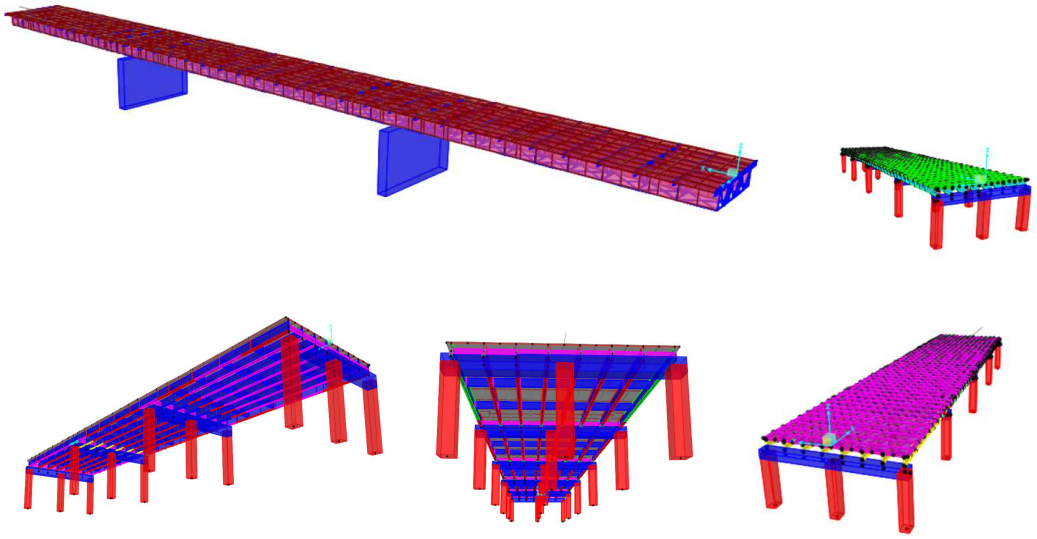
TN TDOT Department of Transportation





2020 Superstructure Load Rating Report

Victory Memorial Bridge over Cumberland River

Federal ID Number: 19SR0060015

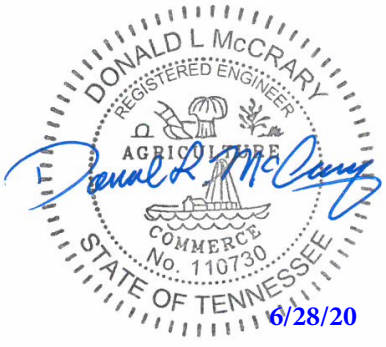
Bridge Number: 19-SR006-09.72

State Project Number: 99111-1248-94

PIN Number: 040086.04

Agreement Number. E2149 Work Order 15

Davidson County



Gresham Smith

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June 30th, 2020

TN TDOT Department of Transportation



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June 30th, 2020

TDOT Department of Transportation



1. Load Rating Summary

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June 30th, 2020

Bridge #	TDOT Bridge Load Rating Summary Form	Form Date
19SR0060015		1/1/2014

LRFR using Part A

Rating Level	Vehicle	Weight (tons)	LLDF per Lane (M)	LLDF per Lane (V)	Rating Factor	Tons	Controlling Span and Member	Controlling Location		Controlling Force		Bridge Management Value (Tons)	
								Distance (ft)	Percent (%)	Limit State	Type		
Design Operating	HL-93	36.0	--	--	0.94	33.7	Main Span 1, Interior Girder 1	168.25	74.8	Strength	Flexure	Operating Rating (64)	**33.7**
Design Inventory			--	--	0.72	26.0	Main Span 1, Interior Girder 1	168.25	74.8	Strength	Flexure	Inventory Rating (66)	**26.0**
Design Operating	HS-20-44	36.0	--	--	1.46	52.6	Span 17, Interior Girder 3	36.22	54.0	Strength	Flexure	Operating Rating (64)	**52.6**
Design Inventory			--	--	1.13	40.5	Span 17, Interior Girder 3	36.22	54.0	Strength	Flexure	Inventory Rating (66)	**40.5**
Design Operating	HS-15-44	31.0	--	--	1.95	60.3	Span 17, Interior Girder 3	36.22	54.0	Strength	Flexure	Operating Rating (64)	**60.3**
Design Inventory			--	--	1.50	46.6	Span 17, Interior Girder 3	36.22	54.0	Strength	Flexure	Inventory Rating (66)	**46.6**
Design Operating	Lane Load	0.32	--	--	1.65	0.5	Main Span 1, Interior Girder 1	168.25	74.8	Strength	Flexure	Operating Rating (64)	**0.5**
Design Inventory			--	--	1.27	0.4	Main Span 1, Interior Girder 1	168.25	74.8	Strength	Flexure	Inventory Rating (66)	**0.4**
Legal/SHV	SU4	27.0	--	--	1.63	44.0	Main Span, Stringer	11.25	50.0	Strength	Flexure	Single Unit Truck 4 Axles	**44.0**
	SU5	31.0	--	--	1.52	47.0	Main Span, Stringer	11.25	50.0	Strength	Flexure	Single Unit Truck 5 Axles	**47.0**
	SU6	34.8	--	--	1.41	49.2	Main Span, Stringer	11.25	50.0	Strength	Flexure	Single Unit Truck 6 Axles	**49.2**
	SU7	35.8	--	--	1.36	48.6	Span 17, Interior Girder 3	36.22	54.0	Strength	Flexure	Single Unit Truck 7 Axles	**48.6**
	Type 3	25.0	--	--	1.91	47.9	Main Span, Stringer	11.25	50.0	Strength	Flexure	Single Unit Truck 3 Axles	**47.9**
	Type 3S2	36.0	--	--	1.84	66.4	Span 18, Interior Girder 3	57.50	100.0	Strength	Flexure	Double Unit Truck 5 Axles	**66.4**
	Type 3-3	40.0	--	--	1.81	72.2	Span 16, Interior Girder 3	56.60	100.0	Strength	Flexure	Double Unit Truck 6 Axles	**72.2**
	EV2	28.8	--	--	1.56	44.8	Main Span, Stringer	11.25	50.0	Strength	Flexure	Single Unit Truck 2 Axles	**44.8**
	EV3	43.0	--	--	1.05	45.2	Main Span, Stringer	11.25	50.0	Strength	Flexure	Single Unit Truck 3 Axles	**45.2**
	EV3-Neg	--	--	--	0.94	--	Span 18, Interior Girder 3	57.50	100.0	Strength	Flexure	Double Unit Truck 3 Axles	--
	Gravel Truck	37.0	--	--	1.32	48.8	Main Span, Stringer	11.25	50.0	Strength	Flexure	Single Unit Truck 4 Axles	**48.8**
	Type 3-3+Lane	40.0	--	--	1.81	72.3	Main Span 1, Interior Girder 1	168.25	74.8	Strength	Flexure	Double Unit Truck 6 Axles	**72.3**
Permit	Annual Permit 1	82.5	--	--	0.86	70.6	Span 18, Interior Girder 3	57.50	100.0	Strength	Flexure	Double Unit Truck 8 Axles	**70.6**
	Annual Permit 2	82.5	--	--	0.87	71.7	Span 18, Interior Girder 3	57.50	100.0	Strength	Flexure	Double Unit Truck 8 Axles	**71.7**
	Overweight Permit	127.5	--	--	0.94	119.8	Span 17, Interior Girder 3	67.08	100.0	Strength	Flexure	Double Unit Truck 13 Axles	**119.8**

Notes:

1. This table is based on the requirements established in the 2018 AASHTO Manual for Bridge Evaluation.
2. Controlling location is given both by the distance from the left support on that span and the fraction of that span. Ex: 28.5' - 50%
3. Controlling force is provided as flexure, shear, or stress together wih the corresponding limit state. Ex: Strength I - Flexure

Bridge Management Information	
Load Rating Date	6/28/20
Reason for L.R.	Final or As-Built
Program Used & Version No.	CsiBride v21.0.2
Load Rating Origination	(A) Design Plans
Design Method	(C) Load Resistance Factor
Method of Calculation for LLDF	(5) Refined analysis
LLDF (per lane)	--
Impact Factor	33.0
Design Load (31)	(A) HL93
Operating Type (63)	(3) Load and Resistance Factor (LRFR)
Inventory Type (65)	(3) Load and Resistance Factor (LRFR)
Main Type Material (43A)	(4) Steel continuous
Main Type Design (43B)	(03) Girder-Floorbeam (GF) or Girder-Floorbeam-Stringer
Approach Type Material (44A)	(3) Steel
Approach Type Design (44B)	(02) Muilt-beam or multi-girder
Open/Posted/Closed (41)	(A) Open, no restriction
Posting (70)	
Spans in Main Unit (45)	3
Approach Spans (46)	16
Length of Max Span (ft) (48)	320.0
Structure Length (ft) (49)	1850.0

Comments/Assumptions

LLF for Legal and Routine Permit Load is modifed according to a ADTT of 1224 (one way).

P.E. Information

Performed by:	YL	Date:	6/20/2020
Checked by:	DLM	Date:	6/22/2020
Reviewed by:	ASD	Date:	6/28/2020
Responsible Engineer:	Donald McCrary	P.E. License #:	110730
Telephone:	615.770.8495		

P.E. Seal

Bridge # 19SR0060015	TDOT Bridge Load Rating Summary Detail (Main Span)

LRFR using Part A

Description			Main Girder									Stringer			Floorbeam					
			Span 1			Span 2			Span 3			Typical Span			Top Chord		Diagonal Chord		Bottom Chord	
Span Length (ft)			225.0			320.0			225.0			23.0			N/A		N/A		N/A	
			Controlling Factor			Controlling Factor			Controlling Factor			Controlling Factor			Controlling Factor		Controlling Factor		Controlling Factor	
Rating Level	Vehicle	Weight (Tons)	Flexure (Strength)	Shear/ Torsion (Strength)	Stress (Service)	Flexure (Strength)	Shear/ Torsion (Strength)	Stress (Service)	Flexure (Strength)	Shear/ Torsion (Strength)	Stress (Service)	Flexure (Strength)	Shear/ Torsion (Strength)	Stress (Service)	Flexure/Axial (Strength)	Flexure/Axial (Service)	Flexure/Axial (Strength)	Flexure/Axial (Service)	Flexure/Axial (Strength)	Flexure/Axial (Service)
Design Operating	HL-93	36.0	0.94	11.89	1.53	1.38	10.47	1.49	0.94	11.89	1.53	1.39	2.35	3.04	1.56	1.68	1.72	1.86	1.31	1.42
Design Inventory			0.72	9.17	1.18	1.06	8.08	1.14	0.72	9.17	1.18	1.07	1.82	2.34	1.20	1.30	1.33	1.43	1.01	1.09
Design Operating	HS-20-44	36.0	2.16	17.38	2.41	2.32	17.51	2.51	2.16	17.38	2.41	1.58	2.59	3.46	1.73	1.87	2.84	3.07	2.13	2.30
Design Inventory			1.66	13.41	1.85	1.79	13.51	1.93	1.67	13.41	1.85	1.22	2.00	2.66	1.34	1.44	2.19	2.36	1.64	1.77
Design Operating	HS-15-44	31.0	2.88	23.17	3.21	3.10	23.35	3.34	2.88	23.17	3.21	2.11	3.45	4.61	2.31	2.49	3.78	4.08	2.83	3.06
Design Inventory			2.22	17.87	2.47	2.39	18.01	2.57	2.22	17.87	2.47	1.62	2.66	3.55	1.78	1.92	2.92	3.14	2.18	2.35
Design Operating	Lane Load	0.32	1.65	33.79	3.22	3.36	25.20	3.66	1.65	33.78	3.23	11.17	25.81	24.66	15.43	16.66	4.36	4.71	3.42	3.69
Design Inventory			1.27	26.06	2.48	2.60	19.44	2.82	1.28	26.06	2.48	8.62	19.91	18.97	11.90	12.82	3.36	3.62	2.64	2.84
Legal/SHV	SU4	27.0	2.93	22.88	2.62	3.06	23.48	2.73	2.93	22.88	2.62	1.63	3.05	2.95	2.04	1.82	3.80	3.39	2.82	2.51
	SU5	31.0	2.58	20.39	2.31	2.71	20.76	2.42	2.59	20.39	2.31	1.52	2.94	2.77	1.96	1.75	3.35	2.99	2.50	2.23
	SU6	34.8	2.30	18.74	2.08	2.44	19.02	2.17	2.31	18.74	2.08	1.41	2.94	2.58	1.95	1.74	2.99	2.67	2.23	1.99
	SU7	35.8	2.07	17.42	1.89	2.21	17.50	1.97	2.07	17.42	1.89	1.41	2.94	2.57	1.94	1.73	2.70	2.41	2.01	1.80
	Type 3	25.0	3.20	25.06	2.87	3.37	25.59	3.01	3.21	25.06	2.87	1.91	3.45	3.46	2.31	2.06	4.16	3.71	3.09	2.76
	Type 3S2	36.0	2.24	20.57	2.28	2.61	19.98	2.33	2.24	20.57	2.28	2.06	3.66	3.73	2.43	2.17	3.11	2.77	2.36	2.11
	Type 3-3	40.0	2.03	19.92	2.22	2.52	18.97	2.25	2.03	19.92	2.22	2.33	4.24	4.21	2.81	2.51	2.90	2.58	2.22	1.98
	EV2	28.8	2.75	21.41	2.45	2.90	21.92	2.58	2.75	21.41	2.45	1.56	2.75	2.82	1.85	1.65	3.62	3.23	2.70	2.41
	EV3	43	1.84	14.30	1.64	1.93	14.69	1.72	1.84	14.30	1.64	1.05	1.86	1.90	1.25	1.11	2.39	2.13	1.77	1.58
	EV3-Neg	43	1.03	--	1.65	1.70	--	2.11	1.03	--	1.66	--	--	--	--	--	--	--	--	--
	Gravel Truck	37	2.16	17.11	1.94	2.27	17.41	2.02	2.17	17.11	1.94	1.32	2.52	2.40	1.68	1.95	2.80	2.50	2.08	1.86
	Type 3-3+Lane	40.0	1.81	21.88	2.36	2.58	19.54	2.31	1.81	21.88	2.36	--	--	--	3.49	4.05	3.04	2.72	2.35	2.10
Permit	Annual Permit 1	82.5	1.24	12.62	1.65	1.58	11.29	1.84	1.23	12.62	1.65	1.19	2.37	2.81	1.56	1.81	1.60	1.86	1.14	1.33
	Annual Permit 2	82.5	1.22	11.71	1.55	1.47	10.95	1.70	1.21	11.71	1.55	1.19	2.37	2.81	1.55	1.80	1.47	1.70	1.04	1.21
	Overweight Permit	82.5	1.44	13.86	1.54	1.89	11.47	1.82	1.44	13.86	1.54	1.51	2.89	2.94	1.91	1.83	2.14	2.05	1.51	1.45

LLF for Legal and Permit Load is modifed according to a ADTT of 1224 (one way).

Bridge # 19SR0060015	TDOT Bridge Load Rating Summary Detail (Approach Spans)

LRFR using Part A

| Description | | | Approach Spans | | |

TDOT Department of Transportation



2. Model Input Preparation

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June 30th, 2020

Supplemental Calculations - CSiBridge Program Inputs

Derived inputs for CSiBridge are presented below as computations. Underived (base) inputs are directly entered into CSiBridge and are checked during the validation of program inputs.

LRFR Analysis:

General Info:

ADT := "Unknown"

$ADTT_{one_way} := 5000$ (Assumed)

$\Phi_c := 1.0$ (Condition:Satisfactory, Superstructure, Inspection Report)

$\Phi_{c_used} := 0.95$ (Condition factor used in load rating)

System Factors: (LRFR Table 6A.4.2.4-1)

$\Phi_{s_Girder} := 1.0$ (Four-Girder system)

$\Phi_{s_floorbeam} := 0.85$ (LRFR Table 6A.4.2.4-1)

$\Phi_{s_floorbeam} \cdot \Phi_c = 0.85$ (Combined system and condition factor for Floor beam)

Speed := 40mph (In MPH, Inspection report)

Materials:

Structural Steel:

$F_y := 33ksi$ (Steel Strength Based on year, 1951)

$E_{steel} := 29000ksi$

Concrete:

(Concrete Strength Based on year, 1951)

$fc := 3000psi = 3 \cdot ksi$

$E_{conc} := 120000 \cdot 0.145^2 \cdot 3^{0.33} ksi = 3625 \cdot ksi$

Superstructure Definitions: (Ref. Bridge Plan, Sheet E-14-42)

3 Spans - Girder/Floorbeam/Stringer System

$Span_1_Layout := 225\,ft$ **(Input)**

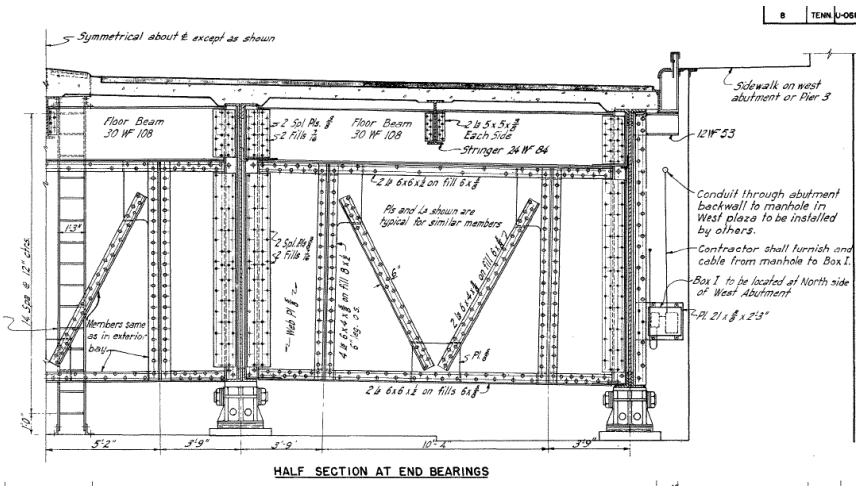
$Span_2_Layout := 320\,ft$ **(Input)**

$Span_3_Layout := 225\,ft$ **(Input)**

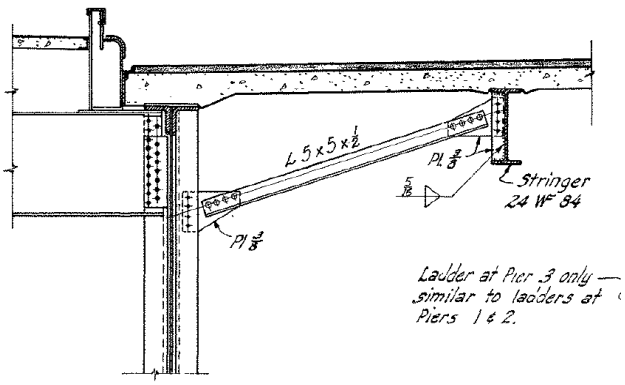
$L_{BM} := Span_1_Layout + Span_2_Layout + Span_3_Layout = 770.00\ ft$ **(Input)**

Floor Beams (Ref. Bridge Plan, Sheet E-14-41)

Floor beams @ End Bearing



HALF SECTION AT END BEARINGS



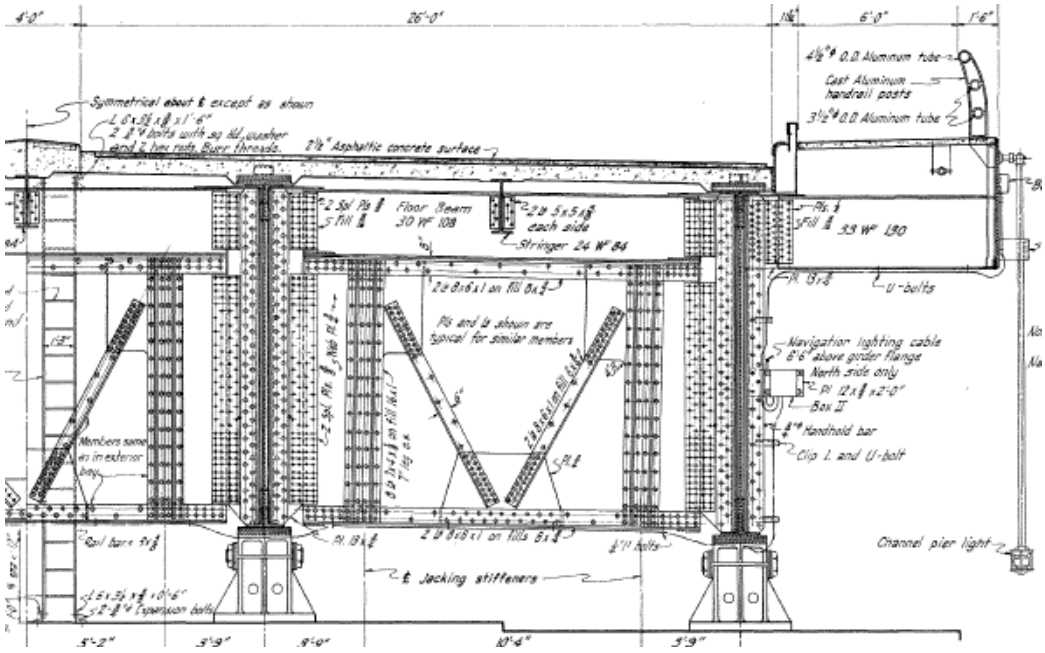
Top Chord: W30x108 (interior bays) Overhang Bracet: L5x5x1/2 **(Input)**

Diagonal Chord: (2)L6x4x5/8 on 6x5/8 fill PL **(Input)**

Vertical Chord: (4)L6x4x5/8 on 8x1/2 fill PL **(Input)**

Bottom Chord: (2)L6x6x1/2 on 6x5/8 fill PL **(Input)**

Floor beams @ Pier



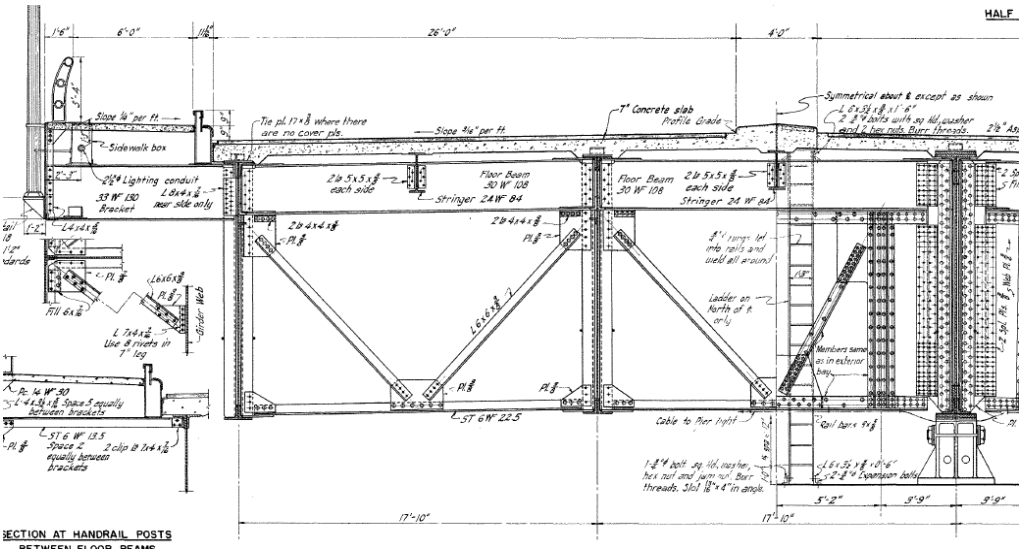
Top Chord: W30x108 (interior bays) Overhang: W33x130 **(Input)**

Diagonal Chord: (2)L8x6x1 on 6x3/4 fill PL **(Input)**

Vertical Chord: (8)L7x4x7/8 on 16x1 fill PL **(Input)**

Bottom Chord: (2)L8x8x1 on 8x3/4 fill PL **(Input)**

Intermediate Floor beams



Top Chord: W30x108 (interior bays) Overhang: W33x130 **(Input)**

Diagonal Chord: (1)L6x6x3/8 **(Input)**

Vertical Chord: (8)L7x4x7/8 on 16x1 fill PL **(Input)**

Bottom Chord: T6x22.5 **(Input)**

Girder Sections

(Ref. Bridge Plan, Sheet E-14-42)

Base Shape:

$H_{base} := 12ft + 11.5in = 155.5 \cdot in$

$t_w := 0.625in$

$t_{tf_base} := 1.125in$

$W_{tf_base} := 8in \cdot 2 + t_w = 16.625 \cdot in$

$t_{bf_base} := 1.125in$

$A_{f_base} := W_{tf_base} \cdot t_{bf_base} = 18.703 \cdot in^2$

$$W_{bf_base} := 8in \cdot 2 + t_w = 16.625 \cdot in$$

$$M_{area_flange_base} := A_{f_base} \cdot \left(\frac{H_{base}}{2} - \frac{t_{tf_base}}{2} \right) = 1443.6 \cdot in^2 \cdot in$$

(First Moment of Area CP1)

Section A (no cover plate)

$t_{cp1} := 0in$ $W_{cp1} := 0in$ (Cover PL #1)

$A_{cp1} := t_{cp1} \cdot W_{cp1} = 0 \cdot in^2$ $d_{cp1} := \frac{H_{base}}{2} + \frac{t_{cp1}}{2} = 77.75 \cdot in$

$M_{area_CP1} := A_{cp1} \cdot d_{cp1} = 0 \cdot in^2 \cdot in$ (First Moment of Area CP1)

$t_{cp2} := 0in$ $W_{cp2} := 0in$ (Cover PL #2)

$A_{cp2} := t_{cp2} \cdot W_{cp2} = 0 \cdot in^2$ $d_{cp2} := \frac{H_{base}}{2} + t_{cp1} + \frac{t_{cp2}}{2} = 77.75 \cdot in$

$M_{area_CP2} := A_{cp2} \cdot d_{cp2} = 0 \cdot in^2 \cdot in$ (First Moment of Area CP2)

$t_{cp3} := 0in$ $W_{cp3} := 0in$ (Cover PL #3)

$A_{cp3} := t_{cp3} \cdot W_{cp3} = 0 \cdot in^2$ $d_{cp3} := \frac{H_{base}}{2} + t_{cp1} + t_{cp2} + \frac{t_{cp3}}{2} = 77.75 \cdot in$

$M_{area_CP3} := A_{cp3} \cdot d_{cp3} = 0 \cdot in^2 \cdot in$ (First Moment of Area CP3)

$t_{cp4} := 0in$ $W_{cp4} := 0in$ (Cover PL #4)

$A_{cp4} := t_{cp4} \cdot W_{cp4} = 0 \cdot in^2$ $d_{cp4} := \frac{H_{base}}{2} + t_{cp1} + t_{cp2} + t_{cp3} + \frac{t_{cp4}}{2} = 77.75 \cdot in$

$M_{area_CP4} := A_{cp4} \cdot d_{cp4} = 0 \cdot in^2 \cdot in$ (First Moment of Area CP4)

Section A_continued

$$M_{area_flange} := M_{area_flange_base} + M_{area_CP1} + M_{area_CP2} + M_{area_CP3} + M_{area_CP4} \ldots = 1443.6 \cdot in^2 \cdot in$$

$$W_{f_eq} := \max\left(W_{tf_base}, W_{cp1}, W_{cp2}, W_{cp3}, W_{cp4}\right) = 16.625 \cdot in$$

$$A_{f_eq} := A_{f_base} + A_{cp1} + A_{cp2} + A_{cp3} + A_{cp4} = 18.703 \cdot in^2$$

$$t_{f_eq} := \frac{A_{f_eq}}{W_{f_eq}} = 1.125 \cdot in$$

$$d_{eq} := \frac{M_{area_flange}}{A_{f_eq}} = 77.188 \cdot in$$

$$H_{out} := 2 \cdot d_{eq} + \frac{t_{f_eq}}{2} \cdot 2 = 155.5 \cdot in$$

(Input)

$$t_w := 0.625in$$

(Input)

$$t_{tf} := t_{f_eq} = 1.125 \cdot in$$

(Input)

$$W_{tf} := W_{f_eq} = 16.625 \cdot in$$

(Input)

$$t_{bf} := t_{f_eq} = 1.125 \cdot in$$

(Input)

$$W_{bf} := W_{f_eq} = 16.625 \cdot in$$

(Input)

Section B (18 x 3/4 Cover Plate)

$t_{cp1} := 0.75in$ $W_{cp1} := 18in$ (Cover PL #1)

$A_{cp1} := t_{cp1} \cdot W_{cp1} = 13.5 \cdot in^2$ $d_{cp1} := \frac{H_{base}}{2} + \frac{t_{cp1}}{2} = 78.125 \cdot in$

$M_{area_CP1} := A_{cp1} \cdot d_{cp1} = 1.055 \times 10^3 \cdot in^2 \cdot in$ (First Moment of Area CP1)

$t_{cp2} := 0in$ $W_{cp2} := 0in$ (Cover PL #2)

$A_{cp2} := t_{cp2} \cdot W_{cp2} = 0 \cdot in^2$ $d_{cp2} := \frac{H_{base}}{2} + t_{cp1} + \frac{t_{cp2}}{2} = 78.5 \cdot in$

$M_{area_CP2} := A_{cp2} \cdot d_{cp2} = 0 \cdot in^2 \cdot in$ (First Moment of Area CP2)

$t_{cp3} := 0in$ $W_{cp3} := 0in$ (Cover PL #3)

$A_{cp3} := t_{cp3} \cdot W_{cp3} = 0 \cdot in^2$ $d_{cp3} := \frac{H_{base}}{2} + t_{cp1} + t_{cp2} + \frac{t_{cp3}}{2} = 78.5 \cdot in$

$M_{area_CP3} := A_{cp3} \cdot d_{cp3} = 0 \cdot in^2 \cdot in$ (First Moment of Area CP3)

$t_{cp4} := 0in$ $W_{cp4} := 0in$ (Cover PL #4)

$A_{cp4} := t_{cp4} \cdot W_{cp4} = 0 \cdot in^2$ $d_{cp4} := \frac{H_{base}}{2} + t_{cp1} + t_{cp2} + t_{cp3} + \frac{t_{cp4}}{2} = 78.5 \cdot in$

$M_{area_CP4} := A_{cp4} \cdot d_{cp4} = 0 \cdot in^2 \cdot in$ (First Moment of Area CP4)

Section B_continued

$$M_{area_flange} := M_{area_flange_base} + M_{area_CP1} + M_{area_CP2} + M_{area_CP3} + M_{area_CP4} \ldots = 2498.3 \cdot in^2 \cdot in$$

$$W_{f_eq} := \max\left(W_{tf_base}, W_{cp1}, W_{cp2}, W_{cp3}, W_{cp4}\right) = 18 \cdot in$$

$$A_{f_eq} := A_{f_base} + A_{cp1} + A_{cp2} + A_{cp3} + A_{cp4} = 32.203 \cdot in^2$$

$$t_{f_eq} := \frac{A_{f_eq}}{W_{f_eq}} = 1.789 \cdot in$$

$$d_{eq} := \frac{M_{area_flange}}{A_{f_eq}} = 77.581 \cdot in$$

$$H_{out} := 2 \cdot d_{eq} + \frac{t_{f_eq}}{2} \cdot 2 = 156.95 \cdot in$$

(Input)

$$t_w := 0.625in$$

(Input)

$$t_{tf} := t_{f_eq} = 1.789 \cdot in$$

(Input)

$$W_{tf} := W_{f_eq} = 18 \cdot in$$

(Input)

$$t_{bf} := t_{f_eq} = 1.789 \cdot in$$

(Input)

$$W_{bf} := W_{f_eq} = 18 \cdot in$$

(Input)

Section C (24 x 7/8 Cover Plate)

$t_{cp1} := 0.875in$ $W_{cp1} := 24in$ (Cover PL #1)

$A_{cp1} := t_{cp1} \cdot W_{cp1} = 21 \cdot in^2$ $d_{cp1} := \frac{H_{base}}{2} + \frac{t_{cp1}}{2} = 78.188 \cdot in$

$M_{area_CP1} := A_{cp1} \cdot d_{cp1} = 1.642 \times 10^3 \cdot in^2 \cdot in$ (First Moment of Area CP1)

$t_{cp2} := 0in$ $W_{cp2} := 0in$ (Cover PL #2)

$A_{cp2} := t_{cp2} \cdot W_{cp2} = 0 \cdot in^2$ $d_{cp2} := \frac{H_{base}}{2} + t_{cp1} + \frac{t_{cp2}}{2} = 78.625 \cdot in$

$M_{area_CP2} := A_{cp2} \cdot d_{cp2} = 0 \cdot in^2 \cdot in$ (First Moment of Area CP2)

$t_{cp3} := 0in$ $W_{cp3} := 0in$ (Cover PL #3)

$A_{cp3} := t_{cp3} \cdot W_{cp3} = 0 \cdot in^2$ $d_{cp3} := \frac{H_{base}}{2} + t_{cp1} + t_{cp2} + \frac{t_{cp3}}{2} = 78.625 \cdot in$

$M_{area_CP3} := A_{cp3} \cdot d_{cp3} = 0 \cdot in^2 \cdot in$ (First Moment of Area CP3)

$t_{cp4} := 0in$ $W_{cp4} := 0in$ (Cover PL #4)

$A_{cp4} := t_{cp4} \cdot W_{cp4} = 0 \cdot in^2$ $d_{cp4} := \frac{H_{base}}{2} + t_{cp1} + t_{cp2} + t_{cp3} + \frac{t_{cp4}}{2} = 78.625 \cdot in$

$M_{area_CP4} := A_{cp4} \cdot d_{cp4} = 0 \cdot in^2 \cdot in$ (First Moment of Area CP4)

Section C_continued

$$M_{area_flange} := M_{area_flange_base} + M_{area_CP1} + M_{area_CP2} + M_{area_CP3} + M_{area_CP4} \ldots = 3085.6 \cdot in^2 \cdot in$$

$$W_{f_eq} := \max\left(W_{tf_base}, W_{cp1}, W_{cp2}, W_{cp3}, W_{cp4}\right) = 24 \cdot in$$

$$A_{f_eq} := A_{f_base} + A_{cp1} + A_{cp2} + A_{cp3} + A_{cp4} = 39.703 \cdot in^2$$

$$t_{f_eq} := \frac{A_{f_eq}}{W_{f_eq}} = 1.654 \cdot in$$

$$d_{eq} := \frac{M_{area_flange}}{A_{f_eq}} = 77.716 \cdot in$$

$$H_{out} := 2 \cdot d_{eq} + \frac{t_{f_eq}}{2} \cdot 2 = 157.087 \cdot in$$

(Input)

$$t_w := 0.625in$$

(Input)

$$t_{tf} := t_{f_eq} = 1.654 \cdot in$$

(Input)

$$W_{tf} := W_{f_eq} = 24 \cdot in$$

(Input)

$$t_{bf} := t_{f_eq} = 1.654 \cdot in$$

(Input)

$$W_{bf} := W_{f_eq} = 24 \cdot in$$

(Input)

Section D ((2)24 x 7/8 Cover Plate)

$t_{cp1} := 0.875in$ $W_{cp1} := 24in$ (Cover PL #1)

$A_{cp1} := t_{cp1} \cdot W_{cp1} = 21 \cdot in^2$ $d_{cp1} := \frac{H_{base}}{2} + \frac{t_{cp1}}{2} = 78.188 \cdot in$

$M_{area_CP1} := A_{cp1} \cdot d_{cp1} = 1.642 \times 10^3 \cdot in^2 \cdot in$ (First Moment of Area CP1)

$t_{cp2} := 0.875in$ $W_{cp2} := 24in$ (Cover PL #2)

$A_{cp2} := t_{cp2} \cdot W_{cp2} = 21 \cdot in^2$ $d_{cp2} := \frac{H_{base}}{2} + t_{cp1} + \frac{t_{cp2}}{2} = 79.063 \cdot in$

$M_{area_CP2} := A_{cp2} \cdot d_{cp2} = 1.66 \times 10^3 \cdot in^2 \cdot in$ (First Moment of Area CP2)

$t_{cp3} := 0in$ $W_{cp3} := 0in$ (Cover PL #3)

$A_{cp3} := t_{cp3} \cdot W_{cp3} = 0 \cdot in^2$ $d_{cp3} := \frac{H_{base}}{2} + t_{cp1} + t_{cp2} + \frac{t_{cp3}}{2} = 79.5 \cdot in$

$M_{area_CP3} := A_{cp3} \cdot d_{cp3} = 0 \cdot in^2 \cdot in$ (First Moment of Area CP3)

$t_{cp4} := 0in$ $W_{cp4} := 0in$ (Cover PL #4)

$A_{cp4} := t_{cp4} \cdot W_{cp4} = 0 \cdot in^2$ $d_{cp4} := \frac{H_{base}}{2} + t_{cp1} + t_{cp2} + t_{cp3} + \frac{t_{cp4}}{2} = 79.5 \cdot in$

$M_{area_CP4} := A_{cp4} \cdot d_{cp4} = 0 \cdot in^2 \cdot in$ (First Moment of Area CP4)

Section D_continued

$$M_{area_flange} := M_{area_flange_base} + M_{area_CP1} + M_{area_CP2} + M_{area_CP3} + M_{area_CP4} \ldots = 4745.9 \cdot in^2 \cdot in$$

$$W_{f_eq} := \max\left(W_{tf_base}, W_{cp1}, W_{cp2}, W_{cp3}, W_{cp4}\right) = 24 \cdot in$$

$$A_{f_eq} := A_{f_base} + A_{cp1} + A_{cp2} + A_{cp3} + A_{cp4} = 60.703 \cdot in^2$$

$$t_{f_eq} := \frac{A_{f_eq}}{W_{f_eq}} = 2.529 \cdot in$$

$$d_{eq} := \frac{M_{area_flange}}{A_{f_eq}} = 78.182 \cdot in$$

$$H_{out} := 2 \cdot d_{eq} + \frac{t_{f_eq}}{2} \cdot 2 = 158.893 \cdot in$$

(Input)

$$t_w := 0.625in$$

(Input)

$$t_{tf} := t_{f_eq} = 2.529 \cdot in$$

(Input)

$$W_{tf} := W_{f_eq} = 24 \cdot in$$

(Input)

$$t_{bf} := t_{f_eq} = 2.529 \cdot in$$

(Input)

$$W_{bf} := W_{f_eq} = 24 \cdot in$$

(Input)

Section E ((2)24 x 7/8 + 24 x 3/4 Cover Plate)

$t_{cp1} := 0.875in$ $W_{cp1} := 24in$ (Cover PL #1)

$A_{cp1} := t_{cp1} \cdot W_{cp1} = 21 \cdot in^2$ $d_{cp1} := \frac{H_{base}}{2} + \frac{t_{cp1}}{2} = 78.188 \cdot in$

$M_{area_CP1} := A_{cp1} \cdot d_{cp1} = 1.642 \times 10^3 \cdot in^2 \cdot in$ (First Moment of Area CP1)

$t_{cp2} := 0.875in$ $W_{cp2} := 24in$ (Cover PL #2)

$A_{cp2} := t_{cp2} \cdot W_{cp2} = 21 \cdot in^2$ $d_{cp2} := \frac{H_{base}}{2} + t_{cp1} + \frac{t_{cp2}}{2} = 79.063 \cdot in$

$M_{area_CP2} := A_{cp2} \cdot d_{cp2} = 1.66 \times 10^3 \cdot in^2 \cdot in$ (First Moment of Area CP2)

$t_{cp3} := 0.75in$ $W_{cp3} := 24in$ (Cover PL #3)

$A_{cp3} := t_{cp3} \cdot W_{cp3} = 18 \cdot in^2$ $d_{cp3} := \frac{H_{base}}{2} + t_{cp1} + t_{cp2} + \frac{t_{cp3}}{2} = 79.875 \cdot in$

$M_{area_CP3} := A_{cp3} \cdot d_{cp3} = 1.438 \times 10^3 \cdot in^2 \cdot in$ (First Moment of Area CP3)

$t_{cp4} := 0in$ $W_{cp4} := 0in$ (Cover PL #4)

$A_{cp4} := t_{cp4} \cdot W_{cp4} = 0 \cdot in^2$ $d_{cp4} := \frac{H_{base}}{2} + t_{cp1} + t_{cp2} + t_{cp3} + \frac{t_{cp4}}{2} = 80.25 \cdot in$

$M_{area_CP4} := A_{cp4} \cdot d_{cp4} = 0 \cdot in^2 \cdot in$ (First Moment of Area CP4)

Section E_continued

$$M_{area_flange} := M_{area_flange_base} + M_{area_CP1} + M_{area_CP2} + M_{area_CP3} + M_{area_CP4} \ldots = 6183.6 \cdot in^2 \cdot in$$

$$W_{f_eq} := \max\left(W_{tf_base}, W_{cp1}, W_{cp2}, W_{cp3}, W_{cp4}\right) = 24 \cdot in$$

$$A_{f_eq} := A_{f_base} + A_{cp1} + A_{cp2} + A_{cp3} + A_{cp4} = 78.703 \cdot in^2$$

$$t_{f_eq} := \frac{A_{f_eq}}{W_{f_eq}} = 3.279 \cdot in$$

$$d_{eq} := \frac{M_{area_flange}}{A_{f_eq}} = 78.569 \cdot in$$

$$H_{out} := 2 \cdot d_{eq} + \frac{t_{f_eq}}{2} \cdot 2 = 160.418 \cdot in$$

(Input)

$$t_w := 0.625in$$

(Input)

$$t_{tf} := t_{f_eq} = 3.279 \cdot in$$

(Input)

$$W_{tf} := W_{f_eq} = 24 \cdot in$$

(Input)

$$t_{bf} := t_{f_eq} = 3.279 \cdot in$$

(Input)

$$W_{bf} := W_{f_eq} = 24 \cdot in$$

(Input)

Section F ((2)24 x 7/8 + (2)24 x 3/4 Cover Plate)

$t_{cp1} := 0.875in$ $W_{cp1} := 24in$ (Cover PL #1)

$A_{cp1} := t_{cp1} \cdot W_{cp1} = 21 \cdot in^2$ $d_{cp1} := \frac{H_{base}}{2} + \frac{t_{cp1}}{2} = 78.188 \cdot in$

$M_{area_CP1} := A_{cp1} \cdot d_{cp1} = 1.642 \times 10^3 \cdot in^2 \cdot in$ (First Moment of Area CP1)

$t_{cp2} := 0.875in$ $W_{cp2} := 24in$ (Cover PL #2)

$A_{cp2} := t_{cp2} \cdot W_{cp2} = 21 \cdot in^2$ $d_{cp2} := \frac{H_{base}}{2} + t_{cp1} + \frac{t_{cp2}}{2} = 79.063 \cdot in$

$M_{area_CP2} := A_{cp2} \cdot d_{cp2} = 1.66 \times 10^3 \cdot in^2 \cdot in$ (First Moment of Area CP2)

$t_{cp3} := 0.75in$ $W_{cp3} := 24in$ (Cover PL #3)

$A_{cp3} := t_{cp3} \cdot W_{cp3} = 18 \cdot in^2$ $d_{cp3} := \frac{H_{base}}{2} + t_{cp1} + t_{cp2} + \frac{t_{cp3}}{2} = 79.875 \cdot in$

$M_{area_CP3} := A_{cp3} \cdot d_{cp3} = 1.438 \times 10^3 \cdot in^2 \cdot in$ (First Moment of Area CP3)

$t_{cp4} := 0.75in$ $W_{cp4} := 24in$ (Cover PL #4)

$A_{cp4} := t_{cp4} \cdot W_{cp4} = 18 \cdot in^2$ $d_{cp4} := \frac{H_{base}}{2} + t_{cp1} + t_{cp2} + t_{cp3} + \frac{t_{cp4}}{2} = 80.625 \cdot in$

$M_{area_CP4} := A_{cp4} \cdot d_{cp4} = 1.451 \times 10^3 \cdot in^2 \cdot in$ (First Moment of Area CP4)

Section F_continued

$$M_{area_flange} := M_{area_flange_base} + M_{area_CP1} + M_{area_CP2} \ldots + M_{area_CP3} + M_{area_CP4} = 7634.9 \cdot in^2 \cdot in$$

$$W_{f_eq} := \max\left(W_{tf_base}, W_{cp1}, W_{cp2}, W_{cp3}, W_{cp4}\right) = 24 \cdot in$$

$$A_{f_eq} := A_{f_base} + A_{cp1} + A_{cp2} + A_{cp3} + A_{cp4} = 96.703 \cdot in^2$$

$$t_{f_eq} := \frac{A_{f_eq}}{W_{f_eq}} = 4.029 \cdot in$$

$$d_{eq} := \frac{M_{area_flange}}{A_{f_eq}} = 78.952 \cdot in$$

$$H_{out} := 2 \cdot d_{eq} + \frac{t_{f_eq}}{2} \cdot 2 = 161.933 \cdot in$$

(Input)

$$t_w := 0.625in$$

(Input)

$$t_{tf} := t_{f_eq} = 4.029 \cdot in$$

(Input)

$$W_{tf} := W_{f_eq} = 24 \cdot in$$

(Input)

$$t_{bf} := t_{f_eq} = 4.029 \cdot in$$

(Input)

$$W_{bf} := W_{f_eq} = 24 \cdot in$$

(Input)

Section G (24 x 1 Cover Plate)

$t_{cp1} := 1in$ $W_{cp1} := 24in$ (Cover PL #1)

$A_{cp1} := t_{cp1} \cdot W_{cp1} = 24 \cdot in^2$ $d_{cp1} := \frac{H_{base}}{2} + \frac{t_{cp1}}{2} = 78.25 \cdot in$

$M_{area_CP1} := A_{cp1} \cdot d_{cp1} = 1.878 \times 10^3 \cdot in^2 \cdot in$ (First Moment of Area CP1)

$t_{cp2} := 0in$ $W_{cp2} := 0in$ (Cover PL #2)

$A_{cp2} := t_{cp2} \cdot W_{cp2} = 0 \cdot in^2$ $d_{cp2} := \frac{H_{base}}{2} + t_{cp1} + \frac{t_{cp2}}{2} = 78.75 \cdot in$

$M_{area_CP2} := A_{cp2} \cdot d_{cp2} = 0 \cdot in^2 \cdot in$ (First Moment of Area CP2)

$t_{cp3} := 0in$ $W_{cp3} := 0in$ (Cover PL #3)

$A_{cp3} := t_{cp3} \cdot W_{cp3} = 0 \cdot in^2$ $d_{cp3} := \frac{H_{base}}{2} + t_{cp1} + t_{cp2} + \frac{t_{cp3}}{2} = 78.75 \cdot in$

$M_{area_CP3} := A_{cp3} \cdot d_{cp3} = 0 \cdot in^2 \cdot in$ (First Moment of Area CP3)

$t_{cp4} := 0in$ $W_{cp4} := 0in$ (Cover PL #4)

$A_{cp4} := t_{cp4} \cdot W_{cp4} = 0 \cdot in^2$ $d_{cp4} := \frac{H_{base}}{2} + t_{cp1} + t_{cp2} + t_{cp3} + \frac{t_{cp4}}{2} = 78.75 \cdot in$

$M_{area_CP4} := A_{cp4} \cdot d_{cp4} = 0 \cdot in^2 \cdot in$ (First Moment of Area CP4)

Section G_continued

$$M_{area_flange} := M_{area_flange_base} + M_{area_CP1} + M_{area_CP2} + M_{area_CP3} + M_{area_CP4} \ldots = 3321.6 \cdot in^2 \cdot in$$

$$W_{f_eq} := \max\left(W_{tf_base}, W_{cp1}, W_{cp2}, W_{cp3}, W_{cp4}\right) = 24 \cdot in$$

$$A_{f_eq} := A_{f_base} + A_{cp1} + A_{cp2} + A_{cp3} + A_{cp4} = 42.703 \cdot in^2$$

$$t_{f_eq} := \frac{A_{f_eq}}{W_{f_eq}} = 1.779 \cdot in$$

$$d_{eq} := \frac{M_{area_flange}}{A_{f_eq}} = 77.785 \cdot in$$

$$H_{out} := 2 \cdot d_{eq} + \frac{t_{f_eq}}{2} \cdot 2 = 157.349 \cdot in$$

(Input)

$$t_w := 0.625in$$

(Input)

$$t_{tf} := t_{f_eq} = 1.779 \cdot in$$

(Input)

$$W_{tf} := W_{f_eq} = 24 \cdot in$$

(Input)

$$t_{bf} := t_{f_eq} = 1.779 \cdot in$$

(Input)

$$W_{bf} := W_{f_eq} = 24 \cdot in$$

(Input)

Section H (24 x 1 + 24 x 7/8 Cover Plate)

$t_{cp1} := 1in$ $W_{cp1} := 24in$ (Cover PL #1)

$A_{cp1} := t_{cp1} \cdot W_{cp1} = 24 \cdot in^2$ $d_{cp1} := \frac{H_{base}}{2} + \frac{t_{cp1}}{2} = 78.25 \cdot in$

$M_{area_CP1} := A_{cp1} \cdot d_{cp1} = 1.878 \times 10^3 \cdot in^2 \cdot in$ (First Moment of Area CP1)

$t_{cp2} := 0.875in$ $W_{cp2} := 24in$ (Cover PL #2)

$A_{cp2} := t_{cp2} \cdot W_{cp2} = 21 \cdot in^2$ $d_{cp2} := \frac{H_{base}}{2} + t_{cp1} + \frac{t_{cp2}}{2} = 79.188 \cdot in$

$M_{area_CP2} := A_{cp2} \cdot d_{cp2} = 1.663 \times 10^3 \cdot in^2 \cdot in$ (First Moment of Area CP2)

$t_{cp3} := 0in$ $W_{cp3} := 0in$ (Cover PL #3)

$A_{cp3} := t_{cp3} \cdot W_{cp3} = 0 \cdot in^2$ $d_{cp3} := \frac{H_{base}}{2} + t_{cp1} + t_{cp2} + \frac{t_{cp3}}{2} = 79.625 \cdot in$

$M_{area_CP3} := A_{cp3} \cdot d_{cp3} = 0 \cdot in^2 \cdot in$ (First Moment of Area CP3)

$t_{cp4} := 0in$ $W_{cp4} := 0in$ (Cover PL #4)

$A_{cp4} := t_{cp4} \cdot W_{cp4} = 0 \cdot in^2$ $d_{cp4} := \frac{H_{base}}{2} + t_{cp1} + t_{cp2} + t_{cp3} + \frac{t_{cp4}}{2} = 79.625 \cdot in$

$M_{area_CP4} := A_{cp4} \cdot d_{cp4} = 0 \cdot in^2 \cdot in$ (First Moment of Area CP4)

Section H_continued

$$M_{area_flange} := M_{area_flange_base} + M_{area_CP1} + M_{area_CP2} + M_{area_CP3} + M_{area_CP4} \ldots = 4984.6 \cdot in^2 \cdot in$$

$$W_{f_eq} := \max\left(W_{tf_base}, W_{cp1}, W_{cp2}, W_{cp3}, W_{cp4}\right) = 24 \cdot in$$

$$A_{f_eq} := A_{f_base} + A_{cp1} + A_{cp2} + A_{cp3} + A_{cp4} = 63.703 \cdot in^2$$

$$t_{f_eq} := \frac{A_{f_eq}}{W_{f_eq}} = 2.654 \cdot in$$

$$d_{eq} := \frac{M_{area_flange}}{A_{f_eq}} = 78.247 \cdot in$$

$$H_{out} := 2 \cdot d_{eq} + \frac{t_{f_eq}}{2} \cdot 2 = 159.149 \cdot in$$

(Input)

$$t_w := 0.625in$$

(Input)

$$t_{tf} := t_{f_eq} = 2.654 \cdot in$$

(Input)

$$W_{tf} := W_{f_eq} = 24 \cdot in$$

(Input)

$$t_{bf} := t_{f_eq} = 2.654 \cdot in$$

(Input)

$$W_{bf} := W_{f_eq} = 24 \cdot in$$

(Input)

Section Summary

	Span 1 - Equivalent Sections (in)						Cover Plate
	H_{out}	t_w	t_{tf}	W_{tf}	t_{bf}	W_{bf}	
Section A	155.50	0.625	1.125	16.625	1.125	16.625	N/A
Section B	156.95	0.625	1.789	18	1.789	18	(1) 18" x 3/4"
Section C	157.09	0.625	1.654	24	1.654	24	(1) 24" x 7/8"
Section D	158.89	0.625	2.529	24	2.529	24	(2) 24" x 7/8"
Section E	160.42	0.625	3.279	24	3.279	24	(2)24 x 7/8 + (1) 24
Section F	161.93	0.625	4.029	24	4.029	24	(2)24 x 7/8 + (2) 24
Section G	157.35	0.625	1.779	24	1.779	24	(1) 24 x 1
Section H	159.15	0.625	2.654	24	2.654	24	(1) 24 x 1 + (1) 24

Span 1 - Nonprismatic Sections		
Segment	Section	Length (ft)
1	Section A	39.00
2	Section B	88.00
3	Section A	42.00
4	Section C	15.00
5	Section D	16.83
6	Section E	10.67
7	Section F	14.50

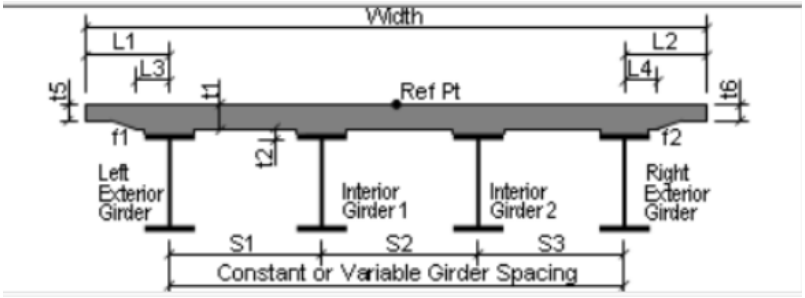
Span 2 - Nonprismatic Sections		
Segment	Section	Length (ft)
1	Section F	14.50
2	Section E	19.00
3	Section D	7.58
4	Section C	7.58
5	Section A	33.25
6	Section G	21.00
7	Section H	114.00
8	Section G	21.00
9	Section A	33.25
10	Section C	7.58
11	Section D	7.58
12	Section E	19.00
13	Section F	14.50

Span 3 - Nonprismatic Sections		
Segment	Section	Length (ft)
1	Section F	14.50
2	Section E	10.67
3	Section D	16.83
4	Section C	15.00
5	Section A	42.00
6	Section B	88.00
7	Section A	39.00

Structure Typical Section

(Ref. Sheet E-14-41, Sheet E-14-45)

Deck



$W_{deck_struct} := 56ft + 2 \cdot (1.5ft + 6ft + 12in) = 73\,ft$ (Strcutural Deck width) **(Input)**

$t_1 := 7in$ (Deck thickness - Interiror bays) **(Input)**

$t_5 := 4in$ (LT Overhang Deck Thickness) **(Input)**

$t_6 := 4in$ (RT Overhang Deck Thickness)

$No_of_girder := 4$ (Total number of Girders)

$No_of_int_girder := 2$ (Number of interior Girders) **(Input)**

$S1 := 17ft + 10in = 17.833\,ft$ (Girder spacing) **(Input)**

$OH := \frac{\left(W_{deck_struct} - S1 \cdot 3\right)}{2} = 9.75\,ft$ (Overhang) **(Input)**

Lane Position

(5) 10 ft lanes (Inspection Photo) **(Input)**

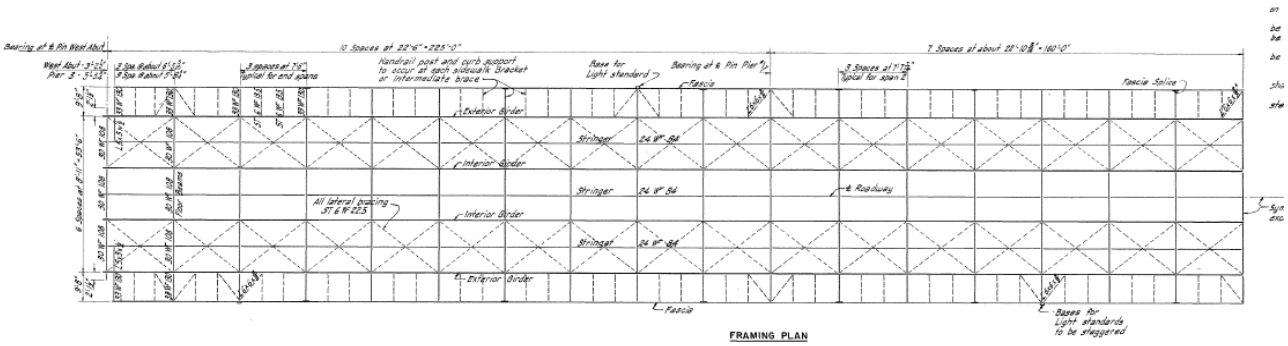
Deck Long. Reinforcement

Main girders are modeled as non-composite, therefore deck reinforcement is neglected.

Framing Plan

(Ref. Plan E-14-42)

Skew := 0deg = 0·deg **(Input)**



Load Definition

Stringer Load

$$W_stringer := \frac{(84plf \cdot 5)}{W_{deck_struct}} = 5.753\,psf$$

Hand Rails and Posts (Alluminum)+MISC @ Sidewalk

$W_{rail} := 150plf$ (aluminum)

$W_{MISC} := 120plf$ (Other MISC steel parts @ sidewalk)

$$Rail_{Area_Wt} := \frac{W_{rail} \cdot 2 + W_{MISC} \cdot 2}{W_{deck_struct}} = 7.397 \cdot psf$$ **(Input)**

Haunch Surface Load:

$H_{Conc_Area1} := (24in + 2in \cdot 2) \cdot 6in = 168 \cdot in^2$ (Top flange area neglected)

$H_{Conc_Area2} := (12in + 2in \cdot 2) \cdot 6in = 96 \cdot in^2$

$H_{Line_wt} := \left(H_{Conc_Area1} + H_{Conc_Area2}\right) \cdot 150pcf = 275\,plf$

$H_{Area_wt} := \frac{\left(4H_{Line_wt}\right)}{W_{deck_struct}} = 15.068\,psf$ **(Input)**

SIP form load:

$SIP_{Area_wt} := 0psf$ (Inspection photo)

Wearing Surface Load:

3" Wearing Surface

$WS_{Area_wt} := 3in \cdot 140pcf \cdot \frac{56ft}{W_{deck_struct}} = 26.849\,psf$ **(Input)**

Utility Load:

$W_{utility} := \frac{200plf}{W_{deck_struct}} = 2.74\,psf$ (Assumed) **(Input)**

Other Misc load

Structure Steel Material Unit weight is increased by 20% to account for misc steel parts such as steel bolts and nuts, steel stiffeners and etc.

$Unit_weight := 490pcf \cdot 120\% = 588 \cdot pcf$ **(Input)**

Supplemental Calculations - CSiBridge Program Inputs

Derived inputs for CSiBridge are presented below as computations. Underived (base) inputs are directly entered into CSiBridge and are checked during the validation of program inputs.

LRFR Analysis:

General Info:

$ADT := \text{"Unknown"}$

$ADTT_{one_way} := 5000$ (Assumed)

$\Phi_c := 1.0$ (Condition:Satisfactory, Superstructure, Inspection Report)

$\Phi_{c_used} := 0.95$ (Condition factor used in load rating for Stringers)

$\Phi_{s_Stringer} := 1.0$ (LRFR Table 6A.4.2.4-1)

$Speed := 40mph$ (In MPH, Inspection report)

Materials:

Structural Steel:

$F_y := 33ksi$ (Steel Strength Based on year, 1951)

$E_{steel} := 29000ksi$

Concrete:

(Concrete Strength Based on year, 1951)

$fc := 3000psi = 3 \cdot ksi$

$E_{conc} := 120000 0.145^2 \cdot 3^{0.33} ksi = 3625 \cdot ksi$

Superstructure Definitions:

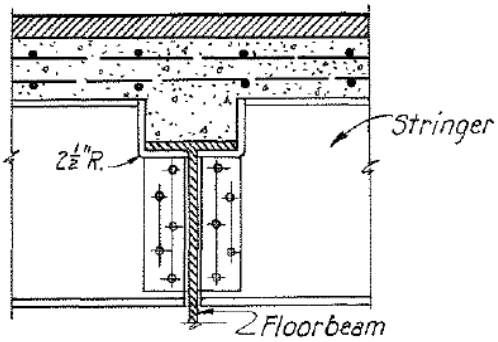
(Ref. Bridge Plan, Sheet E-14-42)

Typical_span := 23ft **(Input)**

Span_modeled := 5

Total_length := Typical_span·Span_modeled = 115.00·ft

Stringers are modeled as simply-supported between two adjacent floor beams based on the following detail.

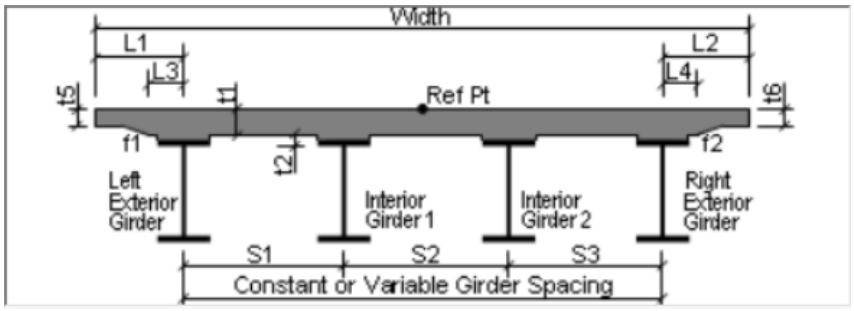


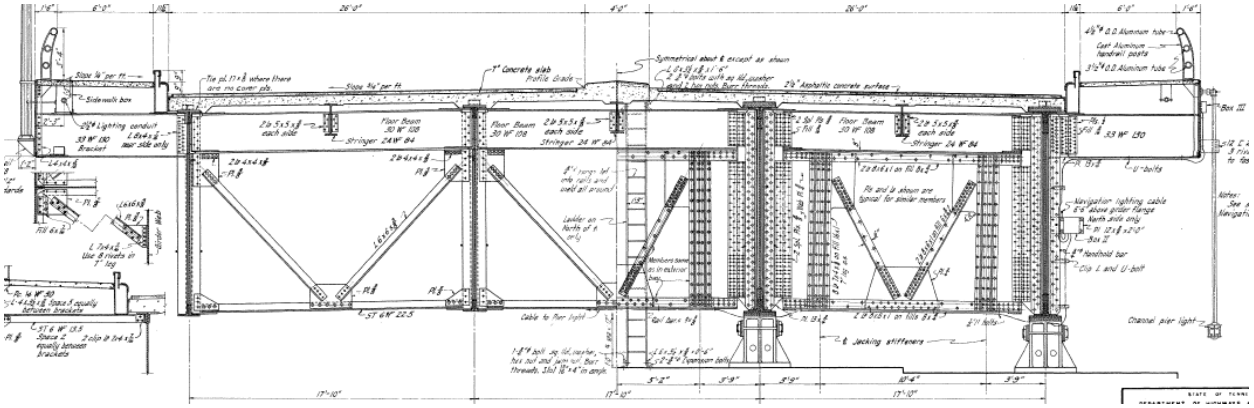
HAUNCH AT FLOOR BEAMS

Structure Typical Section

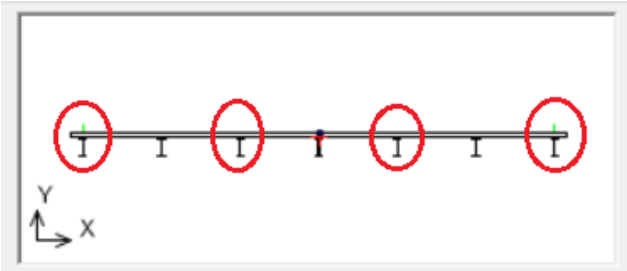
(Ref. Sheet E-14-41, Sheet E-14-45)

Deck



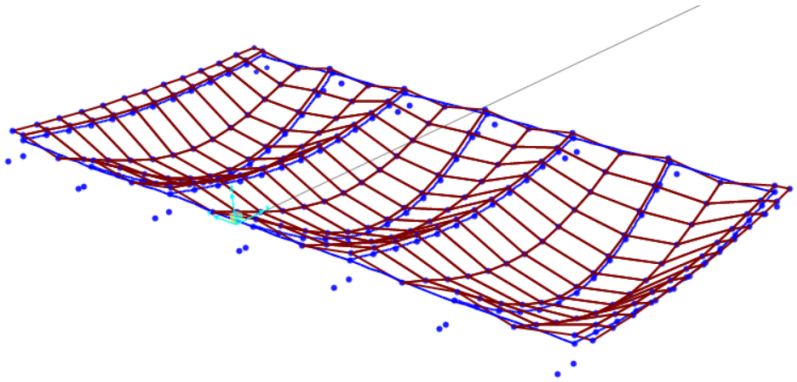


Note: In Stringer model, Main Girder 1, 3, 5, 7 (shown in the following figure) are modeled using the same stringer section W24x84. The section stiffnesses are increasd to mimic main girder stiffnesses. A higher grade steel is also used for Main Girder 1, 3, 5, 7, so that they cannot control.



(Main Girder elements circled in red is modeled with identical sections but increase stiffnesses.)

Note: As the result of Main Girder 1, 3, 5, 7 are modeled with increased stiffnesses. The stringer model can realistically simulate the behavior of the stringer elements. As shown in the following figure, the stringer elements have larger deflections than the main girder elements, and therefore less load is applied to the stringer elements.



deflected shape (23ft span between floorbeams)

$W_{deck} := 56ft$ (Strcutural Deck width) **(Input)**

$t_1 := 7in$ (Deck thickness - Interiror bays) **(Input)**

$t_5 := 4in$ (LT Overhang Deck Thickness) **(Input)**

$t_6 := 4in$ (RT Overhang Deck Thickness)

$No_of_girder := 7$ (Total number of Girders+stringer)

$No_of_int_girder := 5$ (Number of interior Girders+ Stringers) **(Input)**

$S1 := \frac{(17ft + 10in)}{2} = 107 \cdot in$ (Girder spacing) **(Input)**

$OH := \frac{\left(W_{deck} - S1 \cdot 6\right)}{2} = 15 \cdot in$ (Overhang) **(Input)**

Stringer Section: W24 x 84

Lane Position

(5) 10 ft lanes (Inspection Photo) **(Input)**

Deck Long. Reinforcement

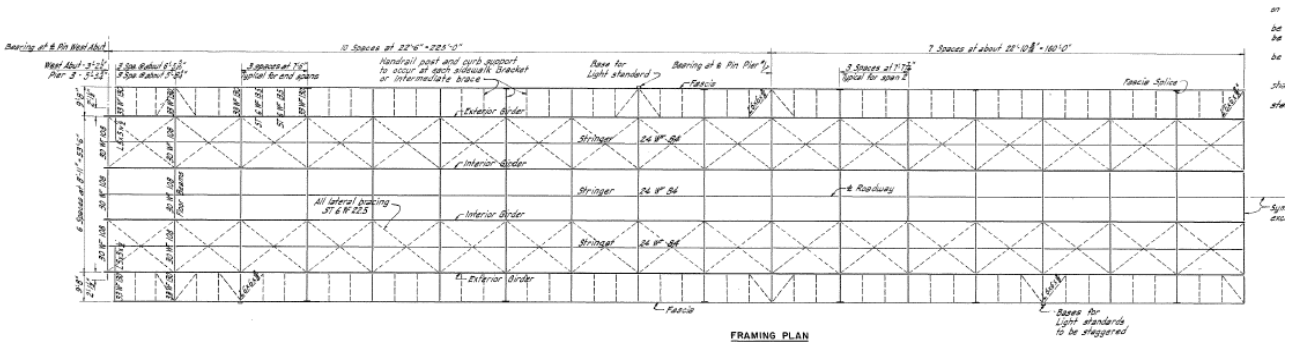
Main girders are modeled as non-composite, therefore deck reinforcement is neglected.

Framing Plan

(Ref. Plan E-14-42)

(Input)

$Skew := 0deg = 0 \cdot deg$



Load Definition

Note: The stringer model only includes structural member in between the exterior girders. Loads from the sidewalks and overhangs are assumed to be 100% taken by the exterior girder and therefore not included in the stringer mode. This model is dedicated to create a realistic environment for the interior stringers.

Hand Rails and Posts (Alluminum)+MISC @ Sidewalk

Barrier loads are assumed be 100% on the main girders, therefore not included in the stringer model. **(Input)**

Stringer Huanch load:

$$W_{huanch} := \frac{7(9in + 1in \cdot 2) \cdot 2in \cdot 150pcf}{W_{deck}} = 2.865\,psf$$ **(Input)**

SIP form load:

$SIP_{Area_wt} := 0psf$

Wearing Surface Load:

3" Wearing Surface

$WS_{Area_wt} := 3in \cdot 140pcf = 35\,psf$ **(Input)**

Supplemental Calculations - CSiBridge Program Inputs

Derived inputs for CSiBridge are presented below as computations. Underived (base) inputs are directly entered into CSiBridge and are checked during the validation of program inputs.

LRFR Analysis:

General Info:

ADT := "Unknown"

$ADTT_{one_way} := 5000$ (Assumed)

$\Phi_c := 1.0$ (Condition:Satisfactory, Superstructure, Inspection Report)

$\Phi_{c_used} := 0.95$ (Condition factor used in load rating)

$\Phi_{s_Girder} := 1.0$ (LRFR Table 6A.4.2.4-1)

Speed := 40mph (In MPH, Inspection report)

Materials:

Structural Steel:

$F_y := 33ksi$ (Steel Strength Based on year, 1951) **(Input)**

$E_{steel} := 29000ksi$ **(Input)**

Concrete:

(Concrete Strength Based on year, 1951)

$fc := 3000psi = 3 \cdot ksi$ **(Input)**

$E_{conc} := 120000 \cdot 0.145^2 \cdot 3^{0.33} ksi = 3625 \cdot ksi$ **(Input)**

Superstructure Definitions: (Ref. Bridge Plan, Sheet E-14-49)

Approach Model 1: 3 Spans continuous (Span 4 to Span 6)

Span_4_Layout := 80ft **(Input)**

Span_5_Layout := 80ft **(Input)**

Span_6_Layout := 80ft **(Input)**

$L_{BM} := Span_4_Layout + Span_5_Layout + Span_6_Layout = 240.00\ ft$ **(Input)**

Interior Girder Sections (Ref. Bridge Plan, Sheet E-14-49)

Span 4 (Non-prismatic Sections - Interior)

Span_4_Layout = 80 ft

S4_L1 := 80ft − 21ft = 59 ft W36x280 (no CP) **(Input)**

S4_L2 := 21ft − 11ft = 10 ft W36x170 (no CP) **(Input)**

S4_L3 := 11ft W36x170 (14 x 1 1/8 CP) **(Input)**

Equivalent section with CP

$t_w := 0.68in$ **(Input)**

$W_f := 14in$ **(Input)**

$t_f := \frac{14in \cdot 1.125in + 12.03in \cdot 1.1in}{14in} = 2.07 \cdot in$ **(Input)**

$H := 36.17in + 2 \cdot t_f - 1.1in \cdot 2 = 38.11 \cdot in$ **(Input)**

Span 5 (Non-prismatic Sections - Interior)

$Span_5_Layout = 80\,ft$

$S5_L1 := 11ft$ W36x170 (14 x 1 1/8 CP) **(Input)**

Equivalent section with CP

$t_w := 0.68in$ **(Input)**

$W_f := 14in$ **(Input)**

$t_f := \frac{14in \cdot 1.125in + 12.03in \cdot 1.1in}{14in} = 2.07 \cdot in$ **(Input)**

$H := 36.17in + 2t_f - 1.1in \cdot 2 = 38.11 \cdot in$ **(Input)**

$S5_L2 := 80ft - 11ft - 10ft = 59\,ft$ W36x170 (no CP) **(Input)**

$S5_L3 := 10ft$ W36x170 (14 x 1 CP) **(Input)**

Equivalent section with CP

$t_w := 0.68in$ **(Input)**

$W_f := 14in$ **(Input)**

$t_f := \frac{14in \cdot 1in + 12.03in \cdot 1.1in}{14in} = 1.945 \cdot in$ **(Input)**

$H := 36.17in + 2t_f - 1.1in \cdot 2 = 37.86 \cdot in$ **(Input)**

Span 6 (Non-prismatic Sections - Interior)

$Span_6_Layout = 80\,ft$

$S6_L1 := 10ft$ W36x170 (14 x 1 CP) **(Input)**

Equivalent section with CP

$t_w := 0.68in$ **(Input)**

$W_f := 14in$ **(Input)**

$t_f := \frac{14in \cdot 1in + 12.03in \cdot 1.1in}{14in} = 1.945 \cdot in$ **(Input)**

$H := 36.17in + 2t_f - 1.1in \cdot 2 = 37.86 \cdot in$ **(Input)**

$S6_L2 := 21ft - 10ft = 11\,ft$ W36x170 (no CP) **(Input)**

$S6_L3 := 80ft - 21ft = 59\,ft$ W36x260 (no CP) **(Input)**

Exterior Girder Sections

(Ref. Bridge Plan, Sheet E-14-49)

Span 4 (Non-prismatic Sections - Exterior)

Span_4_Layout = 80 ft

S4_L1 := 20.5ft — W36x300 (no CP) — **(Input)**

S4_L2 := 26ft — W36x300 (10x7/16 CP) — **(Input)**

Equivalent section with CP

$t_w := 0.945in$ **(Input)**

$W_f := 16.655in$ **(Input)**

$$t_f := \frac{10in \cdot \frac{7}{16}in + 16.655in \cdot 1.68in}{14in} = 2.311 \cdot in$$ **(Input)**

$$H := 36.17in + 2 \cdot t_f - 1.68in \cdot 2 = 37.432 \cdot in$$ **(Input)**

S4_L3 := 80ft − 46.5ft − 7.5ft = 26 ft — W36x300 (no CP) — **(Input)**

S4_L4 := 7.5ft — W36x300 (14x1 CP) — **(Input)**

Equivalent section with CP

$t_w := 0.945in$ **(Input)**

$W_f := 16.655in$ **(Input)**

$$t_f := \frac{14in \cdot 1in + 16.655in \cdot 1.68in}{16.655in} = 2.521 \cdot in$$ **(Input)**

$$H := 36.17in + 2 \cdot t_f - 1.68in \cdot 2 = 37.851 \cdot in$$ **(Input)**

Span 5 (Non-prismatic Sections - Exterior)

Span_5_Layout = 80 ft

S5_L1 := 7.5ft W36x300 (14x1 CP) **(Input)**

Equivalent section with CP

$t_w := 0.945in$ **(Input)**

$W_f := 16.655in$ **(Input)**

$t_f := \frac{14in \cdot 1in + 16.655in \cdot 1.68in}{16.655in} = 2.521 \cdot in$ **(Input)**

$H := 36.17in + 2 \cdot t_f - 1.68in \cdot 2 = 37.851 \cdot in$ **(Input)**

S5_L2 := 16ft − 7.5ft = 8.5 ft W36x300 (no CP) **(Input)**

S5_L3 := 80ft − 16ft·2 = 48 ft W36x170 (no CP) **(Input)**

S5_L3 := 16ft − 6ft = 10 ft W36x280 (no cp) **(Input)**

S5_L4 := 6ft W36x280 (12x1 cp) **(Input)**

Equivalent section with CP

$t_w := 0.885in$ **(Input)**

$W_f := 16.595in$ **(Input)**

$t_f := \frac{12in \cdot 1in + 16.595in \cdot 1.57in}{16.595in} = 2.293 \cdot in$ **(Input)**

$H := 36.17in + 2 \cdot t_f - 1.57in \cdot 2 = 37.616 \cdot in$ **(Input)**

Span 6 (Non-prismatic Sections - Exterior)

Span_6_Layout = 80 ft

S6_L1 := 6ft W36x280 (12x1 cp) **(Input)**

Equivalent section with CP

$t_w := 0.885in$ **(Input)**

$W_f := 16.595in$ **(Input)**

$t_f := \frac{12in \cdot 1in + 16.595in \cdot 1.57in}{16.595in} = 2.293 \cdot in$ **(Input)**

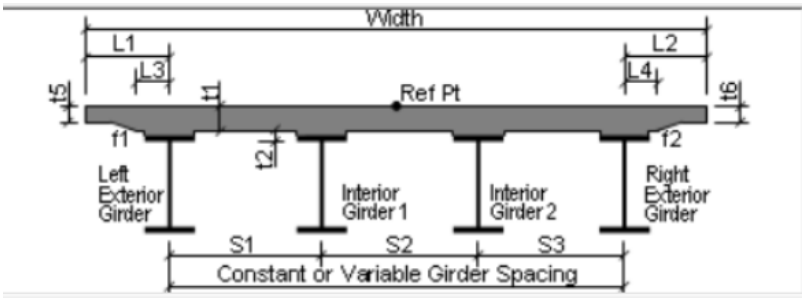
$H := 36.17in + 2 \cdot t_f - 1.57in \cdot 2 = 37.616 \cdot in$ **(Input)**

S6_L2 := 80ft − 6ft = 74 ft W36x280 (no CP) **(Input)**

Structure Typical Section

(Ref. Sheet E-14-41, Sheet E-14-48)

Deck



$W_{deck_struct} := 56ft + 2\cdot(1ft + 3in) = 58.5\,ft$ (Strcutural Deck width) **(Input)**

$t_1 := 6.5in$ (Deck thickness - Interiror bays) **(Input)**

(Side Walks members are modeled as a line load at both edges)

$No_of_girder := 8$ (Total number of Girders)

$No_of_int_girder := 6$ (Number of interior Girders) **(Input)**

$S1 := 8ft = 96\cdot in$ (Girder spacing) **(Input)**

$OH := 1ft + 3in = 15\cdot in$ (Overhang) **(Input)**

Lane Position

(5) 10 ft lanes (Inspection Photo) **(Input)**

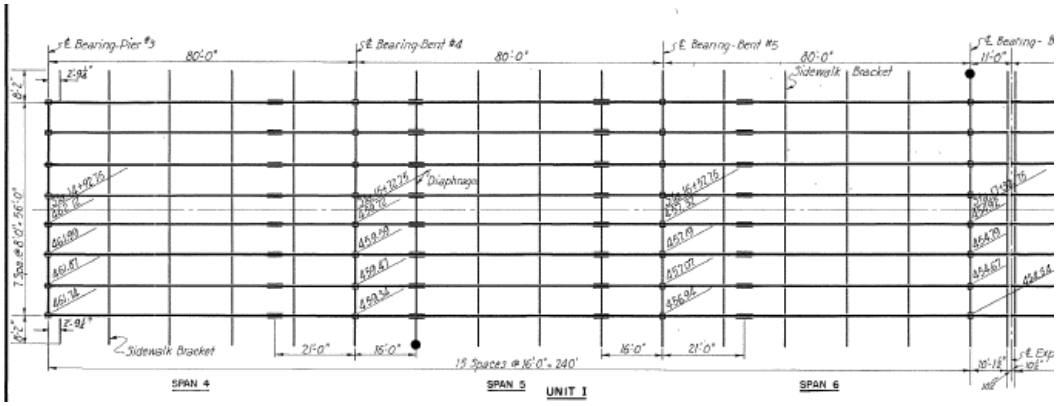
Deck Long. Reinforcement

Main girders are modeled as non-composite, therefore deck reinforcement is neglected.

Framing Plan

(Ref. Plan E-14-49)

Skew := 0deg = 0·deg **(Input)**



Intermediate Diaphragm (Built-up section)

(Ref. Plan E-14-45)

H := 30.5in **(Input)**

t_w := 0.375in **(Input)**

W_f := 3.5in·2 + 0.375in = 7.375·in **(Input)**

$t_f := \frac{5}{16}$in = 0.313·in **(Input)**

Connection PL: 8 x 3/8 **(Input)**

End Diaphragm (Built-up section)

(Ref. Plan E-14-45)

C 15 x 33.9 **(Input)**

Connection PL: 5 x 3/8 **(Input)**

Load Definition

Side Walk + Rail (line load)

$A_{sw} := 8in \cdot 20in + 15in \cdot 9in + (8ft + 2in - 8in - 15in) \cdot 4in \ldots + \frac{(6in)^2}{2} \cdot 2 = 4.382\,ft^2$

$W_{sw} := A_{sw} \cdot 150pcf = 657.3\,plf$

$A_{brac} := 0.375in \cdot \frac{(20in + 37in)}{2} + 6in \cdot 0.375in \cdot 2 = 0.105\,ft^2$

$W_{brac} := \frac{\left[A_{brac} \cdot 490pcf \cdot (9ft + 2.375in)\right]}{16ft} = 29.7\,plf$

$A_{conc_diaphragm} := 6in \cdot 12in = 0.5 \cdot ft^2$

$W_{conc_diaphragm} := \frac{\left[A_{conc_diaphragm} \cdot 150pcf \cdot (7.5ft)\right]}{16ft} = 35.2\,plf$

$W_{rail} := 150plf$ (aluminum)

$W_{MISC} := 50plf$ (Other MISC steel parts @ sidewalk)

$W_{total} := W_{sw} + W_{brac} + W_{conc_diaphragm} + W_{rail} + W_{MISC} = 922.2\,plf$ **(Input)**

Haunch Surface Load:

$H_{Conc_Area1} := (16in + 2in \cdot 2) \cdot 3in - 16in \cdot 1in = 44 \cdot in^2$

$H_{Line_wt} := \left(H_{Conc_Area1}\right) \cdot 150pcf = 45.833\,plf$

$H_{Area_wt} := \frac{\left(8H_{Line_wt}\right)}{W_{deck_struct}} = 6.268\,psf$ **(Input)**

SIP form load:

$SIP_{Area_wt} := 0psf$ (Inspection photo)

Wearing Surface Load:

3" Wearing Surface (Inspection Report)

$WS_{Area_wt} := 3in \cdot 140pcf = 35\,psf$ **(Input)**

Supplemental Calculations - CSiBridge Program Inputs

Derived inputs for CSiBridge are presented below as computations. Underived (base) inputs are directly entered into CSiBridge and are checked during the validation of program inputs.

LRFR Analysis:

General Info:

ADT := "Unknown"

$ADTT_{one_way} := 5000$ (Assumed)

$\Phi_c := 1.0$ (Condition:Satisfactory, Superstructure, Inspection Report)

$\Phi_{c_used} := 0.95$ (Condition factor used in load rating)

System Factors: (LRFR Table 6A.4.2.4-1)

$\Phi_{s_Girder} := 1.0$ (Four-Girder system)

Speed := 40mph (In MPH, Inspection report)

Materials:

Structural Steel:

$F_y := 33ksi$ (Steel Strength Based on year, 1951) **(Input)**

$E_{steel} := 29000ksi$ **(Input)**

Concrete:

(Concrete Strength Based on year, 1951)

$fc := 3000psi = 3 \cdot ksi$ **(Input)**

$E_{conc} := 120000 \cdot 0.145^2 \cdot 3^{0.33} ksi = 3625 \cdot ksi$ **(Input)**

Superstructure Definitions: (Ref. Bridge Plan, Sheet E-14-49)

Approach Model 2: 5 Spans continuous (Span 7 to Span 11)

$Span_7_Layout := 56ft + 5in = 56.42\,ft$ **(Input)**

$Span_8_Layout := 67ft + 5in = 67.42\,ft$ **(Input)**

$Span_9_Layout := 67ft + 5in = 67.42\,ft$ **(Input)**

$Span_10_Layout := 67ft + 5in = 67.42\,ft$ **(Input)**

$Span_11_Layout := 56ft + 5in = 56.42\,ft$ **(Input)**

$L_{BM} := Span_7_Layout + Span_8_Layout + Span_9_Layout ... + Span_10_Layout + Span_11_Layout = 315.08\,ft$ **(Input)**

Interior Girder Sections (Ref. Bridge Plan, Sheet E-14-49)

Span 7 (Non-prismatic Sections - Interior)

$Span_7_Layout = 56.42\,ft$

$S7_L1 := Span_7_Layout - 4.5ft = 51.92\,ft$ W36x170 (no CP) **(Input)**

$S7_L2 := 4.5ft$ W36x170 (8 x 3/8 CP) **(Input)**

Equivalent section with CP

$t_w := 0.68in$ **(Input)**

$W_f := 12.03in$ **(Input)**

$t_f := \frac{8in \cdot 0.375in + 12.03in \cdot 1.1in}{12.03in} = 1.349 \cdot in$ **(Input)**

$H := 36.17in + 2 \cdot t_f - 1.1in \cdot 2 = 36.669 \cdot in$ **(Input)**

Span 8 (Non-prismatic Sections - Interior)

$Span_8_Layout = 67.42\,ft$

$S8_L1 := 4.5ft$ W36x170 (8 x 3/8 CP) **(Input)**

Equivalent section with CP

$t_w := 0.68in$ **(Input)**

$W_f := 12.03in$ **(Input)**

$t_f := \frac{8in \cdot 0.375in + 12.03in \cdot 1.1in}{12.03in} = 1.349 \cdot in$ **(Input)**

$H := 36.17in + 2 \cdot t_f - 1.1in \cdot 2 = 36.669 \cdot in$ **(Input)**

$S8_L2 := 13.5ft - 4.5ft = 9\,ft$ W36x170 (no CP) **(Input)**

$S8_L3 := Span_8_Layout - 13.5ft - 5ft = 48.92\,ft$ W36x160 (no CP) **(Input)**

$S8_L4 := 5ft$ W36x160 (10 x 1/2 CP) **(Input)**

Equivalent section with CP

$t_w := 0.65in$ **(Input)**

$W_f := 12in$ **(Input)**

$t_f := \frac{10in \cdot 0.5in + 12in \cdot 1.02in}{12in} = 1.437 \cdot in$ **(Input)**

$H := 36.01in + 2t_f - 1.1in \cdot 2 = 36.683 \cdot in$ **(Input)**

Span 9 (Non-prismatic Sections - Interior)

$Span_9_Layout = 67.417\,ft$

$S9_L1 := 5ft$ W36x160 (10 x 1/2 CP) **(Input)**

Equivalent section with CP

$t_w := 0.65in$ **(Input)**

$W_f := 12in$ **(Input)**

$t_f := \frac{10in \cdot 0.5in + 12in \cdot 1.02in}{12in} = 1.437 \cdot in$ **(Input)**

$H := 36.01in + 2t_f - 1.1in \cdot 2 = 36.683 \cdot in$ **(Input)**

$S9_L2 := Span_9_Layout - 5ft - 5ft = 57.42\,ft$ W36x160 (no CP) **(Input)**

$S9_L3 := 5ft$ W36x160 (10 x 1/2 CP) **(Input)**

Equivalent section with CP

$t_w := 0.65in$ **(Input)**

$W_f := 12in$ **(Input)**

$t_f := \frac{10in \cdot 0.5in + 12in \cdot 1.02in}{12in} = 1.437 \cdot in$ **(Input)**

$H := 36.01in + 2t_f - 1.1in \cdot 2 = 36.683 \cdot in$ **(Input)**

Span 10 (Non-prismatic Sections - Interior)

$S10_L1 := 5ft$ W36x160 (10 x 1/2 CP) **(Input)**

Equivalent section with CP

$t_w := 0.65in$ **(Input)**

$W_f := 12in$ **(Input)**

$t_f := \frac{10in \cdot 0.5in + 12in \cdot 1.02in}{12in} = 1.437 \cdot in$ **(Input)**

$H := 36.01in + 2t_f - 1.1in \cdot 2 = 36.683 \cdot in$ **(Input)**

$S10_L2 := Span_10_Layout - 5ft - 13.5ft = 48.92\,ft$ W36x160 (no CP) **(Input)**

$S10_L3 := 13.5ft - 4.5ft = 9\,ft$ W36x170 (no CP) **(Input)**

$S10_L4 := 4.5ft$ W36x170 (8 x 3/8 CP) **(Input)**

Equivalent section with CP

$t_w := 0.68in$ **(Input)**

$W_f := 12.03in$ **(Input)**

$t_f := \frac{8in \cdot 0.375in + 12.03in \cdot 1.1in}{12.03in} = 1.349 \cdot in$ **(Input)**

$H := 36.17in + 2 \cdot t_f - 1.1in \cdot 2 = 36.669 \cdot in$ **(Input)**

Span 11 (Non-prismatic Sections - Interior)

$Span_11_Layout = 56.42\,ft$

$S11_L1 := 4.5ft$ W36x170 (8 x 3/8 CP) **(Input)**

Equivalent section with CP

$t_w := 0.68in$ **(Input)**

$W_f := 12.03in$ **(Input)**

$t_f := \frac{8in \cdot 0.375in + 12.03in \cdot 1.1in}{12.03in} = 1.349 \cdot in$ **(Input)**

$H := 36.17in + 2 \cdot t_f - 1.1in \cdot 2 = 36.669 \cdot in$ **(Input)**

$S11_L2 := Span_11_Layout - 4.5ft = 51.92\,ft$ W36x170 (no CP) **(Input)**

Exterior Girder Sections

(Ref. Bridge Plan, Sheet E-14-49)

Span 7 (Non-prismatic Sections - Exterior)

$Span_7_Layout = 56.42\,ft$

$S7_L1 := Span_7_Layout - 7ft = 49.42\,ft$ W36x182 (no CP) **(Input)**

$S7_L2 := 7ft$ W36x182 (14 x 3/4 CP) **(Input)**

Equivalent section with CP

$t_w := 0.725in$ **(Input)**

$W_f := 14in$ **(Input)**

$t_f := \frac{14in \cdot 0.75in + 12.075in \cdot 1.18in}{14in} = 1.768 \cdot in$ **(Input)**

$H := 36.33in + 2 \cdot t_f - 1.18in \cdot 2 = 37.505 \cdot in$ **(Input)**

Span 8 (Non-prismatic Sections - Exterior)

$Span_8_Layout = 67.42\,ft$

$S8_L1 := 7ft$ W36x182 (14 x 3/4 CP) **(Input)**

Equivalent section with CP

$t_w := 0.725in$ **(Input)**

$W_f := 14in$ **(Input)**

$t_f := \frac{14in \cdot 0.75in + 12.075in \cdot 1.18in}{14in} = 1.768 \cdot in$ **(Input)**

$H := 36.33in + 2 \cdot t_f - 1.18in \cdot 2 = 37.505 \cdot in$ **(Input)**

$S8_L2 := 13.5ft - 7ft = 6.5\,ft$ W36x182 (no CP) **(Input)**

$S8_L3 := Span_8_Layout - 13.5ft - 7.5ft = 46.42\,ft$ W36x160 (no CP) **(Input)**

$S8_L4 := 7.5ft$ W36x160 (14 x 7/8 CP) **(Input)**

Equivalent section with CP

$t_w := 0.65in$ **(Input)**

$W_f := 14in$ **(Input)**

$t_f := \frac{14in \cdot 0.875in + 12in \cdot 1.02in}{14in} = 1.749 \cdot in$ **(Input)**

$H := 36.01in + 2t_f - 1.02in \cdot 2 = 37.469 \cdot in$ **(Input)**

Span 9 (Non-prismatic Sections - Exterior)

$Span_9_Layout = 67.417\,ft$

$S9_L1 := 7.5ft$ W36x160 (14 x 7/8 CP) **(Input)**

Equivalent section with CP

$t_w := 0.65in$ **(Input)**

$W_f := 14in$ **(Input)**

$t_f := \frac{14in \cdot 0.875in + 12in \cdot 1.02in}{14in} = 1.749 \cdot in$ **(Input)**

$H := 36.01in + 2t_f - 1.02in \cdot 2 = 37.469 \cdot in$ **(Input)**

$S9_L2 := Span_9_Layout - 7.5ft - 7.5ft = 52.42\,ft$ W36x160 (no CP) **(Input)**

$S9_L3 := 7.5ft$ W36x160 (14 x 7/8 CP) **(Input)**

Equivalent section with CP

$t_w := 0.65in$ **(Input)**

$W_f := 14in$ **(Input)**

$t_f := \frac{14in \cdot 0.875in + 12in \cdot 1.02in}{14in} = 1.749 \cdot in$ **(Input)**

$H := 36.01in + 2t_f - 1.02in \cdot 2 = 37.469 \cdot in$ **(Input)**

Span 10 (Non-prismatic Sections - Exterior)

$S10_L1 := 7.5ft$ W36x160 (14 x 7/8 CP) **(Input)**

Equivalent section with CP

$t_w := 0.65in$ **(Input)**

$W_f := 14in$ **(Input)**

$t_f := \frac{14in \cdot 0.875in + 12in \cdot 1.02in}{14in} = 1.749 \cdot in$ **(Input)**

$H := 36.01in + 2t_f - 1.02in \cdot 2 = 37.469 \cdot in$ **(Input)**

$S10_L2 := Span_10_Layout - 7.5ft - 13.5ft = 46.42\,ft$ W36x160 (no CP) **(Input)**

$S10_L3 := 13.5ft - 7ft = 6.5\,ft$ W36x182 (no CP) **(Input)**

$S10_L4 := 7ft$ W36x182 (14 x 3/4 CP) **(Input)**

Equivalent section with CP

$t_w := 0.725in$ **(Input)**

$W_f := 14in$ **(Input)**

$t_f := \frac{14in \cdot 0.75in + 12.075in \cdot 1.18in}{14in} = 1.768 \cdot in$ **(Input)**

$H := 36.33in + 2 \cdot t_f - 1.18in \cdot 2 = 37.505 \cdot in$ **(Input)**

Span 11 (Non-prismatic Sections - Exterior)

$Span_11_Layout = 56.42\,ft$

$S11_L1 := 7ft$ W36x182 (14 x 3/4 CP) **(Input)**

Equivalent section with CP

$t_w := 0.725in$ **(Input)**

$W_f := 14in$ **(Input)**

$t_f := \frac{14in \cdot 0.75in + 12.075in \cdot 1.18in}{14in} = 1.768 \cdot in$ **(Input)**

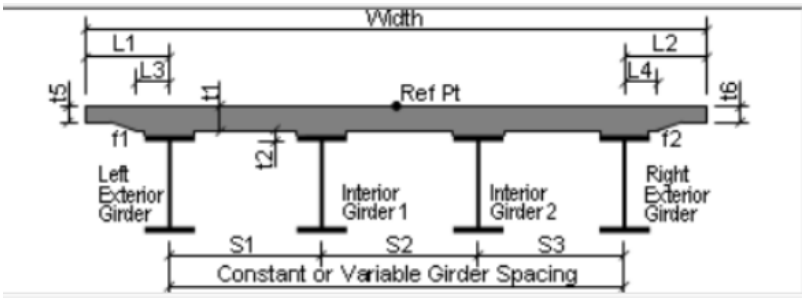
$H := 36.33in + 2 \cdot t_f - 1.18in \cdot 2 = 37.505 \cdot in$ **(Input)**

$S11_L2 := Span_11_Layout - 7ft = 49.42\,ft$ W36x182 (no CP) **(Input)**

Structure Typical Section

(Ref. Sheet E-14-41, Sheet E-14-48)

Deck



$W_{deck_struct} := 56ft + 2\cdot(1ft + 3in) = 58.5\,ft$ (Strcutural Deck width) **(Input)**

$t_1 := 6.5in$ (Deck thickness - Interiror bays) **(Input)**

(Side Walks members are modeled as a line load at both edges)

$No_of_girder := 8$ (Total number of Girders)

$No_of_int_girder := 6$ (Number of interior Girders) **(Input)**

$S1 := 8ft = 96\cdot in$ (Girder spacing) **(Input)**

$OH := 1ft + 3in = 15\cdot in$ (Overhang) **(Input)**

Lane Position

(5) 10 ft lanes (Inspection Photo) **(Input)**

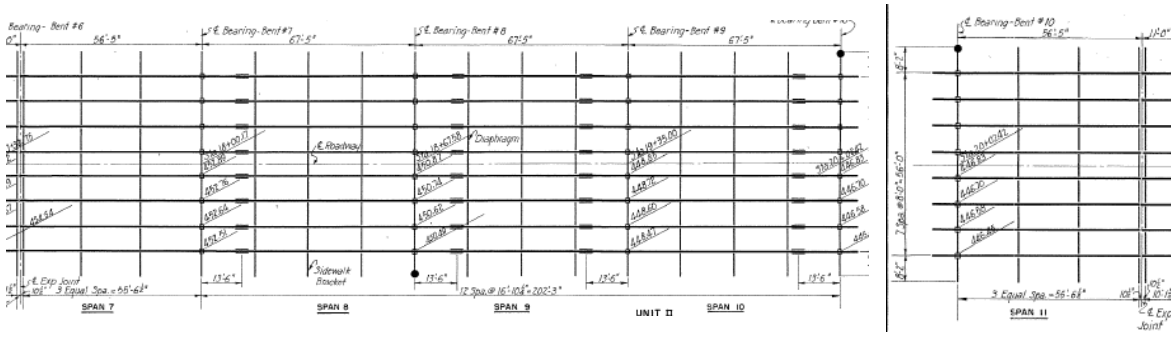
Deck Long. Reinforcement

Main girders are modeled as non-composite, therefore deck reinforcement is neglected.

Framing Plan

(Ref. Plan E-14-49)

Skew := 0deg = 0·deg **(Input)**



Intermediate Diaphragm (Built-up section) (Ref. Plan E-14-45)

H := 30.5in **(Input)**

t_w := 0.375in **(Input)**

W_f := 3.5in·2 + 0.375in = 7.375·in **(Input)**

$t_f := \frac{5}{16}$in = 0.313·in **(Input)**

Connection PL: 8 x 3/8 **(Input)**

End Diaphragm (Built-up section) (Ref. Plan E-14-45)

C 15 x 33.9 **(Input)**

Connection PL: 5 x 3/8 **(Input)**

Load Definition

Side Walk + Rail (line load)

$A_{sw} := 8in \cdot 20in + 15in \cdot 9in + (8ft + 2in - 8in - 15in) \cdot 4in \ldots + \frac{(6in)^2}{2} \cdot 2 = 4.382\,ft^2$

$W_{sw} := A_{sw} \cdot 150pcf = 657.3\,plf$

$A_{brac} := 0.375in \cdot \frac{(20in + 37in)}{2} + 6in \cdot 0.375in \cdot 2 = 0.105\,ft^2$

$W_{brac} := \frac{\left[A_{brac} \cdot 490pcf \cdot (9ft + 2.375in)\right]}{16ft} = 29.7\,plf$

$A_{conc_diaphragm} := 6in \cdot 12in = 0.5 \cdot ft^2$

$W_{conc_diaphragm} := \frac{\left[A_{conc_diaphragm} \cdot 150pcf \cdot (7.5ft)\right]}{16ft} = 35.2\,plf$

$W_{rail} := 150plf$ (aluminum)

$W_{MISC} := 50plf$ (Other MISC steel parts @ sidewalk)

$W_{total} := W_{sw} + W_{brac} + W_{conc_diaphragm} + W_{rail} + W_{MISC} = 922.2\,plf$ **(Input)**

Haunch Surface Load:

$H_{Conc_Area1} := (16in + 2in \cdot 2) \cdot 3in - 16in \cdot 1in = 44 \cdot in^2$

$H_{Line_wt} := \left(H_{Conc_Area1}\right) \cdot 150pcf = 45.833\,plf$

$H_{Area_wt} := \frac{\left(8H_{Line_wt}\right)}{W_{deck_struct}} = 6.268\,psf$ **(Input)**

SIP form load:

$SIP_{Area_wt} := 0psf$ (Inspection photo)

Wearing Surface Load:

3" Wearing Surface (Inspection Report)

$WS_{Area_wt} := 3in \cdot 140pcf = 35\,psf$ **(Input)**

Supplemental Calculations - CSiBridge Program Inputs

Derived inputs for CSiBridge are presented below as computations. Underived (base) inputs are directly entered into CSiBridge and are checked during the validation of program inputs.

LRFR Analysis:

General Info:

ADT := "Unknown"

$ADTT_{one_way} := 5000$ (Assumed)

$\Phi_c := 1.0$ (Condition:Satisfactory, Superstructure, Inspection Report)

$\Phi_{c_used} := 0.95$ (Condition factor used in load rating)

System Factors: (LRFR Table 6A.4.2.4-1)

$\Phi_{s_Girder} := 1.0$ (Four-Girder system)

Speed := 40mph (In MPH, Inspection report)

Materials:

Structural Steel:

$F_y := 33ksi$ (Steel Strength Based on year, 1951) **(Input)**

$E_{steel} := 29000ksi$ **(Input)**

Concrete:

(Concrete Strength Based on year, 1951)

$fc := 3000psi = 3 \cdot ksi$ **(Input)**

$E_{conc} := 120000 \cdot 0.145^2 \cdot 3^{0.33} ksi = 3625 \cdot ksi$ **(Input)**

Superstructure Definitions: (Ref. Bridge Plan, Sheet E-14-49)

Approach Model 3: 4 Spans continuous (Span 12 to Span 15)

$Span_12_Layout := 67ft + 5in - 11ft = 56.42\,ft$ **(Input)**

(Starting from inflection point, 11ft from bearing @Bent 11)

$Span_13_Layout := 67ft + 5in = 67.42\,ft$ **(Input)**

$Span_14_Layout := 13ft + 10in + \frac{13}{16}in + 18ft + 4in + \frac{7}{16}in + 35ft \ldots + 11in + \frac{3}{8}in = 68.22\,ft$ **(Input)**

$Span_15_Layout := 67ft + 10in - 11ft = 56.83\,ft$ **(Input)**

(End @ inflection point, 11ft from bearing @Bent 15)

$L_{BM} := Span_12_Layout + Span_13_Layout + Span_14_Layout \ldots + Span_15_Layout = 248.89\,ft$ **(Input)**

Interior Girder Sections (Ref. Bridge Plan, Sheet E-14-49)

Span 12 (Non-prismatic Sections - Interior)

$Span_12_Layout = 56.42\,ft$

$S12_L1 := Span_12_Layout - 13.5ft = 42.92\,ft$ W36x194 (no CP) **(Input)**

$S12_L2 := 13.5ft - 6ft = 7.5\,ft$ W36x160 (no CP) **(Input)**

$S12_L3 := 6ft$ W36x160 (10 x 5/8 CP) **(Input)**

Equivalent section with CP

$t_w := 0.65in$ **(Input)**

$W_f := 12in$ **(Input)**

$t_f := \frac{10in \cdot 0.625in + 12in \cdot 1.02in}{12.03in} = 1.537 \cdot in$ **(Input)**

$H := 36.01in + 2 \cdot t_f - 1.02in \cdot 2 = 37.044 \cdot in$ **(Input)**

Span 13 (Non-prismatic Sections - Interior)

$Span_13_Layout = 67.42\,ft$

$S13_L1 := 6ft$ W36x160 (10 x 5/8 CP) **(Input)**

Equivalent section with CP

$t_w := 0.65in$ **(Input)**

$W_f := 12in$ **(Input)**

$t_f := \frac{10in \cdot 0.625in + 12in \cdot 1.02in}{12.03in} = 1.537 \cdot in$ **(Input)**

$H := 36.01in + 2 \cdot t_f - 1.02in \cdot 2 = 37.044 \cdot in$ **(Input)**

$S13_L2 := Span_13_Layout - 6ft - 5.5ft = 55.917\,ft$ W36x160 (no CP) **(Input)**

$S13_L3 := 5.5ft$ W36x160 (10 x 5/8 CP) **(Input)**

Equivalent section with CP

$t_w := 0.65in$ **(Input)**

$W_f := 12in$ **(Input)**

$t_f := \frac{10in \cdot 0.625in + 12in \cdot 1.02in}{12.03in} = 1.537 \cdot in$ **(Input)**

$H := 36.01in + 2 \cdot t_f - 1.02in \cdot 2 = 37.044 \cdot in$ **(Input)**

Span 14 (Non-prismatic Sections - Interior)

$Span_14_Layout = 68.22\,ft$

$S14_L1 := 5.5ft$ W36x160 (10 x 5/8 CP) **(Input)**

Equivalent section with CP

$t_w := 0.65in$ **(Input)**

$W_f := 12in$ **(Input)**

$t_f := \frac{10in \cdot 0.625in + 12in \cdot 1.02in}{12.03in} = 1.537 \cdot in$ **(Input)**

$H := 36.01in + 2 \cdot t_f - 1.02in \cdot 2 = 37.044 \cdot in$ **(Input)**

$S14_L2 := Span_14_Layout - 5.5ft - 6ft = 56.72\,ft$ W36x160 (no CP) **(Input)**

$S14_L3 := 6ft$ W36x160 (10 x 3/4 CP) **(Input)**

Equivalent section with CP

$t_w := 0.65in$ **(Input)**

$W_f := 12in$ **(Input)**

$t_f := \frac{10in \cdot 0.75in + 12in \cdot 1.02in}{12.03in} = 1.641 \cdot in$ **(Input)**

$H := 36.01in + 2 \cdot t_f - 1.02in \cdot 2 = 37.252 \cdot in$ **(Input)**

Span 15 (Non-prismatic Sections - Interior)

Span_15_Layout = 56.83 ft

S15_L1 := 6ft — W36x160 (10 x 3/4 CP) **(Input)**

Equivalent section with CP

$t_w := 0.65in$ **(Input)**

$W_f := 12in$ **(Input)**

$t_f := \frac{10in \cdot 0.75in + 12in \cdot 1.02in}{12.03in} = 1.641 \cdot in$ **(Input)**

$H := 36.01in + 2 \cdot t_f - 1.02in \cdot 2 = 37.252 \cdot in$ **(Input)**

S15_L2 := 13.5ft − 6ft = 7.5 ft — W36x160 (no CP) **(Input)**

S15_L3 := Span_15_Layout − 13.5ft = 43.33 ft — W36x230 (no CP) **(Input)**

Exterior Girder Sections

(Ref. Bridge Plan, Sheet E-14-49)

Span 12 (Non-prismatic Sections - Exterior)

Span_12_Layout = 56.42 ft

S12_L1 := Span_12_Layout − 13.5ft = 42.92 ft — W36x194 (no CP) **(Input)**

S12_L2 := 13.5ft − 8.5ft = 5 ft — W36x160 (no CP) **(Input)**

S12_L3 := 8.5ft — W36x160 (14 x 1 CP) **(Input)**

Equivalent section with CP

$t_w := 0.65in$ **(Input)**

$W_f := 14in$ **(Input)**

$t_f := \frac{14in \cdot 1in + 12in \cdot 1.02in}{14in} = 1.874 \cdot in$ **(Input)**

$H := 36.01in + 2 \cdot t_f - 1.02in \cdot 2 = 37.719 \cdot in$ **(Input)**

Span 13 (Non-prismatic Sections - Exterior)

Span_13_Layout = 67.42 ft

S13_L1 := 8.5ft — W36x160 (14 x 1 CP) — **(Input)**

Equivalent section with CP

$t_w := 0.65in$ **(Input)**

$W_f := 14in$ **(Input)**

$t_f := \frac{14in \cdot 1in + 12in \cdot 1.02in}{14in} = 1.874 \cdot in$ **(Input)**

$H := 36.01in + 2 \cdot t_f - 1.02in \cdot 2 = 37.719 \cdot in$ **(Input)**

S13_L2 := Span_13_Layout − 8.5ft·2 = 50.417 ft — W36x160 (no CP) — **(Input)**

S13_L3 := 8.5ft — W36x160 (14 x 1 CP) — **(Input)**

Equivalent section with CP

$t_w := 0.65in$ **(Input)**

$W_f := 14in$ **(Input)**

$t_f := \frac{14in \cdot 1in + 12in \cdot 1.02in}{14in} = 1.874 \cdot in$ **(Input)**

$H := 36.01in + 2 \cdot t_f - 1.02in \cdot 2 = 37.719 \cdot in$ **(Input)**

Span 14 (Non-prismatic Sections - Exterior)

$Span_14_Layout = 68.22\,ft$

$S14_L1 := 8.5ft$ W36x160 (14 x 1 CP) **(Input)**

Equivalent section with CP

$t_w := 0.65in$ **(Input)**

$W_f := 14in$ **(Input)**

$t_f := \frac{14in \cdot 1in + 12in \cdot 1.02in}{14in} = 1.874 \cdot in$ **(Input)**

$H := 36.01in + 2 \cdot t_f - 1.02in \cdot 2 = 37.719 \cdot in$ **(Input)**

$S14_L2 := Span_14_Layout - 8.5ft \cdot 2 = 51.22\,ft$ W36x160 (no CP) **(Input)**

$S14_L3 := 8.5ft$ W36x160 (14 x 1 1/8 CP) **(Input)**

Equivalent section with CP

$t_w := 0.65in$ **(Input)**

$W_f := 14in$ **(Input)**

$t_f := \frac{14in \cdot 1.125in + 12in \cdot 1.02in}{14in} = 1.999 \cdot in$ **(Input)**

$H := 36.01in + 2 \cdot t_f - 1.02in \cdot 2 = 37.969 \cdot in$ **(Input)**

Span 15 (Non-prismatic Sections - Exterior)

$Span_15_Layout = 56.83\,ft$

$S15_L1 := 8.5ft$ W36x160 (14 x 1 1/8 CP) **(Input)**

Equivalent section with CP

$t_w := 0.65in$ **(Input)**

$W_f := 14in$ **(Input)**

$t_f := \frac{14in \cdot 1.125in + 12in \cdot 1.02in}{14in} = 1.999 \cdot in$ **(Input)**

$H := 36.01in + 2 \cdot t_f - 1.02in \cdot 2 = 37.969 \cdot in$ **(Input)**

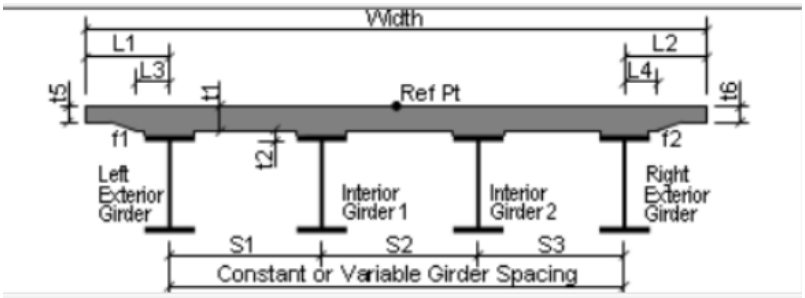
$S15_L2 := 13.5ft - 8.5ft = 5\,ft$ W36x160 (no CP) **(Input)**

$S15_L3 := Span_15_Layout - 13.5ft = 43.33\,ft$ W36x230 (no CP) **(Input)**

Structure Typical Section

(Ref. Sheet E-14-41, Sheet E-14-48)

Deck



$W_{deck_struct} := 56ft + 2\cdot(1ft + 3in) = 58.5\,ft$ (Strcutural Deck width) **(Input)**

$t_1 := 6.5in$ (Deck thickness - Interiror bays) **(Input)**

(Side Walks members are modeled as a line load at both edges)

$No_of_girder := 8$ (Total number of Girders)

$No_of_int_girder := 6$ (Number of interior Girders) **(Input)**

$S1 := 8ft = 96\cdot in$ (Girder spacing) **(Input)**

$OH := 1ft + 3in = 15\cdot in$ (Overhang) **(Input)**

Lane Position

(5) 10 ft lanes (Inspection Photo) **(Input)**

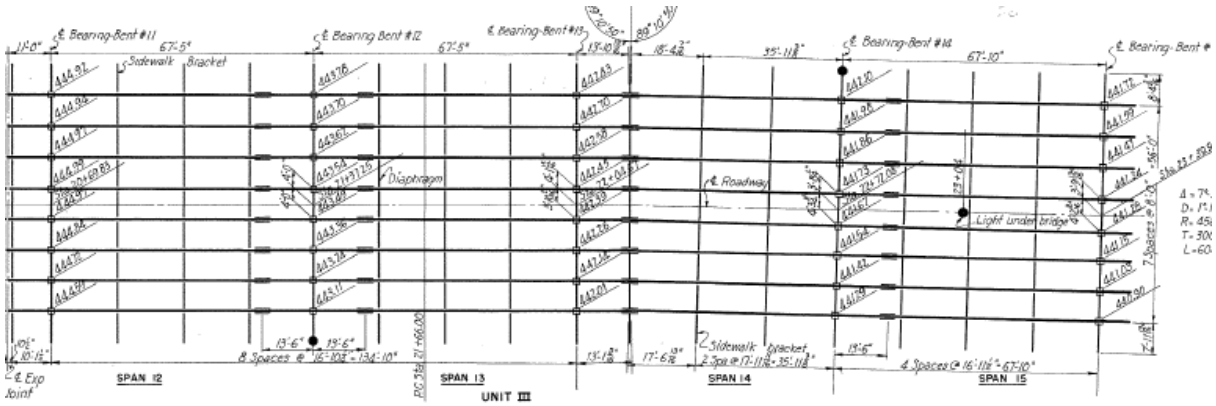
Deck Long. Reinforcement

Main girders are modeled as non-composite, therefore deck reinforcement is neglected.

Framing Plan

(Ref. Plan E-14-49)

Skew := 0deg = 0·deg **(Input)**



Intermediate Diaphragm (Built-up section)

(Ref. Plan E-14-45)

H := 30.5in **(Input)**

t_w := 0.375in **(Input)**

W_f := 3.5in·2 + 0.375in = 7.375·in **(Input)**

$t_f := \frac{5}{16}$in = 0.313·in **(Input)**

Connection PL: 8 x 3/8 **(Input)**

End Diaphragm (Built-up section)

(Ref. Plan E-14-45)

C 15 x 33.9 **(Input)**

Connection PL: 5 x 3/8 **(Input)**

Load Definition

Side Walk + Rail (line load)

$A_{sw} := 8in \cdot 20in + 15in \cdot 9in + (8ft + 2in - 8in - 15in) \cdot 4in \ldots + \frac{(6in)^2}{2} \cdot 2 = 4.382\,ft^2$

$W_{sw} := A_{sw} \cdot 150pcf = 657.3\,plf$

$A_{brac} := 0.375in \cdot \frac{(20in + 37in)}{2} + 6in \cdot 0.375in \cdot 2 = 0.105\,ft^2$

$W_{brac} := \frac{\left[A_{brac} \cdot 490pcf \cdot (9ft + 2.375in)\right]}{16ft} = 29.7\,plf$

$A_{conc_diaphragm} := 6in \cdot 12in = 0.5 \cdot ft^2$

$W_{conc_diaphragm} := \frac{\left[A_{conc_diaphragm} \cdot 150pcf \cdot (7.5ft)\right]}{16ft} = 35.2\,plf$

$W_{rail} := 150plf$ (aluminum)

$W_{MISC} := 50plf$ (Other MISC steel parts @ sidewalk)

$W_{total} := W_{sw} + W_{brac} + W_{conc_diaphragm} + W_{rail} + W_{MISC} = 922.2\,plf$ **(Input)**

Haunch Surface Load:

$H_{Conc_Area1} := (16in + 2in \cdot 2) \cdot 3in - 16in \cdot 1in = 44 \cdot in^2$

$H_{Line_wt} := \left(H_{Conc_Area1}\right) \cdot 150pcf = 45.833\,plf$

$H_{Area_wt} := \frac{\left(8H_{Line_wt}\right)}{W_{deck_struct}} = 6.268\,psf$ **(Input)**

SIP form load:

$SIP_{Area_wt} := 0psf$ (Inspection photo)

Wearing Surface Load:

3" Wearing Surface (Inspection Report)

$WS_{Area_wt} := 3in \cdot 140pcf = 35\,psf$ **(Input)**

Supplemental Calculations - CSiBridge Program Inputs

Derived inputs for CSiBridge are presented below as computations. Underived (base) inputs are directly entered into CSiBridge and are checked during the validation of program inputs.

LRFR Analysis:

General Info:

$ADT := \text{"Unknown"}$

$ADTT_{one_way} := 5000$ (Assumed)

$\Phi_c := 1.0$ (Condition:Satisfactory, Superstructure, Inspection Report)

$\Phi_{c_used} := 0.95$ (Condition factor used in load rating)

System Factors: (LRFR Table 6A.4.2.4-1)

$\Phi_{s_Girder} := 1.0$ (Four-Girder system)

$Speed := 40mph$ (In MPH, Inspection report)

Materials:

Structural Steel:

$F_y := 33ksi$ (Steel Strength Based on year, 1951) **(Input)**

$E_{steel} := 29000ksi$ **(Input)**

Concrete:

(Concrete Strength Based on year, 1951)

$fc := 3000psi = 3 \cdot ksi$ **(Input)**

$E_{conc} := 120000 \cdot 0.145^2 \cdot 3^{0.33} ksi = 3625 \cdot ksi$ **(Input)**

Superstructure Definitions: (Ref. Bridge Plan, Sheet E-14-50)

Approach Model 4: 4 Spans continuous (Span 16 to Span 19)

$Span_16_Layout := 16ft + 1.75in + 17ft + 11.25in + 11ft + 6.5in = 45.63\,ft$ **(Input)**

(Starting from inflection point, 11ft from bearing @Bent 15)

$Span_17_Layout := 11ft + 6.5in + 18ft + 6.125in + 37ft + 0.375in = 67.08\,ft$ **(Input)**

$Span_18_Layout := 57ft + 6in = 57.5\,ft$ **(Input)**

$Span_19_Layout := 38ft + 4in + 19ft + 8in + \frac{11}{16}in = 58.06\,ft$ **(Input)**

$L_{BM} := Span_16_Layout + Span_17_Layout + Span_18_Layout ... + Span_19_Layout = 228.27\,ft$ **(Input)**

Interior Girder Sections (Ref. Bridge Plan, Sheet E-14-49)

Span 16 (Non-Prismatic Sections - Interior)

$Span_16_Layout = 45.63\,ft$

$S16_L1 := Span_16_Layout = 45.63\,ft$ W36x150 (no CP) **(Input)**

Span 17 (Non-prismatic Sections - Interior)

Span_17_Layout = 67.08 ft

S17_L1 := Span_17_Layout = 67.08 ft	W36x150 (no CP)	**(Input)**

Span 18 (Non-prismatic Sections - Interior)

Span_18_Layout = 57.5 ft

S18_L1 := Span_18_Layout − 11.5ft = 46 ft	W36x150 (no CP)	**(Input)**
S18_L2 := 11ft + 6in = 11.5 ft	W36x182 (no CP)	**(Input)**

Span 19 (Non-prismatic Sections - Interior)

Span_19_Layout = 58.06 ft

S19_L1 := Span_19_Layout = 58.06 ft	W36x182 (no CP)	**(Input)**

Exterior Girder Sections

(Ref. Bridge Plan, Sheet E-14-49)

Span 16 (Non-prismatic Sections - Exterior)

$Span_16_Layout = 45.63\,ft$

$S16_L1 := Span_16_Layout - 5.6ft = 40.02\,ft$ W36x150 (no CP) **(Input)**

$S16_L2 := 5.6ft$ W36x150 (10 x 1/2 CP) **(Input)**

Equivalent section with CP

$t_w := 0.625in$ **(Input)**

$W_f := 11.975in$ **(Input)**

$t_f := \frac{10in \cdot 0.5in + 11.975in \cdot 0.94in}{11.975in} = 1.358 \cdot in$ **(Input)**

$H := 35.85in + 2 \cdot t_f - 0.94in \cdot 2 = 36.685 \cdot in$ **(Input)**

Span 17 (Non-prismatic Sections - Exterior)

$Span_17_Layout = 67.08\,ft$

$S17_L1 := 5ft$ W36x150 (10 x 1/2 CP) **(Input)**

Equivalent section with CP

$t_w := 0.625in$ **(Input)**

$W_f := 11.975in$ **(Input)**

$t_f := \frac{10in \cdot 1in + 11.975in \cdot 0.94in}{11.975in} = 1.775 \cdot in$ **(Input)**

$H := 35.85in + 2 \cdot t_f - 0.94in \cdot 2 = 37.52 \cdot in$ **(Input)**

$S17_L2 := Span_17_Layout - 5ft - 4.5ft = 57.583\,ft$ W36x150 (no CP) **(Input)**

$S17_L3 := 4.5ft$ W36x150 (10 x 1/2 CP) **(Input)**

Equivalent section with CP

$t_w := 0.625in$ **(Input)**

$W_f := 11.975in$ **(Input)**

$t_f := \frac{10in \cdot 1in + 11.975in \cdot 0.94in}{11.975in} = 1.775 \cdot in$ **(Input)**

$H := 35.85in + 2 \cdot t_f - 0.94in \cdot 2 = 37.52 \cdot in$ **(Input)**

Span 18 (Non-prismatic Sections - Exterior)

Span_18_Layout = 57.5 ft

S18_L1 := 4.5ft — W36x150 (10 x 1/2 CP) **(Input)**

Equivalent section with CP

$t_w := 0.625in$ **(Input)**

$W_f := 11.975in$ **(Input)**

$t_f := \frac{10in \cdot 1in + 11.975in \cdot 0.94in}{11.975in} = 1.775 \cdot in$ **(Input)**

$H := 35.85in + 2 \cdot t_f - 0.94in \cdot 2 = 37.52 \cdot in$ **(Input)**

S18_L2 := Span_18_Layout − 4.5ft − 11.5ft = 41.5 ft — W36x150 (no CP) **(Input)**

S18_L3 := 11.5ft − 5.5ft = 6 ft — W36x194 (no CP) **(Input)**

S18_L3 := 5.5ft — W36x194 (10 x 13/16 CP) **(Input)**

Equivalent section with CP

$t_w := 0.765in$ **(Input)**

$W_f := 12.115in$ **(Input)**

$t_f := \frac{10in \cdot \frac{13}{16}in + 12.115in \cdot 1.26in}{12.115in} = 1.931 \cdot in$ **(Input)**

$H := 36.49in + 2 \cdot t_f - 1.26in \cdot 2 = 37.831 \cdot in$ **(Input)**

Span 19 (Non-prismatic Sections - Exterior)

$Span_19_Layout = 58.06\,ft$

$S19_L1 := 6ft$ W36x194 (10 x 13/16 CP) **(Input)**

Equivalent section with CP

$t_w := 0.765in$ **(Input)**

$W_f := 12.115in$ **(Input)**

$$t_f := \frac{10in\cdot\frac{13}{16}in + 12.115in\cdot 1.26in}{12.115in} = 1.931\cdot in$$ **(Input)**

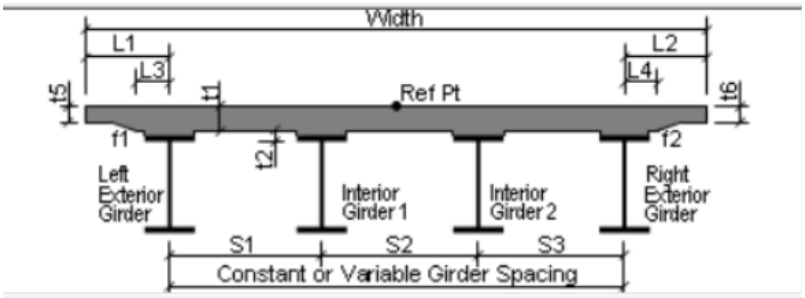
$H := 36.49in + 2\cdot t_f - 1.26in\cdot 2 = 37.831\cdot in$ **(Input)**

$S19_L2 := Span_19_Layout - 6ft = 52.06\,ft$ W36x194 (no CP) **(Input)**

Structure Typical Section

(Ref. Sheet E-14-41, Sheet E-14-48)

Deck



$W_{deck_struct} := 56ft + 2\cdot(1ft + 3in) = 58.5\,ft$ (Strcutural Deck width) **(Input)**

$t_1 := 6.5in$ (Deck thickness - Interiror bays) **(Input)**

(Side Walks members are modeled as a line load at both edges)

$No_of_girder := 8$ (Total number of Girders)

$No_of_int_girder := 6$ (Number of interior Girders) **(Input)**

$S1 := 8ft = 96\cdot in$ (Girder spacing) **(Input)**

$OH := 1ft + 3in = 15\cdot in$ (Overhang) **(Input)**

Lane Position

(5) 10 ft lanes (Inspection Photo) **(Input)**

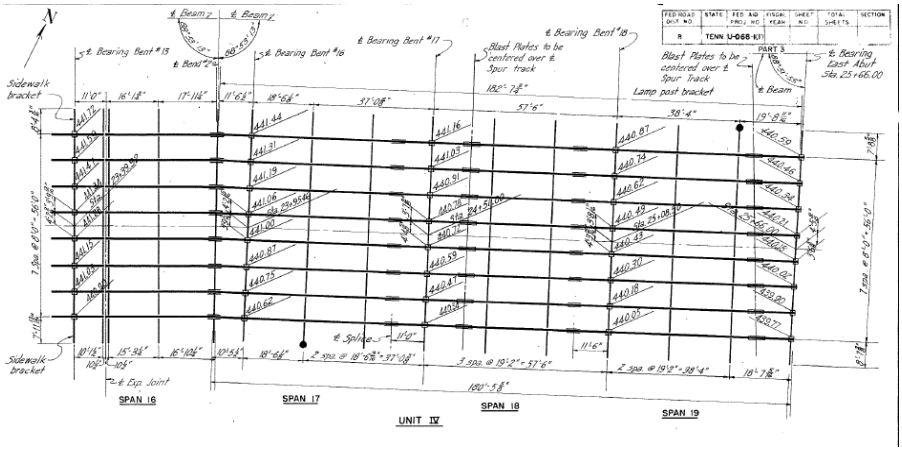
Deck Long. Reinforcement

Main girders are modeled as non-composite, therefore deck reinforcement is neglected.

Framing Plan

(Ref. Plan E-14-50)

Skew := 0deg = 0·deg **(Input)**



Intermediate Diaphragm (Built-up section)

(Ref. Plan E-14-45)

H := 30.5in **(Input)**

$t_w := 0.375in$ **(Input)**

$W_f := 3.5in \cdot 2 + 0.375in = 7.375 \cdot in$ **(Input)**

$t_f := \frac{5}{16}in = 0.313 \cdot in$ **(Input)**

Connection PL: 8 x 3/8 **(Input)**

End Diaphragm (Built-up section)

(Ref. Plan E-14-45)

C 15 x 33.9 **(Input)**

Connection PL: 5 x 3/8 **(Input)**

Load Definition

Side Walk + Rail (line load)

$A_{sw} := 8in \cdot 20in + 15in \cdot 9in + (8ft + 2in - 8in - 15in) \cdot 4in \ldots + \frac{(6in)^2}{2} \cdot 2 = 4.382\,ft^2$

$W_{sw} := A_{sw} \cdot 150pcf = 657.3\,plf$

$A_{brac} := 0.375in \cdot \frac{(20in + 37in)}{2} + 6in \cdot 0.375in \cdot 2 = 0.105\,ft^2$

$W_{brac} := \frac{\left[A_{brac} \cdot 490pcf \cdot (9ft + 2.375in)\right]}{16ft} = 29.7\,plf$

$A_{conc_diaphragm} := 6in \cdot 12in = 0.5 \cdot ft^2$

$W_{conc_diaphragm} := \frac{\left[A_{conc_diaphragm} \cdot 150pcf \cdot (7.5ft)\right]}{16ft} = 35.2\,plf$

$W_{rail} := 150plf$ (aluminum)

$W_{MISC} := 50plf$ (Other MISC steel parts @ sidewalk)

$W_{total} := W_{sw} + W_{brac} + W_{conc_diaphragm} + W_{rail} + W_{MISC} = 922.2\,plf$ **(Input)**

Haunch Surface Load:

$H_{Conc_Area1} := (16in + 2in \cdot 2) \cdot 3in - 16in \cdot 1in = 44 \cdot in^2$

$H_{Line_wt} := \left(H_{Conc_Area1}\right) \cdot 150pcf = 45.833\,plf$

$H_{Area_wt} := \frac{\left(8H_{Line_wt}\right)}{W_{deck_struct}} = 6.268\,psf$ **(Input)**

SIP form load:

$SIP_{Area_wt} := 0psf$ (Inspection photo)

Wearing Surface Load:

3" Wearing Surface (Inspection Report)

$WS_{Area_wt} := 3in \cdot 140pcf = 35\,psf$ **(Input)**

TDOT Department of Transportation



3. CSIBridge Model Report

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Genuine Ingenuity

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June 30th, 2020



License #2010*1YQ9Q42NHYDPFJ4

CSiBridge Analysis and Design Report

Prepared by

Gresham Smith

Model Name: 19SR0060015-Girder.bdb

11 June 2020

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1. Model geometry

This section provides model geometry information, including items such as the layout line and lane definitions.

1.1. Layout Line

Table 1: Bridge Layout Line 2 - Horizontal Layout Data, Part 1 of 2

Table 1: Bridge Layout Line 2 - Horizontal Layout Data, Part 1 of 2

LayoutLine	SegType	Station	Radius	Bearing	CoordSys	X
		ft	ft			ft
Bridge Layout	Initial Station and Bearing	0.		N900000E	GLOBAL	0.
Bridge Layout	Straight at Previous Bearing to End	800.			GLOBAL	800.

Table 1: Bridge Layout Line 2 - Horizontal Layout Data, Part 2 of 2

Table 1: Bridge Layout Line 2 - Horizontal Layout Data, Part 2 of 2

LayoutLine	Y	GlobalX	GlobalY
	ft	ft	ft
Bridge Layout	0.	0.	0.
Bridge Layout	0.	800.	0.

Table 2: Bridge Layout Line 3 - Vertical Layout Data

Table 2: Bridge Layout Line 3 - Vertical Layout Data

LayoutLine	SegType	Station	Grade	CoordSys	Z	GlobalZ
		ft	Percent		ft	ft
Bridge Layout	Initial Station, Elevation Z and Grade	0.	0.	GLOBAL	0.	0.
Bridge Layout	Constant at Previous Grade to End	800.	0.	GLOBAL	0.	0.

1.2. Lanes

Table 3: Lane Definition Data, Part 1 of 2

Table 3: Lane Definition Data, Part 1 of 2

Lane	LaneFrom	LayoutLine	Station	LaneType	Width	Offset	Radius	LoadGroup
			ft		ft	ft	ft	
LANE1	Layout Line	Bridge Layout	0.	Fixed Lane	10.	20.	0.	Default
LANE1	Layout Line	Bridge Layout	800.		10.	20.	0.	Default
LANE2	Layout Line	Bridge Layout	0.	Fixed Lane	10.	10.	0.	Default

Table 3: Lane Definition Data, Part 1 of 2

Lane	LaneFrom	LayoutLine	Station	LaneType	Width	Offset	Radius	LoadGroup
			ft		ft	ft	ft	
LANE2	Layout Line	Bridge Layout	800.		10.	10.	0.	Default
LANE3	Layout Line	Bridge Layout	0.	Fixed Lane	10.	0.	0.	Default
LANE3	Layout Line	Bridge Layout	800.		10.	0.	0.	Default
LANE4	Layout Line	Bridge Layout	0.	Fixed Lane	10.	-10.	0.	Default
LANE4	Layout Line	Bridge Layout	800.		10.	-10.	0.	Default
LANE5	Layout Line	Bridge Layout	0.	Fixed Lane	10.	-20.	0.	Default
LANE5	Layout Line	Bridge Layout	800.		10.	-20.	0.	Default

Table 3: Lane Definition Data, Part 2 of 2

Table 3: Lane Definition Data, Part 2 of 2

Lane	DiscAlong	DiscAcross	DiscSpan	DiscLane	LeftType	RightType	Color	Notes
	ft	ft						
LANE1	10.	10.	No	No	Interior	Interior	Magenta	
LANE1								
LANE2	10.	10.	No	No	Interior	Interior	Gray8Dark	
LANE2								
LANE3	10.	10.	No	No	Interior	Interior	Blue	
LANE3								
LANE4	10.	10.	No	No	Interior	Interior	Red	
LANE4								
LANE5	10.	10.	No	No	Interior	Interior	Magenta	
LANE5								

1.3. Spans

Table 4: Bridge Object Definitions 03 - Spans 1 - General

Table 4: Bridge Object Definitions 03 - Spans 1 - General

BridgeObj	SpanName	BridgeSect	Variation
BOBJ1	Span 1	Spn-BJ1-S1	No
BOBJ1	Span 2	Spn-BJ1-S2	No
BOBJ1	Span 3	Spn-BJ1-S3	No

1.4. Bridge Sections

Table 5: Bridge Section Definitions 05 - Steel I Girders 1 - General, Part 1 of 4

Table 5: Bridge Section Definitions 05 - Steel I Girders 1 - General, Part 1 of 4

Section	Material	NumIntGird	TotalWidth	GirdLayout	DiffSpacing	DiffHaunch	DiffSection
			ft				
Span 1	3000Psi-mod	2	73.	Along Layout Line	No	No	No
Span 2	3000Psi-mod	2	73.	Along Layout Line	No	No	No
Span 3	3000Psi-mod	2	73.	Along Layout Line	No	No	No
Spn-BJ1-S1	3000Psi-mod	2	73.	Along Layout Line	No	No	Yes
Spn-BJ1-S2	3000Psi-mod	2	73.	Along Layout Line	No	No	Yes
Spn-BJ1-S3	3000Psi-mod	2	73.	Along Layout Line	No	No	Yes

Table 5: Bridge Section Definitions 05 - Steel I Girders 1 - General, Part 2 of 4

Table 5: Bridge Section Definitions 05 - Steel I Girders 1 - General, Part 2 of 4

Section	TopSlabThk	HaunchHSame	GirdSecSame	GirdAreaObj	WebMesh	LOLength	LOFillDist	LOOuterThk
	ft	ft			ft	ft	ft	ft
Span 1	0.58333	0.35417	Girder - Span 1	Mixed	7.	9.75	1.25	0.33333
Span 2	0.58333	0.35417	Girder - Span 2	Mixed	7.	9.75	1.25	0.33333
Span 3	0.58333	0.35417	Girder - Span 3	Mixed	7.	9.75	1.25	0.33333
Spn-BJ1-S1	0.58333	0.35417		Mixed	7.	9.75	1.25	0.33333
Spn-BJ1-S2	0.58333	0.35417		Mixed	7.	9.75	1.25	0.33333
Spn-BJ1-S3	0.58333	0.35417		Mixed	7.	9.75	1.25	0.33333

Table 5: Bridge Section Definitions 05 - Steel I Girders 1 - General, Part 3 of 4

Table 5: Bridge Section Definitions 05 - Steel I Girders 1 - General, Part 3 of 4

Section	ROLength	ROFillDist	ROOuterThk	FHoriz1	FHoriz2	CurbLoc	CurbLeft
	ft	ft	ft	ft	ft		ft
Span 1	9.75	1.25	0.33333	0.	0.	User Defined	1.25
Span 2	9.75	1.25	0.33333	0.	0.	User Defined	1.25
Span 3	9.75	1.25	0.33333	0.	0.	User Defined	1.25
Spn-BJ1-S1	9.75	1.25	0.33333	0.	0.	User Defined	1.25
Spn-BJ1-S2	9.75	1.25	0.33333	0.	0.	User Defined	1.25
Spn-BJ1-S3	9.75	1.25	0.33333	0.	0.	User Defined	1.25

Table 5: Bridge Section Definitions 05 - Steel I Girders 1 - General, Part 4 of 4

Table 5: Bridge Section Definitions 05 - Steel I Girders 1 - General, Part 4 of 4

Section	CurbRight	CurbMedian	CurbMWidth	RefPtOffX	RefPtOffY
	ft	ft	ft	ft	ft
Span 1	1.25	0.	0.	0.	0.
Span 2	1.25	0.	0.	0.	0.
Span 3	1.25	0.	0.	0.	0.
Spn-BJ1-S1	1.25	0.	0.	0.	0.
Spn-BJ1-S2	1.25	0.	0.	0.	0.
Spn-BJ1-S3	1.25	0.	0.	0.	0.

Table 6: Bridge Section Definitions 08 - Steel I Girders 4 - Sections

Table 6: Bridge Section Definitions 08 - Steel I Girders 4 - Sections

Section	GirderNum	GirderSect
Spn-BJ1-S1	1	NPr-BJ1-G0-S1
Spn-BJ1-S1	2	NPr-BJ1-G1-S1
Spn-BJ1-S1	3	NPr-BJ1-G2-S1
Spn-BJ1-S1	4	NPr-BJ1-G3-S1
Spn-BJ1-S2	1	NPr-BJ1-G0-S2
Spn-BJ1-S2	2	NPr-BJ1-G1-S2
Spn-BJ1-S2	3	NPr-BJ1-G2-S2
Spn-BJ1-S2	4	NPr-BJ1-G3-S2
Spn-BJ1-S3	1	NPr-BJ1-G0-S3
Spn-BJ1-S3	2	NPr-BJ1-G1-S3
Spn-BJ1-S3	3	NPr-BJ1-G2-S3
Spn-BJ1-S3	4	NPr-BJ1-G3-S3

1.5. Abutments

Table 7: Bridge Abutment Definitions

Table 7: Bridge Abutment Definitions

Abutment	GirderSup	SubType	FSProp
BABT1	Bottom	Spring	Fixed

Table 8: Bridge Object Definitions 06 - Abutments, Part 1 of 2

Table 8: Bridge Object Definitions 06 - Abutments, Part 1 of 2

BridgeObj	Location	SupportName	BearingDir	DiaphProp	SubType	AbutProp	SubElev	HorizOff
							ft	ft
BOBJ1	Start	Start Abutment	Default	Int Floor Beam	Abutment	BABT1	-12.	0.
BOBJ1	End	End Abutment1	Default	Int Floor Beam	Abutment	BABT1	-12.	0.

Table 8: Bridge Object Definitions 06 - Abutments, Part 2 of 2

Table 8: Bridge Object Definitions 06 - Abutments, Part 2 of 2

BridgeObj	Location	SupportName	BearProp	BearResProp	BearElev	BearAngle
					ft	Degrees
BOBJ1	Start	Start Abutment	Vertical only	None	-12.	0.
BOBJ1	End	End Abutment1	Vertical only	None	-12.	0.

1.6. Bents

Table 9: Bridge Bent Definitions 1 - General

Table 9: Bridge Bent Definitions 1 - General

Bent	BeamLength	BeamSect	Type	GirderSup1	NumCols
	ft				
Int. Bent	82.	Bent Cap	Single	Bottom	0

Table 10: Bridge Object Definitions 07 - Bents, Part 1 of 2

Table 10: Bridge Object Definitions 07 - Bents, Part 1 of 2

BridgeObj	SpanName	BentProp	Continuous	SupportName	BearingDir	BentElev	HorizOff	DiaphBefore
						ft	ft	
BOBJ1	Span 1	Int. Bent	Yes	Pier 1	Default	-15.	0.	Int Floor Beam
BOBJ1	Span 2	Int. Bent	Yes	Span 2	Default	-15.	0.	Int Floor Beam

Table 10: Bridge Object Definitions 07 - Bents, Part 2 of 2

Table 10: Bridge Object Definitions 07 - Bents, Part 2 of 2

BridgeObj	SpanName	SupportName	MeshAtBent	BearProp1	BrResProp1	BearElev1	BearAngle1
						ft	Degrees
BOBJ1	Span 1	Pier 1	Yes	BBRG1	None	-15.	0.
BOBJ1	Span 2	Span 2	Yes	BBRG1	None	-15.	0.

1.7. Diaphragms

Table 11: Bridge Diaphragm Definitions, Part 1 of 3

Table 11: Bridge Diaphragm Definitions, Part 1 of 3

Diaph	DiaphType	IncConnPlat	IncHEcc	IncTopChord	IncBrace	IncBotChord	TopChord	TCPinned
FB @ Pier	Brace	Yes	No	Yes	No	No	W30x108	Yes

Table 11: Bridge Diaphragm Definitions, Part 1 of 3

Diaph	DiaphType	IncConnPlat	IncHEcc	IncTopChord	IncBrace	IncBotChord	TopChord	TCPinned
Int Floor Beam	Brace	Yes	No	Yes	Yes	Yes	W30x108	Yes

Table 11: Bridge Diaphragm Definitions, Part 2 of 3

Table 11: Bridge Diaphragm Definitions, Part 2 of 3

Diaph	TopOrient	BraceType	Brace	BracePinned	BraceOrient	BotChord	BCPinned	BotOrient
FB @ Pier	Web-Vert							
Int Floor Beam	Web-Vert	V	Int. FB_diag	Yes	LL-Up	Int. FB_BC	Yes	Up

Table 11: Bridge Diaphragm Definitions, Part 3 of 3

Table 11: Bridge Diaphragm Definitions, Part 3 of 3

Diaph	BeamDist	BeamDistBot	MatCnPlat	WidthCnPlat	ThickCnPlat	BothSideWeb
	ft	ft		ft	ft	
FB @ Pier	0.25	0.25	Grade 33	0.58333	0.03646	Yes
Int Floor Beam	0.25	0.25	Grade 33	0.58333	0.03646	Yes

1.8. Bearings

Table 12: Bridge Bearing Definitions

Table 12: Bridge Bearing Definitions

Bearing	Type	U1Type	U2Type	U3Type	R1Type	R2Type	R3Type
BBRG1	User	Fixed	Fixed	Fixed	Free	Free	Free
BBRG2	User	Fixed	Free	Free	Free	Free	Free
Fixed	User	Fixed	Fixed	Fixed	Fixed	Fixed	Fixed
Vertical only	User	Fixed	Free	Free	Free	Free	Free

Table 13: Bridge Model Summary 01 - Bearing Supports

Table 13: Bridge Model Summary 01 - Bearing Supports

BridgeObj	SpanName	Station	Type	Bearing	BearProp	BearElev	BearAngle
		ft				ft	Degrees
BOBJ1	Start Abutment	0.	Abutment	1	Vertical only	-12.	0.
BOBJ1	Start Abutment	0.	Abutment	2	Vertical only	-12.	0.
BOBJ1	Start Abutment	0.	Abutment	3	Vertical only	-12.	0.
BOBJ1	Start Abutment	0.	Abutment	4	Vertical only	-12.	0.

Table 13: Bridge Model Summary 01 - Bearing Supports

BridgeObj	SpanName	Station	Type	Bearing	BearProp	BearElev	BearAngle
		ft				ft	Degrees
BOBJ1	Span 1	225.	Bent	1	BBRG1	-15.	0.
BOBJ1	Span 1	225.	Bent	2	BBRG1	-15.	0.
BOBJ1	Span 1	225.	Bent	3	BBRG1	-15.	0.
BOBJ1	Span 1	225.	Bent	4	BBRG1	-15.	0.
BOBJ1	Span 2	545.	Bent	1	BBRG1	-15.	0.
BOBJ1	Span 2	545.	Bent	2	BBRG1	-15.	0.
BOBJ1	Span 2	545.	Bent	3	BBRG1	-15.	0.
BOBJ1	Span 2	545.	Bent	4	BBRG1	-15.	0.
BOBJ1	Span 3	770.	Abutment	1	Vertical only	-12.	0.
BOBJ1	Span 3	770.	Abutment	2	Vertical only	-12.	0.
BOBJ1	Span 3	770.	Abutment	3	Vertical only	-12.	0.
BOBJ1	Span 3	770.	Abutment	4	Vertical only	-12.	0.

2. Material properties

This section provides material property information for materials used in the model.

Table 14: Material Properties 02 - Basic Mechanical Properties

Table 14: Material Properties 02 - Basic Mechanical Properties

Material	UnitWeight	UnitMass	E1	G12	U12	A1
	Kip/ft3	Kip-s2/ft4	Kip/ft2	Kip/ft2		1/F
3000Psi-mod	1.5000E-01	4.6621E-03	4496000.	1873333.33	0.2	5.5000E-06
4000Psi	1.5000E-01	4.6621E-03	519119.5	216299.79	0.2	5.5000E-06
A36	4.9000E-01	1.5230E-02	4176000.	1606153.85	0.3	6.5000E-06
A416Gr270	4.9000E-01	1.5230E-02	4104000.			6.5000E-06
A615Gr60	4.9000E-01	1.5230E-02	4176000.			6.5000E-06
A709Gr50	4.9000E-01	1.5230E-02	4176000.	1606153.85	0.3	6.5000E-06
Grade 33	5.8800E-01	1.8276E-02	4176000.	1606153.85	0.3	6.5000E-06

Table 15: Material Properties 03a - Steel Data

Table 15: Material Properties 03a - Steel Data

Material	Fy	Fu	FinalSlope
	Kip/ft2	Kip/ft2	
A36	5184.	8352.	-0.1
A709Gr50	7200.	9360.	-0.1
Grade 33	4752.	7488.	-0.1

Table 16: Material Properties 03b - Concrete Data

Table 16: Material Properties 03b - Concrete Data

Material	Fc	eFc	FinalSlope
	Kip/ft2	Kip/ft2	
3000Psi-mod	432.	432.	-0.1
4000Psi	576.	576.	-0.1

Table 17: Material Properties 03e - Rebar Data

Table 17: Material Properties 03e - Rebar Data

Material	Fy	Fu	FinalSlope
	Kip/ft2	Kip/ft2	
A615Gr60	8640.	12960.	-0.1

Table 18: Material Properties 03f - Tendon Data

Table 18: Material Properties 03f - Tendon Data

Material	Fy	Fu	FinalSlope
	Kip/ft2	Kip/ft2	
A416Gr270	35294.4	38880.	-0.1

3. Section properties

This section provides section property information for objects used in the model.

3.1. Frames

Table 19: Frame Section Properties 01 - General, Part 1 of 4

Table 19: Frame Section Properties 01 - General, Part 1 of 4

SectionName	Material	Shape	t3	t2	tf	tw	t2b	tfb
			ft	ft	ft	ft	ft	ft
Back Wall	3000Psi-mod	Rectangular	2.16667	1.				
Bent Cap	3000Psi-mod	Rectangular	50.	8.				
BRD1	3000Psi-mod	Bridge Section						
BRD10	3000Psi-mod	Bridge Section						
BRD100	3000Psi-mod	Bridge Section						
BRD101	3000Psi-mod	Bridge Section						
BRD102	3000Psi-mod	Bridge Section						
BRD103	3000Psi-mod	Bridge Section						
BRD104	3000Psi-mod	Bridge Section						
BRD105	3000Psi-mod	Bridge Section						
BRD106	3000Psi-mod	Bridge Section						
BRD107	3000Psi-mod	Bridge Section						
BRD108	3000Psi-mod	Bridge Section						
BRD109	3000Psi-mod	Bridge Section						
BRD11	3000Psi-mod	Bridge Section						
BRD110	3000Psi-mod	Bridge Section						
BRD111	3000Psi-mod	Bridge Section						

Table 19: Frame Section Properties 01 - General, Part 1 of 4

SectionName	Material	Shape	t3	t2	tf	tw	t2b	tfb
			ft	ft	ft	ft	ft	ft
BRD112	3000Psi-mod	Bridge Section						
BRD113	3000Psi-mod	Bridge Section						
BRD114	3000Psi-mod	Bridge Section						
BRD115	3000Psi-mod	Bridge Section						
BRD116	3000Psi-mod	Bridge Section						
BRD117	3000Psi-mod	Bridge Section						
BRD118	3000Psi-mod	Bridge Section						
BRD119	3000Psi-mod	Bridge Section						
BRD12	3000Psi-mod	Bridge Section						
BRD120	3000Psi-mod	Bridge Section						
BRD121	3000Psi-mod	Bridge Section						
BRD122	3000Psi-mod	Bridge Section						
BRD123	3000Psi-mod	Bridge Section						
BRD124	3000Psi-mod	Bridge Section						
BRD125	3000Psi-mod	Bridge Section						
BRD126	3000Psi-mod	Bridge Section						
BRD127	3000Psi-mod	Bridge Section						
BRD128	3000Psi-mod	Bridge Section						
BRD129	3000Psi-mod	Bridge Section						
BRD13	3000Psi-mod	Bridge Section						
BRD130	3000Psi-mod	Bridge Section						
BRD131	3000Psi-mod	Bridge Section						
BRD132	3000Psi-mod	Bridge Section						
BRD133	3000Psi-mod	Bridge Section						
BRD134	3000Psi-mod	Bridge Section						
BRD135	3000Psi-mod	Bridge Section						
BRD136	3000Psi-mod	Bridge Section						
BRD14	3000Psi-mod	Bridge Section						
BRD15	3000Psi-mod	Bridge Section						
BRD16	3000Psi-mod	Bridge Section						
BRD17	3000Psi-mod	Bridge Section						
BRD18	3000Psi-mod	Bridge Section						
BRD19	3000Psi-mod	Bridge Section						
BRD2	3000Psi-mod	Bridge Section						
BRD20	3000Psi-mod	Bridge Section						
BRD21	3000Psi-mod	Bridge Section						
BRD22	3000Psi-mod	Bridge Section						
BRD23	3000Psi-mod	Bridge Section						
BRD24	3000Psi-mod	Bridge Section						
BRD25	3000Psi-mod	Bridge Section						
BRD26	3000Psi-mod	Bridge Section						
BRD27	3000Psi-mod	Bridge Section						
BRD28	3000Psi-mod	Bridge Section						
BRD29	3000Psi-mod	Bridge Section						
BRD3	3000Psi-mod	Bridge Section						
BRD30	3000Psi-mod	Bridge Section						
BRD31	3000Psi-mod	Bridge Section						
BRD32	3000Psi-mod	Bridge Section						
BRD33	3000Psi-mod	Bridge Section						
BRD34	3000Psi-mod	Bridge Section						
BRD35	3000Psi-mod	Bridge Section						
BRD36	3000Psi-mod	Bridge Section						
BRD37	3000Psi-mod	Bridge Section						
BRD38	3000Psi-mod	Bridge Section						

Table 19: Frame Section Properties 01 - General, Part 1 of 4

SectionName	Material	Shape	t3	t2	tf	tw	t2b	tfb
			ft	ft	ft	ft	ft	ft
BRD39	3000Psi-mod	Bridge Section						
BRD4	3000Psi-mod	Bridge Section						
BRD40	3000Psi-mod	Bridge Section						
BRD41	3000Psi-mod	Bridge Section						
BRD42	3000Psi-mod	Bridge Section						
BRD43	3000Psi-mod	Bridge Section						
BRD44	3000Psi-mod	Bridge Section						
BRD45	3000Psi-mod	Bridge Section						
BRD46	3000Psi-mod	Bridge Section						
BRD47	3000Psi-mod	Bridge Section						
BRD48	3000Psi-mod	Bridge Section						
BRD49	3000Psi-mod	Bridge Section						
BRD5	3000Psi-mod	Bridge Section						
BRD50	3000Psi-mod	Bridge Section						
BRD51	3000Psi-mod	Bridge Section						
BRD52	3000Psi-mod	Bridge Section						
BRD53	3000Psi-mod	Bridge Section						
BRD54	3000Psi-mod	Bridge Section						
BRD55	3000Psi-mod	Bridge Section						
BRD56	3000Psi-mod	Bridge Section						
BRD57	3000Psi-mod	Bridge Section						
BRD58	3000Psi-mod	Bridge Section						
BRD59	3000Psi-mod	Bridge Section						
BRD6	3000Psi-mod	Bridge Section						
BRD60	3000Psi-mod	Bridge Section						
BRD61	3000Psi-mod	Bridge Section						
BRD62	3000Psi-mod	Bridge Section						
BRD63	3000Psi-mod	Bridge Section						
BRD64	3000Psi-mod	Bridge Section						
BRD65	3000Psi-mod	Bridge Section						
BRD66	3000Psi-mod	Bridge Section						
BRD67	3000Psi-mod	Bridge Section						
BRD68	3000Psi-mod	Bridge Section						
BRD69	3000Psi-mod	Bridge Section						
BRD7	3000Psi-mod	Bridge Section						
BRD70	3000Psi-mod	Bridge Section						
BRD71	3000Psi-mod	Bridge Section						
BRD72	3000Psi-mod	Bridge Section						
BRD73	3000Psi-mod	Bridge Section						
BRD74	3000Psi-mod	Bridge Section						
BRD75	3000Psi-mod	Bridge Section						
BRD76	3000Psi-mod	Bridge Section						
BRD77	3000Psi-mod	Bridge Section						
BRD78	3000Psi-mod	Bridge Section						
BRD79	3000Psi-mod	Bridge Section						
BRD8	3000Psi-mod	Bridge Section						
BRD80	3000Psi-mod	Bridge Section						
BRD81	3000Psi-mod	Bridge Section						
BRD82	3000Psi-mod	Bridge Section						
BRD83	3000Psi-mod	Bridge Section						
BRD84	3000Psi-mod	Bridge Section						
BRD85	3000Psi-mod	Bridge Section						
BRD86	3000Psi-mod	Bridge Section						
BRD87	3000Psi-mod	Bridge Section						

Table 19: Frame Section Properties 01 - General, Part 1 of 4

SectionName	Material	Shape	t3	t2	tf	tw	t2b	tfb
			ft	ft	ft	ft	ft	ft
BRD88	3000Psi-mod	Bridge Section						
BRD89	3000Psi-mod	Bridge Section						
BRD9	3000Psi-mod	Bridge Section						
BRD90	3000Psi-mod	Bridge Section						
BRD91	3000Psi-mod	Bridge Section						
BRD92	3000Psi-mod	Bridge Section						
BRD93	3000Psi-mod	Bridge Section						
BRD94	3000Psi-mod	Bridge Section						
BRD95	3000Psi-mod	Bridge Section						
BRD96	3000Psi-mod	Bridge Section						
BRD97	3000Psi-mod	Bridge Section						
BRD98	3000Psi-mod	Bridge Section						
BRD99	3000Psi-mod	Bridge Section						
ColumnSection	3000Psi-mod	Rectangular	2.5	2.5				
Diapragm @ Pier	3000Psi-mod	Rectangular	4.75	0.75				
FSEC1	4000Psi	Rectangular	5.	4.				
FSEC10	A709Gr50	I/Wide Flange	4.	1.25	0.16667	0.08333	1.25	0.16667
FSEC11	A709Gr50	Built Up I	4.	1.25	0.16667	0.08333	1.25	0.16667
FSEC12	Grade 33	Rectangular	0.22117	2.				
FSEC2	Grade 33	Rectangular	0.09375	1.38542				
FSEC3	Grade 33	Rectangular	1.16667	0.03646				
FSEC4	Grade 33	Rectangular	0.14908	1.5				
FSEC5	Grade 33	Rectangular	0.13783	2.				
FSEC6	Grade 33	Rectangular	0.21075	2.				
FSEC7	Grade 33	Rectangular	0.27325	2.				
FSEC8	Grade 33	Rectangular	0.33575	2.				
FSEC9	Grade 33	Rectangular	0.14825	2.				
Girder - Span 1		Nonprismatic						
Girder - Span 2		Nonprismatic						
Girder - Span 3		Nonprismatic						
Int. FB_BC	Grade 33	Tee	0.5025	0.67083	0.04792	0.02792		
Int. FB_diag	Grade 33	Angle	0.5	0.5	0.03125	0.03125		
NPr-BJ1-G0-S1		Nonprismatic						
NPr-BJ1-G0-S2		Nonprismatic						
NPr-BJ1-G0-S3		Nonprismatic						
NPr-BJ1-G1-S1		Nonprismatic						
NPr-BJ1-G1-S2		Nonprismatic						
NPr-BJ1-G1-S3		Nonprismatic						
NPr-BJ1-G2-S1		Nonprismatic						
NPr-BJ1-G2-S2		Nonprismatic						
NPr-BJ1-G2-S3		Nonprismatic						
NPr-BJ1-G3-S1		Nonprismatic						
NPr-BJ1-G3-S2		Nonprismatic						
NPr-BJ1-G3-S3		Nonprismatic						
Pr-BJ1-G0-S1-1	Grade 33	Built Up I	12.95833	1.38542	0.09375	0.09375	1.38542	0.09375
Pr-BJ1-G0-S1-10	Grade 33	Built Up I	13.24083	2.	0.21075	0.21075	2.	0.21075
Pr-BJ1-G0-S1-11	Grade 33	Built Up I	13.36833	2.	0.27325	0.27325	2.	0.27325
Pr-BJ1-G0-S1-12	Grade 33	Built Up I	13.36833	2.	0.27325	0.27325	2.	0.27325
Pr-BJ1-G0-S1-13	Grade 33	Built Up I	13.49417	2.	0.33575	0.33575	2.	0.33575
Pr-BJ1-G0-S1-14	Grade 33	Built Up I	13.49417	2.	0.33575	0.33575	2.	0.33575
Pr-BJ1-G0-S1-2	Grade 33	Built Up I	12.95833	1.38542	0.09375	0.09375	1.38542	0.09375
Pr-BJ1-G0-S1-3	Grade 33	Built Up I	13.07917	1.5	0.14908	0.14908	1.5	0.14908
Pr-BJ1-G0-S1-4	Grade 33	Built Up I	13.07917	1.5	0.14908	0.14908	1.5	0.14908
Pr-BJ1-G0-S1-5	Grade 33	Built Up I	12.95833	1.38542	0.09375	0.09375	1.38542	0.09375

Table 19: Frame Section Properties 01 - General, Part 1 of 4

SectionName	Material	Shape	t3	t2	tf	tw	t2b	tfb
			ft	ft	ft	ft	ft	ft
Pr-BJ1-G0-S1-6	Grade 33	Built Up I	12.95833	1.38542	0.09375	0.09375	1.38542	0.09375
Pr-BJ1-G0-S1-7	Grade 33	Built Up I	13.09083	2.	0.13783	0.13783	2.	0.13783
Pr-BJ1-G0-S1-8	Grade 33	Built Up I	13.09083	2.	0.13783	0.13783	2.	0.13783
Pr-BJ1-G0-S1-9	Grade 33	Built Up I	13.24083	2.	0.21075	0.21075	2.	0.21075
Pr-BJ1-G0-S2-1	Grade 33	Built Up I	13.49417	2.	0.33575	0.33575	2.	0.33575
Pr-BJ1-G0-S2-10	Grade 33	Built Up I	12.95833	1.38542	0.09375	0.09375	1.38542	0.09375
Pr-BJ1-G0-S2-11	Grade 33	Built Up I	13.1125	2.	0.14825	0.14825	2.	0.14825
Pr-BJ1-G0-S2-12	Grade 33	Built Up I	13.1125	2.	0.14825	0.14825	2.	0.14825
Pr-BJ1-G0-S2-13	Grade 33	Built Up I	13.2625	2.	0.22117	0.22117	2.	0.22117
Pr-BJ1-G0-S2-14	Grade 33	Built Up I	13.2625	2.	0.22117	0.22117	2.	0.22117
Pr-BJ1-G0-S2-15	Grade 33	Built Up I	13.1125	2.	0.14825	0.14825	2.	0.14825
Pr-BJ1-G0-S2-16	Grade 33	Built Up I	13.1125	2.	0.14825	0.14825	2.	0.14825
Pr-BJ1-G0-S2-17	Grade 33	Built Up I	12.95833	1.38542	0.09375	0.09375	1.38542	0.09375
Pr-BJ1-G0-S2-18	Grade 33	Built Up I	12.95833	1.38542	0.09375	0.09375	1.38542	0.09375
Pr-BJ1-G0-S2-19	Grade 33	Built Up I	13.09083	2.	0.13783	0.13783	2.	0.13783
Pr-BJ1-G0-S2-2	Grade 33	Built Up I	13.49417	2.	0.33575	0.33575	2.	0.33575
Pr-BJ1-G0-S2-20	Grade 33	Built Up I	13.09083	2.	0.13783	0.13783	2.	0.13783
Pr-BJ1-G0-S2-21	Grade 33	Built Up I	13.24083	2.	0.21075	0.21075	2.	0.21075
Pr-BJ1-G0-S2-22	Grade 33	Built Up I	13.24083	2.	0.21075	0.21075	2.	0.21075
Pr-BJ1-G0-S2-23	Grade 33	Built Up I	13.36833	2.	0.27325	0.27325	2.	0.27325
Pr-BJ1-G0-S2-24	Grade 33	Built Up I	13.36833	2.	0.27325	0.27325	2.	0.27325
Pr-BJ1-G0-S2-25	Grade 33	Built Up I	13.49417	2.	0.33575	0.33575	2.	0.33575
Pr-BJ1-G0-S2-26	Grade 33	Built Up I	13.49417	2.	0.33575	0.33575	2.	0.33575
Pr-BJ1-G0-S2-3	Grade 33	Built Up I	13.36833	2.	0.27325	0.27325	2.	0.27325
Pr-BJ1-G0-S2-4	Grade 33	Built Up I	13.36833	2.	0.27325	0.27325	2.	0.27325
Pr-BJ1-G0-S2-5	Grade 33	Built Up I	13.24083	2.	0.21075	0.21075	2.	0.21075
Pr-BJ1-G0-S2-6	Grade 33	Built Up I	13.24083	2.	0.21075	0.21075	2.	0.21075
Pr-BJ1-G0-S2-7	Grade 33	Built Up I	13.09083	2.	0.13783	0.13783	2.	0.13783
Pr-BJ1-G0-S2-8	Grade 33	Built Up I	13.09083	2.	0.13783	0.13783	2.	0.13783
Pr-BJ1-G0-S2-9	Grade 33	Built Up I	12.95833	1.38542	0.09375	0.09375	1.38542	0.09375
Pr-BJ1-G0-S3-1	Grade 33	Built Up I	13.49417	2.	0.33575	0.33575	2.	0.33575
Pr-BJ1-G0-S3-10	Grade 33	Built Up I	12.95833	1.38542	0.09375	0.09375	1.38542	0.09375
Pr-BJ1-G0-S3-11	Grade 33	Built Up I	13.07917	1.5	0.14908	0.14908	1.5	0.14908
Pr-BJ1-G0-S3-12	Grade 33	Built Up I	13.07917	1.5	0.14908	0.14908	1.5	0.14908
Pr-BJ1-G0-S3-13	Grade 33	Built Up I	12.95833	1.38542	0.09375	0.09375	1.38542	0.09375
Pr-BJ1-G0-S3-14	Grade 33	Built Up I	12.95833	1.38542	0.09375	0.09375	1.38542	0.09375
Pr-BJ1-G0-S3-2	Grade 33	Built Up I	13.49417	2.	0.33575	0.33575	2.	0.33575
Pr-BJ1-G0-S3-3	Grade 33	Built Up I	13.36833	2.	0.27325	0.27325	2.	0.27325
Pr-BJ1-G0-S3-4	Grade 33	Built Up I	13.36833	2.	0.27325	0.27325	2.	0.27325
Pr-BJ1-G0-S3-5	Grade 33	Built Up I	13.24083	2.	0.21075	0.21075	2.	0.21075
Pr-BJ1-G0-S3-6	Grade 33	Built Up I	13.24083	2.	0.21075	0.21075	2.	0.21075
Pr-BJ1-G0-S3-7	Grade 33	Built Up I	13.09083	2.	0.13783	0.13783	2.	0.13783
Pr-BJ1-G0-S3-8	Grade 33	Built Up I	13.09083	2.	0.13783	0.13783	2.	0.13783
Pr-BJ1-G0-S3-9	Grade 33	Built Up I	12.95833	1.38542	0.09375	0.09375	1.38542	0.09375
Pr-BJ1-G1-S1-1	Grade 33	Built Up I	12.95833	1.38542	0.09375	0.09375	1.38542	0.09375
Pr-BJ1-G1-S1-10	Grade 33	Built Up I	13.24083	2.	0.21075	0.21075	2.	0.21075
Pr-BJ1-G1-S1-11	Grade 33	Built Up I	13.36833	2.	0.27325	0.27325	2.	0.27325
Pr-BJ1-G1-S1-12	Grade 33	Built Up I	13.36833	2.	0.27325	0.27325	2.	0.27325
Pr-BJ1-G1-S1-13	Grade 33	Built Up I	13.49417	2.	0.33575	0.33575	2.	0.33575
Pr-BJ1-G1-S1-14	Grade 33	Built Up I	13.49417	2.	0.33575	0.33575	2.	0.33575
Pr-BJ1-G1-S1-2	Grade 33	Built Up I	12.95833	1.38542	0.09375	0.09375	1.38542	0.09375
Pr-BJ1-G1-S1-3	Grade 33	Built Up I	13.07917	1.5	0.14908	0.14908	1.5	0.14908
Pr-BJ1-G1-S1-4	Grade 33	Built Up I	13.07917	1.5	0.14908	0.14908	1.5	0.14908
Pr-BJ1-G1-S1-5	Grade 33	Built Up I	12.95833	1.38542	0.09375	0.09375	1.38542	0.09375

Table 19: Frame Section Properties 01 - General, Part 1 of 4

SectionName	Material	Shape	t3	t2	tf	tw	t2b	tfb
			ft	ft	ft	ft	ft	ft
Pr-BJ1-G1-S1-6	Grade 33	Built Up I	12.95833	1.38542	0.09375	0.09375	1.38542	0.09375
Pr-BJ1-G1-S1-7	Grade 33	Built Up I	13.09083	2.	0.13783	0.13783	2.	0.13783
Pr-BJ1-G1-S1-8	Grade 33	Built Up I	13.09083	2.	0.13783	0.13783	2.	0.13783
Pr-BJ1-G1-S1-9	Grade 33	Built Up I	13.24083	2.	0.21075	0.21075	2.	0.21075
Pr-BJ1-G1-S2-1	Grade 33	Built Up I	13.49417	2.	0.33575	0.33575	2.	0.33575
Pr-BJ1-G1-S2-10	Grade 33	Built Up I	12.95833	1.38542	0.09375	0.09375	1.38542	0.09375
Pr-BJ1-G1-S2-11	Grade 33	Built Up I	13.1125	2.	0.14825	0.14825	2.	0.14825
Pr-BJ1-G1-S2-12	Grade 33	Built Up I	13.1125	2.	0.14825	0.14825	2.	0.14825
Pr-BJ1-G1-S2-13	Grade 33	Built Up I	13.2625	2.	0.22117	0.22117	2.	0.22117
Pr-BJ1-G1-S2-14	Grade 33	Built Up I	13.2625	2.	0.22117	0.22117	2.	0.22117
Pr-BJ1-G1-S2-15	Grade 33	Built Up I	13.1125	2.	0.14825	0.14825	2.	0.14825
Pr-BJ1-G1-S2-16	Grade 33	Built Up I	13.1125	2.	0.14825	0.14825	2.	0.14825
Pr-BJ1-G1-S2-17	Grade 33	Built Up I	12.95833	1.38542	0.09375	0.09375	1.38542	0.09375
Pr-BJ1-G1-S2-18	Grade 33	Built Up I	12.95833	1.38542	0.09375	0.09375	1.38542	0.09375
Pr-BJ1-G1-S2-19	Grade 33	Built Up I	13.09083	2.	0.13783	0.13783	2.	0.13783
Pr-BJ1-G1-S2-2	Grade 33	Built Up I	13.49417	2.	0.33575	0.33575	2.	0.33575
Pr-BJ1-G1-S2-20	Grade 33	Built Up I	13.09083	2.	0.13783	0.13783	2.	0.13783
Pr-BJ1-G1-S2-21	Grade 33	Built Up I	13.24083	2.	0.21075	0.21075	2.	0.21075
Pr-BJ1-G1-S2-22	Grade 33	Built Up I	13.24083	2.	0.21075	0.21075	2.	0.21075
Pr-BJ1-G1-S2-23	Grade 33	Built Up I	13.36833	2.	0.27325	0.27325	2.	0.27325
Pr-BJ1-G1-S2-24	Grade 33	Built Up I	13.36833	2.	0.27325	0.27325	2.	0.27325
Pr-BJ1-G1-S2-25	Grade 33	Built Up I	13.49417	2.	0.33575	0.33575	2.	0.33575
Pr-BJ1-G1-S2-26	Grade 33	Built Up I	13.49417	2.	0.33575	0.33575	2.	0.33575
Pr-BJ1-G1-S2-3	Grade 33	Built Up I	13.36833	2.	0.27325	0.27325	2.	0.27325
Pr-BJ1-G1-S2-4	Grade 33	Built Up I	13.36833	2.	0.27325	0.27325	2.	0.27325
Pr-BJ1-G1-S2-5	Grade 33	Built Up I	13.24083	2.	0.21075	0.21075	2.	0.21075
Pr-BJ1-G1-S2-6	Grade 33	Built Up I	13.24083	2.	0.21075	0.21075	2.	0.21075
Pr-BJ1-G1-S2-7	Grade 33	Built Up I	13.09083	2.	0.13783	0.13783	2.	0.13783
Pr-BJ1-G1-S2-8	Grade 33	Built Up I	13.09083	2.	0.13783	0.13783	2.	0.13783
Pr-BJ1-G1-S2-9	Grade 33	Built Up I	12.95833	1.38542	0.09375	0.09375	1.38542	0.09375
Pr-BJ1-G1-S3-1	Grade 33	Built Up I	13.49417	2.	0.33575	0.33575	2.	0.33575
Pr-BJ1-G1-S3-10	Grade 33	Built Up I	12.95833	1.38542	0.09375	0.09375	1.38542	0.09375
Pr-BJ1-G1-S3-11	Grade 33	Built Up I	13.07917	1.5	0.14908	0.14908	1.5	0.14908
Pr-BJ1-G1-S3-12	Grade 33	Built Up I	13.07917	1.5	0.14908	0.14908	1.5	0.14908
Pr-BJ1-G1-S3-13	Grade 33	Built Up I	12.95833	1.38542	0.09375	0.09375	1.38542	0.09375
Pr-BJ1-G1-S3-14	Grade 33	Built Up I	12.95833	1.38542	0.09375	0.09375	1.38542	0.09375
Pr-BJ1-G1-S3-2	Grade 33	Built Up I	13.49417	2.	0.33575	0.33575	2.	0.33575
Pr-BJ1-G1-S3-3	Grade 33	Built Up I	13.36833	2.	0.27325	0.27325	2.	0.27325
Pr-BJ1-G1-S3-4	Grade 33	Built Up I	13.36833	2.	0.27325	0.27325	2.	0.27325
Pr-BJ1-G1-S3-5	Grade 33	Built Up I	13.24083	2.	0.21075	0.21075	2.	0.21075
Pr-BJ1-G1-S3-6	Grade 33	Built Up I	13.24083	2.	0.21075	0.21075	2.	0.21075
Pr-BJ1-G1-S3-7	Grade 33	Built Up I	13.09083	2.	0.13783	0.13783	2.	0.13783
Pr-BJ1-G1-S3-8	Grade 33	Built Up I	13.09083	2.	0.13783	0.13783	2.	0.13783
Pr-BJ1-G1-S3-9	Grade 33	Built Up I	12.95833	1.38542	0.09375	0.09375	1.38542	0.09375
Pr-BJ1-G2-S1-1	Grade 33	Built Up I	12.95833	1.38542	0.09375	0.09375	1.38542	0.09375
Pr-BJ1-G2-S1-10	Grade 33	Built Up I	13.24083	2.	0.21075	0.21075	2.	0.21075
Pr-BJ1-G2-S1-11	Grade 33	Built Up I	13.36833	2.	0.27325	0.27325	2.	0.27325
Pr-BJ1-G2-S1-12	Grade 33	Built Up I	13.36833	2.	0.27325	0.27325	2.	0.27325
Pr-BJ1-G2-S1-13	Grade 33	Built Up I	13.49417	2.	0.33575	0.33575	2.	0.33575
Pr-BJ1-G2-S1-14	Grade 33	Built Up I	13.49417	2.	0.33575	0.33575	2.	0.33575
Pr-BJ1-G2-S1-2	Grade 33	Built Up I	12.95833	1.38542	0.09375	0.09375	1.38542	0.09375
Pr-BJ1-G2-S1-3	Grade 33	Built Up I	13.07917	1.5	0.14908	0.14908	1.5	0.14908
Pr-BJ1-G2-S1-4	Grade 33	Built Up I	13.07917	1.5	0.14908	0.14908	1.5	0.14908
Pr-BJ1-G2-S1-5	Grade 33	Built Up I	12.95833	1.38542	0.09375	0.09375	1.38542	0.09375

Table 19: Frame Section Properties 01 - General, Part 1 of 4

SectionName	Material	Shape	t3	t2	tf	tw	t2b	tfb
			ft	ft	ft	ft	ft	ft
Pr-BJ1-G2-S1-6	Grade 33	Built Up I	12.95833	1.38542	0.09375	0.09375	1.38542	0.09375
Pr-BJ1-G2-S1-7	Grade 33	Built Up I	13.09083	2.	0.13783	0.13783	2.	0.13783
Pr-BJ1-G2-S1-8	Grade 33	Built Up I	13.09083	2.	0.13783	0.13783	2.	0.13783
Pr-BJ1-G2-S1-9	Grade 33	Built Up I	13.24083	2.	0.21075	0.21075	2.	0.21075
Pr-BJ1-G2-S2-1	Grade 33	Built Up I	13.49417	2.	0.33575	0.33575	2.	0.33575
Pr-BJ1-G2-S2-10	Grade 33	Built Up I	12.95833	1.38542	0.09375	0.09375	1.38542	0.09375
Pr-BJ1-G2-S2-11	Grade 33	Built Up I	13.1125	2.	0.14825	0.14825	2.	0.14825
Pr-BJ1-G2-S2-12	Grade 33	Built Up I	13.1125	2.	0.14825	0.14825	2.	0.14825
Pr-BJ1-G2-S2-13	Grade 33	Built Up I	13.2625	2.	0.22117	0.22117	2.	0.22117
Pr-BJ1-G2-S2-14	Grade 33	Built Up I	13.2625	2.	0.22117	0.22117	2.	0.22117
Pr-BJ1-G2-S2-15	Grade 33	Built Up I	13.1125	2.	0.14825	0.14825	2.	0.14825
Pr-BJ1-G2-S2-16	Grade 33	Built Up I	13.1125	2.	0.14825	0.14825	2.	0.14825
Pr-BJ1-G2-S2-17	Grade 33	Built Up I	12.95833	1.38542	0.09375	0.09375	1.38542	0.09375
Pr-BJ1-G2-S2-18	Grade 33	Built Up I	12.95833	1.38542	0.09375	0.09375	1.38542	0.09375
Pr-BJ1-G2-S2-19	Grade 33	Built Up I	13.09083	2.	0.13783	0.13783	2.	0.13783
Pr-BJ1-G2-S2-2	Grade 33	Built Up I	13.49417	2.	0.33575	0.33575	2.	0.33575
Pr-BJ1-G2-S2-20	Grade 33	Built Up I	13.09083	2.	0.13783	0.13783	2.	0.13783
Pr-BJ1-G2-S2-21	Grade 33	Built Up I	13.24083	2.	0.21075	0.21075	2.	0.21075
Pr-BJ1-G2-S2-22	Grade 33	Built Up I	13.24083	2.	0.21075	0.21075	2.	0.21075
Pr-BJ1-G2-S2-23	Grade 33	Built Up I	13.36833	2.	0.27325	0.27325	2.	0.27325
Pr-BJ1-G2-S2-24	Grade 33	Built Up I	13.36833	2.	0.27325	0.27325	2.	0.27325
Pr-BJ1-G2-S2-25	Grade 33	Built Up I	13.49417	2.	0.33575	0.33575	2.	0.33575
Pr-BJ1-G2-S2-26	Grade 33	Built Up I	13.49417	2.	0.33575	0.33575	2.	0.33575
Pr-BJ1-G2-S2-3	Grade 33	Built Up I	13.36833	2.	0.27325	0.27325	2.	0.27325
Pr-BJ1-G2-S2-4	Grade 33	Built Up I	13.36833	2.	0.27325	0.27325	2.	0.27325
Pr-BJ1-G2-S2-5	Grade 33	Built Up I	13.24083	2.	0.21075	0.21075	2.	0.21075
Pr-BJ1-G2-S2-6	Grade 33	Built Up I	13.24083	2.	0.21075	0.21075	2.	0.21075
Pr-BJ1-G2-S2-7	Grade 33	Built Up I	13.09083	2.	0.13783	0.13783	2.	0.13783
Pr-BJ1-G2-S2-8	Grade 33	Built Up I	13.09083	2.	0.13783	0.13783	2.	0.13783
Pr-BJ1-G2-S2-9	Grade 33	Built Up I	12.95833	1.38542	0.09375	0.09375	1.38542	0.09375
Pr-BJ1-G2-S3-1	Grade 33	Built Up I	13.49417	2.	0.33575	0.33575	2.	0.33575
Pr-BJ1-G2-S3-10	Grade 33	Built Up I	12.95833	1.38542	0.09375	0.09375	1.38542	0.09375
Pr-BJ1-G2-S3-11	Grade 33	Built Up I	13.07917	1.5	0.14908	0.14908	1.5	0.14908
Pr-BJ1-G2-S3-12	Grade 33	Built Up I	13.07917	1.5	0.14908	0.14908	1.5	0.14908
Pr-BJ1-G2-S3-13	Grade 33	Built Up I	12.95833	1.38542	0.09375	0.09375	1.38542	0.09375
Pr-BJ1-G2-S3-14	Grade 33	Built Up I	12.95833	1.38542	0.09375	0.09375	1.38542	0.09375
Pr-BJ1-G2-S3-2	Grade 33	Built Up I	13.49417	2.	0.33575	0.33575	2.	0.33575
Pr-BJ1-G2-S3-3	Grade 33	Built Up I	13.36833	2.	0.27325	0.27325	2.	0.27325
Pr-BJ1-G2-S3-4	Grade 33	Built Up I	13.36833	2.	0.27325	0.27325	2.	0.27325
Pr-BJ1-G2-S3-5	Grade 33	Built Up I	13.24083	2.	0.21075	0.21075	2.	0.21075
Pr-BJ1-G2-S3-6	Grade 33	Built Up I	13.24083	2.	0.21075	0.21075	2.	0.21075
Pr-BJ1-G2-S3-7	Grade 33	Built Up I	13.09083	2.	0.13783	0.13783	2.	0.13783
Pr-BJ1-G2-S3-8	Grade 33	Built Up I	13.09083	2.	0.13783	0.13783	2.	0.13783
Pr-BJ1-G2-S3-9	Grade 33	Built Up I	12.95833	1.38542	0.09375	0.09375	1.38542	0.09375
Pr-BJ1-G3-S1-1	Grade 33	Built Up I	12.95833	1.38542	0.09375	0.09375	1.38542	0.09375
Pr-BJ1-G3-S1-10	Grade 33	Built Up I	13.24083	2.	0.21075	0.21075	2.	0.21075
Pr-BJ1-G3-S1-11	Grade 33	Built Up I	13.36833	2.	0.27325	0.27325	2.	0.27325
Pr-BJ1-G3-S1-12	Grade 33	Built Up I	13.36833	2.	0.27325	0.27325	2.	0.27325
Pr-BJ1-G3-S1-13	Grade 33	Built Up I	13.49417	2.	0.33575	0.33575	2.	0.33575
Pr-BJ1-G3-S1-14	Grade 33	Built Up I	13.49417	2.	0.33575	0.33575	2.	0.33575
Pr-BJ1-G3-S1-2	Grade 33	Built Up I	12.95833	1.38542	0.09375	0.09375	1.38542	0.09375
Pr-BJ1-G3-S1-3	Grade 33	Built Up I	13.07917	1.5	0.14908	0.14908	1.5	0.14908
Pr-BJ1-G3-S1-4	Grade 33	Built Up I	13.07917	1.5	0.14908	0.14908	1.5	0.14908
Pr-BJ1-G3-S1-5	Grade 33	Built Up I	12.95833	1.38542	0.09375	0.09375	1.38542	0.09375

Table 19: Frame Section Properties 01 - General, Part 1 of 4

SectionName	Material	Shape	t3	t2	tf	tw	t2b	tfb
			ft	ft	ft	ft	ft	ft
Pr-BJ1-G3-S1-6	Grade 33	Built Up I	12.95833	1.38542	0.09375	0.09375	1.38542	0.09375
Pr-BJ1-G3-S1-7	Grade 33	Built Up I	13.09083	2.	0.13783	0.13783	2.	0.13783
Pr-BJ1-G3-S1-8	Grade 33	Built Up I	13.09083	2.	0.13783	0.13783	2.	0.13783
Pr-BJ1-G3-S1-9	Grade 33	Built Up I	13.24083	2.	0.21075	0.21075	2.	0.21075
Pr-BJ1-G3-S2-1	Grade 33	Built Up I	13.49417	2.	0.33575	0.33575	2.	0.33575
Pr-BJ1-G3-S2-10	Grade 33	Built Up I	12.95833	1.38542	0.09375	0.09375	1.38542	0.09375
Pr-BJ1-G3-S2-11	Grade 33	Built Up I	13.1125	2.	0.14825	0.14825	2.	0.14825
Pr-BJ1-G3-S2-12	Grade 33	Built Up I	13.1125	2.	0.14825	0.14825	2.	0.14825
Pr-BJ1-G3-S2-13	Grade 33	Built Up I	13.2625	2.	0.22117	0.22117	2.	0.22117
Pr-BJ1-G3-S2-14	Grade 33	Built Up I	13.2625	2.	0.22117	0.22117	2.	0.22117
Pr-BJ1-G3-S2-15	Grade 33	Built Up I	13.1125	2.	0.14825	0.14825	2.	0.14825
Pr-BJ1-G3-S2-16	Grade 33	Built Up I	13.1125	2.	0.14825	0.14825	2.	0.14825
Pr-BJ1-G3-S2-17	Grade 33	Built Up I	12.95833	1.38542	0.09375	0.09375	1.38542	0.09375
Pr-BJ1-G3-S2-18	Grade 33	Built Up I	12.95833	1.38542	0.09375	0.09375	1.38542	0.09375
Pr-BJ1-G3-S2-19	Grade 33	Built Up I	13.09083	2.	0.13783	0.13783	2.	0.13783
Pr-BJ1-G3-S2-2	Grade 33	Built Up I	13.49417	2.	0.33575	0.33575	2.	0.33575
Pr-BJ1-G3-S2-20	Grade 33	Built Up I	13.09083	2.	0.13783	0.13783	2.	0.13783
Pr-BJ1-G3-S2-21	Grade 33	Built Up I	13.24083	2.	0.21075	0.21075	2.	0.21075
Pr-BJ1-G3-S2-22	Grade 33	Built Up I	13.24083	2.	0.21075	0.21075	2.	0.21075
Pr-BJ1-G3-S2-23	Grade 33	Built Up I	13.36833	2.	0.27325	0.27325	2.	0.27325
Pr-BJ1-G3-S2-24	Grade 33	Built Up I	13.36833	2.	0.27325	0.27325	2.	0.27325
Pr-BJ1-G3-S2-25	Grade 33	Built Up I	13.49417	2.	0.33575	0.33575	2.	0.33575
Pr-BJ1-G3-S2-26	Grade 33	Built Up I	13.49417	2.	0.33575	0.33575	2.	0.33575
Pr-BJ1-G3-S2-3	Grade 33	Built Up I	13.36833	2.	0.27325	0.27325	2.	0.27325
Pr-BJ1-G3-S2-4	Grade 33	Built Up I	13.36833	2.	0.27325	0.27325	2.	0.27325
Pr-BJ1-G3-S2-5	Grade 33	Built Up I	13.24083	2.	0.21075	0.21075	2.	0.21075
Pr-BJ1-G3-S2-6	Grade 33	Built Up I	13.24083	2.	0.21075	0.21075	2.	0.21075
Pr-BJ1-G3-S2-7	Grade 33	Built Up I	13.09083	2.	0.13783	0.13783	2.	0.13783
Pr-BJ1-G3-S2-8	Grade 33	Built Up I	13.09083	2.	0.13783	0.13783	2.	0.13783
Pr-BJ1-G3-S2-9	Grade 33	Built Up I	12.95833	1.38542	0.09375	0.09375	1.38542	0.09375
Pr-BJ1-G3-S3-1	Grade 33	Built Up I	13.49417	2.	0.33575	0.33575	2.	0.33575
Pr-BJ1-G3-S3-10	Grade 33	Built Up I	12.95833	1.38542	0.09375	0.09375	1.38542	0.09375
Pr-BJ1-G3-S3-11	Grade 33	Built Up I	13.07917	1.5	0.14908	0.14908	1.5	0.14908
Pr-BJ1-G3-S3-12	Grade 33	Built Up I	13.07917	1.5	0.14908	0.14908	1.5	0.14908
Pr-BJ1-G3-S3-13	Grade 33	Built Up I	12.95833	1.38542	0.09375	0.09375	1.38542	0.09375
Pr-BJ1-G3-S3-14	Grade 33	Built Up I	12.95833	1.38542	0.09375	0.09375	1.38542	0.09375
Pr-BJ1-G3-S3-2	Grade 33	Built Up I	13.49417	2.	0.33575	0.33575	2.	0.33575
Pr-BJ1-G3-S3-3	Grade 33	Built Up I	13.36833	2.	0.27325	0.27325	2.	0.27325
Pr-BJ1-G3-S3-4	Grade 33	Built Up I	13.36833	2.	0.27325	0.27325	2.	0.27325
Pr-BJ1-G3-S3-5	Grade 33	Built Up I	13.24083	2.	0.21075	0.21075	2.	0.21075
Pr-BJ1-G3-S3-6	Grade 33	Built Up I	13.24083	2.	0.21075	0.21075	2.	0.21075
Pr-BJ1-G3-S3-7	Grade 33	Built Up I	13.09083	2.	0.13783	0.13783	2.	0.13783
Pr-BJ1-G3-S3-8	Grade 33	Built Up I	13.09083	2.	0.13783	0.13783	2.	0.13783
Pr-BJ1-G3-S3-9	Grade 33	Built Up I	12.95833	1.38542	0.09375	0.09375	1.38542	0.09375
Section A	Grade 33	I/Wide Flange	12.95833	1.38542	0.09375	0.05208	1.38542	0.09375
Section B	Grade 33	I/Wide Flange	13.07917	1.5	0.14908	0.05208	1.5	0.14908
Section C	Grade 33	I/Wide Flange	13.09083	2.	0.13783	0.05208	2.	0.13783
Section D	Grade 33	I/Wide Flange	13.24083	2.	0.21075	0.05208	2.	0.21075
Section E	Grade 33	I/Wide Flange	13.36833	2.	0.27325	0.05208	2.	0.27325
Section F	Grade 33	I/Wide Flange	13.49417	2.	0.33575	0.05208	2.	0.33575
Section G	Grade 33	I/Wide Flange	13.1125	2.	0.14825	0.05208	2.	0.14825
Section H	Grade 33	I/Wide Flange	13.2625	2.	0.22117	0.05208	2.	0.22117
ST6 x 22.5	Grade 33	Tee	0.5	0.4167	0.0317	0.0208		
W24x84	Grade 33	I/Wide Flange	2.00833	0.75167	0.06417	0.03917	0.75167	0.06417

Table 19: Frame Section Properties 01 - General, Part 1 of 4

SectionName	Material	Shape	t3	t2	tf	tw	t2b	tfb
			ft	ft	ft	ft	ft	ft
W30x108	Grade 33	I/Wide Flange	2.48583	0.87292	0.06333	0.04542	0.87292	0.06333
W30x132	Grade 33	I/Wide Flange	2.52583	0.87875	0.08333	0.05125	0.87875	0.08333

Table 19: Frame Section Properties 01 - General, Part 2 of 4

Table 19: Frame Section Properties 01 - General, Part 2 of 4

SectionName	Area	TorsConst	I33	I22	I23	AS2	AS3
	ft2	ft4	ft4	ft4	ft4	ft2	ft2
Back Wall	2.1667	0.513016	0.847608	0.180556	0.	1.8056	1.8056
Bent Cap	400.	7673.22031	83333.3333	2133.333333	0.	333.3333	333.3333
BRD1	45.1898	4.678038	337.45435	17190.76151	0.	4.6242	34.3971
BRD10	48.3048	4.806848	522.107905	18429.2407	0.	7.369	34.5312
BRD100	56.0583	5.492698	947.052135	21512.63437	0.	13.7335	35.0704
BRD101	56.0583	5.492698	947.052135	21512.63437	0.	13.7335	35.0704
BRD102	52.6502	5.294217	764.258169	20157.61151	0.	10.581	35.0189
BRD103	52.6502	5.294217	764.258169	20157.61151	0.	10.581	35.0189
BRD104	48.6749	5.180255	529.739483	18577.10477	0.	6.9169	34.9441
BRD105	48.6749	5.180255	529.739483	18577.10477	0.	6.9169	34.9441
BRD106	48.6749	5.180255	529.739483	18577.10477	0.	6.9169	34.9441
BRD107	48.6749	5.180255	529.739483	18577.10477	0.	6.9169	34.9441
BRD108	45.1898	4.678038	337.45435	17190.76151	0.	4.6242	34.3971
BRD109	45.1898	4.678038	337.45435	17190.76151	0.	4.6242	34.3971
BRD11	48.3048	4.806848	522.107905	18429.2407	0.	7.369	34.5312
BRD110	45.1898	4.678038	337.45435	17190.76151	0.	4.6242	34.3971
BRD111	45.1898	4.678038	337.45435	17190.76151	0.	4.6242	34.3971
BRD112	45.1898	4.678038	337.45435	17190.76151	0.	4.6242	34.3971
BRD113	45.1898	4.678038	337.45435	17190.76151	0.	4.6242	34.3971
BRD114	48.3048	4.806848	522.107905	18429.2407	0.	7.369	34.5312
BRD115	48.3048	4.806848	522.107905	18429.2407	0.	7.369	34.5312
BRD116	48.3048	4.806848	522.107905	18429.2407	0.	7.369	34.5312
BRD117	48.3048	4.806848	522.107905	18429.2407	0.	7.369	34.5312
BRD118	48.3048	4.806848	522.107905	18429.2407	0.	7.369	34.5312
BRD119	48.3048	4.806848	522.107905	18429.2407	0.	7.369	34.5312

Table 19: Frame Section Properties 01 - General, Part 2 of 4

SectionName	Area	TorsConst	I33	I22	I23	AS2	AS3
	ft2	ft4	ft4	ft4	ft4	ft2	ft2
BRD12	48.3048	4.806848	522.107905	18429.2407	0.	7.369	34.5312
BRD120	48.3048	4.806848	522.107905	18429.2407	0.	7.369	34.5312
BRD121	48.3048	4.806848	522.107905	18429.2407	0.	7.369	34.5312
BRD122	48.3048	4.806848	522.107905	18429.2407	0.	7.369	34.5312
BRD123	48.3048	4.806848	522.107905	18429.2407	0.	7.369	34.5312
BRD124	48.3048	4.806848	522.107905	18429.2407	0.	7.369	34.5312
BRD125	48.3048	4.806848	522.107905	18429.2407	0.	7.369	34.5312
BRD126	48.3048	4.806848	522.107905	18429.2407	0.	7.369	34.5312
BRD127	48.3048	4.806848	522.107905	18429.2407	0.	7.369	34.5312
BRD128	48.3048	4.806848	522.107905	18429.2407	0.	7.369	34.5312
BRD129	48.3048	4.806848	522.107905	18429.2407	0.	7.369	34.5312
BRD13	48.3048	4.806848	522.107905	18429.2407	0.	7.369	34.5312
BRD130	45.1898	4.678038	337.45435	17190.76151	0.	4.6242	34.3971
BRD131	45.1898	4.678038	337.45435	17190.76151	0.	4.6242	34.3971
BRD132	45.1898	4.678038	337.45435	17190.76151	0.	4.6242	34.3971
BRD133	45.1898	4.678038	337.45435	17190.76151	0.	4.6242	34.3971
BRD134	45.1898	4.678038	337.45435	17190.76151	0.	4.6242	34.3971
BRD135	45.1898	4.678038	337.45435	17190.76151	0.	4.6242	34.3971
BRD136	45.1898	4.678038	337.45435	17190.76151	0.	4.6242	34.3971
BRD14	48.3048	4.806848	522.107905	18429.2407	0.	7.369	34.5312
BRD15	48.3048	4.806848	522.107905	18429.2407	0.	7.369	34.5312
BRD16	48.3048	4.806848	522.107905	18429.2407	0.	7.369	34.5312
BRD17	48.3048	4.806848	522.107905	18429.2407	0.	7.369	34.5312
BRD18	48.3048	4.806848	522.107905	18429.2407	0.	7.369	34.5312
BRD19	48.3048	4.806848	522.107905	18429.2407	0.	7.369	34.5312
BRD2	45.1898	4.678038	337.45435	17190.76151	0.	4.6242	34.3971
BRD20	48.3048	4.806848	522.107905	18429.2407	0.	7.369	34.5312
BRD21	48.3048	4.806848	522.107905	18429.2407	0.	7.369	34.5312
BRD22	48.3048	4.806848	522.107905	18429.2407	0.	7.369	34.5312
BRD23	48.3048	4.806848	522.107905	18429.2407	0.	7.369	34.5312

Table 19: Frame Section Properties 01 - General, Part 2 of 4

SectionName	Area	TorsConst	I33	I22	I23	AS2	AS3
	ft2	ft4	ft4	ft4	ft4	ft2	ft2
BRD24	45.1898	4.678038	337.45435	17190.76151	0.	4.6242	34.3971
BRD25	45.1898	4.678038	337.45435	17190.76151	0.	4.6242	34.3971
BRD26	45.1898	4.678038	337.45435	17190.76151	0.	4.6242	34.3971
BRD27	45.1898	4.678038	337.45435	17190.76151	0.	4.6242	34.3971
BRD28	45.1898	4.678038	337.45435	17190.76151	0.	4.6242	34.3971
BRD29	45.1898	4.678038	337.45435	17190.76151	0.	4.6242	34.3971
BRD3	45.1898	4.678038	337.45435	17190.76151	0.	4.6242	34.3971
BRD30	48.6749	5.180255	529.739483	18577.10477	0.	6.9169	34.9441
BRD31	48.6749	5.180255	529.739483	18577.10477	0.	6.9169	34.9441
BRD32	48.6749	5.180255	529.739483	18577.10477	0.	6.9169	34.9441
BRD33	48.6749	5.180255	529.739483	18577.10477	0.	6.9169	34.9441
BRD34	52.6502	5.294217	764.258169	20157.61151	0.	10.581	35.0189
BRD35	52.6502	5.294217	764.258169	20157.61151	0.	10.581	35.0189
BRD36	56.0583	5.492698	947.052135	21512.63437	0.	13.7335	35.0704
BRD37	56.0583	5.492698	947.052135	21512.63437	0.	13.7335	35.0704
BRD38	59.4655	5.81389	1115.877095	22867.31773	0.	16.8947	35.1136
BRD39	59.4655	5.81389	1115.877095	22867.31773	0.	16.8947	35.1136
BRD4	45.1898	4.678038	337.45435	17190.76151	0.	4.6242	34.3971
BRD40	59.4655	5.81389	1115.877095	22867.31773	0.	16.8947	35.1136
BRD41	59.4655	5.81389	1115.877095	22867.31773	0.	16.8947	35.1136
BRD42	59.4655	5.81389	1115.877095	22867.31773	0.	16.8947	35.1136
BRD43	59.4655	5.81389	1115.877095	22867.31773	0.	16.8947	35.1136
BRD44	56.0583	5.492698	947.052135	21512.63437	0.	13.7335	35.0704
BRD45	56.0583	5.492698	947.052135	21512.63437	0.	13.7335	35.0704
BRD46	52.6502	5.294217	764.258169	20157.61151	0.	10.581	35.0189
BRD47	52.6502	5.294217	764.258169	20157.61151	0.	10.581	35.0189
BRD48	48.6749	5.180255	529.739483	18577.10477	0.	6.9169	34.9441
BRD49	48.6749	5.180255	529.739483	18577.10477	0.	6.9169	34.9441
BRD5	45.1898	4.678038	337.45435	17190.76151	0.	4.6242	34.3971
BRD50	45.1898	4.678038	337.45435	17190.76151	0.	4.6242	34.3971

Table 19: Frame Section Properties 01 - General, Part 2 of 4

SectionName	Area	TorsConst	I33	I22	I23	AS2	AS3
	ft2	ft4	ft4	ft4	ft4	ft2	ft2
BRD51	45.1898	4.678038	337.45435	17190.76151	0.	4.6242	34.3971
BRD52	45.1898	4.678038	337.45435	17190.76151	0.	4.6242	34.3971
BRD53	45.1898	4.678038	337.45435	17190.76151	0.	4.6242	34.3971
BRD54	45.1898	4.678038	337.45435	17190.76151	0.	4.6242	34.3971
BRD55	45.1898	4.678038	337.45435	17190.76151	0.	4.6242	34.3971
BRD56	49.2428	5.19013	564.850828	18802.88735	0.	7.4394	34.956
BRD57	49.2428	5.19013	564.850828	18802.88735	0.	7.4394	34.956
BRD58	49.2428	5.19013	564.850828	18802.88735	0.	7.4394	34.956
BRD59	53.2185	5.319928	795.846337	20383.55119	0.	11.1059	35.0282
BRD6	45.1898	4.678038	337.45435	17190.76151	0.	4.6242	34.3971
BRD60	53.2185	5.319928	795.846337	20383.55119	0.	11.1059	35.0282
BRD61	53.2185	5.319928	795.846337	20383.55119	0.	11.1059	35.0282
BRD62	53.2185	5.319928	795.846337	20383.55119	0.	11.1059	35.0282
BRD63	53.2185	5.319928	795.846337	20383.55119	0.	11.1059	35.0282
BRD64	53.2185	5.319928	795.846337	20383.55119	0.	11.1059	35.0282
BRD65	53.2185	5.319928	795.846337	20383.55119	0.	11.1059	35.0282
BRD66	53.2185	5.319928	795.846337	20383.55119	0.	11.1059	35.0282
BRD67	53.2185	5.319928	795.846337	20383.55119	0.	11.1059	35.0282
BRD68	53.2185	5.319928	795.846337	20383.55119	0.	11.1059	35.0282
BRD69	53.2185	5.319928	795.846337	20383.55119	0.	11.1059	35.0282
BRD7	45.1898	4.678038	337.45435	17190.76151	0.	4.6242	34.3971
BRD70	53.2185	5.319928	795.846337	20383.55119	0.	11.1059	35.0282
BRD71	53.2185	5.319928	795.846337	20383.55119	0.	11.1059	35.0282
BRD72	53.2185	5.319928	795.846337	20383.55119	0.	11.1059	35.0282
BRD73	53.2185	5.319928	795.846337	20383.55119	0.	11.1059	35.0282
BRD74	53.2185	5.319928	795.846337	20383.55119	0.	11.1059	35.0282
BRD75	53.2185	5.319928	795.846337	20383.55119	0.	11.1059	35.0282
BRD76	53.2185	5.319928	795.846337	20383.55119	0.	11.1059	35.0282
BRD77	53.2185	5.319928	795.846337	20383.55119	0.	11.1059	35.0282
BRD78	53.2185	5.319928	795.846337	20383.55119	0.	11.1059	35.0282

Table 19: Frame Section Properties 01 - General, Part 2 of 4

SectionName	Area	TorsConst	I33	I22	I23	AS2	AS3
	ft2	ft4	ft4	ft4	ft4	ft2	ft2
BRD79	49.2428	5.19013	564.850828	18802.88735	0.	7.4394	34.956
BRD8	48.3048	4.806848	522.107905	18429.2407	0.	7.369	34.5312
BRD80	49.2428	5.19013	564.850828	18802.88735	0.	7.4394	34.956
BRD81	49.2428	5.19013	564.850828	18802.88735	0.	7.4394	34.956
BRD82	45.1898	4.678038	337.45435	17190.76151	0.	4.6242	34.3971
BRD83	45.1898	4.678038	337.45435	17190.76151	0.	4.6242	34.3971
BRD84	45.1898	4.678038	337.45435	17190.76151	0.	4.6242	34.3971
BRD85	45.1898	4.678038	337.45435	17190.76151	0.	4.6242	34.3971
BRD86	45.1898	4.678038	337.45435	17190.76151	0.	4.6242	34.3971
BRD87	45.1898	4.678038	337.45435	17190.76151	0.	4.6242	34.3971
BRD88	48.6749	5.180255	529.739483	18577.10477	0.	6.9169	34.9441
BRD89	48.6749	5.180255	529.739483	18577.10477	0.	6.9169	34.9441
BRD9	48.3048	4.806848	522.107905	18429.2407	0.	7.369	34.5312
BRD90	52.6502	5.294217	764.258169	20157.61151	0.	10.581	35.0189
BRD91	52.6502	5.294217	764.258169	20157.61151	0.	10.581	35.0189
BRD92	56.0583	5.492698	947.052135	21512.63437	0.	13.7335	35.0704
BRD93	56.0583	5.492698	947.052135	21512.63437	0.	13.7335	35.0704
BRD94	59.4655	5.81389	1115.877095	22867.31773	0.	16.8947	35.1136
BRD95	59.4655	5.81389	1115.877095	22867.31773	0.	16.8947	35.1136
BRD96	59.4655	5.81389	1115.877095	22867.31773	0.	16.8947	35.1136
BRD97	59.4655	5.81389	1115.877095	22867.31773	0.	16.8947	35.1136
BRD98	59.4655	5.81389	1115.877095	22867.31773	0.	16.8947	35.1136
BRD99	59.4655	5.81389	1115.877095	22867.31773	0.	16.8947	35.1136
ColumnSection	6.25	5.501302	3.255208	3.255208	0.	5.2083	5.2083
Diapragm @ Pier	3.5625	0.601527	6.698242	0.166992	0.	2.9688	2.9688
FSEC1	20.	54.741675	41.666667	26.666667	0.	16.6667	16.6667
FSEC10	0.7222	0.004231	1.873971	0.05443	0.	0.3333	0.3472
FSEC11	0.	0.	0.	0.	0.	0.	0.
FSEC12	0.4423	0.00671	0.001803	0.147444	0.	0.3686	0.3686
FSEC2	0.1299	0.000364	0.000095	0.020775	0.	0.1082	0.1082
FSEC3	0.0425	0.000018	0.004825	4.711E-06	0.	0.0354	0.0354
FSEC4	0.2236	0.001553	0.000414	0.04193	0.	0.1864	0.1864
FSEC5	0.2757	0.00167	0.000436	0.091889	0.	0.2297	0.2297
FSEC6	0.4215	0.005826	0.00156	0.1405	0.	0.3513	0.3513
FSEC7	0.5465	0.012431	0.0034	0.182167	0.	0.4554	0.4554

Table 19: Frame Section Properties 01 - General, Part 2 of 4

SectionName	Area	TorsConst	I33	I22	I23	AS2	AS3
	ft2	ft4	ft4	ft4	ft4	ft2	ft2
FSEC8	0.6715	0.022564	0.006308	0.223833	0.	0.5596	0.5596
FSEC9	0.2965	0.002071	0.000543	0.098833	0.	0.2471	0.2471
Girder - Span 1							
Girder - Span 2							
Girder - Span 3							
Int. FB_BC	0.0448	0.000027	0.000799	0.001206	0.	0.014	0.0268
Int. FB_diag	0.0303	9.621E-06	0.000742	0.000742	0.000443	0.0156	0.0156
NPr-BJ1-G0-S1							
NPr-BJ1-G0-S2							
NPr-BJ1-G0-S3							
NPr-BJ1-G1-S1							
NPr-BJ1-G1-S2							
NPr-BJ1-G1-S3							
NPr-BJ1-G2-S1							
NPr-BJ1-G2-S2							
NPr-BJ1-G2-S3							
NPr-BJ1-G3-S1							
NPr-BJ1-G3-S2							
NPr-BJ1-G3-S3							
Pr-BJ1-G0-S1-1	1.457	0.00422	27.020086	0.042426	0.	1.2148	0.2165
Pr-BJ1-G0-S1-10	3.5447	0.051237	72.783278	0.291	0.	2.7905	0.7025
Pr-BJ1-G0-S1-11	4.5966	0.11089	94.862722	0.386133	0.	3.6529	0.9108
Pr-BJ1-G0-S1-12	4.5966	0.11089	94.862722	0.386133	0.	3.6529	0.9108
Pr-BJ1-G0-S1-13	5.6482	0.204232	117.134527	0.48811	0.	4.5307	1.1192
Pr-BJ1-G0-S1-14	5.6482	0.204232	117.134527	0.48811	0.	4.5307	1.1192
Pr-BJ1-G0-S1-2	1.457	0.00422	27.020086	0.042426	0.	1.2148	0.2165
Pr-BJ1-G0-S1-3	2.3527	0.017119	44.632781	0.087389	0.	1.9499	0.3727
Pr-BJ1-G0-S1-4	2.3527	0.017119	44.632781	0.087389	0.	1.9499	0.3727
Pr-BJ1-G0-S1-5	1.457	0.00422	27.020086	0.042426	0.	1.2148	0.2165
Pr-BJ1-G0-S1-6	1.457	0.00422	27.020086	0.042426	0.	1.2148	0.2165
Pr-BJ1-G0-S1-7	2.3177	0.01445	47.300426	0.186574	0.	1.8044	0.4594
Pr-BJ1-G0-S1-8	2.3177	0.01445	47.300426	0.186574	0.	1.8044	0.4594
Pr-BJ1-G0-S1-9	3.5447	0.051237	72.783278	0.291	0.	2.7905	0.7025
Pr-BJ1-G0-S2-1	5.6482	0.204232	117.134527	0.48811	0.	4.5307	1.1192
Pr-BJ1-G0-S2-10	1.457	0.00422	27.020086	0.042426	0.	1.2148	0.2165
Pr-BJ1-G0-S2-11	2.493	0.017959	50.923571	0.201146	0.	1.9439	0.4942
Pr-BJ1-G0-S2-12	2.493	0.017959	50.923571	0.201146	0.	1.9439	0.4942
Pr-BJ1-G0-S2-13	3.7201	0.059148	76.453485	0.306447	0.	2.9332	0.7372
Pr-BJ1-G0-S2-14	3.7201	0.059148	76.453485	0.306447	0.	2.9332	0.7372
Pr-BJ1-G0-S2-15	2.493	0.017959	50.923571	0.201146	0.	1.9439	0.4942
Pr-BJ1-G0-S2-16	2.493	0.017959	50.923571	0.201146	0.	1.9439	0.4942
Pr-BJ1-G0-S2-17	1.457	0.00422	27.020086	0.042426	0.	1.2148	0.2165
Pr-BJ1-G0-S2-18	1.457	0.00422	27.020086	0.042426	0.	1.2148	0.2165
Pr-BJ1-G0-S2-19	2.3177	0.01445	47.300426	0.186574	0.	1.8044	0.4594
Pr-BJ1-G0-S2-2	5.6482	0.204232	117.134527	0.48811	0.	4.5307	1.1192
Pr-BJ1-G0-S2-20	2.3177	0.01445	47.300426	0.186574	0.	1.8044	0.4594
Pr-BJ1-G0-S2-21	3.5447	0.051237	72.783278	0.291	0.	2.7905	0.7025
Pr-BJ1-G0-S2-22	3.5447	0.051237	72.783278	0.291	0.	2.7905	0.7025
Pr-BJ1-G0-S2-23	4.5966	0.11089	94.862722	0.386133	0.	3.6529	0.9108
Pr-BJ1-G0-S2-24	4.5966	0.11089	94.862722	0.386133	0.	3.6529	0.9108

Table 19: Frame Section Properties 01 - General, Part 2 of 4

SectionName	Area	TorsConst	I33	I22	I23	AS2	AS3
	ft2	ft4	ft4	ft4	ft4	ft2	ft2
Pr-BJ1-G0-S2-25	5.6482	0.204232	117.134527	0.48811	0.	4.5307	1.1192
Pr-BJ1-G0-S2-26	5.6482	0.204232	117.134527	0.48811	0.	4.5307	1.1192
Pr-BJ1-G0-S2-3	4.5966	0.11089	94.862722	0.386133	0.	3.6529	0.9108
Pr-BJ1-G0-S2-4	4.5966	0.11089	94.862722	0.386133	0.	3.6529	0.9108
Pr-BJ1-G0-S2-5	3.5447	0.051237	72.783278	0.291	0.	2.7905	0.7025
Pr-BJ1-G0-S2-6	3.5447	0.051237	72.783278	0.291	0.	2.7905	0.7025
Pr-BJ1-G0-S2-7	2.3177	0.01445	47.300426	0.186574	0.	1.8044	0.4594
Pr-BJ1-G0-S2-8	2.3177	0.01445	47.300426	0.186574	0.	1.8044	0.4594
Pr-BJ1-G0-S2-9	1.457	0.00422	27.020086	0.042426	0.	1.2148	0.2165
Pr-BJ1-G0-S3-1	5.6482	0.204232	117.134527	0.48811	0.	4.5307	1.1192
Pr-BJ1-G0-S3-10	1.457	0.00422	27.020086	0.042426	0.	1.2148	0.2165
Pr-BJ1-G0-S3-11	2.3527	0.017119	44.632781	0.087389	0.	1.9499	0.3727
Pr-BJ1-G0-S3-12	2.3527	0.017119	44.632781	0.087389	0.	1.9499	0.3727
Pr-BJ1-G0-S3-13	1.457	0.00422	27.020086	0.042426	0.	1.2148	0.2165
Pr-BJ1-G0-S3-14	1.457	0.00422	27.020086	0.042426	0.	1.2148	0.2165
Pr-BJ1-G0-S3-2	5.6482	0.204232	117.134527	0.48811	0.	4.5307	1.1192
Pr-BJ1-G0-S3-3	4.5966	0.11089	94.862722	0.386133	0.	3.6529	0.9108
Pr-BJ1-G0-S3-4	4.5966	0.11089	94.862722	0.386133	0.	3.6529	0.9108
Pr-BJ1-G0-S3-5	3.5447	0.051237	72.783278	0.291	0.	2.7905	0.7025
Pr-BJ1-G0-S3-6	3.5447	0.051237	72.783278	0.291	0.	2.7905	0.7025
Pr-BJ1-G0-S3-7	2.3177	0.01445	47.300426	0.186574	0.	1.8044	0.4594
Pr-BJ1-G0-S3-8	2.3177	0.01445	47.300426	0.186574	0.	1.8044	0.4594
Pr-BJ1-G0-S3-9	1.457	0.00422	27.020086	0.042426	0.	1.2148	0.2165
Pr-BJ1-G1-S1-1	1.457	0.00422	27.020086	0.042426	0.	1.2148	0.2165
Pr-BJ1-G1-S1-10	3.5447	0.051237	72.783278	0.291	0.	2.7905	0.7025
Pr-BJ1-G1-S1-11	4.5966	0.11089	94.862722	0.386133	0.	3.6529	0.9108
Pr-BJ1-G1-S1-12	4.5966	0.11089	94.862722	0.386133	0.	3.6529	0.9108
Pr-BJ1-G1-S1-13	5.6482	0.204232	117.134527	0.48811	0.	4.5307	1.1192
Pr-BJ1-G1-S1-14	5.6482	0.204232	117.134527	0.48811	0.	4.5307	1.1192
Pr-BJ1-G1-S1-2	1.457	0.00422	27.020086	0.042426	0.	1.2148	0.2165
Pr-BJ1-G1-S1-3	2.3527	0.017119	44.632781	0.087389	0.	1.9499	0.3727
Pr-BJ1-G1-S1-4	2.3527	0.017119	44.632781	0.087389	0.	1.9499	0.3727
Pr-BJ1-G1-S1-5	1.457	0.00422	27.020086	0.042426	0.	1.2148	0.2165
Pr-BJ1-G1-S1-6	1.457	0.00422	27.020086	0.042426	0.	1.2148	0.2165
Pr-BJ1-G1-S1-7	2.3177	0.01445	47.300426	0.186574	0.	1.8044	0.4594
Pr-BJ1-G1-S1-8	2.3177	0.01445	47.300426	0.186574	0.	1.8044	0.4594
Pr-BJ1-G1-S1-9	3.5447	0.051237	72.783278	0.291	0.	2.7905	0.7025
Pr-BJ1-G1-S2-1	5.6482	0.204232	117.134527	0.48811	0.	4.5307	1.1192
Pr-BJ1-G1-S2-10	1.457	0.00422	27.020086	0.042426	0.	1.2148	0.2165
Pr-BJ1-G1-S2-11	2.493	0.017959	50.923571	0.201146	0.	1.9439	0.4942
Pr-BJ1-G1-S2-12	2.493	0.017959	50.923571	0.201146	0.	1.9439	0.4942
Pr-BJ1-G1-S2-13	3.7201	0.059148	76.453485	0.306447	0.	2.9332	0.7372
Pr-BJ1-G1-S2-14	3.7201	0.059148	76.453485	0.306447	0.	2.9332	0.7372
Pr-BJ1-G1-S2-15	2.493	0.017959	50.923571	0.201146	0.	1.9439	0.4942
Pr-BJ1-G1-S2-16	2.493	0.017959	50.923571	0.201146	0.	1.9439	0.4942
Pr-BJ1-G1-S2-17	1.457	0.00422	27.020086	0.042426	0.	1.2148	0.2165
Pr-BJ1-G1-S2-18	1.457	0.00422	27.020086	0.042426	0.	1.2148	0.2165
Pr-BJ1-G1-S2-19	2.3177	0.01445	47.300426	0.186574	0.	1.8044	0.4594

Table 19: Frame Section Properties 01 - General, Part 2 of 4

SectionName	Area	TorsConst	I33	I22	I23	AS2	AS3
	ft2	ft4	ft4	ft4	ft4	ft2	ft2
Pr-BJ1-G1-S2-2	5.6482	0.204232	117.134527	0.48811	0.	4.5307	1.1192
Pr-BJ1-G1-S2-20	2.3177	0.01445	47.300426	0.186574	0.	1.8044	0.4594
Pr-BJ1-G1-S2-21	3.5447	0.051237	72.783278	0.291	0.	2.7905	0.7025
Pr-BJ1-G1-S2-22	3.5447	0.051237	72.783278	0.291	0.	2.7905	0.7025
Pr-BJ1-G1-S2-23	4.5966	0.11089	94.862722	0.386133	0.	3.6529	0.9108
Pr-BJ1-G1-S2-24	4.5966	0.11089	94.862722	0.386133	0.	3.6529	0.9108
Pr-BJ1-G1-S2-25	5.6482	0.204232	117.134527	0.48811	0.	4.5307	1.1192
Pr-BJ1-G1-S2-26	5.6482	0.204232	117.134527	0.48811	0.	4.5307	1.1192
Pr-BJ1-G1-S2-3	4.5966	0.11089	94.862722	0.386133	0.	3.6529	0.9108
Pr-BJ1-G1-S2-4	4.5966	0.11089	94.862722	0.386133	0.	3.6529	0.9108
Pr-BJ1-G1-S2-5	3.5447	0.051237	72.783278	0.291	0.	2.7905	0.7025
Pr-BJ1-G1-S2-6	3.5447	0.051237	72.783278	0.291	0.	2.7905	0.7025
Pr-BJ1-G1-S2-7	2.3177	0.01445	47.300426	0.186574	0.	1.8044	0.4594
Pr-BJ1-G1-S2-8	2.3177	0.01445	47.300426	0.186574	0.	1.8044	0.4594
Pr-BJ1-G1-S2-9	1.457	0.00422	27.020086	0.042426	0.	1.2148	0.2165
Pr-BJ1-G1-S3-1	5.6482	0.204232	117.134527	0.48811	0.	4.5307	1.1192
Pr-BJ1-G1-S3-10	1.457	0.00422	27.020086	0.042426	0.	1.2148	0.2165
Pr-BJ1-G1-S3-11	2.3527	0.017119	44.632781	0.087389	0.	1.9499	0.3727
Pr-BJ1-G1-S3-12	2.3527	0.017119	44.632781	0.087389	0.	1.9499	0.3727
Pr-BJ1-G1-S3-13	1.457	0.00422	27.020086	0.042426	0.	1.2148	0.2165
Pr-BJ1-G1-S3-14	1.457	0.00422	27.020086	0.042426	0.	1.2148	0.2165
Pr-BJ1-G1-S3-2	5.6482	0.204232	117.134527	0.48811	0.	4.5307	1.1192
Pr-BJ1-G1-S3-3	4.5966	0.11089	94.862722	0.386133	0.	3.6529	0.9108
Pr-BJ1-G1-S3-4	4.5966	0.11089	94.862722	0.386133	0.	3.6529	0.9108
Pr-BJ1-G1-S3-5	3.5447	0.051237	72.783278	0.291	0.	2.7905	0.7025
Pr-BJ1-G1-S3-6	3.5447	0.051237	72.783278	0.291	0.	2.7905	0.7025
Pr-BJ1-G1-S3-7	2.3177	0.01445	47.300426	0.186574	0.	1.8044	0.4594
Pr-BJ1-G1-S3-8	2.3177	0.01445	47.300426	0.186574	0.	1.8044	0.4594
Pr-BJ1-G1-S3-9	1.457	0.00422	27.020086	0.042426	0.	1.2148	0.2165
Pr-BJ1-G2-S1-1	1.457	0.00422	27.020086	0.042426	0.	1.2148	0.2165
Pr-BJ1-G2-S1-10	3.5447	0.051237	72.783278	0.291	0.	2.7905	0.7025
Pr-BJ1-G2-S1-11	4.5966	0.11089	94.862722	0.386133	0.	3.6529	0.9108
Pr-BJ1-G2-S1-12	4.5966	0.11089	94.862722	0.386133	0.	3.6529	0.9108
Pr-BJ1-G2-S1-13	5.6482	0.204232	117.134527	0.48811	0.	4.5307	1.1192
Pr-BJ1-G2-S1-14	5.6482	0.204232	117.134527	0.48811	0.	4.5307	1.1192
Pr-BJ1-G2-S1-2	1.457	0.00422	27.020086	0.042426	0.	1.2148	0.2165
Pr-BJ1-G2-S1-3	2.3527	0.017119	44.632781	0.087389	0.	1.9499	0.3727
Pr-BJ1-G2-S1-4	2.3527	0.017119	44.632781	0.087389	0.	1.9499	0.3727
Pr-BJ1-G2-S1-5	1.457	0.00422	27.020086	0.042426	0.	1.2148	0.2165
Pr-BJ1-G2-S1-6	1.457	0.00422	27.020086	0.042426	0.	1.2148	0.2165
Pr-BJ1-G2-S1-7	2.3177	0.01445	47.300426	0.186574	0.	1.8044	0.4594
Pr-BJ1-G2-S1-8	2.3177	0.01445	47.300426	0.186574	0.	1.8044	0.4594
Pr-BJ1-G2-S1-9	3.5447	0.051237	72.783278	0.291	0.	2.7905	0.7025
Pr-BJ1-G2-S2-1	5.6482	0.204232	117.134527	0.48811	0.	4.5307	1.1192
Pr-BJ1-G2-S2-10	1.457	0.00422	27.020086	0.042426	0.	1.2148	0.2165
Pr-BJ1-G2-S2-11	2.493	0.017959	50.923571	0.201146	0.	1.9439	0.4942
Pr-BJ1-G2-S2-12	2.493	0.017959	50.923571	0.201146	0.	1.9439	0.4942
Pr-BJ1-G2-S2-13	3.7201	0.059148	76.453485	0.306447	0.	2.9332	0.7372

Table 19: Frame Section Properties 01 - General, Part 2 of 4

SectionName	Area	TorsConst	I33	I22	I23	AS2	AS3
	ft2	ft4	ft4	ft4	ft4	ft2	ft2
Pr-BJ1-G2-S2-14	3.7201	0.059148	76.453485	0.306447	0.	2.9332	0.7372
Pr-BJ1-G2-S2-15	2.493	0.017959	50.923571	0.201146	0.	1.9439	0.4942
Pr-BJ1-G2-S2-16	2.493	0.017959	50.923571	0.201146	0.	1.9439	0.4942
Pr-BJ1-G2-S2-17	1.457	0.00422	27.020086	0.042426	0.	1.2148	0.2165
Pr-BJ1-G2-S2-18	1.457	0.00422	27.020086	0.042426	0.	1.2148	0.2165
Pr-BJ1-G2-S2-19	2.3177	0.01445	47.300426	0.186574	0.	1.8044	0.4594
Pr-BJ1-G2-S2-2	5.6482	0.204232	117.134527	0.48811	0.	4.5307	1.1192
Pr-BJ1-G2-S2-20	2.3177	0.01445	47.300426	0.186574	0.	1.8044	0.4594
Pr-BJ1-G2-S2-21	3.5447	0.051237	72.783278	0.291	0.	2.7905	0.7025
Pr-BJ1-G2-S2-22	3.5447	0.051237	72.783278	0.291	0.	2.7905	0.7025
Pr-BJ1-G2-S2-23	4.5966	0.11089	94.862722	0.386133	0.	3.6529	0.9108
Pr-BJ1-G2-S2-24	4.5966	0.11089	94.862722	0.386133	0.	3.6529	0.9108
Pr-BJ1-G2-S2-25	5.6482	0.204232	117.134527	0.48811	0.	4.5307	1.1192
Pr-BJ1-G2-S2-26	5.6482	0.204232	117.134527	0.48811	0.	4.5307	1.1192
Pr-BJ1-G2-S2-3	4.5966	0.11089	94.862722	0.386133	0.	3.6529	0.9108
Pr-BJ1-G2-S2-4	4.5966	0.11089	94.862722	0.386133	0.	3.6529	0.9108
Pr-BJ1-G2-S2-5	3.5447	0.051237	72.783278	0.291	0.	2.7905	0.7025
Pr-BJ1-G2-S2-6	3.5447	0.051237	72.783278	0.291	0.	2.7905	0.7025
Pr-BJ1-G2-S2-7	2.3177	0.01445	47.300426	0.186574	0.	1.8044	0.4594
Pr-BJ1-G2-S2-8	2.3177	0.01445	47.300426	0.186574	0.	1.8044	0.4594
Pr-BJ1-G2-S2-9	1.457	0.00422	27.020086	0.042426	0.	1.2148	0.2165
Pr-BJ1-G2-S3-1	5.6482	0.204232	117.134527	0.48811	0.	4.5307	1.1192
Pr-BJ1-G2-S3-10	1.457	0.00422	27.020086	0.042426	0.	1.2148	0.2165
Pr-BJ1-G2-S3-11	2.3527	0.017119	44.632781	0.087389	0.	1.9499	0.3727
Pr-BJ1-G2-S3-12	2.3527	0.017119	44.632781	0.087389	0.	1.9499	0.3727
Pr-BJ1-G2-S3-13	1.457	0.00422	27.020086	0.042426	0.	1.2148	0.2165
Pr-BJ1-G2-S3-14	1.457	0.00422	27.020086	0.042426	0.	1.2148	0.2165
Pr-BJ1-G2-S3-2	5.6482	0.204232	117.134527	0.48811	0.	4.5307	1.1192
Pr-BJ1-G2-S3-3	4.5966	0.11089	94.862722	0.386133	0.	3.6529	0.9108
Pr-BJ1-G2-S3-4	4.5966	0.11089	94.862722	0.386133	0.	3.6529	0.9108
Pr-BJ1-G2-S3-5	3.5447	0.051237	72.783278	0.291	0.	2.7905	0.7025
Pr-BJ1-G2-S3-6	3.5447	0.051237	72.783278	0.291	0.	2.7905	0.7025
Pr-BJ1-G2-S3-7	2.3177	0.01445	47.300426	0.186574	0.	1.8044	0.4594
Pr-BJ1-G2-S3-8	2.3177	0.01445	47.300426	0.186574	0.	1.8044	0.4594
Pr-BJ1-G2-S3-9	1.457	0.00422	27.020086	0.042426	0.	1.2148	0.2165
Pr-BJ1-G3-S1-1	1.457	0.00422	27.020086	0.042426	0.	1.2148	0.2165
Pr-BJ1-G3-S1-10	3.5447	0.051237	72.783278	0.291	0.	2.7905	0.7025
Pr-BJ1-G3-S1-11	4.5966	0.11089	94.862722	0.386133	0.	3.6529	0.9108
Pr-BJ1-G3-S1-12	4.5966	0.11089	94.862722	0.386133	0.	3.6529	0.9108
Pr-BJ1-G3-S1-13	5.6482	0.204232	117.134527	0.48811	0.	4.5307	1.1192
Pr-BJ1-G3-S1-14	5.6482	0.204232	117.134527	0.48811	0.	4.5307	1.1192
Pr-BJ1-G3-S1-2	1.457	0.00422	27.020086	0.042426	0.	1.2148	0.2165
Pr-BJ1-G3-S1-3	2.3527	0.017119	44.632781	0.087389	0.	1.9499	0.3727
Pr-BJ1-G3-S1-4	2.3527	0.017119	44.632781	0.087389	0.	1.9499	0.3727
Pr-BJ1-G3-S1-5	1.457	0.00422	27.020086	0.042426	0.	1.2148	0.2165
Pr-BJ1-G3-S1-6	1.457	0.00422	27.020086	0.042426	0.	1.2148	0.2165
Pr-BJ1-G3-S1-7	2.3177	0.01445	47.300426	0.186574	0.	1.8044	0.4594
Pr-BJ1-G3-S1-8	2.3177	0.01445	47.300426	0.186574	0.	1.8044	0.4594
Pr-BJ1-G3-S1-9	3.5447	0.051237	72.783278	0.291	0.	2.7905	0.7025

Table 19: Frame Section Properties 01 - General, Part 2 of 4

SectionName	Area	TorsConst	I33	I22	I23	AS2	AS3
	ft2	ft4	ft4	ft4	ft4	ft2	ft2
Pr-BJ1-G3-S2-1	5.6482	0.204232	117.134527	0.48811	0.	4.5307	1.1192
Pr-BJ1-G3-S2-10	1.457	0.00422	27.020086	0.042426	0.	1.2148	0.2165
Pr-BJ1-G3-S2-11	2.493	0.017959	50.923571	0.201146	0.	1.9439	0.4942
Pr-BJ1-G3-S2-12	2.493	0.017959	50.923571	0.201146	0.	1.9439	0.4942
Pr-BJ1-G3-S2-13	3.7201	0.059148	76.453485	0.306447	0.	2.9332	0.7372
Pr-BJ1-G3-S2-14	3.7201	0.059148	76.453485	0.306447	0.	2.9332	0.7372
Pr-BJ1-G3-S2-15	2.493	0.017959	50.923571	0.201146	0.	1.9439	0.4942
Pr-BJ1-G3-S2-16	2.493	0.017959	50.923571	0.201146	0.	1.9439	0.4942
Pr-BJ1-G3-S2-17	1.457	0.00422	27.020086	0.042426	0.	1.2148	0.2165
Pr-BJ1-G3-S2-18	1.457	0.00422	27.020086	0.042426	0.	1.2148	0.2165
Pr-BJ1-G3-S2-19	2.3177	0.01445	47.300426	0.186574	0.	1.8044	0.4594
Pr-BJ1-G3-S2-2	5.6482	0.204232	117.134527	0.48811	0.	4.5307	1.1192
Pr-BJ1-G3-S2-20	2.3177	0.01445	47.300426	0.186574	0.	1.8044	0.4594
Pr-BJ1-G3-S2-21	3.5447	0.051237	72.783278	0.291	0.	2.7905	0.7025
Pr-BJ1-G3-S2-22	3.5447	0.051237	72.783278	0.291	0.	2.7905	0.7025
Pr-BJ1-G3-S2-23	4.5966	0.11089	94.862722	0.386133	0.	3.6529	0.9108
Pr-BJ1-G3-S2-24	4.5966	0.11089	94.862722	0.386133	0.	3.6529	0.9108
Pr-BJ1-G3-S2-25	5.6482	0.204232	117.134527	0.48811	0.	4.5307	1.1192
Pr-BJ1-G3-S2-26	5.6482	0.204232	117.134527	0.48811	0.	4.5307	1.1192
Pr-BJ1-G3-S2-3	4.5966	0.11089	94.862722	0.386133	0.	3.6529	0.9108
Pr-BJ1-G3-S2-4	4.5966	0.11089	94.862722	0.386133	0.	3.6529	0.9108
Pr-BJ1-G3-S2-5	3.5447	0.051237	72.783278	0.291	0.	2.7905	0.7025
Pr-BJ1-G3-S2-6	3.5447	0.051237	72.783278	0.291	0.	2.7905	0.7025
Pr-BJ1-G3-S2-7	2.3177	0.01445	47.300426	0.186574	0.	1.8044	0.4594
Pr-BJ1-G3-S2-8	2.3177	0.01445	47.300426	0.186574	0.	1.8044	0.4594
Pr-BJ1-G3-S2-9	1.457	0.00422	27.020086	0.042426	0.	1.2148	0.2165
Pr-BJ1-G3-S3-1	5.6482	0.204232	117.134527	0.48811	0.	4.5307	1.1192
Pr-BJ1-G3-S3-10	1.457	0.00422	27.020086	0.042426	0.	1.2148	0.2165
Pr-BJ1-G3-S3-11	2.3527	0.017119	44.632781	0.087389	0.	1.9499	0.3727
Pr-BJ1-G3-S3-12	2.3527	0.017119	44.632781	0.087389	0.	1.9499	0.3727
Pr-BJ1-G3-S3-13	1.457	0.00422	27.020086	0.042426	0.	1.2148	0.2165
Pr-BJ1-G3-S3-14	1.457	0.00422	27.020086	0.042426	0.	1.2148	0.2165
Pr-BJ1-G3-S3-2	5.6482	0.204232	117.134527	0.48811	0.	4.5307	1.1192
Pr-BJ1-G3-S3-3	4.5966	0.11089	94.862722	0.386133	0.	3.6529	0.9108
Pr-BJ1-G3-S3-4	4.5966	0.11089	94.862722	0.386133	0.	3.6529	0.9108
Pr-BJ1-G3-S3-5	3.5447	0.051237	72.783278	0.291	0.	2.7905	0.7025
Pr-BJ1-G3-S3-6	3.5447	0.051237	72.783278	0.291	0.	2.7905	0.7025
Pr-BJ1-G3-S3-7	2.3177	0.01445	47.300426	0.186574	0.	1.8044	0.4594
Pr-BJ1-G3-S3-8	2.3177	0.01445	47.300426	0.186574	0.	1.8044	0.4594
Pr-BJ1-G3-S3-9	1.457	0.00422	27.020086	0.042426	0.	1.2148	0.2165
Section A	0.9249	0.001328	19.787973	0.041699	0.	0.6749	0.2165
Section B	1.1129	0.003706	27.75618	0.08401	0.	0.6812	0.3727
Section C	1.2188	0.003942	32.261194	0.183929	0.	0.6818	0.4594
Section D	1.5107	0.012254	44.928432	0.281151	0.	0.6896	0.7025
Section E	1.7608	0.025464	56.01292	0.364484	0.	0.6963	0.9108
Section F	2.0108	0.04573	67.296354	0.447818	0.	0.7028	1.1192
Section G	1.2605	0.004743	34.054125	0.197818	0.	0.6829	0.4942
Section H	1.5524	0.014022	46.764143	0.29504	0.	0.6908	0.7372
ST6 x 22.5	0.023	5.697E-06	0.00053	0.000191	0.	0.0104	0.011

Table 19: Frame Section Properties 01 - General, Part 2 of 4

SectionName	Area	TorsConst	I33	I22	I23	AS2	AS3
	ft2	ft4	ft4	ft4	ft4	ft2	ft2
W24x84	0.1715	0.000178	0.114294	0.004552	0.	0.0787	0.0804
W30x108	0.2201	0.000241	0.215567	0.007041	0.	0.1129	0.0921
W30x132	0.2701	0.000469	0.27826	0.009452	0.	0.1295	0.122

Table 19: Frame Section Properties 01 - General, Part 3 of 4

Table 19: Frame Section Properties 01 - General, Part 3 of 4

SectionName	S33	S22	Z33	Z22	R33	R22
	ft3	ft3	ft3	ft3	ft	ft
Back Wall	0.782407	0.361111	1.173611	0.541667	0.62546	0.28868
Bent Cap	3333.333333	533.333333	5000.	800.	14.43376	2.3094
BRD1	26.633407	470.979767	425.598842	1809.103226	2.73267	19.50417
BRD10	42.422664	504.910704	614.063903	2508.100027	3.28765	19.53254
BRD100	81.642815	589.387243	1053.002525	4258.399533	4.11024	19.58966
BRD101	81.642815	589.387243	1053.002525	4258.399533	4.11024	19.58966
BRD102	64.133694	552.263329	859.450356	3441.932035	3.80996	19.56679
BRD103	64.133694	552.263329	859.450356	3441.932035	3.80996	19.56679
BRD104	42.889119	508.961774	622.54643	2489.561346	3.29897	19.53603
BRD105	42.889119	508.961774	622.54643	2489.561346	3.29897	19.53603
BRD106	42.889119	508.961774	622.54643	2489.561346	3.29897	19.53603
BRD107	42.889119	508.961774	622.54643	2489.561346	3.29897	19.53603
BRD108	26.633407	470.979767	425.598842	1809.103226	2.73267	19.50417
BRD109	26.633407	470.979767	425.598842	1809.103226	2.73267	19.50417
BRD11	42.422664	504.910704	614.063903	2508.100027	3.28765	19.53254
BRD110	26.633407	470.979767	425.598842	1809.103226	2.73267	19.50417
BRD111	26.633407	470.979767	425.598842	1809.103226	2.73267	19.50417
BRD112	26.633407	470.979767	425.598842	1809.103226	2.73267	19.50417
BRD113	26.633407	470.979767	425.598842	1809.103226	2.73267	19.50417
BRD114	42.422664	504.910704	614.063903	2508.100027	3.28765	19.53254
BRD115	42.422664	504.910704	614.063903	2508.100027	3.28765	19.53254
BRD116	42.422664	504.910704	614.063903	2508.100027	3.28765	19.53254
BRD117	42.422664	504.910704	614.063903	2508.100027	3.28765	19.53254
BRD118	42.422664	504.910704	614.063903	2508.100027	3.28765	19.53254
BRD119	42.422664	504.910704	614.063903	2508.100027	3.28765	19.53254

Table 19: Frame Section Properties 01 - General, Part 3 of 4

SectionName	S33	S22	Z33	Z22	R33	R22
	ft3	ft3	ft3	ft3	ft	ft
BRD12	42.422664	504.910704	614.063903	2508.100027	3.28765	19.53254
BRD120	42.422664	504.910704	614.063903	2508.100027	3.28765	19.53254
BRD121	42.422664	504.910704	614.063903	2508.100027	3.28765	19.53254
BRD122	42.422664	504.910704	614.063903	2508.100027	3.28765	19.53254
BRD123	42.422664	504.910704	614.063903	2508.100027	3.28765	19.53254
BRD124	42.422664	504.910704	614.063903	2508.100027	3.28765	19.53254
BRD125	42.422664	504.910704	614.063903	2508.100027	3.28765	19.53254
BRD126	42.422664	504.910704	614.063903	2508.100027	3.28765	19.53254
BRD127	42.422664	504.910704	614.063903	2508.100027	3.28765	19.53254
BRD128	42.422664	504.910704	614.063903	2508.100027	3.28765	19.53254
BRD129	42.422664	504.910704	614.063903	2508.100027	3.28765	19.53254
BRD13	42.422664	504.910704	614.063903	2508.100027	3.28765	19.53254
BRD130	26.633407	470.979767	425.598842	1809.103226	2.73267	19.50417
BRD131	26.633407	470.979767	425.598842	1809.103226	2.73267	19.50417
BRD132	26.633407	470.979767	425.598842	1809.103226	2.73267	19.50417
BRD133	26.633407	470.979767	425.598842	1809.103226	2.73267	19.50417
BRD134	26.633407	470.979767	425.598842	1809.103226	2.73267	19.50417
BRD135	26.633407	470.979767	425.598842	1809.103226	2.73267	19.50417
BRD136	26.633407	470.979767	425.598842	1809.103226	2.73267	19.50417
BRD14	42.422664	504.910704	614.063903	2508.100027	3.28765	19.53254
BRD15	42.422664	504.910704	614.063903	2508.100027	3.28765	19.53254
BRD16	42.422664	504.910704	614.063903	2508.100027	3.28765	19.53254
BRD17	42.422664	504.910704	614.063903	2508.100027	3.28765	19.53254
BRD18	42.422664	504.910704	614.063903	2508.100027	3.28765	19.53254
BRD19	42.422664	504.910704	614.063903	2508.100027	3.28765	19.53254
BRD2	26.633407	470.979767	425.598842	1809.103226	2.73267	19.50417
BRD20	42.422664	504.910704	614.063903	2508.100027	3.28765	19.53254
BRD21	42.422664	504.910704	614.063903	2508.100027	3.28765	19.53254
BRD22	42.422664	504.910704	614.063903	2508.100027	3.28765	19.53254
BRD23	42.422664	504.910704	614.063903	2508.100027	3.28765	19.53254

Table 19: Frame Section Properties 01 - General, Part 3 of 4

SectionName	S33	S22	Z33	Z22	R33	R22
	ft3	ft3	ft3	ft3	ft	ft
BRD24	26.633407	470.979767	425.598842	1809.103226	2.73267	19.50417
BRD25	26.633407	470.979767	425.598842	1809.103226	2.73267	19.50417
BRD26	26.633407	470.979767	425.598842	1809.103226	2.73267	19.50417
BRD27	26.633407	470.979767	425.598842	1809.103226	2.73267	19.50417
BRD28	26.633407	470.979767	425.598842	1809.103226	2.73267	19.50417
BRD29	26.633407	470.979767	425.598842	1809.103226	2.73267	19.50417
BRD3	26.633407	470.979767	425.598842	1809.103226	2.73267	19.50417
BRD30	42.889119	508.961774	622.54643	2489.561346	3.29897	19.53603
BRD31	42.889119	508.961774	622.54643	2489.561346	3.29897	19.53603
BRD32	42.889119	508.961774	622.54643	2489.561346	3.29897	19.53603
BRD33	42.889119	508.961774	622.54643	2489.561346	3.29897	19.53603
BRD34	64.133694	552.263329	859.450356	3441.932035	3.80996	19.56679
BRD35	64.133694	552.263329	859.450356	3441.932035	3.80996	19.56679
BRD36	81.642815	589.387243	1053.002525	4258.399533	4.11024	19.58966
BRD37	81.642815	589.387243	1053.002525	4258.399533	4.11024	19.58966
BRD38	98.532123	626.501856	1243.195527	5074.673153	4.33187	19.60989
BRD39	98.532123	626.501856	1243.195527	5074.673153	4.33187	19.60989
BRD4	26.633407	470.979767	425.598842	1809.103226	2.73267	19.50417
BRD40	98.532123	626.501856	1243.195527	5074.673153	4.33187	19.60989
BRD41	98.532123	626.501856	1243.195527	5074.673153	4.33187	19.60989
BRD42	98.532123	626.501856	1243.195527	5074.673153	4.33187	19.60989
BRD43	98.532123	626.501856	1243.195527	5074.673153	4.33187	19.60989
BRD44	81.642815	589.387243	1053.002525	4258.399533	4.11024	19.58966
BRD45	81.642815	589.387243	1053.002525	4258.399533	4.11024	19.58966
BRD46	64.133694	552.263329	859.450356	3441.932035	3.80996	19.56679
BRD47	64.133694	552.263329	859.450356	3441.932035	3.80996	19.56679
BRD48	42.889119	508.961774	622.54643	2489.561346	3.29897	19.53603
BRD49	42.889119	508.961774	622.54643	2489.561346	3.29897	19.53603
BRD5	26.633407	470.979767	425.598842	1809.103226	2.73267	19.50417
BRD50	26.633407	470.979767	425.598842	1809.103226	2.73267	19.50417

Table 19: Frame Section Properties 01 - General, Part 3 of 4

SectionName	S33	S22	Z33	Z22	R33	R22
	ft3	ft3	ft3	ft3	ft	ft
BRD51	26.633407	470.979767	425.598842	1809.103226	2.73267	19.50417
BRD52	26.633407	470.979767	425.598842	1809.103226	2.73267	19.50417
BRD53	26.633407	470.979767	425.598842	1809.103226	2.73267	19.50417
BRD54	26.633407	470.979767	425.598842	1809.103226	2.73267	19.50417
BRD55	26.633407	470.979767	425.598842	1809.103226	2.73267	19.50417
BRD56	45.980769	515.147599	657.795057	2625.612807	3.38685	19.54073
BRD57	45.980769	515.147599	657.795057	2625.612807	3.38685	19.54073
BRD58	45.980769	515.147599	657.795057	2625.612807	3.38685	19.54073
BRD59	67.098574	558.453457	892.108005	3578.065233	3.86708	19.5708
BRD6	26.633407	470.979767	425.598842	1809.103226	2.73267	19.50417
BRD60	67.098574	558.453457	892.108005	3578.065233	3.86708	19.5708
BRD61	67.098574	558.453457	892.108005	3578.065233	3.86708	19.5708
BRD62	67.098574	558.453457	892.108005	3578.065233	3.86708	19.5708
BRD63	67.098574	558.453457	892.108005	3578.065233	3.86708	19.5708
BRD64	67.098574	558.453457	892.108005	3578.065233	3.86708	19.5708
BRD65	67.098574	558.453457	892.108005	3578.065233	3.86708	19.5708
BRD66	67.098574	558.453457	892.108005	3578.065233	3.86708	19.5708
BRD67	67.098574	558.453457	892.108005	3578.065233	3.86708	19.5708
BRD68	67.098574	558.453457	892.108005	3578.065233	3.86708	19.5708
BRD69	67.098574	558.453457	892.108005	3578.065233	3.86708	19.5708
BRD7	26.633407	470.979767	425.598842	1809.103226	2.73267	19.50417
BRD70	67.098574	558.453457	892.108005	3578.065233	3.86708	19.5708
BRD71	67.098574	558.453457	892.108005	3578.065233	3.86708	19.5708
BRD72	67.098574	558.453457	892.108005	3578.065233	3.86708	19.5708
BRD73	67.098574	558.453457	892.108005	3578.065233	3.86708	19.5708
BRD74	67.098574	558.453457	892.108005	3578.065233	3.86708	19.5708
BRD75	67.098574	558.453457	892.108005	3578.065233	3.86708	19.5708
BRD76	67.098574	558.453457	892.108005	3578.065233	3.86708	19.5708
BRD77	67.098574	558.453457	892.108005	3578.065233	3.86708	19.5708
BRD78	67.098574	558.453457	892.108005	3578.065233	3.86708	19.5708

Table 19: Frame Section Properties 01 - General, Part 3 of 4

SectionName	S33	S22	Z33	Z22	R33	R22
	ft3	ft3	ft3	ft3	ft	ft
BRD79	45.980769	515.147599	657.795057	2625.612807	3.38685	19.54073
BRD8	42.422664	504.910704	614.063903	2508.100027	3.28765	19.53254
BRD80	45.980769	515.147599	657.795057	2625.612807	3.38685	19.54073
BRD81	45.980769	515.147599	657.795057	2625.612807	3.38685	19.54073
BRD82	26.633407	470.979767	425.598842	1809.103226	2.73267	19.50417
BRD83	26.633407	470.979767	425.598842	1809.103226	2.73267	19.50417
BRD84	26.633407	470.979767	425.598842	1809.103226	2.73267	19.50417
BRD85	26.633407	470.979767	425.598842	1809.103226	2.73267	19.50417
BRD86	26.633407	470.979767	425.598842	1809.103226	2.73267	19.50417
BRD87	26.633407	470.979767	425.598842	1809.103226	2.73267	19.50417
BRD88	42.889119	508.961774	622.54643	2489.561346	3.29897	19.53603
BRD89	42.889119	508.961774	622.54643	2489.561346	3.29897	19.53603
BRD9	42.422664	504.910704	614.063903	2508.100027	3.28765	19.53254
BRD90	64.133694	552.263329	859.450356	3441.932035	3.80996	19.56679
BRD91	64.133694	552.263329	859.450356	3441.932035	3.80996	19.56679
BRD92	81.642815	589.387243	1053.002525	4258.399533	4.11024	19.58966
BRD93	81.642815	589.387243	1053.002525	4258.399533	4.11024	19.58966
BRD94	98.532123	626.501856	1243.195527	5074.673153	4.33187	19.60989
BRD95	98.532123	626.501856	1243.195527	5074.673153	4.33187	19.60989
BRD96	98.532123	626.501856	1243.195527	5074.673153	4.33187	19.60989
BRD97	98.532123	626.501856	1243.195527	5074.673153	4.33187	19.60989
BRD98	98.532123	626.501856	1243.195527	5074.673153	4.33187	19.60989
BRD99	98.532123	626.501856	1243.195527	5074.673153	4.33187	19.60989
ColumnSection	2.604167	2.604167	3.90625	3.90625	0.72169	0.72169
Diapragm @ Pier	2.820313	0.445313	4.230469	0.667969	1.37121	0.21651
FSEC1	16.666667	13.333333	25.	20.	1.44338	1.1547
FSEC10	0.936986	0.087088	1.078704	0.136574	1.61082	0.27453
FSEC11	0.	0.	0.	0.	0.	0.
FSEC12	0.016305	0.147444	0.024457	0.221167	0.06385	0.57735
FSEC2	0.002029	0.02999	0.003044	0.044985	0.02706	0.39994
FSEC3	0.008271	0.000258	0.012406	0.000388	0.33679	0.01052
FSEC4	0.005556	0.055906	0.008335	0.083859	0.04304	0.43301
FSEC5	0.006333	0.091889	0.009499	0.137833	0.03979	0.57735
FSEC6	0.014805	0.1405	0.022208	0.21075	0.06084	0.57735
FSEC7	0.024889	0.182167	0.037333	0.27325	0.07888	0.57735

Table 19: Frame Section Properties 01 - General, Part 3 of 4

SectionName	S33	S22	Z33	Z22	R33	R22
	ft3	ft3	ft3	ft3	ft	ft
FSEC8	0.037576	0.223833	0.056364	0.33575	0.09692	0.57735
FSEC9	0.007326	0.098833	0.010989	0.14825	0.0428	0.57735
Girder - Span 1						
Girder - Span 2						
Girder - Span 3						
Int. FB_BC	0.001961	0.003596	0.003514	0.005479	0.1335	0.16403
Int. FB_diag	0.002042	0.002042	0.003677	0.003677	0.15656	0.15656
NPr-BJ1-G0-S1						
NPr-BJ1-G0-S2						
NPr-BJ1-G0-S3						
NPr-BJ1-G1-S1						
NPr-BJ1-G1-S2						
NPr-BJ1-G1-S3						
NPr-BJ1-G2-S1						
NPr-BJ1-G2-S2						
NPr-BJ1-G2-S3						
NPr-BJ1-G3-S1						
NPr-BJ1-G3-S2						
NPr-BJ1-G3-S3						
Pr-BJ1-G0-S1-1	4.170303	0.061247	5.493408	0.118032	4.30635	0.17064
Pr-BJ1-G0-S1-10	10.993761	0.291	14.150597	0.563844	4.53135	0.28652
Pr-BJ1-G0-S1-11	14.192154	0.386133	18.386998	0.785837	4.54288	0.28984
Pr-BJ1-G0-S1-12	14.192154	0.386133	18.386998	0.785837	4.54288	0.28984
Pr-BJ1-G0-S1-13	17.360765	0.48811	22.636946	1.032869	4.55394	0.29397
Pr-BJ1-G0-S1-14	17.360765	0.48811	22.636946	1.032869	4.55394	0.29397
Pr-BJ1-G0-S1-2	4.170303	0.061247	5.493408	0.118032	4.30635	0.17064
Pr-BJ1-G0-S1-3	6.825019	0.116518	8.979828	0.238736	4.35557	0.19273
Pr-BJ1-G0-S1-4	6.825019	0.116518	8.979828	0.238736	4.35557	0.19273
Pr-BJ1-G0-S1-5	4.170303	0.061247	5.493408	0.118032	4.30635	0.17064
Pr-BJ1-G0-S1-6	4.170303	0.061247	5.493408	0.118032	4.30635	0.17064
Pr-BJ1-G0-S1-7	7.226496	0.186574	9.229751	0.336532	4.51757	0.28373
Pr-BJ1-G0-S1-8	7.226496	0.186574	9.229751	0.336532	4.51757	0.28373
Pr-BJ1-G0-S1-9	10.993761	0.291	14.150597	0.563844	4.53135	0.28652
Pr-BJ1-G0-S2-1	17.360765	0.48811	22.636946	1.032869	4.55394	0.29397
Pr-BJ1-G0-S2-10	4.170303	0.061247	5.493408	0.118032	4.30635	0.17064
Pr-BJ1-G0-S2-11	7.76718	0.201146	9.93141	0.366918	4.51961	0.28405
Pr-BJ1-G0-S2-12	7.76718	0.201146	9.93141	0.366918	4.51961	0.28405
Pr-BJ1-G0-S2-13	11.529272	0.306447	14.856171	0.599107	4.5334	0.28701
Pr-BJ1-G0-S2-14	11.529272	0.306447	14.856171	0.599107	4.5334	0.28701
Pr-BJ1-G0-S2-15	7.76718	0.201146	9.93141	0.366918	4.51961	0.28405
Pr-BJ1-G0-S2-16	7.76718	0.201146	9.93141	0.366918	4.51961	0.28405
Pr-BJ1-G0-S2-17	4.170303	0.061247	5.493408	0.118032	4.30635	0.17064
Pr-BJ1-G0-S2-18	4.170303	0.061247	5.493408	0.118032	4.30635	0.17064
Pr-BJ1-G0-S2-19	7.226496	0.186574	9.229751	0.336532	4.51757	0.28373
Pr-BJ1-G0-S2-2	17.360765	0.48811	22.636946	1.032869	4.55394	0.29397
Pr-BJ1-G0-S2-20	7.226496	0.186574	9.229751	0.336532	4.51757	0.28373
Pr-BJ1-G0-S2-21	10.993761	0.291	14.150597	0.563844	4.53135	0.28652
Pr-BJ1-G0-S2-22	10.993761	0.291	14.150597	0.563844	4.53135	0.28652
Pr-BJ1-G0-S2-23	14.192154	0.386133	18.386998	0.785837	4.54288	0.28984
Pr-BJ1-G0-S2-24	14.192154	0.386133	18.386998	0.785837	4.54288	0.28984
Pr-BJ1-G0-S2-25	17.360765	0.48811	22.636946	1.032869	4.55394	0.29397
Pr-BJ1-G0-S2-26	17.360765	0.48811	22.636946	1.032869	4.55394	0.29397
Pr-BJ1-G0-S2-3	14.192154	0.386133	18.386998	0.785837	4.54288	0.28984
Pr-BJ1-G0-S2-4	14.192154	0.386133	18.386998	0.785837	4.54288	0.28984

Table 19: Frame Section Properties 01 - General, Part 3 of 4

SectionName	S33	S22	Z33	Z22	R33	R22
	ft3	ft3	ft3	ft3	ft	ft
Pr-BJ1-G0-S2-5	10.993761	0.291	14.150597	0.563844	4.53135	0.28652
Pr-BJ1-G0-S2-6	10.993761	0.291	14.150597	0.563844	4.53135	0.28652
Pr-BJ1-G0-S2-7	7.226496	0.186574	9.229751	0.336532	4.51757	0.28373
Pr-BJ1-G0-S2-8	7.226496	0.186574	9.229751	0.336532	4.51757	0.28373
Pr-BJ1-G0-S2-9	4.170303	0.061247	5.493408	0.118032	4.30635	0.17064
Pr-BJ1-G0-S3-1	17.360765	0.48811	22.636946	1.032869	4.55394	0.29397
Pr-BJ1-G0-S3-10	4.170303	0.061247	5.493408	0.118032	4.30635	0.17064
Pr-BJ1-G0-S3-11	6.825019	0.116518	8.979828	0.238736	4.35557	0.19273
Pr-BJ1-G0-S3-12	6.825019	0.116518	8.979828	0.238736	4.35557	0.19273
Pr-BJ1-G0-S3-13	4.170303	0.061247	5.493408	0.118032	4.30635	0.17064
Pr-BJ1-G0-S3-14	4.170303	0.061247	5.493408	0.118032	4.30635	0.17064
Pr-BJ1-G0-S3-2	17.360765	0.48811	22.636946	1.032869	4.55394	0.29397
Pr-BJ1-G0-S3-3	14.192154	0.386133	18.386998	0.785837	4.54288	0.28984
Pr-BJ1-G0-S3-4	14.192154	0.386133	18.386998	0.785837	4.54288	0.28984
Pr-BJ1-G0-S3-5	10.993761	0.291	14.150597	0.563844	4.53135	0.28652
Pr-BJ1-G0-S3-6	10.993761	0.291	14.150597	0.563844	4.53135	0.28652
Pr-BJ1-G0-S3-7	7.226496	0.186574	9.229751	0.336532	4.51757	0.28373
Pr-BJ1-G0-S3-8	7.226496	0.186574	9.229751	0.336532	4.51757	0.28373
Pr-BJ1-G0-S3-9	4.170303	0.061247	5.493408	0.118032	4.30635	0.17064
Pr-BJ1-G1-S1-1	4.170303	0.061247	5.493408	0.118032	4.30635	0.17064
Pr-BJ1-G1-S1-10	10.993761	0.291	14.150597	0.563844	4.53135	0.28652
Pr-BJ1-G1-S1-11	14.192154	0.386133	18.386998	0.785837	4.54288	0.28984
Pr-BJ1-G1-S1-12	14.192154	0.386133	18.386998	0.785837	4.54288	0.28984
Pr-BJ1-G1-S1-13	17.360765	0.48811	22.636946	1.032869	4.55394	0.29397
Pr-BJ1-G1-S1-14	17.360765	0.48811	22.636946	1.032869	4.55394	0.29397
Pr-BJ1-G1-S1-2	4.170303	0.061247	5.493408	0.118032	4.30635	0.17064
Pr-BJ1-G1-S1-3	6.825019	0.116518	8.979828	0.238736	4.35557	0.19273
Pr-BJ1-G1-S1-4	6.825019	0.116518	8.979828	0.238736	4.35557	0.19273
Pr-BJ1-G1-S1-5	4.170303	0.061247	5.493408	0.118032	4.30635	0.17064
Pr-BJ1-G1-S1-6	4.170303	0.061247	5.493408	0.118032	4.30635	0.17064
Pr-BJ1-G1-S1-7	7.226496	0.186574	9.229751	0.336532	4.51757	0.28373
Pr-BJ1-G1-S1-8	7.226496	0.186574	9.229751	0.336532	4.51757	0.28373
Pr-BJ1-G1-S1-9	10.993761	0.291	14.150597	0.563844	4.53135	0.28652
Pr-BJ1-G1-S2-1	17.360765	0.48811	22.636946	1.032869	4.55394	0.29397
Pr-BJ1-G1-S2-10	4.170303	0.061247	5.493408	0.118032	4.30635	0.17064
Pr-BJ1-G1-S2-11	7.76718	0.201146	9.93141	0.366918	4.51961	0.28405
Pr-BJ1-G1-S2-12	7.76718	0.201146	9.93141	0.366918	4.51961	0.28405
Pr-BJ1-G1-S2-13	11.529272	0.306447	14.856171	0.599107	4.5334	0.28701
Pr-BJ1-G1-S2-14	11.529272	0.306447	14.856171	0.599107	4.5334	0.28701
Pr-BJ1-G1-S2-15	7.76718	0.201146	9.93141	0.366918	4.51961	0.28405
Pr-BJ1-G1-S2-16	7.76718	0.201146	9.93141	0.366918	4.51961	0.28405
Pr-BJ1-G1-S2-17	4.170303	0.061247	5.493408	0.118032	4.30635	0.17064
Pr-BJ1-G1-S2-18	4.170303	0.061247	5.493408	0.118032	4.30635	0.17064
Pr-BJ1-G1-S2-19	7.226496	0.186574	9.229751	0.336532	4.51757	0.28373
Pr-BJ1-G1-S2-2	17.360765	0.48811	22.636946	1.032869	4.55394	0.29397
Pr-BJ1-G1-S2-20	7.226496	0.186574	9.229751	0.336532	4.51757	0.28373
Pr-BJ1-G1-S2-21	10.993761	0.291	14.150597	0.563844	4.53135	0.28652
Pr-BJ1-G1-S2-22	10.993761	0.291	14.150597	0.563844	4.53135	0.28652
Pr-BJ1-G1-S2-23	14.192154	0.386133	18.386998	0.785837	4.54288	0.28984
Pr-BJ1-G1-S2-24	14.192154	0.386133	18.386998	0.785837	4.54288	0.28984
Pr-BJ1-G1-S2-25	17.360765	0.48811	22.636946	1.032869	4.55394	0.29397
Pr-BJ1-G1-S2-26	17.360765	0.48811	22.636946	1.032869	4.55394	0.29397
Pr-BJ1-G1-S2-3	14.192154	0.386133	18.386998	0.785837	4.54288	0.28984
Pr-BJ1-G1-S2-4	14.192154	0.386133	18.386998	0.785837	4.54288	0.28984

Table 19: Frame Section Properties 01 - General, Part 3 of 4

SectionName	S33	S22	Z33	Z22	R33	R22
	ft3	ft3	ft3	ft3	ft	ft
Pr-BJ1-G1-S2-5	10.993761	0.291	14.150597	0.563844	4.53135	0.28652
Pr-BJ1-G1-S2-6	10.993761	0.291	14.150597	0.563844	4.53135	0.28652
Pr-BJ1-G1-S2-7	7.226496	0.186574	9.229751	0.336532	4.51757	0.28373
Pr-BJ1-G1-S2-8	7.226496	0.186574	9.229751	0.336532	4.51757	0.28373
Pr-BJ1-G1-S2-9	4.170303	0.061247	5.493408	0.118032	4.30635	0.17064
Pr-BJ1-G1-S3-1	17.360765	0.48811	22.636946	1.032869	4.55394	0.29397
Pr-BJ1-G1-S3-10	4.170303	0.061247	5.493408	0.118032	4.30635	0.17064
Pr-BJ1-G1-S3-11	6.825019	0.116518	8.979828	0.238736	4.35557	0.19273
Pr-BJ1-G1-S3-12	6.825019	0.116518	8.979828	0.238736	4.35557	0.19273
Pr-BJ1-G1-S3-13	4.170303	0.061247	5.493408	0.118032	4.30635	0.17064
Pr-BJ1-G1-S3-14	4.170303	0.061247	5.493408	0.118032	4.30635	0.17064
Pr-BJ1-G1-S3-2	17.360765	0.48811	22.636946	1.032869	4.55394	0.29397
Pr-BJ1-G1-S3-3	14.192154	0.386133	18.386998	0.785837	4.54288	0.28984
Pr-BJ1-G1-S3-4	14.192154	0.386133	18.386998	0.785837	4.54288	0.28984
Pr-BJ1-G1-S3-5	10.993761	0.291	14.150597	0.563844	4.53135	0.28652
Pr-BJ1-G1-S3-6	10.993761	0.291	14.150597	0.563844	4.53135	0.28652
Pr-BJ1-G1-S3-7	7.226496	0.186574	9.229751	0.336532	4.51757	0.28373
Pr-BJ1-G1-S3-8	7.226496	0.186574	9.229751	0.336532	4.51757	0.28373
Pr-BJ1-G1-S3-9	4.170303	0.061247	5.493408	0.118032	4.30635	0.17064
Pr-BJ1-G2-S1-1	4.170303	0.061247	5.493408	0.118032	4.30635	0.17064
Pr-BJ1-G2-S1-10	10.993761	0.291	14.150597	0.563844	4.53135	0.28652
Pr-BJ1-G2-S1-11	14.192154	0.386133	18.386998	0.785837	4.54288	0.28984
Pr-BJ1-G2-S1-12	14.192154	0.386133	18.386998	0.785837	4.54288	0.28984
Pr-BJ1-G2-S1-13	17.360765	0.48811	22.636946	1.032869	4.55394	0.29397
Pr-BJ1-G2-S1-14	17.360765	0.48811	22.636946	1.032869	4.55394	0.29397
Pr-BJ1-G2-S1-2	4.170303	0.061247	5.493408	0.118032	4.30635	0.17064
Pr-BJ1-G2-S1-3	6.825019	0.116518	8.979828	0.238736	4.35557	0.19273
Pr-BJ1-G2-S1-4	6.825019	0.116518	8.979828	0.238736	4.35557	0.19273
Pr-BJ1-G2-S1-5	4.170303	0.061247	5.493408	0.118032	4.30635	0.17064
Pr-BJ1-G2-S1-6	4.170303	0.061247	5.493408	0.118032	4.30635	0.17064
Pr-BJ1-G2-S1-7	7.226496	0.186574	9.229751	0.336532	4.51757	0.28373
Pr-BJ1-G2-S1-8	7.226496	0.186574	9.229751	0.336532	4.51757	0.28373
Pr-BJ1-G2-S1-9	10.993761	0.291	14.150597	0.563844	4.53135	0.28652
Pr-BJ1-G2-S2-1	17.360765	0.48811	22.636946	1.032869	4.55394	0.29397
Pr-BJ1-G2-S2-10	4.170303	0.061247	5.493408	0.118032	4.30635	0.17064
Pr-BJ1-G2-S2-11	7.76718	0.201146	9.93141	0.366918	4.51961	0.28405
Pr-BJ1-G2-S2-12	7.76718	0.201146	9.93141	0.366918	4.51961	0.28405
Pr-BJ1-G2-S2-13	11.529272	0.306447	14.856171	0.599107	4.5334	0.28701
Pr-BJ1-G2-S2-14	11.529272	0.306447	14.856171	0.599107	4.5334	0.28701
Pr-BJ1-G2-S2-15	7.76718	0.201146	9.93141	0.366918	4.51961	0.28405
Pr-BJ1-G2-S2-16	7.76718	0.201146	9.93141	0.366918	4.51961	0.28405
Pr-BJ1-G2-S2-17	4.170303	0.061247	5.493408	0.118032	4.30635	0.17064
Pr-BJ1-G2-S2-18	4.170303	0.061247	5.493408	0.118032	4.30635	0.17064
Pr-BJ1-G2-S2-19	7.226496	0.186574	9.229751	0.336532	4.51757	0.28373
Pr-BJ1-G2-S2-2	17.360765	0.48811	22.636946	1.032869	4.55394	0.29397
Pr-BJ1-G2-S2-20	7.226496	0.186574	9.229751	0.336532	4.51757	0.28373
Pr-BJ1-G2-S2-21	10.993761	0.291	14.150597	0.563844	4.53135	0.28652
Pr-BJ1-G2-S2-22	10.993761	0.291	14.150597	0.563844	4.53135	0.28652
Pr-BJ1-G2-S2-23	14.192154	0.386133	18.386998	0.785837	4.54288	0.28984
Pr-BJ1-G2-S2-24	14.192154	0.386133	18.386998	0.785837	4.54288	0.28984
Pr-BJ1-G2-S2-25	17.360765	0.48811	22.636946	1.032869	4.55394	0.29397
Pr-BJ1-G2-S2-26	17.360765	0.48811	22.636946	1.032869	4.55394	0.29397
Pr-BJ1-G2-S2-3	14.192154	0.386133	18.386998	0.785837	4.54288	0.28984
Pr-BJ1-G2-S2-4	14.192154	0.386133	18.386998	0.785837	4.54288	0.28984

Table 19: Frame Section Properties 01 - General, Part 3 of 4

SectionName	S33	S22	Z33	Z22	R33	R22
	ft3	ft3	ft3	ft3	ft	ft
Pr-BJ1-G2-S2-5	10.993761	0.291	14.150597	0.563844	4.53135	0.28652
Pr-BJ1-G2-S2-6	10.993761	0.291	14.150597	0.563844	4.53135	0.28652
Pr-BJ1-G2-S2-7	7.226496	0.186574	9.229751	0.336532	4.51757	0.28373
Pr-BJ1-G2-S2-8	7.226496	0.186574	9.229751	0.336532	4.51757	0.28373
Pr-BJ1-G2-S2-9	4.170303	0.061247	5.493408	0.118032	4.30635	0.17064
Pr-BJ1-G2-S3-1	17.360765	0.48811	22.636946	1.032869	4.55394	0.29397
Pr-BJ1-G2-S3-10	4.170303	0.061247	5.493408	0.118032	4.30635	0.17064
Pr-BJ1-G2-S3-11	6.825019	0.116518	8.979828	0.238736	4.35557	0.19273
Pr-BJ1-G2-S3-12	6.825019	0.116518	8.979828	0.238736	4.35557	0.19273
Pr-BJ1-G2-S3-13	4.170303	0.061247	5.493408	0.118032	4.30635	0.17064
Pr-BJ1-G2-S3-14	4.170303	0.061247	5.493408	0.118032	4.30635	0.17064
Pr-BJ1-G2-S3-2	17.360765	0.48811	22.636946	1.032869	4.55394	0.29397
Pr-BJ1-G2-S3-3	14.192154	0.386133	18.386998	0.785837	4.54288	0.28984
Pr-BJ1-G2-S3-4	14.192154	0.386133	18.386998	0.785837	4.54288	0.28984
Pr-BJ1-G2-S3-5	10.993761	0.291	14.150597	0.563844	4.53135	0.28652
Pr-BJ1-G2-S3-6	10.993761	0.291	14.150597	0.563844	4.53135	0.28652
Pr-BJ1-G2-S3-7	7.226496	0.186574	9.229751	0.336532	4.51757	0.28373
Pr-BJ1-G2-S3-8	7.226496	0.186574	9.229751	0.336532	4.51757	0.28373
Pr-BJ1-G2-S3-9	4.170303	0.061247	5.493408	0.118032	4.30635	0.17064
Pr-BJ1-G3-S1-1	4.170303	0.061247	5.493408	0.118032	4.30635	0.17064
Pr-BJ1-G3-S1-10	10.993761	0.291	14.150597	0.563844	4.53135	0.28652
Pr-BJ1-G3-S1-11	14.192154	0.386133	18.386998	0.785837	4.54288	0.28984
Pr-BJ1-G3-S1-12	14.192154	0.386133	18.386998	0.785837	4.54288	0.28984
Pr-BJ1-G3-S1-13	17.360765	0.48811	22.636946	1.032869	4.55394	0.29397
Pr-BJ1-G3-S1-14	17.360765	0.48811	22.636946	1.032869	4.55394	0.29397
Pr-BJ1-G3-S1-2	4.170303	0.061247	5.493408	0.118032	4.30635	0.17064
Pr-BJ1-G3-S1-3	6.825019	0.116518	8.979828	0.238736	4.35557	0.19273
Pr-BJ1-G3-S1-4	6.825019	0.116518	8.979828	0.238736	4.35557	0.19273
Pr-BJ1-G3-S1-5	4.170303	0.061247	5.493408	0.118032	4.30635	0.17064
Pr-BJ1-G3-S1-6	4.170303	0.061247	5.493408	0.118032	4.30635	0.17064
Pr-BJ1-G3-S1-7	7.226496	0.186574	9.229751	0.336532	4.51757	0.28373
Pr-BJ1-G3-S1-8	7.226496	0.186574	9.229751	0.336532	4.51757	0.28373
Pr-BJ1-G3-S1-9	10.993761	0.291	14.150597	0.563844	4.53135	0.28652
Pr-BJ1-G3-S2-1	17.360765	0.48811	22.636946	1.032869	4.55394	0.29397
Pr-BJ1-G3-S2-10	4.170303	0.061247	5.493408	0.118032	4.30635	0.17064
Pr-BJ1-G3-S2-11	7.76718	0.201146	9.93141	0.366918	4.51961	0.28405
Pr-BJ1-G3-S2-12	7.76718	0.201146	9.93141	0.366918	4.51961	0.28405
Pr-BJ1-G3-S2-13	11.529272	0.306447	14.856171	0.599107	4.5334	0.28701
Pr-BJ1-G3-S2-14	11.529272	0.306447	14.856171	0.599107	4.5334	0.28701
Pr-BJ1-G3-S2-15	7.76718	0.201146	9.93141	0.366918	4.51961	0.28405
Pr-BJ1-G3-S2-16	7.76718	0.201146	9.93141	0.366918	4.51961	0.28405
Pr-BJ1-G3-S2-17	4.170303	0.061247	5.493408	0.118032	4.30635	0.17064
Pr-BJ1-G3-S2-18	4.170303	0.061247	5.493408	0.118032	4.30635	0.17064
Pr-BJ1-G3-S2-19	7.226496	0.186574	9.229751	0.336532	4.51757	0.28373
Pr-BJ1-G3-S2-2	17.360765	0.48811	22.636946	1.032869	4.55394	0.29397
Pr-BJ1-G3-S2-20	7.226496	0.186574	9.229751	0.336532	4.51757	0.28373
Pr-BJ1-G3-S2-21	10.993761	0.291	14.150597	0.563844	4.53135	0.28652
Pr-BJ1-G3-S2-22	10.993761	0.291	14.150597	0.563844	4.53135	0.28652
Pr-BJ1-G3-S2-23	14.192154	0.386133	18.386998	0.785837	4.54288	0.28984
Pr-BJ1-G3-S2-24	14.192154	0.386133	18.386998	0.785837	4.54288	0.28984
Pr-BJ1-G3-S2-25	17.360765	0.48811	22.636946	1.032869	4.55394	0.29397
Pr-BJ1-G3-S2-26	17.360765	0.48811	22.636946	1.032869	4.55394	0.29397
Pr-BJ1-G3-S2-3	14.192154	0.386133	18.386998	0.785837	4.54288	0.28984
Pr-BJ1-G3-S2-4	14.192154	0.386133	18.386998	0.785837	4.54288	0.28984

Table 19: Frame Section Properties 01 - General, Part 3 of 4

SectionName	S33	S22	Z33	Z22	R33	R22
	ft3	ft3	ft3	ft3	ft	ft
Pr-BJ1-G3-S2-5	10.993761	0.291	14.150597	0.563844	4.53135	0.28652
Pr-BJ1-G3-S2-6	10.993761	0.291	14.150597	0.563844	4.53135	0.28652
Pr-BJ1-G3-S2-7	7.226496	0.186574	9.229751	0.336532	4.51757	0.28373
Pr-BJ1-G3-S2-8	7.226496	0.186574	9.229751	0.336532	4.51757	0.28373
Pr-BJ1-G3-S2-9	4.170303	0.061247	5.493408	0.118032	4.30635	0.17064
Pr-BJ1-G3-S3-1	17.360765	0.48811	22.636946	1.032869	4.55394	0.29397
Pr-BJ1-G3-S3-10	4.170303	0.061247	5.493408	0.118032	4.30635	0.17064
Pr-BJ1-G3-S3-11	6.825019	0.116518	8.979828	0.238736	4.35557	0.19273
Pr-BJ1-G3-S3-12	6.825019	0.116518	8.979828	0.238736	4.35557	0.19273
Pr-BJ1-G3-S3-13	4.170303	0.061247	5.493408	0.118032	4.30635	0.17064
Pr-BJ1-G3-S3-14	4.170303	0.061247	5.493408	0.118032	4.30635	0.17064
Pr-BJ1-G3-S3-2	17.360765	0.48811	22.636946	1.032869	4.55394	0.29397
Pr-BJ1-G3-S3-3	14.192154	0.386133	18.386998	0.785837	4.54288	0.28984
Pr-BJ1-G3-S3-4	14.192154	0.386133	18.386998	0.785837	4.54288	0.28984
Pr-BJ1-G3-S3-5	10.993761	0.291	14.150597	0.563844	4.53135	0.28652
Pr-BJ1-G3-S3-6	10.993761	0.291	14.150597	0.563844	4.53135	0.28652
Pr-BJ1-G3-S3-7	7.226496	0.186574	9.229751	0.336532	4.51757	0.28373
Pr-BJ1-G3-S3-8	7.226496	0.186574	9.229751	0.336532	4.51757	0.28373
Pr-BJ1-G3-S3-9	4.170303	0.061247	5.493408	0.118032	4.30635	0.17064
Section A	3.054092	0.060198	3.79451	0.098632	4.62541	0.21233
Section B	4.244335	0.112013	5.018495	0.176386	4.99398	0.27475
Section C	4.928822	0.183929	5.709102	0.284358	5.14489	0.38847
Section D	6.786345	0.281151	7.631963	0.430194	5.4535	0.4314
Section E	8.379941	0.364484	9.29708	0.555195	5.64012	0.45497
Section F	9.97414	0.447818	10.976772	0.680196	5.78504	0.47191
Section G	5.194147	0.197818	5.98257	0.305191	5.19773	0.39615
Section H	7.052086	0.29504	7.908677	0.451028	5.48854	0.43595
ST6 x 22.5	0.001401	0.000919	0.002483	0.001427	0.1519	0.09134
W24x84	0.11382	0.012113	0.12963	0.018866	0.81629	0.16291
W30x108	0.173437	0.016132	0.200231	0.025405	0.98956	0.17884
W30x132	0.220331	0.021513	0.252894	0.033796	1.01492	0.18706

Table 19: Frame Section Properties 01 - General, Part 4 of 4

Table 19: Frame Section Properties 01 - General, Part 4 of 4

SectionName	AMod	A2Mod	A3Mod	JMod	I2Mod	I3Mod	MMod	WMod
Back Wall	1.	1.	1.	1.	1.	1.	1.	1.
Bent Cap	1.	1.	1.	1.	1.	1.	1.	1.
BRD1	1.	1.	1.	1.	1.	1.	1.385772	1.385772
BRD10	1.	1.	1.	1.	1.	1.	1.582741	1.582741
BRD100	1.	1.	1.	1.	1.	1.	1.981059	1.981059
BRD101	1.	1.	1.	1.	1.	1.	1.981059	1.981059
BRD102	1.	1.	1.	1.	1.	1.	1.805523	1.805523
BRD103	1.	1.	1.	1.	1.	1.	1.805523	1.805523
BRD104	1.	1.	1.	1.	1.	1.	1.569707	1.569707
BRD105	1.	1.	1.	1.	1.	1.	1.569707	1.569707
BRD106	1.	1.	1.	1.	1.	1.	1.569707	1.569707
BRD107	1.	1.	1.	1.	1.	1.	1.569707	1.569707
BRD108	1.	1.	1.	1.	1.	1.	1.385772	1.385772
BRD109	1.	1.	1.	1.	1.	1.	1.385772	1.385772
BRD11	1.	1.	1.	1.	1.	1.	1.582741	1.582741
BRD110	1.	1.	1.	1.	1.	1.	1.385772	1.385772

Table 19: Frame Section Properties 01 - General, Part 4 of 4

SectionName	AMod	A2Mod	A3Mod	JMod	I2Mod	I3Mod	MMod	WMod
BRD111	1.	1.	1.	1.	1.	1.	1.385772	1.385772
BRD112	1.	1.	1.	1.	1.	1.	1.385772	1.385772
BRD113	1.	1.	1.	1.	1.	1.	1.385772	1.385772
BRD114	1.	1.	1.	1.	1.	1.	1.582741	1.582741
BRD115	1.	1.	1.	1.	1.	1.	1.582741	1.582741
BRD116	1.	1.	1.	1.	1.	1.	1.582741	1.582741
BRD117	1.	1.	1.	1.	1.	1.	1.582741	1.582741
BRD118	1.	1.	1.	1.	1.	1.	1.582741	1.582741
BRD119	1.	1.	1.	1.	1.	1.	1.582741	1.582741
BRD12	1.	1.	1.	1.	1.	1.	1.582741	1.582741
BRD120	1.	1.	1.	1.	1.	1.	1.582741	1.582741
BRD121	1.	1.	1.	1.	1.	1.	1.582741	1.582741
BRD122	1.	1.	1.	1.	1.	1.	1.582741	1.582741
BRD123	1.	1.	1.	1.	1.	1.	1.582741	1.582741
BRD124	1.	1.	1.	1.	1.	1.	1.582741	1.582741
BRD125	1.	1.	1.	1.	1.	1.	1.582741	1.582741
BRD126	1.	1.	1.	1.	1.	1.	1.582741	1.582741
BRD127	1.	1.	1.	1.	1.	1.	1.582741	1.582741
BRD128	1.	1.	1.	1.	1.	1.	1.582741	1.582741
BRD129	1.	1.	1.	1.	1.	1.	1.582741	1.582741
BRD13	1.	1.	1.	1.	1.	1.	1.582741	1.582741
BRD130	1.	1.	1.	1.	1.	1.	1.385772	1.385772
BRD131	1.	1.	1.	1.	1.	1.	1.385772	1.385772
BRD132	1.	1.	1.	1.	1.	1.	1.385772	1.385772
BRD133	1.	1.	1.	1.	1.	1.	1.385772	1.385772
BRD134	1.	1.	1.	1.	1.	1.	1.385772	1.385772
BRD135	1.	1.	1.	1.	1.	1.	1.385772	1.385772
BRD136	1.	1.	1.	1.	1.	1.	1.385772	1.385772
BRD14	1.	1.	1.	1.	1.	1.	1.582741	1.582741
BRD15	1.	1.	1.	1.	1.	1.	1.582741	1.582741
BRD16	1.	1.	1.	1.	1.	1.	1.582741	1.582741
BRD17	1.	1.	1.	1.	1.	1.	1.582741	1.582741
BRD18	1.	1.	1.	1.	1.	1.	1.582741	1.582741
BRD19	1.	1.	1.	1.	1.	1.	1.582741	1.582741
BRD2	1.	1.	1.	1.	1.	1.	1.385772	1.385772
BRD20	1.	1.	1.	1.	1.	1.	1.582741	1.582741
BRD21	1.	1.	1.	1.	1.	1.	1.582741	1.582741
BRD22	1.	1.	1.	1.	1.	1.	1.582741	1.582741
BRD23	1.	1.	1.	1.	1.	1.	1.582741	1.582741
BRD24	1.	1.	1.	1.	1.	1.	1.385772	1.385772
BRD25	1.	1.	1.	1.	1.	1.	1.385772	1.385772
BRD26	1.	1.	1.	1.	1.	1.	1.385772	1.385772
BRD27	1.	1.	1.	1.	1.	1.	1.385772	1.385772
BRD28	1.	1.	1.	1.	1.	1.	1.385772	1.385772
BRD29	1.	1.	1.	1.	1.	1.	1.385772	1.385772
BRD3	1.	1.	1.	1.	1.	1.	1.385772	1.385772
BRD30	1.	1.	1.	1.	1.	1.	1.569707	1.569707
BRD31	1.	1.	1.	1.	1.	1.	1.569707	1.569707
BRD32	1.	1.	1.	1.	1.	1.	1.569707	1.569707
BRD33	1.	1.	1.	1.	1.	1.	1.569707	1.569707
BRD34	1.	1.	1.	1.	1.	1.	1.805523	1.805523
BRD35	1.	1.	1.	1.	1.	1.	1.805523	1.805523
BRD36	1.	1.	1.	1.	1.	1.	1.981059	1.981059
BRD37	1.	1.	1.	1.	1.	1.	1.981059	1.981059

Table 19: Frame Section Properties 01 - General, Part 4 of 4

SectionName	AMod	A2Mod	A3Mod	JMod	I2Mod	I3Mod	MMod	WMod
BRD38	1.	1.	1.	1.	1.	1.	2.136443	2.136443
BRD39	1.	1.	1.	1.	1.	1.	2.136443	2.136443
BRD4	1.	1.	1.	1.	1.	1.	1.385772	1.385772
BRD40	1.	1.	1.	1.	1.	1.	2.136443	2.136443
BRD41	1.	1.	1.	1.	1.	1.	2.136443	2.136443
BRD42	1.	1.	1.	1.	1.	1.	2.136443	2.136443
BRD43	1.	1.	1.	1.	1.	1.	2.136443	2.136443
BRD44	1.	1.	1.	1.	1.	1.	1.981059	1.981059
BRD45	1.	1.	1.	1.	1.	1.	1.981059	1.981059
BRD46	1.	1.	1.	1.	1.	1.	1.805523	1.805523
BRD47	1.	1.	1.	1.	1.	1.	1.805523	1.805523
BRD48	1.	1.	1.	1.	1.	1.	1.569707	1.569707
BRD49	1.	1.	1.	1.	1.	1.	1.569707	1.569707
BRD5	1.	1.	1.	1.	1.	1.	1.385772	1.385772
BRD50	1.	1.	1.	1.	1.	1.	1.385772	1.385772
BRD51	1.	1.	1.	1.	1.	1.	1.385772	1.385772
BRD52	1.	1.	1.	1.	1.	1.	1.385772	1.385772
BRD53	1.	1.	1.	1.	1.	1.	1.385772	1.385772
BRD54	1.	1.	1.	1.	1.	1.	1.385772	1.385772
BRD55	1.	1.	1.	1.	1.	1.	1.385772	1.385772
BRD56	1.	1.	1.	1.	1.	1.	1.605726	1.605726
BRD57	1.	1.	1.	1.	1.	1.	1.605726	1.605726
BRD58	1.	1.	1.	1.	1.	1.	1.605726	1.605726
BRD59	1.	1.	1.	1.	1.	1.	1.836352	1.836352
BRD6	1.	1.	1.	1.	1.	1.	1.385772	1.385772
BRD60	1.	1.	1.	1.	1.	1.	1.836352	1.836352
BRD61	1.	1.	1.	1.	1.	1.	1.836352	1.836352
BRD62	1.	1.	1.	1.	1.	1.	1.836352	1.836352
BRD63	1.	1.	1.	1.	1.	1.	1.836352	1.836352
BRD64	1.	1.	1.	1.	1.	1.	1.836352	1.836352
BRD65	1.	1.	1.	1.	1.	1.	1.836352	1.836352
BRD66	1.	1.	1.	1.	1.	1.	1.836352	1.836352
BRD67	1.	1.	1.	1.	1.	1.	1.836352	1.836352
BRD68	1.	1.	1.	1.	1.	1.	1.836352	1.836352
BRD69	1.	1.	1.	1.	1.	1.	1.836352	1.836352
BRD7	1.	1.	1.	1.	1.	1.	1.385772	1.385772
BRD70	1.	1.	1.	1.	1.	1.	1.836352	1.836352
BRD71	1.	1.	1.	1.	1.	1.	1.836352	1.836352
BRD72	1.	1.	1.	1.	1.	1.	1.836352	1.836352
BRD73	1.	1.	1.	1.	1.	1.	1.836352	1.836352
BRD74	1.	1.	1.	1.	1.	1.	1.836352	1.836352
BRD75	1.	1.	1.	1.	1.	1.	1.836352	1.836352
BRD76	1.	1.	1.	1.	1.	1.	1.836352	1.836352
BRD77	1.	1.	1.	1.	1.	1.	1.836352	1.836352
BRD78	1.	1.	1.	1.	1.	1.	1.836352	1.836352
BRD79	1.	1.	1.	1.	1.	1.	1.605726	1.605726
BRD8	1.	1.	1.	1.	1.	1.	1.582741	1.582741
BRD80	1.	1.	1.	1.	1.	1.	1.605726	1.605726
BRD81	1.	1.	1.	1.	1.	1.	1.605726	1.605726
BRD82	1.	1.	1.	1.	1.	1.	1.385772	1.385772
BRD83	1.	1.	1.	1.	1.	1.	1.385772	1.385772
BRD84	1.	1.	1.	1.	1.	1.	1.385772	1.385772
BRD85	1.	1.	1.	1.	1.	1.	1.385772	1.385772
BRD86	1.	1.	1.	1.	1.	1.	1.385772	1.385772

Table 19: Frame Section Properties 01 - General, Part 4 of 4

SectionName	AMod	A2Mod	A3Mod	JMod	I2Mod	I3Mod	MMod	WMod
BRD87	1.	1.	1.	1.	1.	1.	1.385772	1.385772
BRD88	1.	1.	1.	1.	1.	1.	1.569707	1.569707
BRD89	1.	1.	1.	1.	1.	1.	1.569707	1.569707
BRD9	1.	1.	1.	1.	1.	1.	1.582741	1.582741
BRD90	1.	1.	1.	1.	1.	1.	1.805523	1.805523
BRD91	1.	1.	1.	1.	1.	1.	1.805523	1.805523
BRD92	1.	1.	1.	1.	1.	1.	1.981059	1.981059
BRD93	1.	1.	1.	1.	1.	1.	1.981059	1.981059
BRD94	1.	1.	1.	1.	1.	1.	2.136443	2.136443
BRD95	1.	1.	1.	1.	1.	1.	2.136443	2.136443
BRD96	1.	1.	1.	1.	1.	1.	2.136443	2.136443
BRD97	1.	1.	1.	1.	1.	1.	2.136443	2.136443
BRD98	1.	1.	1.	1.	1.	1.	2.136443	2.136443
BRD99	1.	1.	1.	1.	1.	1.	2.136443	2.136443
ColumnSection	1.	1.	1.	1.	1.	1.	1.	1.
Diapragm @ Pier	1.	1.	1.	1.	1.	1.	1.	1.
FSEC1	1.	1.	1.	1.	1.	1.	1.	1.
FSEC10	1.	1.	1.	1.	1.	1.	1.	1.
FSEC11	1.	1.	1.	1.	1.	1.	1.	1.
FSEC12	1.	1.	1.	1.	1.	1.	1.	1.
FSEC2	1.	1.	1.	1.	1.	1.	1.	1.
FSEC3	1.	1.	1.	1.	1.	1.	1.	1.
FSEC4	1.	1.	1.	1.	1.	1.	1.	1.
FSEC5	1.	1.	1.	1.	1.	1.	1.	1.
FSEC6	1.	1.	1.	1.	1.	1.	1.	1.
FSEC7	1.	1.	1.	1.	1.	1.	1.	1.
FSEC8	1.	1.	1.	1.	1.	1.	1.	1.
FSEC9	1.	1.	1.	1.	1.	1.	1.	1.
Girder - Span 1								
Girder - Span 2								
Girder - Span 3								
Int. FB_BC	1.	1.	1.	1.	1.	1.	1.	1.
Int. FB_diag	1.	1.	1.	1.	1.	1.	1.	1.
NPr-BJ1-G0-S1								
NPr-BJ1-G0-S2								
NPr-BJ1-G0-S3								
NPr-BJ1-G1-S1								
NPr-BJ1-G1-S2								
NPr-BJ1-G1-S3								
NPr-BJ1-G2-S1								
NPr-BJ1-G2-S2								
NPr-BJ1-G2-S3								
NPr-BJ1-G3-S1								
NPr-BJ1-G3-S2								
NPr-BJ1-G3-S3								
Pr-BJ1-G0-S1-1	1.	1.	1.	1.	1.	1.	1.	1.
Pr-BJ1-G0-S1-10	1.	1.	1.	1.	1.	1.	1.	1.
Pr-BJ1-G0-S1-11	1.	1.	1.	1.	1.	1.	1.	1.
Pr-BJ1-G0-S1-12	1.	1.	1.	1.	1.	1.	1.	1.
Pr-BJ1-G0-S1-13	1.	1.	1.	1.	1.	1.	1.	1.
Pr-BJ1-G0-S1-14	1.	1.	1.	1.	1.	1.	1.	1.
Pr-BJ1-G0-S1-2	1.	1.	1.	1.	1.	1.	1.	1.
Pr-BJ1-G0-S1-3	1.	1.	1.	1.	1.	1.	1.	1.
Pr-BJ1-G0-S1-4	1.	1.	1.	1.	1.	1.	1.	1.

Table 19: Frame Section Properties 01 - General, Part 4 of 4

SectionName	AMod	A2Mod	A3Mod	JMod	I2Mod	I3Mod	MMod	WMod
Pr-BJ1-G0-S1-5	1.	1.	1.	1.	1.	1.	1.	1.
Pr-BJ1-G0-S1-6	1.	1.	1.	1.	1.	1.	1.	1.
Pr-BJ1-G0-S1-7	1.	1.	1.	1.	1.	1.	1.	1.
Pr-BJ1-G0-S1-8	1.	1.	1.	1.	1.	1.	1.	1.
Pr-BJ1-G0-S1-9	1.	1.	1.	1.	1.	1.	1.	1.
Pr-BJ1-G0-S2-1	1.	1.	1.	1.	1.	1.	1.	1.
Pr-BJ1-G0-S2-10	1.	1.	1.	1.	1.	1.	1.	1.
Pr-BJ1-G0-S2-11	1.	1.	1.	1.	1.	1.	1.	1.
Pr-BJ1-G0-S2-12	1.	1.	1.	1.	1.	1.	1.	1.
Pr-BJ1-G0-S2-13	1.	1.	1.	1.	1.	1.	1.	1.
Pr-BJ1-G0-S2-14	1.	1.	1.	1.	1.	1.	1.	1.
Pr-BJ1-G0-S2-15	1.	1.	1.	1.	1.	1.	1.	1.
Pr-BJ1-G0-S2-16	1.	1.	1.	1.	1.	1.	1.	1.
Pr-BJ1-G0-S2-17	1.	1.	1.	1.	1.	1.	1.	1.
Pr-BJ1-G0-S2-18	1.	1.	1.	1.	1.	1.	1.	1.
Pr-BJ1-G0-S2-19	1.	1.	1.	1.	1.	1.	1.	1.
Pr-BJ1-G0-S2-2	1.	1.	1.	1.	1.	1.	1.	1.
Pr-BJ1-G0-S2-20	1.	1.	1.	1.	1.	1.	1.	1.
Pr-BJ1-G0-S2-21	1.	1.	1.	1.	1.	1.	1.	1.
Pr-BJ1-G0-S2-22	1.	1.	1.	1.	1.	1.	1.	1.
Pr-BJ1-G0-S2-23	1.	1.	1.	1.	1.	1.	1.	1.
Pr-BJ1-G0-S2-24	1.	1.	1.	1.	1.	1.	1.	1.
Pr-BJ1-G0-S2-25	1.	1.	1.	1.	1.	1.	1.	1.
Pr-BJ1-G0-S2-26	1.	1.	1.	1.	1.	1.	1.	1.
Pr-BJ1-G0-S2-3	1.	1.	1.	1.	1.	1.	1.	1.
Pr-BJ1-G0-S2-4	1.	1.	1.	1.	1.	1.	1.	1.
Pr-BJ1-G0-S2-5	1.	1.	1.	1.	1.	1.	1.	1.
Pr-BJ1-G0-S2-6	1.	1.	1.	1.	1.	1.	1.	1.
Pr-BJ1-G0-S2-7	1.	1.	1.	1.	1.	1.	1.	1.
Pr-BJ1-G0-S2-8	1.	1.	1.	1.	1.	1.	1.	1.
Pr-BJ1-G0-S2-9	1.	1.	1.	1.	1.	1.	1.	1.
Pr-BJ1-G0-S3-1	1.	1.	1.	1.	1.	1.	1.	1.
Pr-BJ1-G0-S3-10	1.	1.	1.	1.	1.	1.	1.	1.
Pr-BJ1-G0-S3-11	1.	1.	1.	1.	1.	1.	1.	1.
Pr-BJ1-G0-S3-12	1.	1.	1.	1.	1.	1.	1.	1.
Pr-BJ1-G0-S3-13	1.	1.	1.	1.	1.	1.	1.	1.
Pr-BJ1-G0-S3-14	1.	1.	1.	1.	1.	1.	1.	1.
Pr-BJ1-G0-S3-2	1.	1.	1.	1.	1.	1.	1.	1.
Pr-BJ1-G0-S3-3	1.	1.	1.	1.	1.	1.	1.	1.
Pr-BJ1-G0-S3-4	1.	1.	1.	1.	1.	1.	1.	1.
Pr-BJ1-G0-S3-5	1.	1.	1.	1.	1.	1.	1.	1.
Pr-BJ1-G0-S3-6	1.	1.	1.	1.	1.	1.	1.	1.
Pr-BJ1-G0-S3-7	1.	1.	1.	1.	1.	1.	1.	1.
Pr-BJ1-G0-S3-8	1.	1.	1.	1.	1.	1.	1.	1.
Pr-BJ1-G0-S3-9	1.	1.	1.	1.	1.	1.	1.	1.
Pr-BJ1-G1-S1-1	1.	1.	1.	1.	1.	1.	1.	1.
Pr-BJ1-G1-S1-10	1.	1.	1.	1.	1.	1.	1.	1.
Pr-BJ1-G1-S1-11	1.	1.	1.	1.	1.	1.	1.	1.
Pr-BJ1-G1-S1-12	1.	1.	1.	1.	1.	1.	1.	1.
Pr-BJ1-G1-S1-13	1.	1.	1.	1.	1.	1.	1.	1.
Pr-BJ1-G1-S1-14	1.	1.	1.	1.	1.	1.	1.	1.
Pr-BJ1-G1-S1-2	1.	1.	1.	1.	1.	1.	1.	1.
Pr-BJ1-G1-S1-3	1.	1.	1.	1.	1.	1.	1.	1.
Pr-BJ1-G1-S1-4	1.	1.	1.	1.	1.	1.	1.	1.

Table 19: Frame Section Properties 01 - General, Part 4 of 4

SectionName	AMod	A2Mod	A3Mod	JMod	I2Mod	I3Mod	MMod	WMod
Pr-BJ1-G1-S1-5	1.	1.	1.	1.	1.	1.	1.	1.
Pr-BJ1-G1-S1-6	1.	1.	1.	1.	1.	1.	1.	1.
Pr-BJ1-G1-S1-7	1.	1.	1.	1.	1.	1.	1.	1.
Pr-BJ1-G1-S1-8	1.	1.	1.	1.	1.	1.	1.	1.
Pr-BJ1-G1-S1-9	1.	1.	1.	1.	1.	1.	1.	1.
Pr-BJ1-G1-S2-1	1.	1.	1.	1.	1.	1.	1.	1.
Pr-BJ1-G1-S2-10	1.	1.	1.	1.	1.	1.	1.	1.
Pr-BJ1-G1-S2-11	1.	1.	1.	1.	1.	1.	1.	1.
Pr-BJ1-G1-S2-12	1.	1.	1.	1.	1.	1.	1.	1.
Pr-BJ1-G1-S2-13	1.	1.	1.	1.	1.	1.	1.	1.
Pr-BJ1-G1-S2-14	1.	1.	1.	1.	1.	1.	1.	1.
Pr-BJ1-G1-S2-15	1.	1.	1.	1.	1.	1.	1.	1.
Pr-BJ1-G1-S2-16	1.	1.	1.	1.	1.	1.	1.	1.
Pr-BJ1-G1-S2-17	1.	1.	1.	1.	1.	1.	1.	1.
Pr-BJ1-G1-S2-18	1.	1.	1.	1.	1.	1.	1.	1.
Pr-BJ1-G1-S2-19	1.	1.	1.	1.	1.	1.	1.	1.
Pr-BJ1-G1-S2-2	1.	1.	1.	1.	1.	1.	1.	1.
Pr-BJ1-G1-S2-20	1.	1.	1.	1.	1.	1.	1.	1.
Pr-BJ1-G1-S2-21	1.	1.	1.	1.	1.	1.	1.	1.
Pr-BJ1-G1-S2-22	1.	1.	1.	1.	1.	1.	1.	1.
Pr-BJ1-G1-S2-23	1.	1.	1.	1.	1.	1.	1.	1.
Pr-BJ1-G1-S2-24	1.	1.	1.	1.	1.	1.	1.	1.
Pr-BJ1-G1-S2-25	1.	1.	1.	1.	1.	1.	1.	1.
Pr-BJ1-G1-S2-26	1.	1.	1.	1.	1.	1.	1.	1.
Pr-BJ1-G1-S2-3	1.	1.	1.	1.	1.	1.	1.	1.
Pr-BJ1-G1-S2-4	1.	1.	1.	1.	1.	1.	1.	1.
Pr-BJ1-G1-S2-5	1.	1.	1.	1.	1.	1.	1.	1.
Pr-BJ1-G1-S2-6	1.	1.	1.	1.	1.	1.	1.	1.
Pr-BJ1-G1-S2-7	1.	1.	1.	1.	1.	1.	1.	1.
Pr-BJ1-G1-S2-8	1.	1.	1.	1.	1.	1.	1.	1.
Pr-BJ1-G1-S2-9	1.	1.	1.	1.	1.	1.	1.	1.
Pr-BJ1-G1-S3-1	1.	1.	1.	1.	1.	1.	1.	1.
Pr-BJ1-G1-S3-10	1.	1.	1.	1.	1.	1.	1.	1.
Pr-BJ1-G1-S3-11	1.	1.	1.	1.	1.	1.	1.	1.
Pr-BJ1-G1-S3-12	1.	1.	1.	1.	1.	1.	1.	1.
Pr-BJ1-G1-S3-13	1.	1.	1.	1.	1.	1.	1.	1.
Pr-BJ1-G1-S3-14	1.	1.	1.	1.	1.	1.	1.	1.
Pr-BJ1-G1-S3-2	1.	1.	1.	1.	1.	1.	1.	1.
Pr-BJ1-G1-S3-3	1.	1.	1.	1.	1.	1.	1.	1.
Pr-BJ1-G1-S3-4	1.	1.	1.	1.	1.	1.	1.	1.
Pr-BJ1-G1-S3-5	1.	1.	1.	1.	1.	1.	1.	1.
Pr-BJ1-G1-S3-6	1.	1.	1.	1.	1.	1.	1.	1.
Pr-BJ1-G1-S3-7	1.	1.	1.	1.	1.	1.	1.	1.
Pr-BJ1-G1-S3-8	1.	1.	1.	1.	1.	1.	1.	1.
Pr-BJ1-G1-S3-9	1.	1.	1.	1.	1.	1.	1.	1.
Pr-BJ1-G2-S1-1	1.	1.	1.	1.	1.	1.	1.	1.
Pr-BJ1-G2-S1-10	1.	1.	1.	1.	1.	1.	1.	1.
Pr-BJ1-G2-S1-11	1.	1.	1.	1.	1.	1.	1.	1.
Pr-BJ1-G2-S1-12	1.	1.	1.	1.	1.	1.	1.	1.
Pr-BJ1-G2-S1-13	1.	1.	1.	1.	1.	1.	1.	1.
Pr-BJ1-G2-S1-14	1.	1.	1.	1.	1.	1.	1.	1.
Pr-BJ1-G2-S1-2	1.	1.	1.	1.	1.	1.	1.	1.
Pr-BJ1-G2-S1-3	1.	1.	1.	1.	1.	1.	1.	1.
Pr-BJ1-G2-S1-4	1.	1.	1.	1.	1.	1.	1.	1.

Table 19: Frame Section Properties 01 - General, Part 4 of 4

SectionName	AMod	A2Mod	A3Mod	JMod	I2Mod	I3Mod	MMod	WMod
Pr-BJ1-G2-S1-5	1.	1.	1.	1.	1.	1.	1.	1.
Pr-BJ1-G2-S1-6	1.	1.	1.	1.	1.	1.	1.	1.
Pr-BJ1-G2-S1-7	1.	1.	1.	1.	1.	1.	1.	1.
Pr-BJ1-G2-S1-8	1.	1.	1.	1.	1.	1.	1.	1.
Pr-BJ1-G2-S1-9	1.	1.	1.	1.	1.	1.	1.	1.
Pr-BJ1-G2-S2-1	1.	1.	1.	1.	1.	1.	1.	1.
Pr-BJ1-G2-S2-10	1.	1.	1.	1.	1.	1.	1.	1.
Pr-BJ1-G2-S2-11	1.	1.	1.	1.	1.	1.	1.	1.
Pr-BJ1-G2-S2-12	1.	1.	1.	1.	1.	1.	1.	1.
Pr-BJ1-G2-S2-13	1.	1.	1.	1.	1.	1.	1.	1.
Pr-BJ1-G2-S2-14	1.	1.	1.	1.	1.	1.	1.	1.
Pr-BJ1-G2-S2-15	1.	1.	1.	1.	1.	1.	1.	1.
Pr-BJ1-G2-S2-16	1.	1.	1.	1.	1.	1.	1.	1.
Pr-BJ1-G2-S2-17	1.	1.	1.	1.	1.	1.	1.	1.
Pr-BJ1-G2-S2-18	1.	1.	1.	1.	1.	1.	1.	1.
Pr-BJ1-G2-S2-19	1.	1.	1.	1.	1.	1.	1.	1.
Pr-BJ1-G2-S2-2	1.	1.	1.	1.	1.	1.	1.	1.
Pr-BJ1-G2-S2-20	1.	1.	1.	1.	1.	1.	1.	1.
Pr-BJ1-G2-S2-21	1.	1.	1.	1.	1.	1.	1.	1.
Pr-BJ1-G2-S2-22	1.	1.	1.	1.	1.	1.	1.	1.
Pr-BJ1-G2-S2-23	1.	1.	1.	1.	1.	1.	1.	1.
Pr-BJ1-G2-S2-24	1.	1.	1.	1.	1.	1.	1.	1.
Pr-BJ1-G2-S2-25	1.	1.	1.	1.	1.	1.	1.	1.
Pr-BJ1-G2-S2-26	1.	1.	1.	1.	1.	1.	1.	1.
Pr-BJ1-G2-S2-3	1.	1.	1.	1.	1.	1.	1.	1.
Pr-BJ1-G2-S2-4	1.	1.	1.	1.	1.	1.	1.	1.
Pr-BJ1-G2-S2-5	1.	1.	1.	1.	1.	1.	1.	1.
Pr-BJ1-G2-S2-6	1.	1.	1.	1.	1.	1.	1.	1.
Pr-BJ1-G2-S2-7	1.	1.	1.	1.	1.	1.	1.	1.
Pr-BJ1-G2-S2-8	1.	1.	1.	1.	1.	1.	1.	1.
Pr-BJ1-G2-S2-9	1.	1.	1.	1.	1.	1.	1.	1.
Pr-BJ1-G2-S3-1	1.	1.	1.	1.	1.	1.	1.	1.
Pr-BJ1-G2-S3-10	1.	1.	1.	1.	1.	1.	1.	1.
Pr-BJ1-G2-S3-11	1.	1.	1.	1.	1.	1.	1.	1.
Pr-BJ1-G2-S3-12	1.	1.	1.	1.	1.	1.	1.	1.
Pr-BJ1-G2-S3-13	1.	1.	1.	1.	1.	1.	1.	1.
Pr-BJ1-G2-S3-14	1.	1.	1.	1.	1.	1.	1.	1.
Pr-BJ1-G2-S3-2	1.	1.	1.	1.	1.	1.	1.	1.
Pr-BJ1-G2-S3-3	1.	1.	1.	1.	1.	1.	1.	1.
Pr-BJ1-G2-S3-4	1.	1.	1.	1.	1.	1.	1.	1.
Pr-BJ1-G2-S3-5	1.	1.	1.	1.	1.	1.	1.	1.
Pr-BJ1-G2-S3-6	1.	1.	1.	1.	1.	1.	1.	1.
Pr-BJ1-G2-S3-7	1.	1.	1.	1.	1.	1.	1.	1.
Pr-BJ1-G2-S3-8	1.	1.	1.	1.	1.	1.	1.	1.
Pr-BJ1-G2-S3-9	1.	1.	1.	1.	1.	1.	1.	1.
Pr-BJ1-G3-S1-1	1.	1.	1.	1.	1.	1.	1.	1.
Pr-BJ1-G3-S1-10	1.	1.	1.	1.	1.	1.	1.	1.
Pr-BJ1-G3-S1-11	1.	1.	1.	1.	1.	1.	1.	1.
Pr-BJ1-G3-S1-12	1.	1.	1.	1.	1.	1.	1.	1.
Pr-BJ1-G3-S1-13	1.	1.	1.	1.	1.	1.	1.	1.
Pr-BJ1-G3-S1-14	1.	1.	1.	1.	1.	1.	1.	1.
Pr-BJ1-G3-S1-2	1.	1.	1.	1.	1.	1.	1.	1.
Pr-BJ1-G3-S1-3	1.	1.	1.	1.	1.	1.	1.	1.
Pr-BJ1-G3-S1-4	1.	1.	1.	1.	1.	1.	1.	1.

Table 19: Frame Section Properties 01 - General, Part 4 of 4

SectionName	AMod	A2Mod	A3Mod	JMod	I2Mod	I3Mod	MMod	WMod
Pr-BJ1-G3-S1-5	1.	1.	1.	1.	1.	1.	1.	1.
Pr-BJ1-G3-S1-6	1.	1.	1.	1.	1.	1.	1.	1.
Pr-BJ1-G3-S1-7	1.	1.	1.	1.	1.	1.	1.	1.
Pr-BJ1-G3-S1-8	1.	1.	1.	1.	1.	1.	1.	1.
Pr-BJ1-G3-S1-9	1.	1.	1.	1.	1.	1.	1.	1.
Pr-BJ1-G3-S2-1	1.	1.	1.	1.	1.	1.	1.	1.
Pr-BJ1-G3-S2-10	1.	1.	1.	1.	1.	1.	1.	1.
Pr-BJ1-G3-S2-11	1.	1.	1.	1.	1.	1.	1.	1.
Pr-BJ1-G3-S2-12	1.	1.	1.	1.	1.	1.	1.	1.
Pr-BJ1-G3-S2-13	1.	1.	1.	1.	1.	1.	1.	1.
Pr-BJ1-G3-S2-14	1.	1.	1.	1.	1.	1.	1.	1.
Pr-BJ1-G3-S2-15	1.	1.	1.	1.	1.	1.	1.	1.
Pr-BJ1-G3-S2-16	1.	1.	1.	1.	1.	1.	1.	1.
Pr-BJ1-G3-S2-17	1.	1.	1.	1.	1.	1.	1.	1.
Pr-BJ1-G3-S2-18	1.	1.	1.	1.	1.	1.	1.	1.
Pr-BJ1-G3-S2-19	1.	1.	1.	1.	1.	1.	1.	1.
Pr-BJ1-G3-S2-2	1.	1.	1.	1.	1.	1.	1.	1.
Pr-BJ1-G3-S2-20	1.	1.	1.	1.	1.	1.	1.	1.
Pr-BJ1-G3-S2-21	1.	1.	1.	1.	1.	1.	1.	1.
Pr-BJ1-G3-S2-22	1.	1.	1.	1.	1.	1.	1.	1.
Pr-BJ1-G3-S2-23	1.	1.	1.	1.	1.	1.	1.	1.
Pr-BJ1-G3-S2-24	1.	1.	1.	1.	1.	1.	1.	1.
Pr-BJ1-G3-S2-25	1.	1.	1.	1.	1.	1.	1.	1.
Pr-BJ1-G3-S2-26	1.	1.	1.	1.	1.	1.	1.	1.
Pr-BJ1-G3-S2-3	1.	1.	1.	1.	1.	1.	1.	1.
Pr-BJ1-G3-S2-4	1.	1.	1.	1.	1.	1.	1.	1.
Pr-BJ1-G3-S2-5	1.	1.	1.	1.	1.	1.	1.	1.
Pr-BJ1-G3-S2-6	1.	1.	1.	1.	1.	1.	1.	1.
Pr-BJ1-G3-S2-7	1.	1.	1.	1.	1.	1.	1.	1.
Pr-BJ1-G3-S2-8	1.	1.	1.	1.	1.	1.	1.	1.
Pr-BJ1-G3-S2-9	1.	1.	1.	1.	1.	1.	1.	1.
Pr-BJ1-G3-S3-1	1.	1.	1.	1.	1.	1.	1.	1.
Pr-BJ1-G3-S3-10	1.	1.	1.	1.	1.	1.	1.	1.
Pr-BJ1-G3-S3-11	1.	1.	1.	1.	1.	1.	1.	1.
Pr-BJ1-G3-S3-12	1.	1.	1.	1.	1.	1.	1.	1.
Pr-BJ1-G3-S3-13	1.	1.	1.	1.	1.	1.	1.	1.
Pr-BJ1-G3-S3-14	1.	1.	1.	1.	1.	1.	1.	1.
Pr-BJ1-G3-S3-2	1.	1.	1.	1.	1.	1.	1.	1.
Pr-BJ1-G3-S3-3	1.	1.	1.	1.	1.	1.	1.	1.
Pr-BJ1-G3-S3-4	1.	1.	1.	1.	1.	1.	1.	1.
Pr-BJ1-G3-S3-5	1.	1.	1.	1.	1.	1.	1.	1.
Pr-BJ1-G3-S3-6	1.	1.	1.	1.	1.	1.	1.	1.
Pr-BJ1-G3-S3-7	1.	1.	1.	1.	1.	1.	1.	1.
Pr-BJ1-G3-S3-8	1.	1.	1.	1.	1.	1.	1.	1.
Pr-BJ1-G3-S3-9	1.	1.	1.	1.	1.	1.	1.	1.
Section A	1.	1.	1.	1.	1.	1.	1.	1.
Section B	1.	1.	1.	1.	1.	1.	1.	1.
Section C	1.	1.	1.	1.	1.	1.	1.	1.
Section D	1.	1.	1.	1.	1.	1.	1.	1.
Section E	1.	1.	1.	1.	1.	1.	1.	1.
Section F	1.	1.	1.	1.	1.	1.	1.	1.
Section G	1.	1.	1.	1.	1.	1.	1.	1.
Section H	1.	1.	1.	1.	1.	1.	1.	1.
ST6 x 22.5	1.	1.	1.	1.	1.	1.	1.	1.

Table 19: Frame Section Properties 01 - General, Part 4 of 4

SectionName	AMod	A2Mod	A3Mod	JMod	I2Mod	I3Mod	MMod	WMod
W24x84	1.	1.	1.	1.	1.	1.	1.	1.
W30x108	1.	1.	1.	1.	1.	1.	1.	1.
W30x132	1.	1.	1.	1.	1.	1.	1.	1.

Table 20: Frame Section Properties 02 - Concrete Column, Part 1 of 2

Table 20: Frame Section Properties 02 - Concrete Column, Part 1 of 2

SectionName	RebarMatL	RebarMatC	ReinfConfig	LatReinf	Cover	NumBars3Dir	NumBars2Dir
					ft		
Back Wall	A615Gr60	A615Gr60	Rectangular	Ties	0.125	3	3
Bent Cap	A615Gr60	A615Gr60	Rectangular	Ties	0.125	3	3
ColumnSection	A615Gr60	A615Gr60	Rectangular	Ties	0.19271	4	4
Diapragm @ Pier	A615Gr60	A615Gr60	Rectangular	Ties	0.125	3	3
FSEC1	A615Gr60	A615Gr60	Rectangular	Ties	0.125	3	3

Table 20: Frame Section Properties 02 - Concrete Column, Part 2 of 2

Table 20: Frame Section Properties 02 - Concrete Column, Part 2 of 2

SectionName	BarSizeL	BarSizeC	SpacingC	NumCBars2	NumCBars3
			ft		
Back Wall	#9	#4	0.5	3	3
Bent Cap	#9	#4	0.5	3	3
ColumnSection	#11	#4	1.	21	21
Diapragm @ Pier	#9	#4	0.5	3	3
FSEC1	#9	#4	0.5	3	3

Table 21: Frame Section Properties 05 - Nonprismatic

Table 21: Frame Section Properties 05 - Nonprismatic

SectionName	SegmentNum	StartSect	EndSect	AbsLength	VarLength	EI33Var	EI22Var
				ft			
Girder - Span 1	1	Section A	Section A	39.		Linear	Linear
Girder - Span 1	2	Section B	Section B	88.		Linear	Linear
Girder - Span 1	3	Section A	Section A	42.		Linear	Linear
Girder - Span 1	4	Section C	Section C	15.		Linear	Linear
Girder - Span 1	5	Section D	Section D	16.83		Linear	Linear
Girder - Span 1	6	Section E	Section E	10.67		Linear	Linear
Girder - Span 1	7	Section F	Section F	14.5		Linear	Linear
Girder - Span 2	1	Section F	Section F	14.5		Linear	Linear
Girder - Span 2	2	Section E	Section E	19.		Linear	Linear
Girder - Span 2	3	Section D	Section D	7.58		Linear	Linear
Girder - Span 2	4	Section C	Section C	7.58		Linear	Linear
Girder - Span 2	5	Section A	Section A	33.25		Linear	Linear
Girder - Span 2	6	Section G	Section G	21.		Linear	Linear
Girder - Span 2	7	Section H	Section H	114.		Linear	Linear
Girder - Span 2	8	Section G	Section G	21.		Linear	Linear
Girder - Span 2	9	Section A	Section A	33.25		Linear	Linear
Girder - Span 2	10	Section C	Section C	7.58		Linear	Linear

Table 21: Frame Section Properties 05 - Nonprismatic

SectionName	SegmentNum	StartSect	EndSect	AbsLength	VarLength	EI33Var	EI22Var
				ft			
Girder - Span 2	11	Section D	Section D	7.58		Linear	Linear
Girder - Span 2	12	Section E	Section E	19.		Linear	Linear
Girder - Span 2	13	Section F	Section F	14.5		Linear	Linear
Girder - Span 3	1	Section F	Section F	14.5		Linear	Linear
Girder - Span 3	2	Section E	Section E	10.67		Linear	Linear
Girder - Span 3	3	Section D	Section D	16.83		Linear	Linear
Girder - Span 3	4	Section C	Section C	15.		Linear	Linear
Girder - Span 3	5	Section A	Section A	42.		Linear	Linear
Girder - Span 3	6	Section B	Section B	88.		Linear	Linear
Girder - Span 3	7	Section A	Section A	39.		Linear	Linear
NPr-BJ1-G0-S1	1	Pr-BJ1-G0-S1-1	Pr-BJ1-G0-S1-2		0.1726	Parabolic	Linear
NPr-BJ1-G0-S1	2	Pr-BJ1-G0-S1-3	Pr-BJ1-G0-S1-4		0.3894	Parabolic	Linear
NPr-BJ1-G0-S1	3	Pr-BJ1-G0-S1-5	Pr-BJ1-G0-S1-6		0.1858	Parabolic	Linear
NPr-BJ1-G0-S1	4	Pr-BJ1-G0-S1-7	Pr-BJ1-G0-S1-8		0.0664	Parabolic	Linear
NPr-BJ1-G0-S1	5	Pr-BJ1-G0-S1-9	Pr-BJ1-G0-S1-10		0.0745	Parabolic	Linear
NPr-BJ1-G0-S1	6	Pr-BJ1-G0-S1-11	Pr-BJ1-G0-S1-12		0.0472	Parabolic	Linear
NPr-BJ1-G0-S1	7	Pr-BJ1-G0-S1-13	Pr-BJ1-G0-S1-14		0.0642	Parabolic	Linear
NPr-BJ1-G0-S2	1	Pr-BJ1-G0-S2-1	Pr-BJ1-G0-S2-2		0.0453	Parabolic	Linear
NPr-BJ1-G0-S2	2	Pr-BJ1-G0-S2-3	Pr-BJ1-G0-S2-4		0.0594	Parabolic	Linear
NPr-BJ1-G0-S2	3	Pr-BJ1-G0-S2-5	Pr-BJ1-G0-S2-6		0.0237	Parabolic	Linear
NPr-BJ1-G0-S2	4	Pr-BJ1-G0-S2-7	Pr-BJ1-G0-S2-8		0.0237	Parabolic	Linear
NPr-BJ1-G0-S2	5	Pr-BJ1-G0-S2-9	Pr-BJ1-G0-S2-10		0.104	Parabolic	Linear
NPr-BJ1-G0-S2	6	Pr-BJ1-G0-S2-11	Pr-BJ1-G0-S2-12		0.0657	Parabolic	Linear
NPr-BJ1-G0-S2	7	Pr-BJ1-G0-S2-13	Pr-BJ1-G0-S2-14		0.3565	Parabolic	Linear
NPr-BJ1-G0-S2	8	Pr-BJ1-G0-S2-15	Pr-BJ1-G0-S2-16		0.0657	Parabolic	Linear
NPr-BJ1-G0-S2	9	Pr-BJ1-G0-S2-17	Pr-BJ1-G0-S2-18		0.104	Parabolic	Linear
NPr-BJ1-G0-S2	10	Pr-BJ1-G0-S2-19	Pr-BJ1-G0-S2-20		0.0237	Parabolic	Linear
NPr-BJ1-G0-S2	11	Pr-BJ1-G0-S2-21	Pr-BJ1-G0-S2-22		0.0237	Parabolic	Linear
NPr-BJ1-G0-S2	12	Pr-BJ1-G0-S2-23	Pr-BJ1-G0-S2-24		0.0594	Parabolic	Linear
NPr-BJ1-G0-S2	13	Pr-BJ1-G0-S2-25	Pr-BJ1-G0-S2-26		0.0453	Parabolic	Linear
NPr-BJ1-G0-S3	1	Pr-BJ1-G0-S3-1	Pr-BJ1-G0-S3-2		0.0642	Parabolic	Linear
NPr-BJ1-G0-S3	2	Pr-BJ1-G0-S3-3	Pr-BJ1-G0-S3-4		0.0472	Parabolic	Linear
NPr-BJ1-G0-S3	3	Pr-BJ1-G0-S3-5	Pr-BJ1-G0-S3-6		0.0745	Parabolic	Linear
NPr-BJ1-G0-S3	4	Pr-BJ1-G0-S3-7	Pr-BJ1-G0-S3-8		0.0664	Parabolic	Linear
NPr-BJ1-G0-S3	5	Pr-BJ1-G0-S3-9	Pr-BJ1-G0-S3-10		0.1858	Parabolic	Linear
NPr-BJ1-G0-S3	6	Pr-BJ1-G0-S3-11	Pr-BJ1-G0-S3-12		0.3894	Parabolic	Linear
NPr-BJ1-G0-S3	7	Pr-BJ1-G0-S3-13	Pr-BJ1-G0-S3-14		0.1726	Parabolic	Linear
NPr-BJ1-G1-S1	1	Pr-BJ1-G1-S1-1	Pr-BJ1-G1-S1-2		0.1726	Parabolic	Linear
NPr-BJ1-G1-S1	2	Pr-BJ1-G1-S1-3	Pr-BJ1-G1-S1-4		0.3894	Parabolic	Linear
NPr-BJ1-G1-S1	3	Pr-BJ1-G1-S1-5	Pr-BJ1-G1-S1-6		0.1858	Parabolic	Linear
NPr-BJ1-G1-S1	4	Pr-BJ1-G1-S1-7	Pr-BJ1-G1-S1-8		0.0664	Parabolic	Linear
NPr-BJ1-G1-S1	5	Pr-BJ1-G1-S1-9	Pr-BJ1-G1-S1-10		0.0745	Parabolic	Linear
NPr-BJ1-G1-S1	6	Pr-BJ1-G1-S1-11	Pr-BJ1-G1-S1-12		0.0472	Parabolic	Linear
NPr-BJ1-G1-S1	7	Pr-BJ1-G1-S1-13	Pr-BJ1-G1-S1-14		0.0642	Parabolic	Linear
NPr-BJ1-G1-S2	1	Pr-BJ1-G1-S2-1	Pr-BJ1-G1-S2-2		0.0453	Parabolic	Linear
NPr-BJ1-G1-S2	2	Pr-BJ1-G1-S2-3	Pr-BJ1-G1-S2-4		0.0594	Parabolic	Linear
NPr-BJ1-G1-S2	3	Pr-BJ1-G1-S2-5	Pr-BJ1-G1-S2-6		0.0237	Parabolic	Linear
NPr-BJ1-G1-S2	4	Pr-BJ1-G1-S2-7	Pr-BJ1-G1-S2-8		0.0237	Parabolic	Linear
NPr-BJ1-G1-S2	5	Pr-BJ1-G1-S2-9	Pr-BJ1-G1-S2-10		0.104	Parabolic	Linear
NPr-BJ1-G1-S2	6	Pr-BJ1-G1-S2-11	Pr-BJ1-G1-S2-12		0.0657	Parabolic	Linear
NPr-BJ1-G1-S2	7	Pr-BJ1-G1-S2-13	Pr-BJ1-G1-S2-14		0.3565	Parabolic	Linear
NPr-BJ1-G1-S2	8	Pr-BJ1-G1-S2-15	Pr-BJ1-G1-S2-16		0.0657	Parabolic	Linear
NPr-BJ1-G1-S2	9	Pr-BJ1-G1-S2-17	Pr-BJ1-G1-S2-18		0.104	Parabolic	Linear

Table 21: Frame Section Properties 05 - Nonprismatic

SectionName	SegmentNum	StartSect	EndSect	AbsLength	VarLength	EI33Var	EI22Var
				ft			
NPr-BJ1-G1-S2	10	Pr-BJ1-G1-S2-19	Pr-BJ1-G1-S2-20		0.0237	Parabolic	Linear
NPr-BJ1-G1-S2	11	Pr-BJ1-G1-S2-21	Pr-BJ1-G1-S2-22		0.0237	Parabolic	Linear
NPr-BJ1-G1-S2	12	Pr-BJ1-G1-S2-23	Pr-BJ1-G1-S2-24		0.0594	Parabolic	Linear
NPr-BJ1-G1-S2	13	Pr-BJ1-G1-S2-25	Pr-BJ1-G1-S2-26		0.0453	Parabolic	Linear
NPr-BJ1-G1-S3	1	Pr-BJ1-G1-S3-1	Pr-BJ1-G1-S3-2		0.0642	Parabolic	Linear
NPr-BJ1-G1-S3	2	Pr-BJ1-G1-S3-3	Pr-BJ1-G1-S3-4		0.0472	Parabolic	Linear
NPr-BJ1-G1-S3	3	Pr-BJ1-G1-S3-5	Pr-BJ1-G1-S3-6		0.0745	Parabolic	Linear
NPr-BJ1-G1-S3	4	Pr-BJ1-G1-S3-7	Pr-BJ1-G1-S3-8		0.0664	Parabolic	Linear
NPr-BJ1-G1-S3	5	Pr-BJ1-G1-S3-9	Pr-BJ1-G1-S3-10		0.1858	Parabolic	Linear
NPr-BJ1-G1-S3	6	Pr-BJ1-G1-S3-11	Pr-BJ1-G1-S3-12		0.3894	Parabolic	Linear
NPr-BJ1-G1-S3	7	Pr-BJ1-G1-S3-13	Pr-BJ1-G1-S3-14		0.1726	Parabolic	Linear
NPr-BJ1-G2-S1	1	Pr-BJ1-G2-S1-1	Pr-BJ1-G2-S1-2		0.1726	Parabolic	Linear
NPr-BJ1-G2-S1	2	Pr-BJ1-G2-S1-3	Pr-BJ1-G2-S1-4		0.3894	Parabolic	Linear
NPr-BJ1-G2-S1	3	Pr-BJ1-G2-S1-5	Pr-BJ1-G2-S1-6		0.1858	Parabolic	Linear
NPr-BJ1-G2-S1	4	Pr-BJ1-G2-S1-7	Pr-BJ1-G2-S1-8		0.0664	Parabolic	Linear
NPr-BJ1-G2-S1	5	Pr-BJ1-G2-S1-9	Pr-BJ1-G2-S1-10		0.0745	Parabolic	Linear
NPr-BJ1-G2-S1	6	Pr-BJ1-G2-S1-11	Pr-BJ1-G2-S1-12		0.0472	Parabolic	Linear
NPr-BJ1-G2-S1	7	Pr-BJ1-G2-S1-13	Pr-BJ1-G2-S1-14		0.0642	Parabolic	Linear
NPr-BJ1-G2-S2	1	Pr-BJ1-G2-S2-1	Pr-BJ1-G2-S2-2		0.0453	Parabolic	Linear
NPr-BJ1-G2-S2	2	Pr-BJ1-G2-S2-3	Pr-BJ1-G2-S2-4		0.0594	Parabolic	Linear
NPr-BJ1-G2-S2	3	Pr-BJ1-G2-S2-5	Pr-BJ1-G2-S2-6		0.0237	Parabolic	Linear
NPr-BJ1-G2-S2	4	Pr-BJ1-G2-S2-7	Pr-BJ1-G2-S2-8		0.0237	Parabolic	Linear
NPr-BJ1-G2-S2	5	Pr-BJ1-G2-S2-9	Pr-BJ1-G2-S2-10		0.104	Parabolic	Linear
NPr-BJ1-G2-S2	6	Pr-BJ1-G2-S2-11	Pr-BJ1-G2-S2-12		0.0657	Parabolic	Linear
NPr-BJ1-G2-S2	7	Pr-BJ1-G2-S2-13	Pr-BJ1-G2-S2-14		0.3565	Parabolic	Linear
NPr-BJ1-G2-S2	8	Pr-BJ1-G2-S2-15	Pr-BJ1-G2-S2-16		0.0657	Parabolic	Linear
NPr-BJ1-G2-S2	9	Pr-BJ1-G2-S2-17	Pr-BJ1-G2-S2-18		0.104	Parabolic	Linear
NPr-BJ1-G2-S2	10	Pr-BJ1-G2-S2-19	Pr-BJ1-G2-S2-20		0.0237	Parabolic	Linear
NPr-BJ1-G2-S2	11	Pr-BJ1-G2-S2-21	Pr-BJ1-G2-S2-22		0.0237	Parabolic	Linear
NPr-BJ1-G2-S2	12	Pr-BJ1-G2-S2-23	Pr-BJ1-G2-S2-24		0.0594	Parabolic	Linear
NPr-BJ1-G2-S2	13	Pr-BJ1-G2-S2-25	Pr-BJ1-G2-S2-26		0.0453	Parabolic	Linear
NPr-BJ1-G2-S3	1	Pr-BJ1-G2-S3-1	Pr-BJ1-G2-S3-2		0.0642	Parabolic	Linear
NPr-BJ1-G2-S3	2	Pr-BJ1-G2-S3-3	Pr-BJ1-G2-S3-4		0.0472	Parabolic	Linear
NPr-BJ1-G2-S3	3	Pr-BJ1-G2-S3-5	Pr-BJ1-G2-S3-6		0.0745	Parabolic	Linear
NPr-BJ1-G2-S3	4	Pr-BJ1-G2-S3-7	Pr-BJ1-G2-S3-8		0.0664	Parabolic	Linear
NPr-BJ1-G2-S3	5	Pr-BJ1-G2-S3-9	Pr-BJ1-G2-S3-10		0.1858	Parabolic	Linear
NPr-BJ1-G2-S3	6	Pr-BJ1-G2-S3-11	Pr-BJ1-G2-S3-12		0.3894	Parabolic	Linear
NPr-BJ1-G2-S3	7	Pr-BJ1-G2-S3-13	Pr-BJ1-G2-S3-14		0.1726	Parabolic	Linear
NPr-BJ1-G3-S1	1	Pr-BJ1-G3-S1-1	Pr-BJ1-G3-S1-2		0.1726	Parabolic	Linear
NPr-BJ1-G3-S1	2	Pr-BJ1-G3-S1-3	Pr-BJ1-G3-S1-4		0.3894	Parabolic	Linear
NPr-BJ1-G3-S1	3	Pr-BJ1-G3-S1-5	Pr-BJ1-G3-S1-6		0.1858	Parabolic	Linear
NPr-BJ1-G3-S1	4	Pr-BJ1-G3-S1-7	Pr-BJ1-G3-S1-8		0.0664	Parabolic	Linear
NPr-BJ1-G3-S1	5	Pr-BJ1-G3-S1-9	Pr-BJ1-G3-S1-10		0.0745	Parabolic	Linear
NPr-BJ1-G3-S1	6	Pr-BJ1-G3-S1-11	Pr-BJ1-G3-S1-12		0.0472	Parabolic	Linear
NPr-BJ1-G3-S1	7	Pr-BJ1-G3-S1-13	Pr-BJ1-G3-S1-14		0.0642	Parabolic	Linear
NPr-BJ1-G3-S2	1	Pr-BJ1-G3-S2-1	Pr-BJ1-G3-S2-2		0.0453	Parabolic	Linear
NPr-BJ1-G3-S2	2	Pr-BJ1-G3-S2-3	Pr-BJ1-G3-S2-4		0.0594	Parabolic	Linear
NPr-BJ1-G3-S2	3	Pr-BJ1-G3-S2-5	Pr-BJ1-G3-S2-6		0.0237	Parabolic	Linear
NPr-BJ1-G3-S2	4	Pr-BJ1-G3-S2-7	Pr-BJ1-G3-S2-8		0.0237	Parabolic	Linear
NPr-BJ1-G3-S2	5	Pr-BJ1-G3-S2-9	Pr-BJ1-G3-S2-10		0.104	Parabolic	Linear
NPr-BJ1-G3-S2	6	Pr-BJ1-G3-S2-11	Pr-BJ1-G3-S2-12		0.0657	Parabolic	Linear
NPr-BJ1-G3-S2	7	Pr-BJ1-G3-S2-13	Pr-BJ1-G3-S2-14		0.3565	Parabolic	Linear
NPr-BJ1-G3-S2	8	Pr-BJ1-G3-S2-15	Pr-BJ1-G3-S2-16		0.0657	Parabolic	Linear

Table 21: Frame Section Properties 05 - Nonprismatic

SectionName	SegmentNum	StartSect	EndSect	AbsLength	VarLength	EI33Var	EI22Var
				ft			
NPr-BJ1-G3-S2	9	Pr-BJ1-G3-S2-17	Pr-BJ1-G3-S2-18		0.104	Parabolic	Linear
NPr-BJ1-G3-S2	10	Pr-BJ1-G3-S2-19	Pr-BJ1-G3-S2-20		0.0237	Parabolic	Linear
NPr-BJ1-G3-S2	11	Pr-BJ1-G3-S2-21	Pr-BJ1-G3-S2-22		0.0237	Parabolic	Linear
NPr-BJ1-G3-S2	12	Pr-BJ1-G3-S2-23	Pr-BJ1-G3-S2-24		0.0594	Parabolic	Linear
NPr-BJ1-G3-S2	13	Pr-BJ1-G3-S2-25	Pr-BJ1-G3-S2-26		0.0453	Parabolic	Linear
NPr-BJ1-G3-S3	1	Pr-BJ1-G3-S3-1	Pr-BJ1-G3-S3-2		0.0642	Parabolic	Linear
NPr-BJ1-G3-S3	2	Pr-BJ1-G3-S3-3	Pr-BJ1-G3-S3-4		0.0472	Parabolic	Linear
NPr-BJ1-G3-S3	3	Pr-BJ1-G3-S3-5	Pr-BJ1-G3-S3-6		0.0745	Parabolic	Linear
NPr-BJ1-G3-S3	4	Pr-BJ1-G3-S3-7	Pr-BJ1-G3-S3-8		0.0664	Parabolic	Linear
NPr-BJ1-G3-S3	5	Pr-BJ1-G3-S3-9	Pr-BJ1-G3-S3-10		0.1858	Parabolic	Linear
NPr-BJ1-G3-S3	6	Pr-BJ1-G3-S3-11	Pr-BJ1-G3-S3-12		0.3894	Parabolic	Linear
NPr-BJ1-G3-S3	7	Pr-BJ1-G3-S3-13	Pr-BJ1-G3-S3-14		0.1726	Parabolic	Linear

3.2. Areas

Table 22: Area Section Properties, Part 1 of 3

Table 22: Area Section Properties, Part 1 of 3

Section	Material	AreaType	Type	DrillDOF	Thickness	BendThick	F11Mod
					ft	ft	
ASEC1	3000Psi-mod	Shell	Shell-Thin	Yes	1.	1.	1.
ASEC2	Grade 33	Shell	Shell-Thin	Yes	1.	1.	1.

Table 22: Area Section Properties, Part 2 of 3

Table 22: Area Section Properties, Part 2 of 3

Section	F22Mod	F12Mod	M11Mod	M22Mod	M12Mod	V13Mod	V23Mod
ASEC1	1.	1.	1.	1.	1.	1.	1.
ASEC2	1.	1.	1.	1.	1.	1.	1.

Table 22: Area Section Properties, Part 3 of 3

Table 22: Area Section Properties, Part 3 of 3

Section	MMod	WMod
ASEC1	1.	1.
ASEC2	1.	1.

3.3. Solids

Table 23: Solid Property Definitions

Table 23: Solid Property Definitions

SolidProp	Material	MatAngleA Degrees	MatAngleB Degrees	MatAngleC Degrees
Solid1	4000Psi	0.	0.	0.

4. Loading

This section provides loading information as applied to the model.

4.1. Load patterns

Table 24: Load Pattern Definitions

Table 24: Load Pattern Definitions

LoadPat	DesignType	SelfWtMult	AutoLoad
Dead Load	Dead	1.	
SIP	Dead	0.	
Utility	Dead	0.	
Haunch	Dead	0.	
Barrier	Dead	0.	
Sidewalk	Dead	0.	
SIPForm	Dead	0.	
ConcPour Permanent	Dead	0.	
DW	Wearing Surface	0.	
Temperature Pos	Temperature	0.	
Temperature Neg	Temperature	0.	
ConcPour Temporary	Construction	0.	

4.2. Vehicles

Table 25: Vehicles 2 - General Vehicles 1 - General, Part 1 of 6

Table 25: Vehicles 2 - General Vehicles 1 - General, Part 1 of 6

VehName	FromLibrary	LibraryName	FltAxleFac	AxleFac	UnifFac	SupportMom	IntSupport
Annual Permit 1	No	User Defined	1.	1.	1.	Yes	Yes
Annual Permit 2	No	User Defined	1.	1.	1.	Yes	Yes
EV2	No	User Defined	1.	1.	1.	Yes	Yes
EV3	No	User Defined	1.	1.	1.	Yes	Yes
Gravel Truck	No	User Defined	1.	1.	1.	Yes	Yes
HL-93	No	User Defined	1.	1.	1.	Yes	Yes
HS-20	No	User Defined	1.	1.	1.	Yes	Yes
HS-15	No	User Defined	1.	1.	1.	Yes	Yes
Lane	No	User Defined	1.	1.	1.	Yes	Yes

Table 25: Vehicles 2 - General Vehicles 1 - General, Part 1 of 6

VehName	FromLibrary	LibraryName	FltAxleFac	AxleFac	UnifFac	SupportMom	IntSupport
Neg - EV3	No	User Defined	1.	0.75	1.	Yes	No
Overweight Permit	No	User Defined	1.	1.	1.	Yes	Yes
SU-4	No	User Defined	1.	1.	1.	Yes	Yes
SU-5	No	User Defined	1.	1.	1.	Yes	Yes
SU-6	No	User Defined	1.	1.	1.	Yes	Yes
SU-7	No	User Defined	1.	1.	1.	Yes	Yes
Type 3-3	No	User Defined	1.	1.	1.	Yes	Yes
Type 3	No	User Defined	1.	1.	1.	Yes	Yes
Type 3S2	No	User Defined	1.	1.	1.	Yes	Yes
Type 3-3+Lane(200plf)	No	User Defined	1.	0.75	1.	Yes	Yes

Table 25: Vehicles 2 - General Vehicles 1 - General, Part 2 of 6

Table 25: Vehicles 2 - General Vehicles 1 - General, Part 2 of 6

VehName	OtherResp	AxleMom	AxleMType	AxleMWidth	AxleMDbl	AxleOther	AxleOType
		Kip		ft		Kip	
Annual Permit 1	Yes	0.	One Point		No	0.	One Point
Annual Permit 2	Yes	0.	One Point		No	0.	One Point
EV2	Yes	0.	One Point		No	0.	One Point
EV3	Yes	0.	One Point		No	0.	One Point
Gravel Truck	Yes	0.	One Point		No	0.	One Point
HL-93	Yes	0.	One Point		No	0.	One Point
HS-20	Yes	0.	One Point		No	0.	One Point
HS-15	Yes	0.	One Point		No	0.	One Point
Lane	Yes	0.	One Point		No	0.	One Point
Neg - EV3	No	0.	One Point		No	0.	One Point
Overweight Permit	Yes	0.	One Point		No	0.	One Point
SU-4	Yes	0.	One Point		No	0.	One Point
SU-5	Yes	0.	One Point		No	0.	One Point
SU-6	Yes	0.	One Point		No	0.	One Point
SU-7	Yes	0.	One Point		No	0.	One Point
Type 3-3	Yes	0.	One Point		No	0.	One Point
Type 3	Yes	0.	One Point		No	0.	One Point
Type 3S2	Yes	0.	One Point		No	0.	One Point
Type 3-3+Lane(200plf)	Yes	0.	One Point		No	0.	One Point

Table 25: Vehicles 2 - General Vehicles 1 - General, Part 3 of 6

Table 25: Vehicles 2 - General Vehicles 1 - General, Part 3 of 6

VehName	AxleOWidth	LEffAxle	LEffUnif	ForStraddle	StraddleFac	NumInter	MinExtDist
	ft						ft
Annual Permit 1		User	None	No		8	0.
Annual Permit 2		User	None	No		8	0.
EV2		User	None	No		2	0.
EV3		User	None	No		3	0.
Gravel Truck		User	None	No		4	0.
HL-93		User	None	No		4	0.
HS-20		User	None	No		3	0.
HS-15		User	None	No		3	0.
Lane		None	None	No		1	0.

Table 25: Vehicles 2 - General Vehicles 1 - General, Part 3 of 6

VehName	AxleOWidth	LEffAxle	LEffUnif	ForStraddle	StraddleFac	NumInter	MinExtDist
	ft						ft
Neg - EV3		User	None	No		7	0.
Overweight Permit		User	None	No		13	0.
SU-4		User	None	No		4	0.
SU-5		User	None	No		5	0.
SU-6		User	None	No		6	0.
SU-7		User	None	No		7	0.
Type 3-3		User	None	No		6	0.
Type 3		User	None	No		4	0.
Type 3S2		User	None	No		5	0.
Type 3-3+Lane(200plf)		User	None	No		7	0.

Table 25: Vehicles 2 - General Vehicles 1 - General, Part 4 of 6

Table 25: Vehicles 2 - General Vehicles 1 - General, Part 4 of 6

VehName	MinIntDist	StayInLane	CGHTAxle	CGHTUnif	Notes	AdjustSuper
	ft		ft	ft		
Annual Permit 1	0.	No	0.	0.		No
Annual Permit 2	0.	No	0.	0.		No
EV2	0.	No	0.	0.		No
EV3	0.	No	0.	0.		No
Gravel Truck	0.	No	0.	0.		No
HL-93	0.	No	0.	0.		No
HS-20	0.	No	0.	0.		No
HS-15	0.	No	0.	0.		No
Lane	0.	No	0.	0.		No
Neg - EV3	0.	No	0.	0.		No
Overweight Permit	0.	No	0.	0.		No
SU-4	0.	No	0.	0.		No
SU-5	0.	No	0.	0.		No
SU-6	0.	No	0.	0.		No
SU-7	0.	No	0.	0.		No
Type 3-3	0.	No	0.	0.		No
Type 3	0.	No	0.	0.		No
Type 3S2	0.	No	0.	0.		No
Type 3-3+Lane(200plf)	0.	No	0.	0.		No

Table 25: Vehicles 2 - General Vehicles 1 - General, Part 5 of 6

Table 25: Vehicles 2 - General Vehicles 1 - General, Part 5 of 6

VehName	IgnoreVert	Centrifugal	CenScaleOpt	CenVelocity	CenAxleSF	CenUnifSF	CenOverturn
				ft/sec			
Annual Permit 1	No	Yes	Velocity	102.67	1.	0.	No
Annual Permit 2	No	Yes	Velocity	102.67	1.	0.	No
EV2	No	Yes	Velocity	102.67	1.	0.	No
EV3	No	Yes	Velocity	102.67	1.	0.	Yes
Gravel Truck	No	Yes	Velocity	102.67	1.	0.	No
HL-93	No	Yes	Velocity	102.67	1.	0.	No
HS-20	No	Yes	Velocity	102.67	1.	0.	No
HS-15	No	Yes	Velocity	8.556	1.	0.	No
Lane	No	Yes	Velocity	102.67	1.	0.	No

Table 25: Vehicles 2 - General Vehicles 1 - General, Part 5 of 6

VehName	IgnoreVert	Centrifugal	CenScaleOpt	CenVelocity	CenAxleSF	CenUnifSF	CenOverturn
				ft/sec			
Neg - EV3	No	Yes	Velocity	102.67	1.	0.	Yes
Overweight Permit	No	Yes	Velocity	8.556	1.	0.	No
SU-4	No	Yes	Velocity	102.67	1.	0.	No
SU-5	No	Yes	Velocity	102.67	1.	0.	No
SU-6	No	Yes	Velocity	102.67	1.	0.	No
SU-7	No	Yes	Velocity	102.67	1.	0.	No
Type 3-3	No	Yes	Velocity	102.67	1.	0.	No
Type 3	No	Yes	Velocity	102.67	1.	0.	No
Type 3S2	No	Yes	Velocity	102.67	1.	0.	No
Type 3-3+Lane(200plf)	No	Yes	Velocity	102.67	1.	0.	No

Table 25: Vehicles 2 - General Vehicles 1 - General, Part 6 of 6

Table 25: Vehicles 2 - General Vehicles 1 - General, Part 6 of 6

VehName	Braking	NosingForce	DesignType
		Kip	
Annual Permit 1	No	0.	Permit Veh Live
Annual Permit 2	No	0.	Permit Veh Live
EV2	No	0.	Permit Veh Live
EV3	No	0.	Permit Veh Live
Gravel Truck	No	0.	Permit Veh Live
HL-93	No	0.	Vehicle Live
HS-20	No	0.	Vehicle Live
HS-15	No	0.	Vehicle Live
Lane	No	0.	Vehicle Live
Neg - EV3	No	0.	Vehicle Live
Overweight Permit	No	0.	Permit Veh Live
SU-4	No	0.	Vehicle Live
SU-5	No	0.	Vehicle Live
SU-6	No	0.	Vehicle Live
SU-7	No	0.	Vehicle Live
Type 3-3	No	0.	Vehicle Live
Type 3	No	0.	Vehicle Live
Type 3S2	No	0.	Vehicle Live
Type 3-3+Lane(200plf)	No	0.	Vehicle Live

Table 26: Vehicles 3 - General Vehicles 2 - Loads, Part 1 of 2

Table 26: Vehicles 3 - General Vehicles 2 - Loads, Part 1 of 2

VehName	LoadType	InterUnif	UnifType	UnifWidth	InterAxle	AxleType	AxleWidth	InterMinD
		Kip/ft		ft	Kip		ft	ft
Annual Permit 1	Leading Load	0.	Fixed Width	1.	13.	Two Points	6.	
Annual Permit 1	Fixed Length	0.	Fixed Width	1.	20.	Two Points	6.	12.
Annual Permit 1	Fixed Length	0.	Fixed Width	1.	20.	Two Points	6.	4.5
Annual Permit 1	Fixed Length	0.	Fixed Width	1.	20.	Two Points	6.	4.5

Table 26: Vehicles 3 - General Vehicles 2 - Loads, Part 1 of 2

VehName	LoadType	InterUnif	UnifType	UnifWidth	InterAxle	AxleType	AxleWidth	InterMinD
		Kip/ft		ft	Kip		ft	ft
Annual Permit 1	Fixed Length	0.	Fixed Width	1.	23.	Two Points	6.	30.
Annual Permit 1	Fixed Length	0.	Fixed Width	1.	23.	Two Points	6.	4.5
Annual Permit 1	Fixed Length	0.	Fixed Width	1.	23.	Two Points	6.	14.
Annual Permit 1	Fixed Length	0.	Fixed Width	1.	23.	Two Points	6.	4.5
Annual Permit 2	Leading Load	0.	Fixed Width	1.	13.	Two Points	6.	
Annual Permit 2	Fixed Length	0.	Fixed Width	1.	20.	Two Points	6.	12.
Annual Permit 2	Fixed Length	0.	Fixed Width	1.	20.	Two Points	6.	4.5
Annual Permit 2	Fixed Length	0.	Fixed Width	1.	20.	Two Points	6.	4.5
Annual Permit 2	Fixed Length	0.	Fixed Width	1.	23.	Two Points	6.	15.
Annual Permit 2	Fixed Length	0.	Fixed Width	1.	23.	Two Points	6.	4.5
Annual Permit 2	Fixed Length	0.	Fixed Width	1.	23.	Two Points	6.	14.
Annual Permit 2	Fixed Length	0.	Fixed Width	1.	23.	Two Points	6.	4.5
EV2	Leading Load	0.	Fixed Width	1.	24.	Two Points	6.	
EV2	Fixed Length	0.	Fixed Width	1.	33.5	Two Points	6.	15.
EV3	Leading Load	0.	Fixed Width	1.	24.	Two Points	6.	
EV3	Fixed Length	0.	Fixed Width	1.	31.	Two Points	6.	13.
EV3	Fixed Length	0.	Fixed Width	1.	31.	Two Points	6.	4.
Gravel Truck	Leading Load	0.	Fixed Width	1.	20.	Two Points	6.	
Gravel Truck	Fixed Length	0.	Fixed Width	1.	14.	Two Points	6.	10.5
Gravel Truck	Fixed Length	0.	Fixed Width	1.	20.	Two Points	6.	4.25
Gravel Truck	Fixed Length	0.	Fixed Width	1.	20.	Two Points	6.	4.417
HL-93	Leading Load	0.64	Fixed Width	10.	8.	Two Points	6.	
HL-93	Fixed Length	0.64	Fixed Width	10.	32.	Two Points	6.	14.
HL-93	Variable Length	0.64	Fixed Width	10.	32.	Two Points	6.	14.
HL-93	Trailing Load	0.64	Fixed Width	10.				
HS-20	Leading Load	0.	Fixed Width	10.	8.	Two Points	6.	
HS-20	Fixed Length	0.	Fixed Width	10.	32.	Two Points	6.	14.
HS-20	Variable Length	0.	Fixed Width	10.	32.	Two Points	6.	14.
HS-15	Leading Load	0.	Zero Width		6.	Two Points	6.	
HS-15	Fixed Length	0.	Zero Width		24.	Two Points	6.	14.
HS-15	Variable Length	0.	Zero Width		24.	Two Points	6.	14.
Lane	Trailing Load	0.64	Fixed Width	10.				
Neg - EV3	Leading Load	0.2	Fixed Width	1.	24.	Two Points	6.	
Neg - EV3	Fixed Length	0.2	Fixed Width	1.	31.	Two Points	6.	13.
Neg - EV3	Fixed Length	0.2	Fixed Width	1.	31.	Two Points	6.	4.
Neg - EV3	Fixed Length	0.2	Fixed Width	1.	24.	Two Points	6.	30.

Table 26: Vehicles 3 - General Vehicles 2 - Loads, Part 1 of 2

VehName	LoadType	InterUnif	UnifType	UnifWidth	InterAxle	AxleType	AxleWidth	InterMinD
		Kip/ft		ft	Kip		ft	ft
Neg - EV3	Fixed Length	0.2	Fixed Width	1.	31.	Two Points	6.	13.
Neg - EV3	Fixed Length	0.2	Fixed Width	1.	31.	Two Points	6.	4.
Neg - EV3	Trailing Load	0.2	Fixed Width	1.				
Overweight Permit	Leading Load	0.	Zero Width		15.	Two Points	6.	
Overweight Permit	Fixed Length	0.	Zero Width		20.	Two Points	6.	12.
Overweight Permit	Fixed Length	0.	Zero Width		20.	Two Points	6.	4.
Overweight Permit	Fixed Length	0.	Zero Width		20.	Two Points	6.	4.
Overweight Permit	Fixed Length	0.	Zero Width		20.	Two Points	6.	12.
Overweight Permit	Fixed Length	0.	Zero Width		20.	Two Points	6.	4.
Overweight Permit	Fixed Length	0.	Zero Width		20.	Two Points	6.	4.
Overweight Permit	Fixed Length	0.	Zero Width		20.	Two Points	6.	40.
Overweight Permit	Fixed Length	0.	Zero Width		20.	Two Points	6.	4.
Overweight Permit	Fixed Length	0.	Zero Width		20.	Two Points	6.	4.
Overweight Permit	Fixed Length	0.	Zero Width		20.	Two Points	6.	12.
Overweight Permit	Fixed Length	0.	Zero Width		20.	Two Points	6.	4.
Overweight Permit	Fixed Length	0.	Zero Width		20.	Two Points	6.	4.
SU-4	Leading Load	0.	Zero Width		12.	Two Points	6.	
SU-4	Fixed Length	0.	Zero Width		8.	Two Points	6.	10.
SU-4	Fixed Length	0.	Zero Width		17.	Two Points	6.	4.
SU-4	Fixed Length	0.	Zero Width		17.	Two Points	6.	4.
SU-5	Leading Load	0.	Zero Width		12.	Two Points	6.	
SU-5	Fixed Length	0.	Zero Width		8.	Two Points	6.	10.
SU-5	Fixed Length	0.	Zero Width		8.	Two Points	6.	4.
SU-5	Fixed Length	0.	Zero Width		17.	Two Points	6.	4.
SU-5	Fixed Length	0.	Zero Width		17.	Two Points	6.	4.
SU-6	Leading Load	0.	Zero Width		11.5	Two Points	6.	
SU-6	Fixed Length	0.	Zero Width		8.	Two Points	6.	10.
SU-6	Fixed Length	0.	Zero Width		8.	Two Points	6.	4.
SU-6	Fixed Length	0.	Zero Width		17.	Two Points	6.	4.
SU-6	Fixed Length	0.	Zero Width		17.	Two Points	6.	4.
SU-6	Fixed Length	0.	Zero Width		8.	Two Points	6.	4.
SU-7	Leading Load	0.	Zero Width		11.5	Two Points	6.	
SU-7	Fixed Length	0.	Zero Width		8.	Two Points	6.	10.
SU-7	Fixed Length	0.	Zero Width		8.	Two Points	6.	4.
SU-7	Fixed Length	0.	Zero Width		17.	Two Points	6.	4.
SU-7	Fixed Length	0.	Zero Width		17.	Two Points	6.	4.
SU-7	Fixed Length	0.	Zero Width		8.	Two Points	6.	4.
SU-7	Fixed Length	0.	Zero Width		8.	Two Points	6.	4.
Type 3-3	Leading Load	0.	Fixed Width	10.	12.	Two Points	6.	
Type 3-3	Fixed Length	0.	Fixed Width	10.	12.	Two Points	6.	15.

Table 26: Vehicles 3 - General Vehicles 2 - Loads, Part 1 of 2

VehName	LoadType	InterUnif	UnifType	UnifWidth	InterAxle	AxleType	AxleWidth	InterMinD
		Kip/ft		ft	Kip		ft	ft
Type 3-3	Fixed Length	0.	Fixed Width	10.	12.	Two Points	6.	4.
Type 3-3	Fixed Length	0.	Fixed Width	10.	16.	Two Points	6.	15.
Type 3-3	Fixed Length	0.	Fixed Width	10.	14.	Two Points	6.	16.
Type 3-3	Fixed Length	0.	Fixed Width	10.	14.	Two Points	6.	4.
Type 3	Leading Load	0.	Fixed Width	10.	16.	Two Points	6.	
Type 3	Fixed Length	0.	Fixed Width	10.	17.	Two Points	6.	15.
Type 3	Fixed Length	0.	Fixed Width	10.	17.	Two Points	6.	4.
Type 3	Trailing Load	0.	Fixed Width	10.				
Type 3S2	Leading Load	0.	Fixed Width	10.	10.	Two Points	6.	
Type 3S2	Fixed Length	0.	Fixed Width	10.	15.5	Two Points	6.	11.
Type 3S2	Fixed Length	0.	Fixed Width	10.	15.5	Two Points	6.	4.
Type 3S2	Fixed Length	0.	Fixed Width	10.	15.5	Two Points	6.	22.
Type 3S2	Fixed Length	0.	Fixed Width	10.	15.5	Two Points	6.	4.
Type 3-3+Lane(200plf)	Leading Load	0.2	Fixed Width	10.	12.	Two Points	6.	
Type 3-3+Lane(200plf)	Fixed Length	0.2	Fixed Width	10.	12.	Two Points	6.	15.
Type 3-3+Lane(200plf)	Fixed Length	0.2	Fixed Width	10.	12.	Two Points	6.	4.
Type 3-3+Lane(200plf)	Fixed Length	0.2	Fixed Width	10.	16.	Two Points	6.	15.
Type 3-3+Lane(200plf)	Fixed Length	0.2	Fixed Width	10.	14.	Two Points	6.	16.
Type 3-3+Lane(200plf)	Fixed Length	0.2	Fixed Width	10.	14.	Two Points	6.	4.
Type 3-3+Lane(200plf)	Trailing Load	0.2	Fixed Width	10.				

Table 26: Vehicles 3 - General Vehicles 2 - Loads, Part 2 of 2

Table 26: Vehicles 3 - General Vehicles 2 - Loads, Part 2 of 2

VehName	InterMaxD
	ft
Annual Permit 1	
Annual Permit 1	
Annual Permit 1	
Annual Permit 1	
Annual Permit 1	
Annual Permit 1	
Annual Permit 1	

Table 26: Vehicles 3 - General Vehicles 2 - Loads, Part 2 of 2

VehName	InterMaxD
	ft
Annual Permit 1	
Annual Permit 2	
Annual Permit 2	
Annual Permit 2	
Annual Permit 2	
Annual Permit 2	
Annual Permit 2	
Annual Permit 2	
Annual Permit 2	
EV2	
EV2	
EV3	
EV3	
EV3	
Gravel Truck	
Gravel Truck	
Gravel Truck	
Gravel Truck	
HL-93	
HL-93	
HL-93	30.
HL-93	
HS-20	
HS-20	
HS-20	30.
HS-15	
HS-15	
HS-15	30.
Lane	
Neg - EV3	
Neg - EV3	
Neg - EV3	
Neg - EV3	
Neg - EV3	
Neg - EV3	
Neg - EV3	
Overweight Permit	
Overweight Permit	
Overweight Permit	
Overweight Permit	
Overweight Permit	

Table 26: Vehicles 3 - General Vehicles 2 - Loads, Part 2 of 2

VehName	InterMaxD ft
Overweight Permit	
Overweight Permit	
Overweight Permit	
Overweight Permit	
Overweight Permit	
Overweight Permit	
Overweight Permit	
Overweight Permit	
SU-4	
SU-4	
SU-4	
SU-4	
SU-5	
SU-5	
SU-5	
SU-5	
SU-5	
SU-6	
SU-6	
SU-6	
SU-6	
SU-6	
SU-6	
SU-7	
SU-7	
SU-7	
SU-7	
SU-7	
SU-7	
SU-7	
Type 3-3	
Type 3-3	
Type 3-3	
Type 3-3	
Type 3-3	
Type 3-3	
Type 3	
Type 3	
Type 3	
Type 3	
Type 3S2	
Type 3S2	
Type 3S2	
Type 3S2	
Type 3S2	

Table 26: Vehicles 3 - General Vehicles 2 - Loads, Part 2 of 2

VehName	InterMaxD ft
Type 3-3+Lane(200plf)	
Type 3-3+Lane(200plf)	
Type 3-3+Lane(200plf)	
Type 3-3+Lane(200plf)	
Type 3-3+Lane(200plf)	
Type 3-3+Lane(200plf)	
Type 3-3+Lane(200plf)	

Table 27: Vehicles 4 - Vehicle Classes

Table 27: Vehicles 4 - Vehicle Classes

VehClass	VehName	ScaleFactor
Annual Permit 1	Annual Permit 1	1.
Annual Permit 2	Annual Permit 2	1.
EV2	EV2	1.
EV3	EV3	1.
Gravel Truck	Gravel Truck	1.
HL-93	HL-93	1.
HS-20	HS-20	1.
HS-15	HS-15	1.
Lane	Lane	1.
Neg - EV3	Neg - EV3	1.
Overweight Permit	Overweight Permit	1.
SU-4	SU-4	1.
SU-5	SU-5	1.
SU-6	SU-6	1.
SU-7	SU-7	1.
Type 3-3	Type 3-3	1.
Type 3	Type 3	1.
Type 3S2	Type 3S2	1.
Type 3-3+Lane(200plf)	Type 3-3+Lane(200plf)	1.

4.3. Bridge loading

Table 28: Bridge Load Definitions 03 - Area, Part 1 of 2

Table 28: Bridge Load Definitions 03 - Area, Part 1 of 2

Name	Type	CoordSys	Dir	RefLocLft	DistLft	RefLocRgt
					ft	
Huanch load	Force	GLOBAL	Gravity	Left Edge of Deck	0.	Right Edge of Deck
Rail + MISC_sw	Force	GLOBAL	Gravity	Left Edge of Deck	0.	Right Edge of Deck
Sacrificial WS Load	Force	GLOBAL	Gravity	Left Edge of Deck	0.	Right Edge of Deck
SIP Load	Force	GLOBAL	Gravity	Left Edge of Deck	0.	Right Edge of Deck
Stringer Load	Force	GLOBAL	Gravity	Left Edge of Deck	0.	Right Edge of Deck
Utility Load	Force	GLOBAL	Gravity	Left Edge of Deck	0.	Right Edge of Deck
Wearing Surface Load	Force	GLOBAL	Gravity	Left Edge of Deck	0.	Right Edge of Deck

Table 28: Bridge Load Definitions 03 - Area, Part 2 of 2

Table 28: Bridge Load Definitions 03 - Area, Part 2 of 2

Name	DistRgt	FOverL2Lft	FOverL2Rgt
	ft	Kip/ft2	Kip/ft2
Huanch load	0.	0.015	0.015
Rail + MISC_sw	0.	7.400E-03	7.400E-03
Sacrificial WS Load	0.	1.000E-08	1.000E-08
SIP Load	0.	1.000E-08	1.000E-08
Stringer Load	0.	5.750E-03	5.750E-03
Utility Load	0.	2.740E-03	2.740E-03
Wearing Surface Load	0.	0.027	0.027

5. Load cases

This section provides load case information.

5.1. Definitions

Table 29: Load Case Definitions, Part 1 of 2

Table 29: Load Case Definitions, Part 1 of 2

Case	Type	MLFactVert	InitialCond	MLFactBrake	ModalCase	MLFactCentr
LC_Dead Load	LinStatic		Zero			
LC_Wearing Surface Load	LinStatic		Zero			
LC_HL93	LinMoving	1.	Zero	0.		1.
LC_HS20	LinMoving	1.	Zero	0.		1.
LC_Lane	LinMoving	1.	Zero	0.		1.
LC_SU4	LinMoving	1.	Zero	0.		1.
LC_SU5	LinMoving	1.	Zero	0.		1.

Table 29: Load Case Definitions, Part 1 of 2

Case	Type	MLFactVert	InitialCond	MLFactBrake	ModalCase	MLFactCentr
LC_SU6	LinMoving	1.	Zero	0.		1.
LC_SU7	LinMoving	1.	Zero	0.		1.
LC_Type 3	LinMoving	1.	Zero	0.		1.
LC_Type 3S2	LinMoving	1.	Zero	0.		1.
LC_Type 3-3	LinMoving	1.	Zero	0.		1.
LC_EV2	LinMoving	1.	Zero	0.		1.
LC_EV3	LinMoving	1.	Zero	0.		1.
LC_EV3-Neg	LinMoving	1.	Zero	0.		1.
LC_Gravel Truck	LinMoving	1.	Zero	0.		1.
LC_Annual Permit 1	LinMoving	1.	Zero	0.		1.
LC_Annual Permit 2	LinMoving	1.	Zero	0.		1.
LC_Overweight Permit	LinMoving	1.	Zero	0.		1.
LC_HS15	LinMoving	1.	Zero	0.		1.
LC_Type 3-3+Lane	LinMoving	1.	Zero	0.		1.

Table 29: Load Case Definitions, Part 2 of 2

Table 29: Load Case Definitions, Part 2 of 2

Case	BaseCase	DesActOpt	MassSource	DesignAct
LC_Dead Load		Prog Det		Non-Composite
LC_Wearing Surface Load		Prog Det		Long-Term Composite
LC_HL93		Prog Det		Short-Term Composite
LC_HS20		Prog Det		Short-Term Composite
LC_Lane		Prog Det		Short-Term Composite
LC_SU4		Prog Det		Short-Term Composite
LC_SU5		Prog Det		Short-Term Composite
LC_SU6		Prog Det		Short-Term Composite
LC_SU7		Prog Det		Short-Term Composite
LC_Type 3		Prog Det		Short-Term Composite
LC_Type 3S2		Prog Det		Short-Term Composite
LC_Type 3-3		Prog Det		Short-Term Composite
LC_EV2		Prog Det		Short-Term Composite
LC_EV3		Prog Det		Short-Term Composite
LC_EV3-Neg		Prog Det		Short-Term Composite
LC_Gravel Truck		Prog Det		Short-Term Composite

Table 29: Load Case Definitions, Part 2 of 2

Case	BaseCase	DesActOpt	MassSource	DesignAct
LC_Annual Permit 1		Prog Det		Short-Term Composite
LC_Annual Permit 2		Prog Det		Short-Term Composite
LC_Overweight Permit		Prog Det		Short-Term Composite
LC_HS15		Prog Det		Short-Term Composite
LC_Type 3-3+Lane		Prog Det		Short-Term Composite

5.2. Static case load assignments

Table 30: Case - Static 1 - Load Assignments

Table 30: Case - Static 1 - Load Assignments

Case	LoadType	LoadName	LoadSF
LC_Dead Load	Load pattern	Dead Load	1.
LC_Dead Load	Load pattern	Barrier	1.
LC_Wearing Surface Load	Load pattern	DW	1.

6. Load combinations

This section provides load combination information.

Table 31: Combination Definitions

Table 31: Combination Definitions

ComboName	ComboType	CaseName	ScaleFactor
Design Lcomb	Linear Add	LC_Dead Load	1.25
Design Lcomb		LC_Wearing Surface Load	1.25
Design Lcomb		LC_HL93	1.35
Lcomb_Dead	Linear Add	LC_Dead Load	1.25
Lcomb_Wearing Surface	Linear Add	LC_Wearing Surface Load	1.25
Lcomb_HL93_opr	Linear Add	LC_HL93	1.35
Lcomb_HL93_inv	Linear Add	LC_HL93	1.75
Lcomb_HS20_opr	Linear Add	LC_HS20	1.35
Lcomb_HS20_inv	Linear Add	LC_HS20	1.75
Lcomb_HS15_opr	Linear Add	LC_HS15	1.35
Lcomb_HS15_inv	Linear Add	LC_HS15	1.75

Table 31: Combination Definitions

ComboName	ComboType	CaseName	ScaleFactor
Lcomb_Lane_opr	Linear Add	LC_Lane	1.35
Lcomb_Lane_inv	Linear Add	LC_Lane	1.75
Lcomb_SU4	Linear Add	LC_SU4	1.45
Lcomb_SU5	Linear Add	LC_SU5	1.45
Lcomb_SU6	Linear Add	LC_SU6	1.45
Lcomb_SU7	Linear Add	LC_SU7	1.45
Lcomb_Type 3	Linear Add	LC_Type 3	1.45
Lcomb_Type 3S2	Linear Add	LC_Type 3S2	1.45
Lcomb_Type 3-3	Linear Add	LC_Type 3-3	1.45
Lcomb_Type EV2	Linear Add	LC_EV2	1.45
Lcomb_Type EV3	Linear Add	LC_EV3	1.45
Lcomb_Type EV3-neg	Linear Add	LC_EV3-Neg	1.45
Lcomb_Gravel Truck	Linear Add	LC_Gravel Truck	1.45
Lcomb_Annual Perm 1	Linear Add	LC_Annual Permit 1	1.45
Lcomb_Annual Perm 2	Linear Add	LC_Annual Permit 2	1.45
Lcomb_Overweight Perm	Linear Add	LC_Overweight Permit	1.2
Lcomb_Dead_serv	Linear Add	LC_Dead Load	1.
Lcomb_Wearing Surface_serv	Linear Add	LC_Wearing Surface Load	1.
Lcomb_HL93_opr_serv	Linear Add	LC_HL93	1.
Lcomb_HL93_inv_serv	Linear Add	LC_HL93	1.3
Lcomb_HS20_opr_serv	Linear Add	LC_HS20	1.
Lcomb_HS20_inv_serv	Linear Add	LC_HS20	1.3
Lcomb_HS15_opr_serv	Linear Add	LC_HS15	1.
Lcomb_HS15_inv_serv	Linear Add	LC_HS15	1.3
Lcomb_Lane_opr_serv	Linear Add	LC_Lane	1.
Lcomb_Lane_inv_serv	Linear Add	LC_Lane	1.3
Lcomb_SU4_serv	Linear Add	LC_SU4	1.3
Lcomb_SU5_serv	Linear Add	LC_SU5	1.3
Lcomb_SU6_serv	Linear Add	LC_SU6	1.3
Lcomb_SU7_serv	Linear Add	LC_SU7	1.3
Lcomb_Type 3_serv	Linear Add	LC_Type 3	1.3
Lcomb_Type 3S2_serv	Linear Add	LC_Type 3S2	1.3
Lcomb_Type 3-3_serv	Linear Add	LC_Type 3-3	1.3

Table 31: Combination Definitions

ComboName	ComboType	CaseName	ScaleFactor
Lcomb_EV 2_serv	Linear Add	LC_EV2	1.3
Lcomb_EV 3_serv	Linear Add	LC_EV3	1.3
Lcomb_EV 3-neg_serv	Linear Add	LC_EV3-Neg	1.3
Lcomb_Gravel Truck_serv	Linear Add	LC_Gravel Truck	1.3
Lcomb_Annual Perm 1_serv	Linear Add	LC_Annual Permit 1	1.
Lcomb_Annual Perm 2_serv	Linear Add	LC_Annual Permit 2	1.
Lcomb_Overweight Permit_serv	Linear Add	LC_Overweight Permit	1.
Lcomb_Type 3-3+Lane	Linear Add	LC_Type 3-3+Lane	1.45
Lcomb_Type 3-3+Lane_serv	Linear Add	LC_Type 3-3+Lane	1.3

7. Structure results

This section provides structure results, including items such as structural periods and base reactions.

7.1. Base reactions

Table 32: Base Reactions

Table 32: Base Reactions

OutputCase	GlobalFX	GlobalFY	GlobalFZ	GlobalMX	GlobalMY	GlobalMZ
	Kip	Kip	Kip	Kip-ft	Kip-ft	Kip-ft
LC_Dead Load	0.	0.	1900.478	1.376E-04	-731683.94	0.
LC_Wearing Surface Load	0.	0.	295.599	1.858E-05	-113805.76	0.

8. Joint results

This section provides joint results, including items such as displacements and reactions.

Table 33: Joint Reactions

Table 33: Joint Reactions

Joint	OutputCase	F1	F2	F3	M1	M2	M3
		Kip	Kip	Kip	Kip-ft	Kip-ft	Kip-ft
46	LC_Dead Load	238.412	0.	-1.460E-14	0.	0.	0.
46	LC_Wearing Surface Load	39.313	0.	-2.407E-15	0.	0.	0.
47	LC_Dead Load	236.708	0.	-1.449E-14	0.	0.	0.
47	LC_Wearing Surface Load	34.587	0.	-2.118E-15	0.	0.	0.
48	LC_Dead Load	236.708	0.	-1.449E-14	0.	0.	0.
48	LC_Wearing Surface Load	34.587	0.	-2.118E-15	0.	0.	0.
49	LC_Dead Load	238.412	0.	-1.460E-14	0.	0.	0.
49	LC_Wearing Surface Load	39.313	0.	-2.407E-15	0.	0.	0.
1897	LC_Dead Load	238.412	0.	-1.460E-14	0.	0.	0.
1897	LC_Wearing Surface Load	39.313	0.	-2.407E-15	0.	0.	0.
1898	LC_Dead Load	236.708	0.	-1.449E-14	0.	0.	0.
1898	LC_Wearing Surface Load	34.587	0.	-2.118E-15	0.	0.	0.
1899	LC_Dead Load	236.708	0.	-1.449E-14	0.	0.	0.
1899	LC_Wearing Surface Load	34.587	0.	-2.118E-15	0.	0.	0.
1900	LC_Dead Load	238.412	0.	-1.460E-14	0.	0.	0.
1900	LC_Wearing Surface Load	39.313	0.	-2.407E-15	0.	0.	0.
1927	LC_Dead Load	0.	0.	0.	0.	0.	0.
1927	LC_Wearing Surface Load	0.	0.	0.	0.	0.	0.
1928	LC_Dead Load	0.	0.	0.	0.	0.	0.
1928	LC_Wearing Surface Load	0.	0.	0.	0.	0.	0.
1929	LC_Dead Load	0.	0.	0.	0.	0.	0.

Table 33: Joint Reactions

Joint	OutputCase	F1	F2	F3	M1	M2	M3
		Kip	Kip	Kip	Kip-ft	Kip-ft	Kip-ft
1929	LC_Wearing Surface Load	0.	0.	0.	0.	0.	0.
1930	LC_Dead Load	0.	0.	0.	0.	0.	0.
1930	LC_Wearing Surface Load	0.	0.	0.	0.	0.	0.
1931	LC_Dead Load	0.	0.	0.	0.	0.	0.
1931	LC_Wearing Surface Load	0.	0.	0.	0.	0.	0.
1933	LC_Dead Load	0.	0.	0.	0.	0.	0.
1933	LC_Wearing Surface Load	0.	0.	0.	0.	0.	0.
1935	LC_Dead Load	0.	0.	0.	0.	0.	0.
1935	LC_Wearing Surface Load	0.	0.	0.	0.	0.	0.
1937	LC_Dead Load	0.	0.	0.	0.	0.	0.
1937	LC_Wearing Surface Load	0.	0.	0.	0.	0.	0.
1939	LC_Dead Load	0.	0.	0.	0.	0.	0.
1939	LC_Wearing Surface Load	0.	0.	0.	0.	0.	0.
1941	LC_Dead Load	0.	0.	0.	0.	0.	0.
1941	LC_Wearing Surface Load	0.	0.	0.	0.	0.	0.
1943	LC_Dead Load	0.	0.	0.	0.	0.	0.
1943	LC_Wearing Surface Load	0.	0.	0.	0.	0.	0.
1945	LC_Dead Load	0.	0.	0.	0.	0.	0.
1945	LC_Wearing Surface Load	0.	0.	0.	0.	0.	0.

9. Bridge object forces

This section provides bridge object forces at the program determined section cuts.

Table 34: Bridge Object Forces, Part 1 of 3

Table 34: Bridge Object Forces, Part 1 of 3

BridgeObj	BridgeCut	Distance	LocType	OutputCase	CaseType	P	V2	V3
		ft				Kip	Kip	Kip
BOBJ1	1	0.	After	LC_Dead Load	LinStatic	-13.671	-922.386	-5.189E-06
BOBJ1	2	11.25	Before	LC_Dead Load	LinStatic	-13.671	-819.663	-5.189E-06
BOBJ1	3	11.25	After	LC_Dead Load	LinStatic	-13.671	-794.213	-5.189E-06
BOBJ1	4	22.5	Before	LC_Dead Load	LinStatic	-13.671	-691.49	-5.189E-06
BOBJ1	5	22.5	After	LC_Dead Load	LinStatic	-26.896	-650.125	9.484E-06
BOBJ1	6	33.75	Before	LC_Dead Load	LinStatic	-26.896	-547.402	9.484E-06
BOBJ1	7	33.75	After	LC_Dead Load	LinStatic	-26.896	-528.933	9.484E-06
BOBJ1	10	45.	Before	LC_Dead Load	LinStatic	-26.896	-400.485	9.484E-06

Table 34: Bridge Object Forces, Part 1 of 3

BridgeObj	BridgeCut	Distance	LocType	OutputCase	CaseType	P	V2	V3
		ft				Kip	Kip	Kip
BOBJ1	11	45.	After	LC_Dead Load	LinStatic	-24.433	-364.886	1.498E-05
BOBJ1	12	56.25	Before	LC_Dead Load	LinStatic	-24.433	-238.464	1.498E-05
BOBJ1	13	56.25	After	LC_Dead Load	LinStatic	-24.433	-213.014	1.498E-05
BOBJ1	14	67.5	Before	LC_Dead Load	LinStatic	-24.433	-86.592	1.498E-05
BOBJ1	15	67.5	After	LC_Dead Load	LinStatic	-26.158	-45.237	-1.319E-05
BOBJ1	16	78.75	Before	LC_Dead Load	LinStatic	-26.158	81.185	-1.319E-05
BOBJ1	17	78.75	After	LC_Dead Load	LinStatic	-26.158	106.636	-1.319E-05
BOBJ1	18	90.	Before	LC_Dead Load	LinStatic	-26.158	233.057	-1.319E-05
BOBJ1	19	90.	After	LC_Dead Load	LinStatic	-21.777	274.412	-7.694E-06
BOBJ1	20	101.25	Before	LC_Dead Load	LinStatic	-21.777	400.834	-7.694E-06
BOBJ1	21	101.25	After	LC_Dead Load	LinStatic	-21.777	426.285	-7.694E-06
BOBJ1	22	112.5	Before	LC_Dead Load	LinStatic	-21.777	552.707	-7.694E-06
BOBJ1	23	112.5	After	LC_Dead Load	LinStatic	-14.891	594.055	2.193E-08
BOBJ1	24	123.75	Before	LC_Dead Load	LinStatic	-14.891	720.477	2.191E-08
BOBJ1	25	123.75	After	LC_Dead Load	LinStatic	-14.891	736.242	2.193E-08
BOBJ1	28	135.	Before	LC_Dead Load	LinStatic	-14.891	857.359	2.191E-08
BOBJ1	29	135.	After	LC_Dead Load	LinStatic	3.233	895.678	-8.862E-06
BOBJ1	30	146.25	Before	LC_Dead Load	LinStatic	3.233	998.401	-8.862E-06
BOBJ1	31	146.25	After	LC_Dead Load	LinStatic	3.233	1023.852	-8.862E-06
BOBJ1	32	157.5	Before	LC_Dead Load	LinStatic	3.233	1126.575	-8.862E-06
BOBJ1	33	157.5	After	LC_Dead Load	LinStatic	27.817	1167.31	1.214E-06
BOBJ1	36	168.75	Before	LC_Dead Load	LinStatic	27.817	1283.766	1.214E-06
BOBJ1	37	168.75	After	LC_Dead Load	LinStatic	27.817	1297.054	1.214E-06
BOBJ1	38	180.	Before	LC_Dead Load	LinStatic	27.817	1422.55	1.214E-06
BOBJ1	39	180.	After	LC_Dead Load	LinStatic	31.492	1454.835	9.047E-06
BOBJ1	42	191.25	Before	LC_Dead Load	LinStatic	31.492	1616.323	9.047E-06
BOBJ1	43	191.25	After	LC_Dead Load	LinStatic	31.492	1635.276	9.047E-06
BOBJ1	46	202.5	Before	LC_Dead Load	LinStatic	31.492	1812.297	9.047E-06
BOBJ1	47	202.5	After	LC_Dead Load	LinStatic	38.786	1840.232	3.628E-06
BOBJ1	50	213.75	Before	LC_Dead Load	LinStatic	38.786	2046.634	3.628E-06

Table 34: Bridge Object Forces, Part 1 of 3

BridgeObj	BridgeCut	Distance	LocType	OutputCase	CaseType	P	V2	V3
		ft				Kip	Kip	Kip
BOBJ1	51	213.75	After	LC_Dead Load	LinStatic	38.786	2062.963	3.628E-06
BOBJ1	52	225.	Before	LC_Dead Load	LinStatic	38.786	2276.584	3.628E-06
BOBJ1	53	225.	After	LC_Dead Load	LinStatic	38.678	-2611.012	2.132E-06
BOBJ1	54	236.45	Before	LC_Dead Load	LinStatic	38.678	-2380.641	2.132E-06
BOBJ1	55	236.45	After	LC_Dead Load	LinStatic	38.678	-2370.706	2.132E-06
BOBJ1	58	247.9	Before	LC_Dead Load	LinStatic	38.678	-2161.091	2.132E-06
BOBJ1	59	247.9	After	LC_Dead Load	LinStatic	23.732	-2123.655	1.081E-06
BOBJ1	62	259.3	Before	LC_Dead Load	LinStatic	23.732	-1924.428	1.081E-06
BOBJ1	63	259.3	After	LC_Dead Load	LinStatic	23.732	-1915.849	1.081E-06
BOBJ1	66	270.7	Before	LC_Dead Load	LinStatic	23.732	-1756.155	1.081E-06
BOBJ1	67	270.7	After	LC_Dead Load	LinStatic	13.127	-1731.632	-1.298E-06
BOBJ1	70	282.15	Before	LC_Dead Load	LinStatic	13.127	-1608.084	-1.298E-06
BOBJ1	71	282.15	After	LC_Dead Load	LinStatic	13.127	-1592.036	-1.298E-06
BOBJ1	72	293.6	Before	LC_Dead Load	LinStatic	13.127	-1474.536	-1.298E-06
BOBJ1	73	293.6	After	LC_Dead Load	LinStatic	-24.278	-1445.672	1.422E-06
BOBJ1	74	305.	Before	LC_Dead Load	LinStatic	-24.278	-1328.685	1.422E-06
BOBJ1	75	305.	After	LC_Dead Load	LinStatic	-24.278	-1320.025	1.422E-06
BOBJ1	78	316.4	Before	LC_Dead Load	LinStatic	-24.278	-1180.025	1.422E-06
BOBJ1	79	316.4	After	LC_Dead Load	LinStatic	-29.274	-1146.984	7.403E-06
BOBJ1	80	327.85	Before	LC_Dead Load	LinStatic	-29.274	-1001.586	7.403E-06
BOBJ1	81	327.85	After	LC_Dead Load	LinStatic	-29.274	-988.634	7.402E-06
BOBJ1	82	339.3	Before	LC_Dead Load	LinStatic	-29.274	-810.202	7.403E-06
BOBJ1	83	339.3	After	LC_Dead Load	LinStatic	-32.656	-781.357	3.333E-06
BOBJ1	84	350.7	Before	LC_Dead Load	LinStatic	-32.656	-603.692	3.333E-06
BOBJ1	85	350.7	After	LC_Dead Load	LinStatic	-32.656	-590.797	3.333E-06
BOBJ1	86	362.1	Before	LC_Dead Load	LinStatic	-32.656	-413.131	3.333E-06
BOBJ1	87	362.1	After	LC_Dead Load	LinStatic	-37.58	-384.281	2.544E-06
BOBJ1	88	373.55	Before	LC_Dead Load	LinStatic	-37.58	-205.836	2.544E-06
BOBJ1	89	373.55	After	LC_Dead Load	LinStatic	-37.58	-192.885	2.544E-06
BOBJ1	90	385.	Before	LC_Dead Load	LinStatic	-37.58	-14.44	2.544E-06

Table 34: Bridge Object Forces, Part 1 of 3

BridgeObj	BridgeCut	Distance	LocType	OutputCase	CaseType	P	V2	V3
		ft				Kip	Kip	Kip
BOBJ1	91	385.	After	LC_Dead Load	LinStatic	-37.58	14.44	2.014E-06
BOBJ1	92	396.45	Before	LC_Dead Load	LinStatic	-37.58	192.885	2.014E-06
BOBJ1	93	396.45	After	LC_Dead Load	LinStatic	-37.58	205.836	2.014E-06
BOBJ1	94	407.9	Before	LC_Dead Load	LinStatic	-37.58	384.281	2.014E-06
BOBJ1	95	407.9	After	LC_Dead Load	LinStatic	-32.656	413.131	-2.611E-07
BOBJ1	96	419.3	Before	LC_Dead Load	LinStatic	-32.656	590.797	-2.610E-07
BOBJ1	97	419.3	After	LC_Dead Load	LinStatic	-32.656	603.692	-2.610E-07
BOBJ1	98	430.7	Before	LC_Dead Load	LinStatic	-32.656	781.357	-2.609E-07
BOBJ1	99	430.7	After	LC_Dead Load	LinStatic	-29.274	810.202	-2.512E-06
BOBJ1	100	442.15	Before	LC_Dead Load	LinStatic	-29.274	988.634	-2.512E-06
BOBJ1	101	442.15	After	LC_Dead Load	LinStatic	-29.274	1001.586	-2.512E-06
BOBJ1	102	453.6	Before	LC_Dead Load	LinStatic	-29.274	1146.984	-2.512E-06
BOBJ1	103	453.6	After	LC_Dead Load	LinStatic	-24.278	1180.025	6.347E-06
BOBJ1	106	465.	Before	LC_Dead Load	LinStatic	-24.278	1320.025	6.347E-06
BOBJ1	107	465.	After	LC_Dead Load	LinStatic	-24.278	1328.685	6.347E-06
BOBJ1	108	476.4	Before	LC_Dead Load	LinStatic	-24.278	1445.672	6.347E-06
BOBJ1	109	476.4	After	LC_Dead Load	LinStatic	13.127	1474.536	3.092E-06
BOBJ1	110	487.85	Before	LC_Dead Load	LinStatic	13.127	1592.036	3.092E-06
BOBJ1	111	487.85	After	LC_Dead Load	LinStatic	13.127	1608.084	3.092E-06
BOBJ1	114	499.3	Before	LC_Dead Load	LinStatic	13.127	1731.632	3.092E-06
BOBJ1	115	499.3	After	LC_Dead Load	LinStatic	23.732	1756.155	3.449E-06
BOBJ1	118	510.7	Before	LC_Dead Load	LinStatic	23.732	1915.849	3.449E-06
BOBJ1	119	510.7	After	LC_Dead Load	LinStatic	23.732	1924.428	3.449E-06
BOBJ1	122	522.1	Before	LC_Dead Load	LinStatic	23.732	2123.655	3.449E-06
BOBJ1	123	522.1	After	LC_Dead Load	LinStatic	38.678	2161.091	6.481E-06
BOBJ1	126	533.55	Before	LC_Dead Load	LinStatic	38.678	2370.706	6.481E-06
BOBJ1	127	533.55	After	LC_Dead Load	LinStatic	38.678	2380.641	6.481E-06
BOBJ1	128	545.	Before	LC_Dead Load	LinStatic	38.678	2611.012	6.481E-06
BOBJ1	129	545.	After	LC_Dead Load	LinStatic	38.786	-2276.584	5.859E-07
BOBJ1	130	556.25	Before	LC_Dead Load	LinStatic	38.786	-2062.963	5.859E-07

Table 34: Bridge Object Forces, Part 1 of 3

BridgeObj	BridgeCut	Distance	LocType	OutputCase	CaseType	P	V2	V3
		ft				Kip	Kip	Kip
BOBJ1	131	556.25	After	LC_Dead Load	LinStatic	38.786	-2046.634	5.859E-07
BOBJ1	134	567.5	Before	LC_Dead Load	LinStatic	38.786	-1840.232	5.859E-07
BOBJ1	135	567.5	After	LC_Dead Load	LinStatic	31.492	-1812.297	3.695E-07
BOBJ1	138	578.75	Before	LC_Dead Load	LinStatic	31.492	-1635.276	3.695E-07
BOBJ1	139	578.75	After	LC_Dead Load	LinStatic	31.492	-1616.323	3.695E-07
BOBJ1	142	590.	Before	LC_Dead Load	LinStatic	31.492	-1454.835	3.695E-07
BOBJ1	143	590.	After	LC_Dead Load	LinStatic	27.817	-1422.55	9.216E-07
BOBJ1	144	601.25	Before	LC_Dead Load	LinStatic	27.817	-1297.054	9.216E-07
BOBJ1	145	601.25	After	LC_Dead Load	LinStatic	27.817	-1283.766	9.216E-07
BOBJ1	148	612.5	Before	LC_Dead Load	LinStatic	27.817	-1167.31	9.216E-07
BOBJ1	149	612.5	After	LC_Dead Load	LinStatic	3.233	-1126.575	1.712E-06
BOBJ1	150	623.75	Before	LC_Dead Load	LinStatic	3.233	-1023.852	1.712E-06
BOBJ1	151	623.75	After	LC_Dead Load	LinStatic	3.233	-998.401	1.712E-06
BOBJ1	152	635.	Before	LC_Dead Load	LinStatic	3.233	-895.679	1.712E-06
BOBJ1	153	635.	After	LC_Dead Load	LinStatic	-14.891	-857.359	2.657E-06
BOBJ1	156	646.25	Before	LC_Dead Load	LinStatic	-14.891	-736.242	2.657E-06
BOBJ1	157	646.25	After	LC_Dead Load	LinStatic	-14.891	-720.477	2.657E-06
BOBJ1	158	657.5	Before	LC_Dead Load	LinStatic	-14.891	-594.055	2.657E-06
BOBJ1	159	657.5	After	LC_Dead Load	LinStatic	-21.777	-552.707	-8.127E-06
BOBJ1	160	668.75	Before	LC_Dead Load	LinStatic	-21.777	-426.285	-8.127E-06
BOBJ1	161	668.75	After	LC_Dead Load	LinStatic	-21.777	-400.834	-8.127E-06
BOBJ1	162	680.	Before	LC_Dead Load	LinStatic	-21.777	-274.412	-8.127E-06
BOBJ1	163	680.	After	LC_Dead Load	LinStatic	-26.158	-233.057	4.798E-06
BOBJ1	164	691.25	Before	LC_Dead Load	LinStatic	-26.158	-106.636	4.798E-06
BOBJ1	165	691.25	After	LC_Dead Load	LinStatic	-26.158	-81.185	4.798E-06
BOBJ1	166	702.5	Before	LC_Dead Load	LinStatic	-26.158	45.237	4.798E-06
BOBJ1	167	702.5	After	LC_Dead Load	LinStatic	-24.433	86.592	1.998E-06
BOBJ1	168	713.75	Before	LC_Dead Load	LinStatic	-24.433	213.014	1.998E-06
BOBJ1	169	713.75	After	LC_Dead Load	LinStatic	-24.433	238.464	1.998E-06
BOBJ1	170	725.	Before	LC_Dead Load	LinStatic	-24.433	364.886	1.998E-06

Table 34: Bridge Object Forces, Part 1 of 3

BridgeObj	BridgeCut	Distance	LocType	OutputCase	CaseType	P	V2	V3
		ft				Kip	Kip	Kip
BOBJ1	171	725.	After	LC_Dead Load	LinStatic	-26.896	400.485	1.118E-05
BOBJ1	174	736.25	Before	LC_Dead Load	LinStatic	-26.896	528.933	1.118E-05
BOBJ1	175	736.25	After	LC_Dead Load	LinStatic	-26.896	547.402	1.118E-05
BOBJ1	176	747.5	Before	LC_Dead Load	LinStatic	-26.896	650.125	1.118E-05
BOBJ1	177	747.5	After	LC_Dead Load	LinStatic	-13.671	691.49	1.993E-05
BOBJ1	178	758.75	Before	LC_Dead Load	LinStatic	-13.671	794.213	1.993E-05
BOBJ1	179	758.75	After	LC_Dead Load	LinStatic	-13.671	819.663	1.993E-05
BOBJ1	180	770.	Before	LC_Dead Load	LinStatic	-13.671	922.386	1.993E-05
BOBJ1	1	0.	After	LC_Wearing Surface Load	LinStatic	-2.045	-136.774	-1.418E-07
BOBJ1	2	11.25	Before	LC_Wearing Surface Load	LinStatic	-2.045	-136.774	-1.418E-07
BOBJ1	3	11.25	After	LC_Wearing Surface Load	LinStatic	-2.045	-114.724	-1.418E-07
BOBJ1	4	22.5	Before	LC_Wearing Surface Load	LinStatic	-2.045	-114.724	-1.418E-07
BOBJ1	5	22.5	After	LC_Wearing Surface Load	LinStatic	-4.073	-92.671	5.206E-07
BOBJ1	6	33.75	Before	LC_Wearing Surface Load	LinStatic	-4.073	-92.671	5.206E-07
BOBJ1	7	33.75	After	LC_Wearing Surface Load	LinStatic	-4.073	-76.67	5.206E-07
BOBJ1	10	45.	Before	LC_Wearing Surface Load	LinStatic	-4.073	-65.645	5.206E-07
BOBJ1	11	45.	After	LC_Wearing Surface Load	LinStatic	-3.622	-48.572	1.180E-06
BOBJ1	12	56.25	Before	LC_Wearing Surface Load	LinStatic	-3.622	-48.572	1.180E-06
BOBJ1	13	56.25	After	LC_Wearing Surface Load	LinStatic	-3.622	-26.522	1.180E-06
BOBJ1	14	67.5	Before	LC_Wearing Surface Load	LinStatic	-3.622	-26.522	1.180E-06
BOBJ1	15	67.5	After	LC_Wearing Surface Load	LinStatic	-3.947	-4.471	-3.001E-06
BOBJ1	16	78.75	Before	LC_Wearing Surface Load	LinStatic	-3.947	-4.471	-3.001E-06
BOBJ1	17	78.75	After	LC_Wearing Surface Load	LinStatic	-3.947	17.58	-3.001E-06
BOBJ1	18	90.	Before	LC_Wearing Surface Load	LinStatic	-3.947	17.58	-3.001E-06
BOBJ1	19	90.	After	LC_Wearing Surface Load	LinStatic	-3.432	39.63	1.148E-06
BOBJ1	20	101.25	Before	LC_Wearing Surface Load	LinStatic	-3.432	39.63	1.148E-06
BOBJ1	21	101.25	After	LC_Wearing Surface Load	LinStatic	-3.432	61.681	1.148E-06
BOBJ1	22	112.5	Before	LC_Wearing Surface Load	LinStatic	-3.432	61.681	1.148E-06
BOBJ1	23	112.5	After	LC_Wearing Surface Load	LinStatic	-2.789	83.73	-3.205E-07
BOBJ1	24	123.75	Before	LC_Wearing Surface Load	LinStatic	-2.789	83.73	-3.205E-07

Table 34: Bridge Object Forces, Part 1 of 3

BridgeObj	BridgeCut	Distance	LocType	OutputCase	CaseType	P	V2	V3
		ft				Kip	Kip	Kip
BOBJ1	25	123.75	After	LC_Wearing Surface Load	LinStatic	-2.789	97.39	-3.205E-07
BOBJ1	28	135.	Before	LC_Wearing Surface Load	LinStatic	-2.789	108.415	-3.205E-07
BOBJ1	29	135.	After	LC_Wearing Surface Load	LinStatic	-0.734	127.832	-1.623E-06
BOBJ1	30	146.25	Before	LC_Wearing Surface Load	LinStatic	-0.734	127.832	-1.623E-06
BOBJ1	31	146.25	After	LC_Wearing Surface Load	LinStatic	-0.734	149.883	-1.623E-06
BOBJ1	32	157.5	Before	LC_Wearing Surface Load	LinStatic	-0.734	149.883	-1.623E-06
BOBJ1	33	157.5	After	LC_Wearing Surface Load	LinStatic	2.952	171.44	8.679E-07
BOBJ1	36	168.75	Before	LC_Wearing Surface Load	LinStatic	2.952	182.465	8.679E-07
BOBJ1	37	168.75	After	LC_Wearing Surface Load	LinStatic	2.952	193.978	8.679E-07
BOBJ1	38	180.	Before	LC_Wearing Surface Load	LinStatic	2.952	193.978	8.679E-07
BOBJ1	39	180.	After	LC_Wearing Surface Load	LinStatic	3.979	208.13	1.056E-06
BOBJ1	42	191.25	Before	LC_Wearing Surface Load	LinStatic	3.979	219.156	1.056E-06
BOBJ1	43	191.25	After	LC_Wearing Surface Load	LinStatic	3.979	235.576	1.056E-06
BOBJ1	46	202.5	Before	LC_Wearing Surface Load	LinStatic	3.979	246.602	1.056E-06
BOBJ1	47	202.5	After	LC_Wearing Surface Load	LinStatic	5.056	257.013	3.826E-07
BOBJ1	50	213.75	Before	LC_Wearing Surface Load	LinStatic	5.056	268.039	3.826E-07
BOBJ1	51	213.75	After	LC_Wearing Surface Load	LinStatic	5.056	282.186	3.826E-07
BOBJ1	52	225.	Before	LC_Wearing Surface Load	LinStatic	5.056	282.186	3.826E-07
BOBJ1	53	225.	After	LC_Wearing Surface Load	LinStatic	5.13	-307.997	2.230E-07
BOBJ1	54	236.45	Before	LC_Wearing Surface Load	LinStatic	5.13	-296.776	2.230E-07
BOBJ1	55	236.45	After	LC_Wearing Surface Load	LinStatic	5.13	-288.168	2.230E-07
BOBJ1	58	247.9	Before	LC_Wearing Surface Load	LinStatic	5.13	-276.947	2.230E-07
BOBJ1	59	247.9	After	LC_Wearing Surface Load	LinStatic	3.31	-258.315	6.272E-08
BOBJ1	62	259.3	Before	LC_Wearing Surface Load	LinStatic	3.31	-247.143	6.271E-08
BOBJ1	63	259.3	After	LC_Wearing Surface Load	LinStatic	3.31	-239.71	6.272E-08
BOBJ1	66	270.7	Before	LC_Wearing Surface Load	LinStatic	3.31	-228.538	6.272E-08
BOBJ1	67	270.7	After	LC_Wearing Surface Load	LinStatic	2.245	-221.102	-3.160E-07
BOBJ1	70	282.15	Before	LC_Wearing Surface Load	LinStatic	2.245	-209.88	-3.160E-07
BOBJ1	71	282.15	After	LC_Wearing Surface Load	LinStatic	2.245	-195.976	-3.160E-07
BOBJ1	72	293.6	Before	LC_Wearing Surface Load	LinStatic	2.245	-184.755	-3.160E-07

Table 34: Bridge Object Forces, Part 1 of 3

BridgeObj	BridgeCut	Distance	LocType	OutputCase	CaseType	P	V2	V3
		ft				Kip	Kip	Kip
BOBJ1	73	293.6	After	LC_Wearing Surface Load	LinStatic	-2.402	-173.558	8.257E-07
BOBJ1	74	305.	Before	LC_Wearing Surface Load	LinStatic	-2.402	-162.385	8.258E-07
BOBJ1	75	305.	After	LC_Wearing Surface Load	LinStatic	-2.402	-154.882	8.257E-07
BOBJ1	78	316.4	Before	LC_Wearing Surface Load	LinStatic	-2.402	-143.71	8.257E-07
BOBJ1	79	316.4	After	LC_Wearing Surface Load	LinStatic	-3.027	-128.848	1.950E-06
BOBJ1	80	327.85	Before	LC_Wearing Surface Load	LinStatic	-3.027	-117.627	1.950E-06
BOBJ1	81	327.85	After	LC_Wearing Surface Load	LinStatic	-3.027	-106.406	1.950E-06
BOBJ1	82	339.3	Before	LC_Wearing Surface Load	LinStatic	-3.027	-95.184	1.950E-06
BOBJ1	83	339.3	After	LC_Wearing Surface Load	LinStatic	-3.373	-83.988	-5.693E-07
BOBJ1	84	350.7	Before	LC_Wearing Surface Load	LinStatic	-3.373	-72.816	-5.693E-07
BOBJ1	85	350.7	After	LC_Wearing Surface Load	LinStatic	-3.373	-61.644	-5.693E-07
BOBJ1	86	362.1	Before	LC_Wearing Surface Load	LinStatic	-3.373	-50.471	-5.693E-07
BOBJ1	87	362.1	After	LC_Wearing Surface Load	LinStatic	-3.912	-39.275	-1.950E-07
BOBJ1	88	373.55	Before	LC_Wearing Surface Load	LinStatic	-3.912	-28.053	-1.950E-07
BOBJ1	89	373.55	After	LC_Wearing Surface Load	LinStatic	-3.912	-16.832	-1.950E-07
BOBJ1	90	385.	Before	LC_Wearing Surface Load	LinStatic	-3.912	-5.611	-1.950E-07
BOBJ1	91	385.	After	LC_Wearing Surface Load	LinStatic	-3.912	5.611	7.328E-08
BOBJ1	92	396.45	Before	LC_Wearing Surface Load	LinStatic	-3.912	16.832	7.329E-08
BOBJ1	93	396.45	After	LC_Wearing Surface Load	LinStatic	-3.912	28.053	7.329E-08
BOBJ1	94	407.9	Before	LC_Wearing Surface Load	LinStatic	-3.912	39.275	7.330E-08
BOBJ1	95	407.9	After	LC_Wearing Surface Load	LinStatic	-3.373	50.471	-1.764E-07
BOBJ1	96	419.3	Before	LC_Wearing Surface Load	LinStatic	-3.373	61.644	-1.764E-07
BOBJ1	97	419.3	After	LC_Wearing Surface Load	LinStatic	-3.373	72.816	-1.764E-07
BOBJ1	98	430.7	Before	LC_Wearing Surface Load	LinStatic	-3.373	83.988	-1.764E-07
BOBJ1	99	430.7	After	LC_Wearing Surface Load	LinStatic	-3.027	95.184	-3.305E-07
BOBJ1	100	442.15	Before	LC_Wearing Surface Load	LinStatic	-3.027	106.406	-3.305E-07
BOBJ1	101	442.15	After	LC_Wearing Surface Load	LinStatic	-3.027	117.627	-3.305E-07
BOBJ1	102	453.6	Before	LC_Wearing Surface Load	LinStatic	-3.027	128.848	-3.305E-07
BOBJ1	103	453.6	After	LC_Wearing Surface Load	LinStatic	-2.402	143.71	2.127E-06
BOBJ1	106	465.	Before	LC_Wearing Surface Load	LinStatic	-2.402	154.882	2.127E-06

Table 34: Bridge Object Forces, Part 1 of 3

BridgeObj	BridgeCut	Distance	LocType	OutputCase	CaseType	P	V2	V3
		ft				Kip	Kip	Kip
BOBJ1	107	465.	After	LC_Wearing Surface Load	LinStatic	-2.402	162.385	2.127E-06
BOBJ1	108	476.4	Before	LC_Wearing Surface Load	LinStatic	-2.402	173.558	2.127E-06
BOBJ1	109	476.4	After	LC_Wearing Surface Load	LinStatic	2.245	184.755	-6.190E-07
BOBJ1	110	487.85	Before	LC_Wearing Surface Load	LinStatic	2.245	195.976	-6.190E-07
BOBJ1	111	487.85	After	LC_Wearing Surface Load	LinStatic	2.245	209.88	-6.190E-07
BOBJ1	114	499.3	Before	LC_Wearing Surface Load	LinStatic	2.245	221.102	-6.190E-07
BOBJ1	115	499.3	After	LC_Wearing Surface Load	LinStatic	3.31	228.538	8.398E-08
BOBJ1	118	510.7	Before	LC_Wearing Surface Load	LinStatic	3.31	239.71	8.398E-08
BOBJ1	119	510.7	After	LC_Wearing Surface Load	LinStatic	3.31	247.143	8.398E-08
BOBJ1	122	522.1	Before	LC_Wearing Surface Load	LinStatic	3.31	258.315	8.398E-08
BOBJ1	123	522.1	After	LC_Wearing Surface Load	LinStatic	5.13	276.947	7.206E-07
BOBJ1	126	533.55	Before	LC_Wearing Surface Load	LinStatic	5.13	288.168	7.206E-07
BOBJ1	127	533.55	After	LC_Wearing Surface Load	LinStatic	5.13	296.776	7.206E-07
BOBJ1	128	545.	Before	LC_Wearing Surface Load	LinStatic	5.13	307.997	7.206E-07
BOBJ1	129	545.	After	LC_Wearing Surface Load	LinStatic	5.056	-282.186	1.333E-07
BOBJ1	130	556.25	Before	LC_Wearing Surface Load	LinStatic	5.056	-282.186	1.333E-07
BOBJ1	131	556.25	After	LC_Wearing Surface Load	LinStatic	5.056	-268.039	1.333E-07
BOBJ1	134	567.5	Before	LC_Wearing Surface Load	LinStatic	5.056	-257.013	1.333E-07
BOBJ1	135	567.5	After	LC_Wearing Surface Load	LinStatic	3.979	-246.602	7.741E-08
BOBJ1	138	578.75	Before	LC_Wearing Surface Load	LinStatic	3.979	-235.576	7.741E-08
BOBJ1	139	578.75	After	LC_Wearing Surface Load	LinStatic	3.979	-219.156	7.741E-08
BOBJ1	142	590.	Before	LC_Wearing Surface Load	LinStatic	3.979	-208.13	7.741E-08
BOBJ1	143	590.	After	LC_Wearing Surface Load	LinStatic	2.952	-193.978	1.001E-07
BOBJ1	144	601.25	Before	LC_Wearing Surface Load	LinStatic	2.952	-193.978	1.001E-07
BOBJ1	145	601.25	After	LC_Wearing Surface Load	LinStatic	2.952	-182.465	1.001E-07
BOBJ1	148	612.5	Before	LC_Wearing Surface Load	LinStatic	2.952	-171.44	1.001E-07
BOBJ1	149	612.5	After	LC_Wearing Surface Load	LinStatic	-0.734	-149.883	5.909E-08
BOBJ1	150	623.75	Before	LC_Wearing Surface Load	LinStatic	-0.734	-149.883	5.909E-08
BOBJ1	151	623.75	After	LC_Wearing Surface Load	LinStatic	-0.734	-127.832	5.910E-08
BOBJ1	152	635.	Before	LC_Wearing Surface Load	LinStatic	-0.734	-127.832	5.910E-08

Table 34: Bridge Object Forces, Part 1 of 3

BridgeObj	BridgeCut	Distance	LocType	OutputCase	CaseType	P	V2	V3
		ft				Kip	Kip	Kip
BOBJ1	153	635.	After	LC_Wearing Surface Load	LinStatic	-2.789	-108.415	-9.571E-08
BOBJ1	156	646.25	Before	LC_Wearing Surface Load	LinStatic	-2.789	-97.39	-9.571E-08
BOBJ1	157	646.25	After	LC_Wearing Surface Load	LinStatic	-2.789	-83.73	-9.571E-08
BOBJ1	158	657.5	Before	LC_Wearing Surface Load	LinStatic	-2.789	-83.73	-9.571E-08
BOBJ1	159	657.5	After	LC_Wearing Surface Load	LinStatic	-3.432	-61.681	4.196E-07
BOBJ1	160	668.75	Before	LC_Wearing Surface Load	LinStatic	-3.432	-61.681	4.196E-07
BOBJ1	161	668.75	After	LC_Wearing Surface Load	LinStatic	-3.432	-39.63	4.196E-07
BOBJ1	162	680.	Before	LC_Wearing Surface Load	LinStatic	-3.432	-39.63	4.196E-07
BOBJ1	163	680.	After	LC_Wearing Surface Load	LinStatic	-3.947	-17.58	1.162E-07
BOBJ1	164	691.25	Before	LC_Wearing Surface Load	LinStatic	-3.947	-17.58	1.162E-07
BOBJ1	165	691.25	After	LC_Wearing Surface Load	LinStatic	-3.947	4.471	1.162E-07
BOBJ1	166	702.5	Before	LC_Wearing Surface Load	LinStatic	-3.947	4.471	1.162E-07
BOBJ1	167	702.5	After	LC_Wearing Surface Load	LinStatic	-3.622	26.522	4.368E-08
BOBJ1	168	713.75	Before	LC_Wearing Surface Load	LinStatic	-3.622	26.522	4.368E-08
BOBJ1	169	713.75	After	LC_Wearing Surface Load	LinStatic	-3.622	48.572	4.368E-08
BOBJ1	170	725.	Before	LC_Wearing Surface Load	LinStatic	-3.622	48.572	4.368E-08
BOBJ1	171	725.	After	LC_Wearing Surface Load	LinStatic	-4.073	65.645	1.548E-06
BOBJ1	174	736.25	Before	LC_Wearing Surface Load	LinStatic	-4.073	76.67	1.548E-06
BOBJ1	175	736.25	After	LC_Wearing Surface Load	LinStatic	-4.073	92.671	1.548E-06
BOBJ1	176	747.5	Before	LC_Wearing Surface Load	LinStatic	-4.073	92.671	1.548E-06
BOBJ1	177	747.5	After	LC_Wearing Surface Load	LinStatic	-2.045	114.724	2.827E-06
BOBJ1	178	758.75	Before	LC_Wearing Surface Load	LinStatic	-2.045	114.724	2.827E-06
BOBJ1	179	758.75	After	LC_Wearing Surface Load	LinStatic	-2.045	136.774	2.827E-06
BOBJ1	180	770.	Before	LC_Wearing Surface Load	LinStatic	-2.045	136.774	2.827E-06

Table 34: Bridge Object Forces, Part 2 of 3

Table 34: Bridge Object Forces, Part 2 of 3

BridgeObj	BridgeCut	Distance	LocType	OutputCase	T	M2	M3	GlobalX
		ft			Kip-ft	Kip-ft	Kip-ft	ft
BOBJ1	1	0.	After	LC_Dead Load	6.890E-05	9.373E-05	-171.9325	0.
BOBJ1	2	11.25	Before	LC_Dead Load	6.890E-05	1.521E-04	9627.0934	11.25

Table 34: Bridge Object Forces, Part 2 of 3

BridgeObj	BridgeCut	Distance	LocType	OutputCase	T	M2	M3	GlobalX
		ft			Kip-ft	Kip-ft	Kip-ft	ft
BOBJ1	3	11.25	After	LC_Dead Load	6.890E-05	1.521E-04	9627.0934	11.25
BOBJ1	4	22.5	Before	LC_Dead Load	6.890E-05	2.105E-04	17984.1686	22.5
BOBJ1	5	22.5	After	LC_Dead Load	7.671E-05	2.354E-04	17817.8391	22.5
BOBJ1	6	33.75	Before	LC_Dead Load	7.671E-05	1.287E-04	24553.9238	33.75
BOBJ1	7	33.75	After	LC_Dead Load	7.671E-05	1.287E-04	24553.9238	33.75
BOBJ1	10	45.	Before	LC_Dead Load	8.077E-05	2.203E-05	29819.4576	45.
BOBJ1	11	45.	After	LC_Dead Load	3.396E-05	1.551E-04	29849.4099	45.
BOBJ1	12	56.25	Before	LC_Dead Load	3.396E-05	-1.345E-05	33243.254	56.25
BOBJ1	13	56.25	After	LC_Dead Load	3.396E-05	-1.345E-05	33243.254	56.25
BOBJ1	14	67.5	Before	LC_Dead Load	3.396E-05	-1.820E-04	34928.534	67.5
BOBJ1	15	67.5	After	LC_Dead Load	3.616E-04	-4.126E-04	34907.5567	67.5
BOBJ1	16	78.75	Before	LC_Dead Load	3.616E-04	-2.642E-04	34705.3479	78.75
BOBJ1	17	78.75	After	LC_Dead Load	3.616E-04	-2.642E-04	34705.3479	78.75
BOBJ1	18	90.	Before	LC_Dead Load	3.616E-04	-1.158E-04	32794.5749	90.
BOBJ1	19	90.	After	LC_Dead Load	-3.387E-05	-2.723E-04	32847.8368	90.
BOBJ1	20	101.25	Before	LC_Dead Load	-3.387E-05	-1.857E-04	29049.5751	101.25
BOBJ1	21	101.25	After	LC_Dead Load	-3.387E-05	-1.857E-04	29049.5751	101.25
BOBJ1	22	112.5	Before	LC_Dead Load	-3.387E-05	-9.915E-05	23542.7492	112.5
BOBJ1	23	112.5	After	LC_Dead Load	3.416E-06	8.569E-05	23626.4709	112.5
BOBJ1	24	123.75	Before	LC_Dead Load	3.416E-06	8.544E-05	16232.232	123.75
BOBJ1	25	123.75	After	LC_Dead Load	3.416E-06	8.544E-05	16232.232	123.75
BOBJ1	28	135.	Before	LC_Dead Load	3.407E-06	8.520E-05	7200.2297	135.
BOBJ1	29	135.	After	LC_Dead Load	1.151E-04	9.382E-05	7428.177	135.
BOBJ1	30	146.25	Before	LC_Dead Load	1.151E-04	1.935E-04	-3226.0221	146.25
BOBJ1	31	146.25	After	LC_Dead Load	1.151E-04	1.935E-04	-3226.0221	146.25
BOBJ1	32	157.5	Before	LC_Dead Load	1.151E-04	2.932E-04	-15322.172	157.5
BOBJ1	33	157.5	After	LC_Dead Load	2.185E-04	5.539E-05	-15012.99	157.5
BOBJ1	36	168.75	Before	LC_Dead Load	2.190E-04	4.174E-05	-28740.9604	168.75
BOBJ1	37	168.75	After	LC_Dead Load	2.190E-04	4.173E-05	-28740.9604	168.75
BOBJ1	38	180.	Before	LC_Dead Load	2.190E-04	2.808E-05	-44038.7311	180.

Table 34: Bridge Object Forces, Part 2 of 3

BridgeObj	BridgeCut	Distance	LocType	OutputCase	T	M2	M3	GlobalX
		ft			Kip-ft	Kip-ft	Kip-ft	ft
BOBJ1	39	180.	After	LC_Dead Load	-1.068E-04	-6.011E-05	-43993.8503	180.
BOBJ1	42	191.25	Before	LC_Dead Load	-1.022E-04	-1.619E-04	-61279.2034	191.25
BOBJ1	43	191.25	After	LC_Dead Load	-1.022E-04	-1.619E-04	-61279.2034	191.25
BOBJ1	46	202.5	Before	LC_Dead Load	-9.874E-05	-2.637E-04	-80617.2899	202.5
BOBJ1	47	202.5	After	LC_Dead Load	-3.744E-05	4.792E-05	-80534.6781	202.5
BOBJ1	50	213.75	Before	LC_Dead Load	-3.622E-05	7.107E-06	-102348.611	213.75
BOBJ1	51	213.75	After	LC_Dead Load	-3.622E-05	7.107E-06	-102348.611	213.75
BOBJ1	52	225.	Before	LC_Dead Load	-3.622E-05	-3.371E-05	-126758.564	225.
BOBJ1	53	225.	After	LC_Dead Load	2.092E-05	1.210E-04	-126759.751	225.
BOBJ1	54	236.45	Before	LC_Dead Load	2.092E-05	9.655E-05	-98182.5414	236.45
BOBJ1	55	236.45	After	LC_Dead Load	2.092E-05	9.655E-05	-98182.5414	236.45
BOBJ1	58	247.9	Before	LC_Dead Load	2.020E-05	7.214E-05	-72291.1989	247.9
BOBJ1	59	247.9	After	LC_Dead Load	3.211E-05	5.575E-05	-72460.4882	247.9
BOBJ1	62	259.3	Before	LC_Dead Load	3.169E-05	4.343E-05	-49324.2008	259.3
BOBJ1	63	259.3	After	LC_Dead Load	3.169E-05	4.343E-05	-49324.2008	259.3
BOBJ1	66	270.7	Before	LC_Dead Load	3.114E-05	3.111E-05	-28412.5212	270.7
BOBJ1	67	270.7	After	LC_Dead Load	5.998E-05	-9.318E-05	-28542.0407	270.7
BOBJ1	70	282.15	Before	LC_Dead Load	6.051E-05	-7.832E-05	-9477.8597	282.15
BOBJ1	71	282.15	After	LC_Dead Load	6.051E-05	-7.832E-05	-9477.8597	282.15
BOBJ1	72	293.6	Before	LC_Dead Load	6.051E-05	-6.347E-05	8078.265	293.6
BOBJ1	73	293.6	After	LC_Dead Load	-2.250E-04	-3.987E-05	7607.8338	293.6
BOBJ1	74	305.	Before	LC_Dead Load	-2.250E-04	-5.608E-05	23421.6714	305.
BOBJ1	75	305.	After	LC_Dead Load	-2.250E-04	-5.608E-05	23421.6714	305.
BOBJ1	78	316.4	Before	LC_Dead Load	-2.243E-04	-7.230E-05	37657.9662	316.4
BOBJ1	79	316.4	After	LC_Dead Load	-1.931E-04	1.990E-04	37597.3328	316.4
BOBJ1	80	327.85	Before	LC_Dead Load	-1.931E-04	1.142E-04	49897.8952	327.85
BOBJ1	81	327.85	After	LC_Dead Load	-1.894E-04	1.142E-04	49912.5538	327.85
BOBJ1	82	339.3	Before	LC_Dead Load	-1.894E-04	2.944E-05	60210.9109	339.3
BOBJ1	83	339.3	After	LC_Dead Load	1.802E-04	6.930E-06	60171.5472	339.3
BOBJ1	84	350.7	Before	LC_Dead Load	1.803E-04	-3.106E-05	68066.3246	350.7

Table 34: Bridge Object Forces, Part 2 of 3

BridgeObj	BridgeCut	Distance	LocType	OutputCase	T	M2	M3	GlobalX
		ft			Kip-ft	Kip-ft	Kip-ft	ft
BOBJ1	85	350.7	After	LC_Dead Load	1.802E-04	-3.106E-05	68066.3246	350.7
BOBJ1	86	362.1	Before	LC_Dead Load	1.803E-04	-6.906E-05	73788.712	362.1
BOBJ1	87	362.1	After	LC_Dead Load	2.391E-04	-2.208E-04	73731.4063	362.1
BOBJ1	88	373.55	Before	LC_Dead Load	2.391E-04	-2.499E-04	77109.8297	373.55
BOBJ1	89	373.55	After	LC_Dead Load	2.391E-04	-2.499E-04	77109.8297	373.55
BOBJ1	90	385.	Before	LC_Dead Load	2.391E-04	-2.791E-04	78296.7653	385.
BOBJ1	91	385.	After	LC_Dead Load	2.452E-04	-2.736E-04	78296.7656	385.
BOBJ1	92	396.45	Before	LC_Dead Load	2.452E-04	-2.967E-04	77109.8298	396.45
BOBJ1	93	396.45	After	LC_Dead Load	2.452E-04	-2.967E-04	77109.8298	396.45
BOBJ1	94	407.9	Before	LC_Dead Load	2.452E-04	-3.198E-04	73731.4061	407.9
BOBJ1	95	407.9	After	LC_Dead Load	2.221E-04	-3.366E-04	73788.7123	407.9
BOBJ1	96	419.3	Before	LC_Dead Load	2.221E-04	-3.336E-04	68066.3246	419.3
BOBJ1	97	419.3	After	LC_Dead Load	2.221E-04	-3.336E-04	68066.3246	419.3
BOBJ1	98	430.7	Before	LC_Dead Load	2.221E-04	-3.307E-04	60171.5469	430.7
BOBJ1	99	430.7	After	LC_Dead Load	2.685E-04	-5.513E-04	60210.9113	430.7
BOBJ1	100	442.15	Before	LC_Dead Load	2.685E-04	-5.226E-04	49912.5541	442.15
BOBJ1	101	442.15	After	LC_Dead Load	2.698E-04	-5.226E-04	49897.8955	442.15
BOBJ1	102	453.6	Before	LC_Dead Load	2.698E-04	-4.938E-04	37597.3329	453.6
BOBJ1	103	453.6	After	LC_Dead Load	-3.276E-05	-4.850E-04	37657.967	453.6
BOBJ1	106	465.	Before	LC_Dead Load	-3.584E-05	-5.574E-04	23421.6719	465.
BOBJ1	107	465.	After	LC_Dead Load	-3.584E-05	-5.574E-04	23421.6719	465.
BOBJ1	108	476.4	Before	LC_Dead Load	-3.584E-05	-6.297E-04	7607.8341	476.4
BOBJ1	109	476.4	After	LC_Dead Load	2.082E-05	-4.931E-04	8078.265	476.4
BOBJ1	110	487.85	Before	LC_Dead Load	2.082E-05	-5.286E-04	-9477.8595	487.85
BOBJ1	111	487.85	After	LC_Dead Load	2.082E-05	-5.286E-04	-9477.8595	487.85
BOBJ1	114	499.3	Before	LC_Dead Load	2.208E-05	-5.640E-04	-28542.0404	499.3
BOBJ1	115	499.3	After	LC_Dead Load	-2.433E-04	-5.452E-04	-28412.5218	499.3
BOBJ1	118	510.7	Before	LC_Dead Load	-2.415E-04	-5.846E-04	-49324.201	510.7
BOBJ1	119	510.7	After	LC_Dead Load	-2.415E-04	-5.846E-04	-49324.201	510.7
BOBJ1	122	522.1	Before	LC_Dead Load	-2.402E-04	-6.239E-04	-72460.4879	522.1

Table 34: Bridge Object Forces, Part 2 of 3

BridgeObj	BridgeCut	Distance	LocType	OutputCase	T	M2	M3	GlobalX
		ft			Kip-ft	Kip-ft	Kip-ft	ft
BOBJ1	123	522.1	After	LC_Dead Load	-1.636E-04	-5.479E-04	-72291.199	522.1
BOBJ1	126	533.55	Before	LC_Dead Load	-1.614E-04	-6.221E-04	-98182.5414	533.55
BOBJ1	127	533.55	After	LC_Dead Load	-1.614E-04	-6.221E-04	-98182.5414	533.55
BOBJ1	128	545.	Before	LC_Dead Load	-1.614E-04	-6.963E-04	-126759.751	545.
BOBJ1	129	545.	After	LC_Dead Load	1.348E-04	-2.158E-05	-126758.564	545.
BOBJ1	130	556.25	Before	LC_Dead Load	1.348E-04	-2.817E-05	-102348.611	556.25
BOBJ1	131	556.25	After	LC_Dead Load	1.348E-04	-2.817E-05	-102348.611	556.25
BOBJ1	134	567.5	Before	LC_Dead Load	1.346E-04	-3.476E-05	-80534.6779	567.5
BOBJ1	135	567.5	After	LC_Dead Load	1.371E-04	1.149E-06	-80617.2901	567.5
BOBJ1	138	578.75	Before	LC_Dead Load	1.369E-04	-3.010E-06	-61279.2032	578.75
BOBJ1	139	578.75	After	LC_Dead Load	1.369E-04	-3.010E-06	-61279.2032	578.75
BOBJ1	142	590.	Before	LC_Dead Load	1.367E-04	-7.167E-06	-43993.8497	590.
BOBJ1	143	590.	After	LC_Dead Load	1.300E-04	7.558E-06	-44038.7313	590.
BOBJ1	144	601.25	Before	LC_Dead Load	1.300E-04	-2.810E-06	-28740.9605	601.25
BOBJ1	145	601.25	After	LC_Dead Load	1.300E-04	-2.812E-06	-28740.9605	601.25
BOBJ1	148	612.5	Before	LC_Dead Load	1.296E-04	-1.318E-05	-15012.9899	612.5
BOBJ1	149	612.5	After	LC_Dead Load	1.197E-04	2.249E-05	-15322.1724	612.5
BOBJ1	150	623.75	Before	LC_Dead Load	1.197E-04	3.224E-06	-3226.0224	623.75
BOBJ1	151	623.75	After	LC_Dead Load	1.197E-04	3.225E-06	-3226.0224	623.75
BOBJ1	152	635.	Before	LC_Dead Load	1.197E-04	-1.604E-05	7428.1768	635.
BOBJ1	153	635.	After	LC_Dead Load	1.079E-04	-5.400E-05	7200.2296	635.
BOBJ1	156	646.25	Before	LC_Dead Load	1.090E-04	-8.389E-05	16232.2318	646.25
BOBJ1	157	646.25	After	LC_Dead Load	1.090E-04	-8.389E-05	16232.2318	646.25
BOBJ1	158	657.5	Before	LC_Dead Load	1.090E-04	-1.138E-04	23626.4706	657.5
BOBJ1	159	657.5	After	LC_Dead Load	1.090E-04	-3.894E-05	23542.7492	657.5
BOBJ1	160	668.75	Before	LC_Dead Load	1.090E-04	5.249E-05	29049.5749	668.75
BOBJ1	161	668.75	After	LC_Dead Load	1.090E-04	5.249E-05	29049.5749	668.75
BOBJ1	162	680.	Before	LC_Dead Load	1.090E-04	1.439E-04	32847.8364	680.
BOBJ1	163	680.	After	LC_Dead Load	6.873E-05	1.911E-04	32794.5749	680.
BOBJ1	164	691.25	Before	LC_Dead Load	6.873E-05	1.371E-04	34705.3478	691.25

Table 34: Bridge Object Forces, Part 2 of 3

BridgeObj	BridgeCut	Distance	LocType	OutputCase	T	M2	M3	GlobalX
		ft			Kip-ft	Kip-ft	Kip-ft	ft
BOBJ1	165	691.25	After	LC_Dead Load	6.873E-05	1.371E-04	34705.3478	691.25
BOBJ1	166	702.5	Before	LC_Dead Load	6.873E-05	8.317E-05	34907.5564	702.5
BOBJ1	167	702.5	After	LC_Dead Load	9.755E-05	2.799E-05	34928.5341	702.5
BOBJ1	168	713.75	Before	LC_Dead Load	9.755E-05	5.517E-06	33243.254	713.75
BOBJ1	169	713.75	After	LC_Dead Load	9.755E-05	5.517E-06	33243.254	713.75
BOBJ1	170	725.	Before	LC_Dead Load	9.755E-05	-1.696E-05	29849.4097	725.
BOBJ1	171	725.	After	LC_Dead Load	4.776E-05	1.259E-04	29819.4579	725.
BOBJ1	174	736.25	Before	LC_Dead Load	4.297E-05	1.346E-07	24553.9239	736.25
BOBJ1	175	736.25	After	LC_Dead Load	4.297E-05	1.346E-07	24553.9239	736.25
BOBJ1	176	747.5	Before	LC_Dead Load	4.297E-05	-1.256E-04	17817.8391	747.5
BOBJ1	177	747.5	After	LC_Dead Load	-1.001E-04	2.191E-04	17984.1687	747.5
BOBJ1	178	758.75	Before	LC_Dead Load	-1.001E-04	-5.142E-06	9627.0933	758.75
BOBJ1	179	758.75	After	LC_Dead Load	-1.001E-04	-5.142E-06	9627.0933	758.75
BOBJ1	180	770.	Before	LC_Dead Load	-1.001E-04	-2.294E-04	-171.933	770.
BOBJ1	1	0.	After	LC_Wearing Surface Load	1.940E-06	3.305E-06	-25.7141	0.
BOBJ1	2	11.25	Before	LC_Wearing Surface Load	1.940E-06	4.900E-06	1512.9979	11.25
BOBJ1	3	11.25	After	LC_Wearing Surface Load	1.940E-06	4.900E-06	1512.9979	11.25
BOBJ1	4	22.5	Before	LC_Wearing Surface Load	1.940E-06	6.495E-06	2803.6412	22.5
BOBJ1	5	22.5	After	LC_Wearing Surface Load	4.342E-06	6.855E-06	2778.1331	22.5
BOBJ1	6	33.75	Before	LC_Wearing Surface Load	4.342E-06	9.988E-07	3820.6868	33.75
BOBJ1	7	33.75	After	LC_Wearing Surface Load	4.342E-06	9.988E-07	3820.6868	33.75
BOBJ1	10	45.	Before	LC_Wearing Surface Load	4.565E-06	-4.858E-06	4616.9171	45.
BOBJ1	11	45.	After	LC_Wearing Surface Load	-7.061E-06	4.545E-05	4622.3949	45.
BOBJ1	12	56.25	Before	LC_Wearing Surface Load	-7.061E-06	3.218E-05	5168.8317	56.25
BOBJ1	13	56.25	After	LC_Wearing Surface Load	-7.061E-06	3.218E-05	5168.8317	56.25
BOBJ1	14	67.5	Before	LC_Wearing Surface Load	-7.061E-06	1.890E-05	5467.1996	67.5
BOBJ1	15	67.5	After	LC_Wearing Surface Load	4.126E-05	-3.454E-05	5463.2494	67.5
BOBJ1	16	78.75	Before	LC_Wearing Surface Load	4.126E-05	-7.798E-07	5513.5485	78.75
BOBJ1	17	78.75	After	LC_Wearing Surface Load	4.126E-05	-7.798E-07	5513.5485	78.75
BOBJ1	18	90.	Before	LC_Wearing Surface Load	4.126E-05	3.298E-05	5315.7788	90.

Table 34: Bridge Object Forces, Part 2 of 3

BridgeObj	BridgeCut	Distance	LocType	OutputCase	T	M2	M3	GlobalX
		ft			Kip-ft	Kip-ft	Kip-ft	ft
BOBJ1	19	90.	After	LC_Wearing Surface Load	-1.142E-05	-2.823E-05	5322.0445	90.
BOBJ1	20	101.25	Before	LC_Wearing Surface Load	-1.142E-05	-4.114E-05	4876.2059	101.25
BOBJ1	21	101.25	After	LC_Wearing Surface Load	-1.142E-05	-4.114E-05	4876.2059	101.25
BOBJ1	22	112.5	Before	LC_Wearing Surface Load	-1.142E-05	-5.406E-05	4182.2986	112.5
BOBJ1	23	112.5	After	LC_Wearing Surface Load	4.051E-06	-8.803E-06	4190.1106	112.5
BOBJ1	24	123.75	Before	LC_Wearing Surface Load	4.051E-06	-5.197E-06	3248.1485	123.75
BOBJ1	25	123.75	After	LC_Wearing Surface Load	4.051E-06	-5.197E-06	3248.1485	123.75
BOBJ1	28	135.	Before	LC_Wearing Surface Load	4.189E-06	-1.591E-06	2056.9223	135.
BOBJ1	29	135.	After	LC_Wearing Surface Load	2.057E-05	1.873E-05	2082.7733	135.
BOBJ1	30	146.25	Before	LC_Wearing Surface Load	2.057E-05	3.699E-05	644.6594	146.25
BOBJ1	31	146.25	After	LC_Wearing Surface Load	2.057E-05	3.699E-05	644.6594	146.25
BOBJ1	32	157.5	Before	LC_Wearing Surface Load	2.057E-05	5.524E-05	-1041.5232	157.5
BOBJ1	33	157.5	After	LC_Wearing Surface Load	3.054E-05	3.308E-05	-995.1682	157.5
BOBJ1	36	168.75	Before	LC_Wearing Surface Load	3.090E-05	2.332E-05	-2930.5569	168.75
BOBJ1	37	168.75	After	LC_Wearing Surface Load	3.090E-05	2.332E-05	-2930.5569	168.75
BOBJ1	38	180.	Before	LC_Wearing Surface Load	3.090E-05	1.355E-05	-5112.8118	180.
BOBJ1	39	180.	After	LC_Wearing Surface Load	-1.273E-05	-2.993E-06	-5100.2707	180.
BOBJ1	42	191.25	Before	LC_Wearing Surface Load	-1.219E-05	-1.487E-05	-7532.6829	191.25
BOBJ1	43	191.25	After	LC_Wearing Surface Load	-1.219E-05	-1.487E-05	-7532.6829	191.25
BOBJ1	46	202.5	Before	LC_Wearing Surface Load	-1.179E-05	-2.674E-05	-10212.6463	202.5
BOBJ1	47	202.5	After	LC_Wearing Surface Load	-4.174E-06	4.945E-06	-10200.4459	202.5
BOBJ1	50	213.75	Before	LC_Wearing Surface Load	-4.045E-06	6.410E-07	-13128.6808	213.75
BOBJ1	51	213.75	After	LC_Wearing Surface Load	-4.045E-06	6.410E-07	-13128.6808	213.75
BOBJ1	52	225.	Before	LC_Wearing Surface Load	-4.045E-06	-3.664E-06	-16303.2744	225.
BOBJ1	53	225.	After	LC_Wearing Surface Load	4.495E-06	1.764E-05	-16302.4639	225.
BOBJ1	54	236.45	Before	LC_Wearing Surface Load	4.495E-06	1.509E-05	-12840.1381	236.45
BOBJ1	55	236.45	After	LC_Wearing Surface Load	4.495E-06	1.509E-05	-12840.1381	236.45
BOBJ1	58	247.9	Before	LC_Wearing Surface Load	4.420E-06	1.253E-05	-9633.0446	247.9
BOBJ1	59	247.9	After	LC_Wearing Surface Load	6.235E-06	1.025E-05	-9653.6576	247.9
BOBJ1	62	259.3	Before	LC_Wearing Surface Load	6.211E-06	9.533E-06	-6716.3288	259.3

Table 34: Bridge Object Forces, Part 2 of 3

BridgeObj	BridgeCut	Distance	LocType	OutputCase	T	M2	M3	GlobalX
		ft			Kip-ft	Kip-ft	Kip-ft	ft
BOBJ1	63	259.3	After	LC_Wearing Surface Load	6.211E-06	9.533E-06	-6716.3288	259.3
BOBJ1	66	270.7	Before	LC_Wearing Surface Load	6.179E-06	8.818E-06	-4033.2973	270.7
BOBJ1	67	270.7	After	LC_Wearing Surface Load	1.076E-05	-1.474E-05	-4046.3032	270.7
BOBJ1	70	282.15	Before	LC_Wearing Surface Load	1.089E-05	-1.112E-05	-1608.7361	282.15
BOBJ1	71	282.15	After	LC_Wearing Surface Load	1.089E-05	-1.112E-05	-1608.7361	282.15
BOBJ1	72	293.6	Before	LC_Wearing Surface Load	1.089E-05	-7.507E-06	570.949	293.6
BOBJ1	73	293.6	After	LC_Wearing Surface Load	-5.117E-06	1.712E-06	512.5008	293.6
BOBJ1	74	305.	Before	LC_Wearing Surface Load	-5.117E-06	-7.702E-06	2427.3761	305.
BOBJ1	75	305.	After	LC_Wearing Surface Load	-5.117E-06	-7.702E-06	2427.3761	305.
BOBJ1	78	316.4	Before	LC_Wearing Surface Load	-4.715E-06	-1.712E-05	4088.6898	316.4
BOBJ1	79	316.4	After	LC_Wearing Surface Load	-6.489E-06	3.456E-05	4081.1134	316.4
BOBJ1	80	327.85	Before	LC_Wearing Surface Load	-6.489E-06	1.222E-05	5492.1838	327.85
BOBJ1	81	327.85	After	LC_Wearing Surface Load	-5.512E-06	1.222E-05	5493.6994	327.85
BOBJ1	82	339.3	Before	LC_Wearing Surface Load	-5.512E-06	-1.011E-05	6647.8024	339.3
BOBJ1	83	339.3	After	LC_Wearing Surface Load	7.773E-06	-1.183E-05	6643.776	339.3
BOBJ1	84	350.7	Before	LC_Wearing Surface Load	7.773E-06	-5.343E-06	7537.5588	350.7
BOBJ1	85	350.7	After	LC_Wearing Surface Load	7.773E-06	-5.343E-06	7537.5588	350.7
BOBJ1	86	362.1	Before	LC_Wearing Surface Load	7.773E-06	1.147E-06	8176.6135	362.1
BOBJ1	87	362.1	After	LC_Wearing Surface Load	7.499E-06	-2.583E-05	8170.3394	362.1
BOBJ1	88	373.55	Before	LC_Wearing Surface Load	7.499E-06	-2.360E-05	8555.7905	373.55
BOBJ1	89	373.55	After	LC_Wearing Surface Load	7.500E-06	-2.360E-05	8555.7905	373.55
BOBJ1	90	385.	Before	LC_Wearing Surface Load	7.500E-06	-2.137E-05	8684.2743	385.
BOBJ1	91	385.	After	LC_Wearing Surface Load	4.376E-06	-2.836E-05	8684.2743	385.
BOBJ1	92	396.45	Before	LC_Wearing Surface Load	4.376E-06	-2.920E-05	8555.7906	396.45
BOBJ1	93	396.45	After	LC_Wearing Surface Load	4.377E-06	-2.920E-05	8555.7906	396.45
BOBJ1	94	407.9	Before	LC_Wearing Surface Load	4.377E-06	-3.004E-05	8170.3394	407.9
BOBJ1	95	407.9	After	LC_Wearing Surface Load	3.201E-06	-3.434E-05	8176.6135	407.9
BOBJ1	96	419.3	Before	LC_Wearing Surface Load	3.200E-06	-3.233E-05	7537.5588	419.3
BOBJ1	97	419.3	After	LC_Wearing Surface Load	3.200E-06	-3.233E-05	7537.5588	419.3
BOBJ1	98	430.7	Before	LC_Wearing Surface Load	3.200E-06	-3.032E-05	6643.776	430.7

Table 34: Bridge Object Forces, Part 2 of 3

BridgeObj	BridgeCut	Distance	LocType	OutputCase	T	M2	M3	GlobalX
		ft			Kip-ft	Kip-ft	Kip-ft	ft
BOBJ1	99	430.7	After	LC_Wearing Surface Load	7.789E-06	-6.623E-05	6647.8024	430.7
BOBJ1	100	442.15	Before	LC_Wearing Surface Load	7.789E-06	-6.245E-05	5493.6994	442.15
BOBJ1	101	442.15	After	LC_Wearing Surface Load	7.954E-06	-6.245E-05	5492.1839	442.15
BOBJ1	102	453.6	Before	LC_Wearing Surface Load	7.954E-06	-5.866E-05	4081.1134	453.6
BOBJ1	103	453.6	After	LC_Wearing Surface Load	-1.892E-05	-6.983E-05	4088.6899	453.6
BOBJ1	106	465.	Before	LC_Wearing Surface Load	-1.995E-05	-9.408E-05	2427.3762	465.
BOBJ1	107	465.	After	LC_Wearing Surface Load	-1.995E-05	-9.408E-05	2427.3762	465.
BOBJ1	108	476.4	Before	LC_Wearing Surface Load	-1.995E-05	-1.183E-04	512.5009	476.4
BOBJ1	109	476.4	After	LC_Wearing Surface Load	-1.176E-05	-8.939E-05	570.9491	476.4
BOBJ1	110	487.85	Before	LC_Wearing Surface Load	-1.176E-05	-8.230E-05	-1608.736	487.85
BOBJ1	111	487.85	After	LC_Wearing Surface Load	-1.176E-05	-8.230E-05	-1608.736	487.85
BOBJ1	114	499.3	Before	LC_Wearing Surface Load	-1.201E-05	-7.521E-05	-4046.3031	499.3
BOBJ1	115	499.3	After	LC_Wearing Surface Load	-3.437E-05	-5.982E-05	-4033.2974	499.3
BOBJ1	118	510.7	Before	LC_Wearing Surface Load	-3.433E-05	-6.078E-05	-6716.3288	510.7
BOBJ1	119	510.7	After	LC_Wearing Surface Load	-3.433E-05	-6.078E-05	-6716.3288	510.7
BOBJ1	122	522.1	Before	LC_Wearing Surface Load	-3.430E-05	-6.173E-05	-9653.6576	522.1
BOBJ1	123	522.1	After	LC_Wearing Surface Load	-2.610E-05	-5.582E-05	-9633.0446	522.1
BOBJ1	126	533.55	Before	LC_Wearing Surface Load	-2.585E-05	-6.407E-05	-12840.1381	533.55
BOBJ1	127	533.55	After	LC_Wearing Surface Load	-2.585E-05	-6.407E-05	-12840.1381	533.55
BOBJ1	128	545.	Before	LC_Wearing Surface Load	-2.585E-05	-7.232E-05	-16302.4639	545.
BOBJ1	129	545.	After	LC_Wearing Surface Load	1.727E-05	-1.237E-06	-16303.2744	545.
BOBJ1	130	556.25	Before	LC_Wearing Surface Load	1.727E-05	-2.737E-06	-13128.6809	556.25
BOBJ1	131	556.25	After	LC_Wearing Surface Load	1.727E-05	-2.737E-06	-13128.6809	556.25
BOBJ1	134	567.5	Before	LC_Wearing Surface Load	1.723E-05	-4.237E-06	-10200.4459	567.5
BOBJ1	135	567.5	After	LC_Wearing Surface Load	1.786E-05	4.620E-07	-10212.6463	567.5
BOBJ1	138	578.75	Before	LC_Wearing Surface Load	1.783E-05	-4.089E-07	-7532.6829	578.75
BOBJ1	139	578.75	After	LC_Wearing Surface Load	1.783E-05	-4.089E-07	-7532.6829	578.75
BOBJ1	142	590.	Before	LC_Wearing Surface Load	1.779E-05	-1.280E-06	-5100.2706	590.
BOBJ1	143	590.	After	LC_Wearing Surface Load	1.752E-05	7.885E-07	-5112.8118	590.
BOBJ1	144	601.25	Before	LC_Wearing Surface Load	1.752E-05	-3.371E-07	-2930.5569	601.25

Table 34: Bridge Object Forces, Part 2 of 3

BridgeObj	BridgeCut	Distance	LocType	OutputCase	T	M2	M3	GlobalX
		ft			Kip-ft	Kip-ft	Kip-ft	ft
BOBJ1	145	601.25	After	LC_Wearing Surface Load	1.751E-05	-3.372E-07	-2930.5569	601.25
BOBJ1	148	612.5	Before	LC_Wearing Surface Load	1.747E-05	-1.463E-06	-995.1683	612.5
BOBJ1	149	612.5	After	LC_Wearing Surface Load	1.799E-05	3.165E-07	-1041.5233	612.5
BOBJ1	150	623.75	Before	LC_Wearing Surface Load	1.799E-05	-3.483E-07	644.6594	623.75
BOBJ1	151	623.75	After	LC_Wearing Surface Load	1.799E-05	-3.483E-07	644.6594	623.75
BOBJ1	152	635.	Before	LC_Wearing Surface Load	1.799E-05	-1.013E-06	2082.7732	635.
BOBJ1	153	635.	After	LC_Wearing Surface Load	1.994E-05	4.892E-06	2056.9223	635.
BOBJ1	156	646.25	Before	LC_Wearing Surface Load	1.990E-05	5.968E-06	3248.1485	646.25
BOBJ1	157	646.25	After	LC_Wearing Surface Load	1.990E-05	5.968E-06	3248.1485	646.25
BOBJ1	158	657.5	Before	LC_Wearing Surface Load	1.990E-05	7.045E-06	4190.1105	657.5
BOBJ1	159	657.5	After	LC_Wearing Surface Load	1.602E-05	1.060E-05	4182.2986	657.5
BOBJ1	160	668.75	Before	LC_Wearing Surface Load	1.602E-05	5.882E-06	4876.206	668.75
BOBJ1	161	668.75	After	LC_Wearing Surface Load	1.602E-05	5.882E-06	4876.206	668.75
BOBJ1	162	680.	Before	LC_Wearing Surface Load	1.602E-05	1.161E-06	5322.0445	680.
BOBJ1	163	680.	After	LC_Wearing Surface Load	1.527E-05	5.151E-08	5315.7789	680.
BOBJ1	164	691.25	Before	LC_Wearing Surface Load	1.527E-05	-1.256E-06	5513.5486	691.25
BOBJ1	165	691.25	After	LC_Wearing Surface Load	1.527E-05	-1.256E-06	5513.5486	691.25
BOBJ1	166	702.5	Before	LC_Wearing Surface Load	1.527E-05	-2.564E-06	5463.2495	702.5
BOBJ1	167	702.5	After	LC_Wearing Surface Load	1.696E-05	3.674E-06	5467.1997	702.5
BOBJ1	168	713.75	Before	LC_Wearing Surface Load	1.696E-05	3.182E-06	5168.8317	713.75
BOBJ1	169	713.75	After	LC_Wearing Surface Load	1.696E-05	3.182E-06	5168.8317	713.75
BOBJ1	170	725.	Before	LC_Wearing Surface Load	1.696E-05	2.691E-06	4622.395	725.
BOBJ1	171	725.	After	LC_Wearing Surface Load	1.928E-06	1.569E-05	4616.9171	725.
BOBJ1	174	736.25	Before	LC_Wearing Surface Load	1.265E-06	-1.720E-06	3820.6868	736.25
BOBJ1	175	736.25	After	LC_Wearing Surface Load	1.265E-06	-1.720E-06	3820.6868	736.25
BOBJ1	176	747.5	Before	LC_Wearing Surface Load	1.265E-06	-1.913E-05	2778.1331	747.5
BOBJ1	177	747.5	After	LC_Wearing Surface Load	3.483E-06	2.245E-05	2803.6412	747.5
BOBJ1	178	758.75	Before	LC_Wearing Surface Load	3.483E-06	-9.347E-06	1512.9979	758.75
BOBJ1	179	758.75	After	LC_Wearing Surface Load	3.483E-06	-9.347E-06	1512.9979	758.75

Table 34: Bridge Object Forces, Part 2 of 3

BridgeObj	BridgeCut	Distance	LocType	OutputCase	T	M2	M3	GlobalX
		ft			Kip-ft	Kip-ft	Kip-ft	ft
BOBJ1	180	770.	Before	LC_Wearing Surface Load	3.483E-06	-4.115E-05	-25.7142	770.

Table 34: Bridge Object Forces, Part 3 of 3

Table 34: Bridge Object Forces, Part 3 of 3

BridgeObj	BridgeCut	Distance	LocType	OutputCase	GlobalY	GlobalZ
		ft			ft	ft
BOBJ1	1	0.	After	LC_Dead Load	0.	-1.1317
BOBJ1	2	11.25	Before	LC_Dead Load	0.	-1.1317
BOBJ1	3	11.25	After	LC_Dead Load	0.	-1.1317
BOBJ1	4	22.5	Before	LC_Dead Load	0.	-1.1317
BOBJ1	5	22.5	After	LC_Dead Load	0.	-1.1317
BOBJ1	6	33.75	Before	LC_Dead Load	0.	-1.1317
BOBJ1	7	33.75	After	LC_Dead Load	0.	-1.1317
BOBJ1	10	45.	Before	LC_Dead Load	-1.421E-14	-1.5603
BOBJ1	11	45.	After	LC_Dead Load	-1.421E-14	-1.5603
BOBJ1	12	56.25	Before	LC_Dead Load	-1.421E-14	-1.5603
BOBJ1	13	56.25	After	LC_Dead Load	-1.421E-14	-1.5603
BOBJ1	14	67.5	Before	LC_Dead Load	-1.421E-14	-1.5603
BOBJ1	15	67.5	After	LC_Dead Load	-1.421E-14	-1.5603
BOBJ1	16	78.75	Before	LC_Dead Load	-1.421E-14	-1.5603
BOBJ1	17	78.75	After	LC_Dead Load	-1.421E-14	-1.5603
BOBJ1	18	90.	Before	LC_Dead Load	-1.421E-14	-1.5603
BOBJ1	19	90.	After	LC_Dead Load	-1.421E-14	-1.5603
BOBJ1	20	101.25	Before	LC_Dead Load	-1.421E-14	-1.5603
BOBJ1	21	101.25	After	LC_Dead Load	-1.421E-14	-1.5603
BOBJ1	22	112.5	Before	LC_Dead Load	-1.421E-14	-1.5603
BOBJ1	23	112.5	After	LC_Dead Load	-1.421E-14	-1.5603
BOBJ1	24	123.75	Before	LC_Dead Load	-1.421E-14	-1.5603
BOBJ1	25	123.75	After	LC_Dead Load	-1.421E-14	-1.5603
BOBJ1	28	135.	Before	LC_Dead Load	0.	-1.1317
BOBJ1	29	135.	After	LC_Dead Load	0.	-1.1317

Table 34: Bridge Object Forces, Part 3 of 3

BridgeObj	BridgeCut	Distance	LocType	OutputCase	GlobalY	GlobalZ
		ft			ft	ft
BOBJ1	30	146.25	Before	LC_Dead Load	0.	-1.1317
BOBJ1	31	146.25	After	LC_Dead Load	0.	-1.1317
BOBJ1	32	157.5	Before	LC_Dead Load	0.	-1.1317
BOBJ1	33	157.5	After	LC_Dead Load	0.	-1.1317
BOBJ1	36	168.75	Before	LC_Dead Load	5.684E-14	-1.5391
BOBJ1	37	168.75	After	LC_Dead Load	5.684E-14	-1.5391
BOBJ1	38	180.	Before	LC_Dead Load	5.684E-14	-1.5391
BOBJ1	39	180.	After	LC_Dead Load	5.684E-14	-1.5391
BOBJ1	42	191.25	Before	LC_Dead Load	-4.263E-14	-2.0509
BOBJ1	43	191.25	After	LC_Dead Load	-4.263E-14	-2.0509
BOBJ1	46	202.5	Before	LC_Dead Load	0.	-2.4326
BOBJ1	47	202.5	After	LC_Dead Load	0.	-2.4326
BOBJ1	50	213.75	Before	LC_Dead Load	7.105E-15	-2.7709
BOBJ1	51	213.75	After	LC_Dead Load	7.105E-15	-2.7709
BOBJ1	52	225.	Before	LC_Dead Load	7.105E-15	-2.7709
BOBJ1	53	225.	After	LC_Dead Load	7.105E-15	-2.7709
BOBJ1	54	236.45	Before	LC_Dead Load	7.105E-15	-2.7709
BOBJ1	55	236.45	After	LC_Dead Load	7.105E-15	-2.7709
BOBJ1	58	247.9	Before	LC_Dead Load	0.	-2.4326
BOBJ1	59	247.9	After	LC_Dead Load	0.	-2.4326
BOBJ1	62	259.3	Before	LC_Dead Load	-4.263E-14	-2.0509
BOBJ1	63	259.3	After	LC_Dead Load	-4.263E-14	-2.0509
BOBJ1	66	270.7	Before	LC_Dead Load	5.684E-14	-1.5391
BOBJ1	67	270.7	After	LC_Dead Load	5.684E-14	-1.5391
BOBJ1	70	282.15	Before	LC_Dead Load	0.	-1.1317
BOBJ1	71	282.15	After	LC_Dead Load	0.	-1.1317
BOBJ1	72	293.6	Before	LC_Dead Load	0.	-1.1317
BOBJ1	73	293.6	After	LC_Dead Load	0.	-1.1317
BOBJ1	74	305.	Before	LC_Dead Load	0.	-1.1317
BOBJ1	75	305.	After	LC_Dead Load	0.	-1.1317

Table 34: Bridge Object Forces, Part 3 of 3

BridgeObj	BridgeCut	Distance	LocType	OutputCase	GlobalY	GlobalZ
		ft			ft	ft
BOBJ1	78	316.4	Before	LC_Dead Load	-4.974E-14	-1.6172
BOBJ1	79	316.4	After	LC_Dead Load	-4.974E-14	-1.6172
BOBJ1	80	327.85	Before	LC_Dead Load	-4.974E-14	-1.6172
BOBJ1	81	327.85	After	LC_Dead Load	5.684E-14	-2.118
BOBJ1	82	339.3	Before	LC_Dead Load	5.684E-14	-2.118
BOBJ1	83	339.3	After	LC_Dead Load	5.684E-14	-2.118
BOBJ1	84	350.7	Before	LC_Dead Load	6.395E-14	-2.118
BOBJ1	85	350.7	After	LC_Dead Load	5.684E-14	-2.118
BOBJ1	86	362.1	Before	LC_Dead Load	7.105E-14	-2.118
BOBJ1	87	362.1	After	LC_Dead Load	4.263E-14	-2.118
BOBJ1	88	373.55	Before	LC_Dead Load	6.395E-14	-2.118
BOBJ1	89	373.55	After	LC_Dead Load	5.684E-14	-2.118
BOBJ1	90	385.	Before	LC_Dead Load	5.684E-14	-2.118
BOBJ1	91	385.	After	LC_Dead Load	6.395E-14	-2.118
BOBJ1	92	396.45	Before	LC_Dead Load	5.684E-14	-2.118
BOBJ1	93	396.45	After	LC_Dead Load	4.263E-14	-2.118
BOBJ1	94	407.9	Before	LC_Dead Load	6.395E-14	-2.118
BOBJ1	95	407.9	After	LC_Dead Load	5.684E-14	-2.118
BOBJ1	96	419.3	Before	LC_Dead Load	6.395E-14	-2.118
BOBJ1	97	419.3	After	LC_Dead Load	6.395E-14	-2.118
BOBJ1	98	430.7	Before	LC_Dead Load	5.684E-14	-2.118
BOBJ1	99	430.7	After	LC_Dead Load	5.684E-14	-2.118
BOBJ1	100	442.15	Before	LC_Dead Load	5.684E-14	-2.118
BOBJ1	101	442.15	After	LC_Dead Load	-4.974E-14	-1.6172
BOBJ1	102	453.6	Before	LC_Dead Load	-4.974E-14	-1.6172
BOBJ1	103	453.6	After	LC_Dead Load	-5.684E-14	-1.6172
BOBJ1	106	465.	Before	LC_Dead Load	0.	-1.1317
BOBJ1	107	465.	After	LC_Dead Load	0.	-1.1317
BOBJ1	108	476.4	Before	LC_Dead Load	0.	-1.1317
BOBJ1	109	476.4	After	LC_Dead Load	0.	-1.1317

Table 34: Bridge Object Forces, Part 3 of 3

BridgeObj	BridgeCut	Distance	LocType	OutputCase	GlobalY	GlobalZ
		ft			ft	ft
BOBJ1	110	487.85	Before	LC_Dead Load	0.	-1.1317
BOBJ1	111	487.85	After	LC_Dead Load	0.	-1.1317
BOBJ1	114	499.3	Before	LC_Dead Load	5.684E-14	-1.5391
BOBJ1	115	499.3	After	LC_Dead Load	5.684E-14	-1.5391
BOBJ1	118	510.7	Before	LC_Dead Load	-4.263E-14	-2.0509
BOBJ1	119	510.7	After	LC_Dead Load	-4.974E-14	-2.0509
BOBJ1	122	522.1	Before	LC_Dead Load	0.	-2.4326
BOBJ1	123	522.1	After	LC_Dead Load	0.	-2.4326
BOBJ1	126	533.55	Before	LC_Dead Load	7.105E-15	-2.7709
BOBJ1	127	533.55	After	LC_Dead Load	7.105E-15	-2.7709
BOBJ1	128	545.	Before	LC_Dead Load	7.105E-15	-2.7709
BOBJ1	129	545.	After	LC_Dead Load	7.105E-15	-2.7709
BOBJ1	130	556.25	Before	LC_Dead Load	7.105E-15	-2.7709
BOBJ1	131	556.25	After	LC_Dead Load	7.105E-15	-2.7709
BOBJ1	134	567.5	Before	LC_Dead Load	0.	-2.4326
BOBJ1	135	567.5	After	LC_Dead Load	0.	-2.4326
BOBJ1	138	578.75	Before	LC_Dead Load	-4.263E-14	-2.0509
BOBJ1	139	578.75	After	LC_Dead Load	-4.263E-14	-2.0509
BOBJ1	142	590.	Before	LC_Dead Load	5.684E-14	-1.5391
BOBJ1	143	590.	After	LC_Dead Load	5.684E-14	-1.5391
BOBJ1	144	601.25	Before	LC_Dead Load	5.684E-14	-1.5391
BOBJ1	145	601.25	After	LC_Dead Load	5.684E-14	-1.5391
BOBJ1	148	612.5	Before	LC_Dead Load	0.	-1.1317
BOBJ1	149	612.5	After	LC_Dead Load	0.	-1.1317
BOBJ1	150	623.75	Before	LC_Dead Load	0.	-1.1317
BOBJ1	151	623.75	After	LC_Dead Load	0.	-1.1317
BOBJ1	152	635.	Before	LC_Dead Load	0.	-1.1317
BOBJ1	153	635.	After	LC_Dead Load	0.	-1.1317
BOBJ1	156	646.25	Before	LC_Dead Load	-1.421E-14	-1.5603
BOBJ1	157	646.25	After	LC_Dead Load	-1.421E-14	-1.5603

Table 34: Bridge Object Forces, Part 3 of 3

BridgeObj	BridgeCut	Distance	LocType	OutputCase	GlobalY	GlobalZ
		ft			ft	ft
BOBJ1	158	657.5	Before	LC_Dead Load	-1.421E-14	-1.5603
BOBJ1	159	657.5	After	LC_Dead Load	-1.421E-14	-1.5603
BOBJ1	160	668.75	Before	LC_Dead Load	-1.421E-14	-1.5603
BOBJ1	161	668.75	After	LC_Dead Load	-1.421E-14	-1.5603
BOBJ1	162	680.	Before	LC_Dead Load	-1.421E-14	-1.5603
BOBJ1	163	680.	After	LC_Dead Load	-1.421E-14	-1.5603
BOBJ1	164	691.25	Before	LC_Dead Load	-1.421E-14	-1.5603
BOBJ1	165	691.25	After	LC_Dead Load	-1.421E-14	-1.5603
BOBJ1	166	702.5	Before	LC_Dead Load	-1.421E-14	-1.5603
BOBJ1	167	702.5	After	LC_Dead Load	-1.421E-14	-1.5603
BOBJ1	168	713.75	Before	LC_Dead Load	-1.421E-14	-1.5603
BOBJ1	169	713.75	After	LC_Dead Load	-1.421E-14	-1.5603
BOBJ1	170	725.	Before	LC_Dead Load	-1.421E-14	-1.5603
BOBJ1	171	725.	After	LC_Dead Load	-1.421E-14	-1.5603
BOBJ1	174	736.25	Before	LC_Dead Load	0.	-1.1317
BOBJ1	175	736.25	After	LC_Dead Load	0.	-1.1317
BOBJ1	176	747.5	Before	LC_Dead Load	0.	-1.1317
BOBJ1	177	747.5	After	LC_Dead Load	0.	-1.1317
BOBJ1	178	758.75	Before	LC_Dead Load	0.	-1.1317
BOBJ1	179	758.75	After	LC_Dead Load	0.	-1.1317
BOBJ1	180	770.	Before	LC_Dead Load	0.	-1.1317
BOBJ1	1	0.	After	LC_Wearing Surface Load	0.	-1.1317
BOBJ1	2	11.25	Before	LC_Wearing Surface Load	0.	-1.1317
BOBJ1	3	11.25	After	LC_Wearing Surface Load	0.	-1.1317
BOBJ1	4	22.5	Before	LC_Wearing Surface Load	0.	-1.1317
BOBJ1	5	22.5	After	LC_Wearing Surface Load	0.	-1.1317
BOBJ1	6	33.75	Before	LC_Wearing Surface Load	0.	-1.1317
BOBJ1	7	33.75	After	LC_Wearing Surface Load	0.	-1.1317
BOBJ1	10	45.	Before	LC_Wearing Surface Load	-1.421E-14	-1.5603
BOBJ1	11	45.	After	LC_Wearing Surface Load	-1.421E-14	-1.5603

Table 34: Bridge Object Forces, Part 3 of 3

BridgeObj	BridgeCut	Distance	LocType	OutputCase	GlobalY	GlobalZ
		ft			ft	ft
BOBJ1	12	56.25	Before	LC_Wearing Surface Load	-1.421E-14	-1.5603
BOBJ1	13	56.25	After	LC_Wearing Surface Load	-1.421E-14	-1.5603
BOBJ1	14	67.5	Before	LC_Wearing Surface Load	-1.421E-14	-1.5603
BOBJ1	15	67.5	After	LC_Wearing Surface Load	-1.421E-14	-1.5603
BOBJ1	16	78.75	Before	LC_Wearing Surface Load	-1.421E-14	-1.5603
BOBJ1	17	78.75	After	LC_Wearing Surface Load	-1.421E-14	-1.5603
BOBJ1	18	90.	Before	LC_Wearing Surface Load	-1.421E-14	-1.5603
BOBJ1	19	90.	After	LC_Wearing Surface Load	-1.421E-14	-1.5603
BOBJ1	20	101.25	Before	LC_Wearing Surface Load	-1.421E-14	-1.5603
BOBJ1	21	101.25	After	LC_Wearing Surface Load	-1.421E-14	-1.5603
BOBJ1	22	112.5	Before	LC_Wearing Surface Load	-1.421E-14	-1.5603
BOBJ1	23	112.5	After	LC_Wearing Surface Load	-1.421E-14	-1.5603
BOBJ1	24	123.75	Before	LC_Wearing Surface Load	-1.421E-14	-1.5603
BOBJ1	25	123.75	After	LC_Wearing Surface Load	-1.421E-14	-1.5603
BOBJ1	28	135.	Before	LC_Wearing Surface Load	0.	-1.1317
BOBJ1	29	135.	After	LC_Wearing Surface Load	0.	-1.1317
BOBJ1	30	146.25	Before	LC_Wearing Surface Load	0.	-1.1317
BOBJ1	31	146.25	After	LC_Wearing Surface Load	0.	-1.1317
BOBJ1	32	157.5	Before	LC_Wearing Surface Load	0.	-1.1317
BOBJ1	33	157.5	After	LC_Wearing Surface Load	0.	-1.1317
BOBJ1	36	168.75	Before	LC_Wearing Surface Load	5.684E-14	-1.5391
BOBJ1	37	168.75	After	LC_Wearing Surface Load	5.684E-14	-1.5391
BOBJ1	38	180.	Before	LC_Wearing Surface Load	5.684E-14	-1.5391
BOBJ1	39	180.	After	LC_Wearing Surface Load	5.684E-14	-1.5391
BOBJ1	42	191.25	Before	LC_Wearing Surface Load	-4.263E-14	-2.0509
BOBJ1	43	191.25	After	LC_Wearing Surface Load	-4.263E-14	-2.0509
BOBJ1	46	202.5	Before	LC_Wearing Surface Load	0.	-2.4326
BOBJ1	47	202.5	After	LC_Wearing Surface Load	0.	-2.4326
BOBJ1	50	213.75	Before	LC_Wearing Surface Load	7.105E-15	-2.7709
BOBJ1	51	213.75	After	LC_Wearing Surface Load	7.105E-15	-2.7709

Table 34: Bridge Object Forces, Part 3 of 3

BridgeObj	BridgeCut	Distance	LocType	OutputCase	GlobalY	GlobalZ
		ft			ft	ft
BOBJ1	52	225.	Before	LC_Wearing Surface Load	7.105E-15	-2.7709
BOBJ1	53	225.	After	LC_Wearing Surface Load	7.105E-15	-2.7709
BOBJ1	54	236.45	Before	LC_Wearing Surface Load	7.105E-15	-2.7709
BOBJ1	55	236.45	After	LC_Wearing Surface Load	7.105E-15	-2.7709
BOBJ1	58	247.9	Before	LC_Wearing Surface Load	0.	-2.4326
BOBJ1	59	247.9	After	LC_Wearing Surface Load	0.	-2.4326
BOBJ1	62	259.3	Before	LC_Wearing Surface Load	-4.263E-14	-2.0509
BOBJ1	63	259.3	After	LC_Wearing Surface Load	-4.263E-14	-2.0509
BOBJ1	66	270.7	Before	LC_Wearing Surface Load	5.684E-14	-1.5391
BOBJ1	67	270.7	After	LC_Wearing Surface Load	5.684E-14	-1.5391
BOBJ1	70	282.15	Before	LC_Wearing Surface Load	0.	-1.1317
BOBJ1	71	282.15	After	LC_Wearing Surface Load	0.	-1.1317
BOBJ1	72	293.6	Before	LC_Wearing Surface Load	0.	-1.1317
BOBJ1	73	293.6	After	LC_Wearing Surface Load	0.	-1.1317
BOBJ1	74	305.	Before	LC_Wearing Surface Load	0.	-1.1317
BOBJ1	75	305.	After	LC_Wearing Surface Load	0.	-1.1317
BOBJ1	78	316.4	Before	LC_Wearing Surface Load	-4.974E-14	-1.6172
BOBJ1	79	316.4	After	LC_Wearing Surface Load	-4.974E-14	-1.6172
BOBJ1	80	327.85	Before	LC_Wearing Surface Load	-4.974E-14	-1.6172
BOBJ1	81	327.85	After	LC_Wearing Surface Load	5.684E-14	-2.118
BOBJ1	82	339.3	Before	LC_Wearing Surface Load	5.684E-14	-2.118
BOBJ1	83	339.3	After	LC_Wearing Surface Load	5.684E-14	-2.118
BOBJ1	84	350.7	Before	LC_Wearing Surface Load	6.395E-14	-2.118
BOBJ1	85	350.7	After	LC_Wearing Surface Load	5.684E-14	-2.118
BOBJ1	86	362.1	Before	LC_Wearing Surface Load	7.105E-14	-2.118
BOBJ1	87	362.1	After	LC_Wearing Surface Load	4.263E-14	-2.118
BOBJ1	88	373.55	Before	LC_Wearing Surface Load	6.395E-14	-2.118
BOBJ1	89	373.55	After	LC_Wearing Surface Load	5.684E-14	-2.118
BOBJ1	90	385.	Before	LC_Wearing Surface Load	5.684E-14	-2.118
BOBJ1	91	385.	After	LC_Wearing Surface Load	6.395E-14	-2.118

Table 34: Bridge Object Forces, Part 3 of 3

BridgeObj	BridgeCut	Distance	LocType	OutputCase	GlobalY	GlobalZ
		ft			ft	ft
BOBJ1	92	396.45	Before	LC_Wearing Surface Load	5.684E-14	-2.118
BOBJ1	93	396.45	After	LC_Wearing Surface Load	4.263E-14	-2.118
BOBJ1	94	407.9	Before	LC_Wearing Surface Load	6.395E-14	-2.118
BOBJ1	95	407.9	After	LC_Wearing Surface Load	5.684E-14	-2.118
BOBJ1	96	419.3	Before	LC_Wearing Surface Load	6.395E-14	-2.118
BOBJ1	97	419.3	After	LC_Wearing Surface Load	6.395E-14	-2.118
BOBJ1	98	430.7	Before	LC_Wearing Surface Load	5.684E-14	-2.118
BOBJ1	99	430.7	After	LC_Wearing Surface Load	5.684E-14	-2.118
BOBJ1	100	442.15	Before	LC_Wearing Surface Load	5.684E-14	-2.118
BOBJ1	101	442.15	After	LC_Wearing Surface Load	-4.974E-14	-1.6172
BOBJ1	102	453.6	Before	LC_Wearing Surface Load	-4.974E-14	-1.6172
BOBJ1	103	453.6	After	LC_Wearing Surface Load	-5.684E-14	-1.6172
BOBJ1	106	465.	Before	LC_Wearing Surface Load	0.	-1.1317
BOBJ1	107	465.	After	LC_Wearing Surface Load	0.	-1.1317
BOBJ1	108	476.4	Before	LC_Wearing Surface Load	0.	-1.1317
BOBJ1	109	476.4	After	LC_Wearing Surface Load	0.	-1.1317
BOBJ1	110	487.85	Before	LC_Wearing Surface Load	0.	-1.1317
BOBJ1	111	487.85	After	LC_Wearing Surface Load	0.	-1.1317
BOBJ1	114	499.3	Before	LC_Wearing Surface Load	5.684E-14	-1.5391
BOBJ1	115	499.3	After	LC_Wearing Surface Load	5.684E-14	-1.5391
BOBJ1	118	510.7	Before	LC_Wearing Surface Load	-4.263E-14	-2.0509
BOBJ1	119	510.7	After	LC_Wearing Surface Load	-4.974E-14	-2.0509
BOBJ1	122	522.1	Before	LC_Wearing Surface Load	0.	-2.4326
BOBJ1	123	522.1	After	LC_Wearing Surface Load	0.	-2.4326
BOBJ1	126	533.55	Before	LC_Wearing Surface Load	7.105E-15	-2.7709
BOBJ1	127	533.55	After	LC_Wearing Surface Load	7.105E-15	-2.7709
BOBJ1	128	545.	Before	LC_Wearing Surface Load	7.105E-15	-2.7709
BOBJ1	129	545.	After	LC_Wearing Surface Load	7.105E-15	-2.7709
BOBJ1	130	556.25	Before	LC_Wearing Surface Load	7.105E-15	-2.7709
BOBJ1	131	556.25	After	LC_Wearing Surface Load	7.105E-15	-2.7709

Table 34: Bridge Object Forces, Part 3 of 3

BridgeObj	BridgeCut	Distance	LocType	OutputCase	GlobalY	GlobalZ
		ft			ft	ft
BOBJ1	134	567.5	Before	LC_Wearing Surface Load	0.	-2.4326
BOBJ1	135	567.5	After	LC_Wearing Surface Load	0.	-2.4326
BOBJ1	138	578.75	Before	LC_Wearing Surface Load	-4.263E-14	-2.0509
BOBJ1	139	578.75	After	LC_Wearing Surface Load	-4.263E-14	-2.0509
BOBJ1	142	590.	Before	LC_Wearing Surface Load	5.684E-14	-1.5391
BOBJ1	143	590.	After	LC_Wearing Surface Load	5.684E-14	-1.5391
BOBJ1	144	601.25	Before	LC_Wearing Surface Load	5.684E-14	-1.5391
BOBJ1	145	601.25	After	LC_Wearing Surface Load	5.684E-14	-1.5391
BOBJ1	148	612.5	Before	LC_Wearing Surface Load	0.	-1.1317
BOBJ1	149	612.5	After	LC_Wearing Surface Load	0.	-1.1317
BOBJ1	150	623.75	Before	LC_Wearing Surface Load	0.	-1.1317
BOBJ1	151	623.75	After	LC_Wearing Surface Load	0.	-1.1317
BOBJ1	152	635.	Before	LC_Wearing Surface Load	0.	-1.1317
BOBJ1	153	635.	After	LC_Wearing Surface Load	0.	-1.1317
BOBJ1	156	646.25	Before	LC_Wearing Surface Load	-1.421E-14	-1.5603
BOBJ1	157	646.25	After	LC_Wearing Surface Load	-1.421E-14	-1.5603
BOBJ1	158	657.5	Before	LC_Wearing Surface Load	-1.421E-14	-1.5603
BOBJ1	159	657.5	After	LC_Wearing Surface Load	-1.421E-14	-1.5603
BOBJ1	160	668.75	Before	LC_Wearing Surface Load	-1.421E-14	-1.5603
BOBJ1	161	668.75	After	LC_Wearing Surface Load	-1.421E-14	-1.5603
BOBJ1	162	680.	Before	LC_Wearing Surface Load	-1.421E-14	-1.5603
BOBJ1	163	680.	After	LC_Wearing Surface Load	-1.421E-14	-1.5603
BOBJ1	164	691.25	Before	LC_Wearing Surface Load	-1.421E-14	-1.5603
BOBJ1	165	691.25	After	LC_Wearing Surface Load	-1.421E-14	-1.5603
BOBJ1	166	702.5	Before	LC_Wearing Surface Load	-1.421E-14	-1.5603
BOBJ1	167	702.5	After	LC_Wearing Surface Load	-1.421E-14	-1.5603
BOBJ1	168	713.75	Before	LC_Wearing Surface Load	-1.421E-14	-1.5603
BOBJ1	169	713.75	After	LC_Wearing Surface Load	-1.421E-14	-1.5603
BOBJ1	170	725.	Before	LC_Wearing Surface Load	-1.421E-14	-1.5603
BOBJ1	171	725.	After	LC_Wearing Surface Load	-1.421E-14	-1.5603

Table 34: Bridge Object Forces, Part 3 of 3

BridgeObj	BridgeCut	Distance	LocType	OutputCase	GlobalY	GlobalZ
		ft			ft	ft
BOBJ1	174	736.25	Before	LC_Wearing Surface Load	0.	-1.1317
BOBJ1	175	736.25	After	LC_Wearing Surface Load	0.	-1.1317
BOBJ1	176	747.5	Before	LC_Wearing Surface Load	0.	-1.1317
BOBJ1	177	747.5	After	LC_Wearing Surface Load	0.	-1.1317
BOBJ1	178	758.75	Before	LC_Wearing Surface Load	0.	-1.1317
BOBJ1	179	758.75	After	LC_Wearing Surface Load	0.	-1.1317
BOBJ1	180	770.	Before	LC_Wearing Surface Load	0.	-1.1317

10. Material take-off

This section provides a material take-off.

Table 35: Material List 2 - By Section Property

Table 35: Material List 2 - By Section Property

Section	ObjectType	NumPieces	TotalLength	TotalWeight
			ft	Kip
W30x108	Frame	105	1872.5	242.38
W30x132	Frame	70	682.5561	108.418
Int. FB_diag	Frame	210	3232.3998	57.547
Int. FB_BC	Frame	105	1872.5	49.364
Bent Cap	Frame	2	164.	9840.
FSEC2	Frame	192	1822.5651	139.191
FSEC3	Frame	140	1791.53	44.807
FSEC4	Frame	144	1401.7699	184.321
FSEC5	Frame	80	360.2863	58.4
FSEC6	Frame	64	389.4368	96.519
FSEC7	Frame	64	474.1357	152.36
FSEC8	Frame	64	463.104	182.853
FSEC9	Frame	32	334.3024	58.283
FSEC12	Frame	80	914.4	237.828
ST6 x 22.5	Frame	272	3920.3155	52.903
ASEC1	Area			4392.066
ASEC2	Area			3946.73
Pinned_BC	Link	83		0.
BFIXSS-1	Link	16		0.
Vertical only-1	Link	8		0.
BFSFIX-2	Link	8		0.
BBRG1-1	Link	8		0.



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CSiBridge Analysis and Design Report

Prepared by

Gresham Smith

Model Name: 19SR0060015-Stringer.bdb

13 June 2020

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1. Model geometry

This section provides model geometry information, including items such as the layout line and lane definitions.

1.1. Layout Line

Table 1: Bridge Layout Line 2 - Horizontal Layout Data, Part 1 of 2

Table 1: Bridge Layout Line 2 - Horizontal Layout Data, Part 1 of 2

LayoutLine	SegType	Station	Radius	Bearing	CoordSys	X
		ft	ft			ft
Bridge Layout	Initial Station and Bearing	0.		N900000E	GLOBAL	0.
Bridge Layout	Straight at Previous Bearing to End	120.			GLOBAL	120.

Table 1: Bridge Layout Line 2 - Horizontal Layout Data, Part 2 of 2

Table 1: Bridge Layout Line 2 - Horizontal Layout Data, Part 2 of 2

LayoutLine	Y	GlobalX	GlobalY
	ft	ft	ft
Bridge Layout	0.	0.	0.
Bridge Layout	0.	120.	0.

Table 2: Bridge Layout Line 3 - Vertical Layout Data

Table 2: Bridge Layout Line 3 - Vertical Layout Data

LayoutLine	SegType	Station	Grade	CoordSys	Z	GlobalZ
		ft	Percent		ft	ft
Bridge Layout	Initial Station, Elevation Z and Grade	0.	0.	GLOBAL	0.	0.
Bridge Layout	Constant at Previous Grade to End	120.	0.	GLOBAL	0.	0.

1.2. Lanes

Table 3: Lane Definition Data, Part 1 of 2

Table 3: Lane Definition Data, Part 1 of 2

Lane	LaneFrom	LayoutLine	Station	LaneType	Width	Offset	Radius	LoadGroup
			ft		ft	ft	ft	
LANE1	Layout Line	Bridge Layout	0.	Fixed Lane	10.	20.	0.	Default
LANE1	Layout Line	Bridge Layout	30.		10.	20.	0.	Default
LANE2	Layout Line	Bridge Layout	0.	Fixed Lane	10.	10.	0.	Default

Table 3: Lane Definition Data, Part 1 of 2

Lane	LaneFrom	LayoutLine	Station	LaneType	Width	Offset	Radius	LoadGroup
			ft		ft	ft	ft	
LANE2	Layout Line	Bridge Layout	30.		10.	10.	0.	Default
LANE3	Layout Line	Bridge Layout	0.	Fixed Lane	10.	0.	0.	Default
LANE3	Layout Line	Bridge Layout	30.		10.	0.	0.	Default
LANE4	Layout Line	Bridge Layout	0.	Fixed Lane	10.	-10.	0.	Default
LANE4	Layout Line	Bridge Layout	30.		10.	-10.	0.	Default
LANE5	Layout Line	Bridge Layout	0.	Fixed Lane	10.	-20.	0.	Default
LANE5	Layout Line	Bridge Layout	30.		10.	-20.	0.	Default

Table 3: Lane Definition Data, Part 2 of 2

Table 3: Lane Definition Data, Part 2 of 2

Lane	DiscAlong	DiscAcross	DiscSpan	DiscLane	LeftType	RightType	Color	Notes
	ft	ft						
LANE1	3.	3.	No	No	Interior	Interior	Magenta	
LANE1								
LANE2	3.	3.	No	No	Interior	Interior	Gray8Dark	
LANE2								
LANE3	3.	3.	No	No	Interior	Interior	Blue	
LANE3								
LANE4	30.	30.	No	No	Interior	Interior	Red	
LANE4								
LANE5	3.	3.	No	No	Interior	Interior	Magenta	
LANE5								

1.3. Spans

Table 4: Bridge Object Definitions 03 - Spans 1 - General

Table 4: Bridge Object Definitions 03 - Spans 1 - General

BridgeObj	SpanName	BridgeSect	Variation
BOBJ1	Span 1	Typical Span	No

1.4. Bridge Sections

Table 5: Bridge Section Definitions 05 - Steel I Girders 1 - General, Part 1 of 4

Table 5: Bridge Section Definitions 05 - Steel I Girders 1 - General, Part 1 of 4

Section	Material	NumIntGird	TotalWidth	GirdLayout	DiffSpacing	DiffHaunch	DiffSection
			ft				
Typical Span	3000Psi	5	56.	Along Layout Line	No	No	Yes

Table 5: Bridge Section Definitions 05 - Steel I Girders 1 - General, Part 2 of 4

Table 5: Bridge Section Definitions 05 - Steel I Girders 1 - General, Part 2 of 4

Section	TopSlabThk	HaunchHSame	GirdAreaObj	LOLength	LOFillDist	LOOuterThk	ROLength	ROFillDist
	ft	ft		ft	ft	ft	ft	ft
Typical Span	0.58333	0.16667	Frame	1.25	1.25	0.58333	1.25	1.25

Table 5: Bridge Section Definitions 05 - Steel I Girders 1 - General, Part 3 of 4

Table 5: Bridge Section Definitions 05 - Steel I Girders 1 - General, Part 3 of 4

Section	ROOuterThk	FHoriz1	FHoriz2	CurbLoc	CurbLeft	CurbRight	CurbMedian
	ft	ft	ft		ft	ft	ft
Typical Span	0.58333	0.	0.	User Defined	1.25	1.25	0.

Table 5: Bridge Section Definitions 05 - Steel I Girders 1 - General, Part 4 of 4

Table 5: Bridge Section Definitions 05 - Steel I Girders 1 - General, Part 4 of 4

Section	CurbMWidth	RefPtOffX	RefPtOffY
	ft	ft	ft
Typical Span	0.	0.	0.

Table 6: Bridge Section Definitions 08 - Steel I Girders 4 - Sections

Table 6: Bridge Section Definitions 08 - Steel I Girders 4 - Sections

Section	GirderNum	GirderSect
Typical Span	1	FSEC2
Typical Span	2	W24x84
Typical Span	3	FSEC2
Typical Span	4	W24x84
Typical Span	5	FSEC2
Typical Span	6	W24x84
Typical Span	7	FSEC2

1.5. Abutments

Table 7: Bridge Abutment Definitions

Table 7: Bridge Abutment Definitions

Abutment	GirderSup	SubType	FSProp
BABT1	Bottom	Spring	Fixed

Table 8: Bridge Object Definitions 06 - Abutments, Part 1 of 2

Table 8: Bridge Object Definitions 06 - Abutments, Part 1 of 2

BridgeObj	Location	SupportName	BearingDir	DiaphProp	SubType	AbutProp	SubElev	HorizOff
							ft	ft
BOBJ1	Start	Start Abutment	Default	FB_Top Chord	Abutment	BABT1	-2.	0.
BOBJ1	End	End Abtument	Default	FB_Top Chord	Abutment	BABT1	-2.	0.

Table 8: Bridge Object Definitions 06 - Abutments, Part 2 of 2

Table 8: Bridge Object Definitions 06 - Abutments, Part 2 of 2

BridgeObj	Location	SupportName	BearProp	BearResProp	BearElev	BearAngle
					ft	Degrees
BOBJ1	Start	Start Abutment	Vertical only	None	-2.	0.
BOBJ1	End	End Abtument	Vertical only	None	-2.	0.

1.6. Bents

Table 9: Bridge Bent Definitions 1 - General

Table 9: Bridge Bent Definitions 1 - General

Bent	BeamLength	BeamSect	Type	GirderSup1	NumCols
	ft				
Int. Bent	82.	Bent Cap	Single	Bottom	0

1.7. Diaphragms

Table 10: Bridge Diaphragm Definitions, Part 1 of 2

Table 10: Bridge Diaphragm Definitions, Part 1 of 2

Diaph	DiaphType	IncConnPlat	Beam	BeamDist	MixedBeam	MatCnPlat	WidthCnPlat	ThickCnPlat
				ft			ft	ft
FB_Top Chord	Single Beam	Yes	W30x108	0.02083	No	Grade 33	0.58333	0.03646

Table 10: Bridge Diaphragm Definitions, Part 2 of 2

Table 10: Bridge Diaphragm Definitions, Part 2 of 2

Diaph	BothSideWeb
FB_Top Chord	Yes

1.8. Bearings

Table 11: Bridge Bearing Definitions

Table 11: Bridge Bearing Definitions

Bearing	Type	U1Type	U2Type	U3Type	R1Type	R2Type	R3Type
BBRG1	User	Fixed	Fixed	Fixed	Free	Free	Free
BBRG2	User	Fixed	Free	Free	Free	Free	Free
BBRG9	User	Fixed	Free	Fixed	Free	Free	Free
Fixed	User	Fixed	Fixed	Fixed	Fixed	Fixed	Fixed
Vertical only	User	Fixed	Free	Free	Free	Free	Free

Table 12: Bridge Model Summary 01 - Bearing Supports

Table 12: Bridge Model Summary 01 - Bearing Supports

BridgeObj	SpanName	Station	Type	Bearing	BearProp	BearElev	BearAngle
		ft				ft	Degrees
BOBJ1	Start Abutment	0.	Abutment	1	Vertical only	-2.	0.
BOBJ1	Start Abutment	0.	Abutment	2	Vertical only	-2.	0.
BOBJ1	Start Abutment	0.	Abutment	3	Vertical only	-2.	0.
BOBJ1	Start Abutment	0.	Abutment	4	Vertical only	-2.	0.
BOBJ1	Start Abutment	0.	Abutment	5	Vertical only	-2.	0.
BOBJ1	Start Abutment	0.	Abutment	6	Vertical only	-2.	0.
BOBJ1	Start Abutment	0.	Abutment	7	Vertical only	-2.	0.
BOBJ1	Span 1	23.	Abutment	1	Vertical only	-2.	0.
BOBJ1	Span 1	23.	Abutment	2	Vertical only	-2.	0.
BOBJ1	Span 1	23.	Abutment	3	Vertical only	-2.	0.
BOBJ1	Span 1	23.	Abutment	4	Vertical only	-2.	0.
BOBJ1	Span 1	23.	Abutment	5	Vertical only	-2.	0.
BOBJ1	Span 1	23.	Abutment	6	Vertical only	-2.	0.
BOBJ1	Span 1	23.	Abutment	7	Vertical only	-2.	0.

2. Material properties

This section provides material property information for materials used in the model.

Table 13: Material Properties 02 - Basic Mechanical Properties

Table 13: Material Properties 02 - Basic Mechanical Properties

Material	UnitWeight	UnitMass	E1	G12	U12	A1
	Kip/ft3	Kip-s2/ft4	Kip/ft2	Kip/ft2		1/F
3000Psi	1.5000E-01	4.6621E-03	449570.68	187321.12	0.2	5.5000E-06
3000Psi-mod	1.5000E-01	4.6621E-03	4496000.	1873333.33	0.2	5.5000E-06
4000Psi	1.5000E-01	4.6621E-03	519119.5	216299.79	0.2	5.5000E-06
A36	4.9000E-01	1.5230E-02	4176000.	1606153.85	0.3	6.5000E-06
A416Gr270	4.9000E-01	1.5230E-02	4104000.			6.5000E-06
A615Gr60	4.9000E-01	1.5230E-02	4176000.			6.5000E-06
A709Gr50	4.9000E-01	1.5230E-02	4176000.	1606153.85	0.3	6.5000E-06
Grade 33	5.8800E-01	1.8276E-02	4176000.	1606153.85	0.3	6.5000E-06

Table 14: Material Properties 03a - Steel Data

Table 14: Material Properties 03a - Steel Data

Material	Fy	Fu	FinalSlope
	Kip/ft2	Kip/ft2	
A36	5184.	8352.	-0.1
A709Gr50	7200.	9360.	-0.1
Grade 33	4752.	7488.	-0.1

Table 15: Material Properties 03b - Concrete Data

Table 15: Material Properties 03b - Concrete Data

Material	Fc	eFc	FinalSlope
	Kip/ft2	Kip/ft2	
3000Psi	432.	432.	-0.1
3000Psi-mod	432.	432.	-0.1
4000Psi	576.	576.	-0.1

Table 16: Material Properties 03e - Rebar Data

Table 16: Material Properties 03e - Rebar Data

Material	Fy	Fu	FinalSlope
	Kip/ft2	Kip/ft2	
A615Gr60	8640.	12960.	-0.1

Table 17: Material Properties 03f - Tendon Data

Table 17: Material Properties 03f - Tendon Data

Material	Fy	Fu	FinalSlope
	Kip/ft2	Kip/ft2	
A416Gr270	35294.4	38880.	-0.1

3. Section properties

This section provides section property information for objects used in the model.

3.1. Frames

Table 18: Frame Section Properties 01 - General, Part 1 of 4

Table 18: Frame Section Properties 01 - General, Part 1 of 4

SectionName	Material	Shape	t3	t2	tf	tw	t2b	tfb
			ft	ft	ft	ft	ft	ft
Bent Cap	3000Psi-mod	Rectangular	50.	8.				
BRD1	3000Psi	Bridge Section						
Diapragm @ Pier	3000Psi-mod	Rectangular	4.75	0.75				
FSEC1	4000Psi	Rectangular	5.	4.				
FSEC10	A709Gr50	I/Wide Flange	4.	1.25	0.16667	0.08333	1.25	0.16667
FSEC11	A709Gr50	Built Up I	4.	1.25	0.16667	0.08333	1.25	0.16667
FSEC2	A709Gr50	I/Wide Flange	2.00833	0.75167	0.06417	0.03917	0.75167	0.06417
Int. FB_BC	Grade 33	Tee	0.5025	0.67083	0.04792	0.02792		
Int. FB_diag	Grade 33	Angle	0.5	0.5	0.03125	0.03125		
NPr-BJ1-G0-S1		Nonprismatic						
NPr-BJ1-G0-S2		Nonprismatic						
NPr-BJ1-G0-S3		Nonprismatic						
NPr-BJ1-G1-S1		Nonprismatic						
NPr-BJ1-G1-S2		Nonprismatic						
NPr-BJ1-G1-S3		Nonprismatic						
NPr-BJ1-G2-S1		Nonprismatic						
NPr-BJ1-G2-S2		Nonprismatic						
NPr-BJ1-G2-S3		Nonprismatic						
NPr-BJ1-G3-S1		Nonprismatic						
NPr-BJ1-G3-S2		Nonprismatic						
NPr-BJ1-G3-S3		Nonprismatic						
Pr-BJ1-G0-S1-1	Grade 33	Built Up I	12.95833	1.38542	0.09375	0.09375	1.38542	0.09375
Pr-BJ1-G0-S1-10	Grade 33	Built Up I	13.24083	2.	0.21075	0.21075	2.	0.21075
Pr-BJ1-G0-S1-11	Grade 33	Built Up I	13.36833	2.	0.27325	0.27325	2.	0.27325
Pr-BJ1-G0-S1-12	Grade 33	Built Up I	13.36833	2.	0.27325	0.27325	2.	0.27325
Pr-BJ1-G0-S1-13	Grade 33	Built Up I	13.49417	2.	0.33575	0.33575	2.	0.33575
Pr-BJ1-G0-S1-14	Grade 33	Built Up I	13.49417	2.	0.33575	0.33575	2.	0.33575
Pr-BJ1-G0-S1-2	Grade 33	Built Up I	12.95833	1.38542	0.09375	0.09375	1.38542	0.09375
Pr-BJ1-G0-S1-3	Grade 33	Built Up I	13.07917	1.5	0.14908	0.14908	1.5	0.14908
Pr-BJ1-G0-S1-4	Grade 33	Built Up I	13.07917	1.5	0.14908	0.14908	1.5	0.14908
Pr-BJ1-G0-S1-5	Grade 33	Built Up I	12.95833	1.38542	0.09375	0.09375	1.38542	0.09375
Pr-BJ1-G0-S1-6	Grade 33	Built Up I	12.95833	1.38542	0.09375	0.09375	1.38542	0.09375
Pr-BJ1-G0-S1-7	Grade 33	Built Up I	13.09083	2.	0.13783	0.13783	2.	0.13783
Pr-BJ1-G0-S1-8	Grade 33	Built Up I	13.09083	2.	0.13783	0.13783	2.	0.13783
Pr-BJ1-G0-S1-9	Grade 33	Built Up I	13.24083	2.	0.21075	0.21075	2.	0.21075

Table 18: Frame Section Properties 01 - General, Part 1 of 4

SectionName	Material	Shape	t3	t2	tf	tw	t2b	tfb
			ft	ft	ft	ft	ft	ft
Pr-BJ1-G0-S2-1	Grade 33	Built Up I	13.49417	2.	0.33575	0.33575	2.	0.33575
Pr-BJ1-G0-S2-10	Grade 33	Built Up I	12.95833	1.38542	0.09375	0.09375	1.38542	0.09375
Pr-BJ1-G0-S2-11	Grade 33	Built Up I	13.1125	2.	0.14825	0.14825	2.	0.14825
Pr-BJ1-G0-S2-12	Grade 33	Built Up I	13.1125	2.	0.14825	0.14825	2.	0.14825
Pr-BJ1-G0-S2-13	Grade 33	Built Up I	13.2625	2.	0.22117	0.22117	2.	0.22117
Pr-BJ1-G0-S2-14	Grade 33	Built Up I	13.2625	2.	0.22117	0.22117	2.	0.22117
Pr-BJ1-G0-S2-15	Grade 33	Built Up I	13.1125	2.	0.14825	0.14825	2.	0.14825
Pr-BJ1-G0-S2-16	Grade 33	Built Up I	13.1125	2.	0.14825	0.14825	2.	0.14825
Pr-BJ1-G0-S2-17	Grade 33	Built Up I	12.95833	1.38542	0.09375	0.09375	1.38542	0.09375
Pr-BJ1-G0-S2-18	Grade 33	Built Up I	12.95833	1.38542	0.09375	0.09375	1.38542	0.09375
Pr-BJ1-G0-S2-19	Grade 33	Built Up I	13.09083	2.	0.13783	0.13783	2.	0.13783
Pr-BJ1-G0-S2-2	Grade 33	Built Up I	13.49417	2.	0.33575	0.33575	2.	0.33575
Pr-BJ1-G0-S2-20	Grade 33	Built Up I	13.09083	2.	0.13783	0.13783	2.	0.13783
Pr-BJ1-G0-S2-21	Grade 33	Built Up I	13.24083	2.	0.21075	0.21075	2.	0.21075
Pr-BJ1-G0-S2-22	Grade 33	Built Up I	13.24083	2.	0.21075	0.21075	2.	0.21075
Pr-BJ1-G0-S2-23	Grade 33	Built Up I	13.36833	2.	0.27325	0.27325	2.	0.27325
Pr-BJ1-G0-S2-24	Grade 33	Built Up I	13.36833	2.	0.27325	0.27325	2.	0.27325
Pr-BJ1-G0-S2-25	Grade 33	Built Up I	13.49417	2.	0.33575	0.33575	2.	0.33575
Pr-BJ1-G0-S2-26	Grade 33	Built Up I	13.49417	2.	0.33575	0.33575	2.	0.33575
Pr-BJ1-G0-S2-3	Grade 33	Built Up I	13.36833	2.	0.27325	0.27325	2.	0.27325
Pr-BJ1-G0-S2-4	Grade 33	Built Up I	13.36833	2.	0.27325	0.27325	2.	0.27325
Pr-BJ1-G0-S2-5	Grade 33	Built Up I	13.24083	2.	0.21075	0.21075	2.	0.21075
Pr-BJ1-G0-S2-6	Grade 33	Built Up I	13.24083	2.	0.21075	0.21075	2.	0.21075
Pr-BJ1-G0-S2-7	Grade 33	Built Up I	13.09083	2.	0.13783	0.13783	2.	0.13783
Pr-BJ1-G0-S2-8	Grade 33	Built Up I	13.09083	2.	0.13783	0.13783	2.	0.13783
Pr-BJ1-G0-S2-9	Grade 33	Built Up I	12.95833	1.38542	0.09375	0.09375	1.38542	0.09375
Pr-BJ1-G0-S3-1	Grade 33	Built Up I	13.49417	2.	0.33575	0.33575	2.	0.33575
Pr-BJ1-G0-S3-10	Grade 33	Built Up I	12.95833	1.38542	0.09375	0.09375	1.38542	0.09375
Pr-BJ1-G0-S3-11	Grade 33	Built Up I	13.07917	1.5	0.14908	0.14908	1.5	0.14908
Pr-BJ1-G0-S3-12	Grade 33	Built Up I	13.07917	1.5	0.14908	0.14908	1.5	0.14908
Pr-BJ1-G0-S3-13	Grade 33	Built Up I	12.95833	1.38542	0.09375	0.09375	1.38542	0.09375
Pr-BJ1-G0-S3-14	Grade 33	Built Up I	12.95833	1.38542	0.09375	0.09375	1.38542	0.09375
Pr-BJ1-G0-S3-2	Grade 33	Built Up I	13.49417	2.	0.33575	0.33575	2.	0.33575
Pr-BJ1-G0-S3-3	Grade 33	Built Up I	13.36833	2.	0.27325	0.27325	2.	0.27325
Pr-BJ1-G0-S3-4	Grade 33	Built Up I	13.36833	2.	0.27325	0.27325	2.	0.27325
Pr-BJ1-G0-S3-5	Grade 33	Built Up I	13.24083	2.	0.21075	0.21075	2.	0.21075
Pr-BJ1-G0-S3-6	Grade 33	Built Up I	13.24083	2.	0.21075	0.21075	2.	0.21075
Pr-BJ1-G0-S3-7	Grade 33	Built Up I	13.09083	2.	0.13783	0.13783	2.	0.13783
Pr-BJ1-G0-S3-8	Grade 33	Built Up I	13.09083	2.	0.13783	0.13783	2.	0.13783
Pr-BJ1-G0-S3-9	Grade 33	Built Up I	12.95833	1.38542	0.09375	0.09375	1.38542	0.09375
Pr-BJ1-G1-S1-1	Grade 33	Built Up I	12.95833	1.38542	0.09375	0.09375	1.38542	0.09375
Pr-BJ1-G1-S1-10	Grade 33	Built Up I	13.24083	2.	0.21075	0.21075	2.	0.21075
Pr-BJ1-G1-S1-11	Grade 33	Built Up I	13.36833	2.	0.27325	0.27325	2.	0.27325
Pr-BJ1-G1-S1-12	Grade 33	Built Up I	13.36833	2.	0.27325	0.27325	2.	0.27325
Pr-BJ1-G1-S1-13	Grade 33	Built Up I	13.49417	2.	0.33575	0.33575	2.	0.33575
Pr-BJ1-G1-S1-14	Grade 33	Built Up I	13.49417	2.	0.33575	0.33575	2.	0.33575
Pr-BJ1-G1-S1-2	Grade 33	Built Up I	12.95833	1.38542	0.09375	0.09375	1.38542	0.09375
Pr-BJ1-G1-S1-3	Grade 33	Built Up I	13.07917	1.5	0.14908	0.14908	1.5	0.14908
Pr-BJ1-G1-S1-4	Grade 33	Built Up I	13.07917	1.5	0.14908	0.14908	1.5	0.14908
Pr-BJ1-G1-S1-5	Grade 33	Built Up I	12.95833	1.38542	0.09375	0.09375	1.38542	0.09375
Pr-BJ1-G1-S1-6	Grade 33	Built Up I	12.95833	1.38542	0.09375	0.09375	1.38542	0.09375
Pr-BJ1-G1-S1-7	Grade 33	Built Up I	13.09083	2.	0.13783	0.13783	2.	0.13783
Pr-BJ1-G1-S1-8	Grade 33	Built Up I	13.09083	2.	0.13783	0.13783	2.	0.13783
Pr-BJ1-G1-S1-9	Grade 33	Built Up I	13.24083	2.	0.21075	0.21075	2.	0.21075

Table 18: Frame Section Properties 01 - General, Part 1 of 4

SectionName	Material	Shape	t3	t2	tf	tw	t2b	tfb
			ft	ft	ft	ft	ft	ft
Pr-BJ1-G1-S2-1	Grade 33	Built Up I	13.49417	2.	0.33575	0.33575	2.	0.33575
Pr-BJ1-G1-S2-10	Grade 33	Built Up I	12.95833	1.38542	0.09375	0.09375	1.38542	0.09375
Pr-BJ1-G1-S2-11	Grade 33	Built Up I	13.1125	2.	0.14825	0.14825	2.	0.14825
Pr-BJ1-G1-S2-12	Grade 33	Built Up I	13.1125	2.	0.14825	0.14825	2.	0.14825
Pr-BJ1-G1-S2-13	Grade 33	Built Up I	13.2625	2.	0.22117	0.22117	2.	0.22117
Pr-BJ1-G1-S2-14	Grade 33	Built Up I	13.2625	2.	0.22117	0.22117	2.	0.22117
Pr-BJ1-G1-S2-15	Grade 33	Built Up I	13.1125	2.	0.14825	0.14825	2.	0.14825
Pr-BJ1-G1-S2-16	Grade 33	Built Up I	13.1125	2.	0.14825	0.14825	2.	0.14825
Pr-BJ1-G1-S2-17	Grade 33	Built Up I	12.95833	1.38542	0.09375	0.09375	1.38542	0.09375
Pr-BJ1-G1-S2-18	Grade 33	Built Up I	12.95833	1.38542	0.09375	0.09375	1.38542	0.09375
Pr-BJ1-G1-S2-19	Grade 33	Built Up I	13.09083	2.	0.13783	0.13783	2.	0.13783
Pr-BJ1-G1-S2-2	Grade 33	Built Up I	13.49417	2.	0.33575	0.33575	2.	0.33575
Pr-BJ1-G1-S2-20	Grade 33	Built Up I	13.09083	2.	0.13783	0.13783	2.	0.13783
Pr-BJ1-G1-S2-21	Grade 33	Built Up I	13.24083	2.	0.21075	0.21075	2.	0.21075
Pr-BJ1-G1-S2-22	Grade 33	Built Up I	13.24083	2.	0.21075	0.21075	2.	0.21075
Pr-BJ1-G1-S2-23	Grade 33	Built Up I	13.36833	2.	0.27325	0.27325	2.	0.27325
Pr-BJ1-G1-S2-24	Grade 33	Built Up I	13.36833	2.	0.27325	0.27325	2.	0.27325
Pr-BJ1-G1-S2-25	Grade 33	Built Up I	13.49417	2.	0.33575	0.33575	2.	0.33575
Pr-BJ1-G1-S2-26	Grade 33	Built Up I	13.49417	2.	0.33575	0.33575	2.	0.33575
Pr-BJ1-G1-S2-3	Grade 33	Built Up I	13.36833	2.	0.27325	0.27325	2.	0.27325
Pr-BJ1-G1-S2-4	Grade 33	Built Up I	13.36833	2.	0.27325	0.27325	2.	0.27325
Pr-BJ1-G1-S2-5	Grade 33	Built Up I	13.24083	2.	0.21075	0.21075	2.	0.21075
Pr-BJ1-G1-S2-6	Grade 33	Built Up I	13.24083	2.	0.21075	0.21075	2.	0.21075
Pr-BJ1-G1-S2-7	Grade 33	Built Up I	13.09083	2.	0.13783	0.13783	2.	0.13783
Pr-BJ1-G1-S2-8	Grade 33	Built Up I	13.09083	2.	0.13783	0.13783	2.	0.13783
Pr-BJ1-G1-S2-9	Grade 33	Built Up I	12.95833	1.38542	0.09375	0.09375	1.38542	0.09375
Pr-BJ1-G1-S3-1	Grade 33	Built Up I	13.49417	2.	0.33575	0.33575	2.	0.33575
Pr-BJ1-G1-S3-10	Grade 33	Built Up I	12.95833	1.38542	0.09375	0.09375	1.38542	0.09375
Pr-BJ1-G1-S3-11	Grade 33	Built Up I	13.07917	1.5	0.14908	0.14908	1.5	0.14908
Pr-BJ1-G1-S3-12	Grade 33	Built Up I	13.07917	1.5	0.14908	0.14908	1.5	0.14908
Pr-BJ1-G1-S3-13	Grade 33	Built Up I	12.95833	1.38542	0.09375	0.09375	1.38542	0.09375
Pr-BJ1-G1-S3-14	Grade 33	Built Up I	12.95833	1.38542	0.09375	0.09375	1.38542	0.09375
Pr-BJ1-G1-S3-2	Grade 33	Built Up I	13.49417	2.	0.33575	0.33575	2.	0.33575
Pr-BJ1-G1-S3-3	Grade 33	Built Up I	13.36833	2.	0.27325	0.27325	2.	0.27325
Pr-BJ1-G1-S3-4	Grade 33	Built Up I	13.36833	2.	0.27325	0.27325	2.	0.27325
Pr-BJ1-G1-S3-5	Grade 33	Built Up I	13.24083	2.	0.21075	0.21075	2.	0.21075
Pr-BJ1-G1-S3-6	Grade 33	Built Up I	13.24083	2.	0.21075	0.21075	2.	0.21075
Pr-BJ1-G1-S3-7	Grade 33	Built Up I	13.09083	2.	0.13783	0.13783	2.	0.13783
Pr-BJ1-G1-S3-8	Grade 33	Built Up I	13.09083	2.	0.13783	0.13783	2.	0.13783
Pr-BJ1-G1-S3-9	Grade 33	Built Up I	12.95833	1.38542	0.09375	0.09375	1.38542	0.09375
Pr-BJ1-G2-S1-1	Grade 33	Built Up I	12.95833	1.38542	0.09375	0.09375	1.38542	0.09375
Pr-BJ1-G2-S1-10	Grade 33	Built Up I	13.24083	2.	0.21075	0.21075	2.	0.21075
Pr-BJ1-G2-S1-11	Grade 33	Built Up I	13.36833	2.	0.27325	0.27325	2.	0.27325
Pr-BJ1-G2-S1-12	Grade 33	Built Up I	13.36833	2.	0.27325	0.27325	2.	0.27325
Pr-BJ1-G2-S1-13	Grade 33	Built Up I	13.49417	2.	0.33575	0.33575	2.	0.33575
Pr-BJ1-G2-S1-14	Grade 33	Built Up I	13.49417	2.	0.33575	0.33575	2.	0.33575
Pr-BJ1-G2-S1-2	Grade 33	Built Up I	12.95833	1.38542	0.09375	0.09375	1.38542	0.09375
Pr-BJ1-G2-S1-3	Grade 33	Built Up I	13.07917	1.5	0.14908	0.14908	1.5	0.14908
Pr-BJ1-G2-S1-4	Grade 33	Built Up I	13.07917	1.5	0.14908	0.14908	1.5	0.14908
Pr-BJ1-G2-S1-5	Grade 33	Built Up I	12.95833	1.38542	0.09375	0.09375	1.38542	0.09375
Pr-BJ1-G2-S1-6	Grade 33	Built Up I	12.95833	1.38542	0.09375	0.09375	1.38542	0.09375
Pr-BJ1-G2-S1-7	Grade 33	Built Up I	13.09083	2.	0.13783	0.13783	2.	0.13783
Pr-BJ1-G2-S1-8	Grade 33	Built Up I	13.09083	2.	0.13783	0.13783	2.	0.13783
Pr-BJ1-G2-S1-9	Grade 33	Built Up I	13.24083	2.	0.21075	0.21075	2.	0.21075

Table 18: Frame Section Properties 01 - General, Part 1 of 4

SectionName	Material	Shape	t3	t2	tf	tw	t2b	tfb
			ft	ft	ft	ft	ft	ft
Pr-BJ1-G2-S2-1	Grade 33	Built Up I	13.49417	2.	0.33575	0.33575	2.	0.33575
Pr-BJ1-G2-S2-10	Grade 33	Built Up I	12.95833	1.38542	0.09375	0.09375	1.38542	0.09375
Pr-BJ1-G2-S2-11	Grade 33	Built Up I	13.1125	2.	0.14825	0.14825	2.	0.14825
Pr-BJ1-G2-S2-12	Grade 33	Built Up I	13.1125	2.	0.14825	0.14825	2.	0.14825
Pr-BJ1-G2-S2-13	Grade 33	Built Up I	13.2625	2.	0.22117	0.22117	2.	0.22117
Pr-BJ1-G2-S2-14	Grade 33	Built Up I	13.2625	2.	0.22117	0.22117	2.	0.22117
Pr-BJ1-G2-S2-15	Grade 33	Built Up I	13.1125	2.	0.14825	0.14825	2.	0.14825
Pr-BJ1-G2-S2-16	Grade 33	Built Up I	13.1125	2.	0.14825	0.14825	2.	0.14825
Pr-BJ1-G2-S2-17	Grade 33	Built Up I	12.95833	1.38542	0.09375	0.09375	1.38542	0.09375
Pr-BJ1-G2-S2-18	Grade 33	Built Up I	12.95833	1.38542	0.09375	0.09375	1.38542	0.09375
Pr-BJ1-G2-S2-19	Grade 33	Built Up I	13.09083	2.	0.13783	0.13783	2.	0.13783
Pr-BJ1-G2-S2-2	Grade 33	Built Up I	13.49417	2.	0.33575	0.33575	2.	0.33575
Pr-BJ1-G2-S2-20	Grade 33	Built Up I	13.09083	2.	0.13783	0.13783	2.	0.13783
Pr-BJ1-G2-S2-21	Grade 33	Built Up I	13.24083	2.	0.21075	0.21075	2.	0.21075
Pr-BJ1-G2-S2-22	Grade 33	Built Up I	13.24083	2.	0.21075	0.21075	2.	0.21075
Pr-BJ1-G2-S2-23	Grade 33	Built Up I	13.36833	2.	0.27325	0.27325	2.	0.27325
Pr-BJ1-G2-S2-24	Grade 33	Built Up I	13.36833	2.	0.27325	0.27325	2.	0.27325
Pr-BJ1-G2-S2-25	Grade 33	Built Up I	13.49417	2.	0.33575	0.33575	2.	0.33575
Pr-BJ1-G2-S2-26	Grade 33	Built Up I	13.49417	2.	0.33575	0.33575	2.	0.33575
Pr-BJ1-G2-S2-3	Grade 33	Built Up I	13.36833	2.	0.27325	0.27325	2.	0.27325
Pr-BJ1-G2-S2-4	Grade 33	Built Up I	13.36833	2.	0.27325	0.27325	2.	0.27325
Pr-BJ1-G2-S2-5	Grade 33	Built Up I	13.24083	2.	0.21075	0.21075	2.	0.21075
Pr-BJ1-G2-S2-6	Grade 33	Built Up I	13.24083	2.	0.21075	0.21075	2.	0.21075
Pr-BJ1-G2-S2-7	Grade 33	Built Up I	13.09083	2.	0.13783	0.13783	2.	0.13783
Pr-BJ1-G2-S2-8	Grade 33	Built Up I	13.09083	2.	0.13783	0.13783	2.	0.13783
Pr-BJ1-G2-S2-9	Grade 33	Built Up I	12.95833	1.38542	0.09375	0.09375	1.38542	0.09375
Pr-BJ1-G2-S3-1	Grade 33	Built Up I	13.49417	2.	0.33575	0.33575	2.	0.33575
Pr-BJ1-G2-S3-10	Grade 33	Built Up I	12.95833	1.38542	0.09375	0.09375	1.38542	0.09375
Pr-BJ1-G2-S3-11	Grade 33	Built Up I	13.07917	1.5	0.14908	0.14908	1.5	0.14908
Pr-BJ1-G2-S3-12	Grade 33	Built Up I	13.07917	1.5	0.14908	0.14908	1.5	0.14908
Pr-BJ1-G2-S3-13	Grade 33	Built Up I	12.95833	1.38542	0.09375	0.09375	1.38542	0.09375
Pr-BJ1-G2-S3-14	Grade 33	Built Up I	12.95833	1.38542	0.09375	0.09375	1.38542	0.09375
Pr-BJ1-G2-S3-2	Grade 33	Built Up I	13.49417	2.	0.33575	0.33575	2.	0.33575
Pr-BJ1-G2-S3-3	Grade 33	Built Up I	13.36833	2.	0.27325	0.27325	2.	0.27325
Pr-BJ1-G2-S3-4	Grade 33	Built Up I	13.36833	2.	0.27325	0.27325	2.	0.27325
Pr-BJ1-G2-S3-5	Grade 33	Built Up I	13.24083	2.	0.21075	0.21075	2.	0.21075
Pr-BJ1-G2-S3-6	Grade 33	Built Up I	13.24083	2.	0.21075	0.21075	2.	0.21075
Pr-BJ1-G2-S3-7	Grade 33	Built Up I	13.09083	2.	0.13783	0.13783	2.	0.13783
Pr-BJ1-G2-S3-8	Grade 33	Built Up I	13.09083	2.	0.13783	0.13783	2.	0.13783
Pr-BJ1-G2-S3-9	Grade 33	Built Up I	12.95833	1.38542	0.09375	0.09375	1.38542	0.09375
Pr-BJ1-G3-S1-1	Grade 33	Built Up I	12.95833	1.38542	0.09375	0.09375	1.38542	0.09375
Pr-BJ1-G3-S1-10	Grade 33	Built Up I	13.24083	2.	0.21075	0.21075	2.	0.21075
Pr-BJ1-G3-S1-11	Grade 33	Built Up I	13.36833	2.	0.27325	0.27325	2.	0.27325
Pr-BJ1-G3-S1-12	Grade 33	Built Up I	13.36833	2.	0.27325	0.27325	2.	0.27325
Pr-BJ1-G3-S1-13	Grade 33	Built Up I	13.49417	2.	0.33575	0.33575	2.	0.33575
Pr-BJ1-G3-S1-14	Grade 33	Built Up I	13.49417	2.	0.33575	0.33575	2.	0.33575
Pr-BJ1-G3-S1-2	Grade 33	Built Up I	12.95833	1.38542	0.09375	0.09375	1.38542	0.09375
Pr-BJ1-G3-S1-3	Grade 33	Built Up I	13.07917	1.5	0.14908	0.14908	1.5	0.14908
Pr-BJ1-G3-S1-4	Grade 33	Built Up I	13.07917	1.5	0.14908	0.14908	1.5	0.14908
Pr-BJ1-G3-S1-5	Grade 33	Built Up I	12.95833	1.38542	0.09375	0.09375	1.38542	0.09375
Pr-BJ1-G3-S1-6	Grade 33	Built Up I	12.95833	1.38542	0.09375	0.09375	1.38542	0.09375
Pr-BJ1-G3-S1-7	Grade 33	Built Up I	13.09083	2.	0.13783	0.13783	2.	0.13783
Pr-BJ1-G3-S1-8	Grade 33	Built Up I	13.09083	2.	0.13783	0.13783	2.	0.13783
Pr-BJ1-G3-S1-9	Grade 33	Built Up I	13.24083	2.	0.21075	0.21075	2.	0.21075

Table 18: Frame Section Properties 01 - General, Part 1 of 4

SectionName	Material	Shape	t3	t2	tf	tw	t2b	tfb
			ft	ft	ft	ft	ft	ft
Pr-BJ1-G3-S2-1	Grade 33	Built Up I	13.49417	2.	0.33575	0.33575	2.	0.33575
Pr-BJ1-G3-S2-10	Grade 33	Built Up I	12.95833	1.38542	0.09375	0.09375	1.38542	0.09375
Pr-BJ1-G3-S2-11	Grade 33	Built Up I	13.1125	2.	0.14825	0.14825	2.	0.14825
Pr-BJ1-G3-S2-12	Grade 33	Built Up I	13.1125	2.	0.14825	0.14825	2.	0.14825
Pr-BJ1-G3-S2-13	Grade 33	Built Up I	13.2625	2.	0.22117	0.22117	2.	0.22117
Pr-BJ1-G3-S2-14	Grade 33	Built Up I	13.2625	2.	0.22117	0.22117	2.	0.22117
Pr-BJ1-G3-S2-15	Grade 33	Built Up I	13.1125	2.	0.14825	0.14825	2.	0.14825
Pr-BJ1-G3-S2-16	Grade 33	Built Up I	13.1125	2.	0.14825	0.14825	2.	0.14825
Pr-BJ1-G3-S2-17	Grade 33	Built Up I	12.95833	1.38542	0.09375	0.09375	1.38542	0.09375
Pr-BJ1-G3-S2-18	Grade 33	Built Up I	12.95833	1.38542	0.09375	0.09375	1.38542	0.09375
Pr-BJ1-G3-S2-19	Grade 33	Built Up I	13.09083	2.	0.13783	0.13783	2.	0.13783
Pr-BJ1-G3-S2-2	Grade 33	Built Up I	13.49417	2.	0.33575	0.33575	2.	0.33575
Pr-BJ1-G3-S2-20	Grade 33	Built Up I	13.09083	2.	0.13783	0.13783	2.	0.13783
Pr-BJ1-G3-S2-21	Grade 33	Built Up I	13.24083	2.	0.21075	0.21075	2.	0.21075
Pr-BJ1-G3-S2-22	Grade 33	Built Up I	13.24083	2.	0.21075	0.21075	2.	0.21075
Pr-BJ1-G3-S2-23	Grade 33	Built Up I	13.36833	2.	0.27325	0.27325	2.	0.27325
Pr-BJ1-G3-S2-24	Grade 33	Built Up I	13.36833	2.	0.27325	0.27325	2.	0.27325
Pr-BJ1-G3-S2-25	Grade 33	Built Up I	13.49417	2.	0.33575	0.33575	2.	0.33575
Pr-BJ1-G3-S2-26	Grade 33	Built Up I	13.49417	2.	0.33575	0.33575	2.	0.33575
Pr-BJ1-G3-S2-3	Grade 33	Built Up I	13.36833	2.	0.27325	0.27325	2.	0.27325
Pr-BJ1-G3-S2-4	Grade 33	Built Up I	13.36833	2.	0.27325	0.27325	2.	0.27325
Pr-BJ1-G3-S2-5	Grade 33	Built Up I	13.24083	2.	0.21075	0.21075	2.	0.21075
Pr-BJ1-G3-S2-6	Grade 33	Built Up I	13.24083	2.	0.21075	0.21075	2.	0.21075
Pr-BJ1-G3-S2-7	Grade 33	Built Up I	13.09083	2.	0.13783	0.13783	2.	0.13783
Pr-BJ1-G3-S2-8	Grade 33	Built Up I	13.09083	2.	0.13783	0.13783	2.	0.13783
Pr-BJ1-G3-S2-9	Grade 33	Built Up I	12.95833	1.38542	0.09375	0.09375	1.38542	0.09375
Pr-BJ1-G3-S3-1	Grade 33	Built Up I	13.49417	2.	0.33575	0.33575	2.	0.33575
Pr-BJ1-G3-S3-10	Grade 33	Built Up I	12.95833	1.38542	0.09375	0.09375	1.38542	0.09375
Pr-BJ1-G3-S3-11	Grade 33	Built Up I	13.07917	1.5	0.14908	0.14908	1.5	0.14908
Pr-BJ1-G3-S3-12	Grade 33	Built Up I	13.07917	1.5	0.14908	0.14908	1.5	0.14908
Pr-BJ1-G3-S3-13	Grade 33	Built Up I	12.95833	1.38542	0.09375	0.09375	1.38542	0.09375
Pr-BJ1-G3-S3-14	Grade 33	Built Up I	12.95833	1.38542	0.09375	0.09375	1.38542	0.09375
Pr-BJ1-G3-S3-2	Grade 33	Built Up I	13.49417	2.	0.33575	0.33575	2.	0.33575
Pr-BJ1-G3-S3-3	Grade 33	Built Up I	13.36833	2.	0.27325	0.27325	2.	0.27325
Pr-BJ1-G3-S3-4	Grade 33	Built Up I	13.36833	2.	0.27325	0.27325	2.	0.27325
Pr-BJ1-G3-S3-5	Grade 33	Built Up I	13.24083	2.	0.21075	0.21075	2.	0.21075
Pr-BJ1-G3-S3-6	Grade 33	Built Up I	13.24083	2.	0.21075	0.21075	2.	0.21075
Pr-BJ1-G3-S3-7	Grade 33	Built Up I	13.09083	2.	0.13783	0.13783	2.	0.13783
Pr-BJ1-G3-S3-8	Grade 33	Built Up I	13.09083	2.	0.13783	0.13783	2.	0.13783
Pr-BJ1-G3-S3-9	Grade 33	Built Up I	12.95833	1.38542	0.09375	0.09375	1.38542	0.09375
ST6 x 22.5	Grade 33	Tee	0.5	0.4167	0.0317	0.0208		
W24x84	Grade 33	I/Wide Flange	2.00833	0.75167	0.06417	0.03917	0.75167	0.06417
W30x108	Grade 33	I/Wide Flange	2.48583	0.87292	0.06333	0.04542	0.87292	0.06333
W30x132	Grade 33	I/Wide Flange	2.52583	0.87875	0.08333	0.05125	0.87875	0.08333

Table 18: Frame Section Properties 01 - General, Part 2 of 4

Table 18: Frame Section Properties 01 - General, Part 2 of 4

SectionName	Area	TorsConst	I33	I22	I23	AS2	AS3
	ft2	ft4	ft4	ft4	ft4	ft2	ft2
Bent Cap	400.	7673.22031	83333.3333	2133.333333	0.	333.3333	333.3333
BRD1	44.2661	4.186281	24.422243	12226.13796	0.	8.2318	29.8213

Table 18: Frame Section Properties 01 - General, Part 2 of 4

SectionName	Area	TorsConst	I33	I22	I23	AS2	AS3
	ft2	ft4	ft4	ft4	ft4	ft2	ft2
Diapragm @ Pier	3.5625	0.601527	6.698242	0.166992	0.	2.9688	2.9688
FSEC1	20.	54.741675	41.666667	26.666667	0.	16.6667	16.6667
FSEC10	0.7222	0.004231	1.873971	0.05443	0.	0.3333	0.3472
FSEC11	0.	0.	0.	0.	0.	0.	0.
FSEC2	0.1715	0.000178	0.114294	0.004552	0.	0.0787	0.0804
Int. FB_BC	0.0448	0.000027	0.000799	0.001206	0.	0.014	0.0268
Int. FB_diag	0.0303	9.621E-06	0.000742	0.000742	0.000443	0.0156	0.0156
NPr-BJ1-G0-S1							
NPr-BJ1-G0-S2							
NPr-BJ1-G0-S3							
NPr-BJ1-G1-S1							
NPr-BJ1-G1-S2							
NPr-BJ1-G1-S3							
NPr-BJ1-G2-S1							
NPr-BJ1-G2-S2							
NPr-BJ1-G2-S3							
NPr-BJ1-G3-S1							
NPr-BJ1-G3-S2							
NPr-BJ1-G3-S3							
Pr-BJ1-G0-S1-1	1.457	0.00422	27.020086	0.042426	0.	1.2148	0.2165
Pr-BJ1-G0-S1-10	3.5447	0.051237	72.783278	0.291	0.	2.7905	0.7025
Pr-BJ1-G0-S1-11	4.5966	0.11089	94.862722	0.386133	0.	3.6529	0.9108
Pr-BJ1-G0-S1-12	4.5966	0.11089	94.862722	0.386133	0.	3.6529	0.9108
Pr-BJ1-G0-S1-13	5.6482	0.204232	117.134527	0.48811	0.	4.5307	1.1192
Pr-BJ1-G0-S1-14	5.6482	0.204232	117.134527	0.48811	0.	4.5307	1.1192
Pr-BJ1-G0-S1-2	1.457	0.00422	27.020086	0.042426	0.	1.2148	0.2165
Pr-BJ1-G0-S1-3	2.3527	0.017119	44.632781	0.087389	0.	1.9499	0.3727
Pr-BJ1-G0-S1-4	2.3527	0.017119	44.632781	0.087389	0.	1.9499	0.3727
Pr-BJ1-G0-S1-5	1.457	0.00422	27.020086	0.042426	0.	1.2148	0.2165
Pr-BJ1-G0-S1-6	1.457	0.00422	27.020086	0.042426	0.	1.2148	0.2165
Pr-BJ1-G0-S1-7	2.3177	0.01445	47.300426	0.186574	0.	1.8044	0.4594
Pr-BJ1-G0-S1-8	2.3177	0.01445	47.300426	0.186574	0.	1.8044	0.4594
Pr-BJ1-G0-S1-9	3.5447	0.051237	72.783278	0.291	0.	2.7905	0.7025
Pr-BJ1-G0-S2-1	5.6482	0.204232	117.134527	0.48811	0.	4.5307	1.1192
Pr-BJ1-G0-S2-10	1.457	0.00422	27.020086	0.042426	0.	1.2148	0.2165
Pr-BJ1-G0-S2-11	2.493	0.017959	50.923571	0.201146	0.	1.9439	0.4942
Pr-BJ1-G0-S2-12	2.493	0.017959	50.923571	0.201146	0.	1.9439	0.4942
Pr-BJ1-G0-S2-13	3.7201	0.059148	76.453485	0.306447	0.	2.9332	0.7372
Pr-BJ1-G0-S2-14	3.7201	0.059148	76.453485	0.306447	0.	2.9332	0.7372
Pr-BJ1-G0-S2-15	2.493	0.017959	50.923571	0.201146	0.	1.9439	0.4942
Pr-BJ1-G0-S2-16	2.493	0.017959	50.923571	0.201146	0.	1.9439	0.4942
Pr-BJ1-G0-S2-17	1.457	0.00422	27.020086	0.042426	0.	1.2148	0.2165
Pr-BJ1-G0-S2-18	1.457	0.00422	27.020086	0.042426	0.	1.2148	0.2165
Pr-BJ1-G0-S2-19	2.3177	0.01445	47.300426	0.186574	0.	1.8044	0.4594
Pr-BJ1-G0-S2-2	5.6482	0.204232	117.134527	0.48811	0.	4.5307	1.1192
Pr-BJ1-G0-S2-20	2.3177	0.01445	47.300426	0.186574	0.	1.8044	0.4594
Pr-BJ1-G0-S2-21	3.5447	0.051237	72.783278	0.291	0.	2.7905	0.7025
Pr-BJ1-G0-S2-22	3.5447	0.051237	72.783278	0.291	0.	2.7905	0.7025
Pr-BJ1-G0-S2-23	4.5966	0.11089	94.862722	0.386133	0.	3.6529	0.9108
Pr-BJ1-G0-S2-24	4.5966	0.11089	94.862722	0.386133	0.	3.6529	0.9108

Table 18: Frame Section Properties 01 - General, Part 2 of 4

SectionName	Area	TorsConst	I33	I22	I23	AS2	AS3
	ft2	ft4	ft4	ft4	ft4	ft2	ft2
Pr-BJ1-G0-S2-25	5.6482	0.204232	117.134527	0.48811	0.	4.5307	1.1192
Pr-BJ1-G0-S2-26	5.6482	0.204232	117.134527	0.48811	0.	4.5307	1.1192
Pr-BJ1-G0-S2-3	4.5966	0.11089	94.862722	0.386133	0.	3.6529	0.9108
Pr-BJ1-G0-S2-4	4.5966	0.11089	94.862722	0.386133	0.	3.6529	0.9108
Pr-BJ1-G0-S2-5	3.5447	0.051237	72.783278	0.291	0.	2.7905	0.7025
Pr-BJ1-G0-S2-6	3.5447	0.051237	72.783278	0.291	0.	2.7905	0.7025
Pr-BJ1-G0-S2-7	2.3177	0.01445	47.300426	0.186574	0.	1.8044	0.4594
Pr-BJ1-G0-S2-8	2.3177	0.01445	47.300426	0.186574	0.	1.8044	0.4594
Pr-BJ1-G0-S2-9	1.457	0.00422	27.020086	0.042426	0.	1.2148	0.2165
Pr-BJ1-G0-S3-1	5.6482	0.204232	117.134527	0.48811	0.	4.5307	1.1192
Pr-BJ1-G0-S3-10	1.457	0.00422	27.020086	0.042426	0.	1.2148	0.2165
Pr-BJ1-G0-S3-11	2.3527	0.017119	44.632781	0.087389	0.	1.9499	0.3727
Pr-BJ1-G0-S3-12	2.3527	0.017119	44.632781	0.087389	0.	1.9499	0.3727
Pr-BJ1-G0-S3-13	1.457	0.00422	27.020086	0.042426	0.	1.2148	0.2165
Pr-BJ1-G0-S3-14	1.457	0.00422	27.020086	0.042426	0.	1.2148	0.2165
Pr-BJ1-G0-S3-2	5.6482	0.204232	117.134527	0.48811	0.	4.5307	1.1192
Pr-BJ1-G0-S3-3	4.5966	0.11089	94.862722	0.386133	0.	3.6529	0.9108
Pr-BJ1-G0-S3-4	4.5966	0.11089	94.862722	0.386133	0.	3.6529	0.9108
Pr-BJ1-G0-S3-5	3.5447	0.051237	72.783278	0.291	0.	2.7905	0.7025
Pr-BJ1-G0-S3-6	3.5447	0.051237	72.783278	0.291	0.	2.7905	0.7025
Pr-BJ1-G0-S3-7	2.3177	0.01445	47.300426	0.186574	0.	1.8044	0.4594
Pr-BJ1-G0-S3-8	2.3177	0.01445	47.300426	0.186574	0.	1.8044	0.4594
Pr-BJ1-G0-S3-9	1.457	0.00422	27.020086	0.042426	0.	1.2148	0.2165
Pr-BJ1-G1-S1-1	1.457	0.00422	27.020086	0.042426	0.	1.2148	0.2165
Pr-BJ1-G1-S1-10	3.5447	0.051237	72.783278	0.291	0.	2.7905	0.7025
Pr-BJ1-G1-S1-11	4.5966	0.11089	94.862722	0.386133	0.	3.6529	0.9108
Pr-BJ1-G1-S1-12	4.5966	0.11089	94.862722	0.386133	0.	3.6529	0.9108
Pr-BJ1-G1-S1-13	5.6482	0.204232	117.134527	0.48811	0.	4.5307	1.1192
Pr-BJ1-G1-S1-14	5.6482	0.204232	117.134527	0.48811	0.	4.5307	1.1192
Pr-BJ1-G1-S1-2	1.457	0.00422	27.020086	0.042426	0.	1.2148	0.2165
Pr-BJ1-G1-S1-3	2.3527	0.017119	44.632781	0.087389	0.	1.9499	0.3727
Pr-BJ1-G1-S1-4	2.3527	0.017119	44.632781	0.087389	0.	1.9499	0.3727
Pr-BJ1-G1-S1-5	1.457	0.00422	27.020086	0.042426	0.	1.2148	0.2165
Pr-BJ1-G1-S1-6	1.457	0.00422	27.020086	0.042426	0.	1.2148	0.2165
Pr-BJ1-G1-S1-7	2.3177	0.01445	47.300426	0.186574	0.	1.8044	0.4594
Pr-BJ1-G1-S1-8	2.3177	0.01445	47.300426	0.186574	0.	1.8044	0.4594
Pr-BJ1-G1-S1-9	3.5447	0.051237	72.783278	0.291	0.	2.7905	0.7025
Pr-BJ1-G1-S2-1	5.6482	0.204232	117.134527	0.48811	0.	4.5307	1.1192
Pr-BJ1-G1-S2-10	1.457	0.00422	27.020086	0.042426	0.	1.2148	0.2165
Pr-BJ1-G1-S2-11	2.493	0.017959	50.923571	0.201146	0.	1.9439	0.4942
Pr-BJ1-G1-S2-12	2.493	0.017959	50.923571	0.201146	0.	1.9439	0.4942
Pr-BJ1-G1-S2-13	3.7201	0.059148	76.453485	0.306447	0.	2.9332	0.7372
Pr-BJ1-G1-S2-14	3.7201	0.059148	76.453485	0.306447	0.	2.9332	0.7372
Pr-BJ1-G1-S2-15	2.493	0.017959	50.923571	0.201146	0.	1.9439	0.4942
Pr-BJ1-G1-S2-16	2.493	0.017959	50.923571	0.201146	0.	1.9439	0.4942
Pr-BJ1-G1-S2-17	1.457	0.00422	27.020086	0.042426	0.	1.2148	0.2165
Pr-BJ1-G1-S2-18	1.457	0.00422	27.020086	0.042426	0.	1.2148	0.2165
Pr-BJ1-G1-S2-19	2.3177	0.01445	47.300426	0.186574	0.	1.8044	0.4594

Table 18: Frame Section Properties 01 - General, Part 2 of 4

SectionName	Area	TorsConst	I33	I22	I23	AS2	AS3
	ft2	ft4	ft4	ft4	ft4	ft2	ft2
Pr-BJ1-G1-S2-2	5.6482	0.204232	117.134527	0.48811	0.	4.5307	1.1192
Pr-BJ1-G1-S2-20	2.3177	0.01445	47.300426	0.186574	0.	1.8044	0.4594
Pr-BJ1-G1-S2-21	3.5447	0.051237	72.783278	0.291	0.	2.7905	0.7025
Pr-BJ1-G1-S2-22	3.5447	0.051237	72.783278	0.291	0.	2.7905	0.7025
Pr-BJ1-G1-S2-23	4.5966	0.11089	94.862722	0.386133	0.	3.6529	0.9108
Pr-BJ1-G1-S2-24	4.5966	0.11089	94.862722	0.386133	0.	3.6529	0.9108
Pr-BJ1-G1-S2-25	5.6482	0.204232	117.134527	0.48811	0.	4.5307	1.1192
Pr-BJ1-G1-S2-26	5.6482	0.204232	117.134527	0.48811	0.	4.5307	1.1192
Pr-BJ1-G1-S2-3	4.5966	0.11089	94.862722	0.386133	0.	3.6529	0.9108
Pr-BJ1-G1-S2-4	4.5966	0.11089	94.862722	0.386133	0.	3.6529	0.9108
Pr-BJ1-G1-S2-5	3.5447	0.051237	72.783278	0.291	0.	2.7905	0.7025
Pr-BJ1-G1-S2-6	3.5447	0.051237	72.783278	0.291	0.	2.7905	0.7025
Pr-BJ1-G1-S2-7	2.3177	0.01445	47.300426	0.186574	0.	1.8044	0.4594
Pr-BJ1-G1-S2-8	2.3177	0.01445	47.300426	0.186574	0.	1.8044	0.4594
Pr-BJ1-G1-S2-9	1.457	0.00422	27.020086	0.042426	0.	1.2148	0.2165
Pr-BJ1-G1-S3-1	5.6482	0.204232	117.134527	0.48811	0.	4.5307	1.1192
Pr-BJ1-G1-S3-10	1.457	0.00422	27.020086	0.042426	0.	1.2148	0.2165
Pr-BJ1-G1-S3-11	2.3527	0.017119	44.632781	0.087389	0.	1.9499	0.3727
Pr-BJ1-G1-S3-12	2.3527	0.017119	44.632781	0.087389	0.	1.9499	0.3727
Pr-BJ1-G1-S3-13	1.457	0.00422	27.020086	0.042426	0.	1.2148	0.2165
Pr-BJ1-G1-S3-14	1.457	0.00422	27.020086	0.042426	0.	1.2148	0.2165
Pr-BJ1-G1-S3-2	5.6482	0.204232	117.134527	0.48811	0.	4.5307	1.1192
Pr-BJ1-G1-S3-3	4.5966	0.11089	94.862722	0.386133	0.	3.6529	0.9108
Pr-BJ1-G1-S3-4	4.5966	0.11089	94.862722	0.386133	0.	3.6529	0.9108
Pr-BJ1-G1-S3-5	3.5447	0.051237	72.783278	0.291	0.	2.7905	0.7025
Pr-BJ1-G1-S3-6	3.5447	0.051237	72.783278	0.291	0.	2.7905	0.7025
Pr-BJ1-G1-S3-7	2.3177	0.01445	47.300426	0.186574	0.	1.8044	0.4594
Pr-BJ1-G1-S3-8	2.3177	0.01445	47.300426	0.186574	0.	1.8044	0.4594
Pr-BJ1-G1-S3-9	1.457	0.00422	27.020086	0.042426	0.	1.2148	0.2165
Pr-BJ1-G2-S1-1	1.457	0.00422	27.020086	0.042426	0.	1.2148	0.2165
Pr-BJ1-G2-S1-10	3.5447	0.051237	72.783278	0.291	0.	2.7905	0.7025
Pr-BJ1-G2-S1-11	4.5966	0.11089	94.862722	0.386133	0.	3.6529	0.9108
Pr-BJ1-G2-S1-12	4.5966	0.11089	94.862722	0.386133	0.	3.6529	0.9108
Pr-BJ1-G2-S1-13	5.6482	0.204232	117.134527	0.48811	0.	4.5307	1.1192
Pr-BJ1-G2-S1-14	5.6482	0.204232	117.134527	0.48811	0.	4.5307	1.1192
Pr-BJ1-G2-S1-2	1.457	0.00422	27.020086	0.042426	0.	1.2148	0.2165
Pr-BJ1-G2-S1-3	2.3527	0.017119	44.632781	0.087389	0.	1.9499	0.3727
Pr-BJ1-G2-S1-4	2.3527	0.017119	44.632781	0.087389	0.	1.9499	0.3727
Pr-BJ1-G2-S1-5	1.457	0.00422	27.020086	0.042426	0.	1.2148	0.2165
Pr-BJ1-G2-S1-6	1.457	0.00422	27.020086	0.042426	0.	1.2148	0.2165
Pr-BJ1-G2-S1-7	2.3177	0.01445	47.300426	0.186574	0.	1.8044	0.4594
Pr-BJ1-G2-S1-8	2.3177	0.01445	47.300426	0.186574	0.	1.8044	0.4594
Pr-BJ1-G2-S1-9	3.5447	0.051237	72.783278	0.291	0.	2.7905	0.7025
Pr-BJ1-G2-S2-1	5.6482	0.204232	117.134527	0.48811	0.	4.5307	1.1192
Pr-BJ1-G2-S2-10	1.457	0.00422	27.020086	0.042426	0.	1.2148	0.2165
Pr-BJ1-G2-S2-11	2.493	0.017959	50.923571	0.201146	0.	1.9439	0.4942
Pr-BJ1-G2-S2-12	2.493	0.017959	50.923571	0.201146	0.	1.9439	0.4942
Pr-BJ1-G2-S2-13	3.7201	0.059148	76.453485	0.306447	0.	2.9332	0.7372

Table 18: Frame Section Properties 01 - General, Part 2 of 4

SectionName	Area	TorsConst	I33	I22	I23	AS2	AS3
	ft2	ft4	ft4	ft4	ft4	ft2	ft2
Pr-BJ1-G2-S2-14	3.7201	0.059148	76.453485	0.306447	0.	2.9332	0.7372
Pr-BJ1-G2-S2-15	2.493	0.017959	50.923571	0.201146	0.	1.9439	0.4942
Pr-BJ1-G2-S2-16	2.493	0.017959	50.923571	0.201146	0.	1.9439	0.4942
Pr-BJ1-G2-S2-17	1.457	0.00422	27.020086	0.042426	0.	1.2148	0.2165
Pr-BJ1-G2-S2-18	1.457	0.00422	27.020086	0.042426	0.	1.2148	0.2165
Pr-BJ1-G2-S2-19	2.3177	0.01445	47.300426	0.186574	0.	1.8044	0.4594
Pr-BJ1-G2-S2-2	5.6482	0.204232	117.134527	0.48811	0.	4.5307	1.1192
Pr-BJ1-G2-S2-20	2.3177	0.01445	47.300426	0.186574	0.	1.8044	0.4594
Pr-BJ1-G2-S2-21	3.5447	0.051237	72.783278	0.291	0.	2.7905	0.7025
Pr-BJ1-G2-S2-22	3.5447	0.051237	72.783278	0.291	0.	2.7905	0.7025
Pr-BJ1-G2-S2-23	4.5966	0.11089	94.862722	0.386133	0.	3.6529	0.9108
Pr-BJ1-G2-S2-24	4.5966	0.11089	94.862722	0.386133	0.	3.6529	0.9108
Pr-BJ1-G2-S2-25	5.6482	0.204232	117.134527	0.48811	0.	4.5307	1.1192
Pr-BJ1-G2-S2-26	5.6482	0.204232	117.134527	0.48811	0.	4.5307	1.1192
Pr-BJ1-G2-S2-3	4.5966	0.11089	94.862722	0.386133	0.	3.6529	0.9108
Pr-BJ1-G2-S2-4	4.5966	0.11089	94.862722	0.386133	0.	3.6529	0.9108
Pr-BJ1-G2-S2-5	3.5447	0.051237	72.783278	0.291	0.	2.7905	0.7025
Pr-BJ1-G2-S2-6	3.5447	0.051237	72.783278	0.291	0.	2.7905	0.7025
Pr-BJ1-G2-S2-7	2.3177	0.01445	47.300426	0.186574	0.	1.8044	0.4594
Pr-BJ1-G2-S2-8	2.3177	0.01445	47.300426	0.186574	0.	1.8044	0.4594
Pr-BJ1-G2-S2-9	1.457	0.00422	27.020086	0.042426	0.	1.2148	0.2165
Pr-BJ1-G2-S3-1	5.6482	0.204232	117.134527	0.48811	0.	4.5307	1.1192
Pr-BJ1-G2-S3-10	1.457	0.00422	27.020086	0.042426	0.	1.2148	0.2165
Pr-BJ1-G2-S3-11	2.3527	0.017119	44.632781	0.087389	0.	1.9499	0.3727
Pr-BJ1-G2-S3-12	2.3527	0.017119	44.632781	0.087389	0.	1.9499	0.3727
Pr-BJ1-G2-S3-13	1.457	0.00422	27.020086	0.042426	0.	1.2148	0.2165
Pr-BJ1-G2-S3-14	1.457	0.00422	27.020086	0.042426	0.	1.2148	0.2165
Pr-BJ1-G2-S3-2	5.6482	0.204232	117.134527	0.48811	0.	4.5307	1.1192
Pr-BJ1-G2-S3-3	4.5966	0.11089	94.862722	0.386133	0.	3.6529	0.9108
Pr-BJ1-G2-S3-4	4.5966	0.11089	94.862722	0.386133	0.	3.6529	0.9108
Pr-BJ1-G2-S3-5	3.5447	0.051237	72.783278	0.291	0.	2.7905	0.7025
Pr-BJ1-G2-S3-6	3.5447	0.051237	72.783278	0.291	0.	2.7905	0.7025
Pr-BJ1-G2-S3-7	2.3177	0.01445	47.300426	0.186574	0.	1.8044	0.4594
Pr-BJ1-G2-S3-8	2.3177	0.01445	47.300426	0.186574	0.	1.8044	0.4594
Pr-BJ1-G2-S3-9	1.457	0.00422	27.020086	0.042426	0.	1.2148	0.2165
Pr-BJ1-G3-S1-1	1.457	0.00422	27.020086	0.042426	0.	1.2148	0.2165
Pr-BJ1-G3-S1-10	3.5447	0.051237	72.783278	0.291	0.	2.7905	0.7025
Pr-BJ1-G3-S1-11	4.5966	0.11089	94.862722	0.386133	0.	3.6529	0.9108
Pr-BJ1-G3-S1-12	4.5966	0.11089	94.862722	0.386133	0.	3.6529	0.9108
Pr-BJ1-G3-S1-13	5.6482	0.204232	117.134527	0.48811	0.	4.5307	1.1192
Pr-BJ1-G3-S1-14	5.6482	0.204232	117.134527	0.48811	0.	4.5307	1.1192
Pr-BJ1-G3-S1-2	1.457	0.00422	27.020086	0.042426	0.	1.2148	0.2165
Pr-BJ1-G3-S1-3	2.3527	0.017119	44.632781	0.087389	0.	1.9499	0.3727
Pr-BJ1-G3-S1-4	2.3527	0.017119	44.632781	0.087389	0.	1.9499	0.3727
Pr-BJ1-G3-S1-5	1.457	0.00422	27.020086	0.042426	0.	1.2148	0.2165
Pr-BJ1-G3-S1-6	1.457	0.00422	27.020086	0.042426	0.	1.2148	0.2165
Pr-BJ1-G3-S1-7	2.3177	0.01445	47.300426	0.186574	0.	1.8044	0.4594
Pr-BJ1-G3-S1-8	2.3177	0.01445	47.300426	0.186574	0.	1.8044	0.4594
Pr-BJ1-G3-S1-9	3.5447	0.051237	72.783278	0.291	0.	2.7905	0.7025

Table 18: Frame Section Properties 01 - General, Part 2 of 4

SectionName	Area	TorsConst	I33	I22	I23	AS2	AS3
	ft2	ft4	ft4	ft4	ft4	ft2	ft2
Pr-BJ1-G3-S2-1	5.6482	0.204232	117.134527	0.48811	0.	4.5307	1.1192
Pr-BJ1-G3-S2-10	1.457	0.00422	27.020086	0.042426	0.	1.2148	0.2165
Pr-BJ1-G3-S2-11	2.493	0.017959	50.923571	0.201146	0.	1.9439	0.4942
Pr-BJ1-G3-S2-12	2.493	0.017959	50.923571	0.201146	0.	1.9439	0.4942
Pr-BJ1-G3-S2-13	3.7201	0.059148	76.453485	0.306447	0.	2.9332	0.7372
Pr-BJ1-G3-S2-14	3.7201	0.059148	76.453485	0.306447	0.	2.9332	0.7372
Pr-BJ1-G3-S2-15	2.493	0.017959	50.923571	0.201146	0.	1.9439	0.4942
Pr-BJ1-G3-S2-16	2.493	0.017959	50.923571	0.201146	0.	1.9439	0.4942
Pr-BJ1-G3-S2-17	1.457	0.00422	27.020086	0.042426	0.	1.2148	0.2165
Pr-BJ1-G3-S2-18	1.457	0.00422	27.020086	0.042426	0.	1.2148	0.2165
Pr-BJ1-G3-S2-19	2.3177	0.01445	47.300426	0.186574	0.	1.8044	0.4594
Pr-BJ1-G3-S2-2	5.6482	0.204232	117.134527	0.48811	0.	4.5307	1.1192
Pr-BJ1-G3-S2-20	2.3177	0.01445	47.300426	0.186574	0.	1.8044	0.4594
Pr-BJ1-G3-S2-21	3.5447	0.051237	72.783278	0.291	0.	2.7905	0.7025
Pr-BJ1-G3-S2-22	3.5447	0.051237	72.783278	0.291	0.	2.7905	0.7025
Pr-BJ1-G3-S2-23	4.5966	0.11089	94.862722	0.386133	0.	3.6529	0.9108
Pr-BJ1-G3-S2-24	4.5966	0.11089	94.862722	0.386133	0.	3.6529	0.9108
Pr-BJ1-G3-S2-25	5.6482	0.204232	117.134527	0.48811	0.	4.5307	1.1192
Pr-BJ1-G3-S2-26	5.6482	0.204232	117.134527	0.48811	0.	4.5307	1.1192
Pr-BJ1-G3-S2-3	4.5966	0.11089	94.862722	0.386133	0.	3.6529	0.9108
Pr-BJ1-G3-S2-4	4.5966	0.11089	94.862722	0.386133	0.	3.6529	0.9108
Pr-BJ1-G3-S2-5	3.5447	0.051237	72.783278	0.291	0.	2.7905	0.7025
Pr-BJ1-G3-S2-6	3.5447	0.051237	72.783278	0.291	0.	2.7905	0.7025
Pr-BJ1-G3-S2-7	2.3177	0.01445	47.300426	0.186574	0.	1.8044	0.4594
Pr-BJ1-G3-S2-8	2.3177	0.01445	47.300426	0.186574	0.	1.8044	0.4594
Pr-BJ1-G3-S2-9	1.457	0.00422	27.020086	0.042426	0.	1.2148	0.2165
Pr-BJ1-G3-S3-1	5.6482	0.204232	117.134527	0.48811	0.	4.5307	1.1192
Pr-BJ1-G3-S3-10	1.457	0.00422	27.020086	0.042426	0.	1.2148	0.2165
Pr-BJ1-G3-S3-11	2.3527	0.017119	44.632781	0.087389	0.	1.9499	0.3727
Pr-BJ1-G3-S3-12	2.3527	0.017119	44.632781	0.087389	0.	1.9499	0.3727
Pr-BJ1-G3-S3-13	1.457	0.00422	27.020086	0.042426	0.	1.2148	0.2165
Pr-BJ1-G3-S3-14	1.457	0.00422	27.020086	0.042426	0.	1.2148	0.2165
Pr-BJ1-G3-S3-2	5.6482	0.204232	117.134527	0.48811	0.	4.5307	1.1192
Pr-BJ1-G3-S3-3	4.5966	0.11089	94.862722	0.386133	0.	3.6529	0.9108
Pr-BJ1-G3-S3-4	4.5966	0.11089	94.862722	0.386133	0.	3.6529	0.9108
Pr-BJ1-G3-S3-5	3.5447	0.051237	72.783278	0.291	0.	2.7905	0.7025
Pr-BJ1-G3-S3-6	3.5447	0.051237	72.783278	0.291	0.	2.7905	0.7025
Pr-BJ1-G3-S3-7	2.3177	0.01445	47.300426	0.186574	0.	1.8044	0.4594
Pr-BJ1-G3-S3-8	2.3177	0.01445	47.300426	0.186574	0.	1.8044	0.4594
Pr-BJ1-G3-S3-9	1.457	0.00422	27.020086	0.042426	0.	1.2148	0.2165
ST6 x 22.5	0.023	5.697E-06	0.00053	0.000191	0.	0.0104	0.011
W24x84	0.1715	0.000178	0.114294	0.004552	0.	0.0787	0.0804
W30x108	0.2201	0.000241	0.215567	0.007041	0.	0.1129	0.0921
W30x132	0.2701	0.000469	0.27826	0.009452	0.	0.1295	0.122

Table 18: Frame Section Properties 01 - General, Part 3 of 4

Table 18: Frame Section Properties 01 - General, Part 3 of 4

SectionName	S33	S22	Z33	Z22	R33	R22
	ft3	ft3	ft3	ft3	ft	ft
Bent Cap	3333.333333	533.333333	5000.	800.	14.43376	2.3094
BRD1	11.919439	436.647784	27.288818	734.76056	0.74278	16.61917
Diapragm @ Pier	2.820313	0.445313	4.230469	0.667969	1.37121	0.21651
FSEC1	16.666667	13.333333	25.	20.	1.44338	1.1547
FSEC10	0.936986	0.087088	1.078704	0.136574	1.61082	0.27453
FSEC11	0.	0.	0.	0.	0.	0.
FSEC2	0.11382	0.012113	0.12963	0.018866	0.81629	0.16291
Int. FB_BC	0.001961	0.003596	0.003514	0.005479	0.1335	0.16403
Int. FB_diag	0.002042	0.002042	0.003677	0.003677	0.15656	0.15656
NPr-BJ1-G0-S1						
NPr-BJ1-G0-S2						
NPr-BJ1-G0-S3						
NPr-BJ1-G1-S1						
NPr-BJ1-G1-S2						
NPr-BJ1-G1-S3						
NPr-BJ1-G2-S1						
NPr-BJ1-G2-S2						
NPr-BJ1-G2-S3						
NPr-BJ1-G3-S1						
NPr-BJ1-G3-S2						
NPr-BJ1-G3-S3						
Pr-BJ1-G0-S1-1	4.170303	0.061247	5.493408	0.118032	4.30635	0.17064
Pr-BJ1-G0-S1-10	10.993761	0.291	14.150597	0.563844	4.53135	0.28652
Pr-BJ1-G0-S1-11	14.192154	0.386133	18.386998	0.785837	4.54288	0.28984
Pr-BJ1-G0-S1-12	14.192154	0.386133	18.386998	0.785837	4.54288	0.28984
Pr-BJ1-G0-S1-13	17.360765	0.48811	22.636946	1.032869	4.55394	0.29397
Pr-BJ1-G0-S1-14	17.360765	0.48811	22.636946	1.032869	4.55394	0.29397
Pr-BJ1-G0-S1-2	4.170303	0.061247	5.493408	0.118032	4.30635	0.17064
Pr-BJ1-G0-S1-3	6.825019	0.116518	8.979828	0.238736	4.35557	0.19273
Pr-BJ1-G0-S1-4	6.825019	0.116518	8.979828	0.238736	4.35557	0.19273
Pr-BJ1-G0-S1-5	4.170303	0.061247	5.493408	0.118032	4.30635	0.17064
Pr-BJ1-G0-S1-6	4.170303	0.061247	5.493408	0.118032	4.30635	0.17064
Pr-BJ1-G0-S1-7	7.226496	0.186574	9.229751	0.336532	4.51757	0.28373
Pr-BJ1-G0-S1-8	7.226496	0.186574	9.229751	0.336532	4.51757	0.28373
Pr-BJ1-G0-S1-9	10.993761	0.291	14.150597	0.563844	4.53135	0.28652
Pr-BJ1-G0-S2-1	17.360765	0.48811	22.636946	1.032869	4.55394	0.29397
Pr-BJ1-G0-S2-10	4.170303	0.061247	5.493408	0.118032	4.30635	0.17064
Pr-BJ1-G0-S2-11	7.76718	0.201146	9.93141	0.366918	4.51961	0.28405
Pr-BJ1-G0-S2-12	7.76718	0.201146	9.93141	0.366918	4.51961	0.28405
Pr-BJ1-G0-S2-13	11.529272	0.306447	14.856171	0.599107	4.5334	0.28701
Pr-BJ1-G0-S2-14	11.529272	0.306447	14.856171	0.599107	4.5334	0.28701
Pr-BJ1-G0-S2-15	7.76718	0.201146	9.93141	0.366918	4.51961	0.28405
Pr-BJ1-G0-S2-16	7.76718	0.201146	9.93141	0.366918	4.51961	0.28405
Pr-BJ1-G0-S2-17	4.170303	0.061247	5.493408	0.118032	4.30635	0.17064
Pr-BJ1-G0-S2-18	4.170303	0.061247	5.493408	0.118032	4.30635	0.17064
Pr-BJ1-G0-S2-19	7.226496	0.186574	9.229751	0.336532	4.51757	0.28373
Pr-BJ1-G0-S2-2	17.360765	0.48811	22.636946	1.032869	4.55394	0.29397
Pr-BJ1-G0-S2-20	7.226496	0.186574	9.229751	0.336532	4.51757	0.28373
Pr-BJ1-G0-S2-21	10.993761	0.291	14.150597	0.563844	4.53135	0.28652
Pr-BJ1-G0-S2-22	10.993761	0.291	14.150597	0.563844	4.53135	0.28652
Pr-BJ1-G0-S2-23	14.192154	0.386133	18.386998	0.785837	4.54288	0.28984

Table 18: Frame Section Properties 01 - General, Part 3 of 4

SectionName	S33	S22	Z33	Z22	R33	R22
	ft3	ft3	ft3	ft3	ft	ft
Pr-BJ1-G0-S2-24	14.192154	0.386133	18.386998	0.785837	4.54288	0.28984
Pr-BJ1-G0-S2-25	17.360765	0.48811	22.636946	1.032869	4.55394	0.29397
Pr-BJ1-G0-S2-26	17.360765	0.48811	22.636946	1.032869	4.55394	0.29397
Pr-BJ1-G0-S2-3	14.192154	0.386133	18.386998	0.785837	4.54288	0.28984
Pr-BJ1-G0-S2-4	14.192154	0.386133	18.386998	0.785837	4.54288	0.28984
Pr-BJ1-G0-S2-5	10.993761	0.291	14.150597	0.563844	4.53135	0.28652
Pr-BJ1-G0-S2-6	10.993761	0.291	14.150597	0.563844	4.53135	0.28652
Pr-BJ1-G0-S2-7	7.226496	0.186574	9.229751	0.336532	4.51757	0.28373
Pr-BJ1-G0-S2-8	7.226496	0.186574	9.229751	0.336532	4.51757	0.28373
Pr-BJ1-G0-S2-9	4.170303	0.061247	5.493408	0.118032	4.30635	0.17064
Pr-BJ1-G0-S3-1	17.360765	0.48811	22.636946	1.032869	4.55394	0.29397
Pr-BJ1-G0-S3-10	4.170303	0.061247	5.493408	0.118032	4.30635	0.17064
Pr-BJ1-G0-S3-11	6.825019	0.116518	8.979828	0.238736	4.35557	0.19273
Pr-BJ1-G0-S3-12	6.825019	0.116518	8.979828	0.238736	4.35557	0.19273
Pr-BJ1-G0-S3-13	4.170303	0.061247	5.493408	0.118032	4.30635	0.17064
Pr-BJ1-G0-S3-14	4.170303	0.061247	5.493408	0.118032	4.30635	0.17064
Pr-BJ1-G0-S3-2	17.360765	0.48811	22.636946	1.032869	4.55394	0.29397
Pr-BJ1-G0-S3-3	14.192154	0.386133	18.386998	0.785837	4.54288	0.28984
Pr-BJ1-G0-S3-4	14.192154	0.386133	18.386998	0.785837	4.54288	0.28984
Pr-BJ1-G0-S3-5	10.993761	0.291	14.150597	0.563844	4.53135	0.28652
Pr-BJ1-G0-S3-6	10.993761	0.291	14.150597	0.563844	4.53135	0.28652
Pr-BJ1-G0-S3-7	7.226496	0.186574	9.229751	0.336532	4.51757	0.28373
Pr-BJ1-G0-S3-8	7.226496	0.186574	9.229751	0.336532	4.51757	0.28373
Pr-BJ1-G0-S3-9	4.170303	0.061247	5.493408	0.118032	4.30635	0.17064
Pr-BJ1-G1-S1-1	4.170303	0.061247	5.493408	0.118032	4.30635	0.17064
Pr-BJ1-G1-S1-10	10.993761	0.291	14.150597	0.563844	4.53135	0.28652
Pr-BJ1-G1-S1-11	14.192154	0.386133	18.386998	0.785837	4.54288	0.28984
Pr-BJ1-G1-S1-12	14.192154	0.386133	18.386998	0.785837	4.54288	0.28984
Pr-BJ1-G1-S1-13	17.360765	0.48811	22.636946	1.032869	4.55394	0.29397
Pr-BJ1-G1-S1-14	17.360765	0.48811	22.636946	1.032869	4.55394	0.29397
Pr-BJ1-G1-S1-2	4.170303	0.061247	5.493408	0.118032	4.30635	0.17064
Pr-BJ1-G1-S1-3	6.825019	0.116518	8.979828	0.238736	4.35557	0.19273
Pr-BJ1-G1-S1-4	6.825019	0.116518	8.979828	0.238736	4.35557	0.19273
Pr-BJ1-G1-S1-5	4.170303	0.061247	5.493408	0.118032	4.30635	0.17064
Pr-BJ1-G1-S1-6	4.170303	0.061247	5.493408	0.118032	4.30635	0.17064
Pr-BJ1-G1-S1-7	7.226496	0.186574	9.229751	0.336532	4.51757	0.28373
Pr-BJ1-G1-S1-8	7.226496	0.186574	9.229751	0.336532	4.51757	0.28373
Pr-BJ1-G1-S1-9	10.993761	0.291	14.150597	0.563844	4.53135	0.28652
Pr-BJ1-G1-S2-1	17.360765	0.48811	22.636946	1.032869	4.55394	0.29397
Pr-BJ1-G1-S2-10	4.170303	0.061247	5.493408	0.118032	4.30635	0.17064
Pr-BJ1-G1-S2-11	7.76718	0.201146	9.93141	0.366918	4.51961	0.28405
Pr-BJ1-G1-S2-12	7.76718	0.201146	9.93141	0.366918	4.51961	0.28405
Pr-BJ1-G1-S2-13	11.529272	0.306447	14.856171	0.599107	4.5334	0.28701
Pr-BJ1-G1-S2-14	11.529272	0.306447	14.856171	0.599107	4.5334	0.28701
Pr-BJ1-G1-S2-15	7.76718	0.201146	9.93141	0.366918	4.51961	0.28405
Pr-BJ1-G1-S2-16	7.76718	0.201146	9.93141	0.366918	4.51961	0.28405
Pr-BJ1-G1-S2-17	4.170303	0.061247	5.493408	0.118032	4.30635	0.17064
Pr-BJ1-G1-S2-18	4.170303	0.061247	5.493408	0.118032	4.30635	0.17064
Pr-BJ1-G1-S2-19	7.226496	0.186574	9.229751	0.336532	4.51757	0.28373
Pr-BJ1-G1-S2-2	17.360765	0.48811	22.636946	1.032869	4.55394	0.29397
Pr-BJ1-G1-S2-20	7.226496	0.186574	9.229751	0.336532	4.51757	0.28373
Pr-BJ1-G1-S2-21	10.993761	0.291	14.150597	0.563844	4.53135	0.28652
Pr-BJ1-G1-S2-22	10.993761	0.291	14.150597	0.563844	4.53135	0.28652
Pr-BJ1-G1-S2-23	14.192154	0.386133	18.386998	0.785837	4.54288	0.28984

Table 18: Frame Section Properties 01 - General, Part 3 of 4

SectionName	S33	S22	Z33	Z22	R33	R22
	ft3	ft3	ft3	ft3	ft	ft
Pr-BJ1-G1-S2-24	14.192154	0.386133	18.386998	0.785837	4.54288	0.28984
Pr-BJ1-G1-S2-25	17.360765	0.48811	22.636946	1.032869	4.55394	0.29397
Pr-BJ1-G1-S2-26	17.360765	0.48811	22.636946	1.032869	4.55394	0.29397
Pr-BJ1-G1-S2-3	14.192154	0.386133	18.386998	0.785837	4.54288	0.28984
Pr-BJ1-G1-S2-4	14.192154	0.386133	18.386998	0.785837	4.54288	0.28984
Pr-BJ1-G1-S2-5	10.993761	0.291	14.150597	0.563844	4.53135	0.28652
Pr-BJ1-G1-S2-6	10.993761	0.291	14.150597	0.563844	4.53135	0.28652
Pr-BJ1-G1-S2-7	7.226496	0.186574	9.229751	0.336532	4.51757	0.28373
Pr-BJ1-G1-S2-8	7.226496	0.186574	9.229751	0.336532	4.51757	0.28373
Pr-BJ1-G1-S2-9	4.170303	0.061247	5.493408	0.118032	4.30635	0.17064
Pr-BJ1-G1-S3-1	17.360765	0.48811	22.636946	1.032869	4.55394	0.29397
Pr-BJ1-G1-S3-10	4.170303	0.061247	5.493408	0.118032	4.30635	0.17064
Pr-BJ1-G1-S3-11	6.825019	0.116518	8.979828	0.238736	4.35557	0.19273
Pr-BJ1-G1-S3-12	6.825019	0.116518	8.979828	0.238736	4.35557	0.19273
Pr-BJ1-G1-S3-13	4.170303	0.061247	5.493408	0.118032	4.30635	0.17064
Pr-BJ1-G1-S3-14	4.170303	0.061247	5.493408	0.118032	4.30635	0.17064
Pr-BJ1-G1-S3-2	17.360765	0.48811	22.636946	1.032869	4.55394	0.29397
Pr-BJ1-G1-S3-3	14.192154	0.386133	18.386998	0.785837	4.54288	0.28984
Pr-BJ1-G1-S3-4	14.192154	0.386133	18.386998	0.785837	4.54288	0.28984
Pr-BJ1-G1-S3-5	10.993761	0.291	14.150597	0.563844	4.53135	0.28652
Pr-BJ1-G1-S3-6	10.993761	0.291	14.150597	0.563844	4.53135	0.28652
Pr-BJ1-G1-S3-7	7.226496	0.186574	9.229751	0.336532	4.51757	0.28373
Pr-BJ1-G1-S3-8	7.226496	0.186574	9.229751	0.336532	4.51757	0.28373
Pr-BJ1-G1-S3-9	4.170303	0.061247	5.493408	0.118032	4.30635	0.17064
Pr-BJ1-G2-S1-1	4.170303	0.061247	5.493408	0.118032	4.30635	0.17064
Pr-BJ1-G2-S1-10	10.993761	0.291	14.150597	0.563844	4.53135	0.28652
Pr-BJ1-G2-S1-11	14.192154	0.386133	18.386998	0.785837	4.54288	0.28984
Pr-BJ1-G2-S1-12	14.192154	0.386133	18.386998	0.785837	4.54288	0.28984
Pr-BJ1-G2-S1-13	17.360765	0.48811	22.636946	1.032869	4.55394	0.29397
Pr-BJ1-G2-S1-14	17.360765	0.48811	22.636946	1.032869	4.55394	0.29397
Pr-BJ1-G2-S1-2	4.170303	0.061247	5.493408	0.118032	4.30635	0.17064
Pr-BJ1-G2-S1-3	6.825019	0.116518	8.979828	0.238736	4.35557	0.19273
Pr-BJ1-G2-S1-4	6.825019	0.116518	8.979828	0.238736	4.35557	0.19273
Pr-BJ1-G2-S1-5	4.170303	0.061247	5.493408	0.118032	4.30635	0.17064
Pr-BJ1-G2-S1-6	4.170303	0.061247	5.493408	0.118032	4.30635	0.17064
Pr-BJ1-G2-S1-7	7.226496	0.186574	9.229751	0.336532	4.51757	0.28373
Pr-BJ1-G2-S1-8	7.226496	0.186574	9.229751	0.336532	4.51757	0.28373
Pr-BJ1-G2-S1-9	10.993761	0.291	14.150597	0.563844	4.53135	0.28652
Pr-BJ1-G2-S2-1	17.360765	0.48811	22.636946	1.032869	4.55394	0.29397
Pr-BJ1-G2-S2-10	4.170303	0.061247	5.493408	0.118032	4.30635	0.17064
Pr-BJ1-G2-S2-11	7.76718	0.201146	9.93141	0.366918	4.51961	0.28405
Pr-BJ1-G2-S2-12	7.76718	0.201146	9.93141	0.366918	4.51961	0.28405
Pr-BJ1-G2-S2-13	11.529272	0.306447	14.856171	0.599107	4.5334	0.28701
Pr-BJ1-G2-S2-14	11.529272	0.306447	14.856171	0.599107	4.5334	0.28701
Pr-BJ1-G2-S2-15	7.76718	0.201146	9.93141	0.366918	4.51961	0.28405
Pr-BJ1-G2-S2-16	7.76718	0.201146	9.93141	0.366918	4.51961	0.28405
Pr-BJ1-G2-S2-17	4.170303	0.061247	5.493408	0.118032	4.30635	0.17064
Pr-BJ1-G2-S2-18	4.170303	0.061247	5.493408	0.118032	4.30635	0.17064
Pr-BJ1-G2-S2-19	7.226496	0.186574	9.229751	0.336532	4.51757	0.28373
Pr-BJ1-G2-S2-2	17.360765	0.48811	22.636946	1.032869	4.55394	0.29397
Pr-BJ1-G2-S2-20	7.226496	0.186574	9.229751	0.336532	4.51757	0.28373
Pr-BJ1-G2-S2-21	10.993761	0.291	14.150597	0.563844	4.53135	0.28652
Pr-BJ1-G2-S2-22	10.993761	0.291	14.150597	0.563844	4.53135	0.28652
Pr-BJ1-G2-S2-23	14.192154	0.386133	18.386998	0.785837	4.54288	0.28984

Table 18: Frame Section Properties 01 - General, Part 3 of 4

SectionName	S33	S22	Z33	Z22	R33	R22
	ft3	ft3	ft3	ft3	ft	ft
Pr-BJ1-G2-S2-24	14.192154	0.386133	18.386998	0.785837	4.54288	0.28984
Pr-BJ1-G2-S2-25	17.360765	0.48811	22.636946	1.032869	4.55394	0.29397
Pr-BJ1-G2-S2-26	17.360765	0.48811	22.636946	1.032869	4.55394	0.29397
Pr-BJ1-G2-S2-3	14.192154	0.386133	18.386998	0.785837	4.54288	0.28984
Pr-BJ1-G2-S2-4	14.192154	0.386133	18.386998	0.785837	4.54288	0.28984
Pr-BJ1-G2-S2-5	10.993761	0.291	14.150597	0.563844	4.53135	0.28652
Pr-BJ1-G2-S2-6	10.993761	0.291	14.150597	0.563844	4.53135	0.28652
Pr-BJ1-G2-S2-7	7.226496	0.186574	9.229751	0.336532	4.51757	0.28373
Pr-BJ1-G2-S2-8	7.226496	0.186574	9.229751	0.336532	4.51757	0.28373
Pr-BJ1-G2-S2-9	4.170303	0.061247	5.493408	0.118032	4.30635	0.17064
Pr-BJ1-G2-S3-1	17.360765	0.48811	22.636946	1.032869	4.55394	0.29397
Pr-BJ1-G2-S3-10	4.170303	0.061247	5.493408	0.118032	4.30635	0.17064
Pr-BJ1-G2-S3-11	6.825019	0.116518	8.979828	0.238736	4.35557	0.19273
Pr-BJ1-G2-S3-12	6.825019	0.116518	8.979828	0.238736	4.35557	0.19273
Pr-BJ1-G2-S3-13	4.170303	0.061247	5.493408	0.118032	4.30635	0.17064
Pr-BJ1-G2-S3-14	4.170303	0.061247	5.493408	0.118032	4.30635	0.17064
Pr-BJ1-G2-S3-2	17.360765	0.48811	22.636946	1.032869	4.55394	0.29397
Pr-BJ1-G2-S3-3	14.192154	0.386133	18.386998	0.785837	4.54288	0.28984
Pr-BJ1-G2-S3-4	14.192154	0.386133	18.386998	0.785837	4.54288	0.28984
Pr-BJ1-G2-S3-5	10.993761	0.291	14.150597	0.563844	4.53135	0.28652
Pr-BJ1-G2-S3-6	10.993761	0.291	14.150597	0.563844	4.53135	0.28652
Pr-BJ1-G2-S3-7	7.226496	0.186574	9.229751	0.336532	4.51757	0.28373
Pr-BJ1-G2-S3-8	7.226496	0.186574	9.229751	0.336532	4.51757	0.28373
Pr-BJ1-G2-S3-9	4.170303	0.061247	5.493408	0.118032	4.30635	0.17064
Pr-BJ1-G3-S1-1	4.170303	0.061247	5.493408	0.118032	4.30635	0.17064
Pr-BJ1-G3-S1-10	10.993761	0.291	14.150597	0.563844	4.53135	0.28652
Pr-BJ1-G3-S1-11	14.192154	0.386133	18.386998	0.785837	4.54288	0.28984
Pr-BJ1-G3-S1-12	14.192154	0.386133	18.386998	0.785837	4.54288	0.28984
Pr-BJ1-G3-S1-13	17.360765	0.48811	22.636946	1.032869	4.55394	0.29397
Pr-BJ1-G3-S1-14	17.360765	0.48811	22.636946	1.032869	4.55394	0.29397
Pr-BJ1-G3-S1-2	4.170303	0.061247	5.493408	0.118032	4.30635	0.17064
Pr-BJ1-G3-S1-3	6.825019	0.116518	8.979828	0.238736	4.35557	0.19273
Pr-BJ1-G3-S1-4	6.825019	0.116518	8.979828	0.238736	4.35557	0.19273
Pr-BJ1-G3-S1-5	4.170303	0.061247	5.493408	0.118032	4.30635	0.17064
Pr-BJ1-G3-S1-6	4.170303	0.061247	5.493408	0.118032	4.30635	0.17064
Pr-BJ1-G3-S1-7	7.226496	0.186574	9.229751	0.336532	4.51757	0.28373
Pr-BJ1-G3-S1-8	7.226496	0.186574	9.229751	0.336532	4.51757	0.28373
Pr-BJ1-G3-S1-9	10.993761	0.291	14.150597	0.563844	4.53135	0.28652
Pr-BJ1-G3-S2-1	17.360765	0.48811	22.636946	1.032869	4.55394	0.29397
Pr-BJ1-G3-S2-10	4.170303	0.061247	5.493408	0.118032	4.30635	0.17064
Pr-BJ1-G3-S2-11	7.76718	0.201146	9.93141	0.366918	4.51961	0.28405
Pr-BJ1-G3-S2-12	7.76718	0.201146	9.93141	0.366918	4.51961	0.28405
Pr-BJ1-G3-S2-13	11.529272	0.306447	14.856171	0.599107	4.5334	0.28701
Pr-BJ1-G3-S2-14	11.529272	0.306447	14.856171	0.599107	4.5334	0.28701
Pr-BJ1-G3-S2-15	7.76718	0.201146	9.93141	0.366918	4.51961	0.28405
Pr-BJ1-G3-S2-16	7.76718	0.201146	9.93141	0.366918	4.51961	0.28405
Pr-BJ1-G3-S2-17	4.170303	0.061247	5.493408	0.118032	4.30635	0.17064
Pr-BJ1-G3-S2-18	4.170303	0.061247	5.493408	0.118032	4.30635	0.17064
Pr-BJ1-G3-S2-19	7.226496	0.186574	9.229751	0.336532	4.51757	0.28373
Pr-BJ1-G3-S2-2	17.360765	0.48811	22.636946	1.032869	4.55394	0.29397
Pr-BJ1-G3-S2-20	7.226496	0.186574	9.229751	0.336532	4.51757	0.28373
Pr-BJ1-G3-S2-21	10.993761	0.291	14.150597	0.563844	4.53135	0.28652
Pr-BJ1-G3-S2-22	10.993761	0.291	14.150597	0.563844	4.53135	0.28652
Pr-BJ1-G3-S2-23	14.192154	0.386133	18.386998	0.785837	4.54288	0.28984

Table 18: Frame Section Properties 01 - General, Part 3 of 4

SectionName	S33	S22	Z33	Z22	R33	R22
	ft3	ft3	ft3	ft3	ft	ft
Pr-BJ1-G3-S2-24	14.192154	0.386133	18.386998	0.785837	4.54288	0.28984
Pr-BJ1-G3-S2-25	17.360765	0.48811	22.636946	1.032869	4.55394	0.29397
Pr-BJ1-G3-S2-26	17.360765	0.48811	22.636946	1.032869	4.55394	0.29397
Pr-BJ1-G3-S2-3	14.192154	0.386133	18.386998	0.785837	4.54288	0.28984
Pr-BJ1-G3-S2-4	14.192154	0.386133	18.386998	0.785837	4.54288	0.28984
Pr-BJ1-G3-S2-5	10.993761	0.291	14.150597	0.563844	4.53135	0.28652
Pr-BJ1-G3-S2-6	10.993761	0.291	14.150597	0.563844	4.53135	0.28652
Pr-BJ1-G3-S2-7	7.226496	0.186574	9.229751	0.336532	4.51757	0.28373
Pr-BJ1-G3-S2-8	7.226496	0.186574	9.229751	0.336532	4.51757	0.28373
Pr-BJ1-G3-S2-9	4.170303	0.061247	5.493408	0.118032	4.30635	0.17064
Pr-BJ1-G3-S3-1	17.360765	0.48811	22.636946	1.032869	4.55394	0.29397
Pr-BJ1-G3-S3-10	4.170303	0.061247	5.493408	0.118032	4.30635	0.17064
Pr-BJ1-G3-S3-11	6.825019	0.116518	8.979828	0.238736	4.35557	0.19273
Pr-BJ1-G3-S3-12	6.825019	0.116518	8.979828	0.238736	4.35557	0.19273
Pr-BJ1-G3-S3-13	4.170303	0.061247	5.493408	0.118032	4.30635	0.17064
Pr-BJ1-G3-S3-14	4.170303	0.061247	5.493408	0.118032	4.30635	0.17064
Pr-BJ1-G3-S3-2	17.360765	0.48811	22.636946	1.032869	4.55394	0.29397
Pr-BJ1-G3-S3-3	14.192154	0.386133	18.386998	0.785837	4.54288	0.28984
Pr-BJ1-G3-S3-4	14.192154	0.386133	18.386998	0.785837	4.54288	0.28984
Pr-BJ1-G3-S3-5	10.993761	0.291	14.150597	0.563844	4.53135	0.28652
Pr-BJ1-G3-S3-6	10.993761	0.291	14.150597	0.563844	4.53135	0.28652
Pr-BJ1-G3-S3-7	7.226496	0.186574	9.229751	0.336532	4.51757	0.28373
Pr-BJ1-G3-S3-8	7.226496	0.186574	9.229751	0.336532	4.51757	0.28373
Pr-BJ1-G3-S3-9	4.170303	0.061247	5.493408	0.118032	4.30635	0.17064
ST6 x 22.5	0.001401	0.000919	0.002483	0.001427	0.1519	0.09134
W24x84	0.11382	0.012113	0.12963	0.018866	0.81629	0.16291
W30x108	0.173437	0.016132	0.200231	0.025405	0.98956	0.17884
W30x132	0.220331	0.021513	0.252894	0.033796	1.01492	0.18706

Table 18: Frame Section Properties 01 - General, Part 4 of 4

Table 18: Frame Section Properties 01 - General, Part 4 of 4

SectionName	AMod	A2Mod	A3Mod	JMod	I2Mod	I3Mod	MMod	WMod
Bent Cap	1.	1.	1.	1.	1.	1.	1.	1.
BRD1	1.	1.	1.	1.	1.	1.	0.845545	0.845545
Diapragm @ Pier	1.	1.	1.	1.	1.	1.	1.	1.
FSEC1	1.	1.	1.	1.	1.	1.	1.	1.
FSEC10	1.	1.	1.	1.	1.	1.	1.	1.
FSEC11	1.	1.	1.	1.	1.	1.	1.	1.
FSEC2	10.	10.	10.	10.	10.	10.	1.	1.
Int. FB_BC	1.	1.	1.	1.	1.	1.	1.	1.
Int. FB_diag	1.	1.	1.	1.	1.	1.	1.	1.
NPr-BJ1-G0-S1								
NPr-BJ1-G0-S2								
NPr-BJ1-G0-S3								
NPr-BJ1-G1-S1								
NPr-BJ1-G1-S2								
NPr-BJ1-G1-S3								
NPr-BJ1-G2-S1								
NPr-BJ1-G2-S2								
NPr-BJ1-G2-S3								
NPr-BJ1-G3-S1								

Table 18: Frame Section Properties 01 - General, Part 4 of 4

SectionName	AMod	A2Mod	A3Mod	JMod	I2Mod	I3Mod	MMod	WMod
NPr-BJ1-G3-S2								
NPr-BJ1-G3-S3								
Pr-BJ1-G0-S1-1	1.	1.	1.	1.	1.	1.	1.	1.
Pr-BJ1-G0-S1-10	1.	1.	1.	1.	1.	1.	1.	1.
Pr-BJ1-G0-S1-11	1.	1.	1.	1.	1.	1.	1.	1.
Pr-BJ1-G0-S1-12	1.	1.	1.	1.	1.	1.	1.	1.
Pr-BJ1-G0-S1-13	1.	1.	1.	1.	1.	1.	1.	1.
Pr-BJ1-G0-S1-14	1.	1.	1.	1.	1.	1.	1.	1.
Pr-BJ1-G0-S1-2	1.	1.	1.	1.	1.	1.	1.	1.
Pr-BJ1-G0-S1-3	1.	1.	1.	1.	1.	1.	1.	1.
Pr-BJ1-G0-S1-4	1.	1.	1.	1.	1.	1.	1.	1.
Pr-BJ1-G0-S1-5	1.	1.	1.	1.	1.	1.	1.	1.
Pr-BJ1-G0-S1-6	1.	1.	1.	1.	1.	1.	1.	1.
Pr-BJ1-G0-S1-7	1.	1.	1.	1.	1.	1.	1.	1.
Pr-BJ1-G0-S1-8	1.	1.	1.	1.	1.	1.	1.	1.
Pr-BJ1-G0-S1-9	1.	1.	1.	1.	1.	1.	1.	1.
Pr-BJ1-G0-S2-1	1.	1.	1.	1.	1.	1.	1.	1.
Pr-BJ1-G0-S2-10	1.	1.	1.	1.	1.	1.	1.	1.
Pr-BJ1-G0-S2-11	1.	1.	1.	1.	1.	1.	1.	1.
Pr-BJ1-G0-S2-12	1.	1.	1.	1.	1.	1.	1.	1.
Pr-BJ1-G0-S2-13	1.	1.	1.	1.	1.	1.	1.	1.
Pr-BJ1-G0-S2-14	1.	1.	1.	1.	1.	1.	1.	1.
Pr-BJ1-G0-S2-15	1.	1.	1.	1.	1.	1.	1.	1.
Pr-BJ1-G0-S2-16	1.	1.	1.	1.	1.	1.	1.	1.
Pr-BJ1-G0-S2-17	1.	1.	1.	1.	1.	1.	1.	1.
Pr-BJ1-G0-S2-18	1.	1.	1.	1.	1.	1.	1.	1.
Pr-BJ1-G0-S2-19	1.	1.	1.	1.	1.	1.	1.	1.
Pr-BJ1-G0-S2-2	1.	1.	1.	1.	1.	1.	1.	1.
Pr-BJ1-G0-S2-20	1.	1.	1.	1.	1.	1.	1.	1.
Pr-BJ1-G0-S2-21	1.	1.	1.	1.	1.	1.	1.	1.
Pr-BJ1-G0-S2-22	1.	1.	1.	1.	1.	1.	1.	1.
Pr-BJ1-G0-S2-23	1.	1.	1.	1.	1.	1.	1.	1.
Pr-BJ1-G0-S2-24	1.	1.	1.	1.	1.	1.	1.	1.
Pr-BJ1-G0-S2-25	1.	1.	1.	1.	1.	1.	1.	1.
Pr-BJ1-G0-S2-26	1.	1.	1.	1.	1.	1.	1.	1.
Pr-BJ1-G0-S2-3	1.	1.	1.	1.	1.	1.	1.	1.
Pr-BJ1-G0-S2-4	1.	1.	1.	1.	1.	1.	1.	1.
Pr-BJ1-G0-S2-5	1.	1.	1.	1.	1.	1.	1.	1.
Pr-BJ1-G0-S2-6	1.	1.	1.	1.	1.	1.	1.	1.
Pr-BJ1-G0-S2-7	1.	1.	1.	1.	1.	1.	1.	1.
Pr-BJ1-G0-S2-8	1.	1.	1.	1.	1.	1.	1.	1.
Pr-BJ1-G0-S2-9	1.	1.	1.	1.	1.	1.	1.	1.
Pr-BJ1-G0-S3-1	1.	1.	1.	1.	1.	1.	1.	1.
Pr-BJ1-G0-S3-10	1.	1.	1.	1.	1.	1.	1.	1.
Pr-BJ1-G0-S3-11	1.	1.	1.	1.	1.	1.	1.	1.
Pr-BJ1-G0-S3-12	1.	1.	1.	1.	1.	1.	1.	1.
Pr-BJ1-G0-S3-13	1.	1.	1.	1.	1.	1.	1.	1.
Pr-BJ1-G0-S3-14	1.	1.	1.	1.	1.	1.	1.	1.
Pr-BJ1-G0-S3-2	1.	1.	1.	1.	1.	1.	1.	1.
Pr-BJ1-G0-S3-3	1.	1.	1.	1.	1.	1.	1.	1.
Pr-BJ1-G0-S3-4	1.	1.	1.	1.	1.	1.	1.	1.
Pr-BJ1-G0-S3-5	1.	1.	1.	1.	1.	1.	1.	1.
Pr-BJ1-G0-S3-6	1.	1.	1.	1.	1.	1.	1.	1.
Pr-BJ1-G0-S3-7	1.	1.	1.	1.	1.	1.	1.	1.

Table 18: Frame Section Properties 01 - General, Part 4 of 4

SectionName	AMod	A2Mod	A3Mod	JMod	I2Mod	I3Mod	MMod	WMod
Pr-BJ1-G0-S3-8	1.	1.	1.	1.	1.	1.	1.	1.
Pr-BJ1-G0-S3-9	1.	1.	1.	1.	1.	1.	1.	1.
Pr-BJ1-G1-S1-1	1.	1.	1.	1.	1.	1.	1.	1.
Pr-BJ1-G1-S1-10	1.	1.	1.	1.	1.	1.	1.	1.
Pr-BJ1-G1-S1-11	1.	1.	1.	1.	1.	1.	1.	1.
Pr-BJ1-G1-S1-12	1.	1.	1.	1.	1.	1.	1.	1.
Pr-BJ1-G1-S1-13	1.	1.	1.	1.	1.	1.	1.	1.
Pr-BJ1-G1-S1-14	1.	1.	1.	1.	1.	1.	1.	1.
Pr-BJ1-G1-S1-2	1.	1.	1.	1.	1.	1.	1.	1.
Pr-BJ1-G1-S1-3	1.	1.	1.	1.	1.	1.	1.	1.
Pr-BJ1-G1-S1-4	1.	1.	1.	1.	1.	1.	1.	1.
Pr-BJ1-G1-S1-5	1.	1.	1.	1.	1.	1.	1.	1.
Pr-BJ1-G1-S1-6	1.	1.	1.	1.	1.	1.	1.	1.
Pr-BJ1-G1-S1-7	1.	1.	1.	1.	1.	1.	1.	1.
Pr-BJ1-G1-S1-8	1.	1.	1.	1.	1.	1.	1.	1.
Pr-BJ1-G1-S1-9	1.	1.	1.	1.	1.	1.	1.	1.
Pr-BJ1-G1-S2-1	1.	1.	1.	1.	1.	1.	1.	1.
Pr-BJ1-G1-S2-10	1.	1.	1.	1.	1.	1.	1.	1.
Pr-BJ1-G1-S2-11	1.	1.	1.	1.	1.	1.	1.	1.
Pr-BJ1-G1-S2-12	1.	1.	1.	1.	1.	1.	1.	1.
Pr-BJ1-G1-S2-13	1.	1.	1.	1.	1.	1.	1.	1.
Pr-BJ1-G1-S2-14	1.	1.	1.	1.	1.	1.	1.	1.
Pr-BJ1-G1-S2-15	1.	1.	1.	1.	1.	1.	1.	1.
Pr-BJ1-G1-S2-16	1.	1.	1.	1.	1.	1.	1.	1.
Pr-BJ1-G1-S2-17	1.	1.	1.	1.	1.	1.	1.	1.
Pr-BJ1-G1-S2-18	1.	1.	1.	1.	1.	1.	1.	1.
Pr-BJ1-G1-S2-19	1.	1.	1.	1.	1.	1.	1.	1.
Pr-BJ1-G1-S2-2	1.	1.	1.	1.	1.	1.	1.	1.
Pr-BJ1-G1-S2-20	1.	1.	1.	1.	1.	1.	1.	1.
Pr-BJ1-G1-S2-21	1.	1.	1.	1.	1.	1.	1.	1.
Pr-BJ1-G1-S2-22	1.	1.	1.	1.	1.	1.	1.	1.
Pr-BJ1-G1-S2-23	1.	1.	1.	1.	1.	1.	1.	1.
Pr-BJ1-G1-S2-24	1.	1.	1.	1.	1.	1.	1.	1.
Pr-BJ1-G1-S2-25	1.	1.	1.	1.	1.	1.	1.	1.
Pr-BJ1-G1-S2-26	1.	1.	1.	1.	1.	1.	1.	1.
Pr-BJ1-G1-S2-3	1.	1.	1.	1.	1.	1.	1.	1.
Pr-BJ1-G1-S2-4	1.	1.	1.	1.	1.	1.	1.	1.
Pr-BJ1-G1-S2-5	1.	1.	1.	1.	1.	1.	1.	1.
Pr-BJ1-G1-S2-6	1.	1.	1.	1.	1.	1.	1.	1.
Pr-BJ1-G1-S2-7	1.	1.	1.	1.	1.	1.	1.	1.
Pr-BJ1-G1-S2-8	1.	1.	1.	1.	1.	1.	1.	1.
Pr-BJ1-G1-S2-9	1.	1.	1.	1.	1.	1.	1.	1.
Pr-BJ1-G1-S3-1	1.	1.	1.	1.	1.	1.	1.	1.
Pr-BJ1-G1-S3-10	1.	1.	1.	1.	1.	1.	1.	1.
Pr-BJ1-G1-S3-11	1.	1.	1.	1.	1.	1.	1.	1.
Pr-BJ1-G1-S3-12	1.	1.	1.	1.	1.	1.	1.	1.
Pr-BJ1-G1-S3-13	1.	1.	1.	1.	1.	1.	1.	1.
Pr-BJ1-G1-S3-14	1.	1.	1.	1.	1.	1.	1.	1.
Pr-BJ1-G1-S3-2	1.	1.	1.	1.	1.	1.	1.	1.
Pr-BJ1-G1-S3-3	1.	1.	1.	1.	1.	1.	1.	1.
Pr-BJ1-G1-S3-4	1.	1.	1.	1.	1.	1.	1.	1.
Pr-BJ1-G1-S3-5	1.	1.	1.	1.	1.	1.	1.	1.
Pr-BJ1-G1-S3-6	1.	1.	1.	1.	1.	1.	1.	1.
Pr-BJ1-G1-S3-7	1.	1.	1.	1.	1.	1.	1.	1.

Table 18: Frame Section Properties 01 - General, Part 4 of 4

SectionName	AMod	A2Mod	A3Mod	JMod	I2Mod	I3Mod	MMod	WMod
Pr-BJ1-G1-S3-8	1.	1.	1.	1.	1.	1.	1.	1.
Pr-BJ1-G1-S3-9	1.	1.	1.	1.	1.	1.	1.	1.
Pr-BJ1-G2-S1-1	1.	1.	1.	1.	1.	1.	1.	1.
Pr-BJ1-G2-S1-10	1.	1.	1.	1.	1.	1.	1.	1.
Pr-BJ1-G2-S1-11	1.	1.	1.	1.	1.	1.	1.	1.
Pr-BJ1-G2-S1-12	1.	1.	1.	1.	1.	1.	1.	1.
Pr-BJ1-G2-S1-13	1.	1.	1.	1.	1.	1.	1.	1.
Pr-BJ1-G2-S1-14	1.	1.	1.	1.	1.	1.	1.	1.
Pr-BJ1-G2-S1-2	1.	1.	1.	1.	1.	1.	1.	1.
Pr-BJ1-G2-S1-3	1.	1.	1.	1.	1.	1.	1.	1.
Pr-BJ1-G2-S1-4	1.	1.	1.	1.	1.	1.	1.	1.
Pr-BJ1-G2-S1-5	1.	1.	1.	1.	1.	1.	1.	1.
Pr-BJ1-G2-S1-6	1.	1.	1.	1.	1.	1.	1.	1.
Pr-BJ1-G2-S1-7	1.	1.	1.	1.	1.	1.	1.	1.
Pr-BJ1-G2-S1-8	1.	1.	1.	1.	1.	1.	1.	1.
Pr-BJ1-G2-S1-9	1.	1.	1.	1.	1.	1.	1.	1.
Pr-BJ1-G2-S2-1	1.	1.	1.	1.	1.	1.	1.	1.
Pr-BJ1-G2-S2-10	1.	1.	1.	1.	1.	1.	1.	1.
Pr-BJ1-G2-S2-11	1.	1.	1.	1.	1.	1.	1.	1.
Pr-BJ1-G2-S2-12	1.	1.	1.	1.	1.	1.	1.	1.
Pr-BJ1-G2-S2-13	1.	1.	1.	1.	1.	1.	1.	1.
Pr-BJ1-G2-S2-14	1.	1.	1.	1.	1.	1.	1.	1.
Pr-BJ1-G2-S2-15	1.	1.	1.	1.	1.	1.	1.	1.
Pr-BJ1-G2-S2-16	1.	1.	1.	1.	1.	1.	1.	1.
Pr-BJ1-G2-S2-17	1.	1.	1.	1.	1.	1.	1.	1.
Pr-BJ1-G2-S2-18	1.	1.	1.	1.	1.	1.	1.	1.
Pr-BJ1-G2-S2-19	1.	1.	1.	1.	1.	1.	1.	1.
Pr-BJ1-G2-S2-2	1.	1.	1.	1.	1.	1.	1.	1.
Pr-BJ1-G2-S2-20	1.	1.	1.	1.	1.	1.	1.	1.
Pr-BJ1-G2-S2-21	1.	1.	1.	1.	1.	1.	1.	1.
Pr-BJ1-G2-S2-22	1.	1.	1.	1.	1.	1.	1.	1.
Pr-BJ1-G2-S2-23	1.	1.	1.	1.	1.	1.	1.	1.
Pr-BJ1-G2-S2-24	1.	1.	1.	1.	1.	1.	1.	1.
Pr-BJ1-G2-S2-25	1.	1.	1.	1.	1.	1.	1.	1.
Pr-BJ1-G2-S2-26	1.	1.	1.	1.	1.	1.	1.	1.
Pr-BJ1-G2-S2-3	1.	1.	1.	1.	1.	1.	1.	1.
Pr-BJ1-G2-S2-4	1.	1.	1.	1.	1.	1.	1.	1.
Pr-BJ1-G2-S2-5	1.	1.	1.	1.	1.	1.	1.	1.
Pr-BJ1-G2-S2-6	1.	1.	1.	1.	1.	1.	1.	1.
Pr-BJ1-G2-S2-7	1.	1.	1.	1.	1.	1.	1.	1.
Pr-BJ1-G2-S2-8	1.	1.	1.	1.	1.	1.	1.	1.
Pr-BJ1-G2-S2-9	1.	1.	1.	1.	1.	1.	1.	1.
Pr-BJ1-G2-S3-1	1.	1.	1.	1.	1.	1.	1.	1.
Pr-BJ1-G2-S3-10	1.	1.	1.	1.	1.	1.	1.	1.
Pr-BJ1-G2-S3-11	1.	1.	1.	1.	1.	1.	1.	1.
Pr-BJ1-G2-S3-12	1.	1.	1.	1.	1.	1.	1.	1.
Pr-BJ1-G2-S3-13	1.	1.	1.	1.	1.	1.	1.	1.
Pr-BJ1-G2-S3-14	1.	1.	1.	1.	1.	1.	1.	1.
Pr-BJ1-G2-S3-2	1.	1.	1.	1.	1.	1.	1.	1.
Pr-BJ1-G2-S3-3	1.	1.	1.	1.	1.	1.	1.	1.
Pr-BJ1-G2-S3-4	1.	1.	1.	1.	1.	1.	1.	1.
Pr-BJ1-G2-S3-5	1.	1.	1.	1.	1.	1.	1.	1.
Pr-BJ1-G2-S3-6	1.	1.	1.	1.	1.	1.	1.	1.
Pr-BJ1-G2-S3-7	1.	1.	1.	1.	1.	1.	1.	1.

Table 18: Frame Section Properties 01 - General, Part 4 of 4

SectionName	AMod	A2Mod	A3Mod	JMod	I2Mod	I3Mod	MMod	WMod
Pr-BJ1-G2-S3-8	1.	1.	1.	1.	1.	1.	1.	1.
Pr-BJ1-G2-S3-9	1.	1.	1.	1.	1.	1.	1.	1.
Pr-BJ1-G3-S1-1	1.	1.	1.	1.	1.	1.	1.	1.
Pr-BJ1-G3-S1-10	1.	1.	1.	1.	1.	1.	1.	1.
Pr-BJ1-G3-S1-11	1.	1.	1.	1.	1.	1.	1.	1.
Pr-BJ1-G3-S1-12	1.	1.	1.	1.	1.	1.	1.	1.
Pr-BJ1-G3-S1-13	1.	1.	1.	1.	1.	1.	1.	1.
Pr-BJ1-G3-S1-14	1.	1.	1.	1.	1.	1.	1.	1.
Pr-BJ1-G3-S1-2	1.	1.	1.	1.	1.	1.	1.	1.
Pr-BJ1-G3-S1-3	1.	1.	1.	1.	1.	1.	1.	1.
Pr-BJ1-G3-S1-4	1.	1.	1.	1.	1.	1.	1.	1.
Pr-BJ1-G3-S1-5	1.	1.	1.	1.	1.	1.	1.	1.
Pr-BJ1-G3-S1-6	1.	1.	1.	1.	1.	1.	1.	1.
Pr-BJ1-G3-S1-7	1.	1.	1.	1.	1.	1.	1.	1.
Pr-BJ1-G3-S1-8	1.	1.	1.	1.	1.	1.	1.	1.
Pr-BJ1-G3-S1-9	1.	1.	1.	1.	1.	1.	1.	1.
Pr-BJ1-G3-S2-1	1.	1.	1.	1.	1.	1.	1.	1.
Pr-BJ1-G3-S2-10	1.	1.	1.	1.	1.	1.	1.	1.
Pr-BJ1-G3-S2-11	1.	1.	1.	1.	1.	1.	1.	1.
Pr-BJ1-G3-S2-12	1.	1.	1.	1.	1.	1.	1.	1.
Pr-BJ1-G3-S2-13	1.	1.	1.	1.	1.	1.	1.	1.
Pr-BJ1-G3-S2-14	1.	1.	1.	1.	1.	1.	1.	1.
Pr-BJ1-G3-S2-15	1.	1.	1.	1.	1.	1.	1.	1.
Pr-BJ1-G3-S2-16	1.	1.	1.	1.	1.	1.	1.	1.
Pr-BJ1-G3-S2-17	1.	1.	1.	1.	1.	1.	1.	1.
Pr-BJ1-G3-S2-18	1.	1.	1.	1.	1.	1.	1.	1.
Pr-BJ1-G3-S2-19	1.	1.	1.	1.	1.	1.	1.	1.
Pr-BJ1-G3-S2-2	1.	1.	1.	1.	1.	1.	1.	1.
Pr-BJ1-G3-S2-20	1.	1.	1.	1.	1.	1.	1.	1.
Pr-BJ1-G3-S2-21	1.	1.	1.	1.	1.	1.	1.	1.
Pr-BJ1-G3-S2-22	1.	1.	1.	1.	1.	1.	1.	1.
Pr-BJ1-G3-S2-23	1.	1.	1.	1.	1.	1.	1.	1.
Pr-BJ1-G3-S2-24	1.	1.	1.	1.	1.	1.	1.	1.
Pr-BJ1-G3-S2-25	1.	1.	1.	1.	1.	1.	1.	1.
Pr-BJ1-G3-S2-26	1.	1.	1.	1.	1.	1.	1.	1.
Pr-BJ1-G3-S2-3	1.	1.	1.	1.	1.	1.	1.	1.
Pr-BJ1-G3-S2-4	1.	1.	1.	1.	1.	1.	1.	1.
Pr-BJ1-G3-S2-5	1.	1.	1.	1.	1.	1.	1.	1.
Pr-BJ1-G3-S2-6	1.	1.	1.	1.	1.	1.	1.	1.
Pr-BJ1-G3-S2-7	1.	1.	1.	1.	1.	1.	1.	1.
Pr-BJ1-G3-S2-8	1.	1.	1.	1.	1.	1.	1.	1.
Pr-BJ1-G3-S2-9	1.	1.	1.	1.	1.	1.	1.	1.
Pr-BJ1-G3-S3-1	1.	1.	1.	1.	1.	1.	1.	1.
Pr-BJ1-G3-S3-10	1.	1.	1.	1.	1.	1.	1.	1.
Pr-BJ1-G3-S3-11	1.	1.	1.	1.	1.	1.	1.	1.
Pr-BJ1-G3-S3-12	1.	1.	1.	1.	1.	1.	1.	1.
Pr-BJ1-G3-S3-13	1.	1.	1.	1.	1.	1.	1.	1.
Pr-BJ1-G3-S3-14	1.	1.	1.	1.	1.	1.	1.	1.
Pr-BJ1-G3-S3-2	1.	1.	1.	1.	1.	1.	1.	1.
Pr-BJ1-G3-S3-3	1.	1.	1.	1.	1.	1.	1.	1.
Pr-BJ1-G3-S3-4	1.	1.	1.	1.	1.	1.	1.	1.
Pr-BJ1-G3-S3-5	1.	1.	1.	1.	1.	1.	1.	1.
Pr-BJ1-G3-S3-6	1.	1.	1.	1.	1.	1.	1.	1.
Pr-BJ1-G3-S3-7	1.	1.	1.	1.	1.	1.	1.	1.

Table 18: Frame Section Properties 01 - General, Part 4 of 4

SectionName	AMod	A2Mod	A3Mod	JMod	I2Mod	I3Mod	MMod	WMod
Pr-BJ1-G3-S3-8	1.	1.	1.	1.	1.	1.	1.	1.
Pr-BJ1-G3-S3-9	1.	1.	1.	1.	1.	1.	1.	1.
ST6 x 22.5	1.	1.	1.	1.	1.	1.	1.	1.
W24x84	1.	1.	1.	1.	1.	1.	1.	1.
W30x108	1.	1.	1.	1.	1.	1.	1.	1.
W30x132	1.	1.	1.	1.	1.	1.	1.	1.

Table 19: Frame Section Properties 02 - Concrete Column, Part 1 of 2

Table 19: Frame Section Properties 02 - Concrete Column, Part 1 of 2

SectionName	RebarMatL	RebarMatC	ReinfConfig	LatReinf	Cover	NumBars3Dir	NumBars2Dir
					ft		
Bent Cap	A615Gr60	A615Gr60	Rectangular	Ties	0.125	3	3
Diapragm @ Pier	A615Gr60	A615Gr60	Rectangular	Ties	0.125	3	3
FSEC1	A615Gr60	A615Gr60	Rectangular	Ties	0.125	3	3

Table 19: Frame Section Properties 02 - Concrete Column, Part 2 of 2

Table 19: Frame Section Properties 02 - Concrete Column, Part 2 of 2

SectionName	BarSizeL	BarSizeC	SpacingC	NumCBars2	NumCBars3
			ft		
Bent Cap	#9	#4	0.5	3	3
Diapragm @ Pier	#9	#4	0.5	3	3
FSEC1	#9	#4	0.5	3	3

Table 20: Frame Section Properties 05 - Nonprismatic

Table 20: Frame Section Properties 05 - Nonprismatic

SectionName	SegmentNum	StartSect	EndSect	AbsLength	VarLength	EI33Var	EI22Var
				ft			
NPr-BJ1-G0-S1	1	Pr-BJ1-G0-S1-1	Pr-BJ1-G0-S1-2		0.1726	Parabolic	Linear
NPr-BJ1-G0-S1	2	Pr-BJ1-G0-S1-3	Pr-BJ1-G0-S1-4		0.3894	Parabolic	Linear
NPr-BJ1-G0-S1	3	Pr-BJ1-G0-S1-5	Pr-BJ1-G0-S1-6		0.1858	Parabolic	Linear
NPr-BJ1-G0-S1	4	Pr-BJ1-G0-S1-7	Pr-BJ1-G0-S1-8		0.0664	Parabolic	Linear
NPr-BJ1-G0-S1	5	Pr-BJ1-G0-S1-9	Pr-BJ1-G0-S1-10		0.0745	Parabolic	Linear
NPr-BJ1-G0-S1	6	Pr-BJ1-G0-S1-11	Pr-BJ1-G0-S1-12		0.0472	Parabolic	Linear
NPr-BJ1-G0-S1	7	Pr-BJ1-G0-S1-13	Pr-BJ1-G0-S1-14		0.0642	Parabolic	Linear
NPr-BJ1-G0-S2	1	Pr-BJ1-G0-S2-1	Pr-BJ1-G0-S2-2		0.0453	Parabolic	Linear
NPr-BJ1-G0-S2	2	Pr-BJ1-G0-S2-3	Pr-BJ1-G0-S2-4		0.0594	Parabolic	Linear
NPr-BJ1-G0-S2	3	Pr-BJ1-G0-S2-5	Pr-BJ1-G0-S2-6		0.0237	Parabolic	Linear
NPr-BJ1-G0-S2	4	Pr-BJ1-G0-S2-7	Pr-BJ1-G0-S2-8		0.0237	Parabolic	Linear
NPr-BJ1-G0-S2	5	Pr-BJ1-G0-S2-9	Pr-BJ1-G0-S2-10		0.104	Parabolic	Linear
NPr-BJ1-G0-S2	6	Pr-BJ1-G0-S2-11	Pr-BJ1-G0-S2-12		0.0657	Parabolic	Linear
NPr-BJ1-G0-S2	7	Pr-BJ1-G0-S2-13	Pr-BJ1-G0-S2-14		0.3565	Parabolic	Linear
NPr-BJ1-G0-S2	8	Pr-BJ1-G0-S2-15	Pr-BJ1-G0-S2-16		0.0657	Parabolic	Linear
NPr-BJ1-G0-S2	9	Pr-BJ1-G0-S2-17	Pr-BJ1-G0-S2-18		0.104	Parabolic	Linear
NPr-BJ1-G0-S2	10	Pr-BJ1-G0-S2-19	Pr-BJ1-G0-S2-20		0.0237	Parabolic	Linear
NPr-BJ1-G0-S2	11	Pr-BJ1-G0-S2-21	Pr-BJ1-G0-S2-22		0.0237	Parabolic	Linear

Table 20: Frame Section Properties 05 - Nonprismatic

SectionName	SegmentNum	StartSect	EndSect	AbsLength	VarLength	EI33Var	EI22Var
				ft			
NPr-BJ1-G0-S2	12	Pr-BJ1-G0-S2-23	Pr-BJ1-G0-S2-24		0.0594	Parabolic	Linear
NPr-BJ1-G0-S2	13	Pr-BJ1-G0-S2-25	Pr-BJ1-G0-S2-26		0.0453	Parabolic	Linear
NPr-BJ1-G0-S3	1	Pr-BJ1-G0-S3-1	Pr-BJ1-G0-S3-2		0.0642	Parabolic	Linear
NPr-BJ1-G0-S3	2	Pr-BJ1-G0-S3-3	Pr-BJ1-G0-S3-4		0.0472	Parabolic	Linear
NPr-BJ1-G0-S3	3	Pr-BJ1-G0-S3-5	Pr-BJ1-G0-S3-6		0.0745	Parabolic	Linear
NPr-BJ1-G0-S3	4	Pr-BJ1-G0-S3-7	Pr-BJ1-G0-S3-8		0.0664	Parabolic	Linear
NPr-BJ1-G0-S3	5	Pr-BJ1-G0-S3-9	Pr-BJ1-G0-S3-10		0.1858	Parabolic	Linear
NPr-BJ1-G0-S3	6	Pr-BJ1-G0-S3-11	Pr-BJ1-G0-S3-12		0.3894	Parabolic	Linear
NPr-BJ1-G0-S3	7	Pr-BJ1-G0-S3-13	Pr-BJ1-G0-S3-14		0.1726	Parabolic	Linear
NPr-BJ1-G1-S1	1	Pr-BJ1-G1-S1-1	Pr-BJ1-G1-S1-2		0.1726	Parabolic	Linear
NPr-BJ1-G1-S1	2	Pr-BJ1-G1-S1-3	Pr-BJ1-G1-S1-4		0.3894	Parabolic	Linear
NPr-BJ1-G1-S1	3	Pr-BJ1-G1-S1-5	Pr-BJ1-G1-S1-6		0.1858	Parabolic	Linear
NPr-BJ1-G1-S1	4	Pr-BJ1-G1-S1-7	Pr-BJ1-G1-S1-8		0.0664	Parabolic	Linear
NPr-BJ1-G1-S1	5	Pr-BJ1-G1-S1-9	Pr-BJ1-G1-S1-10		0.0745	Parabolic	Linear
NPr-BJ1-G1-S1	6	Pr-BJ1-G1-S1-11	Pr-BJ1-G1-S1-12		0.0472	Parabolic	Linear
NPr-BJ1-G1-S1	7	Pr-BJ1-G1-S1-13	Pr-BJ1-G1-S1-14		0.0642	Parabolic	Linear
NPr-BJ1-G1-S2	1	Pr-BJ1-G1-S2-1	Pr-BJ1-G1-S2-2		0.0453	Parabolic	Linear
NPr-BJ1-G1-S2	2	Pr-BJ1-G1-S2-3	Pr-BJ1-G1-S2-4		0.0594	Parabolic	Linear
NPr-BJ1-G1-S2	3	Pr-BJ1-G1-S2-5	Pr-BJ1-G1-S2-6		0.0237	Parabolic	Linear
NPr-BJ1-G1-S2	4	Pr-BJ1-G1-S2-7	Pr-BJ1-G1-S2-8		0.0237	Parabolic	Linear
NPr-BJ1-G1-S2	5	Pr-BJ1-G1-S2-9	Pr-BJ1-G1-S2-10		0.104	Parabolic	Linear
NPr-BJ1-G1-S2	6	Pr-BJ1-G1-S2-11	Pr-BJ1-G1-S2-12		0.0657	Parabolic	Linear
NPr-BJ1-G1-S2	7	Pr-BJ1-G1-S2-13	Pr-BJ1-G1-S2-14		0.3565	Parabolic	Linear
NPr-BJ1-G1-S2	8	Pr-BJ1-G1-S2-15	Pr-BJ1-G1-S2-16		0.0657	Parabolic	Linear
NPr-BJ1-G1-S2	9	Pr-BJ1-G1-S2-17	Pr-BJ1-G1-S2-18		0.104	Parabolic	Linear
NPr-BJ1-G1-S2	10	Pr-BJ1-G1-S2-19	Pr-BJ1-G1-S2-20		0.0237	Parabolic	Linear
NPr-BJ1-G1-S2	11	Pr-BJ1-G1-S2-21	Pr-BJ1-G1-S2-22		0.0237	Parabolic	Linear
NPr-BJ1-G1-S2	12	Pr-BJ1-G1-S2-23	Pr-BJ1-G1-S2-24		0.0594	Parabolic	Linear
NPr-BJ1-G1-S2	13	Pr-BJ1-G1-S2-25	Pr-BJ1-G1-S2-26		0.0453	Parabolic	Linear
NPr-BJ1-G1-S3	1	Pr-BJ1-G1-S3-1	Pr-BJ1-G1-S3-2		0.0642	Parabolic	Linear
NPr-BJ1-G1-S3	2	Pr-BJ1-G1-S3-3	Pr-BJ1-G1-S3-4		0.0472	Parabolic	Linear
NPr-BJ1-G1-S3	3	Pr-BJ1-G1-S3-5	Pr-BJ1-G1-S3-6		0.0745	Parabolic	Linear
NPr-BJ1-G1-S3	4	Pr-BJ1-G1-S3-7	Pr-BJ1-G1-S3-8		0.0664	Parabolic	Linear
NPr-BJ1-G1-S3	5	Pr-BJ1-G1-S3-9	Pr-BJ1-G1-S3-10		0.1858	Parabolic	Linear
NPr-BJ1-G1-S3	6	Pr-BJ1-G1-S3-11	Pr-BJ1-G1-S3-12		0.3894	Parabolic	Linear
NPr-BJ1-G1-S3	7	Pr-BJ1-G1-S3-13	Pr-BJ1-G1-S3-14		0.1726	Parabolic	Linear
NPr-BJ1-G2-S1	1	Pr-BJ1-G2-S1-1	Pr-BJ1-G2-S1-2		0.1726	Parabolic	Linear
NPr-BJ1-G2-S1	2	Pr-BJ1-G2-S1-3	Pr-BJ1-G2-S1-4		0.3894	Parabolic	Linear
NPr-BJ1-G2-S1	3	Pr-BJ1-G2-S1-5	Pr-BJ1-G2-S1-6		0.1858	Parabolic	Linear
NPr-BJ1-G2-S1	4	Pr-BJ1-G2-S1-7	Pr-BJ1-G2-S1-8		0.0664	Parabolic	Linear
NPr-BJ1-G2-S1	5	Pr-BJ1-G2-S1-9	Pr-BJ1-G2-S1-10		0.0745	Parabolic	Linear
NPr-BJ1-G2-S1	6	Pr-BJ1-G2-S1-11	Pr-BJ1-G2-S1-12		0.0472	Parabolic	Linear
NPr-BJ1-G2-S1	7	Pr-BJ1-G2-S1-13	Pr-BJ1-G2-S1-14		0.0642	Parabolic	Linear
NPr-BJ1-G2-S2	1	Pr-BJ1-G2-S2-1	Pr-BJ1-G2-S2-2		0.0453	Parabolic	Linear
NPr-BJ1-G2-S2	2	Pr-BJ1-G2-S2-3	Pr-BJ1-G2-S2-4		0.0594	Parabolic	Linear
NPr-BJ1-G2-S2	3	Pr-BJ1-G2-S2-5	Pr-BJ1-G2-S2-6		0.0237	Parabolic	Linear
NPr-BJ1-G2-S2	4	Pr-BJ1-G2-S2-7	Pr-BJ1-G2-S2-8		0.0237	Parabolic	Linear
NPr-BJ1-G2-S2	5	Pr-BJ1-G2-S2-9	Pr-BJ1-G2-S2-10		0.104	Parabolic	Linear
NPr-BJ1-G2-S2	6	Pr-BJ1-G2-S2-11	Pr-BJ1-G2-S2-12		0.0657	Parabolic	Linear
NPr-BJ1-G2-S2	7	Pr-BJ1-G2-S2-13	Pr-BJ1-G2-S2-14		0.3565	Parabolic	Linear
NPr-BJ1-G2-S2	8	Pr-BJ1-G2-S2-15	Pr-BJ1-G2-S2-16		0.0657	Parabolic	Linear
NPr-BJ1-G2-S2	9	Pr-BJ1-G2-S2-17	Pr-BJ1-G2-S2-18		0.104	Parabolic	Linear
NPr-BJ1-G2-S2	10	Pr-BJ1-G2-S2-19	Pr-BJ1-G2-S2-20		0.0237	Parabolic	Linear

Table 20: Frame Section Properties 05 - Nonprismatic

SectionName	SegmentNum	StartSect	EndSect	AbsLength	VarLength	EI33Var	EI22Var
				ft			
NPr-BJ1-G2-S2	11	Pr-BJ1-G2-S2-21	Pr-BJ1-G2-S2-22		0.0237	Parabolic	Linear
NPr-BJ1-G2-S2	12	Pr-BJ1-G2-S2-23	Pr-BJ1-G2-S2-24		0.0594	Parabolic	Linear
NPr-BJ1-G2-S2	13	Pr-BJ1-G2-S2-25	Pr-BJ1-G2-S2-26		0.0453	Parabolic	Linear
NPr-BJ1-G2-S3	1	Pr-BJ1-G2-S3-1	Pr-BJ1-G2-S3-2		0.0642	Parabolic	Linear
NPr-BJ1-G2-S3	2	Pr-BJ1-G2-S3-3	Pr-BJ1-G2-S3-4		0.0472	Parabolic	Linear
NPr-BJ1-G2-S3	3	Pr-BJ1-G2-S3-5	Pr-BJ1-G2-S3-6		0.0745	Parabolic	Linear
NPr-BJ1-G2-S3	4	Pr-BJ1-G2-S3-7	Pr-BJ1-G2-S3-8		0.0664	Parabolic	Linear
NPr-BJ1-G2-S3	5	Pr-BJ1-G2-S3-9	Pr-BJ1-G2-S3-10		0.1858	Parabolic	Linear
NPr-BJ1-G2-S3	6	Pr-BJ1-G2-S3-11	Pr-BJ1-G2-S3-12		0.3894	Parabolic	Linear
NPr-BJ1-G2-S3	7	Pr-BJ1-G2-S3-13	Pr-BJ1-G2-S3-14		0.1726	Parabolic	Linear
NPr-BJ1-G3-S1	1	Pr-BJ1-G3-S1-1	Pr-BJ1-G3-S1-2		0.1726	Parabolic	Linear
NPr-BJ1-G3-S1	2	Pr-BJ1-G3-S1-3	Pr-BJ1-G3-S1-4		0.3894	Parabolic	Linear
NPr-BJ1-G3-S1	3	Pr-BJ1-G3-S1-5	Pr-BJ1-G3-S1-6		0.1858	Parabolic	Linear
NPr-BJ1-G3-S1	4	Pr-BJ1-G3-S1-7	Pr-BJ1-G3-S1-8		0.0664	Parabolic	Linear
NPr-BJ1-G3-S1	5	Pr-BJ1-G3-S1-9	Pr-BJ1-G3-S1-10		0.0745	Parabolic	Linear
NPr-BJ1-G3-S1	6	Pr-BJ1-G3-S1-11	Pr-BJ1-G3-S1-12		0.0472	Parabolic	Linear
NPr-BJ1-G3-S1	7	Pr-BJ1-G3-S1-13	Pr-BJ1-G3-S1-14		0.0642	Parabolic	Linear
NPr-BJ1-G3-S2	1	Pr-BJ1-G3-S2-1	Pr-BJ1-G3-S2-2		0.0453	Parabolic	Linear
NPr-BJ1-G3-S2	2	Pr-BJ1-G3-S2-3	Pr-BJ1-G3-S2-4		0.0594	Parabolic	Linear
NPr-BJ1-G3-S2	3	Pr-BJ1-G3-S2-5	Pr-BJ1-G3-S2-6		0.0237	Parabolic	Linear
NPr-BJ1-G3-S2	4	Pr-BJ1-G3-S2-7	Pr-BJ1-G3-S2-8		0.0237	Parabolic	Linear
NPr-BJ1-G3-S2	5	Pr-BJ1-G3-S2-9	Pr-BJ1-G3-S2-10		0.104	Parabolic	Linear
NPr-BJ1-G3-S2	6	Pr-BJ1-G3-S2-11	Pr-BJ1-G3-S2-12		0.0657	Parabolic	Linear
NPr-BJ1-G3-S2	7	Pr-BJ1-G3-S2-13	Pr-BJ1-G3-S2-14		0.3565	Parabolic	Linear
NPr-BJ1-G3-S2	8	Pr-BJ1-G3-S2-15	Pr-BJ1-G3-S2-16		0.0657	Parabolic	Linear
NPr-BJ1-G3-S2	9	Pr-BJ1-G3-S2-17	Pr-BJ1-G3-S2-18		0.104	Parabolic	Linear
NPr-BJ1-G3-S2	10	Pr-BJ1-G3-S2-19	Pr-BJ1-G3-S2-20		0.0237	Parabolic	Linear
NPr-BJ1-G3-S2	11	Pr-BJ1-G3-S2-21	Pr-BJ1-G3-S2-22		0.0237	Parabolic	Linear
NPr-BJ1-G3-S2	12	Pr-BJ1-G3-S2-23	Pr-BJ1-G3-S2-24		0.0594	Parabolic	Linear
NPr-BJ1-G3-S2	13	Pr-BJ1-G3-S2-25	Pr-BJ1-G3-S2-26		0.0453	Parabolic	Linear
NPr-BJ1-G3-S3	1	Pr-BJ1-G3-S3-1	Pr-BJ1-G3-S3-2		0.0642	Parabolic	Linear
NPr-BJ1-G3-S3	2	Pr-BJ1-G3-S3-3	Pr-BJ1-G3-S3-4		0.0472	Parabolic	Linear
NPr-BJ1-G3-S3	3	Pr-BJ1-G3-S3-5	Pr-BJ1-G3-S3-6		0.0745	Parabolic	Linear
NPr-BJ1-G3-S3	4	Pr-BJ1-G3-S3-7	Pr-BJ1-G3-S3-8		0.0664	Parabolic	Linear
NPr-BJ1-G3-S3	5	Pr-BJ1-G3-S3-9	Pr-BJ1-G3-S3-10		0.1858	Parabolic	Linear
NPr-BJ1-G3-S3	6	Pr-BJ1-G3-S3-11	Pr-BJ1-G3-S3-12		0.3894	Parabolic	Linear
NPr-BJ1-G3-S3	7	Pr-BJ1-G3-S3-13	Pr-BJ1-G3-S3-14		0.1726	Parabolic	Linear

3.2. Areas

Table 21: Area Section Properties, Part 1 of 3

Table 21: Area Section Properties, Part 1 of 3

Section	Material	AreaType	Type	DrillDOF	Thickness	BendThick	F11Mod
					ft	ft	
ASEC1	3000Psi	Shell	Shell-Thin	Yes	1.	1.	1.
ASEC2	A709Gr50	Shell	Shell-Thin	Yes	1.	1.	1.

Table 21: Area Section Properties, Part 2 of 3

Table 21: Area Section Properties, Part 2 of 3

Section	F22Mod	F12Mod	M11Mod	M22Mod	M12Mod	V13Mod	V23Mod
ASEC1	1.	1.	1.	1.	1.	1.	1.
ASEC2	1.	1.	1.	1.	1.	1.	1.

Table 21: Area Section Properties, Part 3 of 3

Table 21: Area Section Properties, Part 3 of 3

Section	MMod	WMod
ASEC1	1.	1.
ASEC2	1.	1.

3.3. Solids

Table 22: Solid Property Definitions

Table 22: Solid Property Definitions

SolidProp	Material	MatAngleA Degrees	MatAngleB Degrees	MatAngleC Degrees
Solid1	4000Psi	0.	0.	0.

4. Loading

This section provides loading information as applied to the model.

4.1. Load patterns

Table 23: Load Pattern Definitions

Table 23: Load Pattern Definitions

LoadPat	DesignType	SelfWtMult	AutoLoad
Dead Load	Dead	1.	
SIP	Dead	0.	
Utility	Dead	0.	
Haunch	Dead	0.	
Barrier	Dead	0.	
Sidewalk	Dead	0.	
SIPForm	Dead	0.	
ConcPour Permanent	Dead	0.	
DW	Wearing Surface	0.	
Temperature Pos	Temperature	0.	
Temperature Neg	Temperature	0.	

Table 23: Load Pattern Definitions

LoadPat	DesignType	SelfWtMult	AutoLoad
ConcPour Temporary	Construction	0.	

4.2. Vehicles

Table 24: Vehicles 2 - General Vehicles 1 - General, Part 1 of 6

Table 24: Vehicles 2 - General Vehicles 1 - General, Part 1 of 6

VehName	FromLibrary	LibraryName	FltAxleFac	AxleFac	UnifFac	SupportMom	IntSupport
Annual Permit 1	No	User Defined	1.	1.	1.	Yes	Yes
Annual Permit 2	No	User Defined	1.	1.	1.	Yes	Yes
EV2	No	User Defined	1.	1.	1.	Yes	Yes
EV3	No	User Defined	1.	1.	1.	Yes	Yes
Gravel Truck	No	User Defined	1.	1.	1.	Yes	Yes
HL-93	No	User Defined	1.	1.	1.	Yes	Yes
HS-20	No	User Defined	1.	1.	1.	Yes	Yes
HS-15	No	User Defined	1.	1.	1.	Yes	Yes
Lane	No	User Defined	1.	1.	1.	Yes	Yes
Neg - EV3	No	User Defined	1.	0.75	1.	Yes	No
Overweight Permit	No	User Defined	1.	1.	1.	Yes	Yes
SU-4	No	User Defined	1.	1.	1.	Yes	Yes
SU-5	No	User Defined	1.	1.	1.	Yes	Yes
SU-6	No	User Defined	1.	1.	1.	Yes	Yes
SU-7	No	User Defined	1.	1.	1.	Yes	Yes
Type 3-3	No	User Defined	1.	1.	1.	Yes	Yes
Type 3	No	User Defined	1.	1.	1.	Yes	Yes
Type 3S2	No	User Defined	1.	1.	1.	Yes	Yes
Type 3-3+Lane(200plf)	No	User Defined	1.	0.75	1.	Yes	Yes

Table 24: Vehicles 2 - General Vehicles 1 - General, Part 2 of 6

Table 24: Vehicles 2 - General Vehicles 1 - General, Part 2 of 6

VehName	OtherResp	AxleMom	AxleMType	AxleMWidth	AxleMDbl	AxleOther	AxleOType
		Kip		ft		Kip	
Annual Permit 1	Yes	0.	One Point		No	0.	One Point
Annual Permit 2	Yes	0.	One Point		No	0.	One Point
EV2	Yes	0.	One Point		No	0.	One Point
EV3	Yes	0.	One Point		No	0.	One Point
Gravel Truck	Yes	0.	One Point		No	0.	One Point
HL-93	Yes	0.	One Point		No	0.	One Point
HS-20	Yes	0.	One Point		No	0.	One Point
HS-15	Yes	0.	One Point		No	0.	One Point
Lane	Yes	0.	One Point		No	0.	One Point
Neg - EV3	No	0.	One Point		No	0.	One Point
Overweight Permit	Yes	0.	One Point		No	0.	One Point
SU-4	Yes	0.	One Point		No	0.	One Point
SU-5	Yes	0.	One Point		No	0.	One Point
SU-6	Yes	0.	One Point		No	0.	One Point

Table 24: Vehicles 2 - General Vehicles 1 - General, Part 2 of 6

VehName	OtherResp	AxleMom	AxleMType	AxleMWidth	AxleMDbl	AxleOther	AxleOType
		Kip		ft		Kip	
SU-7	Yes	0.	One Point		No	0.	One Point
Type 3-3	Yes	0.	One Point		No	0.	One Point
Type 3	Yes	0.	One Point		No	0.	One Point
Type 3S2	Yes	0.	One Point		No	0.	One Point
Type 3-3+Lane(200plf)	Yes	0.	One Point		No	0.	One Point

Table 24: Vehicles 2 - General Vehicles 1 - General, Part 3 of 6

Table 24: Vehicles 2 - General Vehicles 1 - General, Part 3 of 6

VehName	AxleOWidth	LEffAxle	LEffUnif	ForStraddle	StraddleFac	NumInter	MinExtDist
	ft						ft
Annual Permit 1		User	None	No		8	0.
Annual Permit 2		User	None	No		8	0.
EV2		User	None	No		2	0.
EV3		User	None	No		3	0.
Gravel Truck		User	None	No		4	0.
HL-93		User	None	No		4	0.
HS-20		User	None	No		3	0.
HS-15		User	None	No		3	0.
Lane		None	None	No		1	0.
Neg - EV3		User	None	No		7	0.
Overweight Permit		User	None	No		13	0.
SU-4		User	None	No		4	0.
SU-5		User	None	No		5	0.
SU-6		User	None	No		6	0.
SU-7		User	None	No		7	0.
Type 3-3		User	None	No		6	0.
Type 3		User	None	No		4	0.
Type 3S2		User	None	No		5	0.
Type 3-3+Lane(200plf)		User	None	No		7	0.

Table 24: Vehicles 2 - General Vehicles 1 - General, Part 4 of 6

Table 24: Vehicles 2 - General Vehicles 1 - General, Part 4 of 6

VehName	MinIntDist	StayInLane	CGHTAxle	CGHTUnif	Notes	AdjustSuper
	ft		ft	ft		
Annual Permit 1	0.	No	0.	0.		No
Annual Permit 2	0.	No	0.	0.		No
EV2	0.	No	0.	0.		No
EV3	0.	No	0.	0.		No
Gravel Truck	0.	No	0.	0.		No
HL-93	0.	No	0.	0.		No
HS-20	0.	No	0.	0.		No
HS-15	0.	No	0.	0.		No
Lane	0.	No	0.	0.		No
Neg - EV3	0.	No	0.	0.		No
Overweight Permit	0.	No	0.	0.		No
SU-4	0.	No	0.	0.		No
SU-5	0.	No	0.	0.		No
SU-6	0.	No	0.	0.		No
SU-7	0.	No	0.	0.		No

Table 24: Vehicles 2 - General Vehicles 1 - General, Part 4 of 6

VehName	MinIntDist	StayInLane	CGHTAxle	CGHTUnif	Notes	AdjustSuper
	ft		ft	ft		
Type 3-3	0.	No	0.	0.		No
Type 3	0.	No	0.	0.		No
Type 3S2	0.	No	0.	0.		No
Type 3-3+Lane(200plf)	0.	No	0.	0.		No

Table 24: Vehicles 2 - General Vehicles 1 - General, Part 5 of 6

Table 24: Vehicles 2 - General Vehicles 1 - General, Part 5 of 6

VehName	IgnoreVert	Centrifugal	CenScaleOpt	CenVelocity	CenAxleSF	CenUnifSF	CenOverturn
				ft/sec			
Annual Permit 1	No	Yes	Velocity	102.67	1.	0.	No
Annual Permit 2	No	Yes	Velocity	102.67	1.	0.	No
EV2	No	Yes	Velocity	102.67	1.	0.	No
EV3	No	Yes	Velocity	102.67	1.	0.	Yes
Gravel Truck	No	Yes	Velocity	102.67	1.	0.	No
HL-93	No	Yes	Velocity	102.67	1.	0.	No
HS-20	No	Yes	Velocity	102.67	1.	0.	No
HS-15	No	Yes	Velocity	8.556	1.	0.	No
Lane	No	Yes	Velocity	102.67	1.	0.	No
Neg - EV3	No	Yes	Velocity	102.67	1.	0.	Yes
Overweight Permit	No	Yes	Velocity	8.556	1.	0.	No
SU-4	No	Yes	Velocity	102.67	1.	0.	No
SU-5	No	Yes	Velocity	102.67	1.	0.	No
SU-6	No	Yes	Velocity	102.67	1.	0.	No
SU-7	No	Yes	Velocity	102.67	1.	0.	No
Type 3-3	No	Yes	Velocity	102.67	1.	0.	No
Type 3	No	Yes	Velocity	102.67	1.	0.	No
Type 3S2	No	Yes	Velocity	102.67	1.	0.	No
Type 3-3+Lane(200plf)	No	Yes	Velocity	102.67	1.	0.	No

Table 24: Vehicles 2 - General Vehicles 1 - General, Part 6 of 6

Table 24: Vehicles 2 - General Vehicles 1 - General, Part 6 of 6

VehName	Braking	NosingForce	DesignType
		Kip	
Annual Permit 1	No	0.	Permit Veh Live
Annual Permit 2	No	0.	Permit Veh Live
EV2	No	0.	Permit Veh Live
EV3	No	0.	Permit Veh Live
Gravel Truck	No	0.	Permit Veh Live
HL-93	No	0.	Vehicle Live
HS-20	No	0.	Vehicle Live
HS-15	No	0.	Vehicle Live
Lane	No	0.	Vehicle Live
Neg - EV3	No	0.	Vehicle Live
Overweight Permit	No	0.	Permit Veh Live
SU-4	No	0.	Vehicle Live
SU-5	No	0.	Vehicle Live
SU-6	No	0.	Vehicle Live

Table 24: Vehicles 2 - General Vehicles 1 - General, Part 6 of 6

VehName	Braking	NosingForce Kip	DesignType
SU-7	No	0.	Vehicle Live
Type 3-3	No	0.	Vehicle Live
Type 3	No	0.	Vehicle Live
Type 3S2	No	0.	Vehicle Live
Type 3-3+Lane(200plf)	No	0.	Vehicle Live

Table 25: Vehicles 3 - General Vehicles 2 - Loads, Part 1 of 2

Table 25: Vehicles 3 - General Vehicles 2 - Loads, Part 1 of 2

VehName	LoadType	InterUnif Kip/ft	UnifType	UnifWidth ft	InterAxle Kip	AxleType	AxleWidth ft	InterMinD ft
Annual Permit 1	Leading Load	0.	Fixed Width	1.	13.	Two Points	6.	
Annual Permit 1	Fixed Length	0.	Fixed Width	1.	20.	Two Points	6.	12.
Annual Permit 1	Fixed Length	0.	Fixed Width	1.	20.	Two Points	6.	4.5
Annual Permit 1	Fixed Length	0.	Fixed Width	1.	20.	Two Points	6.	4.5
Annual Permit 1	Fixed Length	0.	Fixed Width	1.	23.	Two Points	6.	30.
Annual Permit 1	Fixed Length	0.	Fixed Width	1.	23.	Two Points	6.	4.5
Annual Permit 1	Fixed Length	0.	Fixed Width	1.	23.	Two Points	6.	14.
Annual Permit 1	Fixed Length	0.	Fixed Width	1.	23.	Two Points	6.	4.5
Annual Permit 2	Leading Load	0.	Fixed Width	1.	13.	Two Points	6.	
Annual Permit 2	Fixed Length	0.	Fixed Width	1.	20.	Two Points	6.	12.
Annual Permit 2	Fixed Length	0.	Fixed Width	1.	20.	Two Points	6.	4.5
Annual Permit 2	Fixed Length	0.	Fixed Width	1.	20.	Two Points	6.	4.5
Annual Permit 2	Fixed Length	0.	Fixed Width	1.	23.	Two Points	6.	15.
Annual Permit 2	Fixed Length	0.	Fixed Width	1.	23.	Two Points	6.	4.5
Annual Permit 2	Fixed Length	0.	Fixed Width	1.	23.	Two Points	6.	14.
Annual Permit 2	Fixed Length	0.	Fixed Width	1.	23.	Two Points	6.	4.5
EV2	Leading Load	0.	Fixed Width	1.	24.	Two Points	6.	
EV2	Fixed Length	0.	Fixed Width	1.	33.5	Two Points	6.	15.
EV3	Leading Load	0.	Fixed Width	1.	24.	Two Points	6.	
EV3	Fixed Length	0.	Fixed Width	1.	31.	Two Points	6.	13.
EV3	Fixed Length	0.	Fixed Width	1.	31.	Two Points	6.	4.
Gravel Truck	Leading Load	0.	Fixed Width	1.	20.	Two Points	6.	
Gravel Truck	Fixed Length	0.	Fixed Width	1.	14.	Two Points	6.	10.5
Gravel Truck	Fixed Length	0.	Fixed Width	1.	20.	Two Points	6.	4.25

Table 25: Vehicles 3 - General Vehicles 2 - Loads, Part 1 of 2

VehName	LoadType	InterUnif	UnifType	UnifWidth	InterAxle	AxleType	AxleWidth	InterMinD
		Kip/ft		ft	Kip		ft	ft
Gravel Truck	Fixed Length	0.	Fixed Width	1.	20.	Two Points	6.	4.417
HL-93	Leading Load	0.64	Fixed Width	10.	8.	Two Points	6.	
HL-93	Fixed Length	0.64	Fixed Width	10.	32.	Two Points	6.	14.
HL-93	Variable Length	0.64	Fixed Width	10.	32.	Two Points	6.	14.
HL-93	Trailing Load	0.64	Fixed Width	10.				
HS-20	Leading Load	0.	Fixed Width	10.	8.	Two Points	6.	
HS-20	Fixed Length	0.	Fixed Width	10.	32.	Two Points	6.	14.
HS-20	Variable Length	0.	Fixed Width	10.	32.	Two Points	6.	14.
HS-15	Leading Load	0.	Zero Width		6.	Two Points	6.	
HS-15	Fixed Length	0.	Zero Width		24.	Two Points	6.	14.
HS-15	Variable Length	0.	Zero Width		24.	Two Points	6.	14.
Lane	Trailing Load	0.64	Fixed Width	10.				
Neg - EV3	Leading Load	0.2	Fixed Width	1.	24.	Two Points	6.	
Neg - EV3	Fixed Length	0.2	Fixed Width	1.	31.	Two Points	6.	13.
Neg - EV3	Fixed Length	0.2	Fixed Width	1.	31.	Two Points	6.	4.
Neg - EV3	Fixed Length	0.2	Fixed Width	1.	24.	Two Points	6.	30.
Neg - EV3	Fixed Length	0.2	Fixed Width	1.	31.	Two Points	6.	13.
Neg - EV3	Fixed Length	0.2	Fixed Width	1.	31.	Two Points	6.	4.
Neg - EV3	Trailing Load	0.2	Fixed Width	1.				
Overweight Permit	Leading Load	0.	Zero Width		15.	Two Points	6.	
Overweight Permit	Fixed Length	0.	Zero Width		20.	Two Points	6.	12.
Overweight Permit	Fixed Length	0.	Zero Width		20.	Two Points	6.	4.
Overweight Permit	Fixed Length	0.	Zero Width		20.	Two Points	6.	4.
Overweight Permit	Fixed Length	0.	Zero Width		20.	Two Points	6.	12.
Overweight Permit	Fixed Length	0.	Zero Width		20.	Two Points	6.	4.
Overweight Permit	Fixed Length	0.	Zero Width		20.	Two Points	6.	4.
Overweight Permit	Fixed Length	0.	Zero Width		20.	Two Points	6.	40.
Overweight Permit	Fixed Length	0.	Zero Width		20.	Two Points	6.	4.
Overweight Permit	Fixed Length	0.	Zero Width		20.	Two Points	6.	4.
Overweight Permit	Fixed Length	0.	Zero Width		20.	Two Points	6.	12.
Overweight Permit	Fixed Length	0.	Zero Width		20.	Two Points	6.	4.
Overweight Permit	Fixed Length	0.	Zero Width		20.	Two Points	6.	4.
SU-4	Leading Load	0.	Zero Width		12.	Two Points	6.	
SU-4	Fixed Length	0.	Zero Width		8.	Two Points	6.	10.
SU-4	Fixed Length	0.	Zero Width		17.	Two Points	6.	4.
SU-4	Fixed Length	0.	Zero Width		17.	Two Points	6.	4.

Table 25: Vehicles 3 - General Vehicles 2 - Loads, Part 1 of 2

VehName	LoadType	InterUnif	UnifType	UnifWidth	InterAxle	AxleType	AxleWidth	InterMinD
		Kip/ft		ft	Kip		ft	ft
SU-5	Leading Load	0.	Zero Width		12.	Two Points	6.	
SU-5	Fixed Length	0.	Zero Width		8.	Two Points	6.	10.
SU-5	Fixed Length	0.	Zero Width		8.	Two Points	6.	4.
SU-5	Fixed Length	0.	Zero Width		17.	Two Points	6.	4.
SU-5	Fixed Length	0.	Zero Width		17.	Two Points	6.	4.
SU-6	Leading Load	0.	Zero Width		11.5	Two Points	6.	
SU-6	Fixed Length	0.	Zero Width		8.	Two Points	6.	10.
SU-6	Fixed Length	0.	Zero Width		8.	Two Points	6.	4.
SU-6	Fixed Length	0.	Zero Width		17.	Two Points	6.	4.
SU-6	Fixed Length	0.	Zero Width		17.	Two Points	6.	4.
SU-6	Fixed Length	0.	Zero Width		8.	Two Points	6.	4.
SU-7	Leading Load	0.	Zero Width		11.5	Two Points	6.	
SU-7	Fixed Length	0.	Zero Width		8.	Two Points	6.	10.
SU-7	Fixed Length	0.	Zero Width		8.	Two Points	6.	4.
SU-7	Fixed Length	0.	Zero Width		17.	Two Points	6.	4.
SU-7	Fixed Length	0.	Zero Width		17.	Two Points	6.	4.
SU-7	Fixed Length	0.	Zero Width		8.	Two Points	6.	4.
SU-7	Fixed Length	0.	Zero Width		8.	Two Points	6.	4.
Type 3-3	Leading Load	0.	Fixed Width	10.	12.	Two Points	6.	
Type 3-3	Fixed Length	0.	Fixed Width	10.	12.	Two Points	6.	15.
Type 3-3	Fixed Length	0.	Fixed Width	10.	12.	Two Points	6.	4.
Type 3-3	Fixed Length	0.	Fixed Width	10.	16.	Two Points	6.	15.
Type 3-3	Fixed Length	0.	Fixed Width	10.	14.	Two Points	6.	16.
Type 3-3	Fixed Length	0.	Fixed Width	10.	14.	Two Points	6.	4.
Type 3	Leading Load	0.	Fixed Width	10.	16.	Two Points	6.	
Type 3	Fixed Length	0.	Fixed Width	10.	17.	Two Points	6.	15.
Type 3	Fixed Length	0.	Fixed Width	10.	17.	Two Points	6.	4.
Type 3	Trailing Load	0.	Fixed Width	10.				
Type 3S2	Leading Load	0.	Fixed Width	10.	10.	Two Points	6.	
Type 3S2	Fixed Length	0.	Fixed Width	10.	15.5	Two Points	6.	11.
Type 3S2	Fixed Length	0.	Fixed Width	10.	15.5	Two Points	6.	4.
Type 3S2	Fixed Length	0.	Fixed Width	10.	15.5	Two Points	6.	22.
Type 3S2	Fixed Length	0.	Fixed Width	10.	15.5	Two Points	6.	4.
Type 3-3+Lane(200plf)	Leading Load	0.2	Fixed Width	10.	12.	Two Points	6.	
Type 3-3+Lane(200plf)	Fixed Length	0.2	Fixed Width	10.	12.	Two Points	6.	15.
Type 3-3+Lane(200plf)	Fixed Length	0.2	Fixed Width	10.	12.	Two Points	6.	4.
Type 3-3+Lane(200plf)	Fixed Length	0.2	Fixed Width	10.	16.	Two Points	6.	15.
Type 3-3+Lane(200plf)	Fixed Length	0.2	Fixed Width	10.	14.	Two Points	6.	16.
Type 3-3+Lane(200plf)	Fixed Length	0.2	Fixed Width	10.	14.	Two Points	6.	4.

Table 25: Vehicles 3 - General Vehicles 2 - Loads, Part 1 of 2

VehName	LoadType	InterUnif	UnifType	UnifWidth	InterAxle	AxleType	AxleWidth	InterMinD
		Kip/ft		ft	Kip		ft	ft
Type 3-3+Lane(200plf)	Trailing Load	0.2	Fixed Width	10.				

Table 25: Vehicles 3 - General Vehicles 2 - Loads, Part 2 of 2

Table 25: Vehicles 3 - General Vehicles 2 - Loads, Part 2 of 2

VehName	InterMaxD
	ft
Annual Permit 1	
Annual Permit 1	
Annual Permit 1	
Annual Permit 1	
Annual Permit 1	
Annual Permit 1	
Annual Permit 1	
Annual Permit 1	
Annual Permit 2	
Annual Permit 2	
Annual Permit 2	
Annual Permit 2	
Annual Permit 2	
Annual Permit 2	
Annual Permit 2	
Annual Permit 2	
EV2	
EV2	
EV3	
EV3	
EV3	
Gravel Truck	
Gravel Truck	
Gravel Truck	
Gravel Truck	
HL-93	
HL-93	
HL-93	30.
HL-93	
HS-20	

Table 25: Vehicles 3 - General Vehicles 2 - Loads, Part 2 of 2

VehName	InterMaxD ft
HS-20	
HS-20	30.
HS-15	
HS-15	
HS-15	30.
Lane	
Neg - EV3	
Neg - EV3	
Neg - EV3	
Neg - EV3	
Neg - EV3	
Neg - EV3	
Neg - EV3	
Overweight Permit	
Overweight Permit	
Overweight Permit	
Overweight Permit	
Overweight Permit	
Overweight Permit	
Overweight Permit	
Overweight Permit	
Overweight Permit	
Overweight Permit	
Overweight Permit	
Overweight Permit	
Overweight Permit	
SU-4	
SU-4	
SU-4	
SU-4	
SU-5	
SU-5	
SU-5	
SU-5	
SU-5	
SU-6	
SU-6	
SU-6	
SU-6	
SU-6	
SU-6	
SU-7	

Table 25: Vehicles 3 - General Vehicles 2 - Loads, Part 2 of 2

VehName	InterMaxD ft
SU-7	
SU-7	
SU-7	
SU-7	
SU-7	
SU-7	
Type 3-3	
Type 3-3	
Type 3-3	
Type 3-3	
Type 3-3	
Type 3-3	
Type 3	
Type 3	
Type 3	
Type 3	
Type 3S2	
Type 3S2	
Type 3S2	
Type 3S2	
Type 3S2	
Type 3-3+Lane(200plf)	
Type 3-3+Lane(200plf)	
Type 3-3+Lane(200plf)	
Type 3-3+Lane(200plf)	
Type 3-3+Lane(200plf)	
Type 3-3+Lane(200plf)	
Type 3-3+Lane(200plf)	

Table 26: Vehicles 4 - Vehicle Classes

Table 26: Vehicles 4 - Vehicle Classes

VehClass	VehName	ScaleFactor
Annual Permit 1	Annual Permit 1	1.
Annual Permit 2	Annual Permit 2	1.
EV2	EV2	1.
EV3	EV3	1.
Gravel Truck	Gravel Truck	1.

Table 26: Vehicles 4 - Vehicle Classes

VehClass	VehName	ScaleFactor
HL-93	HL-93	1.
HS-20	HS-20	1.
HS-15	HS-15	1.
Lane	Lane	1.
Neg - EV3	Neg - EV3	1.
Overweight Permit	Overweight Permit	1.
SU-4	SU-4	1.
SU-5	SU-5	1.
SU-6	SU-6	1.
SU-7	SU-7	1.
Type 3-3	Type 3-3	1.
Type 3	Type 3	1.
Type 3S2	Type 3S2	1.
Type 3-3+Lane(200plf)	Type 3-3+Lane(200plf)	1.

4.3. Bridge loading

Table 27: Bridge Load Definitions 03 - Area, Part 1 of 2

Table 27: Bridge Load Definitions 03 - Area, Part 1 of 2

Name	Type	CoordSys	Dir	RefLocLft	DistLft	RefLocRgt
					ft	
Huanch load	Force	GLOBAL	Gravity	Left Edge of Deck	0.	Right Edge of Deck
Rail + MISC_sw	Force	GLOBAL	Gravity	Left Edge of Deck	0.	Right Edge of Deck
Sacrificial WS Load	Force	GLOBAL	Gravity	Left Edge of Deck	0.	Right Edge of Deck
SIP Load	Force	GLOBAL	Gravity	Left Edge of Deck	0.	Right Edge of Deck
Utility Load	Force	GLOBAL	Gravity	Left Edge of Deck	0.	Right Edge of Deck
Wearing Surface Load	Force	GLOBAL	Gravity	Left Edge of Deck	0.	Right Edge of Deck

Table 27: Bridge Load Definitions 03 - Area, Part 2 of 2

Table 27: Bridge Load Definitions 03 - Area, Part 2 of 2

Name	DistRgt	FOverL2Lft	FOverL2Rgt
	ft	Kip/ft2	Kip/ft2
Huanch load	0.	2.865E-03	2.865E-03
Rail + MISC_sw	0.	1.000E-08	1.000E-08
Sacrificial WS Load	0.	1.000E-08	1.000E-08
SIP Load	0.	1.000E-08	1.000E-08
Utility Load	0.	1.000E-08	1.000E-08
Wearing Surface Load	0.	0.035	0.035

5. Load cases

This section provides load case information.

5.1. Definitions

Table 28: Load Case Definitions, Part 1 of 2

Table 28: Load Case Definitions, Part 1 of 2

Case	Type	MLFactVert	InitialCond	MLFactBrake	ModalCase	MLFactCentr
LC_Dead Load	LinStatic		Zero			
LC_Wearing Surface Load	LinStatic		Zero			
LC_HL93	LinMoving	1.	Zero	0.		1.
LC_HS20	LinMoving	1.	Zero	0.		1.
LC_Lane	LinMoving	1.	Zero	0.		1.
LC_SU4	LinMoving	1.	Zero	0.		1.
LC_SU5	LinMoving	1.	Zero	0.		1.
LC_SU6	LinMoving	1.	Zero	0.		1.
LC_SU7	LinMoving	1.	Zero	0.		1.
LC_Type 3	LinMoving	1.	Zero	0.		1.
LC_Type 3S2	LinMoving	1.	Zero	0.		1.
LC_Type 3-3	LinMoving	1.	Zero	0.		1.
LC_EV2	LinMoving	1.	Zero	0.		1.
LC_EV3	LinMoving	1.	Zero	0.		1.
LC_EV3-Neg	LinMoving	1.	Zero	0.		1.
LC_Gravel Truck	LinMoving	1.	Zero	0.		1.
LC_Annual Permit 1	LinMoving	1.	Zero	0.		1.
LC_Annual Permit 2	LinMoving	1.	Zero	0.		1.
LC_Overweight Permit	LinMoving	1.	Zero	0.		1.
LC_HS15	LinMoving	1.	Zero	0.		1.
LC_Type 3-3+Lane	LinMoving	1.	Zero	0.		1.

Table 28: Load Case Definitions, Part 2 of 2

Table 28: Load Case Definitions, Part 2 of 2

Case	BaseCase	DesActOpt	MassSource	DesignAct
LC_Dead Load		Prog Det		Non-Composite
LC_Wearing Surface Load		Prog Det		Long-Term Composite
LC_HL93		Prog Det		Short-Term Composite
LC_HS20		Prog Det		Short-Term Composite
LC_Lane		Prog Det		Short-Term Composite
LC_SU4		Prog Det		Short-Term Composite

Table 28: Load Case Definitions, Part 2 of 2

Case	BaseCase	DesActOpt	MassSource	DesignAct
LC_SU5		Prog Det		Short-Term Composite
LC_SU6		Prog Det		Short-Term Composite
LC_SU7		Prog Det		Short-Term Composite
LC_Type 3		Prog Det		Short-Term Composite
LC_Type 3S2		Prog Det		Short-Term Composite
LC_Type 3-3		Prog Det		Short-Term Composite
LC_EV2		Prog Det		Short-Term Composite
LC_EV3		Prog Det		Short-Term Composite
LC_EV3-Neg		Prog Det		Short-Term Composite
LC_Gravel Truck		Prog Det		Short-Term Composite
LC_Annual Permit 1		Prog Det		Short-Term Composite
LC_Annual Permit 2		Prog Det		Short-Term Composite
LC_Overweight Permit		Prog Det		Short-Term Composite
LC_HS15		Prog Det		Short-Term Composite
LC_Type 3-3+Lane		Prog Det		Short-Term Composite

5.2. Static case load assignments

Table 29: Case - Static 1 - Load Assignments

Table 29: Case - Static 1 - Load Assignments

Case	LoadType	LoadName	LoadSF
LC_Dead Load	Load pattern	Dead Load	1.
LC_Dead Load	Load pattern	Barrier	1.
LC_Wearing Surface Load	Load pattern	DW	1.

6. Load combinations

This section provides load combination information.

Table 30: Combination Definitions

Table 30: Combination Definitions

ComboName	ComboType	CaseName	ScaleFactor
Design Lcomb	Linear Add	LC_Dead Load	1.25
Design Lcomb		LC_Wearing Surface Load	1.25
Design Lcomb		LC_HL93	1.35
Lcomb_Dead	Linear Add	LC_Dead Load	1.25
Lcomb_Wearing Surface	Linear Add	LC_Wearing Surface Load	1.25
Lcomb_HL93_opr	Linear Add	LC_HL93	1.35
Lcomb_HL93_inv	Linear Add	LC_HL93	1.75
Lcomb_HS20_opr	Linear Add	LC_HS20	1.35
Lcomb_HS20_inv	Linear Add	LC_HS20	1.75
Lcomb_HS15_opr	Linear Add	LC_HS15	1.35
Lcomb_HS15_inv	Linear Add	LC_HS15	1.75
Lcomb_Lane_opr	Linear Add	LC_Lane	1.35
Lcomb_Lane_inv	Linear Add	LC_Lane	1.75
Lcomb_SU4	Linear Add	LC_SU4	1.45
Lcomb_SU5	Linear Add	LC_SU5	1.45
Lcomb_SU6	Linear Add	LC_SU6	1.45
Lcomb_SU7	Linear Add	LC_SU7	1.45
Lcomb_Type 3	Linear Add	LC_Type 3	1.45
Lcomb_Type 3S2	Linear Add	LC_Type 3S2	1.45
Lcomb_Type 3-3	Linear Add	LC_Type 3-3	1.45
Lcomb_Type EV2	Linear Add	LC_EV2	1.45
Lcomb_Type EV3	Linear Add	LC_EV3	1.45
Lcomb_Type EV3-neg	Linear Add	LC_EV3-Neg	1.45
Lcomb_Gravel Truck	Linear Add	LC_Gravel Truck	1.45
Lcomb_Annual Perm 1	Linear Add	LC_Annual Permit 1	1.45
Lcomb_Annual Perm 2	Linear Add	LC_Annual Permit 2	1.45
Lcomb_Overweight Perm	Linear Add	LC_Overweight Permit	1.2
Lcomb_Dead_serv	Linear Add	LC_Dead Load	1.
Lcomb_Wearing Surface_serv	Linear Add	LC_Wearing Surface Load	1.
Lcomb_HL93_opr_serv	Linear Add	LC_HL93	1.
Lcomb_HL93_inv_serv	Linear Add	LC_HL93	1.3
Lcomb_HS20_opr_serv	Linear Add	LC_HS20	1.
Lcomb_HS20_inv_serv	Linear Add	LC_HS20	1.3

Table 30: Combination Definitions

ComboName	ComboType	CaseName	ScaleFactor
Lcomb_HS15_opr_serv	Linear Add	LC_HS15	1.
Lcomb_HS15_inv_serv	Linear Add	LC_HS15	1.3
Lcomb_Lane_opr_serv	Linear Add	LC_Lane	1.
Lcomb_Lane_inv_serv	Linear Add	LC_Lane	1.3
Lcomb_SU4_serv	Linear Add	LC_SU4	1.3
Lcomb_SU5_serv	Linear Add	LC_SU5	1.3
Lcomb_SU6_serv	Linear Add	LC_SU6	1.3
Lcomb_SU7_serv	Linear Add	LC_SU7	1.3
Lcomb_Type 3_serv	Linear Add	LC_Type 3	1.3
Lcomb_Type 3S2_serv	Linear Add	LC_Type 3S2	1.3
Lcomb_Type 3-3_serv	Linear Add	LC_Type 3-3	1.3
Lcomb_EV 2_serv	Linear Add	LC_EV2	1.3
Lcomb_EV 3_serv	Linear Add	LC_EV3	1.3
Lcomb_EV 3-neg_serv	Linear Add	LC_EV3-Neg	1.3
Lcomb_Gravel Truck_serv	Linear Add	LC_Gravel Truck	1.3
Lcomb_Annual Perm 1_serv	Linear Add	LC_Annual Permit 1	1.
Lcomb_Annual Perm 2_serv	Linear Add	LC_Annual Permit 2	1.
Lcomb_Overweight Permit_serv	Linear Add	LC_Overweight Permit	1.
Lcomb_Type 3-3+Lane	Linear Add	LC_Type 3-3+Lane	1.45
Lcomb_Type 3-3+Lane_serv	Linear Add	LC_Type 3-3+Lane	1.3

7. Structure results

This section provides structure results, including items such as structural periods and base reactions.

7.1. Base reactions

Table 31: Base Reactions

Table 31: Base Reactions

OutputCase	GlobalFX	GlobalFY	GlobalFZ	GlobalMX	GlobalMY	GlobalMZ
	Kip	Kip	Kip	Kip-ft	Kip-ft	Kip-ft
LC_Dead Load	0.	0.	145.213	-3.610E-12	-1673.4229	0.
LC_Wearing Surface Load	0.	0.	48.51	-1.066E-12	-600.3112	0.

8. Joint results

This section provides joint results, including items such as displacements and reactions.

Table 32: Joint Reactions

Table 32: Joint Reactions

Joint	OutputCase	F1	F2	F3	M1	M2	M3
		Kip	Kip	Kip	Kip-ft	Kip-ft	Kip-ft
46	LC_Dead Load	7.612	0.	-4.661E-16	0.	0.	0.
46	LC_Wearing Surface Load	2.427	0.	-1.486E-16	0.	0.	0.
47	LC_Dead Load	10.39	0.	-6.362E-16	0.	0.	0.
47	LC_Wearing Surface Load	3.04	0.	-1.861E-16	0.	0.	0.
48	LC_Dead Load	13.489	0.	-8.260E-16	0.	0.	0.
48	LC_Wearing Surface Load	4.259	0.	-2.608E-16	0.	0.	0.
49	LC_Dead Load	9.473	0.	-5.801E-16	0.	0.	0.
49	LC_Wearing Surface Load	2.958	0.	-1.811E-16	0.	0.	0.
50	LC_Dead Load	13.489	0.	-8.260E-16	0.	0.	0.
50	LC_Wearing Surface Load	4.259	0.	-2.608E-16	0.	0.	0.
51	LC_Dead Load	10.39	0.	-6.362E-16	0.	0.	0.
51	LC_Wearing Surface Load	3.04	0.	-1.861E-16	0.	0.	0.
52	LC_Dead Load	7.612	0.	-4.661E-16	0.	0.	0.
52	LC_Wearing Surface Load	2.427	0.	-1.486E-16	0.	0.	0.
302	LC_Dead Load	7.637	0.	-4.676E-16	0.	0.	0.
302	LC_Wearing Surface Load	2.739	0.	-1.677E-16	0.	0.	0.
303	LC_Dead Load	10.446	0.	-6.397E-16	0.	0.	0.
303	LC_Wearing Surface Load	3.725	0.	-2.281E-16	0.	0.	0.
304	LC_Dead Load	13.535	0.	-8.288E-16	0.	0.	0.
304	LC_Wearing Surface Load	4.818	0.	-2.950E-16	0.	0.	0.
305	LC_Dead Load	9.52	0.	-5.830E-16	0.	0.	0.

Table 32: Joint Reactions

Joint	OutputCase	F1	F2	F3	M1	M2	M3
		Kip	Kip	Kip	Kip-ft	Kip-ft	Kip-ft
305	LC_Wearing Surface Load	3.537	0.	-2.166E-16	0.	0.	0.
306	LC_Dead Load	13.535	0.	-8.288E-16	0.	0.	0.
306	LC_Wearing Surface Load	4.818	0.	-2.950E-16	0.	0.	0.
307	LC_Dead Load	10.446	0.	-6.397E-16	0.	0.	0.
307	LC_Wearing Surface Load	3.725	0.	-2.281E-16	0.	0.	0.
308	LC_Dead Load	7.637	0.	-4.676E-16	0.	0.	0.
308	LC_Wearing Surface Load	2.739	0.	-1.677E-16	0.	0.	0.

9. Bridge object forces

This section provides bridge object forces at the program determined section cuts.

Table 33: Bridge Object Forces, Part 1 of 3

Table 33: Bridge Object Forces, Part 1 of 3

BridgeObj	BridgeCut	Distance	LocType	OutputCase	CaseType	P	V2	V3
		ft				Kip	Kip	Kip
BOBJ1	1	0.	After	LC_Dead Load	LinStatic	7.714E-12	-65.376	1.225E-11
BOBJ1	2	1.9167	Before	LC_Dead Load	LinStatic	7.465E-12	-54.761	1.228E-11
BOBJ1	3	1.9167	After	LC_Dead Load	LinStatic	1.037E-11	-54.453	1.231E-11
BOBJ1	4	3.8333	Before	LC_Dead Load	LinStatic	1.038E-11	-43.837	1.227E-11
BOBJ1	5	3.8333	After	LC_Dead Load	LinStatic	1.233E-11	-43.53	1.225E-11
BOBJ1	6	5.75	Before	LC_Dead Load	LinStatic	1.225E-11	-32.914	1.221E-11
BOBJ1	7	5.75	After	LC_Dead Load	LinStatic	1.054E-11	-32.606	1.222E-11
BOBJ1	8	7.6667	Before	LC_Dead Load	LinStatic	1.070E-11	-21.99	1.227E-11
BOBJ1	9	7.6667	After	LC_Dead Load	LinStatic	1.296E-11	-21.683	1.225E-11
BOBJ1	10	9.5833	Before	LC_Dead Load	LinStatic	1.296E-11	-11.067	1.228E-11
BOBJ1	11	9.5833	After	LC_Dead Load	LinStatic	1.284E-11	-10.759	1.233E-11
BOBJ1	12	11.5	Before	LC_Dead Load	LinStatic	1.265E-11	-0.143	1.231E-11
BOBJ1	13	11.5	After	LC_Dead Load	LinStatic	1.286E-11	0.164	1.227E-11
BOBJ1	14	13.4167	Before	LC_Dead Load	LinStatic	1.301E-11	10.78	1.223E-11
BOBJ1	15	13.4167	After	LC_Dead Load	LinStatic	1.207E-11	11.088	1.217E-11
BOBJ1	16	15.3333	Before	LC_Dead Load	LinStatic	1.205E-11	21.704	1.212E-11
BOBJ1	17	15.3333	After	LC_Dead Load	LinStatic	1.243E-11	22.011	1.215E-11

Table 33: Bridge Object Forces, Part 1 of 3

BridgeObj	BridgeCut	Distance	LocType	OutputCase	CaseType	P	V2	V3
		ft				Kip	Kip	Kip
BOBJ1	18	17.25	Before	LC_Dead Load	LinStatic	1.228E-11	32.627	1.209E-11
BOBJ1	19	17.25	After	LC_Dead Load	LinStatic	1.289E-11	32.935	1.208E-11
BOBJ1	20	19.1667	Before	LC_Dead Load	LinStatic	1.295E-11	43.551	1.202E-11
BOBJ1	21	19.1667	After	LC_Dead Load	LinStatic	1.334E-11	43.858	1.202E-11
BOBJ1	22	21.0833	Before	LC_Dead Load	LinStatic	1.345E-11	54.474	1.195E-11
BOBJ1	23	21.0833	After	LC_Dead Load	LinStatic	1.390E-11	54.782	1.194E-11
BOBJ1	24	23.	Before	LC_Dead Load	LinStatic	1.399E-11	65.398	1.190E-11
BOBJ1	1	0.	After	LC_Wearing Surface Load	LinStatic	3.325E-12	-20.531	4.312E-12
BOBJ1	2	1.9167	Before	LC_Wearing Surface Load	LinStatic	3.270E-12	-20.531	4.320E-12
BOBJ1	3	1.9167	After	LC_Wearing Surface Load	LinStatic	4.104E-12	-16.775	4.327E-12
BOBJ1	4	3.8333	Before	LC_Wearing Surface Load	LinStatic	4.110E-12	-16.775	4.316E-12
BOBJ1	5	3.8333	After	LC_Wearing Surface Load	LinStatic	4.269E-12	-13.018	4.302E-12
BOBJ1	6	5.75	Before	LC_Wearing Surface Load	LinStatic	4.276E-12	-13.018	4.296E-12
BOBJ1	7	5.75	After	LC_Wearing Surface Load	LinStatic	4.371E-12	-9.261	4.305E-12
BOBJ1	8	7.6667	Before	LC_Wearing Surface Load	LinStatic	4.419E-12	-9.261	4.312E-12
BOBJ1	9	7.6667	After	LC_Wearing Surface Load	LinStatic	5.069E-12	-5.505	4.324E-12
BOBJ1	10	9.5833	Before	LC_Wearing Surface Load	LinStatic	5.116E-12	-5.505	4.329E-12
BOBJ1	11	9.5833	After	LC_Wearing Surface Load	LinStatic	4.846E-12	-1.748	4.326E-12
BOBJ1	12	11.5	Before	LC_Wearing Surface Load	LinStatic	4.773E-12	-1.748	4.326E-12
BOBJ1	13	11.5	After	LC_Wearing Surface Load	LinStatic	5.040E-12	2.009	4.307E-12
BOBJ1	14	13.4167	Before	LC_Wearing Surface Load	LinStatic	5.145E-12	2.009	4.290E-12
BOBJ1	15	13.4167	After	LC_Wearing Surface Load	LinStatic	4.840E-12	5.765	4.297E-12
BOBJ1	16	15.3333	Before	LC_Wearing Surface Load	LinStatic	4.859E-12	5.765	4.277E-12
BOBJ1	17	15.3333	After	LC_Wearing Surface Load	LinStatic	4.296E-12	9.522	4.267E-12
BOBJ1	18	17.25	Before	LC_Wearing Surface Load	LinStatic	4.245E-12	9.522	4.245E-12
BOBJ1	19	17.25	After	LC_Wearing Surface Load	LinStatic	4.510E-12	13.279	4.254E-12
BOBJ1	20	19.1667	Before	LC_Wearing Surface Load	LinStatic	4.501E-12	13.279	4.233E-12
BOBJ1	21	19.1667	After	LC_Wearing Surface Load	LinStatic	5.152E-12	17.035	4.234E-12
BOBJ1	22	21.0833	Before	LC_Wearing Surface Load	LinStatic	5.171E-12	17.035	4.215E-12
BOBJ1	23	21.0833	After	LC_Wearing Surface Load	LinStatic	5.273E-12	20.792	4.205E-12

Table 33: Bridge Object Forces, Part 1 of 3

BridgeObj	BridgeCut	Distance	LocType	OutputCase	CaseType	P	V2	V3
		ft				Kip	Kip	Kip
BOBJ1	24	23.	Before	LC_Wearing Surface Load	LinStatic	5.251E-12	20.792	4.193E-12

Table 33: Bridge Object Forces, Part 2 of 3

Table 33: Bridge Object Forces, Part 2 of 3

BridgeObj	BridgeCut	Distance	LocType	OutputCase	T	M2	M3	GlobalX
		ft			Kip-ft	Kip-ft	Kip-ft	ft
BOBJ1	1	0.	After	LC_Dead Load	-1.571E-09	1.200E-09	-1.513E-08	0.
BOBJ1	2	1.9167	Before	LC_Dead Load	-1.571E-09	1.176E-09	115.1313	1.9167
BOBJ1	3	1.9167	After	LC_Dead Load	-1.571E-09	1.120E-09	115.1313	1.9167
BOBJ1	4	3.8333	Before	LC_Dead Load	-1.571E-09	1.097E-09	209.3259	3.8333
BOBJ1	5	3.8333	After	LC_Dead Load	-1.572E-09	1.105E-09	209.3259	3.8333
BOBJ1	6	5.75	Before	LC_Dead Load	-1.571E-09	1.085E-09	282.5839	5.75
BOBJ1	7	5.75	After	LC_Dead Load	-1.571E-09	1.067E-09	282.5839	5.75
BOBJ1	8	7.6667	Before	LC_Dead Load	-1.571E-09	1.048E-09	334.9051	7.6667
BOBJ1	9	7.6667	After	LC_Dead Load	-1.566E-09	1.030E-09	334.9051	7.6667
BOBJ1	10	9.5833	Before	LC_Dead Load	-1.566E-09	1.006E-09	366.2897	9.5833
BOBJ1	11	9.5833	After	LC_Dead Load	-1.569E-09	1.043E-09	366.2897	9.5833
BOBJ1	12	11.5	Before	LC_Dead Load	-1.570E-09	1.020E-09	376.7375	11.5
BOBJ1	13	11.5	After	LC_Dead Load	-1.568E-09	1.015E-09	376.7375	11.5
BOBJ1	14	13.4167	Before	LC_Dead Load	-1.568E-09	9.906E-10	366.2487	13.4167
BOBJ1	15	13.4167	After	LC_Dead Load	-1.571E-09	9.671E-10	366.2487	13.4167
BOBJ1	16	15.3333	Before	LC_Dead Load	-1.570E-09	9.439E-10	334.8232	15.3333
BOBJ1	17	15.3333	After	LC_Dead Load	-1.565E-09	9.411E-10	334.8232	15.3333
BOBJ1	18	17.25	Before	LC_Dead Load	-1.565E-09	9.176E-10	282.461	17.25
BOBJ1	19	17.25	After	LC_Dead Load	-1.564E-09	9.160E-10	282.461	17.25
BOBJ1	20	19.1667	Before	LC_Dead Load	-1.564E-09	8.919E-10	209.1621	19.1667
BOBJ1	21	19.1667	After	LC_Dead Load	-1.561E-09	9.184E-10	209.1621	19.1667
BOBJ1	22	21.0833	Before	LC_Dead Load	-1.562E-09	8.957E-10	114.9266	21.0833
BOBJ1	23	21.0833	After	LC_Dead Load	-1.561E-09	8.701E-10	114.9266	21.0833
BOBJ1	24	23.	Before	LC_Dead Load	-1.561E-09	8.478E-10	-0.2457	23.
BOBJ1	1	0.	After	LC_Wearing Surface Load	-5.126E-10	3.893E-10	-5.169E-09	0.

Table 33: Bridge Object Forces, Part 2 of 3

BridgeObj	BridgeCut	Distance	LocType	OutputCase	T	M2	M3	GlobalX
		ft			Kip-ft	Kip-ft	Kip-ft	ft
BOBJ1	2	1.9167	Before	LC_Wearing Surface Load	-5.125E-10	3.807E-10	39.3514	1.9167
BOBJ1	3	1.9167	After	LC_Wearing Surface Load	-5.128E-10	3.686E-10	39.3514	1.9167
BOBJ1	4	3.8333	Before	LC_Wearing Surface Load	-5.127E-10	3.597E-10	71.5026	3.8333
BOBJ1	5	3.8333	After	LC_Wearing Surface Load	-5.138E-10	3.610E-10	71.5026	3.8333
BOBJ1	6	5.75	Before	LC_Wearing Surface Load	-5.137E-10	3.529E-10	96.4534	5.75
BOBJ1	7	5.75	After	LC_Wearing Surface Load	-5.135E-10	3.527E-10	96.4534	5.75
BOBJ1	8	7.6667	Before	LC_Wearing Surface Load	-5.134E-10	3.454E-10	114.204	7.6667
BOBJ1	9	7.6667	After	LC_Wearing Surface Load	-5.120E-10	3.414E-10	114.204	7.6667
BOBJ1	10	9.5833	Before	LC_Wearing Surface Load	-5.119E-10	3.330E-10	124.7543	9.5833
BOBJ1	11	9.5833	After	LC_Wearing Surface Load	-5.138E-10	3.423E-10	124.7543	9.5833
BOBJ1	12	11.5	Before	LC_Wearing Surface Load	-5.139E-10	3.342E-10	128.1044	11.5
BOBJ1	13	11.5	After	LC_Wearing Surface Load	-5.141E-10	3.324E-10	128.1044	11.5
BOBJ1	14	13.4167	Before	LC_Wearing Surface Load	-5.140E-10	3.235E-10	124.2541	13.4167
BOBJ1	15	13.4167	After	LC_Wearing Surface Load	-5.141E-10	3.131E-10	124.2541	13.4167
BOBJ1	16	15.3333	Before	LC_Wearing Surface Load	-5.141E-10	3.047E-10	113.2036	15.3333
BOBJ1	17	15.3333	After	LC_Wearing Surface Load	-5.115E-10	3.101E-10	113.2036	15.3333
BOBJ1	18	17.25	Before	LC_Wearing Surface Load	-5.114E-10	3.014E-10	94.9528	17.25
BOBJ1	19	17.25	After	LC_Wearing Surface Load	-5.114E-10	3.018E-10	94.9528	17.25
BOBJ1	20	19.1667	Before	LC_Wearing Surface Load	-5.114E-10	2.930E-10	69.5017	19.1667
BOBJ1	21	19.1667	After	LC_Wearing Surface Load	-5.103E-10	2.937E-10	69.5017	19.1667
BOBJ1	22	21.0833	Before	LC_Wearing Surface Load	-5.105E-10	2.857E-10	36.8504	21.0833
BOBJ1	23	21.0833	After	LC_Wearing Surface Load	-5.098E-10	2.795E-10	36.8504	21.0833
BOBJ1	24	23.	Before	LC_Wearing Surface Load	-5.098E-10	2.712E-10	-3.0013	23.

Table 33: Bridge Object Forces, Part 3 of 3

Table 33: Bridge Object Forces, Part 3 of 3

BridgeObj	BridgeCut	Distance	LocType	OutputCase	GlobalY	GlobalZ
		ft			ft	ft
BOBJ1	1	0.	After	LC_Dead Load	-1.066E-14	-0.6452
BOBJ1	2	1.9167	Before	LC_Dead Load	-1.066E-14	-0.6452
BOBJ1	3	1.9167	After	LC_Dead Load	-1.066E-14	-0.6452

Table 33: Bridge Object Forces, Part 3 of 3

BridgeObj	BridgeCut	Distance	LocType	OutputCase	GlobalY	GlobalZ
		ft			ft	ft
BOBJ1	4	3.8333	Before	LC_Dead Load	-1.066E-14	-0.6452
BOBJ1	5	3.8333	After	LC_Dead Load	-1.066E-14	-0.6452
BOBJ1	6	5.75	Before	LC_Dead Load	-1.066E-14	-0.6452
BOBJ1	7	5.75	After	LC_Dead Load	-1.066E-14	-0.6452
BOBJ1	8	7.6667	Before	LC_Dead Load	-1.066E-14	-0.6452
BOBJ1	9	7.6667	After	LC_Dead Load	-1.066E-14	-0.6452
BOBJ1	10	9.5833	Before	LC_Dead Load	-1.066E-14	-0.6452
BOBJ1	11	9.5833	After	LC_Dead Load	-1.066E-14	-0.6452
BOBJ1	12	11.5	Before	LC_Dead Load	-1.066E-14	-0.6452
BOBJ1	13	11.5	After	LC_Dead Load	-1.066E-14	-0.6452
BOBJ1	14	13.4167	Before	LC_Dead Load	-1.066E-14	-0.6452
BOBJ1	15	13.4167	After	LC_Dead Load	-1.066E-14	-0.6452
BOBJ1	16	15.3333	Before	LC_Dead Load	-1.066E-14	-0.6452
BOBJ1	17	15.3333	After	LC_Dead Load	-1.066E-14	-0.6452
BOBJ1	18	17.25	Before	LC_Dead Load	-1.066E-14	-0.6452
BOBJ1	19	17.25	After	LC_Dead Load	-1.066E-14	-0.6452
BOBJ1	20	19.1667	Before	LC_Dead Load	-1.066E-14	-0.6452
BOBJ1	21	19.1667	After	LC_Dead Load	-1.066E-14	-0.6452
BOBJ1	22	21.0833	Before	LC_Dead Load	-1.066E-14	-0.6452
BOBJ1	23	21.0833	After	LC_Dead Load	-1.066E-14	-0.6452
BOBJ1	24	23.	Before	LC_Dead Load	-1.066E-14	-0.6452
BOBJ1	1	0.	After	LC_Wearing Surface Load	-1.066E-14	-0.6452
BOBJ1	2	1.9167	Before	LC_Wearing Surface Load	-1.066E-14	-0.6452
BOBJ1	3	1.9167	After	LC_Wearing Surface Load	-1.066E-14	-0.6452
BOBJ1	4	3.8333	Before	LC_Wearing Surface Load	-1.066E-14	-0.6452
BOBJ1	5	3.8333	After	LC_Wearing Surface Load	-1.066E-14	-0.6452
BOBJ1	6	5.75	Before	LC_Wearing Surface Load	-1.066E-14	-0.6452
BOBJ1	7	5.75	After	LC_Wearing Surface Load	-1.066E-14	-0.6452
BOBJ1	8	7.6667	Before	LC_Wearing Surface Load	-1.066E-14	-0.6452
BOBJ1	9	7.6667	After	LC_Wearing Surface Load	-1.066E-14	-0.6452

Table 33: Bridge Object Forces, Part 3 of 3

BridgeObj	BridgeCut	Distance	LocType	OutputCase	GlobalY	GlobalZ
		ft			ft	ft
BOBJ1	10	9.5833	Before	LC_Wearing Surface Load	-1.066E-14	-0.6452
BOBJ1	11	9.5833	After	LC_Wearing Surface Load	-1.066E-14	-0.6452
BOBJ1	12	11.5	Before	LC_Wearing Surface Load	-1.066E-14	-0.6452
BOBJ1	13	11.5	After	LC_Wearing Surface Load	-1.066E-14	-0.6452
BOBJ1	14	13.4167	Before	LC_Wearing Surface Load	-1.066E-14	-0.6452
BOBJ1	15	13.4167	After	LC_Wearing Surface Load	-1.066E-14	-0.6452
BOBJ1	16	15.3333	Before	LC_Wearing Surface Load	-1.066E-14	-0.6452
BOBJ1	17	15.3333	After	LC_Wearing Surface Load	-1.066E-14	-0.6452
BOBJ1	18	17.25	Before	LC_Wearing Surface Load	-1.066E-14	-0.6452
BOBJ1	19	17.25	After	LC_Wearing Surface Load	-1.066E-14	-0.6452
BOBJ1	20	19.1667	Before	LC_Wearing Surface Load	-1.066E-14	-0.6452
BOBJ1	21	19.1667	After	LC_Wearing Surface Load	-1.066E-14	-0.6452
BOBJ1	22	21.0833	Before	LC_Wearing Surface Load	-1.066E-14	-0.6452
BOBJ1	23	21.0833	After	LC_Wearing Surface Load	-1.066E-14	-0.6452
BOBJ1	24	23.	Before	LC_Wearing Surface Load	-1.066E-14	-0.6452

10. Material take-off

This section provides a material take-off.

Table 34: Material List 2 - By Section Property

Table 34: Material List 2 - By Section Property

Section	ObjectType	NumPieces	TotalLength	TotalWeight
			ft	Kip
W30x108	Frame	12	107.	13.85
W24x84	Frame	36	69.	6.959
FSEC2	Frame	48	92.	7.732
ASEC1	Area			112.7
BFIXSS-1	Link	14		0.
Vertical only-1	Link	14		0.
BFSFIX-2	Link	14		0.



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CSiBridge Analysis and Design Report

Prepared by

Gresham Smith

Model Name: 19SR0060015_App_Span4-6.bdb

15 June 2020

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1. Model geometry

This section provides model geometry information, including items such as the layout line and lane definitions.

1.1. Layout Line

Table 1: Bridge Layout Line 2 - Horizontal Layout Data, Part 1 of 2

Table 1: Bridge Layout Line 2 - Horizontal Layout Data, Part 1 of 2

LayoutLine	SegType	Station	Radius	Bearing	CoordSys	X
		ft	ft			ft
Bridge Layout	Initial Station and Bearing	0.		N900000E	GLOBAL	0.
Bridge Layout	Straight at Previous Bearing to End	250.			GLOBAL	250.

Table 1: Bridge Layout Line 2 - Horizontal Layout Data, Part 2 of 2

Table 1: Bridge Layout Line 2 - Horizontal Layout Data, Part 2 of 2

LayoutLine	Y	GlobalX	GlobalY
	ft	ft	ft
Bridge Layout	0.	0.	0.
Bridge Layout	0.	250.	0.

Table 2: Bridge Layout Line 3 - Vertical Layout Data

Table 2: Bridge Layout Line 3 - Vertical Layout Data

LayoutLine	SegType	Station	Grade	CoordSys	Z	GlobalZ
		ft	Percent		ft	ft
Bridge Layout	Initial Station, Elevation Z and Grade	0.	0.	GLOBAL	0.	0.
Bridge Layout	Constant at Previous Grade to End	250.	0.	GLOBAL	0.	0.

1.2. Lanes

Table 3: Lane Definition Data, Part 1 of 2

Table 3: Lane Definition Data, Part 1 of 2

Lane	LaneFrom	LayoutLine	Station	LaneType	Width	Offset	Radius	LoadGroup
			ft		ft	ft	ft	
LANE1	Layout Line	Bridge Layout	0.	Fixed Lane	10.	20.	0.	Default
LANE1	Layout Line	Bridge Layout	250.		10.	20.	0.	Default
LANE2	Layout Line	Bridge Layout	0.	Fixed Lane	10.	10.	0.	Default

Table 3: Lane Definition Data, Part 1 of 2

Lane	LaneFrom	LayoutLine	Station	LaneType	Width	Offset	Radius	LoadGroup
			ft		ft	ft	ft	
LANE2	Layout Line	Bridge Layout	250.		10.	10.	0.	Default
LANE3	Layout Line	Bridge Layout	0.	Fixed Lane	10.	0.	0.	Default
LANE3	Layout Line	Bridge Layout	250.		10.	0.	0.	Default
LANE4	Layout Line	Bridge Layout	0.	Fixed Lane	10.	-10.	0.	Default
LANE4	Layout Line	Bridge Layout	250.		10.	-10.	0.	Default
LANE5	Layout Line	Bridge Layout	0.	Fixed Lane	10.	-20.	0.	Default
LANE5	Layout Line	Bridge Layout	250.		10.	-20.	0.	Default

Table 3: Lane Definition Data, Part 2 of 2

Table 3: Lane Definition Data, Part 2 of 2

Lane	DiscAlong	DiscAcross	DiscSpan	DiscLane	LeftType	RightType	Color	Notes
	ft	ft						
LANE1	3.	3.	No	No	Interior	Interior	Magenta	
LANE1								
LANE2	3.	3.	No	No	Interior	Interior	Gray8Dark	
LANE2								
LANE3	3.	3.	No	No	Interior	Interior	Blue	
LANE3								
LANE4	30.	30.	No	No	Interior	Interior	Red	
LANE4								
LANE5	3.	3.	No	No	Interior	Interior	Magenta	
LANE5								

1.3. Spans

Table 4: Bridge Object Definitions 03 - Spans 1 - General

Table 4: Bridge Object Definitions 03 - Spans 1 - General

BridgeObj	SpanName	BridgeSect	Variation
BOBJ1	Span 1	Span 4	No
BOBJ1	Span 2	Span 5	No
BOBJ1	Span 3	Span 6	No

1.4. Bridge Sections

Table 5: Bridge Section Definitions 05 - Steel I Girders 1 - General, Part 1 of 4

Table 5: Bridge Section Definitions 05 - Steel I Girders 1 - General, Part 1 of 4

Section	Material	NumIntGird	TotalWidth	GirdLayout	DiffSpacing	DiffHaunch	DiffSection
			ft				
Span 4	3000Psi	6	58.5	Along Layout Line	No	No	Yes
Span 5	3000Psi	6	58.5	Along Layout Line	No	No	Yes
Span 6	3000Psi	6	58.5	Along Layout Line	No	No	Yes

Table 5: Bridge Section Definitions 05 - Steel I Girders 1 - General, Part 2 of 4

Table 5: Bridge Section Definitions 05 - Steel I Girders 1 - General, Part 2 of 4

Section	TopSlabThk	HaunchHSame	GirdAreaObj	WebMesh	LOLength	LOFillDist	LOOuterThk	ROLength
	ft	ft		ft	ft	ft	ft	ft
Span 4	0.58333	0.25	Mixed	3.	1.25	1.25	0.54167	1.25
Span 5	0.58333	0.25	Mixed	3.	1.25	1.25	0.54167	1.25
Span 6	0.58333	0.25	Mixed	3.	1.25	1.25	0.54167	1.25

Table 5: Bridge Section Definitions 05 - Steel I Girders 1 - General, Part 3 of 4

Table 5: Bridge Section Definitions 05 - Steel I Girders 1 - General, Part 3 of 4

Section	ROFillDist	ROOuterThk	FHoriz1	FHoriz2	CurbLoc	CurbLeft	CurbRight
	ft	ft	ft	ft		ft	ft
Span 4	1.25	0.54167	0.	0.	User Defined	1.25	1.25
Span 5	1.25	0.54167	0.	0.	User Defined	1.25	1.25
Span 6	1.25	0.54167	0.	0.	User Defined	1.25	1.25

Table 5: Bridge Section Definitions 05 - Steel I Girders 1 - General, Part 4 of 4

Table 5: Bridge Section Definitions 05 - Steel I Girders 1 - General, Part 4 of 4

Section	CurbMedian	CurbMWidth	RefPtOffX	RefPtOffY
	ft	ft	ft	ft
Span 4	0.	0.	0.	0.
Span 5	0.	0.	0.	0.
Span 6	0.	0.	0.	0.

Table 6: Bridge Section Definitions 08 - Steel I Girders 4 - Sections

Table 6: Bridge Section Definitions 08 - Steel I Girders 4 - Sections

Section	GirderNum	GirderSect
Span 4	1	Span 4_ext Girder
Span 4	2	Span 4_Int Girder
Span 4	3	Span 4_Int Girder
Span 4	4	Span 4_Int Girder
Span 4	5	Span 4_Int Girder

Table 6: Bridge Section Definitions 08 - Steel I Girders 4 - Sections

Section	GirderNum	GirderSect
Span 4	6	Span 4_Int Girder
Span 4	7	Span 4_Int Girder
Span 4	8	Span 4_ext Girder
Span 5	1	Span 5_ext Girder
Span 5	2	Span 5_Int Girder
Span 5	3	Span 5_Int Girder
Span 5	4	Span 5_Int Girder
Span 5	5	Span 5_Int Girder
Span 5	6	Span 5_Int Girder
Span 5	7	Span 5_Int Girder
Span 5	8	Span 5_ext Girder
Span 6	1	Span 6_ext Girder
Span 6	2	Span 6_Int Girder
Span 6	3	Span 6_Int Girder
Span 6	4	Span 6_Int Girder
Span 6	5	Span 6_Int Girder
Span 6	6	Span 6_Int Girder
Span 6	7	Span 6_Int Girder
Span 6	8	Span 6_ext Girder

1.5. Abutments

Table 7: Bridge Abutment Definitions

Table 7: Bridge Abutment Definitions

Abutment	GirderSup	SubType	FSProp
BABT1	Bottom	Spring	Fixed

Table 8: Bridge Object Definitions 06 - Abutments, Part 1 of 2

Table 8: Bridge Object Definitions 06 - Abutments, Part 1 of 2

BridgeObj	Location	SupportName	BearingDir	DiaphProp	SubType	BentProp	SubElev	HorizOff
							ft	ft
BOBJ1	Start	Start Abutment	Default	End diaphragm	Bent	Int. Bent	-4.	0.
BOBJ1	End	End Abutment	Default	End diaphragm	Bent	Int. Bent	-4.	0.

Table 8: Bridge Object Definitions 06 - Abutments, Part 2 of 2

Table 8: Bridge Object Definitions 06 - Abutments, Part 2 of 2

BridgeObj	Location	SupportName	BearProp	BearResProp	BearElev	BearAngle
					ft	Degrees
BOBJ1	Start	Start Abutment	Vertical only	None	-4.	0.
BOBJ1	End	End Abutment	BBRG1	None	-4.	0.

1.6. Bents

Table 9: Bridge Bent Definitions 1 - General

Table 9: Bridge Bent Definitions 1 - General

Bent	BeamLength	BeamSect	Type	GirderSup1	NumCols
	ft				
Int. Bent	60.	Bent Cap	Single	Bottom	3

Table 10: Bridge Bent Definitions 2 - Column Data, Part 1 of 2

Table 10: Bridge Bent Definitions 2 - Column Data, Part 1 of 2

Bent	ColNum	Section	Distance	Height	Angle	ColSupport	RHLong	RHTrans
			ft	ft	Degrees			
Int. Bent	1	Column Section	2.	25.	0.	Fixed	1.	1.
Int. Bent	2	Column Section	30.	25.	0.	Fixed	1.	1.
Int. Bent	3	Column Section	58.	25.	0.	Fixed	1.	1.

Table 10: Bridge Bent Definitions 2 - Column Data, Part 2 of 2

Table 10: Bridge Bent Definitions 2 - Column Data, Part 2 of 2

Bent	ColNum	Section	ColSupport	HingeTop	HingeBot	R1Release	R2Release	R3Release
Int. Bent	1	Column Section	Fixed	None	None	Fixed	Fixed	Fixed
Int. Bent	2	Column Section	Fixed	None	None	Fixed	Fixed	Fixed

Table 10: Bridge Bent Definitions 2 - Column Data, Part 2 of 2

Bent	ColNum	Section	ColSupport	HingeTop	HingeBot	R1Release	R2Release	R3Release
Int. Bent	3	Column Section	Fixed	None	None	Fixed	Fixed	Fixed

Table 11: Bridge Object Definitions 07 - Bents, Part 1 of 2

Table 11: Bridge Object Definitions 07 - Bents, Part 1 of 2

BridgeObj	SpanName	BentProp	Continuous	SupportName	BearingDir	BentElev	HorizOff	DiaphBefore
						ft	ft	
BOBJ1	Span 1	Int. Bent	Yes	End Abtument	Default	-4.	0.	End diaphragm
BOBJ1	Span 2	Int. Bent	Yes	Span 2	Default	-4.	0.	End diaphragm

Table 11: Bridge Object Definitions 07 - Bents, Part 2 of 2

Table 11: Bridge Object Definitions 07 - Bents, Part 2 of 2

BridgeObj	SpanName	SupportName	MeshAtBent	BearProp1	BrResProp1	BearElev1	BearAngle1
						ft	Degrees
BOBJ1	Span 1	End Abtument	Yes	BBRG1	None	-4.	0.
BOBJ1	Span 2	Span 2	Yes	BBRG1	None	-4.	0.

1.7. Diaphragms

Table 12: Bridge Diaphragm Definitions, Part 1 of 2

Table 12: Bridge Diaphragm Definitions, Part 1 of 2

Diaph	DiaphType	IncConnPlat	Beam	BeamDist	MixedBeam	MatCnPlat	WidthCnPlat	ThickCnPlat
				ft			ft	ft
End diaphragm	Single Beam	Yes	C15x33.9	1.	No	Grade 33	0.41667	0.03125
Int diaphragm	Single Beam	Yes	Int Diaphragm Section	0.	No	Grade 33	0.66667	0.03125

Table 12: Bridge Diaphragm Definitions, Part 2 of 2

Table 12: Bridge Diaphragm Definitions, Part 2 of 2

Diaph	BothSideWeb
End diaphragm	Yes
Int diaphragm	Yes

1.8. Bearings

Table 13: Bridge Bearing Definitions

Table 13: Bridge Bearing Definitions

Bearing	Type	U1Type	U2Type	U3Type	R1Type	R2Type	R3Type
BBRG1	User	Fixed	Fixed	Fixed	Free	Free	Free
BBRG2	User	Fixed	Free	Free	Free	Free	Free
BBRG9	User	Fixed	Free	Fixed	Free	Free	Free
Fixed	User	Fixed	Fixed	Fixed	Fixed	Fixed	Fixed
Vertical only	User	Fixed	Free	Free	Free	Free	Free

Table 14: Bridge Model Summary 01 - Bearing Supports

Table 14: Bridge Model Summary 01 - Bearing Supports

BridgeObj	SpanName	Station	Type	Bearing	BearProp	BearElev	BearAngle
		ft				ft	Degrees
BOBJ1	Start Abutment	0.	Bent	1	Vertical only	-4.	0.
BOBJ1	Start Abutment	0.	Bent	2	Vertical only	-4.	0.
BOBJ1	Start Abutment	0.	Bent	3	Vertical only	-4.	0.
BOBJ1	Start Abutment	0.	Bent	4	Vertical only	-4.	0.
BOBJ1	Start Abutment	0.	Bent	5	Vertical only	-4.	0.
BOBJ1	Start Abutment	0.	Bent	6	Vertical only	-4.	0.
BOBJ1	Start Abutment	0.	Bent	7	Vertical only	-4.	0.
BOBJ1	Start Abutment	0.	Bent	8	Vertical only	-4.	0.
BOBJ1	Span 1	80.	Bent	1	BBRG1	-4.	0.
BOBJ1	Span 1	80.	Bent	2	BBRG1	-4.	0.
BOBJ1	Span 1	80.	Bent	3	BBRG1	-4.	0.
BOBJ1	Span 1	80.	Bent	4	BBRG1	-4.	0.
BOBJ1	Span 1	80.	Bent	5	BBRG1	-4.	0.
BOBJ1	Span 1	80.	Bent	6	BBRG1	-4.	0.
BOBJ1	Span 1	80.	Bent	7	BBRG1	-4.	0.
BOBJ1	Span 1	80.	Bent	8	BBRG1	-4.	0.
BOBJ1	Span 2	160.	Bent	1	BBRG1	-4.	0.
BOBJ1	Span 2	160.	Bent	2	BBRG1	-4.	0.
BOBJ1	Span 2	160.	Bent	3	BBRG1	-4.	0.
BOBJ1	Span 2	160.	Bent	4	BBRG1	-4.	0.
BOBJ1	Span 2	160.	Bent	5	BBRG1	-4.	0.
BOBJ1	Span 2	160.	Bent	6	BBRG1	-4.	0.
BOBJ1	Span 2	160.	Bent	7	BBRG1	-4.	0.
BOBJ1	Span 2	160.	Bent	8	BBRG1	-4.	0.
BOBJ1	Span 3	240.	Bent	1	BBRG1	-4.	0.
BOBJ1	Span 3	240.	Bent	2	BBRG1	-4.	0.
BOBJ1	Span 3	240.	Bent	3	BBRG1	-4.	0.
BOBJ1	Span 3	240.	Bent	4	BBRG1	-4.	0.

Table 14: Bridge Model Summary 01 - Bearing Supports

BridgeObj	SpanName	Station	Type	Bearing	BearProp	BearElev	BearAngle
		ft				ft	Degrees
BOBJ1	Span 3	240.	Bent	5	BBRG1	-4.	0.
BOBJ1	Span 3	240.	Bent	6	BBRG1	-4.	0.
BOBJ1	Span 3	240.	Bent	7	BBRG1	-4.	0.
BOBJ1	Span 3	240.	Bent	8	BBRG1	-4.	0.

2. Material properties

This section provides material property information for materials used in the model.

Table 15: Material Properties 02 - Basic Mechanical Properties

Table 15: Material Properties 02 - Basic Mechanical Properties

Material	UnitWeight	UnitMass	E1	G12	U12	A1
	Lb/ft3	Lb-s2/ft4	Lb/ft2	Lb/ft2		1/F
3000Psi	1.5000E+02	4.6621E+00	4495706780.	1873211160.	0.2	5.5000E-06
4000Psi	1.5000E+02	4.6621E+00	5191194960.	2162997900.	0.2	5.5000E-06
A36	4.9000E+02	1.5230E+01	4176000000.	1606153846.	0.3	6.5000E-06
A416Gr270	4.9000E+02	1.5230E+01	4104000000.			6.5000E-06
A615Gr60	4.9000E+02	1.5230E+01	4176000000.			6.5000E-06
A709Gr50	4.9000E+02	1.5230E+01	4176000000.	1606153846.	0.3	6.5000E-06
Grade 33	4.9000E+02	1.5230E+01	4176000000.	1606153846.	0.3	6.5000E-06

Table 16: Material Properties 03a - Steel Data

Table 16: Material Properties 03a - Steel Data

Material	Fy	Fu	FinalSlope
	Lb/ft2	Lb/ft2	
A36	5184000.	8352000.	-0.1
A709Gr50	7200000.	9360000.	-0.1
Grade 33	4752000.	7488000.	-0.1

Table 17: Material Properties 03b - Concrete Data

Table 17: Material Properties 03b - Concrete Data

Material	Fc	eFc	FinalSlope
	Lb/ft2	Lb/ft2	
3000Psi	432000.	432000.	-0.1
4000Psi	576000.	576000.	-0.1

Table 18: Material Properties 03e - Rebar Data

Table 18: Material Properties 03e - Rebar Data

Material	Fy	Fu	FinalSlope
	Lb/ft2	Lb/ft2	
A615Gr60	8640000.	12960000.	-0.1

Table 19: Material Properties 03f - Tendon Data

Table 19: Material Properties 03f - Tendon Data

Material	Fy	Fu	FinalSlope
	Lb/ft2	Lb/ft2	
A416Gr270	35294400.	38880000.	-0.1

3. Section properties

This section provides section property information for objects used in the model.

3.1. Frames

Table 20: Frame Section Properties 01 - General, Part 1 of 5

Table 20: Frame Section Properties 01 - General, Part 1 of 5

SectionName	Material	Shape	t3	t2	tf	tw	t2b	tfb
			ft	ft	ft	ft	ft	ft
Bent Cap	3000Psi	Rectangular	4.	4.				
BRD1	3000Psi	Bridge Section						
BRD10	3000Psi	Bridge Section						
BRD11	3000Psi	Bridge Section						
BRD12	3000Psi	Bridge Section						
BRD13	3000Psi	Bridge Section						
BRD14	3000Psi	Bridge Section						
BRD15	3000Psi	Bridge Section						
BRD16	3000Psi	Bridge Section						
BRD17	3000Psi	Bridge Section						
BRD18	3000Psi	Bridge Section						
BRD19	3000Psi	Bridge Section						
BRD2	3000Psi	Bridge Section						
BRD20	3000Psi	Bridge Section						
BRD21	3000Psi	Bridge Section						
BRD22	3000Psi	Bridge Section						
BRD23	3000Psi	Bridge Section						
BRD24	3000Psi	Bridge Section						
BRD25	3000Psi	Bridge Section						
BRD26	3000Psi	Bridge Section						
BRD27	3000Psi	Bridge Section						
BRD28	3000Psi	Bridge Section						
BRD29	3000Psi	Bridge Section						
BRD3	3000Psi	Bridge Section						
BRD30	3000Psi	Bridge Section						
BRD31	3000Psi	Bridge Section						
BRD32	3000Psi	Bridge Section						

Table 20: Frame Section Properties 01 - General, Part 1 of 5

SectionName	Material	Shape	t3	t2	tf	tw	t2b	tfb
			ft	ft	ft	ft	ft	ft
BRD33	3000Psi	Bridge Section						
BRD34	3000Psi	Bridge Section						
BRD35	3000Psi	Bridge Section						
BRD36	3000Psi	Bridge Section						
BRD37	3000Psi	Bridge Section						
BRD38	3000Psi	Bridge Section						
BRD39	3000Psi	Bridge Section						
BRD4	3000Psi	Bridge Section						
BRD40	3000Psi	Bridge Section						
BRD41	3000Psi	Bridge Section						
BRD42	3000Psi	Bridge Section						
BRD43	3000Psi	Bridge Section						
BRD44	3000Psi	Bridge Section						
BRD45	3000Psi	Bridge Section						
BRD46	3000Psi	Bridge Section						
BRD47	3000Psi	Bridge Section						
BRD48	3000Psi	Bridge Section						
BRD49	3000Psi	Bridge Section						
BRD5	3000Psi	Bridge Section						
BRD50	3000Psi	Bridge Section						
BRD51	3000Psi	Bridge Section						
BRD52	3000Psi	Bridge Section						
BRD53	3000Psi	Bridge Section						
BRD54	3000Psi	Bridge Section						
BRD55	3000Psi	Bridge Section						
BRD56	3000Psi	Bridge Section						
BRD57	3000Psi	Bridge Section						
BRD58	3000Psi	Bridge Section						
BRD59	3000Psi	Bridge Section						
BRD6	3000Psi	Bridge Section						
BRD60	3000Psi	Bridge Section						
BRD7	3000Psi	Bridge Section						
BRD8	3000Psi	Bridge Section						
BRD9	3000Psi	Bridge Section						
C15x33.9	Grade 33	Channel	1.25	0.28333	0.05417	0.03333		
Column Section	3000Psi	Rectangular	4.	4.				
FSEC1	Grade 33	Rectangular	0.14	1.38792				
FSEC10	Grade 33	Rectangular	0.16208	1.16667				
FSEC11	Grade 33	Rectangular	0.19108	1.38292				
FSEC12	Grade 33	Rectangular	0.12	1.37917				
FSEC2	A709Gr50	I/Wide Flange	2.00833	0.75167	0.06417	0.03917	0.75167	0.06417
FSEC3	Grade 33	Rectangular	0.13083	1.38292				
FSEC4	Grade 33	Rectangular	0.83333	0.03125				
FSEC5	Grade 33	Rectangular	1.33333	0.03125				
FSEC6	Grade 33	Rectangular	0.19258	1.38792				
FSEC7	Grade 33	Rectangular	0.09167	1.0025				
FSEC8	Grade 33	Rectangular	0.1725	1.16667				
FSEC9	Grade 33	Rectangular	0.21008	1.38792				
Int Diaphragm Section	Grade 33	I/Wide Flange	2.54167	0.61458	0.02608	0.03125	0.61458	0.02608
Span 4_ext Girder		Nonprismatic						
Span 4_Int Girder		Nonprismatic						

Table 20: Frame Section Properties 01 - General, Part 1 of 5

SectionName	Material	Shape	t3	t2	tf	tw	t2b	tfb
			ft	ft	ft	ft	ft	ft
Span 5_ext Girder		Nonprismatic						
Span 5_Int Girder		Nonprismatic						
Span 6_ext Girder		Nonprismatic						
Span 6_Int Girder		Nonprismatic						
W36x170	Grade 33	I/Wide Flange	3.01417	1.0025	0.09167	0.05667	1.0025	0.09167
W36x170 + CP 14x1	Grade 33	I/Wide Flange	3.155	1.16667	0.16208	0.05667	1.16667	0.16208
W36x170 + CP 14x1.125	Grade 33	I/Wide Flange	3.17583	1.16667	0.1725	0.05667	1.16667	0.1725
W36x182	Grade 33	I/Wide Flange	3.0275	1.00625	0.09833	0.06042	1.00625	0.09833
W36x260	Grade 33	I/Wide Flange	3.02167	1.37917	0.12	0.07	1.37917	0.12
W36x280	Grade 33	I/Wide Flange	3.04333	1.38292	0.13083	0.07375	1.38292	0.13083
W36x280 + CP 12x1	Grade 33	I/Wide Flange	3.13467	1.38292	0.19108	0.07375	1.38292	0.19108
W36x300	Grade 33	I/Wide Flange	3.06167	1.38792	0.14	0.07875	1.38792	0.14
W36x300 + CP 10x7/16	Grade 33	I/Wide Flange	3.11933	1.38792	0.19258	0.07875	1.38792	0.19258
W36x300 + CP 14x1	Grade 33	I/Wide Flange	3.15425	1.38792	0.21008	0.07875	1.38792	0.21008

Table 20: Frame Section Properties 01 - General, Part 2 of 5

Table 20: Frame Section Properties 01 - General, Part 2 of 5

SectionName	Area	TorsConst	I33	I22	I23	AS2	AS3
	ft2	ft4	ft4	ft4	ft4	ft2	ft2
Bent Cap	16.	36.053333	21.333333	21.333333	0.	13.3333	13.3333
BRD1	78.3096	6.28431	140.826382	24910.20321	0.	21.7095	34.8021
BRD10	80.8058	6.361691	147.876918	26867.63363	0.	21.8466	35.2627
BRD11	80.8058	6.361691	147.876918	26867.63363	0.	21.8466	35.2627
BRD12	78.3096	6.28431	140.826382	24910.20321	0.	21.7095	34.8021
BRD13	78.3096	6.28431	140.826382	24910.20321	0.	21.7095	34.8021
BRD14	78.3096	6.28431	140.826382	24910.20321	0.	21.7095	34.8021
BRD15	78.3096	6.28431	140.826382	24910.20321	0.	21.7095	34.8021
BRD16	65.8556	5.421022	108.330357	22583.00639	0.	18.5152	33.8088
BRD17	65.8556	5.421022	108.330357	22583.00639	0.	18.5152	33.8088
BRD18	77.635	5.984127	148.232447	24783.50251	0.	18.5349	34.1633
BRD19	77.635	5.984127	148.232447	24783.50251	0.	18.5349	34.1633
BRD2	78.3096	6.28431	140.826382	24910.20321	0.	21.7095	34.8021
BRD20	80.9849	6.094147	158.008418	27410.41208	0.	18.612	34.752
BRD21	80.9849	6.094147	158.008418	27410.41208	0.	18.612	34.752

Table 20: Frame Section Properties 01 - General, Part 2 of 5

SectionName	Area	TorsConst	I33	I22	I23	AS2	AS3
	ft2	ft4	ft4	ft4	ft4	ft2	ft2
BRD22	77.635	5.984127	148.232447	24783.50251	0.	18.5349	34.1633
BRD23	77.635	5.984127	148.232447	24783.50251	0.	18.5349	34.1633
BRD24	65.8556	5.421022	108.330357	22583.00639	0.	18.5152	33.8088
BRD25	60.9731	5.118612	94.371859	18754.22365	0.	16.8879	32.6864
BRD26	60.9731	5.118612	94.371859	18754.22365	0.	16.8879	32.6864
BRD27	60.9731	5.118612	94.371859	18754.22365	0.	16.8879	32.6864
BRD28	60.9731	5.118612	94.371859	18754.22365	0.	16.8879	32.6864
BRD29	60.9731	5.118612	94.371859	18754.22365	0.	16.8879	32.6864
BRD3	78.3096	6.28431	140.826382	24910.20321	0.	21.7095	34.8021
BRD30	60.9731	5.118612	94.371859	18754.22365	0.	16.8879	32.6864
BRD31	60.9731	5.118612	94.371859	18754.22365	0.	16.8879	32.6864
BRD32	60.9731	5.118612	94.371859	18754.22365	0.	16.8879	32.6864
BRD33	60.9731	5.118612	94.371859	18754.22365	0.	16.8879	32.6864
BRD34	60.9731	5.118612	94.371859	18754.22365	0.	16.8879	32.6864
BRD35	60.9731	5.118612	94.371859	18754.22365	0.	16.8879	32.6864
BRD36	60.9731	5.118612	94.371859	18754.22365	0.	16.8879	32.6864
BRD37	65.1244	5.404846	106.215228	22009.69984	0.	18.1484	33.6747
BRD38	75.6221	5.924937	141.910847	23970.79823	0.	18.165	34.0457
BRD39	75.6221	5.924937	141.910847	23970.79823	0.	18.165	34.0457
BRD4	78.3096	6.28431	140.826382	24910.20321	0.	21.7095	34.8021
BRD40	78.5114	6.009159	150.736583	26236.41053	0.	18.2	34.5875
BRD41	78.5114	6.009159	150.736583	26236.41053	0.	18.2	34.5875
BRD42	75.6221	5.924937	141.910847	23970.79823	0.	18.165	34.0457
BRD43	75.6221	5.924937	141.910847	23970.79823	0.	18.165	34.0457
BRD44	65.1244	5.404846	106.215228	22009.69984	0.	18.1484	33.6747
BRD45	65.1244	5.404846	106.215228	22009.69984	0.	18.1484	33.6747
BRD46	75.364	6.215518	132.830748	23923.2442	0.	20.5872	34.6799
BRD47	75.364	6.215518	132.830748	23923.2442	0.	20.5872	34.6799
BRD48	75.364	6.215518	132.830748	23923.2442	0.	20.5872	34.6799
BRD49	75.364	6.215518	132.830748	23923.2442	0.	20.5872	34.6799

Table 20: Frame Section Properties 01 - General, Part 2 of 5

SectionName	Area	TorsConst	I33	I22	I23	AS2	AS3
	ft2	ft4	ft4	ft4	ft4	ft2	ft2
BRD5	78.3096	6.28431	140.826382	24910.20321	0.	21.7095	34.8021
BRD50	75.364	6.215518	132.830748	23923.2442	0.	20.5872	34.6799
BRD51	75.364	6.215518	132.830748	23923.2442	0.	20.5872	34.6799
BRD52	75.364	6.215518	132.830748	23923.2442	0.	20.5872	34.6799
BRD53	75.364	6.215518	132.830748	23923.2442	0.	20.5872	34.6799
BRD54	75.364	6.215518	132.830748	23923.2442	0.	20.5872	34.6799
BRD55	75.364	6.215518	132.830748	23923.2442	0.	20.5872	34.6799
BRD56	75.364	6.215518	132.830748	23923.2442	0.	20.5872	34.6799
BRD57	75.364	6.215518	132.830748	23923.2442	0.	20.5872	34.6799
BRD58	75.364	6.215518	132.830748	23923.2442	0.	20.5872	34.6799
BRD59	75.364	6.215518	132.830748	23923.2442	0.	20.5872	34.6799
BRD6	80.8058	6.361691	147.876918	26867.63363	0.	21.8466	35.2627
BRD60	75.364	6.215518	132.830748	23923.2442	0.	20.5872	34.6799
BRD7	80.8058	6.361691	147.876918	26867.63363	0.	21.8466	35.2627
BRD8	80.8058	6.361691	147.876918	26867.63363	0.	21.8466	35.2627
BRD9	80.8058	6.361691	147.876918	26867.63363	0.	21.8466	35.2627
C15x33.9	0.0692	0.000049	0.015191	0.000392	0.	0.0417	0.0307
Column Section	16.	36.053333	21.333333	21.333333	0.	13.3333	13.3333
FSEC1	0.1943	0.001189	0.000317	0.031192	0.	0.1619	0.1619
FSEC10	0.1891	0.001511	0.000414	0.021449	0.	0.1576	0.1576
FSEC11	0.2643	0.002936	0.000804	0.042114	0.	0.2202	0.2202
FSEC12	0.1655	0.000751	0.000199	0.026233	0.	0.1379	0.1379
FSEC2	0.1715	0.000178	0.114294	0.004552	0.	0.0787	0.0804
FSEC3	0.1809	0.000971	0.000258	0.028835	0.	0.1508	0.1508
FSEC4	0.026	8.277E-06	0.001507	2.119E-06	0.	0.0217	0.0217
FSEC5	0.0417	0.000013	0.006173	3.391E-06	0.	0.0347	0.0347
FSEC6	0.2673	0.003016	0.000826	0.042907	0.	0.2227	0.2227
FSEC7	0.0919	0.000243	0.000064	0.007696	0.	0.0766	0.0766
FSEC8	0.2013	0.00181	0.000499	0.022827	0.	0.1677	0.1677
FSEC9	0.2916	0.003881	0.001072	0.046806	0.	0.243	0.243
Int Diaphragm Section	0.1099	0.000032	0.090903	0.001015	0.	0.0794	0.0267
Span 4_ext Girder							
Span 4_Int Girder							
Span 5_ext Girder							
Span 5_Int Girder							
Span 6_ext Girder							

Table 20: Frame Section Properties 01 - General, Part 2 of 5

SectionName	Area	TorsConst	I33	I22	I23	AS2	AS3
	ft2	ft4	ft4	ft4	ft4	ft2	ft2
Span 6_Int Girder							
W36x170	0.3472	0.000728	0.506366	0.015432	0.	0.1708	0.1532
W36x170 + CP 14x1	0.5386	0.003192	0.954877	0.04294	0.	0.1788	0.3152
W36x170 + CP 14x1.125	0.5629	0.00379	1.015761	0.045697	0.	0.18	0.3354
W36x182	0.3722	0.000887	0.544946	0.016734	0.	0.1829	0.1649
W36x260	0.5313	0.002001	0.834298	0.052566	0.	0.2115	0.2758
W36x280	0.5722	0.002537	0.911458	0.05787	0.	0.2244	0.3016
W36x280 + CP 12x1	0.7315	0.006234	1.274602	0.084321	0.	0.2312	0.4404
W36x300	0.6132	0.003096	0.978974	0.062693	0.	0.2411	0.3238
W36x300 + CP 10x7/16	0.7499	0.006468	1.280571	0.085925	0.	0.2456	0.4455
W36x300 + CP 14x1	0.7985	0.008198	1.399985	0.093723	0.	0.2484	0.486

Table 20: Frame Section Properties 01 - General, Part 3 of 5

Table 20: Frame Section Properties 01 - General, Part 3 of 5

SectionName	S33	S22	Z33	Z22	R33	R22
	ft3	ft3	ft3	ft3	ft	ft
Bent Cap	10.666667	10.666667	16.	16.	1.1547	1.1547
BRD1	58.699464	851.630879	90.938221	1342.892439	1.34102	17.83533
BRD10	62.168384	918.551577	95.412324	1426.414196	1.35279	18.23448
BRD11	62.168384	918.551577	95.412324	1426.414196	1.35279	18.23448
BRD12	58.699464	851.630879	90.938221	1342.892439	1.34102	17.83533
BRD13	58.699464	851.630879	90.938221	1342.892439	1.34102	17.83533
BRD14	58.699464	851.630879	90.938221	1342.892439	1.34102	17.83533
BRD15	58.699464	851.630879	90.938221	1342.892439	1.34102	17.83533
BRD16	42.385685	772.068594	69.556481	1165.993511	1.28256	18.51802
BRD17	42.385685	772.068594	69.556481	1165.993511	1.28256	18.51802
BRD18	60.026706	847.299231	91.837967	1334.292018	1.38179	17.86704
BRD19	60.026706	847.299231	91.837967	1334.292018	1.38179	17.86704
BRD2	58.699464	851.630879	90.938221	1342.892439	1.34102	17.83533
BRD20	64.901436	937.108105	97.98324	1446.373057	1.39681	18.39737
BRD21	64.901436	937.108105	97.98324	1446.373057	1.39681	18.39737
BRD22	60.026706	847.299231	91.837967	1334.292018	1.38179	17.86704
BRD23	60.026706	847.299231	91.837967	1334.292018	1.38179	17.86704
BRD24	42.385685	772.068594	69.556481	1165.993511	1.28256	18.51802

Table 20: Frame Section Properties 01 - General, Part 3 of 5

SectionName	S33	S22	Z33	Z22	R33	R22
	ft3	ft3	ft3	ft3	ft	ft
BRD25	35.808683	641.170039	60.471151	1004.03687	1.24409	17.53802
BRD26	35.808683	641.170039	60.471151	1004.03687	1.24409	17.53802
BRD27	35.808683	641.170039	60.471151	1004.03687	1.24409	17.53802
BRD28	35.808683	641.170039	60.471151	1004.03687	1.24409	17.53802
BRD29	35.808683	641.170039	60.471151	1004.03687	1.24409	17.53802
BRD3	58.699464	851.630879	90.938221	1342.89239	1.34102	17.83533
BRD30	35.808683	641.170039	60.471151	1004.03687	1.24409	17.53802
BRD31	35.808683	641.170039	60.471151	1004.03687	1.24409	17.53802
BRD32	35.808683	641.170039	60.471151	1004.03687	1.24409	17.53802
BRD33	35.808683	641.170039	60.471151	1004.03687	1.24409	17.53802
BRD34	35.808683	641.170039	60.471151	1004.03687	1.24409	17.53802
BRD35	35.808683	641.170039	60.471151	1004.03687	1.24409	17.53802
BRD36	35.808683	641.170039	60.471151	1004.03687	1.24409	17.53802
BRD37	41.362846	752.46837	68.194875	1141.62492	1.27709	18.38379
BRD38	57.123857	819.514469	87.954578	1291.54843	1.36988	17.80397
BRD39	57.123857	819.514469	87.954578	1291.54843	1.36988	17.80397
BRD4	58.699464	851.630879	90.938221	1342.89239	1.34102	17.83533
BRD40	61.499229	896.9713	93.327347	1388.20856	1.38562	18.28041
BRD41	61.499229	896.9713	93.327347	1388.20856	1.38562	18.28041
BRD42	57.123857	819.514469	87.954578	1291.54843	1.36988	17.80397
BRD43	57.123857	819.514469	87.954578	1291.54843	1.36988	17.80397
BRD44	41.362846	752.46837	68.194875	1141.62492	1.27709	18.38379
BRD45	41.362846	752.46837	68.194875	1141.62492	1.27709	18.38379
BRD46	54.750357	817.88869	85.506154	1286.86221	1.3276	17.81674
BRD47	54.750357	817.88869	85.506154	1286.86221	1.3276	17.81674
BRD48	54.750357	817.88869	85.506154	1286.86221	1.3276	17.81674
BRD49	54.750357	817.88869	85.506154	1286.86221	1.3276	17.81674
BRD5	58.699464	851.630879	90.938221	1342.89239	1.34102	17.83533
BRD50	54.750357	817.88869	85.506154	1286.86221	1.3276	17.81674
BRD51	54.750357	817.88869	85.506154	1286.86221	1.3276	17.81674

Table 20: Frame Section Properties 01 - General, Part 3 of 5

SectionName	S33	S22	Z33	Z22	R33	R22
	ft3	ft3	ft3	ft3	ft	ft
BRD52	54.750357	817.88869	85.506154	1286.862215	1.3276	17.81674
BRD53	54.750357	817.88869	85.506154	1286.862215	1.3276	17.81674
BRD54	54.750357	817.88869	85.506154	1286.862215	1.3276	17.81674
BRD55	54.750357	817.88869	85.506154	1286.862215	1.3276	17.81674
BRD56	54.750357	817.88869	85.506154	1286.862215	1.3276	17.81674
BRD57	54.750357	817.88869	85.506154	1286.862215	1.3276	17.81674
BRD58	54.750357	817.88869	85.506154	1286.862215	1.3276	17.81674
BRD59	54.750357	817.88869	85.506154	1286.862215	1.3276	17.81674
BRD6	62.168384	918.551577	95.412324	1426.414196	1.35279	18.23448
BRD60	54.750357	817.88869	85.506154	1286.862215	1.3276	17.81674
BRD7	62.168384	918.551577	95.412324	1426.414196	1.35279	18.23448
BRD8	62.168384	918.551577	95.412324	1426.414196	1.35279	18.23448
BRD9	62.168384	918.551577	95.412324	1426.414196	1.35279	18.23448
C15x33.9	0.024306	0.001801	0.029167	0.003605	0.46865	0.07529
Column Section	10.666667	10.666667	16.	16.	1.1547	1.1547
FSEC1	0.004534	0.044947	0.006801	0.067421	0.04041	0.40066
FSEC10	0.005108	0.036769	0.007662	0.055153	0.04679	0.33679
FSEC11	0.008416	0.060906	0.012624	0.09136	0.05516	0.39921
FSEC12	0.00331	0.038042	0.004965	0.057063	0.03464	0.39813
FSEC2	0.11382	0.012113	0.12963	0.018866	0.81629	0.16291
FSEC3	0.003945	0.041702	0.005918	0.062553	0.03777	0.39921
FSEC4	0.003617	0.000136	0.005425	0.000203	0.24056	0.00902
FSEC5	0.009259	0.000217	0.013889	0.000326	0.3849	0.00902
FSEC6	0.008579	0.061829	0.012869	0.092744	0.05559	0.40066
FSEC7	0.001404	0.015354	0.002106	0.023031	0.02646	0.2894
FSEC8	0.005786	0.039132	0.008679	0.058698	0.0498	0.33679
FSEC9	0.010209	0.067448	0.015314	0.101172	0.06065	0.40066
Int Diaphragm Section	0.07153	0.003305	0.088745	0.005534	0.90965	0.09614
Span 4_ext Girder						
Span 4_Int Girder						
Span 5_ext Girder						
Span 5_Int Girder						
Span 6_ext Girder						
Span 6_Int Girder						
W36x170	0.335991	0.030787	0.386574	0.048495	1.20761	0.21082
W36x170 + CP 14x1	0.60531	0.073611	0.679478	0.112579	1.33149	0.28235

Table 20: Frame Section Properties 01 - General, Part 3 of 5

SectionName	S33	S22	Z33	Z22	R33	R22
	ft3	ft3	ft3	ft3	ft	ft
W36x170 + CP 14x1.125	0.639682	0.078337	0.717947	0.119668	1.34331	0.28492
W36x182	0.359997	0.03326	0.415509	0.052488	1.20997	0.21203
W36x260	0.55221	0.076228	0.625	0.118056	1.25317	0.31456
W36x280	0.598987	0.083693	0.677083	0.129051	1.26208	0.31801
W36x280 + CP 12x1	0.81323	0.121946	0.917536	0.186462	1.32002	0.33952
W36x300	0.639504	0.090341	0.729167	0.139468	1.26353	0.31975
W36x300 + CP 10x7/16	0.821055	0.123819	0.929467	0.189727	1.30678	0.3385
W36x300 + CP 14x1	0.887682	0.135056	1.005623	0.206582	1.32414	0.34261

Table 20: Frame Section Properties 01 - General, Part 4 of 5

Table 20: Frame Section Properties 01 - General, Part 4 of 5

SectionName	EccV2	AMod	A2Mod	A3Mod	JMod	I2Mod	I3Mod	MMod
	ft							
Bent Cap		1.	1.	1.	1.	1.	1.	1.
BRD1		1.	1.	1.	1.	1.	1.	0.64491
BRD10		1.	1.	1.	1.	1.	1.	0.634681
BRD11		1.	1.	1.	1.	1.	1.	0.634681
BRD12		1.	1.	1.	1.	1.	1.	0.64491
BRD13		1.	1.	1.	1.	1.	1.	0.64491
BRD14		1.	1.	1.	1.	1.	1.	0.64491
BRD15		1.	1.	1.	1.	1.	1.	0.64491
BRD16		1.	1.	1.	1.	1.	1.	0.700006
BRD17		1.	1.	1.	1.	1.	1.	0.700006
BRD18		1.	1.	1.	1.	1.	1.	0.643731
BRD19		1.	1.	1.	1.	1.	1.	0.643731
BRD2		1.	1.	1.	1.	1.	1.	0.64491
BRD20		1.	1.	1.	1.	1.	1.	0.630093
BRD21		1.	1.	1.	1.	1.	1.	0.630093
BRD22		1.	1.	1.	1.	1.	1.	0.643731
BRD23		1.	1.	1.	1.	1.	1.	0.643731
BRD24		1.	1.	1.	1.	1.	1.	0.700006
BRD25		1.	1.	1.	1.	1.	1.	0.728028
BRD26		1.	1.	1.	1.	1.	1.	0.728028
BRD27		1.	1.	1.	1.	1.	1.	0.728028
BRD28		1.	1.	1.	1.	1.	1.	0.728028
BRD29		1.	1.	1.	1.	1.	1.	0.728028
BRD3		1.	1.	1.	1.	1.	1.	0.64491
BRD30		1.	1.	1.	1.	1.	1.	0.728028
BRD31		1.	1.	1.	1.	1.	1.	0.728028
BRD32		1.	1.	1.	1.	1.	1.	0.728028
BRD33		1.	1.	1.	1.	1.	1.	0.728028
BRD34		1.	1.	1.	1.	1.	1.	0.728028
BRD35		1.	1.	1.	1.	1.	1.	0.728028
BRD36		1.	1.	1.	1.	1.	1.	0.728028
BRD37		1.	1.	1.	1.	1.	1.	0.704158
BRD38		1.	1.	1.	1.	1.	1.	0.652338
BRD39		1.	1.	1.	1.	1.	1.	0.652338
BRD4		1.	1.	1.	1.	1.	1.	0.64491
BRD40		1.	1.	1.	1.	1.	1.	0.639898

Table 20: Frame Section Properties 01 - General, Part 4 of 5

SectionName	EccV2	AMod	A2Mod	A3Mod	JMod	I2Mod	I3Mod	MMod
	ft							
BRD41		1.	1.	1.	1.	1.	1.	0.639898
BRD42		1.	1.	1.	1.	1.	1.	0.652338
BRD43		1.	1.	1.	1.	1.	1.	0.652338
BRD44		1.	1.	1.	1.	1.	1.	0.704158
BRD45		1.	1.	1.	1.	1.	1.	0.704158
BRD46		1.	1.	1.	1.	1.	1.	0.657328
BRD47		1.	1.	1.	1.	1.	1.	0.657328
BRD48		1.	1.	1.	1.	1.	1.	0.657328
BRD49		1.	1.	1.	1.	1.	1.	0.657328
BRD5		1.	1.	1.	1.	1.	1.	0.64491
BRD50		1.	1.	1.	1.	1.	1.	0.657328
BRD51		1.	1.	1.	1.	1.	1.	0.657328
BRD52		1.	1.	1.	1.	1.	1.	0.657328
BRD53		1.	1.	1.	1.	1.	1.	0.657328
BRD54		1.	1.	1.	1.	1.	1.	0.657328
BRD55		1.	1.	1.	1.	1.	1.	0.657328
BRD56		1.	1.	1.	1.	1.	1.	0.657328
BRD57		1.	1.	1.	1.	1.	1.	0.657328
BRD58		1.	1.	1.	1.	1.	1.	0.657328
BRD59		1.	1.	1.	1.	1.	1.	0.657328
BRD6		1.	1.	1.	1.	1.	1.	0.634681
BRD60		1.	1.	1.	1.	1.	1.	0.657328
BRD7		1.	1.	1.	1.	1.	1.	0.634681
BRD8		1.	1.	1.	1.	1.	1.	0.634681
BRD9		1.	1.	1.	1.	1.	1.	0.634681
C15x33.9	0.13921	1.	1.	1.	1.	1.	1.	1.
Column Section		1.	1.	1.	1.	1.	1.	1.
FSEC1		1.	1.	1.	1.	1.	1.	1.
FSEC10		1.	1.	1.	1.	1.	1.	1.
FSEC11		1.	1.	1.	1.	1.	1.	1.
FSEC12		1.	1.	1.	1.	1.	1.	1.
FSEC2		10.	10.	10.	10.	10.	10.	1.
FSEC3		1.	1.	1.	1.	1.	1.	1.
FSEC4		1.	1.	1.	1.	1.	1.	1.
FSEC5		1.	1.	1.	1.	1.	1.	1.
FSEC6		1.	1.	1.	1.	1.	1.	1.
FSEC7		1.	1.	1.	1.	1.	1.	1.
FSEC8		1.	1.	1.	1.	1.	1.	1.
FSEC9		1.	1.	1.	1.	1.	1.	1.
Int Diaphragm Section		1.	1.	1.	1.	1.	1.	1.
Span 4_ext Girder								
Span 4_Int Girder								
Span 5_ext Girder								
Span 5_Int Girder								
Span 6_ext Girder								
Span 6_Int Girder								
W36x170		1.	1.	1.	1.	1.	1.	1.
W36x170 + CP 14x1		1.	1.	1.	1.	1.	1.	1.

Table 20: Frame Section Properties 01 - General, Part 4 of 5

SectionName	EccV2 ft	AMod	A2Mod	A3Mod	JMod	I2Mod	I3Mod	MMod
W36x170 + CP 14x1.125		1.	1.	1.	1.	1.	1.	1.
W36x182		1.	1.	1.	1.	1.	1.	1.
W36x260		1.	1.	1.	1.	1.	1.	1.
W36x280		1.	1.	1.	1.	1.	1.	1.
W36x280 + CP 12x1		1.	1.	1.	1.	1.	1.	1.
W36x300		1.	1.	1.	1.	1.	1.	1.
W36x300 + CP 10x7/16		1.	1.	1.	1.	1.	1.	1.
W36x300 + CP 14x1		1.	1.	1.	1.	1.	1.	1.

Table 20: Frame Section Properties 01 - General, Part 5 of 5

Table 20: Frame Section Properties 01 - General, Part 5 of 5

SectionName	WMod
Bent Cap	1.
BRD1	0.64491
BRD10	0.634681
BRD11	0.634681
BRD12	0.64491
BRD13	0.64491
BRD14	0.64491
BRD15	0.64491
BRD16	0.700006
BRD17	0.700006
BRD18	0.643731
BRD19	0.643731
BRD2	0.64491
BRD20	0.630093
BRD21	0.630093
BRD22	0.643731
BRD23	0.643731
BRD24	0.700006
BRD25	0.728028
BRD26	0.728028
BRD27	0.728028
BRD28	0.728028
BRD29	0.728028
BRD3	0.64491
BRD30	0.728028
BRD31	0.728028
BRD32	0.728028
BRD33	0.728028
BRD34	0.728028
BRD35	0.728028
BRD36	0.728028
BRD37	0.704158
BRD38	0.652338
BRD39	0.652338
BRD4	0.64491

Table 20: Frame Section Properties 01 - General, Part 5 of 5

SectionName	WMod
BRD40	0.639898
BRD41	0.639898
BRD42	0.652338
BRD43	0.652338
BRD44	0.704158
BRD45	0.704158
BRD46	0.657328
BRD47	0.657328
BRD48	0.657328
BRD49	0.657328
BRD5	0.64491
BRD50	0.657328
BRD51	0.657328
BRD52	0.657328
BRD53	0.657328
BRD54	0.657328
BRD55	0.657328
BRD56	0.657328
BRD57	0.657328
BRD58	0.657328
BRD59	0.657328
BRD6	0.634681
BRD60	0.657328
BRD7	0.634681
BRD8	0.634681
BRD9	0.634681
C15x33.9	1.
Column Section	1.
FSEC1	1.
FSEC10	1.
FSEC11	1.
FSEC12	1.
FSEC2	1.
FSEC3	1.
FSEC4	1.
FSEC5	1.
FSEC6	1.
FSEC7	1.
FSEC8	1.
FSEC9	1.
Int Diaphragm Section	1.
Span 4_ext Girder	
Span 4_Int Girder	
Span 5_ext Girder	
Span 5_Int Girder	
Span 6_ext Girder	
Span 6_Int Girder	

Table 20: Frame Section Properties 01 - General, Part 5 of 5

SectionName	WMod
W36x170	1.
W36x170 + CP 14x1	1.
W36x170 + CP 14x1.125	1.
W36x182	1.
W36x260	1.
W36x280	1.
W36x280 + CP 12x1	1.
W36x300	1.
W36x300 + CP 10x7/16	1.
W36x300 + CP 14x1	1.

Table 21: Frame Section Properties 02 - Concrete Column, Part 1 of 2

Table 21: Frame Section Properties 02 - Concrete Column, Part 1 of 2

SectionName	RebarMatL	RebarMatC	ReinfConfig	LatReinf	Cover	NumBars3Dir	NumBars2Dir
					ft		
Bent Cap	A615Gr60	A615Gr60	Rectangular	Ties	0.125	3	3
Column Section	A615Gr60	A615Gr60	Rectangular	Ties	0.125	3	3

Table 21: Frame Section Properties 02 - Concrete Column, Part 2 of 2

Table 21: Frame Section Properties 02 - Concrete Column, Part 2 of 2

SectionName	BarSizeL	BarSizeC	SpacingC	NumCBars2	NumCBars3
			ft		
Bent Cap	#9	#4	0.5	3	3
Column Section	#9	#4	0.5	3	3

Table 22: Frame Section Properties 05 - Nonprismatic

Table 22: Frame Section Properties 05 - Nonprismatic

SectionName	SegmentNum	StartSect	EndSect	AbsLength	VarLength	EI33Var	EI22Var
				ft			
Span 4_ext Girder	1	W36x300	W36x300	20.5		Linear	Linear
Span 4_ext Girder	2	W36x300 + CP 10x7/16	W36x300 + CP 10x7/16	26.		Linear	Linear
Span 4_ext Girder	3	W36x300	W36x300	26.		Linear	Linear
Span 4_ext Girder	4	W36x300 + CP 14x1	W36x300 + CP 14x1	7.5		Linear	Linear
Span 4_Int Girder	1	W36x280	W36x280	59.		Linear	Linear

Table 22: Frame Section Properties 05 - Nonprismatic

SectionName	SegmentNum	StartSect	EndSect	AbsLength	VarLength	EI33Var	EI22Var
				ft			
Span 4_Int Girder	2	W36x170	W36x170	10.		Linear	Linear
Span 4_Int Girder	3	W36x170 + CP 14x1.125	W36x170 + CP 14x1.125	11.		Linear	Linear
Span 5_ext Girder	1	W36x300 + CP 14x1	W36x300 + CP 14x1	7.5		Linear	Linear
Span 5_ext Girder	2	W36x300	W36x300	8.5		Linear	Linear
Span 5_ext Girder	3	W36x170	W36x170	48.		Linear	Linear
Span 5_ext Girder	4	W36x280	W36x280	10.		Linear	Linear
Span 5_ext Girder	5	W36x280 + CP 12x1	W36x280 + CP 12x1	6.		Linear	Linear
Span 5_Int Girder	1	W36x170 + CP 14x1.125	W36x170 + CP 14x1.125	11.		Linear	Linear
Span 5_Int Girder	2	W36x170	W36x170	59.		Linear	Linear
Span 5_Int Girder	3	W36x170 + CP 14x1	W36x170 + CP 14x1	10.		Linear	Linear
Span 6_ext Girder	1	W36x280 + CP 12x1	W36x280 + CP 12x1	6.		Linear	Linear
Span 6_ext Girder	2	W36x280	W36x280	74.		Linear	Linear
Span 6_Int Girder	1	W36x170 + CP 14x1	W36x170 + CP 14x1	10.		Linear	Linear
Span 6_Int Girder	2	W36x170	W36x170	11.		Linear	Linear
Span 6_Int Girder	3	W36x260	W36x260	59.		Linear	Linear

3.2. Areas

Table 23: Area Section Properties, Part 1 of 3

Table 23: Area Section Properties, Part 1 of 3

Section	Material	AreaType	Type	DrillDOF	Thickness	BendThick	F11Mod
					ft	ft	
ASEC1	3000Psi	Shell	Shell-Thin	Yes	1.	1.	1.
ASEC2	Grade 33	Shell	Shell-Thin	Yes	1.	1.	1.

Table 23: Area Section Properties, Part 2 of 3

Table 23: Area Section Properties, Part 2 of 3

Section	F22Mod	F12Mod	M11Mod	M22Mod	M12Mod	V13Mod	V23Mod
ASEC1	1.	1.	1.	1.	1.	1.	1.
ASEC2	1.	1.	1.	1.	1.	1.	1.

Table 23: Area Section Properties, Part 3 of 3

Table 23: Area Section Properties, Part 3 of 3

Section	MMod	WMod
ASEC1	1.	1.
ASEC2	1.	1.

3.3. Solids

Table 24: Solid Property Definitions

Table 24: Solid Property Definitions

SolidProp	Material	MatAngleA	MatAngleB	MatAngleC
		Degrees	Degrees	Degrees
Solid1	4000Psi	0.	0.	0.

4. Loading

This section provides loading information as applied to the model.

4.1. Load patterns

Table 25: Load Pattern Definitions

Table 25: Load Pattern Definitions

LoadPat	DesignType	SelfWtMult	AutoLoad
Dead Load	Dead	1.	
SIP	Dead	0.	
Utility	Dead	0.	
Haunch	Dead	0.	
Barrier	Dead	0.	
Sidewalk	Dead	0.	
SIPForm	Dead	0.	
ConcPour Permanent	Dead	0.	
DW	Wearing Surface	0.	
Temperature Pos	Temperature	0.	
Temperature Neg	Temperature	0.	
ConcPour Temporary	Construction	0.	

4.2. Vehicles

Table 26: Vehicles 2 - General Vehicles 1 - General, Part 1 of 6

Table 26: Vehicles 2 - General Vehicles 1 - General, Part 1 of 6

VehName	FromLibrary	LibraryName	FltAxleFac	AxleFac	UnifFac	SupportMom	IntSupport
Annual Permit 1	No	User Defined	1.	1.	1.	Yes	Yes
Annual Permit 2	No	User Defined	1.	1.	1.	Yes	Yes
EV2	No	User Defined	1.	1.	1.	Yes	Yes
EV3	No	User Defined	1.	1.	1.	Yes	Yes
Gravel Truck	No	User Defined	1.	1.	1.	Yes	Yes
HL-93	No	User Defined	1.	1.	1.	Yes	Yes
HS-20	No	User Defined	1.	1.	1.	Yes	Yes
HS-15	No	User Defined	1.	1.	1.	Yes	Yes
Lane	No	User Defined	1.	1.	1.	Yes	Yes
Neg - EV3	No	User Defined	1.	0.75	1.	Yes	No
Overweight Permit	No	User Defined	1.	1.	1.	Yes	Yes
SU-4	No	User Defined	1.	1.	1.	Yes	Yes
SU-5	No	User Defined	1.	1.	1.	Yes	Yes
SU-6	No	User Defined	1.	1.	1.	Yes	Yes
SU-7	No	User Defined	1.	1.	1.	Yes	Yes
Type 3-3	No	User Defined	1.	1.	1.	Yes	Yes
Type 3	No	User Defined	1.	1.	1.	Yes	Yes
Type 3S2	No	User Defined	1.	1.	1.	Yes	Yes
Type 3-3+Lane(200plf)	No	User Defined	1.	0.75	1.	Yes	Yes

Table 26: Vehicles 2 - General Vehicles 1 - General, Part 2 of 6

Table 26: Vehicles 2 - General Vehicles 1 - General, Part 2 of 6

VehName	OtherResp	AxleMom	AxleMType	AxleMWidth	AxleMDbl	AxleOther	AxleOType
		Lb		ft		Lb	
Annual Permit 1	Yes	0.	One Point		No	0.	One Point
Annual Permit 2	Yes	0.	One Point		No	0.	One Point
EV2	Yes	0.	One Point		No	0.	One Point
EV3	Yes	0.	One Point		No	0.	One Point
Gravel Truck	Yes	0.	One Point		No	0.	One Point
HL-93	Yes	0.	One Point		No	0.	One Point
HS-20	Yes	0.	One Point		No	0.	One Point
HS-15	Yes	0.	One Point		No	0.	One Point
Lane	Yes	0.	One Point		No	0.	One Point
Neg - EV3	No	0.	One Point		No	0.	One Point
Overweight Permit	Yes	0.	One Point		No	0.	One Point
SU-4	Yes	0.	One Point		No	0.	One Point
SU-5	Yes	0.	One Point		No	0.	One Point
SU-6	Yes	0.	One Point		No	0.	One Point
SU-7	Yes	0.	One Point		No	0.	One Point
Type 3-3	Yes	0.	One Point		No	0.	One Point
Type 3	Yes	0.	One Point		No	0.	One Point
Type 3S2	Yes	0.	One Point		No	0.	One Point
Type 3-3+Lane(200plf)	Yes	0.	One Point		No	0.	One Point

Table 26: Vehicles 2 - General Vehicles 1 - General, Part 3 of 6

Table 26: Vehicles 2 - General Vehicles 1 - General, Part 3 of 6

VehName	AxleOWidth ft	LEffAxle	LEffUnif	ForStraddle	StraddleFac	NumInter	MinExtDist ft
Annual Permit 1		User	None	No		8	0.
Annual Permit 2		User	None	No		8	0.
EV2		User	None	No		2	0.
EV3		User	None	No		3	0.
Gravel Truck		User	None	No		4	0.
HL-93		User	None	No		4	0.
HS-20		User	None	No		3	0.
HS-15		User	None	No		3	0.
Lane		None	None	No		1	0.
Neg - EV3		User	None	No		7	0.
Overweight Permit		User	None	No		13	0.
SU-4		User	None	No		4	0.
SU-5		User	None	No		5	0.
SU-6		User	None	No		6	0.
SU-7		User	None	No		7	0.
Type 3-3		User	None	No		6	0.
Type 3		User	None	No		4	0.
Type 3S2		User	None	No		5	0.
Type 3-3+Lane(200plf)		User	None	No		7	0.

Table 26: Vehicles 2 - General Vehicles 1 - General, Part 4 of 6

Table 26: Vehicles 2 - General Vehicles 1 - General, Part 4 of 6

VehName	MinIntDist ft	StayInLane	CGHTAxle ft	CGHTUnif ft	Notes	AdjustSuper
Annual Permit 1	0.	No	0.	0.		No
Annual Permit 2	0.	No	0.	0.		No
EV2	0.	No	0.	0.		No
EV3	0.	No	0.	0.		No
Gravel Truck	0.	No	0.	0.		No
HL-93	0.	No	0.	0.		No
HS-20	0.	No	0.	0.		No
HS-15	0.	No	0.	0.		No
Lane	0.	No	0.	0.		No
Neg - EV3	0.	No	0.	0.		No
Overweight Permit	0.	No	0.	0.		No
SU-4	0.	No	0.	0.		No
SU-5	0.	No	0.	0.		No
SU-6	0.	No	0.	0.		No
SU-7	0.	No	0.	0.		No
Type 3-3	0.	No	0.	0.		No
Type 3	0.	No	0.	0.		No
Type 3S2	0.	No	0.	0.		No
Type 3-3+Lane(200plf)	0.	No	0.	0.		No

Table 26: Vehicles 2 - General Vehicles 1 - General, Part 5 of 6

Table 26: Vehicles 2 - General Vehicles 1 - General, Part 5 of 6

VehName	IgnoreVert	Centrifugal	CenScaleOpt	CenVelocity	CenAxleSF	CenUnifSF	CenOverturn
				ft/sec			
Annual Permit 1	No	Yes	Velocity	102.67	1.	0.	No
Annual Permit 2	No	Yes	Velocity	102.67	1.	0.	No
EV2	No	Yes	Velocity	102.67	1.	0.	No
EV3	No	Yes	Velocity	102.67	1.	0.	Yes
Gravel Truck	No	Yes	Velocity	102.67	1.	0.	No
HL-93	No	Yes	Velocity	102.67	1.	0.	No
HS-20	No	Yes	Velocity	102.67	1.	0.	No
HS-15	No	Yes	Velocity	8.556	1.	0.	No
Lane	No	Yes	Velocity	102.67	1.	0.	No
Neg - EV3	No	Yes	Velocity	102.67	1.	0.	Yes
Overweight Permit	No	Yes	Velocity	8.556	1.	0.	No
SU-4	No	Yes	Velocity	102.67	1.	0.	No
SU-5	No	Yes	Velocity	102.67	1.	0.	No
SU-6	No	Yes	Velocity	102.67	1.	0.	No
SU-7	No	Yes	Velocity	102.67	1.	0.	No
Type 3-3	No	Yes	Velocity	102.67	1.	0.	No
Type 3	No	Yes	Velocity	102.67	1.	0.	No
Type 3S2	No	Yes	Velocity	102.67	1.	0.	No
Type 3-3+Lane(200plf)	No	Yes	Velocity	102.67	1.	0.	No

Table 26: Vehicles 2 - General Vehicles 1 - General, Part 6 of 6

Table 26: Vehicles 2 - General Vehicles 1 - General, Part 6 of 6

VehName	Braking	NosingForce	DesignType
		Lb	
Annual Permit 1	No	0.	Permit Veh Live
Annual Permit 2	No	0.	Permit Veh Live
EV2	No	0.	Permit Veh Live
EV3	No	0.	Permit Veh Live
Gravel Truck	No	0.	Permit Veh Live
HL-93	No	0.	Vehicle Live
HS-20	No	0.	Vehicle Live
HS-15	No	0.	Vehicle Live
Lane	No	0.	Vehicle Live
Neg - EV3	No	0.	Vehicle Live
Overweight Permit	No	0.	Permit Veh Live
SU-4	No	0.	Vehicle Live
SU-5	No	0.	Vehicle Live
SU-6	No	0.	Vehicle Live
SU-7	No	0.	Vehicle Live
Type 3-3	No	0.	Vehicle Live
Type 3	No	0.	Vehicle Live
Type 3S2	No	0.	Vehicle Live
Type 3-3+Lane(200plf)	No	0.	Vehicle Live

Table 27: Vehicles 3 - General Vehicles 2 - Loads, Part 1 of 2

Table 27: Vehicles 3 - General Vehicles 2 - Loads, Part 1 of 2

VehName	LoadType	InterUnif	UnifType	UnifWidth	InterAxle	AxleType	AxleWidth	InterMinD
		Lb/ft		ft	Lb		ft	ft
Annual Permit 1	Leading Load	0.	Fixed Width	1.	13000.	Two Points	6.	
Annual Permit 1	Fixed Length	0.	Fixed Width	1.	20000.	Two Points	6.	12.
Annual Permit 1	Fixed Length	0.	Fixed Width	1.	20000.	Two Points	6.	4.5
Annual Permit 1	Fixed Length	0.	Fixed Width	1.	20000.	Two Points	6.	4.5
Annual Permit 1	Fixed Length	0.	Fixed Width	1.	23000.	Two Points	6.	30.
Annual Permit 1	Fixed Length	0.	Fixed Width	1.	23000.	Two Points	6.	4.5
Annual Permit 1	Fixed Length	0.	Fixed Width	1.	23000.	Two Points	6.	14.
Annual Permit 1	Fixed Length	0.	Fixed Width	1.	23000.	Two Points	6.	4.5
Annual Permit 2	Leading Load	0.	Fixed Width	1.	13000.	Two Points	6.	
Annual Permit 2	Fixed Length	0.	Fixed Width	1.	20000.	Two Points	6.	12.
Annual Permit 2	Fixed Length	0.	Fixed Width	1.	20000.	Two Points	6.	4.5
Annual Permit 2	Fixed Length	0.	Fixed Width	1.	20000.	Two Points	6.	4.5
Annual Permit 2	Fixed Length	0.	Fixed Width	1.	23000.	Two Points	6.	15.
Annual Permit 2	Fixed Length	0.	Fixed Width	1.	23000.	Two Points	6.	4.5
Annual Permit 2	Fixed Length	0.	Fixed Width	1.	23000.	Two Points	6.	14.
Annual Permit 2	Fixed Length	0.	Fixed Width	1.	23000.	Two Points	6.	4.5
EV2	Leading Load	0.	Fixed Width	1.	24000.	Two Points	6.	
EV2	Fixed Length	0.	Fixed Width	1.	33500.	Two Points	6.	15.
EV3	Leading Load	0.	Fixed Width	1.	24000.	Two Points	6.	
EV3	Fixed Length	0.	Fixed Width	1.	31000.	Two Points	6.	13.
EV3	Fixed Length	0.	Fixed Width	1.	31000.	Two Points	6.	4.
Gravel Truck	Leading Load	0.	Fixed Width	1.	20000.	Two Points	6.	
Gravel Truck	Fixed Length	0.	Fixed Width	1.	14000.	Two Points	6.	10.5
Gravel Truck	Fixed Length	0.	Fixed Width	1.	20000.	Two Points	6.	4.25
Gravel Truck	Fixed Length	0.	Fixed Width	1.	20000.	Two Points	6.	4.417
HL-93	Leading Load	639.6	Fixed Width	10.	8000.	Two Points	6.	
HL-93	Fixed Length	639.6	Fixed Width	10.	32000.	Two Points	6.	14.
HL-93	Variable Length	639.6	Fixed Width	10.	32000.	Two Points	6.	14.
HL-93	Trailing Load	639.6	Fixed Width	10.				
HS-20	Leading Load	0.	Fixed Width	10.	8000.	Two Points	6.	
HS-20	Fixed Length	0.	Fixed Width	10.	32000.	Two Points	6.	14.
HS-20	Variable Length	0.	Fixed Width	10.	32000.	Two Points	6.	14.
HS-15	Leading Load	0.	Zero Width		6000.	Two Points	6.	

Table 27: Vehicles 3 - General Vehicles 2 - Loads, Part 1 of 2

VehName	LoadType	InterUnif	UnifType	UnifWidth	InterAxle	AxleType	AxleWidth	InterMinD
		Lb/ft		ft	Lb		ft	ft
HS-15	Fixed Length	0.	Zero Width		24000.	Two Points	6.	14.
HS-15	Variable Length	0.	Zero Width		24000.	Two Points	6.	14.
Lane	Trailing Load	639.6	Fixed Width	10.				
Neg - EV3	Leading Load	200.	Fixed Width	1.	24000.	Two Points	6.	
Neg - EV3	Fixed Length	200.	Fixed Width	1.	31000.	Two Points	6.	13.
Neg - EV3	Fixed Length	200.	Fixed Width	1.	31000.	Two Points	6.	4.
Neg - EV3	Fixed Length	200.	Fixed Width	1.	24000.	Two Points	6.	30.
Neg - EV3	Fixed Length	200.	Fixed Width	1.	31000.	Two Points	6.	13.
Neg - EV3	Fixed Length	200.	Fixed Width	1.	31000.	Two Points	6.	4.
Neg - EV3	Trailing Load	200.	Fixed Width	1.				
Overweight Permit	Leading Load	0.	Zero Width		15000.	Two Points	6.	
Overweight Permit	Fixed Length	0.	Zero Width		20000.	Two Points	6.	12.
Overweight Permit	Fixed Length	0.	Zero Width		20000.	Two Points	6.	4.
Overweight Permit	Fixed Length	0.	Zero Width		20000.	Two Points	6.	4.
Overweight Permit	Fixed Length	0.	Zero Width		20000.	Two Points	6.	12.
Overweight Permit	Fixed Length	0.	Zero Width		20000.	Two Points	6.	4.
Overweight Permit	Fixed Length	0.	Zero Width		20000.	Two Points	6.	4.
Overweight Permit	Fixed Length	0.	Zero Width		20000.	Two Points	6.	40.
Overweight Permit	Fixed Length	0.	Zero Width		20000.	Two Points	6.	4.
Overweight Permit	Fixed Length	0.	Zero Width		20000.	Two Points	6.	4.
Overweight Permit	Fixed Length	0.	Zero Width		20000.	Two Points	6.	12.
Overweight Permit	Fixed Length	0.	Zero Width		20000.	Two Points	6.	4.
Overweight Permit	Fixed Length	0.	Zero Width		20000.	Two Points	6.	4.
SU-4	Leading Load	0.	Zero Width		12000.	Two Points	6.	
SU-4	Fixed Length	0.	Zero Width		8000.	Two Points	6.	10.
SU-4	Fixed Length	0.	Zero Width		17000.	Two Points	6.	4.
SU-4	Fixed Length	0.	Zero Width		17000.	Two Points	6.	4.
SU-5	Leading Load	0.	Zero Width		12000.	Two Points	6.	
SU-5	Fixed Length	0.	Zero Width		8000.	Two Points	6.	10.
SU-5	Fixed Length	0.	Zero Width		8000.	Two Points	6.	4.
SU-5	Fixed Length	0.	Zero Width		17000.	Two Points	6.	4.
SU-5	Fixed Length	0.	Zero Width		17000.	Two Points	6.	4.
SU-6	Leading Load	0.	Zero Width		11500.	Two Points	6.	
SU-6	Fixed Length	0.	Zero Width		8000.	Two Points	6.	10.
SU-6	Fixed Length	0.	Zero Width		8000.	Two Points	6.	4.
SU-6	Fixed Length	0.	Zero Width		17000.	Two Points	6.	4.
SU-6	Fixed Length	0.	Zero Width		17000.	Two Points	6.	4.
SU-6	Fixed Length	0.	Zero Width		8000.	Two Points	6.	4.
SU-7	Leading Load	0.	Zero Width		11500.	Two Points	6.	

Table 27: Vehicles 3 - General Vehicles 2 - Loads, Part 1 of 2

VehName	LoadType	InterUnif	UnifType	UnifWidth	InterAxle	AxleType	AxleWidth	InterMinD
		Lb/ft		ft	Lb		ft	ft
SU-7	Fixed Length	0.	Zero Width		8000.	Two Points	6.	10.
SU-7	Fixed Length	0.	Zero Width		8000.	Two Points	6.	4.
SU-7	Fixed Length	0.	Zero Width		17000.	Two Points	6.	4.
SU-7	Fixed Length	0.	Zero Width		17000.	Two Points	6.	4.
SU-7	Fixed Length	0.	Zero Width		8000.	Two Points	6.	4.
SU-7	Fixed Length	0.	Zero Width		8000.	Two Points	6.	4.
Type 3-3	Leading Load	0.	Fixed Width	10.	12000.	Two Points	6.	
Type 3-3	Fixed Length	0.	Fixed Width	10.	12000.	Two Points	6.	15.
Type 3-3	Fixed Length	0.	Fixed Width	10.	12000.	Two Points	6.	4.
Type 3-3	Fixed Length	0.	Fixed Width	10.	16000.	Two Points	6.	15.
Type 3-3	Fixed Length	0.	Fixed Width	10.	14000.	Two Points	6.	16.
Type 3-3	Fixed Length	0.	Fixed Width	10.	14000.	Two Points	6.	4.
Type 3	Leading Load	0.	Fixed Width	10.	16000.	Two Points	6.	
Type 3	Fixed Length	0.	Fixed Width	10.	17000.	Two Points	6.	15.
Type 3	Fixed Length	0.	Fixed Width	10.	17000.	Two Points	6.	4.
Type 3	Trailing Load	0.	Fixed Width	10.				
Type 3S2	Leading Load	0.	Fixed Width	10.	10000.	Two Points	6.	
Type 3S2	Fixed Length	0.	Fixed Width	10.	15500.	Two Points	6.	11.
Type 3S2	Fixed Length	0.	Fixed Width	10.	15500.	Two Points	6.	4.
Type 3S2	Fixed Length	0.	Fixed Width	10.	15500.	Two Points	6.	22.
Type 3S2	Fixed Length	0.	Fixed Width	10.	15500.	Two Points	6.	4.
Type 3-3+Lane(200plf)	Leading Load	200.	Fixed Width	10.	12000.	Two Points	6.	
Type 3-3+Lane(200plf)	Fixed Length	200.	Fixed Width	10.	12000.	Two Points	6.	15.
Type 3-3+Lane(200plf)	Fixed Length	200.	Fixed Width	10.	12000.	Two Points	6.	4.
Type 3-3+Lane(200plf)	Fixed Length	200.	Fixed Width	10.	16000.	Two Points	6.	15.
Type 3-3+Lane(200plf)	Fixed Length	200.	Fixed Width	10.	14000.	Two Points	6.	16.
Type 3-3+Lane(200plf)	Fixed Length	200.	Fixed Width	10.	14000.	Two Points	6.	4.
Type 3-3+Lane(200plf)	Trailing Load	200.	Fixed Width	10.				

Table 27: Vehicles 3 - General Vehicles 2 - Loads, Part 2 of 2

Table 27: Vehicles 3 - General Vehicles 2 - Loads, Part 2 of 2

VehName	InterMaxD
	ft
Annual Permit 1	
Annual Permit 1	

Table 27: Vehicles 3 - General Vehicles 2 - Loads, Part 2 of 2

VehName	InterMaxD ft
Annual Permit 1	
Annual Permit 1	
Annual Permit 1	
Annual Permit 1	
Annual Permit 1	
Annual Permit 1	
Annual Permit 1	
Annual Permit 2	
Annual Permit 2	
Annual Permit 2	
Annual Permit 2	
Annual Permit 2	
Annual Permit 2	
Annual Permit 2	
Annual Permit 2	
Annual Permit 2	
EV2	
EV2	
EV3	
EV3	
EV3	
Gravel Truck	
Gravel Truck	
Gravel Truck	
Gravel Truck	
HL-93	
HL-93	
HL-93	30.
HL-93	
HS-20	
HS-20	
HS-20	30.
HS-15	
HS-15	
HS-15	30.
Lane	
Neg - EV3	
Neg - EV3	
Neg - EV3	
Neg - EV3	
Neg - EV3	
Neg - EV3	
Neg - EV3	

Table 27: Vehicles 3 - General Vehicles 2 - Loads, Part 2 of 2

VehName	InterMaxD ft
Overweight Permit	
Overweight Permit	
Overweight Permit	
Overweight Permit	
Overweight Permit	
Overweight Permit	
Overweight Permit	
Overweight Permit	
Overweight Permit	
Overweight Permit	
Overweight Permit	
Overweight Permit	
Overweight Permit	
Overweight Permit	
SU-4	
SU-4	
SU-4	
SU-4	
SU-5	
SU-5	
SU-5	
SU-5	
SU-5	
SU-6	
SU-6	
SU-6	
SU-6	
SU-6	
SU-6	
SU-7	
SU-7	
SU-7	
SU-7	
SU-7	
SU-7	
SU-7	
Type 3-3	
Type 3-3	
Type 3-3	
Type 3-3	
Type 3-3	
Type 3-3	
Type 3	

Table 27: Vehicles 3 - General Vehicles 2 - Loads, Part 2 of 2

VehName	InterMaxD ft
Type 3	
Type 3	
Type 3	
Type 3S2	
Type 3S2	
Type 3S2	
Type 3S2	
Type 3S2	
Type 3-3+Lane(200plf)	
Type 3-3+Lane(200plf)	
Type 3-3+Lane(200plf)	
Type 3-3+Lane(200plf)	
Type 3-3+Lane(200plf)	
Type 3-3+Lane(200plf)	
Type 3-3+Lane(200plf)	

Table 28: Vehicles 4 - Vehicle Classes

Table 28: Vehicles 4 - Vehicle Classes

VehClass	VehName	ScaleFactor
Annual Permit 1	Annual Permit 1	1.
Annual Permit 2	Annual Permit 2	1.
EV2	EV2	1.
EV3	EV3	1.
Gravel Truck	Gravel Truck	1.
HL-93	HL-93	1.
HS-20	HS-20	1.
HS-15	HS-15	1.
Lane	Lane	1.
Neg - EV3	Neg - EV3	1.
Overweight Permit	Overweight Permit	1.
SU-4	SU-4	1.
SU-5	SU-5	1.
SU-6	SU-6	1.
SU-7	SU-7	1.
Type 3-3	Type 3-3	1.
Type 3	Type 3	1.
Type 3S2	Type 3S2	1.

Table 28: Vehicles 4 - Vehicle Classes

VehClass	VehName	ScaleFactor
Type 3-3+Lane(200plf)	Type 3-3+Lane(200plf)	1.

4.3. Bridge loading

Table 29: Bridge Load Definitions 02 - Line

Table 29: Bridge Load Definitions 02 - Line

Name	Type	CoordSys	Dir	RefLoc	Dist	FOverL
					ft	Lb/ft
SideWalk+Rail+MISC_LT	Force	GLOBAL	Gravity	Left Edge of Deck	0.	922.2
SideWalk+Rail+MISC_RT	Force	GLOBAL	Gravity	Right Edge of Deck	0.	922.2

Table 30: Bridge Load Definitions 03 - Area, Part 1 of 2

Table 30: Bridge Load Definitions 03 - Area, Part 1 of 2

Name	Type	CoordSys	Dir	RefLocLft	DistLft	RefLocRgt
					ft	
Huanch load	Force	GLOBAL	Gravity	Left Edge of Deck	0.	Right Edge of Deck
Sacrificial WS Load	Force	GLOBAL	Gravity	Left Edge of Deck	0.	Right Edge of Deck
SIP Load	Force	GLOBAL	Gravity	Left Edge of Deck	0.	Right Edge of Deck
Wearing Surface Load	Force	GLOBAL	Gravity	Left Edge of Deck	0.	Right Edge of Deck

Table 30: Bridge Load Definitions 03 - Area, Part 2 of 2

Table 30: Bridge Load Definitions 03 - Area, Part 2 of 2

Name	DistRgt	FOverL2Lft	FOverL2Rgt
	ft	Lb/ft2	Lb/ft2
Huanch load	0.	6.27	6.27
Sacrificial WS Load	0.	1.000E-05	1.000E-05
SIP Load	0.	1.000E-05	1.000E-05
Wearing Surface Load	0.	35.	35.

5. Load cases

This section provides load case information.

5.1. Definitions

Table 31: Load Case Definitions, Part 1 of 2

Table 31: Load Case Definitions, Part 1 of 2

Case	Type	MLFactVert	InitialCond	MLFactBrake	ModalCase	MLFactCentr
LC_Dead Load	LinStatic		Zero			
LC_Wearing Surface Load	LinStatic		Zero			
LC_HL93	LinMoving	1.	Zero	0.		1.
LC_HS20	LinMoving	1.	Zero	0.		1.
LC_Lane	LinMoving	1.	Zero	0.		1.
LC_SU4	LinMoving	1.	Zero	0.		1.
LC_SU5	LinMoving	1.	Zero	0.		1.
LC_SU6	LinMoving	1.	Zero	0.		1.
LC_SU7	LinMoving	1.	Zero	0.		1.
LC_Type 3	LinMoving	1.	Zero	0.		1.
LC_Type 3S2	LinMoving	1.	Zero	0.		1.
LC_Type 3-3	LinMoving	1.	Zero	0.		1.
LC_EV2	LinMoving	1.	Zero	0.		1.
LC_EV3	LinMoving	1.	Zero	0.		1.
LC_EV3-Neg	LinMoving	1.	Zero	0.		1.
LC_Gravel Truck	LinMoving	1.	Zero	0.		1.
LC_Annual Permit 1	LinMoving	1.	Zero	0.		1.
LC_Annual Permit 2	LinMoving	1.	Zero	0.		1.
LC_Overweight Permit	LinMoving	1.	Zero	0.		1.
LC_HS15	LinMoving	1.	Zero	0.		1.

Table 31: Load Case Definitions, Part 2 of 2

Table 31: Load Case Definitions, Part 2 of 2

Case	BaseCase	DesActOpt	MassSource	DesignAct
LC_Dead Load		Prog Det		Non-Composite
LC_Wearing Surface Load		Prog Det		Long-Term Composite
LC_HL93		Prog Det		Short-Term Composite
LC_HS20		Prog Det		Short-Term Composite
LC_Lane		Prog Det		Short-Term Composite
LC_SU4		Prog Det		Short-Term Composite
LC_SU5		Prog Det		Short-Term Composite
LC_SU6		Prog Det		Short-Term Composite
LC_SU7		Prog Det		Short-Term Composite
LC_Type 3		Prog Det		Short-Term Composite

Table 31: Load Case Definitions, Part 2 of 2

Case	BaseCase	DesActOpt	MassSource	DesignAct
LC_Type 3S2		Prog Det		Short-Term Composite
LC_Type 3-3		Prog Det		Short-Term Composite
LC_EV2		Prog Det		Short-Term Composite
LC_EV3		Prog Det		Short-Term Composite
LC_EV3-Neg		Prog Det		Short-Term Composite
LC_Gravel Truck		Prog Det		Short-Term Composite
LC_Annual Permit 1		Prog Det		Short-Term Composite
LC_Annual Permit 2		Prog Det		Short-Term Composite
LC_Overweight Permit		Prog Det		Short-Term Composite
LC_HS15		Prog Det		Short-Term Composite

5.2. Static case load assignments

Table 32: Case - Static 1 - Load Assignments

Table 32: Case - Static 1 - Load Assignments

Case	LoadType	LoadName	LoadSF
LC_Dead Load	Load pattern	Dead Load	1.
LC_Dead Load	Load pattern	Barrier	1.
LC_Wearing Surface Load	Load pattern	DW	1.

6. Load combinations

This section provides load combination information.

Table 33: Combination Definitions

Table 33: Combination Definitions

ComboName	ComboType	CaseName	ScaleFactor
Design Lcomb	Linear Add	LC_Dead Load	1.25
Design Lcomb		LC_Wearing Surface Load	1.25
Design Lcomb		LC_HL93	1.35
Lcomb_Dead	Linear Add	LC_Dead Load	1.25
Lcomb_Wearing Surface	Linear Add	LC_Wearing Surface Load	1.25
Lcomb_HL93_opr	Linear Add	LC_HL93	1.35

Table 33: Combination Definitions

ComboName	ComboType	CaseName	ScaleFactor
Lcomb_HL93_inv	Linear Add	LC_HL93	1.75
Lcomb_HS20_opr	Linear Add	LC_HS20	1.35
Lcomb_HS20_inv	Linear Add	LC_HS20	1.75
Lcomb_HS15_opr	Linear Add	LC_HS15	1.35
Lcomb_HS15_inv	Linear Add	LC_HS15	1.75
Lcomb_Lane_opr	Linear Add	LC_Lane	1.35
Lcomb_Lane_inv	Linear Add	LC_Lane	1.75
Lcomb_SU4	Linear Add	LC_SU4	1.45
Lcomb_SU5	Linear Add	LC_SU5	1.45
Lcomb_SU6	Linear Add	LC_SU6	1.45
Lcomb_SU7	Linear Add	LC_SU7	1.45
Lcomb_Type 3	Linear Add	LC_Type 3	1.45
Lcomb_Type 3S2	Linear Add	LC_Type 3S2	1.45
Lcomb_Type 3-3	Linear Add	LC_Type 3-3	1.45
Lcomb_Type EV2	Linear Add	LC_EV2	1.45
Lcomb_Type EV3	Linear Add	LC_EV3	1.45
Lcomb_Type EV3-neg	Linear Add	LC_EV3-Neg	1.45
Lcomb_Gravel Truck	Linear Add	LC_Gravel Truck	1.45
Lcomb_Annual Perm 1	Linear Add	LC_Annual Permit 1	1.45
Lcomb_Annual Perm 2	Linear Add	LC_Annual Permit 2	1.45
Lcomb_Overweight Perm	Linear Add	LC_Overweight Permit	1.2
Lcomb_Dead_serv	Linear Add	LC_Dead Load	1.
Lcomb_Wearing Surface_serv	Linear Add	LC_Wearing Surface Load	1.
Lcomb_HL93_opr_serv	Linear Add	LC_HL93	1.
Lcomb_HL93_inv_serv	Linear Add	LC_HL93	1.3
Lcomb_HS20_opr_serv	Linear Add	LC_HS20	1.
Lcomb_HS20_inv_serv	Linear Add	LC_HS20	1.3
Lcomb_HS15_opr_serv	Linear Add	LC_HS15	1.
Lcomb_HS15_inv_serv	Linear Add	LC_HS15	1.3
Lcomb_Lane_opr_serv	Linear Add	LC_Lane	1.
Lcomb_Lane_inv_serv	Linear Add	LC_Lane	1.3
Lcomb_SU4_serv	Linear Add	LC_SU4	1.3
Lcomb_SU5_serv	Linear Add	LC_SU5	1.3

Table 33: Combination Definitions

ComboName	ComboType	CaseName	ScaleFactor
Lcomb_SU6_serv	Linear Add	LC_SU6	1.3
Lcomb_SU7_serv	Linear Add	LC_SU7	1.3
Lcomb_Type 3_serv	Linear Add	LC_Type 3	1.3
Lcomb_Type 3S2_serv	Linear Add	LC_Type 3S2	1.3
Lcomb_Type 3-3_serv	Linear Add	LC_Type 3-3	1.3
Lcomb_EV 2_serv	Linear Add	LC_EV2	1.3
Lcomb_EV 3_serv	Linear Add	LC_EV3	1.3
Lcomb_EV 3-neg_serv	Linear Add	LC_EV3-Neg	1.3
Lcomb_Gravel Truck_serv	Linear Add	LC_Gravel Truck	1.3
Lcomb_Annual Perm 1_serv	Linear Add	LC_Annual Permit 1	1.
Lcomb_Annual Perm 2_serv	Linear Add	LC_Annual Permit 2	1.
Lcomb_Overweight Permit_serv	Linear Add	LC_Overweight Permit	1.

7. Structure results

This section provides structure results, including items such as structural periods and base reactions.

7.1. Base reactions

Table 34: Base Reactions

Table 34: Base Reactions

OutputCase	GlobalFX	GlobalFY	GlobalFZ	GlobalMX	GlobalMY	GlobalMZ
	Lb	Lb	Lb	Lb-ft	Lb-ft	Lb-ft
LC_Dead Load	6.050E-04	8.704E-06	3519738.95	6.079E-06	-420987741.	4.953E-03
LC_Wearing Surface Load	1.113E-04	1.005E-05	491400.	6.561E-07	-58968000.	1.563E-03

8. Joint results

This section provides joint results, including items such as displacements and reactions.

Table 35: Joint Reactions

Table 35: Joint Reactions

Joint	OutputCase	F1	F2	F3	M1	M2	M3
		Lb	Lb	Lb	Lb-ft	Lb-ft	Lb-ft
1409	LC_Dead Load	183790.69	15441.	1.220E-11	-6.786E-12	-6.786E-12	110827.39
1409	LC_Wearing Surface Load	16323.67	2346.57	1.143E-12	-1.031E-12	-1.031E-12	16842.48
1411	LC_Dead Load	259624.35	5.791E-07	1.590E-11	0.	0.	5.070E-06
1411	LC_Wearing Surface Load	32776.99	3.371E-08	2.007E-12	0.	0.	4.091E-07
1413	LC_Dead Load	183790.69	-15441.	1.031E-11	6.786E-12	6.786E-12	-110827.39
1413	LC_Wearing Surface Load	16323.67	-2346.57	8.558E-13	1.031E-12	1.031E-12	-16842.48
1417	LC_Dead Load	338640.16	28397.25	190.38	1052.01	-5985.57	205253.88
1417	LC_Wearing Surface Load	44588.68	6004.66	190.99	-594.88	-4451.11	43416.36
1419	LC_Dead Load	465843.97	9.192E-06	661.49	5.767E-06	-14085.29	9.933E-05
1419	LC_Wearing Surface Load	91183.09	-1.102E-06	65.88	1.616E-08	-2294.29	-1.534E-05
1421	LC_Dead Load	338640.16	-28397.25	190.38	-1052.01	-5985.57	-205253.88
1421	LC_Wearing Surface Load	44588.68	-6004.66	190.99	594.88	-4451.11	-43416.36
1425	LC_Dead Load	333313.12	28257.52	7370.62	1537.96	-184227.5	204229.06
1425	LC_Wearing Surface Load	44505.63	6026.98	1265.05	1016.68	-32138.8	43571.32
1427	LC_Dead Load	462378.09	-2.943E-06	7172.16	5.905E-06	-179379.76	-2.644E-05
1427	LC_Wearing Surface Load	91094.9	-1.545E-06	1428.07	1.405E-07	-34676.54	-1.670E-05
1429	LC_Dead Load	333313.12	-28257.52	7370.62	-1537.96	-184227.5	-204229.06
1429	LC_Wearing Surface Load	44505.63	-6026.98	1265.05	-1016.68	-32138.8	-43571.32
1433	LC_Dead Load	182703.76	14604.23	-9221.8	21734.31	218207.11	105804.37
1433	LC_Wearing Surface Load	16420.28	2288.11	-1170.23	-3551.08	31657.48	16566.24
1435	LC_Dead Load	254997.08	-9.634E-06	-4512.05	1.153E-05	137476.98	-1.150E-04

Table 35: Joint Reactions

Joint	OutputCase	F1	F2	F3	M1	M2	M3
		Lb	Lb	Lb	Lb-ft	Lb-ft	Lb-ft
1435	LC_Wearing Surface Load	32668.51	-1.328E-06	-2065.57	1.355E-06	46835.72	-1.595E-05
1437	LC_Dead Load	182703.76	-14604.23	-9221.8	-21734.31	218207.11	-105804.37
1437	LC_Wearing Surface Load	16420.28	-2288.11	-1170.23	3551.08	31657.48	-16566.24

9. Bridge object forces

This section provides bridge object forces at the program determined section cuts.

Table 36: Bridge Object Forces, Part 1 of 3

Table 36: Bridge Object Forces, Part 1 of 3

BridgeObj	BridgeCut	Distance	LocType	OutputCase	CaseType	P	V2	V3
		ft				Lb	Lb	Lb
BOBJ1	1	0.	After	LC_Dead Load	LinStatic	3.873E-05	-306579.52	-3.131E-07
BOBJ1	2	8.	Before	LC_Dead Load	LinStatic	3.873E-05	-247591.52	-3.132E-07
BOBJ1	3	8.	After	LC_Dead Load	LinStatic	3.873E-05	-229902.89	-3.129E-07
BOBJ1	4	16.	Before	LC_Dead Load	LinStatic	3.873E-05	-170914.9	-3.130E-07
BOBJ1	5	16.	After	LC_Dead Load	LinStatic	9.942E-05	-153113.47	-3.102E-07
BOBJ1	8	24.	Before	LC_Dead Load	LinStatic	9.942E-05	-85966.72	-3.185E-07
BOBJ1	9	24.	After	LC_Dead Load	LinStatic	9.942E-05	-72592.99	-4.787E-07
BOBJ1	10	32.	Before	LC_Dead Load	LinStatic	9.941E-05	-12489.98	-4.786E-07
BOBJ1	11	32.	After	LC_Dead Load	LinStatic	1.841E-04	8665.55	-4.673E-07
BOBJ1	12	40.	Before	LC_Dead Load	LinStatic	1.841E-04	68768.56	-4.658E-07
BOBJ1	13	40.	After	LC_Dead Load	LinStatic	1.841E-04	85018.89	-4.372E-07
BOBJ1	16	48.	Before	LC_Dead Load	LinStatic	1.840E-04	152583.78	-8.959E-07
BOBJ1	17	48.	After	LC_Dead Load	LinStatic	2.328E-04	167508.61	-7.009E-07
BOBJ1	18	56.	Before	LC_Dead Load	LinStatic	2.328E-04	226496.6	-6.992E-07
BOBJ1	19	56.	After	LC_Dead Load	LinStatic	2.328E-04	243451.87	-6.528E-07
BOBJ1	22	64.	Before	LC_Dead Load	LinStatic	2.328E-04	300337.99	-7.797E-07
BOBJ1	23	64.	After	LC_Dead Load	LinStatic	3.025E-05	320621.45	-7.590E-07
BOBJ1	26	72.	Before	LC_Dead Load	LinStatic	3.029E-05	377471.44	-7.472E-07
BOBJ1	27	72.	After	LC_Dead Load	LinStatic	3.010E-05	387235.2	-3.142E-06
BOBJ1	30	80.	Before	LC_Dead Load	LinStatic	3.007E-05	455200.04	-6.637E-06

Table 36: Bridge Object Forces, Part 1 of 3

BridgeObj	BridgeCut	Distance	LocType	OutputCase	CaseType	P	V2	V3
		ft				Lb	Lb	Lb
BOBJ1	31	80.	After	LC_Dead Load	LinStatic	-1042.26	-359410.03	-2.414E-05
BOBJ1	34	88.	Before	LC_Dead Load	LinStatic	-1042.26	-291445.19	-2.108E-05
BOBJ1	35	88.	After	LC_Dead Load	LinStatic	-1042.26	-281681.43	-2.521E-05
BOBJ1	38	96.	Before	LC_Dead Load	LinStatic	-1042.26	-224831.44	-2.513E-05
BOBJ1	39	96.	After	LC_Dead Load	LinStatic	-1042.26	-204107.97	-2.512E-05
BOBJ1	40	104.	Before	LC_Dead Load	LinStatic	-1042.26	-152425.95	-2.512E-05
BOBJ1	41	104.	After	LC_Dead Load	LinStatic	-1042.26	-134737.32	-2.512E-05
BOBJ1	42	112.	Before	LC_Dead Load	LinStatic	-1042.26	-83055.3	-2.512E-05
BOBJ1	43	112.	After	LC_Dead Load	LinStatic	-1042.26	-61889.8	-2.516E-05
BOBJ1	44	120.	Before	LC_Dead Load	LinStatic	-1042.26	-10207.78	-2.516E-05
BOBJ1	45	120.	After	LC_Dead Load	LinStatic	-1042.26	7480.85	-2.516E-05
BOBJ1	46	128.	Before	LC_Dead Load	LinStatic	-1042.26	59162.87	-2.516E-05
BOBJ1	47	128.	After	LC_Dead Load	LinStatic	-1042.26	80328.37	-2.516E-05
BOBJ1	48	136.	Before	LC_Dead Load	LinStatic	-1042.26	132010.39	-2.516E-05
BOBJ1	49	136.	After	LC_Dead Load	LinStatic	-1042.26	149699.02	-2.516E-05
BOBJ1	50	144.	Before	LC_Dead Load	LinStatic	-1042.26	201381.05	-2.516E-05
BOBJ1	51	144.	After	LC_Dead Load	LinStatic	-1042.26	222253.2	-2.517E-05
BOBJ1	54	152.	Before	LC_Dead Load	LinStatic	-1042.26	277998.48	-2.501E-05
BOBJ1	55	152.	After	LC_Dead Load	LinStatic	-1042.26	289053.87	-2.519E-05
BOBJ1	58	160.	Before	LC_Dead Load	LinStatic	-1042.26	355692.66	-2.521E-05
BOBJ1	59	160.	After	LC_Dead Load	LinStatic	-22955.65	-447673.6	-2.221E-05
BOBJ1	62	168.	Before	LC_Dead Load	LinStatic	-22955.65	-381034.8	-2.223E-05
BOBJ1	63	168.	After	LC_Dead Load	LinStatic	-22955.65	-369979.41	-2.241E-05
BOBJ1	66	176.	Before	LC_Dead Load	LinStatic	-22955.65	-314234.13	-2.242E-05
BOBJ1	67	176.	After	LC_Dead Load	LinStatic	-22955.65	-293804.	-2.238E-05
BOBJ1	70	184.	Before	LC_Dead Load	LinStatic	-22955.65	-237600.88	-2.233E-05
BOBJ1	71	184.	After	LC_Dead Load	LinStatic	-22955.65	-220645.61	-2.245E-05
BOBJ1	72	192.	Before	LC_Dead Load	LinStatic	-22955.65	-162947.65	-2.245E-05
BOBJ1	73	192.	After	LC_Dead Load	LinStatic	-22955.65	-141790.19	-2.246E-05
BOBJ1	74	200.	Before	LC_Dead Load	LinStatic	-22955.65	-84092.23	-2.246E-05

Table 36: Bridge Object Forces, Part 1 of 3

BridgeObj	BridgeCut	Distance	LocType	OutputCase	CaseType	P	V2	V3
		ft				Lb	Lb	Lb
BOBJ1	75	200.	After	LC_Dead Load	LinStatic	-22955.65	-66403.6	-2.246E-05
BOBJ1	76	208.	Before	LC_Dead Load	LinStatic	-22955.65	-8705.64	-2.246E-05
BOBJ1	77	208.	After	LC_Dead Load	LinStatic	-22955.65	12451.83	-2.236E-05
BOBJ1	78	216.	Before	LC_Dead Load	LinStatic	-22955.65	70149.78	-2.236E-05
BOBJ1	79	216.	After	LC_Dead Load	LinStatic	-22955.65	87838.42	-2.235E-05
BOBJ1	80	224.	Before	LC_Dead Load	LinStatic	-22955.65	145536.38	-2.235E-05
BOBJ1	81	224.	After	LC_Dead Load	LinStatic	-22955.65	166693.84	-2.243E-05
BOBJ1	82	232.	Before	LC_Dead Load	LinStatic	-22955.65	224391.8	-2.243E-05
BOBJ1	83	232.	After	LC_Dead Load	LinStatic	-22955.65	242080.43	-2.243E-05
BOBJ1	84	240.	Before	LC_Dead Load	LinStatic	-22955.65	299778.39	-2.243E-05
BOBJ1	1	0.	After	LC_Wearing Surface Load	LinStatic	8.820E-06	-57234.32	-4.074E-08
BOBJ1	2	8.	Before	LC_Wearing Surface Load	LinStatic	8.820E-06	-57234.32	-4.074E-08
BOBJ1	3	8.	After	LC_Wearing Surface Load	LinStatic	8.821E-06	-40854.32	-4.073E-08
BOBJ1	4	16.	Before	LC_Wearing Surface Load	LinStatic	8.820E-06	-40854.32	-4.071E-08
BOBJ1	5	16.	After	LC_Wearing Surface Load	LinStatic	2.383E-05	-25190.94	-3.153E-08
BOBJ1	8	24.	Before	LC_Wearing Surface Load	LinStatic	2.383E-05	-23552.94	-5.106E-08
BOBJ1	9	24.	After	LC_Wearing Surface Load	LinStatic	2.383E-05	-8094.32	-7.162E-08
BOBJ1	10	32.	Before	LC_Wearing Surface Load	LinStatic	2.383E-05	-8094.32	-7.154E-08
BOBJ1	11	32.	After	LC_Wearing Surface Load	LinStatic	4.069E-05	8285.68	-7.363E-08
BOBJ1	12	40.	Before	LC_Wearing Surface Load	LinStatic	4.069E-05	8285.68	-7.335E-08
BOBJ1	13	40.	After	LC_Wearing Surface Load	LinStatic	4.069E-05	24358.56	-7.197E-08
BOBJ1	16	48.	Before	LC_Wearing Surface Load	LinStatic	4.068E-05	25996.56	-1.411E-07
BOBJ1	17	48.	After	LC_Wearing Surface Load	LinStatic	4.891E-05	41045.68	-9.996E-08
BOBJ1	18	56.	Before	LC_Wearing Surface Load	LinStatic	4.891E-05	41045.68	-9.961E-08
BOBJ1	19	56.	After	LC_Wearing Surface Load	LinStatic	4.891E-05	53330.68	-1.047E-07
BOBJ1	22	64.	Before	LC_Wearing Surface Load	LinStatic	4.891E-05	59882.68	-1.001E-07
BOBJ1	23	64.	After	LC_Wearing Surface Load	LinStatic	4.988E-06	71348.68	-1.092E-07
BOBJ1	26	72.	Before	LC_Wearing Surface Load	LinStatic	4.994E-06	77900.68	-1.179E-07
BOBJ1	27	72.	After	LC_Wearing Surface Load	LinStatic	4.943E-06	88650.06	-1.341E-07
BOBJ1	30	80.	Before	LC_Wearing Surface Load	LinStatic	4.955E-06	90288.06	-8.876E-06

Table 36: Bridge Object Forces, Part 1 of 3

BridgeObj	BridgeCut	Distance	LocType	OutputCase	CaseType	P	V2	V3
		ft				Lb	Lb	Lb
BOBJ1	31	80.	After	LC_Wearing Surface Load	LinStatic	-447.86	-73897.13	-5.049E-06
BOBJ1	34	88.	Before	LC_Wearing Surface Load	LinStatic	-447.86	-72259.13	-6.507E-06
BOBJ1	35	88.	After	LC_Wearing Surface Load	LinStatic	-447.86	-61509.76	-5.805E-06
BOBJ1	38	96.	Before	LC_Wearing Surface Load	LinStatic	-447.86	-54957.76	-5.835E-06
BOBJ1	39	96.	After	LC_Wearing Surface Load	LinStatic	-447.86	-41034.76	-5.829E-06
BOBJ1	40	104.	Before	LC_Wearing Surface Load	LinStatic	-447.86	-41034.76	-5.829E-06
BOBJ1	41	104.	After	LC_Wearing Surface Load	LinStatic	-447.86	-24654.76	-5.829E-06
BOBJ1	42	112.	Before	LC_Wearing Surface Load	LinStatic	-447.86	-24654.76	-5.829E-06
BOBJ1	43	112.	After	LC_Wearing Surface Load	LinStatic	-447.86	-8274.76	-5.817E-06
BOBJ1	44	120.	Before	LC_Wearing Surface Load	LinStatic	-447.86	-8274.76	-5.817E-06
BOBJ1	45	120.	After	LC_Wearing Surface Load	LinStatic	-447.86	8105.24	-5.817E-06
BOBJ1	46	128.	Before	LC_Wearing Surface Load	LinStatic	-447.86	8105.24	-5.817E-06
BOBJ1	47	128.	After	LC_Wearing Surface Load	LinStatic	-447.86	24485.24	-5.820E-06
BOBJ1	48	136.	Before	LC_Wearing Surface Load	LinStatic	-447.86	24485.24	-5.819E-06
BOBJ1	49	136.	After	LC_Wearing Surface Load	LinStatic	-447.86	40865.24	-5.819E-06
BOBJ1	50	144.	Before	LC_Wearing Surface Load	LinStatic	-447.86	40865.24	-5.819E-06
BOBJ1	51	144.	After	LC_Wearing Surface Load	LinStatic	-447.86	55607.24	-5.808E-06
BOBJ1	54	152.	Before	LC_Wearing Surface Load	LinStatic	-447.86	62159.24	-5.894E-06
BOBJ1	55	152.	After	LC_Wearing Surface Load	LinStatic	-447.86	72396.74	-5.830E-06
BOBJ1	58	160.	Before	LC_Wearing Surface Load	LinStatic	-447.86	74034.74	-5.839E-06
BOBJ1	59	160.	After	LC_Wearing Surface Load	LinStatic	-4406.03	-90510.43	-2.848E-06
BOBJ1	62	168.	Before	LC_Wearing Surface Load	LinStatic	-4406.03	-88872.43	-2.879E-06
BOBJ1	63	168.	After	LC_Wearing Surface Load	LinStatic	-4406.03	-78634.93	-3.122E-06
BOBJ1	66	176.	Before	LC_Wearing Surface Load	LinStatic	-4406.03	-72082.93	-3.120E-06
BOBJ1	67	176.	After	LC_Wearing Surface Load	LinStatic	-4406.03	-59797.93	-3.128E-06
BOBJ1	70	184.	Before	LC_Wearing Surface Load	LinStatic	-4406.03	-53245.93	-3.119E-06
BOBJ1	71	184.	After	LC_Wearing Surface Load	LinStatic	-4406.03	-40960.93	-3.133E-06
BOBJ1	72	192.	Before	LC_Wearing Surface Load	LinStatic	-4406.03	-40960.93	-3.133E-06
BOBJ1	73	192.	After	LC_Wearing Surface Load	LinStatic	-4406.03	-24580.93	-3.129E-06
BOBJ1	74	200.	Before	LC_Wearing Surface Load	LinStatic	-4406.03	-24580.93	-3.129E-06

Table 36: Bridge Object Forces, Part 1 of 3

BridgeObj	BridgeCut	Distance	LocType	OutputCase	CaseType	P	V2	V3
		ft				Lb	Lb	Lb
BOBJ1	75	200.	After	LC_Wearing Surface Load	LinStatic	-4406.03	-8200.93	-3.129E-06
BOBJ1	76	208.	Before	LC_Wearing Surface Load	LinStatic	-4406.03	-8200.93	-3.129E-06
BOBJ1	77	208.	After	LC_Wearing Surface Load	LinStatic	-4406.03	8179.07	-3.143E-06
BOBJ1	78	216.	Before	LC_Wearing Surface Load	LinStatic	-4406.03	8179.07	-3.143E-06
BOBJ1	79	216.	After	LC_Wearing Surface Load	LinStatic	-4406.03	24559.07	-3.143E-06
BOBJ1	80	224.	Before	LC_Wearing Surface Load	LinStatic	-4406.03	24559.07	-3.143E-06
BOBJ1	81	224.	After	LC_Wearing Surface Load	LinStatic	-4406.03	40939.07	-3.123E-06
BOBJ1	82	232.	Before	LC_Wearing Surface Load	LinStatic	-4406.03	40939.07	-3.122E-06
BOBJ1	83	232.	After	LC_Wearing Surface Load	LinStatic	-4406.03	57319.07	-3.122E-06
BOBJ1	84	240.	Before	LC_Wearing Surface Load	LinStatic	-4406.03	57319.07	-3.122E-06

Table 36: Bridge Object Forces, Part 2 of 3

Table 36: Bridge Object Forces, Part 2 of 3

BridgeObj	BridgeCut	Distance	LocType	OutputCase	T	M2	M3	GlobalX
		ft			Lb-ft	Lb-ft	Lb-ft	ft
BOBJ1	1	0.	After	LC_Dead Load	-5.043E-05	3.709E-04	-144.4	0.
BOBJ1	2	8.	Before	LC_Dead Load	-5.028E-05	3.734E-04	2216539.76	8.
BOBJ1	3	8.	After	LC_Dead Load	-5.035E-05	3.734E-04	2216539.76	8.
BOBJ1	4	16.	Before	LC_Dead Load	-5.022E-05	3.759E-04	3819810.93	16.
BOBJ1	5	16.	After	LC_Dead Load	-6.231E-05	6.313E-04	3819810.93	16.
BOBJ1	8	24.	Before	LC_Dead Load	-6.188E-05	6.339E-04	4781064.75	24.
BOBJ1	9	24.	After	LC_Dead Load	-6.204E-05	6.339E-04	4781064.75	24.
BOBJ1	10	32.	Before	LC_Dead Load	-6.201E-05	6.377E-04	5121396.6	32.
BOBJ1	11	32.	After	LC_Dead Load	-1.863E-05	2.523E-04	5121396.6	32.
BOBJ1	12	40.	Before	LC_Dead Load	-1.853E-05	2.560E-04	4811660.16	40.
BOBJ1	13	40.	After	LC_Dead Load	-1.804E-05	2.561E-04	4811660.16	40.
BOBJ1	16	48.	Before	LC_Dead Load	-1.791E-05	2.611E-04	3879747.36	48.
BOBJ1	17	48.	After	LC_Dead Load	1.100E-06	1.203E-03	3879747.36	48.
BOBJ1	18	56.	Before	LC_Dead Load	1.334E-06	1.209E-03	2303726.55	56.
BOBJ1	19	56.	After	LC_Dead Load	9.378E-07	1.209E-03	2303726.55	56.
BOBJ1	22	64.	Before	LC_Dead Load	1.418E-06	1.215E-03	122480.85	64.

Table 36: Bridge Object Forces, Part 2 of 3

BridgeObj	BridgeCut	Distance	LocType	OutputCase	T	M2	M3	GlobalX
		ft			Lb-ft	Lb-ft	Lb-ft	ft
BOBJ1	23	64.	After	LC_Dead Load	-4.398E-05	1.423E-03	122480.85	64.
BOBJ1	26	72.	Before	LC_Dead Load	-4.399E-05	1.430E-03	-2663894.82	72.
BOBJ1	27	72.	After	LC_Dead Load	-4.670E-05	1.431E-03	-2663894.82	72.
BOBJ1	30	80.	Before	LC_Dead Load	-3.684E-05	1.482E-03	-6060133.29	80.
BOBJ1	31	80.	After	LC_Dead Load	4.714E-06	9.608E-04	-6062985.39	80.
BOBJ1	34	88.	Before	LC_Dead Load	8.719E-06	1.154E-03	-3433103.33	88.
BOBJ1	35	88.	After	LC_Dead Load	4.288E-06	1.154E-03	-3433103.33	88.
BOBJ1	38	96.	Before	LC_Dead Load	8.605E-06	1.355E-03	-1413222.02	96.
BOBJ1	39	96.	After	LC_Dead Load	1.846E-05	8.985E-04	-1413305.	96.
BOBJ1	40	104.	Before	LC_Dead Load	1.848E-05	1.099E-03	12830.67	104.
BOBJ1	41	104.	After	LC_Dead Load	1.848E-05	1.099E-03	12830.67	104.
BOBJ1	42	112.	Before	LC_Dead Load	1.849E-05	1.300E-03	884001.12	112.
BOBJ1	43	112.	After	LC_Dead Load	2.679E-06	7.948E-04	884001.12	112.
BOBJ1	44	120.	Before	LC_Dead Load	2.710E-06	9.961E-04	1172391.44	120.
BOBJ1	45	120.	After	LC_Dead Load	2.795E-06	9.961E-04	1172391.44	120.
BOBJ1	46	128.	Before	LC_Dead Load	2.807E-06	1.197E-03	905816.52	128.
BOBJ1	47	128.	After	LC_Dead Load	-1.758E-06	6.588E-04	905816.52	128.
BOBJ1	48	136.	Before	LC_Dead Load	-1.747E-06	8.600E-04	56461.47	136.
BOBJ1	49	136.	After	LC_Dead Load	-1.740E-06	8.600E-04	56461.47	136.
BOBJ1	50	144.	Before	LC_Dead Load	-1.721E-06	1.061E-03	-1347858.81	144.
BOBJ1	51	144.	After	LC_Dead Load	3.601E-06	4.765E-04	-1347788.4	144.
BOBJ1	54	152.	Before	LC_Dead Load	-1.385E-07	6.777E-04	-3342858.53	152.
BOBJ1	55	152.	After	LC_Dead Load	-2.979E-07	6.778E-04	-3342858.53	152.
BOBJ1	58	160.	Before	LC_Dead Load	-1.184E-06	8.796E-04	-5936183.24	160.
BOBJ1	59	160.	After	LC_Dead Load	-1.323E-04	-2.020E-04	-5993845.51	160.
BOBJ1	62	168.	Before	LC_Dead Load	-1.318E-04	-2.424E-05	-2665401.61	168.
BOBJ1	63	168.	After	LC_Dead Load	-1.318E-04	-2.404E-05	-2665401.61	168.
BOBJ1	66	176.	Before	LC_Dead Load	-1.282E-04	1.551E-04	62140.43	176.
BOBJ1	67	176.	After	LC_Dead Load	-9.131E-05	5.507E-04	62140.43	176.
BOBJ1	70	184.	Before	LC_Dead Load	-9.430E-05	7.299E-04	2195960.6	184.

Table 36: Bridge Object Forces, Part 2 of 3

BridgeObj	BridgeCut	Distance	LocType	OutputCase	T	M2	M3	GlobalX
		ft			Lb-ft	Lb-ft	Lb-ft	ft
BOBJ1	71	184.	After	LC_Dead Load	-9.404E-05	7.299E-04	2195960.6	184.
BOBJ1	72	192.	Before	LC_Dead Load	-9.413E-05	9.095E-04	3730333.64	192.
BOBJ1	73	192.	After	LC_Dead Load	-4.471E-05	1.053E-03	3730333.64	192.
BOBJ1	74	200.	Before	LC_Dead Load	-4.434E-05	1.233E-03	4633863.29	200.
BOBJ1	75	200.	After	LC_Dead Load	-4.449E-05	1.233E-03	4633863.29	200.
BOBJ1	76	208.	Before	LC_Dead Load	-4.460E-05	1.413E-03	4934300.22	208.
BOBJ1	77	208.	After	LC_Dead Load	-7.838E-05	5.749E-04	4934300.22	208.
BOBJ1	78	216.	Before	LC_Dead Load	-7.836E-05	7.538E-04	4603893.77	216.
BOBJ1	79	216.	After	LC_Dead Load	-7.869E-05	7.538E-04	4603893.77	216.
BOBJ1	80	224.	Before	LC_Dead Load	-7.878E-05	9.326E-04	3670394.6	224.
BOBJ1	81	224.	After	LC_Dead Load	-1.380E-05	-1.664E-04	3670394.6	224.
BOBJ1	82	232.	Before	LC_Dead Load	-1.374E-05	1.304E-05	2106052.04	232.
BOBJ1	83	232.	After	LC_Dead Load	-1.375E-05	1.308E-05	2106052.04	232.
BOBJ1	84	240.	Before	LC_Dead Load	-1.372E-05	1.925E-04	-61383.24	240.
BOBJ1	1	0.	After	LC_Wearing Surface Load	-1.168E-05	7.741E-05	1.205E-05	0.
BOBJ1	2	8.	Before	LC_Wearing Surface Load	-1.165E-05	7.772E-05	457874.54	8.
BOBJ1	3	8.	After	LC_Wearing Surface Load	-1.166E-05	7.773E-05	457874.54	8.
BOBJ1	4	16.	Before	LC_Wearing Surface Load	-1.165E-05	7.804E-05	784709.07	16.
BOBJ1	5	16.	After	LC_Wearing Surface Load	-1.466E-05	1.280E-04	784709.07	16.
BOBJ1	8	24.	Before	LC_Wearing Surface Load	-1.466E-05	1.283E-04	980503.61	24.
BOBJ1	9	24.	After	LC_Wearing Surface Load	-1.460E-05	1.283E-04	980503.61	24.
BOBJ1	10	32.	Before	LC_Wearing Surface Load	-1.462E-05	1.289E-04	1045258.15	32.
BOBJ1	11	32.	After	LC_Wearing Surface Load	-5.668E-06	5.756E-05	1045258.15	32.
BOBJ1	12	40.	Before	LC_Wearing Surface Load	-5.652E-06	5.814E-05	978972.68	40.
BOBJ1	13	40.	After	LC_Wearing Surface Load	-5.613E-06	5.814E-05	978972.68	40.
BOBJ1	16	48.	Before	LC_Wearing Surface Load	-5.026E-06	5.899E-05	781647.22	48.
BOBJ1	17	48.	After	LC_Wearing Surface Load	-2.648E-06	2.484E-04	781647.22	48.
BOBJ1	18	56.	Before	LC_Wearing Surface Load	-2.582E-06	2.492E-04	453281.76	56.
BOBJ1	19	56.	After	LC_Wearing Surface Load	-2.615E-06	2.492E-04	453281.76	56.
BOBJ1	22	64.	Before	LC_Wearing Surface Load	-2.541E-06	2.500E-04	-6123.71	64.

Table 36: Bridge Object Forces, Part 2 of 3

BridgeObj	BridgeCut	Distance	LocType	OutputCase	T	M2	M3	GlobalX
		ft			Lb-ft	Lb-ft	Lb-ft	ft
BOBJ1	23	64.	After	LC_Wearing Surface Load	-1.088E-05	2.848E-04	-6123.71	64.
BOBJ1	26	72.	Before	LC_Wearing Surface Load	-1.088E-05	2.857E-04	-596569.17	72.
BOBJ1	27	72.	After	LC_Wearing Surface Load	-6.388E-06	2.859E-04	-596569.17	72.
BOBJ1	30	80.	Before	LC_Wearing Surface Load	-1.811E-05	3.558E-04	-1318054.63	80.
BOBJ1	31	80.	After	LC_Wearing Surface Load	-2.395E-06	2.150E-04	-1319218.14	80.
BOBJ1	34	88.	Before	LC_Wearing Surface Load	-4.500E-06	2.553E-04	-728875.69	88.
BOBJ1	35	88.	After	LC_Wearing Surface Load	-3.124E-06	2.553E-04	-728875.69	88.
BOBJ1	38	96.	Before	LC_Wearing Surface Load	-2.177E-06	3.020E-04	-269632.51	96.
BOBJ1	39	96.	After	LC_Wearing Surface Load	1.522E-06	2.042E-04	-269668.17	96.
BOBJ1	40	104.	Before	LC_Wearing Surface Load	1.525E-06	2.508E-04	58609.89	104.
BOBJ1	41	104.	After	LC_Wearing Surface Load	1.526E-06	2.508E-04	58609.89	104.
BOBJ1	42	112.	Before	LC_Wearing Surface Load	1.533E-06	2.974E-04	255847.95	112.
BOBJ1	43	112.	After	LC_Wearing Surface Load	-3.817E-06	2.008E-04	255847.95	112.
BOBJ1	44	120.	Before	LC_Wearing Surface Load	-3.817E-06	2.473E-04	322046.02	120.
BOBJ1	45	120.	After	LC_Wearing Surface Load	-3.799E-06	2.473E-04	322046.02	120.
BOBJ1	46	128.	Before	LC_Wearing Surface Load	-3.798E-06	2.939E-04	257204.08	128.
BOBJ1	47	128.	After	LC_Wearing Surface Load	-3.494E-06	2.003E-04	257204.08	128.
BOBJ1	48	136.	Before	LC_Wearing Surface Load	-3.492E-06	2.468E-04	61322.14	136.
BOBJ1	49	136.	After	LC_Wearing Surface Load	-3.487E-06	2.468E-04	61322.14	136.
BOBJ1	50	144.	Before	LC_Wearing Surface Load	-3.488E-06	2.934E-04	-265599.8	144.
BOBJ1	51	144.	After	LC_Wearing Surface Load	-2.506E-06	1.902E-04	-265569.54	144.
BOBJ1	54	152.	Before	LC_Wearing Surface Load	-3.496E-06	2.367E-04	-723462.49	152.
BOBJ1	55	152.	After	LC_Wearing Surface Load	-3.418E-06	2.367E-04	-723462.49	152.
BOBJ1	58	160.	Before	LC_Wearing Surface Load	-3.629E-06	2.835E-04	-1312449.54	160.
BOBJ1	59	160.	After	LC_Wearing Surface Load	-2.295E-05	6.644E-05	-1322838.87	160.
BOBJ1	62	168.	Before	LC_Wearing Surface Load	-2.277E-05	8.940E-05	-602177.89	168.
BOBJ1	63	168.	After	LC_Wearing Surface Load	-2.311E-05	8.939E-05	-602177.89	168.
BOBJ1	66	176.	Before	LC_Wearing Surface Load	-2.265E-05	1.143E-04	-13089.2	176.
BOBJ1	67	176.	After	LC_Wearing Surface Load	-1.476E-05	1.908E-04	-13089.2	176.
BOBJ1	70	184.	Before	LC_Wearing Surface Load	-1.516E-05	2.158E-04	446218.8	184.

Table 36: Bridge Object Forces, Part 2 of 3

BridgeObj	BridgeCut	Distance	LocType	OutputCase	T	M2	M3	GlobalX
		ft			Lb-ft	Lb-ft	Lb-ft	ft
BOBJ1	71	184.	After	LC_Wearing Surface Load	-1.516E-05	2.158E-04	446218.8	184.
BOBJ1	72	192.	Before	LC_Wearing Surface Load	-1.516E-05	2.409E-04	773906.2	192.
BOBJ1	73	192.	After	LC_Wearing Surface Load	-9.604E-06	2.689E-04	773906.2	192.
BOBJ1	74	200.	Before	LC_Wearing Surface Load	-9.593E-06	2.939E-04	970553.6	200.
BOBJ1	75	200.	After	LC_Wearing Surface Load	-9.606E-06	2.939E-04	970553.6	200.
BOBJ1	76	208.	Before	LC_Wearing Surface Load	-9.597E-06	3.190E-04	1036161.	208.
BOBJ1	77	208.	After	LC_Wearing Surface Load	-1.377E-05	1.635E-04	1036161.	208.
BOBJ1	78	216.	Before	LC_Wearing Surface Load	-1.378E-05	1.887E-04	970728.4	216.
BOBJ1	79	216.	After	LC_Wearing Surface Load	-1.383E-05	1.887E-04	970728.4	216.
BOBJ1	80	224.	Before	LC_Wearing Surface Load	-1.387E-05	2.138E-04	774255.8	224.
BOBJ1	81	224.	After	LC_Wearing Surface Load	-3.537E-06	2.105E-05	774255.8	224.
BOBJ1	82	232.	Before	LC_Wearing Surface Load	-3.508E-06	4.602E-05	446743.2	232.
BOBJ1	83	232.	After	LC_Wearing Surface Load	-3.517E-06	4.603E-05	446743.2	232.
BOBJ1	84	240.	Before	LC_Wearing Surface Load	-3.512E-06	7.100E-05	-11809.4	240.

Table 36: Bridge Object Forces, Part 3 of 3

Table 36: Bridge Object Forces, Part 3 of 3

BridgeObj	BridgeCut	Distance	LocType	OutputCase	GlobalY	GlobalZ
		ft			ft	ft
BOBJ1	1	0.	After	LC_Dead Load	-8.882E-14	-1.3559
BOBJ1	2	8.	Before	LC_Dead Load	-8.882E-14	-1.3559
BOBJ1	3	8.	After	LC_Dead Load	-8.882E-14	-1.3559
BOBJ1	4	16.	Before	LC_Dead Load	-8.882E-14	-1.3559
BOBJ1	5	16.	After	LC_Dead Load	-8.882E-14	-1.3559
BOBJ1	8	24.	Before	LC_Dead Load	-1.670E-13	-1.3814
BOBJ1	9	24.	After	LC_Dead Load	-1.670E-13	-1.3814
BOBJ1	10	32.	Before	LC_Dead Load	-1.670E-13	-1.3814
BOBJ1	11	32.	After	LC_Dead Load	-1.670E-13	-1.3814
BOBJ1	12	40.	Before	LC_Dead Load	-1.670E-13	-1.3814
BOBJ1	13	40.	After	LC_Dead Load	-1.670E-13	-1.3814
BOBJ1	16	48.	Before	LC_Dead Load	-8.882E-14	-1.3559

Table 36: Bridge Object Forces, Part 3 of 3

BridgeObj	BridgeCut	Distance	LocType	OutputCase	GlobalY	GlobalZ
		ft			ft	ft
BOBJ1	17	48.	After	LC_Dead Load	-6.395E-14	-1.3559
BOBJ1	18	56.	Before	LC_Dead Load	-8.882E-14	-1.3559
BOBJ1	19	56.	After	LC_Dead Load	-8.882E-14	-1.3559
BOBJ1	22	64.	Before	LC_Dead Load	-5.684E-14	-1.2
BOBJ1	23	64.	After	LC_Dead Load	-5.684E-14	-1.2
BOBJ1	26	72.	Before	LC_Dead Load	-6.040E-14	-1.3672
BOBJ1	27	72.	After	LC_Dead Load	-6.040E-14	-1.3672
BOBJ1	30	80.	Before	LC_Dead Load	-1.243E-13	-1.4021
BOBJ1	31	80.	After	LC_Dead Load	-1.243E-13	-1.4021
BOBJ1	34	88.	Before	LC_Dead Load	-6.040E-14	-1.3672
BOBJ1	35	88.	After	LC_Dead Load	-6.040E-14	-1.3672
BOBJ1	38	96.	Before	LC_Dead Load	-2.842E-14	-1.2
BOBJ1	39	96.	After	LC_Dead Load	-2.522E-13	-1.1204
BOBJ1	40	104.	Before	LC_Dead Load	-2.522E-13	-1.1204
BOBJ1	41	104.	After	LC_Dead Load	-2.522E-13	-1.1204
BOBJ1	42	112.	Before	LC_Dead Load	-2.522E-13	-1.1204
BOBJ1	43	112.	After	LC_Dead Load	-2.522E-13	-1.1204
BOBJ1	44	120.	Before	LC_Dead Load	-2.522E-13	-1.1204
BOBJ1	45	120.	After	LC_Dead Load	-2.522E-13	-1.1204
BOBJ1	46	128.	Before	LC_Dead Load	-2.522E-13	-1.1204
BOBJ1	47	128.	After	LC_Dead Load	-1.279E-13	-1.1204
BOBJ1	48	136.	Before	LC_Dead Load	-1.137E-13	-1.1204
BOBJ1	49	136.	After	LC_Dead Load	-2.522E-13	-1.1204
BOBJ1	50	144.	Before	LC_Dead Load	-2.522E-13	-1.1204
BOBJ1	51	144.	After	LC_Dead Load	-1.670E-13	-1.1879
BOBJ1	54	152.	Before	LC_Dead Load	-1.030E-13	-1.342
BOBJ1	55	152.	After	LC_Dead Load	-9.948E-14	-1.342
BOBJ1	58	160.	Before	LC_Dead Load	7.105E-15	-1.3752
BOBJ1	59	160.	After	LC_Dead Load	7.105E-15	-1.3752
BOBJ1	62	168.	Before	LC_Dead Load	-1.670E-13	-1.342

Table 36: Bridge Object Forces, Part 3 of 3

BridgeObj	BridgeCut	Distance	LocType	OutputCase	GlobalY	GlobalZ
		ft			ft	ft
BOBJ1	63	168.	After	LC_Dead Load	-1.030E-13	-1.342
BOBJ1	66	176.	Before	LC_Dead Load	-1.918E-13	-1.1879
BOBJ1	67	176.	After	LC_Dead Load	-1.918E-13	-1.1879
BOBJ1	70	184.	Before	LC_Dead Load	1.066E-14	-1.3197
BOBJ1	71	184.	After	LC_Dead Load	1.066E-14	-1.3197
BOBJ1	72	192.	Before	LC_Dead Load	1.066E-14	-1.3197
BOBJ1	73	192.	After	LC_Dead Load	1.066E-14	-1.3197
BOBJ1	74	200.	Before	LC_Dead Load	1.066E-14	-1.3197
BOBJ1	75	200.	After	LC_Dead Load	1.066E-14	-1.3197
BOBJ1	76	208.	Before	LC_Dead Load	1.066E-14	-1.3197
BOBJ1	77	208.	After	LC_Dead Load	1.066E-14	-1.3197
BOBJ1	78	216.	Before	LC_Dead Load	1.066E-14	-1.3197
BOBJ1	79	216.	After	LC_Dead Load	1.066E-14	-1.3197
BOBJ1	80	224.	Before	LC_Dead Load	1.066E-14	-1.3197
BOBJ1	81	224.	After	LC_Dead Load	1.066E-14	-1.3197
BOBJ1	82	232.	Before	LC_Dead Load	1.066E-14	-1.3197
BOBJ1	83	232.	After	LC_Dead Load	1.066E-14	-1.3197
BOBJ1	84	240.	Before	LC_Dead Load	1.066E-14	-1.3197
BOBJ1	1	0.	After	LC_Wearing Surface Load	-8.882E-14	-1.3559
BOBJ1	2	8.	Before	LC_Wearing Surface Load	-8.882E-14	-1.3559
BOBJ1	3	8.	After	LC_Wearing Surface Load	-8.882E-14	-1.3559
BOBJ1	4	16.	Before	LC_Wearing Surface Load	-8.882E-14	-1.3559
BOBJ1	5	16.	After	LC_Wearing Surface Load	-8.882E-14	-1.3559
BOBJ1	8	24.	Before	LC_Wearing Surface Load	-1.670E-13	-1.3814
BOBJ1	9	24.	After	LC_Wearing Surface Load	-1.670E-13	-1.3814
BOBJ1	10	32.	Before	LC_Wearing Surface Load	-1.670E-13	-1.3814
BOBJ1	11	32.	After	LC_Wearing Surface Load	-1.670E-13	-1.3814
BOBJ1	12	40.	Before	LC_Wearing Surface Load	-1.670E-13	-1.3814
BOBJ1	13	40.	After	LC_Wearing Surface Load	-1.670E-13	-1.3814
BOBJ1	16	48.	Before	LC_Wearing Surface Load	-8.882E-14	-1.3559

Table 36: Bridge Object Forces, Part 3 of 3

BridgeObj	BridgeCut	Distance	LocType	OutputCase	GlobalY	GlobalZ
		ft			ft	ft
BOBJ1	17	48.	After	LC_Wearing Surface Load	-6.395E-14	-1.3559
BOBJ1	18	56.	Before	LC_Wearing Surface Load	-8.882E-14	-1.3559
BOBJ1	19	56.	After	LC_Wearing Surface Load	-8.882E-14	-1.3559
BOBJ1	22	64.	Before	LC_Wearing Surface Load	-5.684E-14	-1.2
BOBJ1	23	64.	After	LC_Wearing Surface Load	-5.684E-14	-1.2
BOBJ1	26	72.	Before	LC_Wearing Surface Load	-6.040E-14	-1.3672
BOBJ1	27	72.	After	LC_Wearing Surface Load	-6.040E-14	-1.3672
BOBJ1	30	80.	Before	LC_Wearing Surface Load	-1.243E-13	-1.4021
BOBJ1	31	80.	After	LC_Wearing Surface Load	-1.243E-13	-1.4021
BOBJ1	34	88.	Before	LC_Wearing Surface Load	-6.040E-14	-1.3672
BOBJ1	35	88.	After	LC_Wearing Surface Load	-6.040E-14	-1.3672
BOBJ1	38	96.	Before	LC_Wearing Surface Load	-2.842E-14	-1.2
BOBJ1	39	96.	After	LC_Wearing Surface Load	-2.522E-13	-1.1204
BOBJ1	40	104.	Before	LC_Wearing Surface Load	-2.522E-13	-1.1204
BOBJ1	41	104.	After	LC_Wearing Surface Load	-2.522E-13	-1.1204
BOBJ1	42	112.	Before	LC_Wearing Surface Load	-2.522E-13	-1.1204
BOBJ1	43	112.	After	LC_Wearing Surface Load	-2.522E-13	-1.1204
BOBJ1	44	120.	Before	LC_Wearing Surface Load	-2.522E-13	-1.1204
BOBJ1	45	120.	After	LC_Wearing Surface Load	-2.522E-13	-1.1204
BOBJ1	46	128.	Before	LC_Wearing Surface Load	-2.522E-13	-1.1204
BOBJ1	47	128.	After	LC_Wearing Surface Load	-1.279E-13	-1.1204
BOBJ1	48	136.	Before	LC_Wearing Surface Load	-1.137E-13	-1.1204
BOBJ1	49	136.	After	LC_Wearing Surface Load	-2.522E-13	-1.1204
BOBJ1	50	144.	Before	LC_Wearing Surface Load	-2.522E-13	-1.1204
BOBJ1	51	144.	After	LC_Wearing Surface Load	-1.670E-13	-1.1879
BOBJ1	54	152.	Before	LC_Wearing Surface Load	-1.030E-13	-1.342
BOBJ1	55	152.	After	LC_Wearing Surface Load	-9.948E-14	-1.342
BOBJ1	58	160.	Before	LC_Wearing Surface Load	7.105E-15	-1.3752
BOBJ1	59	160.	After	LC_Wearing Surface Load	7.105E-15	-1.3752
BOBJ1	62	168.	Before	LC_Wearing Surface Load	-1.670E-13	-1.342

Table 36: Bridge Object Forces, Part 3 of 3

BridgeObj	BridgeCut	Distance	LocType	OutputCase	GlobalY	GlobalZ
		ft			ft	ft
BOBJ1	63	168.	After	LC_Wearing Surface Load	-1.030E-13	-1.342
BOBJ1	66	176.	Before	LC_Wearing Surface Load	-1.918E-13	-1.1879
BOBJ1	67	176.	After	LC_Wearing Surface Load	-1.918E-13	-1.1879
BOBJ1	70	184.	Before	LC_Wearing Surface Load	1.066E-14	-1.3197
BOBJ1	71	184.	After	LC_Wearing Surface Load	1.066E-14	-1.3197
BOBJ1	72	192.	Before	LC_Wearing Surface Load	1.066E-14	-1.3197
BOBJ1	73	192.	After	LC_Wearing Surface Load	1.066E-14	-1.3197
BOBJ1	74	200.	Before	LC_Wearing Surface Load	1.066E-14	-1.3197
BOBJ1	75	200.	After	LC_Wearing Surface Load	1.066E-14	-1.3197
BOBJ1	76	208.	Before	LC_Wearing Surface Load	1.066E-14	-1.3197
BOBJ1	77	208.	After	LC_Wearing Surface Load	1.066E-14	-1.3197
BOBJ1	78	216.	Before	LC_Wearing Surface Load	1.066E-14	-1.3197
BOBJ1	79	216.	After	LC_Wearing Surface Load	1.066E-14	-1.3197
BOBJ1	80	224.	Before	LC_Wearing Surface Load	1.066E-14	-1.3197
BOBJ1	81	224.	After	LC_Wearing Surface Load	1.066E-14	-1.3197
BOBJ1	82	232.	Before	LC_Wearing Surface Load	1.066E-14	-1.3197
BOBJ1	83	232.	After	LC_Wearing Surface Load	1.066E-14	-1.3197
BOBJ1	84	240.	Before	LC_Wearing Surface Load	1.066E-14	-1.3197

10. Material take-off

This section provides a material take-off.

Table 37: Material List 2 - By Section Property

Table 37: Material List 2 - By Section Property

Section	ObjectType	NumPieces	TotalLength	TotalWeight
			ft	Lb
Bent Cap	Frame	4	240.	576000.
Column Section	Frame	12	276.	662400.
C15x33.9	Frame	28	224.	7591.73
Int Diaphragm Section	Frame	84	672.	36173.92
FSEC1	Frame	40	220.	20946.44
FSEC3	Frame	144	1044.0001	92557.37
FSEC4	Frame	32	89.4498	1141.42
FSEC5	Frame	96	269.01	5492.29

Table 37: Material List 2 - By Section Property

Section	ObjectType	NumPieces	TotalLength	TotalWeight
			ft	Lb
FSEC6	Frame	16	104.	13621.08
FSEC7	Frame	168	1152.	51873.36
FSEC8	Frame	48	264.	26033.7
FSEC9	Frame	8	60.	8572.4
FSEC10	Frame	48	240.	22237.83
FSEC11	Frame	8	48.	6215.21
FSEC12	Frame	96	708.	57415.26
ASEC1	Area			1226632.03
ASEC2	Area			174175.9
BFIXSS-1	Link	32		0.
Vertical only-2	Link	8		0.
BBRG1-2	Link	24		0.



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CSiBridge Analysis and Design Report

Prepared by

Gresham Smith

Model Name: 19SR0060015_App_Span7-11.bdb

16 June 2020

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1. Model geometry

This section provides model geometry information, including items such as the layout line and lane definitions.

1.1. Layout Line

Table 1: Bridge Layout Line 2 - Horizontal Layout Data, Part 1 of 2

Table 1: Bridge Layout Line 2 - Horizontal Layout Data, Part 1 of 2

LayoutLine	SegType	Station	Radius	Bearing	CoordSys	X
		ft	ft			ft
Bridge Layout	Initial Station and Bearing	0.		N900000E	GLOBAL	0.
Bridge Layout	Straight at Previous Bearing to End	320.			GLOBAL	320.

Table 1: Bridge Layout Line 2 - Horizontal Layout Data, Part 2 of 2

Table 1: Bridge Layout Line 2 - Horizontal Layout Data, Part 2 of 2

LayoutLine	Y	GlobalX	GlobalY
	ft	ft	ft
Bridge Layout	0.	0.	0.
Bridge Layout	0.	320.	0.

Table 2: Bridge Layout Line 3 - Vertical Layout Data

Table 2: Bridge Layout Line 3 - Vertical Layout Data

LayoutLine	SegType	Station	Grade	CoordSys	Z	GlobalZ
		ft	Percent		ft	ft
Bridge Layout	Initial Station, Elevation Z and Grade	0.	0.	GLOBAL	0.	0.
Bridge Layout	Constant at Previous Grade to End	320.	0.	GLOBAL	0.	0.

1.2. Lanes

Table 3: Lane Definition Data, Part 1 of 2

Table 3: Lane Definition Data, Part 1 of 2

Lane	LaneFrom	LayoutLine	Station	LaneType	Width	Offset	Radius	LoadGroup
			ft		ft	ft	ft	
LANE1	Layout Line	Bridge Layout	0.	Fixed Lane	10.	20.	0.	Default
LANE1	Layout Line	Bridge Layout	320.		10.	20.	0.	Default
LANE2	Layout Line	Bridge Layout	0.	Fixed Lane	10.	10.	0.	Default

Table 3: Lane Definition Data, Part 1 of 2

Lane	LaneFrom	LayoutLine	Station	LaneType	Width	Offset	Radius	LoadGroup
			ft		ft	ft	ft	
LANE2	Layout Line	Bridge Layout	320.		10.	10.	0.	Default
LANE3	Layout Line	Bridge Layout	0.	Fixed Lane	10.	0.	0.	Default
LANE3	Layout Line	Bridge Layout	320.		10.	0.	0.	Default
LANE4	Layout Line	Bridge Layout	0.	Fixed Lane	10.	-10.	0.	Default
LANE4	Layout Line	Bridge Layout	320.		10.	-10.	0.	Default
LANE5	Layout Line	Bridge Layout	0.	Fixed Lane	10.	-20.	0.	Default
LANE5	Layout Line	Bridge Layout	320.		10.	-20.	0.	Default

Table 3: Lane Definition Data, Part 2 of 2

Table 3: Lane Definition Data, Part 2 of 2

Lane	DiscAlong	DiscAcross	DiscSpan	DiscLane	LeftType	RightType	Color	Notes
	ft	ft						
LANE1	10.	10.	No	No	Interior	Interior	Magenta	
LANE1								
LANE2	10.	10.	No	No	Interior	Interior	Gray8Dark	
LANE2								
LANE3	10.	10.	No	No	Interior	Interior	Blue	
LANE3								
LANE4	10.	10.	No	No	Interior	Interior	Red	
LANE4								
LANE5	10.	10.	No	No	Interior	Interior	Magenta	
LANE5								

1.3. Spans

Table 4: Bridge Object Definitions 03 - Spans 1 - General

Table 4: Bridge Object Definitions 03 - Spans 1 - General

BridgeObj	SpanName	BridgeSect	Variation
BOBJ1	Span 7	Span 7	No
BOBJ1	Span 8	Span 8	No
BOBJ1	Span 9	Span 9	No
BOBJ1	Span 10	Span 10	No
BOBJ1	Span 11	Span 11	No

1.4. Bridge Sections

Table 5: Bridge Section Definitions 05 - Steel I Girders 1 - General, Part 1 of 4

Table 5: Bridge Section Definitions 05 - Steel I Girders 1 - General, Part 1 of 4

Section	Material	NumIntGird	TotalWidth	GirdLayout	DiffSpacing	DiffHaunch	DiffSection
			ft				
Span 10	3000Psi	6	58.5	Along Layout Line	No	No	Yes
Span 11	3000Psi	6	58.5	Along Layout Line	No	No	Yes
Span 7	3000Psi	6	58.5	Along Layout Line	No	No	Yes
Span 8	3000Psi	6	58.5	Along Layout Line	No	No	Yes
Span 9	3000Psi	6	58.5	Along Layout Line	No	No	Yes

Table 5: Bridge Section Definitions 05 - Steel I Girders 1 - General, Part 2 of 4

Table 5: Bridge Section Definitions 05 - Steel I Girders 1 - General, Part 2 of 4

Section	TopSlabThk	HaunchHSame	GirdAreaObj	WebMesh	LOLength	LOFillDist	LOOuterThk	ROLength
	ft	ft		ft	ft	ft	ft	ft
Span 10	0.58333	0.25	Mixed	3.	1.25	1.25	0.54167	1.25
Span 11	0.58333	0.25	Mixed	3.	1.25	1.25	0.54167	1.25
Span 7	0.58333	0.25	Mixed	3.	1.25	1.25	0.54167	1.25
Span 8	0.58333	0.25	Mixed	3.	1.25	1.25	0.54167	1.25
Span 9	0.58333	0.25	Mixed	3.	1.25	1.25	0.54167	1.25

Table 5: Bridge Section Definitions 05 - Steel I Girders 1 - General, Part 3 of 4

Table 5: Bridge Section Definitions 05 - Steel I Girders 1 - General, Part 3 of 4

Section	ROFillDist	ROOuterThk	FHoriz1	FHoriz2	CurbLoc	CurbLeft	CurbRight
	ft	ft	ft	ft		ft	ft
Span 10	1.25	0.54167	0.	0.	User Defined	1.25	1.25
Span 11	1.25	0.54167	0.	0.	User Defined	1.25	1.25
Span 7	1.25	0.54167	0.	0.	User Defined	1.25	1.25
Span 8	1.25	0.54167	0.	0.	User Defined	1.25	1.25
Span 9	1.25	0.54167	0.	0.	User Defined	1.25	1.25

Table 5: Bridge Section Definitions 05 - Steel I Girders 1 - General, Part 4 of 4

Table 5: Bridge Section Definitions 05 - Steel I Girders 1 - General, Part 4 of 4

Section	CurbMedian	CurbMWidth	RefPtOffX	RefPtOffY
	ft	ft	ft	ft
Span 10	0.	0.	0.	0.
Span 11	0.	0.	0.	0.
Span 7	0.	0.	0.	0.
Span 8	0.	0.	0.	0.
Span 9	0.	0.	0.	0.

Table 6: Bridge Section Definitions 08 - Steel I Girders 4 - Sections

Table 6: Bridge Section Definitions 08 - Steel I Girders 4 - Sections

Section	GirderNum	GirderSect
Span 10	1	Span 10_ext Girder

Table 6: Bridge Section Definitions 08 - Steel I Girders 4 - Sections

Section	GirderNum	GirderSect
Span 10	2	Span 10_int Girder
Span 10	3	Span 10_int Girder
Span 10	4	Span 10_int Girder
Span 10	5	Span 10_int Girder
Span 10	6	Span 10_int Girder
Span 10	7	Span 10_int Girder
Span 10	8	Span 10_ext Girder
Span 11	1	Span 11_ext Girder
Span 11	2	Span 11_int Girder
Span 11	3	Span 11_int Girder
Span 11	4	Span 11_int Girder
Span 11	5	Span 11_int Girder
Span 11	6	Span 11_int Girder
Span 11	7	Span 11_int Girder
Span 11	8	Span 11_ext Girder
Span 7	1	Span 7_ext Girder
Span 7	2	Span 7_int Girder
Span 7	3	Span 7_int Girder
Span 7	4	Span 7_int Girder
Span 7	5	Span 7_int Girder
Span 7	6	Span 7_int Girder
Span 7	7	Span 7_int Girder
Span 7	8	Span 7_ext Girder
Span 8	1	Span 8_ext Girder
Span 8	2	Span 8_int Girder
Span 8	3	Span 8_int Girder
Span 8	4	Span 8_int Girder
Span 8	5	Span 8_int Girder
Span 8	6	Span 8_int Girder

Table 6: Bridge Section Definitions 08 - Steel I Girders 4 - Sections

Section	GirderNum	GirderSect
Span 8	7	Span 8_int Girder
Span 8	8	Span 8_ext Girder
Span 9	1	Span 9_ext Girder
Span 9	2	Span 9_int Girder
Span 9	3	Span 9_int Girder
Span 9	4	Span 9_int Girder
Span 9	5	Span 9_int Girder
Span 9	6	Span 9_int Girder
Span 9	7	Span 9_int Girder
Span 9	8	Span 9_ext Girder

1.5. Abutments

Table 7: Bridge Abutment Definitions

Table 7: Bridge Abutment Definitions

Abutment	GirderSup	SubType	FSProp
BABT1	Bottom	Spring	Fixed

Table 8: Bridge Object Definitions 06 - Abutments, Part 1 of 2

Table 8: Bridge Object Definitions 06 - Abutments, Part 1 of 2

BridgeObj	Location	SupportName	BearingDir	DiaphProp	SubType	BentProp	SubElev	HorizOff
							ft	ft
BOBJ1	Start	Start Abutment	Default	End diaphragm	Bent	Int. Bent	-4.	0.
BOBJ1	End	End Abutment	Default	End diaphragm	Bent	Int. Bent	-4.	0.

Table 8: Bridge Object Definitions 06 - Abutments, Part 2 of 2

Table 8: Bridge Object Definitions 06 - Abutments, Part 2 of 2

BridgeObj	Location	SupportName	BearProp	BearResProp	BearElev	BearAngle
					ft	Degrees
BOBJ1	Start	Start Abutment	Vertical only	None	-4.	0.

Table 8: Bridge Object Definitions 06 - Abutments, Part 2 of 2

BridgeObj	Location	SupportName	BearProp	BearResProp	BearElev	BearAngle
					ft	Degrees
BOBJ1	End	End Abutment	Vertical only	None	-4.	0.

1.6. Bents

Table 9: Bridge Bent Definitions 1 - General

Table 9: Bridge Bent Definitions 1 - General

Bent	BeamLength	BeamSect	Type	GirderSup1	NumCols
	ft				
Int. Bent	60.	Bent Cap	Single	Bottom	3

Table 10: Bridge Bent Definitions 2 - Column Data, Part 1 of 2

Table 10: Bridge Bent Definitions 2 - Column Data, Part 1 of 2

Bent	ColNum	Section	Distance	Height	Angle	ColSupport	RHLong	RHTrans
			ft	ft	Degrees			
Int. Bent	1	Column Section	2.	25.	0.	Fixed	1.	1.
Int. Bent	2	Column Section	30.	25.	0.	Fixed	1.	1.
Int. Bent	3	Column Section	58.	25.	0.	Fixed	1.	1.

Table 10: Bridge Bent Definitions 2 - Column Data, Part 2 of 2

Table 10: Bridge Bent Definitions 2 - Column Data, Part 2 of 2

Bent	ColNum	Section	ColSupport	HingeTop	HingeBot	R1Release	R2Release	R3Release
Int. Bent	1	Column Section	Fixed	None	None	Fixed	Fixed	Fixed
Int. Bent	2	Column Section	Fixed	None	None	Fixed	Fixed	Fixed
Int. Bent	3	Column Section	Fixed	None	None	Fixed	Fixed	Fixed

Table 11: Bridge Object Definitions 07 - Bents, Part 1 of 2

Table 11: Bridge Object Definitions 07 - Bents, Part 1 of 2

BridgeObj	SpanName	BentProp	Continuous	SupportName	BearingDir	BentElev	HorizOff	DiaphBefore
						ft	ft	
BOBJ1	Span 7	Int. Bent	Yes	Span 7	Default	-4.	0.	End diaphragm
BOBJ1	Span 8	Int. Bent	Yes	Span 8	Default	-4.	0.	End diaphragm

Table 11: Bridge Object Definitions 07 - Bents, Part 1 of 2

BridgeObj	SpanName	BentProp	Continuous	SupportName	BearingDir	BentElev	HorizOff	DiaphBefore
						ft	ft	
BOBJ1	Span 9	Int. Bent	Yes	Span 9	Default	-4.	0.	End diaphragm
BOBJ1	Span 10	Int. Bent	Yes	Span 10	Default	-4.	0.	End diaphragm

Table 11: Bridge Object Definitions 07 - Bents, Part 2 of 2

Table 11: Bridge Object Definitions 07 - Bents, Part 2 of 2

BridgeObj	SpanName	SupportName	MeshAtBent	BearProp1	BrResProp1	BearElev1	BearAngle1
						ft	Degrees
BOBJ1	Span 7	Span 7	Yes	BBRG1	None	-4.	0.
BOBJ1	Span 8	Span 8	Yes	BBRG1	None	-4.	0.
BOBJ1	Span 9	Span 9	Yes	BBRG1	None	-4.	0.
BOBJ1	Span 10	Span 10	Yes	BBRG1	None	-4.	0.

1.7. Diaphragms

Table 12: Bridge Diaphragm Definitions, Part 1 of 2

Table 12: Bridge Diaphragm Definitions, Part 1 of 2

Diaph	DiaphType	IncConnPlat	Beam	BeamDist	MixedBeam	MatCnPlat	WidthCnPlat	ThickCnPlat
				ft			ft	ft
End diaphragm	Single Beam	Yes	C15x33.9	1.	No	Grade 33	0.41667	0.03125
Int diaphragm	Single Beam	Yes	Int Diaphragm Section	0.	No	Grade 33	0.66667	0.03125

Table 12: Bridge Diaphragm Definitions, Part 2 of 2

Table 12: Bridge Diaphragm Definitions, Part 2 of 2

Diaph	BothSideWeb
End diaphragm	Yes
Int diaphragm	Yes

1.8. Bearings

Table 13: Bridge Bearing Definitions

Table 13: Bridge Bearing Definitions

Bearing	Type	U1Type	U2Type	U3Type	R1Type	R2Type	R3Type
BBRG1	User	Fixed	Fixed	Fixed	Free	Free	Free
BBRG2	User	Fixed	Free	Free	Free	Free	Free
BBRG9	User	Fixed	Free	Fixed	Free	Free	Free
Fixed	User	Fixed	Fixed	Fixed	Fixed	Fixed	Fixed
Vertical only	User	Fixed	Free	Free	Free	Free	Free

Table 14: Bridge Model Summary 01 - Bearing Supports

Table 14: Bridge Model Summary 01 - Bearing Supports

BridgeObj	SpanName	Station	Type	Bearing	BearProp	BearElev	BearAngle
		ft				ft	Degrees
BOBJ1	Start Abutment	0.	Bent	1	Vertical only	-4.	0.
BOBJ1	Start Abutment	0.	Bent	2	Vertical only	-4.	0.
BOBJ1	Start Abutment	0.	Bent	3	Vertical only	-4.	0.
BOBJ1	Start Abutment	0.	Bent	4	Vertical only	-4.	0.
BOBJ1	Start Abutment	0.	Bent	5	Vertical only	-4.	0.
BOBJ1	Start Abutment	0.	Bent	6	Vertical only	-4.	0.
BOBJ1	Start Abutment	0.	Bent	7	Vertical only	-4.	0.
BOBJ1	Start Abutment	0.	Bent	8	Vertical only	-4.	0.
BOBJ1	Span 7	56.42	Bent	1	BBRG1	-4.	0.
BOBJ1	Span 7	56.42	Bent	2	BBRG1	-4.	0.
BOBJ1	Span 7	56.42	Bent	3	BBRG1	-4.	0.
BOBJ1	Span 7	56.42	Bent	4	BBRG1	-4.	0.
BOBJ1	Span 7	56.42	Bent	5	BBRG1	-4.	0.
BOBJ1	Span 7	56.42	Bent	6	BBRG1	-4.	0.
BOBJ1	Span 7	56.42	Bent	7	BBRG1	-4.	0.
BOBJ1	Span 7	56.42	Bent	8	BBRG1	-4.	0.
BOBJ1	Span 8	123.84	Bent	1	BBRG1	-4.	0.
BOBJ1	Span 8	123.84	Bent	2	BBRG1	-4.	0.
BOBJ1	Span 8	123.84	Bent	3	BBRG1	-4.	0.
BOBJ1	Span 8	123.84	Bent	4	BBRG1	-4.	0.
BOBJ1	Span 8	123.84	Bent	5	BBRG1	-4.	0.
BOBJ1	Span 8	123.84	Bent	6	BBRG1	-4.	0.
BOBJ1	Span 8	123.84	Bent	7	BBRG1	-4.	0.
BOBJ1	Span 8	123.84	Bent	8	BBRG1	-4.	0.
BOBJ1	Span 9	191.26	Bent	1	BBRG1	-4.	0.
BOBJ1	Span 9	191.26	Bent	2	BBRG1	-4.	0.
BOBJ1	Span 9	191.26	Bent	3	BBRG1	-4.	0.
BOBJ1	Span 9	191.26	Bent	4	BBRG1	-4.	0.
BOBJ1	Span 9	191.26	Bent	5	BBRG1	-4.	0.
BOBJ1	Span 9	191.26	Bent	6	BBRG1	-4.	0.
BOBJ1	Span 9	191.26	Bent	7	BBRG1	-4.	0.
BOBJ1	Span 9	191.26	Bent	8	BBRG1	-4.	0.
BOBJ1	Span 10	258.68	Bent	1	BBRG1	-4.	0.

Table 14: Bridge Model Summary 01 - Bearing Supports

BridgeObj	SpanName	Station	Type	Bearing	BearProp	BearElev	BearAngle
		ft				ft	Degrees
BOBJ1	Span 10	258.68	Bent	2	BBRG1	-4.	0.
BOBJ1	Span 10	258.68	Bent	3	BBRG1	-4.	0.
BOBJ1	Span 10	258.68	Bent	4	BBRG1	-4.	0.
BOBJ1	Span 10	258.68	Bent	5	BBRG1	-4.	0.
BOBJ1	Span 10	258.68	Bent	6	BBRG1	-4.	0.
BOBJ1	Span 10	258.68	Bent	7	BBRG1	-4.	0.
BOBJ1	Span 10	258.68	Bent	8	BBRG1	-4.	0.
BOBJ1	Span 11	315.1	Bent	1	Vertical only	-4.	0.
BOBJ1	Span 11	315.1	Bent	2	Vertical only	-4.	0.
BOBJ1	Span 11	315.1	Bent	3	Vertical only	-4.	0.
BOBJ1	Span 11	315.1	Bent	4	Vertical only	-4.	0.
BOBJ1	Span 11	315.1	Bent	5	Vertical only	-4.	0.
BOBJ1	Span 11	315.1	Bent	6	Vertical only	-4.	0.
BOBJ1	Span 11	315.1	Bent	7	Vertical only	-4.	0.
BOBJ1	Span 11	315.1	Bent	8	Vertical only	-4.	0.

2. Material properties

This section provides material property information for materials used in the model.

Table 15: Material Properties 02 - Basic Mechanical Properties

Table 15: Material Properties 02 - Basic Mechanical Properties

Material	UnitWeight	UnitMass	E1	G12	U12	A1
	Kip/ft3	Kip-s2/ft4	Kip/ft2	Kip/ft2		1/F
3000Psi	1.5000E-01	4.6621E-03	449570.68	187321.12	0.2	5.5000E-06
4000Psi	1.5000E-01	4.6621E-03	519119.5	216299.79	0.2	5.5000E-06
A36	4.9000E-01	1.5230E-02	4176000.	1606153.85	0.3	6.5000E-06
A416Gr270	4.9000E-01	1.5230E-02	4104000.			6.5000E-06
A615Gr60	4.9000E-01	1.5230E-02	4176000.			6.5000E-06
A709Gr50	4.9000E-01	1.5230E-02	4176000.	1606153.85	0.3	6.5000E-06
Grade 33	4.9000E-01	1.5230E-02	4176000.	1606153.85	0.3	6.5000E-06

Table 16: Material Properties 03a - Steel Data

Table 16: Material Properties 03a - Steel Data

Material	Fy	Fu	FinalSlope
	Kip/ft2	Kip/ft2	
A36	5184.	8352.	-0.1
A709Gr50	7200.	9360.	-0.1
Grade 33	4752.	7488.	-0.1

Table 17: Material Properties 03b - Concrete Data

Table 17: Material Properties 03b - Concrete Data

Material	Fc	eFc	FinalSlope
	Kip/ft2	Kip/ft2	
3000Psi	432.	432.	-0.1
4000Psi	576.	576.	-0.1

Table 18: Material Properties 03e - Rebar Data

Table 18: Material Properties 03e - Rebar Data

Material	Fy	Fu	FinalSlope
	Kip/ft2	Kip/ft2	
A615Gr60	8640.	12960.	-0.1

Table 19: Material Properties 03f - Tendon Data

Table 19: Material Properties 03f - Tendon Data

Material	Fy	Fu	FinalSlope
	Kip/ft2	Kip/ft2	
A416Gr270	35294.4	38880.	-0.1

3. Section properties

This section provides section property information for objects used in the model.

3.1. Frames

Table 20: Frame Section Properties 01 - General, Part 1 of 5

Table 20: Frame Section Properties 01 - General, Part 1 of 5

SectionName	Material	Shape	t3	t2	tf	tw	t2b	tfb
			ft	ft	ft	ft	ft	ft
Bent Cap	3000Psi	Rectangular	4.	4.				
BRD1	3000Psi	Bridge Section						
BRD10	3000Psi	Bridge Section						
BRD11	3000Psi	Bridge Section						
BRD12	3000Psi	Bridge Section						
BRD13	3000Psi	Bridge Section						
BRD14	3000Psi	Bridge Section						
BRD15	3000Psi	Bridge Section						
BRD16	3000Psi	Bridge Section						
BRD17	3000Psi	Bridge Section						
BRD18	3000Psi	Bridge Section						
BRD19	3000Psi	Bridge Section						
BRD2	3000Psi	Bridge Section						
BRD20	3000Psi	Bridge Section						
BRD21	3000Psi	Bridge Section						
BRD22	3000Psi	Bridge Section						
BRD23	3000Psi	Bridge Section						

Table 20: Frame Section Properties 01 - General, Part 1 of 5

SectionName	Material	Shape	t3	t2	tf	tw	t2b	tfb
			ft	ft	ft	ft	ft	ft
BRD24	3000Psi	Bridge Section						
BRD25	3000Psi	Bridge Section						
BRD26	3000Psi	Bridge Section						
BRD27	3000Psi	Bridge Section						
BRD28	3000Psi	Bridge Section						
BRD29	3000Psi	Bridge Section						
BRD3	3000Psi	Bridge Section						
BRD30	3000Psi	Bridge Section						
BRD31	3000Psi	Bridge Section						
BRD32	3000Psi	Bridge Section						
BRD33	3000Psi	Bridge Section						
BRD34	3000Psi	Bridge Section						
BRD35	3000Psi	Bridge Section						
BRD36	3000Psi	Bridge Section						
BRD37	3000Psi	Bridge Section						
BRD38	3000Psi	Bridge Section						
BRD39	3000Psi	Bridge Section						
BRD4	3000Psi	Bridge Section						
BRD40	3000Psi	Bridge Section						
BRD41	3000Psi	Bridge Section						
BRD42	3000Psi	Bridge Section						
BRD43	3000Psi	Bridge Section						
BRD44	3000Psi	Bridge Section						
BRD45	3000Psi	Bridge Section						
BRD46	3000Psi	Bridge Section						
BRD47	3000Psi	Bridge Section						
BRD48	3000Psi	Bridge Section						
BRD49	3000Psi	Bridge Section						
BRD5	3000Psi	Bridge Section						
BRD50	3000Psi	Bridge Section						
BRD51	3000Psi	Bridge Section						
BRD52	3000Psi	Bridge Section						
BRD53	3000Psi	Bridge Section						
BRD54	3000Psi	Bridge Section						
BRD55	3000Psi	Bridge Section						
BRD56	3000Psi	Bridge Section						
BRD57	3000Psi	Bridge Section						
BRD58	3000Psi	Bridge Section						
BRD59	3000Psi	Bridge Section						
BRD6	3000Psi	Bridge Section						
BRD60	3000Psi	Bridge Section						
BRD61	3000Psi	Bridge Section						
BRD62	3000Psi	Bridge Section						
BRD63	3000Psi	Bridge Section						
BRD64	3000Psi	Bridge Section						
BRD65	3000Psi	Bridge Section						
BRD66	3000Psi	Bridge Section						
BRD67	3000Psi	Bridge Section						
BRD68	3000Psi	Bridge Section						
BRD69	3000Psi	Bridge Section						
BRD7	3000Psi	Bridge Section						
BRD70	3000Psi	Bridge Section						
BRD71	3000Psi	Bridge Section						
BRD72	3000Psi	Bridge Section						

Table 20: Frame Section Properties 01 - General, Part 1 of 5

SectionName	Material	Shape	t3	t2	tf	tw	t2b	tfb
			ft	ft	ft	ft	ft	ft
BRD8	3000Psi	Bridge Section						
BRD9	3000Psi	Bridge Section						
C15x33.9	Grade 33	Channel	1.25	0.28333	0.05417	0.03333		
Column Section	3000Psi	Rectangular	4.	4.				
FSEC1	Grade 33	Rectangular	0.09833	1.00625				
FSEC10	Grade 33	Rectangular	0.11975	1.				
FSEC2	A709Gr50	I/Wide Flange	2.00833	0.75167	0.06417	0.03917	0.75167	0.06417
FSEC3	Grade 33	Rectangular	0.09167	1.0025				
FSEC4	Grade 33	Rectangular	0.83333	0.03125				
FSEC5	Grade 33	Rectangular	1.33333	0.03125				
FSEC6	Grade 33	Rectangular	0.14733	1.16667				
FSEC7	Grade 33	Rectangular	0.11242	1.0025				
FSEC8	Grade 33	Rectangular	0.085	1.				
FSEC9	Grade 33	Rectangular	0.14575	1.16667				
Int Diaphragm Section	Grade 33	I/Wide Flange	2.54167	0.61458	0.02608	0.03125	0.61458	0.02608
Span 10_ext Girder		Nonprismatic						
Span 10_int Girder		Nonprismatic						
Span 11_ext Girder		Nonprismatic						
Span 11_int Girder		Nonprismatic						
Span 7_ext Girder		Nonprismatic						
Span 7_int Girder		Nonprismatic						
Span 8_ext Girder		Nonprismatic						
Span 8_int Girder		Nonprismatic						
Span 9_ext Girder		Nonprismatic						
Span 9_int Girder		Nonprismatic						
W36x160	Grade 33	I/Wide Flange	3.00083	1.	0.085	0.05417	1.	0.085
W36x160 + CP 10x1/2	Grade 33	I/Wide Flange	3.05692	1.	0.11975	0.05417	1.	0.11975
W36x160 + CP14x7/8	Grade 33	I/Wide Flange	3.12242	1.16667	0.14575	0.05417	1.16667	0.14575
W36x170	Grade 33	I/Wide Flange	3.01417	1.0025	0.09167	0.05667	1.0025	0.09167
W36x170 + CP 14x1	Grade 33	I/Wide Flange	3.155	1.16667	0.16208	0.05667	1.16667	0.16208
W36x170 + CP 14x1.125	Grade 33	I/Wide Flange	3.17583	1.16667	0.1725	0.05667	1.16667	0.1725
W36x170 + CP 8x3/8	Grade 33	I/Wide Flange	3.05575	1.0025	0.11242	0.05667	1.0025	0.11242
W36x182	Grade 33	I/Wide Flange	3.0275	1.00625	0.09833	0.06042	1.00625	0.09833
W36x182 + CP14x3/4	Grade 33	I/Wide Flange	3.12542	1.16667	0.14733	0.06042	1.16667	0.14733
W36x260	Grade 33	I/Wide Flange	3.02167	1.37917	0.12	0.07	1.37917	0.12
W36x280	Grade 33	I/Wide Flange	3.04333	1.38292	0.13083	0.07375	1.38292	0.13083
W36x280 + CP 12x1	Grade 33	I/Wide Flange	3.13467	1.38292	0.19108	0.07375	1.38292	0.19108
W36x300	Grade 33	I/Wide Flange	3.06167	1.38792	0.14	0.07875	1.38792	0.14
W36x300 + CP 10x7/16	Grade 33	I/Wide Flange	3.11933	1.38792	0.19258	0.07875	1.38792	0.19258

Table 20: Frame Section Properties 01 - General, Part 1 of 5

SectionName	Material	Shape	t3	t2	tf	tw	t2b	tfb
			ft	ft	ft	ft	ft	ft
W36x300 + CP 14x1	Grade 33	I/Wide Flange	3.15425	1.38792	0.21008	0.07875	1.38792	0.21008

Table 20: Frame Section Properties 01 - General, Part 2 of 5

Table 20: Frame Section Properties 01 - General, Part 2 of 5

SectionName	Area	TorsConst	I33	I22	I23	AS2	AS3
	ft2	ft4	ft4	ft4	ft4	ft2	ft2
Bent Cap	16.	36.053333	21.333333	21.333333	0.	13.3333	13.3333
BRD1	61.4201	5.130122	95.678022	19104.70191	0.	17.1614	32.8088
BRD10	61.4201	5.130122	95.678022	19104.70191	0.	17.1614	32.8088
BRD11	61.4201	5.130122	95.678022	19104.70191	0.	17.1614	32.8088
BRD12	66.2586	5.323612	113.089876	21588.07769	0.	17.2308	33.4405
BRD13	66.2586	5.323612	113.089876	21588.07769	0.	17.2308	33.4405
BRD14	61.4201	5.130122	95.678022	19104.70191	0.	17.1614	32.8088
BRD15	61.4201	5.130122	95.678022	19104.70191	0.	17.1614	32.8088
BRD16	59.4724	5.090568	89.687228	18249.93102	0.	16.1839	32.5962
BRD17	59.4724	5.090568	89.687228	18249.93102	0.	16.1839	32.5962
BRD18	59.4724	5.090568	89.687228	18249.93102	0.	16.1839	32.5962
BRD19	59.4724	5.090568	89.687228	18249.93102	0.	16.1839	32.5962
BRD2	61.4201	5.130122	95.678022	19104.70191	0.	17.1614	32.8088
BRD20	59.4724	5.090568	89.687228	18249.93102	0.	16.1839	32.5962
BRD21	59.4724	5.090568	89.687228	18249.93102	0.	16.1839	32.5962
BRD22	59.4724	5.090568	89.687228	18249.93102	0.	16.1839	32.5962
BRD23	59.4724	5.090568	89.687228	18249.93102	0.	16.1839	32.5962
BRD24	59.4724	5.090568	89.687228	18249.93102	0.	16.1839	32.5962
BRD25	59.4724	5.090568	89.687228	18249.93102	0.	16.1839	32.5962
BRD26	59.4724	5.090568	89.687228	18249.93102	0.	16.1839	32.5962
BRD27	59.4724	5.090568	89.687228	18249.93102	0.	16.1839	32.5962
BRD28	66.17	5.331893	113.581657	21336.5613	0.	16.2186	33.3654
BRD29	66.17	5.331893	113.581657	21336.5613	0.	16.2186	33.3654
BRD3	61.4201	5.130122	95.678022	19104.70191	0.	17.1614	32.8088
BRD30	59.4724	5.090568	89.687228	18249.93102	0.	16.1839	32.5962

Table 20: Frame Section Properties 01 - General, Part 2 of 5

SectionName	Area	TorsConst	I33	I22	I23	AS2	AS3
	ft2	ft4	ft4	ft4	ft4	ft2	ft2
BRD31	59.4724	5.090568	89.687228	18249.93102	0.	16.1839	32.5962
BRD32	59.4724	5.090568	89.687228	18249.93102	0.	16.1839	32.5962
BRD33	59.4724	5.090568	89.687228	18249.93102	0.	16.1839	32.5962
BRD34	59.4724	5.090568	89.687228	18249.93102	0.	16.1839	32.5962
BRD35	59.4724	5.090568	89.687228	18249.93102	0.	16.1839	32.5962
BRD36	59.4724	5.090568	89.687228	18249.93102	0.	16.1839	32.5962
BRD37	59.4724	5.090568	89.687228	18249.93102	0.	16.1839	32.5962
BRD38	59.4724	5.090568	89.687228	18249.93102	0.	16.1839	32.5962
BRD39	59.4724	5.090568	89.687228	18249.93102	0.	16.1839	32.5962
BRD4	61.4201	5.130122	95.678022	19104.70191	0.	17.1614	32.8088
BRD40	59.4724	5.090568	89.687228	18249.93102	0.	16.1839	32.5962
BRD41	59.4724	5.090568	89.687228	18249.93102	0.	16.1839	32.5962
BRD42	59.4724	5.090568	89.687228	18249.93102	0.	16.1839	32.5962
BRD43	59.4724	5.090568	89.687228	18249.93102	0.	16.1839	32.5962
BRD44	66.17	5.331893	113.581657	21336.5613	0.	16.2186	33.3654
BRD45	66.17	5.331893	113.581657	21336.5613	0.	16.2186	33.3654
BRD46	59.4724	5.090568	89.687228	18249.93102	0.	16.1839	32.5962
BRD47	59.4724	5.090568	89.687228	18249.93102	0.	16.1839	32.5962
BRD48	59.4724	5.090568	89.687228	18249.93102	0.	16.1839	32.5962
BRD49	59.4724	5.090568	89.687228	18249.93102	0.	16.1839	32.5962
BRD5	61.4201	5.130122	95.678022	19104.70191	0.	17.1614	32.8088
BRD50	59.4724	5.090568	89.687228	18249.93102	0.	16.1839	32.5962
BRD51	59.4724	5.090568	89.687228	18249.93102	0.	16.1839	32.5962
BRD52	59.4724	5.090568	89.687228	18249.93102	0.	16.1839	32.5962
BRD53	59.4724	5.090568	89.687228	18249.93102	0.	16.1839	32.5962
BRD54	59.4724	5.090568	89.687228	18249.93102	0.	16.1839	32.5962
BRD55	59.4724	5.090568	89.687228	18249.93102	0.	16.1839	32.5962
BRD56	59.4724	5.090568	89.687228	18249.93102	0.	16.1839	32.5962
BRD57	59.4724	5.090568	89.687228	18249.93102	0.	16.1839	32.5962
BRD58	61.4201	5.130122	95.678022	19104.70191	0.	17.1614	32.8088

Table 20: Frame Section Properties 01 - General, Part 2 of 5

SectionName	Area	TorsConst	I33	I22	I23	AS2	AS3
	ft2	ft4	ft4	ft4	ft4	ft2	ft2
BRD59	61.4201	5.130122	95.678022	19104.70191	0.	17.1614	32.8088
BRD6	61.4201	5.130122	95.678022	19104.70191	0.	17.1614	32.8088
BRD60	66.2586	5.323612	113.089876	21588.07769	0.	17.2308	33.4405
BRD61	66.2586	5.323612	113.089876	21588.07769	0.	17.2308	33.4405
BRD62	61.4201	5.130122	95.678022	19104.70191	0.	17.1614	32.8088
BRD63	61.4201	5.130122	95.678022	19104.70191	0.	17.1614	32.8088
BRD64	61.4201	5.130122	95.678022	19104.70191	0.	17.1614	32.8088
BRD65	61.4201	5.130122	95.678022	19104.70191	0.	17.1614	32.8088
BRD66	61.4201	5.130122	95.678022	19104.70191	0.	17.1614	32.8088
BRD67	61.4201	5.130122	95.678022	19104.70191	0.	17.1614	32.8088
BRD68	61.4201	5.130122	95.678022	19104.70191	0.	17.1614	32.8088
BRD69	61.4201	5.130122	95.678022	19104.70191	0.	17.1614	32.8088
BRD7	61.4201	5.130122	95.678022	19104.70191	0.	17.1614	32.8088
BRD70	61.4201	5.130122	95.678022	19104.70191	0.	17.1614	32.8088
BRD71	61.4201	5.130122	95.678022	19104.70191	0.	17.1614	32.8088
BRD72	61.4201	5.130122	95.678022	19104.70191	0.	17.1614	32.8088
BRD8	61.4201	5.130122	95.678022	19104.70191	0.	17.1614	32.8088
BRD9	61.4201	5.130122	95.678022	19104.70191	0.	17.1614	32.8088
C15x33.9	0.0692	0.000049	0.015191	0.000392	0.	0.0417	0.0307
Column Section	16.	36.053333	21.333333	21.333333	0.	13.3333	13.3333
FSEC1	0.0989	0.000299	0.00008	0.008349	0.	0.0825	0.0825
FSEC10	0.1198	0.000529	0.000143	0.009979	0.	0.0998	0.0998
FSEC2	0.1715	0.000178	0.114294	0.004552	0.	0.0787	0.0804
FSEC3	0.0919	0.000243	0.000064	0.007696	0.	0.0766	0.0766
FSEC4	0.026	8.277E-06	0.001507	2.119E-06	0.	0.0217	0.0217
FSEC5	0.0417	0.000013	0.006173	3.391E-06	0.	0.0347	0.0347
FSEC6	0.1719	0.001145	0.000311	0.019497	0.	0.1432	0.1432
FSEC7	0.1127	0.000441	0.000119	0.009438	0.	0.0939	0.0939
FSEC8	0.085	0.000194	0.000051	0.007083	0.	0.0708	0.0708
FSEC9	0.17	0.001109	0.000301	0.019287	0.	0.1417	0.1417
Int Diaphragm Section	0.1099	0.000032	0.090903	0.001015	0.	0.0794	0.0267
Span 10_ext Girder							
Span 10_int Girder							
Span 11_ext Girder							
Span 11_int Girder							

Table 20: Frame Section Properties 01 - General, Part 2 of 5

SectionName	Area	TorsConst	I33	I22	I23	AS2	AS3
	ft2	ft4	ft4	ft4	ft4	ft2	ft2
Span 7_ext Girder							
Span 7_int Girder							
Span 8_ext Girder							
Span 8_int Girder							
Span 9_ext Girder							
Span 9_int Girder							
W36x160	0.3264	0.000598	0.470197	0.014226	0.	0.1625	0.1417
W36x160 + CP 10x1/2	0.3921	0.001206	0.617774	0.019996	0.	0.1656	0.1996
W36x160 + CP14x7/8	0.4934	0.002367	0.85634	0.038612	0.	0.1691	0.2834
W36x170	0.3472	0.000728	0.506366	0.015432	0.	0.1708	0.1532
W36x170 + CP 14x1	0.5386	0.003192	0.954877	0.04294	0.	0.1788	0.3152
W36x170 + CP 14x1.125	0.5629	0.00379	1.015761	0.045697	0.	0.18	0.3354
W36x170 + CP 8x3/8	0.3858	0.001052	0.595533	0.01892	0.	0.1732	0.1878
W36x182	0.3722	0.000887	0.544946	0.016734	0.	0.1829	0.1649
W36x182 + CP14x3/4	0.5148	0.002495	0.877065	0.039045	0.	0.1888	0.2865
W36x260	0.5313	0.002001	0.834298	0.052566	0.	0.2115	0.2758
W36x280	0.5722	0.002537	0.911458	0.05787	0.	0.2244	0.3016
W36x280 + CP 12x1	0.7315	0.006234	1.274602	0.084321	0.	0.2312	0.4404
W36x300	0.6132	0.003096	0.978974	0.062693	0.	0.2411	0.3238
W36x300 + CP 10x7/16	0.7499	0.006468	1.280571	0.085925	0.	0.2456	0.4455
W36x300 + CP 14x1	0.7985	0.008198	1.399985	0.093723	0.	0.2484	0.486

Table 20: Frame Section Properties 01 - General, Part 3 of 5

Table 20: Frame Section Properties 01 - General, Part 3 of 5

SectionName	S33	S22	Z33	Z22	R33	R22
	ft3	ft3	ft3	ft3	ft	ft
Bent Cap	10.666667	10.666667	16.	16.	1.1547	1.1547
BRD1	36.329722	653.152202	61.385327	1018.921852	1.2481	17.63661
BRD10	36.329722	653.152202	61.385327	1018.921852	1.2481	17.63661
BRD11	36.329722	653.152202	61.385327	1018.921852	1.2481	17.63661
BRD12	43.556616	738.053938	70.965362	1138.399346	1.30644	18.05036
BRD13	43.556616	738.053938	70.965362	1138.399346	1.30644	18.05036
BRD14	36.329722	653.152202	61.385327	1018.921852	1.2481	17.63661
BRD15	36.329722	653.152202	61.385327	1018.921852	1.2481	17.63661

Table 20: Frame Section Properties 01 - General, Part 3 of 5

SectionName	S33	S22	Z33	Z22	R33	R22
	ft3	ft3	ft3	ft3	ft	ft
BRD16	33.735843	623.929265	57.368269	975.456325	1.22803	17.51752
BRD17	33.735843	623.929265	57.368269	975.456325	1.22803	17.51752
BRD18	33.735843	623.929265	57.368269	975.456325	1.22803	17.51752
BRD19	33.735843	623.929265	57.368269	975.456325	1.22803	17.51752
BRD2	36.329722	653.152202	61.385327	1018.921852	1.2481	17.63661
BRD20	33.735843	623.929265	57.368269	975.456325	1.22803	17.51752
BRD21	33.735843	623.929265	57.368269	975.456325	1.22803	17.51752
BRD22	33.735843	623.929265	57.368269	975.456325	1.22803	17.51752
BRD23	33.735843	623.929265	57.368269	975.456325	1.22803	17.51752
BRD24	33.735843	623.929265	57.368269	975.456325	1.22803	17.51752
BRD25	33.735843	623.929265	57.368269	975.456325	1.22803	17.51752
BRD26	33.735843	623.929265	57.368269	975.456325	1.22803	17.51752
BRD27	33.735843	623.929265	57.368269	975.456325	1.22803	17.51752
BRD28	43.725749	729.455087	70.705575	1129.767886	1.31016	17.95691
BRD29	43.725749	729.455087	70.705575	1129.767886	1.31016	17.95691
BRD3	36.329722	653.152202	61.385327	1018.921852	1.2481	17.63661
BRD30	33.735843	623.929265	57.368269	975.456325	1.22803	17.51752
BRD31	33.735843	623.929265	57.368269	975.456325	1.22803	17.51752
BRD32	33.735843	623.929265	57.368269	975.456325	1.22803	17.51752
BRD33	33.735843	623.929265	57.368269	975.456325	1.22803	17.51752
BRD34	33.735843	623.929265	57.368269	975.456325	1.22803	17.51752
BRD35	33.735843	623.929265	57.368269	975.456325	1.22803	17.51752
BRD36	33.735843	623.929265	57.368269	975.456325	1.22803	17.51752
BRD37	33.735843	623.929265	57.368269	975.456325	1.22803	17.51752
BRD38	33.735843	623.929265	57.368269	975.456325	1.22803	17.51752
BRD39	33.735843	623.929265	57.368269	975.456325	1.22803	17.51752
BRD4	36.329722	653.152202	61.385327	1018.921852	1.2481	17.63661
BRD40	33.735843	623.929265	57.368269	975.456325	1.22803	17.51752
BRD41	33.735843	623.929265	57.368269	975.456325	1.22803	17.51752
BRD42	33.735843	623.929265	57.368269	975.456325	1.22803	17.51752

Table 20: Frame Section Properties 01 - General, Part 3 of 5

SectionName	S33	S22	Z33	Z22	R33	R22
	ft3	ft3	ft3	ft3	ft	ft
BRD43	33.735843	623.929265	57.368269	975.456325	1.22803	17.51752
BRD44	43.725749	729.455087	70.705575	1129.767886	1.31016	17.95691
BRD45	43.725749	729.455087	70.705575	1129.767886	1.31016	17.95691
BRD46	33.735843	623.929265	57.368269	975.456325	1.22803	17.51752
BRD47	33.735843	623.929265	57.368269	975.456325	1.22803	17.51752
BRD48	33.735843	623.929265	57.368269	975.456325	1.22803	17.51752
BRD49	33.735843	623.929265	57.368269	975.456325	1.22803	17.51752
BRD5	36.329722	653.152202	61.385327	1018.921852	1.2481	17.63661
BRD50	33.735843	623.929265	57.368269	975.456325	1.22803	17.51752
BRD51	33.735843	623.929265	57.368269	975.456325	1.22803	17.51752
BRD52	33.735843	623.929265	57.368269	975.456325	1.22803	17.51752
BRD53	33.735843	623.929265	57.368269	975.456325	1.22803	17.51752
BRD54	33.735843	623.929265	57.368269	975.456325	1.22803	17.51752
BRD55	33.735843	623.929265	57.368269	975.456325	1.22803	17.51752
BRD56	33.735843	623.929265	57.368269	975.456325	1.22803	17.51752
BRD57	33.735843	623.929265	57.368269	975.456325	1.22803	17.51752
BRD58	36.329722	653.152202	61.385327	1018.921852	1.2481	17.63661
BRD59	36.329722	653.152202	61.385327	1018.921852	1.2481	17.63661
BRD6	36.329722	653.152202	61.385327	1018.921852	1.2481	17.63661
BRD60	43.556616	738.053938	70.965362	1138.399346	1.30644	18.05036
BRD61	43.556616	738.053938	70.965362	1138.399346	1.30644	18.05036
BRD62	36.329722	653.152202	61.385327	1018.921852	1.2481	17.63661
BRD63	36.329722	653.152202	61.385327	1018.921852	1.2481	17.63661
BRD64	36.329722	653.152202	61.385327	1018.921852	1.2481	17.63661
BRD65	36.329722	653.152202	61.385327	1018.921852	1.2481	17.63661
BRD66	36.329722	653.152202	61.385327	1018.921852	1.2481	17.63661
BRD67	36.329722	653.152202	61.385327	1018.921852	1.2481	17.63661
BRD68	36.329722	653.152202	61.385327	1018.921852	1.2481	17.63661
BRD69	36.329722	653.152202	61.385327	1018.921852	1.2481	17.63661
BRD7	36.329722	653.152202	61.385327	1018.921852	1.2481	17.63661

Table 20: Frame Section Properties 01 - General, Part 3 of 5

SectionName	S33	S22	Z33	Z22	R33	R22
	ft3	ft3	ft3	ft3	ft	ft
BRD70	36.329722	653.152202	61.385327	1018.921852	1.2481	17.63661
BRD71	36.329722	653.152202	61.385327	1018.921852	1.2481	17.63661
BRD72	36.329722	653.152202	61.385327	1018.921852	1.2481	17.63661
BRD8	36.329722	653.152202	61.385327	1018.921852	1.2481	17.63661
BRD9	36.329722	653.152202	61.385327	1018.921852	1.2481	17.63661
C15x33.9	0.024306	0.001801	0.029167	0.003605	0.46865	0.07529
Column Section	10.666667	10.666667	16.	16.	1.1547	1.1547
FSEC1	0.001622	0.016594	0.002432	0.024892	0.02839	0.29048
FSEC10	0.00239	0.019958	0.003585	0.029938	0.03457	0.28868
FSEC2	0.11382	0.012113	0.12963	0.018866	0.81629	0.16291
FSEC3	0.001404	0.015354	0.002106	0.023031	0.02646	0.2894
FSEC4	0.003617	0.000136	0.005425	0.000203	0.24056	0.00902
FSEC5	0.009259	0.000217	0.013889	0.000326	0.3849	0.00902
FSEC6	0.004221	0.033423	0.006331	0.050134	0.04253	0.33679
FSEC7	0.002112	0.01883	0.003167	0.028245	0.03245	0.2894
FSEC8	0.001204	0.014167	0.001806	0.02125	0.02454	0.28868
FSEC9	0.004131	0.033064	0.006196	0.049595	0.04207	0.33679
Int Diaphragm Section	0.07153	0.003305	0.088745	0.005534	0.90965	0.09614
Span 10_ext Girder						
Span 10_int Girder						
Span 11_ext Girder						
Span 11_int Girder						
Span 7_ext Girder						
Span 7_int Girder						
Span 8_ext Girder						
Span 8_int Girder						
Span 9_ext Girder						
Span 9_int Girder						
W36x160	0.313377	0.028453	0.361111	0.044734	1.20025	0.20878
W36x160 + CP 10x1/2	0.404181	0.039991	0.459217	0.061942	1.25519	0.22582
W36x160 + CP14x7/8	0.548511	0.066192	0.614681	0.101267	1.31739	0.27974
W36x170	0.335991	0.030787	0.386574	0.048495	1.20761	0.21082
W36x170 + CP 14x1	0.60531	0.073611	0.679478	0.112579	1.33149	0.28235
W36x170 + CP 14x1.125	0.639682	0.078337	0.717947	0.119668	1.34331	0.28492
W36x170 + CP 8x3/8	0.389779	0.037745	0.44524	0.058762	1.24241	0.22145
W36x182	0.359997	0.03326	0.415509	0.052488	1.20997	0.21203

Table 20: Frame Section Properties 01 - General, Part 3 of 5

SectionName	S33	S22	Z33	Z22	R33	R22
	ft3	ft3	ft3	ft3	ft	ft
W36x182 + CP14x3/4	0.561247	0.066935	0.632931	0.102852	1.30526	0.2754
W36x260	0.55221	0.076228	0.625	0.118056	1.25317	0.31456
W36x280	0.598987	0.083693	0.677083	0.129051	1.26208	0.31801
W36x280 + CP 12x1	0.81323	0.121946	0.917536	0.186462	1.32002	0.33952
W36x300	0.639504	0.090341	0.729167	0.139468	1.26353	0.31975
W36x300 + CP 10x7/16	0.821055	0.123819	0.929467	0.189727	1.30678	0.3385
W36x300 + CP 14x1	0.887682	0.135056	1.005623	0.206582	1.32414	0.34261

Table 20: Frame Section Properties 01 - General, Part 4 of 5

Table 20: Frame Section Properties 01 - General, Part 4 of 5

SectionName	EccV2	AMod	A2Mod	A3Mod	JMod	I2Mod	I3Mod	MMod
	ft							
Bent Cap		1.	1.	1.	1.	1.	1.	1.
BRD1		1.	1.	1.	1.	1.	1.	0.72516
BRD10		1.	1.	1.	1.	1.	1.	0.72516
BRD11		1.	1.	1.	1.	1.	1.	0.72516
BRD12		1.	1.	1.	1.	1.	1.	0.696022
BRD13		1.	1.	1.	1.	1.	1.	0.696022
BRD14		1.	1.	1.	1.	1.	1.	0.72516
BRD15		1.	1.	1.	1.	1.	1.	0.72516
BRD16		1.	1.	1.	1.	1.	1.	0.738071
BRD17		1.	1.	1.	1.	1.	1.	0.738071
BRD18		1.	1.	1.	1.	1.	1.	0.738071
BRD19		1.	1.	1.	1.	1.	1.	0.738071
BRD2		1.	1.	1.	1.	1.	1.	0.72516
BRD20		1.	1.	1.	1.	1.	1.	0.738071
BRD21		1.	1.	1.	1.	1.	1.	0.738071
BRD22		1.	1.	1.	1.	1.	1.	0.738071
BRD23		1.	1.	1.	1.	1.	1.	0.738071
BRD24		1.	1.	1.	1.	1.	1.	0.738071
BRD25		1.	1.	1.	1.	1.	1.	0.738071
BRD26		1.	1.	1.	1.	1.	1.	0.738071
BRD27		1.	1.	1.	1.	1.	1.	0.738071
BRD28		1.	1.	1.	1.	1.	1.	0.696068
BRD29		1.	1.	1.	1.	1.	1.	0.696068
BRD3		1.	1.	1.	1.	1.	1.	0.72516
BRD30		1.	1.	1.	1.	1.	1.	0.738071
BRD31		1.	1.	1.	1.	1.	1.	0.738071
BRD32		1.	1.	1.	1.	1.	1.	0.738071
BRD33		1.	1.	1.	1.	1.	1.	0.738071
BRD34		1.	1.	1.	1.	1.	1.	0.738071
BRD35		1.	1.	1.	1.	1.	1.	0.738071
BRD36		1.	1.	1.	1.	1.	1.	0.738071
BRD37		1.	1.	1.	1.	1.	1.	0.738071
BRD38		1.	1.	1.	1.	1.	1.	0.738071
BRD39		1.	1.	1.	1.	1.	1.	0.738071
BRD4		1.	1.	1.	1.	1.	1.	0.72516
BRD40		1.	1.	1.	1.	1.	1.	0.738071
BRD41		1.	1.	1.	1.	1.	1.	0.738071

Table 20: Frame Section Properties 01 - General, Part 4 of 5

SectionName	EccV2	AMod	A2Mod	A3Mod	JMod	I2Mod	I3Mod	MMod
	ft							
BRD42		1.	1.	1.	1.	1.	1.	0.738071
BRD43		1.	1.	1.	1.	1.	1.	0.738071
BRD44		1.	1.	1.	1.	1.	1.	0.696068
BRD45		1.	1.	1.	1.	1.	1.	0.696068
BRD46		1.	1.	1.	1.	1.	1.	0.738071
BRD47		1.	1.	1.	1.	1.	1.	0.738071
BRD48		1.	1.	1.	1.	1.	1.	0.738071
BRD49		1.	1.	1.	1.	1.	1.	0.738071
BRD5		1.	1.	1.	1.	1.	1.	0.72516
BRD50		1.	1.	1.	1.	1.	1.	0.738071
BRD51		1.	1.	1.	1.	1.	1.	0.738071
BRD52		1.	1.	1.	1.	1.	1.	0.738071
BRD53		1.	1.	1.	1.	1.	1.	0.738071
BRD54		1.	1.	1.	1.	1.	1.	0.738071
BRD55		1.	1.	1.	1.	1.	1.	0.738071
BRD56		1.	1.	1.	1.	1.	1.	0.738071
BRD57		1.	1.	1.	1.	1.	1.	0.738071
BRD58		1.	1.	1.	1.	1.	1.	0.72516
BRD59		1.	1.	1.	1.	1.	1.	0.72516
BRD6		1.	1.	1.	1.	1.	1.	0.72516
BRD60		1.	1.	1.	1.	1.	1.	0.696022
BRD61		1.	1.	1.	1.	1.	1.	0.696022
BRD62		1.	1.	1.	1.	1.	1.	0.72516
BRD63		1.	1.	1.	1.	1.	1.	0.72516
BRD64		1.	1.	1.	1.	1.	1.	0.72516
BRD65		1.	1.	1.	1.	1.	1.	0.72516
BRD66		1.	1.	1.	1.	1.	1.	0.72516
BRD67		1.	1.	1.	1.	1.	1.	0.72516
BRD68		1.	1.	1.	1.	1.	1.	0.72516
BRD69		1.	1.	1.	1.	1.	1.	0.72516
BRD7		1.	1.	1.	1.	1.	1.	0.72516
BRD70		1.	1.	1.	1.	1.	1.	0.72516
BRD71		1.	1.	1.	1.	1.	1.	0.72516
BRD72		1.	1.	1.	1.	1.	1.	0.72516
BRD8		1.	1.	1.	1.	1.	1.	0.72516
BRD9		1.	1.	1.	1.	1.	1.	0.72516
C15x33.9	0.13921	1.	1.	1.	1.	1.	1.	1.
Column Section		1.	1.	1.	1.	1.	1.	1.
FSEC1		1.	1.	1.	1.	1.	1.	1.
FSEC10		1.	1.	1.	1.	1.	1.	1.
FSEC2		10.	10.	10.	10.	10.	10.	1.
FSEC3		1.	1.	1.	1.	1.	1.	1.
FSEC4		1.	1.	1.	1.	1.	1.	1.
FSEC5		1.	1.	1.	1.	1.	1.	1.
FSEC6		1.	1.	1.	1.	1.	1.	1.
FSEC7		1.	1.	1.	1.	1.	1.	1.
FSEC8		1.	1.	1.	1.	1.	1.	1.
FSEC9		1.	1.	1.	1.	1.	1.	1.
Int Diaphragm Section		1.	1.	1.	1.	1.	1.	1.
Span 10_ext Girder								
Span 10_int Girder								

Table 20: Frame Section Properties 01 - General, Part 4 of 5

SectionName	EccV2 ft	AMod	A2Mod	A3Mod	JMod	I2Mod	I3Mod	MMod
Span 11_ext Girder								
Span 11_int Girder								
Span 7_ext Girder								
Span 7_int Girder								
Span 8_ext Girder								
Span 8_int Girder								
Span 9_ext Girder								
Span 9_int Girder								
W36x160		1.	1.	1.	1.	1.	1.	1.
W36x160 + CP 10x1/2		1.	1.	1.	1.	1.	1.	1.
W36x160 + CP14x7/8		1.	1.	1.	1.	1.	1.	1.
W36x170		1.	1.	1.	1.	1.	1.	1.
W36x170 + CP 14x1		1.	1.	1.	1.	1.	1.	1.
W36x170 + CP 14x1.125		1.	1.	1.	1.	1.	1.	1.
W36x170 + CP 8x3/8		1.	1.	1.	1.	1.	1.	1.
W36x182		1.	1.	1.	1.	1.	1.	1.
W36x182 + CP14x3/4		1.	1.	1.	1.	1.	1.	1.
W36x260		1.	1.	1.	1.	1.	1.	1.
W36x280		1.	1.	1.	1.	1.	1.	1.
W36x280 + CP 12x1		1.	1.	1.	1.	1.	1.	1.
W36x300		1.	1.	1.	1.	1.	1.	1.
W36x300 + CP 10x7/16		1.	1.	1.	1.	1.	1.	1.
W36x300 + CP 14x1		1.	1.	1.	1.	1.	1.	1.

Table 20: Frame Section Properties 01 - General, Part 5 of 5

Table 20: Frame Section Properties 01 - General, Part 5 of 5

SectionName	WMod
Bent Cap	1.
BRD1	0.72516
BRD10	0.72516
BRD11	0.72516
BRD12	0.696022
BRD13	0.696022
BRD14	0.72516
BRD15	0.72516
BRD16	0.738071

Table 20: Frame Section Properties 01 - General, Part 5 of 5

SectionName	WMod
BRD17	0.738071
BRD18	0.738071
BRD19	0.738071
BRD2	0.72516
BRD20	0.738071
BRD21	0.738071
BRD22	0.738071
BRD23	0.738071
BRD24	0.738071
BRD25	0.738071
BRD26	0.738071
BRD27	0.738071
BRD28	0.696068
BRD29	0.696068
BRD3	0.72516
BRD30	0.738071
BRD31	0.738071
BRD32	0.738071
BRD33	0.738071
BRD34	0.738071
BRD35	0.738071
BRD36	0.738071
BRD37	0.738071
BRD38	0.738071
BRD39	0.738071
BRD4	0.72516
BRD40	0.738071
BRD41	0.738071
BRD42	0.738071
BRD43	0.738071
BRD44	0.696068
BRD45	0.696068
BRD46	0.738071
BRD47	0.738071
BRD48	0.738071
BRD49	0.738071
BRD5	0.72516
BRD50	0.738071
BRD51	0.738071
BRD52	0.738071
BRD53	0.738071
BRD54	0.738071
BRD55	0.738071
BRD56	0.738071
BRD57	0.738071
BRD58	0.72516
BRD59	0.72516
BRD6	0.72516
BRD60	0.696022
BRD61	0.696022
BRD62	0.72516
BRD63	0.72516
BRD64	0.72516

Table 20: Frame Section Properties 01 - General, Part 5 of 5

SectionName	WMod
BRD65	0.72516
BRD66	0.72516
BRD67	0.72516
BRD68	0.72516
BRD69	0.72516
BRD7	0.72516
BRD70	0.72516
BRD71	0.72516
BRD72	0.72516
BRD8	0.72516
BRD9	0.72516
C15x33.9	1.
Column Section	1.
FSEC1	1.
FSEC10	1.
FSEC2	1.
FSEC3	1.
FSEC4	1.
FSEC5	1.
FSEC6	1.
FSEC7	1.
FSEC8	1.
FSEC9	1.
Int Diaphragm Section	1.
Span 10_ext Girder	
Span 10_int Girder	
Span 11_ext Girder	
Span 11_int Girder	
Span 7_ext Girder	
Span 7_int Girder	
Span 8_ext Girder	
Span 8_int Girder	
Span 9_ext Girder	
Span 9_int Girder	
W36x160	1.
W36x160 + CP 10x1/2	1.
W36x160 + CP14x7/8	1.
W36x170	1.
W36x170 + CP 14x1	1.
W36x170 + CP 14x1.125	1.

Table 20: Frame Section Properties 01 - General, Part 5 of 5

SectionName	WMod
W36x170 + CP 8x3/8	1.
W36x182	1.
W36x182 + CP14x3/4	1.
W36x260	1.
W36x280	1.
W36x280 + CP 12x1	1.
W36x300	1.
W36x300 + CP 10x7/16	1.
W36x300 + CP 14x1	1.

Table 21: Frame Section Properties 02 - Concrete Column, Part 1 of 2

Table 21: Frame Section Properties 02 - Concrete Column, Part 1 of 2

SectionName	RebarMatL	RebarMatC	ReinfConfig	LatReinf	Cover	NumBars3Dir	NumBars2Dir
					ft		
Bent Cap	A615Gr60	A615Gr60	Rectangular	Ties	0.125	3	3
Column Section	A615Gr60	A615Gr60	Rectangular	Ties	0.125	3	3

Table 21: Frame Section Properties 02 - Concrete Column, Part 2 of 2

Table 21: Frame Section Properties 02 - Concrete Column, Part 2 of 2

SectionName	BarSizeL	BarSizeC	SpacingC	NumCBars2	NumCBars3
			ft		
Bent Cap	#9	#4	0.5	3	3
Column Section	#9	#4	0.5	3	3

Table 22: Frame Section Properties 05 - Nonprismatic

Table 22: Frame Section Properties 05 - Nonprismatic

SectionName	SegmentNum	StartSect	EndSect	AbsLength	VarLength	EI33Var	EI22Var
				ft			
Span 10_ext Girder	1	W36x160 + CP14x7/8	W36x160 + CP14x7/8	7.5		Linear	Linear
Span 10_ext Girder	2	W36x160	W36x160	46.42		Linear	Linear
Span 10_ext Girder	3	W36x182	W36x182	6.5		Linear	Linear
Span 10_ext Girder	4	W36x182 + CP14x3/4	W36x182 + CP14x3/4	7.		Linear	Linear
Span 10_int Girder	1	W36x160 + CP 10x1/2	W36x160 + CP 10x1/2	5.		Linear	Linear
Span 10_int Girder	2	W36x160	W36x160	48.92		Linear	Linear

Table 22: Frame Section Properties 05 - Nonprismatic

SectionName	SegmentNum	StartSect	EndSect	AbsLength	VarLength	EI33Var	EI22Var
				ft			
Span 10_int Girder	3	W36x170	W36x170	9.		Linear	Linear
Span 10_int Girder	4	W36x170 + CP 8x3/8	W36x170 + CP 8x3/8	4.5		Linear	Linear
Span 11_ext Girder	1	W36x182 + CP14x3/4	W36x182 + CP14x3/4	7.		Linear	Linear
Span 11_ext Girder	2	W36x182	W36x182	49.42		Linear	Linear
Span 11_int Girder	1	W36x170 + CP 8x3/8	W36x170 + CP 8x3/8	4.5		Linear	Linear
Span 11_int Girder	2	W36x170	W36x170	51.92		Linear	Linear
Span 7_ext Girder	1	W36x182	W36x182	49.42		Linear	Linear
Span 7_ext Girder	2	W36x182 + CP14x3/4	W36x182 + CP14x3/4	7.		Linear	Linear
Span 7_int Girder	1	W36x170	W36x170	51.92		Linear	Linear
Span 7_int Girder	2	W36x170 + CP 8x3/8	W36x170 + CP 8x3/8	4.5		Linear	Linear
Span 8_ext Girder	1	W36x182 + CP14x3/4	W36x182 + CP14x3/4	7.		Linear	Linear
Span 8_ext Girder	2	W36x182	W36x182	6.5		Linear	Linear
Span 8_ext Girder	3	W36x160	W36x160	46.42		Linear	Linear
Span 8_ext Girder	4	W36x160 + CP14x7/8	W36x160 + CP14x7/8	7.5		Linear	Linear
Span 8_int Girder	1	W36x170 + CP 8x3/8	W36x170 + CP 8x3/8	4.5		Linear	Linear
Span 8_int Girder	2	W36x170	W36x170	9.		Linear	Linear
Span 8_int Girder	3	W36x160	W36x160	48.92		Linear	Linear
Span 8_int Girder	4	W36x160 + CP 10x1/2	W36x160 + CP 10x1/2	5.		Linear	Linear
Span 9_ext Girder	1	W36x160 + CP14x7/8	W36x160 + CP14x7/8	7.5		Linear	Linear
Span 9_ext Girder	2	W36x160	W36x160	52.42		Linear	Linear
Span 9_ext Girder	3	W36x160 + CP14x7/8	W36x160 + CP14x7/8	7.5		Linear	Linear
Span 9_int Girder	1	W36x160 + CP 10x1/2	W36x160 + CP 10x1/2	5.		Linear	Linear
Span 9_int Girder	2	W36x160	W36x160	57.42		Linear	Linear
Span 9_int Girder	3	W36x160 + CP 10x1/2	W36x160 + CP 10x1/2	5.		Linear	Linear

3.2. Areas

Table 23: Area Section Properties, Part 1 of 3

Table 23: Area Section Properties, Part 1 of 3

Section	Material	AreaType	Type	DrillDOF	Thickness	BendThick	F11Mod
					ft	ft	
ASEC1	3000Psi	Shell	Shell-Thin	Yes	1.	1.	1.
ASEC2	Grade 33	Shell	Shell-Thin	Yes	1.	1.	1.

Table 23: Area Section Properties, Part 2 of 3

Table 23: Area Section Properties, Part 2 of 3

Section	F22Mod	F12Mod	M11Mod	M22Mod	M12Mod	V13Mod	V23Mod
ASEC1	1.	1.	1.	1.	1.	1.	1.
ASEC2	1.	1.	1.	1.	1.	1.	1.

Table 23: Area Section Properties, Part 3 of 3

Table 23: Area Section Properties, Part 3 of 3

Section	MMod	WMod
ASEC1	1.	1.
ASEC2	1.	1.

3.3. Solids

Table 24: Solid Property Definitions

Table 24: Solid Property Definitions

SolidProp	Material	MatAngleA	MatAngleB	MatAngleC
		Degrees	Degrees	Degrees
Solid1	4000Psi	0.	0.	0.

4. Loading

This section provides loading information as applied to the model.

4.1. Load patterns

Table 25: Load Pattern Definitions

Table 25: Load Pattern Definitions

LoadPat	DesignType	SelfWtMult	AutoLoad
Dead Load	Dead	1.	
SIP	Dead	0.	
Utility	Dead	0.	
Haunch	Dead	0.	

Table 25: Load Pattern Definitions

LoadPat	DesignType	SelfWtMult	AutoLoad
Barrier	Dead	0.	
Sidewalk	Dead	0.	
SIPForm	Dead	0.	
ConcPour Permanent	Dead	0.	
DW	Wearing Surface	0.	
Temperature Pos	Temperature	0.	
Temperature Neg	Temperature	0.	
ConcPour Temporary	Construction	0.	

4.2. Vehicles

Table 26: Vehicles 2 - General Vehicles 1 - General, Part 1 of 6

Table 26: Vehicles 2 - General Vehicles 1 - General, Part 1 of 6

VehName	FromLibrary	LibraryName	FltAxleFac	AxleFac	UnifFac	SupportMom	IntSupport
Annual Permit 1	No	User Defined	1.	1.	1.	Yes	Yes
Annual Permit 2	No	User Defined	1.	1.	1.	Yes	Yes
EV2	No	User Defined	1.	1.	1.	Yes	Yes
EV3	No	User Defined	1.	1.	1.	Yes	Yes
Gravel Truck	No	User Defined	1.	1.	1.	Yes	Yes
HL-93	No	User Defined	1.	1.	1.	Yes	Yes
HS-20	No	User Defined	1.	1.	1.	Yes	Yes
HS-15	No	User Defined	1.	1.	1.	Yes	Yes
Lane	No	User Defined	1.	1.	1.	Yes	Yes
Neg - EV3	No	User Defined	1.	0.75	1.	Yes	No
Overweight Permit	No	User Defined	1.	1.	1.	Yes	Yes
SU-4	No	User Defined	1.	1.	1.	Yes	Yes
SU-5	No	User Defined	1.	1.	1.	Yes	Yes
SU-6	No	User Defined	1.	1.	1.	Yes	Yes
SU-7	No	User Defined	1.	1.	1.	Yes	Yes
Type 3-3	No	User Defined	1.	1.	1.	Yes	Yes
Type 3	No	User Defined	1.	1.	1.	Yes	Yes
Type 3S2	No	User Defined	1.	1.	1.	Yes	Yes
Type 3-3+Lane(200plf)	No	User Defined	1.	0.75	1.	Yes	Yes

Table 26: Vehicles 2 - General Vehicles 1 - General, Part 2 of 6

Table 26: Vehicles 2 - General Vehicles 1 - General, Part 2 of 6

VehName	OtherResp	AxleMom Kip	AxleMType	AxleMWidth ft	AxleMDbl	AxleOther Kip	AxleOType
Annual Permit 1	Yes	0.	One Point		No	0.	One Point
Annual Permit 2	Yes	0.	One Point		No	0.	One Point
EV2	Yes	0.	One Point		No	0.	One Point
EV3	Yes	0.	One Point		No	0.	One Point
Gravel Truck	Yes	0.	One Point		No	0.	One Point

Table 26: Vehicles 2 - General Vehicles 1 - General, Part 2 of 6

VehName	OtherResp	AxleMom	AxleMType	AxleMWidth	AxleMDbl	AxleOther	AxleOType
		Kip		ft		Kip	
HL-93	Yes	0.	One Point		No	0.	One Point
HS-20	Yes	0.	One Point		No	0.	One Point
HS-15	Yes	0.	One Point		No	0.	One Point
Lane	Yes	0.	One Point		No	0.	One Point
Neg - EV3	No	0.	One Point		No	0.	One Point
Overweight Permit	Yes	0.	One Point		No	0.	One Point
SU-4	Yes	0.	One Point		No	0.	One Point
SU-5	Yes	0.	One Point		No	0.	One Point
SU-6	Yes	0.	One Point		No	0.	One Point
SU-7	Yes	0.	One Point		No	0.	One Point
Type 3-3	Yes	0.	One Point		No	0.	One Point
Type 3	Yes	0.	One Point		No	0.	One Point
Type 3S2	Yes	0.	One Point		No	0.	One Point
Type 3-3+Lane(200plf)	Yes	0.	One Point		No	0.	One Point

Table 26: Vehicles 2 - General Vehicles 1 - General, Part 3 of 6

Table 26: Vehicles 2 - General Vehicles 1 - General, Part 3 of 6

VehName	AxleOWidth	LEffAxle	LEffUnif	ForStraddle	StraddleFac	NumInter	MinExtDist
	ft						ft
Annual Permit 1		User	None	No		8	0.
Annual Permit 2		User	None	No		8	0.
EV2		User	None	No		2	0.
EV3		User	None	No		3	0.
Gravel Truck		User	None	No		4	0.
HL-93		User	None	No		4	0.
HS-20		User	None	No		3	0.
HS-15		User	None	No		3	0.
Lane		None	None	No		1	0.
Neg - EV3		User	None	No		7	0.
Overweight Permit		User	None	No		13	0.
SU-4		User	None	No		4	0.
SU-5		User	None	No		5	0.
SU-6		User	None	No		6	0.
SU-7		User	None	No		7	0.
Type 3-3		User	None	No		6	0.
Type 3		User	None	No		4	0.
Type 3S2		User	None	No		5	0.
Type 3-3+Lane(200plf)		User	None	No		7	0.

Table 26: Vehicles 2 - General Vehicles 1 - General, Part 4 of 6

Table 26: Vehicles 2 - General Vehicles 1 - General, Part 4 of 6

VehName	MinIntDist	StayInLane	CGHTAxle	CGHTUnif	Notes	AdjustSuper
	ft		ft	ft		
Annual Permit 1	0.	No	0.	0.		No
Annual Permit 2	0.	No	0.	0.		No
EV2	0.	No	0.	0.		No
EV3	0.	No	0.	0.		No
Gravel Truck	0.	No	0.	0.		No
HL-93	0.	No	0.	0.		No

Table 26: Vehicles 2 - General Vehicles 1 - General, Part 4 of 6

VehName	MinIntDist	StayInLane	CGHTAxle	CGHTUnif	Notes	AdjustSuper
	ft		ft	ft		
HS-20	0.	No	0.	0.		No
HS-15	0.	No	0.	0.		No
Lane	0.	No	0.	0.		No
Neg - EV3	0.	No	0.	0.		No
Overweight Permit	0.	No	0.	0.		No
SU-4	0.	No	0.	0.		No
SU-5	0.	No	0.	0.		No
SU-6	0.	No	0.	0.		No
SU-7	0.	No	0.	0.		No
Type 3-3	0.	No	0.	0.		No
Type 3	0.	No	0.	0.		No
Type 3S2	0.	No	0.	0.		No
Type 3-3+Lane(200plf)	0.	No	0.	0.		No

Table 26: Vehicles 2 - General Vehicles 1 - General, Part 5 of 6

Table 26: Vehicles 2 - General Vehicles 1 - General, Part 5 of 6

VehName	IgnoreVert	Centrifugal	CenScaleOpt	CenVelocity	CenAxleSF	CenUnifSF	CenOverturn
				ft/sec			
Annual Permit 1	No	Yes	Velocity	102.67	1.	0.	No
Annual Permit 2	No	Yes	Velocity	102.67	1.	0.	No
EV2	No	Yes	Velocity	102.67	1.	0.	No
EV3	No	Yes	Velocity	102.67	1.	0.	Yes
Gravel Truck	No	Yes	Velocity	102.67	1.	0.	No
HL-93	No	Yes	Velocity	102.67	1.	0.	No
HS-20	No	Yes	Velocity	102.67	1.	0.	No
HS-15	No	Yes	Velocity	8.556	1.	0.	No
Lane	No	Yes	Velocity	102.67	1.	0.	No
Neg - EV3	No	Yes	Velocity	102.67	1.	0.	Yes
Overweight Permit	No	Yes	Velocity	8.556	1.	0.	No
SU-4	No	Yes	Velocity	102.67	1.	0.	No
SU-5	No	Yes	Velocity	102.67	1.	0.	No
SU-6	No	Yes	Velocity	102.67	1.	0.	No
SU-7	No	Yes	Velocity	102.67	1.	0.	No
Type 3-3	No	Yes	Velocity	102.67	1.	0.	No
Type 3	No	Yes	Velocity	102.67	1.	0.	No
Type 3S2	No	Yes	Velocity	102.67	1.	0.	No
Type 3-3+Lane(200plf)	No	Yes	Velocity	102.67	1.	0.	No

Table 26: Vehicles 2 - General Vehicles 1 - General, Part 6 of 6

Table 26: Vehicles 2 - General Vehicles 1 - General, Part 6 of 6

VehName	Braking	NosingForce	DesignType
		Kip	
Annual Permit 1	No	0.	Permit Veh Live
Annual Permit 2	No	0.	Permit Veh Live
EV2	No	0.	Permit Veh Live
EV3	No	0.	Permit Veh Live
Gravel Truck	No	0.	Permit Veh Live

Table 26: Vehicles 2 - General Vehicles 1 - General, Part 6 of 6

VehName	Braking	NosingForce Kip	DesignType
HL-93	No	0.	Vehicle Live
HS-20	No	0.	Vehicle Live
HS-15	No	0.	Vehicle Live
Lane	No	0.	Vehicle Live
Neg - EV3	No	0.	Vehicle Live
Overweight Permit	No	0.	Permit Veh Live
SU-4	No	0.	Vehicle Live
SU-5	No	0.	Vehicle Live
SU-6	No	0.	Vehicle Live
SU-7	No	0.	Vehicle Live
Type 3-3	No	0.	Vehicle Live
Type 3	No	0.	Vehicle Live
Type 3S2	No	0.	Vehicle Live
Type 3-3+Lane(200plf)	No	0.	Vehicle Live

Table 27: Vehicles 3 - General Vehicles 2 - Loads, Part 1 of 2

Table 27: Vehicles 3 - General Vehicles 2 - Loads, Part 1 of 2

VehName	LoadType	InterUnif Kip/ft	UnifType	UnifWidth ft	InterAxle Kip	AxleType	AxleWidth ft	InterMinD ft
Annual Permit 1	Leading Load	0.	Fixed Width	1.	13.	Two Points	6.	
Annual Permit 1	Fixed Length	0.	Fixed Width	1.	20.	Two Points	6.	12.
Annual Permit 1	Fixed Length	0.	Fixed Width	1.	20.	Two Points	6.	4.5
Annual Permit 1	Fixed Length	0.	Fixed Width	1.	20.	Two Points	6.	4.5
Annual Permit 1	Fixed Length	0.	Fixed Width	1.	23.	Two Points	6.	30.
Annual Permit 1	Fixed Length	0.	Fixed Width	1.	23.	Two Points	6.	4.5
Annual Permit 1	Fixed Length	0.	Fixed Width	1.	23.	Two Points	6.	14.
Annual Permit 1	Fixed Length	0.	Fixed Width	1.	23.	Two Points	6.	4.5
Annual Permit 2	Leading Load	0.	Fixed Width	1.	13.	Two Points	6.	
Annual Permit 2	Fixed Length	0.	Fixed Width	1.	20.	Two Points	6.	12.
Annual Permit 2	Fixed Length	0.	Fixed Width	1.	20.	Two Points	6.	4.5
Annual Permit 2	Fixed Length	0.	Fixed Width	1.	20.	Two Points	6.	4.5
Annual Permit 2	Fixed Length	0.	Fixed Width	1.	23.	Two Points	6.	15.
Annual Permit 2	Fixed Length	0.	Fixed Width	1.	23.	Two Points	6.	4.5
Annual Permit 2	Fixed Length	0.	Fixed Width	1.	23.	Two Points	6.	14.
Annual Permit 2	Fixed Length	0.	Fixed Width	1.	23.	Two Points	6.	4.5
EV2	Leading Load	0.	Fixed Width	1.	24.	Two Points	6.	

Table 27: Vehicles 3 - General Vehicles 2 - Loads, Part 1 of 2

VehName	LoadType	InterUnif	UnifType	UnifWidth	InterAxle	AxleType	AxleWidth	InterMinD
		Kip/ft		ft	Kip		ft	ft
EV2	Fixed Length	0.	Fixed Width	1.	33.5	Two Points	6.	15.
EV3	Leading Load	0.	Fixed Width	1.	24.	Two Points	6.	
EV3	Fixed Length	0.	Fixed Width	1.	31.	Two Points	6.	13.
EV3	Fixed Length	0.	Fixed Width	1.	31.	Two Points	6.	4.
Gravel Truck	Leading Load	0.	Fixed Width	1.	20.	Two Points	6.	
Gravel Truck	Fixed Length	0.	Fixed Width	1.	14.	Two Points	6.	10.5
Gravel Truck	Fixed Length	0.	Fixed Width	1.	20.	Two Points	6.	4.25
Gravel Truck	Fixed Length	0.	Fixed Width	1.	20.	Two Points	6.	4.417
HL-93	Leading Load	0.64	Fixed Width	10.	8.	Two Points	6.	
HL-93	Fixed Length	0.64	Fixed Width	10.	32.	Two Points	6.	14.
HL-93	Variable Length	0.64	Fixed Width	10.	32.	Two Points	6.	14.
HL-93	Trailing Load	0.64	Fixed Width	10.				
HS-20	Leading Load	0.	Fixed Width	10.	8.	Two Points	6.	
HS-20	Fixed Length	0.	Fixed Width	10.	32.	Two Points	6.	14.
HS-20	Variable Length	0.	Fixed Width	10.	32.	Two Points	6.	14.
HS-15	Leading Load	0.	Zero Width		6.	Two Points	6.	
HS-15	Fixed Length	0.	Zero Width		24.	Two Points	6.	14.
HS-15	Variable Length	0.	Zero Width		24.	Two Points	6.	14.
Lane	Trailing Load	0.64	Fixed Width	10.				
Neg - EV3	Leading Load	0.2	Fixed Width	1.	24.	Two Points	6.	
Neg - EV3	Fixed Length	0.2	Fixed Width	1.	31.	Two Points	6.	13.
Neg - EV3	Fixed Length	0.2	Fixed Width	1.	31.	Two Points	6.	4.
Neg - EV3	Fixed Length	0.2	Fixed Width	1.	24.	Two Points	6.	30.
Neg - EV3	Fixed Length	0.2	Fixed Width	1.	31.	Two Points	6.	13.
Neg - EV3	Fixed Length	0.2	Fixed Width	1.	31.	Two Points	6.	4.
Neg - EV3	Trailing Load	0.2	Fixed Width	1.				
Overweight Permit	Leading Load	0.	Zero Width		15.	Two Points	6.	
Overweight Permit	Fixed Length	0.	Zero Width		20.	Two Points	6.	12.
Overweight Permit	Fixed Length	0.	Zero Width		20.	Two Points	6.	4.
Overweight Permit	Fixed Length	0.	Zero Width		20.	Two Points	6.	4.
Overweight Permit	Fixed Length	0.	Zero Width		20.	Two Points	6.	12.
Overweight Permit	Fixed Length	0.	Zero Width		20.	Two Points	6.	4.
Overweight Permit	Fixed Length	0.	Zero Width		20.	Two Points	6.	4.
Overweight Permit	Fixed Length	0.	Zero Width		20.	Two Points	6.	40.
Overweight Permit	Fixed Length	0.	Zero Width		20.	Two Points	6.	4.
Overweight Permit	Fixed Length	0.	Zero Width		20.	Two Points	6.	4.
Overweight Permit	Fixed Length	0.	Zero Width		20.	Two Points	6.	12.

Table 27: Vehicles 3 - General Vehicles 2 - Loads, Part 1 of 2

VehName	LoadType	InterUnif	UnifType	UnifWidth	InterAxle	AxleType	AxleWidth	InterMinD
		Kip/ft		ft	Kip		ft	ft
Overweight Permit	Fixed Length	0.	Zero Width		20.	Two Points	6.	4.
Overweight Permit	Fixed Length	0.	Zero Width		20.	Two Points	6.	4.
SU-4	Leading Load	0.	Zero Width		12.	Two Points	6.	
SU-4	Fixed Length	0.	Zero Width		8.	Two Points	6.	10.
SU-4	Fixed Length	0.	Zero Width		17.	Two Points	6.	4.
SU-4	Fixed Length	0.	Zero Width		17.	Two Points	6.	4.
SU-5	Leading Load	0.	Zero Width		12.	Two Points	6.	
SU-5	Fixed Length	0.	Zero Width		8.	Two Points	6.	10.
SU-5	Fixed Length	0.	Zero Width		8.	Two Points	6.	4.
SU-5	Fixed Length	0.	Zero Width		17.	Two Points	6.	4.
SU-5	Fixed Length	0.	Zero Width		17.	Two Points	6.	4.
SU-6	Leading Load	0.	Zero Width		11.5	Two Points	6.	
SU-6	Fixed Length	0.	Zero Width		8.	Two Points	6.	10.
SU-6	Fixed Length	0.	Zero Width		8.	Two Points	6.	4.
SU-6	Fixed Length	0.	Zero Width		17.	Two Points	6.	4.
SU-6	Fixed Length	0.	Zero Width		17.	Two Points	6.	4.
SU-6	Fixed Length	0.	Zero Width		8.	Two Points	6.	4.
SU-7	Leading Load	0.	Zero Width		11.5	Two Points	6.	
SU-7	Fixed Length	0.	Zero Width		8.	Two Points	6.	10.
SU-7	Fixed Length	0.	Zero Width		8.	Two Points	6.	4.
SU-7	Fixed Length	0.	Zero Width		17.	Two Points	6.	4.
SU-7	Fixed Length	0.	Zero Width		17.	Two Points	6.	4.
SU-7	Fixed Length	0.	Zero Width		8.	Two Points	6.	4.
SU-7	Fixed Length	0.	Zero Width		8.	Two Points	6.	4.
Type 3-3	Leading Load	0.	Fixed Width	10.	12.	Two Points	6.	
Type 3-3	Fixed Length	0.	Fixed Width	10.	12.	Two Points	6.	15.
Type 3-3	Fixed Length	0.	Fixed Width	10.	12.	Two Points	6.	4.
Type 3-3	Fixed Length	0.	Fixed Width	10.	16.	Two Points	6.	15.
Type 3-3	Fixed Length	0.	Fixed Width	10.	14.	Two Points	6.	16.
Type 3-3	Fixed Length	0.	Fixed Width	10.	14.	Two Points	6.	4.
Type 3	Leading Load	0.	Fixed Width	10.	16.	Two Points	6.	
Type 3	Fixed Length	0.	Fixed Width	10.	17.	Two Points	6.	15.
Type 3	Fixed Length	0.	Fixed Width	10.	17.	Two Points	6.	4.
Type 3	Trailing Load	0.	Fixed Width	10.				
Type 3S2	Leading Load	0.	Fixed Width	10.	10.	Two Points	6.	
Type 3S2	Fixed Length	0.	Fixed Width	10.	15.5	Two Points	6.	11.
Type 3S2	Fixed Length	0.	Fixed Width	10.	15.5	Two Points	6.	4.
Type 3S2	Fixed Length	0.	Fixed Width	10.	15.5	Two Points	6.	22.
Type 3S2	Fixed Length	0.	Fixed Width	10.	15.5	Two Points	6.	4.
Type 3-3+Lane(200plf)	Leading Load	0.2	Fixed Width	10.	12.	Two Points	6.	
Type 3-3+Lane(200plf)	Fixed Length	0.2	Fixed Width	10.	12.	Two Points	6.	15.
Type 3-3+Lane(200plf)	Fixed Length	0.2	Fixed Width	10.	12.	Two Points	6.	4.

Table 27: Vehicles 3 - General Vehicles 2 - Loads, Part 1 of 2

VehName	LoadType	InterUnif	UnifType	UnifWidth	InterAxle	AxleType	AxleWidth	InterMinD
		Kip/ft		ft	Kip		ft	ft
Type 3-3+Lane(200plf)	Fixed Length	0.2	Fixed Width	10.	16.	Two Points	6.	15.
Type 3-3+Lane(200plf)	Fixed Length	0.2	Fixed Width	10.	14.	Two Points	6.	16.
Type 3-3+Lane(200plf)	Fixed Length	0.2	Fixed Width	10.	14.	Two Points	6.	4.
Type 3-3+Lane(200plf)	Trailing Load	0.2	Fixed Width	10.				

Table 27: Vehicles 3 - General Vehicles 2 - Loads, Part 2 of 2

Table 27: Vehicles 3 - General Vehicles 2 - Loads, Part 2 of 2

VehName	InterMaxD
	ft
Annual Permit 1	
Annual Permit 1	
Annual Permit 1	
Annual Permit 1	
Annual Permit 1	
Annual Permit 1	
Annual Permit 1	
Annual Permit 1	
Annual Permit 2	
Annual Permit 2	
Annual Permit 2	
Annual Permit 2	
Annual Permit 2	
Annual Permit 2	
Annual Permit 2	
Annual Permit 2	
EV2	
EV2	
EV3	
EV3	
EV3	
Gravel Truck	

Table 27: Vehicles 3 - General Vehicles 2 - Loads, Part 2 of 2

VehName	InterMaxD ft
Gravel Truck	
Gravel Truck	
Gravel Truck	
HL-93	
HL-93	
HL-93	30.
HL-93	
HS-20	
HS-20	
HS-20	30.
HS-15	
HS-15	
HS-15	30.
Lane	
Neg - EV3	
Neg - EV3	
Neg - EV3	
Neg - EV3	
Neg - EV3	
Neg - EV3	
Neg - EV3	
Overweight Permit	
Overweight Permit	
Overweight Permit	
Overweight Permit	
Overweight Permit	
Overweight Permit	
Overweight Permit	
Overweight Permit	
Overweight Permit	
Overweight Permit	
Overweight Permit	
Overweight Permit	
Overweight Permit	
SU-4	
SU-4	
SU-4	
SU-4	
SU-5	
SU-5	
SU-5	
SU-5	

Table 27: Vehicles 3 - General Vehicles 2 - Loads, Part 2 of 2

VehName	InterMaxD ft
SU-5	
SU-6	
SU-6	
SU-6	
SU-6	
SU-6	
SU-6	
SU-7	
SU-7	
SU-7	
SU-7	
SU-7	
SU-7	
Type 3-3	
Type 3-3	
Type 3-3	
Type 3-3	
Type 3-3	
Type 3-3	
Type 3	
Type 3	
Type 3	
Type 3	
Type 3S2	
Type 3S2	
Type 3S2	
Type 3S2	
Type 3S2	
Type 3-3+Lane(200plf)	
Type 3-3+Lane(200plf)	
Type 3-3+Lane(200plf)	
Type 3-3+Lane(200plf)	
Type 3-3+Lane(200plf)	
Type 3-3+Lane(200plf)	
Type 3-3+Lane(200plf)	

Table 28: Vehicles 4 - Vehicle Classes

Table 28: Vehicles 4 - Vehicle Classes

VehClass	VehName	ScaleFactor
Annual Permit 1	Annual Permit 1	1.
Annual Permit 2	Annual Permit 2	1.
EV2	EV2	1.
EV3	EV3	1.
Gravel Truck	Gravel Truck	1.
HL-93	HL-93	1.
HS-20	HS-20	1.
HS-15	HS-15	1.
Lane	Lane	1.
Neg - EV3	Neg - EV3	1.
Overweight Permit	Overweight Permit	1.
SU-4	SU-4	1.
SU-5	SU-5	1.
SU-6	SU-6	1.
SU-7	SU-7	1.
Type 3-3	Type 3-3	1.
Type 3	Type 3	1.
Type 3S2	Type 3S2	1.
Type 3-3+Lane(200plf)	Type 3-3+Lane(200plf)	1.

4.3. Bridge loading

Table 29: Bridge Load Definitions 02 - Line

Table 29: Bridge Load Definitions 02 - Line

Name	Type	CoordSys	Dir	RefLoc	Dist	FOverL
					ft	Kip/ft
SideWalk+Rail+MISC_LT	Force	GLOBAL	Gravity	Left Edge of Deck	0.	0.922
SideWalk+Rail+MISC_RT	Force	GLOBAL	Gravity	Right Edge of Deck	0.	0.922

Table 30: Bridge Load Definitions 03 - Area, Part 1 of 2

Table 30: Bridge Load Definitions 03 - Area, Part 1 of 2

Name	Type	CoordSys	Dir	RefLocLft	DistLft	RefLocRgt
					ft	
Huanch load	Force	GLOBAL	Gravity	Left Edge of Deck	0.	Right Edge of Deck
Sacrificial WS Load	Force	GLOBAL	Gravity	Left Edge of Deck	0.	Right Edge of Deck
SIP Load	Force	GLOBAL	Gravity	Left Edge of Deck	0.	Right Edge of Deck
Wearing Surface Load	Force	GLOBAL	Gravity	Left Edge of Deck	0.	Right Edge of Deck

Table 30: Bridge Load Definitions 03 - Area, Part 2 of 2

Table 30: Bridge Load Definitions 03 - Area, Part 2 of 2

Name	DistRgt	FOverL2Lft	FOverL2Rgt
	ft	Kip/ft2	Kip/ft2
Huanch load	0.	6.268E-03	6.268E-03
Sacrificial WS Load	0.	1.000E-08	1.000E-08
SIP Load	0.	1.000E-08	1.000E-08
Wearing Surface Load	0.	0.035	0.035

5. Load cases

This section provides load case information.

5.1. Definitions

Table 31: Load Case Definitions, Part 1 of 2

Table 31: Load Case Definitions, Part 1 of 2

Case	Type	MLFactVert	InitialCond	MLFactBrake	ModalCase	MLFactCentr
LC_Dead Load	LinStatic		Zero			
LC_Wearing Surface Load	LinStatic		Zero			
LC_HL93	LinMoving	1.	Zero	0.		1.
LC_HS20	LinMoving	1.	Zero	0.		1.
LC_Lane	LinMoving	1.	Zero	0.		1.
LC_SU4	LinMoving	1.	Zero	0.		1.
LC_SU5	LinMoving	1.	Zero	0.		1.
LC_SU6	LinMoving	1.	Zero	0.		1.
LC_SU7	LinMoving	1.	Zero	0.		1.
LC_Type 3	LinMoving	1.	Zero	0.		1.
LC_Type 3S2	LinMoving	1.	Zero	0.		1.
LC_Type 3-3	LinMoving	1.	Zero	0.		1.
LC_EV2	LinMoving	1.	Zero	0.		1.
LC_EV3	LinMoving	1.	Zero	0.		1.
LC_EV3-Neg	LinMoving	1.	Zero	0.		1.
LC_Gravel Truck	LinMoving	1.	Zero	0.		1.
LC_Annual Permit 1	LinMoving	1.	Zero	0.		1.
LC_Annual Permit 2	LinMoving	1.	Zero	0.		1.
LC_Overweight Permit	LinMoving	1.	Zero	0.		1.
LC_HS15	LinMoving	1.	Zero	0.		1.

Table 31: Load Case Definitions, Part 2 of 2

Table 31: Load Case Definitions, Part 2 of 2

Case	BaseCase	DesActOpt	MassSource	DesignAct
LC_Dead Load		Prog Det		Non-Composite
LC_Wearing Surface Load		Prog Det		Long-Term Composite
LC_HL93		Prog Det		Short-Term Composite
LC_HS20		Prog Det		Short-Term Composite
LC_Lane		Prog Det		Short-Term Composite
LC_SU4		Prog Det		Short-Term Composite
LC_SU5		Prog Det		Short-Term Composite
LC_SU6		Prog Det		Short-Term Composite
LC_SU7		Prog Det		Short-Term Composite
LC_Type 3		Prog Det		Short-Term Composite
LC_Type 3S2		Prog Det		Short-Term Composite
LC_Type 3-3		Prog Det		Short-Term Composite
LC_EV2		Prog Det		Short-Term Composite
LC_EV3		Prog Det		Short-Term Composite
LC_EV3-Neg		Prog Det		Short-Term Composite
LC_Gravel Truck		Prog Det		Short-Term Composite
LC_Annual Permit 1		Prog Det		Short-Term Composite
LC_Annual Permit 2		Prog Det		Short-Term Composite
LC_Overweight Permit		Prog Det		Short-Term Composite
LC_HS15		Prog Det		Short-Term Composite

5.2. Static case load assignments

Table 32: Case - Static 1 - Load Assignments

Table 32: Case - Static 1 - Load Assignments

Case	LoadType	LoadName	LoadSF
LC_Dead Load	Load pattern	Dead Load	1.
LC_Dead Load	Load pattern	Barrier	1.
LC_Wearing Surface Load	Load pattern	DW	1.

6. Load combinations

This section provides load combination information.

Table 33: Combination Definitions

Table 33: Combination Definitions

ComboName	ComboType	CaseName	ScaleFactor
Design Lcomb	Linear Add	LC_Dead Load	1.25
Design Lcomb		LC_Wearing Surface Load	1.25
Design Lcomb		LC_HL93	1.35
Lcomb_Dead	Linear Add	LC_Dead Load	1.25
Lcomb_Wearing Surface	Linear Add	LC_Wearing Surface Load	1.25
Lcomb_HL93_opr	Linear Add	LC_HL93	1.35
Lcomb_HL93_inv	Linear Add	LC_HL93	1.75
Lcomb_HS20_opr	Linear Add	LC_HS20	1.35
Lcomb_HS20_inv	Linear Add	LC_HS20	1.75
Lcomb_HS15_opr	Linear Add	LC_HS15	1.35
Lcomb_HS15_inv	Linear Add	LC_HS15	1.75
Lcomb_Lane_opr	Linear Add	LC_Lane	1.35
Lcomb_Lane_inv	Linear Add	LC_Lane	1.75
Lcomb_SU4	Linear Add	LC_SU4	1.45
Lcomb_SU5	Linear Add	LC_SU5	1.45
Lcomb_SU6	Linear Add	LC_SU6	1.45
Lcomb_SU7	Linear Add	LC_SU7	1.45
Lcomb_Type 3	Linear Add	LC_Type 3	1.45
Lcomb_Type 3S2	Linear Add	LC_Type 3S2	1.45
Lcomb_Type 3-3	Linear Add	LC_Type 3-3	1.45
Lcomb_Type EV2	Linear Add	LC_EV2	1.45
Lcomb_Type EV3	Linear Add	LC_EV3	1.45
Lcomb_Type EV3-neg	Linear Add	LC_EV3-Neg	1.45
Lcomb_Gravel Truck	Linear Add	LC_Gravel Truck	1.45
Lcomb_Annual Perm 1	Linear Add	LC_Annual Permit 1	1.45
Lcomb_Annual Perm 2	Linear Add	LC_Annual Permit 2	1.45
Lcomb_Overweight Perm	Linear Add	LC_Overweight Permit	1.2
Lcomb_Dead_serv	Linear Add	LC_Dead Load	1.
Lcomb_Wearing Surface_serv	Linear Add	LC_Wearing Surface Load	1.

Table 33: Combination Definitions

ComboName	ComboType	CaseName	ScaleFactor
Lcomb_HL93_opr_serv	Linear Add	LC_HL93	1.
Lcomb_HL93_inv_serv	Linear Add	LC_HL93	1.3
Lcomb_HS20_opr_serv	Linear Add	LC_HS20	1.
Lcomb_HS20_inv_serv	Linear Add	LC_HS20	1.3
Lcomb_HS15_opr_serv	Linear Add	LC_HS15	1.
Lcomb_HS15_inv_serv	Linear Add	LC_HS15	1.3
Lcomb_Lane_opr_serv	Linear Add	LC_Lane	1.
Lcomb_Lane_inv_serv	Linear Add	LC_Lane	1.3
Lcomb_SU4_serv	Linear Add	LC_SU4	1.3
Lcomb_SU5_serv	Linear Add	LC_SU5	1.3
Lcomb_SU6_serv	Linear Add	LC_SU6	1.3
Lcomb_SU7_serv	Linear Add	LC_SU7	1.3
Lcomb_Type 3_serv	Linear Add	LC_Type 3	1.3
Lcomb_Type 3S2_serv	Linear Add	LC_Type 3S2	1.3
Lcomb_Type 3-3_serv	Linear Add	LC_Type 3-3	1.3
Lcomb_EV 2_serv	Linear Add	LC_EV2	1.3
Lcomb_EV 3_serv	Linear Add	LC_EV3	1.3
Lcomb_EV 3-neg_serv	Linear Add	LC_EV3-Neg	1.3
Lcomb_Gravel Truck_serv	Linear Add	LC_Gravel Truck	1.3
Lcomb_Annual Perm 1_serv	Linear Add	LC_Annual Permit 1	1.
Lcomb_Annual Perm 2_serv	Linear Add	LC_Annual Permit 2	1.
Lcomb_Overweight Permit_serv	Linear Add	LC_Overweight Permit	1.

7. Structure results

This section provides structure results, including items such as structural periods and base reactions.

7.1. Base reactions

Table 34: Base Reactions

Table 34: Base Reactions

OutputCase	GlobalFX	GlobalFY	GlobalFZ	GlobalMX	GlobalMY	GlobalMZ
	Kip	Kip	Kip	Kip-ft	Kip-ft	Kip-ft
LC_Dead Load	-3.603E-08	3.498E-10	4663.396	-3.828E-07	-736450.2	-2.618E-07
LC_Wearing Surface Load	-7.489E-09	7.417E-11	655.2	-5.959E-08	-104832.	-4.938E-08

8. Joint results

This section provides joint results, including items such as displacements and reactions.

Table 35: Joint Reactions

Table 35: Joint Reactions

Joint	OutputCase	F1	F2	F3	M1	M2	M3
		Kip	Kip	Kip	Kip-ft	Kip-ft	Kip-ft
1723	LC_Dead Load	146.874	11.359	9.689E-15	-4.992E-15	-4.992E-15	81.526
1723	LC_Wearing Surface Load	10.535	1.625	7.446E-16	-7.140E-16	-7.140E-16	11.66
1725	LC_Dead Load	205.03	1.251E-09	1.255E-14	0.	0.	9.895E-09
1725	LC_Wearing Surface Load	22.531	1.983E-10	1.380E-15	0.	0.	1.587E-09
1727	LC_Dead Load	146.874	-11.359	8.298E-15	4.992E-15	4.992E-15	-81.526
1727	LC_Wearing Surface Load	10.535	-1.625	5.456E-16	7.140E-16	7.140E-16	-11.66
1731	LC_Dead Load	274.942	22.363	0.184	0.0162	-4.7968	161.5461
1731	LC_Wearing Surface Load	34.576	4.86	0.053	0.064	-1.4261	35.1192
1733	LC_Dead Load	373.284	-3.616E-10	0.264	4.946E-10	-6.2374	-8.050E-09
1733	LC_Wearing Surface Load	72.052	-9.771E-11	0.09	9.694E-11	-2.0607	-1.919E-09
1735	LC_Dead Load	274.942	-22.363	0.184	-0.0162	-4.7968	-161.5461
1735	LC_Wearing Surface Load	34.576	-4.86	0.053	-0.064	-1.4261	-35.1192
1739	LC_Dead Load	268.437	22.024	0.237	-0.4417	-5.6026	159.0811
1739	LC_Wearing Surface Load	33.632	4.756	0.043	-0.0102	-1.0521	34.3691
1741	LC_Dead Load	367.427	2.241E-09	0.109	1.481E-10	-3.3681	2.151E-08
1741	LC_Wearing Surface Load	70.493	4.851E-10	0.037	-1.340E-11	-0.947	4.766E-09
1743	LC_Dead Load	268.437	-22.024	0.237	0.4417	-5.6026	-159.0811
1743	LC_Wearing Surface Load	33.632	-4.756	0.043	0.0102	-1.0521	-34.3691
1747	LC_Dead Load	268.522	22.031	-0.219	0.5462	5.1436	159.1276
1747	LC_Wearing Surface Load	33.67	4.761	-0.036	0.0413	0.8766	34.4018
1749	LC_Dead Load	367.497	-2.340E-09	-0.092	1.219E-10	2.965	-2.038E-08

Table 35: Joint Reactions

Joint	OutputCase	F1	F2	F3	M1	M2	M3
		Kip	Kip	Kip	Kip-ft	Kip-ft	Kip-ft
1749	LC_Wearing Surface Load	70.558	-5.075E-10	-0.029	1.202E-10	0.7515	-4.409E-09
1751	LC_Dead Load	268.522	-22.031	-0.219	-0.5462	5.1436	-159.1276
1751	LC_Wearing Surface Load	33.67	-4.761	-0.036	-0.0413	0.8766	-34.4018
1755	LC_Dead Load	274.6	22.344	-0.234	0.496	5.7647	161.4126
1755	LC_Wearing Surface Load	34.426	4.837	-0.061	-0.032	1.6116	34.9561
1757	LC_Dead Load	373.182	1.014E-09	-0.219	-1.112E-10	5.6225	1.182E-08
1757	LC_Wearing Surface Load	71.729	2.028E-10	-0.096	5.444E-11	2.2361	2.302E-09
1759	LC_Dead Load	274.6	-22.344	-0.234	-0.496	5.7647	-161.4126
1759	LC_Wearing Surface Load	34.426	-4.837	-0.061	0.032	1.6116	-34.9561
1763	LC_Dead Load	152.248	11.362	1.071E-14	-4.993E-15	-9.987E-15	81.5483
1763	LC_Wearing Surface Load	13.003	2.035	1.045E-15	-8.944E-16	-1.789E-15	14.6061
1765	LC_Dead Load	205.73	8.406E-11	1.260E-14	0.	0.	8.944E-10
1765	LC_Wearing Surface Load	28.154	1.622E-11	1.724E-15	0.	0.	1.553E-10
1767	LC_Dead Load	152.248	-11.362	7.931E-15	4.993E-15	9.987E-15	-81.5483
1767	LC_Wearing Surface Load	13.003	-2.035	5.470E-16	8.944E-16	1.789E-15	-14.6061

9. Bridge object forces

This section provides bridge object forces at the program determined section cuts.

Table 36: Bridge Object Forces, Part 1 of 3

Table 36: Bridge Object Forces, Part 1 of 3

BridgeObj	BridgeCut	Distance	LocType	OutputCase	CaseType	P	V2	V3
		ft				Kip	Kip	Kip
BOBJ1	1	0.	After	LC_Dead Load	LinStatic	-9.530E-09	-176.599	2.194E-10
BOBJ1	2	9.4	Before	LC_Dead Load	LinStatic	-9.531E-09	-115.644	2.195E-10
BOBJ1	3	9.4	After	LC_Dead Load	LinStatic	-9.529E-09	-94.86	2.194E-10
BOBJ1	4	18.8	Before	LC_Dead Load	LinStatic	-9.532E-09	-33.906	2.193E-10
BOBJ1	5	18.8	After	LC_Dead Load	LinStatic	1.748E-08	-9.645	2.168E-10
BOBJ1	6	28.2	Before	LC_Dead Load	LinStatic	1.748E-08	51.309	2.169E-10
BOBJ1	7	28.2	After	LC_Dead Load	LinStatic	1.748E-08	72.093	2.168E-10
BOBJ1	8	37.6	Before	LC_Dead Load	LinStatic	1.747E-08	133.047	2.170E-10
BOBJ1	9	37.6	After	LC_Dead Load	LinStatic	-4.720E-09	157.319	1.998E-10
BOBJ1	10	47.01	Before	LC_Dead Load	LinStatic	-4.720E-09	218.338	1.999E-10
BOBJ1	11	47.01	After	LC_Dead Load	LinStatic	-4.716E-09	231.772	1.876E-10

Table 36: Bridge Object Forces, Part 1 of 3

BridgeObj	BridgeCut	Distance	LocType	OutputCase	CaseType	P	V2	V3
		ft				Kip	Kip	Kip
BOBJ1	16	56.42	Before	LC_Dead Load	LinStatic	-4.721E-09	304.746	1.578E-10
BOBJ1	17	56.42	After	LC_Dead Load	LinStatic	-0.633	-291.891	1.987E-09
BOBJ1	22	64.845	Before	LC_Dead Load	LinStatic	-0.633	-226.394	1.978E-09
BOBJ1	23	64.845	After	LC_Dead Load	LinStatic	-0.633	-218.842	2.005E-09
BOBJ1	26	73.27	Before	LC_Dead Load	LinStatic	-0.633	-155.251	2.005E-09
BOBJ1	27	73.27	After	LC_Dead Load	LinStatic	-0.633	-138.756	1.979E-09
BOBJ1	28	81.695	Before	LC_Dead Load	LinStatic	-0.633	-85.018	1.979E-09
BOBJ1	29	81.695	After	LC_Dead Load	LinStatic	-0.633	-66.39	1.979E-09
BOBJ1	30	90.12	Before	LC_Dead Load	LinStatic	-0.633	-12.651	1.979E-09
BOBJ1	31	90.12	After	LC_Dead Load	LinStatic	-0.633	9.454	1.997E-09
BOBJ1	32	98.545	Before	LC_Dead Load	LinStatic	-0.633	63.193	1.997E-09
BOBJ1	33	98.545	After	LC_Dead Load	LinStatic	-0.633	81.821	1.996E-09
BOBJ1	34	106.97	Before	LC_Dead Load	LinStatic	-0.633	135.559	1.996E-09
BOBJ1	35	106.97	After	LC_Dead Load	LinStatic	-0.633	157.676	1.980E-09
BOBJ1	36	115.405	Before	LC_Dead Load	LinStatic	-0.633	211.478	1.980E-09
BOBJ1	37	115.405	After	LC_Dead Load	LinStatic	-0.633	222.203	1.963E-09
BOBJ1	42	123.84	Before	LC_Dead Load	LinStatic	-0.633	287.594	1.992E-09
BOBJ1	43	123.84	After	LC_Dead Load	LinStatic	-1.216	-289.073	6.529E-10
BOBJ1	48	132.265	Before	LC_Dead Load	LinStatic	-1.216	-223.757	6.331E-10
BOBJ1	49	132.265	After	LC_Dead Load	LinStatic	-1.216	-213.054	6.216E-10
BOBJ1	50	140.69	Before	LC_Dead Load	LinStatic	-1.216	-159.315	6.216E-10
BOBJ1	51	140.69	After	LC_Dead Load	LinStatic	-1.216	-137.21	6.492E-10
BOBJ1	52	149.115	Before	LC_Dead Load	LinStatic	-1.216	-83.472	6.492E-10
BOBJ1	53	149.115	After	LC_Dead Load	LinStatic	-1.216	-64.843	6.493E-10
BOBJ1	54	157.54	Before	LC_Dead Load	LinStatic	-1.216	-11.105	6.492E-10
BOBJ1	55	157.54	After	LC_Dead Load	LinStatic	-1.216	11.	7.495E-10
BOBJ1	56	165.965	Before	LC_Dead Load	LinStatic	-1.216	64.739	7.493E-10
BOBJ1	57	165.965	After	LC_Dead Load	LinStatic	-1.216	83.367	7.494E-10
BOBJ1	58	174.39	Before	LC_Dead Load	LinStatic	-1.216	137.105	7.494E-10
BOBJ1	59	174.39	After	LC_Dead Load	LinStatic	-1.216	159.222	7.422E-10

Table 36: Bridge Object Forces, Part 1 of 3

BridgeObj	BridgeCut	Distance	LocType	OutputCase	CaseType	P	V2	V3
		ft				Kip	Kip	Kip
BOBJ1	60	182.825	Before	LC_Dead Load	LinStatic	-1.216	213.024	7.423E-10
BOBJ1	61	182.825	After	LC_Dead Load	LinStatic	-1.216	223.75	7.758E-10
BOBJ1	66	191.26	Before	LC_Dead Load	LinStatic	-1.216	289.14	7.730E-10
BOBJ1	67	191.26	After	LC_Dead Load	LinStatic	-0.686	-287.766	2.679E-09
BOBJ1	72	199.685	Before	LC_Dead Load	LinStatic	-0.686	-222.451	2.662E-09
BOBJ1	73	199.685	After	LC_Dead Load	LinStatic	-0.686	-211.747	2.647E-09
BOBJ1	74	208.11	Before	LC_Dead Load	LinStatic	-0.686	-158.009	2.647E-09
BOBJ1	75	208.11	After	LC_Dead Load	LinStatic	-0.686	-135.903	2.663E-09
BOBJ1	76	216.535	Before	LC_Dead Load	LinStatic	-0.686	-82.165	2.662E-09
BOBJ1	77	216.535	After	LC_Dead Load	LinStatic	-0.686	-63.537	2.662E-09
BOBJ1	78	224.96	Before	LC_Dead Load	LinStatic	-0.686	-9.798	2.662E-09
BOBJ1	79	224.96	After	LC_Dead Load	LinStatic	-0.686	12.307	2.696E-09
BOBJ1	80	233.385	Before	LC_Dead Load	LinStatic	-0.686	66.045	2.696E-09
BOBJ1	81	233.385	After	LC_Dead Load	LinStatic	-0.686	84.674	2.696E-09
BOBJ1	82	241.81	Before	LC_Dead Load	LinStatic	-0.686	138.412	2.696E-09
BOBJ1	83	241.81	After	LC_Dead Load	LinStatic	-0.686	154.929	2.656E-09
BOBJ1	86	250.245	Before	LC_Dead Load	LinStatic	-0.686	218.593	2.656E-09
BOBJ1	87	250.245	After	LC_Dead Load	LinStatic	-0.686	226.146	2.649E-09
BOBJ1	92	258.68	Before	LC_Dead Load	LinStatic	-0.686	291.719	2.639E-09
BOBJ1	93	258.68	After	LC_Dead Load	LinStatic	4.630E-08	-304.133	4.830E-10
BOBJ1	98	268.08	Before	LC_Dead Load	LinStatic	4.630E-08	-231.235	4.383E-10
BOBJ1	99	268.08	After	LC_Dead Load	LinStatic	4.630E-08	-217.823	4.411E-10
BOBJ1	100	277.48	Before	LC_Dead Load	LinStatic	4.630E-08	-156.869	4.410E-10
BOBJ1	101	277.48	After	LC_Dead Load	LinStatic	5.874E-08	-132.608	4.568E-10
BOBJ1	102	286.88	Before	LC_Dead Load	LinStatic	5.874E-08	-71.654	4.567E-10
BOBJ1	103	286.88	After	LC_Dead Load	LinStatic	5.874E-08	-50.87	4.566E-10
BOBJ1	104	296.28	Before	LC_Dead Load	LinStatic	5.874E-08	10.084	4.565E-10
BOBJ1	105	296.28	After	LC_Dead Load	LinStatic	3.764E-08	34.356	4.198E-10
BOBJ1	106	305.69	Before	LC_Dead Load	LinStatic	3.764E-08	95.375	4.198E-10
BOBJ1	107	305.69	After	LC_Dead Load	LinStatic	3.764E-08	116.181	4.196E-10

Table 36: Bridge Object Forces, Part 1 of 3

BridgeObj	BridgeCut	Distance	LocType	OutputCase	CaseType	P	V2	V3
		ft				Kip	Kip	Kip
BOBJ1	108	315.1	Before	LC_Dead Load	LinStatic	3.764E-08	177.2	4.195E-10
BOBJ1	1	0.	After	LC_Wearing Surface Load	LinStatic	-2.422E-09	-33.978	3.175E-11
BOBJ1	2	9.4	Before	LC_Wearing Surface Load	LinStatic	-2.422E-09	-33.978	3.175E-11
BOBJ1	3	9.4	After	LC_Wearing Surface Load	LinStatic	-2.422E-09	-14.732	3.173E-11
BOBJ1	4	18.8	Before	LC_Wearing Surface Load	LinStatic	-2.422E-09	-14.732	3.171E-11
BOBJ1	5	18.8	After	LC_Wearing Surface Load	LinStatic	5.524E-09	4.515	3.103E-11
BOBJ1	6	28.2	Before	LC_Wearing Surface Load	LinStatic	5.524E-09	4.515	3.105E-11
BOBJ1	7	28.2	After	LC_Wearing Surface Load	LinStatic	5.524E-09	23.761	3.105E-11
BOBJ1	8	37.6	Before	LC_Wearing Surface Load	LinStatic	5.524E-09	23.761	3.107E-11
BOBJ1	9	37.6	After	LC_Wearing Surface Load	LinStatic	1.692E-10	43.018	3.587E-11
BOBJ1	10	47.01	Before	LC_Wearing Surface Load	LinStatic	1.691E-10	43.018	3.589E-11
BOBJ1	11	47.01	After	LC_Wearing Surface Load	LinStatic	1.692E-10	57.166	4.659E-11
BOBJ1	16	56.42	Before	LC_Wearing Surface Load	LinStatic	1.686E-10	66.8	8.442E-11
BOBJ1	17	56.42	After	LC_Wearing Surface Load	LinStatic	-0.197	-64.166	4.498E-10
BOBJ1	22	64.845	Before	LC_Wearing Surface Load	LinStatic	-0.197	-55.541	4.506E-10
BOBJ1	23	64.845	After	LC_Wearing Surface Load	LinStatic	-0.197	-46.839	4.319E-10
BOBJ1	26	73.27	Before	LC_Wearing Surface Load	LinStatic	-0.197	-38.214	4.319E-10
BOBJ1	27	73.27	After	LC_Wearing Surface Load	LinStatic	-0.197	-26.159	4.414E-10
BOBJ1	28	81.695	Before	LC_Wearing Surface Load	LinStatic	-0.197	-26.159	4.414E-10
BOBJ1	29	81.695	After	LC_Wearing Surface Load	LinStatic	-0.197	-8.909	4.414E-10
BOBJ1	30	90.12	Before	LC_Wearing Surface Load	LinStatic	-0.197	-8.909	4.413E-10
BOBJ1	31	90.12	After	LC_Wearing Surface Load	LinStatic	-0.197	8.341	4.381E-10
BOBJ1	32	98.545	Before	LC_Wearing Surface Load	LinStatic	-0.197	8.341	4.381E-10
BOBJ1	33	98.545	After	LC_Wearing Surface Load	LinStatic	-0.197	25.591	4.381E-10
BOBJ1	34	106.97	Before	LC_Wearing Surface Load	LinStatic	-0.197	25.591	4.381E-10
BOBJ1	35	106.97	After	LC_Wearing Surface Load	LinStatic	-0.197	42.852	4.436E-10
BOBJ1	36	115.405	Before	LC_Wearing Surface Load	LinStatic	-0.197	42.852	4.436E-10
BOBJ1	37	115.405	After	LC_Wearing Surface Load	LinStatic	-0.197	54.492	4.679E-10
BOBJ1	42	123.84	Before	LC_Wearing Surface Load	LinStatic	-0.197	63.127	4.117E-10
BOBJ1	43	123.84	After	LC_Wearing Surface Load	LinStatic	-0.319	-63.369	4.097E-11

Table 36: Bridge Object Forces, Part 1 of 3

BridgeObj	BridgeCut	Distance	LocType	OutputCase	CaseType	P	V2	V3
		ft				Kip	Kip	Kip
BOBJ1	48	132.265	Before	LC_Wearing Surface Load	LinStatic	-0.319	-54.744	5.226E-11
BOBJ1	49	132.265	After	LC_Wearing Surface Load	LinStatic	-0.319	-43.124	7.761E-11
BOBJ1	50	140.69	Before	LC_Wearing Surface Load	LinStatic	-0.319	-43.124	7.761E-11
BOBJ1	51	140.69	After	LC_Wearing Surface Load	LinStatic	-0.319	-25.874	6.777E-11
BOBJ1	52	149.115	Before	LC_Wearing Surface Load	LinStatic	-0.319	-25.874	6.777E-11
BOBJ1	53	149.115	After	LC_Wearing Surface Load	LinStatic	-0.319	-8.624	6.778E-11
BOBJ1	54	157.54	Before	LC_Wearing Surface Load	LinStatic	-0.319	-8.624	6.778E-11
BOBJ1	55	157.54	After	LC_Wearing Surface Load	LinStatic	-0.319	8.627	4.639E-11
BOBJ1	56	165.965	Before	LC_Wearing Surface Load	LinStatic	-0.319	8.627	4.638E-11
BOBJ1	57	165.965	After	LC_Wearing Surface Load	LinStatic	-0.319	25.877	4.639E-11
BOBJ1	58	174.39	Before	LC_Wearing Surface Load	LinStatic	-0.319	25.877	4.639E-11
BOBJ1	59	174.39	After	LC_Wearing Surface Load	LinStatic	-0.319	43.137	4.705E-11
BOBJ1	60	182.825	Before	LC_Wearing Surface Load	LinStatic	-0.319	43.137	4.708E-11
BOBJ1	61	182.825	After	LC_Wearing Surface Load	LinStatic	-0.319	54.777	1.319E-11
BOBJ1	66	191.26	Before	LC_Wearing Surface Load	LinStatic	-0.319	63.413	-1.635E-12
BOBJ1	67	191.26	After	LC_Wearing Surface Load	LinStatic	-0.218	-63.224	3.716E-10
BOBJ1	72	199.685	Before	LC_Wearing Surface Load	LinStatic	-0.218	-54.599	3.974E-10
BOBJ1	73	199.685	After	LC_Wearing Surface Load	LinStatic	-0.218	-42.98	4.238E-10
BOBJ1	74	208.11	Before	LC_Wearing Surface Load	LinStatic	-0.218	-42.98	4.238E-10
BOBJ1	75	208.11	After	LC_Wearing Surface Load	LinStatic	-0.218	-25.73	4.184E-10
BOBJ1	76	216.535	Before	LC_Wearing Surface Load	LinStatic	-0.218	-25.73	4.184E-10
BOBJ1	77	216.535	After	LC_Wearing Surface Load	LinStatic	-0.218	-8.479	4.183E-10
BOBJ1	78	224.96	Before	LC_Wearing Surface Load	LinStatic	-0.218	-8.479	4.183E-10
BOBJ1	79	224.96	After	LC_Wearing Surface Load	LinStatic	-0.218	8.771	4.100E-10
BOBJ1	80	233.385	Before	LC_Wearing Surface Load	LinStatic	-0.218	8.771	4.100E-10
BOBJ1	81	233.385	After	LC_Wearing Surface Load	LinStatic	-0.218	26.021	4.100E-10
BOBJ1	82	241.81	Before	LC_Wearing Surface Load	LinStatic	-0.218	26.021	4.100E-10
BOBJ1	83	241.81	After	LC_Wearing Surface Load	LinStatic	-0.218	38.096	4.268E-10
BOBJ1	86	250.245	Before	LC_Wearing Surface Load	LinStatic	-0.218	46.731	4.268E-10
BOBJ1	87	250.245	After	LC_Wearing Surface Load	LinStatic	-0.218	55.433	4.379E-10

Table 36: Bridge Object Forces, Part 1 of 3

BridgeObj	BridgeCut	Distance	LocType	OutputCase	CaseType	P	V2	V3
		ft				Kip	Kip	Kip
BOBJ1	92	258.68	Before	LC_Wearing Surface Load	LinStatic	-0.218	64.069	4.395E-10
BOBJ1	93	258.68	After	LC_Wearing Surface Load	LinStatic	1.076E-08	-66.274	4.008E-11
BOBJ1	98	268.08	Before	LC_Wearing Surface Load	LinStatic	1.076E-08	-56.651	9.174E-11
BOBJ1	99	268.08	After	LC_Wearing Surface Load	LinStatic	1.076E-08	-42.523	8.822E-11
BOBJ1	100	277.48	Before	LC_Wearing Surface Load	LinStatic	1.076E-08	-42.523	8.821E-11
BOBJ1	101	277.48	After	LC_Wearing Surface Load	LinStatic	1.384E-08	-23.276	8.381E-11
BOBJ1	102	286.88	Before	LC_Wearing Surface Load	LinStatic	1.384E-08	-23.276	8.380E-11
BOBJ1	103	286.88	After	LC_Wearing Surface Load	LinStatic	1.384E-08	-4.03	8.378E-11
BOBJ1	104	296.28	Before	LC_Wearing Surface Load	LinStatic	1.384E-08	-4.03	8.376E-11
BOBJ1	105	296.28	After	LC_Wearing Surface Load	LinStatic	8.457E-09	15.227	9.103E-11
BOBJ1	106	305.69	Before	LC_Wearing Surface Load	LinStatic	8.457E-09	15.227	9.104E-11
BOBJ1	107	305.69	After	LC_Wearing Surface Load	LinStatic	8.458E-09	34.494	9.102E-11
BOBJ1	108	315.1	Before	LC_Wearing Surface Load	LinStatic	8.458E-09	34.494	9.101E-11

Table 36: Bridge Object Forces, Part 2 of 3

Table 36: Bridge Object Forces, Part 2 of 3

BridgeObj	BridgeCut	Distance	LocType	OutputCase	T	M2	M3	GlobalX
		ft			Kip-ft	Kip-ft	Kip-ft	ft
BOBJ1	1	0.	After	LC_Dead Load	-9.950E-09	5.325E-07	-0.1444	0.
BOBJ1	2	9.4	Before	LC_Dead Load	-9.997E-09	5.304E-07	1373.3973	9.4
BOBJ1	3	9.4	After	LC_Dead Load	-9.894E-09	5.304E-07	1373.3973	9.4
BOBJ1	4	18.8	Before	LC_Dead Load	-9.952E-09	5.284E-07	1978.5996	18.8
BOBJ1	5	18.8	After	LC_Dead Load	1.763E-08	6.003E-07	1978.5996	18.8
BOBJ1	6	28.2	Before	LC_Dead Load	1.764E-08	5.982E-07	1782.78	28.2
BOBJ1	7	28.2	After	LC_Dead Load	1.763E-08	5.982E-07	1782.78	28.2
BOBJ1	8	37.6	Before	LC_Dead Load	1.761E-08	5.962E-07	818.6209	37.6
BOBJ1	9	37.6	After	LC_Dead Load	6.929E-08	4.001E-07	818.6209	37.6
BOBJ1	10	47.01	Before	LC_Dead Load	6.933E-08	3.982E-07	-948.847	47.01
BOBJ1	11	47.01	After	LC_Dead Load	6.922E-08	3.983E-07	-948.847	47.01
BOBJ1	16	56.42	Before	LC_Dead Load	6.927E-08	3.966E-07	-3491.0313	56.42
BOBJ1	17	56.42	After	LC_Dead Load	-7.638E-09	4.038E-07	-3492.9392	56.42

Table 36: Bridge Object Forces, Part 2 of 3

BridgeObj	BridgeCut	Distance	LocType	OutputCase	T	M2	M3	GlobalX
		ft			Kip-ft	Kip-ft	Kip-ft	ft
BOBJ1	22	64.845	Before	LC_Dead Load	-7.694E-09	3.871E-07	-1288.6351	64.845
BOBJ1	23	64.845	After	LC_Dead Load	-7.602E-09	3.871E-07	-1288.6351	64.845
BOBJ1	26	73.27	Before	LC_Dead Load	-7.697E-09	3.702E-07	294.3372	73.27
BOBJ1	27	73.27	After	LC_Dead Load	-2.083E-08	8.539E-08	294.3372	73.27
BOBJ1	28	81.695	Before	LC_Dead Load	-2.082E-08	6.872E-08	1236.9856	81.695
BOBJ1	29	81.695	After	LC_Dead Load	-2.081E-08	6.870E-08	1236.9856	81.695
BOBJ1	30	90.12	Before	LC_Dead Load	-2.085E-08	5.203E-08	1569.9441	90.12
BOBJ1	31	90.12	After	LC_Dead Load	-3.106E-08	7.605E-08	1569.9441	90.12
BOBJ1	32	98.545	Before	LC_Dead Load	-3.099E-08	5.922E-08	1263.9202	98.545
BOBJ1	33	98.545	After	LC_Dead Load	-3.095E-08	5.924E-08	1263.9202	98.545
BOBJ1	34	106.97	Before	LC_Dead Load	-3.095E-08	4.241E-08	348.2063	106.97
BOBJ1	35	106.97	After	LC_Dead Load	-1.885E-08	1.211E-07	348.2063	106.97
BOBJ1	36	115.405	Before	LC_Dead Load	-1.886E-08	1.044E-07	-1208.6978	115.405
BOBJ1	37	115.405	After	LC_Dead Load	-1.854E-08	1.044E-07	-1208.6978	115.405
BOBJ1	42	123.84	Before	LC_Dead Load	-1.917E-08	8.763E-08	-3383.8794	123.84
BOBJ1	43	123.84	After	LC_Dead Load	7.064E-08	1.168E-07	-3385.6487	123.84
BOBJ1	48	132.265	Before	LC_Dead Load	7.012E-08	1.113E-07	-1200.286	132.265
BOBJ1	49	132.265	After	LC_Dead Load	7.198E-08	1.113E-07	-1200.286	132.265
BOBJ1	50	140.69	Before	LC_Dead Load	7.193E-08	1.060E-07	368.3182	140.69
BOBJ1	51	140.69	After	LC_Dead Load	6.194E-08	-1.184E-07	368.3182	140.69
BOBJ1	52	149.115	Before	LC_Dead Load	6.192E-08	-1.239E-07	1297.94	149.115
BOBJ1	53	149.115	After	LC_Dead Load	6.188E-08	-1.239E-07	1297.94	149.115
BOBJ1	54	157.54	Before	LC_Dead Load	6.185E-08	-1.294E-07	1617.8718	157.54
BOBJ1	55	157.54	After	LC_Dead Load	-4.008E-08	-1.291E-07	1617.8718	157.54
BOBJ1	56	165.965	Before	LC_Dead Load	-4.004E-08	-1.354E-07	1298.8211	165.965
BOBJ1	57	165.965	After	LC_Dead Load	-4.004E-08	-1.354E-07	1298.8211	165.965
BOBJ1	58	174.39	Before	LC_Dead Load	-4.008E-08	-1.418E-07	370.0804	174.39
BOBJ1	59	174.39	After	LC_Dead Load	-4.732E-08	8.273E-08	370.0804	174.39
BOBJ1	60	182.825	Before	LC_Dead Load	-4.733E-08	7.647E-08	-1199.8658	182.825
BOBJ1	61	182.825	After	LC_Dead Load	-4.667E-08	7.645E-08	-1199.8658	182.825

Table 36: Bridge Object Forces, Part 2 of 3

BridgeObj	BridgeCut	Distance	LocType	OutputCase	T	M2	M3	GlobalX
		ft			Kip-ft	Kip-ft	Kip-ft	ft
BOBJ1	66	191.26	Before	LC_Dead Load	-4.691E-08	6.994E-08	-3388.0186	191.26
BOBJ1	67	191.26	After	LC_Dead Load	4.545E-08	5.591E-08	-3386.6853	191.26
BOBJ1	72	199.685	Before	LC_Dead Load	4.499E-08	3.334E-08	-1212.2666	199.685
BOBJ1	73	199.685	After	LC_Dead Load	4.530E-08	3.334E-08	-1212.2666	199.685
BOBJ1	74	208.11	Before	LC_Dead Load	4.531E-08	1.105E-08	345.329	208.11
BOBJ1	75	208.11	After	LC_Dead Load	3.635E-08	-1.995E-07	345.329	208.11
BOBJ1	76	216.535	Before	LC_Dead Load	3.638E-08	-2.219E-07	1263.9421	216.535
BOBJ1	77	216.535	After	LC_Dead Load	3.639E-08	-2.219E-07	1263.9421	216.535
BOBJ1	78	224.96	Before	LC_Dead Load	3.640E-08	-2.444E-07	1572.8653	224.96
BOBJ1	79	224.96	After	LC_Dead Load	4.641E-08	-2.282E-07	1572.8653	224.96
BOBJ1	80	233.385	Before	LC_Dead Load	4.636E-08	-2.509E-07	1242.806	233.385
BOBJ1	81	233.385	After	LC_Dead Load	4.629E-08	-2.509E-07	1242.806	233.385
BOBJ1	82	241.81	Before	LC_Dead Load	4.629E-08	-2.736E-07	303.0568	241.81
BOBJ1	83	241.81	After	LC_Dead Load	-1.025E-08	-3.627E-07	303.0568	241.81
BOBJ1	86	250.245	Before	LC_Dead Load	-1.010E-08	-3.851E-07	-1279.2449	250.245
BOBJ1	87	250.245	After	LC_Dead Load	-1.009E-08	-3.851E-07	-1279.2449	250.245
BOBJ1	92	258.68	Before	LC_Dead Load	-9.662E-09	-4.074E-07	-3484.335	258.68
BOBJ1	93	258.68	After	LC_Dead Load	4.667E-08	-4.409E-07	-3482.5687	258.68
BOBJ1	98	268.08	Before	LC_Dead Load	4.674E-08	-4.452E-07	-948.4334	268.08
BOBJ1	99	268.08	After	LC_Dead Load	4.673E-08	-4.452E-07	-948.4334	268.08
BOBJ1	100	277.48	Before	LC_Dead Load	4.673E-08	-4.494E-07	812.6213	277.48
BOBJ1	101	277.48	After	LC_Dead Load	9.139E-09	-3.516E-07	812.6213	277.48
BOBJ1	102	286.88	Before	LC_Dead Load	9.155E-09	-3.559E-07	1772.654	286.88
BOBJ1	103	286.88	After	LC_Dead Load	8.934E-09	-3.559E-07	1772.654	286.88
BOBJ1	104	296.28	Before	LC_Dead Load	8.901E-09	-3.602E-07	1964.3474	296.28
BOBJ1	105	296.28	After	LC_Dead Load	2.431E-09	-4.743E-07	1964.3474	296.28
BOBJ1	106	305.69	Before	LC_Dead Load	2.460E-09	-4.782E-07	1353.9614	305.69
BOBJ1	107	305.69	After	LC_Dead Load	2.449E-09	-4.782E-07	1353.9614	305.69
BOBJ1	108	315.1	Before	LC_Dead Load	2.439E-09	-4.822E-07	-26.3996	315.1
BOBJ1	1	0.	After	LC_Wearing Surface Load	-4.874E-10	1.194E-07	-2.876E-08	0.

Table 36: Bridge Object Forces, Part 2 of 3

BridgeObj	BridgeCut	Distance	LocType	OutputCase	T	M2	M3	GlobalX
		ft			Kip-ft	Kip-ft	Kip-ft	ft
BOBJ1	2	9.4	Before	LC_Wearing Surface Load	-4.942E-10	1.191E-07	319.3941	9.4
BOBJ1	3	9.4	After	LC_Wearing Surface Load	-4.812E-10	1.191E-07	319.3941	9.4
BOBJ1	4	18.8	Before	LC_Wearing Surface Load	-4.858E-10	1.188E-07	457.871	18.8
BOBJ1	5	18.8	After	LC_Wearing Surface Load	4.139E-09	1.406E-07	457.871	18.8
BOBJ1	6	28.2	Before	LC_Wearing Surface Load	4.141E-09	1.403E-07	415.4309	28.2
BOBJ1	7	28.2	After	LC_Wearing Surface Load	4.137E-09	1.404E-07	415.4309	28.2
BOBJ1	8	37.6	Before	LC_Wearing Surface Load	4.144E-09	1.401E-07	192.0736	37.6
BOBJ1	9	37.6	After	LC_Wearing Surface Load	1.634E-08	9.330E-08	192.0736	37.6
BOBJ1	10	47.01	Before	LC_Wearing Surface Load	1.634E-08	9.296E-08	-212.7271	47.01
BOBJ1	11	47.01	After	LC_Wearing Surface Load	1.634E-08	9.296E-08	-212.7271	47.01
BOBJ1	16	56.42	Before	LC_Wearing Surface Load	1.638E-08	9.237E-08	-798.8301	56.42
BOBJ1	17	56.42	After	LC_Wearing Surface Load	-3.811E-09	9.285E-08	-799.3774	56.42
BOBJ1	22	64.845	Before	LC_Wearing Surface Load	-3.802E-09	8.905E-08	-288.3353	64.845
BOBJ1	23	64.845	After	LC_Wearing Surface Load	-3.823E-09	8.905E-08	-288.3353	64.845
BOBJ1	26	73.27	Before	LC_Wearing Surface Load	-3.843E-09	8.541E-08	77.3835	73.27
BOBJ1	27	73.27	After	LC_Wearing Surface Load	-2.989E-09	2.894E-08	77.3835	73.27
BOBJ1	28	81.695	Before	LC_Wearing Surface Load	-2.987E-09	2.522E-08	297.7769	81.695
BOBJ1	29	81.695	After	LC_Wearing Surface Load	-2.990E-09	2.521E-08	297.7769	81.695
BOBJ1	30	90.12	Before	LC_Wearing Surface Load	-2.996E-09	2.149E-08	372.8374	90.12
BOBJ1	31	90.12	After	LC_Wearing Surface Load	-4.826E-09	2.832E-08	372.8374	90.12
BOBJ1	32	98.545	Before	LC_Wearing Surface Load	-4.810E-09	2.463E-08	302.5652	98.545
BOBJ1	33	98.545	After	LC_Wearing Surface Load	-4.810E-09	2.463E-08	302.5652	98.545
BOBJ1	34	106.97	Before	LC_Wearing Surface Load	-4.809E-09	2.094E-08	86.9601	106.97
BOBJ1	35	106.97	After	LC_Wearing Surface Load	-1.663E-09	3.951E-08	86.9601	106.97
BOBJ1	36	115.405	Before	LC_Wearing Surface Load	-1.666E-09	3.577E-08	-274.4926	115.405
BOBJ1	37	115.405	After	LC_Wearing Surface Load	-1.629E-09	3.577E-08	-274.4926	115.405
BOBJ1	42	123.84	Before	LC_Wearing Surface Load	-1.753E-09	3.226E-08	-781.5994	123.84
BOBJ1	43	123.84	After	LC_Wearing Surface Load	9.759E-09	3.758E-08	-781.9396	123.84
BOBJ1	48	132.265	Before	LC_Wearing Surface Load	1.003E-08	3.733E-08	-273.3258	132.265
BOBJ1	49	132.265	After	LC_Wearing Surface Load	1.008E-08	3.732E-08	-273.3258	132.265

Table 36: Bridge Object Forces, Part 2 of 3

BridgeObj	BridgeCut	Distance	LocType	OutputCase	T	M2	M3	GlobalX
		ft			Kip-ft	Kip-ft	Kip-ft	ft
BOBJ1	50	140.69	Before	LC_Wearing Surface Load	1.008E-08	3.666E-08	89.9939	140.69
BOBJ1	51	140.69	After	LC_Wearing Surface Load	8.384E-09	-2.737E-09	89.9939	140.69
BOBJ1	52	149.115	Before	LC_Wearing Surface Load	8.378E-09	-3.308E-09	307.9808	149.115
BOBJ1	53	149.115	After	LC_Wearing Surface Load	8.372E-09	-3.308E-09	307.9808	149.115
BOBJ1	54	157.54	Before	LC_Wearing Surface Load	8.368E-09	-3.881E-09	380.6349	157.54
BOBJ1	55	157.54	After	LC_Wearing Surface Load	-6.715E-09	-3.767E-09	380.6349	157.54
BOBJ1	56	165.965	Before	LC_Wearing Surface Load	-6.706E-09	-4.161E-09	307.9561	165.965
BOBJ1	57	165.965	After	LC_Wearing Surface Load	-6.709E-09	-4.164E-09	307.9561	165.965
BOBJ1	58	174.39	Before	LC_Wearing Surface Load	-6.714E-09	-4.554E-09	89.9446	174.39
BOBJ1	59	174.39	After	LC_Wearing Surface Load	-5.664E-09	2.854E-08	89.9446	174.39
BOBJ1	60	182.825	Before	LC_Wearing Surface Load	-5.663E-09	2.814E-08	-273.9175	182.825
BOBJ1	61	182.825	After	LC_Wearing Surface Load	-5.676E-09	2.814E-08	-273.9175	182.825
BOBJ1	66	191.26	Before	LC_Wearing Surface Load	-5.642E-09	2.814E-08	-783.4188	191.26
BOBJ1	67	191.26	After	LC_Wearing Surface Load	9.079E-09	2.708E-08	-783.1395	191.26
BOBJ1	72	199.685	Before	LC_Wearing Surface Load	9.050E-09	2.395E-08	-275.7283	199.685
BOBJ1	73	199.685	After	LC_Wearing Surface Load	9.116E-09	2.395E-08	-275.7283	199.685
BOBJ1	74	208.11	Before	LC_Wearing Surface Load	9.120E-09	2.038E-08	86.3767	208.11
BOBJ1	75	208.11	After	LC_Wearing Surface Load	6.656E-09	-2.055E-08	86.3767	208.11
BOBJ1	76	216.535	Before	LC_Wearing Surface Load	6.667E-09	-2.407E-08	303.1489	216.535
BOBJ1	77	216.535	After	LC_Wearing Surface Load	6.669E-09	-2.407E-08	303.1489	216.535
BOBJ1	78	224.96	Before	LC_Wearing Surface Load	6.666E-09	-2.759E-08	374.5882	224.96
BOBJ1	79	224.96	After	LC_Wearing Surface Load	7.826E-09	-2.453E-08	374.5882	224.96
BOBJ1	80	233.385	Before	LC_Wearing Surface Load	7.816E-09	-2.798E-08	300.6947	233.385
BOBJ1	81	233.385	After	LC_Wearing Surface Load	7.809E-09	-2.798E-08	300.6947	233.385
BOBJ1	82	241.81	Before	LC_Wearing Surface Load	7.804E-09	-3.144E-08	81.4683	241.81
BOBJ1	83	241.81	After	LC_Wearing Surface Load	-4.966E-09	-5.650E-08	81.4683	241.81
BOBJ1	86	250.245	Before	LC_Wearing Surface Load	-4.945E-09	-6.010E-08	-283.6016	250.245
BOBJ1	87	250.245	After	LC_Wearing Surface Load	-4.903E-09	-6.010E-08	-283.6016	250.245
BOBJ1	92	258.68	Before	LC_Wearing Surface Load	-4.846E-09	-6.380E-08	-794.339	258.68
BOBJ1	93	258.68	After	LC_Wearing Surface Load	1.057E-08	-7.294E-08	-793.7309	258.68

Table 36: Bridge Object Forces, Part 2 of 3

BridgeObj	BridgeCut	Distance	LocType	OutputCase	T	M2	M3	GlobalX
		ft			Kip-ft	Kip-ft	Kip-ft	ft
BOBJ1	98	268.08	Before	LC_Wearing Surface Load	1.064E-08	-7.347E-08	-213.0993	268.08
BOBJ1	99	268.08	After	LC_Wearing Surface Load	1.063E-08	-7.347E-08	-213.0993	268.08
BOBJ1	100	277.48	Before	LC_Wearing Surface Load	1.063E-08	-7.430E-08	186.6151	277.48
BOBJ1	101	277.48	After	LC_Wearing Surface Load	7.847E-10	-5.853E-08	186.6151	277.48
BOBJ1	102	286.88	Before	LC_Wearing Surface Load	7.769E-10	-5.932E-08	405.4125	286.88
BOBJ1	103	286.88	After	LC_Wearing Surface Load	7.494E-10	-5.932E-08	405.4125	286.88
BOBJ1	104	296.28	Before	LC_Wearing Surface Load	7.476E-10	-6.010E-08	443.2927	296.28
BOBJ1	105	296.28	After	LC_Wearing Surface Load	-4.887E-10	-8.519E-08	443.2927	296.28
BOBJ1	106	305.69	Before	LC_Wearing Surface Load	-4.909E-10	-8.604E-08	300.0074	305.69
BOBJ1	107	305.69	After	LC_Wearing Surface Load	-4.890E-10	-8.604E-08	300.0074	305.69
BOBJ1	108	315.1	Before	LC_Wearing Surface Load	-4.920E-10	-8.690E-08	-24.5802	315.1

Table 36: Bridge Object Forces, Part 3 of 3

Table 36: Bridge Object Forces, Part 3 of 3

BridgeObj	BridgeCut	Distance	LocType	OutputCase	GlobalY	GlobalZ
		ft			ft	ft
BOBJ1	1	0.	After	LC_Dead Load	3.197E-14	-1.1289
BOBJ1	2	9.4	Before	LC_Dead Load	3.197E-14	-1.1289
BOBJ1	3	9.4	After	LC_Dead Load	3.197E-14	-1.1289
BOBJ1	4	18.8	Before	LC_Dead Load	3.197E-14	-1.1289
BOBJ1	5	18.8	After	LC_Dead Load	3.197E-14	-1.1289
BOBJ1	6	28.2	Before	LC_Dead Load	6.040E-14	-1.1289
BOBJ1	7	28.2	After	LC_Dead Load	6.040E-14	-1.1289
BOBJ1	8	37.6	Before	LC_Dead Load	-6.750E-14	-1.1289
BOBJ1	9	37.6	After	LC_Dead Load	6.040E-14	-1.1289
BOBJ1	10	47.01	Before	LC_Dead Load	2.132E-14	-1.1289
BOBJ1	11	47.01	After	LC_Dead Load	6.040E-14	-1.1289
BOBJ1	16	56.42	Before	LC_Dead Load	-9.237E-14	-1.215
BOBJ1	17	56.42	After	LC_Dead Load	-9.237E-14	-1.215
BOBJ1	22	64.845	Before	LC_Dead Load	3.197E-14	-1.1289
BOBJ1	23	64.845	After	LC_Dead Load	3.197E-14	-1.1289

Table 36: Bridge Object Forces, Part 3 of 3

BridgeObj	BridgeCut	Distance	LocType	OutputCase	GlobalY	GlobalZ
		ft			ft	ft
BOBJ1	26	73.27	Before	LC_Dead Load	1.883E-13	-1.0907
BOBJ1	27	73.27	After	LC_Dead Load	1.883E-13	-1.0907
BOBJ1	28	81.695	Before	LC_Dead Load	1.883E-13	-1.0907
BOBJ1	29	81.695	After	LC_Dead Load	2.416E-13	-1.0907
BOBJ1	30	90.12	Before	LC_Dead Load	1.883E-13	-1.0907
BOBJ1	31	90.12	After	LC_Dead Load	1.883E-13	-1.0907
BOBJ1	32	98.545	Before	LC_Dead Load	1.883E-13	-1.0907
BOBJ1	33	98.545	After	LC_Dead Load	1.883E-13	-1.0907
BOBJ1	34	106.97	Before	LC_Dead Load	1.883E-13	-1.0907
BOBJ1	35	106.97	After	LC_Dead Load	1.705E-13	-1.0907
BOBJ1	36	115.405	Before	LC_Dead Load	1.883E-13	-1.0907
BOBJ1	37	115.405	After	LC_Dead Load	1.883E-13	-1.0907
BOBJ1	42	123.84	Before	LC_Dead Load	1.350E-13	-1.2124
BOBJ1	43	123.84	After	LC_Dead Load	1.350E-13	-1.2124
BOBJ1	48	132.265	Before	LC_Dead Load	1.883E-13	-1.0907
BOBJ1	49	132.265	After	LC_Dead Load	1.883E-13	-1.0907
BOBJ1	50	140.69	Before	LC_Dead Load	1.883E-13	-1.0907
BOBJ1	51	140.69	After	LC_Dead Load	1.883E-13	-1.0907
BOBJ1	52	149.115	Before	LC_Dead Load	1.883E-13	-1.0907
BOBJ1	53	149.115	After	LC_Dead Load	1.883E-13	-1.0907
BOBJ1	54	157.54	Before	LC_Dead Load	1.883E-13	-1.0907
BOBJ1	55	157.54	After	LC_Dead Load	1.883E-13	-1.0907
BOBJ1	56	165.965	Before	LC_Dead Load	1.883E-13	-1.0907
BOBJ1	57	165.965	After	LC_Dead Load	1.208E-13	-1.0907
BOBJ1	58	174.39	Before	LC_Dead Load	1.883E-13	-1.0907
BOBJ1	59	174.39	After	LC_Dead Load	2.416E-13	-1.0907
BOBJ1	60	182.825	Before	LC_Dead Load	1.883E-13	-1.0907
BOBJ1	61	182.825	After	LC_Dead Load	2.416E-13	-1.0907
BOBJ1	66	191.26	Before	LC_Dead Load	1.918E-13	-1.2124
BOBJ1	67	191.26	After	LC_Dead Load	1.350E-13	-1.2124

Table 36: Bridge Object Forces, Part 3 of 3

BridgeObj	BridgeCut	Distance	LocType	OutputCase	GlobalY	GlobalZ
		ft			ft	ft
BOBJ1	72	199.685	Before	LC_Dead Load	1.883E-13	-1.0907
BOBJ1	73	199.685	After	LC_Dead Load	1.883E-13	-1.0907
BOBJ1	74	208.11	Before	LC_Dead Load	1.883E-13	-1.0907
BOBJ1	75	208.11	After	LC_Dead Load	1.705E-13	-1.0907
BOBJ1	76	216.535	Before	LC_Dead Load	1.883E-13	-1.0907
BOBJ1	77	216.535	After	LC_Dead Load	1.883E-13	-1.0907
BOBJ1	78	224.96	Before	LC_Dead Load	1.883E-13	-1.0907
BOBJ1	79	224.96	After	LC_Dead Load	1.208E-13	-1.0907
BOBJ1	80	233.385	Before	LC_Dead Load	1.883E-13	-1.0907
BOBJ1	81	233.385	After	LC_Dead Load	1.883E-13	-1.0907
BOBJ1	82	241.81	Before	LC_Dead Load	1.705E-13	-1.0907
BOBJ1	83	241.81	After	LC_Dead Load	1.883E-13	-1.0907
BOBJ1	86	250.245	Before	LC_Dead Load	3.197E-14	-1.1289
BOBJ1	87	250.245	After	LC_Dead Load	4.974E-14	-1.1289
BOBJ1	92	258.68	Before	LC_Dead Load	-9.237E-14	-1.215
BOBJ1	93	258.68	After	LC_Dead Load	-9.237E-14	-1.215
BOBJ1	98	268.08	Before	LC_Dead Load	3.197E-14	-1.1289
BOBJ1	99	268.08	After	LC_Dead Load	3.197E-14	-1.1289
BOBJ1	100	277.48	Before	LC_Dead Load	3.197E-14	-1.1289
BOBJ1	101	277.48	After	LC_Dead Load	4.974E-14	-1.1289
BOBJ1	102	286.88	Before	LC_Dead Load	3.197E-14	-1.1289
BOBJ1	103	286.88	After	LC_Dead Load	3.197E-14	-1.1289
BOBJ1	104	296.28	Before	LC_Dead Load	3.197E-14	-1.1289
BOBJ1	105	296.28	After	LC_Dead Load	3.197E-14	-1.1289
BOBJ1	106	305.69	Before	LC_Dead Load	3.197E-14	-1.1289
BOBJ1	107	305.69	After	LC_Dead Load	6.040E-14	-1.1289
BOBJ1	108	315.1	Before	LC_Dead Load	3.197E-14	-1.1289
BOBJ1	1	0.	After	LC_Wearing Surface Load	3.197E-14	-1.1289
BOBJ1	2	9.4	Before	LC_Wearing Surface Load	3.197E-14	-1.1289
BOBJ1	3	9.4	After	LC_Wearing Surface Load	3.197E-14	-1.1289

Table 36: Bridge Object Forces, Part 3 of 3

BridgeObj	BridgeCut	Distance	LocType	OutputCase	GlobalY	GlobalZ
		ft			ft	ft
BOBJ1	4	18.8	Before	LC_Wearing Surface Load	3.197E-14	-1.1289
BOBJ1	5	18.8	After	LC_Wearing Surface Load	3.197E-14	-1.1289
BOBJ1	6	28.2	Before	LC_Wearing Surface Load	6.040E-14	-1.1289
BOBJ1	7	28.2	After	LC_Wearing Surface Load	6.040E-14	-1.1289
BOBJ1	8	37.6	Before	LC_Wearing Surface Load	-6.750E-14	-1.1289
BOBJ1	9	37.6	After	LC_Wearing Surface Load	6.040E-14	-1.1289
BOBJ1	10	47.01	Before	LC_Wearing Surface Load	2.132E-14	-1.1289
BOBJ1	11	47.01	After	LC_Wearing Surface Load	6.040E-14	-1.1289
BOBJ1	16	56.42	Before	LC_Wearing Surface Load	-9.237E-14	-1.215
BOBJ1	17	56.42	After	LC_Wearing Surface Load	-9.237E-14	-1.215
BOBJ1	22	64.845	Before	LC_Wearing Surface Load	3.197E-14	-1.1289
BOBJ1	23	64.845	After	LC_Wearing Surface Load	3.197E-14	-1.1289
BOBJ1	26	73.27	Before	LC_Wearing Surface Load	1.883E-13	-1.0907
BOBJ1	27	73.27	After	LC_Wearing Surface Load	1.883E-13	-1.0907
BOBJ1	28	81.695	Before	LC_Wearing Surface Load	1.883E-13	-1.0907
BOBJ1	29	81.695	After	LC_Wearing Surface Load	2.416E-13	-1.0907
BOBJ1	30	90.12	Before	LC_Wearing Surface Load	1.883E-13	-1.0907
BOBJ1	31	90.12	After	LC_Wearing Surface Load	1.883E-13	-1.0907
BOBJ1	32	98.545	Before	LC_Wearing Surface Load	1.883E-13	-1.0907
BOBJ1	33	98.545	After	LC_Wearing Surface Load	1.883E-13	-1.0907
BOBJ1	34	106.97	Before	LC_Wearing Surface Load	1.883E-13	-1.0907
BOBJ1	35	106.97	After	LC_Wearing Surface Load	1.705E-13	-1.0907
BOBJ1	36	115.405	Before	LC_Wearing Surface Load	1.883E-13	-1.0907
BOBJ1	37	115.405	After	LC_Wearing Surface Load	1.883E-13	-1.0907
BOBJ1	42	123.84	Before	LC_Wearing Surface Load	1.350E-13	-1.2124
BOBJ1	43	123.84	After	LC_Wearing Surface Load	1.350E-13	-1.2124
BOBJ1	48	132.265	Before	LC_Wearing Surface Load	1.883E-13	-1.0907
BOBJ1	49	132.265	After	LC_Wearing Surface Load	1.883E-13	-1.0907
BOBJ1	50	140.69	Before	LC_Wearing Surface Load	1.883E-13	-1.0907
BOBJ1	51	140.69	After	LC_Wearing Surface Load	1.883E-13	-1.0907

Table 36: Bridge Object Forces, Part 3 of 3

BridgeObj	BridgeCut	Distance	LocType	OutputCase	GlobalY	GlobalZ
		ft			ft	ft
BOBJ1	52	149.115	Before	LC_Wearing Surface Load	1.883E-13	-1.0907
BOBJ1	53	149.115	After	LC_Wearing Surface Load	1.883E-13	-1.0907
BOBJ1	54	157.54	Before	LC_Wearing Surface Load	1.883E-13	-1.0907
BOBJ1	55	157.54	After	LC_Wearing Surface Load	1.883E-13	-1.0907
BOBJ1	56	165.965	Before	LC_Wearing Surface Load	1.883E-13	-1.0907
BOBJ1	57	165.965	After	LC_Wearing Surface Load	1.208E-13	-1.0907
BOBJ1	58	174.39	Before	LC_Wearing Surface Load	1.883E-13	-1.0907
BOBJ1	59	174.39	After	LC_Wearing Surface Load	2.416E-13	-1.0907
BOBJ1	60	182.825	Before	LC_Wearing Surface Load	1.883E-13	-1.0907
BOBJ1	61	182.825	After	LC_Wearing Surface Load	2.416E-13	-1.0907
BOBJ1	66	191.26	Before	LC_Wearing Surface Load	1.918E-13	-1.2124
BOBJ1	67	191.26	After	LC_Wearing Surface Load	1.350E-13	-1.2124
BOBJ1	72	199.685	Before	LC_Wearing Surface Load	1.883E-13	-1.0907
BOBJ1	73	199.685	After	LC_Wearing Surface Load	1.883E-13	-1.0907
BOBJ1	74	208.11	Before	LC_Wearing Surface Load	1.883E-13	-1.0907
BOBJ1	75	208.11	After	LC_Wearing Surface Load	1.705E-13	-1.0907
BOBJ1	76	216.535	Before	LC_Wearing Surface Load	1.883E-13	-1.0907
BOBJ1	77	216.535	After	LC_Wearing Surface Load	1.883E-13	-1.0907
BOBJ1	78	224.96	Before	LC_Wearing Surface Load	1.883E-13	-1.0907
BOBJ1	79	224.96	After	LC_Wearing Surface Load	1.208E-13	-1.0907
BOBJ1	80	233.385	Before	LC_Wearing Surface Load	1.883E-13	-1.0907
BOBJ1	81	233.385	After	LC_Wearing Surface Load	1.883E-13	-1.0907
BOBJ1	82	241.81	Before	LC_Wearing Surface Load	1.705E-13	-1.0907
BOBJ1	83	241.81	After	LC_Wearing Surface Load	1.883E-13	-1.0907
BOBJ1	86	250.245	Before	LC_Wearing Surface Load	3.197E-14	-1.1289
BOBJ1	87	250.245	After	LC_Wearing Surface Load	4.974E-14	-1.1289
BOBJ1	92	258.68	Before	LC_Wearing Surface Load	-9.237E-14	-1.215
BOBJ1	93	258.68	After	LC_Wearing Surface Load	-9.237E-14	-1.215
BOBJ1	98	268.08	Before	LC_Wearing Surface Load	3.197E-14	-1.1289
BOBJ1	99	268.08	After	LC_Wearing Surface Load	3.197E-14	-1.1289

Table 36: Bridge Object Forces, Part 3 of 3

BridgeObj	BridgeCut	Distance	LocType	OutputCase	GlobalY	GlobalZ
		ft			ft	ft
BOBJ1	100	277.48	Before	LC_Wearing Surface Load	3.197E-14	-1.1289
BOBJ1	101	277.48	After	LC_Wearing Surface Load	4.974E-14	-1.1289
BOBJ1	102	286.88	Before	LC_Wearing Surface Load	3.197E-14	-1.1289
BOBJ1	103	286.88	After	LC_Wearing Surface Load	3.197E-14	-1.1289
BOBJ1	104	296.28	Before	LC_Wearing Surface Load	3.197E-14	-1.1289
BOBJ1	105	296.28	After	LC_Wearing Surface Load	3.197E-14	-1.1289
BOBJ1	106	305.69	Before	LC_Wearing Surface Load	3.197E-14	-1.1289
BOBJ1	107	305.69	After	LC_Wearing Surface Load	6.040E-14	-1.1289
BOBJ1	108	315.1	Before	LC_Wearing Surface Load	3.197E-14	-1.1289

10. Material take-off

This section provides a material take-off.

Table 37: Material List 2 - By Section Property

Table 37: Material List 2 - By Section Property

Section	ObjectType	NumPieces	TotalLength	TotalWeight
			ft	Kip
Bent Cap	Frame	6	360.	864.
Column Section	Frame	18	414.	993.6
C15x33.9	Frame	42	336.	11.388
Int Diaphragm Section	Frame	91	728.	39.188
FSEC1	Frame	64	447.36	21.69
FSEC3	Frame	192	1462.08	65.836
FSEC4	Frame	48	135.72	1.732
FSEC5	Frame	104	294.4067	6.011
FSEC6	Frame	16	112.	9.433
FSEC7	Frame	48	216.	11.928
FSEC8	Frame	352	2444.1601	101.799
FSEC9	Frame	16	120.	9.998
FSEC10	Frame	48	240.0002	14.083
ASEC1	Area			1610.466
ASEC2	Area			194.699
BFIXSS-1	Link	48		0.
Vertical only-2	Link	16		0.
BBRG1-2	Link	32		0.



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CSiBridge Analysis and Design Report

Prepared by

Gresham Smith

Model Name: 19SR0060015_App_Span12-15.bdb

16 June 2020

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1. Model geometry

This section provides model geometry information, including items such as the layout line and lane definitions.

1.1. Layout Line

Table 1: Bridge Layout Line 2 - Horizontal Layout Data, Part 1 of 2

Table 1: Bridge Layout Line 2 - Horizontal Layout Data, Part 1 of 2

LayoutLine	SegType	Station	Radius	Bearing	CoordSys	X
		ft	ft			ft
Bridge Layout	Initial Station and Bearing	0.		N900000E	GLOBAL	0.
Bridge Layout	Straight at Previous Bearing to End	320.			GLOBAL	320.

Table 1: Bridge Layout Line 2 - Horizontal Layout Data, Part 2 of 2

Table 1: Bridge Layout Line 2 - Horizontal Layout Data, Part 2 of 2

LayoutLine	Y	GlobalX	GlobalY
	ft	ft	ft
Bridge Layout	0.	0.	0.
Bridge Layout	0.	320.	0.

Table 2: Bridge Layout Line 3 - Vertical Layout Data

Table 2: Bridge Layout Line 3 - Vertical Layout Data

LayoutLine	SegType	Station	Grade	CoordSys	Z	GlobalZ
		ft	Percent		ft	ft
Bridge Layout	Initial Station, Elevation Z and Grade	0.	0.	GLOBAL	0.	0.
Bridge Layout	Constant at Previous Grade to End	320.	0.	GLOBAL	0.	0.

1.2. Lanes

Table 3: Lane Definition Data, Part 1 of 2

Table 3: Lane Definition Data, Part 1 of 2

Lane	LaneFrom	LayoutLine	Station	LaneType	Width	Offset	Radius	LoadGroup
			ft		ft	ft	ft	
LANE1	Layout Line	Bridge Layout	0.	Fixed Lane	10.	20.	0.	Default
LANE1	Layout Line	Bridge Layout	320.		10.	20.	0.	Default
LANE2	Layout Line	Bridge Layout	0.	Fixed Lane	10.	10.	0.	Default

Table 3: Lane Definition Data, Part 1 of 2

Lane	LaneFrom	LayoutLine	Station	LaneType	Width	Offset	Radius	LoadGroup
			ft		ft	ft	ft	
LANE2	Layout Line	Bridge Layout	320.		10.	10.	0.	Default
LANE3	Layout Line	Bridge Layout	0.	Fixed Lane	10.	0.	0.	Default
LANE3	Layout Line	Bridge Layout	320.		10.	0.	0.	Default
LANE4	Layout Line	Bridge Layout	0.	Fixed Lane	10.	-10.	0.	Default
LANE4	Layout Line	Bridge Layout	320.		10.	-10.	0.	Default
LANE5	Layout Line	Bridge Layout	0.	Fixed Lane	10.	-20.	0.	Default
LANE5	Layout Line	Bridge Layout	320.		10.	-20.	0.	Default

Table 3: Lane Definition Data, Part 2 of 2

Table 3: Lane Definition Data, Part 2 of 2

Lane	DiscAlong	DiscAcross	DiscSpan	DiscLane	LeftType	RightType	Color	Notes
	ft	ft						
LANE1	10.	10.	No	No	Interior	Interior	Magenta	
LANE1								
LANE2	10.	10.	No	No	Interior	Interior	Gray8Dark	
LANE2								
LANE3	10.	10.	No	No	Interior	Interior	Blue	
LANE3								
LANE4	10.	10.	No	No	Interior	Interior	Red	
LANE4								
LANE5	10.	10.	No	No	Interior	Interior	Magenta	
LANE5								

1.3. Spans

Table 4: Bridge Object Definitions 03 - Spans 1 - General

Table 4: Bridge Object Definitions 03 - Spans 1 - General

BridgeObj	SpanName	BridgeSect	Variation
BOBJ1	Span 12	Span 12	No
BOBJ1	Span 13	Span 13	No
BOBJ1	Span 14	Span 14	No
BOBJ1	Span 15	Span 15	No

1.4. Bridge Sections

Table 5: Bridge Section Definitions 05 - Steel I Girders 1 - General, Part 1 of 4

Table 5: Bridge Section Definitions 05 - Steel I Girders 1 - General, Part 1 of 4

Section	Material	NumIntGird	TotalWidth	GirdLayout	DiffSpacing	DiffHaunch	DiffSection
			ft				
Span 12	3000Psi	6	58.5	Along Layout Line	No	No	Yes
Span 13	3000Psi	6	58.5	Along Layout Line	No	No	Yes
Span 14	3000Psi	6	58.5	Along Layout Line	No	No	Yes
Span 15	3000Psi	6	58.5	Along Layout Line	No	No	Yes

Table 5: Bridge Section Definitions 05 - Steel I Girders 1 - General, Part 2 of 4

Table 5: Bridge Section Definitions 05 - Steel I Girders 1 - General, Part 2 of 4

Section	TopSlabThk	HaunchHSame	GirdAreaObj	WebMesh	LOLength	LOFillDist	LOOuterThk	ROLength
	ft	ft		ft	ft	ft	ft	ft
Span 12	0.58333	0.25	Mixed	3.	1.25	1.25	0.54167	1.25
Span 13	0.58333	0.25	Mixed	3.	1.25	1.25	0.54167	1.25
Span 14	0.58333	0.25	Mixed	3.	1.25	1.25	0.54167	1.25
Span 15	0.58333	0.25	Mixed	3.	1.25	1.25	0.54167	1.25

Table 5: Bridge Section Definitions 05 - Steel I Girders 1 - General, Part 3 of 4

Table 5: Bridge Section Definitions 05 - Steel I Girders 1 - General, Part 3 of 4

Section	ROFillDist	ROOuterThk	FHoriz1	FHoriz2	CurbLoc	CurbLeft	CurbRight
	ft	ft	ft	ft		ft	ft
Span 12	1.25	0.54167	0.	0.	User Defined	1.25	1.25
Span 13	1.25	0.54167	0.	0.	User Defined	1.25	1.25
Span 14	1.25	0.54167	0.	0.	User Defined	1.25	1.25
Span 15	1.25	0.54167	0.	0.	User Defined	1.25	1.25

Table 5: Bridge Section Definitions 05 - Steel I Girders 1 - General, Part 4 of 4

Table 5: Bridge Section Definitions 05 - Steel I Girders 1 - General, Part 4 of 4

Section	CurbMedian	CurbMWidth	RefPtOffX	RefPtOffY
	ft	ft	ft	ft
Span 12	0.	0.	0.	0.
Span 13	0.	0.	0.	0.
Span 14	0.	0.	0.	0.
Span 15	0.	0.	0.	0.

Table 6: Bridge Section Definitions 08 - Steel I Girders 4 - Sections

Table 6: Bridge Section Definitions 08 - Steel I Girders 4 - Sections

Section	GirderNum	GirderSect
Span 12	1	Span 12_ext Girder
Span 12	2	Span 12_int Girder
Span 12	3	Span 12_int Girder

Table 6: Bridge Section Definitions 08 - Steel I Girders 4 - Sections

Section	GirderNum	GirderSect
Span 12	4	Span 12_int Girder
Span 12	5	Span 12_int Girder
Span 12	6	Span 12_int Girder
Span 12	7	Span 12_int Girder
Span 12	8	Span 12_ext Girder
Span 13	1	Span 13_ext Girder
Span 13	2	Span 13_int Girder
Span 13	3	Span 13_int Girder
Span 13	4	Span 13_int Girder
Span 13	5	Span 13_int Girder
Span 13	6	Span 13_int Girder
Span 13	7	Span 13_int Girder
Span 13	8	Span 13_ext Girder
Span 14	1	Span 14_ext Girder
Span 14	2	Span 14_int Girder
Span 14	3	Span 14_int Girder
Span 14	4	Span 14_int Girder
Span 14	5	Span 14_int Girder
Span 14	6	Span 14_int Girder
Span 14	7	Span 14_int Girder
Span 14	8	Span 14_ext Girder
Span 15	1	Span 15_ext Girder
Span 15	2	Span 15_int Girder
Span 15	3	Span 15_int Girder
Span 15	4	Span 15_int Girder
Span 15	5	Span 15_int Girder
Span 15	6	Span 15_int Girder
Span 15	7	Span 15_int Girder
Span 15	8	Span 15_ext Girder

1.5. Abutments

Table 7: Bridge Abutment Definitions

Table 7: Bridge Abutment Definitions

Abutment	GirderSup	SubType	FSProp
BABT1	Bottom	Spring	Fixed

Table 8: Bridge Object Definitions 06 - Abutments, Part 1 of 2

Table 8: Bridge Object Definitions 06 - Abutments, Part 1 of 2

BridgeObj	Location	SupportName	BearingDir	DiaphProp	SubType	BentProp	SubElev	HorizOff
							ft	ft
BOBJ1	Start	Start Abutment	Default	None	Bent	Int. Bent	-4.	0.
BOBJ1	End	End Abutment1	Default	None	Bent	Int. Bent	-4.	0.

Table 8: Bridge Object Definitions 06 - Abutments, Part 2 of 2

Table 8: Bridge Object Definitions 06 - Abutments, Part 2 of 2

BridgeObj	Location	SupportName	BearProp	BearResProp	BearElev	BearAngle
					ft	Degrees
BOBJ1	Start	Start Abutment	Vertical only	None	-4.	0.
BOBJ1	End	End Abutment1	Vertical only	None	-4.	0.

1.6. Bents

Table 9: Bridge Bent Definitions 1 - General

Table 9: Bridge Bent Definitions 1 - General

Bent	BeamLength	BeamSect	Type	GirderSup1	NumCols
	ft				
Int. Bent	60.	Bent Cap	Single	Bottom	3

Table 10: Bridge Bent Definitions 2 - Column Data, Part 1 of 2

Table 10: Bridge Bent Definitions 2 - Column Data, Part 1 of 2

Bent	ColNum	Section	Distance	Height	Angle	ColSupport	RHLong	RHTrans
			ft	ft	Degrees			
Int. Bent	1	Column Section	2.	25.	0.	Fixed	1.	1.
Int. Bent	2	Column Section	30.	25.	0.	Fixed	1.	1.
Int. Bent	3	Column Section	58.	25.	0.	Fixed	1.	1.

Table 10: Bridge Bent Definitions 2 - Column Data, Part 2 of 2

Table 10: Bridge Bent Definitions 2 - Column Data, Part 2 of 2

Bent	ColNum	Section	ColSupport	HingeTop	HingeBot	R1Release	R2Release	R3Release
Int. Bent	1	Column Section	Fixed	None	None	Fixed	Fixed	Fixed
Int. Bent	2	Column Section	Fixed	None	None	Fixed	Fixed	Fixed
Int. Bent	3	Column Section	Fixed	None	None	Fixed	Fixed	Fixed

Table 11: Bridge Object Definitions 07 - Bents, Part 1 of 2

Table 11: Bridge Object Definitions 07 - Bents, Part 1 of 2

BridgeObj	SpanName	BentProp	Continuous	SupportName	BearingDir	BentElev	HorizOff	DiaphBefore
						ft	ft	
BOBJ1	Span 12	Int. Bent	Yes	End Abutment	Default	-4.	0.	End diaphragm
BOBJ1	Span 13	Int. Bent	Yes	Span 13	Default	-4.	0.	End diaphragm
BOBJ1	Span 14	Int. Bent	Yes	Span 14	Default	-4.	0.	End diaphragm

Table 11: Bridge Object Definitions 07 - Bents, Part 2 of 2

Table 11: Bridge Object Definitions 07 - Bents, Part 2 of 2

BridgeObj	SpanName	SupportName	MeshAtBent	BearProp1	BrResProp1	BearElev1	BearAngle1
						ft	Degrees
BOBJ1	Span 12	End Abutment	Yes	BBRG1	None	-4.	0.
BOBJ1	Span 13	Span 13	Yes	BBRG1	None	-4.	0.
BOBJ1	Span 14	Span 14	Yes	BBRG1	None	-4.	0.

1.7. Diaphragms

Table 12: Bridge Diaphragm Definitions, Part 1 of 2

Table 12: Bridge Diaphragm Definitions, Part 1 of 2

Diaph	DiaphType	IncConnPlat	Beam	BeamDist	MixedBeam	MatCnPlat	WidthCnPlat	ThickCnPlat
				ft			ft	ft
End diaphragm	Single Beam	Yes	C15x33.9	1.	No	Grade 33	0.41667	0.03125
Int diaphragm	Single Beam	Yes	Int Diaphragm Section	0.	No	Grade 33	0.66667	0.03125

Table 12: Bridge Diaphragm Definitions, Part 2 of 2

Table 12: Bridge Diaphragm Definitions, Part 2 of 2

Diaph	BothSideWeb
End diaphragm	Yes
Int diaphragm	Yes

1.8. Bearings

Table 13: Bridge Bearing Definitions

Table 13: Bridge Bearing Definitions

Bearing	Type	U1Type	U2Type	U3Type	R1Type	R2Type	R3Type
BBRG1	User	Fixed	Fixed	Fixed	Free	Free	Free
BBRG2	User	Fixed	Free	Free	Free	Free	Free
BBRG9	User	Fixed	Free	Fixed	Free	Free	Free
Fixed	User	Fixed	Fixed	Fixed	Fixed	Fixed	Fixed
Vertical only	User	Fixed	Free	Free	Free	Free	Free

Table 14: Bridge Model Summary 01 - Bearing Supports

Table 14: Bridge Model Summary 01 - Bearing Supports

BridgeObj	SpanName	Station	Type	Bearing	BearProp	BearElev	BearAngle
		ft				ft	Degrees
BOBJ1	Start Abutment	0.	Bent	1	Vertical only	-4.	0.
BOBJ1	Start Abutment	0.	Bent	2	Vertical only	-4.	0.
BOBJ1	Start Abutment	0.	Bent	3	Vertical only	-4.	0.
BOBJ1	Start Abutment	0.	Bent	4	Vertical only	-4.	0.
BOBJ1	Start Abutment	0.	Bent	5	Vertical only	-4.	0.
BOBJ1	Start Abutment	0.	Bent	6	Vertical only	-4.	0.

Table 14: Bridge Model Summary 01 - Bearing Supports

BridgeObj	SpanName	Station	Type	Bearing	BearProp	BearElev	BearAngle
		ft				ft	Degrees
BOBJ1	Start Abutment	0.	Bent	7	Vertical only	-4.	0.
BOBJ1	Start Abutment	0.	Bent	8	Vertical only	-4.	0.
BOBJ1	Span 12	56.42	Bent	1	BBRG1	-4.	0.
BOBJ1	Span 12	56.42	Bent	2	BBRG1	-4.	0.
BOBJ1	Span 12	56.42	Bent	3	BBRG1	-4.	0.
BOBJ1	Span 12	56.42	Bent	4	BBRG1	-4.	0.
BOBJ1	Span 12	56.42	Bent	5	BBRG1	-4.	0.
BOBJ1	Span 12	56.42	Bent	6	BBRG1	-4.	0.
BOBJ1	Span 12	56.42	Bent	7	BBRG1	-4.	0.
BOBJ1	Span 12	56.42	Bent	8	BBRG1	-4.	0.
BOBJ1	Span 13	123.84	Bent	1	BBRG1	-4.	0.
BOBJ1	Span 13	123.84	Bent	2	BBRG1	-4.	0.
BOBJ1	Span 13	123.84	Bent	3	BBRG1	-4.	0.
BOBJ1	Span 13	123.84	Bent	4	BBRG1	-4.	0.
BOBJ1	Span 13	123.84	Bent	5	BBRG1	-4.	0.
BOBJ1	Span 13	123.84	Bent	6	BBRG1	-4.	0.
BOBJ1	Span 13	123.84	Bent	7	BBRG1	-4.	0.
BOBJ1	Span 13	123.84	Bent	8	BBRG1	-4.	0.
BOBJ1	Span 14	192.06	Bent	1	BBRG1	-4.	0.
BOBJ1	Span 14	192.06	Bent	2	BBRG1	-4.	0.
BOBJ1	Span 14	192.06	Bent	3	BBRG1	-4.	0.
BOBJ1	Span 14	192.06	Bent	4	BBRG1	-4.	0.
BOBJ1	Span 14	192.06	Bent	5	BBRG1	-4.	0.
BOBJ1	Span 14	192.06	Bent	6	BBRG1	-4.	0.
BOBJ1	Span 14	192.06	Bent	7	BBRG1	-4.	0.
BOBJ1	Span 14	192.06	Bent	8	BBRG1	-4.	0.
BOBJ1	Span 15	248.89	Bent	1	Vertical only	-4.	0.
BOBJ1	Span 15	248.89	Bent	2	Vertical only	-4.	0.
BOBJ1	Span 15	248.89	Bent	3	Vertical only	-4.	0.
BOBJ1	Span 15	248.89	Bent	4	Vertical only	-4.	0.
BOBJ1	Span 15	248.89	Bent	5	Vertical only	-4.	0.
BOBJ1	Span 15	248.89	Bent	6	Vertical only	-4.	0.
BOBJ1	Span 15	248.89	Bent	7	Vertical only	-4.	0.
BOBJ1	Span 15	248.89	Bent	8	Vertical only	-4.	0.

2. Material properties

This section provides material property information for materials used in the model.

Table 15: Material Properties 02 - Basic Mechanical Properties

Table 15: Material Properties 02 - Basic Mechanical Properties

Material	UnitWeight	UnitMass	E1	G12	U12	A1
	Kip/ft3	Kip-s2/ft4	Kip/ft2	Kip/ft2		1/F
3000Psi	1.5000E-01	4.6621E-03	449570.68	187321.12	0.2	5.5000E-06
4000Psi	1.5000E-01	4.6621E-03	519119.5	216299.79	0.2	5.5000E-06
A36	4.9000E-01	1.5230E-02	4176000.	1606153.85	0.3	6.5000E-06
A416Gr270	4.9000E-01	1.5230E-02	4104000.			6.5000E-06
A615Gr60	4.9000E-01	1.5230E-02	4176000.			6.5000E-06

Table 15: Material Properties 02 - Basic Mechanical Properties

Material	UnitWeight	UnitMass	E1	G12	U12	A1
	Kip/ft3	Kip-s2/ft4	Kip/ft2	Kip/ft2		1/F
A709Gr50	4.9000E-01	1.5230E-02	4176000.	1606153.85	0.3	6.5000E-06
Grade 33	4.9000E-01	1.5230E-02	4176000.	1606153.85	0.3	6.5000E-06

Table 16: Material Properties 03a - Steel Data

Table 16: Material Properties 03a - Steel Data

Material	Fy	Fu	FinalSlope
	Kip/ft2	Kip/ft2	
A36	5184.	8352.	-0.1
A709Gr50	7200.	9360.	-0.1
Grade 33	4752.	7488.	-0.1

Table 17: Material Properties 03b - Concrete Data

Table 17: Material Properties 03b - Concrete Data

Material	Fc	eFc	FinalSlope
	Kip/ft2	Kip/ft2	
3000Psi	432.	432.	-0.1
4000Psi	576.	576.	-0.1

Table 18: Material Properties 03e - Rebar Data

Table 18: Material Properties 03e - Rebar Data

Material	Fy	Fu	FinalSlope
	Kip/ft2	Kip/ft2	
A615Gr60	8640.	12960.	-0.1

Table 19: Material Properties 03f - Tendon Data

Table 19: Material Properties 03f - Tendon Data

Material	Fy	Fu	FinalSlope
	Kip/ft2	Kip/ft2	
A416Gr270	35294.4	38880.	-0.1

3. Section properties

This section provides section property information for objects used in the model.

3.1. Frames

Table 20: Frame Section Properties 01 - General, Part 1 of 5

Table 20: Frame Section Properties 01 - General, Part 1 of 5

SectionName	Material	Shape	t3	t2	tf	tw	t2b	tfb
			ft	ft	ft	ft	ft	ft
Bent Cap	3000Psi	Rectangular	4.	4.				
BRD1	3000Psi	Bridge Section						
BRD10	3000Psi	Bridge Section						
BRD11	3000Psi	Bridge Section						
BRD12	3000Psi	Bridge Section						
BRD13	3000Psi	Bridge Section						
BRD14	3000Psi	Bridge Section						
BRD15	3000Psi	Bridge Section						
BRD16	3000Psi	Bridge Section						
BRD17	3000Psi	Bridge Section						
BRD18	3000Psi	Bridge Section						
BRD19	3000Psi	Bridge Section						
BRD2	3000Psi	Bridge Section						
BRD20	3000Psi	Bridge Section						
BRD21	3000Psi	Bridge Section						
BRD22	3000Psi	Bridge Section						
BRD23	3000Psi	Bridge Section						
BRD24	3000Psi	Bridge Section						
BRD25	3000Psi	Bridge Section						
BRD26	3000Psi	Bridge Section						
BRD27	3000Psi	Bridge Section						
BRD28	3000Psi	Bridge Section						
BRD29	3000Psi	Bridge Section						
BRD3	3000Psi	Bridge Section						
BRD30	3000Psi	Bridge Section						
BRD31	3000Psi	Bridge Section						
BRD32	3000Psi	Bridge Section						
BRD33	3000Psi	Bridge Section						
BRD34	3000Psi	Bridge Section						
BRD35	3000Psi	Bridge Section						
BRD36	3000Psi	Bridge Section						
BRD37	3000Psi	Bridge Section						
BRD38	3000Psi	Bridge Section						
BRD39	3000Psi	Bridge Section						
BRD4	3000Psi	Bridge Section						
BRD40	3000Psi	Bridge Section						
BRD41	3000Psi	Bridge Section						
BRD42	3000Psi	Bridge Section						
BRD43	3000Psi	Bridge Section						
BRD44	3000Psi	Bridge Section						
BRD45	3000Psi	Bridge Section						
BRD46	3000Psi	Bridge Section						
BRD47	3000Psi	Bridge Section						
BRD48	3000Psi	Bridge Section						
BRD49	3000Psi	Bridge Section						
BRD5	3000Psi	Bridge Section						
BRD50	3000Psi	Bridge Section						
BRD51	3000Psi	Bridge Section						
BRD52	3000Psi	Bridge Section						
BRD53	3000Psi	Bridge Section						
BRD54	3000Psi	Bridge Section						
BRD55	3000Psi	Bridge Section						
BRD56	3000Psi	Bridge Section						

Table 20: Frame Section Properties 01 - General, Part 1 of 5

SectionName	Material	Shape	t3	t2	tf	tw	t2b	tfb
			ft	ft	ft	ft	ft	ft
BRD57	3000Psi	Bridge Section						
BRD58	3000Psi	Bridge Section						
BRD59	3000Psi	Bridge Section						
BRD6	3000Psi	Bridge Section						
BRD60	3000Psi	Bridge Section						
BRD61	3000Psi	Bridge Section						
BRD62	3000Psi	Bridge Section						
BRD63	3000Psi	Bridge Section						
BRD64	3000Psi	Bridge Section						
BRD65	3000Psi	Bridge Section						
BRD66	3000Psi	Bridge Section						
BRD67	3000Psi	Bridge Section						
BRD68	3000Psi	Bridge Section						
BRD69	3000Psi	Bridge Section						
BRD7	3000Psi	Bridge Section						
BRD70	3000Psi	Bridge Section						
BRD71	3000Psi	Bridge Section						
BRD72	3000Psi	Bridge Section						
BRD73	3000Psi	Bridge Section						
BRD74	3000Psi	Bridge Section						
BRD75	3000Psi	Bridge Section						
BRD76	3000Psi	Bridge Section						
BRD77	3000Psi	Bridge Section						
BRD78	3000Psi	Bridge Section						
BRD79	3000Psi	Bridge Section						
BRD8	3000Psi	Bridge Section						
BRD80	3000Psi	Bridge Section						
BRD81	3000Psi	Bridge Section						
BRD82	3000Psi	Bridge Section						
BRD83	3000Psi	Bridge Section						
BRD84	3000Psi	Bridge Section						
BRD85	3000Psi	Bridge Section						
BRD86	3000Psi	Bridge Section						
BRD9	3000Psi	Bridge Section						
C15x33.9	Grade 33	Channel	1.25	0.28333	0.05417	0.03333		
Column Section	3000Psi	Rectangular	4.	4.				
FSEC1	Grade 33	Rectangular	0.105	1.00958				
FSEC2	A709Gr50	I/Wide Flange	2.00833	0.75167	0.06417	0.03917	0.75167	0.06417
FSEC3	Grade 33	Rectangular	0.83333	0.03125				
FSEC4	Grade 33	Rectangular	0.085	1.				
FSEC5	Grade 33	Rectangular	0.15617	1.16667				
FSEC6	Grade 33	Rectangular	0.12808	1.				
FSEC7	Grade 33	Rectangular	0.16658	1.16667				
FSEC8	Grade 33	Rectangular	0.13675	1.				
FSEC9	Grade 33	Rectangular	0.105	1.3725				
Int Diaphragm Section	Grade 33	I/Wide Flange	2.54167	0.61458	0.02608	0.03125	0.61458	0.02608
Span 12_ext Girder		Nonprismatic						
Span 12_int Girder		Nonprismatic						
Span 13_ext Girder		Nonprismatic						
Span 13_int Girder		Nonprismatic						

Table 20: Frame Section Properties 01 - General, Part 1 of 5

SectionName	Material	Shape	t3	t2	tf	tw	t2b	tfb
			ft	ft	ft	ft	ft	ft
Span 14_ext Girder		Nonprismatic						
Span 14_int Girder		Nonprismatic						
Span 15_ext Girder		Nonprismatic						
Span 15_int Girder		Nonprismatic						
VAR11		Nonprismatic						
W36x160	Grade 33	I/Wide Flange	3.00083	1.	0.085	0.05417	1.	0.085
W36x160 + CP 10x1/2	Grade 33	I/Wide Flange	3.05692	1.	0.11975	0.05417	1.	0.11975
W36x160 + CP 10x3/4	Grade 33	I/Wide Flange	3.10433	1.	0.13675	0.05417	1.	0.13675
W36x160 + CP 10x5/8	Grade 33	I/Wide Flange	3.087	1.	0.12808	0.05417	1.	0.12808
W36x160 + CP 14x1	Grade 33	I/Wide Flange	3.14325	1.16667	0.15617	0.05417	1.16667	0.15617
W36x160 + CP 14x1.125	Grade 33	I/Wide Flange	3.16408	1.16667	0.16658	0.05417	1.16667	0.16658
W36x160 + CP 14x7/8	Grade 33	I/Wide Flange	3.1224	1.1667	0.1458	0.0542	1.1667	0.1458
W36x170	Grade 33	I/Wide Flange	3.01417	1.0025	0.09167	0.05667	1.0025	0.09167
W36x170 + CP 14x1	Grade 33	I/Wide Flange	3.155	1.16667	0.16208	0.05667	1.16667	0.16208
W36x170 + CP 14x1.125	Grade 33	I/Wide Flange	3.17583	1.16667	0.1725	0.05667	1.16667	0.1725
W36x170 + CP 8x3/8	Grade 33	I/Wide Flange	3.05575	1.0025	0.11242	0.05667	1.0025	0.11242
W36x182	Grade 33	I/Wide Flange	3.0275	1.00625	0.09833	0.06042	1.00625	0.09833
W36x182 + CP14x3/4	Grade 33	I/Wide Flange	3.12542	1.16667	0.14733	0.06042	1.16667	0.14733
W36x194	Grade 33	I/Wide Flange	3.04083	1.00958	0.105	0.06375	1.00958	0.105
W36x230	Grade 33	I/Wide Flange	2.99167	1.3725	0.105	0.06333	1.3725	0.105
W36x260	Grade 33	I/Wide Flange	3.02167	1.37917	0.12	0.07	1.37917	0.12
W36x280	Grade 33	I/Wide Flange	3.04333	1.38292	0.13083	0.07375	1.38292	0.13083
W36x280 + CP 12x1	Grade 33	I/Wide Flange	3.13467	1.38292	0.19108	0.07375	1.38292	0.19108
W36x300	Grade 33	I/Wide Flange	3.06167	1.38792	0.14	0.07875	1.38792	0.14
W36x300 + CP 10x7/16	Grade 33	I/Wide Flange	3.11933	1.38792	0.19258	0.07875	1.38792	0.19258
W36x300 + CP 14x1	Grade 33	I/Wide Flange	3.15425	1.38792	0.21008	0.07875	1.38792	0.21008

Table 20: Frame Section Properties 01 - General, Part 2 of 5

Table 20: Frame Section Properties 01 - General, Part 2 of 5

SectionName	Area	TorsConst	I33	I22	I23	AS2	AS3
	ft2	ft4	ft4	ft4	ft4	ft2	ft2
Bent Cap	16.	36.053333	21.333333	21.333333	0.	13.3333	13.3333
BRD1	64.4615	5.186683	104.451614	19926.53564	0.	18.8771	32.8666
BRD10	64.4615	5.186683	104.451614	19926.53564	0.	18.8771	32.8666
BRD11	64.4615	5.186683	104.451614	19926.53564	0.	18.8771	32.8666

Table 20: Frame Section Properties 01 - General, Part 2 of 5

SectionName	Area	TorsConst	I33	I22	I23	AS2	AS3
	ft2	ft4	ft4	ft4	ft4	ft2	ft2
BRD12	64.4615	5.186683	104.451614	19926.53564	0.	18.8771	32.8666
BRD13	64.4615	5.186683	104.451614	19926.53564	0.	18.8771	32.8666
BRD14	64.4615	5.186683	104.451614	19926.53564	0.	18.8771	32.8666
BRD15	64.4615	5.186683	104.451614	19926.53564	0.	18.8771	32.8666
BRD16	64.4615	5.186683	104.451614	19926.53564	0.	18.8771	32.8666
BRD17	59.4724	5.090568	89.687228	18249.93102	0.	16.1839	32.5962
BRD18	62.9728	5.261855	102.634615	20994.69308	0.	16.315	33.4617
BRD19	62.9728	5.261855	102.634615	20994.69308	0.	16.315	33.4617
BRD2	64.4615	5.186683	104.451614	19926.53564	0.	18.8771	32.8666
BRD20	67.5166	5.36586	119.003846	21843.25568	0.	16.2449	33.4417
BRD21	67.5166	5.36586	119.003846	21843.25568	0.	16.2449	33.4417
BRD22	67.5166	5.36586	119.003846	21843.25568	0.	16.2449	33.4417
BRD23	67.5166	5.36586	119.003846	21843.25568	0.	16.2449	33.4417
BRD24	59.4724	5.090568	89.687228	18249.93102	0.	16.1839	32.5962
BRD25	59.4724	5.090568	89.687228	18249.93102	0.	16.1839	32.5962
BRD26	59.4724	5.090568	89.687228	18249.93102	0.	16.1839	32.5962
BRD27	59.4724	5.090568	89.687228	18249.93102	0.	16.1839	32.5962
BRD28	59.4724	5.090568	89.687228	18249.93102	0.	16.1839	32.5962
BRD29	59.4724	5.090568	89.687228	18249.93102	0.	16.1839	32.5962
BRD3	64.4615	5.186683	104.451614	19926.53564	0.	18.8771	32.8666
BRD30	59.4724	5.090568	89.687228	18249.93102	0.	16.1839	32.5962
BRD31	59.4724	5.090568	89.687228	18249.93102	0.	16.1839	32.5962
BRD32	59.4724	5.090568	89.687228	18249.93102	0.	16.1839	32.5962
BRD33	59.4724	5.090568	89.687228	18249.93102	0.	16.1839	32.5962
BRD34	59.4724	5.090568	89.687228	18249.93102	0.	16.1839	32.5962
BRD35	59.4724	5.090568	89.687228	18249.93102	0.	16.1839	32.5962
BRD36	59.4724	5.090568	89.687228	18249.93102	0.	16.1839	32.5962
BRD37	59.4724	5.090568	89.687228	18249.93102	0.	16.1839	32.5962
BRD38	59.4724	5.090568	89.687228	18249.93102	0.	16.1839	32.5962
BRD39	59.4724	5.090568	89.687228	18249.93102	0.	16.1839	32.5962

Table 20: Frame Section Properties 01 - General, Part 2 of 5

SectionName	Area	TorsConst	I33	I22	I23	AS2	AS3
	ft2	ft4	ft4	ft4	ft4	ft2	ft2
BRD4	64.4615	5.186683	104.451614	19926.53564	0.	18.8771	32.8666
BRD40	59.4724	5.090568	89.687228	18249.93102	0.	16.1839	32.5962
BRD41	59.4724	5.090568	89.687228	18249.93102	0.	16.1839	32.5962
BRD42	62.9728	5.261855	102.634615	20994.69308	0.	16.315	33.4617
BRD43	67.5166	5.36586	119.003846	21843.25568	0.	16.2449	33.4417
BRD44	67.5166	5.36586	119.003846	21843.25568	0.	16.2449	33.4417
BRD45	67.5166	5.36586	119.003846	21843.25568	0.	16.2449	33.4417
BRD46	62.9728	5.261855	102.634615	20994.69308	0.	16.315	33.4617
BRD47	62.9728	5.261855	102.634615	20994.69308	0.	16.315	33.4617
BRD48	59.4724	5.090568	89.687228	18249.93102	0.	16.1839	32.5962
BRD49	59.4724	5.090568	89.687228	18249.93102	0.	16.1839	32.5962
BRD5	64.4615	5.186683	104.451614	19926.53564	0.	18.8771	32.8666
BRD50	59.4724	5.090568	89.687228	18249.93102	0.	16.1839	32.5962
BRD51	59.4724	5.090568	89.687228	18249.93102	0.	16.1839	32.5962
BRD52	59.4724	5.090568	89.687228	18249.93102	0.	16.1839	32.5962
BRD53	59.4724	5.090568	89.687228	18249.93102	0.	16.1839	32.5962
BRD54	59.4724	5.090568	89.687228	18249.93102	0.	16.1839	32.5962
BRD55	59.4724	5.090568	89.687228	18249.93102	0.	16.1839	32.5962
BRD56	59.4724	5.090568	89.687228	18249.93102	0.	16.1839	32.5962
BRD57	59.4724	5.090568	89.687228	18249.93102	0.	16.1839	32.5962
BRD58	59.4724	5.090568	89.687228	18249.93102	0.	16.1839	32.5962
BRD59	59.4724	5.090568	89.687228	18249.93102	0.	16.1839	32.5962
BRD6	64.4615	5.186683	104.451614	19926.53564	0.	18.8771	32.8666
BRD60	59.4724	5.090568	89.687228	18249.93102	0.	16.1839	32.5962
BRD61	59.4724	5.090568	89.687228	18249.93102	0.	16.1839	32.5962
BRD62	59.4724	5.090568	89.687228	18249.93102	0.	16.1839	32.5962
BRD63	59.4724	5.090568	89.687228	18249.93102	0.	16.1839	32.5962
BRD64	63.4	5.274703	104.285138	21329.69484	0.	16.3376	33.5469
BRD65	68.8579	5.402621	123.83793	22348.95472	0.	16.2528	33.5144
BRD66	68.8579	5.402621	123.83793	22348.95472	0.	16.2528	33.5144

Table 20: Frame Section Properties 01 - General, Part 2 of 5

SectionName	Area	TorsConst	I33	I22	I23	AS2	AS3
	ft2	ft4	ft4	ft4	ft4	ft2	ft2
BRD67	68.8579	5.402621	123.83793	22348.95472	0.	16.2528	33.5144
BRD68	63.4	5.274703	104.285138	21329.69484	0.	16.3376	33.5469
BRD69	63.4	5.274703	104.285138	21329.69484	0.	16.3376	33.5469
BRD7	64.4615	5.186683	104.451614	19926.53564	0.	18.8771	32.8666
BRD70	59.4724	5.090568	89.687228	18249.93102	0.	16.1839	32.5962
BRD71	70.2269	6.100636	118.702723	21865.86933	0.	18.4784	34.3028
BRD72	70.2269	6.100636	118.702723	21865.86933	0.	18.4784	34.3028
BRD73	70.2269	6.100636	118.702723	21865.86933	0.	18.4784	34.3028
BRD74	70.2269	6.100636	118.702723	21865.86933	0.	18.4784	34.3028
BRD75	70.2269	6.100636	118.702723	21865.86933	0.	18.4784	34.3028
BRD76	70.2269	6.100636	118.702723	21865.86933	0.	18.4784	34.3028
BRD77	70.2269	6.100636	118.702723	21865.86933	0.	18.4784	34.3028
BRD78	70.2269	6.100636	118.702723	21865.86933	0.	18.4784	34.3028
BRD79	70.2269	6.100636	118.702723	21865.86933	0.	18.4784	34.3028
BRD8	64.4615	5.186683	104.451614	19926.53564	0.	18.8771	32.8666
BRD80	70.2269	6.100636	118.702723	21865.86933	0.	18.4784	34.3028
BRD81	70.2269	6.100636	118.702723	21865.86933	0.	18.4784	34.3028
BRD82	70.2269	6.100636	118.702723	21865.86933	0.	18.4784	34.3028
BRD83	70.2269	6.100636	118.702723	21865.86933	0.	18.4784	34.3028
BRD84	70.2269	6.100636	118.702723	21865.86933	0.	18.4784	34.3028
BRD85	70.2269	6.100636	118.702723	21865.86933	0.	18.4784	34.3028
BRD86	70.2269	6.100636	118.702723	21865.86933	0.	18.4784	34.3028
BRD9	64.4615	5.186683	104.451614	19926.53564	0.	18.8771	32.8666
C15x33.9	0.0692	0.000049	0.015191	0.000392	0.	0.0417	0.0307
Column Section	16.	36.053333	21.333333	21.333333	0.	13.3333	13.3333
FSEC1	0.106	0.000364	0.000097	0.009004	0.	0.0883	0.0883
FSEC2	0.1715	0.000178	0.114294	0.004552	0.	0.0787	0.0804
FSEC3	0.026	8.277E-06	0.001507	2.119E-06	0.	0.0217	0.0217
FSEC4	0.085	0.000194	0.000051	0.007083	0.	0.0708	0.0708
FSEC5	0.1822	0.001356	0.00037	0.020666	0.	0.1518	0.1518
FSEC6	0.1281	0.000644	0.000175	0.010674	0.	0.1067	0.1067
FSEC7	0.1943	0.001636	0.000449	0.022044	0.	0.162	0.162
FSEC8	0.1368	0.000779	0.000213	0.011396	0.	0.114	0.114
FSEC9	0.1441	0.000504	0.000132	0.022623	0.	0.1201	0.1201
Int Diaphragm Section	0.1099	0.000032	0.090903	0.001015	0.	0.0794	0.0267

Table 20: Frame Section Properties 01 - General, Part 2 of 5

SectionName	Area	TorsConst	I33	I22	I23	AS2	AS3
	ft2	ft4	ft4	ft4	ft4	ft2	ft2
Span 12_ext Girder							
Span 12_int Girder							
Span 13_ext Girder							
Span 13_int Girder							
Span 14_ext Girder							
Span 14_int Girder							
Span 15_ext Girder							
Span 15_int Girder							
VAR11							
W36x160	0.3264	0.000598	0.470197	0.014226	0.	0.1625	0.1417
W36x160 + CP 10x1/2	0.3921	0.001206	0.617774	0.019996	0.	0.1656	0.1996
W36x160 + CP 10x3/4	0.4268	0.001706	0.704973	0.022829	0.	0.1682	0.2279
W36x160 + CP 10x5/8	0.4095	0.001436	0.663446	0.021385	0.	0.1672	0.2135
W36x160 + CP 14x1	0.5177	0.002861	0.915978	0.041369	0.	0.1703	0.3037
W36x160 + CP 14x1.125	0.542	0.00342	0.976412	0.044126	0.	0.1714	0.3239
W36x160 + CP 14x7/8	0.4936	0.002369	0.856638	0.038628	0.	0.1692	0.2835
W36x170	0.3472	0.000728	0.506366	0.015432	0.	0.1708	0.1532
W36x170 + CP 14x1	0.5386	0.003192	0.954877	0.04294	0.	0.1788	0.3152
W36x170 + CP 14x1.125	0.5629	0.00379	1.015761	0.045697	0.	0.18	0.3354
W36x170 + CP 8x3/8	0.3858	0.001052	0.595533	0.01892	0.	0.1732	0.1878
W36x182	0.3722	0.000887	0.544946	0.016734	0.	0.1829	0.1649
W36x182 + CP14x3/4	0.5148	0.002495	0.877065	0.039045	0.	0.1888	0.2865
W36x194	0.3958	0.001071	0.583526	0.018084	0.	0.1939	0.1767
W36x230	0.4694	0.001379	0.72338	0.045332	0.	0.1895	0.2402
W36x260	0.5313	0.002001	0.834298	0.052566	0.	0.2115	0.2758
W36x280	0.5722	0.002537	0.911458	0.05787	0.	0.2244	0.3016
W36x280 + CP 12x1	0.7315	0.006234	1.274602	0.084321	0.	0.2312	0.4404
W36x300	0.6132	0.003096	0.978974	0.062693	0.	0.2411	0.3238
W36x300 + CP 10x7/16	0.7499	0.006468	1.280571	0.085925	0.	0.2456	0.4455
W36x300 + CP 14x1	0.7985	0.008198	1.399985	0.093723	0.	0.2484	0.486

Table 20: Frame Section Properties 01 - General, Part 3 of 5

Table 20: Frame Section Properties 01 - General, Part 3 of 5

SectionName	S33	S22	Z33	Z22	R33	R22
	ft3	ft3	ft3	ft3	ft	ft
Bent Cap	10.666667	10.666667	16.	16.	1.1547	1.1547
BRD1	40.400435	681.249082	67.480637	1070.425191	1.27294	17.58189
BRD10	40.400435	681.249082	67.480637	1070.425191	1.27294	17.58189
BRD11	40.400435	681.249082	67.480637	1070.425191	1.27294	17.58189
BRD12	40.400435	681.249082	67.480637	1070.425191	1.27294	17.58189
BRD13	40.400435	681.249082	67.480637	1070.425191	1.27294	17.58189
BRD14	40.400435	681.249082	67.480637	1070.425191	1.27294	17.58189
BRD15	40.400435	681.249082	67.480637	1070.425191	1.27294	17.58189
BRD16	40.400435	681.249082	67.480637	1070.425191	1.27294	17.58189
BRD17	33.735843	623.929265	57.368269	975.456325	1.22803	17.51752
BRD18	38.54506	717.767285	64.554973	1092.093115	1.27665	18.25906
BRD19	38.54506	717.767285	64.554973	1092.093115	1.27665	18.25906
BRD2	40.400435	681.249082	67.480637	1070.425191	1.27294	17.58189
BRD20	46.063687	746.777972	73.482505	1157.235128	1.32762	17.98678
BRD21	46.063687	746.777972	73.482505	1157.235128	1.32762	17.98678
BRD22	46.063687	746.777972	73.482505	1157.235128	1.32762	17.98678
BRD23	46.063687	746.777972	73.482505	1157.235128	1.32762	17.98678
BRD24	33.735843	623.929265	57.368269	975.456325	1.22803	17.51752
BRD25	33.735843	623.929265	57.368269	975.456325	1.22803	17.51752
BRD26	33.735843	623.929265	57.368269	975.456325	1.22803	17.51752
BRD27	33.735843	623.929265	57.368269	975.456325	1.22803	17.51752
BRD28	33.735843	623.929265	57.368269	975.456325	1.22803	17.51752
BRD29	33.735843	623.929265	57.368269	975.456325	1.22803	17.51752
BRD3	40.400435	681.249082	67.480637	1070.425191	1.27294	17.58189
BRD30	33.735843	623.929265	57.368269	975.456325	1.22803	17.51752
BRD31	33.735843	623.929265	57.368269	975.456325	1.22803	17.51752
BRD32	33.735843	623.929265	57.368269	975.456325	1.22803	17.51752
BRD33	33.735843	623.929265	57.368269	975.456325	1.22803	17.51752
BRD34	33.735843	623.929265	57.368269	975.456325	1.22803	17.51752

Table 20: Frame Section Properties 01 - General, Part 3 of 5

SectionName	S33	S22	Z33	Z22	R33	R22
	ft3	ft3	ft3	ft3	ft	ft
BRD35	33.735843	623.929265	57.368269	975.456325	1.22803	17.51752
BRD36	33.735843	623.929265	57.368269	975.456325	1.22803	17.51752
BRD37	33.735843	623.929265	57.368269	975.456325	1.22803	17.51752
BRD38	33.735843	623.929265	57.368269	975.456325	1.22803	17.51752
BRD39	33.735843	623.929265	57.368269	975.456325	1.22803	17.51752
BRD4	40.400435	681.249082	67.480637	1070.425191	1.27294	17.58189
BRD40	33.735843	623.929265	57.368269	975.456325	1.22803	17.51752
BRD41	33.735843	623.929265	57.368269	975.456325	1.22803	17.51752
BRD42	38.54506	717.767285	64.554973	1092.093115	1.27665	18.25906
BRD43	46.063687	746.777972	73.482505	1157.235128	1.32762	17.98678
BRD44	46.063687	746.777972	73.482505	1157.235128	1.32762	17.98678
BRD45	46.063687	746.777972	73.482505	1157.235128	1.32762	17.98678
BRD46	38.54506	717.767285	64.554973	1092.093115	1.27665	18.25906
BRD47	38.54506	717.767285	64.554973	1092.093115	1.27665	18.25906
BRD48	33.735843	623.929265	57.368269	975.456325	1.22803	17.51752
BRD49	33.735843	623.929265	57.368269	975.456325	1.22803	17.51752
BRD5	40.400435	681.249082	67.480637	1070.425191	1.27294	17.58189
BRD50	33.735843	623.929265	57.368269	975.456325	1.22803	17.51752
BRD51	33.735843	623.929265	57.368269	975.456325	1.22803	17.51752
BRD52	33.735843	623.929265	57.368269	975.456325	1.22803	17.51752
BRD53	33.735843	623.929265	57.368269	975.456325	1.22803	17.51752
BRD54	33.735843	623.929265	57.368269	975.456325	1.22803	17.51752
BRD55	33.735843	623.929265	57.368269	975.456325	1.22803	17.51752
BRD56	33.735843	623.929265	57.368269	975.456325	1.22803	17.51752
BRD57	33.735843	623.929265	57.368269	975.456325	1.22803	17.51752
BRD58	33.735843	623.929265	57.368269	975.456325	1.22803	17.51752
BRD59	33.735843	623.929265	57.368269	975.456325	1.22803	17.51752
BRD6	40.400435	681.249082	67.480637	1070.425191	1.27294	17.58189
BRD60	33.735843	623.929265	57.368269	975.456325	1.22803	17.51752
BRD61	33.735843	623.929265	57.368269	975.456325	1.22803	17.51752

Table 20: Frame Section Properties 01 - General, Part 3 of 5

SectionName	S33	S22	Z33	Z22	R33	R22
	ft3	ft3	ft3	ft3	ft	ft
BRD62	33.735843	623.929265	57.368269	975.456325	1.22803	17.51752
BRD63	33.735843	623.929265	57.368269	975.456325	1.22803	17.51752
BRD64	39.12878	729.220336	65.440362	1106.384782	1.28253	18.34204
BRD65	48.140157	764.066828	76.094553	1184.630794	1.34107	18.01572
BRD66	48.140157	764.066828	76.094553	1184.630794	1.34107	18.01572
BRD67	48.140157	764.066828	76.094553	1184.630794	1.34107	18.01572
BRD68	39.12878	729.220336	65.440362	1106.384782	1.28253	18.34204
BRD69	39.12878	729.220336	65.440362	1106.384782	1.28253	18.34204
BRD7	40.400435	681.249082	67.480637	1070.425191	1.27294	17.58189
BRD70	33.735843	623.929265	57.368269	975.456325	1.22803	17.51752
BRD71	48.049242	747.551088	76.091938	1178.423001	1.30011	17.64541
BRD72	48.049242	747.551088	76.091938	1178.423001	1.30011	17.64541
BRD73	48.049242	747.551088	76.091938	1178.423001	1.30011	17.64541
BRD74	48.049242	747.551088	76.091938	1178.423001	1.30011	17.64541
BRD75	48.049242	747.551088	76.091938	1178.423001	1.30011	17.64541
BRD76	48.049242	747.551088	76.091938	1178.423001	1.30011	17.64541
BRD77	48.049242	747.551088	76.091938	1178.423001	1.30011	17.64541
BRD78	48.049242	747.551088	76.091938	1178.423001	1.30011	17.64541
BRD79	48.049242	747.551088	76.091938	1178.423001	1.30011	17.64541
BRD8	40.400435	681.249082	67.480637	1070.425191	1.27294	17.58189
BRD80	48.049242	747.551088	76.091938	1178.423001	1.30011	17.64541
BRD81	48.049242	747.551088	76.091938	1178.423001	1.30011	17.64541
BRD82	48.049242	747.551088	76.091938	1178.423001	1.30011	17.64541
BRD83	48.049242	747.551088	76.091938	1178.423001	1.30011	17.64541
BRD84	48.049242	747.551088	76.091938	1178.423001	1.30011	17.64541
BRD85	48.049242	747.551088	76.091938	1178.423001	1.30011	17.64541
BRD86	48.049242	747.551088	76.091938	1178.423001	1.30011	17.64541
BRD9	40.400435	681.249082	67.480637	1070.425191	1.27294	17.58189
C15x33.9	0.024306	0.001801	0.029167	0.003605	0.46865	0.07529
Column Section	10.666667	10.666667	16.	16.	1.1547	1.1547
FSEC1	0.001855	0.017837	0.002783	0.026756	0.03031	0.29144

Table 20: Frame Section Properties 01 - General, Part 3 of 5

SectionName	S33	S22	Z33	Z22	R33	R22
	ft3	ft3	ft3	ft3	ft	ft
FSEC2	0.11382	0.012113	0.12963	0.018866	0.81629	0.16291
FSEC3	0.003617	0.000136	0.005425	0.000203	0.24056	0.00902
FSEC4	0.001204	0.014167	0.001806	0.02125	0.02454	0.28868
FSEC5	0.004742	0.035427	0.007113	0.05314	0.04508	0.33679
FSEC6	0.002734	0.021347	0.004101	0.032021	0.03697	0.28868
FSEC7	0.005396	0.03779	0.008094	0.056685	0.04809	0.33679
FSEC8	0.003117	0.022792	0.004675	0.034188	0.03948	0.28868
FSEC9	0.002522	0.032966	0.003783	0.049449	0.03031	0.39621
Int Diaphragm Section	0.07153	0.003305	0.088745	0.005534	0.90965	0.09614
Span 12_ext Girder						
Span 12_int Girder						
Span 13_ext Girder						
Span 13_int Girder						
Span 14_ext Girder						
Span 14_int Girder						
Span 15_ext Girder						
Span 15_int Girder						
VAR11						
W36x160	0.313377	0.028453	0.361111	0.044734	1.20025	0.20878
W36x160 + CP 10x1/2	0.404181	0.039991	0.459217	0.061942	1.25519	0.22582
W36x160 + CP 10x3/4	0.454186	0.045658	0.514335	0.070451	1.28515	0.23127
W36x160 + CP 10x5/8	0.429832	0.042769	0.487506	0.066118	1.27284	0.22852
W36x160 + CP 14x1	0.582822	0.070918	0.652754	0.108357	1.33012	0.28267
W36x160 + CP 14x1.125	0.617185	0.075644	0.69108	0.115446	1.34215	0.28532
W36x160 + CP 14x7/8	0.548705	0.066218	0.614916	0.10131	1.31733	0.27974
W36x170	0.335991	0.030787	0.386574	0.048495	1.20761	0.21082
W36x170 + CP 14x1	0.60531	0.073611	0.679478	0.112579	1.33149	0.28235
W36x170 + CP 14x1.125	0.639682	0.078337	0.717947	0.119668	1.34331	0.28492
W36x170 + CP 8x3/8	0.389779	0.037745	0.44524	0.058762	1.24241	0.22145
W36x182	0.359997	0.03326	0.415509	0.052488	1.20997	0.21203
W36x182 + CP14x3/4	0.561247	0.066935	0.632931	0.102852	1.30526	0.2754
W36x194	0.383794	0.035826	0.443866	0.056539	1.21415	0.21375
W36x230	0.483596	0.066057	0.545718	0.101852	1.24134	0.31075
W36x260	0.55221	0.076228	0.625	0.118056	1.25317	0.31456
W36x280	0.598987	0.083693	0.677083	0.129051	1.26208	0.31801
W36x280 + CP 12x1	0.81323	0.121946	0.917536	0.186462	1.32002	0.33952
W36x300	0.639504	0.090341	0.729167	0.139468	1.26353	0.31975

Table 20: Frame Section Properties 01 - General, Part 3 of 5

SectionName	S33	S22	Z33	Z22	R33	R22
	ft3	ft3	ft3	ft3	ft	ft
W36x300 + CP 10x7/16	0.821055	0.123819	0.929467	0.189727	1.30678	0.3385
W36x300 + CP 14x1	0.887682	0.135056	1.005623	0.206582	1.32414	0.34261

Table 20: Frame Section Properties 01 - General, Part 4 of 5

Table 20: Frame Section Properties 01 - General, Part 4 of 5

SectionName	EccV2	AMod	A2Mod	A3Mod	JMod	I2Mod	I3Mod	MMod
	ft							
Bent Cap		1.	1.	1.	1.	1.	1.	1.
BRD1		1.	1.	1.	1.	1.	1.	0.706668
BRD10		1.	1.	1.	1.	1.	1.	0.706668
BRD11		1.	1.	1.	1.	1.	1.	0.706668
BRD12		1.	1.	1.	1.	1.	1.	0.706668
BRD13		1.	1.	1.	1.	1.	1.	0.706668
BRD14		1.	1.	1.	1.	1.	1.	0.706668
BRD15		1.	1.	1.	1.	1.	1.	0.706668
BRD16		1.	1.	1.	1.	1.	1.	0.706668
BRD17		1.	1.	1.	1.	1.	1.	0.738071
BRD18		1.	1.	1.	1.	1.	1.	0.71545
BRD19		1.	1.	1.	1.	1.	1.	0.71545
BRD2		1.	1.	1.	1.	1.	1.	0.706668
BRD20		1.	1.	1.	1.	1.	1.	0.688486
BRD21		1.	1.	1.	1.	1.	1.	0.688486
BRD22		1.	1.	1.	1.	1.	1.	0.688486
BRD23		1.	1.	1.	1.	1.	1.	0.688486
BRD24		1.	1.	1.	1.	1.	1.	0.738071
BRD25		1.	1.	1.	1.	1.	1.	0.738071
BRD26		1.	1.	1.	1.	1.	1.	0.738071
BRD27		1.	1.	1.	1.	1.	1.	0.738071
BRD28		1.	1.	1.	1.	1.	1.	0.738071
BRD29		1.	1.	1.	1.	1.	1.	0.738071
BRD3		1.	1.	1.	1.	1.	1.	0.706668
BRD30		1.	1.	1.	1.	1.	1.	0.738071
BRD31		1.	1.	1.	1.	1.	1.	0.738071
BRD32		1.	1.	1.	1.	1.	1.	0.738071
BRD33		1.	1.	1.	1.	1.	1.	0.738071
BRD34		1.	1.	1.	1.	1.	1.	0.738071
BRD35		1.	1.	1.	1.	1.	1.	0.738071
BRD36		1.	1.	1.	1.	1.	1.	0.738071
BRD37		1.	1.	1.	1.	1.	1.	0.738071
BRD38		1.	1.	1.	1.	1.	1.	0.738071
BRD39		1.	1.	1.	1.	1.	1.	0.738071
BRD4		1.	1.	1.	1.	1.	1.	0.706668
BRD40		1.	1.	1.	1.	1.	1.	0.738071
BRD41		1.	1.	1.	1.	1.	1.	0.738071
BRD42		1.	1.	1.	1.	1.	1.	0.71545
BRD43		1.	1.	1.	1.	1.	1.	0.688486
BRD44		1.	1.	1.	1.	1.	1.	0.688486
BRD45		1.	1.	1.	1.	1.	1.	0.688486
BRD46		1.	1.	1.	1.	1.	1.	0.71545
BRD47		1.	1.	1.	1.	1.	1.	0.71545
BRD48		1.	1.	1.	1.	1.	1.	0.738071

Table 20: Frame Section Properties 01 - General, Part 4 of 5

SectionName	EccV2	AMod	A2Mod	A3Mod	JMod	I2Mod	I3Mod	MMod
	ft							
BRD49		1.	1.	1.	1.	1.	1.	0.738071
BRD5		1.	1.	1.	1.	1.	1.	0.706668
BRD50		1.	1.	1.	1.	1.	1.	0.738071
BRD51		1.	1.	1.	1.	1.	1.	0.738071
BRD52		1.	1.	1.	1.	1.	1.	0.738071
BRD53		1.	1.	1.	1.	1.	1.	0.738071
BRD54		1.	1.	1.	1.	1.	1.	0.738071
BRD55		1.	1.	1.	1.	1.	1.	0.738071
BRD56		1.	1.	1.	1.	1.	1.	0.738071
BRD57		1.	1.	1.	1.	1.	1.	0.738071
BRD58		1.	1.	1.	1.	1.	1.	0.738071
BRD59		1.	1.	1.	1.	1.	1.	0.738071
BRD6		1.	1.	1.	1.	1.	1.	0.706668
BRD60		1.	1.	1.	1.	1.	1.	0.738071
BRD61		1.	1.	1.	1.	1.	1.	0.738071
BRD62		1.	1.	1.	1.	1.	1.	0.738071
BRD63		1.	1.	1.	1.	1.	1.	0.738071
BRD64		1.	1.	1.	1.	1.	1.	0.71275
BRD65		1.	1.	1.	1.	1.	1.	0.681206
BRD66		1.	1.	1.	1.	1.	1.	0.681206
BRD67		1.	1.	1.	1.	1.	1.	0.681206
BRD68		1.	1.	1.	1.	1.	1.	0.71275
BRD69		1.	1.	1.	1.	1.	1.	0.71275
BRD7		1.	1.	1.	1.	1.	1.	0.706668
BRD70		1.	1.	1.	1.	1.	1.	0.738071
BRD71		1.	1.	1.	1.	1.	1.	0.681411
BRD72		1.	1.	1.	1.	1.	1.	0.681411
BRD73		1.	1.	1.	1.	1.	1.	0.681411
BRD74		1.	1.	1.	1.	1.	1.	0.681411
BRD75		1.	1.	1.	1.	1.	1.	0.681411
BRD76		1.	1.	1.	1.	1.	1.	0.681411
BRD77		1.	1.	1.	1.	1.	1.	0.681411
BRD78		1.	1.	1.	1.	1.	1.	0.681411
BRD79		1.	1.	1.	1.	1.	1.	0.681411
BRD8		1.	1.	1.	1.	1.	1.	0.706668
BRD80		1.	1.	1.	1.	1.	1.	0.681411
BRD81		1.	1.	1.	1.	1.	1.	0.681411
BRD82		1.	1.	1.	1.	1.	1.	0.681411
BRD83		1.	1.	1.	1.	1.	1.	0.681411
BRD84		1.	1.	1.	1.	1.	1.	0.681411
BRD85		1.	1.	1.	1.	1.	1.	0.681411
BRD86		1.	1.	1.	1.	1.	1.	0.681411
BRD9		1.	1.	1.	1.	1.	1.	0.706668
C15x33.9	0.13921	1.	1.	1.	1.	1.	1.	1.
Column Section		1.	1.	1.	1.	1.	1.	1.
FSEC1		1.	1.	1.	1.	1.	1.	1.
FSEC2		10.	10.	10.	10.	10.	10.	1.
FSEC3		1.	1.	1.	1.	1.	1.	1.
FSEC4		1.	1.	1.	1.	1.	1.	1.
FSEC5		1.	1.	1.	1.	1.	1.	1.
FSEC6		1.	1.	1.	1.	1.	1.	1.
FSEC7		1.	1.	1.	1.	1.	1.	1.
FSEC8		1.	1.	1.	1.	1.	1.	1.
FSEC9		1.	1.	1.	1.	1.	1.	1.

Table 20: Frame Section Properties 01 - General, Part 4 of 5

SectionName	EccV2 ft	AMod	A2Mod	A3Mod	JMod	I2Mod	I3Mod	MMod
Int Diaphragm Section		1.	1.	1.	1.	1.	1.	1.
Span 12_ext Girder								
Span 12_int Girder								
Span 13_ext Girder								
Span 13_int Girder								
Span 14_ext Girder								
Span 14_int Girder								
Span 15_ext Girder								
Span 15_int Girder								
VAR11								
W36x160		1.	1.	1.	1.	1.	1.	1.
W36x160 + CP 10x1/2		1.	1.	1.	1.	1.	1.	1.
W36x160 + CP 10x3/4		1.	1.	1.	1.	1.	1.	1.
W36x160 + CP 10x5/8		1.	1.	1.	1.	1.	1.	1.
W36x160 + CP 14x1		1.	1.	1.	1.	1.	1.	1.
W36x160 + CP 14x1.125		1.	1.	1.	1.	1.	1.	1.
W36x160 + CP 14x7/8		1.	1.	1.	1.	1.	1.	1.
W36x170		1.	1.	1.	1.	1.	1.	1.
W36x170 + CP 14x1		1.	1.	1.	1.	1.	1.	1.
W36x170 + CP 14x1.125		1.	1.	1.	1.	1.	1.	1.
W36x170 + CP 8x3/8		1.	1.	1.	1.	1.	1.	1.
W36x182		1.	1.	1.	1.	1.	1.	1.
W36x182 + CP14x3/4		1.	1.	1.	1.	1.	1.	1.
W36x194		1.	1.	1.	1.	1.	1.	1.
W36x230		1.	1.	1.	1.	1.	1.	1.
W36x260		1.	1.	1.	1.	1.	1.	1.
W36x280		1.	1.	1.	1.	1.	1.	1.
W36x280 + CP 12x1		1.	1.	1.	1.	1.	1.	1.
W36x300		1.	1.	1.	1.	1.	1.	1.
W36x300 + CP 10x7/16		1.	1.	1.	1.	1.	1.	1.
W36x300 + CP 14x1		1.	1.	1.	1.	1.	1.	1.

Table 20: Frame Section Properties 01 - General, Part 5 of 5

Table 20: Frame Section Properties 01 - General, Part 5 of 5

SectionName	WMod
Bent Cap	1.
BRD1	0.706668
BRD10	0.706668
BRD11	0.706668
BRD12	0.706668
BRD13	0.706668
BRD14	0.706668
BRD15	0.706668
BRD16	0.706668
BRD17	0.738071
BRD18	0.71545
BRD19	0.71545
BRD2	0.706668
BRD20	0.688486
BRD21	0.688486
BRD22	0.688486
BRD23	0.688486
BRD24	0.738071
BRD25	0.738071
BRD26	0.738071
BRD27	0.738071
BRD28	0.738071
BRD29	0.738071
BRD3	0.706668
BRD30	0.738071
BRD31	0.738071
BRD32	0.738071
BRD33	0.738071
BRD34	0.738071
BRD35	0.738071
BRD36	0.738071
BRD37	0.738071
BRD38	0.738071
BRD39	0.738071
BRD4	0.706668
BRD40	0.738071
BRD41	0.738071
BRD42	0.71545
BRD43	0.688486
BRD44	0.688486
BRD45	0.688486
BRD46	0.71545
BRD47	0.71545
BRD48	0.738071
BRD49	0.738071
BRD5	0.706668
BRD50	0.738071
BRD51	0.738071
BRD52	0.738071
BRD53	0.738071
BRD54	0.738071

Table 20: Frame Section Properties 01 - General, Part 5 of 5

SectionName	WMod
BRD55	0.738071
BRD56	0.738071
BRD57	0.738071
BRD58	0.738071
BRD59	0.738071
BRD6	0.706668
BRD60	0.738071
BRD61	0.738071
BRD62	0.738071
BRD63	0.738071
BRD64	0.71275
BRD65	0.681206
BRD66	0.681206
BRD67	0.681206
BRD68	0.71275
BRD69	0.71275
BRD7	0.706668
BRD70	0.738071
BRD71	0.681411
BRD72	0.681411
BRD73	0.681411
BRD74	0.681411
BRD75	0.681411
BRD76	0.681411
BRD77	0.681411
BRD78	0.681411
BRD79	0.681411
BRD8	0.706668
BRD80	0.681411
BRD81	0.681411
BRD82	0.681411
BRD83	0.681411
BRD84	0.681411
BRD85	0.681411
BRD86	0.681411
BRD9	0.706668
C15x33.9	1.
Column Section	1.
FSEC1	1.
FSEC2	1.
FSEC3	1.
FSEC4	1.
FSEC5	1.
FSEC6	1.
FSEC7	1.
FSEC8	1.
FSEC9	1.
Int Diaphragm Section	1.
Span 12_ext Girder	
Span 12_int Girder	

Table 20: Frame Section Properties 01 - General, Part 5 of 5

SectionName	WMod
Span 13_ext Girder	
Span 13_int Girder	
Span 14_ext Girder	
Span 14_int Girder	
Span 15_ext Girder	
Span 15_int Girder	
VAR11	
W36x160	1.
W36x160 + CP 10x1/2	1.
W36x160 + CP 10x3/4	1.
W36x160 + CP 10x5/8	1.
W36x160 + CP 14x1	1.
W36x160 + CP 14x1.125	1.
W36x160 + CP 14x7/8	1.
W36x170	1.
W36x170 + CP 14x1	1.
W36x170 + CP 14x1.125	1.
W36x170 + CP 8x3/8	1.
W36x182	1.
W36x182 + CP14x3/4	1.
W36x194	1.
W36x230	1.
W36x260	1.
W36x280	1.
W36x280 + CP 12x1	1.
W36x300	1.
W36x300 + CP 10x7/16	1.
W36x300 + CP 14x1	1.

Table 21: Frame Section Properties 02 - Concrete Column, Part 1 of 2

Table 21: Frame Section Properties 02 - Concrete Column, Part 1 of 2

SectionName	RebarMatL	RebarMatC	ReinfConfig	LatReinf	Cover	NumBars3Dir	NumBars2Dir
					ft		
Bent Cap	A615Gr60	A615Gr60	Rectangular	Ties	0.125	3	3
Column Section	A615Gr60	A615Gr60	Rectangular	Ties	0.125	3	3

Table 21: Frame Section Properties 02 - Concrete Column, Part 2 of 2

Table 21: Frame Section Properties 02 - Concrete Column, Part 2 of 2

SectionName	BarSizeL	BarSizeC	SpacingC	NumCBars2	NumCBars3
			ft		
Bent Cap	#9	#4	0.5	3	3
Column Section	#9	#4	0.5	3	3

Table 22: Frame Section Properties 05 - Nonprismatic

Table 22: Frame Section Properties 05 - Nonprismatic

SectionName	SegmentNum	StartSect	EndSect	AbsLength	VarLength	EI33Var	EI22Var
				ft			
Span 12_ext Girder	1	W36x194	W36x194	53.92		Linear	Linear
Span 12_ext Girder	2	W36x160	W36x160	5.		Linear	Linear
Span 12_ext Girder	3	W36x160 + CP 14x1	W36x160 + CP 14x1	8.5		Linear	Linear
Span 12_int Girder	1	W36x194	W36x194	53.92		Linear	Linear
Span 12_int Girder	2	W36x160	W36x160	7.5		Linear	Linear
Span 12_int Girder	3	W36x160 + CP 10x5/8	W36x160 + CP 10x5/8	6.		Linear	Linear
Span 13_ext Girder	1	W36x160 + CP 14x1	W36x160 + CP 14x1	8.5		Linear	Linear
Span 13_ext Girder	2	W36x160	W36x160	50.417		Linear	Linear
Span 13_ext Girder	3	W36x160 + CP 14x1	W36x160 + CP 14x1	8.5		Linear	Linear
Span 13_int Girder	1	W36x160 + CP 10x5/8	W36x160 + CP 10x5/8	6.		Linear	Linear
Span 13_int Girder	2	W36x160	W36x160	55.917		Linear	Linear
Span 13_int Girder	3	W36x160 + CP 10x5/8	W36x160 + CP 10x5/8	5.5		Linear	Linear
Span 14_ext Girder	1	W36x160 + CP 14x1	W36x160 + CP 14x1	8.5		Linear	Linear
Span 14_ext Girder	2	W36x160	W36x160	51.22		Linear	Linear
Span 14_ext Girder	3	W36x160 + CP 14x1.125	W36x160 + CP 14x1.125	8.5		Linear	Linear
Span 14_int Girder	1	W36x160 + CP 10x5/8	W36x160 + CP 10x5/8	5.5		Linear	Linear
Span 14_int Girder	2	W36x160	W36x160	56.72		Linear	Linear
Span 14_int Girder	3	W36x160 + CP 10x3/4	W36x160 + CP 10x3/4	6.		Linear	Linear

Table 22: Frame Section Properties 05 - Nonprismatic

SectionName	SegmentNum	StartSect	EndSect	AbsLength	VarLength	EI33Var	EI22Var
				ft			
Span 15_ext Girder	1	W36x160 + CP 14x1.125	W36x160 + CP 14x1.125	8.5		Linear	Linear
Span 15_ext Girder	2	W36x160	W36x160	5.		Linear	Linear
Span 15_ext Girder	3	W36x230	W36x230	54.33		Linear	Linear
Span 15_int Girder	1	W36x160 + CP 10x3/4	W36x160 + CP 10x3/4	6.		Linear	Linear
Span 15_int Girder	2	W36x160	W36x160	7.5		Linear	Linear
Span 15_int Girder	3	W36x230	W36x230	54.33		Linear	Linear
VAR11	1	FSEC4	FSEC9		1.	Parabolic	Linear

3.2. Areas

Table 23: Area Section Properties, Part 1 of 3

Table 23: Area Section Properties, Part 1 of 3

Section	Material	AreaType	Type	DrillDOF	Thickness	BendThick	F11Mod
					ft	ft	
ASEC1	3000Psi	Shell	Shell-Thin	Yes	1.	1.	1.
ASEC2	Grade 33	Shell	Shell-Thin	Yes	1.	1.	1.

Table 23: Area Section Properties, Part 2 of 3

Table 23: Area Section Properties, Part 2 of 3

Section	F22Mod	F12Mod	M11Mod	M22Mod	M12Mod	V13Mod	V23Mod
ASEC1	1.	1.	1.	1.	1.	1.	1.
ASEC2	1.	1.	1.	1.	1.	1.	1.

Table 23: Area Section Properties, Part 3 of 3

Table 23: Area Section Properties, Part 3 of 3

Section	MMod	WMod
ASEC1	1.	1.
ASEC2	1.	1.

3.3. Solids

Table 24: Solid Property Definitions

Table 24: Solid Property Definitions

SolidProp	Material	MatAngleA Degrees	MatAngleB Degrees	MatAngleC Degrees
Solid1	4000Psi	0.	0.	0.

4. Loading

This section provides loading information as applied to the model.

4.1. Load patterns

Table 25: Load Pattern Definitions

Table 25: Load Pattern Definitions

LoadPat	DesignType	SelfWtMult	AutoLoad
Dead Load	Dead	1.	
SIP	Dead	0.	
Utility	Dead	0.	
Haunch	Dead	0.	
Barrier	Dead	0.	
Sidewalk	Dead	0.	
SIPForm	Dead	0.	
ConcPour Permanent	Dead	0.	
DW	Wearing Surface	0.	
Temperature Pos	Temperature	0.	
Temperature Neg	Temperature	0.	
ConcPour Temporary	Construction	0.	

4.2. Vehicles

Table 26: Vehicles 2 - General Vehicles 1 - General, Part 1 of 6

Table 26: Vehicles 2 - General Vehicles 1 - General, Part 1 of 6

VehName	FromLibrary	LibraryName	FltAxleFac	AxleFac	UnifFac	SupportMom	IntSupport
Annual Permit 1	No	User Defined	1.	1.	1.	Yes	Yes
Annual Permit 2	No	User Defined	1.	1.	1.	Yes	Yes
EV2	No	User Defined	1.	1.	1.	Yes	Yes
EV3	No	User Defined	1.	1.	1.	Yes	Yes
Gravel Truck	No	User Defined	1.	1.	1.	Yes	Yes
HL-93	No	User Defined	1.	1.	1.	Yes	Yes
HS-20	No	User Defined	1.	1.	1.	Yes	Yes
HS-15	No	User Defined	1.	1.	1.	Yes	Yes
Lane	No	User Defined	1.	1.	1.	Yes	Yes

Table 26: Vehicles 2 - General Vehicles 1 - General, Part 1 of 6

VehName	FromLibrary	LibraryName	FltAxleFac	AxleFac	UnifFac	SupportMom	IntSupport
Neg - EV3	No	User Defined	1.	0.75	1.	Yes	No
Overweight Permit	No	User Defined	1.	1.	1.	Yes	Yes
SU-4	No	User Defined	1.	1.	1.	Yes	Yes
SU-5	No	User Defined	1.	1.	1.	Yes	Yes
SU-6	No	User Defined	1.	1.	1.	Yes	Yes
SU-7	No	User Defined	1.	1.	1.	Yes	Yes
Type 3-3	No	User Defined	1.	1.	1.	Yes	Yes
Type 3	No	User Defined	1.	1.	1.	Yes	Yes
Type 3S2	No	User Defined	1.	1.	1.	Yes	Yes
Type 3-3+Lane(200plf)	No	User Defined	1.	0.75	1.	Yes	Yes

Table 26: Vehicles 2 - General Vehicles 1 - General, Part 2 of 6

Table 26: Vehicles 2 - General Vehicles 1 - General, Part 2 of 6

VehName	OtherResp	AxleMom	AxleMType	AxleMWidth	AxleMDbl	AxleOther	AxleOType
		Kip		ft		Kip	
Annual Permit 1	Yes	0.	One Point		No	0.	One Point
Annual Permit 2	Yes	0.	One Point		No	0.	One Point
EV2	Yes	0.	One Point		No	0.	One Point
EV3	Yes	0.	One Point		No	0.	One Point
Gravel Truck	Yes	0.	One Point		No	0.	One Point
HL-93	Yes	0.	One Point		No	0.	One Point
HS-20	Yes	0.	One Point		No	0.	One Point
HS-15	Yes	0.	One Point		No	0.	One Point
Lane	Yes	0.	One Point		No	0.	One Point
Neg - EV3	No	0.	One Point		No	0.	One Point
Overweight Permit	Yes	0.	One Point		No	0.	One Point
SU-4	Yes	0.	One Point		No	0.	One Point
SU-5	Yes	0.	One Point		No	0.	One Point
SU-6	Yes	0.	One Point		No	0.	One Point
SU-7	Yes	0.	One Point		No	0.	One Point
Type 3-3	Yes	0.	One Point		No	0.	One Point
Type 3	Yes	0.	One Point		No	0.	One Point
Type 3S2	Yes	0.	One Point		No	0.	One Point
Type 3-3+Lane(200plf)	Yes	0.	One Point		No	0.	One Point

Table 26: Vehicles 2 - General Vehicles 1 - General, Part 3 of 6

Table 26: Vehicles 2 - General Vehicles 1 - General, Part 3 of 6

VehName	AxleOWidth	LEffAxle	LEffUnif	ForStraddle	StraddleFac	NumInter	MinExtDist
	ft						ft
Annual Permit 1		User	None	No		8	0.
Annual Permit 2		User	None	No		8	0.
EV2		User	None	No		2	0.
EV3		User	None	No		3	0.
Gravel Truck		User	None	No		4	0.
HL-93		User	None	No		4	0.
HS-20		User	None	No		3	0.
HS-15		User	None	No		3	0.
Lane		None	None	No		1	0.

Table 26: Vehicles 2 - General Vehicles 1 - General, Part 3 of 6

VehName	AxleOWidth	LEffAxle	LEffUnif	ForStraddle	StraddleFac	NumInter	MinExtDist
	ft						ft
Neg - EV3		User	None	No		7	0.
Overweight Permit		User	None	No		13	0.
SU-4		User	None	No		4	0.
SU-5		User	None	No		5	0.
SU-6		User	None	No		6	0.
SU-7		User	None	No		7	0.
Type 3-3		User	None	No		6	0.
Type 3		User	None	No		4	0.
Type 3S2		User	None	No		5	0.
Type 3-3+Lane(200plf)		User	None	No		7	0.

Table 26: Vehicles 2 - General Vehicles 1 - General, Part 4 of 6

Table 26: Vehicles 2 - General Vehicles 1 - General, Part 4 of 6

VehName	MinIntDist	StayInLane	CGHTAxle	CGHTUnif	Notes	AdjustSuper
	ft		ft	ft		
Annual Permit 1	0.	No	0.	0.		No
Annual Permit 2	0.	No	0.	0.		No
EV2	0.	No	0.	0.		No
EV3	0.	No	0.	0.		No
Gravel Truck	0.	No	0.	0.		No
HL-93	0.	No	0.	0.		No
HS-20	0.	No	0.	0.		No
HS-15	0.	No	0.	0.		No
Lane	0.	No	0.	0.		No
Neg - EV3	0.	No	0.	0.		No
Overweight Permit	0.	No	0.	0.		No
SU-4	0.	No	0.	0.		No
SU-5	0.	No	0.	0.		No
SU-6	0.	No	0.	0.		No
SU-7	0.	No	0.	0.		No
Type 3-3	0.	No	0.	0.		No
Type 3	0.	No	0.	0.		No
Type 3S2	0.	No	0.	0.		No
Type 3-3+Lane(200plf)	0.	No	0.	0.		No

Table 26: Vehicles 2 - General Vehicles 1 - General, Part 5 of 6

Table 26: Vehicles 2 - General Vehicles 1 - General, Part 5 of 6

VehName	IgnoreVert	Centrifugal	CenScaleOpt	CenVelocity	CenAxleSF	CenUnifSF	CenOverturn
				ft/sec			
Annual Permit 1	No	Yes	Velocity	102.67	1.	0.	No
Annual Permit 2	No	Yes	Velocity	102.67	1.	0.	No
EV2	No	Yes	Velocity	102.67	1.	0.	No
EV3	No	Yes	Velocity	102.67	1.	0.	Yes
Gravel Truck	No	Yes	Velocity	102.67	1.	0.	No
HL-93	No	Yes	Velocity	102.67	1.	0.	No
HS-20	No	Yes	Velocity	102.67	1.	0.	No
HS-15	No	Yes	Velocity	8.556	1.	0.	No
Lane	No	Yes	Velocity	102.67	1.	0.	No

Table 26: Vehicles 2 - General Vehicles 1 - General, Part 5 of 6

VehName	IgnoreVert	Centrifugal	CenScaleOpt	CenVelocity	CenAxleSF	CenUnifSF	CenOverturn
				ft/sec			
Neg - EV3	No	Yes	Velocity	102.67	1.	0.	Yes
Overweight Permit	No	Yes	Velocity	8.556	1.	0.	No
SU-4	No	Yes	Velocity	102.67	1.	0.	No
SU-5	No	Yes	Velocity	102.67	1.	0.	No
SU-6	No	Yes	Velocity	102.67	1.	0.	No
SU-7	No	Yes	Velocity	102.67	1.	0.	No
Type 3-3	No	Yes	Velocity	102.67	1.	0.	No
Type 3	No	Yes	Velocity	102.67	1.	0.	No
Type 3S2	No	Yes	Velocity	102.67	1.	0.	No
Type 3-3+Lane(200plf)	No	Yes	Velocity	102.67	1.	0.	No

Table 26: Vehicles 2 - General Vehicles 1 - General, Part 6 of 6

Table 26: Vehicles 2 - General Vehicles 1 - General, Part 6 of 6

VehName	Braking	NosingForce	DesignType
		Kip	
Annual Permit 1	No	0.	Permit Veh Live
Annual Permit 2	No	0.	Permit Veh Live
EV2	No	0.	Permit Veh Live
EV3	No	0.	Permit Veh Live
Gravel Truck	No	0.	Permit Veh Live
HL-93	No	0.	Vehicle Live
HS-20	No	0.	Vehicle Live
HS-15	No	0.	Vehicle Live
Lane	No	0.	Vehicle Live
Neg - EV3	No	0.	Vehicle Live
Overweight Permit	No	0.	Permit Veh Live
SU-4	No	0.	Vehicle Live
SU-5	No	0.	Vehicle Live
SU-6	No	0.	Vehicle Live
SU-7	No	0.	Vehicle Live
Type 3-3	No	0.	Vehicle Live
Type 3	No	0.	Vehicle Live
Type 3S2	No	0.	Vehicle Live
Type 3-3+Lane(200plf)	No	0.	Vehicle Live

Table 27: Vehicles 3 - General Vehicles 2 - Loads, Part 1 of 2

Table 27: Vehicles 3 - General Vehicles 2 - Loads, Part 1 of 2

VehName	LoadType	InterUnif	UnifType	UnifWidth	InterAxle	AxleType	AxleWidth	InterMinD
		Kip/ft		ft	Kip		ft	ft
Annual Permit 1	Leading Load	0.	Fixed Width	1.	13.	Two Points	6.	
Annual Permit 1	Fixed Length	0.	Fixed Width	1.	20.	Two Points	6.	12.
Annual Permit 1	Fixed Length	0.	Fixed Width	1.	20.	Two Points	6.	4.5
Annual Permit 1	Fixed Length	0.	Fixed Width	1.	20.	Two Points	6.	4.5

Table 27: Vehicles 3 - General Vehicles 2 - Loads, Part 1 of 2

VehName	LoadType	InterUnif	UnifType	UnifWidth	InterAxle	AxleType	AxleWidth	InterMinD
		Kip/ft		ft	Kip		ft	ft
Annual Permit 1	Fixed Length	0.	Fixed Width	1.	23.	Two Points	6.	30.
Annual Permit 1	Fixed Length	0.	Fixed Width	1.	23.	Two Points	6.	4.5
Annual Permit 1	Fixed Length	0.	Fixed Width	1.	23.	Two Points	6.	14.
Annual Permit 1	Fixed Length	0.	Fixed Width	1.	23.	Two Points	6.	4.5
Annual Permit 2	Leading Load	0.	Fixed Width	1.	13.	Two Points	6.	
Annual Permit 2	Fixed Length	0.	Fixed Width	1.	20.	Two Points	6.	12.
Annual Permit 2	Fixed Length	0.	Fixed Width	1.	20.	Two Points	6.	4.5
Annual Permit 2	Fixed Length	0.	Fixed Width	1.	20.	Two Points	6.	4.5
Annual Permit 2	Fixed Length	0.	Fixed Width	1.	23.	Two Points	6.	15.
Annual Permit 2	Fixed Length	0.	Fixed Width	1.	23.	Two Points	6.	4.5
Annual Permit 2	Fixed Length	0.	Fixed Width	1.	23.	Two Points	6.	14.
Annual Permit 2	Fixed Length	0.	Fixed Width	1.	23.	Two Points	6.	4.5
EV2	Leading Load	0.	Fixed Width	1.	24.	Two Points	6.	
EV2	Fixed Length	0.	Fixed Width	1.	33.5	Two Points	6.	15.
EV3	Leading Load	0.	Fixed Width	1.	24.	Two Points	6.	
EV3	Fixed Length	0.	Fixed Width	1.	31.	Two Points	6.	13.
EV3	Fixed Length	0.	Fixed Width	1.	31.	Two Points	6.	4.
Gravel Truck	Leading Load	0.	Fixed Width	1.	20.	Two Points	6.	
Gravel Truck	Fixed Length	0.	Fixed Width	1.	14.	Two Points	6.	10.5
Gravel Truck	Fixed Length	0.	Fixed Width	1.	20.	Two Points	6.	4.25
Gravel Truck	Fixed Length	0.	Fixed Width	1.	20.	Two Points	6.	4.417
HL-93	Leading Load	0.64	Fixed Width	10.	8.	Two Points	6.	
HL-93	Fixed Length	0.64	Fixed Width	10.	32.	Two Points	6.	14.
HL-93	Variable Length	0.64	Fixed Width	10.	32.	Two Points	6.	14.
HL-93	Trailing Load	0.64	Fixed Width	10.				
HS-20	Leading Load	0.	Fixed Width	10.	8.	Two Points	6.	
HS-20	Fixed Length	0.	Fixed Width	10.	32.	Two Points	6.	14.
HS-20	Variable Length	0.	Fixed Width	10.	32.	Two Points	6.	14.
HS-15	Leading Load	0.	Zero Width		6.	Two Points	6.	
HS-15	Fixed Length	0.	Zero Width		24.	Two Points	6.	14.
HS-15	Variable Length	0.	Zero Width		24.	Two Points	6.	14.
Lane	Trailing Load	0.64	Fixed Width	10.				
Neg - EV3	Leading Load	0.2	Fixed Width	1.	24.	Two Points	6.	
Neg - EV3	Fixed Length	0.2	Fixed Width	1.	31.	Two Points	6.	13.
Neg - EV3	Fixed Length	0.2	Fixed Width	1.	31.	Two Points	6.	4.
Neg - EV3	Fixed Length	0.2	Fixed Width	1.	24.	Two Points	6.	30.

Table 27: Vehicles 3 - General Vehicles 2 - Loads, Part 1 of 2

VehName	LoadType	InterUnif	UnifType	UnifWidth	InterAxle	AxleType	AxleWidth	InterMinD
		Kip/ft		ft	Kip		ft	ft
Neg - EV3	Fixed Length	0.2	Fixed Width	1.	31.	Two Points	6.	13.
Neg - EV3	Fixed Length	0.2	Fixed Width	1.	31.	Two Points	6.	4.
Neg - EV3	Trailing Load	0.2	Fixed Width	1.				
Overweight Permit	Leading Load	0.	Zero Width		15.	Two Points	6.	
Overweight Permit	Fixed Length	0.	Zero Width		20.	Two Points	6.	12.
Overweight Permit	Fixed Length	0.	Zero Width		20.	Two Points	6.	4.
Overweight Permit	Fixed Length	0.	Zero Width		20.	Two Points	6.	4.
Overweight Permit	Fixed Length	0.	Zero Width		20.	Two Points	6.	12.
Overweight Permit	Fixed Length	0.	Zero Width		20.	Two Points	6.	4.
Overweight Permit	Fixed Length	0.	Zero Width		20.	Two Points	6.	4.
Overweight Permit	Fixed Length	0.	Zero Width		20.	Two Points	6.	40.
Overweight Permit	Fixed Length	0.	Zero Width		20.	Two Points	6.	4.
Overweight Permit	Fixed Length	0.	Zero Width		20.	Two Points	6.	4.
Overweight Permit	Fixed Length	0.	Zero Width		20.	Two Points	6.	12.
Overweight Permit	Fixed Length	0.	Zero Width		20.	Two Points	6.	4.
Overweight Permit	Fixed Length	0.	Zero Width		20.	Two Points	6.	4.
SU-4	Leading Load	0.	Zero Width		12.	Two Points	6.	
SU-4	Fixed Length	0.	Zero Width		8.	Two Points	6.	10.
SU-4	Fixed Length	0.	Zero Width		17.	Two Points	6.	4.
SU-4	Fixed Length	0.	Zero Width		17.	Two Points	6.	4.
SU-5	Leading Load	0.	Zero Width		12.	Two Points	6.	
SU-5	Fixed Length	0.	Zero Width		8.	Two Points	6.	10.
SU-5	Fixed Length	0.	Zero Width		8.	Two Points	6.	4.
SU-5	Fixed Length	0.	Zero Width		17.	Two Points	6.	4.
SU-5	Fixed Length	0.	Zero Width		17.	Two Points	6.	4.
SU-6	Leading Load	0.	Zero Width		11.5	Two Points	6.	
SU-6	Fixed Length	0.	Zero Width		8.	Two Points	6.	10.
SU-6	Fixed Length	0.	Zero Width		8.	Two Points	6.	4.
SU-6	Fixed Length	0.	Zero Width		17.	Two Points	6.	4.
SU-6	Fixed Length	0.	Zero Width		17.	Two Points	6.	4.
SU-6	Fixed Length	0.	Zero Width		8.	Two Points	6.	4.
SU-7	Leading Load	0.	Zero Width		11.5	Two Points	6.	
SU-7	Fixed Length	0.	Zero Width		8.	Two Points	6.	10.
SU-7	Fixed Length	0.	Zero Width		8.	Two Points	6.	4.
SU-7	Fixed Length	0.	Zero Width		17.	Two Points	6.	4.
SU-7	Fixed Length	0.	Zero Width		17.	Two Points	6.	4.
SU-7	Fixed Length	0.	Zero Width		8.	Two Points	6.	4.
SU-7	Fixed Length	0.	Zero Width		8.	Two Points	6.	4.
Type 3-3	Leading Load	0.	Fixed Width	10.	12.	Two Points	6.	
Type 3-3	Fixed Length	0.	Fixed Width	10.	12.	Two Points	6.	15.

Table 27: Vehicles 3 - General Vehicles 2 - Loads, Part 1 of 2

VehName	LoadType	InterUnif	UnifType	UnifWidth	InterAxle	AxleType	AxleWidth	InterMinD
		Kip/ft		ft	Kip		ft	ft
Type 3-3	Fixed Length	0.	Fixed Width	10.	12.	Two Points	6.	4.
Type 3-3	Fixed Length	0.	Fixed Width	10.	16.	Two Points	6.	15.
Type 3-3	Fixed Length	0.	Fixed Width	10.	14.	Two Points	6.	16.
Type 3-3	Fixed Length	0.	Fixed Width	10.	14.	Two Points	6.	4.
Type 3	Leading Load	0.	Fixed Width	10.	16.	Two Points	6.	
Type 3	Fixed Length	0.	Fixed Width	10.	17.	Two Points	6.	15.
Type 3	Fixed Length	0.	Fixed Width	10.	17.	Two Points	6.	4.
Type 3	Trailing Load	0.	Fixed Width	10.				
Type 3S2	Leading Load	0.	Fixed Width	10.	10.	Two Points	6.	
Type 3S2	Fixed Length	0.	Fixed Width	10.	15.5	Two Points	6.	11.
Type 3S2	Fixed Length	0.	Fixed Width	10.	15.5	Two Points	6.	4.
Type 3S2	Fixed Length	0.	Fixed Width	10.	15.5	Two Points	6.	22.
Type 3S2	Fixed Length	0.	Fixed Width	10.	15.5	Two Points	6.	4.
Type 3-3+Lane(200plf)	Leading Load	0.2	Fixed Width	10.	12.	Two Points	6.	
Type 3-3+Lane(200plf)	Fixed Length	0.2	Fixed Width	10.	12.	Two Points	6.	15.
Type 3-3+Lane(200plf)	Fixed Length	0.2	Fixed Width	10.	12.	Two Points	6.	4.
Type 3-3+Lane(200plf)	Fixed Length	0.2	Fixed Width	10.	16.	Two Points	6.	15.
Type 3-3+Lane(200plf)	Fixed Length	0.2	Fixed Width	10.	14.	Two Points	6.	16.
Type 3-3+Lane(200plf)	Fixed Length	0.2	Fixed Width	10.	14.	Two Points	6.	4.
Type 3-3+Lane(200plf)	Trailing Load	0.2	Fixed Width	10.				

Table 27: Vehicles 3 - General Vehicles 2 - Loads, Part 2 of 2

Table 27: Vehicles 3 - General Vehicles 2 - Loads, Part 2 of 2

VehName	InterMaxD
	ft
Annual Permit 1	
Annual Permit 1	
Annual Permit 1	
Annual Permit 1	
Annual Permit 1	
Annual Permit 1	
Annual Permit 1	

Table 27: Vehicles 3 - General Vehicles 2 - Loads, Part 2 of 2

VehName	InterMaxD
	ft
Annual Permit 1	
Annual Permit 2	
Annual Permit 2	
Annual Permit 2	
Annual Permit 2	
Annual Permit 2	
Annual Permit 2	
Annual Permit 2	
Annual Permit 2	
EV2	
EV2	
EV3	
EV3	
EV3	
Gravel Truck	
Gravel Truck	
Gravel Truck	
Gravel Truck	
HL-93	
HL-93	
HL-93	30.
HL-93	
HS-20	
HS-20	
HS-20	30.
HS-15	
HS-15	
HS-15	30.
Lane	
Neg - EV3	
Neg - EV3	
Neg - EV3	
Neg - EV3	
Neg - EV3	
Neg - EV3	
Neg - EV3	
Overweight Permit	
Overweight Permit	
Overweight Permit	
Overweight Permit	
Overweight Permit	

Table 27: Vehicles 3 - General Vehicles 2 - Loads, Part 2 of 2

VehName	InterMaxD ft
Overweight Permit	
Overweight Permit	
Overweight Permit	
Overweight Permit	
Overweight Permit	
Overweight Permit	
Overweight Permit	
Overweight Permit	
SU-4	
SU-4	
SU-4	
SU-4	
SU-5	
SU-5	
SU-5	
SU-5	
SU-5	
SU-6	
SU-6	
SU-6	
SU-6	
SU-6	
SU-6	
SU-7	
SU-7	
SU-7	
SU-7	
SU-7	
SU-7	
SU-7	
Type 3-3	
Type 3-3	
Type 3-3	
Type 3-3	
Type 3-3	
Type 3-3	
Type 3	
Type 3	
Type 3	
Type 3	
Type 3S2	
Type 3S2	
Type 3S2	
Type 3S2	
Type 3S2	

Table 27: Vehicles 3 - General Vehicles 2 - Loads, Part 2 of 2

VehName	InterMaxD ft
Type 3-3+Lane(200plf)	
Type 3-3+Lane(200plf)	
Type 3-3+Lane(200plf)	
Type 3-3+Lane(200plf)	
Type 3-3+Lane(200plf)	
Type 3-3+Lane(200plf)	
Type 3-3+Lane(200plf)	

Table 28: Vehicles 4 - Vehicle Classes

Table 28: Vehicles 4 - Vehicle Classes

VehClass	VehName	ScaleFactor
Annual Permit 1	Annual Permit 1	1.
Annual Permit 2	Annual Permit 2	1.
EV2	EV2	1.
EV3	EV3	1.
Gravel Truck	Gravel Truck	1.
HL-93	HL-93	1.
HS-20	HS-20	1.
HS-15	HS-15	1.
Lane	Lane	1.
Neg - EV3	Neg - EV3	1.
Overweight Permit	Overweight Permit	1.
SU-4	SU-4	1.
SU-5	SU-5	1.
SU-6	SU-6	1.
SU-7	SU-7	1.
Type 3-3	Type 3-3	1.
Type 3	Type 3	1.
Type 3S2	Type 3S2	1.
Type 3-3+Lane(200plf)	Type 3-3+Lane(200plf)	1.

4.3. Bridge loading

Table 29: Bridge Load Definitions 02 - Line

Table 29: Bridge Load Definitions 02 - Line

Name	Type	CoordSys	Dir	RefLoc	Dist ft	FOverL Kip/ft
SideWalk+Rail+MISC_LT	Force	GLOBAL	Gravity	Left Edge of Deck	0.	0.922
SideWalk+Rail+MISC_RT	Force	GLOBAL	Gravity	Right Edge of Deck	0.	0.922

Table 30: Bridge Load Definitions 03 - Area, Part 1 of 2

Table 30: Bridge Load Definitions 03 - Area, Part 1 of 2

Name	Type	CoordSys	Dir	RefLocLft	DistLft ft	RefLocRgt
Huanch load	Force	GLOBAL	Gravity	Left Edge of Deck	0.	Right Edge of Deck
Sacrificial WS Load	Force	GLOBAL	Gravity	Left Edge of Deck	0.	Right Edge of Deck
SIP Load	Force	GLOBAL	Gravity	Left Edge of Deck	0.	Right Edge of Deck
Wearing Surface Load	Force	GLOBAL	Gravity	Left Edge of Deck	0.	Right Edge of Deck

Table 30: Bridge Load Definitions 03 - Area, Part 2 of 2

Table 30: Bridge Load Definitions 03 - Area, Part 2 of 2

Name	DistRgt ft	FOverL2Lft Kip/ft2	FOverL2Rgt Kip/ft2
Huanch load	0.	6.268E-03	6.268E-03
Sacrificial WS Load	0.	1.000E-08	1.000E-08
SIP Load	0.	1.000E-08	1.000E-08
Wearing Surface Load	0.	0.035	0.035

5. Load cases

This section provides load case information.

5.1. Definitions

Table 31: Load Case Definitions, Part 1 of 2

Table 31: Load Case Definitions, Part 1 of 2

Case	Type	MLFactVert	InitialCond	MLFactBrake	ModalCase	MLFactCentr
LC_Dead Load	LinStatic		Zero			
LC_Wearing Surface Load	LinStatic		Zero			
LC_HL93	LinMoving	1.	Zero	0.		1.
LC_HS20	LinMoving	1.	Zero	0.		1.

Table 31: Load Case Definitions, Part 1 of 2

Case	Type	MLFactVert	InitialCond	MLFactBrake	ModalCase	MLFactCentr
LC_Lane	LinMoving	1.	Zero	0.		1.
LC_SU4	LinMoving	1.	Zero	0.		1.
LC_SU5	LinMoving	1.	Zero	0.		1.
LC_SU6	LinMoving	1.	Zero	0.		1.
LC_SU7	LinMoving	1.	Zero	0.		1.
LC_Type 3	LinMoving	1.	Zero	0.		1.
LC_Type 3S2	LinMoving	1.	Zero	0.		1.
LC_Type 3-3	LinMoving	1.	Zero	0.		1.
LC_EV2	LinMoving	1.	Zero	0.		1.
LC_EV3	LinMoving	1.	Zero	0.		1.
LC_EV3-Neg	LinMoving	1.	Zero	0.		1.
LC_Gravel Truck	LinMoving	1.	Zero	0.		1.
LC_Annual Permit 1	LinMoving	1.	Zero	0.		1.
LC_Annual Permit 2	LinMoving	1.	Zero	0.		1.
LC_Overweight Permit	LinMoving	1.	Zero	0.		1.
LC_HS15	LinMoving	1.	Zero	0.		1.

Table 31: Load Case Definitions, Part 2 of 2

Table 31: Load Case Definitions, Part 2 of 2

Case	BaseCase	DesActOpt	MassSource	DesignAct
LC_Dead Load		Prog Det		Non-Composite
LC_Wearing Surface Load		Prog Det		Long-Term Composite
LC_HL93		Prog Det		Short-Term Composite
LC_HS20		Prog Det		Short-Term Composite
LC_Lane		Prog Det		Short-Term Composite
LC_SU4		Prog Det		Short-Term Composite
LC_SU5		Prog Det		Short-Term Composite
LC_SU6		Prog Det		Short-Term Composite
LC_SU7		Prog Det		Short-Term Composite
LC_Type 3		Prog Det		Short-Term Composite
LC_Type 3S2		Prog Det		Short-Term Composite
LC_Type 3-3		Prog Det		Short-Term Composite
LC_EV2		Prog Det		Short-Term Composite
LC_EV3		Prog Det		Short-Term Composite
LC_EV3-Neg		Prog Det		Short-Term Composite

Table 31: Load Case Definitions, Part 2 of 2

Case	BaseCase	DesActOpt	MassSource	DesignAct
LC_Gravel Truck		Prog Det		Short-Term Composite
LC_Annual Permit 1		Prog Det		Short-Term Composite
LC_Annual Permit 2		Prog Det		Short-Term Composite
LC_Overweight Permit		Prog Det		Short-Term Composite
LC_HS15		Prog Det		Short-Term Composite

5.2. Static case load assignments

Table 32: Case - Static 1 - Load Assignments

Table 32: Case - Static 1 - Load Assignments

Case	LoadType	LoadName	LoadSF
LC_Dead Load	Load pattern	Dead Load	1.
LC_Dead Load	Load pattern	Barrier	1.
LC_Wearing Surface Load	Load pattern	DW	1.

6. Load combinations

This section provides load combination information.

Table 33: Combination Definitions

Table 33: Combination Definitions

ComboName	ComboType	CaseName	ScaleFactor
Design Lcomb	Linear Add	LC_Dead Load	1.25
Design Lcomb		LC_Wearing Surface Load	1.25
Design Lcomb		LC_HL93	1.35
Lcomb_Dead	Linear Add	LC_Dead Load	1.25
Lcomb_Wearing Surface	Linear Add	LC_Wearing Surface Load	1.25
Lcomb_HL93_opr	Linear Add	LC_HL93	1.35
Lcomb_HL93_inv	Linear Add	LC_HL93	1.75
Lcomb_HS20_opr	Linear Add	LC_HS20	1.35
Lcomb_HS20_inv	Linear Add	LC_HS20	1.75
Lcomb_HS15_opr	Linear Add	LC_HS15	1.35
Lcomb_HS15_inv	Linear Add	LC_HS15	1.75

Table 33: Combination Definitions

ComboName	ComboType	CaseName	ScaleFactor
Lcomb_Lane_opr	Linear Add	LC_Lane	1.35
Lcomb_Lane_inv	Linear Add	LC_Lane	1.75
Lcomb_SU4	Linear Add	LC_SU4	1.45
Lcomb_SU5	Linear Add	LC_SU5	1.45
Lcomb_SU6	Linear Add	LC_SU6	1.45
Lcomb_SU7	Linear Add	LC_SU7	1.45
Lcomb_Type 3	Linear Add	LC_Type 3	1.45
Lcomb_Type 3S2	Linear Add	LC_Type 3S2	1.45
Lcomb_Type 3-3	Linear Add	LC_Type 3-3	1.45
Lcomb_Type EV2	Linear Add	LC_EV2	1.45
Lcomb_Type EV3	Linear Add	LC_EV3	1.45
Lcomb_Type EV3-neg	Linear Add	LC_EV3-Neg	1.45
Lcomb_Gravel Truck	Linear Add	LC_Gravel Truck	1.45
Lcomb_Annual Perm 1	Linear Add	LC_Annual Permit 1	1.45
Lcomb_Annual Perm 2	Linear Add	LC_Annual Permit 2	1.45
Lcomb_Overweight Perm	Linear Add	LC_Overweight Permit	1.2
Lcomb_Dead_serv	Linear Add	LC_Dead Load	1.
Lcomb_Wearing Surface_serv	Linear Add	LC_Wearing Surface Load	1.
Lcomb_HL93_opr_serv	Linear Add	LC_HL93	1.
Lcomb_HL93_inv_serv	Linear Add	LC_HL93	1.3
Lcomb_HS20_opr_serv	Linear Add	LC_HS20	1.
Lcomb_HS20_inv_serv	Linear Add	LC_HS20	1.3
Lcomb_HS15_opr_serv	Linear Add	LC_HS15	1.
Lcomb_HS15_inv_serv	Linear Add	LC_HS15	1.3
Lcomb_Lane_opr_serv	Linear Add	LC_Lane	1.
Lcomb_Lane_inv_serv	Linear Add	LC_Lane	1.3
Lcomb_SU4_serv	Linear Add	LC_SU4	1.3
Lcomb_SU5_serv	Linear Add	LC_SU5	1.3
Lcomb_SU6_serv	Linear Add	LC_SU6	1.3
Lcomb_SU7_serv	Linear Add	LC_SU7	1.3
Lcomb_Type 3_serv	Linear Add	LC_Type 3	1.3
Lcomb_Type 3S2_serv	Linear Add	LC_Type 3S2	1.3
Lcomb_Type 3-3_serv	Linear Add	LC_Type 3-3	1.3

Table 33: Combination Definitions

ComboName	ComboType	CaseName	ScaleFactor
Lcomb_EV 2_serv	Linear Add	LC_EV2	1.3
Lcomb_EV 3_serv	Linear Add	LC_EV3	1.3
Lcomb_EV 3-neg_serv	Linear Add	LC_EV3-Neg	1.3
Lcomb_Gravel Truck_serv	Linear Add	LC_Gravel Truck	1.3
Lcomb_Annual Perm 1_serv	Linear Add	LC_Annual Permit 1	1.
Lcomb_Annual Perm 2_serv	Linear Add	LC_Annual Permit 2	1.
Lcomb_Overweight Permit_serv	Linear Add	LC_Overweight Permit	1.

7. Structure results

This section provides structure results, including items such as structural periods and base reactions.

7.1. Base reactions

Table 34: Base Reactions

Table 34: Base Reactions

OutputCase	GlobalFX	GlobalFY	GlobalFZ	GlobalMX	GlobalMY	GlobalMZ
	Kip	Kip	Kip	Kip-ft	Kip-ft	Kip-ft
LC_Dead Load	-1.373E-07	-2.908E-09	3790.903	1.707E-07	-474795.51	-1.039E-06
LC_Wearing Surface Load	-3.517E-08	-3.542E-09	524.552	3.679E-08	-67192.8567	-4.348E-07

8. Joint results

This section provides joint results, including items such as displacements and reactions.

Table 35: Joint Reactions

Table 35: Joint Reactions

Joint	OutputCase	F1	F2	F3	M1	M2	M3
		Kip	Kip	Kip	Kip-ft	Kip-ft	Kip-ft
1746	LC_Dead Load	147.61	11.681	9.754E-15	-5.134E-15	-5.134E-15	83.8414
1746	LC_Wearing Surface Load	10.558	1.658	7.480E-16	-7.288E-16	-7.288E-16	11.9019
1748	LC_Dead Load	206.956	-1.118E-10	1.267E-14	0.	0.	-1.195E-09
1748	LC_Wearing Surface Load	22.69	1.646E-11	1.389E-15	0.	0.	7.914E-11
1750	LC_Dead Load	147.61	-11.681	8.323E-15	5.134E-15	5.134E-15	-83.8414
1750	LC_Wearing Surface Load	10.558	-1.658	5.450E-16	7.288E-16	7.288E-16	-11.9019
1754	LC_Dead Load	274.762	22.202	0.043	1.0896	-1.7803	160.4074
1754	LC_Wearing Surface Load	34.29	4.892	0.037	0.3654	-1.175	35.3613
1756	LC_Dead Load	371.511	-2.532E-09	0.309	-2.146E-09	-6.3067	-2.457E-08
1756	LC_Wearing Surface Load	71.733	2.476E-10	0.127	-2.013E-10	-2.6875	4.269E-09
1758	LC_Dead Load	274.762	-22.202	0.043	-1.0896	-1.7803	-160.4074
1758	LC_Wearing Surface Load	34.29	-4.892	0.037	-0.3654	-1.175	-35.3613
1762	LC_Dead Load	270.159	21.741	0.162	-0.5746	-3.7014	157.0792
1762	LC_Wearing Surface Load	34.023	4.855	0.042	-0.0183	-1.0578	35.0862
1764	LC_Dead Load	366.012	-6.714E-11	0.029	-2.747E-09	-1.4376	2.104E-09
1764	LC_Wearing Surface Load	71.595	3.519E-10	0.042	-3.549E-10	-1.0525	4.796E-09
1766	LC_Dead Load	270.159	-21.741	0.162	0.5746	-3.7014	-157.0792
1766	LC_Wearing Surface Load	34.023	-4.855	0.042	0.0183	-1.0578	-35.0862
1770	LC_Dead Load	278.663	22.316	-0.218	-0.8067	5.7691	161.3321
1770	LC_Wearing Surface Load	34.401	4.823	-0.059	-0.7231	1.8957	34.8868
1772	LC_Dead Load	377.528	1.223E-10	-0.312	-4.918E-10	7.1697	1.038E-08

Table 35: Joint Reactions

Joint	OutputCase	F1	F2	F3	M1	M2	M3
		Kip	Kip	Kip	Kip-ft	Kip-ft	Kip-ft
1772	LC_Wearing Surface Load	71.822	3.476E-11	-0.21	1.905E-10	4.4143	2.295E-09
1774	LC_Dead Load	278.663	-22.316	-0.218	0.8067	5.7691	-161.3321
1774	LC_Wearing Surface Load	34.401	-4.823	-0.059	0.7231	1.8957	-34.8868
1778	LC_Dead Load	157.718	11.7	1.109E-14	-5.142E-15	-1.028E-14	83.9773
1778	LC_Wearing Surface Load	14.358	2.362	1.168E-15	-1.038E-15	-2.076E-15	16.9542
1780	LC_Dead Load	211.073	-3.978E-10	1.292E-14	0.	0.	-3.100E-09
1780	LC_Wearing Surface Load	31.45	-8.683E-11	1.926E-15	0.	0.	-6.748E-10
1782	LC_Dead Load	157.718	-11.7	8.225E-15	5.142E-15	1.028E-14	-83.9773
1782	LC_Wearing Surface Load	14.358	-2.362	5.899E-16	1.038E-15	2.076E-15	-16.9542

9. Bridge object forces

This section provides bridge object forces at the program determined section cuts.

Table 36: Bridge Object Forces, Part 1 of 3

Table 36: Bridge Object Forces, Part 1 of 3

BridgeObj	BridgeCut	Distance	LocType	OutputCase	CaseType	P	V2	V3
		ft				Kip	Kip	Kip
BOBJ1	1	0.	After	LC_Dead Load	LinStatic	2.631E-09	-186.108	8.415E-11
BOBJ1	2	5.85	Before	LC_Dead Load	LinStatic	2.630E-09	-147.208	8.420E-11
BOBJ1	3	5.85	After	LC_Dead Load	LinStatic	-9.889E-08	-132.344	7.270E-11
BOBJ1	4	11.4667	Before	LC_Dead Load	LinStatic	-9.889E-08	-94.997	7.267E-11
BOBJ1	5	11.4667	After	LC_Dead Load	LinStatic	-9.889E-08	-82.578	7.273E-11
BOBJ1	6	17.0833	Before	LC_Dead Load	LinStatic	-9.889E-08	-45.23	7.267E-11
BOBJ1	7	17.0833	After	LC_Dead Load	LinStatic	-9.889E-08	-32.811	7.271E-11
BOBJ1	8	22.7	Before	LC_Dead Load	LinStatic	-9.889E-08	4.537	7.270E-11
BOBJ1	9	22.7	After	LC_Dead Load	LinStatic	-1.130E-07	19.143	1.114E-10
BOBJ1	10	28.3167	Before	LC_Dead Load	LinStatic	-1.130E-07	56.491	1.114E-10
BOBJ1	11	28.3167	After	LC_Dead Load	LinStatic	-1.130E-07	68.91	1.115E-10
BOBJ1	12	33.9333	Before	LC_Dead Load	LinStatic	-1.130E-07	106.258	1.117E-10
BOBJ1	13	33.9333	After	LC_Dead Load	LinStatic	-1.130E-07	118.677	1.118E-10
BOBJ1	14	39.55	Before	LC_Dead Load	LinStatic	-1.130E-07	156.024	1.119E-10
BOBJ1	15	39.55	After	LC_Dead Load	LinStatic	-7.343E-08	170.638	1.027E-10

Table 36: Bridge Object Forces, Part 1 of 3

BridgeObj	BridgeCut	Distance	LocType	OutputCase	CaseType	P	V2	V3
		ft				Kip	Kip	Kip
BOBJ1	16	45.1733	Before	LC_Dead Load	LinStatic	-7.343E-08	208.03	1.030E-10
BOBJ1	17	45.1733	After	LC_Dead Load	LinStatic	-7.343E-08	219.035	1.023E-10
BOBJ1	20	50.7967	Before	LC_Dead Load	LinStatic	-7.343E-08	260.579	1.029E-10
BOBJ1	21	50.7967	After	LC_Dead Load	LinStatic	-7.342E-08	268.313	-5.323E-10
BOBJ1	24	56.42	Before	LC_Dead Load	LinStatic	-7.343E-08	307.349	-3.968E-09
BOBJ1	25	56.42	After	LC_Dead Load	LinStatic	-0.395	-289.562	1.328E-09
BOBJ1	26	62.0367	Before	LC_Dead Load	LinStatic	-0.395	-251.243	1.328E-09
BOBJ1	27	62.0367	After	LC_Dead Load	LinStatic	-0.395	-242.212	1.661E-09
BOBJ1	32	67.6533	Before	LC_Dead Load	LinStatic	-0.395	-199.531	1.702E-09
BOBJ1	33	67.6533	After	LC_Dead Load	LinStatic	-0.395	-189.933	1.691E-09
BOBJ1	34	73.27	Before	LC_Dead Load	LinStatic	-0.395	-154.107	1.691E-09
BOBJ1	35	73.27	After	LC_Dead Load	LinStatic	-0.395	-139.502	1.683E-09
BOBJ1	36	78.8867	Before	LC_Dead Load	LinStatic	-0.395	-103.676	1.682E-09
BOBJ1	37	78.8867	After	LC_Dead Load	LinStatic	-0.395	-91.257	1.683E-09
BOBJ1	38	84.5033	Before	LC_Dead Load	LinStatic	-0.395	-55.432	1.683E-09
BOBJ1	39	84.5033	After	LC_Dead Load	LinStatic	-0.395	-43.013	1.683E-09
BOBJ1	40	90.12	Before	LC_Dead Load	LinStatic	-0.395	-7.187	1.683E-09
BOBJ1	41	90.12	After	LC_Dead Load	LinStatic	-0.395	7.419	1.652E-09
BOBJ1	42	95.7367	Before	LC_Dead Load	LinStatic	-0.395	43.244	1.652E-09
BOBJ1	43	95.7367	After	LC_Dead Load	LinStatic	-0.395	55.663	1.652E-09
BOBJ1	44	101.3533	Before	LC_Dead Load	LinStatic	-0.395	91.489	1.652E-09
BOBJ1	45	101.3533	After	LC_Dead Load	LinStatic	-0.395	103.908	1.652E-09
BOBJ1	46	106.97	Before	LC_Dead Load	LinStatic	-0.395	139.733	1.652E-09
BOBJ1	47	106.97	After	LC_Dead Load	LinStatic	-0.395	154.347	1.648E-09
BOBJ1	48	112.5933	Before	LC_Dead Load	LinStatic	-0.395	190.215	1.648E-09
BOBJ1	49	112.5933	After	LC_Dead Load	LinStatic	-0.395	199.89	1.647E-09
BOBJ1	52	118.2167	Before	LC_Dead Load	LinStatic	-0.395	241.698	1.655E-09
BOBJ1	53	118.2167	After	LC_Dead Load	LinStatic	-0.395	251.498	1.651E-09
BOBJ1	54	123.84	Before	LC_Dead Load	LinStatic	-0.395	289.862	1.651E-09
BOBJ1	55	123.84	After	LC_Dead Load	LinStatic	-0.748	-290.993	2.471E-09

Table 36: Bridge Object Forces, Part 1 of 3

BridgeObj	BridgeCut	Distance	LocType	OutputCase	CaseType	P	V2	V3
		ft				Kip	Kip	Kip
BOBJ1	58	130.79	Before	LC_Dead Load	LinStatic	-0.748	-242.926	2.420E-09
BOBJ1	59	130.79	After	LC_Dead Load	LinStatic	-0.748	-233.544	2.472E-09
BOBJ1	62	137.74	Before	LC_Dead Load	LinStatic	-0.748	-182.254	2.494E-09
BOBJ1	63	137.74	After	LC_Dead Load	LinStatic	-0.748	-167.2	2.502E-09
BOBJ1	64	143.7733	Before	LC_Dead Load	LinStatic	-0.748	-128.717	2.502E-09
BOBJ1	65	143.7733	After	LC_Dead Load	LinStatic	-0.748	-115.376	2.502E-09
BOBJ1	66	149.8067	Before	LC_Dead Load	LinStatic	-0.748	-76.893	2.502E-09
BOBJ1	67	149.8067	After	LC_Dead Load	LinStatic	-0.748	-63.553	2.502E-09
BOBJ1	68	155.84	Before	LC_Dead Load	LinStatic	-0.748	-25.07	2.502E-09
BOBJ1	69	155.84	After	LC_Dead Load	LinStatic	-0.748	-9.543	2.524E-09
BOBJ1	70	161.8733	Before	LC_Dead Load	LinStatic	-0.748	28.941	2.524E-09
BOBJ1	71	161.8733	After	LC_Dead Load	LinStatic	-0.748	42.281	2.524E-09
BOBJ1	72	167.9067	Before	LC_Dead Load	LinStatic	-0.748	80.764	2.523E-09
BOBJ1	73	167.9067	After	LC_Dead Load	LinStatic	-0.748	94.104	2.524E-09
BOBJ1	74	173.94	Before	LC_Dead Load	LinStatic	-0.748	132.588	2.524E-09
BOBJ1	75	173.94	After	LC_Dead Load	LinStatic	-0.748	148.122	2.514E-09
BOBJ1	76	179.98	Before	LC_Dead Load	LinStatic	-0.748	186.648	2.514E-09
BOBJ1	77	179.98	After	LC_Dead Load	LinStatic	-0.748	197.644	2.517E-09
BOBJ1	80	186.02	Before	LC_Dead Load	LinStatic	-0.748	242.489	2.509E-09
BOBJ1	81	186.02	After	LC_Dead Load	LinStatic	-0.748	252.411	2.525E-09
BOBJ1	82	192.06	Before	LC_Dead Load	LinStatic	-0.748	294.069	2.525E-09
BOBJ1	83	192.06	After	LC_Dead Load	LinStatic	2.194E-08	-315.974	3.537E-10
BOBJ1	86	197.91	Before	LC_Dead Load	LinStatic	2.195E-08	-275.018	3.447E-10
BOBJ1	87	197.91	After	LC_Dead Load	LinStatic	-9.354E-09	-265.058	1.404E-10
BOBJ1	90	203.5267	Before	LC_Dead Load	LinStatic	-9.349E-09	-223.323	1.289E-10
BOBJ1	91	203.5267	After	LC_Dead Load	LinStatic	-9.349E-09	-212.123	1.352E-10
BOBJ1	92	209.1433	Before	LC_Dead Load	LinStatic	-9.351E-09	-173.192	1.351E-10
BOBJ1	93	209.1433	After	LC_Dead Load	LinStatic	-9.352E-09	-160.773	1.352E-10
BOBJ1	94	214.76	Before	LC_Dead Load	LinStatic	-9.357E-09	-121.841	1.351E-10
BOBJ1	95	214.76	After	LC_Dead Load	LinStatic	-2.541E-08	-107.241	1.706E-10

Table 36: Bridge Object Forces, Part 1 of 3

BridgeObj	BridgeCut	Distance	LocType	OutputCase	CaseType	P	V2	V3
		ft				Kip	Kip	Kip
BOBJ1	96	220.3767	Before	LC_Dead Load	LinStatic	-2.542E-08	-68.309	1.706E-10
BOBJ1	97	220.3767	After	LC_Dead Load	LinStatic	-2.542E-08	-55.89	1.706E-10
BOBJ1	98	225.9933	Before	LC_Dead Load	LinStatic	-2.542E-08	-16.959	1.706E-10
BOBJ1	99	225.9933	After	LC_Dead Load	LinStatic	-2.542E-08	-4.54	1.709E-10
BOBJ1	100	231.61	Before	LC_Dead Load	LinStatic	-2.542E-08	34.391	1.709E-10
BOBJ1	101	231.61	After	LC_Dead Load	LinStatic	-4.030E-09	49.151	2.135E-10
BOBJ1	102	237.37	Before	LC_Dead Load	LinStatic	-4.033E-09	89.076	2.136E-10
BOBJ1	103	237.37	After	LC_Dead Load	LinStatic	-4.034E-09	101.811	2.136E-10
BOBJ1	104	243.13	Before	LC_Dead Load	LinStatic	-4.033E-09	141.736	2.137E-10
BOBJ1	105	243.13	After	LC_Dead Load	LinStatic	-4.033E-09	154.472	2.136E-10
BOBJ1	106	248.89	Before	LC_Dead Load	LinStatic	-4.033E-09	194.397	2.137E-10
BOBJ1	1	0.	After	LC_Wearing Surface Load	LinStatic	2.436E-10	-37.818	8.515E-11
BOBJ1	2	5.85	Before	LC_Wearing Surface Load	LinStatic	2.436E-10	-37.818	8.516E-11
BOBJ1	3	5.85	After	LC_Wearing Surface Load	LinStatic	-2.544E-08	-26.079	8.921E-11
BOBJ1	4	11.4667	Before	LC_Wearing Surface Load	LinStatic	-2.544E-08	-26.079	8.920E-11
BOBJ1	5	11.4667	After	LC_Wearing Surface Load	LinStatic	-2.544E-08	-14.579	8.921E-11
BOBJ1	6	17.0833	Before	LC_Wearing Surface Load	LinStatic	-2.544E-08	-14.579	8.920E-11
BOBJ1	7	17.0833	After	LC_Wearing Surface Load	LinStatic	-2.544E-08	-3.079	8.922E-11
BOBJ1	8	22.7	Before	LC_Wearing Surface Load	LinStatic	-2.544E-08	-3.079	8.921E-11
BOBJ1	9	22.7	After	LC_Wearing Surface Load	LinStatic	-2.896E-08	8.421	8.276E-11
BOBJ1	10	28.3167	Before	LC_Wearing Surface Load	LinStatic	-2.896E-08	8.421	8.277E-11
BOBJ1	11	28.3167	After	LC_Wearing Surface Load	LinStatic	-2.896E-08	19.922	8.279E-11
BOBJ1	12	33.9333	Before	LC_Wearing Surface Load	LinStatic	-2.896E-08	19.922	8.282E-11
BOBJ1	13	33.9333	After	LC_Wearing Surface Load	LinStatic	-2.896E-08	31.422	8.284E-11
BOBJ1	14	39.55	Before	LC_Wearing Surface Load	LinStatic	-2.896E-08	31.422	8.287E-11
BOBJ1	15	39.55	After	LC_Wearing Surface Load	LinStatic	-1.892E-08	42.929	8.632E-11
BOBJ1	16	45.1733	Before	LC_Wearing Surface Load	LinStatic	-1.892E-08	42.929	8.636E-11
BOBJ1	17	45.1733	After	LC_Wearing Surface Load	LinStatic	-1.892E-08	54.137	8.655E-11
BOBJ1	20	50.7967	Before	LC_Wearing Surface Load	LinStatic	-1.892E-08	55.289	1.062E-10
BOBJ1	21	50.7967	After	LC_Wearing Surface Load	LinStatic	-1.892E-08	61.844	3.445E-10

Table 36: Bridge Object Forces, Part 1 of 3

BridgeObj	BridgeCut	Distance	LocType	OutputCase	CaseType	P	V2	V3
		ft				Kip	Kip	Kip
BOBJ1	24	56.42	Before	LC_Wearing Surface Load	LinStatic	-1.892E-08	66.449	2.088E-09
BOBJ1	25	56.42	After	LC_Wearing Surface Load	LinStatic	-0.202	-62.849	1.229E-09
BOBJ1	26	62.0367	Before	LC_Wearing Surface Load	LinStatic	-0.202	-62.849	1.229E-09
BOBJ1	27	62.0367	After	LC_Wearing Surface Load	LinStatic	-0.202	-56.194	9.338E-10
BOBJ1	32	67.6533	Before	LC_Wearing Surface Load	LinStatic	-0.202	-50.444	9.775E-10
BOBJ1	33	67.6533	After	LC_Wearing Surface Load	LinStatic	-0.202	-39.849	9.793E-10
BOBJ1	34	73.27	Before	LC_Wearing Surface Load	LinStatic	-0.202	-39.849	9.793E-10
BOBJ1	35	73.27	After	LC_Wearing Surface Load	LinStatic	-0.202	-28.349	9.855E-10
BOBJ1	36	78.8867	Before	LC_Wearing Surface Load	LinStatic	-0.202	-28.349	9.854E-10
BOBJ1	37	78.8867	After	LC_Wearing Surface Load	LinStatic	-0.202	-16.848	9.855E-10
BOBJ1	38	84.5033	Before	LC_Wearing Surface Load	LinStatic	-0.202	-16.848	9.855E-10
BOBJ1	39	84.5033	After	LC_Wearing Surface Load	LinStatic	-0.202	-5.348	9.855E-10
BOBJ1	40	90.12	Before	LC_Wearing Surface Load	LinStatic	-0.202	-5.348	9.855E-10
BOBJ1	41	90.12	After	LC_Wearing Surface Load	LinStatic	-0.202	6.152	9.942E-10
BOBJ1	42	95.7367	Before	LC_Wearing Surface Load	LinStatic	-0.202	6.152	9.942E-10
BOBJ1	43	95.7367	After	LC_Wearing Surface Load	LinStatic	-0.202	17.652	9.942E-10
BOBJ1	44	101.3533	Before	LC_Wearing Surface Load	LinStatic	-0.202	17.652	9.943E-10
BOBJ1	45	101.3533	After	LC_Wearing Surface Load	LinStatic	-0.202	29.152	9.943E-10
BOBJ1	46	106.97	Before	LC_Wearing Surface Load	LinStatic	-0.202	29.152	9.943E-10
BOBJ1	47	106.97	After	LC_Wearing Surface Load	LinStatic	-0.202	40.659	9.942E-10
BOBJ1	48	112.5933	Before	LC_Wearing Surface Load	LinStatic	-0.202	40.659	9.942E-10
BOBJ1	49	112.5933	After	LC_Wearing Surface Load	LinStatic	-0.202	51.584	1.006E-09
BOBJ1	52	118.2167	Before	LC_Wearing Surface Load	LinStatic	-0.202	52.735	9.971E-10
BOBJ1	53	118.2167	After	LC_Wearing Surface Load	LinStatic	-0.202	63.687	1.002E-09
BOBJ1	54	123.84	Before	LC_Wearing Surface Load	LinStatic	-0.202	63.687	1.002E-09
BOBJ1	55	123.84	After	LC_Wearing Surface Load	LinStatic	-0.328	-64.271	3.174E-10
BOBJ1	58	130.79	Before	LC_Wearing Surface Load	LinStatic	-0.328	-58.579	3.345E-10
BOBJ1	59	130.79	After	LC_Wearing Surface Load	LinStatic	-0.328	-49.959	3.529E-10
BOBJ1	62	137.74	Before	LC_Wearing Surface Load	LinStatic	-0.328	-48.536	2.876E-10
BOBJ1	63	137.74	After	LC_Wearing Surface Load	LinStatic	-0.328	-35.562	2.886E-10

Table 36: Bridge Object Forces, Part 1 of 3

BridgeObj	BridgeCut	Distance	LocType	OutputCase	CaseType	P	V2	V3
		ft				Kip	Kip	Kip
BOBJ1	64	143.7733	Before	LC_Wearing Surface Load	LinStatic	-0.328	-35.562	2.886E-10
BOBJ1	65	143.7733	After	LC_Wearing Surface Load	LinStatic	-0.328	-23.208	2.886E-10
BOBJ1	66	149.8067	Before	LC_Wearing Surface Load	LinStatic	-0.328	-23.208	2.886E-10
BOBJ1	67	149.8067	After	LC_Wearing Surface Load	LinStatic	-0.328	-10.855	2.886E-10
BOBJ1	68	155.84	Before	LC_Wearing Surface Load	LinStatic	-0.328	-10.855	2.886E-10
BOBJ1	69	155.84	After	LC_Wearing Surface Load	LinStatic	-0.328	1.498	2.825E-10
BOBJ1	70	161.8733	Before	LC_Wearing Surface Load	LinStatic	-0.328	1.498	2.825E-10
BOBJ1	71	161.8733	After	LC_Wearing Surface Load	LinStatic	-0.328	13.851	2.825E-10
BOBJ1	72	167.9067	Before	LC_Wearing Surface Load	LinStatic	-0.328	13.851	2.825E-10
BOBJ1	73	167.9067	After	LC_Wearing Surface Load	LinStatic	-0.328	26.205	2.825E-10
BOBJ1	74	173.94	Before	LC_Wearing Surface Load	LinStatic	-0.328	26.205	2.825E-10
BOBJ1	75	173.94	After	LC_Wearing Surface Load	LinStatic	-0.328	38.565	2.871E-10
BOBJ1	76	179.98	Before	LC_Wearing Surface Load	LinStatic	-0.328	38.565	2.871E-10
BOBJ1	77	179.98	After	LC_Wearing Surface Load	LinStatic	-0.328	50.428	2.833E-10
BOBJ1	80	186.02	Before	LC_Wearing Surface Load	LinStatic	-0.328	51.665	2.761E-10
BOBJ1	81	186.02	After	LC_Wearing Surface Load	LinStatic	-0.328	63.298	2.762E-10
BOBJ1	82	192.06	Before	LC_Wearing Surface Load	LinStatic	-0.328	63.298	2.762E-10
BOBJ1	83	192.06	After	LC_Wearing Surface Load	LinStatic	3.483E-09	-65.828	-1.963E-10
BOBJ1	86	197.91	Before	LC_Wearing Surface Load	LinStatic	3.484E-09	-61.036	-1.882E-10
BOBJ1	87	197.91	After	LC_Wearing Surface Load	LinStatic	-1.684E-09	-54.304	-2.214E-11
BOBJ1	90	203.5267	Before	LC_Wearing Surface Load	LinStatic	-1.683E-09	-53.154	-3.750E-11
BOBJ1	91	203.5267	After	LC_Wearing Surface Load	LinStatic	-1.683E-09	-41.914	-3.767E-11
BOBJ1	92	209.1433	Before	LC_Wearing Surface Load	LinStatic	-1.683E-09	-41.914	-3.768E-11
BOBJ1	93	209.1433	After	LC_Wearing Surface Load	LinStatic	-1.683E-09	-30.414	-3.768E-11
BOBJ1	94	214.76	Before	LC_Wearing Surface Load	LinStatic	-1.684E-09	-30.414	-3.769E-11
BOBJ1	95	214.76	After	LC_Wearing Surface Load	LinStatic	-5.108E-09	-18.914	-4.820E-11
BOBJ1	96	220.3767	Before	LC_Wearing Surface Load	LinStatic	-5.108E-09	-18.914	-4.821E-11
BOBJ1	97	220.3767	After	LC_Wearing Surface Load	LinStatic	-5.108E-09	-7.414	-4.822E-11
BOBJ1	98	225.9933	Before	LC_Wearing Surface Load	LinStatic	-5.109E-09	-7.414	-4.823E-11
BOBJ1	99	225.9933	After	LC_Wearing Surface Load	LinStatic	-5.109E-09	4.086	-4.821E-11

Table 36: Bridge Object Forces, Part 1 of 3

BridgeObj	BridgeCut	Distance	LocType	OutputCase	CaseType	P	V2	V3
		ft				Kip	Kip	Kip
BOBJ1	100	231.61	Before	LC_Wearing Surface Load	LinStatic	-5.110E-09	4.086	-4.819E-11
BOBJ1	101	231.61	After	LC_Wearing Surface Load	LinStatic	-9.259E-10	15.733	-5.876E-11
BOBJ1	102	237.37	Before	LC_Wearing Surface Load	LinStatic	-9.265E-10	15.733	-5.875E-11
BOBJ1	103	237.37	After	LC_Wearing Surface Load	LinStatic	-9.264E-10	27.527	-5.874E-11
BOBJ1	104	243.13	Before	LC_Wearing Surface Load	LinStatic	-9.268E-10	27.527	-5.872E-11
BOBJ1	105	243.13	After	LC_Wearing Surface Load	LinStatic	-9.267E-10	39.32	-5.872E-11
BOBJ1	106	248.89	Before	LC_Wearing Surface Load	LinStatic	-9.267E-10	39.32	-5.869E-11

Table 36: Bridge Object Forces, Part 2 of 3

Table 36: Bridge Object Forces, Part 2 of 3

BridgeObj	BridgeCut	Distance	LocType	OutputCase	T	M2	M3	GlobalX
		ft			Kip-ft	Kip-ft	Kip-ft	ft
BOBJ1	1	0.	After	LC_Dead Load	-3.304E-09	4.596E-08	1.891E-09	0.
BOBJ1	2	5.85	Before	LC_Dead Load	-3.311E-09	4.547E-08	974.9491	5.85
BOBJ1	3	5.85	After	LC_Dead Load	-1.568E-08	3.766E-07	974.8047	5.85
BOBJ1	4	11.4667	Before	LC_Dead Load	-1.569E-08	3.761E-07	1613.254	11.4667
BOBJ1	5	11.4667	After	LC_Dead Load	-1.570E-08	3.761E-07	1613.254	11.4667
BOBJ1	6	17.0833	Before	LC_Dead Load	-1.581E-08	3.758E-07	1972.1798	17.0833
BOBJ1	7	17.0833	After	LC_Dead Load	-1.587E-08	3.757E-07	1972.1798	17.0833
BOBJ1	8	22.7	Before	LC_Dead Load	-1.587E-08	3.753E-07	2051.5819	22.7
BOBJ1	9	22.7	After	LC_Dead Load	5.158E-09	3.348E-07	2051.4375	22.7
BOBJ1	10	28.3167	Before	LC_Dead Load	5.115E-09	3.341E-07	1839.0329	28.3167
BOBJ1	11	28.3167	After	LC_Dead Load	5.131E-09	3.341E-07	1839.0329	28.3167
BOBJ1	12	33.9333	Before	LC_Dead Load	5.079E-09	3.335E-07	1347.1046	33.9333
BOBJ1	13	33.9333	After	LC_Dead Load	5.198E-09	3.335E-07	1347.1046	33.9333
BOBJ1	14	39.55	Before	LC_Dead Load	5.250E-09	3.329E-07	575.6528	39.55
BOBJ1	15	39.55	After	LC_Dead Load	1.808E-08	3.611E-07	575.5084	39.55
BOBJ1	16	45.1733	Before	LC_Dead Load	1.809E-08	3.606E-07	-489.1783	45.1733
BOBJ1	17	45.1733	After	LC_Dead Load	1.802E-08	3.606E-07	-489.1783	45.1733
BOBJ1	20	50.7967	Before	LC_Dead Load	1.768E-08	3.599E-07	-1829.9788	50.7967
BOBJ1	21	50.7967	After	LC_Dead Load	1.683E-08	3.599E-07	-1829.9788	50.7967

Table 36: Bridge Object Forces, Part 2 of 3

BridgeObj	BridgeCut	Distance	LocType	OutputCase	T	M2	M3	GlobalX
		ft			Kip-ft	Kip-ft	Kip-ft	ft
BOBJ1	24	56.42	Before	LC_Dead Load	1.053E-08	3.807E-07	-3449.9862	56.42
BOBJ1	25	56.42	After	LC_Dead Load	5.640E-08	3.815E-07	-3451.2211	56.42
BOBJ1	26	62.0367	Before	LC_Dead Load	5.639E-08	3.741E-07	-1932.4617	62.0367
BOBJ1	27	62.0367	After	LC_Dead Load	5.668E-08	3.741E-07	-1932.4617	62.0367
BOBJ1	32	67.6533	Before	LC_Dead Load	5.313E-08	3.645E-07	-694.5547	67.6533
BOBJ1	33	67.6533	After	LC_Dead Load	5.313E-08	3.645E-07	-694.5547	67.6533
BOBJ1	34	73.27	Before	LC_Dead Load	5.314E-08	3.550E-07	271.6259	73.27
BOBJ1	35	73.27	After	LC_Dead Load	-2.015E-10	3.766E-07	271.4815	73.27
BOBJ1	36	78.8867	Before	LC_Dead Load	-1.956E-10	3.672E-07	954.4057	78.8867
BOBJ1	37	78.8867	After	LC_Dead Load	-2.535E-10	3.672E-07	954.4057	78.8867
BOBJ1	38	84.5033	Before	LC_Dead Load	-2.192E-10	3.577E-07	1366.3565	84.5033
BOBJ1	39	84.5033	After	LC_Dead Load	-3.653E-10	3.577E-07	1366.3565	84.5033
BOBJ1	40	90.12	Before	LC_Dead Load	-3.161E-10	3.482E-07	1507.334	90.12
BOBJ1	41	90.12	After	LC_Dead Load	-1.607E-08	3.423E-07	1507.1896	90.12
BOBJ1	42	95.7367	Before	LC_Dead Load	-1.604E-08	3.330E-07	1364.9107	95.7367
BOBJ1	43	95.7367	After	LC_Dead Load	-1.602E-08	3.330E-07	1364.9107	95.7367
BOBJ1	44	101.3533	Before	LC_Dead Load	-1.603E-08	3.237E-07	951.6585	101.3533
BOBJ1	45	101.3533	After	LC_Dead Load	-1.603E-08	3.237E-07	951.6585	101.3533
BOBJ1	46	106.97	Before	LC_Dead Load	-1.599E-08	3.145E-07	267.4329	106.97
BOBJ1	47	106.97	After	LC_Dead Load	-2.596E-08	4.687E-07	267.2885	106.97
BOBJ1	48	112.5933	Before	LC_Dead Load	-2.595E-08	4.594E-07	-701.5028	112.5933
BOBJ1	49	112.5933	After	LC_Dead Load	-2.593E-08	4.595E-07	-701.5028	112.5933
BOBJ1	52	118.2167	Before	LC_Dead Load	-2.587E-08	4.502E-07	-1942.6731	118.2167
BOBJ1	53	118.2167	After	LC_Dead Load	-2.574E-08	4.502E-07	-1942.6418	118.2167
BOBJ1	54	123.84	Before	LC_Dead Load	-2.574E-08	4.409E-07	-3464.7667	123.84
BOBJ1	55	123.84	After	LC_Dead Load	6.019E-09	4.315E-07	-3465.8881	123.84
BOBJ1	58	130.79	Before	LC_Dead Load	6.083E-09	4.143E-07	-1609.5233	130.79
BOBJ1	59	130.79	After	LC_Dead Load	6.292E-09	4.143E-07	-1609.5233	130.79
BOBJ1	62	137.74	Before	LC_Dead Load	6.051E-09	3.970E-07	-178.301	137.74
BOBJ1	63	137.74	After	LC_Dead Load	-6.951E-09	5.485E-07	-178.4454	137.74

Table 36: Bridge Object Forces, Part 2 of 3

BridgeObj	BridgeCut	Distance	LocType	OutputCase	T	M2	M3	GlobalX
		ft			Kip-ft	Kip-ft	Kip-ft	ft
BOBJ1	64	143.7733	Before	LC_Dead Load	-6.977E-09	5.335E-07	714.2364	143.7733
BOBJ1	65	143.7733	After	LC_Dead Load	-6.959E-09	5.334E-07	714.2364	143.7733
BOBJ1	66	149.8067	Before	LC_Dead Load	-6.997E-09	5.183E-07	1294.2499	149.8067
BOBJ1	67	149.8067	After	LC_Dead Load	-7.000E-09	5.183E-07	1294.2499	149.8067
BOBJ1	68	155.84	Before	LC_Dead Load	-7.020E-09	5.032E-07	1561.5951	155.84
BOBJ1	69	155.84	After	LC_Dead Load	1.791E-08	5.160E-07	1561.4507	155.84
BOBJ1	70	161.8733	Before	LC_Dead Load	1.783E-08	5.007E-07	1502.9333	161.8733
BOBJ1	71	161.8733	After	LC_Dead Load	1.782E-08	5.007E-07	1502.9333	161.8733
BOBJ1	72	167.9067	Before	LC_Dead Load	1.781E-08	4.855E-07	1131.7475	167.9067
BOBJ1	73	167.9067	After	LC_Dead Load	1.786E-08	4.856E-07	1131.7475	167.9067
BOBJ1	74	173.94	Before	LC_Dead Load	1.781E-08	4.703E-07	447.8934	173.94
BOBJ1	75	173.94	After	LC_Dead Load	3.294E-08	6.876E-08	447.749	173.94
BOBJ1	76	179.98	Before	LC_Dead Load	3.294E-08	5.358E-08	-563.2564	179.98
BOBJ1	77	179.98	After	LC_Dead Load	3.286E-08	5.356E-08	-563.2564	179.98
BOBJ1	80	186.02	Before	LC_Dead Load	3.300E-08	3.834E-08	-1888.2138	186.02
BOBJ1	81	186.02	After	LC_Dead Load	3.329E-08	3.833E-08	-1888.1444	186.02
BOBJ1	82	192.06	Before	LC_Dead Load	3.333E-08	2.307E-08	-3538.5136	192.06
BOBJ1	83	192.06	After	LC_Dead Load	-1.335E-08	-3.291E-08	-3536.6064	192.06
BOBJ1	86	197.91	Before	LC_Dead Load	-1.284E-08	-3.497E-08	-1806.7814	197.91
BOBJ1	87	197.91	After	LC_Dead Load	-1.495E-09	5.353E-08	-1806.9258	197.91
BOBJ1	90	203.5267	Before	LC_Dead Load	-1.154E-09	5.279E-08	-443.9163	203.5267
BOBJ1	91	203.5267	After	LC_Dead Load	-1.114E-09	5.282E-08	-443.9163	203.5267
BOBJ1	92	209.1433	Before	LC_Dead Load	-1.142E-09	5.204E-08	638.1754	209.1433
BOBJ1	93	209.1433	After	LC_Dead Load	-1.198E-09	5.206E-08	638.1754	209.1433
BOBJ1	94	214.76	Before	LC_Dead Load	-1.146E-09	5.128E-08	1431.8497	214.76
BOBJ1	95	214.76	After	LC_Dead Load	-2.061E-08	-5.734E-08	1431.7053	214.76
BOBJ1	96	220.3767	Before	LC_Dead Load	-2.059E-08	-5.832E-08	1924.7073	220.3767
BOBJ1	97	220.3767	After	LC_Dead Load	-2.060E-08	-5.829E-08	1924.7073	220.3767
BOBJ1	98	225.9933	Before	LC_Dead Load	-2.064E-08	-5.925E-08	2129.2918	225.9933
BOBJ1	99	225.9933	After	LC_Dead Load	-2.050E-08	-5.925E-08	2129.2918	225.9933

Table 36: Bridge Object Forces, Part 2 of 3

BridgeObj	BridgeCut	Distance	LocType	OutputCase	T	M2	M3	GlobalX
		ft			Kip-ft	Kip-ft	Kip-ft	ft
BOBJ1	100	231.61	Before	LC_Dead Load	-2.045E-08	-6.021E-08	2045.4589	231.61
BOBJ1	101	231.61	After	LC_Dead Load	1.340E-10	1.129E-08	2045.3145	231.61
BOBJ1	102	237.37	Before	LC_Dead Load	1.518E-10	1.004E-08	1647.2229	237.37
BOBJ1	103	237.37	After	LC_Dead Load	1.032E-10	1.003E-08	1647.2229	237.37
BOBJ1	104	243.13	Before	LC_Dead Load	8.941E-11	8.784E-09	945.8056	243.13
BOBJ1	105	243.13	After	LC_Dead Load	1.189E-10	8.813E-09	945.8056	243.13
BOBJ1	106	248.89	Before	LC_Dead Load	1.141E-10	7.563E-09	-58.9373	248.89
BOBJ1	1	0.	After	LC_Wearing Surface Load	1.248E-09	1.284E-08	-7.635E-10	0.
BOBJ1	2	5.85	Before	LC_Wearing Surface Load	1.249E-09	1.234E-08	221.2351	5.85
BOBJ1	3	5.85	After	LC_Wearing Surface Load	-1.625E-09	8.931E-08	221.2351	5.85
BOBJ1	4	11.4667	Before	LC_Wearing Surface Load	-1.626E-09	8.881E-08	367.712	11.4667
BOBJ1	5	11.4667	After	LC_Wearing Surface Load	-1.632E-09	8.880E-08	367.712	11.4667
BOBJ1	6	17.0833	Before	LC_Wearing Surface Load	-1.649E-09	8.831E-08	449.5965	17.0833
BOBJ1	7	17.0833	After	LC_Wearing Surface Load	-1.659E-09	8.831E-08	449.5965	17.0833
BOBJ1	8	22.7	Before	LC_Wearing Surface Load	-1.668E-09	8.781E-08	466.8886	22.7
BOBJ1	9	22.7	After	LC_Wearing Surface Load	2.594E-09	8.304E-08	466.8886	22.7
BOBJ1	10	28.3167	Before	LC_Wearing Surface Load	2.584E-09	8.257E-08	419.5884	28.3167
BOBJ1	11	28.3167	After	LC_Wearing Surface Load	2.583E-09	8.257E-08	419.5884	28.3167
BOBJ1	12	33.9333	Before	LC_Wearing Surface Load	2.575E-09	8.210E-08	307.6958	33.9333
BOBJ1	13	33.9333	After	LC_Wearing Surface Load	2.594E-09	8.211E-08	307.6958	33.9333
BOBJ1	14	39.55	Before	LC_Wearing Surface Load	2.604E-09	8.164E-08	131.2108	39.55
BOBJ1	15	39.55	After	LC_Wearing Surface Load	4.809E-09	1.028E-07	131.2108	39.55
BOBJ1	16	45.1733	Before	LC_Wearing Surface Load	4.810E-09	1.023E-07	-110.1911	45.1733
BOBJ1	17	45.1733	After	LC_Wearing Surface Load	4.790E-09	1.023E-07	-110.1911	45.1733
BOBJ1	20	50.7967	Before	LC_Wearing Surface Load	4.808E-09	1.018E-07	-416.3387	50.7967
BOBJ1	21	50.7967	After	LC_Wearing Surface Load	4.537E-09	1.017E-07	-416.3387	50.7967
BOBJ1	24	56.42	Before	LC_Wearing Surface Load	5.944E-09	9.071E-08	-787.2322	56.42
BOBJ1	25	56.42	After	LC_Wearing Surface Load	1.191E-08	9.982E-08	-787.7889	56.42
BOBJ1	26	62.0367	Before	LC_Wearing Surface Load	1.191E-08	9.291E-08	-434.7875	62.0367
BOBJ1	27	62.0367	After	LC_Wearing Surface Load	1.121E-08	9.291E-08	-434.7875	62.0367

Table 36: Bridge Object Forces, Part 2 of 3

BridgeObj	BridgeCut	Distance	LocType	OutputCase	T	M2	M3	GlobalX
		ft			Kip-ft	Kip-ft	Kip-ft	ft
BOBJ1	32	67.6533	Before	LC_Wearing Surface Load	1.078E-08	8.743E-08	-146.4079	67.6533
BOBJ1	33	67.6533	After	LC_Wearing Surface Load	1.078E-08	8.743E-08	-146.4079	67.6533
BOBJ1	34	73.27	Before	LC_Wearing Surface Load	1.078E-08	8.193E-08	77.4089	73.27
BOBJ1	35	73.27	After	LC_Wearing Surface Load	4.989E-10	7.928E-08	77.4089	73.27
BOBJ1	36	78.8867	Before	LC_Wearing Surface Load	4.997E-10	7.374E-08	236.6332	78.8867
BOBJ1	37	78.8867	After	LC_Wearing Surface Load	4.898E-10	7.374E-08	236.6332	78.8867
BOBJ1	38	84.5033	Before	LC_Wearing Surface Load	4.954E-10	6.821E-08	331.2652	84.5033
BOBJ1	39	84.5033	After	LC_Wearing Surface Load	4.718E-10	6.821E-08	331.2652	84.5033
BOBJ1	40	90.12	Before	LC_Wearing Surface Load	4.827E-10	6.267E-08	361.3048	90.12
BOBJ1	41	90.12	After	LC_Wearing Surface Load	-1.396E-09	6.106E-08	361.3048	90.12
BOBJ1	42	95.7367	Before	LC_Wearing Surface Load	-1.379E-09	5.547E-08	326.7521	95.7367
BOBJ1	43	95.7367	After	LC_Wearing Surface Load	-1.384E-09	5.547E-08	326.7521	95.7367
BOBJ1	44	101.3533	Before	LC_Wearing Surface Load	-1.386E-09	4.989E-08	227.607	101.3533
BOBJ1	45	101.3533	After	LC_Wearing Surface Load	-1.384E-09	4.989E-08	227.607	101.3533
BOBJ1	46	106.97	Before	LC_Wearing Surface Load	-1.374E-09	4.431E-08	63.8695	106.97
BOBJ1	47	106.97	After	LC_Wearing Surface Load	-4.281E-09	7.262E-08	63.8695	106.97
BOBJ1	48	112.5933	Before	LC_Wearing Surface Load	-4.283E-09	6.703E-08	-164.7698	112.5933
BOBJ1	49	112.5933	After	LC_Wearing Surface Load	-4.271E-09	6.703E-08	-164.7698	112.5933
BOBJ1	52	118.2167	Before	LC_Wearing Surface Load	-4.203E-09	6.142E-08	-458.1413	118.2167
BOBJ1	53	118.2167	After	LC_Wearing Surface Load	-4.137E-09	6.142E-08	-458.1253	118.2167
BOBJ1	54	123.84	Before	LC_Wearing Surface Load	-4.135E-09	5.579E-08	-816.2562	123.84
BOBJ1	55	123.84	After	LC_Wearing Surface Load	1.136E-09	6.412E-08	-816.6063	123.84
BOBJ1	58	130.79	Before	LC_Wearing Surface Load	1.102E-09	6.191E-08	-378.2018	130.79
BOBJ1	59	130.79	After	LC_Wearing Surface Load	1.234E-09	6.190E-08	-378.2018	130.79
BOBJ1	62	137.74	Before	LC_Wearing Surface Load	1.145E-09	5.985E-08	-38.6925	137.74
BOBJ1	63	137.74	After	LC_Wearing Surface Load	-1.954E-09	9.337E-08	-38.6925	137.74
BOBJ1	64	143.7733	Before	LC_Wearing Surface Load	-1.953E-09	9.163E-08	175.8632	143.7733
BOBJ1	65	143.7733	After	LC_Wearing Surface Load	-1.958E-09	9.163E-08	175.8632	143.7733
BOBJ1	66	149.8067	Before	LC_Wearing Surface Load	-1.955E-09	8.989E-08	315.8877	149.8067
BOBJ1	67	149.8067	After	LC_Wearing Surface Load	-1.958E-09	8.989E-08	315.8877	149.8067

Table 36: Bridge Object Forces, Part 2 of 3

BridgeObj	BridgeCut	Distance	LocType	OutputCase	T	M2	M3	GlobalX
		ft			Kip-ft	Kip-ft	Kip-ft	ft
BOBJ1	68	155.84	Before	LC_Wearing Surface Load	-1.960E-09	8.814E-08	381.3809	155.84
BOBJ1	69	155.84	After	LC_Wearing Surface Load	3.712E-09	9.025E-08	381.3809	155.84
BOBJ1	70	161.8733	Before	LC_Wearing Surface Load	3.705E-09	8.855E-08	372.3428	161.8733
BOBJ1	71	161.8733	After	LC_Wearing Surface Load	3.702E-09	8.855E-08	372.3428	161.8733
BOBJ1	72	167.9067	Before	LC_Wearing Surface Load	3.698E-09	8.685E-08	288.7735	167.9067
BOBJ1	73	167.9067	After	LC_Wearing Surface Load	3.707E-09	8.685E-08	288.7735	167.9067
BOBJ1	74	173.94	Before	LC_Wearing Surface Load	3.703E-09	8.514E-08	130.6728	173.94
BOBJ1	75	173.94	After	LC_Wearing Surface Load	5.165E-09	8.656E-09	130.6728	173.94
BOBJ1	76	179.98	Before	LC_Wearing Surface Load	5.169E-09	6.920E-09	-102.2574	179.98
BOBJ1	77	179.98	After	LC_Wearing Surface Load	5.154E-09	6.918E-09	-102.2574	179.98
BOBJ1	80	186.02	Before	LC_Wearing Surface Load	5.171E-09	5.204E-09	-409.859	186.02
BOBJ1	81	186.02	After	LC_Wearing Surface Load	5.186E-09	5.202E-09	-409.8286	186.02
BOBJ1	82	192.06	Before	LC_Wearing Surface Load	5.194E-09	3.533E-09	-792.1509	192.06
BOBJ1	83	192.06	After	LC_Wearing Surface Load	-3.672E-09	-1.063E-08	-791.251	192.06
BOBJ1	86	197.91	Before	LC_Wearing Surface Load	-3.736E-09	-9.557E-09	-410.1028	197.91
BOBJ1	87	197.91	After	LC_Wearing Surface Load	-1.029E-09	7.430E-09	-410.1028	197.91
BOBJ1	90	203.5267	Before	LC_Wearing Surface Load	-1.015E-09	7.533E-09	-110.0911	203.5267
BOBJ1	91	203.5267	After	LC_Wearing Surface Load	-1.021E-09	7.531E-09	-110.0911	203.5267
BOBJ1	92	209.1433	Before	LC_Wearing Surface Load	-1.026E-09	7.742E-09	125.3282	209.1433
BOBJ1	93	209.1433	After	LC_Wearing Surface Load	-1.035E-09	7.745E-09	125.3282	209.1433
BOBJ1	94	214.76	Before	LC_Wearing Surface Load	-1.028E-09	7.954E-09	296.1551	214.76
BOBJ1	95	214.76	After	LC_Wearing Surface Load	-5.223E-09	-8.133E-09	296.1551	214.76
BOBJ1	96	220.3767	Before	LC_Wearing Surface Load	-5.218E-09	-7.865E-09	402.3897	220.3767
BOBJ1	97	220.3767	After	LC_Wearing Surface Load	-5.215E-09	-7.862E-09	402.3897	220.3767
BOBJ1	98	225.9933	Before	LC_Wearing Surface Load	-5.225E-09	-7.590E-09	444.0319	225.9933
BOBJ1	99	225.9933	After	LC_Wearing Surface Load	-5.199E-09	-7.592E-09	444.0319	225.9933
BOBJ1	100	231.61	Before	LC_Wearing Surface Load	-5.196E-09	-7.316E-09	421.0817	231.61
BOBJ1	101	231.61	After	LC_Wearing Surface Load	-7.503E-11	7.459E-10	421.0817	231.61
BOBJ1	102	237.37	Before	LC_Wearing Surface Load	-7.204E-11	1.080E-09	330.46	237.37
BOBJ1	103	237.37	After	LC_Wearing Surface Load	-7.920E-11	1.077E-09	330.46	237.37

Table 36: Bridge Object Forces, Part 2 of 3

BridgeObj	BridgeCut	Distance	LocType	OutputCase	T	M2	M3	GlobalX
		ft			Kip-ft	Kip-ft	Kip-ft	ft
BOBJ1	104	243.13	Before	LC_Wearing Surface Load	-8.006E-11	1.414E-09	171.907	243.13
BOBJ1	105	243.13	After	LC_Wearing Surface Load	-7.771E-11	1.416E-09	171.907	243.13
BOBJ1	106	248.89	Before	LC_Wearing Surface Load	-7.788E-11	1.755E-09	-54.577	248.89

Table 36: Bridge Object Forces, Part 3 of 3

Table 36: Bridge Object Forces, Part 3 of 3

BridgeObj	BridgeCut	Distance	LocType	OutputCase	GlobalY	GlobalZ
		ft			ft	ft
BOBJ1	1	0.	After	LC_Dead Load	-7.105E-15	-1.1838
BOBJ1	2	5.85	Before	LC_Dead Load	-7.105E-15	-1.1838
BOBJ1	3	5.85	After	LC_Dead Load	-7.105E-15	-1.1838
BOBJ1	4	11.4667	Before	LC_Dead Load	-7.105E-15	-1.1838
BOBJ1	5	11.4667	After	LC_Dead Load	-7.105E-15	-1.1838
BOBJ1	6	17.0833	Before	LC_Dead Load	-7.105E-15	-1.1838
BOBJ1	7	17.0833	After	LC_Dead Load	-7.105E-15	-1.1838
BOBJ1	8	22.7	Before	LC_Dead Load	-7.105E-15	-1.1838
BOBJ1	9	22.7	After	LC_Dead Load	-7.105E-15	-1.1838
BOBJ1	10	28.3167	Before	LC_Dead Load	-7.105E-15	-1.1838
BOBJ1	11	28.3167	After	LC_Dead Load	-7.105E-15	-1.1838
BOBJ1	12	33.9333	Before	LC_Dead Load	-7.105E-15	-1.1838
BOBJ1	13	33.9333	After	LC_Dead Load	-7.105E-15	-1.1838
BOBJ1	14	39.55	Before	LC_Dead Load	-7.105E-15	-1.1838
BOBJ1	15	39.55	After	LC_Dead Load	-7.105E-15	-1.1838
BOBJ1	16	45.1733	Before	LC_Dead Load	-7.105E-15	-1.1838
BOBJ1	17	45.1733	After	LC_Dead Load	1.883E-13	-1.0907
BOBJ1	20	50.7967	Before	LC_Dead Load	1.776E-14	-1.1577
BOBJ1	21	50.7967	After	LC_Dead Load	-1.421E-14	-1.1577
BOBJ1	24	56.42	Before	LC_Dead Load	7.461E-14	-1.237
BOBJ1	25	56.42	After	LC_Dead Load	7.461E-14	-1.237
BOBJ1	26	62.0367	Before	LC_Dead Load	7.461E-14	-1.237
BOBJ1	27	62.0367	After	LC_Dead Load	7.461E-14	-1.237

Table 36: Bridge Object Forces, Part 3 of 3

BridgeObj	BridgeCut	Distance	LocType	OutputCase	GlobalY	GlobalZ
		ft			ft	ft
BOBJ1	32	67.6533	Before	LC_Dead Load	1.883E-13	-1.0907
BOBJ1	33	67.6533	After	LC_Dead Load	1.883E-13	-1.0907
BOBJ1	34	73.27	Before	LC_Dead Load	1.812E-13	-1.0907
BOBJ1	35	73.27	After	LC_Dead Load	1.812E-13	-1.0907
BOBJ1	36	78.8867	Before	LC_Dead Load	1.883E-13	-1.0907
BOBJ1	37	78.8867	After	LC_Dead Load	6.750E-14	-1.0907
BOBJ1	38	84.5033	Before	LC_Dead Load	1.883E-13	-1.0907
BOBJ1	39	84.5033	After	LC_Dead Load	1.883E-13	-1.0907
BOBJ1	40	90.12	Before	LC_Dead Load	1.883E-13	-1.0907
BOBJ1	41	90.12	After	LC_Dead Load	1.883E-13	-1.0907
BOBJ1	42	95.7367	Before	LC_Dead Load	2.380E-13	-1.0907
BOBJ1	43	95.7367	After	LC_Dead Load	1.705E-13	-1.0907
BOBJ1	44	101.3533	Before	LC_Dead Load	1.883E-13	-1.0907
BOBJ1	45	101.3533	After	LC_Dead Load	1.883E-13	-1.0907
BOBJ1	46	106.97	Before	LC_Dead Load	6.750E-14	-1.0907
BOBJ1	47	106.97	After	LC_Dead Load	2.380E-13	-1.0907
BOBJ1	48	112.5933	Before	LC_Dead Load	2.416E-13	-1.0907
BOBJ1	49	112.5933	After	LC_Dead Load	1.883E-13	-1.0907
BOBJ1	52	118.2167	Before	LC_Dead Load	1.776E-14	-1.1577
BOBJ1	53	118.2167	After	LC_Dead Load	7.461E-14	-1.237
BOBJ1	54	123.84	Before	LC_Dead Load	4.974E-14	-1.237
BOBJ1	55	123.84	After	LC_Dead Load	7.461E-14	-1.237
BOBJ1	58	130.79	Before	LC_Dead Load	1.776E-14	-1.1577
BOBJ1	59	130.79	After	LC_Dead Load	1.776E-14	-1.1577
BOBJ1	62	137.74	Before	LC_Dead Load	1.883E-13	-1.0907
BOBJ1	63	137.74	After	LC_Dead Load	1.883E-13	-1.0907
BOBJ1	64	143.7733	Before	LC_Dead Load	1.883E-13	-1.0907
BOBJ1	65	143.7733	After	LC_Dead Load	1.883E-13	-1.0907
BOBJ1	66	149.8067	Before	LC_Dead Load	1.883E-13	-1.0907
BOBJ1	67	149.8067	After	LC_Dead Load	1.883E-13	-1.0907

Table 36: Bridge Object Forces, Part 3 of 3

BridgeObj	BridgeCut	Distance	LocType	OutputCase	GlobalY	GlobalZ
		ft			ft	ft
BOBJ1	68	155.84	Before	LC_Dead Load	1.883E-13	-1.0907
BOBJ1	69	155.84	After	LC_Dead Load	1.883E-13	-1.0907
BOBJ1	70	161.8733	Before	LC_Dead Load	1.705E-13	-1.0907
BOBJ1	71	161.8733	After	LC_Dead Load	1.883E-13	-1.0907
BOBJ1	72	167.9067	Before	LC_Dead Load	2.380E-13	-1.0907
BOBJ1	73	167.9067	After	LC_Dead Load	1.883E-13	-1.0907
BOBJ1	74	173.94	Before	LC_Dead Load	6.750E-14	-1.0907
BOBJ1	75	173.94	After	LC_Dead Load	6.750E-14	-1.0907
BOBJ1	76	179.98	Before	LC_Dead Load	6.750E-14	-1.0907
BOBJ1	77	179.98	After	LC_Dead Load	1.883E-13	-1.0907
BOBJ1	80	186.02	Before	LC_Dead Load	1.421E-13	-1.1657
BOBJ1	81	186.02	After	LC_Dead Load	1.705E-13	-1.2584
BOBJ1	82	192.06	Before	LC_Dead Load	6.395E-14	-1.2584
BOBJ1	83	192.06	After	LC_Dead Load	1.705E-13	-1.2584
BOBJ1	86	197.91	Before	LC_Dead Load	2.842E-14	-1.1657
BOBJ1	87	197.91	After	LC_Dead Load	1.421E-13	-1.1657
BOBJ1	90	203.5267	Before	LC_Dead Load	1.883E-13	-1.0907
BOBJ1	91	203.5267	After	LC_Dead Load	7.105E-14	-1.2496
BOBJ1	92	209.1433	Before	LC_Dead Load	7.105E-14	-1.2496
BOBJ1	93	209.1433	After	LC_Dead Load	7.105E-14	-1.2496
BOBJ1	94	214.76	Before	LC_Dead Load	7.105E-14	-1.2496
BOBJ1	95	214.76	After	LC_Dead Load	7.105E-14	-1.2496
BOBJ1	96	220.3767	Before	LC_Dead Load	7.105E-14	-1.2496
BOBJ1	97	220.3767	After	LC_Dead Load	7.105E-14	-1.2496
BOBJ1	98	225.9933	Before	LC_Dead Load	7.105E-14	-1.2496
BOBJ1	99	225.9933	After	LC_Dead Load	7.105E-14	-1.2496
BOBJ1	100	231.61	Before	LC_Dead Load	7.105E-14	-1.2496
BOBJ1	101	231.61	After	LC_Dead Load	7.105E-14	-1.2496
BOBJ1	102	237.37	Before	LC_Dead Load	7.105E-14	-1.2496
BOBJ1	103	237.37	After	LC_Dead Load	7.105E-14	-1.2496

Table 36: Bridge Object Forces, Part 3 of 3

BridgeObj	BridgeCut	Distance	LocType	OutputCase	GlobalY	GlobalZ
		ft			ft	ft
BOBJ1	104	243.13	Before	LC_Dead Load	7.105E-14	-1.2496
BOBJ1	105	243.13	After	LC_Dead Load	7.105E-14	-1.2496
BOBJ1	106	248.89	Before	LC_Dead Load	7.105E-14	-1.2496
BOBJ1	1	0.	After	LC_Wearing Surface Load	-7.105E-15	-1.1838
BOBJ1	2	5.85	Before	LC_Wearing Surface Load	-7.105E-15	-1.1838
BOBJ1	3	5.85	After	LC_Wearing Surface Load	-7.105E-15	-1.1838
BOBJ1	4	11.4667	Before	LC_Wearing Surface Load	-7.105E-15	-1.1838
BOBJ1	5	11.4667	After	LC_Wearing Surface Load	-7.105E-15	-1.1838
BOBJ1	6	17.0833	Before	LC_Wearing Surface Load	-7.105E-15	-1.1838
BOBJ1	7	17.0833	After	LC_Wearing Surface Load	-7.105E-15	-1.1838
BOBJ1	8	22.7	Before	LC_Wearing Surface Load	-7.105E-15	-1.1838
BOBJ1	9	22.7	After	LC_Wearing Surface Load	-7.105E-15	-1.1838
BOBJ1	10	28.3167	Before	LC_Wearing Surface Load	-7.105E-15	-1.1838
BOBJ1	11	28.3167	After	LC_Wearing Surface Load	-7.105E-15	-1.1838
BOBJ1	12	33.9333	Before	LC_Wearing Surface Load	-7.105E-15	-1.1838
BOBJ1	13	33.9333	After	LC_Wearing Surface Load	-7.105E-15	-1.1838
BOBJ1	14	39.55	Before	LC_Wearing Surface Load	-7.105E-15	-1.1838
BOBJ1	15	39.55	After	LC_Wearing Surface Load	-7.105E-15	-1.1838
BOBJ1	16	45.1733	Before	LC_Wearing Surface Load	-7.105E-15	-1.1838
BOBJ1	17	45.1733	After	LC_Wearing Surface Load	1.883E-13	-1.0907
BOBJ1	20	50.7967	Before	LC_Wearing Surface Load	1.776E-14	-1.1577
BOBJ1	21	50.7967	After	LC_Wearing Surface Load	-1.421E-14	-1.1577
BOBJ1	24	56.42	Before	LC_Wearing Surface Load	7.461E-14	-1.237
BOBJ1	25	56.42	After	LC_Wearing Surface Load	7.461E-14	-1.237
BOBJ1	26	62.0367	Before	LC_Wearing Surface Load	7.461E-14	-1.237
BOBJ1	27	62.0367	After	LC_Wearing Surface Load	7.461E-14	-1.237
BOBJ1	32	67.6533	Before	LC_Wearing Surface Load	1.883E-13	-1.0907
BOBJ1	33	67.6533	After	LC_Wearing Surface Load	1.883E-13	-1.0907
BOBJ1	34	73.27	Before	LC_Wearing Surface Load	1.812E-13	-1.0907
BOBJ1	35	73.27	After	LC_Wearing Surface Load	1.812E-13	-1.0907

Table 36: Bridge Object Forces, Part 3 of 3

BridgeObj	BridgeCut	Distance	LocType	OutputCase	GlobalY	GlobalZ
		ft			ft	ft
BOBJ1	36	78.8867	Before	LC_Wearing Surface Load	1.883E-13	-1.0907
BOBJ1	37	78.8867	After	LC_Wearing Surface Load	6.750E-14	-1.0907
BOBJ1	38	84.5033	Before	LC_Wearing Surface Load	1.883E-13	-1.0907
BOBJ1	39	84.5033	After	LC_Wearing Surface Load	1.883E-13	-1.0907
BOBJ1	40	90.12	Before	LC_Wearing Surface Load	1.883E-13	-1.0907
BOBJ1	41	90.12	After	LC_Wearing Surface Load	1.883E-13	-1.0907
BOBJ1	42	95.7367	Before	LC_Wearing Surface Load	2.380E-13	-1.0907
BOBJ1	43	95.7367	After	LC_Wearing Surface Load	1.705E-13	-1.0907
BOBJ1	44	101.3533	Before	LC_Wearing Surface Load	1.883E-13	-1.0907
BOBJ1	45	101.3533	After	LC_Wearing Surface Load	1.883E-13	-1.0907
BOBJ1	46	106.97	Before	LC_Wearing Surface Load	6.750E-14	-1.0907
BOBJ1	47	106.97	After	LC_Wearing Surface Load	2.380E-13	-1.0907
BOBJ1	48	112.5933	Before	LC_Wearing Surface Load	2.416E-13	-1.0907
BOBJ1	49	112.5933	After	LC_Wearing Surface Load	1.883E-13	-1.0907
BOBJ1	52	118.2167	Before	LC_Wearing Surface Load	1.776E-14	-1.1577
BOBJ1	53	118.2167	After	LC_Wearing Surface Load	7.461E-14	-1.237
BOBJ1	54	123.84	Before	LC_Wearing Surface Load	4.974E-14	-1.237
BOBJ1	55	123.84	After	LC_Wearing Surface Load	7.461E-14	-1.237
BOBJ1	58	130.79	Before	LC_Wearing Surface Load	1.776E-14	-1.1577
BOBJ1	59	130.79	After	LC_Wearing Surface Load	1.776E-14	-1.1577
BOBJ1	62	137.74	Before	LC_Wearing Surface Load	1.883E-13	-1.0907
BOBJ1	63	137.74	After	LC_Wearing Surface Load	1.883E-13	-1.0907
BOBJ1	64	143.7733	Before	LC_Wearing Surface Load	1.883E-13	-1.0907
BOBJ1	65	143.7733	After	LC_Wearing Surface Load	1.883E-13	-1.0907
BOBJ1	66	149.8067	Before	LC_Wearing Surface Load	1.883E-13	-1.0907
BOBJ1	67	149.8067	After	LC_Wearing Surface Load	1.883E-13	-1.0907
BOBJ1	68	155.84	Before	LC_Wearing Surface Load	1.883E-13	-1.0907
BOBJ1	69	155.84	After	LC_Wearing Surface Load	1.883E-13	-1.0907
BOBJ1	70	161.8733	Before	LC_Wearing Surface Load	1.705E-13	-1.0907
BOBJ1	71	161.8733	After	LC_Wearing Surface Load	1.883E-13	-1.0907

Table 36: Bridge Object Forces, Part 3 of 3

BridgeObj	BridgeCut	Distance	LocType	OutputCase	GlobalY	GlobalZ
		ft			ft	ft
BOBJ1	72	167.9067	Before	LC_Wearing Surface Load	2.380E-13	-1.0907
BOBJ1	73	167.9067	After	LC_Wearing Surface Load	1.883E-13	-1.0907
BOBJ1	74	173.94	Before	LC_Wearing Surface Load	6.750E-14	-1.0907
BOBJ1	75	173.94	After	LC_Wearing Surface Load	6.750E-14	-1.0907
BOBJ1	76	179.98	Before	LC_Wearing Surface Load	6.750E-14	-1.0907
BOBJ1	77	179.98	After	LC_Wearing Surface Load	1.883E-13	-1.0907
BOBJ1	80	186.02	Before	LC_Wearing Surface Load	1.421E-13	-1.1657
BOBJ1	81	186.02	After	LC_Wearing Surface Load	1.705E-13	-1.2584
BOBJ1	82	192.06	Before	LC_Wearing Surface Load	6.395E-14	-1.2584
BOBJ1	83	192.06	After	LC_Wearing Surface Load	1.705E-13	-1.2584
BOBJ1	86	197.91	Before	LC_Wearing Surface Load	2.842E-14	-1.1657
BOBJ1	87	197.91	After	LC_Wearing Surface Load	1.421E-13	-1.1657
BOBJ1	90	203.5267	Before	LC_Wearing Surface Load	1.883E-13	-1.0907
BOBJ1	91	203.5267	After	LC_Wearing Surface Load	7.105E-14	-1.2496
BOBJ1	92	209.1433	Before	LC_Wearing Surface Load	7.105E-14	-1.2496
BOBJ1	93	209.1433	After	LC_Wearing Surface Load	7.105E-14	-1.2496
BOBJ1	94	214.76	Before	LC_Wearing Surface Load	7.105E-14	-1.2496
BOBJ1	95	214.76	After	LC_Wearing Surface Load	7.105E-14	-1.2496
BOBJ1	96	220.3767	Before	LC_Wearing Surface Load	7.105E-14	-1.2496
BOBJ1	97	220.3767	After	LC_Wearing Surface Load	7.105E-14	-1.2496
BOBJ1	98	225.9933	Before	LC_Wearing Surface Load	7.105E-14	-1.2496
BOBJ1	99	225.9933	After	LC_Wearing Surface Load	7.105E-14	-1.2496
BOBJ1	100	231.61	Before	LC_Wearing Surface Load	7.105E-14	-1.2496
BOBJ1	101	231.61	After	LC_Wearing Surface Load	7.105E-14	-1.2496
BOBJ1	102	237.37	Before	LC_Wearing Surface Load	7.105E-14	-1.2496
BOBJ1	103	237.37	After	LC_Wearing Surface Load	7.105E-14	-1.2496
BOBJ1	104	243.13	Before	LC_Wearing Surface Load	7.105E-14	-1.2496
BOBJ1	105	243.13	After	LC_Wearing Surface Load	7.105E-14	-1.2496
BOBJ1	106	248.89	Before	LC_Wearing Surface Load	7.105E-14	-1.2496

10. Material take-off

This section provides a material take-off.

Table 37: Material List 2 - By Section Property

Table 37: Material List 2 - By Section Property

Section	ObjectType	NumPieces	TotalLength	TotalWeight
			ft	Kip
Bent Cap	Frame	5	300.	720.
Column Section	Frame	15	345.	828.
C15x33.9	Frame	105	840.	28.469
FSEC1	Frame	128	722.7733	37.543
FSEC3	Frame	120	338.914	4.325
FSEC4	Frame	368	1924.7913	80.168
FSEC5	Frame	32	130.4557	11.646
FSEC6	Frame	60	265.7359	16.678
FSEC7	Frame	16	62.4862	5.951
FSEC8	Frame	24	132.8038	8.899
FSEC9	Frame	128	725.8133	51.253
VAR11	Frame	4	17.3805	0.976
ASEC1	Area			1272.069
ASEC2	Area			158.468
BFIXSS-1	Link	40		0.
Vertical only-1	Link	16		0.
BBRG1-1	Link	24		0.



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CSiBridge Analysis and Design Report

Prepared by

Gresham Smith

Model Name: 19SR0060015_App_Span16-19.bdb

16 June 2020

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1. Model geometry

This section provides model geometry information, including items such as the layout line and lane definitions.

1.1. Layout Line

Table 1: Bridge Layout Line 2 - Horizontal Layout Data, Part 1 of 2

Table 1: Bridge Layout Line 2 - Horizontal Layout Data, Part 1 of 2

LayoutLine	SegType	Station	Radius	Bearing	CoordSys	X
		ft	ft			ft
Bridge Layout	Initial Station and Bearing	0.		N900000E	GLOBAL	0.
Bridge Layout	Straight at Previous Bearing to End	250.			GLOBAL	250.

Table 1: Bridge Layout Line 2 - Horizontal Layout Data, Part 2 of 2

Table 1: Bridge Layout Line 2 - Horizontal Layout Data, Part 2 of 2

LayoutLine	Y	GlobalX	GlobalY
	ft	ft	ft
Bridge Layout	0.	0.	0.
Bridge Layout	0.	250.	0.

Table 2: Bridge Layout Line 3 - Vertical Layout Data

Table 2: Bridge Layout Line 3 - Vertical Layout Data

LayoutLine	SegType	Station	Grade	CoordSys	Z	GlobalZ
		ft	Percent		ft	ft
Bridge Layout	Initial Station, Elevation Z and Grade	0.	0.	GLOBAL	0.	0.
Bridge Layout	Constant at Previous Grade to End	250.	0.	GLOBAL	0.	0.

1.2. Lanes

Table 3: Lane Definition Data, Part 1 of 2

Table 3: Lane Definition Data, Part 1 of 2

Lane	LaneFrom	LayoutLine	Station	LaneType	Width	Offset	Radius	LoadGroup
			ft		ft	ft	ft	
LANE1	Layout Line	Bridge Layout	0.	Fixed Lane	10.	20.	0.	Default
LANE1	Layout Line	Bridge Layout	230.		10.	20.	0.	Default
LANE2	Layout Line	Bridge Layout	0.	Fixed Lane	10.	10.	0.	Default

Table 3: Lane Definition Data, Part 1 of 2

Lane	LaneFrom	LayoutLine	Station	LaneType	Width	Offset	Radius	LoadGroup
			ft		ft	ft	ft	
LANE2	Layout Line	Bridge Layout	230.		10.	10.	0.	Default
LANE3	Layout Line	Bridge Layout	0.	Fixed Lane	10.	0.	0.	Default
LANE3	Layout Line	Bridge Layout	230.		10.	0.	0.	Default
LANE4	Layout Line	Bridge Layout	0.	Fixed Lane	10.	-10.	0.	Default
LANE4	Layout Line	Bridge Layout	230.		10.	-10.	0.	Default
LANE5	Layout Line	Bridge Layout	0.	Fixed Lane	10.	-20.	0.	Default
LANE5	Layout Line	Bridge Layout	230.		10.	-20.	0.	Default

Table 3: Lane Definition Data, Part 2 of 2

Table 3: Lane Definition Data, Part 2 of 2

Lane	DiscAlong	DiscAcross	DiscSpan	DiscLane	LeftType	RightType	Color	Notes
	ft	ft						
LANE1	10.	10.	No	No	Interior	Interior	Magenta	
LANE1								
LANE2	10.	10.	No	No	Interior	Interior	Gray8Dark	
LANE2								
LANE3	10.	10.	No	No	Interior	Interior	Blue	
LANE3								
LANE4	10.	10.	No	No	Interior	Interior	Red	
LANE4								
LANE5	10.	10.	No	No	Interior	Interior	Magenta	
LANE5								

1.3. Spans

Table 4: Bridge Object Definitions 03 - Spans 1 - General

Table 4: Bridge Object Definitions 03 - Spans 1 - General

BridgeObj	SpanName	BridgeSect	Variation
BOBJ1	Span 16	Span 16	No
BOBJ1	Span 17	Span 17	No
BOBJ1	Span 18	Span 18	No
BOBJ1	Span 19	Span 19	No

1.4. Bridge Sections

Table 5: Bridge Section Definitions 05 - Steel I Girders 1 - General, Part 1 of 4

Table 5: Bridge Section Definitions 05 - Steel I Girders 1 - General, Part 1 of 4

Section	Material	NumIntGird	TotalWidth	GirdLayout	DiffSpacing	DiffHaunch	DiffSection
			ft				
Span 16	3000Psi	6	58.5	Along Layout Line	No	No	Yes
Span 17	3000Psi	6	58.5	Along Layout Line	No	No	Yes
Span 18	3000Psi	6	58.5	Along Layout Line	No	No	Yes
Span 19	3000Psi	6	58.5	Along Layout Line	No	No	Yes

Table 5: Bridge Section Definitions 05 - Steel I Girders 1 - General, Part 2 of 4

Table 5: Bridge Section Definitions 05 - Steel I Girders 1 - General, Part 2 of 4

Section	TopSlabThk	HaunchHSame	GirdAreaObj	WebMesh	LOLength	LOFillDist	LOOuterThk	ROLength
	ft	ft		ft	ft	ft	ft	ft
Span 16	0.58333	0.25	Mixed	3.	1.25	1.25	0.54167	1.25
Span 17	0.58333	0.25	Mixed	3.	1.25	1.25	0.54167	1.25
Span 18	0.58333	0.25	Mixed	3.	1.25	1.25	0.54167	1.25
Span 19	0.58333	0.25	Mixed	3.	1.25	1.25	0.54167	1.25

Table 5: Bridge Section Definitions 05 - Steel I Girders 1 - General, Part 3 of 4

Table 5: Bridge Section Definitions 05 - Steel I Girders 1 - General, Part 3 of 4

Section	ROFillDist	ROOuterThk	FHoriz1	FHoriz2	CurbLoc	CurbLeft	CurbRight
	ft	ft	ft	ft		ft	ft
Span 16	1.25	0.54167	0.	0.	User Defined	1.25	1.25
Span 17	1.25	0.54167	0.	0.	User Defined	1.25	1.25
Span 18	1.25	0.54167	0.	0.	User Defined	1.25	1.25
Span 19	1.25	0.54167	0.	0.	User Defined	1.25	1.25

Table 5: Bridge Section Definitions 05 - Steel I Girders 1 - General, Part 4 of 4

Table 5: Bridge Section Definitions 05 - Steel I Girders 1 - General, Part 4 of 4

Section	CurbMedian	CurbMWidth	RefPtOffX	RefPtOffY
	ft	ft	ft	ft
Span 16	0.	0.	0.	0.
Span 17	0.	0.	0.	0.
Span 18	0.	0.	0.	0.
Span 19	0.	0.	0.	0.

Table 6: Bridge Section Definitions 08 - Steel I Girders 4 - Sections

Table 6: Bridge Section Definitions 08 - Steel I Girders 4 - Sections

Section	GirderNum	GirderSect
Span 16	1	Span 16_ext Girder
Span 16	2	Span 16_int Girder
Span 16	3	Span 16_int Girder

Table 6: Bridge Section Definitions 08 - Steel I Girders 4 - Sections

Section	GirderNum	GirderSect
Span 16	4	Span 16_int Girder
Span 16	5	Span 16_int Girder
Span 16	6	Span 16_int Girder
Span 16	7	Span 16_int Girder
Span 16	8	Span 16_ext Girder
Span 17	1	Span 17_ext Girder
Span 17	2	Span 17_int Girder
Span 17	3	Span 17_int Girder
Span 17	4	Span 17_int Girder
Span 17	5	Span 17_int Girder
Span 17	6	Span 17_int Girder
Span 17	7	Span 17_int Girder
Span 17	8	Span 17_ext Girder
Span 18	1	Span 18_ext Girder
Span 18	2	Span 18_int Girder
Span 18	3	Span 18_int Girder
Span 18	4	Span 18_int Girder
Span 18	5	Span 18_int Girder
Span 18	6	Span 18_int Girder
Span 18	7	Span 18_int Girder
Span 18	8	Span 18_ext Girder
Span 19	1	Span 19_ext Girder
Span 19	2	Span 19_int Girder
Span 19	3	Span 19_int Girder
Span 19	4	Span 19_int Girder
Span 19	5	Span 19_int Girder
Span 19	6	Span 19_int Girder
Span 19	7	Span 19_int Girder
Span 19	8	Span 19_ext Girder

1.5. Abutments

Table 7: Bridge Abutment Definitions

Table 7: Bridge Abutment Definitions

Abutment	GirderSup	SubType	FSProp
BABT1	Bottom	Spring	Fixed

Table 8: Bridge Object Definitions 06 - Abutments, Part 1 of 2

Table 8: Bridge Object Definitions 06 - Abutments, Part 1 of 2

BridgeObj	Location	SupportName	BearingDir	DiaphProp	SubType	BentProp	SubElev	HorizOff
							ft	ft
BOBJ1	Start	Start Abutment	Default	None	Bent	Int. Bent	-4.	0.
BOBJ1	End	End Abutment	Default	End diaphragm	Bent	Int. Bent	-4.	0.

Table 8: Bridge Object Definitions 06 - Abutments, Part 2 of 2

Table 8: Bridge Object Definitions 06 - Abutments, Part 2 of 2

BridgeObj	Location	SupportName	BearProp	BearResProp	BearElev	BearAngle
					ft	Degrees
BOBJ1	Start	Start Abutment	Vertical only	None	-4.	0.
BOBJ1	End	End Abutment	Vertical only	None	-4.	0.

1.6. Bents

Table 9: Bridge Bent Definitions 1 - General

Table 9: Bridge Bent Definitions 1 - General

Bent	BeamLength	BeamSect	Type	GirderSup1	NumCols
	ft				
Int. Bent	60.	Bent Cap	Single	Bottom	3

Table 10: Bridge Bent Definitions 2 - Column Data, Part 1 of 2

Table 10: Bridge Bent Definitions 2 - Column Data, Part 1 of 2

Bent	ColNum	Section	Distance	Height	Angle	ColSupport	RHLong	RHTrans
			ft	ft	Degrees			
Int. Bent	1	Column Section	2.	25.	0.	Fixed	1.	1.
Int. Bent	2	Column Section	30.	25.	0.	Fixed	1.	1.
Int. Bent	3	Column Section	58.	25.	0.	Fixed	1.	1.

Table 10: Bridge Bent Definitions 2 - Column Data, Part 2 of 2

Table 10: Bridge Bent Definitions 2 - Column Data, Part 2 of 2

Bent	ColNum	Section	ColSupport	HingeTop	HingeBot	R1Release	R2Release	R3Release
Int. Bent	1	Column Section	Fixed	None	None	Fixed	Fixed	Fixed
Int. Bent	2	Column Section	Fixed	None	None	Fixed	Fixed	Fixed
Int. Bent	3	Column Section	Fixed	None	None	Fixed	Fixed	Fixed

Table 11: Bridge Object Definitions 07 - Bents, Part 1 of 2

Table 11: Bridge Object Definitions 07 - Bents, Part 1 of 2

BridgeObj	SpanName	BentProp	Continuous	SupportName	BearingDir	BentElev	HorizOff	DiaphBefore
						ft	ft	
BOBJ1	Span 16	Int. Bent	Yes	Span 16	Default	-4.	0.	End diaphragm
BOBJ1	Span 17	Int. Bent	Yes	Span 17	Default	-4.	0.	End diaphragm
BOBJ1	Span 18	Int. Bent	Yes	Span 18	Default	-4.	0.	End diaphragm

Table 11: Bridge Object Definitions 07 - Bents, Part 2 of 2

Table 11: Bridge Object Definitions 07 - Bents, Part 2 of 2

BridgeObj	SpanName	SupportName	MeshAtBent	BearProp1	BrResProp1	BearElev1	BearAngle1
						ft	Degrees
BOBJ1	Span 16	Span 16	Yes	BBRG1	None	-4.	0.
BOBJ1	Span 17	Span 17	Yes	BBRG1	None	-4.	0.
BOBJ1	Span 18	Span 18	Yes	BBRG1	None	-4.	0.

1.7. Diaphragms

Table 12: Bridge Diaphragm Definitions, Part 1 of 2

Table 12: Bridge Diaphragm Definitions, Part 1 of 2

Diaph	DiaphType	IncConnPlat	Beam	BeamDist	MixedBeam	MatCnPlat	WidthCnPlat	ThickCnPlat
				ft			ft	ft
End diaphragm	Single Beam	Yes	C15x33.9	1.	No	Grade 33	0.41667	0.03125
Int diaphragm	Single Beam	Yes	Int Diaphragm Section	0.	No	Grade 33	0.66667	0.03125

Table 12: Bridge Diaphragm Definitions, Part 2 of 2

Table 12: Bridge Diaphragm Definitions, Part 2 of 2

Diaph	BothSideWeb
End diaphragm	Yes
Int diaphragm	Yes

1.8. Bearings

Table 13: Bridge Bearing Definitions

Table 13: Bridge Bearing Definitions

Bearing	Type	U1Type	U2Type	U3Type	R1Type	R2Type	R3Type
BBRG1	User	Fixed	Fixed	Fixed	Free	Free	Free
BBRG2	User	Fixed	Free	Free	Free	Free	Free
BBRG9	User	Fixed	Free	Fixed	Free	Free	Free
Fixed	User	Fixed	Fixed	Fixed	Fixed	Fixed	Fixed
Vertical only	User	Fixed	Free	Free	Free	Free	Free

Table 14: Bridge Model Summary 01 - Bearing Supports

Table 14: Bridge Model Summary 01 - Bearing Supports

BridgeObj	SpanName	Station	Type	Bearing	BearProp	BearElev	BearAngle
		ft				ft	Degrees
BOBJ1	Start Abutment	0.	Bent	1	Vertical only	-4.	0.
BOBJ1	Start Abutment	0.	Bent	2	Vertical only	-4.	0.
BOBJ1	Start Abutment	0.	Bent	3	Vertical only	-4.	0.
BOBJ1	Start Abutment	0.	Bent	4	Vertical only	-4.	0.
BOBJ1	Start Abutment	0.	Bent	5	Vertical only	-4.	0.
BOBJ1	Start Abutment	0.	Bent	6	Vertical only	-4.	0.

Table 14: Bridge Model Summary 01 - Bearing Supports

BridgeObj	SpanName	Station	Type	Bearing	BearProp	BearElev	BearAngle
		ft				ft	Degrees
BOBJ1	Start Abutment	0.	Bent	7	Vertical only	-4.	0.
BOBJ1	Start Abutment	0.	Bent	8	Vertical only	-4.	0.
BOBJ1	Span 16	45.63	Bent	1	BBRG1	-4.	0.
BOBJ1	Span 16	45.63	Bent	2	BBRG1	-4.	0.
BOBJ1	Span 16	45.63	Bent	3	BBRG1	-4.	0.
BOBJ1	Span 16	45.63	Bent	4	BBRG1	-4.	0.
BOBJ1	Span 16	45.63	Bent	5	BBRG1	-4.	0.
BOBJ1	Span 16	45.63	Bent	6	BBRG1	-4.	0.
BOBJ1	Span 16	45.63	Bent	7	BBRG1	-4.	0.
BOBJ1	Span 16	45.63	Bent	8	BBRG1	-4.	0.
BOBJ1	Span 17	112.71	Bent	1	BBRG1	-4.	0.
BOBJ1	Span 17	112.71	Bent	2	BBRG1	-4.	0.
BOBJ1	Span 17	112.71	Bent	3	BBRG1	-4.	0.
BOBJ1	Span 17	112.71	Bent	4	BBRG1	-4.	0.
BOBJ1	Span 17	112.71	Bent	5	BBRG1	-4.	0.
BOBJ1	Span 17	112.71	Bent	6	BBRG1	-4.	0.
BOBJ1	Span 17	112.71	Bent	7	BBRG1	-4.	0.
BOBJ1	Span 17	112.71	Bent	8	BBRG1	-4.	0.
BOBJ1	Span 18	170.21	Bent	1	BBRG1	-4.	0.
BOBJ1	Span 18	170.21	Bent	2	BBRG1	-4.	0.
BOBJ1	Span 18	170.21	Bent	3	BBRG1	-4.	0.
BOBJ1	Span 18	170.21	Bent	4	BBRG1	-4.	0.
BOBJ1	Span 18	170.21	Bent	5	BBRG1	-4.	0.
BOBJ1	Span 18	170.21	Bent	6	BBRG1	-4.	0.
BOBJ1	Span 18	170.21	Bent	7	BBRG1	-4.	0.
BOBJ1	Span 18	170.21	Bent	8	BBRG1	-4.	0.
BOBJ1	Span 19	228.27	Bent	1	Vertical only	-4.	0.
BOBJ1	Span 19	228.27	Bent	2	Vertical only	-4.	0.
BOBJ1	Span 19	228.27	Bent	3	Vertical only	-4.	0.
BOBJ1	Span 19	228.27	Bent	4	Vertical only	-4.	0.
BOBJ1	Span 19	228.27	Bent	5	Vertical only	-4.	0.
BOBJ1	Span 19	228.27	Bent	6	Vertical only	-4.	0.
BOBJ1	Span 19	228.27	Bent	7	Vertical only	-4.	0.
BOBJ1	Span 19	228.27	Bent	8	Vertical only	-4.	0.

2. Material properties

This section provides material property information for materials used in the model.

Table 15: Material Properties 02 - Basic Mechanical Properties

Table 15: Material Properties 02 - Basic Mechanical Properties

Material	UnitWeight	UnitMass	E1	G12	U12	A1
	Kip/ft3	Kip-s2/ft4	Kip/ft2	Kip/ft2		1/F
3000Psi	1.5000E-01	4.6621E-03	449570.68	187321.12	0.2	5.5000E-06
4000Psi	1.5000E-01	4.6621E-03	519119.5	216299.79	0.2	5.5000E-06
A36	4.9000E-01	1.5230E-02	4176000.	1606153.85	0.3	6.5000E-06
A416Gr270	4.9000E-01	1.5230E-02	4104000.			6.5000E-06
A615Gr60	4.9000E-01	1.5230E-02	4176000.			6.5000E-06

Table 15: Material Properties 02 - Basic Mechanical Properties

Material	UnitWeight	UnitMass	E1	G12	U12	A1
	Kip/ft3	Kip-s2/ft4	Kip/ft2	Kip/ft2		1/F
A709Gr50	4.9000E-01	1.5230E-02	4176000.	1606153.85	0.3	6.5000E-06
Grade 33	4.9000E-01	1.5230E-02	4176000.	1606153.85	0.3	6.5000E-06

Table 16: Material Properties 03a - Steel Data

Table 16: Material Properties 03a - Steel Data

Material	Fy	Fu	FinalSlope
	Kip/ft2	Kip/ft2	
A36	5184.	8352.	-0.1
A709Gr50	7200.	9360.	-0.1
Grade 33	4752.	7488.	-0.1

Table 17: Material Properties 03b - Concrete Data

Table 17: Material Properties 03b - Concrete Data

Material	Fc	eFc	FinalSlope
	Kip/ft2	Kip/ft2	
3000Psi	432.	432.	-0.1
4000Psi	576.	576.	-0.1

Table 18: Material Properties 03e - Rebar Data

Table 18: Material Properties 03e - Rebar Data

Material	Fy	Fu	FinalSlope
	Kip/ft2	Kip/ft2	
A615Gr60	8640.	12960.	-0.1

Table 19: Material Properties 03f - Tendon Data

Table 19: Material Properties 03f - Tendon Data

Material	Fy	Fu	FinalSlope
	Kip/ft2	Kip/ft2	
A416Gr270	35294.4	38880.	-0.1

3. Section properties

This section provides section property information for objects used in the model.

3.1. Frames

Table 20: Frame Section Properties 01 - General, Part 1 of 5

Table 20: Frame Section Properties 01 - General, Part 1 of 5

SectionName	Material	Shape	t3	t2	tf	tw	t2b	tfb
			ft	ft	ft	ft	ft	ft
Bent Cap	3000Psi	Rectangular	4.	4.				
BRD1	3000Psi	Bridge Section						
BRD10	3000Psi	Bridge Section						
BRD11	3000Psi	Bridge Section						
BRD12	3000Psi	Bridge Section						
BRD13	3000Psi	Bridge Section						
BRD14	3000Psi	Bridge Section						
BRD15	3000Psi	Bridge Section						
BRD16	3000Psi	Bridge Section						
BRD17	3000Psi	Bridge Section						
BRD18	3000Psi	Bridge Section						
BRD19	3000Psi	Bridge Section						
BRD2	3000Psi	Bridge Section						
BRD20	3000Psi	Bridge Section						
BRD21	3000Psi	Bridge Section						
BRD22	3000Psi	Bridge Section						
BRD23	3000Psi	Bridge Section						
BRD24	3000Psi	Bridge Section						
BRD25	3000Psi	Bridge Section						
BRD26	3000Psi	Bridge Section						
BRD27	3000Psi	Bridge Section						
BRD28	3000Psi	Bridge Section						
BRD29	3000Psi	Bridge Section						
BRD3	3000Psi	Bridge Section						
BRD30	3000Psi	Bridge Section						
BRD31	3000Psi	Bridge Section						
BRD32	3000Psi	Bridge Section						
BRD33	3000Psi	Bridge Section						
BRD34	3000Psi	Bridge Section						
BRD35	3000Psi	Bridge Section						
BRD36	3000Psi	Bridge Section						
BRD37	3000Psi	Bridge Section						
BRD38	3000Psi	Bridge Section						
BRD39	3000Psi	Bridge Section						
BRD4	3000Psi	Bridge Section						
BRD40	3000Psi	Bridge Section						
BRD41	3000Psi	Bridge Section						
BRD42	3000Psi	Bridge Section						
BRD43	3000Psi	Bridge Section						
BRD44	3000Psi	Bridge Section						
BRD45	3000Psi	Bridge Section						
BRD46	3000Psi	Bridge Section						
BRD47	3000Psi	Bridge Section						
BRD48	3000Psi	Bridge Section						
BRD49	3000Psi	Bridge Section						
BRD5	3000Psi	Bridge Section						
BRD50	3000Psi	Bridge Section						
BRD51	3000Psi	Bridge Section						
BRD52	3000Psi	Bridge Section						
BRD53	3000Psi	Bridge Section						
BRD54	3000Psi	Bridge Section						
BRD55	3000Psi	Bridge Section						
BRD56	3000Psi	Bridge Section						

Table 20: Frame Section Properties 01 - General, Part 1 of 5

SectionName	Material	Shape	t3	t2	tf	tw	t2b	tfb
			ft	ft	ft	ft	ft	ft
BRD57	3000Psi	Bridge Section						
BRD58	3000Psi	Bridge Section						
BRD59	3000Psi	Bridge Section						
BRD6	3000Psi	Bridge Section						
BRD60	3000Psi	Bridge Section						
BRD61	3000Psi	Bridge Section						
BRD62	3000Psi	Bridge Section						
BRD63	3000Psi	Bridge Section						
BRD64	3000Psi	Bridge Section						
BRD65	3000Psi	Bridge Section						
BRD66	3000Psi	Bridge Section						
BRD67	3000Psi	Bridge Section						
BRD68	3000Psi	Bridge Section						
BRD69	3000Psi	Bridge Section						
BRD7	3000Psi	Bridge Section						
BRD70	3000Psi	Bridge Section						
BRD71	3000Psi	Bridge Section						
BRD72	3000Psi	Bridge Section						
BRD73	3000Psi	Bridge Section						
BRD74	3000Psi	Bridge Section						
BRD8	3000Psi	Bridge Section						
BRD9	3000Psi	Bridge Section						
C15x33.9	Grade 33	Channel	1.25	0.28333	0.05417	0.03333		
Column Section	3000Psi	Rectangular	4.	4.				
FSEC1	Grade 33	Rectangular	0.07833	0.99792				
FSEC2	A709Gr50	I/Wide Flange	2.00833	0.75167	0.06417	0.03917	0.75167	0.06417
FSEC3	Grade 33	Rectangular	1.33333	0.03125				
FSEC4	Grade 33	Rectangular	0.11317	0.99792				
FSEC5	Grade 33	Rectangular	0.83333	0.03125				
FSEC6	Grade 33	Rectangular	0.105	1.00958				
FSEC7	Grade 33	Rectangular	0.09833	1.00625				
FSEC8	Grade 33	Rectangular	0.16092	1.00958				
Int Diaphragm Section	Grade 33	I/Wide Flange	2.54167	0.61458	0.02608	0.03125	0.61458	0.02608
Span 16_ext Girder		Nonprismatic						
Span 16_int Girder		Nonprismatic						
Span 17_ext Girder		Nonprismatic						
Span 17_int Girder		Nonprismatic						
Span 18_ext Girder		Nonprismatic						
Span 18_int Girder		Nonprismatic						
Span 19_ext Girder		Nonprismatic						
Span 19_int Girder		Nonprismatic						
W36x150	Grade 33	I/Wide Flange	2.9875	0.99792	0.07833	0.05208	0.99792	0.07833
W36x150 + CP 10x1/2	Grade 33	I/Wide Flange	3.05708	0.99792	0.11317	0.05208	0.99792	0.11317
W36x160	Grade 33	I/Wide Flange	3.00083	1.	0.085	0.05417	1.	0.085
W36x160 + CP 10x1/2	Grade 33	I/Wide Flange	3.05692	1.	0.11975	0.05417	1.	0.11975

Table 20: Frame Section Properties 01 - General, Part 1 of 5

SectionName	Material	Shape	t3	t2	tf	tw	t2b	tfb
			ft	ft	ft	ft	ft	ft
W36x160 + CP 10x3/4	Grade 33	I/Wide Flange	3.10433	1.	0.13675	0.05417	1.	0.13675
W36x160 + CP 10x5/8	Grade 33	I/Wide Flange	3.087	1.	0.12808	0.05417	1.	0.12808
W36x160 + CP 14x1	Grade 33	I/Wide Flange	3.14325	1.16667	0.15617	0.05417	1.16667	0.15617
W36x160 + CP 14x1.125	Grade 33	I/Wide Flange	3.16408	1.16667	0.16658	0.05417	1.16667	0.16658
W36x160 + CP 14x7/8	Grade 33	I/Wide Flange	3.1224	1.1667	0.1458	0.0542	1.1667	0.1458
W36x170	Grade 33	I/Wide Flange	3.01417	1.0025	0.09167	0.05667	1.0025	0.09167
W36x170 + CP 14x1	Grade 33	I/Wide Flange	3.155	1.16667	0.16208	0.05667	1.16667	0.16208
W36x170 + CP 14x1.125	Grade 33	I/Wide Flange	3.17583	1.16667	0.1725	0.05667	1.16667	0.1725
W36x170 + CP 8x3/8	Grade 33	I/Wide Flange	3.05575	1.0025	0.11242	0.05667	1.0025	0.11242
W36x182	Grade 33	I/Wide Flange	3.0275	1.00625	0.09833	0.06042	1.00625	0.09833
W36x182 + CP14x3/4	Grade 33	I/Wide Flange	3.12542	1.16667	0.14733	0.06042	1.16667	0.14733
W36x194	Grade 33	I/Wide Flange	3.04083	1.00958	0.105	0.06375	1.00958	0.105
W36x194 + 10x13/16 CP	Grade 33	I/Wide Flange	3.15258	1.00958	0.16092	0.06375	1.00958	0.16092
W36x230	Grade 33	I/Wide Flange	2.99167	1.3725	0.105	0.06333	1.3725	0.105
W36x260	Grade 33	I/Wide Flange	3.02167	1.37917	0.12	0.07	1.37917	0.12
W36x280	Grade 33	I/Wide Flange	3.04333	1.38292	0.13083	0.07375	1.38292	0.13083
W36x280 + CP 12x1	Grade 33	I/Wide Flange	3.13467	1.38292	0.19108	0.07375	1.38292	0.19108
W36x300	Grade 33	I/Wide Flange	3.06167	1.38792	0.14	0.07875	1.38792	0.14
W36x300 + CP 10x7/16	Grade 33	I/Wide Flange	3.11933	1.38792	0.19258	0.07875	1.38792	0.19258
W36x300 + CP 14x1	Grade 33	I/Wide Flange	3.15425	1.38792	0.21008	0.07875	1.38792	0.21008

Table 20: Frame Section Properties 01 - General, Part 2 of 5

Table 20: Frame Section Properties 01 - General, Part 2 of 5

SectionName	Area	TorsConst	I33	I22	I23	AS2	AS3
	ft2	ft4	ft4	ft4	ft4	ft2	ft2
Bent Cap	16.	36.053333	21.333333	21.333333	0.	13.3333	13.3333
BRD1	58.0696	5.063957	85.129235	17778.489 37	0.	15.5971	32.503
BRD10	58.0696	5.063957	85.129235	17778.489 37	0.	15.5971	32.503
BRD11	58.0696	5.063957	85.129235	17778.489 37	0.	15.5971	32.503
BRD12	58.0696	5.063957	85.129235	17778.489 37	0.	15.5971	32.503
BRD13	58.0696	5.063957	85.129235	17778.489 37	0.	15.5971	32.503
BRD14	58.0696	5.063957	85.129235	17778.489 37	0.	15.5971	32.503
BRD15	58.0696	5.063957	85.129235	17778.489 37	0.	15.5971	32.503
BRD16	59.2915	5.092675	89.850096	18736.599 29	0.	15.6567	32.8456

Table 20: Frame Section Properties 01 - General, Part 2 of 5

SectionName	Area	TorsConst	I33	I22	I23	AS2	AS3
	ft2	ft4	ft4	ft4	ft4	ft2	ft2
BRD17	59.2915	5.092675	89.850096	18736.59929	0.	15.6567	32.8456
BRD18	58.0696	5.063957	85.129235	17778.48937	0.	15.5971	32.503
BRD19	58.0696	5.063957	85.129235	17778.48937	0.	15.5971	32.503
BRD2	58.0696	5.063957	85.129235	17778.48937	0.	15.5971	32.503
BRD20	58.0696	5.063957	85.129235	17778.48937	0.	15.5971	32.503
BRD21	58.0696	5.063957	85.129235	17778.48937	0.	15.5971	32.503
BRD22	58.0696	5.063957	85.129235	17778.48937	0.	15.5971	32.503
BRD23	58.0696	5.063957	85.129235	17778.48937	0.	15.5971	32.503
BRD24	58.0696	5.063957	85.129235	17778.48937	0.	15.5971	32.503
BRD25	58.0696	5.063957	85.129235	17778.48937	0.	15.5971	32.503
BRD26	58.0696	5.063957	85.129235	17778.48937	0.	15.5971	32.503
BRD27	58.0696	5.063957	85.129235	17778.48937	0.	15.5971	32.503
BRD28	58.0696	5.063957	85.129235	17778.48937	0.	15.5971	32.503
BRD29	58.0696	5.063957	85.129235	17778.48937	0.	15.5971	32.503
BRD3	58.0696	5.063957	85.129235	17778.48937	0.	15.5971	32.503
BRD30	58.0696	5.063957	85.129235	17778.48937	0.	15.5971	32.503
BRD31	58.0696	5.063957	85.129235	17778.48937	0.	15.5971	32.503
BRD32	58.0696	5.063957	85.129235	17778.48937	0.	15.5971	32.503
BRD33	58.0696	5.063957	85.129235	17778.48937	0.	15.5971	32.503
BRD34	58.0696	5.063957	85.129235	17778.48937	0.	15.5971	32.503
BRD35	58.0696	5.063957	85.129235	17778.48937	0.	15.5971	32.503
BRD36	58.0696	5.063957	85.129235	17778.48937	0.	15.5971	32.503
BRD37	58.0696	5.063957	85.129235	17778.48937	0.	15.5971	32.503
BRD38	59.2915	5.092675	89.850096	18736.59929	0.	15.6567	32.8456
BRD39	59.2915	5.092675	89.850096	18736.59929	0.	15.6567	32.8456
BRD4	58.0696	5.063957	85.129235	17778.48937	0.	15.5971	32.503
BRD40	58.0696	5.063957	85.129235	17778.48937	0.	15.5971	32.503
BRD41	58.0696	5.063957	85.129235	17778.48937	0.	15.5971	32.503
BRD42	58.0696	5.063957	85.129235	17778.48937	0.	15.5971	32.503
BRD43	58.0696	5.063957	85.129235	17778.48937	0.	15.5971	32.503

Table 20: Frame Section Properties 01 - General, Part 2 of 5

SectionName	Area	TorsConst	I33	I22	I23	AS2	AS3
	ft2	ft4	ft4	ft4	ft4	ft2	ft2
BRD44	58.0696	5.063957	85.129235	17778.48937	0.	15.5971	32.503
BRD45	58.0696	5.063957	85.129235	17778.48937	0.	15.5971	32.503
BRD46	58.0696	5.063957	85.129235	17778.48937	0.	15.5971	32.503
BRD47	58.0696	5.063957	85.129235	17778.48937	0.	15.5971	32.503
BRD48	58.0696	5.063957	85.129235	17778.48937	0.	15.5971	32.503
BRD49	58.0696	5.063957	85.129235	17778.48937	0.	15.5971	32.503
BRD5	58.0696	5.063957	85.129235	17778.48937	0.	15.5971	32.503
BRD50	58.0696	5.063957	85.129235	17778.48937	0.	15.5971	32.503
BRD51	58.0696	5.063957	85.129235	17778.48937	0.	15.5971	32.503
BRD52	58.0696	5.063957	85.129235	17778.48937	0.	15.5971	32.503
BRD53	58.0696	5.063957	85.129235	17778.48937	0.	15.5971	32.503
BRD54	63.1862	5.162368	100.782227	19688.4049	0.	18.1855	32.8934
BRD55	63.1862	5.162368	100.782227	19688.4049	0.	18.1855	32.8934
BRD56	65.1707	5.211265	108.182185	21244.4336	0.	18.3244	33.3598
BRD57	65.1707	5.211265	108.182185	21244.4336	0.	18.3244	33.3598
BRD58	63.1862	5.162368	100.782227	19688.4049	0.	18.1855	32.8934
BRD59	63.1862	5.162368	100.782227	19688.4049	0.	18.1855	32.8934
BRD6	58.0696	5.063957	85.129235	17778.48937	0.	15.5971	32.503
BRD60	63.1862	5.162368	100.782227	19688.4049	0.	18.1855	32.8934
BRD61	63.1862	5.162368	100.782227	19688.4049	0.	18.1855	32.8934
BRD62	63.1862	5.162368	100.782227	19688.4049	0.	18.1855	32.8934
BRD63	63.1862	5.162368	100.782227	19688.4049	0.	18.1855	32.8934
BRD64	63.1862	5.162368	100.782227	19688.4049	0.	18.1855	32.8934
BRD65	63.1862	5.162368	100.782227	19688.4049	0.	18.1855	32.8934
BRD66	63.1862	5.162368	100.782227	19688.4049	0.	18.1855	32.8934
BRD67	63.1862	5.162368	100.782227	19688.4049	0.	18.1855	32.8934
BRD68	63.1862	5.162368	100.782227	19688.4049	0.	18.1855	32.8934
BRD69	63.1862	5.162368	100.782227	19688.4049	0.	18.1855	32.8934
BRD7	58.0696	5.063957	85.129235	17778.48937	0.	15.5971	32.503
BRD70	63.1862	5.162368	100.782227	19688.4049	0.	18.1855	32.8934

Table 20: Frame Section Properties 01 - General, Part 2 of 5

SectionName	Area	TorsConst	I33	I22	I23	AS2	AS3
	ft2	ft4	ft4	ft4	ft4	ft2	ft2
BRD71	63.1862	5.162368	100.782227	19688.4049	0.	18.1855	32.8934
BRD72	63.1862	5.162368	100.782227	19688.4049	0.	18.1855	32.8934
BRD73	63.1862	5.162368	100.782227	19688.4049	0.	18.1855	32.8934
BRD74	63.1862	5.162368	100.782227	19688.4049	0.	18.1855	32.8934
BRD8	58.0696	5.063957	85.129235	17778.48937	0.	15.5971	32.503
BRD9	58.0696	5.063957	85.129235	17778.48937	0.	15.5971	32.503
C15x33.9	0.0692	0.000049	0.015191	0.000392	0.	0.0417	0.0307
Column Section	16.	36.053333	21.333333	21.333333	0.	13.3333	13.3333
FSEC1	0.0782	0.000152	0.00004	0.006487	0.	0.0651	0.0651
FSEC2	0.1715	0.000178	0.114294	0.004552	0.	0.0787	0.0804
FSEC3	0.0417	0.000013	0.006173	3.391E-06	0.	0.0347	0.0347
FSEC4	0.1129	0.000448	0.000121	0.009372	0.	0.0941	0.0941
FSEC5	0.026	8.277E-06	0.001507	2.119E-06	0.	0.0217	0.0217
FSEC6	0.106	0.000364	0.000097	0.009004	0.	0.0883	0.0883
FSEC7	0.0989	0.000299	0.00008	0.008349	0.	0.0825	0.0825
FSEC8	0.1625	0.001261	0.000351	0.013799	0.	0.1354	0.1354
Int Diaphragm Section	0.1099	0.000032	0.090903	0.001015	0.	0.0794	0.0267
Span 16_ext Girder							
Span 16_int Girder							
Span 17_ext Girder							
Span 17_int Girder							
Span 18_ext Girder							
Span 18_int Girder							
Span 19_ext Girder							
Span 19_int Girder							
W36x150	0.3069	0.000487	0.435957	0.013021	0.	0.1556	0.1303
W36x150 + CP 10x1/2	0.3733	0.001027	0.588059	0.018777	0.	0.1592	0.1882
W36x160	0.3264	0.000598	0.470197	0.014226	0.	0.1625	0.1417
W36x160 + CP 10x1/2	0.3921	0.001206	0.617774	0.019996	0.	0.1656	0.1996
W36x160 + CP 10x3/4	0.4268	0.001706	0.704973	0.022829	0.	0.1682	0.2279
W36x160 + CP 10x5/8	0.4095	0.001436	0.663446	0.021385	0.	0.1672	0.2135
W36x160 + CP 14x1	0.5177	0.002861	0.915978	0.041369	0.	0.1703	0.3037
W36x160 + CP 14x1.125	0.542	0.00342	0.976412	0.044126	0.	0.1714	0.3239
W36x160 + CP 14x7/8	0.4936	0.002369	0.856638	0.038628	0.	0.1692	0.2835
W36x170	0.3472	0.000728	0.506366	0.015432	0.	0.1708	0.1532

Table 20: Frame Section Properties 01 - General, Part 2 of 5

SectionName	Area	TorsConst	I33	I22	I23	AS2	AS3
	ft2	ft4	ft4	ft4	ft4	ft2	ft2
W36x170 + CP 14x1	0.5386	0.003192	0.954877	0.04294	0.	0.1788	0.3152
W36x170 + CP 14x1.125	0.5629	0.00379	1.015761	0.045697	0.	0.18	0.3354
W36x170 + CP 8x3/8	0.3858	0.001052	0.595533	0.01892	0.	0.1732	0.1878
W36x182	0.3722	0.000887	0.544946	0.016734	0.	0.1829	0.1649
W36x182 + CP14x3/4	0.5148	0.002495	0.877065	0.039045	0.	0.1888	0.2865
W36x194	0.3958	0.001071	0.583526	0.018084	0.	0.1939	0.1767
W36x194 + 10x13/16 CP	0.5054	0.002764	0.848214	0.027659	0.	0.201	0.2708
W36x230	0.4694	0.001379	0.72338	0.045332	0.	0.1895	0.2402
W36x260	0.5313	0.002001	0.834298	0.052566	0.	0.2115	0.2758
W36x280	0.5722	0.002537	0.911458	0.05787	0.	0.2244	0.3016
W36x280 + CP 12x1	0.7315	0.006234	1.274602	0.084321	0.	0.2312	0.4404
W36x300	0.6132	0.003096	0.978974	0.062693	0.	0.2411	0.3238
W36x300 + CP 10x7/16	0.7499	0.006468	1.280571	0.085925	0.	0.2456	0.4455
W36x300 + CP 14x1	0.7985	0.008198	1.399985	0.093723	0.	0.2484	0.486

Table 20: Frame Section Properties 01 - General, Part 3 of 5

Table 20: Frame Section Properties 01 - General, Part 3 of 5

SectionName	S33	S22	Z33	Z22	R33	R22
	ft3	ft3	ft3	ft3	ft	ft
Bent Cap	10.666667	10.666667	16.	16.	1.1547	1.1547
BRD1	31.751343	607.811603	54.436695	948.727234	1.21078	17.49738
BRD10	31.751343	607.811603	54.436695	948.727234	1.21078	17.49738
BRD11	31.751343	607.811603	54.436695	948.727234	1.21078	17.49738
BRD12	31.751343	607.811603	54.436695	948.727234	1.21078	17.49738
BRD13	31.751343	607.811603	54.436695	948.727234	1.21078	17.49738
BRD14	31.751343	607.811603	54.436695	948.727234	1.21078	17.49738
BRD15	31.751343	607.811603	54.436695	948.727234	1.21078	17.49738
BRD16	33.406059	640.567497	57.038712	989.60322	1.23101	17.77661
BRD17	33.406059	640.567497	57.038712	989.60322	1.23101	17.77661
BRD18	31.751343	607.811603	54.436695	948.727234	1.21078	17.49738
BRD19	31.751343	607.811603	54.436695	948.727234	1.21078	17.49738
BRD2	31.751343	607.811603	54.436695	948.727234	1.21078	17.49738
BRD20	31.751343	607.811603	54.436695	948.727234	1.21078	17.49738
BRD21	31.751343	607.811603	54.436695	948.727234	1.21078	17.49738

Table 20: Frame Section Properties 01 - General, Part 3 of 5

SectionName	S33	S22	Z33	Z22	R33	R22
	ft3	ft3	ft3	ft3	ft	ft
BRD22	31.751343	607.811603	54.436695	948.727234	1.21078	17.49738
BRD23	31.751343	607.811603	54.436695	948.727234	1.21078	17.49738
BRD24	31.751343	607.811603	54.436695	948.727234	1.21078	17.49738
BRD25	31.751343	607.811603	54.436695	948.727234	1.21078	17.49738
BRD26	31.751343	607.811603	54.436695	948.727234	1.21078	17.49738
BRD27	31.751343	607.811603	54.436695	948.727234	1.21078	17.49738
BRD28	31.751343	607.811603	54.436695	948.727234	1.21078	17.49738
BRD29	31.751343	607.811603	54.436695	948.727234	1.21078	17.49738
BRD3	31.751343	607.811603	54.436695	948.727234	1.21078	17.49738
BRD30	31.751343	607.811603	54.436695	948.727234	1.21078	17.49738
BRD31	31.751343	607.811603	54.436695	948.727234	1.21078	17.49738
BRD32	31.751343	607.811603	54.436695	948.727234	1.21078	17.49738
BRD33	31.751343	607.811603	54.436695	948.727234	1.21078	17.49738
BRD34	31.751343	607.811603	54.436695	948.727234	1.21078	17.49738
BRD35	31.751343	607.811603	54.436695	948.727234	1.21078	17.49738
BRD36	31.751343	607.811603	54.436695	948.727234	1.21078	17.49738
BRD37	31.751343	607.811603	54.436695	948.727234	1.21078	17.49738
BRD38	33.406059	640.567497	57.038712	989.60322	1.23101	17.77661
BRD39	33.406059	640.567497	57.038712	989.60322	1.23101	17.77661
BRD4	31.751343	607.811603	54.436695	948.727234	1.21078	17.49738
BRD40	31.751343	607.811603	54.436695	948.727234	1.21078	17.49738
BRD41	31.751343	607.811603	54.436695	948.727234	1.21078	17.49738
BRD42	31.751343	607.811603	54.436695	948.727234	1.21078	17.49738
BRD43	31.751343	607.811603	54.436695	948.727234	1.21078	17.49738
BRD44	31.751343	607.811603	54.436695	948.727234	1.21078	17.49738
BRD45	31.751343	607.811603	54.436695	948.727234	1.21078	17.49738
BRD46	31.751343	607.811603	54.436695	948.727234	1.21078	17.49738
BRD47	31.751343	607.811603	54.436695	948.727234	1.21078	17.49738
BRD48	31.751343	607.811603	54.436695	948.727234	1.21078	17.49738
BRD49	31.751343	607.811603	54.436695	948.727234	1.21078	17.49738

Table 20: Frame Section Properties 01 - General, Part 3 of 5

SectionName	S33	S22	Z33	Z22	R33	R22
	ft3	ft3	ft3	ft3	ft	ft
BRD5	31.751343	607.811603	54.436695	948.727234	1.21078	17.49738
BRD50	31.751343	607.811603	54.436695	948.727234	1.21078	17.49738
BRD51	31.751343	607.811603	54.436695	948.727234	1.21078	17.49738
BRD52	31.751343	607.811603	54.436695	948.727234	1.21078	17.49738
BRD53	31.751343	607.811603	54.436695	948.727234	1.21078	17.49738
BRD54	38.646504	673.10786	64.975078	1052.219594	1.26293	17.65201
BRD55	38.646504	673.10786	64.975078	1052.219594	1.26293	17.65201
BRD56	41.167696	726.305422	68.935953	1118.604503	1.2884	18.05495
BRD57	41.167696	726.305422	68.935953	1118.604503	1.2884	18.05495
BRD58	38.646504	673.10786	64.975078	1052.219594	1.26293	17.65201
BRD59	38.646504	673.10786	64.975078	1052.219594	1.26293	17.65201
BRD6	31.751343	607.811603	54.436695	948.727234	1.21078	17.49738
BRD60	38.646504	673.10786	64.975078	1052.219594	1.26293	17.65201
BRD61	38.646504	673.10786	64.975078	1052.219594	1.26293	17.65201
BRD62	38.646504	673.10786	64.975078	1052.219594	1.26293	17.65201
BRD63	38.646504	673.10786	64.975078	1052.219594	1.26293	17.65201
BRD64	38.646504	673.10786	64.975078	1052.219594	1.26293	17.65201
BRD65	38.646504	673.10786	64.975078	1052.219594	1.26293	17.65201
BRD66	38.646504	673.10786	64.975078	1052.219594	1.26293	17.65201
BRD67	38.646504	673.10786	64.975078	1052.219594	1.26293	17.65201
BRD68	38.646504	673.10786	64.975078	1052.219594	1.26293	17.65201
BRD69	38.646504	673.10786	64.975078	1052.219594	1.26293	17.65201
BRD7	31.751343	607.811603	54.436695	948.727234	1.21078	17.49738
BRD70	38.646504	673.10786	64.975078	1052.219594	1.26293	17.65201
BRD71	38.646504	673.10786	64.975078	1052.219594	1.26293	17.65201
BRD72	38.646504	673.10786	64.975078	1052.219594	1.26293	17.65201
BRD73	38.646504	673.10786	64.975078	1052.219594	1.26293	17.65201
BRD74	38.646504	673.10786	64.975078	1052.219594	1.26293	17.65201
BRD8	31.751343	607.811603	54.436695	948.727234	1.21078	17.49738
BRD9	31.751343	607.811603	54.436695	948.727234	1.21078	17.49738

Table 20: Frame Section Properties 01 - General, Part 3 of 5

SectionName	S33	S22	Z33	Z22	R33	R22
	ft3	ft3	ft3	ft3	ft	ft
C15x33.9	0.024306	0.001801	0.029167	0.003605	0.46865	0.07529
Column Section	10.666667	10.666667	16.	16.	1.1547	1.1547
FSEC1	0.001021	0.013001	0.001531	0.019502	0.02261	0.28807
FSEC2	0.11382	0.012113	0.12963	0.018866	0.81629	0.16291
FSEC3	0.009259	0.000217	0.013889	0.000326	0.3849	0.00902
FSEC4	0.00213	0.018783	0.003195	0.028174	0.03267	0.28807
FSEC5	0.003617	0.000136	0.005425	0.000203	0.24056	0.00902
FSEC6	0.001855	0.017837	0.002783	0.026756	0.03031	0.29144
FSEC7	0.001622	0.016594	0.002432	0.024892	0.02839	0.29048
FSEC8	0.004357	0.027336	0.006536	0.041004	0.04645	0.29144
Int Diaphragm Section	0.07153	0.003305	0.088745	0.005534	0.90965	0.09614
Span 16_ext Girder						
Span 16_int Girder						
Span 17_ext Girder						
Span 17_int Girder						
Span 18_ext Girder						
Span 18_int Girder						
Span 19_ext Girder						
Span 19_int Girder						
W36x150	0.291854	0.026096	0.336227	0.04103	1.19177	0.20596
W36x150 + CP 10x1/2	0.384719	0.037632	0.436797	0.058268	1.25511	0.22428
W36x160	0.313377	0.028453	0.361111	0.044734	1.20025	0.20878
W36x160 + CP 10x1/2	0.404181	0.039991	0.459217	0.061942	1.25519	0.22582
W36x160 + CP 10x3/4	0.454186	0.045658	0.514335	0.070451	1.28515	0.23127
W36x160 + CP 10x5/8	0.429832	0.042769	0.487506	0.066118	1.27284	0.22852
W36x160 + CP 14x1	0.582822	0.070918	0.652754	0.108357	1.33012	0.28267
W36x160 + CP 14x1.125	0.617185	0.075644	0.69108	0.115446	1.34215	0.28532
W36x160 + CP 14x7/8	0.548705	0.066218	0.614916	0.10131	1.31733	0.27974
W36x170	0.335991	0.030787	0.386574	0.048495	1.20761	0.21082
W36x170 + CP 14x1	0.60531	0.073611	0.679478	0.112579	1.33149	0.28235
W36x170 + CP 14x1.125	0.639682	0.078337	0.717947	0.119668	1.34331	0.28492
W36x170 + CP 8x3/8	0.389779	0.037745	0.44524	0.058762	1.24241	0.22145
W36x182	0.359997	0.03326	0.415509	0.052488	1.20997	0.21203
W36x182 + CP14x3/4	0.561247	0.066935	0.632931	0.102852	1.30526	0.2754
W36x194	0.383794	0.035826	0.443866	0.056539	1.21415	0.21375
W36x194 + 10x13/16 CP	0.538108	0.054793	0.613732	0.084884	1.29552	0.23394
W36x230	0.483596	0.066057	0.545718	0.101852	1.24134	0.31075

Table 20: Frame Section Properties 01 - General, Part 3 of 5

SectionName	S33	S22	Z33	Z22	R33	R22
	ft3	ft3	ft3	ft3	ft	ft
W36x260	0.55221	0.076228	0.625	0.118056	1.25317	0.31456
W36x280	0.598987	0.083693	0.677083	0.129051	1.26208	0.31801
W36x280 + CP 12x1	0.81323	0.121946	0.917536	0.186462	1.32002	0.33952
W36x300	0.639504	0.090341	0.729167	0.139468	1.26353	0.31975
W36x300 + CP 10x7/16	0.821055	0.123819	0.929467	0.189727	1.30678	0.3385
W36x300 + CP 14x1	0.887682	0.135056	1.005623	0.206582	1.32414	0.34261

Table 20: Frame Section Properties 01 - General, Part 4 of 5

Table 20: Frame Section Properties 01 - General, Part 4 of 5

SectionName	EccV2	AMod	A2Mod	A3Mod	JMod	I2Mod	I3Mod	MMod
	ft							
Bent Cap		1.	1.	1.	1.	1.	1.	1.
BRD1		1.	1.	1.	1.	1.	1.	0.747969
BRD10		1.	1.	1.	1.	1.	1.	0.747969
BRD11		1.	1.	1.	1.	1.	1.	0.747969
BRD12		1.	1.	1.	1.	1.	1.	0.747969
BRD13		1.	1.	1.	1.	1.	1.	0.747969
BRD14		1.	1.	1.	1.	1.	1.	0.747969
BRD15		1.	1.	1.	1.	1.	1.	0.747969
BRD16		1.	1.	1.	1.	1.	1.	0.739041
BRD17		1.	1.	1.	1.	1.	1.	0.739041
BRD18		1.	1.	1.	1.	1.	1.	0.747969
BRD19		1.	1.	1.	1.	1.	1.	0.747969
BRD2		1.	1.	1.	1.	1.	1.	0.747969
BRD20		1.	1.	1.	1.	1.	1.	0.747969
BRD21		1.	1.	1.	1.	1.	1.	0.747969
BRD22		1.	1.	1.	1.	1.	1.	0.747969
BRD23		1.	1.	1.	1.	1.	1.	0.747969
BRD24		1.	1.	1.	1.	1.	1.	0.747969
BRD25		1.	1.	1.	1.	1.	1.	0.747969
BRD26		1.	1.	1.	1.	1.	1.	0.747969
BRD27		1.	1.	1.	1.	1.	1.	0.747969
BRD28		1.	1.	1.	1.	1.	1.	0.747969
BRD29		1.	1.	1.	1.	1.	1.	0.747969
BRD3		1.	1.	1.	1.	1.	1.	0.747969
BRD30		1.	1.	1.	1.	1.	1.	0.747969
BRD31		1.	1.	1.	1.	1.	1.	0.747969
BRD32		1.	1.	1.	1.	1.	1.	0.747969
BRD33		1.	1.	1.	1.	1.	1.	0.747969
BRD34		1.	1.	1.	1.	1.	1.	0.747969
BRD35		1.	1.	1.	1.	1.	1.	0.747969
BRD36		1.	1.	1.	1.	1.	1.	0.747969
BRD37		1.	1.	1.	1.	1.	1.	0.747969
BRD38		1.	1.	1.	1.	1.	1.	0.739041
BRD39		1.	1.	1.	1.	1.	1.	0.739041
BRD4		1.	1.	1.	1.	1.	1.	0.747969
BRD40		1.	1.	1.	1.	1.	1.	0.747969
BRD41		1.	1.	1.	1.	1.	1.	0.747969
BRD42		1.	1.	1.	1.	1.	1.	0.747969
BRD43		1.	1.	1.	1.	1.	1.	0.747969

Table 20: Frame Section Properties 01 - General, Part 4 of 5

SectionName	EccV2	AMod	A2Mod	A3Mod	JMod	I2Mod	I3Mod	MMod
	ft							
BRD44		1.	1.	1.	1.	1.	1.	0.747969
BRD45		1.	1.	1.	1.	1.	1.	0.747969
BRD46		1.	1.	1.	1.	1.	1.	0.747969
BRD47		1.	1.	1.	1.	1.	1.	0.747969
BRD48		1.	1.	1.	1.	1.	1.	0.747969
BRD49		1.	1.	1.	1.	1.	1.	0.747969
BRD5		1.	1.	1.	1.	1.	1.	0.747969
BRD50		1.	1.	1.	1.	1.	1.	0.747969
BRD51		1.	1.	1.	1.	1.	1.	0.747969
BRD52		1.	1.	1.	1.	1.	1.	0.747969
BRD53		1.	1.	1.	1.	1.	1.	0.747969
BRD54		1.	1.	1.	1.	1.	1.	0.714216
BRD55		1.	1.	1.	1.	1.	1.	0.714216
BRD56		1.	1.	1.	1.	1.	1.	0.702053
BRD57		1.	1.	1.	1.	1.	1.	0.702053
BRD58		1.	1.	1.	1.	1.	1.	0.714216
BRD59		1.	1.	1.	1.	1.	1.	0.714216
BRD6		1.	1.	1.	1.	1.	1.	0.747969
BRD60		1.	1.	1.	1.	1.	1.	0.714216
BRD61		1.	1.	1.	1.	1.	1.	0.714216
BRD62		1.	1.	1.	1.	1.	1.	0.714216
BRD63		1.	1.	1.	1.	1.	1.	0.714216
BRD64		1.	1.	1.	1.	1.	1.	0.714216
BRD65		1.	1.	1.	1.	1.	1.	0.714216
BRD66		1.	1.	1.	1.	1.	1.	0.714216
BRD67		1.	1.	1.	1.	1.	1.	0.714216
BRD68		1.	1.	1.	1.	1.	1.	0.714216
BRD69		1.	1.	1.	1.	1.	1.	0.714216
BRD7		1.	1.	1.	1.	1.	1.	0.747969
BRD70		1.	1.	1.	1.	1.	1.	0.714216
BRD71		1.	1.	1.	1.	1.	1.	0.714216
BRD72		1.	1.	1.	1.	1.	1.	0.714216
BRD73		1.	1.	1.	1.	1.	1.	0.714216
BRD74		1.	1.	1.	1.	1.	1.	0.714216
BRD8		1.	1.	1.	1.	1.	1.	0.747969
BRD9		1.	1.	1.	1.	1.	1.	0.747969
C15x33.9	0.13921	1.	1.	1.	1.	1.	1.	1.
Column Section		1.	1.	1.	1.	1.	1.	1.
FSEC1		1.	1.	1.	1.	1.	1.	1.
FSEC2		10.	10.	10.	10.	10.	10.	1.
FSEC3		1.	1.	1.	1.	1.	1.	1.
FSEC4		1.	1.	1.	1.	1.	1.	1.
FSEC5		1.	1.	1.	1.	1.	1.	1.
FSEC6		1.	1.	1.	1.	1.	1.	1.
FSEC7		1.	1.	1.	1.	1.	1.	1.
FSEC8		1.	1.	1.	1.	1.	1.	1.
Int Diaphragm Section		1.	1.	1.	1.	1.	1.	1.
Span 16_ext Girder								
Span 16_int Girder								
Span 17_ext Girder								

Table 20: Frame Section Properties 01 - General, Part 4 of 5

SectionName	EccV2 ft	AMod	A2Mod	A3Mod	JMod	I2Mod	I3Mod	MMod
Span 17_int Girder								
Span 18_ext Girder								
Span 18_int Girder								
Span 19_ext Girder								
Span 19_int Girder								
W36x150		1.	1.	1.	1.	1.	1.	1.
W36x150 + CP 10x1/2		1.	1.	1.	1.	1.	1.	1.
W36x160		1.	1.	1.	1.	1.	1.	1.
W36x160 + CP 10x1/2		1.	1.	1.	1.	1.	1.	1.
W36x160 + CP 10x3/4		1.	1.	1.	1.	1.	1.	1.
W36x160 + CP 10x5/8		1.	1.	1.	1.	1.	1.	1.
W36x160 + CP 14x1		1.	1.	1.	1.	1.	1.	1.
W36x160 + CP 14x1.125		1.	1.	1.	1.	1.	1.	1.
W36x160 + CP 14x7/8		1.	1.	1.	1.	1.	1.	1.
W36x170		1.	1.	1.	1.	1.	1.	1.
W36x170 + CP 14x1		1.	1.	1.	1.	1.	1.	1.
W36x170 + CP 14x1.125		1.	1.	1.	1.	1.	1.	1.
W36x170 + CP 8x3/8		1.	1.	1.	1.	1.	1.	1.
W36x182		1.	1.	1.	1.	1.	1.	1.
W36x182 + CP14x3/4		1.	1.	1.	1.	1.	1.	1.
W36x194		1.	1.	1.	1.	1.	1.	1.
W36x194 + 10x13/16 CP		1.	1.	1.	1.	1.	1.	1.
W36x230		1.	1.	1.	1.	1.	1.	1.
W36x260		1.	1.	1.	1.	1.	1.	1.
W36x280		1.	1.	1.	1.	1.	1.	1.
W36x280 + CP 12x1		1.	1.	1.	1.	1.	1.	1.
W36x300		1.	1.	1.	1.	1.	1.	1.
W36x300 + CP 10x7/16		1.	1.	1.	1.	1.	1.	1.
W36x300 + CP 14x1		1.	1.	1.	1.	1.	1.	1.

Table 20: Frame Section Properties 01 - General, Part 5 of 5

Table 20: Frame Section Properties 01 - General, Part 5 of 5

SectionName	WMod
Bent Cap	1.
BRD1	0.747969
BRD10	0.747969
BRD11	0.747969
BRD12	0.747969
BRD13	0.747969
BRD14	0.747969
BRD15	0.747969
BRD16	0.739041
BRD17	0.739041
BRD18	0.747969
BRD19	0.747969
BRD2	0.747969
BRD20	0.747969
BRD21	0.747969
BRD22	0.747969
BRD23	0.747969
BRD24	0.747969
BRD25	0.747969
BRD26	0.747969
BRD27	0.747969
BRD28	0.747969
BRD29	0.747969
BRD3	0.747969
BRD30	0.747969
BRD31	0.747969
BRD32	0.747969
BRD33	0.747969
BRD34	0.747969
BRD35	0.747969
BRD36	0.747969
BRD37	0.747969
BRD38	0.739041
BRD39	0.739041
BRD4	0.747969
BRD40	0.747969
BRD41	0.747969
BRD42	0.747969
BRD43	0.747969
BRD44	0.747969
BRD45	0.747969
BRD46	0.747969
BRD47	0.747969
BRD48	0.747969
BRD49	0.747969
BRD5	0.747969
BRD50	0.747969
BRD51	0.747969
BRD52	0.747969
BRD53	0.747969
BRD54	0.714216

Table 20: Frame Section Properties 01 - General, Part 5 of 5

SectionName	WMod
BRD55	0.714216
BRD56	0.702053
BRD57	0.702053
BRD58	0.714216
BRD59	0.714216
BRD6	0.747969
BRD60	0.714216
BRD61	0.714216
BRD62	0.714216
BRD63	0.714216
BRD64	0.714216
BRD65	0.714216
BRD66	0.714216
BRD67	0.714216
BRD68	0.714216
BRD69	0.714216
BRD7	0.747969
BRD70	0.714216
BRD71	0.714216
BRD72	0.714216
BRD73	0.714216
BRD74	0.714216
BRD8	0.747969
BRD9	0.747969
C15x33.9	1.
Column Section	1.
FSEC1	1.
FSEC2	1.
FSEC3	1.
FSEC4	1.
FSEC5	1.
FSEC6	1.
FSEC7	1.
FSEC8	1.
Int Diaphragm Section	1.
Span 16_ext Girder	
Span 16_int Girder	
Span 17_ext Girder	
Span 17_int Girder	
Span 18_ext Girder	
Span 18_int Girder	
Span 19_ext Girder	
Span 19_int Girder	
W36x150	1.

Table 20: Frame Section Properties 01 - General, Part 5 of 5

SectionName	WMod
W36x150 + CP 10x1/2	1.
W36x160	1.
W36x160 + CP 10x1/2	1.
W36x160 + CP 10x3/4	1.
W36x160 + CP 10x5/8	1.
W36x160 + CP 14x1	1.
W36x160 + CP 14x1.125	1.
W36x160 + CP 14x7/8	1.
W36x170	1.
W36x170 + CP 14x1	1.
W36x170 + CP 14x1.125	1.
W36x170 + CP 8x3/8	1.
W36x182	1.
W36x182 + CP14x3/4	1.
W36x194	1.
W36x194 + 10x13/16 CP	1.
W36x230	1.
W36x260	1.
W36x280	1.
W36x280 + CP 12x1	1.
W36x300	1.
W36x300 + CP 10x7/16	1.
W36x300 + CP 14x1	1.

Table 21: Frame Section Properties 02 - Concrete Column, Part 1 of 2

Table 21: Frame Section Properties 02 - Concrete Column, Part 1 of 2

SectionName	RebarMatL	RebarMatC	ReinfConfig	LatReinf	Cover	NumBars3Dir	NumBars2Dir
					ft		
Bent Cap	A615Gr60	A615Gr60	Rectangular	Ties	0.125	3	3
Column Section	A615Gr60	A615Gr60	Rectangular	Ties	0.125	3	3

Table 21: Frame Section Properties 02 - Concrete Column, Part 2 of 2

Table 21: Frame Section Properties 02 - Concrete Column, Part 2 of 2

SectionName	BarSizeL	BarSizeC	SpacingC	NumCBars2	NumCBars3
			ft		
Bent Cap	#9	#4	0.5	3	3
Column Section	#9	#4	0.5	3	3

Table 22: Frame Section Properties 05 - Nonprismatic

Table 22: Frame Section Properties 05 - Nonprismatic

SectionName	SegmentNum	StartSect	EndSect	AbsLength	VarLength	EI33Var	EI22Var
				ft			
Span 16_ext Girder	1	W36x150	W36x150	40.02		Linear	Linear
Span 16_ext Girder	2	W36x150 + CP 10x1/2	W36x150 + CP 10x1/2	5.6		Linear	Linear
Span 16_int Girder	1	W36x150	W36x150	45.63		Linear	Linear
Span 17_ext Girder	1	W36x150 + CP 10x1/2	W36x150 + CP 10x1/2	5.		Linear	Linear
Span 17_ext Girder	2	W36x150	W36x150	57.583		Linear	Linear
Span 17_ext Girder	3	W36x150 + CP 10x1/2	W36x150 + CP 10x1/2	4.5		Linear	Linear
Span 17_int Girder	1	W36x150	W36x150	67.08		Linear	Linear
Span 18_ext Girder	1	W36x150 + CP 10x1/2	W36x150 + CP 10x1/2	4.5		Linear	Linear
Span 18_ext Girder	2	W36x150	W36x150	41.5		Linear	Linear
Span 18_ext Girder	3	W36x194	W36x194	6.		Linear	Linear
Span 18_ext Girder	4	W36x194 + 10x13/16 CP	W36x194 + 10x13/16 CP	5.5		Linear	Linear
Span 18_int Girder	1	W36x150	W36x150	46.		Linear	Linear
Span 18_int Girder	2	W36x182	W36x182	11.5		Linear	Linear
Span 19_ext Girder	1	W36x194 + 10x13/16 CP	W36x194 + 10x13/16 CP	6.		Linear	Linear
Span 19_ext Girder	2	W36x194	W36x194	52.06		Linear	Linear
Span 19_int Girder	1	W36x182	W36x182	58.06		Linear	Linear

3.2. Areas

Table 23: Area Section Properties, Part 1 of 3

Table 23: Area Section Properties, Part 1 of 3

Section	Material	AreaType	Type	DrillDOF	Thickness	BendThick	F11Mod
					ft	ft	
ASEC1	3000Psi	Shell	Shell-Thin	Yes	1.	1.	1.

Table 23: Area Section Properties, Part 1 of 3

Section	Material	AreaType	Type	DrillDOF	Thickness	BendThick	F11Mod
					ft	ft	
ASEC2	Grade 33	Shell	Shell-Thin	Yes	1.	1.	1.

Table 23: Area Section Properties, Part 2 of 3

Table 23: Area Section Properties, Part 2 of 3

Section	F22Mod	F12Mod	M11Mod	M22Mod	M12Mod	V13Mod	V23Mod
ASEC1	1.	1.	1.	1.	1.	1.	1.
ASEC2	1.	1.	1.	1.	1.	1.	1.

Table 23: Area Section Properties, Part 3 of 3

Table 23: Area Section Properties, Part 3 of 3

Section	MMod	WMod
ASEC1	1.	1.
ASEC2	1.	1.

3.3. Solids

Table 24: Solid Property Definitions

Table 24: Solid Property Definitions

SolidProp	Material	MatAngleA	MatAngleB	MatAngleC
		Degrees	Degrees	Degrees
Solid1	4000Psi	0.	0.	0.

4. Loading

This section provides loading information as applied to the model.

4.1. Load patterns

Table 25: Load Pattern Definitions

Table 25: Load Pattern Definitions

LoadPat	DesignType	SelfWtMult	AutoLoad
Dead Load	Dead	1.	
SIP	Dead	0.	
Utility	Dead	0.	
Haunch	Dead	0.	
Barrier	Dead	0.	
Sidewalk	Dead	0.	
SIPForm	Dead	0.	

Table 25: Load Pattern Definitions

LoadPat	DesignType	SelfWtMult	AutoLoad
ConcPour Permanent	Dead	0.	
DW	Wearing Surface	0.	
Temperature Pos	Temperature	0.	
Temperature Neg	Temperature	0.	
ConcPour Temporary	Construction	0.	

4.2. Vehicles

Table 26: Vehicles 2 - General Vehicles 1 - General, Part 1 of 6

Table 26: Vehicles 2 - General Vehicles 1 - General, Part 1 of 6

VehName	FromLibrary	LibraryName	FltAxleFac	AxleFac	UnifFac	SupportMom	IntSupport
Annual Permit 1	No	User Defined	1.	1.	1.	Yes	Yes
Annual Permit 2	No	User Defined	1.	1.	1.	Yes	Yes
EV2	No	User Defined	1.	1.	1.	Yes	Yes
EV3	No	User Defined	1.	1.	1.	Yes	Yes
Gravel Truck	No	User Defined	1.	1.	1.	Yes	Yes
HL-93	No	User Defined	1.	1.	1.	Yes	Yes
HS-20	No	User Defined	1.	1.	1.	Yes	Yes
HS-15	No	User Defined	1.	1.	1.	Yes	Yes
Lane	No	User Defined	1.	1.	1.	Yes	Yes
Neg - EV3	No	User Defined	1.	0.75	1.	Yes	No
Overweight Permit	No	User Defined	1.	1.	1.	Yes	Yes
SU-4	No	User Defined	1.	1.	1.	Yes	Yes
SU-5	No	User Defined	1.	1.	1.	Yes	Yes
SU-6	No	User Defined	1.	1.	1.	Yes	Yes
SU-7	No	User Defined	1.	1.	1.	Yes	Yes
Type 3-3	No	User Defined	1.	1.	1.	Yes	Yes
Type 3	No	User Defined	1.	1.	1.	Yes	Yes
Type 3S2	No	User Defined	1.	1.	1.	Yes	Yes
Type 3-3+Lane(200plf)	No	User Defined	1.	0.75	1.	Yes	Yes

Table 26: Vehicles 2 - General Vehicles 1 - General, Part 2 of 6

Table 26: Vehicles 2 - General Vehicles 1 - General, Part 2 of 6

VehName	OtherResp	AxleMom	AxleMType	AxleMWidth	AxleMDbl	AxleOther	AxleOType
		Kip		ft		Kip	
Annual Permit 1	Yes	0.	One Point		No	0.	One Point
Annual Permit 2	Yes	0.	One Point		No	0.	One Point
EV2	Yes	0.	One Point		No	0.	One Point
EV3	Yes	0.	One Point		No	0.	One Point
Gravel Truck	Yes	0.	One Point		No	0.	One Point
HL-93	Yes	0.	One Point		No	0.	One Point
HS-20	Yes	0.	One Point		No	0.	One Point
HS-15	Yes	0.	One Point		No	0.	One Point

Table 26: Vehicles 2 - General Vehicles 1 - General, Part 2 of 6

VehName	OtherResp	AxleMom	AxleMType	AxleMWidth	AxleMDbl	AxleOther	AxleOType
		Kip		ft		Kip	
Lane	Yes	0.	One Point		No	0.	One Point
Neg - EV3	No	0.	One Point		No	0.	One Point
Overweight Permit	Yes	0.	One Point		No	0.	One Point
SU-4	Yes	0.	One Point		No	0.	One Point
SU-5	Yes	0.	One Point		No	0.	One Point
SU-6	Yes	0.	One Point		No	0.	One Point
SU-7	Yes	0.	One Point		No	0.	One Point
Type 3-3	Yes	0.	One Point		No	0.	One Point
Type 3	Yes	0.	One Point		No	0.	One Point
Type 3S2	Yes	0.	One Point		No	0.	One Point
Type 3-3+Lane(200plf)	Yes	0.	One Point		No	0.	One Point

Table 26: Vehicles 2 - General Vehicles 1 - General, Part 3 of 6

Table 26: Vehicles 2 - General Vehicles 1 - General, Part 3 of 6

VehName	AxleOWidth	LEffAxle	LEffUnif	ForStraddle	StraddleFac	NumInter	MinExtDist
	ft						ft
Annual Permit 1		User	None	No		8	0.
Annual Permit 2		User	None	No		8	0.
EV2		User	None	No		2	0.
EV3		User	None	No		3	0.
Gravel Truck		User	None	No		4	0.
HL-93		User	None	No		4	0.
HS-20		User	None	No		3	0.
HS-15		User	None	No		3	0.
Lane		None	None	No		1	0.
Neg - EV3		User	None	No		7	0.
Overweight Permit		User	None	No		13	0.
SU-4		User	None	No		4	0.
SU-5		User	None	No		5	0.
SU-6		User	None	No		6	0.
SU-7		User	None	No		7	0.
Type 3-3		User	None	No		6	0.
Type 3		User	None	No		4	0.
Type 3S2		User	None	No		5	0.
Type 3-3+Lane(200plf)		User	None	No		7	0.

Table 26: Vehicles 2 - General Vehicles 1 - General, Part 4 of 6

Table 26: Vehicles 2 - General Vehicles 1 - General, Part 4 of 6

VehName	MinIntDist	StayInLane	CGHTAxle	CGHTUnif	Notes	AdjustSuper
	ft		ft	ft		
Annual Permit 1	0.	No	0.	0.		No
Annual Permit 2	0.	No	0.	0.		No
EV2	0.	No	0.	0.		No
EV3	0.	No	0.	0.		No
Gravel Truck	0.	No	0.	0.		No
HL-93	0.	No	0.	0.		No
HS-20	0.	No	0.	0.		No
HS-15	0.	No	0.	0.		No
Lane	0.	No	0.	0.		No

Table 26: Vehicles 2 - General Vehicles 1 - General, Part 4 of 6

VehName	MinIntDist	StayInLane	CGHTAxle	CGHTUnif	Notes	AdjustSuper
	ft		ft	ft		
Neg - EV3	0.	No	0.	0.		No
Overweight Permit	0.	No	0.	0.		No
SU-4	0.	No	0.	0.		No
SU-5	0.	No	0.	0.		No
SU-6	0.	No	0.	0.		No
SU-7	0.	No	0.	0.		No
Type 3-3	0.	No	0.	0.		No
Type 3	0.	No	0.	0.		No
Type 3S2	0.	No	0.	0.		No
Type 3-3+Lane(200plf)	0.	No	0.	0.		No

Table 26: Vehicles 2 - General Vehicles 1 - General, Part 5 of 6

Table 26: Vehicles 2 - General Vehicles 1 - General, Part 5 of 6

VehName	IgnoreVert	Centrifugal	CenScaleOpt	CenVelocity	CenAxleSF	CenUnifSF	CenOverturn
				ft/sec			
Annual Permit 1	No	Yes	Velocity	102.67	1.	0.	No
Annual Permit 2	No	Yes	Velocity	102.67	1.	0.	No
EV2	No	Yes	Velocity	102.67	1.	0.	No
EV3	No	Yes	Velocity	102.67	1.	0.	Yes
Gravel Truck	No	Yes	Velocity	102.67	1.	0.	No
HL-93	No	Yes	Velocity	102.67	1.	0.	No
HS-20	No	Yes	Velocity	102.67	1.	0.	No
HS-15	No	Yes	Velocity	8.556	1.	0.	No
Lane	No	Yes	Velocity	102.67	1.	0.	No
Neg - EV3	No	Yes	Velocity	102.67	1.	0.	Yes
Overweight Permit	No	Yes	Velocity	8.556	1.	0.	No
SU-4	No	Yes	Velocity	102.67	1.	0.	No
SU-5	No	Yes	Velocity	102.67	1.	0.	No
SU-6	No	Yes	Velocity	102.67	1.	0.	No
SU-7	No	Yes	Velocity	102.67	1.	0.	No
Type 3-3	No	Yes	Velocity	102.67	1.	0.	No
Type 3	No	Yes	Velocity	102.67	1.	0.	No
Type 3S2	No	Yes	Velocity	102.67	1.	0.	No
Type 3-3+Lane(200plf)	No	Yes	Velocity	102.67	1.	0.	No

Table 26: Vehicles 2 - General Vehicles 1 - General, Part 6 of 6

Table 26: Vehicles 2 - General Vehicles 1 - General, Part 6 of 6

VehName	Braking	NosingForce	DesignType
		Kip	
Annual Permit 1	No	0.	Permit Veh Live
Annual Permit 2	No	0.	Permit Veh Live
EV2	No	0.	Permit Veh Live
EV3	No	0.	Permit Veh Live
Gravel Truck	No	0.	Permit Veh Live
HL-93	No	0.	Vehicle Live
HS-20	No	0.	Vehicle Live
HS-15	No	0.	Vehicle Live

Table 26: Vehicles 2 - General Vehicles 1 - General, Part 6 of 6

VehName	Braking	NosingForce Kip	DesignType
Lane	No	0.	Vehicle Live
Neg - EV3	No	0.	Vehicle Live
Overweight Permit	No	0.	Permit Veh Live
SU-4	No	0.	Vehicle Live
SU-5	No	0.	Vehicle Live
SU-6	No	0.	Vehicle Live
SU-7	No	0.	Vehicle Live
Type 3-3	No	0.	Vehicle Live
Type 3	No	0.	Vehicle Live
Type 3S2	No	0.	Vehicle Live
Type 3-3+Lane(200plf)	No	0.	Vehicle Live

Table 27: Vehicles 3 - General Vehicles 2 - Loads, Part 1 of 2

Table 27: Vehicles 3 - General Vehicles 2 - Loads, Part 1 of 2

VehName	LoadType	InterUnif Kip/ft	UnifType	UnifWidth ft	InterAxle Kip	AxleType	AxleWidth ft	InterMinD ft
Annual Permit 1	Leading Load	0.	Fixed Width	1.	13.	Two Points	6.	
Annual Permit 1	Fixed Length	0.	Fixed Width	1.	20.	Two Points	6.	12.
Annual Permit 1	Fixed Length	0.	Fixed Width	1.	20.	Two Points	6.	4.5
Annual Permit 1	Fixed Length	0.	Fixed Width	1.	20.	Two Points	6.	4.5
Annual Permit 1	Fixed Length	0.	Fixed Width	1.	23.	Two Points	6.	30.
Annual Permit 1	Fixed Length	0.	Fixed Width	1.	23.	Two Points	6.	4.5
Annual Permit 1	Fixed Length	0.	Fixed Width	1.	23.	Two Points	6.	14.
Annual Permit 1	Fixed Length	0.	Fixed Width	1.	23.	Two Points	6.	4.5
Annual Permit 2	Leading Load	0.	Fixed Width	1.	13.	Two Points	6.	
Annual Permit 2	Fixed Length	0.	Fixed Width	1.	20.	Two Points	6.	12.
Annual Permit 2	Fixed Length	0.	Fixed Width	1.	20.	Two Points	6.	4.5
Annual Permit 2	Fixed Length	0.	Fixed Width	1.	20.	Two Points	6.	4.5
Annual Permit 2	Fixed Length	0.	Fixed Width	1.	23.	Two Points	6.	15.
Annual Permit 2	Fixed Length	0.	Fixed Width	1.	23.	Two Points	6.	4.5
Annual Permit 2	Fixed Length	0.	Fixed Width	1.	23.	Two Points	6.	14.
Annual Permit 2	Fixed Length	0.	Fixed Width	1.	23.	Two Points	6.	4.5
EV2	Leading Load	0.	Fixed Width	1.	24.	Two Points	6.	
EV2	Fixed Length	0.	Fixed Width	1.	33.5	Two Points	6.	15.
EV3	Leading Load	0.	Fixed Width	1.	24.	Two Points	6.	

Table 27: Vehicles 3 - General Vehicles 2 - Loads, Part 1 of 2

VehName	LoadType	InterUnif	UnifType	UnifWidth	InterAxle	AxleType	AxleWidth	InterMinD
		Kip/ft		ft	Kip		ft	ft
EV3	Fixed Length	0.	Fixed Width	1.	31.	Two Points	6.	13.
EV3	Fixed Length	0.	Fixed Width	1.	31.	Two Points	6.	4.
Gravel Truck	Leading Load	0.	Fixed Width	1.	20.	Two Points	6.	
Gravel Truck	Fixed Length	0.	Fixed Width	1.	14.	Two Points	6.	10.5
Gravel Truck	Fixed Length	0.	Fixed Width	1.	20.	Two Points	6.	4.25
Gravel Truck	Fixed Length	0.	Fixed Width	1.	20.	Two Points	6.	4.417
HL-93	Leading Load	0.64	Fixed Width	10.	8.	Two Points	6.	
HL-93	Fixed Length	0.64	Fixed Width	10.	32.	Two Points	6.	14.
HL-93	Variable Length	0.64	Fixed Width	10.	32.	Two Points	6.	14.
HL-93	Trailing Load	0.64	Fixed Width	10.				
HS-20	Leading Load	0.	Fixed Width	10.	8.	Two Points	6.	
HS-20	Fixed Length	0.	Fixed Width	10.	32.	Two Points	6.	14.
HS-20	Variable Length	0.	Fixed Width	10.	32.	Two Points	6.	14.
HS-15	Leading Load	0.	Zero Width		6.	Two Points	6.	
HS-15	Fixed Length	0.	Zero Width		24.	Two Points	6.	14.
HS-15	Variable Length	0.	Zero Width		24.	Two Points	6.	14.
Lane	Trailing Load	0.64	Fixed Width	10.				
Neg - EV3	Leading Load	0.2	Fixed Width	1.	24.	Two Points	6.	
Neg - EV3	Fixed Length	0.2	Fixed Width	1.	31.	Two Points	6.	13.
Neg - EV3	Fixed Length	0.2	Fixed Width	1.	31.	Two Points	6.	4.
Neg - EV3	Fixed Length	0.2	Fixed Width	1.	24.	Two Points	6.	30.
Neg - EV3	Fixed Length	0.2	Fixed Width	1.	31.	Two Points	6.	13.
Neg - EV3	Fixed Length	0.2	Fixed Width	1.	31.	Two Points	6.	4.
Neg - EV3	Trailing Load	0.2	Fixed Width	1.				
Overweight Permit	Leading Load	0.	Zero Width		15.	Two Points	6.	
Overweight Permit	Fixed Length	0.	Zero Width		20.	Two Points	6.	12.
Overweight Permit	Fixed Length	0.	Zero Width		20.	Two Points	6.	4.
Overweight Permit	Fixed Length	0.	Zero Width		20.	Two Points	6.	4.
Overweight Permit	Fixed Length	0.	Zero Width		20.	Two Points	6.	12.
Overweight Permit	Fixed Length	0.	Zero Width		20.	Two Points	6.	4.
Overweight Permit	Fixed Length	0.	Zero Width		20.	Two Points	6.	4.
Overweight Permit	Fixed Length	0.	Zero Width		20.	Two Points	6.	40.
Overweight Permit	Fixed Length	0.	Zero Width		20.	Two Points	6.	4.
Overweight Permit	Fixed Length	0.	Zero Width		20.	Two Points	6.	4.
Overweight Permit	Fixed Length	0.	Zero Width		20.	Two Points	6.	12.
Overweight Permit	Fixed Length	0.	Zero Width		20.	Two Points	6.	4.
Overweight Permit	Fixed Length	0.	Zero Width		20.	Two Points	6.	4.

Table 27: Vehicles 3 - General Vehicles 2 - Loads, Part 1 of 2

VehName	LoadType	InterUnif	UnifType	UnifWidth	InterAxle	AxleType	AxleWidth	InterMinD
		Kip/ft		ft	Kip		ft	ft
SU-4	Leading Load	0.	Zero Width		12.	Two Points	6.	
SU-4	Fixed Length	0.	Zero Width		8.	Two Points	6.	10.
SU-4	Fixed Length	0.	Zero Width		17.	Two Points	6.	4.
SU-4	Fixed Length	0.	Zero Width		17.	Two Points	6.	4.
SU-5	Leading Load	0.	Zero Width		12.	Two Points	6.	
SU-5	Fixed Length	0.	Zero Width		8.	Two Points	6.	10.
SU-5	Fixed Length	0.	Zero Width		8.	Two Points	6.	4.
SU-5	Fixed Length	0.	Zero Width		17.	Two Points	6.	4.
SU-5	Fixed Length	0.	Zero Width		17.	Two Points	6.	4.
SU-6	Leading Load	0.	Zero Width		11.5	Two Points	6.	
SU-6	Fixed Length	0.	Zero Width		8.	Two Points	6.	10.
SU-6	Fixed Length	0.	Zero Width		8.	Two Points	6.	4.
SU-6	Fixed Length	0.	Zero Width		17.	Two Points	6.	4.
SU-6	Fixed Length	0.	Zero Width		17.	Two Points	6.	4.
SU-6	Fixed Length	0.	Zero Width		8.	Two Points	6.	4.
SU-7	Leading Load	0.	Zero Width		11.5	Two Points	6.	
SU-7	Fixed Length	0.	Zero Width		8.	Two Points	6.	10.
SU-7	Fixed Length	0.	Zero Width		8.	Two Points	6.	4.
SU-7	Fixed Length	0.	Zero Width		17.	Two Points	6.	4.
SU-7	Fixed Length	0.	Zero Width		17.	Two Points	6.	4.
SU-7	Fixed Length	0.	Zero Width		8.	Two Points	6.	4.
SU-7	Fixed Length	0.	Zero Width		8.	Two Points	6.	4.
Type 3-3	Leading Load	0.	Fixed Width	10.	12.	Two Points	6.	
Type 3-3	Fixed Length	0.	Fixed Width	10.	12.	Two Points	6.	15.
Type 3-3	Fixed Length	0.	Fixed Width	10.	12.	Two Points	6.	4.
Type 3-3	Fixed Length	0.	Fixed Width	10.	16.	Two Points	6.	15.
Type 3-3	Fixed Length	0.	Fixed Width	10.	14.	Two Points	6.	16.
Type 3-3	Fixed Length	0.	Fixed Width	10.	14.	Two Points	6.	4.
Type 3	Leading Load	0.	Fixed Width	10.	16.	Two Points	6.	
Type 3	Fixed Length	0.	Fixed Width	10.	17.	Two Points	6.	15.
Type 3	Fixed Length	0.	Fixed Width	10.	17.	Two Points	6.	4.
Type 3	Trailing Load	0.	Fixed Width	10.				
Type 3S2	Leading Load	0.	Fixed Width	10.	10.	Two Points	6.	
Type 3S2	Fixed Length	0.	Fixed Width	10.	15.5	Two Points	6.	11.
Type 3S2	Fixed Length	0.	Fixed Width	10.	15.5	Two Points	6.	4.
Type 3S2	Fixed Length	0.	Fixed Width	10.	15.5	Two Points	6.	22.
Type 3S2	Fixed Length	0.	Fixed Width	10.	15.5	Two Points	6.	4.
Type 3-3+Lane(200plf)	Leading Load	0.2	Fixed Width	10.	12.	Two Points	6.	
Type 3-3+Lane(200plf)	Fixed Length	0.2	Fixed Width	10.	12.	Two Points	6.	15.
Type 3-3+Lane(200plf)	Fixed Length	0.2	Fixed Width	10.	12.	Two Points	6.	4.
Type 3-3+Lane(200plf)	Fixed Length	0.2	Fixed Width	10.	16.	Two Points	6.	15.

Table 27: Vehicles 3 - General Vehicles 2 - Loads, Part 1 of 2

VehName	LoadType	InterUnif	UnifType	UnifWidth	InterAxle	AxleType	AxleWidth	InterMinD
		Kip/ft		ft	Kip		ft	ft
Type 3-3+Lane(200plf)	Fixed Length	0.2	Fixed Width	10.	14.	Two Points	6.	16.
Type 3-3+Lane(200plf)	Fixed Length	0.2	Fixed Width	10.	14.	Two Points	6.	4.
Type 3-3+Lane(200plf)	Trailing Load	0.2	Fixed Width	10.				

Table 27: Vehicles 3 - General Vehicles 2 - Loads, Part 2 of 2

Table 27: Vehicles 3 - General Vehicles 2 - Loads, Part 2 of 2

VehName	InterMaxD
	ft
Annual Permit 1	
Annual Permit 1	
Annual Permit 1	
Annual Permit 1	
Annual Permit 1	
Annual Permit 1	
Annual Permit 1	
Annual Permit 1	
Annual Permit 2	
Annual Permit 2	
Annual Permit 2	
Annual Permit 2	
Annual Permit 2	
Annual Permit 2	
Annual Permit 2	
Annual Permit 2	
EV2	
EV2	
EV3	
EV3	
EV3	
Gravel Truck	
Gravel Truck	
Gravel Truck	
Gravel Truck	

Table 27: Vehicles 3 - General Vehicles 2 - Loads, Part 2 of 2

VehName	InterMaxD ft
HL-93	
HL-93	
HL-93	30.
HL-93	
HS-20	
HS-20	
HS-20	30.
HS-15	
HS-15	
HS-15	30.
Lane	
Neg - EV3	
Neg - EV3	
Neg - EV3	
Neg - EV3	
Neg - EV3	
Neg - EV3	
Neg - EV3	
Overweight Permit	
Overweight Permit	
Overweight Permit	
Overweight Permit	
Overweight Permit	
Overweight Permit	
Overweight Permit	
Overweight Permit	
Overweight Permit	
Overweight Permit	
Overweight Permit	
Overweight Permit	
Overweight Permit	
Overweight Permit	
SU-4	
SU-4	
SU-4	
SU-4	
SU-5	
SU-5	
SU-5	
SU-5	
SU-5	
SU-6	
SU-6	

Table 27: Vehicles 3 - General Vehicles 2 - Loads, Part 2 of 2

VehName	InterMaxD ft
SU-6	
SU-6	
SU-6	
SU-6	
SU-7	
SU-7	
SU-7	
SU-7	
SU-7	
SU-7	
SU-7	
Type 3-3	
Type 3-3	
Type 3-3	
Type 3-3	
Type 3-3	
Type 3-3	
Type 3	
Type 3	
Type 3	
Type 3	
Type 3S2	
Type 3S2	
Type 3S2	
Type 3S2	
Type 3S2	
Type 3-3+Lane(200plf)	
Type 3-3+Lane(200plf)	
Type 3-3+Lane(200plf)	
Type 3-3+Lane(200plf)	
Type 3-3+Lane(200plf)	
Type 3-3+Lane(200plf)	
Type 3-3+Lane(200plf)	

Table 28: Vehicles 4 - Vehicle Classes

Table 28: Vehicles 4 - Vehicle Classes

VehClass	VehName	ScaleFactor
Annual Permit 1	Annual Permit 1	1.
Annual Permit 2	Annual Permit 2	1.
EV2	EV2	1.
EV3	EV3	1.
Gravel Truck	Gravel Truck	1.
HL-93	HL-93	1.
HS-20	HS-20	1.
HS-15	HS-15	1.
Lane	Lane	1.
Neg - EV3	Neg - EV3	1.
Overweight Permit	Overweight Permit	1.
SU-4	SU-4	1.
SU-5	SU-5	1.
SU-6	SU-6	1.
SU-7	SU-7	1.
Type 3-3	Type 3-3	1.
Type 3	Type 3	1.
Type 3S2	Type 3S2	1.
Type 3-3+Lane(200plf)	Type 3-3+Lane(200plf)	1.

4.3. Bridge loading

Table 29: Bridge Load Definitions 02 - Line

Table 29: Bridge Load Definitions 02 - Line

Name	Type	CoordSys	Dir	RefLoc	Dist	FOverL
					ft	Kip/ft
SideWalk+Rail+MISC_LT	Force	GLOBAL	Gravity	Left Edge of Deck	0.	0.922
SideWalk+Rail+MISC_RT	Force	GLOBAL	Gravity	Right Edge of Deck	0.	0.922

Table 30: Bridge Load Definitions 03 - Area, Part 1 of 2

Table 30: Bridge Load Definitions 03 - Area, Part 1 of 2

Name	Type	CoordSys	Dir	RefLocLft	DistLft	RefLocRgt
					ft	
Huanch load	Force	GLOBAL	Gravity	Left Edge of Deck	0.	Right Edge of Deck
Sacrificial WS Load	Force	GLOBAL	Gravity	Left Edge of Deck	0.	Right Edge of Deck
SIP Load	Force	GLOBAL	Gravity	Left Edge of Deck	0.	Right Edge of Deck
Wearing Surface Load	Force	GLOBAL	Gravity	Left Edge of Deck	0.	Right Edge of Deck

Table 30: Bridge Load Definitions 03 - Area, Part 2 of 2

Table 30: Bridge Load Definitions 03 - Area, Part 2 of 2

Name	DistRgt	FOverL2Lft	FOverL2Rgt
	ft	Kip/ft2	Kip/ft2
Huanch load	0.	6.268E-03	6.268E-03
Sacrificial WS Load	0.	1.000E-08	1.000E-08
SIP Load	0.	1.000E-08	1.000E-08
Wearing Surface Load	0.	0.035	0.035

5. Load cases

This section provides load case information.

5.1. Definitions

Table 31: Load Case Definitions, Part 1 of 2

Table 31: Load Case Definitions, Part 1 of 2

Case	Type	MLFactVert	InitialCond	MLFactBrake	ModalCase	MLFactCentr
LC_Dead Load	LinStatic		Zero			
LC_Wearing Surface Load	LinStatic		Zero			
LC_HL93	LinMoving	1.	Zero	0.		1.
LC_HS20	LinMoving	1.	Zero	0.		1.
LC_Lane	LinMoving	1.	Zero	0.		1.
LC_SU4	LinMoving	1.	Zero	0.		1.
LC_SU5	LinMoving	1.	Zero	0.		1.
LC_SU6	LinMoving	1.	Zero	0.		1.
LC_SU7	LinMoving	1.	Zero	0.		1.
LC_Type 3	LinMoving	1.	Zero	0.		1.
LC_Type 3S2	LinMoving	1.	Zero	0.		1.
LC_Type 3-3	LinMoving	1.	Zero	0.		1.
LC_EV2	LinMoving	1.	Zero	0.		1.
LC_EV3	LinMoving	1.	Zero	0.		1.
LC_EV3-Neg	LinMoving	1.	Zero	0.		1.
LC_Gravel Truck	LinMoving	1.	Zero	0.		1.
LC_Annual Permit 1	LinMoving	1.	Zero	0.		1.
LC_Annual Permit 2	LinMoving	1.	Zero	0.		1.
LC_Overweight Permit	LinMoving	1.	Zero	0.		1.
LC_HS15	LinMoving	1.	Zero	0.		1.

Table 31: Load Case Definitions, Part 2 of 2

Table 31: Load Case Definitions, Part 2 of 2

Case	BaseCase	DesActOpt	MassSource	DesignAct
LC_Dead Load		Prog Det		Non-Composite
LC_Wearing Surface Load		Prog Det		Long-Term Composite
LC_HL93		Prog Det		Short-Term Composite
LC_HS20		Prog Det		Short-Term Composite
LC_Lane		Prog Det		Short-Term Composite
LC_SU4		Prog Det		Short-Term Composite
LC_SU5		Prog Det		Short-Term Composite
LC_SU6		Prog Det		Short-Term Composite
LC_SU7		Prog Det		Short-Term Composite
LC_Type 3		Prog Det		Short-Term Composite
LC_Type 3S2		Prog Det		Short-Term Composite
LC_Type 3-3		Prog Det		Short-Term Composite
LC_EV2		Prog Det		Short-Term Composite
LC_EV3		Prog Det		Short-Term Composite
LC_EV3-Neg		Prog Det		Short-Term Composite
LC_Gravel Truck		Prog Det		Short-Term Composite
LC_Annual Permit 1		Prog Det		Short-Term Composite
LC_Annual Permit 2		Prog Det		Short-Term Composite
LC_Overweight Permit		Prog Det		Short-Term Composite
LC_HS15		Prog Det		Short-Term Composite

5.2. Static case load assignments

Table 32: Case - Static 1 - Load Assignments

Table 32: Case - Static 1 - Load Assignments

Case	LoadType	LoadName	LoadSF
LC_Dead Load	Load pattern	Dead Load	1.
LC_Dead Load	Load pattern	Barrier	1.
LC_Wearing Surface Load	Load pattern	DW	1.

6. Load combinations

This section provides load combination information.

Table 33: Combination Definitions

Table 33: Combination Definitions

ComboName	ComboType	CaseName	ScaleFactor
Design Lcomb	Linear Add	LC_Dead Load	1.25
Design Lcomb		LC_Wearing Surface Load	1.25
Design Lcomb		LC_HL93	1.35
Lcomb_Dead	Linear Add	LC_Dead Load	1.25
Lcomb_Wearing Surface	Linear Add	LC_Wearing Surface Load	1.25
Lcomb_HL93_opr	Linear Add	LC_HL93	1.35
Lcomb_HL93_inv	Linear Add	LC_HL93	1.75
Lcomb_HS20_opr	Linear Add	LC_HS20	1.35
Lcomb_HS20_inv	Linear Add	LC_HS20	1.75
Lcomb_HS15_opr	Linear Add	LC_HS15	1.35
Lcomb_HS15_inv	Linear Add	LC_HS15	1.75
Lcomb_Lane_opr	Linear Add	LC_Lane	1.35
Lcomb_Lane_inv	Linear Add	LC_Lane	1.75
Lcomb_SU4	Linear Add	LC_SU4	1.45
Lcomb_SU5	Linear Add	LC_SU5	1.45
Lcomb_SU6	Linear Add	LC_SU6	1.45
Lcomb_SU7	Linear Add	LC_SU7	1.45
Lcomb_Type 3	Linear Add	LC_Type 3	1.45
Lcomb_Type 3S2	Linear Add	LC_Type 3S2	1.45
Lcomb_Type 3-3	Linear Add	LC_Type 3-3	1.45
Lcomb_Type EV2	Linear Add	LC_EV2	1.45
Lcomb_Type EV3	Linear Add	LC_EV3	1.45
Lcomb_Type EV3-neg	Linear Add	LC_EV3-Neg	1.45
Lcomb_Gravel Truck	Linear Add	LC_Gravel Truck	1.45
Lcomb_Annual Perm 1	Linear Add	LC_Annual Permit 1	1.45
Lcomb_Annual Perm 2	Linear Add	LC_Annual Permit 2	1.45
Lcomb_Overweight Perm	Linear Add	LC_Overweight Permit	1.2
Lcomb_Dead_serv	Linear Add	LC_Dead Load	1.
Lcomb_Wearing Surface_serv	Linear Add	LC_Wearing Surface Load	1.

Table 33: Combination Definitions

ComboName	ComboType	CaseName	ScaleFactor
Lcomb_HL93_opr_serv	Linear Add	LC_HL93	1.
Lcomb_HL93_inv_serv	Linear Add	LC_HL93	1.3
Lcomb_HS20_opr_serv	Linear Add	LC_HS20	1.
Lcomb_HS20_inv_serv	Linear Add	LC_HS20	1.3
Lcomb_HS15_opr_serv	Linear Add	LC_HS15	1.
Lcomb_HS15_inv_serv	Linear Add	LC_HS15	1.3
Lcomb_Lane_opr_serv	Linear Add	LC_Lane	1.
Lcomb_Lane_inv_serv	Linear Add	LC_Lane	1.3
Lcomb_SU4_serv	Linear Add	LC_SU4	1.3
Lcomb_SU5_serv	Linear Add	LC_SU5	1.3
Lcomb_SU6_serv	Linear Add	LC_SU6	1.3
Lcomb_SU7_serv	Linear Add	LC_SU7	1.3
Lcomb_Type 3_serv	Linear Add	LC_Type 3	1.3
Lcomb_Type 3S2_serv	Linear Add	LC_Type 3S2	1.3
Lcomb_Type 3-3_serv	Linear Add	LC_Type 3-3	1.3
Lcomb_EV 2_serv	Linear Add	LC_EV2	1.3
Lcomb_EV 3_serv	Linear Add	LC_EV3	1.3
Lcomb_EV 3-neg_serv	Linear Add	LC_EV3-Neg	1.3
Lcomb_Gravel Truck_serv	Linear Add	LC_Gravel Truck	1.3
Lcomb_Annual Perm 1_serv	Linear Add	LC_Annual Permit 1	1.
Lcomb_Annual Perm 2_serv	Linear Add	LC_Annual Permit 2	1.
Lcomb_Overweight Permit_serv	Linear Add	LC_Overweight Permit	1.

7. Structure results

This section provides structure results, including items such as structural periods and base reactions.

7.1. Base reactions

Table 34: Base Reactions

Table 34: Base Reactions

OutputCase	GlobalFX	GlobalFY	GlobalFZ	GlobalMX	GlobalMY	GlobalMZ
	Kip	Kip	Kip	Kip-ft	Kip-ft	Kip-ft
LC_Dead Load	8.680E-08	-8.994E-09	3557.073	2.221E-07	-403673.5	-9.447E-07
LC_Wearing Surface Load	1.785E-08	1.555E-08	470.925	4.706E-08	-54156.375	8.726E-07

8. Joint results

This section provides joint results, including items such as displacements and reactions.

Table 35: Joint Reactions

Table 35: Joint Reactions

Joint	OutputCase	F1	F2	F3	M1	M2	M3
		Kip	Kip	Kip	Kip-ft	Kip-ft	Kip-ft
1455	LC_Dead Load	130.668	9.738	8.597E-15	-4.280E-15	-4.280E-15	69.892
1455	LC_Wearing Surface Load	7.567	1.235	5.390E-16	-5.429E-16	-5.429E-16	8.8662
1457	LC_Dead Load	181.549	-6.083E-10	1.112E-14	0.	0.	-4.497E-09
1457	LC_Wearing Surface Load	16.672	-1.034E-10	1.021E-15	0.	0.	-7.698E-10
1459	LC_Dead Load	130.668	-9.738	7.405E-15	4.280E-15	4.280E-15	-69.892
1459	LC_Wearing Surface Load	7.567	-1.235	3.877E-16	5.429E-16	5.429E-16	-8.8662
1463	LC_Dead Load	257.727	20.681	1.499	-1.8643	-36.1314	149.428
1463	LC_Wearing Surface Load	31.94	4.425	0.229	0.8692	-6.3047	31.984
1465	LC_Dead Load	351.994	7.392E-10	0.949	2.201E-09	-26.4401	1.105E-08
1465	LC_Wearing Surface Load	66.66	-4.737E-09	0.441	-1.508E-09	-9.8811	-5.618E-08
1467	LC_Dead Load	257.727	-20.681	1.499	1.8643	-36.1314	-149.428
1467	LC_Wearing Surface Load	31.94	-4.425	0.229	-0.8692	-6.3047	-31.984
1471	LC_Dead Load	251.673	20.287	-2.773	3.1306	67.1238	146.5678
1471	LC_Wearing Surface Load	30.954	4.417	-0.48	-0.5284	12.3729	31.9214
1473	LC_Dead Load	343.193	6.198E-10	-1.88	-6.464E-10	51.4119	7.698E-09
1473	LC_Wearing Surface Load	65.06	-1.829E-09	-0.609	-1.912E-09	14.5034	-2.186E-08
1475	LC_Dead Load	251.673	-20.287	-2.773	-3.1306	67.1238	-146.5678
1475	LC_Wearing Surface Load	30.954	-4.417	-0.48	0.5284	12.3729	-31.9214
1479	LC_Dead Load	261.837	20.927	1.454	-3.1392	-34.1138	151.1957
1479	LC_Wearing Surface Load	31.833	4.507	0.201	0.2978	-5.2164	32.577
1481	LC_Dead Load	353.785	8.943E-10	0.57	-5.406E-10	-18.7288	1.281E-08

Table 35: Joint Reactions

Joint	OutputCase	F1	F2	F3	M1	M2	M3
		Kip	Kip	Kip	Kip-ft	Kip-ft	Kip-ft
1481	LC_Wearing Surface Load	66.667	4.635E-11	0.268	-1.694E-09	-6.3259	1.009E-09
1483	LC_Dead Load	261.837	-20.927	1.454	3.1392	-34.1138	-151.1957
1483	LC_Wearing Surface Load	31.833	-4.507	0.201	-0.2978	-5.2164	-32.577
1487	LC_Dead Load	154.438	12.048	1.093E-14	-5.295E-15	-1.059E-14	86.4733
1487	LC_Wearing Surface Load	12.427	1.913	9.951E-16	-8.405E-16	-1.681E-15	13.7271
1489	LC_Dead Load	213.865	-1.713E-10	1.310E-14	0.	0.	-1.767E-09
1489	LC_Wearing Surface Load	26.425	-1.828E-11	1.618E-15	0.	0.	-2.241E-10
1491	LC_Dead Load	154.438	-12.048	7.981E-15	5.295E-15	1.059E-14	-86.4733
1491	LC_Wearing Surface Load	12.427	-1.913	5.267E-16	8.405E-16	1.681E-15	-13.7271

9. Bridge object forces

This section provides bridge object forces at the program determined section cuts.

Table 36: Bridge Object Forces, Part 1 of 3

Table 36: Bridge Object Forces, Part 1 of 3

BridgeObj	BridgeCut	Distance	LocType	OutputCase	CaseType	P	V2	V3
		ft				Kip	Kip	Kip
BOBJ1	1	0.	After	LC_Dead Load	LinStatic	-4.141E-09	-127.334	1.204E-10
BOBJ1	2	5.3833	Before	LC_Dead Load	LinStatic	-4.140E-09	-93.409	1.204E-10
BOBJ1	3	5.3833	After	LC_Dead Load	LinStatic	-4.140E-09	-81.506	1.204E-10
BOBJ1	4	10.7667	Before	LC_Dead Load	LinStatic	-4.140E-09	-47.582	1.204E-10
BOBJ1	5	10.7667	After	LC_Dead Load	LinStatic	-4.140E-09	-35.679	1.204E-10
BOBJ1	6	16.15	Before	LC_Dead Load	LinStatic	-4.139E-09	-1.754	1.203E-10
BOBJ1	7	16.15	After	LC_Dead Load	LinStatic	3.783E-09	14.282	1.216E-10
BOBJ1	8	22.1267	Before	LC_Dead Load	LinStatic	3.781E-09	51.945	1.216E-10
BOBJ1	9	22.1267	After	LC_Dead Load	LinStatic	3.781E-09	65.16	1.216E-10
BOBJ1	10	28.1033	Before	LC_Dead Load	LinStatic	3.780E-09	102.824	1.216E-10
BOBJ1	11	28.1033	After	LC_Dead Load	LinStatic	3.780E-09	116.039	1.216E-10
BOBJ1	12	34.08	Before	LC_Dead Load	LinStatic	3.779E-09	153.702	1.216E-10
BOBJ1	13	34.08	After	LC_Dead Load	LinStatic	-5.115E-10	170.171	1.250E-10
BOBJ1	14	39.855	Before	LC_Dead Load	LinStatic	-5.124E-10	206.564	1.249E-10
BOBJ1	15	39.855	After	LC_Dead Load	LinStatic	-5.240E-10	213.962	9.926E-09

Table 36: Bridge Object Forces, Part 1 of 3

BridgeObj	BridgeCut	Distance	LocType	OutputCase	CaseType	P	V2	V3
		ft				Kip	Kip	Kip
BOBJ1	18	45.63	Before	LC_Dead Load	LinStatic	-5.286E-10	256.274	9.774E-09
BOBJ1	19	45.63	After	LC_Dead Load	LinStatic	-3.948	-287.529	3.374E-09
BOBJ1	22	51.4	Before	LC_Dead Load	LinStatic	-3.948	-245.294	3.193E-09
BOBJ1	23	51.4	After	LC_Dead Load	LinStatic	-3.948	-237.33	3.282E-09
BOBJ1	24	57.17	Before	LC_Dead Load	LinStatic	-3.948	-200.969	3.282E-09
BOBJ1	25	57.17	After	LC_Dead Load	LinStatic	-3.948	-184.292	3.271E-09
BOBJ1	26	63.34	Before	LC_Dead Load	LinStatic	-3.948	-145.41	3.271E-09
BOBJ1	27	63.34	After	LC_Dead Load	LinStatic	-3.948	-131.768	3.271E-09
BOBJ1	28	69.51	Before	LC_Dead Load	LinStatic	-3.948	-92.886	3.271E-09
BOBJ1	29	69.51	After	LC_Dead Load	LinStatic	-3.948	-79.243	3.271E-09
BOBJ1	30	75.68	Before	LC_Dead Load	LinStatic	-3.948	-40.361	3.270E-09
BOBJ1	31	75.68	After	LC_Dead Load	LinStatic	-3.948	-23.246	3.257E-09
BOBJ1	32	81.8467	Before	LC_Dead Load	LinStatic	-3.948	15.615	3.257E-09
BOBJ1	33	81.8467	After	LC_Dead Load	LinStatic	-3.948	29.25	3.257E-09
BOBJ1	34	88.0133	Before	LC_Dead Load	LinStatic	-3.948	68.111	3.257E-09
BOBJ1	35	88.0133	After	LC_Dead Load	LinStatic	-3.948	81.746	3.257E-09
BOBJ1	36	94.18	Before	LC_Dead Load	LinStatic	-3.948	120.607	3.257E-09
BOBJ1	37	94.18	After	LC_Dead Load	LinStatic	-3.948	137.73	3.293E-09
BOBJ1	38	100.3567	Before	LC_Dead Load	LinStatic	-3.948	176.654	3.293E-09
BOBJ1	39	100.3567	After	LC_Dead Load	LinStatic	-3.948	190.311	3.293E-09
BOBJ1	40	106.5333	Before	LC_Dead Load	LinStatic	-3.948	229.235	3.293E-09
BOBJ1	41	106.5333	After	LC_Dead Load	LinStatic	-3.948	238.577	3.267E-09
BOBJ1	44	112.71	Before	LC_Dead Load	LinStatic	-3.948	283.731	3.302E-09
BOBJ1	45	112.71	After	LC_Dead Load	LinStatic	3.478	-240.548	9.633E-10
BOBJ1	48	119.1	Before	LC_Dead Load	LinStatic	3.478	-193.846	9.517E-10
BOBJ1	49	119.1	After	LC_Dead Load	LinStatic	3.478	-184.032	9.530E-10
BOBJ1	50	125.49	Before	LC_Dead Load	LinStatic	3.478	-143.764	9.530E-10
BOBJ1	51	125.49	After	LC_Dead Load	LinStatic	3.478	-129.635	9.531E-10
BOBJ1	52	131.88	Before	LC_Dead Load	LinStatic	3.478	-89.367	9.530E-10
BOBJ1	53	131.88	After	LC_Dead Load	LinStatic	3.478	-71.761	9.592E-10

Table 36: Bridge Object Forces, Part 1 of 3

BridgeObj	BridgeCut	Distance	LocType	OutputCase	CaseType	P	V2	V3
		ft				Kip	Kip	Kip
BOBJ1	54	138.27	Before	LC_Dead Load	LinStatic	3.478	-31.493	9.590E-10
BOBJ1	55	138.27	After	LC_Dead Load	LinStatic	3.478	-17.364	9.590E-10
BOBJ1	56	144.66	Before	LC_Dead Load	LinStatic	3.478	22.905	9.590E-10
BOBJ1	57	144.66	After	LC_Dead Load	LinStatic	3.478	37.033	9.589E-10
BOBJ1	58	151.05	Before	LC_Dead Load	LinStatic	3.478	77.302	9.589E-10
BOBJ1	59	151.05	After	LC_Dead Load	LinStatic	3.478	94.904	9.506E-10
BOBJ1	60	157.4367	Before	LC_Dead Load	LinStatic	3.478	135.151	9.506E-10
BOBJ1	61	157.4367	After	LC_Dead Load	LinStatic	3.478	143.62	9.506E-10
BOBJ1	64	163.8233	Before	LC_Dead Load	LinStatic	3.478	192.351	9.505E-10
BOBJ1	65	163.8233	After	LC_Dead Load	LinStatic	3.478	199.791	1.040E-09
BOBJ1	68	170.21	Before	LC_Dead Load	LinStatic	3.478	248.55	8.744E-10
BOBJ1	69	170.21	After	LC_Dead Load	LinStatic	-8.836E-08	-304.222	-3.951E-09
BOBJ1	72	176.6	Before	LC_Dead Load	LinStatic	-8.839E-08	-255.383	-2.229E-09
BOBJ1	73	176.6	After	LC_Dead Load	LinStatic	-8.839E-08	-247.008	1.923E-10
BOBJ1	74	182.99	Before	LC_Dead Load	LinStatic	-8.839E-08	-204.96	1.922E-10
BOBJ1	75	182.99	After	LC_Dead Load	LinStatic	-8.839E-08	-190.831	1.921E-10
BOBJ1	76	189.38	Before	LC_Dead Load	LinStatic	-8.838E-08	-148.783	1.921E-10
BOBJ1	77	189.38	After	LC_Dead Load	LinStatic	-5.775E-08	-131.178	1.763E-10
BOBJ1	78	195.77	Before	LC_Dead Load	LinStatic	-5.775E-08	-89.13	1.760E-10
BOBJ1	79	195.77	After	LC_Dead Load	LinStatic	-5.775E-08	-75.001	1.762E-10
BOBJ1	80	202.16	Before	LC_Dead Load	LinStatic	-5.775E-08	-32.954	1.762E-10
BOBJ1	81	202.16	After	LC_Dead Load	LinStatic	-5.775E-08	-18.825	1.761E-10
BOBJ1	82	208.55	Before	LC_Dead Load	LinStatic	-5.775E-08	23.223	1.761E-10
BOBJ1	83	208.55	After	LC_Dead Load	LinStatic	-7.219E-08	41.031	1.778E-10
BOBJ1	84	215.1233	Before	LC_Dead Load	LinStatic	-7.219E-08	84.285	1.778E-10
BOBJ1	85	215.1233	After	LC_Dead Load	LinStatic	-7.219E-08	98.82	1.777E-10
BOBJ1	86	221.6967	Before	LC_Dead Load	LinStatic	-7.219E-08	142.074	1.779E-10
BOBJ1	87	221.6967	After	LC_Dead Load	LinStatic	-7.219E-08	156.608	1.778E-10
BOBJ1	88	228.27	Before	LC_Dead Load	LinStatic	-7.219E-08	199.862	1.779E-10
BOBJ1	1	0.	After	LC_Wearing Surface Load	LinStatic	-1.065E-09	-26.295	-1.312E-11

Table 36: Bridge Object Forces, Part 1 of 3

BridgeObj	BridgeCut	Distance	LocType	OutputCase	CaseType	P	V2	V3
		ft				Kip	Kip	Kip
BOBJ1	2	5.3833	Before	LC_Wearing Surface Load	LinStatic	-1.065E-09	-26.295	-1.314E-11
BOBJ1	3	5.3833	After	LC_Wearing Surface Load	LinStatic	-1.065E-09	-15.272	-1.314E-11
BOBJ1	4	10.7667	Before	LC_Wearing Surface Load	LinStatic	-1.065E-09	-15.272	-1.315E-11
BOBJ1	5	10.7667	After	LC_Wearing Surface Load	LinStatic	-1.065E-09	-4.25	-1.315E-11
BOBJ1	6	16.15	Before	LC_Wearing Surface Load	LinStatic	-1.065E-09	-4.25	-1.317E-11
BOBJ1	7	16.15	After	LC_Wearing Surface Load	LinStatic	2.367E-10	7.38	-1.334E-11
BOBJ1	8	22.1267	Before	LC_Wearing Surface Load	LinStatic	2.364E-10	7.38	-1.334E-11
BOBJ1	9	22.1267	After	LC_Wearing Surface Load	LinStatic	2.363E-10	19.617	-1.334E-11
BOBJ1	10	28.1033	Before	LC_Wearing Surface Load	LinStatic	2.362E-10	19.617	-1.334E-11
BOBJ1	11	28.1033	After	LC_Wearing Surface Load	LinStatic	2.361E-10	31.854	-1.333E-11
BOBJ1	12	34.08	Before	LC_Wearing Surface Load	LinStatic	2.359E-10	31.854	-1.333E-11
BOBJ1	13	34.08	After	LC_Wearing Surface Load	LinStatic	-1.213E-09	43.885	-1.626E-11
BOBJ1	14	39.855	Before	LC_Wearing Surface Load	LinStatic	-1.213E-09	43.885	-1.626E-11
BOBJ1	15	39.855	After	LC_Wearing Surface Load	LinStatic	-1.216E-09	54.563	1.396E-08
BOBJ1	18	45.63	Before	LC_Wearing Surface Load	LinStatic	-1.217E-09	55.745	-1.261E-08
BOBJ1	19	45.63	After	LC_Wearing Surface Load	LinStatic	-0.9	-63.169	-1.771E-09
BOBJ1	22	51.4	Before	LC_Wearing Surface Load	LinStatic	-0.9	-61.988	-1.912E-09
BOBJ1	23	51.4	After	LC_Wearing Surface Load	LinStatic	-0.9	-51.198	-1.690E-09
BOBJ1	24	57.17	Before	LC_Wearing Surface Load	LinStatic	-0.9	-51.198	-1.690E-09
BOBJ1	25	57.17	After	LC_Wearing Surface Load	LinStatic	-0.9	-38.974	-1.687E-09
BOBJ1	26	63.34	Before	LC_Wearing Surface Load	LinStatic	-0.9	-38.974	-1.687E-09
BOBJ1	27	63.34	After	LC_Wearing Surface Load	LinStatic	-0.9	-26.341	-1.687E-09
BOBJ1	28	69.51	Before	LC_Wearing Surface Load	LinStatic	-0.9	-26.341	-1.687E-09
BOBJ1	29	69.51	After	LC_Wearing Surface Load	LinStatic	-0.9	-13.708	-1.687E-09
BOBJ1	30	75.68	Before	LC_Wearing Surface Load	LinStatic	-0.9	-13.708	-1.687E-09
BOBJ1	31	75.68	After	LC_Wearing Surface Load	LinStatic	-0.9	-1.078	-1.683E-09
BOBJ1	32	81.8467	Before	LC_Wearing Surface Load	LinStatic	-0.9	-1.078	-1.683E-09
BOBJ1	33	81.8467	After	LC_Wearing Surface Load	LinStatic	-0.9	11.548	-1.683E-09
BOBJ1	34	88.0133	Before	LC_Wearing Surface Load	LinStatic	-0.9	11.548	-1.683E-09
BOBJ1	35	88.0133	After	LC_Wearing Surface Load	LinStatic	-0.9	24.174	-1.683E-09

Table 36: Bridge Object Forces, Part 1 of 3

BridgeObj	BridgeCut	Distance	LocType	OutputCase	CaseType	P	V2	V3
		ft				Kip	Kip	Kip
BOBJ1	36	94.18	Before	LC_Wearing Surface Load	LinStatic	-0.9	24.174	-1.683E-09
BOBJ1	37	94.18	After	LC_Wearing Surface Load	LinStatic	-0.9	36.811	-1.692E-09
BOBJ1	38	100.3567	Before	LC_Wearing Surface Load	LinStatic	-0.9	36.811	-1.692E-09
BOBJ1	39	100.3567	After	LC_Wearing Surface Load	LinStatic	-0.9	49.457	-1.692E-09
BOBJ1	40	106.5333	Before	LC_Wearing Surface Load	LinStatic	-0.9	49.457	-1.692E-09
BOBJ1	41	106.5333	After	LC_Wearing Surface Load	LinStatic	-0.9	61.183	-1.709E-09
BOBJ1	44	112.71	Before	LC_Wearing Surface Load	LinStatic	-0.9	62.447	-1.689E-09
BOBJ1	45	112.71	After	LC_Wearing Surface Load	LinStatic	0.67	-52.385	2.717E-09
BOBJ1	48	119.1	Before	LC_Wearing Surface Load	LinStatic	0.67	-51.077	2.740E-09
BOBJ1	49	119.1	After	LC_Wearing Surface Load	LinStatic	0.67	-38.915	2.724E-09
BOBJ1	50	125.49	Before	LC_Wearing Surface Load	LinStatic	0.67	-38.915	2.724E-09
BOBJ1	51	125.49	After	LC_Wearing Surface Load	LinStatic	0.67	-25.831	2.724E-09
BOBJ1	52	131.88	Before	LC_Wearing Surface Load	LinStatic	0.67	-25.831	2.724E-09
BOBJ1	53	131.88	After	LC_Wearing Surface Load	LinStatic	0.67	-12.748	2.721E-09
BOBJ1	54	138.27	Before	LC_Wearing Surface Load	LinStatic	0.67	-12.748	2.721E-09
BOBJ1	55	138.27	After	LC_Wearing Surface Load	LinStatic	0.67	0.336	2.721E-09
BOBJ1	56	144.66	Before	LC_Wearing Surface Load	LinStatic	0.67	0.336	2.721E-09
BOBJ1	57	144.66	After	LC_Wearing Surface Load	LinStatic	0.67	13.419	2.721E-09
BOBJ1	58	151.05	Before	LC_Wearing Surface Load	LinStatic	0.67	13.419	2.721E-09
BOBJ1	59	151.05	After	LC_Wearing Surface Load	LinStatic	0.67	26.499	2.727E-09
BOBJ1	60	157.4367	Before	LC_Wearing Surface Load	LinStatic	0.67	26.499	2.727E-09
BOBJ1	61	157.4367	After	LC_Wearing Surface Load	LinStatic	0.67	34.341	2.727E-09
BOBJ1	64	163.8233	Before	LC_Wearing Surface Load	LinStatic	0.67	40.88	2.727E-09
BOBJ1	65	163.8233	After	LC_Wearing Surface Load	LinStatic	0.67	51.527	2.819E-09
BOBJ1	68	170.21	Before	LC_Wearing Surface Load	LinStatic	0.67	52.834	2.975E-09
BOBJ1	69	170.21	After	LC_Wearing Surface Load	LinStatic	-2.080E-08	-64.679	2.294E-09
BOBJ1	72	176.6	Before	LC_Wearing Surface Load	LinStatic	-2.081E-08	-63.371	1.127E-09
BOBJ1	73	176.6	After	LC_Wearing Surface Load	LinStatic	-2.081E-08	-51.516	2.761E-11
BOBJ1	74	182.99	Before	LC_Wearing Surface Load	LinStatic	-2.081E-08	-51.516	2.760E-11
BOBJ1	75	182.99	After	LC_Wearing Surface Load	LinStatic	-2.081E-08	-38.432	2.758E-11

Table 36: Bridge Object Forces, Part 1 of 3

BridgeObj	BridgeCut	Distance	LocType	OutputCase	CaseType	P	V2	V3
		ft				Kip	Kip	Kip
BOBJ1	76	189.38	Before	LC_Wearing Surface Load	LinStatic	-2.080E-08	-38.432	2.758E-11
BOBJ1	77	189.38	After	LC_Wearing Surface Load	LinStatic	-1.338E-08	-25.349	3.186E-11
BOBJ1	78	195.77	Before	LC_Wearing Surface Load	LinStatic	-1.338E-08	-25.349	3.179E-11
BOBJ1	79	195.77	After	LC_Wearing Surface Load	LinStatic	-1.338E-08	-12.265	3.181E-11
BOBJ1	80	202.16	Before	LC_Wearing Surface Load	LinStatic	-1.338E-08	-12.265	3.182E-11
BOBJ1	81	202.16	After	LC_Wearing Surface Load	LinStatic	-1.338E-08	0.818	3.183E-11
BOBJ1	82	208.55	Before	LC_Wearing Surface Load	LinStatic	-1.338E-08	0.818	3.182E-11
BOBJ1	83	208.55	After	LC_Wearing Surface Load	LinStatic	-1.764E-08	14.09	3.130E-11
BOBJ1	84	215.1233	Before	LC_Wearing Surface Load	LinStatic	-1.764E-08	14.09	3.130E-11
BOBJ1	85	215.1233	After	LC_Wearing Surface Load	LinStatic	-1.764E-08	27.548	3.131E-11
BOBJ1	86	221.6967	Before	LC_Wearing Surface Load	LinStatic	-1.764E-08	27.548	3.134E-11
BOBJ1	87	221.6967	After	LC_Wearing Surface Load	LinStatic	-1.764E-08	41.007	3.135E-11
BOBJ1	88	228.27	Before	LC_Wearing Surface Load	LinStatic	-1.764E-08	41.007	3.136E-11

Table 36: Bridge Object Forces, Part 2 of 3

Table 36: Bridge Object Forces, Part 2 of 3

BridgeObj	BridgeCut	Distance	LocType	OutputCase	T	M2	M3	GlobalX
		ft			Kip-ft	Kip-ft	Kip-ft	ft
BOBJ1	1	0.	After	LC_Dead Load	-1.859E-08	1.555E-09	-5.397E-08	0.
BOBJ1	2	5.3833	Before	LC_Dead Load	-1.859E-08	9.189E-10	594.1668	5.3833
BOBJ1	3	5.3833	After	LC_Dead Load	-1.860E-08	9.357E-10	594.1668	5.3833
BOBJ1	4	10.7667	Before	LC_Dead Load	-1.861E-08	2.783E-10	941.6286	10.7667
BOBJ1	5	10.7667	After	LC_Dead Load	-1.862E-08	2.938E-10	941.6286	10.7667
BOBJ1	6	16.15	Before	LC_Dead Load	-1.863E-08	-3.761E-10	1042.3853	16.15
BOBJ1	7	16.15	After	LC_Dead Load	-1.972E-08	8.047E-08	1042.3853	16.15
BOBJ1	8	22.1267	Before	LC_Dead Load	-1.973E-08	7.976E-08	844.4768	22.1267
BOBJ1	9	22.1267	After	LC_Dead Load	-1.974E-08	7.976E-08	844.4768	22.1267
BOBJ1	10	28.1033	Before	LC_Dead Load	-1.976E-08	7.902E-08	342.4844	28.1033
BOBJ1	11	28.1033	After	LC_Dead Load	-1.975E-08	7.901E-08	342.4844	28.1033
BOBJ1	12	34.08	Before	LC_Dead Load	-1.974E-08	7.829E-08	-463.5921	34.08
BOBJ1	13	34.08	After	LC_Dead Load	-3.611E-08	7.478E-08	-463.5921	34.08

Table 36: Bridge Object Forces, Part 2 of 3

BridgeObj	BridgeCut	Distance	LocType	OutputCase	T	M2	M3	GlobalX
		ft			Kip-ft	Kip-ft	Kip-ft	ft
BOBJ1	14	39.855	Before	LC_Dead Load	-3.610E-08	7.406E-08	-1551.4151	39.855
BOBJ1	15	39.855	After	LC_Dead Load	1.439E-08	7.397E-08	-1551.4151	39.855
BOBJ1	18	45.63	Before	LC_Dead Load	1.562E-08	1.969E-08	-2924.216	45.63
BOBJ1	19	45.63	After	LC_Dead Load	7.835E-09	-2.295E-07	-2935.8588	45.63
BOBJ1	22	51.4	Before	LC_Dead Load	6.960E-09	-2.494E-07	-1387.1988	51.4
BOBJ1	23	51.4	After	LC_Dead Load	6.905E-09	-2.494E-07	-1387.1988	51.4
BOBJ1	24	57.17	Before	LC_Dead Load	6.886E-09	-2.683E-07	-122.7045	57.17
BOBJ1	25	57.17	After	LC_Dead Load	3.524E-08	-4.168E-08	-122.7045	57.17
BOBJ1	26	63.34	Before	LC_Dead Load	3.520E-08	-6.187E-08	894.4269	63.34
BOBJ1	27	63.34	After	LC_Dead Load	3.518E-08	-6.186E-08	894.4269	63.34
BOBJ1	28	69.51	Before	LC_Dead Load	3.518E-08	-8.205E-08	1587.4831	69.51
BOBJ1	29	69.51	After	LC_Dead Load	3.523E-08	-8.206E-08	1587.4831	69.51
BOBJ1	30	75.68	Before	LC_Dead Load	3.512E-08	-1.023E-07	1956.4641	75.68
BOBJ1	31	75.68	After	LC_Dead Load	2.652E-09	-2.593E-07	1956.4641	75.68
BOBJ1	32	81.8467	Before	LC_Dead Load	2.718E-09	-2.794E-07	1979.9923	81.8467
BOBJ1	33	81.8467	After	LC_Dead Load	2.864E-09	-2.794E-07	1979.9923	81.8467
BOBJ1	34	88.0133	Before	LC_Dead Load	2.906E-09	-2.995E-07	1679.7953	88.0133
BOBJ1	35	88.0133	After	LC_Dead Load	2.906E-09	-2.994E-07	1679.7953	88.0133
BOBJ1	36	94.18	Before	LC_Dead Load	2.939E-09	-3.195E-07	1055.8731	94.18
BOBJ1	37	94.18	After	LC_Dead Load	4.933E-10	-2.956E-07	1055.8731	94.18
BOBJ1	38	100.3567	Before	LC_Dead Load	5.377E-10	-3.159E-07	84.9507	100.3567
BOBJ1	39	100.3567	After	LC_Dead Load	5.338E-10	-3.159E-07	84.9507	100.3567
BOBJ1	40	106.5333	Before	LC_Dead Load	5.065E-10	-3.363E-07	-1210.7478	106.5333
BOBJ1	41	106.5333	After	LC_Dead Load	7.507E-10	-3.363E-07	-1210.7478	106.5333
BOBJ1	44	112.71	Before	LC_Dead Load	7.233E-10	-3.565E-07	-2831.8083	112.71
BOBJ1	45	112.71	After	LC_Dead Load	3.286E-08	-3.605E-07	-2810.3243	112.71
BOBJ1	48	119.1	Before	LC_Dead Load	3.284E-08	-3.666E-07	-1414.6364	119.1
BOBJ1	49	119.1	After	LC_Dead Load	3.280E-08	-3.666E-07	-1414.6364	119.1
BOBJ1	50	125.49	Before	LC_Dead Load	3.279E-08	-3.727E-07	-367.3276	125.49
BOBJ1	51	125.49	After	LC_Dead Load	3.280E-08	-3.727E-07	-367.3276	125.49

Table 36: Bridge Object Forces, Part 2 of 3

BridgeObj	BridgeCut	Distance	LocType	OutputCase	T	M2	M3	GlobalX
		ft			Kip-ft	Kip-ft	Kip-ft	ft
BOBJ1	52	131.88	Before	LC_Dead Load	3.279E-08	-3.788E-07	332.3831	131.88
BOBJ1	53	131.88	After	LC_Dead Load	1.234E-08	-2.949E-07	332.3831	131.88
BOBJ1	54	138.27	Before	LC_Dead Load	1.233E-08	-3.010E-07	662.2787	138.27
BOBJ1	55	138.27	After	LC_Dead Load	1.231E-08	-3.010E-07	662.2787	138.27
BOBJ1	56	144.66	Before	LC_Dead Load	1.228E-08	-3.072E-07	644.5763	144.66
BOBJ1	57	144.66	After	LC_Dead Load	1.225E-08	-3.072E-07	644.5763	144.66
BOBJ1	58	151.05	Before	LC_Dead Load	1.223E-08	-3.133E-07	279.2759	151.05
BOBJ1	59	151.05	After	LC_Dead Load	1.122E-08	-2.485E-07	279.2759	151.05
BOBJ1	60	157.4367	Before	LC_Dead Load	1.122E-08	-2.546E-07	-455.3656	157.4367
BOBJ1	61	157.4367	After	LC_Dead Load	1.122E-08	-2.546E-07	-455.3656	157.4367
BOBJ1	64	163.8233	Before	LC_Dead Load	1.131E-08	-2.607E-07	-1541.2307	163.8233
BOBJ1	65	163.8233	After	LC_Dead Load	1.082E-08	-2.607E-07	-1541.2307	163.8233
BOBJ1	68	170.21	Before	LC_Dead Load	1.061E-08	-2.662E-07	-2986.9136	170.21
BOBJ1	69	170.21	After	LC_Dead Load	-3.708E-10	-2.734E-07	-2996.807	170.21
BOBJ1	72	176.6	Before	LC_Dead Load	1.864E-08	-2.486E-07	-1191.811	176.6
BOBJ1	73	176.6	After	LC_Dead Load	2.010E-08	-2.483E-07	-1191.811	176.6
BOBJ1	74	182.99	Before	LC_Dead Load	2.012E-08	-2.495E-07	252.2255	182.99
BOBJ1	75	182.99	After	LC_Dead Load	2.008E-08	-2.495E-07	252.2255	182.99
BOBJ1	76	189.38	Before	LC_Dead Load	2.003E-08	-2.507E-07	1337.2942	189.38
BOBJ1	77	189.38	After	LC_Dead Load	-3.804E-08	-3.266E-07	1337.2942	189.38
BOBJ1	78	195.77	Before	LC_Dead Load	-3.809E-08	-3.278E-07	2041.1779	195.77
BOBJ1	79	195.77	After	LC_Dead Load	-3.808E-08	-3.278E-07	2041.1779	195.77
BOBJ1	80	202.16	Before	LC_Dead Load	-3.825E-08	-3.289E-07	2386.0937	202.16
BOBJ1	81	202.16	After	LC_Dead Load	-3.824E-08	-3.289E-07	2386.0937	202.16
BOBJ1	82	208.55	Before	LC_Dead Load	-3.826E-08	-3.300E-07	2372.0416	208.55
BOBJ1	83	208.55	After	LC_Dead Load	-4.652E-09	-3.096E-07	2372.0416	208.55
BOBJ1	84	215.1233	Before	LC_Dead Load	-4.766E-09	-3.108E-07	1960.1677	215.1233
BOBJ1	85	215.1233	After	LC_Dead Load	-4.727E-09	-3.108E-07	1960.1677	215.1233
BOBJ1	86	221.6967	Before	LC_Dead Load	-4.661E-09	-3.119E-07	1168.4323	221.6967
BOBJ1	87	221.6967	After	LC_Dead Load	-4.663E-09	-3.119E-07	1168.4323	221.6967

Table 36: Bridge Object Forces, Part 2 of 3

BridgeObj	BridgeCut	Distance	LocType	OutputCase	T	M2	M3	GlobalX
		ft			Kip-ft	Kip-ft	Kip-ft	ft
BOBJ1	88	228.27	Before	LC_Dead Load	-4.671E-09	-3.131E-07	-3.1644	228.27
BOBJ1	1	0.	After	LC_Wearing Surface Load	-6.435E-09	-7.467E-10	-1.405E-08	0.
BOBJ1	2	5.3833	Before	LC_Wearing Surface Load	-6.436E-09	-6.748E-10	141.5521	5.3833
BOBJ1	3	5.3833	After	LC_Wearing Surface Load	-6.436E-09	-6.730E-10	141.5521	5.3833
BOBJ1	4	10.7667	Before	LC_Wearing Surface Load	-6.438E-09	-6.027E-10	223.7672	10.7667
BOBJ1	5	10.7667	After	LC_Wearing Surface Load	-6.439E-09	-6.015E-10	223.7672	10.7667
BOBJ1	6	16.15	Before	LC_Wearing Surface Load	-6.442E-09	-5.341E-10	246.6451	16.15
BOBJ1	7	16.15	After	LC_Wearing Surface Load	-6.790E-09	1.918E-08	246.6451	16.15
BOBJ1	8	22.1267	Before	LC_Wearing Surface Load	-6.788E-09	1.926E-08	202.537	22.1267
BOBJ1	9	22.1267	After	LC_Wearing Surface Load	-6.789E-09	1.926E-08	202.537	22.1267
BOBJ1	10	28.1033	Before	LC_Wearing Surface Load	-6.792E-09	1.934E-08	85.2912	28.1033
BOBJ1	11	28.1033	After	LC_Wearing Surface Load	-6.791E-09	1.934E-08	85.2912	28.1033
BOBJ1	12	34.08	Before	LC_Wearing Surface Load	-6.788E-09	1.942E-08	-105.0924	34.08
BOBJ1	13	34.08	After	LC_Wearing Surface Load	-1.040E-08	2.105E-08	-105.0924	34.08
BOBJ1	14	39.855	Before	LC_Wearing Surface Load	-1.040E-08	2.114E-08	-358.5298	39.855
BOBJ1	15	39.855	After	LC_Wearing Surface Load	-5.631E-09	2.108E-08	-358.5298	39.855
BOBJ1	18	45.63	Before	LC_Wearing Surface Load	-1.144E-08	9.111E-08	-680.2525	45.63
BOBJ1	19	45.63	After	LC_Wearing Surface Load	-4.061E-09	2.093E-08	-682.8725	45.63
BOBJ1	22	51.4	Before	LC_Wearing Surface Load	-3.989E-09	3.108E-08	-319.3181	51.4
BOBJ1	23	51.4	After	LC_Wearing Surface Load	-4.112E-09	3.101E-08	-319.3181	51.4
BOBJ1	24	57.17	Before	LC_Wearing Surface Load	-4.115E-09	4.076E-08	-23.9073	57.17
BOBJ1	25	57.17	After	LC_Wearing Surface Load	1.727E-09	8.797E-08	-23.9073	57.17
BOBJ1	26	63.34	Before	LC_Wearing Surface Load	1.722E-09	9.838E-08	216.5632	63.34
BOBJ1	27	63.34	After	LC_Wearing Surface Load	1.720E-09	9.838E-08	216.5632	63.34
BOBJ1	28	69.51	Before	LC_Wearing Surface Load	1.717E-09	1.088E-07	379.0876	69.51
BOBJ1	29	69.51	After	LC_Wearing Surface Load	1.722E-09	1.088E-07	379.0876	69.51
BOBJ1	30	75.68	Before	LC_Wearing Surface Load	1.701E-09	1.192E-07	463.6659	75.68
BOBJ1	31	75.68	After	LC_Wearing Surface Load	-4.353E-09	8.651E-08	463.6659	75.68
BOBJ1	32	81.8467	Before	LC_Wearing Surface Load	-4.343E-09	9.689E-08	470.3156	81.8467
BOBJ1	33	81.8467	After	LC_Wearing Surface Load	-4.322E-09	9.689E-08	470.3156	81.8467

Table 36: Bridge Object Forces, Part 2 of 3

BridgeObj	BridgeCut	Distance	LocType	OutputCase	T	M2	M3	GlobalX
		ft			Kip-ft	Kip-ft	Kip-ft	ft
BOBJ1	34	88.0133	Before	LC_Wearing Surface Load	-4.309E-09	1.073E-07	399.1034	88.0133
BOBJ1	35	88.0133	After	LC_Wearing Surface Load	-4.308E-09	1.073E-07	399.1034	88.0133
BOBJ1	36	94.18	Before	LC_Wearing Surface Load	-4.312E-09	1.177E-07	250.0294	94.18
BOBJ1	37	94.18	After	LC_Wearing Surface Load	-5.035E-09	1.196E-07	250.0294	94.18
BOBJ1	38	100.3567	Before	LC_Wearing Surface Load	-5.031E-09	1.300E-07	22.6622	100.3567
BOBJ1	39	100.3567	After	LC_Wearing Surface Load	-5.036E-09	1.300E-07	22.6622	100.3567
BOBJ1	40	106.5333	Before	LC_Wearing Surface Load	-5.032E-09	1.405E-07	-282.8195	106.5333
BOBJ1	41	106.5333	After	LC_Wearing Surface Load	-5.027E-09	1.405E-07	-282.8195	106.5333
BOBJ1	44	112.71	Before	LC_Wearing Surface Load	-5.050E-09	1.508E-07	-666.3923	112.71
BOBJ1	45	112.71	After	LC_Wearing Surface Load	9.127E-09	1.240E-07	-661.8199	112.71
BOBJ1	48	119.1	Before	LC_Wearing Surface Load	9.072E-09	1.067E-07	-329.5329	119.1
BOBJ1	49	119.1	After	LC_Wearing Surface Load	9.054E-09	1.067E-07	-329.5329	119.1
BOBJ1	50	125.49	Before	LC_Wearing Surface Load	9.053E-09	8.928E-08	-80.8673	125.49
BOBJ1	51	125.49	After	LC_Wearing Surface Load	9.053E-09	8.928E-08	-80.8673	125.49
BOBJ1	52	131.88	Before	LC_Wearing Surface Load	9.052E-09	7.188E-08	84.1947	131.88
BOBJ1	53	131.88	After	LC_Wearing Surface Load	5.010E-09	8.605E-08	84.1947	131.88
BOBJ1	54	138.27	Before	LC_Wearing Surface Load	5.009E-09	6.866E-08	165.6529	138.27
BOBJ1	55	138.27	After	LC_Wearing Surface Load	5.008E-09	6.866E-08	165.6529	138.27
BOBJ1	56	144.66	Before	LC_Wearing Surface Load	5.004E-09	5.127E-08	163.5075	144.66
BOBJ1	57	144.66	After	LC_Wearing Surface Load	5.002E-09	5.127E-08	163.5075	144.66
BOBJ1	58	151.05	Before	LC_Wearing Surface Load	5.000E-09	3.389E-08	77.7582	151.05
BOBJ1	59	151.05	After	LC_Wearing Surface Load	4.745E-09	4.574E-08	77.7582	151.05
BOBJ1	60	157.4367	Before	LC_Wearing Surface Load	4.746E-09	2.832E-08	-91.4846	157.4367
BOBJ1	61	157.4367	After	LC_Wearing Surface Load	4.747E-09	2.832E-08	-91.4846	157.4367
BOBJ1	64	163.8233	Before	LC_Wearing Surface Load	5.018E-09	1.090E-08	-344.3109	163.8233
BOBJ1	65	163.8233	After	LC_Wearing Surface Load	5.039E-09	1.088E-08	-344.3109	163.8233
BOBJ1	68	170.21	Before	LC_Wearing Surface Load	5.175E-09	-8.148E-09	-680.6107	170.21
BOBJ1	69	170.21	After	LC_Wearing Surface Load	2.498E-10	-3.800E-08	-682.4896	170.21
BOBJ1	72	176.6	Before	LC_Wearing Surface Load	5.456E-09	-5.252E-08	-269.7002	176.6
BOBJ1	73	176.6	After	LC_Wearing Surface Load	1.615E-09	-5.240E-08	-269.7002	176.6

Table 36: Bridge Object Forces, Part 2 of 3

BridgeObj	BridgeCut	Distance	LocType	OutputCase	T	M2	M3	GlobalX
		ft			Kip-ft	Kip-ft	Kip-ft	ft
BOBJ1	74	182.99	Before	LC_Wearing Surface Load	1.617E-09	-5.258E-08	59.4856	182.99
BOBJ1	75	182.99	After	LC_Wearing Surface Load	1.611E-09	-5.258E-08	59.4856	182.99
BOBJ1	76	189.38	Before	LC_Wearing Surface Load	1.611E-09	-5.275E-08	305.0676	189.38
BOBJ1	77	189.38	After	LC_Wearing Surface Load	-8.674E-09	-7.121E-08	305.0676	189.38
BOBJ1	78	195.77	Before	LC_Wearing Surface Load	-8.668E-09	-7.141E-08	467.0459	195.77
BOBJ1	79	195.77	After	LC_Wearing Surface Load	-8.670E-09	-7.141E-08	467.0459	195.77
BOBJ1	80	202.16	Before	LC_Wearing Surface Load	-8.692E-09	-7.160E-08	545.4205	202.16
BOBJ1	81	202.16	After	LC_Wearing Surface Load	-8.688E-09	-7.161E-08	545.4205	202.16
BOBJ1	82	208.55	Before	LC_Wearing Surface Load	-8.696E-09	-7.181E-08	540.1914	208.55
BOBJ1	83	208.55	After	LC_Wearing Surface Load	-3.220E-10	-6.730E-08	540.1914	208.55
BOBJ1	84	215.1233	Before	LC_Wearing Surface Load	-3.374E-10	-6.751E-08	447.5761	215.1233
BOBJ1	85	215.1233	After	LC_Wearing Surface Load	-3.289E-10	-6.750E-08	447.5761	215.1233
BOBJ1	86	221.6967	Before	LC_Wearing Surface Load	-3.194E-10	-6.770E-08	266.491	221.6967
BOBJ1	87	221.6967	After	LC_Wearing Surface Load	-3.246E-10	-6.770E-08	266.491	221.6967
BOBJ1	88	228.27	Before	LC_Wearing Surface Load	-3.252E-10	-6.791E-08	-3.064	228.27

Table 36: Bridge Object Forces, Part 3 of 3

Table 36: Bridge Object Forces, Part 3 of 3

BridgeObj	BridgeCut	Distance	LocType	OutputCase	GlobalY	GlobalZ
		ft			ft	ft
BOBJ1	1	0.	After	LC_Dead Load	6.750E-14	-1.0614
BOBJ1	2	5.3833	Before	LC_Dead Load	6.750E-14	-1.0614
BOBJ1	3	5.3833	After	LC_Dead Load	6.750E-14	-1.0614
BOBJ1	4	10.7667	Before	LC_Dead Load	6.750E-14	-1.0614
BOBJ1	5	10.7667	After	LC_Dead Load	6.750E-14	-1.0614
BOBJ1	6	16.15	Before	LC_Dead Load	6.750E-14	-1.0614
BOBJ1	7	16.15	After	LC_Dead Load	6.750E-14	-1.0614
BOBJ1	8	22.1267	Before	LC_Dead Load	6.750E-14	-1.0614
BOBJ1	9	22.1267	After	LC_Dead Load	6.395E-14	-1.0614
BOBJ1	10	28.1033	Before	LC_Dead Load	6.750E-14	-1.0614
BOBJ1	11	28.1033	After	LC_Dead Load	6.395E-14	-1.0614

Table 36: Bridge Object Forces, Part 3 of 3

BridgeObj	BridgeCut	Distance	LocType	OutputCase	GlobalY	GlobalZ
		ft			ft	ft
BOBJ1	12	34.08	Before	LC_Dead Load	6.395E-14	-1.0614
BOBJ1	13	34.08	After	LC_Dead Load	6.750E-14	-1.0614
BOBJ1	14	39.855	Before	LC_Dead Load	6.395E-14	-1.0614
BOBJ1	15	39.855	After	LC_Dead Load	6.750E-14	-1.0614
BOBJ1	18	45.63	Before	LC_Dead Load	1.208E-13	-1.0876
BOBJ1	19	45.63	After	LC_Dead Load	1.208E-13	-1.0876
BOBJ1	22	51.4	Before	LC_Dead Load	6.750E-14	-1.0614
BOBJ1	23	51.4	After	LC_Dead Load	6.750E-14	-1.0614
BOBJ1	24	57.17	Before	LC_Dead Load	6.750E-14	-1.0614
BOBJ1	25	57.17	After	LC_Dead Load	6.750E-14	-1.0614
BOBJ1	26	63.34	Before	LC_Dead Load	6.750E-14	-1.0614
BOBJ1	27	63.34	After	LC_Dead Load	6.750E-14	-1.0614
BOBJ1	28	69.51	Before	LC_Dead Load	6.750E-14	-1.0614
BOBJ1	29	69.51	After	LC_Dead Load	6.750E-14	-1.0614
BOBJ1	30	75.68	Before	LC_Dead Load	6.750E-14	-1.0614
BOBJ1	31	75.68	After	LC_Dead Load	6.750E-14	-1.0614
BOBJ1	32	81.8467	Before	LC_Dead Load	6.750E-14	-1.0614
BOBJ1	33	81.8467	After	LC_Dead Load	6.750E-14	-1.0614
BOBJ1	34	88.0133	Before	LC_Dead Load	8.527E-14	-1.0614
BOBJ1	35	88.0133	After	LC_Dead Load	8.171E-14	-1.0614
BOBJ1	36	94.18	Before	LC_Dead Load	6.750E-14	-1.0614
BOBJ1	37	94.18	After	LC_Dead Load	8.527E-14	-1.0614
BOBJ1	38	100.3567	Before	LC_Dead Load	9.237E-14	-1.0614
BOBJ1	39	100.3567	After	LC_Dead Load	6.750E-14	-1.0614
BOBJ1	40	106.5333	Before	LC_Dead Load	6.750E-14	-1.0614
BOBJ1	41	106.5333	After	LC_Dead Load	6.750E-14	-1.0614
BOBJ1	44	112.71	Before	LC_Dead Load	1.208E-13	-1.0876
BOBJ1	45	112.71	After	LC_Dead Load	1.208E-13	-1.0876
BOBJ1	48	119.1	Before	LC_Dead Load	6.750E-14	-1.0614
BOBJ1	49	119.1	After	LC_Dead Load	6.750E-14	-1.0614

Table 36: Bridge Object Forces, Part 3 of 3

BridgeObj	BridgeCut	Distance	LocType	OutputCase	GlobalY	GlobalZ
		ft			ft	ft
BOBJ1	50	125.49	Before	LC_Dead Load	6.750E-14	-1.0614
BOBJ1	51	125.49	After	LC_Dead Load	6.750E-14	-1.0614
BOBJ1	52	131.88	Before	LC_Dead Load	6.750E-14	-1.0614
BOBJ1	53	131.88	After	LC_Dead Load	6.750E-14	-1.0614
BOBJ1	54	138.27	Before	LC_Dead Load	9.237E-14	-1.0614
BOBJ1	55	138.27	After	LC_Dead Load	8.882E-14	-1.0614
BOBJ1	56	144.66	Before	LC_Dead Load	6.395E-14	-1.0614
BOBJ1	57	144.66	After	LC_Dead Load	6.750E-14	-1.0614
BOBJ1	58	151.05	Before	LC_Dead Load	6.750E-14	-1.0614
BOBJ1	59	151.05	After	LC_Dead Load	6.750E-14	-1.0614
BOBJ1	60	157.4367	Before	LC_Dead Load	6.750E-14	-1.0614
BOBJ1	61	157.4367	After	LC_Dead Load	6.750E-14	-1.0614
BOBJ1	64	163.8233	Before	LC_Dead Load	9.237E-14	-1.1614
BOBJ1	65	163.8233	After	LC_Dead Load	9.237E-14	-1.1614
BOBJ1	68	170.21	Before	LC_Dead Load	7.461E-14	-1.1972
BOBJ1	69	170.21	After	LC_Dead Load	7.461E-14	-1.1972
BOBJ1	72	176.6	Before	LC_Dead Load	9.237E-14	-1.1614
BOBJ1	73	176.6	After	LC_Dead Load	9.237E-14	-1.1614
BOBJ1	74	182.99	Before	LC_Dead Load	9.237E-14	-1.1614
BOBJ1	75	182.99	After	LC_Dead Load	9.237E-14	-1.1614
BOBJ1	76	189.38	Before	LC_Dead Load	9.237E-14	-1.1614
BOBJ1	77	189.38	After	LC_Dead Load	9.237E-14	-1.1614
BOBJ1	78	195.77	Before	LC_Dead Load	9.237E-14	-1.1614
BOBJ1	79	195.77	After	LC_Dead Load	9.237E-14	-1.1614
BOBJ1	80	202.16	Before	LC_Dead Load	9.237E-14	-1.1614
BOBJ1	81	202.16	After	LC_Dead Load	9.237E-14	-1.1614
BOBJ1	82	208.55	Before	LC_Dead Load	9.237E-14	-1.1614
BOBJ1	83	208.55	After	LC_Dead Load	9.237E-14	-1.1614
BOBJ1	84	215.1233	Before	LC_Dead Load	9.237E-14	-1.1614
BOBJ1	85	215.1233	After	LC_Dead Load	9.237E-14	-1.1614

Table 36: Bridge Object Forces, Part 3 of 3

BridgeObj	BridgeCut	Distance	LocType	OutputCase	GlobalY	GlobalZ
		ft			ft	ft
BOBJ1	86	221.6967	Before	LC_Dead Load	9.237E-14	-1.1614
BOBJ1	87	221.6967	After	LC_Dead Load	9.237E-14	-1.1614
BOBJ1	88	228.27	Before	LC_Dead Load	9.237E-14	-1.1614
BOBJ1	1	0.	After	LC_Wearing Surface Load	6.750E-14	-1.0614
BOBJ1	2	5.3833	Before	LC_Wearing Surface Load	6.750E-14	-1.0614
BOBJ1	3	5.3833	After	LC_Wearing Surface Load	6.750E-14	-1.0614
BOBJ1	4	10.7667	Before	LC_Wearing Surface Load	6.750E-14	-1.0614
BOBJ1	5	10.7667	After	LC_Wearing Surface Load	6.750E-14	-1.0614
BOBJ1	6	16.15	Before	LC_Wearing Surface Load	6.750E-14	-1.0614
BOBJ1	7	16.15	After	LC_Wearing Surface Load	6.750E-14	-1.0614
BOBJ1	8	22.1267	Before	LC_Wearing Surface Load	6.750E-14	-1.0614
BOBJ1	9	22.1267	After	LC_Wearing Surface Load	6.395E-14	-1.0614
BOBJ1	10	28.1033	Before	LC_Wearing Surface Load	6.750E-14	-1.0614
BOBJ1	11	28.1033	After	LC_Wearing Surface Load	6.395E-14	-1.0614
BOBJ1	12	34.08	Before	LC_Wearing Surface Load	6.395E-14	-1.0614
BOBJ1	13	34.08	After	LC_Wearing Surface Load	6.750E-14	-1.0614
BOBJ1	14	39.855	Before	LC_Wearing Surface Load	6.395E-14	-1.0614
BOBJ1	15	39.855	After	LC_Wearing Surface Load	6.750E-14	-1.0614
BOBJ1	18	45.63	Before	LC_Wearing Surface Load	1.208E-13	-1.0876
BOBJ1	19	45.63	After	LC_Wearing Surface Load	1.208E-13	-1.0876
BOBJ1	22	51.4	Before	LC_Wearing Surface Load	6.750E-14	-1.0614
BOBJ1	23	51.4	After	LC_Wearing Surface Load	6.750E-14	-1.0614
BOBJ1	24	57.17	Before	LC_Wearing Surface Load	6.750E-14	-1.0614
BOBJ1	25	57.17	After	LC_Wearing Surface Load	6.750E-14	-1.0614
BOBJ1	26	63.34	Before	LC_Wearing Surface Load	6.750E-14	-1.0614
BOBJ1	27	63.34	After	LC_Wearing Surface Load	6.750E-14	-1.0614
BOBJ1	28	69.51	Before	LC_Wearing Surface Load	6.750E-14	-1.0614
BOBJ1	29	69.51	After	LC_Wearing Surface Load	6.750E-14	-1.0614
BOBJ1	30	75.68	Before	LC_Wearing Surface Load	6.750E-14	-1.0614
BOBJ1	31	75.68	After	LC_Wearing Surface Load	6.750E-14	-1.0614

Table 36: Bridge Object Forces, Part 3 of 3

BridgeObj	BridgeCut	Distance	LocType	OutputCase	GlobalY	GlobalZ
		ft			ft	ft
BOBJ1	32	81.8467	Before	LC_Wearing Surface Load	6.750E-14	-1.0614
BOBJ1	33	81.8467	After	LC_Wearing Surface Load	6.750E-14	-1.0614
BOBJ1	34	88.0133	Before	LC_Wearing Surface Load	8.527E-14	-1.0614
BOBJ1	35	88.0133	After	LC_Wearing Surface Load	8.171E-14	-1.0614
BOBJ1	36	94.18	Before	LC_Wearing Surface Load	6.750E-14	-1.0614
BOBJ1	37	94.18	After	LC_Wearing Surface Load	8.527E-14	-1.0614
BOBJ1	38	100.3567	Before	LC_Wearing Surface Load	9.237E-14	-1.0614
BOBJ1	39	100.3567	After	LC_Wearing Surface Load	6.750E-14	-1.0614
BOBJ1	40	106.5333	Before	LC_Wearing Surface Load	6.750E-14	-1.0614
BOBJ1	41	106.5333	After	LC_Wearing Surface Load	6.750E-14	-1.0614
BOBJ1	44	112.71	Before	LC_Wearing Surface Load	1.208E-13	-1.0876
BOBJ1	45	112.71	After	LC_Wearing Surface Load	1.208E-13	-1.0876
BOBJ1	48	119.1	Before	LC_Wearing Surface Load	6.750E-14	-1.0614
BOBJ1	49	119.1	After	LC_Wearing Surface Load	6.750E-14	-1.0614
BOBJ1	50	125.49	Before	LC_Wearing Surface Load	6.750E-14	-1.0614
BOBJ1	51	125.49	After	LC_Wearing Surface Load	6.750E-14	-1.0614
BOBJ1	52	131.88	Before	LC_Wearing Surface Load	6.750E-14	-1.0614
BOBJ1	53	131.88	After	LC_Wearing Surface Load	6.750E-14	-1.0614
BOBJ1	54	138.27	Before	LC_Wearing Surface Load	9.237E-14	-1.0614
BOBJ1	55	138.27	After	LC_Wearing Surface Load	8.882E-14	-1.0614
BOBJ1	56	144.66	Before	LC_Wearing Surface Load	6.395E-14	-1.0614
BOBJ1	57	144.66	After	LC_Wearing Surface Load	6.750E-14	-1.0614
BOBJ1	58	151.05	Before	LC_Wearing Surface Load	6.750E-14	-1.0614
BOBJ1	59	151.05	After	LC_Wearing Surface Load	6.750E-14	-1.0614
BOBJ1	60	157.4367	Before	LC_Wearing Surface Load	6.750E-14	-1.0614
BOBJ1	61	157.4367	After	LC_Wearing Surface Load	6.750E-14	-1.0614
BOBJ1	64	163.8233	Before	LC_Wearing Surface Load	9.237E-14	-1.1614
BOBJ1	65	163.8233	After	LC_Wearing Surface Load	9.237E-14	-1.1614
BOBJ1	68	170.21	Before	LC_Wearing Surface Load	7.461E-14	-1.1972
BOBJ1	69	170.21	After	LC_Wearing Surface Load	7.461E-14	-1.1972

Table 36: Bridge Object Forces, Part 3 of 3

BridgeObj	BridgeCut	Distance	LocType	OutputCase	GlobalY	GlobalZ
		ft			ft	ft
BOBJ1	72	176.6	Before	LC_Wearing Surface Load	9.237E-14	-1.1614
BOBJ1	73	176.6	After	LC_Wearing Surface Load	9.237E-14	-1.1614
BOBJ1	74	182.99	Before	LC_Wearing Surface Load	9.237E-14	-1.1614
BOBJ1	75	182.99	After	LC_Wearing Surface Load	9.237E-14	-1.1614
BOBJ1	76	189.38	Before	LC_Wearing Surface Load	9.237E-14	-1.1614
BOBJ1	77	189.38	After	LC_Wearing Surface Load	9.237E-14	-1.1614
BOBJ1	78	195.77	Before	LC_Wearing Surface Load	9.237E-14	-1.1614
BOBJ1	79	195.77	After	LC_Wearing Surface Load	9.237E-14	-1.1614
BOBJ1	80	202.16	Before	LC_Wearing Surface Load	9.237E-14	-1.1614
BOBJ1	81	202.16	After	LC_Wearing Surface Load	9.237E-14	-1.1614
BOBJ1	82	208.55	Before	LC_Wearing Surface Load	9.237E-14	-1.1614
BOBJ1	83	208.55	After	LC_Wearing Surface Load	9.237E-14	-1.1614
BOBJ1	84	215.1233	Before	LC_Wearing Surface Load	9.237E-14	-1.1614
BOBJ1	85	215.1233	After	LC_Wearing Surface Load	9.237E-14	-1.1614
BOBJ1	86	221.6967	Before	LC_Wearing Surface Load	9.237E-14	-1.1614
BOBJ1	87	221.6967	After	LC_Wearing Surface Load	9.237E-14	-1.1614
BOBJ1	88	228.27	Before	LC_Wearing Surface Load	9.237E-14	-1.1614

10. Material take-off

This section provides a material take-off.

Table 37: Material List 2 - By Section Property

Table 37: Material List 2 - By Section Property

Section	ObjectType	NumPieces	TotalLength	TotalWeight
			ft	Kip
Bent Cap	Frame	5	300.	720.
Column Section	Frame	15	345.	828.
C15x33.9	Frame	28	224.	7.592
Int Diaphragm Section	Frame	63	504.	27.13
FSEC1	Frame	432	2460.9568	94.263
FSEC3	Frame	72	203.82	4.161
FSEC4	Frame	16	78.4032	4.339
FSEC5	Frame	32	90.5862	1.156
FSEC6	Frame	44	232.24	12.063
FSEC7	Frame	132	834.72	40.471

Table 37: Material List 2 - By Section Property

Section	ObjectType	NumPieces	TotalLength	TotalWeight
			ft	Kip
FSEC8	Frame	8	46.	3.662
ASEC1	Area			1166.68
ASEC2	Area			139.007
BFIXSS-1	Link	40		0.
Vertical only-2	Link	16		0.
BBRG1-2	Link	24		0.

TDOT Department of Transportation



4. Load Rating Output

Gresham Smith

Genuine Ingenuity

222 Second Avenue South / Suite 1400

Nashville, Tennessee 37201 / Phone 615.770.8100

June 30th, 2020

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelNonCompStrgth-Flx - Main Span Girders									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
HL93_str_opr	BOBJ1	0	After	Left Exterior Girder	0	0.95	1	1	155.412696
HL93_str_opr	BOBJ1	0	After	Interior Girder 1	0	0.95	1	1	128.984171
HL93_str_opr	BOBJ1	0	After	Interior Girder 2	0	0.95	1	1	128.984043
HL93_str_opr	BOBJ1	0	After	Right Exterior Girder	0	0.95	1	1	155.412685
HL93_str_opr	BOBJ1	11.25	Before	Left Exterior Girder	11.25	0.95	1	1	8.046053
HL93_str_opr	BOBJ1	11.25	Before	Interior Girder 1	11.25	0.95	1	1	5.875472
HL93_str_opr	BOBJ1	11.25	Before	Interior Girder 2	11.25	0.95	1	1	5.875474
HL93_str_opr	BOBJ1	11.25	Before	Right Exterior Girder	11.25	0.95	1	1	8.046052
HL93_str_opr	BOBJ1	11.25	After	Left Exterior Girder	11.25	0.95	1	1	8.056468
HL93_str_opr	BOBJ1	11.25	After	Interior Girder 1	11.25	0.95	1	1	5.932471
HL93_str_opr	BOBJ1	11.25	After	Interior Girder 2	11.25	0.95	1	1	5.932472
HL93_str_opr	BOBJ1	11.25	After	Right Exterior Girder	11.25	0.95	1	1	8.056467
HL93_str_opr	BOBJ1	22.5	Before	Left Exterior Girder	22.5	0.95	1	1	3.366013
HL93_str_opr	BOBJ1	22.5	Before	Interior Girder 1	22.5	0.95	1	1	2.782127
HL93_str_opr	BOBJ1	22.5	Before	Interior Girder 2	22.5	0.95	1	1	2.782128
HL93_str_opr	BOBJ1	22.5	Before	Right Exterior Girder	22.5	0.95	1	1	3.366012
HL93_str_opr	BOBJ1	22.5	After	Left Exterior Girder	22.5	0.95	1	1	3.496875
HL93_str_opr	BOBJ1	22.5	After	Interior Girder 1	22.5	0.95	1	1	2.793822
HL93_str_opr	BOBJ1	22.5	After	Interior Girder 2	22.5	0.95	1	1	2.793822
HL93_str_opr	BOBJ1	22.5	After	Right Exterior Girder	22.5	0.95	1	1	3.496875
HL93_str_opr	BOBJ1	33.75	Before	Left Exterior Girder	33.75	0.95	1	1	1.985815
HL93_str_opr	BOBJ1	33.75	Before	Interior Girder 1	33.75	0.95	1	1	1.695172
HL93_str_opr	BOBJ1	33.75	Before	Interior Girder 2	33.75	0.95	1	1	1.695172
HL93_str_opr	BOBJ1	33.75	Before	Right Exterior Girder	33.75	0.95	1	1	1.985815
HL93_str_opr	BOBJ1	33.75	After	Left Exterior Girder	33.75	0.95	1	1	1.992272
HL93_str_opr	BOBJ1	33.75	After	Interior Girder 1	33.75	0.95	1	1	1.694024
HL93_str_opr	BOBJ1	33.75	After	Interior Girder 2	33.75	0.95	1	1	1.694024
HL93_str_opr	BOBJ1	33.75	After	Right Exterior Girder	33.75	0.95	1	1	1.992272
HL93_str_opr	BOBJ1	38.8274	Before	Left Exterior Girder	38.8274	0.95	1	1	1.611227
HL93_str_opr	BOBJ1	38.8274	Before	Interior Girder 1	38.8274	0.95	1	1	1.419827
HL93_str_opr	BOBJ1	38.8274	Before	Interior Girder 2	38.8274	0.95	1	1	1.419827
HL93_str_opr	BOBJ1	38.8274	Before	Right Exterior Girder	38.8274	0.95	1	1	1.611227
HL93_str_opr	BOBJ1	38.8274	After	Left Exterior Girder	38.8274	0.95	1	1	3.753811
HL93_str_opr	BOBJ1	38.8274	After	Interior Girder 1	38.8274	0.95	1	1	3.313523
HL93_str_opr	BOBJ1	38.8274	After	Interior Girder 2	38.8274	0.95	1	1	3.313524
HL93_str_opr	BOBJ1	38.8274	After	Right Exterior Girder	38.8274	0.95	1	1	3.753811
HL93_str_opr	BOBJ1	45	Before	Left Exterior Girder	45	0.95	1	1	3.199727
HL93_str_opr	BOBJ1	45	Before	Interior Girder 1	45	0.95	1	1	2.907785
HL93_str_opr	BOBJ1	45	Before	Interior Girder 2	45	0.95	1	1	2.907785
HL93_str_opr	BOBJ1	45	Before	Right Exterior Girder	45	0.95	1	1	3.199727
HL93_str_opr	BOBJ1	45	After	Left Exterior Girder	45	0.95	1	1	3.248459
HL93_str_opr	BOBJ1	45	After	Interior Girder 1	45	0.95	1	1	2.89949
HL93_str_opr	BOBJ1	45	After	Interior Girder 2	45	0.95	1	1	2.899489
HL93_str_opr	BOBJ1	45	After	Right Exterior Girder	45	0.95	1	1	3.248459
HL93_str_opr	BOBJ1	56.25	Before	Left Exterior Girder	56.25	0.95	1	1	2.647644
HL93_str_opr	BOBJ1	56.25	Before	Interior Girder 1	56.25	0.95	1	1	2.411039
HL93_str_opr	BOBJ1	56.25	Before	Interior Girder 2	56.25	0.95	1	1	2.411039
HL93_str_opr	BOBJ1	56.25	Before	Right Exterior Girder	56.25	0.95	1	1	2.647644
HL93_str_opr	BOBJ1	56.25	After	Left Exterior Girder	56.25	0.95	1	1	2.649869
HL93_str_opr	BOBJ1	56.25	After	Interior Girder 1	56.25	0.95	1	1	2.408499
HL93_str_opr	BOBJ1	56.25	After	Interior Girder 2	56.25	0.95	1	1	2.408499
HL93_str_opr	BOBJ1	56.25	After	Right Exterior Girder	56.25	0.95	1	1	2.64987
HL93_str_opr	BOBJ1	67.5	Before	Left Exterior Girder	67.5	0.95	1	1	2.322749
HL93_str_opr	BOBJ1	67.5	Before	Interior Girder 1	67.5	0.95	1	1	2.16074
HL93_str_opr	BOBJ1	67.5	Before	Interior Girder 2	67.5	0.95	1	1	2.16074
HL93_str_opr	BOBJ1	67.5	Before	Right Exterior Girder	67.5	0.95	1	1	2.322749
HL93_str_opr	BOBJ1	67.5	After	Left Exterior Girder	67.5	0.95	1	1	2.347752
HL93_str_opr	BOBJ1	67.5	After	Interior Girder 1	67.5	0.95	1	1	2.170606
HL93_str_opr	BOBJ1	67.5	After	Interior Girder 2	67.5	0.95	1	1	2.170605
HL93_str_opr	BOBJ1	67.5	After	Right Exterior Girder	67.5	0.95	1	1	2.347752
HL93_str_opr	BOBJ1	78.75	Before	Left Exterior Girder	78.75	0.95	1	1	2.23656
HL93_str_opr	BOBJ1	78.75	Before	Interior Girder 1	78.75	0.95	1	1	2.06343
HL93_str_opr	BOBJ1	78.75	Before	Interior Girder 2	78.75	0.95	1	1	2.063429
HL93_str_opr	BOBJ1	78.75	Before	Right Exterior Girder	78.75	0.95	1	1	2.236561
HL93_str_opr	BOBJ1	78.75	After	Left Exterior Girder	78.75	0.95	1	1	2.236391
HL93_str_opr	BOBJ1	78.75	After	Interior Girder 1	78.75	0.95	1	1	2.062672
HL93_str_opr	BOBJ1	78.75	After	Interior Girder 2	78.75	0.95	1	1	2.062672
HL93_str_opr	BOBJ1	78.75	After	Right Exterior Girder	78.75	0.95	1	1	2.236391

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelNonCompStrgth-Flx - Main Span Girders									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
HL93_str_opr	BOBJ1	90	Before	Left Exterior Girder	90	0.95	1	1	2.257537
HL93_str_opr	BOBJ1	90	Before	Interior Girder 1	90	0.95	1	1	2.102696
HL93_str_opr	BOBJ1	90	Before	Interior Girder 2	90	0.95	1	1	2.102695
HL93_str_opr	BOBJ1	90	Before	Right Exterior Girder	90	0.95	1	1	2.257537
HL93_str_opr	BOBJ1	90	After	Left Exterior Girder	90	0.95	1	1	2.260661
HL93_str_opr	BOBJ1	90	After	Interior Girder 1	90	0.95	1	1	2.103815
HL93_str_opr	BOBJ1	90	After	Interior Girder 2	90	0.95	1	1	2.103815
HL93_str_opr	BOBJ1	90	After	Right Exterior Girder	90	0.95	1	1	2.260661
HL93_str_opr	BOBJ1	101.25	Before	Left Exterior Girder	101.25	0.95	1	1	2.444796
HL93_str_opr	BOBJ1	101.25	Before	Interior Girder 1	101.25	0.95	1	1	2.243481
HL93_str_opr	BOBJ1	101.25	Before	Interior Girder 2	101.25	0.95	1	1	2.243481
HL93_str_opr	BOBJ1	101.25	Before	Right Exterior Girder	101.25	0.95	1	1	2.444796
HL93_str_opr	BOBJ1	101.25	After	Left Exterior Girder	101.25	0.95	1	1	2.442477
HL93_str_opr	BOBJ1	101.25	After	Interior Girder 1	101.25	0.95	1	1	2.241963
HL93_str_opr	BOBJ1	101.25	After	Interior Girder 2	101.25	0.95	1	1	2.241963
HL93_str_opr	BOBJ1	101.25	After	Right Exterior Girder	101.25	0.95	1	1	2.442477
HL93_str_opr	BOBJ1	112.5	Before	Left Exterior Girder	112.5	0.95	1	1	2.758276
HL93_str_opr	BOBJ1	112.5	Before	Interior Girder 1	112.5	0.95	1	1	2.530093
HL93_str_opr	BOBJ1	112.5	Before	Interior Girder 2	112.5	0.95	1	1	2.530093
HL93_str_opr	BOBJ1	112.5	Before	Right Exterior Girder	112.5	0.95	1	1	2.758276
HL93_str_opr	BOBJ1	112.5	After	Left Exterior Girder	112.5	0.95	1	1	2.743088
HL93_str_opr	BOBJ1	112.5	After	Interior Girder 1	112.5	0.95	1	1	2.527205
HL93_str_opr	BOBJ1	112.5	After	Interior Girder 2	112.5	0.95	1	1	2.527205
HL93_str_opr	BOBJ1	112.5	After	Right Exterior Girder	112.5	0.95	1	1	2.743088
HL93_str_opr	BOBJ1	123.75	Before	Left Exterior Girder	123.75	0.95	1	1	3.288489
HL93_str_opr	BOBJ1	123.75	Before	Interior Girder 1	123.75	0.95	1	1	2.953931
HL93_str_opr	BOBJ1	123.75	Before	Interior Girder 2	123.75	0.95	1	1	2.953931
HL93_str_opr	BOBJ1	123.75	Before	Right Exterior Girder	123.75	0.95	1	1	3.288489
HL93_str_opr	BOBJ1	123.75	After	Left Exterior Girder	123.75	0.95	1	1	3.289357
HL93_str_opr	BOBJ1	123.75	After	Interior Girder 1	123.75	0.95	1	1	2.952789
HL93_str_opr	BOBJ1	123.75	After	Interior Girder 2	123.75	0.95	1	1	2.952789
HL93_str_opr	BOBJ1	123.75	After	Right Exterior Girder	123.75	0.95	1	1	3.289357
HL93_str_opr	BOBJ1	126.4381	Before	Left Exterior Girder	126.4381	0.95	1	1	3.456434
HL93_str_opr	BOBJ1	126.4381	Before	Interior Girder 1	126.4381	0.95	1	1	3.08813
HL93_str_opr	BOBJ1	126.4381	Before	Interior Girder 2	126.4381	0.95	1	1	3.088131
HL93_str_opr	BOBJ1	126.4381	Before	Right Exterior Girder	126.4381	0.95	1	1	3.456434
HL93_str_opr	BOBJ1	126.4381	After	Left Exterior Girder	126.4381	0.95	1	1	1.825465
HL93_str_opr	BOBJ1	126.4381	After	Interior Girder 1	126.4381	0.95	1	1	1.635362
HL93_str_opr	BOBJ1	126.4381	After	Interior Girder 2	126.4381	0.95	1	1	1.635363
HL93_str_opr	BOBJ1	126.4381	After	Right Exterior Girder	126.4381	0.95	1	1	1.825465
HL93_str_opr	BOBJ1	135	Before	Left Exterior Girder	135	0.95	1	1	2.333258
HL93_str_opr	BOBJ1	135	Before	Interior Girder 1	135	0.95	1	1	2.067068
HL93_str_opr	BOBJ1	135	Before	Interior Girder 2	135	0.95	1	1	2.067068
HL93_str_opr	BOBJ1	135	Before	Right Exterior Girder	135	0.95	1	1	2.333258
HL93_str_opr	BOBJ1	135	After	Left Exterior Girder	135	0.95	1	1	2.292714
HL93_str_opr	BOBJ1	135	After	Interior Girder 1	135	0.95	1	1	2.055295
HL93_str_opr	BOBJ1	135	After	Interior Girder 2	135	0.95	1	1	2.055295
HL93_str_opr	BOBJ1	135	After	Right Exterior Girder	135	0.95	1	1	2.292714
HL93_str_opr	BOBJ1	146.25	Before	Left Exterior Girder	146.25	0.95	1	1	3.293043
HL93_str_opr	BOBJ1	146.25	Before	Interior Girder 1	146.25	0.95	1	1	2.820737
HL93_str_opr	BOBJ1	146.25	Before	Interior Girder 2	146.25	0.95	1	1	2.820737
HL93_str_opr	BOBJ1	146.25	Before	Right Exterior Girder	146.25	0.95	1	1	3.293043
HL93_str_opr	BOBJ1	146.25	After	Left Exterior Girder	146.25	0.95	1	1	3.288778
HL93_str_opr	BOBJ1	146.25	After	Interior Girder 1	146.25	0.95	1	1	2.822743
HL93_str_opr	BOBJ1	146.25	After	Interior Girder 2	146.25	0.95	1	1	2.822743
HL93_str_opr	BOBJ1	146.25	After	Right Exterior Girder	146.25	0.95	1	1	3.288778
HL93_str_opr	BOBJ1	157.5	Before	Left Exterior Girder	157.5	0.95	1	1	2.784129
HL93_str_opr	BOBJ1	157.5	Before	Interior Girder 1	157.5	0.95	1	1	2.743872
HL93_str_opr	BOBJ1	157.5	Before	Interior Girder 2	157.5	0.95	1	1	2.743871
HL93_str_opr	BOBJ1	157.5	Before	Right Exterior Girder	157.5	0.95	1	1	2.78413
HL93_str_opr	BOBJ1	157.5	After	Left Exterior Girder	157.5	0.95	1	1	1.980737
HL93_str_opr	BOBJ1	157.5	After	Interior Girder 1	157.5	0.95	1	1	1.937017
HL93_str_opr	BOBJ1	157.5	After	Interior Girder 2	157.5	0.95	1	1	1.937017
HL93_str_opr	BOBJ1	157.5	After	Right Exterior Girder	157.5	0.95	1	1	1.980737
HL93_str_opr	BOBJ1	168.2522	Before	Left Exterior Girder	168.2522	0.95	1	1	0.962963
HL93_str_opr	BOBJ1	168.2522	Before	Interior Girder 1	168.2522	0.95	1	1	0.93514
HL93_str_opr	BOBJ1	168.2522	Before	Interior Girder 2	168.2522	0.95	1	1	0.93514
HL93_str_opr	BOBJ1	168.2522	Before	Right Exterior Girder	168.2522	0.95	1	1	0.962963

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelINonCompStrgth-Flx - Main Span Girders									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
HL93_str_opr	BOBJ1	168.2522	After	Left Exterior Girder	168.2522	0.95	1	1	3.028632
HL93_str_opr	BOBJ1	168.2522	After	Interior Girder 1	168.2522	0.95	1	1	2.912389
HL93_str_opr	BOBJ1	168.2522	After	Interior Girder 2	168.2522	0.95	1	1	2.912389
HL93_str_opr	BOBJ1	168.2522	After	Right Exterior Girder	168.2522	0.95	1	1	3.028632
HL93_str_opr	BOBJ1	168.75	Before	Left Exterior Girder	168.75	0.95	1	1	2.972087
HL93_str_opr	BOBJ1	168.75	Before	Interior Girder 1	168.75	0.95	1	1	2.862229
HL93_str_opr	BOBJ1	168.75	Before	Interior Girder 2	168.75	0.95	1	1	2.862229
HL93_str_opr	BOBJ1	168.75	Before	Right Exterior Girder	168.75	0.95	1	1	2.972088
HL93_str_opr	BOBJ1	168.75	After	Left Exterior Girder	168.75	0.95	1	1	2.979284
HL93_str_opr	BOBJ1	168.75	After	Interior Girder 1	168.75	0.95	1	1	2.855528
HL93_str_opr	BOBJ1	168.75	After	Interior Girder 2	168.75	0.95	1	1	2.855528
HL93_str_opr	BOBJ1	168.75	After	Right Exterior Girder	168.75	0.95	1	1	2.979285
HL93_str_opr	BOBJ1	180	Before	Left Exterior Girder	180	0.95	1	1	1.770007
HL93_str_opr	BOBJ1	180	Before	Interior Girder 1	180	0.95	1	1	1.675775
HL93_str_opr	BOBJ1	180	Before	Interior Girder 2	180	0.95	1	1	1.675775
HL93_str_opr	BOBJ1	180	Before	Right Exterior Girder	180	0.95	1	1	1.770007
HL93_str_opr	BOBJ1	180	After	Left Exterior Girder	180	0.95	1	1	2.465818
HL93_str_opr	BOBJ1	180	After	Interior Girder 1	180	0.95	1	1	2.308592
HL93_str_opr	BOBJ1	180	After	Interior Girder 2	180	0.95	1	1	2.308592
HL93_str_opr	BOBJ1	180	After	Right Exterior Girder	180	0.95	1	1	2.465818
HL93_str_opr	BOBJ1	183.1858	Before	Left Exterior Girder	183.1858	0.95	1	1	2.110474
HL93_str_opr	BOBJ1	183.1858	Before	Interior Girder 1	183.1858	0.95	1	1	1.96662
HL93_str_opr	BOBJ1	183.1858	Before	Interior Girder 2	183.1858	0.95	1	1	1.96662
HL93_str_opr	BOBJ1	183.1858	Before	Right Exterior Girder	183.1858	0.95	1	1	2.110474
HL93_str_opr	BOBJ1	183.1858	After	Left Exterior Girder	183.1858	0.95	1	1	4.72295
HL93_str_opr	BOBJ1	183.1858	After	Interior Girder 1	183.1858	0.95	1	1	4.390245
HL93_str_opr	BOBJ1	183.1858	After	Interior Girder 2	183.1858	0.95	1	1	4.390245
HL93_str_opr	BOBJ1	183.1858	After	Right Exterior Girder	183.1858	0.95	1	1	4.72295
HL93_str_opr	BOBJ1	191.25	Before	Left Exterior Girder	191.25	0.95	1	1	3.659435
HL93_str_opr	BOBJ1	191.25	Before	Interior Girder 1	191.25	0.95	1	1	3.343387
HL93_str_opr	BOBJ1	191.25	Before	Interior Girder 2	191.25	0.95	1	1	3.343387
HL93_str_opr	BOBJ1	191.25	Before	Right Exterior Girder	191.25	0.95	1	1	3.659435
HL93_str_opr	BOBJ1	191.25	After	Left Exterior Girder	191.25	0.95	1	1	3.673607
HL93_str_opr	BOBJ1	191.25	After	Interior Girder 1	191.25	0.95	1	1	3.336305
HL93_str_opr	BOBJ1	191.25	After	Interior Girder 2	191.25	0.95	1	1	3.336305
HL93_str_opr	BOBJ1	191.25	After	Right Exterior Girder	191.25	0.95	1	1	3.673607
HL93_str_opr	BOBJ1	199.9414	Before	Left Exterior Girder	199.9414	0.95	1	1	2.590667
HL93_str_opr	BOBJ1	199.9414	Before	Interior Girder 1	199.9414	0.95	1	1	2.303526
HL93_str_opr	BOBJ1	199.9414	Before	Interior Girder 2	199.9414	0.95	1	1	2.303526
HL93_str_opr	BOBJ1	199.9414	Before	Right Exterior Girder	199.9414	0.95	1	1	2.590667
HL93_str_opr	BOBJ1	199.9414	After	Left Exterior Girder	199.9414	0.95	1	1	4.462228
HL93_str_opr	BOBJ1	199.9414	After	Interior Girder 1	199.9414	0.95	1	1	3.976046
HL93_str_opr	BOBJ1	199.9414	After	Interior Girder 2	199.9414	0.95	1	1	3.976047
HL93_str_opr	BOBJ1	199.9414	After	Right Exterior Girder	199.9414	0.95	1	1	4.462228
HL93_str_opr	BOBJ1	202.5	Before	Left Exterior Girder	202.5	0.95	1	1	4.065802
HL93_str_opr	BOBJ1	202.5	Before	Interior Girder 1	202.5	0.95	1	1	3.6354
HL93_str_opr	BOBJ1	202.5	Before	Interior Girder 2	202.5	0.95	1	1	3.6354
HL93_str_opr	BOBJ1	202.5	Before	Right Exterior Girder	202.5	0.95	1	1	4.065802
HL93_str_opr	BOBJ1	202.5	After	Left Exterior Girder	202.5	0.95	1	1	4.156245
HL93_str_opr	BOBJ1	202.5	After	Interior Girder 1	202.5	0.95	1	1	3.667569
HL93_str_opr	BOBJ1	202.5	After	Interior Girder 2	202.5	0.95	1	1	3.667569
HL93_str_opr	BOBJ1	202.5	After	Right Exterior Girder	202.5	0.95	1	1	4.156245
HL93_str_opr	BOBJ1	210.5642	Before	Left Exterior Girder	210.5642	0.95	1	1	2.948183
HL93_str_opr	BOBJ1	210.5642	Before	Interior Girder 1	210.5642	0.95	1	1	2.647028
HL93_str_opr	BOBJ1	210.5642	Before	Interior Girder 2	210.5642	0.95	1	1	2.647028
HL93_str_opr	BOBJ1	210.5642	Before	Right Exterior Girder	210.5642	0.95	1	1	2.948183
HL93_str_opr	BOBJ1	210.5642	After	Left Exterior Girder	210.5642	0.95	1	1	4.519045
HL93_str_opr	BOBJ1	210.5642	After	Interior Girder 1	210.5642	0.95	1	1	4.078731
HL93_str_opr	BOBJ1	210.5642	After	Interior Girder 2	210.5642	0.95	1	1	4.078731
HL93_str_opr	BOBJ1	210.5642	After	Right Exterior Girder	210.5642	0.95	1	1	4.519045
HL93_str_opr	BOBJ1	213.75	Before	Left Exterior Girder	213.75	0.95	1	1	4.022198
HL93_str_opr	BOBJ1	213.75	Before	Interior Girder 1	213.75	0.95	1	1	3.597204
HL93_str_opr	BOBJ1	213.75	Before	Interior Girder 2	213.75	0.95	1	1	3.597204
HL93_str_opr	BOBJ1	213.75	Before	Right Exterior Girder	213.75	0.95	1	1	4.022198
HL93_str_opr	BOBJ1	213.75	After	Left Exterior Girder	213.75	0.95	1	1	4.022266
HL93_str_opr	BOBJ1	213.75	After	Interior Girder 1	213.75	0.95	1	1	3.596028
HL93_str_opr	BOBJ1	213.75	After	Interior Girder 2	213.75	0.95	1	1	3.596028
HL93_str_opr	BOBJ1	213.75	After	Right Exterior Girder	213.75	0.95	1	1	4.022266

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelNonCompStrgth-Flx - Main Span Girders									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
HL93_str_opr	BOBJ1	225	Before	Left Exterior Girder	225	0.95	1	1	2.496109
HL93_str_opr	BOBJ1	225	Before	Interior Girder 1	225	0.95	1	1	2.151087
HL93_str_opr	BOBJ1	225	Before	Interior Girder 2	225	0.95	1	1	2.151087
HL93_str_opr	BOBJ1	225	Before	Right Exterior Girder	225	0.95	1	1	2.496109
HL93_str_opr	BOBJ1	225	After	Left Exterior Girder	0	0.95	1	1	2.322026
HL93_str_opr	BOBJ1	225	After	Interior Girder 1	0	0.95	1	1	2.102856
HL93_str_opr	BOBJ1	225	After	Interior Girder 2	0	0.95	1	1	2.102856
HL93_str_opr	BOBJ1	225	After	Right Exterior Girder	0	0.95	1	1	2.322026
HL93_str_opr	BOBJ1	236.45	Before	Left Exterior Girder	11.45	0.95	1	1	4.002317
HL93_str_opr	BOBJ1	236.45	Before	Interior Girder 1	11.45	0.95	1	1	3.849773
HL93_str_opr	BOBJ1	236.45	Before	Interior Girder 2	11.45	0.95	1	1	3.849773
HL93_str_opr	BOBJ1	236.45	Before	Right Exterior Girder	11.45	0.95	1	1	4.002317
HL93_str_opr	BOBJ1	236.45	After	Left Exterior Girder	11.45	0.95	1	1	4.009973
HL93_str_opr	BOBJ1	236.45	After	Interior Girder 1	11.45	0.95	1	1	3.848571
HL93_str_opr	BOBJ1	236.45	After	Interior Girder 2	11.45	0.95	1	1	3.848571
HL93_str_opr	BOBJ1	236.45	After	Right Exterior Girder	11.45	0.95	1	1	4.009973
HL93_str_opr	BOBJ1	239.5082	Before	Left Exterior Girder	14.5082	0.95	1	1	4.573976
HL93_str_opr	BOBJ1	239.5082	Before	Interior Girder 1	14.5082	0.95	1	1	4.423681
HL93_str_opr	BOBJ1	239.5082	Before	Interior Girder 2	14.5082	0.95	1	1	4.423681
HL93_str_opr	BOBJ1	239.5082	Before	Right Exterior Girder	14.5082	0.95	1	1	4.573976
HL93_str_opr	BOBJ1	239.5082	After	Left Exterior Girder	14.5082	0.95	1	1	3.02653
HL93_str_opr	BOBJ1	239.5082	After	Interior Girder 1	14.5082	0.95	1	1	2.924022
HL93_str_opr	BOBJ1	239.5082	After	Interior Girder 2	14.5082	0.95	1	1	2.924022
HL93_str_opr	BOBJ1	239.5082	After	Right Exterior Girder	14.5082	0.95	1	1	3.02653
HL93_str_opr	BOBJ1	247.9	Before	Left Exterior Girder	22.9	0.95	1	1	4.565013
HL93_str_opr	BOBJ1	247.9	Before	Interior Girder 1	22.9	0.95	1	1	4.437975
HL93_str_opr	BOBJ1	247.9	Before	Interior Girder 2	22.9	0.95	1	1	4.437975
HL93_str_opr	BOBJ1	247.9	Before	Right Exterior Girder	22.9	0.95	1	1	4.565013
HL93_str_opr	BOBJ1	247.9	After	Left Exterior Girder	22.9	0.95	1	1	4.462876
HL93_str_opr	BOBJ1	247.9	After	Interior Girder 1	22.9	0.95	1	1	4.422976
HL93_str_opr	BOBJ1	247.9	After	Interior Girder 2	22.9	0.95	1	1	4.422976
HL93_str_opr	BOBJ1	247.9	After	Right Exterior Girder	22.9	0.95	1	1	4.462876
HL93_str_opr	BOBJ1	258.5189	Before	Left Exterior Girder	33.5189	0.95	1	1	6.810156
HL93_str_opr	BOBJ1	258.5189	Before	Interior Girder 1	33.5189	0.95	1	1	6.572663
HL93_str_opr	BOBJ1	258.5189	Before	Interior Girder 2	33.5189	0.95	1	1	6.572663
HL93_str_opr	BOBJ1	258.5189	Before	Right Exterior Girder	33.5189	0.95	1	1	6.810156
HL93_str_opr	BOBJ1	258.5189	After	Left Exterior Girder	33.5189	0.95	1	1	4.597556
HL93_str_opr	BOBJ1	258.5189	After	Interior Girder 1	33.5189	0.95	1	1	4.416613
HL93_str_opr	BOBJ1	258.5189	After	Interior Girder 2	33.5189	0.95	1	1	4.416613
HL93_str_opr	BOBJ1	258.5189	After	Right Exterior Girder	33.5189	0.95	1	1	4.597556
HL93_str_opr	BOBJ1	259.3	Before	Left Exterior Girder	34.3	0.95	1	1	4.758315
HL93_str_opr	BOBJ1	259.3	Before	Interior Girder 1	34.3	0.95	1	1	4.561872
HL93_str_opr	BOBJ1	259.3	Before	Interior Girder 2	34.3	0.95	1	1	4.561872
HL93_str_opr	BOBJ1	259.3	Before	Right Exterior Girder	34.3	0.95	1	1	4.758315
HL93_str_opr	BOBJ1	259.3	After	Left Exterior Girder	34.3	0.95	1	1	4.753377
HL93_str_opr	BOBJ1	259.3	After	Interior Girder 1	34.3	0.95	1	1	4.565117
HL93_str_opr	BOBJ1	259.3	After	Interior Girder 2	34.3	0.95	1	1	4.565117
HL93_str_opr	BOBJ1	259.3	After	Right Exterior Girder	34.3	0.95	1	1	4.753377
HL93_str_opr	BOBJ1	266.1031	Before	Left Exterior Girder	41.1031	0.95	1	1	6.201022
HL93_str_opr	BOBJ1	266.1031	Before	Interior Girder 1	41.1031	0.95	1	1	5.942428
HL93_str_opr	BOBJ1	266.1031	Before	Interior Girder 2	41.1031	0.95	1	1	5.942428
HL93_str_opr	BOBJ1	266.1031	Before	Right Exterior Girder	41.1031	0.95	1	1	6.201022
HL93_str_opr	BOBJ1	266.1031	After	Left Exterior Girder	41.1031	0.95	1	1	3.221982
HL93_str_opr	BOBJ1	266.1031	After	Interior Girder 1	41.1031	0.95	1	1	3.072662
HL93_str_opr	BOBJ1	266.1031	After	Interior Girder 2	41.1031	0.95	1	1	3.072662
HL93_str_opr	BOBJ1	266.1031	After	Right Exterior Girder	41.1031	0.95	1	1	3.221982
HL93_str_opr	BOBJ1	270.7	Before	Left Exterior Girder	45.7	0.95	1	1	4.091062
HL93_str_opr	BOBJ1	270.7	Before	Interior Girder 1	45.7	0.95	1	1	3.872188
HL93_str_opr	BOBJ1	270.7	Before	Interior Girder 2	45.7	0.95	1	1	3.872188
HL93_str_opr	BOBJ1	270.7	Before	Right Exterior Girder	45.7	0.95	1	1	4.091061
HL93_str_opr	BOBJ1	270.7	After	Left Exterior Girder	45.7	0.95	1	1	4.743222
HL93_str_opr	BOBJ1	270.7	After	Interior Girder 1	45.7	0.95	1	1	4.552779
HL93_str_opr	BOBJ1	270.7	After	Interior Girder 2	45.7	0.95	1	1	4.552779
HL93_str_opr	BOBJ1	270.7	After	Right Exterior Girder	45.7	0.95	1	1	4.743222
HL93_str_opr	BOBJ1	273.6874	Before	Left Exterior Girder	48.6874	0.95	1	1	5.338836
HL93_str_opr	BOBJ1	273.6874	Before	Interior Girder 1	48.6874	0.95	1	1	5.132279
HL93_str_opr	BOBJ1	273.6874	Before	Interior Girder 2	48.6874	0.95	1	1	5.132279
HL93_str_opr	BOBJ1	273.6874	Before	Right Exterior Girder	48.6874	0.95	1	1	5.338836

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelINonCompStrgth-Flx - Main Span Girders									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
HL93_str_opr	BOBJ1	273.6874	After	Left Exterior Girder	48.6874	0.95	1	1	2.278858
HL93_str_opr	BOBJ1	273.6874	After	Interior Girder 1	48.6874	0.95	1	1	2.222111
HL93_str_opr	BOBJ1	273.6874	After	Interior Girder 2	48.6874	0.95	1	1	2.222111
HL93_str_opr	BOBJ1	273.6874	After	Right Exterior Girder	48.6874	0.95	1	1	2.278857
HL93_str_opr	BOBJ1	282.15	Before	Left Exterior Girder	57.15	0.95	1	1	3.689921
HL93_str_opr	BOBJ1	282.15	Before	Interior Girder 1	57.15	0.95	1	1	3.616096
HL93_str_opr	BOBJ1	282.15	Before	Interior Girder 2	57.15	0.95	1	1	3.616096
HL93_str_opr	BOBJ1	282.15	Before	Right Exterior Girder	57.15	0.95	1	1	3.689921
HL93_str_opr	BOBJ1	282.15	After	Left Exterior Girder	57.15	0.95	1	1	3.683058
HL93_str_opr	BOBJ1	282.15	After	Interior Girder 1	57.15	0.95	1	1	3.62371
HL93_str_opr	BOBJ1	282.15	After	Interior Girder 2	57.15	0.95	1	1	3.62371
HL93_str_opr	BOBJ1	282.15	After	Right Exterior Girder	57.15	0.95	1	1	3.683058
HL93_str_opr	BOBJ1	293.6	Before	Left Exterior Girder	68.6	0.95	1	1	3.435856
HL93_str_opr	BOBJ1	293.6	Before	Interior Girder 1	68.6	0.95	1	1	2.832046
HL93_str_opr	BOBJ1	293.6	Before	Interior Girder 2	68.6	0.95	1	1	2.832046
HL93_str_opr	BOBJ1	293.6	Before	Right Exterior Girder	68.6	0.95	1	1	3.435856
HL93_str_opr	BOBJ1	293.6	After	Left Exterior Girder	68.6	0.95	1	1	3.437794
HL93_str_opr	BOBJ1	293.6	After	Interior Girder 1	68.6	0.95	1	1	2.907308
HL93_str_opr	BOBJ1	293.6	After	Interior Girder 2	68.6	0.95	1	1	2.907308
HL93_str_opr	BOBJ1	293.6	After	Right Exterior Girder	68.6	0.95	1	1	3.437794
HL93_str_opr	BOBJ1	305	Before	Left Exterior Girder	80	0.95	1	1	1.859496
HL93_str_opr	BOBJ1	305	Before	Interior Girder 1	80	0.95	1	1	1.548566
HL93_str_opr	BOBJ1	305	Before	Interior Girder 2	80	0.95	1	1	1.548566
HL93_str_opr	BOBJ1	305	Before	Right Exterior Girder	80	0.95	1	1	1.859496
HL93_str_opr	BOBJ1	305	After	Left Exterior Girder	80	0.95	1	1	1.860546
HL93_str_opr	BOBJ1	305	After	Interior Girder 1	80	0.95	1	1	1.547852
HL93_str_opr	BOBJ1	305	After	Interior Girder 2	80	0.95	1	1	1.547852
HL93_str_opr	BOBJ1	305	After	Right Exterior Girder	80	0.95	1	1	1.860546
HL93_str_opr	BOBJ1	306.9561	Before	Left Exterior Girder	81.9561	0.95	1	1	1.638832
HL93_str_opr	BOBJ1	306.9561	Before	Interior Girder 1	81.9561	0.95	1	1	1.379129
HL93_str_opr	BOBJ1	306.9561	Before	Interior Girder 2	81.9561	0.95	1	1	1.379129
HL93_str_opr	BOBJ1	306.9561	Before	Right Exterior Girder	81.9561	0.95	1	1	1.638832
HL93_str_opr	BOBJ1	306.9561	After	Left Exterior Girder	81.9561	0.95	1	1	4.291312
HL93_str_opr	BOBJ1	306.9561	After	Interior Girder 1	81.9561	0.95	1	1	3.64709
HL93_str_opr	BOBJ1	306.9561	After	Interior Girder 2	81.9561	0.95	1	1	3.64709
HL93_str_opr	BOBJ1	306.9561	After	Right Exterior Girder	81.9561	0.95	1	1	4.291312
HL93_str_opr	BOBJ1	316.4	Before	Left Exterior Girder	91.4	0.95	1	1	3.06414
HL93_str_opr	BOBJ1	316.4	Before	Interior Girder 1	91.4	0.95	1	1	2.714759
HL93_str_opr	BOBJ1	316.4	Before	Interior Girder 2	91.4	0.95	1	1	2.714759
HL93_str_opr	BOBJ1	316.4	Before	Right Exterior Girder	91.4	0.95	1	1	3.06414
HL93_str_opr	BOBJ1	316.4	After	Left Exterior Girder	91.4	0.95	1	1	3.11845
HL93_str_opr	BOBJ1	316.4	After	Interior Girder 1	91.4	0.95	1	1	2.718021
HL93_str_opr	BOBJ1	316.4	After	Interior Girder 2	91.4	0.95	1	1	2.718021
HL93_str_opr	BOBJ1	316.4	After	Right Exterior Girder	91.4	0.95	1	1	3.118449
HL93_str_opr	BOBJ1	327.85	Before	Left Exterior Girder	102.9679	0.95	1	1	2.178333
HL93_str_opr	BOBJ1	327.85	Before	Interior Girder 1	102.9679	0.95	1	1	1.927743
HL93_str_opr	BOBJ1	327.85	Before	Interior Girder 2	102.9679	0.95	1	1	1.927743
HL93_str_opr	BOBJ1	327.85	Before	Right Exterior Girder	102.9679	0.95	1	1	2.178333
HL93_str_opr	BOBJ1	327.85	After	Left Exterior Girder	102.9679	0.95	1	1	4.202213
HL93_str_opr	BOBJ1	327.85	After	Interior Girder 1	102.9679	0.95	1	1	3.778775
HL93_str_opr	BOBJ1	327.85	After	Interior Girder 2	102.9679	0.95	1	1	3.778775
HL93_str_opr	BOBJ1	327.85	After	Right Exterior Girder	102.9679	0.95	1	1	4.202213
HL93_str_opr	BOBJ1	339.3	Before	Left Exterior Girder	114.3	0.95	1	1	3.369057
HL93_str_opr	BOBJ1	339.3	Before	Interior Girder 1	114.3	0.95	1	1	3.111791
HL93_str_opr	BOBJ1	339.3	Before	Interior Girder 2	114.3	0.95	1	1	3.111792
HL93_str_opr	BOBJ1	339.3	Before	Right Exterior Girder	114.3	0.95	1	1	3.369057
HL93_str_opr	BOBJ1	339.3	After	Left Exterior Girder	114.3	0.95	1	1	3.400007
HL93_str_opr	BOBJ1	339.3	After	Interior Girder 1	114.3	0.95	1	1	3.11852
HL93_str_opr	BOBJ1	339.3	After	Interior Girder 2	114.3	0.95	1	1	3.11852
HL93_str_opr	BOBJ1	339.3	After	Right Exterior Girder	114.3	0.95	1	1	3.400007
HL93_str_opr	BOBJ1	350.7	Before	Left Exterior Girder	125.7	0.95	1	1	2.886971
HL93_str_opr	BOBJ1	350.7	Before	Interior Girder 1	125.7	0.95	1	1	2.654123
HL93_str_opr	BOBJ1	350.7	Before	Interior Girder 2	125.7	0.95	1	1	2.654124
HL93_str_opr	BOBJ1	350.7	Before	Right Exterior Girder	125.7	0.95	1	1	2.886971
HL93_str_opr	BOBJ1	350.7	After	Left Exterior Girder	125.7	0.95	1	1	2.886467
HL93_str_opr	BOBJ1	350.7	After	Interior Girder 1	125.7	0.95	1	1	2.654476
HL93_str_opr	BOBJ1	350.7	After	Interior Girder 2	125.7	0.95	1	1	2.654476
HL93_str_opr	BOBJ1	350.7	After	Right Exterior Girder	125.7	0.95	1	1	2.886467

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelNonCompStrgth-Flx - Main Span Girders									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
HL93_str_opr	BOBJ1	362.1	Before	Left Exterior Girder	137.1	0.95	1	1	2.542616
HL93_str_opr	BOBJ1	362.1	Before	Interior Girder 1	137.1	0.95	1	1	2.374624
HL93_str_opr	BOBJ1	362.1	Before	Interior Girder 2	137.1	0.95	1	1	2.374624
HL93_str_opr	BOBJ1	362.1	Before	Right Exterior Girder	137.1	0.95	1	1	2.542616
HL93_str_opr	BOBJ1	362.1	After	Left Exterior Girder	137.1	0.95	1	1	2.556854
HL93_str_opr	BOBJ1	362.1	After	Interior Girder 1	137.1	0.95	1	1	2.379765
HL93_str_opr	BOBJ1	362.1	After	Interior Girder 2	137.1	0.95	1	1	2.379765
HL93_str_opr	BOBJ1	362.1	After	Right Exterior Girder	137.1	0.95	1	1	2.556854
HL93_str_opr	BOBJ1	373.55	Before	Left Exterior Girder	148.55	0.95	1	1	2.382826
HL93_str_opr	BOBJ1	373.55	Before	Interior Girder 1	148.55	0.95	1	1	2.208082
HL93_str_opr	BOBJ1	373.55	Before	Interior Girder 2	148.55	0.95	1	1	2.208082
HL93_str_opr	BOBJ1	373.55	Before	Right Exterior Girder	148.55	0.95	1	1	2.382826
HL93_str_opr	BOBJ1	373.55	After	Left Exterior Girder	148.55	0.95	1	1	2.382656
HL93_str_opr	BOBJ1	373.55	After	Interior Girder 1	148.55	0.95	1	1	2.20869
HL93_str_opr	BOBJ1	373.55	After	Interior Girder 2	148.55	0.95	1	1	2.20869
HL93_str_opr	BOBJ1	373.55	After	Right Exterior Girder	148.55	0.95	1	1	2.382656
HL93_str_opr	BOBJ1	385	Before	Left Exterior Girder	160	0.95	1	1	2.313998
HL93_str_opr	BOBJ1	385	Before	Interior Girder 1	160	0.95	1	1	2.165144
HL93_str_opr	BOBJ1	385	Before	Interior Girder 2	160	0.95	1	1	2.165144
HL93_str_opr	BOBJ1	385	Before	Right Exterior Girder	160	0.95	1	1	2.313998
HL93_str_opr	BOBJ1	385	After	Left Exterior Girder	160	0.95	1	1	2.313997
HL93_str_opr	BOBJ1	385	After	Interior Girder 1	160	0.95	1	1	2.165143
HL93_str_opr	BOBJ1	385	After	Interior Girder 2	160	0.95	1	1	2.165143
HL93_str_opr	BOBJ1	385	After	Right Exterior Girder	160	0.95	1	1	2.313998
HL93_str_opr	BOBJ1	396.45	Before	Left Exterior Girder	171.45	0.95	1	1	2.382656
HL93_str_opr	BOBJ1	396.45	Before	Interior Girder 1	171.45	0.95	1	1	2.208687
HL93_str_opr	BOBJ1	396.45	Before	Interior Girder 2	171.45	0.95	1	1	2.208687
HL93_str_opr	BOBJ1	396.45	Before	Right Exterior Girder	171.45	0.95	1	1	2.382656
HL93_str_opr	BOBJ1	396.45	After	Left Exterior Girder	171.45	0.95	1	1	2.382826
HL93_str_opr	BOBJ1	396.45	After	Interior Girder 1	171.45	0.95	1	1	2.208079
HL93_str_opr	BOBJ1	396.45	After	Interior Girder 2	171.45	0.95	1	1	2.208079
HL93_str_opr	BOBJ1	396.45	After	Right Exterior Girder	171.45	0.95	1	1	2.382826
HL93_str_opr	BOBJ1	407.9	Before	Left Exterior Girder	182.9	0.95	1	1	2.556858
HL93_str_opr	BOBJ1	407.9	Before	Interior Girder 1	182.9	0.95	1	1	2.379764
HL93_str_opr	BOBJ1	407.9	Before	Interior Girder 2	182.9	0.95	1	1	2.379764
HL93_str_opr	BOBJ1	407.9	Before	Right Exterior Girder	182.9	0.95	1	1	2.556858
HL93_str_opr	BOBJ1	407.9	After	Left Exterior Girder	182.9	0.95	1	1	2.54262
HL93_str_opr	BOBJ1	407.9	After	Interior Girder 1	182.9	0.95	1	1	2.374622
HL93_str_opr	BOBJ1	407.9	After	Interior Girder 2	182.9	0.95	1	1	2.374622
HL93_str_opr	BOBJ1	407.9	After	Right Exterior Girder	182.9	0.95	1	1	2.54262
HL93_str_opr	BOBJ1	419.3	Before	Left Exterior Girder	194.3	0.95	1	1	2.886472
HL93_str_opr	BOBJ1	419.3	Before	Interior Girder 1	194.3	0.95	1	1	2.654474
HL93_str_opr	BOBJ1	419.3	Before	Interior Girder 2	194.3	0.95	1	1	2.654474
HL93_str_opr	BOBJ1	419.3	Before	Right Exterior Girder	194.3	0.95	1	1	2.886472
HL93_str_opr	BOBJ1	419.3	After	Left Exterior Girder	194.3	0.95	1	1	2.886976
HL93_str_opr	BOBJ1	419.3	After	Interior Girder 1	194.3	0.95	1	1	2.654115
HL93_str_opr	BOBJ1	419.3	After	Interior Girder 2	194.3	0.95	1	1	2.654115
HL93_str_opr	BOBJ1	419.3	After	Right Exterior Girder	194.3	0.95	1	1	2.886976
HL93_str_opr	BOBJ1	430.7	Before	Left Exterior Girder	205.7	0.95	1	1	3.400013
HL93_str_opr	BOBJ1	430.7	Before	Interior Girder 1	205.7	0.95	1	1	3.118515
HL93_str_opr	BOBJ1	430.7	Before	Interior Girder 2	205.7	0.95	1	1	3.118515
HL93_str_opr	BOBJ1	430.7	Before	Right Exterior Girder	205.7	0.95	1	1	3.400013
HL93_str_opr	BOBJ1	430.7	After	Left Exterior Girder	205.7	0.95	1	1	3.369064
HL93_str_opr	BOBJ1	430.7	After	Interior Girder 1	205.7	0.95	1	1	3.111787
HL93_str_opr	BOBJ1	430.7	After	Interior Girder 2	205.7	0.95	1	1	3.111787
HL93_str_opr	BOBJ1	430.7	After	Right Exterior Girder	205.7	0.95	1	1	3.369064
HL93_str_opr	BOBJ1	442.15	Before	Left Exterior Girder	217.0321	0.95	1	1	4.194186
HL93_str_opr	BOBJ1	442.15	Before	Interior Girder 1	217.0321	0.95	1	1	3.777662
HL93_str_opr	BOBJ1	442.15	Before	Interior Girder 2	217.0321	0.95	1	1	3.777662
HL93_str_opr	BOBJ1	442.15	Before	Right Exterior Girder	217.0321	0.95	1	1	4.194186
HL93_str_opr	BOBJ1	442.15	After	Left Exterior Girder	217.0321	0.95	1	1	2.174699
HL93_str_opr	BOBJ1	442.15	After	Interior Girder 1	217.0321	0.95	1	1	1.926606
HL93_str_opr	BOBJ1	442.15	After	Interior Girder 2	217.0321	0.95	1	1	1.926606
HL93_str_opr	BOBJ1	442.15	After	Right Exterior Girder	217.0321	0.95	1	1	2.174699
HL93_str_opr	BOBJ1	453.6	Before	Left Exterior Girder	228.6	0.95	1	1	3.118453
HL93_str_opr	BOBJ1	453.6	Before	Interior Girder 1	228.6	0.95	1	1	2.71804
HL93_str_opr	BOBJ1	453.6	Before	Interior Girder 2	228.6	0.95	1	1	2.71804
HL93_str_opr	BOBJ1	453.6	Before	Right Exterior Girder	228.6	0.95	1	1	3.118453

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelINonCompStrgth-Flx - Main Span Girders									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
HL93_str_opr	BOBJ1	453.6	After	Left Exterior Girder	228.6	0.95	1	1	3.064147
HL93_str_opr	BOBJ1	453.6	After	Interior Girder 1	228.6	0.95	1	1	2.71475
HL93_str_opr	BOBJ1	453.6	After	Interior Girder 2	228.6	0.95	1	1	2.71475
HL93_str_opr	BOBJ1	453.6	After	Right Exterior Girder	228.6	0.95	1	1	3.064147
HL93_str_opr	BOBJ1	463.0439	Before	Left Exterior Girder	238.0439	0.95	1	1	4.278659
HL93_str_opr	BOBJ1	463.0439	Before	Interior Girder 1	238.0439	0.95	1	1	3.645907
HL93_str_opr	BOBJ1	463.0439	Before	Interior Girder 2	238.0439	0.95	1	1	3.645908
HL93_str_opr	BOBJ1	463.0439	Before	Right Exterior Girder	238.0439	0.95	1	1	4.278658
HL93_str_opr	BOBJ1	463.0439	After	Left Exterior Girder	238.0439	0.95	1	1	1.6345
HL93_str_opr	BOBJ1	463.0439	After	Interior Girder 1	238.0439	0.95	1	1	1.378118
HL93_str_opr	BOBJ1	463.0439	After	Interior Girder 2	238.0439	0.95	1	1	1.378118
HL93_str_opr	BOBJ1	463.0439	After	Right Exterior Girder	238.0439	0.95	1	1	1.6345
HL93_str_opr	BOBJ1	465	Before	Left Exterior Girder	240	0.95	1	1	1.860598
HL93_str_opr	BOBJ1	465	Before	Interior Girder 1	240	0.95	1	1	1.547853
HL93_str_opr	BOBJ1	465	Before	Interior Girder 2	240	0.95	1	1	1.547853
HL93_str_opr	BOBJ1	465	Before	Right Exterior Girder	240	0.95	1	1	1.860597
HL93_str_opr	BOBJ1	465	After	Left Exterior Girder	240	0.95	1	1	1.85955
HL93_str_opr	BOBJ1	465	After	Interior Girder 1	240	0.95	1	1	1.548566
HL93_str_opr	BOBJ1	465	After	Interior Girder 2	240	0.95	1	1	1.548566
HL93_str_opr	BOBJ1	465	After	Right Exterior Girder	240	0.95	1	1	1.85955
HL93_str_opr	BOBJ1	476.4	Before	Left Exterior Girder	251.4	0.95	1	1	3.437796
HL93_str_opr	BOBJ1	476.4	Before	Interior Girder 1	251.4	0.95	1	1	2.907297
HL93_str_opr	BOBJ1	476.4	Before	Interior Girder 2	251.4	0.95	1	1	2.907298
HL93_str_opr	BOBJ1	476.4	Before	Right Exterior Girder	251.4	0.95	1	1	3.437795
HL93_str_opr	BOBJ1	476.4	After	Left Exterior Girder	251.4	0.95	1	1	3.435875
HL93_str_opr	BOBJ1	476.4	After	Interior Girder 1	251.4	0.95	1	1	2.83206
HL93_str_opr	BOBJ1	476.4	After	Interior Girder 2	251.4	0.95	1	1	2.83206
HL93_str_opr	BOBJ1	476.4	After	Right Exterior Girder	251.4	0.95	1	1	3.435875
HL93_str_opr	BOBJ1	487.85	Before	Left Exterior Girder	262.85	0.95	1	1	3.056451
HL93_str_opr	BOBJ1	487.85	Before	Interior Girder 1	262.85	0.95	1	1	3.050118
HL93_str_opr	BOBJ1	487.85	Before	Interior Girder 2	262.85	0.95	1	1	3.050118
HL93_str_opr	BOBJ1	487.85	Before	Right Exterior Girder	262.85	0.95	1	1	3.056451
HL93_str_opr	BOBJ1	487.85	After	Left Exterior Girder	262.85	0.95	1	1	3.06349
HL93_str_opr	BOBJ1	487.85	After	Interior Girder 1	262.85	0.95	1	1	3.042487
HL93_str_opr	BOBJ1	487.85	After	Interior Girder 2	262.85	0.95	1	1	3.042487
HL93_str_opr	BOBJ1	487.85	After	Right Exterior Girder	262.85	0.95	1	1	3.06349
HL93_str_opr	BOBJ1	496.3126	Before	Left Exterior Girder	271.3126	0.95	1	1	1.705523
HL93_str_opr	BOBJ1	496.3126	Before	Interior Girder 1	271.3126	0.95	1	1	1.706453
HL93_str_opr	BOBJ1	496.3126	Before	Interior Girder 2	271.3126	0.95	1	1	1.706453
HL93_str_opr	BOBJ1	496.3126	Before	Right Exterior Girder	271.3126	0.95	1	1	1.705523
HL93_str_opr	BOBJ1	496.3126	After	Left Exterior Girder	271.3126	0.95	1	1	5.32999
HL93_str_opr	BOBJ1	496.3126	After	Interior Girder 1	271.3126	0.95	1	1	5.133591
HL93_str_opr	BOBJ1	496.3126	After	Interior Girder 2	271.3126	0.95	1	1	5.133591
HL93_str_opr	BOBJ1	496.3126	After	Right Exterior Girder	271.3126	0.95	1	1	5.32999
HL93_str_opr	BOBJ1	499.3	Before	Left Exterior Girder	274.3	0.95	1	1	4.743215
HL93_str_opr	BOBJ1	499.3	Before	Interior Girder 1	274.3	0.95	1	1	4.552785
HL93_str_opr	BOBJ1	499.3	Before	Interior Girder 2	274.3	0.95	1	1	4.552785
HL93_str_opr	BOBJ1	499.3	Before	Right Exterior Girder	274.3	0.95	1	1	4.743215
HL93_str_opr	BOBJ1	499.3	After	Left Exterior Girder	274.3	0.95	1	1	4.091056
HL93_str_opr	BOBJ1	499.3	After	Interior Girder 1	274.3	0.95	1	1	3.872195
HL93_str_opr	BOBJ1	499.3	After	Interior Girder 2	274.3	0.95	1	1	3.872195
HL93_str_opr	BOBJ1	499.3	After	Right Exterior Girder	274.3	0.95	1	1	4.091056
HL93_str_opr	BOBJ1	503.8969	Before	Left Exterior Girder	278.8969	0.95	1	1	3.221981
HL93_str_opr	BOBJ1	503.8969	Before	Interior Girder 1	278.8969	0.95	1	1	3.072665
HL93_str_opr	BOBJ1	503.8969	Before	Interior Girder 2	278.8969	0.95	1	1	3.072665
HL93_str_opr	BOBJ1	503.8969	Before	Right Exterior Girder	278.8969	0.95	1	1	3.221981
HL93_str_opr	BOBJ1	503.8969	After	Left Exterior Girder	278.8969	0.95	1	1	6.201021
HL93_str_opr	BOBJ1	503.8969	After	Interior Girder 1	278.8969	0.95	1	1	5.942436
HL93_str_opr	BOBJ1	503.8969	After	Interior Girder 2	278.8969	0.95	1	1	5.942436
HL93_str_opr	BOBJ1	503.8969	After	Right Exterior Girder	278.8969	0.95	1	1	6.201021
HL93_str_opr	BOBJ1	510.7	Before	Left Exterior Girder	285.7	0.95	1	1	4.753376
HL93_str_opr	BOBJ1	510.7	Before	Interior Girder 1	285.7	0.95	1	1	4.565122
HL93_str_opr	BOBJ1	510.7	Before	Interior Girder 2	285.7	0.95	1	1	4.565122
HL93_str_opr	BOBJ1	510.7	Before	Right Exterior Girder	285.7	0.95	1	1	4.753376
HL93_str_opr	BOBJ1	510.7	After	Left Exterior Girder	285.7	0.95	1	1	4.758311
HL93_str_opr	BOBJ1	510.7	After	Interior Girder 1	285.7	0.95	1	1	4.561876
HL93_str_opr	BOBJ1	510.7	After	Interior Girder 2	285.7	0.95	1	1	4.561876
HL93_str_opr	BOBJ1	510.7	After	Right Exterior Girder	285.7	0.95	1	1	4.758311

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelINonCompStrgth-Flx - Main Span Girders									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
HL93_str_opr	BOBJ1	511.4811	Before	Left Exterior Girder	286.4811	0.95	1	1	4.600113
HL93_str_opr	BOBJ1	511.4811	Before	Interior Girder 1	286.4811	0.95	1	1	4.41734
HL93_str_opr	BOBJ1	511.4811	Before	Interior Girder 2	286.4811	0.95	1	1	4.41734
HL93_str_opr	BOBJ1	511.4811	Before	Right Exterior Girder	286.4811	0.95	1	1	4.600113
HL93_str_opr	BOBJ1	511.4811	After	Left Exterior Girder	286.4811	0.95	1	1	6.814512
HL93_str_opr	BOBJ1	511.4811	After	Interior Girder 1	286.4811	0.95	1	1	6.57329
HL93_str_opr	BOBJ1	511.4811	After	Interior Girder 2	286.4811	0.95	1	1	6.57329
HL93_str_opr	BOBJ1	511.4811	After	Right Exterior Girder	286.4811	0.95	1	1	6.814512
HL93_str_opr	BOBJ1	522.1	Before	Left Exterior Girder	297.1	0.95	1	1	4.463097
HL93_str_opr	BOBJ1	522.1	Before	Interior Girder 1	297.1	0.95	1	1	4.423281
HL93_str_opr	BOBJ1	522.1	Before	Interior Girder 2	297.1	0.95	1	1	4.423281
HL93_str_opr	BOBJ1	522.1	Before	Right Exterior Girder	297.1	0.95	1	1	4.463097
HL93_str_opr	BOBJ1	522.1	After	Left Exterior Girder	297.1	0.95	1	1	4.565186
HL93_str_opr	BOBJ1	522.1	After	Interior Girder 1	297.1	0.95	1	1	4.438166
HL93_str_opr	BOBJ1	522.1	After	Interior Girder 2	297.1	0.95	1	1	4.438166
HL93_str_opr	BOBJ1	522.1	After	Right Exterior Girder	297.1	0.95	1	1	4.565186
HL93_str_opr	BOBJ1	530.4918	Before	Left Exterior Girder	305.4918	0.95	1	1	3.026524
HL93_str_opr	BOBJ1	530.4918	Before	Interior Girder 1	305.4918	0.95	1	1	2.923976
HL93_str_opr	BOBJ1	530.4918	Before	Interior Girder 2	305.4918	0.95	1	1	2.923976
HL93_str_opr	BOBJ1	530.4918	Before	Right Exterior Girder	305.4918	0.95	1	1	3.026524
HL93_str_opr	BOBJ1	530.4918	After	Left Exterior Girder	305.4918	0.95	1	1	4.573948
HL93_str_opr	BOBJ1	530.4918	After	Interior Girder 1	305.4918	0.95	1	1	4.423574
HL93_str_opr	BOBJ1	530.4918	After	Interior Girder 2	305.4918	0.95	1	1	4.423574
HL93_str_opr	BOBJ1	530.4918	After	Right Exterior Girder	305.4918	0.95	1	1	4.573948
HL93_str_opr	BOBJ1	533.55	Before	Left Exterior Girder	308.55	0.95	1	1	4.009974
HL93_str_opr	BOBJ1	533.55	Before	Interior Girder 1	308.55	0.95	1	1	3.848572
HL93_str_opr	BOBJ1	533.55	Before	Interior Girder 2	308.55	0.95	1	1	3.848572
HL93_str_opr	BOBJ1	533.55	Before	Right Exterior Girder	308.55	0.95	1	1	4.009974
HL93_str_opr	BOBJ1	533.55	After	Left Exterior Girder	308.55	0.95	1	1	4.002322
HL93_str_opr	BOBJ1	533.55	After	Interior Girder 1	308.55	0.95	1	1	3.84977
HL93_str_opr	BOBJ1	533.55	After	Interior Girder 2	308.55	0.95	1	1	3.84977
HL93_str_opr	BOBJ1	533.55	After	Right Exterior Girder	308.55	0.95	1	1	4.002322
HL93_str_opr	BOBJ1	545	Before	Left Exterior Girder	320	0.95	1	1	2.322035
HL93_str_opr	BOBJ1	545	Before	Interior Girder 1	320	0.95	1	1	2.102838
HL93_str_opr	BOBJ1	545	Before	Interior Girder 2	320	0.95	1	1	2.102839
HL93_str_opr	BOBJ1	545	Before	Right Exterior Girder	320	0.95	1	1	2.322035
HL93_str_opr	BOBJ1	545	After	Left Exterior Girder	0	0.95	1	1	2.496104
HL93_str_opr	BOBJ1	545	After	Interior Girder 1	0	0.95	1	1	2.151323
HL93_str_opr	BOBJ1	545	After	Interior Girder 2	0	0.95	1	1	2.151323
HL93_str_opr	BOBJ1	545	After	Right Exterior Girder	0	0.95	1	1	2.496104
HL93_str_opr	BOBJ1	556.25	Before	Left Exterior Girder	11.25	0.95	1	1	4.02226
HL93_str_opr	BOBJ1	556.25	Before	Interior Girder 1	11.25	0.95	1	1	3.596038
HL93_str_opr	BOBJ1	556.25	Before	Interior Girder 2	11.25	0.95	1	1	3.596038
HL93_str_opr	BOBJ1	556.25	Before	Right Exterior Girder	11.25	0.95	1	1	4.02226
HL93_str_opr	BOBJ1	556.25	After	Left Exterior Girder	11.25	0.95	1	1	4.022199
HL93_str_opr	BOBJ1	556.25	After	Interior Girder 1	11.25	0.95	1	1	3.597213
HL93_str_opr	BOBJ1	556.25	After	Interior Girder 2	11.25	0.95	1	1	3.597213
HL93_str_opr	BOBJ1	556.25	After	Right Exterior Girder	11.25	0.95	1	1	4.022199
HL93_str_opr	BOBJ1	559.4358	Before	Left Exterior Girder	14.4358	0.95	1	1	4.51905
HL93_str_opr	BOBJ1	559.4358	Before	Interior Girder 1	14.4358	0.95	1	1	4.07874
HL93_str_opr	BOBJ1	559.4358	Before	Interior Girder 2	14.4358	0.95	1	1	4.07874
HL93_str_opr	BOBJ1	559.4358	Before	Right Exterior Girder	14.4358	0.95	1	1	4.519049
HL93_str_opr	BOBJ1	559.4358	After	Left Exterior Girder	14.4358	0.95	1	1	2.948186
HL93_str_opr	BOBJ1	559.4358	After	Interior Girder 1	14.4358	0.95	1	1	2.647033
HL93_str_opr	BOBJ1	559.4358	After	Interior Girder 2	14.4358	0.95	1	1	2.647033
HL93_str_opr	BOBJ1	559.4358	After	Right Exterior Girder	14.4358	0.95	1	1	2.948186
HL93_str_opr	BOBJ1	567.5	Before	Left Exterior Girder	22.5	0.95	1	1	4.156251
HL93_str_opr	BOBJ1	567.5	Before	Interior Girder 1	22.5	0.95	1	1	3.667583
HL93_str_opr	BOBJ1	567.5	Before	Interior Girder 2	22.5	0.95	1	1	3.667583
HL93_str_opr	BOBJ1	567.5	Before	Right Exterior Girder	22.5	0.95	1	1	4.156251
HL93_str_opr	BOBJ1	567.5	After	Left Exterior Girder	22.5	0.95	1	1	4.62322
HL93_str_opr	BOBJ1	567.5	After	Interior Girder 1	22.5	0.95	1	1	4.093742
HL93_str_opr	BOBJ1	567.5	After	Interior Girder 2	22.5	0.95	1	1	4.093742
HL93_str_opr	BOBJ1	567.5	After	Right Exterior Girder	22.5	0.95	1	1	4.62322
HL93_str_opr	BOBJ1	570.0586	Before	Left Exterior Girder	25.0586	0.95	1	1	5.045266
HL93_str_opr	BOBJ1	570.0586	Before	Interior Girder 1	25.0586	0.95	1	1	4.449191
HL93_str_opr	BOBJ1	570.0586	Before	Interior Girder 2	25.0586	0.95	1	1	4.449191
HL93_str_opr	BOBJ1	570.0586	Before	Right Exterior Girder	25.0586	0.95	1	1	5.045265

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelINonCompStrgth-Flx - Main Span Girders

Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
HL93_str_opr	BOBJ1	570.0586	After	Left Exterior Girder	25.0586	0.95	1	1	3.041169
HL93_str_opr	BOBJ1	570.0586	After	Interior Girder 1	25.0586	0.95	1	1	2.669194
HL93_str_opr	BOBJ1	570.0586	After	Interior Girder 2	25.0586	0.95	1	1	2.669194
HL93_str_opr	BOBJ1	570.0586	After	Right Exterior Girder	25.0586	0.95	1	1	3.041169
HL93_str_opr	BOBJ1	578.75	Before	Left Exterior Girder	33.75	0.95	1	1	4.167727
HL93_str_opr	BOBJ1	578.75	Before	Interior Girder 1	33.75	0.95	1	1	3.747358
HL93_str_opr	BOBJ1	578.75	Before	Interior Girder 2	33.75	0.95	1	1	3.747358
HL93_str_opr	BOBJ1	578.75	Before	Right Exterior Girder	33.75	0.95	1	1	4.167727
HL93_str_opr	BOBJ1	578.75	After	Left Exterior Girder	33.75	0.95	1	1	4.153364
HL93_str_opr	BOBJ1	578.75	After	Interior Girder 1	33.75	0.95	1	1	3.753858
HL93_str_opr	BOBJ1	578.75	After	Interior Girder 2	33.75	0.95	1	1	3.753858
HL93_str_opr	BOBJ1	578.75	After	Right Exterior Girder	33.75	0.95	1	1	4.153364
HL93_str_opr	BOBJ1	586.8142	Before	Left Exterior Girder	41.8142	0.95	1	1	5.261424
HL93_str_opr	BOBJ1	586.8142	Before	Interior Girder 1	41.8142	0.95	1	1	4.839712
HL93_str_opr	BOBJ1	586.8142	Before	Interior Girder 2	41.8142	0.95	1	1	4.839712
HL93_str_opr	BOBJ1	586.8142	Before	Right Exterior Girder	41.8142	0.95	1	1	5.261424
HL93_str_opr	BOBJ1	586.8142	After	Left Exterior Girder	41.8142	0.95	1	1	2.463721
HL93_str_opr	BOBJ1	586.8142	After	Interior Girder 1	41.8142	0.95	1	1	2.261732
HL93_str_opr	BOBJ1	586.8142	After	Interior Girder 2	41.8142	0.95	1	1	2.261732
HL93_str_opr	BOBJ1	586.8142	After	Right Exterior Girder	41.8142	0.95	1	1	2.463721
HL93_str_opr	BOBJ1	590	Before	Left Exterior Girder	45	0.95	1	1	2.827371
HL93_str_opr	BOBJ1	590	Before	Interior Girder 1	45	0.95	1	1	2.615984
HL93_str_opr	BOBJ1	590	Before	Interior Girder 2	45	0.95	1	1	2.615984
HL93_str_opr	BOBJ1	590	Before	Right Exterior Girder	45	0.95	1	1	2.827371
HL93_str_opr	BOBJ1	590	After	Left Exterior Girder	45	0.95	1	1	1.770009
HL93_str_opr	BOBJ1	590	After	Interior Girder 1	45	0.95	1	1	1.675773
HL93_str_opr	BOBJ1	590	After	Interior Girder 2	45	0.95	1	1	1.675773
HL93_str_opr	BOBJ1	590	After	Right Exterior Girder	45	0.95	1	1	1.770009
HL93_str_opr	BOBJ1	601.25	Before	Left Exterior Girder	56.25	0.95	1	1	2.979285
HL93_str_opr	BOBJ1	601.25	Before	Interior Girder 1	56.25	0.95	1	1	2.855525
HL93_str_opr	BOBJ1	601.25	Before	Interior Girder 2	56.25	0.95	1	1	2.855525
HL93_str_opr	BOBJ1	601.25	Before	Right Exterior Girder	56.25	0.95	1	1	2.979285
HL93_str_opr	BOBJ1	601.25	After	Left Exterior Girder	56.25	0.95	1	1	2.972088
HL93_str_opr	BOBJ1	601.25	After	Interior Girder 1	56.25	0.95	1	1	2.862226
HL93_str_opr	BOBJ1	601.25	After	Interior Girder 2	56.25	0.95	1	1	2.862226
HL93_str_opr	BOBJ1	601.25	After	Right Exterior Girder	56.25	0.95	1	1	2.972088
HL93_str_opr	BOBJ1	601.7478	Before	Left Exterior Girder	56.7478	0.95	1	1	3.026363
HL93_str_opr	BOBJ1	601.7478	Before	Interior Girder 1	56.7478	0.95	1	1	2.914961
HL93_str_opr	BOBJ1	601.7478	Before	Interior Girder 2	56.7478	0.95	1	1	2.914961
HL93_str_opr	BOBJ1	601.7478	Before	Right Exterior Girder	56.7478	0.95	1	1	3.026363
HL93_str_opr	BOBJ1	601.7478	After	Left Exterior Girder	56.7478	0.95	1	1	0.961821
HL93_str_opr	BOBJ1	601.7478	After	Interior Girder 1	56.7478	0.95	1	1	0.936588
HL93_str_opr	BOBJ1	601.7478	After	Interior Girder 2	56.7478	0.95	1	1	0.936588
HL93_str_opr	BOBJ1	601.7478	After	Right Exterior Girder	56.7478	0.95	1	1	0.961821
HL93_str_opr	BOBJ1	612.5	Before	Left Exterior Girder	67.5	0.95	1	1	1.980738
HL93_str_opr	BOBJ1	612.5	Before	Interior Girder 1	67.5	0.95	1	1	1.937015
HL93_str_opr	BOBJ1	612.5	Before	Interior Girder 2	67.5	0.95	1	1	1.937015
HL93_str_opr	BOBJ1	612.5	Before	Right Exterior Girder	67.5	0.95	1	1	1.980738
HL93_str_opr	BOBJ1	612.5	After	Left Exterior Girder	67.5	0.95	1	1	2.784128
HL93_str_opr	BOBJ1	612.5	After	Interior Girder 1	67.5	0.95	1	1	2.743868
HL93_str_opr	BOBJ1	612.5	After	Interior Girder 2	67.5	0.95	1	1	2.743868
HL93_str_opr	BOBJ1	612.5	After	Right Exterior Girder	67.5	0.95	1	1	2.784128
HL93_str_opr	BOBJ1	623.75	Before	Left Exterior Girder	78.75	0.95	1	1	3.28877
HL93_str_opr	BOBJ1	623.75	Before	Interior Girder 1	78.75	0.95	1	1	2.822742
HL93_str_opr	BOBJ1	623.75	Before	Interior Girder 2	78.75	0.95	1	1	2.822742
HL93_str_opr	BOBJ1	623.75	Before	Right Exterior Girder	78.75	0.95	1	1	3.28877
HL93_str_opr	BOBJ1	623.75	After	Left Exterior Girder	78.75	0.95	1	1	3.293038
HL93_str_opr	BOBJ1	623.75	After	Interior Girder 1	78.75	0.95	1	1	2.820734
HL93_str_opr	BOBJ1	623.75	After	Interior Girder 2	78.75	0.95	1	1	2.820734
HL93_str_opr	BOBJ1	623.75	After	Right Exterior Girder	78.75	0.95	1	1	3.293038
HL93_str_opr	BOBJ1	635	Before	Left Exterior Girder	90	0.95	1	1	2.292712
HL93_str_opr	BOBJ1	635	Before	Interior Girder 1	90	0.95	1	1	2.055297
HL93_str_opr	BOBJ1	635	Before	Interior Girder 2	90	0.95	1	1	2.055297
HL93_str_opr	BOBJ1	635	Before	Right Exterior Girder	90	0.95	1	1	2.292712
HL93_str_opr	BOBJ1	635	After	Left Exterior Girder	90	0.95	1	1	2.333267
HL93_str_opr	BOBJ1	635	After	Interior Girder 1	90	0.95	1	1	2.067066
HL93_str_opr	BOBJ1	635	After	Interior Girder 2	90	0.95	1	1	2.067066
HL93_str_opr	BOBJ1	635	After	Right Exterior Girder	90	0.95	1	1	2.333267

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelINonCompStrgth-Flx - Main Span Girders									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
HL93_str_opr	BOBJ1	643.5619	Before	Left Exterior Girder	98.5619	0.95	1	1	1.82545
HL93_str_opr	BOBJ1	643.5619	Before	Interior Girder 1	98.5619	0.95	1	1	1.635356
HL93_str_opr	BOBJ1	643.5619	Before	Interior Girder 2	98.5619	0.95	1	1	1.635355
HL93_str_opr	BOBJ1	643.5619	Before	Right Exterior Girder	98.5619	0.95	1	1	1.82545
HL93_str_opr	BOBJ1	643.5619	After	Left Exterior Girder	98.5619	0.95	1	1	3.456407
HL93_str_opr	BOBJ1	643.5619	After	Interior Girder 1	98.5619	0.95	1	1	3.08812
HL93_str_opr	BOBJ1	643.5619	After	Interior Girder 2	98.5619	0.95	1	1	3.088119
HL93_str_opr	BOBJ1	643.5619	After	Right Exterior Girder	98.5619	0.95	1	1	3.456407
HL93_str_opr	BOBJ1	646.25	Before	Left Exterior Girder	101.25	0.95	1	1	3.289343
HL93_str_opr	BOBJ1	646.25	Before	Interior Girder 1	101.25	0.95	1	1	2.952781
HL93_str_opr	BOBJ1	646.25	Before	Interior Girder 2	101.25	0.95	1	1	2.95278
HL93_str_opr	BOBJ1	646.25	Before	Right Exterior Girder	101.25	0.95	1	1	3.289343
HL93_str_opr	BOBJ1	646.25	After	Left Exterior Girder	101.25	0.95	1	1	3.288471
HL93_str_opr	BOBJ1	646.25	After	Interior Girder 1	101.25	0.95	1	1	2.953924
HL93_str_opr	BOBJ1	646.25	After	Interior Girder 2	101.25	0.95	1	1	2.953923
HL93_str_opr	BOBJ1	646.25	After	Right Exterior Girder	101.25	0.95	1	1	3.288471
HL93_str_opr	BOBJ1	657.5	Before	Left Exterior Girder	112.5	0.95	1	1	2.743094
HL93_str_opr	BOBJ1	657.5	Before	Interior Girder 1	112.5	0.95	1	1	2.527207
HL93_str_opr	BOBJ1	657.5	Before	Interior Girder 2	112.5	0.95	1	1	2.527206
HL93_str_opr	BOBJ1	657.5	Before	Right Exterior Girder	112.5	0.95	1	1	2.743094
HL93_str_opr	BOBJ1	657.5	After	Left Exterior Girder	112.5	0.95	1	1	2.758273
HL93_str_opr	BOBJ1	657.5	After	Interior Girder 1	112.5	0.95	1	1	2.530093
HL93_str_opr	BOBJ1	657.5	After	Interior Girder 2	112.5	0.95	1	1	2.530093
HL93_str_opr	BOBJ1	657.5	After	Right Exterior Girder	112.5	0.95	1	1	2.758273
HL93_str_opr	BOBJ1	668.75	Before	Left Exterior Girder	123.75	0.95	1	1	2.442469
HL93_str_opr	BOBJ1	668.75	Before	Interior Girder 1	123.75	0.95	1	1	2.241966
HL93_str_opr	BOBJ1	668.75	Before	Interior Girder 2	123.75	0.95	1	1	2.241966
HL93_str_opr	BOBJ1	668.75	Before	Right Exterior Girder	123.75	0.95	1	1	2.442469
HL93_str_opr	BOBJ1	668.75	After	Left Exterior Girder	123.75	0.95	1	1	2.444787
HL93_str_opr	BOBJ1	668.75	After	Interior Girder 1	123.75	0.95	1	1	2.243485
HL93_str_opr	BOBJ1	668.75	After	Interior Girder 2	123.75	0.95	1	1	2.243485
HL93_str_opr	BOBJ1	668.75	After	Right Exterior Girder	123.75	0.95	1	1	2.444787
HL93_str_opr	BOBJ1	680	Before	Left Exterior Girder	135	0.95	1	1	2.260649
HL93_str_opr	BOBJ1	680	Before	Interior Girder 1	135	0.95	1	1	2.103817
HL93_str_opr	BOBJ1	680	Before	Interior Girder 2	135	0.95	1	1	2.103818
HL93_str_opr	BOBJ1	680	Before	Right Exterior Girder	135	0.95	1	1	2.260649
HL93_str_opr	BOBJ1	680	After	Left Exterior Girder	135	0.95	1	1	2.257528
HL93_str_opr	BOBJ1	680	After	Interior Girder 1	135	0.95	1	1	2.102698
HL93_str_opr	BOBJ1	680	After	Interior Girder 2	135	0.95	1	1	2.102698
HL93_str_opr	BOBJ1	680	After	Right Exterior Girder	135	0.95	1	1	2.257528
HL93_str_opr	BOBJ1	691.25	Before	Left Exterior Girder	146.25	0.95	1	1	2.236384
HL93_str_opr	BOBJ1	691.25	Before	Interior Girder 1	146.25	0.95	1	1	2.062691
HL93_str_opr	BOBJ1	691.25	Before	Interior Girder 2	146.25	0.95	1	1	2.062691
HL93_str_opr	BOBJ1	691.25	Before	Right Exterior Girder	146.25	0.95	1	1	2.236384
HL93_str_opr	BOBJ1	691.25	After	Left Exterior Girder	146.25	0.95	1	1	2.236554
HL93_str_opr	BOBJ1	691.25	After	Interior Girder 1	146.25	0.95	1	1	2.063448
HL93_str_opr	BOBJ1	691.25	After	Interior Girder 2	146.25	0.95	1	1	2.063448
HL93_str_opr	BOBJ1	691.25	After	Right Exterior Girder	146.25	0.95	1	1	2.236554
HL93_str_opr	BOBJ1	702.5	Before	Left Exterior Girder	157.5	0.95	1	1	2.347729
HL93_str_opr	BOBJ1	702.5	Before	Interior Girder 1	157.5	0.95	1	1	2.170606
HL93_str_opr	BOBJ1	702.5	Before	Interior Girder 2	157.5	0.95	1	1	2.170606
HL93_str_opr	BOBJ1	702.5	Before	Right Exterior Girder	157.5	0.95	1	1	2.347729
HL93_str_opr	BOBJ1	702.5	After	Left Exterior Girder	157.5	0.95	1	1	2.322726
HL93_str_opr	BOBJ1	702.5	After	Interior Girder 1	157.5	0.95	1	1	2.16074
HL93_str_opr	BOBJ1	702.5	After	Interior Girder 2	157.5	0.95	1	1	2.16074
HL93_str_opr	BOBJ1	702.5	After	Right Exterior Girder	157.5	0.95	1	1	2.322725
HL93_str_opr	BOBJ1	713.75	Before	Left Exterior Girder	168.75	0.95	1	1	2.649884
HL93_str_opr	BOBJ1	713.75	Before	Interior Girder 1	168.75	0.95	1	1	2.408505
HL93_str_opr	BOBJ1	713.75	Before	Interior Girder 2	168.75	0.95	1	1	2.408505
HL93_str_opr	BOBJ1	713.75	Before	Right Exterior Girder	168.75	0.95	1	1	2.649883
HL93_str_opr	BOBJ1	713.75	After	Left Exterior Girder	168.75	0.95	1	1	2.647653
HL93_str_opr	BOBJ1	713.75	After	Interior Girder 1	168.75	0.95	1	1	2.411045
HL93_str_opr	BOBJ1	713.75	After	Interior Girder 2	168.75	0.95	1	1	2.411045
HL93_str_opr	BOBJ1	713.75	After	Right Exterior Girder	168.75	0.95	1	1	2.647653
HL93_str_opr	BOBJ1	725	Before	Left Exterior Girder	180	0.95	1	1	3.248492
HL93_str_opr	BOBJ1	725	Before	Interior Girder 1	180	0.95	1	1	2.899504
HL93_str_opr	BOBJ1	725	Before	Interior Girder 2	180	0.95	1	1	2.899504
HL93_str_opr	BOBJ1	725	Before	Right Exterior Girder	180	0.95	1	1	3.248492

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelNonCompStrgth-Flx - Main Span Girders									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
HL93_str_opr	BOBJ1	725	After	Left Exterior Girder	180	0.95	1	1	3.199746
HL93_str_opr	BOBJ1	725	After	Interior Girder 1	180	0.95	1	1	2.907796
HL93_str_opr	BOBJ1	725	After	Interior Girder 2	180	0.95	1	1	2.907796
HL93_str_opr	BOBJ1	725	After	Right Exterior Girder	180	0.95	1	1	3.199746
HL93_str_opr	BOBJ1	731.1726	Before	Left Exterior Girder	186.1726	0.95	1	1	3.753817
HL93_str_opr	BOBJ1	731.1726	Before	Interior Girder 1	186.1726	0.95	1	1	3.313529
HL93_str_opr	BOBJ1	731.1726	Before	Interior Girder 2	186.1726	0.95	1	1	3.313529
HL93_str_opr	BOBJ1	731.1726	Before	Right Exterior Girder	186.1726	0.95	1	1	3.753817
HL93_str_opr	BOBJ1	731.1726	After	Left Exterior Girder	186.1726	0.95	1	1	1.611231
HL93_str_opr	BOBJ1	731.1726	After	Interior Girder 1	186.1726	0.95	1	1	1.419826
HL93_str_opr	BOBJ1	731.1726	After	Interior Girder 2	186.1726	0.95	1	1	1.419826
HL93_str_opr	BOBJ1	731.1726	After	Right Exterior Girder	186.1726	0.95	1	1	1.611231
HL93_str_opr	BOBJ1	736.25	Before	Left Exterior Girder	191.25	0.95	1	1	1.992277
HL93_str_opr	BOBJ1	736.25	Before	Interior Girder 1	191.25	0.95	1	1	1.694011
HL93_str_opr	BOBJ1	736.25	Before	Interior Girder 2	191.25	0.95	1	1	1.694011
HL93_str_opr	BOBJ1	736.25	Before	Right Exterior Girder	191.25	0.95	1	1	1.992276
HL93_str_opr	BOBJ1	736.25	After	Left Exterior Girder	191.25	0.95	1	1	1.985818
HL93_str_opr	BOBJ1	736.25	After	Interior Girder 1	191.25	0.95	1	1	1.695167
HL93_str_opr	BOBJ1	736.25	After	Interior Girder 2	191.25	0.95	1	1	1.695167
HL93_str_opr	BOBJ1	736.25	After	Right Exterior Girder	191.25	0.95	1	1	1.985818
HL93_str_opr	BOBJ1	747.5	Before	Left Exterior Girder	202.5	0.95	1	1	3.49685
HL93_str_opr	BOBJ1	747.5	Before	Interior Girder 1	202.5	0.95	1	1	2.79382
HL93_str_opr	BOBJ1	747.5	Before	Interior Girder 2	202.5	0.95	1	1	2.79382
HL93_str_opr	BOBJ1	747.5	Before	Right Exterior Girder	202.5	0.95	1	1	3.496849
HL93_str_opr	BOBJ1	747.5	After	Left Exterior Girder	202.5	0.95	1	1	3.365996
HL93_str_opr	BOBJ1	747.5	After	Interior Girder 1	202.5	0.95	1	1	2.782152
HL93_str_opr	BOBJ1	747.5	After	Interior Girder 2	202.5	0.95	1	1	2.782152
HL93_str_opr	BOBJ1	747.5	After	Right Exterior Girder	202.5	0.95	1	1	3.365995
HL93_str_opr	BOBJ1	758.75	Before	Left Exterior Girder	213.75	0.95	1	1	8.056425
HL93_str_opr	BOBJ1	758.75	Before	Interior Girder 1	213.75	0.95	1	1	5.932412
HL93_str_opr	BOBJ1	758.75	Before	Interior Girder 2	213.75	0.95	1	1	5.932412
HL93_str_opr	BOBJ1	758.75	Before	Right Exterior Girder	213.75	0.95	1	1	8.056422
HL93_str_opr	BOBJ1	758.75	After	Left Exterior Girder	213.75	0.95	1	1	8.046044
HL93_str_opr	BOBJ1	758.75	After	Interior Girder 1	213.75	0.95	1	1	5.875415
HL93_str_opr	BOBJ1	758.75	After	Interior Girder 2	213.75	0.95	1	1	5.875415
HL93_str_opr	BOBJ1	758.75	After	Right Exterior Girder	213.75	0.95	1	1	8.046042
HL93_str_opr	BOBJ1	770	Before	Left Exterior Girder	225	0.95	1	1	155.412185
HL93_str_opr	BOBJ1	770	Before	Interior Girder 1	225	0.95	1	1	128.973308
HL93_str_opr	BOBJ1	770	Before	Interior Girder 2	225	0.95	1	1	128.972837
HL93_str_opr	BOBJ1	770	Before	Right Exterior Girder	225	0.95	1	1	155.413033
HL93_str_inv	BOBJ1	0	After	Left Exterior Girder	0	0.95	1	1	119.889794
HL93_str_inv	BOBJ1	0	After	Interior Girder 1	0	0.95	1	1	99.502075
HL93_str_inv	BOBJ1	0	After	Interior Girder 2	0	0.95	1	1	99.501976
HL93_str_inv	BOBJ1	0	After	Right Exterior Girder	0	0.95	1	1	119.889785
HL93_str_inv	BOBJ1	11.25	Before	Left Exterior Girder	11.25	0.95	1	1	6.206955
HL93_str_inv	BOBJ1	11.25	Before	Interior Girder 1	11.25	0.95	1	1	4.532507
HL93_str_inv	BOBJ1	11.25	Before	Interior Girder 2	11.25	0.95	1	1	4.532508
HL93_str_inv	BOBJ1	11.25	Before	Right Exterior Girder	11.25	0.95	1	1	6.206954
HL93_str_inv	BOBJ1	11.25	After	Left Exterior Girder	11.25	0.95	1	1	6.214989
HL93_str_inv	BOBJ1	11.25	After	Interior Girder 1	11.25	0.95	1	1	4.576478
HL93_str_inv	BOBJ1	11.25	After	Interior Girder 2	11.25	0.95	1	1	4.576479
HL93_str_inv	BOBJ1	11.25	After	Right Exterior Girder	11.25	0.95	1	1	6.214989
HL93_str_inv	BOBJ1	22.5	Before	Left Exterior Girder	22.5	0.95	1	1	2.596638
HL93_str_inv	BOBJ1	22.5	Before	Interior Girder 1	22.5	0.95	1	1	2.146212
HL93_str_inv	BOBJ1	22.5	Before	Interior Girder 2	22.5	0.95	1	1	2.146213
HL93_str_inv	BOBJ1	22.5	Before	Right Exterior Girder	22.5	0.95	1	1	2.596638
HL93_str_inv	BOBJ1	22.5	After	Left Exterior Girder	22.5	0.95	1	1	2.697589
HL93_str_inv	BOBJ1	22.5	After	Interior Girder 1	22.5	0.95	1	1	2.155234
HL93_str_inv	BOBJ1	22.5	After	Interior Girder 2	22.5	0.95	1	1	2.155234
HL93_str_inv	BOBJ1	22.5	After	Right Exterior Girder	22.5	0.95	1	1	2.697589
HL93_str_inv	BOBJ1	33.75	Before	Left Exterior Girder	33.75	0.95	1	1	1.531914
HL93_str_inv	BOBJ1	33.75	Before	Interior Girder 1	33.75	0.95	1	1	1.307704
HL93_str_inv	BOBJ1	33.75	Before	Interior Girder 2	33.75	0.95	1	1	1.307704
HL93_str_inv	BOBJ1	33.75	Before	Right Exterior Girder	33.75	0.95	1	1	1.531914
HL93_str_inv	BOBJ1	33.75	After	Left Exterior Girder	33.75	0.95	1	1	1.536895
HL93_str_inv	BOBJ1	33.75	After	Interior Girder 1	33.75	0.95	1	1	1.306818
HL93_str_inv	BOBJ1	33.75	After	Interior Girder 2	33.75	0.95	1	1	1.306818
HL93_str_inv	BOBJ1	33.75	After	Right Exterior Girder	33.75	0.95	1	1	1.536895

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelINonCompStrgth-Flx - Main Span Girders									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
HL93_str_inv	BOBJ1	38.8274	Before	Left Exterior Girder	38.8274	0.95	1	1	1.242946
HL93_str_inv	BOBJ1	38.8274	Before	Interior Girder 1	38.8274	0.95	1	1	1.095295
HL93_str_inv	BOBJ1	38.8274	Before	Interior Girder 2	38.8274	0.95	1	1	1.095295
HL93_str_inv	BOBJ1	38.8274	Before	Right Exterior Girder	38.8274	0.95	1	1	1.242946
HL93_str_inv	BOBJ1	38.8274	After	Left Exterior Girder	38.8274	0.95	1	1	2.895797
HL93_str_inv	BOBJ1	38.8274	After	Interior Girder 1	38.8274	0.95	1	1	2.556147
HL93_str_inv	BOBJ1	38.8274	After	Interior Girder 2	38.8274	0.95	1	1	2.556147
HL93_str_inv	BOBJ1	38.8274	After	Right Exterior Girder	38.8274	0.95	1	1	2.895797
HL93_str_inv	BOBJ1	45	Before	Left Exterior Girder	45	0.95	1	1	2.468361
HL93_str_inv	BOBJ1	45	Before	Interior Girder 1	45	0.95	1	1	2.243149
HL93_str_inv	BOBJ1	45	Before	Interior Girder 2	45	0.95	1	1	2.243149
HL93_str_inv	BOBJ1	45	Before	Right Exterior Girder	45	0.95	1	1	2.468361
HL93_str_inv	BOBJ1	45	After	Left Exterior Girder	45	0.95	1	1	2.505954
HL93_str_inv	BOBJ1	45	After	Interior Girder 1	45	0.95	1	1	2.236749
HL93_str_inv	BOBJ1	45	After	Interior Girder 2	45	0.95	1	1	2.236749
HL93_str_inv	BOBJ1	45	After	Right Exterior Girder	45	0.95	1	1	2.505954
HL93_str_inv	BOBJ1	56.25	Before	Left Exterior Girder	56.25	0.95	1	1	2.042468
HL93_str_inv	BOBJ1	56.25	Before	Interior Girder 1	56.25	0.95	1	1	1.859944
HL93_str_inv	BOBJ1	56.25	Before	Interior Girder 2	56.25	0.95	1	1	1.859944
HL93_str_inv	BOBJ1	56.25	Before	Right Exterior Girder	56.25	0.95	1	1	2.042468
HL93_str_inv	BOBJ1	56.25	After	Left Exterior Girder	56.25	0.95	1	1	2.044185
HL93_str_inv	BOBJ1	56.25	After	Interior Girder 1	56.25	0.95	1	1	1.857985
HL93_str_inv	BOBJ1	56.25	After	Interior Girder 2	56.25	0.95	1	1	1.857985
HL93_str_inv	BOBJ1	56.25	After	Right Exterior Girder	56.25	0.95	1	1	2.044185
HL93_str_inv	BOBJ1	67.5	Before	Left Exterior Girder	67.5	0.95	1	1	1.791835
HL93_str_inv	BOBJ1	67.5	Before	Interior Girder 1	67.5	0.95	1	1	1.666857
HL93_str_inv	BOBJ1	67.5	Before	Interior Girder 2	67.5	0.95	1	1	1.666856
HL93_str_inv	BOBJ1	67.5	Before	Right Exterior Girder	67.5	0.95	1	1	1.791835
HL93_str_inv	BOBJ1	67.5	After	Left Exterior Girder	67.5	0.95	1	1	1.811123
HL93_str_inv	BOBJ1	67.5	After	Interior Girder 1	67.5	0.95	1	1	1.674467
HL93_str_inv	BOBJ1	67.5	After	Interior Girder 2	67.5	0.95	1	1	1.674467
HL93_str_inv	BOBJ1	67.5	After	Right Exterior Girder	67.5	0.95	1	1	1.811123
HL93_str_inv	BOBJ1	78.75	Before	Left Exterior Girder	78.75	0.95	1	1	1.725347
HL93_str_inv	BOBJ1	78.75	Before	Interior Girder 1	78.75	0.95	1	1	1.591788
HL93_str_inv	BOBJ1	78.75	Before	Interior Girder 2	78.75	0.95	1	1	1.591788
HL93_str_inv	BOBJ1	78.75	Before	Right Exterior Girder	78.75	0.95	1	1	1.725347
HL93_str_inv	BOBJ1	78.75	After	Left Exterior Girder	78.75	0.95	1	1	1.725216
HL93_str_inv	BOBJ1	78.75	After	Interior Girder 1	78.75	0.95	1	1	1.591204
HL93_str_inv	BOBJ1	78.75	After	Interior Girder 2	78.75	0.95	1	1	1.591204
HL93_str_inv	BOBJ1	78.75	After	Right Exterior Girder	78.75	0.95	1	1	1.725216
HL93_str_inv	BOBJ1	90	Before	Left Exterior Girder	90	0.95	1	1	1.741529
HL93_str_inv	BOBJ1	90	Before	Interior Girder 1	90	0.95	1	1	1.622079
HL93_str_inv	BOBJ1	90	Before	Interior Girder 2	90	0.95	1	1	1.622079
HL93_str_inv	BOBJ1	90	Before	Right Exterior Girder	90	0.95	1	1	1.741529
HL93_str_inv	BOBJ1	90	After	Left Exterior Girder	90	0.95	1	1	1.743938
HL93_str_inv	BOBJ1	90	After	Interior Girder 1	90	0.95	1	1	1.622943
HL93_str_inv	BOBJ1	90	After	Interior Girder 2	90	0.95	1	1	1.622943
HL93_str_inv	BOBJ1	90	After	Right Exterior Girder	90	0.95	1	1	1.743938
HL93_str_inv	BOBJ1	101.25	Before	Left Exterior Girder	101.25	0.95	1	1	1.885985
HL93_str_inv	BOBJ1	101.25	Before	Interior Girder 1	101.25	0.95	1	1	1.730685
HL93_str_inv	BOBJ1	101.25	Before	Interior Girder 2	101.25	0.95	1	1	1.730685
HL93_str_inv	BOBJ1	101.25	Before	Right Exterior Girder	101.25	0.95	1	1	1.885985
HL93_str_inv	BOBJ1	101.25	After	Left Exterior Girder	101.25	0.95	1	1	1.884196
HL93_str_inv	BOBJ1	101.25	After	Interior Girder 1	101.25	0.95	1	1	1.729515
HL93_str_inv	BOBJ1	101.25	After	Interior Girder 2	101.25	0.95	1	1	1.729515
HL93_str_inv	BOBJ1	101.25	After	Right Exterior Girder	101.25	0.95	1	1	1.884196
HL93_str_inv	BOBJ1	112.5	Before	Left Exterior Girder	112.5	0.95	1	1	2.127813
HL93_str_inv	BOBJ1	112.5	Before	Interior Girder 1	112.5	0.95	1	1	1.951786
HL93_str_inv	BOBJ1	112.5	Before	Interior Girder 2	112.5	0.95	1	1	1.951786
HL93_str_inv	BOBJ1	112.5	Before	Right Exterior Girder	112.5	0.95	1	1	2.127813
HL93_str_inv	BOBJ1	112.5	After	Left Exterior Girder	112.5	0.95	1	1	2.116097
HL93_str_inv	BOBJ1	112.5	After	Interior Girder 1	112.5	0.95	1	1	1.949558
HL93_str_inv	BOBJ1	112.5	After	Interior Girder 2	112.5	0.95	1	1	1.949558
HL93_str_inv	BOBJ1	112.5	After	Right Exterior Girder	112.5	0.95	1	1	2.116097
HL93_str_inv	BOBJ1	123.75	Before	Left Exterior Girder	123.75	0.95	1	1	2.536835
HL93_str_inv	BOBJ1	123.75	Before	Interior Girder 1	123.75	0.95	1	1	2.278747
HL93_str_inv	BOBJ1	123.75	Before	Interior Girder 2	123.75	0.95	1	1	2.278747
HL93_str_inv	BOBJ1	123.75	Before	Right Exterior Girder	123.75	0.95	1	1	2.536834

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelINonCompStrgth-Flx - Main Span Girders									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
HL93_str_inv	BOBJ1	123.75	After	Left Exterior Girder	123.75	0.95	1	1	2.537504
HL93_str_inv	BOBJ1	123.75	After	Interior Girder 1	123.75	0.95	1	1	2.277866
HL93_str_inv	BOBJ1	123.75	After	Interior Girder 2	123.75	0.95	1	1	2.277866
HL93_str_inv	BOBJ1	123.75	After	Right Exterior Girder	123.75	0.95	1	1	2.537504
HL93_str_inv	BOBJ1	126.4381	Before	Left Exterior Girder	126.4381	0.95	1	1	2.666392
HL93_str_inv	BOBJ1	126.4381	Before	Interior Girder 1	126.4381	0.95	1	1	2.382272
HL93_str_inv	BOBJ1	126.4381	Before	Interior Girder 2	126.4381	0.95	1	1	2.382272
HL93_str_inv	BOBJ1	126.4381	Before	Right Exterior Girder	126.4381	0.95	1	1	2.666392
HL93_str_inv	BOBJ1	126.4381	After	Left Exterior Girder	126.4381	0.95	1	1	1.408216
HL93_str_inv	BOBJ1	126.4381	After	Interior Girder 1	126.4381	0.95	1	1	1.261565
HL93_str_inv	BOBJ1	126.4381	After	Interior Girder 2	126.4381	0.95	1	1	1.261565
HL93_str_inv	BOBJ1	126.4381	After	Right Exterior Girder	126.4381	0.95	1	1	1.408216
HL93_str_inv	BOBJ1	135	Before	Left Exterior Girder	135	0.95	1	1	1.799942
HL93_str_inv	BOBJ1	135	Before	Interior Girder 1	135	0.95	1	1	1.594595
HL93_str_inv	BOBJ1	135	Before	Interior Girder 2	135	0.95	1	1	1.594595
HL93_str_inv	BOBJ1	135	Before	Right Exterior Girder	135	0.95	1	1	1.799942
HL93_str_inv	BOBJ1	135	After	Left Exterior Girder	135	0.95	1	1	1.768665
HL93_str_inv	BOBJ1	135	After	Interior Girder 1	135	0.95	1	1	1.585514
HL93_str_inv	BOBJ1	135	After	Interior Girder 2	135	0.95	1	1	1.585514
HL93_str_inv	BOBJ1	135	After	Right Exterior Girder	135	0.95	1	1	1.768665
HL93_str_inv	BOBJ1	146.25	Before	Left Exterior Girder	146.25	0.95	1	1	2.540348
HL93_str_inv	BOBJ1	146.25	Before	Interior Girder 1	146.25	0.95	1	1	2.175997
HL93_str_inv	BOBJ1	146.25	Before	Interior Girder 2	146.25	0.95	1	1	2.175997
HL93_str_inv	BOBJ1	146.25	Before	Right Exterior Girder	146.25	0.95	1	1	2.540348
HL93_str_inv	BOBJ1	146.25	After	Left Exterior Girder	146.25	0.95	1	1	2.537058
HL93_str_inv	BOBJ1	146.25	After	Interior Girder 1	146.25	0.95	1	1	2.177545
HL93_str_inv	BOBJ1	146.25	After	Interior Girder 2	146.25	0.95	1	1	2.177545
HL93_str_inv	BOBJ1	146.25	After	Right Exterior Girder	146.25	0.95	1	1	2.537058
HL93_str_inv	BOBJ1	157.5	Before	Left Exterior Girder	157.5	0.95	1	1	2.147757
HL93_str_inv	BOBJ1	157.5	Before	Interior Girder 1	157.5	0.95	1	1	2.116701
HL93_str_inv	BOBJ1	157.5	Before	Interior Girder 2	157.5	0.95	1	1	2.116701
HL93_str_inv	BOBJ1	157.5	Before	Right Exterior Girder	157.5	0.95	1	1	2.147757
HL93_str_inv	BOBJ1	157.5	After	Left Exterior Girder	157.5	0.95	1	1	1.527997
HL93_str_inv	BOBJ1	157.5	After	Interior Girder 1	157.5	0.95	1	1	1.49427
HL93_str_inv	BOBJ1	157.5	After	Interior Girder 2	157.5	0.95	1	1	1.49427
HL93_str_inv	BOBJ1	157.5	After	Right Exterior Girder	157.5	0.95	1	1	1.527997
HL93_str_inv	BOBJ1	168.2522	Before	Left Exterior Girder	168.2522	0.95	1	1	0.742857
HL93_str_inv	BOBJ1	168.2522	Before	Interior Girder 1	168.2522	0.95	1	1	0.721393
HL93_str_inv	BOBJ1	168.2522	Before	Interior Girder 2	168.2522	0.95	1	1	0.721393
HL93_str_inv	BOBJ1	168.2522	Before	Right Exterior Girder	168.2522	0.95	1	1	0.742857
HL93_str_inv	BOBJ1	168.2522	After	Left Exterior Girder	168.2522	0.95	1	1	2.336373
HL93_str_inv	BOBJ1	168.2522	After	Interior Girder 1	168.2522	0.95	1	1	2.2467
HL93_str_inv	BOBJ1	168.2522	After	Interior Girder 2	168.2522	0.95	1	1	2.2467
HL93_str_inv	BOBJ1	168.2522	After	Right Exterior Girder	168.2522	0.95	1	1	2.336373
HL93_str_inv	BOBJ1	168.75	Before	Left Exterior Girder	168.75	0.95	1	1	2.292753
HL93_str_inv	BOBJ1	168.75	Before	Interior Girder 1	168.75	0.95	1	1	2.208006
HL93_str_inv	BOBJ1	168.75	Before	Interior Girder 2	168.75	0.95	1	1	2.208006
HL93_str_inv	BOBJ1	168.75	Before	Right Exterior Girder	168.75	0.95	1	1	2.292753
HL93_str_inv	BOBJ1	168.75	After	Left Exterior Girder	168.75	0.95	1	1	2.298305
HL93_str_inv	BOBJ1	168.75	After	Interior Girder 1	168.75	0.95	1	1	2.202836
HL93_str_inv	BOBJ1	168.75	After	Interior Girder 2	168.75	0.95	1	1	2.202836
HL93_str_inv	BOBJ1	168.75	After	Right Exterior Girder	168.75	0.95	1	1	2.298305
HL93_str_inv	BOBJ1	180	Before	Left Exterior Girder	180	0.95	1	1	1.365434
HL93_str_inv	BOBJ1	180	Before	Interior Girder 1	180	0.95	1	1	1.292741
HL93_str_inv	BOBJ1	180	Before	Interior Girder 2	180	0.95	1	1	1.292741
HL93_str_inv	BOBJ1	180	Before	Right Exterior Girder	180	0.95	1	1	1.365434
HL93_str_inv	BOBJ1	180	After	Left Exterior Girder	180	0.95	1	1	1.902202
HL93_str_inv	BOBJ1	180	After	Interior Girder 1	180	0.95	1	1	1.780914
HL93_str_inv	BOBJ1	180	After	Interior Girder 2	180	0.95	1	1	1.780914
HL93_str_inv	BOBJ1	180	After	Right Exterior Girder	180	0.95	1	1	1.902203
HL93_str_inv	BOBJ1	183.1858	Before	Left Exterior Girder	183.1858	0.95	1	1	1.62808
HL93_str_inv	BOBJ1	183.1858	Before	Interior Girder 1	183.1858	0.95	1	1	1.517107
HL93_str_inv	BOBJ1	183.1858	Before	Interior Girder 2	183.1858	0.95	1	1	1.517107
HL93_str_inv	BOBJ1	183.1858	Before	Right Exterior Girder	183.1858	0.95	1	1	1.62808
HL93_str_inv	BOBJ1	183.1858	After	Left Exterior Girder	183.1858	0.95	1	1	3.643418
HL93_str_inv	BOBJ1	183.1858	After	Interior Girder 1	183.1858	0.95	1	1	3.386761
HL93_str_inv	BOBJ1	183.1858	After	Interior Girder 2	183.1858	0.95	1	1	3.386761
HL93_str_inv	BOBJ1	183.1858	After	Right Exterior Girder	183.1858	0.95	1	1	3.643419

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelNonCompStrgth-Flx - Main Span Girders									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
HL93_str_inv	BOBJ1	191.25	Before	Left Exterior Girder	191.25	0.95	1	1	2.822993
HL93_str_inv	BOBJ1	191.25	Before	Interior Girder 1	191.25	0.95	1	1	2.579184
HL93_str_inv	BOBJ1	191.25	Before	Interior Girder 2	191.25	0.95	1	1	2.579184
HL93_str_inv	BOBJ1	191.25	Before	Right Exterior Girder	191.25	0.95	1	1	2.822993
HL93_str_inv	BOBJ1	191.25	After	Left Exterior Girder	191.25	0.95	1	1	2.833926
HL93_str_inv	BOBJ1	191.25	After	Interior Girder 1	191.25	0.95	1	1	2.573721
HL93_str_inv	BOBJ1	191.25	After	Interior Girder 2	191.25	0.95	1	1	2.573721
HL93_str_inv	BOBJ1	191.25	After	Right Exterior Girder	191.25	0.95	1	1	2.833926
HL93_str_inv	BOBJ1	199.9414	Before	Left Exterior Girder	199.9414	0.95	1	1	1.998515
HL93_str_inv	BOBJ1	199.9414	Before	Interior Girder 1	199.9414	0.95	1	1	1.777006
HL93_str_inv	BOBJ1	199.9414	Before	Interior Girder 2	199.9414	0.95	1	1	1.777006
HL93_str_inv	BOBJ1	199.9414	Before	Right Exterior Girder	199.9414	0.95	1	1	1.998515
HL93_str_inv	BOBJ1	199.9414	After	Left Exterior Girder	199.9414	0.95	1	1	3.44229
HL93_str_inv	BOBJ1	199.9414	After	Interior Girder 1	199.9414	0.95	1	1	3.067236
HL93_str_inv	BOBJ1	199.9414	After	Interior Girder 2	199.9414	0.95	1	1	3.067236
HL93_str_inv	BOBJ1	199.9414	After	Right Exterior Girder	199.9414	0.95	1	1	3.44229
HL93_str_inv	BOBJ1	202.5	Before	Left Exterior Girder	202.5	0.95	1	1	3.136476
HL93_str_inv	BOBJ1	202.5	Before	Interior Girder 1	202.5	0.95	1	1	2.804451
HL93_str_inv	BOBJ1	202.5	Before	Interior Girder 2	202.5	0.95	1	1	2.804451
HL93_str_inv	BOBJ1	202.5	Before	Right Exterior Girder	202.5	0.95	1	1	3.136476
HL93_str_inv	BOBJ1	202.5	After	Left Exterior Girder	202.5	0.95	1	1	3.206246
HL93_str_inv	BOBJ1	202.5	After	Interior Girder 1	202.5	0.95	1	1	2.829267
HL93_str_inv	BOBJ1	202.5	After	Interior Girder 2	202.5	0.95	1	1	2.829267
HL93_str_inv	BOBJ1	202.5	After	Right Exterior Girder	202.5	0.95	1	1	3.206246
HL93_str_inv	BOBJ1	210.5642	Before	Left Exterior Girder	210.5642	0.95	1	1	2.274313
HL93_str_inv	BOBJ1	210.5642	Before	Interior Girder 1	210.5642	0.95	1	1	2.041993
HL93_str_inv	BOBJ1	210.5642	Before	Interior Girder 2	210.5642	0.95	1	1	2.041993
HL93_str_inv	BOBJ1	210.5642	Before	Right Exterior Girder	210.5642	0.95	1	1	2.274313
HL93_str_inv	BOBJ1	210.5642	After	Left Exterior Girder	210.5642	0.95	1	1	3.486121
HL93_str_inv	BOBJ1	210.5642	After	Interior Girder 1	210.5642	0.95	1	1	3.14645
HL93_str_inv	BOBJ1	210.5642	After	Interior Girder 2	210.5642	0.95	1	1	3.14645
HL93_str_inv	BOBJ1	210.5642	After	Right Exterior Girder	210.5642	0.95	1	1	3.486121
HL93_str_inv	BOBJ1	213.75	Before	Left Exterior Girder	213.75	0.95	1	1	3.102838
HL93_str_inv	BOBJ1	213.75	Before	Interior Girder 1	213.75	0.95	1	1	2.774986
HL93_str_inv	BOBJ1	213.75	Before	Interior Girder 2	213.75	0.95	1	1	2.774986
HL93_str_inv	BOBJ1	213.75	Before	Right Exterior Girder	213.75	0.95	1	1	3.102838
HL93_str_inv	BOBJ1	213.75	After	Left Exterior Girder	213.75	0.95	1	1	3.102891
HL93_str_inv	BOBJ1	213.75	After	Interior Girder 1	213.75	0.95	1	1	2.774079
HL93_str_inv	BOBJ1	213.75	After	Interior Girder 2	213.75	0.95	1	1	2.774079
HL93_str_inv	BOBJ1	213.75	After	Right Exterior Girder	213.75	0.95	1	1	3.102891
HL93_str_inv	BOBJ1	225	Before	Left Exterior Girder	225	0.95	1	1	1.92557
HL93_str_inv	BOBJ1	225	Before	Interior Girder 1	225	0.95	1	1	1.65941
HL93_str_inv	BOBJ1	225	Before	Interior Girder 2	225	0.95	1	1	1.65941
HL93_str_inv	BOBJ1	225	Before	Right Exterior Girder	225	0.95	1	1	1.92557
HL93_str_inv	BOBJ1	225	After	Left Exterior Girder	0	0.95	1	1	1.791277
HL93_str_inv	BOBJ1	225	After	Interior Girder 1	0	0.95	1	1	1.622203
HL93_str_inv	BOBJ1	225	After	Interior Girder 2	0	0.95	1	1	1.622203
HL93_str_inv	BOBJ1	225	After	Right Exterior Girder	0	0.95	1	1	1.791277
HL93_str_inv	BOBJ1	236.45	Before	Left Exterior Girder	11.45	0.95	1	1	3.087501
HL93_str_inv	BOBJ1	236.45	Before	Interior Girder 1	11.45	0.95	1	1	2.969825
HL93_str_inv	BOBJ1	236.45	Before	Interior Girder 2	11.45	0.95	1	1	2.969825
HL93_str_inv	BOBJ1	236.45	Before	Right Exterior Girder	11.45	0.95	1	1	3.087501
HL93_str_inv	BOBJ1	236.45	After	Left Exterior Girder	11.45	0.95	1	1	3.093408
HL93_str_inv	BOBJ1	236.45	After	Interior Girder 1	11.45	0.95	1	1	2.968898
HL93_str_inv	BOBJ1	236.45	After	Interior Girder 2	11.45	0.95	1	1	2.968898
HL93_str_inv	BOBJ1	236.45	After	Right Exterior Girder	11.45	0.95	1	1	3.093408
HL93_str_inv	BOBJ1	239.5082	Before	Left Exterior Girder	14.5082	0.95	1	1	3.528495
HL93_str_inv	BOBJ1	239.5082	Before	Interior Girder 1	14.5082	0.95	1	1	3.412554
HL93_str_inv	BOBJ1	239.5082	Before	Interior Girder 2	14.5082	0.95	1	1	3.412554
HL93_str_inv	BOBJ1	239.5082	Before	Right Exterior Girder	14.5082	0.95	1	1	3.528495
HL93_str_inv	BOBJ1	239.5082	After	Left Exterior Girder	14.5082	0.95	1	1	2.334752
HL93_str_inv	BOBJ1	239.5082	After	Interior Girder 1	14.5082	0.95	1	1	2.255674
HL93_str_inv	BOBJ1	239.5082	After	Interior Girder 2	14.5082	0.95	1	1	2.255674
HL93_str_inv	BOBJ1	239.5082	After	Right Exterior Girder	14.5082	0.95	1	1	2.334752
HL93_str_inv	BOBJ1	247.9	Before	Left Exterior Girder	22.9	0.95	1	1	3.521581
HL93_str_inv	BOBJ1	247.9	Before	Interior Girder 1	22.9	0.95	1	1	3.423581
HL93_str_inv	BOBJ1	247.9	Before	Interior Girder 2	22.9	0.95	1	1	3.423581
HL93_str_inv	BOBJ1	247.9	Before	Right Exterior Girder	22.9	0.95	1	1	3.521581

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelNonCompStrgth-Flx - Main Span Girders									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
HL93_str_inv	BOBJ1	247.9	After	Left Exterior Girder	22.9	0.95	1	1	3.44279
HL93_str_inv	BOBJ1	247.9	After	Interior Girder 1	22.9	0.95	1	1	3.41201
HL93_str_inv	BOBJ1	247.9	After	Interior Girder 2	22.9	0.95	1	1	3.41201
HL93_str_inv	BOBJ1	247.9	After	Right Exterior Girder	22.9	0.95	1	1	3.44279
HL93_str_inv	BOBJ1	258.5189	Before	Left Exterior Girder	33.5189	0.95	1	1	5.253549
HL93_str_inv	BOBJ1	258.5189	Before	Interior Girder 1	33.5189	0.95	1	1	5.07034
HL93_str_inv	BOBJ1	258.5189	Before	Interior Girder 2	33.5189	0.95	1	1	5.07034
HL93_str_inv	BOBJ1	258.5189	Before	Right Exterior Girder	33.5189	0.95	1	1	5.253549
HL93_str_inv	BOBJ1	258.5189	After	Left Exterior Girder	33.5189	0.95	1	1	3.546686
HL93_str_inv	BOBJ1	258.5189	After	Interior Girder 1	33.5189	0.95	1	1	3.407101
HL93_str_inv	BOBJ1	258.5189	After	Interior Girder 2	33.5189	0.95	1	1	3.407101
HL93_str_inv	BOBJ1	258.5189	After	Right Exterior Girder	33.5189	0.95	1	1	3.546686
HL93_str_inv	BOBJ1	259.3	Before	Left Exterior Girder	34.3	0.95	1	1	3.6707
HL93_str_inv	BOBJ1	259.3	Before	Interior Girder 1	34.3	0.95	1	1	3.519158
HL93_str_inv	BOBJ1	259.3	Before	Interior Girder 2	34.3	0.95	1	1	3.519158
HL93_str_inv	BOBJ1	259.3	Before	Right Exterior Girder	34.3	0.95	1	1	3.6707
HL93_str_inv	BOBJ1	259.3	After	Left Exterior Girder	34.3	0.95	1	1	3.666891
HL93_str_inv	BOBJ1	259.3	After	Interior Girder 1	34.3	0.95	1	1	3.521662
HL93_str_inv	BOBJ1	259.3	After	Interior Girder 2	34.3	0.95	1	1	3.521662
HL93_str_inv	BOBJ1	259.3	After	Right Exterior Girder	34.3	0.95	1	1	3.666891
HL93_str_inv	BOBJ1	266.1031	Before	Left Exterior Girder	41.1031	0.95	1	1	4.783646
HL93_str_inv	BOBJ1	266.1031	Before	Interior Girder 1	41.1031	0.95	1	1	4.584159
HL93_str_inv	BOBJ1	266.1031	Before	Interior Girder 2	41.1031	0.95	1	1	4.584159
HL93_str_inv	BOBJ1	266.1031	Before	Right Exterior Girder	41.1031	0.95	1	1	4.783646
HL93_str_inv	BOBJ1	266.1031	After	Left Exterior Girder	41.1031	0.95	1	1	2.485529
HL93_str_inv	BOBJ1	266.1031	After	Interior Girder 1	41.1031	0.95	1	1	2.37034
HL93_str_inv	BOBJ1	266.1031	After	Interior Girder 2	41.1031	0.95	1	1	2.37034
HL93_str_inv	BOBJ1	266.1031	After	Right Exterior Girder	41.1031	0.95	1	1	2.485529
HL93_str_inv	BOBJ1	270.7	Before	Left Exterior Girder	45.7	0.95	1	1	3.155962
HL93_str_inv	BOBJ1	270.7	Before	Interior Girder 1	45.7	0.95	1	1	2.987117
HL93_str_inv	BOBJ1	270.7	Before	Interior Girder 2	45.7	0.95	1	1	2.987117
HL93_str_inv	BOBJ1	270.7	Before	Right Exterior Girder	45.7	0.95	1	1	3.155962
HL93_str_inv	BOBJ1	270.7	After	Left Exterior Girder	45.7	0.95	1	1	3.659057
HL93_str_inv	BOBJ1	270.7	After	Interior Girder 1	45.7	0.95	1	1	3.512144
HL93_str_inv	BOBJ1	270.7	After	Interior Girder 2	45.7	0.95	1	1	3.512144
HL93_str_inv	BOBJ1	270.7	After	Right Exterior Girder	45.7	0.95	1	1	3.659057
HL93_str_inv	BOBJ1	273.6874	Before	Left Exterior Girder	48.6874	0.95	1	1	4.118531
HL93_str_inv	BOBJ1	273.6874	Before	Interior Girder 1	48.6874	0.95	1	1	3.959186
HL93_str_inv	BOBJ1	273.6874	Before	Interior Girder 2	48.6874	0.95	1	1	3.959186
HL93_str_inv	BOBJ1	273.6874	Before	Right Exterior Girder	48.6874	0.95	1	1	4.118531
HL93_str_inv	BOBJ1	273.6874	After	Left Exterior Girder	48.6874	0.95	1	1	1.757976
HL93_str_inv	BOBJ1	273.6874	After	Interior Girder 1	48.6874	0.95	1	1	1.7142
HL93_str_inv	BOBJ1	273.6874	After	Interior Girder 2	48.6874	0.95	1	1	1.7142
HL93_str_inv	BOBJ1	273.6874	After	Right Exterior Girder	48.6874	0.95	1	1	1.757976
HL93_str_inv	BOBJ1	282.15	Before	Left Exterior Girder	57.15	0.95	1	1	2.84651
HL93_str_inv	BOBJ1	282.15	Before	Interior Girder 1	57.15	0.95	1	1	2.789559
HL93_str_inv	BOBJ1	282.15	Before	Interior Girder 2	57.15	0.95	1	1	2.789559
HL93_str_inv	BOBJ1	282.15	Before	Right Exterior Girder	57.15	0.95	1	1	2.84651
HL93_str_inv	BOBJ1	282.15	After	Left Exterior Girder	57.15	0.95	1	1	2.841216
HL93_str_inv	BOBJ1	282.15	After	Interior Girder 1	57.15	0.95	1	1	2.795433
HL93_str_inv	BOBJ1	282.15	After	Interior Girder 2	57.15	0.95	1	1	2.795433
HL93_str_inv	BOBJ1	282.15	After	Right Exterior Girder	57.15	0.95	1	1	2.841216
HL93_str_inv	BOBJ1	293.6	Before	Left Exterior Girder	68.6	0.95	1	1	2.650518
HL93_str_inv	BOBJ1	293.6	Before	Interior Girder 1	68.6	0.95	1	1	2.184721
HL93_str_inv	BOBJ1	293.6	Before	Interior Girder 2	68.6	0.95	1	1	2.184721
HL93_str_inv	BOBJ1	293.6	Before	Right Exterior Girder	68.6	0.95	1	1	2.650518
HL93_str_inv	BOBJ1	293.6	After	Left Exterior Girder	68.6	0.95	1	1	2.652012
HL93_str_inv	BOBJ1	293.6	After	Interior Girder 1	68.6	0.95	1	1	2.242781
HL93_str_inv	BOBJ1	293.6	After	Interior Girder 2	68.6	0.95	1	1	2.242781
HL93_str_inv	BOBJ1	293.6	After	Right Exterior Girder	68.6	0.95	1	1	2.652012
HL93_str_inv	BOBJ1	305	Before	Left Exterior Girder	80	0.95	1	1	1.434469
HL93_str_inv	BOBJ1	305	Before	Interior Girder 1	80	0.95	1	1	1.194608
HL93_str_inv	BOBJ1	305	Before	Interior Girder 2	80	0.95	1	1	1.194608
HL93_str_inv	BOBJ1	305	Before	Right Exterior Girder	80	0.95	1	1	1.434469
HL93_str_inv	BOBJ1	305	After	Left Exterior Girder	80	0.95	1	1	1.435278
HL93_str_inv	BOBJ1	305	After	Interior Girder 1	80	0.95	1	1	1.194057
HL93_str_inv	BOBJ1	305	After	Interior Girder 2	80	0.95	1	1	1.194057
HL93_str_inv	BOBJ1	305	After	Right Exterior Girder	80	0.95	1	1	1.435278

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelINonCompStrgth-Flx - Main Span Girders									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
HL93_str_inv	BOBJ1	306.9561	Before	Left Exterior Girder	81.9561	0.95	1	1	1.264242
HL93_str_inv	BOBJ1	306.9561	Before	Interior Girder 1	81.9561	0.95	1	1	1.063899
HL93_str_inv	BOBJ1	306.9561	Before	Interior Girder 2	81.9561	0.95	1	1	1.063899
HL93_str_inv	BOBJ1	306.9561	Before	Right Exterior Girder	81.9561	0.95	1	1	1.264242
HL93_str_inv	BOBJ1	306.9561	After	Left Exterior Girder	81.9561	0.95	1	1	3.310441
HL93_str_inv	BOBJ1	306.9561	After	Interior Girder 1	81.9561	0.95	1	1	2.813469
HL93_str_inv	BOBJ1	306.9561	After	Interior Girder 2	81.9561	0.95	1	1	2.813469
HL93_str_inv	BOBJ1	306.9561	After	Right Exterior Girder	81.9561	0.95	1	1	3.310441
HL93_str_inv	BOBJ1	316.4	Before	Left Exterior Girder	91.4	0.95	1	1	2.363765
HL93_str_inv	BOBJ1	316.4	Before	Interior Girder 1	91.4	0.95	1	1	2.094242
HL93_str_inv	BOBJ1	316.4	Before	Interior Girder 2	91.4	0.95	1	1	2.094242
HL93_str_inv	BOBJ1	316.4	Before	Right Exterior Girder	91.4	0.95	1	1	2.363765
HL93_str_inv	BOBJ1	316.4	After	Left Exterior Girder	91.4	0.95	1	1	2.405661
HL93_str_inv	BOBJ1	316.4	After	Interior Girder 1	91.4	0.95	1	1	2.096759
HL93_str_inv	BOBJ1	316.4	After	Interior Girder 2	91.4	0.95	1	1	2.096759
HL93_str_inv	BOBJ1	316.4	After	Right Exterior Girder	91.4	0.95	1	1	2.405661
HL93_str_inv	BOBJ1	327.85	Before	Left Exterior Girder	102.9679	0.95	1	1	1.680429
HL93_str_inv	BOBJ1	327.85	Before	Interior Girder 1	102.9679	0.95	1	1	1.487116
HL93_str_inv	BOBJ1	327.85	Before	Interior Girder 2	102.9679	0.95	1	1	1.487116
HL93_str_inv	BOBJ1	327.85	Before	Right Exterior Girder	102.9679	0.95	1	1	1.680429
HL93_str_inv	BOBJ1	327.85	After	Left Exterior Girder	102.9679	0.95	1	1	3.241707
HL93_str_inv	BOBJ1	327.85	After	Interior Girder 1	102.9679	0.95	1	1	2.915055
HL93_str_inv	BOBJ1	327.85	After	Interior Girder 2	102.9679	0.95	1	1	2.915055
HL93_str_inv	BOBJ1	327.85	After	Right Exterior Girder	102.9679	0.95	1	1	3.241707
HL93_str_inv	BOBJ1	339.3	Before	Left Exterior Girder	114.3	0.95	1	1	2.598987
HL93_str_inv	BOBJ1	339.3	Before	Interior Girder 1	114.3	0.95	1	1	2.400525
HL93_str_inv	BOBJ1	339.3	Before	Interior Girder 2	114.3	0.95	1	1	2.400525
HL93_str_inv	BOBJ1	339.3	Before	Right Exterior Girder	114.3	0.95	1	1	2.598987
HL93_str_inv	BOBJ1	339.3	After	Left Exterior Girder	114.3	0.95	1	1	2.622862
HL93_str_inv	BOBJ1	339.3	After	Interior Girder 1	114.3	0.95	1	1	2.405715
HL93_str_inv	BOBJ1	339.3	After	Interior Girder 2	114.3	0.95	1	1	2.405715
HL93_str_inv	BOBJ1	339.3	After	Right Exterior Girder	114.3	0.95	1	1	2.622862
HL93_str_inv	BOBJ1	350.7	Before	Left Exterior Girder	125.7	0.95	1	1	2.227092
HL93_str_inv	BOBJ1	350.7	Before	Interior Girder 1	125.7	0.95	1	1	2.047467
HL93_str_inv	BOBJ1	350.7	Before	Interior Girder 2	125.7	0.95	1	1	2.047467
HL93_str_inv	BOBJ1	350.7	Before	Right Exterior Girder	125.7	0.95	1	1	2.227092
HL93_str_inv	BOBJ1	350.7	After	Left Exterior Girder	125.7	0.95	1	1	2.226703
HL93_str_inv	BOBJ1	350.7	After	Interior Girder 1	125.7	0.95	1	1	2.047738
HL93_str_inv	BOBJ1	350.7	After	Interior Girder 2	125.7	0.95	1	1	2.047739
HL93_str_inv	BOBJ1	350.7	After	Right Exterior Girder	125.7	0.95	1	1	2.226703
HL93_str_inv	BOBJ1	362.1	Before	Left Exterior Girder	137.1	0.95	1	1	1.961447
HL93_str_inv	BOBJ1	362.1	Before	Interior Girder 1	137.1	0.95	1	1	1.831853
HL93_str_inv	BOBJ1	362.1	Before	Interior Girder 2	137.1	0.95	1	1	1.831853
HL93_str_inv	BOBJ1	362.1	Before	Right Exterior Girder	137.1	0.95	1	1	1.961447
HL93_str_inv	BOBJ1	362.1	After	Left Exterior Girder	137.1	0.95	1	1	1.97243
HL93_str_inv	BOBJ1	362.1	After	Interior Girder 1	137.1	0.95	1	1	1.835818
HL93_str_inv	BOBJ1	362.1	After	Interior Girder 2	137.1	0.95	1	1	1.835818
HL93_str_inv	BOBJ1	362.1	After	Right Exterior Girder	137.1	0.95	1	1	1.97243
HL93_str_inv	BOBJ1	373.55	Before	Left Exterior Girder	148.55	0.95	1	1	1.83818
HL93_str_inv	BOBJ1	373.55	Before	Interior Girder 1	148.55	0.95	1	1	1.703378
HL93_str_inv	BOBJ1	373.55	Before	Interior Girder 2	148.55	0.95	1	1	1.703377
HL93_str_inv	BOBJ1	373.55	Before	Right Exterior Girder	148.55	0.95	1	1	1.83818
HL93_str_inv	BOBJ1	373.55	After	Left Exterior Girder	148.55	0.95	1	1	1.838049
HL93_str_inv	BOBJ1	373.55	After	Interior Girder 1	148.55	0.95	1	1	1.703846
HL93_str_inv	BOBJ1	373.55	After	Interior Girder 2	148.55	0.95	1	1	1.703846
HL93_str_inv	BOBJ1	373.55	After	Right Exterior Girder	148.55	0.95	1	1	1.838049
HL93_str_inv	BOBJ1	385	Before	Left Exterior Girder	160	0.95	1	1	1.785084
HL93_str_inv	BOBJ1	385	Before	Interior Girder 1	160	0.95	1	1	1.670254
HL93_str_inv	BOBJ1	385	Before	Interior Girder 2	160	0.95	1	1	1.670254
HL93_str_inv	BOBJ1	385	Before	Right Exterior Girder	160	0.95	1	1	1.785084
HL93_str_inv	BOBJ1	385	After	Left Exterior Girder	160	0.95	1	1	1.785084
HL93_str_inv	BOBJ1	385	After	Interior Girder 1	160	0.95	1	1	1.670254
HL93_str_inv	BOBJ1	385	After	Interior Girder 2	160	0.95	1	1	1.670253
HL93_str_inv	BOBJ1	385	After	Right Exterior Girder	160	0.95	1	1	1.785084
HL93_str_inv	BOBJ1	396.45	Before	Left Exterior Girder	171.45	0.95	1	1	1.838049
HL93_str_inv	BOBJ1	396.45	Before	Interior Girder 1	171.45	0.95	1	1	1.703844
HL93_str_inv	BOBJ1	396.45	Before	Interior Girder 2	171.45	0.95	1	1	1.703844
HL93_str_inv	BOBJ1	396.45	Before	Right Exterior Girder	171.45	0.95	1	1	1.838049

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelINonCompStrgth-Flx - Main Span Girders									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
HL93_str_inv	BOBJ1	396.45	After	Left Exterior Girder	171.45	0.95	1	1	1.83818
HL93_str_inv	BOBJ1	396.45	After	Interior Girder 1	171.45	0.95	1	1	1.703375
HL93_str_inv	BOBJ1	396.45	After	Interior Girder 2	171.45	0.95	1	1	1.703375
HL93_str_inv	BOBJ1	396.45	After	Right Exterior Girder	171.45	0.95	1	1	1.83818
HL93_str_inv	BOBJ1	407.9	Before	Left Exterior Girder	182.9	0.95	1	1	1.972433
HL93_str_inv	BOBJ1	407.9	Before	Interior Girder 1	182.9	0.95	1	1	1.835818
HL93_str_inv	BOBJ1	407.9	Before	Interior Girder 2	182.9	0.95	1	1	1.835818
HL93_str_inv	BOBJ1	407.9	Before	Right Exterior Girder	182.9	0.95	1	1	1.972433
HL93_str_inv	BOBJ1	407.9	After	Left Exterior Girder	182.9	0.95	1	1	1.96145
HL93_str_inv	BOBJ1	407.9	After	Interior Girder 1	182.9	0.95	1	1	1.831851
HL93_str_inv	BOBJ1	407.9	After	Interior Girder 2	182.9	0.95	1	1	1.831851
HL93_str_inv	BOBJ1	407.9	After	Right Exterior Girder	182.9	0.95	1	1	1.96145
HL93_str_inv	BOBJ1	419.3	Before	Left Exterior Girder	194.3	0.95	1	1	2.226707
HL93_str_inv	BOBJ1	419.3	Before	Interior Girder 1	194.3	0.95	1	1	2.047737
HL93_str_inv	BOBJ1	419.3	Before	Interior Girder 2	194.3	0.95	1	1	2.047737
HL93_str_inv	BOBJ1	419.3	Before	Right Exterior Girder	194.3	0.95	1	1	2.226707
HL93_str_inv	BOBJ1	419.3	After	Left Exterior Girder	194.3	0.95	1	1	2.227095
HL93_str_inv	BOBJ1	419.3	After	Interior Girder 1	194.3	0.95	1	1	2.04746
HL93_str_inv	BOBJ1	419.3	After	Interior Girder 2	194.3	0.95	1	1	2.04746
HL93_str_inv	BOBJ1	419.3	After	Right Exterior Girder	194.3	0.95	1	1	2.227095
HL93_str_inv	BOBJ1	430.7	Before	Left Exterior Girder	205.7	0.95	1	1	2.622867
HL93_str_inv	BOBJ1	430.7	Before	Interior Girder 1	205.7	0.95	1	1	2.405712
HL93_str_inv	BOBJ1	430.7	Before	Interior Girder 2	205.7	0.95	1	1	2.405712
HL93_str_inv	BOBJ1	430.7	Before	Right Exterior Girder	205.7	0.95	1	1	2.622867
HL93_str_inv	BOBJ1	430.7	After	Left Exterior Girder	205.7	0.95	1	1	2.598992
HL93_str_inv	BOBJ1	430.7	After	Interior Girder 1	205.7	0.95	1	1	2.400521
HL93_str_inv	BOBJ1	430.7	After	Interior Girder 2	205.7	0.95	1	1	2.400521
HL93_str_inv	BOBJ1	430.7	After	Right Exterior Girder	205.7	0.95	1	1	2.598992
HL93_str_inv	BOBJ1	442.15	Before	Left Exterior Girder	217.0321	0.95	1	1	3.235515
HL93_str_inv	BOBJ1	442.15	Before	Interior Girder 1	217.0321	0.95	1	1	2.914196
HL93_str_inv	BOBJ1	442.15	Before	Interior Girder 2	217.0321	0.95	1	1	2.914196
HL93_str_inv	BOBJ1	442.15	Before	Right Exterior Girder	217.0321	0.95	1	1	3.235515
HL93_str_inv	BOBJ1	442.15	After	Left Exterior Girder	217.0321	0.95	1	1	1.677625
HL93_str_inv	BOBJ1	442.15	After	Interior Girder 1	217.0321	0.95	1	1	1.486239
HL93_str_inv	BOBJ1	442.15	After	Interior Girder 2	217.0321	0.95	1	1	1.486239
HL93_str_inv	BOBJ1	442.15	After	Right Exterior Girder	217.0321	0.95	1	1	1.677625
HL93_str_inv	BOBJ1	453.6	Before	Left Exterior Girder	228.6	0.95	1	1	2.405664
HL93_str_inv	BOBJ1	453.6	Before	Interior Girder 1	228.6	0.95	1	1	2.096774
HL93_str_inv	BOBJ1	453.6	Before	Interior Girder 2	228.6	0.95	1	1	2.096774
HL93_str_inv	BOBJ1	453.6	Before	Right Exterior Girder	228.6	0.95	1	1	2.405664
HL93_str_inv	BOBJ1	453.6	After	Left Exterior Girder	228.6	0.95	1	1	2.363771
HL93_str_inv	BOBJ1	453.6	After	Interior Girder 1	228.6	0.95	1	1	2.094236
HL93_str_inv	BOBJ1	453.6	After	Interior Girder 2	228.6	0.95	1	1	2.094236
HL93_str_inv	BOBJ1	453.6	After	Right Exterior Girder	228.6	0.95	1	1	2.363771
HL93_str_inv	BOBJ1	463.0439	Before	Left Exterior Girder	238.0439	0.95	1	1	3.300679
HL93_str_inv	BOBJ1	463.0439	Before	Interior Girder 1	238.0439	0.95	1	1	2.812557
HL93_str_inv	BOBJ1	463.0439	Before	Interior Girder 2	238.0439	0.95	1	1	2.812557
HL93_str_inv	BOBJ1	463.0439	Before	Right Exterior Girder	238.0439	0.95	1	1	3.300679
HL93_str_inv	BOBJ1	463.0439	After	Left Exterior Girder	238.0439	0.95	1	1	1.2609
HL93_str_inv	BOBJ1	463.0439	After	Interior Girder 1	238.0439	0.95	1	1	1.06312
HL93_str_inv	BOBJ1	463.0439	After	Interior Girder 2	238.0439	0.95	1	1	1.06312
HL93_str_inv	BOBJ1	463.0439	After	Right Exterior Girder	238.0439	0.95	1	1	1.2609
HL93_str_inv	BOBJ1	465	Before	Left Exterior Girder	240	0.95	1	1	1.435318
HL93_str_inv	BOBJ1	465	Before	Interior Girder 1	240	0.95	1	1	1.194058
HL93_str_inv	BOBJ1	465	Before	Interior Girder 2	240	0.95	1	1	1.194058
HL93_str_inv	BOBJ1	465	Before	Right Exterior Girder	240	0.95	1	1	1.435318
HL93_str_inv	BOBJ1	465	After	Left Exterior Girder	240	0.95	1	1	1.43451
HL93_str_inv	BOBJ1	465	After	Interior Girder 1	240	0.95	1	1	1.194608
HL93_str_inv	BOBJ1	465	After	Interior Girder 2	240	0.95	1	1	1.194608
HL93_str_inv	BOBJ1	465	After	Right Exterior Girder	240	0.95	1	1	1.43451
HL93_str_inv	BOBJ1	476.4	Before	Left Exterior Girder	251.4	0.95	1	1	2.652014
HL93_str_inv	BOBJ1	476.4	Before	Interior Girder 1	251.4	0.95	1	1	2.242772
HL93_str_inv	BOBJ1	476.4	Before	Interior Girder 2	251.4	0.95	1	1	2.242772
HL93_str_inv	BOBJ1	476.4	Before	Right Exterior Girder	251.4	0.95	1	1	2.652014
HL93_str_inv	BOBJ1	476.4	After	Left Exterior Girder	251.4	0.95	1	1	2.650532
HL93_str_inv	BOBJ1	476.4	After	Interior Girder 1	251.4	0.95	1	1	2.184732
HL93_str_inv	BOBJ1	476.4	After	Interior Girder 2	251.4	0.95	1	1	2.184732
HL93_str_inv	BOBJ1	476.4	After	Right Exterior Girder	251.4	0.95	1	1	2.650532

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelINonCompStrgth-Flx - Main Span Girders									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
HL93_str_inv	BOBJ1	487.85	Before	Left Exterior Girder	262.85	0.95	1	1	2.19631
HL93_str_inv	BOBJ1	487.85	Before	Interior Girder 1	262.85	0.95	1	1	2.192474
HL93_str_inv	BOBJ1	487.85	Before	Interior Girder 2	262.85	0.95	1	1	2.192474
HL93_str_inv	BOBJ1	487.85	Before	Right Exterior Girder	262.85	0.95	1	1	2.19631
HL93_str_inv	BOBJ1	487.85	After	Left Exterior Girder	262.85	0.95	1	1	2.201784
HL93_str_inv	BOBJ1	487.85	After	Interior Girder 1	262.85	0.95	1	1	2.186583
HL93_str_inv	BOBJ1	487.85	After	Interior Girder 2	262.85	0.95	1	1	2.186583
HL93_str_inv	BOBJ1	487.85	After	Right Exterior Girder	262.85	0.95	1	1	2.201784
HL93_str_inv	BOBJ1	496.3126	Before	Left Exterior Girder	271.3126	0.95	1	1	1.168902
HL93_str_inv	BOBJ1	496.3126	Before	Interior Girder 1	271.3126	0.95	1	1	1.171944
HL93_str_inv	BOBJ1	496.3126	Before	Interior Girder 2	271.3126	0.95	1	1	1.171944
HL93_str_inv	BOBJ1	496.3126	Before	Right Exterior Girder	271.3126	0.95	1	1	1.168902
HL93_str_inv	BOBJ1	496.3126	After	Left Exterior Girder	271.3126	0.95	1	1	3.819979
HL93_str_inv	BOBJ1	496.3126	After	Interior Girder 1	271.3126	0.95	1	1	3.732098
HL93_str_inv	BOBJ1	496.3126	After	Interior Girder 2	271.3126	0.95	1	1	3.732098
HL93_str_inv	BOBJ1	496.3126	After	Right Exterior Girder	271.3126	0.95	1	1	3.819979
HL93_str_inv	BOBJ1	499.3	Before	Left Exterior Girder	274.3	0.95	1	1	3.37839
HL93_str_inv	BOBJ1	499.3	Before	Interior Girder 1	274.3	0.95	1	1	3.293681
HL93_str_inv	BOBJ1	499.3	Before	Interior Girder 2	274.3	0.95	1	1	3.293681
HL93_str_inv	BOBJ1	499.3	Before	Right Exterior Girder	274.3	0.95	1	1	3.37839
HL93_str_inv	BOBJ1	499.3	After	Left Exterior Girder	274.3	0.95	1	1	3.155958
HL93_str_inv	BOBJ1	499.3	After	Interior Girder 1	274.3	0.95	1	1	2.987122
HL93_str_inv	BOBJ1	499.3	After	Interior Girder 2	274.3	0.95	1	1	2.987122
HL93_str_inv	BOBJ1	499.3	After	Right Exterior Girder	274.3	0.95	1	1	3.155958
HL93_str_inv	BOBJ1	503.8969	Before	Left Exterior Girder	278.8969	0.95	1	1	2.485528
HL93_str_inv	BOBJ1	503.8969	Before	Interior Girder 1	278.8969	0.95	1	1	2.370342
HL93_str_inv	BOBJ1	503.8969	Before	Interior Girder 2	278.8969	0.95	1	1	2.370342
HL93_str_inv	BOBJ1	503.8969	Before	Right Exterior Girder	278.8969	0.95	1	1	2.485528
HL93_str_inv	BOBJ1	503.8969	After	Left Exterior Girder	278.8969	0.95	1	1	4.783645
HL93_str_inv	BOBJ1	503.8969	After	Interior Girder 1	278.8969	0.95	1	1	4.584165
HL93_str_inv	BOBJ1	503.8969	After	Interior Girder 2	278.8969	0.95	1	1	4.584165
HL93_str_inv	BOBJ1	503.8969	After	Right Exterior Girder	278.8969	0.95	1	1	4.783645
HL93_str_inv	BOBJ1	510.7	Before	Left Exterior Girder	285.7	0.95	1	1	3.66689
HL93_str_inv	BOBJ1	510.7	Before	Interior Girder 1	285.7	0.95	1	1	3.521665
HL93_str_inv	BOBJ1	510.7	Before	Interior Girder 2	285.7	0.95	1	1	3.521665
HL93_str_inv	BOBJ1	510.7	Before	Right Exterior Girder	285.7	0.95	1	1	3.66689
HL93_str_inv	BOBJ1	510.7	After	Left Exterior Girder	285.7	0.95	1	1	3.670697
HL93_str_inv	BOBJ1	510.7	After	Interior Girder 1	285.7	0.95	1	1	3.519162
HL93_str_inv	BOBJ1	510.7	After	Interior Girder 2	285.7	0.95	1	1	3.519162
HL93_str_inv	BOBJ1	510.7	After	Right Exterior Girder	285.7	0.95	1	1	3.670697
HL93_str_inv	BOBJ1	511.4811	Before	Left Exterior Girder	286.4811	0.95	1	1	3.548658
HL93_str_inv	BOBJ1	511.4811	Before	Interior Girder 1	286.4811	0.95	1	1	3.407662
HL93_str_inv	BOBJ1	511.4811	Before	Interior Girder 2	286.4811	0.95	1	1	3.407662
HL93_str_inv	BOBJ1	511.4811	Before	Right Exterior Girder	286.4811	0.95	1	1	3.548658
HL93_str_inv	BOBJ1	511.4811	After	Left Exterior Girder	286.4811	0.95	1	1	5.256909
HL93_str_inv	BOBJ1	511.4811	After	Interior Girder 1	286.4811	0.95	1	1	5.070824
HL93_str_inv	BOBJ1	511.4811	After	Interior Girder 2	286.4811	0.95	1	1	5.070824
HL93_str_inv	BOBJ1	511.4811	After	Right Exterior Girder	286.4811	0.95	1	1	5.256909
HL93_str_inv	BOBJ1	522.1	Before	Left Exterior Girder	297.1	0.95	1	1	3.442961
HL93_str_inv	BOBJ1	522.1	Before	Interior Girder 1	297.1	0.95	1	1	3.412246
HL93_str_inv	BOBJ1	522.1	Before	Interior Girder 2	297.1	0.95	1	1	3.412246
HL93_str_inv	BOBJ1	522.1	Before	Right Exterior Girder	297.1	0.95	1	1	3.442961
HL93_str_inv	BOBJ1	522.1	After	Left Exterior Girder	297.1	0.95	1	1	3.521715
HL93_str_inv	BOBJ1	522.1	After	Interior Girder 1	297.1	0.95	1	1	3.423728
HL93_str_inv	BOBJ1	522.1	After	Interior Girder 2	297.1	0.95	1	1	3.423728
HL93_str_inv	BOBJ1	522.1	After	Right Exterior Girder	297.1	0.95	1	1	3.521715
HL93_str_inv	BOBJ1	530.4918	Before	Left Exterior Girder	305.4918	0.95	1	1	2.334747
HL93_str_inv	BOBJ1	530.4918	Before	Interior Girder 1	305.4918	0.95	1	1	2.255639
HL93_str_inv	BOBJ1	530.4918	Before	Interior Girder 2	305.4918	0.95	1	1	2.255639
HL93_str_inv	BOBJ1	530.4918	Before	Right Exterior Girder	305.4918	0.95	1	1	2.334747
HL93_str_inv	BOBJ1	530.4918	After	Left Exterior Girder	305.4918	0.95	1	1	3.528474
HL93_str_inv	BOBJ1	530.4918	After	Interior Girder 1	305.4918	0.95	1	1	3.412471
HL93_str_inv	BOBJ1	530.4918	After	Interior Girder 2	305.4918	0.95	1	1	3.412471
HL93_str_inv	BOBJ1	530.4918	After	Right Exterior Girder	305.4918	0.95	1	1	3.528474
HL93_str_inv	BOBJ1	533.55	Before	Left Exterior Girder	308.55	0.95	1	1	3.093409
HL93_str_inv	BOBJ1	533.55	Before	Interior Girder 1	308.55	0.95	1	1	2.968898
HL93_str_inv	BOBJ1	533.55	Before	Interior Girder 2	308.55	0.95	1	1	2.968898
HL93_str_inv	BOBJ1	533.55	Before	Right Exterior Girder	308.55	0.95	1	1	3.093409

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelINonCompStrgth-Flx - Main Span Girders									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
HL93_str_inv	BOBJ1	533.55	After	Left Exterior Girder	308.55	0.95	1	1	3.087506
HL93_str_inv	BOBJ1	533.55	After	Interior Girder 1	308.55	0.95	1	1	2.969822
HL93_str_inv	BOBJ1	533.55	After	Interior Girder 2	308.55	0.95	1	1	2.969822
HL93_str_inv	BOBJ1	533.55	After	Right Exterior Girder	308.55	0.95	1	1	3.087506
HL93_str_inv	BOBJ1	545	Before	Left Exterior Girder	320	0.95	1	1	1.791284
HL93_str_inv	BOBJ1	545	Before	Interior Girder 1	320	0.95	1	1	1.62219
HL93_str_inv	BOBJ1	545	Before	Interior Girder 2	320	0.95	1	1	1.62219
HL93_str_inv	BOBJ1	545	Before	Right Exterior Girder	320	0.95	1	1	1.791284
HL93_str_inv	BOBJ1	545	After	Left Exterior Girder	0	0.95	1	1	1.925566
HL93_str_inv	BOBJ1	545	After	Interior Girder 1	0	0.95	1	1	1.659592
HL93_str_inv	BOBJ1	545	After	Interior Girder 2	0	0.95	1	1	1.659592
HL93_str_inv	BOBJ1	545	After	Right Exterior Girder	0	0.95	1	1	1.925566
HL93_str_inv	BOBJ1	556.25	Before	Left Exterior Girder	11.25	0.95	1	1	3.102887
HL93_str_inv	BOBJ1	556.25	Before	Interior Girder 1	11.25	0.95	1	1	2.774086
HL93_str_inv	BOBJ1	556.25	Before	Interior Girder 2	11.25	0.95	1	1	2.774086
HL93_str_inv	BOBJ1	556.25	Before	Right Exterior Girder	11.25	0.95	1	1	3.102886
HL93_str_inv	BOBJ1	556.25	After	Left Exterior Girder	11.25	0.95	1	1	3.102839
HL93_str_inv	BOBJ1	556.25	After	Interior Girder 1	11.25	0.95	1	1	2.774993
HL93_str_inv	BOBJ1	556.25	After	Interior Girder 2	11.25	0.95	1	1	2.774993
HL93_str_inv	BOBJ1	556.25	After	Right Exterior Girder	11.25	0.95	1	1	3.102839
HL93_str_inv	BOBJ1	559.4358	Before	Left Exterior Girder	14.4358	0.95	1	1	3.486124
HL93_str_inv	BOBJ1	559.4358	Before	Interior Girder 1	14.4358	0.95	1	1	3.146457
HL93_str_inv	BOBJ1	559.4358	Before	Interior Girder 2	14.4358	0.95	1	1	3.146457
HL93_str_inv	BOBJ1	559.4358	Before	Right Exterior Girder	14.4358	0.95	1	1	3.486124
HL93_str_inv	BOBJ1	559.4358	After	Left Exterior Girder	14.4358	0.95	1	1	2.274315
HL93_str_inv	BOBJ1	559.4358	After	Interior Girder 1	14.4358	0.95	1	1	2.041997
HL93_str_inv	BOBJ1	559.4358	After	Interior Girder 2	14.4358	0.95	1	1	2.041997
HL93_str_inv	BOBJ1	559.4358	After	Right Exterior Girder	14.4358	0.95	1	1	2.274315
HL93_str_inv	BOBJ1	567.5	Before	Left Exterior Girder	22.5	0.95	1	1	3.206251
HL93_str_inv	BOBJ1	567.5	Before	Interior Girder 1	22.5	0.95	1	1	2.829279
HL93_str_inv	BOBJ1	567.5	Before	Interior Girder 2	22.5	0.95	1	1	2.829279
HL93_str_inv	BOBJ1	567.5	Before	Right Exterior Girder	22.5	0.95	1	1	3.206251
HL93_str_inv	BOBJ1	567.5	After	Left Exterior Girder	22.5	0.95	1	1	3.617855
HL93_str_inv	BOBJ1	567.5	After	Interior Girder 1	22.5	0.95	1	1	3.203818
HL93_str_inv	BOBJ1	567.5	After	Interior Girder 2	22.5	0.95	1	1	3.203818
HL93_str_inv	BOBJ1	567.5	After	Right Exterior Girder	22.5	0.95	1	1	3.617855
HL93_str_inv	BOBJ1	570.0586	Before	Left Exterior Girder	25.0586	0.95	1	1	3.945541
HL93_str_inv	BOBJ1	570.0586	Before	Interior Girder 1	25.0586	0.95	1	1	3.479655
HL93_str_inv	BOBJ1	570.0586	Before	Interior Girder 2	25.0586	0.95	1	1	3.479655
HL93_str_inv	BOBJ1	570.0586	Before	Right Exterior Girder	25.0586	0.95	1	1	3.945541
HL93_str_inv	BOBJ1	570.0586	After	Left Exterior Girder	25.0586	0.95	1	1	2.387378
HL93_str_inv	BOBJ1	570.0586	After	Interior Girder 1	25.0586	0.95	1	1	2.095774
HL93_str_inv	BOBJ1	570.0586	After	Interior Girder 2	25.0586	0.95	1	1	2.095774
HL93_str_inv	BOBJ1	570.0586	After	Right Exterior Girder	25.0586	0.95	1	1	2.387377
HL93_str_inv	BOBJ1	578.75	Before	Left Exterior Girder	33.75	0.95	1	1	3.260645
HL93_str_inv	BOBJ1	578.75	Before	Interior Girder 1	33.75	0.95	1	1	2.931886
HL93_str_inv	BOBJ1	578.75	Before	Interior Girder 2	33.75	0.95	1	1	2.931886
HL93_str_inv	BOBJ1	578.75	Before	Right Exterior Girder	33.75	0.95	1	1	3.260645
HL93_str_inv	BOBJ1	578.75	After	Left Exterior Girder	33.75	0.95	1	1	3.249545
HL93_str_inv	BOBJ1	578.75	After	Interior Girder 1	33.75	0.95	1	1	2.936843
HL93_str_inv	BOBJ1	578.75	After	Interior Girder 2	33.75	0.95	1	1	2.936843
HL93_str_inv	BOBJ1	578.75	After	Right Exterior Girder	33.75	0.95	1	1	3.249545
HL93_str_inv	BOBJ1	586.8142	Before	Left Exterior Girder	41.8142	0.95	1	1	4.108159
HL93_str_inv	BOBJ1	586.8142	Before	Interior Girder 1	41.8142	0.95	1	1	3.778612
HL93_str_inv	BOBJ1	586.8142	Before	Interior Girder 2	41.8142	0.95	1	1	3.778612
HL93_str_inv	BOBJ1	586.8142	Before	Right Exterior Girder	41.8142	0.95	1	1	4.108159
HL93_str_inv	BOBJ1	586.8142	After	Left Exterior Girder	41.8142	0.95	1	1	1.932958
HL93_str_inv	BOBJ1	586.8142	After	Interior Girder 1	41.8142	0.95	1	1	1.774424
HL93_str_inv	BOBJ1	586.8142	After	Interior Girder 2	41.8142	0.95	1	1	1.774424
HL93_str_inv	BOBJ1	586.8142	After	Right Exterior Girder	41.8142	0.95	1	1	1.932958
HL93_str_inv	BOBJ1	590	Before	Left Exterior Girder	45	0.95	1	1	2.214436
HL93_str_inv	BOBJ1	590	Before	Interior Girder 1	45	0.95	1	1	2.048754
HL93_str_inv	BOBJ1	590	Before	Interior Girder 2	45	0.95	1	1	2.048754
HL93_str_inv	BOBJ1	590	Before	Right Exterior Girder	45	0.95	1	1	2.214436
HL93_str_inv	BOBJ1	590	After	Left Exterior Girder	45	0.95	1	1	1.365435
HL93_str_inv	BOBJ1	590	After	Interior Girder 1	45	0.95	1	1	1.292739
HL93_str_inv	BOBJ1	590	After	Interior Girder 2	45	0.95	1	1	1.292739
HL93_str_inv	BOBJ1	590	After	Right Exterior Girder	45	0.95	1	1	1.365435

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelINonCompStrgth-Flx - Main Span Girders									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
HL93_str_inv	BOBJ1	601.25	Before	Left Exterior Girder	56.25	0.95	1	1	2.298305
HL93_str_inv	BOBJ1	601.25	Before	Interior Girder 1	56.25	0.95	1	1	2.202833
HL93_str_inv	BOBJ1	601.25	Before	Interior Girder 2	56.25	0.95	1	1	2.202833
HL93_str_inv	BOBJ1	601.25	Before	Right Exterior Girder	56.25	0.95	1	1	2.298305
HL93_str_inv	BOBJ1	601.25	After	Left Exterior Girder	56.25	0.95	1	1	2.292753
HL93_str_inv	BOBJ1	601.25	After	Interior Girder 1	56.25	0.95	1	1	2.208003
HL93_str_inv	BOBJ1	601.25	After	Interior Girder 2	56.25	0.95	1	1	2.208003
HL93_str_inv	BOBJ1	601.25	After	Right Exterior Girder	56.25	0.95	1	1	2.292753
HL93_str_inv	BOBJ1	601.7478	Before	Left Exterior Girder	56.7478	0.95	1	1	2.334623
HL93_str_inv	BOBJ1	601.7478	Before	Interior Girder 1	56.7478	0.95	1	1	2.248684
HL93_str_inv	BOBJ1	601.7478	Before	Interior Girder 2	56.7478	0.95	1	1	2.248684
HL93_str_inv	BOBJ1	601.7478	Before	Right Exterior Girder	56.7478	0.95	1	1	2.334623
HL93_str_inv	BOBJ1	601.7478	After	Left Exterior Girder	56.7478	0.95	1	1	0.741976
HL93_str_inv	BOBJ1	601.7478	After	Interior Girder 1	56.7478	0.95	1	1	0.722511
HL93_str_inv	BOBJ1	601.7478	After	Interior Girder 2	56.7478	0.95	1	1	0.722511
HL93_str_inv	BOBJ1	601.7478	After	Right Exterior Girder	56.7478	0.95	1	1	0.741976
HL93_str_inv	BOBJ1	612.5	Before	Left Exterior Girder	67.5	0.95	1	1	1.527998
HL93_str_inv	BOBJ1	612.5	Before	Interior Girder 1	67.5	0.95	1	1	1.494269
HL93_str_inv	BOBJ1	612.5	Before	Interior Girder 2	67.5	0.95	1	1	1.494269
HL93_str_inv	BOBJ1	612.5	Before	Right Exterior Girder	67.5	0.95	1	1	1.527998
HL93_str_inv	BOBJ1	612.5	After	Left Exterior Girder	67.5	0.95	1	1	2.147756
HL93_str_inv	BOBJ1	612.5	After	Interior Girder 1	67.5	0.95	1	1	2.116698
HL93_str_inv	BOBJ1	612.5	After	Interior Girder 2	67.5	0.95	1	1	2.116698
HL93_str_inv	BOBJ1	612.5	After	Right Exterior Girder	67.5	0.95	1	1	2.147756
HL93_str_inv	BOBJ1	623.75	Before	Left Exterior Girder	78.75	0.95	1	1	2.537051
HL93_str_inv	BOBJ1	623.75	Before	Interior Girder 1	78.75	0.95	1	1	2.177544
HL93_str_inv	BOBJ1	623.75	Before	Interior Girder 2	78.75	0.95	1	1	2.177544
HL93_str_inv	BOBJ1	623.75	Before	Right Exterior Girder	78.75	0.95	1	1	2.537051
HL93_str_inv	BOBJ1	623.75	After	Left Exterior Girder	78.75	0.95	1	1	2.540343
HL93_str_inv	BOBJ1	623.75	After	Interior Girder 1	78.75	0.95	1	1	2.175995
HL93_str_inv	BOBJ1	623.75	After	Interior Girder 2	78.75	0.95	1	1	2.175995
HL93_str_inv	BOBJ1	623.75	After	Right Exterior Girder	78.75	0.95	1	1	2.540344
HL93_str_inv	BOBJ1	635	Before	Left Exterior Girder	90	0.95	1	1	1.768663
HL93_str_inv	BOBJ1	635	Before	Interior Girder 1	90	0.95	1	1	1.585515
HL93_str_inv	BOBJ1	635	Before	Interior Girder 2	90	0.95	1	1	1.585515
HL93_str_inv	BOBJ1	635	Before	Right Exterior Girder	90	0.95	1	1	1.768663
HL93_str_inv	BOBJ1	635	After	Left Exterior Girder	90	0.95	1	1	1.799949
HL93_str_inv	BOBJ1	635	After	Interior Girder 1	90	0.95	1	1	1.594594
HL93_str_inv	BOBJ1	635	After	Interior Girder 2	90	0.95	1	1	1.594594
HL93_str_inv	BOBJ1	635	After	Right Exterior Girder	90	0.95	1	1	1.799949
HL93_str_inv	BOBJ1	643.5619	Before	Left Exterior Girder	98.5619	0.95	1	1	1.408204
HL93_str_inv	BOBJ1	643.5619	Before	Interior Girder 1	98.5619	0.95	1	1	1.26156
HL93_str_inv	BOBJ1	643.5619	Before	Interior Girder 2	98.5619	0.95	1	1	1.26156
HL93_str_inv	BOBJ1	643.5619	Before	Right Exterior Girder	98.5619	0.95	1	1	1.408204
HL93_str_inv	BOBJ1	643.5619	After	Left Exterior Girder	98.5619	0.95	1	1	2.666371
HL93_str_inv	BOBJ1	643.5619	After	Interior Girder 1	98.5619	0.95	1	1	2.382264
HL93_str_inv	BOBJ1	643.5619	After	Interior Girder 2	98.5619	0.95	1	1	2.382263
HL93_str_inv	BOBJ1	643.5619	After	Right Exterior Girder	98.5619	0.95	1	1	2.666371
HL93_str_inv	BOBJ1	646.25	Before	Left Exterior Girder	101.25	0.95	1	1	2.537493
HL93_str_inv	BOBJ1	646.25	Before	Interior Girder 1	101.25	0.95	1	1	2.277859
HL93_str_inv	BOBJ1	646.25	Before	Interior Girder 2	101.25	0.95	1	1	2.277859
HL93_str_inv	BOBJ1	646.25	Before	Right Exterior Girder	101.25	0.95	1	1	2.537493
HL93_str_inv	BOBJ1	646.25	After	Left Exterior Girder	101.25	0.95	1	1	2.536821
HL93_str_inv	BOBJ1	646.25	After	Interior Girder 1	101.25	0.95	1	1	2.278741
HL93_str_inv	BOBJ1	646.25	After	Interior Girder 2	101.25	0.95	1	1	2.278741
HL93_str_inv	BOBJ1	646.25	After	Right Exterior Girder	101.25	0.95	1	1	2.536821
HL93_str_inv	BOBJ1	657.5	Before	Left Exterior Girder	112.5	0.95	1	1	2.116101
HL93_str_inv	BOBJ1	657.5	Before	Interior Girder 1	112.5	0.95	1	1	1.949559
HL93_str_inv	BOBJ1	657.5	Before	Interior Girder 2	112.5	0.95	1	1	1.949559
HL93_str_inv	BOBJ1	657.5	Before	Right Exterior Girder	112.5	0.95	1	1	2.116101
HL93_str_inv	BOBJ1	657.5	After	Left Exterior Girder	112.5	0.95	1	1	2.127811
HL93_str_inv	BOBJ1	657.5	After	Interior Girder 1	112.5	0.95	1	1	1.951786
HL93_str_inv	BOBJ1	657.5	After	Interior Girder 2	112.5	0.95	1	1	1.951786
HL93_str_inv	BOBJ1	657.5	After	Right Exterior Girder	112.5	0.95	1	1	2.127811
HL93_str_inv	BOBJ1	668.75	Before	Left Exterior Girder	123.75	0.95	1	1	1.88419
HL93_str_inv	BOBJ1	668.75	Before	Interior Girder 1	123.75	0.95	1	1	1.729517
HL93_str_inv	BOBJ1	668.75	Before	Interior Girder 2	123.75	0.95	1	1	1.729517
HL93_str_inv	BOBJ1	668.75	Before	Right Exterior Girder	123.75	0.95	1	1	1.88419

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelINonCompStrgth-Flx - Main Span Girders									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
HL93_str_inv	BOBJ1	668.75	After	Left Exterior Girder	123.75	0.95	1	1	1.885979
HL93_str_inv	BOBJ1	668.75	After	Interior Girder 1	123.75	0.95	1	1	1.730688
HL93_str_inv	BOBJ1	668.75	After	Interior Girder 2	123.75	0.95	1	1	1.730688
HL93_str_inv	BOBJ1	668.75	After	Right Exterior Girder	123.75	0.95	1	1	1.885979
HL93_str_inv	BOBJ1	680	Before	Left Exterior Girder	135	0.95	1	1	1.743929
HL93_str_inv	BOBJ1	680	Before	Interior Girder 1	135	0.95	1	1	1.622945
HL93_str_inv	BOBJ1	680	Before	Interior Girder 2	135	0.95	1	1	1.622945
HL93_str_inv	BOBJ1	680	Before	Right Exterior Girder	135	0.95	1	1	1.743929
HL93_str_inv	BOBJ1	680	After	Left Exterior Girder	135	0.95	1	1	1.741522
HL93_str_inv	BOBJ1	680	After	Interior Girder 1	135	0.95	1	1	1.622081
HL93_str_inv	BOBJ1	680	After	Interior Girder 2	135	0.95	1	1	1.622082
HL93_str_inv	BOBJ1	680	After	Right Exterior Girder	135	0.95	1	1	1.741522
HL93_str_inv	BOBJ1	691.25	Before	Left Exterior Girder	146.25	0.95	1	1	1.725211
HL93_str_inv	BOBJ1	691.25	Before	Interior Girder 1	146.25	0.95	1	1	1.591219
HL93_str_inv	BOBJ1	691.25	Before	Interior Girder 2	146.25	0.95	1	1	1.591219
HL93_str_inv	BOBJ1	691.25	Before	Right Exterior Girder	146.25	0.95	1	1	1.725211
HL93_str_inv	BOBJ1	691.25	After	Left Exterior Girder	146.25	0.95	1	1	1.725342
HL93_str_inv	BOBJ1	691.25	After	Interior Girder 1	146.25	0.95	1	1	1.591803
HL93_str_inv	BOBJ1	691.25	After	Interior Girder 2	146.25	0.95	1	1	1.591803
HL93_str_inv	BOBJ1	691.25	After	Right Exterior Girder	146.25	0.95	1	1	1.725342
HL93_str_inv	BOBJ1	702.5	Before	Left Exterior Girder	157.5	0.95	1	1	1.811105
HL93_str_inv	BOBJ1	702.5	Before	Interior Girder 1	157.5	0.95	1	1	1.674467
HL93_str_inv	BOBJ1	702.5	Before	Interior Girder 2	157.5	0.95	1	1	1.674468
HL93_str_inv	BOBJ1	702.5	Before	Right Exterior Girder	157.5	0.95	1	1	1.811105
HL93_str_inv	BOBJ1	702.5	After	Left Exterior Girder	157.5	0.95	1	1	1.791817
HL93_str_inv	BOBJ1	702.5	After	Interior Girder 1	157.5	0.95	1	1	1.666856
HL93_str_inv	BOBJ1	702.5	After	Interior Girder 2	157.5	0.95	1	1	1.666856
HL93_str_inv	BOBJ1	702.5	After	Right Exterior Girder	157.5	0.95	1	1	1.791817
HL93_str_inv	BOBJ1	713.75	Before	Left Exterior Girder	168.75	0.95	1	1	2.044196
HL93_str_inv	BOBJ1	713.75	Before	Interior Girder 1	168.75	0.95	1	1	1.857989
HL93_str_inv	BOBJ1	713.75	Before	Interior Girder 2	168.75	0.95	1	1	1.85799
HL93_str_inv	BOBJ1	713.75	Before	Right Exterior Girder	168.75	0.95	1	1	2.044196
HL93_str_inv	BOBJ1	713.75	After	Left Exterior Girder	168.75	0.95	1	1	2.042475
HL93_str_inv	BOBJ1	713.75	After	Interior Girder 1	168.75	0.95	1	1	1.859949
HL93_str_inv	BOBJ1	713.75	After	Interior Girder 2	168.75	0.95	1	1	1.859949
HL93_str_inv	BOBJ1	713.75	After	Right Exterior Girder	168.75	0.95	1	1	2.042475
HL93_str_inv	BOBJ1	725	Before	Left Exterior Girder	180	0.95	1	1	2.50598
HL93_str_inv	BOBJ1	725	Before	Interior Girder 1	180	0.95	1	1	2.23676
HL93_str_inv	BOBJ1	725	Before	Interior Girder 2	180	0.95	1	1	2.23676
HL93_str_inv	BOBJ1	725	Before	Right Exterior Girder	180	0.95	1	1	2.505979
HL93_str_inv	BOBJ1	725	After	Left Exterior Girder	180	0.95	1	1	2.468376
HL93_str_inv	BOBJ1	725	After	Interior Girder 1	180	0.95	1	1	2.243157
HL93_str_inv	BOBJ1	725	After	Interior Girder 2	180	0.95	1	1	2.243157
HL93_str_inv	BOBJ1	725	After	Right Exterior Girder	180	0.95	1	1	2.468376
HL93_str_inv	BOBJ1	731.1726	Before	Left Exterior Girder	186.1726	0.95	1	1	2.895802
HL93_str_inv	BOBJ1	731.1726	Before	Interior Girder 1	186.1726	0.95	1	1	2.556151
HL93_str_inv	BOBJ1	731.1726	Before	Interior Girder 2	186.1726	0.95	1	1	2.556151
HL93_str_inv	BOBJ1	731.1726	Before	Right Exterior Girder	186.1726	0.95	1	1	2.895802
HL93_str_inv	BOBJ1	731.1726	After	Left Exterior Girder	186.1726	0.95	1	1	1.24295
HL93_str_inv	BOBJ1	731.1726	After	Interior Girder 1	186.1726	0.95	1	1	1.095294
HL93_str_inv	BOBJ1	731.1726	After	Interior Girder 2	186.1726	0.95	1	1	1.095294
HL93_str_inv	BOBJ1	731.1726	After	Right Exterior Girder	186.1726	0.95	1	1	1.24295
HL93_str_inv	BOBJ1	736.25	Before	Left Exterior Girder	191.25	0.95	1	1	1.536899
HL93_str_inv	BOBJ1	736.25	Before	Interior Girder 1	191.25	0.95	1	1	1.306808
HL93_str_inv	BOBJ1	736.25	Before	Interior Girder 2	191.25	0.95	1	1	1.306808
HL93_str_inv	BOBJ1	736.25	Before	Right Exterior Girder	191.25	0.95	1	1	1.536899
HL93_str_inv	BOBJ1	736.25	After	Left Exterior Girder	191.25	0.95	1	1	1.531917
HL93_str_inv	BOBJ1	736.25	After	Interior Girder 1	191.25	0.95	1	1	1.3077
HL93_str_inv	BOBJ1	736.25	After	Interior Girder 2	191.25	0.95	1	1	1.3077
HL93_str_inv	BOBJ1	736.25	After	Right Exterior Girder	191.25	0.95	1	1	1.531917
HL93_str_inv	BOBJ1	747.5	Before	Left Exterior Girder	202.5	0.95	1	1	2.69757
HL93_str_inv	BOBJ1	747.5	Before	Interior Girder 1	202.5	0.95	1	1	2.155232
HL93_str_inv	BOBJ1	747.5	Before	Interior Girder 2	202.5	0.95	1	1	2.155233
HL93_str_inv	BOBJ1	747.5	Before	Right Exterior Girder	202.5	0.95	1	1	2.69757
HL93_str_inv	BOBJ1	747.5	After	Left Exterior Girder	202.5	0.95	1	1	2.596625
HL93_str_inv	BOBJ1	747.5	After	Interior Girder 1	202.5	0.95	1	1	2.146232
HL93_str_inv	BOBJ1	747.5	After	Interior Girder 2	202.5	0.95	1	1	2.146232
HL93_str_inv	BOBJ1	747.5	After	Right Exterior Girder	202.5	0.95	1	1	2.596625

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelINonCompStrgth-Flx - Main Span Girders									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
HL93_str_inv	BOBJ1	758.75	Before	Left Exterior Girder	213.75	0.95	1	1	6.214956
HL93_str_inv	BOBJ1	758.75	Before	Interior Girder 1	213.75	0.95	1	1	4.576432
HL93_str_inv	BOBJ1	758.75	Before	Interior Girder 2	213.75	0.95	1	1	4.576432
HL93_str_inv	BOBJ1	758.75	Before	Right Exterior Girder	213.75	0.95	1	1	6.214954
HL93_str_inv	BOBJ1	758.75	After	Left Exterior Girder	213.75	0.95	1	1	6.206948
HL93_str_inv	BOBJ1	758.75	After	Interior Girder 1	213.75	0.95	1	1	4.532463
HL93_str_inv	BOBJ1	758.75	After	Interior Girder 2	213.75	0.95	1	1	4.532463
HL93_str_inv	BOBJ1	758.75	After	Right Exterior Girder	213.75	0.95	1	1	6.206947
HL93_str_inv	BOBJ1	770	Before	Left Exterior Girder	225	0.95	1	1	119.8894
HL93_str_inv	BOBJ1	770	Before	Interior Girder 1	225	0.95	1	1	99.493695
HL93_str_inv	BOBJ1	770	Before	Interior Girder 2	225	0.95	1	1	99.493331
HL93_str_inv	BOBJ1	770	Before	Right Exterior Girder	225	0.95	1	1	119.890054
HS20_str_opr	BOBJ1	0	After	Left Exterior Girder	0	0.95	1	1	270.26275
HS20_str_opr	BOBJ1	0	After	Interior Girder 1	0	0.95	1	1	224.482371
HS20_str_opr	BOBJ1	0	After	Interior Girder 2	0	0.95	1	1	224.482121
HS20_str_opr	BOBJ1	0	After	Right Exterior Girder	0	0.95	1	1	270.26274
HS20_str_opr	BOBJ1	11.25	Before	Left Exterior Girder	11.25	0.95	1	1	13.064358
HS20_str_opr	BOBJ1	11.25	Before	Interior Girder 1	11.25	0.95	1	1	8.656915
HS20_str_opr	BOBJ1	11.25	Before	Interior Girder 2	11.25	0.95	1	1	8.656917
HS20_str_opr	BOBJ1	11.25	Before	Right Exterior Girder	11.25	0.95	1	1	13.064357
HS20_str_opr	BOBJ1	11.25	After	Left Exterior Girder	11.25	0.95	1	1	13.106821
HS20_str_opr	BOBJ1	11.25	After	Interior Girder 1	11.25	0.95	1	1	8.772452
HS20_str_opr	BOBJ1	11.25	After	Interior Girder 2	11.25	0.95	1	1	8.772454
HS20_str_opr	BOBJ1	11.25	After	Right Exterior Girder	11.25	0.95	1	1	13.10682
HS20_str_opr	BOBJ1	22.5	Before	Left Exterior Girder	22.5	0.95	1	1	5.564034
HS20_str_opr	BOBJ1	22.5	Before	Interior Girder 1	22.5	0.95	1	1	4.215753
HS20_str_opr	BOBJ1	22.5	Before	Interior Girder 2	22.5	0.95	1	1	4.215754
HS20_str_opr	BOBJ1	22.5	Before	Right Exterior Girder	22.5	0.95	1	1	5.564034
HS20_str_opr	BOBJ1	22.5	After	Left Exterior Girder	22.5	0.95	1	1	5.802232
HS20_str_opr	BOBJ1	22.5	After	Interior Girder 1	22.5	0.95	1	1	4.272467
HS20_str_opr	BOBJ1	22.5	After	Interior Girder 2	22.5	0.95	1	1	4.272467
HS20_str_opr	BOBJ1	22.5	After	Right Exterior Girder	22.5	0.95	1	1	5.802232
HS20_str_opr	BOBJ1	33.75	Before	Left Exterior Girder	33.75	0.95	1	1	3.333655
HS20_str_opr	BOBJ1	33.75	Before	Interior Girder 1	33.75	0.95	1	1	2.637701
HS20_str_opr	BOBJ1	33.75	Before	Interior Girder 2	33.75	0.95	1	1	2.637701
HS20_str_opr	BOBJ1	33.75	Before	Right Exterior Girder	33.75	0.95	1	1	3.333655
HS20_str_opr	BOBJ1	33.75	After	Left Exterior Girder	33.75	0.95	1	1	3.343338
HS20_str_opr	BOBJ1	33.75	After	Interior Girder 1	33.75	0.95	1	1	2.638976
HS20_str_opr	BOBJ1	33.75	After	Interior Girder 2	33.75	0.95	1	1	2.638976
HS20_str_opr	BOBJ1	33.75	After	Right Exterior Girder	33.75	0.95	1	1	3.343338
HS20_str_opr	BOBJ1	38.8274	Before	Left Exterior Girder	38.8274	0.95	1	1	2.715665
HS20_str_opr	BOBJ1	38.8274	Before	Interior Girder 1	38.8274	0.95	1	1	2.227956
HS20_str_opr	BOBJ1	38.8274	Before	Interior Girder 2	38.8274	0.95	1	1	2.227956
HS20_str_opr	BOBJ1	38.8274	Before	Right Exterior Girder	38.8274	0.95	1	1	2.715665
HS20_str_opr	BOBJ1	38.8274	After	Left Exterior Girder	38.8274	0.95	1	1	6.322615
HS20_str_opr	BOBJ1	38.8274	After	Interior Girder 1	38.8274	0.95	1	1	5.213446
HS20_str_opr	BOBJ1	38.8274	After	Interior Girder 2	38.8274	0.95	1	1	5.213446
HS20_str_opr	BOBJ1	38.8274	After	Right Exterior Girder	38.8274	0.95	1	1	6.322615
HS20_str_opr	BOBJ1	45	Before	Left Exterior Girder	45	0.95	1	1	5.418677
HS20_str_opr	BOBJ1	45	Before	Interior Girder 1	45	0.95	1	1	4.659856
HS20_str_opr	BOBJ1	45	Before	Interior Girder 2	45	0.95	1	1	4.659856
HS20_str_opr	BOBJ1	45	Before	Right Exterior Girder	45	0.95	1	1	5.418677
HS20_str_opr	BOBJ1	45	After	Left Exterior Girder	45	0.95	1	1	5.488965
HS20_str_opr	BOBJ1	45	After	Interior Girder 1	45	0.95	1	1	4.616798
HS20_str_opr	BOBJ1	45	After	Interior Girder 2	45	0.95	1	1	4.616797
HS20_str_opr	BOBJ1	45	After	Right Exterior Girder	45	0.95	1	1	5.488965
HS20_str_opr	BOBJ1	56.25	Before	Left Exterior Girder	56.25	0.95	1	1	4.519837
HS20_str_opr	BOBJ1	56.25	Before	Interior Girder 1	56.25	0.95	1	1	3.905069
HS20_str_opr	BOBJ1	56.25	Before	Interior Girder 2	56.25	0.95	1	1	3.905069
HS20_str_opr	BOBJ1	56.25	Before	Right Exterior Girder	56.25	0.95	1	1	4.519837
HS20_str_opr	BOBJ1	56.25	After	Left Exterior Girder	56.25	0.95	1	1	4.519611
HS20_str_opr	BOBJ1	56.25	After	Interior Girder 1	56.25	0.95	1	1	3.904949
HS20_str_opr	BOBJ1	56.25	After	Interior Girder 2	56.25	0.95	1	1	3.904949
HS20_str_opr	BOBJ1	56.25	After	Right Exterior Girder	56.25	0.95	1	1	4.519611
HS20_str_opr	BOBJ1	67.5	Before	Left Exterior Girder	67.5	0.95	1	1	4.000389
HS20_str_opr	BOBJ1	67.5	Before	Interior Girder 1	67.5	0.95	1	1	3.604227
HS20_str_opr	BOBJ1	67.5	Before	Interior Girder 2	67.5	0.95	1	1	3.604226
HS20_str_opr	BOBJ1	67.5	Before	Right Exterior Girder	67.5	0.95	1	1	4.00039

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelINonCompStrgth-Flx - Main Span Girders									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
HS20_str_opr	BOBJ1	67.5	After	Left Exterior Girder	67.5	0.95	1	1	4.037172
HS20_str_opr	BOBJ1	67.5	After	Interior Girder 1	67.5	0.95	1	1	3.590265
HS20_str_opr	BOBJ1	67.5	After	Interior Girder 2	67.5	0.95	1	1	3.590264
HS20_str_opr	BOBJ1	67.5	After	Right Exterior Girder	67.5	0.95	1	1	4.037173
HS20_str_opr	BOBJ1	78.75	Before	Left Exterior Girder	78.75	0.95	1	1	3.883478
HS20_str_opr	BOBJ1	78.75	Before	Interior Girder 1	78.75	0.95	1	1	3.466751
HS20_str_opr	BOBJ1	78.75	Before	Interior Girder 2	78.75	0.95	1	1	3.466751
HS20_str_opr	BOBJ1	78.75	Before	Right Exterior Girder	78.75	0.95	1	1	3.883478
HS20_str_opr	BOBJ1	78.75	After	Left Exterior Girder	78.75	0.95	1	1	3.880624
HS20_str_opr	BOBJ1	78.75	After	Interior Girder 1	78.75	0.95	1	1	3.46986
HS20_str_opr	BOBJ1	78.75	After	Interior Girder 2	78.75	0.95	1	1	3.469859
HS20_str_opr	BOBJ1	78.75	After	Right Exterior Girder	78.75	0.95	1	1	3.880624
HS20_str_opr	BOBJ1	90	Before	Left Exterior Girder	90	0.95	1	1	3.954465
HS20_str_opr	BOBJ1	90	Before	Interior Girder 1	90	0.95	1	1	3.597879
HS20_str_opr	BOBJ1	90	Before	Interior Girder 2	90	0.95	1	1	3.597879
HS20_str_opr	BOBJ1	90	Before	Right Exterior Girder	90	0.95	1	1	3.954465
HS20_str_opr	BOBJ1	90	After	Left Exterior Girder	90	0.95	1	1	3.957061
HS20_str_opr	BOBJ1	90	After	Interior Girder 1	90	0.95	1	1	3.599485
HS20_str_opr	BOBJ1	90	After	Interior Girder 2	90	0.95	1	1	3.599485
HS20_str_opr	BOBJ1	90	After	Right Exterior Girder	90	0.95	1	1	3.957061
HS20_str_opr	BOBJ1	101.25	Before	Left Exterior Girder	101.25	0.95	1	1	4.313437
HS20_str_opr	BOBJ1	101.25	Before	Interior Girder 1	101.25	0.95	1	1	3.863891
HS20_str_opr	BOBJ1	101.25	Before	Interior Girder 2	101.25	0.95	1	1	3.863891
HS20_str_opr	BOBJ1	101.25	Before	Right Exterior Girder	101.25	0.95	1	1	4.313437
HS20_str_opr	BOBJ1	101.25	After	Left Exterior Girder	101.25	0.95	1	1	4.307933
HS20_str_opr	BOBJ1	101.25	After	Interior Girder 1	101.25	0.95	1	1	3.858081
HS20_str_opr	BOBJ1	101.25	After	Interior Girder 2	101.25	0.95	1	1	3.858081
HS20_str_opr	BOBJ1	101.25	After	Right Exterior Girder	101.25	0.95	1	1	4.307933
HS20_str_opr	BOBJ1	112.5	Before	Left Exterior Girder	112.5	0.95	1	1	4.893547
HS20_str_opr	BOBJ1	112.5	Before	Interior Girder 1	112.5	0.95	1	1	4.384014
HS20_str_opr	BOBJ1	112.5	Before	Interior Girder 2	112.5	0.95	1	1	4.384014
HS20_str_opr	BOBJ1	112.5	Before	Right Exterior Girder	112.5	0.95	1	1	4.893547
HS20_str_opr	BOBJ1	112.5	After	Left Exterior Girder	112.5	0.95	1	1	4.861633
HS20_str_opr	BOBJ1	112.5	After	Interior Girder 1	112.5	0.95	1	1	4.377485
HS20_str_opr	BOBJ1	112.5	After	Interior Girder 2	112.5	0.95	1	1	4.377485
HS20_str_opr	BOBJ1	112.5	After	Right Exterior Girder	112.5	0.95	1	1	4.861632
HS20_str_opr	BOBJ1	123.75	Before	Left Exterior Girder	123.75	0.95	1	1	5.860243
HS20_str_opr	BOBJ1	123.75	Before	Interior Girder 1	123.75	0.95	1	1	5.13748
HS20_str_opr	BOBJ1	123.75	Before	Interior Girder 2	123.75	0.95	1	1	5.13748
HS20_str_opr	BOBJ1	123.75	Before	Right Exterior Girder	123.75	0.95	1	1	5.860243
HS20_str_opr	BOBJ1	123.75	After	Left Exterior Girder	123.75	0.95	1	1	5.863003
HS20_str_opr	BOBJ1	123.75	After	Interior Girder 1	123.75	0.95	1	1	5.134928
HS20_str_opr	BOBJ1	123.75	After	Interior Girder 2	123.75	0.95	1	1	5.134929
HS20_str_opr	BOBJ1	123.75	After	Right Exterior Girder	123.75	0.95	1	1	5.863003
HS20_str_opr	BOBJ1	126.4381	Before	Left Exterior Girder	126.4381	0.95	1	1	6.167351
HS20_str_opr	BOBJ1	126.4381	Before	Interior Girder 1	126.4381	0.95	1	1	5.378002
HS20_str_opr	BOBJ1	126.4381	Before	Interior Girder 2	126.4381	0.95	1	1	5.378002
HS20_str_opr	BOBJ1	126.4381	Before	Right Exterior Girder	126.4381	0.95	1	1	6.167351
HS20_str_opr	BOBJ1	126.4381	After	Left Exterior Girder	126.4381	0.95	1	1	3.258896
HS20_str_opr	BOBJ1	126.4381	After	Interior Girder 1	126.4381	0.95	1	1	2.84486
HS20_str_opr	BOBJ1	126.4381	After	Interior Girder 2	126.4381	0.95	1	1	2.84486
HS20_str_opr	BOBJ1	126.4381	After	Right Exterior Girder	126.4381	0.95	1	1	3.258896
HS20_str_opr	BOBJ1	135	Before	Left Exterior Girder	135	0.95	1	1	4.172138
HS20_str_opr	BOBJ1	135	Before	Interior Girder 1	135	0.95	1	1	3.603232
HS20_str_opr	BOBJ1	135	Before	Interior Girder 2	135	0.95	1	1	3.603233
HS20_str_opr	BOBJ1	135	Before	Right Exterior Girder	135	0.95	1	1	4.172138
HS20_str_opr	BOBJ1	135	After	Left Exterior Girder	135	0.95	1	1	4.097945
HS20_str_opr	BOBJ1	135	After	Interior Girder 1	135	0.95	1	1	3.584185
HS20_str_opr	BOBJ1	135	After	Interior Girder 2	135	0.95	1	1	3.584185
HS20_str_opr	BOBJ1	135	After	Right Exterior Girder	135	0.95	1	1	4.097945
HS20_str_opr	BOBJ1	146.25	Before	Left Exterior Girder	146.25	0.95	1	1	5.879125
HS20_str_opr	BOBJ1	146.25	Before	Interior Girder 1	146.25	0.95	1	1	4.901252
HS20_str_opr	BOBJ1	146.25	Before	Interior Girder 2	146.25	0.95	1	1	4.901252
HS20_str_opr	BOBJ1	146.25	Before	Right Exterior Girder	146.25	0.95	1	1	5.879125
HS20_str_opr	BOBJ1	146.25	After	Left Exterior Girder	146.25	0.95	1	1	5.873958
HS20_str_opr	BOBJ1	146.25	After	Interior Girder 1	146.25	0.95	1	1	4.904634
HS20_str_opr	BOBJ1	146.25	After	Interior Girder 2	146.25	0.95	1	1	4.904634
HS20_str_opr	BOBJ1	146.25	After	Right Exterior Girder	146.25	0.95	1	1	5.873958

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelINonCompStrgth-Flx - Main Span Girders									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
HS20_str_opr	BOBJ1	157.5	Before	Left Exterior Girder	157.5	0.95	1	1	6.331109
HS20_str_opr	BOBJ1	157.5	Before	Interior Girder 1	157.5	0.95	1	1	6.304484
HS20_str_opr	BOBJ1	157.5	Before	Interior Girder 2	157.5	0.95	1	1	6.304483
HS20_str_opr	BOBJ1	157.5	Before	Right Exterior Girder	157.5	0.95	1	1	6.33111
HS20_str_opr	BOBJ1	157.5	After	Left Exterior Girder	157.5	0.95	1	1	4.498257
HS20_str_opr	BOBJ1	157.5	After	Interior Girder 1	157.5	0.95	1	1	4.456279
HS20_str_opr	BOBJ1	157.5	After	Interior Girder 2	157.5	0.95	1	1	4.456279
HS20_str_opr	BOBJ1	157.5	After	Right Exterior Girder	157.5	0.95	1	1	4.498257
HS20_str_opr	BOBJ1	168.2522	Before	Left Exterior Girder	168.2522	0.95	1	1	2.196113
HS20_str_opr	BOBJ1	168.2522	Before	Interior Girder 1	168.2522	0.95	1	1	2.156767
HS20_str_opr	BOBJ1	168.2522	Before	Interior Girder 2	168.2522	0.95	1	1	2.156767
HS20_str_opr	BOBJ1	168.2522	Before	Right Exterior Girder	168.2522	0.95	1	1	2.196113
HS20_str_opr	BOBJ1	168.2522	After	Left Exterior Girder	168.2522	0.95	1	1	6.90568
HS20_str_opr	BOBJ1	168.2522	After	Interior Girder 1	168.2522	0.95	1	1	6.716248
HS20_str_opr	BOBJ1	168.2522	After	Interior Girder 2	168.2522	0.95	1	1	6.716247
HS20_str_opr	BOBJ1	168.2522	After	Right Exterior Girder	168.2522	0.95	1	1	6.905681
HS20_str_opr	BOBJ1	168.75	Before	Left Exterior Girder	168.75	0.95	1	1	6.781551
HS20_str_opr	BOBJ1	168.75	Before	Interior Girder 1	168.75	0.95	1	1	6.603345
HS20_str_opr	BOBJ1	168.75	Before	Interior Girder 2	168.75	0.95	1	1	6.603345
HS20_str_opr	BOBJ1	168.75	Before	Right Exterior Girder	168.75	0.95	1	1	6.781551
HS20_str_opr	BOBJ1	168.75	After	Left Exterior Girder	168.75	0.95	1	1	6.796139
HS20_str_opr	BOBJ1	168.75	After	Interior Girder 1	168.75	0.95	1	1	6.589956
HS20_str_opr	BOBJ1	168.75	After	Interior Girder 2	168.75	0.95	1	1	6.589956
HS20_str_opr	BOBJ1	168.75	After	Right Exterior Girder	168.75	0.95	1	1	6.796139
HS20_str_opr	BOBJ1	180	Before	Left Exterior Girder	180	0.95	1	1	4.164126
HS20_str_opr	BOBJ1	180	Before	Interior Girder 1	180	0.95	1	1	3.977567
HS20_str_opr	BOBJ1	180	Before	Interior Girder 2	180	0.95	1	1	3.977567
HS20_str_opr	BOBJ1	180	Before	Right Exterior Girder	180	0.95	1	1	4.164127
HS20_str_opr	BOBJ1	180	After	Left Exterior Girder	180	0.95	1	1	5.746024
HS20_str_opr	BOBJ1	180	After	Interior Girder 1	180	0.95	1	1	5.503317
HS20_str_opr	BOBJ1	180	After	Interior Girder 2	180	0.95	1	1	5.503317
HS20_str_opr	BOBJ1	180	After	Right Exterior Girder	180	0.95	1	1	5.746024
HS20_str_opr	BOBJ1	183.1858	Before	Left Exterior Girder	183.1858	0.95	1	1	4.984255
HS20_str_opr	BOBJ1	183.1858	Before	Interior Girder 1	183.1858	0.95	1	1	4.749047
HS20_str_opr	BOBJ1	183.1858	Before	Interior Girder 2	183.1858	0.95	1	1	4.749047
HS20_str_opr	BOBJ1	183.1858	Before	Right Exterior Girder	183.1858	0.95	1	1	4.984255
HS20_str_opr	BOBJ1	183.1858	After	Left Exterior Girder	183.1858	0.95	1	1	11.150534
HS20_str_opr	BOBJ1	183.1858	After	Interior Girder 1	183.1858	0.95	1	1	10.593326
HS20_str_opr	BOBJ1	183.1858	After	Interior Girder 2	183.1858	0.95	1	1	10.593326
HS20_str_opr	BOBJ1	183.1858	After	Right Exterior Girder	183.1858	0.95	1	1	11.150535
HS20_str_opr	BOBJ1	191.25	Before	Left Exterior Girder	191.25	0.95	1	1	9.01058
HS20_str_opr	BOBJ1	191.25	Before	Interior Girder 1	191.25	0.95	1	1	8.412379
HS20_str_opr	BOBJ1	191.25	Before	Interior Girder 2	191.25	0.95	1	1	8.412379
HS20_str_opr	BOBJ1	191.25	Before	Right Exterior Girder	191.25	0.95	1	1	9.01058
HS20_str_opr	BOBJ1	191.25	After	Left Exterior Girder	191.25	0.95	1	1	9.035151
HS20_str_opr	BOBJ1	191.25	After	Interior Girder 1	191.25	0.95	1	1	8.394172
HS20_str_opr	BOBJ1	191.25	After	Interior Girder 2	191.25	0.95	1	1	8.394172
HS20_str_opr	BOBJ1	191.25	After	Right Exterior Girder	191.25	0.95	1	1	9.035152
HS20_str_opr	BOBJ1	199.9414	Before	Left Exterior Girder	199.9414	0.95	1	1	6.673876
HS20_str_opr	BOBJ1	199.9414	Before	Interior Girder 1	199.9414	0.95	1	1	6.137685
HS20_str_opr	BOBJ1	199.9414	Before	Interior Girder 2	199.9414	0.95	1	1	6.137685
HS20_str_opr	BOBJ1	199.9414	Before	Right Exterior Girder	199.9414	0.95	1	1	6.673876
HS20_str_opr	BOBJ1	199.9414	After	Left Exterior Girder	199.9414	0.95	1	1	11.512815
HS20_str_opr	BOBJ1	199.9414	After	Interior Girder 1	199.9414	0.95	1	1	10.583809
HS20_str_opr	BOBJ1	199.9414	After	Interior Girder 2	199.9414	0.95	1	1	10.58381
HS20_str_opr	BOBJ1	199.9414	After	Right Exterior Girder	199.9414	0.95	1	1	11.512815
HS20_str_opr	BOBJ1	202.5	Before	Left Exterior Girder	202.5	0.95	1	1	10.500547
HS20_str_opr	BOBJ1	202.5	Before	Interior Girder 1	202.5	0.95	1	1	9.861117
HS20_str_opr	BOBJ1	202.5	Before	Interior Girder 2	202.5	0.95	1	1	9.861117
HS20_str_opr	BOBJ1	202.5	Before	Right Exterior Girder	202.5	0.95	1	1	10.500547
HS20_str_opr	BOBJ1	202.5	After	Left Exterior Girder	202.5	0.95	1	1	10.875733
HS20_str_opr	BOBJ1	202.5	After	Interior Girder 1	202.5	0.95	1	1	9.96862
HS20_str_opr	BOBJ1	202.5	After	Interior Girder 2	202.5	0.95	1	1	9.968621
HS20_str_opr	BOBJ1	202.5	After	Right Exterior Girder	202.5	0.95	1	1	10.875732
HS20_str_opr	BOBJ1	210.5642	Before	Left Exterior Girder	210.5642	0.95	1	1	7.884683
HS20_str_opr	BOBJ1	210.5642	Before	Interior Girder 1	210.5642	0.95	1	1	7.503587
HS20_str_opr	BOBJ1	210.5642	Before	Interior Girder 2	210.5642	0.95	1	1	7.503588
HS20_str_opr	BOBJ1	210.5642	Before	Right Exterior Girder	210.5642	0.95	1	1	7.884683

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelNonCompStrgth-Flx - Main Span Girders									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
HS20_str_opr	BOBJ1	210.5642	After	Left Exterior Girder	210.5642	0.95	1	1	12.123987
HS20_str_opr	BOBJ1	210.5642	After	Interior Girder 1	210.5642	0.95	1	1	11.572379
HS20_str_opr	BOBJ1	210.5642	After	Interior Girder 2	210.5642	0.95	1	1	11.572379
HS20_str_opr	BOBJ1	210.5642	After	Right Exterior Girder	210.5642	0.95	1	1	12.123986
HS20_str_opr	BOBJ1	213.75	Before	Left Exterior Girder	213.75	0.95	1	1	10.793335
HS20_str_opr	BOBJ1	213.75	Before	Interior Girder 1	213.75	0.95	1	1	10.152204
HS20_str_opr	BOBJ1	213.75	Before	Interior Girder 2	213.75	0.95	1	1	10.152204
HS20_str_opr	BOBJ1	213.75	Before	Right Exterior Girder	213.75	0.95	1	1	10.793335
HS20_str_opr	BOBJ1	213.75	After	Left Exterior Girder	213.75	0.95	1	1	10.78108
HS20_str_opr	BOBJ1	213.75	After	Interior Girder 1	213.75	0.95	1	1	10.134283
HS20_str_opr	BOBJ1	213.75	After	Interior Girder 2	213.75	0.95	1	1	10.134283
HS20_str_opr	BOBJ1	213.75	After	Right Exterior Girder	213.75	0.95	1	1	10.78108
HS20_str_opr	BOBJ1	225	Before	Left Exterior Girder	225	0.95	1	1	6.494283
HS20_str_opr	BOBJ1	225	Before	Interior Girder 1	225	0.95	1	1	5.834231
HS20_str_opr	BOBJ1	225	Before	Interior Girder 2	225	0.95	1	1	5.834231
HS20_str_opr	BOBJ1	225	Before	Right Exterior Girder	225	0.95	1	1	6.494283
HS20_str_opr	BOBJ1	225	After	Left Exterior Girder	0	0.95	1	1	6.117099
HS20_str_opr	BOBJ1	225	After	Interior Girder 1	0	0.95	1	1	5.60649
HS20_str_opr	BOBJ1	225	After	Interior Girder 2	0	0.95	1	1	5.60649
HS20_str_opr	BOBJ1	225	After	Right Exterior Girder	0	0.95	1	1	6.117098
HS20_str_opr	BOBJ1	236.45	Before	Left Exterior Girder	11.45	0.95	1	1	10.873433
HS20_str_opr	BOBJ1	236.45	Before	Interior Girder 1	11.45	0.95	1	1	10.7684
HS20_str_opr	BOBJ1	236.45	Before	Interior Girder 2	11.45	0.95	1	1	10.7684
HS20_str_opr	BOBJ1	236.45	Before	Right Exterior Girder	11.45	0.95	1	1	10.873432
HS20_str_opr	BOBJ1	236.45	After	Left Exterior Girder	11.45	0.95	1	1	10.896187
HS20_str_opr	BOBJ1	236.45	After	Interior Girder 1	11.45	0.95	1	1	10.773621
HS20_str_opr	BOBJ1	236.45	After	Interior Girder 2	11.45	0.95	1	1	10.773621
HS20_str_opr	BOBJ1	236.45	After	Right Exterior Girder	11.45	0.95	1	1	10.896187
HS20_str_opr	BOBJ1	239.5082	Before	Left Exterior Girder	14.5082	0.95	1	1	12.514565
HS20_str_opr	BOBJ1	239.5082	Before	Interior Girder 1	14.5082	0.95	1	1	12.461678
HS20_str_opr	BOBJ1	239.5082	Before	Interior Girder 2	14.5082	0.95	1	1	12.461679
HS20_str_opr	BOBJ1	239.5082	Before	Right Exterior Girder	14.5082	0.95	1	1	12.514565
HS20_str_opr	BOBJ1	239.5082	After	Left Exterior Girder	14.5082	0.95	1	1	8.215762
HS20_str_opr	BOBJ1	239.5082	After	Interior Girder 1	14.5082	0.95	1	1	8.174058
HS20_str_opr	BOBJ1	239.5082	After	Interior Girder 2	14.5082	0.95	1	1	8.174059
HS20_str_opr	BOBJ1	239.5082	After	Right Exterior Girder	14.5082	0.95	1	1	8.215762
HS20_str_opr	BOBJ1	247.9	Before	Left Exterior Girder	22.9	0.95	1	1	12.531749
HS20_str_opr	BOBJ1	247.9	Before	Interior Girder 1	22.9	0.95	1	1	12.341103
HS20_str_opr	BOBJ1	247.9	Before	Interior Girder 2	22.9	0.95	1	1	12.341102
HS20_str_opr	BOBJ1	247.9	Before	Right Exterior Girder	22.9	0.95	1	1	12.531749
HS20_str_opr	BOBJ1	247.9	After	Left Exterior Girder	22.9	0.95	1	1	12.19387
HS20_str_opr	BOBJ1	247.9	After	Interior Girder 1	22.9	0.95	1	1	12.32854
HS20_str_opr	BOBJ1	247.9	After	Interior Girder 2	22.9	0.95	1	1	12.32854
HS20_str_opr	BOBJ1	247.9	After	Right Exterior Girder	22.9	0.95	1	1	12.19387
HS20_str_opr	BOBJ1	258.5189	Before	Left Exterior Girder	33.5189	0.95	1	1	17.457402
HS20_str_opr	BOBJ1	258.5189	Before	Interior Girder 1	33.5189	0.95	1	1	16.265657
HS20_str_opr	BOBJ1	258.5189	Before	Interior Girder 2	33.5189	0.95	1	1	16.265657
HS20_str_opr	BOBJ1	258.5189	Before	Right Exterior Girder	33.5189	0.95	1	1	17.457402
HS20_str_opr	BOBJ1	258.5189	After	Left Exterior Girder	33.5189	0.95	1	1	11.875357
HS20_str_opr	BOBJ1	258.5189	After	Interior Girder 1	33.5189	0.95	1	1	10.947717
HS20_str_opr	BOBJ1	258.5189	After	Interior Girder 2	33.5189	0.95	1	1	10.947717
HS20_str_opr	BOBJ1	258.5189	After	Right Exterior Girder	33.5189	0.95	1	1	11.875357
HS20_str_opr	BOBJ1	259.3	Before	Left Exterior Girder	34.3	0.95	1	1	12.155775
HS20_str_opr	BOBJ1	259.3	Before	Interior Girder 1	34.3	0.95	1	1	11.219564
HS20_str_opr	BOBJ1	259.3	Before	Interior Girder 2	34.3	0.95	1	1	11.219564
HS20_str_opr	BOBJ1	259.3	Before	Right Exterior Girder	34.3	0.95	1	1	12.155775
HS20_str_opr	BOBJ1	259.3	After	Left Exterior Girder	34.3	0.95	1	1	12.1472
HS20_str_opr	BOBJ1	259.3	After	Interior Girder 1	34.3	0.95	1	1	11.227174
HS20_str_opr	BOBJ1	259.3	After	Interior Girder 2	34.3	0.95	1	1	11.227174
HS20_str_opr	BOBJ1	259.3	After	Right Exterior Girder	34.3	0.95	1	1	12.1472
HS20_str_opr	BOBJ1	266.1031	Before	Left Exterior Girder	41.1031	0.95	1	1	14.520305
HS20_str_opr	BOBJ1	266.1031	Before	Interior Girder 1	41.1031	0.95	1	1	13.637543
HS20_str_opr	BOBJ1	266.1031	Before	Interior Girder 2	41.1031	0.95	1	1	13.637543
HS20_str_opr	BOBJ1	266.1031	Before	Right Exterior Girder	41.1031	0.95	1	1	14.520305
HS20_str_opr	BOBJ1	266.1031	After	Left Exterior Girder	41.1031	0.95	1	1	7.51911
HS20_str_opr	BOBJ1	266.1031	After	Interior Girder 1	41.1031	0.95	1	1	7.070247
HS20_str_opr	BOBJ1	266.1031	After	Interior Girder 2	41.1031	0.95	1	1	7.070247
HS20_str_opr	BOBJ1	266.1031	After	Right Exterior Girder	41.1031	0.95	1	1	7.51911

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelINonCompStrgth-Flx - Main Span Girders									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
HS20_str_opr	BOBJ1	270.7	Before	Left Exterior Girder	45.7	0.95	1	1	9.01275
HS20_str_opr	BOBJ1	270.7	Before	Interior Girder 1	45.7	0.95	1	1	8.563932
HS20_str_opr	BOBJ1	270.7	Before	Interior Girder 2	45.7	0.95	1	1	8.563932
HS20_str_opr	BOBJ1	270.7	Before	Right Exterior Girder	45.7	0.95	1	1	9.01275
HS20_str_opr	BOBJ1	270.7	After	Left Exterior Girder	45.7	0.95	1	1	10.567659
HS20_str_opr	BOBJ1	270.7	After	Interior Girder 1	45.7	0.95	1	1	10.03687
HS20_str_opr	BOBJ1	270.7	After	Interior Girder 2	45.7	0.95	1	1	10.03687
HS20_str_opr	BOBJ1	270.7	After	Right Exterior Girder	45.7	0.95	1	1	10.567659
HS20_str_opr	BOBJ1	273.6874	Before	Left Exterior Girder	48.6874	0.95	1	1	11.577889
HS20_str_opr	BOBJ1	273.6874	Before	Interior Girder 1	48.6874	0.95	1	1	11.039519
HS20_str_opr	BOBJ1	273.6874	Before	Interior Girder 2	48.6874	0.95	1	1	11.039519
HS20_str_opr	BOBJ1	273.6874	Before	Right Exterior Girder	48.6874	0.95	1	1	11.577889
HS20_str_opr	BOBJ1	273.6874	After	Left Exterior Girder	48.6874	0.95	1	1	4.983597
HS20_str_opr	BOBJ1	273.6874	After	Interior Girder 1	48.6874	0.95	1	1	4.786468
HS20_str_opr	BOBJ1	273.6874	After	Interior Girder 2	48.6874	0.95	1	1	4.786468
HS20_str_opr	BOBJ1	273.6874	After	Right Exterior Girder	48.6874	0.95	1	1	4.983597
HS20_str_opr	BOBJ1	282.15	Before	Left Exterior Girder	57.15	0.95	1	1	7.638173
HS20_str_opr	BOBJ1	282.15	Before	Interior Girder 1	57.15	0.95	1	1	7.404827
HS20_str_opr	BOBJ1	282.15	Before	Interior Girder 2	57.15	0.95	1	1	7.404827
HS20_str_opr	BOBJ1	282.15	Before	Right Exterior Girder	57.15	0.95	1	1	7.638173
HS20_str_opr	BOBJ1	282.15	After	Left Exterior Girder	57.15	0.95	1	1	7.627256
HS20_str_opr	BOBJ1	282.15	After	Interior Girder 1	57.15	0.95	1	1	7.41533
HS20_str_opr	BOBJ1	282.15	After	Interior Girder 2	57.15	0.95	1	1	7.41533
HS20_str_opr	BOBJ1	282.15	After	Right Exterior Girder	57.15	0.95	1	1	7.627256
HS20_str_opr	BOBJ1	293.6	Before	Left Exterior Girder	68.6	0.95	1	1	5.758967
HS20_str_opr	BOBJ1	293.6	Before	Interior Girder 1	68.6	0.95	1	1	4.58482
HS20_str_opr	BOBJ1	293.6	Before	Interior Girder 2	68.6	0.95	1	1	4.58482
HS20_str_opr	BOBJ1	293.6	Before	Right Exterior Girder	68.6	0.95	1	1	5.758967
HS20_str_opr	BOBJ1	293.6	After	Left Exterior Girder	68.6	0.95	1	1	5.960892
HS20_str_opr	BOBJ1	293.6	After	Interior Girder 1	68.6	0.95	1	1	4.671718
HS20_str_opr	BOBJ1	293.6	After	Interior Girder 2	68.6	0.95	1	1	4.671718
HS20_str_opr	BOBJ1	293.6	After	Right Exterior Girder	68.6	0.95	1	1	5.960892
HS20_str_opr	BOBJ1	305	Before	Left Exterior Girder	80	0.95	1	1	3.222132
HS20_str_opr	BOBJ1	305	Before	Interior Girder 1	80	0.95	1	1	2.592062
HS20_str_opr	BOBJ1	305	Before	Interior Girder 2	80	0.95	1	1	2.592062
HS20_str_opr	BOBJ1	305	Before	Right Exterior Girder	80	0.95	1	1	3.222132
HS20_str_opr	BOBJ1	305	After	Left Exterior Girder	80	0.95	1	1	3.222978
HS20_str_opr	BOBJ1	305	After	Interior Girder 1	80	0.95	1	1	2.590608
HS20_str_opr	BOBJ1	305	After	Interior Girder 2	80	0.95	1	1	2.590608
HS20_str_opr	BOBJ1	305	After	Right Exterior Girder	80	0.95	1	1	3.222978
HS20_str_opr	BOBJ1	306.9561	Before	Left Exterior Girder	81.9561	0.95	1	1	2.856625
HS20_str_opr	BOBJ1	306.9561	Before	Interior Girder 1	81.9561	0.95	1	1	2.322414
HS20_str_opr	BOBJ1	306.9561	Before	Interior Girder 2	81.9561	0.95	1	1	2.322414
HS20_str_opr	BOBJ1	306.9561	Before	Right Exterior Girder	81.9561	0.95	1	1	2.856625
HS20_str_opr	BOBJ1	306.9561	After	Left Exterior Girder	81.9561	0.95	1	1	7.471396
HS20_str_opr	BOBJ1	306.9561	After	Interior Girder 1	81.9561	0.95	1	1	6.15173
HS20_str_opr	BOBJ1	306.9561	After	Interior Girder 2	81.9561	0.95	1	1	6.15173
HS20_str_opr	BOBJ1	306.9561	After	Right Exterior Girder	81.9561	0.95	1	1	7.471396
HS20_str_opr	BOBJ1	316.4	Before	Left Exterior Girder	91.4	0.95	1	1	5.491992
HS20_str_opr	BOBJ1	316.4	Before	Interior Girder 1	91.4	0.95	1	1	4.692886
HS20_str_opr	BOBJ1	316.4	Before	Interior Girder 2	91.4	0.95	1	1	4.692886
HS20_str_opr	BOBJ1	316.4	Before	Right Exterior Girder	91.4	0.95	1	1	5.491992
HS20_str_opr	BOBJ1	316.4	After	Left Exterior Girder	91.4	0.95	1	1	5.563158
HS20_str_opr	BOBJ1	316.4	After	Interior Girder 1	91.4	0.95	1	1	4.693592
HS20_str_opr	BOBJ1	316.4	After	Interior Girder 2	91.4	0.95	1	1	4.693593
HS20_str_opr	BOBJ1	316.4	After	Right Exterior Girder	91.4	0.95	1	1	5.563158
HS20_str_opr	BOBJ1	327.85	Before	Left Exterior Girder	102.9679	0.95	1	1	3.982642
HS20_str_opr	BOBJ1	327.85	Before	Interior Girder 1	102.9679	0.95	1	1	3.389025
HS20_str_opr	BOBJ1	327.85	Before	Interior Girder 2	102.9679	0.95	1	1	3.389025
HS20_str_opr	BOBJ1	327.85	Before	Right Exterior Girder	102.9679	0.95	1	1	3.982642
HS20_str_opr	BOBJ1	327.85	After	Left Exterior Girder	102.9679	0.95	1	1	7.692837
HS20_str_opr	BOBJ1	327.85	After	Interior Girder 1	102.9679	0.95	1	1	6.653143
HS20_str_opr	BOBJ1	327.85	After	Interior Girder 2	102.9679	0.95	1	1	6.653143
HS20_str_opr	BOBJ1	327.85	After	Right Exterior Girder	102.9679	0.95	1	1	7.692837
HS20_str_opr	BOBJ1	339.3	Before	Left Exterior Girder	114.3	0.95	1	1	6.257579
HS20_str_opr	BOBJ1	339.3	Before	Interior Girder 1	114.3	0.95	1	1	5.552469
HS20_str_opr	BOBJ1	339.3	Before	Interior Girder 2	114.3	0.95	1	1	5.552469
HS20_str_opr	BOBJ1	339.3	Before	Right Exterior Girder	114.3	0.95	1	1	6.257579

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelINonCompStrgth-Flx - Main Span Girders									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
HS20_str_opr	BOBJ1	339.3	After	Left Exterior Girder	114.3	0.95	1	1	6.303533
HS20_str_opr	BOBJ1	339.3	After	Interior Girder 1	114.3	0.95	1	1	5.559746
HS20_str_opr	BOBJ1	339.3	After	Interior Girder 2	114.3	0.95	1	1	5.559746
HS20_str_opr	BOBJ1	339.3	After	Right Exterior Girder	114.3	0.95	1	1	6.303533
HS20_str_opr	BOBJ1	350.7	Before	Left Exterior Girder	125.7	0.95	1	1	5.403749
HS20_str_opr	BOBJ1	350.7	Before	Interior Girder 1	125.7	0.95	1	1	4.770045
HS20_str_opr	BOBJ1	350.7	Before	Interior Girder 2	125.7	0.95	1	1	4.770045
HS20_str_opr	BOBJ1	350.7	Before	Right Exterior Girder	125.7	0.95	1	1	5.403749
HS20_str_opr	BOBJ1	350.7	After	Left Exterior Girder	125.7	0.95	1	1	5.402217
HS20_str_opr	BOBJ1	350.7	After	Interior Girder 1	125.7	0.95	1	1	4.77072
HS20_str_opr	BOBJ1	350.7	After	Interior Girder 2	125.7	0.95	1	1	4.77072
HS20_str_opr	BOBJ1	350.7	After	Right Exterior Girder	125.7	0.95	1	1	5.402217
HS20_str_opr	BOBJ1	362.1	Before	Left Exterior Girder	137.1	0.95	1	1	4.786853
HS20_str_opr	BOBJ1	362.1	Before	Interior Girder 1	137.1	0.95	1	1	4.296261
HS20_str_opr	BOBJ1	362.1	Before	Interior Girder 2	137.1	0.95	1	1	4.296262
HS20_str_opr	BOBJ1	362.1	Before	Right Exterior Girder	137.1	0.95	1	1	4.786853
HS20_str_opr	BOBJ1	362.1	After	Left Exterior Girder	137.1	0.95	1	1	4.810177
HS20_str_opr	BOBJ1	362.1	After	Interior Girder 1	137.1	0.95	1	1	4.304867
HS20_str_opr	BOBJ1	362.1	After	Interior Girder 2	137.1	0.95	1	1	4.304867
HS20_str_opr	BOBJ1	362.1	After	Right Exterior Girder	137.1	0.95	1	1	4.810177
HS20_str_opr	BOBJ1	373.55	Before	Left Exterior Girder	148.55	0.95	1	1	4.500148
HS20_str_opr	BOBJ1	373.55	Before	Interior Girder 1	148.55	0.95	1	1	4.006577
HS20_str_opr	BOBJ1	373.55	Before	Interior Girder 2	148.55	0.95	1	1	4.006577
HS20_str_opr	BOBJ1	373.55	Before	Right Exterior Girder	148.55	0.95	1	1	4.500148
HS20_str_opr	BOBJ1	373.55	After	Left Exterior Girder	148.55	0.95	1	1	4.499584
HS20_str_opr	BOBJ1	373.55	After	Interior Girder 1	148.55	0.95	1	1	4.008462
HS20_str_opr	BOBJ1	373.55	After	Interior Girder 2	148.55	0.95	1	1	4.008462
HS20_str_opr	BOBJ1	373.55	After	Right Exterior Girder	148.55	0.95	1	1	4.499584
HS20_str_opr	BOBJ1	385	Before	Left Exterior Girder	160	0.95	1	1	4.376312
HS20_str_opr	BOBJ1	385	Before	Interior Girder 1	160	0.95	1	1	3.937648
HS20_str_opr	BOBJ1	385	Before	Interior Girder 2	160	0.95	1	1	3.937648
HS20_str_opr	BOBJ1	385	Before	Right Exterior Girder	160	0.95	1	1	4.376311
HS20_str_opr	BOBJ1	385	After	Left Exterior Girder	160	0.95	1	1	4.376311
HS20_str_opr	BOBJ1	385	After	Interior Girder 1	160	0.95	1	1	3.937648
HS20_str_opr	BOBJ1	385	After	Interior Girder 2	160	0.95	1	1	3.937648
HS20_str_opr	BOBJ1	385	After	Right Exterior Girder	160	0.95	1	1	4.376312
HS20_str_opr	BOBJ1	396.45	Before	Left Exterior Girder	171.45	0.95	1	1	4.499584
HS20_str_opr	BOBJ1	396.45	Before	Interior Girder 1	171.45	0.95	1	1	4.008462
HS20_str_opr	BOBJ1	396.45	Before	Interior Girder 2	171.45	0.95	1	1	4.008462
HS20_str_opr	BOBJ1	396.45	Before	Right Exterior Girder	171.45	0.95	1	1	4.499584
HS20_str_opr	BOBJ1	396.45	After	Left Exterior Girder	171.45	0.95	1	1	4.500148
HS20_str_opr	BOBJ1	396.45	After	Interior Girder 1	171.45	0.95	1	1	4.006577
HS20_str_opr	BOBJ1	396.45	After	Interior Girder 2	171.45	0.95	1	1	4.006577
HS20_str_opr	BOBJ1	396.45	After	Right Exterior Girder	171.45	0.95	1	1	4.500148
HS20_str_opr	BOBJ1	407.9	Before	Left Exterior Girder	182.9	0.95	1	1	4.810177
HS20_str_opr	BOBJ1	407.9	Before	Interior Girder 1	182.9	0.95	1	1	4.304867
HS20_str_opr	BOBJ1	407.9	Before	Interior Girder 2	182.9	0.95	1	1	4.304867
HS20_str_opr	BOBJ1	407.9	Before	Right Exterior Girder	182.9	0.95	1	1	4.810177
HS20_str_opr	BOBJ1	407.9	After	Left Exterior Girder	182.9	0.95	1	1	4.786853
HS20_str_opr	BOBJ1	407.9	After	Interior Girder 1	182.9	0.95	1	1	4.296261
HS20_str_opr	BOBJ1	407.9	After	Interior Girder 2	182.9	0.95	1	1	4.296261
HS20_str_opr	BOBJ1	407.9	After	Right Exterior Girder	182.9	0.95	1	1	4.786853
HS20_str_opr	BOBJ1	419.3	Before	Left Exterior Girder	194.3	0.95	1	1	5.402217
HS20_str_opr	BOBJ1	419.3	Before	Interior Girder 1	194.3	0.95	1	1	4.77072
HS20_str_opr	BOBJ1	419.3	Before	Interior Girder 2	194.3	0.95	1	1	4.77072
HS20_str_opr	BOBJ1	419.3	Before	Right Exterior Girder	194.3	0.95	1	1	5.402217
HS20_str_opr	BOBJ1	419.3	After	Left Exterior Girder	194.3	0.95	1	1	5.403749
HS20_str_opr	BOBJ1	419.3	After	Interior Girder 1	194.3	0.95	1	1	4.770045
HS20_str_opr	BOBJ1	419.3	After	Interior Girder 2	194.3	0.95	1	1	4.770045
HS20_str_opr	BOBJ1	419.3	After	Right Exterior Girder	194.3	0.95	1	1	5.403749
HS20_str_opr	BOBJ1	430.7	Before	Left Exterior Girder	205.7	0.95	1	1	6.303534
HS20_str_opr	BOBJ1	430.7	Before	Interior Girder 1	205.7	0.95	1	1	5.559745
HS20_str_opr	BOBJ1	430.7	Before	Interior Girder 2	205.7	0.95	1	1	5.559745
HS20_str_opr	BOBJ1	430.7	Before	Right Exterior Girder	205.7	0.95	1	1	6.303533
HS20_str_opr	BOBJ1	430.7	After	Left Exterior Girder	205.7	0.95	1	1	6.257579
HS20_str_opr	BOBJ1	430.7	After	Interior Girder 1	205.7	0.95	1	1	5.552469
HS20_str_opr	BOBJ1	430.7	After	Interior Girder 2	205.7	0.95	1	1	5.552468
HS20_str_opr	BOBJ1	430.7	After	Right Exterior Girder	205.7	0.95	1	1	6.257579

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelINonCompStrgth-Flx - Main Span Girders									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
HS20_str_opr	BOBJ1	442.15	Before	Left Exterior Girder	217.0321	0.95	1	1	7.679999
HS20_str_opr	BOBJ1	442.15	Before	Interior Girder 1	217.0321	0.95	1	1	6.652858
HS20_str_opr	BOBJ1	442.15	Before	Interior Girder 2	217.0321	0.95	1	1	6.652858
HS20_str_opr	BOBJ1	442.15	Before	Right Exterior Girder	217.0321	0.95	1	1	7.679999
HS20_str_opr	BOBJ1	442.15	After	Left Exterior Girder	217.0321	0.95	1	1	3.976954
HS20_str_opr	BOBJ1	442.15	After	Interior Girder 1	217.0321	0.95	1	1	3.387964
HS20_str_opr	BOBJ1	442.15	After	Interior Girder 2	217.0321	0.95	1	1	3.387964
HS20_str_opr	BOBJ1	442.15	After	Right Exterior Girder	217.0321	0.95	1	1	3.976954
HS20_str_opr	BOBJ1	453.6	Before	Left Exterior Girder	228.6	0.95	1	1	5.563158
HS20_str_opr	BOBJ1	453.6	Before	Interior Girder 1	228.6	0.95	1	1	4.693592
HS20_str_opr	BOBJ1	453.6	Before	Interior Girder 2	228.6	0.95	1	1	4.693592
HS20_str_opr	BOBJ1	453.6	Before	Right Exterior Girder	228.6	0.95	1	1	5.563158
HS20_str_opr	BOBJ1	453.6	After	Left Exterior Girder	228.6	0.95	1	1	5.491992
HS20_str_opr	BOBJ1	453.6	After	Interior Girder 1	228.6	0.95	1	1	4.692886
HS20_str_opr	BOBJ1	453.6	After	Interior Girder 2	228.6	0.95	1	1	4.692886
HS20_str_opr	BOBJ1	453.6	After	Right Exterior Girder	228.6	0.95	1	1	5.491992
HS20_str_opr	BOBJ1	463.0439	Before	Left Exterior Girder	238.0439	0.95	1	1	7.449191
HS20_str_opr	BOBJ1	463.0439	Before	Interior Girder 1	238.0439	0.95	1	1	6.15179
HS20_str_opr	BOBJ1	463.0439	Before	Interior Girder 2	238.0439	0.95	1	1	6.15179
HS20_str_opr	BOBJ1	463.0439	Before	Right Exterior Girder	238.0439	0.95	1	1	7.44919
HS20_str_opr	BOBJ1	463.0439	After	Left Exterior Girder	238.0439	0.95	1	1	2.849038
HS20_str_opr	BOBJ1	463.0439	After	Interior Girder 1	238.0439	0.95	1	1	2.321426
HS20_str_opr	BOBJ1	463.0439	After	Interior Girder 2	238.0439	0.95	1	1	2.321427
HS20_str_opr	BOBJ1	463.0439	After	Right Exterior Girder	238.0439	0.95	1	1	2.849037
HS20_str_opr	BOBJ1	465	Before	Left Exterior Girder	240	0.95	1	1	3.222978
HS20_str_opr	BOBJ1	465	Before	Interior Girder 1	240	0.95	1	1	2.590608
HS20_str_opr	BOBJ1	465	Before	Interior Girder 2	240	0.95	1	1	2.590608
HS20_str_opr	BOBJ1	465	Before	Right Exterior Girder	240	0.95	1	1	3.222978
HS20_str_opr	BOBJ1	465	After	Left Exterior Girder	240	0.95	1	1	3.222132
HS20_str_opr	BOBJ1	465	After	Interior Girder 1	240	0.95	1	1	2.592062
HS20_str_opr	BOBJ1	465	After	Interior Girder 2	240	0.95	1	1	2.592062
HS20_str_opr	BOBJ1	465	After	Right Exterior Girder	240	0.95	1	1	3.222132
HS20_str_opr	BOBJ1	476.4	Before	Left Exterior Girder	251.4	0.95	1	1	5.960892
HS20_str_opr	BOBJ1	476.4	Before	Interior Girder 1	251.4	0.95	1	1	4.671718
HS20_str_opr	BOBJ1	476.4	Before	Interior Girder 2	251.4	0.95	1	1	4.671718
HS20_str_opr	BOBJ1	476.4	Before	Right Exterior Girder	251.4	0.95	1	1	5.960891
HS20_str_opr	BOBJ1	476.4	After	Left Exterior Girder	251.4	0.95	1	1	5.758966
HS20_str_opr	BOBJ1	476.4	After	Interior Girder 1	251.4	0.95	1	1	4.58482
HS20_str_opr	BOBJ1	476.4	After	Interior Girder 2	251.4	0.95	1	1	4.584821
HS20_str_opr	BOBJ1	476.4	After	Right Exterior Girder	251.4	0.95	1	1	5.758966
HS20_str_opr	BOBJ1	487.85	Before	Left Exterior Girder	262.85	0.95	1	1	7.409525
HS20_str_opr	BOBJ1	487.85	Before	Interior Girder 1	262.85	0.95	1	1	7.28156
HS20_str_opr	BOBJ1	487.85	Before	Interior Girder 2	262.85	0.95	1	1	7.28156
HS20_str_opr	BOBJ1	487.85	Before	Right Exterior Girder	262.85	0.95	1	1	7.409525
HS20_str_opr	BOBJ1	487.85	After	Left Exterior Girder	262.85	0.95	1	1	7.420596
HS20_str_opr	BOBJ1	487.85	After	Interior Girder 1	262.85	0.95	1	1	7.270961
HS20_str_opr	BOBJ1	487.85	After	Interior Girder 2	262.85	0.95	1	1	7.270961
HS20_str_opr	BOBJ1	487.85	After	Right Exterior Girder	262.85	0.95	1	1	7.420596
HS20_str_opr	BOBJ1	496.3126	Before	Left Exterior Girder	271.3126	0.95	1	1	4.775581
HS20_str_opr	BOBJ1	496.3126	Before	Interior Girder 1	271.3126	0.95	1	1	4.664213
HS20_str_opr	BOBJ1	496.3126	Before	Interior Girder 2	271.3126	0.95	1	1	4.664213
HS20_str_opr	BOBJ1	496.3126	Before	Right Exterior Girder	271.3126	0.95	1	1	4.775581
HS20_str_opr	BOBJ1	496.3126	After	Left Exterior Girder	271.3126	0.95	1	1	11.582115
HS20_str_opr	BOBJ1	496.3126	After	Interior Girder 1	271.3126	0.95	1	1	11.048827
HS20_str_opr	BOBJ1	496.3126	After	Interior Girder 2	271.3126	0.95	1	1	11.048827
HS20_str_opr	BOBJ1	496.3126	After	Right Exterior Girder	271.3126	0.95	1	1	11.582114
HS20_str_opr	BOBJ1	499.3	Before	Left Exterior Girder	274.3	0.95	1	1	10.567659
HS20_str_opr	BOBJ1	499.3	Before	Interior Girder 1	274.3	0.95	1	1	10.03687
HS20_str_opr	BOBJ1	499.3	Before	Interior Girder 2	274.3	0.95	1	1	10.03687
HS20_str_opr	BOBJ1	499.3	Before	Right Exterior Girder	274.3	0.95	1	1	10.567659
HS20_str_opr	BOBJ1	499.3	After	Left Exterior Girder	274.3	0.95	1	1	9.012749
HS20_str_opr	BOBJ1	499.3	After	Interior Girder 1	274.3	0.95	1	1	8.563931
HS20_str_opr	BOBJ1	499.3	After	Interior Girder 2	274.3	0.95	1	1	8.563931
HS20_str_opr	BOBJ1	499.3	After	Right Exterior Girder	274.3	0.95	1	1	9.012749
HS20_str_opr	BOBJ1	503.8969	Before	Left Exterior Girder	278.8969	0.95	1	1	7.51911
HS20_str_opr	BOBJ1	503.8969	Before	Interior Girder 1	278.8969	0.95	1	1	7.070247
HS20_str_opr	BOBJ1	503.8969	Before	Interior Girder 2	278.8969	0.95	1	1	7.070246
HS20_str_opr	BOBJ1	503.8969	Before	Right Exterior Girder	278.8969	0.95	1	1	7.51911

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelINonCompStrgth-Flx - Main Span Girders									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
HS20_str_opr	BOBJ1	503.8969	After	Left Exterior Girder	278.8969	0.95	1	1	14.520305
HS20_str_opr	BOBJ1	503.8969	After	Interior Girder 1	278.8969	0.95	1	1	13.637543
HS20_str_opr	BOBJ1	503.8969	After	Interior Girder 2	278.8969	0.95	1	1	13.637543
HS20_str_opr	BOBJ1	503.8969	After	Right Exterior Girder	278.8969	0.95	1	1	14.520305
HS20_str_opr	BOBJ1	510.7	Before	Left Exterior Girder	285.7	0.95	1	1	12.1472
HS20_str_opr	BOBJ1	510.7	Before	Interior Girder 1	285.7	0.95	1	1	11.227174
HS20_str_opr	BOBJ1	510.7	Before	Interior Girder 2	285.7	0.95	1	1	11.227173
HS20_str_opr	BOBJ1	510.7	Before	Right Exterior Girder	285.7	0.95	1	1	12.1472
HS20_str_opr	BOBJ1	510.7	After	Left Exterior Girder	285.7	0.95	1	1	12.155775
HS20_str_opr	BOBJ1	510.7	After	Interior Girder 1	285.7	0.95	1	1	11.219564
HS20_str_opr	BOBJ1	510.7	After	Interior Girder 2	285.7	0.95	1	1	11.219563
HS20_str_opr	BOBJ1	510.7	After	Right Exterior Girder	285.7	0.95	1	1	12.155775
HS20_str_opr	BOBJ1	511.4811	Before	Left Exterior Girder	286.4811	0.95	1	1	11.8772
HS20_str_opr	BOBJ1	511.4811	Before	Interior Girder 1	286.4811	0.95	1	1	10.953947
HS20_str_opr	BOBJ1	511.4811	Before	Interior Girder 2	286.4811	0.95	1	1	10.953946
HS20_str_opr	BOBJ1	511.4811	Before	Right Exterior Girder	286.4811	0.95	1	1	11.8772
HS20_str_opr	BOBJ1	511.4811	After	Left Exterior Girder	286.4811	0.95	1	1	17.503955
HS20_str_opr	BOBJ1	511.4811	After	Interior Girder 1	286.4811	0.95	1	1	16.273565
HS20_str_opr	BOBJ1	511.4811	After	Interior Girder 2	286.4811	0.95	1	1	16.273565
HS20_str_opr	BOBJ1	511.4811	After	Right Exterior Girder	286.4811	0.95	1	1	17.503955
HS20_str_opr	BOBJ1	522.1	Before	Left Exterior Girder	297.1	0.95	1	1	12.193871
HS20_str_opr	BOBJ1	522.1	Before	Interior Girder 1	297.1	0.95	1	1	12.32854
HS20_str_opr	BOBJ1	522.1	Before	Interior Girder 2	297.1	0.95	1	1	12.32854
HS20_str_opr	BOBJ1	522.1	Before	Right Exterior Girder	297.1	0.95	1	1	12.193871
HS20_str_opr	BOBJ1	522.1	After	Left Exterior Girder	297.1	0.95	1	1	12.531749
HS20_str_opr	BOBJ1	522.1	After	Interior Girder 1	297.1	0.95	1	1	12.341102
HS20_str_opr	BOBJ1	522.1	After	Interior Girder 2	297.1	0.95	1	1	12.341102
HS20_str_opr	BOBJ1	522.1	After	Right Exterior Girder	297.1	0.95	1	1	12.531749
HS20_str_opr	BOBJ1	530.4918	Before	Left Exterior Girder	305.4918	0.95	1	1	8.215763
HS20_str_opr	BOBJ1	530.4918	Before	Interior Girder 1	305.4918	0.95	1	1	8.174058
HS20_str_opr	BOBJ1	530.4918	Before	Interior Girder 2	305.4918	0.95	1	1	8.174059
HS20_str_opr	BOBJ1	530.4918	Before	Right Exterior Girder	305.4918	0.95	1	1	8.215762
HS20_str_opr	BOBJ1	530.4918	After	Left Exterior Girder	305.4918	0.95	1	1	12.514566
HS20_str_opr	BOBJ1	530.4918	After	Interior Girder 1	305.4918	0.95	1	1	12.461678
HS20_str_opr	BOBJ1	530.4918	After	Interior Girder 2	305.4918	0.95	1	1	12.461679
HS20_str_opr	BOBJ1	530.4918	After	Right Exterior Girder	305.4918	0.95	1	1	12.514566
HS20_str_opr	BOBJ1	533.55	Before	Left Exterior Girder	308.55	0.95	1	1	10.896188
HS20_str_opr	BOBJ1	533.55	Before	Interior Girder 1	308.55	0.95	1	1	10.773621
HS20_str_opr	BOBJ1	533.55	Before	Interior Girder 2	308.55	0.95	1	1	10.773622
HS20_str_opr	BOBJ1	533.55	Before	Right Exterior Girder	308.55	0.95	1	1	10.896187
HS20_str_opr	BOBJ1	533.55	After	Left Exterior Girder	308.55	0.95	1	1	10.873433
HS20_str_opr	BOBJ1	533.55	After	Interior Girder 1	308.55	0.95	1	1	10.768399
HS20_str_opr	BOBJ1	533.55	After	Interior Girder 2	308.55	0.95	1	1	10.7684
HS20_str_opr	BOBJ1	533.55	After	Right Exterior Girder	308.55	0.95	1	1	10.873433
HS20_str_opr	BOBJ1	545	Before	Left Exterior Girder	320	0.95	1	1	6.117099
HS20_str_opr	BOBJ1	545	Before	Interior Girder 1	320	0.95	1	1	5.60649
HS20_str_opr	BOBJ1	545	Before	Interior Girder 2	320	0.95	1	1	5.606491
HS20_str_opr	BOBJ1	545	Before	Right Exterior Girder	320	0.95	1	1	6.117098
HS20_str_opr	BOBJ1	545	After	Left Exterior Girder	0	0.95	1	1	6.494283
HS20_str_opr	BOBJ1	545	After	Interior Girder 1	0	0.95	1	1	5.835924
HS20_str_opr	BOBJ1	545	After	Interior Girder 2	0	0.95	1	1	5.835924
HS20_str_opr	BOBJ1	545	After	Right Exterior Girder	0	0.95	1	1	6.494283
HS20_str_opr	BOBJ1	556.25	Before	Left Exterior Girder	11.25	0.95	1	1	10.78108
HS20_str_opr	BOBJ1	556.25	Before	Interior Girder 1	11.25	0.95	1	1	10.134283
HS20_str_opr	BOBJ1	556.25	Before	Interior Girder 2	11.25	0.95	1	1	10.134283
HS20_str_opr	BOBJ1	556.25	Before	Right Exterior Girder	11.25	0.95	1	1	10.78108
HS20_str_opr	BOBJ1	556.25	After	Left Exterior Girder	11.25	0.95	1	1	10.793335
HS20_str_opr	BOBJ1	556.25	After	Interior Girder 1	11.25	0.95	1	1	10.152204
HS20_str_opr	BOBJ1	556.25	After	Interior Girder 2	11.25	0.95	1	1	10.152204
HS20_str_opr	BOBJ1	556.25	After	Right Exterior Girder	11.25	0.95	1	1	10.793335
HS20_str_opr	BOBJ1	559.4358	Before	Left Exterior Girder	14.4358	0.95	1	1	12.123987
HS20_str_opr	BOBJ1	559.4358	Before	Interior Girder 1	14.4358	0.95	1	1	11.572379
HS20_str_opr	BOBJ1	559.4358	Before	Interior Girder 2	14.4358	0.95	1	1	11.572379
HS20_str_opr	BOBJ1	559.4358	Before	Right Exterior Girder	14.4358	0.95	1	1	12.123986
HS20_str_opr	BOBJ1	559.4358	After	Left Exterior Girder	14.4358	0.95	1	1	7.884683
HS20_str_opr	BOBJ1	559.4358	After	Interior Girder 1	14.4358	0.95	1	1	7.503588
HS20_str_opr	BOBJ1	559.4358	After	Interior Girder 2	14.4358	0.95	1	1	7.503588
HS20_str_opr	BOBJ1	559.4358	After	Right Exterior Girder	14.4358	0.95	1	1	7.884683

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelINonCompStrgth-Flx - Main Span Girders									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
HS20_str_opr	BOBJ1	567.5	Before	Left Exterior Girder	22.5	0.95	1	1	10.875733
HS20_str_opr	BOBJ1	567.5	Before	Interior Girder 1	22.5	0.95	1	1	9.968621
HS20_str_opr	BOBJ1	567.5	Before	Interior Girder 2	22.5	0.95	1	1	9.968621
HS20_str_opr	BOBJ1	567.5	Before	Right Exterior Girder	22.5	0.95	1	1	10.875733
HS20_str_opr	BOBJ1	567.5	After	Left Exterior Girder	22.5	0.95	1	1	11.620893
HS20_str_opr	BOBJ1	567.5	After	Interior Girder 1	22.5	0.95	1	1	10.822716
HS20_str_opr	BOBJ1	567.5	After	Interior Girder 2	22.5	0.95	1	1	10.822716
HS20_str_opr	BOBJ1	567.5	After	Right Exterior Girder	22.5	0.95	1	1	11.620892
HS20_str_opr	BOBJ1	570.0586	Before	Left Exterior Girder	25.0586	0.95	1	1	12.687345
HS20_str_opr	BOBJ1	570.0586	Before	Interior Girder 1	25.0586	0.95	1	1	11.554931
HS20_str_opr	BOBJ1	570.0586	Before	Interior Girder 2	25.0586	0.95	1	1	11.554931
HS20_str_opr	BOBJ1	570.0586	Before	Right Exterior Girder	25.0586	0.95	1	1	12.687344
HS20_str_opr	BOBJ1	570.0586	After	Left Exterior Girder	25.0586	0.95	1	1	7.579371
HS20_str_opr	BOBJ1	570.0586	After	Interior Girder 1	25.0586	0.95	1	1	6.889161
HS20_str_opr	BOBJ1	570.0586	After	Interior Girder 2	25.0586	0.95	1	1	6.889161
HS20_str_opr	BOBJ1	570.0586	After	Right Exterior Girder	25.0586	0.95	1	1	7.579371
HS20_str_opr	BOBJ1	578.75	Before	Left Exterior Girder	33.75	0.95	1	1	9.980992
HS20_str_opr	BOBJ1	578.75	Before	Interior Girder 1	33.75	0.95	1	1	9.194136
HS20_str_opr	BOBJ1	578.75	Before	Interior Girder 2	33.75	0.95	1	1	9.194135
HS20_str_opr	BOBJ1	578.75	Before	Right Exterior Girder	33.75	0.95	1	1	9.980992
HS20_str_opr	BOBJ1	578.75	After	Left Exterior Girder	33.75	0.95	1	1	9.957078
HS20_str_opr	BOBJ1	578.75	After	Interior Girder 1	33.75	0.95	1	1	9.211291
HS20_str_opr	BOBJ1	578.75	After	Interior Girder 2	33.75	0.95	1	1	9.211291
HS20_str_opr	BOBJ1	578.75	After	Right Exterior Girder	33.75	0.95	1	1	9.957078
HS20_str_opr	BOBJ1	586.8142	Before	Left Exterior Girder	41.8142	0.95	1	1	12.14215
HS20_str_opr	BOBJ1	586.8142	Before	Interior Girder 1	41.8142	0.95	1	1	11.429052
HS20_str_opr	BOBJ1	586.8142	Before	Interior Girder 2	41.8142	0.95	1	1	11.429052
HS20_str_opr	BOBJ1	586.8142	Before	Right Exterior Girder	41.8142	0.95	1	1	12.14215
HS20_str_opr	BOBJ1	586.8142	After	Left Exterior Girder	41.8142	0.95	1	1	5.634983
HS20_str_opr	BOBJ1	586.8142	After	Interior Girder 1	41.8142	0.95	1	1	5.298348
HS20_str_opr	BOBJ1	586.8142	After	Interior Girder 2	41.8142	0.95	1	1	5.298348
HS20_str_opr	BOBJ1	586.8142	After	Right Exterior Girder	41.8142	0.95	1	1	5.634983
HS20_str_opr	BOBJ1	590	Before	Left Exterior Girder	45	0.95	1	1	6.401704
HS20_str_opr	BOBJ1	590	Before	Interior Girder 1	45	0.95	1	1	6.070102
HS20_str_opr	BOBJ1	590	Before	Interior Girder 2	45	0.95	1	1	6.070102
HS20_str_opr	BOBJ1	590	Before	Right Exterior Girder	45	0.95	1	1	6.401704
HS20_str_opr	BOBJ1	590	After	Left Exterior Girder	45	0.95	1	1	4.164126
HS20_str_opr	BOBJ1	590	After	Interior Girder 1	45	0.95	1	1	3.977567
HS20_str_opr	BOBJ1	590	After	Interior Girder 2	45	0.95	1	1	3.977567
HS20_str_opr	BOBJ1	590	After	Right Exterior Girder	45	0.95	1	1	4.164126
HS20_str_opr	BOBJ1	601.25	Before	Left Exterior Girder	56.25	0.95	1	1	6.796139
HS20_str_opr	BOBJ1	601.25	Before	Interior Girder 1	56.25	0.95	1	1	6.589956
HS20_str_opr	BOBJ1	601.25	Before	Interior Girder 2	56.25	0.95	1	1	6.589956
HS20_str_opr	BOBJ1	601.25	Before	Right Exterior Girder	56.25	0.95	1	1	6.796139
HS20_str_opr	BOBJ1	601.25	After	Left Exterior Girder	56.25	0.95	1	1	6.781551
HS20_str_opr	BOBJ1	601.25	After	Interior Girder 1	56.25	0.95	1	1	6.603345
HS20_str_opr	BOBJ1	601.25	After	Interior Girder 2	56.25	0.95	1	1	6.603345
HS20_str_opr	BOBJ1	601.25	After	Right Exterior Girder	56.25	0.95	1	1	6.781551
HS20_str_opr	BOBJ1	601.7478	Before	Left Exterior Girder	56.7478	0.95	1	1	6.90054
HS20_str_opr	BOBJ1	601.7478	Before	Interior Girder 1	56.7478	0.95	1	1	6.722666
HS20_str_opr	BOBJ1	601.7478	Before	Interior Girder 2	56.7478	0.95	1	1	6.722666
HS20_str_opr	BOBJ1	601.7478	Before	Right Exterior Girder	56.7478	0.95	1	1	6.900539
HS20_str_opr	BOBJ1	601.7478	After	Left Exterior Girder	56.7478	0.95	1	1	2.193493
HS20_str_opr	BOBJ1	601.7478	After	Interior Girder 1	56.7478	0.95	1	1	2.16028
HS20_str_opr	BOBJ1	601.7478	After	Interior Girder 2	56.7478	0.95	1	1	2.16028
HS20_str_opr	BOBJ1	601.7478	After	Right Exterior Girder	56.7478	0.95	1	1	2.193493
HS20_str_opr	BOBJ1	612.5	Before	Left Exterior Girder	67.5	0.95	1	1	4.498257
HS20_str_opr	BOBJ1	612.5	Before	Interior Girder 1	67.5	0.95	1	1	4.456279
HS20_str_opr	BOBJ1	612.5	Before	Interior Girder 2	67.5	0.95	1	1	4.456279
HS20_str_opr	BOBJ1	612.5	Before	Right Exterior Girder	67.5	0.95	1	1	4.498257
HS20_str_opr	BOBJ1	612.5	After	Left Exterior Girder	67.5	0.95	1	1	6.33111
HS20_str_opr	BOBJ1	612.5	After	Interior Girder 1	67.5	0.95	1	1	6.304483
HS20_str_opr	BOBJ1	612.5	After	Interior Girder 2	67.5	0.95	1	1	6.304483
HS20_str_opr	BOBJ1	612.5	After	Right Exterior Girder	67.5	0.95	1	1	6.331109
HS20_str_opr	BOBJ1	623.75	Before	Left Exterior Girder	78.75	0.95	1	1	5.87395
HS20_str_opr	BOBJ1	623.75	Before	Interior Girder 1	78.75	0.95	1	1	4.904634
HS20_str_opr	BOBJ1	623.75	Before	Interior Girder 2	78.75	0.95	1	1	4.904634
HS20_str_opr	BOBJ1	623.75	Before	Right Exterior Girder	78.75	0.95	1	1	5.873951

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelINonCompStrgth-Flx - Main Span Girders									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
HS20_str_opr	BOBJ1	623.75	After	Left Exterior Girder	78.75	0.95	1	1	5.879125
HS20_str_opr	BOBJ1	623.75	After	Interior Girder 1	78.75	0.95	1	1	4.901252
HS20_str_opr	BOBJ1	623.75	After	Interior Girder 2	78.75	0.95	1	1	4.901252
HS20_str_opr	BOBJ1	623.75	After	Right Exterior Girder	78.75	0.95	1	1	5.879125
HS20_str_opr	BOBJ1	635	Before	Left Exterior Girder	90	0.95	1	1	4.097945
HS20_str_opr	BOBJ1	635	Before	Interior Girder 1	90	0.95	1	1	3.584185
HS20_str_opr	BOBJ1	635	Before	Interior Girder 2	90	0.95	1	1	3.584185
HS20_str_opr	BOBJ1	635	Before	Right Exterior Girder	90	0.95	1	1	4.097945
HS20_str_opr	BOBJ1	635	After	Left Exterior Girder	90	0.95	1	1	4.172174
HS20_str_opr	BOBJ1	635	After	Interior Girder 1	90	0.95	1	1	3.603233
HS20_str_opr	BOBJ1	635	After	Interior Girder 2	90	0.95	1	1	3.603232
HS20_str_opr	BOBJ1	635	After	Right Exterior Girder	90	0.95	1	1	4.172174
HS20_str_opr	BOBJ1	643.5619	Before	Left Exterior Girder	98.5619	0.95	1	1	3.258896
HS20_str_opr	BOBJ1	643.5619	Before	Interior Girder 1	98.5619	0.95	1	1	2.84486
HS20_str_opr	BOBJ1	643.5619	Before	Interior Girder 2	98.5619	0.95	1	1	2.84486
HS20_str_opr	BOBJ1	643.5619	Before	Right Exterior Girder	98.5619	0.95	1	1	3.258896
HS20_str_opr	BOBJ1	643.5619	After	Left Exterior Girder	98.5619	0.95	1	1	6.167351
HS20_str_opr	BOBJ1	643.5619	After	Interior Girder 1	98.5619	0.95	1	1	5.378002
HS20_str_opr	BOBJ1	643.5619	After	Interior Girder 2	98.5619	0.95	1	1	5.378002
HS20_str_opr	BOBJ1	643.5619	After	Right Exterior Girder	98.5619	0.95	1	1	6.167351
HS20_str_opr	BOBJ1	646.25	Before	Left Exterior Girder	101.25	0.95	1	1	5.863002
HS20_str_opr	BOBJ1	646.25	Before	Interior Girder 1	101.25	0.95	1	1	5.134929
HS20_str_opr	BOBJ1	646.25	Before	Interior Girder 2	101.25	0.95	1	1	5.134928
HS20_str_opr	BOBJ1	646.25	Before	Right Exterior Girder	101.25	0.95	1	1	5.863003
HS20_str_opr	BOBJ1	646.25	After	Left Exterior Girder	101.25	0.95	1	1	5.860243
HS20_str_opr	BOBJ1	646.25	After	Interior Girder 1	101.25	0.95	1	1	5.13748
HS20_str_opr	BOBJ1	646.25	After	Interior Girder 2	101.25	0.95	1	1	5.13748
HS20_str_opr	BOBJ1	646.25	After	Right Exterior Girder	101.25	0.95	1	1	5.860243
HS20_str_opr	BOBJ1	657.5	Before	Left Exterior Girder	112.5	0.95	1	1	4.861632
HS20_str_opr	BOBJ1	657.5	Before	Interior Girder 1	112.5	0.95	1	1	4.377485
HS20_str_opr	BOBJ1	657.5	Before	Interior Girder 2	112.5	0.95	1	1	4.377485
HS20_str_opr	BOBJ1	657.5	Before	Right Exterior Girder	112.5	0.95	1	1	4.861632
HS20_str_opr	BOBJ1	657.5	After	Left Exterior Girder	112.5	0.95	1	1	4.893547
HS20_str_opr	BOBJ1	657.5	After	Interior Girder 1	112.5	0.95	1	1	4.384014
HS20_str_opr	BOBJ1	657.5	After	Interior Girder 2	112.5	0.95	1	1	4.384014
HS20_str_opr	BOBJ1	657.5	After	Right Exterior Girder	112.5	0.95	1	1	4.893547
HS20_str_opr	BOBJ1	668.75	Before	Left Exterior Girder	123.75	0.95	1	1	4.307933
HS20_str_opr	BOBJ1	668.75	Before	Interior Girder 1	123.75	0.95	1	1	3.858081
HS20_str_opr	BOBJ1	668.75	Before	Interior Girder 2	123.75	0.95	1	1	3.858082
HS20_str_opr	BOBJ1	668.75	Before	Right Exterior Girder	123.75	0.95	1	1	4.307933
HS20_str_opr	BOBJ1	668.75	After	Left Exterior Girder	123.75	0.95	1	1	4.313437
HS20_str_opr	BOBJ1	668.75	After	Interior Girder 1	123.75	0.95	1	1	3.863891
HS20_str_opr	BOBJ1	668.75	After	Interior Girder 2	123.75	0.95	1	1	3.863891
HS20_str_opr	BOBJ1	668.75	After	Right Exterior Girder	123.75	0.95	1	1	4.313436
HS20_str_opr	BOBJ1	680	Before	Left Exterior Girder	135	0.95	1	1	3.957061
HS20_str_opr	BOBJ1	680	Before	Interior Girder 1	135	0.95	1	1	3.599486
HS20_str_opr	BOBJ1	680	Before	Interior Girder 2	135	0.95	1	1	3.599486
HS20_str_opr	BOBJ1	680	Before	Right Exterior Girder	135	0.95	1	1	3.957061
HS20_str_opr	BOBJ1	680	After	Left Exterior Girder	135	0.95	1	1	3.954464
HS20_str_opr	BOBJ1	680	After	Interior Girder 1	135	0.95	1	1	3.59788
HS20_str_opr	BOBJ1	680	After	Interior Girder 2	135	0.95	1	1	3.59788
HS20_str_opr	BOBJ1	680	After	Right Exterior Girder	135	0.95	1	1	3.954464
HS20_str_opr	BOBJ1	691.25	Before	Left Exterior Girder	146.25	0.95	1	1	3.880623
HS20_str_opr	BOBJ1	691.25	Before	Interior Girder 1	146.25	0.95	1	1	3.46986
HS20_str_opr	BOBJ1	691.25	Before	Interior Girder 2	146.25	0.95	1	1	3.46986
HS20_str_opr	BOBJ1	691.25	Before	Right Exterior Girder	146.25	0.95	1	1	3.880623
HS20_str_opr	BOBJ1	691.25	After	Left Exterior Girder	146.25	0.95	1	1	3.883478
HS20_str_opr	BOBJ1	691.25	After	Interior Girder 1	146.25	0.95	1	1	3.466751
HS20_str_opr	BOBJ1	691.25	After	Interior Girder 2	146.25	0.95	1	1	3.466752
HS20_str_opr	BOBJ1	691.25	After	Right Exterior Girder	146.25	0.95	1	1	3.883478
HS20_str_opr	BOBJ1	702.5	Before	Left Exterior Girder	157.5	0.95	1	1	4.037172
HS20_str_opr	BOBJ1	702.5	Before	Interior Girder 1	157.5	0.95	1	1	3.590265
HS20_str_opr	BOBJ1	702.5	Before	Interior Girder 2	157.5	0.95	1	1	3.590265
HS20_str_opr	BOBJ1	702.5	Before	Right Exterior Girder	157.5	0.95	1	1	4.037172
HS20_str_opr	BOBJ1	702.5	After	Left Exterior Girder	157.5	0.95	1	1	4.000389
HS20_str_opr	BOBJ1	702.5	After	Interior Girder 1	157.5	0.95	1	1	3.604227
HS20_str_opr	BOBJ1	702.5	After	Interior Girder 2	157.5	0.95	1	1	3.604227
HS20_str_opr	BOBJ1	702.5	After	Right Exterior Girder	157.5	0.95	1	1	4.000389

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelNonCompStrgth-Flx - Main Span Girders									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
HS20_str_opr	BOBJ1	713.75	Before	Left Exterior Girder	168.75	0.95	1	1	4.519611
HS20_str_opr	BOBJ1	713.75	Before	Interior Girder 1	168.75	0.95	1	1	3.904949
HS20_str_opr	BOBJ1	713.75	Before	Interior Girder 2	168.75	0.95	1	1	3.904949
HS20_str_opr	BOBJ1	713.75	Before	Right Exterior Girder	168.75	0.95	1	1	4.519611
HS20_str_opr	BOBJ1	713.75	After	Left Exterior Girder	168.75	0.95	1	1	4.519837
HS20_str_opr	BOBJ1	713.75	After	Interior Girder 1	168.75	0.95	1	1	3.905069
HS20_str_opr	BOBJ1	713.75	After	Interior Girder 2	168.75	0.95	1	1	3.905069
HS20_str_opr	BOBJ1	713.75	After	Right Exterior Girder	168.75	0.95	1	1	4.519836
HS20_str_opr	BOBJ1	725	Before	Left Exterior Girder	180	0.95	1	1	5.488966
HS20_str_opr	BOBJ1	725	Before	Interior Girder 1	180	0.95	1	1	4.616797
HS20_str_opr	BOBJ1	725	Before	Interior Girder 2	180	0.95	1	1	4.616798
HS20_str_opr	BOBJ1	725	Before	Right Exterior Girder	180	0.95	1	1	5.488965
HS20_str_opr	BOBJ1	725	After	Left Exterior Girder	180	0.95	1	1	5.418677
HS20_str_opr	BOBJ1	725	After	Interior Girder 1	180	0.95	1	1	4.659856
HS20_str_opr	BOBJ1	725	After	Interior Girder 2	180	0.95	1	1	4.659856
HS20_str_opr	BOBJ1	725	After	Right Exterior Girder	180	0.95	1	1	5.418677
HS20_str_opr	BOBJ1	731.1726	Before	Left Exterior Girder	186.1726	0.95	1	1	6.322615
HS20_str_opr	BOBJ1	731.1726	Before	Interior Girder 1	186.1726	0.95	1	1	5.213446
HS20_str_opr	BOBJ1	731.1726	Before	Interior Girder 2	186.1726	0.95	1	1	5.213446
HS20_str_opr	BOBJ1	731.1726	Before	Right Exterior Girder	186.1726	0.95	1	1	6.322615
HS20_str_opr	BOBJ1	731.1726	After	Left Exterior Girder	186.1726	0.95	1	1	2.715665
HS20_str_opr	BOBJ1	731.1726	After	Interior Girder 1	186.1726	0.95	1	1	2.227956
HS20_str_opr	BOBJ1	731.1726	After	Interior Girder 2	186.1726	0.95	1	1	2.227956
HS20_str_opr	BOBJ1	731.1726	After	Right Exterior Girder	186.1726	0.95	1	1	2.715665
HS20_str_opr	BOBJ1	736.25	Before	Left Exterior Girder	191.25	0.95	1	1	3.343339
HS20_str_opr	BOBJ1	736.25	Before	Interior Girder 1	191.25	0.95	1	1	2.638976
HS20_str_opr	BOBJ1	736.25	Before	Interior Girder 2	191.25	0.95	1	1	2.638976
HS20_str_opr	BOBJ1	736.25	Before	Right Exterior Girder	191.25	0.95	1	1	3.343338
HS20_str_opr	BOBJ1	736.25	After	Left Exterior Girder	191.25	0.95	1	1	3.333655
HS20_str_opr	BOBJ1	736.25	After	Interior Girder 1	191.25	0.95	1	1	2.637701
HS20_str_opr	BOBJ1	736.25	After	Interior Girder 2	191.25	0.95	1	1	2.637701
HS20_str_opr	BOBJ1	736.25	After	Right Exterior Girder	191.25	0.95	1	1	3.333655
HS20_str_opr	BOBJ1	747.5	Before	Left Exterior Girder	202.5	0.95	1	1	5.802232
HS20_str_opr	BOBJ1	747.5	Before	Interior Girder 1	202.5	0.95	1	1	4.272467
HS20_str_opr	BOBJ1	747.5	Before	Interior Girder 2	202.5	0.95	1	1	4.272467
HS20_str_opr	BOBJ1	747.5	Before	Right Exterior Girder	202.5	0.95	1	1	5.802232
HS20_str_opr	BOBJ1	747.5	After	Left Exterior Girder	202.5	0.95	1	1	5.564035
HS20_str_opr	BOBJ1	747.5	After	Interior Girder 1	202.5	0.95	1	1	4.215753
HS20_str_opr	BOBJ1	747.5	After	Interior Girder 2	202.5	0.95	1	1	4.215753
HS20_str_opr	BOBJ1	747.5	After	Right Exterior Girder	202.5	0.95	1	1	5.564034
HS20_str_opr	BOBJ1	758.75	Before	Left Exterior Girder	213.75	0.95	1	1	13.106824
HS20_str_opr	BOBJ1	758.75	Before	Interior Girder 1	213.75	0.95	1	1	8.772453
HS20_str_opr	BOBJ1	758.75	Before	Interior Girder 2	213.75	0.95	1	1	8.772453
HS20_str_opr	BOBJ1	758.75	Before	Right Exterior Girder	213.75	0.95	1	1	13.10682
HS20_str_opr	BOBJ1	758.75	After	Left Exterior Girder	213.75	0.95	1	1	13.064361
HS20_str_opr	BOBJ1	758.75	After	Interior Girder 1	213.75	0.95	1	1	8.656916
HS20_str_opr	BOBJ1	758.75	After	Interior Girder 2	213.75	0.95	1	1	8.656916
HS20_str_opr	BOBJ1	758.75	After	Right Exterior Girder	213.75	0.95	1	1	13.064357
HS20_str_opr	BOBJ1	770	Before	Left Exterior Girder	225	0.95	1	1	270.261345
HS20_str_opr	BOBJ1	770	Before	Interior Girder 1	225	0.95	1	1	224.482391
HS20_str_opr	BOBJ1	770	Before	Interior Girder 2	225	0.95	1	1	224.481603
HS20_str_opr	BOBJ1	770	Before	Right Exterior Girder	225	0.95	1	1	270.262698
HS20_str_inv	BOBJ1	0	After	Left Exterior Girder	0	0.95	1	1	208.488407
HS20_str_inv	BOBJ1	0	After	Interior Girder 1	0	0.95	1	1	173.172114
HS20_str_inv	BOBJ1	0	After	Interior Girder 2	0	0.95	1	1	173.171922
HS20_str_inv	BOBJ1	0	After	Right Exterior Girder	0	0.95	1	1	208.4884
HS20_str_inv	BOBJ1	11.25	Before	Left Exterior Girder	11.25	0.95	1	1	10.078219
HS20_str_inv	BOBJ1	11.25	Before	Interior Girder 1	11.25	0.95	1	1	6.678192
HS20_str_inv	BOBJ1	11.25	Before	Interior Girder 2	11.25	0.95	1	1	6.678193
HS20_str_inv	BOBJ1	11.25	Before	Right Exterior Girder	11.25	0.95	1	1	10.078219
HS20_str_inv	BOBJ1	11.25	After	Left Exterior Girder	11.25	0.95	1	1	10.110976
HS20_str_inv	BOBJ1	11.25	After	Interior Girder 1	11.25	0.95	1	1	6.76732
HS20_str_inv	BOBJ1	11.25	After	Interior Girder 2	11.25	0.95	1	1	6.767322
HS20_str_inv	BOBJ1	11.25	After	Right Exterior Girder	11.25	0.95	1	1	10.110976
HS20_str_inv	BOBJ1	22.5	Before	Left Exterior Girder	22.5	0.95	1	1	4.292255
HS20_str_inv	BOBJ1	22.5	Before	Interior Girder 1	22.5	0.95	1	1	3.252152
HS20_str_inv	BOBJ1	22.5	Before	Interior Girder 2	22.5	0.95	1	1	3.252153
HS20_str_inv	BOBJ1	22.5	Before	Right Exterior Girder	22.5	0.95	1	1	4.292255

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelINonCompStrgth-Flx - Main Span Girders									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
HS20_str_inv	BOBJ1	22.5	After	Left Exterior Girder	22.5	0.95	1	1	4.476007
HS20_str_inv	BOBJ1	22.5	After	Interior Girder 1	22.5	0.95	1	1	3.295903
HS20_str_inv	BOBJ1	22.5	After	Interior Girder 2	22.5	0.95	1	1	3.295903
HS20_str_inv	BOBJ1	22.5	After	Right Exterior Girder	22.5	0.95	1	1	4.476007
HS20_str_inv	BOBJ1	33.75	Before	Left Exterior Girder	33.75	0.95	1	1	2.571676
HS20_str_inv	BOBJ1	33.75	Before	Interior Girder 1	33.75	0.95	1	1	2.034798
HS20_str_inv	BOBJ1	33.75	Before	Interior Girder 2	33.75	0.95	1	1	2.034798
HS20_str_inv	BOBJ1	33.75	Before	Right Exterior Girder	33.75	0.95	1	1	2.571676
HS20_str_inv	BOBJ1	33.75	After	Left Exterior Girder	33.75	0.95	1	1	2.579147
HS20_str_inv	BOBJ1	33.75	After	Interior Girder 1	33.75	0.95	1	1	2.035782
HS20_str_inv	BOBJ1	33.75	After	Interior Girder 2	33.75	0.95	1	1	2.035782
HS20_str_inv	BOBJ1	33.75	After	Right Exterior Girder	33.75	0.95	1	1	2.579147
HS20_str_inv	BOBJ1	38.8274	Before	Left Exterior Girder	38.8274	0.95	1	1	2.094942
HS20_str_inv	BOBJ1	38.8274	Before	Interior Girder 1	38.8274	0.95	1	1	1.718709
HS20_str_inv	BOBJ1	38.8274	Before	Interior Girder 2	38.8274	0.95	1	1	1.718709
HS20_str_inv	BOBJ1	38.8274	Before	Right Exterior Girder	38.8274	0.95	1	1	2.094942
HS20_str_inv	BOBJ1	38.8274	After	Left Exterior Girder	38.8274	0.95	1	1	4.877446
HS20_str_inv	BOBJ1	38.8274	After	Interior Girder 1	38.8274	0.95	1	1	4.021801
HS20_str_inv	BOBJ1	38.8274	After	Interior Girder 2	38.8274	0.95	1	1	4.021801
HS20_str_inv	BOBJ1	38.8274	After	Right Exterior Girder	38.8274	0.95	1	1	4.877446
HS20_str_inv	BOBJ1	45	Before	Left Exterior Girder	45	0.95	1	1	4.180122
HS20_str_inv	BOBJ1	45	Before	Interior Girder 1	45	0.95	1	1	3.594746
HS20_str_inv	BOBJ1	45	Before	Interior Girder 2	45	0.95	1	1	3.594746
HS20_str_inv	BOBJ1	45	Before	Right Exterior Girder	45	0.95	1	1	4.180122
HS20_str_inv	BOBJ1	45	After	Left Exterior Girder	45	0.95	1	1	4.234344
HS20_str_inv	BOBJ1	45	After	Interior Girder 1	45	0.95	1	1	3.56153
HS20_str_inv	BOBJ1	45	After	Interior Girder 2	45	0.95	1	1	3.561529
HS20_str_inv	BOBJ1	45	After	Right Exterior Girder	45	0.95	1	1	4.234345
HS20_str_inv	BOBJ1	56.25	Before	Left Exterior Girder	56.25	0.95	1	1	3.486731
HS20_str_inv	BOBJ1	56.25	Before	Interior Girder 1	56.25	0.95	1	1	3.012482
HS20_str_inv	BOBJ1	56.25	Before	Interior Girder 2	56.25	0.95	1	1	3.012482
HS20_str_inv	BOBJ1	56.25	Before	Right Exterior Girder	56.25	0.95	1	1	3.486731
HS20_str_inv	BOBJ1	56.25	After	Left Exterior Girder	56.25	0.95	1	1	3.486557
HS20_str_inv	BOBJ1	56.25	After	Interior Girder 1	56.25	0.95	1	1	3.012389
HS20_str_inv	BOBJ1	56.25	After	Interior Girder 2	56.25	0.95	1	1	3.012389
HS20_str_inv	BOBJ1	56.25	After	Right Exterior Girder	56.25	0.95	1	1	3.486557
HS20_str_inv	BOBJ1	67.5	Before	Left Exterior Girder	67.5	0.95	1	1	3.086015
HS20_str_inv	BOBJ1	67.5	Before	Interior Girder 1	67.5	0.95	1	1	2.780404
HS20_str_inv	BOBJ1	67.5	Before	Interior Girder 2	67.5	0.95	1	1	2.780403
HS20_str_inv	BOBJ1	67.5	Before	Right Exterior Girder	67.5	0.95	1	1	3.086015
HS20_str_inv	BOBJ1	67.5	After	Left Exterior Girder	67.5	0.95	1	1	3.11439
HS20_str_inv	BOBJ1	67.5	After	Interior Girder 1	67.5	0.95	1	1	2.769633
HS20_str_inv	BOBJ1	67.5	After	Interior Girder 2	67.5	0.95	1	1	2.769632
HS20_str_inv	BOBJ1	67.5	After	Right Exterior Girder	67.5	0.95	1	1	3.11439
HS20_str_inv	BOBJ1	78.75	Before	Left Exterior Girder	78.75	0.95	1	1	2.995826
HS20_str_inv	BOBJ1	78.75	Before	Interior Girder 1	78.75	0.95	1	1	2.674351
HS20_str_inv	BOBJ1	78.75	Before	Interior Girder 2	78.75	0.95	1	1	2.674351
HS20_str_inv	BOBJ1	78.75	Before	Right Exterior Girder	78.75	0.95	1	1	2.995826
HS20_str_inv	BOBJ1	78.75	After	Left Exterior Girder	78.75	0.95	1	1	2.993624
HS20_str_inv	BOBJ1	78.75	After	Interior Girder 1	78.75	0.95	1	1	2.676749
HS20_str_inv	BOBJ1	78.75	After	Interior Girder 2	78.75	0.95	1	1	2.676749
HS20_str_inv	BOBJ1	78.75	After	Right Exterior Girder	78.75	0.95	1	1	2.993624
HS20_str_inv	BOBJ1	90	Before	Left Exterior Girder	90	0.95	1	1	3.050587
HS20_str_inv	BOBJ1	90	Before	Interior Girder 1	90	0.95	1	1	2.775507
HS20_str_inv	BOBJ1	90	Before	Interior Girder 2	90	0.95	1	1	2.775507
HS20_str_inv	BOBJ1	90	Before	Right Exterior Girder	90	0.95	1	1	3.050587
HS20_str_inv	BOBJ1	90	After	Left Exterior Girder	90	0.95	1	1	3.05259
HS20_str_inv	BOBJ1	90	After	Interior Girder 1	90	0.95	1	1	2.776746
HS20_str_inv	BOBJ1	90	After	Interior Girder 2	90	0.95	1	1	2.776746
HS20_str_inv	BOBJ1	90	After	Right Exterior Girder	90	0.95	1	1	3.05259
HS20_str_inv	BOBJ1	101.25	Before	Left Exterior Girder	101.25	0.95	1	1	3.327508
HS20_str_inv	BOBJ1	101.25	Before	Interior Girder 1	101.25	0.95	1	1	2.980716
HS20_str_inv	BOBJ1	101.25	Before	Interior Girder 2	101.25	0.95	1	1	2.980716
HS20_str_inv	BOBJ1	101.25	Before	Right Exterior Girder	101.25	0.95	1	1	3.327508
HS20_str_inv	BOBJ1	101.25	After	Left Exterior Girder	101.25	0.95	1	1	3.323263
HS20_str_inv	BOBJ1	101.25	After	Interior Girder 1	101.25	0.95	1	1	2.976234
HS20_str_inv	BOBJ1	101.25	After	Interior Girder 2	101.25	0.95	1	1	2.976234
HS20_str_inv	BOBJ1	101.25	After	Right Exterior Girder	101.25	0.95	1	1	3.323263

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelINonCompStrgth-Flx - Main Span Girders									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
HS20_str_inv	BOBJ1	112.5	Before	Left Exterior Girder	112.5	0.95	1	1	3.775022
HS20_str_inv	BOBJ1	112.5	Before	Interior Girder 1	112.5	0.95	1	1	3.381953
HS20_str_inv	BOBJ1	112.5	Before	Interior Girder 2	112.5	0.95	1	1	3.381954
HS20_str_inv	BOBJ1	112.5	Before	Right Exterior Girder	112.5	0.95	1	1	3.775022
HS20_str_inv	BOBJ1	112.5	After	Left Exterior Girder	112.5	0.95	1	1	3.750402
HS20_str_inv	BOBJ1	112.5	After	Interior Girder 1	112.5	0.95	1	1	3.376917
HS20_str_inv	BOBJ1	112.5	After	Interior Girder 2	112.5	0.95	1	1	3.376917
HS20_str_inv	BOBJ1	112.5	After	Right Exterior Girder	112.5	0.95	1	1	3.750402
HS20_str_inv	BOBJ1	123.75	Before	Left Exterior Girder	123.75	0.95	1	1	4.520759
HS20_str_inv	BOBJ1	123.75	Before	Interior Girder 1	123.75	0.95	1	1	3.963199
HS20_str_inv	BOBJ1	123.75	Before	Interior Girder 2	123.75	0.95	1	1	3.963199
HS20_str_inv	BOBJ1	123.75	Before	Right Exterior Girder	123.75	0.95	1	1	4.520759
HS20_str_inv	BOBJ1	123.75	After	Left Exterior Girder	123.75	0.95	1	1	4.522888
HS20_str_inv	BOBJ1	123.75	After	Interior Girder 1	123.75	0.95	1	1	3.96123
HS20_str_inv	BOBJ1	123.75	After	Interior Girder 2	123.75	0.95	1	1	3.961231
HS20_str_inv	BOBJ1	123.75	After	Right Exterior Girder	123.75	0.95	1	1	4.522888
HS20_str_inv	BOBJ1	126.4381	Before	Left Exterior Girder	126.4381	0.95	1	1	4.757671
HS20_str_inv	BOBJ1	126.4381	Before	Interior Girder 1	126.4381	0.95	1	1	4.148744
HS20_str_inv	BOBJ1	126.4381	Before	Interior Girder 2	126.4381	0.95	1	1	4.148745
HS20_str_inv	BOBJ1	126.4381	Before	Right Exterior Girder	126.4381	0.95	1	1	4.757671
HS20_str_inv	BOBJ1	126.4381	After	Left Exterior Girder	126.4381	0.95	1	1	2.514006
HS20_str_inv	BOBJ1	126.4381	After	Interior Girder 1	126.4381	0.95	1	1	2.194606
HS20_str_inv	BOBJ1	126.4381	After	Interior Girder 2	126.4381	0.95	1	1	2.194606
HS20_str_inv	BOBJ1	126.4381	After	Right Exterior Girder	126.4381	0.95	1	1	2.514006
HS20_str_inv	BOBJ1	135	Before	Left Exterior Girder	135	0.95	1	1	3.218507
HS20_str_inv	BOBJ1	135	Before	Interior Girder 1	135	0.95	1	1	2.779636
HS20_str_inv	BOBJ1	135	Before	Interior Girder 2	135	0.95	1	1	2.779637
HS20_str_inv	BOBJ1	135	Before	Right Exterior Girder	135	0.95	1	1	3.218507
HS20_str_inv	BOBJ1	135	After	Left Exterior Girder	135	0.95	1	1	3.161272
HS20_str_inv	BOBJ1	135	After	Interior Girder 1	135	0.95	1	1	2.764943
HS20_str_inv	BOBJ1	135	After	Interior Girder 2	135	0.95	1	1	2.764943
HS20_str_inv	BOBJ1	135	After	Right Exterior Girder	135	0.95	1	1	3.161272
HS20_str_inv	BOBJ1	146.25	Before	Left Exterior Girder	146.25	0.95	1	1	4.535325
HS20_str_inv	BOBJ1	146.25	Before	Interior Girder 1	146.25	0.95	1	1	3.780966
HS20_str_inv	BOBJ1	146.25	Before	Interior Girder 2	146.25	0.95	1	1	3.780966
HS20_str_inv	BOBJ1	146.25	Before	Right Exterior Girder	146.25	0.95	1	1	4.535325
HS20_str_inv	BOBJ1	146.25	After	Left Exterior Girder	146.25	0.95	1	1	4.531339
HS20_str_inv	BOBJ1	146.25	After	Interior Girder 1	146.25	0.95	1	1	3.783575
HS20_str_inv	BOBJ1	146.25	After	Interior Girder 2	146.25	0.95	1	1	3.783574
HS20_str_inv	BOBJ1	146.25	After	Right Exterior Girder	146.25	0.95	1	1	4.531339
HS20_str_inv	BOBJ1	157.5	Before	Left Exterior Girder	157.5	0.95	1	1	4.883999
HS20_str_inv	BOBJ1	157.5	Before	Interior Girder 1	157.5	0.95	1	1	4.863459
HS20_str_inv	BOBJ1	157.5	Before	Interior Girder 2	157.5	0.95	1	1	4.863459
HS20_str_inv	BOBJ1	157.5	Before	Right Exterior Girder	157.5	0.95	1	1	4.883999
HS20_str_inv	BOBJ1	157.5	After	Left Exterior Girder	157.5	0.95	1	1	3.470084
HS20_str_inv	BOBJ1	157.5	After	Interior Girder 1	157.5	0.95	1	1	3.437701
HS20_str_inv	BOBJ1	157.5	After	Interior Girder 2	157.5	0.95	1	1	3.437701
HS20_str_inv	BOBJ1	157.5	After	Right Exterior Girder	157.5	0.95	1	1	3.470084
HS20_str_inv	BOBJ1	168.2522	Before	Left Exterior Girder	168.2522	0.95	1	1	1.694144
HS20_str_inv	BOBJ1	168.2522	Before	Interior Girder 1	168.2522	0.95	1	1	1.663792
HS20_str_inv	BOBJ1	168.2522	Before	Interior Girder 2	168.2522	0.95	1	1	1.663792
HS20_str_inv	BOBJ1	168.2522	Before	Right Exterior Girder	168.2522	0.95	1	1	1.694144
HS20_str_inv	BOBJ1	168.2522	After	Left Exterior Girder	168.2522	0.95	1	1	5.327239
HS20_str_inv	BOBJ1	168.2522	After	Interior Girder 1	168.2522	0.95	1	1	5.181105
HS20_str_inv	BOBJ1	168.2522	After	Interior Girder 2	168.2522	0.95	1	1	5.181105
HS20_str_inv	BOBJ1	168.2522	After	Right Exterior Girder	168.2522	0.95	1	1	5.327239
HS20_str_inv	BOBJ1	168.75	Before	Left Exterior Girder	168.75	0.95	1	1	5.231482
HS20_str_inv	BOBJ1	168.75	Before	Interior Girder 1	168.75	0.95	1	1	5.094009
HS20_str_inv	BOBJ1	168.75	Before	Interior Girder 2	168.75	0.95	1	1	5.094009
HS20_str_inv	BOBJ1	168.75	Before	Right Exterior Girder	168.75	0.95	1	1	5.231482
HS20_str_inv	BOBJ1	168.75	After	Left Exterior Girder	168.75	0.95	1	1	5.242736
HS20_str_inv	BOBJ1	168.75	After	Interior Girder 1	168.75	0.95	1	1	5.08368
HS20_str_inv	BOBJ1	168.75	After	Interior Girder 2	168.75	0.95	1	1	5.08368
HS20_str_inv	BOBJ1	168.75	After	Right Exterior Girder	168.75	0.95	1	1	5.242736
HS20_str_inv	BOBJ1	180	Before	Left Exterior Girder	180	0.95	1	1	3.212326
HS20_str_inv	BOBJ1	180	Before	Interior Girder 1	180	0.95	1	1	3.068409
HS20_str_inv	BOBJ1	180	Before	Interior Girder 2	180	0.95	1	1	3.068409
HS20_str_inv	BOBJ1	180	Before	Right Exterior Girder	180	0.95	1	1	3.212326

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelINonCompStrgth-Flx - Main Span Girders									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
HS20_str_inv	BOBJ1	180	After	Left Exterior Girder	180	0.95	1	1	4.432647
HS20_str_inv	BOBJ1	180	After	Interior Girder 1	180	0.95	1	1	4.245416
HS20_str_inv	BOBJ1	180	After	Interior Girder 2	180	0.95	1	1	4.245416
HS20_str_inv	BOBJ1	180	After	Right Exterior Girder	180	0.95	1	1	4.432647
HS20_str_inv	BOBJ1	183.1858	Before	Left Exterior Girder	183.1858	0.95	1	1	3.844997
HS20_str_inv	BOBJ1	183.1858	Before	Interior Girder 1	183.1858	0.95	1	1	3.663551
HS20_str_inv	BOBJ1	183.1858	Before	Interior Girder 2	183.1858	0.95	1	1	3.663551
HS20_str_inv	BOBJ1	183.1858	Before	Right Exterior Girder	183.1858	0.95	1	1	3.844997
HS20_str_inv	BOBJ1	183.1858	After	Left Exterior Girder	183.1858	0.95	1	1	8.601841
HS20_str_inv	BOBJ1	183.1858	After	Interior Girder 1	183.1858	0.95	1	1	8.171994
HS20_str_inv	BOBJ1	183.1858	After	Interior Girder 2	183.1858	0.95	1	1	8.171994
HS20_str_inv	BOBJ1	183.1858	After	Right Exterior Girder	183.1858	0.95	1	1	8.601841
HS20_str_inv	BOBJ1	191.25	Before	Left Exterior Girder	191.25	0.95	1	1	6.951019
HS20_str_inv	BOBJ1	191.25	Before	Interior Girder 1	191.25	0.95	1	1	6.489549
HS20_str_inv	BOBJ1	191.25	Before	Interior Girder 2	191.25	0.95	1	1	6.48955
HS20_str_inv	BOBJ1	191.25	Before	Right Exterior Girder	191.25	0.95	1	1	6.951019
HS20_str_inv	BOBJ1	191.25	After	Left Exterior Girder	191.25	0.95	1	1	6.969974
HS20_str_inv	BOBJ1	191.25	After	Interior Girder 1	191.25	0.95	1	1	6.475504
HS20_str_inv	BOBJ1	191.25	After	Interior Girder 2	191.25	0.95	1	1	6.475504
HS20_str_inv	BOBJ1	191.25	After	Right Exterior Girder	191.25	0.95	1	1	6.969974
HS20_str_inv	BOBJ1	199.9414	Before	Left Exterior Girder	199.9414	0.95	1	1	5.148419
HS20_str_inv	BOBJ1	199.9414	Before	Interior Girder 1	199.9414	0.95	1	1	4.734785
HS20_str_inv	BOBJ1	199.9414	Before	Interior Girder 2	199.9414	0.95	1	1	4.734786
HS20_str_inv	BOBJ1	199.9414	Before	Right Exterior Girder	199.9414	0.95	1	1	5.148419
HS20_str_inv	BOBJ1	199.9414	After	Left Exterior Girder	199.9414	0.95	1	1	8.881314
HS20_str_inv	BOBJ1	199.9414	After	Interior Girder 1	199.9414	0.95	1	1	8.164653
HS20_str_inv	BOBJ1	199.9414	After	Interior Girder 2	199.9414	0.95	1	1	8.164653
HS20_str_inv	BOBJ1	199.9414	After	Right Exterior Girder	199.9414	0.95	1	1	8.881314
HS20_str_inv	BOBJ1	202.5	Before	Left Exterior Girder	202.5	0.95	1	1	8.100422
HS20_str_inv	BOBJ1	202.5	Before	Interior Girder 1	202.5	0.95	1	1	7.607147
HS20_str_inv	BOBJ1	202.5	Before	Interior Girder 2	202.5	0.95	1	1	7.607148
HS20_str_inv	BOBJ1	202.5	Before	Right Exterior Girder	202.5	0.95	1	1	8.100422
HS20_str_inv	BOBJ1	202.5	After	Left Exterior Girder	202.5	0.95	1	1	8.389851
HS20_str_inv	BOBJ1	202.5	After	Interior Girder 1	202.5	0.95	1	1	7.690079
HS20_str_inv	BOBJ1	202.5	After	Interior Girder 2	202.5	0.95	1	1	7.690079
HS20_str_inv	BOBJ1	202.5	After	Right Exterior Girder	202.5	0.95	1	1	8.389851
HS20_str_inv	BOBJ1	210.5642	Before	Left Exterior Girder	210.5642	0.95	1	1	6.08247
HS20_str_inv	BOBJ1	210.5642	Before	Interior Girder 1	210.5642	0.95	1	1	5.788482
HS20_str_inv	BOBJ1	210.5642	Before	Interior Girder 2	210.5642	0.95	1	1	5.788482
HS20_str_inv	BOBJ1	210.5642	Before	Right Exterior Girder	210.5642	0.95	1	1	6.08247
HS20_str_inv	BOBJ1	210.5642	After	Left Exterior Girder	210.5642	0.95	1	1	9.35279
HS20_str_inv	BOBJ1	210.5642	After	Interior Girder 1	210.5642	0.95	1	1	8.927263
HS20_str_inv	BOBJ1	210.5642	After	Interior Girder 2	210.5642	0.95	1	1	8.927264
HS20_str_inv	BOBJ1	210.5642	After	Right Exterior Girder	210.5642	0.95	1	1	9.35279
HS20_str_inv	BOBJ1	213.75	Before	Left Exterior Girder	213.75	0.95	1	1	8.326287
HS20_str_inv	BOBJ1	213.75	Before	Interior Girder 1	213.75	0.95	1	1	7.8317
HS20_str_inv	BOBJ1	213.75	Before	Interior Girder 2	213.75	0.95	1	1	7.8317
HS20_str_inv	BOBJ1	213.75	Before	Right Exterior Girder	213.75	0.95	1	1	8.326287
HS20_str_inv	BOBJ1	213.75	After	Left Exterior Girder	213.75	0.95	1	1	8.316833
HS20_str_inv	BOBJ1	213.75	After	Interior Girder 1	213.75	0.95	1	1	7.817876
HS20_str_inv	BOBJ1	213.75	After	Interior Girder 2	213.75	0.95	1	1	7.817875
HS20_str_inv	BOBJ1	213.75	After	Right Exterior Girder	213.75	0.95	1	1	8.316833
HS20_str_inv	BOBJ1	225	Before	Left Exterior Girder	225	0.95	1	1	5.009875
HS20_str_inv	BOBJ1	225	Before	Interior Girder 1	225	0.95	1	1	4.500693
HS20_str_inv	BOBJ1	225	Before	Interior Girder 2	225	0.95	1	1	4.500693
HS20_str_inv	BOBJ1	225	Before	Right Exterior Girder	225	0.95	1	1	5.009875
HS20_str_inv	BOBJ1	225	After	Left Exterior Girder	0	0.95	1	1	4.718905
HS20_str_inv	BOBJ1	225	After	Interior Girder 1	0	0.95	1	1	4.325007
HS20_str_inv	BOBJ1	225	After	Interior Girder 2	0	0.95	1	1	4.325007
HS20_str_inv	BOBJ1	225	After	Right Exterior Girder	0	0.95	1	1	4.718904
HS20_str_inv	BOBJ1	236.45	Before	Left Exterior Girder	11.45	0.95	1	1	8.388077
HS20_str_inv	BOBJ1	236.45	Before	Interior Girder 1	11.45	0.95	1	1	8.307051
HS20_str_inv	BOBJ1	236.45	Before	Interior Girder 2	11.45	0.95	1	1	8.307051
HS20_str_inv	BOBJ1	236.45	Before	Right Exterior Girder	11.45	0.95	1	1	8.388076
HS20_str_inv	BOBJ1	236.45	After	Left Exterior Girder	11.45	0.95	1	1	8.40563
HS20_str_inv	BOBJ1	236.45	After	Interior Girder 1	11.45	0.95	1	1	8.311079
HS20_str_inv	BOBJ1	236.45	After	Interior Girder 2	11.45	0.95	1	1	8.311079
HS20_str_inv	BOBJ1	236.45	After	Right Exterior Girder	11.45	0.95	1	1	8.40563

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelINonCompStrgth-Flx - Main Span Girders									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
HS20_str_inv	BOBJ1	239.5082	Before	Left Exterior Girder	14.5082	0.95	1	1	9.654093
HS20_str_inv	BOBJ1	239.5082	Before	Interior Girder 1	14.5082	0.95	1	1	9.613295
HS20_str_inv	BOBJ1	239.5082	Before	Interior Girder 2	14.5082	0.95	1	1	9.613295
HS20_str_inv	BOBJ1	239.5082	Before	Right Exterior Girder	14.5082	0.95	1	1	9.654093
HS20_str_inv	BOBJ1	239.5082	After	Left Exterior Girder	14.5082	0.95	1	1	6.337874
HS20_str_inv	BOBJ1	239.5082	After	Interior Girder 1	14.5082	0.95	1	1	6.305702
HS20_str_inv	BOBJ1	239.5082	After	Interior Girder 2	14.5082	0.95	1	1	6.305702
HS20_str_inv	BOBJ1	239.5082	After	Right Exterior Girder	14.5082	0.95	1	1	6.337874
HS20_str_inv	BOBJ1	247.9	Before	Left Exterior Girder	22.9	0.95	1	1	9.667349
HS20_str_inv	BOBJ1	247.9	Before	Interior Girder 1	22.9	0.95	1	1	9.520279
HS20_str_inv	BOBJ1	247.9	Before	Interior Girder 2	22.9	0.95	1	1	9.520279
HS20_str_inv	BOBJ1	247.9	Before	Right Exterior Girder	22.9	0.95	1	1	9.667349
HS20_str_inv	BOBJ1	247.9	After	Left Exterior Girder	22.9	0.95	1	1	9.4067
HS20_str_inv	BOBJ1	247.9	After	Interior Girder 1	22.9	0.95	1	1	9.510588
HS20_str_inv	BOBJ1	247.9	After	Interior Girder 2	22.9	0.95	1	1	9.510588
HS20_str_inv	BOBJ1	247.9	After	Right Exterior Girder	22.9	0.95	1	1	9.4067
HS20_str_inv	BOBJ1	258.5189	Before	Left Exterior Girder	33.5189	0.95	1	1	13.467139
HS20_str_inv	BOBJ1	258.5189	Before	Interior Girder 1	33.5189	0.95	1	1	12.547793
HS20_str_inv	BOBJ1	258.5189	Before	Interior Girder 2	33.5189	0.95	1	1	12.547792
HS20_str_inv	BOBJ1	258.5189	Before	Right Exterior Girder	33.5189	0.95	1	1	13.467139
HS20_str_inv	BOBJ1	258.5189	After	Left Exterior Girder	33.5189	0.95	1	1	9.16099
HS20_str_inv	BOBJ1	258.5189	After	Interior Girder 1	33.5189	0.95	1	1	8.445382
HS20_str_inv	BOBJ1	258.5189	After	Interior Girder 2	33.5189	0.95	1	1	8.445382
HS20_str_inv	BOBJ1	258.5189	After	Right Exterior Girder	33.5189	0.95	1	1	9.16099
HS20_str_inv	BOBJ1	259.3	Before	Left Exterior Girder	34.3	0.95	1	1	9.377312
HS20_str_inv	BOBJ1	259.3	Before	Interior Girder 1	34.3	0.95	1	1	8.655092
HS20_str_inv	BOBJ1	259.3	Before	Interior Girder 2	34.3	0.95	1	1	8.655092
HS20_str_inv	BOBJ1	259.3	Before	Right Exterior Girder	34.3	0.95	1	1	9.377312
HS20_str_inv	BOBJ1	259.3	After	Left Exterior Girder	34.3	0.95	1	1	9.370697
HS20_str_inv	BOBJ1	259.3	After	Interior Girder 1	34.3	0.95	1	1	8.660963
HS20_str_inv	BOBJ1	259.3	After	Interior Girder 2	34.3	0.95	1	1	8.660962
HS20_str_inv	BOBJ1	259.3	After	Right Exterior Girder	34.3	0.95	1	1	9.370697
HS20_str_inv	BOBJ1	266.1031	Before	Left Exterior Girder	41.1031	0.95	1	1	11.201378
HS20_str_inv	BOBJ1	266.1031	Before	Interior Girder 1	41.1031	0.95	1	1	10.520391
HS20_str_inv	BOBJ1	266.1031	Before	Interior Girder 2	41.1031	0.95	1	1	10.52039
HS20_str_inv	BOBJ1	266.1031	Before	Right Exterior Girder	41.1031	0.95	1	1	11.201378
HS20_str_inv	BOBJ1	266.1031	After	Left Exterior Girder	41.1031	0.95	1	1	5.800456
HS20_str_inv	BOBJ1	266.1031	After	Interior Girder 1	41.1031	0.95	1	1	5.45419
HS20_str_inv	BOBJ1	266.1031	After	Interior Girder 2	41.1031	0.95	1	1	5.45419
HS20_str_inv	BOBJ1	266.1031	After	Right Exterior Girder	41.1031	0.95	1	1	5.800456
HS20_str_inv	BOBJ1	270.7	Before	Left Exterior Girder	45.7	0.95	1	1	6.952693
HS20_str_inv	BOBJ1	270.7	Before	Interior Girder 1	45.7	0.95	1	1	6.606462
HS20_str_inv	BOBJ1	270.7	Before	Interior Girder 2	45.7	0.95	1	1	6.606461
HS20_str_inv	BOBJ1	270.7	Before	Right Exterior Girder	45.7	0.95	1	1	6.952693
HS20_str_inv	BOBJ1	270.7	After	Left Exterior Girder	45.7	0.95	1	1	8.152194
HS20_str_inv	BOBJ1	270.7	After	Interior Girder 1	45.7	0.95	1	1	7.742728
HS20_str_inv	BOBJ1	270.7	After	Interior Girder 2	45.7	0.95	1	1	7.742728
HS20_str_inv	BOBJ1	270.7	After	Right Exterior Girder	45.7	0.95	1	1	8.152194
HS20_str_inv	BOBJ1	273.6874	Before	Left Exterior Girder	48.6874	0.95	1	1	8.931514
HS20_str_inv	BOBJ1	273.6874	Before	Interior Girder 1	48.6874	0.95	1	1	8.5162
HS20_str_inv	BOBJ1	273.6874	Before	Interior Girder 2	48.6874	0.95	1	1	8.5162
HS20_str_inv	BOBJ1	273.6874	Before	Right Exterior Girder	48.6874	0.95	1	1	8.931514
HS20_str_inv	BOBJ1	273.6874	After	Left Exterior Girder	48.6874	0.95	1	1	3.844489
HS20_str_inv	BOBJ1	273.6874	After	Interior Girder 1	48.6874	0.95	1	1	3.692418
HS20_str_inv	BOBJ1	273.6874	After	Interior Girder 2	48.6874	0.95	1	1	3.692418
HS20_str_inv	BOBJ1	273.6874	After	Right Exterior Girder	48.6874	0.95	1	1	3.844489
HS20_str_inv	BOBJ1	282.15	Before	Left Exterior Girder	57.15	0.95	1	1	5.892305
HS20_str_inv	BOBJ1	282.15	Before	Interior Girder 1	57.15	0.95	1	1	5.712295
HS20_str_inv	BOBJ1	282.15	Before	Interior Girder 2	57.15	0.95	1	1	5.712295
HS20_str_inv	BOBJ1	282.15	Before	Right Exterior Girder	57.15	0.95	1	1	5.892305
HS20_str_inv	BOBJ1	282.15	After	Left Exterior Girder	57.15	0.95	1	1	5.883883
HS20_str_inv	BOBJ1	282.15	After	Interior Girder 1	57.15	0.95	1	1	5.720398
HS20_str_inv	BOBJ1	282.15	After	Interior Girder 2	57.15	0.95	1	1	5.720398
HS20_str_inv	BOBJ1	282.15	After	Right Exterior Girder	57.15	0.95	1	1	5.883883
HS20_str_inv	BOBJ1	293.6	Before	Left Exterior Girder	68.6	0.95	1	1	4.442632
HS20_str_inv	BOBJ1	293.6	Before	Interior Girder 1	68.6	0.95	1	1	3.536861
HS20_str_inv	BOBJ1	293.6	Before	Interior Girder 2	68.6	0.95	1	1	3.536861
HS20_str_inv	BOBJ1	293.6	Before	Right Exterior Girder	68.6	0.95	1	1	4.442632

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelNonCompStrgth-Flx - Main Span Girders									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
HS20_str_inv	BOBJ1	293.6	After	Left Exterior Girder	68.6	0.95	1	1	4.598402
HS20_str_inv	BOBJ1	293.6	After	Interior Girder 1	68.6	0.95	1	1	3.603896
HS20_str_inv	BOBJ1	293.6	After	Interior Girder 2	68.6	0.95	1	1	3.603896
HS20_str_inv	BOBJ1	293.6	After	Right Exterior Girder	68.6	0.95	1	1	4.598402
HS20_str_inv	BOBJ1	305	Before	Left Exterior Girder	80	0.95	1	1	2.485645
HS20_str_inv	BOBJ1	305	Before	Interior Girder 1	80	0.95	1	1	1.99959
HS20_str_inv	BOBJ1	305	Before	Interior Girder 2	80	0.95	1	1	1.999591
HS20_str_inv	BOBJ1	305	Before	Right Exterior Girder	80	0.95	1	1	2.485645
HS20_str_inv	BOBJ1	305	After	Left Exterior Girder	80	0.95	1	1	2.486297
HS20_str_inv	BOBJ1	305	After	Interior Girder 1	80	0.95	1	1	1.998469
HS20_str_inv	BOBJ1	305	After	Interior Girder 2	80	0.95	1	1	1.998469
HS20_str_inv	BOBJ1	305	After	Right Exterior Girder	80	0.95	1	1	2.486297
HS20_str_inv	BOBJ1	306.9561	Before	Left Exterior Girder	81.9561	0.95	1	1	2.203682
HS20_str_inv	BOBJ1	306.9561	Before	Interior Girder 1	81.9561	0.95	1	1	1.791576
HS20_str_inv	BOBJ1	306.9561	Before	Interior Girder 2	81.9561	0.95	1	1	1.791576
HS20_str_inv	BOBJ1	306.9561	Before	Right Exterior Girder	81.9561	0.95	1	1	2.203682
HS20_str_inv	BOBJ1	306.9561	After	Left Exterior Girder	81.9561	0.95	1	1	5.763648
HS20_str_inv	BOBJ1	306.9561	After	Interior Girder 1	81.9561	0.95	1	1	4.745621
HS20_str_inv	BOBJ1	306.9561	After	Interior Girder 2	81.9561	0.95	1	1	4.745621
HS20_str_inv	BOBJ1	306.9561	After	Right Exterior Girder	81.9561	0.95	1	1	5.763648
HS20_str_inv	BOBJ1	316.4	Before	Left Exterior Girder	91.4	0.95	1	1	4.23668
HS20_str_inv	BOBJ1	316.4	Before	Interior Girder 1	91.4	0.95	1	1	3.620226
HS20_str_inv	BOBJ1	316.4	Before	Interior Girder 2	91.4	0.95	1	1	3.620227
HS20_str_inv	BOBJ1	316.4	Before	Right Exterior Girder	91.4	0.95	1	1	4.23668
HS20_str_inv	BOBJ1	316.4	After	Left Exterior Girder	91.4	0.95	1	1	4.291579
HS20_str_inv	BOBJ1	316.4	After	Interior Girder 1	91.4	0.95	1	1	3.620771
HS20_str_inv	BOBJ1	316.4	After	Interior Girder 2	91.4	0.95	1	1	3.620771
HS20_str_inv	BOBJ1	316.4	After	Right Exterior Girder	91.4	0.95	1	1	4.291579
HS20_str_inv	BOBJ1	327.85	Before	Left Exterior Girder	102.9679	0.95	1	1	3.072324
HS20_str_inv	BOBJ1	327.85	Before	Interior Girder 1	102.9679	0.95	1	1	2.614391
HS20_str_inv	BOBJ1	327.85	Before	Interior Girder 2	102.9679	0.95	1	1	2.614391
HS20_str_inv	BOBJ1	327.85	Before	Right Exterior Girder	102.9679	0.95	1	1	3.072324
HS20_str_inv	BOBJ1	327.85	After	Left Exterior Girder	102.9679	0.95	1	1	5.934474
HS20_str_inv	BOBJ1	327.85	After	Interior Girder 1	102.9679	0.95	1	1	5.132425
HS20_str_inv	BOBJ1	327.85	After	Interior Girder 2	102.9679	0.95	1	1	5.132425
HS20_str_inv	BOBJ1	327.85	After	Right Exterior Girder	102.9679	0.95	1	1	5.934474
HS20_str_inv	BOBJ1	339.3	Before	Left Exterior Girder	114.3	0.95	1	1	4.827275
HS20_str_inv	BOBJ1	339.3	Before	Interior Girder 1	114.3	0.95	1	1	4.283333
HS20_str_inv	BOBJ1	339.3	Before	Interior Girder 2	114.3	0.95	1	1	4.283333
HS20_str_inv	BOBJ1	339.3	Before	Right Exterior Girder	114.3	0.95	1	1	4.827275
HS20_str_inv	BOBJ1	339.3	After	Left Exterior Girder	114.3	0.95	1	1	4.862726
HS20_str_inv	BOBJ1	339.3	After	Interior Girder 1	114.3	0.95	1	1	4.288947
HS20_str_inv	BOBJ1	339.3	After	Interior Girder 2	114.3	0.95	1	1	4.288947
HS20_str_inv	BOBJ1	339.3	After	Right Exterior Girder	114.3	0.95	1	1	4.862726
HS20_str_inv	BOBJ1	350.7	Before	Left Exterior Girder	125.7	0.95	1	1	4.168606
HS20_str_inv	BOBJ1	350.7	Before	Interior Girder 1	125.7	0.95	1	1	3.679749
HS20_str_inv	BOBJ1	350.7	Before	Interior Girder 2	125.7	0.95	1	1	3.679749
HS20_str_inv	BOBJ1	350.7	Before	Right Exterior Girder	125.7	0.95	1	1	4.168606
HS20_str_inv	BOBJ1	350.7	After	Left Exterior Girder	125.7	0.95	1	1	4.167425
HS20_str_inv	BOBJ1	350.7	After	Interior Girder 1	125.7	0.95	1	1	3.68027
HS20_str_inv	BOBJ1	350.7	After	Interior Girder 2	125.7	0.95	1	1	3.68027
HS20_str_inv	BOBJ1	350.7	After	Right Exterior Girder	125.7	0.95	1	1	4.167425
HS20_str_inv	BOBJ1	362.1	Before	Left Exterior Girder	137.1	0.95	1	1	3.692715
HS20_str_inv	BOBJ1	362.1	Before	Interior Girder 1	137.1	0.95	1	1	3.314259
HS20_str_inv	BOBJ1	362.1	Before	Interior Girder 2	137.1	0.95	1	1	3.314259
HS20_str_inv	BOBJ1	362.1	Before	Right Exterior Girder	137.1	0.95	1	1	3.692715
HS20_str_inv	BOBJ1	362.1	After	Left Exterior Girder	137.1	0.95	1	1	3.710708
HS20_str_inv	BOBJ1	362.1	After	Interior Girder 1	137.1	0.95	1	1	3.320897
HS20_str_inv	BOBJ1	362.1	After	Interior Girder 2	137.1	0.95	1	1	3.320897
HS20_str_inv	BOBJ1	362.1	After	Right Exterior Girder	137.1	0.95	1	1	3.710708
HS20_str_inv	BOBJ1	373.55	Before	Left Exterior Girder	148.55	0.95	1	1	3.471543
HS20_str_inv	BOBJ1	373.55	Before	Interior Girder 1	148.55	0.95	1	1	3.090788
HS20_str_inv	BOBJ1	373.55	Before	Interior Girder 2	148.55	0.95	1	1	3.090788
HS20_str_inv	BOBJ1	373.55	Before	Right Exterior Girder	148.55	0.95	1	1	3.471543
HS20_str_inv	BOBJ1	373.55	After	Left Exterior Girder	148.55	0.95	1	1	3.471107
HS20_str_inv	BOBJ1	373.55	After	Interior Girder 1	148.55	0.95	1	1	3.092242
HS20_str_inv	BOBJ1	373.55	After	Interior Girder 2	148.55	0.95	1	1	3.092242
HS20_str_inv	BOBJ1	373.55	After	Right Exterior Girder	148.55	0.95	1	1	3.471107

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelINonCompStrgth-Flx - Main Span Girders									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
HS20_str_inv	BOBJ1	385	Before	Left Exterior Girder	160	0.95	1	1	3.376012
HS20_str_inv	BOBJ1	385	Before	Interior Girder 1	160	0.95	1	1	3.037614
HS20_str_inv	BOBJ1	385	Before	Interior Girder 2	160	0.95	1	1	3.037614
HS20_str_inv	BOBJ1	385	Before	Right Exterior Girder	160	0.95	1	1	3.376012
HS20_str_inv	BOBJ1	385	After	Left Exterior Girder	160	0.95	1	1	3.376012
HS20_str_inv	BOBJ1	385	After	Interior Girder 1	160	0.95	1	1	3.037614
HS20_str_inv	BOBJ1	385	After	Interior Girder 2	160	0.95	1	1	3.037614
HS20_str_inv	BOBJ1	385	After	Right Exterior Girder	160	0.95	1	1	3.376012
HS20_str_inv	BOBJ1	396.45	Before	Left Exterior Girder	171.45	0.95	1	1	3.471107
HS20_str_inv	BOBJ1	396.45	Before	Interior Girder 1	171.45	0.95	1	1	3.092242
HS20_str_inv	BOBJ1	396.45	Before	Interior Girder 2	171.45	0.95	1	1	3.092242
HS20_str_inv	BOBJ1	396.45	Before	Right Exterior Girder	171.45	0.95	1	1	3.471108
HS20_str_inv	BOBJ1	396.45	After	Left Exterior Girder	171.45	0.95	1	1	3.471543
HS20_str_inv	BOBJ1	396.45	After	Interior Girder 1	171.45	0.95	1	1	3.090788
HS20_str_inv	BOBJ1	396.45	After	Interior Girder 2	171.45	0.95	1	1	3.090788
HS20_str_inv	BOBJ1	396.45	After	Right Exterior Girder	171.45	0.95	1	1	3.471543
HS20_str_inv	BOBJ1	407.9	Before	Left Exterior Girder	182.9	0.95	1	1	3.710708
HS20_str_inv	BOBJ1	407.9	Before	Interior Girder 1	182.9	0.95	1	1	3.320897
HS20_str_inv	BOBJ1	407.9	Before	Interior Girder 2	182.9	0.95	1	1	3.320897
HS20_str_inv	BOBJ1	407.9	Before	Right Exterior Girder	182.9	0.95	1	1	3.710708
HS20_str_inv	BOBJ1	407.9	After	Left Exterior Girder	182.9	0.95	1	1	3.692715
HS20_str_inv	BOBJ1	407.9	After	Interior Girder 1	182.9	0.95	1	1	3.314259
HS20_str_inv	BOBJ1	407.9	After	Interior Girder 2	182.9	0.95	1	1	3.314259
HS20_str_inv	BOBJ1	407.9	After	Right Exterior Girder	182.9	0.95	1	1	3.692715
HS20_str_inv	BOBJ1	419.3	Before	Left Exterior Girder	194.3	0.95	1	1	4.167425
HS20_str_inv	BOBJ1	419.3	Before	Interior Girder 1	194.3	0.95	1	1	3.68027
HS20_str_inv	BOBJ1	419.3	Before	Interior Girder 2	194.3	0.95	1	1	3.68027
HS20_str_inv	BOBJ1	419.3	Before	Right Exterior Girder	194.3	0.95	1	1	4.167425
HS20_str_inv	BOBJ1	419.3	After	Left Exterior Girder	194.3	0.95	1	1	4.168606
HS20_str_inv	BOBJ1	419.3	After	Interior Girder 1	194.3	0.95	1	1	3.679749
HS20_str_inv	BOBJ1	419.3	After	Interior Girder 2	194.3	0.95	1	1	3.679749
HS20_str_inv	BOBJ1	419.3	After	Right Exterior Girder	194.3	0.95	1	1	4.168606
HS20_str_inv	BOBJ1	430.7	Before	Left Exterior Girder	205.7	0.95	1	1	4.862726
HS20_str_inv	BOBJ1	430.7	Before	Interior Girder 1	205.7	0.95	1	1	4.288947
HS20_str_inv	BOBJ1	430.7	Before	Interior Girder 2	205.7	0.95	1	1	4.288946
HS20_str_inv	BOBJ1	430.7	Before	Right Exterior Girder	205.7	0.95	1	1	4.862726
HS20_str_inv	BOBJ1	430.7	After	Left Exterior Girder	205.7	0.95	1	1	4.827275
HS20_str_inv	BOBJ1	430.7	After	Interior Girder 1	205.7	0.95	1	1	4.283333
HS20_str_inv	BOBJ1	430.7	After	Interior Girder 2	205.7	0.95	1	1	4.283333
HS20_str_inv	BOBJ1	430.7	After	Right Exterior Girder	205.7	0.95	1	1	4.827275
HS20_str_inv	BOBJ1	442.15	Before	Left Exterior Girder	217.0321	0.95	1	1	5.92457
HS20_str_inv	BOBJ1	442.15	Before	Interior Girder 1	217.0321	0.95	1	1	5.132205
HS20_str_inv	BOBJ1	442.15	Before	Interior Girder 2	217.0321	0.95	1	1	5.132205
HS20_str_inv	BOBJ1	442.15	Before	Right Exterior Girder	217.0321	0.95	1	1	5.92457
HS20_str_inv	BOBJ1	442.15	After	Left Exterior Girder	217.0321	0.95	1	1	3.067936
HS20_str_inv	BOBJ1	442.15	After	Interior Girder 1	217.0321	0.95	1	1	2.613572
HS20_str_inv	BOBJ1	442.15	After	Interior Girder 2	217.0321	0.95	1	1	2.613572
HS20_str_inv	BOBJ1	442.15	After	Right Exterior Girder	217.0321	0.95	1	1	3.067936
HS20_str_inv	BOBJ1	453.6	Before	Left Exterior Girder	228.6	0.95	1	1	4.291579
HS20_str_inv	BOBJ1	453.6	Before	Interior Girder 1	228.6	0.95	1	1	3.620771
HS20_str_inv	BOBJ1	453.6	Before	Interior Girder 2	228.6	0.95	1	1	3.620771
HS20_str_inv	BOBJ1	453.6	Before	Right Exterior Girder	228.6	0.95	1	1	4.291579
HS20_str_inv	BOBJ1	453.6	After	Left Exterior Girder	228.6	0.95	1	1	4.23668
HS20_str_inv	BOBJ1	453.6	After	Interior Girder 1	228.6	0.95	1	1	3.620226
HS20_str_inv	BOBJ1	453.6	After	Interior Girder 2	228.6	0.95	1	1	3.620227
HS20_str_inv	BOBJ1	453.6	After	Right Exterior Girder	228.6	0.95	1	1	4.236679
HS20_str_inv	BOBJ1	463.0439	Before	Left Exterior Girder	238.0439	0.95	1	1	5.746518
HS20_str_inv	BOBJ1	463.0439	Before	Interior Girder 1	238.0439	0.95	1	1	4.745667
HS20_str_inv	BOBJ1	463.0439	Before	Interior Girder 2	238.0439	0.95	1	1	4.745667
HS20_str_inv	BOBJ1	463.0439	Before	Right Exterior Girder	238.0439	0.95	1	1	5.746518
HS20_str_inv	BOBJ1	463.0439	After	Left Exterior Girder	238.0439	0.95	1	1	2.197829
HS20_str_inv	BOBJ1	463.0439	After	Interior Girder 1	238.0439	0.95	1	1	1.790815
HS20_str_inv	BOBJ1	463.0439	After	Interior Girder 2	238.0439	0.95	1	1	1.790815
HS20_str_inv	BOBJ1	463.0439	After	Right Exterior Girder	238.0439	0.95	1	1	2.197829
HS20_str_inv	BOBJ1	465	Before	Left Exterior Girder	240	0.95	1	1	2.486297
HS20_str_inv	BOBJ1	465	Before	Interior Girder 1	240	0.95	1	1	1.998469
HS20_str_inv	BOBJ1	465	Before	Interior Girder 2	240	0.95	1	1	1.998469
HS20_str_inv	BOBJ1	465	Before	Right Exterior Girder	240	0.95	1	1	2.486297

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelINonCompStrgth-Flx - Main Span Girders									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
HS20_str_inv	BOBJ1	465	After	Left Exterior Girder	240	0.95	1	1	2.485645
HS20_str_inv	BOBJ1	465	After	Interior Girder 1	240	0.95	1	1	1.99959
HS20_str_inv	BOBJ1	465	After	Interior Girder 2	240	0.95	1	1	1.999591
HS20_str_inv	BOBJ1	465	After	Right Exterior Girder	240	0.95	1	1	2.485644
HS20_str_inv	BOBJ1	476.4	Before	Left Exterior Girder	251.4	0.95	1	1	4.598402
HS20_str_inv	BOBJ1	476.4	Before	Interior Girder 1	251.4	0.95	1	1	3.603896
HS20_str_inv	BOBJ1	476.4	Before	Interior Girder 2	251.4	0.95	1	1	3.603897
HS20_str_inv	BOBJ1	476.4	Before	Right Exterior Girder	251.4	0.95	1	1	4.598402
HS20_str_inv	BOBJ1	476.4	After	Left Exterior Girder	251.4	0.95	1	1	4.442631
HS20_str_inv	BOBJ1	476.4	After	Interior Girder 1	251.4	0.95	1	1	3.536861
HS20_str_inv	BOBJ1	476.4	After	Interior Girder 2	251.4	0.95	1	1	3.536862
HS20_str_inv	BOBJ1	476.4	After	Right Exterior Girder	251.4	0.95	1	1	4.442631
HS20_str_inv	BOBJ1	487.85	Before	Left Exterior Girder	262.85	0.95	1	1	5.389208
HS20_str_inv	BOBJ1	487.85	Before	Interior Girder 1	262.85	0.95	1	1	5.293635
HS20_str_inv	BOBJ1	487.85	Before	Interior Girder 2	262.85	0.95	1	1	5.293635
HS20_str_inv	BOBJ1	487.85	Before	Right Exterior Girder	262.85	0.95	1	1	5.389208
HS20_str_inv	BOBJ1	487.85	After	Left Exterior Girder	262.85	0.95	1	1	5.397979
HS20_str_inv	BOBJ1	487.85	After	Interior Girder 1	262.85	0.95	1	1	5.285227
HS20_str_inv	BOBJ1	487.85	After	Interior Girder 2	262.85	0.95	1	1	5.285227
HS20_str_inv	BOBJ1	487.85	After	Right Exterior Girder	262.85	0.95	1	1	5.397979
HS20_str_inv	BOBJ1	496.3126	Before	Left Exterior Girder	271.3126	0.95	1	1	3.369864
HS20_str_inv	BOBJ1	496.3126	Before	Interior Girder 1	271.3126	0.95	1	1	3.291299
HS20_str_inv	BOBJ1	496.3126	Before	Interior Girder 2	271.3126	0.95	1	1	3.291299
HS20_str_inv	BOBJ1	496.3126	Before	Right Exterior Girder	271.3126	0.95	1	1	3.369864
HS20_str_inv	BOBJ1	496.3126	After	Left Exterior Girder	271.3126	0.95	1	1	8.934774
HS20_str_inv	BOBJ1	496.3126	After	Interior Girder 1	271.3126	0.95	1	1	8.523381
HS20_str_inv	BOBJ1	496.3126	After	Interior Girder 2	271.3126	0.95	1	1	8.523381
HS20_str_inv	BOBJ1	496.3126	After	Right Exterior Girder	271.3126	0.95	1	1	8.934774
HS20_str_inv	BOBJ1	499.3	Before	Left Exterior Girder	274.3	0.95	1	1	8.152194
HS20_str_inv	BOBJ1	499.3	Before	Interior Girder 1	274.3	0.95	1	1	7.742728
HS20_str_inv	BOBJ1	499.3	Before	Interior Girder 2	274.3	0.95	1	1	7.742728
HS20_str_inv	BOBJ1	499.3	Before	Right Exterior Girder	274.3	0.95	1	1	8.152194
HS20_str_inv	BOBJ1	499.3	After	Left Exterior Girder	274.3	0.95	1	1	6.952692
HS20_str_inv	BOBJ1	499.3	After	Interior Girder 1	274.3	0.95	1	1	6.606461
HS20_str_inv	BOBJ1	499.3	After	Interior Girder 2	274.3	0.95	1	1	6.606461
HS20_str_inv	BOBJ1	499.3	After	Right Exterior Girder	274.3	0.95	1	1	6.952692
HS20_str_inv	BOBJ1	503.8969	Before	Left Exterior Girder	278.8969	0.95	1	1	5.800456
HS20_str_inv	BOBJ1	503.8969	Before	Interior Girder 1	278.8969	0.95	1	1	5.45419
HS20_str_inv	BOBJ1	503.8969	Before	Interior Girder 2	278.8969	0.95	1	1	5.45419
HS20_str_inv	BOBJ1	503.8969	Before	Right Exterior Girder	278.8969	0.95	1	1	5.800456
HS20_str_inv	BOBJ1	503.8969	After	Left Exterior Girder	278.8969	0.95	1	1	11.201378
HS20_str_inv	BOBJ1	503.8969	After	Interior Girder 1	278.8969	0.95	1	1	10.52039
HS20_str_inv	BOBJ1	503.8969	After	Interior Girder 2	278.8969	0.95	1	1	10.52039
HS20_str_inv	BOBJ1	503.8969	After	Right Exterior Girder	278.8969	0.95	1	1	11.201378
HS20_str_inv	BOBJ1	510.7	Before	Left Exterior Girder	285.7	0.95	1	1	9.370697
HS20_str_inv	BOBJ1	510.7	Before	Interior Girder 1	285.7	0.95	1	1	8.660962
HS20_str_inv	BOBJ1	510.7	Before	Interior Girder 2	285.7	0.95	1	1	8.660962
HS20_str_inv	BOBJ1	510.7	Before	Right Exterior Girder	285.7	0.95	1	1	9.370697
HS20_str_inv	BOBJ1	510.7	After	Left Exterior Girder	285.7	0.95	1	1	9.377312
HS20_str_inv	BOBJ1	510.7	After	Interior Girder 1	285.7	0.95	1	1	8.655092
HS20_str_inv	BOBJ1	510.7	After	Interior Girder 2	285.7	0.95	1	1	8.655092
HS20_str_inv	BOBJ1	510.7	After	Right Exterior Girder	285.7	0.95	1	1	9.377312
HS20_str_inv	BOBJ1	511.4811	Before	Left Exterior Girder	286.4811	0.95	1	1	9.162411
HS20_str_inv	BOBJ1	511.4811	Before	Interior Girder 1	286.4811	0.95	1	1	8.450188
HS20_str_inv	BOBJ1	511.4811	Before	Interior Girder 2	286.4811	0.95	1	1	8.450187
HS20_str_inv	BOBJ1	511.4811	Before	Right Exterior Girder	286.4811	0.95	1	1	9.162411
HS20_str_inv	BOBJ1	511.4811	After	Left Exterior Girder	286.4811	0.95	1	1	13.503051
HS20_str_inv	BOBJ1	511.4811	After	Interior Girder 1	286.4811	0.95	1	1	12.553893
HS20_str_inv	BOBJ1	511.4811	After	Interior Girder 2	286.4811	0.95	1	1	12.553893
HS20_str_inv	BOBJ1	511.4811	After	Right Exterior Girder	286.4811	0.95	1	1	13.503051
HS20_str_inv	BOBJ1	522.1	Before	Left Exterior Girder	297.1	0.95	1	1	9.4067
HS20_str_inv	BOBJ1	522.1	Before	Interior Girder 1	297.1	0.95	1	1	9.510588
HS20_str_inv	BOBJ1	522.1	Before	Interior Girder 2	297.1	0.95	1	1	9.510588
HS20_str_inv	BOBJ1	522.1	Before	Right Exterior Girder	297.1	0.95	1	1	9.4067
HS20_str_inv	BOBJ1	522.1	After	Left Exterior Girder	297.1	0.95	1	1	9.66735
HS20_str_inv	BOBJ1	522.1	After	Interior Girder 1	297.1	0.95	1	1	9.520279
HS20_str_inv	BOBJ1	522.1	After	Interior Girder 2	297.1	0.95	1	1	9.520278
HS20_str_inv	BOBJ1	522.1	After	Right Exterior Girder	297.1	0.95	1	1	9.66735

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelNonCompStrgth-Flx - Main Span Girders									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
HS20_str_inv	BOBJ1	530.4918	Before	Left Exterior Girder	305.4918	0.95	1	1	6.337874
HS20_str_inv	BOBJ1	530.4918	Before	Interior Girder 1	305.4918	0.95	1	1	6.305702
HS20_str_inv	BOBJ1	530.4918	Before	Interior Girder 2	305.4918	0.95	1	1	6.305702
HS20_str_inv	BOBJ1	530.4918	Before	Right Exterior Girder	305.4918	0.95	1	1	6.337874
HS20_str_inv	BOBJ1	530.4918	After	Left Exterior Girder	305.4918	0.95	1	1	9.654094
HS20_str_inv	BOBJ1	530.4918	After	Interior Girder 1	305.4918	0.95	1	1	9.613294
HS20_str_inv	BOBJ1	530.4918	After	Interior Girder 2	305.4918	0.95	1	1	9.613295
HS20_str_inv	BOBJ1	530.4918	After	Right Exterior Girder	305.4918	0.95	1	1	9.654094
HS20_str_inv	BOBJ1	533.55	Before	Left Exterior Girder	308.55	0.95	1	1	8.40563
HS20_str_inv	BOBJ1	533.55	Before	Interior Girder 1	308.55	0.95	1	1	8.311079
HS20_str_inv	BOBJ1	533.55	Before	Interior Girder 2	308.55	0.95	1	1	8.311079
HS20_str_inv	BOBJ1	533.55	Before	Right Exterior Girder	308.55	0.95	1	1	8.40563
HS20_str_inv	BOBJ1	533.55	After	Left Exterior Girder	308.55	0.95	1	1	8.388077
HS20_str_inv	BOBJ1	533.55	After	Interior Girder 1	308.55	0.95	1	1	8.307051
HS20_str_inv	BOBJ1	533.55	After	Interior Girder 2	308.55	0.95	1	1	8.307052
HS20_str_inv	BOBJ1	533.55	After	Right Exterior Girder	308.55	0.95	1	1	8.388077
HS20_str_inv	BOBJ1	545	Before	Left Exterior Girder	320	0.95	1	1	4.718905
HS20_str_inv	BOBJ1	545	Before	Interior Girder 1	320	0.95	1	1	4.325007
HS20_str_inv	BOBJ1	545	Before	Interior Girder 2	320	0.95	1	1	4.325007
HS20_str_inv	BOBJ1	545	Before	Right Exterior Girder	320	0.95	1	1	4.718905
HS20_str_inv	BOBJ1	545	After	Left Exterior Girder	0	0.95	1	1	5.009876
HS20_str_inv	BOBJ1	545	After	Interior Girder 1	0	0.95	1	1	4.501999
HS20_str_inv	BOBJ1	545	After	Interior Girder 2	0	0.95	1	1	4.501999
HS20_str_inv	BOBJ1	545	After	Right Exterior Girder	0	0.95	1	1	5.009875
HS20_str_inv	BOBJ1	556.25	Before	Left Exterior Girder	11.25	0.95	1	1	8.316833
HS20_str_inv	BOBJ1	556.25	Before	Interior Girder 1	11.25	0.95	1	1	7.817875
HS20_str_inv	BOBJ1	556.25	Before	Interior Girder 2	11.25	0.95	1	1	7.817875
HS20_str_inv	BOBJ1	556.25	Before	Right Exterior Girder	11.25	0.95	1	1	8.316833
HS20_str_inv	BOBJ1	556.25	After	Left Exterior Girder	11.25	0.95	1	1	8.326287
HS20_str_inv	BOBJ1	556.25	After	Interior Girder 1	11.25	0.95	1	1	7.8317
HS20_str_inv	BOBJ1	556.25	After	Interior Girder 2	11.25	0.95	1	1	7.8317
HS20_str_inv	BOBJ1	556.25	After	Right Exterior Girder	11.25	0.95	1	1	8.326287
HS20_str_inv	BOBJ1	559.4358	Before	Left Exterior Girder	14.4358	0.95	1	1	9.35279
HS20_str_inv	BOBJ1	559.4358	Before	Interior Girder 1	14.4358	0.95	1	1	8.927264
HS20_str_inv	BOBJ1	559.4358	Before	Interior Girder 2	14.4358	0.95	1	1	8.927264
HS20_str_inv	BOBJ1	559.4358	Before	Right Exterior Girder	14.4358	0.95	1	1	9.35279
HS20_str_inv	BOBJ1	559.4358	After	Left Exterior Girder	14.4358	0.95	1	1	6.08247
HS20_str_inv	BOBJ1	559.4358	After	Interior Girder 1	14.4358	0.95	1	1	5.788482
HS20_str_inv	BOBJ1	559.4358	After	Interior Girder 2	14.4358	0.95	1	1	5.788482
HS20_str_inv	BOBJ1	559.4358	After	Right Exterior Girder	14.4358	0.95	1	1	6.08247
HS20_str_inv	BOBJ1	567.5	Before	Left Exterior Girder	22.5	0.95	1	1	8.389851
HS20_str_inv	BOBJ1	567.5	Before	Interior Girder 1	22.5	0.95	1	1	7.690079
HS20_str_inv	BOBJ1	567.5	Before	Interior Girder 2	22.5	0.95	1	1	7.690079
HS20_str_inv	BOBJ1	567.5	Before	Right Exterior Girder	22.5	0.95	1	1	8.389851
HS20_str_inv	BOBJ1	567.5	After	Left Exterior Girder	22.5	0.95	1	1	9.062657
HS20_str_inv	BOBJ1	567.5	After	Interior Girder 1	22.5	0.95	1	1	8.445836
HS20_str_inv	BOBJ1	567.5	After	Interior Girder 2	22.5	0.95	1	1	8.445836
HS20_str_inv	BOBJ1	567.5	After	Right Exterior Girder	22.5	0.95	1	1	9.062657
HS20_str_inv	BOBJ1	570.0586	Before	Left Exterior Girder	25.0586	0.95	1	1	9.889286
HS20_str_inv	BOBJ1	570.0586	Before	Interior Girder 1	25.0586	0.95	1	1	9.012254
HS20_str_inv	BOBJ1	570.0586	Before	Interior Girder 2	25.0586	0.95	1	1	9.012254
HS20_str_inv	BOBJ1	570.0586	Before	Right Exterior Girder	25.0586	0.95	1	1	9.889285
HS20_str_inv	BOBJ1	570.0586	After	Left Exterior Girder	25.0586	0.95	1	1	5.925581
HS20_str_inv	BOBJ1	570.0586	After	Interior Girder 1	25.0586	0.95	1	1	5.390723
HS20_str_inv	BOBJ1	570.0586	After	Interior Girder 2	25.0586	0.95	1	1	5.390723
HS20_str_inv	BOBJ1	570.0586	After	Right Exterior Girder	25.0586	0.95	1	1	5.92558
HS20_str_inv	BOBJ1	578.75	Before	Left Exterior Girder	33.75	0.95	1	1	7.782332
HS20_str_inv	BOBJ1	578.75	Before	Interior Girder 1	33.75	0.95	1	1	7.173217
HS20_str_inv	BOBJ1	578.75	Before	Interior Girder 2	33.75	0.95	1	1	7.173217
HS20_str_inv	BOBJ1	578.75	Before	Right Exterior Girder	33.75	0.95	1	1	7.782332
HS20_str_inv	BOBJ1	578.75	After	Left Exterior Girder	33.75	0.95	1	1	7.763941
HS20_str_inv	BOBJ1	578.75	After	Interior Girder 1	33.75	0.95	1	1	7.186346
HS20_str_inv	BOBJ1	578.75	After	Interior Girder 2	33.75	0.95	1	1	7.186346
HS20_str_inv	BOBJ1	578.75	After	Right Exterior Girder	33.75	0.95	1	1	7.763941
HS20_str_inv	BOBJ1	586.8142	Before	Left Exterior Girder	41.8142	0.95	1	1	9.452833
HS20_str_inv	BOBJ1	586.8142	Before	Interior Girder 1	41.8142	0.95	1	1	8.901609
HS20_str_inv	BOBJ1	586.8142	Before	Interior Girder 2	41.8142	0.95	1	1	8.901609
HS20_str_inv	BOBJ1	586.8142	Before	Right Exterior Girder	41.8142	0.95	1	1	9.452833

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelINonCompStrgth-Flx - Main Span Girders									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
HS20_str_inv	BOBJ1	586.8142	After	Left Exterior Girder	41.8142	0.95	1	1	4.403446
HS20_str_inv	BOBJ1	586.8142	After	Interior Girder 1	41.8142	0.95	1	1	4.143156
HS20_str_inv	BOBJ1	586.8142	After	Interior Girder 2	41.8142	0.95	1	1	4.143156
HS20_str_inv	BOBJ1	586.8142	After	Right Exterior Girder	41.8142	0.95	1	1	4.403446
HS20_str_inv	BOBJ1	590	Before	Left Exterior Girder	45	0.95	1	1	4.995794
HS20_str_inv	BOBJ1	590	Before	Interior Girder 1	45	0.95	1	1	4.739756
HS20_str_inv	BOBJ1	590	Before	Interior Girder 2	45	0.95	1	1	4.739756
HS20_str_inv	BOBJ1	590	Before	Right Exterior Girder	45	0.95	1	1	4.995794
HS20_str_inv	BOBJ1	590	After	Left Exterior Girder	45	0.95	1	1	3.212326
HS20_str_inv	BOBJ1	590	After	Interior Girder 1	45	0.95	1	1	3.068409
HS20_str_inv	BOBJ1	590	After	Interior Girder 2	45	0.95	1	1	3.068409
HS20_str_inv	BOBJ1	590	After	Right Exterior Girder	45	0.95	1	1	3.212326
HS20_str_inv	BOBJ1	601.25	Before	Left Exterior Girder	56.25	0.95	1	1	5.242736
HS20_str_inv	BOBJ1	601.25	Before	Interior Girder 1	56.25	0.95	1	1	5.08368
HS20_str_inv	BOBJ1	601.25	Before	Interior Girder 2	56.25	0.95	1	1	5.08368
HS20_str_inv	BOBJ1	601.25	Before	Right Exterior Girder	56.25	0.95	1	1	5.242736
HS20_str_inv	BOBJ1	601.25	After	Left Exterior Girder	56.25	0.95	1	1	5.231482
HS20_str_inv	BOBJ1	601.25	After	Interior Girder 1	56.25	0.95	1	1	5.094009
HS20_str_inv	BOBJ1	601.25	After	Interior Girder 2	56.25	0.95	1	1	5.094009
HS20_str_inv	BOBJ1	601.25	After	Right Exterior Girder	56.25	0.95	1	1	5.231482
HS20_str_inv	BOBJ1	601.7478	Before	Left Exterior Girder	56.7478	0.95	1	1	5.323273
HS20_str_inv	BOBJ1	601.7478	Before	Interior Girder 1	56.7478	0.95	1	1	5.186056
HS20_str_inv	BOBJ1	601.7478	Before	Interior Girder 2	56.7478	0.95	1	1	5.186056
HS20_str_inv	BOBJ1	601.7478	Before	Right Exterior Girder	56.7478	0.95	1	1	5.323273
HS20_str_inv	BOBJ1	601.7478	After	Left Exterior Girder	56.7478	0.95	1	1	1.692123
HS20_str_inv	BOBJ1	601.7478	After	Interior Girder 1	56.7478	0.95	1	1	1.666502
HS20_str_inv	BOBJ1	601.7478	After	Interior Girder 2	56.7478	0.95	1	1	1.666502
HS20_str_inv	BOBJ1	601.7478	After	Right Exterior Girder	56.7478	0.95	1	1	1.692123
HS20_str_inv	BOBJ1	612.5	Before	Left Exterior Girder	67.5	0.95	1	1	3.470084
HS20_str_inv	BOBJ1	612.5	Before	Interior Girder 1	67.5	0.95	1	1	3.437701
HS20_str_inv	BOBJ1	612.5	Before	Interior Girder 2	67.5	0.95	1	1	3.437701
HS20_str_inv	BOBJ1	612.5	Before	Right Exterior Girder	67.5	0.95	1	1	3.470084
HS20_str_inv	BOBJ1	612.5	After	Left Exterior Girder	67.5	0.95	1	1	4.883999
HS20_str_inv	BOBJ1	612.5	After	Interior Girder 1	67.5	0.95	1	1	4.863458
HS20_str_inv	BOBJ1	612.5	After	Interior Girder 2	67.5	0.95	1	1	4.863458
HS20_str_inv	BOBJ1	612.5	After	Right Exterior Girder	67.5	0.95	1	1	4.883999
HS20_str_inv	BOBJ1	623.75	Before	Left Exterior Girder	78.75	0.95	1	1	4.531333
HS20_str_inv	BOBJ1	623.75	Before	Interior Girder 1	78.75	0.95	1	1	3.783574
HS20_str_inv	BOBJ1	623.75	Before	Interior Girder 2	78.75	0.95	1	1	3.783574
HS20_str_inv	BOBJ1	623.75	Before	Right Exterior Girder	78.75	0.95	1	1	4.531333
HS20_str_inv	BOBJ1	623.75	After	Left Exterior Girder	78.75	0.95	1	1	4.535325
HS20_str_inv	BOBJ1	623.75	After	Interior Girder 1	78.75	0.95	1	1	3.780966
HS20_str_inv	BOBJ1	623.75	After	Interior Girder 2	78.75	0.95	1	1	3.780966
HS20_str_inv	BOBJ1	623.75	After	Right Exterior Girder	78.75	0.95	1	1	4.535325
HS20_str_inv	BOBJ1	635	Before	Left Exterior Girder	90	0.95	1	1	3.161272
HS20_str_inv	BOBJ1	635	Before	Interior Girder 1	90	0.95	1	1	2.764943
HS20_str_inv	BOBJ1	635	Before	Interior Girder 2	90	0.95	1	1	2.764943
HS20_str_inv	BOBJ1	635	Before	Right Exterior Girder	90	0.95	1	1	3.161272
HS20_str_inv	BOBJ1	635	After	Left Exterior Girder	90	0.95	1	1	3.218535
HS20_str_inv	BOBJ1	635	After	Interior Girder 1	90	0.95	1	1	2.779637
HS20_str_inv	BOBJ1	635	After	Interior Girder 2	90	0.95	1	1	2.779636
HS20_str_inv	BOBJ1	635	After	Right Exterior Girder	90	0.95	1	1	3.218535
HS20_str_inv	BOBJ1	643.5619	Before	Left Exterior Girder	98.5619	0.95	1	1	2.514005
HS20_str_inv	BOBJ1	643.5619	Before	Interior Girder 1	98.5619	0.95	1	1	2.194606
HS20_str_inv	BOBJ1	643.5619	Before	Interior Girder 2	98.5619	0.95	1	1	2.194606
HS20_str_inv	BOBJ1	643.5619	Before	Right Exterior Girder	98.5619	0.95	1	1	2.514005
HS20_str_inv	BOBJ1	643.5619	After	Left Exterior Girder	98.5619	0.95	1	1	4.75767
HS20_str_inv	BOBJ1	643.5619	After	Interior Girder 1	98.5619	0.95	1	1	4.148745
HS20_str_inv	BOBJ1	643.5619	After	Interior Girder 2	98.5619	0.95	1	1	4.148744
HS20_str_inv	BOBJ1	643.5619	After	Right Exterior Girder	98.5619	0.95	1	1	4.757671
HS20_str_inv	BOBJ1	646.25	Before	Left Exterior Girder	101.25	0.95	1	1	4.522888
HS20_str_inv	BOBJ1	646.25	Before	Interior Girder 1	101.25	0.95	1	1	3.961231
HS20_str_inv	BOBJ1	646.25	Before	Interior Girder 2	101.25	0.95	1	1	3.961231
HS20_str_inv	BOBJ1	646.25	Before	Right Exterior Girder	101.25	0.95	1	1	4.522888
HS20_str_inv	BOBJ1	646.25	After	Left Exterior Girder	101.25	0.95	1	1	4.520759
HS20_str_inv	BOBJ1	646.25	After	Interior Girder 1	101.25	0.95	1	1	3.963199
HS20_str_inv	BOBJ1	646.25	After	Interior Girder 2	101.25	0.95	1	1	3.963199
HS20_str_inv	BOBJ1	646.25	After	Right Exterior Girder	101.25	0.95	1	1	4.520759

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelINonCompStrgth-Flx - Main Span Girders									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
HS20_str_inv	BOBJ1	657.5	Before	Left Exterior Girder	112.5	0.95	1	1	3.750402
HS20_str_inv	BOBJ1	657.5	Before	Interior Girder 1	112.5	0.95	1	1	3.376917
HS20_str_inv	BOBJ1	657.5	Before	Interior Girder 2	112.5	0.95	1	1	3.376917
HS20_str_inv	BOBJ1	657.5	Before	Right Exterior Girder	112.5	0.95	1	1	3.750402
HS20_str_inv	BOBJ1	657.5	After	Left Exterior Girder	112.5	0.95	1	1	3.775022
HS20_str_inv	BOBJ1	657.5	After	Interior Girder 1	112.5	0.95	1	1	3.381954
HS20_str_inv	BOBJ1	657.5	After	Interior Girder 2	112.5	0.95	1	1	3.381954
HS20_str_inv	BOBJ1	657.5	After	Right Exterior Girder	112.5	0.95	1	1	3.775022
HS20_str_inv	BOBJ1	668.75	Before	Left Exterior Girder	123.75	0.95	1	1	3.323263
HS20_str_inv	BOBJ1	668.75	Before	Interior Girder 1	123.75	0.95	1	1	2.976234
HS20_str_inv	BOBJ1	668.75	Before	Interior Girder 2	123.75	0.95	1	1	2.976234
HS20_str_inv	BOBJ1	668.75	Before	Right Exterior Girder	123.75	0.95	1	1	3.323263
HS20_str_inv	BOBJ1	668.75	After	Left Exterior Girder	123.75	0.95	1	1	3.327508
HS20_str_inv	BOBJ1	668.75	After	Interior Girder 1	123.75	0.95	1	1	2.980716
HS20_str_inv	BOBJ1	668.75	After	Interior Girder 2	123.75	0.95	1	1	2.980716
HS20_str_inv	BOBJ1	668.75	After	Right Exterior Girder	123.75	0.95	1	1	3.327508
HS20_str_inv	BOBJ1	680	Before	Left Exterior Girder	135	0.95	1	1	3.05259
HS20_str_inv	BOBJ1	680	Before	Interior Girder 1	135	0.95	1	1	2.776746
HS20_str_inv	BOBJ1	680	Before	Interior Girder 2	135	0.95	1	1	2.776746
HS20_str_inv	BOBJ1	680	Before	Right Exterior Girder	135	0.95	1	1	3.05259
HS20_str_inv	BOBJ1	680	After	Left Exterior Girder	135	0.95	1	1	3.050587
HS20_str_inv	BOBJ1	680	After	Interior Girder 1	135	0.95	1	1	2.775507
HS20_str_inv	BOBJ1	680	After	Interior Girder 2	135	0.95	1	1	2.775507
HS20_str_inv	BOBJ1	680	After	Right Exterior Girder	135	0.95	1	1	3.050587
HS20_str_inv	BOBJ1	691.25	Before	Left Exterior Girder	146.25	0.95	1	1	2.993624
HS20_str_inv	BOBJ1	691.25	Before	Interior Girder 1	146.25	0.95	1	1	2.676749
HS20_str_inv	BOBJ1	691.25	Before	Interior Girder 2	146.25	0.95	1	1	2.676749
HS20_str_inv	BOBJ1	691.25	Before	Right Exterior Girder	146.25	0.95	1	1	2.993624
HS20_str_inv	BOBJ1	691.25	After	Left Exterior Girder	146.25	0.95	1	1	2.995826
HS20_str_inv	BOBJ1	691.25	After	Interior Girder 1	146.25	0.95	1	1	2.674351
HS20_str_inv	BOBJ1	691.25	After	Interior Girder 2	146.25	0.95	1	1	2.674351
HS20_str_inv	BOBJ1	691.25	After	Right Exterior Girder	146.25	0.95	1	1	2.995826
HS20_str_inv	BOBJ1	702.5	Before	Left Exterior Girder	157.5	0.95	1	1	3.11439
HS20_str_inv	BOBJ1	702.5	Before	Interior Girder 1	157.5	0.95	1	1	2.769633
HS20_str_inv	BOBJ1	702.5	Before	Interior Girder 2	157.5	0.95	1	1	2.769633
HS20_str_inv	BOBJ1	702.5	Before	Right Exterior Girder	157.5	0.95	1	1	3.11439
HS20_str_inv	BOBJ1	702.5	After	Left Exterior Girder	157.5	0.95	1	1	3.086015
HS20_str_inv	BOBJ1	702.5	After	Interior Girder 1	157.5	0.95	1	1	2.780404
HS20_str_inv	BOBJ1	702.5	After	Interior Girder 2	157.5	0.95	1	1	2.780404
HS20_str_inv	BOBJ1	702.5	After	Right Exterior Girder	157.5	0.95	1	1	3.086014
HS20_str_inv	BOBJ1	713.75	Before	Left Exterior Girder	168.75	0.95	1	1	3.486557
HS20_str_inv	BOBJ1	713.75	Before	Interior Girder 1	168.75	0.95	1	1	3.012389
HS20_str_inv	BOBJ1	713.75	Before	Interior Girder 2	168.75	0.95	1	1	3.012389
HS20_str_inv	BOBJ1	713.75	Before	Right Exterior Girder	168.75	0.95	1	1	3.486557
HS20_str_inv	BOBJ1	713.75	After	Left Exterior Girder	168.75	0.95	1	1	3.486731
HS20_str_inv	BOBJ1	713.75	After	Interior Girder 1	168.75	0.95	1	1	3.012482
HS20_str_inv	BOBJ1	713.75	After	Interior Girder 2	168.75	0.95	1	1	3.012482
HS20_str_inv	BOBJ1	713.75	After	Right Exterior Girder	168.75	0.95	1	1	3.486731
HS20_str_inv	BOBJ1	725	Before	Left Exterior Girder	180	0.95	1	1	4.234345
HS20_str_inv	BOBJ1	725	Before	Interior Girder 1	180	0.95	1	1	3.561529
HS20_str_inv	BOBJ1	725	Before	Interior Girder 2	180	0.95	1	1	3.56153
HS20_str_inv	BOBJ1	725	Before	Right Exterior Girder	180	0.95	1	1	4.234344
HS20_str_inv	BOBJ1	725	After	Left Exterior Girder	180	0.95	1	1	4.180122
HS20_str_inv	BOBJ1	725	After	Interior Girder 1	180	0.95	1	1	3.594746
HS20_str_inv	BOBJ1	725	After	Interior Girder 2	180	0.95	1	1	3.594746
HS20_str_inv	BOBJ1	725	After	Right Exterior Girder	180	0.95	1	1	4.180122
HS20_str_inv	BOBJ1	731.1726	Before	Left Exterior Girder	186.1726	0.95	1	1	4.877446
HS20_str_inv	BOBJ1	731.1726	Before	Interior Girder 1	186.1726	0.95	1	1	4.021801
HS20_str_inv	BOBJ1	731.1726	Before	Interior Girder 2	186.1726	0.95	1	1	4.021801
HS20_str_inv	BOBJ1	731.1726	Before	Right Exterior Girder	186.1726	0.95	1	1	4.877446
HS20_str_inv	BOBJ1	731.1726	After	Left Exterior Girder	186.1726	0.95	1	1	2.094942
HS20_str_inv	BOBJ1	731.1726	After	Interior Girder 1	186.1726	0.95	1	1	1.718709
HS20_str_inv	BOBJ1	731.1726	After	Interior Girder 2	186.1726	0.95	1	1	1.718709
HS20_str_inv	BOBJ1	731.1726	After	Right Exterior Girder	186.1726	0.95	1	1	2.094942
HS20_str_inv	BOBJ1	736.25	Before	Left Exterior Girder	191.25	0.95	1	1	2.579147
HS20_str_inv	BOBJ1	736.25	Before	Interior Girder 1	191.25	0.95	1	1	2.035782
HS20_str_inv	BOBJ1	736.25	Before	Interior Girder 2	191.25	0.95	1	1	2.035782
HS20_str_inv	BOBJ1	736.25	Before	Right Exterior Girder	191.25	0.95	1	1	2.579147

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelINonCompStrgth-Flx - Main Span Girders									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
HS20_str_inv	BOBJ1	736.25	After	Left Exterior Girder	191.25	0.95	1	1	2.571676
HS20_str_inv	BOBJ1	736.25	After	Interior Girder 1	191.25	0.95	1	1	2.034798
HS20_str_inv	BOBJ1	736.25	After	Interior Girder 2	191.25	0.95	1	1	2.034798
HS20_str_inv	BOBJ1	736.25	After	Right Exterior Girder	191.25	0.95	1	1	2.571676
HS20_str_inv	BOBJ1	747.5	Before	Left Exterior Girder	202.5	0.95	1	1	4.476008
HS20_str_inv	BOBJ1	747.5	Before	Interior Girder 1	202.5	0.95	1	1	3.295903
HS20_str_inv	BOBJ1	747.5	Before	Interior Girder 2	202.5	0.95	1	1	3.295903
HS20_str_inv	BOBJ1	747.5	Before	Right Exterior Girder	202.5	0.95	1	1	4.476008
HS20_str_inv	BOBJ1	747.5	After	Left Exterior Girder	202.5	0.95	1	1	4.292255
HS20_str_inv	BOBJ1	747.5	After	Interior Girder 1	202.5	0.95	1	1	3.252152
HS20_str_inv	BOBJ1	747.5	After	Interior Girder 2	202.5	0.95	1	1	3.252152
HS20_str_inv	BOBJ1	747.5	After	Right Exterior Girder	202.5	0.95	1	1	4.292255
HS20_str_inv	BOBJ1	758.75	Before	Left Exterior Girder	213.75	0.95	1	1	10.110979
HS20_str_inv	BOBJ1	758.75	Before	Interior Girder 1	213.75	0.95	1	1	6.767321
HS20_str_inv	BOBJ1	758.75	Before	Interior Girder 2	213.75	0.95	1	1	6.767321
HS20_str_inv	BOBJ1	758.75	Before	Right Exterior Girder	213.75	0.95	1	1	10.110975
HS20_str_inv	BOBJ1	758.75	After	Left Exterior Girder	213.75	0.95	1	1	10.078221
HS20_str_inv	BOBJ1	758.75	After	Interior Girder 1	213.75	0.95	1	1	6.678192
HS20_str_inv	BOBJ1	758.75	After	Interior Girder 2	213.75	0.95	1	1	6.678192
HS20_str_inv	BOBJ1	758.75	After	Right Exterior Girder	213.75	0.95	1	1	10.078219
HS20_str_inv	BOBJ1	770	Before	Left Exterior Girder	225	0.95	1	1	208.487323
HS20_str_inv	BOBJ1	770	Before	Interior Girder 1	225	0.95	1	1	173.17213
HS20_str_inv	BOBJ1	770	Before	Interior Girder 2	225	0.95	1	1	173.171522
HS20_str_inv	BOBJ1	770	Before	Right Exterior Girder	225	0.95	1	1	208.488367
HS15_str_opr	BOBJ1	0	After	Left Exterior Girder	0	0.95	1	1	360.350333
HS15_str_opr	BOBJ1	0	After	Interior Girder 1	0	0.95	1	1	299.309827
HS15_str_opr	BOBJ1	0	After	Interior Girder 2	0	0.95	1	1	299.309495
HS15_str_opr	BOBJ1	0	After	Right Exterior Girder	0	0.95	1	1	360.350321
HS15_str_opr	BOBJ1	11.25	Before	Left Exterior Girder	11.25	0.95	1	1	17.419144
HS15_str_opr	BOBJ1	11.25	Before	Interior Girder 1	11.25	0.95	1	1	11.542554
HS15_str_opr	BOBJ1	11.25	Before	Interior Girder 2	11.25	0.95	1	1	11.542556
HS15_str_opr	BOBJ1	11.25	Before	Right Exterior Girder	11.25	0.95	1	1	17.419143
HS15_str_opr	BOBJ1	11.25	After	Left Exterior Girder	11.25	0.95	1	1	17.475761
HS15_str_opr	BOBJ1	11.25	After	Interior Girder 1	11.25	0.95	1	1	11.696603
HS15_str_opr	BOBJ1	11.25	After	Interior Girder 2	11.25	0.95	1	1	11.696605
HS15_str_opr	BOBJ1	11.25	After	Right Exterior Girder	11.25	0.95	1	1	17.47576
HS15_str_opr	BOBJ1	22.5	Before	Left Exterior Girder	22.5	0.95	1	1	7.418712
HS15_str_opr	BOBJ1	22.5	Before	Interior Girder 1	22.5	0.95	1	1	5.621004
HS15_str_opr	BOBJ1	22.5	Before	Interior Girder 2	22.5	0.95	1	1	5.621005
HS15_str_opr	BOBJ1	22.5	Before	Right Exterior Girder	22.5	0.95	1	1	7.418712
HS15_str_opr	BOBJ1	22.5	After	Left Exterior Girder	22.5	0.95	1	1	7.736309
HS15_str_opr	BOBJ1	22.5	After	Interior Girder 1	22.5	0.95	1	1	5.696622
HS15_str_opr	BOBJ1	22.5	After	Interior Girder 2	22.5	0.95	1	1	5.696623
HS15_str_opr	BOBJ1	22.5	After	Right Exterior Girder	22.5	0.95	1	1	7.736309
HS15_str_opr	BOBJ1	33.75	Before	Left Exterior Girder	33.75	0.95	1	1	4.444873
HS15_str_opr	BOBJ1	33.75	Before	Interior Girder 1	33.75	0.95	1	1	3.516935
HS15_str_opr	BOBJ1	33.75	Before	Interior Girder 2	33.75	0.95	1	1	3.516935
HS15_str_opr	BOBJ1	33.75	Before	Right Exterior Girder	33.75	0.95	1	1	4.444873
HS15_str_opr	BOBJ1	33.75	After	Left Exterior Girder	33.75	0.95	1	1	4.457785
HS15_str_opr	BOBJ1	33.75	After	Interior Girder 1	33.75	0.95	1	1	3.518635
HS15_str_opr	BOBJ1	33.75	After	Interior Girder 2	33.75	0.95	1	1	3.518635
HS15_str_opr	BOBJ1	33.75	After	Right Exterior Girder	33.75	0.95	1	1	4.457785
HS15_str_opr	BOBJ1	38.8274	Before	Left Exterior Girder	38.8274	0.95	1	1	3.620887
HS15_str_opr	BOBJ1	38.8274	Before	Interior Girder 1	38.8274	0.95	1	1	2.970608
HS15_str_opr	BOBJ1	38.8274	Before	Interior Girder 2	38.8274	0.95	1	1	2.970608
HS15_str_opr	BOBJ1	38.8274	Before	Right Exterior Girder	38.8274	0.95	1	1	3.620887
HS15_str_opr	BOBJ1	38.8274	After	Left Exterior Girder	38.8274	0.95	1	1	8.430154
HS15_str_opr	BOBJ1	38.8274	After	Interior Girder 1	38.8274	0.95	1	1	6.951261
HS15_str_opr	BOBJ1	38.8274	After	Interior Girder 2	38.8274	0.95	1	1	6.951262
HS15_str_opr	BOBJ1	38.8274	After	Right Exterior Girder	38.8274	0.95	1	1	8.430154
HS15_str_opr	BOBJ1	45	Before	Left Exterior Girder	45	0.95	1	1	7.224902
HS15_str_opr	BOBJ1	45	Before	Interior Girder 1	45	0.95	1	1	6.213141
HS15_str_opr	BOBJ1	45	Before	Interior Girder 2	45	0.95	1	1	6.213141
HS15_str_opr	BOBJ1	45	Before	Right Exterior Girder	45	0.95	1	1	7.224903
HS15_str_opr	BOBJ1	45	After	Left Exterior Girder	45	0.95	1	1	7.31862
HS15_str_opr	BOBJ1	45	After	Interior Girder 1	45	0.95	1	1	6.15573
HS15_str_opr	BOBJ1	45	After	Interior Girder 2	45	0.95	1	1	6.15573
HS15_str_opr	BOBJ1	45	After	Right Exterior Girder	45	0.95	1	1	7.31862

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelINonCompStrgth-Flx - Main Span Girders									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
HS15_str_opr	BOBJ1	56.25	Before	Left Exterior Girder	56.25	0.95	1	1	6.026449
HS15_str_opr	BOBJ1	56.25	Before	Interior Girder 1	56.25	0.95	1	1	5.206759
HS15_str_opr	BOBJ1	56.25	Before	Interior Girder 2	56.25	0.95	1	1	5.206759
HS15_str_opr	BOBJ1	56.25	Before	Right Exterior Girder	56.25	0.95	1	1	6.026449
HS15_str_opr	BOBJ1	56.25	After	Left Exterior Girder	56.25	0.95	1	1	6.026148
HS15_str_opr	BOBJ1	56.25	After	Interior Girder 1	56.25	0.95	1	1	5.206599
HS15_str_opr	BOBJ1	56.25	After	Interior Girder 2	56.25	0.95	1	1	5.206598
HS15_str_opr	BOBJ1	56.25	After	Right Exterior Girder	56.25	0.95	1	1	6.026149
HS15_str_opr	BOBJ1	67.5	Before	Left Exterior Girder	67.5	0.95	1	1	5.333852
HS15_str_opr	BOBJ1	67.5	Before	Interior Girder 1	67.5	0.95	1	1	4.805636
HS15_str_opr	BOBJ1	67.5	Before	Interior Girder 2	67.5	0.95	1	1	4.805635
HS15_str_opr	BOBJ1	67.5	Before	Right Exterior Girder	67.5	0.95	1	1	5.333853
HS15_str_opr	BOBJ1	67.5	After	Left Exterior Girder	67.5	0.95	1	1	5.382896
HS15_str_opr	BOBJ1	67.5	After	Interior Girder 1	67.5	0.95	1	1	4.787019
HS15_str_opr	BOBJ1	67.5	After	Interior Girder 2	67.5	0.95	1	1	4.787019
HS15_str_opr	BOBJ1	67.5	After	Right Exterior Girder	67.5	0.95	1	1	5.382897
HS15_str_opr	BOBJ1	78.75	Before	Left Exterior Girder	78.75	0.95	1	1	5.177971
HS15_str_opr	BOBJ1	78.75	Before	Interior Girder 1	78.75	0.95	1	1	4.622335
HS15_str_opr	BOBJ1	78.75	Before	Interior Girder 2	78.75	0.95	1	1	4.622334
HS15_str_opr	BOBJ1	78.75	Before	Right Exterior Girder	78.75	0.95	1	1	5.177971
HS15_str_opr	BOBJ1	78.75	After	Left Exterior Girder	78.75	0.95	1	1	5.174165
HS15_str_opr	BOBJ1	78.75	After	Interior Girder 1	78.75	0.95	1	1	4.62648
HS15_str_opr	BOBJ1	78.75	After	Interior Girder 2	78.75	0.95	1	1	4.626479
HS15_str_opr	BOBJ1	78.75	After	Right Exterior Girder	78.75	0.95	1	1	5.174165
HS15_str_opr	BOBJ1	90	Before	Left Exterior Girder	90	0.95	1	1	5.272619
HS15_str_opr	BOBJ1	90	Before	Interior Girder 1	90	0.95	1	1	4.797173
HS15_str_opr	BOBJ1	90	Before	Interior Girder 2	90	0.95	1	1	4.797172
HS15_str_opr	BOBJ1	90	Before	Right Exterior Girder	90	0.95	1	1	5.272619
HS15_str_opr	BOBJ1	90	After	Left Exterior Girder	90	0.95	1	1	5.276082
HS15_str_opr	BOBJ1	90	After	Interior Girder 1	90	0.95	1	1	4.799314
HS15_str_opr	BOBJ1	90	After	Interior Girder 2	90	0.95	1	1	4.799314
HS15_str_opr	BOBJ1	90	After	Right Exterior Girder	90	0.95	1	1	5.276082
HS15_str_opr	BOBJ1	101.25	Before	Left Exterior Girder	101.25	0.95	1	1	5.751249
HS15_str_opr	BOBJ1	101.25	Before	Interior Girder 1	101.25	0.95	1	1	5.151854
HS15_str_opr	BOBJ1	101.25	Before	Interior Girder 2	101.25	0.95	1	1	5.151854
HS15_str_opr	BOBJ1	101.25	Before	Right Exterior Girder	101.25	0.95	1	1	5.751249
HS15_str_opr	BOBJ1	101.25	After	Left Exterior Girder	101.25	0.95	1	1	5.743911
HS15_str_opr	BOBJ1	101.25	After	Interior Girder 1	101.25	0.95	1	1	5.144108
HS15_str_opr	BOBJ1	101.25	After	Interior Girder 2	101.25	0.95	1	1	5.144108
HS15_str_opr	BOBJ1	101.25	After	Right Exterior Girder	101.25	0.95	1	1	5.743911
HS15_str_opr	BOBJ1	112.5	Before	Left Exterior Girder	112.5	0.95	1	1	6.524729
HS15_str_opr	BOBJ1	112.5	Before	Interior Girder 1	112.5	0.95	1	1	5.845352
HS15_str_opr	BOBJ1	112.5	Before	Interior Girder 2	112.5	0.95	1	1	5.845352
HS15_str_opr	BOBJ1	112.5	Before	Right Exterior Girder	112.5	0.95	1	1	6.524729
HS15_str_opr	BOBJ1	112.5	After	Left Exterior Girder	112.5	0.95	1	1	6.482177
HS15_str_opr	BOBJ1	112.5	After	Interior Girder 1	112.5	0.95	1	1	5.836647
HS15_str_opr	BOBJ1	112.5	After	Interior Girder 2	112.5	0.95	1	1	5.836647
HS15_str_opr	BOBJ1	112.5	After	Right Exterior Girder	112.5	0.95	1	1	6.482176
HS15_str_opr	BOBJ1	123.75	Before	Left Exterior Girder	123.75	0.95	1	1	7.813657
HS15_str_opr	BOBJ1	123.75	Before	Interior Girder 1	123.75	0.95	1	1	6.849973
HS15_str_opr	BOBJ1	123.75	Before	Interior Girder 2	123.75	0.95	1	1	6.849974
HS15_str_opr	BOBJ1	123.75	Before	Right Exterior Girder	123.75	0.95	1	1	7.813657
HS15_str_opr	BOBJ1	123.75	After	Left Exterior Girder	123.75	0.95	1	1	7.817337
HS15_str_opr	BOBJ1	123.75	After	Interior Girder 1	123.75	0.95	1	1	6.846571
HS15_str_opr	BOBJ1	123.75	After	Interior Girder 2	123.75	0.95	1	1	6.846572
HS15_str_opr	BOBJ1	123.75	After	Right Exterior Girder	123.75	0.95	1	1	7.817337
HS15_str_opr	BOBJ1	126.4381	Before	Left Exterior Girder	126.4381	0.95	1	1	8.223135
HS15_str_opr	BOBJ1	126.4381	Before	Interior Girder 1	126.4381	0.95	1	1	7.170669
HS15_str_opr	BOBJ1	126.4381	Before	Interior Girder 2	126.4381	0.95	1	1	7.17067
HS15_str_opr	BOBJ1	126.4381	Before	Right Exterior Girder	126.4381	0.95	1	1	8.223135
HS15_str_opr	BOBJ1	126.4381	After	Left Exterior Girder	126.4381	0.95	1	1	4.345195
HS15_str_opr	BOBJ1	126.4381	After	Interior Girder 1	126.4381	0.95	1	1	3.793147
HS15_str_opr	BOBJ1	126.4381	After	Interior Girder 2	126.4381	0.95	1	1	3.793147
HS15_str_opr	BOBJ1	126.4381	After	Right Exterior Girder	126.4381	0.95	1	1	4.345195
HS15_str_opr	BOBJ1	135	Before	Left Exterior Girder	135	0.95	1	1	5.562851
HS15_str_opr	BOBJ1	135	Before	Interior Girder 1	135	0.95	1	1	4.80431
HS15_str_opr	BOBJ1	135	Before	Interior Girder 2	135	0.95	1	1	4.80431
HS15_str_opr	BOBJ1	135	Before	Right Exterior Girder	135	0.95	1	1	5.562851

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelNonCompStrgth-Flx - Main Span Girders									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
HS15_str_opr	BOBJ1	135	After	Left Exterior Girder	135	0.95	1	1	5.463927
HS15_str_opr	BOBJ1	135	After	Interior Girder 1	135	0.95	1	1	4.778914
HS15_str_opr	BOBJ1	135	After	Interior Girder 2	135	0.95	1	1	4.778914
HS15_str_opr	BOBJ1	135	After	Right Exterior Girder	135	0.95	1	1	5.463926
HS15_str_opr	BOBJ1	146.25	Before	Left Exterior Girder	146.25	0.95	1	1	7.838833
HS15_str_opr	BOBJ1	146.25	Before	Interior Girder 1	146.25	0.95	1	1	6.535003
HS15_str_opr	BOBJ1	146.25	Before	Interior Girder 2	146.25	0.95	1	1	6.535003
HS15_str_opr	BOBJ1	146.25	Before	Right Exterior Girder	146.25	0.95	1	1	7.838833
HS15_str_opr	BOBJ1	146.25	After	Left Exterior Girder	146.25	0.95	1	1	7.831944
HS15_str_opr	BOBJ1	146.25	After	Interior Girder 1	146.25	0.95	1	1	6.539512
HS15_str_opr	BOBJ1	146.25	After	Interior Girder 2	146.25	0.95	1	1	6.539511
HS15_str_opr	BOBJ1	146.25	After	Right Exterior Girder	146.25	0.95	1	1	7.831944
HS15_str_opr	BOBJ1	157.5	Before	Left Exterior Girder	157.5	0.95	1	1	8.441479
HS15_str_opr	BOBJ1	157.5	Before	Interior Girder 1	157.5	0.95	1	1	8.405978
HS15_str_opr	BOBJ1	157.5	Before	Interior Girder 2	157.5	0.95	1	1	8.405978
HS15_str_opr	BOBJ1	157.5	Before	Right Exterior Girder	157.5	0.95	1	1	8.441479
HS15_str_opr	BOBJ1	157.5	After	Left Exterior Girder	157.5	0.95	1	1	5.997676
HS15_str_opr	BOBJ1	157.5	After	Interior Girder 1	157.5	0.95	1	1	5.941705
HS15_str_opr	BOBJ1	157.5	After	Interior Girder 2	157.5	0.95	1	1	5.941705
HS15_str_opr	BOBJ1	157.5	After	Right Exterior Girder	157.5	0.95	1	1	5.997676
HS15_str_opr	BOBJ1	168.2522	Before	Left Exterior Girder	168.2522	0.95	1	1	2.928151
HS15_str_opr	BOBJ1	168.2522	Before	Interior Girder 1	168.2522	0.95	1	1	2.875689
HS15_str_opr	BOBJ1	168.2522	Before	Interior Girder 2	168.2522	0.95	1	1	2.875689
HS15_str_opr	BOBJ1	168.2522	Before	Right Exterior Girder	168.2522	0.95	1	1	2.928151
HS15_str_opr	BOBJ1	168.2522	After	Left Exterior Girder	168.2522	0.95	1	1	9.207574
HS15_str_opr	BOBJ1	168.2522	After	Interior Girder 1	168.2522	0.95	1	1	8.954997
HS15_str_opr	BOBJ1	168.2522	After	Interior Girder 2	168.2522	0.95	1	1	8.954996
HS15_str_opr	BOBJ1	168.2522	After	Right Exterior Girder	168.2522	0.95	1	1	9.207574
HS15_str_opr	BOBJ1	168.75	Before	Left Exterior Girder	168.75	0.95	1	1	9.042068
HS15_str_opr	BOBJ1	168.75	Before	Interior Girder 1	168.75	0.95	1	1	8.80446
HS15_str_opr	BOBJ1	168.75	Before	Interior Girder 2	168.75	0.95	1	1	8.804459
HS15_str_opr	BOBJ1	168.75	Before	Right Exterior Girder	168.75	0.95	1	1	9.042068
HS15_str_opr	BOBJ1	168.75	After	Left Exterior Girder	168.75	0.95	1	1	9.061519
HS15_str_opr	BOBJ1	168.75	After	Interior Girder 1	168.75	0.95	1	1	8.786608
HS15_str_opr	BOBJ1	168.75	After	Interior Girder 2	168.75	0.95	1	1	8.786608
HS15_str_opr	BOBJ1	168.75	After	Right Exterior Girder	168.75	0.95	1	1	9.061519
HS15_str_opr	BOBJ1	180	Before	Left Exterior Girder	180	0.95	1	1	5.552168
HS15_str_opr	BOBJ1	180	Before	Interior Girder 1	180	0.95	1	1	5.303422
HS15_str_opr	BOBJ1	180	Before	Interior Girder 2	180	0.95	1	1	5.303422
HS15_str_opr	BOBJ1	180	Before	Right Exterior Girder	180	0.95	1	1	5.552169
HS15_str_opr	BOBJ1	180	After	Left Exterior Girder	180	0.95	1	1	7.661365
HS15_str_opr	BOBJ1	180	After	Interior Girder 1	180	0.95	1	1	7.337756
HS15_str_opr	BOBJ1	180	After	Interior Girder 2	180	0.95	1	1	7.337756
HS15_str_opr	BOBJ1	180	After	Right Exterior Girder	180	0.95	1	1	7.661366
HS15_str_opr	BOBJ1	183.1858	Before	Left Exterior Girder	183.1858	0.95	1	1	6.645673
HS15_str_opr	BOBJ1	183.1858	Before	Interior Girder 1	183.1858	0.95	1	1	6.332063
HS15_str_opr	BOBJ1	183.1858	Before	Interior Girder 2	183.1858	0.95	1	1	6.332063
HS15_str_opr	BOBJ1	183.1858	Before	Right Exterior Girder	183.1858	0.95	1	1	6.645674
HS15_str_opr	BOBJ1	183.1858	After	Left Exterior Girder	183.1858	0.95	1	1	14.867379
HS15_str_opr	BOBJ1	183.1858	After	Interior Girder 1	183.1858	0.95	1	1	14.124435
HS15_str_opr	BOBJ1	183.1858	After	Interior Girder 2	183.1858	0.95	1	1	14.124435
HS15_str_opr	BOBJ1	183.1858	After	Right Exterior Girder	183.1858	0.95	1	1	14.867379
HS15_str_opr	BOBJ1	191.25	Before	Left Exterior Girder	191.25	0.95	1	1	12.014107
HS15_str_opr	BOBJ1	191.25	Before	Interior Girder 1	191.25	0.95	1	1	11.216505
HS15_str_opr	BOBJ1	191.25	Before	Interior Girder 2	191.25	0.95	1	1	11.216505
HS15_str_opr	BOBJ1	191.25	Before	Right Exterior Girder	191.25	0.95	1	1	12.014107
HS15_str_opr	BOBJ1	191.25	After	Left Exterior Girder	191.25	0.95	1	1	12.046869
HS15_str_opr	BOBJ1	191.25	After	Interior Girder 1	191.25	0.95	1	1	11.192229
HS15_str_opr	BOBJ1	191.25	After	Interior Girder 2	191.25	0.95	1	1	11.192229
HS15_str_opr	BOBJ1	191.25	After	Right Exterior Girder	191.25	0.95	1	1	12.046869
HS15_str_opr	BOBJ1	199.9414	Before	Left Exterior Girder	199.9414	0.95	1	1	8.898501
HS15_str_opr	BOBJ1	199.9414	Before	Interior Girder 1	199.9414	0.95	1	1	8.18358
HS15_str_opr	BOBJ1	199.9414	Before	Interior Girder 2	199.9414	0.95	1	1	8.18358
HS15_str_opr	BOBJ1	199.9414	Before	Right Exterior Girder	199.9414	0.95	1	1	8.898501
HS15_str_opr	BOBJ1	199.9414	After	Left Exterior Girder	199.9414	0.95	1	1	15.35042
HS15_str_opr	BOBJ1	199.9414	After	Interior Girder 1	199.9414	0.95	1	1	14.111746
HS15_str_opr	BOBJ1	199.9414	After	Interior Girder 2	199.9414	0.95	1	1	14.111746
HS15_str_opr	BOBJ1	199.9414	After	Right Exterior Girder	199.9414	0.95	1	1	15.35042

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelINonCompStrgth-Flx - Main Span Girders									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
HS15_str_opr	BOBJ1	202.5	Before	Left Exterior Girder	202.5	0.95	1	1	14.00073
HS15_str_opr	BOBJ1	202.5	Before	Interior Girder 1	202.5	0.95	1	1	13.148156
HS15_str_opr	BOBJ1	202.5	Before	Interior Girder 2	202.5	0.95	1	1	13.148156
HS15_str_opr	BOBJ1	202.5	Before	Right Exterior Girder	202.5	0.95	1	1	14.00073
HS15_str_opr	BOBJ1	202.5	After	Left Exterior Girder	202.5	0.95	1	1	14.500977
HS15_str_opr	BOBJ1	202.5	After	Interior Girder 1	202.5	0.95	1	1	13.291494
HS15_str_opr	BOBJ1	202.5	After	Interior Girder 2	202.5	0.95	1	1	13.291494
HS15_str_opr	BOBJ1	202.5	After	Right Exterior Girder	202.5	0.95	1	1	14.500977
HS15_str_opr	BOBJ1	210.5642	Before	Left Exterior Girder	210.5642	0.95	1	1	10.512911
HS15_str_opr	BOBJ1	210.5642	Before	Interior Girder 1	210.5642	0.95	1	1	10.004783
HS15_str_opr	BOBJ1	210.5642	Before	Interior Girder 2	210.5642	0.95	1	1	10.004783
HS15_str_opr	BOBJ1	210.5642	Before	Right Exterior Girder	210.5642	0.95	1	1	10.512911
HS15_str_opr	BOBJ1	210.5642	After	Left Exterior Girder	210.5642	0.95	1	1	16.165316
HS15_str_opr	BOBJ1	210.5642	After	Interior Girder 1	210.5642	0.95	1	1	15.429838
HS15_str_opr	BOBJ1	210.5642	After	Interior Girder 2	210.5642	0.95	1	1	15.429838
HS15_str_opr	BOBJ1	210.5642	After	Right Exterior Girder	210.5642	0.95	1	1	16.165315
HS15_str_opr	BOBJ1	213.75	Before	Left Exterior Girder	213.75	0.95	1	1	14.391114
HS15_str_opr	BOBJ1	213.75	Before	Interior Girder 1	213.75	0.95	1	1	13.536272
HS15_str_opr	BOBJ1	213.75	Before	Interior Girder 2	213.75	0.95	1	1	13.536272
HS15_str_opr	BOBJ1	213.75	Before	Right Exterior Girder	213.75	0.95	1	1	14.391113
HS15_str_opr	BOBJ1	213.75	After	Left Exterior Girder	213.75	0.95	1	1	14.374774
HS15_str_opr	BOBJ1	213.75	After	Interior Girder 1	213.75	0.95	1	1	13.512378
HS15_str_opr	BOBJ1	213.75	After	Interior Girder 2	213.75	0.95	1	1	13.512377
HS15_str_opr	BOBJ1	213.75	After	Right Exterior Girder	213.75	0.95	1	1	14.374773
HS15_str_opr	BOBJ1	225	Before	Left Exterior Girder	225	0.95	1	1	8.659044
HS15_str_opr	BOBJ1	225	Before	Interior Girder 1	225	0.95	1	1	7.778975
HS15_str_opr	BOBJ1	225	Before	Interior Girder 2	225	0.95	1	1	7.778975
HS15_str_opr	BOBJ1	225	Before	Right Exterior Girder	225	0.95	1	1	8.659044
HS15_str_opr	BOBJ1	225	After	Left Exterior Girder	0	0.95	1	1	8.156131
HS15_str_opr	BOBJ1	225	After	Interior Girder 1	0	0.95	1	1	7.47532
HS15_str_opr	BOBJ1	225	After	Interior Girder 2	0	0.95	1	1	7.475321
HS15_str_opr	BOBJ1	225	After	Right Exterior Girder	0	0.95	1	1	8.156131
HS15_str_opr	BOBJ1	236.45	Before	Left Exterior Girder	11.45	0.95	1	1	14.49791
HS15_str_opr	BOBJ1	236.45	Before	Interior Girder 1	11.45	0.95	1	1	14.357866
HS15_str_opr	BOBJ1	236.45	Before	Interior Girder 2	11.45	0.95	1	1	14.357867
HS15_str_opr	BOBJ1	236.45	Before	Right Exterior Girder	11.45	0.95	1	1	14.49791
HS15_str_opr	BOBJ1	236.45	After	Left Exterior Girder	11.45	0.95	1	1	14.528249
HS15_str_opr	BOBJ1	236.45	After	Interior Girder 1	11.45	0.95	1	1	14.364828
HS15_str_opr	BOBJ1	236.45	After	Interior Girder 2	11.45	0.95	1	1	14.364829
HS15_str_opr	BOBJ1	236.45	After	Right Exterior Girder	11.45	0.95	1	1	14.528249
HS15_str_opr	BOBJ1	239.5082	Before	Left Exterior Girder	14.5082	0.95	1	1	16.686087
HS15_str_opr	BOBJ1	239.5082	Before	Interior Girder 1	14.5082	0.95	1	1	16.615571
HS15_str_opr	BOBJ1	239.5082	Before	Interior Girder 2	14.5082	0.95	1	1	16.615572
HS15_str_opr	BOBJ1	239.5082	Before	Right Exterior Girder	14.5082	0.95	1	1	16.686087
HS15_str_opr	BOBJ1	239.5082	After	Left Exterior Girder	14.5082	0.95	1	1	10.95435
HS15_str_opr	BOBJ1	239.5082	After	Interior Girder 1	14.5082	0.95	1	1	10.898744
HS15_str_opr	BOBJ1	239.5082	After	Interior Girder 2	14.5082	0.95	1	1	10.898745
HS15_str_opr	BOBJ1	239.5082	After	Right Exterior Girder	14.5082	0.95	1	1	10.954349
HS15_str_opr	BOBJ1	247.9	Before	Left Exterior Girder	22.9	0.95	1	1	16.708999
HS15_str_opr	BOBJ1	247.9	Before	Interior Girder 1	22.9	0.95	1	1	16.454803
HS15_str_opr	BOBJ1	247.9	Before	Interior Girder 2	22.9	0.95	1	1	16.454803
HS15_str_opr	BOBJ1	247.9	Before	Right Exterior Girder	22.9	0.95	1	1	16.708999
HS15_str_opr	BOBJ1	247.9	After	Left Exterior Girder	22.9	0.95	1	1	16.258494
HS15_str_opr	BOBJ1	247.9	After	Interior Girder 1	22.9	0.95	1	1	16.438054
HS15_str_opr	BOBJ1	247.9	After	Interior Girder 2	22.9	0.95	1	1	16.438053
HS15_str_opr	BOBJ1	247.9	After	Right Exterior Girder	22.9	0.95	1	1	16.258494
HS15_str_opr	BOBJ1	258.5189	Before	Left Exterior Girder	33.5189	0.95	1	1	23.276536
HS15_str_opr	BOBJ1	258.5189	Before	Interior Girder 1	33.5189	0.95	1	1	21.687543
HS15_str_opr	BOBJ1	258.5189	Before	Interior Girder 2	33.5189	0.95	1	1	21.687542
HS15_str_opr	BOBJ1	258.5189	Before	Right Exterior Girder	33.5189	0.95	1	1	23.276536
HS15_str_opr	BOBJ1	258.5189	After	Left Exterior Girder	33.5189	0.95	1	1	15.833809
HS15_str_opr	BOBJ1	258.5189	After	Interior Girder 1	33.5189	0.95	1	1	14.596956
HS15_str_opr	BOBJ1	258.5189	After	Interior Girder 2	33.5189	0.95	1	1	14.596956
HS15_str_opr	BOBJ1	258.5189	After	Right Exterior Girder	33.5189	0.95	1	1	15.833809
HS15_str_opr	BOBJ1	259.3	Before	Left Exterior Girder	34.3	0.95	1	1	16.2077
HS15_str_opr	BOBJ1	259.3	Before	Interior Girder 1	34.3	0.95	1	1	14.959419
HS15_str_opr	BOBJ1	259.3	Before	Interior Girder 2	34.3	0.95	1	1	14.959418
HS15_str_opr	BOBJ1	259.3	Before	Right Exterior Girder	34.3	0.95	1	1	16.2077

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelINonCompStrgth-Flx - Main Span Girders									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
HS15_str_opr	BOBJ1	259.3	After	Left Exterior Girder	34.3	0.95	1	1	16.196267
HS15_str_opr	BOBJ1	259.3	After	Interior Girder 1	34.3	0.95	1	1	14.969565
HS15_str_opr	BOBJ1	259.3	After	Interior Girder 2	34.3	0.95	1	1	14.969565
HS15_str_opr	BOBJ1	259.3	After	Right Exterior Girder	34.3	0.95	1	1	16.196267
HS15_str_opr	BOBJ1	266.1031	Before	Left Exterior Girder	41.1031	0.95	1	1	19.360407
HS15_str_opr	BOBJ1	266.1031	Before	Interior Girder 1	41.1031	0.95	1	1	18.183391
HS15_str_opr	BOBJ1	266.1031	Before	Interior Girder 2	41.1031	0.95	1	1	18.183391
HS15_str_opr	BOBJ1	266.1031	Before	Right Exterior Girder	41.1031	0.95	1	1	19.360407
HS15_str_opr	BOBJ1	266.1031	After	Left Exterior Girder	41.1031	0.95	1	1	10.02548
HS15_str_opr	BOBJ1	266.1031	After	Interior Girder 1	41.1031	0.95	1	1	9.426996
HS15_str_opr	BOBJ1	266.1031	After	Interior Girder 2	41.1031	0.95	1	1	9.426995
HS15_str_opr	BOBJ1	266.1031	After	Right Exterior Girder	41.1031	0.95	1	1	10.02548
HS15_str_opr	BOBJ1	270.7	Before	Left Exterior Girder	45.7	0.95	1	1	12.017
HS15_str_opr	BOBJ1	270.7	Before	Interior Girder 1	45.7	0.95	1	1	11.418576
HS15_str_opr	BOBJ1	270.7	Before	Interior Girder 2	45.7	0.95	1	1	11.418575
HS15_str_opr	BOBJ1	270.7	Before	Right Exterior Girder	45.7	0.95	1	1	12.017
HS15_str_opr	BOBJ1	270.7	After	Left Exterior Girder	45.7	0.95	1	1	14.090212
HS15_str_opr	BOBJ1	270.7	After	Interior Girder 1	45.7	0.95	1	1	13.382493
HS15_str_opr	BOBJ1	270.7	After	Interior Girder 2	45.7	0.95	1	1	13.382493
HS15_str_opr	BOBJ1	270.7	After	Right Exterior Girder	45.7	0.95	1	1	14.090212
HS15_str_opr	BOBJ1	273.6874	Before	Left Exterior Girder	48.6874	0.95	1	1	15.437185
HS15_str_opr	BOBJ1	273.6874	Before	Interior Girder 1	48.6874	0.95	1	1	14.719359
HS15_str_opr	BOBJ1	273.6874	Before	Interior Girder 2	48.6874	0.95	1	1	14.719359
HS15_str_opr	BOBJ1	273.6874	Before	Right Exterior Girder	48.6874	0.95	1	1	15.437185
HS15_str_opr	BOBJ1	273.6874	After	Left Exterior Girder	48.6874	0.95	1	1	6.644796
HS15_str_opr	BOBJ1	273.6874	After	Interior Girder 1	48.6874	0.95	1	1	6.381957
HS15_str_opr	BOBJ1	273.6874	After	Interior Girder 2	48.6874	0.95	1	1	6.381957
HS15_str_opr	BOBJ1	273.6874	After	Right Exterior Girder	48.6874	0.95	1	1	6.644796
HS15_str_opr	BOBJ1	282.15	Before	Left Exterior Girder	57.15	0.95	1	1	10.184231
HS15_str_opr	BOBJ1	282.15	Before	Interior Girder 1	57.15	0.95	1	1	9.873103
HS15_str_opr	BOBJ1	282.15	Before	Interior Girder 2	57.15	0.95	1	1	9.873103
HS15_str_opr	BOBJ1	282.15	Before	Right Exterior Girder	57.15	0.95	1	1	10.184231
HS15_str_opr	BOBJ1	282.15	After	Left Exterior Girder	57.15	0.95	1	1	10.169675
HS15_str_opr	BOBJ1	282.15	After	Interior Girder 1	57.15	0.95	1	1	9.887107
HS15_str_opr	BOBJ1	282.15	After	Interior Girder 2	57.15	0.95	1	1	9.887107
HS15_str_opr	BOBJ1	282.15	After	Right Exterior Girder	57.15	0.95	1	1	10.169674
HS15_str_opr	BOBJ1	293.6	Before	Left Exterior Girder	68.6	0.95	1	1	7.678623
HS15_str_opr	BOBJ1	293.6	Before	Interior Girder 1	68.6	0.95	1	1	6.113094
HS15_str_opr	BOBJ1	293.6	Before	Interior Girder 2	68.6	0.95	1	1	6.113094
HS15_str_opr	BOBJ1	293.6	Before	Right Exterior Girder	68.6	0.95	1	1	7.678623
HS15_str_opr	BOBJ1	293.6	After	Left Exterior Girder	68.6	0.95	1	1	7.947856
HS15_str_opr	BOBJ1	293.6	After	Interior Girder 1	68.6	0.95	1	1	6.228957
HS15_str_opr	BOBJ1	293.6	After	Interior Girder 2	68.6	0.95	1	1	6.228957
HS15_str_opr	BOBJ1	293.6	After	Right Exterior Girder	68.6	0.95	1	1	7.947856
HS15_str_opr	BOBJ1	305	Before	Left Exterior Girder	80	0.95	1	1	4.296176
HS15_str_opr	BOBJ1	305	Before	Interior Girder 1	80	0.95	1	1	3.456082
HS15_str_opr	BOBJ1	305	Before	Interior Girder 2	80	0.95	1	1	3.456082
HS15_str_opr	BOBJ1	305	Before	Right Exterior Girder	80	0.95	1	1	4.296176
HS15_str_opr	BOBJ1	305	After	Left Exterior Girder	80	0.95	1	1	4.297304
HS15_str_opr	BOBJ1	305	After	Interior Girder 1	80	0.95	1	1	3.454143
HS15_str_opr	BOBJ1	305	After	Interior Girder 2	80	0.95	1	1	3.454144
HS15_str_opr	BOBJ1	305	After	Right Exterior Girder	80	0.95	1	1	4.297304
HS15_str_opr	BOBJ1	306.9561	Before	Left Exterior Girder	81.9561	0.95	1	1	3.808833
HS15_str_opr	BOBJ1	306.9561	Before	Interior Girder 1	81.9561	0.95	1	1	3.096552
HS15_str_opr	BOBJ1	306.9561	Before	Interior Girder 2	81.9561	0.95	1	1	3.096552
HS15_str_opr	BOBJ1	306.9561	Before	Right Exterior Girder	81.9561	0.95	1	1	3.808834
HS15_str_opr	BOBJ1	306.9561	After	Left Exterior Girder	81.9561	0.95	1	1	9.961861
HS15_str_opr	BOBJ1	306.9561	After	Interior Girder 1	81.9561	0.95	1	1	8.202307
HS15_str_opr	BOBJ1	306.9561	After	Interior Girder 2	81.9561	0.95	1	1	8.202307
HS15_str_opr	BOBJ1	306.9561	After	Right Exterior Girder	81.9561	0.95	1	1	9.961861
HS15_str_opr	BOBJ1	316.4	Before	Left Exterior Girder	91.4	0.95	1	1	7.322656
HS15_str_opr	BOBJ1	316.4	Before	Interior Girder 1	91.4	0.95	1	1	6.257182
HS15_str_opr	BOBJ1	316.4	Before	Interior Girder 2	91.4	0.95	1	1	6.257182
HS15_str_opr	BOBJ1	316.4	Before	Right Exterior Girder	91.4	0.95	1	1	7.322657
HS15_str_opr	BOBJ1	316.4	After	Left Exterior Girder	91.4	0.95	1	1	7.417544
HS15_str_opr	BOBJ1	316.4	After	Interior Girder 1	91.4	0.95	1	1	6.258123
HS15_str_opr	BOBJ1	316.4	After	Interior Girder 2	91.4	0.95	1	1	6.258123
HS15_str_opr	BOBJ1	316.4	After	Right Exterior Girder	91.4	0.95	1	1	7.417543

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelINonCompStrgth-Flx - Main Span Girders									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
HS15_str_opr	BOBJ1	327.85	Before	Left Exterior Girder	102.9679	0.95	1	1	5.310189
HS15_str_opr	BOBJ1	327.85	Before	Interior Girder 1	102.9679	0.95	1	1	4.5187
HS15_str_opr	BOBJ1	327.85	Before	Interior Girder 2	102.9679	0.95	1	1	4.5187
HS15_str_opr	BOBJ1	327.85	Before	Right Exterior Girder	102.9679	0.95	1	1	5.310189
HS15_str_opr	BOBJ1	327.85	After	Left Exterior Girder	102.9679	0.95	1	1	10.257116
HS15_str_opr	BOBJ1	327.85	After	Interior Girder 1	102.9679	0.95	1	1	8.870857
HS15_str_opr	BOBJ1	327.85	After	Interior Girder 2	102.9679	0.95	1	1	8.870858
HS15_str_opr	BOBJ1	327.85	After	Right Exterior Girder	102.9679	0.95	1	1	10.257116
HS15_str_opr	BOBJ1	339.3	Before	Left Exterior Girder	114.3	0.95	1	1	8.343439
HS15_str_opr	BOBJ1	339.3	Before	Interior Girder 1	114.3	0.95	1	1	7.403291
HS15_str_opr	BOBJ1	339.3	Before	Interior Girder 2	114.3	0.95	1	1	7.403292
HS15_str_opr	BOBJ1	339.3	Before	Right Exterior Girder	114.3	0.95	1	1	8.343439
HS15_str_opr	BOBJ1	339.3	After	Left Exterior Girder	114.3	0.95	1	1	8.404711
HS15_str_opr	BOBJ1	339.3	After	Interior Girder 1	114.3	0.95	1	1	7.412994
HS15_str_opr	BOBJ1	339.3	After	Interior Girder 2	114.3	0.95	1	1	7.412994
HS15_str_opr	BOBJ1	339.3	After	Right Exterior Girder	114.3	0.95	1	1	8.404711
HS15_str_opr	BOBJ1	350.7	Before	Left Exterior Girder	125.7	0.95	1	1	7.204999
HS15_str_opr	BOBJ1	350.7	Before	Interior Girder 1	125.7	0.95	1	1	6.36006
HS15_str_opr	BOBJ1	350.7	Before	Interior Girder 2	125.7	0.95	1	1	6.36006
HS15_str_opr	BOBJ1	350.7	Before	Right Exterior Girder	125.7	0.95	1	1	7.204999
HS15_str_opr	BOBJ1	350.7	After	Left Exterior Girder	125.7	0.95	1	1	7.202956
HS15_str_opr	BOBJ1	350.7	After	Interior Girder 1	125.7	0.95	1	1	6.36096
HS15_str_opr	BOBJ1	350.7	After	Interior Girder 2	125.7	0.95	1	1	6.36096
HS15_str_opr	BOBJ1	350.7	After	Right Exterior Girder	125.7	0.95	1	1	7.202956
HS15_str_opr	BOBJ1	362.1	Before	Left Exterior Girder	137.1	0.95	1	1	6.382471
HS15_str_opr	BOBJ1	362.1	Before	Interior Girder 1	137.1	0.95	1	1	5.728349
HS15_str_opr	BOBJ1	362.1	Before	Interior Girder 2	137.1	0.95	1	1	5.728349
HS15_str_opr	BOBJ1	362.1	Before	Right Exterior Girder	137.1	0.95	1	1	6.382471
HS15_str_opr	BOBJ1	362.1	After	Left Exterior Girder	137.1	0.95	1	1	6.413569
HS15_str_opr	BOBJ1	362.1	After	Interior Girder 1	137.1	0.95	1	1	5.739822
HS15_str_opr	BOBJ1	362.1	After	Interior Girder 2	137.1	0.95	1	1	5.739822
HS15_str_opr	BOBJ1	362.1	After	Right Exterior Girder	137.1	0.95	1	1	6.413569
HS15_str_opr	BOBJ1	373.55	Before	Left Exterior Girder	148.55	0.95	1	1	6.000197
HS15_str_opr	BOBJ1	373.55	Before	Interior Girder 1	148.55	0.95	1	1	5.342103
HS15_str_opr	BOBJ1	373.55	Before	Interior Girder 2	148.55	0.95	1	1	5.342103
HS15_str_opr	BOBJ1	373.55	Before	Right Exterior Girder	148.55	0.95	1	1	6.000197
HS15_str_opr	BOBJ1	373.55	After	Left Exterior Girder	148.55	0.95	1	1	5.999445
HS15_str_opr	BOBJ1	373.55	After	Interior Girder 1	148.55	0.95	1	1	5.344616
HS15_str_opr	BOBJ1	373.55	After	Interior Girder 2	148.55	0.95	1	1	5.344616
HS15_str_opr	BOBJ1	373.55	After	Right Exterior Girder	148.55	0.95	1	1	5.999445
HS15_str_opr	BOBJ1	385	Before	Left Exterior Girder	160	0.95	1	1	5.835082
HS15_str_opr	BOBJ1	385	Before	Interior Girder 1	160	0.95	1	1	5.250197
HS15_str_opr	BOBJ1	385	Before	Interior Girder 2	160	0.95	1	1	5.250197
HS15_str_opr	BOBJ1	385	Before	Right Exterior Girder	160	0.95	1	1	5.835082
HS15_str_opr	BOBJ1	385	After	Left Exterior Girder	160	0.95	1	1	5.835082
HS15_str_opr	BOBJ1	385	After	Interior Girder 1	160	0.95	1	1	5.250197
HS15_str_opr	BOBJ1	385	After	Interior Girder 2	160	0.95	1	1	5.250197
HS15_str_opr	BOBJ1	385	After	Right Exterior Girder	160	0.95	1	1	5.835082
HS15_str_opr	BOBJ1	396.45	Before	Left Exterior Girder	171.45	0.95	1	1	5.999445
HS15_str_opr	BOBJ1	396.45	Before	Interior Girder 1	171.45	0.95	1	1	5.344616
HS15_str_opr	BOBJ1	396.45	Before	Interior Girder 2	171.45	0.95	1	1	5.344616
HS15_str_opr	BOBJ1	396.45	Before	Right Exterior Girder	171.45	0.95	1	1	5.999445
HS15_str_opr	BOBJ1	396.45	After	Left Exterior Girder	171.45	0.95	1	1	6.000197
HS15_str_opr	BOBJ1	396.45	After	Interior Girder 1	171.45	0.95	1	1	5.342103
HS15_str_opr	BOBJ1	396.45	After	Interior Girder 2	171.45	0.95	1	1	5.342103
HS15_str_opr	BOBJ1	396.45	After	Right Exterior Girder	171.45	0.95	1	1	6.000198
HS15_str_opr	BOBJ1	407.9	Before	Left Exterior Girder	182.9	0.95	1	1	6.413569
HS15_str_opr	BOBJ1	407.9	Before	Interior Girder 1	182.9	0.95	1	1	5.739822
HS15_str_opr	BOBJ1	407.9	Before	Interior Girder 2	182.9	0.95	1	1	5.739822
HS15_str_opr	BOBJ1	407.9	Before	Right Exterior Girder	182.9	0.95	1	1	6.413569
HS15_str_opr	BOBJ1	407.9	After	Left Exterior Girder	182.9	0.95	1	1	6.382471
HS15_str_opr	BOBJ1	407.9	After	Interior Girder 1	182.9	0.95	1	1	5.728349
HS15_str_opr	BOBJ1	407.9	After	Interior Girder 2	182.9	0.95	1	1	5.728349
HS15_str_opr	BOBJ1	407.9	After	Right Exterior Girder	182.9	0.95	1	1	6.382471
HS15_str_opr	BOBJ1	419.3	Before	Left Exterior Girder	194.3	0.95	1	1	7.202956
HS15_str_opr	BOBJ1	419.3	Before	Interior Girder 1	194.3	0.95	1	1	6.36096
HS15_str_opr	BOBJ1	419.3	Before	Interior Girder 2	194.3	0.95	1	1	6.36096
HS15_str_opr	BOBJ1	419.3	Before	Right Exterior Girder	194.3	0.95	1	1	7.202956

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelINonCompStrgth-Flx - Main Span Girders									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
HS15_str_opr	BOBJ1	419.3	After	Left Exterior Girder	194.3	0.95	1	1	7.204999
HS15_str_opr	BOBJ1	419.3	After	Interior Girder 1	194.3	0.95	1	1	6.36006
HS15_str_opr	BOBJ1	419.3	After	Interior Girder 2	194.3	0.95	1	1	6.36006
HS15_str_opr	BOBJ1	419.3	After	Right Exterior Girder	194.3	0.95	1	1	7.204999
HS15_str_opr	BOBJ1	430.7	Before	Left Exterior Girder	205.7	0.95	1	1	8.404711
HS15_str_opr	BOBJ1	430.7	Before	Interior Girder 1	205.7	0.95	1	1	7.412994
HS15_str_opr	BOBJ1	430.7	Before	Interior Girder 2	205.7	0.95	1	1	7.412994
HS15_str_opr	BOBJ1	430.7	Before	Right Exterior Girder	205.7	0.95	1	1	8.404711
HS15_str_opr	BOBJ1	430.7	After	Left Exterior Girder	205.7	0.95	1	1	8.343439
HS15_str_opr	BOBJ1	430.7	After	Interior Girder 1	205.7	0.95	1	1	7.403291
HS15_str_opr	BOBJ1	430.7	After	Interior Girder 2	205.7	0.95	1	1	7.403291
HS15_str_opr	BOBJ1	430.7	After	Right Exterior Girder	205.7	0.95	1	1	8.343439
HS15_str_opr	BOBJ1	442.15	Before	Left Exterior Girder	217.0321	0.95	1	1	10.239998
HS15_str_opr	BOBJ1	442.15	Before	Interior Girder 1	217.0321	0.95	1	1	8.870478
HS15_str_opr	BOBJ1	442.15	Before	Interior Girder 2	217.0321	0.95	1	1	8.870477
HS15_str_opr	BOBJ1	442.15	Before	Right Exterior Girder	217.0321	0.95	1	1	10.239998
HS15_str_opr	BOBJ1	442.15	After	Left Exterior Girder	217.0321	0.95	1	1	5.302606
HS15_str_opr	BOBJ1	442.15	After	Interior Girder 1	217.0321	0.95	1	1	4.517285
HS15_str_opr	BOBJ1	442.15	After	Interior Girder 2	217.0321	0.95	1	1	4.517285
HS15_str_opr	BOBJ1	442.15	After	Right Exterior Girder	217.0321	0.95	1	1	5.302606
HS15_str_opr	BOBJ1	453.6	Before	Left Exterior Girder	228.6	0.95	1	1	7.417544
HS15_str_opr	BOBJ1	453.6	Before	Interior Girder 1	228.6	0.95	1	1	6.258123
HS15_str_opr	BOBJ1	453.6	Before	Interior Girder 2	228.6	0.95	1	1	6.258123
HS15_str_opr	BOBJ1	453.6	Before	Right Exterior Girder	228.6	0.95	1	1	7.417544
HS15_str_opr	BOBJ1	453.6	After	Left Exterior Girder	228.6	0.95	1	1	7.322656
HS15_str_opr	BOBJ1	453.6	After	Interior Girder 1	228.6	0.95	1	1	6.257182
HS15_str_opr	BOBJ1	453.6	After	Interior Girder 2	228.6	0.95	1	1	6.257182
HS15_str_opr	BOBJ1	453.6	After	Right Exterior Girder	228.6	0.95	1	1	7.322656
HS15_str_opr	BOBJ1	463.0439	Before	Left Exterior Girder	238.0439	0.95	1	1	9.932254
HS15_str_opr	BOBJ1	463.0439	Before	Interior Girder 1	238.0439	0.95	1	1	8.202387
HS15_str_opr	BOBJ1	463.0439	Before	Interior Girder 2	238.0439	0.95	1	1	8.202387
HS15_str_opr	BOBJ1	463.0439	Before	Right Exterior Girder	238.0439	0.95	1	1	9.932254
HS15_str_opr	BOBJ1	463.0439	After	Left Exterior Girder	238.0439	0.95	1	1	3.798717
HS15_str_opr	BOBJ1	463.0439	After	Interior Girder 1	238.0439	0.95	1	1	3.095235
HS15_str_opr	BOBJ1	463.0439	After	Interior Girder 2	238.0439	0.95	1	1	3.095235
HS15_str_opr	BOBJ1	463.0439	After	Right Exterior Girder	238.0439	0.95	1	1	3.798717
HS15_str_opr	BOBJ1	465	Before	Left Exterior Girder	240	0.95	1	1	4.297304
HS15_str_opr	BOBJ1	465	Before	Interior Girder 1	240	0.95	1	1	3.454143
HS15_str_opr	BOBJ1	465	Before	Interior Girder 2	240	0.95	1	1	3.454144
HS15_str_opr	BOBJ1	465	Before	Right Exterior Girder	240	0.95	1	1	4.297304
HS15_str_opr	BOBJ1	465	After	Left Exterior Girder	240	0.95	1	1	4.296176
HS15_str_opr	BOBJ1	465	After	Interior Girder 1	240	0.95	1	1	3.456082
HS15_str_opr	BOBJ1	465	After	Interior Girder 2	240	0.95	1	1	3.456082
HS15_str_opr	BOBJ1	465	After	Right Exterior Girder	240	0.95	1	1	4.296176
HS15_str_opr	BOBJ1	476.4	Before	Left Exterior Girder	251.4	0.95	1	1	7.947856
HS15_str_opr	BOBJ1	476.4	Before	Interior Girder 1	251.4	0.95	1	1	6.228957
HS15_str_opr	BOBJ1	476.4	Before	Interior Girder 2	251.4	0.95	1	1	6.228957
HS15_str_opr	BOBJ1	476.4	Before	Right Exterior Girder	251.4	0.95	1	1	7.947855
HS15_str_opr	BOBJ1	476.4	After	Left Exterior Girder	251.4	0.95	1	1	7.678622
HS15_str_opr	BOBJ1	476.4	After	Interior Girder 1	251.4	0.95	1	1	6.113094
HS15_str_opr	BOBJ1	476.4	After	Interior Girder 2	251.4	0.95	1	1	6.113094
HS15_str_opr	BOBJ1	476.4	After	Right Exterior Girder	251.4	0.95	1	1	7.678622
HS15_str_opr	BOBJ1	487.85	Before	Left Exterior Girder	262.85	0.95	1	1	10.169674
HS15_str_opr	BOBJ1	487.85	Before	Interior Girder 1	262.85	0.95	1	1	9.887107
HS15_str_opr	BOBJ1	487.85	Before	Interior Girder 2	262.85	0.95	1	1	9.887107
HS15_str_opr	BOBJ1	487.85	Before	Right Exterior Girder	262.85	0.95	1	1	10.169674
HS15_str_opr	BOBJ1	487.85	After	Left Exterior Girder	262.85	0.95	1	1	10.184231
HS15_str_opr	BOBJ1	487.85	After	Interior Girder 1	262.85	0.95	1	1	9.873103
HS15_str_opr	BOBJ1	487.85	After	Interior Girder 2	262.85	0.95	1	1	9.873103
HS15_str_opr	BOBJ1	487.85	After	Right Exterior Girder	262.85	0.95	1	1	10.184231
HS15_str_opr	BOBJ1	496.3126	Before	Left Exterior Girder	271.3126	0.95	1	1	6.646591
HS15_str_opr	BOBJ1	496.3126	Before	Interior Girder 1	271.3126	0.95	1	1	6.388073
HS15_str_opr	BOBJ1	496.3126	Before	Interior Girder 2	271.3126	0.95	1	1	6.388073
HS15_str_opr	BOBJ1	496.3126	Before	Right Exterior Girder	271.3126	0.95	1	1	6.646591
HS15_str_opr	BOBJ1	496.3126	After	Left Exterior Girder	271.3126	0.95	1	1	15.442819
HS15_str_opr	BOBJ1	496.3126	After	Interior Girder 1	271.3126	0.95	1	1	14.73177
HS15_str_opr	BOBJ1	496.3126	After	Interior Girder 2	271.3126	0.95	1	1	14.731769
HS15_str_opr	BOBJ1	496.3126	After	Right Exterior Girder	271.3126	0.95	1	1	15.442819

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelNonCompStrgth-Flx - Main Span Girders									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
HS15_str_opr	BOBJ1	499.3	Before	Left Exterior Girder	274.3	0.95	1	1	14.090212
HS15_str_opr	BOBJ1	499.3	Before	Interior Girder 1	274.3	0.95	1	1	13.382493
HS15_str_opr	BOBJ1	499.3	Before	Interior Girder 2	274.3	0.95	1	1	13.382493
HS15_str_opr	BOBJ1	499.3	Before	Right Exterior Girder	274.3	0.95	1	1	14.090212
HS15_str_opr	BOBJ1	499.3	After	Left Exterior Girder	274.3	0.95	1	1	12.016999
HS15_str_opr	BOBJ1	499.3	After	Interior Girder 1	274.3	0.95	1	1	11.418575
HS15_str_opr	BOBJ1	499.3	After	Interior Girder 2	274.3	0.95	1	1	11.418575
HS15_str_opr	BOBJ1	499.3	After	Right Exterior Girder	274.3	0.95	1	1	12.016999
HS15_str_opr	BOBJ1	503.8969	Before	Left Exterior Girder	278.8969	0.95	1	1	10.02548
HS15_str_opr	BOBJ1	503.8969	Before	Interior Girder 1	278.8969	0.95	1	1	9.426995
HS15_str_opr	BOBJ1	503.8969	Before	Interior Girder 2	278.8969	0.95	1	1	9.426995
HS15_str_opr	BOBJ1	503.8969	Before	Right Exterior Girder	278.8969	0.95	1	1	10.02548
HS15_str_opr	BOBJ1	503.8969	After	Left Exterior Girder	278.8969	0.95	1	1	19.360406
HS15_str_opr	BOBJ1	503.8969	After	Interior Girder 1	278.8969	0.95	1	1	18.183391
HS15_str_opr	BOBJ1	503.8969	After	Interior Girder 2	278.8969	0.95	1	1	18.18339
HS15_str_opr	BOBJ1	503.8969	After	Right Exterior Girder	278.8969	0.95	1	1	19.360406
HS15_str_opr	BOBJ1	510.7	Before	Left Exterior Girder	285.7	0.95	1	1	16.196267
HS15_str_opr	BOBJ1	510.7	Before	Interior Girder 1	285.7	0.95	1	1	14.969565
HS15_str_opr	BOBJ1	510.7	Before	Interior Girder 2	285.7	0.95	1	1	14.969564
HS15_str_opr	BOBJ1	510.7	Before	Right Exterior Girder	285.7	0.95	1	1	16.196267
HS15_str_opr	BOBJ1	510.7	After	Left Exterior Girder	285.7	0.95	1	1	16.2077
HS15_str_opr	BOBJ1	510.7	After	Interior Girder 1	285.7	0.95	1	1	14.959418
HS15_str_opr	BOBJ1	510.7	After	Interior Girder 2	285.7	0.95	1	1	14.959418
HS15_str_opr	BOBJ1	510.7	After	Right Exterior Girder	285.7	0.95	1	1	16.2077
HS15_str_opr	BOBJ1	511.4811	Before	Left Exterior Girder	286.4811	0.95	1	1	15.836267
HS15_str_opr	BOBJ1	511.4811	Before	Interior Girder 1	286.4811	0.95	1	1	14.605262
HS15_str_opr	BOBJ1	511.4811	Before	Interior Girder 2	286.4811	0.95	1	1	14.605262
HS15_str_opr	BOBJ1	511.4811	Before	Right Exterior Girder	286.4811	0.95	1	1	15.836267
HS15_str_opr	BOBJ1	511.4811	After	Left Exterior Girder	286.4811	0.95	1	1	23.338607
HS15_str_opr	BOBJ1	511.4811	After	Interior Girder 1	286.4811	0.95	1	1	21.698087
HS15_str_opr	BOBJ1	511.4811	After	Interior Girder 2	286.4811	0.95	1	1	21.698086
HS15_str_opr	BOBJ1	511.4811	After	Right Exterior Girder	286.4811	0.95	1	1	23.338607
HS15_str_opr	BOBJ1	522.1	Before	Left Exterior Girder	297.1	0.95	1	1	16.258494
HS15_str_opr	BOBJ1	522.1	Before	Interior Girder 1	297.1	0.95	1	1	16.438054
HS15_str_opr	BOBJ1	522.1	Before	Interior Girder 2	297.1	0.95	1	1	16.438053
HS15_str_opr	BOBJ1	522.1	Before	Right Exterior Girder	297.1	0.95	1	1	16.258494
HS15_str_opr	BOBJ1	522.1	After	Left Exterior Girder	297.1	0.95	1	1	16.708999
HS15_str_opr	BOBJ1	522.1	After	Interior Girder 1	297.1	0.95	1	1	16.454803
HS15_str_opr	BOBJ1	522.1	After	Interior Girder 2	297.1	0.95	1	1	16.454802
HS15_str_opr	BOBJ1	522.1	After	Right Exterior Girder	297.1	0.95	1	1	16.708999
HS15_str_opr	BOBJ1	530.4918	Before	Left Exterior Girder	305.4918	0.95	1	1	10.95435
HS15_str_opr	BOBJ1	530.4918	Before	Interior Girder 1	305.4918	0.95	1	1	10.898744
HS15_str_opr	BOBJ1	530.4918	Before	Interior Girder 2	305.4918	0.95	1	1	10.898745
HS15_str_opr	BOBJ1	530.4918	Before	Right Exterior Girder	305.4918	0.95	1	1	10.95435
HS15_str_opr	BOBJ1	530.4918	After	Left Exterior Girder	305.4918	0.95	1	1	16.686088
HS15_str_opr	BOBJ1	530.4918	After	Interior Girder 1	305.4918	0.95	1	1	16.61557
HS15_str_opr	BOBJ1	530.4918	After	Interior Girder 2	305.4918	0.95	1	1	16.615572
HS15_str_opr	BOBJ1	530.4918	After	Right Exterior Girder	305.4918	0.95	1	1	16.686088
HS15_str_opr	BOBJ1	533.55	Before	Left Exterior Girder	308.55	0.95	1	1	14.52825
HS15_str_opr	BOBJ1	533.55	Before	Interior Girder 1	308.55	0.95	1	1	14.364827
HS15_str_opr	BOBJ1	533.55	Before	Interior Girder 2	308.55	0.95	1	1	14.364829
HS15_str_opr	BOBJ1	533.55	Before	Right Exterior Girder	308.55	0.95	1	1	14.52825
HS15_str_opr	BOBJ1	533.55	After	Left Exterior Girder	308.55	0.95	1	1	14.497911
HS15_str_opr	BOBJ1	533.55	After	Interior Girder 1	308.55	0.95	1	1	14.357866
HS15_str_opr	BOBJ1	533.55	After	Interior Girder 2	308.55	0.95	1	1	14.357867
HS15_str_opr	BOBJ1	533.55	After	Right Exterior Girder	308.55	0.95	1	1	14.497911
HS15_str_opr	BOBJ1	545	Before	Left Exterior Girder	320	0.95	1	1	8.156132
HS15_str_opr	BOBJ1	545	Before	Interior Girder 1	320	0.95	1	1	7.47532
HS15_str_opr	BOBJ1	545	Before	Interior Girder 2	320	0.95	1	1	7.475321
HS15_str_opr	BOBJ1	545	Before	Right Exterior Girder	320	0.95	1	1	8.156131
HS15_str_opr	BOBJ1	545	After	Left Exterior Girder	0	0.95	1	1	8.659044
HS15_str_opr	BOBJ1	545	After	Interior Girder 1	0	0.95	1	1	7.781232
HS15_str_opr	BOBJ1	545	After	Interior Girder 2	0	0.95	1	1	7.781232
HS15_str_opr	BOBJ1	545	After	Right Exterior Girder	0	0.95	1	1	8.659044
HS15_str_opr	BOBJ1	556.25	Before	Left Exterior Girder	11.25	0.95	1	1	14.374774
HS15_str_opr	BOBJ1	556.25	Before	Interior Girder 1	11.25	0.95	1	1	13.512377
HS15_str_opr	BOBJ1	556.25	Before	Interior Girder 2	11.25	0.95	1	1	13.512377
HS15_str_opr	BOBJ1	556.25	Before	Right Exterior Girder	11.25	0.95	1	1	14.374773

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelNonCompStrgth-Flx - Main Span Girders

Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
HS15_str_opr	BOBJ1	556.25	After	Left Exterior Girder	11.25	0.95	1	1	14.391114
HS15_str_opr	BOBJ1	556.25	After	Interior Girder 1	11.25	0.95	1	1	13.536272
HS15_str_opr	BOBJ1	556.25	After	Interior Girder 2	11.25	0.95	1	1	13.536272
HS15_str_opr	BOBJ1	556.25	After	Right Exterior Girder	11.25	0.95	1	1	14.391113
HS15_str_opr	BOBJ1	559.4358	Before	Left Exterior Girder	14.4358	0.95	1	1	16.165316
HS15_str_opr	BOBJ1	559.4358	Before	Interior Girder 1	14.4358	0.95	1	1	15.429839
HS15_str_opr	BOBJ1	559.4358	Before	Interior Girder 2	14.4358	0.95	1	1	15.429839
HS15_str_opr	BOBJ1	559.4358	Before	Right Exterior Girder	14.4358	0.95	1	1	16.165315
HS15_str_opr	BOBJ1	559.4358	After	Left Exterior Girder	14.4358	0.95	1	1	10.512911
HS15_str_opr	BOBJ1	559.4358	After	Interior Girder 1	14.4358	0.95	1	1	10.004784
HS15_str_opr	BOBJ1	559.4358	After	Interior Girder 2	14.4358	0.95	1	1	10.004784
HS15_str_opr	BOBJ1	559.4358	After	Right Exterior Girder	14.4358	0.95	1	1	10.512911
HS15_str_opr	BOBJ1	567.5	Before	Left Exterior Girder	22.5	0.95	1	1	14.500977
HS15_str_opr	BOBJ1	567.5	Before	Interior Girder 1	22.5	0.95	1	1	13.291495
HS15_str_opr	BOBJ1	567.5	Before	Interior Girder 2	22.5	0.95	1	1	13.291495
HS15_str_opr	BOBJ1	567.5	Before	Right Exterior Girder	22.5	0.95	1	1	14.500977
HS15_str_opr	BOBJ1	567.5	After	Left Exterior Girder	22.5	0.95	1	1	15.342379
HS15_str_opr	BOBJ1	567.5	After	Interior Girder 1	22.5	0.95	1	1	14.27977
HS15_str_opr	BOBJ1	567.5	After	Interior Girder 2	22.5	0.95	1	1	14.27977
HS15_str_opr	BOBJ1	567.5	After	Right Exterior Girder	22.5	0.95	1	1	15.342378
HS15_str_opr	BOBJ1	570.0586	Before	Left Exterior Girder	25.0586	0.95	1	1	16.758202
HS15_str_opr	BOBJ1	570.0586	Before	Interior Girder 1	25.0586	0.95	1	1	15.253622
HS15_str_opr	BOBJ1	570.0586	Before	Interior Girder 2	25.0586	0.95	1	1	15.253622
HS15_str_opr	BOBJ1	570.0586	Before	Right Exterior Girder	25.0586	0.95	1	1	16.758201
HS15_str_opr	BOBJ1	570.0586	After	Left Exterior Girder	25.0586	0.95	1	1	9.983705
HS15_str_opr	BOBJ1	570.0586	After	Interior Girder 1	25.0586	0.95	1	1	9.067121
HS15_str_opr	BOBJ1	570.0586	After	Interior Girder 2	25.0586	0.95	1	1	9.067121
HS15_str_opr	BOBJ1	570.0586	After	Right Exterior Girder	25.0586	0.95	1	1	9.983705
HS15_str_opr	BOBJ1	578.75	Before	Left Exterior Girder	33.75	0.95	1	1	13.179543
HS15_str_opr	BOBJ1	578.75	Before	Interior Girder 1	33.75	0.95	1	1	12.133629
HS15_str_opr	BOBJ1	578.75	Before	Interior Girder 2	33.75	0.95	1	1	12.133629
HS15_str_opr	BOBJ1	578.75	Before	Right Exterior Girder	33.75	0.95	1	1	13.179543
HS15_str_opr	BOBJ1	578.75	After	Left Exterior Girder	33.75	0.95	1	1	13.147568
HS15_str_opr	BOBJ1	578.75	After	Interior Girder 1	33.75	0.95	1	1	12.156668
HS15_str_opr	BOBJ1	578.75	After	Interior Girder 2	33.75	0.95	1	1	12.156668
HS15_str_opr	BOBJ1	578.75	After	Right Exterior Girder	33.75	0.95	1	1	13.147568
HS15_str_opr	BOBJ1	586.8142	Before	Left Exterior Girder	41.8142	0.95	1	1	16.055926
HS15_str_opr	BOBJ1	586.8142	Before	Interior Girder 1	41.8142	0.95	1	1	15.106818
HS15_str_opr	BOBJ1	586.8142	Before	Interior Girder 2	41.8142	0.95	1	1	15.106818
HS15_str_opr	BOBJ1	586.8142	Before	Right Exterior Girder	41.8142	0.95	1	1	16.055926
HS15_str_opr	BOBJ1	586.8142	After	Left Exterior Girder	41.8142	0.95	1	1	7.42563
HS15_str_opr	BOBJ1	586.8142	After	Interior Girder 1	41.8142	0.95	1	1	6.97768
HS15_str_opr	BOBJ1	586.8142	After	Interior Girder 2	41.8142	0.95	1	1	6.97768
HS15_str_opr	BOBJ1	586.8142	After	Right Exterior Girder	41.8142	0.95	1	1	7.42563
HS15_str_opr	BOBJ1	590	Before	Left Exterior Girder	45	0.95	1	1	8.446563
HS15_str_opr	BOBJ1	590	Before	Interior Girder 1	45	0.95	1	1	8.004751
HS15_str_opr	BOBJ1	590	Before	Interior Girder 2	45	0.95	1	1	8.004751
HS15_str_opr	BOBJ1	590	Before	Right Exterior Girder	45	0.95	1	1	8.446563
HS15_str_opr	BOBJ1	590	After	Left Exterior Girder	45	0.95	1	1	5.552168
HS15_str_opr	BOBJ1	590	After	Interior Girder 1	45	0.95	1	1	5.303423
HS15_str_opr	BOBJ1	590	After	Interior Girder 2	45	0.95	1	1	5.303422
HS15_str_opr	BOBJ1	590	After	Right Exterior Girder	45	0.95	1	1	5.552168
HS15_str_opr	BOBJ1	601.25	Before	Left Exterior Girder	56.25	0.95	1	1	9.061519
HS15_str_opr	BOBJ1	601.25	Before	Interior Girder 1	56.25	0.95	1	1	8.786608
HS15_str_opr	BOBJ1	601.25	Before	Interior Girder 2	56.25	0.95	1	1	8.786608
HS15_str_opr	BOBJ1	601.25	Before	Right Exterior Girder	56.25	0.95	1	1	9.061519
HS15_str_opr	BOBJ1	601.25	After	Left Exterior Girder	56.25	0.95	1	1	9.042068
HS15_str_opr	BOBJ1	601.25	After	Interior Girder 1	56.25	0.95	1	1	8.80446
HS15_str_opr	BOBJ1	601.25	After	Interior Girder 2	56.25	0.95	1	1	8.80446
HS15_str_opr	BOBJ1	601.25	After	Right Exterior Girder	56.25	0.95	1	1	9.042068
HS15_str_opr	BOBJ1	601.7478	Before	Left Exterior Girder	56.7478	0.95	1	1	9.200719
HS15_str_opr	BOBJ1	601.7478	Before	Interior Girder 1	56.7478	0.95	1	1	8.963554
HS15_str_opr	BOBJ1	601.7478	Before	Interior Girder 2	56.7478	0.95	1	1	8.963554
HS15_str_opr	BOBJ1	601.7478	Before	Right Exterior Girder	56.7478	0.95	1	1	9.200719
HS15_str_opr	BOBJ1	601.7478	After	Left Exterior Girder	56.7478	0.95	1	1	2.924657
HS15_str_opr	BOBJ1	601.7478	After	Interior Girder 1	56.7478	0.95	1	1	2.880374
HS15_str_opr	BOBJ1	601.7478	After	Interior Girder 2	56.7478	0.95	1	1	2.880374
HS15_str_opr	BOBJ1	601.7478	After	Right Exterior Girder	56.7478	0.95	1	1	2.924657

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelINonCompStrgth-Flx - Main Span Girders									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
HS15_str_opr	BOBJ1	612.5	Before	Left Exterior Girder	67.5	0.95	1	1	5.997676
HS15_str_opr	BOBJ1	612.5	Before	Interior Girder 1	67.5	0.95	1	1	5.941705
HS15_str_opr	BOBJ1	612.5	Before	Interior Girder 2	67.5	0.95	1	1	5.941705
HS15_str_opr	BOBJ1	612.5	Before	Right Exterior Girder	67.5	0.95	1	1	5.997676
HS15_str_opr	BOBJ1	612.5	After	Left Exterior Girder	67.5	0.95	1	1	8.441479
HS15_str_opr	BOBJ1	612.5	After	Interior Girder 1	67.5	0.95	1	1	8.405977
HS15_str_opr	BOBJ1	612.5	After	Interior Girder 2	67.5	0.95	1	1	8.405977
HS15_str_opr	BOBJ1	612.5	After	Right Exterior Girder	67.5	0.95	1	1	8.441479
HS15_str_opr	BOBJ1	623.75	Before	Left Exterior Girder	78.75	0.95	1	1	7.831934
HS15_str_opr	BOBJ1	623.75	Before	Interior Girder 1	78.75	0.95	1	1	6.539511
HS15_str_opr	BOBJ1	623.75	Before	Interior Girder 2	78.75	0.95	1	1	6.539511
HS15_str_opr	BOBJ1	623.75	Before	Right Exterior Girder	78.75	0.95	1	1	7.831934
HS15_str_opr	BOBJ1	623.75	After	Left Exterior Girder	78.75	0.95	1	1	7.838833
HS15_str_opr	BOBJ1	623.75	After	Interior Girder 1	78.75	0.95	1	1	6.535003
HS15_str_opr	BOBJ1	623.75	After	Interior Girder 2	78.75	0.95	1	1	6.535003
HS15_str_opr	BOBJ1	623.75	After	Right Exterior Girder	78.75	0.95	1	1	7.838833
HS15_str_opr	BOBJ1	635	Before	Left Exterior Girder	90	0.95	1	1	5.463927
HS15_str_opr	BOBJ1	635	Before	Interior Girder 1	90	0.95	1	1	4.778914
HS15_str_opr	BOBJ1	635	Before	Interior Girder 2	90	0.95	1	1	4.778913
HS15_str_opr	BOBJ1	635	Before	Right Exterior Girder	90	0.95	1	1	5.463927
HS15_str_opr	BOBJ1	635	After	Left Exterior Girder	90	0.95	1	1	5.562899
HS15_str_opr	BOBJ1	635	After	Interior Girder 1	90	0.95	1	1	4.80431
HS15_str_opr	BOBJ1	635	After	Interior Girder 2	90	0.95	1	1	4.80431
HS15_str_opr	BOBJ1	635	After	Right Exterior Girder	90	0.95	1	1	5.562899
HS15_str_opr	BOBJ1	643.5619	Before	Left Exterior Girder	98.5619	0.95	1	1	4.345195
HS15_str_opr	BOBJ1	643.5619	Before	Interior Girder 1	98.5619	0.95	1	1	3.793147
HS15_str_opr	BOBJ1	643.5619	Before	Interior Girder 2	98.5619	0.95	1	1	3.793147
HS15_str_opr	BOBJ1	643.5619	Before	Right Exterior Girder	98.5619	0.95	1	1	4.345195
HS15_str_opr	BOBJ1	643.5619	After	Left Exterior Girder	98.5619	0.95	1	1	8.223134
HS15_str_opr	BOBJ1	643.5619	After	Interior Girder 1	98.5619	0.95	1	1	7.17067
HS15_str_opr	BOBJ1	643.5619	After	Interior Girder 2	98.5619	0.95	1	1	7.170669
HS15_str_opr	BOBJ1	643.5619	After	Right Exterior Girder	98.5619	0.95	1	1	8.223134
HS15_str_opr	BOBJ1	646.25	Before	Left Exterior Girder	101.25	0.95	1	1	7.817337
HS15_str_opr	BOBJ1	646.25	Before	Interior Girder 1	101.25	0.95	1	1	6.846572
HS15_str_opr	BOBJ1	646.25	Before	Interior Girder 2	101.25	0.95	1	1	6.846571
HS15_str_opr	BOBJ1	646.25	Before	Right Exterior Girder	101.25	0.95	1	1	7.817337
HS15_str_opr	BOBJ1	646.25	After	Left Exterior Girder	101.25	0.95	1	1	7.813657
HS15_str_opr	BOBJ1	646.25	After	Interior Girder 1	101.25	0.95	1	1	6.849974
HS15_str_opr	BOBJ1	646.25	After	Interior Girder 2	101.25	0.95	1	1	6.849973
HS15_str_opr	BOBJ1	646.25	After	Right Exterior Girder	101.25	0.95	1	1	7.813657
HS15_str_opr	BOBJ1	657.5	Before	Left Exterior Girder	112.5	0.95	1	1	6.482176
HS15_str_opr	BOBJ1	657.5	Before	Interior Girder 1	112.5	0.95	1	1	5.836647
HS15_str_opr	BOBJ1	657.5	Before	Interior Girder 2	112.5	0.95	1	1	5.836647
HS15_str_opr	BOBJ1	657.5	Before	Right Exterior Girder	112.5	0.95	1	1	6.482177
HS15_str_opr	BOBJ1	657.5	After	Left Exterior Girder	112.5	0.95	1	1	6.524729
HS15_str_opr	BOBJ1	657.5	After	Interior Girder 1	112.5	0.95	1	1	5.845352
HS15_str_opr	BOBJ1	657.5	After	Interior Girder 2	112.5	0.95	1	1	5.845352
HS15_str_opr	BOBJ1	657.5	After	Right Exterior Girder	112.5	0.95	1	1	6.524729
HS15_str_opr	BOBJ1	668.75	Before	Left Exterior Girder	123.75	0.95	1	1	5.743911
HS15_str_opr	BOBJ1	668.75	Before	Interior Girder 1	123.75	0.95	1	1	5.144109
HS15_str_opr	BOBJ1	668.75	Before	Interior Girder 2	123.75	0.95	1	1	5.144109
HS15_str_opr	BOBJ1	668.75	Before	Right Exterior Girder	123.75	0.95	1	1	5.743911
HS15_str_opr	BOBJ1	668.75	After	Left Exterior Girder	123.75	0.95	1	1	5.751249
HS15_str_opr	BOBJ1	668.75	After	Interior Girder 1	123.75	0.95	1	1	5.151855
HS15_str_opr	BOBJ1	668.75	After	Interior Girder 2	123.75	0.95	1	1	5.151855
HS15_str_opr	BOBJ1	668.75	After	Right Exterior Girder	123.75	0.95	1	1	5.751248
HS15_str_opr	BOBJ1	680	Before	Left Exterior Girder	135	0.95	1	1	5.276082
HS15_str_opr	BOBJ1	680	Before	Interior Girder 1	135	0.95	1	1	4.799314
HS15_str_opr	BOBJ1	680	Before	Interior Girder 2	135	0.95	1	1	4.799314
HS15_str_opr	BOBJ1	680	Before	Right Exterior Girder	135	0.95	1	1	5.276081
HS15_str_opr	BOBJ1	680	After	Left Exterior Girder	135	0.95	1	1	5.272619
HS15_str_opr	BOBJ1	680	After	Interior Girder 1	135	0.95	1	1	4.797173
HS15_str_opr	BOBJ1	680	After	Interior Girder 2	135	0.95	1	1	4.797173
HS15_str_opr	BOBJ1	680	After	Right Exterior Girder	135	0.95	1	1	5.272619
HS15_str_opr	BOBJ1	691.25	Before	Left Exterior Girder	146.25	0.95	1	1	5.174165
HS15_str_opr	BOBJ1	691.25	Before	Interior Girder 1	146.25	0.95	1	1	4.62648
HS15_str_opr	BOBJ1	691.25	Before	Interior Girder 2	146.25	0.95	1	1	4.62648
HS15_str_opr	BOBJ1	691.25	Before	Right Exterior Girder	146.25	0.95	1	1	5.174164

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelNonCompStrgth-Flx - Main Span Girders									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
HS15_str_opr	BOBJ1	691.25	After	Left Exterior Girder	146.25	0.95	1	1	5.17797
HS15_str_opr	BOBJ1	691.25	After	Interior Girder 1	146.25	0.95	1	1	4.622335
HS15_str_opr	BOBJ1	691.25	After	Interior Girder 2	146.25	0.95	1	1	4.622336
HS15_str_opr	BOBJ1	691.25	After	Right Exterior Girder	146.25	0.95	1	1	5.17797
HS15_str_opr	BOBJ1	702.5	Before	Left Exterior Girder	157.5	0.95	1	1	5.382896
HS15_str_opr	BOBJ1	702.5	Before	Interior Girder 1	157.5	0.95	1	1	4.787019
HS15_str_opr	BOBJ1	702.5	Before	Interior Girder 2	157.5	0.95	1	1	4.78702
HS15_str_opr	BOBJ1	702.5	Before	Right Exterior Girder	157.5	0.95	1	1	5.382896
HS15_str_opr	BOBJ1	702.5	After	Left Exterior Girder	157.5	0.95	1	1	5.333853
HS15_str_opr	BOBJ1	702.5	After	Interior Girder 1	157.5	0.95	1	1	4.805636
HS15_str_opr	BOBJ1	702.5	After	Interior Girder 2	157.5	0.95	1	1	4.805636
HS15_str_opr	BOBJ1	702.5	After	Right Exterior Girder	157.5	0.95	1	1	5.333852
HS15_str_opr	BOBJ1	713.75	Before	Left Exterior Girder	168.75	0.95	1	1	6.026149
HS15_str_opr	BOBJ1	713.75	Before	Interior Girder 1	168.75	0.95	1	1	5.206599
HS15_str_opr	BOBJ1	713.75	Before	Interior Girder 2	168.75	0.95	1	1	5.206599
HS15_str_opr	BOBJ1	713.75	Before	Right Exterior Girder	168.75	0.95	1	1	6.026148
HS15_str_opr	BOBJ1	713.75	After	Left Exterior Girder	168.75	0.95	1	1	6.026449
HS15_str_opr	BOBJ1	713.75	After	Interior Girder 1	168.75	0.95	1	1	5.206759
HS15_str_opr	BOBJ1	713.75	After	Interior Girder 2	168.75	0.95	1	1	5.206759
HS15_str_opr	BOBJ1	713.75	After	Right Exterior Girder	168.75	0.95	1	1	6.026448
HS15_str_opr	BOBJ1	725	Before	Left Exterior Girder	180	0.95	1	1	7.318621
HS15_str_opr	BOBJ1	725	Before	Interior Girder 1	180	0.95	1	1	6.15573
HS15_str_opr	BOBJ1	725	Before	Interior Girder 2	180	0.95	1	1	6.15573
HS15_str_opr	BOBJ1	725	Before	Right Exterior Girder	180	0.95	1	1	7.31862
HS15_str_opr	BOBJ1	725	After	Left Exterior Girder	180	0.95	1	1	7.224902
HS15_str_opr	BOBJ1	725	After	Interior Girder 1	180	0.95	1	1	6.213141
HS15_str_opr	BOBJ1	725	After	Interior Girder 2	180	0.95	1	1	6.213141
HS15_str_opr	BOBJ1	725	After	Right Exterior Girder	180	0.95	1	1	7.224902
HS15_str_opr	BOBJ1	731.1726	Before	Left Exterior Girder	186.1726	0.95	1	1	8.430154
HS15_str_opr	BOBJ1	731.1726	Before	Interior Girder 1	186.1726	0.95	1	1	6.951261
HS15_str_opr	BOBJ1	731.1726	Before	Interior Girder 2	186.1726	0.95	1	1	6.951261
HS15_str_opr	BOBJ1	731.1726	Before	Right Exterior Girder	186.1726	0.95	1	1	8.430154
HS15_str_opr	BOBJ1	731.1726	After	Left Exterior Girder	186.1726	0.95	1	1	3.620887
HS15_str_opr	BOBJ1	731.1726	After	Interior Girder 1	186.1726	0.95	1	1	2.970608
HS15_str_opr	BOBJ1	731.1726	After	Interior Girder 2	186.1726	0.95	1	1	2.970608
HS15_str_opr	BOBJ1	731.1726	After	Right Exterior Girder	186.1726	0.95	1	1	3.620887
HS15_str_opr	BOBJ1	736.25	Before	Left Exterior Girder	191.25	0.95	1	1	4.457785
HS15_str_opr	BOBJ1	736.25	Before	Interior Girder 1	191.25	0.95	1	1	3.518635
HS15_str_opr	BOBJ1	736.25	Before	Interior Girder 2	191.25	0.95	1	1	3.518635
HS15_str_opr	BOBJ1	736.25	Before	Right Exterior Girder	191.25	0.95	1	1	4.457785
HS15_str_opr	BOBJ1	736.25	After	Left Exterior Girder	191.25	0.95	1	1	4.444873
HS15_str_opr	BOBJ1	736.25	After	Interior Girder 1	191.25	0.95	1	1	3.516935
HS15_str_opr	BOBJ1	736.25	After	Interior Girder 2	191.25	0.95	1	1	3.516935
HS15_str_opr	BOBJ1	736.25	After	Right Exterior Girder	191.25	0.95	1	1	4.444873
HS15_str_opr	BOBJ1	747.5	Before	Left Exterior Girder	202.5	0.95	1	1	7.73631
HS15_str_opr	BOBJ1	747.5	Before	Interior Girder 1	202.5	0.95	1	1	5.696622
HS15_str_opr	BOBJ1	747.5	Before	Interior Girder 2	202.5	0.95	1	1	5.696622
HS15_str_opr	BOBJ1	747.5	Before	Right Exterior Girder	202.5	0.95	1	1	7.736309
HS15_str_opr	BOBJ1	747.5	After	Left Exterior Girder	202.5	0.95	1	1	7.418713
HS15_str_opr	BOBJ1	747.5	After	Interior Girder 1	202.5	0.95	1	1	5.621004
HS15_str_opr	BOBJ1	747.5	After	Interior Girder 2	202.5	0.95	1	1	5.621004
HS15_str_opr	BOBJ1	747.5	After	Right Exterior Girder	202.5	0.95	1	1	7.418712
HS15_str_opr	BOBJ1	758.75	Before	Left Exterior Girder	213.75	0.95	1	1	17.475765
HS15_str_opr	BOBJ1	758.75	Before	Interior Girder 1	213.75	0.95	1	1	11.696603
HS15_str_opr	BOBJ1	758.75	Before	Interior Girder 2	213.75	0.95	1	1	11.696604
HS15_str_opr	BOBJ1	758.75	Before	Right Exterior Girder	213.75	0.95	1	1	17.47576
HS15_str_opr	BOBJ1	758.75	After	Left Exterior Girder	213.75	0.95	1	1	17.419148
HS15_str_opr	BOBJ1	758.75	After	Interior Girder 1	213.75	0.95	1	1	11.542554
HS15_str_opr	BOBJ1	758.75	After	Interior Girder 2	213.75	0.95	1	1	11.542555
HS15_str_opr	BOBJ1	758.75	After	Right Exterior Girder	213.75	0.95	1	1	17.419143
HS15_str_opr	BOBJ1	770	Before	Left Exterior Girder	225	0.95	1	1	360.34846
HS15_str_opr	BOBJ1	770	Before	Interior Girder 1	225	0.95	1	1	299.309855
HS15_str_opr	BOBJ1	770	Before	Interior Girder 2	225	0.95	1	1	299.308804
HS15_str_opr	BOBJ1	770	Before	Right Exterior Girder	225	0.95	1	1	360.350264
HS15_str_inv	BOBJ1	0	After	Left Exterior Girder	0	0.95	1	1	277.984542
HS15_str_inv	BOBJ1	0	After	Interior Girder 1	0	0.95	1	1	230.896153
HS15_str_inv	BOBJ1	0	After	Interior Girder 2	0	0.95	1	1	230.895896
HS15_str_inv	BOBJ1	0	After	Right Exterior Girder	0	0.95	1	1	277.984533

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelINonCompStrgth-Flx - Main Span Girders									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
HS15_str_inv	BOBJ1	11.25	Before	Left Exterior Girder	11.25	0.95	1	1	13.437626
HS15_str_inv	BOBJ1	11.25	Before	Interior Girder 1	11.25	0.95	1	1	8.904256
HS15_str_inv	BOBJ1	11.25	Before	Interior Girder 2	11.25	0.95	1	1	8.904257
HS15_str_inv	BOBJ1	11.25	Before	Right Exterior Girder	11.25	0.95	1	1	13.437625
HS15_str_inv	BOBJ1	11.25	After	Left Exterior Girder	11.25	0.95	1	1	13.481302
HS15_str_inv	BOBJ1	11.25	After	Interior Girder 1	11.25	0.95	1	1	9.023094
HS15_str_inv	BOBJ1	11.25	After	Interior Girder 2	11.25	0.95	1	1	9.023096
HS15_str_inv	BOBJ1	11.25	After	Right Exterior Girder	11.25	0.95	1	1	13.481301
HS15_str_inv	BOBJ1	22.5	Before	Left Exterior Girder	22.5	0.95	1	1	5.723007
HS15_str_inv	BOBJ1	22.5	Before	Interior Girder 1	22.5	0.95	1	1	4.336203
HS15_str_inv	BOBJ1	22.5	Before	Interior Girder 2	22.5	0.95	1	1	4.336204
HS15_str_inv	BOBJ1	22.5	Before	Right Exterior Girder	22.5	0.95	1	1	5.723006
HS15_str_inv	BOBJ1	22.5	After	Left Exterior Girder	22.5	0.95	1	1	5.96801
HS15_str_inv	BOBJ1	22.5	After	Interior Girder 1	22.5	0.95	1	1	4.394537
HS15_str_inv	BOBJ1	22.5	After	Interior Girder 2	22.5	0.95	1	1	4.394538
HS15_str_inv	BOBJ1	22.5	After	Right Exterior Girder	22.5	0.95	1	1	5.96801
HS15_str_inv	BOBJ1	33.75	Before	Left Exterior Girder	33.75	0.95	1	1	3.428902
HS15_str_inv	BOBJ1	33.75	Before	Interior Girder 1	33.75	0.95	1	1	2.713064
HS15_str_inv	BOBJ1	33.75	Before	Interior Girder 2	33.75	0.95	1	1	2.713064
HS15_str_inv	BOBJ1	33.75	Before	Right Exterior Girder	33.75	0.95	1	1	3.428902
HS15_str_inv	BOBJ1	33.75	After	Left Exterior Girder	33.75	0.95	1	1	3.438862
HS15_str_inv	BOBJ1	33.75	After	Interior Girder 1	33.75	0.95	1	1	2.714375
HS15_str_inv	BOBJ1	33.75	After	Interior Girder 2	33.75	0.95	1	1	2.714376
HS15_str_inv	BOBJ1	33.75	After	Right Exterior Girder	33.75	0.95	1	1	3.438862
HS15_str_inv	BOBJ1	38.8274	Before	Left Exterior Girder	38.8274	0.95	1	1	2.793256
HS15_str_inv	BOBJ1	38.8274	Before	Interior Girder 1	38.8274	0.95	1	1	2.291612
HS15_str_inv	BOBJ1	38.8274	Before	Interior Girder 2	38.8274	0.95	1	1	2.291612
HS15_str_inv	BOBJ1	38.8274	Before	Right Exterior Girder	38.8274	0.95	1	1	2.793256
HS15_str_inv	BOBJ1	38.8274	After	Left Exterior Girder	38.8274	0.95	1	1	6.503261
HS15_str_inv	BOBJ1	38.8274	After	Interior Girder 1	38.8274	0.95	1	1	5.362402
HS15_str_inv	BOBJ1	38.8274	After	Interior Girder 2	38.8274	0.95	1	1	5.362402
HS15_str_inv	BOBJ1	38.8274	After	Right Exterior Girder	38.8274	0.95	1	1	6.503262
HS15_str_inv	BOBJ1	45	Before	Left Exterior Girder	45	0.95	1	1	5.573496
HS15_str_inv	BOBJ1	45	Before	Interior Girder 1	45	0.95	1	1	4.792994
HS15_str_inv	BOBJ1	45	Before	Interior Girder 2	45	0.95	1	1	4.792994
HS15_str_inv	BOBJ1	45	Before	Right Exterior Girder	45	0.95	1	1	5.573496
HS15_str_inv	BOBJ1	45	After	Left Exterior Girder	45	0.95	1	1	5.645793
HS15_str_inv	BOBJ1	45	After	Interior Girder 1	45	0.95	1	1	4.748706
HS15_str_inv	BOBJ1	45	After	Interior Girder 2	45	0.95	1	1	4.748706
HS15_str_inv	BOBJ1	45	After	Right Exterior Girder	45	0.95	1	1	5.645793
HS15_str_inv	BOBJ1	56.25	Before	Left Exterior Girder	56.25	0.95	1	1	4.648975
HS15_str_inv	BOBJ1	56.25	Before	Interior Girder 1	56.25	0.95	1	1	4.016643
HS15_str_inv	BOBJ1	56.25	Before	Interior Girder 2	56.25	0.95	1	1	4.016642
HS15_str_inv	BOBJ1	56.25	Before	Right Exterior Girder	56.25	0.95	1	1	4.648975
HS15_str_inv	BOBJ1	56.25	After	Left Exterior Girder	56.25	0.95	1	1	4.648743
HS15_str_inv	BOBJ1	56.25	After	Interior Girder 1	56.25	0.95	1	1	4.016519
HS15_str_inv	BOBJ1	56.25	After	Interior Girder 2	56.25	0.95	1	1	4.016519
HS15_str_inv	BOBJ1	56.25	After	Right Exterior Girder	56.25	0.95	1	1	4.648743
HS15_str_inv	BOBJ1	67.5	Before	Left Exterior Girder	67.5	0.95	1	1	4.114686
HS15_str_inv	BOBJ1	67.5	Before	Interior Girder 1	67.5	0.95	1	1	3.707205
HS15_str_inv	BOBJ1	67.5	Before	Interior Girder 2	67.5	0.95	1	1	3.707204
HS15_str_inv	BOBJ1	67.5	Before	Right Exterior Girder	67.5	0.95	1	1	4.114686
HS15_str_inv	BOBJ1	67.5	After	Left Exterior Girder	67.5	0.95	1	1	4.15252
HS15_str_inv	BOBJ1	67.5	After	Interior Girder 1	67.5	0.95	1	1	3.692844
HS15_str_inv	BOBJ1	67.5	After	Interior Girder 2	67.5	0.95	1	1	3.692843
HS15_str_inv	BOBJ1	67.5	After	Right Exterior Girder	67.5	0.95	1	1	4.15252
HS15_str_inv	BOBJ1	78.75	Before	Left Exterior Girder	78.75	0.95	1	1	3.994435
HS15_str_inv	BOBJ1	78.75	Before	Interior Girder 1	78.75	0.95	1	1	3.565801
HS15_str_inv	BOBJ1	78.75	Before	Interior Girder 2	78.75	0.95	1	1	3.565801
HS15_str_inv	BOBJ1	78.75	Before	Right Exterior Girder	78.75	0.95	1	1	3.994435
HS15_str_inv	BOBJ1	78.75	After	Left Exterior Girder	78.75	0.95	1	1	3.991499
HS15_str_inv	BOBJ1	78.75	After	Interior Girder 1	78.75	0.95	1	1	3.568999
HS15_str_inv	BOBJ1	78.75	After	Interior Girder 2	78.75	0.95	1	1	3.568998
HS15_str_inv	BOBJ1	78.75	After	Right Exterior Girder	78.75	0.95	1	1	3.991499
HS15_str_inv	BOBJ1	90	Before	Left Exterior Girder	90	0.95	1	1	4.067449
HS15_str_inv	BOBJ1	90	Before	Interior Girder 1	90	0.95	1	1	3.700676
HS15_str_inv	BOBJ1	90	Before	Interior Girder 2	90	0.95	1	1	3.700676
HS15_str_inv	BOBJ1	90	Before	Right Exterior Girder	90	0.95	1	1	4.067449

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelINonCompStrgth-Flx - Main Span Girders									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
HS15_str_inv	BOBJ1	90	After	Left Exterior Girder	90	0.95	1	1	4.07012
HS15_str_inv	BOBJ1	90	After	Interior Girder 1	90	0.95	1	1	3.702328
HS15_str_inv	BOBJ1	90	After	Interior Girder 2	90	0.95	1	1	3.702328
HS15_str_inv	BOBJ1	90	After	Right Exterior Girder	90	0.95	1	1	4.07012
HS15_str_inv	BOBJ1	101.25	Before	Left Exterior Girder	101.25	0.95	1	1	4.436678
HS15_str_inv	BOBJ1	101.25	Before	Interior Girder 1	101.25	0.95	1	1	3.974288
HS15_str_inv	BOBJ1	101.25	Before	Interior Girder 2	101.25	0.95	1	1	3.974288
HS15_str_inv	BOBJ1	101.25	Before	Right Exterior Girder	101.25	0.95	1	1	4.436678
HS15_str_inv	BOBJ1	101.25	After	Left Exterior Girder	101.25	0.95	1	1	4.431017
HS15_str_inv	BOBJ1	101.25	After	Interior Girder 1	101.25	0.95	1	1	3.968312
HS15_str_inv	BOBJ1	101.25	After	Interior Girder 2	101.25	0.95	1	1	3.968312
HS15_str_inv	BOBJ1	101.25	After	Right Exterior Girder	101.25	0.95	1	1	4.431017
HS15_str_inv	BOBJ1	112.5	Before	Left Exterior Girder	112.5	0.95	1	1	5.033362
HS15_str_inv	BOBJ1	112.5	Before	Interior Girder 1	112.5	0.95	1	1	4.509271
HS15_str_inv	BOBJ1	112.5	Before	Interior Girder 2	112.5	0.95	1	1	4.509271
HS15_str_inv	BOBJ1	112.5	Before	Right Exterior Girder	112.5	0.95	1	1	5.033363
HS15_str_inv	BOBJ1	112.5	After	Left Exterior Girder	112.5	0.95	1	1	5.000536
HS15_str_inv	BOBJ1	112.5	After	Interior Girder 1	112.5	0.95	1	1	4.502556
HS15_str_inv	BOBJ1	112.5	After	Interior Girder 2	112.5	0.95	1	1	4.502556
HS15_str_inv	BOBJ1	112.5	After	Right Exterior Girder	112.5	0.95	1	1	5.000536
HS15_str_inv	BOBJ1	123.75	Before	Left Exterior Girder	123.75	0.95	1	1	6.027679
HS15_str_inv	BOBJ1	123.75	Before	Interior Girder 1	123.75	0.95	1	1	5.284265
HS15_str_inv	BOBJ1	123.75	Before	Interior Girder 2	123.75	0.95	1	1	5.284266
HS15_str_inv	BOBJ1	123.75	Before	Right Exterior Girder	123.75	0.95	1	1	6.027678
HS15_str_inv	BOBJ1	123.75	After	Left Exterior Girder	123.75	0.95	1	1	6.030517
HS15_str_inv	BOBJ1	123.75	After	Interior Girder 1	123.75	0.95	1	1	5.281641
HS15_str_inv	BOBJ1	123.75	After	Interior Girder 2	123.75	0.95	1	1	5.281641
HS15_str_inv	BOBJ1	123.75	After	Right Exterior Girder	123.75	0.95	1	1	6.030517
HS15_str_inv	BOBJ1	126.4381	Before	Left Exterior Girder	126.4381	0.95	1	1	6.343561
HS15_str_inv	BOBJ1	126.4381	Before	Interior Girder 1	126.4381	0.95	1	1	5.531659
HS15_str_inv	BOBJ1	126.4381	Before	Interior Girder 2	126.4381	0.95	1	1	5.53166
HS15_str_inv	BOBJ1	126.4381	Before	Right Exterior Girder	126.4381	0.95	1	1	6.343561
HS15_str_inv	BOBJ1	126.4381	After	Left Exterior Girder	126.4381	0.95	1	1	3.352007
HS15_str_inv	BOBJ1	126.4381	After	Interior Girder 1	126.4381	0.95	1	1	2.926142
HS15_str_inv	BOBJ1	126.4381	After	Interior Girder 2	126.4381	0.95	1	1	2.926142
HS15_str_inv	BOBJ1	126.4381	After	Right Exterior Girder	126.4381	0.95	1	1	3.352007
HS15_str_inv	BOBJ1	135	Before	Left Exterior Girder	135	0.95	1	1	4.291342
HS15_str_inv	BOBJ1	135	Before	Interior Girder 1	135	0.95	1	1	3.706182
HS15_str_inv	BOBJ1	135	Before	Interior Girder 2	135	0.95	1	1	3.706182
HS15_str_inv	BOBJ1	135	Before	Right Exterior Girder	135	0.95	1	1	4.291342
HS15_str_inv	BOBJ1	135	After	Left Exterior Girder	135	0.95	1	1	4.215029
HS15_str_inv	BOBJ1	135	After	Interior Girder 1	135	0.95	1	1	3.68659
HS15_str_inv	BOBJ1	135	After	Interior Girder 2	135	0.95	1	1	3.68659
HS15_str_inv	BOBJ1	135	After	Right Exterior Girder	135	0.95	1	1	4.215029
HS15_str_inv	BOBJ1	146.25	Before	Left Exterior Girder	146.25	0.95	1	1	6.0471
HS15_str_inv	BOBJ1	146.25	Before	Interior Girder 1	146.25	0.95	1	1	5.041288
HS15_str_inv	BOBJ1	146.25	Before	Interior Girder 2	146.25	0.95	1	1	5.041288
HS15_str_inv	BOBJ1	146.25	Before	Right Exterior Girder	146.25	0.95	1	1	6.0471
HS15_str_inv	BOBJ1	146.25	After	Left Exterior Girder	146.25	0.95	1	1	6.041785
HS15_str_inv	BOBJ1	146.25	After	Interior Girder 1	146.25	0.95	1	1	5.044766
HS15_str_inv	BOBJ1	146.25	After	Interior Girder 2	146.25	0.95	1	1	5.044766
HS15_str_inv	BOBJ1	146.25	After	Right Exterior Girder	146.25	0.95	1	1	6.041785
HS15_str_inv	BOBJ1	157.5	Before	Left Exterior Girder	157.5	0.95	1	1	6.511998
HS15_str_inv	BOBJ1	157.5	Before	Interior Girder 1	157.5	0.95	1	1	6.484612
HS15_str_inv	BOBJ1	157.5	Before	Interior Girder 2	157.5	0.95	1	1	6.484611
HS15_str_inv	BOBJ1	157.5	Before	Right Exterior Girder	157.5	0.95	1	1	6.511998
HS15_str_inv	BOBJ1	157.5	After	Left Exterior Girder	157.5	0.95	1	1	4.626778
HS15_str_inv	BOBJ1	157.5	After	Interior Girder 1	157.5	0.95	1	1	4.583601
HS15_str_inv	BOBJ1	157.5	After	Interior Girder 2	157.5	0.95	1	1	4.583601
HS15_str_inv	BOBJ1	157.5	After	Right Exterior Girder	157.5	0.95	1	1	4.626779
HS15_str_inv	BOBJ1	168.2522	Before	Left Exterior Girder	168.2522	0.95	1	1	2.258859
HS15_str_inv	BOBJ1	168.2522	Before	Interior Girder 1	168.2522	0.95	1	1	2.218389
HS15_str_inv	BOBJ1	168.2522	Before	Interior Girder 2	168.2522	0.95	1	1	2.218389
HS15_str_inv	BOBJ1	168.2522	Before	Right Exterior Girder	168.2522	0.95	1	1	2.258859
HS15_str_inv	BOBJ1	168.2522	After	Left Exterior Girder	168.2522	0.95	1	1	7.102986
HS15_str_inv	BOBJ1	168.2522	After	Interior Girder 1	168.2522	0.95	1	1	6.90814
HS15_str_inv	BOBJ1	168.2522	After	Interior Girder 2	168.2522	0.95	1	1	6.90814
HS15_str_inv	BOBJ1	168.2522	After	Right Exterior Girder	168.2522	0.95	1	1	7.102986

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelINonCompStrgth-Flx - Main Span Girders									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
HS15_str_inv	BOBJ1	168.75	Before	Left Exterior Girder	168.75	0.95	1	1	6.975309
HS15_str_inv	BOBJ1	168.75	Before	Interior Girder 1	168.75	0.95	1	1	6.792012
HS15_str_inv	BOBJ1	168.75	Before	Interior Girder 2	168.75	0.95	1	1	6.792012
HS15_str_inv	BOBJ1	168.75	Before	Right Exterior Girder	168.75	0.95	1	1	6.97531
HS15_str_inv	BOBJ1	168.75	After	Left Exterior Girder	168.75	0.95	1	1	6.990314
HS15_str_inv	BOBJ1	168.75	After	Interior Girder 1	168.75	0.95	1	1	6.77824
HS15_str_inv	BOBJ1	168.75	After	Interior Girder 2	168.75	0.95	1	1	6.77824
HS15_str_inv	BOBJ1	168.75	After	Right Exterior Girder	168.75	0.95	1	1	6.990315
HS15_str_inv	BOBJ1	180	Before	Left Exterior Girder	180	0.95	1	1	4.283101
HS15_str_inv	BOBJ1	180	Before	Interior Girder 1	180	0.95	1	1	4.091212
HS15_str_inv	BOBJ1	180	Before	Interior Girder 2	180	0.95	1	1	4.091212
HS15_str_inv	BOBJ1	180	Before	Right Exterior Girder	180	0.95	1	1	4.283102
HS15_str_inv	BOBJ1	180	After	Left Exterior Girder	180	0.95	1	1	5.910196
HS15_str_inv	BOBJ1	180	After	Interior Girder 1	180	0.95	1	1	5.660554
HS15_str_inv	BOBJ1	180	After	Interior Girder 2	180	0.95	1	1	5.660554
HS15_str_inv	BOBJ1	180	After	Right Exterior Girder	180	0.95	1	1	5.910197
HS15_str_inv	BOBJ1	183.1858	Before	Left Exterior Girder	183.1858	0.95	1	1	5.126662
HS15_str_inv	BOBJ1	183.1858	Before	Interior Girder 1	183.1858	0.95	1	1	4.884734
HS15_str_inv	BOBJ1	183.1858	Before	Interior Girder 2	183.1858	0.95	1	1	4.884734
HS15_str_inv	BOBJ1	183.1858	Before	Right Exterior Girder	183.1858	0.95	1	1	5.126663
HS15_str_inv	BOBJ1	183.1858	After	Left Exterior Girder	183.1858	0.95	1	1	11.469121
HS15_str_inv	BOBJ1	183.1858	After	Interior Girder 1	183.1858	0.95	1	1	10.895992
HS15_str_inv	BOBJ1	183.1858	After	Interior Girder 2	183.1858	0.95	1	1	10.895992
HS15_str_inv	BOBJ1	183.1858	After	Right Exterior Girder	183.1858	0.95	1	1	11.469121
HS15_str_inv	BOBJ1	191.25	Before	Left Exterior Girder	191.25	0.95	1	1	9.268025
HS15_str_inv	BOBJ1	191.25	Before	Interior Girder 1	191.25	0.95	1	1	8.652733
HS15_str_inv	BOBJ1	191.25	Before	Interior Girder 2	191.25	0.95	1	1	8.652733
HS15_str_inv	BOBJ1	191.25	Before	Right Exterior Girder	191.25	0.95	1	1	9.268025
HS15_str_inv	BOBJ1	191.25	After	Left Exterior Girder	191.25	0.95	1	1	9.293299
HS15_str_inv	BOBJ1	191.25	After	Interior Girder 1	191.25	0.95	1	1	8.634005
HS15_str_inv	BOBJ1	191.25	After	Interior Girder 2	191.25	0.95	1	1	8.634005
HS15_str_inv	BOBJ1	191.25	After	Right Exterior Girder	191.25	0.95	1	1	9.293299
HS15_str_inv	BOBJ1	199.9414	Before	Left Exterior Girder	199.9414	0.95	1	1	6.864558
HS15_str_inv	BOBJ1	199.9414	Before	Interior Girder 1	199.9414	0.95	1	1	6.313047
HS15_str_inv	BOBJ1	199.9414	Before	Interior Girder 2	199.9414	0.95	1	1	6.313047
HS15_str_inv	BOBJ1	199.9414	Before	Right Exterior Girder	199.9414	0.95	1	1	6.864558
HS15_str_inv	BOBJ1	199.9414	After	Left Exterior Girder	199.9414	0.95	1	1	11.841752
HS15_str_inv	BOBJ1	199.9414	After	Interior Girder 1	199.9414	0.95	1	1	10.886204
HS15_str_inv	BOBJ1	199.9414	After	Interior Girder 2	199.9414	0.95	1	1	10.886204
HS15_str_inv	BOBJ1	199.9414	After	Right Exterior Girder	199.9414	0.95	1	1	11.841752
HS15_str_inv	BOBJ1	202.5	Before	Left Exterior Girder	202.5	0.95	1	1	10.800563
HS15_str_inv	BOBJ1	202.5	Before	Interior Girder 1	202.5	0.95	1	1	10.142863
HS15_str_inv	BOBJ1	202.5	Before	Interior Girder 2	202.5	0.95	1	1	10.142863
HS15_str_inv	BOBJ1	202.5	Before	Right Exterior Girder	202.5	0.95	1	1	10.800563
HS15_str_inv	BOBJ1	202.5	After	Left Exterior Girder	202.5	0.95	1	1	11.186468
HS15_str_inv	BOBJ1	202.5	After	Interior Girder 1	202.5	0.95	1	1	10.253438
HS15_str_inv	BOBJ1	202.5	After	Interior Girder 2	202.5	0.95	1	1	10.253439
HS15_str_inv	BOBJ1	202.5	After	Right Exterior Girder	202.5	0.95	1	1	11.186468
HS15_str_inv	BOBJ1	210.5642	Before	Left Exterior Girder	210.5642	0.95	1	1	8.10996
HS15_str_inv	BOBJ1	210.5642	Before	Interior Girder 1	210.5642	0.95	1	1	7.717976
HS15_str_inv	BOBJ1	210.5642	Before	Interior Girder 2	210.5642	0.95	1	1	7.717976
HS15_str_inv	BOBJ1	210.5642	Before	Right Exterior Girder	210.5642	0.95	1	1	8.10996
HS15_str_inv	BOBJ1	210.5642	After	Left Exterior Girder	210.5642	0.95	1	1	12.470386
HS15_str_inv	BOBJ1	210.5642	After	Interior Girder 1	210.5642	0.95	1	1	11.903018
HS15_str_inv	BOBJ1	210.5642	After	Interior Girder 2	210.5642	0.95	1	1	11.903018
HS15_str_inv	BOBJ1	210.5642	After	Right Exterior Girder	210.5642	0.95	1	1	12.470386
HS15_str_inv	BOBJ1	213.75	Before	Left Exterior Girder	213.75	0.95	1	1	11.101716
HS15_str_inv	BOBJ1	213.75	Before	Interior Girder 1	213.75	0.95	1	1	10.442267
HS15_str_inv	BOBJ1	213.75	Before	Interior Girder 2	213.75	0.95	1	1	10.442267
HS15_str_inv	BOBJ1	213.75	Before	Right Exterior Girder	213.75	0.95	1	1	11.101716
HS15_str_inv	BOBJ1	213.75	After	Left Exterior Girder	213.75	0.95	1	1	11.089111
HS15_str_inv	BOBJ1	213.75	After	Interior Girder 1	213.75	0.95	1	1	10.423834
HS15_str_inv	BOBJ1	213.75	After	Interior Girder 2	213.75	0.95	1	1	10.423834
HS15_str_inv	BOBJ1	213.75	After	Right Exterior Girder	213.75	0.95	1	1	11.089111
HS15_str_inv	BOBJ1	225	Before	Left Exterior Girder	225	0.95	1	1	6.679834
HS15_str_inv	BOBJ1	225	Before	Interior Girder 1	225	0.95	1	1	6.000924
HS15_str_inv	BOBJ1	225	Before	Interior Girder 2	225	0.95	1	1	6.000923
HS15_str_inv	BOBJ1	225	Before	Right Exterior Girder	225	0.95	1	1	6.679834

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelNonCompStrgth-Flx - Main Span Girders									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
HS15_str_inv	BOBJ1	225	After	Left Exterior Girder	0	0.95	1	1	6.291873
HS15_str_inv	BOBJ1	225	After	Interior Girder 1	0	0.95	1	1	5.766676
HS15_str_inv	BOBJ1	225	After	Interior Girder 2	0	0.95	1	1	5.766676
HS15_str_inv	BOBJ1	225	After	Right Exterior Girder	0	0.95	1	1	6.291873
HS15_str_inv	BOBJ1	236.45	Before	Left Exterior Girder	11.45	0.95	1	1	11.184102
HS15_str_inv	BOBJ1	236.45	Before	Interior Girder 1	11.45	0.95	1	1	11.076068
HS15_str_inv	BOBJ1	236.45	Before	Interior Girder 2	11.45	0.95	1	1	11.076069
HS15_str_inv	BOBJ1	236.45	Before	Right Exterior Girder	11.45	0.95	1	1	11.184102
HS15_str_inv	BOBJ1	236.45	After	Left Exterior Girder	11.45	0.95	1	1	11.207506
HS15_str_inv	BOBJ1	236.45	After	Interior Girder 1	11.45	0.95	1	1	11.081439
HS15_str_inv	BOBJ1	236.45	After	Interior Girder 2	11.45	0.95	1	1	11.081439
HS15_str_inv	BOBJ1	236.45	After	Right Exterior Girder	11.45	0.95	1	1	11.207506
HS15_str_inv	BOBJ1	239.5082	Before	Left Exterior Girder	14.5082	0.95	1	1	12.872124
HS15_str_inv	BOBJ1	239.5082	Before	Interior Girder 1	14.5082	0.95	1	1	12.817726
HS15_str_inv	BOBJ1	239.5082	Before	Interior Girder 2	14.5082	0.95	1	1	12.817727
HS15_str_inv	BOBJ1	239.5082	Before	Right Exterior Girder	14.5082	0.95	1	1	12.872124
HS15_str_inv	BOBJ1	239.5082	After	Left Exterior Girder	14.5082	0.95	1	1	8.450498
HS15_str_inv	BOBJ1	239.5082	After	Interior Girder 1	14.5082	0.95	1	1	8.407603
HS15_str_inv	BOBJ1	239.5082	After	Interior Girder 2	14.5082	0.95	1	1	8.407603
HS15_str_inv	BOBJ1	239.5082	After	Right Exterior Girder	14.5082	0.95	1	1	8.450498
HS15_str_inv	BOBJ1	247.9	Before	Left Exterior Girder	22.9	0.95	1	1	12.889799
HS15_str_inv	BOBJ1	247.9	Before	Interior Girder 1	22.9	0.95	1	1	12.693705
HS15_str_inv	BOBJ1	247.9	Before	Interior Girder 2	22.9	0.95	1	1	12.693705
HS15_str_inv	BOBJ1	247.9	Before	Right Exterior Girder	22.9	0.95	1	1	12.889799
HS15_str_inv	BOBJ1	247.9	After	Left Exterior Girder	22.9	0.95	1	1	12.542267
HS15_str_inv	BOBJ1	247.9	After	Interior Girder 1	22.9	0.95	1	1	12.680784
HS15_str_inv	BOBJ1	247.9	After	Interior Girder 2	22.9	0.95	1	1	12.680784
HS15_str_inv	BOBJ1	247.9	After	Right Exterior Girder	22.9	0.95	1	1	12.542267
HS15_str_inv	BOBJ1	258.5189	Before	Left Exterior Girder	33.5189	0.95	1	1	17.956185
HS15_str_inv	BOBJ1	258.5189	Before	Interior Girder 1	33.5189	0.95	1	1	16.73039
HS15_str_inv	BOBJ1	258.5189	Before	Interior Girder 2	33.5189	0.95	1	1	16.73039
HS15_str_inv	BOBJ1	258.5189	Before	Right Exterior Girder	33.5189	0.95	1	1	17.956185
HS15_str_inv	BOBJ1	258.5189	After	Left Exterior Girder	33.5189	0.95	1	1	12.214653
HS15_str_inv	BOBJ1	258.5189	After	Interior Girder 1	33.5189	0.95	1	1	11.260509
HS15_str_inv	BOBJ1	258.5189	After	Interior Girder 2	33.5189	0.95	1	1	11.260509
HS15_str_inv	BOBJ1	258.5189	After	Right Exterior Girder	33.5189	0.95	1	1	12.214653
HS15_str_inv	BOBJ1	259.3	Before	Left Exterior Girder	34.3	0.95	1	1	12.503083
HS15_str_inv	BOBJ1	259.3	Before	Interior Girder 1	34.3	0.95	1	1	11.540123
HS15_str_inv	BOBJ1	259.3	Before	Interior Girder 2	34.3	0.95	1	1	11.540123
HS15_str_inv	BOBJ1	259.3	Before	Right Exterior Girder	34.3	0.95	1	1	12.503083
HS15_str_inv	BOBJ1	259.3	After	Left Exterior Girder	34.3	0.95	1	1	12.494263
HS15_str_inv	BOBJ1	259.3	After	Interior Girder 1	34.3	0.95	1	1	11.54795
HS15_str_inv	BOBJ1	259.3	After	Interior Girder 2	34.3	0.95	1	1	11.54795
HS15_str_inv	BOBJ1	259.3	After	Right Exterior Girder	34.3	0.95	1	1	12.494263
HS15_str_inv	BOBJ1	266.1031	Before	Left Exterior Girder	41.1031	0.95	1	1	14.935171
HS15_str_inv	BOBJ1	266.1031	Before	Interior Girder 1	41.1031	0.95	1	1	14.027187
HS15_str_inv	BOBJ1	266.1031	Before	Interior Girder 2	41.1031	0.95	1	1	14.027187
HS15_str_inv	BOBJ1	266.1031	Before	Right Exterior Girder	41.1031	0.95	1	1	14.935171
HS15_str_inv	BOBJ1	266.1031	After	Left Exterior Girder	41.1031	0.95	1	1	7.733942
HS15_str_inv	BOBJ1	266.1031	After	Interior Girder 1	41.1031	0.95	1	1	7.272254
HS15_str_inv	BOBJ1	266.1031	After	Interior Girder 2	41.1031	0.95	1	1	7.272254
HS15_str_inv	BOBJ1	266.1031	After	Right Exterior Girder	41.1031	0.95	1	1	7.733942
HS15_str_inv	BOBJ1	270.7	Before	Left Exterior Girder	45.7	0.95	1	1	9.270257
HS15_str_inv	BOBJ1	270.7	Before	Interior Girder 1	45.7	0.95	1	1	8.808615
HS15_str_inv	BOBJ1	270.7	Before	Interior Girder 2	45.7	0.95	1	1	8.808615
HS15_str_inv	BOBJ1	270.7	Before	Right Exterior Girder	45.7	0.95	1	1	9.270257
HS15_str_inv	BOBJ1	270.7	After	Left Exterior Girder	45.7	0.95	1	1	10.869592
HS15_str_inv	BOBJ1	270.7	After	Interior Girder 1	45.7	0.95	1	1	10.323637
HS15_str_inv	BOBJ1	270.7	After	Interior Girder 2	45.7	0.95	1	1	10.323637
HS15_str_inv	BOBJ1	270.7	After	Right Exterior Girder	45.7	0.95	1	1	10.869592
HS15_str_inv	BOBJ1	273.6874	Before	Left Exterior Girder	48.6874	0.95	1	1	11.908686
HS15_str_inv	BOBJ1	273.6874	Before	Interior Girder 1	48.6874	0.95	1	1	11.354934
HS15_str_inv	BOBJ1	273.6874	Before	Interior Girder 2	48.6874	0.95	1	1	11.354934
HS15_str_inv	BOBJ1	273.6874	Before	Right Exterior Girder	48.6874	0.95	1	1	11.908686
HS15_str_inv	BOBJ1	273.6874	After	Left Exterior Girder	48.6874	0.95	1	1	5.125985
HS15_str_inv	BOBJ1	273.6874	After	Interior Girder 1	48.6874	0.95	1	1	4.923224
HS15_str_inv	BOBJ1	273.6874	After	Interior Girder 2	48.6874	0.95	1	1	4.923224
HS15_str_inv	BOBJ1	273.6874	After	Right Exterior Girder	48.6874	0.95	1	1	5.125985

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelINonCompStrgth-Flx - Main Span Girders									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
HS15_str_inv	BOBJ1	282.15	Before	Left Exterior Girder	57.15	0.95	1	1	7.856407
HS15_str_inv	BOBJ1	282.15	Before	Interior Girder 1	57.15	0.95	1	1	7.616394
HS15_str_inv	BOBJ1	282.15	Before	Interior Girder 2	57.15	0.95	1	1	7.616394
HS15_str_inv	BOBJ1	282.15	Before	Right Exterior Girder	57.15	0.95	1	1	7.856407
HS15_str_inv	BOBJ1	282.15	After	Left Exterior Girder	57.15	0.95	1	1	7.845177
HS15_str_inv	BOBJ1	282.15	After	Interior Girder 1	57.15	0.95	1	1	7.627197
HS15_str_inv	BOBJ1	282.15	After	Interior Girder 2	57.15	0.95	1	1	7.627197
HS15_str_inv	BOBJ1	282.15	After	Right Exterior Girder	57.15	0.95	1	1	7.845177
HS15_str_inv	BOBJ1	293.6	Before	Left Exterior Girder	68.6	0.95	1	1	5.923509
HS15_str_inv	BOBJ1	293.6	Before	Interior Girder 1	68.6	0.95	1	1	4.715815
HS15_str_inv	BOBJ1	293.6	Before	Interior Girder 2	68.6	0.95	1	1	4.715815
HS15_str_inv	BOBJ1	293.6	Before	Right Exterior Girder	68.6	0.95	1	1	5.923509
HS15_str_inv	BOBJ1	293.6	After	Left Exterior Girder	68.6	0.95	1	1	6.131203
HS15_str_inv	BOBJ1	293.6	After	Interior Girder 1	68.6	0.95	1	1	4.805195
HS15_str_inv	BOBJ1	293.6	After	Interior Girder 2	68.6	0.95	1	1	4.805195
HS15_str_inv	BOBJ1	293.6	After	Right Exterior Girder	68.6	0.95	1	1	6.131203
HS15_str_inv	BOBJ1	305	Before	Left Exterior Girder	80	0.95	1	1	3.314193
HS15_str_inv	BOBJ1	305	Before	Interior Girder 1	80	0.95	1	1	2.666121
HS15_str_inv	BOBJ1	305	Before	Interior Girder 2	80	0.95	1	1	2.666121
HS15_str_inv	BOBJ1	305	Before	Right Exterior Girder	80	0.95	1	1	3.314193
HS15_str_inv	BOBJ1	305	After	Left Exterior Girder	80	0.95	1	1	3.315063
HS15_str_inv	BOBJ1	305	After	Interior Girder 1	80	0.95	1	1	2.664625
HS15_str_inv	BOBJ1	305	After	Interior Girder 2	80	0.95	1	1	2.664625
HS15_str_inv	BOBJ1	305	After	Right Exterior Girder	80	0.95	1	1	3.315063
HS15_str_inv	BOBJ1	306.9561	Before	Left Exterior Girder	81.9561	0.95	1	1	2.938243
HS15_str_inv	BOBJ1	306.9561	Before	Interior Girder 1	81.9561	0.95	1	1	2.388768
HS15_str_inv	BOBJ1	306.9561	Before	Interior Girder 2	81.9561	0.95	1	1	2.388768
HS15_str_inv	BOBJ1	306.9561	Before	Right Exterior Girder	81.9561	0.95	1	1	2.938243
HS15_str_inv	BOBJ1	306.9561	After	Left Exterior Girder	81.9561	0.95	1	1	7.684864
HS15_str_inv	BOBJ1	306.9561	After	Interior Girder 1	81.9561	0.95	1	1	6.327494
HS15_str_inv	BOBJ1	306.9561	After	Interior Girder 2	81.9561	0.95	1	1	6.327494
HS15_str_inv	BOBJ1	306.9561	After	Right Exterior Girder	81.9561	0.95	1	1	7.684864
HS15_str_inv	BOBJ1	316.4	Before	Left Exterior Girder	91.4	0.95	1	1	5.648906
HS15_str_inv	BOBJ1	316.4	Before	Interior Girder 1	91.4	0.95	1	1	4.826969
HS15_str_inv	BOBJ1	316.4	Before	Interior Girder 2	91.4	0.95	1	1	4.826969
HS15_str_inv	BOBJ1	316.4	Before	Right Exterior Girder	91.4	0.95	1	1	5.648907
HS15_str_inv	BOBJ1	316.4	After	Left Exterior Girder	91.4	0.95	1	1	5.722105
HS15_str_inv	BOBJ1	316.4	After	Interior Girder 1	91.4	0.95	1	1	4.827695
HS15_str_inv	BOBJ1	316.4	After	Interior Girder 2	91.4	0.95	1	1	4.827695
HS15_str_inv	BOBJ1	316.4	After	Right Exterior Girder	91.4	0.95	1	1	5.722105
HS15_str_inv	BOBJ1	327.85	Before	Left Exterior Girder	102.9679	0.95	1	1	4.096432
HS15_str_inv	BOBJ1	327.85	Before	Interior Girder 1	102.9679	0.95	1	1	3.485854
HS15_str_inv	BOBJ1	327.85	Before	Interior Girder 2	102.9679	0.95	1	1	3.485854
HS15_str_inv	BOBJ1	327.85	Before	Right Exterior Girder	102.9679	0.95	1	1	4.096431
HS15_str_inv	BOBJ1	327.85	After	Left Exterior Girder	102.9679	0.95	1	1	7.912632
HS15_str_inv	BOBJ1	327.85	After	Interior Girder 1	102.9679	0.95	1	1	6.843233
HS15_str_inv	BOBJ1	327.85	After	Interior Girder 2	102.9679	0.95	1	1	6.843233
HS15_str_inv	BOBJ1	327.85	After	Right Exterior Girder	102.9679	0.95	1	1	7.912632
HS15_str_inv	BOBJ1	339.3	Before	Left Exterior Girder	114.3	0.95	1	1	6.436367
HS15_str_inv	BOBJ1	339.3	Before	Interior Girder 1	114.3	0.95	1	1	5.711111
HS15_str_inv	BOBJ1	339.3	Before	Interior Girder 2	114.3	0.95	1	1	5.711111
HS15_str_inv	BOBJ1	339.3	Before	Right Exterior Girder	114.3	0.95	1	1	6.436367
HS15_str_inv	BOBJ1	339.3	After	Left Exterior Girder	114.3	0.95	1	1	6.483634
HS15_str_inv	BOBJ1	339.3	After	Interior Girder 1	114.3	0.95	1	1	5.718595
HS15_str_inv	BOBJ1	339.3	After	Interior Girder 2	114.3	0.95	1	1	5.718596
HS15_str_inv	BOBJ1	339.3	After	Right Exterior Girder	114.3	0.95	1	1	6.483634
HS15_str_inv	BOBJ1	350.7	Before	Left Exterior Girder	125.7	0.95	1	1	5.558142
HS15_str_inv	BOBJ1	350.7	Before	Interior Girder 1	125.7	0.95	1	1	4.906332
HS15_str_inv	BOBJ1	350.7	Before	Interior Girder 2	125.7	0.95	1	1	4.906332
HS15_str_inv	BOBJ1	350.7	Before	Right Exterior Girder	125.7	0.95	1	1	5.558142
HS15_str_inv	BOBJ1	350.7	After	Left Exterior Girder	125.7	0.95	1	1	5.556566
HS15_str_inv	BOBJ1	350.7	After	Interior Girder 1	125.7	0.95	1	1	4.907026
HS15_str_inv	BOBJ1	350.7	After	Interior Girder 2	125.7	0.95	1	1	4.907027
HS15_str_inv	BOBJ1	350.7	After	Right Exterior Girder	125.7	0.95	1	1	5.556566
HS15_str_inv	BOBJ1	362.1	Before	Left Exterior Girder	137.1	0.95	1	1	4.923621
HS15_str_inv	BOBJ1	362.1	Before	Interior Girder 1	137.1	0.95	1	1	4.419012
HS15_str_inv	BOBJ1	362.1	Before	Interior Girder 2	137.1	0.95	1	1	4.419012
HS15_str_inv	BOBJ1	362.1	Before	Right Exterior Girder	137.1	0.95	1	1	4.923621

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelINonCompStrgth-Flx - Main Span Girders									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
HS15_str_inv	BOBJ1	362.1	After	Left Exterior Girder	137.1	0.95	1	1	4.94761
HS15_str_inv	BOBJ1	362.1	After	Interior Girder 1	137.1	0.95	1	1	4.427863
HS15_str_inv	BOBJ1	362.1	After	Interior Girder 2	137.1	0.95	1	1	4.427863
HS15_str_inv	BOBJ1	362.1	After	Right Exterior Girder	137.1	0.95	1	1	4.94761
HS15_str_inv	BOBJ1	373.55	Before	Left Exterior Girder	148.55	0.95	1	1	4.628724
HS15_str_inv	BOBJ1	373.55	Before	Interior Girder 1	148.55	0.95	1	1	4.121051
HS15_str_inv	BOBJ1	373.55	Before	Interior Girder 2	148.55	0.95	1	1	4.121051
HS15_str_inv	BOBJ1	373.55	Before	Right Exterior Girder	148.55	0.95	1	1	4.628724
HS15_str_inv	BOBJ1	373.55	After	Left Exterior Girder	148.55	0.95	1	1	4.628143
HS15_str_inv	BOBJ1	373.55	After	Interior Girder 1	148.55	0.95	1	1	4.12299
HS15_str_inv	BOBJ1	373.55	After	Interior Girder 2	148.55	0.95	1	1	4.12299
HS15_str_inv	BOBJ1	373.55	After	Right Exterior Girder	148.55	0.95	1	1	4.628143
HS15_str_inv	BOBJ1	385	Before	Left Exterior Girder	160	0.95	1	1	4.501349
HS15_str_inv	BOBJ1	385	Before	Interior Girder 1	160	0.95	1	1	4.050152
HS15_str_inv	BOBJ1	385	Before	Interior Girder 2	160	0.95	1	1	4.050152
HS15_str_inv	BOBJ1	385	Before	Right Exterior Girder	160	0.95	1	1	4.501349
HS15_str_inv	BOBJ1	385	After	Left Exterior Girder	160	0.95	1	1	4.501349
HS15_str_inv	BOBJ1	385	After	Interior Girder 1	160	0.95	1	1	4.050152
HS15_str_inv	BOBJ1	385	After	Interior Girder 2	160	0.95	1	1	4.050152
HS15_str_inv	BOBJ1	385	After	Right Exterior Girder	160	0.95	1	1	4.501349
HS15_str_inv	BOBJ1	396.45	Before	Left Exterior Girder	171.45	0.95	1	1	4.628143
HS15_str_inv	BOBJ1	396.45	Before	Interior Girder 1	171.45	0.95	1	1	4.12299
HS15_str_inv	BOBJ1	396.45	Before	Interior Girder 2	171.45	0.95	1	1	4.12299
HS15_str_inv	BOBJ1	396.45	Before	Right Exterior Girder	171.45	0.95	1	1	4.628143
HS15_str_inv	BOBJ1	396.45	After	Left Exterior Girder	171.45	0.95	1	1	4.628724
HS15_str_inv	BOBJ1	396.45	After	Interior Girder 1	171.45	0.95	1	1	4.121051
HS15_str_inv	BOBJ1	396.45	After	Interior Girder 2	171.45	0.95	1	1	4.121051
HS15_str_inv	BOBJ1	396.45	After	Right Exterior Girder	171.45	0.95	1	1	4.628724
HS15_str_inv	BOBJ1	407.9	Before	Left Exterior Girder	182.9	0.95	1	1	4.947611
HS15_str_inv	BOBJ1	407.9	Before	Interior Girder 1	182.9	0.95	1	1	4.427863
HS15_str_inv	BOBJ1	407.9	Before	Interior Girder 2	182.9	0.95	1	1	4.427863
HS15_str_inv	BOBJ1	407.9	Before	Right Exterior Girder	182.9	0.95	1	1	4.947611
HS15_str_inv	BOBJ1	407.9	After	Left Exterior Girder	182.9	0.95	1	1	4.92362
HS15_str_inv	BOBJ1	407.9	After	Interior Girder 1	182.9	0.95	1	1	4.419012
HS15_str_inv	BOBJ1	407.9	After	Interior Girder 2	182.9	0.95	1	1	4.419012
HS15_str_inv	BOBJ1	407.9	After	Right Exterior Girder	182.9	0.95	1	1	4.92362
HS15_str_inv	BOBJ1	419.3	Before	Left Exterior Girder	194.3	0.95	1	1	5.556566
HS15_str_inv	BOBJ1	419.3	Before	Interior Girder 1	194.3	0.95	1	1	4.907026
HS15_str_inv	BOBJ1	419.3	Before	Interior Girder 2	194.3	0.95	1	1	4.907026
HS15_str_inv	BOBJ1	419.3	Before	Right Exterior Girder	194.3	0.95	1	1	5.556566
HS15_str_inv	BOBJ1	419.3	After	Left Exterior Girder	194.3	0.95	1	1	5.558142
HS15_str_inv	BOBJ1	419.3	After	Interior Girder 1	194.3	0.95	1	1	4.906332
HS15_str_inv	BOBJ1	419.3	After	Interior Girder 2	194.3	0.95	1	1	4.906332
HS15_str_inv	BOBJ1	419.3	After	Right Exterior Girder	194.3	0.95	1	1	5.558142
HS15_str_inv	BOBJ1	430.7	Before	Left Exterior Girder	205.7	0.95	1	1	6.483635
HS15_str_inv	BOBJ1	430.7	Before	Interior Girder 1	205.7	0.95	1	1	5.718595
HS15_str_inv	BOBJ1	430.7	Before	Interior Girder 2	205.7	0.95	1	1	5.718595
HS15_str_inv	BOBJ1	430.7	Before	Right Exterior Girder	205.7	0.95	1	1	6.483634
HS15_str_inv	BOBJ1	430.7	After	Left Exterior Girder	205.7	0.95	1	1	6.436367
HS15_str_inv	BOBJ1	430.7	After	Interior Girder 1	205.7	0.95	1	1	5.711111
HS15_str_inv	BOBJ1	430.7	After	Interior Girder 2	205.7	0.95	1	1	5.71111
HS15_str_inv	BOBJ1	430.7	After	Right Exterior Girder	205.7	0.95	1	1	6.436367
HS15_str_inv	BOBJ1	442.15	Before	Left Exterior Girder	217.0321	0.95	1	1	7.899427
HS15_str_inv	BOBJ1	442.15	Before	Interior Girder 1	217.0321	0.95	1	1	6.84294
HS15_str_inv	BOBJ1	442.15	Before	Interior Girder 2	217.0321	0.95	1	1	6.84294
HS15_str_inv	BOBJ1	442.15	Before	Right Exterior Girder	217.0321	0.95	1	1	7.899427
HS15_str_inv	BOBJ1	442.15	After	Left Exterior Girder	217.0321	0.95	1	1	4.090582
HS15_str_inv	BOBJ1	442.15	After	Interior Girder 1	217.0321	0.95	1	1	3.484763
HS15_str_inv	BOBJ1	442.15	After	Interior Girder 2	217.0321	0.95	1	1	3.484763
HS15_str_inv	BOBJ1	442.15	After	Right Exterior Girder	217.0321	0.95	1	1	4.090582
HS15_str_inv	BOBJ1	453.6	Before	Left Exterior Girder	228.6	0.95	1	1	5.722105
HS15_str_inv	BOBJ1	453.6	Before	Interior Girder 1	228.6	0.95	1	1	4.827695
HS15_str_inv	BOBJ1	453.6	Before	Interior Girder 2	228.6	0.95	1	1	4.827695
HS15_str_inv	BOBJ1	453.6	Before	Right Exterior Girder	228.6	0.95	1	1	5.722105
HS15_str_inv	BOBJ1	453.6	After	Left Exterior Girder	228.6	0.95	1	1	5.648906
HS15_str_inv	BOBJ1	453.6	After	Interior Girder 1	228.6	0.95	1	1	4.826969
HS15_str_inv	BOBJ1	453.6	After	Interior Girder 2	228.6	0.95	1	1	4.826969
HS15_str_inv	BOBJ1	453.6	After	Right Exterior Girder	228.6	0.95	1	1	5.648906

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelINonCompStrgth-Flx - Main Span Girders									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
HS15_str_inv	BOBJ1	463.0439	Before	Left Exterior Girder	238.0439	0.95	1	1	7.662025
HS15_str_inv	BOBJ1	463.0439	Before	Interior Girder 1	238.0439	0.95	1	1	6.327556
HS15_str_inv	BOBJ1	463.0439	Before	Interior Girder 2	238.0439	0.95	1	1	6.327556
HS15_str_inv	BOBJ1	463.0439	Before	Right Exterior Girder	238.0439	0.95	1	1	7.662024
HS15_str_inv	BOBJ1	463.0439	After	Left Exterior Girder	238.0439	0.95	1	1	2.930439
HS15_str_inv	BOBJ1	463.0439	After	Interior Girder 1	238.0439	0.95	1	1	2.387753
HS15_str_inv	BOBJ1	463.0439	After	Interior Girder 2	238.0439	0.95	1	1	2.387753
HS15_str_inv	BOBJ1	463.0439	After	Right Exterior Girder	238.0439	0.95	1	1	2.930438
HS15_str_inv	BOBJ1	465	Before	Left Exterior Girder	240	0.95	1	1	3.315063
HS15_str_inv	BOBJ1	465	Before	Interior Girder 1	240	0.95	1	1	2.664625
HS15_str_inv	BOBJ1	465	Before	Interior Girder 2	240	0.95	1	1	2.664625
HS15_str_inv	BOBJ1	465	Before	Right Exterior Girder	240	0.95	1	1	3.315063
HS15_str_inv	BOBJ1	465	After	Left Exterior Girder	240	0.95	1	1	3.314193
HS15_str_inv	BOBJ1	465	After	Interior Girder 1	240	0.95	1	1	2.666121
HS15_str_inv	BOBJ1	465	After	Interior Girder 2	240	0.95	1	1	2.666121
HS15_str_inv	BOBJ1	465	After	Right Exterior Girder	240	0.95	1	1	3.314193
HS15_str_inv	BOBJ1	476.4	Before	Left Exterior Girder	251.4	0.95	1	1	6.131203
HS15_str_inv	BOBJ1	476.4	Before	Interior Girder 1	251.4	0.95	1	1	4.805195
HS15_str_inv	BOBJ1	476.4	Before	Interior Girder 2	251.4	0.95	1	1	4.805196
HS15_str_inv	BOBJ1	476.4	Before	Right Exterior Girder	251.4	0.95	1	1	6.131203
HS15_str_inv	BOBJ1	476.4	After	Left Exterior Girder	251.4	0.95	1	1	5.923508
HS15_str_inv	BOBJ1	476.4	After	Interior Girder 1	251.4	0.95	1	1	4.715815
HS15_str_inv	BOBJ1	476.4	After	Interior Girder 2	251.4	0.95	1	1	4.715816
HS15_str_inv	BOBJ1	476.4	After	Right Exterior Girder	251.4	0.95	1	1	5.923508
HS15_str_inv	BOBJ1	487.85	Before	Left Exterior Girder	262.85	0.95	1	1	7.666097
HS15_str_inv	BOBJ1	487.85	Before	Interior Girder 1	262.85	0.95	1	1	7.534123
HS15_str_inv	BOBJ1	487.85	Before	Interior Girder 2	262.85	0.95	1	1	7.534123
HS15_str_inv	BOBJ1	487.85	Before	Right Exterior Girder	262.85	0.95	1	1	7.666097
HS15_str_inv	BOBJ1	487.85	After	Left Exterior Girder	262.85	0.95	1	1	7.677453
HS15_str_inv	BOBJ1	487.85	After	Interior Girder 1	262.85	0.95	1	1	7.523253
HS15_str_inv	BOBJ1	487.85	After	Interior Girder 2	262.85	0.95	1	1	7.523253
HS15_str_inv	BOBJ1	487.85	After	Right Exterior Girder	262.85	0.95	1	1	7.677453
HS15_str_inv	BOBJ1	496.3126	Before	Left Exterior Girder	271.3126	0.95	1	1	4.955172
HS15_str_inv	BOBJ1	496.3126	Before	Interior Girder 1	271.3126	0.95	1	1	4.839688
HS15_str_inv	BOBJ1	496.3126	Before	Interior Girder 2	271.3126	0.95	1	1	4.839689
HS15_str_inv	BOBJ1	496.3126	Before	Right Exterior Girder	271.3126	0.95	1	1	4.955172
HS15_str_inv	BOBJ1	496.3126	After	Left Exterior Girder	271.3126	0.95	1	1	11.913032
HS15_str_inv	BOBJ1	496.3126	After	Interior Girder 1	271.3126	0.95	1	1	11.364508
HS15_str_inv	BOBJ1	496.3126	After	Interior Girder 2	271.3126	0.95	1	1	11.364508
HS15_str_inv	BOBJ1	496.3126	After	Right Exterior Girder	271.3126	0.95	1	1	11.913032
HS15_str_inv	BOBJ1	499.3	Before	Left Exterior Girder	274.3	0.95	1	1	10.869592
HS15_str_inv	BOBJ1	499.3	Before	Interior Girder 1	274.3	0.95	1	1	10.323638
HS15_str_inv	BOBJ1	499.3	Before	Interior Girder 2	274.3	0.95	1	1	10.323637
HS15_str_inv	BOBJ1	499.3	Before	Right Exterior Girder	274.3	0.95	1	1	10.869592
HS15_str_inv	BOBJ1	499.3	After	Left Exterior Girder	274.3	0.95	1	1	9.270257
HS15_str_inv	BOBJ1	499.3	After	Interior Girder 1	274.3	0.95	1	1	8.808615
HS15_str_inv	BOBJ1	499.3	After	Interior Girder 2	274.3	0.95	1	1	8.808615
HS15_str_inv	BOBJ1	499.3	After	Right Exterior Girder	274.3	0.95	1	1	9.270257
HS15_str_inv	BOBJ1	503.8969	Before	Left Exterior Girder	278.8969	0.95	1	1	7.733941
HS15_str_inv	BOBJ1	503.8969	Before	Interior Girder 1	278.8969	0.95	1	1	7.272254
HS15_str_inv	BOBJ1	503.8969	Before	Interior Girder 2	278.8969	0.95	1	1	7.272254
HS15_str_inv	BOBJ1	503.8969	Before	Right Exterior Girder	278.8969	0.95	1	1	7.733941
HS15_str_inv	BOBJ1	503.8969	After	Left Exterior Girder	278.8969	0.95	1	1	14.935171
HS15_str_inv	BOBJ1	503.8969	After	Interior Girder 1	278.8969	0.95	1	1	14.027187
HS15_str_inv	BOBJ1	503.8969	After	Interior Girder 2	278.8969	0.95	1	1	14.027187
HS15_str_inv	BOBJ1	503.8969	After	Right Exterior Girder	278.8969	0.95	1	1	14.935171
HS15_str_inv	BOBJ1	510.7	Before	Left Exterior Girder	285.7	0.95	1	1	12.494263
HS15_str_inv	BOBJ1	510.7	Before	Interior Girder 1	285.7	0.95	1	1	11.54795
HS15_str_inv	BOBJ1	510.7	Before	Interior Girder 2	285.7	0.95	1	1	11.54795
HS15_str_inv	BOBJ1	510.7	Before	Right Exterior Girder	285.7	0.95	1	1	12.494263
HS15_str_inv	BOBJ1	510.7	After	Left Exterior Girder	285.7	0.95	1	1	12.503083
HS15_str_inv	BOBJ1	510.7	After	Interior Girder 1	285.7	0.95	1	1	11.540123
HS15_str_inv	BOBJ1	510.7	After	Interior Girder 2	285.7	0.95	1	1	11.540122
HS15_str_inv	BOBJ1	510.7	After	Right Exterior Girder	285.7	0.95	1	1	12.503083
HS15_str_inv	BOBJ1	511.4811	Before	Left Exterior Girder	286.4811	0.95	1	1	12.216549
HS15_str_inv	BOBJ1	511.4811	Before	Interior Girder 1	286.4811	0.95	1	1	11.266917
HS15_str_inv	BOBJ1	511.4811	Before	Interior Girder 2	286.4811	0.95	1	1	11.266916
HS15_str_inv	BOBJ1	511.4811	Before	Right Exterior Girder	286.4811	0.95	1	1	12.216549

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelINonCompStrgth-Flx - Main Span Girders									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
HS15_str_inv	BOBJ1	511.4811	After	Left Exterior Girder	286.4811	0.95	1	1	18.004068
HS15_str_inv	BOBJ1	511.4811	After	Interior Girder 1	286.4811	0.95	1	1	16.738524
HS15_str_inv	BOBJ1	511.4811	After	Interior Girder 2	286.4811	0.95	1	1	16.738524
HS15_str_inv	BOBJ1	511.4811	After	Right Exterior Girder	286.4811	0.95	1	1	18.004068
HS15_str_inv	BOBJ1	522.1	Before	Left Exterior Girder	297.1	0.95	1	1	12.542267
HS15_str_inv	BOBJ1	522.1	Before	Interior Girder 1	297.1	0.95	1	1	12.680784
HS15_str_inv	BOBJ1	522.1	Before	Interior Girder 2	297.1	0.95	1	1	12.680784
HS15_str_inv	BOBJ1	522.1	Before	Right Exterior Girder	297.1	0.95	1	1	12.542267
HS15_str_inv	BOBJ1	522.1	After	Left Exterior Girder	297.1	0.95	1	1	12.889799
HS15_str_inv	BOBJ1	522.1	After	Interior Girder 1	297.1	0.95	1	1	12.693705
HS15_str_inv	BOBJ1	522.1	After	Interior Girder 2	297.1	0.95	1	1	12.693705
HS15_str_inv	BOBJ1	522.1	After	Right Exterior Girder	297.1	0.95	1	1	12.889799
HS15_str_inv	BOBJ1	530.4918	Before	Left Exterior Girder	305.4918	0.95	1	1	8.450499
HS15_str_inv	BOBJ1	530.4918	Before	Interior Girder 1	305.4918	0.95	1	1	8.407602
HS15_str_inv	BOBJ1	530.4918	Before	Interior Girder 2	305.4918	0.95	1	1	8.407603
HS15_str_inv	BOBJ1	530.4918	Before	Right Exterior Girder	305.4918	0.95	1	1	8.450499
HS15_str_inv	BOBJ1	530.4918	After	Left Exterior Girder	305.4918	0.95	1	1	12.872125
HS15_str_inv	BOBJ1	530.4918	After	Interior Girder 1	305.4918	0.95	1	1	12.817725
HS15_str_inv	BOBJ1	530.4918	After	Interior Girder 2	305.4918	0.95	1	1	12.817727
HS15_str_inv	BOBJ1	530.4918	After	Right Exterior Girder	305.4918	0.95	1	1	12.872125
HS15_str_inv	BOBJ1	533.55	Before	Left Exterior Girder	308.55	0.95	1	1	11.207507
HS15_str_inv	BOBJ1	533.55	Before	Interior Girder 1	308.55	0.95	1	1	11.081438
HS15_str_inv	BOBJ1	533.55	Before	Interior Girder 2	308.55	0.95	1	1	11.081439
HS15_str_inv	BOBJ1	533.55	Before	Right Exterior Girder	308.55	0.95	1	1	11.207507
HS15_str_inv	BOBJ1	533.55	After	Left Exterior Girder	308.55	0.95	1	1	11.184103
HS15_str_inv	BOBJ1	533.55	After	Interior Girder 1	308.55	0.95	1	1	11.076068
HS15_str_inv	BOBJ1	533.55	After	Interior Girder 2	308.55	0.95	1	1	11.076069
HS15_str_inv	BOBJ1	533.55	After	Right Exterior Girder	308.55	0.95	1	1	11.184102
HS15_str_inv	BOBJ1	545	Before	Left Exterior Girder	320	0.95	1	1	6.291873
HS15_str_inv	BOBJ1	545	Before	Interior Girder 1	320	0.95	1	1	5.766676
HS15_str_inv	BOBJ1	545	Before	Interior Girder 2	320	0.95	1	1	5.766676
HS15_str_inv	BOBJ1	545	Before	Right Exterior Girder	320	0.95	1	1	6.291873
HS15_str_inv	BOBJ1	545	After	Left Exterior Girder	0	0.95	1	1	6.679834
HS15_str_inv	BOBJ1	545	After	Interior Girder 1	0	0.95	1	1	6.002665
HS15_str_inv	BOBJ1	545	After	Interior Girder 2	0	0.95	1	1	6.002665
HS15_str_inv	BOBJ1	545	After	Right Exterior Girder	0	0.95	1	1	6.679834
HS15_str_inv	BOBJ1	556.25	Before	Left Exterior Girder	11.25	0.95	1	1	11.089111
HS15_str_inv	BOBJ1	556.25	Before	Interior Girder 1	11.25	0.95	1	1	10.423834
HS15_str_inv	BOBJ1	556.25	Before	Interior Girder 2	11.25	0.95	1	1	10.423834
HS15_str_inv	BOBJ1	556.25	Before	Right Exterior Girder	11.25	0.95	1	1	11.089111
HS15_str_inv	BOBJ1	556.25	After	Left Exterior Girder	11.25	0.95	1	1	11.101716
HS15_str_inv	BOBJ1	556.25	After	Interior Girder 1	11.25	0.95	1	1	10.442267
HS15_str_inv	BOBJ1	556.25	After	Interior Girder 2	11.25	0.95	1	1	10.442267
HS15_str_inv	BOBJ1	556.25	After	Right Exterior Girder	11.25	0.95	1	1	11.101716
HS15_str_inv	BOBJ1	559.4358	Before	Left Exterior Girder	14.4358	0.95	1	1	12.470386
HS15_str_inv	BOBJ1	559.4358	Before	Interior Girder 1	14.4358	0.95	1	1	11.903018
HS15_str_inv	BOBJ1	559.4358	Before	Interior Girder 2	14.4358	0.95	1	1	11.903018
HS15_str_inv	BOBJ1	559.4358	Before	Right Exterior Girder	14.4358	0.95	1	1	12.470386
HS15_str_inv	BOBJ1	559.4358	After	Left Exterior Girder	14.4358	0.95	1	1	8.10996
HS15_str_inv	BOBJ1	559.4358	After	Interior Girder 1	14.4358	0.95	1	1	7.717976
HS15_str_inv	BOBJ1	559.4358	After	Interior Girder 2	14.4358	0.95	1	1	7.717976
HS15_str_inv	BOBJ1	559.4358	After	Right Exterior Girder	14.4358	0.95	1	1	8.10996
HS15_str_inv	BOBJ1	567.5	Before	Left Exterior Girder	22.5	0.95	1	1	11.186468
HS15_str_inv	BOBJ1	567.5	Before	Interior Girder 1	22.5	0.95	1	1	10.253439
HS15_str_inv	BOBJ1	567.5	Before	Interior Girder 2	22.5	0.95	1	1	10.253439
HS15_str_inv	BOBJ1	567.5	Before	Right Exterior Girder	22.5	0.95	1	1	11.186468
HS15_str_inv	BOBJ1	567.5	After	Left Exterior Girder	22.5	0.95	1	1	11.940212
HS15_str_inv	BOBJ1	567.5	After	Interior Girder 1	22.5	0.95	1	1	11.119368
HS15_str_inv	BOBJ1	567.5	After	Interior Girder 2	22.5	0.95	1	1	11.119368
HS15_str_inv	BOBJ1	567.5	After	Right Exterior Girder	22.5	0.95	1	1	11.940212
HS15_str_inv	BOBJ1	570.0586	Before	Left Exterior Girder	25.0586	0.95	1	1	13.036624
HS15_str_inv	BOBJ1	570.0586	Before	Interior Girder 1	25.0586	0.95	1	1	11.8723
HS15_str_inv	BOBJ1	570.0586	Before	Interior Girder 2	25.0586	0.95	1	1	11.8723
HS15_str_inv	BOBJ1	570.0586	Before	Right Exterior Girder	25.0586	0.95	1	1	13.036623
HS15_str_inv	BOBJ1	570.0586	After	Left Exterior Girder	25.0586	0.95	1	1	7.785726
HS15_str_inv	BOBJ1	570.0586	After	Interior Girder 1	25.0586	0.95	1	1	7.076105
HS15_str_inv	BOBJ1	570.0586	After	Interior Girder 2	25.0586	0.95	1	1	7.076105
HS15_str_inv	BOBJ1	570.0586	After	Right Exterior Girder	25.0586	0.95	1	1	7.785725

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelNonCompStrgth-Flx - Main Span Girders									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
HS15_str_inv	BOBJ1	578.75	Before	Left Exterior Girder	33.75	0.95	1	1	10.255437
HS15_str_inv	BOBJ1	578.75	Before	Interior Girder 1	33.75	0.95	1	1	9.446369
HS15_str_inv	BOBJ1	578.75	Before	Interior Girder 2	33.75	0.95	1	1	9.446369
HS15_str_inv	BOBJ1	578.75	Before	Right Exterior Girder	33.75	0.95	1	1	10.255437
HS15_str_inv	BOBJ1	578.75	After	Left Exterior Girder	33.75	0.95	1	1	10.230831
HS15_str_inv	BOBJ1	578.75	After	Interior Girder 1	33.75	0.95	1	1	9.464029
HS15_str_inv	BOBJ1	578.75	After	Interior Girder 2	33.75	0.95	1	1	9.464029
HS15_str_inv	BOBJ1	578.75	After	Right Exterior Girder	33.75	0.95	1	1	10.230831
HS15_str_inv	BOBJ1	586.8142	Before	Left Exterior Girder	41.8142	0.95	1	1	12.47791
HS15_str_inv	BOBJ1	586.8142	Before	Interior Girder 1	41.8142	0.95	1	1	11.744582
HS15_str_inv	BOBJ1	586.8142	Before	Interior Girder 2	41.8142	0.95	1	1	11.744582
HS15_str_inv	BOBJ1	586.8142	Before	Right Exterior Girder	41.8142	0.95	1	1	12.47791
HS15_str_inv	BOBJ1	586.8142	After	Left Exterior Girder	41.8142	0.95	1	1	5.78866
HS15_str_inv	BOBJ1	586.8142	After	Interior Girder 1	41.8142	0.95	1	1	5.442483
HS15_str_inv	BOBJ1	586.8142	After	Interior Girder 2	41.8142	0.95	1	1	5.442483
HS15_str_inv	BOBJ1	586.8142	After	Right Exterior Girder	41.8142	0.95	1	1	5.78866
HS15_str_inv	BOBJ1	590	Before	Left Exterior Girder	45	0.95	1	1	6.577174
HS15_str_inv	BOBJ1	590	Before	Interior Girder 1	45	0.95	1	1	6.236126
HS15_str_inv	BOBJ1	590	Before	Interior Girder 2	45	0.95	1	1	6.236126
HS15_str_inv	BOBJ1	590	Before	Right Exterior Girder	45	0.95	1	1	6.577174
HS15_str_inv	BOBJ1	590	After	Left Exterior Girder	45	0.95	1	1	4.283101
HS15_str_inv	BOBJ1	590	After	Interior Girder 1	45	0.95	1	1	4.091212
HS15_str_inv	BOBJ1	590	After	Interior Girder 2	45	0.95	1	1	4.091212
HS15_str_inv	BOBJ1	590	After	Right Exterior Girder	45	0.95	1	1	4.283101
HS15_str_inv	BOBJ1	601.25	Before	Left Exterior Girder	56.25	0.95	1	1	6.990315
HS15_str_inv	BOBJ1	601.25	Before	Interior Girder 1	56.25	0.95	1	1	6.77824
HS15_str_inv	BOBJ1	601.25	Before	Interior Girder 2	56.25	0.95	1	1	6.77824
HS15_str_inv	BOBJ1	601.25	Before	Right Exterior Girder	56.25	0.95	1	1	6.990314
HS15_str_inv	BOBJ1	601.25	After	Left Exterior Girder	56.25	0.95	1	1	6.975309
HS15_str_inv	BOBJ1	601.25	After	Interior Girder 1	56.25	0.95	1	1	6.792012
HS15_str_inv	BOBJ1	601.25	After	Interior Girder 2	56.25	0.95	1	1	6.792012
HS15_str_inv	BOBJ1	601.25	After	Right Exterior Girder	56.25	0.95	1	1	6.975309
HS15_str_inv	BOBJ1	601.7478	Before	Left Exterior Girder	56.7478	0.95	1	1	7.097698
HS15_str_inv	BOBJ1	601.7478	Before	Interior Girder 1	56.7478	0.95	1	1	6.914742
HS15_str_inv	BOBJ1	601.7478	Before	Interior Girder 2	56.7478	0.95	1	1	6.914742
HS15_str_inv	BOBJ1	601.7478	Before	Right Exterior Girder	56.7478	0.95	1	1	7.097698
HS15_str_inv	BOBJ1	601.7478	After	Left Exterior Girder	56.7478	0.95	1	1	2.256164
HS15_str_inv	BOBJ1	601.7478	After	Interior Girder 1	56.7478	0.95	1	1	2.222003
HS15_str_inv	BOBJ1	601.7478	After	Interior Girder 2	56.7478	0.95	1	1	2.222003
HS15_str_inv	BOBJ1	601.7478	After	Right Exterior Girder	56.7478	0.95	1	1	2.256164
HS15_str_inv	BOBJ1	612.5	Before	Left Exterior Girder	67.5	0.95	1	1	4.626779
HS15_str_inv	BOBJ1	612.5	Before	Interior Girder 1	67.5	0.95	1	1	4.583601
HS15_str_inv	BOBJ1	612.5	Before	Interior Girder 2	67.5	0.95	1	1	4.583601
HS15_str_inv	BOBJ1	612.5	Before	Right Exterior Girder	67.5	0.95	1	1	4.626778
HS15_str_inv	BOBJ1	612.5	After	Left Exterior Girder	67.5	0.95	1	1	6.511998
HS15_str_inv	BOBJ1	612.5	After	Interior Girder 1	67.5	0.95	1	1	6.484611
HS15_str_inv	BOBJ1	612.5	After	Interior Girder 2	67.5	0.95	1	1	6.484611
HS15_str_inv	BOBJ1	612.5	After	Right Exterior Girder	67.5	0.95	1	1	6.511998
HS15_str_inv	BOBJ1	623.75	Before	Left Exterior Girder	78.75	0.95	1	1	6.041778
HS15_str_inv	BOBJ1	623.75	Before	Interior Girder 1	78.75	0.95	1	1	5.044766
HS15_str_inv	BOBJ1	623.75	Before	Interior Girder 2	78.75	0.95	1	1	5.044766
HS15_str_inv	BOBJ1	623.75	Before	Right Exterior Girder	78.75	0.95	1	1	6.041778
HS15_str_inv	BOBJ1	623.75	After	Left Exterior Girder	78.75	0.95	1	1	6.0471
HS15_str_inv	BOBJ1	623.75	After	Interior Girder 1	78.75	0.95	1	1	5.041288
HS15_str_inv	BOBJ1	623.75	After	Interior Girder 2	78.75	0.95	1	1	5.041288
HS15_str_inv	BOBJ1	623.75	After	Right Exterior Girder	78.75	0.95	1	1	6.0471
HS15_str_inv	BOBJ1	635	Before	Left Exterior Girder	90	0.95	1	1	4.215029
HS15_str_inv	BOBJ1	635	Before	Interior Girder 1	90	0.95	1	1	3.68659
HS15_str_inv	BOBJ1	635	Before	Interior Girder 2	90	0.95	1	1	3.68659
HS15_str_inv	BOBJ1	635	Before	Right Exterior Girder	90	0.95	1	1	4.215029
HS15_str_inv	BOBJ1	635	After	Left Exterior Girder	90	0.95	1	1	4.291379
HS15_str_inv	BOBJ1	635	After	Interior Girder 1	90	0.95	1	1	3.706182
HS15_str_inv	BOBJ1	635	After	Interior Girder 2	90	0.95	1	1	3.706182
HS15_str_inv	BOBJ1	635	After	Right Exterior Girder	90	0.95	1	1	4.291379
HS15_str_inv	BOBJ1	643.5619	Before	Left Exterior Girder	98.5619	0.95	1	1	3.352007
HS15_str_inv	BOBJ1	643.5619	Before	Interior Girder 1	98.5619	0.95	1	1	2.926142
HS15_str_inv	BOBJ1	643.5619	Before	Interior Girder 2	98.5619	0.95	1	1	2.926142
HS15_str_inv	BOBJ1	643.5619	Before	Right Exterior Girder	98.5619	0.95	1	1	3.352007

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelNonCompStrgth-Flx - Main Span Girders									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
HS15_str_inv	BOBJ1	643.5619	After	Left Exterior Girder	98.5619	0.95	1	1	6.343561
HS15_str_inv	BOBJ1	643.5619	After	Interior Girder 1	98.5619	0.95	1	1	5.53166
HS15_str_inv	BOBJ1	643.5619	After	Interior Girder 2	98.5619	0.95	1	1	5.531659
HS15_str_inv	BOBJ1	643.5619	After	Right Exterior Girder	98.5619	0.95	1	1	6.343561
HS15_str_inv	BOBJ1	646.25	Before	Left Exterior Girder	101.25	0.95	1	1	6.030517
HS15_str_inv	BOBJ1	646.25	Before	Interior Girder 1	101.25	0.95	1	1	5.281641
HS15_str_inv	BOBJ1	646.25	Before	Interior Girder 2	101.25	0.95	1	1	5.281641
HS15_str_inv	BOBJ1	646.25	Before	Right Exterior Girder	101.25	0.95	1	1	6.030517
HS15_str_inv	BOBJ1	646.25	After	Left Exterior Girder	101.25	0.95	1	1	6.027678
HS15_str_inv	BOBJ1	646.25	After	Interior Girder 1	101.25	0.95	1	1	5.284266
HS15_str_inv	BOBJ1	646.25	After	Interior Girder 2	101.25	0.95	1	1	5.284265
HS15_str_inv	BOBJ1	646.25	After	Right Exterior Girder	101.25	0.95	1	1	6.027678
HS15_str_inv	BOBJ1	657.5	Before	Left Exterior Girder	112.5	0.95	1	1	5.000536
HS15_str_inv	BOBJ1	657.5	Before	Interior Girder 1	112.5	0.95	1	1	4.502556
HS15_str_inv	BOBJ1	657.5	Before	Interior Girder 2	112.5	0.95	1	1	4.502556
HS15_str_inv	BOBJ1	657.5	Before	Right Exterior Girder	112.5	0.95	1	1	5.000536
HS15_str_inv	BOBJ1	657.5	After	Left Exterior Girder	112.5	0.95	1	1	5.033362
HS15_str_inv	BOBJ1	657.5	After	Interior Girder 1	112.5	0.95	1	1	4.509272
HS15_str_inv	BOBJ1	657.5	After	Interior Girder 2	112.5	0.95	1	1	4.509272
HS15_str_inv	BOBJ1	657.5	After	Right Exterior Girder	112.5	0.95	1	1	5.033362
HS15_str_inv	BOBJ1	668.75	Before	Left Exterior Girder	123.75	0.95	1	1	4.431017
HS15_str_inv	BOBJ1	668.75	Before	Interior Girder 1	123.75	0.95	1	1	3.968312
HS15_str_inv	BOBJ1	668.75	Before	Interior Girder 2	123.75	0.95	1	1	3.968312
HS15_str_inv	BOBJ1	668.75	Before	Right Exterior Girder	123.75	0.95	1	1	4.431017
HS15_str_inv	BOBJ1	668.75	After	Left Exterior Girder	123.75	0.95	1	1	4.436678
HS15_str_inv	BOBJ1	668.75	After	Interior Girder 1	123.75	0.95	1	1	3.974288
HS15_str_inv	BOBJ1	668.75	After	Interior Girder 2	123.75	0.95	1	1	3.974288
HS15_str_inv	BOBJ1	668.75	After	Right Exterior Girder	123.75	0.95	1	1	4.436677
HS15_str_inv	BOBJ1	680	Before	Left Exterior Girder	135	0.95	1	1	4.07012
HS15_str_inv	BOBJ1	680	Before	Interior Girder 1	135	0.95	1	1	3.702328
HS15_str_inv	BOBJ1	680	Before	Interior Girder 2	135	0.95	1	1	3.702328
HS15_str_inv	BOBJ1	680	Before	Right Exterior Girder	135	0.95	1	1	4.07012
HS15_str_inv	BOBJ1	680	After	Left Exterior Girder	135	0.95	1	1	4.067449
HS15_str_inv	BOBJ1	680	After	Interior Girder 1	135	0.95	1	1	3.700676
HS15_str_inv	BOBJ1	680	After	Interior Girder 2	135	0.95	1	1	3.700677
HS15_str_inv	BOBJ1	680	After	Right Exterior Girder	135	0.95	1	1	4.067449
HS15_str_inv	BOBJ1	691.25	Before	Left Exterior Girder	146.25	0.95	1	1	3.991498
HS15_str_inv	BOBJ1	691.25	Before	Interior Girder 1	146.25	0.95	1	1	3.568999
HS15_str_inv	BOBJ1	691.25	Before	Interior Girder 2	146.25	0.95	1	1	3.568999
HS15_str_inv	BOBJ1	691.25	Before	Right Exterior Girder	146.25	0.95	1	1	3.991498
HS15_str_inv	BOBJ1	691.25	After	Left Exterior Girder	146.25	0.95	1	1	3.994434
HS15_str_inv	BOBJ1	691.25	After	Interior Girder 1	146.25	0.95	1	1	3.565801
HS15_str_inv	BOBJ1	691.25	After	Interior Girder 2	146.25	0.95	1	1	3.565802
HS15_str_inv	BOBJ1	691.25	After	Right Exterior Girder	146.25	0.95	1	1	3.994434
HS15_str_inv	BOBJ1	702.5	Before	Left Exterior Girder	157.5	0.95	1	1	4.15252
HS15_str_inv	BOBJ1	702.5	Before	Interior Girder 1	157.5	0.95	1	1	3.692844
HS15_str_inv	BOBJ1	702.5	Before	Interior Girder 2	157.5	0.95	1	1	3.692844
HS15_str_inv	BOBJ1	702.5	Before	Right Exterior Girder	157.5	0.95	1	1	4.15252
HS15_str_inv	BOBJ1	702.5	After	Left Exterior Girder	157.5	0.95	1	1	4.114686
HS15_str_inv	BOBJ1	702.5	After	Interior Girder 1	157.5	0.95	1	1	3.707205
HS15_str_inv	BOBJ1	702.5	After	Interior Girder 2	157.5	0.95	1	1	3.707205
HS15_str_inv	BOBJ1	702.5	After	Right Exterior Girder	157.5	0.95	1	1	4.114686
HS15_str_inv	BOBJ1	713.75	Before	Left Exterior Girder	168.75	0.95	1	1	4.648743
HS15_str_inv	BOBJ1	713.75	Before	Interior Girder 1	168.75	0.95	1	1	4.016519
HS15_str_inv	BOBJ1	713.75	Before	Interior Girder 2	168.75	0.95	1	1	4.016519
HS15_str_inv	BOBJ1	713.75	Before	Right Exterior Girder	168.75	0.95	1	1	4.648743
HS15_str_inv	BOBJ1	713.75	After	Left Exterior Girder	168.75	0.95	1	1	4.648975
HS15_str_inv	BOBJ1	713.75	After	Interior Girder 1	168.75	0.95	1	1	4.016643
HS15_str_inv	BOBJ1	713.75	After	Interior Girder 2	168.75	0.95	1	1	4.016643
HS15_str_inv	BOBJ1	713.75	After	Right Exterior Girder	168.75	0.95	1	1	4.648975
HS15_str_inv	BOBJ1	725	Before	Left Exterior Girder	180	0.95	1	1	5.645793
HS15_str_inv	BOBJ1	725	Before	Interior Girder 1	180	0.95	1	1	4.748706
HS15_str_inv	BOBJ1	725	Before	Interior Girder 2	180	0.95	1	1	4.748706
HS15_str_inv	BOBJ1	725	Before	Right Exterior Girder	180	0.95	1	1	5.645793
HS15_str_inv	BOBJ1	725	After	Left Exterior Girder	180	0.95	1	1	5.573496
HS15_str_inv	BOBJ1	725	After	Interior Girder 1	180	0.95	1	1	4.792994
HS15_str_inv	BOBJ1	725	After	Interior Girder 2	180	0.95	1	1	4.792994
HS15_str_inv	BOBJ1	725	After	Right Exterior Girder	180	0.95	1	1	5.573496

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelINonCompStrgth-Flx - Main Span Girders									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
HS15_str_inv	BOBJ1	731.1726	Before	Left Exterior Girder	186.1726	0.95	1	1	6.503261
HS15_str_inv	BOBJ1	731.1726	Before	Interior Girder 1	186.1726	0.95	1	1	5.362401
HS15_str_inv	BOBJ1	731.1726	Before	Interior Girder 2	186.1726	0.95	1	1	5.362401
HS15_str_inv	BOBJ1	731.1726	Before	Right Exterior Girder	186.1726	0.95	1	1	6.503261
HS15_str_inv	BOBJ1	731.1726	After	Left Exterior Girder	186.1726	0.95	1	1	2.793256
HS15_str_inv	BOBJ1	731.1726	After	Interior Girder 1	186.1726	0.95	1	1	2.291612
HS15_str_inv	BOBJ1	731.1726	After	Interior Girder 2	186.1726	0.95	1	1	2.291612
HS15_str_inv	BOBJ1	731.1726	After	Right Exterior Girder	186.1726	0.95	1	1	2.793255
HS15_str_inv	BOBJ1	736.25	Before	Left Exterior Girder	191.25	0.95	1	1	3.438863
HS15_str_inv	BOBJ1	736.25	Before	Interior Girder 1	191.25	0.95	1	1	2.714375
HS15_str_inv	BOBJ1	736.25	Before	Interior Girder 2	191.25	0.95	1	1	2.714375
HS15_str_inv	BOBJ1	736.25	Before	Right Exterior Girder	191.25	0.95	1	1	3.438862
HS15_str_inv	BOBJ1	736.25	After	Left Exterior Girder	191.25	0.95	1	1	3.428902
HS15_str_inv	BOBJ1	736.25	After	Interior Girder 1	191.25	0.95	1	1	2.713064
HS15_str_inv	BOBJ1	736.25	After	Interior Girder 2	191.25	0.95	1	1	2.713064
HS15_str_inv	BOBJ1	736.25	After	Right Exterior Girder	191.25	0.95	1	1	3.428902
HS15_str_inv	BOBJ1	747.5	Before	Left Exterior Girder	202.5	0.95	1	1	5.96801
HS15_str_inv	BOBJ1	747.5	Before	Interior Girder 1	202.5	0.95	1	1	4.394537
HS15_str_inv	BOBJ1	747.5	Before	Interior Girder 2	202.5	0.95	1	1	4.394537
HS15_str_inv	BOBJ1	747.5	Before	Right Exterior Girder	202.5	0.95	1	1	5.96801
HS15_str_inv	BOBJ1	747.5	After	Left Exterior Girder	202.5	0.95	1	1	5.723007
HS15_str_inv	BOBJ1	747.5	After	Interior Girder 1	202.5	0.95	1	1	4.336203
HS15_str_inv	BOBJ1	747.5	After	Interior Girder 2	202.5	0.95	1	1	4.336203
HS15_str_inv	BOBJ1	747.5	After	Right Exterior Girder	202.5	0.95	1	1	5.723006
HS15_str_inv	BOBJ1	758.75	Before	Left Exterior Girder	213.75	0.95	1	1	13.481305
HS15_str_inv	BOBJ1	758.75	Before	Interior Girder 1	213.75	0.95	1	1	9.023094
HS15_str_inv	BOBJ1	758.75	Before	Interior Girder 2	213.75	0.95	1	1	9.023094
HS15_str_inv	BOBJ1	758.75	Before	Right Exterior Girder	213.75	0.95	1	1	13.481301
HS15_str_inv	BOBJ1	758.75	After	Left Exterior Girder	213.75	0.95	1	1	13.437629
HS15_str_inv	BOBJ1	758.75	After	Interior Girder 1	213.75	0.95	1	1	8.904256
HS15_str_inv	BOBJ1	758.75	After	Interior Girder 2	213.75	0.95	1	1	8.904256
HS15_str_inv	BOBJ1	758.75	After	Right Exterior Girder	213.75	0.95	1	1	13.437625
HS15_str_inv	BOBJ1	770	Before	Left Exterior Girder	225	0.95	1	1	277.983097
HS15_str_inv	BOBJ1	770	Before	Interior Girder 1	225	0.95	1	1	230.896174
HS15_str_inv	BOBJ1	770	Before	Interior Girder 2	225	0.95	1	1	230.895363
HS15_str_inv	BOBJ1	770	Before	Right Exterior Girder	225	0.95	1	1	277.98449
Lane_str_opr	BOBJ1	0	After	Left Exterior Girder	0	0.95	1	1	365.713913
Lane_str_opr	BOBJ1	0	After	Interior Girder 1	0	0.95	1	1	292.275053
Lane_str_opr	BOBJ1	0	After	Interior Girder 2	0	0.95	1	1	292.2749
Lane_str_opr	BOBJ1	0	After	Right Exterior Girder	0	0.95	1	1	365.713869
Lane_str_opr	BOBJ1	11.25	Before	Left Exterior Girder	11.25	0.95	1	1	20.45353
Lane_str_opr	BOBJ1	11.25	Before	Interior Girder 1	11.25	0.95	1	1	18.28672
Lane_str_opr	BOBJ1	11.25	Before	Interior Girder 2	11.25	0.95	1	1	18.286724
Lane_str_opr	BOBJ1	11.25	Before	Right Exterior Girder	11.25	0.95	1	1	20.453528
Lane_str_opr	BOBJ1	11.25	After	Left Exterior Girder	11.25	0.95	1	1	20.525796
Lane_str_opr	BOBJ1	11.25	After	Interior Girder 1	11.25	0.95	1	1	18.310986
Lane_str_opr	BOBJ1	11.25	After	Interior Girder 2	11.25	0.95	1	1	18.310989
Lane_str_opr	BOBJ1	11.25	After	Right Exterior Girder	11.25	0.95	1	1	20.525794
Lane_str_opr	BOBJ1	22.5	Before	Left Exterior Girder	22.5	0.95	1	1	8.38327
Lane_str_opr	BOBJ1	22.5	Before	Interior Girder 1	22.5	0.95	1	1	7.833115
Lane_str_opr	BOBJ1	22.5	Before	Interior Girder 2	22.5	0.95	1	1	7.833117
Lane_str_opr	BOBJ1	22.5	Before	Right Exterior Girder	22.5	0.95	1	1	8.383269
Lane_str_opr	BOBJ1	22.5	After	Left Exterior Girder	22.5	0.95	1	1	8.8011
Lane_str_opr	BOBJ1	22.5	After	Interior Girder 1	22.5	0.95	1	1	8.072602
Lane_str_opr	BOBJ1	22.5	After	Interior Girder 2	22.5	0.95	1	1	8.072603
Lane_str_opr	BOBJ1	22.5	After	Right Exterior Girder	22.5	0.95	1	1	8.8011
Lane_str_opr	BOBJ1	33.75	Before	Left Exterior Girder	33.75	0.95	1	1	4.911578
Lane_str_opr	BOBJ1	33.75	Before	Interior Girder 1	33.75	0.95	1	1	4.603368
Lane_str_opr	BOBJ1	33.75	Before	Interior Girder 2	33.75	0.95	1	1	4.603368
Lane_str_opr	BOBJ1	33.75	Before	Right Exterior Girder	33.75	0.95	1	1	4.911578
Lane_str_opr	BOBJ1	33.75	After	Left Exterior Girder	33.75	0.95	1	1	4.930058
Lane_str_opr	BOBJ1	33.75	After	Interior Girder 1	33.75	0.95	1	1	4.592514
Lane_str_opr	BOBJ1	33.75	After	Interior Girder 2	33.75	0.95	1	1	4.592515
Lane_str_opr	BOBJ1	33.75	After	Right Exterior Girder	33.75	0.95	1	1	4.930058
Lane_str_opr	BOBJ1	38.8274	Before	Left Exterior Girder	38.8274	0.95	1	1	3.96179
Lane_str_opr	BOBJ1	38.8274	Before	Interior Girder 1	38.8274	0.95	1	1	3.748121
Lane_str_opr	BOBJ1	38.8274	Before	Interior Girder 2	38.8274	0.95	1	1	3.748121
Lane_str_opr	BOBJ1	38.8274	Before	Right Exterior Girder	38.8274	0.95	1	1	3.96179

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelINonCompStrgth-Flx - Main Span Girders									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Lane_str_opr	BOBJ1	38.8274	After	Left Exterior Girder	38.8274	0.95	1	1	9.239279
Lane_str_opr	BOBJ1	38.8274	After	Interior Girder 1	38.8274	0.95	1	1	8.69189
Lane_str_opr	BOBJ1	38.8274	After	Interior Girder 2	38.8274	0.95	1	1	8.691891
Lane_str_opr	BOBJ1	38.8274	After	Right Exterior Girder	38.8274	0.95	1	1	9.239279
Lane_str_opr	BOBJ1	45	Before	Left Exterior Girder	45	0.95	1	1	7.813736
Lane_str_opr	BOBJ1	45	Before	Interior Girder 1	45	0.95	1	1	7.472075
Lane_str_opr	BOBJ1	45	Before	Interior Girder 2	45	0.95	1	1	7.472076
Lane_str_opr	BOBJ1	45	Before	Right Exterior Girder	45	0.95	1	1	7.813736
Lane_str_opr	BOBJ1	45	After	Left Exterior Girder	45	0.95	1	1	7.958326
Lane_str_opr	BOBJ1	45	After	Interior Girder 1	45	0.95	1	1	7.532212
Lane_str_opr	BOBJ1	45	After	Interior Girder 2	45	0.95	1	1	7.532211
Lane_str_opr	BOBJ1	45	After	Right Exterior Girder	45	0.95	1	1	7.958327
Lane_str_opr	BOBJ1	56.25	Before	Left Exterior Girder	56.25	0.95	1	1	6.391925
Lane_str_opr	BOBJ1	56.25	Before	Interior Girder 1	56.25	0.95	1	1	6.083724
Lane_str_opr	BOBJ1	56.25	Before	Interior Girder 2	56.25	0.95	1	1	6.083723
Lane_str_opr	BOBJ1	56.25	Before	Right Exterior Girder	56.25	0.95	1	1	6.391926
Lane_str_opr	BOBJ1	56.25	After	Left Exterior Girder	56.25	0.95	1	1	6.405366
Lane_str_opr	BOBJ1	56.25	After	Interior Girder 1	56.25	0.95	1	1	6.078096
Lane_str_opr	BOBJ1	56.25	After	Interior Girder 2	56.25	0.95	1	1	6.078095
Lane_str_opr	BOBJ1	56.25	After	Right Exterior Girder	56.25	0.95	1	1	6.405366
Lane_str_opr	BOBJ1	67.5	Before	Left Exterior Girder	67.5	0.95	1	1	5.538674
Lane_str_opr	BOBJ1	67.5	Before	Interior Girder 1	67.5	0.95	1	1	5.346435
Lane_str_opr	BOBJ1	67.5	Before	Interior Girder 2	67.5	0.95	1	1	5.346434
Lane_str_opr	BOBJ1	67.5	Before	Right Exterior Girder	67.5	0.95	1	1	5.538674
Lane_str_opr	BOBJ1	67.5	After	Left Exterior Girder	67.5	0.95	1	1	5.610375
Lane_str_opr	BOBJ1	67.5	After	Interior Girder 1	67.5	0.95	1	1	5.377645
Lane_str_opr	BOBJ1	67.5	After	Interior Girder 2	67.5	0.95	1	1	5.377644
Lane_str_opr	BOBJ1	67.5	After	Right Exterior Girder	67.5	0.95	1	1	5.610375
Lane_str_opr	BOBJ1	78.75	Before	Left Exterior Girder	78.75	0.95	1	1	5.273873
Lane_str_opr	BOBJ1	78.75	Before	Interior Girder 1	78.75	0.95	1	1	5.039024
Lane_str_opr	BOBJ1	78.75	Before	Interior Girder 2	78.75	0.95	1	1	5.039023
Lane_str_opr	BOBJ1	78.75	Before	Right Exterior Girder	78.75	0.95	1	1	5.273873
Lane_str_opr	BOBJ1	78.75	After	Left Exterior Girder	78.75	0.95	1	1	5.2782
Lane_str_opr	BOBJ1	78.75	After	Interior Girder 1	78.75	0.95	1	1	5.03757
Lane_str_opr	BOBJ1	78.75	After	Interior Girder 2	78.75	0.95	1	1	5.037569
Lane_str_opr	BOBJ1	78.75	After	Right Exterior Girder	78.75	0.95	1	1	5.2782
Lane_str_opr	BOBJ1	90	Before	Left Exterior Girder	90	0.95	1	1	5.260893
Lane_str_opr	BOBJ1	90	Before	Interior Girder 1	90	0.95	1	1	5.059743
Lane_str_opr	BOBJ1	90	Before	Interior Girder 2	90	0.95	1	1	5.059742
Lane_str_opr	BOBJ1	90	Before	Right Exterior Girder	90	0.95	1	1	5.260893
Lane_str_opr	BOBJ1	90	After	Left Exterior Girder	90	0.95	1	1	5.273268
Lane_str_opr	BOBJ1	90	After	Interior Girder 1	90	0.95	1	1	5.063047
Lane_str_opr	BOBJ1	90	After	Interior Girder 2	90	0.95	1	1	5.063047
Lane_str_opr	BOBJ1	90	After	Right Exterior Girder	90	0.95	1	1	5.273268
Lane_str_opr	BOBJ1	101.25	Before	Left Exterior Girder	101.25	0.95	1	1	5.64339
Lane_str_opr	BOBJ1	101.25	Before	Interior Girder 1	101.25	0.95	1	1	5.349611
Lane_str_opr	BOBJ1	101.25	Before	Interior Girder 2	101.25	0.95	1	1	5.349611
Lane_str_opr	BOBJ1	101.25	Before	Right Exterior Girder	101.25	0.95	1	1	5.643391
Lane_str_opr	BOBJ1	101.25	After	Left Exterior Girder	101.25	0.95	1	1	5.640456
Lane_str_opr	BOBJ1	101.25	After	Interior Girder 1	101.25	0.95	1	1	5.352133
Lane_str_opr	BOBJ1	101.25	After	Interior Girder 2	101.25	0.95	1	1	5.352133
Lane_str_opr	BOBJ1	101.25	After	Right Exterior Girder	101.25	0.95	1	1	5.640456
Lane_str_opr	BOBJ1	112.5	Before	Left Exterior Girder	112.5	0.95	1	1	6.321332
Lane_str_opr	BOBJ1	112.5	Before	Interior Girder 1	112.5	0.95	1	1	5.982974
Lane_str_opr	BOBJ1	112.5	Before	Interior Girder 2	112.5	0.95	1	1	5.982975
Lane_str_opr	BOBJ1	112.5	Before	Right Exterior Girder	112.5	0.95	1	1	6.321332
Lane_str_opr	BOBJ1	112.5	After	Left Exterior Girder	112.5	0.95	1	1	6.294836
Lane_str_opr	BOBJ1	112.5	After	Interior Girder 1	112.5	0.95	1	1	5.978986
Lane_str_opr	BOBJ1	112.5	After	Interior Girder 2	112.5	0.95	1	1	5.978986
Lane_str_opr	BOBJ1	112.5	After	Right Exterior Girder	112.5	0.95	1	1	6.294836
Lane_str_opr	BOBJ1	123.75	Before	Left Exterior Girder	123.75	0.95	1	1	7.493464
Lane_str_opr	BOBJ1	123.75	Before	Interior Girder 1	123.75	0.95	1	1	6.950045
Lane_str_opr	BOBJ1	123.75	Before	Interior Girder 2	123.75	0.95	1	1	6.950045
Lane_str_opr	BOBJ1	123.75	Before	Right Exterior Girder	123.75	0.95	1	1	7.493464
Lane_str_opr	BOBJ1	123.75	After	Left Exterior Girder	123.75	0.95	1	1	7.493457
Lane_str_opr	BOBJ1	123.75	After	Interior Girder 1	123.75	0.95	1	1	6.948393
Lane_str_opr	BOBJ1	123.75	After	Interior Girder 2	123.75	0.95	1	1	6.948394
Lane_str_opr	BOBJ1	123.75	After	Right Exterior Girder	123.75	0.95	1	1	7.493457

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelNonCompStrgth-Flx - Main Span Girders									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Lane_str_opr	BOBJ1	126.4381	Before	Left Exterior Girder	126.4381	0.95	1	1	7.863405
Lane_str_opr	BOBJ1	126.4381	Before	Interior Girder 1	126.4381	0.95	1	1	7.252796
Lane_str_opr	BOBJ1	126.4381	Before	Interior Girder 2	126.4381	0.95	1	1	7.252796
Lane_str_opr	BOBJ1	126.4381	Before	Right Exterior Girder	126.4381	0.95	1	1	7.863405
Lane_str_opr	BOBJ1	126.4381	After	Left Exterior Girder	126.4381	0.95	1	1	4.150181
Lane_str_opr	BOBJ1	126.4381	After	Interior Girder 1	126.4381	0.95	1	1	3.846537
Lane_str_opr	BOBJ1	126.4381	After	Interior Girder 2	126.4381	0.95	1	1	3.846537
Lane_str_opr	BOBJ1	126.4381	After	Right Exterior Girder	126.4381	0.95	1	1	4.150181
Lane_str_opr	BOBJ1	135	Before	Left Exterior Girder	135	0.95	1	1	5.293807
Lane_str_opr	BOBJ1	135	Before	Interior Girder 1	135	0.95	1	1	4.84852
Lane_str_opr	BOBJ1	135	Before	Interior Girder 2	135	0.95	1	1	4.84852
Lane_str_opr	BOBJ1	135	Before	Right Exterior Girder	135	0.95	1	1	5.293807
Lane_str_opr	BOBJ1	135	After	Left Exterior Girder	135	0.95	1	1	5.204549
Lane_str_opr	BOBJ1	135	After	Interior Girder 1	135	0.95	1	1	4.818241
Lane_str_opr	BOBJ1	135	After	Interior Girder 2	135	0.95	1	1	4.818241
Lane_str_opr	BOBJ1	135	After	Right Exterior Girder	135	0.95	1	1	5.204549
Lane_str_opr	BOBJ1	146.25	Before	Left Exterior Girder	146.25	0.95	1	1	7.016428
Lane_str_opr	BOBJ1	146.25	Before	Interior Girder 1	146.25	0.95	1	1	6.645057
Lane_str_opr	BOBJ1	146.25	Before	Interior Girder 2	146.25	0.95	1	1	6.645057
Lane_str_opr	BOBJ1	146.25	Before	Right Exterior Girder	146.25	0.95	1	1	7.016428
Lane_str_opr	BOBJ1	146.25	After	Left Exterior Girder	146.25	0.95	1	1	7.030109
Lane_str_opr	BOBJ1	146.25	After	Interior Girder 1	146.25	0.95	1	1	6.649975
Lane_str_opr	BOBJ1	146.25	After	Interior Girder 2	146.25	0.95	1	1	6.649975
Lane_str_opr	BOBJ1	146.25	After	Right Exterior Girder	146.25	0.95	1	1	7.030109
Lane_str_opr	BOBJ1	157.5	Before	Left Exterior Girder	157.5	0.95	1	1	4.969475
Lane_str_opr	BOBJ1	157.5	Before	Interior Girder 1	157.5	0.95	1	1	4.858348
Lane_str_opr	BOBJ1	157.5	Before	Interior Girder 2	157.5	0.95	1	1	4.858348
Lane_str_opr	BOBJ1	157.5	Before	Right Exterior Girder	157.5	0.95	1	1	4.969476
Lane_str_opr	BOBJ1	157.5	After	Left Exterior Girder	157.5	0.95	1	1	3.539144
Lane_str_opr	BOBJ1	157.5	After	Interior Girder 1	157.5	0.95	1	1	3.426357
Lane_str_opr	BOBJ1	157.5	After	Interior Girder 2	157.5	0.95	1	1	3.426356
Lane_str_opr	BOBJ1	157.5	After	Right Exterior Girder	157.5	0.95	1	1	3.539144
Lane_str_opr	BOBJ1	168.2522	Before	Left Exterior Girder	168.2522	0.95	1	1	1.714937
Lane_str_opr	BOBJ1	168.2522	Before	Interior Girder 1	168.2522	0.95	1	1	1.650977
Lane_str_opr	BOBJ1	168.2522	Before	Interior Girder 2	168.2522	0.95	1	1	1.650977
Lane_str_opr	BOBJ1	168.2522	Before	Right Exterior Girder	168.2522	0.95	1	1	1.714937
Lane_str_opr	BOBJ1	168.2522	After	Left Exterior Girder	168.2522	0.95	1	1	5.394507
Lane_str_opr	BOBJ1	168.2522	After	Interior Girder 1	168.2522	0.95	1	1	5.142233
Lane_str_opr	BOBJ1	168.2522	After	Interior Girder 2	168.2522	0.95	1	1	5.142233
Lane_str_opr	BOBJ1	168.2522	After	Right Exterior Girder	168.2522	0.95	1	1	5.394507
Lane_str_opr	BOBJ1	168.75	Before	Left Exterior Girder	168.75	0.95	1	1	5.290867
Lane_str_opr	BOBJ1	168.75	Before	Interior Girder 1	168.75	0.95	1	1	5.052046
Lane_str_opr	BOBJ1	168.75	Before	Interior Girder 2	168.75	0.95	1	1	5.052046
Lane_str_opr	BOBJ1	168.75	Before	Right Exterior Girder	168.75	0.95	1	1	5.290867
Lane_str_opr	BOBJ1	168.75	After	Left Exterior Girder	168.75	0.95	1	1	5.304795
Lane_str_opr	BOBJ1	168.75	After	Interior Girder 1	168.75	0.95	1	1	5.039006
Lane_str_opr	BOBJ1	168.75	After	Interior Girder 2	168.75	0.95	1	1	5.039006
Lane_str_opr	BOBJ1	168.75	After	Right Exterior Girder	168.75	0.95	1	1	5.304795
Lane_str_opr	BOBJ1	180	Before	Left Exterior Girder	180	0.95	1	1	3.078598
Lane_str_opr	BOBJ1	180	Before	Interior Girder 1	180	0.95	1	1	2.895791
Lane_str_opr	BOBJ1	180	Before	Interior Girder 2	180	0.95	1	1	2.895791
Lane_str_opr	BOBJ1	180	Before	Right Exterior Girder	180	0.95	1	1	3.078598
Lane_str_opr	BOBJ1	180	After	Left Exterior Girder	180	0.95	1	1	4.319439
Lane_str_opr	BOBJ1	180	After	Interior Girder 1	180	0.95	1	1	3.976842
Lane_str_opr	BOBJ1	180	After	Interior Girder 2	180	0.95	1	1	3.976842
Lane_str_opr	BOBJ1	180	After	Right Exterior Girder	180	0.95	1	1	4.319439
Lane_str_opr	BOBJ1	183.1858	Before	Left Exterior Girder	183.1858	0.95	1	1	3.660383
Lane_str_opr	BOBJ1	183.1858	Before	Interior Girder 1	183.1858	0.95	1	1	3.356629
Lane_str_opr	BOBJ1	183.1858	Before	Interior Girder 2	183.1858	0.95	1	1	3.356629
Lane_str_opr	BOBJ1	183.1858	Before	Right Exterior Girder	183.1858	0.95	1	1	3.660383
Lane_str_opr	BOBJ1	183.1858	After	Left Exterior Girder	183.1858	0.95	1	1	8.193344
Lane_str_opr	BOBJ1	183.1858	After	Interior Girder 1	183.1858	0.95	1	1	7.497452
Lane_str_opr	BOBJ1	183.1858	After	Interior Girder 2	183.1858	0.95	1	1	7.497452
Lane_str_opr	BOBJ1	183.1858	After	Right Exterior Girder	183.1858	0.95	1	1	8.193345
Lane_str_opr	BOBJ1	191.25	Before	Left Exterior Girder	191.25	0.95	1	1	6.161977
Lane_str_opr	BOBJ1	191.25	Before	Interior Girder 1	191.25	0.95	1	1	5.548606
Lane_str_opr	BOBJ1	191.25	Before	Interior Girder 2	191.25	0.95	1	1	5.548606
Lane_str_opr	BOBJ1	191.25	Before	Right Exterior Girder	191.25	0.95	1	1	6.161977

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelINonCompStrgth-Flx - Main Span Girders									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Lane_str_opr	BOBJ1	191.25	After	Left Exterior Girder	191.25	0.95	1	1	6.190679
Lane_str_opr	BOBJ1	191.25	After	Interior Girder 1	191.25	0.95	1	1	5.537021
Lane_str_opr	BOBJ1	191.25	After	Interior Girder 2	191.25	0.95	1	1	5.537021
Lane_str_opr	BOBJ1	191.25	After	Right Exterior Girder	191.25	0.95	1	1	6.190679
Lane_str_opr	BOBJ1	199.9414	Before	Left Exterior Girder	199.9414	0.95	1	1	4.183335
Lane_str_opr	BOBJ1	199.9414	Before	Interior Girder 1	199.9414	0.95	1	1	3.687462
Lane_str_opr	BOBJ1	199.9414	Before	Interior Girder 2	199.9414	0.95	1	1	3.687462
Lane_str_opr	BOBJ1	199.9414	Before	Right Exterior Girder	199.9414	0.95	1	1	4.183335
Lane_str_opr	BOBJ1	199.9414	After	Left Exterior Girder	199.9414	0.95	1	1	7.193308
Lane_str_opr	BOBJ1	199.9414	After	Interior Girder 1	199.9414	0.95	1	1	6.368527
Lane_str_opr	BOBJ1	199.9414	After	Interior Girder 2	199.9414	0.95	1	1	6.368527
Lane_str_opr	BOBJ1	199.9414	After	Right Exterior Girder	199.9414	0.95	1	1	7.193308
Lane_str_opr	BOBJ1	202.5	Before	Left Exterior Girder	202.5	0.95	1	1	6.511152
Lane_str_opr	BOBJ1	202.5	Before	Interior Girder 1	202.5	0.95	1	1	5.758229
Lane_str_opr	BOBJ1	202.5	Before	Interior Girder 2	202.5	0.95	1	1	5.758229
Lane_str_opr	BOBJ1	202.5	Before	Right Exterior Girder	202.5	0.95	1	1	6.511152
Lane_str_opr	BOBJ1	202.5	After	Left Exterior Girder	202.5	0.95	1	1	6.622565
Lane_str_opr	BOBJ1	202.5	After	Interior Girder 1	202.5	0.95	1	1	5.802301
Lane_str_opr	BOBJ1	202.5	After	Interior Girder 2	202.5	0.95	1	1	5.802301
Lane_str_opr	BOBJ1	202.5	After	Right Exterior Girder	202.5	0.95	1	1	6.622565
Lane_str_opr	BOBJ1	210.5642	Before	Left Exterior Girder	210.5642	0.95	1	1	4.7089
Lane_str_opr	BOBJ1	210.5642	Before	Interior Girder 1	210.5642	0.95	1	1	4.08977
Lane_str_opr	BOBJ1	210.5642	Before	Interior Girder 2	210.5642	0.95	1	1	4.08977
Lane_str_opr	BOBJ1	210.5642	Before	Right Exterior Girder	210.5642	0.95	1	1	4.7089
Lane_str_opr	BOBJ1	210.5642	After	Left Exterior Girder	210.5642	0.95	1	1	7.204375
Lane_str_opr	BOBJ1	210.5642	After	Interior Girder 1	210.5642	0.95	1	1	6.298752
Lane_str_opr	BOBJ1	210.5642	After	Interior Girder 2	210.5642	0.95	1	1	6.298752
Lane_str_opr	BOBJ1	210.5642	After	Right Exterior Girder	210.5642	0.95	1	1	7.204375
Lane_str_opr	BOBJ1	213.75	Before	Left Exterior Girder	213.75	0.95	1	1	6.411468
Lane_str_opr	BOBJ1	213.75	Before	Interior Girder 1	213.75	0.95	1	1	5.571252
Lane_str_opr	BOBJ1	213.75	Before	Interior Girder 2	213.75	0.95	1	1	5.571252
Lane_str_opr	BOBJ1	213.75	Before	Right Exterior Girder	213.75	0.95	1	1	6.411468
Lane_str_opr	BOBJ1	213.75	After	Left Exterior Girder	213.75	0.95	1	1	6.415973
Lane_str_opr	BOBJ1	213.75	After	Interior Girder 1	213.75	0.95	1	1	5.573836
Lane_str_opr	BOBJ1	213.75	After	Interior Girder 2	213.75	0.95	1	1	5.573836
Lane_str_opr	BOBJ1	213.75	After	Right Exterior Girder	213.75	0.95	1	1	6.415973
Lane_str_opr	BOBJ1	225	Before	Left Exterior Girder	225	0.95	1	1	4.054461
Lane_str_opr	BOBJ1	225	Before	Interior Girder 1	225	0.95	1	1	3.407398
Lane_str_opr	BOBJ1	225	Before	Interior Girder 2	225	0.95	1	1	3.407398
Lane_str_opr	BOBJ1	225	Before	Right Exterior Girder	225	0.95	1	1	4.054461
Lane_str_opr	BOBJ1	225	After	Left Exterior Girder	0	0.95	1	1	3.742763
Lane_str_opr	BOBJ1	225	After	Interior Girder 1	0	0.95	1	1	3.364974
Lane_str_opr	BOBJ1	225	After	Interior Girder 2	0	0.95	1	1	3.364974
Lane_str_opr	BOBJ1	225	After	Right Exterior Girder	0	0.95	1	1	3.742763
Lane_str_opr	BOBJ1	236.45	Before	Left Exterior Girder	11.45	0.95	1	1	6.333603
Lane_str_opr	BOBJ1	236.45	Before	Interior Girder 1	11.45	0.95	1	1	5.991924
Lane_str_opr	BOBJ1	236.45	Before	Interior Girder 2	11.45	0.95	1	1	5.991924
Lane_str_opr	BOBJ1	236.45	Before	Right Exterior Girder	11.45	0.95	1	1	6.333603
Lane_str_opr	BOBJ1	236.45	After	Left Exterior Girder	11.45	0.95	1	1	6.345057
Lane_str_opr	BOBJ1	236.45	After	Interior Girder 1	11.45	0.95	1	1	5.9874
Lane_str_opr	BOBJ1	236.45	After	Interior Girder 2	11.45	0.95	1	1	5.9874
Lane_str_opr	BOBJ1	236.45	After	Right Exterior Girder	11.45	0.95	1	1	6.345056
Lane_str_opr	BOBJ1	239.5082	Before	Left Exterior Girder	14.5082	0.95	1	1	7.208698
Lane_str_opr	BOBJ1	239.5082	Before	Interior Girder 1	14.5082	0.95	1	1	6.858237
Lane_str_opr	BOBJ1	239.5082	Before	Interior Girder 2	14.5082	0.95	1	1	6.858238
Lane_str_opr	BOBJ1	239.5082	Before	Right Exterior Girder	14.5082	0.95	1	1	7.208698
Lane_str_opr	BOBJ1	239.5082	After	Left Exterior Girder	14.5082	0.95	1	1	4.791702
Lane_str_opr	BOBJ1	239.5082	After	Interior Girder 1	14.5082	0.95	1	1	4.552565
Lane_str_opr	BOBJ1	239.5082	After	Interior Girder 2	14.5082	0.95	1	1	4.552565
Lane_str_opr	BOBJ1	239.5082	After	Right Exterior Girder	14.5082	0.95	1	1	4.791702
Lane_str_opr	BOBJ1	247.9	Before	Left Exterior Girder	22.9	0.95	1	1	7.180807
Lane_str_opr	BOBJ1	247.9	Before	Interior Girder 1	22.9	0.95	1	1	6.930106
Lane_str_opr	BOBJ1	247.9	Before	Interior Girder 2	22.9	0.95	1	1	6.930106
Lane_str_opr	BOBJ1	247.9	Before	Right Exterior Girder	22.9	0.95	1	1	7.180807
Lane_str_opr	BOBJ1	247.9	After	Left Exterior Girder	22.9	0.95	1	1	7.039164
Lane_str_opr	BOBJ1	247.9	After	Interior Girder 1	22.9	0.95	1	1	6.897527
Lane_str_opr	BOBJ1	247.9	After	Interior Girder 2	22.9	0.95	1	1	6.897527
Lane_str_opr	BOBJ1	247.9	After	Right Exterior Girder	22.9	0.95	1	1	7.039164

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelINonCompStrgth-Flx - Main Span Girders									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Lane_str_opr	BOBJ1	258.5189	Before	Left Exterior Girder	33.5189	0.95	1	1	11.166046
Lane_str_opr	BOBJ1	258.5189	Before	Interior Girder 1	33.5189	0.95	1	1	11.02948
Lane_str_opr	BOBJ1	258.5189	Before	Interior Girder 2	33.5189	0.95	1	1	11.02948
Lane_str_opr	BOBJ1	258.5189	Before	Right Exterior Girder	33.5189	0.95	1	1	11.166046
Lane_str_opr	BOBJ1	258.5189	After	Left Exterior Girder	33.5189	0.95	1	1	7.481328
Lane_str_opr	BOBJ1	258.5189	After	Interior Girder 1	33.5189	0.95	1	1	7.403316
Lane_str_opr	BOBJ1	258.5189	After	Interior Girder 2	33.5189	0.95	1	1	7.403316
Lane_str_opr	BOBJ1	258.5189	After	Right Exterior Girder	33.5189	0.95	1	1	7.481328
Lane_str_opr	BOBJ1	259.3	Before	Left Exterior Girder	34.3	0.95	1	1	7.784252
Lane_str_opr	BOBJ1	259.3	Before	Interior Girder 1	34.3	0.95	1	1	7.687681
Lane_str_opr	BOBJ1	259.3	Before	Interior Girder 2	34.3	0.95	1	1	7.687681
Lane_str_opr	BOBJ1	259.3	Before	Right Exterior Girder	34.3	0.95	1	1	7.784252
Lane_str_opr	BOBJ1	259.3	After	Left Exterior Girder	34.3	0.95	1	1	7.769729
Lane_str_opr	BOBJ1	259.3	After	Interior Girder 1	34.3	0.95	1	1	7.693324
Lane_str_opr	BOBJ1	259.3	After	Interior Girder 2	34.3	0.95	1	1	7.693324
Lane_str_opr	BOBJ1	259.3	After	Right Exterior Girder	34.3	0.95	1	1	7.769729
Lane_str_opr	BOBJ1	266.1031	Before	Left Exterior Girder	41.1031	0.95	1	1	10.743834
Lane_str_opr	BOBJ1	266.1031	Before	Interior Girder 1	41.1031	0.95	1	1	10.531371
Lane_str_opr	BOBJ1	266.1031	Before	Interior Girder 2	41.1031	0.95	1	1	10.531372
Lane_str_opr	BOBJ1	266.1031	Before	Right Exterior Girder	41.1031	0.95	1	1	10.743834
Lane_str_opr	BOBJ1	266.1031	After	Left Exterior Girder	41.1031	0.95	1	1	5.524193
Lane_str_opr	BOBJ1	266.1031	After	Interior Girder 1	41.1031	0.95	1	1	5.434402
Lane_str_opr	BOBJ1	266.1031	After	Interior Girder 2	41.1031	0.95	1	1	5.434402
Lane_str_opr	BOBJ1	266.1031	After	Right Exterior Girder	41.1031	0.95	1	1	5.524192
Lane_str_opr	BOBJ1	270.7	Before	Left Exterior Girder	45.7	0.95	1	1	7.296869
Lane_str_opr	BOBJ1	270.7	Before	Interior Girder 1	45.7	0.95	1	1	7.067981
Lane_str_opr	BOBJ1	270.7	Before	Interior Girder 2	45.7	0.95	1	1	7.067981
Lane_str_opr	BOBJ1	270.7	Before	Right Exterior Girder	45.7	0.95	1	1	7.296869
Lane_str_opr	BOBJ1	270.7	After	Left Exterior Girder	45.7	0.95	1	1	8.331032
Lane_str_opr	BOBJ1	270.7	After	Interior Girder 1	45.7	0.95	1	1	8.332402
Lane_str_opr	BOBJ1	270.7	After	Interior Girder 2	45.7	0.95	1	1	8.332402
Lane_str_opr	BOBJ1	270.7	After	Right Exterior Girder	45.7	0.95	1	1	8.331032
Lane_str_opr	BOBJ1	273.6874	Before	Left Exterior Girder	48.6874	0.95	1	1	9.704505
Lane_str_opr	BOBJ1	273.6874	Before	Interior Girder 1	48.6874	0.95	1	1	9.591262
Lane_str_opr	BOBJ1	273.6874	Before	Interior Girder 2	48.6874	0.95	1	1	9.591262
Lane_str_opr	BOBJ1	273.6874	Before	Right Exterior Girder	48.6874	0.95	1	1	9.704505
Lane_str_opr	BOBJ1	273.6874	After	Left Exterior Girder	48.6874	0.95	1	1	4.154957
Lane_str_opr	BOBJ1	273.6874	After	Interior Girder 1	48.6874	0.95	1	1	4.147655
Lane_str_opr	BOBJ1	273.6874	After	Interior Girder 2	48.6874	0.95	1	1	4.147655
Lane_str_opr	BOBJ1	273.6874	After	Right Exterior Girder	48.6874	0.95	1	1	4.154957
Lane_str_opr	BOBJ1	282.15	Before	Left Exterior Girder	57.15	0.95	1	1	7.138412
Lane_str_opr	BOBJ1	282.15	Before	Interior Girder 1	57.15	0.95	1	1	7.067421
Lane_str_opr	BOBJ1	282.15	Before	Interior Girder 2	57.15	0.95	1	1	7.067421
Lane_str_opr	BOBJ1	282.15	Before	Right Exterior Girder	57.15	0.95	1	1	7.138412
Lane_str_opr	BOBJ1	282.15	After	Left Exterior Girder	57.15	0.95	1	1	7.122265
Lane_str_opr	BOBJ1	282.15	After	Interior Girder 1	57.15	0.95	1	1	7.086946
Lane_str_opr	BOBJ1	282.15	After	Interior Girder 2	57.15	0.95	1	1	7.086946
Lane_str_opr	BOBJ1	282.15	After	Right Exterior Girder	57.15	0.95	1	1	7.122265
Lane_str_opr	BOBJ1	293.6	Before	Left Exterior Girder	68.6	0.95	1	1	7.881265
Lane_str_opr	BOBJ1	293.6	Before	Interior Girder 1	68.6	0.95	1	1	7.407927
Lane_str_opr	BOBJ1	293.6	Before	Interior Girder 2	68.6	0.95	1	1	7.407927
Lane_str_opr	BOBJ1	293.6	Before	Right Exterior Girder	68.6	0.95	1	1	7.881265
Lane_str_opr	BOBJ1	293.6	After	Left Exterior Girder	68.6	0.95	1	1	7.805901
Lane_str_opr	BOBJ1	293.6	After	Interior Girder 1	68.6	0.95	1	1	7.69783
Lane_str_opr	BOBJ1	293.6	After	Interior Girder 2	68.6	0.95	1	1	7.69783
Lane_str_opr	BOBJ1	293.6	After	Right Exterior Girder	68.6	0.95	1	1	7.805901
Lane_str_opr	BOBJ1	305	Before	Left Exterior Girder	80	0.95	1	1	4.204487
Lane_str_opr	BOBJ1	305	Before	Interior Girder 1	80	0.95	1	1	3.846662
Lane_str_opr	BOBJ1	305	Before	Interior Girder 2	80	0.95	1	1	3.846662
Lane_str_opr	BOBJ1	305	Before	Right Exterior Girder	80	0.95	1	1	4.204487
Lane_str_opr	BOBJ1	305	After	Left Exterior Girder	80	0.95	1	1	4.206406
Lane_str_opr	BOBJ1	305	After	Interior Girder 1	80	0.95	1	1	3.845463
Lane_str_opr	BOBJ1	305	After	Interior Girder 2	80	0.95	1	1	3.845463
Lane_str_opr	BOBJ1	305	After	Right Exterior Girder	80	0.95	1	1	4.206406
Lane_str_opr	BOBJ1	306.9561	Before	Left Exterior Girder	81.9561	0.95	1	1	3.719616
Lane_str_opr	BOBJ1	306.9561	Before	Interior Girder 1	81.9561	0.95	1	1	3.395481
Lane_str_opr	BOBJ1	306.9561	Before	Interior Girder 2	81.9561	0.95	1	1	3.395481
Lane_str_opr	BOBJ1	306.9561	Before	Right Exterior Girder	81.9561	0.95	1	1	3.719616

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelINonCompStrgth-Flx - Main Span Girders									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Lane_str_opr	BOBJ1	306.9561	After	Left Exterior Girder	81.9561	0.95	1	1	9.918902
Lane_str_opr	BOBJ1	306.9561	After	Interior Girder 1	81.9561	0.95	1	1	8.957736
Lane_str_opr	BOBJ1	306.9561	After	Interior Girder 2	81.9561	0.95	1	1	8.957736
Lane_str_opr	BOBJ1	306.9561	After	Right Exterior Girder	81.9561	0.95	1	1	9.918903
Lane_str_opr	BOBJ1	316.4	Before	Left Exterior Girder	91.4	0.95	1	1	6.931325
Lane_str_opr	BOBJ1	316.4	Before	Interior Girder 1	91.4	0.95	1	1	6.440461
Lane_str_opr	BOBJ1	316.4	Before	Interior Girder 2	91.4	0.95	1	1	6.440461
Lane_str_opr	BOBJ1	316.4	Before	Right Exterior Girder	91.4	0.95	1	1	6.931326
Lane_str_opr	BOBJ1	316.4	After	Left Exterior Girder	91.4	0.95	1	1	7.096318
Lane_str_opr	BOBJ1	316.4	After	Interior Girder 1	91.4	0.95	1	1	6.457516
Lane_str_opr	BOBJ1	316.4	After	Interior Girder 2	91.4	0.95	1	1	6.457516
Lane_str_opr	BOBJ1	316.4	After	Right Exterior Girder	91.4	0.95	1	1	7.096318
Lane_str_opr	BOBJ1	327.85	Before	Left Exterior Girder	102.9679	0.95	1	1	4.808226
Lane_str_opr	BOBJ1	327.85	Before	Interior Girder 1	102.9679	0.95	1	1	4.470847
Lane_str_opr	BOBJ1	327.85	Before	Interior Girder 2	102.9679	0.95	1	1	4.470847
Lane_str_opr	BOBJ1	327.85	Before	Right Exterior Girder	102.9679	0.95	1	1	4.808226
Lane_str_opr	BOBJ1	327.85	After	Left Exterior Girder	102.9679	0.95	1	1	9.261076
Lane_str_opr	BOBJ1	327.85	After	Interior Girder 1	102.9679	0.95	1	1	8.746522
Lane_str_opr	BOBJ1	327.85	After	Interior Girder 2	102.9679	0.95	1	1	8.746523
Lane_str_opr	BOBJ1	327.85	After	Right Exterior Girder	102.9679	0.95	1	1	9.261076
Lane_str_opr	BOBJ1	339.3	Before	Left Exterior Girder	114.3	0.95	1	1	7.298589
Lane_str_opr	BOBJ1	339.3	Before	Interior Girder 1	114.3	0.95	1	1	7.079234
Lane_str_opr	BOBJ1	339.3	Before	Interior Girder 2	114.3	0.95	1	1	7.079234
Lane_str_opr	BOBJ1	339.3	Before	Right Exterior Girder	114.3	0.95	1	1	7.298589
Lane_str_opr	BOBJ1	339.3	After	Left Exterior Girder	114.3	0.95	1	1	7.381387
Lane_str_opr	BOBJ1	339.3	After	Interior Girder 1	114.3	0.95	1	1	7.102242
Lane_str_opr	BOBJ1	339.3	After	Interior Girder 2	114.3	0.95	1	1	7.102242
Lane_str_opr	BOBJ1	339.3	After	Right Exterior Girder	114.3	0.95	1	1	7.381387
Lane_str_opr	BOBJ1	350.7	Before	Left Exterior Girder	125.7	0.95	1	1	6.198586
Lane_str_opr	BOBJ1	350.7	Before	Interior Girder 1	125.7	0.95	1	1	5.983345
Lane_str_opr	BOBJ1	350.7	Before	Interior Girder 2	125.7	0.95	1	1	5.983345
Lane_str_opr	BOBJ1	350.7	Before	Right Exterior Girder	125.7	0.95	1	1	6.198586
Lane_str_opr	BOBJ1	350.7	After	Left Exterior Girder	125.7	0.95	1	1	6.198281
Lane_str_opr	BOBJ1	350.7	After	Interior Girder 1	125.7	0.95	1	1	5.984073
Lane_str_opr	BOBJ1	350.7	After	Interior Girder 2	125.7	0.95	1	1	5.984073
Lane_str_opr	BOBJ1	350.7	After	Right Exterior Girder	125.7	0.95	1	1	6.198281
Lane_str_opr	BOBJ1	362.1	Before	Left Exterior Girder	137.1	0.95	1	1	5.423282
Lane_str_opr	BOBJ1	362.1	Before	Interior Girder 1	137.1	0.95	1	1	5.309015
Lane_str_opr	BOBJ1	362.1	Before	Interior Girder 2	137.1	0.95	1	1	5.309015
Lane_str_opr	BOBJ1	362.1	Before	Right Exterior Girder	137.1	0.95	1	1	5.423282
Lane_str_opr	BOBJ1	362.1	After	Left Exterior Girder	137.1	0.95	1	1	5.458125
Lane_str_opr	BOBJ1	362.1	After	Interior Girder 1	137.1	0.95	1	1	5.321572
Lane_str_opr	BOBJ1	362.1	After	Interior Girder 2	137.1	0.95	1	1	5.321572
Lane_str_opr	BOBJ1	362.1	After	Right Exterior Girder	137.1	0.95	1	1	5.458125
Lane_str_opr	BOBJ1	373.55	Before	Left Exterior Girder	148.55	0.95	1	1	5.064449
Lane_str_opr	BOBJ1	373.55	Before	Interior Girder 1	148.55	0.95	1	1	4.919029
Lane_str_opr	BOBJ1	373.55	Before	Interior Girder 2	148.55	0.95	1	1	4.919029
Lane_str_opr	BOBJ1	373.55	Before	Right Exterior Girder	148.55	0.95	1	1	5.064449
Lane_str_opr	BOBJ1	373.55	After	Left Exterior Girder	148.55	0.95	1	1	5.064397
Lane_str_opr	BOBJ1	373.55	After	Interior Girder 1	148.55	0.95	1	1	4.919205
Lane_str_opr	BOBJ1	373.55	After	Interior Girder 2	148.55	0.95	1	1	4.919205
Lane_str_opr	BOBJ1	373.55	After	Right Exterior Girder	148.55	0.95	1	1	5.064397
Lane_str_opr	BOBJ1	385	Before	Left Exterior Girder	160	0.95	1	1	4.910394
Lane_str_opr	BOBJ1	385	Before	Interior Girder 1	160	0.95	1	1	4.809907
Lane_str_opr	BOBJ1	385	Before	Interior Girder 2	160	0.95	1	1	4.809907
Lane_str_opr	BOBJ1	385	Before	Right Exterior Girder	160	0.95	1	1	4.910394
Lane_str_opr	BOBJ1	385	After	Left Exterior Girder	160	0.95	1	1	4.910394
Lane_str_opr	BOBJ1	385	After	Interior Girder 1	160	0.95	1	1	4.809902
Lane_str_opr	BOBJ1	385	After	Interior Girder 2	160	0.95	1	1	4.809902
Lane_str_opr	BOBJ1	385	After	Right Exterior Girder	160	0.95	1	1	4.910394
Lane_str_opr	BOBJ1	396.45	Before	Left Exterior Girder	171.45	0.95	1	1	5.064397
Lane_str_opr	BOBJ1	396.45	Before	Interior Girder 1	171.45	0.95	1	1	4.919192
Lane_str_opr	BOBJ1	396.45	Before	Interior Girder 2	171.45	0.95	1	1	4.919192
Lane_str_opr	BOBJ1	396.45	Before	Right Exterior Girder	171.45	0.95	1	1	5.064398
Lane_str_opr	BOBJ1	396.45	After	Left Exterior Girder	171.45	0.95	1	1	5.064449
Lane_str_opr	BOBJ1	396.45	After	Interior Girder 1	171.45	0.95	1	1	4.919016
Lane_str_opr	BOBJ1	396.45	After	Interior Girder 2	171.45	0.95	1	1	4.919016
Lane_str_opr	BOBJ1	396.45	After	Right Exterior Girder	171.45	0.95	1	1	5.064449

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelINonCompStrgth-Flx - Main Span Girders									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Lane_str_opr	BOBJ1	407.9	Before	Left Exterior Girder	182.9	0.95	1	1	5.458142
Lane_str_opr	BOBJ1	407.9	Before	Interior Girder 1	182.9	0.95	1	1	5.321568
Lane_str_opr	BOBJ1	407.9	Before	Interior Girder 2	182.9	0.95	1	1	5.321568
Lane_str_opr	BOBJ1	407.9	Before	Right Exterior Girder	182.9	0.95	1	1	5.458142
Lane_str_opr	BOBJ1	407.9	After	Left Exterior Girder	182.9	0.95	1	1	5.423299
Lane_str_opr	BOBJ1	407.9	After	Interior Girder 1	182.9	0.95	1	1	5.309005
Lane_str_opr	BOBJ1	407.9	After	Interior Girder 2	182.9	0.95	1	1	5.309004
Lane_str_opr	BOBJ1	407.9	After	Right Exterior Girder	182.9	0.95	1	1	5.423299
Lane_str_opr	BOBJ1	419.3	Before	Left Exterior Girder	194.3	0.95	1	1	6.198303
Lane_str_opr	BOBJ1	419.3	Before	Interior Girder 1	194.3	0.95	1	1	5.984066
Lane_str_opr	BOBJ1	419.3	Before	Interior Girder 2	194.3	0.95	1	1	5.984066
Lane_str_opr	BOBJ1	419.3	Before	Right Exterior Girder	194.3	0.95	1	1	6.198303
Lane_str_opr	BOBJ1	419.3	After	Left Exterior Girder	194.3	0.95	1	1	6.198608
Lane_str_opr	BOBJ1	419.3	After	Interior Girder 1	194.3	0.95	1	1	5.983302
Lane_str_opr	BOBJ1	419.3	After	Interior Girder 2	194.3	0.95	1	1	5.983301
Lane_str_opr	BOBJ1	419.3	After	Right Exterior Girder	194.3	0.95	1	1	6.198608
Lane_str_opr	BOBJ1	430.7	Before	Left Exterior Girder	205.7	0.95	1	1	7.381415
Lane_str_opr	BOBJ1	430.7	Before	Interior Girder 1	205.7	0.95	1	1	7.102217
Lane_str_opr	BOBJ1	430.7	Before	Interior Girder 2	205.7	0.95	1	1	7.102217
Lane_str_opr	BOBJ1	430.7	Before	Right Exterior Girder	205.7	0.95	1	1	7.381415
Lane_str_opr	BOBJ1	430.7	After	Left Exterior Girder	205.7	0.95	1	1	7.298622
Lane_str_opr	BOBJ1	430.7	After	Interior Girder 1	205.7	0.95	1	1	7.079211
Lane_str_opr	BOBJ1	430.7	After	Interior Girder 2	205.7	0.95	1	1	7.079211
Lane_str_opr	BOBJ1	430.7	After	Right Exterior Girder	205.7	0.95	1	1	7.298622
Lane_str_opr	BOBJ1	442.15	Before	Left Exterior Girder	217.0321	0.95	1	1	9.2407
Lane_str_opr	BOBJ1	442.15	Before	Interior Girder 1	217.0321	0.95	1	1	8.741054
Lane_str_opr	BOBJ1	442.15	Before	Interior Girder 2	217.0321	0.95	1	1	8.741054
Lane_str_opr	BOBJ1	442.15	Before	Right Exterior Girder	217.0321	0.95	1	1	9.2407
Lane_str_opr	BOBJ1	442.15	After	Left Exterior Girder	217.0321	0.95	1	1	4.798811
Lane_str_opr	BOBJ1	442.15	After	Interior Girder 1	217.0321	0.95	1	1	4.466578
Lane_str_opr	BOBJ1	442.15	After	Interior Girder 2	217.0321	0.95	1	1	4.466578
Lane_str_opr	BOBJ1	442.15	After	Right Exterior Girder	217.0321	0.95	1	1	4.798811
Lane_str_opr	BOBJ1	453.6	Before	Left Exterior Girder	228.6	0.95	1	1	7.096336
Lane_str_opr	BOBJ1	453.6	Before	Interior Girder 1	228.6	0.95	1	1	6.457622
Lane_str_opr	BOBJ1	453.6	Before	Interior Girder 2	228.6	0.95	1	1	6.457622
Lane_str_opr	BOBJ1	453.6	Before	Right Exterior Girder	228.6	0.95	1	1	7.096336
Lane_str_opr	BOBJ1	453.6	After	Left Exterior Girder	228.6	0.95	1	1	6.931363
Lane_str_opr	BOBJ1	453.6	After	Interior Girder 1	228.6	0.95	1	1	6.440411
Lane_str_opr	BOBJ1	453.6	After	Interior Girder 2	228.6	0.95	1	1	6.440411
Lane_str_opr	BOBJ1	453.6	After	Right Exterior Girder	228.6	0.95	1	1	6.931363
Lane_str_opr	BOBJ1	463.0439	Before	Left Exterior Girder	238.0439	0.95	1	1	9.935782
Lane_str_opr	BOBJ1	463.0439	Before	Interior Girder 1	238.0439	0.95	1	1	8.950481
Lane_str_opr	BOBJ1	463.0439	Before	Interior Girder 2	238.0439	0.95	1	1	8.950482
Lane_str_opr	BOBJ1	463.0439	Before	Right Exterior Girder	238.0439	0.95	1	1	9.935782
Lane_str_opr	BOBJ1	463.0439	After	Left Exterior Girder	238.0439	0.95	1	1	3.727297
Lane_str_opr	BOBJ1	463.0439	After	Interior Girder 1	238.0439	0.95	1	1	3.391467
Lane_str_opr	BOBJ1	463.0439	After	Interior Girder 2	238.0439	0.95	1	1	3.391467
Lane_str_opr	BOBJ1	463.0439	After	Right Exterior Girder	238.0439	0.95	1	1	3.727297
Lane_str_opr	BOBJ1	465	Before	Left Exterior Girder	240	0.95	1	1	4.206605
Lane_str_opr	BOBJ1	465	Before	Interior Girder 1	240	0.95	1	1	3.84547
Lane_str_opr	BOBJ1	465	Before	Interior Girder 2	240	0.95	1	1	3.84547
Lane_str_opr	BOBJ1	465	Before	Right Exterior Girder	240	0.95	1	1	4.206605
Lane_str_opr	BOBJ1	465	After	Left Exterior Girder	240	0.95	1	1	4.204692
Lane_str_opr	BOBJ1	465	After	Interior Girder 1	240	0.95	1	1	3.846664
Lane_str_opr	BOBJ1	465	After	Interior Girder 2	240	0.95	1	1	3.846664
Lane_str_opr	BOBJ1	465	After	Right Exterior Girder	240	0.95	1	1	4.204692
Lane_str_opr	BOBJ1	476.4	Before	Left Exterior Girder	251.4	0.95	1	1	7.805911
Lane_str_opr	BOBJ1	476.4	Before	Interior Girder 1	251.4	0.95	1	1	7.697753
Lane_str_opr	BOBJ1	476.4	Before	Interior Girder 2	251.4	0.95	1	1	7.697754
Lane_str_opr	BOBJ1	476.4	Before	Right Exterior Girder	251.4	0.95	1	1	7.80591
Lane_str_opr	BOBJ1	476.4	After	Left Exterior Girder	251.4	0.95	1	1	7.881362
Lane_str_opr	BOBJ1	476.4	After	Interior Girder 1	251.4	0.95	1	1	7.408021
Lane_str_opr	BOBJ1	476.4	After	Interior Girder 2	251.4	0.95	1	1	7.408022
Lane_str_opr	BOBJ1	476.4	After	Right Exterior Girder	251.4	0.95	1	1	7.881361
Lane_str_opr	BOBJ1	487.85	Before	Left Exterior Girder	262.85	0.95	1	1	7.068986
Lane_str_opr	BOBJ1	487.85	Before	Interior Girder 1	262.85	0.95	1	1	7.08696
Lane_str_opr	BOBJ1	487.85	Before	Interior Girder 2	262.85	0.95	1	1	7.08696
Lane_str_opr	BOBJ1	487.85	Before	Right Exterior Girder	262.85	0.95	1	1	7.068986

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelINonCompStrgth-Flx - Main Span Girders									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Lane_str_opr	BOBJ1	487.85	After	Left Exterior Girder	262.85	0.95	1	1	7.085148
Lane_str_opr	BOBJ1	487.85	After	Interior Girder 1	262.85	0.95	1	1	7.067444
Lane_str_opr	BOBJ1	487.85	After	Interior Girder 2	262.85	0.95	1	1	7.067444
Lane_str_opr	BOBJ1	487.85	After	Right Exterior Girder	262.85	0.95	1	1	7.085148
Lane_str_opr	BOBJ1	496.3126	Before	Left Exterior Girder	271.3126	0.95	1	1	4.107002
Lane_str_opr	BOBJ1	496.3126	Before	Interior Girder 1	271.3126	0.95	1	1	4.146673
Lane_str_opr	BOBJ1	496.3126	Before	Interior Girder 2	271.3126	0.95	1	1	4.146673
Lane_str_opr	BOBJ1	496.3126	Before	Right Exterior Girder	271.3126	0.95	1	1	4.107002
Lane_str_opr	BOBJ1	496.3126	After	Left Exterior Girder	271.3126	0.95	1	1	9.699338
Lane_str_opr	BOBJ1	496.3126	After	Interior Girder 1	271.3126	0.95	1	1	9.588823
Lane_str_opr	BOBJ1	496.3126	After	Interior Girder 2	271.3126	0.95	1	1	9.588823
Lane_str_opr	BOBJ1	496.3126	After	Right Exterior Girder	271.3126	0.95	1	1	9.699338
Lane_str_opr	BOBJ1	499.3	Before	Left Exterior Girder	274.3	0.95	1	1	8.331013
Lane_str_opr	BOBJ1	499.3	Before	Interior Girder 1	274.3	0.95	1	1	8.332422
Lane_str_opr	BOBJ1	499.3	Before	Interior Girder 2	274.3	0.95	1	1	8.332422
Lane_str_opr	BOBJ1	499.3	Before	Right Exterior Girder	274.3	0.95	1	1	8.331013
Lane_str_opr	BOBJ1	499.3	After	Left Exterior Girder	274.3	0.95	1	1	7.296853
Lane_str_opr	BOBJ1	499.3	After	Interior Girder 1	274.3	0.95	1	1	7.068003
Lane_str_opr	BOBJ1	499.3	After	Interior Girder 2	274.3	0.95	1	1	7.068003
Lane_str_opr	BOBJ1	499.3	After	Right Exterior Girder	274.3	0.95	1	1	7.296853
Lane_str_opr	BOBJ1	503.8969	Before	Left Exterior Girder	278.8969	0.95	1	1	5.52419
Lane_str_opr	BOBJ1	503.8969	Before	Interior Girder 1	278.8969	0.95	1	1	5.434411
Lane_str_opr	BOBJ1	503.8969	Before	Interior Girder 2	278.8969	0.95	1	1	5.434411
Lane_str_opr	BOBJ1	503.8969	Before	Right Exterior Girder	278.8969	0.95	1	1	5.52419
Lane_str_opr	BOBJ1	503.8969	After	Left Exterior Girder	278.8969	0.95	1	1	10.743831
Lane_str_opr	BOBJ1	503.8969	After	Interior Girder 1	278.8969	0.95	1	1	10.531396
Lane_str_opr	BOBJ1	503.8969	After	Interior Girder 2	278.8969	0.95	1	1	10.531396
Lane_str_opr	BOBJ1	503.8969	After	Right Exterior Girder	278.8969	0.95	1	1	10.743831
Lane_str_opr	BOBJ1	510.7	Before	Left Exterior Girder	285.7	0.95	1	1	7.769727
Lane_str_opr	BOBJ1	510.7	Before	Interior Girder 1	285.7	0.95	1	1	7.693337
Lane_str_opr	BOBJ1	510.7	Before	Interior Girder 2	285.7	0.95	1	1	7.693337
Lane_str_opr	BOBJ1	510.7	Before	Right Exterior Girder	285.7	0.95	1	1	7.769727
Lane_str_opr	BOBJ1	510.7	After	Left Exterior Girder	285.7	0.95	1	1	7.78424
Lane_str_opr	BOBJ1	510.7	After	Interior Girder 1	285.7	0.95	1	1	7.687694
Lane_str_opr	BOBJ1	510.7	After	Interior Girder 2	285.7	0.95	1	1	7.687694
Lane_str_opr	BOBJ1	510.7	After	Right Exterior Girder	285.7	0.95	1	1	7.78424
Lane_str_opr	BOBJ1	511.4811	Before	Left Exterior Girder	286.4811	0.95	1	1	7.476062
Lane_str_opr	BOBJ1	511.4811	Before	Interior Girder 1	286.4811	0.95	1	1	7.40251
Lane_str_opr	BOBJ1	511.4811	Before	Interior Girder 2	286.4811	0.95	1	1	7.402511
Lane_str_opr	BOBJ1	511.4811	Before	Right Exterior Girder	286.4811	0.95	1	1	7.476062
Lane_str_opr	BOBJ1	511.4811	After	Left Exterior Girder	286.4811	0.95	1	1	11.158759
Lane_str_opr	BOBJ1	511.4811	After	Interior Girder 1	286.4811	0.95	1	1	11.027611
Lane_str_opr	BOBJ1	511.4811	After	Interior Girder 2	286.4811	0.95	1	1	11.027611
Lane_str_opr	BOBJ1	511.4811	After	Right Exterior Girder	286.4811	0.95	1	1	11.158759
Lane_str_opr	BOBJ1	522.1	Before	Left Exterior Girder	297.1	0.95	1	1	7.039713
Lane_str_opr	BOBJ1	522.1	Before	Interior Girder 1	297.1	0.95	1	1	6.898269
Lane_str_opr	BOBJ1	522.1	Before	Interior Girder 2	297.1	0.95	1	1	6.898269
Lane_str_opr	BOBJ1	522.1	Before	Right Exterior Girder	297.1	0.95	1	1	7.039713
Lane_str_opr	BOBJ1	522.1	After	Left Exterior Girder	297.1	0.95	1	1	7.181235
Lane_str_opr	BOBJ1	522.1	After	Interior Girder 1	297.1	0.95	1	1	6.930572
Lane_str_opr	BOBJ1	522.1	After	Interior Girder 2	297.1	0.95	1	1	6.930572
Lane_str_opr	BOBJ1	522.1	After	Right Exterior Girder	297.1	0.95	1	1	7.181235
Lane_str_opr	BOBJ1	530.4918	Before	Left Exterior Girder	305.4918	0.95	1	1	4.791687
Lane_str_opr	BOBJ1	530.4918	Before	Interior Girder 1	305.4918	0.95	1	1	4.552453
Lane_str_opr	BOBJ1	530.4918	Before	Interior Girder 2	305.4918	0.95	1	1	4.552453
Lane_str_opr	BOBJ1	530.4918	Before	Right Exterior Girder	305.4918	0.95	1	1	4.791687
Lane_str_opr	BOBJ1	530.4918	After	Left Exterior Girder	305.4918	0.95	1	1	7.208629
Lane_str_opr	BOBJ1	530.4918	After	Interior Girder 1	305.4918	0.95	1	1	6.857979
Lane_str_opr	BOBJ1	530.4918	After	Interior Girder 2	305.4918	0.95	1	1	6.857979
Lane_str_opr	BOBJ1	530.4918	After	Right Exterior Girder	305.4918	0.95	1	1	7.208629
Lane_str_opr	BOBJ1	533.55	Before	Left Exterior Girder	308.55	0.95	1	1	6.345059
Lane_str_opr	BOBJ1	533.55	Before	Interior Girder 1	308.55	0.95	1	1	5.987402
Lane_str_opr	BOBJ1	533.55	Before	Interior Girder 2	308.55	0.95	1	1	5.987402
Lane_str_opr	BOBJ1	533.55	Before	Right Exterior Girder	308.55	0.95	1	1	6.345059
Lane_str_opr	BOBJ1	533.55	After	Left Exterior Girder	308.55	0.95	1	1	6.333617
Lane_str_opr	BOBJ1	533.55	After	Interior Girder 1	308.55	0.95	1	1	5.991917
Lane_str_opr	BOBJ1	533.55	After	Interior Girder 2	308.55	0.95	1	1	5.991917
Lane_str_opr	BOBJ1	533.55	After	Right Exterior Girder	308.55	0.95	1	1	6.333617

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelNonCompStrgth-Flx - Main Span Girders									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Lane_str_opr	BOBJ1	545	Before	Left Exterior Girder	320	0.95	1	1	3.742787
Lane_str_opr	BOBJ1	545	Before	Interior Girder 1	320	0.95	1	1	3.36493
Lane_str_opr	BOBJ1	545	Before	Interior Girder 2	320	0.95	1	1	3.36493
Lane_str_opr	BOBJ1	545	Before	Right Exterior Girder	320	0.95	1	1	3.742787
Lane_str_opr	BOBJ1	545	After	Left Exterior Girder	0	0.95	1	1	4.054448
Lane_str_opr	BOBJ1	545	After	Interior Girder 1	0	0.95	1	1	3.407414
Lane_str_opr	BOBJ1	545	After	Interior Girder 2	0	0.95	1	1	3.407414
Lane_str_opr	BOBJ1	545	After	Right Exterior Girder	0	0.95	1	1	4.054448
Lane_str_opr	BOBJ1	556.25	Before	Left Exterior Girder	11.25	0.95	1	1	6.415959
Lane_str_opr	BOBJ1	556.25	Before	Interior Girder 1	11.25	0.95	1	1	5.57386
Lane_str_opr	BOBJ1	556.25	Before	Interior Girder 2	11.25	0.95	1	1	5.57386
Lane_str_opr	BOBJ1	556.25	Before	Right Exterior Girder	11.25	0.95	1	1	6.415959
Lane_str_opr	BOBJ1	556.25	After	Left Exterior Girder	11.25	0.95	1	1	6.411472
Lane_str_opr	BOBJ1	556.25	After	Interior Girder 1	11.25	0.95	1	1	5.571273
Lane_str_opr	BOBJ1	556.25	After	Interior Girder 2	11.25	0.95	1	1	5.571273
Lane_str_opr	BOBJ1	556.25	After	Right Exterior Girder	11.25	0.95	1	1	6.411471
Lane_str_opr	BOBJ1	559.4358	Before	Left Exterior Girder	14.4358	0.95	1	1	7.204385
Lane_str_opr	BOBJ1	559.4358	Before	Interior Girder 1	14.4358	0.95	1	1	6.298773
Lane_str_opr	BOBJ1	559.4358	Before	Interior Girder 2	14.4358	0.95	1	1	6.298773
Lane_str_opr	BOBJ1	559.4358	Before	Right Exterior Girder	14.4358	0.95	1	1	7.204385
Lane_str_opr	BOBJ1	559.4358	After	Left Exterior Girder	14.4358	0.95	1	1	4.708909
Lane_str_opr	BOBJ1	559.4358	After	Interior Girder 1	14.4358	0.95	1	1	4.08978
Lane_str_opr	BOBJ1	559.4358	After	Interior Girder 2	14.4358	0.95	1	1	4.08978
Lane_str_opr	BOBJ1	559.4358	After	Right Exterior Girder	14.4358	0.95	1	1	4.708909
Lane_str_opr	BOBJ1	567.5	Before	Left Exterior Girder	22.5	0.95	1	1	6.622582
Lane_str_opr	BOBJ1	567.5	Before	Interior Girder 1	22.5	0.95	1	1	5.802338
Lane_str_opr	BOBJ1	567.5	Before	Interior Girder 2	22.5	0.95	1	1	5.802338
Lane_str_opr	BOBJ1	567.5	Before	Right Exterior Girder	22.5	0.95	1	1	6.622582
Lane_str_opr	BOBJ1	567.5	After	Left Exterior Girder	22.5	0.95	1	1	7.148662
Lane_str_opr	BOBJ1	567.5	After	Interior Girder 1	22.5	0.95	1	1	6.260883
Lane_str_opr	BOBJ1	567.5	After	Interior Girder 2	22.5	0.95	1	1	6.260883
Lane_str_opr	BOBJ1	567.5	After	Right Exterior Girder	22.5	0.95	1	1	7.148662
Lane_str_opr	BOBJ1	570.0586	Before	Left Exterior Girder	25.0586	0.95	1	1	7.863959
Lane_str_opr	BOBJ1	570.0586	Before	Interior Girder 1	25.0586	0.95	1	1	6.893221
Lane_str_opr	BOBJ1	570.0586	Before	Interior Girder 2	25.0586	0.95	1	1	6.893221
Lane_str_opr	BOBJ1	570.0586	Before	Right Exterior Girder	25.0586	0.95	1	1	7.863959
Lane_str_opr	BOBJ1	570.0586	After	Left Exterior Girder	25.0586	0.95	1	1	4.702808
Lane_str_opr	BOBJ1	570.0586	After	Interior Girder 1	25.0586	0.95	1	1	4.092424
Lane_str_opr	BOBJ1	570.0586	After	Interior Girder 2	25.0586	0.95	1	1	4.092424
Lane_str_opr	BOBJ1	570.0586	After	Right Exterior Girder	25.0586	0.95	1	1	4.702808
Lane_str_opr	BOBJ1	578.75	Before	Left Exterior Girder	33.75	0.95	1	1	6.785278
Lane_str_opr	BOBJ1	578.75	Before	Interior Girder 1	33.75	0.95	1	1	6.009317
Lane_str_opr	BOBJ1	578.75	Before	Interior Girder 2	33.75	0.95	1	1	6.009317
Lane_str_opr	BOBJ1	578.75	Before	Right Exterior Girder	33.75	0.95	1	1	6.785278
Lane_str_opr	BOBJ1	578.75	After	Left Exterior Girder	33.75	0.95	1	1	6.755928
Lane_str_opr	BOBJ1	578.75	After	Interior Girder 1	33.75	0.95	1	1	6.020182
Lane_str_opr	BOBJ1	578.75	After	Interior Girder 2	33.75	0.95	1	1	6.020182
Lane_str_opr	BOBJ1	578.75	After	Right Exterior Girder	33.75	0.95	1	1	6.755928
Lane_str_opr	BOBJ1	586.8142	Before	Left Exterior Girder	41.8142	0.95	1	1	8.861613
Lane_str_opr	BOBJ1	586.8142	Before	Interior Girder 1	41.8142	0.95	1	1	8.028705
Lane_str_opr	BOBJ1	586.8142	Before	Interior Girder 2	41.8142	0.95	1	1	8.028705
Lane_str_opr	BOBJ1	586.8142	Before	Right Exterior Girder	41.8142	0.95	1	1	8.861613
Lane_str_opr	BOBJ1	586.8142	After	Left Exterior Girder	41.8142	0.95	1	1	4.098667
Lane_str_opr	BOBJ1	586.8142	After	Interior Girder 1	41.8142	0.95	1	1	3.704897
Lane_str_opr	BOBJ1	586.8142	After	Interior Girder 2	41.8142	0.95	1	1	3.704897
Lane_str_opr	BOBJ1	586.8142	After	Right Exterior Girder	41.8142	0.95	1	1	4.098667
Lane_str_opr	BOBJ1	590	Before	Left Exterior Girder	45	0.95	1	1	4.771734
Lane_str_opr	BOBJ1	590	Before	Interior Girder 1	45	0.95	1	1	4.34345
Lane_str_opr	BOBJ1	590	Before	Interior Girder 2	45	0.95	1	1	4.34345
Lane_str_opr	BOBJ1	590	Before	Right Exterior Girder	45	0.95	1	1	4.771733
Lane_str_opr	BOBJ1	590	After	Left Exterior Girder	45	0.95	1	1	3.078604
Lane_str_opr	BOBJ1	590	After	Interior Girder 1	45	0.95	1	1	2.895786
Lane_str_opr	BOBJ1	590	After	Interior Girder 2	45	0.95	1	1	2.895786
Lane_str_opr	BOBJ1	590	After	Right Exterior Girder	45	0.95	1	1	3.078604
Lane_str_opr	BOBJ1	601.25	Before	Left Exterior Girder	56.25	0.95	1	1	5.304796
Lane_str_opr	BOBJ1	601.25	Before	Interior Girder 1	56.25	0.95	1	1	5.038995
Lane_str_opr	BOBJ1	601.25	Before	Interior Girder 2	56.25	0.95	1	1	5.038995
Lane_str_opr	BOBJ1	601.25	Before	Right Exterior Girder	56.25	0.95	1	1	5.304796

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelINonCompStrgth-Flx - Main Span Girders									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Lane_str_opr	BOBJ1	601.25	After	Left Exterior Girder	56.25	0.95	1	1	5.290867
Lane_str_opr	BOBJ1	601.25	After	Interior Girder 1	56.25	0.95	1	1	5.052035
Lane_str_opr	BOBJ1	601.25	After	Interior Girder 2	56.25	0.95	1	1	5.052035
Lane_str_opr	BOBJ1	601.25	After	Right Exterior Girder	56.25	0.95	1	1	5.290867
Lane_str_opr	BOBJ1	601.7478	Before	Left Exterior Girder	56.7478	0.95	1	1	5.390447
Lane_str_opr	BOBJ1	601.7478	Before	Interior Girder 1	56.7478	0.95	1	1	5.146487
Lane_str_opr	BOBJ1	601.7478	Before	Interior Girder 2	56.7478	0.95	1	1	5.146487
Lane_str_opr	BOBJ1	601.7478	Before	Right Exterior Girder	56.7478	0.95	1	1	5.390447
Lane_str_opr	BOBJ1	601.7478	After	Left Exterior Girder	56.7478	0.95	1	1	1.712913
Lane_str_opr	BOBJ1	601.7478	After	Interior Girder 1	56.7478	0.95	1	1	1.653432
Lane_str_opr	BOBJ1	601.7478	After	Interior Girder 2	56.7478	0.95	1	1	1.653432
Lane_str_opr	BOBJ1	601.7478	After	Right Exterior Girder	56.7478	0.95	1	1	1.712913
Lane_str_opr	BOBJ1	612.5	Before	Left Exterior Girder	67.5	0.95	1	1	3.539146
Lane_str_opr	BOBJ1	612.5	Before	Interior Girder 1	67.5	0.95	1	1	3.426349
Lane_str_opr	BOBJ1	612.5	Before	Interior Girder 2	67.5	0.95	1	1	3.426349
Lane_str_opr	BOBJ1	612.5	Before	Right Exterior Girder	67.5	0.95	1	1	3.539146
Lane_str_opr	BOBJ1	612.5	After	Left Exterior Girder	67.5	0.95	1	1	4.969471
Lane_str_opr	BOBJ1	612.5	After	Interior Girder 1	67.5	0.95	1	1	4.858337
Lane_str_opr	BOBJ1	612.5	After	Interior Girder 2	67.5	0.95	1	1	4.858337
Lane_str_opr	BOBJ1	612.5	After	Right Exterior Girder	67.5	0.95	1	1	4.969471
Lane_str_opr	BOBJ1	623.75	Before	Left Exterior Girder	78.75	0.95	1	1	7.030104
Lane_str_opr	BOBJ1	623.75	Before	Interior Girder 1	78.75	0.95	1	1	6.64997
Lane_str_opr	BOBJ1	623.75	Before	Interior Girder 2	78.75	0.95	1	1	6.649969
Lane_str_opr	BOBJ1	623.75	Before	Right Exterior Girder	78.75	0.95	1	1	7.030104
Lane_str_opr	BOBJ1	623.75	After	Left Exterior Girder	78.75	0.95	1	1	7.016423
Lane_str_opr	BOBJ1	623.75	After	Interior Girder 1	78.75	0.95	1	1	6.645043
Lane_str_opr	BOBJ1	623.75	After	Interior Girder 2	78.75	0.95	1	1	6.645043
Lane_str_opr	BOBJ1	623.75	After	Right Exterior Girder	78.75	0.95	1	1	7.016423
Lane_str_opr	BOBJ1	635	Before	Left Exterior Girder	90	0.95	1	1	5.204539
Lane_str_opr	BOBJ1	635	Before	Interior Girder 1	90	0.95	1	1	4.81825
Lane_str_opr	BOBJ1	635	Before	Interior Girder 2	90	0.95	1	1	4.81825
Lane_str_opr	BOBJ1	635	Before	Right Exterior Girder	90	0.95	1	1	5.204539
Lane_str_opr	BOBJ1	635	After	Left Exterior Girder	90	0.95	1	1	5.293792
Lane_str_opr	BOBJ1	635	After	Interior Girder 1	90	0.95	1	1	4.84851
Lane_str_opr	BOBJ1	635	After	Interior Girder 2	90	0.95	1	1	4.84851
Lane_str_opr	BOBJ1	635	After	Right Exterior Girder	90	0.95	1	1	5.293792
Lane_str_opr	BOBJ1	643.5619	Before	Left Exterior Girder	98.5619	0.95	1	1	4.150106
Lane_str_opr	BOBJ1	643.5619	Before	Interior Girder 1	98.5619	0.95	1	1	3.846499
Lane_str_opr	BOBJ1	643.5619	Before	Interior Girder 2	98.5619	0.95	1	1	3.846498
Lane_str_opr	BOBJ1	643.5619	Before	Right Exterior Girder	98.5619	0.95	1	1	4.150106
Lane_str_opr	BOBJ1	643.5619	After	Left Exterior Girder	98.5619	0.95	1	1	7.863269
Lane_str_opr	BOBJ1	643.5619	After	Interior Girder 1	98.5619	0.95	1	1	7.252735
Lane_str_opr	BOBJ1	643.5619	After	Interior Girder 2	98.5619	0.95	1	1	7.252735
Lane_str_opr	BOBJ1	643.5619	After	Right Exterior Girder	98.5619	0.95	1	1	7.863269
Lane_str_opr	BOBJ1	646.25	Before	Left Exterior Girder	101.25	0.95	1	1	7.493389
Lane_str_opr	BOBJ1	646.25	Before	Interior Girder 1	101.25	0.95	1	1	6.948345
Lane_str_opr	BOBJ1	646.25	Before	Interior Girder 2	101.25	0.95	1	1	6.948345
Lane_str_opr	BOBJ1	646.25	Before	Right Exterior Girder	101.25	0.95	1	1	7.493389
Lane_str_opr	BOBJ1	646.25	After	Left Exterior Girder	101.25	0.95	1	1	7.493372
Lane_str_opr	BOBJ1	646.25	After	Interior Girder 1	101.25	0.95	1	1	6.950003
Lane_str_opr	BOBJ1	646.25	After	Interior Girder 2	101.25	0.95	1	1	6.950002
Lane_str_opr	BOBJ1	646.25	After	Right Exterior Girder	101.25	0.95	1	1	7.493373
Lane_str_opr	BOBJ1	657.5	Before	Left Exterior Girder	112.5	0.95	1	1	6.294863
Lane_str_opr	BOBJ1	657.5	Before	Interior Girder 1	112.5	0.95	1	1	5.978997
Lane_str_opr	BOBJ1	657.5	Before	Interior Girder 2	112.5	0.95	1	1	5.978996
Lane_str_opr	BOBJ1	657.5	Before	Right Exterior Girder	112.5	0.95	1	1	6.294864
Lane_str_opr	BOBJ1	657.5	After	Left Exterior Girder	112.5	0.95	1	1	6.321316
Lane_str_opr	BOBJ1	657.5	After	Interior Girder 1	112.5	0.95	1	1	5.982973
Lane_str_opr	BOBJ1	657.5	After	Interior Girder 2	112.5	0.95	1	1	5.982972
Lane_str_opr	BOBJ1	657.5	After	Right Exterior Girder	112.5	0.95	1	1	6.321315
Lane_str_opr	BOBJ1	668.75	Before	Left Exterior Girder	123.75	0.95	1	1	5.640413
Lane_str_opr	BOBJ1	668.75	Before	Interior Girder 1	123.75	0.95	1	1	5.352149
Lane_str_opr	BOBJ1	668.75	Before	Interior Girder 2	123.75	0.95	1	1	5.352149
Lane_str_opr	BOBJ1	668.75	Before	Right Exterior Girder	123.75	0.95	1	1	5.640413
Lane_str_opr	BOBJ1	668.75	After	Left Exterior Girder	123.75	0.95	1	1	5.643347
Lane_str_opr	BOBJ1	668.75	After	Interior Girder 1	123.75	0.95	1	1	5.349633
Lane_str_opr	BOBJ1	668.75	After	Interior Girder 2	123.75	0.95	1	1	5.349633
Lane_str_opr	BOBJ1	668.75	After	Right Exterior Girder	123.75	0.95	1	1	5.643347

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelINonCompStrgth-Flx - Main Span Girders									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Lane_str_opr	BOBJ1	680	Before	Left Exterior Girder	135	0.95	1	1	5.273203
Lane_str_opr	BOBJ1	680	Before	Interior Girder 1	135	0.95	1	1	5.063062
Lane_str_opr	BOBJ1	680	Before	Interior Girder 2	135	0.95	1	1	5.063062
Lane_str_opr	BOBJ1	680	Before	Right Exterior Girder	135	0.95	1	1	5.273203
Lane_str_opr	BOBJ1	680	After	Left Exterior Girder	135	0.95	1	1	5.260845
Lane_str_opr	BOBJ1	680	After	Interior Girder 1	135	0.95	1	1	5.059757
Lane_str_opr	BOBJ1	680	After	Interior Girder 2	135	0.95	1	1	5.059758
Lane_str_opr	BOBJ1	680	After	Right Exterior Girder	135	0.95	1	1	5.260845
Lane_str_opr	BOBJ1	691.25	Before	Left Exterior Girder	146.25	0.95	1	1	5.278165
Lane_str_opr	BOBJ1	691.25	Before	Interior Girder 1	146.25	0.95	1	1	5.037682
Lane_str_opr	BOBJ1	691.25	Before	Interior Girder 2	146.25	0.95	1	1	5.037682
Lane_str_opr	BOBJ1	691.25	Before	Right Exterior Girder	146.25	0.95	1	1	5.278165
Lane_str_opr	BOBJ1	691.25	After	Left Exterior Girder	146.25	0.95	1	1	5.273837
Lane_str_opr	BOBJ1	691.25	After	Interior Girder 1	146.25	0.95	1	1	5.039136
Lane_str_opr	BOBJ1	691.25	After	Interior Girder 2	146.25	0.95	1	1	5.039136
Lane_str_opr	BOBJ1	691.25	After	Right Exterior Girder	146.25	0.95	1	1	5.273837
Lane_str_opr	BOBJ1	702.5	Before	Left Exterior Girder	157.5	0.95	1	1	5.61024
Lane_str_opr	BOBJ1	702.5	Before	Interior Girder 1	157.5	0.95	1	1	5.377648
Lane_str_opr	BOBJ1	702.5	Before	Interior Girder 2	157.5	0.95	1	1	5.377648
Lane_str_opr	BOBJ1	702.5	Before	Right Exterior Girder	157.5	0.95	1	1	5.61024
Lane_str_opr	BOBJ1	702.5	After	Left Exterior Girder	157.5	0.95	1	1	5.538539
Lane_str_opr	BOBJ1	702.5	After	Interior Girder 1	157.5	0.95	1	1	5.346433
Lane_str_opr	BOBJ1	702.5	After	Interior Girder 2	157.5	0.95	1	1	5.346433
Lane_str_opr	BOBJ1	702.5	After	Right Exterior Girder	157.5	0.95	1	1	5.538538
Lane_str_opr	BOBJ1	713.75	Before	Left Exterior Girder	168.75	0.95	1	1	6.405449
Lane_str_opr	BOBJ1	713.75	Before	Interior Girder 1	168.75	0.95	1	1	6.078134
Lane_str_opr	BOBJ1	713.75	Before	Interior Girder 2	168.75	0.95	1	1	6.078134
Lane_str_opr	BOBJ1	713.75	Before	Right Exterior Girder	168.75	0.95	1	1	6.405448
Lane_str_opr	BOBJ1	713.75	After	Left Exterior Girder	168.75	0.95	1	1	6.39198
Lane_str_opr	BOBJ1	713.75	After	Interior Girder 1	168.75	0.95	1	1	6.083763
Lane_str_opr	BOBJ1	713.75	After	Interior Girder 2	168.75	0.95	1	1	6.083763
Lane_str_opr	BOBJ1	713.75	After	Right Exterior Girder	168.75	0.95	1	1	6.391979
Lane_str_opr	BOBJ1	725	Before	Left Exterior Girder	180	0.95	1	1	7.958523
Lane_str_opr	BOBJ1	725	Before	Interior Girder 1	180	0.95	1	1	7.532277
Lane_str_opr	BOBJ1	725	Before	Interior Girder 2	180	0.95	1	1	7.532277
Lane_str_opr	BOBJ1	725	Before	Right Exterior Girder	180	0.95	1	1	7.958522
Lane_str_opr	BOBJ1	725	After	Left Exterior Girder	180	0.95	1	1	7.813849
Lane_str_opr	BOBJ1	725	After	Interior Girder 1	180	0.95	1	1	7.472147
Lane_str_opr	BOBJ1	725	After	Interior Girder 2	180	0.95	1	1	7.472147
Lane_str_opr	BOBJ1	725	After	Right Exterior Girder	180	0.95	1	1	7.813849
Lane_str_opr	BOBJ1	731.1726	Before	Left Exterior Girder	186.1726	0.95	1	1	9.239316
Lane_str_opr	BOBJ1	731.1726	Before	Interior Girder 1	186.1726	0.95	1	1	8.691866
Lane_str_opr	BOBJ1	731.1726	Before	Interior Girder 2	186.1726	0.95	1	1	8.691866
Lane_str_opr	BOBJ1	731.1726	Before	Right Exterior Girder	186.1726	0.95	1	1	9.239316
Lane_str_opr	BOBJ1	731.1726	After	Left Exterior Girder	186.1726	0.95	1	1	3.961818
Lane_str_opr	BOBJ1	731.1726	After	Interior Girder 1	186.1726	0.95	1	1	3.748094
Lane_str_opr	BOBJ1	731.1726	After	Interior Girder 2	186.1726	0.95	1	1	3.748094
Lane_str_opr	BOBJ1	731.1726	After	Right Exterior Girder	186.1726	0.95	1	1	3.961818
Lane_str_opr	BOBJ1	736.25	Before	Left Exterior Girder	191.25	0.95	1	1	4.930088
Lane_str_opr	BOBJ1	736.25	Before	Interior Girder 1	191.25	0.95	1	1	4.592415
Lane_str_opr	BOBJ1	736.25	Before	Interior Girder 2	191.25	0.95	1	1	4.592415
Lane_str_opr	BOBJ1	736.25	Before	Right Exterior Girder	191.25	0.95	1	1	4.930088
Lane_str_opr	BOBJ1	736.25	After	Left Exterior Girder	191.25	0.95	1	1	4.911599
Lane_str_opr	BOBJ1	736.25	After	Interior Girder 1	191.25	0.95	1	1	4.603313
Lane_str_opr	BOBJ1	736.25	After	Interior Girder 2	191.25	0.95	1	1	4.603313
Lane_str_opr	BOBJ1	736.25	After	Right Exterior Girder	191.25	0.95	1	1	4.911598
Lane_str_opr	BOBJ1	747.5	Before	Left Exterior Girder	202.5	0.95	1	1	8.800939
Lane_str_opr	BOBJ1	747.5	Before	Interior Girder 1	202.5	0.95	1	1	8.072585
Lane_str_opr	BOBJ1	747.5	Before	Interior Girder 2	202.5	0.95	1	1	8.072586
Lane_str_opr	BOBJ1	747.5	Before	Right Exterior Girder	202.5	0.95	1	1	8.800939
Lane_str_opr	BOBJ1	747.5	After	Left Exterior Girder	202.5	0.95	1	1	8.383164
Lane_str_opr	BOBJ1	747.5	After	Interior Girder 1	202.5	0.95	1	1	7.833245
Lane_str_opr	BOBJ1	747.5	After	Interior Girder 2	202.5	0.95	1	1	7.833245
Lane_str_opr	BOBJ1	747.5	After	Right Exterior Girder	202.5	0.95	1	1	8.383162
Lane_str_opr	BOBJ1	758.75	Before	Left Exterior Girder	213.75	0.95	1	1	20.525511
Lane_str_opr	BOBJ1	758.75	Before	Interior Girder 1	213.75	0.95	1	1	18.310499
Lane_str_opr	BOBJ1	758.75	Before	Interior Girder 2	213.75	0.95	1	1	18.310501
Lane_str_opr	BOBJ1	758.75	Before	Right Exterior Girder	213.75	0.95	1	1	20.525504

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelNonCompStrgth-Flx - Main Span Girders									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Lane_str_opr	BOBJ1	758.75	After	Left Exterior Girder	213.75	0.95	1	1	20.45347
Lane_str_opr	BOBJ1	758.75	After	Interior Girder 1	213.75	0.95	1	1	18.286159
Lane_str_opr	BOBJ1	758.75	After	Interior Girder 2	213.75	0.95	1	1	18.286158
Lane_str_opr	BOBJ1	758.75	After	Right Exterior Girder	213.75	0.95	1	1	20.453463
Lane_str_opr	BOBJ1	770	Before	Left Exterior Girder	225	0.95	1	1	365.713654
Lane_str_opr	BOBJ1	770	Before	Interior Girder 1	225	0.95	1	1	292.211469
Lane_str_opr	BOBJ1	770	Before	Interior Girder 2	225	0.95	1	1	292.21035
Lane_str_opr	BOBJ1	770	Before	Right Exterior Girder	225	0.95	1	1	365.715872
Lane_str_inv	BOBJ1	0	After	Left Exterior Girder	0	0.95	1	1	282.122162
Lane_str_inv	BOBJ1	0	After	Interior Girder 1	0	0.95	1	1	225.469327
Lane_str_inv	BOBJ1	0	After	Interior Girder 2	0	0.95	1	1	225.469208
Lane_str_inv	BOBJ1	0	After	Right Exterior Girder	0	0.95	1	1	282.122127
Lane_str_inv	BOBJ1	11.25	Before	Left Exterior Girder	11.25	0.95	1	1	15.778437
Lane_str_inv	BOBJ1	11.25	Before	Interior Girder 1	11.25	0.95	1	1	14.106898
Lane_str_inv	BOBJ1	11.25	Before	Interior Girder 2	11.25	0.95	1	1	14.106901
Lane_str_inv	BOBJ1	11.25	Before	Right Exterior Girder	11.25	0.95	1	1	15.778436
Lane_str_inv	BOBJ1	11.25	After	Left Exterior Girder	11.25	0.95	1	1	15.834185
Lane_str_inv	BOBJ1	11.25	After	Interior Girder 1	11.25	0.95	1	1	14.125618
Lane_str_inv	BOBJ1	11.25	After	Interior Girder 2	11.25	0.95	1	1	14.12562
Lane_str_inv	BOBJ1	11.25	After	Right Exterior Girder	11.25	0.95	1	1	15.834184
Lane_str_inv	BOBJ1	22.5	Before	Left Exterior Girder	22.5	0.95	1	1	6.467094
Lane_str_inv	BOBJ1	22.5	Before	Interior Girder 1	22.5	0.95	1	1	6.042689
Lane_str_inv	BOBJ1	22.5	Before	Interior Girder 2	22.5	0.95	1	1	6.04269
Lane_str_inv	BOBJ1	22.5	Before	Right Exterior Girder	22.5	0.95	1	1	6.467093
Lane_str_inv	BOBJ1	22.5	After	Left Exterior Girder	22.5	0.95	1	1	6.78942
Lane_str_inv	BOBJ1	22.5	After	Interior Girder 1	22.5	0.95	1	1	6.227436
Lane_str_inv	BOBJ1	22.5	After	Interior Girder 2	22.5	0.95	1	1	6.227437
Lane_str_inv	BOBJ1	22.5	After	Right Exterior Girder	22.5	0.95	1	1	6.78942
Lane_str_inv	BOBJ1	33.75	Before	Left Exterior Girder	33.75	0.95	1	1	3.788931
Lane_str_inv	BOBJ1	33.75	Before	Interior Girder 1	33.75	0.95	1	1	3.55117
Lane_str_inv	BOBJ1	33.75	Before	Interior Girder 2	33.75	0.95	1	1	3.55117
Lane_str_inv	BOBJ1	33.75	Before	Right Exterior Girder	33.75	0.95	1	1	3.788931
Lane_str_inv	BOBJ1	33.75	After	Left Exterior Girder	33.75	0.95	1	1	3.803188
Lane_str_inv	BOBJ1	33.75	After	Interior Girder 1	33.75	0.95	1	1	3.542797
Lane_str_inv	BOBJ1	33.75	After	Interior Girder 2	33.75	0.95	1	1	3.542797
Lane_str_inv	BOBJ1	33.75	After	Right Exterior Girder	33.75	0.95	1	1	3.803188
Lane_str_inv	BOBJ1	38.8274	Before	Left Exterior Girder	38.8274	0.95	1	1	3.056238
Lane_str_inv	BOBJ1	38.8274	Before	Interior Girder 1	38.8274	0.95	1	1	2.891408
Lane_str_inv	BOBJ1	38.8274	Before	Interior Girder 2	38.8274	0.95	1	1	2.891408
Lane_str_inv	BOBJ1	38.8274	Before	Right Exterior Girder	38.8274	0.95	1	1	3.056238
Lane_str_inv	BOBJ1	38.8274	After	Left Exterior Girder	38.8274	0.95	1	1	7.127444
Lane_str_inv	BOBJ1	38.8274	After	Interior Girder 1	38.8274	0.95	1	1	6.705172
Lane_str_inv	BOBJ1	38.8274	After	Interior Girder 2	38.8274	0.95	1	1	6.705173
Lane_str_inv	BOBJ1	38.8274	After	Right Exterior Girder	38.8274	0.95	1	1	7.127444
Lane_str_inv	BOBJ1	45	Before	Left Exterior Girder	45	0.95	1	1	6.027739
Lane_str_inv	BOBJ1	45	Before	Interior Girder 1	45	0.95	1	1	5.764172
Lane_str_inv	BOBJ1	45	Before	Interior Girder 2	45	0.95	1	1	5.764173
Lane_str_inv	BOBJ1	45	Before	Right Exterior Girder	45	0.95	1	1	6.02774
Lane_str_inv	BOBJ1	45	After	Left Exterior Girder	45	0.95	1	1	6.13928
Lane_str_inv	BOBJ1	45	After	Interior Girder 1	45	0.95	1	1	5.810563
Lane_str_inv	BOBJ1	45	After	Interior Girder 2	45	0.95	1	1	5.810563
Lane_str_inv	BOBJ1	45	After	Right Exterior Girder	45	0.95	1	1	6.13928
Lane_str_inv	BOBJ1	56.25	Before	Left Exterior Girder	56.25	0.95	1	1	4.930914
Lane_str_inv	BOBJ1	56.25	Before	Interior Girder 1	56.25	0.95	1	1	4.693158
Lane_str_inv	BOBJ1	56.25	Before	Interior Girder 2	56.25	0.95	1	1	4.693158
Lane_str_inv	BOBJ1	56.25	Before	Right Exterior Girder	56.25	0.95	1	1	4.930914
Lane_str_inv	BOBJ1	56.25	After	Left Exterior Girder	56.25	0.95	1	1	4.941282
Lane_str_inv	BOBJ1	56.25	After	Interior Girder 1	56.25	0.95	1	1	4.688817
Lane_str_inv	BOBJ1	56.25	After	Interior Girder 2	56.25	0.95	1	1	4.688816
Lane_str_inv	BOBJ1	56.25	After	Right Exterior Girder	56.25	0.95	1	1	4.941282
Lane_str_inv	BOBJ1	67.5	Before	Left Exterior Girder	67.5	0.95	1	1	4.272691
Lane_str_inv	BOBJ1	67.5	Before	Interior Girder 1	67.5	0.95	1	1	4.124393
Lane_str_inv	BOBJ1	67.5	Before	Interior Girder 2	67.5	0.95	1	1	4.124392
Lane_str_inv	BOBJ1	67.5	Before	Right Exterior Girder	67.5	0.95	1	1	4.272691
Lane_str_inv	BOBJ1	67.5	After	Left Exterior Girder	67.5	0.95	1	1	4.328003
Lane_str_inv	BOBJ1	67.5	After	Interior Girder 1	67.5	0.95	1	1	4.148469
Lane_str_inv	BOBJ1	67.5	After	Interior Girder 2	67.5	0.95	1	1	4.148469
Lane_str_inv	BOBJ1	67.5	After	Right Exterior Girder	67.5	0.95	1	1	4.328004

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelINonCompStrgth-Flx - Main Span Girders									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Lane_str_inv	BOBJ1	78.75	Before	Left Exterior Girder	78.75	0.95	1	1	4.068416
Lane_str_inv	BOBJ1	78.75	Before	Interior Girder 1	78.75	0.95	1	1	3.887247
Lane_str_inv	BOBJ1	78.75	Before	Interior Girder 2	78.75	0.95	1	1	3.887246
Lane_str_inv	BOBJ1	78.75	Before	Right Exterior Girder	78.75	0.95	1	1	4.068416
Lane_str_inv	BOBJ1	78.75	After	Left Exterior Girder	78.75	0.95	1	1	4.071754
Lane_str_inv	BOBJ1	78.75	After	Interior Girder 1	78.75	0.95	1	1	3.886125
Lane_str_inv	BOBJ1	78.75	After	Interior Girder 2	78.75	0.95	1	1	3.886125
Lane_str_inv	BOBJ1	78.75	After	Right Exterior Girder	78.75	0.95	1	1	4.071754
Lane_str_inv	BOBJ1	90	Before	Left Exterior Girder	90	0.95	1	1	4.058403
Lane_str_inv	BOBJ1	90	Before	Interior Girder 1	90	0.95	1	1	3.90323
Lane_str_inv	BOBJ1	90	Before	Interior Girder 2	90	0.95	1	1	3.90323
Lane_str_inv	BOBJ1	90	Before	Right Exterior Girder	90	0.95	1	1	4.058403
Lane_str_inv	BOBJ1	90	After	Left Exterior Girder	90	0.95	1	1	4.067949
Lane_str_inv	BOBJ1	90	After	Interior Girder 1	90	0.95	1	1	3.905779
Lane_str_inv	BOBJ1	90	After	Interior Girder 2	90	0.95	1	1	3.905779
Lane_str_inv	BOBJ1	90	After	Right Exterior Girder	90	0.95	1	1	4.067949
Lane_str_inv	BOBJ1	101.25	Before	Left Exterior Girder	101.25	0.95	1	1	4.353473
Lane_str_inv	BOBJ1	101.25	Before	Interior Girder 1	101.25	0.95	1	1	4.126843
Lane_str_inv	BOBJ1	101.25	Before	Interior Girder 2	101.25	0.95	1	1	4.126843
Lane_str_inv	BOBJ1	101.25	Before	Right Exterior Girder	101.25	0.95	1	1	4.353473
Lane_str_inv	BOBJ1	101.25	After	Left Exterior Girder	101.25	0.95	1	1	4.351209
Lane_str_inv	BOBJ1	101.25	After	Interior Girder 1	101.25	0.95	1	1	4.128788
Lane_str_inv	BOBJ1	101.25	After	Interior Girder 2	101.25	0.95	1	1	4.128788
Lane_str_inv	BOBJ1	101.25	After	Right Exterior Girder	101.25	0.95	1	1	4.351209
Lane_str_inv	BOBJ1	112.5	Before	Left Exterior Girder	112.5	0.95	1	1	4.876456
Lane_str_inv	BOBJ1	112.5	Before	Interior Girder 1	112.5	0.95	1	1	4.615437
Lane_str_inv	BOBJ1	112.5	Before	Interior Girder 2	112.5	0.95	1	1	4.615438
Lane_str_inv	BOBJ1	112.5	Before	Right Exterior Girder	112.5	0.95	1	1	4.876456
Lane_str_inv	BOBJ1	112.5	After	Left Exterior Girder	112.5	0.95	1	1	4.856016
Lane_str_inv	BOBJ1	112.5	After	Interior Girder 1	112.5	0.95	1	1	4.612361
Lane_str_inv	BOBJ1	112.5	After	Interior Girder 2	112.5	0.95	1	1	4.612361
Lane_str_inv	BOBJ1	112.5	After	Right Exterior Girder	112.5	0.95	1	1	4.856016
Lane_str_inv	BOBJ1	123.75	Before	Left Exterior Girder	123.75	0.95	1	1	5.780672
Lane_str_inv	BOBJ1	123.75	Before	Interior Girder 1	123.75	0.95	1	1	5.361463
Lane_str_inv	BOBJ1	123.75	Before	Interior Girder 2	123.75	0.95	1	1	5.361463
Lane_str_inv	BOBJ1	123.75	Before	Right Exterior Girder	123.75	0.95	1	1	5.780672
Lane_str_inv	BOBJ1	123.75	After	Left Exterior Girder	123.75	0.95	1	1	5.780667
Lane_str_inv	BOBJ1	123.75	After	Interior Girder 1	123.75	0.95	1	1	5.360189
Lane_str_inv	BOBJ1	123.75	After	Interior Girder 2	123.75	0.95	1	1	5.360189
Lane_str_inv	BOBJ1	123.75	After	Right Exterior Girder	123.75	0.95	1	1	5.780667
Lane_str_inv	BOBJ1	126.4381	Before	Left Exterior Girder	126.4381	0.95	1	1	6.066055
Lane_str_inv	BOBJ1	126.4381	Before	Interior Girder 1	126.4381	0.95	1	1	5.595014
Lane_str_inv	BOBJ1	126.4381	Before	Interior Girder 2	126.4381	0.95	1	1	5.595014
Lane_str_inv	BOBJ1	126.4381	Before	Right Exterior Girder	126.4381	0.95	1	1	6.066055
Lane_str_inv	BOBJ1	126.4381	After	Left Exterior Girder	126.4381	0.95	1	1	3.201568
Lane_str_inv	BOBJ1	126.4381	After	Interior Girder 1	126.4381	0.95	1	1	2.967328
Lane_str_inv	BOBJ1	126.4381	After	Interior Girder 2	126.4381	0.95	1	1	2.967329
Lane_str_inv	BOBJ1	126.4381	After	Right Exterior Girder	126.4381	0.95	1	1	3.201568
Lane_str_inv	BOBJ1	135	Before	Left Exterior Girder	135	0.95	1	1	4.083794
Lane_str_inv	BOBJ1	135	Before	Interior Girder 1	135	0.95	1	1	3.740287
Lane_str_inv	BOBJ1	135	Before	Interior Girder 2	135	0.95	1	1	3.740287
Lane_str_inv	BOBJ1	135	Before	Right Exterior Girder	135	0.95	1	1	4.083794
Lane_str_inv	BOBJ1	135	After	Left Exterior Girder	135	0.95	1	1	4.014938
Lane_str_inv	BOBJ1	135	After	Interior Girder 1	135	0.95	1	1	3.716929
Lane_str_inv	BOBJ1	135	After	Interior Girder 2	135	0.95	1	1	3.716929
Lane_str_inv	BOBJ1	135	After	Right Exterior Girder	135	0.95	1	1	4.014937
Lane_str_inv	BOBJ1	146.25	Before	Left Exterior Girder	146.25	0.95	1	1	5.412673
Lane_str_inv	BOBJ1	146.25	Before	Interior Girder 1	146.25	0.95	1	1	5.126187
Lane_str_inv	BOBJ1	146.25	Before	Interior Girder 2	146.25	0.95	1	1	5.126187
Lane_str_inv	BOBJ1	146.25	Before	Right Exterior Girder	146.25	0.95	1	1	5.412673
Lane_str_inv	BOBJ1	146.25	After	Left Exterior Girder	146.25	0.95	1	1	5.423227
Lane_str_inv	BOBJ1	146.25	After	Interior Girder 1	146.25	0.95	1	1	5.129981
Lane_str_inv	BOBJ1	146.25	After	Interior Girder 2	146.25	0.95	1	1	5.12998
Lane_str_inv	BOBJ1	146.25	After	Right Exterior Girder	146.25	0.95	1	1	5.423227
Lane_str_inv	BOBJ1	157.5	Before	Left Exterior Girder	157.5	0.95	1	1	3.833595
Lane_str_inv	BOBJ1	157.5	Before	Interior Girder 1	157.5	0.95	1	1	3.747869
Lane_str_inv	BOBJ1	157.5	Before	Interior Girder 2	157.5	0.95	1	1	3.747868
Lane_str_inv	BOBJ1	157.5	Before	Right Exterior Girder	157.5	0.95	1	1	3.833595

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelINonCompStrgth-Flx - Main Span Girders									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Lane_str_inv	BOBJ1	157.5	After	Left Exterior Girder	157.5	0.95	1	1	2.730197
Lane_str_inv	BOBJ1	157.5	After	Interior Girder 1	157.5	0.95	1	1	2.643189
Lane_str_inv	BOBJ1	157.5	After	Interior Girder 2	157.5	0.95	1	1	2.643189
Lane_str_inv	BOBJ1	157.5	After	Right Exterior Girder	157.5	0.95	1	1	2.730197
Lane_str_inv	BOBJ1	168.2522	Before	Left Exterior Girder	168.2522	0.95	1	1	1.322952
Lane_str_inv	BOBJ1	168.2522	Before	Interior Girder 1	168.2522	0.95	1	1	1.273611
Lane_str_inv	BOBJ1	168.2522	Before	Interior Girder 2	168.2522	0.95	1	1	1.273611
Lane_str_inv	BOBJ1	168.2522	Before	Right Exterior Girder	168.2522	0.95	1	1	1.322952
Lane_str_inv	BOBJ1	168.2522	After	Left Exterior Girder	168.2522	0.95	1	1	4.161477
Lane_str_inv	BOBJ1	168.2522	After	Interior Girder 1	168.2522	0.95	1	1	3.966866
Lane_str_inv	BOBJ1	168.2522	After	Interior Girder 2	168.2522	0.95	1	1	3.966866
Lane_str_inv	BOBJ1	168.2522	After	Right Exterior Girder	168.2522	0.95	1	1	4.161477
Lane_str_inv	BOBJ1	168.75	Before	Left Exterior Girder	168.75	0.95	1	1	4.081526
Lane_str_inv	BOBJ1	168.75	Before	Interior Girder 1	168.75	0.95	1	1	3.897293
Lane_str_inv	BOBJ1	168.75	Before	Interior Girder 2	168.75	0.95	1	1	3.897293
Lane_str_inv	BOBJ1	168.75	Before	Right Exterior Girder	168.75	0.95	1	1	4.081526
Lane_str_inv	BOBJ1	168.75	After	Left Exterior Girder	168.75	0.95	1	1	4.09227
Lane_str_inv	BOBJ1	168.75	After	Interior Girder 1	168.75	0.95	1	1	3.887233
Lane_str_inv	BOBJ1	168.75	After	Interior Girder 2	168.75	0.95	1	1	3.887233
Lane_str_inv	BOBJ1	168.75	After	Right Exterior Girder	168.75	0.95	1	1	4.092271
Lane_str_inv	BOBJ1	180	Before	Left Exterior Girder	180	0.95	1	1	2.374918
Lane_str_inv	BOBJ1	180	Before	Interior Girder 1	180	0.95	1	1	2.233896
Lane_str_inv	BOBJ1	180	Before	Interior Girder 2	180	0.95	1	1	2.233896
Lane_str_inv	BOBJ1	180	Before	Right Exterior Girder	180	0.95	1	1	2.374919
Lane_str_inv	BOBJ1	180	After	Left Exterior Girder	180	0.95	1	1	3.332138
Lane_str_inv	BOBJ1	180	After	Interior Girder 1	180	0.95	1	1	3.06785
Lane_str_inv	BOBJ1	180	After	Interior Girder 2	180	0.95	1	1	3.06785
Lane_str_inv	BOBJ1	180	After	Right Exterior Girder	180	0.95	1	1	3.332139
Lane_str_inv	BOBJ1	183.1858	Before	Left Exterior Girder	183.1858	0.95	1	1	2.823724
Lane_str_inv	BOBJ1	183.1858	Before	Interior Girder 1	183.1858	0.95	1	1	2.589399
Lane_str_inv	BOBJ1	183.1858	Before	Interior Girder 2	183.1858	0.95	1	1	2.589399
Lane_str_inv	BOBJ1	183.1858	Before	Right Exterior Girder	183.1858	0.95	1	1	2.823724
Lane_str_inv	BOBJ1	183.1858	After	Left Exterior Girder	183.1858	0.95	1	1	6.32058
Lane_str_inv	BOBJ1	183.1858	After	Interior Girder 1	183.1858	0.95	1	1	5.783749
Lane_str_inv	BOBJ1	183.1858	After	Interior Girder 2	183.1858	0.95	1	1	5.783749
Lane_str_inv	BOBJ1	183.1858	After	Right Exterior Girder	183.1858	0.95	1	1	6.32058
Lane_str_inv	BOBJ1	191.25	Before	Left Exterior Girder	191.25	0.95	1	1	4.753525
Lane_str_inv	BOBJ1	191.25	Before	Interior Girder 1	191.25	0.95	1	1	4.280353
Lane_str_inv	BOBJ1	191.25	Before	Interior Girder 2	191.25	0.95	1	1	4.280353
Lane_str_inv	BOBJ1	191.25	Before	Right Exterior Girder	191.25	0.95	1	1	4.753525
Lane_str_inv	BOBJ1	191.25	After	Left Exterior Girder	191.25	0.95	1	1	4.775666
Lane_str_inv	BOBJ1	191.25	After	Interior Girder 1	191.25	0.95	1	1	4.271416
Lane_str_inv	BOBJ1	191.25	After	Interior Girder 2	191.25	0.95	1	1	4.271416
Lane_str_inv	BOBJ1	191.25	After	Right Exterior Girder	191.25	0.95	1	1	4.775667
Lane_str_inv	BOBJ1	199.9414	Before	Left Exterior Girder	199.9414	0.95	1	1	3.227144
Lane_str_inv	BOBJ1	199.9414	Before	Interior Girder 1	199.9414	0.95	1	1	2.844614
Lane_str_inv	BOBJ1	199.9414	Before	Interior Girder 2	199.9414	0.95	1	1	2.844614
Lane_str_inv	BOBJ1	199.9414	Before	Right Exterior Girder	199.9414	0.95	1	1	3.227144
Lane_str_inv	BOBJ1	199.9414	After	Left Exterior Girder	199.9414	0.95	1	1	5.549124
Lane_str_inv	BOBJ1	199.9414	After	Interior Girder 1	199.9414	0.95	1	1	4.912864
Lane_str_inv	BOBJ1	199.9414	After	Interior Girder 2	199.9414	0.95	1	1	4.912864
Lane_str_inv	BOBJ1	199.9414	After	Right Exterior Girder	199.9414	0.95	1	1	5.549124
Lane_str_inv	BOBJ1	202.5	Before	Left Exterior Girder	202.5	0.95	1	1	5.022889
Lane_str_inv	BOBJ1	202.5	Before	Interior Girder 1	202.5	0.95	1	1	4.442062
Lane_str_inv	BOBJ1	202.5	Before	Interior Girder 2	202.5	0.95	1	1	4.442062
Lane_str_inv	BOBJ1	202.5	Before	Right Exterior Girder	202.5	0.95	1	1	5.022889
Lane_str_inv	BOBJ1	202.5	After	Left Exterior Girder	202.5	0.95	1	1	5.108836
Lane_str_inv	BOBJ1	202.5	After	Interior Girder 1	202.5	0.95	1	1	4.476061
Lane_str_inv	BOBJ1	202.5	After	Interior Girder 2	202.5	0.95	1	1	4.476061
Lane_str_inv	BOBJ1	202.5	After	Right Exterior Girder	202.5	0.95	1	1	5.108836
Lane_str_inv	BOBJ1	210.5642	Before	Left Exterior Girder	210.5642	0.95	1	1	3.63258
Lane_str_inv	BOBJ1	210.5642	Before	Interior Girder 1	210.5642	0.95	1	1	3.154965
Lane_str_inv	BOBJ1	210.5642	Before	Interior Girder 2	210.5642	0.95	1	1	3.154965
Lane_str_inv	BOBJ1	210.5642	Before	Right Exterior Girder	210.5642	0.95	1	1	3.63258
Lane_str_inv	BOBJ1	210.5642	After	Left Exterior Girder	210.5642	0.95	1	1	5.55766
Lane_str_inv	BOBJ1	210.5642	After	Interior Girder 1	210.5642	0.95	1	1	4.859037
Lane_str_inv	BOBJ1	210.5642	After	Interior Girder 2	210.5642	0.95	1	1	4.859037
Lane_str_inv	BOBJ1	210.5642	After	Right Exterior Girder	210.5642	0.95	1	1	5.55766

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelNonCompStrgth-Flx - Main Span Girders									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Lane_str_inv	BOBJ1	213.75	Before	Left Exterior Girder	213.75	0.95	1	1	4.94599
Lane_str_inv	BOBJ1	213.75	Before	Interior Girder 1	213.75	0.95	1	1	4.297823
Lane_str_inv	BOBJ1	213.75	Before	Interior Girder 2	213.75	0.95	1	1	4.297823
Lane_str_inv	BOBJ1	213.75	Before	Right Exterior Girder	213.75	0.95	1	1	4.94599
Lane_str_inv	BOBJ1	213.75	After	Left Exterior Girder	213.75	0.95	1	1	4.949465
Lane_str_inv	BOBJ1	213.75	After	Interior Girder 1	213.75	0.95	1	1	4.299816
Lane_str_inv	BOBJ1	213.75	After	Interior Girder 2	213.75	0.95	1	1	4.299816
Lane_str_inv	BOBJ1	213.75	After	Right Exterior Girder	213.75	0.95	1	1	4.949465
Lane_str_inv	BOBJ1	225	Before	Left Exterior Girder	225	0.95	1	1	3.127727
Lane_str_inv	BOBJ1	225	Before	Interior Girder 1	225	0.95	1	1	2.628564
Lane_str_inv	BOBJ1	225	Before	Interior Girder 2	225	0.95	1	1	2.628564
Lane_str_inv	BOBJ1	225	Before	Right Exterior Girder	225	0.95	1	1	3.127727
Lane_str_inv	BOBJ1	225	After	Left Exterior Girder	0	0.95	1	1	2.887274
Lane_str_inv	BOBJ1	225	After	Interior Girder 1	0	0.95	1	1	2.595837
Lane_str_inv	BOBJ1	225	After	Interior Girder 2	0	0.95	1	1	2.595837
Lane_str_inv	BOBJ1	225	After	Right Exterior Girder	0	0.95	1	1	2.887274
Lane_str_inv	BOBJ1	236.45	Before	Left Exterior Girder	11.45	0.95	1	1	4.885922
Lane_str_inv	BOBJ1	236.45	Before	Interior Girder 1	11.45	0.95	1	1	4.622342
Lane_str_inv	BOBJ1	236.45	Before	Interior Girder 2	11.45	0.95	1	1	4.622342
Lane_str_inv	BOBJ1	236.45	Before	Right Exterior Girder	11.45	0.95	1	1	4.885922
Lane_str_inv	BOBJ1	236.45	After	Left Exterior Girder	11.45	0.95	1	1	4.894758
Lane_str_inv	BOBJ1	236.45	After	Interior Girder 1	11.45	0.95	1	1	4.618852
Lane_str_inv	BOBJ1	236.45	After	Interior Girder 2	11.45	0.95	1	1	4.618852
Lane_str_inv	BOBJ1	236.45	After	Right Exterior Girder	11.45	0.95	1	1	4.894758
Lane_str_inv	BOBJ1	239.5082	Before	Left Exterior Girder	14.5082	0.95	1	1	5.560996
Lane_str_inv	BOBJ1	239.5082	Before	Interior Girder 1	14.5082	0.95	1	1	5.29064
Lane_str_inv	BOBJ1	239.5082	Before	Interior Girder 2	14.5082	0.95	1	1	5.29064
Lane_str_inv	BOBJ1	239.5082	Before	Right Exterior Girder	14.5082	0.95	1	1	5.560996
Lane_str_inv	BOBJ1	239.5082	After	Left Exterior Girder	14.5082	0.95	1	1	3.696456
Lane_str_inv	BOBJ1	239.5082	After	Interior Girder 1	14.5082	0.95	1	1	3.511978
Lane_str_inv	BOBJ1	239.5082	After	Interior Girder 2	14.5082	0.95	1	1	3.511978
Lane_str_inv	BOBJ1	239.5082	After	Right Exterior Girder	14.5082	0.95	1	1	3.696456
Lane_str_inv	BOBJ1	247.9	Before	Left Exterior Girder	22.9	0.95	1	1	5.53948
Lane_str_inv	BOBJ1	247.9	Before	Interior Girder 1	22.9	0.95	1	1	5.346082
Lane_str_inv	BOBJ1	247.9	Before	Interior Girder 2	22.9	0.95	1	1	5.346082
Lane_str_inv	BOBJ1	247.9	Before	Right Exterior Girder	22.9	0.95	1	1	5.53948
Lane_str_inv	BOBJ1	247.9	After	Left Exterior Girder	22.9	0.95	1	1	5.430212
Lane_str_inv	BOBJ1	247.9	After	Interior Girder 1	22.9	0.95	1	1	5.320949
Lane_str_inv	BOBJ1	247.9	After	Interior Girder 2	22.9	0.95	1	1	5.32095
Lane_str_inv	BOBJ1	247.9	After	Right Exterior Girder	22.9	0.95	1	1	5.430212
Lane_str_inv	BOBJ1	258.5189	Before	Left Exterior Girder	33.5189	0.95	1	1	8.613807
Lane_str_inv	BOBJ1	258.5189	Before	Interior Girder 1	33.5189	0.95	1	1	8.508456
Lane_str_inv	BOBJ1	258.5189	Before	Interior Girder 2	33.5189	0.95	1	1	8.508456
Lane_str_inv	BOBJ1	258.5189	Before	Right Exterior Girder	33.5189	0.95	1	1	8.613807
Lane_str_inv	BOBJ1	258.5189	After	Left Exterior Girder	33.5189	0.95	1	1	5.77131
Lane_str_inv	BOBJ1	258.5189	After	Interior Girder 1	33.5189	0.95	1	1	5.711129
Lane_str_inv	BOBJ1	258.5189	After	Interior Girder 2	33.5189	0.95	1	1	5.711129
Lane_str_inv	BOBJ1	258.5189	After	Right Exterior Girder	33.5189	0.95	1	1	5.77131
Lane_str_inv	BOBJ1	259.3	Before	Left Exterior Girder	34.3	0.95	1	1	6.004994
Lane_str_inv	BOBJ1	259.3	Before	Interior Girder 1	34.3	0.95	1	1	5.930497
Lane_str_inv	BOBJ1	259.3	Before	Interior Girder 2	34.3	0.95	1	1	5.930497
Lane_str_inv	BOBJ1	259.3	Before	Right Exterior Girder	34.3	0.95	1	1	6.004994
Lane_str_inv	BOBJ1	259.3	After	Left Exterior Girder	34.3	0.95	1	1	5.993791
Lane_str_inv	BOBJ1	259.3	After	Interior Girder 1	34.3	0.95	1	1	5.93485
Lane_str_inv	BOBJ1	259.3	After	Interior Girder 2	34.3	0.95	1	1	5.93485
Lane_str_inv	BOBJ1	259.3	After	Right Exterior Girder	34.3	0.95	1	1	5.993791
Lane_str_inv	BOBJ1	266.1031	Before	Left Exterior Girder	41.1031	0.95	1	1	8.288101
Lane_str_inv	BOBJ1	266.1031	Before	Interior Girder 1	41.1031	0.95	1	1	8.124201
Lane_str_inv	BOBJ1	266.1031	Before	Interior Girder 2	41.1031	0.95	1	1	8.124201
Lane_str_inv	BOBJ1	266.1031	Before	Right Exterior Girder	41.1031	0.95	1	1	8.288101
Lane_str_inv	BOBJ1	266.1031	After	Left Exterior Girder	41.1031	0.95	1	1	4.26152
Lane_str_inv	BOBJ1	266.1031	After	Interior Girder 1	41.1031	0.95	1	1	4.192253
Lane_str_inv	BOBJ1	266.1031	After	Interior Girder 2	41.1031	0.95	1	1	4.192253
Lane_str_inv	BOBJ1	266.1031	After	Right Exterior Girder	41.1031	0.95	1	1	4.26152
Lane_str_inv	BOBJ1	270.7	Before	Left Exterior Girder	45.7	0.95	1	1	5.629013
Lane_str_inv	BOBJ1	270.7	Before	Interior Girder 1	45.7	0.95	1	1	5.452443
Lane_str_inv	BOBJ1	270.7	Before	Interior Girder 2	45.7	0.95	1	1	5.452443
Lane_str_inv	BOBJ1	270.7	Before	Right Exterior Girder	45.7	0.95	1	1	5.629013

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelINonCompStrgth-Flx - Main Span Girders									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Lane_str_inv	BOBJ1	270.7	After	Left Exterior Girder	45.7	0.95	1	1	6.426796
Lane_str_inv	BOBJ1	270.7	After	Interior Girder 1	45.7	0.95	1	1	6.427853
Lane_str_inv	BOBJ1	270.7	After	Interior Girder 2	45.7	0.95	1	1	6.427853
Lane_str_inv	BOBJ1	270.7	After	Right Exterior Girder	45.7	0.95	1	1	6.426796
Lane_str_inv	BOBJ1	273.6874	Before	Left Exterior Girder	48.6874	0.95	1	1	7.486332
Lane_str_inv	BOBJ1	273.6874	Before	Interior Girder 1	48.6874	0.95	1	1	7.398973
Lane_str_inv	BOBJ1	273.6874	Before	Interior Girder 2	48.6874	0.95	1	1	7.398973
Lane_str_inv	BOBJ1	273.6874	Before	Right Exterior Girder	48.6874	0.95	1	1	7.486332
Lane_str_inv	BOBJ1	273.6874	After	Left Exterior Girder	48.6874	0.95	1	1	3.205252
Lane_str_inv	BOBJ1	273.6874	After	Interior Girder 1	48.6874	0.95	1	1	3.199619
Lane_str_inv	BOBJ1	273.6874	After	Interior Girder 2	48.6874	0.95	1	1	3.199619
Lane_str_inv	BOBJ1	273.6874	After	Right Exterior Girder	48.6874	0.95	1	1	3.205252
Lane_str_inv	BOBJ1	282.15	Before	Left Exterior Girder	57.15	0.95	1	1	5.506775
Lane_str_inv	BOBJ1	282.15	Before	Interior Girder 1	57.15	0.95	1	1	5.452011
Lane_str_inv	BOBJ1	282.15	Before	Interior Girder 2	57.15	0.95	1	1	5.452011
Lane_str_inv	BOBJ1	282.15	Before	Right Exterior Girder	57.15	0.95	1	1	5.506775
Lane_str_inv	BOBJ1	282.15	After	Left Exterior Girder	57.15	0.95	1	1	5.494319
Lane_str_inv	BOBJ1	282.15	After	Interior Girder 1	57.15	0.95	1	1	5.467072
Lane_str_inv	BOBJ1	282.15	After	Interior Girder 2	57.15	0.95	1	1	5.467072
Lane_str_inv	BOBJ1	282.15	After	Right Exterior Girder	57.15	0.95	1	1	5.494318
Lane_str_inv	BOBJ1	293.6	Before	Left Exterior Girder	68.6	0.95	1	1	6.079833
Lane_str_inv	BOBJ1	293.6	Before	Interior Girder 1	68.6	0.95	1	1	5.714686
Lane_str_inv	BOBJ1	293.6	Before	Interior Girder 2	68.6	0.95	1	1	5.714686
Lane_str_inv	BOBJ1	293.6	Before	Right Exterior Girder	68.6	0.95	1	1	6.079833
Lane_str_inv	BOBJ1	293.6	After	Left Exterior Girder	68.6	0.95	1	1	6.021695
Lane_str_inv	BOBJ1	293.6	After	Interior Girder 1	68.6	0.95	1	1	5.938326
Lane_str_inv	BOBJ1	293.6	After	Interior Girder 2	68.6	0.95	1	1	5.938326
Lane_str_inv	BOBJ1	293.6	After	Right Exterior Girder	68.6	0.95	1	1	6.021695
Lane_str_inv	BOBJ1	305	Before	Left Exterior Girder	80	0.95	1	1	3.243461
Lane_str_inv	BOBJ1	305	Before	Interior Girder 1	80	0.95	1	1	2.967425
Lane_str_inv	BOBJ1	305	Before	Interior Girder 2	80	0.95	1	1	2.967425
Lane_str_inv	BOBJ1	305	Before	Right Exterior Girder	80	0.95	1	1	3.243461
Lane_str_inv	BOBJ1	305	After	Left Exterior Girder	80	0.95	1	1	3.244942
Lane_str_inv	BOBJ1	305	After	Interior Girder 1	80	0.95	1	1	2.9665
Lane_str_inv	BOBJ1	305	After	Interior Girder 2	80	0.95	1	1	2.9665
Lane_str_inv	BOBJ1	305	After	Right Exterior Girder	80	0.95	1	1	3.244942
Lane_str_inv	BOBJ1	306.9561	Before	Left Exterior Girder	81.9561	0.95	1	1	2.869418
Lane_str_inv	BOBJ1	306.9561	Before	Interior Girder 1	81.9561	0.95	1	1	2.619371
Lane_str_inv	BOBJ1	306.9561	Before	Interior Girder 2	81.9561	0.95	1	1	2.619371
Lane_str_inv	BOBJ1	306.9561	Before	Right Exterior Girder	81.9561	0.95	1	1	2.869418
Lane_str_inv	BOBJ1	306.9561	After	Left Exterior Girder	81.9561	0.95	1	1	7.651725
Lane_str_inv	BOBJ1	306.9561	After	Interior Girder 1	81.9561	0.95	1	1	6.910254
Lane_str_inv	BOBJ1	306.9561	After	Interior Girder 2	81.9561	0.95	1	1	6.910254
Lane_str_inv	BOBJ1	306.9561	After	Right Exterior Girder	81.9561	0.95	1	1	7.651725
Lane_str_inv	BOBJ1	316.4	Before	Left Exterior Girder	91.4	0.95	1	1	5.347022
Lane_str_inv	BOBJ1	316.4	Before	Interior Girder 1	91.4	0.95	1	1	4.968355
Lane_str_inv	BOBJ1	316.4	Before	Interior Girder 2	91.4	0.95	1	1	4.968355
Lane_str_inv	BOBJ1	316.4	Before	Right Exterior Girder	91.4	0.95	1	1	5.347023
Lane_str_inv	BOBJ1	316.4	After	Left Exterior Girder	91.4	0.95	1	1	5.474303
Lane_str_inv	BOBJ1	316.4	After	Interior Girder 1	91.4	0.95	1	1	4.981512
Lane_str_inv	BOBJ1	316.4	After	Interior Girder 2	91.4	0.95	1	1	4.981512
Lane_str_inv	BOBJ1	316.4	After	Right Exterior Girder	91.4	0.95	1	1	5.474302
Lane_str_inv	BOBJ1	327.85	Before	Left Exterior Girder	102.9679	0.95	1	1	3.709203
Lane_str_inv	BOBJ1	327.85	Before	Interior Girder 1	102.9679	0.95	1	1	3.448939
Lane_str_inv	BOBJ1	327.85	Before	Interior Girder 2	102.9679	0.95	1	1	3.448939
Lane_str_inv	BOBJ1	327.85	Before	Right Exterior Girder	102.9679	0.95	1	1	3.709203
Lane_str_inv	BOBJ1	327.85	After	Left Exterior Girder	102.9679	0.95	1	1	7.144259
Lane_str_inv	BOBJ1	327.85	After	Interior Girder 1	102.9679	0.95	1	1	6.747317
Lane_str_inv	BOBJ1	327.85	After	Interior Girder 2	102.9679	0.95	1	1	6.747317
Lane_str_inv	BOBJ1	327.85	After	Right Exterior Girder	102.9679	0.95	1	1	7.144259
Lane_str_inv	BOBJ1	339.3	Before	Left Exterior Girder	114.3	0.95	1	1	5.63034
Lane_str_inv	BOBJ1	339.3	Before	Interior Girder 1	114.3	0.95	1	1	5.461123
Lane_str_inv	BOBJ1	339.3	Before	Interior Girder 2	114.3	0.95	1	1	5.461124
Lane_str_inv	BOBJ1	339.3	Before	Right Exterior Girder	114.3	0.95	1	1	5.63034
Lane_str_inv	BOBJ1	339.3	After	Left Exterior Girder	114.3	0.95	1	1	5.694213
Lane_str_inv	BOBJ1	339.3	After	Interior Girder 1	114.3	0.95	1	1	5.478872
Lane_str_inv	BOBJ1	339.3	After	Interior Girder 2	114.3	0.95	1	1	5.478873
Lane_str_inv	BOBJ1	339.3	After	Right Exterior Girder	114.3	0.95	1	1	5.694213

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelINonCompStrgth-Flx - Main Span Girders									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Lane_str_inv	BOBJ1	350.7	Before	Left Exterior Girder	125.7	0.95	1	1	4.781766
Lane_str_inv	BOBJ1	350.7	Before	Interior Girder 1	125.7	0.95	1	1	4.615723
Lane_str_inv	BOBJ1	350.7	Before	Interior Girder 2	125.7	0.95	1	1	4.615723
Lane_str_inv	BOBJ1	350.7	Before	Right Exterior Girder	125.7	0.95	1	1	4.781767
Lane_str_inv	BOBJ1	350.7	After	Left Exterior Girder	125.7	0.95	1	1	4.781531
Lane_str_inv	BOBJ1	350.7	After	Interior Girder 1	125.7	0.95	1	1	4.616285
Lane_str_inv	BOBJ1	350.7	After	Interior Girder 2	125.7	0.95	1	1	4.616285
Lane_str_inv	BOBJ1	350.7	After	Right Exterior Girder	125.7	0.95	1	1	4.781531
Lane_str_inv	BOBJ1	362.1	Before	Left Exterior Girder	137.1	0.95	1	1	4.183675
Lane_str_inv	BOBJ1	362.1	Before	Interior Girder 1	137.1	0.95	1	1	4.095526
Lane_str_inv	BOBJ1	362.1	Before	Interior Girder 2	137.1	0.95	1	1	4.095526
Lane_str_inv	BOBJ1	362.1	Before	Right Exterior Girder	137.1	0.95	1	1	4.183675
Lane_str_inv	BOBJ1	362.1	After	Left Exterior Girder	137.1	0.95	1	1	4.210554
Lane_str_inv	BOBJ1	362.1	After	Interior Girder 1	137.1	0.95	1	1	4.105213
Lane_str_inv	BOBJ1	362.1	After	Interior Girder 2	137.1	0.95	1	1	4.105213
Lane_str_inv	BOBJ1	362.1	After	Right Exterior Girder	137.1	0.95	1	1	4.210554
Lane_str_inv	BOBJ1	373.55	Before	Left Exterior Girder	148.55	0.95	1	1	3.90686
Lane_str_inv	BOBJ1	373.55	Before	Interior Girder 1	148.55	0.95	1	1	3.79468
Lane_str_inv	BOBJ1	373.55	Before	Interior Girder 2	148.55	0.95	1	1	3.79468
Lane_str_inv	BOBJ1	373.55	Before	Right Exterior Girder	148.55	0.95	1	1	3.90686
Lane_str_inv	BOBJ1	373.55	After	Left Exterior Girder	148.55	0.95	1	1	3.906821
Lane_str_inv	BOBJ1	373.55	After	Interior Girder 1	148.55	0.95	1	1	3.794816
Lane_str_inv	BOBJ1	373.55	After	Interior Girder 2	148.55	0.95	1	1	3.794815
Lane_str_inv	BOBJ1	373.55	After	Right Exterior Girder	148.55	0.95	1	1	3.90682
Lane_str_inv	BOBJ1	385	Before	Left Exterior Girder	160	0.95	1	1	3.788018
Lane_str_inv	BOBJ1	385	Before	Interior Girder 1	160	0.95	1	1	3.7105
Lane_str_inv	BOBJ1	385	Before	Interior Girder 2	160	0.95	1	1	3.710499
Lane_str_inv	BOBJ1	385	Before	Right Exterior Girder	160	0.95	1	1	3.788018
Lane_str_inv	BOBJ1	385	After	Left Exterior Girder	160	0.95	1	1	3.788018
Lane_str_inv	BOBJ1	385	After	Interior Girder 1	160	0.95	1	1	3.710496
Lane_str_inv	BOBJ1	385	After	Interior Girder 2	160	0.95	1	1	3.710496
Lane_str_inv	BOBJ1	385	After	Right Exterior Girder	160	0.95	1	1	3.788018
Lane_str_inv	BOBJ1	396.45	Before	Left Exterior Girder	171.45	0.95	1	1	3.906821
Lane_str_inv	BOBJ1	396.45	Before	Interior Girder 1	171.45	0.95	1	1	3.794806
Lane_str_inv	BOBJ1	396.45	Before	Interior Girder 2	171.45	0.95	1	1	3.794805
Lane_str_inv	BOBJ1	396.45	Before	Right Exterior Girder	171.45	0.95	1	1	3.906821
Lane_str_inv	BOBJ1	396.45	After	Left Exterior Girder	171.45	0.95	1	1	3.906861
Lane_str_inv	BOBJ1	396.45	After	Interior Girder 1	171.45	0.95	1	1	3.79467
Lane_str_inv	BOBJ1	396.45	After	Interior Girder 2	171.45	0.95	1	1	3.794669
Lane_str_inv	BOBJ1	396.45	After	Right Exterior Girder	171.45	0.95	1	1	3.906861
Lane_str_inv	BOBJ1	407.9	Before	Left Exterior Girder	182.9	0.95	1	1	4.210567
Lane_str_inv	BOBJ1	407.9	Before	Interior Girder 1	182.9	0.95	1	1	4.10521
Lane_str_inv	BOBJ1	407.9	Before	Interior Girder 2	182.9	0.95	1	1	4.10521
Lane_str_inv	BOBJ1	407.9	Before	Right Exterior Girder	182.9	0.95	1	1	4.210567
Lane_str_inv	BOBJ1	407.9	After	Left Exterior Girder	182.9	0.95	1	1	4.183688
Lane_str_inv	BOBJ1	407.9	After	Interior Girder 1	182.9	0.95	1	1	4.095518
Lane_str_inv	BOBJ1	407.9	After	Interior Girder 2	182.9	0.95	1	1	4.095518
Lane_str_inv	BOBJ1	407.9	After	Right Exterior Girder	182.9	0.95	1	1	4.183688
Lane_str_inv	BOBJ1	419.3	Before	Left Exterior Girder	194.3	0.95	1	1	4.781548
Lane_str_inv	BOBJ1	419.3	Before	Interior Girder 1	194.3	0.95	1	1	4.616279
Lane_str_inv	BOBJ1	419.3	Before	Interior Girder 2	194.3	0.95	1	1	4.616279
Lane_str_inv	BOBJ1	419.3	Before	Right Exterior Girder	194.3	0.95	1	1	4.781548
Lane_str_inv	BOBJ1	419.3	After	Left Exterior Girder	194.3	0.95	1	1	4.781783
Lane_str_inv	BOBJ1	419.3	After	Interior Girder 1	194.3	0.95	1	1	4.61569
Lane_str_inv	BOBJ1	419.3	After	Interior Girder 2	194.3	0.95	1	1	4.61569
Lane_str_inv	BOBJ1	419.3	After	Right Exterior Girder	194.3	0.95	1	1	4.781783
Lane_str_inv	BOBJ1	430.7	Before	Left Exterior Girder	205.7	0.95	1	1	5.694235
Lane_str_inv	BOBJ1	430.7	Before	Interior Girder 1	205.7	0.95	1	1	5.478853
Lane_str_inv	BOBJ1	430.7	Before	Interior Girder 2	205.7	0.95	1	1	5.478853
Lane_str_inv	BOBJ1	430.7	Before	Right Exterior Girder	205.7	0.95	1	1	5.694234
Lane_str_inv	BOBJ1	430.7	After	Left Exterior Girder	205.7	0.95	1	1	5.630366
Lane_str_inv	BOBJ1	430.7	After	Interior Girder 1	205.7	0.95	1	1	5.461106
Lane_str_inv	BOBJ1	430.7	After	Interior Girder 2	205.7	0.95	1	1	5.461106
Lane_str_inv	BOBJ1	430.7	After	Right Exterior Girder	205.7	0.95	1	1	5.630366
Lane_str_inv	BOBJ1	442.15	Before	Left Exterior Girder	217.0321	0.95	1	1	7.12854
Lane_str_inv	BOBJ1	442.15	Before	Interior Girder 1	217.0321	0.95	1	1	6.743099
Lane_str_inv	BOBJ1	442.15	Before	Interior Girder 2	217.0321	0.95	1	1	6.743099
Lane_str_inv	BOBJ1	442.15	Before	Right Exterior Girder	217.0321	0.95	1	1	7.12854

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelINonCompStrgth-Flx - Main Span Girders									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Lane_str_inv	BOBJ1	442.15	After	Left Exterior Girder	217.0321	0.95	1	1	3.70194
Lane_str_inv	BOBJ1	442.15	After	Interior Girder 1	217.0321	0.95	1	1	3.445646
Lane_str_inv	BOBJ1	442.15	After	Interior Girder 2	217.0321	0.95	1	1	3.445646
Lane_str_inv	BOBJ1	442.15	After	Right Exterior Girder	217.0321	0.95	1	1	3.70194
Lane_str_inv	BOBJ1	453.6	Before	Left Exterior Girder	228.6	0.95	1	1	5.474316
Lane_str_inv	BOBJ1	453.6	Before	Interior Girder 1	228.6	0.95	1	1	4.981594
Lane_str_inv	BOBJ1	453.6	Before	Interior Girder 2	228.6	0.95	1	1	4.981594
Lane_str_inv	BOBJ1	453.6	Before	Right Exterior Girder	228.6	0.95	1	1	5.474316
Lane_str_inv	BOBJ1	453.6	After	Left Exterior Girder	228.6	0.95	1	1	5.347051
Lane_str_inv	BOBJ1	453.6	After	Interior Girder 1	228.6	0.95	1	1	4.968317
Lane_str_inv	BOBJ1	453.6	After	Interior Girder 2	228.6	0.95	1	1	4.968317
Lane_str_inv	BOBJ1	453.6	After	Right Exterior Girder	228.6	0.95	1	1	5.347051
Lane_str_inv	BOBJ1	463.0439	Before	Left Exterior Girder	238.0439	0.95	1	1	7.664746
Lane_str_inv	BOBJ1	463.0439	Before	Interior Girder 1	238.0439	0.95	1	1	6.904657
Lane_str_inv	BOBJ1	463.0439	Before	Interior Girder 2	238.0439	0.95	1	1	6.904657
Lane_str_inv	BOBJ1	463.0439	Before	Right Exterior Girder	238.0439	0.95	1	1	7.664746
Lane_str_inv	BOBJ1	463.0439	After	Left Exterior Girder	238.0439	0.95	1	1	2.875343
Lane_str_inv	BOBJ1	463.0439	After	Interior Girder 1	238.0439	0.95	1	1	2.616274
Lane_str_inv	BOBJ1	463.0439	After	Interior Girder 2	238.0439	0.95	1	1	2.616274
Lane_str_inv	BOBJ1	463.0439	After	Right Exterior Girder	238.0439	0.95	1	1	2.875343
Lane_str_inv	BOBJ1	465	Before	Left Exterior Girder	240	0.95	1	1	3.245095
Lane_str_inv	BOBJ1	465	Before	Interior Girder 1	240	0.95	1	1	2.966505
Lane_str_inv	BOBJ1	465	Before	Interior Girder 2	240	0.95	1	1	2.966505
Lane_str_inv	BOBJ1	465	Before	Right Exterior Girder	240	0.95	1	1	3.245095
Lane_str_inv	BOBJ1	465	After	Left Exterior Girder	240	0.95	1	1	3.243619
Lane_str_inv	BOBJ1	465	After	Interior Girder 1	240	0.95	1	1	2.967426
Lane_str_inv	BOBJ1	465	After	Interior Girder 2	240	0.95	1	1	2.967426
Lane_str_inv	BOBJ1	465	After	Right Exterior Girder	240	0.95	1	1	3.243619
Lane_str_inv	BOBJ1	476.4	Before	Left Exterior Girder	251.4	0.95	1	1	6.021703
Lane_str_inv	BOBJ1	476.4	Before	Interior Girder 1	251.4	0.95	1	1	5.938267
Lane_str_inv	BOBJ1	476.4	Before	Interior Girder 2	251.4	0.95	1	1	5.938267
Lane_str_inv	BOBJ1	476.4	Before	Right Exterior Girder	251.4	0.95	1	1	6.021702
Lane_str_inv	BOBJ1	476.4	After	Left Exterior Girder	251.4	0.95	1	1	6.079907
Lane_str_inv	BOBJ1	476.4	After	Interior Girder 1	251.4	0.95	1	1	5.714759
Lane_str_inv	BOBJ1	476.4	After	Interior Girder 2	251.4	0.95	1	1	5.714759
Lane_str_inv	BOBJ1	476.4	After	Right Exterior Girder	251.4	0.95	1	1	6.079907
Lane_str_inv	BOBJ1	487.85	Before	Left Exterior Girder	262.85	0.95	1	1	5.180744
Lane_str_inv	BOBJ1	487.85	Before	Interior Girder 1	262.85	0.95	1	1	5.196749
Lane_str_inv	BOBJ1	487.85	Before	Interior Girder 2	262.85	0.95	1	1	5.196749
Lane_str_inv	BOBJ1	487.85	Before	Right Exterior Girder	262.85	0.95	1	1	5.180744
Lane_str_inv	BOBJ1	487.85	After	Left Exterior Girder	262.85	0.95	1	1	5.193175
Lane_str_inv	BOBJ1	487.85	After	Interior Girder 1	262.85	0.95	1	1	5.181862
Lane_str_inv	BOBJ1	487.85	After	Interior Girder 2	262.85	0.95	1	1	5.181862
Lane_str_inv	BOBJ1	487.85	After	Right Exterior Girder	262.85	0.95	1	1	5.193175
Lane_str_inv	BOBJ1	496.3126	Before	Left Exterior Girder	271.3126	0.95	1	1	2.934523
Lane_str_inv	BOBJ1	496.3126	Before	Interior Girder 1	271.3126	0.95	1	1	2.966726
Lane_str_inv	BOBJ1	496.3126	Before	Interior Girder 2	271.3126	0.95	1	1	2.966726
Lane_str_inv	BOBJ1	496.3126	Before	Right Exterior Girder	271.3126	0.95	1	1	2.934523
Lane_str_inv	BOBJ1	496.3126	After	Left Exterior Girder	271.3126	0.95	1	1	7.482347
Lane_str_inv	BOBJ1	496.3126	After	Interior Girder 1	271.3126	0.95	1	1	7.397092
Lane_str_inv	BOBJ1	496.3126	After	Interior Girder 2	271.3126	0.95	1	1	7.397092
Lane_str_inv	BOBJ1	496.3126	After	Right Exterior Girder	271.3126	0.95	1	1	7.482347
Lane_str_inv	BOBJ1	499.3	Before	Left Exterior Girder	274.3	0.95	1	1	6.426781
Lane_str_inv	BOBJ1	499.3	Before	Interior Girder 1	274.3	0.95	1	1	6.427868
Lane_str_inv	BOBJ1	499.3	Before	Interior Girder 2	274.3	0.95	1	1	6.427868
Lane_str_inv	BOBJ1	499.3	Before	Right Exterior Girder	274.3	0.95	1	1	6.426781
Lane_str_inv	BOBJ1	499.3	After	Left Exterior Girder	274.3	0.95	1	1	5.629001
Lane_str_inv	BOBJ1	499.3	After	Interior Girder 1	274.3	0.95	1	1	5.452459
Lane_str_inv	BOBJ1	499.3	After	Interior Girder 2	274.3	0.95	1	1	5.45246
Lane_str_inv	BOBJ1	499.3	After	Right Exterior Girder	274.3	0.95	1	1	5.629001
Lane_str_inv	BOBJ1	503.8969	Before	Left Exterior Girder	278.8969	0.95	1	1	4.261518
Lane_str_inv	BOBJ1	503.8969	Before	Interior Girder 1	278.8969	0.95	1	1	4.19226
Lane_str_inv	BOBJ1	503.8969	Before	Interior Girder 2	278.8969	0.95	1	1	4.19226
Lane_str_inv	BOBJ1	503.8969	Before	Right Exterior Girder	278.8969	0.95	1	1	4.261518
Lane_str_inv	BOBJ1	503.8969	After	Left Exterior Girder	278.8969	0.95	1	1	8.288098
Lane_str_inv	BOBJ1	503.8969	After	Interior Girder 1	278.8969	0.95	1	1	8.12422
Lane_str_inv	BOBJ1	503.8969	After	Interior Girder 2	278.8969	0.95	1	1	8.12422
Lane_str_inv	BOBJ1	503.8969	After	Right Exterior Girder	278.8969	0.95	1	1	8.288098

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelINonCompStrgth-Flx - Main Span Girders									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Lane_str_inv	BOBJ1	510.7	Before	Left Exterior Girder	285.7	0.95	1	1	5.993789
Lane_str_inv	BOBJ1	510.7	Before	Interior Girder 1	285.7	0.95	1	1	5.93486
Lane_str_inv	BOBJ1	510.7	Before	Interior Girder 2	285.7	0.95	1	1	5.93486
Lane_str_inv	BOBJ1	510.7	Before	Right Exterior Girder	285.7	0.95	1	1	5.993789
Lane_str_inv	BOBJ1	510.7	After	Left Exterior Girder	285.7	0.95	1	1	6.004985
Lane_str_inv	BOBJ1	510.7	After	Interior Girder 1	285.7	0.95	1	1	5.930507
Lane_str_inv	BOBJ1	510.7	After	Interior Girder 2	285.7	0.95	1	1	5.930507
Lane_str_inv	BOBJ1	510.7	After	Right Exterior Girder	285.7	0.95	1	1	6.004985
Lane_str_inv	BOBJ1	511.4811	Before	Left Exterior Girder	286.4811	0.95	1	1	5.767248
Lane_str_inv	BOBJ1	511.4811	Before	Interior Girder 1	286.4811	0.95	1	1	5.710508
Lane_str_inv	BOBJ1	511.4811	Before	Interior Girder 2	286.4811	0.95	1	1	5.710508
Lane_str_inv	BOBJ1	511.4811	Before	Right Exterior Girder	286.4811	0.95	1	1	5.767248
Lane_str_inv	BOBJ1	511.4811	After	Left Exterior Girder	286.4811	0.95	1	1	8.608185
Lane_str_inv	BOBJ1	511.4811	After	Interior Girder 1	286.4811	0.95	1	1	8.507014
Lane_str_inv	BOBJ1	511.4811	After	Interior Girder 2	286.4811	0.95	1	1	8.507014
Lane_str_inv	BOBJ1	511.4811	After	Right Exterior Girder	286.4811	0.95	1	1	8.608185
Lane_str_inv	BOBJ1	522.1	Before	Left Exterior Girder	297.1	0.95	1	1	5.430636
Lane_str_inv	BOBJ1	522.1	Before	Interior Girder 1	297.1	0.95	1	1	5.321522
Lane_str_inv	BOBJ1	522.1	Before	Interior Girder 2	297.1	0.95	1	1	5.321522
Lane_str_inv	BOBJ1	522.1	Before	Right Exterior Girder	297.1	0.95	1	1	5.430636
Lane_str_inv	BOBJ1	522.1	After	Left Exterior Girder	297.1	0.95	1	1	5.53981
Lane_str_inv	BOBJ1	522.1	After	Interior Girder 1	297.1	0.95	1	1	5.346441
Lane_str_inv	BOBJ1	522.1	After	Interior Girder 2	297.1	0.95	1	1	5.346441
Lane_str_inv	BOBJ1	522.1	After	Right Exterior Girder	297.1	0.95	1	1	5.53981
Lane_str_inv	BOBJ1	530.4918	Before	Left Exterior Girder	305.4918	0.95	1	1	3.696444
Lane_str_inv	BOBJ1	530.4918	Before	Interior Girder 1	305.4918	0.95	1	1	3.511892
Lane_str_inv	BOBJ1	530.4918	Before	Interior Girder 2	305.4918	0.95	1	1	3.511892
Lane_str_inv	BOBJ1	530.4918	Before	Right Exterior Girder	305.4918	0.95	1	1	3.696444
Lane_str_inv	BOBJ1	530.4918	After	Left Exterior Girder	305.4918	0.95	1	1	5.560942
Lane_str_inv	BOBJ1	530.4918	After	Interior Girder 1	305.4918	0.95	1	1	5.290441
Lane_str_inv	BOBJ1	530.4918	After	Interior Girder 2	305.4918	0.95	1	1	5.290441
Lane_str_inv	BOBJ1	530.4918	After	Right Exterior Girder	305.4918	0.95	1	1	5.560942
Lane_str_inv	BOBJ1	533.55	Before	Left Exterior Girder	308.55	0.95	1	1	4.89476
Lane_str_inv	BOBJ1	533.55	Before	Interior Girder 1	308.55	0.95	1	1	4.618853
Lane_str_inv	BOBJ1	533.55	Before	Interior Girder 2	308.55	0.95	1	1	4.618853
Lane_str_inv	BOBJ1	533.55	Before	Right Exterior Girder	308.55	0.95	1	1	4.89476
Lane_str_inv	BOBJ1	533.55	After	Left Exterior Girder	308.55	0.95	1	1	4.885933
Lane_str_inv	BOBJ1	533.55	After	Interior Girder 1	308.55	0.95	1	1	4.622336
Lane_str_inv	BOBJ1	533.55	After	Interior Girder 2	308.55	0.95	1	1	4.622336
Lane_str_inv	BOBJ1	533.55	After	Right Exterior Girder	308.55	0.95	1	1	4.885933
Lane_str_inv	BOBJ1	545	Before	Left Exterior Girder	320	0.95	1	1	2.887293
Lane_str_inv	BOBJ1	545	Before	Interior Girder 1	320	0.95	1	1	2.595803
Lane_str_inv	BOBJ1	545	Before	Interior Girder 2	320	0.95	1	1	2.595803
Lane_str_inv	BOBJ1	545	Before	Right Exterior Girder	320	0.95	1	1	2.887293
Lane_str_inv	BOBJ1	545	After	Left Exterior Girder	0	0.95	1	1	3.127717
Lane_str_inv	BOBJ1	545	After	Interior Girder 1	0	0.95	1	1	2.628577
Lane_str_inv	BOBJ1	545	After	Interior Girder 2	0	0.95	1	1	2.628577
Lane_str_inv	BOBJ1	545	After	Right Exterior Girder	0	0.95	1	1	3.127717
Lane_str_inv	BOBJ1	556.25	Before	Left Exterior Girder	11.25	0.95	1	1	4.949454
Lane_str_inv	BOBJ1	556.25	Before	Interior Girder 1	11.25	0.95	1	1	4.299835
Lane_str_inv	BOBJ1	556.25	Before	Interior Girder 2	11.25	0.95	1	1	4.299835
Lane_str_inv	BOBJ1	556.25	Before	Right Exterior Girder	11.25	0.95	1	1	4.949454
Lane_str_inv	BOBJ1	556.25	After	Left Exterior Girder	11.25	0.95	1	1	4.945992
Lane_str_inv	BOBJ1	556.25	After	Interior Girder 1	11.25	0.95	1	1	4.297839
Lane_str_inv	BOBJ1	556.25	After	Interior Girder 2	11.25	0.95	1	1	4.297839
Lane_str_inv	BOBJ1	556.25	After	Right Exterior Girder	11.25	0.95	1	1	4.945992
Lane_str_inv	BOBJ1	559.4358	Before	Left Exterior Girder	14.4358	0.95	1	1	5.557669
Lane_str_inv	BOBJ1	559.4358	Before	Interior Girder 1	14.4358	0.95	1	1	4.859053
Lane_str_inv	BOBJ1	559.4358	Before	Interior Girder 2	14.4358	0.95	1	1	4.859053
Lane_str_inv	BOBJ1	559.4358	Before	Right Exterior Girder	14.4358	0.95	1	1	5.557668
Lane_str_inv	BOBJ1	559.4358	After	Left Exterior Girder	14.4358	0.95	1	1	3.632587
Lane_str_inv	BOBJ1	559.4358	After	Interior Girder 1	14.4358	0.95	1	1	3.154973
Lane_str_inv	BOBJ1	559.4358	After	Interior Girder 2	14.4358	0.95	1	1	3.154973
Lane_str_inv	BOBJ1	559.4358	After	Right Exterior Girder	14.4358	0.95	1	1	3.632587
Lane_str_inv	BOBJ1	567.5	Before	Left Exterior Girder	22.5	0.95	1	1	5.108849
Lane_str_inv	BOBJ1	567.5	Before	Interior Girder 1	22.5	0.95	1	1	4.476089
Lane_str_inv	BOBJ1	567.5	Before	Interior Girder 2	22.5	0.95	1	1	4.476089
Lane_str_inv	BOBJ1	567.5	Before	Right Exterior Girder	22.5	0.95	1	1	5.108849

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelINonCompStrgth-Flx - Main Span Girders									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Lane_str_inv	BOBJ1	567.5	After	Left Exterior Girder	22.5	0.95	1	1	5.561242
Lane_str_inv	BOBJ1	567.5	After	Interior Girder 1	22.5	0.95	1	1	4.871711
Lane_str_inv	BOBJ1	567.5	After	Interior Girder 2	22.5	0.95	1	1	4.871711
Lane_str_inv	BOBJ1	567.5	After	Right Exterior Girder	22.5	0.95	1	1	5.561242
Lane_str_inv	BOBJ1	570.0586	Before	Left Exterior Girder	25.0586	0.95	1	1	6.115263
Lane_str_inv	BOBJ1	570.0586	Before	Interior Girder 1	25.0586	0.95	1	1	5.361501
Lane_str_inv	BOBJ1	570.0586	Before	Interior Girder 2	25.0586	0.95	1	1	5.361501
Lane_str_inv	BOBJ1	570.0586	Before	Right Exterior Girder	25.0586	0.95	1	1	6.115263
Lane_str_inv	BOBJ1	570.0586	After	Left Exterior Girder	25.0586	0.95	1	1	3.665646
Lane_str_inv	BOBJ1	570.0586	After	Interior Girder 1	25.0586	0.95	1	1	3.190931
Lane_str_inv	BOBJ1	570.0586	After	Interior Girder 2	25.0586	0.95	1	1	3.190931
Lane_str_inv	BOBJ1	570.0586	After	Right Exterior Girder	25.0586	0.95	1	1	3.665646
Lane_str_inv	BOBJ1	578.75	Before	Left Exterior Girder	33.75	0.95	1	1	5.277791
Lane_str_inv	BOBJ1	578.75	Before	Interior Girder 1	33.75	0.95	1	1	4.675122
Lane_str_inv	BOBJ1	578.75	Before	Interior Girder 2	33.75	0.95	1	1	4.675122
Lane_str_inv	BOBJ1	578.75	Before	Right Exterior Girder	33.75	0.95	1	1	5.277791
Lane_str_inv	BOBJ1	578.75	After	Left Exterior Girder	33.75	0.95	1	1	5.255097
Lane_str_inv	BOBJ1	578.75	After	Interior Girder 1	33.75	0.95	1	1	4.683448
Lane_str_inv	BOBJ1	578.75	After	Interior Girder 2	33.75	0.95	1	1	4.683448
Lane_str_inv	BOBJ1	578.75	After	Right Exterior Girder	33.75	0.95	1	1	5.255097
Lane_str_inv	BOBJ1	586.8142	Before	Left Exterior Girder	41.8142	0.95	1	1	6.884548
Lane_str_inv	BOBJ1	586.8142	Before	Interior Girder 1	41.8142	0.95	1	1	6.238081
Lane_str_inv	BOBJ1	586.8142	Before	Interior Girder 2	41.8142	0.95	1	1	6.238081
Lane_str_inv	BOBJ1	586.8142	Before	Right Exterior Girder	41.8142	0.95	1	1	6.884548
Lane_str_inv	BOBJ1	586.8142	After	Left Exterior Girder	41.8142	0.95	1	1	3.193603
Lane_str_inv	BOBJ1	586.8142	After	Interior Girder 1	41.8142	0.95	1	1	2.887304
Lane_str_inv	BOBJ1	586.8142	After	Interior Girder 2	41.8142	0.95	1	1	2.887304
Lane_str_inv	BOBJ1	586.8142	After	Right Exterior Girder	41.8142	0.95	1	1	3.193603
Lane_str_inv	BOBJ1	590	Before	Left Exterior Girder	45	0.95	1	1	3.714086
Lane_str_inv	BOBJ1	590	Before	Interior Girder 1	45	0.95	1	1	3.381215
Lane_str_inv	BOBJ1	590	Before	Interior Girder 2	45	0.95	1	1	3.381215
Lane_str_inv	BOBJ1	590	Before	Right Exterior Girder	45	0.95	1	1	3.714086
Lane_str_inv	BOBJ1	590	After	Left Exterior Girder	45	0.95	1	1	2.374923
Lane_str_inv	BOBJ1	590	After	Interior Girder 1	45	0.95	1	1	2.233892
Lane_str_inv	BOBJ1	590	After	Interior Girder 2	45	0.95	1	1	2.233892
Lane_str_inv	BOBJ1	590	After	Right Exterior Girder	45	0.95	1	1	2.374923
Lane_str_inv	BOBJ1	601.25	Before	Left Exterior Girder	56.25	0.95	1	1	4.092271
Lane_str_inv	BOBJ1	601.25	Before	Interior Girder 1	56.25	0.95	1	1	3.887225
Lane_str_inv	BOBJ1	601.25	Before	Interior Girder 2	56.25	0.95	1	1	3.887225
Lane_str_inv	BOBJ1	601.25	Before	Right Exterior Girder	56.25	0.95	1	1	4.092271
Lane_str_inv	BOBJ1	601.25	After	Left Exterior Girder	56.25	0.95	1	1	4.081526
Lane_str_inv	BOBJ1	601.25	After	Interior Girder 1	56.25	0.95	1	1	3.897284
Lane_str_inv	BOBJ1	601.25	After	Interior Girder 2	56.25	0.95	1	1	3.897284
Lane_str_inv	BOBJ1	601.25	After	Right Exterior Girder	56.25	0.95	1	1	4.081526
Lane_str_inv	BOBJ1	601.7478	Before	Left Exterior Girder	56.7478	0.95	1	1	4.158345
Lane_str_inv	BOBJ1	601.7478	Before	Interior Girder 1	56.7478	0.95	1	1	3.970147
Lane_str_inv	BOBJ1	601.7478	Before	Interior Girder 2	56.7478	0.95	1	1	3.970147
Lane_str_inv	BOBJ1	601.7478	Before	Right Exterior Girder	56.7478	0.95	1	1	4.158345
Lane_str_inv	BOBJ1	601.7478	After	Left Exterior Girder	56.7478	0.95	1	1	1.32139
Lane_str_inv	BOBJ1	601.7478	After	Interior Girder 1	56.7478	0.95	1	1	1.275505
Lane_str_inv	BOBJ1	601.7478	After	Interior Girder 2	56.7478	0.95	1	1	1.275505
Lane_str_inv	BOBJ1	601.7478	After	Right Exterior Girder	56.7478	0.95	1	1	1.32139
Lane_str_inv	BOBJ1	612.5	Before	Left Exterior Girder	67.5	0.95	1	1	2.730199
Lane_str_inv	BOBJ1	612.5	Before	Interior Girder 1	67.5	0.95	1	1	2.643184
Lane_str_inv	BOBJ1	612.5	Before	Interior Girder 2	67.5	0.95	1	1	2.643184
Lane_str_inv	BOBJ1	612.5	Before	Right Exterior Girder	67.5	0.95	1	1	2.730199
Lane_str_inv	BOBJ1	612.5	After	Left Exterior Girder	67.5	0.95	1	1	3.833592
Lane_str_inv	BOBJ1	612.5	After	Interior Girder 1	67.5	0.95	1	1	3.74786
Lane_str_inv	BOBJ1	612.5	After	Interior Girder 2	67.5	0.95	1	1	3.74786
Lane_str_inv	BOBJ1	612.5	After	Right Exterior Girder	67.5	0.95	1	1	3.833592
Lane_str_inv	BOBJ1	623.75	Before	Left Exterior Girder	78.75	0.95	1	1	5.423223
Lane_str_inv	BOBJ1	623.75	Before	Interior Girder 1	78.75	0.95	1	1	5.129977
Lane_str_inv	BOBJ1	623.75	Before	Interior Girder 2	78.75	0.95	1	1	5.129976
Lane_str_inv	BOBJ1	623.75	Before	Right Exterior Girder	78.75	0.95	1	1	5.423223
Lane_str_inv	BOBJ1	623.75	After	Left Exterior Girder	78.75	0.95	1	1	5.412669
Lane_str_inv	BOBJ1	623.75	After	Interior Girder 1	78.75	0.95	1	1	5.126176
Lane_str_inv	BOBJ1	623.75	After	Interior Girder 2	78.75	0.95	1	1	5.126176
Lane_str_inv	BOBJ1	623.75	After	Right Exterior Girder	78.75	0.95	1	1	5.412669

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelNonCompStrgth-Flx - Main Span Girders									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Lane_str_inv	BOBJ1	635	Before	Left Exterior Girder	90	0.95	1	1	4.01493
Lane_str_inv	BOBJ1	635	Before	Interior Girder 1	90	0.95	1	1	3.716936
Lane_str_inv	BOBJ1	635	Before	Interior Girder 2	90	0.95	1	1	3.716936
Lane_str_inv	BOBJ1	635	Before	Right Exterior Girder	90	0.95	1	1	4.01493
Lane_str_inv	BOBJ1	635	After	Left Exterior Girder	90	0.95	1	1	4.083783
Lane_str_inv	BOBJ1	635	After	Interior Girder 1	90	0.95	1	1	3.740279
Lane_str_inv	BOBJ1	635	After	Interior Girder 2	90	0.95	1	1	3.740279
Lane_str_inv	BOBJ1	635	After	Right Exterior Girder	90	0.95	1	1	4.083783
Lane_str_inv	BOBJ1	643.5619	Before	Left Exterior Girder	98.5619	0.95	1	1	3.20151
Lane_str_inv	BOBJ1	643.5619	Before	Interior Girder 1	98.5619	0.95	1	1	2.967299
Lane_str_inv	BOBJ1	643.5619	Before	Interior Girder 2	98.5619	0.95	1	1	2.967299
Lane_str_inv	BOBJ1	643.5619	Before	Right Exterior Girder	98.5619	0.95	1	1	3.20151
Lane_str_inv	BOBJ1	643.5619	After	Left Exterior Girder	98.5619	0.95	1	1	6.06595
Lane_str_inv	BOBJ1	643.5619	After	Interior Girder 1	98.5619	0.95	1	1	5.594967
Lane_str_inv	BOBJ1	643.5619	After	Interior Girder 2	98.5619	0.95	1	1	5.594967
Lane_str_inv	BOBJ1	643.5619	After	Right Exterior Girder	98.5619	0.95	1	1	6.065951
Lane_str_inv	BOBJ1	646.25	Before	Left Exterior Girder	101.25	0.95	1	1	5.780614
Lane_str_inv	BOBJ1	646.25	Before	Interior Girder 1	101.25	0.95	1	1	5.360152
Lane_str_inv	BOBJ1	646.25	Before	Interior Girder 2	101.25	0.95	1	1	5.360152
Lane_str_inv	BOBJ1	646.25	Before	Right Exterior Girder	101.25	0.95	1	1	5.780614
Lane_str_inv	BOBJ1	646.25	After	Left Exterior Girder	101.25	0.95	1	1	5.780602
Lane_str_inv	BOBJ1	646.25	After	Interior Girder 1	101.25	0.95	1	1	5.361431
Lane_str_inv	BOBJ1	646.25	After	Interior Girder 2	101.25	0.95	1	1	5.36143
Lane_str_inv	BOBJ1	646.25	After	Right Exterior Girder	101.25	0.95	1	1	5.780602
Lane_str_inv	BOBJ1	657.5	Before	Left Exterior Girder	112.5	0.95	1	1	4.856037
Lane_str_inv	BOBJ1	657.5	Before	Interior Girder 1	112.5	0.95	1	1	4.612369
Lane_str_inv	BOBJ1	657.5	Before	Interior Girder 2	112.5	0.95	1	1	4.612368
Lane_str_inv	BOBJ1	657.5	Before	Right Exterior Girder	112.5	0.95	1	1	4.856038
Lane_str_inv	BOBJ1	657.5	After	Left Exterior Girder	112.5	0.95	1	1	4.876444
Lane_str_inv	BOBJ1	657.5	After	Interior Girder 1	112.5	0.95	1	1	4.615436
Lane_str_inv	BOBJ1	657.5	After	Interior Girder 2	112.5	0.95	1	1	4.615436
Lane_str_inv	BOBJ1	657.5	After	Right Exterior Girder	112.5	0.95	1	1	4.876443
Lane_str_inv	BOBJ1	668.75	Before	Left Exterior Girder	123.75	0.95	1	1	4.351176
Lane_str_inv	BOBJ1	668.75	Before	Interior Girder 1	123.75	0.95	1	1	4.128801
Lane_str_inv	BOBJ1	668.75	Before	Interior Girder 2	123.75	0.95	1	1	4.128801
Lane_str_inv	BOBJ1	668.75	Before	Right Exterior Girder	123.75	0.95	1	1	4.351176
Lane_str_inv	BOBJ1	668.75	After	Left Exterior Girder	123.75	0.95	1	1	4.353439
Lane_str_inv	BOBJ1	668.75	After	Interior Girder 1	123.75	0.95	1	1	4.12686
Lane_str_inv	BOBJ1	668.75	After	Interior Girder 2	123.75	0.95	1	1	4.12686
Lane_str_inv	BOBJ1	668.75	After	Right Exterior Girder	123.75	0.95	1	1	4.353439
Lane_str_inv	BOBJ1	680	Before	Left Exterior Girder	135	0.95	1	1	4.0679
Lane_str_inv	BOBJ1	680	Before	Interior Girder 1	135	0.95	1	1	3.905791
Lane_str_inv	BOBJ1	680	Before	Interior Girder 2	135	0.95	1	1	3.905791
Lane_str_inv	BOBJ1	680	Before	Right Exterior Girder	135	0.95	1	1	4.067899
Lane_str_inv	BOBJ1	680	After	Left Exterior Girder	135	0.95	1	1	4.058366
Lane_str_inv	BOBJ1	680	After	Interior Girder 1	135	0.95	1	1	3.903241
Lane_str_inv	BOBJ1	680	After	Interior Girder 2	135	0.95	1	1	3.903242
Lane_str_inv	BOBJ1	680	After	Right Exterior Girder	135	0.95	1	1	4.058366
Lane_str_inv	BOBJ1	691.25	Before	Left Exterior Girder	146.25	0.95	1	1	4.071727
Lane_str_inv	BOBJ1	691.25	Before	Interior Girder 1	146.25	0.95	1	1	3.886212
Lane_str_inv	BOBJ1	691.25	Before	Interior Girder 2	146.25	0.95	1	1	3.886212
Lane_str_inv	BOBJ1	691.25	Before	Right Exterior Girder	146.25	0.95	1	1	4.071727
Lane_str_inv	BOBJ1	691.25	After	Left Exterior Girder	146.25	0.95	1	1	4.068389
Lane_str_inv	BOBJ1	691.25	After	Interior Girder 1	146.25	0.95	1	1	3.887333
Lane_str_inv	BOBJ1	691.25	After	Interior Girder 2	146.25	0.95	1	1	3.887334
Lane_str_inv	BOBJ1	691.25	After	Right Exterior Girder	146.25	0.95	1	1	4.068389
Lane_str_inv	BOBJ1	702.5	Before	Left Exterior Girder	157.5	0.95	1	1	4.327899
Lane_str_inv	BOBJ1	702.5	Before	Interior Girder 1	157.5	0.95	1	1	4.148471
Lane_str_inv	BOBJ1	702.5	Before	Interior Girder 2	157.5	0.95	1	1	4.148471
Lane_str_inv	BOBJ1	702.5	Before	Right Exterior Girder	157.5	0.95	1	1	4.327899
Lane_str_inv	BOBJ1	702.5	After	Left Exterior Girder	157.5	0.95	1	1	4.272587
Lane_str_inv	BOBJ1	702.5	After	Interior Girder 1	157.5	0.95	1	1	4.124391
Lane_str_inv	BOBJ1	702.5	After	Interior Girder 2	157.5	0.95	1	1	4.124391
Lane_str_inv	BOBJ1	702.5	After	Right Exterior Girder	157.5	0.95	1	1	4.272587
Lane_str_inv	BOBJ1	713.75	Before	Left Exterior Girder	168.75	0.95	1	1	4.941346
Lane_str_inv	BOBJ1	713.75	Before	Interior Girder 1	168.75	0.95	1	1	4.688847
Lane_str_inv	BOBJ1	713.75	Before	Interior Girder 2	168.75	0.95	1	1	4.688847
Lane_str_inv	BOBJ1	713.75	Before	Right Exterior Girder	168.75	0.95	1	1	4.941345

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelINonCompStrgth-Flx - Main Span Girders									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Lane_str_inv	BOBJ1	713.75	After	Left Exterior Girder	168.75	0.95	1	1	4.930956
Lane_str_inv	BOBJ1	713.75	After	Interior Girder 1	168.75	0.95	1	1	4.693189
Lane_str_inv	BOBJ1	713.75	After	Interior Girder 2	168.75	0.95	1	1	4.693189
Lane_str_inv	BOBJ1	713.75	After	Right Exterior Girder	168.75	0.95	1	1	4.930955
Lane_str_inv	BOBJ1	725	Before	Left Exterior Girder	180	0.95	1	1	6.139432
Lane_str_inv	BOBJ1	725	Before	Interior Girder 1	180	0.95	1	1	5.810614
Lane_str_inv	BOBJ1	725	Before	Interior Girder 2	180	0.95	1	1	5.810614
Lane_str_inv	BOBJ1	725	Before	Right Exterior Girder	180	0.95	1	1	6.139431
Lane_str_inv	BOBJ1	725	After	Left Exterior Girder	180	0.95	1	1	6.027827
Lane_str_inv	BOBJ1	725	After	Interior Girder 1	180	0.95	1	1	5.764228
Lane_str_inv	BOBJ1	725	After	Interior Girder 2	180	0.95	1	1	5.764228
Lane_str_inv	BOBJ1	725	After	Right Exterior Girder	180	0.95	1	1	6.027827
Lane_str_inv	BOBJ1	731.1726	Before	Left Exterior Girder	186.1726	0.95	1	1	7.127472
Lane_str_inv	BOBJ1	731.1726	Before	Interior Girder 1	186.1726	0.95	1	1	6.705154
Lane_str_inv	BOBJ1	731.1726	Before	Interior Girder 2	186.1726	0.95	1	1	6.705154
Lane_str_inv	BOBJ1	731.1726	Before	Right Exterior Girder	186.1726	0.95	1	1	7.127472
Lane_str_inv	BOBJ1	731.1726	After	Left Exterior Girder	186.1726	0.95	1	1	3.056259
Lane_str_inv	BOBJ1	731.1726	After	Interior Girder 1	186.1726	0.95	1	1	2.891387
Lane_str_inv	BOBJ1	731.1726	After	Interior Girder 2	186.1726	0.95	1	1	2.891386
Lane_str_inv	BOBJ1	731.1726	After	Right Exterior Girder	186.1726	0.95	1	1	3.056259
Lane_str_inv	BOBJ1	736.25	Before	Left Exterior Girder	191.25	0.95	1	1	3.803211
Lane_str_inv	BOBJ1	736.25	Before	Interior Girder 1	191.25	0.95	1	1	3.542721
Lane_str_inv	BOBJ1	736.25	Before	Interior Girder 2	191.25	0.95	1	1	3.542721
Lane_str_inv	BOBJ1	736.25	Before	Right Exterior Girder	191.25	0.95	1	1	3.803211
Lane_str_inv	BOBJ1	736.25	After	Left Exterior Girder	191.25	0.95	1	1	3.788947
Lane_str_inv	BOBJ1	736.25	After	Interior Girder 1	191.25	0.95	1	1	3.551127
Lane_str_inv	BOBJ1	736.25	After	Interior Girder 2	191.25	0.95	1	1	3.551127
Lane_str_inv	BOBJ1	736.25	After	Right Exterior Girder	191.25	0.95	1	1	3.788947
Lane_str_inv	BOBJ1	747.5	Before	Left Exterior Girder	202.5	0.95	1	1	6.789296
Lane_str_inv	BOBJ1	747.5	Before	Interior Girder 1	202.5	0.95	1	1	6.227423
Lane_str_inv	BOBJ1	747.5	Before	Interior Girder 2	202.5	0.95	1	1	6.227423
Lane_str_inv	BOBJ1	747.5	Before	Right Exterior Girder	202.5	0.95	1	1	6.789296
Lane_str_inv	BOBJ1	747.5	After	Left Exterior Girder	202.5	0.95	1	1	6.467012
Lane_str_inv	BOBJ1	747.5	After	Interior Girder 1	202.5	0.95	1	1	6.042789
Lane_str_inv	BOBJ1	747.5	After	Interior Girder 2	202.5	0.95	1	1	6.042789
Lane_str_inv	BOBJ1	747.5	After	Right Exterior Girder	202.5	0.95	1	1	6.467011
Lane_str_inv	BOBJ1	758.75	Before	Left Exterior Girder	213.75	0.95	1	1	15.833966
Lane_str_inv	BOBJ1	758.75	Before	Interior Girder 1	213.75	0.95	1	1	14.125242
Lane_str_inv	BOBJ1	758.75	Before	Interior Girder 2	213.75	0.95	1	1	14.125243
Lane_str_inv	BOBJ1	758.75	Before	Right Exterior Girder	213.75	0.95	1	1	15.83396
Lane_str_inv	BOBJ1	758.75	After	Left Exterior Girder	213.75	0.95	1	1	15.778391
Lane_str_inv	BOBJ1	758.75	After	Interior Girder 1	213.75	0.95	1	1	14.106465
Lane_str_inv	BOBJ1	758.75	After	Interior Girder 2	213.75	0.95	1	1	14.106464
Lane_str_inv	BOBJ1	758.75	After	Right Exterior Girder	213.75	0.95	1	1	15.778386
Lane_str_inv	BOBJ1	770	Before	Left Exterior Girder	225	0.95	1	1	282.121961
Lane_str_inv	BOBJ1	770	Before	Interior Girder 1	225	0.95	1	1	225.420276
Lane_str_inv	BOBJ1	770	Before	Interior Girder 2	225	0.95	1	1	225.419413
Lane_str_inv	BOBJ1	770	Before	Right Exterior Girder	225	0.95	1	1	282.123672
SU4_str	BOBJ1	0	After	Left Exterior Girder	0	0.95	1	1	334.036538
SU4_str	BOBJ1	0	After	Interior Girder 1	0	0.95	1	1	275.770374
SU4_str	BOBJ1	0	After	Interior Girder 2	0	0.95	1	1	275.770069
SU4_str	BOBJ1	0	After	Right Exterior Girder	0	0.95	1	1	334.036527
SU4_str	BOBJ1	11.25	Before	Left Exterior Girder	11.25	0.95	1	1	15.865716
SU4_str	BOBJ1	11.25	Before	Interior Girder 1	11.25	0.95	1	1	10.267321
SU4_str	BOBJ1	11.25	Before	Interior Girder 2	11.25	0.95	1	1	10.267323
SU4_str	BOBJ1	11.25	Before	Right Exterior Girder	11.25	0.95	1	1	15.865715
SU4_str	BOBJ1	11.25	After	Left Exterior Girder	11.25	0.95	1	1	15.904258
SU4_str	BOBJ1	11.25	After	Interior Girder 1	11.25	0.95	1	1	10.389656
SU4_str	BOBJ1	11.25	After	Interior Girder 2	11.25	0.95	1	1	10.389657
SU4_str	BOBJ1	11.25	After	Right Exterior Girder	11.25	0.95	1	1	15.904257
SU4_str	BOBJ1	22.5	Before	Left Exterior Girder	22.5	0.95	1	1	6.769252
SU4_str	BOBJ1	22.5	Before	Interior Girder 1	22.5	0.95	1	1	5.012128
SU4_str	BOBJ1	22.5	Before	Interior Girder 2	22.5	0.95	1	1	5.012129
SU4_str	BOBJ1	22.5	Before	Right Exterior Girder	22.5	0.95	1	1	6.769252
SU4_str	BOBJ1	22.5	After	Left Exterior Girder	22.5	0.95	1	1	7.054989
SU4_str	BOBJ1	22.5	After	Interior Girder 1	22.5	0.95	1	1	5.075489
SU4_str	BOBJ1	22.5	After	Interior Girder 2	22.5	0.95	1	1	5.07549
SU4_str	BOBJ1	22.5	After	Right Exterior Girder	22.5	0.95	1	1	7.054989

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelINonCompStrgth-Flx - Main Span Girders									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
SU4_str	BOBJ1	33.75	Before	Left Exterior Girder	33.75	0.95	1	1	4.064103
SU4_str	BOBJ1	33.75	Before	Interior Girder 1	33.75	0.95	1	1	3.133486
SU4_str	BOBJ1	33.75	Before	Interior Girder 2	33.75	0.95	1	1	3.133487
SU4_str	BOBJ1	33.75	Before	Right Exterior Girder	33.75	0.95	1	1	4.064103
SU4_str	BOBJ1	33.75	After	Left Exterior Girder	33.75	0.95	1	1	4.075929
SU4_str	BOBJ1	33.75	After	Interior Girder 1	33.75	0.95	1	1	3.132636
SU4_str	BOBJ1	33.75	After	Interior Girder 2	33.75	0.95	1	1	3.132637
SU4_str	BOBJ1	33.75	After	Right Exterior Girder	33.75	0.95	1	1	4.075929
SU4_str	BOBJ1	38.8274	Before	Left Exterior Girder	38.8274	0.95	1	1	3.308204
SU4_str	BOBJ1	38.8274	Before	Interior Girder 1	38.8274	0.95	1	1	2.644473
SU4_str	BOBJ1	38.8274	Before	Interior Girder 2	38.8274	0.95	1	1	2.644473
SU4_str	BOBJ1	38.8274	Before	Right Exterior Girder	38.8274	0.95	1	1	3.308204
SU4_str	BOBJ1	38.8274	After	Left Exterior Girder	38.8274	0.95	1	1	7.704113
SU4_str	BOBJ1	38.8274	After	Interior Girder 1	38.8274	0.95	1	1	6.181599
SU4_str	BOBJ1	38.8274	After	Interior Girder 2	38.8274	0.95	1	1	6.181599
SU4_str	BOBJ1	38.8274	After	Right Exterior Girder	38.8274	0.95	1	1	7.704113
SU4_str	BOBJ1	45	Before	Left Exterior Girder	45	0.95	1	1	6.594249
SU4_str	BOBJ1	45	Before	Interior Girder 1	45	0.95	1	1	5.524001
SU4_str	BOBJ1	45	Before	Interior Girder 2	45	0.95	1	1	5.524001
SU4_str	BOBJ1	45	Before	Right Exterior Girder	45	0.95	1	1	6.594249
SU4_str	BOBJ1	45	After	Left Exterior Girder	45	0.95	1	1	6.670375
SU4_str	BOBJ1	45	After	Interior Girder 1	45	0.95	1	1	5.470666
SU4_str	BOBJ1	45	After	Interior Girder 2	45	0.95	1	1	5.470666
SU4_str	BOBJ1	45	After	Right Exterior Girder	45	0.95	1	1	6.670375
SU4_str	BOBJ1	56.25	Before	Left Exterior Girder	56.25	0.95	1	1	5.480058
SU4_str	BOBJ1	56.25	Before	Interior Girder 1	56.25	0.95	1	1	4.621502
SU4_str	BOBJ1	56.25	Before	Interior Girder 2	56.25	0.95	1	1	4.621502
SU4_str	BOBJ1	56.25	Before	Right Exterior Girder	56.25	0.95	1	1	5.480059
SU4_str	BOBJ1	56.25	After	Left Exterior Girder	56.25	0.95	1	1	5.479193
SU4_str	BOBJ1	56.25	After	Interior Girder 1	56.25	0.95	1	1	4.617757
SU4_str	BOBJ1	56.25	After	Interior Girder 2	56.25	0.95	1	1	4.617757
SU4_str	BOBJ1	56.25	After	Right Exterior Girder	56.25	0.95	1	1	5.479193
SU4_str	BOBJ1	67.5	Before	Left Exterior Girder	67.5	0.95	1	1	4.843445
SU4_str	BOBJ1	67.5	Before	Interior Girder 1	67.5	0.95	1	1	4.272374
SU4_str	BOBJ1	67.5	Before	Interior Girder 2	67.5	0.95	1	1	4.272374
SU4_str	BOBJ1	67.5	Before	Right Exterior Girder	67.5	0.95	1	1	4.843446
SU4_str	BOBJ1	67.5	After	Left Exterior Girder	67.5	0.95	1	1	4.884129
SU4_str	BOBJ1	67.5	After	Interior Girder 1	67.5	0.95	1	1	4.251817
SU4_str	BOBJ1	67.5	After	Interior Girder 2	67.5	0.95	1	1	4.251816
SU4_str	BOBJ1	67.5	After	Right Exterior Girder	67.5	0.95	1	1	4.884129
SU4_str	BOBJ1	78.75	Before	Left Exterior Girder	78.75	0.95	1	1	4.69716
SU4_str	BOBJ1	78.75	Before	Interior Girder 1	78.75	0.95	1	1	4.100882
SU4_str	BOBJ1	78.75	Before	Interior Girder 2	78.75	0.95	1	1	4.100882
SU4_str	BOBJ1	78.75	Before	Right Exterior Girder	78.75	0.95	1	1	4.697161
SU4_str	BOBJ1	78.75	After	Left Exterior Girder	78.75	0.95	1	1	4.692685
SU4_str	BOBJ1	78.75	After	Interior Girder 1	78.75	0.95	1	1	4.10132
SU4_str	BOBJ1	78.75	After	Interior Girder 2	78.75	0.95	1	1	4.101319
SU4_str	BOBJ1	78.75	After	Right Exterior Girder	78.75	0.95	1	1	4.692685
SU4_str	BOBJ1	90	Before	Left Exterior Girder	90	0.95	1	1	4.775191
SU4_str	BOBJ1	90	Before	Interior Girder 1	90	0.95	1	1	4.268195
SU4_str	BOBJ1	90	Before	Interior Girder 2	90	0.95	1	1	4.268194
SU4_str	BOBJ1	90	Before	Right Exterior Girder	90	0.95	1	1	4.775191
SU4_str	BOBJ1	90	After	Left Exterior Girder	90	0.95	1	1	4.776355
SU4_str	BOBJ1	90	After	Interior Girder 1	90	0.95	1	1	4.258258
SU4_str	BOBJ1	90	After	Interior Girder 2	90	0.95	1	1	4.258257
SU4_str	BOBJ1	90	After	Right Exterior Girder	90	0.95	1	1	4.776356
SU4_str	BOBJ1	101.25	Before	Left Exterior Girder	101.25	0.95	1	1	5.209268
SU4_str	BOBJ1	101.25	Before	Interior Girder 1	101.25	0.95	1	1	4.565328
SU4_str	BOBJ1	101.25	Before	Interior Girder 2	101.25	0.95	1	1	4.565328
SU4_str	BOBJ1	101.25	Before	Right Exterior Girder	101.25	0.95	1	1	5.209269
SU4_str	BOBJ1	101.25	After	Left Exterior Girder	101.25	0.95	1	1	5.201813
SU4_str	BOBJ1	101.25	After	Interior Girder 1	101.25	0.95	1	1	4.564357
SU4_str	BOBJ1	101.25	After	Interior Girder 2	101.25	0.95	1	1	4.564357
SU4_str	BOBJ1	101.25	After	Right Exterior Girder	101.25	0.95	1	1	5.201813
SU4_str	BOBJ1	112.5	Before	Left Exterior Girder	112.5	0.95	1	1	5.909454
SU4_str	BOBJ1	112.5	Before	Interior Girder 1	112.5	0.95	1	1	5.224472
SU4_str	BOBJ1	112.5	Before	Interior Girder 2	112.5	0.95	1	1	5.224473
SU4_str	BOBJ1	112.5	Before	Right Exterior Girder	112.5	0.95	1	1	5.909454

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelINonCompStrgth-Flx - Main Span Girders									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
SU4_str	BOBJ1	112.5	After	Left Exterior Girder	112.5	0.95	1	1	5.875
SU4_str	BOBJ1	112.5	After	Interior Girder 1	112.5	0.95	1	1	5.222468
SU4_str	BOBJ1	112.5	After	Interior Girder 2	112.5	0.95	1	1	5.222468
SU4_str	BOBJ1	112.5	After	Right Exterior Girder	112.5	0.95	1	1	5.875
SU4_str	BOBJ1	123.75	Before	Left Exterior Girder	123.75	0.95	1	1	7.082915
SU4_str	BOBJ1	123.75	Before	Interior Girder 1	123.75	0.95	1	1	6.12168
SU4_str	BOBJ1	123.75	Before	Interior Girder 2	123.75	0.95	1	1	6.121681
SU4_str	BOBJ1	123.75	Before	Right Exterior Girder	123.75	0.95	1	1	7.082915
SU4_str	BOBJ1	123.75	After	Left Exterior Girder	123.75	0.95	1	1	7.088666
SU4_str	BOBJ1	123.75	After	Interior Girder 1	123.75	0.95	1	1	6.121563
SU4_str	BOBJ1	123.75	After	Interior Girder 2	123.75	0.95	1	1	6.121564
SU4_str	BOBJ1	123.75	After	Right Exterior Girder	123.75	0.95	1	1	7.088666
SU4_str	BOBJ1	126.4381	Before	Left Exterior Girder	126.4381	0.95	1	1	7.450581
SU4_str	BOBJ1	126.4381	Before	Interior Girder 1	126.4381	0.95	1	1	6.405995
SU4_str	BOBJ1	126.4381	Before	Interior Girder 2	126.4381	0.95	1	1	6.405995
SU4_str	BOBJ1	126.4381	Before	Right Exterior Girder	126.4381	0.95	1	1	7.450581
SU4_str	BOBJ1	126.4381	After	Left Exterior Girder	126.4381	0.95	1	1	3.937037
SU4_str	BOBJ1	126.4381	After	Interior Girder 1	126.4381	0.95	1	1	3.387452
SU4_str	BOBJ1	126.4381	After	Interior Girder 2	126.4381	0.95	1	1	3.387452
SU4_str	BOBJ1	126.4381	After	Right Exterior Girder	126.4381	0.95	1	1	3.937037
SU4_str	BOBJ1	135	Before	Left Exterior Girder	135	0.95	1	1	5.029325
SU4_str	BOBJ1	135	Before	Interior Girder 1	135	0.95	1	1	4.288961
SU4_str	BOBJ1	135	Before	Interior Girder 2	135	0.95	1	1	4.288961
SU4_str	BOBJ1	135	Before	Right Exterior Girder	135	0.95	1	1	5.029325
SU4_str	BOBJ1	135	After	Left Exterior Girder	135	0.95	1	1	4.946112
SU4_str	BOBJ1	135	After	Interior Girder 1	135	0.95	1	1	4.270938
SU4_str	BOBJ1	135	After	Interior Girder 2	135	0.95	1	1	4.270938
SU4_str	BOBJ1	135	After	Right Exterior Girder	135	0.95	1	1	4.946112
SU4_str	BOBJ1	146.25	Before	Left Exterior Girder	146.25	0.95	1	1	7.062028
SU4_str	BOBJ1	146.25	Before	Interior Girder 1	146.25	0.95	1	1	5.799591
SU4_str	BOBJ1	146.25	Before	Interior Girder 2	146.25	0.95	1	1	5.799591
SU4_str	BOBJ1	146.25	Before	Right Exterior Girder	146.25	0.95	1	1	7.062028
SU4_str	BOBJ1	146.25	After	Left Exterior Girder	146.25	0.95	1	1	7.057343
SU4_str	BOBJ1	146.25	After	Interior Girder 1	146.25	0.95	1	1	5.806622
SU4_str	BOBJ1	146.25	After	Interior Girder 2	146.25	0.95	1	1	5.806622
SU4_str	BOBJ1	146.25	After	Right Exterior Girder	146.25	0.95	1	1	7.057343
SU4_str	BOBJ1	157.5	Before	Left Exterior Girder	157.5	0.95	1	1	7.844341
SU4_str	BOBJ1	157.5	Before	Interior Girder 1	157.5	0.95	1	1	7.811563
SU4_str	BOBJ1	157.5	Before	Interior Girder 2	157.5	0.95	1	1	7.811563
SU4_str	BOBJ1	157.5	Before	Right Exterior Girder	157.5	0.95	1	1	7.844342
SU4_str	BOBJ1	157.5	After	Left Exterior Girder	157.5	0.95	1	1	5.573334
SU4_str	BOBJ1	157.5	After	Interior Girder 1	157.5	0.95	1	1	5.521478
SU4_str	BOBJ1	157.5	After	Interior Girder 2	157.5	0.95	1	1	5.521477
SU4_str	BOBJ1	157.5	After	Right Exterior Girder	157.5	0.95	1	1	5.573335
SU4_str	BOBJ1	168.2522	Before	Left Exterior Girder	168.2522	0.95	1	1	2.721089
SU4_str	BOBJ1	168.2522	Before	Interior Girder 1	168.2522	0.95	1	1	2.672071
SU4_str	BOBJ1	168.2522	Before	Interior Girder 2	168.2522	0.95	1	1	2.672071
SU4_str	BOBJ1	168.2522	Before	Right Exterior Girder	168.2522	0.95	1	1	2.721089
SU4_str	BOBJ1	168.2522	After	Left Exterior Girder	168.2522	0.95	1	1	8.556396
SU4_str	BOBJ1	168.2522	After	Interior Girder 1	168.2522	0.95	1	1	8.321019
SU4_str	BOBJ1	168.2522	After	Interior Girder 2	168.2522	0.95	1	1	8.321019
SU4_str	BOBJ1	168.2522	After	Right Exterior Girder	168.2522	0.95	1	1	8.556397
SU4_str	BOBJ1	168.75	Before	Left Exterior Girder	168.75	0.95	1	1	8.402625
SU4_str	BOBJ1	168.75	Before	Interior Girder 1	168.75	0.95	1	1	8.181102
SU4_str	BOBJ1	168.75	Before	Interior Girder 2	168.75	0.95	1	1	8.181101
SU4_str	BOBJ1	168.75	Before	Right Exterior Girder	168.75	0.95	1	1	8.402626
SU4_str	BOBJ1	168.75	After	Left Exterior Girder	168.75	0.95	1	1	8.420625
SU4_str	BOBJ1	168.75	After	Interior Girder 1	168.75	0.95	1	1	8.16458
SU4_str	BOBJ1	168.75	After	Interior Girder 2	168.75	0.95	1	1	8.16458
SU4_str	BOBJ1	168.75	After	Right Exterior Girder	168.75	0.95	1	1	8.420625
SU4_str	BOBJ1	180	Before	Left Exterior Girder	180	0.95	1	1	5.159217
SU4_str	BOBJ1	180	Before	Interior Girder 1	180	0.95	1	1	4.928065
SU4_str	BOBJ1	180	Before	Interior Girder 2	180	0.95	1	1	4.928065
SU4_str	BOBJ1	180	Before	Right Exterior Girder	180	0.95	1	1	5.159217
SU4_str	BOBJ1	180	After	Left Exterior Girder	180	0.95	1	1	7.119023
SU4_str	BOBJ1	180	After	Interior Girder 1	180	0.95	1	1	6.818128
SU4_str	BOBJ1	180	After	Interior Girder 2	180	0.95	1	1	6.818128
SU4_str	BOBJ1	180	After	Right Exterior Girder	180	0.95	1	1	7.119023

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelNonCompStrgth-Flx - Main Span Girders									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
SU4_str	BOBJ1	183.1858	Before	Left Exterior Girder	183.1858	0.95	1	1	6.175031
SU4_str	BOBJ1	183.1858	Before	Interior Girder 1	183.1858	0.95	1	1	5.883647
SU4_str	BOBJ1	183.1858	Before	Interior Girder 2	183.1858	0.95	1	1	5.883647
SU4_str	BOBJ1	183.1858	Before	Right Exterior Girder	183.1858	0.95	1	1	6.175031
SU4_str	BOBJ1	183.1858	After	Left Exterior Girder	183.1858	0.95	1	1	13.814817
SU4_str	BOBJ1	183.1858	After	Interior Girder 1	183.1858	0.95	1	1	13.124214
SU4_str	BOBJ1	183.1858	After	Interior Girder 2	183.1858	0.95	1	1	13.124215
SU4_str	BOBJ1	183.1858	After	Right Exterior Girder	183.1858	0.95	1	1	13.814817
SU4_str	BOBJ1	191.25	Before	Left Exterior Girder	191.25	0.95	1	1	11.162446
SU4_str	BOBJ1	191.25	Before	Interior Girder 1	191.25	0.95	1	1	10.422081
SU4_str	BOBJ1	191.25	Before	Interior Girder 2	191.25	0.95	1	1	10.422081
SU4_str	BOBJ1	191.25	Before	Right Exterior Girder	191.25	0.95	1	1	11.162446
SU4_str	BOBJ1	191.25	After	Left Exterior Girder	191.25	0.95	1	1	11.193021
SU4_str	BOBJ1	191.25	After	Interior Girder 1	191.25	0.95	1	1	10.399827
SU4_str	BOBJ1	191.25	After	Interior Girder 2	191.25	0.95	1	1	10.399827
SU4_str	BOBJ1	191.25	After	Right Exterior Girder	191.25	0.95	1	1	11.193021
SU4_str	BOBJ1	199.9414	Before	Left Exterior Girder	199.9414	0.95	1	1	8.263634
SU4_str	BOBJ1	199.9414	Before	Interior Girder 1	199.9414	0.95	1	1	7.603538
SU4_str	BOBJ1	199.9414	Before	Interior Girder 2	199.9414	0.95	1	1	7.603539
SU4_str	BOBJ1	199.9414	Before	Right Exterior Girder	199.9414	0.95	1	1	8.263634
SU4_str	BOBJ1	199.9414	After	Left Exterior Girder	199.9414	0.95	1	1	14.254287
SU4_str	BOBJ1	199.9414	After	Interior Girder 1	199.9414	0.95	1	1	13.112453
SU4_str	BOBJ1	199.9414	After	Interior Girder 2	199.9414	0.95	1	1	13.112453
SU4_str	BOBJ1	199.9414	After	Right Exterior Girder	199.9414	0.95	1	1	14.254287
SU4_str	BOBJ1	202.5	Before	Left Exterior Girder	202.5	0.95	1	1	13.003497
SU4_str	BOBJ1	202.5	Before	Interior Girder 1	202.5	0.95	1	1	12.216394
SU4_str	BOBJ1	202.5	Before	Interior Girder 2	202.5	0.95	1	1	12.216394
SU4_str	BOBJ1	202.5	Before	Right Exterior Girder	202.5	0.95	1	1	13.003497
SU4_str	BOBJ1	202.5	After	Left Exterior Girder	202.5	0.95	1	1	13.469264
SU4_str	BOBJ1	202.5	After	Interior Girder 1	202.5	0.95	1	1	12.350595
SU4_str	BOBJ1	202.5	After	Interior Girder 2	202.5	0.95	1	1	12.350595
SU4_str	BOBJ1	202.5	After	Right Exterior Girder	202.5	0.95	1	1	13.469264
SU4_str	BOBJ1	210.5642	Before	Left Exterior Girder	210.5642	0.95	1	1	9.756524
SU4_str	BOBJ1	210.5642	Before	Interior Girder 1	210.5642	0.95	1	1	9.278872
SU4_str	BOBJ1	210.5642	Before	Interior Girder 2	210.5642	0.95	1	1	9.278872
SU4_str	BOBJ1	210.5642	Before	Right Exterior Girder	210.5642	0.95	1	1	9.756524
SU4_str	BOBJ1	210.5642	After	Left Exterior Girder	210.5642	0.95	1	1	15.003227
SU4_str	BOBJ1	210.5642	After	Interior Girder 1	210.5642	0.95	1	1	14.313551
SU4_str	BOBJ1	210.5642	After	Interior Girder 2	210.5642	0.95	1	1	14.313551
SU4_str	BOBJ1	210.5642	After	Right Exterior Girder	210.5642	0.95	1	1	15.003227
SU4_str	BOBJ1	213.75	Before	Left Exterior Girder	213.75	0.95	1	1	13.349908
SU4_str	BOBJ1	213.75	Before	Interior Girder 1	213.75	0.95	1	1	12.539473
SU4_str	BOBJ1	213.75	Before	Interior Girder 2	213.75	0.95	1	1	12.539473
SU4_str	BOBJ1	213.75	Before	Right Exterior Girder	213.75	0.95	1	1	13.349908
SU4_str	BOBJ1	213.75	After	Left Exterior Girder	213.75	0.95	1	1	13.33461
SU4_str	BOBJ1	213.75	After	Interior Girder 1	213.75	0.95	1	1	12.515688
SU4_str	BOBJ1	213.75	After	Interior Girder 2	213.75	0.95	1	1	12.515687
SU4_str	BOBJ1	213.75	After	Right Exterior Girder	213.75	0.95	1	1	13.334609
SU4_str	BOBJ1	225	Before	Left Exterior Girder	225	0.95	1	1	8.036168
SU4_str	BOBJ1	225	Before	Interior Girder 1	225	0.95	1	1	7.205065
SU4_str	BOBJ1	225	Before	Interior Girder 2	225	0.95	1	1	7.205065
SU4_str	BOBJ1	225	Before	Right Exterior Girder	225	0.95	1	1	8.036168
SU4_str	BOBJ1	225	After	Left Exterior Girder	0	0.95	1	1	7.576037
SU4_str	BOBJ1	225	After	Interior Girder 1	0	0.95	1	1	6.918598
SU4_str	BOBJ1	225	After	Interior Girder 2	0	0.95	1	1	6.918599
SU4_str	BOBJ1	225	After	Right Exterior Girder	0	0.95	1	1	7.576036
SU4_str	BOBJ1	236.45	Before	Left Exterior Girder	11.45	0.95	1	1	13.458435
SU4_str	BOBJ1	236.45	Before	Interior Girder 1	11.45	0.95	1	1	13.317662
SU4_str	BOBJ1	236.45	Before	Interior Girder 2	11.45	0.95	1	1	13.317662
SU4_str	BOBJ1	236.45	Before	Right Exterior Girder	11.45	0.95	1	1	13.458435
SU4_str	BOBJ1	236.45	After	Left Exterior Girder	11.45	0.95	1	1	13.48668
SU4_str	BOBJ1	236.45	After	Interior Girder 1	11.45	0.95	1	1	13.323944
SU4_str	BOBJ1	236.45	After	Interior Girder 2	11.45	0.95	1	1	13.323944
SU4_str	BOBJ1	236.45	After	Right Exterior Girder	11.45	0.95	1	1	13.486679
SU4_str	BOBJ1	239.5082	Before	Left Exterior Girder	14.5082	0.95	1	1	15.491673
SU4_str	BOBJ1	239.5082	Before	Interior Girder 1	14.5082	0.95	1	1	15.397932
SU4_str	BOBJ1	239.5082	Before	Interior Girder 2	14.5082	0.95	1	1	15.397933
SU4_str	BOBJ1	239.5082	Before	Right Exterior Girder	14.5082	0.95	1	1	15.491673

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelNonCompStrgth-Flx - Main Span Girders

Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
SU4_str	BOBJ1	239.5082	After	Left Exterior Girder	14.5082	0.95	1	1	10.170334
SU4_str	BOBJ1	239.5082	After	Interior Girder 1	14.5082	0.95	1	1	10.103593
SU4_str	BOBJ1	239.5082	After	Interior Girder 2	14.5082	0.95	1	1	10.103593
SU4_str	BOBJ1	239.5082	After	Right Exterior Girder	14.5082	0.95	1	1	10.170333
SU4_str	BOBJ1	247.9	Before	Left Exterior Girder	22.9	0.95	1	1	15.502544
SU4_str	BOBJ1	247.9	Before	Interior Girder 1	22.9	0.95	1	1	15.256768
SU4_str	BOBJ1	247.9	Before	Interior Girder 2	22.9	0.95	1	1	15.256768
SU4_str	BOBJ1	247.9	Before	Right Exterior Girder	22.9	0.95	1	1	15.502544
SU4_str	BOBJ1	247.9	After	Left Exterior Girder	22.9	0.95	1	1	15.08633
SU4_str	BOBJ1	247.9	After	Interior Girder 1	22.9	0.95	1	1	15.240687
SU4_str	BOBJ1	247.9	After	Interior Girder 2	22.9	0.95	1	1	15.240687
SU4_str	BOBJ1	247.9	After	Right Exterior Girder	22.9	0.95	1	1	15.08633
SU4_str	BOBJ1	258.5189	Before	Left Exterior Girder	33.5189	0.95	1	1	21.575164
SU4_str	BOBJ1	258.5189	Before	Interior Girder 1	33.5189	0.95	1	1	20.110065
SU4_str	BOBJ1	258.5189	Before	Interior Girder 2	33.5189	0.95	1	1	20.110065
SU4_str	BOBJ1	258.5189	Before	Right Exterior Girder	33.5189	0.95	1	1	21.575164
SU4_str	BOBJ1	258.5189	After	Left Exterior Girder	33.5189	0.95	1	1	14.677424
SU4_str	BOBJ1	258.5189	After	Interior Girder 1	33.5189	0.95	1	1	13.533953
SU4_str	BOBJ1	258.5189	After	Interior Girder 2	33.5189	0.95	1	1	13.533953
SU4_str	BOBJ1	258.5189	After	Right Exterior Girder	33.5189	0.95	1	1	14.677424
SU4_str	BOBJ1	259.3	Before	Left Exterior Girder	34.3	0.95	1	1	15.023844
SU4_str	BOBJ1	259.3	Before	Interior Girder 1	34.3	0.95	1	1	13.870044
SU4_str	BOBJ1	259.3	Before	Interior Girder 2	34.3	0.95	1	1	13.870044
SU4_str	BOBJ1	259.3	Before	Right Exterior Girder	34.3	0.95	1	1	15.023844
SU4_str	BOBJ1	259.3	After	Left Exterior Girder	34.3	0.95	1	1	15.013344
SU4_str	BOBJ1	259.3	After	Interior Girder 1	34.3	0.95	1	1	13.879406
SU4_str	BOBJ1	259.3	After	Interior Girder 2	34.3	0.95	1	1	13.879406
SU4_str	BOBJ1	259.3	After	Right Exterior Girder	34.3	0.95	1	1	15.013345
SU4_str	BOBJ1	266.1031	Before	Left Exterior Girder	41.1031	0.95	1	1	17.944706
SU4_str	BOBJ1	266.1031	Before	Interior Girder 1	41.1031	0.95	1	1	16.861232
SU4_str	BOBJ1	266.1031	Before	Interior Girder 2	41.1031	0.95	1	1	16.861232
SU4_str	BOBJ1	266.1031	Before	Right Exterior Girder	41.1031	0.95	1	1	17.944706
SU4_str	BOBJ1	266.1031	After	Left Exterior Girder	41.1031	0.95	1	1	9.292371
SU4_str	BOBJ1	266.1031	After	Interior Girder 1	41.1031	0.95	1	1	8.740659
SU4_str	BOBJ1	266.1031	After	Interior Girder 2	41.1031	0.95	1	1	8.740659
SU4_str	BOBJ1	266.1031	After	Right Exterior Girder	41.1031	0.95	1	1	9.292372
SU4_str	BOBJ1	270.7	Before	Left Exterior Girder	45.7	0.95	1	1	11.137644
SU4_str	BOBJ1	270.7	Before	Interior Girder 1	45.7	0.95	1	1	10.587685
SU4_str	BOBJ1	270.7	Before	Interior Girder 2	45.7	0.95	1	1	10.587684
SU4_str	BOBJ1	270.7	Before	Right Exterior Girder	45.7	0.95	1	1	11.137644
SU4_str	BOBJ1	270.7	After	Left Exterior Girder	45.7	0.95	1	1	13.058807
SU4_str	BOBJ1	270.7	After	Interior Girder 1	45.7	0.95	1	1	12.409843
SU4_str	BOBJ1	270.7	After	Interior Girder 2	45.7	0.95	1	1	12.409842
SU4_str	BOBJ1	270.7	After	Right Exterior Girder	45.7	0.95	1	1	13.058807
SU4_str	BOBJ1	273.6874	Before	Left Exterior Girder	48.6874	0.95	1	1	14.306787
SU4_str	BOBJ1	273.6874	Before	Interior Girder 1	48.6874	0.95	1	1	13.650401
SU4_str	BOBJ1	273.6874	Before	Interior Girder 2	48.6874	0.95	1	1	13.650401
SU4_str	BOBJ1	273.6874	Before	Right Exterior Girder	48.6874	0.95	1	1	14.306787
SU4_str	BOBJ1	273.6874	After	Left Exterior Girder	48.6874	0.95	1	1	6.15821
SU4_str	BOBJ1	273.6874	After	Interior Girder 1	48.6874	0.95	1	1	5.917727
SU4_str	BOBJ1	273.6874	After	Interior Girder 2	48.6874	0.95	1	1	5.917727
SU4_str	BOBJ1	273.6874	After	Right Exterior Girder	48.6874	0.95	1	1	6.15821
SU4_str	BOBJ1	282.15	Before	Left Exterior Girder	57.15	0.95	1	1	9.437957
SU4_str	BOBJ1	282.15	Before	Interior Girder 1	57.15	0.95	1	1	8.880281
SU4_str	BOBJ1	282.15	Before	Interior Girder 2	57.15	0.95	1	1	8.880281
SU4_str	BOBJ1	282.15	Before	Right Exterior Girder	57.15	0.95	1	1	9.437957
SU4_str	BOBJ1	282.15	After	Left Exterior Girder	57.15	0.95	1	1	9.424539
SU4_str	BOBJ1	282.15	After	Interior Girder 1	57.15	0.95	1	1	8.899916
SU4_str	BOBJ1	282.15	After	Interior Girder 2	57.15	0.95	1	1	8.899916
SU4_str	BOBJ1	282.15	After	Right Exterior Girder	57.15	0.95	1	1	9.424539
SU4_str	BOBJ1	293.6	Before	Left Exterior Girder	68.6	0.95	1	1	6.89691
SU4_str	BOBJ1	293.6	Before	Interior Girder 1	68.6	0.95	1	1	5.428857
SU4_str	BOBJ1	293.6	Before	Interior Girder 2	68.6	0.95	1	1	5.428857
SU4_str	BOBJ1	293.6	Before	Right Exterior Girder	68.6	0.95	1	1	6.89691
SU4_str	BOBJ1	293.6	After	Left Exterior Girder	68.6	0.95	1	1	7.117668
SU4_str	BOBJ1	293.6	After	Interior Girder 1	68.6	0.95	1	1	5.510555
SU4_str	BOBJ1	293.6	After	Interior Girder 2	68.6	0.95	1	1	5.510555
SU4_str	BOBJ1	293.6	After	Right Exterior Girder	68.6	0.95	1	1	7.117667

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelNonCompStrgth-Flx - Main Span Girders

Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
SU4_str	BOBJ1	305	Before	Left Exterior Girder	80	0.95	1	1	3.88341
SU4_str	BOBJ1	305	Before	Interior Girder 1	80	0.95	1	1	3.079049
SU4_str	BOBJ1	305	Before	Interior Girder 2	80	0.95	1	1	3.079049
SU4_str	BOBJ1	305	Before	Right Exterior Girder	80	0.95	1	1	3.88341
SU4_str	BOBJ1	305	After	Left Exterior Girder	80	0.95	1	1	3.881452
SU4_str	BOBJ1	305	After	Interior Girder 1	80	0.95	1	1	3.07803
SU4_str	BOBJ1	305	After	Interior Girder 2	80	0.95	1	1	3.07803
SU4_str	BOBJ1	305	After	Right Exterior Girder	80	0.95	1	1	3.881452
SU4_str	BOBJ1	306.9561	Before	Left Exterior Girder	81.9561	0.95	1	1	3.444312
SU4_str	BOBJ1	306.9561	Before	Interior Girder 1	81.9561	0.95	1	1	2.759949
SU4_str	BOBJ1	306.9561	Before	Interior Girder 2	81.9561	0.95	1	1	2.759949
SU4_str	BOBJ1	306.9561	Before	Right Exterior Girder	81.9561	0.95	1	1	3.444312
SU4_str	BOBJ1	306.9561	After	Left Exterior Girder	81.9561	0.95	1	1	9.011929
SU4_str	BOBJ1	306.9561	After	Interior Girder 1	81.9561	0.95	1	1	7.312538
SU4_str	BOBJ1	306.9561	After	Interior Girder 2	81.9561	0.95	1	1	7.312538
SU4_str	BOBJ1	306.9561	After	Right Exterior Girder	81.9561	0.95	1	1	9.011929
SU4_str	BOBJ1	316.4	Before	Left Exterior Girder	91.4	0.95	1	1	6.643235
SU4_str	BOBJ1	316.4	Before	Interior Girder 1	91.4	0.95	1	1	5.610965
SU4_str	BOBJ1	316.4	Before	Interior Girder 2	91.4	0.95	1	1	5.610965
SU4_str	BOBJ1	316.4	Before	Right Exterior Girder	91.4	0.95	1	1	6.643235
SU4_str	BOBJ1	316.4	After	Left Exterior Girder	91.4	0.95	1	1	6.722441
SU4_str	BOBJ1	316.4	After	Interior Girder 1	91.4	0.95	1	1	5.585303
SU4_str	BOBJ1	316.4	After	Interior Girder 2	91.4	0.95	1	1	5.585304
SU4_str	BOBJ1	316.4	After	Right Exterior Girder	91.4	0.95	1	1	6.72244
SU4_str	BOBJ1	327.85	Before	Left Exterior Girder	102.9679	0.95	1	1	4.829422
SU4_str	BOBJ1	327.85	Before	Interior Girder 1	102.9679	0.95	1	1	4.037594
SU4_str	BOBJ1	327.85	Before	Interior Girder 2	102.9679	0.95	1	1	4.037594
SU4_str	BOBJ1	327.85	Before	Right Exterior Girder	102.9679	0.95	1	1	4.829422
SU4_str	BOBJ1	327.85	After	Left Exterior Girder	102.9679	0.95	1	1	9.326306
SU4_str	BOBJ1	327.85	After	Interior Girder 1	102.9679	0.95	1	1	7.931875
SU4_str	BOBJ1	327.85	After	Interior Girder 2	102.9679	0.95	1	1	7.931876
SU4_str	BOBJ1	327.85	After	Right Exterior Girder	102.9679	0.95	1	1	9.326305
SU4_str	BOBJ1	339.3	Before	Left Exterior Girder	114.3	0.95	1	1	7.599039
SU4_str	BOBJ1	339.3	Before	Interior Girder 1	114.3	0.95	1	1	6.664045
SU4_str	BOBJ1	339.3	Before	Interior Girder 2	114.3	0.95	1	1	6.664046
SU4_str	BOBJ1	339.3	Before	Right Exterior Girder	114.3	0.95	1	1	7.599039
SU4_str	BOBJ1	339.3	After	Left Exterior Girder	114.3	0.95	1	1	7.644511
SU4_str	BOBJ1	339.3	After	Interior Girder 1	114.3	0.95	1	1	6.648734
SU4_str	BOBJ1	339.3	After	Interior Girder 2	114.3	0.95	1	1	6.648734
SU4_str	BOBJ1	339.3	After	Right Exterior Girder	114.3	0.95	1	1	7.644511
SU4_str	BOBJ1	350.7	Before	Left Exterior Girder	125.7	0.95	1	1	6.563806
SU4_str	BOBJ1	350.7	Before	Interior Girder 1	125.7	0.95	1	1	5.69456
SU4_str	BOBJ1	350.7	Before	Interior Girder 2	125.7	0.95	1	1	5.69456
SU4_str	BOBJ1	350.7	Before	Right Exterior Girder	125.7	0.95	1	1	6.563806
SU4_str	BOBJ1	350.7	After	Left Exterior Girder	125.7	0.95	1	1	6.559297
SU4_str	BOBJ1	350.7	After	Interior Girder 1	125.7	0.95	1	1	5.698884
SU4_str	BOBJ1	350.7	After	Interior Girder 2	125.7	0.95	1	1	5.698884
SU4_str	BOBJ1	350.7	After	Right Exterior Girder	125.7	0.95	1	1	6.559297
SU4_str	BOBJ1	362.1	Before	Left Exterior Girder	137.1	0.95	1	1	5.813402
SU4_str	BOBJ1	362.1	Before	Interior Girder 1	137.1	0.95	1	1	5.160044
SU4_str	BOBJ1	362.1	Before	Interior Girder 2	137.1	0.95	1	1	5.160044
SU4_str	BOBJ1	362.1	Before	Right Exterior Girder	137.1	0.95	1	1	5.813403
SU4_str	BOBJ1	362.1	After	Left Exterior Girder	137.1	0.95	1	1	5.838021
SU4_str	BOBJ1	362.1	After	Interior Girder 1	137.1	0.95	1	1	5.165261
SU4_str	BOBJ1	362.1	After	Interior Girder 2	137.1	0.95	1	1	5.165261
SU4_str	BOBJ1	362.1	After	Right Exterior Girder	137.1	0.95	1	1	5.838021
SU4_str	BOBJ1	373.55	Before	Left Exterior Girder	148.55	0.95	1	1	5.463436
SU4_str	BOBJ1	373.55	Before	Interior Girder 1	148.55	0.95	1	1	4.791788
SU4_str	BOBJ1	373.55	Before	Interior Girder 2	148.55	0.95	1	1	4.791788
SU4_str	BOBJ1	373.55	Before	Right Exterior Girder	148.55	0.95	1	1	5.463436
SU4_str	BOBJ1	373.55	After	Left Exterior Girder	148.55	0.95	1	1	5.460583
SU4_str	BOBJ1	373.55	After	Interior Girder 1	148.55	0.95	1	1	4.795039
SU4_str	BOBJ1	373.55	After	Interior Girder 2	148.55	0.95	1	1	4.795039
SU4_str	BOBJ1	373.55	After	Right Exterior Girder	148.55	0.95	1	1	5.460583
SU4_str	BOBJ1	385	Before	Left Exterior Girder	160	0.95	1	1	5.307956
SU4_str	BOBJ1	385	Before	Interior Girder 1	160	0.95	1	1	4.725452
SU4_str	BOBJ1	385	Before	Interior Girder 2	160	0.95	1	1	4.725452
SU4_str	BOBJ1	385	Before	Right Exterior Girder	160	0.95	1	1	5.307956

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelNonCompStrgth-Flx - Main Span Girders									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
SU4_str	BOBJ1	385	After	Left Exterior Girder	160	0.95	1	1	5.307956
SU4_str	BOBJ1	385	After	Interior Girder 1	160	0.95	1	1	4.725452
SU4_str	BOBJ1	385	After	Interior Girder 2	160	0.95	1	1	4.725452
SU4_str	BOBJ1	385	After	Right Exterior Girder	160	0.95	1	1	5.307956
SU4_str	BOBJ1	396.45	Before	Left Exterior Girder	171.45	0.95	1	1	5.460583
SU4_str	BOBJ1	396.45	Before	Interior Girder 1	171.45	0.95	1	1	4.795039
SU4_str	BOBJ1	396.45	Before	Interior Girder 2	171.45	0.95	1	1	4.795039
SU4_str	BOBJ1	396.45	Before	Right Exterior Girder	171.45	0.95	1	1	5.460583
SU4_str	BOBJ1	396.45	After	Left Exterior Girder	171.45	0.95	1	1	5.463436
SU4_str	BOBJ1	396.45	After	Interior Girder 1	171.45	0.95	1	1	4.791788
SU4_str	BOBJ1	396.45	After	Interior Girder 2	171.45	0.95	1	1	4.791788
SU4_str	BOBJ1	396.45	After	Right Exterior Girder	171.45	0.95	1	1	5.463437
SU4_str	BOBJ1	407.9	Before	Left Exterior Girder	182.9	0.95	1	1	5.838022
SU4_str	BOBJ1	407.9	Before	Interior Girder 1	182.9	0.95	1	1	5.165261
SU4_str	BOBJ1	407.9	Before	Interior Girder 2	182.9	0.95	1	1	5.165261
SU4_str	BOBJ1	407.9	Before	Right Exterior Girder	182.9	0.95	1	1	5.838022
SU4_str	BOBJ1	407.9	After	Left Exterior Girder	182.9	0.95	1	1	5.813402
SU4_str	BOBJ1	407.9	After	Interior Girder 1	182.9	0.95	1	1	5.160044
SU4_str	BOBJ1	407.9	After	Interior Girder 2	182.9	0.95	1	1	5.160044
SU4_str	BOBJ1	407.9	After	Right Exterior Girder	182.9	0.95	1	1	5.813402
SU4_str	BOBJ1	419.3	Before	Left Exterior Girder	194.3	0.95	1	1	6.559297
SU4_str	BOBJ1	419.3	Before	Interior Girder 1	194.3	0.95	1	1	5.698884
SU4_str	BOBJ1	419.3	Before	Interior Girder 2	194.3	0.95	1	1	5.698884
SU4_str	BOBJ1	419.3	Before	Right Exterior Girder	194.3	0.95	1	1	6.559297
SU4_str	BOBJ1	419.3	After	Left Exterior Girder	194.3	0.95	1	1	6.563806
SU4_str	BOBJ1	419.3	After	Interior Girder 1	194.3	0.95	1	1	5.69456
SU4_str	BOBJ1	419.3	After	Interior Girder 2	194.3	0.95	1	1	5.69456
SU4_str	BOBJ1	419.3	After	Right Exterior Girder	194.3	0.95	1	1	6.563806
SU4_str	BOBJ1	430.7	Before	Left Exterior Girder	205.7	0.95	1	1	7.644511
SU4_str	BOBJ1	430.7	Before	Interior Girder 1	205.7	0.95	1	1	6.648734
SU4_str	BOBJ1	430.7	Before	Interior Girder 2	205.7	0.95	1	1	6.648734
SU4_str	BOBJ1	430.7	Before	Right Exterior Girder	205.7	0.95	1	1	7.644511
SU4_str	BOBJ1	430.7	After	Left Exterior Girder	205.7	0.95	1	1	7.599039
SU4_str	BOBJ1	430.7	After	Interior Girder 1	205.7	0.95	1	1	6.664045
SU4_str	BOBJ1	430.7	After	Interior Girder 2	205.7	0.95	1	1	6.664045
SU4_str	BOBJ1	430.7	After	Right Exterior Girder	205.7	0.95	1	1	7.599039
SU4_str	BOBJ1	442.15	Before	Left Exterior Girder	217.0321	0.95	1	1	9.311199
SU4_str	BOBJ1	442.15	Before	Interior Girder 1	217.0321	0.95	1	1	7.932073
SU4_str	BOBJ1	442.15	Before	Interior Girder 2	217.0321	0.95	1	1	7.932073
SU4_str	BOBJ1	442.15	Before	Right Exterior Girder	217.0321	0.95	1	1	9.311199
SU4_str	BOBJ1	442.15	After	Left Exterior Girder	217.0321	0.95	1	1	4.822851
SU4_str	BOBJ1	442.15	After	Interior Girder 1	217.0321	0.95	1	1	4.036467
SU4_str	BOBJ1	442.15	After	Interior Girder 2	217.0321	0.95	1	1	4.036467
SU4_str	BOBJ1	442.15	After	Right Exterior Girder	217.0321	0.95	1	1	4.822851
SU4_str	BOBJ1	453.6	Before	Left Exterior Girder	228.6	0.95	1	1	6.722441
SU4_str	BOBJ1	453.6	Before	Interior Girder 1	228.6	0.95	1	1	5.585303
SU4_str	BOBJ1	453.6	Before	Interior Girder 2	228.6	0.95	1	1	5.585303
SU4_str	BOBJ1	453.6	Before	Right Exterior Girder	228.6	0.95	1	1	6.722441
SU4_str	BOBJ1	453.6	After	Left Exterior Girder	228.6	0.95	1	1	6.643235
SU4_str	BOBJ1	453.6	After	Interior Girder 1	228.6	0.95	1	1	5.610965
SU4_str	BOBJ1	453.6	After	Interior Girder 2	228.6	0.95	1	1	5.610965
SU4_str	BOBJ1	453.6	After	Right Exterior Girder	228.6	0.95	1	1	6.643234
SU4_str	BOBJ1	463.0439	Before	Left Exterior Girder	238.0439	0.95	1	1	8.985971
SU4_str	BOBJ1	463.0439	Before	Interior Girder 1	238.0439	0.95	1	1	7.312306
SU4_str	BOBJ1	463.0439	Before	Interior Girder 2	238.0439	0.95	1	1	7.312307
SU4_str	BOBJ1	463.0439	Before	Right Exterior Girder	238.0439	0.95	1	1	8.985971
SU4_str	BOBJ1	463.0439	After	Left Exterior Girder	238.0439	0.95	1	1	3.43551
SU4_str	BOBJ1	463.0439	After	Interior Girder 1	238.0439	0.95	1	1	2.758435
SU4_str	BOBJ1	463.0439	After	Interior Girder 2	238.0439	0.95	1	1	2.758435
SU4_str	BOBJ1	463.0439	After	Right Exterior Girder	238.0439	0.95	1	1	3.435509
SU4_str	BOBJ1	465	Before	Left Exterior Girder	240	0.95	1	1	3.881452
SU4_str	BOBJ1	465	Before	Interior Girder 1	240	0.95	1	1	3.07803
SU4_str	BOBJ1	465	Before	Interior Girder 2	240	0.95	1	1	3.07803
SU4_str	BOBJ1	465	Before	Right Exterior Girder	240	0.95	1	1	3.881451
SU4_str	BOBJ1	465	After	Left Exterior Girder	240	0.95	1	1	3.88341
SU4_str	BOBJ1	465	After	Interior Girder 1	240	0.95	1	1	3.079049
SU4_str	BOBJ1	465	After	Interior Girder 2	240	0.95	1	1	3.079049
SU4_str	BOBJ1	465	After	Right Exterior Girder	240	0.95	1	1	3.88341

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelNonCompStrgth-Flx - Main Span Girders									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
SU4_str	BOBJ1	476.4	Before	Left Exterior Girder	251.4	0.95	1	1	7.117668
SU4_str	BOBJ1	476.4	Before	Interior Girder 1	251.4	0.95	1	1	5.510555
SU4_str	BOBJ1	476.4	Before	Interior Girder 2	251.4	0.95	1	1	5.510556
SU4_str	BOBJ1	476.4	Before	Right Exterior Girder	251.4	0.95	1	1	7.117667
SU4_str	BOBJ1	476.4	After	Left Exterior Girder	251.4	0.95	1	1	6.896909
SU4_str	BOBJ1	476.4	After	Interior Girder 1	251.4	0.95	1	1	5.428857
SU4_str	BOBJ1	476.4	After	Interior Girder 2	251.4	0.95	1	1	5.428858
SU4_str	BOBJ1	476.4	After	Right Exterior Girder	251.4	0.95	1	1	6.896909
SU4_str	BOBJ1	487.85	Before	Left Exterior Girder	262.85	0.95	1	1	9.424538
SU4_str	BOBJ1	487.85	Before	Interior Girder 1	262.85	0.95	1	1	8.899916
SU4_str	BOBJ1	487.85	Before	Interior Girder 2	262.85	0.95	1	1	8.899917
SU4_str	BOBJ1	487.85	Before	Right Exterior Girder	262.85	0.95	1	1	9.424538
SU4_str	BOBJ1	487.85	After	Left Exterior Girder	262.85	0.95	1	1	9.437957
SU4_str	BOBJ1	487.85	After	Interior Girder 1	262.85	0.95	1	1	8.880281
SU4_str	BOBJ1	487.85	After	Interior Girder 2	262.85	0.95	1	1	8.880282
SU4_str	BOBJ1	487.85	After	Right Exterior Girder	262.85	0.95	1	1	9.437957
SU4_str	BOBJ1	496.3126	Before	Left Exterior Girder	271.3126	0.95	1	1	6.159881
SU4_str	BOBJ1	496.3126	Before	Interior Girder 1	271.3126	0.95	1	1	5.923352
SU4_str	BOBJ1	496.3126	Before	Interior Girder 2	271.3126	0.95	1	1	5.923352
SU4_str	BOBJ1	496.3126	Before	Right Exterior Girder	271.3126	0.95	1	1	6.159881
SU4_str	BOBJ1	496.3126	After	Left Exterior Girder	271.3126	0.95	1	1	14.311941
SU4_str	BOBJ1	496.3126	After	Interior Girder 1	271.3126	0.95	1	1	13.661577
SU4_str	BOBJ1	496.3126	After	Interior Girder 2	271.3126	0.95	1	1	13.661577
SU4_str	BOBJ1	496.3126	After	Right Exterior Girder	271.3126	0.95	1	1	14.311941
SU4_str	BOBJ1	499.3	Before	Left Exterior Girder	274.3	0.95	1	1	13.058807
SU4_str	BOBJ1	499.3	Before	Interior Girder 1	274.3	0.95	1	1	12.409843
SU4_str	BOBJ1	499.3	Before	Interior Girder 2	274.3	0.95	1	1	12.409843
SU4_str	BOBJ1	499.3	Before	Right Exterior Girder	274.3	0.95	1	1	13.058807
SU4_str	BOBJ1	499.3	After	Left Exterior Girder	274.3	0.95	1	1	11.137643
SU4_str	BOBJ1	499.3	After	Interior Girder 1	274.3	0.95	1	1	10.587684
SU4_str	BOBJ1	499.3	After	Interior Girder 2	274.3	0.95	1	1	10.587684
SU4_str	BOBJ1	499.3	After	Right Exterior Girder	274.3	0.95	1	1	11.137643
SU4_str	BOBJ1	503.8969	Before	Left Exterior Girder	278.8969	0.95	1	1	9.292371
SU4_str	BOBJ1	503.8969	Before	Interior Girder 1	278.8969	0.95	1	1	8.740659
SU4_str	BOBJ1	503.8969	Before	Interior Girder 2	278.8969	0.95	1	1	8.740659
SU4_str	BOBJ1	503.8969	Before	Right Exterior Girder	278.8969	0.95	1	1	9.292371
SU4_str	BOBJ1	503.8969	After	Left Exterior Girder	278.8969	0.95	1	1	17.944705
SU4_str	BOBJ1	503.8969	After	Interior Girder 1	278.8969	0.95	1	1	16.861232
SU4_str	BOBJ1	503.8969	After	Interior Girder 2	278.8969	0.95	1	1	16.861231
SU4_str	BOBJ1	503.8969	After	Right Exterior Girder	278.8969	0.95	1	1	17.944705
SU4_str	BOBJ1	510.7	Before	Left Exterior Girder	285.7	0.95	1	1	15.013344
SU4_str	BOBJ1	510.7	Before	Interior Girder 1	285.7	0.95	1	1	13.879406
SU4_str	BOBJ1	510.7	Before	Interior Girder 2	285.7	0.95	1	1	13.879405
SU4_str	BOBJ1	510.7	Before	Right Exterior Girder	285.7	0.95	1	1	15.013344
SU4_str	BOBJ1	510.7	After	Left Exterior Girder	285.7	0.95	1	1	15.023843
SU4_str	BOBJ1	510.7	After	Interior Girder 1	285.7	0.95	1	1	13.870044
SU4_str	BOBJ1	510.7	After	Interior Girder 2	285.7	0.95	1	1	13.870043
SU4_str	BOBJ1	510.7	After	Right Exterior Girder	285.7	0.95	1	1	15.023843
SU4_str	BOBJ1	511.4811	Before	Left Exterior Girder	286.4811	0.95	1	1	14.679743
SU4_str	BOBJ1	511.4811	Before	Interior Girder 1	286.4811	0.95	1	1	13.541544
SU4_str	BOBJ1	511.4811	Before	Interior Girder 2	286.4811	0.95	1	1	13.541544
SU4_str	BOBJ1	511.4811	Before	Right Exterior Girder	286.4811	0.95	1	1	14.679743
SU4_str	BOBJ1	511.4811	After	Left Exterior Girder	286.4811	0.95	1	1	21.632675
SU4_str	BOBJ1	511.4811	After	Interior Girder 1	286.4811	0.95	1	1	20.11929
SU4_str	BOBJ1	511.4811	After	Interior Girder 2	286.4811	0.95	1	1	20.119289
SU4_str	BOBJ1	511.4811	After	Right Exterior Girder	286.4811	0.95	1	1	21.632676
SU4_str	BOBJ1	522.1	Before	Left Exterior Girder	297.1	0.95	1	1	15.08633
SU4_str	BOBJ1	522.1	Before	Interior Girder 1	297.1	0.95	1	1	15.240687
SU4_str	BOBJ1	522.1	Before	Interior Girder 2	297.1	0.95	1	1	15.240686
SU4_str	BOBJ1	522.1	Before	Right Exterior Girder	297.1	0.95	1	1	15.08633
SU4_str	BOBJ1	522.1	After	Left Exterior Girder	297.1	0.95	1	1	15.502544
SU4_str	BOBJ1	522.1	After	Interior Girder 1	297.1	0.95	1	1	15.256768
SU4_str	BOBJ1	522.1	After	Interior Girder 2	297.1	0.95	1	1	15.256767
SU4_str	BOBJ1	522.1	After	Right Exterior Girder	297.1	0.95	1	1	15.502544
SU4_str	BOBJ1	530.4918	Before	Left Exterior Girder	305.4918	0.95	1	1	10.170334
SU4_str	BOBJ1	530.4918	Before	Interior Girder 1	305.4918	0.95	1	1	10.103592
SU4_str	BOBJ1	530.4918	Before	Interior Girder 2	305.4918	0.95	1	1	10.103593
SU4_str	BOBJ1	530.4918	Before	Right Exterior Girder	305.4918	0.95	1	1	10.170334

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelNonCompStrgth-Flx - Main Span Girders

Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
SU4_str	BOBJ1	530.4918	After	Left Exterior Girder	305.4918	0.95	1	1	15.491674
SU4_str	BOBJ1	530.4918	After	Interior Girder 1	305.4918	0.95	1	1	15.397931
SU4_str	BOBJ1	530.4918	After	Interior Girder 2	305.4918	0.95	1	1	15.397933
SU4_str	BOBJ1	530.4918	After	Right Exterior Girder	305.4918	0.95	1	1	15.491674
SU4_str	BOBJ1	533.55	Before	Left Exterior Girder	308.55	0.95	1	1	13.486681
SU4_str	BOBJ1	533.55	Before	Interior Girder 1	308.55	0.95	1	1	13.323943
SU4_str	BOBJ1	533.55	Before	Interior Girder 2	308.55	0.95	1	1	13.323944
SU4_str	BOBJ1	533.55	Before	Right Exterior Girder	308.55	0.95	1	1	13.48668
SU4_str	BOBJ1	533.55	After	Left Exterior Girder	308.55	0.95	1	1	13.458436
SU4_str	BOBJ1	533.55	After	Interior Girder 1	308.55	0.95	1	1	13.317661
SU4_str	BOBJ1	533.55	After	Interior Girder 2	308.55	0.95	1	1	13.317662
SU4_str	BOBJ1	533.55	After	Right Exterior Girder	308.55	0.95	1	1	13.458435
SU4_str	BOBJ1	545	Before	Left Exterior Girder	320	0.95	1	1	7.576037
SU4_str	BOBJ1	545	Before	Interior Girder 1	320	0.95	1	1	6.918598
SU4_str	BOBJ1	545	Before	Interior Girder 2	320	0.95	1	1	6.918599
SU4_str	BOBJ1	545	Before	Right Exterior Girder	320	0.95	1	1	7.576036
SU4_str	BOBJ1	545	After	Left Exterior Girder	0	0.95	1	1	8.036169
SU4_str	BOBJ1	545	After	Interior Girder 1	0	0.95	1	1	7.207468
SU4_str	BOBJ1	545	After	Interior Girder 2	0	0.95	1	1	7.207468
SU4_str	BOBJ1	545	After	Right Exterior Girder	0	0.95	1	1	8.036168
SU4_str	BOBJ1	556.25	Before	Left Exterior Girder	11.25	0.95	1	1	13.33461
SU4_str	BOBJ1	556.25	Before	Interior Girder 1	11.25	0.95	1	1	12.51567
SU4_str	BOBJ1	556.25	Before	Interior Girder 2	11.25	0.95	1	1	12.51567
SU4_str	BOBJ1	556.25	Before	Right Exterior Girder	11.25	0.95	1	1	13.334609
SU4_str	BOBJ1	556.25	After	Left Exterior Girder	11.25	0.95	1	1	13.349908
SU4_str	BOBJ1	556.25	After	Interior Girder 1	11.25	0.95	1	1	12.539473
SU4_str	BOBJ1	556.25	After	Interior Girder 2	11.25	0.95	1	1	12.539473
SU4_str	BOBJ1	556.25	After	Right Exterior Girder	11.25	0.95	1	1	13.349908
SU4_str	BOBJ1	559.4358	Before	Left Exterior Girder	14.4358	0.95	1	1	15.003227
SU4_str	BOBJ1	559.4358	Before	Interior Girder 1	14.4358	0.95	1	1	14.313552
SU4_str	BOBJ1	559.4358	Before	Interior Girder 2	14.4358	0.95	1	1	14.313552
SU4_str	BOBJ1	559.4358	Before	Right Exterior Girder	14.4358	0.95	1	1	15.003227
SU4_str	BOBJ1	559.4358	After	Left Exterior Girder	14.4358	0.95	1	1	9.756524
SU4_str	BOBJ1	559.4358	After	Interior Girder 1	14.4358	0.95	1	1	9.278872
SU4_str	BOBJ1	559.4358	After	Interior Girder 2	14.4358	0.95	1	1	9.278872
SU4_str	BOBJ1	559.4358	After	Right Exterior Girder	14.4358	0.95	1	1	9.756524
SU4_str	BOBJ1	567.5	Before	Left Exterior Girder	22.5	0.95	1	1	13.469265
SU4_str	BOBJ1	567.5	Before	Interior Girder 1	22.5	0.95	1	1	12.350596
SU4_str	BOBJ1	567.5	Before	Interior Girder 2	22.5	0.95	1	1	12.350596
SU4_str	BOBJ1	567.5	Before	Right Exterior Girder	22.5	0.95	1	1	13.469264
SU4_str	BOBJ1	567.5	After	Left Exterior Girder	22.5	0.95	1	1	14.282199
SU4_str	BOBJ1	567.5	After	Interior Girder 1	22.5	0.95	1	1	13.300473
SU4_str	BOBJ1	567.5	After	Interior Girder 2	22.5	0.95	1	1	13.300473
SU4_str	BOBJ1	567.5	After	Right Exterior Girder	22.5	0.95	1	1	14.282199
SU4_str	BOBJ1	570.0586	Before	Left Exterior Girder	25.0586	0.95	1	1	15.595417
SU4_str	BOBJ1	570.0586	Before	Interior Girder 1	25.0586	0.95	1	1	14.206762
SU4_str	BOBJ1	570.0586	Before	Interior Girder 2	25.0586	0.95	1	1	14.206762
SU4_str	BOBJ1	570.0586	Before	Right Exterior Girder	25.0586	0.95	1	1	15.595417
SU4_str	BOBJ1	570.0586	After	Left Exterior Girder	25.0586	0.95	1	1	9.297578
SU4_str	BOBJ1	570.0586	After	Interior Girder 1	25.0586	0.95	1	1	8.450191
SU4_str	BOBJ1	570.0586	After	Interior Girder 2	25.0586	0.95	1	1	8.450191
SU4_str	BOBJ1	570.0586	After	Right Exterior Girder	25.0586	0.95	1	1	9.297578
SU4_str	BOBJ1	578.75	Before	Left Exterior Girder	33.75	0.95	1	1	12.272961
SU4_str	BOBJ1	578.75	Before	Interior Girder 1	33.75	0.95	1	1	11.301749
SU4_str	BOBJ1	578.75	Before	Interior Girder 2	33.75	0.95	1	1	11.301749
SU4_str	BOBJ1	578.75	Before	Right Exterior Girder	33.75	0.95	1	1	12.27296
SU4_str	BOBJ1	578.75	After	Left Exterior Girder	33.75	0.95	1	1	12.243122
SU4_str	BOBJ1	578.75	After	Interior Girder 1	33.75	0.95	1	1	11.32279
SU4_str	BOBJ1	578.75	After	Interior Girder 2	33.75	0.95	1	1	11.32279
SU4_str	BOBJ1	578.75	After	Right Exterior Girder	33.75	0.95	1	1	12.243122
SU4_str	BOBJ1	586.8142	Before	Left Exterior Girder	41.8142	0.95	1	1	14.94789
SU4_str	BOBJ1	586.8142	Before	Interior Girder 1	41.8142	0.95	1	1	14.065567
SU4_str	BOBJ1	586.8142	Before	Interior Girder 2	41.8142	0.95	1	1	14.065567
SU4_str	BOBJ1	586.8142	Before	Right Exterior Girder	41.8142	0.95	1	1	14.94789
SU4_str	BOBJ1	586.8142	After	Left Exterior Girder	41.8142	0.95	1	1	6.918585
SU4_str	BOBJ1	586.8142	After	Interior Girder 1	41.8142	0.95	1	1	6.502399
SU4_str	BOBJ1	586.8142	After	Interior Girder 2	41.8142	0.95	1	1	6.502399
SU4_str	BOBJ1	586.8142	After	Right Exterior Girder	41.8142	0.95	1	1	6.918585

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelNonCompStrgth-Flx - Main Span Girders									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
SU4_str	BOBJ1	590	Before	Left Exterior Girder	45	0.95	1	1	7.867734
SU4_str	BOBJ1	590	Before	Interior Girder 1	45	0.95	1	1	7.457141
SU4_str	BOBJ1	590	Before	Interior Girder 2	45	0.95	1	1	7.457141
SU4_str	BOBJ1	590	Before	Right Exterior Girder	45	0.95	1	1	7.867734
SU4_str	BOBJ1	590	After	Left Exterior Girder	45	0.95	1	1	5.159217
SU4_str	BOBJ1	590	After	Interior Girder 1	45	0.95	1	1	4.928065
SU4_str	BOBJ1	590	After	Interior Girder 2	45	0.95	1	1	4.928065
SU4_str	BOBJ1	590	After	Right Exterior Girder	45	0.95	1	1	5.159217
SU4_str	BOBJ1	601.25	Before	Left Exterior Girder	56.25	0.95	1	1	8.420625
SU4_str	BOBJ1	601.25	Before	Interior Girder 1	56.25	0.95	1	1	8.16458
SU4_str	BOBJ1	601.25	Before	Interior Girder 2	56.25	0.95	1	1	8.16458
SU4_str	BOBJ1	601.25	Before	Right Exterior Girder	56.25	0.95	1	1	8.420625
SU4_str	BOBJ1	601.25	After	Left Exterior Girder	56.25	0.95	1	1	8.402626
SU4_str	BOBJ1	601.25	After	Interior Girder 1	56.25	0.95	1	1	8.181102
SU4_str	BOBJ1	601.25	After	Interior Girder 2	56.25	0.95	1	1	8.181102
SU4_str	BOBJ1	601.25	After	Right Exterior Girder	56.25	0.95	1	1	8.402625
SU4_str	BOBJ1	601.7478	Before	Left Exterior Girder	56.7478	0.95	1	1	8.550045
SU4_str	BOBJ1	601.7478	Before	Interior Girder 1	56.7478	0.95	1	1	8.328956
SU4_str	BOBJ1	601.7478	Before	Interior Girder 2	56.7478	0.95	1	1	8.328956
SU4_str	BOBJ1	601.7478	Before	Right Exterior Girder	56.7478	0.95	1	1	8.550045
SU4_str	BOBJ1	601.7478	After	Left Exterior Girder	56.7478	0.95	1	1	2.717844
SU4_str	BOBJ1	601.7478	After	Interior Girder 1	56.7478	0.95	1	1	2.676432
SU4_str	BOBJ1	601.7478	After	Interior Girder 2	56.7478	0.95	1	1	2.676432
SU4_str	BOBJ1	601.7478	After	Right Exterior Girder	56.7478	0.95	1	1	2.717844
SU4_str	BOBJ1	612.5	Before	Left Exterior Girder	67.5	0.95	1	1	5.573335
SU4_str	BOBJ1	612.5	Before	Interior Girder 1	67.5	0.95	1	1	5.521478
SU4_str	BOBJ1	612.5	Before	Interior Girder 2	67.5	0.95	1	1	5.521478
SU4_str	BOBJ1	612.5	Before	Right Exterior Girder	67.5	0.95	1	1	5.573334
SU4_str	BOBJ1	612.5	After	Left Exterior Girder	67.5	0.95	1	1	7.844341
SU4_str	BOBJ1	612.5	After	Interior Girder 1	67.5	0.95	1	1	7.811562
SU4_str	BOBJ1	612.5	After	Interior Girder 2	67.5	0.95	1	1	7.811562
SU4_str	BOBJ1	612.5	After	Right Exterior Girder	67.5	0.95	1	1	7.844341
SU4_str	BOBJ1	623.75	Before	Left Exterior Girder	78.75	0.95	1	1	7.057343
SU4_str	BOBJ1	623.75	Before	Interior Girder 1	78.75	0.95	1	1	5.806622
SU4_str	BOBJ1	623.75	Before	Interior Girder 2	78.75	0.95	1	1	5.806622
SU4_str	BOBJ1	623.75	Before	Right Exterior Girder	78.75	0.95	1	1	7.057343
SU4_str	BOBJ1	623.75	After	Left Exterior Girder	78.75	0.95	1	1	7.062028
SU4_str	BOBJ1	623.75	After	Interior Girder 1	78.75	0.95	1	1	5.799591
SU4_str	BOBJ1	623.75	After	Interior Girder 2	78.75	0.95	1	1	5.799591
SU4_str	BOBJ1	623.75	After	Right Exterior Girder	78.75	0.95	1	1	7.062028
SU4_str	BOBJ1	635	Before	Left Exterior Girder	90	0.95	1	1	4.946112
SU4_str	BOBJ1	635	Before	Interior Girder 1	90	0.95	1	1	4.270938
SU4_str	BOBJ1	635	Before	Interior Girder 2	90	0.95	1	1	4.270938
SU4_str	BOBJ1	635	Before	Right Exterior Girder	90	0.95	1	1	4.946112
SU4_str	BOBJ1	635	After	Left Exterior Girder	90	0.95	1	1	5.029337
SU4_str	BOBJ1	635	After	Interior Girder 1	90	0.95	1	1	4.288961
SU4_str	BOBJ1	635	After	Interior Girder 2	90	0.95	1	1	4.288961
SU4_str	BOBJ1	635	After	Right Exterior Girder	90	0.95	1	1	5.029337
SU4_str	BOBJ1	643.5619	Before	Left Exterior Girder	98.5619	0.95	1	1	3.937037
SU4_str	BOBJ1	643.5619	Before	Interior Girder 1	98.5619	0.95	1	1	3.387453
SU4_str	BOBJ1	643.5619	Before	Interior Girder 2	98.5619	0.95	1	1	3.387452
SU4_str	BOBJ1	643.5619	Before	Right Exterior Girder	98.5619	0.95	1	1	3.937037
SU4_str	BOBJ1	643.5619	After	Left Exterior Girder	98.5619	0.95	1	1	7.450581
SU4_str	BOBJ1	643.5619	After	Interior Girder 1	98.5619	0.95	1	1	6.405995
SU4_str	BOBJ1	643.5619	After	Interior Girder 2	98.5619	0.95	1	1	6.405995
SU4_str	BOBJ1	643.5619	After	Right Exterior Girder	98.5619	0.95	1	1	7.450581
SU4_str	BOBJ1	646.25	Before	Left Exterior Girder	101.25	0.95	1	1	7.088665
SU4_str	BOBJ1	646.25	Before	Interior Girder 1	101.25	0.95	1	1	6.121564
SU4_str	BOBJ1	646.25	Before	Interior Girder 2	101.25	0.95	1	1	6.121563
SU4_str	BOBJ1	646.25	Before	Right Exterior Girder	101.25	0.95	1	1	7.088666
SU4_str	BOBJ1	646.25	After	Left Exterior Girder	101.25	0.95	1	1	7.082915
SU4_str	BOBJ1	646.25	After	Interior Girder 1	101.25	0.95	1	1	6.121681
SU4_str	BOBJ1	646.25	After	Interior Girder 2	101.25	0.95	1	1	6.12168
SU4_str	BOBJ1	646.25	After	Right Exterior Girder	101.25	0.95	1	1	7.082915
SU4_str	BOBJ1	657.5	Before	Left Exterior Girder	112.5	0.95	1	1	5.875
SU4_str	BOBJ1	657.5	Before	Interior Girder 1	112.5	0.95	1	1	5.222468
SU4_str	BOBJ1	657.5	Before	Interior Girder 2	112.5	0.95	1	1	5.222468
SU4_str	BOBJ1	657.5	Before	Right Exterior Girder	112.5	0.95	1	1	5.875

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelNonCompStrgth-Flx - Main Span Girders

Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
SU4_str	BOBJ1	657.5	After	Left Exterior Girder	112.5	0.95	1	1	5.909454
SU4_str	BOBJ1	657.5	After	Interior Girder 1	112.5	0.95	1	1	5.224476
SU4_str	BOBJ1	657.5	After	Interior Girder 2	112.5	0.95	1	1	5.224475
SU4_str	BOBJ1	657.5	After	Right Exterior Girder	112.5	0.95	1	1	5.909454
SU4_str	BOBJ1	668.75	Before	Left Exterior Girder	123.75	0.95	1	1	5.201813
SU4_str	BOBJ1	668.75	Before	Interior Girder 1	123.75	0.95	1	1	4.564357
SU4_str	BOBJ1	668.75	Before	Interior Girder 2	123.75	0.95	1	1	4.564357
SU4_str	BOBJ1	668.75	Before	Right Exterior Girder	123.75	0.95	1	1	5.201813
SU4_str	BOBJ1	668.75	After	Left Exterior Girder	123.75	0.95	1	1	5.209268
SU4_str	BOBJ1	668.75	After	Interior Girder 1	123.75	0.95	1	1	4.565328
SU4_str	BOBJ1	668.75	After	Interior Girder 2	123.75	0.95	1	1	4.565328
SU4_str	BOBJ1	668.75	After	Right Exterior Girder	123.75	0.95	1	1	5.209268
SU4_str	BOBJ1	680	Before	Left Exterior Girder	135	0.95	1	1	4.776356
SU4_str	BOBJ1	680	Before	Interior Girder 1	135	0.95	1	1	4.258258
SU4_str	BOBJ1	680	Before	Interior Girder 2	135	0.95	1	1	4.258258
SU4_str	BOBJ1	680	Before	Right Exterior Girder	135	0.95	1	1	4.776355
SU4_str	BOBJ1	680	After	Left Exterior Girder	135	0.95	1	1	4.77519
SU4_str	BOBJ1	680	After	Interior Girder 1	135	0.95	1	1	4.268195
SU4_str	BOBJ1	680	After	Interior Girder 2	135	0.95	1	1	4.268195
SU4_str	BOBJ1	680	After	Right Exterior Girder	135	0.95	1	1	4.77519
SU4_str	BOBJ1	691.25	Before	Left Exterior Girder	146.25	0.95	1	1	4.692685
SU4_str	BOBJ1	691.25	Before	Interior Girder 1	146.25	0.95	1	1	4.10132
SU4_str	BOBJ1	691.25	Before	Interior Girder 2	146.25	0.95	1	1	4.10132
SU4_str	BOBJ1	691.25	Before	Right Exterior Girder	146.25	0.95	1	1	4.692685
SU4_str	BOBJ1	691.25	After	Left Exterior Girder	146.25	0.95	1	1	4.69716
SU4_str	BOBJ1	691.25	After	Interior Girder 1	146.25	0.95	1	1	4.100882
SU4_str	BOBJ1	691.25	After	Interior Girder 2	146.25	0.95	1	1	4.100883
SU4_str	BOBJ1	691.25	After	Right Exterior Girder	146.25	0.95	1	1	4.69716
SU4_str	BOBJ1	702.5	Before	Left Exterior Girder	157.5	0.95	1	1	4.884129
SU4_str	BOBJ1	702.5	Before	Interior Girder 1	157.5	0.95	1	1	4.251817
SU4_str	BOBJ1	702.5	Before	Interior Girder 2	157.5	0.95	1	1	4.251817
SU4_str	BOBJ1	702.5	Before	Right Exterior Girder	157.5	0.95	1	1	4.884129
SU4_str	BOBJ1	702.5	After	Left Exterior Girder	157.5	0.95	1	1	4.843445
SU4_str	BOBJ1	702.5	After	Interior Girder 1	157.5	0.95	1	1	4.272374
SU4_str	BOBJ1	702.5	After	Interior Girder 2	157.5	0.95	1	1	4.272374
SU4_str	BOBJ1	702.5	After	Right Exterior Girder	157.5	0.95	1	1	4.843445
SU4_str	BOBJ1	713.75	Before	Left Exterior Girder	168.75	0.95	1	1	5.479193
SU4_str	BOBJ1	713.75	Before	Interior Girder 1	168.75	0.95	1	1	4.617757
SU4_str	BOBJ1	713.75	Before	Interior Girder 2	168.75	0.95	1	1	4.617757
SU4_str	BOBJ1	713.75	Before	Right Exterior Girder	168.75	0.95	1	1	5.479192
SU4_str	BOBJ1	713.75	After	Left Exterior Girder	168.75	0.95	1	1	5.480059
SU4_str	BOBJ1	713.75	After	Interior Girder 1	168.75	0.95	1	1	4.621502
SU4_str	BOBJ1	713.75	After	Interior Girder 2	168.75	0.95	1	1	4.621502
SU4_str	BOBJ1	713.75	After	Right Exterior Girder	168.75	0.95	1	1	5.480058
SU4_str	BOBJ1	725	Before	Left Exterior Girder	180	0.95	1	1	6.670376
SU4_str	BOBJ1	725	Before	Interior Girder 1	180	0.95	1	1	5.470666
SU4_str	BOBJ1	725	Before	Interior Girder 2	180	0.95	1	1	5.470666
SU4_str	BOBJ1	725	Before	Right Exterior Girder	180	0.95	1	1	6.670375
SU4_str	BOBJ1	725	After	Left Exterior Girder	180	0.95	1	1	6.594249
SU4_str	BOBJ1	725	After	Interior Girder 1	180	0.95	1	1	5.524001
SU4_str	BOBJ1	725	After	Interior Girder 2	180	0.95	1	1	5.524001
SU4_str	BOBJ1	725	After	Right Exterior Girder	180	0.95	1	1	6.594249
SU4_str	BOBJ1	731.1726	Before	Left Exterior Girder	186.1726	0.95	1	1	7.704113
SU4_str	BOBJ1	731.1726	Before	Interior Girder 1	186.1726	0.95	1	1	6.181599
SU4_str	BOBJ1	731.1726	Before	Interior Girder 2	186.1726	0.95	1	1	6.181599
SU4_str	BOBJ1	731.1726	Before	Right Exterior Girder	186.1726	0.95	1	1	7.704113
SU4_str	BOBJ1	731.1726	After	Left Exterior Girder	186.1726	0.95	1	1	3.308204
SU4_str	BOBJ1	731.1726	After	Interior Girder 1	186.1726	0.95	1	1	2.644473
SU4_str	BOBJ1	731.1726	After	Interior Girder 2	186.1726	0.95	1	1	2.644473
SU4_str	BOBJ1	731.1726	After	Right Exterior Girder	186.1726	0.95	1	1	3.308204
SU4_str	BOBJ1	736.25	Before	Left Exterior Girder	191.25	0.95	1	1	4.075929
SU4_str	BOBJ1	736.25	Before	Interior Girder 1	191.25	0.95	1	1	3.132636
SU4_str	BOBJ1	736.25	Before	Interior Girder 2	191.25	0.95	1	1	3.132636
SU4_str	BOBJ1	736.25	Before	Right Exterior Girder	191.25	0.95	1	1	4.075929
SU4_str	BOBJ1	736.25	After	Left Exterior Girder	191.25	0.95	1	1	4.064103
SU4_str	BOBJ1	736.25	After	Interior Girder 1	191.25	0.95	1	1	3.133486
SU4_str	BOBJ1	736.25	After	Interior Girder 2	191.25	0.95	1	1	3.133486
SU4_str	BOBJ1	736.25	After	Right Exterior Girder	191.25	0.95	1	1	4.064103

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelNonCompStrgth-Flx - Main Span Girders									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
SU4_str	BOBJ1	747.5	Before	Left Exterior Girder	202.5	0.95	1	1	7.05499
SU4_str	BOBJ1	747.5	Before	Interior Girder 1	202.5	0.95	1	1	5.075489
SU4_str	BOBJ1	747.5	Before	Interior Girder 2	202.5	0.95	1	1	5.075489
SU4_str	BOBJ1	747.5	Before	Right Exterior Girder	202.5	0.95	1	1	7.05499
SU4_str	BOBJ1	747.5	After	Left Exterior Girder	202.5	0.95	1	1	6.769253
SU4_str	BOBJ1	747.5	After	Interior Girder 1	202.5	0.95	1	1	5.012129
SU4_str	BOBJ1	747.5	After	Interior Girder 2	202.5	0.95	1	1	5.012129
SU4_str	BOBJ1	747.5	After	Right Exterior Girder	202.5	0.95	1	1	6.769252
SU4_str	BOBJ1	758.75	Before	Left Exterior Girder	213.75	0.95	1	1	15.904262
SU4_str	BOBJ1	758.75	Before	Interior Girder 1	213.75	0.95	1	1	10.389656
SU4_str	BOBJ1	758.75	Before	Interior Girder 2	213.75	0.95	1	1	10.389656
SU4_str	BOBJ1	758.75	Before	Right Exterior Girder	213.75	0.95	1	1	15.904257
SU4_str	BOBJ1	758.75	After	Left Exterior Girder	213.75	0.95	1	1	15.86572
SU4_str	BOBJ1	758.75	After	Interior Girder 1	213.75	0.95	1	1	10.267321
SU4_str	BOBJ1	758.75	After	Interior Girder 2	213.75	0.95	1	1	10.267322
SU4_str	BOBJ1	758.75	After	Right Exterior Girder	213.75	0.95	1	1	15.865715
SU4_str	BOBJ1	770	Before	Left Exterior Girder	225	0.95	1	1	334.034807
SU4_str	BOBJ1	770	Before	Interior Girder 1	225	0.95	1	1	275.770396
SU4_str	BOBJ1	770	Before	Interior Girder 2	225	0.95	1	1	275.769418
SU4_str	BOBJ1	770	Before	Right Exterior Girder	225	0.95	1	1	334.036477
SU5_str	BOBJ1	0	After	Left Exterior Girder	0	0.95	1	1	291.38595
SU5_str	BOBJ1	0	After	Interior Girder 1	0	0.95	1	1	241.246736
SU5_str	BOBJ1	0	After	Interior Girder 2	0	0.95	1	1	241.246463
SU5_str	BOBJ1	0	After	Right Exterior Girder	0	0.95	1	1	291.38594
SU5_str	BOBJ1	11.25	Before	Left Exterior Girder	11.25	0.95	1	1	13.97654
SU5_str	BOBJ1	11.25	Before	Interior Girder 1	11.25	0.95	1	1	9.16295
SU5_str	BOBJ1	11.25	Before	Interior Girder 2	11.25	0.95	1	1	9.162951
SU5_str	BOBJ1	11.25	Before	Right Exterior Girder	11.25	0.95	1	1	13.976539
SU5_str	BOBJ1	11.25	After	Left Exterior Girder	11.25	0.95	1	1	14.015386
SU5_str	BOBJ1	11.25	After	Interior Girder 1	11.25	0.95	1	1	9.281896
SU5_str	BOBJ1	11.25	After	Interior Girder 2	11.25	0.95	1	1	9.281897
SU5_str	BOBJ1	11.25	After	Right Exterior Girder	11.25	0.95	1	1	14.015385
SU5_str	BOBJ1	22.5	Before	Left Exterior Girder	22.5	0.95	1	1	5.956338
SU5_str	BOBJ1	22.5	Before	Interior Girder 1	22.5	0.95	1	1	4.466414
SU5_str	BOBJ1	22.5	Before	Interior Girder 2	22.5	0.95	1	1	4.466415
SU5_str	BOBJ1	22.5	Before	Right Exterior Girder	22.5	0.95	1	1	5.956338
SU5_str	BOBJ1	22.5	After	Left Exterior Girder	22.5	0.95	1	1	6.209654
SU5_str	BOBJ1	22.5	After	Interior Girder 1	22.5	0.95	1	1	4.525414
SU5_str	BOBJ1	22.5	After	Interior Girder 2	22.5	0.95	1	1	4.525415
SU5_str	BOBJ1	22.5	After	Right Exterior Girder	22.5	0.95	1	1	6.209654
SU5_str	BOBJ1	33.75	Before	Left Exterior Girder	33.75	0.95	1	1	3.573312
SU5_str	BOBJ1	33.75	Before	Interior Girder 1	33.75	0.95	1	1	2.776957
SU5_str	BOBJ1	33.75	Before	Interior Girder 2	33.75	0.95	1	1	2.776957
SU5_str	BOBJ1	33.75	Before	Right Exterior Girder	33.75	0.95	1	1	3.573312
SU5_str	BOBJ1	33.75	After	Left Exterior Girder	33.75	0.95	1	1	3.584104
SU5_str	BOBJ1	33.75	After	Interior Girder 1	33.75	0.95	1	1	2.776151
SU5_str	BOBJ1	33.75	After	Interior Girder 2	33.75	0.95	1	1	2.776151
SU5_str	BOBJ1	33.75	After	Right Exterior Girder	33.75	0.95	1	1	3.584104
SU5_str	BOBJ1	38.8274	Before	Left Exterior Girder	38.8274	0.95	1	1	2.909214
SU5_str	BOBJ1	38.8274	Before	Interior Girder 1	38.8274	0.95	1	1	2.339789
SU5_str	BOBJ1	38.8274	Before	Interior Girder 2	38.8274	0.95	1	1	2.339789
SU5_str	BOBJ1	38.8274	Before	Right Exterior Girder	38.8274	0.95	1	1	2.909215
SU5_str	BOBJ1	38.8274	After	Left Exterior Girder	38.8274	0.95	1	1	6.774413
SU5_str	BOBJ1	38.8274	After	Interior Girder 1	38.8274	0.95	1	1	5.471514
SU5_str	BOBJ1	38.8274	After	Interior Girder 2	38.8274	0.95	1	1	5.471514
SU5_str	BOBJ1	38.8274	After	Right Exterior Girder	38.8274	0.95	1	1	6.774413
SU5_str	BOBJ1	45	Before	Left Exterior Girder	45	0.95	1	1	5.794226
SU5_str	BOBJ1	45	Before	Interior Girder 1	45	0.95	1	1	4.885469
SU5_str	BOBJ1	45	Before	Interior Girder 2	45	0.95	1	1	4.88547
SU5_str	BOBJ1	45	Before	Right Exterior Girder	45	0.95	1	1	5.794226
SU5_str	BOBJ1	45	After	Left Exterior Girder	45	0.95	1	1	5.853412
SU5_str	BOBJ1	45	After	Interior Girder 1	45	0.95	1	1	4.84068
SU5_str	BOBJ1	45	After	Interior Girder 2	45	0.95	1	1	4.84068
SU5_str	BOBJ1	45	After	Right Exterior Girder	45	0.95	1	1	5.853413
SU5_str	BOBJ1	56.25	Before	Left Exterior Girder	56.25	0.95	1	1	4.812589
SU5_str	BOBJ1	56.25	Before	Interior Girder 1	56.25	0.95	1	1	4.090945
SU5_str	BOBJ1	56.25	Before	Interior Girder 2	56.25	0.95	1	1	4.090945
SU5_str	BOBJ1	56.25	Before	Right Exterior Girder	56.25	0.95	1	1	4.812589

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelINonCompStrgth-Flx - Main Span Girders									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
SU5_str	BOBJ1	56.25	After	Left Exterior Girder	56.25	0.95	1	1	4.811639
SU5_str	BOBJ1	56.25	After	Interior Girder 1	56.25	0.95	1	1	4.089628
SU5_str	BOBJ1	56.25	After	Interior Girder 2	56.25	0.95	1	1	4.089627
SU5_str	BOBJ1	56.25	After	Right Exterior Girder	56.25	0.95	1	1	4.811639
SU5_str	BOBJ1	67.5	Before	Left Exterior Girder	67.5	0.95	1	1	4.257925
SU5_str	BOBJ1	67.5	Before	Interior Girder 1	67.5	0.95	1	1	3.784814
SU5_str	BOBJ1	67.5	Before	Interior Girder 2	67.5	0.95	1	1	3.784813
SU5_str	BOBJ1	67.5	Before	Right Exterior Girder	67.5	0.95	1	1	4.257925
SU5_str	BOBJ1	67.5	After	Left Exterior Girder	67.5	0.95	1	1	4.296003
SU5_str	BOBJ1	67.5	After	Interior Girder 1	67.5	0.95	1	1	3.768816
SU5_str	BOBJ1	67.5	After	Interior Girder 2	67.5	0.95	1	1	3.768815
SU5_str	BOBJ1	67.5	After	Right Exterior Girder	67.5	0.95	1	1	4.296004
SU5_str	BOBJ1	78.75	Before	Left Exterior Girder	78.75	0.95	1	1	4.131716
SU5_str	BOBJ1	78.75	Before	Interior Girder 1	78.75	0.95	1	1	3.636685
SU5_str	BOBJ1	78.75	Before	Interior Girder 2	78.75	0.95	1	1	3.636684
SU5_str	BOBJ1	78.75	Before	Right Exterior Girder	78.75	0.95	1	1	4.131716
SU5_str	BOBJ1	78.75	After	Left Exterior Girder	78.75	0.95	1	1	4.127502
SU5_str	BOBJ1	78.75	After	Interior Girder 1	78.75	0.95	1	1	3.63883
SU5_str	BOBJ1	78.75	After	Interior Girder 2	78.75	0.95	1	1	3.638829
SU5_str	BOBJ1	78.75	After	Right Exterior Girder	78.75	0.95	1	1	4.127502
SU5_str	BOBJ1	90	Before	Left Exterior Girder	90	0.95	1	1	4.20413
SU5_str	BOBJ1	90	Before	Interior Girder 1	90	0.95	1	1	3.789099
SU5_str	BOBJ1	90	Before	Interior Girder 2	90	0.95	1	1	3.789099
SU5_str	BOBJ1	90	Before	Right Exterior Girder	90	0.95	1	1	4.20413
SU5_str	BOBJ1	90	After	Left Exterior Girder	90	0.95	1	1	4.206516
SU5_str	BOBJ1	90	After	Interior Girder 1	90	0.95	1	1	3.782217
SU5_str	BOBJ1	90	After	Interior Girder 2	90	0.95	1	1	3.782217
SU5_str	BOBJ1	90	After	Right Exterior Girder	90	0.95	1	1	4.206516
SU5_str	BOBJ1	101.25	Before	Left Exterior Girder	101.25	0.95	1	1	4.586179
SU5_str	BOBJ1	101.25	Before	Interior Girder 1	101.25	0.95	1	1	4.054343
SU5_str	BOBJ1	101.25	Before	Interior Girder 2	101.25	0.95	1	1	4.054343
SU5_str	BOBJ1	101.25	Before	Right Exterior Girder	101.25	0.95	1	1	4.586179
SU5_str	BOBJ1	101.25	After	Left Exterior Girder	101.25	0.95	1	1	4.580191
SU5_str	BOBJ1	101.25	After	Interior Girder 1	101.25	0.95	1	1	4.051404
SU5_str	BOBJ1	101.25	After	Interior Girder 2	101.25	0.95	1	1	4.051404
SU5_str	BOBJ1	101.25	After	Right Exterior Girder	101.25	0.95	1	1	4.580191
SU5_str	BOBJ1	112.5	Before	Left Exterior Girder	112.5	0.95	1	1	5.200666
SU5_str	BOBJ1	112.5	Before	Interior Girder 1	112.5	0.95	1	1	4.622771
SU5_str	BOBJ1	112.5	Before	Interior Girder 2	112.5	0.95	1	1	4.622771
SU5_str	BOBJ1	112.5	Before	Right Exterior Girder	112.5	0.95	1	1	5.200666
SU5_str	BOBJ1	112.5	After	Left Exterior Girder	112.5	0.95	1	1	5.169107
SU5_str	BOBJ1	112.5	After	Interior Girder 1	112.5	0.95	1	1	4.617928
SU5_str	BOBJ1	112.5	After	Interior Girder 2	112.5	0.95	1	1	4.617928
SU5_str	BOBJ1	112.5	After	Right Exterior Girder	112.5	0.95	1	1	5.169107
SU5_str	BOBJ1	123.75	Before	Left Exterior Girder	123.75	0.95	1	1	6.230333
SU5_str	BOBJ1	123.75	Before	Interior Girder 1	123.75	0.95	1	1	5.413955
SU5_str	BOBJ1	123.75	Before	Interior Girder 2	123.75	0.95	1	1	5.413956
SU5_str	BOBJ1	123.75	Before	Right Exterior Girder	123.75	0.95	1	1	6.230333
SU5_str	BOBJ1	123.75	After	Left Exterior Girder	123.75	0.95	1	1	6.234631
SU5_str	BOBJ1	123.75	After	Interior Girder 1	123.75	0.95	1	1	5.411805
SU5_str	BOBJ1	123.75	After	Interior Girder 2	123.75	0.95	1	1	5.411805
SU5_str	BOBJ1	123.75	After	Right Exterior Girder	123.75	0.95	1	1	6.234631
SU5_str	BOBJ1	126.4381	Before	Left Exterior Girder	126.4381	0.95	1	1	6.553129
SU5_str	BOBJ1	126.4381	Before	Interior Girder 1	126.4381	0.95	1	1	5.660442
SU5_str	BOBJ1	126.4381	Before	Interior Girder 2	126.4381	0.95	1	1	5.660443
SU5_str	BOBJ1	126.4381	Before	Right Exterior Girder	126.4381	0.95	1	1	6.553128
SU5_str	BOBJ1	126.4381	After	Left Exterior Girder	126.4381	0.95	1	1	3.462505
SU5_str	BOBJ1	126.4381	After	Interior Girder 1	126.4381	0.95	1	1	2.996421
SU5_str	BOBJ1	126.4381	After	Interior Girder 2	126.4381	0.95	1	1	2.996421
SU5_str	BOBJ1	126.4381	After	Right Exterior Girder	126.4381	0.95	1	1	3.462505
SU5_str	BOBJ1	135	Before	Left Exterior Girder	135	0.95	1	1	4.427187
SU5_str	BOBJ1	135	Before	Interior Girder 1	135	0.95	1	1	3.795096
SU5_str	BOBJ1	135	Before	Interior Girder 2	135	0.95	1	1	3.795096
SU5_str	BOBJ1	135	Before	Right Exterior Girder	135	0.95	1	1	4.427187
SU5_str	BOBJ1	135	After	Left Exterior Girder	135	0.95	1	1	4.351389
SU5_str	BOBJ1	135	After	Interior Girder 1	135	0.95	1	1	3.777006
SU5_str	BOBJ1	135	After	Interior Girder 2	135	0.95	1	1	3.777006
SU5_str	BOBJ1	135	After	Right Exterior Girder	135	0.95	1	1	4.351389

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelNonCompStrgth-Flx - Main Span Girders									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
SU5_str	BOBJ1	146.25	Before	Left Exterior Girder	146.25	0.95	1	1	6.222197
SU5_str	BOBJ1	146.25	Before	Interior Girder 1	146.25	0.95	1	1	5.140559
SU5_str	BOBJ1	146.25	Before	Interior Girder 2	146.25	0.95	1	1	5.140559
SU5_str	BOBJ1	146.25	Before	Right Exterior Girder	146.25	0.95	1	1	6.222197
SU5_str	BOBJ1	146.25	After	Left Exterior Girder	146.25	0.95	1	1	6.218373
SU5_str	BOBJ1	146.25	After	Interior Girder 1	146.25	0.95	1	1	5.145161
SU5_str	BOBJ1	146.25	After	Interior Girder 2	146.25	0.95	1	1	5.145161
SU5_str	BOBJ1	146.25	After	Right Exterior Girder	146.25	0.95	1	1	6.218373
SU5_str	BOBJ1	157.5	Before	Left Exterior Girder	157.5	0.95	1	1	6.837251
SU5_str	BOBJ1	157.5	Before	Interior Girder 1	157.5	0.95	1	1	6.808499
SU5_str	BOBJ1	157.5	Before	Interior Girder 2	157.5	0.95	1	1	6.808499
SU5_str	BOBJ1	157.5	Before	Right Exterior Girder	157.5	0.95	1	1	6.837252
SU5_str	BOBJ1	157.5	After	Left Exterior Girder	157.5	0.95	1	1	4.857846
SU5_str	BOBJ1	157.5	After	Interior Girder 1	157.5	0.95	1	1	4.812416
SU5_str	BOBJ1	157.5	After	Interior Girder 2	157.5	0.95	1	1	4.812415
SU5_str	BOBJ1	157.5	After	Right Exterior Girder	157.5	0.95	1	1	4.857846
SU5_str	BOBJ1	168.2522	Before	Left Exterior Girder	168.2522	0.95	1	1	2.371684
SU5_str	BOBJ1	168.2522	Before	Interior Girder 1	168.2522	0.95	1	1	2.329067
SU5_str	BOBJ1	168.2522	Before	Interior Girder 2	168.2522	0.95	1	1	2.329067
SU5_str	BOBJ1	168.2522	Before	Right Exterior Girder	168.2522	0.95	1	1	2.371684
SU5_str	BOBJ1	168.2522	After	Left Exterior Girder	168.2522	0.95	1	1	7.457762
SU5_str	BOBJ1	168.2522	After	Interior Girder 1	168.2522	0.95	1	1	7.25278
SU5_str	BOBJ1	168.2522	After	Interior Girder 2	168.2522	0.95	1	1	7.25278
SU5_str	BOBJ1	168.2522	After	Right Exterior Girder	168.2522	0.95	1	1	7.457762
SU5_str	BOBJ1	168.75	Before	Left Exterior Girder	168.75	0.95	1	1	7.323711
SU5_str	BOBJ1	168.75	Before	Interior Girder 1	168.75	0.95	1	1	7.130879
SU5_str	BOBJ1	168.75	Before	Interior Girder 2	168.75	0.95	1	1	7.130879
SU5_str	BOBJ1	168.75	Before	Right Exterior Girder	168.75	0.95	1	1	7.323711
SU5_str	BOBJ1	168.75	After	Left Exterior Girder	168.75	0.95	1	1	7.339448
SU5_str	BOBJ1	168.75	After	Interior Girder 1	168.75	0.95	1	1	7.116381
SU5_str	BOBJ1	168.75	After	Interior Girder 2	168.75	0.95	1	1	7.116381
SU5_str	BOBJ1	168.75	After	Right Exterior Girder	168.75	0.95	1	1	7.339449
SU5_str	BOBJ1	180	Before	Left Exterior Girder	180	0.95	1	1	4.496899
SU5_str	BOBJ1	180	Before	Interior Girder 1	180	0.95	1	1	4.29553
SU5_str	BOBJ1	180	Before	Interior Girder 2	180	0.95	1	1	4.29553
SU5_str	BOBJ1	180	Before	Right Exterior Girder	180	0.95	1	1	4.4969
SU5_str	BOBJ1	180	After	Left Exterior Girder	180	0.95	1	1	6.205067
SU5_str	BOBJ1	180	After	Interior Girder 1	180	0.95	1	1	5.942963
SU5_str	BOBJ1	180	After	Interior Girder 2	180	0.95	1	1	5.942963
SU5_str	BOBJ1	180	After	Right Exterior Girder	180	0.95	1	1	6.205067
SU5_str	BOBJ1	183.1858	Before	Left Exterior Girder	183.1858	0.95	1	1	5.382406
SU5_str	BOBJ1	183.1858	Before	Interior Girder 1	183.1858	0.95	1	1	5.128583
SU5_str	BOBJ1	183.1858	Before	Interior Girder 2	183.1858	0.95	1	1	5.128583
SU5_str	BOBJ1	183.1858	Before	Right Exterior Girder	183.1858	0.95	1	1	5.382407
SU5_str	BOBJ1	183.1858	After	Left Exterior Girder	183.1858	0.95	1	1	12.04128
SU5_str	BOBJ1	183.1858	After	Interior Girder 1	183.1858	0.95	1	1	11.439549
SU5_str	BOBJ1	183.1858	After	Interior Girder 2	183.1858	0.95	1	1	11.439549
SU5_str	BOBJ1	183.1858	After	Right Exterior Girder	183.1858	0.95	1	1	12.041281
SU5_str	BOBJ1	191.25	Before	Left Exterior Girder	191.25	0.95	1	1	9.729925
SU5_str	BOBJ1	191.25	Before	Interior Girder 1	191.25	0.95	1	1	9.084415
SU5_str	BOBJ1	191.25	Before	Interior Girder 2	191.25	0.95	1	1	9.084415
SU5_str	BOBJ1	191.25	Before	Right Exterior Girder	191.25	0.95	1	1	9.729925
SU5_str	BOBJ1	191.25	After	Left Exterior Girder	191.25	0.95	1	1	9.756622
SU5_str	BOBJ1	191.25	After	Interior Girder 1	191.25	0.95	1	1	9.065028
SU5_str	BOBJ1	191.25	After	Interior Girder 2	191.25	0.95	1	1	9.065028
SU5_str	BOBJ1	191.25	After	Right Exterior Girder	191.25	0.95	1	1	9.756622
SU5_str	BOBJ1	199.9414	Before	Left Exterior Girder	199.9414	0.95	1	1	7.204402
SU5_str	BOBJ1	199.9414	Before	Interior Girder 1	199.9414	0.95	1	1	6.627954
SU5_str	BOBJ1	199.9414	Before	Interior Girder 2	199.9414	0.95	1	1	6.627955
SU5_str	BOBJ1	199.9414	Before	Right Exterior Girder	199.9414	0.95	1	1	7.204402
SU5_str	BOBJ1	199.9414	After	Left Exterior Girder	199.9414	0.95	1	1	12.427656
SU5_str	BOBJ1	199.9414	After	Interior Girder 1	199.9414	0.95	1	1	11.429659
SU5_str	BOBJ1	199.9414	After	Interior Girder 2	199.9414	0.95	1	1	11.42966
SU5_str	BOBJ1	199.9414	After	Right Exterior Girder	199.9414	0.95	1	1	12.427656
SU5_str	BOBJ1	202.5	Before	Left Exterior Girder	202.5	0.95	1	1	11.337428
SU5_str	BOBJ1	202.5	Before	Interior Girder 1	202.5	0.95	1	1	10.648893
SU5_str	BOBJ1	202.5	Before	Interior Girder 2	202.5	0.95	1	1	10.648893
SU5_str	BOBJ1	202.5	Before	Right Exterior Girder	202.5	0.95	1	1	11.337428

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelINonCompStrgth-Flx - Main Span Girders									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
SU5_str	BOBJ1	202.5	After	Left Exterior Girder	202.5	0.95	1	1	11.742665
SU5_str	BOBJ1	202.5	After	Interior Girder 1	202.5	0.95	1	1	10.765774
SU5_str	BOBJ1	202.5	After	Interior Girder 2	202.5	0.95	1	1	10.765774
SU5_str	BOBJ1	202.5	After	Right Exterior Girder	202.5	0.95	1	1	11.742665
SU5_str	BOBJ1	210.5642	Before	Left Exterior Girder	210.5642	0.95	1	1	8.506044
SU5_str	BOBJ1	210.5642	Before	Interior Girder 1	210.5642	0.95	1	1	8.093565
SU5_str	BOBJ1	210.5642	Before	Interior Girder 2	210.5642	0.95	1	1	8.093565
SU5_str	BOBJ1	210.5642	Before	Right Exterior Girder	210.5642	0.95	1	1	8.506044
SU5_str	BOBJ1	210.5642	After	Left Exterior Girder	210.5642	0.95	1	1	13.079972
SU5_str	BOBJ1	210.5642	After	Interior Girder 1	210.5642	0.95	1	1	12.482648
SU5_str	BOBJ1	210.5642	After	Interior Girder 2	210.5642	0.95	1	1	12.482648
SU5_str	BOBJ1	210.5642	After	Right Exterior Girder	210.5642	0.95	1	1	13.079972
SU5_str	BOBJ1	213.75	Before	Left Exterior Girder	213.75	0.95	1	1	11.643662
SU5_str	BOBJ1	213.75	Before	Interior Girder 1	213.75	0.95	1	1	10.947876
SU5_str	BOBJ1	213.75	Before	Interior Girder 2	213.75	0.95	1	1	10.947876
SU5_str	BOBJ1	213.75	Before	Right Exterior Girder	213.75	0.95	1	1	11.643662
SU5_str	BOBJ1	213.75	After	Left Exterior Girder	213.75	0.95	1	1	11.630349
SU5_str	BOBJ1	213.75	After	Interior Girder 1	213.75	0.95	1	1	10.92517
SU5_str	BOBJ1	213.75	After	Interior Girder 2	213.75	0.95	1	1	10.92517
SU5_str	BOBJ1	213.75	After	Right Exterior Girder	213.75	0.95	1	1	11.630349
SU5_str	BOBJ1	225	Before	Left Exterior Girder	225	0.95	1	1	7.00848
SU5_str	BOBJ1	225	Before	Interior Girder 1	225	0.95	1	1	6.28669
SU5_str	BOBJ1	225	Before	Interior Girder 2	225	0.95	1	1	6.28669
SU5_str	BOBJ1	225	Before	Right Exterior Girder	225	0.95	1	1	7.00848
SU5_str	BOBJ1	225	After	Left Exterior Girder	0	0.95	1	1	6.604559
SU5_str	BOBJ1	225	After	Interior Girder 1	0	0.95	1	1	6.03929
SU5_str	BOBJ1	225	After	Interior Girder 2	0	0.95	1	1	6.03929
SU5_str	BOBJ1	225	After	Right Exterior Girder	0	0.95	1	1	6.604559
SU5_str	BOBJ1	236.45	Before	Left Exterior Girder	11.45	0.95	1	1	11.735391
SU5_str	BOBJ1	236.45	Before	Interior Girder 1	11.45	0.95	1	1	11.617829
SU5_str	BOBJ1	236.45	Before	Interior Girder 2	11.45	0.95	1	1	11.617829
SU5_str	BOBJ1	236.45	Before	Right Exterior Girder	11.45	0.95	1	1	11.735391
SU5_str	BOBJ1	236.45	After	Left Exterior Girder	11.45	0.95	1	1	11.760141
SU5_str	BOBJ1	236.45	After	Interior Girder 1	11.45	0.95	1	1	11.624088
SU5_str	BOBJ1	236.45	After	Interior Girder 2	11.45	0.95	1	1	11.624088
SU5_str	BOBJ1	236.45	After	Right Exterior Girder	11.45	0.95	1	1	11.76014
SU5_str	BOBJ1	239.5082	Before	Left Exterior Girder	14.5082	0.95	1	1	13.508507
SU5_str	BOBJ1	239.5082	Before	Interior Girder 1	14.5082	0.95	1	1	13.431982
SU5_str	BOBJ1	239.5082	Before	Interior Girder 2	14.5082	0.95	1	1	13.431982
SU5_str	BOBJ1	239.5082	Before	Right Exterior Girder	14.5082	0.95	1	1	13.508507
SU5_str	BOBJ1	239.5082	After	Left Exterior Girder	14.5082	0.95	1	1	8.868424
SU5_str	BOBJ1	239.5082	After	Interior Girder 1	14.5082	0.95	1	1	8.815959
SU5_str	BOBJ1	239.5082	After	Interior Girder 2	14.5082	0.95	1	1	8.815959
SU5_str	BOBJ1	239.5082	After	Right Exterior Girder	14.5082	0.95	1	1	8.868423
SU5_str	BOBJ1	247.9	Before	Left Exterior Girder	22.9	0.95	1	1	13.518682
SU5_str	BOBJ1	247.9	Before	Interior Girder 1	22.9	0.95	1	1	13.30688
SU5_str	BOBJ1	247.9	Before	Interior Girder 2	22.9	0.95	1	1	13.30688
SU5_str	BOBJ1	247.9	Before	Right Exterior Girder	22.9	0.95	1	1	13.518682
SU5_str	BOBJ1	247.9	After	Left Exterior Girder	22.9	0.95	1	1	13.154649
SU5_str	BOBJ1	247.9	After	Interior Girder 1	22.9	0.95	1	1	13.293957
SU5_str	BOBJ1	247.9	After	Interior Girder 2	22.9	0.95	1	1	13.293956
SU5_str	BOBJ1	247.9	After	Right Exterior Girder	22.9	0.95	1	1	13.154649
SU5_str	BOBJ1	258.5189	Before	Left Exterior Girder	33.5189	0.95	1	1	18.827713
SU5_str	BOBJ1	258.5189	Before	Interior Girder 1	33.5189	0.95	1	1	17.541213
SU5_str	BOBJ1	258.5189	Before	Interior Girder 2	33.5189	0.95	1	1	17.541213
SU5_str	BOBJ1	258.5189	Before	Right Exterior Girder	33.5189	0.95	1	1	18.827714
SU5_str	BOBJ1	258.5189	After	Left Exterior Girder	33.5189	0.95	1	1	12.805937
SU5_str	BOBJ1	258.5189	After	Interior Girder 1	33.5189	0.95	1	1	11.804808
SU5_str	BOBJ1	258.5189	After	Interior Girder 2	33.5189	0.95	1	1	11.804808
SU5_str	BOBJ1	258.5189	After	Right Exterior Girder	33.5189	0.95	1	1	12.805937
SU5_str	BOBJ1	259.3	Before	Left Exterior Girder	34.3	0.95	1	1	13.108227
SU5_str	BOBJ1	259.3	Before	Interior Girder 1	34.3	0.95	1	1	12.0981
SU5_str	BOBJ1	259.3	Before	Interior Girder 2	34.3	0.95	1	1	12.098099
SU5_str	BOBJ1	259.3	Before	Right Exterior Girder	34.3	0.95	1	1	13.108227
SU5_str	BOBJ1	259.3	After	Left Exterior Girder	34.3	0.95	1	1	13.099036
SU5_str	BOBJ1	259.3	After	Interior Girder 1	34.3	0.95	1	1	12.106105
SU5_str	BOBJ1	259.3	After	Interior Girder 2	34.3	0.95	1	1	12.106105
SU5_str	BOBJ1	259.3	After	Right Exterior Girder	34.3	0.95	1	1	13.099036

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelINonCompStrgth-Flx - Main Span Girders									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
SU5_str	BOBJ1	266.1031	Before	Left Exterior Girder	41.1031	0.95	1	1	15.656635
SU5_str	BOBJ1	266.1031	Before	Interior Girder 1	41.1031	0.95	1	1	14.707658
SU5_str	BOBJ1	266.1031	Before	Interior Girder 2	41.1031	0.95	1	1	14.707658
SU5_str	BOBJ1	266.1031	Before	Right Exterior Girder	41.1031	0.95	1	1	15.656635
SU5_str	BOBJ1	266.1031	After	Left Exterior Girder	41.1031	0.95	1	1	8.107756
SU5_str	BOBJ1	266.1031	After	Interior Girder 1	41.1031	0.95	1	1	7.624306
SU5_str	BOBJ1	266.1031	After	Interior Girder 2	41.1031	0.95	1	1	7.624306
SU5_str	BOBJ1	266.1031	After	Right Exterior Girder	41.1031	0.95	1	1	8.107756
SU5_str	BOBJ1	270.7	Before	Left Exterior Girder	45.7	0.95	1	1	9.717622
SU5_str	BOBJ1	270.7	Before	Interior Girder 1	45.7	0.95	1	1	9.235779
SU5_str	BOBJ1	270.7	Before	Interior Girder 2	45.7	0.95	1	1	9.235779
SU5_str	BOBJ1	270.7	Before	Right Exterior Girder	45.7	0.95	1	1	9.717622
SU5_str	BOBJ1	270.7	After	Left Exterior Girder	45.7	0.95	1	1	11.393858
SU5_str	BOBJ1	270.7	After	Interior Girder 1	45.7	0.95	1	1	10.825103
SU5_str	BOBJ1	270.7	After	Interior Girder 2	45.7	0.95	1	1	10.825103
SU5_str	BOBJ1	270.7	After	Right Exterior Girder	45.7	0.95	1	1	11.393858
SU5_str	BOBJ1	273.6874	Before	Left Exterior Girder	48.6874	0.95	1	1	12.482378
SU5_str	BOBJ1	273.6874	Before	Interior Girder 1	48.6874	0.95	1	1	11.906825
SU5_str	BOBJ1	273.6874	Before	Interior Girder 2	48.6874	0.95	1	1	11.906825
SU5_str	BOBJ1	273.6874	Before	Right Exterior Girder	48.6874	0.95	1	1	12.482377
SU5_str	BOBJ1	273.6874	After	Left Exterior Girder	48.6874	0.95	1	1	5.373078
SU5_str	BOBJ1	273.6874	After	Interior Girder 1	48.6874	0.95	1	1	5.162158
SU5_str	BOBJ1	273.6874	After	Interior Girder 2	48.6874	0.95	1	1	5.162158
SU5_str	BOBJ1	273.6874	After	Right Exterior Girder	48.6874	0.95	1	1	5.373078
SU5_str	BOBJ1	282.15	Before	Left Exterior Girder	57.15	0.95	1	1	8.234588
SU5_str	BOBJ1	282.15	Before	Interior Girder 1	57.15	0.95	1	1	7.974031
SU5_str	BOBJ1	282.15	Before	Interior Girder 2	57.15	0.95	1	1	7.974031
SU5_str	BOBJ1	282.15	Before	Right Exterior Girder	57.15	0.95	1	1	8.234588
SU5_str	BOBJ1	282.15	After	Left Exterior Girder	57.15	0.95	1	1	8.222826
SU5_str	BOBJ1	282.15	After	Interior Girder 1	57.15	0.95	1	1	7.991898
SU5_str	BOBJ1	282.15	After	Interior Girder 2	57.15	0.95	1	1	7.991898
SU5_str	BOBJ1	282.15	After	Right Exterior Girder	57.15	0.95	1	1	8.222826
SU5_str	BOBJ1	293.6	Before	Left Exterior Girder	68.6	0.95	1	1	6.084279
SU5_str	BOBJ1	293.6	Before	Interior Girder 1	68.6	0.95	1	1	4.813293
SU5_str	BOBJ1	293.6	Before	Interior Girder 2	68.6	0.95	1	1	4.813293
SU5_str	BOBJ1	293.6	Before	Right Exterior Girder	68.6	0.95	1	1	6.084278
SU5_str	BOBJ1	293.6	After	Left Exterior Girder	68.6	0.95	1	1	6.289078
SU5_str	BOBJ1	293.6	After	Interior Girder 1	68.6	0.95	1	1	4.900267
SU5_str	BOBJ1	293.6	After	Interior Girder 2	68.6	0.95	1	1	4.900267
SU5_str	BOBJ1	293.6	After	Right Exterior Girder	68.6	0.95	1	1	6.289078
SU5_str	BOBJ1	305	Before	Left Exterior Girder	80	0.95	1	1	3.418038
SU5_str	BOBJ1	305	Before	Interior Girder 1	80	0.95	1	1	2.728106
SU5_str	BOBJ1	305	Before	Interior Girder 2	80	0.95	1	1	2.728106
SU5_str	BOBJ1	305	Before	Right Exterior Girder	80	0.95	1	1	3.418038
SU5_str	BOBJ1	305	After	Left Exterior Girder	80	0.95	1	1	3.416666
SU5_str	BOBJ1	305	After	Interior Girder 1	80	0.95	1	1	2.726676
SU5_str	BOBJ1	305	After	Interior Girder 2	80	0.95	1	1	2.726676
SU5_str	BOBJ1	305	After	Right Exterior Girder	80	0.95	1	1	3.416666
SU5_str	BOBJ1	306.9561	Before	Left Exterior Girder	81.9561	0.95	1	1	3.030158
SU5_str	BOBJ1	306.9561	Before	Interior Girder 1	81.9561	0.95	1	1	2.444151
SU5_str	BOBJ1	306.9561	Before	Interior Girder 2	81.9561	0.95	1	1	2.444152
SU5_str	BOBJ1	306.9561	Before	Right Exterior Girder	81.9561	0.95	1	1	3.030158
SU5_str	BOBJ1	306.9561	After	Left Exterior Girder	81.9561	0.95	1	1	7.928583
SU5_str	BOBJ1	306.9561	After	Interior Girder 1	81.9561	0.95	1	1	6.471353
SU5_str	BOBJ1	306.9561	After	Interior Girder 2	81.9561	0.95	1	1	6.471353
SU5_str	BOBJ1	306.9561	After	Right Exterior Girder	81.9561	0.95	1	1	7.928583
SU5_str	BOBJ1	316.4	Before	Left Exterior Girder	91.4	0.95	1	1	5.838157
SU5_str	BOBJ1	316.4	Before	Interior Girder 1	91.4	0.95	1	1	4.953876
SU5_str	BOBJ1	316.4	Before	Interior Girder 2	91.4	0.95	1	1	4.953876
SU5_str	BOBJ1	316.4	Before	Right Exterior Girder	91.4	0.95	1	1	5.838157
SU5_str	BOBJ1	316.4	After	Left Exterior Girder	91.4	0.95	1	1	5.911424
SU5_str	BOBJ1	316.4	After	Interior Girder 1	91.4	0.95	1	1	4.94771
SU5_str	BOBJ1	316.4	After	Interior Girder 2	91.4	0.95	1	1	4.947711
SU5_str	BOBJ1	316.4	After	Right Exterior Girder	91.4	0.95	1	1	5.911424
SU5_str	BOBJ1	327.85	Before	Left Exterior Girder	102.9679	0.95	1	1	4.241854
SU5_str	BOBJ1	327.85	Before	Interior Girder 1	102.9679	0.95	1	1	3.572692
SU5_str	BOBJ1	327.85	Before	Interior Girder 2	102.9679	0.95	1	1	3.572692
SU5_str	BOBJ1	327.85	Before	Right Exterior Girder	102.9679	0.95	1	1	4.241854

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelINonCompStrgth-Flx - Main Span Girders									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
SU5_str	BOBJ1	327.85	After	Left Exterior Girder	102.9679	0.95	1	1	8.192651
SU5_str	BOBJ1	327.85	After	Interior Girder 1	102.9679	0.95	1	1	7.019875
SU5_str	BOBJ1	327.85	After	Interior Girder 2	102.9679	0.95	1	1	7.019875
SU5_str	BOBJ1	327.85	After	Right Exterior Girder	102.9679	0.95	1	1	8.192651
SU5_str	BOBJ1	339.3	Before	Left Exterior Girder	114.3	0.95	1	1	6.671811
SU5_str	BOBJ1	339.3	Before	Interior Girder 1	114.3	0.95	1	1	5.878356
SU5_str	BOBJ1	339.3	Before	Interior Girder 2	114.3	0.95	1	1	5.878356
SU5_str	BOBJ1	339.3	Before	Right Exterior Girder	114.3	0.95	1	1	6.671811
SU5_str	BOBJ1	339.3	After	Left Exterior Girder	114.3	0.95	1	1	6.715832
SU5_str	BOBJ1	339.3	After	Interior Girder 1	114.3	0.95	1	1	5.883341
SU5_str	BOBJ1	339.3	After	Interior Girder 2	114.3	0.95	1	1	5.883341
SU5_str	BOBJ1	339.3	After	Right Exterior Girder	114.3	0.95	1	1	6.715832
SU5_str	BOBJ1	350.7	Before	Left Exterior Girder	125.7	0.95	1	1	5.764481
SU5_str	BOBJ1	350.7	Before	Interior Girder 1	125.7	0.95	1	1	5.039261
SU5_str	BOBJ1	350.7	Before	Interior Girder 2	125.7	0.95	1	1	5.039261
SU5_str	BOBJ1	350.7	Before	Right Exterior Girder	125.7	0.95	1	1	5.764481
SU5_str	BOBJ1	350.7	After	Left Exterior Girder	125.7	0.95	1	1	5.761372
SU5_str	BOBJ1	350.7	After	Interior Girder 1	125.7	0.95	1	1	5.043907
SU5_str	BOBJ1	350.7	After	Interior Girder 2	125.7	0.95	1	1	5.043908
SU5_str	BOBJ1	350.7	After	Right Exterior Girder	125.7	0.95	1	1	5.761372
SU5_str	BOBJ1	362.1	Before	Left Exterior Girder	137.1	0.95	1	1	5.106273
SU5_str	BOBJ1	362.1	Before	Interior Girder 1	137.1	0.95	1	1	4.55364
SU5_str	BOBJ1	362.1	Before	Interior Girder 2	137.1	0.95	1	1	4.55364
SU5_str	BOBJ1	362.1	Before	Right Exterior Girder	137.1	0.95	1	1	5.106273
SU5_str	BOBJ1	362.1	After	Left Exterior Girder	137.1	0.95	1	1	5.130003
SU5_str	BOBJ1	362.1	After	Interior Girder 1	137.1	0.95	1	1	4.562535
SU5_str	BOBJ1	362.1	After	Interior Girder 2	137.1	0.95	1	1	4.562534
SU5_str	BOBJ1	362.1	After	Right Exterior Girder	137.1	0.95	1	1	5.130003
SU5_str	BOBJ1	373.55	Before	Left Exterior Girder	148.55	0.95	1	1	4.801468
SU5_str	BOBJ1	373.55	Before	Interior Girder 1	148.55	0.95	1	1	4.243434
SU5_str	BOBJ1	373.55	Before	Interior Girder 2	148.55	0.95	1	1	4.243434
SU5_str	BOBJ1	373.55	Before	Right Exterior Girder	148.55	0.95	1	1	4.801468
SU5_str	BOBJ1	373.55	After	Left Exterior Girder	148.55	0.95	1	1	4.799309
SU5_str	BOBJ1	373.55	After	Interior Girder 1	148.55	0.95	1	1	4.244982
SU5_str	BOBJ1	373.55	After	Interior Girder 2	148.55	0.95	1	1	4.244982
SU5_str	BOBJ1	373.55	After	Right Exterior Girder	148.55	0.95	1	1	4.799309
SU5_str	BOBJ1	385	Before	Left Exterior Girder	160	0.95	1	1	4.666305
SU5_str	BOBJ1	385	Before	Interior Girder 1	160	0.95	1	1	4.173751
SU5_str	BOBJ1	385	Before	Interior Girder 2	160	0.95	1	1	4.173751
SU5_str	BOBJ1	385	Before	Right Exterior Girder	160	0.95	1	1	4.666305
SU5_str	BOBJ1	385	After	Left Exterior Girder	160	0.95	1	1	4.666305
SU5_str	BOBJ1	385	After	Interior Girder 1	160	0.95	1	1	4.173751
SU5_str	BOBJ1	385	After	Interior Girder 2	160	0.95	1	1	4.173751
SU5_str	BOBJ1	385	After	Right Exterior Girder	160	0.95	1	1	4.666305
SU5_str	BOBJ1	396.45	Before	Left Exterior Girder	171.45	0.95	1	1	4.799309
SU5_str	BOBJ1	396.45	Before	Interior Girder 1	171.45	0.95	1	1	4.244982
SU5_str	BOBJ1	396.45	Before	Interior Girder 2	171.45	0.95	1	1	4.244981
SU5_str	BOBJ1	396.45	Before	Right Exterior Girder	171.45	0.95	1	1	4.799309
SU5_str	BOBJ1	396.45	After	Left Exterior Girder	171.45	0.95	1	1	4.801468
SU5_str	BOBJ1	396.45	After	Interior Girder 1	171.45	0.95	1	1	4.243434
SU5_str	BOBJ1	396.45	After	Interior Girder 2	171.45	0.95	1	1	4.243434
SU5_str	BOBJ1	396.45	After	Right Exterior Girder	171.45	0.95	1	1	4.801468
SU5_str	BOBJ1	407.9	Before	Left Exterior Girder	182.9	0.95	1	1	5.130003
SU5_str	BOBJ1	407.9	Before	Interior Girder 1	182.9	0.95	1	1	4.562534
SU5_str	BOBJ1	407.9	Before	Interior Girder 2	182.9	0.95	1	1	4.562534
SU5_str	BOBJ1	407.9	Before	Right Exterior Girder	182.9	0.95	1	1	5.130003
SU5_str	BOBJ1	407.9	After	Left Exterior Girder	182.9	0.95	1	1	5.106273
SU5_str	BOBJ1	407.9	After	Interior Girder 1	182.9	0.95	1	1	4.55364
SU5_str	BOBJ1	407.9	After	Interior Girder 2	182.9	0.95	1	1	4.55364
SU5_str	BOBJ1	407.9	After	Right Exterior Girder	182.9	0.95	1	1	5.106273
SU5_str	BOBJ1	419.3	Before	Left Exterior Girder	194.3	0.95	1	1	5.761372
SU5_str	BOBJ1	419.3	Before	Interior Girder 1	194.3	0.95	1	1	5.043907
SU5_str	BOBJ1	419.3	Before	Interior Girder 2	194.3	0.95	1	1	5.043907
SU5_str	BOBJ1	419.3	Before	Right Exterior Girder	194.3	0.95	1	1	5.761372
SU5_str	BOBJ1	419.3	After	Left Exterior Girder	194.3	0.95	1	1	5.764481
SU5_str	BOBJ1	419.3	After	Interior Girder 1	194.3	0.95	1	1	5.039261
SU5_str	BOBJ1	419.3	After	Interior Girder 2	194.3	0.95	1	1	5.039261
SU5_str	BOBJ1	419.3	After	Right Exterior Girder	194.3	0.95	1	1	5.764481

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelNonCompStrgth-Flx - Main Span Girders									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
SU5_str	BOBJ1	430.7	Before	Left Exterior Girder	205.7	0.95	1	1	6.715832
SU5_str	BOBJ1	430.7	Before	Interior Girder 1	205.7	0.95	1	1	5.883341
SU5_str	BOBJ1	430.7	Before	Interior Girder 2	205.7	0.95	1	1	5.883341
SU5_str	BOBJ1	430.7	Before	Right Exterior Girder	205.7	0.95	1	1	6.715832
SU5_str	BOBJ1	430.7	After	Left Exterior Girder	205.7	0.95	1	1	6.671811
SU5_str	BOBJ1	430.7	After	Interior Girder 1	205.7	0.95	1	1	5.878356
SU5_str	BOBJ1	430.7	After	Interior Girder 2	205.7	0.95	1	1	5.878355
SU5_str	BOBJ1	430.7	After	Right Exterior Girder	205.7	0.95	1	1	6.671811
SU5_str	BOBJ1	442.15	Before	Left Exterior Girder	217.0321	0.95	1	1	8.179248
SU5_str	BOBJ1	442.15	Before	Interior Girder 1	217.0321	0.95	1	1	7.020015
SU5_str	BOBJ1	442.15	Before	Interior Girder 2	217.0321	0.95	1	1	7.020015
SU5_str	BOBJ1	442.15	Before	Right Exterior Girder	217.0321	0.95	1	1	8.179248
SU5_str	BOBJ1	442.15	After	Left Exterior Girder	217.0321	0.95	1	1	4.235962
SU5_str	BOBJ1	442.15	After	Interior Girder 1	217.0321	0.95	1	1	3.571682
SU5_str	BOBJ1	442.15	After	Interior Girder 2	217.0321	0.95	1	1	3.571682
SU5_str	BOBJ1	442.15	After	Right Exterior Girder	217.0321	0.95	1	1	4.235962
SU5_str	BOBJ1	453.6	Before	Left Exterior Girder	228.6	0.95	1	1	5.911424
SU5_str	BOBJ1	453.6	Before	Interior Girder 1	228.6	0.95	1	1	4.94771
SU5_str	BOBJ1	453.6	Before	Interior Girder 2	228.6	0.95	1	1	4.94771
SU5_str	BOBJ1	453.6	Before	Right Exterior Girder	228.6	0.95	1	1	5.911424
SU5_str	BOBJ1	453.6	After	Left Exterior Girder	228.6	0.95	1	1	5.838157
SU5_str	BOBJ1	453.6	After	Interior Girder 1	228.6	0.95	1	1	4.953876
SU5_str	BOBJ1	453.6	After	Interior Girder 2	228.6	0.95	1	1	4.953876
SU5_str	BOBJ1	453.6	After	Right Exterior Girder	228.6	0.95	1	1	5.838157
SU5_str	BOBJ1	463.0439	Before	Left Exterior Girder	238.0439	0.95	1	1	7.9056
SU5_str	BOBJ1	463.0439	Before	Interior Girder 1	238.0439	0.95	1	1	6.47114
SU5_str	BOBJ1	463.0439	Before	Interior Girder 2	238.0439	0.95	1	1	6.47114
SU5_str	BOBJ1	463.0439	Before	Right Exterior Girder	238.0439	0.95	1	1	7.9056
SU5_str	BOBJ1	463.0439	After	Left Exterior Girder	238.0439	0.95	1	1	3.022295
SU5_str	BOBJ1	463.0439	After	Interior Girder 1	238.0439	0.95	1	1	2.443141
SU5_str	BOBJ1	463.0439	After	Interior Girder 2	238.0439	0.95	1	1	2.443141
SU5_str	BOBJ1	463.0439	After	Right Exterior Girder	238.0439	0.95	1	1	3.022294
SU5_str	BOBJ1	465	Before	Left Exterior Girder	240	0.95	1	1	3.416666
SU5_str	BOBJ1	465	Before	Interior Girder 1	240	0.95	1	1	2.726676
SU5_str	BOBJ1	465	Before	Interior Girder 2	240	0.95	1	1	2.726676
SU5_str	BOBJ1	465	Before	Right Exterior Girder	240	0.95	1	1	3.416665
SU5_str	BOBJ1	465	After	Left Exterior Girder	240	0.95	1	1	3.418038
SU5_str	BOBJ1	465	After	Interior Girder 1	240	0.95	1	1	2.728106
SU5_str	BOBJ1	465	After	Interior Girder 2	240	0.95	1	1	2.728106
SU5_str	BOBJ1	465	After	Right Exterior Girder	240	0.95	1	1	3.418037
SU5_str	BOBJ1	476.4	Before	Left Exterior Girder	251.4	0.95	1	1	6.289078
SU5_str	BOBJ1	476.4	Before	Interior Girder 1	251.4	0.95	1	1	4.900267
SU5_str	BOBJ1	476.4	Before	Interior Girder 2	251.4	0.95	1	1	4.900268
SU5_str	BOBJ1	476.4	Before	Right Exterior Girder	251.4	0.95	1	1	6.289078
SU5_str	BOBJ1	476.4	After	Left Exterior Girder	251.4	0.95	1	1	6.084278
SU5_str	BOBJ1	476.4	After	Interior Girder 1	251.4	0.95	1	1	4.813293
SU5_str	BOBJ1	476.4	After	Interior Girder 2	251.4	0.95	1	1	4.813294
SU5_str	BOBJ1	476.4	After	Right Exterior Girder	251.4	0.95	1	1	6.084278
SU5_str	BOBJ1	487.85	Before	Left Exterior Girder	262.85	0.95	1	1	8.112254
SU5_str	BOBJ1	487.85	Before	Interior Girder 1	262.85	0.95	1	1	7.978335
SU5_str	BOBJ1	487.85	Before	Interior Girder 2	262.85	0.95	1	1	7.978335
SU5_str	BOBJ1	487.85	Before	Right Exterior Girder	262.85	0.95	1	1	8.112254
SU5_str	BOBJ1	487.85	After	Left Exterior Girder	262.85	0.95	1	1	8.124094
SU5_str	BOBJ1	487.85	After	Interior Girder 1	262.85	0.95	1	1	7.966663
SU5_str	BOBJ1	487.85	After	Interior Girder 2	262.85	0.95	1	1	7.966663
SU5_str	BOBJ1	487.85	After	Right Exterior Girder	262.85	0.95	1	1	8.124094
SU5_str	BOBJ1	496.3126	Before	Left Exterior Girder	271.3126	0.95	1	1	5.268221
SU5_str	BOBJ1	496.3126	Before	Interior Girder 1	271.3126	0.95	1	1	5.148126
SU5_str	BOBJ1	496.3126	Before	Interior Girder 2	271.3126	0.95	1	1	5.148126
SU5_str	BOBJ1	496.3126	Before	Right Exterior Girder	271.3126	0.95	1	1	5.268221
SU5_str	BOBJ1	496.3126	After	Left Exterior Girder	271.3126	0.95	1	1	12.486963
SU5_str	BOBJ1	496.3126	After	Interior Girder 1	271.3126	0.95	1	1	11.916965
SU5_str	BOBJ1	496.3126	After	Interior Girder 2	271.3126	0.95	1	1	11.916965
SU5_str	BOBJ1	496.3126	After	Right Exterior Girder	271.3126	0.95	1	1	12.486963
SU5_str	BOBJ1	499.3	Before	Left Exterior Girder	274.3	0.95	1	1	11.393858
SU5_str	BOBJ1	499.3	Before	Interior Girder 1	274.3	0.95	1	1	10.825103
SU5_str	BOBJ1	499.3	Before	Interior Girder 2	274.3	0.95	1	1	10.825103
SU5_str	BOBJ1	499.3	Before	Right Exterior Girder	274.3	0.95	1	1	11.393858

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelNonCompStrgth-Flx - Main Span Girders

Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
SU5_str	BOBJ1	499.3	After	Left Exterior Girder	274.3	0.95	1	1	9.717622
SU5_str	BOBJ1	499.3	After	Interior Girder 1	274.3	0.95	1	1	9.235779
SU5_str	BOBJ1	499.3	After	Interior Girder 2	274.3	0.95	1	1	9.235779
SU5_str	BOBJ1	499.3	After	Right Exterior Girder	274.3	0.95	1	1	9.717622
SU5_str	BOBJ1	503.8969	Before	Left Exterior Girder	278.8969	0.95	1	1	8.107755
SU5_str	BOBJ1	503.8969	Before	Interior Girder 1	278.8969	0.95	1	1	7.624306
SU5_str	BOBJ1	503.8969	Before	Interior Girder 2	278.8969	0.95	1	1	7.624306
SU5_str	BOBJ1	503.8969	Before	Right Exterior Girder	278.8969	0.95	1	1	8.107755
SU5_str	BOBJ1	503.8969	After	Left Exterior Girder	278.8969	0.95	1	1	15.656634
SU5_str	BOBJ1	503.8969	After	Interior Girder 1	278.8969	0.95	1	1	14.707658
SU5_str	BOBJ1	503.8969	After	Interior Girder 2	278.8969	0.95	1	1	14.707657
SU5_str	BOBJ1	503.8969	After	Right Exterior Girder	278.8969	0.95	1	1	15.656634
SU5_str	BOBJ1	510.7	Before	Left Exterior Girder	285.7	0.95	1	1	13.099036
SU5_str	BOBJ1	510.7	Before	Interior Girder 1	285.7	0.95	1	1	12.106105
SU5_str	BOBJ1	510.7	Before	Interior Girder 2	285.7	0.95	1	1	12.106105
SU5_str	BOBJ1	510.7	Before	Right Exterior Girder	285.7	0.95	1	1	13.099036
SU5_str	BOBJ1	510.7	After	Left Exterior Girder	285.7	0.95	1	1	13.108227
SU5_str	BOBJ1	510.7	After	Interior Girder 1	285.7	0.95	1	1	12.098099
SU5_str	BOBJ1	510.7	After	Interior Girder 2	285.7	0.95	1	1	12.098099
SU5_str	BOBJ1	510.7	After	Right Exterior Girder	285.7	0.95	1	1	13.108227
SU5_str	BOBJ1	511.4811	Before	Left Exterior Girder	286.4811	0.95	1	1	12.80794
SU5_str	BOBJ1	511.4811	Before	Interior Girder 1	286.4811	0.95	1	1	11.811411
SU5_str	BOBJ1	511.4811	Before	Interior Girder 2	286.4811	0.95	1	1	11.811411
SU5_str	BOBJ1	511.4811	Before	Right Exterior Girder	286.4811	0.95	1	1	12.80794
SU5_str	BOBJ1	511.4811	After	Left Exterior Girder	286.4811	0.95	1	1	18.877848
SU5_str	BOBJ1	511.4811	After	Interior Girder 1	286.4811	0.95	1	1	17.549262
SU5_str	BOBJ1	511.4811	After	Interior Girder 2	286.4811	0.95	1	1	17.549261
SU5_str	BOBJ1	511.4811	After	Right Exterior Girder	286.4811	0.95	1	1	18.877848
SU5_str	BOBJ1	522.1	Before	Left Exterior Girder	297.1	0.95	1	1	13.154649
SU5_str	BOBJ1	522.1	Before	Interior Girder 1	297.1	0.95	1	1	13.293957
SU5_str	BOBJ1	522.1	Before	Interior Girder 2	297.1	0.95	1	1	13.293956
SU5_str	BOBJ1	522.1	Before	Right Exterior Girder	297.1	0.95	1	1	13.154649
SU5_str	BOBJ1	522.1	After	Left Exterior Girder	297.1	0.95	1	1	13.518682
SU5_str	BOBJ1	522.1	After	Interior Girder 1	297.1	0.95	1	1	13.30688
SU5_str	BOBJ1	522.1	After	Interior Girder 2	297.1	0.95	1	1	13.306879
SU5_str	BOBJ1	522.1	After	Right Exterior Girder	297.1	0.95	1	1	13.518682
SU5_str	BOBJ1	530.4918	Before	Left Exterior Girder	305.4918	0.95	1	1	8.868424
SU5_str	BOBJ1	530.4918	Before	Interior Girder 1	305.4918	0.95	1	1	8.815958
SU5_str	BOBJ1	530.4918	Before	Interior Girder 2	305.4918	0.95	1	1	8.815959
SU5_str	BOBJ1	530.4918	Before	Right Exterior Girder	305.4918	0.95	1	1	8.868424
SU5_str	BOBJ1	530.4918	After	Left Exterior Girder	305.4918	0.95	1	1	13.508508
SU5_str	BOBJ1	530.4918	After	Interior Girder 1	305.4918	0.95	1	1	13.431981
SU5_str	BOBJ1	530.4918	After	Interior Girder 2	305.4918	0.95	1	1	13.431982
SU5_str	BOBJ1	530.4918	After	Right Exterior Girder	305.4918	0.95	1	1	13.508508
SU5_str	BOBJ1	533.55	Before	Left Exterior Girder	308.55	0.95	1	1	11.760141
SU5_str	BOBJ1	533.55	Before	Interior Girder 1	308.55	0.95	1	1	11.624087
SU5_str	BOBJ1	533.55	Before	Interior Girder 2	308.55	0.95	1	1	11.624088
SU5_str	BOBJ1	533.55	Before	Right Exterior Girder	308.55	0.95	1	1	11.760141
SU5_str	BOBJ1	533.55	After	Left Exterior Girder	308.55	0.95	1	1	11.735392
SU5_str	BOBJ1	533.55	After	Interior Girder 1	308.55	0.95	1	1	11.617828
SU5_str	BOBJ1	533.55	After	Interior Girder 2	308.55	0.95	1	1	11.617829
SU5_str	BOBJ1	533.55	After	Right Exterior Girder	308.55	0.95	1	1	11.735392
SU5_str	BOBJ1	545	Before	Left Exterior Girder	320	0.95	1	1	6.60456
SU5_str	BOBJ1	545	Before	Interior Girder 1	320	0.95	1	1	6.03929
SU5_str	BOBJ1	545	Before	Interior Girder 2	320	0.95	1	1	6.039291
SU5_str	BOBJ1	545	Before	Right Exterior Girder	320	0.95	1	1	6.604559
SU5_str	BOBJ1	545	After	Left Exterior Girder	0	0.95	1	1	7.008481
SU5_str	BOBJ1	545	After	Interior Girder 1	0	0.95	1	1	6.28886
SU5_str	BOBJ1	545	After	Interior Girder 2	0	0.95	1	1	6.28886
SU5_str	BOBJ1	545	After	Right Exterior Girder	0	0.95	1	1	7.00848
SU5_str	BOBJ1	556.25	Before	Left Exterior Girder	11.25	0.95	1	1	11.630349
SU5_str	BOBJ1	556.25	Before	Interior Girder 1	11.25	0.95	1	1	10.92517
SU5_str	BOBJ1	556.25	Before	Interior Girder 2	11.25	0.95	1	1	10.92517
SU5_str	BOBJ1	556.25	Before	Right Exterior Girder	11.25	0.95	1	1	11.630349
SU5_str	BOBJ1	556.25	After	Left Exterior Girder	11.25	0.95	1	1	11.643663
SU5_str	BOBJ1	556.25	After	Interior Girder 1	11.25	0.95	1	1	10.947876
SU5_str	BOBJ1	556.25	After	Interior Girder 2	11.25	0.95	1	1	10.947876
SU5_str	BOBJ1	556.25	After	Right Exterior Girder	11.25	0.95	1	1	11.643662

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelNonCompStrgth-Flx - Main Span Girders									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
SU5_str	BOBJ1	559.4358	Before	Left Exterior Girder	14.4358	0.95	1	1	13.079972
SU5_str	BOBJ1	559.4358	Before	Interior Girder 1	14.4358	0.95	1	1	12.482648
SU5_str	BOBJ1	559.4358	Before	Interior Girder 2	14.4358	0.95	1	1	12.482648
SU5_str	BOBJ1	559.4358	Before	Right Exterior Girder	14.4358	0.95	1	1	13.079972
SU5_str	BOBJ1	559.4358	After	Left Exterior Girder	14.4358	0.95	1	1	8.506044
SU5_str	BOBJ1	559.4358	After	Interior Girder 1	14.4358	0.95	1	1	8.093565
SU5_str	BOBJ1	559.4358	After	Interior Girder 2	14.4358	0.95	1	1	8.093565
SU5_str	BOBJ1	559.4358	After	Right Exterior Girder	14.4358	0.95	1	1	8.506044
SU5_str	BOBJ1	567.5	Before	Left Exterior Girder	22.5	0.95	1	1	11.742665
SU5_str	BOBJ1	567.5	Before	Interior Girder 1	22.5	0.95	1	1	10.765775
SU5_str	BOBJ1	567.5	Before	Interior Girder 2	22.5	0.95	1	1	10.765775
SU5_str	BOBJ1	567.5	Before	Right Exterior Girder	22.5	0.95	1	1	11.742665
SU5_str	BOBJ1	567.5	After	Left Exterior Girder	22.5	0.95	1	1	12.511198
SU5_str	BOBJ1	567.5	After	Interior Girder 1	22.5	0.95	1	1	11.651979
SU5_str	BOBJ1	567.5	After	Interior Girder 2	22.5	0.95	1	1	11.651979
SU5_str	BOBJ1	567.5	After	Right Exterior Girder	22.5	0.95	1	1	12.511198
SU5_str	BOBJ1	570.0586	Before	Left Exterior Girder	25.0586	0.95	1	1	13.658166
SU5_str	BOBJ1	570.0586	Before	Interior Girder 1	25.0586	0.95	1	1	12.44254
SU5_str	BOBJ1	570.0586	Before	Interior Girder 2	25.0586	0.95	1	1	12.44254
SU5_str	BOBJ1	570.0586	Before	Right Exterior Girder	25.0586	0.95	1	1	13.658166
SU5_str	BOBJ1	570.0586	After	Left Exterior Girder	25.0586	0.95	1	1	8.153104
SU5_str	BOBJ1	570.0586	After	Interior Girder 1	25.0586	0.95	1	1	7.411656
SU5_str	BOBJ1	570.0586	After	Interior Girder 2	25.0586	0.95	1	1	7.411656
SU5_str	BOBJ1	570.0586	After	Right Exterior Girder	25.0586	0.95	1	1	8.153104
SU5_str	BOBJ1	578.75	Before	Left Exterior Girder	33.75	0.95	1	1	10.747707
SU5_str	BOBJ1	578.75	Before	Interior Girder 1	33.75	0.95	1	1	9.89953
SU5_str	BOBJ1	578.75	Before	Interior Girder 2	33.75	0.95	1	1	9.89953
SU5_str	BOBJ1	578.75	Before	Right Exterior Girder	33.75	0.95	1	1	10.747707
SU5_str	BOBJ1	578.75	After	Left Exterior Girder	33.75	0.95	1	1	10.721682
SU5_str	BOBJ1	578.75	After	Interior Girder 1	33.75	0.95	1	1	9.917795
SU5_str	BOBJ1	578.75	After	Interior Girder 2	33.75	0.95	1	1	9.917795
SU5_str	BOBJ1	578.75	After	Right Exterior Girder	33.75	0.95	1	1	10.721681
SU5_str	BOBJ1	586.8142	Before	Left Exterior Girder	41.8142	0.95	1	1	13.080609
SU5_str	BOBJ1	586.8142	Before	Interior Girder 1	41.8142	0.95	1	1	12.31093
SU5_str	BOBJ1	586.8142	Before	Interior Girder 2	41.8142	0.95	1	1	12.31093
SU5_str	BOBJ1	586.8142	Before	Right Exterior Girder	41.8142	0.95	1	1	13.080608
SU5_str	BOBJ1	586.8142	After	Left Exterior Girder	41.8142	0.95	1	1	6.064458
SU5_str	BOBJ1	586.8142	After	Interior Girder 1	41.8142	0.95	1	1	5.701436
SU5_str	BOBJ1	586.8142	After	Interior Girder 2	41.8142	0.95	1	1	5.701436
SU5_str	BOBJ1	586.8142	After	Right Exterior Girder	41.8142	0.95	1	1	6.064458
SU5_str	BOBJ1	590	Before	Left Exterior Girder	45	0.95	1	1	6.892135
SU5_str	BOBJ1	590	Before	Interior Girder 1	45	0.95	1	1	6.534202
SU5_str	BOBJ1	590	Before	Interior Girder 2	45	0.95	1	1	6.534202
SU5_str	BOBJ1	590	Before	Right Exterior Girder	45	0.95	1	1	6.892135
SU5_str	BOBJ1	590	After	Left Exterior Girder	45	0.95	1	1	4.496899
SU5_str	BOBJ1	590	After	Interior Girder 1	45	0.95	1	1	4.29553
SU5_str	BOBJ1	590	After	Interior Girder 2	45	0.95	1	1	4.29553
SU5_str	BOBJ1	590	After	Right Exterior Girder	45	0.95	1	1	4.496899
SU5_str	BOBJ1	601.25	Before	Left Exterior Girder	56.25	0.95	1	1	7.339448
SU5_str	BOBJ1	601.25	Before	Interior Girder 1	56.25	0.95	1	1	7.116381
SU5_str	BOBJ1	601.25	Before	Interior Girder 2	56.25	0.95	1	1	7.116381
SU5_str	BOBJ1	601.25	Before	Right Exterior Girder	56.25	0.95	1	1	7.339448
SU5_str	BOBJ1	601.25	After	Left Exterior Girder	56.25	0.95	1	1	7.323711
SU5_str	BOBJ1	601.25	After	Interior Girder 1	56.25	0.95	1	1	7.130879
SU5_str	BOBJ1	601.25	After	Interior Girder 2	56.25	0.95	1	1	7.130879
SU5_str	BOBJ1	601.25	After	Right Exterior Girder	56.25	0.95	1	1	7.323711
SU5_str	BOBJ1	601.7478	Before	Left Exterior Girder	56.7478	0.95	1	1	7.452211
SU5_str	BOBJ1	601.7478	Before	Interior Girder 1	56.7478	0.95	1	1	7.259715
SU5_str	BOBJ1	601.7478	Before	Interior Girder 2	56.7478	0.95	1	1	7.259715
SU5_str	BOBJ1	601.7478	Before	Right Exterior Girder	56.7478	0.95	1	1	7.452211
SU5_str	BOBJ1	601.7478	After	Left Exterior Girder	56.7478	0.95	1	1	2.368851
SU5_str	BOBJ1	601.7478	After	Interior Girder 1	56.7478	0.95	1	1	2.332875
SU5_str	BOBJ1	601.7478	After	Interior Girder 2	56.7478	0.95	1	1	2.332875
SU5_str	BOBJ1	601.7478	After	Right Exterior Girder	56.7478	0.95	1	1	2.368851
SU5_str	BOBJ1	612.5	Before	Left Exterior Girder	67.5	0.95	1	1	4.857846
SU5_str	BOBJ1	612.5	Before	Interior Girder 1	67.5	0.95	1	1	4.812415
SU5_str	BOBJ1	612.5	Before	Interior Girder 2	67.5	0.95	1	1	4.812415
SU5_str	BOBJ1	612.5	Before	Right Exterior Girder	67.5	0.95	1	1	4.857846

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelNonCompStrgth-Flx - Main Span Girders									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
SU5_str	BOBJ1	612.5	After	Left Exterior Girder	67.5	0.95	1	1	6.837252
SU5_str	BOBJ1	612.5	After	Interior Girder 1	67.5	0.95	1	1	6.808498
SU5_str	BOBJ1	612.5	After	Interior Girder 2	67.5	0.95	1	1	6.808498
SU5_str	BOBJ1	612.5	After	Right Exterior Girder	67.5	0.95	1	1	6.837252
SU5_str	BOBJ1	623.75	Before	Left Exterior Girder	78.75	0.95	1	1	6.218373
SU5_str	BOBJ1	623.75	Before	Interior Girder 1	78.75	0.95	1	1	5.145161
SU5_str	BOBJ1	623.75	Before	Interior Girder 2	78.75	0.95	1	1	5.145161
SU5_str	BOBJ1	623.75	Before	Right Exterior Girder	78.75	0.95	1	1	6.218374
SU5_str	BOBJ1	623.75	After	Left Exterior Girder	78.75	0.95	1	1	6.222198
SU5_str	BOBJ1	623.75	After	Interior Girder 1	78.75	0.95	1	1	5.140559
SU5_str	BOBJ1	623.75	After	Interior Girder 2	78.75	0.95	1	1	5.140559
SU5_str	BOBJ1	623.75	After	Right Exterior Girder	78.75	0.95	1	1	6.222198
SU5_str	BOBJ1	635	Before	Left Exterior Girder	90	0.95	1	1	4.351389
SU5_str	BOBJ1	635	Before	Interior Girder 1	90	0.95	1	1	3.777006
SU5_str	BOBJ1	635	Before	Interior Girder 2	90	0.95	1	1	3.777006
SU5_str	BOBJ1	635	Before	Right Exterior Girder	90	0.95	1	1	4.351389
SU5_str	BOBJ1	635	After	Left Exterior Girder	90	0.95	1	1	4.427175
SU5_str	BOBJ1	635	After	Interior Girder 1	90	0.95	1	1	3.795096
SU5_str	BOBJ1	635	After	Interior Girder 2	90	0.95	1	1	3.795096
SU5_str	BOBJ1	635	After	Right Exterior Girder	90	0.95	1	1	4.427175
SU5_str	BOBJ1	643.5619	Before	Left Exterior Girder	98.5619	0.95	1	1	3.462505
SU5_str	BOBJ1	643.5619	Before	Interior Girder 1	98.5619	0.95	1	1	2.996421
SU5_str	BOBJ1	643.5619	Before	Interior Girder 2	98.5619	0.95	1	1	2.996421
SU5_str	BOBJ1	643.5619	Before	Right Exterior Girder	98.5619	0.95	1	1	3.462505
SU5_str	BOBJ1	643.5619	After	Left Exterior Girder	98.5619	0.95	1	1	6.553128
SU5_str	BOBJ1	643.5619	After	Interior Girder 1	98.5619	0.95	1	1	5.660443
SU5_str	BOBJ1	643.5619	After	Interior Girder 2	98.5619	0.95	1	1	5.660443
SU5_str	BOBJ1	643.5619	After	Right Exterior Girder	98.5619	0.95	1	1	6.553128
SU5_str	BOBJ1	646.25	Before	Left Exterior Girder	101.25	0.95	1	1	6.23463
SU5_str	BOBJ1	646.25	Before	Interior Girder 1	101.25	0.95	1	1	5.411805
SU5_str	BOBJ1	646.25	Before	Interior Girder 2	101.25	0.95	1	1	5.411805
SU5_str	BOBJ1	646.25	Before	Right Exterior Girder	101.25	0.95	1	1	6.23463
SU5_str	BOBJ1	646.25	After	Left Exterior Girder	101.25	0.95	1	1	6.230333
SU5_str	BOBJ1	646.25	After	Interior Girder 1	101.25	0.95	1	1	5.413956
SU5_str	BOBJ1	646.25	After	Interior Girder 2	101.25	0.95	1	1	5.413955
SU5_str	BOBJ1	646.25	After	Right Exterior Girder	101.25	0.95	1	1	6.230333
SU5_str	BOBJ1	657.5	Before	Left Exterior Girder	112.5	0.95	1	1	5.169107
SU5_str	BOBJ1	657.5	Before	Interior Girder 1	112.5	0.95	1	1	4.617928
SU5_str	BOBJ1	657.5	Before	Interior Girder 2	112.5	0.95	1	1	4.617928
SU5_str	BOBJ1	657.5	Before	Right Exterior Girder	112.5	0.95	1	1	5.169107
SU5_str	BOBJ1	657.5	After	Left Exterior Girder	112.5	0.95	1	1	5.200666
SU5_str	BOBJ1	657.5	After	Interior Girder 1	112.5	0.95	1	1	4.622778
SU5_str	BOBJ1	657.5	After	Interior Girder 2	112.5	0.95	1	1	4.622777
SU5_str	BOBJ1	657.5	After	Right Exterior Girder	112.5	0.95	1	1	5.200666
SU5_str	BOBJ1	668.75	Before	Left Exterior Girder	123.75	0.95	1	1	4.580191
SU5_str	BOBJ1	668.75	Before	Interior Girder 1	123.75	0.95	1	1	4.051405
SU5_str	BOBJ1	668.75	Before	Interior Girder 2	123.75	0.95	1	1	4.051405
SU5_str	BOBJ1	668.75	Before	Right Exterior Girder	123.75	0.95	1	1	4.58019
SU5_str	BOBJ1	668.75	After	Left Exterior Girder	123.75	0.95	1	1	4.586179
SU5_str	BOBJ1	668.75	After	Interior Girder 1	123.75	0.95	1	1	4.054343
SU5_str	BOBJ1	668.75	After	Interior Girder 2	123.75	0.95	1	1	4.054343
SU5_str	BOBJ1	668.75	After	Right Exterior Girder	123.75	0.95	1	1	4.586179
SU5_str	BOBJ1	680	Before	Left Exterior Girder	135	0.95	1	1	4.206516
SU5_str	BOBJ1	680	Before	Interior Girder 1	135	0.95	1	1	3.782218
SU5_str	BOBJ1	680	Before	Interior Girder 2	135	0.95	1	1	3.782218
SU5_str	BOBJ1	680	Before	Right Exterior Girder	135	0.95	1	1	4.206515
SU5_str	BOBJ1	680	After	Left Exterior Girder	135	0.95	1	1	4.204129
SU5_str	BOBJ1	680	After	Interior Girder 1	135	0.95	1	1	3.7891
SU5_str	BOBJ1	680	After	Interior Girder 2	135	0.95	1	1	3.7891
SU5_str	BOBJ1	680	After	Right Exterior Girder	135	0.95	1	1	4.204129
SU5_str	BOBJ1	691.25	Before	Left Exterior Girder	146.25	0.95	1	1	4.127502
SU5_str	BOBJ1	691.25	Before	Interior Girder 1	146.25	0.95	1	1	3.63883
SU5_str	BOBJ1	691.25	Before	Interior Girder 2	146.25	0.95	1	1	3.63883
SU5_str	BOBJ1	691.25	Before	Right Exterior Girder	146.25	0.95	1	1	4.127502
SU5_str	BOBJ1	691.25	After	Left Exterior Girder	146.25	0.95	1	1	4.131716
SU5_str	BOBJ1	691.25	After	Interior Girder 1	146.25	0.95	1	1	3.636685
SU5_str	BOBJ1	691.25	After	Interior Girder 2	146.25	0.95	1	1	3.636685
SU5_str	BOBJ1	691.25	After	Right Exterior Girder	146.25	0.95	1	1	4.131716

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelNonCompStrgth-Flx - Main Span Girders									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
SU5_str	BOBJ1	702.5	Before	Left Exterior Girder	157.5	0.95	1	1	4.296003
SU5_str	BOBJ1	702.5	Before	Interior Girder 1	157.5	0.95	1	1	3.768816
SU5_str	BOBJ1	702.5	Before	Interior Girder 2	157.5	0.95	1	1	3.768816
SU5_str	BOBJ1	702.5	Before	Right Exterior Girder	157.5	0.95	1	1	4.296003
SU5_str	BOBJ1	702.5	After	Left Exterior Girder	157.5	0.95	1	1	4.257925
SU5_str	BOBJ1	702.5	After	Interior Girder 1	157.5	0.95	1	1	3.784814
SU5_str	BOBJ1	702.5	After	Interior Girder 2	157.5	0.95	1	1	3.784814
SU5_str	BOBJ1	702.5	After	Right Exterior Girder	157.5	0.95	1	1	4.257924
SU5_str	BOBJ1	713.75	Before	Left Exterior Girder	168.75	0.95	1	1	4.811639
SU5_str	BOBJ1	713.75	Before	Interior Girder 1	168.75	0.95	1	1	4.089628
SU5_str	BOBJ1	713.75	Before	Interior Girder 2	168.75	0.95	1	1	4.089628
SU5_str	BOBJ1	713.75	Before	Right Exterior Girder	168.75	0.95	1	1	4.811639
SU5_str	BOBJ1	713.75	After	Left Exterior Girder	168.75	0.95	1	1	4.812589
SU5_str	BOBJ1	713.75	After	Interior Girder 1	168.75	0.95	1	1	4.090945
SU5_str	BOBJ1	713.75	After	Interior Girder 2	168.75	0.95	1	1	4.090945
SU5_str	BOBJ1	713.75	After	Right Exterior Girder	168.75	0.95	1	1	4.812589
SU5_str	BOBJ1	725	Before	Left Exterior Girder	180	0.95	1	1	5.853413
SU5_str	BOBJ1	725	Before	Interior Girder 1	180	0.95	1	1	4.84068
SU5_str	BOBJ1	725	Before	Interior Girder 2	180	0.95	1	1	4.84068
SU5_str	BOBJ1	725	Before	Right Exterior Girder	180	0.95	1	1	5.853412
SU5_str	BOBJ1	725	After	Left Exterior Girder	180	0.95	1	1	5.794226
SU5_str	BOBJ1	725	After	Interior Girder 1	180	0.95	1	1	4.885469
SU5_str	BOBJ1	725	After	Interior Girder 2	180	0.95	1	1	4.885469
SU5_str	BOBJ1	725	After	Right Exterior Girder	180	0.95	1	1	5.794226
SU5_str	BOBJ1	731.1726	Before	Left Exterior Girder	186.1726	0.95	1	1	6.774413
SU5_str	BOBJ1	731.1726	Before	Interior Girder 1	186.1726	0.95	1	1	5.471514
SU5_str	BOBJ1	731.1726	Before	Interior Girder 2	186.1726	0.95	1	1	5.471514
SU5_str	BOBJ1	731.1726	Before	Right Exterior Girder	186.1726	0.95	1	1	6.774413
SU5_str	BOBJ1	731.1726	After	Left Exterior Girder	186.1726	0.95	1	1	2.909214
SU5_str	BOBJ1	731.1726	After	Interior Girder 1	186.1726	0.95	1	1	2.339789
SU5_str	BOBJ1	731.1726	After	Interior Girder 2	186.1726	0.95	1	1	2.339789
SU5_str	BOBJ1	731.1726	After	Right Exterior Girder	186.1726	0.95	1	1	2.909214
SU5_str	BOBJ1	736.25	Before	Left Exterior Girder	191.25	0.95	1	1	3.584104
SU5_str	BOBJ1	736.25	Before	Interior Girder 1	191.25	0.95	1	1	2.776151
SU5_str	BOBJ1	736.25	Before	Interior Girder 2	191.25	0.95	1	1	2.776151
SU5_str	BOBJ1	736.25	Before	Right Exterior Girder	191.25	0.95	1	1	3.584104
SU5_str	BOBJ1	736.25	After	Left Exterior Girder	191.25	0.95	1	1	3.573312
SU5_str	BOBJ1	736.25	After	Interior Girder 1	191.25	0.95	1	1	2.776957
SU5_str	BOBJ1	736.25	After	Interior Girder 2	191.25	0.95	1	1	2.776957
SU5_str	BOBJ1	736.25	After	Right Exterior Girder	191.25	0.95	1	1	3.573312
SU5_str	BOBJ1	747.5	Before	Left Exterior Girder	202.5	0.95	1	1	6.209655
SU5_str	BOBJ1	747.5	Before	Interior Girder 1	202.5	0.95	1	1	4.525414
SU5_str	BOBJ1	747.5	Before	Interior Girder 2	202.5	0.95	1	1	4.525414
SU5_str	BOBJ1	747.5	Before	Right Exterior Girder	202.5	0.95	1	1	6.209655
SU5_str	BOBJ1	747.5	After	Left Exterior Girder	202.5	0.95	1	1	5.956339
SU5_str	BOBJ1	747.5	After	Interior Girder 1	202.5	0.95	1	1	4.466414
SU5_str	BOBJ1	747.5	After	Interior Girder 2	202.5	0.95	1	1	4.466414
SU5_str	BOBJ1	747.5	After	Right Exterior Girder	202.5	0.95	1	1	5.956338
SU5_str	BOBJ1	758.75	Before	Left Exterior Girder	213.75	0.95	1	1	14.01539
SU5_str	BOBJ1	758.75	Before	Interior Girder 1	213.75	0.95	1	1	9.281896
SU5_str	BOBJ1	758.75	Before	Interior Girder 2	213.75	0.95	1	1	9.281896
SU5_str	BOBJ1	758.75	Before	Right Exterior Girder	213.75	0.95	1	1	14.015385
SU5_str	BOBJ1	758.75	After	Left Exterior Girder	213.75	0.95	1	1	13.976543
SU5_str	BOBJ1	758.75	After	Interior Girder 1	213.75	0.95	1	1	9.16295
SU5_str	BOBJ1	758.75	After	Interior Girder 2	213.75	0.95	1	1	9.16295
SU5_str	BOBJ1	758.75	After	Right Exterior Girder	213.75	0.95	1	1	13.976539
SU5_str	BOBJ1	770	Before	Left Exterior Girder	225	0.95	1	1	291.384437
SU5_str	BOBJ1	770	Before	Interior Girder 1	225	0.95	1	1	241.246759
SU5_str	BOBJ1	770	Before	Interior Girder 2	225	0.95	1	1	241.245912
SU5_str	BOBJ1	770	Before	Right Exterior Girder	225	0.95	1	1	291.385896
SU6_str	BOBJ1	0	After	Left Exterior Girder	0	0.95	1	1	260.242793
SU6_str	BOBJ1	0	After	Interior Girder 1	0	0.95	1	1	215.679778
SU6_str	BOBJ1	0	After	Interior Girder 2	0	0.95	1	1	215.679536
SU6_str	BOBJ1	0	After	Right Exterior Girder	0	0.95	1	1	260.242784
SU6_str	BOBJ1	11.25	Before	Left Exterior Girder	11.25	0.95	1	1	12.707042
SU6_str	BOBJ1	11.25	Before	Interior Girder 1	11.25	0.95	1	1	8.415317
SU6_str	BOBJ1	11.25	Before	Interior Girder 2	11.25	0.95	1	1	8.415319
SU6_str	BOBJ1	11.25	Before	Right Exterior Girder	11.25	0.95	1	1	12.707041

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelNonCompStrgth-Flx - Main Span Girders									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
SU6_str	BOBJ1	11.25	After	Left Exterior Girder	11.25	0.95	1	1	12.752887
SU6_str	BOBJ1	11.25	After	Interior Girder 1	11.25	0.95	1	1	8.517192
SU6_str	BOBJ1	11.25	After	Interior Girder 2	11.25	0.95	1	1	8.517194
SU6_str	BOBJ1	11.25	After	Right Exterior Girder	11.25	0.95	1	1	12.752886
SU6_str	BOBJ1	22.5	Before	Left Exterior Girder	22.5	0.95	1	1	5.361754
SU6_str	BOBJ1	22.5	Before	Interior Girder 1	22.5	0.95	1	1	4.013962
SU6_str	BOBJ1	22.5	Before	Interior Girder 2	22.5	0.95	1	1	4.013963
SU6_str	BOBJ1	22.5	Before	Right Exterior Girder	22.5	0.95	1	1	5.361754
SU6_str	BOBJ1	22.5	After	Left Exterior Girder	22.5	0.95	1	1	5.574893
SU6_str	BOBJ1	22.5	After	Interior Girder 1	22.5	0.95	1	1	4.064209
SU6_str	BOBJ1	22.5	After	Interior Girder 2	22.5	0.95	1	1	4.06421
SU6_str	BOBJ1	22.5	After	Right Exterior Girder	22.5	0.95	1	1	5.574893
SU6_str	BOBJ1	33.75	Before	Left Exterior Girder	33.75	0.95	1	1	3.197427
SU6_str	BOBJ1	33.75	Before	Interior Girder 1	33.75	0.95	1	1	2.495552
SU6_str	BOBJ1	33.75	Before	Interior Girder 2	33.75	0.95	1	1	2.495552
SU6_str	BOBJ1	33.75	Before	Right Exterior Girder	33.75	0.95	1	1	3.197427
SU6_str	BOBJ1	33.75	After	Left Exterior Girder	33.75	0.95	1	1	3.206538
SU6_str	BOBJ1	33.75	After	Interior Girder 1	33.75	0.95	1	1	2.496098
SU6_str	BOBJ1	33.75	After	Interior Girder 2	33.75	0.95	1	1	2.496098
SU6_str	BOBJ1	33.75	After	Right Exterior Girder	33.75	0.95	1	1	3.206538
SU6_str	BOBJ1	38.8274	Before	Left Exterior Girder	38.8274	0.95	1	1	2.601987
SU6_str	BOBJ1	38.8274	Before	Interior Girder 1	38.8274	0.95	1	1	2.105286
SU6_str	BOBJ1	38.8274	Before	Interior Girder 2	38.8274	0.95	1	1	2.105286
SU6_str	BOBJ1	38.8274	Before	Right Exterior Girder	38.8274	0.95	1	1	2.601987
SU6_str	BOBJ1	38.8274	After	Left Exterior Girder	38.8274	0.95	1	1	6.058255
SU6_str	BOBJ1	38.8274	After	Interior Girder 1	38.8274	0.95	1	1	4.924922
SU6_str	BOBJ1	38.8274	After	Interior Girder 2	38.8274	0.95	1	1	4.924923
SU6_str	BOBJ1	38.8274	After	Right Exterior Girder	38.8274	0.95	1	1	6.058255
SU6_str	BOBJ1	45	Before	Left Exterior Girder	45	0.95	1	1	5.190042
SU6_str	BOBJ1	45	Before	Interior Girder 1	45	0.95	1	1	4.404768
SU6_str	BOBJ1	45	Before	Interior Girder 2	45	0.95	1	1	4.404768
SU6_str	BOBJ1	45	Before	Right Exterior Girder	45	0.95	1	1	5.190042
SU6_str	BOBJ1	45	After	Left Exterior Girder	45	0.95	1	1	5.250165
SU6_str	BOBJ1	45	After	Interior Girder 1	45	0.95	1	1	4.363956
SU6_str	BOBJ1	45	After	Interior Girder 2	45	0.95	1	1	4.363956
SU6_str	BOBJ1	45	After	Right Exterior Girder	45	0.95	1	1	5.250165
SU6_str	BOBJ1	56.25	Before	Left Exterior Girder	56.25	0.95	1	1	4.318244
SU6_str	BOBJ1	56.25	Before	Interior Girder 1	56.25	0.95	1	1	3.683812
SU6_str	BOBJ1	56.25	Before	Interior Girder 2	56.25	0.95	1	1	3.683811
SU6_str	BOBJ1	56.25	Before	Right Exterior Girder	56.25	0.95	1	1	4.318244
SU6_str	BOBJ1	56.25	After	Left Exterior Girder	56.25	0.95	1	1	4.318076
SU6_str	BOBJ1	56.25	After	Interior Girder 1	56.25	0.95	1	1	3.680715
SU6_str	BOBJ1	56.25	After	Interior Girder 2	56.25	0.95	1	1	3.680715
SU6_str	BOBJ1	56.25	After	Right Exterior Girder	56.25	0.95	1	1	4.318076
SU6_str	BOBJ1	67.5	Before	Left Exterior Girder	67.5	0.95	1	1	3.81384
SU6_str	BOBJ1	67.5	Before	Interior Girder 1	67.5	0.95	1	1	3.398887
SU6_str	BOBJ1	67.5	Before	Interior Girder 2	67.5	0.95	1	1	3.398887
SU6_str	BOBJ1	67.5	Before	Right Exterior Girder	67.5	0.95	1	1	3.81384
SU6_str	BOBJ1	67.5	After	Left Exterior Girder	67.5	0.95	1	1	3.846044
SU6_str	BOBJ1	67.5	After	Interior Girder 1	67.5	0.95	1	1	3.381842
SU6_str	BOBJ1	67.5	After	Interior Girder 2	67.5	0.95	1	1	3.381841
SU6_str	BOBJ1	67.5	After	Right Exterior Girder	67.5	0.95	1	1	3.846045
SU6_str	BOBJ1	78.75	Before	Left Exterior Girder	78.75	0.95	1	1	3.698821
SU6_str	BOBJ1	78.75	Before	Interior Girder 1	78.75	0.95	1	1	3.260796
SU6_str	BOBJ1	78.75	Before	Interior Girder 2	78.75	0.95	1	1	3.260795
SU6_str	BOBJ1	78.75	Before	Right Exterior Girder	78.75	0.95	1	1	3.698821
SU6_str	BOBJ1	78.75	After	Left Exterior Girder	78.75	0.95	1	1	3.69514
SU6_str	BOBJ1	78.75	After	Interior Girder 1	78.75	0.95	1	1	3.261062
SU6_str	BOBJ1	78.75	After	Interior Girder 2	78.75	0.95	1	1	3.261062
SU6_str	BOBJ1	78.75	After	Right Exterior Girder	78.75	0.95	1	1	3.695141
SU6_str	BOBJ1	90	Before	Left Exterior Girder	90	0.95	1	1	3.75939
SU6_str	BOBJ1	90	Before	Interior Girder 1	90	0.95	1	1	3.391834
SU6_str	BOBJ1	90	Before	Interior Girder 2	90	0.95	1	1	3.391834
SU6_str	BOBJ1	90	Before	Right Exterior Girder	90	0.95	1	1	3.75939
SU6_str	BOBJ1	90	After	Left Exterior Girder	90	0.95	1	1	3.76039
SU6_str	BOBJ1	90	After	Interior Girder 1	90	0.95	1	1	3.383935
SU6_str	BOBJ1	90	After	Interior Girder 2	90	0.95	1	1	3.383935
SU6_str	BOBJ1	90	After	Right Exterior Girder	90	0.95	1	1	3.76039

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelNonCompStrgth-Flx - Main Span Girders									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
SU6_str	BOBJ1	101.25	Before	Left Exterior Girder	101.25	0.95	1	1	4.10016
SU6_str	BOBJ1	101.25	Before	Interior Girder 1	101.25	0.95	1	1	3.630185
SU6_str	BOBJ1	101.25	Before	Interior Girder 2	101.25	0.95	1	1	3.630185
SU6_str	BOBJ1	101.25	Before	Right Exterior Girder	101.25	0.95	1	1	4.10016
SU6_str	BOBJ1	101.25	After	Left Exterior Girder	101.25	0.95	1	1	4.094734
SU6_str	BOBJ1	101.25	After	Interior Girder 1	101.25	0.95	1	1	3.629391
SU6_str	BOBJ1	101.25	After	Interior Girder 2	101.25	0.95	1	1	3.629391
SU6_str	BOBJ1	101.25	After	Right Exterior Girder	101.25	0.95	1	1	4.094734
SU6_str	BOBJ1	112.5	Before	Left Exterior Girder	112.5	0.95	1	1	4.653749
SU6_str	BOBJ1	112.5	Before	Interior Girder 1	112.5	0.95	1	1	4.139808
SU6_str	BOBJ1	112.5	Before	Interior Girder 2	112.5	0.95	1	1	4.139809
SU6_str	BOBJ1	112.5	Before	Right Exterior Girder	112.5	0.95	1	1	4.653749
SU6_str	BOBJ1	112.5	After	Left Exterior Girder	112.5	0.95	1	1	4.628145
SU6_str	BOBJ1	112.5	After	Interior Girder 1	112.5	0.95	1	1	4.138495
SU6_str	BOBJ1	112.5	After	Interior Girder 2	112.5	0.95	1	1	4.138495
SU6_str	BOBJ1	112.5	After	Right Exterior Girder	112.5	0.95	1	1	4.628144
SU6_str	BOBJ1	123.75	Before	Left Exterior Girder	123.75	0.95	1	1	5.582035
SU6_str	BOBJ1	123.75	Before	Interior Girder 1	123.75	0.95	1	1	4.855908
SU6_str	BOBJ1	123.75	Before	Interior Girder 2	123.75	0.95	1	1	4.855909
SU6_str	BOBJ1	123.75	Before	Right Exterior Girder	123.75	0.95	1	1	5.582035
SU6_str	BOBJ1	123.75	After	Left Exterior Girder	123.75	0.95	1	1	5.586316
SU6_str	BOBJ1	123.75	After	Interior Girder 1	123.75	0.95	1	1	4.855609
SU6_str	BOBJ1	123.75	After	Interior Girder 2	123.75	0.95	1	1	4.85561
SU6_str	BOBJ1	123.75	After	Right Exterior Girder	123.75	0.95	1	1	5.586315
SU6_str	BOBJ1	126.4381	Before	Left Exterior Girder	126.4381	0.95	1	1	5.872629
SU6_str	BOBJ1	126.4381	Before	Interior Girder 1	126.4381	0.95	1	1	5.080604
SU6_str	BOBJ1	126.4381	Before	Interior Girder 2	126.4381	0.95	1	1	5.080604
SU6_str	BOBJ1	126.4381	Before	Right Exterior Girder	126.4381	0.95	1	1	5.872629
SU6_str	BOBJ1	126.4381	After	Left Exterior Girder	126.4381	0.95	1	1	3.103477
SU6_str	BOBJ1	126.4381	After	Interior Girder 1	126.4381	0.95	1	1	2.689893
SU6_str	BOBJ1	126.4381	After	Interior Girder 2	126.4381	0.95	1	1	2.689893
SU6_str	BOBJ1	126.4381	After	Right Exterior Girder	126.4381	0.95	1	1	3.103477
SU6_str	BOBJ1	135	Before	Left Exterior Girder	135	0.95	1	1	3.969016
SU6_str	BOBJ1	135	Before	Interior Girder 1	135	0.95	1	1	3.404592
SU6_str	BOBJ1	135	Before	Interior Girder 2	135	0.95	1	1	3.404593
SU6_str	BOBJ1	135	Before	Right Exterior Girder	135	0.95	1	1	3.969016
SU6_str	BOBJ1	135	After	Left Exterior Girder	135	0.95	1	1	3.903475
SU6_str	BOBJ1	135	After	Interior Girder 1	135	0.95	1	1	3.390787
SU6_str	BOBJ1	135	After	Interior Girder 2	135	0.95	1	1	3.390787
SU6_str	BOBJ1	135	After	Right Exterior Girder	135	0.95	1	1	3.903475
SU6_str	BOBJ1	146.25	Before	Left Exterior Girder	146.25	0.95	1	1	5.578194
SU6_str	BOBJ1	146.25	Before	Interior Girder 1	146.25	0.95	1	1	4.612845
SU6_str	BOBJ1	146.25	Before	Interior Girder 2	146.25	0.95	1	1	4.612844
SU6_str	BOBJ1	146.25	Before	Right Exterior Girder	146.25	0.95	1	1	5.578194
SU6_str	BOBJ1	146.25	After	Left Exterior Girder	146.25	0.95	1	1	5.575977
SU6_str	BOBJ1	146.25	After	Interior Girder 1	146.25	0.95	1	1	4.618861
SU6_str	BOBJ1	146.25	After	Interior Girder 2	146.25	0.95	1	1	4.618861
SU6_str	BOBJ1	146.25	After	Right Exterior Girder	146.25	0.95	1	1	5.575977
SU6_str	BOBJ1	157.5	Before	Left Exterior Girder	157.5	0.95	1	1	6.101339
SU6_str	BOBJ1	157.5	Before	Interior Girder 1	157.5	0.95	1	1	6.075903
SU6_str	BOBJ1	157.5	Before	Interior Girder 2	157.5	0.95	1	1	6.075903
SU6_str	BOBJ1	157.5	Before	Right Exterior Girder	157.5	0.95	1	1	6.101339
SU6_str	BOBJ1	157.5	After	Left Exterior Girder	157.5	0.95	1	1	4.335023
SU6_str	BOBJ1	157.5	After	Interior Girder 1	157.5	0.95	1	1	4.294583
SU6_str	BOBJ1	157.5	After	Interior Girder 2	157.5	0.95	1	1	4.294583
SU6_str	BOBJ1	157.5	After	Right Exterior Girder	157.5	0.95	1	1	4.335023
SU6_str	BOBJ1	168.2522	Before	Left Exterior Girder	168.2522	0.95	1	1	2.116514
SU6_str	BOBJ1	168.2522	Before	Interior Girder 1	168.2522	0.95	1	1	2.078402
SU6_str	BOBJ1	168.2522	Before	Interior Girder 2	168.2522	0.95	1	1	2.078402
SU6_str	BOBJ1	168.2522	Before	Right Exterior Girder	168.2522	0.95	1	1	2.116514
SU6_str	BOBJ1	168.2522	After	Left Exterior Girder	168.2522	0.95	1	1	6.655372
SU6_str	BOBJ1	168.2522	After	Interior Girder 1	168.2522	0.95	1	1	6.472297
SU6_str	BOBJ1	168.2522	After	Interior Girder 2	168.2522	0.95	1	1	6.472296
SU6_str	BOBJ1	168.2522	After	Right Exterior Girder	168.2522	0.95	1	1	6.655373
SU6_str	BOBJ1	168.75	Before	Left Exterior Girder	168.75	0.95	1	1	6.535763
SU6_str	BOBJ1	168.75	Before	Interior Girder 1	168.75	0.95	1	1	6.363465
SU6_str	BOBJ1	168.75	Before	Interior Girder 2	168.75	0.95	1	1	6.363465
SU6_str	BOBJ1	168.75	Before	Right Exterior Girder	168.75	0.95	1	1	6.535763

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelNonCompStrgth-Flx - Main Span Girders									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
SU6_str	BOBJ1	168.75	After	Left Exterior Girder	168.75	0.95	1	1	6.549764
SU6_str	BOBJ1	168.75	After	Interior Girder 1	168.75	0.95	1	1	6.350618
SU6_str	BOBJ1	168.75	After	Interior Girder 2	168.75	0.95	1	1	6.350618
SU6_str	BOBJ1	168.75	After	Right Exterior Girder	168.75	0.95	1	1	6.549764
SU6_str	BOBJ1	180	Before	Left Exterior Girder	180	0.95	1	1	4.012951
SU6_str	BOBJ1	180	Before	Interior Girder 1	180	0.95	1	1	3.833126
SU6_str	BOBJ1	180	Before	Interior Girder 2	180	0.95	1	1	3.833126
SU6_str	BOBJ1	180	Before	Right Exterior Girder	180	0.95	1	1	4.012951
SU6_str	BOBJ1	180	After	Left Exterior Girder	180	0.95	1	1	5.537372
SU6_str	BOBJ1	180	After	Interior Girder 1	180	0.95	1	1	5.303334
SU6_str	BOBJ1	180	After	Interior Girder 2	180	0.95	1	1	5.303334
SU6_str	BOBJ1	180	After	Right Exterior Girder	180	0.95	1	1	5.537372
SU6_str	BOBJ1	183.1858	Before	Left Exterior Girder	183.1858	0.95	1	1	4.803158
SU6_str	BOBJ1	183.1858	Before	Interior Girder 1	183.1858	0.95	1	1	4.57655
SU6_str	BOBJ1	183.1858	Before	Interior Girder 2	183.1858	0.95	1	1	4.57655
SU6_str	BOBJ1	183.1858	Before	Right Exterior Girder	183.1858	0.95	1	1	4.803158
SU6_str	BOBJ1	183.1858	After	Left Exterior Girder	183.1858	0.95	1	1	10.745584
SU6_str	BOBJ1	183.1858	After	Interior Girder 1	183.1858	0.95	1	1	10.208267
SU6_str	BOBJ1	183.1858	After	Interior Girder 2	183.1858	0.95	1	1	10.208267
SU6_str	BOBJ1	183.1858	After	Right Exterior Girder	183.1858	0.95	1	1	10.745585
SU6_str	BOBJ1	191.25	Before	Left Exterior Girder	191.25	0.95	1	1	8.682696
SU6_str	BOBJ1	191.25	Before	Interior Girder 1	191.25	0.95	1	1	8.107004
SU6_str	BOBJ1	191.25	Before	Interior Girder 2	191.25	0.95	1	1	8.107004
SU6_str	BOBJ1	191.25	Before	Right Exterior Girder	191.25	0.95	1	1	8.682696
SU6_str	BOBJ1	191.25	After	Left Exterior Girder	191.25	0.95	1	1	8.706542
SU6_str	BOBJ1	191.25	After	Interior Girder 1	191.25	0.95	1	1	8.089471
SU6_str	BOBJ1	191.25	After	Interior Girder 2	191.25	0.95	1	1	8.089472
SU6_str	BOBJ1	191.25	After	Right Exterior Girder	191.25	0.95	1	1	8.706542
SU6_str	BOBJ1	199.9414	Before	Left Exterior Girder	199.9414	0.95	1	1	6.430296
SU6_str	BOBJ1	199.9414	Before	Interior Girder 1	199.9414	0.95	1	1	5.914697
SU6_str	BOBJ1	199.9414	Before	Interior Girder 2	199.9414	0.95	1	1	5.914697
SU6_str	BOBJ1	199.9414	Before	Right Exterior Girder	199.9414	0.95	1	1	6.430297
SU6_str	BOBJ1	199.9414	After	Left Exterior Girder	199.9414	0.95	1	1	11.092406
SU6_str	BOBJ1	199.9414	After	Interior Girder 1	199.9414	0.95	1	1	10.199976
SU6_str	BOBJ1	199.9414	After	Interior Girder 2	199.9414	0.95	1	1	10.199977
SU6_str	BOBJ1	199.9414	After	Right Exterior Girder	199.9414	0.95	1	1	11.092406
SU6_str	BOBJ1	202.5	Before	Left Exterior Girder	202.5	0.95	1	1	10.117641
SU6_str	BOBJ1	202.5	Before	Interior Girder 1	202.5	0.95	1	1	9.502952
SU6_str	BOBJ1	202.5	Before	Interior Girder 2	202.5	0.95	1	1	9.502953
SU6_str	BOBJ1	202.5	Before	Right Exterior Girder	202.5	0.95	1	1	10.117641
SU6_str	BOBJ1	202.5	After	Left Exterior Girder	202.5	0.95	1	1	10.47928
SU6_str	BOBJ1	202.5	After	Interior Girder 1	202.5	0.95	1	1	9.607098
SU6_str	BOBJ1	202.5	After	Interior Girder 2	202.5	0.95	1	1	9.607099
SU6_str	BOBJ1	202.5	After	Right Exterior Girder	202.5	0.95	1	1	10.47928
SU6_str	BOBJ1	210.5642	Before	Left Exterior Girder	210.5642	0.95	1	1	7.594152
SU6_str	BOBJ1	210.5642	Before	Interior Girder 1	210.5642	0.95	1	1	7.223392
SU6_str	BOBJ1	210.5642	Before	Interior Girder 2	210.5642	0.95	1	1	7.223392
SU6_str	BOBJ1	210.5642	Before	Right Exterior Girder	210.5642	0.95	1	1	7.594152
SU6_str	BOBJ1	210.5642	After	Left Exterior Girder	210.5642	0.95	1	1	11.6781
SU6_str	BOBJ1	210.5642	After	Interior Girder 1	210.5642	0.95	1	1	11.143076
SU6_str	BOBJ1	210.5642	After	Interior Girder 2	210.5642	0.95	1	1	11.143076
SU6_str	BOBJ1	210.5642	After	Right Exterior Girder	210.5642	0.95	1	1	11.6781
SU6_str	BOBJ1	213.75	Before	Left Exterior Girder	213.75	0.95	1	1	10.390794
SU6_str	BOBJ1	213.75	Before	Interior Girder 1	213.75	0.95	1	1	9.773408
SU6_str	BOBJ1	213.75	Before	Interior Girder 2	213.75	0.95	1	1	9.773408
SU6_str	BOBJ1	213.75	Before	Right Exterior Girder	213.75	0.95	1	1	10.390794
SU6_str	BOBJ1	213.75	After	Left Exterior Girder	213.75	0.95	1	1	10.379048
SU6_str	BOBJ1	213.75	After	Interior Girder 1	213.75	0.95	1	1	9.754042
SU6_str	BOBJ1	213.75	After	Interior Girder 2	213.75	0.95	1	1	9.754042
SU6_str	BOBJ1	213.75	After	Right Exterior Girder	213.75	0.95	1	1	10.379048
SU6_str	BOBJ1	225	Before	Left Exterior Girder	225	0.95	1	1	6.257809
SU6_str	BOBJ1	225	Before	Interior Girder 1	225	0.95	1	1	5.614093
SU6_str	BOBJ1	225	Before	Interior Girder 2	225	0.95	1	1	5.614093
SU6_str	BOBJ1	225	Before	Right Exterior Girder	225	0.95	1	1	6.257809
SU6_str	BOBJ1	225	After	Left Exterior Girder	0	0.95	1	1	5.894823
SU6_str	BOBJ1	225	After	Interior Girder 1	0	0.95	1	1	5.395248
SU6_str	BOBJ1	225	After	Interior Girder 2	0	0.95	1	1	5.395248
SU6_str	BOBJ1	225	After	Right Exterior Girder	0	0.95	1	1	5.894823

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelINonCompStrgth-Flx - Main Span Girders									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
SU6_str	BOBJ1	236.45	Before	Left Exterior Girder	11.45	0.95	1	1	10.473504
SU6_str	BOBJ1	236.45	Before	Interior Girder 1	11.45	0.95	1	1	10.371803
SU6_str	BOBJ1	236.45	Before	Interior Girder 2	11.45	0.95	1	1	10.371803
SU6_str	BOBJ1	236.45	Before	Right Exterior Girder	11.45	0.95	1	1	10.473504
SU6_str	BOBJ1	236.45	After	Left Exterior Girder	11.45	0.95	1	1	10.495515
SU6_str	BOBJ1	236.45	After	Interior Girder 1	11.45	0.95	1	1	10.376865
SU6_str	BOBJ1	236.45	After	Interior Girder 2	11.45	0.95	1	1	10.376866
SU6_str	BOBJ1	236.45	After	Right Exterior Girder	11.45	0.95	1	1	10.495515
SU6_str	BOBJ1	239.5082	Before	Left Exterior Girder	14.5082	0.95	1	1	12.055359
SU6_str	BOBJ1	239.5082	Before	Interior Girder 1	14.5082	0.95	1	1	11.988913
SU6_str	BOBJ1	239.5082	Before	Interior Girder 2	14.5082	0.95	1	1	11.988913
SU6_str	BOBJ1	239.5082	Before	Right Exterior Girder	14.5082	0.95	1	1	12.055359
SU6_str	BOBJ1	239.5082	After	Left Exterior Girder	14.5082	0.95	1	1	7.914288
SU6_str	BOBJ1	239.5082	After	Interior Girder 1	14.5082	0.95	1	1	7.867981
SU6_str	BOBJ1	239.5082	After	Interior Girder 2	14.5082	0.95	1	1	7.867981
SU6_str	BOBJ1	239.5082	After	Right Exterior Girder	14.5082	0.95	1	1	7.914288
SU6_str	BOBJ1	247.9	Before	Left Exterior Girder	22.9	0.95	1	1	12.067585
SU6_str	BOBJ1	247.9	Before	Interior Girder 1	22.9	0.95	1	1	11.882335
SU6_str	BOBJ1	247.9	Before	Interior Girder 2	22.9	0.95	1	1	11.882334
SU6_str	BOBJ1	247.9	Before	Right Exterior Girder	22.9	0.95	1	1	12.067585
SU6_str	BOBJ1	247.9	After	Left Exterior Girder	22.9	0.95	1	1	11.743121
SU6_str	BOBJ1	247.9	After	Interior Girder 1	22.9	0.95	1	1	11.870341
SU6_str	BOBJ1	247.9	After	Interior Girder 2	22.9	0.95	1	1	11.87034
SU6_str	BOBJ1	247.9	After	Right Exterior Girder	22.9	0.95	1	1	11.743121
SU6_str	BOBJ1	258.5189	Before	Left Exterior Girder	33.5189	0.95	1	1	16.805973
SU6_str	BOBJ1	258.5189	Before	Interior Girder 1	33.5189	0.95	1	1	15.662903
SU6_str	BOBJ1	258.5189	Before	Interior Girder 2	33.5189	0.95	1	1	15.662903
SU6_str	BOBJ1	258.5189	Before	Right Exterior Girder	33.5189	0.95	1	1	16.805973
SU6_str	BOBJ1	258.5189	After	Left Exterior Girder	33.5189	0.95	1	1	11.431765
SU6_str	BOBJ1	258.5189	After	Interior Girder 1	33.5189	0.95	1	1	10.540942
SU6_str	BOBJ1	258.5189	After	Interior Girder 2	33.5189	0.95	1	1	10.540942
SU6_str	BOBJ1	258.5189	After	Right Exterior Girder	33.5189	0.95	1	1	11.431765
SU6_str	BOBJ1	259.3	Before	Left Exterior Girder	34.3	0.95	1	1	11.701563
SU6_str	BOBJ1	259.3	Before	Interior Girder 1	34.3	0.95	1	1	10.802894
SU6_str	BOBJ1	259.3	Before	Interior Girder 2	34.3	0.95	1	1	10.802894
SU6_str	BOBJ1	259.3	Before	Right Exterior Girder	34.3	0.95	1	1	11.701563
SU6_str	BOBJ1	259.3	After	Left Exterior Girder	34.3	0.95	1	1	11.693383
SU6_str	BOBJ1	259.3	After	Interior Girder 1	34.3	0.95	1	1	10.809978
SU6_str	BOBJ1	259.3	After	Interior Girder 2	34.3	0.95	1	1	10.809978
SU6_str	BOBJ1	259.3	After	Right Exterior Girder	34.3	0.95	1	1	11.693383
SU6_str	BOBJ1	266.1031	Before	Left Exterior Girder	41.1031	0.95	1	1	13.976726
SU6_str	BOBJ1	266.1031	Before	Interior Girder 1	41.1031	0.95	1	1	13.133541
SU6_str	BOBJ1	266.1031	Before	Interior Girder 2	41.1031	0.95	1	1	13.133541
SU6_str	BOBJ1	266.1031	Before	Right Exterior Girder	41.1031	0.95	1	1	13.976726
SU6_str	BOBJ1	266.1031	After	Left Exterior Girder	41.1031	0.95	1	1	7.237533
SU6_str	BOBJ1	266.1031	After	Interior Girder 1	41.1031	0.95	1	1	6.808351
SU6_str	BOBJ1	266.1031	After	Interior Girder 2	41.1031	0.95	1	1	6.808351
SU6_str	BOBJ1	266.1031	After	Right Exterior Girder	41.1031	0.95	1	1	7.237534
SU6_str	BOBJ1	270.7	Before	Left Exterior Girder	45.7	0.95	1	1	8.674729
SU6_str	BOBJ1	270.7	Before	Interior Girder 1	45.7	0.95	1	1	8.247428
SU6_str	BOBJ1	270.7	Before	Interior Girder 2	45.7	0.95	1	1	8.247428
SU6_str	BOBJ1	270.7	Before	Right Exterior Girder	45.7	0.95	1	1	8.67473
SU6_str	BOBJ1	270.7	After	Left Exterior Girder	45.7	0.95	1	1	10.17096
SU6_str	BOBJ1	270.7	After	Interior Girder 1	45.7	0.95	1	1	9.66646
SU6_str	BOBJ1	270.7	After	Interior Girder 2	45.7	0.95	1	1	9.66646
SU6_str	BOBJ1	270.7	After	Right Exterior Girder	45.7	0.95	1	1	10.17096
SU6_str	BOBJ1	273.6874	Before	Left Exterior Girder	48.6874	0.95	1	1	11.142827
SU6_str	BOBJ1	273.6874	Before	Interior Girder 1	48.6874	0.95	1	1	10.632126
SU6_str	BOBJ1	273.6874	Before	Interior Girder 2	48.6874	0.95	1	1	10.632126
SU6_str	BOBJ1	273.6874	Before	Right Exterior Girder	48.6874	0.95	1	1	11.142827
SU6_str	BOBJ1	273.6874	After	Left Exterior Girder	48.6874	0.95	1	1	4.796293
SU6_str	BOBJ1	273.6874	After	Interior Girder 1	48.6874	0.95	1	1	4.609744
SU6_str	BOBJ1	273.6874	After	Interior Girder 2	48.6874	0.95	1	1	4.609744
SU6_str	BOBJ1	273.6874	After	Right Exterior Girder	48.6874	0.95	1	1	4.796293
SU6_str	BOBJ1	282.15	Before	Left Exterior Girder	57.15	0.95	1	1	7.350739
SU6_str	BOBJ1	282.15	Before	Interior Girder 1	57.15	0.95	1	1	7.13098
SU6_str	BOBJ1	282.15	Before	Interior Girder 2	57.15	0.95	1	1	7.13098
SU6_str	BOBJ1	282.15	Before	Right Exterior Girder	57.15	0.95	1	1	7.350739

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelINonCompStrgth-Flx - Main Span Girders									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
SU6_str	BOBJ1	282.15	After	Left Exterior Girder	57.15	0.95	1	1	7.340209
SU6_str	BOBJ1	282.15	After	Interior Girder 1	57.15	0.95	1	1	7.141356
SU6_str	BOBJ1	282.15	After	Interior Girder 2	57.15	0.95	1	1	7.141356
SU6_str	BOBJ1	282.15	After	Right Exterior Girder	57.15	0.95	1	1	7.340209
SU6_str	BOBJ1	293.6	Before	Left Exterior Girder	68.6	0.95	1	1	5.465865
SU6_str	BOBJ1	293.6	Before	Interior Girder 1	68.6	0.95	1	1	4.326393
SU6_str	BOBJ1	293.6	Before	Interior Girder 2	68.6	0.95	1	1	4.326393
SU6_str	BOBJ1	293.6	Before	Right Exterior Girder	68.6	0.95	1	1	5.465865
SU6_str	BOBJ1	293.6	After	Left Exterior Girder	68.6	0.95	1	1	5.644673
SU6_str	BOBJ1	293.6	After	Interior Girder 1	68.6	0.95	1	1	4.403163
SU6_str	BOBJ1	293.6	After	Interior Girder 2	68.6	0.95	1	1	4.403163
SU6_str	BOBJ1	293.6	After	Right Exterior Girder	68.6	0.95	1	1	5.644673
SU6_str	BOBJ1	305	Before	Left Exterior Girder	80	0.95	1	1	3.069408
SU6_str	BOBJ1	305	Before	Interior Girder 1	80	0.95	1	1	2.454924
SU6_str	BOBJ1	305	Before	Interior Girder 2	80	0.95	1	1	2.454924
SU6_str	BOBJ1	305	Before	Right Exterior Girder	80	0.95	1	1	3.069408
SU6_str	BOBJ1	305	After	Left Exterior Girder	80	0.95	1	1	3.067614
SU6_str	BOBJ1	305	After	Interior Girder 1	80	0.95	1	1	2.453416
SU6_str	BOBJ1	305	After	Interior Girder 2	80	0.95	1	1	2.453416
SU6_str	BOBJ1	305	After	Right Exterior Girder	80	0.95	1	1	3.067614
SU6_str	BOBJ1	306.9561	Before	Left Exterior Girder	81.9561	0.95	1	1	2.720634
SU6_str	BOBJ1	306.9561	Before	Interior Girder 1	81.9561	0.95	1	1	2.199735
SU6_str	BOBJ1	306.9561	Before	Interior Girder 2	81.9561	0.95	1	1	2.199735
SU6_str	BOBJ1	306.9561	Before	Right Exterior Girder	81.9561	0.95	1	1	2.720634
SU6_str	BOBJ1	306.9561	After	Left Exterior Girder	81.9561	0.95	1	1	7.115974
SU6_str	BOBJ1	306.9561	After	Interior Girder 1	81.9561	0.95	1	1	5.821106
SU6_str	BOBJ1	306.9561	After	Interior Girder 2	81.9561	0.95	1	1	5.821106
SU6_str	BOBJ1	306.9561	After	Right Exterior Girder	81.9561	0.95	1	1	7.115974
SU6_str	BOBJ1	316.4	Before	Left Exterior Girder	91.4	0.95	1	1	5.237761
SU6_str	BOBJ1	316.4	Before	Interior Girder 1	91.4	0.95	1	1	4.45316
SU6_str	BOBJ1	316.4	Before	Interior Girder 2	91.4	0.95	1	1	4.45316
SU6_str	BOBJ1	316.4	Before	Right Exterior Girder	91.4	0.95	1	1	5.237761
SU6_str	BOBJ1	316.4	After	Left Exterior Girder	91.4	0.95	1	1	5.301376
SU6_str	BOBJ1	316.4	After	Interior Girder 1	91.4	0.95	1	1	4.451014
SU6_str	BOBJ1	316.4	After	Interior Girder 2	91.4	0.95	1	1	4.451014
SU6_str	BOBJ1	316.4	After	Right Exterior Girder	91.4	0.95	1	1	5.301375
SU6_str	BOBJ1	327.85	Before	Left Exterior Girder	102.9679	0.95	1	1	3.802689
SU6_str	BOBJ1	327.85	Before	Interior Girder 1	102.9679	0.95	1	1	3.212945
SU6_str	BOBJ1	327.85	Before	Interior Girder 2	102.9679	0.95	1	1	3.212945
SU6_str	BOBJ1	327.85	Before	Right Exterior Girder	102.9679	0.95	1	1	3.802689
SU6_str	BOBJ1	327.85	After	Left Exterior Girder	102.9679	0.95	1	1	7.343288
SU6_str	BOBJ1	327.85	After	Interior Girder 1	102.9679	0.95	1	1	6.31244
SU6_str	BOBJ1	327.85	After	Interior Girder 2	102.9679	0.95	1	1	6.31244
SU6_str	BOBJ1	327.85	After	Right Exterior Girder	102.9679	0.95	1	1	7.343287
SU6_str	BOBJ1	339.3	Before	Left Exterior Girder	114.3	0.95	1	1	5.97805
SU6_str	BOBJ1	339.3	Before	Interior Girder 1	114.3	0.95	1	1	5.272322
SU6_str	BOBJ1	339.3	Before	Interior Girder 2	114.3	0.95	1	1	5.272322
SU6_str	BOBJ1	339.3	Before	Right Exterior Girder	114.3	0.95	1	1	5.978049
SU6_str	BOBJ1	339.3	After	Left Exterior Girder	114.3	0.95	1	1	6.014612
SU6_str	BOBJ1	339.3	After	Interior Girder 1	114.3	0.95	1	1	5.278646
SU6_str	BOBJ1	339.3	After	Interior Girder 2	114.3	0.95	1	1	5.278647
SU6_str	BOBJ1	339.3	After	Right Exterior Girder	114.3	0.95	1	1	6.014612
SU6_str	BOBJ1	350.7	Before	Left Exterior Girder	125.7	0.95	1	1	5.159894
SU6_str	BOBJ1	350.7	Before	Interior Girder 1	125.7	0.95	1	1	4.518732
SU6_str	BOBJ1	350.7	Before	Interior Girder 2	125.7	0.95	1	1	4.518732
SU6_str	BOBJ1	350.7	Before	Right Exterior Girder	125.7	0.95	1	1	5.159894
SU6_str	BOBJ1	350.7	After	Left Exterior Girder	125.7	0.95	1	1	5.155869
SU6_str	BOBJ1	350.7	After	Interior Girder 1	125.7	0.95	1	1	4.522927
SU6_str	BOBJ1	350.7	After	Interior Girder 2	125.7	0.95	1	1	4.522927
SU6_str	BOBJ1	350.7	After	Right Exterior Girder	125.7	0.95	1	1	5.155869
SU6_str	BOBJ1	362.1	Before	Left Exterior Girder	137.1	0.95	1	1	4.568189
SU6_str	BOBJ1	362.1	Before	Interior Girder 1	137.1	0.95	1	1	4.075992
SU6_str	BOBJ1	362.1	Before	Interior Girder 2	137.1	0.95	1	1	4.075992
SU6_str	BOBJ1	362.1	Before	Right Exterior Girder	137.1	0.95	1	1	4.568189
SU6_str	BOBJ1	362.1	After	Left Exterior Girder	137.1	0.95	1	1	4.587178
SU6_str	BOBJ1	362.1	After	Interior Girder 1	137.1	0.95	1	1	4.083284
SU6_str	BOBJ1	362.1	After	Interior Girder 2	137.1	0.95	1	1	4.083284
SU6_str	BOBJ1	362.1	After	Right Exterior Girder	137.1	0.95	1	1	4.587178

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelNonCompStrgth-Flx - Main Span Girders									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
SU6_str	BOBJ1	373.55	Before	Left Exterior Girder	148.55	0.95	1	1	4.291857
SU6_str	BOBJ1	373.55	Before	Interior Girder 1	148.55	0.95	1	1	3.796675
SU6_str	BOBJ1	373.55	Before	Interior Girder 2	148.55	0.95	1	1	3.796675
SU6_str	BOBJ1	373.55	Before	Right Exterior Girder	148.55	0.95	1	1	4.291857
SU6_str	BOBJ1	373.55	After	Left Exterior Girder	148.55	0.95	1	1	4.28928
SU6_str	BOBJ1	373.55	After	Interior Girder 1	148.55	0.95	1	1	3.797506
SU6_str	BOBJ1	373.55	After	Interior Girder 2	148.55	0.95	1	1	3.797506
SU6_str	BOBJ1	373.55	After	Right Exterior Girder	148.55	0.95	1	1	4.28928
SU6_str	BOBJ1	385	Before	Left Exterior Girder	160	0.95	1	1	4.16917
SU6_str	BOBJ1	385	Before	Interior Girder 1	160	0.95	1	1	3.73124
SU6_str	BOBJ1	385	Before	Interior Girder 2	160	0.95	1	1	3.73124
SU6_str	BOBJ1	385	Before	Right Exterior Girder	160	0.95	1	1	4.16917
SU6_str	BOBJ1	385	After	Left Exterior Girder	160	0.95	1	1	4.16917
SU6_str	BOBJ1	385	After	Interior Girder 1	160	0.95	1	1	3.73124
SU6_str	BOBJ1	385	After	Interior Girder 2	160	0.95	1	1	3.73124
SU6_str	BOBJ1	385	After	Right Exterior Girder	160	0.95	1	1	4.16917
SU6_str	BOBJ1	396.45	Before	Left Exterior Girder	171.45	0.95	1	1	4.28928
SU6_str	BOBJ1	396.45	Before	Interior Girder 1	171.45	0.95	1	1	3.797506
SU6_str	BOBJ1	396.45	Before	Interior Girder 2	171.45	0.95	1	1	3.797506
SU6_str	BOBJ1	396.45	Before	Right Exterior Girder	171.45	0.95	1	1	4.28928
SU6_str	BOBJ1	396.45	After	Left Exterior Girder	171.45	0.95	1	1	4.291857
SU6_str	BOBJ1	396.45	After	Interior Girder 1	171.45	0.95	1	1	3.796675
SU6_str	BOBJ1	396.45	After	Interior Girder 2	171.45	0.95	1	1	3.796675
SU6_str	BOBJ1	396.45	After	Right Exterior Girder	171.45	0.95	1	1	4.291857
SU6_str	BOBJ1	407.9	Before	Left Exterior Girder	182.9	0.95	1	1	4.587178
SU6_str	BOBJ1	407.9	Before	Interior Girder 1	182.9	0.95	1	1	4.083284
SU6_str	BOBJ1	407.9	Before	Interior Girder 2	182.9	0.95	1	1	4.083284
SU6_str	BOBJ1	407.9	Before	Right Exterior Girder	182.9	0.95	1	1	4.587178
SU6_str	BOBJ1	407.9	After	Left Exterior Girder	182.9	0.95	1	1	4.568189
SU6_str	BOBJ1	407.9	After	Interior Girder 1	182.9	0.95	1	1	4.075992
SU6_str	BOBJ1	407.9	After	Interior Girder 2	182.9	0.95	1	1	4.075992
SU6_str	BOBJ1	407.9	After	Right Exterior Girder	182.9	0.95	1	1	4.568189
SU6_str	BOBJ1	419.3	Before	Left Exterior Girder	194.3	0.95	1	1	5.155869
SU6_str	BOBJ1	419.3	Before	Interior Girder 1	194.3	0.95	1	1	4.522927
SU6_str	BOBJ1	419.3	Before	Interior Girder 2	194.3	0.95	1	1	4.522927
SU6_str	BOBJ1	419.3	Before	Right Exterior Girder	194.3	0.95	1	1	5.155869
SU6_str	BOBJ1	419.3	After	Left Exterior Girder	194.3	0.95	1	1	5.159894
SU6_str	BOBJ1	419.3	After	Interior Girder 1	194.3	0.95	1	1	4.518732
SU6_str	BOBJ1	419.3	After	Interior Girder 2	194.3	0.95	1	1	4.518732
SU6_str	BOBJ1	419.3	After	Right Exterior Girder	194.3	0.95	1	1	5.159894
SU6_str	BOBJ1	430.7	Before	Left Exterior Girder	205.7	0.95	1	1	6.014612
SU6_str	BOBJ1	430.7	Before	Interior Girder 1	205.7	0.95	1	1	5.278646
SU6_str	BOBJ1	430.7	Before	Interior Girder 2	205.7	0.95	1	1	5.278646
SU6_str	BOBJ1	430.7	Before	Right Exterior Girder	205.7	0.95	1	1	6.014612
SU6_str	BOBJ1	430.7	After	Left Exterior Girder	205.7	0.95	1	1	5.978049
SU6_str	BOBJ1	430.7	After	Interior Girder 1	205.7	0.95	1	1	5.272322
SU6_str	BOBJ1	430.7	After	Interior Girder 2	205.7	0.95	1	1	5.272321
SU6_str	BOBJ1	430.7	After	Right Exterior Girder	205.7	0.95	1	1	5.97805
SU6_str	BOBJ1	442.15	Before	Left Exterior Girder	217.0321	0.95	1	1	7.331244
SU6_str	BOBJ1	442.15	Before	Interior Girder 1	217.0321	0.95	1	1	6.312579
SU6_str	BOBJ1	442.15	Before	Interior Girder 2	217.0321	0.95	1	1	6.312579
SU6_str	BOBJ1	442.15	Before	Right Exterior Girder	217.0321	0.95	1	1	7.331244
SU6_str	BOBJ1	442.15	After	Left Exterior Girder	217.0321	0.95	1	1	3.797348
SU6_str	BOBJ1	442.15	After	Interior Girder 1	217.0321	0.95	1	1	3.211972
SU6_str	BOBJ1	442.15	After	Interior Girder 2	217.0321	0.95	1	1	3.211972
SU6_str	BOBJ1	442.15	After	Right Exterior Girder	217.0321	0.95	1	1	3.797348
SU6_str	BOBJ1	453.6	Before	Left Exterior Girder	228.6	0.95	1	1	5.301375
SU6_str	BOBJ1	453.6	Before	Interior Girder 1	228.6	0.95	1	1	4.451014
SU6_str	BOBJ1	453.6	Before	Interior Girder 2	228.6	0.95	1	1	4.451014
SU6_str	BOBJ1	453.6	Before	Right Exterior Girder	228.6	0.95	1	1	5.301375
SU6_str	BOBJ1	453.6	After	Left Exterior Girder	228.6	0.95	1	1	5.237761
SU6_str	BOBJ1	453.6	After	Interior Girder 1	228.6	0.95	1	1	4.45316
SU6_str	BOBJ1	453.6	After	Interior Girder 2	228.6	0.95	1	1	4.45316
SU6_str	BOBJ1	453.6	After	Right Exterior Girder	228.6	0.95	1	1	5.237761
SU6_str	BOBJ1	463.0439	Before	Left Exterior Girder	238.0439	0.95	1	1	7.09513
SU6_str	BOBJ1	463.0439	Before	Interior Girder 1	238.0439	0.95	1	1	5.820879
SU6_str	BOBJ1	463.0439	Before	Interior Girder 2	238.0439	0.95	1	1	5.820879
SU6_str	BOBJ1	463.0439	Before	Right Exterior Girder	238.0439	0.95	1	1	7.09513

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelINonCompStrgth-Flx - Main Span Girders									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
SU6_str	BOBJ1	463.0439	After	Left Exterior Girder	238.0439	0.95	1	1	2.713514
SU6_str	BOBJ1	463.0439	After	Interior Girder 1	238.0439	0.95	1	1	2.198851
SU6_str	BOBJ1	463.0439	After	Interior Girder 2	238.0439	0.95	1	1	2.198851
SU6_str	BOBJ1	463.0439	After	Right Exterior Girder	238.0439	0.95	1	1	2.713514
SU6_str	BOBJ1	465	Before	Left Exterior Girder	240	0.95	1	1	3.067613
SU6_str	BOBJ1	465	Before	Interior Girder 1	240	0.95	1	1	2.453416
SU6_str	BOBJ1	465	Before	Interior Girder 2	240	0.95	1	1	2.453416
SU6_str	BOBJ1	465	Before	Right Exterior Girder	240	0.95	1	1	3.067613
SU6_str	BOBJ1	465	After	Left Exterior Girder	240	0.95	1	1	3.069408
SU6_str	BOBJ1	465	After	Interior Girder 1	240	0.95	1	1	2.454924
SU6_str	BOBJ1	465	After	Interior Girder 2	240	0.95	1	1	2.454924
SU6_str	BOBJ1	465	After	Right Exterior Girder	240	0.95	1	1	3.069408
SU6_str	BOBJ1	476.4	Before	Left Exterior Girder	251.4	0.95	1	1	5.644673
SU6_str	BOBJ1	476.4	Before	Interior Girder 1	251.4	0.95	1	1	4.403163
SU6_str	BOBJ1	476.4	Before	Interior Girder 2	251.4	0.95	1	1	4.403163
SU6_str	BOBJ1	476.4	Before	Right Exterior Girder	251.4	0.95	1	1	5.644673
SU6_str	BOBJ1	476.4	After	Left Exterior Girder	251.4	0.95	1	1	5.465864
SU6_str	BOBJ1	476.4	After	Interior Girder 1	251.4	0.95	1	1	4.326393
SU6_str	BOBJ1	476.4	After	Interior Girder 2	251.4	0.95	1	1	4.326393
SU6_str	BOBJ1	476.4	After	Right Exterior Girder	251.4	0.95	1	1	5.465864
SU6_str	BOBJ1	487.85	Before	Left Exterior Girder	262.85	0.95	1	1	7.072596
SU6_str	BOBJ1	487.85	Before	Interior Girder 1	262.85	0.95	1	1	6.956043
SU6_str	BOBJ1	487.85	Before	Interior Girder 2	262.85	0.95	1	1	6.956043
SU6_str	BOBJ1	487.85	Before	Right Exterior Girder	262.85	0.95	1	1	7.072596
SU6_str	BOBJ1	487.85	After	Left Exterior Girder	262.85	0.95	1	1	7.083314
SU6_str	BOBJ1	487.85	After	Interior Girder 1	262.85	0.95	1	1	6.945541
SU6_str	BOBJ1	487.85	After	Interior Girder 2	262.85	0.95	1	1	6.945541
SU6_str	BOBJ1	487.85	After	Right Exterior Girder	262.85	0.95	1	1	7.083314
SU6_str	BOBJ1	496.3126	Before	Left Exterior Girder	271.3126	0.95	1	1	4.540243
SU6_str	BOBJ1	496.3126	Before	Interior Girder 1	271.3126	0.95	1	1	4.438412
SU6_str	BOBJ1	496.3126	Before	Interior Girder 2	271.3126	0.95	1	1	4.438412
SU6_str	BOBJ1	496.3126	Before	Right Exterior Girder	271.3126	0.95	1	1	4.540243
SU6_str	BOBJ1	496.3126	After	Left Exterior Girder	271.3126	0.95	1	1	11.14682
SU6_str	BOBJ1	496.3126	After	Interior Girder 1	271.3126	0.95	1	1	10.641127
SU6_str	BOBJ1	496.3126	After	Interior Girder 2	271.3126	0.95	1	1	10.641127
SU6_str	BOBJ1	496.3126	After	Right Exterior Girder	271.3126	0.95	1	1	11.14682
SU6_str	BOBJ1	499.3	Before	Left Exterior Girder	274.3	0.95	1	1	10.17096
SU6_str	BOBJ1	499.3	Before	Interior Girder 1	274.3	0.95	1	1	9.66646
SU6_str	BOBJ1	499.3	Before	Interior Girder 2	274.3	0.95	1	1	9.66646
SU6_str	BOBJ1	499.3	Before	Right Exterior Girder	274.3	0.95	1	1	10.17096
SU6_str	BOBJ1	499.3	After	Left Exterior Girder	274.3	0.95	1	1	8.674729
SU6_str	BOBJ1	499.3	After	Interior Girder 1	274.3	0.95	1	1	8.247428
SU6_str	BOBJ1	499.3	After	Interior Girder 2	274.3	0.95	1	1	8.247428
SU6_str	BOBJ1	499.3	After	Right Exterior Girder	274.3	0.95	1	1	8.674729
SU6_str	BOBJ1	503.8969	Before	Left Exterior Girder	278.8969	0.95	1	1	7.237533
SU6_str	BOBJ1	503.8969	Before	Interior Girder 1	278.8969	0.95	1	1	6.808351
SU6_str	BOBJ1	503.8969	Before	Interior Girder 2	278.8969	0.95	1	1	6.808351
SU6_str	BOBJ1	503.8969	Before	Right Exterior Girder	278.8969	0.95	1	1	7.237533
SU6_str	BOBJ1	503.8969	After	Left Exterior Girder	278.8969	0.95	1	1	13.976726
SU6_str	BOBJ1	503.8969	After	Interior Girder 1	278.8969	0.95	1	1	13.13354
SU6_str	BOBJ1	503.8969	After	Interior Girder 2	278.8969	0.95	1	1	13.13354
SU6_str	BOBJ1	503.8969	After	Right Exterior Girder	278.8969	0.95	1	1	13.976726
SU6_str	BOBJ1	510.7	Before	Left Exterior Girder	285.7	0.95	1	1	11.693383
SU6_str	BOBJ1	510.7	Before	Interior Girder 1	285.7	0.95	1	1	10.809978
SU6_str	BOBJ1	510.7	Before	Interior Girder 2	285.7	0.95	1	1	10.809978
SU6_str	BOBJ1	510.7	Before	Right Exterior Girder	285.7	0.95	1	1	11.693383
SU6_str	BOBJ1	510.7	After	Left Exterior Girder	285.7	0.95	1	1	11.701563
SU6_str	BOBJ1	510.7	After	Interior Girder 1	285.7	0.95	1	1	10.802894
SU6_str	BOBJ1	510.7	After	Interior Girder 2	285.7	0.95	1	1	10.802893
SU6_str	BOBJ1	510.7	After	Right Exterior Girder	285.7	0.95	1	1	11.701563
SU6_str	BOBJ1	511.4811	Before	Left Exterior Girder	286.4811	0.95	1	1	11.433566
SU6_str	BOBJ1	511.4811	Before	Interior Girder 1	286.4811	0.95	1	1	10.5468
SU6_str	BOBJ1	511.4811	Before	Interior Girder 2	286.4811	0.95	1	1	10.546799
SU6_str	BOBJ1	511.4811	Before	Right Exterior Girder	286.4811	0.95	1	1	11.433566
SU6_str	BOBJ1	511.4811	After	Left Exterior Girder	286.4811	0.95	1	1	16.850763
SU6_str	BOBJ1	511.4811	After	Interior Girder 1	286.4811	0.95	1	1	15.670294
SU6_str	BOBJ1	511.4811	After	Interior Girder 2	286.4811	0.95	1	1	15.670293
SU6_str	BOBJ1	511.4811	After	Right Exterior Girder	286.4811	0.95	1	1	16.850763

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelNonCompStrgth-Flx - Main Span Girders									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
SU6_str	BOBJ1	522.1	Before	Left Exterior Girder	297.1	0.95	1	1	11.743121
SU6_str	BOBJ1	522.1	Before	Interior Girder 1	297.1	0.95	1	1	11.870341
SU6_str	BOBJ1	522.1	Before	Interior Girder 2	297.1	0.95	1	1	11.87034
SU6_str	BOBJ1	522.1	Before	Right Exterior Girder	297.1	0.95	1	1	11.743121
SU6_str	BOBJ1	522.1	After	Left Exterior Girder	297.1	0.95	1	1	12.067585
SU6_str	BOBJ1	522.1	After	Interior Girder 1	297.1	0.95	1	1	11.882334
SU6_str	BOBJ1	522.1	After	Interior Girder 2	297.1	0.95	1	1	11.882334
SU6_str	BOBJ1	522.1	After	Right Exterior Girder	297.1	0.95	1	1	12.067585
SU6_str	BOBJ1	530.4918	Before	Left Exterior Girder	305.4918	0.95	1	1	7.914288
SU6_str	BOBJ1	530.4918	Before	Interior Girder 1	305.4918	0.95	1	1	7.867981
SU6_str	BOBJ1	530.4918	Before	Interior Girder 2	305.4918	0.95	1	1	7.867981
SU6_str	BOBJ1	530.4918	Before	Right Exterior Girder	305.4918	0.95	1	1	7.914288
SU6_str	BOBJ1	530.4918	After	Left Exterior Girder	305.4918	0.95	1	1	12.05536
SU6_str	BOBJ1	530.4918	After	Interior Girder 1	305.4918	0.95	1	1	11.988912
SU6_str	BOBJ1	530.4918	After	Interior Girder 2	305.4918	0.95	1	1	11.988913
SU6_str	BOBJ1	530.4918	After	Right Exterior Girder	305.4918	0.95	1	1	12.05536
SU6_str	BOBJ1	533.55	Before	Left Exterior Girder	308.55	0.95	1	1	10.495515
SU6_str	BOBJ1	533.55	Before	Interior Girder 1	308.55	0.95	1	1	10.376865
SU6_str	BOBJ1	533.55	Before	Interior Girder 2	308.55	0.95	1	1	10.376866
SU6_str	BOBJ1	533.55	Before	Right Exterior Girder	308.55	0.95	1	1	10.495515
SU6_str	BOBJ1	533.55	After	Left Exterior Girder	308.55	0.95	1	1	10.473505
SU6_str	BOBJ1	533.55	After	Interior Girder 1	308.55	0.95	1	1	10.371802
SU6_str	BOBJ1	533.55	After	Interior Girder 2	308.55	0.95	1	1	10.371803
SU6_str	BOBJ1	533.55	After	Right Exterior Girder	308.55	0.95	1	1	10.473505
SU6_str	BOBJ1	545	Before	Left Exterior Girder	320	0.95	1	1	5.894823
SU6_str	BOBJ1	545	Before	Interior Girder 1	320	0.95	1	1	5.395248
SU6_str	BOBJ1	545	Before	Interior Girder 2	320	0.95	1	1	5.395249
SU6_str	BOBJ1	545	Before	Right Exterior Girder	320	0.95	1	1	5.894823
SU6_str	BOBJ1	545	After	Left Exterior Girder	0	0.95	1	1	6.257809
SU6_str	BOBJ1	545	After	Interior Girder 1	0	0.95	1	1	5.61597
SU6_str	BOBJ1	545	After	Interior Girder 2	0	0.95	1	1	5.61597
SU6_str	BOBJ1	545	After	Right Exterior Girder	0	0.95	1	1	6.257809
SU6_str	BOBJ1	556.25	Before	Left Exterior Girder	11.25	0.95	1	1	10.379048
SU6_str	BOBJ1	556.25	Before	Interior Girder 1	11.25	0.95	1	1	9.754042
SU6_str	BOBJ1	556.25	Before	Interior Girder 2	11.25	0.95	1	1	9.754042
SU6_str	BOBJ1	556.25	Before	Right Exterior Girder	11.25	0.95	1	1	10.379048
SU6_str	BOBJ1	556.25	After	Left Exterior Girder	11.25	0.95	1	1	10.390794
SU6_str	BOBJ1	556.25	After	Interior Girder 1	11.25	0.95	1	1	9.773408
SU6_str	BOBJ1	556.25	After	Interior Girder 2	11.25	0.95	1	1	9.773408
SU6_str	BOBJ1	556.25	After	Right Exterior Girder	11.25	0.95	1	1	10.390794
SU6_str	BOBJ1	559.4358	Before	Left Exterior Girder	14.4358	0.95	1	1	11.6781
SU6_str	BOBJ1	559.4358	Before	Interior Girder 1	14.4358	0.95	1	1	11.143076
SU6_str	BOBJ1	559.4358	Before	Interior Girder 2	14.4358	0.95	1	1	11.143076
SU6_str	BOBJ1	559.4358	Before	Right Exterior Girder	14.4358	0.95	1	1	11.6781
SU6_str	BOBJ1	559.4358	After	Left Exterior Girder	14.4358	0.95	1	1	7.594152
SU6_str	BOBJ1	559.4358	After	Interior Girder 1	14.4358	0.95	1	1	7.223393
SU6_str	BOBJ1	559.4358	After	Interior Girder 2	14.4358	0.95	1	1	7.223393
SU6_str	BOBJ1	559.4358	After	Right Exterior Girder	14.4358	0.95	1	1	7.594152
SU6_str	BOBJ1	567.5	Before	Left Exterior Girder	22.5	0.95	1	1	10.479281
SU6_str	BOBJ1	567.5	Before	Interior Girder 1	22.5	0.95	1	1	9.607099
SU6_str	BOBJ1	567.5	Before	Interior Girder 2	22.5	0.95	1	1	9.607099
SU6_str	BOBJ1	567.5	Before	Right Exterior Girder	22.5	0.95	1	1	10.47928
SU6_str	BOBJ1	567.5	After	Left Exterior Girder	22.5	0.95	1	1	11.213021
SU6_str	BOBJ1	567.5	After	Interior Girder 1	22.5	0.95	1	1	10.445505
SU6_str	BOBJ1	567.5	After	Interior Girder 2	22.5	0.95	1	1	10.445505
SU6_str	BOBJ1	567.5	After	Right Exterior Girder	22.5	0.95	1	1	11.213021
SU6_str	BOBJ1	570.0586	Before	Left Exterior Girder	25.0586	0.95	1	1	12.240552
SU6_str	BOBJ1	570.0586	Before	Interior Girder 1	25.0586	0.95	1	1	11.152059
SU6_str	BOBJ1	570.0586	Before	Interior Girder 2	25.0586	0.95	1	1	11.152059
SU6_str	BOBJ1	570.0586	Before	Right Exterior Girder	25.0586	0.95	1	1	12.240552
SU6_str	BOBJ1	570.0586	After	Left Exterior Girder	25.0586	0.95	1	1	7.315487
SU6_str	BOBJ1	570.0586	After	Interior Girder 1	25.0586	0.95	1	1	6.651406
SU6_str	BOBJ1	570.0586	After	Interior Girder 2	25.0586	0.95	1	1	6.651406
SU6_str	BOBJ1	570.0586	After	Right Exterior Girder	25.0586	0.95	1	1	7.315487
SU6_str	BOBJ1	578.75	Before	Left Exterior Girder	33.75	0.95	1	1	9.631397
SU6_str	BOBJ1	578.75	Before	Interior Girder 1	33.75	0.95	1	1	8.873608
SU6_str	BOBJ1	578.75	Before	Interior Girder 2	33.75	0.95	1	1	8.873608
SU6_str	BOBJ1	578.75	Before	Right Exterior Girder	33.75	0.95	1	1	9.631397

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelNonCompStrgth-Flx - Main Span Girders									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
SU6_str	BOBJ1	578.75	After	Left Exterior Girder	33.75	0.95	1	1	9.608176
SU6_str	BOBJ1	578.75	After	Interior Girder 1	33.75	0.95	1	1	8.890108
SU6_str	BOBJ1	578.75	After	Interior Girder 2	33.75	0.95	1	1	8.890108
SU6_str	BOBJ1	578.75	After	Right Exterior Girder	33.75	0.95	1	1	9.608176
SU6_str	BOBJ1	586.8142	Before	Left Exterior Girder	41.8142	0.95	1	1	11.715159
SU6_str	BOBJ1	586.8142	Before	Interior Girder 1	41.8142	0.95	1	1	11.027434
SU6_str	BOBJ1	586.8142	Before	Interior Girder 2	41.8142	0.95	1	1	11.027434
SU6_str	BOBJ1	586.8142	Before	Right Exterior Girder	41.8142	0.95	1	1	11.715159
SU6_str	BOBJ1	586.8142	After	Left Exterior Girder	41.8142	0.95	1	1	5.439414
SU6_str	BOBJ1	586.8142	After	Interior Girder 1	41.8142	0.95	1	1	5.115069
SU6_str	BOBJ1	586.8142	After	Interior Girder 2	41.8142	0.95	1	1	5.115069
SU6_str	BOBJ1	586.8142	After	Right Exterior Girder	41.8142	0.95	1	1	5.439414
SU6_str	BOBJ1	590	Before	Left Exterior Girder	45	0.95	1	1	6.178543
SU6_str	BOBJ1	590	Before	Interior Girder 1	45	0.95	1	1	5.858883
SU6_str	BOBJ1	590	Before	Interior Girder 2	45	0.95	1	1	5.858883
SU6_str	BOBJ1	590	Before	Right Exterior Girder	45	0.95	1	1	6.178543
SU6_str	BOBJ1	590	After	Left Exterior Girder	45	0.95	1	1	4.012951
SU6_str	BOBJ1	590	After	Interior Girder 1	45	0.95	1	1	3.833126
SU6_str	BOBJ1	590	After	Interior Girder 2	45	0.95	1	1	3.833126
SU6_str	BOBJ1	590	After	Right Exterior Girder	45	0.95	1	1	4.012951
SU6_str	BOBJ1	601.25	Before	Left Exterior Girder	56.25	0.95	1	1	6.549764
SU6_str	BOBJ1	601.25	Before	Interior Girder 1	56.25	0.95	1	1	6.350618
SU6_str	BOBJ1	601.25	Before	Interior Girder 2	56.25	0.95	1	1	6.350618
SU6_str	BOBJ1	601.25	Before	Right Exterior Girder	56.25	0.95	1	1	6.549764
SU6_str	BOBJ1	601.25	After	Left Exterior Girder	56.25	0.95	1	1	6.535763
SU6_str	BOBJ1	601.25	After	Interior Girder 1	56.25	0.95	1	1	6.363465
SU6_str	BOBJ1	601.25	After	Interior Girder 2	56.25	0.95	1	1	6.363465
SU6_str	BOBJ1	601.25	After	Right Exterior Girder	56.25	0.95	1	1	6.535763
SU6_str	BOBJ1	601.7478	Before	Left Exterior Girder	56.7478	0.95	1	1	6.65043
SU6_str	BOBJ1	601.7478	Before	Interior Girder 1	56.7478	0.95	1	1	6.478467
SU6_str	BOBJ1	601.7478	Before	Interior Girder 2	56.7478	0.95	1	1	6.478467
SU6_str	BOBJ1	601.7478	Before	Right Exterior Girder	56.7478	0.95	1	1	6.65043
SU6_str	BOBJ1	601.7478	After	Left Exterior Girder	56.7478	0.95	1	1	2.113985
SU6_str	BOBJ1	601.7478	After	Interior Girder 1	56.7478	0.95	1	1	2.081793
SU6_str	BOBJ1	601.7478	After	Interior Girder 2	56.7478	0.95	1	1	2.081793
SU6_str	BOBJ1	601.7478	After	Right Exterior Girder	56.7478	0.95	1	1	2.113985
SU6_str	BOBJ1	612.5	Before	Left Exterior Girder	67.5	0.95	1	1	4.335023
SU6_str	BOBJ1	612.5	Before	Interior Girder 1	67.5	0.95	1	1	4.294583
SU6_str	BOBJ1	612.5	Before	Interior Girder 2	67.5	0.95	1	1	4.294583
SU6_str	BOBJ1	612.5	Before	Right Exterior Girder	67.5	0.95	1	1	4.335023
SU6_str	BOBJ1	612.5	After	Left Exterior Girder	67.5	0.95	1	1	6.101339
SU6_str	BOBJ1	612.5	After	Interior Girder 1	67.5	0.95	1	1	6.075903
SU6_str	BOBJ1	612.5	After	Interior Girder 2	67.5	0.95	1	1	6.075903
SU6_str	BOBJ1	612.5	After	Right Exterior Girder	67.5	0.95	1	1	6.101339
SU6_str	BOBJ1	623.75	Before	Left Exterior Girder	78.75	0.95	1	1	5.575977
SU6_str	BOBJ1	623.75	Before	Interior Girder 1	78.75	0.95	1	1	4.618861
SU6_str	BOBJ1	623.75	Before	Interior Girder 2	78.75	0.95	1	1	4.618861
SU6_str	BOBJ1	623.75	Before	Right Exterior Girder	78.75	0.95	1	1	5.575977
SU6_str	BOBJ1	623.75	After	Left Exterior Girder	78.75	0.95	1	1	5.578194
SU6_str	BOBJ1	623.75	After	Interior Girder 1	78.75	0.95	1	1	4.612844
SU6_str	BOBJ1	623.75	After	Interior Girder 2	78.75	0.95	1	1	4.612844
SU6_str	BOBJ1	623.75	After	Right Exterior Girder	78.75	0.95	1	1	5.578194
SU6_str	BOBJ1	635	Before	Left Exterior Girder	90	0.95	1	1	3.903475
SU6_str	BOBJ1	635	Before	Interior Girder 1	90	0.95	1	1	3.390787
SU6_str	BOBJ1	635	Before	Interior Girder 2	90	0.95	1	1	3.390787
SU6_str	BOBJ1	635	Before	Right Exterior Girder	90	0.95	1	1	3.903475
SU6_str	BOBJ1	635	After	Left Exterior Girder	90	0.95	1	1	3.969005
SU6_str	BOBJ1	635	After	Interior Girder 1	90	0.95	1	1	3.404593
SU6_str	BOBJ1	635	After	Interior Girder 2	90	0.95	1	1	3.404592
SU6_str	BOBJ1	635	After	Right Exterior Girder	90	0.95	1	1	3.969005
SU6_str	BOBJ1	643.5619	Before	Left Exterior Girder	98.5619	0.95	1	1	3.103477
SU6_str	BOBJ1	643.5619	Before	Interior Girder 1	98.5619	0.95	1	1	2.689893
SU6_str	BOBJ1	643.5619	Before	Interior Girder 2	98.5619	0.95	1	1	2.689893
SU6_str	BOBJ1	643.5619	Before	Right Exterior Girder	98.5619	0.95	1	1	3.103477
SU6_str	BOBJ1	643.5619	After	Left Exterior Girder	98.5619	0.95	1	1	5.872629
SU6_str	BOBJ1	643.5619	After	Interior Girder 1	98.5619	0.95	1	1	5.080604
SU6_str	BOBJ1	643.5619	After	Interior Girder 2	98.5619	0.95	1	1	5.080604
SU6_str	BOBJ1	643.5619	After	Right Exterior Girder	98.5619	0.95	1	1	5.872629

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelNonCompStrgth-Flx - Main Span Girders									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
SU6_str	BOBJ1	646.25	Before	Left Exterior Girder	101.25	0.95	1	1	5.586315
SU6_str	BOBJ1	646.25	Before	Interior Girder 1	101.25	0.95	1	1	4.85561
SU6_str	BOBJ1	646.25	Before	Interior Girder 2	101.25	0.95	1	1	4.85561
SU6_str	BOBJ1	646.25	Before	Right Exterior Girder	101.25	0.95	1	1	5.586315
SU6_str	BOBJ1	646.25	After	Left Exterior Girder	101.25	0.95	1	1	5.582034
SU6_str	BOBJ1	646.25	After	Interior Girder 1	101.25	0.95	1	1	4.855909
SU6_str	BOBJ1	646.25	After	Interior Girder 2	101.25	0.95	1	1	4.855908
SU6_str	BOBJ1	646.25	After	Right Exterior Girder	101.25	0.95	1	1	5.582034
SU6_str	BOBJ1	657.5	Before	Left Exterior Girder	112.5	0.95	1	1	4.628144
SU6_str	BOBJ1	657.5	Before	Interior Girder 1	112.5	0.95	1	1	4.138495
SU6_str	BOBJ1	657.5	Before	Interior Girder 2	112.5	0.95	1	1	4.138495
SU6_str	BOBJ1	657.5	Before	Right Exterior Girder	112.5	0.95	1	1	4.628144
SU6_str	BOBJ1	657.5	After	Left Exterior Girder	112.5	0.95	1	1	4.653749
SU6_str	BOBJ1	657.5	After	Interior Girder 1	112.5	0.95	1	1	4.139814
SU6_str	BOBJ1	657.5	After	Interior Girder 2	112.5	0.95	1	1	4.139813
SU6_str	BOBJ1	657.5	After	Right Exterior Girder	112.5	0.95	1	1	4.653749
SU6_str	BOBJ1	668.75	Before	Left Exterior Girder	123.75	0.95	1	1	4.094734
SU6_str	BOBJ1	668.75	Before	Interior Girder 1	123.75	0.95	1	1	3.629391
SU6_str	BOBJ1	668.75	Before	Interior Girder 2	123.75	0.95	1	1	3.629391
SU6_str	BOBJ1	668.75	Before	Right Exterior Girder	123.75	0.95	1	1	4.094734
SU6_str	BOBJ1	668.75	After	Left Exterior Girder	123.75	0.95	1	1	4.10016
SU6_str	BOBJ1	668.75	After	Interior Girder 1	123.75	0.95	1	1	3.630185
SU6_str	BOBJ1	668.75	After	Interior Girder 2	123.75	0.95	1	1	3.630185
SU6_str	BOBJ1	668.75	After	Right Exterior Girder	123.75	0.95	1	1	4.100159
SU6_str	BOBJ1	680	Before	Left Exterior Girder	135	0.95	1	1	3.76039
SU6_str	BOBJ1	680	Before	Interior Girder 1	135	0.95	1	1	3.383935
SU6_str	BOBJ1	680	Before	Interior Girder 2	135	0.95	1	1	3.383935
SU6_str	BOBJ1	680	Before	Right Exterior Girder	135	0.95	1	1	3.76039
SU6_str	BOBJ1	680	After	Left Exterior Girder	135	0.95	1	1	3.759389
SU6_str	BOBJ1	680	After	Interior Girder 1	135	0.95	1	1	3.391834
SU6_str	BOBJ1	680	After	Interior Girder 2	135	0.95	1	1	3.391835
SU6_str	BOBJ1	680	After	Right Exterior Girder	135	0.95	1	1	3.759389
SU6_str	BOBJ1	691.25	Before	Left Exterior Girder	146.25	0.95	1	1	3.69514
SU6_str	BOBJ1	691.25	Before	Interior Girder 1	146.25	0.95	1	1	3.261062
SU6_str	BOBJ1	691.25	Before	Interior Girder 2	146.25	0.95	1	1	3.261063
SU6_str	BOBJ1	691.25	Before	Right Exterior Girder	146.25	0.95	1	1	3.69514
SU6_str	BOBJ1	691.25	After	Left Exterior Girder	146.25	0.95	1	1	3.698821
SU6_str	BOBJ1	691.25	After	Interior Girder 1	146.25	0.95	1	1	3.260796
SU6_str	BOBJ1	691.25	After	Interior Girder 2	146.25	0.95	1	1	3.260796
SU6_str	BOBJ1	691.25	After	Right Exterior Girder	146.25	0.95	1	1	3.698821
SU6_str	BOBJ1	702.5	Before	Left Exterior Girder	157.5	0.95	1	1	3.846044
SU6_str	BOBJ1	702.5	Before	Interior Girder 1	157.5	0.95	1	1	3.381842
SU6_str	BOBJ1	702.5	Before	Interior Girder 2	157.5	0.95	1	1	3.381842
SU6_str	BOBJ1	702.5	Before	Right Exterior Girder	157.5	0.95	1	1	3.846044
SU6_str	BOBJ1	702.5	After	Left Exterior Girder	157.5	0.95	1	1	3.81384
SU6_str	BOBJ1	702.5	After	Interior Girder 1	157.5	0.95	1	1	3.398887
SU6_str	BOBJ1	702.5	After	Interior Girder 2	157.5	0.95	1	1	3.398888
SU6_str	BOBJ1	702.5	After	Right Exterior Girder	157.5	0.95	1	1	3.813839
SU6_str	BOBJ1	713.75	Before	Left Exterior Girder	168.75	0.95	1	1	4.318076
SU6_str	BOBJ1	713.75	Before	Interior Girder 1	168.75	0.95	1	1	3.680715
SU6_str	BOBJ1	713.75	Before	Interior Girder 2	168.75	0.95	1	1	3.680715
SU6_str	BOBJ1	713.75	Before	Right Exterior Girder	168.75	0.95	1	1	4.318075
SU6_str	BOBJ1	713.75	After	Left Exterior Girder	168.75	0.95	1	1	4.318244
SU6_str	BOBJ1	713.75	After	Interior Girder 1	168.75	0.95	1	1	3.683812
SU6_str	BOBJ1	713.75	After	Interior Girder 2	168.75	0.95	1	1	3.683812
SU6_str	BOBJ1	713.75	After	Right Exterior Girder	168.75	0.95	1	1	4.318243
SU6_str	BOBJ1	725	Before	Left Exterior Girder	180	0.95	1	1	5.250166
SU6_str	BOBJ1	725	Before	Interior Girder 1	180	0.95	1	1	4.363956
SU6_str	BOBJ1	725	Before	Interior Girder 2	180	0.95	1	1	4.363956
SU6_str	BOBJ1	725	Before	Right Exterior Girder	180	0.95	1	1	5.250165
SU6_str	BOBJ1	725	After	Left Exterior Girder	180	0.95	1	1	5.190041
SU6_str	BOBJ1	725	After	Interior Girder 1	180	0.95	1	1	4.404768
SU6_str	BOBJ1	725	After	Interior Girder 2	180	0.95	1	1	4.404768
SU6_str	BOBJ1	725	After	Right Exterior Girder	180	0.95	1	1	5.190042
SU6_str	BOBJ1	731.1726	Before	Left Exterior Girder	186.1726	0.95	1	1	6.058255
SU6_str	BOBJ1	731.1726	Before	Interior Girder 1	186.1726	0.95	1	1	4.924922
SU6_str	BOBJ1	731.1726	Before	Interior Girder 2	186.1726	0.95	1	1	4.924922
SU6_str	BOBJ1	731.1726	Before	Right Exterior Girder	186.1726	0.95	1	1	6.058255

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelNonCompStrgth-Flx - Main Span Girders									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
SU6_str	BOBJ1	731.1726	After	Left Exterior Girder	186.1726	0.95	1	1	2.601987
SU6_str	BOBJ1	731.1726	After	Interior Girder 1	186.1726	0.95	1	1	2.105286
SU6_str	BOBJ1	731.1726	After	Interior Girder 2	186.1726	0.95	1	1	2.105286
SU6_str	BOBJ1	731.1726	After	Right Exterior Girder	186.1726	0.95	1	1	2.601987
SU6_str	BOBJ1	736.25	Before	Left Exterior Girder	191.25	0.95	1	1	3.206538
SU6_str	BOBJ1	736.25	Before	Interior Girder 1	191.25	0.95	1	1	2.496098
SU6_str	BOBJ1	736.25	Before	Interior Girder 2	191.25	0.95	1	1	2.496098
SU6_str	BOBJ1	736.25	Before	Right Exterior Girder	191.25	0.95	1	1	3.206538
SU6_str	BOBJ1	736.25	After	Left Exterior Girder	191.25	0.95	1	1	3.197427
SU6_str	BOBJ1	736.25	After	Interior Girder 1	191.25	0.95	1	1	2.495552
SU6_str	BOBJ1	736.25	After	Interior Girder 2	191.25	0.95	1	1	2.495552
SU6_str	BOBJ1	736.25	After	Right Exterior Girder	191.25	0.95	1	1	3.197427
SU6_str	BOBJ1	747.5	Before	Left Exterior Girder	202.5	0.95	1	1	5.574894
SU6_str	BOBJ1	747.5	Before	Interior Girder 1	202.5	0.95	1	1	4.064209
SU6_str	BOBJ1	747.5	Before	Interior Girder 2	202.5	0.95	1	1	4.064209
SU6_str	BOBJ1	747.5	Before	Right Exterior Girder	202.5	0.95	1	1	5.574894
SU6_str	BOBJ1	747.5	After	Left Exterior Girder	202.5	0.95	1	1	5.361755
SU6_str	BOBJ1	747.5	After	Interior Girder 1	202.5	0.95	1	1	4.013962
SU6_str	BOBJ1	747.5	After	Interior Girder 2	202.5	0.95	1	1	4.013962
SU6_str	BOBJ1	747.5	After	Right Exterior Girder	202.5	0.95	1	1	5.361754
SU6_str	BOBJ1	758.75	Before	Left Exterior Girder	213.75	0.95	1	1	12.75289
SU6_str	BOBJ1	758.75	Before	Interior Girder 1	213.75	0.95	1	1	8.517193
SU6_str	BOBJ1	758.75	Before	Interior Girder 2	213.75	0.95	1	1	8.517193
SU6_str	BOBJ1	758.75	Before	Right Exterior Girder	213.75	0.95	1	1	12.752886
SU6_str	BOBJ1	758.75	After	Left Exterior Girder	213.75	0.95	1	1	12.707044
SU6_str	BOBJ1	758.75	After	Interior Girder 1	213.75	0.95	1	1	8.415317
SU6_str	BOBJ1	758.75	After	Interior Girder 2	213.75	0.95	1	1	8.415318
SU6_str	BOBJ1	758.75	After	Right Exterior Girder	213.75	0.95	1	1	12.707041
SU6_str	BOBJ1	770	Before	Left Exterior Girder	225	0.95	1	1	260.241444
SU6_str	BOBJ1	770	Before	Interior Girder 1	225	0.95	1	1	215.679798
SU6_str	BOBJ1	770	Before	Interior Girder 2	225	0.95	1	1	215.679033
SU6_str	BOBJ1	770	Before	Right Exterior Girder	225	0.95	1	1	260.242745
SU7_str	BOBJ1	0	After	Left Exterior Girder	0	0.95	1	1	233.79367
SU7_str	BOBJ1	0	After	Interior Girder 1	0	0.95	1	1	194.385083
SU7_str	BOBJ1	0	After	Interior Girder 2	0	0.95	1	1	194.384866
SU7_str	BOBJ1	0	After	Right Exterior Girder	0	0.95	1	1	233.793662
SU7_str	BOBJ1	11.25	Before	Left Exterior Girder	11.25	0.95	1	1	11.611294
SU7_str	BOBJ1	11.25	Before	Interior Girder 1	11.25	0.95	1	1	7.836806
SU7_str	BOBJ1	11.25	Before	Interior Girder 2	11.25	0.95	1	1	7.836808
SU7_str	BOBJ1	11.25	Before	Right Exterior Girder	11.25	0.95	1	1	11.611293
SU7_str	BOBJ1	11.25	After	Left Exterior Girder	11.25	0.95	1	1	11.662443
SU7_str	BOBJ1	11.25	After	Interior Girder 1	11.25	0.95	1	1	7.943358
SU7_str	BOBJ1	11.25	After	Interior Girder 2	11.25	0.95	1	1	7.94336
SU7_str	BOBJ1	11.25	After	Right Exterior Girder	11.25	0.95	1	1	11.662442
SU7_str	BOBJ1	22.5	Before	Left Exterior Girder	22.5	0.95	1	1	4.883661
SU7_str	BOBJ1	22.5	Before	Interior Girder 1	22.5	0.95	1	1	3.704319
SU7_str	BOBJ1	22.5	Before	Interior Girder 2	22.5	0.95	1	1	3.70432
SU7_str	BOBJ1	22.5	Before	Right Exterior Girder	22.5	0.95	1	1	4.883661
SU7_str	BOBJ1	22.5	After	Left Exterior Girder	22.5	0.95	1	1	5.080223
SU7_str	BOBJ1	22.5	After	Interior Girder 1	22.5	0.95	1	1	3.746232
SU7_str	BOBJ1	22.5	After	Interior Girder 2	22.5	0.95	1	1	3.746233
SU7_str	BOBJ1	22.5	After	Right Exterior Girder	22.5	0.95	1	1	5.080223
SU7_str	BOBJ1	33.75	Before	Left Exterior Girder	33.75	0.95	1	1	2.900004
SU7_str	BOBJ1	33.75	Before	Interior Girder 1	33.75	0.95	1	1	2.276724
SU7_str	BOBJ1	33.75	Before	Interior Girder 2	33.75	0.95	1	1	2.276724
SU7_str	BOBJ1	33.75	Before	Right Exterior Girder	33.75	0.95	1	1	2.900004
SU7_str	BOBJ1	33.75	After	Left Exterior Girder	33.75	0.95	1	1	2.907517
SU7_str	BOBJ1	33.75	After	Interior Girder 1	33.75	0.95	1	1	2.276614
SU7_str	BOBJ1	33.75	After	Interior Girder 2	33.75	0.95	1	1	2.276614
SU7_str	BOBJ1	33.75	After	Right Exterior Girder	33.75	0.95	1	1	2.907517
SU7_str	BOBJ1	38.8274	Before	Left Exterior Girder	38.8274	0.95	1	1	2.357322
SU7_str	BOBJ1	38.8274	Before	Interior Girder 1	38.8274	0.95	1	1	1.914656
SU7_str	BOBJ1	38.8274	Before	Interior Girder 2	38.8274	0.95	1	1	1.914656
SU7_str	BOBJ1	38.8274	Before	Right Exterior Girder	38.8274	0.95	1	1	2.357322
SU7_str	BOBJ1	38.8274	After	Left Exterior Girder	38.8274	0.95	1	1	5.487861
SU7_str	BOBJ1	38.8274	After	Interior Girder 1	38.8274	0.95	1	1	4.477875
SU7_str	BOBJ1	38.8274	After	Interior Girder 2	38.8274	0.95	1	1	4.477875
SU7_str	BOBJ1	38.8274	After	Right Exterior Girder	38.8274	0.95	1	1	5.487861

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelNonCompStrgth-Flx - Main Span Girders									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
SU7_str	BOBJ1	45	Before	Left Exterior Girder	45	0.95	1	1	4.695954
SU7_str	BOBJ1	45	Before	Interior Girder 1	45	0.95	1	1	3.997401
SU7_str	BOBJ1	45	Before	Interior Girder 2	45	0.95	1	1	3.997401
SU7_str	BOBJ1	45	Before	Right Exterior Girder	45	0.95	1	1	4.695954
SU7_str	BOBJ1	45	After	Left Exterior Girder	45	0.95	1	1	4.747405
SU7_str	BOBJ1	45	After	Interior Girder 1	45	0.95	1	1	3.961314
SU7_str	BOBJ1	45	After	Interior Girder 2	45	0.95	1	1	3.961314
SU7_str	BOBJ1	45	After	Right Exterior Girder	45	0.95	1	1	4.747405
SU7_str	BOBJ1	56.25	Before	Left Exterior Girder	56.25	0.95	1	1	3.900506
SU7_str	BOBJ1	56.25	Before	Interior Girder 1	56.25	0.95	1	1	3.347394
SU7_str	BOBJ1	56.25	Before	Interior Girder 2	56.25	0.95	1	1	3.347394
SU7_str	BOBJ1	56.25	Before	Right Exterior Girder	56.25	0.95	1	1	3.900506
SU7_str	BOBJ1	56.25	After	Left Exterior Girder	56.25	0.95	1	1	3.900301
SU7_str	BOBJ1	56.25	After	Interior Girder 1	56.25	0.95	1	1	3.347527
SU7_str	BOBJ1	56.25	After	Interior Girder 2	56.25	0.95	1	1	3.347527
SU7_str	BOBJ1	56.25	After	Right Exterior Girder	56.25	0.95	1	1	3.900301
SU7_str	BOBJ1	67.5	Before	Left Exterior Girder	67.5	0.95	1	1	3.446183
SU7_str	BOBJ1	67.5	Before	Interior Girder 1	67.5	0.95	1	1	3.093586
SU7_str	BOBJ1	67.5	Before	Interior Girder 2	67.5	0.95	1	1	3.093586
SU7_str	BOBJ1	67.5	Before	Right Exterior Girder	67.5	0.95	1	1	3.446183
SU7_str	BOBJ1	67.5	After	Left Exterior Girder	67.5	0.95	1	1	3.478427
SU7_str	BOBJ1	67.5	After	Interior Girder 1	67.5	0.95	1	1	3.076003
SU7_str	BOBJ1	67.5	After	Interior Girder 2	67.5	0.95	1	1	3.076002
SU7_str	BOBJ1	67.5	After	Right Exterior Girder	67.5	0.95	1	1	3.478428
SU7_str	BOBJ1	78.75	Before	Left Exterior Girder	78.75	0.95	1	1	3.342046
SU7_str	BOBJ1	78.75	Before	Interior Girder 1	78.75	0.95	1	1	2.964411
SU7_str	BOBJ1	78.75	Before	Interior Girder 2	78.75	0.95	1	1	2.96441
SU7_str	BOBJ1	78.75	Before	Right Exterior Girder	78.75	0.95	1	1	3.342046
SU7_str	BOBJ1	78.75	After	Left Exterior Girder	78.75	0.95	1	1	3.338085
SU7_str	BOBJ1	78.75	After	Interior Girder 1	78.75	0.95	1	1	2.963102
SU7_str	BOBJ1	78.75	After	Interior Girder 2	78.75	0.95	1	1	2.963102
SU7_str	BOBJ1	78.75	After	Right Exterior Girder	78.75	0.95	1	1	3.338085
SU7_str	BOBJ1	90	Before	Left Exterior Girder	90	0.95	1	1	3.395653
SU7_str	BOBJ1	90	Before	Interior Girder 1	90	0.95	1	1	3.07623
SU7_str	BOBJ1	90	Before	Interior Girder 2	90	0.95	1	1	3.07623
SU7_str	BOBJ1	90	Before	Right Exterior Girder	90	0.95	1	1	3.395653
SU7_str	BOBJ1	90	After	Left Exterior Girder	90	0.95	1	1	3.395056
SU7_str	BOBJ1	90	After	Interior Girder 1	90	0.95	1	1	3.068624
SU7_str	BOBJ1	90	After	Interior Girder 2	90	0.95	1	1	3.068624
SU7_str	BOBJ1	90	After	Right Exterior Girder	90	0.95	1	1	3.395057
SU7_str	BOBJ1	101.25	Before	Left Exterior Girder	101.25	0.95	1	1	3.702499
SU7_str	BOBJ1	101.25	Before	Interior Girder 1	101.25	0.95	1	1	3.295496
SU7_str	BOBJ1	101.25	Before	Interior Girder 2	101.25	0.95	1	1	3.295496
SU7_str	BOBJ1	101.25	Before	Right Exterior Girder	101.25	0.95	1	1	3.702499
SU7_str	BOBJ1	101.25	After	Left Exterior Girder	101.25	0.95	1	1	3.697365
SU7_str	BOBJ1	101.25	After	Interior Girder 1	101.25	0.95	1	1	3.296457
SU7_str	BOBJ1	101.25	After	Interior Girder 2	101.25	0.95	1	1	3.296457
SU7_str	BOBJ1	101.25	After	Right Exterior Girder	101.25	0.95	1	1	3.697365
SU7_str	BOBJ1	112.5	Before	Left Exterior Girder	112.5	0.95	1	1	4.207295
SU7_str	BOBJ1	112.5	Before	Interior Girder 1	112.5	0.95	1	1	3.753753
SU7_str	BOBJ1	112.5	Before	Interior Girder 2	112.5	0.95	1	1	3.753753
SU7_str	BOBJ1	112.5	Before	Right Exterior Girder	112.5	0.95	1	1	4.207295
SU7_str	BOBJ1	112.5	After	Left Exterior Girder	112.5	0.95	1	1	4.185951
SU7_str	BOBJ1	112.5	After	Interior Girder 1	112.5	0.95	1	1	3.755272
SU7_str	BOBJ1	112.5	After	Interior Girder 2	112.5	0.95	1	1	3.755272
SU7_str	BOBJ1	112.5	After	Right Exterior Girder	112.5	0.95	1	1	4.185951
SU7_str	BOBJ1	123.75	Before	Left Exterior Girder	123.75	0.95	1	1	5.046838
SU7_str	BOBJ1	123.75	Before	Interior Girder 1	123.75	0.95	1	1	4.411117
SU7_str	BOBJ1	123.75	Before	Interior Girder 2	123.75	0.95	1	1	4.411117
SU7_str	BOBJ1	123.75	Before	Right Exterior Girder	123.75	0.95	1	1	5.046837
SU7_str	BOBJ1	123.75	After	Left Exterior Girder	123.75	0.95	1	1	5.050243
SU7_str	BOBJ1	123.75	After	Interior Girder 1	123.75	0.95	1	1	4.412499
SU7_str	BOBJ1	123.75	After	Interior Girder 2	123.75	0.95	1	1	4.412499
SU7_str	BOBJ1	123.75	After	Right Exterior Girder	123.75	0.95	1	1	5.050243
SU7_str	BOBJ1	126.4381	Before	Left Exterior Girder	126.4381	0.95	1	1	5.310949
SU7_str	BOBJ1	126.4381	Before	Interior Girder 1	126.4381	0.95	1	1	4.614241
SU7_str	BOBJ1	126.4381	Before	Interior Girder 2	126.4381	0.95	1	1	4.614242
SU7_str	BOBJ1	126.4381	Before	Right Exterior Girder	126.4381	0.95	1	1	5.310949

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelNonCompStrgth-Flx - Main Span Girders									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
SU7_str	BOBJ1	126.4381	After	Left Exterior Girder	126.4381	0.95	1	1	2.806112
SU7_str	BOBJ1	126.4381	After	Interior Girder 1	126.4381	0.95	1	1	2.443303
SU7_str	BOBJ1	126.4381	After	Interior Girder 2	126.4381	0.95	1	1	2.443303
SU7_str	BOBJ1	126.4381	After	Right Exterior Girder	126.4381	0.95	1	1	2.806112
SU7_str	BOBJ1	135	Before	Left Exterior Girder	135	0.95	1	1	3.592049
SU7_str	BOBJ1	135	Before	Interior Girder 1	135	0.95	1	1	3.093327
SU7_str	BOBJ1	135	Before	Interior Girder 2	135	0.95	1	1	3.093327
SU7_str	BOBJ1	135	Before	Right Exterior Girder	135	0.95	1	1	3.592049
SU7_str	BOBJ1	135	After	Left Exterior Girder	135	0.95	1	1	3.529141
SU7_str	BOBJ1	135	After	Interior Girder 1	135	0.95	1	1	3.081694
SU7_str	BOBJ1	135	After	Interior Girder 2	135	0.95	1	1	3.081694
SU7_str	BOBJ1	135	After	Right Exterior Girder	135	0.95	1	1	3.529141
SU7_str	BOBJ1	146.25	Before	Left Exterior Girder	146.25	0.95	1	1	5.054688
SU7_str	BOBJ1	146.25	Before	Interior Girder 1	146.25	0.95	1	1	4.194472
SU7_str	BOBJ1	146.25	Before	Interior Girder 2	146.25	0.95	1	1	4.194472
SU7_str	BOBJ1	146.25	Before	Right Exterior Girder	146.25	0.95	1	1	5.054688
SU7_str	BOBJ1	146.25	After	Left Exterior Girder	146.25	0.95	1	1	5.052056
SU7_str	BOBJ1	146.25	After	Interior Girder 1	146.25	0.95	1	1	4.201297
SU7_str	BOBJ1	146.25	After	Interior Girder 2	146.25	0.95	1	1	4.201297
SU7_str	BOBJ1	146.25	After	Right Exterior Girder	146.25	0.95	1	1	5.052056
SU7_str	BOBJ1	157.5	Before	Left Exterior Girder	157.5	0.95	1	1	5.47489
SU7_str	BOBJ1	157.5	Before	Interior Girder 1	157.5	0.95	1	1	5.452086
SU7_str	BOBJ1	157.5	Before	Interior Girder 2	157.5	0.95	1	1	5.452085
SU7_str	BOBJ1	157.5	Before	Right Exterior Girder	157.5	0.95	1	1	5.47489
SU7_str	BOBJ1	157.5	After	Left Exterior Girder	157.5	0.95	1	1	3.889922
SU7_str	BOBJ1	157.5	After	Interior Girder 1	157.5	0.95	1	1	3.853677
SU7_str	BOBJ1	157.5	After	Interior Girder 2	157.5	0.95	1	1	3.853677
SU7_str	BOBJ1	157.5	After	Right Exterior Girder	157.5	0.95	1	1	3.889922
SU7_str	BOBJ1	168.2522	Before	Left Exterior Girder	168.2522	0.95	1	1	1.899178
SU7_str	BOBJ1	168.2522	Before	Interior Girder 1	168.2522	0.95	1	1	1.865039
SU7_str	BOBJ1	168.2522	Before	Interior Girder 2	168.2522	0.95	1	1	1.865039
SU7_str	BOBJ1	168.2522	Before	Right Exterior Girder	168.2522	0.95	1	1	1.899178
SU7_str	BOBJ1	168.2522	After	Left Exterior Girder	168.2522	0.95	1	1	5.971981
SU7_str	BOBJ1	168.2522	After	Interior Girder 1	168.2522	0.95	1	1	5.807893
SU7_str	BOBJ1	168.2522	After	Interior Girder 2	168.2522	0.95	1	1	5.807893
SU7_str	BOBJ1	168.2522	After	Right Exterior Girder	168.2522	0.95	1	1	5.971981
SU7_str	BOBJ1	168.75	Before	Left Exterior Girder	168.75	0.95	1	1	5.864639
SU7_str	BOBJ1	168.75	Before	Interior Girder 1	168.75	0.95	1	1	5.710238
SU7_str	BOBJ1	168.75	Before	Interior Girder 2	168.75	0.95	1	1	5.710238
SU7_str	BOBJ1	168.75	Before	Right Exterior Girder	168.75	0.95	1	1	5.86464
SU7_str	BOBJ1	168.75	After	Left Exterior Girder	168.75	0.95	1	1	5.877232
SU7_str	BOBJ1	168.75	After	Interior Girder 1	168.75	0.95	1	1	5.698695
SU7_str	BOBJ1	168.75	After	Interior Girder 2	168.75	0.95	1	1	5.698695
SU7_str	BOBJ1	168.75	After	Right Exterior Girder	168.75	0.95	1	1	5.877232
SU7_str	BOBJ1	180	Before	Left Exterior Girder	180	0.95	1	1	3.600891
SU7_str	BOBJ1	180	Before	Interior Girder 1	180	0.95	1	1	3.439397
SU7_str	BOBJ1	180	Before	Interior Girder 2	180	0.95	1	1	3.439397
SU7_str	BOBJ1	180	Before	Right Exterior Girder	180	0.95	1	1	3.600891
SU7_str	BOBJ1	180	After	Left Exterior Girder	180	0.95	1	1	4.968867
SU7_str	BOBJ1	180	After	Interior Girder 1	180	0.95	1	1	4.758541
SU7_str	BOBJ1	180	After	Interior Girder 2	180	0.95	1	1	4.758541
SU7_str	BOBJ1	180	After	Right Exterior Girder	180	0.95	1	1	4.968868
SU7_str	BOBJ1	183.1858	Before	Left Exterior Girder	183.1858	0.95	1	1	4.310049
SU7_str	BOBJ1	183.1858	Before	Interior Girder 1	183.1858	0.95	1	1	4.106561
SU7_str	BOBJ1	183.1858	Before	Interior Girder 2	183.1858	0.95	1	1	4.106561
SU7_str	BOBJ1	183.1858	Before	Right Exterior Girder	183.1858	0.95	1	1	4.31005
SU7_str	BOBJ1	183.1858	After	Left Exterior Girder	183.1858	0.95	1	1	9.642378
SU7_str	BOBJ1	183.1858	After	Interior Girder 1	183.1858	0.95	1	1	9.159735
SU7_str	BOBJ1	183.1858	After	Interior Girder 2	183.1858	0.95	1	1	9.159735
SU7_str	BOBJ1	183.1858	After	Right Exterior Girder	183.1858	0.95	1	1	9.642378
SU7_str	BOBJ1	191.25	Before	Left Exterior Girder	191.25	0.95	1	1	7.791424
SU7_str	BOBJ1	191.25	Before	Interior Girder 1	191.25	0.95	1	1	7.274591
SU7_str	BOBJ1	191.25	Before	Interior Girder 2	191.25	0.95	1	1	7.274592
SU7_str	BOBJ1	191.25	Before	Right Exterior Girder	191.25	0.95	1	1	7.791425
SU7_str	BOBJ1	191.25	After	Left Exterior Girder	191.25	0.95	1	1	7.812782
SU7_str	BOBJ1	191.25	After	Interior Girder 1	191.25	0.95	1	1	7.258807
SU7_str	BOBJ1	191.25	After	Interior Girder 2	191.25	0.95	1	1	7.258808
SU7_str	BOBJ1	191.25	After	Right Exterior Girder	191.25	0.95	1	1	7.812782

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelNonCompStrgth-Flx - Main Span Girders									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
SU7_str	BOBJ1	199.9414	Before	Left Exterior Girder	199.9414	0.95	1	1	5.772272
SU7_str	BOBJ1	199.9414	Before	Interior Girder 1	199.9414	0.95	1	1	5.307934
SU7_str	BOBJ1	199.9414	Before	Interior Girder 2	199.9414	0.95	1	1	5.307934
SU7_str	BOBJ1	199.9414	Before	Right Exterior Girder	199.9414	0.95	1	1	5.772272
SU7_str	BOBJ1	199.9414	After	Left Exterior Girder	199.9414	0.95	1	1	9.957038
SU7_str	BOBJ1	199.9414	After	Interior Girder 1	199.9414	0.95	1	1	9.153192
SU7_str	BOBJ1	199.9414	After	Interior Girder 2	199.9414	0.95	1	1	9.153192
SU7_str	BOBJ1	199.9414	After	Right Exterior Girder	199.9414	0.95	1	1	9.957038
SU7_str	BOBJ1	202.5	Before	Left Exterior Girder	202.5	0.95	1	1	9.081106
SU7_str	BOBJ1	202.5	Before	Interior Girder 1	202.5	0.95	1	1	8.52803
SU7_str	BOBJ1	202.5	Before	Interior Girder 2	202.5	0.95	1	1	8.52803
SU7_str	BOBJ1	202.5	Before	Right Exterior Girder	202.5	0.95	1	1	9.081106
SU7_str	BOBJ1	202.5	After	Left Exterior Girder	202.5	0.95	1	1	9.406597
SU7_str	BOBJ1	202.5	After	Interior Girder 1	202.5	0.95	1	1	8.62154
SU7_str	BOBJ1	202.5	After	Interior Girder 2	202.5	0.95	1	1	8.62154
SU7_str	BOBJ1	202.5	After	Right Exterior Girder	202.5	0.95	1	1	9.406597
SU7_str	BOBJ1	210.5642	Before	Left Exterior Girder	210.5642	0.95	1	1	6.818409
SU7_str	BOBJ1	210.5642	Before	Interior Girder 1	210.5642	0.95	1	1	6.48461
SU7_str	BOBJ1	210.5642	Before	Interior Girder 2	210.5642	0.95	1	1	6.48461
SU7_str	BOBJ1	210.5642	Before	Right Exterior Girder	210.5642	0.95	1	1	6.818409
SU7_str	BOBJ1	210.5642	After	Left Exterior Girder	210.5642	0.95	1	1	10.4845
SU7_str	BOBJ1	210.5642	After	Interior Girder 1	210.5642	0.95	1	1	10.003404
SU7_str	BOBJ1	210.5642	After	Interior Girder 2	210.5642	0.95	1	1	10.003404
SU7_str	BOBJ1	210.5642	After	Right Exterior Girder	210.5642	0.95	1	1	10.4845
SU7_str	BOBJ1	213.75	Before	Left Exterior Girder	213.75	0.95	1	1	9.328939
SU7_str	BOBJ1	213.75	Before	Interior Girder 1	213.75	0.95	1	1	8.778671
SU7_str	BOBJ1	213.75	Before	Interior Girder 2	213.75	0.95	1	1	8.77867
SU7_str	BOBJ1	213.75	Before	Right Exterior Girder	213.75	0.95	1	1	9.328939
SU7_str	BOBJ1	213.75	After	Left Exterior Girder	213.75	0.95	1	1	9.318533
SU7_str	BOBJ1	213.75	After	Interior Girder 1	213.75	0.95	1	1	8.760988
SU7_str	BOBJ1	213.75	After	Interior Girder 2	213.75	0.95	1	1	8.760987
SU7_str	BOBJ1	213.75	After	Right Exterior Girder	213.75	0.95	1	1	9.318533
SU7_str	BOBJ1	225	Before	Left Exterior Girder	225	0.95	1	1	5.62037
SU7_str	BOBJ1	225	Before	Interior Girder 1	225	0.95	1	1	5.044626
SU7_str	BOBJ1	225	Before	Interior Girder 2	225	0.95	1	1	5.044626
SU7_str	BOBJ1	225	Before	Right Exterior Girder	225	0.95	1	1	5.62037
SU7_str	BOBJ1	225	After	Left Exterior Girder	0	0.95	1	1	5.290175
SU7_str	BOBJ1	225	After	Interior Girder 1	0	0.95	1	1	4.846867
SU7_str	BOBJ1	225	After	Interior Girder 2	0	0.95	1	1	4.846867
SU7_str	BOBJ1	225	After	Right Exterior Girder	0	0.95	1	1	5.290174
SU7_str	BOBJ1	236.45	Before	Left Exterior Girder	11.45	0.95	1	1	9.400527
SU7_str	BOBJ1	236.45	Before	Interior Girder 1	11.45	0.95	1	1	9.314483
SU7_str	BOBJ1	236.45	Before	Interior Girder 2	11.45	0.95	1	1	9.314483
SU7_str	BOBJ1	236.45	Before	Right Exterior Girder	11.45	0.95	1	1	9.400527
SU7_str	BOBJ1	236.45	After	Left Exterior Girder	11.45	0.95	1	1	9.420224
SU7_str	BOBJ1	236.45	After	Interior Girder 1	11.45	0.95	1	1	9.319282
SU7_str	BOBJ1	236.45	After	Interior Girder 2	11.45	0.95	1	1	9.319282
SU7_str	BOBJ1	236.45	After	Right Exterior Girder	11.45	0.95	1	1	9.420224
SU7_str	BOBJ1	239.5082	Before	Left Exterior Girder	14.5082	0.95	1	1	10.821131
SU7_str	BOBJ1	239.5082	Before	Interior Girder 1	14.5082	0.95	1	1	10.764892
SU7_str	BOBJ1	239.5082	Before	Interior Girder 2	14.5082	0.95	1	1	10.764892
SU7_str	BOBJ1	239.5082	Before	Right Exterior Girder	14.5082	0.95	1	1	10.821131
SU7_str	BOBJ1	239.5082	After	Left Exterior Girder	14.5082	0.95	1	1	7.103874
SU7_str	BOBJ1	239.5082	After	Interior Girder 1	14.5082	0.95	1	1	7.065478
SU7_str	BOBJ1	239.5082	After	Interior Girder 2	14.5082	0.95	1	1	7.065478
SU7_str	BOBJ1	239.5082	After	Right Exterior Girder	14.5082	0.95	1	1	7.103873
SU7_str	BOBJ1	247.9	Before	Left Exterior Girder	22.9	0.95	1	1	10.834777
SU7_str	BOBJ1	247.9	Before	Interior Girder 1	22.9	0.95	1	1	10.671321
SU7_str	BOBJ1	247.9	Before	Interior Girder 2	22.9	0.95	1	1	10.671321
SU7_str	BOBJ1	247.9	Before	Right Exterior Girder	22.9	0.95	1	1	10.834777
SU7_str	BOBJ1	247.9	After	Left Exterior Girder	22.9	0.95	1	1	10.543284
SU7_str	BOBJ1	247.9	After	Interior Girder 1	22.9	0.95	1	1	10.661197
SU7_str	BOBJ1	247.9	After	Interior Girder 2	22.9	0.95	1	1	10.661197
SU7_str	BOBJ1	247.9	After	Right Exterior Girder	22.9	0.95	1	1	10.543284
SU7_str	BOBJ1	258.5189	Before	Left Exterior Girder	33.5189	0.95	1	1	15.090078
SU7_str	BOBJ1	258.5189	Before	Interior Girder 1	33.5189	0.95	1	1	14.068885
SU7_str	BOBJ1	258.5189	Before	Interior Girder 2	33.5189	0.95	1	1	14.068885
SU7_str	BOBJ1	258.5189	Before	Right Exterior Girder	33.5189	0.95	1	1	15.090078

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelNonCompStrgth-Flx - Main Span Girders									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
SU7_str	BOBJ1	258.5189	After	Left Exterior Girder	33.5189	0.95	1	1	10.265606
SU7_str	BOBJ1	258.5189	After	Interior Girder 1	33.5189	0.95	1	1	9.468802
SU7_str	BOBJ1	258.5189	After	Interior Girder 2	33.5189	0.95	1	1	9.468802
SU7_str	BOBJ1	258.5189	After	Right Exterior Girder	33.5189	0.95	1	1	10.265606
SU7_str	BOBJ1	259.3	Before	Left Exterior Girder	34.3	0.95	1	1	10.507914
SU7_str	BOBJ1	259.3	Before	Interior Girder 1	34.3	0.95	1	1	9.704072
SU7_str	BOBJ1	259.3	Before	Interior Girder 2	34.3	0.95	1	1	9.704072
SU7_str	BOBJ1	259.3	Before	Right Exterior Girder	34.3	0.95	1	1	10.507915
SU7_str	BOBJ1	259.3	After	Left Exterior Girder	34.3	0.95	1	1	10.500555
SU7_str	BOBJ1	259.3	After	Interior Girder 1	34.3	0.95	1	1	9.710542
SU7_str	BOBJ1	259.3	After	Interior Girder 2	34.3	0.95	1	1	9.710542
SU7_str	BOBJ1	259.3	After	Right Exterior Girder	34.3	0.95	1	1	10.500555
SU7_str	BOBJ1	266.1031	Before	Left Exterior Girder	41.1031	0.95	1	1	12.550857
SU7_str	BOBJ1	266.1031	Before	Interior Girder 1	41.1031	0.95	1	1	11.795837
SU7_str	BOBJ1	266.1031	Before	Interior Girder 2	41.1031	0.95	1	1	11.795837
SU7_str	BOBJ1	266.1031	Before	Right Exterior Girder	41.1031	0.95	1	1	12.550857
SU7_str	BOBJ1	266.1031	After	Left Exterior Girder	41.1031	0.95	1	1	6.499295
SU7_str	BOBJ1	266.1031	After	Interior Girder 1	41.1031	0.95	1	1	6.115515
SU7_str	BOBJ1	266.1031	After	Interior Girder 2	41.1031	0.95	1	1	6.115515
SU7_str	BOBJ1	266.1031	After	Right Exterior Girder	41.1031	0.95	1	1	6.499295
SU7_str	BOBJ1	270.7	Before	Left Exterior Girder	45.7	0.95	1	1	7.789654
SU7_str	BOBJ1	270.7	Before	Interior Girder 1	45.7	0.95	1	1	7.407028
SU7_str	BOBJ1	270.7	Before	Interior Girder 2	45.7	0.95	1	1	7.407028
SU7_str	BOBJ1	270.7	Before	Right Exterior Girder	45.7	0.95	1	1	7.789654
SU7_str	BOBJ1	270.7	After	Left Exterior Girder	45.7	0.95	1	1	9.133083
SU7_str	BOBJ1	270.7	After	Interior Girder 1	45.7	0.95	1	1	8.680997
SU7_str	BOBJ1	270.7	After	Interior Girder 2	45.7	0.95	1	1	8.680997
SU7_str	BOBJ1	270.7	After	Right Exterior Girder	45.7	0.95	1	1	9.133082
SU7_str	BOBJ1	273.6874	Before	Left Exterior Girder	48.6874	0.95	1	1	10.005437
SU7_str	BOBJ1	273.6874	Before	Interior Girder 1	48.6874	0.95	1	1	9.547611
SU7_str	BOBJ1	273.6874	Before	Interior Girder 2	48.6874	0.95	1	1	9.547611
SU7_str	BOBJ1	273.6874	Before	Right Exterior Girder	48.6874	0.95	1	1	10.005437
SU7_str	BOBJ1	273.6874	After	Left Exterior Girder	48.6874	0.95	1	1	4.306834
SU7_str	BOBJ1	273.6874	After	Interior Girder 1	48.6874	0.95	1	1	4.139809
SU7_str	BOBJ1	273.6874	After	Interior Girder 2	48.6874	0.95	1	1	4.139809
SU7_str	BOBJ1	273.6874	After	Right Exterior Girder	48.6874	0.95	1	1	4.306834
SU7_str	BOBJ1	282.15	Before	Left Exterior Girder	57.15	0.95	1	1	6.60008
SU7_str	BOBJ1	282.15	Before	Interior Girder 1	57.15	0.95	1	1	6.403079
SU7_str	BOBJ1	282.15	Before	Interior Girder 2	57.15	0.95	1	1	6.403079
SU7_str	BOBJ1	282.15	Before	Right Exterior Girder	57.15	0.95	1	1	6.60008
SU7_str	BOBJ1	282.15	After	Left Exterior Girder	57.15	0.95	1	1	6.590664
SU7_str	BOBJ1	282.15	After	Interior Girder 1	57.15	0.95	1	1	6.412401
SU7_str	BOBJ1	282.15	After	Interior Girder 2	57.15	0.95	1	1	6.412401
SU7_str	BOBJ1	282.15	After	Right Exterior Girder	57.15	0.95	1	1	6.590664
SU7_str	BOBJ1	293.6	Before	Left Exterior Girder	68.6	0.95	1	1	4.95379
SU7_str	BOBJ1	293.6	Before	Interior Girder 1	68.6	0.95	1	1	3.940463
SU7_str	BOBJ1	293.6	Before	Interior Girder 2	68.6	0.95	1	1	3.940463
SU7_str	BOBJ1	293.6	Before	Right Exterior Girder	68.6	0.95	1	1	4.95379
SU7_str	BOBJ1	293.6	After	Left Exterior Girder	68.6	0.95	1	1	5.12024
SU7_str	BOBJ1	293.6	After	Interior Girder 1	68.6	0.95	1	1	4.009402
SU7_str	BOBJ1	293.6	After	Interior Girder 2	68.6	0.95	1	1	4.009402
SU7_str	BOBJ1	293.6	After	Right Exterior Girder	68.6	0.95	1	1	5.12024
SU7_str	BOBJ1	305	Before	Left Exterior Girder	80	0.95	1	1	2.77378
SU7_str	BOBJ1	305	Before	Interior Girder 1	80	0.95	1	1	2.226133
SU7_str	BOBJ1	305	Before	Interior Girder 2	80	0.95	1	1	2.226133
SU7_str	BOBJ1	305	Before	Right Exterior Girder	80	0.95	1	1	2.77378
SU7_str	BOBJ1	305	After	Left Exterior Girder	80	0.95	1	1	2.773378
SU7_str	BOBJ1	305	After	Interior Girder 1	80	0.95	1	1	2.225105
SU7_str	BOBJ1	305	After	Interior Girder 2	80	0.95	1	1	2.225105
SU7_str	BOBJ1	305	After	Right Exterior Girder	80	0.95	1	1	2.773378
SU7_str	BOBJ1	306.9561	Before	Left Exterior Girder	81.9561	0.95	1	1	2.457794
SU7_str	BOBJ1	306.9561	Before	Interior Girder 1	81.9561	0.95	1	1	1.994161
SU7_str	BOBJ1	306.9561	Before	Interior Girder 2	81.9561	0.95	1	1	1.994161
SU7_str	BOBJ1	306.9561	Before	Right Exterior Girder	81.9561	0.95	1	1	2.457794
SU7_str	BOBJ1	306.9561	After	Left Exterior Girder	81.9561	0.95	1	1	6.431254
SU7_str	BOBJ1	306.9561	After	Interior Girder 1	81.9561	0.95	1	1	5.280284
SU7_str	BOBJ1	306.9561	After	Interior Girder 2	81.9561	0.95	1	1	5.280284
SU7_str	BOBJ1	306.9561	After	Right Exterior Girder	81.9561	0.95	1	1	6.431254

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelINonCompStrgth-Flx - Main Span Girders									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
SU7_str	BOBJ1	316.4	Before	Left Exterior Girder	91.4	0.95	1	1	4.728408
SU7_str	BOBJ1	316.4	Before	Interior Girder 1	91.4	0.95	1	1	4.034881
SU7_str	BOBJ1	316.4	Before	Interior Girder 2	91.4	0.95	1	1	4.034881
SU7_str	BOBJ1	316.4	Before	Right Exterior Girder	91.4	0.95	1	1	4.728409
SU7_str	BOBJ1	316.4	After	Left Exterior Girder	91.4	0.95	1	1	4.79072
SU7_str	BOBJ1	316.4	After	Interior Girder 1	91.4	0.95	1	1	4.034644
SU7_str	BOBJ1	316.4	After	Interior Girder 2	91.4	0.95	1	1	4.034645
SU7_str	BOBJ1	316.4	After	Right Exterior Girder	91.4	0.95	1	1	4.79072
SU7_str	BOBJ1	327.85	Before	Left Exterior Girder	102.9679	0.95	1	1	3.431381
SU7_str	BOBJ1	327.85	Before	Interior Girder 1	102.9679	0.95	1	1	2.914903
SU7_str	BOBJ1	327.85	Before	Interior Girder 2	102.9679	0.95	1	1	2.914903
SU7_str	BOBJ1	327.85	Before	Right Exterior Girder	102.9679	0.95	1	1	3.431381
SU7_str	BOBJ1	327.85	After	Left Exterior Girder	102.9679	0.95	1	1	6.629108
SU7_str	BOBJ1	327.85	After	Interior Girder 1	102.9679	0.95	1	1	5.719849
SU7_str	BOBJ1	327.85	After	Interior Girder 2	102.9679	0.95	1	1	5.71985
SU7_str	BOBJ1	327.85	After	Right Exterior Girder	102.9679	0.95	1	1	6.629107
SU7_str	BOBJ1	339.3	Before	Left Exterior Girder	114.3	0.95	1	1	5.39335
SU7_str	BOBJ1	339.3	Before	Interior Girder 1	114.3	0.95	1	1	4.779142
SU7_str	BOBJ1	339.3	Before	Interior Girder 2	114.3	0.95	1	1	4.779143
SU7_str	BOBJ1	339.3	Before	Right Exterior Girder	114.3	0.95	1	1	5.39335
SU7_str	BOBJ1	339.3	After	Left Exterior Girder	114.3	0.95	1	1	5.432658
SU7_str	BOBJ1	339.3	After	Interior Girder 1	114.3	0.95	1	1	4.784593
SU7_str	BOBJ1	339.3	After	Interior Girder 2	114.3	0.95	1	1	4.784593
SU7_str	BOBJ1	339.3	After	Right Exterior Girder	114.3	0.95	1	1	5.432658
SU7_str	BOBJ1	350.7	Before	Left Exterior Girder	125.7	0.95	1	1	4.658556
SU7_str	BOBJ1	350.7	Before	Interior Girder 1	125.7	0.95	1	1	4.099431
SU7_str	BOBJ1	350.7	Before	Interior Girder 2	125.7	0.95	1	1	4.099432
SU7_str	BOBJ1	350.7	Before	Right Exterior Girder	125.7	0.95	1	1	4.658556
SU7_str	BOBJ1	350.7	After	Left Exterior Girder	125.7	0.95	1	1	4.65569
SU7_str	BOBJ1	350.7	After	Interior Girder 1	125.7	0.95	1	1	4.099712
SU7_str	BOBJ1	350.7	After	Interior Girder 2	125.7	0.95	1	1	4.099712
SU7_str	BOBJ1	350.7	After	Right Exterior Girder	125.7	0.95	1	1	4.65569
SU7_str	BOBJ1	362.1	Before	Left Exterior Girder	137.1	0.95	1	1	4.123689
SU7_str	BOBJ1	362.1	Before	Interior Girder 1	137.1	0.95	1	1	3.689082
SU7_str	BOBJ1	362.1	Before	Interior Girder 2	137.1	0.95	1	1	3.689082
SU7_str	BOBJ1	362.1	Before	Right Exterior Girder	137.1	0.95	1	1	4.123689
SU7_str	BOBJ1	362.1	After	Left Exterior Girder	137.1	0.95	1	1	4.1404
SU7_str	BOBJ1	362.1	After	Interior Girder 1	137.1	0.95	1	1	3.694873
SU7_str	BOBJ1	362.1	After	Interior Girder 2	137.1	0.95	1	1	3.694873
SU7_str	BOBJ1	362.1	After	Right Exterior Girder	137.1	0.95	1	1	4.1404
SU7_str	BOBJ1	373.55	Before	Left Exterior Girder	148.55	0.95	1	1	3.870986
SU7_str	BOBJ1	373.55	Before	Interior Girder 1	148.55	0.95	1	1	3.434322
SU7_str	BOBJ1	373.55	Before	Interior Girder 2	148.55	0.95	1	1	3.434322
SU7_str	BOBJ1	373.55	Before	Right Exterior Girder	148.55	0.95	1	1	3.870986
SU7_str	BOBJ1	373.55	After	Left Exterior Girder	148.55	0.95	1	1	3.868778
SU7_str	BOBJ1	373.55	After	Interior Girder 1	148.55	0.95	1	1	3.434731
SU7_str	BOBJ1	373.55	After	Interior Girder 2	148.55	0.95	1	1	3.434731
SU7_str	BOBJ1	373.55	After	Right Exterior Girder	148.55	0.95	1	1	3.868778
SU7_str	BOBJ1	385	Before	Left Exterior Girder	160	0.95	1	1	3.758419
SU7_str	BOBJ1	385	Before	Interior Girder 1	160	0.95	1	1	3.371792
SU7_str	BOBJ1	385	Before	Interior Girder 2	160	0.95	1	1	3.371792
SU7_str	BOBJ1	385	Before	Right Exterior Girder	160	0.95	1	1	3.758419
SU7_str	BOBJ1	385	After	Left Exterior Girder	160	0.95	1	1	3.758419
SU7_str	BOBJ1	385	After	Interior Girder 1	160	0.95	1	1	3.371792
SU7_str	BOBJ1	385	After	Interior Girder 2	160	0.95	1	1	3.371792
SU7_str	BOBJ1	385	After	Right Exterior Girder	160	0.95	1	1	3.758419
SU7_str	BOBJ1	396.45	Before	Left Exterior Girder	171.45	0.95	1	1	3.868778
SU7_str	BOBJ1	396.45	Before	Interior Girder 1	171.45	0.95	1	1	3.434731
SU7_str	BOBJ1	396.45	Before	Interior Girder 2	171.45	0.95	1	1	3.434731
SU7_str	BOBJ1	396.45	Before	Right Exterior Girder	171.45	0.95	1	1	3.868778
SU7_str	BOBJ1	396.45	After	Left Exterior Girder	171.45	0.95	1	1	3.870986
SU7_str	BOBJ1	396.45	After	Interior Girder 1	171.45	0.95	1	1	3.434322
SU7_str	BOBJ1	396.45	After	Interior Girder 2	171.45	0.95	1	1	3.434322
SU7_str	BOBJ1	396.45	After	Right Exterior Girder	171.45	0.95	1	1	3.870986
SU7_str	BOBJ1	407.9	Before	Left Exterior Girder	182.9	0.95	1	1	4.1404
SU7_str	BOBJ1	407.9	Before	Interior Girder 1	182.9	0.95	1	1	3.694873
SU7_str	BOBJ1	407.9	Before	Interior Girder 2	182.9	0.95	1	1	3.694873
SU7_str	BOBJ1	407.9	Before	Right Exterior Girder	182.9	0.95	1	1	4.1404

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelNonCompStrgth-Flx - Main Span Girders									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
SU7_str	BOBJ1	407.9	After	Left Exterior Girder	182.9	0.95	1	1	4.123689
SU7_str	BOBJ1	407.9	After	Interior Girder 1	182.9	0.95	1	1	3.689082
SU7_str	BOBJ1	407.9	After	Interior Girder 2	182.9	0.95	1	1	3.689082
SU7_str	BOBJ1	407.9	After	Right Exterior Girder	182.9	0.95	1	1	4.123689
SU7_str	BOBJ1	419.3	Before	Left Exterior Girder	194.3	0.95	1	1	4.65569
SU7_str	BOBJ1	419.3	Before	Interior Girder 1	194.3	0.95	1	1	4.099712
SU7_str	BOBJ1	419.3	Before	Interior Girder 2	194.3	0.95	1	1	4.099712
SU7_str	BOBJ1	419.3	Before	Right Exterior Girder	194.3	0.95	1	1	4.65569
SU7_str	BOBJ1	419.3	After	Left Exterior Girder	194.3	0.95	1	1	4.658556
SU7_str	BOBJ1	419.3	After	Interior Girder 1	194.3	0.95	1	1	4.099431
SU7_str	BOBJ1	419.3	After	Interior Girder 2	194.3	0.95	1	1	4.099431
SU7_str	BOBJ1	419.3	After	Right Exterior Girder	194.3	0.95	1	1	4.658556
SU7_str	BOBJ1	430.7	Before	Left Exterior Girder	205.7	0.95	1	1	5.432658
SU7_str	BOBJ1	430.7	Before	Interior Girder 1	205.7	0.95	1	1	4.784593
SU7_str	BOBJ1	430.7	Before	Interior Girder 2	205.7	0.95	1	1	4.784593
SU7_str	BOBJ1	430.7	Before	Right Exterior Girder	205.7	0.95	1	1	5.432658
SU7_str	BOBJ1	430.7	After	Left Exterior Girder	205.7	0.95	1	1	5.39335
SU7_str	BOBJ1	430.7	After	Interior Girder 1	205.7	0.95	1	1	4.779142
SU7_str	BOBJ1	430.7	After	Interior Girder 2	205.7	0.95	1	1	4.779142
SU7_str	BOBJ1	430.7	After	Right Exterior Girder	205.7	0.95	1	1	5.39335
SU7_str	BOBJ1	442.15	Before	Left Exterior Girder	217.0321	0.95	1	1	6.61816
SU7_str	BOBJ1	442.15	Before	Interior Girder 1	217.0321	0.95	1	1	5.719553
SU7_str	BOBJ1	442.15	Before	Interior Girder 2	217.0321	0.95	1	1	5.719553
SU7_str	BOBJ1	442.15	Before	Right Exterior Girder	217.0321	0.95	1	1	6.61816
SU7_str	BOBJ1	442.15	After	Left Exterior Girder	217.0321	0.95	1	1	3.426515
SU7_str	BOBJ1	442.15	After	Interior Girder 1	217.0321	0.95	1	1	2.913987
SU7_str	BOBJ1	442.15	After	Interior Girder 2	217.0321	0.95	1	1	2.913987
SU7_str	BOBJ1	442.15	After	Right Exterior Girder	217.0321	0.95	1	1	3.426515
SU7_str	BOBJ1	453.6	Before	Left Exterior Girder	228.6	0.95	1	1	4.79072
SU7_str	BOBJ1	453.6	Before	Interior Girder 1	228.6	0.95	1	1	4.034644
SU7_str	BOBJ1	453.6	Before	Interior Girder 2	228.6	0.95	1	1	4.034644
SU7_str	BOBJ1	453.6	Before	Right Exterior Girder	228.6	0.95	1	1	4.79072
SU7_str	BOBJ1	453.6	After	Left Exterior Girder	228.6	0.95	1	1	4.728408
SU7_str	BOBJ1	453.6	After	Interior Girder 1	228.6	0.95	1	1	4.034881
SU7_str	BOBJ1	453.6	After	Interior Girder 2	228.6	0.95	1	1	4.034881
SU7_str	BOBJ1	453.6	After	Right Exterior Girder	228.6	0.95	1	1	4.728408
SU7_str	BOBJ1	463.0439	Before	Left Exterior Girder	238.0439	0.95	1	1	6.412358
SU7_str	BOBJ1	463.0439	Before	Interior Girder 1	238.0439	0.95	1	1	5.280136
SU7_str	BOBJ1	463.0439	Before	Interior Girder 2	238.0439	0.95	1	1	5.280136
SU7_str	BOBJ1	463.0439	Before	Right Exterior Girder	238.0439	0.95	1	1	6.412358
SU7_str	BOBJ1	463.0439	After	Left Exterior Girder	238.0439	0.95	1	1	2.451272
SU7_str	BOBJ1	463.0439	After	Interior Girder 1	238.0439	0.95	1	1	1.993341
SU7_str	BOBJ1	463.0439	After	Interior Girder 2	238.0439	0.95	1	1	1.993341
SU7_str	BOBJ1	463.0439	After	Right Exterior Girder	238.0439	0.95	1	1	2.451272
SU7_str	BOBJ1	465	Before	Left Exterior Girder	240	0.95	1	1	2.773378
SU7_str	BOBJ1	465	Before	Interior Girder 1	240	0.95	1	1	2.225105
SU7_str	BOBJ1	465	Before	Interior Girder 2	240	0.95	1	1	2.225105
SU7_str	BOBJ1	465	Before	Right Exterior Girder	240	0.95	1	1	2.773378
SU7_str	BOBJ1	465	After	Left Exterior Girder	240	0.95	1	1	2.773779
SU7_str	BOBJ1	465	After	Interior Girder 1	240	0.95	1	1	2.226133
SU7_str	BOBJ1	465	After	Interior Girder 2	240	0.95	1	1	2.226133
SU7_str	BOBJ1	465	After	Right Exterior Girder	240	0.95	1	1	2.773779
SU7_str	BOBJ1	476.4	Before	Left Exterior Girder	251.4	0.95	1	1	5.12024
SU7_str	BOBJ1	476.4	Before	Interior Girder 1	251.4	0.95	1	1	4.009402
SU7_str	BOBJ1	476.4	Before	Interior Girder 2	251.4	0.95	1	1	4.009402
SU7_str	BOBJ1	476.4	Before	Right Exterior Girder	251.4	0.95	1	1	5.12024
SU7_str	BOBJ1	476.4	After	Left Exterior Girder	251.4	0.95	1	1	4.95379
SU7_str	BOBJ1	476.4	After	Interior Girder 1	251.4	0.95	1	1	3.940463
SU7_str	BOBJ1	476.4	After	Interior Girder 2	251.4	0.95	1	1	3.940464
SU7_str	BOBJ1	476.4	After	Right Exterior Girder	251.4	0.95	1	1	4.95379
SU7_str	BOBJ1	487.85	Before	Left Exterior Girder	262.85	0.95	1	1	6.20016
SU7_str	BOBJ1	487.85	Before	Interior Girder 1	262.85	0.95	1	1	6.097061
SU7_str	BOBJ1	487.85	Before	Interior Girder 2	262.85	0.95	1	1	6.097061
SU7_str	BOBJ1	487.85	Before	Right Exterior Girder	262.85	0.95	1	1	6.20016
SU7_str	BOBJ1	487.85	After	Left Exterior Girder	262.85	0.95	1	1	6.209852
SU7_str	BOBJ1	487.85	After	Interior Girder 1	262.85	0.95	1	1	6.087525
SU7_str	BOBJ1	487.85	After	Interior Girder 2	262.85	0.95	1	1	6.087525
SU7_str	BOBJ1	487.85	After	Right Exterior Girder	262.85	0.95	1	1	6.209852

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelNonCompStrgth-Flx - Main Span Girders									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
SU7_str	BOBJ1	496.3126	Before	Left Exterior Girder	271.3126	0.95	1	1	3.932468
SU7_str	BOBJ1	496.3126	Before	Interior Girder 1	271.3126	0.95	1	1	3.844735
SU7_str	BOBJ1	496.3126	Before	Interior Girder 2	271.3126	0.95	1	1	3.844735
SU7_str	BOBJ1	496.3126	Before	Right Exterior Girder	271.3126	0.95	1	1	3.932468
SU7_str	BOBJ1	496.3126	After	Left Exterior Girder	271.3126	0.95	1	1	10.009073
SU7_str	BOBJ1	496.3126	After	Interior Girder 1	271.3126	0.95	1	1	9.555747
SU7_str	BOBJ1	496.3126	After	Interior Girder 2	271.3126	0.95	1	1	9.555747
SU7_str	BOBJ1	496.3126	After	Right Exterior Girder	271.3126	0.95	1	1	10.009073
SU7_str	BOBJ1	499.3	Before	Left Exterior Girder	274.3	0.95	1	1	9.133083
SU7_str	BOBJ1	499.3	Before	Interior Girder 1	274.3	0.95	1	1	8.680998
SU7_str	BOBJ1	499.3	Before	Interior Girder 2	274.3	0.95	1	1	8.680997
SU7_str	BOBJ1	499.3	Before	Right Exterior Girder	274.3	0.95	1	1	9.133083
SU7_str	BOBJ1	499.3	After	Left Exterior Girder	274.3	0.95	1	1	7.789654
SU7_str	BOBJ1	499.3	After	Interior Girder 1	274.3	0.95	1	1	7.407028
SU7_str	BOBJ1	499.3	After	Interior Girder 2	274.3	0.95	1	1	7.407028
SU7_str	BOBJ1	499.3	After	Right Exterior Girder	274.3	0.95	1	1	7.789654
SU7_str	BOBJ1	503.8969	Before	Left Exterior Girder	278.8969	0.95	1	1	6.499295
SU7_str	BOBJ1	503.8969	Before	Interior Girder 1	278.8969	0.95	1	1	6.115515
SU7_str	BOBJ1	503.8969	Before	Interior Girder 2	278.8969	0.95	1	1	6.115515
SU7_str	BOBJ1	503.8969	Before	Right Exterior Girder	278.8969	0.95	1	1	6.499295
SU7_str	BOBJ1	503.8969	After	Left Exterior Girder	278.8969	0.95	1	1	12.550857
SU7_str	BOBJ1	503.8969	After	Interior Girder 1	278.8969	0.95	1	1	11.795837
SU7_str	BOBJ1	503.8969	After	Interior Girder 2	278.8969	0.95	1	1	11.795837
SU7_str	BOBJ1	503.8969	After	Right Exterior Girder	278.8969	0.95	1	1	12.550857
SU7_str	BOBJ1	510.7	Before	Left Exterior Girder	285.7	0.95	1	1	10.500555
SU7_str	BOBJ1	510.7	Before	Interior Girder 1	285.7	0.95	1	1	9.710542
SU7_str	BOBJ1	510.7	Before	Interior Girder 2	285.7	0.95	1	1	9.710541
SU7_str	BOBJ1	510.7	Before	Right Exterior Girder	285.7	0.95	1	1	10.500555
SU7_str	BOBJ1	510.7	After	Left Exterior Girder	285.7	0.95	1	1	10.507914
SU7_str	BOBJ1	510.7	After	Interior Girder 1	285.7	0.95	1	1	9.704072
SU7_str	BOBJ1	510.7	After	Interior Girder 2	285.7	0.95	1	1	9.704071
SU7_str	BOBJ1	510.7	After	Right Exterior Girder	285.7	0.95	1	1	10.507914
SU7_str	BOBJ1	511.4811	Before	Left Exterior Girder	286.4811	0.95	1	1	10.267218
SU7_str	BOBJ1	511.4811	Before	Interior Girder 1	286.4811	0.95	1	1	9.474125
SU7_str	BOBJ1	511.4811	Before	Interior Girder 2	286.4811	0.95	1	1	9.474125
SU7_str	BOBJ1	511.4811	Before	Right Exterior Girder	286.4811	0.95	1	1	10.267218
SU7_str	BOBJ1	511.4811	After	Left Exterior Girder	286.4811	0.95	1	1	15.130324
SU7_str	BOBJ1	511.4811	After	Interior Girder 1	286.4811	0.95	1	1	14.075678
SU7_str	BOBJ1	511.4811	After	Interior Girder 2	286.4811	0.95	1	1	14.075678
SU7_str	BOBJ1	511.4811	After	Right Exterior Girder	286.4811	0.95	1	1	15.130324
SU7_str	BOBJ1	522.1	Before	Left Exterior Girder	297.1	0.95	1	1	10.543284
SU7_str	BOBJ1	522.1	Before	Interior Girder 1	297.1	0.95	1	1	10.661197
SU7_str	BOBJ1	522.1	Before	Interior Girder 2	297.1	0.95	1	1	10.661197
SU7_str	BOBJ1	522.1	Before	Right Exterior Girder	297.1	0.95	1	1	10.543284
SU7_str	BOBJ1	522.1	After	Left Exterior Girder	297.1	0.95	1	1	10.834778
SU7_str	BOBJ1	522.1	After	Interior Girder 1	297.1	0.95	1	1	10.671321
SU7_str	BOBJ1	522.1	After	Interior Girder 2	297.1	0.95	1	1	10.67132
SU7_str	BOBJ1	522.1	After	Right Exterior Girder	297.1	0.95	1	1	10.834778
SU7_str	BOBJ1	530.4918	Before	Left Exterior Girder	305.4918	0.95	1	1	7.103874
SU7_str	BOBJ1	530.4918	Before	Interior Girder 1	305.4918	0.95	1	1	7.065478
SU7_str	BOBJ1	530.4918	Before	Interior Girder 2	305.4918	0.95	1	1	7.065479
SU7_str	BOBJ1	530.4918	Before	Right Exterior Girder	305.4918	0.95	1	1	7.103874
SU7_str	BOBJ1	530.4918	After	Left Exterior Girder	305.4918	0.95	1	1	10.821132
SU7_str	BOBJ1	530.4918	After	Interior Girder 1	305.4918	0.95	1	1	10.764891
SU7_str	BOBJ1	530.4918	After	Interior Girder 2	305.4918	0.95	1	1	10.764892
SU7_str	BOBJ1	530.4918	After	Right Exterior Girder	305.4918	0.95	1	1	10.821131
SU7_str	BOBJ1	533.55	Before	Left Exterior Girder	308.55	0.95	1	1	9.420225
SU7_str	BOBJ1	533.55	Before	Interior Girder 1	308.55	0.95	1	1	9.319281
SU7_str	BOBJ1	533.55	Before	Interior Girder 2	308.55	0.95	1	1	9.319282
SU7_str	BOBJ1	533.55	Before	Right Exterior Girder	308.55	0.95	1	1	9.420224
SU7_str	BOBJ1	533.55	After	Left Exterior Girder	308.55	0.95	1	1	9.400528
SU7_str	BOBJ1	533.55	After	Interior Girder 1	308.55	0.95	1	1	9.314482
SU7_str	BOBJ1	533.55	After	Interior Girder 2	308.55	0.95	1	1	9.314483
SU7_str	BOBJ1	533.55	After	Right Exterior Girder	308.55	0.95	1	1	9.400527
SU7_str	BOBJ1	545	Before	Left Exterior Girder	320	0.95	1	1	5.290175
SU7_str	BOBJ1	545	Before	Interior Girder 1	320	0.95	1	1	4.846867
SU7_str	BOBJ1	545	Before	Interior Girder 2	320	0.95	1	1	4.846867
SU7_str	BOBJ1	545	Before	Right Exterior Girder	320	0.95	1	1	5.290174

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelNonCompStrgth-Flx - Main Span Girders									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
SU7_str	BOBJ1	545	After	Left Exterior Girder	0	0.95	1	1	5.62037
SU7_str	BOBJ1	545	After	Interior Girder 1	0	0.95	1	1	5.046718
SU7_str	BOBJ1	545	After	Interior Girder 2	0	0.95	1	1	5.046718
SU7_str	BOBJ1	545	After	Right Exterior Girder	0	0.95	1	1	5.62037
SU7_str	BOBJ1	556.25	Before	Left Exterior Girder	11.25	0.95	1	1	9.318533
SU7_str	BOBJ1	556.25	Before	Interior Girder 1	11.25	0.95	1	1	8.760986
SU7_str	BOBJ1	556.25	Before	Interior Girder 2	11.25	0.95	1	1	8.760986
SU7_str	BOBJ1	556.25	Before	Right Exterior Girder	11.25	0.95	1	1	9.318532
SU7_str	BOBJ1	556.25	After	Left Exterior Girder	11.25	0.95	1	1	9.328939
SU7_str	BOBJ1	556.25	After	Interior Girder 1	11.25	0.95	1	1	8.77867
SU7_str	BOBJ1	556.25	After	Interior Girder 2	11.25	0.95	1	1	8.77867
SU7_str	BOBJ1	556.25	After	Right Exterior Girder	11.25	0.95	1	1	9.328938
SU7_str	BOBJ1	559.4358	Before	Left Exterior Girder	14.4358	0.95	1	1	10.4845
SU7_str	BOBJ1	559.4358	Before	Interior Girder 1	14.4358	0.95	1	1	10.003404
SU7_str	BOBJ1	559.4358	Before	Interior Girder 2	14.4358	0.95	1	1	10.003404
SU7_str	BOBJ1	559.4358	Before	Right Exterior Girder	14.4358	0.95	1	1	10.4845
SU7_str	BOBJ1	559.4358	After	Left Exterior Girder	14.4358	0.95	1	1	6.818409
SU7_str	BOBJ1	559.4358	After	Interior Girder 1	14.4358	0.95	1	1	6.48461
SU7_str	BOBJ1	559.4358	After	Interior Girder 2	14.4358	0.95	1	1	6.48461
SU7_str	BOBJ1	559.4358	After	Right Exterior Girder	14.4358	0.95	1	1	6.818409
SU7_str	BOBJ1	567.5	Before	Left Exterior Girder	22.5	0.95	1	1	9.406598
SU7_str	BOBJ1	567.5	Before	Interior Girder 1	22.5	0.95	1	1	8.62154
SU7_str	BOBJ1	567.5	Before	Interior Girder 2	22.5	0.95	1	1	8.62154
SU7_str	BOBJ1	567.5	Before	Right Exterior Girder	22.5	0.95	1	1	9.406598
SU7_str	BOBJ1	567.5	After	Left Exterior Girder	22.5	0.95	1	1	10.108974
SU7_str	BOBJ1	567.5	After	Interior Girder 1	22.5	0.95	1	1	9.418063
SU7_str	BOBJ1	567.5	After	Interior Girder 2	22.5	0.95	1	1	9.418063
SU7_str	BOBJ1	567.5	After	Right Exterior Girder	22.5	0.95	1	1	10.108974
SU7_str	BOBJ1	570.0586	Before	Left Exterior Girder	25.0586	0.95	1	1	11.034152
SU7_str	BOBJ1	570.0586	Before	Interior Girder 1	25.0586	0.95	1	1	10.052431
SU7_str	BOBJ1	570.0586	Before	Interior Girder 2	25.0586	0.95	1	1	10.052431
SU7_str	BOBJ1	570.0586	Before	Right Exterior Girder	25.0586	0.95	1	1	11.034152
SU7_str	BOBJ1	570.0586	After	Left Exterior Girder	25.0586	0.95	1	1	6.602773
SU7_str	BOBJ1	570.0586	After	Interior Girder 1	25.0586	0.95	1	1	6.003797
SU7_str	BOBJ1	570.0586	After	Interior Girder 2	25.0586	0.95	1	1	6.003797
SU7_str	BOBJ1	570.0586	After	Right Exterior Girder	25.0586	0.95	1	1	6.602773
SU7_str	BOBJ1	578.75	Before	Left Exterior Girder	33.75	0.95	1	1	8.680437
SU7_str	BOBJ1	578.75	Before	Interior Girder 1	33.75	0.95	1	1	7.999175
SU7_str	BOBJ1	578.75	Before	Interior Girder 2	33.75	0.95	1	1	7.999175
SU7_str	BOBJ1	578.75	Before	Right Exterior Girder	33.75	0.95	1	1	8.680437
SU7_str	BOBJ1	578.75	After	Left Exterior Girder	33.75	0.95	1	1	8.65967
SU7_str	BOBJ1	578.75	After	Interior Girder 1	33.75	0.95	1	1	8.013989
SU7_str	BOBJ1	578.75	After	Interior Girder 2	33.75	0.95	1	1	8.013989
SU7_str	BOBJ1	578.75	After	Right Exterior Girder	33.75	0.95	1	1	8.65967
SU7_str	BOBJ1	586.8142	Before	Left Exterior Girder	41.8142	0.95	1	1	10.551667
SU7_str	BOBJ1	586.8142	Before	Interior Girder 1	41.8142	0.95	1	1	9.933452
SU7_str	BOBJ1	586.8142	Before	Interior Girder 2	41.8142	0.95	1	1	9.933452
SU7_str	BOBJ1	586.8142	Before	Right Exterior Girder	41.8142	0.95	1	1	10.551667
SU7_str	BOBJ1	586.8142	After	Left Exterior Girder	41.8142	0.95	1	1	4.90675
SU7_str	BOBJ1	586.8142	After	Interior Girder 1	41.8142	0.95	1	1	4.615223
SU7_str	BOBJ1	586.8142	After	Interior Girder 2	41.8142	0.95	1	1	4.615223
SU7_str	BOBJ1	586.8142	After	Right Exterior Girder	41.8142	0.95	1	1	4.90675
SU7_str	BOBJ1	590	Before	Left Exterior Girder	45	0.95	1	1	5.570374
SU7_str	BOBJ1	590	Before	Interior Girder 1	45	0.95	1	1	5.283055
SU7_str	BOBJ1	590	Before	Interior Girder 2	45	0.95	1	1	5.283055
SU7_str	BOBJ1	590	Before	Right Exterior Girder	45	0.95	1	1	5.570374
SU7_str	BOBJ1	590	After	Left Exterior Girder	45	0.95	1	1	3.600891
SU7_str	BOBJ1	590	After	Interior Girder 1	45	0.95	1	1	3.439397
SU7_str	BOBJ1	590	After	Interior Girder 2	45	0.95	1	1	3.439397
SU7_str	BOBJ1	590	After	Right Exterior Girder	45	0.95	1	1	3.60089
SU7_str	BOBJ1	601.25	Before	Left Exterior Girder	56.25	0.95	1	1	5.877232
SU7_str	BOBJ1	601.25	Before	Interior Girder 1	56.25	0.95	1	1	5.698695
SU7_str	BOBJ1	601.25	Before	Interior Girder 2	56.25	0.95	1	1	5.698695
SU7_str	BOBJ1	601.25	Before	Right Exterior Girder	56.25	0.95	1	1	5.877232
SU7_str	BOBJ1	601.25	After	Left Exterior Girder	56.25	0.95	1	1	5.86464
SU7_str	BOBJ1	601.25	After	Interior Girder 1	56.25	0.95	1	1	5.710238
SU7_str	BOBJ1	601.25	After	Interior Girder 2	56.25	0.95	1	1	5.710238
SU7_str	BOBJ1	601.25	After	Right Exterior Girder	56.25	0.95	1	1	5.864639

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelNonCompStrgth-Flx - Main Span Girders

Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
SU7_str	BOBJ1	601.7478	Before	Left Exterior Girder	56.7478	0.95	1	1	5.967541
SU7_str	BOBJ1	601.7478	Before	Interior Girder 1	56.7478	0.95	1	1	5.813436
SU7_str	BOBJ1	601.7478	Before	Interior Girder 2	56.7478	0.95	1	1	5.813436
SU7_str	BOBJ1	601.7478	Before	Right Exterior Girder	56.7478	0.95	1	1	5.967541
SU7_str	BOBJ1	601.7478	After	Left Exterior Girder	56.7478	0.95	1	1	1.896909
SU7_str	BOBJ1	601.7478	After	Interior Girder 1	56.7478	0.95	1	1	1.868075
SU7_str	BOBJ1	601.7478	After	Interior Girder 2	56.7478	0.95	1	1	1.868075
SU7_str	BOBJ1	601.7478	After	Right Exterior Girder	56.7478	0.95	1	1	1.896909
SU7_str	BOBJ1	612.5	Before	Left Exterior Girder	67.5	0.95	1	1	3.889922
SU7_str	BOBJ1	612.5	Before	Interior Girder 1	67.5	0.95	1	1	3.853677
SU7_str	BOBJ1	612.5	Before	Interior Girder 2	67.5	0.95	1	1	3.853677
SU7_str	BOBJ1	612.5	Before	Right Exterior Girder	67.5	0.95	1	1	3.889922
SU7_str	BOBJ1	612.5	After	Left Exterior Girder	67.5	0.95	1	1	5.47489
SU7_str	BOBJ1	612.5	After	Interior Girder 1	67.5	0.95	1	1	5.452085
SU7_str	BOBJ1	612.5	After	Interior Girder 2	67.5	0.95	1	1	5.452085
SU7_str	BOBJ1	612.5	After	Right Exterior Girder	67.5	0.95	1	1	5.47489
SU7_str	BOBJ1	623.75	Before	Left Exterior Girder	78.75	0.95	1	1	5.052056
SU7_str	BOBJ1	623.75	Before	Interior Girder 1	78.75	0.95	1	1	4.201297
SU7_str	BOBJ1	623.75	Before	Interior Girder 2	78.75	0.95	1	1	4.201297
SU7_str	BOBJ1	623.75	Before	Right Exterior Girder	78.75	0.95	1	1	5.052056
SU7_str	BOBJ1	623.75	After	Left Exterior Girder	78.75	0.95	1	1	5.054688
SU7_str	BOBJ1	623.75	After	Interior Girder 1	78.75	0.95	1	1	4.194472
SU7_str	BOBJ1	623.75	After	Interior Girder 2	78.75	0.95	1	1	4.194472
SU7_str	BOBJ1	623.75	After	Right Exterior Girder	78.75	0.95	1	1	5.054688
SU7_str	BOBJ1	635	Before	Left Exterior Girder	90	0.95	1	1	3.529141
SU7_str	BOBJ1	635	Before	Interior Girder 1	90	0.95	1	1	3.081694
SU7_str	BOBJ1	635	Before	Interior Girder 2	90	0.95	1	1	3.081694
SU7_str	BOBJ1	635	Before	Right Exterior Girder	90	0.95	1	1	3.529141
SU7_str	BOBJ1	635	After	Left Exterior Girder	90	0.95	1	1	3.59204
SU7_str	BOBJ1	635	After	Interior Girder 1	90	0.95	1	1	3.093327
SU7_str	BOBJ1	635	After	Interior Girder 2	90	0.95	1	1	3.093327
SU7_str	BOBJ1	635	After	Right Exterior Girder	90	0.95	1	1	3.59204
SU7_str	BOBJ1	643.5619	Before	Left Exterior Girder	98.5619	0.95	1	1	2.806112
SU7_str	BOBJ1	643.5619	Before	Interior Girder 1	98.5619	0.95	1	1	2.443303
SU7_str	BOBJ1	643.5619	Before	Interior Girder 2	98.5619	0.95	1	1	2.443303
SU7_str	BOBJ1	643.5619	Before	Right Exterior Girder	98.5619	0.95	1	1	2.806112
SU7_str	BOBJ1	643.5619	After	Left Exterior Girder	98.5619	0.95	1	1	5.310949
SU7_str	BOBJ1	643.5619	After	Interior Girder 1	98.5619	0.95	1	1	4.614242
SU7_str	BOBJ1	643.5619	After	Interior Girder 2	98.5619	0.95	1	1	4.614241
SU7_str	BOBJ1	643.5619	After	Right Exterior Girder	98.5619	0.95	1	1	5.310949
SU7_str	BOBJ1	646.25	Before	Left Exterior Girder	101.25	0.95	1	1	5.050243
SU7_str	BOBJ1	646.25	Before	Interior Girder 1	101.25	0.95	1	1	4.412499
SU7_str	BOBJ1	646.25	Before	Interior Girder 2	101.25	0.95	1	1	4.412499
SU7_str	BOBJ1	646.25	Before	Right Exterior Girder	101.25	0.95	1	1	5.050243
SU7_str	BOBJ1	646.25	After	Left Exterior Girder	101.25	0.95	1	1	5.046837
SU7_str	BOBJ1	646.25	After	Interior Girder 1	101.25	0.95	1	1	4.411117
SU7_str	BOBJ1	646.25	After	Interior Girder 2	101.25	0.95	1	1	4.411117
SU7_str	BOBJ1	646.25	After	Right Exterior Girder	101.25	0.95	1	1	5.046837
SU7_str	BOBJ1	657.5	Before	Left Exterior Girder	112.5	0.95	1	1	4.185951
SU7_str	BOBJ1	657.5	Before	Interior Girder 1	112.5	0.95	1	1	3.755272
SU7_str	BOBJ1	657.5	Before	Interior Girder 2	112.5	0.95	1	1	3.755272
SU7_str	BOBJ1	657.5	Before	Right Exterior Girder	112.5	0.95	1	1	4.185951
SU7_str	BOBJ1	657.5	After	Left Exterior Girder	112.5	0.95	1	1	4.207295
SU7_str	BOBJ1	657.5	After	Interior Girder 1	112.5	0.95	1	1	3.753761
SU7_str	BOBJ1	657.5	After	Interior Girder 2	112.5	0.95	1	1	3.753761
SU7_str	BOBJ1	657.5	After	Right Exterior Girder	112.5	0.95	1	1	4.207295
SU7_str	BOBJ1	668.75	Before	Left Exterior Girder	123.75	0.95	1	1	3.697365
SU7_str	BOBJ1	668.75	Before	Interior Girder 1	123.75	0.95	1	1	3.296457
SU7_str	BOBJ1	668.75	Before	Interior Girder 2	123.75	0.95	1	1	3.296457
SU7_str	BOBJ1	668.75	Before	Right Exterior Girder	123.75	0.95	1	1	3.697364
SU7_str	BOBJ1	668.75	After	Left Exterior Girder	123.75	0.95	1	1	3.702499
SU7_str	BOBJ1	668.75	After	Interior Girder 1	123.75	0.95	1	1	3.295497
SU7_str	BOBJ1	668.75	After	Interior Girder 2	123.75	0.95	1	1	3.295497
SU7_str	BOBJ1	668.75	After	Right Exterior Girder	123.75	0.95	1	1	3.702499
SU7_str	BOBJ1	680	Before	Left Exterior Girder	135	0.95	1	1	3.395057
SU7_str	BOBJ1	680	Before	Interior Girder 1	135	0.95	1	1	3.068624
SU7_str	BOBJ1	680	Before	Interior Girder 2	135	0.95	1	1	3.068624
SU7_str	BOBJ1	680	Before	Right Exterior Girder	135	0.95	1	1	3.395056

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelNonCompStrgth-Flx - Main Span Girders									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
SU7_str	BOBJ1	680	After	Left Exterior Girder	135	0.95	1	1	3.395653
SU7_str	BOBJ1	680	After	Interior Girder 1	135	0.95	1	1	3.076231
SU7_str	BOBJ1	680	After	Interior Girder 2	135	0.95	1	1	3.076231
SU7_str	BOBJ1	680	After	Right Exterior Girder	135	0.95	1	1	3.395653
SU7_str	BOBJ1	691.25	Before	Left Exterior Girder	146.25	0.95	1	1	3.338085
SU7_str	BOBJ1	691.25	Before	Interior Girder 1	146.25	0.95	1	1	2.963102
SU7_str	BOBJ1	691.25	Before	Interior Girder 2	146.25	0.95	1	1	2.963103
SU7_str	BOBJ1	691.25	Before	Right Exterior Girder	146.25	0.95	1	1	3.338085
SU7_str	BOBJ1	691.25	After	Left Exterior Girder	146.25	0.95	1	1	3.342046
SU7_str	BOBJ1	691.25	After	Interior Girder 1	146.25	0.95	1	1	2.964411
SU7_str	BOBJ1	691.25	After	Interior Girder 2	146.25	0.95	1	1	2.964411
SU7_str	BOBJ1	691.25	After	Right Exterior Girder	146.25	0.95	1	1	3.342045
SU7_str	BOBJ1	702.5	Before	Left Exterior Girder	157.5	0.95	1	1	3.478428
SU7_str	BOBJ1	702.5	Before	Interior Girder 1	157.5	0.95	1	1	3.076003
SU7_str	BOBJ1	702.5	Before	Interior Girder 2	157.5	0.95	1	1	3.076003
SU7_str	BOBJ1	702.5	Before	Right Exterior Girder	157.5	0.95	1	1	3.478428
SU7_str	BOBJ1	702.5	After	Left Exterior Girder	157.5	0.95	1	1	3.446183
SU7_str	BOBJ1	702.5	After	Interior Girder 1	157.5	0.95	1	1	3.093586
SU7_str	BOBJ1	702.5	After	Interior Girder 2	157.5	0.95	1	1	3.093586
SU7_str	BOBJ1	702.5	After	Right Exterior Girder	157.5	0.95	1	1	3.446182
SU7_str	BOBJ1	713.75	Before	Left Exterior Girder	168.75	0.95	1	1	3.900301
SU7_str	BOBJ1	713.75	Before	Interior Girder 1	168.75	0.95	1	1	3.347527
SU7_str	BOBJ1	713.75	Before	Interior Girder 2	168.75	0.95	1	1	3.347527
SU7_str	BOBJ1	713.75	Before	Right Exterior Girder	168.75	0.95	1	1	3.900301
SU7_str	BOBJ1	713.75	After	Left Exterior Girder	168.75	0.95	1	1	3.900506
SU7_str	BOBJ1	713.75	After	Interior Girder 1	168.75	0.95	1	1	3.347394
SU7_str	BOBJ1	713.75	After	Interior Girder 2	168.75	0.95	1	1	3.347394
SU7_str	BOBJ1	713.75	After	Right Exterior Girder	168.75	0.95	1	1	3.900505
SU7_str	BOBJ1	725	Before	Left Exterior Girder	180	0.95	1	1	4.747406
SU7_str	BOBJ1	725	Before	Interior Girder 1	180	0.95	1	1	3.961314
SU7_str	BOBJ1	725	Before	Interior Girder 2	180	0.95	1	1	3.961314
SU7_str	BOBJ1	725	Before	Right Exterior Girder	180	0.95	1	1	4.747405
SU7_str	BOBJ1	725	After	Left Exterior Girder	180	0.95	1	1	4.695953
SU7_str	BOBJ1	725	After	Interior Girder 1	180	0.95	1	1	3.997401
SU7_str	BOBJ1	725	After	Interior Girder 2	180	0.95	1	1	3.997401
SU7_str	BOBJ1	725	After	Right Exterior Girder	180	0.95	1	1	4.695954
SU7_str	BOBJ1	731.1726	Before	Left Exterior Girder	186.1726	0.95	1	1	5.487861
SU7_str	BOBJ1	731.1726	Before	Interior Girder 1	186.1726	0.95	1	1	4.477875
SU7_str	BOBJ1	731.1726	Before	Interior Girder 2	186.1726	0.95	1	1	4.477875
SU7_str	BOBJ1	731.1726	Before	Right Exterior Girder	186.1726	0.95	1	1	5.487861
SU7_str	BOBJ1	731.1726	After	Left Exterior Girder	186.1726	0.95	1	1	2.357322
SU7_str	BOBJ1	731.1726	After	Interior Girder 1	186.1726	0.95	1	1	1.914656
SU7_str	BOBJ1	731.1726	After	Interior Girder 2	186.1726	0.95	1	1	1.914656
SU7_str	BOBJ1	731.1726	After	Right Exterior Girder	186.1726	0.95	1	1	2.357322
SU7_str	BOBJ1	736.25	Before	Left Exterior Girder	191.25	0.95	1	1	2.907517
SU7_str	BOBJ1	736.25	Before	Interior Girder 1	191.25	0.95	1	1	2.276614
SU7_str	BOBJ1	736.25	Before	Interior Girder 2	191.25	0.95	1	1	2.276614
SU7_str	BOBJ1	736.25	Before	Right Exterior Girder	191.25	0.95	1	1	2.907517
SU7_str	BOBJ1	736.25	After	Left Exterior Girder	191.25	0.95	1	1	2.900004
SU7_str	BOBJ1	736.25	After	Interior Girder 1	191.25	0.95	1	1	2.276724
SU7_str	BOBJ1	736.25	After	Interior Girder 2	191.25	0.95	1	1	2.276724
SU7_str	BOBJ1	736.25	After	Right Exterior Girder	191.25	0.95	1	1	2.900004
SU7_str	BOBJ1	747.5	Before	Left Exterior Girder	202.5	0.95	1	1	5.080224
SU7_str	BOBJ1	747.5	Before	Interior Girder 1	202.5	0.95	1	1	3.746232
SU7_str	BOBJ1	747.5	Before	Interior Girder 2	202.5	0.95	1	1	3.746232
SU7_str	BOBJ1	747.5	Before	Right Exterior Girder	202.5	0.95	1	1	5.080223
SU7_str	BOBJ1	747.5	After	Left Exterior Girder	202.5	0.95	1	1	4.883662
SU7_str	BOBJ1	747.5	After	Interior Girder 1	202.5	0.95	1	1	3.704319
SU7_str	BOBJ1	747.5	After	Interior Girder 2	202.5	0.95	1	1	3.704319
SU7_str	BOBJ1	747.5	After	Right Exterior Girder	202.5	0.95	1	1	4.883661
SU7_str	BOBJ1	758.75	Before	Left Exterior Girder	213.75	0.95	1	1	11.662446
SU7_str	BOBJ1	758.75	Before	Interior Girder 1	213.75	0.95	1	1	7.943359
SU7_str	BOBJ1	758.75	Before	Interior Girder 2	213.75	0.95	1	1	7.943359
SU7_str	BOBJ1	758.75	Before	Right Exterior Girder	213.75	0.95	1	1	11.662442
SU7_str	BOBJ1	758.75	After	Left Exterior Girder	213.75	0.95	1	1	11.611297
SU7_str	BOBJ1	758.75	After	Interior Girder 1	213.75	0.95	1	1	7.836807
SU7_str	BOBJ1	758.75	After	Interior Girder 2	213.75	0.95	1	1	7.836807
SU7_str	BOBJ1	758.75	After	Right Exterior Girder	213.75	0.95	1	1	11.611293

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelINonCompStrgth-Flx - Main Span Girders									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
SU7_str	BOBJ1	770	Before	Left Exterior Girder	225	0.95	1	1	233.792455
SU7_str	BOBJ1	770	Before	Interior Girder 1	225	0.95	1	1	194.385099
SU7_str	BOBJ1	770	Before	Interior Girder 2	225	0.95	1	1	194.384408
SU7_str	BOBJ1	770	Before	Right Exterior Girder	225	0.95	1	1	233.793626
Type 3_str	BOBJ1	0	After	Left Exterior Girder	0	0.95	1	1	361.640112
Type 3_str	BOBJ1	0	After	Interior Girder 1	0	0.95	1	1	299.048871
Type 3_str	BOBJ1	0	After	Interior Girder 2	0	0.95	1	1	299.048541
Type 3_str	BOBJ1	0	After	Right Exterior Girder	0	0.95	1	1	361.640099
Type 3_str	BOBJ1	11.25	Before	Left Exterior Girder	11.25	0.95	1	1	17.260284
Type 3_str	BOBJ1	11.25	Before	Interior Girder 1	11.25	0.95	1	1	11.246934
Type 3_str	BOBJ1	11.25	Before	Interior Girder 2	11.25	0.95	1	1	11.246936
Type 3_str	BOBJ1	11.25	Before	Right Exterior Girder	11.25	0.95	1	1	17.260283
Type 3_str	BOBJ1	11.25	After	Left Exterior Girder	11.25	0.95	1	1	17.303773
Type 3_str	BOBJ1	11.25	After	Interior Girder 1	11.25	0.95	1	1	11.386525
Type 3_str	BOBJ1	11.25	After	Interior Girder 2	11.25	0.95	1	1	11.386527
Type 3_str	BOBJ1	11.25	After	Right Exterior Girder	11.25	0.95	1	1	17.303771
Type 3_str	BOBJ1	22.5	Before	Left Exterior Girder	22.5	0.95	1	1	7.360928
Type 3_str	BOBJ1	22.5	Before	Interior Girder 1	22.5	0.95	1	1	5.492893
Type 3_str	BOBJ1	22.5	Before	Interior Girder 2	22.5	0.95	1	1	5.492894
Type 3_str	BOBJ1	22.5	Before	Right Exterior Girder	22.5	0.95	1	1	7.360927
Type 3_str	BOBJ1	22.5	After	Left Exterior Girder	22.5	0.95	1	1	7.671815
Type 3_str	BOBJ1	22.5	After	Interior Girder 1	22.5	0.95	1	1	5.563164
Type 3_str	BOBJ1	22.5	After	Interior Girder 2	22.5	0.95	1	1	5.563165
Type 3_str	BOBJ1	22.5	After	Right Exterior Girder	22.5	0.95	1	1	7.671815
Type 3_str	BOBJ1	33.75	Before	Left Exterior Girder	33.75	0.95	1	1	4.417889
Type 3_str	BOBJ1	33.75	Before	Interior Girder 1	33.75	0.95	1	1	3.434345
Type 3_str	BOBJ1	33.75	Before	Interior Girder 2	33.75	0.95	1	1	3.434346
Type 3_str	BOBJ1	33.75	Before	Right Exterior Girder	33.75	0.95	1	1	4.417889
Type 3_str	BOBJ1	33.75	After	Left Exterior Girder	33.75	0.95	1	1	4.430231
Type 3_str	BOBJ1	33.75	After	Interior Girder 1	33.75	0.95	1	1	3.435303
Type 3_str	BOBJ1	33.75	After	Interior Girder 2	33.75	0.95	1	1	3.435303
Type 3_str	BOBJ1	33.75	After	Right Exterior Girder	33.75	0.95	1	1	4.430231
Type 3_str	BOBJ1	38.8274	Before	Left Exterior Girder	38.8274	0.95	1	1	3.596541
Type 3_str	BOBJ1	38.8274	Before	Interior Girder 1	38.8274	0.95	1	1	2.904526
Type 3_str	BOBJ1	38.8274	Before	Interior Girder 2	38.8274	0.95	1	1	2.904526
Type 3_str	BOBJ1	38.8274	Before	Right Exterior Girder	38.8274	0.95	1	1	3.596541
Type 3_str	BOBJ1	38.8274	After	Left Exterior Girder	38.8274	0.95	1	1	8.374939
Type 3_str	BOBJ1	38.8274	After	Interior Girder 1	38.8274	0.95	1	1	6.79558
Type 3_str	BOBJ1	38.8274	After	Interior Girder 2	38.8274	0.95	1	1	6.795581
Type 3_str	BOBJ1	38.8274	After	Right Exterior Girder	38.8274	0.95	1	1	8.374939
Type 3_str	BOBJ1	45	Before	Left Exterior Girder	45	0.95	1	1	7.170724
Type 3_str	BOBJ1	45	Before	Interior Girder 1	45	0.95	1	1	6.080019
Type 3_str	BOBJ1	45	Before	Interior Girder 2	45	0.95	1	1	6.080019
Type 3_str	BOBJ1	45	Before	Right Exterior Girder	45	0.95	1	1	7.170724
Type 3_str	BOBJ1	45	After	Left Exterior Girder	45	0.95	1	1	7.255332
Type 3_str	BOBJ1	45	After	Interior Girder 1	45	0.95	1	1	6.021591
Type 3_str	BOBJ1	45	After	Interior Girder 2	45	0.95	1	1	6.021591
Type 3_str	BOBJ1	45	After	Right Exterior Girder	45	0.95	1	1	7.255332
Type 3_str	BOBJ1	56.25	Before	Left Exterior Girder	56.25	0.95	1	1	5.976491
Type 3_str	BOBJ1	56.25	Before	Interior Girder 1	56.25	0.95	1	1	5.087849
Type 3_str	BOBJ1	56.25	Before	Interior Girder 2	56.25	0.95	1	1	5.087849
Type 3_str	BOBJ1	56.25	Before	Right Exterior Girder	56.25	0.95	1	1	5.976492
Type 3_str	BOBJ1	56.25	After	Left Exterior Girder	56.25	0.95	1	1	5.975255
Type 3_str	BOBJ1	56.25	After	Interior Girder 1	56.25	0.95	1	1	5.085382
Type 3_str	BOBJ1	56.25	After	Interior Girder 2	56.25	0.95	1	1	5.085382
Type 3_str	BOBJ1	56.25	After	Right Exterior Girder	56.25	0.95	1	1	5.975256
Type 3_str	BOBJ1	67.5	Before	Left Exterior Girder	67.5	0.95	1	1	5.283958
Type 3_str	BOBJ1	67.5	Before	Interior Girder 1	67.5	0.95	1	1	4.702568
Type 3_str	BOBJ1	67.5	Before	Interior Girder 2	67.5	0.95	1	1	4.702567
Type 3_str	BOBJ1	67.5	Before	Right Exterior Girder	67.5	0.95	1	1	5.283958
Type 3_str	BOBJ1	67.5	After	Left Exterior Girder	67.5	0.95	1	1	5.329914
Type 3_str	BOBJ1	67.5	After	Interior Girder 1	67.5	0.95	1	1	4.68167
Type 3_str	BOBJ1	67.5	After	Interior Girder 2	67.5	0.95	1	1	4.681669
Type 3_str	BOBJ1	67.5	After	Right Exterior Girder	67.5	0.95	1	1	5.329915
Type 3_str	BOBJ1	78.75	Before	Left Exterior Girder	78.75	0.95	1	1	5.12928
Type 3_str	BOBJ1	78.75	Before	Interior Girder 1	78.75	0.95	1	1	4.516638
Type 3_str	BOBJ1	78.75	Before	Interior Girder 2	78.75	0.95	1	1	4.516637
Type 3_str	BOBJ1	78.75	Before	Right Exterior Girder	78.75	0.95	1	1	5.12928

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelINonCompStrgth-Flx - Main Span Girders									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Type 3_str	BOBJ1	78.75	After	Left Exterior Girder	78.75	0.95	1	1	5.124154
Type 3_str	BOBJ1	78.75	After	Interior Girder 1	78.75	0.95	1	1	4.518545
Type 3_str	BOBJ1	78.75	After	Interior Girder 2	78.75	0.95	1	1	4.518544
Type 3_str	BOBJ1	78.75	After	Right Exterior Girder	78.75	0.95	1	1	5.124154
Type 3_str	BOBJ1	90	Before	Left Exterior Girder	90	0.95	1	1	5.216926
Type 3_str	BOBJ1	90	Before	Interior Girder 1	90	0.95	1	1	4.703104
Type 3_str	BOBJ1	90	Before	Interior Girder 2	90	0.95	1	1	4.703104
Type 3_str	BOBJ1	90	Before	Right Exterior Girder	90	0.95	1	1	5.216926
Type 3_str	BOBJ1	90	After	Left Exterior Girder	90	0.95	1	1	5.21945
Type 3_str	BOBJ1	90	After	Interior Girder 1	90	0.95	1	1	4.693738
Type 3_str	BOBJ1	90	After	Interior Girder 2	90	0.95	1	1	4.693738
Type 3_str	BOBJ1	90	After	Right Exterior Girder	90	0.95	1	1	5.21945
Type 3_str	BOBJ1	101.25	Before	Left Exterior Girder	101.25	0.95	1	1	5.68963
Type 3_str	BOBJ1	101.25	Before	Interior Girder 1	101.25	0.95	1	1	5.033005
Type 3_str	BOBJ1	101.25	Before	Interior Girder 2	101.25	0.95	1	1	5.033005
Type 3_str	BOBJ1	101.25	Before	Right Exterior Girder	101.25	0.95	1	1	5.68963
Type 3_str	BOBJ1	101.25	After	Left Exterior Girder	101.25	0.95	1	1	5.682394
Type 3_str	BOBJ1	101.25	After	Interior Girder 1	101.25	0.95	1	1	5.030199
Type 3_str	BOBJ1	101.25	After	Interior Girder 2	101.25	0.95	1	1	5.030199
Type 3_str	BOBJ1	101.25	After	Right Exterior Girder	101.25	0.95	1	1	5.682394
Type 3_str	BOBJ1	112.5	Before	Left Exterior Girder	112.5	0.95	1	1	6.455233
Type 3_str	BOBJ1	112.5	Before	Interior Girder 1	112.5	0.95	1	1	5.738598
Type 3_str	BOBJ1	112.5	Before	Interior Girder 2	112.5	0.95	1	1	5.738598
Type 3_str	BOBJ1	112.5	Before	Right Exterior Girder	112.5	0.95	1	1	6.455233
Type 3_str	BOBJ1	112.5	After	Left Exterior Girder	112.5	0.95	1	1	6.416645
Type 3_str	BOBJ1	112.5	After	Interior Girder 1	112.5	0.95	1	1	5.733833
Type 3_str	BOBJ1	112.5	After	Interior Girder 2	112.5	0.95	1	1	5.733833
Type 3_str	BOBJ1	112.5	After	Right Exterior Girder	112.5	0.95	1	1	6.416645
Type 3_str	BOBJ1	123.75	Before	Left Exterior Girder	123.75	0.95	1	1	7.736476
Type 3_str	BOBJ1	123.75	Before	Interior Girder 1	123.75	0.95	1	1	6.725376
Type 3_str	BOBJ1	123.75	Before	Interior Girder 2	123.75	0.95	1	1	6.725376
Type 3_str	BOBJ1	123.75	Before	Right Exterior Girder	123.75	0.95	1	1	7.736476
Type 3_str	BOBJ1	123.75	After	Left Exterior Girder	123.75	0.95	1	1	7.741959
Type 3_str	BOBJ1	123.75	After	Interior Girder 1	123.75	0.95	1	1	6.722985
Type 3_str	BOBJ1	123.75	After	Interior Girder 2	123.75	0.95	1	1	6.722986
Type 3_str	BOBJ1	123.75	After	Right Exterior Girder	123.75	0.95	1	1	7.741959
Type 3_str	BOBJ1	126.4381	Before	Left Exterior Girder	126.4381	0.95	1	1	8.136382
Type 3_str	BOBJ1	126.4381	Before	Interior Girder 1	126.4381	0.95	1	1	7.037937
Type 3_str	BOBJ1	126.4381	Before	Interior Girder 2	126.4381	0.95	1	1	7.037937
Type 3_str	BOBJ1	126.4381	Before	Right Exterior Girder	126.4381	0.95	1	1	8.136381
Type 3_str	BOBJ1	126.4381	After	Left Exterior Girder	126.4381	0.95	1	1	4.299742
Type 3_str	BOBJ1	126.4381	After	Interior Girder 1	126.4381	0.95	1	1	3.725094
Type 3_str	BOBJ1	126.4381	After	Interior Girder 2	126.4381	0.95	1	1	3.725094
Type 3_str	BOBJ1	126.4381	After	Right Exterior Girder	126.4381	0.95	1	1	4.299742
Type 3_str	BOBJ1	135	Before	Left Exterior Girder	135	0.95	1	1	5.496536
Type 3_str	BOBJ1	135	Before	Interior Girder 1	135	0.95	1	1	4.712514
Type 3_str	BOBJ1	135	Before	Interior Girder 2	135	0.95	1	1	4.712514
Type 3_str	BOBJ1	135	Before	Right Exterior Girder	135	0.95	1	1	5.496536
Type 3_str	BOBJ1	135	After	Left Exterior Girder	135	0.95	1	1	5.403798
Type 3_str	BOBJ1	135	After	Interior Girder 1	135	0.95	1	1	4.691088
Type 3_str	BOBJ1	135	After	Interior Girder 2	135	0.95	1	1	4.691088
Type 3_str	BOBJ1	135	After	Right Exterior Girder	135	0.95	1	1	5.403798
Type 3_str	BOBJ1	146.25	Before	Left Exterior Girder	146.25	0.95	1	1	7.729657
Type 3_str	BOBJ1	146.25	Before	Interior Girder 1	146.25	0.95	1	1	6.386615
Type 3_str	BOBJ1	146.25	Before	Interior Girder 2	146.25	0.95	1	1	6.386615
Type 3_str	BOBJ1	146.25	Before	Right Exterior Girder	146.25	0.95	1	1	7.729657
Type 3_str	BOBJ1	146.25	After	Left Exterior Girder	146.25	0.95	1	1	7.725692
Type 3_str	BOBJ1	146.25	After	Interior Girder 1	146.25	0.95	1	1	6.392771
Type 3_str	BOBJ1	146.25	After	Interior Girder 2	146.25	0.95	1	1	6.39277
Type 3_str	BOBJ1	146.25	After	Right Exterior Girder	146.25	0.95	1	1	7.725692
Type 3_str	BOBJ1	157.5	Before	Left Exterior Girder	157.5	0.95	1	1	8.479897
Type 3_str	BOBJ1	157.5	Before	Interior Girder 1	157.5	0.95	1	1	8.44451
Type 3_str	BOBJ1	157.5	Before	Interior Girder 2	157.5	0.95	1	1	8.444509
Type 3_str	BOBJ1	157.5	Before	Right Exterior Girder	157.5	0.95	1	1	8.479898
Type 3_str	BOBJ1	157.5	After	Left Exterior Girder	157.5	0.95	1	1	6.024953
Type 3_str	BOBJ1	157.5	After	Interior Girder 1	157.5	0.95	1	1	5.96883
Type 3_str	BOBJ1	157.5	After	Interior Girder 2	157.5	0.95	1	1	5.96883
Type 3_str	BOBJ1	157.5	After	Right Exterior Girder	157.5	0.95	1	1	6.024953

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelNonCompStrgth-Flx - Main Span Girders									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Type 3_str	BOBJ1	168.2522	Before	Left Exterior Girder	168.2522	0.95	1	1	2.941515
Type 3_str	BOBJ1	168.2522	Before	Interior Girder 1	168.2522	0.95	1	1	2.888691
Type 3_str	BOBJ1	168.2522	Before	Interior Girder 2	168.2522	0.95	1	1	2.888691
Type 3_str	BOBJ1	168.2522	Before	Right Exterior Girder	168.2522	0.95	1	1	2.941515
Type 3_str	BOBJ1	168.2522	After	Left Exterior Girder	168.2522	0.95	1	1	9.249602
Type 3_str	BOBJ1	168.2522	After	Interior Girder 1	168.2522	0.95	1	1	8.995523
Type 3_str	BOBJ1	168.2522	After	Interior Girder 2	168.2522	0.95	1	1	8.995522
Type 3_str	BOBJ1	168.2522	After	Right Exterior Girder	168.2522	0.95	1	1	9.249602
Type 3_str	BOBJ1	168.75	Before	Left Exterior Girder	168.75	0.95	1	1	9.08334
Type 3_str	BOBJ1	168.75	Before	Interior Girder 1	168.75	0.95	1	1	8.844315
Type 3_str	BOBJ1	168.75	Before	Interior Girder 2	168.75	0.95	1	1	8.844314
Type 3_str	BOBJ1	168.75	Before	Right Exterior Girder	168.75	0.95	1	1	9.08334
Type 3_str	BOBJ1	168.75	After	Left Exterior Girder	168.75	0.95	1	1	9.102874
Type 3_str	BOBJ1	168.75	After	Interior Girder 1	168.75	0.95	1	1	8.826361
Type 3_str	BOBJ1	168.75	After	Interior Girder 2	168.75	0.95	1	1	8.826361
Type 3_str	BOBJ1	168.75	After	Right Exterior Girder	168.75	0.95	1	1	9.102875
Type 3_str	BOBJ1	180	Before	Left Exterior Girder	180	0.95	1	1	5.577337
Type 3_str	BOBJ1	180	Before	Interior Girder 1	180	0.95	1	1	5.327326
Type 3_str	BOBJ1	180	Before	Interior Girder 2	180	0.95	1	1	5.327326
Type 3_str	BOBJ1	180	Before	Right Exterior Girder	180	0.95	1	1	5.577338
Type 3_str	BOBJ1	180	After	Left Exterior Girder	180	0.95	1	1	7.695815
Type 3_str	BOBJ1	180	After	Interior Girder 1	180	0.95	1	1	7.37097
Type 3_str	BOBJ1	180	After	Interior Girder 2	180	0.95	1	1	7.37097
Type 3_str	BOBJ1	180	After	Right Exterior Girder	180	0.95	1	1	7.695815
Type 3_str	BOBJ1	183.1858	Before	Left Exterior Girder	183.1858	0.95	1	1	6.675505
Type 3_str	BOBJ1	183.1858	Before	Interior Girder 1	183.1858	0.95	1	1	6.3607
Type 3_str	BOBJ1	183.1858	Before	Interior Girder 2	183.1858	0.95	1	1	6.3607
Type 3_str	BOBJ1	183.1858	Before	Right Exterior Girder	183.1858	0.95	1	1	6.675506
Type 3_str	BOBJ1	183.1858	After	Left Exterior Girder	183.1858	0.95	1	1	14.9342
Type 3_str	BOBJ1	183.1858	After	Interior Girder 1	183.1858	0.95	1	1	14.188172
Type 3_str	BOBJ1	183.1858	After	Interior Girder 2	183.1858	0.95	1	1	14.188172
Type 3_str	BOBJ1	183.1858	After	Right Exterior Girder	183.1858	0.95	1	1	14.9342
Type 3_str	BOBJ1	191.25	Before	Left Exterior Girder	191.25	0.95	1	1	12.067079
Type 3_str	BOBJ1	191.25	Before	Interior Girder 1	191.25	0.95	1	1	11.266775
Type 3_str	BOBJ1	191.25	Before	Interior Girder 2	191.25	0.95	1	1	11.266775
Type 3_str	BOBJ1	191.25	Before	Right Exterior Girder	191.25	0.95	1	1	12.067079
Type 3_str	BOBJ1	191.25	After	Left Exterior Girder	191.25	0.95	1	1	12.100212
Type 3_str	BOBJ1	191.25	After	Interior Girder 1	191.25	0.95	1	1	11.242631
Type 3_str	BOBJ1	191.25	After	Interior Girder 2	191.25	0.95	1	1	11.242631
Type 3_str	BOBJ1	191.25	After	Right Exterior Girder	191.25	0.95	1	1	12.100213
Type 3_str	BOBJ1	199.9414	Before	Left Exterior Girder	199.9414	0.95	1	1	8.937249
Type 3_str	BOBJ1	199.9414	Before	Interior Girder 1	199.9414	0.95	1	1	8.219607
Type 3_str	BOBJ1	199.9414	Before	Interior Girder 2	199.9414	0.95	1	1	8.219608
Type 3_str	BOBJ1	199.9414	Before	Right Exterior Girder	199.9414	0.95	1	1	8.937249
Type 3_str	BOBJ1	199.9414	After	Left Exterior Girder	199.9414	0.95	1	1	15.416752
Type 3_str	BOBJ1	199.9414	After	Interior Girder 1	199.9414	0.95	1	1	14.174907
Type 3_str	BOBJ1	199.9414	After	Interior Girder 2	199.9414	0.95	1	1	14.174908
Type 3_str	BOBJ1	199.9414	After	Right Exterior Girder	199.9414	0.95	1	1	15.416752
Type 3_str	BOBJ1	202.5	Before	Left Exterior Girder	202.5	0.95	1	1	14.061617
Type 3_str	BOBJ1	202.5	Before	Interior Girder 1	202.5	0.95	1	1	13.206206
Type 3_str	BOBJ1	202.5	Before	Interior Girder 2	202.5	0.95	1	1	13.206207
Type 3_str	BOBJ1	202.5	Before	Right Exterior Girder	202.5	0.95	1	1	14.061617
Type 3_str	BOBJ1	202.5	After	Left Exterior Girder	202.5	0.95	1	1	14.565803
Type 3_str	BOBJ1	202.5	After	Interior Girder 1	202.5	0.95	1	1	13.351375
Type 3_str	BOBJ1	202.5	After	Interior Girder 2	202.5	0.95	1	1	13.351375
Type 3_str	BOBJ1	202.5	After	Right Exterior Girder	202.5	0.95	1	1	14.565803
Type 3_str	BOBJ1	210.5642	Before	Left Exterior Girder	210.5642	0.95	1	1	10.553843
Type 3_str	BOBJ1	210.5642	Before	Interior Girder 1	210.5642	0.95	1	1	10.037785
Type 3_str	BOBJ1	210.5642	Before	Interior Girder 2	210.5642	0.95	1	1	10.037785
Type 3_str	BOBJ1	210.5642	Before	Right Exterior Girder	210.5642	0.95	1	1	10.553843
Type 3_str	BOBJ1	210.5642	After	Left Exterior Girder	210.5642	0.95	1	1	16.229251
Type 3_str	BOBJ1	210.5642	After	Interior Girder 1	210.5642	0.95	1	1	15.482409
Type 3_str	BOBJ1	210.5642	After	Interior Girder 2	210.5642	0.95	1	1	15.482409
Type 3_str	BOBJ1	210.5642	After	Right Exterior Girder	210.5642	0.95	1	1	16.229251
Type 3_str	BOBJ1	213.75	Before	Left Exterior Girder	213.75	0.95	1	1	14.44425
Type 3_str	BOBJ1	213.75	Before	Interior Girder 1	213.75	0.95	1	1	13.577604
Type 3_str	BOBJ1	213.75	Before	Interior Girder 2	213.75	0.95	1	1	13.577603
Type 3_str	BOBJ1	213.75	Before	Right Exterior Girder	213.75	0.95	1	1	14.44425

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelINonCompStrgth-Flx - Main Span Girders									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Type 3_str	BOBJ1	213.75	After	Left Exterior Girder	213.75	0.95	1	1	14.427668
Type 3_str	BOBJ1	213.75	After	Interior Girder 1	213.75	0.95	1	1	13.55297
Type 3_str	BOBJ1	213.75	After	Interior Girder 2	213.75	0.95	1	1	13.552969
Type 3_str	BOBJ1	213.75	After	Right Exterior Girder	213.75	0.95	1	1	14.427668
Type 3_str	BOBJ1	225	Before	Left Exterior Girder	225	0.95	1	1	8.693263
Type 3_str	BOBJ1	225	Before	Interior Girder 1	225	0.95	1	1	7.798443
Type 3_str	BOBJ1	225	Before	Interior Girder 2	225	0.95	1	1	7.798443
Type 3_str	BOBJ1	225	Before	Right Exterior Girder	225	0.95	1	1	8.693263
Type 3_str	BOBJ1	225	After	Left Exterior Girder	0	0.95	1	1	8.191916
Type 3_str	BOBJ1	225	After	Interior Girder 1	0	0.95	1	1	7.489317
Type 3_str	BOBJ1	225	After	Interior Girder 2	0	0.95	1	1	7.489317
Type 3_str	BOBJ1	225	After	Right Exterior Girder	0	0.95	1	1	8.191916
Type 3_str	BOBJ1	236.45	Before	Left Exterior Girder	11.45	0.95	1	1	14.554085
Type 3_str	BOBJ1	236.45	Before	Interior Girder 1	11.45	0.95	1	1	14.411601
Type 3_str	BOBJ1	236.45	Before	Interior Girder 2	11.45	0.95	1	1	14.411601
Type 3_str	BOBJ1	236.45	Before	Right Exterior Girder	11.45	0.95	1	1	14.554084
Type 3_str	BOBJ1	236.45	After	Left Exterior Girder	11.45	0.95	1	1	14.584625
Type 3_str	BOBJ1	236.45	After	Interior Girder 1	11.45	0.95	1	1	14.418879
Type 3_str	BOBJ1	236.45	After	Interior Girder 2	11.45	0.95	1	1	14.41888
Type 3_str	BOBJ1	236.45	After	Right Exterior Girder	11.45	0.95	1	1	14.584625
Type 3_str	BOBJ1	239.5082	Before	Left Exterior Girder	14.5082	0.95	1	1	16.753845
Type 3_str	BOBJ1	239.5082	Before	Interior Girder 1	14.5082	0.95	1	1	16.663659
Type 3_str	BOBJ1	239.5082	Before	Interior Girder 2	14.5082	0.95	1	1	16.663659
Type 3_str	BOBJ1	239.5082	Before	Right Exterior Girder	14.5082	0.95	1	1	16.753845
Type 3_str	BOBJ1	239.5082	After	Left Exterior Girder	14.5082	0.95	1	1	10.998984
Type 3_str	BOBJ1	239.5082	After	Interior Girder 1	14.5082	0.95	1	1	10.935881
Type 3_str	BOBJ1	239.5082	After	Interior Girder 2	14.5082	0.95	1	1	10.935881
Type 3_str	BOBJ1	239.5082	After	Right Exterior Girder	14.5082	0.95	1	1	10.998984
Type 3_str	BOBJ1	247.9	Before	Left Exterior Girder	22.9	0.95	1	1	16.771761
Type 3_str	BOBJ1	247.9	Before	Interior Girder 1	22.9	0.95	1	1	16.508176
Type 3_str	BOBJ1	247.9	Before	Interior Girder 2	22.9	0.95	1	1	16.508175
Type 3_str	BOBJ1	247.9	Before	Right Exterior Girder	22.9	0.95	1	1	16.77176
Type 3_str	BOBJ1	247.9	After	Left Exterior Girder	22.9	0.95	1	1	16.320807
Type 3_str	BOBJ1	247.9	After	Interior Girder 1	22.9	0.95	1	1	16.492152
Type 3_str	BOBJ1	247.9	After	Interior Girder 2	22.9	0.95	1	1	16.492152
Type 3_str	BOBJ1	247.9	After	Right Exterior Girder	22.9	0.95	1	1	16.320807
Type 3_str	BOBJ1	258.5189	Before	Left Exterior Girder	33.5189	0.95	1	1	23.353215
Type 3_str	BOBJ1	258.5189	Before	Interior Girder 1	33.5189	0.95	1	1	21.760084
Type 3_str	BOBJ1	258.5189	Before	Interior Girder 2	33.5189	0.95	1	1	21.760084
Type 3_str	BOBJ1	258.5189	Before	Right Exterior Girder	33.5189	0.95	1	1	23.353215
Type 3_str	BOBJ1	258.5189	After	Left Exterior Girder	33.5189	0.95	1	1	15.885898
Type 3_str	BOBJ1	258.5189	After	Interior Girder 1	33.5189	0.95	1	1	14.644618
Type 3_str	BOBJ1	258.5189	After	Interior Girder 2	33.5189	0.95	1	1	14.644618
Type 3_str	BOBJ1	258.5189	After	Right Exterior Girder	33.5189	0.95	1	1	15.885898
Type 3_str	BOBJ1	259.3	Before	Left Exterior Girder	34.3	0.95	1	1	16.260909
Type 3_str	BOBJ1	259.3	Before	Interior Girder 1	34.3	0.95	1	1	15.008278
Type 3_str	BOBJ1	259.3	Before	Interior Girder 2	34.3	0.95	1	1	15.008278
Type 3_str	BOBJ1	259.3	Before	Right Exterior Girder	34.3	0.95	1	1	16.260909
Type 3_str	BOBJ1	259.3	After	Left Exterior Girder	34.3	0.95	1	1	16.249494
Type 3_str	BOBJ1	259.3	After	Interior Girder 1	34.3	0.95	1	1	15.018428
Type 3_str	BOBJ1	259.3	After	Interior Girder 2	34.3	0.95	1	1	15.018427
Type 3_str	BOBJ1	259.3	After	Right Exterior Girder	34.3	0.95	1	1	16.249494
Type 3_str	BOBJ1	266.1031	Before	Left Exterior Girder	41.1031	0.95	1	1	19.422506
Type 3_str	BOBJ1	266.1031	Before	Interior Girder 1	41.1031	0.95	1	1	18.244344
Type 3_str	BOBJ1	266.1031	Before	Interior Girder 2	41.1031	0.95	1	1	18.244344
Type 3_str	BOBJ1	266.1031	Before	Right Exterior Girder	41.1031	0.95	1	1	19.422506
Type 3_str	BOBJ1	266.1031	After	Left Exterior Girder	41.1031	0.95	1	1	10.057934
Type 3_str	BOBJ1	266.1031	After	Interior Girder 1	41.1031	0.95	1	1	9.457887
Type 3_str	BOBJ1	266.1031	After	Interior Girder 2	41.1031	0.95	1	1	9.457887
Type 3_str	BOBJ1	266.1031	After	Right Exterior Girder	41.1031	0.95	1	1	10.057934
Type 3_str	BOBJ1	270.7	Before	Left Exterior Girder	45.7	0.95	1	1	12.055101
Type 3_str	BOBJ1	270.7	Before	Interior Girder 1	45.7	0.95	1	1	11.456467
Type 3_str	BOBJ1	270.7	Before	Interior Girder 2	45.7	0.95	1	1	11.456466
Type 3_str	BOBJ1	270.7	Before	Right Exterior Girder	45.7	0.95	1	1	12.055101
Type 3_str	BOBJ1	270.7	After	Left Exterior Girder	45.7	0.95	1	1	14.134593
Type 3_str	BOBJ1	270.7	After	Interior Girder 1	45.7	0.95	1	1	13.428002
Type 3_str	BOBJ1	270.7	After	Interior Girder 2	45.7	0.95	1	1	13.428001
Type 3_str	BOBJ1	270.7	After	Right Exterior Girder	45.7	0.95	1	1	14.134593

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelINonCompStrgth-Flx - Main Span Girders									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Type 3_str	BOBJ1	273.6874	Before	Left Exterior Girder	48.6874	0.95	1	1	15.484939
Type 3_str	BOBJ1	273.6874	Before	Interior Girder 1	48.6874	0.95	1	1	14.770605
Type 3_str	BOBJ1	273.6874	Before	Interior Girder 2	48.6874	0.95	1	1	14.770605
Type 3_str	BOBJ1	273.6874	Before	Right Exterior Girder	48.6874	0.95	1	1	15.484939
Type 3_str	BOBJ1	273.6874	After	Left Exterior Girder	48.6874	0.95	1	1	6.665652
Type 3_str	BOBJ1	273.6874	After	Interior Girder 1	48.6874	0.95	1	1	6.403337
Type 3_str	BOBJ1	273.6874	After	Interior Girder 2	48.6874	0.95	1	1	6.403337
Type 3_str	BOBJ1	273.6874	After	Right Exterior Girder	48.6874	0.95	1	1	6.665652
Type 3_str	BOBJ1	282.15	Before	Left Exterior Girder	57.15	0.95	1	1	10.215591
Type 3_str	BOBJ1	282.15	Before	Interior Girder 1	57.15	0.95	1	1	9.892864
Type 3_str	BOBJ1	282.15	Before	Interior Girder 2	57.15	0.95	1	1	9.892864
Type 3_str	BOBJ1	282.15	Before	Right Exterior Girder	57.15	0.95	1	1	10.215591
Type 3_str	BOBJ1	282.15	After	Left Exterior Girder	57.15	0.95	1	1	10.201006
Type 3_str	BOBJ1	282.15	After	Interior Girder 1	57.15	0.95	1	1	9.921583
Type 3_str	BOBJ1	282.15	After	Interior Girder 2	57.15	0.95	1	1	9.921583
Type 3_str	BOBJ1	282.15	After	Right Exterior Girder	57.15	0.95	1	1	10.201006
Type 3_str	BOBJ1	293.6	Before	Left Exterior Girder	68.6	0.95	1	1	7.562426
Type 3_str	BOBJ1	293.6	Before	Interior Girder 1	68.6	0.95	1	1	5.978885
Type 3_str	BOBJ1	293.6	Before	Interior Girder 2	68.6	0.95	1	1	5.978885
Type 3_str	BOBJ1	293.6	Before	Right Exterior Girder	68.6	0.95	1	1	7.562426
Type 3_str	BOBJ1	293.6	After	Left Exterior Girder	68.6	0.95	1	1	7.806803
Type 3_str	BOBJ1	293.6	After	Interior Girder 1	68.6	0.95	1	1	6.086428
Type 3_str	BOBJ1	293.6	After	Interior Girder 2	68.6	0.95	1	1	6.086428
Type 3_str	BOBJ1	293.6	After	Right Exterior Girder	68.6	0.95	1	1	7.806803
Type 3_str	BOBJ1	305	Before	Left Exterior Girder	80	0.95	1	1	4.247636
Type 3_str	BOBJ1	305	Before	Interior Girder 1	80	0.95	1	1	3.393075
Type 3_str	BOBJ1	305	Before	Interior Girder 2	80	0.95	1	1	3.393075
Type 3_str	BOBJ1	305	Before	Right Exterior Girder	80	0.95	1	1	4.247636
Type 3_str	BOBJ1	305	After	Left Exterior Girder	80	0.95	1	1	4.244957
Type 3_str	BOBJ1	305	After	Interior Girder 1	80	0.95	1	1	3.391356
Type 3_str	BOBJ1	305	After	Interior Girder 2	80	0.95	1	1	3.391356
Type 3_str	BOBJ1	305	After	Right Exterior Girder	80	0.95	1	1	4.244957
Type 3_str	BOBJ1	306.9561	Before	Left Exterior Girder	81.9561	0.95	1	1	3.76627
Type 3_str	BOBJ1	306.9561	Before	Interior Girder 1	81.9561	0.95	1	1	3.040228
Type 3_str	BOBJ1	306.9561	Before	Interior Girder 2	81.9561	0.95	1	1	3.040228
Type 3_str	BOBJ1	306.9561	Before	Right Exterior Girder	81.9561	0.95	1	1	3.76627
Type 3_str	BOBJ1	306.9561	After	Left Exterior Girder	81.9561	0.95	1	1	9.850602
Type 3_str	BOBJ1	306.9561	After	Interior Girder 1	81.9561	0.95	1	1	8.048711
Type 3_str	BOBJ1	306.9561	After	Interior Girder 2	81.9561	0.95	1	1	8.048711
Type 3_str	BOBJ1	306.9561	After	Right Exterior Girder	81.9561	0.95	1	1	9.850602
Type 3_str	BOBJ1	316.4	Before	Left Exterior Girder	91.4	0.95	1	1	7.248186
Type 3_str	BOBJ1	316.4	Before	Interior Girder 1	91.4	0.95	1	1	6.151493
Type 3_str	BOBJ1	316.4	Before	Interior Girder 2	91.4	0.95	1	1	6.151493
Type 3_str	BOBJ1	316.4	Before	Right Exterior Girder	91.4	0.95	1	1	7.248186
Type 3_str	BOBJ1	316.4	After	Left Exterior Girder	91.4	0.95	1	1	7.335453
Type 3_str	BOBJ1	316.4	After	Interior Girder 1	91.4	0.95	1	1	6.14549
Type 3_str	BOBJ1	316.4	After	Interior Girder 2	91.4	0.95	1	1	6.145491
Type 3_str	BOBJ1	316.4	After	Right Exterior Girder	91.4	0.95	1	1	7.335452
Type 3_str	BOBJ1	327.85	Before	Left Exterior Girder	102.9679	0.95	1	1	5.269061
Type 3_str	BOBJ1	327.85	Before	Interior Girder 1	102.9679	0.95	1	1	4.438377
Type 3_str	BOBJ1	327.85	Before	Interior Girder 2	102.9679	0.95	1	1	4.438377
Type 3_str	BOBJ1	327.85	Before	Right Exterior Girder	102.9679	0.95	1	1	5.269061
Type 3_str	BOBJ1	327.85	After	Left Exterior Girder	102.9679	0.95	1	1	10.168933
Type 3_str	BOBJ1	327.85	After	Interior Girder 1	102.9679	0.95	1	1	8.724079
Type 3_str	BOBJ1	327.85	After	Interior Girder 2	102.9679	0.95	1	1	8.72408
Type 3_str	BOBJ1	327.85	After	Right Exterior Girder	102.9679	0.95	1	1	10.168932
Type 3_str	BOBJ1	339.3	Before	Left Exterior Girder	114.3	0.95	1	1	8.285253
Type 3_str	BOBJ1	339.3	Before	Interior Girder 1	114.3	0.95	1	1	7.298265
Type 3_str	BOBJ1	339.3	Before	Interior Girder 2	114.3	0.95	1	1	7.298266
Type 3_str	BOBJ1	339.3	Before	Right Exterior Girder	114.3	0.95	1	1	8.285253
Type 3_str	BOBJ1	339.3	After	Left Exterior Girder	114.3	0.95	1	1	8.333218
Type 3_str	BOBJ1	339.3	After	Interior Girder 1	114.3	0.95	1	1	7.307451
Type 3_str	BOBJ1	339.3	After	Interior Girder 2	114.3	0.95	1	1	7.307452
Type 3_str	BOBJ1	339.3	After	Right Exterior Girder	114.3	0.95	1	1	8.333218
Type 3_str	BOBJ1	350.7	Before	Left Exterior Girder	125.7	0.95	1	1	7.157066
Type 3_str	BOBJ1	350.7	Before	Interior Girder 1	125.7	0.95	1	1	6.254225
Type 3_str	BOBJ1	350.7	Before	Interior Girder 2	125.7	0.95	1	1	6.254225
Type 3_str	BOBJ1	350.7	Before	Right Exterior Girder	125.7	0.95	1	1	7.157067

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelINonCompStrgth-Flx - Main Span Girders									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Type 3_str	BOBJ1	350.7	After	Left Exterior Girder	125.7	0.95	1	1	7.148858
Type 3_str	BOBJ1	350.7	After	Interior Girder 1	125.7	0.95	1	1	6.263372
Type 3_str	BOBJ1	350.7	After	Interior Girder 2	125.7	0.95	1	1	6.263372
Type 3_str	BOBJ1	350.7	After	Right Exterior Girder	125.7	0.95	1	1	7.148858
Type 3_str	BOBJ1	362.1	Before	Left Exterior Girder	137.1	0.95	1	1	6.338395
Type 3_str	BOBJ1	362.1	Before	Interior Girder 1	137.1	0.95	1	1	5.649626
Type 3_str	BOBJ1	362.1	Before	Interior Girder 2	137.1	0.95	1	1	5.649626
Type 3_str	BOBJ1	362.1	Before	Right Exterior Girder	137.1	0.95	1	1	6.338395
Type 3_str	BOBJ1	362.1	After	Left Exterior Girder	137.1	0.95	1	1	6.362706
Type 3_str	BOBJ1	362.1	After	Interior Girder 1	137.1	0.95	1	1	5.662478
Type 3_str	BOBJ1	362.1	After	Interior Girder 2	137.1	0.95	1	1	5.662478
Type 3_str	BOBJ1	362.1	After	Right Exterior Girder	137.1	0.95	1	1	6.362706
Type 3_str	BOBJ1	373.55	Before	Left Exterior Girder	148.55	0.95	1	1	5.95729
Type 3_str	BOBJ1	373.55	Before	Interior Girder 1	148.55	0.95	1	1	5.263458
Type 3_str	BOBJ1	373.55	Before	Interior Girder 2	148.55	0.95	1	1	5.263458
Type 3_str	BOBJ1	373.55	Before	Right Exterior Girder	148.55	0.95	1	1	5.95729
Type 3_str	BOBJ1	373.55	After	Left Exterior Girder	148.55	0.95	1	1	5.951337
Type 3_str	BOBJ1	373.55	After	Interior Girder 1	148.55	0.95	1	1	5.268927
Type 3_str	BOBJ1	373.55	After	Interior Girder 2	148.55	0.95	1	1	5.268927
Type 3_str	BOBJ1	373.55	After	Right Exterior Girder	148.55	0.95	1	1	5.951337
Type 3_str	BOBJ1	385	Before	Left Exterior Girder	160	0.95	1	1	5.789607
Type 3_str	BOBJ1	385	Before	Interior Girder 1	160	0.95	1	1	5.177236
Type 3_str	BOBJ1	385	Before	Interior Girder 2	160	0.95	1	1	5.177236
Type 3_str	BOBJ1	385	Before	Right Exterior Girder	160	0.95	1	1	5.789607
Type 3_str	BOBJ1	385	After	Left Exterior Girder	160	0.95	1	1	5.789607
Type 3_str	BOBJ1	385	After	Interior Girder 1	160	0.95	1	1	5.177236
Type 3_str	BOBJ1	385	After	Interior Girder 2	160	0.95	1	1	5.177236
Type 3_str	BOBJ1	385	After	Right Exterior Girder	160	0.95	1	1	5.789607
Type 3_str	BOBJ1	396.45	Before	Left Exterior Girder	171.45	0.95	1	1	5.951337
Type 3_str	BOBJ1	396.45	Before	Interior Girder 1	171.45	0.95	1	1	5.268927
Type 3_str	BOBJ1	396.45	Before	Interior Girder 2	171.45	0.95	1	1	5.268927
Type 3_str	BOBJ1	396.45	Before	Right Exterior Girder	171.45	0.95	1	1	5.951337
Type 3_str	BOBJ1	396.45	After	Left Exterior Girder	171.45	0.95	1	1	5.95729
Type 3_str	BOBJ1	396.45	After	Interior Girder 1	171.45	0.95	1	1	5.263458
Type 3_str	BOBJ1	396.45	After	Interior Girder 2	171.45	0.95	1	1	5.263458
Type 3_str	BOBJ1	396.45	After	Right Exterior Girder	171.45	0.95	1	1	5.957291
Type 3_str	BOBJ1	407.9	Before	Left Exterior Girder	182.9	0.95	1	1	6.362706
Type 3_str	BOBJ1	407.9	Before	Interior Girder 1	182.9	0.95	1	1	5.662478
Type 3_str	BOBJ1	407.9	Before	Interior Girder 2	182.9	0.95	1	1	5.662478
Type 3_str	BOBJ1	407.9	Before	Right Exterior Girder	182.9	0.95	1	1	6.362706
Type 3_str	BOBJ1	407.9	After	Left Exterior Girder	182.9	0.95	1	1	6.338395
Type 3_str	BOBJ1	407.9	After	Interior Girder 1	182.9	0.95	1	1	5.649626
Type 3_str	BOBJ1	407.9	After	Interior Girder 2	182.9	0.95	1	1	5.649626
Type 3_str	BOBJ1	407.9	After	Right Exterior Girder	182.9	0.95	1	1	6.338395
Type 3_str	BOBJ1	419.3	Before	Left Exterior Girder	194.3	0.95	1	1	7.148858
Type 3_str	BOBJ1	419.3	Before	Interior Girder 1	194.3	0.95	1	1	6.263372
Type 3_str	BOBJ1	419.3	Before	Interior Girder 2	194.3	0.95	1	1	6.263372
Type 3_str	BOBJ1	419.3	Before	Right Exterior Girder	194.3	0.95	1	1	7.148858
Type 3_str	BOBJ1	419.3	After	Left Exterior Girder	194.3	0.95	1	1	7.157067
Type 3_str	BOBJ1	419.3	After	Interior Girder 1	194.3	0.95	1	1	6.254225
Type 3_str	BOBJ1	419.3	After	Interior Girder 2	194.3	0.95	1	1	6.254225
Type 3_str	BOBJ1	419.3	After	Right Exterior Girder	194.3	0.95	1	1	7.157066
Type 3_str	BOBJ1	430.7	Before	Left Exterior Girder	205.7	0.95	1	1	8.333218
Type 3_str	BOBJ1	430.7	Before	Interior Girder 1	205.7	0.95	1	1	7.307451
Type 3_str	BOBJ1	430.7	Before	Interior Girder 2	205.7	0.95	1	1	7.307451
Type 3_str	BOBJ1	430.7	Before	Right Exterior Girder	205.7	0.95	1	1	8.333218
Type 3_str	BOBJ1	430.7	After	Left Exterior Girder	205.7	0.95	1	1	8.285253
Type 3_str	BOBJ1	430.7	After	Interior Girder 1	205.7	0.95	1	1	7.298265
Type 3_str	BOBJ1	430.7	After	Interior Girder 2	205.7	0.95	1	1	7.298265
Type 3_str	BOBJ1	430.7	After	Right Exterior Girder	205.7	0.95	1	1	8.285253
Type 3_str	BOBJ1	442.15	Before	Left Exterior Girder	217.0321	0.95	1	1	10.152258
Type 3_str	BOBJ1	442.15	Before	Interior Girder 1	217.0321	0.95	1	1	8.724458
Type 3_str	BOBJ1	442.15	Before	Interior Girder 2	217.0321	0.95	1	1	8.724458
Type 3_str	BOBJ1	442.15	Before	Right Exterior Girder	217.0321	0.95	1	1	10.152258
Type 3_str	BOBJ1	442.15	After	Left Exterior Girder	217.0321	0.95	1	1	5.261727
Type 3_str	BOBJ1	442.15	After	Interior Girder 1	217.0321	0.95	1	1	4.436986
Type 3_str	BOBJ1	442.15	After	Interior Girder 2	217.0321	0.95	1	1	4.436986
Type 3_str	BOBJ1	442.15	After	Right Exterior Girder	217.0321	0.95	1	1	5.261727

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelINonCompStrgth-Flx - Main Span Girders									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Type 3_str	BOBJ1	453.6	Before	Left Exterior Girder	228.6	0.95	1	1	7.335453
Type 3_str	BOBJ1	453.6	Before	Interior Girder 1	228.6	0.95	1	1	6.14549
Type 3_str	BOBJ1	453.6	Before	Interior Girder 2	228.6	0.95	1	1	6.14549
Type 3_str	BOBJ1	453.6	Before	Right Exterior Girder	228.6	0.95	1	1	7.335452
Type 3_str	BOBJ1	453.6	After	Left Exterior Girder	228.6	0.95	1	1	7.248185
Type 3_str	BOBJ1	453.6	After	Interior Girder 1	228.6	0.95	1	1	6.151493
Type 3_str	BOBJ1	453.6	After	Interior Girder 2	228.6	0.95	1	1	6.151493
Type 3_str	BOBJ1	453.6	After	Right Exterior Girder	228.6	0.95	1	1	7.248185
Type 3_str	BOBJ1	463.0439	Before	Left Exterior Girder	238.0439	0.95	1	1	9.821796
Type 3_str	BOBJ1	463.0439	Before	Interior Girder 1	238.0439	0.95	1	1	8.048672
Type 3_str	BOBJ1	463.0439	Before	Interior Girder 2	238.0439	0.95	1	1	8.048673
Type 3_str	BOBJ1	463.0439	Before	Right Exterior Girder	238.0439	0.95	1	1	9.821796
Type 3_str	BOBJ1	463.0439	After	Left Exterior Girder	238.0439	0.95	1	1	3.756498
Type 3_str	BOBJ1	463.0439	After	Interior Girder 1	238.0439	0.95	1	1	3.038936
Type 3_str	BOBJ1	463.0439	After	Interior Girder 2	238.0439	0.95	1	1	3.038936
Type 3_str	BOBJ1	463.0439	After	Right Exterior Girder	238.0439	0.95	1	1	3.756498
Type 3_str	BOBJ1	465	Before	Left Exterior Girder	240	0.95	1	1	4.244957
Type 3_str	BOBJ1	465	Before	Interior Girder 1	240	0.95	1	1	3.391356
Type 3_str	BOBJ1	465	Before	Interior Girder 2	240	0.95	1	1	3.391356
Type 3_str	BOBJ1	465	Before	Right Exterior Girder	240	0.95	1	1	4.244956
Type 3_str	BOBJ1	465	After	Left Exterior Girder	240	0.95	1	1	4.247636
Type 3_str	BOBJ1	465	After	Interior Girder 1	240	0.95	1	1	3.393075
Type 3_str	BOBJ1	465	After	Interior Girder 2	240	0.95	1	1	3.393075
Type 3_str	BOBJ1	465	After	Right Exterior Girder	240	0.95	1	1	4.247635
Type 3_str	BOBJ1	476.4	Before	Left Exterior Girder	251.4	0.95	1	1	7.806803
Type 3_str	BOBJ1	476.4	Before	Interior Girder 1	251.4	0.95	1	1	6.086428
Type 3_str	BOBJ1	476.4	Before	Interior Girder 2	251.4	0.95	1	1	6.086428
Type 3_str	BOBJ1	476.4	Before	Right Exterior Girder	251.4	0.95	1	1	7.806802
Type 3_str	BOBJ1	476.4	After	Left Exterior Girder	251.4	0.95	1	1	7.562425
Type 3_str	BOBJ1	476.4	After	Interior Girder 1	251.4	0.95	1	1	5.978885
Type 3_str	BOBJ1	476.4	After	Interior Girder 2	251.4	0.95	1	1	5.978886
Type 3_str	BOBJ1	476.4	After	Right Exterior Girder	251.4	0.95	1	1	7.562425
Type 3_str	BOBJ1	487.85	Before	Left Exterior Girder	262.85	0.95	1	1	10.201006
Type 3_str	BOBJ1	487.85	Before	Interior Girder 1	262.85	0.95	1	1	9.921583
Type 3_str	BOBJ1	487.85	Before	Interior Girder 2	262.85	0.95	1	1	9.921584
Type 3_str	BOBJ1	487.85	Before	Right Exterior Girder	262.85	0.95	1	1	10.201006
Type 3_str	BOBJ1	487.85	After	Left Exterior Girder	262.85	0.95	1	1	10.21559
Type 3_str	BOBJ1	487.85	After	Interior Girder 1	262.85	0.95	1	1	9.892864
Type 3_str	BOBJ1	487.85	After	Interior Girder 2	262.85	0.95	1	1	9.892865
Type 3_str	BOBJ1	487.85	After	Right Exterior Girder	262.85	0.95	1	1	10.21559
Type 3_str	BOBJ1	496.3126	Before	Left Exterior Girder	271.3126	0.95	1	1	6.667526
Type 3_str	BOBJ1	496.3126	Before	Interior Girder 1	271.3126	0.95	1	1	6.409424
Type 3_str	BOBJ1	496.3126	Before	Interior Girder 2	271.3126	0.95	1	1	6.409424
Type 3_str	BOBJ1	496.3126	Before	Right Exterior Girder	271.3126	0.95	1	1	6.667526
Type 3_str	BOBJ1	496.3126	After	Left Exterior Girder	271.3126	0.95	1	1	15.490679
Type 3_str	BOBJ1	496.3126	After	Interior Girder 1	271.3126	0.95	1	1	14.782742
Type 3_str	BOBJ1	496.3126	After	Interior Girder 2	271.3126	0.95	1	1	14.782742
Type 3_str	BOBJ1	496.3126	After	Right Exterior Girder	271.3126	0.95	1	1	15.490679
Type 3_str	BOBJ1	499.3	Before	Left Exterior Girder	274.3	0.95	1	1	14.134593
Type 3_str	BOBJ1	499.3	Before	Interior Girder 1	274.3	0.95	1	1	13.428002
Type 3_str	BOBJ1	499.3	Before	Interior Girder 2	274.3	0.95	1	1	13.428002
Type 3_str	BOBJ1	499.3	Before	Right Exterior Girder	274.3	0.95	1	1	14.134593
Type 3_str	BOBJ1	499.3	After	Left Exterior Girder	274.3	0.95	1	1	12.055101
Type 3_str	BOBJ1	499.3	After	Interior Girder 1	274.3	0.95	1	1	11.456466
Type 3_str	BOBJ1	499.3	After	Interior Girder 2	274.3	0.95	1	1	11.456466
Type 3_str	BOBJ1	499.3	After	Right Exterior Girder	274.3	0.95	1	1	12.055101
Type 3_str	BOBJ1	503.8969	Before	Left Exterior Girder	278.8969	0.95	1	1	10.057933
Type 3_str	BOBJ1	503.8969	Before	Interior Girder 1	278.8969	0.95	1	1	9.457887
Type 3_str	BOBJ1	503.8969	Before	Interior Girder 2	278.8969	0.95	1	1	9.457886
Type 3_str	BOBJ1	503.8969	Before	Right Exterior Girder	278.8969	0.95	1	1	10.057933
Type 3_str	BOBJ1	503.8969	After	Left Exterior Girder	278.8969	0.95	1	1	19.422505
Type 3_str	BOBJ1	503.8969	After	Interior Girder 1	278.8969	0.95	1	1	18.244344
Type 3_str	BOBJ1	503.8969	After	Interior Girder 2	278.8969	0.95	1	1	18.244344
Type 3_str	BOBJ1	503.8969	After	Right Exterior Girder	278.8969	0.95	1	1	19.422505
Type 3_str	BOBJ1	510.7	Before	Left Exterior Girder	285.7	0.95	1	1	16.249494
Type 3_str	BOBJ1	510.7	Before	Interior Girder 1	285.7	0.95	1	1	15.018427
Type 3_str	BOBJ1	510.7	Before	Interior Girder 2	285.7	0.95	1	1	15.018427
Type 3_str	BOBJ1	510.7	Before	Right Exterior Girder	285.7	0.95	1	1	16.249494

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelINonCompStrgth-Flx - Main Span Girders									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Type 3_str	BOBJ1	510.7	After	Left Exterior Girder	285.7	0.95	1	1	16.260909
Type 3_str	BOBJ1	510.7	After	Interior Girder 1	285.7	0.95	1	1	15.008278
Type 3_str	BOBJ1	510.7	After	Interior Girder 2	285.7	0.95	1	1	15.008277
Type 3_str	BOBJ1	510.7	After	Right Exterior Girder	285.7	0.95	1	1	16.260909
Type 3_str	BOBJ1	511.4811	Before	Left Exterior Girder	286.4811	0.95	1	1	15.888392
Type 3_str	BOBJ1	511.4811	Before	Interior Girder 1	286.4811	0.95	1	1	14.652866
Type 3_str	BOBJ1	511.4811	Before	Interior Girder 2	286.4811	0.95	1	1	14.652865
Type 3_str	BOBJ1	511.4811	Before	Right Exterior Girder	286.4811	0.95	1	1	15.888392
Type 3_str	BOBJ1	511.4811	After	Left Exterior Girder	286.4811	0.95	1	1	23.415341
Type 3_str	BOBJ1	511.4811	After	Interior Girder 1	286.4811	0.95	1	1	21.770136
Type 3_str	BOBJ1	511.4811	After	Interior Girder 2	286.4811	0.95	1	1	21.770136
Type 3_str	BOBJ1	511.4811	After	Right Exterior Girder	286.4811	0.95	1	1	23.415342
Type 3_str	BOBJ1	522.1	Before	Left Exterior Girder	297.1	0.95	1	1	16.320807
Type 3_str	BOBJ1	522.1	Before	Interior Girder 1	297.1	0.95	1	1	16.492152
Type 3_str	BOBJ1	522.1	Before	Interior Girder 2	297.1	0.95	1	1	16.492152
Type 3_str	BOBJ1	522.1	Before	Right Exterior Girder	297.1	0.95	1	1	16.320807
Type 3_str	BOBJ1	522.1	After	Left Exterior Girder	297.1	0.95	1	1	16.771761
Type 3_str	BOBJ1	522.1	After	Interior Girder 1	297.1	0.95	1	1	16.508175
Type 3_str	BOBJ1	522.1	After	Interior Girder 2	297.1	0.95	1	1	16.508174
Type 3_str	BOBJ1	522.1	After	Right Exterior Girder	297.1	0.95	1	1	16.771761
Type 3_str	BOBJ1	530.4918	Before	Left Exterior Girder	305.4918	0.95	1	1	10.998985
Type 3_str	BOBJ1	530.4918	Before	Interior Girder 1	305.4918	0.95	1	1	10.93588
Type 3_str	BOBJ1	530.4918	Before	Interior Girder 2	305.4918	0.95	1	1	10.935881
Type 3_str	BOBJ1	530.4918	Before	Right Exterior Girder	305.4918	0.95	1	1	10.998984
Type 3_str	BOBJ1	530.4918	After	Left Exterior Girder	305.4918	0.95	1	1	16.753846
Type 3_str	BOBJ1	530.4918	After	Interior Girder 1	305.4918	0.95	1	1	16.663657
Type 3_str	BOBJ1	530.4918	After	Interior Girder 2	305.4918	0.95	1	1	16.663659
Type 3_str	BOBJ1	530.4918	After	Right Exterior Girder	305.4918	0.95	1	1	16.753846
Type 3_str	BOBJ1	533.55	Before	Left Exterior Girder	308.55	0.95	1	1	14.584626
Type 3_str	BOBJ1	533.55	Before	Interior Girder 1	308.55	0.95	1	1	14.418878
Type 3_str	BOBJ1	533.55	Before	Interior Girder 2	308.55	0.95	1	1	14.41888
Type 3_str	BOBJ1	533.55	Before	Right Exterior Girder	308.55	0.95	1	1	14.584625
Type 3_str	BOBJ1	533.55	After	Left Exterior Girder	308.55	0.95	1	1	14.554086
Type 3_str	BOBJ1	533.55	After	Interior Girder 1	308.55	0.95	1	1	14.4116
Type 3_str	BOBJ1	533.55	After	Interior Girder 2	308.55	0.95	1	1	14.411601
Type 3_str	BOBJ1	533.55	After	Right Exterior Girder	308.55	0.95	1	1	14.554085
Type 3_str	BOBJ1	545	Before	Left Exterior Girder	320	0.95	1	1	8.191917
Type 3_str	BOBJ1	545	Before	Interior Girder 1	320	0.95	1	1	7.489317
Type 3_str	BOBJ1	545	Before	Interior Girder 2	320	0.95	1	1	7.489318
Type 3_str	BOBJ1	545	Before	Right Exterior Girder	320	0.95	1	1	8.191916
Type 3_str	BOBJ1	545	After	Left Exterior Girder	0	0.95	1	1	8.693263
Type 3_str	BOBJ1	545	After	Interior Girder 1	0	0.95	1	1	7.801985
Type 3_str	BOBJ1	545	After	Interior Girder 2	0	0.95	1	1	7.801985
Type 3_str	BOBJ1	545	After	Right Exterior Girder	0	0.95	1	1	8.693263
Type 3_str	BOBJ1	556.25	Before	Left Exterior Girder	11.25	0.95	1	1	14.427668
Type 3_str	BOBJ1	556.25	Before	Interior Girder 1	11.25	0.95	1	1	13.552932
Type 3_str	BOBJ1	556.25	Before	Interior Girder 2	11.25	0.95	1	1	13.552932
Type 3_str	BOBJ1	556.25	Before	Right Exterior Girder	11.25	0.95	1	1	14.427668
Type 3_str	BOBJ1	556.25	After	Left Exterior Girder	11.25	0.95	1	1	14.44425
Type 3_str	BOBJ1	556.25	After	Interior Girder 1	11.25	0.95	1	1	13.577604
Type 3_str	BOBJ1	556.25	After	Interior Girder 2	11.25	0.95	1	1	13.577604
Type 3_str	BOBJ1	556.25	After	Right Exterior Girder	11.25	0.95	1	1	14.44425
Type 3_str	BOBJ1	559.4358	Before	Left Exterior Girder	14.4358	0.95	1	1	16.229251
Type 3_str	BOBJ1	559.4358	Before	Interior Girder 1	14.4358	0.95	1	1	15.48241
Type 3_str	BOBJ1	559.4358	Before	Interior Girder 2	14.4358	0.95	1	1	15.48241
Type 3_str	BOBJ1	559.4358	Before	Right Exterior Girder	14.4358	0.95	1	1	16.229251
Type 3_str	BOBJ1	559.4358	After	Left Exterior Girder	14.4358	0.95	1	1	10.553843
Type 3_str	BOBJ1	559.4358	After	Interior Girder 1	14.4358	0.95	1	1	10.037786
Type 3_str	BOBJ1	559.4358	After	Interior Girder 2	14.4358	0.95	1	1	10.037785
Type 3_str	BOBJ1	559.4358	After	Right Exterior Girder	14.4358	0.95	1	1	10.553842
Type 3_str	BOBJ1	567.5	Before	Left Exterior Girder	22.5	0.95	1	1	14.565804
Type 3_str	BOBJ1	567.5	Before	Interior Girder 1	22.5	0.95	1	1	13.351376
Type 3_str	BOBJ1	567.5	Before	Interior Girder 2	22.5	0.95	1	1	13.351376
Type 3_str	BOBJ1	567.5	Before	Right Exterior Girder	22.5	0.95	1	1	14.565804
Type 3_str	BOBJ1	567.5	After	Left Exterior Girder	22.5	0.95	1	1	15.406858
Type 3_str	BOBJ1	567.5	After	Interior Girder 1	22.5	0.95	1	1	14.340616
Type 3_str	BOBJ1	567.5	After	Interior Girder 2	22.5	0.95	1	1	14.340616
Type 3_str	BOBJ1	567.5	After	Right Exterior Girder	22.5	0.95	1	1	15.406857

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelINonCompStrgth-Flx - Main Span Girders									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Type 3_str	BOBJ1	570.0586	Before	Left Exterior Girder	25.0586	0.95	1	1	16.828213
Type 3_str	BOBJ1	570.0586	Before	Interior Girder 1	25.0586	0.95	1	1	15.319751
Type 3_str	BOBJ1	570.0586	Before	Interior Girder 2	25.0586	0.95	1	1	15.319751
Type 3_str	BOBJ1	570.0586	Before	Right Exterior Girder	25.0586	0.95	1	1	16.828213
Type 3_str	BOBJ1	570.0586	After	Left Exterior Girder	25.0586	0.95	1	1	10.025396
Type 3_str	BOBJ1	570.0586	After	Interior Girder 1	25.0586	0.95	1	1	9.10535
Type 3_str	BOBJ1	570.0586	After	Interior Girder 2	25.0586	0.95	1	1	9.10535
Type 3_str	BOBJ1	570.0586	After	Right Exterior Girder	25.0586	0.95	1	1	10.025396
Type 3_str	BOBJ1	578.75	Before	Left Exterior Girder	33.75	0.95	1	1	13.236009
Type 3_str	BOBJ1	578.75	Before	Interior Girder 1	33.75	0.95	1	1	12.18644
Type 3_str	BOBJ1	578.75	Before	Interior Girder 2	33.75	0.95	1	1	12.18644
Type 3_str	BOBJ1	578.75	Before	Right Exterior Girder	33.75	0.95	1	1	13.236008
Type 3_str	BOBJ1	578.75	After	Left Exterior Girder	33.75	0.95	1	1	13.203643
Type 3_str	BOBJ1	578.75	After	Interior Girder 1	33.75	0.95	1	1	12.209323
Type 3_str	BOBJ1	578.75	After	Interior Girder 2	33.75	0.95	1	1	12.209323
Type 3_str	BOBJ1	578.75	After	Right Exterior Girder	33.75	0.95	1	1	13.203643
Type 3_str	BOBJ1	586.8142	Before	Left Exterior Girder	41.8142	0.95	1	1	16.126098
Type 3_str	BOBJ1	586.8142	Before	Interior Girder 1	41.8142	0.95	1	1	15.172897
Type 3_str	BOBJ1	586.8142	Before	Interior Girder 2	41.8142	0.95	1	1	15.172897
Type 3_str	BOBJ1	586.8142	Before	Right Exterior Girder	41.8142	0.95	1	1	16.126098
Type 3_str	BOBJ1	586.8142	After	Left Exterior Girder	41.8142	0.95	1	1	7.457702
Type 3_str	BOBJ1	586.8142	After	Interior Girder 1	41.8142	0.95	1	1	7.008036
Type 3_str	BOBJ1	586.8142	After	Interior Girder 2	41.8142	0.95	1	1	7.008036
Type 3_str	BOBJ1	586.8142	After	Right Exterior Girder	41.8142	0.95	1	1	7.457702
Type 3_str	BOBJ1	590	Before	Left Exterior Girder	45	0.95	1	1	8.48323
Type 3_str	BOBJ1	590	Before	Interior Girder 1	45	0.95	1	1	8.039688
Type 3_str	BOBJ1	590	Before	Interior Girder 2	45	0.95	1	1	8.039688
Type 3_str	BOBJ1	590	Before	Right Exterior Girder	45	0.95	1	1	8.48323
Type 3_str	BOBJ1	590	After	Left Exterior Girder	45	0.95	1	1	5.577337
Type 3_str	BOBJ1	590	After	Interior Girder 1	45	0.95	1	1	5.327326
Type 3_str	BOBJ1	590	After	Interior Girder 2	45	0.95	1	1	5.327326
Type 3_str	BOBJ1	590	After	Right Exterior Girder	45	0.95	1	1	5.577337
Type 3_str	BOBJ1	601.25	Before	Left Exterior Girder	56.25	0.95	1	1	9.102874
Type 3_str	BOBJ1	601.25	Before	Interior Girder 1	56.25	0.95	1	1	8.826361
Type 3_str	BOBJ1	601.25	Before	Interior Girder 2	56.25	0.95	1	1	8.826361
Type 3_str	BOBJ1	601.25	Before	Right Exterior Girder	56.25	0.95	1	1	9.102874
Type 3_str	BOBJ1	601.25	After	Left Exterior Girder	56.25	0.95	1	1	9.08334
Type 3_str	BOBJ1	601.25	After	Interior Girder 1	56.25	0.95	1	1	8.844314
Type 3_str	BOBJ1	601.25	After	Interior Girder 2	56.25	0.95	1	1	8.844314
Type 3_str	BOBJ1	601.25	After	Right Exterior Girder	56.25	0.95	1	1	9.08334
Type 3_str	BOBJ1	601.7478	Before	Left Exterior Girder	56.7478	0.95	1	1	9.242715
Type 3_str	BOBJ1	601.7478	Before	Interior Girder 1	56.7478	0.95	1	1	9.004115
Type 3_str	BOBJ1	601.7478	Before	Interior Girder 2	56.7478	0.95	1	1	9.004115
Type 3_str	BOBJ1	601.7478	Before	Right Exterior Girder	56.7478	0.95	1	1	9.242714
Type 3_str	BOBJ1	601.7478	After	Left Exterior Girder	56.7478	0.95	1	1	2.938005
Type 3_str	BOBJ1	601.7478	After	Interior Girder 1	56.7478	0.95	1	1	2.893412
Type 3_str	BOBJ1	601.7478	After	Interior Girder 2	56.7478	0.95	1	1	2.893412
Type 3_str	BOBJ1	601.7478	After	Right Exterior Girder	56.7478	0.95	1	1	2.938005
Type 3_str	BOBJ1	612.5	Before	Left Exterior Girder	67.5	0.95	1	1	6.024953
Type 3_str	BOBJ1	612.5	Before	Interior Girder 1	67.5	0.95	1	1	5.96883
Type 3_str	BOBJ1	612.5	Before	Interior Girder 2	67.5	0.95	1	1	5.96883
Type 3_str	BOBJ1	612.5	Before	Right Exterior Girder	67.5	0.95	1	1	6.024953
Type 3_str	BOBJ1	612.5	After	Left Exterior Girder	67.5	0.95	1	1	8.479898
Type 3_str	BOBJ1	612.5	After	Interior Girder 1	67.5	0.95	1	1	8.444509
Type 3_str	BOBJ1	612.5	After	Interior Girder 2	67.5	0.95	1	1	8.444509
Type 3_str	BOBJ1	612.5	After	Right Exterior Girder	67.5	0.95	1	1	8.479898
Type 3_str	BOBJ1	623.75	Before	Left Exterior Girder	78.75	0.95	1	1	7.725692
Type 3_str	BOBJ1	623.75	Before	Interior Girder 1	78.75	0.95	1	1	6.39277
Type 3_str	BOBJ1	623.75	Before	Interior Girder 2	78.75	0.95	1	1	6.39277
Type 3_str	BOBJ1	623.75	Before	Right Exterior Girder	78.75	0.95	1	1	7.725692
Type 3_str	BOBJ1	623.75	After	Left Exterior Girder	78.75	0.95	1	1	7.729657
Type 3_str	BOBJ1	623.75	After	Interior Girder 1	78.75	0.95	1	1	6.386615
Type 3_str	BOBJ1	623.75	After	Interior Girder 2	78.75	0.95	1	1	6.386615
Type 3_str	BOBJ1	623.75	After	Right Exterior Girder	78.75	0.95	1	1	7.729657
Type 3_str	BOBJ1	635	Before	Left Exterior Girder	90	0.95	1	1	5.403798
Type 3_str	BOBJ1	635	Before	Interior Girder 1	90	0.95	1	1	4.691088
Type 3_str	BOBJ1	635	Before	Interior Girder 2	90	0.95	1	1	4.691088
Type 3_str	BOBJ1	635	Before	Right Exterior Girder	90	0.95	1	1	5.403799

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelINonCompStrgth-Flx - Main Span Girders									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Type 3_str	BOBJ1	635	After	Left Exterior Girder	90	0.95	1	1	5.496565
Type 3_str	BOBJ1	635	After	Interior Girder 1	90	0.95	1	1	4.712514
Type 3_str	BOBJ1	635	After	Interior Girder 2	90	0.95	1	1	4.712514
Type 3_str	BOBJ1	635	After	Right Exterior Girder	90	0.95	1	1	5.496566
Type 3_str	BOBJ1	643.5619	Before	Left Exterior Girder	98.5619	0.95	1	1	4.299742
Type 3_str	BOBJ1	643.5619	Before	Interior Girder 1	98.5619	0.95	1	1	3.725094
Type 3_str	BOBJ1	643.5619	Before	Interior Girder 2	98.5619	0.95	1	1	3.725094
Type 3_str	BOBJ1	643.5619	Before	Right Exterior Girder	98.5619	0.95	1	1	4.299742
Type 3_str	BOBJ1	643.5619	After	Left Exterior Girder	98.5619	0.95	1	1	8.136381
Type 3_str	BOBJ1	643.5619	After	Interior Girder 1	98.5619	0.95	1	1	7.037937
Type 3_str	BOBJ1	643.5619	After	Interior Girder 2	98.5619	0.95	1	1	7.037937
Type 3_str	BOBJ1	643.5619	After	Right Exterior Girder	98.5619	0.95	1	1	8.136381
Type 3_str	BOBJ1	646.25	Before	Left Exterior Girder	101.25	0.95	1	1	7.741958
Type 3_str	BOBJ1	646.25	Before	Interior Girder 1	101.25	0.95	1	1	6.722986
Type 3_str	BOBJ1	646.25	Before	Interior Girder 2	101.25	0.95	1	1	6.722986
Type 3_str	BOBJ1	646.25	Before	Right Exterior Girder	101.25	0.95	1	1	7.741958
Type 3_str	BOBJ1	646.25	After	Left Exterior Girder	101.25	0.95	1	1	7.736476
Type 3_str	BOBJ1	646.25	After	Interior Girder 1	101.25	0.95	1	1	6.725376
Type 3_str	BOBJ1	646.25	After	Interior Girder 2	101.25	0.95	1	1	6.725376
Type 3_str	BOBJ1	646.25	After	Right Exterior Girder	101.25	0.95	1	1	7.736476
Type 3_str	BOBJ1	657.5	Before	Left Exterior Girder	112.5	0.95	1	1	6.416645
Type 3_str	BOBJ1	657.5	Before	Interior Girder 1	112.5	0.95	1	1	5.733833
Type 3_str	BOBJ1	657.5	Before	Interior Girder 2	112.5	0.95	1	1	5.733833
Type 3_str	BOBJ1	657.5	Before	Right Exterior Girder	112.5	0.95	1	1	6.416645
Type 3_str	BOBJ1	657.5	After	Left Exterior Girder	112.5	0.95	1	1	6.455232
Type 3_str	BOBJ1	657.5	After	Interior Girder 1	112.5	0.95	1	1	5.738599
Type 3_str	BOBJ1	657.5	After	Interior Girder 2	112.5	0.95	1	1	5.738598
Type 3_str	BOBJ1	657.5	After	Right Exterior Girder	112.5	0.95	1	1	6.455232
Type 3_str	BOBJ1	668.75	Before	Left Exterior Girder	123.75	0.95	1	1	5.682394
Type 3_str	BOBJ1	668.75	Before	Interior Girder 1	123.75	0.95	1	1	5.030199
Type 3_str	BOBJ1	668.75	Before	Interior Girder 2	123.75	0.95	1	1	5.030199
Type 3_str	BOBJ1	668.75	Before	Right Exterior Girder	123.75	0.95	1	1	5.682394
Type 3_str	BOBJ1	668.75	After	Left Exterior Girder	123.75	0.95	1	1	5.68963
Type 3_str	BOBJ1	668.75	After	Interior Girder 1	123.75	0.95	1	1	5.033006
Type 3_str	BOBJ1	668.75	After	Interior Girder 2	123.75	0.95	1	1	5.033006
Type 3_str	BOBJ1	668.75	After	Right Exterior Girder	123.75	0.95	1	1	5.68963
Type 3_str	BOBJ1	680	Before	Left Exterior Girder	135	0.95	1	1	5.21945
Type 3_str	BOBJ1	680	Before	Interior Girder 1	135	0.95	1	1	4.693739
Type 3_str	BOBJ1	680	Before	Interior Girder 2	135	0.95	1	1	4.693739
Type 3_str	BOBJ1	680	Before	Right Exterior Girder	135	0.95	1	1	5.219449
Type 3_str	BOBJ1	680	After	Left Exterior Girder	135	0.95	1	1	5.216925
Type 3_str	BOBJ1	680	After	Interior Girder 1	135	0.95	1	1	4.703104
Type 3_str	BOBJ1	680	After	Interior Girder 2	135	0.95	1	1	4.703105
Type 3_str	BOBJ1	680	After	Right Exterior Girder	135	0.95	1	1	5.216925
Type 3_str	BOBJ1	691.25	Before	Left Exterior Girder	146.25	0.95	1	1	5.124154
Type 3_str	BOBJ1	691.25	Before	Interior Girder 1	146.25	0.95	1	1	4.518545
Type 3_str	BOBJ1	691.25	Before	Interior Girder 2	146.25	0.95	1	1	4.518545
Type 3_str	BOBJ1	691.25	Before	Right Exterior Girder	146.25	0.95	1	1	5.124154
Type 3_str	BOBJ1	691.25	After	Left Exterior Girder	146.25	0.95	1	1	5.12928
Type 3_str	BOBJ1	691.25	After	Interior Girder 1	146.25	0.95	1	1	4.516638
Type 3_str	BOBJ1	691.25	After	Interior Girder 2	146.25	0.95	1	1	4.516638
Type 3_str	BOBJ1	691.25	After	Right Exterior Girder	146.25	0.95	1	1	5.12928
Type 3_str	BOBJ1	702.5	Before	Left Exterior Girder	157.5	0.95	1	1	5.329914
Type 3_str	BOBJ1	702.5	Before	Interior Girder 1	157.5	0.95	1	1	4.68167
Type 3_str	BOBJ1	702.5	Before	Interior Girder 2	157.5	0.95	1	1	4.68167
Type 3_str	BOBJ1	702.5	Before	Right Exterior Girder	157.5	0.95	1	1	5.329914
Type 3_str	BOBJ1	702.5	After	Left Exterior Girder	157.5	0.95	1	1	5.283958
Type 3_str	BOBJ1	702.5	After	Interior Girder 1	157.5	0.95	1	1	4.702568
Type 3_str	BOBJ1	702.5	After	Interior Girder 2	157.5	0.95	1	1	4.702568
Type 3_str	BOBJ1	702.5	After	Right Exterior Girder	157.5	0.95	1	1	5.283957
Type 3_str	BOBJ1	713.75	Before	Left Exterior Girder	168.75	0.95	1	1	5.975256
Type 3_str	BOBJ1	713.75	Before	Interior Girder 1	168.75	0.95	1	1	5.085382
Type 3_str	BOBJ1	713.75	Before	Interior Girder 2	168.75	0.95	1	1	5.085382
Type 3_str	BOBJ1	713.75	Before	Right Exterior Girder	168.75	0.95	1	1	5.975255
Type 3_str	BOBJ1	713.75	After	Left Exterior Girder	168.75	0.95	1	1	5.976492
Type 3_str	BOBJ1	713.75	After	Interior Girder 1	168.75	0.95	1	1	5.087849
Type 3_str	BOBJ1	713.75	After	Interior Girder 2	168.75	0.95	1	1	5.08785
Type 3_str	BOBJ1	713.75	After	Right Exterior Girder	168.75	0.95	1	1	5.976491

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelINonCompStrgth-Flx - Main Span Girders									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Type 3_str	BOBJ1	725	Before	Left Exterior Girder	180	0.95	1	1	7.255333
Type 3_str	BOBJ1	725	Before	Interior Girder 1	180	0.95	1	1	6.021591
Type 3_str	BOBJ1	725	Before	Interior Girder 2	180	0.95	1	1	6.021591
Type 3_str	BOBJ1	725	Before	Right Exterior Girder	180	0.95	1	1	7.255332
Type 3_str	BOBJ1	725	After	Left Exterior Girder	180	0.95	1	1	7.170724
Type 3_str	BOBJ1	725	After	Interior Girder 1	180	0.95	1	1	6.080019
Type 3_str	BOBJ1	725	After	Interior Girder 2	180	0.95	1	1	6.080018
Type 3_str	BOBJ1	725	After	Right Exterior Girder	180	0.95	1	1	7.170724
Type 3_str	BOBJ1	731.1726	Before	Left Exterior Girder	186.1726	0.95	1	1	8.374939
Type 3_str	BOBJ1	731.1726	Before	Interior Girder 1	186.1726	0.95	1	1	6.79558
Type 3_str	BOBJ1	731.1726	Before	Interior Girder 2	186.1726	0.95	1	1	6.79558
Type 3_str	BOBJ1	731.1726	Before	Right Exterior Girder	186.1726	0.95	1	1	8.374939
Type 3_str	BOBJ1	731.1726	After	Left Exterior Girder	186.1726	0.95	1	1	3.596541
Type 3_str	BOBJ1	731.1726	After	Interior Girder 1	186.1726	0.95	1	1	2.904526
Type 3_str	BOBJ1	731.1726	After	Interior Girder 2	186.1726	0.95	1	1	2.904526
Type 3_str	BOBJ1	731.1726	After	Right Exterior Girder	186.1726	0.95	1	1	3.596541
Type 3_str	BOBJ1	736.25	Before	Left Exterior Girder	191.25	0.95	1	1	4.430231
Type 3_str	BOBJ1	736.25	Before	Interior Girder 1	191.25	0.95	1	1	3.435303
Type 3_str	BOBJ1	736.25	Before	Interior Girder 2	191.25	0.95	1	1	3.435303
Type 3_str	BOBJ1	736.25	Before	Right Exterior Girder	191.25	0.95	1	1	4.430231
Type 3_str	BOBJ1	736.25	After	Left Exterior Girder	191.25	0.95	1	1	4.417889
Type 3_str	BOBJ1	736.25	After	Interior Girder 1	191.25	0.95	1	1	3.434345
Type 3_str	BOBJ1	736.25	After	Interior Girder 2	191.25	0.95	1	1	3.434345
Type 3_str	BOBJ1	736.25	After	Right Exterior Girder	191.25	0.95	1	1	4.417889
Type 3_str	BOBJ1	747.5	Before	Left Exterior Girder	202.5	0.95	1	1	7.671815
Type 3_str	BOBJ1	747.5	Before	Interior Girder 1	202.5	0.95	1	1	5.563164
Type 3_str	BOBJ1	747.5	Before	Interior Girder 2	202.5	0.95	1	1	5.563164
Type 3_str	BOBJ1	747.5	Before	Right Exterior Girder	202.5	0.95	1	1	7.671815
Type 3_str	BOBJ1	747.5	After	Left Exterior Girder	202.5	0.95	1	1	7.360929
Type 3_str	BOBJ1	747.5	After	Interior Girder 1	202.5	0.95	1	1	5.492893
Type 3_str	BOBJ1	747.5	After	Interior Girder 2	202.5	0.95	1	1	5.492893
Type 3_str	BOBJ1	747.5	After	Right Exterior Girder	202.5	0.95	1	1	7.360927
Type 3_str	BOBJ1	758.75	Before	Left Exterior Girder	213.75	0.95	1	1	17.303776
Type 3_str	BOBJ1	758.75	Before	Interior Girder 1	213.75	0.95	1	1	11.386526
Type 3_str	BOBJ1	758.75	Before	Interior Girder 2	213.75	0.95	1	1	11.386526
Type 3_str	BOBJ1	758.75	Before	Right Exterior Girder	213.75	0.95	1	1	17.303771
Type 3_str	BOBJ1	758.75	After	Left Exterior Girder	213.75	0.95	1	1	17.260288
Type 3_str	BOBJ1	758.75	After	Interior Girder 1	213.75	0.95	1	1	11.246934
Type 3_str	BOBJ1	758.75	After	Interior Girder 2	213.75	0.95	1	1	11.246935
Type 3_str	BOBJ1	758.75	After	Right Exterior Girder	213.75	0.95	1	1	17.260283
Type 3_str	BOBJ1	770	Before	Left Exterior Girder	225	0.95	1	1	361.638235
Type 3_str	BOBJ1	770	Before	Interior Girder 1	225	0.95	1	1	299.048896
Type 3_str	BOBJ1	770	Before	Interior Girder 2	225	0.95	1	1	299.047839
Type 3_str	BOBJ1	770	Before	Right Exterior Girder	225	0.95	1	1	361.640045
Type 3S2_str	BOBJ1	0	After	Left Exterior Girder	0	0.95	1	1	256.257729
Type 3S2_str	BOBJ1	0	After	Interior Girder 1	0	0.95	1	1	216.300263
Type 3S2_str	BOBJ1	0	After	Interior Girder 2	0	0.95	1	1	216.300025
Type 3S2_str	BOBJ1	0	After	Right Exterior Girder	0	0.95	1	1	256.25772
Type 3S2_str	BOBJ1	11.25	Before	Left Exterior Girder	11.25	0.95	1	1	13.002631
Type 3S2_str	BOBJ1	11.25	Before	Interior Girder 1	11.25	0.95	1	1	9.253174
Type 3S2_str	BOBJ1	11.25	Before	Interior Girder 2	11.25	0.95	1	1	9.253176
Type 3S2_str	BOBJ1	11.25	Before	Right Exterior Girder	11.25	0.95	1	1	13.002631
Type 3S2_str	BOBJ1	11.25	After	Left Exterior Girder	11.25	0.95	1	1	13.063856
Type 3S2_str	BOBJ1	11.25	After	Interior Girder 1	11.25	0.95	1	1	9.390766
Type 3S2_str	BOBJ1	11.25	After	Interior Girder 2	11.25	0.95	1	1	9.390768
Type 3S2_str	BOBJ1	11.25	After	Right Exterior Girder	11.25	0.95	1	1	13.063855
Type 3S2_str	BOBJ1	22.5	Before	Left Exterior Girder	22.5	0.95	1	1	5.513238
Type 3S2_str	BOBJ1	22.5	Before	Interior Girder 1	22.5	0.95	1	1	4.484756
Type 3S2_str	BOBJ1	22.5	Before	Interior Girder 2	22.5	0.95	1	1	4.484757
Type 3S2_str	BOBJ1	22.5	Before	Right Exterior Girder	22.5	0.95	1	1	5.513238
Type 3S2_str	BOBJ1	22.5	After	Left Exterior Girder	22.5	0.95	1	1	5.746671
Type 3S2_str	BOBJ1	22.5	After	Interior Girder 1	22.5	0.95	1	1	4.536436
Type 3S2_str	BOBJ1	22.5	After	Interior Girder 2	22.5	0.95	1	1	4.536436
Type 3S2_str	BOBJ1	22.5	After	Right Exterior Girder	22.5	0.95	1	1	5.746671
Type 3S2_str	BOBJ1	33.75	Before	Left Exterior Girder	33.75	0.95	1	1	3.294649
Type 3S2_str	BOBJ1	33.75	Before	Interior Girder 1	33.75	0.95	1	1	2.739822
Type 3S2_str	BOBJ1	33.75	Before	Interior Girder 2	33.75	0.95	1	1	2.739822
Type 3S2_str	BOBJ1	33.75	Before	Right Exterior Girder	33.75	0.95	1	1	3.294649

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelINonCompStrgth-Flx - Main Span Girders									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Type 3S2_str	BOBJ1	33.75	After	Left Exterior Girder	33.75	0.95	1	1	3.303601
Type 3S2_str	BOBJ1	33.75	After	Interior Girder 1	33.75	0.95	1	1	2.740641
Type 3S2_str	BOBJ1	33.75	After	Interior Girder 2	33.75	0.95	1	1	2.740641
Type 3S2_str	BOBJ1	33.75	After	Right Exterior Girder	33.75	0.95	1	1	3.303601
Type 3S2_str	BOBJ1	38.8274	Before	Left Exterior Girder	38.8274	0.95	1	1	2.677584
Type 3S2_str	BOBJ1	38.8274	Before	Interior Girder 1	38.8274	0.95	1	1	2.302473
Type 3S2_str	BOBJ1	38.8274	Before	Interior Girder 2	38.8274	0.95	1	1	2.302474
Type 3S2_str	BOBJ1	38.8274	Before	Right Exterior Girder	38.8274	0.95	1	1	2.677584
Type 3S2_str	BOBJ1	38.8274	After	Left Exterior Girder	38.8274	0.95	1	1	6.235437
Type 3S2_str	BOBJ1	38.8274	After	Interior Girder 1	38.8274	0.95	1	1	5.385005
Type 3S2_str	BOBJ1	38.8274	After	Interior Girder 2	38.8274	0.95	1	1	5.385005
Type 3S2_str	BOBJ1	38.8274	After	Right Exterior Girder	38.8274	0.95	1	1	6.235437
Type 3S2_str	BOBJ1	45	Before	Left Exterior Girder	45	0.95	1	1	5.340792
Type 3S2_str	BOBJ1	45	Before	Interior Girder 1	45	0.95	1	1	4.796573
Type 3S2_str	BOBJ1	45	Before	Interior Girder 2	45	0.95	1	1	4.796574
Type 3S2_str	BOBJ1	45	Before	Right Exterior Girder	45	0.95	1	1	5.340792
Type 3S2_str	BOBJ1	45	After	Left Exterior Girder	45	0.95	1	1	5.411136
Type 3S2_str	BOBJ1	45	After	Interior Girder 1	45	0.95	1	1	4.756736
Type 3S2_str	BOBJ1	45	After	Interior Girder 2	45	0.95	1	1	4.756736
Type 3S2_str	BOBJ1	45	After	Right Exterior Girder	45	0.95	1	1	5.411136
Type 3S2_str	BOBJ1	56.25	Before	Left Exterior Girder	56.25	0.95	1	1	4.455011
Type 3S2_str	BOBJ1	56.25	Before	Interior Girder 1	56.25	0.95	1	1	4.00757
Type 3S2_str	BOBJ1	56.25	Before	Interior Girder 2	56.25	0.95	1	1	4.00757
Type 3S2_str	BOBJ1	56.25	Before	Right Exterior Girder	56.25	0.95	1	1	4.455011
Type 3S2_str	BOBJ1	56.25	After	Left Exterior Girder	56.25	0.95	1	1	4.455063
Type 3S2_str	BOBJ1	56.25	After	Interior Girder 1	56.25	0.95	1	1	4.010036
Type 3S2_str	BOBJ1	56.25	After	Interior Girder 2	56.25	0.95	1	1	4.010035
Type 3S2_str	BOBJ1	56.25	After	Right Exterior Girder	56.25	0.95	1	1	4.455063
Type 3S2_str	BOBJ1	67.5	Before	Left Exterior Girder	67.5	0.95	1	1	3.938662
Type 3S2_str	BOBJ1	67.5	Before	Interior Girder 1	67.5	0.95	1	1	3.663255
Type 3S2_str	BOBJ1	67.5	Before	Interior Girder 2	67.5	0.95	1	1	3.663255
Type 3S2_str	BOBJ1	67.5	Before	Right Exterior Girder	67.5	0.95	1	1	3.938662
Type 3S2_str	BOBJ1	67.5	After	Left Exterior Girder	67.5	0.95	1	1	3.976686
Type 3S2_str	BOBJ1	67.5	After	Interior Girder 1	67.5	0.95	1	1	3.679576
Type 3S2_str	BOBJ1	67.5	After	Interior Girder 2	67.5	0.95	1	1	3.679575
Type 3S2_str	BOBJ1	67.5	After	Right Exterior Girder	67.5	0.95	1	1	3.976686
Type 3S2_str	BOBJ1	78.75	Before	Left Exterior Girder	78.75	0.95	1	1	3.825193
Type 3S2_str	BOBJ1	78.75	Before	Interior Girder 1	78.75	0.95	1	1	3.525337
Type 3S2_str	BOBJ1	78.75	Before	Interior Girder 2	78.75	0.95	1	1	3.525336
Type 3S2_str	BOBJ1	78.75	Before	Right Exterior Girder	78.75	0.95	1	1	3.825193
Type 3S2_str	BOBJ1	78.75	After	Left Exterior Girder	78.75	0.95	1	1	3.821406
Type 3S2_str	BOBJ1	78.75	After	Interior Girder 1	78.75	0.95	1	1	3.526485
Type 3S2_str	BOBJ1	78.75	After	Interior Girder 2	78.75	0.95	1	1	3.526484
Type 3S2_str	BOBJ1	78.75	After	Right Exterior Girder	78.75	0.95	1	1	3.821406
Type 3S2_str	BOBJ1	90	Before	Left Exterior Girder	90	0.95	1	1	3.896472
Type 3S2_str	BOBJ1	90	Before	Interior Girder 1	90	0.95	1	1	3.633469
Type 3S2_str	BOBJ1	90	Before	Interior Girder 2	90	0.95	1	1	3.633468
Type 3S2_str	BOBJ1	90	Before	Right Exterior Girder	90	0.95	1	1	3.896472
Type 3S2_str	BOBJ1	90	After	Left Exterior Girder	90	0.95	1	1	3.900096
Type 3S2_str	BOBJ1	90	After	Interior Girder 1	90	0.95	1	1	3.640258
Type 3S2_str	BOBJ1	90	After	Interior Girder 2	90	0.95	1	1	3.640258
Type 3S2_str	BOBJ1	90	After	Right Exterior Girder	90	0.95	1	1	3.900097
Type 3S2_str	BOBJ1	101.25	Before	Left Exterior Girder	101.25	0.95	1	1	4.245741
Type 3S2_str	BOBJ1	101.25	Before	Interior Girder 1	101.25	0.95	1	1	3.900897
Type 3S2_str	BOBJ1	101.25	Before	Interior Girder 2	101.25	0.95	1	1	3.900897
Type 3S2_str	BOBJ1	101.25	Before	Right Exterior Girder	101.25	0.95	1	1	4.245741
Type 3S2_str	BOBJ1	101.25	After	Left Exterior Girder	101.25	0.95	1	1	4.242716
Type 3S2_str	BOBJ1	101.25	After	Interior Girder 1	101.25	0.95	1	1	3.895039
Type 3S2_str	BOBJ1	101.25	After	Interior Girder 2	101.25	0.95	1	1	3.895039
Type 3S2_str	BOBJ1	101.25	After	Right Exterior Girder	101.25	0.95	1	1	4.242716
Type 3S2_str	BOBJ1	112.5	Before	Left Exterior Girder	112.5	0.95	1	1	4.817413
Type 3S2_str	BOBJ1	112.5	Before	Interior Girder 1	112.5	0.95	1	1	4.431625
Type 3S2_str	BOBJ1	112.5	Before	Interior Girder 2	112.5	0.95	1	1	4.431625
Type 3S2_str	BOBJ1	112.5	Before	Right Exterior Girder	112.5	0.95	1	1	4.817413
Type 3S2_str	BOBJ1	112.5	After	Left Exterior Girder	112.5	0.95	1	1	4.787169
Type 3S2_str	BOBJ1	112.5	After	Interior Girder 1	112.5	0.95	1	1	4.421106
Type 3S2_str	BOBJ1	112.5	After	Interior Girder 2	112.5	0.95	1	1	4.421106
Type 3S2_str	BOBJ1	112.5	After	Right Exterior Girder	112.5	0.95	1	1	4.787168

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelINonCompStrgth-Flx - Main Span Girders									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Type 3S2_str	BOBJ1	123.75	Before	Left Exterior Girder	123.75	0.95	1	1	5.776276
Type 3S2_str	BOBJ1	123.75	Before	Interior Girder 1	123.75	0.95	1	1	5.193806
Type 3S2_str	BOBJ1	123.75	Before	Interior Girder 2	123.75	0.95	1	1	5.193806
Type 3S2_str	BOBJ1	123.75	Before	Right Exterior Girder	123.75	0.95	1	1	5.776276
Type 3S2_str	BOBJ1	123.75	After	Left Exterior Girder	123.75	0.95	1	1	5.779221
Type 3S2_str	BOBJ1	123.75	After	Interior Girder 1	123.75	0.95	1	1	5.187942
Type 3S2_str	BOBJ1	123.75	After	Interior Girder 2	123.75	0.95	1	1	5.187942
Type 3S2_str	BOBJ1	123.75	After	Right Exterior Girder	123.75	0.95	1	1	5.779221
Type 3S2_str	BOBJ1	126.4381	Before	Left Exterior Girder	126.4381	0.95	1	1	6.07903
Type 3S2_str	BOBJ1	126.4381	Before	Interior Girder 1	126.4381	0.95	1	1	5.432118
Type 3S2_str	BOBJ1	126.4381	Before	Interior Girder 2	126.4381	0.95	1	1	5.432118
Type 3S2_str	BOBJ1	126.4381	Before	Right Exterior Girder	126.4381	0.95	1	1	6.07903
Type 3S2_str	BOBJ1	126.4381	After	Left Exterior Girder	126.4381	0.95	1	1	3.212025
Type 3S2_str	BOBJ1	126.4381	After	Interior Girder 1	126.4381	0.95	1	1	2.874065
Type 3S2_str	BOBJ1	126.4381	After	Interior Girder 2	126.4381	0.95	1	1	2.874066
Type 3S2_str	BOBJ1	126.4381	After	Right Exterior Girder	126.4381	0.95	1	1	3.212025
Type 3S2_str	BOBJ1	135	Before	Left Exterior Girder	135	0.95	1	1	4.126915
Type 3S2_str	BOBJ1	135	Before	Interior Girder 1	135	0.95	1	1	3.655073
Type 3S2_str	BOBJ1	135	Before	Interior Girder 2	135	0.95	1	1	3.655073
Type 3S2_str	BOBJ1	135	Before	Right Exterior Girder	135	0.95	1	1	4.126915
Type 3S2_str	BOBJ1	135	After	Left Exterior Girder	135	0.95	1	1	4.052615
Type 3S2_str	BOBJ1	135	After	Interior Girder 1	135	0.95	1	1	3.633524
Type 3S2_str	BOBJ1	135	After	Interior Girder 2	135	0.95	1	1	3.633524
Type 3S2_str	BOBJ1	135	After	Right Exterior Girder	135	0.95	1	1	4.052615
Type 3S2_str	BOBJ1	146.25	Before	Left Exterior Girder	146.25	0.95	1	1	5.851471
Type 3S2_str	BOBJ1	146.25	Before	Interior Girder 1	146.25	0.95	1	1	4.99793
Type 3S2_str	BOBJ1	146.25	Before	Interior Girder 2	146.25	0.95	1	1	4.99793
Type 3S2_str	BOBJ1	146.25	Before	Right Exterior Girder	146.25	0.95	1	1	5.851471
Type 3S2_str	BOBJ1	146.25	After	Left Exterior Girder	146.25	0.95	1	1	5.847812
Type 3S2_str	BOBJ1	146.25	After	Interior Girder 1	146.25	0.95	1	1	4.998111
Type 3S2_str	BOBJ1	146.25	After	Interior Girder 2	146.25	0.95	1	1	4.99811
Type 3S2_str	BOBJ1	146.25	After	Right Exterior Girder	146.25	0.95	1	1	5.847812
Type 3S2_str	BOBJ1	157.5	Before	Left Exterior Girder	157.5	0.95	1	1	5.935747
Type 3S2_str	BOBJ1	157.5	Before	Interior Girder 1	157.5	0.95	1	1	5.911521
Type 3S2_str	BOBJ1	157.5	Before	Interior Girder 2	157.5	0.95	1	1	5.91152
Type 3S2_str	BOBJ1	157.5	Before	Right Exterior Girder	157.5	0.95	1	1	5.935748
Type 3S2_str	BOBJ1	157.5	After	Left Exterior Girder	157.5	0.95	1	1	4.217422
Type 3S2_str	BOBJ1	157.5	After	Interior Girder 1	157.5	0.95	1	1	4.178353
Type 3S2_str	BOBJ1	157.5	After	Interior Girder 2	157.5	0.95	1	1	4.178352
Type 3S2_str	BOBJ1	157.5	After	Right Exterior Girder	157.5	0.95	1	1	4.217422
Type 3S2_str	BOBJ1	168.2522	Before	Left Exterior Girder	168.2522	0.95	1	1	2.059072
Type 3S2_str	BOBJ1	168.2522	Before	Interior Girder 1	168.2522	0.95	1	1	2.022175
Type 3S2_str	BOBJ1	168.2522	Before	Interior Girder 2	168.2522	0.95	1	1	2.022175
Type 3S2_str	BOBJ1	168.2522	Before	Right Exterior Girder	168.2522	0.95	1	1	2.059073
Type 3S2_str	BOBJ1	168.2522	After	Left Exterior Girder	168.2522	0.95	1	1	6.474796
Type 3S2_str	BOBJ1	168.2522	After	Interior Girder 1	168.2522	0.95	1	1	6.297332
Type 3S2_str	BOBJ1	168.2522	After	Interior Girder 2	168.2522	0.95	1	1	6.297332
Type 3S2_str	BOBJ1	168.2522	After	Right Exterior Girder	168.2522	0.95	1	1	6.474796
Type 3S2_str	BOBJ1	168.75	Before	Left Exterior Girder	168.75	0.95	1	1	6.358406
Type 3S2_str	BOBJ1	168.75	Before	Interior Girder 1	168.75	0.95	1	1	6.191426
Type 3S2_str	BOBJ1	168.75	Before	Interior Girder 2	168.75	0.95	1	1	6.191425
Type 3S2_str	BOBJ1	168.75	Before	Right Exterior Girder	168.75	0.95	1	1	6.358407
Type 3S2_str	BOBJ1	168.75	After	Left Exterior Girder	168.75	0.95	1	1	6.372099
Type 3S2_str	BOBJ1	168.75	After	Interior Girder 1	168.75	0.95	1	1	6.179003
Type 3S2_str	BOBJ1	168.75	After	Interior Girder 2	168.75	0.95	1	1	6.179002
Type 3S2_str	BOBJ1	168.75	After	Right Exterior Girder	168.75	0.95	1	1	6.372099
Type 3S2_str	BOBJ1	180	Before	Left Exterior Girder	180	0.95	1	1	3.904073
Type 3S2_str	BOBJ1	180	Before	Interior Girder 1	180	0.95	1	1	3.728595
Type 3S2_str	BOBJ1	180	Before	Interior Girder 2	180	0.95	1	1	3.728595
Type 3S2_str	BOBJ1	180	Before	Right Exterior Girder	180	0.95	1	1	3.904073
Type 3S2_str	BOBJ1	180	After	Left Exterior Girder	180	0.95	1	1	5.387611
Type 3S2_str	BOBJ1	180	After	Interior Girder 1	180	0.95	1	1	5.159472
Type 3S2_str	BOBJ1	180	After	Interior Girder 2	180	0.95	1	1	5.159472
Type 3S2_str	BOBJ1	180	After	Right Exterior Girder	180	0.95	1	1	5.387611
Type 3S2_str	BOBJ1	183.1858	Before	Left Exterior Girder	183.1858	0.95	1	1	4.673264
Type 3S2_str	BOBJ1	183.1858	Before	Interior Girder 1	183.1858	0.95	1	1	4.453066
Type 3S2_str	BOBJ1	183.1858	Before	Interior Girder 2	183.1858	0.95	1	1	4.453066
Type 3S2_str	BOBJ1	183.1858	Before	Right Exterior Girder	183.1858	0.95	1	1	4.673264

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelNonCompStrgth-Flx - Main Span Girders									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Type 3S2_str	BOBJ1	183.1858	After	Left Exterior Girder	183.1858	0.95	1	1	10.455066
Type 3S2_str	BOBJ1	183.1858	After	Interior Girder 1	183.1858	0.95	1	1	9.931032
Type 3S2_str	BOBJ1	183.1858	After	Interior Girder 2	183.1858	0.95	1	1	9.931032
Type 3S2_str	BOBJ1	183.1858	After	Right Exterior Girder	183.1858	0.95	1	1	10.455066
Type 3S2_str	BOBJ1	191.25	Before	Left Exterior Girder	191.25	0.95	1	1	8.448094
Type 3S2_str	BOBJ1	191.25	Before	Interior Girder 1	191.25	0.95	1	1	7.88928
Type 3S2_str	BOBJ1	191.25	Before	Interior Girder 2	191.25	0.95	1	1	7.88928
Type 3S2_str	BOBJ1	191.25	Before	Right Exterior Girder	191.25	0.95	1	1	8.448094
Type 3S2_str	BOBJ1	191.25	After	Left Exterior Girder	191.25	0.95	1	1	8.471354
Type 3S2_str	BOBJ1	191.25	After	Interior Girder 1	191.25	0.95	1	1	7.871496
Type 3S2_str	BOBJ1	191.25	After	Interior Girder 2	191.25	0.95	1	1	7.871496
Type 3S2_str	BOBJ1	191.25	After	Right Exterior Girder	191.25	0.95	1	1	8.471355
Type 3S2_str	BOBJ1	199.9414	Before	Left Exterior Girder	199.9414	0.95	1	1	6.27665
Type 3S2_str	BOBJ1	199.9414	Before	Interior Girder 1	199.9414	0.95	1	1	5.757456
Type 3S2_str	BOBJ1	199.9414	Before	Interior Girder 2	199.9414	0.95	1	1	5.757456
Type 3S2_str	BOBJ1	199.9414	Before	Right Exterior Girder	199.9414	0.95	1	1	6.27665
Type 3S2_str	BOBJ1	199.9414	After	Left Exterior Girder	199.9414	0.95	1	1	10.826592
Type 3S2_str	BOBJ1	199.9414	After	Interior Girder 1	199.9414	0.95	1	1	9.927284
Type 3S2_str	BOBJ1	199.9414	After	Interior Girder 2	199.9414	0.95	1	1	9.927285
Type 3S2_str	BOBJ1	199.9414	After	Right Exterior Girder	199.9414	0.95	1	1	10.826592
Type 3S2_str	BOBJ1	202.5	Before	Left Exterior Girder	202.5	0.95	1	1	9.877425
Type 3S2_str	BOBJ1	202.5	Before	Interior Girder 1	202.5	0.95	1	1	9.249915
Type 3S2_str	BOBJ1	202.5	Before	Interior Girder 2	202.5	0.95	1	1	9.249915
Type 3S2_str	BOBJ1	202.5	Before	Right Exterior Girder	202.5	0.95	1	1	9.877425
Type 3S2_str	BOBJ1	202.5	After	Left Exterior Girder	202.5	0.95	1	1	10.229756
Type 3S2_str	BOBJ1	202.5	After	Interior Girder 1	202.5	0.95	1	1	9.35169
Type 3S2_str	BOBJ1	202.5	After	Interior Girder 2	202.5	0.95	1	1	9.351691
Type 3S2_str	BOBJ1	202.5	After	Right Exterior Girder	202.5	0.95	1	1	10.229756
Type 3S2_str	BOBJ1	210.5642	Before	Left Exterior Girder	210.5642	0.95	1	1	7.429607
Type 3S2_str	BOBJ1	210.5642	Before	Interior Girder 1	210.5642	0.95	1	1	7.067001
Type 3S2_str	BOBJ1	210.5642	Before	Interior Girder 2	210.5642	0.95	1	1	7.067001
Type 3S2_str	BOBJ1	210.5642	Before	Right Exterior Girder	210.5642	0.95	1	1	7.429607
Type 3S2_str	BOBJ1	210.5642	After	Left Exterior Girder	210.5642	0.95	1	1	11.424099
Type 3S2_str	BOBJ1	210.5642	After	Interior Girder 1	210.5642	0.95	1	1	10.897772
Type 3S2_str	BOBJ1	210.5642	After	Interior Girder 2	210.5642	0.95	1	1	10.897772
Type 3S2_str	BOBJ1	210.5642	After	Right Exterior Girder	210.5642	0.95	1	1	11.424099
Type 3S2_str	BOBJ1	213.75	Before	Left Exterior Girder	213.75	0.95	1	1	10.171449
Type 3S2_str	BOBJ1	213.75	Before	Interior Girder 1	213.75	0.95	1	1	9.626526
Type 3S2_str	BOBJ1	213.75	Before	Interior Girder 2	213.75	0.95	1	1	9.626526
Type 3S2_str	BOBJ1	213.75	Before	Right Exterior Girder	213.75	0.95	1	1	10.171449
Type 3S2_str	BOBJ1	213.75	After	Left Exterior Girder	213.75	0.95	1	1	10.160261
Type 3S2_str	BOBJ1	213.75	After	Interior Girder 1	213.75	0.95	1	1	9.60923
Type 3S2_str	BOBJ1	213.75	After	Interior Girder 2	213.75	0.95	1	1	9.60923
Type 3S2_str	BOBJ1	213.75	After	Right Exterior Girder	213.75	0.95	1	1	10.160261
Type 3S2_str	BOBJ1	225	Before	Left Exterior Girder	225	0.95	1	1	6.138656
Type 3S2_str	BOBJ1	225	Before	Interior Girder 1	225	0.95	1	1	5.534916
Type 3S2_str	BOBJ1	225	Before	Interior Girder 2	225	0.95	1	1	5.534916
Type 3S2_str	BOBJ1	225	Before	Right Exterior Girder	225	0.95	1	1	6.138656
Type 3S2_str	BOBJ1	225	After	Left Exterior Girder	0	0.95	1	1	5.749059
Type 3S2_str	BOBJ1	225	After	Interior Girder 1	0	0.95	1	1	5.324247
Type 3S2_str	BOBJ1	225	After	Interior Girder 2	0	0.95	1	1	5.324247
Type 3S2_str	BOBJ1	225	After	Right Exterior Girder	0	0.95	1	1	5.749058
Type 3S2_str	BOBJ1	236.45	Before	Left Exterior Girder	11.45	0.95	1	1	10.221529
Type 3S2_str	BOBJ1	236.45	Before	Interior Girder 1	11.45	0.95	1	1	10.177404
Type 3S2_str	BOBJ1	236.45	Before	Interior Girder 2	11.45	0.95	1	1	10.177405
Type 3S2_str	BOBJ1	236.45	Before	Right Exterior Girder	11.45	0.95	1	1	10.221529
Type 3S2_str	BOBJ1	236.45	After	Left Exterior Girder	11.45	0.95	1	1	10.242973
Type 3S2_str	BOBJ1	236.45	After	Interior Girder 1	11.45	0.95	1	1	10.182521
Type 3S2_str	BOBJ1	236.45	After	Interior Girder 2	11.45	0.95	1	1	10.182521
Type 3S2_str	BOBJ1	236.45	After	Right Exterior Girder	11.45	0.95	1	1	10.242973
Type 3S2_str	BOBJ1	239.5082	Before	Left Exterior Girder	14.5082	0.95	1	1	11.767154
Type 3S2_str	BOBJ1	239.5082	Before	Interior Girder 1	14.5082	0.95	1	1	11.757146
Type 3S2_str	BOBJ1	239.5082	Before	Interior Girder 2	14.5082	0.95	1	1	11.757147
Type 3S2_str	BOBJ1	239.5082	Before	Right Exterior Girder	14.5082	0.95	1	1	11.767154
Type 3S2_str	BOBJ1	239.5082	After	Left Exterior Girder	14.5082	0.95	1	1	7.72469
Type 3S2_str	BOBJ1	239.5082	After	Interior Girder 1	14.5082	0.95	1	1	7.720583
Type 3S2_str	BOBJ1	239.5082	After	Interior Girder 2	14.5082	0.95	1	1	7.720583
Type 3S2_str	BOBJ1	239.5082	After	Right Exterior Girder	14.5082	0.95	1	1	7.72469

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelNonCompStrgth-Flx - Main Span Girders									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Type 3S2_str	BOBJ1	247.9	Before	Left Exterior Girder	22.9	0.95	1	1	11.810238
Type 3S2_str	BOBJ1	247.9	Before	Interior Girder 1	22.9	0.95	1	1	11.673473
Type 3S2_str	BOBJ1	247.9	Before	Interior Girder 2	22.9	0.95	1	1	11.673473
Type 3S2_str	BOBJ1	247.9	Before	Right Exterior Girder	22.9	0.95	1	1	11.810238
Type 3S2_str	BOBJ1	247.9	After	Left Exterior Girder	22.9	0.95	1	1	11.490658
Type 3S2_str	BOBJ1	247.9	After	Interior Girder 1	22.9	0.95	1	1	11.665298
Type 3S2_str	BOBJ1	247.9	After	Interior Girder 2	22.9	0.95	1	1	11.665298
Type 3S2_str	BOBJ1	247.9	After	Right Exterior Girder	22.9	0.95	1	1	11.490658
Type 3S2_str	BOBJ1	258.5189	Before	Left Exterior Girder	33.5189	0.95	1	1	16.509781
Type 3S2_str	BOBJ1	258.5189	Before	Interior Girder 1	33.5189	0.95	1	1	15.388338
Type 3S2_str	BOBJ1	258.5189	Before	Interior Girder 2	33.5189	0.95	1	1	15.388337
Type 3S2_str	BOBJ1	258.5189	Before	Right Exterior Girder	33.5189	0.95	1	1	16.509781
Type 3S2_str	BOBJ1	258.5189	After	Left Exterior Girder	33.5189	0.95	1	1	11.227727
Type 3S2_str	BOBJ1	258.5189	After	Interior Girder 1	33.5189	0.95	1	1	10.358718
Type 3S2_str	BOBJ1	258.5189	After	Interior Girder 2	33.5189	0.95	1	1	10.358718
Type 3S2_str	BOBJ1	258.5189	After	Right Exterior Girder	33.5189	0.95	1	1	11.227727
Type 3S2_str	BOBJ1	259.3	Before	Left Exterior Girder	34.3	0.95	1	1	11.492802
Type 3S2_str	BOBJ1	259.3	Before	Interior Girder 1	34.3	0.95	1	1	10.616089
Type 3S2_str	BOBJ1	259.3	Before	Interior Girder 2	34.3	0.95	1	1	10.616089
Type 3S2_str	BOBJ1	259.3	Before	Right Exterior Girder	34.3	0.95	1	1	11.492802
Type 3S2_str	BOBJ1	259.3	After	Left Exterior Girder	34.3	0.95	1	1	11.484645
Type 3S2_str	BOBJ1	259.3	After	Interior Girder 1	34.3	0.95	1	1	10.623344
Type 3S2_str	BOBJ1	259.3	After	Interior Girder 2	34.3	0.95	1	1	10.623344
Type 3S2_str	BOBJ1	259.3	After	Right Exterior Girder	34.3	0.95	1	1	11.484645
Type 3S2_str	BOBJ1	266.1031	Before	Left Exterior Girder	41.1031	0.95	1	1	13.72863
Type 3S2_str	BOBJ1	266.1031	Before	Interior Girder 1	41.1031	0.95	1	1	12.902998
Type 3S2_str	BOBJ1	266.1031	Before	Interior Girder 2	41.1031	0.95	1	1	12.902998
Type 3S2_str	BOBJ1	266.1031	Before	Right Exterior Girder	41.1031	0.95	1	1	13.72863
Type 3S2_str	BOBJ1	266.1031	After	Left Exterior Girder	41.1031	0.95	1	1	7.10876
Type 3S2_str	BOBJ1	266.1031	After	Interior Girder 1	41.1031	0.95	1	1	6.690413
Type 3S2_str	BOBJ1	266.1031	After	Interior Girder 2	41.1031	0.95	1	1	6.690413
Type 3S2_str	BOBJ1	266.1031	After	Right Exterior Girder	41.1031	0.95	1	1	7.10876
Type 3S2_str	BOBJ1	270.7	Before	Left Exterior Girder	45.7	0.95	1	1	8.520871
Type 3S2_str	BOBJ1	270.7	Before	Interior Girder 1	45.7	0.95	1	1	8.10292
Type 3S2_str	BOBJ1	270.7	Before	Interior Girder 2	45.7	0.95	1	1	8.10292
Type 3S2_str	BOBJ1	270.7	Before	Right Exterior Girder	45.7	0.95	1	1	8.520871
Type 3S2_str	BOBJ1	270.7	After	Left Exterior Girder	45.7	0.95	1	1	9.990542
Type 3S2_str	BOBJ1	270.7	After	Interior Girder 1	45.7	0.95	1	1	9.495425
Type 3S2_str	BOBJ1	270.7	After	Interior Girder 2	45.7	0.95	1	1	9.495425
Type 3S2_str	BOBJ1	270.7	After	Right Exterior Girder	45.7	0.95	1	1	9.990542
Type 3S2_str	BOBJ1	273.6874	Before	Left Exterior Girder	48.6874	0.95	1	1	10.945168
Type 3S2_str	BOBJ1	273.6874	Before	Interior Girder 1	48.6874	0.95	1	1	10.441644
Type 3S2_str	BOBJ1	273.6874	Before	Interior Girder 2	48.6874	0.95	1	1	10.441643
Type 3S2_str	BOBJ1	273.6874	Before	Right Exterior Girder	48.6874	0.95	1	1	10.945168
Type 3S2_str	BOBJ1	273.6874	After	Left Exterior Girder	48.6874	0.95	1	1	4.711206
Type 3S2_str	BOBJ1	273.6874	After	Interior Girder 1	48.6874	0.95	1	1	4.528493
Type 3S2_str	BOBJ1	273.6874	After	Interior Girder 2	48.6874	0.95	1	1	4.528493
Type 3S2_str	BOBJ1	273.6874	After	Right Exterior Girder	48.6874	0.95	1	1	4.711205
Type 3S2_str	BOBJ1	282.15	Before	Left Exterior Girder	57.15	0.95	1	1	7.220449
Type 3S2_str	BOBJ1	282.15	Before	Interior Girder 1	57.15	0.95	1	1	7.002578
Type 3S2_str	BOBJ1	282.15	Before	Interior Girder 2	57.15	0.95	1	1	7.002578
Type 3S2_str	BOBJ1	282.15	Before	Right Exterior Girder	57.15	0.95	1	1	7.220449
Type 3S2_str	BOBJ1	282.15	After	Left Exterior Girder	57.15	0.95	1	1	7.210072
Type 3S2_str	BOBJ1	282.15	After	Interior Girder 1	57.15	0.95	1	1	7.01313
Type 3S2_str	BOBJ1	282.15	After	Interior Girder 2	57.15	0.95	1	1	7.01313
Type 3S2_str	BOBJ1	282.15	After	Right Exterior Girder	57.15	0.95	1	1	7.210072
Type 3S2_str	BOBJ1	293.6	Before	Left Exterior Girder	68.6	0.95	1	1	5.794716
Type 3S2_str	BOBJ1	293.6	Before	Interior Girder 1	68.6	0.95	1	1	4.712661
Type 3S2_str	BOBJ1	293.6	Before	Interior Girder 2	68.6	0.95	1	1	4.712661
Type 3S2_str	BOBJ1	293.6	Before	Right Exterior Girder	68.6	0.95	1	1	5.794716
Type 3S2_str	BOBJ1	293.6	After	Left Exterior Girder	68.6	0.95	1	1	6.004222
Type 3S2_str	BOBJ1	293.6	After	Interior Girder 1	68.6	0.95	1	1	4.804764
Type 3S2_str	BOBJ1	293.6	After	Interior Girder 2	68.6	0.95	1	1	4.804764
Type 3S2_str	BOBJ1	293.6	After	Right Exterior Girder	68.6	0.95	1	1	6.004222
Type 3S2_str	BOBJ1	305	Before	Left Exterior Girder	80	0.95	1	1	3.204919
Type 3S2_str	BOBJ1	305	Before	Interior Girder 1	80	0.95	1	1	2.635771
Type 3S2_str	BOBJ1	305	Before	Interior Girder 2	80	0.95	1	1	2.635771
Type 3S2_str	BOBJ1	305	Before	Right Exterior Girder	80	0.95	1	1	3.204919

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelINonCompStrgth-Flx - Main Span Girders									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Type 3S2_str	BOBJ1	305	After	Left Exterior Girder	80	0.95	1	1	3.203627
Type 3S2_str	BOBJ1	305	After	Interior Girder 1	80	0.95	1	1	2.635164
Type 3S2_str	BOBJ1	305	After	Interior Girder 2	80	0.95	1	1	2.635164
Type 3S2_str	BOBJ1	305	After	Right Exterior Girder	80	0.95	1	1	3.203627
Type 3S2_str	BOBJ1	306.9561	Before	Left Exterior Girder	81.9561	0.95	1	1	2.834363
Type 3S2_str	BOBJ1	306.9561	Before	Interior Girder 1	81.9561	0.95	1	1	2.357654
Type 3S2_str	BOBJ1	306.9561	Before	Interior Girder 2	81.9561	0.95	1	1	2.357654
Type 3S2_str	BOBJ1	306.9561	Before	Right Exterior Girder	81.9561	0.95	1	1	2.834363
Type 3S2_str	BOBJ1	306.9561	After	Left Exterior Girder	81.9561	0.95	1	1	7.412068
Type 3S2_str	BOBJ1	306.9561	After	Interior Girder 1	81.9561	0.95	1	1	6.242748
Type 3S2_str	BOBJ1	306.9561	After	Interior Girder 2	81.9561	0.95	1	1	6.242749
Type 3S2_str	BOBJ1	306.9561	After	Right Exterior Girder	81.9561	0.95	1	1	7.412068
Type 3S2_str	BOBJ1	316.4	Before	Left Exterior Girder	91.4	0.95	1	1	5.407775
Type 3S2_str	BOBJ1	316.4	Before	Interior Girder 1	91.4	0.95	1	1	4.731789
Type 3S2_str	BOBJ1	316.4	Before	Interior Girder 2	91.4	0.95	1	1	4.731789
Type 3S2_str	BOBJ1	316.4	Before	Right Exterior Girder	91.4	0.95	1	1	5.407775
Type 3S2_str	BOBJ1	316.4	After	Left Exterior Girder	91.4	0.95	1	1	5.480978
Type 3S2_str	BOBJ1	316.4	After	Interior Girder 1	91.4	0.95	1	1	4.735065
Type 3S2_str	BOBJ1	316.4	After	Interior Girder 2	91.4	0.95	1	1	4.735065
Type 3S2_str	BOBJ1	316.4	After	Right Exterior Girder	91.4	0.95	1	1	5.480977
Type 3S2_str	BOBJ1	327.85	Before	Left Exterior Girder	102.9679	0.95	1	1	3.908916
Type 3S2_str	BOBJ1	327.85	Before	Interior Girder 1	102.9679	0.95	1	1	3.401795
Type 3S2_str	BOBJ1	327.85	Before	Interior Girder 2	102.9679	0.95	1	1	3.401796
Type 3S2_str	BOBJ1	327.85	Before	Right Exterior Girder	102.9679	0.95	1	1	3.908916
Type 3S2_str	BOBJ1	327.85	After	Left Exterior Girder	102.9679	0.95	1	1	7.54031
Type 3S2_str	BOBJ1	327.85	After	Interior Girder 1	102.9679	0.95	1	1	6.67992
Type 3S2_str	BOBJ1	327.85	After	Interior Girder 2	102.9679	0.95	1	1	6.679921
Type 3S2_str	BOBJ1	327.85	After	Right Exterior Girder	102.9679	0.95	1	1	7.54031
Type 3S2_str	BOBJ1	339.3	Before	Left Exterior Girder	114.3	0.95	1	1	6.119011
Type 3S2_str	BOBJ1	339.3	Before	Interior Girder 1	114.3	0.95	1	1	5.552876
Type 3S2_str	BOBJ1	339.3	Before	Interior Girder 2	114.3	0.95	1	1	5.552877
Type 3S2_str	BOBJ1	339.3	Before	Right Exterior Girder	114.3	0.95	1	1	6.11901
Type 3S2_str	BOBJ1	339.3	After	Left Exterior Girder	114.3	0.95	1	1	6.160024
Type 3S2_str	BOBJ1	339.3	After	Interior Girder 1	114.3	0.95	1	1	5.566044
Type 3S2_str	BOBJ1	339.3	After	Interior Girder 2	114.3	0.95	1	1	5.566044
Type 3S2_str	BOBJ1	339.3	After	Right Exterior Girder	114.3	0.95	1	1	6.160024
Type 3S2_str	BOBJ1	350.7	Before	Left Exterior Girder	125.7	0.95	1	1	5.276361
Type 3S2_str	BOBJ1	350.7	Before	Interior Girder 1	125.7	0.95	1	1	4.757388
Type 3S2_str	BOBJ1	350.7	Before	Interior Girder 2	125.7	0.95	1	1	4.757388
Type 3S2_str	BOBJ1	350.7	Before	Right Exterior Girder	125.7	0.95	1	1	5.276362
Type 3S2_str	BOBJ1	350.7	After	Left Exterior Girder	125.7	0.95	1	1	5.269577
Type 3S2_str	BOBJ1	350.7	After	Interior Girder 1	125.7	0.95	1	1	4.761801
Type 3S2_str	BOBJ1	350.7	After	Interior Girder 2	125.7	0.95	1	1	4.761801
Type 3S2_str	BOBJ1	350.7	After	Right Exterior Girder	125.7	0.95	1	1	5.269577
Type 3S2_str	BOBJ1	362.1	Before	Left Exterior Girder	137.1	0.95	1	1	4.669435
Type 3S2_str	BOBJ1	362.1	Before	Interior Girder 1	137.1	0.95	1	1	4.281925
Type 3S2_str	BOBJ1	362.1	Before	Interior Girder 2	137.1	0.95	1	1	4.281926
Type 3S2_str	BOBJ1	362.1	Before	Right Exterior Girder	137.1	0.95	1	1	4.669435
Type 3S2_str	BOBJ1	362.1	After	Left Exterior Girder	137.1	0.95	1	1	4.690096
Type 3S2_str	BOBJ1	362.1	After	Interior Girder 1	137.1	0.95	1	1	4.294513
Type 3S2_str	BOBJ1	362.1	After	Interior Girder 2	137.1	0.95	1	1	4.294513
Type 3S2_str	BOBJ1	362.1	After	Right Exterior Girder	137.1	0.95	1	1	4.690096
Type 3S2_str	BOBJ1	373.55	Before	Left Exterior Girder	148.55	0.95	1	1	4.389951
Type 3S2_str	BOBJ1	373.55	Before	Interior Girder 1	148.55	0.95	1	1	3.990668
Type 3S2_str	BOBJ1	373.55	Before	Interior Girder 2	148.55	0.95	1	1	3.990668
Type 3S2_str	BOBJ1	373.55	Before	Right Exterior Girder	148.55	0.95	1	1	4.389951
Type 3S2_str	BOBJ1	373.55	After	Left Exterior Girder	148.55	0.95	1	1	4.385329
Type 3S2_str	BOBJ1	373.55	After	Interior Girder 1	148.55	0.95	1	1	3.99434
Type 3S2_str	BOBJ1	373.55	After	Interior Girder 2	148.55	0.95	1	1	3.99434
Type 3S2_str	BOBJ1	373.55	After	Right Exterior Girder	148.55	0.95	1	1	4.385329
Type 3S2_str	BOBJ1	385	Before	Left Exterior Girder	160	0.95	1	1	4.272876
Type 3S2_str	BOBJ1	385	Before	Interior Girder 1	160	0.95	1	1	3.92929
Type 3S2_str	BOBJ1	385	Before	Interior Girder 2	160	0.95	1	1	3.92929
Type 3S2_str	BOBJ1	385	Before	Right Exterior Girder	160	0.95	1	1	4.272876
Type 3S2_str	BOBJ1	385	After	Left Exterior Girder	160	0.95	1	1	4.272876
Type 3S2_str	BOBJ1	385	After	Interior Girder 1	160	0.95	1	1	3.92929
Type 3S2_str	BOBJ1	385	After	Interior Girder 2	160	0.95	1	1	3.92929
Type 3S2_str	BOBJ1	385	After	Right Exterior Girder	160	0.95	1	1	4.272876

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelINonCompStrgth-Flx - Main Span Girders									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Type 3S2_str	BOBJ1	396.45	Before	Left Exterior Girder	171.45	0.95	1	1	4.385329
Type 3S2_str	BOBJ1	396.45	Before	Interior Girder 1	171.45	0.95	1	1	3.99434
Type 3S2_str	BOBJ1	396.45	Before	Interior Girder 2	171.45	0.95	1	1	3.99434
Type 3S2_str	BOBJ1	396.45	Before	Right Exterior Girder	171.45	0.95	1	1	4.385329
Type 3S2_str	BOBJ1	396.45	After	Left Exterior Girder	171.45	0.95	1	1	4.389951
Type 3S2_str	BOBJ1	396.45	After	Interior Girder 1	171.45	0.95	1	1	3.990668
Type 3S2_str	BOBJ1	396.45	After	Interior Girder 2	171.45	0.95	1	1	3.990668
Type 3S2_str	BOBJ1	396.45	After	Right Exterior Girder	171.45	0.95	1	1	4.389951
Type 3S2_str	BOBJ1	407.9	Before	Left Exterior Girder	182.9	0.95	1	1	4.690096
Type 3S2_str	BOBJ1	407.9	Before	Interior Girder 1	182.9	0.95	1	1	4.294513
Type 3S2_str	BOBJ1	407.9	Before	Interior Girder 2	182.9	0.95	1	1	4.294513
Type 3S2_str	BOBJ1	407.9	Before	Right Exterior Girder	182.9	0.95	1	1	4.690096
Type 3S2_str	BOBJ1	407.9	After	Left Exterior Girder	182.9	0.95	1	1	4.669434
Type 3S2_str	BOBJ1	407.9	After	Interior Girder 1	182.9	0.95	1	1	4.281925
Type 3S2_str	BOBJ1	407.9	After	Interior Girder 2	182.9	0.95	1	1	4.281925
Type 3S2_str	BOBJ1	407.9	After	Right Exterior Girder	182.9	0.95	1	1	4.669434
Type 3S2_str	BOBJ1	419.3	Before	Left Exterior Girder	194.3	0.95	1	1	5.269577
Type 3S2_str	BOBJ1	419.3	Before	Interior Girder 1	194.3	0.95	1	1	4.761801
Type 3S2_str	BOBJ1	419.3	Before	Interior Girder 2	194.3	0.95	1	1	4.761801
Type 3S2_str	BOBJ1	419.3	Before	Right Exterior Girder	194.3	0.95	1	1	5.269577
Type 3S2_str	BOBJ1	419.3	After	Left Exterior Girder	194.3	0.95	1	1	5.276362
Type 3S2_str	BOBJ1	419.3	After	Interior Girder 1	194.3	0.95	1	1	4.757388
Type 3S2_str	BOBJ1	419.3	After	Interior Girder 2	194.3	0.95	1	1	4.757387
Type 3S2_str	BOBJ1	419.3	After	Right Exterior Girder	194.3	0.95	1	1	5.276361
Type 3S2_str	BOBJ1	430.7	Before	Left Exterior Girder	205.7	0.95	1	1	6.160024
Type 3S2_str	BOBJ1	430.7	Before	Interior Girder 1	205.7	0.95	1	1	5.566044
Type 3S2_str	BOBJ1	430.7	Before	Interior Girder 2	205.7	0.95	1	1	5.566044
Type 3S2_str	BOBJ1	430.7	Before	Right Exterior Girder	205.7	0.95	1	1	6.160024
Type 3S2_str	BOBJ1	430.7	After	Left Exterior Girder	205.7	0.95	1	1	6.11901
Type 3S2_str	BOBJ1	430.7	After	Interior Girder 1	205.7	0.95	1	1	5.552876
Type 3S2_str	BOBJ1	430.7	After	Interior Girder 2	205.7	0.95	1	1	5.552876
Type 3S2_str	BOBJ1	430.7	After	Right Exterior Girder	205.7	0.95	1	1	6.119011
Type 3S2_str	BOBJ1	442.15	Before	Left Exterior Girder	217.0321	0.95	1	1	7.527076
Type 3S2_str	BOBJ1	442.15	Before	Interior Girder 1	217.0321	0.95	1	1	6.679504
Type 3S2_str	BOBJ1	442.15	Before	Interior Girder 2	217.0321	0.95	1	1	6.679504
Type 3S2_str	BOBJ1	442.15	Before	Right Exterior Girder	217.0321	0.95	1	1	7.527076
Type 3S2_str	BOBJ1	442.15	After	Left Exterior Girder	217.0321	0.95	1	1	3.903119
Type 3S2_str	BOBJ1	442.15	After	Interior Girder 1	217.0321	0.95	1	1	3.4004
Type 3S2_str	BOBJ1	442.15	After	Interior Girder 2	217.0321	0.95	1	1	3.4004
Type 3S2_str	BOBJ1	442.15	After	Right Exterior Girder	217.0321	0.95	1	1	3.903119
Type 3S2_str	BOBJ1	453.6	Before	Left Exterior Girder	228.6	0.95	1	1	5.480978
Type 3S2_str	BOBJ1	453.6	Before	Interior Girder 1	228.6	0.95	1	1	4.735065
Type 3S2_str	BOBJ1	453.6	Before	Interior Girder 2	228.6	0.95	1	1	4.735065
Type 3S2_str	BOBJ1	453.6	Before	Right Exterior Girder	228.6	0.95	1	1	5.480977
Type 3S2_str	BOBJ1	453.6	After	Left Exterior Girder	228.6	0.95	1	1	5.407774
Type 3S2_str	BOBJ1	453.6	After	Interior Girder 1	228.6	0.95	1	1	4.731789
Type 3S2_str	BOBJ1	453.6	After	Interior Girder 2	228.6	0.95	1	1	4.731789
Type 3S2_str	BOBJ1	453.6	After	Right Exterior Girder	228.6	0.95	1	1	5.407774
Type 3S2_str	BOBJ1	463.0439	Before	Left Exterior Girder	238.0439	0.95	1	1	7.389075
Type 3S2_str	BOBJ1	463.0439	Before	Interior Girder 1	238.0439	0.95	1	1	6.242438
Type 3S2_str	BOBJ1	463.0439	Before	Interior Girder 2	238.0439	0.95	1	1	6.242438
Type 3S2_str	BOBJ1	463.0439	Before	Right Exterior Girder	238.0439	0.95	1	1	7.389075
Type 3S2_str	BOBJ1	463.0439	After	Left Exterior Girder	238.0439	0.95	1	1	2.826313
Type 3S2_str	BOBJ1	463.0439	After	Interior Girder 1	238.0439	0.95	1	1	2.356515
Type 3S2_str	BOBJ1	463.0439	After	Interior Girder 2	238.0439	0.95	1	1	2.356515
Type 3S2_str	BOBJ1	463.0439	After	Right Exterior Girder	238.0439	0.95	1	1	2.826313
Type 3S2_str	BOBJ1	465	Before	Left Exterior Girder	240	0.95	1	1	3.203627
Type 3S2_str	BOBJ1	465	Before	Interior Girder 1	240	0.95	1	1	2.635164
Type 3S2_str	BOBJ1	465	Before	Interior Girder 2	240	0.95	1	1	2.635164
Type 3S2_str	BOBJ1	465	Before	Right Exterior Girder	240	0.95	1	1	3.203627
Type 3S2_str	BOBJ1	465	After	Left Exterior Girder	240	0.95	1	1	3.204919
Type 3S2_str	BOBJ1	465	After	Interior Girder 1	240	0.95	1	1	2.635771
Type 3S2_str	BOBJ1	465	After	Interior Girder 2	240	0.95	1	1	2.635771
Type 3S2_str	BOBJ1	465	After	Right Exterior Girder	240	0.95	1	1	3.204919
Type 3S2_str	BOBJ1	476.4	Before	Left Exterior Girder	251.4	0.95	1	1	6.004222
Type 3S2_str	BOBJ1	476.4	Before	Interior Girder 1	251.4	0.95	1	1	4.804764
Type 3S2_str	BOBJ1	476.4	Before	Interior Girder 2	251.4	0.95	1	1	4.804765
Type 3S2_str	BOBJ1	476.4	Before	Right Exterior Girder	251.4	0.95	1	1	6.004222

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelINonCompStrgth-Flx - Main Span Girders									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Type 3S2_str	BOBJ1	476.4	After	Left Exterior Girder	251.4	0.95	1	1	5.794715
Type 3S2_str	BOBJ1	476.4	After	Interior Girder 1	251.4	0.95	1	1	4.712661
Type 3S2_str	BOBJ1	476.4	After	Interior Girder 2	251.4	0.95	1	1	4.712661
Type 3S2_str	BOBJ1	476.4	After	Right Exterior Girder	251.4	0.95	1	1	5.794715
Type 3S2_str	BOBJ1	487.85	Before	Left Exterior Girder	262.85	0.95	1	1	6.920386
Type 3S2_str	BOBJ1	487.85	Before	Interior Girder 1	262.85	0.95	1	1	6.803824
Type 3S2_str	BOBJ1	487.85	Before	Interior Girder 2	262.85	0.95	1	1	6.803824
Type 3S2_str	BOBJ1	487.85	Before	Right Exterior Girder	262.85	0.95	1	1	6.920386
Type 3S2_str	BOBJ1	487.85	After	Left Exterior Girder	262.85	0.95	1	1	6.930965
Type 3S2_str	BOBJ1	487.85	After	Interior Girder 1	262.85	0.95	1	1	6.79314
Type 3S2_str	BOBJ1	487.85	After	Interior Girder 2	262.85	0.95	1	1	6.79314
Type 3S2_str	BOBJ1	487.85	After	Right Exterior Girder	262.85	0.95	1	1	6.930965
Type 3S2_str	BOBJ1	496.3126	Before	Left Exterior Girder	271.3126	0.95	1	1	4.43391
Type 3S2_str	BOBJ1	496.3126	Before	Interior Girder 1	271.3126	0.95	1	1	4.334429
Type 3S2_str	BOBJ1	496.3126	Before	Interior Girder 2	271.3126	0.95	1	1	4.334429
Type 3S2_str	BOBJ1	496.3126	Before	Right Exterior Girder	271.3126	0.95	1	1	4.43391
Type 3S2_str	BOBJ1	496.3126	After	Left Exterior Girder	271.3126	0.95	1	1	10.949098
Type 3S2_str	BOBJ1	496.3126	After	Interior Girder 1	271.3126	0.95	1	1	10.451412
Type 3S2_str	BOBJ1	496.3126	After	Interior Girder 2	271.3126	0.95	1	1	10.451412
Type 3S2_str	BOBJ1	496.3126	After	Right Exterior Girder	271.3126	0.95	1	1	10.949098
Type 3S2_str	BOBJ1	499.3	Before	Left Exterior Girder	274.3	0.95	1	1	9.990542
Type 3S2_str	BOBJ1	499.3	Before	Interior Girder 1	274.3	0.95	1	1	9.495425
Type 3S2_str	BOBJ1	499.3	Before	Interior Girder 2	274.3	0.95	1	1	9.495425
Type 3S2_str	BOBJ1	499.3	Before	Right Exterior Girder	274.3	0.95	1	1	9.990542
Type 3S2_str	BOBJ1	499.3	After	Left Exterior Girder	274.3	0.95	1	1	8.520871
Type 3S2_str	BOBJ1	499.3	After	Interior Girder 1	274.3	0.95	1	1	8.102919
Type 3S2_str	BOBJ1	499.3	After	Interior Girder 2	274.3	0.95	1	1	8.102919
Type 3S2_str	BOBJ1	499.3	After	Right Exterior Girder	274.3	0.95	1	1	8.520871
Type 3S2_str	BOBJ1	503.8969	Before	Left Exterior Girder	278.8969	0.95	1	1	7.108759
Type 3S2_str	BOBJ1	503.8969	Before	Interior Girder 1	278.8969	0.95	1	1	6.690413
Type 3S2_str	BOBJ1	503.8969	Before	Interior Girder 2	278.8969	0.95	1	1	6.690413
Type 3S2_str	BOBJ1	503.8969	Before	Right Exterior Girder	278.8969	0.95	1	1	7.108759
Type 3S2_str	BOBJ1	503.8969	After	Left Exterior Girder	278.8969	0.95	1	1	13.72863
Type 3S2_str	BOBJ1	503.8969	After	Interior Girder 1	278.8969	0.95	1	1	12.902998
Type 3S2_str	BOBJ1	503.8969	After	Interior Girder 2	278.8969	0.95	1	1	12.902997
Type 3S2_str	BOBJ1	503.8969	After	Right Exterior Girder	278.8969	0.95	1	1	13.72863
Type 3S2_str	BOBJ1	510.7	Before	Left Exterior Girder	285.7	0.95	1	1	11.484645
Type 3S2_str	BOBJ1	510.7	Before	Interior Girder 1	285.7	0.95	1	1	10.623344
Type 3S2_str	BOBJ1	510.7	Before	Interior Girder 2	285.7	0.95	1	1	10.623344
Type 3S2_str	BOBJ1	510.7	Before	Right Exterior Girder	285.7	0.95	1	1	11.484645
Type 3S2_str	BOBJ1	510.7	After	Left Exterior Girder	285.7	0.95	1	1	11.492802
Type 3S2_str	BOBJ1	510.7	After	Interior Girder 1	285.7	0.95	1	1	10.616089
Type 3S2_str	BOBJ1	510.7	After	Interior Girder 2	285.7	0.95	1	1	10.616088
Type 3S2_str	BOBJ1	510.7	After	Right Exterior Girder	285.7	0.95	1	1	11.492802
Type 3S2_str	BOBJ1	511.4811	Before	Left Exterior Girder	286.4811	0.95	1	1	11.229444
Type 3S2_str	BOBJ1	511.4811	Before	Interior Girder 1	286.4811	0.95	1	1	10.364669
Type 3S2_str	BOBJ1	511.4811	Before	Interior Girder 2	286.4811	0.95	1	1	10.364668
Type 3S2_str	BOBJ1	511.4811	Before	Right Exterior Girder	286.4811	0.95	1	1	11.229444
Type 3S2_str	BOBJ1	511.4811	After	Left Exterior Girder	286.4811	0.95	1	1	16.553665
Type 3S2_str	BOBJ1	511.4811	After	Interior Girder 1	286.4811	0.95	1	1	15.396392
Type 3S2_str	BOBJ1	511.4811	After	Interior Girder 2	286.4811	0.95	1	1	15.396392
Type 3S2_str	BOBJ1	511.4811	After	Right Exterior Girder	286.4811	0.95	1	1	16.553665
Type 3S2_str	BOBJ1	522.1	Before	Left Exterior Girder	297.1	0.95	1	1	11.490659
Type 3S2_str	BOBJ1	522.1	Before	Interior Girder 1	297.1	0.95	1	1	11.665298
Type 3S2_str	BOBJ1	522.1	Before	Interior Girder 2	297.1	0.95	1	1	11.665297
Type 3S2_str	BOBJ1	522.1	Before	Right Exterior Girder	297.1	0.95	1	1	11.490659
Type 3S2_str	BOBJ1	522.1	After	Left Exterior Girder	297.1	0.95	1	1	11.810238
Type 3S2_str	BOBJ1	522.1	After	Interior Girder 1	297.1	0.95	1	1	11.673472
Type 3S2_str	BOBJ1	522.1	After	Interior Girder 2	297.1	0.95	1	1	11.673472
Type 3S2_str	BOBJ1	522.1	After	Right Exterior Girder	297.1	0.95	1	1	11.810238
Type 3S2_str	BOBJ1	530.4918	Before	Left Exterior Girder	305.4918	0.95	1	1	7.72469
Type 3S2_str	BOBJ1	530.4918	Before	Interior Girder 1	305.4918	0.95	1	1	7.720583
Type 3S2_str	BOBJ1	530.4918	Before	Interior Girder 2	305.4918	0.95	1	1	7.720584
Type 3S2_str	BOBJ1	530.4918	Before	Right Exterior Girder	305.4918	0.95	1	1	7.72469
Type 3S2_str	BOBJ1	530.4918	After	Left Exterior Girder	305.4918	0.95	1	1	11.767155
Type 3S2_str	BOBJ1	530.4918	After	Interior Girder 1	305.4918	0.95	1	1	11.757146
Type 3S2_str	BOBJ1	530.4918	After	Interior Girder 2	305.4918	0.95	1	1	11.757147
Type 3S2_str	BOBJ1	530.4918	After	Right Exterior Girder	305.4918	0.95	1	1	11.767154

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelINonCompStrgth-Flx - Main Span Girders									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Type 3S2_str	BOBJ1	533.55	Before	Left Exterior Girder	308.55	0.95	1	1	10.242974
Type 3S2_str	BOBJ1	533.55	Before	Interior Girder 1	308.55	0.95	1	1	10.18252
Type 3S2_str	BOBJ1	533.55	Before	Interior Girder 2	308.55	0.95	1	1	10.182521
Type 3S2_str	BOBJ1	533.55	Before	Right Exterior Girder	308.55	0.95	1	1	10.242973
Type 3S2_str	BOBJ1	533.55	After	Left Exterior Girder	308.55	0.95	1	1	10.22153
Type 3S2_str	BOBJ1	533.55	After	Interior Girder 1	308.55	0.95	1	1	10.177404
Type 3S2_str	BOBJ1	533.55	After	Interior Girder 2	308.55	0.95	1	1	10.177405
Type 3S2_str	BOBJ1	533.55	After	Right Exterior Girder	308.55	0.95	1	1	10.221529
Type 3S2_str	BOBJ1	545	Before	Left Exterior Girder	320	0.95	1	1	5.749059
Type 3S2_str	BOBJ1	545	Before	Interior Girder 1	320	0.95	1	1	5.324247
Type 3S2_str	BOBJ1	545	Before	Interior Girder 2	320	0.95	1	1	5.324247
Type 3S2_str	BOBJ1	545	Before	Right Exterior Girder	320	0.95	1	1	5.749059
Type 3S2_str	BOBJ1	545	After	Left Exterior Girder	0	0.95	1	1	6.138656
Type 3S2_str	BOBJ1	545	After	Interior Girder 1	0	0.95	1	1	5.536618
Type 3S2_str	BOBJ1	545	After	Interior Girder 2	0	0.95	1	1	5.536618
Type 3S2_str	BOBJ1	545	After	Right Exterior Girder	0	0.95	1	1	6.138656
Type 3S2_str	BOBJ1	556.25	Before	Left Exterior Girder	11.25	0.95	1	1	10.160261
Type 3S2_str	BOBJ1	556.25	Before	Interior Girder 1	11.25	0.95	1	1	9.610958
Type 3S2_str	BOBJ1	556.25	Before	Interior Girder 2	11.25	0.95	1	1	9.610958
Type 3S2_str	BOBJ1	556.25	Before	Right Exterior Girder	11.25	0.95	1	1	10.160261
Type 3S2_str	BOBJ1	556.25	After	Left Exterior Girder	11.25	0.95	1	1	10.171449
Type 3S2_str	BOBJ1	556.25	After	Interior Girder 1	11.25	0.95	1	1	9.628215
Type 3S2_str	BOBJ1	556.25	After	Interior Girder 2	11.25	0.95	1	1	9.628215
Type 3S2_str	BOBJ1	556.25	After	Right Exterior Girder	11.25	0.95	1	1	10.171449
Type 3S2_str	BOBJ1	559.4358	Before	Left Exterior Girder	14.4358	0.95	1	1	11.424099
Type 3S2_str	BOBJ1	559.4358	Before	Interior Girder 1	14.4358	0.95	1	1	10.897773
Type 3S2_str	BOBJ1	559.4358	Before	Interior Girder 2	14.4358	0.95	1	1	10.897773
Type 3S2_str	BOBJ1	559.4358	Before	Right Exterior Girder	14.4358	0.95	1	1	11.424099
Type 3S2_str	BOBJ1	559.4358	After	Left Exterior Girder	14.4358	0.95	1	1	7.429607
Type 3S2_str	BOBJ1	559.4358	After	Interior Girder 1	14.4358	0.95	1	1	7.067001
Type 3S2_str	BOBJ1	559.4358	After	Interior Girder 2	14.4358	0.95	1	1	7.067001
Type 3S2_str	BOBJ1	559.4358	After	Right Exterior Girder	14.4358	0.95	1	1	7.429607
Type 3S2_str	BOBJ1	567.5	Before	Left Exterior Girder	22.5	0.95	1	1	10.229756
Type 3S2_str	BOBJ1	567.5	Before	Interior Girder 1	22.5	0.95	1	1	9.351691
Type 3S2_str	BOBJ1	567.5	Before	Interior Girder 2	22.5	0.95	1	1	9.351691
Type 3S2_str	BOBJ1	567.5	Before	Right Exterior Girder	22.5	0.95	1	1	10.229756
Type 3S2_str	BOBJ1	567.5	After	Left Exterior Girder	22.5	0.95	1	1	10.961588
Type 3S2_str	BOBJ1	567.5	After	Interior Girder 1	22.5	0.95	1	1	10.179555
Type 3S2_str	BOBJ1	567.5	After	Interior Girder 2	22.5	0.95	1	1	10.179555
Type 3S2_str	BOBJ1	567.5	After	Right Exterior Girder	22.5	0.95	1	1	10.961588
Type 3S2_str	BOBJ1	570.0586	Before	Left Exterior Girder	25.0586	0.95	1	1	11.962557
Type 3S2_str	BOBJ1	570.0586	Before	Interior Girder 1	25.0586	0.95	1	1	10.866067
Type 3S2_str	BOBJ1	570.0586	Before	Interior Girder 2	25.0586	0.95	1	1	10.866067
Type 3S2_str	BOBJ1	570.0586	Before	Right Exterior Girder	25.0586	0.95	1	1	11.962556
Type 3S2_str	BOBJ1	570.0586	After	Left Exterior Girder	25.0586	0.95	1	1	7.152542
Type 3S2_str	BOBJ1	570.0586	After	Interior Girder 1	25.0586	0.95	1	1	6.484077
Type 3S2_str	BOBJ1	570.0586	After	Interior Girder 2	25.0586	0.95	1	1	6.484077
Type 3S2_str	BOBJ1	570.0586	After	Right Exterior Girder	25.0586	0.95	1	1	7.152542
Type 3S2_str	BOBJ1	578.75	Before	Left Exterior Girder	33.75	0.95	1	1	9.383673
Type 3S2_str	BOBJ1	578.75	Before	Interior Girder 1	33.75	0.95	1	1	8.644637
Type 3S2_str	BOBJ1	578.75	Before	Interior Girder 2	33.75	0.95	1	1	8.644637
Type 3S2_str	BOBJ1	578.75	Before	Right Exterior Girder	33.75	0.95	1	1	9.383673
Type 3S2_str	BOBJ1	578.75	After	Left Exterior Girder	33.75	0.95	1	1	9.361022
Type 3S2_str	BOBJ1	578.75	After	Interior Girder 1	33.75	0.95	1	1	8.661475
Type 3S2_str	BOBJ1	578.75	After	Interior Girder 2	33.75	0.95	1	1	8.661475
Type 3S2_str	BOBJ1	578.75	After	Right Exterior Girder	33.75	0.95	1	1	9.361022
Type 3S2_str	BOBJ1	586.8142	Before	Left Exterior Girder	41.8142	0.95	1	1	11.411363
Type 3S2_str	BOBJ1	586.8142	Before	Interior Girder 1	41.8142	0.95	1	1	10.7384
Type 3S2_str	BOBJ1	586.8142	Before	Interior Girder 2	41.8142	0.95	1	1	10.7384
Type 3S2_str	BOBJ1	586.8142	Before	Right Exterior Girder	41.8142	0.95	1	1	11.411363
Type 3S2_str	BOBJ1	586.8142	After	Left Exterior Girder	41.8142	0.95	1	1	5.30081
Type 3S2_str	BOBJ1	586.8142	After	Interior Girder 1	41.8142	0.95	1	1	4.983967
Type 3S2_str	BOBJ1	586.8142	After	Interior Girder 2	41.8142	0.95	1	1	4.983967
Type 3S2_str	BOBJ1	586.8142	After	Right Exterior Girder	41.8142	0.95	1	1	5.30081
Type 3S2_str	BOBJ1	590	Before	Left Exterior Girder	45	0.95	1	1	6.020069
Type 3S2_str	BOBJ1	590	Before	Interior Girder 1	45	0.95	1	1	5.70713
Type 3S2_str	BOBJ1	590	Before	Interior Girder 2	45	0.95	1	1	5.707129
Type 3S2_str	BOBJ1	590	Before	Right Exterior Girder	45	0.95	1	1	6.020069

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelNonCompStrgth-Flx - Main Span Girders									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Type 3S2_str	BOBJ1	590	After	Left Exterior Girder	45	0.95	1	1	3.904073
Type 3S2_str	BOBJ1	590	After	Interior Girder 1	45	0.95	1	1	3.728595
Type 3S2_str	BOBJ1	590	After	Interior Girder 2	45	0.95	1	1	3.728595
Type 3S2_str	BOBJ1	590	After	Right Exterior Girder	45	0.95	1	1	3.904073
Type 3S2_str	BOBJ1	601.25	Before	Left Exterior Girder	56.25	0.95	1	1	6.372099
Type 3S2_str	BOBJ1	601.25	Before	Interior Girder 1	56.25	0.95	1	1	6.179003
Type 3S2_str	BOBJ1	601.25	Before	Interior Girder 2	56.25	0.95	1	1	6.179003
Type 3S2_str	BOBJ1	601.25	Before	Right Exterior Girder	56.25	0.95	1	1	6.372099
Type 3S2_str	BOBJ1	601.25	After	Left Exterior Girder	56.25	0.95	1	1	6.358406
Type 3S2_str	BOBJ1	601.25	After	Interior Girder 1	56.25	0.95	1	1	6.191425
Type 3S2_str	BOBJ1	601.25	After	Interior Girder 2	56.25	0.95	1	1	6.191425
Type 3S2_str	BOBJ1	601.25	After	Right Exterior Girder	56.25	0.95	1	1	6.358406
Type 3S2_str	BOBJ1	601.7478	Before	Left Exterior Girder	56.7478	0.95	1	1	6.469972
Type 3S2_str	BOBJ1	601.7478	Before	Interior Girder 1	56.7478	0.95	1	1	6.303315
Type 3S2_str	BOBJ1	601.7478	Before	Interior Girder 2	56.7478	0.95	1	1	6.303315
Type 3S2_str	BOBJ1	601.7478	Before	Right Exterior Girder	56.7478	0.95	1	1	6.469972
Type 3S2_str	BOBJ1	601.7478	After	Left Exterior Girder	56.7478	0.95	1	1	2.056612
Type 3S2_str	BOBJ1	601.7478	After	Interior Girder 1	56.7478	0.95	1	1	2.025454
Type 3S2_str	BOBJ1	601.7478	After	Interior Girder 2	56.7478	0.95	1	1	2.025454
Type 3S2_str	BOBJ1	601.7478	After	Right Exterior Girder	56.7478	0.95	1	1	2.056612
Type 3S2_str	BOBJ1	612.5	Before	Left Exterior Girder	67.5	0.95	1	1	4.217422
Type 3S2_str	BOBJ1	612.5	Before	Interior Girder 1	67.5	0.95	1	1	4.178353
Type 3S2_str	BOBJ1	612.5	Before	Interior Girder 2	67.5	0.95	1	1	4.178353
Type 3S2_str	BOBJ1	612.5	Before	Right Exterior Girder	67.5	0.95	1	1	4.217422
Type 3S2_str	BOBJ1	612.5	After	Left Exterior Girder	67.5	0.95	1	1	5.935748
Type 3S2_str	BOBJ1	612.5	After	Interior Girder 1	67.5	0.95	1	1	5.91152
Type 3S2_str	BOBJ1	612.5	After	Interior Girder 2	67.5	0.95	1	1	5.91152
Type 3S2_str	BOBJ1	612.5	After	Right Exterior Girder	67.5	0.95	1	1	5.935748
Type 3S2_str	BOBJ1	623.75	Before	Left Exterior Girder	78.75	0.95	1	1	5.8478
Type 3S2_str	BOBJ1	623.75	Before	Interior Girder 1	78.75	0.95	1	1	4.99811
Type 3S2_str	BOBJ1	623.75	Before	Interior Girder 2	78.75	0.95	1	1	4.99811
Type 3S2_str	BOBJ1	623.75	Before	Right Exterior Girder	78.75	0.95	1	1	5.8478
Type 3S2_str	BOBJ1	623.75	After	Left Exterior Girder	78.75	0.95	1	1	5.851471
Type 3S2_str	BOBJ1	623.75	After	Interior Girder 1	78.75	0.95	1	1	4.99793
Type 3S2_str	BOBJ1	623.75	After	Interior Girder 2	78.75	0.95	1	1	4.99793
Type 3S2_str	BOBJ1	623.75	After	Right Exterior Girder	78.75	0.95	1	1	5.851471
Type 3S2_str	BOBJ1	635	Before	Left Exterior Girder	90	0.95	1	1	4.052615
Type 3S2_str	BOBJ1	635	Before	Interior Girder 1	90	0.95	1	1	3.633524
Type 3S2_str	BOBJ1	635	Before	Interior Girder 2	90	0.95	1	1	3.633524
Type 3S2_str	BOBJ1	635	Before	Right Exterior Girder	90	0.95	1	1	4.052615
Type 3S2_str	BOBJ1	635	After	Left Exterior Girder	90	0.95	1	1	4.126916
Type 3S2_str	BOBJ1	635	After	Interior Girder 1	90	0.95	1	1	3.655073
Type 3S2_str	BOBJ1	635	After	Interior Girder 2	90	0.95	1	1	3.655073
Type 3S2_str	BOBJ1	635	After	Right Exterior Girder	90	0.95	1	1	4.126916
Type 3S2_str	BOBJ1	643.5619	Before	Left Exterior Girder	98.5619	0.95	1	1	3.212024
Type 3S2_str	BOBJ1	643.5619	Before	Interior Girder 1	98.5619	0.95	1	1	2.874066
Type 3S2_str	BOBJ1	643.5619	Before	Interior Girder 2	98.5619	0.95	1	1	2.874065
Type 3S2_str	BOBJ1	643.5619	Before	Right Exterior Girder	98.5619	0.95	1	1	3.212024
Type 3S2_str	BOBJ1	643.5619	After	Left Exterior Girder	98.5619	0.95	1	1	6.07903
Type 3S2_str	BOBJ1	643.5619	After	Interior Girder 1	98.5619	0.95	1	1	5.432119
Type 3S2_str	BOBJ1	643.5619	After	Interior Girder 2	98.5619	0.95	1	1	5.432118
Type 3S2_str	BOBJ1	643.5619	After	Right Exterior Girder	98.5619	0.95	1	1	6.07903
Type 3S2_str	BOBJ1	646.25	Before	Left Exterior Girder	101.25	0.95	1	1	5.779221
Type 3S2_str	BOBJ1	646.25	Before	Interior Girder 1	101.25	0.95	1	1	5.187942
Type 3S2_str	BOBJ1	646.25	Before	Interior Girder 2	101.25	0.95	1	1	5.187942
Type 3S2_str	BOBJ1	646.25	Before	Right Exterior Girder	101.25	0.95	1	1	5.779221
Type 3S2_str	BOBJ1	646.25	After	Left Exterior Girder	101.25	0.95	1	1	5.776276
Type 3S2_str	BOBJ1	646.25	After	Interior Girder 1	101.25	0.95	1	1	5.193806
Type 3S2_str	BOBJ1	646.25	After	Interior Girder 2	101.25	0.95	1	1	5.193806
Type 3S2_str	BOBJ1	646.25	After	Right Exterior Girder	101.25	0.95	1	1	5.776276
Type 3S2_str	BOBJ1	657.5	Before	Left Exterior Girder	112.5	0.95	1	1	4.787168
Type 3S2_str	BOBJ1	657.5	Before	Interior Girder 1	112.5	0.95	1	1	4.421106
Type 3S2_str	BOBJ1	657.5	Before	Interior Girder 2	112.5	0.95	1	1	4.421106
Type 3S2_str	BOBJ1	657.5	Before	Right Exterior Girder	112.5	0.95	1	1	4.787168
Type 3S2_str	BOBJ1	657.5	After	Left Exterior Girder	112.5	0.95	1	1	4.817413
Type 3S2_str	BOBJ1	657.5	After	Interior Girder 1	112.5	0.95	1	1	4.431626
Type 3S2_str	BOBJ1	657.5	After	Interior Girder 2	112.5	0.95	1	1	4.431625
Type 3S2_str	BOBJ1	657.5	After	Right Exterior Girder	112.5	0.95	1	1	4.817413

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelINonCompStrgth-Flx - Main Span Girders									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Type 3S2_str	BOBJ1	668.75	Before	Left Exterior Girder	123.75	0.95	1	1	4.242716
Type 3S2_str	BOBJ1	668.75	Before	Interior Girder 1	123.75	0.95	1	1	3.89504
Type 3S2_str	BOBJ1	668.75	Before	Interior Girder 2	123.75	0.95	1	1	3.89504
Type 3S2_str	BOBJ1	668.75	Before	Right Exterior Girder	123.75	0.95	1	1	4.242715
Type 3S2_str	BOBJ1	668.75	After	Left Exterior Girder	123.75	0.95	1	1	4.245741
Type 3S2_str	BOBJ1	668.75	After	Interior Girder 1	123.75	0.95	1	1	3.900898
Type 3S2_str	BOBJ1	668.75	After	Interior Girder 2	123.75	0.95	1	1	3.900898
Type 3S2_str	BOBJ1	668.75	After	Right Exterior Girder	123.75	0.95	1	1	4.245741
Type 3S2_str	BOBJ1	680	Before	Left Exterior Girder	135	0.95	1	1	3.900097
Type 3S2_str	BOBJ1	680	Before	Interior Girder 1	135	0.95	1	1	3.640258
Type 3S2_str	BOBJ1	680	Before	Interior Girder 2	135	0.95	1	1	3.640259
Type 3S2_str	BOBJ1	680	Before	Right Exterior Girder	135	0.95	1	1	3.900096
Type 3S2_str	BOBJ1	680	After	Left Exterior Girder	135	0.95	1	1	3.896472
Type 3S2_str	BOBJ1	680	After	Interior Girder 1	135	0.95	1	1	3.633469
Type 3S2_str	BOBJ1	680	After	Interior Girder 2	135	0.95	1	1	3.633469
Type 3S2_str	BOBJ1	680	After	Right Exterior Girder	135	0.95	1	1	3.896471
Type 3S2_str	BOBJ1	691.25	Before	Left Exterior Girder	146.25	0.95	1	1	3.821406
Type 3S2_str	BOBJ1	691.25	Before	Interior Girder 1	146.25	0.95	1	1	3.526485
Type 3S2_str	BOBJ1	691.25	Before	Interior Girder 2	146.25	0.95	1	1	3.526485
Type 3S2_str	BOBJ1	691.25	Before	Right Exterior Girder	146.25	0.95	1	1	3.821405
Type 3S2_str	BOBJ1	691.25	After	Left Exterior Girder	146.25	0.95	1	1	3.825193
Type 3S2_str	BOBJ1	691.25	After	Interior Girder 1	146.25	0.95	1	1	3.525337
Type 3S2_str	BOBJ1	691.25	After	Interior Girder 2	146.25	0.95	1	1	3.525337
Type 3S2_str	BOBJ1	691.25	After	Right Exterior Girder	146.25	0.95	1	1	3.825193
Type 3S2_str	BOBJ1	702.5	Before	Left Exterior Girder	157.5	0.95	1	1	3.976686
Type 3S2_str	BOBJ1	702.5	Before	Interior Girder 1	157.5	0.95	1	1	3.679576
Type 3S2_str	BOBJ1	702.5	Before	Interior Girder 2	157.5	0.95	1	1	3.679576
Type 3S2_str	BOBJ1	702.5	Before	Right Exterior Girder	157.5	0.95	1	1	3.976686
Type 3S2_str	BOBJ1	702.5	After	Left Exterior Girder	157.5	0.95	1	1	3.938662
Type 3S2_str	BOBJ1	702.5	After	Interior Girder 1	157.5	0.95	1	1	3.663256
Type 3S2_str	BOBJ1	702.5	After	Interior Girder 2	157.5	0.95	1	1	3.663256
Type 3S2_str	BOBJ1	702.5	After	Right Exterior Girder	157.5	0.95	1	1	3.938661
Type 3S2_str	BOBJ1	713.75	Before	Left Exterior Girder	168.75	0.95	1	1	4.455063
Type 3S2_str	BOBJ1	713.75	Before	Interior Girder 1	168.75	0.95	1	1	4.010036
Type 3S2_str	BOBJ1	713.75	Before	Interior Girder 2	168.75	0.95	1	1	4.010036
Type 3S2_str	BOBJ1	713.75	Before	Right Exterior Girder	168.75	0.95	1	1	4.455063
Type 3S2_str	BOBJ1	713.75	After	Left Exterior Girder	168.75	0.95	1	1	4.455011
Type 3S2_str	BOBJ1	713.75	After	Interior Girder 1	168.75	0.95	1	1	4.00757
Type 3S2_str	BOBJ1	713.75	After	Interior Girder 2	168.75	0.95	1	1	4.00757
Type 3S2_str	BOBJ1	713.75	After	Right Exterior Girder	168.75	0.95	1	1	4.45501
Type 3S2_str	BOBJ1	725	Before	Left Exterior Girder	180	0.95	1	1	5.411136
Type 3S2_str	BOBJ1	725	Before	Interior Girder 1	180	0.95	1	1	4.756736
Type 3S2_str	BOBJ1	725	Before	Interior Girder 2	180	0.95	1	1	4.756736
Type 3S2_str	BOBJ1	725	Before	Right Exterior Girder	180	0.95	1	1	5.411136
Type 3S2_str	BOBJ1	725	After	Left Exterior Girder	180	0.95	1	1	5.340792
Type 3S2_str	BOBJ1	725	After	Interior Girder 1	180	0.95	1	1	4.796573
Type 3S2_str	BOBJ1	725	After	Interior Girder 2	180	0.95	1	1	4.796573
Type 3S2_str	BOBJ1	725	After	Right Exterior Girder	180	0.95	1	1	5.340792
Type 3S2_str	BOBJ1	731.1726	Before	Left Exterior Girder	186.1726	0.95	1	1	6.235437
Type 3S2_str	BOBJ1	731.1726	Before	Interior Girder 1	186.1726	0.95	1	1	5.385005
Type 3S2_str	BOBJ1	731.1726	Before	Interior Girder 2	186.1726	0.95	1	1	5.385005
Type 3S2_str	BOBJ1	731.1726	Before	Right Exterior Girder	186.1726	0.95	1	1	6.235437
Type 3S2_str	BOBJ1	731.1726	After	Left Exterior Girder	186.1726	0.95	1	1	2.677584
Type 3S2_str	BOBJ1	731.1726	After	Interior Girder 1	186.1726	0.95	1	1	2.302473
Type 3S2_str	BOBJ1	731.1726	After	Interior Girder 2	186.1726	0.95	1	1	2.302473
Type 3S2_str	BOBJ1	731.1726	After	Right Exterior Girder	186.1726	0.95	1	1	2.677584
Type 3S2_str	BOBJ1	736.25	Before	Left Exterior Girder	191.25	0.95	1	1	3.303601
Type 3S2_str	BOBJ1	736.25	Before	Interior Girder 1	191.25	0.95	1	1	2.740641
Type 3S2_str	BOBJ1	736.25	Before	Interior Girder 2	191.25	0.95	1	1	2.740641
Type 3S2_str	BOBJ1	736.25	Before	Right Exterior Girder	191.25	0.95	1	1	3.303601
Type 3S2_str	BOBJ1	736.25	After	Left Exterior Girder	191.25	0.95	1	1	3.294649
Type 3S2_str	BOBJ1	736.25	After	Interior Girder 1	191.25	0.95	1	1	2.739822
Type 3S2_str	BOBJ1	736.25	After	Interior Girder 2	191.25	0.95	1	1	2.739822
Type 3S2_str	BOBJ1	736.25	After	Right Exterior Girder	191.25	0.95	1	1	3.294649
Type 3S2_str	BOBJ1	747.5	Before	Left Exterior Girder	202.5	0.95	1	1	5.746672
Type 3S2_str	BOBJ1	747.5	Before	Interior Girder 1	202.5	0.95	1	1	4.536436
Type 3S2_str	BOBJ1	747.5	Before	Interior Girder 2	202.5	0.95	1	1	4.536436
Type 3S2_str	BOBJ1	747.5	Before	Right Exterior Girder	202.5	0.95	1	1	5.746672

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelNonCompStrgth-Flx - Main Span Girders									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Type 3S2_str	BOBJ1	747.5	After	Left Exterior Girder	202.5	0.95	1	1	5.513239
Type 3S2_str	BOBJ1	747.5	After	Interior Girder 1	202.5	0.95	1	1	4.484756
Type 3S2_str	BOBJ1	747.5	After	Interior Girder 2	202.5	0.95	1	1	4.484756
Type 3S2_str	BOBJ1	747.5	After	Right Exterior Girder	202.5	0.95	1	1	5.513237
Type 3S2_str	BOBJ1	758.75	Before	Left Exterior Girder	213.75	0.95	1	1	13.063859
Type 3S2_str	BOBJ1	758.75	Before	Interior Girder 1	213.75	0.95	1	1	9.390766
Type 3S2_str	BOBJ1	758.75	Before	Interior Girder 2	213.75	0.95	1	1	9.390767
Type 3S2_str	BOBJ1	758.75	Before	Right Exterior Girder	213.75	0.95	1	1	13.063855
Type 3S2_str	BOBJ1	758.75	After	Left Exterior Girder	213.75	0.95	1	1	13.002634
Type 3S2_str	BOBJ1	758.75	After	Interior Girder 1	213.75	0.95	1	1	9.253175
Type 3S2_str	BOBJ1	758.75	After	Interior Girder 2	213.75	0.95	1	1	9.253175
Type 3S2_str	BOBJ1	758.75	After	Right Exterior Girder	213.75	0.95	1	1	13.00263
Type 3S2_str	BOBJ1	770	Before	Left Exterior Girder	225	0.95	1	1	256.256395
Type 3S2_str	BOBJ1	770	Before	Interior Girder 1	225	0.95	1	1	216.300288
Type 3S2_str	BOBJ1	770	Before	Interior Girder 2	225	0.95	1	1	216.299519
Type 3S2_str	BOBJ1	770	Before	Right Exterior Girder	225	0.95	1	1	256.257679
Type 3-3_str	BOBJ1	0	After	Left Exterior Girder	0	0.95	1	1	234.351177
Type 3-3_str	BOBJ1	0	After	Interior Girder 1	0	0.95	1	1	200.317799
Type 3-3_str	BOBJ1	0	After	Interior Girder 2	0	0.95	1	1	200.317582
Type 3-3_str	BOBJ1	0	After	Right Exterior Girder	0	0.95	1	1	234.351168
Type 3-3_str	BOBJ1	11.25	Before	Left Exterior Girder	11.25	0.95	1	1	12.162352
Type 3-3_str	BOBJ1	11.25	Before	Interior Girder 1	11.25	0.95	1	1	8.952926
Type 3-3_str	BOBJ1	11.25	Before	Interior Girder 2	11.25	0.95	1	1	8.952927
Type 3-3_str	BOBJ1	11.25	Before	Right Exterior Girder	11.25	0.95	1	1	12.162351
Type 3-3_str	BOBJ1	11.25	After	Left Exterior Girder	11.25	0.95	1	1	12.235451
Type 3-3_str	BOBJ1	11.25	After	Interior Girder 1	11.25	0.95	1	1	9.08085
Type 3-3_str	BOBJ1	11.25	After	Interior Girder 2	11.25	0.95	1	1	9.080851
Type 3-3_str	BOBJ1	11.25	After	Right Exterior Girder	11.25	0.95	1	1	12.235451
Type 3-3_str	BOBJ1	22.5	Before	Left Exterior Girder	22.5	0.95	1	1	5.148764
Type 3-3_str	BOBJ1	22.5	Before	Interior Girder 1	22.5	0.95	1	1	4.322241
Type 3-3_str	BOBJ1	22.5	Before	Interior Girder 2	22.5	0.95	1	1	4.322241
Type 3-3_str	BOBJ1	22.5	Before	Right Exterior Girder	22.5	0.95	1	1	5.148764
Type 3-3_str	BOBJ1	22.5	After	Left Exterior Girder	22.5	0.95	1	1	5.37159
Type 3-3_str	BOBJ1	22.5	After	Interior Girder 1	22.5	0.95	1	1	4.368006
Type 3-3_str	BOBJ1	22.5	After	Interior Girder 2	22.5	0.95	1	1	4.368007
Type 3-3_str	BOBJ1	22.5	After	Right Exterior Girder	22.5	0.95	1	1	5.37159
Type 3-3_str	BOBJ1	33.75	Before	Left Exterior Girder	33.75	0.95	1	1	3.075624
Type 3-3_str	BOBJ1	33.75	Before	Interior Girder 1	33.75	0.95	1	1	2.664288
Type 3-3_str	BOBJ1	33.75	Before	Interior Girder 2	33.75	0.95	1	1	2.664288
Type 3-3_str	BOBJ1	33.75	Before	Right Exterior Girder	33.75	0.95	1	1	3.075624
Type 3-3_str	BOBJ1	33.75	After	Left Exterior Girder	33.75	0.95	1	1	3.084738
Type 3-3_str	BOBJ1	33.75	After	Interior Girder 1	33.75	0.95	1	1	2.664847
Type 3-3_str	BOBJ1	33.75	After	Interior Girder 2	33.75	0.95	1	1	2.664847
Type 3-3_str	BOBJ1	33.75	After	Right Exterior Girder	33.75	0.95	1	1	3.084738
Type 3-3_str	BOBJ1	38.8274	Before	Left Exterior Girder	38.8274	0.95	1	1	2.509388
Type 3-3_str	BOBJ1	38.8274	Before	Interior Girder 1	38.8274	0.95	1	1	2.24657
Type 3-3_str	BOBJ1	38.8274	Before	Interior Girder 2	38.8274	0.95	1	1	2.24657
Type 3-3_str	BOBJ1	38.8274	Before	Right Exterior Girder	38.8274	0.95	1	1	2.509388
Type 3-3_str	BOBJ1	38.8274	After	Left Exterior Girder	38.8274	0.95	1	1	5.845396
Type 3-3_str	BOBJ1	38.8274	After	Interior Girder 1	38.8274	0.95	1	1	5.25181
Type 3-3_str	BOBJ1	38.8274	After	Interior Girder 2	38.8274	0.95	1	1	5.25181
Type 3-3_str	BOBJ1	38.8274	After	Right Exterior Girder	38.8274	0.95	1	1	5.845396
Type 3-3_str	BOBJ1	45	Before	Left Exterior Girder	45	0.95	1	1	5.018256
Type 3-3_str	BOBJ1	45	Before	Interior Girder 1	45	0.95	1	1	4.66225
Type 3-3_str	BOBJ1	45	Before	Interior Girder 2	45	0.95	1	1	4.66225
Type 3-3_str	BOBJ1	45	Before	Right Exterior Girder	45	0.95	1	1	5.018256
Type 3-3_str	BOBJ1	45	After	Left Exterior Girder	45	0.95	1	1	5.099339
Type 3-3_str	BOBJ1	45	After	Interior Girder 1	45	0.95	1	1	4.645239
Type 3-3_str	BOBJ1	45	After	Interior Girder 2	45	0.95	1	1	4.645239
Type 3-3_str	BOBJ1	45	After	Right Exterior Girder	45	0.95	1	1	5.099339
Type 3-3_str	BOBJ1	56.25	Before	Left Exterior Girder	56.25	0.95	1	1	4.200558
Type 3-3_str	BOBJ1	56.25	Before	Interior Girder 1	56.25	0.95	1	1	3.899017
Type 3-3_str	BOBJ1	56.25	Before	Interior Girder 2	56.25	0.95	1	1	3.899016
Type 3-3_str	BOBJ1	56.25	Before	Right Exterior Girder	56.25	0.95	1	1	4.200558
Type 3-3_str	BOBJ1	56.25	After	Left Exterior Girder	56.25	0.95	1	1	4.200678
Type 3-3_str	BOBJ1	56.25	After	Interior Girder 1	56.25	0.95	1	1	3.896677
Type 3-3_str	BOBJ1	56.25	After	Interior Girder 2	56.25	0.95	1	1	3.896676
Type 3-3_str	BOBJ1	56.25	After	Right Exterior Girder	56.25	0.95	1	1	4.200678

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelINonCompStrgth-Flx - Main Span Girders									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Type 3-3_str	BOBJ1	67.5	Before	Left Exterior Girder	67.5	0.95	1	1	3.7133
Type 3-3_str	BOBJ1	67.5	Before	Interior Girder 1	67.5	0.95	1	1	3.519219
Type 3-3_str	BOBJ1	67.5	Before	Interior Girder 2	67.5	0.95	1	1	3.519219
Type 3-3_str	BOBJ1	67.5	Before	Right Exterior Girder	67.5	0.95	1	1	3.7133
Type 3-3_str	BOBJ1	67.5	After	Left Exterior Girder	67.5	0.95	1	1	3.753093
Type 3-3_str	BOBJ1	67.5	After	Interior Girder 1	67.5	0.95	1	1	3.529383
Type 3-3_str	BOBJ1	67.5	After	Interior Girder 2	67.5	0.95	1	1	3.529383
Type 3-3_str	BOBJ1	67.5	After	Right Exterior Girder	67.5	0.95	1	1	3.753093
Type 3-3_str	BOBJ1	78.75	Before	Left Exterior Girder	78.75	0.95	1	1	3.592528
Type 3-3_str	BOBJ1	78.75	Before	Interior Girder 1	78.75	0.95	1	1	3.369507
Type 3-3_str	BOBJ1	78.75	Before	Interior Girder 2	78.75	0.95	1	1	3.369506
Type 3-3_str	BOBJ1	78.75	Before	Right Exterior Girder	78.75	0.95	1	1	3.592528
Type 3-3_str	BOBJ1	78.75	After	Left Exterior Girder	78.75	0.95	1	1	3.591697
Type 3-3_str	BOBJ1	78.75	After	Interior Girder 1	78.75	0.95	1	1	3.366891
Type 3-3_str	BOBJ1	78.75	After	Interior Girder 2	78.75	0.95	1	1	3.36689
Type 3-3_str	BOBJ1	78.75	After	Right Exterior Girder	78.75	0.95	1	1	3.591698
Type 3-3_str	BOBJ1	90	Before	Left Exterior Girder	90	0.95	1	1	3.646756
Type 3-3_str	BOBJ1	90	Before	Interior Girder 1	90	0.95	1	1	3.454819
Type 3-3_str	BOBJ1	90	Before	Interior Girder 2	90	0.95	1	1	3.454818
Type 3-3_str	BOBJ1	90	Before	Right Exterior Girder	90	0.95	1	1	3.646756
Type 3-3_str	BOBJ1	90	After	Left Exterior Girder	90	0.95	1	1	3.649405
Type 3-3_str	BOBJ1	90	After	Interior Girder 1	90	0.95	1	1	3.45406
Type 3-3_str	BOBJ1	90	After	Interior Girder 2	90	0.95	1	1	3.45406
Type 3-3_str	BOBJ1	90	After	Right Exterior Girder	90	0.95	1	1	3.649405
Type 3-3_str	BOBJ1	101.25	Before	Left Exterior Girder	101.25	0.95	1	1	3.973841
Type 3-3_str	BOBJ1	101.25	Before	Interior Girder 1	101.25	0.95	1	1	3.711064
Type 3-3_str	BOBJ1	101.25	Before	Interior Girder 2	101.25	0.95	1	1	3.711064
Type 3-3_str	BOBJ1	101.25	Before	Right Exterior Girder	101.25	0.95	1	1	3.973841
Type 3-3_str	BOBJ1	101.25	After	Left Exterior Girder	101.25	0.95	1	1	3.969883
Type 3-3_str	BOBJ1	101.25	After	Interior Girder 1	101.25	0.95	1	1	3.710903
Type 3-3_str	BOBJ1	101.25	After	Interior Girder 2	101.25	0.95	1	1	3.710903
Type 3-3_str	BOBJ1	101.25	After	Right Exterior Girder	101.25	0.95	1	1	3.969883
Type 3-3_str	BOBJ1	112.5	Before	Left Exterior Girder	112.5	0.95	1	1	4.524572
Type 3-3_str	BOBJ1	112.5	Before	Interior Girder 1	112.5	0.95	1	1	4.223755
Type 3-3_str	BOBJ1	112.5	Before	Interior Girder 2	112.5	0.95	1	1	4.223756
Type 3-3_str	BOBJ1	112.5	Before	Right Exterior Girder	112.5	0.95	1	1	4.524572
Type 3-3_str	BOBJ1	112.5	After	Left Exterior Girder	112.5	0.95	1	1	4.498147
Type 3-3_str	BOBJ1	112.5	After	Interior Girder 1	112.5	0.95	1	1	4.223735
Type 3-3_str	BOBJ1	112.5	After	Interior Girder 2	112.5	0.95	1	1	4.223735
Type 3-3_str	BOBJ1	112.5	After	Right Exterior Girder	112.5	0.95	1	1	4.498147
Type 3-3_str	BOBJ1	123.75	Before	Left Exterior Girder	123.75	0.95	1	1	5.446709
Type 3-3_str	BOBJ1	123.75	Before	Interior Girder 1	123.75	0.95	1	1	4.978052
Type 3-3_str	BOBJ1	123.75	Before	Interior Girder 2	123.75	0.95	1	1	4.978052
Type 3-3_str	BOBJ1	123.75	Before	Right Exterior Girder	123.75	0.95	1	1	5.446709
Type 3-3_str	BOBJ1	123.75	After	Left Exterior Girder	123.75	0.95	1	1	5.446455
Type 3-3_str	BOBJ1	123.75	After	Interior Girder 1	123.75	0.95	1	1	4.976937
Type 3-3_str	BOBJ1	123.75	After	Interior Girder 2	123.75	0.95	1	1	4.976938
Type 3-3_str	BOBJ1	123.75	After	Right Exterior Girder	123.75	0.95	1	1	5.446455
Type 3-3_str	BOBJ1	126.4381	Before	Left Exterior Girder	126.4381	0.95	1	1	5.739251
Type 3-3_str	BOBJ1	126.4381	Before	Interior Girder 1	126.4381	0.95	1	1	5.215646
Type 3-3_str	BOBJ1	126.4381	Before	Interior Girder 2	126.4381	0.95	1	1	5.215647
Type 3-3_str	BOBJ1	126.4381	Before	Right Exterior Girder	126.4381	0.95	1	1	5.739251
Type 3-3_str	BOBJ1	126.4381	After	Left Exterior Girder	126.4381	0.95	1	1	3.032134
Type 3-3_str	BOBJ1	126.4381	After	Interior Girder 1	126.4381	0.95	1	1	2.760719
Type 3-3_str	BOBJ1	126.4381	After	Interior Girder 2	126.4381	0.95	1	1	2.760719
Type 3-3_str	BOBJ1	126.4381	After	Right Exterior Girder	126.4381	0.95	1	1	3.032134
Type 3-3_str	BOBJ1	135	Before	Left Exterior Girder	135	0.95	1	1	3.90571
Type 3-3_str	BOBJ1	135	Before	Interior Girder 1	135	0.95	1	1	3.510462
Type 3-3_str	BOBJ1	135	Before	Interior Girder 2	135	0.95	1	1	3.510462
Type 3-3_str	BOBJ1	135	Before	Right Exterior Girder	135	0.95	1	1	3.90571
Type 3-3_str	BOBJ1	135	After	Left Exterior Girder	135	0.95	1	1	3.833052
Type 3-3_str	BOBJ1	135	After	Interior Girder 1	135	0.95	1	1	3.49644
Type 3-3_str	BOBJ1	135	After	Interior Girder 2	135	0.95	1	1	3.49644
Type 3-3_str	BOBJ1	135	After	Right Exterior Girder	135	0.95	1	1	3.833052
Type 3-3_str	BOBJ1	146.25	Before	Left Exterior Girder	146.25	0.95	1	1	5.562311
Type 3-3_str	BOBJ1	146.25	Before	Interior Girder 1	146.25	0.95	1	1	4.830032
Type 3-3_str	BOBJ1	146.25	Before	Interior Girder 2	146.25	0.95	1	1	4.830032
Type 3-3_str	BOBJ1	146.25	Before	Right Exterior Girder	146.25	0.95	1	1	5.562311

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelINonCompStrgth-Flx - Main Span Girders									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Type 3-3_str	BOBJ1	146.25	After	Left Exterior Girder	146.25	0.95	1	1	5.557441
Type 3-3_str	BOBJ1	146.25	After	Interior Girder 1	146.25	0.95	1	1	4.834874
Type 3-3_str	BOBJ1	146.25	After	Interior Girder 2	146.25	0.95	1	1	4.834874
Type 3-3_str	BOBJ1	146.25	After	Right Exterior Girder	146.25	0.95	1	1	5.557441
Type 3-3_str	BOBJ1	157.5	Before	Left Exterior Girder	157.5	0.95	1	1	5.37604
Type 3-3_str	BOBJ1	157.5	Before	Interior Girder 1	157.5	0.95	1	1	5.35434
Type 3-3_str	BOBJ1	157.5	Before	Interior Girder 2	157.5	0.95	1	1	5.354339
Type 3-3_str	BOBJ1	157.5	Before	Right Exterior Girder	157.5	0.95	1	1	5.37604
Type 3-3_str	BOBJ1	157.5	After	Left Exterior Girder	157.5	0.95	1	1	3.819794
Type 3-3_str	BOBJ1	157.5	After	Interior Girder 1	157.5	0.95	1	1	3.784576
Type 3-3_str	BOBJ1	157.5	After	Interior Girder 2	157.5	0.95	1	1	3.784575
Type 3-3_str	BOBJ1	157.5	After	Right Exterior Girder	157.5	0.95	1	1	3.819794
Type 3-3_str	BOBJ1	168.2522	Before	Left Exterior Girder	168.2522	0.95	1	1	1.864917
Type 3-3_str	BOBJ1	168.2522	Before	Interior Girder 1	168.2522	0.95	1	1	1.831253
Type 3-3_str	BOBJ1	168.2522	Before	Interior Girder 2	168.2522	0.95	1	1	1.831253
Type 3-3_str	BOBJ1	168.2522	Before	Right Exterior Girder	168.2522	0.95	1	1	1.864917
Type 3-3_str	BOBJ1	168.2522	After	Left Exterior Girder	168.2522	0.95	1	1	5.864293
Type 3-3_str	BOBJ1	168.2522	After	Interior Girder 1	168.2522	0.95	1	1	5.703137
Type 3-3_str	BOBJ1	168.2522	After	Interior Girder 2	168.2522	0.95	1	1	5.703137
Type 3-3_str	BOBJ1	168.2522	After	Right Exterior Girder	168.2522	0.95	1	1	5.864293
Type 3-3_str	BOBJ1	168.75	Before	Left Exterior Girder	168.75	0.95	1	1	5.758869
Type 3-3_str	BOBJ1	168.75	Before	Interior Girder 1	168.75	0.95	1	1	5.607123
Type 3-3_str	BOBJ1	168.75	Before	Interior Girder 2	168.75	0.95	1	1	5.607123
Type 3-3_str	BOBJ1	168.75	Before	Right Exterior Girder	168.75	0.95	1	1	5.75887
Type 3-3_str	BOBJ1	168.75	After	Left Exterior Girder	168.75	0.95	1	1	5.771291
Type 3-3_str	BOBJ1	168.75	After	Interior Girder 1	168.75	0.95	1	1	5.59611
Type 3-3_str	BOBJ1	168.75	After	Interior Girder 2	168.75	0.95	1	1	5.59611
Type 3-3_str	BOBJ1	168.75	After	Right Exterior Girder	168.75	0.95	1	1	5.771291
Type 3-3_str	BOBJ1	180	Before	Left Exterior Girder	180	0.95	1	1	3.535862
Type 3-3_str	BOBJ1	180	Before	Interior Girder 1	180	0.95	1	1	3.376987
Type 3-3_str	BOBJ1	180	Before	Interior Girder 2	180	0.95	1	1	3.376987
Type 3-3_str	BOBJ1	180	Before	Right Exterior Girder	180	0.95	1	1	3.535862
Type 3-3_str	BOBJ1	180	After	Left Exterior Girder	180	0.95	1	1	4.879501
Type 3-3_str	BOBJ1	180	After	Interior Girder 1	180	0.95	1	1	4.673041
Type 3-3_str	BOBJ1	180	After	Interior Girder 2	180	0.95	1	1	4.673041
Type 3-3_str	BOBJ1	180	After	Right Exterior Girder	180	0.95	1	1	4.879501
Type 3-3_str	BOBJ1	183.1858	Before	Left Exterior Girder	183.1858	0.95	1	1	4.23252
Type 3-3_str	BOBJ1	183.1858	Before	Interior Girder 1	183.1858	0.95	1	1	4.033408
Type 3-3_str	BOBJ1	183.1858	Before	Interior Girder 2	183.1858	0.95	1	1	4.033408
Type 3-3_str	BOBJ1	183.1858	Before	Right Exterior Girder	183.1858	0.95	1	1	4.23252
Type 3-3_str	BOBJ1	183.1858	After	Left Exterior Girder	183.1858	0.95	1	1	9.46907
Type 3-3_str	BOBJ1	183.1858	After	Interior Girder 1	183.1858	0.95	1	1	8.994788
Type 3-3_str	BOBJ1	183.1858	After	Interior Girder 2	183.1858	0.95	1	1	8.994788
Type 3-3_str	BOBJ1	183.1858	After	Right Exterior Girder	183.1858	0.95	1	1	9.46907
Type 3-3_str	BOBJ1	191.25	Before	Left Exterior Girder	191.25	0.95	1	1	7.651314
Type 3-3_str	BOBJ1	191.25	Before	Interior Girder 1	191.25	0.95	1	1	7.146456
Type 3-3_str	BOBJ1	191.25	Before	Interior Girder 2	191.25	0.95	1	1	7.146456
Type 3-3_str	BOBJ1	191.25	Before	Right Exterior Girder	191.25	0.95	1	1	7.651315
Type 3-3_str	BOBJ1	191.25	After	Left Exterior Girder	191.25	0.95	1	1	7.672408
Type 3-3_str	BOBJ1	191.25	After	Interior Girder 1	191.25	0.95	1	1	7.130073
Type 3-3_str	BOBJ1	191.25	After	Interior Girder 2	191.25	0.95	1	1	7.130073
Type 3-3_str	BOBJ1	191.25	After	Right Exterior Girder	191.25	0.95	1	1	7.672409
Type 3-3_str	BOBJ1	199.9414	Before	Left Exterior Girder	199.9414	0.95	1	1	5.700315
Type 3-3_str	BOBJ1	199.9414	Before	Interior Girder 1	199.9414	0.95	1	1	5.21639
Type 3-3_str	BOBJ1	199.9414	Before	Interior Girder 2	199.9414	0.95	1	1	5.216391
Type 3-3_str	BOBJ1	199.9414	Before	Right Exterior Girder	199.9414	0.95	1	1	5.700315
Type 3-3_str	BOBJ1	199.9414	After	Left Exterior Girder	199.9414	0.95	1	1	9.832288
Type 3-3_str	BOBJ1	199.9414	After	Interior Girder 1	199.9414	0.95	1	1	8.993196
Type 3-3_str	BOBJ1	199.9414	After	Interior Girder 2	199.9414	0.95	1	1	8.993197
Type 3-3_str	BOBJ1	199.9414	After	Right Exterior Girder	199.9414	0.95	1	1	9.832288
Type 3-3_str	BOBJ1	202.5	Before	Left Exterior Girder	202.5	0.95	1	1	8.972481
Type 3-3_str	BOBJ1	202.5	Before	Interior Girder 1	202.5	0.95	1	1	8.380238
Type 3-3_str	BOBJ1	202.5	Before	Interior Girder 2	202.5	0.95	1	1	8.380238
Type 3-3_str	BOBJ1	202.5	Before	Right Exterior Girder	202.5	0.95	1	1	8.972481
Type 3-3_str	BOBJ1	202.5	After	Left Exterior Girder	202.5	0.95	1	1	9.287602
Type 3-3_str	BOBJ1	202.5	After	Interior Girder 1	202.5	0.95	1	1	8.472914
Type 3-3_str	BOBJ1	202.5	After	Interior Girder 2	202.5	0.95	1	1	8.472915
Type 3-3_str	BOBJ1	202.5	After	Right Exterior Girder	202.5	0.95	1	1	9.287602

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelINonCompStrgth-Flx - Main Span Girders									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Type 3-3_str	BOBJ1	210.5642	Before	Left Exterior Girder	210.5642	0.95	1	1	6.759338
Type 3-3_str	BOBJ1	210.5642	Before	Interior Girder 1	210.5642	0.95	1	1	6.425346
Type 3-3_str	BOBJ1	210.5642	Before	Interior Girder 2	210.5642	0.95	1	1	6.425346
Type 3-3_str	BOBJ1	210.5642	Before	Right Exterior Girder	210.5642	0.95	1	1	6.759338
Type 3-3_str	BOBJ1	210.5642	After	Left Exterior Girder	210.5642	0.95	1	1	10.393306
Type 3-3_str	BOBJ1	210.5642	After	Interior Girder 1	210.5642	0.95	1	1	9.909293
Type 3-3_str	BOBJ1	210.5642	After	Interior Girder 2	210.5642	0.95	1	1	9.909293
Type 3-3_str	BOBJ1	210.5642	After	Right Exterior Girder	210.5642	0.95	1	1	10.393306
Type 3-3_str	BOBJ1	213.75	Before	Left Exterior Girder	213.75	0.95	1	1	9.253315
Type 3-3_str	BOBJ1	213.75	Before	Interior Girder 1	213.75	0.95	1	1	8.791633
Type 3-3_str	BOBJ1	213.75	Before	Interior Girder 2	213.75	0.95	1	1	8.791633
Type 3-3_str	BOBJ1	213.75	Before	Right Exterior Girder	213.75	0.95	1	1	9.253315
Type 3-3_str	BOBJ1	213.75	After	Left Exterior Girder	213.75	0.95	1	1	9.243386
Type 3-3_str	BOBJ1	213.75	After	Interior Girder 1	213.75	0.95	1	1	8.777093
Type 3-3_str	BOBJ1	213.75	After	Interior Girder 2	213.75	0.95	1	1	8.777093
Type 3-3_str	BOBJ1	213.75	After	Right Exterior Girder	213.75	0.95	1	1	9.243386
Type 3-3_str	BOBJ1	225	Before	Left Exterior Girder	225	0.95	1	1	5.596442
Type 3-3_str	BOBJ1	225	Before	Interior Girder 1	225	0.95	1	1	5.065542
Type 3-3_str	BOBJ1	225	Before	Interior Girder 2	225	0.95	1	1	5.065542
Type 3-3_str	BOBJ1	225	Before	Right Exterior Girder	225	0.95	1	1	5.596442
Type 3-3_str	BOBJ1	225	After	Left Exterior Girder	0	0.95	1	1	5.216048
Type 3-3_str	BOBJ1	225	After	Interior Girder 1	0	0.95	1	1	4.864127
Type 3-3_str	BOBJ1	225	After	Interior Girder 2	0	0.95	1	1	4.864127
Type 3-3_str	BOBJ1	225	After	Right Exterior Girder	0	0.95	1	1	5.216047
Type 3-3_str	BOBJ1	236.45	Before	Left Exterior Girder	11.45	0.95	1	1	9.280952
Type 3-3_str	BOBJ1	236.45	Before	Interior Girder 1	11.45	0.95	1	1	9.274126
Type 3-3_str	BOBJ1	236.45	Before	Interior Girder 2	11.45	0.95	1	1	9.274127
Type 3-3_str	BOBJ1	236.45	Before	Right Exterior Girder	11.45	0.95	1	1	9.280951
Type 3-3_str	BOBJ1	236.45	After	Left Exterior Girder	11.45	0.95	1	1	9.300416
Type 3-3_str	BOBJ1	236.45	After	Interior Girder 1	11.45	0.95	1	1	9.278932
Type 3-3_str	BOBJ1	236.45	After	Interior Girder 2	11.45	0.95	1	1	9.278932
Type 3-3_str	BOBJ1	236.45	After	Right Exterior Girder	11.45	0.95	1	1	9.300416
Type 3-3_str	BOBJ1	239.5082	Before	Left Exterior Girder	14.5082	0.95	1	1	10.68464
Type 3-3_str	BOBJ1	239.5082	Before	Interior Girder 1	14.5082	0.95	1	1	10.706716
Type 3-3_str	BOBJ1	239.5082	Before	Interior Girder 2	14.5082	0.95	1	1	10.706717
Type 3-3_str	BOBJ1	239.5082	Before	Right Exterior Girder	14.5082	0.95	1	1	10.68464
Type 3-3_str	BOBJ1	239.5082	After	Left Exterior Girder	14.5082	0.95	1	1	7.014201
Type 3-3_str	BOBJ1	239.5082	After	Interior Girder 1	14.5082	0.95	1	1	7.03222
Type 3-3_str	BOBJ1	239.5082	After	Interior Girder 2	14.5082	0.95	1	1	7.032221
Type 3-3_str	BOBJ1	239.5082	After	Right Exterior Girder	14.5082	0.95	1	1	7.0142
Type 3-3_str	BOBJ1	247.9	Before	Left Exterior Girder	22.9	0.95	1	1	10.745486
Type 3-3_str	BOBJ1	247.9	Before	Interior Girder 1	22.9	0.95	1	1	10.640575
Type 3-3_str	BOBJ1	247.9	Before	Interior Girder 2	22.9	0.95	1	1	10.640575
Type 3-3_str	BOBJ1	247.9	Before	Right Exterior Girder	22.9	0.95	1	1	10.745486
Type 3-3_str	BOBJ1	247.9	After	Left Exterior Girder	22.9	0.95	1	1	10.453345
Type 3-3_str	BOBJ1	247.9	After	Interior Girder 1	22.9	0.95	1	1	10.645137
Type 3-3_str	BOBJ1	247.9	After	Interior Girder 2	22.9	0.95	1	1	10.645136
Type 3-3_str	BOBJ1	247.9	After	Right Exterior Girder	22.9	0.95	1	1	10.453345
Type 3-3_str	BOBJ1	258.5189	Before	Left Exterior Girder	33.5189	0.95	1	1	15.058863
Type 3-3_str	BOBJ1	258.5189	Before	Interior Girder 1	33.5189	0.95	1	1	14.038529
Type 3-3_str	BOBJ1	258.5189	Before	Interior Girder 2	33.5189	0.95	1	1	14.038529
Type 3-3_str	BOBJ1	258.5189	Before	Right Exterior Girder	33.5189	0.95	1	1	15.058863
Type 3-3_str	BOBJ1	258.5189	After	Left Exterior Girder	33.5189	0.95	1	1	10.240494
Type 3-3_str	BOBJ1	258.5189	After	Interior Girder 1	33.5189	0.95	1	1	9.451459
Type 3-3_str	BOBJ1	258.5189	After	Interior Girder 2	33.5189	0.95	1	1	9.451459
Type 3-3_str	BOBJ1	258.5189	After	Right Exterior Girder	33.5189	0.95	1	1	10.240494
Type 3-3_str	BOBJ1	259.3	Before	Left Exterior Girder	34.3	0.95	1	1	10.482218
Type 3-3_str	BOBJ1	259.3	Before	Interior Girder 1	34.3	0.95	1	1	9.686224
Type 3-3_str	BOBJ1	259.3	Before	Interior Girder 2	34.3	0.95	1	1	9.686224
Type 3-3_str	BOBJ1	259.3	Before	Right Exterior Girder	34.3	0.95	1	1	10.482218
Type 3-3_str	BOBJ1	259.3	After	Left Exterior Girder	34.3	0.95	1	1	10.47476
Type 3-3_str	BOBJ1	259.3	After	Interior Girder 1	34.3	0.95	1	1	9.693134
Type 3-3_str	BOBJ1	259.3	After	Interior Girder 2	34.3	0.95	1	1	9.693134
Type 3-3_str	BOBJ1	259.3	After	Right Exterior Girder	34.3	0.95	1	1	10.47476
Type 3-3_str	BOBJ1	266.1031	Before	Left Exterior Girder	41.1031	0.95	1	1	12.520964
Type 3-3_str	BOBJ1	266.1031	Before	Interior Girder 1	41.1031	0.95	1	1	11.770617
Type 3-3_str	BOBJ1	266.1031	Before	Interior Girder 2	41.1031	0.95	1	1	11.770617
Type 3-3_str	BOBJ1	266.1031	Before	Right Exterior Girder	41.1031	0.95	1	1	12.520964

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelINonCompStrgth-Flx - Main Span Girders									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Type 3-3_str	BOBJ1	266.1031	After	Left Exterior Girder	41.1031	0.95	1	1	6.48343
Type 3-3_str	BOBJ1	266.1031	After	Interior Girder 1	41.1031	0.95	1	1	6.104507
Type 3-3_str	BOBJ1	266.1031	After	Interior Girder 2	41.1031	0.95	1	1	6.104507
Type 3-3_str	BOBJ1	266.1031	After	Right Exterior Girder	41.1031	0.95	1	1	6.48343
Type 3-3_str	BOBJ1	270.7	Before	Left Exterior Girder	45.7	0.95	1	1	7.771322
Type 3-3_str	BOBJ1	270.7	Before	Interior Girder 1	45.7	0.95	1	1	7.392165
Type 3-3_str	BOBJ1	270.7	Before	Interior Girder 2	45.7	0.95	1	1	7.392165
Type 3-3_str	BOBJ1	270.7	Before	Right Exterior Girder	45.7	0.95	1	1	7.771322
Type 3-3_str	BOBJ1	270.7	After	Left Exterior Girder	45.7	0.95	1	1	9.111877
Type 3-3_str	BOBJ1	270.7	After	Interior Girder 1	45.7	0.95	1	1	8.661873
Type 3-3_str	BOBJ1	270.7	After	Interior Girder 2	45.7	0.95	1	1	8.661872
Type 3-3_str	BOBJ1	270.7	After	Right Exterior Girder	45.7	0.95	1	1	9.111877
Type 3-3_str	BOBJ1	273.6874	Before	Left Exterior Girder	48.6874	0.95	1	1	9.982592
Type 3-3_str	BOBJ1	273.6874	Before	Interior Girder 1	48.6874	0.95	1	1	9.524752
Type 3-3_str	BOBJ1	273.6874	Before	Interior Girder 2	48.6874	0.95	1	1	9.524752
Type 3-3_str	BOBJ1	273.6874	Before	Right Exterior Girder	48.6874	0.95	1	1	9.982592
Type 3-3_str	BOBJ1	273.6874	After	Left Exterior Girder	48.6874	0.95	1	1	4.296894
Type 3-3_str	BOBJ1	273.6874	After	Interior Girder 1	48.6874	0.95	1	1	4.131119
Type 3-3_str	BOBJ1	273.6874	After	Interior Girder 2	48.6874	0.95	1	1	4.131119
Type 3-3_str	BOBJ1	273.6874	After	Right Exterior Girder	48.6874	0.95	1	1	4.296894
Type 3-3_str	BOBJ1	282.15	Before	Left Exterior Girder	57.15	0.95	1	1	6.585186
Type 3-3_str	BOBJ1	282.15	Before	Interior Girder 1	57.15	0.95	1	1	6.387632
Type 3-3_str	BOBJ1	282.15	Before	Interior Girder 2	57.15	0.95	1	1	6.387632
Type 3-3_str	BOBJ1	282.15	Before	Right Exterior Girder	57.15	0.95	1	1	6.585185
Type 3-3_str	BOBJ1	282.15	After	Left Exterior Girder	57.15	0.95	1	1	6.575757
Type 3-3_str	BOBJ1	282.15	After	Interior Girder 1	57.15	0.95	1	1	6.397153
Type 3-3_str	BOBJ1	282.15	After	Interior Girder 2	57.15	0.95	1	1	6.397153
Type 3-3_str	BOBJ1	282.15	After	Right Exterior Girder	57.15	0.95	1	1	6.575757
Type 3-3_str	BOBJ1	293.6	Before	Left Exterior Girder	68.6	0.95	1	1	5.554973
Type 3-3_str	BOBJ1	293.6	Before	Interior Girder 1	68.6	0.95	1	1	4.58256
Type 3-3_str	BOBJ1	293.6	Before	Interior Girder 2	68.6	0.95	1	1	4.58256
Type 3-3_str	BOBJ1	293.6	Before	Right Exterior Girder	68.6	0.95	1	1	5.554973
Type 3-3_str	BOBJ1	293.6	After	Left Exterior Girder	68.6	0.95	1	1	5.760378
Type 3-3_str	BOBJ1	293.6	After	Interior Girder 1	68.6	0.95	1	1	4.672445
Type 3-3_str	BOBJ1	293.6	After	Interior Girder 2	68.6	0.95	1	1	4.672445
Type 3-3_str	BOBJ1	293.6	After	Right Exterior Girder	68.6	0.95	1	1	5.760378
Type 3-3_str	BOBJ1	305	Before	Left Exterior Girder	80	0.95	1	1	3.037216
Type 3-3_str	BOBJ1	305	Before	Interior Girder 1	80	0.95	1	1	2.5437
Type 3-3_str	BOBJ1	305	Before	Interior Girder 2	80	0.95	1	1	2.5437
Type 3-3_str	BOBJ1	305	Before	Right Exterior Girder	80	0.95	1	1	3.037216
Type 3-3_str	BOBJ1	305	After	Left Exterior Girder	80	0.95	1	1	3.037728
Type 3-3_str	BOBJ1	305	After	Interior Girder 1	80	0.95	1	1	2.543384
Type 3-3_str	BOBJ1	305	After	Interior Girder 2	80	0.95	1	1	2.543384
Type 3-3_str	BOBJ1	305	After	Right Exterior Girder	80	0.95	1	1	3.037728
Type 3-3_str	BOBJ1	306.9561	Before	Left Exterior Girder	81.9561	0.95	1	1	2.683475
Type 3-3_str	BOBJ1	306.9561	Before	Interior Girder 1	81.9561	0.95	1	1	2.273807
Type 3-3_str	BOBJ1	306.9561	Before	Interior Girder 2	81.9561	0.95	1	1	2.273807
Type 3-3_str	BOBJ1	306.9561	Before	Right Exterior Girder	81.9561	0.95	1	1	2.683475
Type 3-3_str	BOBJ1	306.9561	After	Left Exterior Girder	81.9561	0.95	1	1	7.018702
Type 3-3_str	BOBJ1	306.9561	After	Interior Girder 1	81.9561	0.95	1	1	6.02215
Type 3-3_str	BOBJ1	306.9561	After	Interior Girder 2	81.9561	0.95	1	1	6.02215
Type 3-3_str	BOBJ1	306.9561	After	Right Exterior Girder	81.9561	0.95	1	1	7.018702
Type 3-3_str	BOBJ1	316.4	Before	Left Exterior Girder	91.4	0.95	1	1	5.095236
Type 3-3_str	BOBJ1	316.4	Before	Interior Girder 1	91.4	0.95	1	1	4.538627
Type 3-3_str	BOBJ1	316.4	Before	Interior Girder 2	91.4	0.95	1	1	4.538627
Type 3-3_str	BOBJ1	316.4	Before	Right Exterior Girder	91.4	0.95	1	1	5.095236
Type 3-3_str	BOBJ1	316.4	After	Left Exterior Girder	91.4	0.95	1	1	5.172628
Type 3-3_str	BOBJ1	316.4	After	Interior Girder 1	91.4	0.95	1	1	4.54288
Type 3-3_str	BOBJ1	316.4	After	Interior Girder 2	91.4	0.95	1	1	4.54288
Type 3-3_str	BOBJ1	316.4	After	Right Exterior Girder	91.4	0.95	1	1	5.172628
Type 3-3_str	BOBJ1	327.85	Before	Left Exterior Girder	102.9679	0.95	1	1	3.668611
Type 3-3_str	BOBJ1	327.85	Before	Interior Girder 1	102.9679	0.95	1	1	3.254523
Type 3-3_str	BOBJ1	327.85	Before	Interior Girder 2	102.9679	0.95	1	1	3.254523
Type 3-3_str	BOBJ1	327.85	Before	Right Exterior Girder	102.9679	0.95	1	1	3.668611
Type 3-3_str	BOBJ1	327.85	After	Left Exterior Girder	102.9679	0.95	1	1	7.077775
Type 3-3_str	BOBJ1	327.85	After	Interior Girder 1	102.9679	0.95	1	1	6.388844
Type 3-3_str	BOBJ1	327.85	After	Interior Girder 2	102.9679	0.95	1	1	6.388844
Type 3-3_str	BOBJ1	327.85	After	Right Exterior Girder	102.9679	0.95	1	1	7.077774

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelINonCompStrgth-Flx - Main Span Girders									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Type 3-3_str	BOBJ1	339.3	Before	Left Exterior Girder	114.3	0.95	1	1	5.73166
Type 3-3_str	BOBJ1	339.3	Before	Interior Girder 1	114.3	0.95	1	1	5.293479
Type 3-3_str	BOBJ1	339.3	Before	Interior Girder 2	114.3	0.95	1	1	5.29348
Type 3-3_str	BOBJ1	339.3	Before	Right Exterior Girder	114.3	0.95	1	1	5.73166
Type 3-3_str	BOBJ1	339.3	After	Left Exterior Girder	114.3	0.95	1	1	5.774491
Type 3-3_str	BOBJ1	339.3	After	Interior Girder 1	114.3	0.95	1	1	5.298711
Type 3-3_str	BOBJ1	339.3	After	Interior Girder 2	114.3	0.95	1	1	5.298711
Type 3-3_str	BOBJ1	339.3	After	Right Exterior Girder	114.3	0.95	1	1	5.774491
Type 3-3_str	BOBJ1	350.7	Before	Left Exterior Girder	125.7	0.95	1	1	4.92404
Type 3-3_str	BOBJ1	350.7	Before	Interior Girder 1	125.7	0.95	1	1	4.517689
Type 3-3_str	BOBJ1	350.7	Before	Interior Girder 2	125.7	0.95	1	1	4.517689
Type 3-3_str	BOBJ1	350.7	Before	Right Exterior Girder	125.7	0.95	1	1	4.92404
Type 3-3_str	BOBJ1	350.7	After	Left Exterior Girder	125.7	0.95	1	1	4.92379
Type 3-3_str	BOBJ1	350.7	After	Interior Girder 1	125.7	0.95	1	1	4.518079
Type 3-3_str	BOBJ1	350.7	After	Interior Girder 2	125.7	0.95	1	1	4.518079
Type 3-3_str	BOBJ1	350.7	After	Right Exterior Girder	125.7	0.95	1	1	4.92379
Type 3-3_str	BOBJ1	362.1	Before	Left Exterior Girder	137.1	0.95	1	1	4.347672
Type 3-3_str	BOBJ1	362.1	Before	Interior Girder 1	137.1	0.95	1	1	4.046026
Type 3-3_str	BOBJ1	362.1	Before	Interior Girder 2	137.1	0.95	1	1	4.046026
Type 3-3_str	BOBJ1	362.1	Before	Right Exterior Girder	137.1	0.95	1	1	4.347672
Type 3-3_str	BOBJ1	362.1	After	Left Exterior Girder	137.1	0.95	1	1	4.369356
Type 3-3_str	BOBJ1	362.1	After	Interior Girder 1	137.1	0.95	1	1	4.052282
Type 3-3_str	BOBJ1	362.1	After	Interior Girder 2	137.1	0.95	1	1	4.052282
Type 3-3_str	BOBJ1	362.1	After	Right Exterior Girder	137.1	0.95	1	1	4.369356
Type 3-3_str	BOBJ1	373.55	Before	Left Exterior Girder	148.55	0.95	1	1	4.076132
Type 3-3_str	BOBJ1	373.55	Before	Interior Girder 1	148.55	0.95	1	1	3.764428
Type 3-3_str	BOBJ1	373.55	Before	Interior Girder 2	148.55	0.95	1	1	3.764428
Type 3-3_str	BOBJ1	373.55	Before	Right Exterior Girder	148.55	0.95	1	1	4.076132
Type 3-3_str	BOBJ1	373.55	After	Left Exterior Girder	148.55	0.95	1	1	4.075776
Type 3-3_str	BOBJ1	373.55	After	Interior Girder 1	148.55	0.95	1	1	3.764766
Type 3-3_str	BOBJ1	373.55	After	Interior Girder 2	148.55	0.95	1	1	3.764766
Type 3-3_str	BOBJ1	373.55	After	Right Exterior Girder	148.55	0.95	1	1	4.075776
Type 3-3_str	BOBJ1	385	Before	Left Exterior Girder	160	0.95	1	1	3.963442
Type 3-3_str	BOBJ1	385	Before	Interior Girder 1	160	0.95	1	1	3.694382
Type 3-3_str	BOBJ1	385	Before	Interior Girder 2	160	0.95	1	1	3.694382
Type 3-3_str	BOBJ1	385	Before	Right Exterior Girder	160	0.95	1	1	3.963442
Type 3-3_str	BOBJ1	385	After	Left Exterior Girder	160	0.95	1	1	3.963442
Type 3-3_str	BOBJ1	385	After	Interior Girder 1	160	0.95	1	1	3.694382
Type 3-3_str	BOBJ1	385	After	Interior Girder 2	160	0.95	1	1	3.694382
Type 3-3_str	BOBJ1	385	After	Right Exterior Girder	160	0.95	1	1	3.963442
Type 3-3_str	BOBJ1	396.45	Before	Left Exterior Girder	171.45	0.95	1	1	4.075776
Type 3-3_str	BOBJ1	396.45	Before	Interior Girder 1	171.45	0.95	1	1	3.764766
Type 3-3_str	BOBJ1	396.45	Before	Interior Girder 2	171.45	0.95	1	1	3.764766
Type 3-3_str	BOBJ1	396.45	Before	Right Exterior Girder	171.45	0.95	1	1	4.075776
Type 3-3_str	BOBJ1	396.45	After	Left Exterior Girder	171.45	0.95	1	1	4.076132
Type 3-3_str	BOBJ1	396.45	After	Interior Girder 1	171.45	0.95	1	1	3.764428
Type 3-3_str	BOBJ1	396.45	After	Interior Girder 2	171.45	0.95	1	1	3.764428
Type 3-3_str	BOBJ1	396.45	After	Right Exterior Girder	171.45	0.95	1	1	4.076132
Type 3-3_str	BOBJ1	407.9	Before	Left Exterior Girder	182.9	0.95	1	1	4.369356
Type 3-3_str	BOBJ1	407.9	Before	Interior Girder 1	182.9	0.95	1	1	4.052282
Type 3-3_str	BOBJ1	407.9	Before	Interior Girder 2	182.9	0.95	1	1	4.052282
Type 3-3_str	BOBJ1	407.9	Before	Right Exterior Girder	182.9	0.95	1	1	4.369356
Type 3-3_str	BOBJ1	407.9	After	Left Exterior Girder	182.9	0.95	1	1	4.347672
Type 3-3_str	BOBJ1	407.9	After	Interior Girder 1	182.9	0.95	1	1	4.046026
Type 3-3_str	BOBJ1	407.9	After	Interior Girder 2	182.9	0.95	1	1	4.046026
Type 3-3_str	BOBJ1	407.9	After	Right Exterior Girder	182.9	0.95	1	1	4.347672
Type 3-3_str	BOBJ1	419.3	Before	Left Exterior Girder	194.3	0.95	1	1	4.92379
Type 3-3_str	BOBJ1	419.3	Before	Interior Girder 1	194.3	0.95	1	1	4.518079
Type 3-3_str	BOBJ1	419.3	Before	Interior Girder 2	194.3	0.95	1	1	4.518079
Type 3-3_str	BOBJ1	419.3	Before	Right Exterior Girder	194.3	0.95	1	1	4.92379
Type 3-3_str	BOBJ1	419.3	After	Left Exterior Girder	194.3	0.95	1	1	4.92404
Type 3-3_str	BOBJ1	419.3	After	Interior Girder 1	194.3	0.95	1	1	4.517689
Type 3-3_str	BOBJ1	419.3	After	Interior Girder 2	194.3	0.95	1	1	4.517688
Type 3-3_str	BOBJ1	419.3	After	Right Exterior Girder	194.3	0.95	1	1	4.92404
Type 3-3_str	BOBJ1	430.7	Before	Left Exterior Girder	205.7	0.95	1	1	5.774491
Type 3-3_str	BOBJ1	430.7	Before	Interior Girder 1	205.7	0.95	1	1	5.298711
Type 3-3_str	BOBJ1	430.7	Before	Interior Girder 2	205.7	0.95	1	1	5.298711
Type 3-3_str	BOBJ1	430.7	Before	Right Exterior Girder	205.7	0.95	1	1	5.774491

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelINonCompStrgth-Flx - Main Span Girders									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Type 3-3_str	BOBJ1	430.7	After	Left Exterior Girder	205.7	0.95	1	1	5.73166
Type 3-3_str	BOBJ1	430.7	After	Interior Girder 1	205.7	0.95	1	1	5.293479
Type 3-3_str	BOBJ1	430.7	After	Interior Girder 2	205.7	0.95	1	1	5.293479
Type 3-3_str	BOBJ1	430.7	After	Right Exterior Girder	205.7	0.95	1	1	5.73166
Type 3-3_str	BOBJ1	442.15	Before	Left Exterior Girder	217.0321	0.95	1	1	7.064942
Type 3-3_str	BOBJ1	442.15	Before	Interior Girder 1	217.0321	0.95	1	1	6.388014
Type 3-3_str	BOBJ1	442.15	Before	Interior Girder 2	217.0321	0.95	1	1	6.388014
Type 3-3_str	BOBJ1	442.15	Before	Right Exterior Girder	217.0321	0.95	1	1	7.064942
Type 3-3_str	BOBJ1	442.15	After	Left Exterior Girder	217.0321	0.95	1	1	3.662972
Type 3-3_str	BOBJ1	442.15	After	Interior Girder 1	217.0321	0.95	1	1	3.252991
Type 3-3_str	BOBJ1	442.15	After	Interior Girder 2	217.0321	0.95	1	1	3.252991
Type 3-3_str	BOBJ1	442.15	After	Right Exterior Girder	217.0321	0.95	1	1	3.662972
Type 3-3_str	BOBJ1	453.6	Before	Left Exterior Girder	228.6	0.95	1	1	5.172628
Type 3-3_str	BOBJ1	453.6	Before	Interior Girder 1	228.6	0.95	1	1	4.54288
Type 3-3_str	BOBJ1	453.6	Before	Interior Girder 2	228.6	0.95	1	1	4.54288
Type 3-3_str	BOBJ1	453.6	Before	Right Exterior Girder	228.6	0.95	1	1	5.172628
Type 3-3_str	BOBJ1	453.6	After	Left Exterior Girder	228.6	0.95	1	1	5.095236
Type 3-3_str	BOBJ1	453.6	After	Interior Girder 1	228.6	0.95	1	1	4.538627
Type 3-3_str	BOBJ1	453.6	After	Interior Girder 2	228.6	0.95	1	1	4.538627
Type 3-3_str	BOBJ1	453.6	After	Right Exterior Girder	228.6	0.95	1	1	5.095235
Type 3-3_str	BOBJ1	463.0439	Before	Left Exterior Girder	238.0439	0.95	1	1	6.996037
Type 3-3_str	BOBJ1	463.0439	Before	Interior Girder 1	238.0439	0.95	1	1	6.0216
Type 3-3_str	BOBJ1	463.0439	Before	Interior Girder 2	238.0439	0.95	1	1	6.021601
Type 3-3_str	BOBJ1	463.0439	Before	Right Exterior Girder	238.0439	0.95	1	1	6.996037
Type 3-3_str	BOBJ1	463.0439	After	Left Exterior Girder	238.0439	0.95	1	1	2.67544
Type 3-3_str	BOBJ1	463.0439	After	Interior Girder 1	238.0439	0.95	1	1	2.272493
Type 3-3_str	BOBJ1	463.0439	After	Interior Girder 2	238.0439	0.95	1	1	2.272493
Type 3-3_str	BOBJ1	463.0439	After	Right Exterior Girder	238.0439	0.95	1	1	2.67544
Type 3-3_str	BOBJ1	465	Before	Left Exterior Girder	240	0.95	1	1	3.037728
Type 3-3_str	BOBJ1	465	Before	Interior Girder 1	240	0.95	1	1	2.543377
Type 3-3_str	BOBJ1	465	Before	Interior Girder 2	240	0.95	1	1	2.543377
Type 3-3_str	BOBJ1	465	Before	Right Exterior Girder	240	0.95	1	1	3.037728
Type 3-3_str	BOBJ1	465	After	Left Exterior Girder	240	0.95	1	1	3.037216
Type 3-3_str	BOBJ1	465	After	Interior Girder 1	240	0.95	1	1	2.5437
Type 3-3_str	BOBJ1	465	After	Interior Girder 2	240	0.95	1	1	2.5437
Type 3-3_str	BOBJ1	465	After	Right Exterior Girder	240	0.95	1	1	3.037216
Type 3-3_str	BOBJ1	476.4	Before	Left Exterior Girder	251.4	0.95	1	1	5.760378
Type 3-3_str	BOBJ1	476.4	Before	Interior Girder 1	251.4	0.95	1	1	4.672445
Type 3-3_str	BOBJ1	476.4	Before	Interior Girder 2	251.4	0.95	1	1	4.672446
Type 3-3_str	BOBJ1	476.4	Before	Right Exterior Girder	251.4	0.95	1	1	5.760377
Type 3-3_str	BOBJ1	476.4	After	Left Exterior Girder	251.4	0.95	1	1	5.554972
Type 3-3_str	BOBJ1	476.4	After	Interior Girder 1	251.4	0.95	1	1	4.58256
Type 3-3_str	BOBJ1	476.4	After	Interior Girder 2	251.4	0.95	1	1	4.58256
Type 3-3_str	BOBJ1	476.4	After	Right Exterior Girder	251.4	0.95	1	1	5.554972
Type 3-3_str	BOBJ1	487.85	Before	Left Exterior Girder	262.85	0.95	1	1	6.183009
Type 3-3_str	BOBJ1	487.85	Before	Interior Girder 1	262.85	0.95	1	1	6.078984
Type 3-3_str	BOBJ1	487.85	Before	Interior Girder 2	262.85	0.95	1	1	6.078984
Type 3-3_str	BOBJ1	487.85	Before	Right Exterior Girder	262.85	0.95	1	1	6.183009
Type 3-3_str	BOBJ1	487.85	After	Left Exterior Girder	262.85	0.95	1	1	6.192713
Type 3-3_str	BOBJ1	487.85	After	Interior Girder 1	262.85	0.95	1	1	6.069258
Type 3-3_str	BOBJ1	487.85	After	Interior Girder 2	262.85	0.95	1	1	6.069258
Type 3-3_str	BOBJ1	487.85	After	Right Exterior Girder	262.85	0.95	1	1	6.192713
Type 3-3_str	BOBJ1	496.3126	Before	Left Exterior Girder	271.3126	0.95	1	1	3.920371
Type 3-3_str	BOBJ1	496.3126	Before	Interior Girder 1	271.3126	0.95	1	1	3.833428
Type 3-3_str	BOBJ1	496.3126	Before	Interior Girder 2	271.3126	0.95	1	1	3.833428
Type 3-3_str	BOBJ1	496.3126	Before	Right Exterior Girder	271.3126	0.95	1	1	3.920371
Type 3-3_str	BOBJ1	496.3126	After	Left Exterior Girder	271.3126	0.95	1	1	9.986178
Type 3-3_str	BOBJ1	496.3126	After	Interior Girder 1	271.3126	0.95	1	1	9.533511
Type 3-3_str	BOBJ1	496.3126	After	Interior Girder 2	271.3126	0.95	1	1	9.533511
Type 3-3_str	BOBJ1	496.3126	After	Right Exterior Girder	271.3126	0.95	1	1	9.986178
Type 3-3_str	BOBJ1	499.3	Before	Left Exterior Girder	274.3	0.95	1	1	9.111877
Type 3-3_str	BOBJ1	499.3	Before	Interior Girder 1	274.3	0.95	1	1	8.661873
Type 3-3_str	BOBJ1	499.3	Before	Interior Girder 2	274.3	0.95	1	1	8.661873
Type 3-3_str	BOBJ1	499.3	Before	Right Exterior Girder	274.3	0.95	1	1	9.111877
Type 3-3_str	BOBJ1	499.3	After	Left Exterior Girder	274.3	0.95	1	1	7.771321
Type 3-3_str	BOBJ1	499.3	After	Interior Girder 1	274.3	0.95	1	1	7.392165
Type 3-3_str	BOBJ1	499.3	After	Interior Girder 2	274.3	0.95	1	1	7.392165
Type 3-3_str	BOBJ1	499.3	After	Right Exterior Girder	274.3	0.95	1	1	7.771321

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelNonCompStrgth-Flx - Main Span Girders									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Type 3-3_str	BOBJ1	503.8969	Before	Left Exterior Girder	278.8969	0.95	1	1	6.483429
Type 3-3_str	BOBJ1	503.8969	Before	Interior Girder 1	278.8969	0.95	1	1	6.104507
Type 3-3_str	BOBJ1	503.8969	Before	Interior Girder 2	278.8969	0.95	1	1	6.104507
Type 3-3_str	BOBJ1	503.8969	Before	Right Exterior Girder	278.8969	0.95	1	1	6.483429
Type 3-3_str	BOBJ1	503.8969	After	Left Exterior Girder	278.8969	0.95	1	1	12.520964
Type 3-3_str	BOBJ1	503.8969	After	Interior Girder 1	278.8969	0.95	1	1	11.770616
Type 3-3_str	BOBJ1	503.8969	After	Interior Girder 2	278.8969	0.95	1	1	11.770616
Type 3-3_str	BOBJ1	503.8969	After	Right Exterior Girder	278.8969	0.95	1	1	12.520964
Type 3-3_str	BOBJ1	510.7	Before	Left Exterior Girder	285.7	0.95	1	1	10.47476
Type 3-3_str	BOBJ1	510.7	Before	Interior Girder 1	285.7	0.95	1	1	9.693134
Type 3-3_str	BOBJ1	510.7	Before	Interior Girder 2	285.7	0.95	1	1	9.693134
Type 3-3_str	BOBJ1	510.7	Before	Right Exterior Girder	285.7	0.95	1	1	10.47476
Type 3-3_str	BOBJ1	510.7	After	Left Exterior Girder	285.7	0.95	1	1	10.482218
Type 3-3_str	BOBJ1	510.7	After	Interior Girder 1	285.7	0.95	1	1	9.686224
Type 3-3_str	BOBJ1	510.7	After	Interior Girder 2	285.7	0.95	1	1	9.686223
Type 3-3_str	BOBJ1	510.7	After	Right Exterior Girder	285.7	0.95	1	1	10.482218
Type 3-3_str	BOBJ1	511.4811	Before	Left Exterior Girder	286.4811	0.95	1	1	10.242061
Type 3-3_str	BOBJ1	511.4811	Before	Interior Girder 1	286.4811	0.95	1	1	9.457025
Type 3-3_str	BOBJ1	511.4811	Before	Interior Girder 2	286.4811	0.95	1	1	9.457025
Type 3-3_str	BOBJ1	511.4811	Before	Right Exterior Girder	286.4811	0.95	1	1	10.242061
Type 3-3_str	BOBJ1	511.4811	After	Left Exterior Girder	286.4811	0.95	1	1	15.098929
Type 3-3_str	BOBJ1	511.4811	After	Interior Girder 1	286.4811	0.95	1	1	14.046063
Type 3-3_str	BOBJ1	511.4811	After	Interior Girder 2	286.4811	0.95	1	1	14.046062
Type 3-3_str	BOBJ1	511.4811	After	Right Exterior Girder	286.4811	0.95	1	1	15.098929
Type 3-3_str	BOBJ1	522.1	Before	Left Exterior Girder	297.1	0.95	1	1	10.453346
Type 3-3_str	BOBJ1	522.1	Before	Interior Girder 1	297.1	0.95	1	1	10.645137
Type 3-3_str	BOBJ1	522.1	Before	Interior Girder 2	297.1	0.95	1	1	10.645136
Type 3-3_str	BOBJ1	522.1	Before	Right Exterior Girder	297.1	0.95	1	1	10.453345
Type 3-3_str	BOBJ1	522.1	After	Left Exterior Girder	297.1	0.95	1	1	10.745487
Type 3-3_str	BOBJ1	522.1	After	Interior Girder 1	297.1	0.95	1	1	10.640575
Type 3-3_str	BOBJ1	522.1	After	Interior Girder 2	297.1	0.95	1	1	10.640575
Type 3-3_str	BOBJ1	522.1	After	Right Exterior Girder	297.1	0.95	1	1	10.745487
Type 3-3_str	BOBJ1	530.4918	Before	Left Exterior Girder	305.4918	0.95	1	1	7.014201
Type 3-3_str	BOBJ1	530.4918	Before	Interior Girder 1	305.4918	0.95	1	1	7.03222
Type 3-3_str	BOBJ1	530.4918	Before	Interior Girder 2	305.4918	0.95	1	1	7.032221
Type 3-3_str	BOBJ1	530.4918	Before	Right Exterior Girder	305.4918	0.95	1	1	7.014201
Type 3-3_str	BOBJ1	530.4918	After	Left Exterior Girder	305.4918	0.95	1	1	10.684641
Type 3-3_str	BOBJ1	530.4918	After	Interior Girder 1	305.4918	0.95	1	1	10.706716
Type 3-3_str	BOBJ1	530.4918	After	Interior Girder 2	305.4918	0.95	1	1	10.706717
Type 3-3_str	BOBJ1	530.4918	After	Right Exterior Girder	305.4918	0.95	1	1	10.68464
Type 3-3_str	BOBJ1	533.55	Before	Left Exterior Girder	308.55	0.95	1	1	9.300417
Type 3-3_str	BOBJ1	533.55	Before	Interior Girder 1	308.55	0.95	1	1	9.278931
Type 3-3_str	BOBJ1	533.55	Before	Interior Girder 2	308.55	0.95	1	1	9.278932
Type 3-3_str	BOBJ1	533.55	Before	Right Exterior Girder	308.55	0.95	1	1	9.300416
Type 3-3_str	BOBJ1	533.55	After	Left Exterior Girder	308.55	0.95	1	1	9.280952
Type 3-3_str	BOBJ1	533.55	After	Interior Girder 1	308.55	0.95	1	1	9.274126
Type 3-3_str	BOBJ1	533.55	After	Interior Girder 2	308.55	0.95	1	1	9.274127
Type 3-3_str	BOBJ1	533.55	After	Right Exterior Girder	308.55	0.95	1	1	9.280952
Type 3-3_str	BOBJ1	545	Before	Left Exterior Girder	320	0.95	1	1	5.216048
Type 3-3_str	BOBJ1	545	Before	Interior Girder 1	320	0.95	1	1	4.864127
Type 3-3_str	BOBJ1	545	Before	Interior Girder 2	320	0.95	1	1	4.864127
Type 3-3_str	BOBJ1	545	Before	Right Exterior Girder	320	0.95	1	1	5.216048
Type 3-3_str	BOBJ1	545	After	Left Exterior Girder	0	0.95	1	1	5.596442
Type 3-3_str	BOBJ1	545	After	Interior Girder 1	0	0.95	1	1	5.065458
Type 3-3_str	BOBJ1	545	After	Interior Girder 2	0	0.95	1	1	5.065458
Type 3-3_str	BOBJ1	545	After	Right Exterior Girder	0	0.95	1	1	5.596442
Type 3-3_str	BOBJ1	556.25	Before	Left Exterior Girder	11.25	0.95	1	1	9.243386
Type 3-3_str	BOBJ1	556.25	Before	Interior Girder 1	11.25	0.95	1	1	8.778686
Type 3-3_str	BOBJ1	556.25	Before	Interior Girder 2	11.25	0.95	1	1	8.778686
Type 3-3_str	BOBJ1	556.25	Before	Right Exterior Girder	11.25	0.95	1	1	9.243386
Type 3-3_str	BOBJ1	556.25	After	Left Exterior Girder	11.25	0.95	1	1	9.253315
Type 3-3_str	BOBJ1	556.25	After	Interior Girder 1	11.25	0.95	1	1	8.793429
Type 3-3_str	BOBJ1	556.25	After	Interior Girder 2	11.25	0.95	1	1	8.793429
Type 3-3_str	BOBJ1	556.25	After	Right Exterior Girder	11.25	0.95	1	1	9.253315
Type 3-3_str	BOBJ1	559.4358	Before	Left Exterior Girder	14.4358	0.95	1	1	10.393306
Type 3-3_str	BOBJ1	559.4358	Before	Interior Girder 1	14.4358	0.95	1	1	9.909293
Type 3-3_str	BOBJ1	559.4358	Before	Interior Girder 2	14.4358	0.95	1	1	9.909293
Type 3-3_str	BOBJ1	559.4358	Before	Right Exterior Girder	14.4358	0.95	1	1	10.393306

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelINonCompStrgth-Flx - Main Span Girders									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Type 3-3_str	BOBJ1	559.4358	After	Left Exterior Girder	14.4358	0.95	1	1	6.759338
Type 3-3_str	BOBJ1	559.4358	After	Interior Girder 1	14.4358	0.95	1	1	6.425346
Type 3-3_str	BOBJ1	559.4358	After	Interior Girder 2	14.4358	0.95	1	1	6.425346
Type 3-3_str	BOBJ1	559.4358	After	Right Exterior Girder	14.4358	0.95	1	1	6.759338
Type 3-3_str	BOBJ1	567.5	Before	Left Exterior Girder	22.5	0.95	1	1	9.287602
Type 3-3_str	BOBJ1	567.5	Before	Interior Girder 1	22.5	0.95	1	1	8.472915
Type 3-3_str	BOBJ1	567.5	Before	Interior Girder 2	22.5	0.95	1	1	8.472915
Type 3-3_str	BOBJ1	567.5	Before	Right Exterior Girder	22.5	0.95	1	1	9.287602
Type 3-3_str	BOBJ1	567.5	After	Left Exterior Girder	22.5	0.95	1	1	10.000981
Type 3-3_str	BOBJ1	567.5	After	Interior Girder 1	22.5	0.95	1	1	9.262971
Type 3-3_str	BOBJ1	567.5	After	Interior Girder 2	22.5	0.95	1	1	9.262971
Type 3-3_str	BOBJ1	567.5	After	Right Exterior Girder	22.5	0.95	1	1	10.000981
Type 3-3_str	BOBJ1	570.0586	Before	Left Exterior Girder	25.0586	0.95	1	1	10.909286
Type 3-3_str	BOBJ1	570.0586	Before	Interior Girder 1	25.0586	0.95	1	1	9.884703
Type 3-3_str	BOBJ1	570.0586	Before	Interior Girder 2	25.0586	0.95	1	1	9.884703
Type 3-3_str	BOBJ1	570.0586	Before	Right Exterior Girder	25.0586	0.95	1	1	10.909285
Type 3-3_str	BOBJ1	570.0586	After	Left Exterior Girder	25.0586	0.95	1	1	6.530806
Type 3-3_str	BOBJ1	570.0586	After	Interior Girder 1	25.0586	0.95	1	1	5.906502
Type 3-3_str	BOBJ1	570.0586	After	Interior Girder 2	25.0586	0.95	1	1	5.906501
Type 3-3_str	BOBJ1	570.0586	After	Right Exterior Girder	25.0586	0.95	1	1	6.530806
Type 3-3_str	BOBJ1	578.75	Before	Left Exterior Girder	33.75	0.95	1	1	8.53532
Type 3-3_str	BOBJ1	578.75	Before	Interior Girder 1	33.75	0.95	1	1	7.864065
Type 3-3_str	BOBJ1	578.75	Before	Interior Girder 2	33.75	0.95	1	1	7.864065
Type 3-3_str	BOBJ1	578.75	Before	Right Exterior Girder	33.75	0.95	1	1	8.53532
Type 3-3_str	BOBJ1	578.75	After	Left Exterior Girder	33.75	0.95	1	1	8.514799
Type 3-3_str	BOBJ1	578.75	After	Interior Girder 1	33.75	0.95	1	1	7.879577
Type 3-3_str	BOBJ1	578.75	After	Interior Girder 2	33.75	0.95	1	1	7.879577
Type 3-3_str	BOBJ1	578.75	After	Right Exterior Girder	33.75	0.95	1	1	8.514799
Type 3-3_str	BOBJ1	586.8142	Before	Left Exterior Girder	41.8142	0.95	1	1	10.373298
Type 3-3_str	BOBJ1	586.8142	Before	Interior Girder 1	41.8142	0.95	1	1	9.761417
Type 3-3_str	BOBJ1	586.8142	Before	Interior Girder 2	41.8142	0.95	1	1	9.761417
Type 3-3_str	BOBJ1	586.8142	Before	Right Exterior Girder	41.8142	0.95	1	1	10.373298
Type 3-3_str	BOBJ1	586.8142	After	Left Exterior Girder	41.8142	0.95	1	1	4.82589
Type 3-3_str	BOBJ1	586.8142	After	Interior Girder 1	41.8142	0.95	1	1	4.537595
Type 3-3_str	BOBJ1	586.8142	After	Interior Girder 2	41.8142	0.95	1	1	4.537595
Type 3-3_str	BOBJ1	586.8142	After	Right Exterior Girder	41.8142	0.95	1	1	4.82589
Type 3-3_str	BOBJ1	590	Before	Left Exterior Girder	45	0.95	1	1	5.477708
Type 3-3_str	BOBJ1	590	Before	Interior Girder 1	45	0.95	1	1	5.192916
Type 3-3_str	BOBJ1	590	Before	Interior Girder 2	45	0.95	1	1	5.192916
Type 3-3_str	BOBJ1	590	Before	Right Exterior Girder	45	0.95	1	1	5.477708
Type 3-3_str	BOBJ1	590	After	Left Exterior Girder	45	0.95	1	1	3.535862
Type 3-3_str	BOBJ1	590	After	Interior Girder 1	45	0.95	1	1	3.376987
Type 3-3_str	BOBJ1	590	After	Interior Girder 2	45	0.95	1	1	3.376987
Type 3-3_str	BOBJ1	590	After	Right Exterior Girder	45	0.95	1	1	3.535862
Type 3-3_str	BOBJ1	601.25	Before	Left Exterior Girder	56.25	0.95	1	1	5.771291
Type 3-3_str	BOBJ1	601.25	Before	Interior Girder 1	56.25	0.95	1	1	5.59611
Type 3-3_str	BOBJ1	601.25	Before	Interior Girder 2	56.25	0.95	1	1	5.59611
Type 3-3_str	BOBJ1	601.25	Before	Right Exterior Girder	56.25	0.95	1	1	5.771291
Type 3-3_str	BOBJ1	601.25	After	Left Exterior Girder	56.25	0.95	1	1	5.75887
Type 3-3_str	BOBJ1	601.25	After	Interior Girder 1	56.25	0.95	1	1	5.607123
Type 3-3_str	BOBJ1	601.25	After	Interior Girder 2	56.25	0.95	1	1	5.607123
Type 3-3_str	BOBJ1	601.25	After	Right Exterior Girder	56.25	0.95	1	1	5.758869
Type 3-3_str	BOBJ1	601.7478	Before	Left Exterior Girder	56.7478	0.95	1	1	5.859918
Type 3-3_str	BOBJ1	601.7478	Before	Interior Girder 1	56.7478	0.95	1	1	5.708486
Type 3-3_str	BOBJ1	601.7478	Before	Interior Girder 2	56.7478	0.95	1	1	5.708486
Type 3-3_str	BOBJ1	601.7478	Before	Right Exterior Girder	56.7478	0.95	1	1	5.859918
Type 3-3_str	BOBJ1	601.7478	After	Left Exterior Girder	56.7478	0.95	1	1	1.862689
Type 3-3_str	BOBJ1	601.7478	After	Interior Girder 1	56.7478	0.95	1	1	1.834216
Type 3-3_str	BOBJ1	601.7478	After	Interior Girder 2	56.7478	0.95	1	1	1.834216
Type 3-3_str	BOBJ1	601.7478	After	Right Exterior Girder	56.7478	0.95	1	1	1.862689
Type 3-3_str	BOBJ1	612.5	Before	Left Exterior Girder	67.5	0.95	1	1	3.819794
Type 3-3_str	BOBJ1	612.5	Before	Interior Girder 1	67.5	0.95	1	1	3.784576
Type 3-3_str	BOBJ1	612.5	Before	Interior Girder 2	67.5	0.95	1	1	3.784576
Type 3-3_str	BOBJ1	612.5	Before	Right Exterior Girder	67.5	0.95	1	1	3.819794
Type 3-3_str	BOBJ1	612.5	After	Left Exterior Girder	67.5	0.95	1	1	5.37604
Type 3-3_str	BOBJ1	612.5	After	Interior Girder 1	67.5	0.95	1	1	5.354339
Type 3-3_str	BOBJ1	612.5	After	Interior Girder 2	67.5	0.95	1	1	5.354339
Type 3-3_str	BOBJ1	612.5	After	Right Exterior Girder	67.5	0.95	1	1	5.37604

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelNonCompStrgth-Flx - Main Span Girders									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Type 3-3_str	BOBJ1	623.75	Before	Left Exterior Girder	78.75	0.95	1	1	5.55713
Type 3-3_str	BOBJ1	623.75	Before	Interior Girder 1	78.75	0.95	1	1	4.834374
Type 3-3_str	BOBJ1	623.75	Before	Interior Girder 2	78.75	0.95	1	1	4.834373
Type 3-3_str	BOBJ1	623.75	Before	Right Exterior Girder	78.75	0.95	1	1	5.55713
Type 3-3_str	BOBJ1	623.75	After	Left Exterior Girder	78.75	0.95	1	1	5.562034
Type 3-3_str	BOBJ1	623.75	After	Interior Girder 1	78.75	0.95	1	1	4.829604
Type 3-3_str	BOBJ1	623.75	After	Interior Girder 2	78.75	0.95	1	1	4.829604
Type 3-3_str	BOBJ1	623.75	After	Right Exterior Girder	78.75	0.95	1	1	5.562034
Type 3-3_str	BOBJ1	635	Before	Left Exterior Girder	90	0.95	1	1	3.833052
Type 3-3_str	BOBJ1	635	Before	Interior Girder 1	90	0.95	1	1	3.49644
Type 3-3_str	BOBJ1	635	Before	Interior Girder 2	90	0.95	1	1	3.49644
Type 3-3_str	BOBJ1	635	Before	Right Exterior Girder	90	0.95	1	1	3.833052
Type 3-3_str	BOBJ1	635	After	Left Exterior Girder	90	0.95	1	1	3.905724
Type 3-3_str	BOBJ1	635	After	Interior Girder 1	90	0.95	1	1	3.510462
Type 3-3_str	BOBJ1	635	After	Interior Girder 2	90	0.95	1	1	3.510462
Type 3-3_str	BOBJ1	635	After	Right Exterior Girder	90	0.95	1	1	3.905724
Type 3-3_str	BOBJ1	643.5619	Before	Left Exterior Girder	98.5619	0.95	1	1	3.032134
Type 3-3_str	BOBJ1	643.5619	Before	Interior Girder 1	98.5619	0.95	1	1	2.760719
Type 3-3_str	BOBJ1	643.5619	Before	Interior Girder 2	98.5619	0.95	1	1	2.760719
Type 3-3_str	BOBJ1	643.5619	Before	Right Exterior Girder	98.5619	0.95	1	1	3.032134
Type 3-3_str	BOBJ1	643.5619	After	Left Exterior Girder	98.5619	0.95	1	1	5.739251
Type 3-3_str	BOBJ1	643.5619	After	Interior Girder 1	98.5619	0.95	1	1	5.215647
Type 3-3_str	BOBJ1	643.5619	After	Interior Girder 2	98.5619	0.95	1	1	5.215647
Type 3-3_str	BOBJ1	643.5619	After	Right Exterior Girder	98.5619	0.95	1	1	5.739251
Type 3-3_str	BOBJ1	646.25	Before	Left Exterior Girder	101.25	0.95	1	1	5.446455
Type 3-3_str	BOBJ1	646.25	Before	Interior Girder 1	101.25	0.95	1	1	4.976938
Type 3-3_str	BOBJ1	646.25	Before	Interior Girder 2	101.25	0.95	1	1	4.976937
Type 3-3_str	BOBJ1	646.25	Before	Right Exterior Girder	101.25	0.95	1	1	5.446455
Type 3-3_str	BOBJ1	646.25	After	Left Exterior Girder	101.25	0.95	1	1	5.446709
Type 3-3_str	BOBJ1	646.25	After	Interior Girder 1	101.25	0.95	1	1	4.978052
Type 3-3_str	BOBJ1	646.25	After	Interior Girder 2	101.25	0.95	1	1	4.978052
Type 3-3_str	BOBJ1	646.25	After	Right Exterior Girder	101.25	0.95	1	1	5.446709
Type 3-3_str	BOBJ1	657.5	Before	Left Exterior Girder	112.5	0.95	1	1	4.498147
Type 3-3_str	BOBJ1	657.5	Before	Interior Girder 1	112.5	0.95	1	1	4.223735
Type 3-3_str	BOBJ1	657.5	Before	Interior Girder 2	112.5	0.95	1	1	4.223735
Type 3-3_str	BOBJ1	657.5	Before	Right Exterior Girder	112.5	0.95	1	1	4.498147
Type 3-3_str	BOBJ1	657.5	After	Left Exterior Girder	112.5	0.95	1	1	4.524572
Type 3-3_str	BOBJ1	657.5	After	Interior Girder 1	112.5	0.95	1	1	4.223758
Type 3-3_str	BOBJ1	657.5	After	Interior Girder 2	112.5	0.95	1	1	4.223758
Type 3-3_str	BOBJ1	657.5	After	Right Exterior Girder	112.5	0.95	1	1	4.524572
Type 3-3_str	BOBJ1	668.75	Before	Left Exterior Girder	123.75	0.95	1	1	3.969883
Type 3-3_str	BOBJ1	668.75	Before	Interior Girder 1	123.75	0.95	1	1	3.710903
Type 3-3_str	BOBJ1	668.75	Before	Interior Girder 2	123.75	0.95	1	1	3.710903
Type 3-3_str	BOBJ1	668.75	Before	Right Exterior Girder	123.75	0.95	1	1	3.969883
Type 3-3_str	BOBJ1	668.75	After	Left Exterior Girder	123.75	0.95	1	1	3.973841
Type 3-3_str	BOBJ1	668.75	After	Interior Girder 1	123.75	0.95	1	1	3.711064
Type 3-3_str	BOBJ1	668.75	After	Interior Girder 2	123.75	0.95	1	1	3.711064
Type 3-3_str	BOBJ1	668.75	After	Right Exterior Girder	123.75	0.95	1	1	3.973841
Type 3-3_str	BOBJ1	680	Before	Left Exterior Girder	135	0.95	1	1	3.649405
Type 3-3_str	BOBJ1	680	Before	Interior Girder 1	135	0.95	1	1	3.45406
Type 3-3_str	BOBJ1	680	Before	Interior Girder 2	135	0.95	1	1	3.45406
Type 3-3_str	BOBJ1	680	Before	Right Exterior Girder	135	0.95	1	1	3.649405
Type 3-3_str	BOBJ1	680	After	Left Exterior Girder	135	0.95	1	1	3.646756
Type 3-3_str	BOBJ1	680	After	Interior Girder 1	135	0.95	1	1	3.454819
Type 3-3_str	BOBJ1	680	After	Interior Girder 2	135	0.95	1	1	3.454819
Type 3-3_str	BOBJ1	680	After	Right Exterior Girder	135	0.95	1	1	3.646756
Type 3-3_str	BOBJ1	691.25	Before	Left Exterior Girder	146.25	0.95	1	1	3.591697
Type 3-3_str	BOBJ1	691.25	Before	Interior Girder 1	146.25	0.95	1	1	3.366891
Type 3-3_str	BOBJ1	691.25	Before	Interior Girder 2	146.25	0.95	1	1	3.366891
Type 3-3_str	BOBJ1	691.25	Before	Right Exterior Girder	146.25	0.95	1	1	3.591697
Type 3-3_str	BOBJ1	691.25	After	Left Exterior Girder	146.25	0.95	1	1	3.592528
Type 3-3_str	BOBJ1	691.25	After	Interior Girder 1	146.25	0.95	1	1	3.369507
Type 3-3_str	BOBJ1	691.25	After	Interior Girder 2	146.25	0.95	1	1	3.369507
Type 3-3_str	BOBJ1	691.25	After	Right Exterior Girder	146.25	0.95	1	1	3.592528
Type 3-3_str	BOBJ1	702.5	Before	Left Exterior Girder	157.5	0.95	1	1	3.753093
Type 3-3_str	BOBJ1	702.5	Before	Interior Girder 1	157.5	0.95	1	1	3.529383
Type 3-3_str	BOBJ1	702.5	Before	Interior Girder 2	157.5	0.95	1	1	3.529383
Type 3-3_str	BOBJ1	702.5	Before	Right Exterior Girder	157.5	0.95	1	1	3.753093

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelNonCompStrgth-Flx - Main Span Girders									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Type 3-3_str	BOBJ1	702.5	After	Left Exterior Girder	157.5	0.95	1	1	3.7133
Type 3-3_str	BOBJ1	702.5	After	Interior Girder 1	157.5	0.95	1	1	3.519219
Type 3-3_str	BOBJ1	702.5	After	Interior Girder 2	157.5	0.95	1	1	3.519219
Type 3-3_str	BOBJ1	702.5	After	Right Exterior Girder	157.5	0.95	1	1	3.713299
Type 3-3_str	BOBJ1	713.75	Before	Left Exterior Girder	168.75	0.95	1	1	4.200678
Type 3-3_str	BOBJ1	713.75	Before	Interior Girder 1	168.75	0.95	1	1	3.896677
Type 3-3_str	BOBJ1	713.75	Before	Interior Girder 2	168.75	0.95	1	1	3.896677
Type 3-3_str	BOBJ1	713.75	Before	Right Exterior Girder	168.75	0.95	1	1	4.200677
Type 3-3_str	BOBJ1	713.75	After	Left Exterior Girder	168.75	0.95	1	1	4.200558
Type 3-3_str	BOBJ1	713.75	After	Interior Girder 1	168.75	0.95	1	1	3.899017
Type 3-3_str	BOBJ1	713.75	After	Interior Girder 2	168.75	0.95	1	1	3.899017
Type 3-3_str	BOBJ1	713.75	After	Right Exterior Girder	168.75	0.95	1	1	4.200558
Type 3-3_str	BOBJ1	725	Before	Left Exterior Girder	180	0.95	1	1	5.09934
Type 3-3_str	BOBJ1	725	Before	Interior Girder 1	180	0.95	1	1	4.645239
Type 3-3_str	BOBJ1	725	Before	Interior Girder 2	180	0.95	1	1	4.645239
Type 3-3_str	BOBJ1	725	Before	Right Exterior Girder	180	0.95	1	1	5.099339
Type 3-3_str	BOBJ1	725	After	Left Exterior Girder	180	0.95	1	1	5.018256
Type 3-3_str	BOBJ1	725	After	Interior Girder 1	180	0.95	1	1	4.66225
Type 3-3_str	BOBJ1	725	After	Interior Girder 2	180	0.95	1	1	4.66225
Type 3-3_str	BOBJ1	725	After	Right Exterior Girder	180	0.95	1	1	5.018256
Type 3-3_str	BOBJ1	731.1726	Before	Left Exterior Girder	186.1726	0.95	1	1	5.845396
Type 3-3_str	BOBJ1	731.1726	Before	Interior Girder 1	186.1726	0.95	1	1	5.25181
Type 3-3_str	BOBJ1	731.1726	Before	Interior Girder 2	186.1726	0.95	1	1	5.25181
Type 3-3_str	BOBJ1	731.1726	Before	Right Exterior Girder	186.1726	0.95	1	1	5.845396
Type 3-3_str	BOBJ1	731.1726	After	Left Exterior Girder	186.1726	0.95	1	1	2.509388
Type 3-3_str	BOBJ1	731.1726	After	Interior Girder 1	186.1726	0.95	1	1	2.24657
Type 3-3_str	BOBJ1	731.1726	After	Interior Girder 2	186.1726	0.95	1	1	2.24657
Type 3-3_str	BOBJ1	731.1726	After	Right Exterior Girder	186.1726	0.95	1	1	2.509388
Type 3-3_str	BOBJ1	736.25	Before	Left Exterior Girder	191.25	0.95	1	1	3.084738
Type 3-3_str	BOBJ1	736.25	Before	Interior Girder 1	191.25	0.95	1	1	2.664846
Type 3-3_str	BOBJ1	736.25	Before	Interior Girder 2	191.25	0.95	1	1	2.664846
Type 3-3_str	BOBJ1	736.25	Before	Right Exterior Girder	191.25	0.95	1	1	3.084738
Type 3-3_str	BOBJ1	736.25	After	Left Exterior Girder	191.25	0.95	1	1	3.075624
Type 3-3_str	BOBJ1	736.25	After	Interior Girder 1	191.25	0.95	1	1	2.664288
Type 3-3_str	BOBJ1	736.25	After	Interior Girder 2	191.25	0.95	1	1	2.664288
Type 3-3_str	BOBJ1	736.25	After	Right Exterior Girder	191.25	0.95	1	1	3.075624
Type 3-3_str	BOBJ1	747.5	Before	Left Exterior Girder	202.5	0.95	1	1	5.37159
Type 3-3_str	BOBJ1	747.5	Before	Interior Girder 1	202.5	0.95	1	1	4.368006
Type 3-3_str	BOBJ1	747.5	Before	Interior Girder 2	202.5	0.95	1	1	4.368006
Type 3-3_str	BOBJ1	747.5	Before	Right Exterior Girder	202.5	0.95	1	1	5.37159
Type 3-3_str	BOBJ1	747.5	After	Left Exterior Girder	202.5	0.95	1	1	5.148765
Type 3-3_str	BOBJ1	747.5	After	Interior Girder 1	202.5	0.95	1	1	4.322241
Type 3-3_str	BOBJ1	747.5	After	Interior Girder 2	202.5	0.95	1	1	4.322241
Type 3-3_str	BOBJ1	747.5	After	Right Exterior Girder	202.5	0.95	1	1	5.148764
Type 3-3_str	BOBJ1	758.75	Before	Left Exterior Girder	213.75	0.95	1	1	12.235454
Type 3-3_str	BOBJ1	758.75	Before	Interior Girder 1	213.75	0.95	1	1	9.08085
Type 3-3_str	BOBJ1	758.75	Before	Interior Girder 2	213.75	0.95	1	1	9.08085
Type 3-3_str	BOBJ1	758.75	Before	Right Exterior Girder	213.75	0.95	1	1	12.235451
Type 3-3_str	BOBJ1	758.75	After	Left Exterior Girder	213.75	0.95	1	1	12.162355
Type 3-3_str	BOBJ1	758.75	After	Interior Girder 1	213.75	0.95	1	1	8.952926
Type 3-3_str	BOBJ1	758.75	After	Interior Girder 2	213.75	0.95	1	1	8.952926
Type 3-3_str	BOBJ1	758.75	After	Right Exterior Girder	213.75	0.95	1	1	12.162351
Type 3-3_str	BOBJ1	770	Before	Left Exterior Girder	225	0.95	1	1	234.349954
Type 3-3_str	BOBJ1	770	Before	Interior Girder 1	225	0.95	1	1	200.317822
Type 3-3_str	BOBJ1	770	Before	Interior Girder 2	225	0.95	1	1	200.317116
Type 3-3_str	BOBJ1	770	Before	Right Exterior Girder	225	0.95	1	1	234.351131
EV2_str	BOBJ1	0	After	Left Exterior Girder	0	0.95	1	1	313.957181
EV2_str	BOBJ1	0	After	Interior Girder 1	0	0.95	1	1	259.214011
EV2_str	BOBJ1	0	After	Interior Girder 2	0	0.95	1	1	259.21372
EV2_str	BOBJ1	0	After	Right Exterior Girder	0	0.95	1	1	313.95717
EV2_str	BOBJ1	11.25	Before	Left Exterior Girder	11.25	0.95	1	1	14.88618
EV2_str	BOBJ1	11.25	Before	Interior Girder 1	11.25	0.95	1	1	9.608494
EV2_str	BOBJ1	11.25	Before	Interior Girder 2	11.25	0.95	1	1	9.608496
EV2_str	BOBJ1	11.25	Before	Right Exterior Girder	11.25	0.95	1	1	14.886179
EV2_str	BOBJ1	11.25	After	Left Exterior Girder	11.25	0.95	1	1	14.920101
EV2_str	BOBJ1	11.25	After	Interior Girder 1	11.25	0.95	1	1	9.721202
EV2_str	BOBJ1	11.25	After	Interior Girder 2	11.25	0.95	1	1	9.721203
EV2_str	BOBJ1	11.25	After	Right Exterior Girder	11.25	0.95	1	1	14.9201

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelNonCompStrgth-Flx - Main Span Girders									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
EV2_str	BOBJ1	22.5	Before	Left Exterior Girder	22.5	0.95	1	1	6.352618
EV2_str	BOBJ1	22.5	Before	Interior Girder 1	22.5	0.95	1	1	4.694092
EV2_str	BOBJ1	22.5	Before	Interior Girder 2	22.5	0.95	1	1	4.694093
EV2_str	BOBJ1	22.5	Before	Right Exterior Girder	22.5	0.95	1	1	6.352618
EV2_str	BOBJ1	22.5	After	Left Exterior Girder	22.5	0.95	1	1	6.619248
EV2_str	BOBJ1	22.5	After	Interior Girder 1	22.5	0.95	1	1	4.752297
EV2_str	BOBJ1	22.5	After	Interior Girder 2	22.5	0.95	1	1	4.752298
EV2_str	BOBJ1	22.5	After	Right Exterior Girder	22.5	0.95	1	1	6.619248
EV2_str	BOBJ1	33.75	Before	Left Exterior Girder	33.75	0.95	1	1	3.811863
EV2_str	BOBJ1	33.75	Before	Interior Girder 1	33.75	0.95	1	1	2.935001
EV2_str	BOBJ1	33.75	Before	Interior Girder 2	33.75	0.95	1	1	2.935002
EV2_str	BOBJ1	33.75	Before	Right Exterior Girder	33.75	0.95	1	1	3.811863
EV2_str	BOBJ1	33.75	After	Left Exterior Girder	33.75	0.95	1	1	3.822262
EV2_str	BOBJ1	33.75	After	Interior Girder 1	33.75	0.95	1	1	2.934914
EV2_str	BOBJ1	33.75	After	Interior Girder 2	33.75	0.95	1	1	2.934914
EV2_str	BOBJ1	33.75	After	Right Exterior Girder	33.75	0.95	1	1	3.822262
EV2_str	BOBJ1	38.8274	Before	Left Exterior Girder	38.8274	0.95	1	1	3.104206
EV2_str	BOBJ1	38.8274	Before	Interior Girder 1	38.8274	0.95	1	1	2.479265
EV2_str	BOBJ1	38.8274	Before	Interior Girder 2	38.8274	0.95	1	1	2.479266
EV2_str	BOBJ1	38.8274	Before	Right Exterior Girder	38.8274	0.95	1	1	3.104207
EV2_str	BOBJ1	38.8274	After	Left Exterior Girder	38.8274	0.95	1	1	7.226128
EV2_str	BOBJ1	38.8274	After	Interior Girder 1	38.8274	0.95	1	1	5.799668
EV2_str	BOBJ1	38.8274	After	Interior Girder 2	38.8274	0.95	1	1	5.799668
EV2_str	BOBJ1	38.8274	After	Right Exterior Girder	38.8274	0.95	1	1	7.226128
EV2_str	BOBJ1	45	Before	Left Exterior Girder	45	0.95	1	1	6.18692
EV2_str	BOBJ1	45	Before	Interior Girder 1	45	0.95	1	1	5.198506
EV2_str	BOBJ1	45	Before	Interior Girder 2	45	0.95	1	1	5.198507
EV2_str	BOBJ1	45	Before	Right Exterior Girder	45	0.95	1	1	6.18692
EV2_str	BOBJ1	45	After	Left Exterior Girder	45	0.95	1	1	6.257274
EV2_str	BOBJ1	45	After	Interior Girder 1	45	0.95	1	1	5.157259
EV2_str	BOBJ1	45	After	Interior Girder 2	45	0.95	1	1	5.157259
EV2_str	BOBJ1	45	After	Right Exterior Girder	45	0.95	1	1	6.257274
EV2_str	BOBJ1	56.25	Before	Left Exterior Girder	56.25	0.95	1	1	5.154712
EV2_str	BOBJ1	56.25	Before	Interior Girder 1	56.25	0.95	1	1	4.377913
EV2_str	BOBJ1	56.25	Before	Interior Girder 2	56.25	0.95	1	1	4.377912
EV2_str	BOBJ1	56.25	Before	Right Exterior Girder	56.25	0.95	1	1	5.154712
EV2_str	BOBJ1	56.25	After	Left Exterior Girder	56.25	0.95	1	1	5.155538
EV2_str	BOBJ1	56.25	After	Interior Girder 1	56.25	0.95	1	1	4.380128
EV2_str	BOBJ1	56.25	After	Interior Girder 2	56.25	0.95	1	1	4.380128
EV2_str	BOBJ1	56.25	After	Right Exterior Girder	56.25	0.95	1	1	5.155539
EV2_str	BOBJ1	67.5	Before	Left Exterior Girder	67.5	0.95	1	1	4.567633
EV2_str	BOBJ1	67.5	Before	Interior Girder 1	67.5	0.95	1	1	4.064185
EV2_str	BOBJ1	67.5	Before	Interior Girder 2	67.5	0.95	1	1	4.064184
EV2_str	BOBJ1	67.5	Before	Right Exterior Girder	67.5	0.95	1	1	4.567633
EV2_str	BOBJ1	67.5	After	Left Exterior Girder	67.5	0.95	1	1	4.611588
EV2_str	BOBJ1	67.5	After	Interior Girder 1	67.5	0.95	1	1	4.05228
EV2_str	BOBJ1	67.5	After	Interior Girder 2	67.5	0.95	1	1	4.05228
EV2_str	BOBJ1	67.5	After	Right Exterior Girder	67.5	0.95	1	1	4.611589
EV2_str	BOBJ1	78.75	Before	Left Exterior Girder	78.75	0.95	1	1	4.444817
EV2_str	BOBJ1	78.75	Before	Interior Girder 1	78.75	0.95	1	1	3.915496
EV2_str	BOBJ1	78.75	Before	Interior Girder 2	78.75	0.95	1	1	3.915496
EV2_str	BOBJ1	78.75	Before	Right Exterior Girder	78.75	0.95	1	1	4.444817
EV2_str	BOBJ1	78.75	After	Left Exterior Girder	78.75	0.95	1	1	4.440766
EV2_str	BOBJ1	78.75	After	Interior Girder 1	78.75	0.95	1	1	3.920948
EV2_str	BOBJ1	78.75	After	Interior Girder 2	78.75	0.95	1	1	3.920948
EV2_str	BOBJ1	78.75	After	Right Exterior Girder	78.75	0.95	1	1	4.440766
EV2_str	BOBJ1	90	Before	Left Exterior Girder	90	0.95	1	1	4.532176
EV2_str	BOBJ1	90	Before	Interior Girder 1	90	0.95	1	1	4.08864
EV2_str	BOBJ1	90	Before	Interior Girder 2	90	0.95	1	1	4.08864
EV2_str	BOBJ1	90	Before	Right Exterior Girder	90	0.95	1	1	4.532176
EV2_str	BOBJ1	90	After	Left Exterior Girder	90	0.95	1	1	4.537548
EV2_str	BOBJ1	90	After	Interior Girder 1	90	0.95	1	1	4.08446
EV2_str	BOBJ1	90	After	Interior Girder 2	90	0.95	1	1	4.08446
EV2_str	BOBJ1	90	After	Right Exterior Girder	90	0.95	1	1	4.537548
EV2_str	BOBJ1	101.25	Before	Left Exterior Girder	101.25	0.95	1	1	4.945756
EV2_str	BOBJ1	101.25	Before	Interior Girder 1	101.25	0.95	1	1	4.374922
EV2_str	BOBJ1	101.25	Before	Interior Girder 2	101.25	0.95	1	1	4.374922
EV2_str	BOBJ1	101.25	Before	Right Exterior Girder	101.25	0.95	1	1	4.945756

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelNonCompStrgth-Flx - Main Span Girders									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
EV2_str	BOBJ1	101.25	After	Left Exterior Girder	101.25	0.95	1	1	4.938378
EV2_str	BOBJ1	101.25	After	Interior Girder 1	101.25	0.95	1	1	4.368214
EV2_str	BOBJ1	101.25	After	Interior Girder 2	101.25	0.95	1	1	4.368214
EV2_str	BOBJ1	101.25	After	Right Exterior Girder	101.25	0.95	1	1	4.938378
EV2_str	BOBJ1	112.5	Before	Left Exterior Girder	112.5	0.95	1	1	5.600274
EV2_str	BOBJ1	112.5	Before	Interior Girder 1	112.5	0.95	1	1	4.980607
EV2_str	BOBJ1	112.5	Before	Interior Girder 2	112.5	0.95	1	1	4.980607
EV2_str	BOBJ1	112.5	Before	Right Exterior Girder	112.5	0.95	1	1	5.600274
EV2_str	BOBJ1	112.5	After	Left Exterior Girder	112.5	0.95	1	1	5.562703
EV2_str	BOBJ1	112.5	After	Interior Girder 1	112.5	0.95	1	1	4.969498
EV2_str	BOBJ1	112.5	After	Interior Girder 2	112.5	0.95	1	1	4.969499
EV2_str	BOBJ1	112.5	After	Right Exterior Girder	112.5	0.95	1	1	5.562702
EV2_str	BOBJ1	123.75	Before	Left Exterior Girder	123.75	0.95	1	1	6.696166
EV2_str	BOBJ1	123.75	Before	Interior Girder 1	123.75	0.95	1	1	5.819957
EV2_str	BOBJ1	123.75	Before	Interior Girder 2	123.75	0.95	1	1	5.819957
EV2_str	BOBJ1	123.75	Before	Right Exterior Girder	123.75	0.95	1	1	6.696166
EV2_str	BOBJ1	123.75	After	Left Exterior Girder	123.75	0.95	1	1	6.698717
EV2_str	BOBJ1	123.75	After	Interior Girder 1	123.75	0.95	1	1	5.815679
EV2_str	BOBJ1	123.75	After	Interior Girder 2	123.75	0.95	1	1	5.815679
EV2_str	BOBJ1	123.75	After	Right Exterior Girder	123.75	0.95	1	1	6.698717
EV2_str	BOBJ1	126.4381	Before	Left Exterior Girder	126.4381	0.95	1	1	7.042208
EV2_str	BOBJ1	126.4381	Before	Interior Girder 1	126.4381	0.95	1	1	6.08769
EV2_str	BOBJ1	126.4381	Before	Interior Girder 2	126.4381	0.95	1	1	6.08769
EV2_str	BOBJ1	126.4381	Before	Right Exterior Girder	126.4381	0.95	1	1	7.042208
EV2_str	BOBJ1	126.4381	After	Left Exterior Girder	126.4381	0.95	1	1	3.720562
EV2_str	BOBJ1	126.4381	After	Interior Girder 1	126.4381	0.95	1	1	3.221356
EV2_str	BOBJ1	126.4381	After	Interior Girder 2	126.4381	0.95	1	1	3.221357
EV2_str	BOBJ1	126.4381	After	Right Exterior Girder	126.4381	0.95	1	1	3.720562
EV2_str	BOBJ1	135	Before	Left Exterior Girder	135	0.95	1	1	4.754777
EV2_str	BOBJ1	135	Before	Interior Girder 1	135	0.95	1	1	4.078917
EV2_str	BOBJ1	135	Before	Interior Girder 2	135	0.95	1	1	4.078918
EV2_str	BOBJ1	135	Before	Right Exterior Girder	135	0.95	1	1	4.754777
EV2_str	BOBJ1	135	After	Left Exterior Girder	135	0.95	1	1	4.669055
EV2_str	BOBJ1	135	After	Interior Girder 1	135	0.95	1	1	4.054048
EV2_str	BOBJ1	135	After	Interior Girder 2	135	0.95	1	1	4.054048
EV2_str	BOBJ1	135	After	Right Exterior Girder	135	0.95	1	1	4.669055
EV2_str	BOBJ1	146.25	Before	Left Exterior Girder	146.25	0.95	1	1	6.682009
EV2_str	BOBJ1	146.25	Before	Interior Girder 1	146.25	0.95	1	1	5.527869
EV2_str	BOBJ1	146.25	Before	Interior Girder 2	146.25	0.95	1	1	5.527869
EV2_str	BOBJ1	146.25	Before	Right Exterior Girder	146.25	0.95	1	1	6.682009
EV2_str	BOBJ1	146.25	After	Left Exterior Girder	146.25	0.95	1	1	6.676615
EV2_str	BOBJ1	146.25	After	Interior Girder 1	146.25	0.95	1	1	5.530144
EV2_str	BOBJ1	146.25	After	Interior Girder 2	146.25	0.95	1	1	5.530144
EV2_str	BOBJ1	146.25	After	Right Exterior Girder	146.25	0.95	1	1	6.676615
EV2_str	BOBJ1	157.5	Before	Left Exterior Girder	157.5	0.95	1	1	7.370253
EV2_str	BOBJ1	157.5	Before	Interior Girder 1	157.5	0.95	1	1	7.339545
EV2_str	BOBJ1	157.5	Before	Interior Girder 2	157.5	0.95	1	1	7.339544
EV2_str	BOBJ1	157.5	Before	Right Exterior Girder	157.5	0.95	1	1	7.370254
EV2_str	BOBJ1	157.5	After	Left Exterior Girder	157.5	0.95	1	1	5.236528
EV2_str	BOBJ1	157.5	After	Interior Girder 1	157.5	0.95	1	1	5.187904
EV2_str	BOBJ1	157.5	After	Interior Girder 2	157.5	0.95	1	1	5.187904
EV2_str	BOBJ1	157.5	After	Right Exterior Girder	157.5	0.95	1	1	5.236528
EV2_str	BOBJ1	168.2522	Before	Left Exterior Girder	168.2522	0.95	1	1	2.55665
EV2_str	BOBJ1	168.2522	Before	Interior Girder 1	168.2522	0.95	1	1	2.5105
EV2_str	BOBJ1	168.2522	Before	Interior Girder 2	168.2522	0.95	1	1	2.5105
EV2_str	BOBJ1	168.2522	Before	Right Exterior Girder	168.2522	0.95	1	1	2.556651
EV2_str	BOBJ1	168.2522	After	Left Exterior Girder	168.2522	0.95	1	1	8.039328
EV2_str	BOBJ1	168.2522	After	Interior Girder 1	168.2522	0.95	1	1	7.818033
EV2_str	BOBJ1	168.2522	After	Interior Girder 2	168.2522	0.95	1	1	7.818033
EV2_str	BOBJ1	168.2522	After	Right Exterior Girder	168.2522	0.95	1	1	8.039329
EV2_str	BOBJ1	168.75	Before	Left Exterior Girder	168.75	0.95	1	1	7.894835
EV2_str	BOBJ1	168.75	Before	Interior Girder 1	168.75	0.95	1	1	7.686525
EV2_str	BOBJ1	168.75	Before	Interior Girder 2	168.75	0.95	1	1	7.686524
EV2_str	BOBJ1	168.75	Before	Right Exterior Girder	168.75	0.95	1	1	7.894836
EV2_str	BOBJ1	168.75	After	Left Exterior Girder	168.75	0.95	1	1	7.911763
EV2_str	BOBJ1	168.75	After	Interior Girder 1	168.75	0.95	1	1	7.671074
EV2_str	BOBJ1	168.75	After	Interior Girder 2	168.75	0.95	1	1	7.671073
EV2_str	BOBJ1	168.75	After	Right Exterior Girder	168.75	0.95	1	1	7.911763

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelINonCompStrgth-Flx - Main Span Girders									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
EV2_str	BOBJ1	180	Before	Left Exterior Girder	180	0.95	1	1	4.847511
EV2_str	BOBJ1	180	Before	Interior Girder 1	180	0.95	1	1	4.630026
EV2_str	BOBJ1	180	Before	Interior Girder 2	180	0.95	1	1	4.630026
EV2_str	BOBJ1	180	Before	Right Exterior Girder	180	0.95	1	1	4.847511
EV2_str	BOBJ1	180	After	Left Exterior Girder	180	0.95	1	1	6.688844
EV2_str	BOBJ1	180	After	Interior Girder 1	180	0.95	1	1	6.406198
EV2_str	BOBJ1	180	After	Interior Girder 2	180	0.95	1	1	6.406198
EV2_str	BOBJ1	180	After	Right Exterior Girder	180	0.95	1	1	6.688844
EV2_str	BOBJ1	183.1858	Before	Left Exterior Girder	183.1858	0.95	1	1	5.801846
EV2_str	BOBJ1	183.1858	Before	Interior Girder 1	183.1858	0.95	1	1	5.528284
EV2_str	BOBJ1	183.1858	Before	Interior Girder 2	183.1858	0.95	1	1	5.528284
EV2_str	BOBJ1	183.1858	Before	Right Exterior Girder	183.1858	0.95	1	1	5.801846
EV2_str	BOBJ1	183.1858	After	Left Exterior Girder	183.1858	0.95	1	1	12.980025
EV2_str	BOBJ1	183.1858	After	Interior Girder 1	183.1858	0.95	1	1	12.331668
EV2_str	BOBJ1	183.1858	After	Interior Girder 2	183.1858	0.95	1	1	12.331668
EV2_str	BOBJ1	183.1858	After	Right Exterior Girder	183.1858	0.95	1	1	12.980026
EV2_str	BOBJ1	191.25	Before	Left Exterior Girder	191.25	0.95	1	1	10.48774
EV2_str	BOBJ1	191.25	Before	Interior Girder 1	191.25	0.95	1	1	9.792574
EV2_str	BOBJ1	191.25	Before	Interior Girder 2	191.25	0.95	1	1	9.792574
EV2_str	BOBJ1	191.25	Before	Right Exterior Girder	191.25	0.95	1	1	10.48774
EV2_str	BOBJ1	191.25	After	Left Exterior Girder	191.25	0.95	1	1	10.516491
EV2_str	BOBJ1	191.25	After	Interior Girder 1	191.25	0.95	1	1	9.771549
EV2_str	BOBJ1	191.25	After	Interior Girder 2	191.25	0.95	1	1	9.771549
EV2_str	BOBJ1	191.25	After	Right Exterior Girder	191.25	0.95	1	1	10.516492
EV2_str	BOBJ1	199.9414	Before	Left Exterior Girder	199.9414	0.95	1	1	7.765169
EV2_str	BOBJ1	199.9414	Before	Interior Girder 1	199.9414	0.95	1	1	7.143609
EV2_str	BOBJ1	199.9414	Before	Interior Girder 2	199.9414	0.95	1	1	7.143609
EV2_str	BOBJ1	199.9414	Before	Right Exterior Girder	199.9414	0.95	1	1	7.765169
EV2_str	BOBJ1	199.9414	After	Left Exterior Girder	199.9414	0.95	1	1	13.39509
EV2_str	BOBJ1	199.9414	After	Interior Girder 1	199.9414	0.95	1	1	12.320003
EV2_str	BOBJ1	199.9414	After	Interior Girder 2	199.9414	0.95	1	1	12.320003
EV2_str	BOBJ1	199.9414	After	Right Exterior Girder	199.9414	0.95	1	1	13.395091
EV2_str	BOBJ1	202.5	Before	Left Exterior Girder	202.5	0.95	1	1	12.216553
EV2_str	BOBJ1	202.5	Before	Interior Girder 1	202.5	0.95	1	1	11.477404
EV2_str	BOBJ1	202.5	Before	Interior Girder 2	202.5	0.95	1	1	11.477404
EV2_str	BOBJ1	202.5	Before	Right Exterior Girder	202.5	0.95	1	1	12.216553
EV2_str	BOBJ1	202.5	After	Left Exterior Girder	202.5	0.95	1	1	12.653988
EV2_str	BOBJ1	202.5	After	Interior Girder 1	202.5	0.95	1	1	11.603052
EV2_str	BOBJ1	202.5	After	Interior Girder 2	202.5	0.95	1	1	11.603052
EV2_str	BOBJ1	202.5	After	Right Exterior Girder	202.5	0.95	1	1	12.653988
EV2_str	BOBJ1	210.5642	Before	Left Exterior Girder	210.5642	0.95	1	1	9.168671
EV2_str	BOBJ1	210.5642	Before	Interior Girder 1	210.5642	0.95	1	1	8.724925
EV2_str	BOBJ1	210.5642	Before	Interior Girder 2	210.5642	0.95	1	1	8.724925
EV2_str	BOBJ1	210.5642	Before	Right Exterior Girder	210.5642	0.95	1	1	9.168671
EV2_str	BOBJ1	210.5642	After	Left Exterior Girder	210.5642	0.95	1	1	14.099667
EV2_str	BOBJ1	210.5642	After	Interior Girder 1	210.5642	0.95	1	1	13.452186
EV2_str	BOBJ1	210.5642	After	Interior Girder 2	210.5642	0.95	1	1	13.452186
EV2_str	BOBJ1	210.5642	After	Right Exterior Girder	210.5642	0.95	1	1	14.099667
EV2_str	BOBJ1	213.75	Before	Left Exterior Girder	213.75	0.95	1	1	12.544286
EV2_str	BOBJ1	213.75	Before	Interior Girder 1	213.75	0.95	1	1	11.796543
EV2_str	BOBJ1	213.75	Before	Interior Girder 2	213.75	0.95	1	1	11.796543
EV2_str	BOBJ1	213.75	Before	Right Exterior Girder	213.75	0.95	1	1	12.544286
EV2_str	BOBJ1	213.75	After	Left Exterior Girder	213.75	0.95	1	1	12.529935
EV2_str	BOBJ1	213.75	After	Interior Girder 1	213.75	0.95	1	1	11.773405
EV2_str	BOBJ1	213.75	After	Interior Girder 2	213.75	0.95	1	1	11.773405
EV2_str	BOBJ1	213.75	After	Right Exterior Girder	213.75	0.95	1	1	12.529935
EV2_str	BOBJ1	225	Before	Left Exterior Girder	225	0.95	1	1	7.54858
EV2_str	BOBJ1	225	Before	Interior Girder 1	225	0.95	1	1	6.768522
EV2_str	BOBJ1	225	Before	Interior Girder 2	225	0.95	1	1	6.768522
EV2_str	BOBJ1	225	Before	Right Exterior Girder	225	0.95	1	1	7.54858
EV2_str	BOBJ1	225	After	Left Exterior Girder	0	0.95	1	1	7.117399
EV2_str	BOBJ1	225	After	Interior Girder 1	0	0.95	1	1	6.503344
EV2_str	BOBJ1	225	After	Interior Girder 2	0	0.95	1	1	6.503344
EV2_str	BOBJ1	225	After	Right Exterior Girder	0	0.95	1	1	7.117398
EV2_str	BOBJ1	236.45	Before	Left Exterior Girder	11.45	0.95	1	1	12.648711
EV2_str	BOBJ1	236.45	Before	Interior Girder 1	11.45	0.95	1	1	12.516095
EV2_str	BOBJ1	236.45	Before	Interior Girder 2	11.45	0.95	1	1	12.516096
EV2_str	BOBJ1	236.45	Before	Right Exterior Girder	11.45	0.95	1	1	12.648711

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelNonCompStrgth-Flx - Main Span Girders									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
EV2_str	BOBJ1	236.45	After	Left Exterior Girder	11.45	0.95	1	1	12.675145
EV2_str	BOBJ1	236.45	After	Interior Girder 1	11.45	0.95	1	1	12.521482
EV2_str	BOBJ1	236.45	After	Interior Girder 2	11.45	0.95	1	1	12.521483
EV2_str	BOBJ1	236.45	After	Right Exterior Girder	11.45	0.95	1	1	12.675145
EV2_str	BOBJ1	239.5082	Before	Left Exterior Girder	14.5082	0.95	1	1	14.558171
EV2_str	BOBJ1	239.5082	Before	Interior Girder 1	14.5082	0.95	1	1	14.482904
EV2_str	BOBJ1	239.5082	Before	Interior Girder 2	14.5082	0.95	1	1	14.482905
EV2_str	BOBJ1	239.5082	Before	Right Exterior Girder	14.5082	0.95	1	1	14.558171
EV2_str	BOBJ1	239.5082	After	Left Exterior Girder	14.5082	0.95	1	1	9.557315
EV2_str	BOBJ1	239.5082	After	Interior Girder 1	14.5082	0.95	1	1	9.500663
EV2_str	BOBJ1	239.5082	After	Interior Girder 2	14.5082	0.95	1	1	9.500664
EV2_str	BOBJ1	239.5082	After	Right Exterior Girder	14.5082	0.95	1	1	9.557315
EV2_str	BOBJ1	247.9	Before	Left Exterior Girder	22.9	0.95	1	1	14.571104
EV2_str	BOBJ1	247.9	Before	Interior Girder 1	22.9	0.95	1	1	14.332938
EV2_str	BOBJ1	247.9	Before	Interior Girder 2	22.9	0.95	1	1	14.332938
EV2_str	BOBJ1	247.9	Before	Right Exterior Girder	22.9	0.95	1	1	14.571104
EV2_str	BOBJ1	247.9	After	Left Exterior Girder	22.9	0.95	1	1	14.178384
EV2_str	BOBJ1	247.9	After	Interior Girder 1	22.9	0.95	1	1	14.318354
EV2_str	BOBJ1	247.9	After	Interior Girder 2	22.9	0.95	1	1	14.318354
EV2_str	BOBJ1	247.9	After	Right Exterior Girder	22.9	0.95	1	1	14.178384
EV2_str	BOBJ1	258.5189	Before	Left Exterior Girder	33.5189	0.95	1	1	20.283587
EV2_str	BOBJ1	258.5189	Before	Interior Girder 1	33.5189	0.95	1	1	18.895126
EV2_str	BOBJ1	258.5189	Before	Interior Girder 2	33.5189	0.95	1	1	18.895126
EV2_str	BOBJ1	258.5189	Before	Right Exterior Girder	33.5189	0.95	1	1	20.283587
EV2_str	BOBJ1	258.5189	After	Left Exterior Girder	33.5189	0.95	1	1	13.797921
EV2_str	BOBJ1	258.5189	After	Interior Girder 1	33.5189	0.95	1	1	12.715141
EV2_str	BOBJ1	258.5189	After	Interior Girder 2	33.5189	0.95	1	1	12.71514
EV2_str	BOBJ1	258.5189	After	Right Exterior Girder	33.5189	0.95	1	1	13.797921
EV2_str	BOBJ1	259.3	Before	Left Exterior Girder	34.3	0.95	1	1	14.123546
EV2_str	BOBJ1	259.3	Before	Interior Girder 1	34.3	0.95	1	1	13.031196
EV2_str	BOBJ1	259.3	Before	Interior Girder 2	34.3	0.95	1	1	13.031196
EV2_str	BOBJ1	259.3	Before	Right Exterior Girder	34.3	0.95	1	1	14.123546
EV2_str	BOBJ1	259.3	After	Left Exterior Girder	34.3	0.95	1	1	14.113706
EV2_str	BOBJ1	259.3	After	Interior Girder 1	34.3	0.95	1	1	13.039642
EV2_str	BOBJ1	259.3	After	Interior Girder 2	34.3	0.95	1	1	13.039641
EV2_str	BOBJ1	259.3	After	Right Exterior Girder	34.3	0.95	1	1	14.113706
EV2_str	BOBJ1	266.1031	Before	Left Exterior Girder	41.1031	0.95	1	1	16.869312
EV2_str	BOBJ1	266.1031	Before	Interior Girder 1	41.1031	0.95	1	1	15.844543
EV2_str	BOBJ1	266.1031	Before	Interior Girder 2	41.1031	0.95	1	1	15.844543
EV2_str	BOBJ1	266.1031	Before	Right Exterior Girder	41.1031	0.95	1	1	16.869313
EV2_str	BOBJ1	266.1031	After	Left Exterior Girder	41.1031	0.95	1	1	8.735507
EV2_str	BOBJ1	266.1031	After	Interior Girder 1	41.1031	0.95	1	1	8.213045
EV2_str	BOBJ1	266.1031	After	Interior Girder 2	41.1031	0.95	1	1	8.213045
EV2_str	BOBJ1	266.1031	After	Right Exterior Girder	41.1031	0.95	1	1	8.735507
EV2_str	BOBJ1	270.7	Before	Left Exterior Girder	45.7	0.95	1	1	10.470209
EV2_str	BOBJ1	270.7	Before	Interior Girder 1	45.7	0.95	1	1	9.950173
EV2_str	BOBJ1	270.7	Before	Interior Girder 2	45.7	0.95	1	1	9.950172
EV2_str	BOBJ1	270.7	Before	Right Exterior Girder	45.7	0.95	1	1	10.470209
EV2_str	BOBJ1	270.7	After	Left Exterior Girder	45.7	0.95	1	1	12.27624
EV2_str	BOBJ1	270.7	After	Interior Girder 1	45.7	0.95	1	1	11.662297
EV2_str	BOBJ1	270.7	After	Interior Girder 2	45.7	0.95	1	1	11.662297
EV2_str	BOBJ1	270.7	After	Right Exterior Girder	45.7	0.95	1	1	12.27624
EV2_str	BOBJ1	273.6874	Before	Left Exterior Girder	48.6874	0.95	1	1	13.449445
EV2_str	BOBJ1	273.6874	Before	Interior Girder 1	48.6874	0.95	1	1	12.829023
EV2_str	BOBJ1	273.6874	Before	Interior Girder 2	48.6874	0.95	1	1	12.829022
EV2_str	BOBJ1	273.6874	Before	Right Exterior Girder	48.6874	0.95	1	1	13.449445
EV2_str	BOBJ1	273.6874	After	Left Exterior Girder	48.6874	0.95	1	1	5.789179
EV2_str	BOBJ1	273.6874	After	Interior Girder 1	48.6874	0.95	1	1	5.561457
EV2_str	BOBJ1	273.6874	After	Interior Girder 2	48.6874	0.95	1	1	5.561457
EV2_str	BOBJ1	273.6874	After	Right Exterior Girder	48.6874	0.95	1	1	5.789178
EV2_str	BOBJ1	282.15	Before	Left Exterior Girder	57.15	0.95	1	1	8.872904
EV2_str	BOBJ1	282.15	Before	Interior Girder 1	57.15	0.95	1	1	8.57931
EV2_str	BOBJ1	282.15	Before	Interior Girder 2	57.15	0.95	1	1	8.579309
EV2_str	BOBJ1	282.15	Before	Right Exterior Girder	57.15	0.95	1	1	8.872904
EV2_str	BOBJ1	282.15	After	Left Exterior Girder	57.15	0.95	1	1	8.86015
EV2_str	BOBJ1	282.15	After	Interior Girder 1	57.15	0.95	1	1	8.596172
EV2_str	BOBJ1	282.15	After	Interior Girder 2	57.15	0.95	1	1	8.596172
EV2_str	BOBJ1	282.15	After	Right Exterior Girder	57.15	0.95	1	1	8.86015

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelNonCompStrgth-Flx - Main Span Girders									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
EV2_str	BOBJ1	293.6	Before	Left Exterior Girder	68.6	0.95	1	1	6.513892
EV2_str	BOBJ1	293.6	Before	Interior Girder 1	68.6	0.95	1	1	5.15104
EV2_str	BOBJ1	293.6	Before	Interior Girder 2	68.6	0.95	1	1	5.15104
EV2_str	BOBJ1	293.6	Before	Right Exterior Girder	68.6	0.95	1	1	6.513891
EV2_str	BOBJ1	293.6	After	Left Exterior Girder	68.6	0.95	1	1	6.744838
EV2_str	BOBJ1	293.6	After	Interior Girder 1	68.6	0.95	1	1	5.247028
EV2_str	BOBJ1	293.6	After	Interior Girder 2	68.6	0.95	1	1	5.247028
EV2_str	BOBJ1	293.6	After	Right Exterior Girder	68.6	0.95	1	1	6.744838
EV2_str	BOBJ1	305	Before	Left Exterior Girder	80	0.95	1	1	3.659758
EV2_str	BOBJ1	305	Before	Interior Girder 1	80	0.95	1	1	2.914404
EV2_str	BOBJ1	305	Before	Interior Girder 2	80	0.95	1	1	2.914404
EV2_str	BOBJ1	305	Before	Right Exterior Girder	80	0.95	1	1	3.659758
EV2_str	BOBJ1	305	After	Left Exterior Girder	80	0.95	1	1	3.660293
EV2_str	BOBJ1	305	After	Interior Girder 1	80	0.95	1	1	2.913971
EV2_str	BOBJ1	305	After	Interior Girder 2	80	0.95	1	1	2.913971
EV2_str	BOBJ1	305	After	Right Exterior Girder	80	0.95	1	1	3.660293
EV2_str	BOBJ1	306.9561	Before	Left Exterior Girder	81.9561	0.95	1	1	3.246263
EV2_str	BOBJ1	306.9561	Before	Interior Girder 1	81.9561	0.95	1	1	2.614277
EV2_str	BOBJ1	306.9561	Before	Interior Girder 2	81.9561	0.95	1	1	2.614277
EV2_str	BOBJ1	306.9561	Before	Right Exterior Girder	81.9561	0.95	1	1	3.246263
EV2_str	BOBJ1	306.9561	After	Left Exterior Girder	81.9561	0.95	1	1	8.492704
EV2_str	BOBJ1	306.9561	After	Interior Girder 1	81.9561	0.95	1	1	6.929394
EV2_str	BOBJ1	306.9561	After	Interior Girder 2	81.9561	0.95	1	1	6.929394
EV2_str	BOBJ1	306.9561	After	Right Exterior Girder	81.9561	0.95	1	1	8.492704
EV2_str	BOBJ1	316.4	Before	Left Exterior Girder	91.4	0.95	1	1	6.254879
EV2_str	BOBJ1	316.4	Before	Interior Girder 1	91.4	0.95	1	1	5.301834
EV2_str	BOBJ1	316.4	Before	Interior Girder 2	91.4	0.95	1	1	5.301834
EV2_str	BOBJ1	316.4	Before	Right Exterior Girder	91.4	0.95	1	1	6.25488
EV2_str	BOBJ1	316.4	After	Left Exterior Girder	91.4	0.95	1	1	6.338056
EV2_str	BOBJ1	316.4	After	Interior Girder 1	91.4	0.95	1	1	5.292282
EV2_str	BOBJ1	316.4	After	Interior Girder 2	91.4	0.95	1	1	5.292282
EV2_str	BOBJ1	316.4	After	Right Exterior Girder	91.4	0.95	1	1	6.338055
EV2_str	BOBJ1	327.85	Before	Left Exterior Girder	102.9679	0.95	1	1	4.550471
EV2_str	BOBJ1	327.85	Before	Interior Girder 1	102.9679	0.95	1	1	3.822335
EV2_str	BOBJ1	327.85	Before	Interior Girder 2	102.9679	0.95	1	1	3.822336
EV2_str	BOBJ1	327.85	Before	Right Exterior Girder	102.9679	0.95	1	1	4.550471
EV2_str	BOBJ1	327.85	After	Left Exterior Girder	102.9679	0.95	1	1	8.790493
EV2_str	BOBJ1	327.85	After	Interior Girder 1	102.9679	0.95	1	1	7.513689
EV2_str	BOBJ1	327.85	After	Interior Girder 2	102.9679	0.95	1	1	7.513689
EV2_str	BOBJ1	327.85	After	Right Exterior Girder	102.9679	0.95	1	1	8.790493
EV2_str	BOBJ1	339.3	Before	Left Exterior Girder	114.3	0.95	1	1	7.163614
EV2_str	BOBJ1	339.3	Before	Interior Girder 1	114.3	0.95	1	1	6.310437
EV2_str	BOBJ1	339.3	Before	Interior Girder 2	114.3	0.95	1	1	6.310438
EV2_str	BOBJ1	339.3	Before	Right Exterior Girder	114.3	0.95	1	1	7.163614
EV2_str	BOBJ1	339.3	After	Left Exterior Girder	114.3	0.95	1	1	7.216759
EV2_str	BOBJ1	339.3	After	Interior Girder 1	114.3	0.95	1	1	6.309624
EV2_str	BOBJ1	339.3	After	Interior Girder 2	114.3	0.95	1	1	6.309624
EV2_str	BOBJ1	339.3	After	Right Exterior Girder	114.3	0.95	1	1	7.21676
EV2_str	BOBJ1	350.7	Before	Left Exterior Girder	125.7	0.95	1	1	6.199612
EV2_str	BOBJ1	350.7	Before	Interior Girder 1	125.7	0.95	1	1	5.413231
EV2_str	BOBJ1	350.7	Before	Interior Girder 2	125.7	0.95	1	1	5.413232
EV2_str	BOBJ1	350.7	Before	Right Exterior Girder	125.7	0.95	1	1	6.199612
EV2_str	BOBJ1	350.7	After	Left Exterior Girder	125.7	0.95	1	1	6.197166
EV2_str	BOBJ1	350.7	After	Interior Girder 1	125.7	0.95	1	1	5.419887
EV2_str	BOBJ1	350.7	After	Interior Girder 2	125.7	0.95	1	1	5.419888
EV2_str	BOBJ1	350.7	After	Right Exterior Girder	125.7	0.95	1	1	6.197166
EV2_str	BOBJ1	362.1	Before	Left Exterior Girder	137.1	0.95	1	1	5.496944
EV2_str	BOBJ1	362.1	Before	Interior Girder 1	137.1	0.95	1	1	4.90217
EV2_str	BOBJ1	362.1	Before	Interior Girder 2	137.1	0.95	1	1	4.90217
EV2_str	BOBJ1	362.1	Before	Right Exterior Girder	137.1	0.95	1	1	5.496944
EV2_str	BOBJ1	362.1	After	Left Exterior Girder	137.1	0.95	1	1	5.524407
EV2_str	BOBJ1	362.1	After	Interior Girder 1	137.1	0.95	1	1	4.914212
EV2_str	BOBJ1	362.1	After	Interior Girder 2	137.1	0.95	1	1	4.914212
EV2_str	BOBJ1	362.1	After	Right Exterior Girder	137.1	0.95	1	1	5.524407
EV2_str	BOBJ1	373.55	Before	Left Exterior Girder	148.55	0.95	1	1	5.174443
EV2_str	BOBJ1	373.55	Before	Interior Girder 1	148.55	0.95	1	1	4.570402
EV2_str	BOBJ1	373.55	Before	Interior Girder 2	148.55	0.95	1	1	4.570402
EV2_str	BOBJ1	373.55	Before	Right Exterior Girder	148.55	0.95	1	1	5.174443

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelINonCompStrgth-Flx - Main Span Girders									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
EV2_str	BOBJ1	373.55	After	Left Exterior Girder	148.55	0.95	1	1	5.173208
EV2_str	BOBJ1	373.55	After	Interior Girder 1	148.55	0.95	1	1	4.575577
EV2_str	BOBJ1	373.55	After	Interior Girder 2	148.55	0.95	1	1	4.575577
EV2_str	BOBJ1	373.55	After	Right Exterior Girder	148.55	0.95	1	1	5.173208
EV2_str	BOBJ1	385	Before	Left Exterior Girder	160	0.95	1	1	5.033823
EV2_str	BOBJ1	385	Before	Interior Girder 1	160	0.95	1	1	4.501129
EV2_str	BOBJ1	385	Before	Interior Girder 2	160	0.95	1	1	4.501129
EV2_str	BOBJ1	385	Before	Right Exterior Girder	160	0.95	1	1	5.033822
EV2_str	BOBJ1	385	After	Left Exterior Girder	160	0.95	1	1	5.033822
EV2_str	BOBJ1	385	After	Interior Girder 1	160	0.95	1	1	4.501129
EV2_str	BOBJ1	385	After	Interior Girder 2	160	0.95	1	1	4.501129
EV2_str	BOBJ1	385	After	Right Exterior Girder	160	0.95	1	1	5.033823
EV2_str	BOBJ1	396.45	Before	Left Exterior Girder	171.45	0.95	1	1	5.173208
EV2_str	BOBJ1	396.45	Before	Interior Girder 1	171.45	0.95	1	1	4.575577
EV2_str	BOBJ1	396.45	Before	Interior Girder 2	171.45	0.95	1	1	4.575577
EV2_str	BOBJ1	396.45	Before	Right Exterior Girder	171.45	0.95	1	1	5.173208
EV2_str	BOBJ1	396.45	After	Left Exterior Girder	171.45	0.95	1	1	5.174443
EV2_str	BOBJ1	396.45	After	Interior Girder 1	171.45	0.95	1	1	4.570402
EV2_str	BOBJ1	396.45	After	Interior Girder 2	171.45	0.95	1	1	4.570402
EV2_str	BOBJ1	396.45	After	Right Exterior Girder	171.45	0.95	1	1	5.174443
EV2_str	BOBJ1	407.9	Before	Left Exterior Girder	182.9	0.95	1	1	5.524407
EV2_str	BOBJ1	407.9	Before	Interior Girder 1	182.9	0.95	1	1	4.914212
EV2_str	BOBJ1	407.9	Before	Interior Girder 2	182.9	0.95	1	1	4.914212
EV2_str	BOBJ1	407.9	Before	Right Exterior Girder	182.9	0.95	1	1	5.524407
EV2_str	BOBJ1	407.9	After	Left Exterior Girder	182.9	0.95	1	1	5.496944
EV2_str	BOBJ1	407.9	After	Interior Girder 1	182.9	0.95	1	1	4.90217
EV2_str	BOBJ1	407.9	After	Interior Girder 2	182.9	0.95	1	1	4.90217
EV2_str	BOBJ1	407.9	After	Right Exterior Girder	182.9	0.95	1	1	5.496944
EV2_str	BOBJ1	419.3	Before	Left Exterior Girder	194.3	0.95	1	1	6.197166
EV2_str	BOBJ1	419.3	Before	Interior Girder 1	194.3	0.95	1	1	5.419887
EV2_str	BOBJ1	419.3	Before	Interior Girder 2	194.3	0.95	1	1	5.419887
EV2_str	BOBJ1	419.3	Before	Right Exterior Girder	194.3	0.95	1	1	6.197166
EV2_str	BOBJ1	419.3	After	Left Exterior Girder	194.3	0.95	1	1	6.199612
EV2_str	BOBJ1	419.3	After	Interior Girder 1	194.3	0.95	1	1	5.413231
EV2_str	BOBJ1	419.3	After	Interior Girder 2	194.3	0.95	1	1	5.413231
EV2_str	BOBJ1	419.3	After	Right Exterior Girder	194.3	0.95	1	1	6.199612
EV2_str	BOBJ1	430.7	Before	Left Exterior Girder	205.7	0.95	1	1	7.21676
EV2_str	BOBJ1	430.7	Before	Interior Girder 1	205.7	0.95	1	1	6.309624
EV2_str	BOBJ1	430.7	Before	Interior Girder 2	205.7	0.95	1	1	6.309624
EV2_str	BOBJ1	430.7	Before	Right Exterior Girder	205.7	0.95	1	1	7.216759
EV2_str	BOBJ1	430.7	After	Left Exterior Girder	205.7	0.95	1	1	7.163614
EV2_str	BOBJ1	430.7	After	Interior Girder 1	205.7	0.95	1	1	6.310437
EV2_str	BOBJ1	430.7	After	Interior Girder 2	205.7	0.95	1	1	6.310437
EV2_str	BOBJ1	430.7	After	Right Exterior Girder	205.7	0.95	1	1	7.163614
EV2_str	BOBJ1	442.15	Before	Left Exterior Girder	217.0321	0.95	1	1	8.776186
EV2_str	BOBJ1	442.15	Before	Interior Girder 1	217.0321	0.95	1	1	7.513867
EV2_str	BOBJ1	442.15	Before	Interior Girder 2	217.0321	0.95	1	1	7.513867
EV2_str	BOBJ1	442.15	Before	Right Exterior Girder	217.0321	0.95	1	1	8.776186
EV2_str	BOBJ1	442.15	After	Left Exterior Girder	217.0321	0.95	1	1	4.544168
EV2_str	BOBJ1	442.15	After	Interior Girder 1	217.0321	0.95	1	1	3.82135
EV2_str	BOBJ1	442.15	After	Interior Girder 2	217.0321	0.95	1	1	3.82135
EV2_str	BOBJ1	442.15	After	Right Exterior Girder	217.0321	0.95	1	1	4.544168
EV2_str	BOBJ1	453.6	Before	Left Exterior Girder	228.6	0.95	1	1	6.338056
EV2_str	BOBJ1	453.6	Before	Interior Girder 1	228.6	0.95	1	1	5.292281
EV2_str	BOBJ1	453.6	Before	Interior Girder 2	228.6	0.95	1	1	5.292281
EV2_str	BOBJ1	453.6	Before	Right Exterior Girder	228.6	0.95	1	1	6.338055
EV2_str	BOBJ1	453.6	After	Left Exterior Girder	228.6	0.95	1	1	6.254879
EV2_str	BOBJ1	453.6	After	Interior Girder 1	228.6	0.95	1	1	5.301834
EV2_str	BOBJ1	453.6	After	Interior Girder 2	228.6	0.95	1	1	5.301834
EV2_str	BOBJ1	453.6	After	Right Exterior Girder	228.6	0.95	1	1	6.254879
EV2_str	BOBJ1	463.0439	Before	Left Exterior Girder	238.0439	0.95	1	1	8.468044
EV2_str	BOBJ1	463.0439	Before	Interior Girder 1	238.0439	0.95	1	1	6.929606
EV2_str	BOBJ1	463.0439	Before	Interior Girder 2	238.0439	0.95	1	1	6.929606
EV2_str	BOBJ1	463.0439	Before	Right Exterior Girder	238.0439	0.95	1	1	8.468044
EV2_str	BOBJ1	463.0439	After	Left Exterior Girder	238.0439	0.95	1	1	3.237879
EV2_str	BOBJ1	463.0439	After	Interior Girder 1	238.0439	0.95	1	1	2.612689
EV2_str	BOBJ1	463.0439	After	Interior Girder 2	238.0439	0.95	1	1	2.612689
EV2_str	BOBJ1	463.0439	After	Right Exterior Girder	238.0439	0.95	1	1	3.237878

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelNonCompStrgth-Flx - Main Span Girders									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
EV2_str	BOBJ1	465	Before	Left Exterior Girder	240	0.95	1	1	3.660293
EV2_str	BOBJ1	465	Before	Interior Girder 1	240	0.95	1	1	2.913971
EV2_str	BOBJ1	465	Before	Interior Girder 2	240	0.95	1	1	2.913972
EV2_str	BOBJ1	465	Before	Right Exterior Girder	240	0.95	1	1	3.660293
EV2_str	BOBJ1	465	After	Left Exterior Girder	240	0.95	1	1	3.659758
EV2_str	BOBJ1	465	After	Interior Girder 1	240	0.95	1	1	2.914404
EV2_str	BOBJ1	465	After	Interior Girder 2	240	0.95	1	1	2.914404
EV2_str	BOBJ1	465	After	Right Exterior Girder	240	0.95	1	1	3.659758
EV2_str	BOBJ1	476.4	Before	Left Exterior Girder	251.4	0.95	1	1	6.744838
EV2_str	BOBJ1	476.4	Before	Interior Girder 1	251.4	0.95	1	1	5.247028
EV2_str	BOBJ1	476.4	Before	Interior Girder 2	251.4	0.95	1	1	5.247028
EV2_str	BOBJ1	476.4	Before	Right Exterior Girder	251.4	0.95	1	1	6.744838
EV2_str	BOBJ1	476.4	After	Left Exterior Girder	251.4	0.95	1	1	6.513891
EV2_str	BOBJ1	476.4	After	Interior Girder 1	251.4	0.95	1	1	5.15104
EV2_str	BOBJ1	476.4	After	Interior Girder 2	251.4	0.95	1	1	5.15104
EV2_str	BOBJ1	476.4	After	Right Exterior Girder	251.4	0.95	1	1	6.513891
EV2_str	BOBJ1	487.85	Before	Left Exterior Girder	262.85	0.95	1	1	8.86015
EV2_str	BOBJ1	487.85	Before	Interior Girder 1	262.85	0.95	1	1	8.596172
EV2_str	BOBJ1	487.85	Before	Interior Girder 2	262.85	0.95	1	1	8.596173
EV2_str	BOBJ1	487.85	Before	Right Exterior Girder	262.85	0.95	1	1	8.86015
EV2_str	BOBJ1	487.85	After	Left Exterior Girder	262.85	0.95	1	1	8.872903
EV2_str	BOBJ1	487.85	After	Interior Girder 1	262.85	0.95	1	1	8.57931
EV2_str	BOBJ1	487.85	After	Interior Girder 2	262.85	0.95	1	1	8.57931
EV2_str	BOBJ1	487.85	After	Right Exterior Girder	262.85	0.95	1	1	8.872903
EV2_str	BOBJ1	496.3126	Before	Left Exterior Girder	271.3126	0.95	1	1	5.79075
EV2_str	BOBJ1	496.3126	Before	Interior Girder 1	271.3126	0.95	1	1	5.566734
EV2_str	BOBJ1	496.3126	Before	Interior Girder 2	271.3126	0.95	1	1	5.566733
EV2_str	BOBJ1	496.3126	Before	Right Exterior Girder	271.3126	0.95	1	1	5.790751
EV2_str	BOBJ1	496.3126	After	Left Exterior Girder	271.3126	0.95	1	1	13.454292
EV2_str	BOBJ1	496.3126	After	Interior Girder 1	271.3126	0.95	1	1	12.839447
EV2_str	BOBJ1	496.3126	After	Interior Girder 2	271.3126	0.95	1	1	12.839447
EV2_str	BOBJ1	496.3126	After	Right Exterior Girder	271.3126	0.95	1	1	13.454292
EV2_str	BOBJ1	499.3	Before	Left Exterior Girder	274.3	0.95	1	1	12.27624
EV2_str	BOBJ1	499.3	Before	Interior Girder 1	274.3	0.95	1	1	11.662297
EV2_str	BOBJ1	499.3	Before	Interior Girder 2	274.3	0.95	1	1	11.662297
EV2_str	BOBJ1	499.3	Before	Right Exterior Girder	274.3	0.95	1	1	12.27624
EV2_str	BOBJ1	499.3	After	Left Exterior Girder	274.3	0.95	1	1	10.470208
EV2_str	BOBJ1	499.3	After	Interior Girder 1	274.3	0.95	1	1	9.950172
EV2_str	BOBJ1	499.3	After	Interior Girder 2	274.3	0.95	1	1	9.950172
EV2_str	BOBJ1	499.3	After	Right Exterior Girder	274.3	0.95	1	1	10.470208
EV2_str	BOBJ1	503.8969	Before	Left Exterior Girder	278.8969	0.95	1	1	8.735507
EV2_str	BOBJ1	503.8969	Before	Interior Girder 1	278.8969	0.95	1	1	8.213045
EV2_str	BOBJ1	503.8969	Before	Interior Girder 2	278.8969	0.95	1	1	8.213045
EV2_str	BOBJ1	503.8969	Before	Right Exterior Girder	278.8969	0.95	1	1	8.735507
EV2_str	BOBJ1	503.8969	After	Left Exterior Girder	278.8969	0.95	1	1	16.869312
EV2_str	BOBJ1	503.8969	After	Interior Girder 1	278.8969	0.95	1	1	15.844543
EV2_str	BOBJ1	503.8969	After	Interior Girder 2	278.8969	0.95	1	1	15.844542
EV2_str	BOBJ1	503.8969	After	Right Exterior Girder	278.8969	0.95	1	1	16.869312
EV2_str	BOBJ1	510.7	Before	Left Exterior Girder	285.7	0.95	1	1	14.113706
EV2_str	BOBJ1	510.7	Before	Interior Girder 1	285.7	0.95	1	1	13.039641
EV2_str	BOBJ1	510.7	Before	Interior Girder 2	285.7	0.95	1	1	13.039641
EV2_str	BOBJ1	510.7	Before	Right Exterior Girder	285.7	0.95	1	1	14.113706
EV2_str	BOBJ1	510.7	After	Left Exterior Girder	285.7	0.95	1	1	14.123546
EV2_str	BOBJ1	510.7	After	Interior Girder 1	285.7	0.95	1	1	13.031196
EV2_str	BOBJ1	510.7	After	Interior Girder 2	285.7	0.95	1	1	13.031195
EV2_str	BOBJ1	510.7	After	Right Exterior Girder	285.7	0.95	1	1	14.123546
EV2_str	BOBJ1	511.4811	Before	Left Exterior Girder	286.4811	0.95	1	1	13.800116
EV2_str	BOBJ1	511.4811	Before	Interior Girder 1	286.4811	0.95	1	1	12.722194
EV2_str	BOBJ1	511.4811	Before	Interior Girder 2	286.4811	0.95	1	1	12.722194
EV2_str	BOBJ1	511.4811	Before	Right Exterior Girder	286.4811	0.95	1	1	13.800116
EV2_str	BOBJ1	511.4811	After	Left Exterior Girder	286.4811	0.95	1	1	20.337692
EV2_str	BOBJ1	511.4811	After	Interior Girder 1	286.4811	0.95	1	1	18.903645
EV2_str	BOBJ1	511.4811	After	Interior Girder 2	286.4811	0.95	1	1	18.903644
EV2_str	BOBJ1	511.4811	After	Right Exterior Girder	286.4811	0.95	1	1	20.337692
EV2_str	BOBJ1	522.1	Before	Left Exterior Girder	297.1	0.95	1	1	14.178385
EV2_str	BOBJ1	522.1	Before	Interior Girder 1	297.1	0.95	1	1	14.318354
EV2_str	BOBJ1	522.1	Before	Interior Girder 2	297.1	0.95	1	1	14.318353
EV2_str	BOBJ1	522.1	Before	Right Exterior Girder	297.1	0.95	1	1	14.178385

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelNonCompStrgth-Flx - Main Span Girders

Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
EV2_str	BOBJ1	522.1	After	Left Exterior Girder	297.1	0.95	1	1	14.571104
EV2_str	BOBJ1	522.1	After	Interior Girder 1	297.1	0.95	1	1	14.332938
EV2_str	BOBJ1	522.1	After	Interior Girder 2	297.1	0.95	1	1	14.332937
EV2_str	BOBJ1	522.1	After	Right Exterior Girder	297.1	0.95	1	1	14.571104
EV2_str	BOBJ1	530.4918	Before	Left Exterior Girder	305.4918	0.95	1	1	9.557315
EV2_str	BOBJ1	530.4918	Before	Interior Girder 1	305.4918	0.95	1	1	9.500663
EV2_str	BOBJ1	530.4918	Before	Interior Girder 2	305.4918	0.95	1	1	9.500664
EV2_str	BOBJ1	530.4918	Before	Right Exterior Girder	305.4918	0.95	1	1	9.557315
EV2_str	BOBJ1	530.4918	After	Left Exterior Girder	305.4918	0.95	1	1	14.558172
EV2_str	BOBJ1	530.4918	After	Interior Girder 1	305.4918	0.95	1	1	14.482903
EV2_str	BOBJ1	530.4918	After	Interior Girder 2	305.4918	0.95	1	1	14.482905
EV2_str	BOBJ1	530.4918	After	Right Exterior Girder	305.4918	0.95	1	1	14.558172
EV2_str	BOBJ1	533.55	Before	Left Exterior Girder	308.55	0.95	1	1	12.675146
EV2_str	BOBJ1	533.55	Before	Interior Girder 1	308.55	0.95	1	1	12.521482
EV2_str	BOBJ1	533.55	Before	Interior Girder 2	308.55	0.95	1	1	12.521483
EV2_str	BOBJ1	533.55	Before	Right Exterior Girder	308.55	0.95	1	1	12.675145
EV2_str	BOBJ1	533.55	After	Left Exterior Girder	308.55	0.95	1	1	12.648712
EV2_str	BOBJ1	533.55	After	Interior Girder 1	308.55	0.95	1	1	12.516095
EV2_str	BOBJ1	533.55	After	Interior Girder 2	308.55	0.95	1	1	12.516096
EV2_str	BOBJ1	533.55	After	Right Exterior Girder	308.55	0.95	1	1	12.648711
EV2_str	BOBJ1	545	Before	Left Exterior Girder	320	0.95	1	1	7.117399
EV2_str	BOBJ1	545	Before	Interior Girder 1	320	0.95	1	1	6.503344
EV2_str	BOBJ1	545	Before	Interior Girder 2	320	0.95	1	1	6.503344
EV2_str	BOBJ1	545	Before	Right Exterior Girder	320	0.95	1	1	7.117399
EV2_str	BOBJ1	545	After	Left Exterior Girder	0	0.95	1	1	7.54858
EV2_str	BOBJ1	545	After	Interior Girder 1	0	0.95	1	1	6.772638
EV2_str	BOBJ1	545	After	Interior Girder 2	0	0.95	1	1	6.772638
EV2_str	BOBJ1	545	After	Right Exterior Girder	0	0.95	1	1	7.54858
EV2_str	BOBJ1	556.25	Before	Left Exterior Girder	11.25	0.95	1	1	12.529935
EV2_str	BOBJ1	556.25	Before	Interior Girder 1	11.25	0.95	1	1	11.773405
EV2_str	BOBJ1	556.25	Before	Interior Girder 2	11.25	0.95	1	1	11.773405
EV2_str	BOBJ1	556.25	Before	Right Exterior Girder	11.25	0.95	1	1	12.529935
EV2_str	BOBJ1	556.25	After	Left Exterior Girder	11.25	0.95	1	1	12.544287
EV2_str	BOBJ1	556.25	After	Interior Girder 1	11.25	0.95	1	1	11.796543
EV2_str	BOBJ1	556.25	After	Interior Girder 2	11.25	0.95	1	1	11.796543
EV2_str	BOBJ1	556.25	After	Right Exterior Girder	11.25	0.95	1	1	12.544286
EV2_str	BOBJ1	559.4358	Before	Left Exterior Girder	14.4358	0.95	1	1	14.099667
EV2_str	BOBJ1	559.4358	Before	Interior Girder 1	14.4358	0.95	1	1	13.452187
EV2_str	BOBJ1	559.4358	Before	Interior Girder 2	14.4358	0.95	1	1	13.452187
EV2_str	BOBJ1	559.4358	Before	Right Exterior Girder	14.4358	0.95	1	1	14.099667
EV2_str	BOBJ1	559.4358	After	Left Exterior Girder	14.4358	0.95	1	1	9.168671
EV2_str	BOBJ1	559.4358	After	Interior Girder 1	14.4358	0.95	1	1	8.724925
EV2_str	BOBJ1	559.4358	After	Interior Girder 2	14.4358	0.95	1	1	8.724925
EV2_str	BOBJ1	559.4358	After	Right Exterior Girder	14.4358	0.95	1	1	9.168671
EV2_str	BOBJ1	567.5	Before	Left Exterior Girder	22.5	0.95	1	1	12.653989
EV2_str	BOBJ1	567.5	Before	Interior Girder 1	22.5	0.95	1	1	11.603053
EV2_str	BOBJ1	567.5	Before	Interior Girder 2	22.5	0.95	1	1	11.603053
EV2_str	BOBJ1	567.5	Before	Right Exterior Girder	22.5	0.95	1	1	12.653988
EV2_str	BOBJ1	567.5	After	Left Exterior Girder	22.5	0.95	1	1	13.445595
EV2_str	BOBJ1	567.5	After	Interior Girder 1	22.5	0.95	1	1	12.523379
EV2_str	BOBJ1	567.5	After	Interior Girder 2	22.5	0.95	1	1	12.523379
EV2_str	BOBJ1	567.5	After	Right Exterior Girder	22.5	0.95	1	1	13.445595
EV2_str	BOBJ1	570.0586	Before	Left Exterior Girder	25.0586	0.95	1	1	14.684213
EV2_str	BOBJ1	570.0586	Before	Interior Girder 1	25.0586	0.95	1	1	13.37617
EV2_str	BOBJ1	570.0586	Before	Interior Girder 2	25.0586	0.95	1	1	13.37617
EV2_str	BOBJ1	570.0586	Before	Right Exterior Girder	25.0586	0.95	1	1	14.684213
EV2_str	BOBJ1	570.0586	After	Left Exterior Girder	25.0586	0.95	1	1	8.759004
EV2_str	BOBJ1	570.0586	After	Interior Girder 1	25.0586	0.95	1	1	7.960709
EV2_str	BOBJ1	570.0586	After	Interior Girder 2	25.0586	0.95	1	1	7.960709
EV2_str	BOBJ1	570.0586	After	Right Exterior Girder	25.0586	0.95	1	1	8.759004
EV2_str	BOBJ1	578.75	Before	Left Exterior Girder	33.75	0.95	1	1	11.554573
EV2_str	BOBJ1	578.75	Before	Interior Girder 1	33.75	0.95	1	1	10.641842
EV2_str	BOBJ1	578.75	Before	Interior Girder 2	33.75	0.95	1	1	10.641842
EV2_str	BOBJ1	578.75	Before	Right Exterior Girder	33.75	0.95	1	1	11.554573
EV2_str	BOBJ1	578.75	After	Left Exterior Girder	33.75	0.95	1	1	11.526528
EV2_str	BOBJ1	578.75	After	Interior Girder 1	33.75	0.95	1	1	10.661707
EV2_str	BOBJ1	578.75	After	Interior Girder 2	33.75	0.95	1	1	10.661707
EV2_str	BOBJ1	578.75	After	Right Exterior Girder	33.75	0.95	1	1	11.526528

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelINonCompStrgth-Flx - Main Span Girders									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
EV2_str	BOBJ1	586.8142	Before	Left Exterior Girder	41.8142	0.95	1	1	14.069008
EV2_str	BOBJ1	586.8142	Before	Interior Girder 1	41.8142	0.95	1	1	13.240327
EV2_str	BOBJ1	586.8142	Before	Interior Girder 2	41.8142	0.95	1	1	13.240327
EV2_str	BOBJ1	586.8142	Before	Right Exterior Girder	41.8142	0.95	1	1	14.069008
EV2_str	BOBJ1	586.8142	After	Left Exterior Girder	41.8142	0.95	1	1	6.516456
EV2_str	BOBJ1	586.8142	After	Interior Girder 1	41.8142	0.95	1	1	6.125493
EV2_str	BOBJ1	586.8142	After	Interior Girder 2	41.8142	0.95	1	1	6.125493
EV2_str	BOBJ1	586.8142	After	Right Exterior Girder	41.8142	0.95	1	1	6.516456
EV2_str	BOBJ1	590	Before	Left Exterior Girder	45	0.95	1	1	7.408548
EV2_str	BOBJ1	590	Before	Interior Girder 1	45	0.95	1	1	7.022799
EV2_str	BOBJ1	590	Before	Interior Girder 2	45	0.95	1	1	7.022799
EV2_str	BOBJ1	590	Before	Right Exterior Girder	45	0.95	1	1	7.408548
EV2_str	BOBJ1	590	After	Left Exterior Girder	45	0.95	1	1	4.847511
EV2_str	BOBJ1	590	After	Interior Girder 1	45	0.95	1	1	4.630026
EV2_str	BOBJ1	590	After	Interior Girder 2	45	0.95	1	1	4.630026
EV2_str	BOBJ1	590	After	Right Exterior Girder	45	0.95	1	1	4.847511
EV2_str	BOBJ1	601.25	Before	Left Exterior Girder	56.25	0.95	1	1	7.911763
EV2_str	BOBJ1	601.25	Before	Interior Girder 1	56.25	0.95	1	1	7.671073
EV2_str	BOBJ1	601.25	Before	Interior Girder 2	56.25	0.95	1	1	7.671073
EV2_str	BOBJ1	601.25	Before	Right Exterior Girder	56.25	0.95	1	1	7.911763
EV2_str	BOBJ1	601.25	After	Left Exterior Girder	56.25	0.95	1	1	7.894835
EV2_str	BOBJ1	601.25	After	Interior Girder 1	56.25	0.95	1	1	7.686524
EV2_str	BOBJ1	601.25	After	Interior Girder 2	56.25	0.95	1	1	7.686524
EV2_str	BOBJ1	601.25	After	Right Exterior Girder	56.25	0.95	1	1	7.894835
EV2_str	BOBJ1	601.7478	Before	Left Exterior Girder	56.7478	0.95	1	1	8.033355
EV2_str	BOBJ1	601.7478	Before	Interior Girder 1	56.7478	0.95	1	1	7.825458
EV2_str	BOBJ1	601.7478	Before	Interior Girder 2	56.7478	0.95	1	1	7.825458
EV2_str	BOBJ1	601.7478	Before	Right Exterior Girder	56.7478	0.95	1	1	8.033355
EV2_str	BOBJ1	601.7478	After	Left Exterior Girder	56.7478	0.95	1	1	2.553603
EV2_str	BOBJ1	601.7478	After	Interior Girder 1	56.7478	0.95	1	1	2.514594
EV2_str	BOBJ1	601.7478	After	Interior Girder 2	56.7478	0.95	1	1	2.514594
EV2_str	BOBJ1	601.7478	After	Right Exterior Girder	56.7478	0.95	1	1	2.553602
EV2_str	BOBJ1	612.5	Before	Left Exterior Girder	67.5	0.95	1	1	5.236528
EV2_str	BOBJ1	612.5	Before	Interior Girder 1	67.5	0.95	1	1	5.187904
EV2_str	BOBJ1	612.5	Before	Interior Girder 2	67.5	0.95	1	1	5.187904
EV2_str	BOBJ1	612.5	Before	Right Exterior Girder	67.5	0.95	1	1	5.236528
EV2_str	BOBJ1	612.5	After	Left Exterior Girder	67.5	0.95	1	1	7.370254
EV2_str	BOBJ1	612.5	After	Interior Girder 1	67.5	0.95	1	1	7.339544
EV2_str	BOBJ1	612.5	After	Interior Girder 2	67.5	0.95	1	1	7.339544
EV2_str	BOBJ1	612.5	After	Right Exterior Girder	67.5	0.95	1	1	7.370254
EV2_str	BOBJ1	623.75	Before	Left Exterior Girder	78.75	0.95	1	1	6.676615
EV2_str	BOBJ1	623.75	Before	Interior Girder 1	78.75	0.95	1	1	5.530144
EV2_str	BOBJ1	623.75	Before	Interior Girder 2	78.75	0.95	1	1	5.530144
EV2_str	BOBJ1	623.75	Before	Right Exterior Girder	78.75	0.95	1	1	6.676615
EV2_str	BOBJ1	623.75	After	Left Exterior Girder	78.75	0.95	1	1	6.682009
EV2_str	BOBJ1	623.75	After	Interior Girder 1	78.75	0.95	1	1	5.527869
EV2_str	BOBJ1	623.75	After	Interior Girder 2	78.75	0.95	1	1	5.527869
EV2_str	BOBJ1	623.75	After	Right Exterior Girder	78.75	0.95	1	1	6.682009
EV2_str	BOBJ1	635	Before	Left Exterior Girder	90	0.95	1	1	4.669055
EV2_str	BOBJ1	635	Before	Interior Girder 1	90	0.95	1	1	4.054048
EV2_str	BOBJ1	635	Before	Interior Girder 2	90	0.95	1	1	4.054048
EV2_str	BOBJ1	635	Before	Right Exterior Girder	90	0.95	1	1	4.669055
EV2_str	BOBJ1	635	After	Left Exterior Girder	90	0.95	1	1	4.75481
EV2_str	BOBJ1	635	After	Interior Girder 1	90	0.95	1	1	4.078918
EV2_str	BOBJ1	635	After	Interior Girder 2	90	0.95	1	1	4.078917
EV2_str	BOBJ1	635	After	Right Exterior Girder	90	0.95	1	1	4.75481
EV2_str	BOBJ1	643.5619	Before	Left Exterior Girder	98.5619	0.95	1	1	3.720562
EV2_str	BOBJ1	643.5619	Before	Interior Girder 1	98.5619	0.95	1	1	3.221357
EV2_str	BOBJ1	643.5619	Before	Interior Girder 2	98.5619	0.95	1	1	3.221357
EV2_str	BOBJ1	643.5619	Before	Right Exterior Girder	98.5619	0.95	1	1	3.720562
EV2_str	BOBJ1	643.5619	After	Left Exterior Girder	98.5619	0.95	1	1	7.042207
EV2_str	BOBJ1	643.5619	After	Interior Girder 1	98.5619	0.95	1	1	6.08769
EV2_str	BOBJ1	643.5619	After	Interior Girder 2	98.5619	0.95	1	1	6.08769
EV2_str	BOBJ1	643.5619	After	Right Exterior Girder	98.5619	0.95	1	1	7.042207
EV2_str	BOBJ1	646.25	Before	Left Exterior Girder	101.25	0.95	1	1	6.698717
EV2_str	BOBJ1	646.25	Before	Interior Girder 1	101.25	0.95	1	1	5.815679
EV2_str	BOBJ1	646.25	Before	Interior Girder 2	101.25	0.95	1	1	5.815679
EV2_str	BOBJ1	646.25	Before	Right Exterior Girder	101.25	0.95	1	1	6.698717

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelINonCompStrgth-Flx - Main Span Girders									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
EV2_str	BOBJ1	646.25	After	Left Exterior Girder	101.25	0.95	1	1	6.696166
EV2_str	BOBJ1	646.25	After	Interior Girder 1	101.25	0.95	1	1	5.819957
EV2_str	BOBJ1	646.25	After	Interior Girder 2	101.25	0.95	1	1	5.819957
EV2_str	BOBJ1	646.25	After	Right Exterior Girder	101.25	0.95	1	1	6.696166
EV2_str	BOBJ1	657.5	Before	Left Exterior Girder	112.5	0.95	1	1	5.562702
EV2_str	BOBJ1	657.5	Before	Interior Girder 1	112.5	0.95	1	1	4.969499
EV2_str	BOBJ1	657.5	Before	Interior Girder 2	112.5	0.95	1	1	4.969499
EV2_str	BOBJ1	657.5	Before	Right Exterior Girder	112.5	0.95	1	1	5.562703
EV2_str	BOBJ1	657.5	After	Left Exterior Girder	112.5	0.95	1	1	5.600274
EV2_str	BOBJ1	657.5	After	Interior Girder 1	112.5	0.95	1	1	4.980607
EV2_str	BOBJ1	657.5	After	Interior Girder 2	112.5	0.95	1	1	4.980607
EV2_str	BOBJ1	657.5	After	Right Exterior Girder	112.5	0.95	1	1	5.600274
EV2_str	BOBJ1	668.75	Before	Left Exterior Girder	123.75	0.95	1	1	4.938378
EV2_str	BOBJ1	668.75	Before	Interior Girder 1	123.75	0.95	1	1	4.368214
EV2_str	BOBJ1	668.75	Before	Interior Girder 2	123.75	0.95	1	1	4.368214
EV2_str	BOBJ1	668.75	Before	Right Exterior Girder	123.75	0.95	1	1	4.938378
EV2_str	BOBJ1	668.75	After	Left Exterior Girder	123.75	0.95	1	1	4.945756
EV2_str	BOBJ1	668.75	After	Interior Girder 1	123.75	0.95	1	1	4.374922
EV2_str	BOBJ1	668.75	After	Interior Girder 2	123.75	0.95	1	1	4.374922
EV2_str	BOBJ1	668.75	After	Right Exterior Girder	123.75	0.95	1	1	4.945755
EV2_str	BOBJ1	680	Before	Left Exterior Girder	135	0.95	1	1	4.537548
EV2_str	BOBJ1	680	Before	Interior Girder 1	135	0.95	1	1	4.08446
EV2_str	BOBJ1	680	Before	Interior Girder 2	135	0.95	1	1	4.08446
EV2_str	BOBJ1	680	Before	Right Exterior Girder	135	0.95	1	1	4.537547
EV2_str	BOBJ1	680	After	Left Exterior Girder	135	0.95	1	1	4.532175
EV2_str	BOBJ1	680	After	Interior Girder 1	135	0.95	1	1	4.088641
EV2_str	BOBJ1	680	After	Interior Girder 2	135	0.95	1	1	4.088641
EV2_str	BOBJ1	680	After	Right Exterior Girder	135	0.95	1	1	4.532175
EV2_str	BOBJ1	691.25	Before	Left Exterior Girder	146.25	0.95	1	1	4.440765
EV2_str	BOBJ1	691.25	Before	Interior Girder 1	146.25	0.95	1	1	3.920949
EV2_str	BOBJ1	691.25	Before	Interior Girder 2	146.25	0.95	1	1	3.920949
EV2_str	BOBJ1	691.25	Before	Right Exterior Girder	146.25	0.95	1	1	4.440765
EV2_str	BOBJ1	691.25	After	Left Exterior Girder	146.25	0.95	1	1	4.444817
EV2_str	BOBJ1	691.25	After	Interior Girder 1	146.25	0.95	1	1	3.915496
EV2_str	BOBJ1	691.25	After	Interior Girder 2	146.25	0.95	1	1	3.915496
EV2_str	BOBJ1	691.25	After	Right Exterior Girder	146.25	0.95	1	1	4.444817
EV2_str	BOBJ1	702.5	Before	Left Exterior Girder	157.5	0.95	1	1	4.611588
EV2_str	BOBJ1	702.5	Before	Interior Girder 1	157.5	0.95	1	1	4.05228
EV2_str	BOBJ1	702.5	Before	Interior Girder 2	157.5	0.95	1	1	4.052281
EV2_str	BOBJ1	702.5	Before	Right Exterior Girder	157.5	0.95	1	1	4.611588
EV2_str	BOBJ1	702.5	After	Left Exterior Girder	157.5	0.95	1	1	4.567633
EV2_str	BOBJ1	702.5	After	Interior Girder 1	157.5	0.95	1	1	4.064185
EV2_str	BOBJ1	702.5	After	Interior Girder 2	157.5	0.95	1	1	4.064185
EV2_str	BOBJ1	702.5	After	Right Exterior Girder	157.5	0.95	1	1	4.567632
EV2_str	BOBJ1	713.75	Before	Left Exterior Girder	168.75	0.95	1	1	5.155539
EV2_str	BOBJ1	713.75	Before	Interior Girder 1	168.75	0.95	1	1	4.380128
EV2_str	BOBJ1	713.75	Before	Interior Girder 2	168.75	0.95	1	1	4.380129
EV2_str	BOBJ1	713.75	Before	Right Exterior Girder	168.75	0.95	1	1	5.155538
EV2_str	BOBJ1	713.75	After	Left Exterior Girder	168.75	0.95	1	1	5.154712
EV2_str	BOBJ1	713.75	After	Interior Girder 1	168.75	0.95	1	1	4.377913
EV2_str	BOBJ1	713.75	After	Interior Girder 2	168.75	0.95	1	1	4.377913
EV2_str	BOBJ1	713.75	After	Right Exterior Girder	168.75	0.95	1	1	5.154712
EV2_str	BOBJ1	725	Before	Left Exterior Girder	180	0.95	1	1	6.257275
EV2_str	BOBJ1	725	Before	Interior Girder 1	180	0.95	1	1	5.157259
EV2_str	BOBJ1	725	Before	Interior Girder 2	180	0.95	1	1	5.157259
EV2_str	BOBJ1	725	Before	Right Exterior Girder	180	0.95	1	1	6.257274
EV2_str	BOBJ1	725	After	Left Exterior Girder	180	0.95	1	1	6.18692
EV2_str	BOBJ1	725	After	Interior Girder 1	180	0.95	1	1	5.198507
EV2_str	BOBJ1	725	After	Interior Girder 2	180	0.95	1	1	5.198506
EV2_str	BOBJ1	725	After	Right Exterior Girder	180	0.95	1	1	6.18692
EV2_str	BOBJ1	731.1726	Before	Left Exterior Girder	186.1726	0.95	1	1	7.226128
EV2_str	BOBJ1	731.1726	Before	Interior Girder 1	186.1726	0.95	1	1	5.799668
EV2_str	BOBJ1	731.1726	Before	Interior Girder 2	186.1726	0.95	1	1	5.799668
EV2_str	BOBJ1	731.1726	Before	Right Exterior Girder	186.1726	0.95	1	1	7.226128
EV2_str	BOBJ1	731.1726	After	Left Exterior Girder	186.1726	0.95	1	1	3.104207
EV2_str	BOBJ1	731.1726	After	Interior Girder 1	186.1726	0.95	1	1	2.479265
EV2_str	BOBJ1	731.1726	After	Interior Girder 2	186.1726	0.95	1	1	2.479265
EV2_str	BOBJ1	731.1726	After	Right Exterior Girder	186.1726	0.95	1	1	3.104206

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelNonCompStrgth-Flx - Main Span Girders									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
EV2_str	BOBJ1	736.25	Before	Left Exterior Girder	191.25	0.95	1	1	3.822262
EV2_str	BOBJ1	736.25	Before	Interior Girder 1	191.25	0.95	1	1	2.934914
EV2_str	BOBJ1	736.25	Before	Interior Girder 2	191.25	0.95	1	1	2.934914
EV2_str	BOBJ1	736.25	Before	Right Exterior Girder	191.25	0.95	1	1	3.822262
EV2_str	BOBJ1	736.25	After	Left Exterior Girder	191.25	0.95	1	1	3.811864
EV2_str	BOBJ1	736.25	After	Interior Girder 1	191.25	0.95	1	1	2.935001
EV2_str	BOBJ1	736.25	After	Interior Girder 2	191.25	0.95	1	1	2.935001
EV2_str	BOBJ1	736.25	After	Right Exterior Girder	191.25	0.95	1	1	3.811863
EV2_str	BOBJ1	747.5	Before	Left Exterior Girder	202.5	0.95	1	1	6.619249
EV2_str	BOBJ1	747.5	Before	Interior Girder 1	202.5	0.95	1	1	4.752297
EV2_str	BOBJ1	747.5	Before	Interior Girder 2	202.5	0.95	1	1	4.752297
EV2_str	BOBJ1	747.5	Before	Right Exterior Girder	202.5	0.95	1	1	6.619248
EV2_str	BOBJ1	747.5	After	Left Exterior Girder	202.5	0.95	1	1	6.352619
EV2_str	BOBJ1	747.5	After	Interior Girder 1	202.5	0.95	1	1	4.694092
EV2_str	BOBJ1	747.5	After	Interior Girder 2	202.5	0.95	1	1	4.694092
EV2_str	BOBJ1	747.5	After	Right Exterior Girder	202.5	0.95	1	1	6.352618
EV2_str	BOBJ1	758.75	Before	Left Exterior Girder	213.75	0.95	1	1	14.920104
EV2_str	BOBJ1	758.75	Before	Interior Girder 1	213.75	0.95	1	1	9.721202
EV2_str	BOBJ1	758.75	Before	Interior Girder 2	213.75	0.95	1	1	9.721203
EV2_str	BOBJ1	758.75	Before	Right Exterior Girder	213.75	0.95	1	1	14.920099
EV2_str	BOBJ1	758.75	After	Left Exterior Girder	213.75	0.95	1	1	14.886183
EV2_str	BOBJ1	758.75	After	Interior Girder 1	213.75	0.95	1	1	9.608495
EV2_str	BOBJ1	758.75	After	Interior Girder 2	213.75	0.95	1	1	9.608495
EV2_str	BOBJ1	758.75	After	Right Exterior Girder	213.75	0.95	1	1	14.886179
EV2_str	BOBJ1	770	Before	Left Exterior Girder	225	0.95	1	1	313.955545
EV2_str	BOBJ1	770	Before	Interior Girder 1	225	0.95	1	1	259.214033
EV2_str	BOBJ1	770	Before	Interior Girder 2	225	0.95	1	1	259.213119
EV2_str	BOBJ1	770	Before	Right Exterior Girder	225	0.95	1	1	313.957123
EV3_str	BOBJ1	0	After	Left Exterior Girder	0	0.95	1	1	209.748792
EV3_str	BOBJ1	0	After	Interior Girder 1	0	0.95	1	1	173.122993
EV3_str	BOBJ1	0	After	Interior Girder 2	0	0.95	1	1	173.122804
EV3_str	BOBJ1	0	After	Right Exterior Girder	0	0.95	1	1	209.748785
EV3_str	BOBJ1	11.25	Before	Left Exterior Girder	11.25	0.95	1	1	9.942153
EV3_str	BOBJ1	11.25	Before	Interior Girder 1	11.25	0.95	1	1	6.414792
EV3_str	BOBJ1	11.25	Before	Interior Girder 2	11.25	0.95	1	1	6.414793
EV3_str	BOBJ1	11.25	Before	Right Exterior Girder	11.25	0.95	1	1	9.942153
EV3_str	BOBJ1	11.25	After	Left Exterior Girder	11.25	0.95	1	1	9.964966
EV3_str	BOBJ1	11.25	After	Interior Girder 1	11.25	0.95	1	1	6.489525
EV3_str	BOBJ1	11.25	After	Interior Girder 2	11.25	0.95	1	1	6.489526
EV3_str	BOBJ1	11.25	After	Right Exterior Girder	11.25	0.95	1	1	9.964965
EV3_str	BOBJ1	22.5	Before	Left Exterior Girder	22.5	0.95	1	1	4.243241
EV3_str	BOBJ1	22.5	Before	Interior Girder 1	22.5	0.95	1	1	3.134229
EV3_str	BOBJ1	22.5	Before	Interior Girder 2	22.5	0.95	1	1	3.13423
EV3_str	BOBJ1	22.5	Before	Right Exterior Girder	22.5	0.95	1	1	4.24324
EV3_str	BOBJ1	22.5	After	Left Exterior Girder	22.5	0.95	1	1	4.421867
EV3_str	BOBJ1	22.5	After	Interior Girder 1	22.5	0.95	1	1	3.173235
EV3_str	BOBJ1	22.5	After	Interior Girder 2	22.5	0.95	1	1	3.173235
EV3_str	BOBJ1	22.5	After	Right Exterior Girder	22.5	0.95	1	1	4.421867
EV3_str	BOBJ1	33.75	Before	Left Exterior Girder	33.75	0.95	1	1	2.547921
EV3_str	BOBJ1	33.75	Before	Interior Girder 1	33.75	0.95	1	1	1.96044
EV3_str	BOBJ1	33.75	Before	Interior Girder 2	33.75	0.95	1	1	1.96044
EV3_str	BOBJ1	33.75	Before	Right Exterior Girder	33.75	0.95	1	1	2.547921
EV3_str	BOBJ1	33.75	After	Left Exterior Girder	33.75	0.95	1	1	2.555072
EV3_str	BOBJ1	33.75	After	Interior Girder 1	33.75	0.95	1	1	1.96059
EV3_str	BOBJ1	33.75	After	Interior Girder 2	33.75	0.95	1	1	1.96059
EV3_str	BOBJ1	33.75	After	Right Exterior Girder	33.75	0.95	1	1	2.555072
EV3_str	BOBJ1	38.8274	Before	Left Exterior Girder	38.8274	0.95	1	1	2.074018
EV3_str	BOBJ1	38.8274	Before	Interior Girder 1	38.8274	0.95	1	1	1.658287
EV3_str	BOBJ1	38.8274	Before	Interior Girder 2	38.8274	0.95	1	1	1.658287
EV3_str	BOBJ1	38.8274	Before	Right Exterior Girder	38.8274	0.95	1	1	2.074018
EV3_str	BOBJ1	38.8274	After	Left Exterior Girder	38.8274	0.95	1	1	4.829556
EV3_str	BOBJ1	38.8274	After	Interior Girder 1	38.8274	0.95	1	1	3.879753
EV3_str	BOBJ1	38.8274	After	Interior Girder 2	38.8274	0.95	1	1	3.879753
EV3_str	BOBJ1	38.8274	After	Right Exterior Girder	38.8274	0.95	1	1	4.829556
EV3_str	BOBJ1	45	Before	Left Exterior Girder	45	0.95	1	1	4.133631
EV3_str	BOBJ1	45	Before	Interior Girder 1	45	0.95	1	1	3.47177
EV3_str	BOBJ1	45	Before	Interior Girder 2	45	0.95	1	1	3.47177
EV3_str	BOBJ1	45	Before	Right Exterior Girder	45	0.95	1	1	4.133632

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelNonCompStrgth-Flx - Main Span Girders									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
EV3_str	BOBJ1	45	After	Left Exterior Girder	45	0.95	1	1	4.180134
EV3_str	BOBJ1	45	After	Interior Girder 1	45	0.95	1	1	3.443385
EV3_str	BOBJ1	45	After	Interior Girder 2	45	0.95	1	1	3.443384
EV3_str	BOBJ1	45	After	Right Exterior Girder	45	0.95	1	1	4.180135
EV3_str	BOBJ1	56.25	Before	Left Exterior Girder	56.25	0.95	1	1	3.444632
EV3_str	BOBJ1	56.25	Before	Interior Girder 1	56.25	0.95	1	1	2.91229
EV3_str	BOBJ1	56.25	Before	Interior Girder 2	56.25	0.95	1	1	2.91229
EV3_str	BOBJ1	56.25	Before	Right Exterior Girder	56.25	0.95	1	1	3.444633
EV3_str	BOBJ1	56.25	After	Left Exterior Girder	56.25	0.95	1	1	3.445165
EV3_str	BOBJ1	56.25	After	Interior Girder 1	56.25	0.95	1	1	2.909694
EV3_str	BOBJ1	56.25	After	Interior Girder 2	56.25	0.95	1	1	2.909694
EV3_str	BOBJ1	56.25	After	Right Exterior Girder	56.25	0.95	1	1	3.445165
EV3_str	BOBJ1	67.5	Before	Left Exterior Girder	67.5	0.95	1	1	3.044421
EV3_str	BOBJ1	67.5	Before	Interior Girder 1	67.5	0.95	1	1	2.690166
EV3_str	BOBJ1	67.5	Before	Interior Girder 2	67.5	0.95	1	1	2.690166
EV3_str	BOBJ1	67.5	Before	Right Exterior Girder	67.5	0.95	1	1	3.044421
EV3_str	BOBJ1	67.5	After	Left Exterior Girder	67.5	0.95	1	1	3.069717
EV3_str	BOBJ1	67.5	After	Interior Girder 1	67.5	0.95	1	1	2.676899
EV3_str	BOBJ1	67.5	After	Interior Girder 2	67.5	0.95	1	1	2.676899
EV3_str	BOBJ1	67.5	After	Right Exterior Girder	67.5	0.95	1	1	3.069717
EV3_str	BOBJ1	78.75	Before	Left Exterior Girder	78.75	0.95	1	1	2.953787
EV3_str	BOBJ1	78.75	Before	Interior Girder 1	78.75	0.95	1	1	2.581917
EV3_str	BOBJ1	78.75	Before	Interior Girder 2	78.75	0.95	1	1	2.581916
EV3_str	BOBJ1	78.75	Before	Right Exterior Girder	78.75	0.95	1	1	2.953788
EV3_str	BOBJ1	78.75	After	Left Exterior Girder	78.75	0.95	1	1	2.951053
EV3_str	BOBJ1	78.75	After	Interior Girder 1	78.75	0.95	1	1	2.58198
EV3_str	BOBJ1	78.75	After	Interior Girder 2	78.75	0.95	1	1	2.58198
EV3_str	BOBJ1	78.75	After	Right Exterior Girder	78.75	0.95	1	1	2.951053
EV3_str	BOBJ1	90	Before	Left Exterior Girder	90	0.95	1	1	3.002294
EV3_str	BOBJ1	90	Before	Interior Girder 1	90	0.95	1	1	2.685944
EV3_str	BOBJ1	90	Before	Interior Girder 2	90	0.95	1	1	2.685944
EV3_str	BOBJ1	90	Before	Right Exterior Girder	90	0.95	1	1	3.002294
EV3_str	BOBJ1	90	After	Left Exterior Girder	90	0.95	1	1	3.002869
EV3_str	BOBJ1	90	After	Interior Girder 1	90	0.95	1	1	2.679425
EV3_str	BOBJ1	90	After	Interior Girder 2	90	0.95	1	1	2.679424
EV3_str	BOBJ1	90	After	Right Exterior Girder	90	0.95	1	1	3.002869
EV3_str	BOBJ1	101.25	Before	Left Exterior Girder	101.25	0.95	1	1	3.274846
EV3_str	BOBJ1	101.25	Before	Interior Girder 1	101.25	0.95	1	1	2.873671
EV3_str	BOBJ1	101.25	Before	Interior Girder 2	101.25	0.95	1	1	2.873671
EV3_str	BOBJ1	101.25	Before	Right Exterior Girder	101.25	0.95	1	1	3.274847
EV3_str	BOBJ1	101.25	After	Left Exterior Girder	101.25	0.95	1	1	3.270036
EV3_str	BOBJ1	101.25	After	Interior Girder 1	101.25	0.95	1	1	2.873289
EV3_str	BOBJ1	101.25	After	Interior Girder 2	101.25	0.95	1	1	2.873289
EV3_str	BOBJ1	101.25	After	Right Exterior Girder	101.25	0.95	1	1	3.270036
EV3_str	BOBJ1	112.5	Before	Left Exterior Girder	112.5	0.95	1	1	3.716228
EV3_str	BOBJ1	112.5	Before	Interior Girder 1	112.5	0.95	1	1	3.287185
EV3_str	BOBJ1	112.5	Before	Interior Girder 2	112.5	0.95	1	1	3.287185
EV3_str	BOBJ1	112.5	Before	Right Exterior Girder	112.5	0.95	1	1	3.716228
EV3_str	BOBJ1	112.5	After	Left Exterior Girder	112.5	0.95	1	1	3.694681
EV3_str	BOBJ1	112.5	After	Interior Girder 1	112.5	0.95	1	1	3.286295
EV3_str	BOBJ1	112.5	After	Interior Girder 2	112.5	0.95	1	1	3.286295
EV3_str	BOBJ1	112.5	After	Right Exterior Girder	112.5	0.95	1	1	3.69468
EV3_str	BOBJ1	123.75	Before	Left Exterior Girder	123.75	0.95	1	1	4.455539
EV3_str	BOBJ1	123.75	Before	Interior Girder 1	123.75	0.95	1	1	3.853726
EV3_str	BOBJ1	123.75	Before	Interior Girder 2	123.75	0.95	1	1	3.853727
EV3_str	BOBJ1	123.75	Before	Right Exterior Girder	123.75	0.95	1	1	4.455539
EV3_str	BOBJ1	123.75	After	Left Exterior Girder	123.75	0.95	1	1	4.459173
EV3_str	BOBJ1	123.75	After	Interior Girder 1	123.75	0.95	1	1	3.85391
EV3_str	BOBJ1	123.75	After	Interior Girder 2	123.75	0.95	1	1	3.85391
EV3_str	BOBJ1	123.75	After	Right Exterior Girder	123.75	0.95	1	1	4.459173
EV3_str	BOBJ1	126.4381	Before	Left Exterior Girder	126.4381	0.95	1	1	4.685166
EV3_str	BOBJ1	126.4381	Before	Interior Girder 1	126.4381	0.95	1	1	4.031967
EV3_str	BOBJ1	126.4381	Before	Interior Girder 2	126.4381	0.95	1	1	4.031967
EV3_str	BOBJ1	126.4381	Before	Right Exterior Girder	126.4381	0.95	1	1	4.685166
EV3_str	BOBJ1	126.4381	After	Left Exterior Girder	126.4381	0.95	1	1	2.475989
EV3_str	BOBJ1	126.4381	After	Interior Girder 1	126.4381	0.95	1	1	2.133036
EV3_str	BOBJ1	126.4381	After	Interior Girder 2	126.4381	0.95	1	1	2.133036
EV3_str	BOBJ1	126.4381	After	Right Exterior Girder	126.4381	0.95	1	1	2.475989

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelNonCompStrgth-Flx - Main Span Girders									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
EV3_str	BOBJ1	135	Before	Left Exterior Girder	135	0.95	1	1	3.163682
EV3_str	BOBJ1	135	Before	Interior Girder 1	135	0.95	1	1	2.699525
EV3_str	BOBJ1	135	Before	Interior Girder 2	135	0.95	1	1	2.699525
EV3_str	BOBJ1	135	Before	Right Exterior Girder	135	0.95	1	1	3.163682
EV3_str	BOBJ1	135	After	Left Exterior Girder	135	0.95	1	1	3.111378
EV3_str	BOBJ1	135	After	Interior Girder 1	135	0.95	1	1	2.688496
EV3_str	BOBJ1	135	After	Interior Girder 2	135	0.95	1	1	2.688496
EV3_str	BOBJ1	135	After	Right Exterior Girder	135	0.95	1	1	3.111378
EV3_str	BOBJ1	146.25	Before	Left Exterior Girder	146.25	0.95	1	1	4.441775
EV3_str	BOBJ1	146.25	Before	Interior Girder 1	146.25	0.95	1	1	3.651971
EV3_str	BOBJ1	146.25	Before	Interior Girder 2	146.25	0.95	1	1	3.651971
EV3_str	BOBJ1	146.25	Before	Right Exterior Girder	146.25	0.95	1	1	4.441775
EV3_str	BOBJ1	146.25	After	Left Exterior Girder	146.25	0.95	1	1	4.439773
EV3_str	BOBJ1	146.25	After	Interior Girder 1	146.25	0.95	1	1	3.656968
EV3_str	BOBJ1	146.25	After	Interior Girder 2	146.25	0.95	1	1	3.656968
EV3_str	BOBJ1	146.25	After	Right Exterior Girder	146.25	0.95	1	1	4.439774
EV3_str	BOBJ1	157.5	Before	Left Exterior Girder	157.5	0.95	1	1	4.926096
EV3_str	BOBJ1	157.5	Before	Interior Girder 1	157.5	0.95	1	1	4.905677
EV3_str	BOBJ1	157.5	Before	Interior Girder 2	157.5	0.95	1	1	4.905677
EV3_str	BOBJ1	157.5	Before	Right Exterior Girder	157.5	0.95	1	1	4.926097
EV3_str	BOBJ1	157.5	After	Left Exterior Girder	157.5	0.95	1	1	3.499956
EV3_str	BOBJ1	157.5	After	Interior Girder 1	157.5	0.95	1	1	3.467477
EV3_str	BOBJ1	157.5	After	Interior Girder 2	157.5	0.95	1	1	3.467476
EV3_str	BOBJ1	157.5	After	Right Exterior Girder	157.5	0.95	1	1	3.499956
EV3_str	BOBJ1	168.2522	Before	Left Exterior Girder	168.2522	0.95	1	1	1.70882
EV3_str	BOBJ1	168.2522	Before	Interior Girder 1	168.2522	0.95	1	1	1.678012
EV3_str	BOBJ1	168.2522	Before	Interior Girder 2	168.2522	0.95	1	1	1.678012
EV3_str	BOBJ1	168.2522	Before	Right Exterior Girder	168.2522	0.95	1	1	1.708821
EV3_str	BOBJ1	168.2522	After	Left Exterior Girder	168.2522	0.95	1	1	5.373344
EV3_str	BOBJ1	168.2522	After	Interior Girder 1	168.2522	0.95	1	1	5.225492
EV3_str	BOBJ1	168.2522	After	Interior Girder 2	168.2522	0.95	1	1	5.225492
EV3_str	BOBJ1	168.2522	After	Right Exterior Girder	168.2522	0.95	1	1	5.373344
EV3_str	BOBJ1	168.75	Before	Left Exterior Girder	168.75	0.95	1	1	5.276767
EV3_str	BOBJ1	168.75	Before	Interior Girder 1	168.75	0.95	1	1	5.137624
EV3_str	BOBJ1	168.75	Before	Interior Girder 2	168.75	0.95	1	1	5.137624
EV3_str	BOBJ1	168.75	Before	Right Exterior Girder	168.75	0.95	1	1	5.276767
EV3_str	BOBJ1	168.75	After	Left Exterior Girder	168.75	0.95	1	1	5.28807
EV3_str	BOBJ1	168.75	After	Interior Girder 1	168.75	0.95	1	1	5.127249
EV3_str	BOBJ1	168.75	After	Interior Girder 2	168.75	0.95	1	1	5.127249
EV3_str	BOBJ1	168.75	After	Right Exterior Girder	168.75	0.95	1	1	5.288071
EV3_str	BOBJ1	180	Before	Left Exterior Girder	180	0.95	1	1	3.239891
EV3_str	BOBJ1	180	Before	Interior Girder 1	180	0.95	1	1	3.094657
EV3_str	BOBJ1	180	Before	Interior Girder 2	180	0.95	1	1	3.094657
EV3_str	BOBJ1	180	Before	Right Exterior Girder	180	0.95	1	1	3.239892
EV3_str	BOBJ1	180	After	Left Exterior Girder	180	0.95	1	1	4.470602
EV3_str	BOBJ1	180	After	Interior Girder 1	180	0.95	1	1	4.281823
EV3_str	BOBJ1	180	After	Interior Girder 2	180	0.95	1	1	4.281823
EV3_str	BOBJ1	180	After	Right Exterior Girder	180	0.95	1	1	4.470602
EV3_str	BOBJ1	183.1858	Before	Left Exterior Girder	183.1858	0.95	1	1	3.877734
EV3_str	BOBJ1	183.1858	Before	Interior Girder 1	183.1858	0.95	1	1	3.694894
EV3_str	BOBJ1	183.1858	Before	Interior Girder 2	183.1858	0.95	1	1	3.694895
EV3_str	BOBJ1	183.1858	Before	Right Exterior Girder	183.1858	0.95	1	1	3.877734
EV3_str	BOBJ1	183.1858	After	Left Exterior Girder	183.1858	0.95	1	1	8.675408
EV3_str	BOBJ1	183.1858	After	Interior Girder 1	183.1858	0.95	1	1	8.242001
EV3_str	BOBJ1	183.1858	After	Interior Girder 2	183.1858	0.95	1	1	8.242001
EV3_str	BOBJ1	183.1858	After	Right Exterior Girder	183.1858	0.95	1	1	8.675408
EV3_str	BOBJ1	191.25	Before	Left Exterior Girder	191.25	0.95	1	1	7.009597
EV3_str	BOBJ1	191.25	Before	Interior Girder 1	191.25	0.95	1	1	6.545058
EV3_str	BOBJ1	191.25	Before	Interior Girder 2	191.25	0.95	1	1	6.545058
EV3_str	BOBJ1	191.25	Before	Right Exterior Girder	191.25	0.95	1	1	7.009597
EV3_str	BOBJ1	191.25	After	Left Exterior Girder	191.25	0.95	1	1	7.028824
EV3_str	BOBJ1	191.25	After	Interior Girder 1	191.25	0.95	1	1	6.53105
EV3_str	BOBJ1	191.25	After	Interior Girder 2	191.25	0.95	1	1	6.53105
EV3_str	BOBJ1	191.25	After	Right Exterior Girder	191.25	0.95	1	1	7.028824
EV3_str	BOBJ1	199.9414	Before	Left Exterior Girder	199.9414	0.95	1	1	5.189173
EV3_str	BOBJ1	199.9414	Before	Interior Girder 1	199.9414	0.95	1	1	4.774918
EV3_str	BOBJ1	199.9414	Before	Interior Girder 2	199.9414	0.95	1	1	4.774918
EV3_str	BOBJ1	199.9414	Before	Right Exterior Girder	199.9414	0.95	1	1	5.189173

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelNonCompStrgth-Flx - Main Span Girders									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
EV3_str	BOBJ1	199.9414	After	Left Exterior Girder	199.9414	0.95	1	1	8.950928
EV3_str	BOBJ1	199.9414	After	Interior Girder 1	199.9414	0.95	1	1	8.234635
EV3_str	BOBJ1	199.9414	After	Interior Girder 2	199.9414	0.95	1	1	8.234635
EV3_str	BOBJ1	199.9414	After	Right Exterior Girder	199.9414	0.95	1	1	8.950928
EV3_str	BOBJ1	202.5	Before	Left Exterior Girder	202.5	0.95	1	1	8.165717
EV3_str	BOBJ1	202.5	Before	Interior Girder 1	202.5	0.95	1	1	7.671702
EV3_str	BOBJ1	202.5	Before	Interior Girder 2	202.5	0.95	1	1	7.671702
EV3_str	BOBJ1	202.5	Before	Right Exterior Girder	202.5	0.95	1	1	8.165717
EV3_str	BOBJ1	202.5	After	Left Exterior Girder	202.5	0.95	1	1	8.458665
EV3_str	BOBJ1	202.5	After	Interior Girder 1	202.5	0.95	1	1	7.756011
EV3_str	BOBJ1	202.5	After	Interior Girder 2	202.5	0.95	1	1	7.756011
EV3_str	BOBJ1	202.5	After	Right Exterior Girder	202.5	0.95	1	1	8.458665
EV3_str	BOBJ1	210.5642	Before	Left Exterior Girder	210.5642	0.95	1	1	6.128245
EV3_str	BOBJ1	210.5642	Before	Interior Girder 1	210.5642	0.95	1	1	5.82734
EV3_str	BOBJ1	210.5642	Before	Interior Girder 2	210.5642	0.95	1	1	5.82734
EV3_str	BOBJ1	210.5642	Before	Right Exterior Girder	210.5642	0.95	1	1	6.128245
EV3_str	BOBJ1	210.5642	After	Left Exterior Girder	210.5642	0.95	1	1	9.424081
EV3_str	BOBJ1	210.5642	After	Interior Girder 1	210.5642	0.95	1	1	8.989442
EV3_str	BOBJ1	210.5642	After	Interior Girder 2	210.5642	0.95	1	1	8.989442
EV3_str	BOBJ1	210.5642	After	Right Exterior Girder	210.5642	0.95	1	1	9.424081
EV3_str	BOBJ1	213.75	Before	Left Exterior Girder	213.75	0.95	1	1	8.384355
EV3_str	BOBJ1	213.75	Before	Interior Girder 1	213.75	0.95	1	1	7.874346
EV3_str	BOBJ1	213.75	Before	Interior Girder 2	213.75	0.95	1	1	7.874346
EV3_str	BOBJ1	213.75	Before	Right Exterior Girder	213.75	0.95	1	1	8.384355
EV3_str	BOBJ1	213.75	After	Left Exterior Girder	213.75	0.95	1	1	8.374785
EV3_str	BOBJ1	213.75	After	Interior Girder 1	213.75	0.95	1	1	7.85943
EV3_str	BOBJ1	213.75	After	Interior Girder 2	213.75	0.95	1	1	7.859429
EV3_str	BOBJ1	213.75	After	Right Exterior Girder	213.75	0.95	1	1	8.374785
EV3_str	BOBJ1	225	Before	Left Exterior Girder	225	0.95	1	1	5.046921
EV3_str	BOBJ1	225	Before	Interior Girder 1	225	0.95	1	1	4.524682
EV3_str	BOBJ1	225	Before	Interior Girder 2	225	0.95	1	1	4.524682
EV3_str	BOBJ1	225	Before	Right Exterior Girder	225	0.95	1	1	5.046921
EV3_str	BOBJ1	225	After	Left Exterior Girder	0	0.95	1	1	4.757908
EV3_str	BOBJ1	225	After	Interior Girder 1	0	0.95	1	1	4.34523
EV3_str	BOBJ1	225	After	Interior Girder 2	0	0.95	1	1	4.34523
EV3_str	BOBJ1	225	After	Right Exterior Girder	0	0.95	1	1	4.757908
EV3_str	BOBJ1	236.45	Before	Left Exterior Girder	11.45	0.95	1	1	8.45193
EV3_str	BOBJ1	236.45	Before	Interior Girder 1	11.45	0.95	1	1	8.364814
EV3_str	BOBJ1	236.45	Before	Interior Girder 2	11.45	0.95	1	1	8.364814
EV3_str	BOBJ1	236.45	Before	Right Exterior Girder	11.45	0.95	1	1	8.45193
EV3_str	BOBJ1	236.45	After	Left Exterior Girder	11.45	0.95	1	1	8.469643
EV3_str	BOBJ1	236.45	After	Interior Girder 1	11.45	0.95	1	1	8.36866
EV3_str	BOBJ1	236.45	After	Interior Girder 2	11.45	0.95	1	1	8.36866
EV3_str	BOBJ1	236.45	After	Right Exterior Girder	11.45	0.95	1	1	8.469643
EV3_str	BOBJ1	239.5082	Before	Left Exterior Girder	14.5082	0.95	1	1	9.728825
EV3_str	BOBJ1	239.5082	Before	Interior Girder 1	14.5082	0.95	1	1	9.670609
EV3_str	BOBJ1	239.5082	Before	Interior Girder 2	14.5082	0.95	1	1	9.67061
EV3_str	BOBJ1	239.5082	Before	Right Exterior Girder	14.5082	0.95	1	1	9.728825
EV3_str	BOBJ1	239.5082	After	Left Exterior Girder	14.5082	0.95	1	1	6.386937
EV3_str	BOBJ1	239.5082	After	Interior Girder 1	14.5082	0.95	1	1	6.344746
EV3_str	BOBJ1	239.5082	After	Interior Girder 2	14.5082	0.95	1	1	6.344746
EV3_str	BOBJ1	239.5082	After	Right Exterior Girder	14.5082	0.95	1	1	6.386937
EV3_str	BOBJ1	247.9	Before	Left Exterior Girder	22.9	0.95	1	1	9.736435
EV3_str	BOBJ1	247.9	Before	Interior Girder 1	22.9	0.95	1	1	9.581912
EV3_str	BOBJ1	247.9	Before	Interior Girder 2	22.9	0.95	1	1	9.581912
EV3_str	BOBJ1	247.9	Before	Right Exterior Girder	22.9	0.95	1	1	9.736435
EV3_str	BOBJ1	247.9	After	Left Exterior Girder	22.9	0.95	1	1	9.475177
EV3_str	BOBJ1	247.9	After	Interior Girder 1	22.9	0.95	1	1	9.571885
EV3_str	BOBJ1	247.9	After	Interior Girder 2	22.9	0.95	1	1	9.571885
EV3_str	BOBJ1	247.9	After	Right Exterior Girder	22.9	0.95	1	1	9.475177
EV3_str	BOBJ1	258.5189	Before	Left Exterior Girder	33.5189	0.95	1	1	13.551825
EV3_str	BOBJ1	258.5189	Before	Interior Girder 1	33.5189	0.95	1	1	12.629975
EV3_str	BOBJ1	258.5189	Before	Interior Girder 2	33.5189	0.95	1	1	12.629975
EV3_str	BOBJ1	258.5189	Before	Right Exterior Girder	33.5189	0.95	1	1	13.551825
EV3_str	BOBJ1	258.5189	After	Left Exterior Girder	33.5189	0.95	1	1	9.219621
EV3_str	BOBJ1	258.5189	After	Interior Girder 1	33.5189	0.95	1	1	8.499728
EV3_str	BOBJ1	258.5189	After	Interior Girder 2	33.5189	0.95	1	1	8.499728
EV3_str	BOBJ1	258.5189	After	Right Exterior Girder	33.5189	0.95	1	1	9.219621

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelNonCompStrgth-Flx - Main Span Girders									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
EV3_str	BOBJ1	259.3	Before	Left Exterior Girder	34.3	0.95	1	1	9.43719
EV3_str	BOBJ1	259.3	Before	Interior Girder 1	34.3	0.95	1	1	8.710843
EV3_str	BOBJ1	259.3	Before	Interior Girder 2	34.3	0.95	1	1	8.710843
EV3_str	BOBJ1	259.3	Before	Right Exterior Girder	34.3	0.95	1	1	9.43719
EV3_str	BOBJ1	259.3	After	Left Exterior Girder	34.3	0.95	1	1	9.430621
EV3_str	BOBJ1	259.3	After	Interior Girder 1	34.3	0.95	1	1	8.716682
EV3_str	BOBJ1	259.3	After	Interior Girder 2	34.3	0.95	1	1	8.716682
EV3_str	BOBJ1	259.3	After	Right Exterior Girder	34.3	0.95	1	1	9.430621
EV3_str	BOBJ1	266.1031	Before	Left Exterior Girder	41.1031	0.95	1	1	11.271702
EV3_str	BOBJ1	266.1031	Before	Interior Girder 1	41.1031	0.95	1	1	10.589952
EV3_str	BOBJ1	266.1031	Before	Interior Girder 2	41.1031	0.95	1	1	10.589952
EV3_str	BOBJ1	266.1031	Before	Right Exterior Girder	41.1031	0.95	1	1	11.271702
EV3_str	BOBJ1	266.1031	After	Left Exterior Girder	41.1031	0.95	1	1	5.836911
EV3_str	BOBJ1	266.1031	After	Interior Girder 1	41.1031	0.95	1	1	5.48958
EV3_str	BOBJ1	266.1031	After	Interior Girder 2	41.1031	0.95	1	1	5.48958
EV3_str	BOBJ1	266.1031	After	Right Exterior Girder	41.1031	0.95	1	1	5.836911
EV3_str	BOBJ1	270.7	Before	Left Exterior Girder	45.7	0.95	1	1	6.995933
EV3_str	BOBJ1	270.7	Before	Interior Girder 1	45.7	0.95	1	1	6.649731
EV3_str	BOBJ1	270.7	Before	Interior Girder 2	45.7	0.95	1	1	6.649731
EV3_str	BOBJ1	270.7	Before	Right Exterior Girder	45.7	0.95	1	1	6.995934
EV3_str	BOBJ1	270.7	After	Left Exterior Girder	45.7	0.95	1	1	8.202667
EV3_str	BOBJ1	270.7	After	Interior Girder 1	45.7	0.95	1	1	7.794137
EV3_str	BOBJ1	270.7	After	Interior Girder 2	45.7	0.95	1	1	7.794137
EV3_str	BOBJ1	270.7	After	Right Exterior Girder	45.7	0.95	1	1	8.202667
EV3_str	BOBJ1	273.6874	Before	Left Exterior Girder	48.6874	0.95	1	1	8.986514
EV3_str	BOBJ1	273.6874	Before	Interior Girder 1	48.6874	0.95	1	1	8.573082
EV3_str	BOBJ1	273.6874	Before	Interior Girder 2	48.6874	0.95	1	1	8.573082
EV3_str	BOBJ1	273.6874	Before	Right Exterior Girder	48.6874	0.95	1	1	8.986514
EV3_str	BOBJ1	273.6874	After	Left Exterior Girder	48.6874	0.95	1	1	3.868176
EV3_str	BOBJ1	273.6874	After	Interior Girder 1	48.6874	0.95	1	1	3.716692
EV3_str	BOBJ1	273.6874	After	Interior Girder 2	48.6874	0.95	1	1	3.716692
EV3_str	BOBJ1	273.6874	After	Right Exterior Girder	48.6874	0.95	1	1	3.868175
EV3_str	BOBJ1	282.15	Before	Left Exterior Girder	57.15	0.95	1	1	5.928162
EV3_str	BOBJ1	282.15	Before	Interior Girder 1	57.15	0.95	1	1	5.589932
EV3_str	BOBJ1	282.15	Before	Interior Girder 2	57.15	0.95	1	1	5.589932
EV3_str	BOBJ1	282.15	Before	Right Exterior Girder	57.15	0.95	1	1	5.928162
EV3_str	BOBJ1	282.15	After	Left Exterior Girder	57.15	0.95	1	1	5.919743
EV3_str	BOBJ1	282.15	After	Interior Girder 1	57.15	0.95	1	1	5.603373
EV3_str	BOBJ1	282.15	After	Interior Girder 2	57.15	0.95	1	1	5.603373
EV3_str	BOBJ1	282.15	After	Right Exterior Girder	57.15	0.95	1	1	5.919743
EV3_str	BOBJ1	293.6	Before	Left Exterior Girder	68.6	0.95	1	1	4.339787
EV3_str	BOBJ1	293.6	Before	Interior Girder 1	68.6	0.95	1	1	3.417357
EV3_str	BOBJ1	293.6	Before	Interior Girder 2	68.6	0.95	1	1	3.417357
EV3_str	BOBJ1	293.6	Before	Right Exterior Girder	68.6	0.95	1	1	4.339787
EV3_str	BOBJ1	293.6	After	Left Exterior Girder	68.6	0.95	1	1	4.478262
EV3_str	BOBJ1	293.6	After	Interior Girder 1	68.6	0.95	1	1	3.470166
EV3_str	BOBJ1	293.6	After	Interior Girder 2	68.6	0.95	1	1	3.470166
EV3_str	BOBJ1	293.6	After	Right Exterior Girder	68.6	0.95	1	1	4.478262
EV3_str	BOBJ1	305	Before	Left Exterior Girder	80	0.95	1	1	2.443626
EV3_str	BOBJ1	305	Before	Interior Girder 1	80	0.95	1	1	1.941164
EV3_str	BOBJ1	305	Before	Interior Girder 2	80	0.95	1	1	1.941164
EV3_str	BOBJ1	305	Before	Right Exterior Girder	80	0.95	1	1	2.443626
EV3_str	BOBJ1	305	After	Left Exterior Girder	80	0.95	1	1	2.441835
EV3_str	BOBJ1	305	After	Interior Girder 1	80	0.95	1	1	1.940477
EV3_str	BOBJ1	305	After	Interior Girder 2	80	0.95	1	1	1.940477
EV3_str	BOBJ1	305	After	Right Exterior Girder	80	0.95	1	1	2.441835
EV3_str	BOBJ1	306.9561	Before	Left Exterior Girder	81.9561	0.95	1	1	2.166895
EV3_str	BOBJ1	306.9561	Before	Interior Girder 1	81.9561	0.95	1	1	1.73967
EV3_str	BOBJ1	306.9561	Before	Interior Girder 2	81.9561	0.95	1	1	1.73967
EV3_str	BOBJ1	306.9561	Before	Right Exterior Girder	81.9561	0.95	1	1	2.166895
EV3_str	BOBJ1	306.9561	After	Left Exterior Girder	81.9561	0.95	1	1	5.667229
EV3_str	BOBJ1	306.9561	After	Interior Girder 1	81.9561	0.95	1	1	4.608533
EV3_str	BOBJ1	306.9561	After	Interior Girder 2	81.9561	0.95	1	1	4.608533
EV3_str	BOBJ1	306.9561	After	Right Exterior Girder	81.9561	0.95	1	1	5.667229
EV3_str	BOBJ1	316.4	Before	Left Exterior Girder	91.4	0.95	1	1	4.175645
EV3_str	BOBJ1	316.4	Before	Interior Girder 1	91.4	0.95	1	1	3.529869
EV3_str	BOBJ1	316.4	Before	Interior Girder 2	91.4	0.95	1	1	3.529869
EV3_str	BOBJ1	316.4	Before	Right Exterior Girder	91.4	0.95	1	1	4.175645

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelNonCompStrgth-Flx - Main Span Girders									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
EV3_str	BOBJ1	316.4	After	Left Exterior Girder	91.4	0.95	1	1	4.223926
EV3_str	BOBJ1	316.4	After	Interior Girder 1	91.4	0.95	1	1	3.515765
EV3_str	BOBJ1	316.4	After	Interior Girder 2	91.4	0.95	1	1	3.515765
EV3_str	BOBJ1	316.4	After	Right Exterior Girder	91.4	0.95	1	1	4.223926
EV3_str	BOBJ1	327.85	Before	Left Exterior Girder	102.9679	0.95	1	1	3.036711
EV3_str	BOBJ1	327.85	Before	Interior Girder 1	102.9679	0.95	1	1	2.541961
EV3_str	BOBJ1	327.85	Before	Interior Girder 2	102.9679	0.95	1	1	2.541962
EV3_str	BOBJ1	327.85	Before	Right Exterior Girder	102.9679	0.95	1	1	3.036711
EV3_str	BOBJ1	327.85	After	Left Exterior Girder	102.9679	0.95	1	1	5.861656
EV3_str	BOBJ1	327.85	After	Interior Girder 1	102.9679	0.95	1	1	4.994285
EV3_str	BOBJ1	327.85	After	Interior Girder 2	102.9679	0.95	1	1	4.994285
EV3_str	BOBJ1	327.85	After	Right Exterior Girder	102.9679	0.95	1	1	5.861656
EV3_str	BOBJ1	339.3	Before	Left Exterior Girder	114.3	0.95	1	1	4.778594
EV3_str	BOBJ1	339.3	Before	Interior Girder 1	114.3	0.95	1	1	4.192273
EV3_str	BOBJ1	339.3	Before	Interior Girder 2	114.3	0.95	1	1	4.192273
EV3_str	BOBJ1	339.3	Before	Right Exterior Girder	114.3	0.95	1	1	4.778594
EV3_str	BOBJ1	339.3	After	Left Exterior Girder	114.3	0.95	1	1	4.805891
EV3_str	BOBJ1	339.3	After	Interior Girder 1	114.3	0.95	1	1	4.184265
EV3_str	BOBJ1	339.3	After	Interior Girder 2	114.3	0.95	1	1	4.184265
EV3_str	BOBJ1	339.3	After	Right Exterior Girder	114.3	0.95	1	1	4.805891
EV3_str	BOBJ1	350.7	Before	Left Exterior Girder	125.7	0.95	1	1	4.127551
EV3_str	BOBJ1	350.7	Before	Interior Girder 1	125.7	0.95	1	1	3.58264
EV3_str	BOBJ1	350.7	Before	Interior Girder 2	125.7	0.95	1	1	3.58264
EV3_str	BOBJ1	350.7	Before	Right Exterior Girder	125.7	0.95	1	1	4.127551
EV3_str	BOBJ1	350.7	After	Left Exterior Girder	125.7	0.95	1	1	4.123168
EV3_str	BOBJ1	350.7	After	Interior Girder 1	125.7	0.95	1	1	3.586143
EV3_str	BOBJ1	350.7	After	Interior Girder 2	125.7	0.95	1	1	3.586143
EV3_str	BOBJ1	350.7	After	Right Exterior Girder	125.7	0.95	1	1	4.123168
EV3_str	BOBJ1	362.1	Before	Left Exterior Girder	137.1	0.95	1	1	3.655173
EV3_str	BOBJ1	362.1	Before	Interior Girder 1	137.1	0.95	1	1	3.24462
EV3_str	BOBJ1	362.1	Before	Interior Girder 2	137.1	0.95	1	1	3.24462
EV3_str	BOBJ1	362.1	Before	Right Exterior Girder	137.1	0.95	1	1	3.655173
EV3_str	BOBJ1	362.1	After	Left Exterior Girder	137.1	0.95	1	1	3.669069
EV3_str	BOBJ1	362.1	After	Interior Girder 1	137.1	0.95	1	1	3.248909
EV3_str	BOBJ1	362.1	After	Interior Girder 2	137.1	0.95	1	1	3.248909
EV3_str	BOBJ1	362.1	After	Right Exterior Girder	137.1	0.95	1	1	3.669069
EV3_str	BOBJ1	373.55	Before	Left Exterior Girder	148.55	0.95	1	1	3.434305
EV3_str	BOBJ1	373.55	Before	Interior Girder 1	148.55	0.95	1	1	3.013557
EV3_str	BOBJ1	373.55	Before	Interior Girder 2	148.55	0.95	1	1	3.013557
EV3_str	BOBJ1	373.55	Before	Right Exterior Girder	148.55	0.95	1	1	3.434305
EV3_str	BOBJ1	373.55	After	Left Exterior Girder	148.55	0.95	1	1	3.431247
EV3_str	BOBJ1	373.55	After	Interior Girder 1	148.55	0.95	1	1	3.01621
EV3_str	BOBJ1	373.55	After	Interior Girder 2	148.55	0.95	1	1	3.01621
EV3_str	BOBJ1	373.55	After	Right Exterior Girder	148.55	0.95	1	1	3.431247
EV3_str	BOBJ1	385	Before	Left Exterior Girder	160	0.95	1	1	3.335838
EV3_str	BOBJ1	385	Before	Interior Girder 1	160	0.95	1	1	2.9707
EV3_str	BOBJ1	385	Before	Interior Girder 2	160	0.95	1	1	2.9707
EV3_str	BOBJ1	385	Before	Right Exterior Girder	160	0.95	1	1	3.335838
EV3_str	BOBJ1	385	After	Left Exterior Girder	160	0.95	1	1	3.335838
EV3_str	BOBJ1	385	After	Interior Girder 1	160	0.95	1	1	2.9707
EV3_str	BOBJ1	385	After	Interior Girder 2	160	0.95	1	1	2.9707
EV3_str	BOBJ1	385	After	Right Exterior Girder	160	0.95	1	1	3.335838
EV3_str	BOBJ1	396.45	Before	Left Exterior Girder	171.45	0.95	1	1	3.431247
EV3_str	BOBJ1	396.45	Before	Interior Girder 1	171.45	0.95	1	1	3.01621
EV3_str	BOBJ1	396.45	Before	Interior Girder 2	171.45	0.95	1	1	3.01621
EV3_str	BOBJ1	396.45	Before	Right Exterior Girder	171.45	0.95	1	1	3.431247
EV3_str	BOBJ1	396.45	After	Left Exterior Girder	171.45	0.95	1	1	3.434305
EV3_str	BOBJ1	396.45	After	Interior Girder 1	171.45	0.95	1	1	3.013557
EV3_str	BOBJ1	396.45	After	Interior Girder 2	171.45	0.95	1	1	3.013557
EV3_str	BOBJ1	396.45	After	Right Exterior Girder	171.45	0.95	1	1	3.434305
EV3_str	BOBJ1	407.9	Before	Left Exterior Girder	182.9	0.95	1	1	3.669069
EV3_str	BOBJ1	407.9	Before	Interior Girder 1	182.9	0.95	1	1	3.248909
EV3_str	BOBJ1	407.9	Before	Interior Girder 2	182.9	0.95	1	1	3.248909
EV3_str	BOBJ1	407.9	Before	Right Exterior Girder	182.9	0.95	1	1	3.669069
EV3_str	BOBJ1	407.9	After	Left Exterior Girder	182.9	0.95	1	1	3.655172
EV3_str	BOBJ1	407.9	After	Interior Girder 1	182.9	0.95	1	1	3.24462
EV3_str	BOBJ1	407.9	After	Interior Girder 2	182.9	0.95	1	1	3.24462
EV3_str	BOBJ1	407.9	After	Right Exterior Girder	182.9	0.95	1	1	3.655172

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelNonCompStrgth-Flx - Main Span Girders									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
EV3_str	BOBJ1	419.3	Before	Left Exterior Girder	194.3	0.95	1	1	4.123168
EV3_str	BOBJ1	419.3	Before	Interior Girder 1	194.3	0.95	1	1	3.586143
EV3_str	BOBJ1	419.3	Before	Interior Girder 2	194.3	0.95	1	1	3.586143
EV3_str	BOBJ1	419.3	Before	Right Exterior Girder	194.3	0.95	1	1	4.123168
EV3_str	BOBJ1	419.3	After	Left Exterior Girder	194.3	0.95	1	1	4.127551
EV3_str	BOBJ1	419.3	After	Interior Girder 1	194.3	0.95	1	1	3.582639
EV3_str	BOBJ1	419.3	After	Interior Girder 2	194.3	0.95	1	1	3.582639
EV3_str	BOBJ1	419.3	After	Right Exterior Girder	194.3	0.95	1	1	4.127551
EV3_str	BOBJ1	430.7	Before	Left Exterior Girder	205.7	0.95	1	1	4.805891
EV3_str	BOBJ1	430.7	Before	Interior Girder 1	205.7	0.95	1	1	4.184265
EV3_str	BOBJ1	430.7	Before	Interior Girder 2	205.7	0.95	1	1	4.184265
EV3_str	BOBJ1	430.7	Before	Right Exterior Girder	205.7	0.95	1	1	4.805891
EV3_str	BOBJ1	430.7	After	Left Exterior Girder	205.7	0.95	1	1	4.778594
EV3_str	BOBJ1	430.7	After	Interior Girder 1	205.7	0.95	1	1	4.192273
EV3_str	BOBJ1	430.7	After	Interior Girder 2	205.7	0.95	1	1	4.192273
EV3_str	BOBJ1	430.7	After	Right Exterior Girder	205.7	0.95	1	1	4.778594
EV3_str	BOBJ1	442.15	Before	Left Exterior Girder	217.0321	0.95	1	1	5.852155
EV3_str	BOBJ1	442.15	Before	Interior Girder 1	217.0321	0.95	1	1	4.994466
EV3_str	BOBJ1	442.15	Before	Interior Girder 2	217.0321	0.95	1	1	4.994466
EV3_str	BOBJ1	442.15	Before	Right Exterior Girder	217.0321	0.95	1	1	5.852155
EV3_str	BOBJ1	442.15	After	Left Exterior Girder	217.0321	0.95	1	1	3.032517
EV3_str	BOBJ1	442.15	After	Interior Girder 1	217.0321	0.95	1	1	2.541207
EV3_str	BOBJ1	442.15	After	Interior Girder 2	217.0321	0.95	1	1	2.541207
EV3_str	BOBJ1	442.15	After	Right Exterior Girder	217.0321	0.95	1	1	3.032517
EV3_str	BOBJ1	453.6	Before	Left Exterior Girder	228.6	0.95	1	1	4.223926
EV3_str	BOBJ1	453.6	Before	Interior Girder 1	228.6	0.95	1	1	3.515765
EV3_str	BOBJ1	453.6	Before	Interior Girder 2	228.6	0.95	1	1	3.515765
EV3_str	BOBJ1	453.6	Before	Right Exterior Girder	228.6	0.95	1	1	4.223926
EV3_str	BOBJ1	453.6	After	Left Exterior Girder	228.6	0.95	1	1	4.175645
EV3_str	BOBJ1	453.6	After	Interior Girder 1	228.6	0.95	1	1	3.529869
EV3_str	BOBJ1	453.6	After	Interior Girder 2	228.6	0.95	1	1	3.529869
EV3_str	BOBJ1	453.6	After	Right Exterior Girder	228.6	0.95	1	1	4.175645
EV3_str	BOBJ1	463.0439	Before	Left Exterior Girder	238.0439	0.95	1	1	5.650819
EV3_str	BOBJ1	463.0439	Before	Interior Girder 1	238.0439	0.95	1	1	4.608366
EV3_str	BOBJ1	463.0439	Before	Interior Girder 2	238.0439	0.95	1	1	4.608367
EV3_str	BOBJ1	463.0439	Before	Right Exterior Girder	238.0439	0.95	1	1	5.650818
EV3_str	BOBJ1	463.0439	After	Left Exterior Girder	238.0439	0.95	1	1	2.161338
EV3_str	BOBJ1	463.0439	After	Interior Girder 1	238.0439	0.95	1	1	1.738723
EV3_str	BOBJ1	463.0439	After	Interior Girder 2	238.0439	0.95	1	1	1.738723
EV3_str	BOBJ1	463.0439	After	Right Exterior Girder	238.0439	0.95	1	1	2.161337
EV3_str	BOBJ1	465	Before	Left Exterior Girder	240	0.95	1	1	2.441835
EV3_str	BOBJ1	465	Before	Interior Girder 1	240	0.95	1	1	1.940477
EV3_str	BOBJ1	465	Before	Interior Girder 2	240	0.95	1	1	1.940477
EV3_str	BOBJ1	465	Before	Right Exterior Girder	240	0.95	1	1	2.441835
EV3_str	BOBJ1	465	After	Left Exterior Girder	240	0.95	1	1	2.443626
EV3_str	BOBJ1	465	After	Interior Girder 1	240	0.95	1	1	1.941164
EV3_str	BOBJ1	465	After	Interior Girder 2	240	0.95	1	1	1.941164
EV3_str	BOBJ1	465	After	Right Exterior Girder	240	0.95	1	1	2.443625
EV3_str	BOBJ1	476.4	Before	Left Exterior Girder	251.4	0.95	1	1	4.478262
EV3_str	BOBJ1	476.4	Before	Interior Girder 1	251.4	0.95	1	1	3.470166
EV3_str	BOBJ1	476.4	Before	Interior Girder 2	251.4	0.95	1	1	3.470166
EV3_str	BOBJ1	476.4	Before	Right Exterior Girder	251.4	0.95	1	1	4.478261
EV3_str	BOBJ1	476.4	After	Left Exterior Girder	251.4	0.95	1	1	4.339787
EV3_str	BOBJ1	476.4	After	Interior Girder 1	251.4	0.95	1	1	3.417357
EV3_str	BOBJ1	476.4	After	Interior Girder 2	251.4	0.95	1	1	3.417357
EV3_str	BOBJ1	476.4	After	Right Exterior Girder	251.4	0.95	1	1	4.339787
EV3_str	BOBJ1	487.85	Before	Left Exterior Girder	262.85	0.95	1	1	5.42993
EV3_str	BOBJ1	487.85	Before	Interior Girder 1	262.85	0.95	1	1	5.336543
EV3_str	BOBJ1	487.85	Before	Interior Girder 2	262.85	0.95	1	1	5.336543
EV3_str	BOBJ1	487.85	Before	Right Exterior Girder	262.85	0.95	1	1	5.42993
EV3_str	BOBJ1	487.85	After	Left Exterior Girder	262.85	0.95	1	1	5.438699
EV3_str	BOBJ1	487.85	After	Interior Girder 1	262.85	0.95	1	1	5.327916
EV3_str	BOBJ1	487.85	After	Interior Girder 2	262.85	0.95	1	1	5.327916
EV3_str	BOBJ1	487.85	After	Right Exterior Girder	262.85	0.95	1	1	5.438699
EV3_str	BOBJ1	496.3126	Before	Left Exterior Girder	271.3126	0.95	1	1	3.398208
EV3_str	BOBJ1	496.3126	Before	Interior Girder 1	271.3126	0.95	1	1	3.320819
EV3_str	BOBJ1	496.3126	Before	Interior Girder 2	271.3126	0.95	1	1	3.320819
EV3_str	BOBJ1	496.3126	Before	Right Exterior Girder	271.3126	0.95	1	1	3.398208

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelNonCompStrgth-Flx - Main Span Girders									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
EV3_str	BOBJ1	496.3126	After	Left Exterior Girder	271.3126	0.95	1	1	8.989762
EV3_str	BOBJ1	496.3126	After	Interior Girder 1	271.3126	0.95	1	1	8.580132
EV3_str	BOBJ1	496.3126	After	Interior Girder 2	271.3126	0.95	1	1	8.580132
EV3_str	BOBJ1	496.3126	After	Right Exterior Girder	271.3126	0.95	1	1	8.989762
EV3_str	BOBJ1	499.3	Before	Left Exterior Girder	274.3	0.95	1	1	8.202667
EV3_str	BOBJ1	499.3	Before	Interior Girder 1	274.3	0.95	1	1	7.794137
EV3_str	BOBJ1	499.3	Before	Interior Girder 2	274.3	0.95	1	1	7.794137
EV3_str	BOBJ1	499.3	Before	Right Exterior Girder	274.3	0.95	1	1	8.202667
EV3_str	BOBJ1	499.3	After	Left Exterior Girder	274.3	0.95	1	1	6.995933
EV3_str	BOBJ1	499.3	After	Interior Girder 1	274.3	0.95	1	1	6.64973
EV3_str	BOBJ1	499.3	After	Interior Girder 2	274.3	0.95	1	1	6.64973
EV3_str	BOBJ1	499.3	After	Right Exterior Girder	274.3	0.95	1	1	6.995933
EV3_str	BOBJ1	503.8969	Before	Left Exterior Girder	278.8969	0.95	1	1	5.836911
EV3_str	BOBJ1	503.8969	Before	Interior Girder 1	278.8969	0.95	1	1	5.48958
EV3_str	BOBJ1	503.8969	Before	Interior Girder 2	278.8969	0.95	1	1	5.48958
EV3_str	BOBJ1	503.8969	Before	Right Exterior Girder	278.8969	0.95	1	1	5.836911
EV3_str	BOBJ1	503.8969	After	Left Exterior Girder	278.8969	0.95	1	1	11.271701
EV3_str	BOBJ1	503.8969	After	Interior Girder 1	278.8969	0.95	1	1	10.589952
EV3_str	BOBJ1	503.8969	After	Interior Girder 2	278.8969	0.95	1	1	10.589952
EV3_str	BOBJ1	503.8969	After	Right Exterior Girder	278.8969	0.95	1	1	11.271701
EV3_str	BOBJ1	510.7	Before	Left Exterior Girder	285.7	0.95	1	1	9.430621
EV3_str	BOBJ1	510.7	Before	Interior Girder 1	285.7	0.95	1	1	8.716682
EV3_str	BOBJ1	510.7	Before	Interior Girder 2	285.7	0.95	1	1	8.716682
EV3_str	BOBJ1	510.7	Before	Right Exterior Girder	285.7	0.95	1	1	9.430621
EV3_str	BOBJ1	510.7	After	Left Exterior Girder	285.7	0.95	1	1	9.43719
EV3_str	BOBJ1	510.7	After	Interior Girder 1	285.7	0.95	1	1	8.710843
EV3_str	BOBJ1	510.7	After	Interior Girder 2	285.7	0.95	1	1	8.710843
EV3_str	BOBJ1	510.7	After	Right Exterior Girder	285.7	0.95	1	1	9.43719
EV3_str	BOBJ1	511.4811	Before	Left Exterior Girder	286.4811	0.95	1	1	9.221095
EV3_str	BOBJ1	511.4811	Before	Interior Girder 1	286.4811	0.95	1	1	8.504474
EV3_str	BOBJ1	511.4811	Before	Interior Girder 2	286.4811	0.95	1	1	8.504474
EV3_str	BOBJ1	511.4811	Before	Right Exterior Girder	286.4811	0.95	1	1	9.221095
EV3_str	BOBJ1	511.4811	After	Left Exterior Girder	286.4811	0.95	1	1	13.587975
EV3_str	BOBJ1	511.4811	After	Interior Girder 1	286.4811	0.95	1	1	12.635735
EV3_str	BOBJ1	511.4811	After	Interior Girder 2	286.4811	0.95	1	1	12.635734
EV3_str	BOBJ1	511.4811	After	Right Exterior Girder	286.4811	0.95	1	1	13.587975
EV3_str	BOBJ1	522.1	Before	Left Exterior Girder	297.1	0.95	1	1	9.475177
EV3_str	BOBJ1	522.1	Before	Interior Girder 1	297.1	0.95	1	1	9.571885
EV3_str	BOBJ1	522.1	Before	Interior Girder 2	297.1	0.95	1	1	9.571885
EV3_str	BOBJ1	522.1	Before	Right Exterior Girder	297.1	0.95	1	1	9.475177
EV3_str	BOBJ1	522.1	After	Left Exterior Girder	297.1	0.95	1	1	9.736435
EV3_str	BOBJ1	522.1	After	Interior Girder 1	297.1	0.95	1	1	9.581912
EV3_str	BOBJ1	522.1	After	Interior Girder 2	297.1	0.95	1	1	9.581911
EV3_str	BOBJ1	522.1	After	Right Exterior Girder	297.1	0.95	1	1	9.736435
EV3_str	BOBJ1	530.4918	Before	Left Exterior Girder	305.4918	0.95	1	1	6.386938
EV3_str	BOBJ1	530.4918	Before	Interior Girder 1	305.4918	0.95	1	1	6.344745
EV3_str	BOBJ1	530.4918	Before	Interior Girder 2	305.4918	0.95	1	1	6.344746
EV3_str	BOBJ1	530.4918	Before	Right Exterior Girder	305.4918	0.95	1	1	6.386937
EV3_str	BOBJ1	530.4918	After	Left Exterior Girder	305.4918	0.95	1	1	9.728825
EV3_str	BOBJ1	530.4918	After	Interior Girder 1	305.4918	0.95	1	1	9.670609
EV3_str	BOBJ1	530.4918	After	Interior Girder 2	305.4918	0.95	1	1	9.67061
EV3_str	BOBJ1	530.4918	After	Right Exterior Girder	305.4918	0.95	1	1	9.728825
EV3_str	BOBJ1	533.55	Before	Left Exterior Girder	308.55	0.95	1	1	8.469644
EV3_str	BOBJ1	533.55	Before	Interior Girder 1	308.55	0.95	1	1	8.36866
EV3_str	BOBJ1	533.55	Before	Interior Girder 2	308.55	0.95	1	1	8.36866
EV3_str	BOBJ1	533.55	Before	Right Exterior Girder	308.55	0.95	1	1	8.469644
EV3_str	BOBJ1	533.55	After	Left Exterior Girder	308.55	0.95	1	1	8.451931
EV3_str	BOBJ1	533.55	After	Interior Girder 1	308.55	0.95	1	1	8.364813
EV3_str	BOBJ1	533.55	After	Interior Girder 2	308.55	0.95	1	1	8.364814
EV3_str	BOBJ1	533.55	After	Right Exterior Girder	308.55	0.95	1	1	8.45193
EV3_str	BOBJ1	545	Before	Left Exterior Girder	320	0.95	1	1	4.757908
EV3_str	BOBJ1	545	Before	Interior Girder 1	320	0.95	1	1	4.34523
EV3_str	BOBJ1	545	Before	Interior Girder 2	320	0.95	1	1	4.345231
EV3_str	BOBJ1	545	Before	Right Exterior Girder	320	0.95	1	1	4.757908
EV3_str	BOBJ1	545	After	Left Exterior Girder	0	0.95	1	1	5.046921
EV3_str	BOBJ1	545	After	Interior Girder 1	0	0.95	1	1	4.526703
EV3_str	BOBJ1	545	After	Interior Girder 2	0	0.95	1	1	4.526703
EV3_str	BOBJ1	545	After	Right Exterior Girder	0	0.95	1	1	5.046921

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelNonCompStrgth-Flx - Main Span Girders									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
EV3_str	BOBJ1	556.25	Before	Left Exterior Girder	11.25	0.95	1	1	8.374785
EV3_str	BOBJ1	556.25	Before	Interior Girder 1	11.25	0.95	1	1	7.859421
EV3_str	BOBJ1	556.25	Before	Interior Girder 2	11.25	0.95	1	1	7.859421
EV3_str	BOBJ1	556.25	Before	Right Exterior Girder	11.25	0.95	1	1	8.374785
EV3_str	BOBJ1	556.25	After	Left Exterior Girder	11.25	0.95	1	1	8.384355
EV3_str	BOBJ1	556.25	After	Interior Girder 1	11.25	0.95	1	1	7.874346
EV3_str	BOBJ1	556.25	After	Interior Girder 2	11.25	0.95	1	1	7.874346
EV3_str	BOBJ1	556.25	After	Right Exterior Girder	11.25	0.95	1	1	8.384355
EV3_str	BOBJ1	559.4358	Before	Left Exterior Girder	14.4358	0.95	1	1	9.424081
EV3_str	BOBJ1	559.4358	Before	Interior Girder 1	14.4358	0.95	1	1	8.989442
EV3_str	BOBJ1	559.4358	Before	Interior Girder 2	14.4358	0.95	1	1	8.989442
EV3_str	BOBJ1	559.4358	Before	Right Exterior Girder	14.4358	0.95	1	1	9.42408
EV3_str	BOBJ1	559.4358	After	Left Exterior Girder	14.4358	0.95	1	1	6.128245
EV3_str	BOBJ1	559.4358	After	Interior Girder 1	14.4358	0.95	1	1	5.82734
EV3_str	BOBJ1	559.4358	After	Interior Girder 2	14.4358	0.95	1	1	5.82734
EV3_str	BOBJ1	559.4358	After	Right Exterior Girder	14.4358	0.95	1	1	6.128245
EV3_str	BOBJ1	567.5	Before	Left Exterior Girder	22.5	0.95	1	1	8.458666
EV3_str	BOBJ1	567.5	Before	Interior Girder 1	22.5	0.95	1	1	7.756011
EV3_str	BOBJ1	567.5	Before	Interior Girder 2	22.5	0.95	1	1	7.756011
EV3_str	BOBJ1	567.5	Before	Right Exterior Girder	22.5	0.95	1	1	8.458665
EV3_str	BOBJ1	567.5	After	Left Exterior Girder	22.5	0.95	1	1	9.13174
EV3_str	BOBJ1	567.5	After	Interior Girder 1	22.5	0.95	1	1	8.513918
EV3_str	BOBJ1	567.5	After	Interior Girder 2	22.5	0.95	1	1	8.513918
EV3_str	BOBJ1	567.5	After	Right Exterior Girder	22.5	0.95	1	1	9.13174
EV3_str	BOBJ1	570.0586	Before	Left Exterior Girder	25.0586	0.95	1	1	9.962636
EV3_str	BOBJ1	570.0586	Before	Interior Girder 1	25.0586	0.95	1	1	9.085936
EV3_str	BOBJ1	570.0586	Before	Interior Girder 2	25.0586	0.95	1	1	9.085936
EV3_str	BOBJ1	570.0586	Before	Right Exterior Girder	25.0586	0.95	1	1	9.962636
EV3_str	BOBJ1	570.0586	After	Left Exterior Girder	25.0586	0.95	1	1	5.969291
EV3_str	BOBJ1	570.0586	After	Interior Girder 1	25.0586	0.95	1	1	5.433631
EV3_str	BOBJ1	570.0586	After	Interior Girder 2	25.0586	0.95	1	1	5.433631
EV3_str	BOBJ1	570.0586	After	Right Exterior Girder	25.0586	0.95	1	1	5.96929
EV3_str	BOBJ1	578.75	Before	Left Exterior Girder	33.75	0.95	1	1	7.844689
EV3_str	BOBJ1	578.75	Before	Interior Girder 1	33.75	0.95	1	1	7.231762
EV3_str	BOBJ1	578.75	Before	Interior Girder 2	33.75	0.95	1	1	7.231762
EV3_str	BOBJ1	578.75	Before	Right Exterior Girder	33.75	0.95	1	1	7.844689
EV3_str	BOBJ1	578.75	After	Left Exterior Girder	33.75	0.95	1	1	7.826016
EV3_str	BOBJ1	578.75	After	Interior Girder 1	33.75	0.95	1	1	7.244831
EV3_str	BOBJ1	578.75	After	Interior Girder 2	33.75	0.95	1	1	7.244831
EV3_str	BOBJ1	578.75	After	Right Exterior Girder	33.75	0.95	1	1	7.826016
EV3_str	BOBJ1	586.8142	Before	Left Exterior Girder	41.8142	0.95	1	1	9.530227
EV3_str	BOBJ1	586.8142	Before	Interior Girder 1	41.8142	0.95	1	1	8.974709
EV3_str	BOBJ1	586.8142	Before	Interior Girder 2	41.8142	0.95	1	1	8.974709
EV3_str	BOBJ1	586.8142	Before	Right Exterior Girder	41.8142	0.95	1	1	9.530227
EV3_str	BOBJ1	586.8142	After	Left Exterior Girder	41.8142	0.95	1	1	4.438673
EV3_str	BOBJ1	586.8142	After	Interior Girder 1	41.8142	0.95	1	1	4.176544
EV3_str	BOBJ1	586.8142	After	Interior Girder 2	41.8142	0.95	1	1	4.176544
EV3_str	BOBJ1	586.8142	After	Right Exterior Girder	41.8142	0.95	1	1	4.438672
EV3_str	BOBJ1	590	Before	Left Exterior Girder	45	0.95	1	1	5.036246
EV3_str	BOBJ1	590	Before	Interior Girder 1	45	0.95	1	1	4.778286
EV3_str	BOBJ1	590	Before	Interior Girder 2	45	0.95	1	1	4.778286
EV3_str	BOBJ1	590	Before	Right Exterior Girder	45	0.95	1	1	5.036246
EV3_str	BOBJ1	590	After	Left Exterior Girder	45	0.95	1	1	3.239891
EV3_str	BOBJ1	590	After	Interior Girder 1	45	0.95	1	1	3.094657
EV3_str	BOBJ1	590	After	Interior Girder 2	45	0.95	1	1	3.094657
EV3_str	BOBJ1	590	After	Right Exterior Girder	45	0.95	1	1	3.239891
EV3_str	BOBJ1	601.25	Before	Left Exterior Girder	56.25	0.95	1	1	5.288071
EV3_str	BOBJ1	601.25	Before	Interior Girder 1	56.25	0.95	1	1	5.127249
EV3_str	BOBJ1	601.25	Before	Interior Girder 2	56.25	0.95	1	1	5.127249
EV3_str	BOBJ1	601.25	Before	Right Exterior Girder	56.25	0.95	1	1	5.28807
EV3_str	BOBJ1	601.25	After	Left Exterior Girder	56.25	0.95	1	1	5.276767
EV3_str	BOBJ1	601.25	After	Interior Girder 1	56.25	0.95	1	1	5.137624
EV3_str	BOBJ1	601.25	After	Interior Girder 2	56.25	0.95	1	1	5.137624
EV3_str	BOBJ1	601.25	After	Right Exterior Girder	56.25	0.95	1	1	5.276767
EV3_str	BOBJ1	601.7478	Before	Left Exterior Girder	56.7478	0.95	1	1	5.369351
EV3_str	BOBJ1	601.7478	Before	Interior Girder 1	56.7478	0.95	1	1	5.230471
EV3_str	BOBJ1	601.7478	Before	Interior Girder 2	56.7478	0.95	1	1	5.230471
EV3_str	BOBJ1	601.7478	Before	Right Exterior Girder	56.7478	0.95	1	1	5.36935

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelNonCompStrgth-Flx - Main Span Girders									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
EV3_str	BOBJ1	601.7478	After	Left Exterior Girder	56.7478	0.95	1	1	1.706783
EV3_str	BOBJ1	601.7478	After	Interior Girder 1	56.7478	0.95	1	1	1.680749
EV3_str	BOBJ1	601.7478	After	Interior Girder 2	56.7478	0.95	1	1	1.680749
EV3_str	BOBJ1	601.7478	After	Right Exterior Girder	56.7478	0.95	1	1	1.706783
EV3_str	BOBJ1	612.5	Before	Left Exterior Girder	67.5	0.95	1	1	3.499956
EV3_str	BOBJ1	612.5	Before	Interior Girder 1	67.5	0.95	1	1	3.467476
EV3_str	BOBJ1	612.5	Before	Interior Girder 2	67.5	0.95	1	1	3.467476
EV3_str	BOBJ1	612.5	Before	Right Exterior Girder	67.5	0.95	1	1	3.499956
EV3_str	BOBJ1	612.5	After	Left Exterior Girder	67.5	0.95	1	1	4.926097
EV3_str	BOBJ1	612.5	After	Interior Girder 1	67.5	0.95	1	1	4.905677
EV3_str	BOBJ1	612.5	After	Interior Girder 2	67.5	0.95	1	1	4.905677
EV3_str	BOBJ1	612.5	After	Right Exterior Girder	67.5	0.95	1	1	4.926097
EV3_str	BOBJ1	623.75	Before	Left Exterior Girder	78.75	0.95	1	1	4.439774
EV3_str	BOBJ1	623.75	Before	Interior Girder 1	78.75	0.95	1	1	3.656968
EV3_str	BOBJ1	623.75	Before	Interior Girder 2	78.75	0.95	1	1	3.656968
EV3_str	BOBJ1	623.75	Before	Right Exterior Girder	78.75	0.95	1	1	4.439774
EV3_str	BOBJ1	623.75	After	Left Exterior Girder	78.75	0.95	1	1	4.441775
EV3_str	BOBJ1	623.75	After	Interior Girder 1	78.75	0.95	1	1	3.651971
EV3_str	BOBJ1	623.75	After	Interior Girder 2	78.75	0.95	1	1	3.651971
EV3_str	BOBJ1	623.75	After	Right Exterior Girder	78.75	0.95	1	1	4.441775
EV3_str	BOBJ1	635	Before	Left Exterior Girder	90	0.95	1	1	3.111378
EV3_str	BOBJ1	635	Before	Interior Girder 1	90	0.95	1	1	2.688496
EV3_str	BOBJ1	635	Before	Interior Girder 2	90	0.95	1	1	2.688496
EV3_str	BOBJ1	635	Before	Right Exterior Girder	90	0.95	1	1	3.111378
EV3_str	BOBJ1	635	After	Left Exterior Girder	90	0.95	1	1	3.163679
EV3_str	BOBJ1	635	After	Interior Girder 1	90	0.95	1	1	2.699525
EV3_str	BOBJ1	635	After	Interior Girder 2	90	0.95	1	1	2.699525
EV3_str	BOBJ1	635	After	Right Exterior Girder	90	0.95	1	1	3.163679
EV3_str	BOBJ1	643.5619	Before	Left Exterior Girder	98.5619	0.95	1	1	2.475989
EV3_str	BOBJ1	643.5619	Before	Interior Girder 1	98.5619	0.95	1	1	2.133036
EV3_str	BOBJ1	643.5619	Before	Interior Girder 2	98.5619	0.95	1	1	2.133036
EV3_str	BOBJ1	643.5619	Before	Right Exterior Girder	98.5619	0.95	1	1	2.475989
EV3_str	BOBJ1	643.5619	After	Left Exterior Girder	98.5619	0.95	1	1	4.685166
EV3_str	BOBJ1	643.5619	After	Interior Girder 1	98.5619	0.95	1	1	4.031967
EV3_str	BOBJ1	643.5619	After	Interior Girder 2	98.5619	0.95	1	1	4.031967
EV3_str	BOBJ1	643.5619	After	Right Exterior Girder	98.5619	0.95	1	1	4.685166
EV3_str	BOBJ1	646.25	Before	Left Exterior Girder	101.25	0.95	1	1	4.459173
EV3_str	BOBJ1	646.25	Before	Interior Girder 1	101.25	0.95	1	1	3.85391
EV3_str	BOBJ1	646.25	Before	Interior Girder 2	101.25	0.95	1	1	3.85391
EV3_str	BOBJ1	646.25	Before	Right Exterior Girder	101.25	0.95	1	1	4.459173
EV3_str	BOBJ1	646.25	After	Left Exterior Girder	101.25	0.95	1	1	4.455539
EV3_str	BOBJ1	646.25	After	Interior Girder 1	101.25	0.95	1	1	3.853727
EV3_str	BOBJ1	646.25	After	Interior Girder 2	101.25	0.95	1	1	3.853726
EV3_str	BOBJ1	646.25	After	Right Exterior Girder	101.25	0.95	1	1	4.455539
EV3_str	BOBJ1	657.5	Before	Left Exterior Girder	112.5	0.95	1	1	3.69468
EV3_str	BOBJ1	657.5	Before	Interior Girder 1	112.5	0.95	1	1	3.286295
EV3_str	BOBJ1	657.5	Before	Interior Girder 2	112.5	0.95	1	1	3.286295
EV3_str	BOBJ1	657.5	Before	Right Exterior Girder	112.5	0.95	1	1	3.69468
EV3_str	BOBJ1	657.5	After	Left Exterior Girder	112.5	0.95	1	1	3.716228
EV3_str	BOBJ1	657.5	After	Interior Girder 1	112.5	0.95	1	1	3.287189
EV3_str	BOBJ1	657.5	After	Interior Girder 2	112.5	0.95	1	1	3.287188
EV3_str	BOBJ1	657.5	After	Right Exterior Girder	112.5	0.95	1	1	3.716228
EV3_str	BOBJ1	668.75	Before	Left Exterior Girder	123.75	0.95	1	1	3.270036
EV3_str	BOBJ1	668.75	Before	Interior Girder 1	123.75	0.95	1	1	2.873289
EV3_str	BOBJ1	668.75	Before	Interior Girder 2	123.75	0.95	1	1	2.873289
EV3_str	BOBJ1	668.75	Before	Right Exterior Girder	123.75	0.95	1	1	3.270035
EV3_str	BOBJ1	668.75	After	Left Exterior Girder	123.75	0.95	1	1	3.274846
EV3_str	BOBJ1	668.75	After	Interior Girder 1	123.75	0.95	1	1	2.873671
EV3_str	BOBJ1	668.75	After	Interior Girder 2	123.75	0.95	1	1	2.873671
EV3_str	BOBJ1	668.75	After	Right Exterior Girder	123.75	0.95	1	1	3.274846
EV3_str	BOBJ1	680	Before	Left Exterior Girder	135	0.95	1	1	3.002869
EV3_str	BOBJ1	680	Before	Interior Girder 1	135	0.95	1	1	2.679425
EV3_str	BOBJ1	680	Before	Interior Girder 2	135	0.95	1	1	2.679425
EV3_str	BOBJ1	680	Before	Right Exterior Girder	135	0.95	1	1	3.002868
EV3_str	BOBJ1	680	After	Left Exterior Girder	135	0.95	1	1	3.002294
EV3_str	BOBJ1	680	After	Interior Girder 1	135	0.95	1	1	2.685944
EV3_str	BOBJ1	680	After	Interior Girder 2	135	0.95	1	1	2.685945
EV3_str	BOBJ1	680	After	Right Exterior Girder	135	0.95	1	1	3.002294

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelINonCompStrgth-Flx - Main Span Girders									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
EV3_str	BOBJ1	691.25	Before	Left Exterior Girder	146.25	0.95	1	1	2.951053
EV3_str	BOBJ1	691.25	Before	Interior Girder 1	146.25	0.95	1	1	2.581981
EV3_str	BOBJ1	691.25	Before	Interior Girder 2	146.25	0.95	1	1	2.581981
EV3_str	BOBJ1	691.25	Before	Right Exterior Girder	146.25	0.95	1	1	2.951053
EV3_str	BOBJ1	691.25	After	Left Exterior Girder	146.25	0.95	1	1	2.953787
EV3_str	BOBJ1	691.25	After	Interior Girder 1	146.25	0.95	1	1	2.581917
EV3_str	BOBJ1	691.25	After	Interior Girder 2	146.25	0.95	1	1	2.581917
EV3_str	BOBJ1	691.25	After	Right Exterior Girder	146.25	0.95	1	1	2.953787
EV3_str	BOBJ1	702.5	Before	Left Exterior Girder	157.5	0.95	1	1	3.069717
EV3_str	BOBJ1	702.5	Before	Interior Girder 1	157.5	0.95	1	1	2.676899
EV3_str	BOBJ1	702.5	Before	Interior Girder 2	157.5	0.95	1	1	2.676899
EV3_str	BOBJ1	702.5	Before	Right Exterior Girder	157.5	0.95	1	1	3.069717
EV3_str	BOBJ1	702.5	After	Left Exterior Girder	157.5	0.95	1	1	3.044421
EV3_str	BOBJ1	702.5	After	Interior Girder 1	157.5	0.95	1	1	2.690166
EV3_str	BOBJ1	702.5	After	Interior Girder 2	157.5	0.95	1	1	2.690167
EV3_str	BOBJ1	702.5	After	Right Exterior Girder	157.5	0.95	1	1	3.044421
EV3_str	BOBJ1	713.75	Before	Left Exterior Girder	168.75	0.95	1	1	3.445165
EV3_str	BOBJ1	713.75	Before	Interior Girder 1	168.75	0.95	1	1	2.909694
EV3_str	BOBJ1	713.75	Before	Interior Girder 2	168.75	0.95	1	1	2.909694
EV3_str	BOBJ1	713.75	Before	Right Exterior Girder	168.75	0.95	1	1	3.445165
EV3_str	BOBJ1	713.75	After	Left Exterior Girder	168.75	0.95	1	1	3.444633
EV3_str	BOBJ1	713.75	After	Interior Girder 1	168.75	0.95	1	1	2.91229
EV3_str	BOBJ1	713.75	After	Interior Girder 2	168.75	0.95	1	1	2.91229
EV3_str	BOBJ1	713.75	After	Right Exterior Girder	168.75	0.95	1	1	3.444632
EV3_str	BOBJ1	725	Before	Left Exterior Girder	180	0.95	1	1	4.180135
EV3_str	BOBJ1	725	Before	Interior Girder 1	180	0.95	1	1	3.443385
EV3_str	BOBJ1	725	Before	Interior Girder 2	180	0.95	1	1	3.443385
EV3_str	BOBJ1	725	Before	Right Exterior Girder	180	0.95	1	1	4.180134
EV3_str	BOBJ1	725	After	Left Exterior Girder	180	0.95	1	1	4.133631
EV3_str	BOBJ1	725	After	Interior Girder 1	180	0.95	1	1	3.47177
EV3_str	BOBJ1	725	After	Interior Girder 2	180	0.95	1	1	3.47177
EV3_str	BOBJ1	725	After	Right Exterior Girder	180	0.95	1	1	4.133631
EV3_str	BOBJ1	731.1726	Before	Left Exterior Girder	186.1726	0.95	1	1	4.829556
EV3_str	BOBJ1	731.1726	Before	Interior Girder 1	186.1726	0.95	1	1	3.879753
EV3_str	BOBJ1	731.1726	Before	Interior Girder 2	186.1726	0.95	1	1	3.879753
EV3_str	BOBJ1	731.1726	Before	Right Exterior Girder	186.1726	0.95	1	1	4.829556
EV3_str	BOBJ1	731.1726	After	Left Exterior Girder	186.1726	0.95	1	1	2.074018
EV3_str	BOBJ1	731.1726	After	Interior Girder 1	186.1726	0.95	1	1	1.658287
EV3_str	BOBJ1	731.1726	After	Interior Girder 2	186.1726	0.95	1	1	1.658287
EV3_str	BOBJ1	731.1726	After	Right Exterior Girder	186.1726	0.95	1	1	2.074018
EV3_str	BOBJ1	736.25	Before	Left Exterior Girder	191.25	0.95	1	1	2.555072
EV3_str	BOBJ1	736.25	Before	Interior Girder 1	191.25	0.95	1	1	1.96059
EV3_str	BOBJ1	736.25	Before	Interior Girder 2	191.25	0.95	1	1	1.96059
EV3_str	BOBJ1	736.25	Before	Right Exterior Girder	191.25	0.95	1	1	2.555072
EV3_str	BOBJ1	736.25	After	Left Exterior Girder	191.25	0.95	1	1	2.547921
EV3_str	BOBJ1	736.25	After	Interior Girder 1	191.25	0.95	1	1	1.96044
EV3_str	BOBJ1	736.25	After	Interior Girder 2	191.25	0.95	1	1	1.96044
EV3_str	BOBJ1	736.25	After	Right Exterior Girder	191.25	0.95	1	1	2.547921
EV3_str	BOBJ1	747.5	Before	Left Exterior Girder	202.5	0.95	1	1	4.421868
EV3_str	BOBJ1	747.5	Before	Interior Girder 1	202.5	0.95	1	1	3.173235
EV3_str	BOBJ1	747.5	Before	Interior Girder 2	202.5	0.95	1	1	3.173235
EV3_str	BOBJ1	747.5	Before	Right Exterior Girder	202.5	0.95	1	1	4.421868
EV3_str	BOBJ1	747.5	After	Left Exterior Girder	202.5	0.95	1	1	4.243241
EV3_str	BOBJ1	747.5	After	Interior Girder 1	202.5	0.95	1	1	3.13423
EV3_str	BOBJ1	747.5	After	Interior Girder 2	202.5	0.95	1	1	3.13423
EV3_str	BOBJ1	747.5	After	Right Exterior Girder	202.5	0.95	1	1	4.24324
EV3_str	BOBJ1	758.75	Before	Left Exterior Girder	213.75	0.95	1	1	9.964968
EV3_str	BOBJ1	758.75	Before	Interior Girder 1	213.75	0.95	1	1	6.489525
EV3_str	BOBJ1	758.75	Before	Interior Girder 2	213.75	0.95	1	1	6.489525
EV3_str	BOBJ1	758.75	Before	Right Exterior Girder	213.75	0.95	1	1	9.964965
EV3_str	BOBJ1	758.75	After	Left Exterior Girder	213.75	0.95	1	1	9.942156
EV3_str	BOBJ1	758.75	After	Interior Girder 1	213.75	0.95	1	1	6.414792
EV3_str	BOBJ1	758.75	After	Interior Girder 2	213.75	0.95	1	1	6.414793
EV3_str	BOBJ1	758.75	After	Right Exterior Girder	213.75	0.95	1	1	9.942153
EV3_str	BOBJ1	770	Before	Left Exterior Girder	225	0.95	1	1	209.747705
EV3_str	BOBJ1	770	Before	Interior Girder 1	225	0.95	1	1	173.123007
EV3_str	BOBJ1	770	Before	Interior Girder 2	225	0.95	1	1	173.122392
EV3_str	BOBJ1	770	Before	Right Exterior Girder	225	0.95	1	1	209.748753

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelINonCompStrgth-Flx - Main Span Girders									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
EV3-Neg_str	BOBJ1	0	After	Left Exterior Girder	0	0.95	1	1	123.200081
EV3-Neg_str	BOBJ1	0	After	Interior Girder 1	0	0.95	1	1	110.539646
EV3-Neg_str	BOBJ1	0	After	Interior Girder 2	0	0.95	1	1	110.53953
EV3-Neg_str	BOBJ1	0	After	Right Exterior Girder	0	0.95	1	1	123.200075
EV3-Neg_str	BOBJ1	11.25	Before	Left Exterior Girder	11.25	0.95	1	1	60.175095
EV3-Neg_str	BOBJ1	11.25	Before	Interior Girder 1	11.25	0.95	1	1	63.821589
EV3-Neg_str	BOBJ1	11.25	Before	Interior Girder 2	11.25	0.95	1	1	63.821595
EV3-Neg_str	BOBJ1	11.25	Before	Right Exterior Girder	11.25	0.95	1	1	60.175093
EV3-Neg_str	BOBJ1	11.25	After	Left Exterior Girder	11.25	0.95	1	1	60.704832
EV3-Neg_str	BOBJ1	11.25	After	Interior Girder 1	11.25	0.95	1	1	63.263578
EV3-Neg_str	BOBJ1	11.25	After	Interior Girder 2	11.25	0.95	1	1	63.263584
EV3-Neg_str	BOBJ1	11.25	After	Right Exterior Girder	11.25	0.95	1	1	60.704829
EV3-Neg_str	BOBJ1	22.5	Before	Left Exterior Girder	22.5	0.95	1	1	33.512182
EV3-Neg_str	BOBJ1	22.5	Before	Interior Girder 1	22.5	0.95	1	1	36.099073
EV3-Neg_str	BOBJ1	22.5	Before	Interior Girder 2	22.5	0.95	1	1	36.099075
EV3-Neg_str	BOBJ1	22.5	Before	Right Exterior Girder	22.5	0.95	1	1	33.512181
EV3-Neg_str	BOBJ1	22.5	After	Left Exterior Girder	22.5	0.95	1	1	29.357063
EV3-Neg_str	BOBJ1	22.5	After	Interior Girder 1	22.5	0.95	1	1	29.891684
EV3-Neg_str	BOBJ1	22.5	After	Interior Girder 2	22.5	0.95	1	1	29.891685
EV3-Neg_str	BOBJ1	22.5	After	Right Exterior Girder	22.5	0.95	1	1	29.357063
EV3-Neg_str	BOBJ1	33.75	Before	Left Exterior Girder	33.75	0.95	1	1	21.379567
EV3-Neg_str	BOBJ1	33.75	Before	Interior Girder 1	33.75	0.95	1	1	22.332981
EV3-Neg_str	BOBJ1	33.75	Before	Interior Girder 2	33.75	0.95	1	1	22.332981
EV3-Neg_str	BOBJ1	33.75	Before	Right Exterior Girder	33.75	0.95	1	1	21.379567
EV3-Neg_str	BOBJ1	33.75	After	Left Exterior Girder	33.75	0.95	1	1	21.430778
EV3-Neg_str	BOBJ1	33.75	After	Interior Girder 1	33.75	0.95	1	1	22.277621
EV3-Neg_str	BOBJ1	33.75	After	Interior Girder 2	33.75	0.95	1	1	22.277622
EV3-Neg_str	BOBJ1	33.75	After	Right Exterior Girder	33.75	0.95	1	1	21.430778
EV3-Neg_str	BOBJ1	38.8274	Before	Left Exterior Girder	38.8274	0.95	1	1	19.232467
EV3-Neg_str	BOBJ1	38.8274	Before	Interior Girder 1	38.8274	0.95	1	1	20.168712
EV3-Neg_str	BOBJ1	38.8274	Before	Interior Girder 2	38.8274	0.95	1	1	20.168712
EV3-Neg_str	BOBJ1	38.8274	Before	Right Exterior Girder	38.8274	0.95	1	1	19.232467
EV3-Neg_str	BOBJ1	38.8274	After	Left Exterior Girder	38.8274	0.95	1	1	26.680095
EV3-Neg_str	BOBJ1	38.8274	After	Interior Girder 1	38.8274	0.95	1	1	27.756908
EV3-Neg_str	BOBJ1	38.8274	After	Interior Girder 2	38.8274	0.95	1	1	27.756908
EV3-Neg_str	BOBJ1	38.8274	After	Right Exterior Girder	38.8274	0.95	1	1	26.680095
EV3-Neg_str	BOBJ1	45	Before	Left Exterior Girder	45	0.95	1	1	23.538694
EV3-Neg_str	BOBJ1	45	Before	Interior Girder 1	45	0.95	1	1	24.6816
EV3-Neg_str	BOBJ1	45	Before	Interior Girder 2	45	0.95	1	1	24.6816
EV3-Neg_str	BOBJ1	45	Before	Right Exterior Girder	45	0.95	1	1	23.538694
EV3-Neg_str	BOBJ1	45	After	Left Exterior Girder	45	0.95	1	1	24.595734
EV3-Neg_str	BOBJ1	45	After	Interior Girder 1	45	0.95	1	1	25.07833
EV3-Neg_str	BOBJ1	45	After	Interior Girder 2	45	0.95	1	1	25.078329
EV3-Neg_str	BOBJ1	45	After	Right Exterior Girder	45	0.95	1	1	24.595735
EV3-Neg_str	BOBJ1	56.25	Before	Left Exterior Girder	56.25	0.95	1	1	20.174786
EV3-Neg_str	BOBJ1	56.25	Before	Interior Girder 1	56.25	0.95	1	1	20.839791
EV3-Neg_str	BOBJ1	56.25	Before	Interior Girder 2	56.25	0.95	1	1	20.83979
EV3-Neg_str	BOBJ1	56.25	Before	Right Exterior Girder	56.25	0.95	1	1	20.174787
EV3-Neg_str	BOBJ1	56.25	After	Left Exterior Girder	56.25	0.95	1	1	20.225115
EV3-Neg_str	BOBJ1	56.25	After	Interior Girder 1	56.25	0.95	1	1	20.789759
EV3-Neg_str	BOBJ1	56.25	After	Interior Girder 2	56.25	0.95	1	1	20.789759
EV3-Neg_str	BOBJ1	56.25	After	Right Exterior Girder	56.25	0.95	1	1	20.225115
EV3-Neg_str	BOBJ1	67.5	Before	Left Exterior Girder	67.5	0.95	1	1	17.034381
EV3-Neg_str	BOBJ1	67.5	Before	Interior Girder 1	67.5	0.95	1	1	17.665134
EV3-Neg_str	BOBJ1	67.5	Before	Interior Girder 2	67.5	0.95	1	1	17.665134
EV3-Neg_str	BOBJ1	67.5	Before	Right Exterior Girder	67.5	0.95	1	1	17.034381
EV3-Neg_str	BOBJ1	67.5	After	Left Exterior Girder	67.5	0.95	1	1	17.235992
EV3-Neg_str	BOBJ1	67.5	After	Interior Girder 1	67.5	0.95	1	1	17.595447
EV3-Neg_str	BOBJ1	67.5	After	Interior Girder 2	67.5	0.95	1	1	17.595447
EV3-Neg_str	BOBJ1	67.5	After	Right Exterior Girder	67.5	0.95	1	1	17.235993
EV3-Neg_str	BOBJ1	78.75	Before	Left Exterior Girder	78.75	0.95	1	1	14.683354
EV3-Neg_str	BOBJ1	78.75	Before	Interior Girder 1	78.75	0.95	1	1	15.088703
EV3-Neg_str	BOBJ1	78.75	Before	Interior Girder 2	78.75	0.95	1	1	15.088703
EV3-Neg_str	BOBJ1	78.75	Before	Right Exterior Girder	78.75	0.95	1	1	14.683353
EV3-Neg_str	BOBJ1	78.75	After	Left Exterior Girder	78.75	0.95	1	1	14.712016
EV3-Neg_str	BOBJ1	78.75	After	Interior Girder 1	78.75	0.95	1	1	15.062326
EV3-Neg_str	BOBJ1	78.75	After	Interior Girder 2	78.75	0.95	1	1	15.062326
EV3-Neg_str	BOBJ1	78.75	After	Right Exterior Girder	78.75	0.95	1	1	14.712016

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelINonCompStrgth-Flx - Main Span Girders									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
EV3-Neg_str	BOBJ1	90	Before	Left Exterior Girder	90	0.95	1	1	12.602128
EV3-Neg_str	BOBJ1	90	Before	Interior Girder 1	90	0.95	1	1	12.962495
EV3-Neg_str	BOBJ1	90	Before	Interior Girder 2	90	0.95	1	1	12.962495
EV3-Neg_str	BOBJ1	90	Before	Right Exterior Girder	90	0.95	1	1	12.602128
EV3-Neg_str	BOBJ1	90	After	Left Exterior Girder	90	0.95	1	1	12.691389
EV3-Neg_str	BOBJ1	90	After	Interior Girder 1	90	0.95	1	1	12.940964
EV3-Neg_str	BOBJ1	90	After	Interior Girder 2	90	0.95	1	1	12.940964
EV3-Neg_str	BOBJ1	90	After	Right Exterior Girder	90	0.95	1	1	12.691388
EV3-Neg_str	BOBJ1	101.25	Before	Left Exterior Girder	101.25	0.95	1	1	10.842807
EV3-Neg_str	BOBJ1	101.25	Before	Interior Girder 1	101.25	0.95	1	1	11.087003
EV3-Neg_str	BOBJ1	101.25	Before	Interior Girder 2	101.25	0.95	1	1	11.087003
EV3-Neg_str	BOBJ1	101.25	Before	Right Exterior Girder	101.25	0.95	1	1	10.842806
EV3-Neg_str	BOBJ1	101.25	After	Left Exterior Girder	101.25	0.95	1	1	10.858029
EV3-Neg_str	BOBJ1	101.25	After	Interior Girder 1	101.25	0.95	1	1	11.072165
EV3-Neg_str	BOBJ1	101.25	After	Interior Girder 2	101.25	0.95	1	1	11.072165
EV3-Neg_str	BOBJ1	101.25	After	Right Exterior Girder	101.25	0.95	1	1	10.858029
EV3-Neg_str	BOBJ1	112.5	Before	Left Exterior Girder	112.5	0.95	1	1	9.216282
EV3-Neg_str	BOBJ1	112.5	Before	Interior Girder 1	112.5	0.95	1	1	9.416805
EV3-Neg_str	BOBJ1	112.5	Before	Interior Girder 2	112.5	0.95	1	1	9.416805
EV3-Neg_str	BOBJ1	112.5	Before	Right Exterior Girder	112.5	0.95	1	1	9.216282
EV3-Neg_str	BOBJ1	112.5	After	Left Exterior Girder	112.5	0.95	1	1	9.038421
EV3-Neg_str	BOBJ1	112.5	After	Interior Girder 1	112.5	0.95	1	1	9.181623
EV3-Neg_str	BOBJ1	112.5	After	Interior Girder 2	112.5	0.95	1	1	9.181624
EV3-Neg_str	BOBJ1	112.5	After	Right Exterior Girder	112.5	0.95	1	1	9.038421
EV3-Neg_str	BOBJ1	123.75	Before	Left Exterior Girder	123.75	0.95	1	1	7.550244
EV3-Neg_str	BOBJ1	123.75	Before	Interior Girder 1	123.75	0.95	1	1	7.663791
EV3-Neg_str	BOBJ1	123.75	Before	Interior Girder 2	123.75	0.95	1	1	7.663792
EV3-Neg_str	BOBJ1	123.75	Before	Right Exterior Girder	123.75	0.95	1	1	7.550244
EV3-Neg_str	BOBJ1	123.75	After	Left Exterior Girder	123.75	0.95	1	1	7.557243
EV3-Neg_str	BOBJ1	123.75	After	Interior Girder 1	123.75	0.95	1	1	7.656999
EV3-Neg_str	BOBJ1	123.75	After	Interior Girder 2	123.75	0.95	1	1	7.656999
EV3-Neg_str	BOBJ1	123.75	After	Right Exterior Girder	123.75	0.95	1	1	7.557243
EV3-Neg_str	BOBJ1	126.4381	Before	Left Exterior Girder	126.4381	0.95	1	1	7.215131
EV3-Neg_str	BOBJ1	126.4381	Before	Interior Girder 1	126.4381	0.95	1	1	7.316766
EV3-Neg_str	BOBJ1	126.4381	Before	Interior Girder 2	126.4381	0.95	1	1	7.316766
EV3-Neg_str	BOBJ1	126.4381	Before	Right Exterior Girder	126.4381	0.95	1	1	7.215131
EV3-Neg_str	BOBJ1	126.4381	After	Left Exterior Girder	126.4381	0.95	1	1	4.916359
EV3-Neg_str	BOBJ1	126.4381	After	Interior Girder 1	126.4381	0.95	1	1	4.995411
EV3-Neg_str	BOBJ1	126.4381	After	Interior Girder 2	126.4381	0.95	1	1	4.995411
EV3-Neg_str	BOBJ1	126.4381	After	Right Exterior Girder	126.4381	0.95	1	1	4.916359
EV3-Neg_str	BOBJ1	135	Before	Left Exterior Girder	135	0.95	1	1	4.028866
EV3-Neg_str	BOBJ1	135	Before	Interior Girder 1	135	0.95	1	1	4.097247
EV3-Neg_str	BOBJ1	135	Before	Interior Girder 2	135	0.95	1	1	4.097248
EV3-Neg_str	BOBJ1	135	Before	Right Exterior Girder	135	0.95	1	1	4.028866
EV3-Neg_str	BOBJ1	135	After	Left Exterior Girder	135	0.95	1	1	5.025337
EV3-Neg_str	BOBJ1	135	After	Interior Girder 1	135	0.95	1	1	5.087728
EV3-Neg_str	BOBJ1	135	After	Interior Girder 2	135	0.95	1	1	5.087727
EV3-Neg_str	BOBJ1	135	After	Right Exterior Girder	135	0.95	1	1	5.025337
EV3-Neg_str	BOBJ1	146.25	Before	Left Exterior Girder	146.25	0.95	1	1	3.832113
EV3-Neg_str	BOBJ1	146.25	Before	Interior Girder 1	146.25	0.95	1	1	3.862882
EV3-Neg_str	BOBJ1	146.25	Before	Interior Girder 2	146.25	0.95	1	1	3.862881
EV3-Neg_str	BOBJ1	146.25	Before	Right Exterior Girder	146.25	0.95	1	1	3.832113
EV3-Neg_str	BOBJ1	146.25	After	Left Exterior Girder	146.25	0.95	1	1	3.83949
EV3-Neg_str	BOBJ1	146.25	After	Interior Girder 1	146.25	0.95	1	1	3.855825
EV3-Neg_str	BOBJ1	146.25	After	Interior Girder 2	146.25	0.95	1	1	3.855825
EV3-Neg_str	BOBJ1	146.25	After	Right Exterior Girder	146.25	0.95	1	1	3.83949
EV3-Neg_str	BOBJ1	157.5	Before	Left Exterior Girder	157.5	0.95	1	1	2.710578
EV3-Neg_str	BOBJ1	157.5	Before	Interior Girder 1	157.5	0.95	1	1	2.712185
EV3-Neg_str	BOBJ1	157.5	Before	Interior Girder 2	157.5	0.95	1	1	2.712184
EV3-Neg_str	BOBJ1	157.5	Before	Right Exterior Girder	157.5	0.95	1	1	2.710578
EV3-Neg_str	BOBJ1	157.5	After	Left Exterior Girder	157.5	0.95	1	1	1.925957
EV3-Neg_str	BOBJ1	157.5	After	Interior Girder 1	157.5	0.95	1	1	1.917242
EV3-Neg_str	BOBJ1	157.5	After	Interior Girder 2	157.5	0.95	1	1	1.917242
EV3-Neg_str	BOBJ1	157.5	After	Right Exterior Girder	157.5	0.95	1	1	1.925958
EV3-Neg_str	BOBJ1	168.2522	Before	Left Exterior Girder	168.2522	0.95	1	1	0.93682
EV3-Neg_str	BOBJ1	168.2522	Before	Interior Girder 1	168.2522	0.95	1	1	0.92531
EV3-Neg_str	BOBJ1	168.2522	Before	Interior Girder 2	168.2522	0.95	1	1	0.92531
EV3-Neg_str	BOBJ1	168.2522	Before	Right Exterior Girder	168.2522	0.95	1	1	0.93682

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelINonCompStrgth-Flx - Main Span Girders									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
EV3-Neg_str	BOBJ1	168.2522	After	Left Exterior Girder	168.2522	0.95	1	1	2.946256
EV3-Neg_str	BOBJ1	168.2522	After	Interior Girder 1	168.2522	0.95	1	1	2.882261
EV3-Neg_str	BOBJ1	168.2522	After	Interior Girder 2	168.2522	0.95	1	1	2.882261
EV3-Neg_str	BOBJ1	168.2522	After	Right Exterior Girder	168.2522	0.95	1	1	2.946256
EV3-Neg_str	BOBJ1	168.75	Before	Left Exterior Girder	168.75	0.95	1	1	2.892019
EV3-Neg_str	BOBJ1	168.75	Before	Interior Girder 1	168.75	0.95	1	1	2.832979
EV3-Neg_str	BOBJ1	168.75	Before	Interior Girder 2	168.75	0.95	1	1	2.832979
EV3-Neg_str	BOBJ1	168.75	Before	Right Exterior Girder	168.75	0.95	1	1	2.892019
EV3-Neg_str	BOBJ1	168.75	After	Left Exterior Girder	168.75	0.95	1	1	2.89866
EV3-Neg_str	BOBJ1	168.75	After	Interior Girder 1	168.75	0.95	1	1	2.827175
EV3-Neg_str	BOBJ1	168.75	After	Interior Girder 2	168.75	0.95	1	1	2.827175
EV3-Neg_str	BOBJ1	168.75	After	Right Exterior Girder	168.75	0.95	1	1	2.89866
EV3-Neg_str	BOBJ1	180	Before	Left Exterior Girder	180	0.95	1	1	1.747245
EV3-Neg_str	BOBJ1	180	Before	Interior Girder 1	180	0.95	1	1	1.682789
EV3-Neg_str	BOBJ1	180	Before	Interior Girder 2	180	0.95	1	1	1.682789
EV3-Neg_str	BOBJ1	180	Before	Right Exterior Girder	180	0.95	1	1	1.747245
EV3-Neg_str	BOBJ1	180	After	Left Exterior Girder	180	0.95	1	1	2.420246
EV3-Neg_str	BOBJ1	180	After	Interior Girder 1	180	0.95	1	1	2.327903
EV3-Neg_str	BOBJ1	180	After	Interior Girder 2	180	0.95	1	1	2.327903
EV3-Neg_str	BOBJ1	180	After	Right Exterior Girder	180	0.95	1	1	2.420246
EV3-Neg_str	BOBJ1	183.1858	Before	Left Exterior Girder	183.1858	0.95	1	1	2.085416
EV3-Neg_str	BOBJ1	183.1858	Before	Interior Girder 1	183.1858	0.95	1	1	1.99757
EV3-Neg_str	BOBJ1	183.1858	Before	Interior Girder 2	183.1858	0.95	1	1	1.99757
EV3-Neg_str	BOBJ1	183.1858	Before	Right Exterior Girder	183.1858	0.95	1	1	2.085417
EV3-Neg_str	BOBJ1	183.1858	After	Left Exterior Girder	183.1858	0.95	1	1	4.666983
EV3-Neg_str	BOBJ1	183.1858	After	Interior Girder 1	183.1858	0.95	1	1	4.45806
EV3-Neg_str	BOBJ1	183.1858	After	Interior Girder 2	183.1858	0.95	1	1	4.45806
EV3-Neg_str	BOBJ1	183.1858	After	Right Exterior Girder	183.1858	0.95	1	1	4.666983
EV3-Neg_str	BOBJ1	191.25	Before	Left Exterior Girder	191.25	0.95	1	1	3.695317
EV3-Neg_str	BOBJ1	191.25	Before	Interior Girder 1	191.25	0.95	1	1	3.477084
EV3-Neg_str	BOBJ1	191.25	Before	Interior Girder 2	191.25	0.95	1	1	3.477084
EV3-Neg_str	BOBJ1	191.25	Before	Right Exterior Girder	191.25	0.95	1	1	3.695317
EV3-Neg_str	BOBJ1	191.25	After	Left Exterior Girder	191.25	0.95	1	1	3.707955
EV3-Neg_str	BOBJ1	191.25	After	Interior Girder 1	191.25	0.95	1	1	3.470443
EV3-Neg_str	BOBJ1	191.25	After	Interior Girder 2	191.25	0.95	1	1	3.470444
EV3-Neg_str	BOBJ1	191.25	After	Right Exterior Girder	191.25	0.95	1	1	3.707955
EV3-Neg_str	BOBJ1	199.9414	Before	Left Exterior Girder	199.9414	0.95	1	1	2.698855
EV3-Neg_str	BOBJ1	199.9414	Before	Interior Girder 1	199.9414	0.95	1	1	2.474616
EV3-Neg_str	BOBJ1	199.9414	Before	Interior Girder 2	199.9414	0.95	1	1	2.474616
EV3-Neg_str	BOBJ1	199.9414	Before	Right Exterior Girder	199.9414	0.95	1	1	2.698855
EV3-Neg_str	BOBJ1	199.9414	After	Left Exterior Girder	199.9414	0.95	1	1	4.643849
EV3-Neg_str	BOBJ1	199.9414	After	Interior Girder 1	199.9414	0.95	1	1	4.270469
EV3-Neg_str	BOBJ1	199.9414	After	Interior Girder 2	199.9414	0.95	1	1	4.270469
EV3-Neg_str	BOBJ1	199.9414	After	Right Exterior Girder	199.9414	0.95	1	1	4.643849
EV3-Neg_str	BOBJ1	202.5	Before	Left Exterior Girder	202.5	0.95	1	1	4.242198
EV3-Neg_str	BOBJ1	202.5	Before	Interior Girder 1	202.5	0.95	1	1	3.945333
EV3-Neg_str	BOBJ1	202.5	Before	Interior Girder 2	202.5	0.95	1	1	3.945333
EV3-Neg_str	BOBJ1	202.5	Before	Right Exterior Girder	202.5	0.95	1	1	4.242198
EV3-Neg_str	BOBJ1	202.5	After	Left Exterior Girder	202.5	0.95	1	1	4.360828
EV3-Neg_str	BOBJ1	202.5	After	Interior Girder 1	202.5	0.95	1	1	3.991167
EV3-Neg_str	BOBJ1	202.5	After	Interior Girder 2	202.5	0.95	1	1	3.991167
EV3-Neg_str	BOBJ1	202.5	After	Right Exterior Girder	202.5	0.95	1	1	4.360828
EV3-Neg_str	BOBJ1	210.5642	Before	Left Exterior Girder	210.5642	0.95	1	1	3.126854
EV3-Neg_str	BOBJ1	210.5642	Before	Interior Girder 1	210.5642	0.95	1	1	2.971207
EV3-Neg_str	BOBJ1	210.5642	Before	Interior Girder 2	210.5642	0.95	1	1	2.971207
EV3-Neg_str	BOBJ1	210.5642	Before	Right Exterior Girder	210.5642	0.95	1	1	3.126854
EV3-Neg_str	BOBJ1	210.5642	After	Left Exterior Girder	210.5642	0.95	1	1	4.804062
EV3-Neg_str	BOBJ1	210.5642	After	Interior Girder 1	210.5642	0.95	1	1	4.582996
EV3-Neg_str	BOBJ1	210.5642	After	Interior Girder 2	210.5642	0.95	1	1	4.582996
EV3-Neg_str	BOBJ1	210.5642	After	Right Exterior Girder	210.5642	0.95	1	1	4.804062
EV3-Neg_str	BOBJ1	213.75	Before	Left Exterior Girder	213.75	0.95	1	1	4.269793
EV3-Neg_str	BOBJ1	213.75	Before	Interior Girder 1	213.75	0.95	1	1	4.081949
EV3-Neg_str	BOBJ1	213.75	Before	Interior Girder 2	213.75	0.95	1	1	4.081949
EV3-Neg_str	BOBJ1	213.75	Before	Right Exterior Girder	213.75	0.95	1	1	4.269793
EV3-Neg_str	BOBJ1	213.75	After	Left Exterior Girder	213.75	0.95	1	1	4.267692
EV3-Neg_str	BOBJ1	213.75	After	Interior Girder 1	213.75	0.95	1	1	4.078205
EV3-Neg_str	BOBJ1	213.75	After	Interior Girder 2	213.75	0.95	1	1	4.078205
EV3-Neg_str	BOBJ1	213.75	After	Right Exterior Girder	213.75	0.95	1	1	4.267692

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelINonCompStrgth-Flx - Main Span Girders									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
EV3-Neg_str	BOBJ1	225	Before	Left Exterior Girder	225	0.95	1	1	2.607023
EV3-Neg_str	BOBJ1	225	Before	Interior Girder 1	225	0.95	1	1	2.379986
EV3-Neg_str	BOBJ1	225	Before	Interior Girder 2	225	0.95	1	1	2.379986
EV3-Neg_str	BOBJ1	225	Before	Right Exterior Girder	225	0.95	1	1	2.607023
EV3-Neg_str	BOBJ1	225	After	Left Exterior Girder	0	0.95	1	1	2.400315
EV3-Neg_str	BOBJ1	225	After	Interior Girder 1	0	0.95	1	1	2.308874
EV3-Neg_str	BOBJ1	225	After	Interior Girder 2	0	0.95	1	1	2.308874
EV3-Neg_str	BOBJ1	225	After	Right Exterior Girder	0	0.95	1	1	2.400315
EV3-Neg_str	BOBJ1	236.45	Before	Left Exterior Girder	11.45	0.95	1	1	4.231224
EV3-Neg_str	BOBJ1	236.45	Before	Interior Girder 1	11.45	0.95	1	1	4.291124
EV3-Neg_str	BOBJ1	236.45	Before	Interior Girder 2	11.45	0.95	1	1	4.291124
EV3-Neg_str	BOBJ1	236.45	Before	Right Exterior Girder	11.45	0.95	1	1	4.231224
EV3-Neg_str	BOBJ1	236.45	After	Left Exterior Girder	11.45	0.95	1	1	4.239781
EV3-Neg_str	BOBJ1	236.45	After	Interior Girder 1	11.45	0.95	1	1	4.291689
EV3-Neg_str	BOBJ1	236.45	After	Interior Girder 2	11.45	0.95	1	1	4.291689
EV3-Neg_str	BOBJ1	236.45	After	Right Exterior Girder	11.45	0.95	1	1	4.239781
EV3-Neg_str	BOBJ1	239.5082	Before	Left Exterior Girder	14.5082	0.95	1	1	4.861962
EV3-Neg_str	BOBJ1	239.5082	Before	Interior Girder 1	14.5082	0.95	1	1	4.943209
EV3-Neg_str	BOBJ1	239.5082	Before	Interior Girder 2	14.5082	0.95	1	1	4.94321
EV3-Neg_str	BOBJ1	239.5082	Before	Right Exterior Girder	14.5082	0.95	1	1	4.861962
EV3-Neg_str	BOBJ1	239.5082	After	Left Exterior Girder	14.5082	0.95	1	1	3.200589
EV3-Neg_str	BOBJ1	239.5082	After	Interior Girder 1	14.5082	0.95	1	1	3.255372
EV3-Neg_str	BOBJ1	239.5082	After	Interior Girder 2	14.5082	0.95	1	1	3.255372
EV3-Neg_str	BOBJ1	239.5082	After	Right Exterior Girder	14.5082	0.95	1	1	3.200589
EV3-Neg_str	BOBJ1	247.9	Before	Left Exterior Girder	22.9	0.95	1	1	4.900221
EV3-Neg_str	BOBJ1	247.9	Before	Interior Girder 1	22.9	0.95	1	1	4.954318
EV3-Neg_str	BOBJ1	247.9	Before	Interior Girder 2	22.9	0.95	1	1	4.954318
EV3-Neg_str	BOBJ1	247.9	Before	Right Exterior Girder	22.9	0.95	1	1	4.900221
EV3-Neg_str	BOBJ1	247.9	After	Left Exterior Girder	22.9	0.95	1	1	4.769676
EV3-Neg_str	BOBJ1	247.9	After	Interior Girder 1	22.9	0.95	1	1	4.954568
EV3-Neg_str	BOBJ1	247.9	After	Interior Girder 2	22.9	0.95	1	1	4.954568
EV3-Neg_str	BOBJ1	247.9	After	Right Exterior Girder	22.9	0.95	1	1	4.769676
EV3-Neg_str	BOBJ1	258.5189	Before	Left Exterior Girder	33.5189	0.95	1	1	7.109056
EV3-Neg_str	BOBJ1	258.5189	Before	Interior Girder 1	33.5189	0.95	1	1	6.876005
EV3-Neg_str	BOBJ1	258.5189	Before	Interior Girder 2	33.5189	0.95	1	1	6.876005
EV3-Neg_str	BOBJ1	258.5189	Before	Right Exterior Girder	33.5189	0.95	1	1	7.109056
EV3-Neg_str	BOBJ1	258.5189	After	Left Exterior Girder	33.5189	0.95	1	1	4.829072
EV3-Neg_str	BOBJ1	258.5189	After	Interior Girder 1	33.5189	0.95	1	1	4.625003
EV3-Neg_str	BOBJ1	258.5189	After	Interior Girder 2	33.5189	0.95	1	1	4.625003
EV3-Neg_str	BOBJ1	258.5189	After	Right Exterior Girder	33.5189	0.95	1	1	4.829072
EV3-Neg_str	BOBJ1	259.3	Before	Left Exterior Girder	34.3	0.95	1	1	4.975358
EV3-Neg_str	BOBJ1	259.3	Before	Interior Girder 1	34.3	0.95	1	1	4.755341
EV3-Neg_str	BOBJ1	259.3	Before	Interior Girder 2	34.3	0.95	1	1	4.755341
EV3-Neg_str	BOBJ1	259.3	Before	Right Exterior Girder	34.3	0.95	1	1	4.975358
EV3-Neg_str	BOBJ1	259.3	After	Left Exterior Girder	34.3	0.95	1	1	4.972984
EV3-Neg_str	BOBJ1	259.3	After	Interior Girder 1	34.3	0.95	1	1	4.758121
EV3-Neg_str	BOBJ1	259.3	After	Interior Girder 2	34.3	0.95	1	1	4.758121
EV3-Neg_str	BOBJ1	259.3	After	Right Exterior Girder	34.3	0.95	1	1	4.972984
EV3-Neg_str	BOBJ1	266.1031	Before	Left Exterior Girder	41.1031	0.95	1	1	6.190767
EV3-Neg_str	BOBJ1	266.1031	Before	Interior Girder 1	41.1031	0.95	1	1	5.943631
EV3-Neg_str	BOBJ1	266.1031	Before	Interior Girder 2	41.1031	0.95	1	1	5.943631
EV3-Neg_str	BOBJ1	266.1031	Before	Right Exterior Girder	41.1031	0.95	1	1	6.190767
EV3-Neg_str	BOBJ1	266.1031	After	Left Exterior Girder	41.1031	0.95	1	1	3.217194
EV3-Neg_str	BOBJ1	266.1031	After	Interior Girder 1	41.1031	0.95	1	1	3.078878
EV3-Neg_str	BOBJ1	266.1031	After	Interior Girder 2	41.1031	0.95	1	1	3.078878
EV3-Neg_str	BOBJ1	266.1031	After	Right Exterior Girder	41.1031	0.95	1	1	3.217194
EV3-Neg_str	BOBJ1	270.7	Before	Left Exterior Girder	45.7	0.95	1	1	3.927855
EV3-Neg_str	BOBJ1	270.7	Before	Interior Girder 1	45.7	0.95	1	1	3.788908
EV3-Neg_str	BOBJ1	270.7	Before	Interior Girder 2	45.7	0.95	1	1	3.788908
EV3-Neg_str	BOBJ1	270.7	Before	Right Exterior Girder	45.7	0.95	1	1	3.927855
EV3-Neg_str	BOBJ1	270.7	After	Left Exterior Girder	45.7	0.95	1	1	4.57377
EV3-Neg_str	BOBJ1	270.7	After	Interior Girder 1	45.7	0.95	1	1	4.442124
EV3-Neg_str	BOBJ1	270.7	After	Interior Girder 2	45.7	0.95	1	1	4.442124
EV3-Neg_str	BOBJ1	270.7	After	Right Exterior Girder	45.7	0.95	1	1	4.57377
EV3-Neg_str	BOBJ1	273.6874	Before	Left Exterior Girder	48.6874	0.95	1	1	5.067079
EV3-Neg_str	BOBJ1	273.6874	Before	Interior Girder 1	48.6874	0.95	1	1	4.933069
EV3-Neg_str	BOBJ1	273.6874	Before	Interior Girder 2	48.6874	0.95	1	1	4.933069
EV3-Neg_str	BOBJ1	273.6874	Before	Right Exterior Girder	48.6874	0.95	1	1	5.067079

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelINonCompStrgth-Flx - Main Span Girders									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
EV3-Neg_str	BOBJ1	273.6874	After	Left Exterior Girder	48.6874	0.95	1	1	2.174768
EV3-Neg_str	BOBJ1	273.6874	After	Interior Girder 1	48.6874	0.95	1	1	2.138292
EV3-Neg_str	BOBJ1	273.6874	After	Interior Girder 2	48.6874	0.95	1	1	2.138292
EV3-Neg_str	BOBJ1	273.6874	After	Right Exterior Girder	48.6874	0.95	1	1	2.174768
EV3-Neg_str	BOBJ1	282.15	Before	Left Exterior Girder	57.15	0.95	1	1	3.416409
EV3-Neg_str	BOBJ1	282.15	Before	Interior Girder 1	57.15	0.95	1	1	3.373996
EV3-Neg_str	BOBJ1	282.15	Before	Interior Girder 2	57.15	0.95	1	1	3.373996
EV3-Neg_str	BOBJ1	282.15	Before	Right Exterior Girder	57.15	0.95	1	1	3.416409
EV3-Neg_str	BOBJ1	282.15	After	Left Exterior Girder	57.15	0.95	1	1	3.411058
EV3-Neg_str	BOBJ1	282.15	After	Interior Girder 1	57.15	0.95	1	1	3.379687
EV3-Neg_str	BOBJ1	282.15	After	Interior Girder 2	57.15	0.95	1	1	3.379687
EV3-Neg_str	BOBJ1	282.15	After	Right Exterior Girder	57.15	0.95	1	1	3.411058
EV3-Neg_str	BOBJ1	293.6	Before	Left Exterior Girder	68.6	0.95	1	1	5.148657
EV3-Neg_str	BOBJ1	293.6	Before	Interior Girder 1	68.6	0.95	1	1	5.1572
EV3-Neg_str	BOBJ1	293.6	Before	Interior Girder 2	68.6	0.95	1	1	5.1572
EV3-Neg_str	BOBJ1	293.6	Before	Right Exterior Girder	68.6	0.95	1	1	5.148657
EV3-Neg_str	BOBJ1	293.6	After	Left Exterior Girder	68.6	0.95	1	1	4.075627
EV3-Neg_str	BOBJ1	293.6	After	Interior Girder 1	68.6	0.95	1	1	4.109483
EV3-Neg_str	BOBJ1	293.6	After	Interior Girder 2	68.6	0.95	1	1	4.109483
EV3-Neg_str	BOBJ1	293.6	After	Right Exterior Girder	68.6	0.95	1	1	4.075626
EV3-Neg_str	BOBJ1	305	Before	Left Exterior Girder	80	0.95	1	1	5.765162
EV3-Neg_str	BOBJ1	305	Before	Interior Girder 1	80	0.95	1	1	5.826771
EV3-Neg_str	BOBJ1	305	Before	Interior Girder 2	80	0.95	1	1	5.826771
EV3-Neg_str	BOBJ1	305	Before	Right Exterior Girder	80	0.95	1	1	5.765162
EV3-Neg_str	BOBJ1	305	After	Left Exterior Girder	80	0.95	1	1	5.764691
EV3-Neg_str	BOBJ1	305	After	Interior Girder 1	80	0.95	1	1	5.82867
EV3-Neg_str	BOBJ1	305	After	Interior Girder 2	80	0.95	1	1	5.82867
EV3-Neg_str	BOBJ1	305	After	Right Exterior Girder	80	0.95	1	1	5.764691
EV3-Neg_str	BOBJ1	306.9561	Before	Left Exterior Girder	81.9561	0.95	1	1	6.066208
EV3-Neg_str	BOBJ1	306.9561	Before	Interior Girder 1	81.9561	0.95	1	1	6.118876
EV3-Neg_str	BOBJ1	306.9561	Before	Interior Girder 2	81.9561	0.95	1	1	6.118876
EV3-Neg_str	BOBJ1	306.9561	Before	Right Exterior Girder	81.9561	0.95	1	1	6.066208
EV3-Neg_str	BOBJ1	306.9561	After	Left Exterior Girder	81.9561	0.95	1	1	9.288455
EV3-Neg_str	BOBJ1	306.9561	After	Interior Girder 1	81.9561	0.95	1	1	9.369187
EV3-Neg_str	BOBJ1	306.9561	After	Interior Girder 2	81.9561	0.95	1	1	9.369187
EV3-Neg_str	BOBJ1	306.9561	After	Right Exterior Girder	81.9561	0.95	1	1	9.288455
EV3-Neg_str	BOBJ1	316.4	Before	Left Exterior Girder	91.4	0.95	1	1	10.855541
EV3-Neg_str	BOBJ1	316.4	Before	Interior Girder 1	91.4	0.95	1	1	10.989937
EV3-Neg_str	BOBJ1	316.4	Before	Interior Girder 2	91.4	0.95	1	1	10.989937
EV3-Neg_str	BOBJ1	316.4	Before	Right Exterior Girder	91.4	0.95	1	1	10.855541
EV3-Neg_str	BOBJ1	316.4	After	Left Exterior Girder	91.4	0.95	1	1	11.932022
EV3-Neg_str	BOBJ1	316.4	After	Interior Girder 1	91.4	0.95	1	1	12.103149
EV3-Neg_str	BOBJ1	316.4	After	Interior Girder 2	91.4	0.95	1	1	12.10315
EV3-Neg_str	BOBJ1	316.4	After	Right Exterior Girder	91.4	0.95	1	1	11.932021
EV3-Neg_str	BOBJ1	327.85	Before	Left Exterior Girder	102.9679	0.95	1	1	13.930145
EV3-Neg_str	BOBJ1	327.85	Before	Interior Girder 1	102.9679	0.95	1	1	14.192554
EV3-Neg_str	BOBJ1	327.85	Before	Interior Girder 2	102.9679	0.95	1	1	14.192554
EV3-Neg_str	BOBJ1	327.85	Before	Right Exterior Girder	102.9679	0.95	1	1	13.930145
EV3-Neg_str	BOBJ1	327.85	After	Left Exterior Girder	102.9679	0.95	1	1	18.270327
EV3-Neg_str	BOBJ1	327.85	After	Interior Girder 1	102.9679	0.95	1	1	18.540412
EV3-Neg_str	BOBJ1	327.85	After	Interior Girder 2	102.9679	0.95	1	1	18.540412
EV3-Neg_str	BOBJ1	327.85	After	Right Exterior Girder	102.9679	0.95	1	1	18.270327
EV3-Neg_str	BOBJ1	339.3	Before	Left Exterior Girder	114.3	0.95	1	1	20.575601
EV3-Neg_str	BOBJ1	339.3	Before	Interior Girder 1	114.3	0.95	1	1	21.013632
EV3-Neg_str	BOBJ1	339.3	Before	Interior Girder 2	114.3	0.95	1	1	21.013632
EV3-Neg_str	BOBJ1	339.3	Before	Right Exterior Girder	114.3	0.95	1	1	20.575601
EV3-Neg_str	BOBJ1	339.3	After	Left Exterior Girder	114.3	0.95	1	1	20.527568
EV3-Neg_str	BOBJ1	339.3	After	Interior Girder 1	114.3	0.95	1	1	20.939867
EV3-Neg_str	BOBJ1	339.3	After	Interior Girder 2	114.3	0.95	1	1	20.939867
EV3-Neg_str	BOBJ1	339.3	After	Right Exterior Girder	114.3	0.95	1	1	20.527568
EV3-Neg_str	BOBJ1	350.7	Before	Left Exterior Girder	125.7	0.95	1	1	22.917569
EV3-Neg_str	BOBJ1	350.7	Before	Interior Girder 1	125.7	0.95	1	1	23.466692
EV3-Neg_str	BOBJ1	350.7	Before	Interior Girder 2	125.7	0.95	1	1	23.466692
EV3-Neg_str	BOBJ1	350.7	Before	Right Exterior Girder	125.7	0.95	1	1	22.91757
EV3-Neg_str	BOBJ1	350.7	After	Left Exterior Girder	125.7	0.95	1	1	22.933375
EV3-Neg_str	BOBJ1	350.7	After	Interior Girder 1	125.7	0.95	1	1	23.463321
EV3-Neg_str	BOBJ1	350.7	After	Interior Girder 2	125.7	0.95	1	1	23.463321
EV3-Neg_str	BOBJ1	350.7	After	Right Exterior Girder	125.7	0.95	1	1	22.933376

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelINonCompStrgth-Flx - Main Span Girders									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
EV3-Neg_str	BOBJ1	362.1	Before	Left Exterior Girder	137.1	0.95	1	1	25.442642
EV3-Neg_str	BOBJ1	362.1	Before	Interior Girder 1	137.1	0.95	1	1	26.121451
EV3-Neg_str	BOBJ1	362.1	Before	Interior Girder 2	137.1	0.95	1	1	26.121451
EV3-Neg_str	BOBJ1	362.1	Before	Right Exterior Girder	137.1	0.95	1	1	25.442642
EV3-Neg_str	BOBJ1	362.1	After	Left Exterior Girder	137.1	0.95	1	1	25.404745
EV3-Neg_str	BOBJ1	362.1	After	Interior Girder 1	137.1	0.95	1	1	26.086551
EV3-Neg_str	BOBJ1	362.1	After	Interior Girder 2	137.1	0.95	1	1	26.086551
EV3-Neg_str	BOBJ1	362.1	After	Right Exterior Girder	137.1	0.95	1	1	25.404746
EV3-Neg_str	BOBJ1	373.55	Before	Left Exterior Girder	148.55	0.95	1	1	28.074422
EV3-Neg_str	BOBJ1	373.55	Before	Interior Girder 1	148.55	0.95	1	1	28.852167
EV3-Neg_str	BOBJ1	373.55	Before	Interior Girder 2	148.55	0.95	1	1	28.852167
EV3-Neg_str	BOBJ1	373.55	Before	Right Exterior Girder	148.55	0.95	1	1	28.074423
EV3-Neg_str	BOBJ1	373.55	After	Left Exterior Girder	148.55	0.95	1	1	28.090415
EV3-Neg_str	BOBJ1	373.55	After	Interior Girder 1	148.55	0.95	1	1	28.853885
EV3-Neg_str	BOBJ1	373.55	After	Interior Girder 2	148.55	0.95	1	1	28.853885
EV3-Neg_str	BOBJ1	373.55	After	Right Exterior Girder	148.55	0.95	1	1	28.090415
EV3-Neg_str	BOBJ1	385	Before	Left Exterior Girder	160	0.95	1	1	30.753644
EV3-Neg_str	BOBJ1	385	Before	Interior Girder 1	160	0.95	1	1	31.576184
EV3-Neg_str	BOBJ1	385	Before	Interior Girder 2	160	0.95	1	1	31.576183
EV3-Neg_str	BOBJ1	385	Before	Right Exterior Girder	160	0.95	1	1	30.753645
EV3-Neg_str	BOBJ1	385	After	Left Exterior Girder	160	0.95	1	1	30.753613
EV3-Neg_str	BOBJ1	385	After	Interior Girder 1	160	0.95	1	1	31.576183
EV3-Neg_str	BOBJ1	385	After	Interior Girder 2	160	0.95	1	1	31.576183
EV3-Neg_str	BOBJ1	385	After	Right Exterior Girder	160	0.95	1	1	30.753614
EV3-Neg_str	BOBJ1	396.45	Before	Left Exterior Girder	171.45	0.95	1	1	28.090449
EV3-Neg_str	BOBJ1	396.45	Before	Interior Girder 1	171.45	0.95	1	1	28.853889
EV3-Neg_str	BOBJ1	396.45	Before	Interior Girder 2	171.45	0.95	1	1	28.853888
EV3-Neg_str	BOBJ1	396.45	Before	Right Exterior Girder	171.45	0.95	1	1	28.090449
EV3-Neg_str	BOBJ1	396.45	After	Left Exterior Girder	171.45	0.95	1	1	28.074457
EV3-Neg_str	BOBJ1	396.45	After	Interior Girder 1	171.45	0.95	1	1	28.852171
EV3-Neg_str	BOBJ1	396.45	After	Interior Girder 2	171.45	0.95	1	1	28.85217
EV3-Neg_str	BOBJ1	396.45	After	Right Exterior Girder	171.45	0.95	1	1	28.074457
EV3-Neg_str	BOBJ1	407.9	Before	Left Exterior Girder	182.9	0.95	1	1	25.404768
EV3-Neg_str	BOBJ1	407.9	Before	Interior Girder 1	182.9	0.95	1	1	26.086558
EV3-Neg_str	BOBJ1	407.9	Before	Interior Girder 2	182.9	0.95	1	1	26.086557
EV3-Neg_str	BOBJ1	407.9	Before	Right Exterior Girder	182.9	0.95	1	1	25.404769
EV3-Neg_str	BOBJ1	407.9	After	Left Exterior Girder	182.9	0.95	1	1	25.442677
EV3-Neg_str	BOBJ1	407.9	After	Interior Girder 1	182.9	0.95	1	1	26.121456
EV3-Neg_str	BOBJ1	407.9	After	Interior Girder 2	182.9	0.95	1	1	26.121456
EV3-Neg_str	BOBJ1	407.9	After	Right Exterior Girder	182.9	0.95	1	1	25.442677
EV3-Neg_str	BOBJ1	419.3	Before	Left Exterior Girder	194.3	0.95	1	1	22.933398
EV3-Neg_str	BOBJ1	419.3	Before	Interior Girder 1	194.3	0.95	1	1	23.463331
EV3-Neg_str	BOBJ1	419.3	Before	Interior Girder 2	194.3	0.95	1	1	23.46333
EV3-Neg_str	BOBJ1	419.3	Before	Right Exterior Girder	194.3	0.95	1	1	22.933398
EV3-Neg_str	BOBJ1	419.3	After	Left Exterior Girder	194.3	0.95	1	1	22.917593
EV3-Neg_str	BOBJ1	419.3	After	Interior Girder 1	194.3	0.95	1	1	23.466702
EV3-Neg_str	BOBJ1	419.3	After	Interior Girder 2	194.3	0.95	1	1	23.466701
EV3-Neg_str	BOBJ1	419.3	After	Right Exterior Girder	194.3	0.95	1	1	22.917593
EV3-Neg_str	BOBJ1	430.7	Before	Left Exterior Girder	205.7	0.95	1	1	20.527597
EV3-Neg_str	BOBJ1	430.7	Before	Interior Girder 1	205.7	0.95	1	1	20.939873
EV3-Neg_str	BOBJ1	430.7	Before	Interior Girder 2	205.7	0.95	1	1	20.939872
EV3-Neg_str	BOBJ1	430.7	Before	Right Exterior Girder	205.7	0.95	1	1	20.527597
EV3-Neg_str	BOBJ1	430.7	After	Left Exterior Girder	205.7	0.95	1	1	20.575634
EV3-Neg_str	BOBJ1	430.7	After	Interior Girder 1	205.7	0.95	1	1	21.013643
EV3-Neg_str	BOBJ1	430.7	After	Interior Girder 2	205.7	0.95	1	1	21.013642
EV3-Neg_str	BOBJ1	430.7	After	Right Exterior Girder	205.7	0.95	1	1	20.575634
EV3-Neg_str	BOBJ1	442.15	Before	Left Exterior Girder	217.0321	0.95	1	1	18.261158
EV3-Neg_str	BOBJ1	442.15	Before	Interior Girder 1	217.0321	0.95	1	1	18.525537
EV3-Neg_str	BOBJ1	442.15	Before	Interior Girder 2	217.0321	0.95	1	1	18.525537
EV3-Neg_str	BOBJ1	442.15	Before	Right Exterior Girder	217.0321	0.95	1	1	18.261157
EV3-Neg_str	BOBJ1	442.15	After	Left Exterior Girder	217.0321	0.95	1	1	13.92258
EV3-Neg_str	BOBJ1	442.15	After	Interior Girder 1	217.0321	0.95	1	1	14.182532
EV3-Neg_str	BOBJ1	442.15	After	Interior Girder 2	217.0321	0.95	1	1	14.182532
EV3-Neg_str	BOBJ1	442.15	After	Right Exterior Girder	217.0321	0.95	1	1	13.92258
EV3-Neg_str	BOBJ1	453.6	Before	Left Exterior Girder	228.6	0.95	1	1	11.932015
EV3-Neg_str	BOBJ1	453.6	Before	Interior Girder 1	228.6	0.95	1	1	12.103156
EV3-Neg_str	BOBJ1	453.6	Before	Interior Girder 2	228.6	0.95	1	1	12.103156
EV3-Neg_str	BOBJ1	453.6	Before	Right Exterior Girder	228.6	0.95	1	1	11.932015

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelINonCompStrgth-Flx - Main Span Girders									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
EV3-Neg_str	BOBJ1	453.6	After	Left Exterior Girder	228.6	0.95	1	1	10.855538
EV3-Neg_str	BOBJ1	453.6	After	Interior Girder 1	228.6	0.95	1	1	10.989942
EV3-Neg_str	BOBJ1	453.6	After	Interior Girder 2	228.6	0.95	1	1	10.989942
EV3-Neg_str	BOBJ1	453.6	After	Right Exterior Girder	228.6	0.95	1	1	10.855537
EV3-Neg_str	BOBJ1	463.0439	Before	Left Exterior Girder	238.0439	0.95	1	1	9.28412
EV3-Neg_str	BOBJ1	463.0439	Before	Interior Girder 1	238.0439	0.95	1	1	9.360994
EV3-Neg_str	BOBJ1	463.0439	Before	Interior Girder 2	238.0439	0.95	1	1	9.360995
EV3-Neg_str	BOBJ1	463.0439	Before	Right Exterior Girder	238.0439	0.95	1	1	9.28412
EV3-Neg_str	BOBJ1	463.0439	After	Left Exterior Girder	238.0439	0.95	1	1	6.063244
EV3-Neg_str	BOBJ1	463.0439	After	Interior Girder 1	238.0439	0.95	1	1	6.113729
EV3-Neg_str	BOBJ1	463.0439	After	Interior Girder 2	238.0439	0.95	1	1	6.113729
EV3-Neg_str	BOBJ1	463.0439	After	Right Exterior Girder	238.0439	0.95	1	1	6.063244
EV3-Neg_str	BOBJ1	465	Before	Left Exterior Girder	240	0.95	1	1	5.764687
EV3-Neg_str	BOBJ1	465	Before	Interior Girder 1	240	0.95	1	1	5.828665
EV3-Neg_str	BOBJ1	465	Before	Interior Girder 2	240	0.95	1	1	5.828665
EV3-Neg_str	BOBJ1	465	Before	Right Exterior Girder	240	0.95	1	1	5.764687
EV3-Neg_str	BOBJ1	465	After	Left Exterior Girder	240	0.95	1	1	5.765159
EV3-Neg_str	BOBJ1	465	After	Interior Girder 1	240	0.95	1	1	5.826768
EV3-Neg_str	BOBJ1	465	After	Interior Girder 2	240	0.95	1	1	5.826769
EV3-Neg_str	BOBJ1	465	After	Right Exterior Girder	240	0.95	1	1	5.765158
EV3-Neg_str	BOBJ1	476.4	Before	Left Exterior Girder	251.4	0.95	1	1	4.07563
EV3-Neg_str	BOBJ1	476.4	Before	Interior Girder 1	251.4	0.95	1	1	4.109491
EV3-Neg_str	BOBJ1	476.4	Before	Interior Girder 2	251.4	0.95	1	1	4.109491
EV3-Neg_str	BOBJ1	476.4	Before	Right Exterior Girder	251.4	0.95	1	1	4.07563
EV3-Neg_str	BOBJ1	476.4	After	Left Exterior Girder	251.4	0.95	1	1	4.414718
EV3-Neg_str	BOBJ1	476.4	After	Interior Girder 1	251.4	0.95	1	1	4.462238
EV3-Neg_str	BOBJ1	476.4	After	Interior Girder 2	251.4	0.95	1	1	4.462238
EV3-Neg_str	BOBJ1	476.4	After	Right Exterior Girder	251.4	0.95	1	1	4.414718
EV3-Neg_str	BOBJ1	487.85	Before	Left Exterior Girder	262.85	0.95	1	1	2.728912
EV3-Neg_str	BOBJ1	487.85	Before	Interior Girder 1	262.85	0.95	1	1	2.742235
EV3-Neg_str	BOBJ1	487.85	Before	Interior Girder 2	262.85	0.95	1	1	2.742235
EV3-Neg_str	BOBJ1	487.85	Before	Right Exterior Girder	262.85	0.95	1	1	2.728912
EV3-Neg_str	BOBJ1	487.85	After	Left Exterior Girder	262.85	0.95	1	1	2.734652
EV3-Neg_str	BOBJ1	487.85	After	Interior Girder 1	262.85	0.95	1	1	2.736257
EV3-Neg_str	BOBJ1	487.85	After	Interior Girder 2	262.85	0.95	1	1	2.736257
EV3-Neg_str	BOBJ1	487.85	After	Right Exterior Girder	262.85	0.95	1	1	2.734652
EV3-Neg_str	BOBJ1	496.3126	Before	Left Exterior Girder	271.3126	0.95	1	1	1.534308
EV3-Neg_str	BOBJ1	496.3126	Before	Interior Girder 1	271.3126	0.95	1	1	1.547636
EV3-Neg_str	BOBJ1	496.3126	Before	Interior Girder 2	271.3126	0.95	1	1	1.547636
EV3-Neg_str	BOBJ1	496.3126	Before	Right Exterior Girder	271.3126	0.95	1	1	1.534308
EV3-Neg_str	BOBJ1	496.3126	After	Left Exterior Girder	271.3126	0.95	1	1	4.879989
EV3-Neg_str	BOBJ1	496.3126	After	Interior Girder 1	271.3126	0.95	1	1	4.823323
EV3-Neg_str	BOBJ1	496.3126	After	Interior Girder 2	271.3126	0.95	1	1	4.823323
EV3-Neg_str	BOBJ1	496.3126	After	Right Exterior Girder	271.3126	0.95	1	1	4.879989
EV3-Neg_str	BOBJ1	499.3	Before	Left Exterior Girder	274.3	0.95	1	1	4.392687
EV3-Neg_str	BOBJ1	499.3	Before	Interior Girder 1	274.3	0.95	1	1	4.332099
EV3-Neg_str	BOBJ1	499.3	Before	Interior Girder 2	274.3	0.95	1	1	4.332099
EV3-Neg_str	BOBJ1	499.3	Before	Right Exterior Girder	274.3	0.95	1	1	4.392687
EV3-Neg_str	BOBJ1	499.3	After	Left Exterior Girder	274.3	0.95	1	1	3.927854
EV3-Neg_str	BOBJ1	499.3	After	Interior Girder 1	274.3	0.95	1	1	3.788915
EV3-Neg_str	BOBJ1	499.3	After	Interior Girder 2	274.3	0.95	1	1	3.788915
EV3-Neg_str	BOBJ1	499.3	After	Right Exterior Girder	274.3	0.95	1	1	3.927854
EV3-Neg_str	BOBJ1	503.8969	Before	Left Exterior Girder	278.8969	0.95	1	1	3.217195
EV3-Neg_str	BOBJ1	503.8969	Before	Interior Girder 1	278.8969	0.95	1	1	3.078888
EV3-Neg_str	BOBJ1	503.8969	Before	Interior Girder 2	278.8969	0.95	1	1	3.078888
EV3-Neg_str	BOBJ1	503.8969	Before	Right Exterior Girder	278.8969	0.95	1	1	3.217195
EV3-Neg_str	BOBJ1	503.8969	After	Left Exterior Girder	278.8969	0.95	1	1	6.190768
EV3-Neg_str	BOBJ1	503.8969	After	Interior Girder 1	278.8969	0.95	1	1	5.943646
EV3-Neg_str	BOBJ1	503.8969	After	Interior Girder 2	278.8969	0.95	1	1	5.943646
EV3-Neg_str	BOBJ1	503.8969	After	Right Exterior Girder	278.8969	0.95	1	1	6.190768
EV3-Neg_str	BOBJ1	510.7	Before	Left Exterior Girder	285.7	0.95	1	1	4.972984
EV3-Neg_str	BOBJ1	510.7	Before	Interior Girder 1	285.7	0.95	1	1	4.758138
EV3-Neg_str	BOBJ1	510.7	Before	Interior Girder 2	285.7	0.95	1	1	4.758138
EV3-Neg_str	BOBJ1	510.7	Before	Right Exterior Girder	285.7	0.95	1	1	4.972984
EV3-Neg_str	BOBJ1	510.7	After	Left Exterior Girder	285.7	0.95	1	1	4.975358
EV3-Neg_str	BOBJ1	510.7	After	Interior Girder 1	285.7	0.95	1	1	4.755358
EV3-Neg_str	BOBJ1	510.7	After	Interior Girder 2	285.7	0.95	1	1	4.755358
EV3-Neg_str	BOBJ1	510.7	After	Right Exterior Girder	285.7	0.95	1	1	4.975358

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelINonCompStrgth-Flx - Main Span Girders									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
EV3-Neg_str	BOBJ1	511.4811	Before	Left Exterior Girder	286.4811	0.95	1	1	4.83691
EV3-Neg_str	BOBJ1	511.4811	Before	Interior Girder 1	286.4811	0.95	1	1	4.626978
EV3-Neg_str	BOBJ1	511.4811	Before	Interior Girder 2	286.4811	0.95	1	1	4.626978
EV3-Neg_str	BOBJ1	511.4811	Before	Right Exterior Girder	286.4811	0.95	1	1	4.83691
EV3-Neg_str	BOBJ1	511.4811	After	Left Exterior Girder	286.4811	0.95	1	1	7.121206
EV3-Neg_str	BOBJ1	511.4811	After	Interior Girder 1	286.4811	0.95	1	1	6.878408
EV3-Neg_str	BOBJ1	511.4811	After	Interior Girder 2	286.4811	0.95	1	1	6.878408
EV3-Neg_str	BOBJ1	511.4811	After	Right Exterior Girder	286.4811	0.95	1	1	7.121206
EV3-Neg_str	BOBJ1	522.1	Before	Left Exterior Girder	297.1	0.95	1	1	4.769838
EV3-Neg_str	BOBJ1	522.1	Before	Interior Girder 1	297.1	0.95	1	1	4.954788
EV3-Neg_str	BOBJ1	522.1	Before	Interior Girder 2	297.1	0.95	1	1	4.954788
EV3-Neg_str	BOBJ1	522.1	Before	Right Exterior Girder	297.1	0.95	1	1	4.769838
EV3-Neg_str	BOBJ1	522.1	After	Left Exterior Girder	297.1	0.95	1	1	4.900347
EV3-Neg_str	BOBJ1	522.1	After	Interior Girder 1	297.1	0.95	1	1	4.954456
EV3-Neg_str	BOBJ1	522.1	After	Interior Girder 2	297.1	0.95	1	1	4.954456
EV3-Neg_str	BOBJ1	522.1	After	Right Exterior Girder	297.1	0.95	1	1	4.900347
EV3-Neg_str	BOBJ1	530.4918	Before	Left Exterior Girder	305.4918	0.95	1	1	3.200584
EV3-Neg_str	BOBJ1	530.4918	Before	Interior Girder 1	305.4918	0.95	1	1	3.255352
EV3-Neg_str	BOBJ1	530.4918	Before	Interior Girder 2	305.4918	0.95	1	1	3.255352
EV3-Neg_str	BOBJ1	530.4918	Before	Right Exterior Girder	305.4918	0.95	1	1	3.200583
EV3-Neg_str	BOBJ1	530.4918	After	Left Exterior Girder	305.4918	0.95	1	1	4.861944
EV3-Neg_str	BOBJ1	530.4918	After	Interior Girder 1	305.4918	0.95	1	1	4.94315
EV3-Neg_str	BOBJ1	530.4918	After	Interior Girder 2	305.4918	0.95	1	1	4.943151
EV3-Neg_str	BOBJ1	530.4918	After	Right Exterior Girder	305.4918	0.95	1	1	4.861944
EV3-Neg_str	BOBJ1	533.55	Before	Left Exterior Girder	308.55	0.95	1	1	4.239777
EV3-Neg_str	BOBJ1	533.55	Before	Interior Girder 1	308.55	0.95	1	1	4.291686
EV3-Neg_str	BOBJ1	533.55	Before	Interior Girder 2	308.55	0.95	1	1	4.291686
EV3-Neg_str	BOBJ1	533.55	Before	Right Exterior Girder	308.55	0.95	1	1	4.239777
EV3-Neg_str	BOBJ1	533.55	After	Left Exterior Girder	308.55	0.95	1	1	4.23122
EV3-Neg_str	BOBJ1	533.55	After	Interior Girder 1	308.55	0.95	1	1	4.291113
EV3-Neg_str	BOBJ1	533.55	After	Interior Girder 2	308.55	0.95	1	1	4.291113
EV3-Neg_str	BOBJ1	533.55	After	Right Exterior Girder	308.55	0.95	1	1	4.231219
EV3-Neg_str	BOBJ1	545	Before	Left Exterior Girder	320	0.95	1	1	2.400316
EV3-Neg_str	BOBJ1	545	Before	Interior Girder 1	320	0.95	1	1	2.30881
EV3-Neg_str	BOBJ1	545	Before	Interior Girder 2	320	0.95	1	1	2.30881
EV3-Neg_str	BOBJ1	545	Before	Right Exterior Girder	320	0.95	1	1	2.400316
EV3-Neg_str	BOBJ1	545	After	Left Exterior Girder	0	0.95	1	1	2.607025
EV3-Neg_str	BOBJ1	545	After	Interior Girder 1	0	0.95	1	1	2.380328
EV3-Neg_str	BOBJ1	545	After	Interior Girder 2	0	0.95	1	1	2.380328
EV3-Neg_str	BOBJ1	545	After	Right Exterior Girder	0	0.95	1	1	2.607025
EV3-Neg_str	BOBJ1	556.25	Before	Left Exterior Girder	11.25	0.95	1	1	4.267699
EV3-Neg_str	BOBJ1	556.25	Before	Interior Girder 1	11.25	0.95	1	1	4.078986
EV3-Neg_str	BOBJ1	556.25	Before	Interior Girder 2	11.25	0.95	1	1	4.078986
EV3-Neg_str	BOBJ1	556.25	Before	Right Exterior Girder	11.25	0.95	1	1	4.267699
EV3-Neg_str	BOBJ1	556.25	After	Left Exterior Girder	11.25	0.95	1	1	4.269799
EV3-Neg_str	BOBJ1	556.25	After	Interior Girder 1	11.25	0.95	1	1	4.082993
EV3-Neg_str	BOBJ1	556.25	After	Interior Girder 2	11.25	0.95	1	1	4.082993
EV3-Neg_str	BOBJ1	556.25	After	Right Exterior Girder	11.25	0.95	1	1	4.269799
EV3-Neg_str	BOBJ1	559.4358	Before	Left Exterior Girder	14.4358	0.95	1	1	4.804067
EV3-Neg_str	BOBJ1	559.4358	Before	Interior Girder 1	14.4358	0.95	1	1	4.583131
EV3-Neg_str	BOBJ1	559.4358	Before	Interior Girder 2	14.4358	0.95	1	1	4.583131
EV3-Neg_str	BOBJ1	559.4358	Before	Right Exterior Girder	14.4358	0.95	1	1	4.804066
EV3-Neg_str	BOBJ1	559.4358	After	Left Exterior Girder	14.4358	0.95	1	1	3.126858
EV3-Neg_str	BOBJ1	559.4358	After	Interior Girder 1	14.4358	0.95	1	1	2.971235
EV3-Neg_str	BOBJ1	559.4358	After	Interior Girder 2	14.4358	0.95	1	1	2.971235
EV3-Neg_str	BOBJ1	559.4358	After	Right Exterior Girder	14.4358	0.95	1	1	3.126857
EV3-Neg_str	BOBJ1	567.5	Before	Left Exterior Girder	22.5	0.95	1	1	4.360835
EV3-Neg_str	BOBJ1	567.5	Before	Interior Girder 1	22.5	0.95	1	1	3.99119
EV3-Neg_str	BOBJ1	567.5	Before	Interior Girder 2	22.5	0.95	1	1	3.99119
EV3-Neg_str	BOBJ1	567.5	Before	Right Exterior Girder	22.5	0.95	1	1	4.360835
EV3-Neg_str	BOBJ1	567.5	After	Left Exterior Girder	22.5	0.95	1	1	4.875997
EV3-Neg_str	BOBJ1	567.5	After	Interior Girder 1	22.5	0.95	1	1	4.496461
EV3-Neg_str	BOBJ1	567.5	After	Interior Girder 2	22.5	0.95	1	1	4.496461
EV3-Neg_str	BOBJ1	567.5	After	Right Exterior Girder	22.5	0.95	1	1	4.875997
EV3-Neg_str	BOBJ1	570.0586	Before	Left Exterior Girder	25.0586	0.95	1	1	5.305028
EV3-Neg_str	BOBJ1	570.0586	Before	Interior Girder 1	25.0586	0.95	1	1	4.833327
EV3-Neg_str	BOBJ1	570.0586	Before	Interior Girder 2	25.0586	0.95	1	1	4.833327
EV3-Neg_str	BOBJ1	570.0586	Before	Right Exterior Girder	25.0586	0.95	1	1	5.305028

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelINonCompStrgth-Flx - Main Span Girders									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
EV3-Neg_str	BOBJ1	570.0586	After	Left Exterior Girder	25.0586	0.95	1	1	3.21034
EV3-Neg_str	BOBJ1	570.0586	After	Interior Girder 1	25.0586	0.95	1	1	2.909818
EV3-Neg_str	BOBJ1	570.0586	After	Interior Girder 2	25.0586	0.95	1	1	2.909818
EV3-Neg_str	BOBJ1	570.0586	After	Right Exterior Girder	25.0586	0.95	1	1	3.21034
EV3-Neg_str	BOBJ1	578.75	Before	Left Exterior Girder	33.75	0.95	1	1	4.251463
EV3-Neg_str	BOBJ1	578.75	Before	Interior Girder 1	33.75	0.95	1	1	3.944214
EV3-Neg_str	BOBJ1	578.75	Before	Interior Girder 2	33.75	0.95	1	1	3.944214
EV3-Neg_str	BOBJ1	578.75	Before	Right Exterior Girder	33.75	0.95	1	1	4.251463
EV3-Neg_str	BOBJ1	578.75	After	Left Exterior Girder	33.75	0.95	1	1	4.238922
EV3-Neg_str	BOBJ1	578.75	After	Interior Girder 1	33.75	0.95	1	1	3.950082
EV3-Neg_str	BOBJ1	578.75	After	Interior Girder 2	33.75	0.95	1	1	3.950082
EV3-Neg_str	BOBJ1	578.75	After	Right Exterior Girder	33.75	0.95	1	1	4.238922
EV3-Neg_str	BOBJ1	586.8142	Before	Left Exterior Girder	41.8142	0.95	1	1	5.246841
EV3-Neg_str	BOBJ1	586.8142	Before	Interior Girder 1	41.8142	0.95	1	1	4.963557
EV3-Neg_str	BOBJ1	586.8142	Before	Interior Girder 2	41.8142	0.95	1	1	4.963557
EV3-Neg_str	BOBJ1	586.8142	Before	Right Exterior Girder	41.8142	0.95	1	1	5.246841
EV3-Neg_str	BOBJ1	586.8142	After	Left Exterior Girder	41.8142	0.95	1	1	2.465788
EV3-Neg_str	BOBJ1	586.8142	After	Interior Girder 1	41.8142	0.95	1	1	2.329677
EV3-Neg_str	BOBJ1	586.8142	After	Interior Girder 2	41.8142	0.95	1	1	2.329677
EV3-Neg_str	BOBJ1	586.8142	After	Right Exterior Girder	41.8142	0.95	1	1	2.465788
EV3-Neg_str	BOBJ1	590	Before	Left Exterior Girder	45	0.95	1	1	2.806968
EV3-Neg_str	BOBJ1	590	Before	Interior Girder 1	45	0.95	1	1	2.671331
EV3-Neg_str	BOBJ1	590	Before	Interior Girder 2	45	0.95	1	1	2.671331
EV3-Neg_str	BOBJ1	590	Before	Right Exterior Girder	45	0.95	1	1	2.806968
EV3-Neg_str	BOBJ1	590	After	Left Exterior Girder	45	0.95	1	1	1.747244
EV3-Neg_str	BOBJ1	590	After	Interior Girder 1	45	0.95	1	1	1.682787
EV3-Neg_str	BOBJ1	590	After	Interior Girder 2	45	0.95	1	1	1.682787
EV3-Neg_str	BOBJ1	590	After	Right Exterior Girder	45	0.95	1	1	1.747244
EV3-Neg_str	BOBJ1	601.25	Before	Left Exterior Girder	56.25	0.95	1	1	2.898659
EV3-Neg_str	BOBJ1	601.25	Before	Interior Girder 1	56.25	0.95	1	1	2.827171
EV3-Neg_str	BOBJ1	601.25	Before	Interior Girder 2	56.25	0.95	1	1	2.827171
EV3-Neg_str	BOBJ1	601.25	Before	Right Exterior Girder	56.25	0.95	1	1	2.898659
EV3-Neg_str	BOBJ1	601.25	After	Left Exterior Girder	56.25	0.95	1	1	2.892018
EV3-Neg_str	BOBJ1	601.25	After	Interior Girder 1	56.25	0.95	1	1	2.832975
EV3-Neg_str	BOBJ1	601.25	After	Interior Girder 2	56.25	0.95	1	1	2.832975
EV3-Neg_str	BOBJ1	601.25	After	Right Exterior Girder	56.25	0.95	1	1	2.892018
EV3-Neg_str	BOBJ1	601.7478	Before	Left Exterior Girder	56.7478	0.95	1	1	2.944032
EV3-Neg_str	BOBJ1	601.7478	Before	Interior Girder 1	56.7478	0.95	1	1	2.884787
EV3-Neg_str	BOBJ1	601.7478	Before	Interior Girder 2	56.7478	0.95	1	1	2.884787
EV3-Neg_str	BOBJ1	601.7478	Before	Right Exterior Girder	56.7478	0.95	1	1	2.944032
EV3-Neg_str	BOBJ1	601.7478	After	Left Exterior Girder	56.7478	0.95	1	1	0.935699
EV3-Neg_str	BOBJ1	601.7478	After	Interior Girder 1	56.7478	0.95	1	1	0.926747
EV3-Neg_str	BOBJ1	601.7478	After	Interior Girder 2	56.7478	0.95	1	1	0.926747
EV3-Neg_str	BOBJ1	601.7478	After	Right Exterior Girder	56.7478	0.95	1	1	0.935699
EV3-Neg_str	BOBJ1	612.5	Before	Left Exterior Girder	67.5	0.95	1	1	1.925957
EV3-Neg_str	BOBJ1	612.5	Before	Interior Girder 1	67.5	0.95	1	1	1.91724
EV3-Neg_str	BOBJ1	612.5	Before	Interior Girder 2	67.5	0.95	1	1	1.91724
EV3-Neg_str	BOBJ1	612.5	Before	Right Exterior Girder	67.5	0.95	1	1	1.925957
EV3-Neg_str	BOBJ1	612.5	After	Left Exterior Girder	67.5	0.95	1	1	2.710577
EV3-Neg_str	BOBJ1	612.5	After	Interior Girder 1	67.5	0.95	1	1	2.712182
EV3-Neg_str	BOBJ1	612.5	After	Interior Girder 2	67.5	0.95	1	1	2.712182
EV3-Neg_str	BOBJ1	612.5	After	Right Exterior Girder	67.5	0.95	1	1	2.710577
EV3-Neg_str	BOBJ1	623.75	Before	Left Exterior Girder	78.75	0.95	1	1	3.839489
EV3-Neg_str	BOBJ1	623.75	Before	Interior Girder 1	78.75	0.95	1	1	3.855823
EV3-Neg_str	BOBJ1	623.75	Before	Interior Girder 2	78.75	0.95	1	1	3.855823
EV3-Neg_str	BOBJ1	623.75	Before	Right Exterior Girder	78.75	0.95	1	1	3.839489
EV3-Neg_str	BOBJ1	623.75	After	Left Exterior Girder	78.75	0.95	1	1	3.832113
EV3-Neg_str	BOBJ1	623.75	After	Interior Girder 1	78.75	0.95	1	1	3.86288
EV3-Neg_str	BOBJ1	623.75	After	Interior Girder 2	78.75	0.95	1	1	3.86288
EV3-Neg_str	BOBJ1	623.75	After	Right Exterior Girder	78.75	0.95	1	1	3.832113
EV3-Neg_str	BOBJ1	635	Before	Left Exterior Girder	90	0.95	1	1	5.025335
EV3-Neg_str	BOBJ1	635	Before	Interior Girder 1	90	0.95	1	1	5.087725
EV3-Neg_str	BOBJ1	635	Before	Interior Girder 2	90	0.95	1	1	5.087725
EV3-Neg_str	BOBJ1	635	Before	Right Exterior Girder	90	0.95	1	1	5.025335
EV3-Neg_str	BOBJ1	635	After	Left Exterior Girder	90	0.95	1	1	4.028864
EV3-Neg_str	BOBJ1	635	After	Interior Girder 1	90	0.95	1	1	4.097246
EV3-Neg_str	BOBJ1	635	After	Interior Girder 2	90	0.95	1	1	4.097246
EV3-Neg_str	BOBJ1	635	After	Right Exterior Girder	90	0.95	1	1	4.028864

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelINonCompStrgth-Flx - Main Span Girders									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
EV3-Neg_str	BOBJ1	643.5619	Before	Left Exterior Girder	98.5619	0.95	1	1	4.916357
EV3-Neg_str	BOBJ1	643.5619	Before	Interior Girder 1	98.5619	0.95	1	1	4.995409
EV3-Neg_str	BOBJ1	643.5619	Before	Interior Girder 2	98.5619	0.95	1	1	4.995409
EV3-Neg_str	BOBJ1	643.5619	Before	Right Exterior Girder	98.5619	0.95	1	1	4.916357
EV3-Neg_str	BOBJ1	643.5619	After	Left Exterior Girder	98.5619	0.95	1	1	7.215128
EV3-Neg_str	BOBJ1	643.5619	After	Interior Girder 1	98.5619	0.95	1	1	7.316763
EV3-Neg_str	BOBJ1	643.5619	After	Interior Girder 2	98.5619	0.95	1	1	7.316763
EV3-Neg_str	BOBJ1	643.5619	After	Right Exterior Girder	98.5619	0.95	1	1	7.215128
EV3-Neg_str	BOBJ1	646.25	Before	Left Exterior Girder	101.25	0.95	1	1	7.55724
EV3-Neg_str	BOBJ1	646.25	Before	Interior Girder 1	101.25	0.95	1	1	7.656995
EV3-Neg_str	BOBJ1	646.25	Before	Interior Girder 2	101.25	0.95	1	1	7.656994
EV3-Neg_str	BOBJ1	646.25	Before	Right Exterior Girder	101.25	0.95	1	1	7.55724
EV3-Neg_str	BOBJ1	646.25	After	Left Exterior Girder	101.25	0.95	1	1	7.550241
EV3-Neg_str	BOBJ1	646.25	After	Interior Girder 1	101.25	0.95	1	1	7.663787
EV3-Neg_str	BOBJ1	646.25	After	Interior Girder 2	101.25	0.95	1	1	7.663787
EV3-Neg_str	BOBJ1	646.25	After	Right Exterior Girder	101.25	0.95	1	1	7.550241
EV3-Neg_str	BOBJ1	657.5	Before	Left Exterior Girder	112.5	0.95	1	1	9.038417
EV3-Neg_str	BOBJ1	657.5	Before	Interior Girder 1	112.5	0.95	1	1	9.181621
EV3-Neg_str	BOBJ1	657.5	Before	Interior Girder 2	112.5	0.95	1	1	9.18162
EV3-Neg_str	BOBJ1	657.5	Before	Right Exterior Girder	112.5	0.95	1	1	9.038417
EV3-Neg_str	BOBJ1	657.5	After	Left Exterior Girder	112.5	0.95	1	1	9.216279
EV3-Neg_str	BOBJ1	657.5	After	Interior Girder 1	112.5	0.95	1	1	9.4168
EV3-Neg_str	BOBJ1	657.5	After	Interior Girder 2	112.5	0.95	1	1	9.4168
EV3-Neg_str	BOBJ1	657.5	After	Right Exterior Girder	112.5	0.95	1	1	9.216279
EV3-Neg_str	BOBJ1	668.75	Before	Left Exterior Girder	123.75	0.95	1	1	10.858025
EV3-Neg_str	BOBJ1	668.75	Before	Interior Girder 1	123.75	0.95	1	1	11.072161
EV3-Neg_str	BOBJ1	668.75	Before	Interior Girder 2	123.75	0.95	1	1	11.072161
EV3-Neg_str	BOBJ1	668.75	Before	Right Exterior Girder	123.75	0.95	1	1	10.858025
EV3-Neg_str	BOBJ1	668.75	After	Left Exterior Girder	123.75	0.95	1	1	10.842802
EV3-Neg_str	BOBJ1	668.75	After	Interior Girder 1	123.75	0.95	1	1	11.086999
EV3-Neg_str	BOBJ1	668.75	After	Interior Girder 2	123.75	0.95	1	1	11.086999
EV3-Neg_str	BOBJ1	668.75	After	Right Exterior Girder	123.75	0.95	1	1	10.842802
EV3-Neg_str	BOBJ1	680	Before	Left Exterior Girder	135	0.95	1	1	12.691383
EV3-Neg_str	BOBJ1	680	Before	Interior Girder 1	135	0.95	1	1	12.94096
EV3-Neg_str	BOBJ1	680	Before	Interior Girder 2	135	0.95	1	1	12.94096
EV3-Neg_str	BOBJ1	680	Before	Right Exterior Girder	135	0.95	1	1	12.691383
EV3-Neg_str	BOBJ1	680	After	Left Exterior Girder	135	0.95	1	1	12.602122
EV3-Neg_str	BOBJ1	680	After	Interior Girder 1	135	0.95	1	1	12.962489
EV3-Neg_str	BOBJ1	680	After	Interior Girder 2	135	0.95	1	1	12.962489
EV3-Neg_str	BOBJ1	680	After	Right Exterior Girder	135	0.95	1	1	12.602122
EV3-Neg_str	BOBJ1	691.25	Before	Left Exterior Girder	146.25	0.95	1	1	14.712009
EV3-Neg_str	BOBJ1	691.25	Before	Interior Girder 1	146.25	0.95	1	1	15.062321
EV3-Neg_str	BOBJ1	691.25	Before	Interior Girder 2	146.25	0.95	1	1	15.062322
EV3-Neg_str	BOBJ1	691.25	Before	Right Exterior Girder	146.25	0.95	1	1	14.712009
EV3-Neg_str	BOBJ1	691.25	After	Left Exterior Girder	146.25	0.95	1	1	14.683347
EV3-Neg_str	BOBJ1	691.25	After	Interior Girder 1	146.25	0.95	1	1	15.088698
EV3-Neg_str	BOBJ1	691.25	After	Interior Girder 2	146.25	0.95	1	1	15.088699
EV3-Neg_str	BOBJ1	691.25	After	Right Exterior Girder	146.25	0.95	1	1	14.683347
EV3-Neg_str	BOBJ1	702.5	Before	Left Exterior Girder	157.5	0.95	1	1	17.235985
EV3-Neg_str	BOBJ1	702.5	Before	Interior Girder 1	157.5	0.95	1	1	17.595445
EV3-Neg_str	BOBJ1	702.5	Before	Interior Girder 2	157.5	0.95	1	1	17.595445
EV3-Neg_str	BOBJ1	702.5	Before	Right Exterior Girder	157.5	0.95	1	1	17.235984
EV3-Neg_str	BOBJ1	702.5	After	Left Exterior Girder	157.5	0.95	1	1	17.034374
EV3-Neg_str	BOBJ1	702.5	After	Interior Girder 1	157.5	0.95	1	1	17.665129
EV3-Neg_str	BOBJ1	702.5	After	Interior Girder 2	157.5	0.95	1	1	17.665129
EV3-Neg_str	BOBJ1	702.5	After	Right Exterior Girder	157.5	0.95	1	1	17.034373
EV3-Neg_str	BOBJ1	713.75	Before	Left Exterior Girder	168.75	0.95	1	1	20.225106
EV3-Neg_str	BOBJ1	713.75	Before	Interior Girder 1	168.75	0.95	1	1	20.789753
EV3-Neg_str	BOBJ1	713.75	Before	Interior Girder 2	168.75	0.95	1	1	20.789753
EV3-Neg_str	BOBJ1	713.75	Before	Right Exterior Girder	168.75	0.95	1	1	20.225105
EV3-Neg_str	BOBJ1	713.75	After	Left Exterior Girder	168.75	0.95	1	1	20.174778
EV3-Neg_str	BOBJ1	713.75	After	Interior Girder 1	168.75	0.95	1	1	20.83978
EV3-Neg_str	BOBJ1	713.75	After	Interior Girder 2	168.75	0.95	1	1	20.839781
EV3-Neg_str	BOBJ1	713.75	After	Right Exterior Girder	168.75	0.95	1	1	20.174777
EV3-Neg_str	BOBJ1	725	Before	Left Exterior Girder	180	0.95	1	1	24.595726
EV3-Neg_str	BOBJ1	725	Before	Interior Girder 1	180	0.95	1	1	25.078322
EV3-Neg_str	BOBJ1	725	Before	Interior Girder 2	180	0.95	1	1	25.078323
EV3-Neg_str	BOBJ1	725	Before	Right Exterior Girder	180	0.95	1	1	24.595725

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelNonCompStrgth-Flx - Main Span Girders									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
EV3-Neg_str	BOBJ1	725	After	Left Exterior Girder	180	0.95	1	1	23.538683
EV3-Neg_str	BOBJ1	725	After	Interior Girder 1	180	0.95	1	1	24.681584
EV3-Neg_str	BOBJ1	725	After	Interior Girder 2	180	0.95	1	1	24.681583
EV3-Neg_str	BOBJ1	725	After	Right Exterior Girder	180	0.95	1	1	23.538683
EV3-Neg_str	BOBJ1	731.1726	Before	Left Exterior Girder	186.1726	0.95	1	1	26.680084
EV3-Neg_str	BOBJ1	731.1726	Before	Interior Girder 1	186.1726	0.95	1	1	27.7569
EV3-Neg_str	BOBJ1	731.1726	Before	Interior Girder 2	186.1726	0.95	1	1	27.7569
EV3-Neg_str	BOBJ1	731.1726	Before	Right Exterior Girder	186.1726	0.95	1	1	26.680083
EV3-Neg_str	BOBJ1	731.1726	After	Left Exterior Girder	186.1726	0.95	1	1	19.232459
EV3-Neg_str	BOBJ1	731.1726	After	Interior Girder 1	186.1726	0.95	1	1	20.168706
EV3-Neg_str	BOBJ1	731.1726	After	Interior Girder 2	186.1726	0.95	1	1	20.168706
EV3-Neg_str	BOBJ1	731.1726	After	Right Exterior Girder	186.1726	0.95	1	1	19.232459
EV3-Neg_str	BOBJ1	736.25	Before	Left Exterior Girder	191.25	0.95	1	1	21.430769
EV3-Neg_str	BOBJ1	736.25	Before	Interior Girder 1	191.25	0.95	1	1	22.277615
EV3-Neg_str	BOBJ1	736.25	Before	Interior Girder 2	191.25	0.95	1	1	22.277615
EV3-Neg_str	BOBJ1	736.25	Before	Right Exterior Girder	191.25	0.95	1	1	21.430769
EV3-Neg_str	BOBJ1	736.25	After	Left Exterior Girder	191.25	0.95	1	1	21.379557
EV3-Neg_str	BOBJ1	736.25	After	Interior Girder 1	191.25	0.95	1	1	22.332974
EV3-Neg_str	BOBJ1	736.25	After	Interior Girder 2	191.25	0.95	1	1	22.332974
EV3-Neg_str	BOBJ1	736.25	After	Right Exterior Girder	191.25	0.95	1	1	21.379557
EV3-Neg_str	BOBJ1	747.5	Before	Left Exterior Girder	202.5	0.95	1	1	29.357053
EV3-Neg_str	BOBJ1	747.5	Before	Interior Girder 1	202.5	0.95	1	1	29.891676
EV3-Neg_str	BOBJ1	747.5	Before	Interior Girder 2	202.5	0.95	1	1	29.891676
EV3-Neg_str	BOBJ1	747.5	Before	Right Exterior Girder	202.5	0.95	1	1	29.357052
EV3-Neg_str	BOBJ1	747.5	After	Left Exterior Girder	202.5	0.95	1	1	33.512149
EV3-Neg_str	BOBJ1	747.5	After	Interior Girder 1	202.5	0.95	1	1	36.09905
EV3-Neg_str	BOBJ1	747.5	After	Interior Girder 2	202.5	0.95	1	1	36.099051
EV3-Neg_str	BOBJ1	747.5	After	Right Exterior Girder	202.5	0.95	1	1	33.512145
EV3-Neg_str	BOBJ1	758.75	Before	Left Exterior Girder	213.75	0.95	1	1	60.704815
EV3-Neg_str	BOBJ1	758.75	Before	Interior Girder 1	213.75	0.95	1	1	63.263561
EV3-Neg_str	BOBJ1	758.75	Before	Interior Girder 2	213.75	0.95	1	1	63.26356
EV3-Neg_str	BOBJ1	758.75	Before	Right Exterior Girder	213.75	0.95	1	1	60.7048
EV3-Neg_str	BOBJ1	758.75	After	Left Exterior Girder	213.75	0.95	1	1	60.175079
EV3-Neg_str	BOBJ1	758.75	After	Interior Girder 1	213.75	0.95	1	1	63.821574
EV3-Neg_str	BOBJ1	758.75	After	Interior Girder 2	213.75	0.95	1	1	63.821573
EV3-Neg_str	BOBJ1	758.75	After	Right Exterior Girder	213.75	0.95	1	1	60.175065
EV3-Neg_str	BOBJ1	770	Before	Left Exterior Girder	225	0.95	1	1	123.198857
EV3-Neg_str	BOBJ1	770	Before	Interior Girder 1	225	0.95	1	1	110.538945
EV3-Neg_str	BOBJ1	770	Before	Interior Girder 2	225	0.95	1	1	110.538552
EV3-Neg_str	BOBJ1	770	Before	Right Exterior Girder	225	0.95	1	1	123.19949
Gravel Truck_str	BOBJ1	0	After	Left Exterior Girder	0	0.95	1	1	244.061035
Gravel Truck_str	BOBJ1	0	After	Interior Girder 1	0	0.95	1	1	202.084111
Gravel Truck_str	BOBJ1	0	After	Interior Girder 2	0	0.95	1	1	202.083887
Gravel Truck_str	BOBJ1	0	After	Right Exterior Girder	0	0.95	1	1	244.061027
Gravel Truck_str	BOBJ1	11.25	Before	Left Exterior Girder	11.25	0.95	1	1	11.71572
Gravel Truck_str	BOBJ1	11.25	Before	Interior Girder 1	11.25	0.95	1	1	7.689198
Gravel Truck_str	BOBJ1	11.25	Before	Interior Girder 2	11.25	0.95	1	1	7.6892
Gravel Truck_str	BOBJ1	11.25	Before	Right Exterior Girder	11.25	0.95	1	1	11.71572
Gravel Truck_str	BOBJ1	11.25	After	Left Exterior Girder	11.25	0.95	1	1	11.750146
Gravel Truck_str	BOBJ1	11.25	After	Interior Girder 1	11.25	0.95	1	1	7.789682
Gravel Truck_str	BOBJ1	11.25	After	Interior Girder 2	11.25	0.95	1	1	7.789684
Gravel Truck_str	BOBJ1	11.25	After	Right Exterior Girder	11.25	0.95	1	1	11.750145
Gravel Truck_str	BOBJ1	22.5	Before	Left Exterior Girder	22.5	0.95	1	1	4.993313
Gravel Truck_str	BOBJ1	22.5	Before	Interior Girder 1	22.5	0.95	1	1	3.747927
Gravel Truck_str	BOBJ1	22.5	Before	Interior Girder 2	22.5	0.95	1	1	3.747928
Gravel Truck_str	BOBJ1	22.5	Before	Right Exterior Girder	22.5	0.95	1	1	4.993313
Gravel Truck_str	BOBJ1	22.5	After	Left Exterior Girder	22.5	0.95	1	1	5.206157
Gravel Truck_str	BOBJ1	22.5	After	Interior Girder 1	22.5	0.95	1	1	3.798359
Gravel Truck_str	BOBJ1	22.5	After	Interior Girder 2	22.5	0.95	1	1	3.798359
Gravel Truck_str	BOBJ1	22.5	After	Right Exterior Girder	22.5	0.95	1	1	5.206157
Gravel Truck_str	BOBJ1	33.75	Before	Left Exterior Girder	33.75	0.95	1	1	2.994877
Gravel Truck_str	BOBJ1	33.75	Before	Interior Girder 1	33.75	0.95	1	1	2.328106
Gravel Truck_str	BOBJ1	33.75	Before	Interior Girder 2	33.75	0.95	1	1	2.328106
Gravel Truck_str	BOBJ1	33.75	Before	Right Exterior Girder	33.75	0.95	1	1	2.994877
Gravel Truck_str	BOBJ1	33.75	After	Left Exterior Girder	33.75	0.95	1	1	3.003836
Gravel Truck_str	BOBJ1	33.75	After	Interior Girder 1	33.75	0.95	1	1	2.327255
Gravel Truck_str	BOBJ1	33.75	After	Interior Girder 2	33.75	0.95	1	1	2.327255
Gravel Truck_str	BOBJ1	33.75	After	Right Exterior Girder	33.75	0.95	1	1	3.003836

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelINonCompStrgth-Flx - Main Span Girders									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Gravel Truck_str	BOBJ1	38.8274	Before	Left Exterior Girder	38.8274	0.95	1	1	2.438079
Gravel Truck_str	BOBJ1	38.8274	Before	Interior Girder 1	38.8274	0.95	1	1	1.959932
Gravel Truck_str	BOBJ1	38.8274	Before	Interior Girder 2	38.8274	0.95	1	1	1.959932
Gravel Truck_str	BOBJ1	38.8274	Before	Right Exterior Girder	38.8274	0.95	1	1	2.438079
Gravel Truck_str	BOBJ1	38.8274	After	Left Exterior Girder	38.8274	0.95	1	1	5.678122
Gravel Truck_str	BOBJ1	38.8274	After	Interior Girder 1	38.8274	0.95	1	1	4.583031
Gravel Truck_str	BOBJ1	38.8274	After	Interior Girder 2	38.8274	0.95	1	1	4.583032
Gravel Truck_str	BOBJ1	38.8274	After	Right Exterior Girder	38.8274	0.95	1	1	5.678122
Gravel Truck_str	BOBJ1	45	Before	Left Exterior Girder	45	0.95	1	1	4.854201
Gravel Truck_str	BOBJ1	45	Before	Interior Girder 1	45	0.95	1	1	4.091402
Gravel Truck_str	BOBJ1	45	Before	Interior Girder 2	45	0.95	1	1	4.091402
Gravel Truck_str	BOBJ1	45	Before	Right Exterior Girder	45	0.95	1	1	4.854202
Gravel Truck_str	BOBJ1	45	After	Left Exterior Girder	45	0.95	1	1	4.903558
Gravel Truck_str	BOBJ1	45	After	Interior Girder 1	45	0.95	1	1	4.053016
Gravel Truck_str	BOBJ1	45	After	Interior Girder 2	45	0.95	1	1	4.053015
Gravel Truck_str	BOBJ1	45	After	Right Exterior Girder	45	0.95	1	1	4.903558
Gravel Truck_str	BOBJ1	56.25	Before	Left Exterior Girder	56.25	0.95	1	1	4.031187
Gravel Truck_str	BOBJ1	56.25	Before	Interior Girder 1	56.25	0.95	1	1	3.425445
Gravel Truck_str	BOBJ1	56.25	Before	Interior Girder 2	56.25	0.95	1	1	3.425445
Gravel Truck_str	BOBJ1	56.25	Before	Right Exterior Girder	56.25	0.95	1	1	4.031188
Gravel Truck_str	BOBJ1	56.25	After	Left Exterior Girder	56.25	0.95	1	1	4.030582
Gravel Truck_str	BOBJ1	56.25	After	Interior Girder 1	56.25	0.95	1	1	3.423991
Gravel Truck_str	BOBJ1	56.25	After	Interior Girder 2	56.25	0.95	1	1	3.423991
Gravel Truck_str	BOBJ1	56.25	After	Right Exterior Girder	56.25	0.95	1	1	4.030583
Gravel Truck_str	BOBJ1	67.5	Before	Left Exterior Girder	67.5	0.95	1	1	3.565013
Gravel Truck_str	BOBJ1	67.5	Before	Interior Girder 1	67.5	0.95	1	1	3.166797
Gravel Truck_str	BOBJ1	67.5	Before	Interior Girder 2	67.5	0.95	1	1	3.166797
Gravel Truck_str	BOBJ1	67.5	Before	Right Exterior Girder	67.5	0.95	1	1	3.565013
Gravel Truck_str	BOBJ1	67.5	After	Left Exterior Girder	67.5	0.95	1	1	3.596553
Gravel Truck_str	BOBJ1	67.5	After	Interior Girder 1	67.5	0.95	1	1	3.152942
Gravel Truck_str	BOBJ1	67.5	After	Interior Girder 2	67.5	0.95	1	1	3.152941
Gravel Truck_str	BOBJ1	67.5	After	Right Exterior Girder	67.5	0.95	1	1	3.596553
Gravel Truck_str	BOBJ1	78.75	Before	Left Exterior Girder	78.75	0.95	1	1	3.458542
Gravel Truck_str	BOBJ1	78.75	Before	Interior Girder 1	78.75	0.95	1	1	3.043057
Gravel Truck_str	BOBJ1	78.75	Before	Interior Girder 2	78.75	0.95	1	1	3.043056
Gravel Truck_str	BOBJ1	78.75	Before	Right Exterior Girder	78.75	0.95	1	1	3.458542
Gravel Truck_str	BOBJ1	78.75	After	Left Exterior Girder	78.75	0.95	1	1	3.455131
Gravel Truck_str	BOBJ1	78.75	After	Interior Girder 1	78.75	0.95	1	1	3.044554
Gravel Truck_str	BOBJ1	78.75	After	Interior Girder 2	78.75	0.95	1	1	3.044553
Gravel Truck_str	BOBJ1	78.75	After	Right Exterior Girder	78.75	0.95	1	1	3.455131
Gravel Truck_str	BOBJ1	90	Before	Left Exterior Girder	90	0.95	1	1	3.518431
Gravel Truck_str	BOBJ1	90	Before	Interior Girder 1	90	0.95	1	1	3.16856
Gravel Truck_str	BOBJ1	90	Before	Interior Girder 2	90	0.95	1	1	3.168559
Gravel Truck_str	BOBJ1	90	Before	Right Exterior Girder	90	0.95	1	1	3.518431
Gravel Truck_str	BOBJ1	90	After	Left Exterior Girder	90	0.95	1	1	3.520059
Gravel Truck_str	BOBJ1	90	After	Interior Girder 1	90	0.95	1	1	3.162363
Gravel Truck_str	BOBJ1	90	After	Interior Girder 2	90	0.95	1	1	3.162363
Gravel Truck_str	BOBJ1	90	After	Right Exterior Girder	90	0.95	1	1	3.52006
Gravel Truck_str	BOBJ1	101.25	Before	Left Exterior Girder	101.25	0.95	1	1	3.838185
Gravel Truck_str	BOBJ1	101.25	Before	Interior Girder 1	101.25	0.95	1	1	3.391516
Gravel Truck_str	BOBJ1	101.25	Before	Interior Girder 2	101.25	0.95	1	1	3.391516
Gravel Truck_str	BOBJ1	101.25	Before	Right Exterior Girder	101.25	0.95	1	1	3.838185
Gravel Truck_str	BOBJ1	101.25	After	Left Exterior Girder	101.25	0.95	1	1	3.833082
Gravel Truck_str	BOBJ1	101.25	After	Interior Girder 1	101.25	0.95	1	1	3.389402
Gravel Truck_str	BOBJ1	101.25	After	Interior Girder 2	101.25	0.95	1	1	3.389402
Gravel Truck_str	BOBJ1	101.25	After	Right Exterior Girder	101.25	0.95	1	1	3.833082
Gravel Truck_str	BOBJ1	112.5	Before	Left Exterior Girder	112.5	0.95	1	1	4.353621
Gravel Truck_str	BOBJ1	112.5	Before	Interior Girder 1	112.5	0.95	1	1	3.867071
Gravel Truck_str	BOBJ1	112.5	Before	Interior Girder 2	112.5	0.95	1	1	3.867072
Gravel Truck_str	BOBJ1	112.5	Before	Right Exterior Girder	112.5	0.95	1	1	4.353621
Gravel Truck_str	BOBJ1	112.5	After	Left Exterior Girder	112.5	0.95	1	1	4.326712
Gravel Truck_str	BOBJ1	112.5	After	Interior Girder 1	112.5	0.95	1	1	3.863452
Gravel Truck_str	BOBJ1	112.5	After	Interior Girder 2	112.5	0.95	1	1	3.863453
Gravel Truck_str	BOBJ1	112.5	After	Right Exterior Girder	112.5	0.95	1	1	4.326711
Gravel Truck_str	BOBJ1	123.75	Before	Left Exterior Girder	123.75	0.95	1	1	5.216102
Gravel Truck_str	BOBJ1	123.75	Before	Interior Girder 1	123.75	0.95	1	1	4.531343
Gravel Truck_str	BOBJ1	123.75	Before	Interior Girder 2	123.75	0.95	1	1	4.531343
Gravel Truck_str	BOBJ1	123.75	Before	Right Exterior Girder	123.75	0.95	1	1	5.216102

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelNonCompStrgth-Flx - Main Span Girders									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Gravel Truck_str	BOBJ1	123.75	After	Left Exterior Girder	123.75	0.95	1	1	5.219299
Gravel Truck_str	BOBJ1	123.75	After	Interior Girder 1	123.75	0.95	1	1	4.530253
Gravel Truck_str	BOBJ1	123.75	After	Interior Girder 2	123.75	0.95	1	1	4.530254
Gravel Truck_str	BOBJ1	123.75	After	Right Exterior Girder	123.75	0.95	1	1	5.219299
Gravel Truck_str	BOBJ1	126.4381	Before	Left Exterior Girder	126.4381	0.95	1	1	5.487461
Gravel Truck_str	BOBJ1	126.4381	Before	Interior Girder 1	126.4381	0.95	1	1	4.741811
Gravel Truck_str	BOBJ1	126.4381	Before	Interior Girder 2	126.4381	0.95	1	1	4.741811
Gravel Truck_str	BOBJ1	126.4381	Before	Right Exterior Girder	126.4381	0.95	1	1	5.48746
Gravel Truck_str	BOBJ1	126.4381	After	Left Exterior Girder	126.4381	0.95	1	1	2.899599
Gravel Truck_str	BOBJ1	126.4381	After	Interior Girder 1	126.4381	0.95	1	1	2.509984
Gravel Truck_str	BOBJ1	126.4381	After	Interior Girder 2	126.4381	0.95	1	1	2.509985
Gravel Truck_str	BOBJ1	126.4381	After	Right Exterior Girder	126.4381	0.95	1	1	2.899599
Gravel Truck_str	BOBJ1	135	Before	Left Exterior Girder	135	0.95	1	1	3.706471
Gravel Truck_str	BOBJ1	135	Before	Interior Girder 1	135	0.95	1	1	3.175431
Gravel Truck_str	BOBJ1	135	Before	Interior Girder 2	135	0.95	1	1	3.175431
Gravel Truck_str	BOBJ1	135	Before	Right Exterior Girder	135	0.95	1	1	3.706471
Gravel Truck_str	BOBJ1	135	After	Left Exterior Girder	135	0.95	1	1	3.642856
Gravel Truck_str	BOBJ1	135	After	Interior Girder 1	135	0.95	1	1	3.160701
Gravel Truck_str	BOBJ1	135	After	Interior Girder 2	135	0.95	1	1	3.160701
Gravel Truck_str	BOBJ1	135	After	Right Exterior Girder	135	0.95	1	1	3.642856
Gravel Truck_str	BOBJ1	146.25	Before	Left Exterior Girder	146.25	0.95	1	1	5.209793
Gravel Truck_str	BOBJ1	146.25	Before	Interior Girder 1	146.25	0.95	1	1	4.302823
Gravel Truck_str	BOBJ1	146.25	Before	Interior Girder 2	146.25	0.95	1	1	4.302823
Gravel Truck_str	BOBJ1	146.25	Before	Right Exterior Girder	146.25	0.95	1	1	5.209793
Gravel Truck_str	BOBJ1	146.25	After	Left Exterior Girder	146.25	0.95	1	1	5.206452
Gravel Truck_str	BOBJ1	146.25	After	Interior Girder 1	146.25	0.95	1	1	4.307013
Gravel Truck_str	BOBJ1	146.25	After	Interior Girder 2	146.25	0.95	1	1	4.307013
Gravel Truck_str	BOBJ1	146.25	After	Right Exterior Girder	146.25	0.95	1	1	5.206452
Gravel Truck_str	BOBJ1	157.5	Before	Left Exterior Girder	157.5	0.95	1	1	5.726865
Gravel Truck_str	BOBJ1	157.5	Before	Interior Girder 1	157.5	0.95	1	1	5.702911
Gravel Truck_str	BOBJ1	157.5	Before	Interior Girder 2	157.5	0.95	1	1	5.70291
Gravel Truck_str	BOBJ1	157.5	Before	Right Exterior Girder	157.5	0.95	1	1	5.726865
Gravel Truck_str	BOBJ1	157.5	After	Left Exterior Girder	157.5	0.95	1	1	4.068925
Gravel Truck_str	BOBJ1	157.5	After	Interior Girder 1	157.5	0.95	1	1	4.030966
Gravel Truck_str	BOBJ1	157.5	After	Interior Girder 2	157.5	0.95	1	1	4.030966
Gravel Truck_str	BOBJ1	157.5	After	Right Exterior Girder	157.5	0.95	1	1	4.068925
Gravel Truck_str	BOBJ1	168.2522	Before	Left Exterior Girder	168.2522	0.95	1	1	1.986516
Gravel Truck_str	BOBJ1	168.2522	Before	Interior Girder 1	168.2522	0.95	1	1	1.950876
Gravel Truck_str	BOBJ1	168.2522	Before	Interior Girder 2	168.2522	0.95	1	1	1.950876
Gravel Truck_str	BOBJ1	168.2522	Before	Right Exterior Girder	168.2522	0.95	1	1	1.986516
Gravel Truck_str	BOBJ1	168.2522	After	Left Exterior Girder	168.2522	0.95	1	1	6.246649
Gravel Truck_str	BOBJ1	168.2522	After	Interior Girder 1	168.2522	0.95	1	1	6.075136
Gravel Truck_str	BOBJ1	168.2522	After	Interior Girder 2	168.2522	0.95	1	1	6.075136
Gravel Truck_str	BOBJ1	168.2522	After	Right Exterior Girder	168.2522	0.95	1	1	6.246649
Gravel Truck_str	BOBJ1	168.75	Before	Left Exterior Girder	168.75	0.95	1	1	6.13435
Gravel Truck_str	BOBJ1	168.75	Before	Interior Girder 1	168.75	0.95	1	1	5.973021
Gravel Truck_str	BOBJ1	168.75	Before	Interior Girder 2	168.75	0.95	1	1	5.973021
Gravel Truck_str	BOBJ1	168.75	Before	Right Exterior Girder	168.75	0.95	1	1	6.13435
Gravel Truck_str	BOBJ1	168.75	After	Left Exterior Girder	168.75	0.95	1	1	6.147565
Gravel Truck_str	BOBJ1	168.75	After	Interior Girder 1	168.75	0.95	1	1	5.960878
Gravel Truck_str	BOBJ1	168.75	After	Interior Girder 2	168.75	0.95	1	1	5.960878
Gravel Truck_str	BOBJ1	168.75	After	Right Exterior Girder	168.75	0.95	1	1	6.147565
Gravel Truck_str	BOBJ1	180	Before	Left Exterior Girder	180	0.95	1	1	3.766531
Gravel Truck_str	BOBJ1	180	Before	Interior Girder 1	180	0.95	1	1	3.597821
Gravel Truck_str	BOBJ1	180	Before	Interior Girder 2	180	0.95	1	1	3.597821
Gravel Truck_str	BOBJ1	180	Before	Right Exterior Girder	180	0.95	1	1	3.766531
Gravel Truck_str	BOBJ1	180	After	Left Exterior Girder	180	0.95	1	1	5.197285
Gravel Truck_str	BOBJ1	180	After	Interior Girder 1	180	0.95	1	1	4.977781
Gravel Truck_str	BOBJ1	180	After	Interior Girder 2	180	0.95	1	1	4.977781
Gravel Truck_str	BOBJ1	180	After	Right Exterior Girder	180	0.95	1	1	5.197286
Gravel Truck_str	BOBJ1	183.1858	Before	Left Exterior Girder	183.1858	0.95	1	1	4.508214
Gravel Truck_str	BOBJ1	183.1858	Before	Interior Girder 1	183.1858	0.95	1	1	4.295485
Gravel Truck_str	BOBJ1	183.1858	Before	Interior Girder 2	183.1858	0.95	1	1	4.295485
Gravel Truck_str	BOBJ1	183.1858	Before	Right Exterior Girder	183.1858	0.95	1	1	4.508215
Gravel Truck_str	BOBJ1	183.1858	After	Left Exterior Girder	183.1858	0.95	1	1	10.085646
Gravel Truck_str	BOBJ1	183.1858	After	Interior Girder 1	183.1858	0.95	1	1	9.581664
Gravel Truck_str	BOBJ1	183.1858	After	Interior Girder 2	183.1858	0.95	1	1	9.581664
Gravel Truck_str	BOBJ1	183.1858	After	Right Exterior Girder	183.1858	0.95	1	1	10.085646

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelNonCompStrgth-Flx - Main Span Girders									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Gravel Truck_str	BOBJ1	191.25	Before	Left Exterior Girder	191.25	0.95	1	1	8.149566
Gravel Truck_str	BOBJ1	191.25	Before	Interior Girder 1	191.25	0.95	1	1	7.608645
Gravel Truck_str	BOBJ1	191.25	Before	Interior Girder 2	191.25	0.95	1	1	7.608645
Gravel Truck_str	BOBJ1	191.25	Before	Right Exterior Girder	191.25	0.95	1	1	8.149566
Gravel Truck_str	BOBJ1	191.25	After	Left Exterior Girder	191.25	0.95	1	1	8.171931
Gravel Truck_str	BOBJ1	191.25	After	Interior Girder 1	191.25	0.95	1	1	7.592376
Gravel Truck_str	BOBJ1	191.25	After	Interior Girder 2	191.25	0.95	1	1	7.592377
Gravel Truck_str	BOBJ1	191.25	After	Right Exterior Girder	191.25	0.95	1	1	8.171931
Gravel Truck_str	BOBJ1	199.9414	Before	Left Exterior Girder	199.9414	0.95	1	1	6.03456
Gravel Truck_str	BOBJ1	199.9414	Before	Interior Girder 1	199.9414	0.95	1	1	5.551105
Gravel Truck_str	BOBJ1	199.9414	Before	Interior Girder 2	199.9414	0.95	1	1	5.551105
Gravel Truck_str	BOBJ1	199.9414	Before	Right Exterior Girder	199.9414	0.95	1	1	6.03456
Gravel Truck_str	BOBJ1	199.9414	After	Left Exterior Girder	199.9414	0.95	1	1	10.409499
Gravel Truck_str	BOBJ1	199.9414	After	Interior Girder 1	199.9414	0.95	1	1	9.572695
Gravel Truck_str	BOBJ1	199.9414	After	Interior Girder 2	199.9414	0.95	1	1	9.572695
Gravel Truck_str	BOBJ1	199.9414	After	Right Exterior Girder	199.9414	0.95	1	1	10.409499
Gravel Truck_str	BOBJ1	202.5	Before	Left Exterior Girder	202.5	0.95	1	1	9.495869
Gravel Truck_str	BOBJ1	202.5	Before	Interior Girder 1	202.5	0.95	1	1	8.91877
Gravel Truck_str	BOBJ1	202.5	Before	Interior Girder 2	202.5	0.95	1	1	8.91877
Gravel Truck_str	BOBJ1	202.5	Before	Right Exterior Girder	202.5	0.95	1	1	9.495869
Gravel Truck_str	BOBJ1	202.5	After	Left Exterior Girder	202.5	0.95	1	1	9.835915
Gravel Truck_str	BOBJ1	202.5	After	Interior Girder 1	202.5	0.95	1	1	9.016782
Gravel Truck_str	BOBJ1	202.5	After	Interior Girder 2	202.5	0.95	1	1	9.016782
Gravel Truck_str	BOBJ1	202.5	After	Right Exterior Girder	202.5	0.95	1	1	9.835915
Gravel Truck_str	BOBJ1	210.5642	Before	Left Exterior Girder	210.5642	0.95	1	1	7.1245
Gravel Truck_str	BOBJ1	210.5642	Before	Interior Girder 1	210.5642	0.95	1	1	6.77824
Gravel Truck_str	BOBJ1	210.5642	Before	Interior Girder 2	210.5642	0.95	1	1	6.77824
Gravel Truck_str	BOBJ1	210.5642	Before	Right Exterior Girder	210.5642	0.95	1	1	7.1245
Gravel Truck_str	BOBJ1	210.5642	After	Left Exterior Girder	210.5642	0.95	1	1	10.955433
Gravel Truck_str	BOBJ1	210.5642	After	Interior Girder 1	210.5642	0.95	1	1	10.454509
Gravel Truck_str	BOBJ1	210.5642	After	Interior Girder 2	210.5642	0.95	1	1	10.454509
Gravel Truck_str	BOBJ1	210.5642	After	Right Exterior Girder	210.5642	0.95	1	1	10.955433
Gravel Truck_str	BOBJ1	213.75	Before	Left Exterior Girder	213.75	0.95	1	1	9.752867
Gravel Truck_str	BOBJ1	213.75	Before	Interior Girder 1	213.75	0.95	1	1	9.164964
Gravel Truck_str	BOBJ1	213.75	Before	Interior Girder 2	213.75	0.95	1	1	9.164964
Gravel Truck_str	BOBJ1	213.75	Before	Right Exterior Girder	213.75	0.95	1	1	9.752866
Gravel Truck_str	BOBJ1	213.75	After	Left Exterior Girder	213.75	0.95	1	1	9.741592
Gravel Truck_str	BOBJ1	213.75	After	Interior Girder 1	213.75	0.95	1	1	9.146813
Gravel Truck_str	BOBJ1	213.75	After	Interior Girder 2	213.75	0.95	1	1	9.146812
Gravel Truck_str	BOBJ1	213.75	After	Right Exterior Girder	213.75	0.95	1	1	9.741592
Gravel Truck_str	BOBJ1	225	Before	Left Exterior Girder	225	0.95	1	1	5.868932
Gravel Truck_str	BOBJ1	225	Before	Interior Girder 1	225	0.95	1	1	5.265938
Gravel Truck_str	BOBJ1	225	Before	Interior Girder 2	225	0.95	1	1	5.265938
Gravel Truck_str	BOBJ1	225	Before	Right Exterior Girder	225	0.95	1	1	5.868932
Gravel Truck_str	BOBJ1	225	After	Left Exterior Girder	0	0.95	1	1	5.531106
Gravel Truck_str	BOBJ1	225	After	Interior Girder 1	0	0.95	1	1	5.056209
Gravel Truck_str	BOBJ1	225	After	Interior Girder 2	0	0.95	1	1	5.056209
Gravel Truck_str	BOBJ1	225	After	Right Exterior Girder	0	0.95	1	1	5.531106
Gravel Truck_str	BOBJ1	236.45	Before	Left Exterior Girder	11.45	0.95	1	1	9.827456
Gravel Truck_str	BOBJ1	236.45	Before	Interior Girder 1	11.45	0.95	1	1	9.728666
Gravel Truck_str	BOBJ1	236.45	Before	Interior Girder 2	11.45	0.95	1	1	9.728666
Gravel Truck_str	BOBJ1	236.45	Before	Right Exterior Girder	11.45	0.95	1	1	9.827456
Gravel Truck_str	BOBJ1	236.45	After	Left Exterior Girder	11.45	0.95	1	1	9.84808
Gravel Truck_str	BOBJ1	236.45	After	Interior Girder 1	11.45	0.95	1	1	9.733788
Gravel Truck_str	BOBJ1	236.45	After	Interior Girder 2	11.45	0.95	1	1	9.733788
Gravel Truck_str	BOBJ1	236.45	After	Right Exterior Girder	11.45	0.95	1	1	9.84808
Gravel Truck_str	BOBJ1	239.5082	Before	Left Exterior Girder	14.5082	0.95	1	1	11.313352
Gravel Truck_str	BOBJ1	239.5082	Before	Interior Girder 1	14.5082	0.95	1	1	11.249288
Gravel Truck_str	BOBJ1	239.5082	Before	Interior Girder 2	14.5082	0.95	1	1	11.249289
Gravel Truck_str	BOBJ1	239.5082	Before	Right Exterior Girder	14.5082	0.95	1	1	11.313352
Gravel Truck_str	BOBJ1	239.5082	After	Left Exterior Girder	14.5082	0.95	1	1	7.426918
Gravel Truck_str	BOBJ1	239.5082	After	Interior Girder 1	14.5082	0.95	1	1	7.382142
Gravel Truck_str	BOBJ1	239.5082	After	Interior Girder 2	14.5082	0.95	1	1	7.382143
Gravel Truck_str	BOBJ1	239.5082	After	Right Exterior Girder	14.5082	0.95	1	1	7.426918
Gravel Truck_str	BOBJ1	247.9	Before	Left Exterior Girder	22.9	0.95	1	1	11.322607
Gravel Truck_str	BOBJ1	247.9	Before	Interior Girder 1	22.9	0.95	1	1	11.144281
Gravel Truck_str	BOBJ1	247.9	Before	Interior Girder 2	22.9	0.95	1	1	11.14428
Gravel Truck_str	BOBJ1	247.9	Before	Right Exterior Girder	22.9	0.95	1	1	11.322607

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelNonCompStrgth-Flx - Main Span Girders									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Gravel Truck_str	BOBJ1	247.9	After	Left Exterior Girder	22.9	0.95	1	1	11.018439
Gravel Truck_str	BOBJ1	247.9	After	Interior Girder 1	22.9	0.95	1	1	11.133389
Gravel Truck_str	BOBJ1	247.9	After	Interior Girder 2	22.9	0.95	1	1	11.133389
Gravel Truck_str	BOBJ1	247.9	After	Right Exterior Girder	22.9	0.95	1	1	11.018439
Gravel Truck_str	BOBJ1	258.5189	Before	Left Exterior Girder	33.5189	0.95	1	1	15.760179
Gravel Truck_str	BOBJ1	258.5189	Before	Interior Girder 1	33.5189	0.95	1	1	14.688616
Gravel Truck_str	BOBJ1	258.5189	Before	Interior Girder 2	33.5189	0.95	1	1	14.688615
Gravel Truck_str	BOBJ1	258.5189	Before	Right Exterior Girder	33.5189	0.95	1	1	15.760179
Gravel Truck_str	BOBJ1	258.5189	After	Left Exterior Girder	33.5189	0.95	1	1	10.721584
Gravel Truck_str	BOBJ1	258.5189	After	Interior Girder 1	33.5189	0.95	1	1	9.885732
Gravel Truck_str	BOBJ1	258.5189	After	Interior Girder 2	33.5189	0.95	1	1	9.885732
Gravel Truck_str	BOBJ1	258.5189	After	Right Exterior Girder	33.5189	0.95	1	1	10.721584
Gravel Truck_str	BOBJ1	259.3	Before	Left Exterior Girder	34.3	0.95	1	1	10.974744
Gravel Truck_str	BOBJ1	259.3	Before	Interior Girder 1	34.3	0.95	1	1	10.131173
Gravel Truck_str	BOBJ1	259.3	Before	Interior Girder 2	34.3	0.95	1	1	10.131173
Gravel Truck_str	BOBJ1	259.3	Before	Right Exterior Girder	34.3	0.95	1	1	10.974744
Gravel Truck_str	BOBJ1	259.3	After	Left Exterior Girder	34.3	0.95	1	1	10.967013
Gravel Truck_str	BOBJ1	259.3	After	Interior Girder 1	34.3	0.95	1	1	10.138071
Gravel Truck_str	BOBJ1	259.3	After	Interior Girder 2	34.3	0.95	1	1	10.138071
Gravel Truck_str	BOBJ1	259.3	After	Right Exterior Girder	34.3	0.95	1	1	10.967013
Gravel Truck_str	BOBJ1	266.1031	Before	Left Exterior Girder	41.1031	0.95	1	1	13.108168
Gravel Truck_str	BOBJ1	266.1031	Before	Interior Girder 1	41.1031	0.95	1	1	12.314915
Gravel Truck_str	BOBJ1	266.1031	Before	Interior Girder 2	41.1031	0.95	1	1	12.314915
Gravel Truck_str	BOBJ1	266.1031	Before	Right Exterior Girder	41.1031	0.95	1	1	13.108168
Gravel Truck_str	BOBJ1	266.1031	After	Left Exterior Girder	41.1031	0.95	1	1	6.788295
Gravel Truck_str	BOBJ1	266.1031	After	Interior Girder 1	41.1031	0.95	1	1	6.384262
Gravel Truck_str	BOBJ1	266.1031	After	Interior Girder 2	41.1031	0.95	1	1	6.384262
Gravel Truck_str	BOBJ1	266.1031	After	Right Exterior Girder	41.1031	0.95	1	1	6.788295
Gravel Truck_str	BOBJ1	270.7	Before	Left Exterior Girder	45.7	0.95	1	1	8.136145
Gravel Truck_str	BOBJ1	270.7	Before	Interior Girder 1	45.7	0.95	1	1	7.732927
Gravel Truck_str	BOBJ1	270.7	Before	Interior Girder 2	45.7	0.95	1	1	7.732927
Gravel Truck_str	BOBJ1	270.7	Before	Right Exterior Girder	45.7	0.95	1	1	8.136145
Gravel Truck_str	BOBJ1	270.7	After	Left Exterior Girder	45.7	0.95	1	1	9.539721
Gravel Truck_str	BOBJ1	270.7	After	Interior Girder 1	45.7	0.95	1	1	9.063679
Gravel Truck_str	BOBJ1	270.7	After	Interior Girder 2	45.7	0.95	1	1	9.063679
Gravel Truck_str	BOBJ1	270.7	After	Right Exterior Girder	45.7	0.95	1	1	9.539721
Gravel Truck_str	BOBJ1	273.6874	Before	Left Exterior Girder	48.6874	0.95	1	1	10.451239
Gravel Truck_str	BOBJ1	273.6874	Before	Interior Girder 1	48.6874	0.95	1	1	9.96947
Gravel Truck_str	BOBJ1	273.6874	Before	Interior Girder 2	48.6874	0.95	1	1	9.96947
Gravel Truck_str	BOBJ1	273.6874	Before	Right Exterior Girder	48.6874	0.95	1	1	10.451239
Gravel Truck_str	BOBJ1	273.6874	After	Left Exterior Girder	48.6874	0.95	1	1	4.498824
Gravel Truck_str	BOBJ1	273.6874	After	Interior Girder 1	48.6874	0.95	1	1	4.322101
Gravel Truck_str	BOBJ1	273.6874	After	Interior Girder 2	48.6874	0.95	1	1	4.322101
Gravel Truck_str	BOBJ1	273.6874	After	Right Exterior Girder	48.6874	0.95	1	1	4.498824
Gravel Truck_str	BOBJ1	282.15	Before	Left Exterior Girder	57.15	0.95	1	1	6.895054
Gravel Truck_str	BOBJ1	282.15	Before	Interior Girder 1	57.15	0.95	1	1	6.671704
Gravel Truck_str	BOBJ1	282.15	Before	Interior Girder 2	57.15	0.95	1	1	6.671704
Gravel Truck_str	BOBJ1	282.15	Before	Right Exterior Girder	57.15	0.95	1	1	6.895054
Gravel Truck_str	BOBJ1	282.15	After	Left Exterior Girder	57.15	0.95	1	1	6.885193
Gravel Truck_str	BOBJ1	282.15	After	Interior Girder 1	57.15	0.95	1	1	6.686864
Gravel Truck_str	BOBJ1	282.15	After	Interior Girder 2	57.15	0.95	1	1	6.686864
Gravel Truck_str	BOBJ1	282.15	After	Right Exterior Girder	57.15	0.95	1	1	6.885193
Gravel Truck_str	BOBJ1	293.6	Before	Left Exterior Girder	68.6	0.95	1	1	5.095553
Gravel Truck_str	BOBJ1	293.6	Before	Interior Girder 1	68.6	0.95	1	1	4.03057
Gravel Truck_str	BOBJ1	293.6	Before	Interior Girder 2	68.6	0.95	1	1	4.03057
Gravel Truck_str	BOBJ1	293.6	Before	Right Exterior Girder	68.6	0.95	1	1	5.095553
Gravel Truck_str	BOBJ1	293.6	After	Left Exterior Girder	68.6	0.95	1	1	5.265217
Gravel Truck_str	BOBJ1	293.6	After	Interior Girder 1	68.6	0.95	1	1	4.103376
Gravel Truck_str	BOBJ1	293.6	After	Interior Girder 2	68.6	0.95	1	1	4.103377
Gravel Truck_str	BOBJ1	293.6	After	Right Exterior Girder	68.6	0.95	1	1	5.265217
Gravel Truck_str	BOBJ1	305	Before	Left Exterior Girder	80	0.95	1	1	2.862437
Gravel Truck_str	BOBJ1	305	Before	Interior Girder 1	80	0.95	1	1	2.284896
Gravel Truck_str	BOBJ1	305	Before	Interior Girder 2	80	0.95	1	1	2.284896
Gravel Truck_str	BOBJ1	305	Before	Right Exterior Girder	80	0.95	1	1	2.862437
Gravel Truck_str	BOBJ1	305	After	Left Exterior Girder	80	0.95	1	1	2.861209
Gravel Truck_str	BOBJ1	305	After	Interior Girder 1	80	0.95	1	1	2.283714
Gravel Truck_str	BOBJ1	305	After	Interior Girder 2	80	0.95	1	1	2.283714
Gravel Truck_str	BOBJ1	305	After	Right Exterior Girder	80	0.95	1	1	2.861209

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelINonCompStrgth-Flx - Main Span Girders									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Gravel Truck_str	BOBJ1	306.9561	Before	Left Exterior Girder	81.9561	0.95	1	1	2.537533
Gravel Truck_str	BOBJ1	306.9561	Before	Interior Girder 1	81.9561	0.95	1	1	2.047085
Gravel Truck_str	BOBJ1	306.9561	Before	Interior Girder 2	81.9561	0.95	1	1	2.047085
Gravel Truck_str	BOBJ1	306.9561	Before	Right Exterior Girder	81.9561	0.95	1	1	2.537533
Gravel Truck_str	BOBJ1	306.9561	After	Left Exterior Girder	81.9561	0.95	1	1	6.638862
Gravel Truck_str	BOBJ1	306.9561	After	Interior Girder 1	81.9561	0.95	1	1	5.419886
Gravel Truck_str	BOBJ1	306.9561	After	Interior Girder 2	81.9561	0.95	1	1	5.419886
Gravel Truck_str	BOBJ1	306.9561	After	Right Exterior Girder	81.9561	0.95	1	1	6.638862
Gravel Truck_str	BOBJ1	316.4	Before	Left Exterior Girder	91.4	0.95	1	1	4.889065
Gravel Truck_str	BOBJ1	316.4	Before	Interior Girder 1	91.4	0.95	1	1	4.147271
Gravel Truck_str	BOBJ1	316.4	Before	Interior Girder 2	91.4	0.95	1	1	4.147271
Gravel Truck_str	BOBJ1	316.4	Before	Right Exterior Girder	91.4	0.95	1	1	4.889066
Gravel Truck_str	BOBJ1	316.4	After	Left Exterior Girder	91.4	0.95	1	1	4.949937
Gravel Truck_str	BOBJ1	316.4	After	Interior Girder 1	91.4	0.95	1	1	4.140807
Gravel Truck_str	BOBJ1	316.4	After	Interior Girder 2	91.4	0.95	1	1	4.140807
Gravel Truck_str	BOBJ1	316.4	After	Right Exterior Girder	91.4	0.95	1	1	4.949937
Gravel Truck_str	BOBJ1	327.85	Before	Left Exterior Girder	102.9679	0.95	1	1	3.551872
Gravel Truck_str	BOBJ1	327.85	Before	Interior Girder 1	102.9679	0.95	1	1	2.991021
Gravel Truck_str	BOBJ1	327.85	Before	Interior Girder 2	102.9679	0.95	1	1	2.991022
Gravel Truck_str	BOBJ1	327.85	Before	Right Exterior Girder	102.9679	0.95	1	1	3.551872
Gravel Truck_str	BOBJ1	327.85	After	Left Exterior Girder	102.9679	0.95	1	1	6.859489
Gravel Truck_str	BOBJ1	327.85	After	Interior Girder 1	102.9679	0.95	1	1	5.876843
Gravel Truck_str	BOBJ1	327.85	After	Interior Girder 2	102.9679	0.95	1	1	5.876844
Gravel Truck_str	BOBJ1	327.85	After	Right Exterior Girder	102.9679	0.95	1	1	6.859489
Gravel Truck_str	BOBJ1	339.3	Before	Left Exterior Girder	114.3	0.95	1	1	5.586392
Gravel Truck_str	BOBJ1	339.3	Before	Interior Girder 1	114.3	0.95	1	1	4.920212
Gravel Truck_str	BOBJ1	339.3	Before	Interior Girder 2	114.3	0.95	1	1	4.920212
Gravel Truck_str	BOBJ1	339.3	Before	Right Exterior Girder	114.3	0.95	1	1	5.586392
Gravel Truck_str	BOBJ1	339.3	After	Left Exterior Girder	114.3	0.95	1	1	5.622583
Gravel Truck_str	BOBJ1	339.3	After	Interior Girder 1	114.3	0.95	1	1	4.923299
Gravel Truck_str	BOBJ1	339.3	After	Interior Girder 2	114.3	0.95	1	1	4.923299
Gravel Truck_str	BOBJ1	339.3	After	Right Exterior Girder	114.3	0.95	1	1	5.622583
Gravel Truck_str	BOBJ1	350.7	Before	Left Exterior Girder	125.7	0.95	1	1	4.826013
Gravel Truck_str	BOBJ1	350.7	Before	Interior Girder 1	125.7	0.95	1	1	4.217551
Gravel Truck_str	BOBJ1	350.7	Before	Interior Girder 2	125.7	0.95	1	1	4.217551
Gravel Truck_str	BOBJ1	350.7	Before	Right Exterior Girder	125.7	0.95	1	1	4.826013
Gravel Truck_str	BOBJ1	350.7	After	Left Exterior Girder	125.7	0.95	1	1	4.823223
Gravel Truck_str	BOBJ1	350.7	After	Interior Girder 1	125.7	0.95	1	1	4.221395
Gravel Truck_str	BOBJ1	350.7	After	Interior Girder 2	125.7	0.95	1	1	4.221395
Gravel Truck_str	BOBJ1	350.7	After	Right Exterior Girder	125.7	0.95	1	1	4.823223
Gravel Truck_str	BOBJ1	362.1	Before	Left Exterior Girder	137.1	0.95	1	1	4.274816
Gravel Truck_str	BOBJ1	362.1	Before	Interior Girder 1	137.1	0.95	1	1	3.810351
Gravel Truck_str	BOBJ1	362.1	Before	Interior Girder 2	137.1	0.95	1	1	3.810351
Gravel Truck_str	BOBJ1	362.1	Before	Right Exterior Girder	137.1	0.95	1	1	4.274816
Gravel Truck_str	BOBJ1	362.1	After	Left Exterior Girder	137.1	0.95	1	1	4.29406
Gravel Truck_str	BOBJ1	362.1	After	Interior Girder 1	137.1	0.95	1	1	3.817685
Gravel Truck_str	BOBJ1	362.1	After	Interior Girder 2	137.1	0.95	1	1	3.817685
Gravel Truck_str	BOBJ1	362.1	After	Right Exterior Girder	137.1	0.95	1	1	4.29406
Gravel Truck_str	BOBJ1	373.55	Before	Left Exterior Girder	148.55	0.95	1	1	4.018744
Gravel Truck_str	BOBJ1	373.55	Before	Interior Girder 1	148.55	0.95	1	1	3.550454
Gravel Truck_str	BOBJ1	373.55	Before	Interior Girder 2	148.55	0.95	1	1	3.550454
Gravel Truck_str	BOBJ1	373.55	Before	Right Exterior Girder	148.55	0.95	1	1	4.018744
Gravel Truck_str	BOBJ1	373.55	After	Left Exterior Girder	148.55	0.95	1	1	4.016936
Gravel Truck_str	BOBJ1	373.55	After	Interior Girder 1	148.55	0.95	1	1	3.552933
Gravel Truck_str	BOBJ1	373.55	After	Interior Girder 2	148.55	0.95	1	1	3.552933
Gravel Truck_str	BOBJ1	373.55	After	Right Exterior Girder	148.55	0.95	1	1	4.016936
Gravel Truck_str	BOBJ1	385	Before	Left Exterior Girder	160	0.95	1	1	3.905967
Gravel Truck_str	BOBJ1	385	Before	Interior Girder 1	160	0.95	1	1	3.491936
Gravel Truck_str	BOBJ1	385	Before	Interior Girder 2	160	0.95	1	1	3.491936
Gravel Truck_str	BOBJ1	385	Before	Right Exterior Girder	160	0.95	1	1	3.905967
Gravel Truck_str	BOBJ1	385	After	Left Exterior Girder	160	0.95	1	1	3.905967
Gravel Truck_str	BOBJ1	385	After	Interior Girder 1	160	0.95	1	1	3.491936
Gravel Truck_str	BOBJ1	385	After	Interior Girder 2	160	0.95	1	1	3.491936
Gravel Truck_str	BOBJ1	385	After	Right Exterior Girder	160	0.95	1	1	3.905967
Gravel Truck_str	BOBJ1	396.45	Before	Left Exterior Girder	171.45	0.95	1	1	4.016936
Gravel Truck_str	BOBJ1	396.45	Before	Interior Girder 1	171.45	0.95	1	1	3.552933
Gravel Truck_str	BOBJ1	396.45	Before	Interior Girder 2	171.45	0.95	1	1	3.552933
Gravel Truck_str	BOBJ1	396.45	Before	Right Exterior Girder	171.45	0.95	1	1	4.016936

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelINonCompStrgth-Flx - Main Span Girders

Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Gravel Truck_str	BOBJ1	396.45	After	Left Exterior Girder	171.45	0.95	1	1	4.018744
Gravel Truck_str	BOBJ1	396.45	After	Interior Girder 1	171.45	0.95	1	1	3.550454
Gravel Truck_str	BOBJ1	396.45	After	Interior Girder 2	171.45	0.95	1	1	3.550454
Gravel Truck_str	BOBJ1	396.45	After	Right Exterior Girder	171.45	0.95	1	1	4.018744
Gravel Truck_str	BOBJ1	407.9	Before	Left Exterior Girder	182.9	0.95	1	1	4.29406
Gravel Truck_str	BOBJ1	407.9	Before	Interior Girder 1	182.9	0.95	1	1	3.817685
Gravel Truck_str	BOBJ1	407.9	Before	Interior Girder 2	182.9	0.95	1	1	3.817685
Gravel Truck_str	BOBJ1	407.9	Before	Right Exterior Girder	182.9	0.95	1	1	4.29406
Gravel Truck_str	BOBJ1	407.9	After	Left Exterior Girder	182.9	0.95	1	1	4.274816
Gravel Truck_str	BOBJ1	407.9	After	Interior Girder 1	182.9	0.95	1	1	3.810351
Gravel Truck_str	BOBJ1	407.9	After	Interior Girder 2	182.9	0.95	1	1	3.810351
Gravel Truck_str	BOBJ1	407.9	After	Right Exterior Girder	182.9	0.95	1	1	4.274816
Gravel Truck_str	BOBJ1	419.3	Before	Left Exterior Girder	194.3	0.95	1	1	4.823223
Gravel Truck_str	BOBJ1	419.3	Before	Interior Girder 1	194.3	0.95	1	1	4.221395
Gravel Truck_str	BOBJ1	419.3	Before	Interior Girder 2	194.3	0.95	1	1	4.221395
Gravel Truck_str	BOBJ1	419.3	Before	Right Exterior Girder	194.3	0.95	1	1	4.823223
Gravel Truck_str	BOBJ1	419.3	After	Left Exterior Girder	194.3	0.95	1	1	4.826013
Gravel Truck_str	BOBJ1	419.3	After	Interior Girder 1	194.3	0.95	1	1	4.217551
Gravel Truck_str	BOBJ1	419.3	After	Interior Girder 2	194.3	0.95	1	1	4.217551
Gravel Truck_str	BOBJ1	419.3	After	Right Exterior Girder	194.3	0.95	1	1	4.826013
Gravel Truck_str	BOBJ1	430.7	Before	Left Exterior Girder	205.7	0.95	1	1	5.622583
Gravel Truck_str	BOBJ1	430.7	Before	Interior Girder 1	205.7	0.95	1	1	4.923298
Gravel Truck_str	BOBJ1	430.7	Before	Interior Girder 2	205.7	0.95	1	1	4.923298
Gravel Truck_str	BOBJ1	430.7	Before	Right Exterior Girder	205.7	0.95	1	1	5.622583
Gravel Truck_str	BOBJ1	430.7	After	Left Exterior Girder	205.7	0.95	1	1	5.586392
Gravel Truck_str	BOBJ1	430.7	After	Interior Girder 1	205.7	0.95	1	1	4.920212
Gravel Truck_str	BOBJ1	430.7	After	Interior Girder 2	205.7	0.95	1	1	4.920211
Gravel Truck_str	BOBJ1	430.7	After	Right Exterior Girder	205.7	0.95	1	1	5.586392
Gravel Truck_str	BOBJ1	442.15	Before	Left Exterior Girder	217.0321	0.95	1	1	6.848264
Gravel Truck_str	BOBJ1	442.15	Before	Interior Girder 1	217.0321	0.95	1	1	5.876999
Gravel Truck_str	BOBJ1	442.15	Before	Interior Girder 2	217.0321	0.95	1	1	5.876999
Gravel Truck_str	BOBJ1	442.15	Before	Right Exterior Girder	217.0321	0.95	1	1	6.848264
Gravel Truck_str	BOBJ1	442.15	After	Left Exterior Girder	217.0321	0.95	1	1	3.54695
Gravel Truck_str	BOBJ1	442.15	After	Interior Girder 1	217.0321	0.95	1	1	2.990175
Gravel Truck_str	BOBJ1	442.15	After	Interior Girder 2	217.0321	0.95	1	1	2.990175
Gravel Truck_str	BOBJ1	442.15	After	Right Exterior Girder	217.0321	0.95	1	1	3.54695
Gravel Truck_str	BOBJ1	453.6	Before	Left Exterior Girder	228.6	0.95	1	1	4.949937
Gravel Truck_str	BOBJ1	453.6	Before	Interior Girder 1	228.6	0.95	1	1	4.140807
Gravel Truck_str	BOBJ1	453.6	Before	Interior Girder 2	228.6	0.95	1	1	4.140807
Gravel Truck_str	BOBJ1	453.6	Before	Right Exterior Girder	228.6	0.95	1	1	4.949937
Gravel Truck_str	BOBJ1	453.6	After	Left Exterior Girder	228.6	0.95	1	1	4.889065
Gravel Truck_str	BOBJ1	453.6	After	Interior Girder 1	228.6	0.95	1	1	4.147271
Gravel Truck_str	BOBJ1	453.6	After	Interior Girder 2	228.6	0.95	1	1	4.147271
Gravel Truck_str	BOBJ1	453.6	After	Right Exterior Girder	228.6	0.95	1	1	4.889065
Gravel Truck_str	BOBJ1	463.0439	Before	Left Exterior Girder	238.0439	0.95	1	1	6.619571
Gravel Truck_str	BOBJ1	463.0439	Before	Interior Girder 1	238.0439	0.95	1	1	5.419837
Gravel Truck_str	BOBJ1	463.0439	Before	Interior Girder 2	238.0439	0.95	1	1	5.419837
Gravel Truck_str	BOBJ1	463.0439	Before	Right Exterior Girder	238.0439	0.95	1	1	6.61957
Gravel Truck_str	BOBJ1	463.0439	After	Left Exterior Girder	238.0439	0.95	1	1	2.530954
Gravel Truck_str	BOBJ1	463.0439	After	Interior Girder 1	238.0439	0.95	1	1	2.046231
Gravel Truck_str	BOBJ1	463.0439	After	Interior Girder 2	238.0439	0.95	1	1	2.046231
Gravel Truck_str	BOBJ1	463.0439	After	Right Exterior Girder	238.0439	0.95	1	1	2.530954
Gravel Truck_str	BOBJ1	465	Before	Left Exterior Girder	240	0.95	1	1	2.861209
Gravel Truck_str	BOBJ1	465	Before	Interior Girder 1	240	0.95	1	1	2.283714
Gravel Truck_str	BOBJ1	465	Before	Interior Girder 2	240	0.95	1	1	2.283714
Gravel Truck_str	BOBJ1	465	Before	Right Exterior Girder	240	0.95	1	1	2.861208
Gravel Truck_str	BOBJ1	465	After	Left Exterior Girder	240	0.95	1	1	2.862437
Gravel Truck_str	BOBJ1	465	After	Interior Girder 1	240	0.95	1	1	2.284896
Gravel Truck_str	BOBJ1	465	After	Interior Girder 2	240	0.95	1	1	2.284896
Gravel Truck_str	BOBJ1	465	After	Right Exterior Girder	240	0.95	1	1	2.862436
Gravel Truck_str	BOBJ1	476.4	Before	Left Exterior Girder	251.4	0.95	1	1	5.265217
Gravel Truck_str	BOBJ1	476.4	Before	Interior Girder 1	251.4	0.95	1	1	4.103377
Gravel Truck_str	BOBJ1	476.4	Before	Interior Girder 2	251.4	0.95	1	1	4.103377
Gravel Truck_str	BOBJ1	476.4	Before	Right Exterior Girder	251.4	0.95	1	1	5.265217
Gravel Truck_str	BOBJ1	476.4	After	Left Exterior Girder	251.4	0.95	1	1	5.095552
Gravel Truck_str	BOBJ1	476.4	After	Interior Girder 1	251.4	0.95	1	1	4.03057
Gravel Truck_str	BOBJ1	476.4	After	Interior Girder 2	251.4	0.95	1	1	4.030571
Gravel Truck_str	BOBJ1	476.4	After	Right Exterior Girder	251.4	0.95	1	1	5.095552

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelINonCompStrgth-Flx - Main Span Girders									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Gravel Truck_str	BOBJ1	487.85	Before	Left Exterior Girder	262.85	0.95	1	1	6.541828
Gravel Truck_str	BOBJ1	487.85	Before	Interior Girder 1	262.85	0.95	1	1	6.429994
Gravel Truck_str	BOBJ1	487.85	Before	Interior Girder 2	262.85	0.95	1	1	6.429994
Gravel Truck_str	BOBJ1	487.85	Before	Right Exterior Girder	262.85	0.95	1	1	6.541828
Gravel Truck_str	BOBJ1	487.85	After	Left Exterior Girder	262.85	0.95	1	1	6.551931
Gravel Truck_str	BOBJ1	487.85	After	Interior Girder 1	262.85	0.95	1	1	6.420078
Gravel Truck_str	BOBJ1	487.85	After	Interior Girder 2	262.85	0.95	1	1	6.420078
Gravel Truck_str	BOBJ1	487.85	After	Right Exterior Girder	262.85	0.95	1	1	6.551931
Gravel Truck_str	BOBJ1	496.3126	Before	Left Exterior Girder	271.3126	0.95	1	1	4.169868
Gravel Truck_str	BOBJ1	496.3126	Before	Interior Girder 1	271.3126	0.95	1	1	4.074024
Gravel Truck_str	BOBJ1	496.3126	Before	Interior Girder 2	271.3126	0.95	1	1	4.074024
Gravel Truck_str	BOBJ1	496.3126	Before	Right Exterior Girder	271.3126	0.95	1	1	4.169869
Gravel Truck_str	BOBJ1	496.3126	After	Left Exterior Girder	271.3126	0.95	1	1	10.455115
Gravel Truck_str	BOBJ1	496.3126	After	Interior Girder 1	271.3126	0.95	1	1	9.97769
Gravel Truck_str	BOBJ1	496.3126	After	Interior Girder 2	271.3126	0.95	1	1	9.97769
Gravel Truck_str	BOBJ1	496.3126	After	Right Exterior Girder	271.3126	0.95	1	1	10.455115
Gravel Truck_str	BOBJ1	499.3	Before	Left Exterior Girder	274.3	0.95	1	1	9.539721
Gravel Truck_str	BOBJ1	499.3	Before	Interior Girder 1	274.3	0.95	1	1	9.063679
Gravel Truck_str	BOBJ1	499.3	Before	Interior Girder 2	274.3	0.95	1	1	9.063679
Gravel Truck_str	BOBJ1	499.3	Before	Right Exterior Girder	274.3	0.95	1	1	9.539721
Gravel Truck_str	BOBJ1	499.3	After	Left Exterior Girder	274.3	0.95	1	1	8.136144
Gravel Truck_str	BOBJ1	499.3	After	Interior Girder 1	274.3	0.95	1	1	7.732927
Gravel Truck_str	BOBJ1	499.3	After	Interior Girder 2	274.3	0.95	1	1	7.732927
Gravel Truck_str	BOBJ1	499.3	After	Right Exterior Girder	274.3	0.95	1	1	8.136144
Gravel Truck_str	BOBJ1	503.8969	Before	Left Exterior Girder	278.8969	0.95	1	1	6.788294
Gravel Truck_str	BOBJ1	503.8969	Before	Interior Girder 1	278.8969	0.95	1	1	6.384262
Gravel Truck_str	BOBJ1	503.8969	Before	Interior Girder 2	278.8969	0.95	1	1	6.384262
Gravel Truck_str	BOBJ1	503.8969	Before	Right Exterior Girder	278.8969	0.95	1	1	6.788294
Gravel Truck_str	BOBJ1	503.8969	After	Left Exterior Girder	278.8969	0.95	1	1	13.108168
Gravel Truck_str	BOBJ1	503.8969	After	Interior Girder 1	278.8969	0.95	1	1	12.314915
Gravel Truck_str	BOBJ1	503.8969	After	Interior Girder 2	278.8969	0.95	1	1	12.314914
Gravel Truck_str	BOBJ1	503.8969	After	Right Exterior Girder	278.8969	0.95	1	1	13.108168
Gravel Truck_str	BOBJ1	510.7	Before	Left Exterior Girder	285.7	0.95	1	1	10.967013
Gravel Truck_str	BOBJ1	510.7	Before	Interior Girder 1	285.7	0.95	1	1	10.138071
Gravel Truck_str	BOBJ1	510.7	Before	Interior Girder 2	285.7	0.95	1	1	10.138071
Gravel Truck_str	BOBJ1	510.7	Before	Right Exterior Girder	285.7	0.95	1	1	10.967013
Gravel Truck_str	BOBJ1	510.7	After	Left Exterior Girder	285.7	0.95	1	1	10.974744
Gravel Truck_str	BOBJ1	510.7	After	Interior Girder 1	285.7	0.95	1	1	10.131173
Gravel Truck_str	BOBJ1	510.7	After	Interior Girder 2	285.7	0.95	1	1	10.131173
Gravel Truck_str	BOBJ1	510.7	After	Right Exterior Girder	285.7	0.95	1	1	10.974744
Gravel Truck_str	BOBJ1	511.4811	Before	Left Exterior Girder	286.4811	0.95	1	1	10.723258
Gravel Truck_str	BOBJ1	511.4811	Before	Interior Girder 1	286.4811	0.95	1	1	9.891345
Gravel Truck_str	BOBJ1	511.4811	Before	Interior Girder 2	286.4811	0.95	1	1	9.891345
Gravel Truck_str	BOBJ1	511.4811	Before	Right Exterior Girder	286.4811	0.95	1	1	10.723258
Gravel Truck_str	BOBJ1	511.4811	After	Left Exterior Girder	286.4811	0.95	1	1	15.802293
Gravel Truck_str	BOBJ1	511.4811	After	Interior Girder 1	286.4811	0.95	1	1	14.695457
Gravel Truck_str	BOBJ1	511.4811	After	Interior Girder 2	286.4811	0.95	1	1	14.695457
Gravel Truck_str	BOBJ1	511.4811	After	Right Exterior Girder	286.4811	0.95	1	1	15.802293
Gravel Truck_str	BOBJ1	522.1	Before	Left Exterior Girder	297.1	0.95	1	1	11.01844
Gravel Truck_str	BOBJ1	522.1	Before	Interior Girder 1	297.1	0.95	1	1	11.133389
Gravel Truck_str	BOBJ1	522.1	Before	Interior Girder 2	297.1	0.95	1	1	11.133389
Gravel Truck_str	BOBJ1	522.1	Before	Right Exterior Girder	297.1	0.95	1	1	11.018439
Gravel Truck_str	BOBJ1	522.1	After	Left Exterior Girder	297.1	0.95	1	1	11.322608
Gravel Truck_str	BOBJ1	522.1	After	Interior Girder 1	297.1	0.95	1	1	11.14428
Gravel Truck_str	BOBJ1	522.1	After	Interior Girder 2	297.1	0.95	1	1	11.14428
Gravel Truck_str	BOBJ1	522.1	After	Right Exterior Girder	297.1	0.95	1	1	11.322608
Gravel Truck_str	BOBJ1	530.4918	Before	Left Exterior Girder	305.4918	0.95	1	1	7.426919
Gravel Truck_str	BOBJ1	530.4918	Before	Interior Girder 1	305.4918	0.95	1	1	7.382142
Gravel Truck_str	BOBJ1	530.4918	Before	Interior Girder 2	305.4918	0.95	1	1	7.382143
Gravel Truck_str	BOBJ1	530.4918	Before	Right Exterior Girder	305.4918	0.95	1	1	7.426919
Gravel Truck_str	BOBJ1	530.4918	After	Left Exterior Girder	305.4918	0.95	1	1	11.313353
Gravel Truck_str	BOBJ1	530.4918	After	Interior Girder 1	305.4918	0.95	1	1	11.249288
Gravel Truck_str	BOBJ1	530.4918	After	Interior Girder 2	305.4918	0.95	1	1	11.249289
Gravel Truck_str	BOBJ1	530.4918	After	Right Exterior Girder	305.4918	0.95	1	1	11.313352
Gravel Truck_str	BOBJ1	533.55	Before	Left Exterior Girder	308.55	0.95	1	1	9.848081
Gravel Truck_str	BOBJ1	533.55	Before	Interior Girder 1	308.55	0.95	1	1	9.733788
Gravel Truck_str	BOBJ1	533.55	Before	Interior Girder 2	308.55	0.95	1	1	9.733788
Gravel Truck_str	BOBJ1	533.55	Before	Right Exterior Girder	308.55	0.95	1	1	9.84808

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelINonCompStrgth-Flx - Main Span Girders									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Gravel Truck_str	BOBJ1	533.55	After	Left Exterior Girder	308.55	0.95	1	1	9.827457
Gravel Truck_str	BOBJ1	533.55	After	Interior Girder 1	308.55	0.95	1	1	9.728665
Gravel Truck_str	BOBJ1	533.55	After	Interior Girder 2	308.55	0.95	1	1	9.728666
Gravel Truck_str	BOBJ1	533.55	After	Right Exterior Girder	308.55	0.95	1	1	9.827456
Gravel Truck_str	BOBJ1	545	Before	Left Exterior Girder	320	0.95	1	1	5.531106
Gravel Truck_str	BOBJ1	545	Before	Interior Girder 1	320	0.95	1	1	5.056209
Gravel Truck_str	BOBJ1	545	Before	Interior Girder 2	320	0.95	1	1	5.056209
Gravel Truck_str	BOBJ1	545	Before	Right Exterior Girder	320	0.95	1	1	5.531106
Gravel Truck_str	BOBJ1	545	After	Left Exterior Girder	0	0.95	1	1	5.868932
Gravel Truck_str	BOBJ1	545	After	Interior Girder 1	0	0.95	1	1	5.267374
Gravel Truck_str	BOBJ1	545	After	Interior Girder 2	0	0.95	1	1	5.267374
Gravel Truck_str	BOBJ1	545	After	Right Exterior Girder	0	0.95	1	1	5.868932
Gravel Truck_str	BOBJ1	556.25	Before	Left Exterior Girder	11.25	0.95	1	1	9.741592
Gravel Truck_str	BOBJ1	556.25	Before	Interior Girder 1	11.25	0.95	1	1	9.146812
Gravel Truck_str	BOBJ1	556.25	Before	Interior Girder 2	11.25	0.95	1	1	9.146812
Gravel Truck_str	BOBJ1	556.25	Before	Right Exterior Girder	11.25	0.95	1	1	9.741592
Gravel Truck_str	BOBJ1	556.25	After	Left Exterior Girder	11.25	0.95	1	1	9.752867
Gravel Truck_str	BOBJ1	556.25	After	Interior Girder 1	11.25	0.95	1	1	9.164964
Gravel Truck_str	BOBJ1	556.25	After	Interior Girder 2	11.25	0.95	1	1	9.164964
Gravel Truck_str	BOBJ1	556.25	After	Right Exterior Girder	11.25	0.95	1	1	9.752866
Gravel Truck_str	BOBJ1	559.4358	Before	Left Exterior Girder	14.4358	0.95	1	1	10.955433
Gravel Truck_str	BOBJ1	559.4358	Before	Interior Girder 1	14.4358	0.95	1	1	10.454509
Gravel Truck_str	BOBJ1	559.4358	Before	Interior Girder 2	14.4358	0.95	1	1	10.454509
Gravel Truck_str	BOBJ1	559.4358	Before	Right Exterior Girder	14.4358	0.95	1	1	10.955433
Gravel Truck_str	BOBJ1	559.4358	After	Left Exterior Girder	14.4358	0.95	1	1	7.1245
Gravel Truck_str	BOBJ1	559.4358	After	Interior Girder 1	14.4358	0.95	1	1	6.77824
Gravel Truck_str	BOBJ1	559.4358	After	Interior Girder 2	14.4358	0.95	1	1	6.77824
Gravel Truck_str	BOBJ1	559.4358	After	Right Exterior Girder	14.4358	0.95	1	1	7.1245
Gravel Truck_str	BOBJ1	567.5	Before	Left Exterior Girder	22.5	0.95	1	1	9.835915
Gravel Truck_str	BOBJ1	567.5	Before	Interior Girder 1	22.5	0.95	1	1	9.016782
Gravel Truck_str	BOBJ1	567.5	Before	Interior Girder 2	22.5	0.95	1	1	9.016782
Gravel Truck_str	BOBJ1	567.5	Before	Right Exterior Girder	22.5	0.95	1	1	9.835915
Gravel Truck_str	BOBJ1	567.5	After	Left Exterior Girder	22.5	0.95	1	1	10.550667
Gravel Truck_str	BOBJ1	567.5	After	Interior Girder 1	22.5	0.95	1	1	9.829776
Gravel Truck_str	BOBJ1	567.5	After	Interior Girder 2	22.5	0.95	1	1	9.829776
Gravel Truck_str	BOBJ1	567.5	After	Right Exterior Girder	22.5	0.95	1	1	10.550666
Gravel Truck_str	BOBJ1	570.0586	Before	Left Exterior Girder	25.0586	0.95	1	1	11.514737
Gravel Truck_str	BOBJ1	570.0586	Before	Interior Girder 1	25.0586	0.95	1	1	10.493059
Gravel Truck_str	BOBJ1	570.0586	Before	Interior Girder 2	25.0586	0.95	1	1	10.493059
Gravel Truck_str	BOBJ1	570.0586	Before	Right Exterior Girder	25.0586	0.95	1	1	11.514737
Gravel Truck_str	BOBJ1	570.0586	After	Left Exterior Girder	25.0586	0.95	1	1	6.886734
Gravel Truck_str	BOBJ1	570.0586	After	Interior Girder 1	25.0586	0.95	1	1	6.263257
Gravel Truck_str	BOBJ1	570.0586	After	Interior Girder 2	25.0586	0.95	1	1	6.263257
Gravel Truck_str	BOBJ1	570.0586	After	Right Exterior Girder	25.0586	0.95	1	1	6.886734
Gravel Truck_str	BOBJ1	578.75	Before	Left Exterior Girder	33.75	0.95	1	1	9.062571
Gravel Truck_str	BOBJ1	578.75	Before	Interior Girder 1	33.75	0.95	1	1	8.350288
Gravel Truck_str	BOBJ1	578.75	Before	Interior Girder 2	33.75	0.95	1	1	8.350288
Gravel Truck_str	BOBJ1	578.75	Before	Right Exterior Girder	33.75	0.95	1	1	9.062571
Gravel Truck_str	BOBJ1	578.75	After	Left Exterior Girder	33.75	0.95	1	1	9.040809
Gravel Truck_str	BOBJ1	578.75	After	Interior Girder 1	33.75	0.95	1	1	8.36554
Gravel Truck_str	BOBJ1	578.75	After	Interior Girder 2	33.75	0.95	1	1	8.36554
Gravel Truck_str	BOBJ1	578.75	After	Right Exterior Girder	33.75	0.95	1	1	9.040808
Gravel Truck_str	BOBJ1	586.8142	Before	Left Exterior Girder	41.8142	0.95	1	1	11.019121
Gravel Truck_str	BOBJ1	586.8142	Before	Interior Girder 1	41.8142	0.95	1	1	10.373695
Gravel Truck_str	BOBJ1	586.8142	Before	Interior Girder 2	41.8142	0.95	1	1	10.373695
Gravel Truck_str	BOBJ1	586.8142	Before	Right Exterior Girder	41.8142	0.95	1	1	11.01912
Gravel Truck_str	BOBJ1	586.8142	After	Left Exterior Girder	41.8142	0.95	1	1	5.12081
Gravel Truck_str	BOBJ1	586.8142	After	Interior Girder 1	41.8142	0.95	1	1	4.816177
Gravel Truck_str	BOBJ1	586.8142	After	Interior Girder 2	41.8142	0.95	1	1	4.816177
Gravel Truck_str	BOBJ1	586.8142	After	Right Exterior Girder	41.8142	0.95	1	1	5.12081
Gravel Truck_str	BOBJ1	590	Before	Left Exterior Girder	45	0.95	1	1	5.814727
Gravel Truck_str	BOBJ1	590	Before	Interior Girder 1	45	0.95	1	1	5.514786
Gravel Truck_str	BOBJ1	590	Before	Interior Girder 2	45	0.95	1	1	5.514786
Gravel Truck_str	BOBJ1	590	Before	Right Exterior Girder	45	0.95	1	1	5.814727
Gravel Truck_str	BOBJ1	590	After	Left Exterior Girder	45	0.95	1	1	3.766531
Gravel Truck_str	BOBJ1	590	After	Interior Girder 1	45	0.95	1	1	3.597821
Gravel Truck_str	BOBJ1	590	After	Interior Girder 2	45	0.95	1	1	3.597821
Gravel Truck_str	BOBJ1	590	After	Right Exterior Girder	45	0.95	1	1	3.766531

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelNonCompStrgth-Flx - Main Span Girders

Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Gravel Truck_str	BOBJ1	601.25	Before	Left Exterior Girder	56.25	0.95	1	1	6.147565
Gravel Truck_str	BOBJ1	601.25	Before	Interior Girder 1	56.25	0.95	1	1	5.960878
Gravel Truck_str	BOBJ1	601.25	Before	Interior Girder 2	56.25	0.95	1	1	5.960878
Gravel Truck_str	BOBJ1	601.25	Before	Right Exterior Girder	56.25	0.95	1	1	6.147564
Gravel Truck_str	BOBJ1	601.25	After	Left Exterior Girder	56.25	0.95	1	1	6.13435
Gravel Truck_str	BOBJ1	601.25	After	Interior Girder 1	56.25	0.95	1	1	5.973021
Gravel Truck_str	BOBJ1	601.25	After	Interior Girder 2	56.25	0.95	1	1	5.973021
Gravel Truck_str	BOBJ1	601.25	After	Right Exterior Girder	56.25	0.95	1	1	6.13435
Gravel Truck_str	BOBJ1	601.7478	Before	Left Exterior Girder	56.7478	0.95	1	1	6.241989
Gravel Truck_str	BOBJ1	601.7478	Before	Interior Girder 1	56.7478	0.95	1	1	6.080944
Gravel Truck_str	BOBJ1	601.7478	Before	Interior Girder 2	56.7478	0.95	1	1	6.080944
Gravel Truck_str	BOBJ1	601.7478	Before	Right Exterior Girder	56.7478	0.95	1	1	6.241988
Gravel Truck_str	BOBJ1	601.7478	After	Left Exterior Girder	56.7478	0.95	1	1	1.984143
Gravel Truck_str	BOBJ1	601.7478	After	Interior Girder 1	56.7478	0.95	1	1	1.954062
Gravel Truck_str	BOBJ1	601.7478	After	Interior Girder 2	56.7478	0.95	1	1	1.954062
Gravel Truck_str	BOBJ1	601.7478	After	Right Exterior Girder	56.7478	0.95	1	1	1.984143
Gravel Truck_str	BOBJ1	612.5	Before	Left Exterior Girder	67.5	0.95	1	1	4.068925
Gravel Truck_str	BOBJ1	612.5	Before	Interior Girder 1	67.5	0.95	1	1	4.030966
Gravel Truck_str	BOBJ1	612.5	Before	Interior Girder 2	67.5	0.95	1	1	4.030966
Gravel Truck_str	BOBJ1	612.5	Before	Right Exterior Girder	67.5	0.95	1	1	4.068925
Gravel Truck_str	BOBJ1	612.5	After	Left Exterior Girder	67.5	0.95	1	1	5.726865
Gravel Truck_str	BOBJ1	612.5	After	Interior Girder 1	67.5	0.95	1	1	5.70291
Gravel Truck_str	BOBJ1	612.5	After	Interior Girder 2	67.5	0.95	1	1	5.70291
Gravel Truck_str	BOBJ1	612.5	After	Right Exterior Girder	67.5	0.95	1	1	5.726865
Gravel Truck_str	BOBJ1	623.75	Before	Left Exterior Girder	78.75	0.95	1	1	5.206452
Gravel Truck_str	BOBJ1	623.75	Before	Interior Girder 1	78.75	0.95	1	1	4.307013
Gravel Truck_str	BOBJ1	623.75	Before	Interior Girder 2	78.75	0.95	1	1	4.307013
Gravel Truck_str	BOBJ1	623.75	Before	Right Exterior Girder	78.75	0.95	1	1	5.206452
Gravel Truck_str	BOBJ1	623.75	After	Left Exterior Girder	78.75	0.95	1	1	5.209793
Gravel Truck_str	BOBJ1	623.75	After	Interior Girder 1	78.75	0.95	1	1	4.302823
Gravel Truck_str	BOBJ1	623.75	After	Interior Girder 2	78.75	0.95	1	1	4.302823
Gravel Truck_str	BOBJ1	623.75	After	Right Exterior Girder	78.75	0.95	1	1	5.209793
Gravel Truck_str	BOBJ1	635	Before	Left Exterior Girder	90	0.95	1	1	3.642856
Gravel Truck_str	BOBJ1	635	Before	Interior Girder 1	90	0.95	1	1	3.160701
Gravel Truck_str	BOBJ1	635	Before	Interior Girder 2	90	0.95	1	1	3.160701
Gravel Truck_str	BOBJ1	635	Before	Right Exterior Girder	90	0.95	1	1	3.642856
Gravel Truck_str	BOBJ1	635	After	Left Exterior Girder	90	0.95	1	1	3.70648
Gravel Truck_str	BOBJ1	635	After	Interior Girder 1	90	0.95	1	1	3.175431
Gravel Truck_str	BOBJ1	635	After	Interior Girder 2	90	0.95	1	1	3.175431
Gravel Truck_str	BOBJ1	635	After	Right Exterior Girder	90	0.95	1	1	3.70648
Gravel Truck_str	BOBJ1	643.5619	Before	Left Exterior Girder	98.5619	0.95	1	1	2.899598
Gravel Truck_str	BOBJ1	643.5619	Before	Interior Girder 1	98.5619	0.95	1	1	2.509985
Gravel Truck_str	BOBJ1	643.5619	Before	Interior Girder 2	98.5619	0.95	1	1	2.509984
Gravel Truck_str	BOBJ1	643.5619	Before	Right Exterior Girder	98.5619	0.95	1	1	2.899599
Gravel Truck_str	BOBJ1	643.5619	After	Left Exterior Girder	98.5619	0.95	1	1	5.48746
Gravel Truck_str	BOBJ1	643.5619	After	Interior Girder 1	98.5619	0.95	1	1	4.741811
Gravel Truck_str	BOBJ1	643.5619	After	Interior Girder 2	98.5619	0.95	1	1	4.741811
Gravel Truck_str	BOBJ1	643.5619	After	Right Exterior Girder	98.5619	0.95	1	1	5.48746
Gravel Truck_str	BOBJ1	646.25	Before	Left Exterior Girder	101.25	0.95	1	1	5.219299
Gravel Truck_str	BOBJ1	646.25	Before	Interior Girder 1	101.25	0.95	1	1	4.530254
Gravel Truck_str	BOBJ1	646.25	Before	Interior Girder 2	101.25	0.95	1	1	4.530253
Gravel Truck_str	BOBJ1	646.25	Before	Right Exterior Girder	101.25	0.95	1	1	5.219299
Gravel Truck_str	BOBJ1	646.25	After	Left Exterior Girder	101.25	0.95	1	1	5.216102
Gravel Truck_str	BOBJ1	646.25	After	Interior Girder 1	101.25	0.95	1	1	4.531343
Gravel Truck_str	BOBJ1	646.25	After	Interior Girder 2	101.25	0.95	1	1	4.531343
Gravel Truck_str	BOBJ1	646.25	After	Right Exterior Girder	101.25	0.95	1	1	5.216102
Gravel Truck_str	BOBJ1	657.5	Before	Left Exterior Girder	112.5	0.95	1	1	4.326711
Gravel Truck_str	BOBJ1	657.5	Before	Interior Girder 1	112.5	0.95	1	1	3.863453
Gravel Truck_str	BOBJ1	657.5	Before	Interior Girder 2	112.5	0.95	1	1	3.863452
Gravel Truck_str	BOBJ1	657.5	Before	Right Exterior Girder	112.5	0.95	1	1	4.326711
Gravel Truck_str	BOBJ1	657.5	After	Left Exterior Girder	112.5	0.95	1	1	4.353621
Gravel Truck_str	BOBJ1	657.5	After	Interior Girder 1	112.5	0.95	1	1	3.867075
Gravel Truck_str	BOBJ1	657.5	After	Interior Girder 2	112.5	0.95	1	1	3.867074
Gravel Truck_str	BOBJ1	657.5	After	Right Exterior Girder	112.5	0.95	1	1	4.35362
Gravel Truck_str	BOBJ1	668.75	Before	Left Exterior Girder	123.75	0.95	1	1	3.833082
Gravel Truck_str	BOBJ1	668.75	Before	Interior Girder 1	123.75	0.95	1	1	3.389402
Gravel Truck_str	BOBJ1	668.75	Before	Interior Girder 2	123.75	0.95	1	1	3.389402
Gravel Truck_str	BOBJ1	668.75	Before	Right Exterior Girder	123.75	0.95	1	1	3.833082

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelINonCompStrgth-Flx - Main Span Girders									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Gravel Truck_str	BOBJ1	668.75	After	Left Exterior Girder	123.75	0.95	1	1	3.838185
Gravel Truck_str	BOBJ1	668.75	After	Interior Girder 1	123.75	0.95	1	1	3.391516
Gravel Truck_str	BOBJ1	668.75	After	Interior Girder 2	123.75	0.95	1	1	3.391516
Gravel Truck_str	BOBJ1	668.75	After	Right Exterior Girder	123.75	0.95	1	1	3.838185
Gravel Truck_str	BOBJ1	680	Before	Left Exterior Girder	135	0.95	1	1	3.520059
Gravel Truck_str	BOBJ1	680	Before	Interior Girder 1	135	0.95	1	1	3.162364
Gravel Truck_str	BOBJ1	680	Before	Interior Girder 2	135	0.95	1	1	3.162364
Gravel Truck_str	BOBJ1	680	Before	Right Exterior Girder	135	0.95	1	1	3.520059
Gravel Truck_str	BOBJ1	680	After	Left Exterior Girder	135	0.95	1	1	3.518431
Gravel Truck_str	BOBJ1	680	After	Interior Girder 1	135	0.95	1	1	3.16856
Gravel Truck_str	BOBJ1	680	After	Interior Girder 2	135	0.95	1	1	3.16856
Gravel Truck_str	BOBJ1	680	After	Right Exterior Girder	135	0.95	1	1	3.518431
Gravel Truck_str	BOBJ1	691.25	Before	Left Exterior Girder	146.25	0.95	1	1	3.455131
Gravel Truck_str	BOBJ1	691.25	Before	Interior Girder 1	146.25	0.95	1	1	3.044554
Gravel Truck_str	BOBJ1	691.25	Before	Interior Girder 2	146.25	0.95	1	1	3.044554
Gravel Truck_str	BOBJ1	691.25	Before	Right Exterior Girder	146.25	0.95	1	1	3.455131
Gravel Truck_str	BOBJ1	691.25	After	Left Exterior Girder	146.25	0.95	1	1	3.458541
Gravel Truck_str	BOBJ1	691.25	After	Interior Girder 1	146.25	0.95	1	1	3.043057
Gravel Truck_str	BOBJ1	691.25	After	Interior Girder 2	146.25	0.95	1	1	3.043057
Gravel Truck_str	BOBJ1	691.25	After	Right Exterior Girder	146.25	0.95	1	1	3.458541
Gravel Truck_str	BOBJ1	702.5	Before	Left Exterior Girder	157.5	0.95	1	1	3.596553
Gravel Truck_str	BOBJ1	702.5	Before	Interior Girder 1	157.5	0.95	1	1	3.152942
Gravel Truck_str	BOBJ1	702.5	Before	Interior Girder 2	157.5	0.95	1	1	3.152942
Gravel Truck_str	BOBJ1	702.5	Before	Right Exterior Girder	157.5	0.95	1	1	3.596553
Gravel Truck_str	BOBJ1	702.5	After	Left Exterior Girder	157.5	0.95	1	1	3.565013
Gravel Truck_str	BOBJ1	702.5	After	Interior Girder 1	157.5	0.95	1	1	3.166797
Gravel Truck_str	BOBJ1	702.5	After	Interior Girder 2	157.5	0.95	1	1	3.166797
Gravel Truck_str	BOBJ1	702.5	After	Right Exterior Girder	157.5	0.95	1	1	3.565012
Gravel Truck_str	BOBJ1	713.75	Before	Left Exterior Girder	168.75	0.95	1	1	4.030583
Gravel Truck_str	BOBJ1	713.75	Before	Interior Girder 1	168.75	0.95	1	1	3.423991
Gravel Truck_str	BOBJ1	713.75	Before	Interior Girder 2	168.75	0.95	1	1	3.423991
Gravel Truck_str	BOBJ1	713.75	Before	Right Exterior Girder	168.75	0.95	1	1	4.030582
Gravel Truck_str	BOBJ1	713.75	After	Left Exterior Girder	168.75	0.95	1	1	4.031188
Gravel Truck_str	BOBJ1	713.75	After	Interior Girder 1	168.75	0.95	1	1	3.425445
Gravel Truck_str	BOBJ1	713.75	After	Interior Girder 2	168.75	0.95	1	1	3.425445
Gravel Truck_str	BOBJ1	713.75	After	Right Exterior Girder	168.75	0.95	1	1	4.031187
Gravel Truck_str	BOBJ1	725	Before	Left Exterior Girder	180	0.95	1	1	4.903559
Gravel Truck_str	BOBJ1	725	Before	Interior Girder 1	180	0.95	1	1	4.053016
Gravel Truck_str	BOBJ1	725	Before	Interior Girder 2	180	0.95	1	1	4.053016
Gravel Truck_str	BOBJ1	725	Before	Right Exterior Girder	180	0.95	1	1	4.903558
Gravel Truck_str	BOBJ1	725	After	Left Exterior Girder	180	0.95	1	1	4.854201
Gravel Truck_str	BOBJ1	725	After	Interior Girder 1	180	0.95	1	1	4.091402
Gravel Truck_str	BOBJ1	725	After	Interior Girder 2	180	0.95	1	1	4.091402
Gravel Truck_str	BOBJ1	725	After	Right Exterior Girder	180	0.95	1	1	4.854201
Gravel Truck_str	BOBJ1	731.1726	Before	Left Exterior Girder	186.1726	0.95	1	1	5.678122
Gravel Truck_str	BOBJ1	731.1726	Before	Interior Girder 1	186.1726	0.95	1	1	4.583031
Gravel Truck_str	BOBJ1	731.1726	Before	Interior Girder 2	186.1726	0.95	1	1	4.583031
Gravel Truck_str	BOBJ1	731.1726	Before	Right Exterior Girder	186.1726	0.95	1	1	5.678122
Gravel Truck_str	BOBJ1	731.1726	After	Left Exterior Girder	186.1726	0.95	1	1	2.438079
Gravel Truck_str	BOBJ1	731.1726	After	Interior Girder 1	186.1726	0.95	1	1	1.959932
Gravel Truck_str	BOBJ1	731.1726	After	Interior Girder 2	186.1726	0.95	1	1	1.959932
Gravel Truck_str	BOBJ1	731.1726	After	Right Exterior Girder	186.1726	0.95	1	1	2.438079
Gravel Truck_str	BOBJ1	736.25	Before	Left Exterior Girder	191.25	0.95	1	1	3.003836
Gravel Truck_str	BOBJ1	736.25	Before	Interior Girder 1	191.25	0.95	1	1	2.327255
Gravel Truck_str	BOBJ1	736.25	Before	Interior Girder 2	191.25	0.95	1	1	2.327255
Gravel Truck_str	BOBJ1	736.25	Before	Right Exterior Girder	191.25	0.95	1	1	3.003836
Gravel Truck_str	BOBJ1	736.25	After	Left Exterior Girder	191.25	0.95	1	1	2.994877
Gravel Truck_str	BOBJ1	736.25	After	Interior Girder 1	191.25	0.95	1	1	2.328106
Gravel Truck_str	BOBJ1	736.25	After	Interior Girder 2	191.25	0.95	1	1	2.328106
Gravel Truck_str	BOBJ1	736.25	After	Right Exterior Girder	191.25	0.95	1	1	2.994877
Gravel Truck_str	BOBJ1	747.5	Before	Left Exterior Girder	202.5	0.95	1	1	5.206157
Gravel Truck_str	BOBJ1	747.5	Before	Interior Girder 1	202.5	0.95	1	1	3.798359
Gravel Truck_str	BOBJ1	747.5	Before	Interior Girder 2	202.5	0.95	1	1	3.798359
Gravel Truck_str	BOBJ1	747.5	Before	Right Exterior Girder	202.5	0.95	1	1	5.206157
Gravel Truck_str	BOBJ1	747.5	After	Left Exterior Girder	202.5	0.95	1	1	4.993314
Gravel Truck_str	BOBJ1	747.5	After	Interior Girder 1	202.5	0.95	1	1	3.747927
Gravel Truck_str	BOBJ1	747.5	After	Interior Girder 2	202.5	0.95	1	1	3.747927
Gravel Truck_str	BOBJ1	747.5	After	Right Exterior Girder	202.5	0.95	1	1	4.993313

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelINonCompStrgth-Flx - Main Span Girders									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Gravel Truck_str	BOBJ1	758.75	Before	Left Exterior Girder	213.75	0.95	1	1	11.750148
Gravel Truck_str	BOBJ1	758.75	Before	Interior Girder 1	213.75	0.95	1	1	7.789683
Gravel Truck_str	BOBJ1	758.75	Before	Interior Girder 2	213.75	0.95	1	1	7.789683
Gravel Truck_str	BOBJ1	758.75	Before	Right Exterior Girder	213.75	0.95	1	1	11.750145
Gravel Truck_str	BOBJ1	758.75	After	Left Exterior Girder	213.75	0.95	1	1	11.715723
Gravel Truck_str	BOBJ1	758.75	After	Interior Girder 1	213.75	0.95	1	1	7.689198
Gravel Truck_str	BOBJ1	758.75	After	Interior Girder 2	213.75	0.95	1	1	7.689199
Gravel Truck_str	BOBJ1	758.75	After	Right Exterior Girder	213.75	0.95	1	1	11.715719
Gravel Truck_str	BOBJ1	770	Before	Left Exterior Girder	225	0.95	1	1	244.059769
Gravel Truck_str	BOBJ1	770	Before	Interior Girder 1	225	0.95	1	1	202.084128
Gravel Truck_str	BOBJ1	770	Before	Interior Girder 2	225	0.95	1	1	202.083414
Gravel Truck_str	BOBJ1	770	Before	Right Exterior Girder	225	0.95	1	1	244.06099
Annual Permit 1_str	BOBJ1	0	After	Left Exterior Girder	0	0.95	1	1	117.979985
Annual Permit 1_str	BOBJ1	0	After	Interior Girder 1	0	0.95	1	1	130.098872
Annual Permit 1_str	BOBJ1	0	After	Interior Girder 2	0	0.95	1	1	130.098781
Annual Permit 1_str	BOBJ1	0	After	Right Exterior Girder	0	0.95	1	1	117.979979
Annual Permit 1_str	BOBJ1	11.25	Before	Left Exterior Girder	11.25	0.95	1	1	6.317152
Annual Permit 1_str	BOBJ1	11.25	Before	Interior Girder 1	11.25	0.95	1	1	5.930549
Annual Permit 1_str	BOBJ1	11.25	Before	Interior Girder 2	11.25	0.95	1	1	5.93055
Annual Permit 1_str	BOBJ1	11.25	Before	Right Exterior Girder	11.25	0.95	1	1	6.317151
Annual Permit 1_str	BOBJ1	11.25	After	Left Exterior Girder	11.25	0.95	1	1	6.361488
Annual Permit 1_str	BOBJ1	11.25	After	Interior Girder 1	11.25	0.95	1	1	5.996642
Annual Permit 1_str	BOBJ1	11.25	After	Interior Girder 2	11.25	0.95	1	1	5.996644
Annual Permit 1_str	BOBJ1	11.25	After	Right Exterior Girder	11.25	0.95	1	1	6.361487
Annual Permit 1_str	BOBJ1	22.5	Before	Left Exterior Girder	22.5	0.95	1	1	2.673281
Annual Permit 1_str	BOBJ1	22.5	Before	Interior Girder 1	22.5	0.95	1	1	2.852857
Annual Permit 1_str	BOBJ1	22.5	Before	Interior Girder 2	22.5	0.95	1	1	2.852857
Annual Permit 1_str	BOBJ1	22.5	Before	Right Exterior Girder	22.5	0.95	1	1	2.67328
Annual Permit 1_str	BOBJ1	22.5	After	Left Exterior Girder	22.5	0.95	1	1	2.856143
Annual Permit 1_str	BOBJ1	22.5	After	Interior Girder 1	22.5	0.95	1	1	2.838747
Annual Permit 1_str	BOBJ1	22.5	After	Interior Girder 2	22.5	0.95	1	1	2.838747
Annual Permit 1_str	BOBJ1	22.5	After	Right Exterior Girder	22.5	0.95	1	1	2.856143
Annual Permit 1_str	BOBJ1	33.75	Before	Left Exterior Girder	33.75	0.95	1	1	1.628344
Annual Permit 1_str	BOBJ1	33.75	Before	Interior Girder 1	33.75	0.95	1	1	1.752147
Annual Permit 1_str	BOBJ1	33.75	Before	Interior Girder 2	33.75	0.95	1	1	1.752147
Annual Permit 1_str	BOBJ1	33.75	Before	Right Exterior Girder	33.75	0.95	1	1	1.628344
Annual Permit 1_str	BOBJ1	33.75	After	Left Exterior Girder	33.75	0.95	1	1	1.636329
Annual Permit 1_str	BOBJ1	33.75	After	Interior Girder 1	33.75	0.95	1	1	1.750098
Annual Permit 1_str	BOBJ1	33.75	After	Interior Girder 2	33.75	0.95	1	1	1.750098
Annual Permit 1_str	BOBJ1	33.75	After	Right Exterior Girder	33.75	0.95	1	1	1.636329
Annual Permit 1_str	BOBJ1	38.8274	Before	Left Exterior Girder	38.8274	0.95	1	1	1.332817
Annual Permit 1_str	BOBJ1	38.8274	Before	Interior Girder 1	38.8274	0.95	1	1	1.480355
Annual Permit 1_str	BOBJ1	38.8274	Before	Interior Girder 2	38.8274	0.95	1	1	1.480355
Annual Permit 1_str	BOBJ1	38.8274	Before	Right Exterior Girder	38.8274	0.95	1	1	1.332817
Annual Permit 1_str	BOBJ1	38.8274	After	Left Exterior Girder	38.8274	0.95	1	1	3.114715
Annual Permit 1_str	BOBJ1	38.8274	After	Interior Girder 1	38.8274	0.95	1	1	3.453371
Annual Permit 1_str	BOBJ1	38.8274	After	Interior Girder 2	38.8274	0.95	1	1	3.453371
Annual Permit 1_str	BOBJ1	38.8274	After	Right Exterior Girder	38.8274	0.95	1	1	3.114715
Annual Permit 1_str	BOBJ1	45	Before	Left Exterior Girder	45	0.95	1	1	2.683207
Annual Permit 1_str	BOBJ1	45	Before	Interior Girder 1	45	0.95	1	1	3.082701
Annual Permit 1_str	BOBJ1	45	Before	Interior Girder 2	45	0.95	1	1	3.082701
Annual Permit 1_str	BOBJ1	45	Before	Right Exterior Girder	45	0.95	1	1	2.683207
Annual Permit 1_str	BOBJ1	45	After	Left Exterior Girder	45	0.95	1	1	2.767417
Annual Permit 1_str	BOBJ1	45	After	Interior Girder 1	45	0.95	1	1	3.008546
Annual Permit 1_str	BOBJ1	45	After	Interior Girder 2	45	0.95	1	1	3.008546
Annual Permit 1_str	BOBJ1	45	After	Right Exterior Girder	45	0.95	1	1	2.767417
Annual Permit 1_str	BOBJ1	56.25	Before	Left Exterior Girder	56.25	0.95	1	1	2.259466
Annual Permit 1_str	BOBJ1	56.25	Before	Interior Girder 1	56.25	0.95	1	1	2.54289
Annual Permit 1_str	BOBJ1	56.25	Before	Interior Girder 2	56.25	0.95	1	1	2.54289
Annual Permit 1_str	BOBJ1	56.25	Before	Right Exterior Girder	56.25	0.95	1	1	2.259467
Annual Permit 1_str	BOBJ1	56.25	After	Left Exterior Girder	56.25	0.95	1	1	2.26444
Annual Permit 1_str	BOBJ1	56.25	After	Interior Girder 1	56.25	0.95	1	1	2.537676
Annual Permit 1_str	BOBJ1	56.25	After	Interior Girder 2	56.25	0.95	1	1	2.537676
Annual Permit 1_str	BOBJ1	56.25	After	Right Exterior Girder	56.25	0.95	1	1	2.264441
Annual Permit 1_str	BOBJ1	67.5	Before	Left Exterior Girder	67.5	0.95	1	1	2.001484
Annual Permit 1_str	BOBJ1	67.5	Before	Interior Girder 1	67.5	0.95	1	1	2.338272
Annual Permit 1_str	BOBJ1	67.5	Before	Interior Girder 2	67.5	0.95	1	1	2.338272
Annual Permit 1_str	BOBJ1	67.5	Before	Right Exterior Girder	67.5	0.95	1	1	2.001484

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelNonCompStrgth-Flx - Main Span Girders									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Annual Permit 1_str	BOBJ1	67.5	After	Left Exterior Girder	67.5	0.95	1	1	2.036639
Annual Permit 1_str	BOBJ1	67.5	After	Interior Girder 1	67.5	0.95	1	1	2.30954
Annual Permit 1_str	BOBJ1	67.5	After	Interior Girder 2	67.5	0.95	1	1	2.309539
Annual Permit 1_str	BOBJ1	67.5	After	Right Exterior Girder	67.5	0.95	1	1	2.036639
Annual Permit 1_str	BOBJ1	78.75	Before	Left Exterior Girder	78.75	0.95	1	1	1.960727
Annual Permit 1_str	BOBJ1	78.75	Before	Interior Girder 1	78.75	0.95	1	1	2.242975
Annual Permit 1_str	BOBJ1	78.75	Before	Interior Girder 2	78.75	0.95	1	1	2.242975
Annual Permit 1_str	BOBJ1	78.75	Before	Right Exterior Girder	78.75	0.95	1	1	1.960727
Annual Permit 1_str	BOBJ1	78.75	After	Left Exterior Girder	78.75	0.95	1	1	1.96174
Annual Permit 1_str	BOBJ1	78.75	After	Interior Girder 1	78.75	0.95	1	1	2.240989
Annual Permit 1_str	BOBJ1	78.75	After	Interior Girder 2	78.75	0.95	1	1	2.240988
Annual Permit 1_str	BOBJ1	78.75	After	Right Exterior Girder	78.75	0.95	1	1	1.961741
Annual Permit 1_str	BOBJ1	90	Before	Left Exterior Girder	90	0.95	1	1	2.012191
Annual Permit 1_str	BOBJ1	90	Before	Interior Girder 1	90	0.95	1	1	2.350715
Annual Permit 1_str	BOBJ1	90	Before	Interior Girder 2	90	0.95	1	1	2.350715
Annual Permit 1_str	BOBJ1	90	Before	Right Exterior Girder	90	0.95	1	1	2.012191
Annual Permit 1_str	BOBJ1	90	After	Left Exterior Girder	90	0.95	1	1	2.018176
Annual Permit 1_str	BOBJ1	90	After	Interior Girder 1	90	0.95	1	1	2.334746
Annual Permit 1_str	BOBJ1	90	After	Interior Girder 2	90	0.95	1	1	2.334746
Annual Permit 1_str	BOBJ1	90	After	Right Exterior Girder	90	0.95	1	1	2.018176
Annual Permit 1_str	BOBJ1	101.25	Before	Left Exterior Girder	101.25	0.95	1	1	2.205749
Annual Permit 1_str	BOBJ1	101.25	Before	Interior Girder 1	101.25	0.95	1	1	2.521061
Annual Permit 1_str	BOBJ1	101.25	Before	Interior Girder 2	101.25	0.95	1	1	2.521061
Annual Permit 1_str	BOBJ1	101.25	Before	Right Exterior Girder	101.25	0.95	1	1	2.205749
Annual Permit 1_str	BOBJ1	101.25	After	Left Exterior Girder	101.25	0.95	1	1	2.203558
Annual Permit 1_str	BOBJ1	101.25	After	Interior Girder 1	101.25	0.95	1	1	2.522136
Annual Permit 1_str	BOBJ1	101.25	After	Interior Girder 2	101.25	0.95	1	1	2.522136
Annual Permit 1_str	BOBJ1	101.25	After	Right Exterior Girder	101.25	0.95	1	1	2.203558
Annual Permit 1_str	BOBJ1	112.5	Before	Left Exterior Girder	112.5	0.95	1	1	2.514744
Annual Permit 1_str	BOBJ1	112.5	Before	Interior Girder 1	112.5	0.95	1	1	2.86916
Annual Permit 1_str	BOBJ1	112.5	Before	Interior Girder 2	112.5	0.95	1	1	2.86916
Annual Permit 1_str	BOBJ1	112.5	Before	Right Exterior Girder	112.5	0.95	1	1	2.514744
Annual Permit 1_str	BOBJ1	112.5	After	Left Exterior Girder	112.5	0.95	1	1	2.491053
Annual Permit 1_str	BOBJ1	112.5	After	Interior Girder 1	112.5	0.95	1	1	2.888318
Annual Permit 1_str	BOBJ1	112.5	After	Interior Girder 2	112.5	0.95	1	1	2.888319
Annual Permit 1_str	BOBJ1	112.5	After	Right Exterior Girder	112.5	0.95	1	1	2.491053
Annual Permit 1_str	BOBJ1	123.75	Before	Left Exterior Girder	123.75	0.95	1	1	3.018429
Annual Permit 1_str	BOBJ1	123.75	Before	Interior Girder 1	123.75	0.95	1	1	3.378076
Annual Permit 1_str	BOBJ1	123.75	Before	Interior Girder 2	123.75	0.95	1	1	3.378077
Annual Permit 1_str	BOBJ1	123.75	Before	Right Exterior Girder	123.75	0.95	1	1	3.018429
Annual Permit 1_str	BOBJ1	123.75	After	Left Exterior Girder	123.75	0.95	1	1	3.016141
Annual Permit 1_str	BOBJ1	123.75	After	Interior Girder 1	123.75	0.95	1	1	3.376601
Annual Permit 1_str	BOBJ1	123.75	After	Interior Girder 2	123.75	0.95	1	1	3.376601
Annual Permit 1_str	BOBJ1	123.75	After	Right Exterior Girder	123.75	0.95	1	1	3.016141
Annual Permit 1_str	BOBJ1	126.4381	Before	Left Exterior Girder	126.4381	0.95	1	1	3.183898
Annual Permit 1_str	BOBJ1	126.4381	Before	Interior Girder 1	126.4381	0.95	1	1	3.532461
Annual Permit 1_str	BOBJ1	126.4381	Before	Interior Girder 2	126.4381	0.95	1	1	3.532462
Annual Permit 1_str	BOBJ1	126.4381	Before	Right Exterior Girder	126.4381	0.95	1	1	3.183898
Annual Permit 1_str	BOBJ1	126.4381	After	Left Exterior Girder	126.4381	0.95	1	1	1.6781
Annual Permit 1_str	BOBJ1	126.4381	After	Interior Girder 1	126.4381	0.95	1	1	1.869393
Annual Permit 1_str	BOBJ1	126.4381	After	Interior Girder 2	126.4381	0.95	1	1	1.869393
Annual Permit 1_str	BOBJ1	126.4381	After	Right Exterior Girder	126.4381	0.95	1	1	1.6781
Annual Permit 1_str	BOBJ1	135	Before	Left Exterior Girder	135	0.95	1	1	2.184206
Annual Permit 1_str	BOBJ1	135	Before	Interior Girder 1	135	0.95	1	1	2.380364
Annual Permit 1_str	BOBJ1	135	Before	Interior Girder 2	135	0.95	1	1	2.380364
Annual Permit 1_str	BOBJ1	135	Before	Right Exterior Girder	135	0.95	1	1	2.184206
Annual Permit 1_str	BOBJ1	135	After	Left Exterior Girder	135	0.95	1	1	2.124262
Annual Permit 1_str	BOBJ1	135	After	Interior Girder 1	135	0.95	1	1	2.412727
Annual Permit 1_str	BOBJ1	135	After	Interior Girder 2	135	0.95	1	1	2.412727
Annual Permit 1_str	BOBJ1	135	After	Right Exterior Girder	135	0.95	1	1	2.124262
Annual Permit 1_str	BOBJ1	146.25	Before	Left Exterior Girder	146.25	0.95	1	1	3.125035
Annual Permit 1_str	BOBJ1	146.25	Before	Interior Girder 1	146.25	0.95	1	1	3.302867
Annual Permit 1_str	BOBJ1	146.25	Before	Interior Girder 2	146.25	0.95	1	1	3.302867
Annual Permit 1_str	BOBJ1	146.25	Before	Right Exterior Girder	146.25	0.95	1	1	3.125035
Annual Permit 1_str	BOBJ1	146.25	After	Left Exterior Girder	146.25	0.95	1	1	3.114184
Annual Permit 1_str	BOBJ1	146.25	After	Interior Girder 1	146.25	0.95	1	1	3.306741
Annual Permit 1_str	BOBJ1	146.25	After	Interior Girder 2	146.25	0.95	1	1	3.306741
Annual Permit 1_str	BOBJ1	146.25	After	Right Exterior Girder	146.25	0.95	1	1	3.114184

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelINonCompStrgth-Flx - Main Span Girders									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Annual Permit 1_str	BOBJ1	157.5	Before	Left Exterior Girder	157.5	0.95	1	1	3.395282
Annual Permit 1_str	BOBJ1	157.5	Before	Interior Girder 1	157.5	0.95	1	1	3.871322
Annual Permit 1_str	BOBJ1	157.5	Before	Interior Girder 2	157.5	0.95	1	1	3.871322
Annual Permit 1_str	BOBJ1	157.5	Before	Right Exterior Girder	157.5	0.95	1	1	3.395282
Annual Permit 1_str	BOBJ1	157.5	After	Left Exterior Girder	157.5	0.95	1	1	2.388673
Annual Permit 1_str	BOBJ1	157.5	After	Interior Girder 1	157.5	0.95	1	1	2.771947
Annual Permit 1_str	BOBJ1	157.5	After	Interior Girder 2	157.5	0.95	1	1	2.771946
Annual Permit 1_str	BOBJ1	157.5	After	Right Exterior Girder	157.5	0.95	1	1	2.388673
Annual Permit 1_str	BOBJ1	168.2522	Before	Left Exterior Girder	168.2522	0.95	1	1	1.15522
Annual Permit 1_str	BOBJ1	168.2522	Before	Interior Girder 1	168.2522	0.95	1	1	1.324924
Annual Permit 1_str	BOBJ1	168.2522	Before	Interior Girder 2	168.2522	0.95	1	1	1.324924
Annual Permit 1_str	BOBJ1	168.2522	Before	Right Exterior Girder	168.2522	0.95	1	1	1.15522
Annual Permit 1_str	BOBJ1	168.2522	After	Left Exterior Girder	168.2522	0.95	1	1	3.633595
Annual Permit 1_str	BOBJ1	168.2522	After	Interior Girder 1	168.2522	0.95	1	1	4.127864
Annual Permit 1_str	BOBJ1	168.2522	After	Interior Girder 2	168.2522	0.95	1	1	4.127864
Annual Permit 1_str	BOBJ1	168.2522	After	Right Exterior Girder	168.2522	0.95	1	1	3.633595
Annual Permit 1_str	BOBJ1	168.75	Before	Left Exterior Girder	168.75	0.95	1	1	3.566656
Annual Permit 1_str	BOBJ1	168.75	Before	Interior Girder 1	168.75	0.95	1	1	4.055911
Annual Permit 1_str	BOBJ1	168.75	Before	Interior Girder 2	168.75	0.95	1	1	4.055911
Annual Permit 1_str	BOBJ1	168.75	Before	Right Exterior Girder	168.75	0.95	1	1	3.566656
Annual Permit 1_str	BOBJ1	168.75	After	Left Exterior Girder	168.75	0.95	1	1	3.574363
Annual Permit 1_str	BOBJ1	168.75	After	Interior Girder 1	168.75	0.95	1	1	4.050237
Annual Permit 1_str	BOBJ1	168.75	After	Interior Girder 2	168.75	0.95	1	1	4.050237
Annual Permit 1_str	BOBJ1	168.75	After	Right Exterior Girder	168.75	0.95	1	1	3.574364
Annual Permit 1_str	BOBJ1	180	Before	Left Exterior Girder	180	0.95	1	1	2.171227
Annual Permit 1_str	BOBJ1	180	Before	Interior Girder 1	180	0.95	1	1	2.410766
Annual Permit 1_str	BOBJ1	180	Before	Interior Girder 2	180	0.95	1	1	2.410766
Annual Permit 1_str	BOBJ1	180	Before	Right Exterior Girder	180	0.95	1	1	2.171227
Annual Permit 1_str	BOBJ1	180	After	Left Exterior Girder	180	0.95	1	1	2.947079
Annual Permit 1_str	BOBJ1	180	After	Interior Girder 1	180	0.95	1	1	3.403431
Annual Permit 1_str	BOBJ1	180	After	Interior Girder 2	180	0.95	1	1	3.403431
Annual Permit 1_str	BOBJ1	180	After	Right Exterior Girder	180	0.95	1	1	2.947079
Annual Permit 1_str	BOBJ1	183.1858	Before	Left Exterior Girder	183.1858	0.95	1	1	2.548825
Annual Permit 1_str	BOBJ1	183.1858	Before	Interior Girder 1	183.1858	0.95	1	1	2.922553
Annual Permit 1_str	BOBJ1	183.1858	Before	Interior Girder 2	183.1858	0.95	1	1	2.922553
Annual Permit 1_str	BOBJ1	183.1858	Before	Right Exterior Girder	183.1858	0.95	1	1	2.548825
Annual Permit 1_str	BOBJ1	183.1858	After	Left Exterior Girder	183.1858	0.95	1	1	5.705104
Annual Permit 1_str	BOBJ1	183.1858	After	Interior Girder 1	183.1858	0.95	1	1	6.522928
Annual Permit 1_str	BOBJ1	183.1858	After	Interior Girder 2	183.1858	0.95	1	1	6.522928
Annual Permit 1_str	BOBJ1	183.1858	After	Right Exterior Girder	183.1858	0.95	1	1	5.705104
Annual Permit 1_str	BOBJ1	191.25	Before	Left Exterior Girder	191.25	0.95	1	1	4.578841
Annual Permit 1_str	BOBJ1	191.25	Before	Interior Girder 1	191.25	0.95	1	1	5.11947
Annual Permit 1_str	BOBJ1	191.25	Before	Interior Girder 2	191.25	0.95	1	1	5.11947
Annual Permit 1_str	BOBJ1	191.25	Before	Right Exterior Girder	191.25	0.95	1	1	4.578841
Annual Permit 1_str	BOBJ1	191.25	After	Left Exterior Girder	191.25	0.95	1	1	4.590257
Annual Permit 1_str	BOBJ1	191.25	After	Interior Girder 1	191.25	0.95	1	1	5.114039
Annual Permit 1_str	BOBJ1	191.25	After	Interior Girder 2	191.25	0.95	1	1	5.114039
Annual Permit 1_str	BOBJ1	191.25	After	Right Exterior Girder	191.25	0.95	1	1	4.590257
Annual Permit 1_str	BOBJ1	199.9414	Before	Left Exterior Girder	199.9414	0.95	1	1	3.404389
Annual Permit 1_str	BOBJ1	199.9414	Before	Interior Girder 1	199.9414	0.95	1	1	3.694881
Annual Permit 1_str	BOBJ1	199.9414	Before	Interior Girder 2	199.9414	0.95	1	1	3.694881
Annual Permit 1_str	BOBJ1	199.9414	Before	Right Exterior Girder	199.9414	0.95	1	1	3.404389
Annual Permit 1_str	BOBJ1	199.9414	After	Left Exterior Girder	199.9414	0.95	1	1	5.855583
Annual Permit 1_str	BOBJ1	199.9414	After	Interior Girder 1	199.9414	0.95	1	1	6.380361
Annual Permit 1_str	BOBJ1	199.9414	After	Interior Girder 2	199.9414	0.95	1	1	6.380362
Annual Permit 1_str	BOBJ1	199.9414	After	Right Exterior Girder	199.9414	0.95	1	1	5.855583
Annual Permit 1_str	BOBJ1	202.5	Before	Left Exterior Girder	202.5	0.95	1	1	5.25239
Annual Permit 1_str	BOBJ1	202.5	Before	Interior Girder 1	202.5	0.95	1	1	5.923793
Annual Permit 1_str	BOBJ1	202.5	Before	Interior Girder 2	202.5	0.95	1	1	5.923794
Annual Permit 1_str	BOBJ1	202.5	Before	Right Exterior Girder	202.5	0.95	1	1	5.25239
Annual Permit 1_str	BOBJ1	202.5	After	Left Exterior Girder	202.5	0.95	1	1	5.391938
Annual Permit 1_str	BOBJ1	202.5	After	Interior Girder 1	202.5	0.95	1	1	6.144174
Annual Permit 1_str	BOBJ1	202.5	After	Interior Girder 2	202.5	0.95	1	1	6.144175
Annual Permit 1_str	BOBJ1	202.5	After	Right Exterior Girder	202.5	0.95	1	1	5.391938
Annual Permit 1_str	BOBJ1	210.5642	Before	Left Exterior Girder	210.5642	0.95	1	1	3.708151
Annual Permit 1_str	BOBJ1	210.5642	Before	Interior Girder 1	210.5642	0.95	1	1	4.542029
Annual Permit 1_str	BOBJ1	210.5642	Before	Interior Girder 2	210.5642	0.95	1	1	4.542029
Annual Permit 1_str	BOBJ1	210.5642	Before	Right Exterior Girder	210.5642	0.95	1	1	3.708151

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelINonCompStrgth-Flx - Main Span Girders									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Annual Permit 1_str	BOBJ1	210.5642	After	Left Exterior Girder	210.5642	0.95	1	1	5.710438
Annual Permit 1_str	BOBJ1	210.5642	After	Interior Girder 1	210.5642	0.95	1	1	7.056405
Annual Permit 1_str	BOBJ1	210.5642	After	Interior Girder 2	210.5642	0.95	1	1	7.056405
Annual Permit 1_str	BOBJ1	210.5642	After	Right Exterior Girder	210.5642	0.95	1	1	5.710438
Annual Permit 1_str	BOBJ1	213.75	Before	Left Exterior Girder	213.75	0.95	1	1	5.017609
Annual Permit 1_str	BOBJ1	213.75	Before	Interior Girder 1	213.75	0.95	1	1	6.113578
Annual Permit 1_str	BOBJ1	213.75	Before	Interior Girder 2	213.75	0.95	1	1	6.113577
Annual Permit 1_str	BOBJ1	213.75	Before	Right Exterior Girder	213.75	0.95	1	1	5.017609
Annual Permit 1_str	BOBJ1	213.75	After	Left Exterior Girder	213.75	0.95	1	1	5.016869
Annual Permit 1_str	BOBJ1	213.75	After	Interior Girder 1	213.75	0.95	1	1	6.098211
Annual Permit 1_str	BOBJ1	213.75	After	Interior Girder 2	213.75	0.95	1	1	6.098211
Annual Permit 1_str	BOBJ1	213.75	After	Right Exterior Girder	213.75	0.95	1	1	5.016869
Annual Permit 1_str	BOBJ1	225	Before	Left Exterior Girder	225	0.95	1	1	2.910859
Annual Permit 1_str	BOBJ1	225	Before	Interior Girder 1	225	0.95	1	1	3.250304
Annual Permit 1_str	BOBJ1	225	Before	Interior Girder 2	225	0.95	1	1	3.250304
Annual Permit 1_str	BOBJ1	225	Before	Right Exterior Girder	225	0.95	1	1	2.910859
Annual Permit 1_str	BOBJ1	225	After	Left Exterior Girder	0	0.95	1	1	2.587789
Annual Permit 1_str	BOBJ1	225	After	Interior Girder 1	0	0.95	1	1	3.01146
Annual Permit 1_str	BOBJ1	225	After	Interior Girder 2	0	0.95	1	1	3.01146
Annual Permit 1_str	BOBJ1	225	After	Right Exterior Girder	0	0.95	1	1	2.587789
Annual Permit 1_str	BOBJ1	236.45	Before	Left Exterior Girder	11.45	0.95	1	1	4.725812
Annual Permit 1_str	BOBJ1	236.45	Before	Interior Girder 1	11.45	0.95	1	1	5.830163
Annual Permit 1_str	BOBJ1	236.45	Before	Interior Girder 2	11.45	0.95	1	1	5.830163
Annual Permit 1_str	BOBJ1	236.45	Before	Right Exterior Girder	11.45	0.95	1	1	4.725812
Annual Permit 1_str	BOBJ1	236.45	After	Left Exterior Girder	11.45	0.95	1	1	4.733589
Annual Permit 1_str	BOBJ1	236.45	After	Interior Girder 1	11.45	0.95	1	1	5.832244
Annual Permit 1_str	BOBJ1	236.45	After	Interior Girder 2	11.45	0.95	1	1	5.832245
Annual Permit 1_str	BOBJ1	236.45	After	Right Exterior Girder	11.45	0.95	1	1	4.733589
Annual Permit 1_str	BOBJ1	239.5082	Before	Left Exterior Girder	14.5082	0.95	1	1	5.520444
Annual Permit 1_str	BOBJ1	239.5082	Before	Interior Girder 1	14.5082	0.95	1	1	6.858975
Annual Permit 1_str	BOBJ1	239.5082	Before	Interior Girder 2	14.5082	0.95	1	1	6.858975
Annual Permit 1_str	BOBJ1	239.5082	Before	Right Exterior Girder	14.5082	0.95	1	1	5.520444
Annual Permit 1_str	BOBJ1	239.5082	After	Left Exterior Girder	14.5082	0.95	1	1	3.608316
Annual Permit 1_str	BOBJ1	239.5082	After	Interior Girder 1	14.5082	0.95	1	1	4.501424
Annual Permit 1_str	BOBJ1	239.5082	After	Interior Girder 2	14.5082	0.95	1	1	4.501424
Annual Permit 1_str	BOBJ1	239.5082	After	Right Exterior Girder	14.5082	0.95	1	1	3.608316
Annual Permit 1_str	BOBJ1	247.9	Before	Left Exterior Girder	22.9	0.95	1	1	5.824018
Annual Permit 1_str	BOBJ1	247.9	Before	Interior Girder 1	22.9	0.95	1	1	7.386184
Annual Permit 1_str	BOBJ1	247.9	Before	Interior Girder 2	22.9	0.95	1	1	7.386184
Annual Permit 1_str	BOBJ1	247.9	Before	Right Exterior Girder	22.9	0.95	1	1	5.824018
Annual Permit 1_str	BOBJ1	247.9	After	Left Exterior Girder	22.9	0.95	1	1	5.628842
Annual Permit 1_str	BOBJ1	247.9	After	Interior Girder 1	22.9	0.95	1	1	7.323711
Annual Permit 1_str	BOBJ1	247.9	After	Interior Girder 2	22.9	0.95	1	1	7.323712
Annual Permit 1_str	BOBJ1	247.9	After	Right Exterior Girder	22.9	0.95	1	1	5.628842
Annual Permit 1_str	BOBJ1	258.5189	Before	Left Exterior Girder	33.5189	0.95	1	1	8.496397
Annual Permit 1_str	BOBJ1	258.5189	Before	Interior Girder 1	33.5189	0.95	1	1	9.80484
Annual Permit 1_str	BOBJ1	258.5189	Before	Interior Girder 2	33.5189	0.95	1	1	9.80484
Annual Permit 1_str	BOBJ1	258.5189	Before	Right Exterior Girder	33.5189	0.95	1	1	8.496398
Annual Permit 1_str	BOBJ1	258.5189	After	Left Exterior Girder	33.5189	0.95	1	1	5.822236
Annual Permit 1_str	BOBJ1	258.5189	After	Interior Girder 1	33.5189	0.95	1	1	6.636482
Annual Permit 1_str	BOBJ1	258.5189	After	Interior Girder 2	33.5189	0.95	1	1	6.636482
Annual Permit 1_str	BOBJ1	258.5189	After	Right Exterior Girder	33.5189	0.95	1	1	5.822236
Annual Permit 1_str	BOBJ1	259.3	Before	Left Exterior Girder	34.3	0.95	1	1	5.981672
Annual Permit 1_str	BOBJ1	259.3	Before	Interior Girder 1	34.3	0.95	1	1	6.819321
Annual Permit 1_str	BOBJ1	259.3	Before	Interior Girder 2	34.3	0.95	1	1	6.819321
Annual Permit 1_str	BOBJ1	259.3	Before	Right Exterior Girder	34.3	0.95	1	1	5.981672
Annual Permit 1_str	BOBJ1	259.3	After	Left Exterior Girder	34.3	0.95	1	1	5.983227
Annual Permit 1_str	BOBJ1	259.3	After	Interior Girder 1	34.3	0.95	1	1	6.821532
Annual Permit 1_str	BOBJ1	259.3	After	Interior Girder 2	34.3	0.95	1	1	6.821532
Annual Permit 1_str	BOBJ1	259.3	After	Right Exterior Girder	34.3	0.95	1	1	5.983227
Annual Permit 1_str	BOBJ1	266.1031	Before	Left Exterior Girder	41.1031	0.95	1	1	7.192903
Annual Permit 1_str	BOBJ1	266.1031	Before	Interior Girder 1	41.1031	0.95	1	1	8.366489
Annual Permit 1_str	BOBJ1	266.1031	Before	Interior Girder 2	41.1031	0.95	1	1	8.366489
Annual Permit 1_str	BOBJ1	266.1031	Before	Right Exterior Girder	41.1031	0.95	1	1	7.192903
Annual Permit 1_str	BOBJ1	266.1031	After	Left Exterior Girder	41.1031	0.95	1	1	3.809236
Annual Permit 1_str	BOBJ1	266.1031	After	Interior Girder 1	41.1031	0.95	1	1	4.379743
Annual Permit 1_str	BOBJ1	266.1031	After	Interior Girder 2	41.1031	0.95	1	1	4.379743
Annual Permit 1_str	BOBJ1	266.1031	After	Right Exterior Girder	41.1031	0.95	1	1	3.809236

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelINonCompStrgth-Flx - Main Span Girders									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Annual Permit 1_str	BOBJ1	270.7	Before	Left Exterior Girder	45.7	0.95	1	1	4.60468
Annual Permit 1_str	BOBJ1	270.7	Before	Interior Girder 1	45.7	0.95	1	1	5.35181
Annual Permit 1_str	BOBJ1	270.7	Before	Interior Girder 2	45.7	0.95	1	1	5.35181
Annual Permit 1_str	BOBJ1	270.7	Before	Right Exterior Girder	45.7	0.95	1	1	4.60468
Annual Permit 1_str	BOBJ1	270.7	After	Left Exterior Girder	45.7	0.95	1	1	5.46485
Annual Permit 1_str	BOBJ1	270.7	After	Interior Girder 1	45.7	0.95	1	1	6.18247
Annual Permit 1_str	BOBJ1	270.7	After	Interior Girder 2	45.7	0.95	1	1	6.18247
Annual Permit 1_str	BOBJ1	270.7	After	Right Exterior Girder	45.7	0.95	1	1	5.46485
Annual Permit 1_str	BOBJ1	273.6874	Before	Left Exterior Girder	48.6874	0.95	1	1	6.003868
Annual Permit 1_str	BOBJ1	273.6874	Before	Interior Girder 1	48.6874	0.95	1	1	6.825886
Annual Permit 1_str	BOBJ1	273.6874	Before	Interior Girder 2	48.6874	0.95	1	1	6.825886
Annual Permit 1_str	BOBJ1	273.6874	Before	Right Exterior Girder	48.6874	0.95	1	1	6.003868
Annual Permit 1_str	BOBJ1	273.6874	After	Left Exterior Girder	48.6874	0.95	1	1	2.63023
Annual Permit 1_str	BOBJ1	273.6874	After	Interior Girder 1	48.6874	0.95	1	1	2.981282
Annual Permit 1_str	BOBJ1	273.6874	After	Interior Girder 2	48.6874	0.95	1	1	2.981282
Annual Permit 1_str	BOBJ1	273.6874	After	Right Exterior Girder	48.6874	0.95	1	1	2.63023
Annual Permit 1_str	BOBJ1	282.15	Before	Left Exterior Girder	57.15	0.95	1	1	4.088831
Annual Permit 1_str	BOBJ1	282.15	Before	Interior Girder 1	57.15	0.95	1	1	4.672828
Annual Permit 1_str	BOBJ1	282.15	Before	Interior Girder 2	57.15	0.95	1	1	4.672828
Annual Permit 1_str	BOBJ1	282.15	Before	Right Exterior Girder	57.15	0.95	1	1	4.088831
Annual Permit 1_str	BOBJ1	282.15	After	Left Exterior Girder	57.15	0.95	1	1	4.086978
Annual Permit 1_str	BOBJ1	282.15	After	Interior Girder 1	57.15	0.95	1	1	4.678761
Annual Permit 1_str	BOBJ1	282.15	After	Interior Girder 2	57.15	0.95	1	1	4.678761
Annual Permit 1_str	BOBJ1	282.15	After	Right Exterior Girder	57.15	0.95	1	1	4.086978
Annual Permit 1_str	BOBJ1	293.6	Before	Left Exterior Girder	68.6	0.95	1	1	3.132906
Annual Permit 1_str	BOBJ1	293.6	Before	Interior Girder 1	68.6	0.95	1	1	3.207309
Annual Permit 1_str	BOBJ1	293.6	Before	Interior Girder 2	68.6	0.95	1	1	3.207309
Annual Permit 1_str	BOBJ1	293.6	Before	Right Exterior Girder	68.6	0.95	1	1	3.132906
Annual Permit 1_str	BOBJ1	293.6	After	Left Exterior Girder	68.6	0.95	1	1	3.306734
Annual Permit 1_str	BOBJ1	293.6	After	Interior Girder 1	68.6	0.95	1	1	3.190107
Annual Permit 1_str	BOBJ1	293.6	After	Interior Girder 2	68.6	0.95	1	1	3.190107
Annual Permit 1_str	BOBJ1	293.6	After	Right Exterior Girder	68.6	0.95	1	1	3.306733
Annual Permit 1_str	BOBJ1	305	Before	Left Exterior Girder	80	0.95	1	1	1.686375
Annual Permit 1_str	BOBJ1	305	Before	Interior Girder 1	80	0.95	1	1	1.731806
Annual Permit 1_str	BOBJ1	305	Before	Interior Girder 2	80	0.95	1	1	1.731806
Annual Permit 1_str	BOBJ1	305	Before	Right Exterior Girder	80	0.95	1	1	1.686375
Annual Permit 1_str	BOBJ1	305	After	Left Exterior Girder	80	0.95	1	1	1.688322
Annual Permit 1_str	BOBJ1	305	After	Interior Girder 1	80	0.95	1	1	1.730583
Annual Permit 1_str	BOBJ1	305	After	Interior Girder 2	80	0.95	1	1	1.730583
Annual Permit 1_str	BOBJ1	305	After	Right Exterior Girder	80	0.95	1	1	1.688322
Annual Permit 1_str	BOBJ1	306.9561	Before	Left Exterior Girder	81.9561	0.95	1	1	1.484862
Annual Permit 1_str	BOBJ1	306.9561	Before	Interior Girder 1	81.9561	0.95	1	1	1.549204
Annual Permit 1_str	BOBJ1	306.9561	Before	Interior Girder 2	81.9561	0.95	1	1	1.549204
Annual Permit 1_str	BOBJ1	306.9561	Before	Right Exterior Girder	81.9561	0.95	1	1	1.484862
Annual Permit 1_str	BOBJ1	306.9561	After	Left Exterior Girder	81.9561	0.95	1	1	3.884958
Annual Permit 1_str	BOBJ1	306.9561	After	Interior Girder 1	81.9561	0.95	1	1	4.08985
Annual Permit 1_str	BOBJ1	306.9561	After	Interior Girder 2	81.9561	0.95	1	1	4.08985
Annual Permit 1_str	BOBJ1	306.9561	After	Right Exterior Girder	81.9561	0.95	1	1	3.884958
Annual Permit 1_str	BOBJ1	316.4	Before	Left Exterior Girder	91.4	0.95	1	1	2.787401
Annual Permit 1_str	BOBJ1	316.4	Before	Interior Girder 1	91.4	0.95	1	1	3.102492
Annual Permit 1_str	BOBJ1	316.4	Before	Interior Girder 2	91.4	0.95	1	1	3.102492
Annual Permit 1_str	BOBJ1	316.4	Before	Right Exterior Girder	91.4	0.95	1	1	2.787401
Annual Permit 1_str	BOBJ1	316.4	After	Left Exterior Girder	91.4	0.95	1	1	2.855999
Annual Permit 1_str	BOBJ1	316.4	After	Interior Girder 1	91.4	0.95	1	1	3.045936
Annual Permit 1_str	BOBJ1	316.4	After	Interior Girder 2	91.4	0.95	1	1	3.045937
Annual Permit 1_str	BOBJ1	316.4	After	Right Exterior Girder	91.4	0.95	1	1	2.855999
Annual Permit 1_str	BOBJ1	327.85	Before	Left Exterior Girder	102.9679	0.95	1	1	1.997664
Annual Permit 1_str	BOBJ1	327.85	Before	Interior Girder 1	102.9679	0.95	1	1	2.17692
Annual Permit 1_str	BOBJ1	327.85	Before	Interior Girder 2	102.9679	0.95	1	1	2.17692
Annual Permit 1_str	BOBJ1	327.85	Before	Right Exterior Girder	102.9679	0.95	1	1	1.997664
Annual Permit 1_str	BOBJ1	327.85	After	Left Exterior Girder	102.9679	0.95	1	1	3.858386
Annual Permit 1_str	BOBJ1	327.85	After	Interior Girder 1	102.9679	0.95	1	1	4.260909
Annual Permit 1_str	BOBJ1	327.85	After	Interior Girder 2	102.9679	0.95	1	1	4.260909
Annual Permit 1_str	BOBJ1	327.85	After	Right Exterior Girder	102.9679	0.95	1	1	3.858386
Annual Permit 1_str	BOBJ1	339.3	Before	Left Exterior Girder	114.3	0.95	1	1	3.109308
Annual Permit 1_str	BOBJ1	339.3	Before	Interior Girder 1	114.3	0.95	1	1	3.554437
Annual Permit 1_str	BOBJ1	339.3	Before	Interior Girder 2	114.3	0.95	1	1	3.554437
Annual Permit 1_str	BOBJ1	339.3	Before	Right Exterior Girder	114.3	0.95	1	1	3.109308

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelINonCompStrgth-Flx - Main Span Girders									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Annual Permit 1_str	BOBJ1	339.3	After	Left Exterior Girder	114.3	0.95	1	1	3.151061
Annual Permit 1_str	BOBJ1	339.3	After	Interior Girder 1	114.3	0.95	1	1	3.516177
Annual Permit 1_str	BOBJ1	339.3	After	Interior Girder 2	114.3	0.95	1	1	3.516177
Annual Permit 1_str	BOBJ1	339.3	After	Right Exterior Girder	114.3	0.95	1	1	3.151061
Annual Permit 1_str	BOBJ1	350.7	Before	Left Exterior Girder	125.7	0.95	1	1	2.676939
Annual Permit 1_str	BOBJ1	350.7	Before	Interior Girder 1	125.7	0.95	1	1	3.006826
Annual Permit 1_str	BOBJ1	350.7	Before	Interior Girder 2	125.7	0.95	1	1	3.006826
Annual Permit 1_str	BOBJ1	350.7	Before	Right Exterior Girder	125.7	0.95	1	1	2.676939
Annual Permit 1_str	BOBJ1	350.7	After	Left Exterior Girder	125.7	0.95	1	1	2.678138
Annual Permit 1_str	BOBJ1	350.7	After	Interior Girder 1	125.7	0.95	1	1	3.004692
Annual Permit 1_str	BOBJ1	350.7	After	Interior Girder 2	125.7	0.95	1	1	3.004692
Annual Permit 1_str	BOBJ1	350.7	After	Right Exterior Girder	125.7	0.95	1	1	2.678138
Annual Permit 1_str	BOBJ1	362.1	Before	Left Exterior Girder	137.1	0.95	1	1	2.370809
Annual Permit 1_str	BOBJ1	362.1	Before	Interior Girder 1	137.1	0.95	1	1	2.719858
Annual Permit 1_str	BOBJ1	362.1	Before	Interior Girder 2	137.1	0.95	1	1	2.719858
Annual Permit 1_str	BOBJ1	362.1	Before	Right Exterior Girder	137.1	0.95	1	1	2.370809
Annual Permit 1_str	BOBJ1	362.1	After	Left Exterior Girder	137.1	0.95	1	1	2.388019
Annual Permit 1_str	BOBJ1	362.1	After	Interior Girder 1	137.1	0.95	1	1	2.702396
Annual Permit 1_str	BOBJ1	362.1	After	Interior Girder 2	137.1	0.95	1	1	2.702396
Annual Permit 1_str	BOBJ1	362.1	After	Right Exterior Girder	137.1	0.95	1	1	2.388019
Annual Permit 1_str	BOBJ1	373.55	Before	Left Exterior Girder	148.55	0.95	1	1	2.228414
Annual Permit 1_str	BOBJ1	373.55	Before	Interior Girder 1	148.55	0.95	1	1	2.518701
Annual Permit 1_str	BOBJ1	373.55	Before	Interior Girder 2	148.55	0.95	1	1	2.518701
Annual Permit 1_str	BOBJ1	373.55	Before	Right Exterior Girder	148.55	0.95	1	1	2.228414
Annual Permit 1_str	BOBJ1	373.55	After	Left Exterior Girder	148.55	0.95	1	1	2.227149
Annual Permit 1_str	BOBJ1	373.55	After	Interior Girder 1	148.55	0.95	1	1	2.518971
Annual Permit 1_str	BOBJ1	373.55	After	Interior Girder 2	148.55	0.95	1	1	2.518971
Annual Permit 1_str	BOBJ1	373.55	After	Right Exterior Girder	148.55	0.95	1	1	2.227149
Annual Permit 1_str	BOBJ1	385	Before	Left Exterior Girder	160	0.95	1	1	2.177177
Annual Permit 1_str	BOBJ1	385	Before	Interior Girder 1	160	0.95	1	1	2.49105
Annual Permit 1_str	BOBJ1	385	Before	Interior Girder 2	160	0.95	1	1	2.49105
Annual Permit 1_str	BOBJ1	385	Before	Right Exterior Girder	160	0.95	1	1	2.177177
Annual Permit 1_str	BOBJ1	385	After	Left Exterior Girder	160	0.95	1	1	2.177177
Annual Permit 1_str	BOBJ1	385	After	Interior Girder 1	160	0.95	1	1	2.49105
Annual Permit 1_str	BOBJ1	385	After	Interior Girder 2	160	0.95	1	1	2.49105
Annual Permit 1_str	BOBJ1	385	After	Right Exterior Girder	160	0.95	1	1	2.177177
Annual Permit 1_str	BOBJ1	396.45	Before	Left Exterior Girder	171.45	0.95	1	1	2.227149
Annual Permit 1_str	BOBJ1	396.45	Before	Interior Girder 1	171.45	0.95	1	1	2.518971
Annual Permit 1_str	BOBJ1	396.45	Before	Interior Girder 2	171.45	0.95	1	1	2.518971
Annual Permit 1_str	BOBJ1	396.45	Before	Right Exterior Girder	171.45	0.95	1	1	2.227149
Annual Permit 1_str	BOBJ1	396.45	After	Left Exterior Girder	171.45	0.95	1	1	2.228414
Annual Permit 1_str	BOBJ1	396.45	After	Interior Girder 1	171.45	0.95	1	1	2.518701
Annual Permit 1_str	BOBJ1	396.45	After	Interior Girder 2	171.45	0.95	1	1	2.518701
Annual Permit 1_str	BOBJ1	396.45	After	Right Exterior Girder	171.45	0.95	1	1	2.228414
Annual Permit 1_str	BOBJ1	407.9	Before	Left Exterior Girder	182.9	0.95	1	1	2.388019
Annual Permit 1_str	BOBJ1	407.9	Before	Interior Girder 1	182.9	0.95	1	1	2.702396
Annual Permit 1_str	BOBJ1	407.9	Before	Interior Girder 2	182.9	0.95	1	1	2.702396
Annual Permit 1_str	BOBJ1	407.9	Before	Right Exterior Girder	182.9	0.95	1	1	2.388019
Annual Permit 1_str	BOBJ1	407.9	After	Left Exterior Girder	182.9	0.95	1	1	2.370809
Annual Permit 1_str	BOBJ1	407.9	After	Interior Girder 1	182.9	0.95	1	1	2.719858
Annual Permit 1_str	BOBJ1	407.9	After	Interior Girder 2	182.9	0.95	1	1	2.719858
Annual Permit 1_str	BOBJ1	407.9	After	Right Exterior Girder	182.9	0.95	1	1	2.370809
Annual Permit 1_str	BOBJ1	419.3	Before	Left Exterior Girder	194.3	0.95	1	1	2.678138
Annual Permit 1_str	BOBJ1	419.3	Before	Interior Girder 1	194.3	0.95	1	1	3.004692
Annual Permit 1_str	BOBJ1	419.3	Before	Interior Girder 2	194.3	0.95	1	1	3.004692
Annual Permit 1_str	BOBJ1	419.3	Before	Right Exterior Girder	194.3	0.95	1	1	2.678138
Annual Permit 1_str	BOBJ1	419.3	After	Left Exterior Girder	194.3	0.95	1	1	2.676939
Annual Permit 1_str	BOBJ1	419.3	After	Interior Girder 1	194.3	0.95	1	1	3.006826
Annual Permit 1_str	BOBJ1	419.3	After	Interior Girder 2	194.3	0.95	1	1	3.006826
Annual Permit 1_str	BOBJ1	419.3	After	Right Exterior Girder	194.3	0.95	1	1	2.676939
Annual Permit 1_str	BOBJ1	430.7	Before	Left Exterior Girder	205.7	0.95	1	1	3.151061
Annual Permit 1_str	BOBJ1	430.7	Before	Interior Girder 1	205.7	0.95	1	1	3.516177
Annual Permit 1_str	BOBJ1	430.7	Before	Interior Girder 2	205.7	0.95	1	1	3.516177
Annual Permit 1_str	BOBJ1	430.7	Before	Right Exterior Girder	205.7	0.95	1	1	3.151061
Annual Permit 1_str	BOBJ1	430.7	After	Left Exterior Girder	205.7	0.95	1	1	3.109308
Annual Permit 1_str	BOBJ1	430.7	After	Interior Girder 1	205.7	0.95	1	1	3.554437
Annual Permit 1_str	BOBJ1	430.7	After	Interior Girder 2	205.7	0.95	1	1	3.554437
Annual Permit 1_str	BOBJ1	430.7	After	Right Exterior Girder	205.7	0.95	1	1	3.109308

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelINonCompStrgth-Flx - Main Span Girders									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Annual Permit 1_str	BOBJ1	442.15	Before	Left Exterior Girder	217.0321	0.95	1	1	3.851193
Annual Permit 1_str	BOBJ1	442.15	Before	Interior Girder 1	217.0321	0.95	1	1	4.258489
Annual Permit 1_str	BOBJ1	442.15	Before	Interior Girder 2	217.0321	0.95	1	1	4.258489
Annual Permit 1_str	BOBJ1	442.15	Before	Right Exterior Girder	217.0321	0.95	1	1	3.851193
Annual Permit 1_str	BOBJ1	442.15	After	Left Exterior Girder	217.0321	0.95	1	1	1.994356
Annual Permit 1_str	BOBJ1	442.15	After	Interior Girder 1	217.0321	0.95	1	1	2.175075
Annual Permit 1_str	BOBJ1	442.15	After	Interior Girder 2	217.0321	0.95	1	1	2.175075
Annual Permit 1_str	BOBJ1	442.15	After	Right Exterior Girder	217.0321	0.95	1	1	1.994356
Annual Permit 1_str	BOBJ1	453.6	Before	Left Exterior Girder	228.6	0.95	1	1	2.855999
Annual Permit 1_str	BOBJ1	453.6	Before	Interior Girder 1	228.6	0.95	1	1	3.045936
Annual Permit 1_str	BOBJ1	453.6	Before	Interior Girder 2	228.6	0.95	1	1	3.045936
Annual Permit 1_str	BOBJ1	453.6	Before	Right Exterior Girder	228.6	0.95	1	1	2.855999
Annual Permit 1_str	BOBJ1	453.6	After	Left Exterior Girder	228.6	0.95	1	1	2.7874
Annual Permit 1_str	BOBJ1	453.6	After	Interior Girder 1	228.6	0.95	1	1	3.102492
Annual Permit 1_str	BOBJ1	453.6	After	Interior Girder 2	228.6	0.95	1	1	3.102492
Annual Permit 1_str	BOBJ1	453.6	After	Right Exterior Girder	228.6	0.95	1	1	2.7874
Annual Permit 1_str	BOBJ1	463.0439	Before	Left Exterior Girder	238.0439	0.95	1	1	3.871417
Annual Permit 1_str	BOBJ1	463.0439	Before	Interior Girder 1	238.0439	0.95	1	1	4.085856
Annual Permit 1_str	BOBJ1	463.0439	Before	Interior Girder 2	238.0439	0.95	1	1	4.085857
Annual Permit 1_str	BOBJ1	463.0439	Before	Right Exterior Girder	238.0439	0.95	1	1	3.871417
Annual Permit 1_str	BOBJ1	463.0439	After	Left Exterior Girder	238.0439	0.95	1	1	1.479841
Annual Permit 1_str	BOBJ1	463.0439	After	Interior Girder 1	238.0439	0.95	1	1	1.54704
Annual Permit 1_str	BOBJ1	463.0439	After	Interior Girder 2	238.0439	0.95	1	1	1.54704
Annual Permit 1_str	BOBJ1	463.0439	After	Right Exterior Girder	238.0439	0.95	1	1	1.479841
Annual Permit 1_str	BOBJ1	465	Before	Left Exterior Girder	240	0.95	1	1	1.688322
Annual Permit 1_str	BOBJ1	465	Before	Interior Girder 1	240	0.95	1	1	1.730583
Annual Permit 1_str	BOBJ1	465	Before	Interior Girder 2	240	0.95	1	1	1.730583
Annual Permit 1_str	BOBJ1	465	Before	Right Exterior Girder	240	0.95	1	1	1.688321
Annual Permit 1_str	BOBJ1	465	After	Left Exterior Girder	240	0.95	1	1	1.686375
Annual Permit 1_str	BOBJ1	465	After	Interior Girder 1	240	0.95	1	1	1.731806
Annual Permit 1_str	BOBJ1	465	After	Interior Girder 2	240	0.95	1	1	1.731806
Annual Permit 1_str	BOBJ1	465	After	Right Exterior Girder	240	0.95	1	1	1.686375
Annual Permit 1_str	BOBJ1	476.4	Before	Left Exterior Girder	251.4	0.95	1	1	3.306733
Annual Permit 1_str	BOBJ1	476.4	Before	Interior Girder 1	251.4	0.95	1	1	3.190107
Annual Permit 1_str	BOBJ1	476.4	Before	Interior Girder 2	251.4	0.95	1	1	3.190107
Annual Permit 1_str	BOBJ1	476.4	Before	Right Exterior Girder	251.4	0.95	1	1	3.306733
Annual Permit 1_str	BOBJ1	476.4	After	Left Exterior Girder	251.4	0.95	1	1	3.132905
Annual Permit 1_str	BOBJ1	476.4	After	Interior Girder 1	251.4	0.95	1	1	3.207309
Annual Permit 1_str	BOBJ1	476.4	After	Interior Girder 2	251.4	0.95	1	1	3.207309
Annual Permit 1_str	BOBJ1	476.4	After	Right Exterior Girder	251.4	0.95	1	1	3.132905
Annual Permit 1_str	BOBJ1	487.85	Before	Left Exterior Girder	262.85	0.95	1	1	3.441692
Annual Permit 1_str	BOBJ1	487.85	Before	Interior Girder 1	262.85	0.95	1	1	4.142226
Annual Permit 1_str	BOBJ1	487.85	Before	Interior Girder 2	262.85	0.95	1	1	4.142226
Annual Permit 1_str	BOBJ1	487.85	Before	Right Exterior Girder	262.85	0.95	1	1	3.441692
Annual Permit 1_str	BOBJ1	487.85	After	Left Exterior Girder	262.85	0.95	1	1	3.444629
Annual Permit 1_str	BOBJ1	487.85	After	Interior Girder 1	262.85	0.95	1	1	4.13579
Annual Permit 1_str	BOBJ1	487.85	After	Interior Girder 2	262.85	0.95	1	1	4.13579
Annual Permit 1_str	BOBJ1	487.85	After	Right Exterior Girder	262.85	0.95	1	1	3.444629
Annual Permit 1_str	BOBJ1	496.3126	Before	Left Exterior Girder	271.3126	0.95	1	1	2.029326
Annual Permit 1_str	BOBJ1	496.3126	Before	Interior Girder 1	271.3126	0.95	1	1	2.487204
Annual Permit 1_str	BOBJ1	496.3126	Before	Interior Girder 2	271.3126	0.95	1	1	2.487204
Annual Permit 1_str	BOBJ1	496.3126	Before	Right Exterior Girder	271.3126	0.95	1	1	2.029326
Annual Permit 1_str	BOBJ1	496.3126	After	Left Exterior Girder	271.3126	0.95	1	1	6.034124
Annual Permit 1_str	BOBJ1	496.3126	After	Interior Girder 1	271.3126	0.95	1	1	6.846095
Annual Permit 1_str	BOBJ1	496.3126	After	Interior Girder 2	271.3126	0.95	1	1	6.846095
Annual Permit 1_str	BOBJ1	496.3126	After	Right Exterior Girder	271.3126	0.95	1	1	6.034124
Annual Permit 1_str	BOBJ1	499.3	Before	Left Exterior Girder	274.3	0.95	1	1	5.46485
Annual Permit 1_str	BOBJ1	499.3	Before	Interior Girder 1	274.3	0.95	1	1	6.182677
Annual Permit 1_str	BOBJ1	499.3	Before	Interior Girder 2	274.3	0.95	1	1	6.182677
Annual Permit 1_str	BOBJ1	499.3	Before	Right Exterior Girder	274.3	0.95	1	1	5.46485
Annual Permit 1_str	BOBJ1	499.3	After	Left Exterior Girder	274.3	0.95	1	1	4.60468
Annual Permit 1_str	BOBJ1	499.3	After	Interior Girder 1	274.3	0.95	1	1	5.351991
Annual Permit 1_str	BOBJ1	499.3	After	Interior Girder 2	274.3	0.95	1	1	5.351991
Annual Permit 1_str	BOBJ1	499.3	After	Right Exterior Girder	274.3	0.95	1	1	4.60468
Annual Permit 1_str	BOBJ1	503.8969	Before	Left Exterior Girder	278.8969	0.95	1	1	3.809236
Annual Permit 1_str	BOBJ1	503.8969	Before	Interior Girder 1	278.8969	0.95	1	1	4.379952
Annual Permit 1_str	BOBJ1	503.8969	Before	Interior Girder 2	278.8969	0.95	1	1	4.379952
Annual Permit 1_str	BOBJ1	503.8969	Before	Right Exterior Girder	278.8969	0.95	1	1	3.809236

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelINonCompStrgth-Flx - Main Span Girders									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Annual Permit 1_str	BOBJ1	503.8969	After	Left Exterior Girder	278.8969	0.95	1	1	7.192903
Annual Permit 1_str	BOBJ1	503.8969	After	Interior Girder 1	278.8969	0.95	1	1	8.366776
Annual Permit 1_str	BOBJ1	503.8969	After	Interior Girder 2	278.8969	0.95	1	1	8.366776
Annual Permit 1_str	BOBJ1	503.8969	After	Right Exterior Girder	278.8969	0.95	1	1	7.192903
Annual Permit 1_str	BOBJ1	510.7	Before	Left Exterior Girder	285.7	0.95	1	1	5.983226
Annual Permit 1_str	BOBJ1	510.7	Before	Interior Girder 1	285.7	0.95	1	1	6.8224
Annual Permit 1_str	BOBJ1	510.7	Before	Interior Girder 2	285.7	0.95	1	1	6.8224
Annual Permit 1_str	BOBJ1	510.7	Before	Right Exterior Girder	285.7	0.95	1	1	5.983227
Annual Permit 1_str	BOBJ1	510.7	After	Left Exterior Girder	285.7	0.95	1	1	5.981672
Annual Permit 1_str	BOBJ1	510.7	After	Interior Girder 1	285.7	0.95	1	1	6.820086
Annual Permit 1_str	BOBJ1	510.7	After	Interior Girder 2	285.7	0.95	1	1	6.820085
Annual Permit 1_str	BOBJ1	510.7	After	Right Exterior Girder	285.7	0.95	1	1	5.981672
Annual Permit 1_str	BOBJ1	511.4811	Before	Left Exterior Girder	286.4811	0.95	1	1	5.840926
Annual Permit 1_str	BOBJ1	511.4811	Before	Interior Girder 1	286.4811	0.95	1	1	6.650395
Annual Permit 1_str	BOBJ1	511.4811	Before	Interior Girder 2	286.4811	0.95	1	1	6.650394
Annual Permit 1_str	BOBJ1	511.4811	Before	Right Exterior Girder	286.4811	0.95	1	1	5.840926
Annual Permit 1_str	BOBJ1	511.4811	After	Left Exterior Girder	286.4811	0.95	1	1	8.524245
Annual Permit 1_str	BOBJ1	511.4811	After	Interior Girder 1	286.4811	0.95	1	1	9.823426
Annual Permit 1_str	BOBJ1	511.4811	After	Interior Girder 2	286.4811	0.95	1	1	9.823425
Annual Permit 1_str	BOBJ1	511.4811	After	Right Exterior Girder	286.4811	0.95	1	1	8.524246
Annual Permit 1_str	BOBJ1	522.1	Before	Left Exterior Girder	297.1	0.95	1	1	5.628842
Annual Permit 1_str	BOBJ1	522.1	Before	Interior Girder 1	297.1	0.95	1	1	7.323798
Annual Permit 1_str	BOBJ1	522.1	Before	Interior Girder 2	297.1	0.95	1	1	7.323798
Annual Permit 1_str	BOBJ1	522.1	Before	Right Exterior Girder	297.1	0.95	1	1	5.628842
Annual Permit 1_str	BOBJ1	522.1	After	Left Exterior Girder	297.1	0.95	1	1	5.824018
Annual Permit 1_str	BOBJ1	522.1	After	Interior Girder 1	297.1	0.95	1	1	7.386345
Annual Permit 1_str	BOBJ1	522.1	After	Interior Girder 2	297.1	0.95	1	1	7.386346
Annual Permit 1_str	BOBJ1	522.1	After	Right Exterior Girder	297.1	0.95	1	1	5.824018
Annual Permit 1_str	BOBJ1	530.4918	Before	Left Exterior Girder	305.4918	0.95	1	1	3.608317
Annual Permit 1_str	BOBJ1	530.4918	Before	Interior Girder 1	305.4918	0.95	1	1	4.501424
Annual Permit 1_str	BOBJ1	530.4918	Before	Interior Girder 2	305.4918	0.95	1	1	4.501424
Annual Permit 1_str	BOBJ1	530.4918	Before	Right Exterior Girder	305.4918	0.95	1	1	3.608316
Annual Permit 1_str	BOBJ1	530.4918	After	Left Exterior Girder	305.4918	0.95	1	1	5.520444
Annual Permit 1_str	BOBJ1	530.4918	After	Interior Girder 1	305.4918	0.95	1	1	6.858975
Annual Permit 1_str	BOBJ1	530.4918	After	Interior Girder 2	305.4918	0.95	1	1	6.858976
Annual Permit 1_str	BOBJ1	530.4918	After	Right Exterior Girder	305.4918	0.95	1	1	5.520444
Annual Permit 1_str	BOBJ1	533.55	Before	Left Exterior Girder	308.55	0.95	1	1	4.733589
Annual Permit 1_str	BOBJ1	533.55	Before	Interior Girder 1	308.55	0.95	1	1	5.832244
Annual Permit 1_str	BOBJ1	533.55	Before	Interior Girder 2	308.55	0.95	1	1	5.832245
Annual Permit 1_str	BOBJ1	533.55	Before	Right Exterior Girder	308.55	0.95	1	1	4.733589
Annual Permit 1_str	BOBJ1	533.55	After	Left Exterior Girder	308.55	0.95	1	1	4.725812
Annual Permit 1_str	BOBJ1	533.55	After	Interior Girder 1	308.55	0.95	1	1	5.830163
Annual Permit 1_str	BOBJ1	533.55	After	Interior Girder 2	308.55	0.95	1	1	5.830163
Annual Permit 1_str	BOBJ1	533.55	After	Right Exterior Girder	308.55	0.95	1	1	4.725812
Annual Permit 1_str	BOBJ1	545	Before	Left Exterior Girder	320	0.95	1	1	2.587789
Annual Permit 1_str	BOBJ1	545	Before	Interior Girder 1	320	0.95	1	1	3.01146
Annual Permit 1_str	BOBJ1	545	Before	Interior Girder 2	320	0.95	1	1	3.011461
Annual Permit 1_str	BOBJ1	545	Before	Right Exterior Girder	320	0.95	1	1	2.587789
Annual Permit 1_str	BOBJ1	545	After	Left Exterior Girder	0	0.95	1	1	2.910999
Annual Permit 1_str	BOBJ1	545	After	Interior Girder 1	0	0.95	1	1	3.251172
Annual Permit 1_str	BOBJ1	545	After	Interior Girder 2	0	0.95	1	1	3.251172
Annual Permit 1_str	BOBJ1	545	After	Right Exterior Girder	0	0.95	1	1	2.910999
Annual Permit 1_str	BOBJ1	556.25	Before	Left Exterior Girder	11.25	0.95	1	1	5.016869
Annual Permit 1_str	BOBJ1	556.25	Before	Interior Girder 1	11.25	0.95	1	1	6.099054
Annual Permit 1_str	BOBJ1	556.25	Before	Interior Girder 2	11.25	0.95	1	1	6.099054
Annual Permit 1_str	BOBJ1	556.25	Before	Right Exterior Girder	11.25	0.95	1	1	5.016869
Annual Permit 1_str	BOBJ1	556.25	After	Left Exterior Girder	11.25	0.95	1	1	5.017609
Annual Permit 1_str	BOBJ1	556.25	After	Interior Girder 1	11.25	0.95	1	1	6.114546
Annual Permit 1_str	BOBJ1	556.25	After	Interior Girder 2	11.25	0.95	1	1	6.114546
Annual Permit 1_str	BOBJ1	556.25	After	Right Exterior Girder	11.25	0.95	1	1	5.017609
Annual Permit 1_str	BOBJ1	559.4358	Before	Left Exterior Girder	14.4358	0.95	1	1	5.710438
Annual Permit 1_str	BOBJ1	559.4358	Before	Interior Girder 1	14.4358	0.95	1	1	7.057506
Annual Permit 1_str	BOBJ1	559.4358	Before	Interior Girder 2	14.4358	0.95	1	1	7.057506
Annual Permit 1_str	BOBJ1	559.4358	Before	Right Exterior Girder	14.4358	0.95	1	1	5.710438
Annual Permit 1_str	BOBJ1	559.4358	After	Left Exterior Girder	14.4358	0.95	1	1	3.708151
Annual Permit 1_str	BOBJ1	559.4358	After	Interior Girder 1	14.4358	0.95	1	1	4.543898
Annual Permit 1_str	BOBJ1	559.4358	After	Interior Girder 2	14.4358	0.95	1	1	4.543898
Annual Permit 1_str	BOBJ1	559.4358	After	Right Exterior Girder	14.4358	0.95	1	1	3.708151

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelINonCompStrgth-Flx - Main Span Girders									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Annual Permit 1_str	BOBJ1	567.5	Before	Left Exterior Girder	22.5	0.95	1	1	5.391937
Annual Permit 1_str	BOBJ1	567.5	Before	Interior Girder 1	22.5	0.95	1	1	6.144175
Annual Permit 1_str	BOBJ1	567.5	Before	Interior Girder 2	22.5	0.95	1	1	6.144175
Annual Permit 1_str	BOBJ1	567.5	Before	Right Exterior Girder	22.5	0.95	1	1	5.391937
Annual Permit 1_str	BOBJ1	567.5	After	Left Exterior Girder	22.5	0.95	1	1	5.982946
Annual Permit 1_str	BOBJ1	567.5	After	Interior Girder 1	22.5	0.95	1	1	6.630416
Annual Permit 1_str	BOBJ1	567.5	After	Interior Girder 2	22.5	0.95	1	1	6.630416
Annual Permit 1_str	BOBJ1	567.5	After	Right Exterior Girder	22.5	0.95	1	1	5.982946
Annual Permit 1_str	BOBJ1	570.0586	Before	Left Exterior Girder	25.0586	0.95	1	1	6.632445
Annual Permit 1_str	BOBJ1	570.0586	Before	Interior Girder 1	25.0586	0.95	1	1	7.097855
Annual Permit 1_str	BOBJ1	570.0586	Before	Interior Girder 2	25.0586	0.95	1	1	7.097855
Annual Permit 1_str	BOBJ1	570.0586	Before	Right Exterior Girder	25.0586	0.95	1	1	6.632445
Annual Permit 1_str	BOBJ1	570.0586	After	Left Exterior Girder	25.0586	0.95	1	1	4.005614
Annual Permit 1_str	BOBJ1	570.0586	After	Interior Girder 1	25.0586	0.95	1	1	4.249122
Annual Permit 1_str	BOBJ1	570.0586	After	Interior Girder 2	25.0586	0.95	1	1	4.249122
Annual Permit 1_str	BOBJ1	570.0586	After	Right Exterior Girder	25.0586	0.95	1	1	4.005614
Annual Permit 1_str	BOBJ1	578.75	Before	Left Exterior Girder	33.75	0.95	1	1	5.216693
Annual Permit 1_str	BOBJ1	578.75	Before	Interior Girder 1	33.75	0.95	1	1	5.710217
Annual Permit 1_str	BOBJ1	578.75	Before	Interior Girder 2	33.75	0.95	1	1	5.710217
Annual Permit 1_str	BOBJ1	578.75	Before	Right Exterior Girder	33.75	0.95	1	1	5.216693
Annual Permit 1_str	BOBJ1	578.75	After	Left Exterior Girder	33.75	0.95	1	1	5.205858
Annual Permit 1_str	BOBJ1	578.75	After	Interior Girder 1	33.75	0.95	1	1	5.714207
Annual Permit 1_str	BOBJ1	578.75	After	Interior Girder 2	33.75	0.95	1	1	5.714207
Annual Permit 1_str	BOBJ1	578.75	After	Right Exterior Girder	33.75	0.95	1	1	5.205858
Annual Permit 1_str	BOBJ1	586.8142	Before	Left Exterior Girder	41.8142	0.95	1	1	6.366077
Annual Permit 1_str	BOBJ1	586.8142	Before	Interior Girder 1	41.8142	0.95	1	1	7.1534
Annual Permit 1_str	BOBJ1	586.8142	Before	Interior Girder 2	41.8142	0.95	1	1	7.1534
Annual Permit 1_str	BOBJ1	586.8142	Before	Right Exterior Girder	41.8142	0.95	1	1	6.366076
Annual Permit 1_str	BOBJ1	586.8142	After	Left Exterior Girder	41.8142	0.95	1	1	2.982251
Annual Permit 1_str	BOBJ1	586.8142	After	Interior Girder 1	41.8142	0.95	1	1	3.336693
Annual Permit 1_str	BOBJ1	586.8142	After	Interior Girder 2	41.8142	0.95	1	1	3.336693
Annual Permit 1_str	BOBJ1	586.8142	After	Right Exterior Girder	41.8142	0.95	1	1	2.982251
Annual Permit 1_str	BOBJ1	590	Before	Left Exterior Girder	45	0.95	1	1	3.385481
Annual Permit 1_str	BOBJ1	590	Before	Interior Girder 1	45	0.95	1	1	3.832208
Annual Permit 1_str	BOBJ1	590	Before	Interior Girder 2	45	0.95	1	1	3.832208
Annual Permit 1_str	BOBJ1	590	Before	Right Exterior Girder	45	0.95	1	1	3.385481
Annual Permit 1_str	BOBJ1	590	After	Left Exterior Girder	45	0.95	1	1	2.171226
Annual Permit 1_str	BOBJ1	590	After	Interior Girder 1	45	0.95	1	1	2.410766
Annual Permit 1_str	BOBJ1	590	After	Interior Girder 2	45	0.95	1	1	2.410766
Annual Permit 1_str	BOBJ1	590	After	Right Exterior Girder	45	0.95	1	1	2.171226
Annual Permit 1_str	BOBJ1	601.25	Before	Left Exterior Girder	56.25	0.95	1	1	3.574363
Annual Permit 1_str	BOBJ1	601.25	Before	Interior Girder 1	56.25	0.95	1	1	4.050237
Annual Permit 1_str	BOBJ1	601.25	Before	Interior Girder 2	56.25	0.95	1	1	4.050237
Annual Permit 1_str	BOBJ1	601.25	Before	Right Exterior Girder	56.25	0.95	1	1	3.574363
Annual Permit 1_str	BOBJ1	601.25	After	Left Exterior Girder	56.25	0.95	1	1	3.566656
Annual Permit 1_str	BOBJ1	601.25	After	Interior Girder 1	56.25	0.95	1	1	4.055911
Annual Permit 1_str	BOBJ1	601.25	After	Interior Girder 2	56.25	0.95	1	1	4.055911
Annual Permit 1_str	BOBJ1	601.25	After	Right Exterior Girder	56.25	0.95	1	1	3.566655
Annual Permit 1_str	BOBJ1	601.7478	Before	Left Exterior Girder	56.7478	0.95	1	1	3.630638
Annual Permit 1_str	BOBJ1	601.7478	Before	Interior Girder 1	56.7478	0.95	1	1	4.13154
Annual Permit 1_str	BOBJ1	601.7478	Before	Interior Girder 2	56.7478	0.95	1	1	4.13154
Annual Permit 1_str	BOBJ1	601.7478	Before	Right Exterior Girder	56.7478	0.95	1	1	3.630638
Annual Permit 1_str	BOBJ1	601.7478	After	Left Exterior Girder	56.7478	0.95	1	1	1.153759
Annual Permit 1_str	BOBJ1	601.7478	After	Interior Girder 1	56.7478	0.95	1	1	1.327015
Annual Permit 1_str	BOBJ1	601.7478	After	Interior Girder 2	56.7478	0.95	1	1	1.327015
Annual Permit 1_str	BOBJ1	601.7478	After	Right Exterior Girder	56.7478	0.95	1	1	1.153759
Annual Permit 1_str	BOBJ1	612.5	Before	Left Exterior Girder	67.5	0.95	1	1	2.388672
Annual Permit 1_str	BOBJ1	612.5	Before	Interior Girder 1	67.5	0.95	1	1	2.771947
Annual Permit 1_str	BOBJ1	612.5	Before	Interior Girder 2	67.5	0.95	1	1	2.771947
Annual Permit 1_str	BOBJ1	612.5	Before	Right Exterior Girder	67.5	0.95	1	1	2.388672
Annual Permit 1_str	BOBJ1	612.5	After	Left Exterior Girder	67.5	0.95	1	1	3.395282
Annual Permit 1_str	BOBJ1	612.5	After	Interior Girder 1	67.5	0.95	1	1	3.871322
Annual Permit 1_str	BOBJ1	612.5	After	Interior Girder 2	67.5	0.95	1	1	3.871322
Annual Permit 1_str	BOBJ1	612.5	After	Right Exterior Girder	67.5	0.95	1	1	3.395282
Annual Permit 1_str	BOBJ1	623.75	Before	Left Exterior Girder	78.75	0.95	1	1	3.114067
Annual Permit 1_str	BOBJ1	623.75	Before	Interior Girder 1	78.75	0.95	1	1	3.306571
Annual Permit 1_str	BOBJ1	623.75	Before	Interior Girder 2	78.75	0.95	1	1	3.306571
Annual Permit 1_str	BOBJ1	623.75	Before	Right Exterior Girder	78.75	0.95	1	1	3.114068

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelINonCompStrgth-Flx - Main Span Girders									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Annual Permit 1_str	BOBJ1	623.75	After	Left Exterior Girder	78.75	0.95	1	1	3.124938
Annual Permit 1_str	BOBJ1	623.75	After	Interior Girder 1	78.75	0.95	1	1	3.30273
Annual Permit 1_str	BOBJ1	623.75	After	Interior Girder 2	78.75	0.95	1	1	3.30273
Annual Permit 1_str	BOBJ1	623.75	After	Right Exterior Girder	78.75	0.95	1	1	3.124938
Annual Permit 1_str	BOBJ1	635	Before	Left Exterior Girder	90	0.95	1	1	2.124262
Annual Permit 1_str	BOBJ1	635	Before	Interior Girder 1	90	0.95	1	1	2.412727
Annual Permit 1_str	BOBJ1	635	Before	Interior Girder 2	90	0.95	1	1	2.412727
Annual Permit 1_str	BOBJ1	635	Before	Right Exterior Girder	90	0.95	1	1	2.124262
Annual Permit 1_str	BOBJ1	635	After	Left Exterior Girder	90	0.95	1	1	2.184199
Annual Permit 1_str	BOBJ1	635	After	Interior Girder 1	90	0.95	1	1	2.380364
Annual Permit 1_str	BOBJ1	635	After	Interior Girder 2	90	0.95	1	1	2.380364
Annual Permit 1_str	BOBJ1	635	After	Right Exterior Girder	90	0.95	1	1	2.1842
Annual Permit 1_str	BOBJ1	643.5619	Before	Left Exterior Girder	98.5619	0.95	1	1	1.6781
Annual Permit 1_str	BOBJ1	643.5619	Before	Interior Girder 1	98.5619	0.95	1	1	1.869393
Annual Permit 1_str	BOBJ1	643.5619	Before	Interior Girder 2	98.5619	0.95	1	1	1.869393
Annual Permit 1_str	BOBJ1	643.5619	Before	Right Exterior Girder	98.5619	0.95	1	1	1.6781
Annual Permit 1_str	BOBJ1	643.5619	After	Left Exterior Girder	98.5619	0.95	1	1	3.183898
Annual Permit 1_str	BOBJ1	643.5619	After	Interior Girder 1	98.5619	0.95	1	1	3.532462
Annual Permit 1_str	BOBJ1	643.5619	After	Interior Girder 2	98.5619	0.95	1	1	3.532461
Annual Permit 1_str	BOBJ1	643.5619	After	Right Exterior Girder	98.5619	0.95	1	1	3.183898
Annual Permit 1_str	BOBJ1	646.25	Before	Left Exterior Girder	101.25	0.95	1	1	3.016141
Annual Permit 1_str	BOBJ1	646.25	Before	Interior Girder 1	101.25	0.95	1	1	3.376601
Annual Permit 1_str	BOBJ1	646.25	Before	Interior Girder 2	101.25	0.95	1	1	3.376601
Annual Permit 1_str	BOBJ1	646.25	Before	Right Exterior Girder	101.25	0.95	1	1	3.016141
Annual Permit 1_str	BOBJ1	646.25	After	Left Exterior Girder	101.25	0.95	1	1	3.018429
Annual Permit 1_str	BOBJ1	646.25	After	Interior Girder 1	101.25	0.95	1	1	3.378077
Annual Permit 1_str	BOBJ1	646.25	After	Interior Girder 2	101.25	0.95	1	1	3.378077
Annual Permit 1_str	BOBJ1	646.25	After	Right Exterior Girder	101.25	0.95	1	1	3.018429
Annual Permit 1_str	BOBJ1	657.5	Before	Left Exterior Girder	112.5	0.95	1	1	2.491053
Annual Permit 1_str	BOBJ1	657.5	Before	Interior Girder 1	112.5	0.95	1	1	2.888319
Annual Permit 1_str	BOBJ1	657.5	Before	Interior Girder 2	112.5	0.95	1	1	2.888318
Annual Permit 1_str	BOBJ1	657.5	Before	Right Exterior Girder	112.5	0.95	1	1	2.491053
Annual Permit 1_str	BOBJ1	657.5	After	Left Exterior Girder	112.5	0.95	1	1	2.514744
Annual Permit 1_str	BOBJ1	657.5	After	Interior Girder 1	112.5	0.95	1	1	2.86916
Annual Permit 1_str	BOBJ1	657.5	After	Interior Girder 2	112.5	0.95	1	1	2.86916
Annual Permit 1_str	BOBJ1	657.5	After	Right Exterior Girder	112.5	0.95	1	1	2.514744
Annual Permit 1_str	BOBJ1	668.75	Before	Left Exterior Girder	123.75	0.95	1	1	2.203558
Annual Permit 1_str	BOBJ1	668.75	Before	Interior Girder 1	123.75	0.95	1	1	2.522136
Annual Permit 1_str	BOBJ1	668.75	Before	Interior Girder 2	123.75	0.95	1	1	2.522136
Annual Permit 1_str	BOBJ1	668.75	Before	Right Exterior Girder	123.75	0.95	1	1	2.203558
Annual Permit 1_str	BOBJ1	668.75	After	Left Exterior Girder	123.75	0.95	1	1	2.205749
Annual Permit 1_str	BOBJ1	668.75	After	Interior Girder 1	123.75	0.95	1	1	2.521061
Annual Permit 1_str	BOBJ1	668.75	After	Interior Girder 2	123.75	0.95	1	1	2.521061
Annual Permit 1_str	BOBJ1	668.75	After	Right Exterior Girder	123.75	0.95	1	1	2.205749
Annual Permit 1_str	BOBJ1	680	Before	Left Exterior Girder	135	0.95	1	1	2.018176
Annual Permit 1_str	BOBJ1	680	Before	Interior Girder 1	135	0.95	1	1	2.334746
Annual Permit 1_str	BOBJ1	680	Before	Interior Girder 2	135	0.95	1	1	2.334746
Annual Permit 1_str	BOBJ1	680	Before	Right Exterior Girder	135	0.95	1	1	2.018176
Annual Permit 1_str	BOBJ1	680	After	Left Exterior Girder	135	0.95	1	1	2.012191
Annual Permit 1_str	BOBJ1	680	After	Interior Girder 1	135	0.95	1	1	2.350715
Annual Permit 1_str	BOBJ1	680	After	Interior Girder 2	135	0.95	1	1	2.350715
Annual Permit 1_str	BOBJ1	680	After	Right Exterior Girder	135	0.95	1	1	2.012191
Annual Permit 1_str	BOBJ1	691.25	Before	Left Exterior Girder	146.25	0.95	1	1	1.96174
Annual Permit 1_str	BOBJ1	691.25	Before	Interior Girder 1	146.25	0.95	1	1	2.240989
Annual Permit 1_str	BOBJ1	691.25	Before	Interior Girder 2	146.25	0.95	1	1	2.240989
Annual Permit 1_str	BOBJ1	691.25	Before	Right Exterior Girder	146.25	0.95	1	1	1.96174
Annual Permit 1_str	BOBJ1	691.25	After	Left Exterior Girder	146.25	0.95	1	1	1.960727
Annual Permit 1_str	BOBJ1	691.25	After	Interior Girder 1	146.25	0.95	1	1	2.242975
Annual Permit 1_str	BOBJ1	691.25	After	Interior Girder 2	146.25	0.95	1	1	2.242976
Annual Permit 1_str	BOBJ1	691.25	After	Right Exterior Girder	146.25	0.95	1	1	1.960727
Annual Permit 1_str	BOBJ1	702.5	Before	Left Exterior Girder	157.5	0.95	1	1	2.036639
Annual Permit 1_str	BOBJ1	702.5	Before	Interior Girder 1	157.5	0.95	1	1	2.30954
Annual Permit 1_str	BOBJ1	702.5	Before	Interior Girder 2	157.5	0.95	1	1	2.30954
Annual Permit 1_str	BOBJ1	702.5	Before	Right Exterior Girder	157.5	0.95	1	1	2.036639
Annual Permit 1_str	BOBJ1	702.5	After	Left Exterior Girder	157.5	0.95	1	1	2.001484
Annual Permit 1_str	BOBJ1	702.5	After	Interior Girder 1	157.5	0.95	1	1	2.338272
Annual Permit 1_str	BOBJ1	702.5	After	Interior Girder 2	157.5	0.95	1	1	2.338272
Annual Permit 1_str	BOBJ1	702.5	After	Right Exterior Girder	157.5	0.95	1	1	2.001484

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelINonCompStrgth-Flx - Main Span Girders									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Annual Permit 1_str	BOBJ1	713.75	Before	Left Exterior Girder	168.75	0.95	1	1	2.264436
Annual Permit 1_str	BOBJ1	713.75	Before	Interior Girder 1	168.75	0.95	1	1	2.537676
Annual Permit 1_str	BOBJ1	713.75	Before	Interior Girder 2	168.75	0.95	1	1	2.537676
Annual Permit 1_str	BOBJ1	713.75	Before	Right Exterior Girder	168.75	0.95	1	1	2.264436
Annual Permit 1_str	BOBJ1	713.75	After	Left Exterior Girder	168.75	0.95	1	1	2.259462
Annual Permit 1_str	BOBJ1	713.75	After	Interior Girder 1	168.75	0.95	1	1	2.54289
Annual Permit 1_str	BOBJ1	713.75	After	Interior Girder 2	168.75	0.95	1	1	2.54289
Annual Permit 1_str	BOBJ1	713.75	After	Right Exterior Girder	168.75	0.95	1	1	2.259462
Annual Permit 1_str	BOBJ1	725	Before	Left Exterior Girder	180	0.95	1	1	2.767417
Annual Permit 1_str	BOBJ1	725	Before	Interior Girder 1	180	0.95	1	1	3.008546
Annual Permit 1_str	BOBJ1	725	Before	Interior Girder 2	180	0.95	1	1	3.008546
Annual Permit 1_str	BOBJ1	725	Before	Right Exterior Girder	180	0.95	1	1	2.767417
Annual Permit 1_str	BOBJ1	725	After	Left Exterior Girder	180	0.95	1	1	2.683207
Annual Permit 1_str	BOBJ1	725	After	Interior Girder 1	180	0.95	1	1	3.082701
Annual Permit 1_str	BOBJ1	725	After	Interior Girder 2	180	0.95	1	1	3.082701
Annual Permit 1_str	BOBJ1	725	After	Right Exterior Girder	180	0.95	1	1	2.683207
Annual Permit 1_str	BOBJ1	731.1726	Before	Left Exterior Girder	186.1726	0.95	1	1	3.114715
Annual Permit 1_str	BOBJ1	731.1726	Before	Interior Girder 1	186.1726	0.95	1	1	3.453371
Annual Permit 1_str	BOBJ1	731.1726	Before	Interior Girder 2	186.1726	0.95	1	1	3.453371
Annual Permit 1_str	BOBJ1	731.1726	Before	Right Exterior Girder	186.1726	0.95	1	1	3.114715
Annual Permit 1_str	BOBJ1	731.1726	After	Left Exterior Girder	186.1726	0.95	1	1	1.332817
Annual Permit 1_str	BOBJ1	731.1726	After	Interior Girder 1	186.1726	0.95	1	1	1.480355
Annual Permit 1_str	BOBJ1	731.1726	After	Interior Girder 2	186.1726	0.95	1	1	1.480355
Annual Permit 1_str	BOBJ1	731.1726	After	Right Exterior Girder	186.1726	0.95	1	1	1.332817
Annual Permit 1_str	BOBJ1	736.25	Before	Left Exterior Girder	191.25	0.95	1	1	1.636329
Annual Permit 1_str	BOBJ1	736.25	Before	Interior Girder 1	191.25	0.95	1	1	1.750098
Annual Permit 1_str	BOBJ1	736.25	Before	Interior Girder 2	191.25	0.95	1	1	1.750098
Annual Permit 1_str	BOBJ1	736.25	Before	Right Exterior Girder	191.25	0.95	1	1	1.636329
Annual Permit 1_str	BOBJ1	736.25	After	Left Exterior Girder	191.25	0.95	1	1	1.628344
Annual Permit 1_str	BOBJ1	736.25	After	Interior Girder 1	191.25	0.95	1	1	1.752147
Annual Permit 1_str	BOBJ1	736.25	After	Interior Girder 2	191.25	0.95	1	1	1.752147
Annual Permit 1_str	BOBJ1	736.25	After	Right Exterior Girder	191.25	0.95	1	1	1.628344
Annual Permit 1_str	BOBJ1	747.5	Before	Left Exterior Girder	202.5	0.95	1	1	2.856144
Annual Permit 1_str	BOBJ1	747.5	Before	Interior Girder 1	202.5	0.95	1	1	2.838747
Annual Permit 1_str	BOBJ1	747.5	Before	Interior Girder 2	202.5	0.95	1	1	2.838747
Annual Permit 1_str	BOBJ1	747.5	Before	Right Exterior Girder	202.5	0.95	1	1	2.856144
Annual Permit 1_str	BOBJ1	747.5	After	Left Exterior Girder	202.5	0.95	1	1	2.673281
Annual Permit 1_str	BOBJ1	747.5	After	Interior Girder 1	202.5	0.95	1	1	2.852857
Annual Permit 1_str	BOBJ1	747.5	After	Interior Girder 2	202.5	0.95	1	1	2.852857
Annual Permit 1_str	BOBJ1	747.5	After	Right Exterior Girder	202.5	0.95	1	1	2.67328
Annual Permit 1_str	BOBJ1	758.75	Before	Left Exterior Girder	213.75	0.95	1	1	6.361489
Annual Permit 1_str	BOBJ1	758.75	Before	Interior Girder 1	213.75	0.95	1	1	5.996643
Annual Permit 1_str	BOBJ1	758.75	Before	Interior Girder 2	213.75	0.95	1	1	5.996643
Annual Permit 1_str	BOBJ1	758.75	Before	Right Exterior Girder	213.75	0.95	1	1	6.361487
Annual Permit 1_str	BOBJ1	758.75	After	Left Exterior Girder	213.75	0.95	1	1	6.317154
Annual Permit 1_str	BOBJ1	758.75	After	Interior Girder 1	213.75	0.95	1	1	5.930549
Annual Permit 1_str	BOBJ1	758.75	After	Interior Girder 2	213.75	0.95	1	1	5.930549
Annual Permit 1_str	BOBJ1	758.75	After	Right Exterior Girder	213.75	0.95	1	1	6.317151
Annual Permit 1_str	BOBJ1	770	Before	Left Exterior Girder	225	0.95	1	1	117.979586
Annual Permit 1_str	BOBJ1	770	Before	Interior Girder 1	225	0.95	1	1	130.098879
Annual Permit 1_str	BOBJ1	770	Before	Interior Girder 2	225	0.95	1	1	130.098391
Annual Permit 1_str	BOBJ1	770	Before	Right Exterior Girder	225	0.95	1	1	117.980185
Annual Permit 2_str	BOBJ1	0	After	Left Exterior Girder	0	0.95	1	1	113.611239
Annual Permit 2_str	BOBJ1	0	After	Interior Girder 1	0	0.95	1	1	124.632018
Annual Permit 2_str	BOBJ1	0	After	Interior Girder 2	0	0.95	1	1	124.63193
Annual Permit 2_str	BOBJ1	0	After	Right Exterior Girder	0	0.95	1	1	113.611234
Annual Permit 2_str	BOBJ1	11.25	Before	Left Exterior Girder	11.25	0.95	1	1	6.00989
Annual Permit 2_str	BOBJ1	11.25	Before	Interior Girder 1	11.25	0.95	1	1	5.55764
Annual Permit 2_str	BOBJ1	11.25	Before	Interior Girder 2	11.25	0.95	1	1	5.557641
Annual Permit 2_str	BOBJ1	11.25	Before	Right Exterior Girder	11.25	0.95	1	1	6.009889
Annual Permit 2_str	BOBJ1	11.25	After	Left Exterior Girder	11.25	0.95	1	1	6.04853
Annual Permit 2_str	BOBJ1	11.25	After	Interior Girder 1	11.25	0.95	1	1	5.666314
Annual Permit 2_str	BOBJ1	11.25	After	Interior Girder 2	11.25	0.95	1	1	5.666315
Annual Permit 2_str	BOBJ1	11.25	After	Right Exterior Girder	11.25	0.95	1	1	6.04853
Annual Permit 2_str	BOBJ1	22.5	Before	Left Exterior Girder	22.5	0.95	1	1	2.538977
Annual Permit 2_str	BOBJ1	22.5	Before	Interior Girder 1	22.5	0.95	1	1	2.641333
Annual Permit 2_str	BOBJ1	22.5	Before	Interior Girder 2	22.5	0.95	1	1	2.641333
Annual Permit 2_str	BOBJ1	22.5	Before	Right Exterior Girder	22.5	0.95	1	1	2.538977

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelNonCompStrgth-Flx - Main Span Girders									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Annual Permit 2_str	BOBJ1	22.5	After	Left Exterior Girder	22.5	0.95	1	1	2.700521
Annual Permit 2_str	BOBJ1	22.5	After	Interior Girder 1	22.5	0.95	1	1	2.676363
Annual Permit 2_str	BOBJ1	22.5	After	Interior Girder 2	22.5	0.95	1	1	2.676364
Annual Permit 2_str	BOBJ1	22.5	After	Right Exterior Girder	22.5	0.95	1	1	2.700521
Annual Permit 2_str	BOBJ1	33.75	Before	Left Exterior Girder	33.75	0.95	1	1	1.53123
Annual Permit 2_str	BOBJ1	33.75	Before	Interior Girder 1	33.75	0.95	1	1	1.616459
Annual Permit 2_str	BOBJ1	33.75	Before	Interior Girder 2	33.75	0.95	1	1	1.616459
Annual Permit 2_str	BOBJ1	33.75	Before	Right Exterior Girder	33.75	0.95	1	1	1.53123
Annual Permit 2_str	BOBJ1	33.75	After	Left Exterior Girder	33.75	0.95	1	1	1.538069
Annual Permit 2_str	BOBJ1	33.75	After	Interior Girder 1	33.75	0.95	1	1	1.615729
Annual Permit 2_str	BOBJ1	33.75	After	Interior Girder 2	33.75	0.95	1	1	1.615729
Annual Permit 2_str	BOBJ1	33.75	After	Right Exterior Girder	33.75	0.95	1	1	1.538069
Annual Permit 2_str	BOBJ1	38.8274	Before	Left Exterior Girder	38.8274	0.95	1	1	1.247706
Annual Permit 2_str	BOBJ1	38.8274	Before	Interior Girder 1	38.8274	0.95	1	1	1.358853
Annual Permit 2_str	BOBJ1	38.8274	Before	Interior Girder 2	38.8274	0.95	1	1	1.358853
Annual Permit 2_str	BOBJ1	38.8274	Before	Right Exterior Girder	38.8274	0.95	1	1	1.247706
Annual Permit 2_str	BOBJ1	38.8274	After	Left Exterior Girder	38.8274	0.95	1	1	2.914288
Annual Permit 2_str	BOBJ1	38.8274	After	Interior Girder 1	38.8274	0.95	1	1	3.173924
Annual Permit 2_str	BOBJ1	38.8274	After	Interior Girder 2	38.8274	0.95	1	1	3.173924
Annual Permit 2_str	BOBJ1	38.8274	After	Right Exterior Girder	38.8274	0.95	1	1	2.914288
Annual Permit 2_str	BOBJ1	45	Before	Left Exterior Girder	45	0.95	1	1	2.497167
Annual Permit 2_str	BOBJ1	45	Before	Interior Girder 1	45	0.95	1	1	2.828498
Annual Permit 2_str	BOBJ1	45	Before	Interior Girder 2	45	0.95	1	1	2.828498
Annual Permit 2_str	BOBJ1	45	Before	Right Exterior Girder	45	0.95	1	1	2.497167
Annual Permit 2_str	BOBJ1	45	After	Left Exterior Girder	45	0.95	1	1	2.563739
Annual Permit 2_str	BOBJ1	45	After	Interior Girder 1	45	0.95	1	1	2.770522
Annual Permit 2_str	BOBJ1	45	After	Interior Girder 2	45	0.95	1	1	2.770522
Annual Permit 2_str	BOBJ1	45	After	Right Exterior Girder	45	0.95	1	1	2.563739
Annual Permit 2_str	BOBJ1	56.25	Before	Left Exterior Girder	56.25	0.95	1	1	2.10093
Annual Permit 2_str	BOBJ1	56.25	Before	Interior Girder 1	56.25	0.95	1	1	2.33621
Annual Permit 2_str	BOBJ1	56.25	Before	Interior Girder 2	56.25	0.95	1	1	2.33621
Annual Permit 2_str	BOBJ1	56.25	Before	Right Exterior Girder	56.25	0.95	1	1	2.100931
Annual Permit 2_str	BOBJ1	56.25	After	Left Exterior Girder	56.25	0.95	1	1	2.10485
Annual Permit 2_str	BOBJ1	56.25	After	Interior Girder 1	56.25	0.95	1	1	2.334892
Annual Permit 2_str	BOBJ1	56.25	After	Interior Girder 2	56.25	0.95	1	1	2.334892
Annual Permit 2_str	BOBJ1	56.25	After	Right Exterior Girder	56.25	0.95	1	1	2.10485
Annual Permit 2_str	BOBJ1	67.5	Before	Left Exterior Girder	67.5	0.95	1	1	1.863016
Annual Permit 2_str	BOBJ1	67.5	Before	Interior Girder 1	67.5	0.95	1	1	2.142981
Annual Permit 2_str	BOBJ1	67.5	Before	Interior Girder 2	67.5	0.95	1	1	2.14298
Annual Permit 2_str	BOBJ1	67.5	Before	Right Exterior Girder	67.5	0.95	1	1	1.863016
Annual Permit 2_str	BOBJ1	67.5	After	Left Exterior Girder	67.5	0.95	1	1	1.893056
Annual Permit 2_str	BOBJ1	67.5	After	Interior Girder 1	67.5	0.95	1	1	2.120476
Annual Permit 2_str	BOBJ1	67.5	After	Interior Girder 2	67.5	0.95	1	1	2.120476
Annual Permit 2_str	BOBJ1	67.5	After	Right Exterior Girder	67.5	0.95	1	1	1.893056
Annual Permit 2_str	BOBJ1	78.75	Before	Left Exterior Girder	78.75	0.95	1	1	1.812802
Annual Permit 2_str	BOBJ1	78.75	Before	Interior Girder 1	78.75	0.95	1	1	2.041269
Annual Permit 2_str	BOBJ1	78.75	Before	Interior Girder 2	78.75	0.95	1	1	2.041269
Annual Permit 2_str	BOBJ1	78.75	Before	Right Exterior Girder	78.75	0.95	1	1	1.812802
Annual Permit 2_str	BOBJ1	78.75	After	Left Exterior Girder	78.75	0.95	1	1	1.813007
Annual Permit 2_str	BOBJ1	78.75	After	Interior Girder 1	78.75	0.95	1	1	2.040471
Annual Permit 2_str	BOBJ1	78.75	After	Interior Girder 2	78.75	0.95	1	1	2.04047
Annual Permit 2_str	BOBJ1	78.75	After	Right Exterior Girder	78.75	0.95	1	1	1.813007
Annual Permit 2_str	BOBJ1	90	Before	Left Exterior Girder	90	0.95	1	1	1.85082
Annual Permit 2_str	BOBJ1	90	Before	Interior Girder 1	90	0.95	1	1	2.12224
Annual Permit 2_str	BOBJ1	90	Before	Interior Girder 2	90	0.95	1	1	2.12224
Annual Permit 2_str	BOBJ1	90	Before	Right Exterior Girder	90	0.95	1	1	1.85082
Annual Permit 2_str	BOBJ1	90	After	Left Exterior Girder	90	0.95	1	1	1.855622
Annual Permit 2_str	BOBJ1	90	After	Interior Girder 1	90	0.95	1	1	2.112472
Annual Permit 2_str	BOBJ1	90	After	Interior Girder 2	90	0.95	1	1	2.112472
Annual Permit 2_str	BOBJ1	90	After	Right Exterior Girder	90	0.95	1	1	1.855622
Annual Permit 2_str	BOBJ1	101.25	Before	Left Exterior Girder	101.25	0.95	1	1	2.023775
Annual Permit 2_str	BOBJ1	101.25	Before	Interior Girder 1	101.25	0.95	1	1	2.275113
Annual Permit 2_str	BOBJ1	101.25	Before	Interior Girder 2	101.25	0.95	1	1	2.275113
Annual Permit 2_str	BOBJ1	101.25	Before	Right Exterior Girder	101.25	0.95	1	1	2.023775
Annual Permit 2_str	BOBJ1	101.25	After	Left Exterior Girder	101.25	0.95	1	1	2.021706
Annual Permit 2_str	BOBJ1	101.25	After	Interior Girder 1	101.25	0.95	1	1	2.275139
Annual Permit 2_str	BOBJ1	101.25	After	Interior Girder 2	101.25	0.95	1	1	2.275139
Annual Permit 2_str	BOBJ1	101.25	After	Right Exterior Girder	101.25	0.95	1	1	2.021706

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelINonCompStrgth-Flx - Main Span Girders									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Annual Permit 2_str	BOBJ1	112.5	Before	Left Exterior Girder	112.5	0.95	1	1	2.320474
Annual Permit 2_str	BOBJ1	112.5	Before	Interior Girder 1	112.5	0.95	1	1	2.613474
Annual Permit 2_str	BOBJ1	112.5	Before	Interior Girder 2	112.5	0.95	1	1	2.613474
Annual Permit 2_str	BOBJ1	112.5	Before	Right Exterior Girder	112.5	0.95	1	1	2.320474
Annual Permit 2_str	BOBJ1	112.5	After	Left Exterior Girder	112.5	0.95	1	1	2.301375
Annual Permit 2_str	BOBJ1	112.5	After	Interior Girder 1	112.5	0.95	1	1	2.627756
Annual Permit 2_str	BOBJ1	112.5	After	Interior Girder 2	112.5	0.95	1	1	2.627756
Annual Permit 2_str	BOBJ1	112.5	After	Right Exterior Girder	112.5	0.95	1	1	2.301375
Annual Permit 2_str	BOBJ1	123.75	Before	Left Exterior Girder	123.75	0.95	1	1	2.79661
Annual Permit 2_str	BOBJ1	123.75	Before	Interior Girder 1	123.75	0.95	1	1	3.094304
Annual Permit 2_str	BOBJ1	123.75	Before	Interior Girder 2	123.75	0.95	1	1	3.094304
Annual Permit 2_str	BOBJ1	123.75	Before	Right Exterior Girder	123.75	0.95	1	1	2.79661
Annual Permit 2_str	BOBJ1	123.75	After	Left Exterior Girder	123.75	0.95	1	1	2.794932
Annual Permit 2_str	BOBJ1	123.75	After	Interior Girder 1	123.75	0.95	1	1	3.091759
Annual Permit 2_str	BOBJ1	123.75	After	Interior Girder 2	123.75	0.95	1	1	3.09176
Annual Permit 2_str	BOBJ1	123.75	After	Right Exterior Girder	123.75	0.95	1	1	2.794932
Annual Permit 2_str	BOBJ1	126.4381	Before	Left Exterior Girder	126.4381	0.95	1	1	2.950015
Annual Permit 2_str	BOBJ1	126.4381	Before	Interior Girder 1	126.4381	0.95	1	1	3.239737
Annual Permit 2_str	BOBJ1	126.4381	Before	Interior Girder 2	126.4381	0.95	1	1	3.239738
Annual Permit 2_str	BOBJ1	126.4381	Before	Right Exterior Girder	126.4381	0.95	1	1	2.950015
Annual Permit 2_str	BOBJ1	126.4381	After	Left Exterior Girder	126.4381	0.95	1	1	1.555575
Annual Permit 2_str	BOBJ1	126.4381	After	Interior Girder 1	126.4381	0.95	1	1	1.712544
Annual Permit 2_str	BOBJ1	126.4381	After	Interior Girder 2	126.4381	0.95	1	1	1.712544
Annual Permit 2_str	BOBJ1	126.4381	After	Right Exterior Girder	126.4381	0.95	1	1	1.555575
Annual Permit 2_str	BOBJ1	135	Before	Left Exterior Girder	135	0.95	1	1	2.021823
Annual Permit 2_str	BOBJ1	135	Before	Interior Girder 1	135	0.95	1	1	2.186376
Annual Permit 2_str	BOBJ1	135	Before	Interior Girder 2	135	0.95	1	1	2.186376
Annual Permit 2_str	BOBJ1	135	Before	Right Exterior Girder	135	0.95	1	1	2.021823
Annual Permit 2_str	BOBJ1	135	After	Left Exterior Girder	135	0.95	1	1	1.96999
Annual Permit 2_str	BOBJ1	135	After	Interior Girder 1	135	0.95	1	1	2.213913
Annual Permit 2_str	BOBJ1	135	After	Interior Girder 2	135	0.95	1	1	2.213913
Annual Permit 2_str	BOBJ1	135	After	Right Exterior Girder	135	0.95	1	1	1.96999
Annual Permit 2_str	BOBJ1	146.25	Before	Left Exterior Girder	146.25	0.95	1	1	2.880625
Annual Permit 2_str	BOBJ1	146.25	Before	Interior Girder 1	146.25	0.95	1	1	3.033896
Annual Permit 2_str	BOBJ1	146.25	Before	Interior Girder 2	146.25	0.95	1	1	3.033896
Annual Permit 2_str	BOBJ1	146.25	Before	Right Exterior Girder	146.25	0.95	1	1	2.880625
Annual Permit 2_str	BOBJ1	146.25	After	Left Exterior Girder	146.25	0.95	1	1	2.872122
Annual Permit 2_str	BOBJ1	146.25	After	Interior Girder 1	146.25	0.95	1	1	3.034615
Annual Permit 2_str	BOBJ1	146.25	After	Interior Girder 2	146.25	0.95	1	1	3.034614
Annual Permit 2_str	BOBJ1	146.25	After	Right Exterior Girder	146.25	0.95	1	1	2.872122
Annual Permit 2_str	BOBJ1	157.5	Before	Left Exterior Girder	157.5	0.95	1	1	3.341636
Annual Permit 2_str	BOBJ1	157.5	Before	Interior Girder 1	157.5	0.95	1	1	3.812549
Annual Permit 2_str	BOBJ1	157.5	Before	Interior Girder 2	157.5	0.95	1	1	3.812549
Annual Permit 2_str	BOBJ1	157.5	Before	Right Exterior Girder	157.5	0.95	1	1	3.341636
Annual Permit 2_str	BOBJ1	157.5	After	Left Exterior Girder	157.5	0.95	1	1	2.350678
Annual Permit 2_str	BOBJ1	157.5	After	Interior Girder 1	157.5	0.95	1	1	2.730348
Annual Permit 2_str	BOBJ1	157.5	After	Interior Girder 2	157.5	0.95	1	1	2.730348
Annual Permit 2_str	BOBJ1	157.5	After	Right Exterior Girder	157.5	0.95	1	1	2.350678
Annual Permit 2_str	BOBJ1	168.2522	Before	Left Exterior Girder	168.2522	0.95	1	1	1.136776
Annual Permit 2_str	BOBJ1	168.2522	Before	Interior Girder 1	168.2522	0.95	1	1	1.305055
Annual Permit 2_str	BOBJ1	168.2522	Before	Interior Girder 2	168.2522	0.95	1	1	1.305055
Annual Permit 2_str	BOBJ1	168.2522	Before	Right Exterior Girder	168.2522	0.95	1	1	1.136776
Annual Permit 2_str	BOBJ1	168.2522	After	Left Exterior Girder	168.2522	0.95	1	1	3.575556
Annual Permit 2_str	BOBJ1	168.2522	After	Interior Girder 1	168.2522	0.95	1	1	4.065962
Annual Permit 2_str	BOBJ1	168.2522	After	Interior Girder 2	168.2522	0.95	1	1	4.065962
Annual Permit 2_str	BOBJ1	168.2522	After	Right Exterior Girder	168.2522	0.95	1	1	3.575556
Annual Permit 2_str	BOBJ1	168.75	Before	Left Exterior Girder	168.75	0.95	1	1	3.509683
Annual Permit 2_str	BOBJ1	168.75	Before	Interior Girder 1	168.75	0.95	1	1	3.995074
Annual Permit 2_str	BOBJ1	168.75	Before	Interior Girder 2	168.75	0.95	1	1	3.995074
Annual Permit 2_str	BOBJ1	168.75	Before	Right Exterior Girder	168.75	0.95	1	1	3.509683
Annual Permit 2_str	BOBJ1	168.75	After	Left Exterior Girder	168.75	0.95	1	1	3.517247
Annual Permit 2_str	BOBJ1	168.75	After	Interior Girder 1	168.75	0.95	1	1	3.989464
Annual Permit 2_str	BOBJ1	168.75	After	Interior Girder 2	168.75	0.95	1	1	3.989464
Annual Permit 2_str	BOBJ1	168.75	After	Right Exterior Girder	168.75	0.95	1	1	3.517247
Annual Permit 2_str	BOBJ1	180	Before	Left Exterior Girder	180	0.95	1	1	2.136436
Annual Permit 2_str	BOBJ1	180	Before	Interior Girder 1	180	0.95	1	1	2.375098
Annual Permit 2_str	BOBJ1	180	Before	Interior Girder 2	180	0.95	1	1	2.375098
Annual Permit 2_str	BOBJ1	180	Before	Right Exterior Girder	180	0.95	1	1	2.136436

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelINonCompStrgth-Flx - Main Span Girders									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Annual Permit 2_str	BOBJ1	180	After	Left Exterior Girder	180	0.95	1	1	2.899243
Annual Permit 2_str	BOBJ1	180	After	Interior Girder 1	180	0.95	1	1	3.354323
Annual Permit 2_str	BOBJ1	180	After	Interior Girder 2	180	0.95	1	1	3.354323
Annual Permit 2_str	BOBJ1	180	After	Right Exterior Girder	180	0.95	1	1	2.899244
Annual Permit 2_str	BOBJ1	183.1858	Before	Left Exterior Girder	183.1858	0.95	1	1	2.507343
Annual Permit 2_str	BOBJ1	183.1858	Before	Interior Girder 1	183.1858	0.95	1	1	2.880353
Annual Permit 2_str	BOBJ1	183.1858	Before	Interior Girder 2	183.1858	0.95	1	1	2.880353
Annual Permit 2_str	BOBJ1	183.1858	Before	Right Exterior Girder	183.1858	0.95	1	1	2.507343
Annual Permit 2_str	BOBJ1	183.1858	After	Left Exterior Girder	183.1858	0.95	1	1	5.612338
Annual Permit 2_str	BOBJ1	183.1858	After	Interior Girder 1	183.1858	0.95	1	1	6.428628
Annual Permit 2_str	BOBJ1	183.1858	After	Interior Girder 2	183.1858	0.95	1	1	6.428628
Annual Permit 2_str	BOBJ1	183.1858	After	Right Exterior Girder	183.1858	0.95	1	1	5.612338
Annual Permit 2_str	BOBJ1	191.25	Before	Left Exterior Girder	191.25	0.95	1	1	4.503762
Annual Permit 2_str	BOBJ1	191.25	Before	Interior Girder 1	191.25	0.95	1	1	5.044507
Annual Permit 2_str	BOBJ1	191.25	Before	Interior Girder 2	191.25	0.95	1	1	5.044507
Annual Permit 2_str	BOBJ1	191.25	Before	Right Exterior Girder	191.25	0.95	1	1	4.503762
Annual Permit 2_str	BOBJ1	191.25	After	Left Exterior Girder	191.25	0.95	1	1	4.515047
Annual Permit 2_str	BOBJ1	191.25	After	Interior Girder 1	191.25	0.95	1	1	5.039731
Annual Permit 2_str	BOBJ1	191.25	After	Interior Girder 2	191.25	0.95	1	1	5.039731
Annual Permit 2_str	BOBJ1	191.25	After	Right Exterior Girder	191.25	0.95	1	1	4.515047
Annual Permit 2_str	BOBJ1	199.9414	Before	Left Exterior Girder	199.9414	0.95	1	1	3.317797
Annual Permit 2_str	BOBJ1	199.9414	Before	Interior Girder 1	199.9414	0.95	1	1	3.638997
Annual Permit 2_str	BOBJ1	199.9414	Before	Interior Girder 2	199.9414	0.95	1	1	3.638997
Annual Permit 2_str	BOBJ1	199.9414	Before	Right Exterior Girder	199.9414	0.95	1	1	3.317797
Annual Permit 2_str	BOBJ1	199.9414	After	Left Exterior Girder	199.9414	0.95	1	1	5.737984
Annual Permit 2_str	BOBJ1	199.9414	After	Interior Girder 1	199.9414	0.95	1	1	6.285239
Annual Permit 2_str	BOBJ1	199.9414	After	Interior Girder 2	199.9414	0.95	1	1	6.285239
Annual Permit 2_str	BOBJ1	199.9414	After	Right Exterior Girder	199.9414	0.95	1	1	5.737984
Annual Permit 2_str	BOBJ1	202.5	Before	Left Exterior Girder	202.5	0.95	1	1	5.10707
Annual Permit 2_str	BOBJ1	202.5	Before	Interior Girder 1	202.5	0.95	1	1	5.835039
Annual Permit 2_str	BOBJ1	202.5	Before	Interior Girder 2	202.5	0.95	1	1	5.83504
Annual Permit 2_str	BOBJ1	202.5	Before	Right Exterior Girder	202.5	0.95	1	1	5.10707
Annual Permit 2_str	BOBJ1	202.5	After	Left Exterior Girder	202.5	0.95	1	1	5.300473
Annual Permit 2_str	BOBJ1	202.5	After	Interior Girder 1	202.5	0.95	1	1	6.050834
Annual Permit 2_str	BOBJ1	202.5	After	Interior Girder 2	202.5	0.95	1	1	6.050834
Annual Permit 2_str	BOBJ1	202.5	After	Right Exterior Girder	202.5	0.95	1	1	5.300473
Annual Permit 2_str	BOBJ1	210.5642	Before	Left Exterior Girder	210.5642	0.95	1	1	3.607232
Annual Permit 2_str	BOBJ1	210.5642	Before	Interior Girder 1	210.5642	0.95	1	1	4.410387
Annual Permit 2_str	BOBJ1	210.5642	Before	Interior Girder 2	210.5642	0.95	1	1	4.410387
Annual Permit 2_str	BOBJ1	210.5642	Before	Right Exterior Girder	210.5642	0.95	1	1	3.607232
Annual Permit 2_str	BOBJ1	210.5642	After	Left Exterior Girder	210.5642	0.95	1	1	5.555119
Annual Permit 2_str	BOBJ1	210.5642	After	Interior Girder 1	210.5642	0.95	1	1	6.851876
Annual Permit 2_str	BOBJ1	210.5642	After	Interior Girder 2	210.5642	0.95	1	1	6.851876
Annual Permit 2_str	BOBJ1	210.5642	After	Right Exterior Girder	210.5642	0.95	1	1	5.555119
Annual Permit 2_str	BOBJ1	213.75	Before	Left Exterior Girder	213.75	0.95	1	1	4.881982
Annual Permit 2_str	BOBJ1	213.75	Before	Interior Girder 1	213.75	0.95	1	1	5.877664
Annual Permit 2_str	BOBJ1	213.75	Before	Interior Girder 2	213.75	0.95	1	1	5.877664
Annual Permit 2_str	BOBJ1	213.75	Before	Right Exterior Girder	213.75	0.95	1	1	4.881982
Annual Permit 2_str	BOBJ1	213.75	After	Left Exterior Girder	213.75	0.95	1	1	4.880859
Annual Permit 2_str	BOBJ1	213.75	After	Interior Girder 1	213.75	0.95	1	1	5.862253
Annual Permit 2_str	BOBJ1	213.75	After	Interior Girder 2	213.75	0.95	1	1	5.862252
Annual Permit 2_str	BOBJ1	213.75	After	Right Exterior Girder	213.75	0.95	1	1	4.880859
Annual Permit 2_str	BOBJ1	225	Before	Left Exterior Girder	225	0.95	1	1	2.817709
Annual Permit 2_str	BOBJ1	225	Before	Interior Girder 1	225	0.95	1	1	3.120454
Annual Permit 2_str	BOBJ1	225	Before	Interior Girder 2	225	0.95	1	1	3.120454
Annual Permit 2_str	BOBJ1	225	Before	Right Exterior Girder	225	0.95	1	1	2.817709
Annual Permit 2_str	BOBJ1	225	After	Left Exterior Girder	0	0.95	1	1	2.541271
Annual Permit 2_str	BOBJ1	225	After	Interior Girder 1	0	0.95	1	1	2.920643
Annual Permit 2_str	BOBJ1	225	After	Interior Girder 2	0	0.95	1	1	2.920643
Annual Permit 2_str	BOBJ1	225	After	Right Exterior Girder	0	0.95	1	1	2.54127
Annual Permit 2_str	BOBJ1	236.45	Before	Left Exterior Girder	11.45	0.95	1	1	4.641793
Annual Permit 2_str	BOBJ1	236.45	Before	Interior Girder 1	11.45	0.95	1	1	5.701111
Annual Permit 2_str	BOBJ1	236.45	Before	Interior Girder 2	11.45	0.95	1	1	5.701111
Annual Permit 2_str	BOBJ1	236.45	Before	Right Exterior Girder	11.45	0.95	1	1	4.641793
Annual Permit 2_str	BOBJ1	236.45	After	Left Exterior Girder	11.45	0.95	1	1	4.649315
Annual Permit 2_str	BOBJ1	236.45	After	Interior Girder 1	11.45	0.95	1	1	5.70315
Annual Permit 2_str	BOBJ1	236.45	After	Interior Girder 2	11.45	0.95	1	1	5.70315
Annual Permit 2_str	BOBJ1	236.45	After	Right Exterior Girder	11.45	0.95	1	1	4.649315

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelINonCompStrgth-Flx - Main Span Girders									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Annual Permit 2_str	BOBJ1	239.5082	Before	Left Exterior Girder	14.5082	0.95	1	1	5.421421
Annual Permit 2_str	BOBJ1	239.5082	Before	Interior Girder 1	14.5082	0.95	1	1	6.71579
Annual Permit 2_str	BOBJ1	239.5082	Before	Interior Girder 2	14.5082	0.95	1	1	6.715791
Annual Permit 2_str	BOBJ1	239.5082	Before	Right Exterior Girder	14.5082	0.95	1	1	5.421421
Annual Permit 2_str	BOBJ1	239.5082	After	Left Exterior Girder	14.5082	0.95	1	1	3.543441
Annual Permit 2_str	BOBJ1	239.5082	After	Interior Girder 1	14.5082	0.95	1	1	4.405826
Annual Permit 2_str	BOBJ1	239.5082	After	Interior Girder 2	14.5082	0.95	1	1	4.405826
Annual Permit 2_str	BOBJ1	239.5082	After	Right Exterior Girder	14.5082	0.95	1	1	3.543441
Annual Permit 2_str	BOBJ1	247.9	Before	Left Exterior Girder	22.9	0.95	1	1	5.691096
Annual Permit 2_str	BOBJ1	247.9	Before	Interior Girder 1	22.9	0.95	1	1	7.200319
Annual Permit 2_str	BOBJ1	247.9	Before	Interior Girder 2	22.9	0.95	1	1	7.200319
Annual Permit 2_str	BOBJ1	247.9	Before	Right Exterior Girder	22.9	0.95	1	1	5.691096
Annual Permit 2_str	BOBJ1	247.9	After	Left Exterior Girder	22.9	0.95	1	1	5.501853
Annual Permit 2_str	BOBJ1	247.9	After	Interior Girder 1	22.9	0.95	1	1	7.110654
Annual Permit 2_str	BOBJ1	247.9	After	Interior Girder 2	22.9	0.95	1	1	7.110654
Annual Permit 2_str	BOBJ1	247.9	After	Right Exterior Girder	22.9	0.95	1	1	5.501853
Annual Permit 2_str	BOBJ1	258.5189	Before	Left Exterior Girder	33.5189	0.95	1	1	8.240493
Annual Permit 2_str	BOBJ1	258.5189	Before	Interior Girder 1	33.5189	0.95	1	1	9.521275
Annual Permit 2_str	BOBJ1	258.5189	Before	Interior Girder 2	33.5189	0.95	1	1	9.521275
Annual Permit 2_str	BOBJ1	258.5189	Before	Right Exterior Girder	33.5189	0.95	1	1	8.240494
Annual Permit 2_str	BOBJ1	258.5189	After	Left Exterior Girder	33.5189	0.95	1	1	5.646897
Annual Permit 2_str	BOBJ1	258.5189	After	Interior Girder 1	33.5189	0.95	1	1	6.443033
Annual Permit 2_str	BOBJ1	258.5189	After	Interior Girder 2	33.5189	0.95	1	1	6.443033
Annual Permit 2_str	BOBJ1	258.5189	After	Right Exterior Girder	33.5189	0.95	1	1	5.646897
Annual Permit 2_str	BOBJ1	259.3	Before	Left Exterior Girder	34.3	0.95	1	1	5.801555
Annual Permit 2_str	BOBJ1	259.3	Before	Interior Girder 1	34.3	0.95	1	1	6.620316
Annual Permit 2_str	BOBJ1	259.3	Before	Interior Girder 2	34.3	0.95	1	1	6.620316
Annual Permit 2_str	BOBJ1	259.3	Before	Right Exterior Girder	34.3	0.95	1	1	5.801555
Annual Permit 2_str	BOBJ1	259.3	After	Left Exterior Girder	34.3	0.95	1	1	5.80306
Annual Permit 2_str	BOBJ1	259.3	After	Interior Girder 1	34.3	0.95	1	1	6.622211
Annual Permit 2_str	BOBJ1	259.3	After	Interior Girder 2	34.3	0.95	1	1	6.62221
Annual Permit 2_str	BOBJ1	259.3	After	Right Exterior Girder	34.3	0.95	1	1	5.80306
Annual Permit 2_str	BOBJ1	266.1031	Before	Left Exterior Girder	41.1031	0.95	1	1	6.976605
Annual Permit 2_str	BOBJ1	266.1031	Before	Interior Girder 1	41.1031	0.95	1	1	8.123413
Annual Permit 2_str	BOBJ1	266.1031	Before	Interior Girder 2	41.1031	0.95	1	1	8.123413
Annual Permit 2_str	BOBJ1	266.1031	Before	Right Exterior Girder	41.1031	0.95	1	1	6.976605
Annual Permit 2_str	BOBJ1	266.1031	After	Left Exterior Girder	41.1031	0.95	1	1	3.694643
Annual Permit 2_str	BOBJ1	266.1031	After	Interior Girder 1	41.1031	0.95	1	1	4.250674
Annual Permit 2_str	BOBJ1	266.1031	After	Interior Girder 2	41.1031	0.95	1	1	4.250674
Annual Permit 2_str	BOBJ1	266.1031	After	Right Exterior Girder	41.1031	0.95	1	1	3.694643
Annual Permit 2_str	BOBJ1	270.7	Before	Left Exterior Girder	45.7	0.95	1	1	4.466326
Annual Permit 2_str	BOBJ1	270.7	Before	Interior Girder 1	45.7	0.95	1	1	5.195054
Annual Permit 2_str	BOBJ1	270.7	Before	Interior Girder 2	45.7	0.95	1	1	5.195054
Annual Permit 2_str	BOBJ1	270.7	Before	Right Exterior Girder	45.7	0.95	1	1	4.466326
Annual Permit 2_str	BOBJ1	270.7	After	Left Exterior Girder	45.7	0.95	1	1	5.300714
Annual Permit 2_str	BOBJ1	270.7	After	Interior Girder 1	45.7	0.95	1	1	6.002525
Annual Permit 2_str	BOBJ1	270.7	After	Interior Girder 2	45.7	0.95	1	1	6.002525
Annual Permit 2_str	BOBJ1	270.7	After	Right Exterior Girder	45.7	0.95	1	1	5.300714
Annual Permit 2_str	BOBJ1	273.6874	Before	Left Exterior Girder	48.6874	0.95	1	1	5.823665
Annual Permit 2_str	BOBJ1	273.6874	Before	Interior Girder 1	48.6874	0.95	1	1	6.626743
Annual Permit 2_str	BOBJ1	273.6874	Before	Interior Girder 2	48.6874	0.95	1	1	6.626743
Annual Permit 2_str	BOBJ1	273.6874	Before	Right Exterior Girder	48.6874	0.95	1	1	5.823665
Annual Permit 2_str	BOBJ1	273.6874	After	Left Exterior Girder	48.6874	0.95	1	1	2.551263
Annual Permit 2_str	BOBJ1	273.6874	After	Interior Girder 1	48.6874	0.95	1	1	2.894332
Annual Permit 2_str	BOBJ1	273.6874	After	Interior Girder 2	48.6874	0.95	1	1	2.894332
Annual Permit 2_str	BOBJ1	273.6874	After	Right Exterior Girder	48.6874	0.95	1	1	2.551263
Annual Permit 2_str	BOBJ1	282.15	Before	Left Exterior Girder	57.15	0.95	1	1	3.966203
Annual Permit 2_str	BOBJ1	282.15	Before	Interior Girder 1	57.15	0.95	1	1	4.535843
Annual Permit 2_str	BOBJ1	282.15	Before	Interior Girder 2	57.15	0.95	1	1	4.535843
Annual Permit 2_str	BOBJ1	282.15	Before	Right Exterior Girder	57.15	0.95	1	1	3.966203
Annual Permit 2_str	BOBJ1	282.15	After	Left Exterior Girder	57.15	0.95	1	1	3.964428
Annual Permit 2_str	BOBJ1	282.15	After	Interior Girder 1	57.15	0.95	1	1	4.541739
Annual Permit 2_str	BOBJ1	282.15	After	Interior Girder 2	57.15	0.95	1	1	4.541739
Annual Permit 2_str	BOBJ1	282.15	After	Right Exterior Girder	57.15	0.95	1	1	3.964428
Annual Permit 2_str	BOBJ1	293.6	Before	Left Exterior Girder	68.6	0.95	1	1	2.858146
Annual Permit 2_str	BOBJ1	293.6	Before	Interior Girder 1	68.6	0.95	1	1	2.916762
Annual Permit 2_str	BOBJ1	293.6	Before	Interior Girder 2	68.6	0.95	1	1	2.916762
Annual Permit 2_str	BOBJ1	293.6	Before	Right Exterior Girder	68.6	0.95	1	1	2.858146

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelINonCompStrgth-Flx - Main Span Girders									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Annual Permit 2_str	BOBJ1	293.6	After	Left Exterior Girder	68.6	0.95	1	1	2.99695
Annual Permit 2_str	BOBJ1	293.6	After	Interior Girder 1	68.6	0.95	1	1	2.919466
Annual Permit 2_str	BOBJ1	293.6	After	Interior Girder 2	68.6	0.95	1	1	2.919466
Annual Permit 2_str	BOBJ1	293.6	After	Right Exterior Girder	68.6	0.95	1	1	2.99695
Annual Permit 2_str	BOBJ1	305	Before	Left Exterior Girder	80	0.95	1	1	1.558424
Annual Permit 2_str	BOBJ1	305	Before	Interior Girder 1	80	0.95	1	1	1.593447
Annual Permit 2_str	BOBJ1	305	Before	Interior Girder 2	80	0.95	1	1	1.593447
Annual Permit 2_str	BOBJ1	305	Before	Right Exterior Girder	80	0.95	1	1	1.558424
Annual Permit 2_str	BOBJ1	305	After	Left Exterior Girder	80	0.95	1	1	1.559734
Annual Permit 2_str	BOBJ1	305	After	Interior Girder 1	80	0.95	1	1	1.59307
Annual Permit 2_str	BOBJ1	305	After	Interior Girder 2	80	0.95	1	1	1.59307
Annual Permit 2_str	BOBJ1	305	After	Right Exterior Girder	80	0.95	1	1	1.559734
Annual Permit 2_str	BOBJ1	306.9561	Before	Left Exterior Girder	81.9561	0.95	1	1	1.375033
Annual Permit 2_str	BOBJ1	306.9561	Before	Interior Girder 1	81.9561	0.95	1	1	1.425764
Annual Permit 2_str	BOBJ1	306.9561	Before	Interior Girder 2	81.9561	0.95	1	1	1.425764
Annual Permit 2_str	BOBJ1	306.9561	Before	Right Exterior Girder	81.9561	0.95	1	1	1.375033
Annual Permit 2_str	BOBJ1	306.9561	After	Left Exterior Girder	81.9561	0.95	1	1	3.599602
Annual Permit 2_str	BOBJ1	306.9561	After	Interior Girder 1	81.9561	0.95	1	1	3.768516
Annual Permit 2_str	BOBJ1	306.9561	After	Interior Girder 2	81.9561	0.95	1	1	3.768516
Annual Permit 2_str	BOBJ1	306.9561	After	Right Exterior Girder	81.9561	0.95	1	1	3.599602
Annual Permit 2_str	BOBJ1	316.4	Before	Left Exterior Girder	91.4	0.95	1	1	2.604742
Annual Permit 2_str	BOBJ1	316.4	Before	Interior Girder 1	91.4	0.95	1	1	2.859024
Annual Permit 2_str	BOBJ1	316.4	Before	Interior Girder 2	91.4	0.95	1	1	2.859024
Annual Permit 2_str	BOBJ1	316.4	Before	Right Exterior Girder	91.4	0.95	1	1	2.604742
Annual Permit 2_str	BOBJ1	316.4	After	Left Exterior Girder	91.4	0.95	1	1	2.661434
Annual Permit 2_str	BOBJ1	316.4	After	Interior Girder 1	91.4	0.95	1	1	2.811642
Annual Permit 2_str	BOBJ1	316.4	After	Interior Girder 2	91.4	0.95	1	1	2.811642
Annual Permit 2_str	BOBJ1	316.4	After	Right Exterior Girder	91.4	0.95	1	1	2.661434
Annual Permit 2_str	BOBJ1	327.85	Before	Left Exterior Girder	102.9679	0.95	1	1	1.872039
Annual Permit 2_str	BOBJ1	327.85	Before	Interior Girder 1	102.9679	0.95	1	1	2.006641
Annual Permit 2_str	BOBJ1	327.85	Before	Interior Girder 2	102.9679	0.95	1	1	2.006641
Annual Permit 2_str	BOBJ1	327.85	Before	Right Exterior Girder	102.9679	0.95	1	1	1.872039
Annual Permit 2_str	BOBJ1	327.85	After	Left Exterior Girder	102.9679	0.95	1	1	3.615693
Annual Permit 2_str	BOBJ1	327.85	After	Interior Girder 1	102.9679	0.95	1	1	3.931101
Annual Permit 2_str	BOBJ1	327.85	After	Interior Girder 2	102.9679	0.95	1	1	3.931101
Annual Permit 2_str	BOBJ1	327.85	After	Right Exterior Girder	102.9679	0.95	1	1	3.615693
Annual Permit 2_str	BOBJ1	339.3	Before	Left Exterior Girder	114.3	0.95	1	1	2.921623
Annual Permit 2_str	BOBJ1	339.3	Before	Interior Girder 1	114.3	0.95	1	1	3.27712
Annual Permit 2_str	BOBJ1	339.3	Before	Interior Girder 2	114.3	0.95	1	1	3.27712
Annual Permit 2_str	BOBJ1	339.3	Before	Right Exterior Girder	114.3	0.95	1	1	2.921623
Annual Permit 2_str	BOBJ1	339.3	After	Left Exterior Girder	114.3	0.95	1	1	2.956425
Annual Permit 2_str	BOBJ1	339.3	After	Interior Girder 1	114.3	0.95	1	1	3.245904
Annual Permit 2_str	BOBJ1	339.3	After	Interior Girder 2	114.3	0.95	1	1	3.245904
Annual Permit 2_str	BOBJ1	339.3	After	Right Exterior Girder	114.3	0.95	1	1	2.956425
Annual Permit 2_str	BOBJ1	350.7	Before	Left Exterior Girder	125.7	0.95	1	1	2.513466
Annual Permit 2_str	BOBJ1	350.7	Before	Interior Girder 1	125.7	0.95	1	1	2.766261
Annual Permit 2_str	BOBJ1	350.7	Before	Interior Girder 2	125.7	0.95	1	1	2.766261
Annual Permit 2_str	BOBJ1	350.7	Before	Right Exterior Girder	125.7	0.95	1	1	2.513466
Annual Permit 2_str	BOBJ1	350.7	After	Left Exterior Girder	125.7	0.95	1	1	2.512939
Annual Permit 2_str	BOBJ1	350.7	After	Interior Girder 1	125.7	0.95	1	1	2.768451
Annual Permit 2_str	BOBJ1	350.7	After	Interior Girder 2	125.7	0.95	1	1	2.768451
Annual Permit 2_str	BOBJ1	350.7	After	Right Exterior Girder	125.7	0.95	1	1	2.512939
Annual Permit 2_str	BOBJ1	362.1	Before	Left Exterior Girder	137.1	0.95	1	1	2.221886
Annual Permit 2_str	BOBJ1	362.1	Before	Interior Girder 1	137.1	0.95	1	1	2.492319
Annual Permit 2_str	BOBJ1	362.1	Before	Interior Girder 2	137.1	0.95	1	1	2.492319
Annual Permit 2_str	BOBJ1	362.1	Before	Right Exterior Girder	137.1	0.95	1	1	2.221886
Annual Permit 2_str	BOBJ1	362.1	After	Left Exterior Girder	137.1	0.95	1	1	2.23544
Annual Permit 2_str	BOBJ1	362.1	After	Interior Girder 1	137.1	0.95	1	1	2.485026
Annual Permit 2_str	BOBJ1	362.1	After	Interior Girder 2	137.1	0.95	1	1	2.485026
Annual Permit 2_str	BOBJ1	362.1	After	Right Exterior Girder	137.1	0.95	1	1	2.23544
Annual Permit 2_str	BOBJ1	373.55	Before	Left Exterior Girder	148.55	0.95	1	1	2.081428
Annual Permit 2_str	BOBJ1	373.55	Before	Interior Girder 1	148.55	0.95	1	1	2.300812
Annual Permit 2_str	BOBJ1	373.55	Before	Interior Girder 2	148.55	0.95	1	1	2.300812
Annual Permit 2_str	BOBJ1	373.55	Before	Right Exterior Girder	148.55	0.95	1	1	2.081428
Annual Permit 2_str	BOBJ1	373.55	After	Left Exterior Girder	148.55	0.95	1	1	2.08041
Annual Permit 2_str	BOBJ1	373.55	After	Interior Girder 1	148.55	0.95	1	1	2.30252
Annual Permit 2_str	BOBJ1	373.55	After	Interior Girder 2	148.55	0.95	1	1	2.30252
Annual Permit 2_str	BOBJ1	373.55	After	Right Exterior Girder	148.55	0.95	1	1	2.08041

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelINonCompStrgth-Flx - Main Span Girders									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Annual Permit 2_str	BOBJ1	385	Before	Left Exterior Girder	160	0.95	1	1	2.027168
Annual Permit 2_str	BOBJ1	385	Before	Interior Girder 1	160	0.95	1	1	2.26917
Annual Permit 2_str	BOBJ1	385	Before	Interior Girder 2	160	0.95	1	1	2.26917
Annual Permit 2_str	BOBJ1	385	Before	Right Exterior Girder	160	0.95	1	1	2.027168
Annual Permit 2_str	BOBJ1	385	After	Left Exterior Girder	160	0.95	1	1	2.027168
Annual Permit 2_str	BOBJ1	385	After	Interior Girder 1	160	0.95	1	1	2.26917
Annual Permit 2_str	BOBJ1	385	After	Interior Girder 2	160	0.95	1	1	2.26917
Annual Permit 2_str	BOBJ1	385	After	Right Exterior Girder	160	0.95	1	1	2.027168
Annual Permit 2_str	BOBJ1	396.45	Before	Left Exterior Girder	171.45	0.95	1	1	2.08041
Annual Permit 2_str	BOBJ1	396.45	Before	Interior Girder 1	171.45	0.95	1	1	2.30252
Annual Permit 2_str	BOBJ1	396.45	Before	Interior Girder 2	171.45	0.95	1	1	2.30252
Annual Permit 2_str	BOBJ1	396.45	Before	Right Exterior Girder	171.45	0.95	1	1	2.08041
Annual Permit 2_str	BOBJ1	396.45	After	Left Exterior Girder	171.45	0.95	1	1	2.081428
Annual Permit 2_str	BOBJ1	396.45	After	Interior Girder 1	171.45	0.95	1	1	2.300812
Annual Permit 2_str	BOBJ1	396.45	After	Interior Girder 2	171.45	0.95	1	1	2.300812
Annual Permit 2_str	BOBJ1	396.45	After	Right Exterior Girder	171.45	0.95	1	1	2.081428
Annual Permit 2_str	BOBJ1	407.9	Before	Left Exterior Girder	182.9	0.95	1	1	2.23544
Annual Permit 2_str	BOBJ1	407.9	Before	Interior Girder 1	182.9	0.95	1	1	2.485026
Annual Permit 2_str	BOBJ1	407.9	Before	Interior Girder 2	182.9	0.95	1	1	2.485026
Annual Permit 2_str	BOBJ1	407.9	Before	Right Exterior Girder	182.9	0.95	1	1	2.23544
Annual Permit 2_str	BOBJ1	407.9	After	Left Exterior Girder	182.9	0.95	1	1	2.221886
Annual Permit 2_str	BOBJ1	407.9	After	Interior Girder 1	182.9	0.95	1	1	2.492319
Annual Permit 2_str	BOBJ1	407.9	After	Interior Girder 2	182.9	0.95	1	1	2.492319
Annual Permit 2_str	BOBJ1	407.9	After	Right Exterior Girder	182.9	0.95	1	1	2.221886
Annual Permit 2_str	BOBJ1	419.3	Before	Left Exterior Girder	194.3	0.95	1	1	2.512939
Annual Permit 2_str	BOBJ1	419.3	Before	Interior Girder 1	194.3	0.95	1	1	2.768451
Annual Permit 2_str	BOBJ1	419.3	Before	Interior Girder 2	194.3	0.95	1	1	2.768451
Annual Permit 2_str	BOBJ1	419.3	Before	Right Exterior Girder	194.3	0.95	1	1	2.512939
Annual Permit 2_str	BOBJ1	419.3	After	Left Exterior Girder	194.3	0.95	1	1	2.513466
Annual Permit 2_str	BOBJ1	419.3	After	Interior Girder 1	194.3	0.95	1	1	2.766261
Annual Permit 2_str	BOBJ1	419.3	After	Interior Girder 2	194.3	0.95	1	1	2.766261
Annual Permit 2_str	BOBJ1	419.3	After	Right Exterior Girder	194.3	0.95	1	1	2.513466
Annual Permit 2_str	BOBJ1	430.7	Before	Left Exterior Girder	205.7	0.95	1	1	2.956425
Annual Permit 2_str	BOBJ1	430.7	Before	Interior Girder 1	205.7	0.95	1	1	3.245903
Annual Permit 2_str	BOBJ1	430.7	Before	Interior Girder 2	205.7	0.95	1	1	3.245903
Annual Permit 2_str	BOBJ1	430.7	Before	Right Exterior Girder	205.7	0.95	1	1	2.956425
Annual Permit 2_str	BOBJ1	430.7	After	Left Exterior Girder	205.7	0.95	1	1	2.921623
Annual Permit 2_str	BOBJ1	430.7	After	Interior Girder 1	205.7	0.95	1	1	3.27712
Annual Permit 2_str	BOBJ1	430.7	After	Interior Girder 2	205.7	0.95	1	1	3.27712
Annual Permit 2_str	BOBJ1	430.7	After	Right Exterior Girder	205.7	0.95	1	1	2.921623
Annual Permit 2_str	BOBJ1	442.15	Before	Left Exterior Girder	217.0321	0.95	1	1	3.609202
Annual Permit 2_str	BOBJ1	442.15	Before	Interior Girder 1	217.0321	0.95	1	1	3.929102
Annual Permit 2_str	BOBJ1	442.15	Before	Interior Girder 2	217.0321	0.95	1	1	3.929102
Annual Permit 2_str	BOBJ1	442.15	Before	Right Exterior Girder	217.0321	0.95	1	1	3.609202
Annual Permit 2_str	BOBJ1	442.15	After	Left Exterior Girder	217.0321	0.95	1	1	1.86911
Annual Permit 2_str	BOBJ1	442.15	After	Interior Girder 1	217.0321	0.95	1	1	2.005037
Annual Permit 2_str	BOBJ1	442.15	After	Interior Girder 2	217.0321	0.95	1	1	2.005037
Annual Permit 2_str	BOBJ1	442.15	After	Right Exterior Girder	217.0321	0.95	1	1	1.86911
Annual Permit 2_str	BOBJ1	453.6	Before	Left Exterior Girder	228.6	0.95	1	1	2.661434
Annual Permit 2_str	BOBJ1	453.6	Before	Interior Girder 1	228.6	0.95	1	1	2.811642
Annual Permit 2_str	BOBJ1	453.6	Before	Interior Girder 2	228.6	0.95	1	1	2.811642
Annual Permit 2_str	BOBJ1	453.6	Before	Right Exterior Girder	228.6	0.95	1	1	2.661434
Annual Permit 2_str	BOBJ1	453.6	After	Left Exterior Girder	228.6	0.95	1	1	2.604741
Annual Permit 2_str	BOBJ1	453.6	After	Interior Girder 1	228.6	0.95	1	1	2.859024
Annual Permit 2_str	BOBJ1	453.6	After	Interior Girder 2	228.6	0.95	1	1	2.859024
Annual Permit 2_str	BOBJ1	453.6	After	Right Exterior Girder	228.6	0.95	1	1	2.604741
Annual Permit 2_str	BOBJ1	463.0439	Before	Left Exterior Girder	238.0439	0.95	1	1	3.587688
Annual Permit 2_str	BOBJ1	463.0439	Before	Interior Girder 1	238.0439	0.95	1	1	3.765444
Annual Permit 2_str	BOBJ1	463.0439	Before	Interior Girder 2	238.0439	0.95	1	1	3.765444
Annual Permit 2_str	BOBJ1	463.0439	Before	Right Exterior Girder	238.0439	0.95	1	1	3.587688
Annual Permit 2_str	BOBJ1	463.0439	After	Left Exterior Girder	238.0439	0.95	1	1	1.370661
Annual Permit 2_str	BOBJ1	463.0439	After	Interior Girder 1	238.0439	0.95	1	1	1.423869
Annual Permit 2_str	BOBJ1	463.0439	After	Interior Girder 2	238.0439	0.95	1	1	1.42387
Annual Permit 2_str	BOBJ1	463.0439	After	Right Exterior Girder	238.0439	0.95	1	1	1.370661
Annual Permit 2_str	BOBJ1	465	Before	Left Exterior Girder	240	0.95	1	1	1.559734
Annual Permit 2_str	BOBJ1	465	Before	Interior Girder 1	240	0.95	1	1	1.59307
Annual Permit 2_str	BOBJ1	465	Before	Interior Girder 2	240	0.95	1	1	1.59307
Annual Permit 2_str	BOBJ1	465	Before	Right Exterior Girder	240	0.95	1	1	1.559734

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelNonCompStrgth-Flx - Main Span Girders									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Annual Permit 2_str	BOBJ1	465	After	Left Exterior Girder	240	0.95	1	1	1.558424
Annual Permit 2_str	BOBJ1	465	After	Interior Girder 1	240	0.95	1	1	1.593447
Annual Permit 2_str	BOBJ1	465	After	Interior Girder 2	240	0.95	1	1	1.593447
Annual Permit 2_str	BOBJ1	465	After	Right Exterior Girder	240	0.95	1	1	1.558424
Annual Permit 2_str	BOBJ1	476.4	Before	Left Exterior Girder	251.4	0.95	1	1	2.99695
Annual Permit 2_str	BOBJ1	476.4	Before	Interior Girder 1	251.4	0.95	1	1	2.919466
Annual Permit 2_str	BOBJ1	476.4	Before	Interior Girder 2	251.4	0.95	1	1	2.919466
Annual Permit 2_str	BOBJ1	476.4	Before	Right Exterior Girder	251.4	0.95	1	1	2.99695
Annual Permit 2_str	BOBJ1	476.4	After	Left Exterior Girder	251.4	0.95	1	1	2.858145
Annual Permit 2_str	BOBJ1	476.4	After	Interior Girder 1	251.4	0.95	1	1	2.916762
Annual Permit 2_str	BOBJ1	476.4	After	Interior Girder 2	251.4	0.95	1	1	2.916763
Annual Permit 2_str	BOBJ1	476.4	After	Right Exterior Girder	251.4	0.95	1	1	2.858145
Annual Permit 2_str	BOBJ1	487.85	Before	Left Exterior Girder	262.85	0.95	1	1	3.310946
Annual Permit 2_str	BOBJ1	487.85	Before	Interior Girder 1	262.85	0.95	1	1	3.989496
Annual Permit 2_str	BOBJ1	487.85	Before	Interior Girder 2	262.85	0.95	1	1	3.989496
Annual Permit 2_str	BOBJ1	487.85	Before	Right Exterior Girder	262.85	0.95	1	1	3.310946
Annual Permit 2_str	BOBJ1	487.85	After	Left Exterior Girder	262.85	0.95	1	1	3.313822
Annual Permit 2_str	BOBJ1	487.85	After	Interior Girder 1	262.85	0.95	1	1	3.983136
Annual Permit 2_str	BOBJ1	487.85	After	Interior Girder 2	262.85	0.95	1	1	3.983136
Annual Permit 2_str	BOBJ1	487.85	After	Right Exterior Girder	262.85	0.95	1	1	3.313822
Annual Permit 2_str	BOBJ1	496.3126	Before	Left Exterior Girder	271.3126	0.95	1	1	1.942187
Annual Permit 2_str	BOBJ1	496.3126	Before	Interior Girder 1	271.3126	0.95	1	1	2.385027
Annual Permit 2_str	BOBJ1	496.3126	Before	Interior Girder 2	271.3126	0.95	1	1	2.385027
Annual Permit 2_str	BOBJ1	496.3126	Before	Right Exterior Girder	271.3126	0.95	1	1	1.942187
Annual Permit 2_str	BOBJ1	496.3126	After	Left Exterior Girder	271.3126	0.95	1	1	5.853006
Annual Permit 2_str	BOBJ1	496.3126	After	Interior Girder 1	271.3126	0.95	1	1	6.646564
Annual Permit 2_str	BOBJ1	496.3126	After	Interior Girder 2	271.3126	0.95	1	1	6.646564
Annual Permit 2_str	BOBJ1	496.3126	After	Right Exterior Girder	271.3126	0.95	1	1	5.853006
Annual Permit 2_str	BOBJ1	499.3	Before	Left Exterior Girder	274.3	0.95	1	1	5.300714
Annual Permit 2_str	BOBJ1	499.3	Before	Interior Girder 1	274.3	0.95	1	1	6.002806
Annual Permit 2_str	BOBJ1	499.3	Before	Interior Girder 2	274.3	0.95	1	1	6.002805
Annual Permit 2_str	BOBJ1	499.3	Before	Right Exterior Girder	274.3	0.95	1	1	5.300714
Annual Permit 2_str	BOBJ1	499.3	After	Left Exterior Girder	274.3	0.95	1	1	4.466325
Annual Permit 2_str	BOBJ1	499.3	After	Interior Girder 1	274.3	0.95	1	1	5.195299
Annual Permit 2_str	BOBJ1	499.3	After	Interior Girder 2	274.3	0.95	1	1	5.195299
Annual Permit 2_str	BOBJ1	499.3	After	Right Exterior Girder	274.3	0.95	1	1	4.466326
Annual Permit 2_str	BOBJ1	503.8969	Before	Left Exterior Girder	278.8969	0.95	1	1	3.694642
Annual Permit 2_str	BOBJ1	503.8969	Before	Interior Girder 1	278.8969	0.95	1	1	4.250838
Annual Permit 2_str	BOBJ1	503.8969	Before	Interior Girder 2	278.8969	0.95	1	1	4.250838
Annual Permit 2_str	BOBJ1	503.8969	Before	Right Exterior Girder	278.8969	0.95	1	1	3.694642
Annual Permit 2_str	BOBJ1	503.8969	After	Left Exterior Girder	278.8969	0.95	1	1	6.976604
Annual Permit 2_str	BOBJ1	503.8969	After	Interior Girder 1	278.8969	0.95	1	1	8.123801
Annual Permit 2_str	BOBJ1	503.8969	After	Interior Girder 2	278.8969	0.95	1	1	8.123801
Annual Permit 2_str	BOBJ1	503.8969	After	Right Exterior Girder	278.8969	0.95	1	1	6.976605
Annual Permit 2_str	BOBJ1	510.7	Before	Left Exterior Girder	285.7	0.95	1	1	5.803059
Annual Permit 2_str	BOBJ1	510.7	Before	Interior Girder 1	285.7	0.95	1	1	6.622509
Annual Permit 2_str	BOBJ1	510.7	Before	Interior Girder 2	285.7	0.95	1	1	6.622508
Annual Permit 2_str	BOBJ1	510.7	Before	Right Exterior Girder	285.7	0.95	1	1	5.803059
Annual Permit 2_str	BOBJ1	510.7	After	Left Exterior Girder	285.7	0.95	1	1	5.801554
Annual Permit 2_str	BOBJ1	510.7	After	Interior Girder 1	285.7	0.95	1	1	6.620647
Annual Permit 2_str	BOBJ1	510.7	After	Interior Girder 2	285.7	0.95	1	1	6.620647
Annual Permit 2_str	BOBJ1	510.7	After	Right Exterior Girder	285.7	0.95	1	1	5.801555
Annual Permit 2_str	BOBJ1	511.4811	Before	Left Exterior Girder	286.4811	0.95	1	1	5.665028
Annual Permit 2_str	BOBJ1	511.4811	Before	Interior Girder 1	286.4811	0.95	1	1	6.455731
Annual Permit 2_str	BOBJ1	511.4811	Before	Interior Girder 2	286.4811	0.95	1	1	6.455731
Annual Permit 2_str	BOBJ1	511.4811	Before	Right Exterior Girder	286.4811	0.95	1	1	5.665028
Annual Permit 2_str	BOBJ1	511.4811	After	Left Exterior Girder	286.4811	0.95	1	1	8.267507
Annual Permit 2_str	BOBJ1	511.4811	After	Interior Girder 1	286.4811	0.95	1	1	9.53913
Annual Permit 2_str	BOBJ1	511.4811	After	Interior Girder 2	286.4811	0.95	1	1	9.53913
Annual Permit 2_str	BOBJ1	511.4811	After	Right Exterior Girder	286.4811	0.95	1	1	8.267507
Annual Permit 2_str	BOBJ1	522.1	Before	Left Exterior Girder	297.1	0.95	1	1	5.501853
Annual Permit 2_str	BOBJ1	522.1	Before	Interior Girder 1	297.1	0.95	1	1	7.111146
Annual Permit 2_str	BOBJ1	522.1	Before	Interior Girder 2	297.1	0.95	1	1	7.111145
Annual Permit 2_str	BOBJ1	522.1	Before	Right Exterior Girder	297.1	0.95	1	1	5.501853
Annual Permit 2_str	BOBJ1	522.1	After	Left Exterior Girder	297.1	0.95	1	1	5.691096
Annual Permit 2_str	BOBJ1	522.1	After	Interior Girder 1	297.1	0.95	1	1	7.200539
Annual Permit 2_str	BOBJ1	522.1	After	Interior Girder 2	297.1	0.95	1	1	7.200539
Annual Permit 2_str	BOBJ1	522.1	After	Right Exterior Girder	297.1	0.95	1	1	5.691096

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelINonCompStrgth-Flx - Main Span Girders									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Annual Permit 2_str	BOBJ1	530.4918	Before	Left Exterior Girder	305.4918	0.95	1	1	3.543441
Annual Permit 2_str	BOBJ1	530.4918	Before	Interior Girder 1	305.4918	0.95	1	1	4.405826
Annual Permit 2_str	BOBJ1	530.4918	Before	Interior Girder 2	305.4918	0.95	1	1	4.405826
Annual Permit 2_str	BOBJ1	530.4918	Before	Right Exterior Girder	305.4918	0.95	1	1	3.543441
Annual Permit 2_str	BOBJ1	530.4918	After	Left Exterior Girder	305.4918	0.95	1	1	5.421422
Annual Permit 2_str	BOBJ1	530.4918	After	Interior Girder 1	305.4918	0.95	1	1	6.71579
Annual Permit 2_str	BOBJ1	530.4918	After	Interior Girder 2	305.4918	0.95	1	1	6.715791
Annual Permit 2_str	BOBJ1	530.4918	After	Right Exterior Girder	305.4918	0.95	1	1	5.421422
Annual Permit 2_str	BOBJ1	533.55	Before	Left Exterior Girder	308.55	0.95	1	1	4.649316
Annual Permit 2_str	BOBJ1	533.55	Before	Interior Girder 1	308.55	0.95	1	1	5.70315
Annual Permit 2_str	BOBJ1	533.55	Before	Interior Girder 2	308.55	0.95	1	1	5.70315
Annual Permit 2_str	BOBJ1	533.55	Before	Right Exterior Girder	308.55	0.95	1	1	4.649315
Annual Permit 2_str	BOBJ1	533.55	After	Left Exterior Girder	308.55	0.95	1	1	4.641794
Annual Permit 2_str	BOBJ1	533.55	After	Interior Girder 1	308.55	0.95	1	1	5.701111
Annual Permit 2_str	BOBJ1	533.55	After	Interior Girder 2	308.55	0.95	1	1	5.701111
Annual Permit 2_str	BOBJ1	533.55	After	Right Exterior Girder	308.55	0.95	1	1	4.641794
Annual Permit 2_str	BOBJ1	545	Before	Left Exterior Girder	320	0.95	1	1	2.541271
Annual Permit 2_str	BOBJ1	545	Before	Interior Girder 1	320	0.95	1	1	2.920643
Annual Permit 2_str	BOBJ1	545	Before	Interior Girder 2	320	0.95	1	1	2.920643
Annual Permit 2_str	BOBJ1	545	Before	Right Exterior Girder	320	0.95	1	1	2.541271
Annual Permit 2_str	BOBJ1	545	After	Left Exterior Girder	0	0.95	1	1	2.817841
Annual Permit 2_str	BOBJ1	545	After	Interior Girder 1	0	0.95	1	1	3.121023
Annual Permit 2_str	BOBJ1	545	After	Interior Girder 2	0	0.95	1	1	3.121023
Annual Permit 2_str	BOBJ1	545	After	Right Exterior Girder	0	0.95	1	1	2.817841
Annual Permit 2_str	BOBJ1	556.25	Before	Left Exterior Girder	11.25	0.95	1	1	4.880859
Annual Permit 2_str	BOBJ1	556.25	Before	Interior Girder 1	11.25	0.95	1	1	5.863958
Annual Permit 2_str	BOBJ1	556.25	Before	Interior Girder 2	11.25	0.95	1	1	5.863958
Annual Permit 2_str	BOBJ1	556.25	Before	Right Exterior Girder	11.25	0.95	1	1	4.880859
Annual Permit 2_str	BOBJ1	556.25	After	Left Exterior Girder	11.25	0.95	1	1	4.881982
Annual Permit 2_str	BOBJ1	556.25	After	Interior Girder 1	11.25	0.95	1	1	5.879004
Annual Permit 2_str	BOBJ1	556.25	After	Interior Girder 2	11.25	0.95	1	1	5.879004
Annual Permit 2_str	BOBJ1	556.25	After	Right Exterior Girder	11.25	0.95	1	1	4.881982
Annual Permit 2_str	BOBJ1	559.4358	Before	Left Exterior Girder	14.4358	0.95	1	1	5.55512
Annual Permit 2_str	BOBJ1	559.4358	Before	Interior Girder 1	14.4358	0.95	1	1	6.852777
Annual Permit 2_str	BOBJ1	559.4358	Before	Interior Girder 2	14.4358	0.95	1	1	6.852777
Annual Permit 2_str	BOBJ1	559.4358	Before	Right Exterior Girder	14.4358	0.95	1	1	5.555119
Annual Permit 2_str	BOBJ1	559.4358	After	Left Exterior Girder	14.4358	0.95	1	1	3.607232
Annual Permit 2_str	BOBJ1	559.4358	After	Interior Girder 1	14.4358	0.95	1	1	4.411443
Annual Permit 2_str	BOBJ1	559.4358	After	Interior Girder 2	14.4358	0.95	1	1	4.411443
Annual Permit 2_str	BOBJ1	559.4358	After	Right Exterior Girder	14.4358	0.95	1	1	3.607232
Annual Permit 2_str	BOBJ1	567.5	Before	Left Exterior Girder	22.5	0.95	1	1	5.300472
Annual Permit 2_str	BOBJ1	567.5	Before	Interior Girder 1	22.5	0.95	1	1	6.050834
Annual Permit 2_str	BOBJ1	567.5	Before	Interior Girder 2	22.5	0.95	1	1	6.050834
Annual Permit 2_str	BOBJ1	567.5	Before	Right Exterior Girder	22.5	0.95	1	1	5.300472
Annual Permit 2_str	BOBJ1	567.5	After	Left Exterior Girder	22.5	0.95	1	1	5.813626
Annual Permit 2_str	BOBJ1	567.5	After	Interior Girder 1	22.5	0.95	1	1	6.535685
Annual Permit 2_str	BOBJ1	567.5	After	Interior Girder 2	22.5	0.95	1	1	6.535685
Annual Permit 2_str	BOBJ1	567.5	After	Right Exterior Girder	22.5	0.95	1	1	5.813626
Annual Permit 2_str	BOBJ1	570.0586	Before	Left Exterior Girder	25.0586	0.95	1	1	6.496809
Annual Permit 2_str	BOBJ1	570.0586	Before	Interior Girder 1	25.0586	0.95	1	1	6.996908
Annual Permit 2_str	BOBJ1	570.0586	Before	Interior Girder 2	25.0586	0.95	1	1	6.996908
Annual Permit 2_str	BOBJ1	570.0586	Before	Right Exterior Girder	25.0586	0.95	1	1	6.496809
Annual Permit 2_str	BOBJ1	570.0586	After	Left Exterior Girder	25.0586	0.95	1	1	3.901066
Annual Permit 2_str	BOBJ1	570.0586	After	Interior Girder 1	25.0586	0.95	1	1	4.188625
Annual Permit 2_str	BOBJ1	570.0586	After	Interior Girder 2	25.0586	0.95	1	1	4.188625
Annual Permit 2_str	BOBJ1	570.0586	After	Right Exterior Girder	25.0586	0.95	1	1	3.901066
Annual Permit 2_str	BOBJ1	578.75	Before	Left Exterior Girder	33.75	0.95	1	1	5.127933
Annual Permit 2_str	BOBJ1	578.75	Before	Interior Girder 1	33.75	0.95	1	1	5.631138
Annual Permit 2_str	BOBJ1	578.75	Before	Interior Girder 2	33.75	0.95	1	1	5.631138
Annual Permit 2_str	BOBJ1	578.75	Before	Right Exterior Girder	33.75	0.95	1	1	5.127933
Annual Permit 2_str	BOBJ1	578.75	After	Left Exterior Girder	33.75	0.95	1	1	5.117209
Annual Permit 2_str	BOBJ1	578.75	After	Interior Girder 1	33.75	0.95	1	1	5.634417
Annual Permit 2_str	BOBJ1	578.75	After	Interior Girder 2	33.75	0.95	1	1	5.634417
Annual Permit 2_str	BOBJ1	578.75	After	Right Exterior Girder	33.75	0.95	1	1	5.117209
Annual Permit 2_str	BOBJ1	586.8142	Before	Left Exterior Girder	41.8142	0.95	1	1	6.259133
Annual Permit 2_str	BOBJ1	586.8142	Before	Interior Girder 1	41.8142	0.95	1	1	7.05408
Annual Permit 2_str	BOBJ1	586.8142	Before	Interior Girder 2	41.8142	0.95	1	1	7.05408
Annual Permit 2_str	BOBJ1	586.8142	Before	Right Exterior Girder	41.8142	0.95	1	1	6.259132

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelNonCompStrgth-Flx - Main Span Girders									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Annual Permit 2_str	BOBJ1	586.8142	After	Left Exterior Girder	41.8142	0.95	1	1	2.931471
Annual Permit 2_str	BOBJ1	586.8142	After	Interior Girder 1	41.8142	0.95	1	1	3.29125
Annual Permit 2_str	BOBJ1	586.8142	After	Interior Girder 2	41.8142	0.95	1	1	3.29125
Annual Permit 2_str	BOBJ1	586.8142	After	Right Exterior Girder	41.8142	0.95	1	1	2.931471
Annual Permit 2_str	BOBJ1	590	Before	Left Exterior Girder	45	0.95	1	1	3.328231
Annual Permit 2_str	BOBJ1	590	Before	Interior Girder 1	45	0.95	1	1	3.779712
Annual Permit 2_str	BOBJ1	590	Before	Interior Girder 2	45	0.95	1	1	3.779712
Annual Permit 2_str	BOBJ1	590	Before	Right Exterior Girder	45	0.95	1	1	3.328231
Annual Permit 2_str	BOBJ1	590	After	Left Exterior Girder	45	0.95	1	1	2.136436
Annual Permit 2_str	BOBJ1	590	After	Interior Girder 1	45	0.95	1	1	2.375098
Annual Permit 2_str	BOBJ1	590	After	Interior Girder 2	45	0.95	1	1	2.375098
Annual Permit 2_str	BOBJ1	590	After	Right Exterior Girder	45	0.95	1	1	2.136436
Annual Permit 2_str	BOBJ1	601.25	Before	Left Exterior Girder	56.25	0.95	1	1	3.517246
Annual Permit 2_str	BOBJ1	601.25	Before	Interior Girder 1	56.25	0.95	1	1	3.989464
Annual Permit 2_str	BOBJ1	601.25	Before	Interior Girder 2	56.25	0.95	1	1	3.989464
Annual Permit 2_str	BOBJ1	601.25	Before	Right Exterior Girder	56.25	0.95	1	1	3.517246
Annual Permit 2_str	BOBJ1	601.25	After	Left Exterior Girder	56.25	0.95	1	1	3.509683
Annual Permit 2_str	BOBJ1	601.25	After	Interior Girder 1	56.25	0.95	1	1	3.995074
Annual Permit 2_str	BOBJ1	601.25	After	Interior Girder 2	56.25	0.95	1	1	3.995074
Annual Permit 2_str	BOBJ1	601.25	After	Right Exterior Girder	56.25	0.95	1	1	3.509683
Annual Permit 2_str	BOBJ1	601.7478	Before	Left Exterior Girder	56.7478	0.95	1	1	3.57265
Annual Permit 2_str	BOBJ1	601.7478	Before	Interior Girder 1	56.7478	0.95	1	1	4.06959
Annual Permit 2_str	BOBJ1	601.7478	Before	Interior Girder 2	56.7478	0.95	1	1	4.06959
Annual Permit 2_str	BOBJ1	601.7478	Before	Right Exterior Girder	56.7478	0.95	1	1	3.57265
Annual Permit 2_str	BOBJ1	601.7478	After	Left Exterior Girder	56.7478	0.95	1	1	1.135339
Annual Permit 2_str	BOBJ1	601.7478	After	Interior Girder 1	56.7478	0.95	1	1	1.307117
Annual Permit 2_str	BOBJ1	601.7478	After	Interior Girder 2	56.7478	0.95	1	1	1.307117
Annual Permit 2_str	BOBJ1	601.7478	After	Right Exterior Girder	56.7478	0.95	1	1	1.135339
Annual Permit 2_str	BOBJ1	612.5	Before	Left Exterior Girder	67.5	0.95	1	1	2.350678
Annual Permit 2_str	BOBJ1	612.5	Before	Interior Girder 1	67.5	0.95	1	1	2.730348
Annual Permit 2_str	BOBJ1	612.5	Before	Interior Girder 2	67.5	0.95	1	1	2.730348
Annual Permit 2_str	BOBJ1	612.5	Before	Right Exterior Girder	67.5	0.95	1	1	2.350678
Annual Permit 2_str	BOBJ1	612.5	After	Left Exterior Girder	67.5	0.95	1	1	3.341636
Annual Permit 2_str	BOBJ1	612.5	After	Interior Girder 1	67.5	0.95	1	1	3.812548
Annual Permit 2_str	BOBJ1	612.5	After	Interior Girder 2	67.5	0.95	1	1	3.812548
Annual Permit 2_str	BOBJ1	612.5	After	Right Exterior Girder	67.5	0.95	1	1	3.341636
Annual Permit 2_str	BOBJ1	623.75	Before	Left Exterior Girder	78.75	0.95	1	1	2.872033
Annual Permit 2_str	BOBJ1	623.75	Before	Interior Girder 1	78.75	0.95	1	1	3.034769
Annual Permit 2_str	BOBJ1	623.75	Before	Interior Girder 2	78.75	0.95	1	1	3.034769
Annual Permit 2_str	BOBJ1	623.75	Before	Right Exterior Girder	78.75	0.95	1	1	2.872033
Annual Permit 2_str	BOBJ1	623.75	After	Left Exterior Girder	78.75	0.95	1	1	2.880534
Annual Permit 2_str	BOBJ1	623.75	After	Interior Girder 1	78.75	0.95	1	1	3.034109
Annual Permit 2_str	BOBJ1	623.75	After	Interior Girder 2	78.75	0.95	1	1	3.034109
Annual Permit 2_str	BOBJ1	623.75	After	Right Exterior Girder	78.75	0.95	1	1	2.880534
Annual Permit 2_str	BOBJ1	635	Before	Left Exterior Girder	90	0.95	1	1	1.96999
Annual Permit 2_str	BOBJ1	635	Before	Interior Girder 1	90	0.95	1	1	2.213913
Annual Permit 2_str	BOBJ1	635	Before	Interior Girder 2	90	0.95	1	1	2.213913
Annual Permit 2_str	BOBJ1	635	Before	Right Exterior Girder	90	0.95	1	1	1.96999
Annual Permit 2_str	BOBJ1	635	After	Left Exterior Girder	90	0.95	1	1	2.021819
Annual Permit 2_str	BOBJ1	635	After	Interior Girder 1	90	0.95	1	1	2.186376
Annual Permit 2_str	BOBJ1	635	After	Interior Girder 2	90	0.95	1	1	2.186376
Annual Permit 2_str	BOBJ1	635	After	Right Exterior Girder	90	0.95	1	1	2.021819
Annual Permit 2_str	BOBJ1	643.5619	Before	Left Exterior Girder	98.5619	0.95	1	1	1.555575
Annual Permit 2_str	BOBJ1	643.5619	Before	Interior Girder 1	98.5619	0.95	1	1	1.712544
Annual Permit 2_str	BOBJ1	643.5619	Before	Interior Girder 2	98.5619	0.95	1	1	1.712544
Annual Permit 2_str	BOBJ1	643.5619	Before	Right Exterior Girder	98.5619	0.95	1	1	1.555575
Annual Permit 2_str	BOBJ1	643.5619	After	Left Exterior Girder	98.5619	0.95	1	1	2.950014
Annual Permit 2_str	BOBJ1	643.5619	After	Interior Girder 1	98.5619	0.95	1	1	3.239738
Annual Permit 2_str	BOBJ1	643.5619	After	Interior Girder 2	98.5619	0.95	1	1	3.239738
Annual Permit 2_str	BOBJ1	643.5619	After	Right Exterior Girder	98.5619	0.95	1	1	2.950014
Annual Permit 2_str	BOBJ1	646.25	Before	Left Exterior Girder	101.25	0.95	1	1	2.794932
Annual Permit 2_str	BOBJ1	646.25	Before	Interior Girder 1	101.25	0.95	1	1	3.09176
Annual Permit 2_str	BOBJ1	646.25	Before	Interior Girder 2	101.25	0.95	1	1	3.091759
Annual Permit 2_str	BOBJ1	646.25	Before	Right Exterior Girder	101.25	0.95	1	1	2.794932
Annual Permit 2_str	BOBJ1	646.25	After	Left Exterior Girder	101.25	0.95	1	1	2.79661
Annual Permit 2_str	BOBJ1	646.25	After	Interior Girder 1	101.25	0.95	1	1	3.094304
Annual Permit 2_str	BOBJ1	646.25	After	Interior Girder 2	101.25	0.95	1	1	3.094304
Annual Permit 2_str	BOBJ1	646.25	After	Right Exterior Girder	101.25	0.95	1	1	2.79661

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelNonCompStrgth-Flx - Main Span Girders									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Annual Permit 2_str	BOBJ1	657.5	Before	Left Exterior Girder	112.5	0.95	1	1	2.301375
Annual Permit 2_str	BOBJ1	657.5	Before	Interior Girder 1	112.5	0.95	1	1	2.627756
Annual Permit 2_str	BOBJ1	657.5	Before	Interior Girder 2	112.5	0.95	1	1	2.627756
Annual Permit 2_str	BOBJ1	657.5	Before	Right Exterior Girder	112.5	0.95	1	1	2.301375
Annual Permit 2_str	BOBJ1	657.5	After	Left Exterior Girder	112.5	0.95	1	1	2.320474
Annual Permit 2_str	BOBJ1	657.5	After	Interior Girder 1	112.5	0.95	1	1	2.613474
Annual Permit 2_str	BOBJ1	657.5	After	Interior Girder 2	112.5	0.95	1	1	2.613474
Annual Permit 2_str	BOBJ1	657.5	After	Right Exterior Girder	112.5	0.95	1	1	2.320474
Annual Permit 2_str	BOBJ1	668.75	Before	Left Exterior Girder	123.75	0.95	1	1	2.021706
Annual Permit 2_str	BOBJ1	668.75	Before	Interior Girder 1	123.75	0.95	1	1	2.275139
Annual Permit 2_str	BOBJ1	668.75	Before	Interior Girder 2	123.75	0.95	1	1	2.275139
Annual Permit 2_str	BOBJ1	668.75	Before	Right Exterior Girder	123.75	0.95	1	1	2.021706
Annual Permit 2_str	BOBJ1	668.75	After	Left Exterior Girder	123.75	0.95	1	1	2.023775
Annual Permit 2_str	BOBJ1	668.75	After	Interior Girder 1	123.75	0.95	1	1	2.275113
Annual Permit 2_str	BOBJ1	668.75	After	Interior Girder 2	123.75	0.95	1	1	2.275113
Annual Permit 2_str	BOBJ1	668.75	After	Right Exterior Girder	123.75	0.95	1	1	2.023774
Annual Permit 2_str	BOBJ1	680	Before	Left Exterior Girder	135	0.95	1	1	1.855622
Annual Permit 2_str	BOBJ1	680	Before	Interior Girder 1	135	0.95	1	1	2.112473
Annual Permit 2_str	BOBJ1	680	Before	Interior Girder 2	135	0.95	1	1	2.112473
Annual Permit 2_str	BOBJ1	680	Before	Right Exterior Girder	135	0.95	1	1	1.855622
Annual Permit 2_str	BOBJ1	680	After	Left Exterior Girder	135	0.95	1	1	1.85082
Annual Permit 2_str	BOBJ1	680	After	Interior Girder 1	135	0.95	1	1	2.12224
Annual Permit 2_str	BOBJ1	680	After	Interior Girder 2	135	0.95	1	1	2.122241
Annual Permit 2_str	BOBJ1	680	After	Right Exterior Girder	135	0.95	1	1	1.85082
Annual Permit 2_str	BOBJ1	691.25	Before	Left Exterior Girder	146.25	0.95	1	1	1.813007
Annual Permit 2_str	BOBJ1	691.25	Before	Interior Girder 1	146.25	0.95	1	1	2.040471
Annual Permit 2_str	BOBJ1	691.25	Before	Interior Girder 2	146.25	0.95	1	1	2.040471
Annual Permit 2_str	BOBJ1	691.25	Before	Right Exterior Girder	146.25	0.95	1	1	1.813007
Annual Permit 2_str	BOBJ1	691.25	After	Left Exterior Girder	146.25	0.95	1	1	1.812802
Annual Permit 2_str	BOBJ1	691.25	After	Interior Girder 1	146.25	0.95	1	1	2.041269
Annual Permit 2_str	BOBJ1	691.25	After	Interior Girder 2	146.25	0.95	1	1	2.041269
Annual Permit 2_str	BOBJ1	691.25	After	Right Exterior Girder	146.25	0.95	1	1	1.812802
Annual Permit 2_str	BOBJ1	702.5	Before	Left Exterior Girder	157.5	0.95	1	1	1.893056
Annual Permit 2_str	BOBJ1	702.5	Before	Interior Girder 1	157.5	0.95	1	1	2.120476
Annual Permit 2_str	BOBJ1	702.5	Before	Interior Girder 2	157.5	0.95	1	1	2.120476
Annual Permit 2_str	BOBJ1	702.5	Before	Right Exterior Girder	157.5	0.95	1	1	1.893056
Annual Permit 2_str	BOBJ1	702.5	After	Left Exterior Girder	157.5	0.95	1	1	1.863016
Annual Permit 2_str	BOBJ1	702.5	After	Interior Girder 1	157.5	0.95	1	1	2.142981
Annual Permit 2_str	BOBJ1	702.5	After	Interior Girder 2	157.5	0.95	1	1	2.142981
Annual Permit 2_str	BOBJ1	702.5	After	Right Exterior Girder	157.5	0.95	1	1	1.863016
Annual Permit 2_str	BOBJ1	713.75	Before	Left Exterior Girder	168.75	0.95	1	1	2.10485
Annual Permit 2_str	BOBJ1	713.75	Before	Interior Girder 1	168.75	0.95	1	1	2.334892
Annual Permit 2_str	BOBJ1	713.75	Before	Interior Girder 2	168.75	0.95	1	1	2.334892
Annual Permit 2_str	BOBJ1	713.75	Before	Right Exterior Girder	168.75	0.95	1	1	2.10485
Annual Permit 2_str	BOBJ1	713.75	After	Left Exterior Girder	168.75	0.95	1	1	2.100931
Annual Permit 2_str	BOBJ1	713.75	After	Interior Girder 1	168.75	0.95	1	1	2.33621
Annual Permit 2_str	BOBJ1	713.75	After	Interior Girder 2	168.75	0.95	1	1	2.33621
Annual Permit 2_str	BOBJ1	713.75	After	Right Exterior Girder	168.75	0.95	1	1	2.10093
Annual Permit 2_str	BOBJ1	725	Before	Left Exterior Girder	180	0.95	1	1	2.563739
Annual Permit 2_str	BOBJ1	725	Before	Interior Girder 1	180	0.95	1	1	2.770522
Annual Permit 2_str	BOBJ1	725	Before	Interior Girder 2	180	0.95	1	1	2.770522
Annual Permit 2_str	BOBJ1	725	Before	Right Exterior Girder	180	0.95	1	1	2.563739
Annual Permit 2_str	BOBJ1	725	After	Left Exterior Girder	180	0.95	1	1	2.497167
Annual Permit 2_str	BOBJ1	725	After	Interior Girder 1	180	0.95	1	1	2.828498
Annual Permit 2_str	BOBJ1	725	After	Interior Girder 2	180	0.95	1	1	2.828498
Annual Permit 2_str	BOBJ1	725	After	Right Exterior Girder	180	0.95	1	1	2.497167
Annual Permit 2_str	BOBJ1	731.1726	Before	Left Exterior Girder	186.1726	0.95	1	1	2.914288
Annual Permit 2_str	BOBJ1	731.1726	Before	Interior Girder 1	186.1726	0.95	1	1	3.173923
Annual Permit 2_str	BOBJ1	731.1726	Before	Interior Girder 2	186.1726	0.95	1	1	3.173923
Annual Permit 2_str	BOBJ1	731.1726	Before	Right Exterior Girder	186.1726	0.95	1	1	2.914288
Annual Permit 2_str	BOBJ1	731.1726	After	Left Exterior Girder	186.1726	0.95	1	1	1.247706
Annual Permit 2_str	BOBJ1	731.1726	After	Interior Girder 1	186.1726	0.95	1	1	1.358853
Annual Permit 2_str	BOBJ1	731.1726	After	Interior Girder 2	186.1726	0.95	1	1	1.358853
Annual Permit 2_str	BOBJ1	731.1726	After	Right Exterior Girder	186.1726	0.95	1	1	1.247706
Annual Permit 2_str	BOBJ1	736.25	Before	Left Exterior Girder	191.25	0.95	1	1	1.538069
Annual Permit 2_str	BOBJ1	736.25	Before	Interior Girder 1	191.25	0.95	1	1	1.615729
Annual Permit 2_str	BOBJ1	736.25	Before	Interior Girder 2	191.25	0.95	1	1	1.615729
Annual Permit 2_str	BOBJ1	736.25	Before	Right Exterior Girder	191.25	0.95	1	1	1.538069

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelINonCompStrgth-Flx - Main Span Girders									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Annual Permit 2_str	BOBJ1	736.25	After	Left Exterior Girder	191.25	0.95	1	1	1.53123
Annual Permit 2_str	BOBJ1	736.25	After	Interior Girder 1	191.25	0.95	1	1	1.616459
Annual Permit 2_str	BOBJ1	736.25	After	Interior Girder 2	191.25	0.95	1	1	1.616459
Annual Permit 2_str	BOBJ1	736.25	After	Right Exterior Girder	191.25	0.95	1	1	1.53123
Annual Permit 2_str	BOBJ1	747.5	Before	Left Exterior Girder	202.5	0.95	1	1	2.700521
Annual Permit 2_str	BOBJ1	747.5	Before	Interior Girder 1	202.5	0.95	1	1	2.676363
Annual Permit 2_str	BOBJ1	747.5	Before	Interior Girder 2	202.5	0.95	1	1	2.676363
Annual Permit 2_str	BOBJ1	747.5	Before	Right Exterior Girder	202.5	0.95	1	1	2.700521
Annual Permit 2_str	BOBJ1	747.5	After	Left Exterior Girder	202.5	0.95	1	1	2.538978
Annual Permit 2_str	BOBJ1	747.5	After	Interior Girder 1	202.5	0.95	1	1	2.641333
Annual Permit 2_str	BOBJ1	747.5	After	Interior Girder 2	202.5	0.95	1	1	2.641333
Annual Permit 2_str	BOBJ1	747.5	After	Right Exterior Girder	202.5	0.95	1	1	2.538977
Annual Permit 2_str	BOBJ1	758.75	Before	Left Exterior Girder	213.75	0.95	1	1	6.048532
Annual Permit 2_str	BOBJ1	758.75	Before	Interior Girder 1	213.75	0.95	1	1	5.666314
Annual Permit 2_str	BOBJ1	758.75	Before	Interior Girder 2	213.75	0.95	1	1	5.666314
Annual Permit 2_str	BOBJ1	758.75	Before	Right Exterior Girder	213.75	0.95	1	1	6.04853
Annual Permit 2_str	BOBJ1	758.75	After	Left Exterior Girder	213.75	0.95	1	1	6.009891
Annual Permit 2_str	BOBJ1	758.75	After	Interior Girder 1	213.75	0.95	1	1	5.55764
Annual Permit 2_str	BOBJ1	758.75	After	Interior Girder 2	213.75	0.95	1	1	5.55764
Annual Permit 2_str	BOBJ1	758.75	After	Right Exterior Girder	213.75	0.95	1	1	6.009889
Annual Permit 2_str	BOBJ1	770	Before	Left Exterior Girder	225	0.95	1	1	113.610692
Annual Permit 2_str	BOBJ1	770	Before	Interior Girder 1	225	0.95	1	1	124.632024
Annual Permit 2_str	BOBJ1	770	Before	Interior Girder 2	225	0.95	1	1	124.631556
Annual Permit 2_str	BOBJ1	770	Before	Right Exterior Girder	225	0.95	1	1	113.611264
Overweight Permit_str	BOBJ1	0	After	Left Exterior Girder	0	0.95	1	1	106.753333
Overweight Permit_str	BOBJ1	0	After	Interior Girder 1	0	0.95	1	1	141.023995
Overweight Permit_str	BOBJ1	0	After	Interior Girder 2	0	0.95	1	1	141.024053
Overweight Permit_str	BOBJ1	0	After	Right Exterior Girder	0	0.95	1	1	106.753328
Overweight Permit_str	BOBJ1	11.25	Before	Left Exterior Girder	11.25	0.95	1	1	7.283042
Overweight Permit_str	BOBJ1	11.25	Before	Interior Girder 1	11.25	0.95	1	1	8.042073
Overweight Permit_str	BOBJ1	11.25	Before	Interior Girder 2	11.25	0.95	1	1	8.042074
Overweight Permit_str	BOBJ1	11.25	Before	Right Exterior Girder	11.25	0.95	1	1	7.283042
Overweight Permit_str	BOBJ1	11.25	After	Left Exterior Girder	11.25	0.95	1	1	7.398106
Overweight Permit_str	BOBJ1	11.25	After	Interior Girder 1	11.25	0.95	1	1	8.134756
Overweight Permit_str	BOBJ1	11.25	After	Interior Girder 2	11.25	0.95	1	1	8.134757
Overweight Permit_str	BOBJ1	11.25	After	Right Exterior Girder	11.25	0.95	1	1	7.398105
Overweight Permit_str	BOBJ1	22.5	Before	Left Exterior Girder	22.5	0.95	1	1	3.143165
Overweight Permit_str	BOBJ1	22.5	Before	Interior Girder 1	22.5	0.95	1	1	3.845037
Overweight Permit_str	BOBJ1	22.5	Before	Interior Girder 2	22.5	0.95	1	1	3.845038
Overweight Permit_str	BOBJ1	22.5	Before	Right Exterior Girder	22.5	0.95	1	1	3.143165
Overweight Permit_str	BOBJ1	22.5	After	Left Exterior Girder	22.5	0.95	1	1	3.456399
Overweight Permit_str	BOBJ1	22.5	After	Interior Girder 1	22.5	0.95	1	1	3.872372
Overweight Permit_str	BOBJ1	22.5	After	Interior Girder 2	22.5	0.95	1	1	3.872372
Overweight Permit_str	BOBJ1	22.5	After	Right Exterior Girder	22.5	0.95	1	1	3.456399
Overweight Permit_str	BOBJ1	33.75	Before	Left Exterior Girder	33.75	0.95	1	1	1.954109
Overweight Permit_str	BOBJ1	33.75	Before	Interior Girder 1	33.75	0.95	1	1	2.367901
Overweight Permit_str	BOBJ1	33.75	Before	Interior Girder 2	33.75	0.95	1	1	2.367901
Overweight Permit_str	BOBJ1	33.75	Before	Right Exterior Girder	33.75	0.95	1	1	1.954109
Overweight Permit_str	BOBJ1	33.75	After	Left Exterior Girder	33.75	0.95	1	1	1.967385
Overweight Permit_str	BOBJ1	33.75	After	Interior Girder 1	33.75	0.95	1	1	2.367016
Overweight Permit_str	BOBJ1	33.75	After	Interior Girder 2	33.75	0.95	1	1	2.367016
Overweight Permit_str	BOBJ1	33.75	After	Right Exterior Girder	33.75	0.95	1	1	1.967385
Overweight Permit_str	BOBJ1	38.8274	Before	Left Exterior Girder	38.8274	0.95	1	1	1.608189
Overweight Permit_str	BOBJ1	38.8274	Before	Interior Girder 1	38.8274	0.95	1	1	1.9981
Overweight Permit_str	BOBJ1	38.8274	Before	Interior Girder 2	38.8274	0.95	1	1	1.9981
Overweight Permit_str	BOBJ1	38.8274	Before	Right Exterior Girder	38.8274	0.95	1	1	1.608189
Overweight Permit_str	BOBJ1	38.8274	After	Left Exterior Girder	38.8274	0.95	1	1	3.772352
Overweight Permit_str	BOBJ1	38.8274	After	Interior Girder 1	38.8274	0.95	1	1	4.665988
Overweight Permit_str	BOBJ1	38.8274	After	Interior Girder 2	38.8274	0.95	1	1	4.665988
Overweight Permit_str	BOBJ1	38.8274	After	Right Exterior Girder	38.8274	0.95	1	1	3.772352
Overweight Permit_str	BOBJ1	45	Before	Left Exterior Girder	45	0.95	1	1	3.262231
Overweight Permit_str	BOBJ1	45	Before	Interior Girder 1	45	0.95	1	1	4.179743
Overweight Permit_str	BOBJ1	45	Before	Interior Girder 2	45	0.95	1	1	4.179743
Overweight Permit_str	BOBJ1	45	Before	Right Exterior Girder	45	0.95	1	1	3.262231
Overweight Permit_str	BOBJ1	45	After	Left Exterior Girder	45	0.95	1	1	3.406853
Overweight Permit_str	BOBJ1	45	After	Interior Girder 1	45	0.95	1	1	4.062248
Overweight Permit_str	BOBJ1	45	After	Interior Girder 2	45	0.95	1	1	4.062248
Overweight Permit_str	BOBJ1	45	After	Right Exterior Girder	45	0.95	1	1	3.406853

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelINonCompStrgth-Flx - Main Span Girders									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Overweight Permit_str	BOBJ1	56.25	Before	Left Exterior Girder	56.25	0.95	1	1	2.811236
Overweight Permit_str	BOBJ1	56.25	Before	Interior Girder 1	56.25	0.95	1	1	3.477788
Overweight Permit_str	BOBJ1	56.25	Before	Interior Girder 2	56.25	0.95	1	1	3.477788
Overweight Permit_str	BOBJ1	56.25	Before	Right Exterior Girder	56.25	0.95	1	1	2.811236
Overweight Permit_str	BOBJ1	56.25	After	Left Exterior Girder	56.25	0.95	1	1	2.820851
Overweight Permit_str	BOBJ1	56.25	After	Interior Girder 1	56.25	0.95	1	1	3.470234
Overweight Permit_str	BOBJ1	56.25	After	Interior Girder 2	56.25	0.95	1	1	3.470234
Overweight Permit_str	BOBJ1	56.25	After	Right Exterior Girder	56.25	0.95	1	1	2.820852
Overweight Permit_str	BOBJ1	67.5	Before	Left Exterior Girder	67.5	0.95	1	1	2.515958
Overweight Permit_str	BOBJ1	67.5	Before	Interior Girder 1	67.5	0.95	1	1	3.211092
Overweight Permit_str	BOBJ1	67.5	Before	Interior Girder 2	67.5	0.95	1	1	3.211092
Overweight Permit_str	BOBJ1	67.5	Before	Right Exterior Girder	67.5	0.95	1	1	2.515958
Overweight Permit_str	BOBJ1	67.5	After	Left Exterior Girder	67.5	0.95	1	1	2.578878
Overweight Permit_str	BOBJ1	67.5	After	Interior Girder 1	67.5	0.95	1	1	3.148076
Overweight Permit_str	BOBJ1	67.5	After	Interior Girder 2	67.5	0.95	1	1	3.148076
Overweight Permit_str	BOBJ1	67.5	After	Right Exterior Girder	67.5	0.95	1	1	2.578878
Overweight Permit_str	BOBJ1	78.75	Before	Left Exterior Girder	78.75	0.95	1	1	2.487587
Overweight Permit_str	BOBJ1	78.75	Before	Interior Girder 1	78.75	0.95	1	1	3.071462
Overweight Permit_str	BOBJ1	78.75	Before	Interior Girder 2	78.75	0.95	1	1	3.071462
Overweight Permit_str	BOBJ1	78.75	Before	Right Exterior Girder	78.75	0.95	1	1	2.487587
Overweight Permit_str	BOBJ1	78.75	After	Left Exterior Girder	78.75	0.95	1	1	2.489487
Overweight Permit_str	BOBJ1	78.75	After	Interior Girder 1	78.75	0.95	1	1	3.065771
Overweight Permit_str	BOBJ1	78.75	After	Interior Girder 2	78.75	0.95	1	1	3.06577
Overweight Permit_str	BOBJ1	78.75	After	Right Exterior Girder	78.75	0.95	1	1	2.489487
Overweight Permit_str	BOBJ1	90	Before	Left Exterior Girder	90	0.95	1	1	2.582984
Overweight Permit_str	BOBJ1	90	Before	Interior Girder 1	90	0.95	1	1	3.215011
Overweight Permit_str	BOBJ1	90	Before	Interior Girder 2	90	0.95	1	1	3.21501
Overweight Permit_str	BOBJ1	90	Before	Right Exterior Girder	90	0.95	1	1	2.582984
Overweight Permit_str	BOBJ1	90	After	Left Exterior Girder	90	0.95	1	1	2.599309
Overweight Permit_str	BOBJ1	90	After	Interior Girder 1	90	0.95	1	1	3.181299
Overweight Permit_str	BOBJ1	90	After	Interior Girder 2	90	0.95	1	1	3.181299
Overweight Permit_str	BOBJ1	90	After	Right Exterior Girder	90	0.95	1	1	2.599309
Overweight Permit_str	BOBJ1	101.25	Before	Left Exterior Girder	101.25	0.95	1	1	2.866523
Overweight Permit_str	BOBJ1	101.25	Before	Interior Girder 1	101.25	0.95	1	1	3.468701
Overweight Permit_str	BOBJ1	101.25	Before	Interior Girder 2	101.25	0.95	1	1	3.468701
Overweight Permit_str	BOBJ1	101.25	Before	Right Exterior Girder	101.25	0.95	1	1	2.866522
Overweight Permit_str	BOBJ1	101.25	After	Left Exterior Girder	101.25	0.95	1	1	2.861395
Overweight Permit_str	BOBJ1	101.25	After	Interior Girder 1	101.25	0.95	1	1	3.463677
Overweight Permit_str	BOBJ1	101.25	After	Interior Girder 2	101.25	0.95	1	1	3.463677
Overweight Permit_str	BOBJ1	101.25	After	Right Exterior Girder	101.25	0.95	1	1	2.861395
Overweight Permit_str	BOBJ1	112.5	Before	Left Exterior Girder	112.5	0.95	1	1	3.259065
Overweight Permit_str	BOBJ1	112.5	Before	Interior Girder 1	112.5	0.95	1	1	3.928372
Overweight Permit_str	BOBJ1	112.5	Before	Interior Girder 2	112.5	0.95	1	1	3.928372
Overweight Permit_str	BOBJ1	112.5	Before	Right Exterior Girder	112.5	0.95	1	1	3.259064
Overweight Permit_str	BOBJ1	112.5	After	Left Exterior Girder	112.5	0.95	1	1	3.213696
Overweight Permit_str	BOBJ1	112.5	After	Interior Girder 1	112.5	0.95	1	1	3.975817
Overweight Permit_str	BOBJ1	112.5	After	Interior Girder 2	112.5	0.95	1	1	3.975818
Overweight Permit_str	BOBJ1	112.5	After	Right Exterior Girder	112.5	0.95	1	1	3.213696
Overweight Permit_str	BOBJ1	123.75	Before	Left Exterior Girder	123.75	0.95	1	1	3.890299
Overweight Permit_str	BOBJ1	123.75	Before	Interior Girder 1	123.75	0.95	1	1	4.622847
Overweight Permit_str	BOBJ1	123.75	Before	Interior Girder 2	123.75	0.95	1	1	4.622847
Overweight Permit_str	BOBJ1	123.75	Before	Right Exterior Girder	123.75	0.95	1	1	3.890299
Overweight Permit_str	BOBJ1	123.75	After	Left Exterior Girder	123.75	0.95	1	1	3.883578
Overweight Permit_str	BOBJ1	123.75	After	Interior Girder 1	123.75	0.95	1	1	4.627093
Overweight Permit_str	BOBJ1	123.75	After	Interior Girder 2	123.75	0.95	1	1	4.627093
Overweight Permit_str	BOBJ1	123.75	After	Right Exterior Girder	123.75	0.95	1	1	3.883578
Overweight Permit_str	BOBJ1	126.4381	Before	Left Exterior Girder	126.4381	0.95	1	1	4.106093
Overweight Permit_str	BOBJ1	126.4381	Before	Interior Girder 1	126.4381	0.95	1	1	4.831208
Overweight Permit_str	BOBJ1	126.4381	Before	Interior Girder 2	126.4381	0.95	1	1	4.831208
Overweight Permit_str	BOBJ1	126.4381	Before	Right Exterior Girder	126.4381	0.95	1	1	4.106093
Overweight Permit_str	BOBJ1	126.4381	After	Left Exterior Girder	126.4381	0.95	1	1	2.160088
Overweight Permit_str	BOBJ1	126.4381	After	Interior Girder 1	126.4381	0.95	1	1	2.559123
Overweight Permit_str	BOBJ1	126.4381	After	Interior Girder 2	126.4381	0.95	1	1	2.559123
Overweight Permit_str	BOBJ1	126.4381	After	Right Exterior Girder	126.4381	0.95	1	1	2.160088
Overweight Permit_str	BOBJ1	135	Before	Left Exterior Girder	135	0.95	1	1	2.843358
Overweight Permit_str	BOBJ1	135	Before	Interior Girder 1	135	0.95	1	1	3.232318
Overweight Permit_str	BOBJ1	135	Before	Interior Girder 2	135	0.95	1	1	3.232318
Overweight Permit_str	BOBJ1	135	Before	Right Exterior Girder	135	0.95	1	1	2.843358

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelINonCompStrgth-Flx - Main Span Girders									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Overweight Permit_str	BOBJ1	135	After	Left Exterior Girder	135	0.95	1	1	2.734286
Overweight Permit_str	BOBJ1	135	After	Interior Girder 1	135	0.95	1	1	3.305668
Overweight Permit_str	BOBJ1	135	After	Interior Girder 2	135	0.95	1	1	3.305668
Overweight Permit_str	BOBJ1	135	After	Right Exterior Girder	135	0.95	1	1	2.734286
Overweight Permit_str	BOBJ1	146.25	Before	Left Exterior Girder	146.25	0.95	1	1	4.072022
Overweight Permit_str	BOBJ1	146.25	Before	Interior Girder 1	146.25	0.95	1	1	4.503268
Overweight Permit_str	BOBJ1	146.25	Before	Interior Girder 2	146.25	0.95	1	1	4.503268
Overweight Permit_str	BOBJ1	146.25	Before	Right Exterior Girder	146.25	0.95	1	1	4.072022
Overweight Permit_str	BOBJ1	146.25	After	Left Exterior Girder	146.25	0.95	1	1	4.050074
Overweight Permit_str	BOBJ1	146.25	After	Interior Girder 1	146.25	0.95	1	1	4.516265
Overweight Permit_str	BOBJ1	146.25	After	Interior Girder 2	146.25	0.95	1	1	4.516265
Overweight Permit_str	BOBJ1	146.25	After	Right Exterior Girder	146.25	0.95	1	1	4.050074
Overweight Permit_str	BOBJ1	157.5	Before	Left Exterior Girder	157.5	0.95	1	1	4.27822
Overweight Permit_str	BOBJ1	157.5	Before	Interior Girder 1	157.5	0.95	1	1	5.147526
Overweight Permit_str	BOBJ1	157.5	Before	Interior Girder 2	157.5	0.95	1	1	5.147526
Overweight Permit_str	BOBJ1	157.5	Before	Right Exterior Girder	157.5	0.95	1	1	4.27822
Overweight Permit_str	BOBJ1	157.5	After	Left Exterior Girder	157.5	0.95	1	1	3.004833
Overweight Permit_str	BOBJ1	157.5	After	Interior Girder 1	157.5	0.95	1	1	3.691872
Overweight Permit_str	BOBJ1	157.5	After	Interior Girder 2	157.5	0.95	1	1	3.691871
Overweight Permit_str	BOBJ1	157.5	After	Right Exterior Girder	157.5	0.95	1	1	3.004833
Overweight Permit_str	BOBJ1	168.2522	Before	Left Exterior Girder	168.2522	0.95	1	1	1.443843
Overweight Permit_str	BOBJ1	168.2522	Before	Interior Girder 1	168.2522	0.95	1	1	1.767893
Overweight Permit_str	BOBJ1	168.2522	Before	Interior Girder 2	168.2522	0.95	1	1	1.767893
Overweight Permit_str	BOBJ1	168.2522	Before	Right Exterior Girder	168.2522	0.95	1	1	1.443843
Overweight Permit_str	BOBJ1	168.2522	After	Left Exterior Girder	168.2522	0.95	1	1	4.545077
Overweight Permit_str	BOBJ1	168.2522	After	Interior Girder 1	168.2522	0.95	1	1	5.504711
Overweight Permit_str	BOBJ1	168.2522	After	Interior Girder 2	168.2522	0.95	1	1	5.50471
Overweight Permit_str	BOBJ1	168.2522	After	Right Exterior Girder	168.2522	0.95	1	1	4.545078
Overweight Permit_str	BOBJ1	168.75	Before	Left Exterior Girder	168.75	0.95	1	1	4.459823
Overweight Permit_str	BOBJ1	168.75	Before	Interior Girder 1	168.75	0.95	1	1	5.40939
Overweight Permit_str	BOBJ1	168.75	Before	Interior Girder 2	168.75	0.95	1	1	5.40939
Overweight Permit_str	BOBJ1	168.75	Before	Right Exterior Girder	168.75	0.95	1	1	4.459823
Overweight Permit_str	BOBJ1	168.75	After	Left Exterior Girder	168.75	0.95	1	1	4.471688
Overweight Permit_str	BOBJ1	168.75	After	Interior Girder 1	168.75	0.95	1	1	5.399932
Overweight Permit_str	BOBJ1	168.75	After	Interior Girder 2	168.75	0.95	1	1	5.399932
Overweight Permit_str	BOBJ1	168.75	After	Right Exterior Girder	168.75	0.95	1	1	4.471688
Overweight Permit_str	BOBJ1	180	Before	Left Exterior Girder	180	0.95	1	1	2.698787
Overweight Permit_str	BOBJ1	180	Before	Interior Girder 1	180	0.95	1	1	3.220337
Overweight Permit_str	BOBJ1	180	Before	Interior Girder 2	180	0.95	1	1	3.220337
Overweight Permit_str	BOBJ1	180	Before	Right Exterior Girder	180	0.95	1	1	2.698787
Overweight Permit_str	BOBJ1	180	After	Left Exterior Girder	180	0.95	1	1	3.65116
Overweight Permit_str	BOBJ1	180	After	Interior Girder 1	180	0.95	1	1	4.558606
Overweight Permit_str	BOBJ1	180	After	Interior Girder 2	180	0.95	1	1	4.558606
Overweight Permit_str	BOBJ1	180	After	Right Exterior Girder	180	0.95	1	1	3.65116
Overweight Permit_str	BOBJ1	183.1858	Before	Left Exterior Girder	183.1858	0.95	1	1	3.150639
Overweight Permit_str	BOBJ1	183.1858	Before	Interior Girder 1	183.1858	0.95	1	1	3.917223
Overweight Permit_str	BOBJ1	183.1858	Before	Interior Girder 2	183.1858	0.95	1	1	3.917223
Overweight Permit_str	BOBJ1	183.1858	Before	Right Exterior Girder	183.1858	0.95	1	1	3.150639
Overweight Permit_str	BOBJ1	183.1858	After	Left Exterior Girder	183.1858	0.95	1	1	7.062795
Overweight Permit_str	BOBJ1	183.1858	After	Interior Girder 1	183.1858	0.95	1	1	8.733096
Overweight Permit_str	BOBJ1	183.1858	After	Interior Girder 2	183.1858	0.95	1	1	8.733096
Overweight Permit_str	BOBJ1	183.1858	After	Right Exterior Girder	183.1858	0.95	1	1	7.062795
Overweight Permit_str	BOBJ1	191.25	Before	Left Exterior Girder	191.25	0.95	1	1	5.639319
Overweight Permit_str	BOBJ1	191.25	Before	Interior Girder 1	191.25	0.95	1	1	6.864482
Overweight Permit_str	BOBJ1	191.25	Before	Interior Girder 2	191.25	0.95	1	1	6.864482
Overweight Permit_str	BOBJ1	191.25	Before	Right Exterior Girder	191.25	0.95	1	1	5.639319
Overweight Permit_str	BOBJ1	191.25	After	Left Exterior Girder	191.25	0.95	1	1	5.657752
Overweight Permit_str	BOBJ1	191.25	After	Interior Girder 1	191.25	0.95	1	1	6.853246
Overweight Permit_str	BOBJ1	191.25	After	Interior Girder 2	191.25	0.95	1	1	6.853246
Overweight Permit_str	BOBJ1	191.25	After	Right Exterior Girder	191.25	0.95	1	1	5.657752
Overweight Permit_str	BOBJ1	199.9414	Before	Left Exterior Girder	199.9414	0.95	1	1	4.173072
Overweight Permit_str	BOBJ1	199.9414	Before	Interior Girder 1	199.9414	0.95	1	1	4.960373
Overweight Permit_str	BOBJ1	199.9414	Before	Interior Girder 2	199.9414	0.95	1	1	4.960373
Overweight Permit_str	BOBJ1	199.9414	Before	Right Exterior Girder	199.9414	0.95	1	1	4.173072
Overweight Permit_str	BOBJ1	199.9414	After	Left Exterior Girder	199.9414	0.95	1	1	7.188073
Overweight Permit_str	BOBJ1	199.9414	After	Interior Girder 1	199.9414	0.95	1	1	8.555526
Overweight Permit_str	BOBJ1	199.9414	After	Interior Girder 2	199.9414	0.95	1	1	8.555526
Overweight Permit_str	BOBJ1	199.9414	After	Right Exterior Girder	199.9414	0.95	1	1	7.188073

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelINonCompStrgth-Flx - Main Span Girders									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Overweight Permit_str	BOBJ1	202.5	Before	Left Exterior Girder	202.5	0.95	1	1	6.569183
Overweight Permit_str	BOBJ1	202.5	Before	Interior Girder 1	202.5	0.95	1	1	7.947451
Overweight Permit_str	BOBJ1	202.5	Before	Interior Girder 2	202.5	0.95	1	1	7.947452
Overweight Permit_str	BOBJ1	202.5	Before	Right Exterior Girder	202.5	0.95	1	1	6.569183
Overweight Permit_str	BOBJ1	202.5	After	Left Exterior Girder	202.5	0.95	1	1	6.579637
Overweight Permit_str	BOBJ1	202.5	After	Interior Girder 1	202.5	0.95	1	1	8.222332
Overweight Permit_str	BOBJ1	202.5	After	Interior Girder 2	202.5	0.95	1	1	8.222332
Overweight Permit_str	BOBJ1	202.5	After	Right Exterior Girder	202.5	0.95	1	1	6.579636
Overweight Permit_str	BOBJ1	210.5642	Before	Left Exterior Girder	210.5642	0.95	1	1	4.277868
Overweight Permit_str	BOBJ1	210.5642	Before	Interior Girder 1	210.5642	0.95	1	1	6.197084
Overweight Permit_str	BOBJ1	210.5642	Before	Interior Girder 2	210.5642	0.95	1	1	6.197084
Overweight Permit_str	BOBJ1	210.5642	Before	Right Exterior Girder	210.5642	0.95	1	1	4.277868
Overweight Permit_str	BOBJ1	210.5642	After	Left Exterior Girder	210.5642	0.95	1	1	6.621187
Overweight Permit_str	BOBJ1	210.5642	After	Interior Girder 1	210.5642	0.95	1	1	9.554988
Overweight Permit_str	BOBJ1	210.5642	After	Interior Girder 2	210.5642	0.95	1	1	9.554989
Overweight Permit_str	BOBJ1	210.5642	After	Right Exterior Girder	210.5642	0.95	1	1	6.621187
Overweight Permit_str	BOBJ1	213.75	Before	Left Exterior Girder	213.75	0.95	1	1	5.613434
Overweight Permit_str	BOBJ1	213.75	Before	Interior Girder 1	213.75	0.95	1	1	8.204048
Overweight Permit_str	BOBJ1	213.75	Before	Interior Girder 2	213.75	0.95	1	1	8.204047
Overweight Permit_str	BOBJ1	213.75	Before	Right Exterior Girder	213.75	0.95	1	1	5.613434
Overweight Permit_str	BOBJ1	213.75	After	Left Exterior Girder	213.75	0.95	1	1	5.619205
Overweight Permit_str	BOBJ1	213.75	After	Interior Girder 1	213.75	0.95	1	1	8.193972
Overweight Permit_str	BOBJ1	213.75	After	Interior Girder 2	213.75	0.95	1	1	8.193972
Overweight Permit_str	BOBJ1	213.75	After	Right Exterior Girder	213.75	0.95	1	1	5.619206
Overweight Permit_str	BOBJ1	225	Before	Left Exterior Girder	225	0.95	1	1	3.115369
Overweight Permit_str	BOBJ1	225	Before	Interior Girder 1	225	0.95	1	1	4.258156
Overweight Permit_str	BOBJ1	225	Before	Interior Girder 2	225	0.95	1	1	4.258155
Overweight Permit_str	BOBJ1	225	Before	Right Exterior Girder	225	0.95	1	1	3.115369
Overweight Permit_str	BOBJ1	225	After	Left Exterior Girder	0	0.95	1	1	2.779479
Overweight Permit_str	BOBJ1	225	After	Interior Girder 1	0	0.95	1	1	3.88933
Overweight Permit_str	BOBJ1	225	After	Interior Girder 2	0	0.95	1	1	3.88933
Overweight Permit_str	BOBJ1	225	After	Right Exterior Girder	0	0.95	1	1	2.779479
Overweight Permit_str	BOBJ1	236.45	Before	Left Exterior Girder	11.45	0.95	1	1	5.107623
Overweight Permit_str	BOBJ1	236.45	Before	Interior Girder 1	11.45	0.95	1	1	7.63128
Overweight Permit_str	BOBJ1	236.45	Before	Interior Girder 2	11.45	0.95	1	1	7.63128
Overweight Permit_str	BOBJ1	236.45	Before	Right Exterior Girder	11.45	0.95	1	1	5.107623
Overweight Permit_str	BOBJ1	236.45	After	Left Exterior Girder	11.45	0.95	1	1	5.11792
Overweight Permit_str	BOBJ1	236.45	After	Interior Girder 1	11.45	0.95	1	1	7.632861
Overweight Permit_str	BOBJ1	236.45	After	Interior Girder 2	11.45	0.95	1	1	7.632862
Overweight Permit_str	BOBJ1	236.45	After	Right Exterior Girder	11.45	0.95	1	1	5.11792
Overweight Permit_str	BOBJ1	239.5082	Before	Left Exterior Girder	14.5082	0.95	1	1	5.979107
Overweight Permit_str	BOBJ1	239.5082	Before	Interior Girder 1	14.5082	0.95	1	1	9.032997
Overweight Permit_str	BOBJ1	239.5082	Before	Interior Girder 2	14.5082	0.95	1	1	9.032997
Overweight Permit_str	BOBJ1	239.5082	Before	Right Exterior Girder	14.5082	0.95	1	1	5.979106
Overweight Permit_str	BOBJ1	239.5082	After	Left Exterior Girder	14.5082	0.95	1	1	3.894071
Overweight Permit_str	BOBJ1	239.5082	After	Interior Girder 1	14.5082	0.95	1	1	5.893181
Overweight Permit_str	BOBJ1	239.5082	After	Interior Girder 2	14.5082	0.95	1	1	5.893182
Overweight Permit_str	BOBJ1	239.5082	After	Right Exterior Girder	14.5082	0.95	1	1	3.894071
Overweight Permit_str	BOBJ1	247.9	Before	Left Exterior Girder	22.9	0.95	1	1	6.473125
Overweight Permit_str	BOBJ1	247.9	Before	Interior Girder 1	22.9	0.95	1	1	9.908969
Overweight Permit_str	BOBJ1	247.9	Before	Interior Girder 2	22.9	0.95	1	1	9.908969
Overweight Permit_str	BOBJ1	247.9	Before	Right Exterior Girder	22.9	0.95	1	1	6.473125
Overweight Permit_str	BOBJ1	247.9	After	Left Exterior Girder	22.9	0.95	1	1	6.104808
Overweight Permit_str	BOBJ1	247.9	After	Interior Girder 1	22.9	0.95	1	1	9.908438
Overweight Permit_str	BOBJ1	247.9	After	Interior Girder 2	22.9	0.95	1	1	9.908438
Overweight Permit_str	BOBJ1	247.9	After	Right Exterior Girder	22.9	0.95	1	1	6.104808
Overweight Permit_str	BOBJ1	258.5189	Before	Left Exterior Girder	33.5189	0.95	1	1	10.604176
Overweight Permit_str	BOBJ1	258.5189	Before	Interior Girder 1	33.5189	0.95	1	1	13.415516
Overweight Permit_str	BOBJ1	258.5189	Before	Interior Girder 2	33.5189	0.95	1	1	13.415516
Overweight Permit_str	BOBJ1	258.5189	Before	Right Exterior Girder	33.5189	0.95	1	1	10.604176
Overweight Permit_str	BOBJ1	258.5189	After	Left Exterior Girder	33.5189	0.95	1	1	7.273721
Overweight Permit_str	BOBJ1	258.5189	After	Interior Girder 1	33.5189	0.95	1	1	9.104976
Overweight Permit_str	BOBJ1	258.5189	After	Interior Girder 2	33.5189	0.95	1	1	9.104976
Overweight Permit_str	BOBJ1	258.5189	After	Right Exterior Girder	33.5189	0.95	1	1	7.273721
Overweight Permit_str	BOBJ1	259.3	Before	Left Exterior Girder	34.3	0.95	1	1	7.480641
Overweight Permit_str	BOBJ1	259.3	Before	Interior Girder 1	34.3	0.95	1	1	9.356487
Overweight Permit_str	BOBJ1	259.3	Before	Interior Girder 2	34.3	0.95	1	1	9.356487
Overweight Permit_str	BOBJ1	259.3	Before	Right Exterior Girder	34.3	0.95	1	1	7.480641

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelNonCompStrgth-Flx - Main Span Girders

Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Overweight Permit_str	BOBJ1	259.3	After	Left Exterior Girder	34.3	0.95	1	1	7.48043
Overweight Permit_str	BOBJ1	259.3	After	Interior Girder 1	34.3	0.95	1	1	9.363227
Overweight Permit_str	BOBJ1	259.3	After	Interior Girder 2	34.3	0.95	1	1	9.363226
Overweight Permit_str	BOBJ1	259.3	After	Right Exterior Girder	34.3	0.95	1	1	7.48043
Overweight Permit_str	BOBJ1	266.1031	Before	Left Exterior Girder	41.1031	0.95	1	1	9.044125
Overweight Permit_str	BOBJ1	266.1031	Before	Interior Girder 1	41.1031	0.95	1	1	11.457523
Overweight Permit_str	BOBJ1	266.1031	Before	Interior Girder 2	41.1031	0.95	1	1	11.457523
Overweight Permit_str	BOBJ1	266.1031	Before	Right Exterior Girder	41.1031	0.95	1	1	9.044125
Overweight Permit_str	BOBJ1	266.1031	After	Left Exterior Girder	41.1031	0.95	1	1	4.799994
Overweight Permit_str	BOBJ1	266.1031	After	Interior Girder 1	41.1031	0.95	1	1	6.01695
Overweight Permit_str	BOBJ1	266.1031	After	Interior Girder 2	41.1031	0.95	1	1	6.01695
Overweight Permit_str	BOBJ1	266.1031	After	Right Exterior Girder	41.1031	0.95	1	1	4.799994
Overweight Permit_str	BOBJ1	270.7	Before	Left Exterior Girder	45.7	0.95	1	1	5.829472
Overweight Permit_str	BOBJ1	270.7	Before	Interior Girder 1	45.7	0.95	1	1	7.345214
Overweight Permit_str	BOBJ1	270.7	Before	Interior Girder 2	45.7	0.95	1	1	7.345214
Overweight Permit_str	BOBJ1	270.7	Before	Right Exterior Girder	45.7	0.95	1	1	5.829472
Overweight Permit_str	BOBJ1	270.7	After	Left Exterior Girder	45.7	0.95	1	1	6.938859
Overweight Permit_str	BOBJ1	270.7	After	Interior Girder 1	45.7	0.95	1	1	8.463863
Overweight Permit_str	BOBJ1	270.7	After	Interior Girder 2	45.7	0.95	1	1	8.463863
Overweight Permit_str	BOBJ1	270.7	After	Right Exterior Girder	45.7	0.95	1	1	6.938859
Overweight Permit_str	BOBJ1	273.6874	Before	Left Exterior Girder	48.6874	0.95	1	1	7.640988
Overweight Permit_str	BOBJ1	273.6874	Before	Interior Girder 1	48.6874	0.95	1	1	9.337584
Overweight Permit_str	BOBJ1	273.6874	Before	Interior Girder 2	48.6874	0.95	1	1	9.337584
Overweight Permit_str	BOBJ1	273.6874	Before	Right Exterior Girder	48.6874	0.95	1	1	7.640987
Overweight Permit_str	BOBJ1	273.6874	After	Left Exterior Girder	48.6874	0.95	1	1	3.354449
Overweight Permit_str	BOBJ1	273.6874	After	Interior Girder 1	48.6874	0.95	1	1	4.087369
Overweight Permit_str	BOBJ1	273.6874	After	Interior Girder 2	48.6874	0.95	1	1	4.087369
Overweight Permit_str	BOBJ1	273.6874	After	Right Exterior Girder	48.6874	0.95	1	1	3.354449
Overweight Permit_str	BOBJ1	282.15	Before	Left Exterior Girder	57.15	0.95	1	1	5.254587
Overweight Permit_str	BOBJ1	282.15	Before	Interior Girder 1	57.15	0.95	1	1	6.396903
Overweight Permit_str	BOBJ1	282.15	Before	Interior Girder 2	57.15	0.95	1	1	6.396903
Overweight Permit_str	BOBJ1	282.15	Before	Right Exterior Girder	57.15	0.95	1	1	5.254586
Overweight Permit_str	BOBJ1	282.15	After	Left Exterior Girder	57.15	0.95	1	1	5.250702
Overweight Permit_str	BOBJ1	282.15	After	Interior Girder 1	57.15	0.95	1	1	6.407331
Overweight Permit_str	BOBJ1	282.15	After	Interior Girder 2	57.15	0.95	1	1	6.407331
Overweight Permit_str	BOBJ1	282.15	After	Right Exterior Girder	57.15	0.95	1	1	5.250702
Overweight Permit_str	BOBJ1	293.6	Before	Left Exterior Girder	68.6	0.95	1	1	4.125976
Overweight Permit_str	BOBJ1	293.6	Before	Interior Girder 1	68.6	0.95	1	1	4.410688
Overweight Permit_str	BOBJ1	293.6	Before	Interior Girder 2	68.6	0.95	1	1	4.410688
Overweight Permit_str	BOBJ1	293.6	Before	Right Exterior Girder	68.6	0.95	1	1	4.125975
Overweight Permit_str	BOBJ1	293.6	After	Left Exterior Girder	68.6	0.95	1	1	4.432588
Overweight Permit_str	BOBJ1	293.6	After	Interior Girder 1	68.6	0.95	1	1	4.368635
Overweight Permit_str	BOBJ1	293.6	After	Interior Girder 2	68.6	0.95	1	1	4.368635
Overweight Permit_str	BOBJ1	293.6	After	Right Exterior Girder	68.6	0.95	1	1	4.432588
Overweight Permit_str	BOBJ1	305	Before	Left Exterior Girder	80	0.95	1	1	2.171131
Overweight Permit_str	BOBJ1	305	Before	Interior Girder 1	80	0.95	1	1	2.374847
Overweight Permit_str	BOBJ1	305	Before	Interior Girder 2	80	0.95	1	1	2.374847
Overweight Permit_str	BOBJ1	305	Before	Right Exterior Girder	80	0.95	1	1	2.171131
Overweight Permit_str	BOBJ1	305	After	Left Exterior Girder	80	0.95	1	1	2.174863
Overweight Permit_str	BOBJ1	305	After	Interior Girder 1	80	0.95	1	1	2.373759
Overweight Permit_str	BOBJ1	305	After	Interior Girder 2	80	0.95	1	1	2.373759
Overweight Permit_str	BOBJ1	305	After	Right Exterior Girder	80	0.95	1	1	2.174863
Overweight Permit_str	BOBJ1	306.9561	Before	Left Exterior Girder	81.9561	0.95	1	1	1.901903
Overweight Permit_str	BOBJ1	306.9561	Before	Interior Girder 1	81.9561	0.95	1	1	2.122365
Overweight Permit_str	BOBJ1	306.9561	Before	Interior Girder 2	81.9561	0.95	1	1	2.122365
Overweight Permit_str	BOBJ1	306.9561	Before	Right Exterior Girder	81.9561	0.95	1	1	1.901903
Overweight Permit_str	BOBJ1	306.9561	After	Left Exterior Girder	81.9561	0.95	1	1	4.977057
Overweight Permit_str	BOBJ1	306.9561	After	Interior Girder 1	81.9561	0.95	1	1	5.608427
Overweight Permit_str	BOBJ1	306.9561	After	Interior Girder 2	81.9561	0.95	1	1	5.608427
Overweight Permit_str	BOBJ1	306.9561	After	Right Exterior Girder	81.9561	0.95	1	1	4.977057
Overweight Permit_str	BOBJ1	316.4	Before	Left Exterior Girder	91.4	0.95	1	1	3.515633
Overweight Permit_str	BOBJ1	316.4	Before	Interior Girder 1	91.4	0.95	1	1	4.254021
Overweight Permit_str	BOBJ1	316.4	Before	Interior Girder 2	91.4	0.95	1	1	4.254021
Overweight Permit_str	BOBJ1	316.4	Before	Right Exterior Girder	91.4	0.95	1	1	3.515633
Overweight Permit_str	BOBJ1	316.4	After	Left Exterior Girder	91.4	0.95	1	1	3.648096
Overweight Permit_str	BOBJ1	316.4	After	Interior Girder 1	91.4	0.95	1	1	4.132409
Overweight Permit_str	BOBJ1	316.4	After	Interior Girder 2	91.4	0.95	1	1	4.132409
Overweight Permit_str	BOBJ1	316.4	After	Right Exterior Girder	91.4	0.95	1	1	3.648096

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelINonCompStrgth-Flx - Main Span Girders									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Overweight Permit_str	BOBJ1	327.85	Before	Left Exterior Girder	102.9679	0.95	1	1	2.50394
Overweight Permit_str	BOBJ1	327.85	Before	Interior Girder 1	102.9679	0.95	1	1	2.97244
Overweight Permit_str	BOBJ1	327.85	Before	Interior Girder 2	102.9679	0.95	1	1	2.97244
Overweight Permit_str	BOBJ1	327.85	Before	Right Exterior Girder	102.9679	0.95	1	1	2.50394
Overweight Permit_str	BOBJ1	327.85	After	Left Exterior Girder	102.9679	0.95	1	1	4.838096
Overweight Permit_str	BOBJ1	327.85	After	Interior Girder 1	102.9679	0.95	1	1	5.799829
Overweight Permit_str	BOBJ1	327.85	After	Interior Girder 2	102.9679	0.95	1	1	5.799829
Overweight Permit_str	BOBJ1	327.85	After	Right Exterior Girder	102.9679	0.95	1	1	4.838096
Overweight Permit_str	BOBJ1	339.3	Before	Left Exterior Girder	114.3	0.95	1	1	3.87909
Overweight Permit_str	BOBJ1	339.3	Before	Interior Girder 1	114.3	0.95	1	1	4.842076
Overweight Permit_str	BOBJ1	339.3	Before	Interior Girder 2	114.3	0.95	1	1	4.842076
Overweight Permit_str	BOBJ1	339.3	Before	Right Exterior Girder	114.3	0.95	1	1	3.87909
Overweight Permit_str	BOBJ1	339.3	After	Left Exterior Girder	114.3	0.95	1	1	3.957441
Overweight Permit_str	BOBJ1	339.3	After	Interior Girder 1	114.3	0.95	1	1	4.761264
Overweight Permit_str	BOBJ1	339.3	After	Interior Girder 2	114.3	0.95	1	1	4.761265
Overweight Permit_str	BOBJ1	339.3	After	Right Exterior Girder	114.3	0.95	1	1	3.957441
Overweight Permit_str	BOBJ1	350.7	Before	Left Exterior Girder	125.7	0.95	1	1	3.336853
Overweight Permit_str	BOBJ1	350.7	Before	Interior Girder 1	125.7	0.95	1	1	4.090787
Overweight Permit_str	BOBJ1	350.7	Before	Interior Girder 2	125.7	0.95	1	1	4.090788
Overweight Permit_str	BOBJ1	350.7	Before	Right Exterior Girder	125.7	0.95	1	1	3.336854
Overweight Permit_str	BOBJ1	350.7	After	Left Exterior Girder	125.7	0.95	1	1	3.338259
Overweight Permit_str	BOBJ1	350.7	After	Interior Girder 1	125.7	0.95	1	1	4.088115
Overweight Permit_str	BOBJ1	350.7	After	Interior Girder 2	125.7	0.95	1	1	4.088115
Overweight Permit_str	BOBJ1	350.7	After	Right Exterior Girder	125.7	0.95	1	1	3.338259
Overweight Permit_str	BOBJ1	362.1	Before	Left Exterior Girder	137.1	0.95	1	1	2.959857
Overweight Permit_str	BOBJ1	362.1	Before	Interior Girder 1	137.1	0.95	1	1	3.706509
Overweight Permit_str	BOBJ1	362.1	Before	Interior Girder 2	137.1	0.95	1	1	3.706509
Overweight Permit_str	BOBJ1	362.1	Before	Right Exterior Girder	137.1	0.95	1	1	2.959857
Overweight Permit_str	BOBJ1	362.1	After	Left Exterior Girder	137.1	0.95	1	1	2.993967
Overweight Permit_str	BOBJ1	362.1	After	Interior Girder 1	137.1	0.95	1	1	3.673187
Overweight Permit_str	BOBJ1	362.1	After	Interior Girder 2	137.1	0.95	1	1	3.673187
Overweight Permit_str	BOBJ1	362.1	After	Right Exterior Girder	137.1	0.95	1	1	2.993967
Overweight Permit_str	BOBJ1	373.55	Before	Left Exterior Girder	148.55	0.95	1	1	2.792707
Overweight Permit_str	BOBJ1	373.55	Before	Interior Girder 1	148.55	0.95	1	1	3.434902
Overweight Permit_str	BOBJ1	373.55	Before	Interior Girder 2	148.55	0.95	1	1	3.434902
Overweight Permit_str	BOBJ1	373.55	Before	Right Exterior Girder	148.55	0.95	1	1	2.792707
Overweight Permit_str	BOBJ1	373.55	After	Left Exterior Girder	148.55	0.95	1	1	2.793012
Overweight Permit_str	BOBJ1	373.55	After	Interior Girder 1	148.55	0.95	1	1	3.433377
Overweight Permit_str	BOBJ1	373.55	After	Interior Girder 2	148.55	0.95	1	1	3.433377
Overweight Permit_str	BOBJ1	373.55	After	Right Exterior Girder	148.55	0.95	1	1	2.793012
Overweight Permit_str	BOBJ1	385	Before	Left Exterior Girder	160	0.95	1	1	2.751578
Overweight Permit_str	BOBJ1	385	Before	Interior Girder 1	160	0.95	1	1	3.392154
Overweight Permit_str	BOBJ1	385	Before	Interior Girder 2	160	0.95	1	1	3.392154
Overweight Permit_str	BOBJ1	385	Before	Right Exterior Girder	160	0.95	1	1	2.751578
Overweight Permit_str	BOBJ1	385	After	Left Exterior Girder	160	0.95	1	1	2.751578
Overweight Permit_str	BOBJ1	385	After	Interior Girder 1	160	0.95	1	1	3.392154
Overweight Permit_str	BOBJ1	385	After	Interior Girder 2	160	0.95	1	1	3.392154
Overweight Permit_str	BOBJ1	385	After	Right Exterior Girder	160	0.95	1	1	2.751578
Overweight Permit_str	BOBJ1	396.45	Before	Left Exterior Girder	171.45	0.95	1	1	2.793012
Overweight Permit_str	BOBJ1	396.45	Before	Interior Girder 1	171.45	0.95	1	1	3.433377
Overweight Permit_str	BOBJ1	396.45	Before	Interior Girder 2	171.45	0.95	1	1	3.433377
Overweight Permit_str	BOBJ1	396.45	Before	Right Exterior Girder	171.45	0.95	1	1	2.793012
Overweight Permit_str	BOBJ1	396.45	After	Left Exterior Girder	171.45	0.95	1	1	2.792707
Overweight Permit_str	BOBJ1	396.45	After	Interior Girder 1	171.45	0.95	1	1	3.434902
Overweight Permit_str	BOBJ1	396.45	After	Interior Girder 2	171.45	0.95	1	1	3.434902
Overweight Permit_str	BOBJ1	396.45	After	Right Exterior Girder	171.45	0.95	1	1	2.792707
Overweight Permit_str	BOBJ1	407.9	Before	Left Exterior Girder	182.9	0.95	1	1	2.993967
Overweight Permit_str	BOBJ1	407.9	Before	Interior Girder 1	182.9	0.95	1	1	3.673187
Overweight Permit_str	BOBJ1	407.9	Before	Interior Girder 2	182.9	0.95	1	1	3.673187
Overweight Permit_str	BOBJ1	407.9	Before	Right Exterior Girder	182.9	0.95	1	1	2.993967
Overweight Permit_str	BOBJ1	407.9	After	Left Exterior Girder	182.9	0.95	1	1	2.959857
Overweight Permit_str	BOBJ1	407.9	After	Interior Girder 1	182.9	0.95	1	1	3.706508
Overweight Permit_str	BOBJ1	407.9	After	Interior Girder 2	182.9	0.95	1	1	3.706508
Overweight Permit_str	BOBJ1	407.9	After	Right Exterior Girder	182.9	0.95	1	1	2.959857
Overweight Permit_str	BOBJ1	419.3	Before	Left Exterior Girder	194.3	0.95	1	1	3.338259
Overweight Permit_str	BOBJ1	419.3	Before	Interior Girder 1	194.3	0.95	1	1	4.088115
Overweight Permit_str	BOBJ1	419.3	Before	Interior Girder 2	194.3	0.95	1	1	4.088115
Overweight Permit_str	BOBJ1	419.3	Before	Right Exterior Girder	194.3	0.95	1	1	3.338259

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelNonCompStrgth-Flx - Main Span Girders									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Overweight Permit_str	BOBJ1	419.3	After	Left Exterior Girder	194.3	0.95	1	1	3.336853
Overweight Permit_str	BOBJ1	419.3	After	Interior Girder 1	194.3	0.95	1	1	4.090787
Overweight Permit_str	BOBJ1	419.3	After	Interior Girder 2	194.3	0.95	1	1	4.090787
Overweight Permit_str	BOBJ1	419.3	After	Right Exterior Girder	194.3	0.95	1	1	3.336853
Overweight Permit_str	BOBJ1	430.7	Before	Left Exterior Girder	205.7	0.95	1	1	3.957441
Overweight Permit_str	BOBJ1	430.7	Before	Interior Girder 1	205.7	0.95	1	1	4.761264
Overweight Permit_str	BOBJ1	430.7	Before	Interior Girder 2	205.7	0.95	1	1	4.761264
Overweight Permit_str	BOBJ1	430.7	Before	Right Exterior Girder	205.7	0.95	1	1	3.957441
Overweight Permit_str	BOBJ1	430.7	After	Left Exterior Girder	205.7	0.95	1	1	3.87909
Overweight Permit_str	BOBJ1	430.7	After	Interior Girder 1	205.7	0.95	1	1	4.842076
Overweight Permit_str	BOBJ1	430.7	After	Interior Girder 2	205.7	0.95	1	1	4.842076
Overweight Permit_str	BOBJ1	430.7	After	Right Exterior Girder	205.7	0.95	1	1	3.87909
Overweight Permit_str	BOBJ1	442.15	Before	Left Exterior Girder	217.0321	0.95	1	1	4.828584
Overweight Permit_str	BOBJ1	442.15	Before	Interior Girder 1	217.0321	0.95	1	1	5.794172
Overweight Permit_str	BOBJ1	442.15	Before	Interior Girder 2	217.0321	0.95	1	1	5.794172
Overweight Permit_str	BOBJ1	442.15	Before	Right Exterior Girder	217.0321	0.95	1	1	4.828584
Overweight Permit_str	BOBJ1	442.15	After	Left Exterior Girder	217.0321	0.95	1	1	2.499477
Overweight Permit_str	BOBJ1	442.15	After	Interior Girder 1	217.0321	0.95	1	1	2.968699
Overweight Permit_str	BOBJ1	442.15	After	Interior Girder 2	217.0321	0.95	1	1	2.968699
Overweight Permit_str	BOBJ1	442.15	After	Right Exterior Girder	217.0321	0.95	1	1	2.499477
Overweight Permit_str	BOBJ1	453.6	Before	Left Exterior Girder	228.6	0.95	1	1	3.648095
Overweight Permit_str	BOBJ1	453.6	Before	Interior Girder 1	228.6	0.95	1	1	4.132409
Overweight Permit_str	BOBJ1	453.6	Before	Interior Girder 2	228.6	0.95	1	1	4.132409
Overweight Permit_str	BOBJ1	453.6	Before	Right Exterior Girder	228.6	0.95	1	1	3.648095
Overweight Permit_str	BOBJ1	453.6	After	Left Exterior Girder	228.6	0.95	1	1	3.515633
Overweight Permit_str	BOBJ1	453.6	After	Interior Girder 1	228.6	0.95	1	1	4.254021
Overweight Permit_str	BOBJ1	453.6	After	Interior Girder 2	228.6	0.95	1	1	4.254021
Overweight Permit_str	BOBJ1	453.6	After	Right Exterior Girder	228.6	0.95	1	1	3.515633
Overweight Permit_str	BOBJ1	463.0439	Before	Left Exterior Girder	238.0439	0.95	1	1	4.957902
Overweight Permit_str	BOBJ1	463.0439	Before	Interior Girder 1	238.0439	0.95	1	1	5.600551
Overweight Permit_str	BOBJ1	463.0439	Before	Interior Girder 2	238.0439	0.95	1	1	5.600551
Overweight Permit_str	BOBJ1	463.0439	Before	Right Exterior Girder	238.0439	0.95	1	1	4.957902
Overweight Permit_str	BOBJ1	463.0439	After	Left Exterior Girder	238.0439	0.95	1	1	1.894468
Overweight Permit_str	BOBJ1	463.0439	After	Interior Girder 1	238.0439	0.95	1	1	2.119872
Overweight Permit_str	BOBJ1	463.0439	After	Interior Girder 2	238.0439	0.95	1	1	2.119873
Overweight Permit_str	BOBJ1	463.0439	After	Right Exterior Girder	238.0439	0.95	1	1	1.894468
Overweight Permit_str	BOBJ1	465	Before	Left Exterior Girder	240	0.95	1	1	2.174863
Overweight Permit_str	BOBJ1	465	Before	Interior Girder 1	240	0.95	1	1	2.373759
Overweight Permit_str	BOBJ1	465	Before	Interior Girder 2	240	0.95	1	1	2.373759
Overweight Permit_str	BOBJ1	465	Before	Right Exterior Girder	240	0.95	1	1	2.174863
Overweight Permit_str	BOBJ1	465	After	Left Exterior Girder	240	0.95	1	1	2.171131
Overweight Permit_str	BOBJ1	465	After	Interior Girder 1	240	0.95	1	1	2.374847
Overweight Permit_str	BOBJ1	465	After	Interior Girder 2	240	0.95	1	1	2.374847
Overweight Permit_str	BOBJ1	465	After	Right Exterior Girder	240	0.95	1	1	2.171131
Overweight Permit_str	BOBJ1	476.4	Before	Left Exterior Girder	251.4	0.95	1	1	4.432717
Overweight Permit_str	BOBJ1	476.4	Before	Interior Girder 1	251.4	0.95	1	1	4.36872
Overweight Permit_str	BOBJ1	476.4	Before	Interior Girder 2	251.4	0.95	1	1	4.368721
Overweight Permit_str	BOBJ1	476.4	Before	Right Exterior Girder	251.4	0.95	1	1	4.432717
Overweight Permit_str	BOBJ1	476.4	After	Left Exterior Girder	251.4	0.95	1	1	4.126107
Overweight Permit_str	BOBJ1	476.4	After	Interior Girder 1	251.4	0.95	1	1	4.410762
Overweight Permit_str	BOBJ1	476.4	After	Interior Girder 2	251.4	0.95	1	1	4.410763
Overweight Permit_str	BOBJ1	476.4	After	Right Exterior Girder	251.4	0.95	1	1	4.126107
Overweight Permit_str	BOBJ1	487.85	Before	Left Exterior Girder	262.85	0.95	1	1	4.735644
Overweight Permit_str	BOBJ1	487.85	Before	Interior Girder 1	262.85	0.95	1	1	6.125401
Overweight Permit_str	BOBJ1	487.85	Before	Interior Girder 2	262.85	0.95	1	1	6.125401
Overweight Permit_str	BOBJ1	487.85	Before	Right Exterior Girder	262.85	0.95	1	1	4.735644
Overweight Permit_str	BOBJ1	487.85	After	Left Exterior Girder	262.85	0.95	1	1	4.740246
Overweight Permit_str	BOBJ1	487.85	After	Interior Girder 1	262.85	0.95	1	1	6.114818
Overweight Permit_str	BOBJ1	487.85	After	Interior Girder 2	262.85	0.95	1	1	6.114818
Overweight Permit_str	BOBJ1	487.85	After	Right Exterior Girder	262.85	0.95	1	1	4.740246
Overweight Permit_str	BOBJ1	496.3126	Before	Left Exterior Girder	271.3126	0.95	1	1	2.886639
Overweight Permit_str	BOBJ1	496.3126	Before	Interior Girder 1	271.3126	0.95	1	1	3.836949
Overweight Permit_str	BOBJ1	496.3126	Before	Interior Girder 2	271.3126	0.95	1	1	3.836948
Overweight Permit_str	BOBJ1	496.3126	Before	Right Exterior Girder	271.3126	0.95	1	1	2.886639
Overweight Permit_str	BOBJ1	496.3126	After	Left Exterior Girder	271.3126	0.95	1	1	7.685533
Overweight Permit_str	BOBJ1	496.3126	After	Interior Girder 1	271.3126	0.95	1	1	9.370199
Overweight Permit_str	BOBJ1	496.3126	After	Interior Girder 2	271.3126	0.95	1	1	9.370199
Overweight Permit_str	BOBJ1	496.3126	After	Right Exterior Girder	271.3126	0.95	1	1	7.685533

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelNonCompStrgth-Flx - Main Span Girders

Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Overweight Permit_str	BOBJ1	499.3	Before	Left Exterior Girder	274.3	0.95	1	1	6.939614
Overweight Permit_str	BOBJ1	499.3	Before	Interior Girder 1	274.3	0.95	1	1	8.464203
Overweight Permit_str	BOBJ1	499.3	Before	Interior Girder 2	274.3	0.95	1	1	8.464202
Overweight Permit_str	BOBJ1	499.3	Before	Right Exterior Girder	274.3	0.95	1	1	6.939614
Overweight Permit_str	BOBJ1	499.3	After	Left Exterior Girder	274.3	0.95	1	1	5.830116
Overweight Permit_str	BOBJ1	499.3	After	Interior Girder 1	274.3	0.95	1	1	7.34556
Overweight Permit_str	BOBJ1	499.3	After	Interior Girder 2	274.3	0.95	1	1	7.34556
Overweight Permit_str	BOBJ1	499.3	After	Right Exterior Girder	274.3	0.95	1	1	5.830117
Overweight Permit_str	BOBJ1	503.8969	Before	Left Exterior Girder	278.8969	0.95	1	1	4.80055
Overweight Permit_str	BOBJ1	503.8969	Before	Interior Girder 1	278.8969	0.95	1	1	6.017096
Overweight Permit_str	BOBJ1	503.8969	Before	Interior Girder 2	278.8969	0.95	1	1	6.017095
Overweight Permit_str	BOBJ1	503.8969	Before	Right Exterior Girder	278.8969	0.95	1	1	4.80055
Overweight Permit_str	BOBJ1	503.8969	After	Left Exterior Girder	278.8969	0.95	1	1	9.045168
Overweight Permit_str	BOBJ1	503.8969	After	Interior Girder 1	278.8969	0.95	1	1	11.457858
Overweight Permit_str	BOBJ1	503.8969	After	Interior Girder 2	278.8969	0.95	1	1	11.457858
Overweight Permit_str	BOBJ1	503.8969	After	Right Exterior Girder	278.8969	0.95	1	1	9.045168
Overweight Permit_str	BOBJ1	510.7	Before	Left Exterior Girder	285.7	0.95	1	1	7.481271
Overweight Permit_str	BOBJ1	510.7	Before	Interior Girder 1	285.7	0.95	1	1	9.363188
Overweight Permit_str	BOBJ1	510.7	Before	Interior Girder 2	285.7	0.95	1	1	9.363187
Overweight Permit_str	BOBJ1	510.7	Before	Right Exterior Girder	285.7	0.95	1	1	7.481271
Overweight Permit_str	BOBJ1	510.7	After	Left Exterior Girder	285.7	0.95	1	1	7.481473
Overweight Permit_str	BOBJ1	510.7	After	Interior Girder 1	285.7	0.95	1	1	9.356474
Overweight Permit_str	BOBJ1	510.7	After	Interior Girder 2	285.7	0.95	1	1	9.356474
Overweight Permit_str	BOBJ1	510.7	After	Right Exterior Girder	285.7	0.95	1	1	7.481473
Overweight Permit_str	BOBJ1	511.4811	Before	Left Exterior Girder	286.4811	0.95	1	1	7.300265
Overweight Permit_str	BOBJ1	511.4811	Before	Interior Girder 1	286.4811	0.95	1	1	9.12658
Overweight Permit_str	BOBJ1	511.4811	Before	Interior Girder 2	286.4811	0.95	1	1	9.126579
Overweight Permit_str	BOBJ1	511.4811	Before	Right Exterior Girder	286.4811	0.95	1	1	7.300265
Overweight Permit_str	BOBJ1	511.4811	After	Left Exterior Girder	286.4811	0.95	1	1	10.643255
Overweight Permit_str	BOBJ1	511.4811	After	Interior Girder 1	286.4811	0.95	1	1	13.445728
Overweight Permit_str	BOBJ1	511.4811	After	Interior Girder 2	286.4811	0.95	1	1	13.445727
Overweight Permit_str	BOBJ1	511.4811	After	Right Exterior Girder	286.4811	0.95	1	1	10.643255
Overweight Permit_str	BOBJ1	522.1	Before	Left Exterior Girder	297.1	0.95	1	1	6.104809
Overweight Permit_str	BOBJ1	522.1	Before	Interior Girder 1	297.1	0.95	1	1	9.908438
Overweight Permit_str	BOBJ1	522.1	Before	Interior Girder 2	297.1	0.95	1	1	9.908439
Overweight Permit_str	BOBJ1	522.1	Before	Right Exterior Girder	297.1	0.95	1	1	6.104809
Overweight Permit_str	BOBJ1	522.1	After	Left Exterior Girder	297.1	0.95	1	1	6.473125
Overweight Permit_str	BOBJ1	522.1	After	Interior Girder 1	297.1	0.95	1	1	9.908969
Overweight Permit_str	BOBJ1	522.1	After	Interior Girder 2	297.1	0.95	1	1	9.90897
Overweight Permit_str	BOBJ1	522.1	After	Right Exterior Girder	297.1	0.95	1	1	6.473125
Overweight Permit_str	BOBJ1	530.4918	Before	Left Exterior Girder	305.4918	0.95	1	1	3.894072
Overweight Permit_str	BOBJ1	530.4918	Before	Interior Girder 1	305.4918	0.95	1	1	5.893181
Overweight Permit_str	BOBJ1	530.4918	Before	Interior Girder 2	305.4918	0.95	1	1	5.893182
Overweight Permit_str	BOBJ1	530.4918	Before	Right Exterior Girder	305.4918	0.95	1	1	3.894071
Overweight Permit_str	BOBJ1	530.4918	After	Left Exterior Girder	305.4918	0.95	1	1	5.979107
Overweight Permit_str	BOBJ1	530.4918	After	Interior Girder 1	305.4918	0.95	1	1	9.032997
Overweight Permit_str	BOBJ1	530.4918	After	Interior Girder 2	305.4918	0.95	1	1	9.032998
Overweight Permit_str	BOBJ1	530.4918	After	Right Exterior Girder	305.4918	0.95	1	1	5.979107
Overweight Permit_str	BOBJ1	533.55	Before	Left Exterior Girder	308.55	0.95	1	1	5.11792
Overweight Permit_str	BOBJ1	533.55	Before	Interior Girder 1	308.55	0.95	1	1	7.632861
Overweight Permit_str	BOBJ1	533.55	Before	Interior Girder 2	308.55	0.95	1	1	7.632862
Overweight Permit_str	BOBJ1	533.55	Before	Right Exterior Girder	308.55	0.95	1	1	5.11792
Overweight Permit_str	BOBJ1	533.55	After	Left Exterior Girder	308.55	0.95	1	1	5.107623
Overweight Permit_str	BOBJ1	533.55	After	Interior Girder 1	308.55	0.95	1	1	7.63128
Overweight Permit_str	BOBJ1	533.55	After	Interior Girder 2	308.55	0.95	1	1	7.63128
Overweight Permit_str	BOBJ1	533.55	After	Right Exterior Girder	308.55	0.95	1	1	5.107623
Overweight Permit_str	BOBJ1	545	Before	Left Exterior Girder	320	0.95	1	1	2.779479
Overweight Permit_str	BOBJ1	545	Before	Interior Girder 1	320	0.95	1	1	3.889373
Overweight Permit_str	BOBJ1	545	Before	Interior Girder 2	320	0.95	1	1	3.889374
Overweight Permit_str	BOBJ1	545	Before	Right Exterior Girder	320	0.95	1	1	2.779479
Overweight Permit_str	BOBJ1	545	After	Left Exterior Girder	0	0.95	1	1	3.115628
Overweight Permit_str	BOBJ1	545	After	Interior Girder 1	0	0.95	1	1	4.259849
Overweight Permit_str	BOBJ1	545	After	Interior Girder 2	0	0.95	1	1	4.259849
Overweight Permit_str	BOBJ1	545	After	Right Exterior Girder	0	0.95	1	1	3.115627
Overweight Permit_str	BOBJ1	556.25	Before	Left Exterior Girder	11.25	0.95	1	1	5.619165
Overweight Permit_str	BOBJ1	556.25	Before	Interior Girder 1	11.25	0.95	1	1	8.196147
Overweight Permit_str	BOBJ1	556.25	Before	Interior Girder 2	11.25	0.95	1	1	8.196147
Overweight Permit_str	BOBJ1	556.25	Before	Right Exterior Girder	11.25	0.95	1	1	5.619165

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelNonCompStrgth-Flx - Main Span Girders

Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Overweight Permit_str	BOBJ1	556.25	After	Left Exterior Girder	11.25	0.95	1	1	5.613426
Overweight Permit_str	BOBJ1	556.25	After	Interior Girder 1	11.25	0.95	1	1	8.206651
Overweight Permit_str	BOBJ1	556.25	After	Interior Girder 2	11.25	0.95	1	1	8.206651
Overweight Permit_str	BOBJ1	556.25	After	Right Exterior Girder	11.25	0.95	1	1	5.613425
Overweight Permit_str	BOBJ1	559.4358	Before	Left Exterior Girder	14.4358	0.95	1	1	6.621085
Overweight Permit_str	BOBJ1	559.4358	Before	Interior Girder 1	14.4358	0.95	1	1	9.554989
Overweight Permit_str	BOBJ1	559.4358	Before	Interior Girder 2	14.4358	0.95	1	1	9.554989
Overweight Permit_str	BOBJ1	559.4358	Before	Right Exterior Girder	14.4358	0.95	1	1	6.621085
Overweight Permit_str	BOBJ1	559.4358	After	Left Exterior Girder	14.4358	0.95	1	1	4.277798
Overweight Permit_str	BOBJ1	559.4358	After	Interior Girder 1	14.4358	0.95	1	1	6.197084
Overweight Permit_str	BOBJ1	559.4358	After	Interior Girder 2	14.4358	0.95	1	1	6.197084
Overweight Permit_str	BOBJ1	559.4358	After	Right Exterior Girder	14.4358	0.95	1	1	4.277797
Overweight Permit_str	BOBJ1	567.5	Before	Left Exterior Girder	22.5	0.95	1	1	6.579635
Overweight Permit_str	BOBJ1	567.5	Before	Interior Girder 1	22.5	0.95	1	1	8.222332
Overweight Permit_str	BOBJ1	567.5	Before	Interior Girder 2	22.5	0.95	1	1	8.222332
Overweight Permit_str	BOBJ1	567.5	Before	Right Exterior Girder	22.5	0.95	1	1	6.579635
Overweight Permit_str	BOBJ1	567.5	After	Left Exterior Girder	22.5	0.95	1	1	7.40665
Overweight Permit_str	BOBJ1	567.5	After	Interior Girder 1	22.5	0.95	1	1	8.771757
Overweight Permit_str	BOBJ1	567.5	After	Interior Girder 2	22.5	0.95	1	1	8.771757
Overweight Permit_str	BOBJ1	567.5	After	Right Exterior Girder	22.5	0.95	1	1	7.406649
Overweight Permit_str	BOBJ1	570.0586	Before	Left Exterior Girder	25.0586	0.95	1	1	8.064114
Overweight Permit_str	BOBJ1	570.0586	Before	Interior Girder 1	25.0586	0.95	1	1	9.390045
Overweight Permit_str	BOBJ1	570.0586	Before	Interior Girder 2	25.0586	0.95	1	1	9.390045
Overweight Permit_str	BOBJ1	570.0586	Before	Right Exterior Girder	25.0586	0.95	1	1	8.064114
Overweight Permit_str	BOBJ1	570.0586	After	Left Exterior Girder	25.0586	0.95	1	1	4.849723
Overweight Permit_str	BOBJ1	570.0586	After	Interior Girder 1	25.0586	0.95	1	1	5.606023
Overweight Permit_str	BOBJ1	570.0586	After	Interior Girder 2	25.0586	0.95	1	1	5.606023
Overweight Permit_str	BOBJ1	570.0586	After	Right Exterior Girder	25.0586	0.95	1	1	4.849723
Overweight Permit_str	BOBJ1	578.75	Before	Left Exterior Girder	33.75	0.95	1	1	6.365441
Overweight Permit_str	BOBJ1	578.75	Before	Interior Girder 1	33.75	0.95	1	1	7.547921
Overweight Permit_str	BOBJ1	578.75	Before	Interior Girder 2	33.75	0.95	1	1	7.547921
Overweight Permit_str	BOBJ1	578.75	Before	Right Exterior Girder	33.75	0.95	1	1	6.365441
Overweight Permit_str	BOBJ1	578.75	After	Left Exterior Girder	33.75	0.95	1	1	6.347116
Overweight Permit_str	BOBJ1	578.75	After	Interior Girder 1	33.75	0.95	1	1	7.557876
Overweight Permit_str	BOBJ1	578.75	After	Interior Girder 2	33.75	0.95	1	1	7.557876
Overweight Permit_str	BOBJ1	578.75	After	Right Exterior Girder	33.75	0.95	1	1	6.347116
Overweight Permit_str	BOBJ1	586.8142	Before	Left Exterior Girder	41.8142	0.95	1	1	7.814849
Overweight Permit_str	BOBJ1	586.8142	Before	Interior Girder 1	41.8142	0.95	1	1	9.464897
Overweight Permit_str	BOBJ1	586.8142	Before	Interior Girder 2	41.8142	0.95	1	1	9.464897
Overweight Permit_str	BOBJ1	586.8142	Before	Right Exterior Girder	41.8142	0.95	1	1	7.814849
Overweight Permit_str	BOBJ1	586.8142	After	Left Exterior Girder	41.8142	0.95	1	1	3.642669
Overweight Permit_str	BOBJ1	586.8142	After	Interior Girder 1	41.8142	0.95	1	1	4.398713
Overweight Permit_str	BOBJ1	586.8142	After	Interior Girder 2	41.8142	0.95	1	1	4.398713
Overweight Permit_str	BOBJ1	586.8142	After	Right Exterior Girder	41.8142	0.95	1	1	3.642669
Overweight Permit_str	BOBJ1	590	Before	Left Exterior Girder	45	0.95	1	1	4.148979
Overweight Permit_str	BOBJ1	590	Before	Interior Girder 1	45	0.95	1	1	5.057972
Overweight Permit_str	BOBJ1	590	Before	Interior Girder 2	45	0.95	1	1	5.057972
Overweight Permit_str	BOBJ1	590	Before	Right Exterior Girder	45	0.95	1	1	4.148979
Overweight Permit_str	BOBJ1	590	After	Left Exterior Girder	45	0.95	1	1	2.698786
Overweight Permit_str	BOBJ1	590	After	Interior Girder 1	45	0.95	1	1	3.220337
Overweight Permit_str	BOBJ1	590	After	Interior Girder 2	45	0.95	1	1	3.220337
Overweight Permit_str	BOBJ1	590	After	Right Exterior Girder	45	0.95	1	1	2.698786
Overweight Permit_str	BOBJ1	601.25	Before	Left Exterior Girder	56.25	0.95	1	1	4.471688
Overweight Permit_str	BOBJ1	601.25	Before	Interior Girder 1	56.25	0.95	1	1	5.399932
Overweight Permit_str	BOBJ1	601.25	Before	Interior Girder 2	56.25	0.95	1	1	5.399932
Overweight Permit_str	BOBJ1	601.25	Before	Right Exterior Girder	56.25	0.95	1	1	4.471688
Overweight Permit_str	BOBJ1	601.25	After	Left Exterior Girder	56.25	0.95	1	1	4.459822
Overweight Permit_str	BOBJ1	601.25	After	Interior Girder 1	56.25	0.95	1	1	5.40939
Overweight Permit_str	BOBJ1	601.25	After	Interior Girder 2	56.25	0.95	1	1	5.40939
Overweight Permit_str	BOBJ1	601.25	After	Right Exterior Girder	56.25	0.95	1	1	4.459822
Overweight Permit_str	BOBJ1	601.7478	Before	Left Exterior Girder	56.7478	0.95	1	1	4.540693
Overweight Permit_str	BOBJ1	601.7478	Before	Interior Girder 1	56.7478	0.95	1	1	5.510217
Overweight Permit_str	BOBJ1	601.7478	Before	Interior Girder 2	56.7478	0.95	1	1	5.510217
Overweight Permit_str	BOBJ1	601.7478	Before	Right Exterior Girder	56.7478	0.95	1	1	4.540693
Overweight Permit_str	BOBJ1	601.7478	After	Left Exterior Girder	56.7478	0.95	1	1	1.441826
Overweight Permit_str	BOBJ1	601.7478	After	Interior Girder 1	56.7478	0.95	1	1	1.770841
Overweight Permit_str	BOBJ1	601.7478	After	Interior Girder 2	56.7478	0.95	1	1	1.770841
Overweight Permit_str	BOBJ1	601.7478	After	Right Exterior Girder	56.7478	0.95	1	1	1.441826

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelINonCompStrgth-Flx - Main Span Girders									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Overweight Permit_str	BOBJ1	612.5	Before	Left Exterior Girder	67.5	0.95	1	1	3.004832
Overweight Permit_str	BOBJ1	612.5	Before	Interior Girder 1	67.5	0.95	1	1	3.691871
Overweight Permit_str	BOBJ1	612.5	Before	Interior Girder 2	67.5	0.95	1	1	3.691871
Overweight Permit_str	BOBJ1	612.5	Before	Right Exterior Girder	67.5	0.95	1	1	3.004832
Overweight Permit_str	BOBJ1	612.5	After	Left Exterior Girder	67.5	0.95	1	1	4.27822
Overweight Permit_str	BOBJ1	612.5	After	Interior Girder 1	67.5	0.95	1	1	5.147525
Overweight Permit_str	BOBJ1	612.5	After	Interior Girder 2	67.5	0.95	1	1	5.147525
Overweight Permit_str	BOBJ1	612.5	After	Right Exterior Girder	67.5	0.95	1	1	4.27822
Overweight Permit_str	BOBJ1	623.75	Before	Left Exterior Girder	78.75	0.95	1	1	4.049824
Overweight Permit_str	BOBJ1	623.75	Before	Interior Girder 1	78.75	0.95	1	1	4.516076
Overweight Permit_str	BOBJ1	623.75	Before	Interior Girder 2	78.75	0.95	1	1	4.516076
Overweight Permit_str	BOBJ1	623.75	Before	Right Exterior Girder	78.75	0.95	1	1	4.049824
Overweight Permit_str	BOBJ1	623.75	After	Left Exterior Girder	78.75	0.95	1	1	4.07181
Overweight Permit_str	BOBJ1	623.75	After	Interior Girder 1	78.75	0.95	1	1	4.503099
Overweight Permit_str	BOBJ1	623.75	After	Interior Girder 2	78.75	0.95	1	1	4.503098
Overweight Permit_str	BOBJ1	623.75	After	Right Exterior Girder	78.75	0.95	1	1	4.07181
Overweight Permit_str	BOBJ1	635	Before	Left Exterior Girder	90	0.95	1	1	2.734206
Overweight Permit_str	BOBJ1	635	Before	Interior Girder 1	90	0.95	1	1	3.305558
Overweight Permit_str	BOBJ1	635	Before	Interior Girder 2	90	0.95	1	1	3.305558
Overweight Permit_str	BOBJ1	635	Before	Right Exterior Girder	90	0.95	1	1	2.734206
Overweight Permit_str	BOBJ1	635	After	Left Exterior Girder	90	0.95	1	1	2.843256
Overweight Permit_str	BOBJ1	635	After	Interior Girder 1	90	0.95	1	1	3.23222
Overweight Permit_str	BOBJ1	635	After	Interior Girder 2	90	0.95	1	1	3.23222
Overweight Permit_str	BOBJ1	635	After	Right Exterior Girder	90	0.95	1	1	2.843256
Overweight Permit_str	BOBJ1	643.5619	Before	Left Exterior Girder	98.5619	0.95	1	1	2.160088
Overweight Permit_str	BOBJ1	643.5619	Before	Interior Girder 1	98.5619	0.95	1	1	2.559118
Overweight Permit_str	BOBJ1	643.5619	Before	Interior Girder 2	98.5619	0.95	1	1	2.559118
Overweight Permit_str	BOBJ1	643.5619	Before	Right Exterior Girder	98.5619	0.95	1	1	2.160088
Overweight Permit_str	BOBJ1	643.5619	After	Left Exterior Girder	98.5619	0.95	1	1	4.106093
Overweight Permit_str	BOBJ1	643.5619	After	Interior Girder 1	98.5619	0.95	1	1	4.831196
Overweight Permit_str	BOBJ1	643.5619	After	Interior Girder 2	98.5619	0.95	1	1	4.831195
Overweight Permit_str	BOBJ1	643.5619	After	Right Exterior Girder	98.5619	0.95	1	1	4.106093
Overweight Permit_str	BOBJ1	646.25	Before	Left Exterior Girder	101.25	0.95	1	1	3.883578
Overweight Permit_str	BOBJ1	646.25	Before	Interior Girder 1	101.25	0.95	1	1	4.627094
Overweight Permit_str	BOBJ1	646.25	Before	Interior Girder 2	101.25	0.95	1	1	4.627093
Overweight Permit_str	BOBJ1	646.25	Before	Right Exterior Girder	101.25	0.95	1	1	3.883578
Overweight Permit_str	BOBJ1	646.25	After	Left Exterior Girder	101.25	0.95	1	1	3.890299
Overweight Permit_str	BOBJ1	646.25	After	Interior Girder 1	101.25	0.95	1	1	4.622847
Overweight Permit_str	BOBJ1	646.25	After	Interior Girder 2	101.25	0.95	1	1	4.622847
Overweight Permit_str	BOBJ1	646.25	After	Right Exterior Girder	101.25	0.95	1	1	3.890299
Overweight Permit_str	BOBJ1	657.5	Before	Left Exterior Girder	112.5	0.95	1	1	3.213696
Overweight Permit_str	BOBJ1	657.5	Before	Interior Girder 1	112.5	0.95	1	1	3.975818
Overweight Permit_str	BOBJ1	657.5	Before	Interior Girder 2	112.5	0.95	1	1	3.975817
Overweight Permit_str	BOBJ1	657.5	Before	Right Exterior Girder	112.5	0.95	1	1	3.213696
Overweight Permit_str	BOBJ1	657.5	After	Left Exterior Girder	112.5	0.95	1	1	3.259064
Overweight Permit_str	BOBJ1	657.5	After	Interior Girder 1	112.5	0.95	1	1	3.928372
Overweight Permit_str	BOBJ1	657.5	After	Interior Girder 2	112.5	0.95	1	1	3.928372
Overweight Permit_str	BOBJ1	657.5	After	Right Exterior Girder	112.5	0.95	1	1	3.259064
Overweight Permit_str	BOBJ1	668.75	Before	Left Exterior Girder	123.75	0.95	1	1	2.861395
Overweight Permit_str	BOBJ1	668.75	Before	Interior Girder 1	123.75	0.95	1	1	3.463596
Overweight Permit_str	BOBJ1	668.75	Before	Interior Girder 2	123.75	0.95	1	1	3.463596
Overweight Permit_str	BOBJ1	668.75	Before	Right Exterior Girder	123.75	0.95	1	1	2.861395
Overweight Permit_str	BOBJ1	668.75	After	Left Exterior Girder	123.75	0.95	1	1	2.866522
Overweight Permit_str	BOBJ1	668.75	After	Interior Girder 1	123.75	0.95	1	1	3.46862
Overweight Permit_str	BOBJ1	668.75	After	Interior Girder 2	123.75	0.95	1	1	3.46862
Overweight Permit_str	BOBJ1	668.75	After	Right Exterior Girder	123.75	0.95	1	1	2.866522
Overweight Permit_str	BOBJ1	680	Before	Left Exterior Girder	135	0.95	1	1	2.599285
Overweight Permit_str	BOBJ1	680	Before	Interior Girder 1	135	0.95	1	1	3.181299
Overweight Permit_str	BOBJ1	680	Before	Interior Girder 2	135	0.95	1	1	3.181299
Overweight Permit_str	BOBJ1	680	Before	Right Exterior Girder	135	0.95	1	1	2.599285
Overweight Permit_str	BOBJ1	680	After	Left Exterior Girder	135	0.95	1	1	2.582956
Overweight Permit_str	BOBJ1	680	After	Interior Girder 1	135	0.95	1	1	3.215011
Overweight Permit_str	BOBJ1	680	After	Interior Girder 2	135	0.95	1	1	3.215011
Overweight Permit_str	BOBJ1	680	After	Right Exterior Girder	135	0.95	1	1	2.582956
Overweight Permit_str	BOBJ1	691.25	Before	Left Exterior Girder	146.25	0.95	1	1	2.489487
Overweight Permit_str	BOBJ1	691.25	Before	Interior Girder 1	146.25	0.95	1	1	3.065771
Overweight Permit_str	BOBJ1	691.25	Before	Interior Girder 2	146.25	0.95	1	1	3.065771
Overweight Permit_str	BOBJ1	691.25	Before	Right Exterior Girder	146.25	0.95	1	1	2.489486

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelINonCompStrgth-Flx - Main Span Girders									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Overweight Permit_str	BOBJ1	691.25	After	Left Exterior Girder	146.25	0.95	1	1	2.487587
Overweight Permit_str	BOBJ1	691.25	After	Interior Girder 1	146.25	0.95	1	1	3.071462
Overweight Permit_str	BOBJ1	691.25	After	Interior Girder 2	146.25	0.95	1	1	3.071462
Overweight Permit_str	BOBJ1	691.25	After	Right Exterior Girder	146.25	0.95	1	1	2.487587
Overweight Permit_str	BOBJ1	702.5	Before	Left Exterior Girder	157.5	0.95	1	1	2.578878
Overweight Permit_str	BOBJ1	702.5	Before	Interior Girder 1	157.5	0.95	1	1	3.148076
Overweight Permit_str	BOBJ1	702.5	Before	Interior Girder 2	157.5	0.95	1	1	3.148076
Overweight Permit_str	BOBJ1	702.5	Before	Right Exterior Girder	157.5	0.95	1	1	2.578878
Overweight Permit_str	BOBJ1	702.5	After	Left Exterior Girder	157.5	0.95	1	1	2.515958
Overweight Permit_str	BOBJ1	702.5	After	Interior Girder 1	157.5	0.95	1	1	3.211092
Overweight Permit_str	BOBJ1	702.5	After	Interior Girder 2	157.5	0.95	1	1	3.211092
Overweight Permit_str	BOBJ1	702.5	After	Right Exterior Girder	157.5	0.95	1	1	2.515958
Overweight Permit_str	BOBJ1	713.75	Before	Left Exterior Girder	168.75	0.95	1	1	2.820851
Overweight Permit_str	BOBJ1	713.75	Before	Interior Girder 1	168.75	0.95	1	1	3.470234
Overweight Permit_str	BOBJ1	713.75	Before	Interior Girder 2	168.75	0.95	1	1	3.470234
Overweight Permit_str	BOBJ1	713.75	Before	Right Exterior Girder	168.75	0.95	1	1	2.820851
Overweight Permit_str	BOBJ1	713.75	After	Left Exterior Girder	168.75	0.95	1	1	2.811236
Overweight Permit_str	BOBJ1	713.75	After	Interior Girder 1	168.75	0.95	1	1	3.477788
Overweight Permit_str	BOBJ1	713.75	After	Interior Girder 2	168.75	0.95	1	1	3.477788
Overweight Permit_str	BOBJ1	713.75	After	Right Exterior Girder	168.75	0.95	1	1	2.811236
Overweight Permit_str	BOBJ1	725	Before	Left Exterior Girder	180	0.95	1	1	3.406853
Overweight Permit_str	BOBJ1	725	Before	Interior Girder 1	180	0.95	1	1	4.062248
Overweight Permit_str	BOBJ1	725	Before	Interior Girder 2	180	0.95	1	1	4.062248
Overweight Permit_str	BOBJ1	725	Before	Right Exterior Girder	180	0.95	1	1	3.406853
Overweight Permit_str	BOBJ1	725	After	Left Exterior Girder	180	0.95	1	1	3.262231
Overweight Permit_str	BOBJ1	725	After	Interior Girder 1	180	0.95	1	1	4.179743
Overweight Permit_str	BOBJ1	725	After	Interior Girder 2	180	0.95	1	1	4.179743
Overweight Permit_str	BOBJ1	725	After	Right Exterior Girder	180	0.95	1	1	3.262231
Overweight Permit_str	BOBJ1	731.1726	Before	Left Exterior Girder	186.1726	0.95	1	1	3.772352
Overweight Permit_str	BOBJ1	731.1726	Before	Interior Girder 1	186.1726	0.95	1	1	4.665988
Overweight Permit_str	BOBJ1	731.1726	Before	Interior Girder 2	186.1726	0.95	1	1	4.665988
Overweight Permit_str	BOBJ1	731.1726	Before	Right Exterior Girder	186.1726	0.95	1	1	3.772352
Overweight Permit_str	BOBJ1	731.1726	After	Left Exterior Girder	186.1726	0.95	1	1	1.608189
Overweight Permit_str	BOBJ1	731.1726	After	Interior Girder 1	186.1726	0.95	1	1	1.9981
Overweight Permit_str	BOBJ1	731.1726	After	Interior Girder 2	186.1726	0.95	1	1	1.9981
Overweight Permit_str	BOBJ1	731.1726	After	Right Exterior Girder	186.1726	0.95	1	1	1.608189
Overweight Permit_str	BOBJ1	736.25	Before	Left Exterior Girder	191.25	0.95	1	1	1.967385
Overweight Permit_str	BOBJ1	736.25	Before	Interior Girder 1	191.25	0.95	1	1	2.367016
Overweight Permit_str	BOBJ1	736.25	Before	Interior Girder 2	191.25	0.95	1	1	2.367016
Overweight Permit_str	BOBJ1	736.25	Before	Right Exterior Girder	191.25	0.95	1	1	1.967385
Overweight Permit_str	BOBJ1	736.25	After	Left Exterior Girder	191.25	0.95	1	1	1.95411
Overweight Permit_str	BOBJ1	736.25	After	Interior Girder 1	191.25	0.95	1	1	2.367901
Overweight Permit_str	BOBJ1	736.25	After	Interior Girder 2	191.25	0.95	1	1	2.367901
Overweight Permit_str	BOBJ1	736.25	After	Right Exterior Girder	191.25	0.95	1	1	1.954109
Overweight Permit_str	BOBJ1	747.5	Before	Left Exterior Girder	202.5	0.95	1	1	3.456399
Overweight Permit_str	BOBJ1	747.5	Before	Interior Girder 1	202.5	0.95	1	1	3.872371
Overweight Permit_str	BOBJ1	747.5	Before	Interior Girder 2	202.5	0.95	1	1	3.872372
Overweight Permit_str	BOBJ1	747.5	Before	Right Exterior Girder	202.5	0.95	1	1	3.456399
Overweight Permit_str	BOBJ1	747.5	After	Left Exterior Girder	202.5	0.95	1	1	3.143166
Overweight Permit_str	BOBJ1	747.5	After	Interior Girder 1	202.5	0.95	1	1	3.845037
Overweight Permit_str	BOBJ1	747.5	After	Interior Girder 2	202.5	0.95	1	1	3.845037
Overweight Permit_str	BOBJ1	747.5	After	Right Exterior Girder	202.5	0.95	1	1	3.143165
Overweight Permit_str	BOBJ1	758.75	Before	Left Exterior Girder	213.75	0.95	1	1	7.398108
Overweight Permit_str	BOBJ1	758.75	Before	Interior Girder 1	213.75	0.95	1	1	8.134756
Overweight Permit_str	BOBJ1	758.75	Before	Interior Girder 2	213.75	0.95	1	1	8.134756
Overweight Permit_str	BOBJ1	758.75	Before	Right Exterior Girder	213.75	0.95	1	1	7.398105
Overweight Permit_str	BOBJ1	758.75	After	Left Exterior Girder	213.75	0.95	1	1	7.283045
Overweight Permit_str	BOBJ1	758.75	After	Interior Girder 1	213.75	0.95	1	1	8.042073
Overweight Permit_str	BOBJ1	758.75	After	Interior Girder 2	213.75	0.95	1	1	8.042073
Overweight Permit_str	BOBJ1	758.75	After	Right Exterior Girder	213.75	0.95	1	1	7.283042
Overweight Permit_str	BOBJ1	770	Before	Left Exterior Girder	225	0.95	1	1	106.752809
Overweight Permit_str	BOBJ1	770	Before	Interior Girder 1	225	0.95	1	1	141.023927
Overweight Permit_str	BOBJ1	770	Before	Interior Girder 2	225	0.95	1	1	141.023492
Overweight Permit_str	BOBJ1	770	Before	Right Exterior Girder	225	0.95	1	1	106.753317
Combined Trck+lane_str	BOBJ1	0	After	Left Exterior Girder	0	0.95	1	1	242.795757
Combined Trck+lane_str	BOBJ1	0	After	Interior Girder 1	0	0.95	1	1	206.110067
Combined Trck+lane_str	BOBJ1	0	After	Interior Girder 2	0	0.95	1	1	206.109856
Combined Trck+lane_str	BOBJ1	0	After	Right Exterior Girder	0	0.95	1	1	242.795743

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelINonCompStrgth-Flx - Main Span Girders									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Combined Trck+lane_str	BOBJ1	11.25	Before	Left Exterior Girder	11.25	0.95	1	1	12.86547
Combined Trck+lane_str	BOBJ1	11.25	Before	Interior Girder 1	11.25	0.95	1	1	9.790702
Combined Trck+lane_str	BOBJ1	11.25	Before	Interior Girder 2	11.25	0.95	1	1	9.790703
Combined Trck+lane_str	BOBJ1	11.25	Before	Right Exterior Girder	11.25	0.95	1	1	12.86547
Combined Trck+lane_str	BOBJ1	11.25	After	Left Exterior Girder	11.25	0.95	1	1	12.894393
Combined Trck+lane_str	BOBJ1	11.25	After	Interior Girder 1	11.25	0.95	1	1	9.9089
Combined Trck+lane_str	BOBJ1	11.25	After	Interior Girder 2	11.25	0.95	1	1	9.908902
Combined Trck+lane_str	BOBJ1	11.25	After	Right Exterior Girder	11.25	0.95	1	1	12.894392
Combined Trck+lane_str	BOBJ1	22.5	Before	Left Exterior Girder	22.5	0.95	1	1	5.392782
Combined Trck+lane_str	BOBJ1	22.5	Before	Interior Girder 1	22.5	0.95	1	1	4.660406
Combined Trck+lane_str	BOBJ1	22.5	Before	Interior Girder 2	22.5	0.95	1	1	4.660406
Combined Trck+lane_str	BOBJ1	22.5	Before	Right Exterior Girder	22.5	0.95	1	1	5.392781
Combined Trck+lane_str	BOBJ1	22.5	After	Left Exterior Girder	22.5	0.95	1	1	5.624791
Combined Trck+lane_str	BOBJ1	22.5	After	Interior Girder 1	22.5	0.95	1	1	4.688062
Combined Trck+lane_str	BOBJ1	22.5	After	Interior Girder 2	22.5	0.95	1	1	4.688063
Combined Trck+lane_str	BOBJ1	22.5	After	Right Exterior Girder	22.5	0.95	1	1	5.624791
Combined Trck+lane_str	BOBJ1	33.75	Before	Left Exterior Girder	33.75	0.95	1	1	3.202728
Combined Trck+lane_str	BOBJ1	33.75	Before	Interior Girder 1	33.75	0.95	1	1	2.83851
Combined Trck+lane_str	BOBJ1	33.75	Before	Interior Girder 2	33.75	0.95	1	1	2.83851
Combined Trck+lane_str	BOBJ1	33.75	Before	Right Exterior Girder	33.75	0.95	1	1	3.202728
Combined Trck+lane_str	BOBJ1	33.75	After	Left Exterior Girder	33.75	0.95	1	1	3.212779
Combined Trck+lane_str	BOBJ1	33.75	After	Interior Girder 1	33.75	0.95	1	1	2.837408
Combined Trck+lane_str	BOBJ1	33.75	After	Interior Girder 2	33.75	0.95	1	1	2.837408
Combined Trck+lane_str	BOBJ1	33.75	After	Right Exterior Girder	33.75	0.95	1	1	3.212779
Combined Trck+lane_str	BOBJ1	38.8274	Before	Left Exterior Girder	38.8274	0.95	1	1	2.606529
Combined Trck+lane_str	BOBJ1	38.8274	Before	Interior Girder 1	38.8274	0.95	1	1	2.382268
Combined Trck+lane_str	BOBJ1	38.8274	Before	Interior Girder 2	38.8274	0.95	1	1	2.382268
Combined Trck+lane_str	BOBJ1	38.8274	Before	Right Exterior Girder	38.8274	0.95	1	1	2.606529
Combined Trck+lane_str	BOBJ1	38.8274	After	Left Exterior Girder	38.8274	0.95	1	1	6.073223
Combined Trck+lane_str	BOBJ1	38.8274	After	Interior Girder 1	38.8274	0.95	1	1	5.546644
Combined Trck+lane_str	BOBJ1	38.8274	After	Interior Girder 2	38.8274	0.95	1	1	5.546645
Combined Trck+lane_str	BOBJ1	38.8274	After	Right Exterior Girder	38.8274	0.95	1	1	6.073223
Combined Trck+lane_str	BOBJ1	45	Before	Left Exterior Girder	45	0.95	1	1	5.196496
Combined Trck+lane_str	BOBJ1	45	Before	Interior Girder 1	45	0.95	1	1	4.858733
Combined Trck+lane_str	BOBJ1	45	Before	Interior Girder 2	45	0.95	1	1	4.858734
Combined Trck+lane_str	BOBJ1	45	Before	Right Exterior Girder	45	0.95	1	1	5.196496
Combined Trck+lane_str	BOBJ1	45	After	Left Exterior Girder	45	0.95	1	1	5.283179
Combined Trck+lane_str	BOBJ1	45	After	Interior Girder 1	45	0.95	1	1	4.888967
Combined Trck+lane_str	BOBJ1	45	After	Interior Girder 2	45	0.95	1	1	4.888967
Combined Trck+lane_str	BOBJ1	45	After	Right Exterior Girder	45	0.95	1	1	5.283179
Combined Trck+lane_str	BOBJ1	56.25	Before	Left Exterior Girder	56.25	0.95	1	1	4.327284
Combined Trck+lane_str	BOBJ1	56.25	Before	Interior Girder 1	56.25	0.95	1	1	4.039389
Combined Trck+lane_str	BOBJ1	56.25	Before	Interior Girder 2	56.25	0.95	1	1	4.039389
Combined Trck+lane_str	BOBJ1	56.25	Before	Right Exterior Girder	56.25	0.95	1	1	4.327284
Combined Trck+lane_str	BOBJ1	56.25	After	Left Exterior Girder	56.25	0.95	1	1	4.329445
Combined Trck+lane_str	BOBJ1	56.25	After	Interior Girder 1	56.25	0.95	1	1	4.036672
Combined Trck+lane_str	BOBJ1	56.25	After	Interior Girder 2	56.25	0.95	1	1	4.036672
Combined Trck+lane_str	BOBJ1	56.25	After	Right Exterior Girder	56.25	0.95	1	1	4.329445
Combined Trck+lane_str	BOBJ1	67.5	Before	Left Exterior Girder	67.5	0.95	1	1	3.80785
Combined Trck+lane_str	BOBJ1	67.5	Before	Interior Girder 1	67.5	0.95	1	1	3.624048
Combined Trck+lane_str	BOBJ1	67.5	Before	Interior Girder 2	67.5	0.95	1	1	3.624048
Combined Trck+lane_str	BOBJ1	67.5	Before	Right Exterior Girder	67.5	0.95	1	1	3.80785
Combined Trck+lane_str	BOBJ1	67.5	After	Left Exterior Girder	67.5	0.95	1	1	3.850613
Combined Trck+lane_str	BOBJ1	67.5	After	Interior Girder 1	67.5	0.95	1	1	3.636943
Combined Trck+lane_str	BOBJ1	67.5	After	Interior Girder 2	67.5	0.95	1	1	3.636942
Combined Trck+lane_str	BOBJ1	67.5	After	Right Exterior Girder	67.5	0.95	1	1	3.850613
Combined Trck+lane_str	BOBJ1	78.75	Before	Left Exterior Girder	78.75	0.95	1	1	3.670398
Combined Trck+lane_str	BOBJ1	78.75	Before	Interior Girder 1	78.75	0.95	1	1	3.457385
Combined Trck+lane_str	BOBJ1	78.75	Before	Interior Girder 2	78.75	0.95	1	1	3.457385
Combined Trck+lane_str	BOBJ1	78.75	Before	Right Exterior Girder	78.75	0.95	1	1	3.670398
Combined Trck+lane_str	BOBJ1	78.75	After	Left Exterior Girder	78.75	0.95	1	1	3.670451
Combined Trck+lane_str	BOBJ1	78.75	After	Interior Girder 1	78.75	0.95	1	1	3.455089
Combined Trck+lane_str	BOBJ1	78.75	After	Interior Girder 2	78.75	0.95	1	1	3.455089
Combined Trck+lane_str	BOBJ1	78.75	After	Right Exterior Girder	78.75	0.95	1	1	3.670451
Combined Trck+lane_str	BOBJ1	90	Before	Left Exterior Girder	90	0.95	1	1	3.710538
Combined Trck+lane_str	BOBJ1	90	Before	Interior Girder 1	90	0.95	1	1	3.527753
Combined Trck+lane_str	BOBJ1	90	Before	Interior Girder 2	90	0.95	1	1	3.527752
Combined Trck+lane_str	BOBJ1	90	Before	Right Exterior Girder	90	0.95	1	1	3.710538

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelINonCompStrgth-Flx - Main Span Girders									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Combined Trck+lane_str	BOBJ1	90	After	Left Exterior Girder	90	0.95	1	1	3.71466
Combined Trck+lane_str	BOBJ1	90	After	Interior Girder 1	90	0.95	1	1	3.527698
Combined Trck+lane_str	BOBJ1	90	After	Interior Girder 2	90	0.95	1	1	3.527698
Combined Trck+lane_str	BOBJ1	90	After	Right Exterior Girder	90	0.95	1	1	3.71466
Combined Trck+lane_str	BOBJ1	101.25	Before	Left Exterior Girder	101.25	0.95	1	1	4.028233
Combined Trck+lane_str	BOBJ1	101.25	Before	Interior Girder 1	101.25	0.95	1	1	3.775292
Combined Trck+lane_str	BOBJ1	101.25	Before	Interior Girder 2	101.25	0.95	1	1	3.775292
Combined Trck+lane_str	BOBJ1	101.25	Before	Right Exterior Girder	101.25	0.95	1	1	4.028233
Combined Trck+lane_str	BOBJ1	101.25	After	Left Exterior Girder	101.25	0.95	1	1	4.02468
Combined Trck+lane_str	BOBJ1	101.25	After	Interior Girder 1	101.25	0.95	1	1	3.775589
Combined Trck+lane_str	BOBJ1	101.25	After	Interior Girder 2	101.25	0.95	1	1	3.775589
Combined Trck+lane_str	BOBJ1	101.25	After	Right Exterior Girder	101.25	0.95	1	1	4.02468
Combined Trck+lane_str	BOBJ1	112.5	Before	Left Exterior Girder	112.5	0.95	1	1	4.568454
Combined Trck+lane_str	BOBJ1	112.5	Before	Interior Girder 1	112.5	0.95	1	1	4.27894
Combined Trck+lane_str	BOBJ1	112.5	Before	Interior Girder 2	112.5	0.95	1	1	4.27894
Combined Trck+lane_str	BOBJ1	112.5	Before	Right Exterior Girder	112.5	0.95	1	1	4.568454
Combined Trck+lane_str	BOBJ1	112.5	After	Left Exterior Girder	112.5	0.95	1	1	4.543599
Combined Trck+lane_str	BOBJ1	112.5	After	Interior Girder 1	112.5	0.95	1	1	4.278239
Combined Trck+lane_str	BOBJ1	112.5	After	Interior Girder 2	112.5	0.95	1	1	4.278239
Combined Trck+lane_str	BOBJ1	112.5	After	Right Exterior Girder	112.5	0.95	1	1	4.543599
Combined Trck+lane_str	BOBJ1	123.75	Before	Left Exterior Girder	123.75	0.95	1	1	5.478913
Combined Trck+lane_str	BOBJ1	123.75	Before	Interior Girder 1	123.75	0.95	1	1	5.025481
Combined Trck+lane_str	BOBJ1	123.75	Before	Interior Girder 2	123.75	0.95	1	1	5.025481
Combined Trck+lane_str	BOBJ1	123.75	Before	Right Exterior Girder	123.75	0.95	1	1	5.478913
Combined Trck+lane_str	BOBJ1	123.75	After	Left Exterior Girder	123.75	0.95	1	1	5.478719
Combined Trck+lane_str	BOBJ1	123.75	After	Interior Girder 1	123.75	0.95	1	1	5.024339
Combined Trck+lane_str	BOBJ1	123.75	After	Interior Girder 2	123.75	0.95	1	1	5.024339
Combined Trck+lane_str	BOBJ1	123.75	After	Right Exterior Girder	123.75	0.95	1	1	5.478719
Combined Trck+lane_str	BOBJ1	126.4381	Before	Left Exterior Girder	126.4381	0.95	1	1	5.767326
Combined Trck+lane_str	BOBJ1	126.4381	Before	Interior Girder 1	126.4381	0.95	1	1	5.260238
Combined Trck+lane_str	BOBJ1	126.4381	Before	Interior Girder 2	126.4381	0.95	1	1	5.260238
Combined Trck+lane_str	BOBJ1	126.4381	Before	Right Exterior Girder	126.4381	0.95	1	1	5.767325
Combined Trck+lane_str	BOBJ1	126.4381	After	Left Exterior Girder	126.4381	0.95	1	1	3.046211
Combined Trck+lane_str	BOBJ1	126.4381	After	Interior Girder 1	126.4381	0.95	1	1	2.785649
Combined Trck+lane_str	BOBJ1	126.4381	After	Interior Girder 2	126.4381	0.95	1	1	2.785649
Combined Trck+lane_str	BOBJ1	126.4381	After	Right Exterior Girder	126.4381	0.95	1	1	3.046211
Combined Trck+lane_str	BOBJ1	135	Before	Left Exterior Girder	135	0.95	1	1	3.914352
Combined Trck+lane_str	BOBJ1	135	Before	Interior Girder 1	135	0.95	1	1	3.534602
Combined Trck+lane_str	BOBJ1	135	Before	Interior Girder 2	135	0.95	1	1	3.534602
Combined Trck+lane_str	BOBJ1	135	Before	Right Exterior Girder	135	0.95	1	1	3.914352
Combined Trck+lane_str	BOBJ1	135	After	Left Exterior Girder	135	0.95	1	1	3.843225
Combined Trck+lane_str	BOBJ1	135	After	Interior Girder 1	135	0.95	1	1	3.518532
Combined Trck+lane_str	BOBJ1	135	After	Interior Girder 2	135	0.95	1	1	3.518532
Combined Trck+lane_str	BOBJ1	135	After	Right Exterior Girder	135	0.95	1	1	3.843225
Combined Trck+lane_str	BOBJ1	146.25	Before	Left Exterior Girder	146.25	0.95	1	1	5.564861
Combined Trck+lane_str	BOBJ1	146.25	Before	Interior Girder 1	146.25	0.95	1	1	4.858591
Combined Trck+lane_str	BOBJ1	146.25	Before	Interior Girder 2	146.25	0.95	1	1	4.85859
Combined Trck+lane_str	BOBJ1	146.25	Before	Right Exterior Girder	146.25	0.95	1	1	5.564862
Combined Trck+lane_str	BOBJ1	146.25	After	Left Exterior Girder	146.25	0.95	1	1	5.55867
Combined Trck+lane_str	BOBJ1	146.25	After	Interior Girder 1	146.25	0.95	1	1	4.863148
Combined Trck+lane_str	BOBJ1	146.25	After	Interior Girder 2	146.25	0.95	1	1	4.863148
Combined Trck+lane_str	BOBJ1	146.25	After	Right Exterior Girder	146.25	0.95	1	1	5.55867
Combined Trck+lane_str	BOBJ1	157.5	Before	Left Exterior Girder	157.5	0.95	1	1	4.828769
Combined Trck+lane_str	BOBJ1	157.5	Before	Interior Girder 1	157.5	0.95	1	1	4.780037
Combined Trck+lane_str	BOBJ1	157.5	Before	Interior Girder 2	157.5	0.95	1	1	4.780037
Combined Trck+lane_str	BOBJ1	157.5	Before	Right Exterior Girder	157.5	0.95	1	1	4.82877
Combined Trck+lane_str	BOBJ1	157.5	After	Left Exterior Girder	157.5	0.95	1	1	3.43355
Combined Trck+lane_str	BOBJ1	157.5	After	Interior Girder 1	157.5	0.95	1	1	3.376157
Combined Trck+lane_str	BOBJ1	157.5	After	Interior Girder 2	157.5	0.95	1	1	3.376157
Combined Trck+lane_str	BOBJ1	157.5	After	Right Exterior Girder	157.5	0.95	1	1	3.43355
Combined Trck+lane_str	BOBJ1	168.2522	Before	Left Exterior Girder	168.2522	0.95	1	1	1.672226
Combined Trck+lane_str	BOBJ1	168.2522	Before	Interior Girder 1	168.2522	0.95	1	1	1.63136
Combined Trck+lane_str	BOBJ1	168.2522	Before	Interior Girder 2	168.2522	0.95	1	1	1.63136
Combined Trck+lane_str	BOBJ1	168.2522	Before	Right Exterior Girder	168.2522	0.95	1	1	1.672226
Combined Trck+lane_str	BOBJ1	168.2522	After	Left Exterior Girder	168.2522	0.95	1	1	5.258953
Combined Trck+lane_str	BOBJ1	168.2522	After	Interior Girder 1	168.2522	0.95	1	1	5.080778
Combined Trck+lane_str	BOBJ1	168.2522	After	Interior Girder 2	168.2522	0.95	1	1	5.080778
Combined Trck+lane_str	BOBJ1	168.2522	After	Right Exterior Girder	168.2522	0.95	1	1	5.258953

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelINonCompStrgth-Flx - Main Span Girders									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Combined Trck+lane_str	BOBJ1	168.75	Before	Left Exterior Girder	168.75	0.95	1	1	5.162283
Combined Trck+lane_str	BOBJ1	168.75	Before	Interior Girder 1	168.75	0.95	1	1	4.994056
Combined Trck+lane_str	BOBJ1	168.75	Before	Interior Girder 2	168.75	0.95	1	1	4.994056
Combined Trck+lane_str	BOBJ1	168.75	Before	Right Exterior Girder	168.75	0.95	1	1	5.162284
Combined Trck+lane_str	BOBJ1	168.75	After	Left Exterior Girder	168.75	0.95	1	1	5.174222
Combined Trck+lane_str	BOBJ1	168.75	After	Interior Girder 1	168.75	0.95	1	1	4.983224
Combined Trck+lane_str	BOBJ1	168.75	After	Interior Girder 2	168.75	0.95	1	1	4.983224
Combined Trck+lane_str	BOBJ1	168.75	After	Right Exterior Girder	168.75	0.95	1	1	5.174222
Combined Trck+lane_str	BOBJ1	180	Before	Left Exterior Girder	180	0.95	1	1	3.113259
Combined Trck+lane_str	BOBJ1	180	Before	Interior Girder 1	180	0.95	1	1	2.957942
Combined Trck+lane_str	BOBJ1	180	Before	Interior Girder 2	180	0.95	1	1	2.957942
Combined Trck+lane_str	BOBJ1	180	Before	Right Exterior Girder	180	0.95	1	1	3.113259
Combined Trck+lane_str	BOBJ1	180	After	Left Exterior Girder	180	0.95	1	1	4.320415
Combined Trck+lane_str	BOBJ1	180	After	Interior Girder 1	180	0.95	1	1	4.082491
Combined Trck+lane_str	BOBJ1	180	After	Interior Girder 2	180	0.95	1	1	4.082491
Combined Trck+lane_str	BOBJ1	180	After	Right Exterior Girder	180	0.95	1	1	4.320415
Combined Trck+lane_str	BOBJ1	183.1858	Before	Left Exterior Girder	183.1858	0.95	1	1	3.718104
Combined Trck+lane_str	BOBJ1	183.1858	Before	Interior Girder 1	183.1858	0.95	1	1	3.496441
Combined Trck+lane_str	BOBJ1	183.1858	Before	Interior Girder 2	183.1858	0.95	1	1	3.496441
Combined Trck+lane_str	BOBJ1	183.1858	Before	Right Exterior Girder	183.1858	0.95	1	1	3.718104
Combined Trck+lane_str	BOBJ1	183.1858	After	Left Exterior Girder	183.1858	0.95	1	1	8.319688
Combined Trck+lane_str	BOBJ1	183.1858	After	Interior Girder 1	183.1858	0.95	1	1	7.801656
Combined Trck+lane_str	BOBJ1	183.1858	After	Interior Girder 2	183.1858	0.95	1	1	7.801656
Combined Trck+lane_str	BOBJ1	183.1858	After	Right Exterior Girder	183.1858	0.95	1	1	8.319688
Combined Trck+lane_str	BOBJ1	191.25	Before	Left Exterior Girder	191.25	0.95	1	1	6.556204
Combined Trck+lane_str	BOBJ1	191.25	Before	Interior Girder 1	191.25	0.95	1	1	6.043125
Combined Trck+lane_str	BOBJ1	191.25	Before	Interior Girder 2	191.25	0.95	1	1	6.043125
Combined Trck+lane_str	BOBJ1	191.25	Before	Right Exterior Girder	191.25	0.95	1	1	6.556204
Combined Trck+lane_str	BOBJ1	191.25	After	Left Exterior Girder	191.25	0.95	1	1	6.578727
Combined Trck+lane_str	BOBJ1	191.25	After	Interior Girder 1	191.25	0.95	1	1	6.029724
Combined Trck+lane_str	BOBJ1	191.25	After	Interior Girder 2	191.25	0.95	1	1	6.029724
Combined Trck+lane_str	BOBJ1	191.25	After	Right Exterior Girder	191.25	0.95	1	1	6.578727
Combined Trck+lane_str	BOBJ1	199.9414	Before	Left Exterior Girder	199.9414	0.95	1	1	4.741833
Combined Trck+lane_str	BOBJ1	199.9414	Before	Interior Girder 1	199.9414	0.95	1	1	4.25788
Combined Trck+lane_str	BOBJ1	199.9414	Before	Interior Girder 2	199.9414	0.95	1	1	4.25788
Combined Trck+lane_str	BOBJ1	199.9414	Before	Right Exterior Girder	199.9414	0.95	1	1	4.741833
Combined Trck+lane_str	BOBJ1	199.9414	After	Left Exterior Girder	199.9414	0.95	1	1	8.171693
Combined Trck+lane_str	BOBJ1	199.9414	After	Interior Girder 1	199.9414	0.95	1	1	7.345728
Combined Trck+lane_str	BOBJ1	199.9414	After	Interior Girder 2	199.9414	0.95	1	1	7.345728
Combined Trck+lane_str	BOBJ1	199.9414	After	Right Exterior Girder	199.9414	0.95	1	1	8.171694
Combined Trck+lane_str	BOBJ1	202.5	Before	Left Exterior Girder	202.5	0.95	1	1	7.457401
Combined Trck+lane_str	BOBJ1	202.5	Before	Interior Girder 1	202.5	0.95	1	1	6.764852
Combined Trck+lane_str	BOBJ1	202.5	Before	Interior Girder 2	202.5	0.95	1	1	6.764852
Combined Trck+lane_str	BOBJ1	202.5	Before	Right Exterior Girder	202.5	0.95	1	1	7.457401
Combined Trck+lane_str	BOBJ1	202.5	After	Left Exterior Girder	202.5	0.95	1	1	7.684883
Combined Trck+lane_str	BOBJ1	202.5	After	Interior Girder 1	202.5	0.95	1	1	6.830556
Combined Trck+lane_str	BOBJ1	202.5	After	Interior Girder 2	202.5	0.95	1	1	6.830557
Combined Trck+lane_str	BOBJ1	202.5	After	Right Exterior Girder	202.5	0.95	1	1	7.684883
Combined Trck+lane_str	BOBJ1	210.5642	Before	Left Exterior Girder	210.5642	0.95	1	1	5.486014
Combined Trck+lane_str	BOBJ1	210.5642	Before	Interior Girder 1	210.5642	0.95	1	1	5.028999
Combined Trck+lane_str	BOBJ1	210.5642	Before	Interior Girder 2	210.5642	0.95	1	1	5.028999
Combined Trck+lane_str	BOBJ1	210.5642	Before	Right Exterior Girder	210.5642	0.95	1	1	5.486014
Combined Trck+lane_str	BOBJ1	210.5642	After	Left Exterior Girder	210.5642	0.95	1	1	8.418893
Combined Trck+lane_str	BOBJ1	210.5642	After	Interior Girder 1	210.5642	0.95	1	1	7.751463
Combined Trck+lane_str	BOBJ1	210.5642	After	Interior Girder 2	210.5642	0.95	1	1	7.751463
Combined Trck+lane_str	BOBJ1	210.5642	After	Right Exterior Girder	210.5642	0.95	1	1	8.418893
Combined Trck+lane_str	BOBJ1	213.75	Before	Left Exterior Girder	213.75	0.95	1	1	7.49423
Combined Trck+lane_str	BOBJ1	213.75	Before	Interior Girder 1	213.75	0.95	1	1	6.868485
Combined Trck+lane_str	BOBJ1	213.75	Before	Interior Girder 2	213.75	0.95	1	1	6.868485
Combined Trck+lane_str	BOBJ1	213.75	Before	Right Exterior Girder	213.75	0.95	1	1	7.49423
Combined Trck+lane_str	BOBJ1	213.75	After	Left Exterior Girder	213.75	0.95	1	1	7.491407
Combined Trck+lane_str	BOBJ1	213.75	After	Interior Girder 1	213.75	0.95	1	1	6.863141
Combined Trck+lane_str	BOBJ1	213.75	After	Interior Girder 2	213.75	0.95	1	1	6.863141
Combined Trck+lane_str	BOBJ1	213.75	After	Right Exterior Girder	213.75	0.95	1	1	7.491407
Combined Trck+lane_str	BOBJ1	225	Before	Left Exterior Girder	225	0.95	1	1	4.611474
Combined Trck+lane_str	BOBJ1	225	Before	Interior Girder 1	225	0.95	1	1	4.054714
Combined Trck+lane_str	BOBJ1	225	Before	Interior Girder 2	225	0.95	1	1	4.054714
Combined Trck+lane_str	BOBJ1	225	Before	Right Exterior Girder	225	0.95	1	1	4.611474

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelINonCompStrgth-Flx - Main Span Girders									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Combined Trck+lane_str	BOBJ1	225	After	Left Exterior Girder	0	0.95	1	1	4.282245
Combined Trck+lane_str	BOBJ1	225	After	Interior Girder 1	0	0.95	1	1	3.937007
Combined Trck+lane_str	BOBJ1	225	After	Interior Girder 2	0	0.95	1	1	3.937007
Combined Trck+lane_str	BOBJ1	225	After	Right Exterior Girder	0	0.95	1	1	4.282245
Combined Trck+lane_str	BOBJ1	236.45	Before	Left Exterior Girder	11.45	0.95	1	1	7.471684
Combined Trck+lane_str	BOBJ1	236.45	Before	Interior Girder 1	11.45	0.95	1	1	7.303432
Combined Trck+lane_str	BOBJ1	236.45	Before	Interior Girder 2	11.45	0.95	1	1	7.303432
Combined Trck+lane_str	BOBJ1	236.45	Before	Right Exterior Girder	11.45	0.95	1	1	7.471684
Combined Trck+lane_str	BOBJ1	236.45	After	Left Exterior Girder	11.45	0.95	1	1	7.486498
Combined Trck+lane_str	BOBJ1	236.45	After	Interior Girder 1	11.45	0.95	1	1	7.303407
Combined Trck+lane_str	BOBJ1	236.45	After	Interior Girder 2	11.45	0.95	1	1	7.303407
Combined Trck+lane_str	BOBJ1	236.45	After	Right Exterior Girder	11.45	0.95	1	1	7.486498
Combined Trck+lane_str	BOBJ1	239.5082	Before	Left Exterior Girder	14.5082	0.95	1	1	8.562752
Combined Trck+lane_str	BOBJ1	239.5082	Before	Interior Girder 1	14.5082	0.95	1	1	8.401881
Combined Trck+lane_str	BOBJ1	239.5082	Before	Interior Girder 2	14.5082	0.95	1	1	8.401881
Combined Trck+lane_str	BOBJ1	239.5082	Before	Right Exterior Girder	14.5082	0.95	1	1	8.562752
Combined Trck+lane_str	BOBJ1	239.5082	After	Left Exterior Girder	14.5082	0.95	1	1	5.649158
Combined Trck+lane_str	BOBJ1	239.5082	After	Interior Girder 1	14.5082	0.95	1	1	5.542459
Combined Trck+lane_str	BOBJ1	239.5082	After	Interior Girder 2	14.5082	0.95	1	1	5.542459
Combined Trck+lane_str	BOBJ1	239.5082	After	Right Exterior Girder	14.5082	0.95	1	1	5.649157
Combined Trck+lane_str	BOBJ1	247.9	Before	Left Exterior Girder	22.9	0.95	1	1	8.578656
Combined Trck+lane_str	BOBJ1	247.9	Before	Interior Girder 1	22.9	0.95	1	1	8.406997
Combined Trck+lane_str	BOBJ1	247.9	Before	Interior Girder 2	22.9	0.95	1	1	8.406997
Combined Trck+lane_str	BOBJ1	247.9	Before	Right Exterior Girder	22.9	0.95	1	1	8.578656
Combined Trck+lane_str	BOBJ1	247.9	After	Left Exterior Girder	22.9	0.95	1	1	8.370993
Combined Trck+lane_str	BOBJ1	247.9	After	Interior Girder 1	22.9	0.95	1	1	8.392976
Combined Trck+lane_str	BOBJ1	247.9	After	Interior Girder 2	22.9	0.95	1	1	8.392976
Combined Trck+lane_str	BOBJ1	247.9	After	Right Exterior Girder	22.9	0.95	1	1	8.370993
Combined Trck+lane_str	BOBJ1	258.5189	Before	Left Exterior Girder	33.5189	0.95	1	1	12.518297
Combined Trck+lane_str	BOBJ1	258.5189	Before	Interior Girder 1	33.5189	0.95	1	1	11.922455
Combined Trck+lane_str	BOBJ1	258.5189	Before	Interior Girder 2	33.5189	0.95	1	1	11.922455
Combined Trck+lane_str	BOBJ1	258.5189	Before	Right Exterior Girder	33.5189	0.95	1	1	12.518297
Combined Trck+lane_str	BOBJ1	258.5189	After	Left Exterior Girder	33.5189	0.95	1	1	8.48965
Combined Trck+lane_str	BOBJ1	258.5189	After	Interior Girder 1	33.5189	0.95	1	1	8.018042
Combined Trck+lane_str	BOBJ1	258.5189	After	Interior Girder 2	33.5189	0.95	1	1	8.018042
Combined Trck+lane_str	BOBJ1	258.5189	After	Right Exterior Girder	33.5189	0.95	1	1	8.48965
Combined Trck+lane_str	BOBJ1	259.3	Before	Left Exterior Girder	34.3	0.95	1	1	8.758274
Combined Trck+lane_str	BOBJ1	259.3	Before	Interior Girder 1	34.3	0.95	1	1	8.256453
Combined Trck+lane_str	BOBJ1	259.3	Before	Interior Girder 2	34.3	0.95	1	1	8.256453
Combined Trck+lane_str	BOBJ1	259.3	Before	Right Exterior Girder	34.3	0.95	1	1	8.758274
Combined Trck+lane_str	BOBJ1	259.3	After	Left Exterior Girder	34.3	0.95	1	1	8.753542
Combined Trck+lane_str	BOBJ1	259.3	After	Interior Girder 1	34.3	0.95	1	1	8.262405
Combined Trck+lane_str	BOBJ1	259.3	After	Interior Girder 2	34.3	0.95	1	1	8.262405
Combined Trck+lane_str	BOBJ1	259.3	After	Right Exterior Girder	34.3	0.95	1	1	8.753542
Combined Trck+lane_str	BOBJ1	266.1031	Before	Left Exterior Girder	41.1031	0.95	1	1	11.043463
Combined Trck+lane_str	BOBJ1	266.1031	Before	Interior Girder 1	41.1031	0.95	1	1	10.459246
Combined Trck+lane_str	BOBJ1	266.1031	Before	Interior Girder 2	41.1031	0.95	1	1	10.459246
Combined Trck+lane_str	BOBJ1	266.1031	Before	Right Exterior Girder	41.1031	0.95	1	1	11.043463
Combined Trck+lane_str	BOBJ1	266.1031	After	Left Exterior Girder	41.1031	0.95	1	1	5.771233
Combined Trck+lane_str	BOBJ1	266.1031	After	Interior Girder 1	41.1031	0.95	1	1	5.415292
Combined Trck+lane_str	BOBJ1	266.1031	After	Interior Girder 2	41.1031	0.95	1	1	5.415292
Combined Trck+lane_str	BOBJ1	266.1031	After	Right Exterior Girder	41.1031	0.95	1	1	5.771233
Combined Trck+lane_str	BOBJ1	270.7	Before	Left Exterior Girder	45.7	0.95	1	1	7.100728
Combined Trck+lane_str	BOBJ1	270.7	Before	Interior Girder 1	45.7	0.95	1	1	6.712445
Combined Trck+lane_str	BOBJ1	270.7	Before	Interior Girder 2	45.7	0.95	1	1	6.712445
Combined Trck+lane_str	BOBJ1	270.7	Before	Right Exterior Girder	45.7	0.95	1	1	7.100728
Combined Trck+lane_str	BOBJ1	270.7	After	Left Exterior Girder	45.7	0.95	1	1	8.249085
Combined Trck+lane_str	BOBJ1	270.7	After	Interior Girder 1	45.7	0.95	1	1	7.880604
Combined Trck+lane_str	BOBJ1	270.7	After	Interior Girder 2	45.7	0.95	1	1	7.880604
Combined Trck+lane_str	BOBJ1	270.7	After	Right Exterior Girder	45.7	0.95	1	1	8.249084
Combined Trck+lane_str	BOBJ1	273.6874	Before	Left Exterior Girder	48.6874	0.95	1	1	9.17173
Combined Trck+lane_str	BOBJ1	273.6874	Before	Interior Girder 1	48.6874	0.95	1	1	8.79049
Combined Trck+lane_str	BOBJ1	273.6874	Before	Interior Girder 2	48.6874	0.95	1	1	8.79049
Combined Trck+lane_str	BOBJ1	273.6874	Before	Right Exterior Girder	48.6874	0.95	1	1	9.17173
Combined Trck+lane_str	BOBJ1	273.6874	After	Left Exterior Girder	48.6874	0.95	1	1	3.928779
Combined Trck+lane_str	BOBJ1	273.6874	After	Interior Girder 1	48.6874	0.95	1	1	3.809172
Combined Trck+lane_str	BOBJ1	273.6874	After	Interior Girder 2	48.6874	0.95	1	1	3.809172
Combined Trck+lane_str	BOBJ1	273.6874	After	Right Exterior Girder	48.6874	0.95	1	1	3.928779

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelNonCompStrgth-Flx - Main Span Girders									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Combined Trck+lane_str	BOBJ1	282.15	Before	Left Exterior Girder	57.15	0.95	1	1	6.213441
Combined Trck+lane_str	BOBJ1	282.15	Before	Interior Girder 1	57.15	0.95	1	1	6.062943
Combined Trck+lane_str	BOBJ1	282.15	Before	Interior Girder 2	57.15	0.95	1	1	6.062943
Combined Trck+lane_str	BOBJ1	282.15	Before	Right Exterior Girder	57.15	0.95	1	1	6.213441
Combined Trck+lane_str	BOBJ1	282.15	After	Left Exterior Girder	57.15	0.95	1	1	6.203036
Combined Trck+lane_str	BOBJ1	282.15	After	Interior Girder 1	57.15	0.95	1	1	6.0742
Combined Trck+lane_str	BOBJ1	282.15	After	Interior Girder 2	57.15	0.95	1	1	6.0742
Combined Trck+lane_str	BOBJ1	282.15	After	Right Exterior Girder	57.15	0.95	1	1	6.203036
Combined Trck+lane_str	BOBJ1	293.6	Before	Left Exterior Girder	68.6	0.95	1	1	5.738268
Combined Trck+lane_str	BOBJ1	293.6	Before	Interior Girder 1	68.6	0.95	1	1	4.784651
Combined Trck+lane_str	BOBJ1	293.6	Before	Interior Girder 2	68.6	0.95	1	1	4.784651
Combined Trck+lane_str	BOBJ1	293.6	Before	Right Exterior Girder	68.6	0.95	1	1	5.738268
Combined Trck+lane_str	BOBJ1	293.6	After	Left Exterior Girder	68.6	0.95	1	1	5.783628
Combined Trck+lane_str	BOBJ1	293.6	After	Interior Girder 1	68.6	0.95	1	1	4.898461
Combined Trck+lane_str	BOBJ1	293.6	After	Interior Girder 2	68.6	0.95	1	1	4.898461
Combined Trck+lane_str	BOBJ1	293.6	After	Right Exterior Girder	68.6	0.95	1	1	5.783628
Combined Trck+lane_str	BOBJ1	305	Before	Left Exterior Girder	80	0.95	1	1	3.092914
Combined Trck+lane_str	BOBJ1	305	Before	Interior Girder 1	80	0.95	1	1	2.616721
Combined Trck+lane_str	BOBJ1	305	Before	Interior Girder 2	80	0.95	1	1	2.616721
Combined Trck+lane_str	BOBJ1	305	Before	Right Exterior Girder	80	0.95	1	1	3.092914
Combined Trck+lane_str	BOBJ1	305	After	Left Exterior Girder	80	0.95	1	1	3.094025
Combined Trck+lane_str	BOBJ1	305	After	Interior Girder 1	80	0.95	1	1	2.616284
Combined Trck+lane_str	BOBJ1	305	After	Interior Girder 2	80	0.95	1	1	2.616284
Combined Trck+lane_str	BOBJ1	305	After	Right Exterior Girder	80	0.95	1	1	3.094025
Combined Trck+lane_str	BOBJ1	306.9561	Before	Left Exterior Girder	81.9561	0.95	1	1	2.725879
Combined Trck+lane_str	BOBJ1	306.9561	Before	Interior Girder 1	81.9561	0.95	1	1	2.332326
Combined Trck+lane_str	BOBJ1	306.9561	Before	Interior Girder 2	81.9561	0.95	1	1	2.332326
Combined Trck+lane_str	BOBJ1	306.9561	Before	Right Exterior Girder	81.9561	0.95	1	1	2.725879
Combined Trck+lane_str	BOBJ1	306.9561	After	Left Exterior Girder	81.9561	0.95	1	1	7.134219
Combined Trck+lane_str	BOBJ1	306.9561	After	Interior Girder 1	81.9561	0.95	1	1	6.171549
Combined Trck+lane_str	BOBJ1	306.9561	After	Interior Girder 2	81.9561	0.95	1	1	6.171549
Combined Trck+lane_str	BOBJ1	306.9561	After	Right Exterior Girder	81.9561	0.95	1	1	7.134219
Combined Trck+lane_str	BOBJ1	316.4	Before	Left Exterior Girder	91.4	0.95	1	1	5.11113
Combined Trck+lane_str	BOBJ1	316.4	Before	Interior Girder 1	91.4	0.95	1	1	4.599893
Combined Trck+lane_str	BOBJ1	316.4	Before	Interior Girder 2	91.4	0.95	1	1	4.599893
Combined Trck+lane_str	BOBJ1	316.4	Before	Right Exterior Girder	91.4	0.95	1	1	5.111131
Combined Trck+lane_str	BOBJ1	316.4	After	Left Exterior Girder	91.4	0.95	1	1	5.1996
Combined Trck+lane_str	BOBJ1	316.4	After	Interior Girder 1	91.4	0.95	1	1	4.606089
Combined Trck+lane_str	BOBJ1	316.4	After	Interior Girder 2	91.4	0.95	1	1	4.606089
Combined Trck+lane_str	BOBJ1	316.4	After	Right Exterior Girder	91.4	0.95	1	1	5.1996
Combined Trck+lane_str	BOBJ1	327.85	Before	Left Exterior Girder	102.9679	0.95	1	1	3.645806
Combined Trck+lane_str	BOBJ1	327.85	Before	Interior Girder 1	102.9679	0.95	1	1	3.272569
Combined Trck+lane_str	BOBJ1	327.85	Before	Interior Girder 2	102.9679	0.95	1	1	3.272569
Combined Trck+lane_str	BOBJ1	327.85	Before	Right Exterior Girder	102.9679	0.95	1	1	3.645806
Combined Trck+lane_str	BOBJ1	327.85	After	Left Exterior Girder	102.9679	0.95	1	1	7.030813
Combined Trck+lane_str	BOBJ1	327.85	After	Interior Girder 1	102.9679	0.95	1	1	6.418849
Combined Trck+lane_str	BOBJ1	327.85	After	Interior Girder 2	102.9679	0.95	1	1	6.418849
Combined Trck+lane_str	BOBJ1	327.85	After	Right Exterior Girder	102.9679	0.95	1	1	7.030813
Combined Trck+lane_str	BOBJ1	339.3	Before	Left Exterior Girder	114.3	0.95	1	1	5.653902
Combined Trck+lane_str	BOBJ1	339.3	Before	Interior Girder 1	114.3	0.95	1	1	5.287467
Combined Trck+lane_str	BOBJ1	339.3	Before	Interior Girder 2	114.3	0.95	1	1	5.287468
Combined Trck+lane_str	BOBJ1	339.3	Before	Right Exterior Girder	114.3	0.95	1	1	5.653902
Combined Trck+lane_str	BOBJ1	339.3	After	Left Exterior Girder	114.3	0.95	1	1	5.701831
Combined Trck+lane_str	BOBJ1	339.3	After	Interior Girder 1	114.3	0.95	1	1	5.295688
Combined Trck+lane_str	BOBJ1	339.3	After	Interior Girder 2	114.3	0.95	1	1	5.295688
Combined Trck+lane_str	BOBJ1	339.3	After	Right Exterior Girder	114.3	0.95	1	1	5.701831
Combined Trck+lane_str	BOBJ1	350.7	Before	Left Exterior Girder	125.7	0.95	1	1	4.842686
Combined Trck+lane_str	BOBJ1	350.7	Before	Interior Girder 1	125.7	0.95	1	1	4.501539
Combined Trck+lane_str	BOBJ1	350.7	Before	Interior Girder 2	125.7	0.95	1	1	4.501539
Combined Trck+lane_str	BOBJ1	350.7	Before	Right Exterior Girder	125.7	0.95	1	1	4.842686
Combined Trck+lane_str	BOBJ1	350.7	After	Left Exterior Girder	125.7	0.95	1	1	4.842443
Combined Trck+lane_str	BOBJ1	350.7	After	Interior Girder 1	125.7	0.95	1	1	4.501968
Combined Trck+lane_str	BOBJ1	350.7	After	Interior Girder 2	125.7	0.95	1	1	4.501968
Combined Trck+lane_str	BOBJ1	350.7	After	Right Exterior Girder	125.7	0.95	1	1	4.842443
Combined Trck+lane_str	BOBJ1	362.1	Before	Left Exterior Girder	137.1	0.95	1	1	4.265574
Combined Trck+lane_str	BOBJ1	362.1	Before	Interior Girder 1	137.1	0.95	1	1	4.022058
Combined Trck+lane_str	BOBJ1	362.1	Before	Interior Girder 2	137.1	0.95	1	1	4.022058
Combined Trck+lane_str	BOBJ1	362.1	Before	Right Exterior Girder	137.1	0.95	1	1	4.265574

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelNonCompStrgth-Flx - Main Span Girders									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Combined Trck+lane_str	BOBJ1	362.1	After	Left Exterior Girder	137.1	0.95	1	1	4.288466
Combined Trck+lane_str	BOBJ1	362.1	After	Interior Girder 1	137.1	0.95	1	1	4.029115
Combined Trck+lane_str	BOBJ1	362.1	After	Interior Girder 2	137.1	0.95	1	1	4.029115
Combined Trck+lane_str	BOBJ1	362.1	After	Right Exterior Girder	137.1	0.95	1	1	4.288466
Combined Trck+lane_str	BOBJ1	373.55	Before	Left Exterior Girder	148.55	0.95	1	1	3.99497
Combined Trck+lane_str	BOBJ1	373.55	Before	Interior Girder 1	148.55	0.95	1	1	3.738167
Combined Trck+lane_str	BOBJ1	373.55	Before	Interior Girder 2	148.55	0.95	1	1	3.738167
Combined Trck+lane_str	BOBJ1	373.55	Before	Right Exterior Girder	148.55	0.95	1	1	3.99497
Combined Trck+lane_str	BOBJ1	373.55	After	Left Exterior Girder	148.55	0.95	1	1	3.994702
Combined Trck+lane_str	BOBJ1	373.55	After	Interior Girder 1	148.55	0.95	1	1	3.738451
Combined Trck+lane_str	BOBJ1	373.55	After	Interior Girder 2	148.55	0.95	1	1	3.738451
Combined Trck+lane_str	BOBJ1	373.55	After	Right Exterior Girder	148.55	0.95	1	1	3.994702
Combined Trck+lane_str	BOBJ1	385	Before	Left Exterior Girder	160	0.95	1	1	3.881583
Combined Trck+lane_str	BOBJ1	385	Before	Interior Girder 1	160	0.95	1	1	3.665188
Combined Trck+lane_str	BOBJ1	385	Before	Interior Girder 2	160	0.95	1	1	3.665188
Combined Trck+lane_str	BOBJ1	385	Before	Right Exterior Girder	160	0.95	1	1	3.881583
Combined Trck+lane_str	BOBJ1	385	After	Left Exterior Girder	160	0.95	1	1	3.881583
Combined Trck+lane_str	BOBJ1	385	After	Interior Girder 1	160	0.95	1	1	3.665188
Combined Trck+lane_str	BOBJ1	385	After	Interior Girder 2	160	0.95	1	1	3.665187
Combined Trck+lane_str	BOBJ1	385	After	Right Exterior Girder	160	0.95	1	1	3.881583
Combined Trck+lane_str	BOBJ1	396.45	Before	Left Exterior Girder	171.45	0.95	1	1	3.994703
Combined Trck+lane_str	BOBJ1	396.45	Before	Interior Girder 1	171.45	0.95	1	1	3.738449
Combined Trck+lane_str	BOBJ1	396.45	Before	Interior Girder 2	171.45	0.95	1	1	3.738449
Combined Trck+lane_str	BOBJ1	396.45	Before	Right Exterior Girder	171.45	0.95	1	1	3.994703
Combined Trck+lane_str	BOBJ1	396.45	After	Left Exterior Girder	171.45	0.95	1	1	3.99497
Combined Trck+lane_str	BOBJ1	396.45	After	Interior Girder 1	171.45	0.95	1	1	3.738165
Combined Trck+lane_str	BOBJ1	396.45	After	Interior Girder 2	171.45	0.95	1	1	3.738165
Combined Trck+lane_str	BOBJ1	396.45	After	Right Exterior Girder	171.45	0.95	1	1	3.99497
Combined Trck+lane_str	BOBJ1	407.9	Before	Left Exterior Girder	182.9	0.95	1	1	4.28847
Combined Trck+lane_str	BOBJ1	407.9	Before	Interior Girder 1	182.9	0.95	1	1	4.029114
Combined Trck+lane_str	BOBJ1	407.9	Before	Interior Girder 2	182.9	0.95	1	1	4.029114
Combined Trck+lane_str	BOBJ1	407.9	Before	Right Exterior Girder	182.9	0.95	1	1	4.28847
Combined Trck+lane_str	BOBJ1	407.9	After	Left Exterior Girder	182.9	0.95	1	1	4.265577
Combined Trck+lane_str	BOBJ1	407.9	After	Interior Girder 1	182.9	0.95	1	1	4.022056
Combined Trck+lane_str	BOBJ1	407.9	After	Interior Girder 2	182.9	0.95	1	1	4.022056
Combined Trck+lane_str	BOBJ1	407.9	After	Right Exterior Girder	182.9	0.95	1	1	4.265577
Combined Trck+lane_str	BOBJ1	419.3	Before	Left Exterior Girder	194.3	0.95	1	1	4.842447
Combined Trck+lane_str	BOBJ1	419.3	Before	Interior Girder 1	194.3	0.95	1	1	4.501967
Combined Trck+lane_str	BOBJ1	419.3	Before	Interior Girder 2	194.3	0.95	1	1	4.501966
Combined Trck+lane_str	BOBJ1	419.3	Before	Right Exterior Girder	194.3	0.95	1	1	4.842447
Combined Trck+lane_str	BOBJ1	419.3	After	Left Exterior Girder	194.3	0.95	1	1	4.842691
Combined Trck+lane_str	BOBJ1	419.3	After	Interior Girder 1	194.3	0.95	1	1	4.501531
Combined Trck+lane_str	BOBJ1	419.3	After	Interior Girder 2	194.3	0.95	1	1	4.50153
Combined Trck+lane_str	BOBJ1	419.3	After	Right Exterior Girder	194.3	0.95	1	1	4.84269
Combined Trck+lane_str	BOBJ1	430.7	Before	Left Exterior Girder	205.7	0.95	1	1	5.701837
Combined Trck+lane_str	BOBJ1	430.7	Before	Interior Girder 1	205.7	0.95	1	1	5.295683
Combined Trck+lane_str	BOBJ1	430.7	Before	Interior Girder 2	205.7	0.95	1	1	5.295683
Combined Trck+lane_str	BOBJ1	430.7	Before	Right Exterior Girder	205.7	0.95	1	1	5.701837
Combined Trck+lane_str	BOBJ1	430.7	After	Left Exterior Girder	205.7	0.95	1	1	5.653909
Combined Trck+lane_str	BOBJ1	430.7	After	Interior Girder 1	205.7	0.95	1	1	5.287463
Combined Trck+lane_str	BOBJ1	430.7	After	Interior Girder 2	205.7	0.95	1	1	5.287463
Combined Trck+lane_str	BOBJ1	430.7	After	Right Exterior Girder	205.7	0.95	1	1	5.653909
Combined Trck+lane_str	BOBJ1	442.15	Before	Left Exterior Girder	217.0321	0.95	1	1	7.017371
Combined Trck+lane_str	BOBJ1	442.15	Before	Interior Girder 1	217.0321	0.95	1	1	6.417231
Combined Trck+lane_str	BOBJ1	442.15	Before	Interior Girder 2	217.0321	0.95	1	1	6.417231
Combined Trck+lane_str	BOBJ1	442.15	Before	Right Exterior Girder	217.0321	0.95	1	1	7.017371
Combined Trck+lane_str	BOBJ1	442.15	After	Left Exterior Girder	217.0321	0.95	1	1	3.639811
Combined Trck+lane_str	BOBJ1	442.15	After	Interior Girder 1	217.0321	0.95	1	1	3.270639
Combined Trck+lane_str	BOBJ1	442.15	After	Interior Girder 2	217.0321	0.95	1	1	3.270639
Combined Trck+lane_str	BOBJ1	442.15	After	Right Exterior Girder	217.0321	0.95	1	1	3.639811
Combined Trck+lane_str	BOBJ1	453.6	Before	Left Exterior Girder	228.6	0.95	1	1	5.199603
Combined Trck+lane_str	BOBJ1	453.6	Before	Interior Girder 1	228.6	0.95	1	1	4.606107
Combined Trck+lane_str	BOBJ1	453.6	Before	Interior Girder 2	228.6	0.95	1	1	4.606107
Combined Trck+lane_str	BOBJ1	453.6	Before	Right Exterior Girder	228.6	0.95	1	1	5.199603
Combined Trck+lane_str	BOBJ1	453.6	After	Left Exterior Girder	228.6	0.95	1	1	5.111137
Combined Trck+lane_str	BOBJ1	453.6	After	Interior Girder 1	228.6	0.95	1	1	4.599885
Combined Trck+lane_str	BOBJ1	453.6	After	Interior Girder 2	228.6	0.95	1	1	4.599885
Combined Trck+lane_str	BOBJ1	453.6	After	Right Exterior Girder	228.6	0.95	1	1	5.111137

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelINonCompStrgth-Flx - Main Span Girders									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Combined Trck+lane_str	BOBJ1	463.0439	Before	Left Exterior Girder	238.0439	0.95	1	1	7.111711
Combined Trck+lane_str	BOBJ1	463.0439	Before	Interior Girder 1	238.0439	0.95	1	1	6.169959
Combined Trck+lane_str	BOBJ1	463.0439	Before	Interior Girder 2	238.0439	0.95	1	1	6.169959
Combined Trck+lane_str	BOBJ1	463.0439	Before	Right Exterior Girder	238.0439	0.95	1	1	7.111711
Combined Trck+lane_str	BOBJ1	463.0439	After	Left Exterior Girder	238.0439	0.95	1	1	2.717956
Combined Trck+lane_str	BOBJ1	463.0439	After	Interior Girder 1	238.0439	0.95	1	1	2.330653
Combined Trck+lane_str	BOBJ1	463.0439	After	Interior Girder 2	238.0439	0.95	1	1	2.330653
Combined Trck+lane_str	BOBJ1	463.0439	After	Right Exterior Girder	238.0439	0.95	1	1	2.717956
Combined Trck+lane_str	BOBJ1	465	Before	Left Exterior Girder	240	0.95	1	1	3.094073
Combined Trck+lane_str	BOBJ1	465	Before	Interior Girder 1	240	0.95	1	1	2.61628
Combined Trck+lane_str	BOBJ1	465	Before	Interior Girder 2	240	0.95	1	1	2.61628
Combined Trck+lane_str	BOBJ1	465	Before	Right Exterior Girder	240	0.95	1	1	3.094073
Combined Trck+lane_str	BOBJ1	465	After	Left Exterior Girder	240	0.95	1	1	3.092964
Combined Trck+lane_str	BOBJ1	465	After	Interior Girder 1	240	0.95	1	1	2.616722
Combined Trck+lane_str	BOBJ1	465	After	Interior Girder 2	240	0.95	1	1	2.616722
Combined Trck+lane_str	BOBJ1	465	After	Right Exterior Girder	240	0.95	1	1	3.092963
Combined Trck+lane_str	BOBJ1	476.4	Before	Left Exterior Girder	251.4	0.95	1	1	5.78363
Combined Trck+lane_str	BOBJ1	476.4	Before	Interior Girder 1	251.4	0.95	1	1	4.898451
Combined Trck+lane_str	BOBJ1	476.4	Before	Interior Girder 2	251.4	0.95	1	1	4.898451
Combined Trck+lane_str	BOBJ1	476.4	Before	Right Exterior Girder	251.4	0.95	1	1	5.783629
Combined Trck+lane_str	BOBJ1	476.4	After	Left Exterior Girder	251.4	0.95	1	1	5.738292
Combined Trck+lane_str	BOBJ1	476.4	After	Interior Girder 1	251.4	0.95	1	1	4.784665
Combined Trck+lane_str	BOBJ1	476.4	After	Interior Girder 2	251.4	0.95	1	1	4.784665
Combined Trck+lane_str	BOBJ1	476.4	After	Right Exterior Girder	251.4	0.95	1	1	5.738292
Combined Trck+lane_str	BOBJ1	487.85	Before	Left Exterior Girder	262.85	0.95	1	1	5.809322
Combined Trck+lane_str	BOBJ1	487.85	Before	Interior Girder 1	262.85	0.95	1	1	5.760702
Combined Trck+lane_str	BOBJ1	487.85	Before	Interior Girder 2	262.85	0.95	1	1	5.760702
Combined Trck+lane_str	BOBJ1	487.85	Before	Right Exterior Girder	262.85	0.95	1	1	5.809322
Combined Trck+lane_str	BOBJ1	487.85	After	Left Exterior Girder	262.85	0.95	1	1	5.819913
Combined Trck+lane_str	BOBJ1	487.85	After	Interior Girder 1	262.85	0.95	1	1	5.749359
Combined Trck+lane_str	BOBJ1	487.85	After	Interior Girder 2	262.85	0.95	1	1	5.749359
Combined Trck+lane_str	BOBJ1	487.85	After	Right Exterior Girder	262.85	0.95	1	1	5.819913
Combined Trck+lane_str	BOBJ1	496.3126	Before	Left Exterior Girder	271.3126	0.95	1	1	3.558779
Combined Trck+lane_str	BOBJ1	496.3126	Before	Interior Girder 1	271.3126	0.95	1	1	3.522834
Combined Trck+lane_str	BOBJ1	496.3126	Before	Interior Girder 2	271.3126	0.95	1	1	3.522834
Combined Trck+lane_str	BOBJ1	496.3126	Before	Right Exterior Girder	271.3126	0.95	1	1	3.558779
Combined Trck+lane_str	BOBJ1	496.3126	After	Left Exterior Girder	271.3126	0.95	1	1	9.164332
Combined Trck+lane_str	BOBJ1	496.3126	After	Interior Girder 1	271.3126	0.95	1	1	8.795395
Combined Trck+lane_str	BOBJ1	496.3126	After	Interior Girder 2	271.3126	0.95	1	1	8.795395
Combined Trck+lane_str	BOBJ1	496.3126	After	Right Exterior Girder	271.3126	0.95	1	1	9.164332
Combined Trck+lane_str	BOBJ1	499.3	Before	Left Exterior Girder	274.3	0.95	1	1	8.249076
Combined Trck+lane_str	BOBJ1	499.3	Before	Interior Girder 1	274.3	0.95	1	1	7.88061
Combined Trck+lane_str	BOBJ1	499.3	Before	Interior Girder 2	274.3	0.95	1	1	7.88061
Combined Trck+lane_str	BOBJ1	499.3	Before	Right Exterior Girder	274.3	0.95	1	1	8.249076
Combined Trck+lane_str	BOBJ1	499.3	After	Left Exterior Girder	274.3	0.95	1	1	7.100719
Combined Trck+lane_str	BOBJ1	499.3	After	Interior Girder 1	274.3	0.95	1	1	6.712451
Combined Trck+lane_str	BOBJ1	499.3	After	Interior Girder 2	274.3	0.95	1	1	6.712451
Combined Trck+lane_str	BOBJ1	499.3	After	Right Exterior Girder	274.3	0.95	1	1	7.100719
Combined Trck+lane_str	BOBJ1	503.8969	Before	Left Exterior Girder	278.8969	0.95	1	1	5.771232
Combined Trck+lane_str	BOBJ1	503.8969	Before	Interior Girder 1	278.8969	0.95	1	1	5.415295
Combined Trck+lane_str	BOBJ1	503.8969	Before	Interior Girder 2	278.8969	0.95	1	1	5.415295
Combined Trck+lane_str	BOBJ1	503.8969	Before	Right Exterior Girder	278.8969	0.95	1	1	5.771232
Combined Trck+lane_str	BOBJ1	503.8969	After	Left Exterior Girder	278.8969	0.95	1	1	11.043461
Combined Trck+lane_str	BOBJ1	503.8969	After	Interior Girder 1	278.8969	0.95	1	1	10.459254
Combined Trck+lane_str	BOBJ1	503.8969	After	Interior Girder 2	278.8969	0.95	1	1	10.459254
Combined Trck+lane_str	BOBJ1	503.8969	After	Right Exterior Girder	278.8969	0.95	1	1	11.043462
Combined Trck+lane_str	BOBJ1	510.7	Before	Left Exterior Girder	285.7	0.95	1	1	8.75354
Combined Trck+lane_str	BOBJ1	510.7	Before	Interior Girder 1	285.7	0.95	1	1	8.26241
Combined Trck+lane_str	BOBJ1	510.7	Before	Interior Girder 2	285.7	0.95	1	1	8.26241
Combined Trck+lane_str	BOBJ1	510.7	Before	Right Exterior Girder	285.7	0.95	1	1	8.753541
Combined Trck+lane_str	BOBJ1	510.7	After	Left Exterior Girder	285.7	0.95	1	1	8.758268
Combined Trck+lane_str	BOBJ1	510.7	After	Interior Girder 1	285.7	0.95	1	1	8.256458
Combined Trck+lane_str	BOBJ1	510.7	After	Interior Girder 2	285.7	0.95	1	1	8.256458
Combined Trck+lane_str	BOBJ1	510.7	After	Right Exterior Girder	285.7	0.95	1	1	8.758268
Combined Trck+lane_str	BOBJ1	511.4811	Before	Left Exterior Girder	286.4811	0.95	1	1	8.500862
Combined Trck+lane_str	BOBJ1	511.4811	Before	Interior Girder 1	286.4811	0.95	1	1	8.020728
Combined Trck+lane_str	BOBJ1	511.4811	Before	Interior Girder 2	286.4811	0.95	1	1	8.020728
Combined Trck+lane_str	BOBJ1	511.4811	Before	Right Exterior Girder	286.4811	0.95	1	1	8.500862

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelNonCompStrgth-Flx - Main Span Girders									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Combined Trck+lane_str	BOBJ1	511.4811	After	Left Exterior Girder	286.4811	0.95	1	1	12.535954
Combined Trck+lane_str	BOBJ1	511.4811	After	Interior Girder 1	286.4811	0.95	1	1	11.925795
Combined Trck+lane_str	BOBJ1	511.4811	After	Interior Girder 2	286.4811	0.95	1	1	11.925795
Combined Trck+lane_str	BOBJ1	511.4811	After	Right Exterior Girder	286.4811	0.95	1	1	12.535954
Combined Trck+lane_str	BOBJ1	522.1	Before	Left Exterior Girder	297.1	0.95	1	1	8.371254
Combined Trck+lane_str	BOBJ1	522.1	Before	Interior Girder 1	297.1	0.95	1	1	8.393345
Combined Trck+lane_str	BOBJ1	522.1	Before	Interior Girder 2	297.1	0.95	1	1	8.393345
Combined Trck+lane_str	BOBJ1	522.1	Before	Right Exterior Girder	297.1	0.95	1	1	8.371254
Combined Trck+lane_str	BOBJ1	522.1	After	Left Exterior Girder	297.1	0.95	1	1	8.578861
Combined Trck+lane_str	BOBJ1	522.1	After	Interior Girder 1	297.1	0.95	1	1	8.407227
Combined Trck+lane_str	BOBJ1	522.1	After	Interior Girder 2	297.1	0.95	1	1	8.407227
Combined Trck+lane_str	BOBJ1	522.1	After	Right Exterior Girder	297.1	0.95	1	1	8.578861
Combined Trck+lane_str	BOBJ1	530.4918	Before	Left Exterior Girder	305.4918	0.95	1	1	5.649151
Combined Trck+lane_str	BOBJ1	530.4918	Before	Interior Girder 1	305.4918	0.95	1	1	5.542404
Combined Trck+lane_str	BOBJ1	530.4918	Before	Interior Girder 2	305.4918	0.95	1	1	5.542404
Combined Trck+lane_str	BOBJ1	530.4918	Before	Right Exterior Girder	305.4918	0.95	1	1	5.649151
Combined Trck+lane_str	BOBJ1	530.4918	After	Left Exterior Girder	305.4918	0.95	1	1	8.562719
Combined Trck+lane_str	BOBJ1	530.4918	After	Interior Girder 1	305.4918	0.95	1	1	8.40175
Combined Trck+lane_str	BOBJ1	530.4918	After	Interior Girder 2	305.4918	0.95	1	1	8.401751
Combined Trck+lane_str	BOBJ1	530.4918	After	Right Exterior Girder	305.4918	0.95	1	1	8.562719
Combined Trck+lane_str	BOBJ1	533.55	Before	Left Exterior Girder	308.55	0.95	1	1	7.4865
Combined Trck+lane_str	BOBJ1	533.55	Before	Interior Girder 1	308.55	0.95	1	1	7.303407
Combined Trck+lane_str	BOBJ1	533.55	Before	Interior Girder 2	308.55	0.95	1	1	7.303408
Combined Trck+lane_str	BOBJ1	533.55	Before	Right Exterior Girder	308.55	0.95	1	1	7.4865
Combined Trck+lane_str	BOBJ1	533.55	After	Left Exterior Girder	308.55	0.95	1	1	7.471691
Combined Trck+lane_str	BOBJ1	533.55	After	Interior Girder 1	308.55	0.95	1	1	7.303428
Combined Trck+lane_str	BOBJ1	533.55	After	Interior Girder 2	308.55	0.95	1	1	7.303428
Combined Trck+lane_str	BOBJ1	533.55	After	Right Exterior Girder	308.55	0.95	1	1	7.47169
Combined Trck+lane_str	BOBJ1	545	Before	Left Exterior Girder	320	0.95	1	1	4.282256
Combined Trck+lane_str	BOBJ1	545	Before	Interior Girder 1	320	0.95	1	1	3.936987
Combined Trck+lane_str	BOBJ1	545	Before	Interior Girder 2	320	0.95	1	1	3.936987
Combined Trck+lane_str	BOBJ1	545	Before	Right Exterior Girder	320	0.95	1	1	4.282256
Combined Trck+lane_str	BOBJ1	545	After	Left Exterior Girder	0	0.95	1	1	4.611469
Combined Trck+lane_str	BOBJ1	545	After	Interior Girder 1	0	0.95	1	1	4.054682
Combined Trck+lane_str	BOBJ1	545	After	Interior Girder 2	0	0.95	1	1	4.054682
Combined Trck+lane_str	BOBJ1	545	After	Right Exterior Girder	0	0.95	1	1	4.611468
Combined Trck+lane_str	BOBJ1	556.25	Before	Left Exterior Girder	11.25	0.95	1	1	7.491401
Combined Trck+lane_str	BOBJ1	556.25	Before	Interior Girder 1	11.25	0.95	1	1	6.863884
Combined Trck+lane_str	BOBJ1	556.25	Before	Interior Girder 2	11.25	0.95	1	1	6.863883
Combined Trck+lane_str	BOBJ1	556.25	Before	Right Exterior Girder	11.25	0.95	1	1	7.4914
Combined Trck+lane_str	BOBJ1	556.25	After	Left Exterior Girder	11.25	0.95	1	1	7.494232
Combined Trck+lane_str	BOBJ1	556.25	After	Interior Girder 1	11.25	0.95	1	1	6.869318
Combined Trck+lane_str	BOBJ1	556.25	After	Interior Girder 2	11.25	0.95	1	1	6.869318
Combined Trck+lane_str	BOBJ1	556.25	After	Right Exterior Girder	11.25	0.95	1	1	7.494232
Combined Trck+lane_str	BOBJ1	559.4358	Before	Left Exterior Girder	14.4358	0.95	1	1	8.418898
Combined Trck+lane_str	BOBJ1	559.4358	Before	Interior Girder 1	14.4358	0.95	1	1	7.751474
Combined Trck+lane_str	BOBJ1	559.4358	Before	Interior Girder 2	14.4358	0.95	1	1	7.751474
Combined Trck+lane_str	BOBJ1	559.4358	Before	Right Exterior Girder	14.4358	0.95	1	1	8.418898
Combined Trck+lane_str	BOBJ1	559.4358	After	Left Exterior Girder	14.4358	0.95	1	1	5.486018
Combined Trck+lane_str	BOBJ1	559.4358	After	Interior Girder 1	14.4358	0.95	1	1	5.029004
Combined Trck+lane_str	BOBJ1	559.4358	After	Interior Girder 2	14.4358	0.95	1	1	5.029004
Combined Trck+lane_str	BOBJ1	559.4358	After	Right Exterior Girder	14.4358	0.95	1	1	5.486018
Combined Trck+lane_str	BOBJ1	567.5	Before	Left Exterior Girder	22.5	0.95	1	1	7.684885
Combined Trck+lane_str	BOBJ1	567.5	Before	Interior Girder 1	22.5	0.95	1	1	6.830574
Combined Trck+lane_str	BOBJ1	567.5	Before	Interior Girder 2	22.5	0.95	1	1	6.830574
Combined Trck+lane_str	BOBJ1	567.5	Before	Right Exterior Girder	22.5	0.95	1	1	7.684885
Combined Trck+lane_str	BOBJ1	567.5	After	Left Exterior Girder	22.5	0.95	1	1	8.306891
Combined Trck+lane_str	BOBJ1	567.5	After	Interior Girder 1	22.5	0.95	1	1	7.464389
Combined Trck+lane_str	BOBJ1	567.5	After	Interior Girder 2	22.5	0.95	1	1	7.464389
Combined Trck+lane_str	BOBJ1	567.5	After	Right Exterior Girder	22.5	0.95	1	1	8.306891
Combined Trck+lane_str	BOBJ1	570.0586	Before	Left Exterior Girder	25.0586	0.95	1	1	9.060272
Combined Trck+lane_str	BOBJ1	570.0586	Before	Interior Girder 1	25.0586	0.95	1	1	8.061491
Combined Trck+lane_str	BOBJ1	570.0586	Before	Interior Girder 2	25.0586	0.95	1	1	8.061491
Combined Trck+lane_str	BOBJ1	570.0586	Before	Right Exterior Girder	25.0586	0.95	1	1	9.060271
Combined Trck+lane_str	BOBJ1	570.0586	After	Left Exterior Girder	25.0586	0.95	1	1	5.427889
Combined Trck+lane_str	BOBJ1	570.0586	After	Interior Girder 1	25.0586	0.95	1	1	4.811365
Combined Trck+lane_str	BOBJ1	570.0586	After	Interior Girder 2	25.0586	0.95	1	1	4.811365
Combined Trck+lane_str	BOBJ1	570.0586	After	Right Exterior Girder	25.0586	0.95	1	1	5.427889

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelNonCompStrgth-Flx - Main Span Girders									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Combined Trck+lane_str	BOBJ1	578.75	Before	Left Exterior Girder	33.75	0.95	1	1	7.31397
Combined Trck+lane_str	BOBJ1	578.75	Before	Interior Girder 1	33.75	0.95	1	1	6.639054
Combined Trck+lane_str	BOBJ1	578.75	Before	Interior Girder 2	33.75	0.95	1	1	6.639054
Combined Trck+lane_str	BOBJ1	578.75	Before	Right Exterior Girder	33.75	0.95	1	1	7.31397
Combined Trck+lane_str	BOBJ1	578.75	After	Left Exterior Girder	33.75	0.95	1	1	7.29147
Combined Trck+lane_str	BOBJ1	578.75	After	Interior Girder 1	33.75	0.95	1	1	6.651662
Combined Trck+lane_str	BOBJ1	578.75	After	Interior Girder 2	33.75	0.95	1	1	6.651661
Combined Trck+lane_str	BOBJ1	578.75	After	Right Exterior Girder	33.75	0.95	1	1	7.29147
Combined Trck+lane_str	BOBJ1	586.8142	Before	Left Exterior Girder	41.8142	0.95	1	1	9.108934
Combined Trck+lane_str	BOBJ1	586.8142	Before	Interior Girder 1	41.8142	0.95	1	1	8.45528
Combined Trck+lane_str	BOBJ1	586.8142	Before	Interior Girder 2	41.8142	0.95	1	1	8.45528
Combined Trck+lane_str	BOBJ1	586.8142	Before	Right Exterior Girder	41.8142	0.95	1	1	9.108934
Combined Trck+lane_str	BOBJ1	586.8142	After	Left Exterior Girder	41.8142	0.95	1	1	4.235923
Combined Trck+lane_str	BOBJ1	586.8142	After	Interior Girder 1	41.8142	0.95	1	1	3.925874
Combined Trck+lane_str	BOBJ1	586.8142	After	Interior Girder 2	41.8142	0.95	1	1	3.925874
Combined Trck+lane_str	BOBJ1	586.8142	After	Right Exterior Girder	41.8142	0.95	1	1	4.235923
Combined Trck+lane_str	BOBJ1	590	Before	Left Exterior Girder	45	0.95	1	1	4.846768
Combined Trck+lane_str	BOBJ1	590	Before	Interior Girder 1	45	0.95	1	1	4.528342
Combined Trck+lane_str	BOBJ1	590	Before	Interior Girder 2	45	0.95	1	1	4.528342
Combined Trck+lane_str	BOBJ1	590	Before	Right Exterior Girder	45	0.95	1	1	4.846768
Combined Trck+lane_str	BOBJ1	590	After	Left Exterior Girder	45	0.95	1	1	3.113261
Combined Trck+lane_str	BOBJ1	590	After	Interior Girder 1	45	0.95	1	1	2.95794
Combined Trck+lane_str	BOBJ1	590	After	Interior Girder 2	45	0.95	1	1	2.95794
Combined Trck+lane_str	BOBJ1	590	After	Right Exterior Girder	45	0.95	1	1	3.113261
Combined Trck+lane_str	BOBJ1	601.25	Before	Left Exterior Girder	56.25	0.95	1	1	5.174223
Combined Trck+lane_str	BOBJ1	601.25	Before	Interior Girder 1	56.25	0.95	1	1	4.98322
Combined Trck+lane_str	BOBJ1	601.25	Before	Interior Girder 2	56.25	0.95	1	1	4.98322
Combined Trck+lane_str	BOBJ1	601.25	Before	Right Exterior Girder	56.25	0.95	1	1	5.174222
Combined Trck+lane_str	BOBJ1	601.25	After	Left Exterior Girder	56.25	0.95	1	1	5.162284
Combined Trck+lane_str	BOBJ1	601.25	After	Interior Girder 1	56.25	0.95	1	1	4.994052
Combined Trck+lane_str	BOBJ1	601.25	After	Interior Girder 2	56.25	0.95	1	1	4.994052
Combined Trck+lane_str	BOBJ1	601.25	After	Right Exterior Girder	56.25	0.95	1	1	5.162283
Combined Trck+lane_str	BOBJ1	601.7478	Before	Left Exterior Girder	56.7478	0.95	1	1	5.255018
Combined Trck+lane_str	BOBJ1	601.7478	Before	Interior Girder 1	56.7478	0.95	1	1	5.085358
Combined Trck+lane_str	BOBJ1	601.7478	Before	Interior Girder 2	56.7478	0.95	1	1	5.085358
Combined Trck+lane_str	BOBJ1	601.7478	Before	Right Exterior Girder	56.7478	0.95	1	1	5.255018
Combined Trck+lane_str	BOBJ1	601.7478	After	Left Exterior Girder	56.7478	0.95	1	1	1.670236
Combined Trck+lane_str	BOBJ1	601.7478	After	Interior Girder 1	56.7478	0.95	1	1	1.633928
Combined Trck+lane_str	BOBJ1	601.7478	After	Interior Girder 2	56.7478	0.95	1	1	1.633928
Combined Trck+lane_str	BOBJ1	601.7478	After	Right Exterior Girder	56.7478	0.95	1	1	1.670236
Combined Trck+lane_str	BOBJ1	612.5	Before	Left Exterior Girder	67.5	0.95	1	1	3.43355
Combined Trck+lane_str	BOBJ1	612.5	Before	Interior Girder 1	67.5	0.95	1	1	3.376155
Combined Trck+lane_str	BOBJ1	612.5	Before	Interior Girder 2	67.5	0.95	1	1	3.376155
Combined Trck+lane_str	BOBJ1	612.5	Before	Right Exterior Girder	67.5	0.95	1	1	3.43355
Combined Trck+lane_str	BOBJ1	612.5	After	Left Exterior Girder	67.5	0.95	1	1	4.828768
Combined Trck+lane_str	BOBJ1	612.5	After	Interior Girder 1	67.5	0.95	1	1	4.780033
Combined Trck+lane_str	BOBJ1	612.5	After	Interior Girder 2	67.5	0.95	1	1	4.780033
Combined Trck+lane_str	BOBJ1	612.5	After	Right Exterior Girder	67.5	0.95	1	1	4.828768
Combined Trck+lane_str	BOBJ1	623.75	Before	Left Exterior Girder	78.75	0.95	1	1	5.55843
Combined Trck+lane_str	BOBJ1	623.75	Before	Interior Girder 1	78.75	0.95	1	1	4.862767
Combined Trck+lane_str	BOBJ1	623.75	Before	Interior Girder 2	78.75	0.95	1	1	4.862767
Combined Trck+lane_str	BOBJ1	623.75	Before	Right Exterior Girder	78.75	0.95	1	1	5.55843
Combined Trck+lane_str	BOBJ1	623.75	After	Left Exterior Girder	78.75	0.95	1	1	5.564648
Combined Trck+lane_str	BOBJ1	623.75	After	Interior Girder 1	78.75	0.95	1	1	4.858263
Combined Trck+lane_str	BOBJ1	623.75	After	Interior Girder 2	78.75	0.95	1	1	4.858263
Combined Trck+lane_str	BOBJ1	623.75	After	Right Exterior Girder	78.75	0.95	1	1	5.564648
Combined Trck+lane_str	BOBJ1	635	Before	Left Exterior Girder	90	0.95	1	1	3.843223
Combined Trck+lane_str	BOBJ1	635	Before	Interior Girder 1	90	0.95	1	1	3.518534
Combined Trck+lane_str	BOBJ1	635	Before	Interior Girder 2	90	0.95	1	1	3.518534
Combined Trck+lane_str	BOBJ1	635	Before	Right Exterior Girder	90	0.95	1	1	3.843223
Combined Trck+lane_str	BOBJ1	635	After	Left Exterior Girder	90	0.95	1	1	3.91436
Combined Trck+lane_str	BOBJ1	635	After	Interior Girder 1	90	0.95	1	1	3.5346
Combined Trck+lane_str	BOBJ1	635	After	Interior Girder 2	90	0.95	1	1	3.5346
Combined Trck+lane_str	BOBJ1	635	After	Right Exterior Girder	90	0.95	1	1	3.91436
Combined Trck+lane_str	BOBJ1	643.5619	Before	Left Exterior Girder	98.5619	0.95	1	1	3.046198
Combined Trck+lane_str	BOBJ1	643.5619	Before	Interior Girder 1	98.5619	0.95	1	1	2.785643
Combined Trck+lane_str	BOBJ1	643.5619	Before	Interior Girder 2	98.5619	0.95	1	1	2.785642
Combined Trck+lane_str	BOBJ1	643.5619	Before	Right Exterior Girder	98.5619	0.95	1	1	3.046198

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelNonCompStrgth-Flx - Main Span Girders									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Combined Trck+lane_str	BOBJ1	643.5619	After	Left Exterior Girder	98.5619	0.95	1	1	5.7673
Combined Trck+lane_str	BOBJ1	643.5619	After	Interior Girder 1	98.5619	0.95	1	1	5.260227
Combined Trck+lane_str	BOBJ1	643.5619	After	Interior Girder 2	98.5619	0.95	1	1	5.260227
Combined Trck+lane_str	BOBJ1	643.5619	After	Right Exterior Girder	98.5619	0.95	1	1	5.767301
Combined Trck+lane_str	BOBJ1	646.25	Before	Left Exterior Girder	101.25	0.95	1	1	5.478706
Combined Trck+lane_str	BOBJ1	646.25	Before	Interior Girder 1	101.25	0.95	1	1	5.024331
Combined Trck+lane_str	BOBJ1	646.25	Before	Interior Girder 2	101.25	0.95	1	1	5.02433
Combined Trck+lane_str	BOBJ1	646.25	Before	Right Exterior Girder	101.25	0.95	1	1	5.478706
Combined Trck+lane_str	BOBJ1	646.25	After	Left Exterior Girder	101.25	0.95	1	1	5.478896
Combined Trck+lane_str	BOBJ1	646.25	After	Interior Girder 1	101.25	0.95	1	1	5.025474
Combined Trck+lane_str	BOBJ1	646.25	After	Interior Girder 2	101.25	0.95	1	1	5.025473
Combined Trck+lane_str	BOBJ1	646.25	After	Right Exterior Girder	101.25	0.95	1	1	5.478896
Combined Trck+lane_str	BOBJ1	657.5	Before	Left Exterior Girder	112.5	0.95	1	1	4.543604
Combined Trck+lane_str	BOBJ1	657.5	Before	Interior Girder 1	112.5	0.95	1	1	4.278241
Combined Trck+lane_str	BOBJ1	657.5	Before	Interior Girder 2	112.5	0.95	1	1	4.27824
Combined Trck+lane_str	BOBJ1	657.5	Before	Right Exterior Girder	112.5	0.95	1	1	4.543604
Combined Trck+lane_str	BOBJ1	657.5	After	Left Exterior Girder	112.5	0.95	1	1	4.568451
Combined Trck+lane_str	BOBJ1	657.5	After	Interior Girder 1	112.5	0.95	1	1	4.278942
Combined Trck+lane_str	BOBJ1	657.5	After	Interior Girder 2	112.5	0.95	1	1	4.278942
Combined Trck+lane_str	BOBJ1	657.5	After	Right Exterior Girder	112.5	0.95	1	1	4.568451
Combined Trck+lane_str	BOBJ1	668.75	Before	Left Exterior Girder	123.75	0.95	1	1	4.024673
Combined Trck+lane_str	BOBJ1	668.75	Before	Interior Girder 1	123.75	0.95	1	1	3.775592
Combined Trck+lane_str	BOBJ1	668.75	Before	Interior Girder 2	123.75	0.95	1	1	3.775592
Combined Trck+lane_str	BOBJ1	668.75	Before	Right Exterior Girder	123.75	0.95	1	1	4.024673
Combined Trck+lane_str	BOBJ1	668.75	After	Left Exterior Girder	123.75	0.95	1	1	4.028226
Combined Trck+lane_str	BOBJ1	668.75	After	Interior Girder 1	123.75	0.95	1	1	3.775296
Combined Trck+lane_str	BOBJ1	668.75	After	Interior Girder 2	123.75	0.95	1	1	3.775296
Combined Trck+lane_str	BOBJ1	668.75	After	Right Exterior Girder	123.75	0.95	1	1	4.028225
Combined Trck+lane_str	BOBJ1	680	Before	Left Exterior Girder	135	0.95	1	1	3.71465
Combined Trck+lane_str	BOBJ1	680	Before	Interior Girder 1	135	0.95	1	1	3.527701
Combined Trck+lane_str	BOBJ1	680	Before	Interior Girder 2	135	0.95	1	1	3.527701
Combined Trck+lane_str	BOBJ1	680	Before	Right Exterior Girder	135	0.95	1	1	3.714649
Combined Trck+lane_str	BOBJ1	680	After	Left Exterior Girder	135	0.95	1	1	3.710529
Combined Trck+lane_str	BOBJ1	680	After	Interior Girder 1	135	0.95	1	1	3.527755
Combined Trck+lane_str	BOBJ1	680	After	Interior Girder 2	135	0.95	1	1	3.527755
Combined Trck+lane_str	BOBJ1	680	After	Right Exterior Girder	135	0.95	1	1	3.710529
Combined Trck+lane_str	BOBJ1	691.25	Before	Left Exterior Girder	146.25	0.95	1	1	3.670445
Combined Trck+lane_str	BOBJ1	691.25	Before	Interior Girder 1	146.25	0.95	1	1	3.455107
Combined Trck+lane_str	BOBJ1	691.25	Before	Interior Girder 2	146.25	0.95	1	1	3.455107
Combined Trck+lane_str	BOBJ1	691.25	Before	Right Exterior Girder	146.25	0.95	1	1	3.670445
Combined Trck+lane_str	BOBJ1	691.25	After	Left Exterior Girder	146.25	0.95	1	1	3.670392
Combined Trck+lane_str	BOBJ1	691.25	After	Interior Girder 1	146.25	0.95	1	1	3.457403
Combined Trck+lane_str	BOBJ1	691.25	After	Interior Girder 2	146.25	0.95	1	1	3.457403
Combined Trck+lane_str	BOBJ1	691.25	After	Right Exterior Girder	146.25	0.95	1	1	3.670392
Combined Trck+lane_str	BOBJ1	702.5	Before	Left Exterior Girder	157.5	0.95	1	1	3.850591
Combined Trck+lane_str	BOBJ1	702.5	Before	Interior Girder 1	157.5	0.95	1	1	3.636943
Combined Trck+lane_str	BOBJ1	702.5	Before	Interior Girder 2	157.5	0.95	1	1	3.636943
Combined Trck+lane_str	BOBJ1	702.5	Before	Right Exterior Girder	157.5	0.95	1	1	3.850591
Combined Trck+lane_str	BOBJ1	702.5	After	Left Exterior Girder	157.5	0.95	1	1	3.807828
Combined Trck+lane_str	BOBJ1	702.5	After	Interior Girder 1	157.5	0.95	1	1	3.624048
Combined Trck+lane_str	BOBJ1	702.5	After	Interior Girder 2	157.5	0.95	1	1	3.624048
Combined Trck+lane_str	BOBJ1	702.5	After	Right Exterior Girder	157.5	0.95	1	1	3.807828
Combined Trck+lane_str	BOBJ1	713.75	Before	Left Exterior Girder	168.75	0.95	1	1	4.329458
Combined Trck+lane_str	BOBJ1	713.75	Before	Interior Girder 1	168.75	0.95	1	1	4.036678
Combined Trck+lane_str	BOBJ1	713.75	Before	Interior Girder 2	168.75	0.95	1	1	4.036678
Combined Trck+lane_str	BOBJ1	713.75	Before	Right Exterior Girder	168.75	0.95	1	1	4.329458
Combined Trck+lane_str	BOBJ1	713.75	After	Left Exterior Girder	168.75	0.95	1	1	4.327293
Combined Trck+lane_str	BOBJ1	713.75	After	Interior Girder 1	168.75	0.95	1	1	4.039395
Combined Trck+lane_str	BOBJ1	713.75	After	Interior Girder 2	168.75	0.95	1	1	4.039395
Combined Trck+lane_str	BOBJ1	713.75	After	Right Exterior Girder	168.75	0.95	1	1	4.327292
Combined Trck+lane_str	BOBJ1	725	Before	Left Exterior Girder	180	0.95	1	1	5.283209
Combined Trck+lane_str	BOBJ1	725	Before	Interior Girder 1	180	0.95	1	1	4.888981
Combined Trck+lane_str	BOBJ1	725	Before	Interior Girder 2	180	0.95	1	1	4.888981
Combined Trck+lane_str	BOBJ1	725	Before	Right Exterior Girder	180	0.95	1	1	5.283208
Combined Trck+lane_str	BOBJ1	725	After	Left Exterior Girder	180	0.95	1	1	5.196513
Combined Trck+lane_str	BOBJ1	725	After	Interior Girder 1	180	0.95	1	1	4.858744
Combined Trck+lane_str	BOBJ1	725	After	Interior Girder 2	180	0.95	1	1	4.858744
Combined Trck+lane_str	BOBJ1	725	After	Right Exterior Girder	180	0.95	1	1	5.196513

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelINonCompStrgth-Flx - Main Span Girders									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Combined Trck+lane_str	BOBJ1	731.1726	Before	Left Exterior Girder	186.1726	0.95	1	1	6.073228
Combined Trck+lane_str	BOBJ1	731.1726	Before	Interior Girder 1	186.1726	0.95	1	1	5.546641
Combined Trck+lane_str	BOBJ1	731.1726	Before	Interior Girder 2	186.1726	0.95	1	1	5.546641
Combined Trck+lane_str	BOBJ1	731.1726	Before	Right Exterior Girder	186.1726	0.95	1	1	6.073228
Combined Trck+lane_str	BOBJ1	731.1726	After	Left Exterior Girder	186.1726	0.95	1	1	2.606533
Combined Trck+lane_str	BOBJ1	731.1726	After	Interior Girder 1	186.1726	0.95	1	1	2.382264
Combined Trck+lane_str	BOBJ1	731.1726	After	Interior Girder 2	186.1726	0.95	1	1	2.382264
Combined Trck+lane_str	BOBJ1	731.1726	After	Right Exterior Girder	186.1726	0.95	1	1	2.606533
Combined Trck+lane_str	BOBJ1	736.25	Before	Left Exterior Girder	191.25	0.95	1	1	3.212783
Combined Trck+lane_str	BOBJ1	736.25	Before	Interior Girder 1	191.25	0.95	1	1	2.837396
Combined Trck+lane_str	BOBJ1	736.25	Before	Interior Girder 2	191.25	0.95	1	1	2.837396
Combined Trck+lane_str	BOBJ1	736.25	Before	Right Exterior Girder	191.25	0.95	1	1	3.212783
Combined Trck+lane_str	BOBJ1	736.25	After	Left Exterior Girder	191.25	0.95	1	1	3.202731
Combined Trck+lane_str	BOBJ1	736.25	After	Interior Girder 1	191.25	0.95	1	1	2.838505
Combined Trck+lane_str	BOBJ1	736.25	After	Interior Girder 2	191.25	0.95	1	1	2.838505
Combined Trck+lane_str	BOBJ1	736.25	After	Right Exterior Girder	191.25	0.95	1	1	3.202731
Combined Trck+lane_str	BOBJ1	747.5	Before	Left Exterior Girder	202.5	0.95	1	1	5.624769
Combined Trck+lane_str	BOBJ1	747.5	Before	Interior Girder 1	202.5	0.95	1	1	4.68806
Combined Trck+lane_str	BOBJ1	747.5	Before	Interior Girder 2	202.5	0.95	1	1	4.688061
Combined Trck+lane_str	BOBJ1	747.5	Before	Right Exterior Girder	202.5	0.95	1	1	5.624769
Combined Trck+lane_str	BOBJ1	747.5	After	Left Exterior Girder	202.5	0.95	1	1	5.392767
Combined Trck+lane_str	BOBJ1	747.5	After	Interior Girder 1	202.5	0.95	1	1	4.660429
Combined Trck+lane_str	BOBJ1	747.5	After	Interior Girder 2	202.5	0.95	1	1	4.660429
Combined Trck+lane_str	BOBJ1	747.5	After	Right Exterior Girder	202.5	0.95	1	1	5.392766
Combined Trck+lane_str	BOBJ1	758.75	Before	Left Exterior Girder	213.75	0.95	1	1	12.894358
Combined Trck+lane_str	BOBJ1	758.75	Before	Interior Girder 1	213.75	0.95	1	1	9.908846
Combined Trck+lane_str	BOBJ1	758.75	Before	Interior Girder 2	213.75	0.95	1	1	9.908846
Combined Trck+lane_str	BOBJ1	758.75	Before	Right Exterior Girder	213.75	0.95	1	1	12.894354
Combined Trck+lane_str	BOBJ1	758.75	After	Left Exterior Girder	213.75	0.95	1	1	12.865465
Combined Trck+lane_str	BOBJ1	758.75	After	Interior Girder 1	213.75	0.95	1	1	9.790648
Combined Trck+lane_str	BOBJ1	758.75	After	Interior Girder 2	213.75	0.95	1	1	9.790648
Combined Trck+lane_str	BOBJ1	758.75	After	Right Exterior Girder	213.75	0.95	1	1	12.865461
Combined Trck+lane_str	BOBJ1	770	Before	Left Exterior Girder	225	0.95	1	1	242.794735
Combined Trck+lane_str	BOBJ1	770	Before	Interior Girder 1	225	0.95	1	1	206.100763
Combined Trck+lane_str	BOBJ1	770	Before	Interior Girder 2	225	0.95	1	1	206.100022
Combined Trck+lane_str	BOBJ1	770	Before	Right Exterior Girder	225	0.95	1	1	242.79601

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Main Span Girders									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
HL93_str_opr	BOBJ1	0	After	Left Exterior Girder	0	0.95	1	1	15.781027
HL93_str_opr	BOBJ1	0	After	Interior Girder 1	0	0.95	1	1	11.885119
HL93_str_opr	BOBJ1	0	After	Interior Girder 2	0	0.95	1	1	11.88512
HL93_str_opr	BOBJ1	0	After	Right Exterior Girder	0	0.95	1	1	15.781026
HL93_str_opr	BOBJ1	11.25	Before	Left Exterior Girder	11.25	0.95	1	1	15.951148
HL93_str_opr	BOBJ1	11.25	Before	Interior Girder 1	11.25	0.95	1	1	12.028995
HL93_str_opr	BOBJ1	11.25	Before	Interior Girder 2	11.25	0.95	1	1	12.028995
HL93_str_opr	BOBJ1	11.25	Before	Right Exterior Girder	11.25	0.95	1	1	15.951148
HL93_str_opr	BOBJ1	11.25	After	Left Exterior Girder	11.25	0.95	1	1	17.420735
HL93_str_opr	BOBJ1	11.25	After	Interior Girder 1	11.25	0.95	1	1	14.567164
HL93_str_opr	BOBJ1	11.25	After	Interior Girder 2	11.25	0.95	1	1	14.567165
HL93_str_opr	BOBJ1	11.25	After	Right Exterior Girder	11.25	0.95	1	1	17.420734
HL93_str_opr	BOBJ1	22.5	Before	Left Exterior Girder	22.5	0.95	1	1	17.605464
HL93_str_opr	BOBJ1	22.5	Before	Interior Girder 1	22.5	0.95	1	1	14.740584
HL93_str_opr	BOBJ1	22.5	Before	Interior Girder 2	22.5	0.95	1	1	14.740585
HL93_str_opr	BOBJ1	22.5	Before	Right Exterior Girder	22.5	0.95	1	1	17.605462
HL93_str_opr	BOBJ1	22.5	After	Left Exterior Girder	22.5	0.95	1	1	19.887594
HL93_str_opr	BOBJ1	22.5	After	Interior Girder 1	22.5	0.95	1	1	16.224049
HL93_str_opr	BOBJ1	22.5	After	Interior Girder 2	22.5	0.95	1	1	16.224048
HL93_str_opr	BOBJ1	22.5	After	Right Exterior Girder	22.5	0.95	1	1	19.887594
HL93_str_opr	BOBJ1	33.75	Before	Left Exterior Girder	33.75	0.95	1	1	20.094574
HL93_str_opr	BOBJ1	33.75	Before	Interior Girder 1	33.75	0.95	1	1	16.413866
HL93_str_opr	BOBJ1	33.75	Before	Interior Girder 2	33.75	0.95	1	1	16.413865
HL93_str_opr	BOBJ1	33.75	Before	Right Exterior Girder	33.75	0.95	1	1	20.094574
HL93_str_opr	BOBJ1	33.75	After	Left Exterior Girder	33.75	0.95	1	1	21.105326
HL93_str_opr	BOBJ1	33.75	After	Interior Girder 1	33.75	0.95	1	1	17.647616
HL93_str_opr	BOBJ1	33.75	After	Interior Girder 2	33.75	0.95	1	1	17.647614
HL93_str_opr	BOBJ1	33.75	After	Right Exterior Girder	33.75	0.95	1	1	21.105327
HL93_str_opr	BOBJ1	38.8274	Before	Left Exterior Girder	38.8274	0.95	1	1	21.203083
HL93_str_opr	BOBJ1	38.8274	Before	Interior Girder 1	38.8274	0.95	1	1	17.739398
HL93_str_opr	BOBJ1	38.8274	Before	Interior Girder 2	38.8274	0.95	1	1	17.739396
HL93_str_opr	BOBJ1	38.8274	Before	Right Exterior Girder	38.8274	0.95	1	1	21.203083
HL93_str_opr	BOBJ1	38.8274	After	Left Exterior Girder	38.8274	0.95	1	1	36.526206
HL93_str_opr	BOBJ1	38.8274	After	Interior Girder 1	38.8274	0.95	1	1	31.145385
HL93_str_opr	BOBJ1	38.8274	After	Interior Girder 2	38.8274	0.95	1	1	31.145384
HL93_str_opr	BOBJ1	38.8274	After	Right Exterior Girder	38.8274	0.95	1	1	36.526207
HL93_str_opr	BOBJ1	45	Before	Left Exterior Girder	45	0.95	1	1	36.682541
HL93_str_opr	BOBJ1	45	Before	Interior Girder 1	45	0.95	1	1	31.291961
HL93_str_opr	BOBJ1	45	Before	Interior Girder 2	45	0.95	1	1	31.291959
HL93_str_opr	BOBJ1	45	Before	Right Exterior Girder	45	0.95	1	1	36.682542
HL93_str_opr	BOBJ1	45	After	Left Exterior Girder	45	0.95	1	1	42.375708
HL93_str_opr	BOBJ1	45	After	Interior Girder 1	45	0.95	1	1	32.269274
HL93_str_opr	BOBJ1	45	After	Interior Girder 2	45	0.95	1	1	32.26927
HL93_str_opr	BOBJ1	45	After	Right Exterior Girder	45	0.95	1	1	42.375709
HL93_str_opr	BOBJ1	56.25	Before	Left Exterior Girder	56.25	0.95	1	1	42.703542
HL93_str_opr	BOBJ1	56.25	Before	Interior Girder 1	56.25	0.95	1	1	32.544051
HL93_str_opr	BOBJ1	56.25	Before	Interior Girder 2	56.25	0.95	1	1	32.544047
HL93_str_opr	BOBJ1	56.25	Before	Right Exterior Girder	56.25	0.95	1	1	42.703543
HL93_str_opr	BOBJ1	56.25	After	Left Exterior Girder	56.25	0.95	1	1	48.492166
HL93_str_opr	BOBJ1	56.25	After	Interior Girder 1	56.25	0.95	1	1	37.636895
HL93_str_opr	BOBJ1	56.25	After	Interior Girder 2	56.25	0.95	1	1	37.636891
HL93_str_opr	BOBJ1	56.25	After	Right Exterior Girder	56.25	0.95	1	1	48.492167
HL93_str_opr	BOBJ1	67.5	Before	Left Exterior Girder	67.5	0.95	1	1	48.863182
HL93_str_opr	BOBJ1	67.5	Before	Interior Girder 1	67.5	0.95	1	1	37.953826
HL93_str_opr	BOBJ1	67.5	Before	Interior Girder 2	67.5	0.95	1	1	37.953822
HL93_str_opr	BOBJ1	67.5	Before	Right Exterior Girder	67.5	0.95	1	1	48.863182
HL93_str_opr	BOBJ1	67.5	After	Left Exterior Girder	67.5	0.95	1	1	58.122045
HL93_str_opr	BOBJ1	67.5	After	Interior Girder 1	67.5	0.95	1	1	37.946406
HL93_str_opr	BOBJ1	67.5	After	Interior Girder 2	67.5	0.95	1	1	37.946409
HL93_str_opr	BOBJ1	67.5	After	Right Exterior Girder	67.5	0.95	1	1	58.122031
HL93_str_opr	BOBJ1	78.75	Before	Left Exterior Girder	78.75	0.95	1	1	58.561314
HL93_str_opr	BOBJ1	78.75	Before	Interior Girder 1	78.75	0.95	1	1	38.262223
HL93_str_opr	BOBJ1	78.75	Before	Interior Girder 2	78.75	0.95	1	1	38.262226
HL93_str_opr	BOBJ1	78.75	Before	Right Exterior Girder	78.75	0.95	1	1	58.5613
HL93_str_opr	BOBJ1	78.75	After	Left Exterior Girder	78.75	0.95	1	1	66.447525
HL93_str_opr	BOBJ1	78.75	After	Interior Girder 1	78.75	0.95	1	1	38.022905
HL93_str_opr	BOBJ1	78.75	After	Interior Girder 2	78.75	0.95	1	1	38.022902
HL93_str_opr	BOBJ1	78.75	After	Right Exterior Girder	78.75	0.95	1	1	66.447539

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Main Span Girders									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
HL93_str_opr	BOBJ1	90	Before	Left Exterior Girder	90	0.95	1	1	65.942658
HL93_str_opr	BOBJ1	90	Before	Interior Girder 1	90	0.95	1	1	37.705162
HL93_str_opr	BOBJ1	90	Before	Interior Girder 2	90	0.95	1	1	37.705159
HL93_str_opr	BOBJ1	90	Before	Right Exterior Girder	90	0.95	1	1	65.942672
HL93_str_opr	BOBJ1	90	After	Left Exterior Girder	90	0.95	1	1	55.070212
HL93_str_opr	BOBJ1	90	After	Interior Girder 1	90	0.95	1	1	37.473983
HL93_str_opr	BOBJ1	90	After	Interior Girder 2	90	0.95	1	1	37.473977
HL93_str_opr	BOBJ1	90	After	Right Exterior Girder	90	0.95	1	1	55.070217
HL93_str_opr	BOBJ1	101.25	Before	Left Exterior Girder	101.25	0.95	1	1	54.646601
HL93_str_opr	BOBJ1	101.25	Before	Interior Girder 1	101.25	0.95	1	1	37.157118
HL93_str_opr	BOBJ1	101.25	Before	Interior Girder 2	101.25	0.95	1	1	37.157112
HL93_str_opr	BOBJ1	101.25	Before	Right Exterior Girder	101.25	0.95	1	1	54.646606
HL93_str_opr	BOBJ1	101.25	After	Left Exterior Girder	101.25	0.95	1	1	47.901205
HL93_str_opr	BOBJ1	101.25	After	Interior Girder 1	101.25	0.95	1	1	32.317653
HL93_str_opr	BOBJ1	101.25	After	Interior Girder 2	101.25	0.95	1	1	32.317649
HL93_str_opr	BOBJ1	101.25	After	Right Exterior Girder	101.25	0.95	1	1	47.901207
HL93_str_opr	BOBJ1	112.5	Before	Left Exterior Girder	112.5	0.95	1	1	47.528611
HL93_str_opr	BOBJ1	112.5	Before	Interior Girder 1	112.5	0.95	1	1	32.04131
HL93_str_opr	BOBJ1	112.5	Before	Interior Girder 2	112.5	0.95	1	1	32.041305
HL93_str_opr	BOBJ1	112.5	Before	Right Exterior Girder	112.5	0.95	1	1	47.528614
HL93_str_opr	BOBJ1	112.5	After	Left Exterior Girder	112.5	0.95	1	1	41.101537
HL93_str_opr	BOBJ1	112.5	After	Interior Girder 1	112.5	0.95	1	1	31.737917
HL93_str_opr	BOBJ1	112.5	After	Interior Girder 2	112.5	0.95	1	1	31.737918
HL93_str_opr	BOBJ1	112.5	After	Right Exterior Girder	112.5	0.95	1	1	41.101535
HL93_str_opr	BOBJ1	123.75	Before	Left Exterior Girder	123.75	0.95	1	1	40.777791
HL93_str_opr	BOBJ1	123.75	Before	Interior Girder 1	123.75	0.95	1	1	31.463226
HL93_str_opr	BOBJ1	123.75	Before	Interior Girder 2	123.75	0.95	1	1	31.463227
HL93_str_opr	BOBJ1	123.75	Before	Right Exterior Girder	123.75	0.95	1	1	40.777789
HL93_str_opr	BOBJ1	123.75	After	Left Exterior Girder	123.75	0.95	1	1	36.764414
HL93_str_opr	BOBJ1	123.75	After	Interior Girder 1	123.75	0.95	1	1	27.588006
HL93_str_opr	BOBJ1	123.75	After	Interior Girder 2	123.75	0.95	1	1	27.588007
HL93_str_opr	BOBJ1	123.75	After	Right Exterior Girder	123.75	0.95	1	1	36.764413
HL93_str_opr	BOBJ1	126.4381	Before	Left Exterior Girder	126.4381	0.95	1	1	36.69448
HL93_str_opr	BOBJ1	126.4381	Before	Interior Girder 1	126.4381	0.95	1	1	27.530396
HL93_str_opr	BOBJ1	126.4381	Before	Interior Girder 2	126.4381	0.95	1	1	27.530397
HL93_str_opr	BOBJ1	126.4381	Before	Right Exterior Girder	126.4381	0.95	1	1	36.694478
HL93_str_opr	BOBJ1	126.4381	After	Left Exterior Girder	126.4381	0.95	1	1	21.687525
HL93_str_opr	BOBJ1	126.4381	After	Interior Girder 1	126.4381	0.95	1	1	16.201789
HL93_str_opr	BOBJ1	126.4381	After	Interior Girder 2	126.4381	0.95	1	1	16.20179
HL93_str_opr	BOBJ1	126.4381	After	Right Exterior Girder	126.4381	0.95	1	1	21.687524
HL93_str_opr	BOBJ1	135	Before	Left Exterior Girder	135	0.95	1	1	21.512852
HL93_str_opr	BOBJ1	135	Before	Interior Girder 1	135	0.95	1	1	16.055358
HL93_str_opr	BOBJ1	135	Before	Interior Girder 2	135	0.95	1	1	16.055359
HL93_str_opr	BOBJ1	135	Before	Right Exterior Girder	135	0.95	1	1	21.512851
HL93_str_opr	BOBJ1	135	After	Left Exterior Girder	135	0.95	1	1	19.448954
HL93_str_opr	BOBJ1	135	After	Interior Girder 1	135	0.95	1	1	16.265278
HL93_str_opr	BOBJ1	135	After	Interior Girder 2	135	0.95	1	1	16.265279
HL93_str_opr	BOBJ1	135	After	Right Exterior Girder	135	0.95	1	1	19.448953
HL93_str_opr	BOBJ1	146.25	Before	Left Exterior Girder	146.25	0.95	1	1	19.239981
HL93_str_opr	BOBJ1	146.25	Before	Interior Girder 1	146.25	0.95	1	1	16.069287
HL93_str_opr	BOBJ1	146.25	Before	Interior Girder 2	146.25	0.95	1	1	16.069288
HL93_str_opr	BOBJ1	146.25	Before	Right Exterior Girder	146.25	0.95	1	1	19.239981
HL93_str_opr	BOBJ1	146.25	After	Left Exterior Girder	146.25	0.95	1	1	17.602132
HL93_str_opr	BOBJ1	146.25	After	Interior Girder 1	146.25	0.95	1	1	14.174108
HL93_str_opr	BOBJ1	146.25	After	Interior Girder 2	146.25	0.95	1	1	14.174109
HL93_str_opr	BOBJ1	146.25	After	Right Exterior Girder	146.25	0.95	1	1	17.602131
HL93_str_opr	BOBJ1	157.5	Before	Left Exterior Girder	157.5	0.95	1	1	17.409813
HL93_str_opr	BOBJ1	157.5	Before	Interior Girder 1	157.5	0.95	1	1	14.000406
HL93_str_opr	BOBJ1	157.5	Before	Interior Girder 2	157.5	0.95	1	1	14.000406
HL93_str_opr	BOBJ1	157.5	Before	Right Exterior Girder	157.5	0.95	1	1	17.409812
HL93_str_opr	BOBJ1	157.5	After	Left Exterior Girder	157.5	0.95	1	1	15.785571
HL93_str_opr	BOBJ1	157.5	After	Interior Girder 1	157.5	0.95	1	1	13.313906
HL93_str_opr	BOBJ1	157.5	After	Interior Girder 2	157.5	0.95	1	1	13.313906
HL93_str_opr	BOBJ1	157.5	After	Right Exterior Girder	157.5	0.95	1	1	15.785571
HL93_str_opr	BOBJ1	168.2522	Before	Left Exterior Girder	168.2522	0.95	1	1	15.617606
HL93_str_opr	BOBJ1	168.2522	Before	Interior Girder 1	168.2522	0.95	1	1	13.155004
HL93_str_opr	BOBJ1	168.2522	Before	Interior Girder 2	168.2522	0.95	1	1	13.155004
HL93_str_opr	BOBJ1	168.2522	Before	Right Exterior Girder	168.2522	0.95	1	1	15.617606

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Main Span Girders									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
HL93_str_opr	BOBJ1	168.2522	After	Left Exterior Girder	168.2522	0.95	1	1	21.175641
HL93_str_opr	BOBJ1	168.2522	After	Interior Girder 1	168.2522	0.95	1	1	18.114652
HL93_str_opr	BOBJ1	168.2522	After	Interior Girder 2	168.2522	0.95	1	1	18.114652
HL93_str_opr	BOBJ1	168.2522	After	Right Exterior Girder	168.2522	0.95	1	1	21.175641
HL93_str_opr	BOBJ1	168.75	Before	Left Exterior Girder	168.75	0.95	1	1	21.167196
HL93_str_opr	BOBJ1	168.75	Before	Interior Girder 1	168.75	0.95	1	1	18.106806
HL93_str_opr	BOBJ1	168.75	Before	Interior Girder 2	168.75	0.95	1	1	18.106806
HL93_str_opr	BOBJ1	168.75	Before	Right Exterior Girder	168.75	0.95	1	1	21.167196
HL93_str_opr	BOBJ1	168.75	After	Left Exterior Girder	168.75	0.95	1	1	22.652064
HL93_str_opr	BOBJ1	168.75	After	Interior Girder 1	168.75	0.95	1	1	18.091814
HL93_str_opr	BOBJ1	168.75	After	Interior Girder 2	168.75	0.95	1	1	18.091813
HL93_str_opr	BOBJ1	168.75	After	Right Exterior Girder	168.75	0.95	1	1	22.652064
HL93_str_opr	BOBJ1	180	Before	Left Exterior Girder	180	0.95	1	1	22.448695
HL93_str_opr	BOBJ1	180	Before	Interior Girder 1	180	0.95	1	1	17.913215
HL93_str_opr	BOBJ1	180	Before	Interior Girder 2	180	0.95	1	1	17.913214
HL93_str_opr	BOBJ1	180	Before	Right Exterior Girder	180	0.95	1	1	22.448695
HL93_str_opr	BOBJ1	180	After	Left Exterior Girder	180	0.95	1	1	20.820364
HL93_str_opr	BOBJ1	180	After	Interior Girder 1	180	0.95	1	1	16.543207
HL93_str_opr	BOBJ1	180	After	Interior Girder 2	180	0.95	1	1	16.543207
HL93_str_opr	BOBJ1	180	After	Right Exterior Girder	180	0.95	1	1	20.820365
HL93_str_opr	BOBJ1	183.1858	Before	Left Exterior Girder	183.1858	0.95	1	1	20.766706
HL93_str_opr	BOBJ1	183.1858	Before	Interior Girder 1	183.1858	0.95	1	1	16.496381
HL93_str_opr	BOBJ1	183.1858	Before	Interior Girder 2	183.1858	0.95	1	1	16.496381
HL93_str_opr	BOBJ1	183.1858	Before	Right Exterior Girder	183.1858	0.95	1	1	20.766706
HL93_str_opr	BOBJ1	183.1858	After	Left Exterior Girder	183.1858	0.95	1	1	32.73296
HL93_str_opr	BOBJ1	183.1858	After	Interior Girder 1	183.1858	0.95	1	1	25.413825
HL93_str_opr	BOBJ1	183.1858	After	Interior Girder 2	183.1858	0.95	1	1	25.413824
HL93_str_opr	BOBJ1	183.1858	After	Right Exterior Girder	183.1858	0.95	1	1	32.732961
HL93_str_opr	BOBJ1	191.25	Before	Left Exterior Girder	191.25	0.95	1	1	32.562547
HL93_str_opr	BOBJ1	191.25	Before	Interior Girder 1	191.25	0.95	1	1	25.271096
HL93_str_opr	BOBJ1	191.25	Before	Interior Girder 2	191.25	0.95	1	1	25.271096
HL93_str_opr	BOBJ1	191.25	Before	Right Exterior Girder	191.25	0.95	1	1	32.562548
HL93_str_opr	BOBJ1	191.25	After	Left Exterior Girder	191.25	0.95	1	1	31.306318
HL93_str_opr	BOBJ1	191.25	After	Interior Girder 1	191.25	0.95	1	1	23.259655
HL93_str_opr	BOBJ1	191.25	After	Interior Girder 2	191.25	0.95	1	1	23.259655
HL93_str_opr	BOBJ1	191.25	After	Right Exterior Girder	191.25	0.95	1	1	31.306319
HL93_str_opr	BOBJ1	199.9414	Before	Left Exterior Girder	199.9414	0.95	1	1	31.129402
HL93_str_opr	BOBJ1	199.9414	Before	Interior Girder 1	199.9414	0.95	1	1	23.11783
HL93_str_opr	BOBJ1	199.9414	Before	Interior Girder 2	199.9414	0.95	1	1	23.11783
HL93_str_opr	BOBJ1	199.9414	Before	Right Exterior Girder	199.9414	0.95	1	1	31.129403
HL93_str_opr	BOBJ1	199.9414	After	Left Exterior Girder	199.9414	0.95	1	1	39.663414
HL93_str_opr	BOBJ1	199.9414	After	Interior Girder 1	199.9414	0.95	1	1	28.262118
HL93_str_opr	BOBJ1	199.9414	After	Interior Girder 2	199.9414	0.95	1	1	28.262117
HL93_str_opr	BOBJ1	199.9414	After	Right Exterior Girder	199.9414	0.95	1	1	39.663415
HL93_str_opr	BOBJ1	202.5	Before	Left Exterior Girder	202.5	0.95	1	1	39.604101
HL93_str_opr	BOBJ1	202.5	Before	Interior Girder 1	202.5	0.95	1	1	28.217056
HL93_str_opr	BOBJ1	202.5	Before	Interior Girder 2	202.5	0.95	1	1	28.217056
HL93_str_opr	BOBJ1	202.5	Before	Right Exterior Girder	202.5	0.95	1	1	39.604101
HL93_str_opr	BOBJ1	202.5	After	Left Exterior Girder	202.5	0.95	1	1	39.245453
HL93_str_opr	BOBJ1	202.5	After	Interior Girder 1	202.5	0.95	1	1	27.865345
HL93_str_opr	BOBJ1	202.5	After	Interior Girder 2	202.5	0.95	1	1	27.865345
HL93_str_opr	BOBJ1	202.5	After	Right Exterior Girder	202.5	0.95	1	1	39.245453
HL93_str_opr	BOBJ1	210.5642	Before	Left Exterior Girder	210.5642	0.95	1	1	39.060015
HL93_str_opr	BOBJ1	210.5642	Before	Interior Girder 1	210.5642	0.95	1	1	27.724835
HL93_str_opr	BOBJ1	210.5642	Before	Interior Girder 2	210.5642	0.95	1	1	27.724834
HL93_str_opr	BOBJ1	210.5642	Before	Right Exterior Girder	210.5642	0.95	1	1	39.060016
HL93_str_opr	BOBJ1	210.5642	After	Left Exterior Girder	210.5642	0.95	1	1	47.254251
HL93_str_opr	BOBJ1	210.5642	After	Interior Girder 1	210.5642	0.95	1	1	32.310061
HL93_str_opr	BOBJ1	210.5642	After	Interior Girder 2	210.5642	0.95	1	1	32.310061
HL93_str_opr	BOBJ1	210.5642	After	Right Exterior Girder	210.5642	0.95	1	1	47.254252
HL93_str_opr	BOBJ1	213.75	Before	Left Exterior Girder	213.75	0.95	1	1	47.172147
HL93_str_opr	BOBJ1	213.75	Before	Interior Girder 1	213.75	0.95	1	1	32.250657
HL93_str_opr	BOBJ1	213.75	Before	Interior Girder 2	213.75	0.95	1	1	32.250657
HL93_str_opr	BOBJ1	213.75	Before	Right Exterior Girder	213.75	0.95	1	1	47.172148
HL93_str_opr	BOBJ1	213.75	After	Left Exterior Girder	213.75	0.95	1	1	46.393882
HL93_str_opr	BOBJ1	213.75	After	Interior Girder 1	213.75	0.95	1	1	30.895185
HL93_str_opr	BOBJ1	213.75	After	Interior Girder 2	213.75	0.95	1	1	30.895185
HL93_str_opr	BOBJ1	213.75	After	Right Exterior Girder	213.75	0.95	1	1	46.393883

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Main Span Girders									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
HL93_str_opr	BOBJ1	225	Before	Left Exterior Girder	225	0.95	1	1	46.108503
HL93_str_opr	BOBJ1	225	Before	Interior Girder 1	225	0.95	1	1	30.69403
HL93_str_opr	BOBJ1	225	Before	Interior Girder 2	225	0.95	1	1	30.69403
HL93_str_opr	BOBJ1	225	Before	Right Exterior Girder	225	0.95	1	1	46.108504
HL93_str_opr	BOBJ1	225	After	Left Exterior Girder	0	0.95	1	1	40.904207
HL93_str_opr	BOBJ1	225	After	Interior Girder 1	0	0.95	1	1	28.188819
HL93_str_opr	BOBJ1	225	After	Interior Girder 2	0	0.95	1	1	28.188819
HL93_str_opr	BOBJ1	225	After	Right Exterior Girder	0	0.95	1	1	40.904207
HL93_str_opr	BOBJ1	236.45	Before	Left Exterior Girder	11.45	0.95	1	1	42.126309
HL93_str_opr	BOBJ1	236.45	Before	Interior Girder 1	11.45	0.95	1	1	30.049249
HL93_str_opr	BOBJ1	236.45	Before	Interior Girder 2	11.45	0.95	1	1	30.049249
HL93_str_opr	BOBJ1	236.45	Before	Right Exterior Girder	11.45	0.95	1	1	42.126308
HL93_str_opr	BOBJ1	236.45	After	Left Exterior Girder	11.45	0.95	1	1	42.496562
HL93_str_opr	BOBJ1	236.45	After	Interior Girder 1	11.45	0.95	1	1	30.720609
HL93_str_opr	BOBJ1	236.45	After	Interior Girder 2	11.45	0.95	1	1	30.72061
HL93_str_opr	BOBJ1	236.45	After	Right Exterior Girder	11.45	0.95	1	1	42.496562
HL93_str_opr	BOBJ1	239.5082	Before	Left Exterior Girder	14.5082	0.95	1	1	42.568312
HL93_str_opr	BOBJ1	239.5082	Before	Interior Girder 1	14.5082	0.95	1	1	30.775474
HL93_str_opr	BOBJ1	239.5082	Before	Interior Girder 2	14.5082	0.95	1	1	30.775474
HL93_str_opr	BOBJ1	239.5082	Before	Right Exterior Girder	14.5082	0.95	1	1	42.568311
HL93_str_opr	BOBJ1	239.5082	After	Left Exterior Girder	14.5082	0.95	1	1	35.002103
HL93_str_opr	BOBJ1	239.5082	After	Interior Girder 1	14.5082	0.95	1	1	26.300824
HL93_str_opr	BOBJ1	239.5082	After	Interior Girder 2	14.5082	0.95	1	1	26.300824
HL93_str_opr	BOBJ1	239.5082	After	Right Exterior Girder	14.5082	0.95	1	1	35.002103
HL93_str_opr	BOBJ1	247.9	Before	Left Exterior Girder	22.9	0.95	1	1	35.177302
HL93_str_opr	BOBJ1	247.9	Before	Interior Girder 1	22.9	0.95	1	1	26.441294
HL93_str_opr	BOBJ1	247.9	Before	Interior Girder 2	22.9	0.95	1	1	26.441295
HL93_str_opr	BOBJ1	247.9	Before	Right Exterior Girder	22.9	0.95	1	1	35.177301
HL93_str_opr	BOBJ1	247.9	After	Left Exterior Girder	22.9	0.95	1	1	36.842609
HL93_str_opr	BOBJ1	247.9	After	Interior Girder 1	22.9	0.95	1	1	28.596597
HL93_str_opr	BOBJ1	247.9	After	Interior Girder 2	22.9	0.95	1	1	28.596597
HL93_str_opr	BOBJ1	247.9	After	Right Exterior Girder	22.9	0.95	1	1	36.842608
HL93_str_opr	BOBJ1	258.5189	Before	Left Exterior Girder	33.5189	0.95	1	1	37.074269
HL93_str_opr	BOBJ1	258.5189	Before	Interior Girder 1	33.5189	0.95	1	1	28.788449
HL93_str_opr	BOBJ1	258.5189	Before	Interior Girder 2	33.5189	0.95	1	1	28.78845
HL93_str_opr	BOBJ1	258.5189	Before	Right Exterior Girder	33.5189	0.95	1	1	37.074269
HL93_str_opr	BOBJ1	258.5189	After	Left Exterior Girder	33.5189	0.95	1	1	27.696439
HL93_str_opr	BOBJ1	258.5189	After	Interior Girder 1	33.5189	0.95	1	1	23.191663
HL93_str_opr	BOBJ1	258.5189	After	Interior Girder 2	33.5189	0.95	1	1	23.191663
HL93_str_opr	BOBJ1	258.5189	After	Right Exterior Girder	33.5189	0.95	1	1	27.696439
HL93_str_opr	BOBJ1	259.3	Before	Left Exterior Girder	34.3	0.95	1	1	27.71077
HL93_str_opr	BOBJ1	259.3	Before	Interior Girder 1	34.3	0.95	1	1	23.20452
HL93_str_opr	BOBJ1	259.3	Before	Interior Girder 2	34.3	0.95	1	1	23.204521
HL93_str_opr	BOBJ1	259.3	Before	Right Exterior Girder	34.3	0.95	1	1	27.710769
HL93_str_opr	BOBJ1	259.3	After	Left Exterior Girder	34.3	0.95	1	1	28.891875
HL93_str_opr	BOBJ1	259.3	After	Interior Girder 1	34.3	0.95	1	1	23.416777
HL93_str_opr	BOBJ1	259.3	After	Interior Girder 2	34.3	0.95	1	1	23.416777
HL93_str_opr	BOBJ1	259.3	After	Right Exterior Girder	34.3	0.95	1	1	28.891875
HL93_str_opr	BOBJ1	266.1031	Before	Left Exterior Girder	41.1031	0.95	1	1	29.021459
HL93_str_opr	BOBJ1	266.1031	Before	Interior Girder 1	41.1031	0.95	1	1	23.530067
HL93_str_opr	BOBJ1	266.1031	Before	Interior Girder 2	41.1031	0.95	1	1	23.530067
HL93_str_opr	BOBJ1	266.1031	Before	Right Exterior Girder	41.1031	0.95	1	1	29.021459
HL93_str_opr	BOBJ1	266.1031	After	Left Exterior Girder	41.1031	0.95	1	1	18.391922
HL93_str_opr	BOBJ1	266.1031	After	Interior Girder 1	41.1031	0.95	1	1	15.315188
HL93_str_opr	BOBJ1	266.1031	After	Interior Girder 2	41.1031	0.95	1	1	15.315188
HL93_str_opr	BOBJ1	266.1031	After	Right Exterior Girder	41.1031	0.95	1	1	18.391922
HL93_str_opr	BOBJ1	270.7	Before	Left Exterior Girder	45.7	0.95	1	1	18.462289
HL93_str_opr	BOBJ1	270.7	Before	Interior Girder 1	45.7	0.95	1	1	15.379588
HL93_str_opr	BOBJ1	270.7	Before	Interior Girder 2	45.7	0.95	1	1	15.379589
HL93_str_opr	BOBJ1	270.7	Before	Right Exterior Girder	45.7	0.95	1	1	18.462289
HL93_str_opr	BOBJ1	270.7	After	Left Exterior Girder	45.7	0.95	1	1	18.872522
HL93_str_opr	BOBJ1	270.7	After	Interior Girder 1	45.7	0.95	1	1	15.264263
HL93_str_opr	BOBJ1	270.7	After	Interior Girder 2	45.7	0.95	1	1	15.264263
HL93_str_opr	BOBJ1	270.7	After	Right Exterior Girder	45.7	0.95	1	1	18.872522
HL93_str_opr	BOBJ1	273.6874	Before	Left Exterior Girder	48.6874	0.95	1	1	18.919179
HL93_str_opr	BOBJ1	273.6874	Before	Interior Girder 1	48.6874	0.95	1	1	15.305672
HL93_str_opr	BOBJ1	273.6874	Before	Interior Girder 2	48.6874	0.95	1	1	15.305672
HL93_str_opr	BOBJ1	273.6874	Before	Right Exterior Girder	48.6874	0.95	1	1	18.919179

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Main Span Girders									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
HL93_str_opr	BOBJ1	273.6874	After	Left Exterior Girder	48.6874	0.95	1	1	12.454145
HL93_str_opr	BOBJ1	273.6874	After	Interior Girder 1	48.6874	0.95	1	1	10.470309
HL93_str_opr	BOBJ1	273.6874	After	Interior Girder 2	48.6874	0.95	1	1	10.47031
HL93_str_opr	BOBJ1	273.6874	After	Right Exterior Girder	48.6874	0.95	1	1	12.454144
HL93_str_opr	BOBJ1	282.15	Before	Left Exterior Girder	57.15	0.95	1	1	12.565572
HL93_str_opr	BOBJ1	282.15	Before	Interior Girder 1	57.15	0.95	1	1	10.575388
HL93_str_opr	BOBJ1	282.15	Before	Interior Girder 2	57.15	0.95	1	1	10.575389
HL93_str_opr	BOBJ1	282.15	Before	Right Exterior Girder	57.15	0.95	1	1	12.565571
HL93_str_opr	BOBJ1	282.15	After	Left Exterior Girder	57.15	0.95	1	1	12.97276
HL93_str_opr	BOBJ1	282.15	After	Interior Girder 1	57.15	0.95	1	1	11.186686
HL93_str_opr	BOBJ1	282.15	After	Interior Girder 2	57.15	0.95	1	1	11.186686
HL93_str_opr	BOBJ1	282.15	After	Right Exterior Girder	57.15	0.95	1	1	12.97276
HL93_str_opr	BOBJ1	293.6	Before	Left Exterior Girder	68.6	0.95	1	1	13.603728
HL93_str_opr	BOBJ1	293.6	Before	Interior Girder 1	68.6	0.95	1	1	12.101559
HL93_str_opr	BOBJ1	293.6	Before	Interior Girder 2	68.6	0.95	1	1	12.101559
HL93_str_opr	BOBJ1	293.6	Before	Right Exterior Girder	68.6	0.95	1	1	13.603728
HL93_str_opr	BOBJ1	293.6	After	Left Exterior Girder	68.6	0.95	1	1	14.295043
HL93_str_opr	BOBJ1	293.6	After	Interior Girder 1	68.6	0.95	1	1	11.85402
HL93_str_opr	BOBJ1	293.6	After	Interior Girder 2	68.6	0.95	1	1	11.85402
HL93_str_opr	BOBJ1	293.6	After	Right Exterior Girder	68.6	0.95	1	1	14.295044
HL93_str_opr	BOBJ1	305	Before	Left Exterior Girder	80	0.95	1	1	15.122362
HL93_str_opr	BOBJ1	305	Before	Interior Girder 1	80	0.95	1	1	12.810185
HL93_str_opr	BOBJ1	305	Before	Interior Girder 2	80	0.95	1	1	12.810185
HL93_str_opr	BOBJ1	305	Before	Right Exterior Girder	80	0.95	1	1	15.122363
HL93_str_opr	BOBJ1	305	After	Left Exterior Girder	80	0.95	1	1	14.936389
HL93_str_opr	BOBJ1	305	After	Interior Girder 1	80	0.95	1	1	13.091922
HL93_str_opr	BOBJ1	305	After	Interior Girder 2	80	0.95	1	1	13.091922
HL93_str_opr	BOBJ1	305	After	Right Exterior Girder	80	0.95	1	1	14.93639
HL93_str_opr	BOBJ1	306.9561	Before	Left Exterior Girder	81.9561	0.95	1	1	14.965873
HL93_str_opr	BOBJ1	306.9561	Before	Interior Girder 1	81.9561	0.95	1	1	13.120698
HL93_str_opr	BOBJ1	306.9561	Before	Interior Girder 2	81.9561	0.95	1	1	13.120697
HL93_str_opr	BOBJ1	306.9561	Before	Right Exterior Girder	81.9561	0.95	1	1	14.965874
HL93_str_opr	BOBJ1	306.9561	After	Left Exterior Girder	81.9561	0.95	1	1	27.121608
HL93_str_opr	BOBJ1	306.9561	After	Interior Girder 1	81.9561	0.95	1	1	23.946536
HL93_str_opr	BOBJ1	306.9561	After	Interior Girder 2	81.9561	0.95	1	1	23.946536
HL93_str_opr	BOBJ1	306.9561	After	Right Exterior Girder	81.9561	0.95	1	1	27.12161
HL93_str_opr	BOBJ1	316.4	Before	Left Exterior Girder	91.4	0.95	1	1	27.316672
HL93_str_opr	BOBJ1	316.4	Before	Interior Girder 1	91.4	0.95	1	1	24.135294
HL93_str_opr	BOBJ1	316.4	Before	Interior Girder 2	91.4	0.95	1	1	24.135294
HL93_str_opr	BOBJ1	316.4	Before	Right Exterior Girder	91.4	0.95	1	1	27.316675
HL93_str_opr	BOBJ1	316.4	After	Left Exterior Girder	91.4	0.95	1	1	29.146625
HL93_str_opr	BOBJ1	316.4	After	Interior Girder 1	91.4	0.95	1	1	23.19706
HL93_str_opr	BOBJ1	316.4	After	Interior Girder 2	91.4	0.95	1	1	23.19706
HL93_str_opr	BOBJ1	316.4	After	Right Exterior Girder	91.4	0.95	1	1	29.146626
HL93_str_opr	BOBJ1	327.85	Before	Left Exterior Girder	102.9679	0.95	1	1	30.846684
HL93_str_opr	BOBJ1	327.85	Before	Interior Girder 1	102.9679	0.95	1	1	25.077349
HL93_str_opr	BOBJ1	327.85	Before	Interior Girder 2	102.9679	0.95	1	1	25.07735
HL93_str_opr	BOBJ1	327.85	Before	Right Exterior Girder	102.9679	0.95	1	1	30.846685
HL93_str_opr	BOBJ1	327.85	After	Left Exterior Girder	102.9679	0.95	1	1	48.818726
HL93_str_opr	BOBJ1	327.85	After	Interior Girder 1	102.9679	0.95	1	1	39.904284
HL93_str_opr	BOBJ1	327.85	After	Interior Girder 2	102.9679	0.95	1	1	39.904285
HL93_str_opr	BOBJ1	327.85	After	Right Exterior Girder	102.9679	0.95	1	1	48.818727
HL93_str_opr	BOBJ1	339.3	Before	Left Exterior Girder	114.3	0.95	1	1	51.550769
HL93_str_opr	BOBJ1	339.3	Before	Interior Girder 1	114.3	0.95	1	1	42.994018
HL93_str_opr	BOBJ1	339.3	Before	Interior Girder 2	114.3	0.95	1	1	42.994018
HL93_str_opr	BOBJ1	339.3	Before	Right Exterior Girder	114.3	0.95	1	1	51.55077
HL93_str_opr	BOBJ1	339.3	After	Left Exterior Girder	114.3	0.95	1	1	54.64277
HL93_str_opr	BOBJ1	339.3	After	Interior Girder 1	114.3	0.95	1	1	40.485537
HL93_str_opr	BOBJ1	339.3	After	Interior Girder 2	114.3	0.95	1	1	40.485536
HL93_str_opr	BOBJ1	339.3	After	Right Exterior Girder	114.3	0.95	1	1	54.642769
HL93_str_opr	BOBJ1	350.7	Before	Left Exterior Girder	125.7	0.95	1	1	58.013297
HL93_str_opr	BOBJ1	350.7	Before	Interior Girder 1	125.7	0.95	1	1	43.798327
HL93_str_opr	BOBJ1	350.7	Before	Interior Girder 2	125.7	0.95	1	1	43.798325
HL93_str_opr	BOBJ1	350.7	Before	Right Exterior Girder	125.7	0.95	1	1	58.013296
HL93_str_opr	BOBJ1	350.7	After	Left Exterior Girder	125.7	0.95	1	1	60.283039
HL93_str_opr	BOBJ1	350.7	After	Interior Girder 1	125.7	0.95	1	1	45.538217
HL93_str_opr	BOBJ1	350.7	After	Interior Girder 2	125.7	0.95	1	1	45.538216
HL93_str_opr	BOBJ1	350.7	After	Right Exterior Girder	125.7	0.95	1	1	60.283039

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Main Span Girders									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
HL93_str_opr	BOBJ1	362.1	Before	Left Exterior Girder	137.1	0.95	1	1	64.305275
HL93_str_opr	BOBJ1	362.1	Before	Interior Girder 1	137.1	0.95	1	1	49.255941
HL93_str_opr	BOBJ1	362.1	Before	Interior Girder 2	137.1	0.95	1	1	49.25594
HL93_str_opr	BOBJ1	362.1	Before	Right Exterior Girder	137.1	0.95	1	1	64.305275
HL93_str_opr	BOBJ1	362.1	After	Left Exterior Girder	137.1	0.95	1	1	68.484036
HL93_str_opr	BOBJ1	362.1	After	Interior Girder 1	137.1	0.95	1	1	45.756254
HL93_str_opr	BOBJ1	362.1	After	Interior Girder 2	137.1	0.95	1	1	45.756254
HL93_str_opr	BOBJ1	362.1	After	Right Exterior Girder	137.1	0.95	1	1	68.484031
HL93_str_opr	BOBJ1	373.55	Before	Left Exterior Girder	148.55	0.95	1	1	73.336364
HL93_str_opr	BOBJ1	373.55	Before	Interior Girder 1	148.55	0.95	1	1	49.68867
HL93_str_opr	BOBJ1	373.55	Before	Interior Girder 2	148.55	0.95	1	1	49.68867
HL93_str_opr	BOBJ1	373.55	Before	Right Exterior Girder	148.55	0.95	1	1	73.336358
HL93_str_opr	BOBJ1	373.55	After	Left Exterior Girder	148.55	0.95	1	1	76.608793
HL93_str_opr	BOBJ1	373.55	After	Interior Girder 1	148.55	0.95	1	1	51.732931
HL93_str_opr	BOBJ1	373.55	After	Interior Girder 2	148.55	0.95	1	1	51.732931
HL93_str_opr	BOBJ1	373.55	After	Right Exterior Girder	148.55	0.95	1	1	76.608787
HL93_str_opr	BOBJ1	385	Before	Left Exterior Girder	160	0.95	1	1	82.54881
HL93_str_opr	BOBJ1	385	Before	Interior Girder 1	160	0.95	1	1	51.655973
HL93_str_opr	BOBJ1	385	Before	Interior Girder 2	160	0.95	1	1	51.655972
HL93_str_opr	BOBJ1	385	Before	Right Exterior Girder	160	0.95	1	1	82.548802
HL93_str_opr	BOBJ1	385	After	Left Exterior Girder	160	0.95	1	1	82.548813
HL93_str_opr	BOBJ1	385	After	Interior Girder 1	160	0.95	1	1	51.655386
HL93_str_opr	BOBJ1	385	After	Interior Girder 2	160	0.95	1	1	51.655388
HL93_str_opr	BOBJ1	385	After	Right Exterior Girder	160	0.95	1	1	82.548821
HL93_str_opr	BOBJ1	396.45	Before	Left Exterior Girder	171.45	0.95	1	1	76.608766
HL93_str_opr	BOBJ1	396.45	Before	Interior Girder 1	171.45	0.95	1	1	51.73352
HL93_str_opr	BOBJ1	396.45	Before	Interior Girder 2	171.45	0.95	1	1	51.73352
HL93_str_opr	BOBJ1	396.45	Before	Right Exterior Girder	171.45	0.95	1	1	76.608772
HL93_str_opr	BOBJ1	396.45	After	Left Exterior Girder	171.45	0.95	1	1	73.336341
HL93_str_opr	BOBJ1	396.45	After	Interior Girder 1	171.45	0.95	1	1	49.688821
HL93_str_opr	BOBJ1	396.45	After	Interior Girder 2	171.45	0.95	1	1	49.68882
HL93_str_opr	BOBJ1	396.45	After	Right Exterior Girder	171.45	0.95	1	1	73.336347
HL93_str_opr	BOBJ1	407.9	Before	Left Exterior Girder	182.9	0.95	1	1	68.48402
HL93_str_opr	BOBJ1	407.9	Before	Interior Girder 1	182.9	0.95	1	1	45.756513
HL93_str_opr	BOBJ1	407.9	Before	Interior Girder 2	182.9	0.95	1	1	45.756511
HL93_str_opr	BOBJ1	407.9	Before	Right Exterior Girder	182.9	0.95	1	1	68.484025
HL93_str_opr	BOBJ1	407.9	After	Left Exterior Girder	182.9	0.95	1	1	64.305269
HL93_str_opr	BOBJ1	407.9	After	Interior Girder 1	182.9	0.95	1	1	49.255706
HL93_str_opr	BOBJ1	407.9	After	Interior Girder 2	182.9	0.95	1	1	49.255704
HL93_str_opr	BOBJ1	407.9	After	Right Exterior Girder	182.9	0.95	1	1	64.305271
HL93_str_opr	BOBJ1	419.3	Before	Left Exterior Girder	194.3	0.95	1	1	60.283067
HL93_str_opr	BOBJ1	419.3	Before	Interior Girder 1	194.3	0.95	1	1	45.538275
HL93_str_opr	BOBJ1	419.3	Before	Interior Girder 2	194.3	0.95	1	1	45.538274
HL93_str_opr	BOBJ1	419.3	Before	Right Exterior Girder	194.3	0.95	1	1	60.283069
HL93_str_opr	BOBJ1	419.3	After	Left Exterior Girder	194.3	0.95	1	1	58.013323
HL93_str_opr	BOBJ1	419.3	After	Interior Girder 1	194.3	0.95	1	1	43.798381
HL93_str_opr	BOBJ1	419.3	After	Interior Girder 2	194.3	0.95	1	1	43.79838
HL93_str_opr	BOBJ1	419.3	After	Right Exterior Girder	194.3	0.95	1	1	58.013326
HL93_str_opr	BOBJ1	430.7	Before	Left Exterior Girder	205.7	0.95	1	1	54.642792
HL93_str_opr	BOBJ1	430.7	Before	Interior Girder 1	205.7	0.95	1	1	40.485507
HL93_str_opr	BOBJ1	430.7	Before	Interior Girder 2	205.7	0.95	1	1	40.485506
HL93_str_opr	BOBJ1	430.7	Before	Right Exterior Girder	205.7	0.95	1	1	54.642795
HL93_str_opr	BOBJ1	430.7	After	Left Exterior Girder	205.7	0.95	1	1	51.55083
HL93_str_opr	BOBJ1	430.7	After	Interior Girder 1	205.7	0.95	1	1	42.99418
HL93_str_opr	BOBJ1	430.7	After	Interior Girder 2	205.7	0.95	1	1	42.994178
HL93_str_opr	BOBJ1	430.7	After	Right Exterior Girder	205.7	0.95	1	1	51.550835
HL93_str_opr	BOBJ1	442.15	Before	Left Exterior Girder	217.0321	0.95	1	1	48.818742
HL93_str_opr	BOBJ1	442.15	Before	Interior Girder 1	217.0321	0.95	1	1	39.904421
HL93_str_opr	BOBJ1	442.15	Before	Interior Girder 2	217.0321	0.95	1	1	39.90442
HL93_str_opr	BOBJ1	442.15	Before	Right Exterior Girder	217.0321	0.95	1	1	48.818745
HL93_str_opr	BOBJ1	442.15	After	Left Exterior Girder	217.0321	0.95	1	1	30.846693
HL93_str_opr	BOBJ1	442.15	After	Interior Girder 1	217.0321	0.95	1	1	25.07735
HL93_str_opr	BOBJ1	442.15	After	Interior Girder 2	217.0321	0.95	1	1	25.077349
HL93_str_opr	BOBJ1	442.15	After	Right Exterior Girder	217.0321	0.95	1	1	30.846695
HL93_str_opr	BOBJ1	453.6	Before	Left Exterior Girder	228.6	0.95	1	1	29.146702
HL93_str_opr	BOBJ1	453.6	Before	Interior Girder 1	228.6	0.95	1	1	23.196975
HL93_str_opr	BOBJ1	453.6	Before	Interior Girder 2	228.6	0.95	1	1	23.196974
HL93_str_opr	BOBJ1	453.6	Before	Right Exterior Girder	228.6	0.95	1	1	29.146704

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Main Span Girders									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
HL93_str_opr	BOBJ1	453.6	After	Left Exterior Girder	228.6	0.95	1	1	27.316638
HL93_str_opr	BOBJ1	453.6	After	Interior Girder 1	228.6	0.95	1	1	24.135179
HL93_str_opr	BOBJ1	453.6	After	Interior Girder 2	228.6	0.95	1	1	24.135178
HL93_str_opr	BOBJ1	453.6	After	Right Exterior Girder	228.6	0.95	1	1	27.316639
HL93_str_opr	BOBJ1	463.0439	Before	Left Exterior Girder	238.0439	0.95	1	1	27.121574
HL93_str_opr	BOBJ1	463.0439	Before	Interior Girder 1	238.0439	0.95	1	1	23.946421
HL93_str_opr	BOBJ1	463.0439	Before	Interior Girder 2	238.0439	0.95	1	1	23.946421
HL93_str_opr	BOBJ1	463.0439	Before	Right Exterior Girder	238.0439	0.95	1	1	27.121574
HL93_str_opr	BOBJ1	463.0439	After	Left Exterior Girder	238.0439	0.95	1	1	14.965899
HL93_str_opr	BOBJ1	463.0439	After	Interior Girder 1	238.0439	0.95	1	1	13.120778
HL93_str_opr	BOBJ1	463.0439	After	Interior Girder 2	238.0439	0.95	1	1	13.120778
HL93_str_opr	BOBJ1	463.0439	After	Right Exterior Girder	238.0439	0.95	1	1	14.965899
HL93_str_opr	BOBJ1	465	Before	Left Exterior Girder	240	0.95	1	1	14.936415
HL93_str_opr	BOBJ1	465	Before	Interior Girder 1	240	0.95	1	1	13.092002
HL93_str_opr	BOBJ1	465	Before	Interior Girder 2	240	0.95	1	1	13.092002
HL93_str_opr	BOBJ1	465	Before	Right Exterior Girder	240	0.95	1	1	14.936415
HL93_str_opr	BOBJ1	465	After	Left Exterior Girder	240	0.95	1	1	15.122358
HL93_str_opr	BOBJ1	465	After	Interior Girder 1	240	0.95	1	1	12.810169
HL93_str_opr	BOBJ1	465	After	Interior Girder 2	240	0.95	1	1	12.810169
HL93_str_opr	BOBJ1	465	After	Right Exterior Girder	240	0.95	1	1	15.122359
HL93_str_opr	BOBJ1	476.4	Before	Left Exterior Girder	251.4	0.95	1	1	14.29515
HL93_str_opr	BOBJ1	476.4	Before	Interior Girder 1	251.4	0.95	1	1	11.854077
HL93_str_opr	BOBJ1	476.4	Before	Interior Girder 2	251.4	0.95	1	1	11.854077
HL93_str_opr	BOBJ1	476.4	Before	Right Exterior Girder	251.4	0.95	1	1	14.29515
HL93_str_opr	BOBJ1	476.4	After	Left Exterior Girder	251.4	0.95	1	1	13.60375
HL93_str_opr	BOBJ1	476.4	After	Interior Girder 1	251.4	0.95	1	1	12.101435
HL93_str_opr	BOBJ1	476.4	After	Interior Girder 2	251.4	0.95	1	1	12.101436
HL93_str_opr	BOBJ1	476.4	After	Right Exterior Girder	251.4	0.95	1	1	13.60375
HL93_str_opr	BOBJ1	487.85	Before	Left Exterior Girder	262.85	0.95	1	1	12.972852
HL93_str_opr	BOBJ1	487.85	Before	Interior Girder 1	262.85	0.95	1	1	11.186697
HL93_str_opr	BOBJ1	487.85	Before	Interior Girder 2	262.85	0.95	1	1	11.186698
HL93_str_opr	BOBJ1	487.85	Before	Right Exterior Girder	262.85	0.95	1	1	12.972852
HL93_str_opr	BOBJ1	487.85	After	Left Exterior Girder	262.85	0.95	1	1	12.565617
HL93_str_opr	BOBJ1	487.85	After	Interior Girder 1	262.85	0.95	1	1	10.575494
HL93_str_opr	BOBJ1	487.85	After	Interior Girder 2	262.85	0.95	1	1	10.575495
HL93_str_opr	BOBJ1	487.85	After	Right Exterior Girder	262.85	0.95	1	1	12.565617
HL93_str_opr	BOBJ1	496.3126	Before	Left Exterior Girder	271.3126	0.95	1	1	12.45419
HL93_str_opr	BOBJ1	496.3126	Before	Interior Girder 1	271.3126	0.95	1	1	10.470414
HL93_str_opr	BOBJ1	496.3126	Before	Interior Girder 2	271.3126	0.95	1	1	10.470415
HL93_str_opr	BOBJ1	496.3126	Before	Right Exterior Girder	271.3126	0.95	1	1	12.45419
HL93_str_opr	BOBJ1	496.3126	After	Left Exterior Girder	271.3126	0.95	1	1	18.919249
HL93_str_opr	BOBJ1	496.3126	After	Interior Girder 1	271.3126	0.95	1	1	15.305691
HL93_str_opr	BOBJ1	496.3126	After	Interior Girder 2	271.3126	0.95	1	1	15.305692
HL93_str_opr	BOBJ1	496.3126	After	Right Exterior Girder	271.3126	0.95	1	1	18.919249
HL93_str_opr	BOBJ1	499.3	Before	Left Exterior Girder	274.3	0.95	1	1	18.872592
HL93_str_opr	BOBJ1	499.3	Before	Interior Girder 1	274.3	0.95	1	1	15.264282
HL93_str_opr	BOBJ1	499.3	Before	Interior Girder 2	274.3	0.95	1	1	15.264283
HL93_str_opr	BOBJ1	499.3	Before	Right Exterior Girder	274.3	0.95	1	1	18.872592
HL93_str_opr	BOBJ1	499.3	After	Left Exterior Girder	274.3	0.95	1	1	18.462406
HL93_str_opr	BOBJ1	499.3	After	Interior Girder 1	274.3	0.95	1	1	15.379568
HL93_str_opr	BOBJ1	499.3	After	Interior Girder 2	274.3	0.95	1	1	15.379569
HL93_str_opr	BOBJ1	499.3	After	Right Exterior Girder	274.3	0.95	1	1	18.462405
HL93_str_opr	BOBJ1	503.8969	Before	Left Exterior Girder	278.8969	0.95	1	1	18.392038
HL93_str_opr	BOBJ1	503.8969	Before	Interior Girder 1	278.8969	0.95	1	1	15.315168
HL93_str_opr	BOBJ1	503.8969	Before	Interior Girder 2	278.8969	0.95	1	1	15.315168
HL93_str_opr	BOBJ1	503.8969	Before	Right Exterior Girder	278.8969	0.95	1	1	18.392037
HL93_str_opr	BOBJ1	503.8969	After	Left Exterior Girder	278.8969	0.95	1	1	29.049755
HL93_str_opr	BOBJ1	503.8969	After	Interior Girder 1	278.8969	0.95	1	1	23.564386
HL93_str_opr	BOBJ1	503.8969	After	Interior Girder 2	278.8969	0.95	1	1	23.564387
HL93_str_opr	BOBJ1	503.8969	After	Right Exterior Girder	278.8969	0.95	1	1	29.049754
HL93_str_opr	BOBJ1	510.7	Before	Left Exterior Girder	285.7	0.95	1	1	28.920045
HL93_str_opr	BOBJ1	510.7	Before	Interior Girder 1	285.7	0.95	1	1	23.45093
HL93_str_opr	BOBJ1	510.7	Before	Interior Girder 2	285.7	0.95	1	1	23.450931
HL93_str_opr	BOBJ1	510.7	Before	Right Exterior Girder	285.7	0.95	1	1	28.920044
HL93_str_opr	BOBJ1	510.7	After	Left Exterior Girder	285.7	0.95	1	1	26.882568
HL93_str_opr	BOBJ1	510.7	After	Interior Girder 1	285.7	0.95	1	1	21.749209
HL93_str_opr	BOBJ1	510.7	After	Interior Girder 2	285.7	0.95	1	1	21.749209
HL93_str_opr	BOBJ1	510.7	After	Right Exterior Girder	285.7	0.95	1	1	26.882567

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Main Span Girders									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
HL93_str_opr	BOBJ1	511.4811	Before	Left Exterior Girder	286.4811	0.95	1	1	26.868666
HL93_str_opr	BOBJ1	511.4811	Before	Interior Girder 1	286.4811	0.95	1	1	21.737157
HL93_str_opr	BOBJ1	511.4811	Before	Interior Girder 2	286.4811	0.95	1	1	21.737158
HL93_str_opr	BOBJ1	511.4811	Before	Right Exterior Girder	286.4811	0.95	1	1	26.868664
HL93_str_opr	BOBJ1	511.4811	After	Left Exterior Girder	286.4811	0.95	1	1	37.139849
HL93_str_opr	BOBJ1	511.4811	After	Interior Girder 1	286.4811	0.95	1	1	28.913264
HL93_str_opr	BOBJ1	511.4811	After	Interior Girder 2	286.4811	0.95	1	1	28.913265
HL93_str_opr	BOBJ1	511.4811	After	Right Exterior Girder	286.4811	0.95	1	1	37.139848
HL93_str_opr	BOBJ1	522.1	Before	Left Exterior Girder	297.1	0.95	1	1	36.907779
HL93_str_opr	BOBJ1	522.1	Before	Interior Girder 1	297.1	0.95	1	1	28.72058
HL93_str_opr	BOBJ1	522.1	Before	Interior Girder 2	297.1	0.95	1	1	28.720581
HL93_str_opr	BOBJ1	522.1	Before	Right Exterior Girder	297.1	0.95	1	1	36.907777
HL93_str_opr	BOBJ1	522.1	After	Left Exterior Girder	297.1	0.95	1	1	35.176981
HL93_str_opr	BOBJ1	522.1	After	Interior Girder 1	297.1	0.95	1	1	26.432615
HL93_str_opr	BOBJ1	522.1	After	Interior Girder 2	297.1	0.95	1	1	26.432616
HL93_str_opr	BOBJ1	522.1	After	Right Exterior Girder	297.1	0.95	1	1	35.17698
HL93_str_opr	BOBJ1	530.4918	Before	Left Exterior Girder	305.4918	0.95	1	1	35.001784
HL93_str_opr	BOBJ1	530.4918	Before	Interior Girder 1	305.4918	0.95	1	1	26.292191
HL93_str_opr	BOBJ1	530.4918	Before	Interior Girder 2	305.4918	0.95	1	1	26.292191
HL93_str_opr	BOBJ1	530.4918	Before	Right Exterior Girder	305.4918	0.95	1	1	35.001783
HL93_str_opr	BOBJ1	530.4918	After	Left Exterior Girder	305.4918	0.95	1	1	42.568671
HL93_str_opr	BOBJ1	530.4918	After	Interior Girder 1	305.4918	0.95	1	1	30.775125
HL93_str_opr	BOBJ1	530.4918	After	Interior Girder 2	305.4918	0.95	1	1	30.775125
HL93_str_opr	BOBJ1	530.4918	After	Right Exterior Girder	305.4918	0.95	1	1	42.56867
HL93_str_opr	BOBJ1	533.55	Before	Left Exterior Girder	308.55	0.95	1	1	42.49692
HL93_str_opr	BOBJ1	533.55	Before	Interior Girder 1	308.55	0.95	1	1	30.720261
HL93_str_opr	BOBJ1	533.55	Before	Interior Girder 2	308.55	0.95	1	1	30.720262
HL93_str_opr	BOBJ1	533.55	Before	Right Exterior Girder	308.55	0.95	1	1	42.496919
HL93_str_opr	BOBJ1	533.55	After	Left Exterior Girder	308.55	0.95	1	1	42.126534
HL93_str_opr	BOBJ1	533.55	After	Interior Girder 1	308.55	0.95	1	1	30.048501
HL93_str_opr	BOBJ1	533.55	After	Interior Girder 2	308.55	0.95	1	1	30.048501
HL93_str_opr	BOBJ1	533.55	After	Right Exterior Girder	308.55	0.95	1	1	42.126533
HL93_str_opr	BOBJ1	545	Before	Left Exterior Girder	320	0.95	1	1	40.903947
HL93_str_opr	BOBJ1	545	Before	Interior Girder 1	320	0.95	1	1	28.187599
HL93_str_opr	BOBJ1	545	Before	Interior Girder 2	320	0.95	1	1	28.187599
HL93_str_opr	BOBJ1	545	Before	Right Exterior Girder	320	0.95	1	1	40.903946
HL93_str_opr	BOBJ1	545	After	Left Exterior Girder	0	0.95	1	1	46.108782
HL93_str_opr	BOBJ1	545	After	Interior Girder 1	0	0.95	1	1	30.693629
HL93_str_opr	BOBJ1	545	After	Interior Girder 2	0	0.95	1	1	30.693629
HL93_str_opr	BOBJ1	545	After	Right Exterior Girder	0	0.95	1	1	46.108781
HL93_str_opr	BOBJ1	556.25	Before	Left Exterior Girder	11.25	0.95	1	1	46.394163
HL93_str_opr	BOBJ1	556.25	Before	Interior Girder 1	11.25	0.95	1	1	30.894782
HL93_str_opr	BOBJ1	556.25	Before	Interior Girder 2	11.25	0.95	1	1	30.894782
HL93_str_opr	BOBJ1	556.25	Before	Right Exterior Girder	11.25	0.95	1	1	46.394162
HL93_str_opr	BOBJ1	556.25	After	Left Exterior Girder	11.25	0.95	1	1	47.172402
HL93_str_opr	BOBJ1	556.25	After	Interior Girder 1	11.25	0.95	1	1	32.250798
HL93_str_opr	BOBJ1	556.25	After	Interior Girder 2	11.25	0.95	1	1	32.250798
HL93_str_opr	BOBJ1	556.25	After	Right Exterior Girder	11.25	0.95	1	1	47.172401
HL93_str_opr	BOBJ1	559.4358	Before	Left Exterior Girder	14.4358	0.95	1	1	47.254507
HL93_str_opr	BOBJ1	559.4358	Before	Interior Girder 1	14.4358	0.95	1	1	32.310202
HL93_str_opr	BOBJ1	559.4358	Before	Interior Girder 2	14.4358	0.95	1	1	32.310202
HL93_str_opr	BOBJ1	559.4358	Before	Right Exterior Girder	14.4358	0.95	1	1	47.254506
HL93_str_opr	BOBJ1	559.4358	After	Left Exterior Girder	14.4358	0.95	1	1	39.060408
HL93_str_opr	BOBJ1	559.4358	After	Interior Girder 1	14.4358	0.95	1	1	27.724855
HL93_str_opr	BOBJ1	559.4358	After	Interior Girder 2	14.4358	0.95	1	1	27.724855
HL93_str_opr	BOBJ1	559.4358	After	Right Exterior Girder	14.4358	0.95	1	1	39.060408
HL93_str_opr	BOBJ1	567.5	Before	Left Exterior Girder	22.5	0.95	1	1	39.245848
HL93_str_opr	BOBJ1	567.5	Before	Interior Girder 1	22.5	0.95	1	1	27.865365
HL93_str_opr	BOBJ1	567.5	Before	Interior Girder 2	22.5	0.95	1	1	27.865365
HL93_str_opr	BOBJ1	567.5	Before	Right Exterior Girder	22.5	0.95	1	1	39.245847
HL93_str_opr	BOBJ1	567.5	After	Left Exterior Girder	22.5	0.95	1	1	39.603938
HL93_str_opr	BOBJ1	567.5	After	Interior Girder 1	22.5	0.95	1	1	28.216501
HL93_str_opr	BOBJ1	567.5	After	Interior Girder 2	22.5	0.95	1	1	28.216501
HL93_str_opr	BOBJ1	567.5	After	Right Exterior Girder	22.5	0.95	1	1	39.603938
HL93_str_opr	BOBJ1	570.0586	Before	Left Exterior Girder	25.0586	0.95	1	1	39.663251
HL93_str_opr	BOBJ1	570.0586	Before	Interior Girder 1	25.0586	0.95	1	1	28.261562
HL93_str_opr	BOBJ1	570.0586	Before	Interior Girder 2	25.0586	0.95	1	1	28.261562
HL93_str_opr	BOBJ1	570.0586	Before	Right Exterior Girder	25.0586	0.95	1	1	39.663251

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Main Span Girders									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
HL93_str_opr	BOBJ1	570.0586	After	Left Exterior Girder	25.0586	0.95	1	1	31.129224
HL93_str_opr	BOBJ1	570.0586	After	Interior Girder 1	25.0586	0.95	1	1	23.117876
HL93_str_opr	BOBJ1	570.0586	After	Interior Girder 2	25.0586	0.95	1	1	23.117876
HL93_str_opr	BOBJ1	570.0586	After	Right Exterior Girder	25.0586	0.95	1	1	31.129223
HL93_str_opr	BOBJ1	578.75	Before	Left Exterior Girder	33.75	0.95	1	1	31.306138
HL93_str_opr	BOBJ1	578.75	Before	Interior Girder 1	33.75	0.95	1	1	23.259702
HL93_str_opr	BOBJ1	578.75	Before	Interior Girder 2	33.75	0.95	1	1	23.259702
HL93_str_opr	BOBJ1	578.75	Before	Right Exterior Girder	33.75	0.95	1	1	31.306138
HL93_str_opr	BOBJ1	578.75	After	Left Exterior Girder	33.75	0.95	1	1	32.564897
HL93_str_opr	BOBJ1	578.75	After	Interior Girder 1	33.75	0.95	1	1	25.268006
HL93_str_opr	BOBJ1	578.75	After	Interior Girder 2	33.75	0.95	1	1	25.268006
HL93_str_opr	BOBJ1	578.75	After	Right Exterior Girder	33.75	0.95	1	1	32.564897
HL93_str_opr	BOBJ1	586.8142	Before	Left Exterior Girder	41.8142	0.95	1	1	32.735322
HL93_str_opr	BOBJ1	586.8142	Before	Interior Girder 1	41.8142	0.95	1	1	25.410717
HL93_str_opr	BOBJ1	586.8142	Before	Interior Girder 2	41.8142	0.95	1	1	25.410717
HL93_str_opr	BOBJ1	586.8142	Before	Right Exterior Girder	41.8142	0.95	1	1	32.735322
HL93_str_opr	BOBJ1	586.8142	After	Left Exterior Girder	41.8142	0.95	1	1	20.767009
HL93_str_opr	BOBJ1	586.8142	After	Interior Girder 1	41.8142	0.95	1	1	16.502029
HL93_str_opr	BOBJ1	586.8142	After	Interior Girder 2	41.8142	0.95	1	1	16.502029
HL93_str_opr	BOBJ1	586.8142	After	Right Exterior Girder	41.8142	0.95	1	1	20.767008
HL93_str_opr	BOBJ1	590	Before	Left Exterior Girder	45	0.95	1	1	20.820668
HL93_str_opr	BOBJ1	590	Before	Interior Girder 1	45	0.95	1	1	16.548871
HL93_str_opr	BOBJ1	590	Before	Interior Girder 2	45	0.95	1	1	16.548871
HL93_str_opr	BOBJ1	590	Before	Right Exterior Girder	45	0.95	1	1	20.820668
HL93_str_opr	BOBJ1	590	After	Left Exterior Girder	45	0.95	1	1	22.408994
HL93_str_opr	BOBJ1	590	After	Interior Girder 1	45	0.95	1	1	17.840316
HL93_str_opr	BOBJ1	590	After	Interior Girder 2	45	0.95	1	1	17.840316
HL93_str_opr	BOBJ1	590	After	Right Exterior Girder	45	0.95	1	1	22.408994
HL93_str_opr	BOBJ1	601.25	Before	Left Exterior Girder	56.25	0.95	1	1	22.612003
HL93_str_opr	BOBJ1	601.25	Before	Interior Girder 1	56.25	0.95	1	1	18.018189
HL93_str_opr	BOBJ1	601.25	Before	Interior Girder 2	56.25	0.95	1	1	18.018189
HL93_str_opr	BOBJ1	601.25	Before	Right Exterior Girder	56.25	0.95	1	1	22.612003
HL93_str_opr	BOBJ1	601.25	After	Left Exterior Girder	56.25	0.95	1	1	21.832541
HL93_str_opr	BOBJ1	601.25	After	Interior Girder 1	56.25	0.95	1	1	19.342056
HL93_str_opr	BOBJ1	601.25	After	Interior Girder 2	56.25	0.95	1	1	19.342056
HL93_str_opr	BOBJ1	601.25	After	Right Exterior Girder	56.25	0.95	1	1	21.83254
HL93_str_opr	BOBJ1	601.7478	Before	Left Exterior Girder	56.7478	0.95	1	1	21.841251
HL93_str_opr	BOBJ1	601.7478	Before	Interior Girder 1	56.7478	0.95	1	1	19.350437
HL93_str_opr	BOBJ1	601.7478	Before	Interior Girder 2	56.7478	0.95	1	1	19.350437
HL93_str_opr	BOBJ1	601.7478	Before	Right Exterior Girder	56.7478	0.95	1	1	21.841251
HL93_str_opr	BOBJ1	601.7478	After	Left Exterior Girder	56.7478	0.95	1	1	15.613913
HL93_str_opr	BOBJ1	601.7478	After	Interior Girder 1	56.7478	0.95	1	1	13.154001
HL93_str_opr	BOBJ1	601.7478	After	Interior Girder 2	56.7478	0.95	1	1	13.154001
HL93_str_opr	BOBJ1	601.7478	After	Right Exterior Girder	56.7478	0.95	1	1	15.613912
HL93_str_opr	BOBJ1	612.5	Before	Left Exterior Girder	67.5	0.95	1	1	15.781838
HL93_str_opr	BOBJ1	612.5	Before	Interior Girder 1	67.5	0.95	1	1	13.312891
HL93_str_opr	BOBJ1	612.5	Before	Interior Girder 2	67.5	0.95	1	1	13.312891
HL93_str_opr	BOBJ1	612.5	Before	Right Exterior Girder	67.5	0.95	1	1	15.781838
HL93_str_opr	BOBJ1	612.5	After	Left Exterior Girder	67.5	0.95	1	1	17.409674
HL93_str_opr	BOBJ1	612.5	After	Interior Girder 1	67.5	0.95	1	1	14.000448
HL93_str_opr	BOBJ1	612.5	After	Interior Girder 2	67.5	0.95	1	1	14.000448
HL93_str_opr	BOBJ1	612.5	After	Right Exterior Girder	67.5	0.95	1	1	17.409674
HL93_str_opr	BOBJ1	623.75	Before	Left Exterior Girder	78.75	0.95	1	1	17.601992
HL93_str_opr	BOBJ1	623.75	Before	Interior Girder 1	78.75	0.95	1	1	14.174151
HL93_str_opr	BOBJ1	623.75	Before	Interior Girder 2	78.75	0.95	1	1	14.174151
HL93_str_opr	BOBJ1	623.75	Before	Right Exterior Girder	78.75	0.95	1	1	17.601992
HL93_str_opr	BOBJ1	623.75	After	Left Exterior Girder	78.75	0.95	1	1	19.239987
HL93_str_opr	BOBJ1	623.75	After	Interior Girder 1	78.75	0.95	1	1	16.069234
HL93_str_opr	BOBJ1	623.75	After	Interior Girder 2	78.75	0.95	1	1	16.069234
HL93_str_opr	BOBJ1	623.75	After	Right Exterior Girder	78.75	0.95	1	1	19.239987
HL93_str_opr	BOBJ1	635	Before	Left Exterior Girder	90	0.95	1	1	19.448959
HL93_str_opr	BOBJ1	635	Before	Interior Girder 1	90	0.95	1	1	16.265224
HL93_str_opr	BOBJ1	635	Before	Interior Girder 2	90	0.95	1	1	16.265224
HL93_str_opr	BOBJ1	635	Before	Right Exterior Girder	90	0.95	1	1	19.44896
HL93_str_opr	BOBJ1	635	After	Left Exterior Girder	90	0.95	1	1	21.512879
HL93_str_opr	BOBJ1	635	After	Interior Girder 1	90	0.95	1	1	16.055346
HL93_str_opr	BOBJ1	635	After	Interior Girder 2	90	0.95	1	1	16.055345
HL93_str_opr	BOBJ1	635	After	Right Exterior Girder	90	0.95	1	1	21.51288

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Main Span Girders									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
HL93_str_opr	BOBJ1	643.5619	Before	Left Exterior Girder	98.5619	0.95	1	1	21.687552
HL93_str_opr	BOBJ1	643.5619	Before	Interior Girder 1	98.5619	0.95	1	1	16.201777
HL93_str_opr	BOBJ1	643.5619	Before	Interior Girder 2	98.5619	0.95	1	1	16.201776
HL93_str_opr	BOBJ1	643.5619	Before	Right Exterior Girder	98.5619	0.95	1	1	21.687553
HL93_str_opr	BOBJ1	643.5619	After	Left Exterior Girder	98.5619	0.95	1	1	36.694587
HL93_str_opr	BOBJ1	643.5619	After	Interior Girder 1	98.5619	0.95	1	1	27.530298
HL93_str_opr	BOBJ1	643.5619	After	Interior Girder 2	98.5619	0.95	1	1	27.530297
HL93_str_opr	BOBJ1	643.5619	After	Right Exterior Girder	98.5619	0.95	1	1	36.694588
HL93_str_opr	BOBJ1	646.25	Before	Left Exterior Girder	101.25	0.95	1	1	36.764522
HL93_str_opr	BOBJ1	646.25	Before	Interior Girder 1	101.25	0.95	1	1	27.587908
HL93_str_opr	BOBJ1	646.25	Before	Interior Girder 2	101.25	0.95	1	1	27.587907
HL93_str_opr	BOBJ1	646.25	Before	Right Exterior Girder	101.25	0.95	1	1	36.764523
HL93_str_opr	BOBJ1	646.25	After	Left Exterior Girder	101.25	0.95	1	1	40.777821
HL93_str_opr	BOBJ1	646.25	After	Interior Girder 1	101.25	0.95	1	1	31.463379
HL93_str_opr	BOBJ1	646.25	After	Interior Girder 2	101.25	0.95	1	1	31.463377
HL93_str_opr	BOBJ1	646.25	After	Right Exterior Girder	101.25	0.95	1	1	40.777821
HL93_str_opr	BOBJ1	657.5	Before	Left Exterior Girder	112.5	0.95	1	1	41.101567
HL93_str_opr	BOBJ1	657.5	Before	Interior Girder 1	112.5	0.95	1	1	31.738071
HL93_str_opr	BOBJ1	657.5	Before	Interior Girder 2	112.5	0.95	1	1	31.738069
HL93_str_opr	BOBJ1	657.5	Before	Right Exterior Girder	112.5	0.95	1	1	41.101568
HL93_str_opr	BOBJ1	657.5	After	Left Exterior Girder	112.5	0.95	1	1	47.528332
HL93_str_opr	BOBJ1	657.5	After	Interior Girder 1	112.5	0.95	1	1	32.040939
HL93_str_opr	BOBJ1	657.5	After	Interior Girder 2	112.5	0.95	1	1	32.040942
HL93_str_opr	BOBJ1	657.5	After	Right Exterior Girder	112.5	0.95	1	1	47.528329
HL93_str_opr	BOBJ1	668.75	Before	Left Exterior Girder	123.75	0.95	1	1	47.900923
HL93_str_opr	BOBJ1	668.75	Before	Interior Girder 1	123.75	0.95	1	1	32.317279
HL93_str_opr	BOBJ1	668.75	Before	Interior Girder 2	123.75	0.95	1	1	32.317283
HL93_str_opr	BOBJ1	668.75	Before	Right Exterior Girder	123.75	0.95	1	1	47.90092
HL93_str_opr	BOBJ1	668.75	After	Left Exterior Girder	123.75	0.95	1	1	54.646572
HL93_str_opr	BOBJ1	668.75	After	Interior Girder 1	123.75	0.95	1	1	37.157059
HL93_str_opr	BOBJ1	668.75	After	Interior Girder 2	123.75	0.95	1	1	37.157064
HL93_str_opr	BOBJ1	668.75	After	Right Exterior Girder	123.75	0.95	1	1	54.646566
HL93_str_opr	BOBJ1	680	Before	Left Exterior Girder	135	0.95	1	1	55.070184
HL93_str_opr	BOBJ1	680	Before	Interior Girder 1	135	0.95	1	1	37.473924
HL93_str_opr	BOBJ1	680	Before	Interior Girder 2	135	0.95	1	1	37.473928
HL93_str_opr	BOBJ1	680	Before	Right Exterior Girder	135	0.95	1	1	55.070178
HL93_str_opr	BOBJ1	680	After	Left Exterior Girder	135	0.95	1	1	65.942934
HL93_str_opr	BOBJ1	680	After	Interior Girder 1	135	0.95	1	1	37.704783
HL93_str_opr	BOBJ1	680	After	Interior Girder 2	135	0.95	1	1	37.704782
HL93_str_opr	BOBJ1	680	After	Right Exterior Girder	135	0.95	1	1	65.942938
HL93_str_opr	BOBJ1	691.25	Before	Left Exterior Girder	146.25	0.95	1	1	66.447804
HL93_str_opr	BOBJ1	691.25	Before	Interior Girder 1	146.25	0.95	1	1	38.022522
HL93_str_opr	BOBJ1	691.25	Before	Interior Girder 2	146.25	0.95	1	1	38.022521
HL93_str_opr	BOBJ1	691.25	Before	Right Exterior Girder	146.25	0.95	1	1	66.447808
HL93_str_opr	BOBJ1	691.25	After	Left Exterior Girder	146.25	0.95	1	1	58.561409
HL93_str_opr	BOBJ1	691.25	After	Interior Girder 1	146.25	0.95	1	1	38.262298
HL93_str_opr	BOBJ1	691.25	After	Interior Girder 2	146.25	0.95	1	1	38.2623
HL93_str_opr	BOBJ1	691.25	After	Right Exterior Girder	146.25	0.95	1	1	58.561408
HL93_str_opr	BOBJ1	702.5	Before	Left Exterior Girder	157.5	0.95	1	1	58.122139
HL93_str_opr	BOBJ1	702.5	Before	Interior Girder 1	157.5	0.95	1	1	37.94648
HL93_str_opr	BOBJ1	702.5	Before	Interior Girder 2	157.5	0.95	1	1	37.946482
HL93_str_opr	BOBJ1	702.5	Before	Right Exterior Girder	157.5	0.95	1	1	58.122138
HL93_str_opr	BOBJ1	702.5	After	Left Exterior Girder	157.5	0.95	1	1	48.862983
HL93_str_opr	BOBJ1	702.5	After	Interior Girder 1	157.5	0.95	1	1	37.954027
HL93_str_opr	BOBJ1	702.5	After	Interior Girder 2	157.5	0.95	1	1	37.954029
HL93_str_opr	BOBJ1	702.5	After	Right Exterior Girder	157.5	0.95	1	1	48.862979
HL93_str_opr	BOBJ1	713.75	Before	Left Exterior Girder	168.75	0.95	1	1	48.491969
HL93_str_opr	BOBJ1	713.75	Before	Interior Girder 1	168.75	0.95	1	1	37.637094
HL93_str_opr	BOBJ1	713.75	Before	Interior Girder 2	168.75	0.95	1	1	37.637096
HL93_str_opr	BOBJ1	713.75	Before	Right Exterior Girder	168.75	0.95	1	1	48.491965
HL93_str_opr	BOBJ1	713.75	After	Left Exterior Girder	168.75	0.95	1	1	42.703621
HL93_str_opr	BOBJ1	713.75	After	Interior Girder 1	168.75	0.95	1	1	32.543821
HL93_str_opr	BOBJ1	713.75	After	Interior Girder 2	168.75	0.95	1	1	32.543821
HL93_str_opr	BOBJ1	713.75	After	Right Exterior Girder	168.75	0.95	1	1	42.70362
HL93_str_opr	BOBJ1	725	Before	Left Exterior Girder	180	0.95	1	1	42.375787
HL93_str_opr	BOBJ1	725	Before	Interior Girder 1	180	0.95	1	1	32.269046
HL93_str_opr	BOBJ1	725	Before	Interior Girder 2	180	0.95	1	1	32.269046
HL93_str_opr	BOBJ1	725	Before	Right Exterior Girder	180	0.95	1	1	42.375786

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Main Span Girders									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
HL93_str_opr	BOBJ1	725	After	Left Exterior Girder	180	0.95	1	1	36.68248
HL93_str_opr	BOBJ1	725	After	Interior Girder 1	180	0.95	1	1	31.291581
HL93_str_opr	BOBJ1	725	After	Interior Girder 2	180	0.95	1	1	31.291579
HL93_str_opr	BOBJ1	725	After	Right Exterior Girder	180	0.95	1	1	36.682484
HL93_str_opr	BOBJ1	731.1726	Before	Left Exterior Girder	186.1726	0.95	1	1	36.526145
HL93_str_opr	BOBJ1	731.1726	Before	Interior Girder 1	186.1726	0.95	1	1	31.145007
HL93_str_opr	BOBJ1	731.1726	Before	Interior Girder 2	186.1726	0.95	1	1	31.145006
HL93_str_opr	BOBJ1	731.1726	Before	Right Exterior Girder	186.1726	0.95	1	1	36.526149
HL93_str_opr	BOBJ1	731.1726	After	Left Exterior Girder	186.1726	0.95	1	1	21.203039
HL93_str_opr	BOBJ1	731.1726	After	Interior Girder 1	186.1726	0.95	1	1	17.739448
HL93_str_opr	BOBJ1	731.1726	After	Interior Girder 2	186.1726	0.95	1	1	17.739447
HL93_str_opr	BOBJ1	731.1726	After	Right Exterior Girder	186.1726	0.95	1	1	21.203041
HL93_str_opr	BOBJ1	736.25	Before	Left Exterior Girder	191.25	0.95	1	1	21.105282
HL93_str_opr	BOBJ1	736.25	Before	Interior Girder 1	191.25	0.95	1	1	17.647666
HL93_str_opr	BOBJ1	736.25	Before	Interior Girder 2	191.25	0.95	1	1	17.647665
HL93_str_opr	BOBJ1	736.25	Before	Right Exterior Girder	191.25	0.95	1	1	21.105284
HL93_str_opr	BOBJ1	736.25	After	Left Exterior Girder	191.25	0.95	1	1	20.094275
HL93_str_opr	BOBJ1	736.25	After	Interior Girder 1	191.25	0.95	1	1	16.41404
HL93_str_opr	BOBJ1	736.25	After	Interior Girder 2	191.25	0.95	1	1	16.41404
HL93_str_opr	BOBJ1	736.25	After	Right Exterior Girder	191.25	0.95	1	1	20.094275
HL93_str_opr	BOBJ1	747.5	Before	Left Exterior Girder	202.5	0.95	1	1	19.887298
HL93_str_opr	BOBJ1	747.5	Before	Interior Girder 1	202.5	0.95	1	1	16.22422
HL93_str_opr	BOBJ1	747.5	Before	Interior Girder 2	202.5	0.95	1	1	16.22422
HL93_str_opr	BOBJ1	747.5	Before	Right Exterior Girder	202.5	0.95	1	1	19.887299
HL93_str_opr	BOBJ1	747.5	After	Left Exterior Girder	202.5	0.95	1	1	17.605297
HL93_str_opr	BOBJ1	747.5	After	Interior Girder 1	202.5	0.95	1	1	14.74065
HL93_str_opr	BOBJ1	747.5	After	Interior Girder 2	202.5	0.95	1	1	14.740649
HL93_str_opr	BOBJ1	747.5	After	Right Exterior Girder	202.5	0.95	1	1	17.605297
HL93_str_opr	BOBJ1	758.75	Before	Left Exterior Girder	213.75	0.95	1	1	17.42057
HL93_str_opr	BOBJ1	758.75	Before	Interior Girder 1	213.75	0.95	1	1	14.567229
HL93_str_opr	BOBJ1	758.75	Before	Interior Girder 2	213.75	0.95	1	1	14.567228
HL93_str_opr	BOBJ1	758.75	Before	Right Exterior Girder	213.75	0.95	1	1	17.42057
HL93_str_opr	BOBJ1	758.75	After	Left Exterior Girder	213.75	0.95	1	1	15.951118
HL93_str_opr	BOBJ1	758.75	After	Interior Girder 1	213.75	0.95	1	1	12.029046
HL93_str_opr	BOBJ1	758.75	After	Interior Girder 2	213.75	0.95	1	1	12.029045
HL93_str_opr	BOBJ1	758.75	After	Right Exterior Girder	213.75	0.95	1	1	15.951119
HL93_str_opr	BOBJ1	770	Before	Left Exterior Girder	225	0.95	1	1	15.780997
HL93_str_opr	BOBJ1	770	Before	Interior Girder 1	225	0.95	1	1	11.885169
HL93_str_opr	BOBJ1	770	Before	Interior Girder 2	225	0.95	1	1	11.885168
HL93_str_opr	BOBJ1	770	Before	Right Exterior Girder	225	0.95	1	1	15.780997
HL93_str_inv	BOBJ1	0	After	Left Exterior Girder	0	0.95	1	1	12.173935
HL93_str_inv	BOBJ1	0	After	Interior Girder 1	0	0.95	1	1	9.16852
HL93_str_inv	BOBJ1	0	After	Interior Girder 2	0	0.95	1	1	9.168521
HL93_str_inv	BOBJ1	0	After	Right Exterior Girder	0	0.95	1	1	12.173934
HL93_str_inv	BOBJ1	11.25	Before	Left Exterior Girder	11.25	0.95	1	1	12.305172
HL93_str_inv	BOBJ1	11.25	Before	Interior Girder 1	11.25	0.95	1	1	9.27951
HL93_str_inv	BOBJ1	11.25	Before	Interior Girder 2	11.25	0.95	1	1	9.279511
HL93_str_inv	BOBJ1	11.25	Before	Right Exterior Girder	11.25	0.95	1	1	12.305171
HL93_str_inv	BOBJ1	11.25	After	Left Exterior Girder	11.25	0.95	1	1	13.438852
HL93_str_inv	BOBJ1	11.25	After	Interior Girder 1	11.25	0.95	1	1	11.237526
HL93_str_inv	BOBJ1	11.25	After	Interior Girder 2	11.25	0.95	1	1	11.237527
HL93_str_inv	BOBJ1	11.25	After	Right Exterior Girder	11.25	0.95	1	1	13.438852
HL93_str_inv	BOBJ1	22.5	Before	Left Exterior Girder	22.5	0.95	1	1	13.581358
HL93_str_inv	BOBJ1	22.5	Before	Interior Girder 1	22.5	0.95	1	1	11.371308
HL93_str_inv	BOBJ1	22.5	Before	Interior Girder 2	22.5	0.95	1	1	11.371309
HL93_str_inv	BOBJ1	22.5	Before	Right Exterior Girder	22.5	0.95	1	1	13.581357
HL93_str_inv	BOBJ1	22.5	After	Left Exterior Girder	22.5	0.95	1	1	15.341858
HL93_str_inv	BOBJ1	22.5	After	Interior Girder 1	22.5	0.95	1	1	12.515695
HL93_str_inv	BOBJ1	22.5	After	Interior Girder 2	22.5	0.95	1	1	12.515694
HL93_str_inv	BOBJ1	22.5	After	Right Exterior Girder	22.5	0.95	1	1	15.341858
HL93_str_inv	BOBJ1	33.75	Before	Left Exterior Girder	33.75	0.95	1	1	15.501528
HL93_str_inv	BOBJ1	33.75	Before	Interior Girder 1	33.75	0.95	1	1	12.662125
HL93_str_inv	BOBJ1	33.75	Before	Interior Girder 2	33.75	0.95	1	1	12.662125
HL93_str_inv	BOBJ1	33.75	Before	Right Exterior Girder	33.75	0.95	1	1	15.501528
HL93_str_inv	BOBJ1	33.75	After	Left Exterior Girder	33.75	0.95	1	1	16.281251
HL93_str_inv	BOBJ1	33.75	After	Interior Girder 1	33.75	0.95	1	1	13.613875
HL93_str_inv	BOBJ1	33.75	After	Interior Girder 2	33.75	0.95	1	1	13.613874
HL93_str_inv	BOBJ1	33.75	After	Right Exterior Girder	33.75	0.95	1	1	16.281252

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Main Span Girders									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
HL93_str_inv	BOBJ1	38.8274	Before	Left Exterior Girder	38.8274	0.95	1	1	16.356664
HL93_str_inv	BOBJ1	38.8274	Before	Interior Girder 1	38.8274	0.95	1	1	13.684678
HL93_str_inv	BOBJ1	38.8274	Before	Interior Girder 2	38.8274	0.95	1	1	13.684677
HL93_str_inv	BOBJ1	38.8274	Before	Right Exterior Girder	38.8274	0.95	1	1	16.356664
HL93_str_inv	BOBJ1	38.8274	After	Left Exterior Girder	38.8274	0.95	1	1	28.177359
HL93_str_inv	BOBJ1	38.8274	After	Interior Girder 1	38.8274	0.95	1	1	24.02644
HL93_str_inv	BOBJ1	38.8274	After	Interior Girder 2	38.8274	0.95	1	1	24.026439
HL93_str_inv	BOBJ1	38.8274	After	Right Exterior Girder	38.8274	0.95	1	1	28.17736
HL93_str_inv	BOBJ1	45	Before	Left Exterior Girder	45	0.95	1	1	28.29796
HL93_str_inv	BOBJ1	45	Before	Interior Girder 1	45	0.95	1	1	24.139513
HL93_str_inv	BOBJ1	45	Before	Interior Girder 2	45	0.95	1	1	24.139511
HL93_str_inv	BOBJ1	45	Before	Right Exterior Girder	45	0.95	1	1	28.297961
HL93_str_inv	BOBJ1	45	After	Left Exterior Girder	45	0.95	1	1	32.689832
HL93_str_inv	BOBJ1	45	After	Interior Girder 1	45	0.95	1	1	24.89344
HL93_str_inv	BOBJ1	45	After	Interior Girder 2	45	0.95	1	1	24.893437
HL93_str_inv	BOBJ1	45	After	Right Exterior Girder	45	0.95	1	1	32.689833
HL93_str_inv	BOBJ1	56.25	Before	Left Exterior Girder	56.25	0.95	1	1	32.942732
HL93_str_inv	BOBJ1	56.25	Before	Interior Girder 1	56.25	0.95	1	1	25.105411
HL93_str_inv	BOBJ1	56.25	Before	Interior Girder 2	56.25	0.95	1	1	25.105408
HL93_str_inv	BOBJ1	56.25	Before	Right Exterior Girder	56.25	0.95	1	1	32.942733
HL93_str_inv	BOBJ1	56.25	After	Left Exterior Girder	56.25	0.95	1	1	37.408242
HL93_str_inv	BOBJ1	56.25	After	Interior Girder 1	56.25	0.95	1	1	29.034176
HL93_str_inv	BOBJ1	56.25	After	Interior Girder 2	56.25	0.95	1	1	29.034173
HL93_str_inv	BOBJ1	56.25	After	Right Exterior Girder	56.25	0.95	1	1	37.408243
HL93_str_inv	BOBJ1	67.5	Before	Left Exterior Girder	67.5	0.95	1	1	37.694454
HL93_str_inv	BOBJ1	67.5	Before	Interior Girder 1	67.5	0.95	1	1	29.278666
HL93_str_inv	BOBJ1	67.5	Before	Interior Girder 2	67.5	0.95	1	1	29.278663
HL93_str_inv	BOBJ1	67.5	Before	Right Exterior Girder	67.5	0.95	1	1	37.694455
HL93_str_inv	BOBJ1	67.5	After	Left Exterior Girder	67.5	0.95	1	1	44.837006
HL93_str_inv	BOBJ1	67.5	After	Interior Girder 1	67.5	0.95	1	1	29.272942
HL93_str_inv	BOBJ1	67.5	After	Interior Girder 2	67.5	0.95	1	1	29.272944
HL93_str_inv	BOBJ1	67.5	After	Right Exterior Girder	67.5	0.95	1	1	44.836996
HL93_str_inv	BOBJ1	78.75	Before	Left Exterior Girder	78.75	0.95	1	1	45.175871
HL93_str_inv	BOBJ1	78.75	Before	Interior Girder 1	78.75	0.95	1	1	29.516572
HL93_str_inv	BOBJ1	78.75	Before	Interior Girder 2	78.75	0.95	1	1	29.516574
HL93_str_inv	BOBJ1	78.75	Before	Right Exterior Girder	78.75	0.95	1	1	45.17586
HL93_str_inv	BOBJ1	78.75	After	Left Exterior Girder	78.75	0.95	1	1	51.259519
HL93_str_inv	BOBJ1	78.75	After	Interior Girder 1	78.75	0.95	1	1	29.331955
HL93_str_inv	BOBJ1	78.75	After	Interior Girder 2	78.75	0.95	1	1	29.331953
HL93_str_inv	BOBJ1	78.75	After	Right Exterior Girder	78.75	0.95	1	1	51.25953
HL93_str_inv	BOBJ1	90	Before	Left Exterior Girder	90	0.95	1	1	50.87005
HL93_str_inv	BOBJ1	90	Before	Interior Girder 1	90	0.95	1	1	29.086839
HL93_str_inv	BOBJ1	90	Before	Interior Girder 2	90	0.95	1	1	29.086837
HL93_str_inv	BOBJ1	90	Before	Right Exterior Girder	90	0.95	1	1	50.870061
HL93_str_inv	BOBJ1	90	After	Left Exterior Girder	90	0.95	1	1	42.482735
HL93_str_inv	BOBJ1	90	After	Interior Girder 1	90	0.95	1	1	28.908501
HL93_str_inv	BOBJ1	90	After	Interior Girder 2	90	0.95	1	1	28.908496
HL93_str_inv	BOBJ1	90	After	Right Exterior Girder	90	0.95	1	1	42.482739
HL93_str_inv	BOBJ1	101.25	Before	Left Exterior Girder	101.25	0.95	1	1	42.155949
HL93_str_inv	BOBJ1	101.25	Before	Interior Girder 1	101.25	0.95	1	1	28.664062
HL93_str_inv	BOBJ1	101.25	Before	Interior Girder 2	101.25	0.95	1	1	28.664058
HL93_str_inv	BOBJ1	101.25	Before	Right Exterior Girder	101.25	0.95	1	1	42.155953
HL93_str_inv	BOBJ1	101.25	After	Left Exterior Girder	101.25	0.95	1	1	36.952358
HL93_str_inv	BOBJ1	101.25	After	Interior Girder 1	101.25	0.95	1	1	24.930761
HL93_str_inv	BOBJ1	101.25	After	Interior Girder 2	101.25	0.95	1	1	24.930758
HL93_str_inv	BOBJ1	101.25	After	Right Exterior Girder	101.25	0.95	1	1	36.95236
HL93_str_inv	BOBJ1	112.5	Before	Left Exterior Girder	112.5	0.95	1	1	36.664929
HL93_str_inv	BOBJ1	112.5	Before	Interior Girder 1	112.5	0.95	1	1	24.717582
HL93_str_inv	BOBJ1	112.5	Before	Interior Girder 2	112.5	0.95	1	1	24.717579
HL93_str_inv	BOBJ1	112.5	Before	Right Exterior Girder	112.5	0.95	1	1	36.664931
HL93_str_inv	BOBJ1	112.5	After	Left Exterior Girder	112.5	0.95	1	1	31.7069
HL93_str_inv	BOBJ1	112.5	After	Interior Girder 1	112.5	0.95	1	1	24.483536
HL93_str_inv	BOBJ1	112.5	After	Interior Girder 2	112.5	0.95	1	1	24.483537
HL93_str_inv	BOBJ1	112.5	After	Right Exterior Girder	112.5	0.95	1	1	31.706899
HL93_str_inv	BOBJ1	123.75	Before	Left Exterior Girder	123.75	0.95	1	1	31.457153
HL93_str_inv	BOBJ1	123.75	Before	Interior Girder 1	123.75	0.95	1	1	24.271632
HL93_str_inv	BOBJ1	123.75	Before	Interior Girder 2	123.75	0.95	1	1	24.271632
HL93_str_inv	BOBJ1	123.75	Before	Right Exterior Girder	123.75	0.95	1	1	31.457152

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Main Span Girders									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
HL93_str_inv	BOBJ1	123.75	After	Left Exterior Girder	123.75	0.95	1	1	28.36112
HL93_str_inv	BOBJ1	123.75	After	Interior Girder 1	123.75	0.95	1	1	21.282176
HL93_str_inv	BOBJ1	123.75	After	Interior Girder 2	123.75	0.95	1	1	21.282177
HL93_str_inv	BOBJ1	123.75	After	Right Exterior Girder	123.75	0.95	1	1	28.361119
HL93_str_inv	BOBJ1	126.4381	Before	Left Exterior Girder	126.4381	0.95	1	1	28.30717
HL93_str_inv	BOBJ1	126.4381	Before	Interior Girder 1	126.4381	0.95	1	1	21.237734
HL93_str_inv	BOBJ1	126.4381	Before	Interior Girder 2	126.4381	0.95	1	1	21.237735
HL93_str_inv	BOBJ1	126.4381	Before	Right Exterior Girder	126.4381	0.95	1	1	28.307169
HL93_str_inv	BOBJ1	126.4381	After	Left Exterior Girder	126.4381	0.95	1	1	16.730376
HL93_str_inv	BOBJ1	126.4381	After	Interior Girder 1	126.4381	0.95	1	1	12.498523
HL93_str_inv	BOBJ1	126.4381	After	Interior Girder 2	126.4381	0.95	1	1	12.498524
HL93_str_inv	BOBJ1	126.4381	After	Right Exterior Girder	126.4381	0.95	1	1	16.730375
HL93_str_inv	BOBJ1	135	Before	Left Exterior Girder	135	0.95	1	1	16.595629
HL93_str_inv	BOBJ1	135	Before	Interior Girder 1	135	0.95	1	1	12.385562
HL93_str_inv	BOBJ1	135	Before	Interior Girder 2	135	0.95	1	1	12.385563
HL93_str_inv	BOBJ1	135	Before	Right Exterior Girder	135	0.95	1	1	16.595628
HL93_str_inv	BOBJ1	135	After	Left Exterior Girder	135	0.95	1	1	15.003478
HL93_str_inv	BOBJ1	135	After	Interior Girder 1	135	0.95	1	1	12.5475
HL93_str_inv	BOBJ1	135	After	Interior Girder 2	135	0.95	1	1	12.547501
HL93_str_inv	BOBJ1	135	After	Right Exterior Girder	135	0.95	1	1	15.003478
HL93_str_inv	BOBJ1	146.25	Before	Left Exterior Girder	146.25	0.95	1	1	14.842271
HL93_str_inv	BOBJ1	146.25	Before	Interior Girder 1	146.25	0.95	1	1	12.396307
HL93_str_inv	BOBJ1	146.25	Before	Interior Girder 2	146.25	0.95	1	1	12.396308
HL93_str_inv	BOBJ1	146.25	Before	Right Exterior Girder	146.25	0.95	1	1	14.842271
HL93_str_inv	BOBJ1	146.25	After	Left Exterior Girder	146.25	0.95	1	1	13.578787
HL93_str_inv	BOBJ1	146.25	After	Interior Girder 1	146.25	0.95	1	1	10.934312
HL93_str_inv	BOBJ1	146.25	After	Interior Girder 2	146.25	0.95	1	1	10.934312
HL93_str_inv	BOBJ1	146.25	After	Right Exterior Girder	146.25	0.95	1	1	13.578787
HL93_str_inv	BOBJ1	157.5	Before	Left Exterior Girder	157.5	0.95	1	1	13.430427
HL93_str_inv	BOBJ1	157.5	Before	Interior Girder 1	157.5	0.95	1	1	10.800313
HL93_str_inv	BOBJ1	157.5	Before	Interior Girder 2	157.5	0.95	1	1	10.800313
HL93_str_inv	BOBJ1	157.5	Before	Right Exterior Girder	157.5	0.95	1	1	13.430427
HL93_str_inv	BOBJ1	157.5	After	Left Exterior Girder	157.5	0.95	1	1	12.17744
HL93_str_inv	BOBJ1	157.5	After	Interior Girder 1	157.5	0.95	1	1	10.270728
HL93_str_inv	BOBJ1	157.5	After	Interior Girder 2	157.5	0.95	1	1	10.270728
HL93_str_inv	BOBJ1	157.5	After	Right Exterior Girder	157.5	0.95	1	1	12.17744
HL93_str_inv	BOBJ1	168.2522	Before	Left Exterior Girder	168.2522	0.95	1	1	12.047867
HL93_str_inv	BOBJ1	168.2522	Before	Interior Girder 1	168.2522	0.95	1	1	10.148146
HL93_str_inv	BOBJ1	168.2522	Before	Interior Girder 2	168.2522	0.95	1	1	10.148146
HL93_str_inv	BOBJ1	168.2522	Before	Right Exterior Girder	168.2522	0.95	1	1	12.047867
HL93_str_inv	BOBJ1	168.2522	After	Left Exterior Girder	168.2522	0.95	1	1	16.335495
HL93_str_inv	BOBJ1	168.2522	After	Interior Girder 1	168.2522	0.95	1	1	13.97416
HL93_str_inv	BOBJ1	168.2522	After	Interior Girder 2	168.2522	0.95	1	1	13.97416
HL93_str_inv	BOBJ1	168.2522	After	Right Exterior Girder	168.2522	0.95	1	1	16.335495
HL93_str_inv	BOBJ1	168.75	Before	Left Exterior Girder	168.75	0.95	1	1	16.32898
HL93_str_inv	BOBJ1	168.75	Before	Interior Girder 1	168.75	0.95	1	1	13.968108
HL93_str_inv	BOBJ1	168.75	Before	Interior Girder 2	168.75	0.95	1	1	13.968107
HL93_str_inv	BOBJ1	168.75	Before	Right Exterior Girder	168.75	0.95	1	1	16.32898
HL93_str_inv	BOBJ1	168.75	After	Left Exterior Girder	168.75	0.95	1	1	17.474449
HL93_str_inv	BOBJ1	168.75	After	Interior Girder 1	168.75	0.95	1	1	13.956542
HL93_str_inv	BOBJ1	168.75	After	Interior Girder 2	168.75	0.95	1	1	13.956542
HL93_str_inv	BOBJ1	168.75	After	Right Exterior Girder	168.75	0.95	1	1	17.474449
HL93_str_inv	BOBJ1	180	Before	Left Exterior Girder	180	0.95	1	1	17.317565
HL93_str_inv	BOBJ1	180	Before	Interior Girder 1	180	0.95	1	1	13.818766
HL93_str_inv	BOBJ1	180	Before	Interior Girder 2	180	0.95	1	1	13.818765
HL93_str_inv	BOBJ1	180	Before	Right Exterior Girder	180	0.95	1	1	17.317565
HL93_str_inv	BOBJ1	180	After	Left Exterior Girder	180	0.95	1	1	16.061424
HL93_str_inv	BOBJ1	180	After	Interior Girder 1	180	0.95	1	1	12.761903
HL93_str_inv	BOBJ1	180	After	Interior Girder 2	180	0.95	1	1	12.761902
HL93_str_inv	BOBJ1	180	After	Right Exterior Girder	180	0.95	1	1	16.061424
HL93_str_inv	BOBJ1	183.1858	Before	Left Exterior Girder	183.1858	0.95	1	1	16.02003
HL93_str_inv	BOBJ1	183.1858	Before	Interior Girder 1	183.1858	0.95	1	1	12.72578
HL93_str_inv	BOBJ1	183.1858	Before	Interior Girder 2	183.1858	0.95	1	1	12.725779
HL93_str_inv	BOBJ1	183.1858	Before	Right Exterior Girder	183.1858	0.95	1	1	16.02003
HL93_str_inv	BOBJ1	183.1858	After	Left Exterior Girder	183.1858	0.95	1	1	25.25114
HL93_str_inv	BOBJ1	183.1858	After	Interior Girder 1	183.1858	0.95	1	1	19.604951
HL93_str_inv	BOBJ1	183.1858	After	Interior Girder 2	183.1858	0.95	1	1	19.60495
HL93_str_inv	BOBJ1	183.1858	After	Right Exterior Girder	183.1858	0.95	1	1	25.251141

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Main Span Girders									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
HL93_str_inv	BOBJ1	191.25	Before	Left Exterior Girder	191.25	0.95	1	1	25.119679
HL93_str_inv	BOBJ1	191.25	Before	Interior Girder 1	191.25	0.95	1	1	19.494846
HL93_str_inv	BOBJ1	191.25	Before	Interior Girder 2	191.25	0.95	1	1	19.494845
HL93_str_inv	BOBJ1	191.25	Before	Right Exterior Girder	191.25	0.95	1	1	25.11968
HL93_str_inv	BOBJ1	191.25	After	Left Exterior Girder	191.25	0.95	1	1	24.150588
HL93_str_inv	BOBJ1	191.25	After	Interior Girder 1	191.25	0.95	1	1	17.943162
HL93_str_inv	BOBJ1	191.25	After	Interior Girder 2	191.25	0.95	1	1	17.943162
HL93_str_inv	BOBJ1	191.25	After	Right Exterior Girder	191.25	0.95	1	1	24.150589
HL93_str_inv	BOBJ1	199.9414	Before	Left Exterior Girder	199.9414	0.95	1	1	24.01411
HL93_str_inv	BOBJ1	199.9414	Before	Interior Girder 1	199.9414	0.95	1	1	17.833755
HL93_str_inv	BOBJ1	199.9414	Before	Interior Girder 2	199.9414	0.95	1	1	17.833754
HL93_str_inv	BOBJ1	199.9414	Before	Right Exterior Girder	199.9414	0.95	1	1	24.014111
HL93_str_inv	BOBJ1	199.9414	After	Left Exterior Girder	199.9414	0.95	1	1	30.597491
HL93_str_inv	BOBJ1	199.9414	After	Interior Girder 1	199.9414	0.95	1	1	21.802205
HL93_str_inv	BOBJ1	199.9414	After	Interior Girder 2	199.9414	0.95	1	1	21.802205
HL93_str_inv	BOBJ1	199.9414	After	Right Exterior Girder	199.9414	0.95	1	1	30.597491
HL93_str_inv	BOBJ1	202.5	Before	Left Exterior Girder	202.5	0.95	1	1	30.551735
HL93_str_inv	BOBJ1	202.5	Before	Interior Girder 1	202.5	0.95	1	1	21.767443
HL93_str_inv	BOBJ1	202.5	Before	Interior Girder 2	202.5	0.95	1	1	21.767443
HL93_str_inv	BOBJ1	202.5	Before	Right Exterior Girder	202.5	0.95	1	1	30.551735
HL93_str_inv	BOBJ1	202.5	After	Left Exterior Girder	202.5	0.95	1	1	30.275063
HL93_str_inv	BOBJ1	202.5	After	Interior Girder 1	202.5	0.95	1	1	21.496123
HL93_str_inv	BOBJ1	202.5	After	Interior Girder 2	202.5	0.95	1	1	21.496123
HL93_str_inv	BOBJ1	202.5	After	Right Exterior Girder	202.5	0.95	1	1	30.275064
HL93_str_inv	BOBJ1	210.5642	Before	Left Exterior Girder	210.5642	0.95	1	1	30.132012
HL93_str_inv	BOBJ1	210.5642	Before	Interior Girder 1	210.5642	0.95	1	1	21.38773
HL93_str_inv	BOBJ1	210.5642	Before	Interior Girder 2	210.5642	0.95	1	1	21.387729
HL93_str_inv	BOBJ1	210.5642	Before	Right Exterior Girder	210.5642	0.95	1	1	30.132012
HL93_str_inv	BOBJ1	210.5642	After	Left Exterior Girder	210.5642	0.95	1	1	36.453279
HL93_str_inv	BOBJ1	210.5642	After	Interior Girder 1	210.5642	0.95	1	1	24.924904
HL93_str_inv	BOBJ1	210.5642	After	Interior Girder 2	210.5642	0.95	1	1	24.924904
HL93_str_inv	BOBJ1	210.5642	After	Right Exterior Girder	210.5642	0.95	1	1	36.45328
HL93_str_inv	BOBJ1	213.75	Before	Left Exterior Girder	213.75	0.95	1	1	36.389942
HL93_str_inv	BOBJ1	213.75	Before	Interior Girder 1	213.75	0.95	1	1	24.879078
HL93_str_inv	BOBJ1	213.75	Before	Interior Girder 2	213.75	0.95	1	1	24.879078
HL93_str_inv	BOBJ1	213.75	Before	Right Exterior Girder	213.75	0.95	1	1	36.389943
HL93_str_inv	BOBJ1	213.75	After	Left Exterior Girder	213.75	0.95	1	1	35.789566
HL93_str_inv	BOBJ1	213.75	After	Interior Girder 1	213.75	0.95	1	1	23.833429
HL93_str_inv	BOBJ1	213.75	After	Interior Girder 2	213.75	0.95	1	1	23.833428
HL93_str_inv	BOBJ1	213.75	After	Right Exterior Girder	213.75	0.95	1	1	35.789567
HL93_str_inv	BOBJ1	225	Before	Left Exterior Girder	225	0.95	1	1	35.569417
HL93_str_inv	BOBJ1	225	Before	Interior Girder 1	225	0.95	1	1	23.678252
HL93_str_inv	BOBJ1	225	Before	Interior Girder 2	225	0.95	1	1	23.678252
HL93_str_inv	BOBJ1	225	Before	Right Exterior Girder	225	0.95	1	1	35.569417
HL93_str_inv	BOBJ1	225	After	Left Exterior Girder	0	0.95	1	1	31.554674
HL93_str_inv	BOBJ1	225	After	Interior Girder 1	0	0.95	1	1	21.74566
HL93_str_inv	BOBJ1	225	After	Interior Girder 2	0	0.95	1	1	21.74566
HL93_str_inv	BOBJ1	225	After	Right Exterior Girder	0	0.95	1	1	31.554674
HL93_str_inv	BOBJ1	236.45	Before	Left Exterior Girder	11.45	0.95	1	1	32.497438
HL93_str_inv	BOBJ1	236.45	Before	Interior Girder 1	11.45	0.95	1	1	23.180849
HL93_str_inv	BOBJ1	236.45	Before	Interior Girder 2	11.45	0.95	1	1	23.180849
HL93_str_inv	BOBJ1	236.45	Before	Right Exterior Girder	11.45	0.95	1	1	32.497438
HL93_str_inv	BOBJ1	236.45	After	Left Exterior Girder	11.45	0.95	1	1	32.783062
HL93_str_inv	BOBJ1	236.45	After	Interior Girder 1	11.45	0.95	1	1	23.698756
HL93_str_inv	BOBJ1	236.45	After	Interior Girder 2	11.45	0.95	1	1	23.698756
HL93_str_inv	BOBJ1	236.45	After	Right Exterior Girder	11.45	0.95	1	1	32.783062
HL93_str_inv	BOBJ1	239.5082	Before	Left Exterior Girder	14.5082	0.95	1	1	32.838412
HL93_str_inv	BOBJ1	239.5082	Before	Interior Girder 1	14.5082	0.95	1	1	23.74108
HL93_str_inv	BOBJ1	239.5082	Before	Interior Girder 2	14.5082	0.95	1	1	23.74108
HL93_str_inv	BOBJ1	239.5082	Before	Right Exterior Girder	14.5082	0.95	1	1	32.838412
HL93_str_inv	BOBJ1	239.5082	After	Left Exterior Girder	14.5082	0.95	1	1	27.001622
HL93_str_inv	BOBJ1	239.5082	After	Interior Girder 1	14.5082	0.95	1	1	20.289207
HL93_str_inv	BOBJ1	239.5082	After	Interior Girder 2	14.5082	0.95	1	1	20.289207
HL93_str_inv	BOBJ1	239.5082	After	Right Exterior Girder	14.5082	0.95	1	1	27.001622
HL93_str_inv	BOBJ1	247.9	Before	Left Exterior Girder	22.9	0.95	1	1	27.136776
HL93_str_inv	BOBJ1	247.9	Before	Interior Girder 1	22.9	0.95	1	1	20.39757
HL93_str_inv	BOBJ1	247.9	Before	Interior Girder 2	22.9	0.95	1	1	20.39757
HL93_str_inv	BOBJ1	247.9	Before	Right Exterior Girder	22.9	0.95	1	1	27.136775

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Main Span Girders									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
HL93_str_inv	BOBJ1	247.9	After	Left Exterior Girder	22.9	0.95	1	1	28.421441
HL93_str_inv	BOBJ1	247.9	After	Interior Girder 1	22.9	0.95	1	1	22.060232
HL93_str_inv	BOBJ1	247.9	After	Interior Girder 2	22.9	0.95	1	1	22.060232
HL93_str_inv	BOBJ1	247.9	After	Right Exterior Girder	22.9	0.95	1	1	28.421441
HL93_str_inv	BOBJ1	258.5189	Before	Left Exterior Girder	33.5189	0.95	1	1	28.600151
HL93_str_inv	BOBJ1	258.5189	Before	Interior Girder 1	33.5189	0.95	1	1	22.208232
HL93_str_inv	BOBJ1	258.5189	Before	Interior Girder 2	33.5189	0.95	1	1	22.208232
HL93_str_inv	BOBJ1	258.5189	Before	Right Exterior Girder	33.5189	0.95	1	1	28.60015
HL93_str_inv	BOBJ1	258.5189	After	Left Exterior Girder	33.5189	0.95	1	1	21.365825
HL93_str_inv	BOBJ1	258.5189	After	Interior Girder 1	33.5189	0.95	1	1	17.890711
HL93_str_inv	BOBJ1	258.5189	After	Interior Girder 2	33.5189	0.95	1	1	17.890711
HL93_str_inv	BOBJ1	258.5189	After	Right Exterior Girder	33.5189	0.95	1	1	21.365824
HL93_str_inv	BOBJ1	259.3	Before	Left Exterior Girder	34.3	0.95	1	1	21.37688
HL93_str_inv	BOBJ1	259.3	Before	Interior Girder 1	34.3	0.95	1	1	17.90063
HL93_str_inv	BOBJ1	259.3	Before	Interior Girder 2	34.3	0.95	1	1	17.90063
HL93_str_inv	BOBJ1	259.3	Before	Right Exterior Girder	34.3	0.95	1	1	21.376879
HL93_str_inv	BOBJ1	259.3	After	Left Exterior Girder	34.3	0.95	1	1	22.288018
HL93_str_inv	BOBJ1	259.3	After	Interior Girder 1	34.3	0.95	1	1	18.064371
HL93_str_inv	BOBJ1	259.3	After	Interior Girder 2	34.3	0.95	1	1	18.064371
HL93_str_inv	BOBJ1	259.3	After	Right Exterior Girder	34.3	0.95	1	1	22.288018
HL93_str_inv	BOBJ1	266.1031	Before	Left Exterior Girder	41.1031	0.95	1	1	22.387983
HL93_str_inv	BOBJ1	266.1031	Before	Interior Girder 1	41.1031	0.95	1	1	18.151766
HL93_str_inv	BOBJ1	266.1031	Before	Interior Girder 2	41.1031	0.95	1	1	18.151766
HL93_str_inv	BOBJ1	266.1031	Before	Right Exterior Girder	41.1031	0.95	1	1	22.387982
HL93_str_inv	BOBJ1	266.1031	After	Left Exterior Girder	41.1031	0.95	1	1	14.188054
HL93_str_inv	BOBJ1	266.1031	After	Interior Girder 1	41.1031	0.95	1	1	11.814573
HL93_str_inv	BOBJ1	266.1031	After	Interior Girder 2	41.1031	0.95	1	1	11.814573
HL93_str_inv	BOBJ1	266.1031	After	Right Exterior Girder	41.1031	0.95	1	1	14.188054
HL93_str_inv	BOBJ1	270.7	Before	Left Exterior Girder	45.7	0.95	1	1	14.242338
HL93_str_inv	BOBJ1	270.7	Before	Interior Girder 1	45.7	0.95	1	1	11.864254
HL93_str_inv	BOBJ1	270.7	Before	Interior Girder 2	45.7	0.95	1	1	11.864254
HL93_str_inv	BOBJ1	270.7	Before	Right Exterior Girder	45.7	0.95	1	1	14.242337
HL93_str_inv	BOBJ1	270.7	After	Left Exterior Girder	45.7	0.95	1	1	14.558803
HL93_str_inv	BOBJ1	270.7	After	Interior Girder 1	45.7	0.95	1	1	11.775289
HL93_str_inv	BOBJ1	270.7	After	Interior Girder 2	45.7	0.95	1	1	11.775289
HL93_str_inv	BOBJ1	270.7	After	Right Exterior Girder	45.7	0.95	1	1	14.558802
HL93_str_inv	BOBJ1	273.6874	Before	Left Exterior Girder	48.6874	0.95	1	1	14.594795
HL93_str_inv	BOBJ1	273.6874	Before	Interior Girder 1	48.6874	0.95	1	1	11.807233
HL93_str_inv	BOBJ1	273.6874	Before	Interior Girder 2	48.6874	0.95	1	1	11.807233
HL93_str_inv	BOBJ1	273.6874	Before	Right Exterior Girder	48.6874	0.95	1	1	14.594795
HL93_str_inv	BOBJ1	273.6874	After	Left Exterior Girder	48.6874	0.95	1	1	9.607483
HL93_str_inv	BOBJ1	273.6874	After	Interior Girder 1	48.6874	0.95	1	1	8.077096
HL93_str_inv	BOBJ1	273.6874	After	Interior Girder 2	48.6874	0.95	1	1	8.077096
HL93_str_inv	BOBJ1	273.6874	After	Right Exterior Girder	48.6874	0.95	1	1	9.607483
HL93_str_inv	BOBJ1	282.15	Before	Left Exterior Girder	57.15	0.95	1	1	9.693441
HL93_str_inv	BOBJ1	282.15	Before	Interior Girder 1	57.15	0.95	1	1	8.158157
HL93_str_inv	BOBJ1	282.15	Before	Interior Girder 2	57.15	0.95	1	1	8.158157
HL93_str_inv	BOBJ1	282.15	Before	Right Exterior Girder	57.15	0.95	1	1	9.693441
HL93_str_inv	BOBJ1	282.15	After	Left Exterior Girder	57.15	0.95	1	1	10.007558
HL93_str_inv	BOBJ1	282.15	After	Interior Girder 1	57.15	0.95	1	1	8.629729
HL93_str_inv	BOBJ1	282.15	After	Interior Girder 2	57.15	0.95	1	1	8.629729
HL93_str_inv	BOBJ1	282.15	After	Right Exterior Girder	57.15	0.95	1	1	10.007558
HL93_str_inv	BOBJ1	293.6	Before	Left Exterior Girder	68.6	0.95	1	1	10.494304
HL93_str_inv	BOBJ1	293.6	Before	Interior Girder 1	68.6	0.95	1	1	9.335488
HL93_str_inv	BOBJ1	293.6	Before	Interior Girder 2	68.6	0.95	1	1	9.335488
HL93_str_inv	BOBJ1	293.6	Before	Right Exterior Girder	68.6	0.95	1	1	10.494304
HL93_str_inv	BOBJ1	293.6	After	Left Exterior Girder	68.6	0.95	1	1	11.027605
HL93_str_inv	BOBJ1	293.6	After	Interior Girder 1	68.6	0.95	1	1	9.14453
HL93_str_inv	BOBJ1	293.6	After	Interior Girder 2	68.6	0.95	1	1	9.14453
HL93_str_inv	BOBJ1	293.6	After	Right Exterior Girder	68.6	0.95	1	1	11.027605
HL93_str_inv	BOBJ1	305	Before	Left Exterior Girder	80	0.95	1	1	11.665822
HL93_str_inv	BOBJ1	305	Before	Interior Girder 1	80	0.95	1	1	9.882143
HL93_str_inv	BOBJ1	305	Before	Interior Girder 2	80	0.95	1	1	9.882143
HL93_str_inv	BOBJ1	305	Before	Right Exterior Girder	80	0.95	1	1	11.665823
HL93_str_inv	BOBJ1	305	After	Left Exterior Girder	80	0.95	1	1	11.522357
HL93_str_inv	BOBJ1	305	After	Interior Girder 1	80	0.95	1	1	10.099483
HL93_str_inv	BOBJ1	305	After	Interior Girder 2	80	0.95	1	1	10.099482
HL93_str_inv	BOBJ1	305	After	Right Exterior Girder	80	0.95	1	1	11.522358

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Main Span Girders									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
HL93_str_inv	BOBJ1	306.9561	Before	Left Exterior Girder	81.9561	0.95	1	1	11.545102
HL93_str_inv	BOBJ1	306.9561	Before	Interior Girder 1	81.9561	0.95	1	1	10.121681
HL93_str_inv	BOBJ1	306.9561	Before	Interior Girder 2	81.9561	0.95	1	1	10.121681
HL93_str_inv	BOBJ1	306.9561	Before	Right Exterior Girder	81.9561	0.95	1	1	11.545103
HL93_str_inv	BOBJ1	306.9561	After	Left Exterior Girder	81.9561	0.95	1	1	20.922383
HL93_str_inv	BOBJ1	306.9561	After	Interior Girder 1	81.9561	0.95	1	1	18.473042
HL93_str_inv	BOBJ1	306.9561	After	Interior Girder 2	81.9561	0.95	1	1	18.473042
HL93_str_inv	BOBJ1	306.9561	After	Right Exterior Girder	81.9561	0.95	1	1	20.922385
HL93_str_inv	BOBJ1	316.4	Before	Left Exterior Girder	91.4	0.95	1	1	21.072862
HL93_str_inv	BOBJ1	316.4	Before	Interior Girder 1	91.4	0.95	1	1	18.618656
HL93_str_inv	BOBJ1	316.4	Before	Interior Girder 2	91.4	0.95	1	1	18.618656
HL93_str_inv	BOBJ1	316.4	Before	Right Exterior Girder	91.4	0.95	1	1	21.072863
HL93_str_inv	BOBJ1	316.4	After	Left Exterior Girder	91.4	0.95	1	1	22.484539
HL93_str_inv	BOBJ1	316.4	After	Interior Girder 1	91.4	0.95	1	1	17.894875
HL93_str_inv	BOBJ1	316.4	After	Interior Girder 2	91.4	0.95	1	1	17.894875
HL93_str_inv	BOBJ1	316.4	After	Right Exterior Girder	91.4	0.95	1	1	22.48454
HL93_str_inv	BOBJ1	327.85	Before	Left Exterior Girder	102.9679	0.95	1	1	23.796014
HL93_str_inv	BOBJ1	327.85	Before	Interior Girder 1	102.9679	0.95	1	1	19.345384
HL93_str_inv	BOBJ1	327.85	Before	Interior Girder 2	102.9679	0.95	1	1	19.345384
HL93_str_inv	BOBJ1	327.85	Before	Right Exterior Girder	102.9679	0.95	1	1	23.796014
HL93_str_inv	BOBJ1	327.85	After	Left Exterior Girder	102.9679	0.95	1	1	37.66016
HL93_str_inv	BOBJ1	327.85	After	Interior Girder 1	102.9679	0.95	1	1	30.783305
HL93_str_inv	BOBJ1	327.85	After	Interior Girder 2	102.9679	0.95	1	1	30.783305
HL93_str_inv	BOBJ1	327.85	After	Right Exterior Girder	102.9679	0.95	1	1	37.660161
HL93_str_inv	BOBJ1	339.3	Before	Left Exterior Girder	114.3	0.95	1	1	39.767736
HL93_str_inv	BOBJ1	339.3	Before	Interior Girder 1	114.3	0.95	1	1	33.166814
HL93_str_inv	BOBJ1	339.3	Before	Interior Girder 2	114.3	0.95	1	1	33.166814
HL93_str_inv	BOBJ1	339.3	Before	Right Exterior Girder	114.3	0.95	1	1	39.767737
HL93_str_inv	BOBJ1	339.3	After	Left Exterior Girder	114.3	0.95	1	1	42.152994
HL93_str_inv	BOBJ1	339.3	After	Interior Girder 1	114.3	0.95	1	1	31.2317
HL93_str_inv	BOBJ1	339.3	After	Interior Girder 2	114.3	0.95	1	1	31.231699
HL93_str_inv	BOBJ1	339.3	After	Right Exterior Girder	114.3	0.95	1	1	42.152993
HL93_str_inv	BOBJ1	350.7	Before	Left Exterior Girder	125.7	0.95	1	1	44.753115
HL93_str_inv	BOBJ1	350.7	Before	Interior Girder 1	125.7	0.95	1	1	33.787281
HL93_str_inv	BOBJ1	350.7	Before	Interior Girder 2	125.7	0.95	1	1	33.787279
HL93_str_inv	BOBJ1	350.7	Before	Right Exterior Girder	125.7	0.95	1	1	44.753114
HL93_str_inv	BOBJ1	350.7	After	Left Exterior Girder	125.7	0.95	1	1	46.504059
HL93_str_inv	BOBJ1	350.7	After	Interior Girder 1	125.7	0.95	1	1	35.129482
HL93_str_inv	BOBJ1	350.7	After	Interior Girder 2	125.7	0.95	1	1	35.129481
HL93_str_inv	BOBJ1	350.7	After	Right Exterior Girder	125.7	0.95	1	1	46.504058
HL93_str_inv	BOBJ1	362.1	Before	Left Exterior Girder	137.1	0.95	1	1	49.606926
HL93_str_inv	BOBJ1	362.1	Before	Interior Girder 1	137.1	0.95	1	1	37.99744
HL93_str_inv	BOBJ1	362.1	Before	Interior Girder 2	137.1	0.95	1	1	37.99744
HL93_str_inv	BOBJ1	362.1	Before	Right Exterior Girder	137.1	0.95	1	1	49.606926
HL93_str_inv	BOBJ1	362.1	After	Left Exterior Girder	137.1	0.95	1	1	52.830542
HL93_str_inv	BOBJ1	362.1	After	Interior Girder 1	137.1	0.95	1	1	35.297681
HL93_str_inv	BOBJ1	362.1	After	Interior Girder 2	137.1	0.95	1	1	35.297682
HL93_str_inv	BOBJ1	362.1	After	Right Exterior Girder	137.1	0.95	1	1	52.830538
HL93_str_inv	BOBJ1	373.55	Before	Left Exterior Girder	148.55	0.95	1	1	56.573767
HL93_str_inv	BOBJ1	373.55	Before	Interior Girder 1	148.55	0.95	1	1	38.33126
HL93_str_inv	BOBJ1	373.55	Before	Interior Girder 2	148.55	0.95	1	1	38.33126
HL93_str_inv	BOBJ1	373.55	Before	Right Exterior Girder	148.55	0.95	1	1	56.573762
HL93_str_inv	BOBJ1	373.55	After	Left Exterior Girder	148.55	0.95	1	1	59.098212
HL93_str_inv	BOBJ1	373.55	After	Interior Girder 1	148.55	0.95	1	1	39.908261
HL93_str_inv	BOBJ1	373.55	After	Interior Girder 2	148.55	0.95	1	1	39.908261
HL93_str_inv	BOBJ1	373.55	After	Right Exterior Girder	148.55	0.95	1	1	59.098207
HL93_str_inv	BOBJ1	385	Before	Left Exterior Girder	160	0.95	1	1	63.68051
HL93_str_inv	BOBJ1	385	Before	Interior Girder 1	160	0.95	1	1	39.848894
HL93_str_inv	BOBJ1	385	Before	Interior Girder 2	160	0.95	1	1	39.848893
HL93_str_inv	BOBJ1	385	Before	Right Exterior Girder	160	0.95	1	1	63.680505
HL93_str_inv	BOBJ1	385	After	Left Exterior Girder	160	0.95	1	1	63.680513
HL93_str_inv	BOBJ1	385	After	Interior Girder 1	160	0.95	1	1	39.848441
HL93_str_inv	BOBJ1	385	After	Interior Girder 2	160	0.95	1	1	39.848442
HL93_str_inv	BOBJ1	385	After	Right Exterior Girder	160	0.95	1	1	63.680519
HL93_str_inv	BOBJ1	396.45	Before	Left Exterior Girder	171.45	0.95	1	1	59.098191
HL93_str_inv	BOBJ1	396.45	Before	Interior Girder 1	171.45	0.95	1	1	39.908716
HL93_str_inv	BOBJ1	396.45	Before	Interior Girder 2	171.45	0.95	1	1	39.908715
HL93_str_inv	BOBJ1	396.45	Before	Right Exterior Girder	171.45	0.95	1	1	59.098196

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Main Span Girders									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
HL93_str_inv	BOBJ1	396.45	After	Left Exterior Girder	171.45	0.95	1	1	56.573748
HL93_str_inv	BOBJ1	396.45	After	Interior Girder 1	171.45	0.95	1	1	38.331376
HL93_str_inv	BOBJ1	396.45	After	Interior Girder 2	171.45	0.95	1	1	38.331375
HL93_str_inv	BOBJ1	396.45	After	Right Exterior Girder	171.45	0.95	1	1	56.573753
HL93_str_inv	BOBJ1	407.9	Before	Left Exterior Girder	182.9	0.95	1	1	52.830529
HL93_str_inv	BOBJ1	407.9	Before	Interior Girder 1	182.9	0.95	1	1	35.297882
HL93_str_inv	BOBJ1	407.9	Before	Interior Girder 2	182.9	0.95	1	1	35.29788
HL93_str_inv	BOBJ1	407.9	Before	Right Exterior Girder	182.9	0.95	1	1	52.830534
HL93_str_inv	BOBJ1	407.9	After	Left Exterior Girder	182.9	0.95	1	1	49.606922
HL93_str_inv	BOBJ1	407.9	After	Interior Girder 1	182.9	0.95	1	1	37.997259
HL93_str_inv	BOBJ1	407.9	After	Interior Girder 2	182.9	0.95	1	1	37.997257
HL93_str_inv	BOBJ1	407.9	After	Right Exterior Girder	182.9	0.95	1	1	49.606923
HL93_str_inv	BOBJ1	419.3	Before	Left Exterior Girder	194.3	0.95	1	1	46.50408
HL93_str_inv	BOBJ1	419.3	Before	Interior Girder 1	194.3	0.95	1	1	35.129527
HL93_str_inv	BOBJ1	419.3	Before	Interior Girder 2	194.3	0.95	1	1	35.129526
HL93_str_inv	BOBJ1	419.3	Before	Right Exterior Girder	194.3	0.95	1	1	46.504082
HL93_str_inv	BOBJ1	419.3	After	Left Exterior Girder	194.3	0.95	1	1	44.753135
HL93_str_inv	BOBJ1	419.3	After	Interior Girder 1	194.3	0.95	1	1	33.787322
HL93_str_inv	BOBJ1	419.3	After	Interior Girder 2	194.3	0.95	1	1	33.787322
HL93_str_inv	BOBJ1	419.3	After	Right Exterior Girder	194.3	0.95	1	1	44.753137
HL93_str_inv	BOBJ1	430.7	Before	Left Exterior Girder	205.7	0.95	1	1	42.153011
HL93_str_inv	BOBJ1	430.7	Before	Interior Girder 1	205.7	0.95	1	1	31.231677
HL93_str_inv	BOBJ1	430.7	Before	Interior Girder 2	205.7	0.95	1	1	31.231676
HL93_str_inv	BOBJ1	430.7	Before	Right Exterior Girder	205.7	0.95	1	1	42.153013
HL93_str_inv	BOBJ1	430.7	After	Left Exterior Girder	205.7	0.95	1	1	39.767783
HL93_str_inv	BOBJ1	430.7	After	Interior Girder 1	205.7	0.95	1	1	33.166939
HL93_str_inv	BOBJ1	430.7	After	Interior Girder 2	205.7	0.95	1	1	33.166937
HL93_str_inv	BOBJ1	430.7	After	Right Exterior Girder	205.7	0.95	1	1	39.767787
HL93_str_inv	BOBJ1	442.15	Before	Left Exterior Girder	217.0321	0.95	1	1	37.660172
HL93_str_inv	BOBJ1	442.15	Before	Interior Girder 1	217.0321	0.95	1	1	30.78341
HL93_str_inv	BOBJ1	442.15	Before	Interior Girder 2	217.0321	0.95	1	1	30.78341
HL93_str_inv	BOBJ1	442.15	Before	Right Exterior Girder	217.0321	0.95	1	1	37.660175
HL93_str_inv	BOBJ1	442.15	After	Left Exterior Girder	217.0321	0.95	1	1	23.79602
HL93_str_inv	BOBJ1	442.15	After	Interior Girder 1	217.0321	0.95	1	1	19.345384
HL93_str_inv	BOBJ1	442.15	After	Interior Girder 2	217.0321	0.95	1	1	19.345383
HL93_str_inv	BOBJ1	442.15	After	Right Exterior Girder	217.0321	0.95	1	1	23.796022
HL93_str_inv	BOBJ1	453.6	Before	Left Exterior Girder	228.6	0.95	1	1	22.484598
HL93_str_inv	BOBJ1	453.6	Before	Interior Girder 1	228.6	0.95	1	1	17.894809
HL93_str_inv	BOBJ1	453.6	Before	Interior Girder 2	228.6	0.95	1	1	17.894809
HL93_str_inv	BOBJ1	453.6	Before	Right Exterior Girder	228.6	0.95	1	1	22.4846
HL93_str_inv	BOBJ1	453.6	After	Left Exterior Girder	228.6	0.95	1	1	21.072835
HL93_str_inv	BOBJ1	453.6	After	Interior Girder 1	228.6	0.95	1	1	18.618566
HL93_str_inv	BOBJ1	453.6	After	Interior Girder 2	228.6	0.95	1	1	18.618566
HL93_str_inv	BOBJ1	453.6	After	Right Exterior Girder	228.6	0.95	1	1	21.072836
HL93_str_inv	BOBJ1	463.0439	Before	Left Exterior Girder	238.0439	0.95	1	1	20.922357
HL93_str_inv	BOBJ1	463.0439	Before	Interior Girder 1	238.0439	0.95	1	1	18.472954
HL93_str_inv	BOBJ1	463.0439	Before	Interior Girder 2	238.0439	0.95	1	1	18.472953
HL93_str_inv	BOBJ1	463.0439	Before	Right Exterior Girder	238.0439	0.95	1	1	20.922357
HL93_str_inv	BOBJ1	463.0439	After	Left Exterior Girder	238.0439	0.95	1	1	11.545122
HL93_str_inv	BOBJ1	463.0439	After	Interior Girder 1	238.0439	0.95	1	1	10.121743
HL93_str_inv	BOBJ1	463.0439	After	Interior Girder 2	238.0439	0.95	1	1	10.121743
HL93_str_inv	BOBJ1	463.0439	After	Right Exterior Girder	238.0439	0.95	1	1	11.545122
HL93_str_inv	BOBJ1	465	Before	Left Exterior Girder	240	0.95	1	1	11.522377
HL93_str_inv	BOBJ1	465	Before	Interior Girder 1	240	0.95	1	1	10.099545
HL93_str_inv	BOBJ1	465	Before	Interior Girder 2	240	0.95	1	1	10.099544
HL93_str_inv	BOBJ1	465	Before	Right Exterior Girder	240	0.95	1	1	11.522377
HL93_str_inv	BOBJ1	465	After	Left Exterior Girder	240	0.95	1	1	11.665819
HL93_str_inv	BOBJ1	465	After	Interior Girder 1	240	0.95	1	1	9.88213
HL93_str_inv	BOBJ1	465	After	Interior Girder 2	240	0.95	1	1	9.88213
HL93_str_inv	BOBJ1	465	After	Right Exterior Girder	240	0.95	1	1	11.66582
HL93_str_inv	BOBJ1	476.4	Before	Left Exterior Girder	251.4	0.95	1	1	11.027687
HL93_str_inv	BOBJ1	476.4	Before	Interior Girder 1	251.4	0.95	1	1	9.144574
HL93_str_inv	BOBJ1	476.4	Before	Interior Girder 2	251.4	0.95	1	1	9.144573
HL93_str_inv	BOBJ1	476.4	Before	Right Exterior Girder	251.4	0.95	1	1	11.027687
HL93_str_inv	BOBJ1	476.4	After	Left Exterior Girder	251.4	0.95	1	1	10.494321
HL93_str_inv	BOBJ1	476.4	After	Interior Girder 1	251.4	0.95	1	1	9.335393
HL93_str_inv	BOBJ1	476.4	After	Interior Girder 2	251.4	0.95	1	1	9.335393
HL93_str_inv	BOBJ1	476.4	After	Right Exterior Girder	251.4	0.95	1	1	10.494322

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Main Span Girders									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
HL93_str_inv	BOBJ1	487.85	Before	Left Exterior Girder	262.85	0.95	1	1	10.007629
HL93_str_inv	BOBJ1	487.85	Before	Interior Girder 1	262.85	0.95	1	1	8.629738
HL93_str_inv	BOBJ1	487.85	Before	Interior Girder 2	262.85	0.95	1	1	8.629738
HL93_str_inv	BOBJ1	487.85	Before	Right Exterior Girder	262.85	0.95	1	1	10.007629
HL93_str_inv	BOBJ1	487.85	After	Left Exterior Girder	262.85	0.95	1	1	9.693476
HL93_str_inv	BOBJ1	487.85	After	Interior Girder 1	262.85	0.95	1	1	8.158238
HL93_str_inv	BOBJ1	487.85	After	Interior Girder 2	262.85	0.95	1	1	8.158239
HL93_str_inv	BOBJ1	487.85	After	Right Exterior Girder	262.85	0.95	1	1	9.693476
HL93_str_inv	BOBJ1	496.3126	Before	Left Exterior Girder	271.3126	0.95	1	1	9.607518
HL93_str_inv	BOBJ1	496.3126	Before	Interior Girder 1	271.3126	0.95	1	1	8.077177
HL93_str_inv	BOBJ1	496.3126	Before	Interior Girder 2	271.3126	0.95	1	1	8.077177
HL93_str_inv	BOBJ1	496.3126	Before	Right Exterior Girder	271.3126	0.95	1	1	9.607518
HL93_str_inv	BOBJ1	496.3126	After	Left Exterior Girder	271.3126	0.95	1	1	14.594849
HL93_str_inv	BOBJ1	496.3126	After	Interior Girder 1	271.3126	0.95	1	1	11.807247
HL93_str_inv	BOBJ1	496.3126	After	Interior Girder 2	271.3126	0.95	1	1	11.807248
HL93_str_inv	BOBJ1	496.3126	After	Right Exterior Girder	271.3126	0.95	1	1	14.594849
HL93_str_inv	BOBJ1	499.3	Before	Left Exterior Girder	274.3	0.95	1	1	14.558857
HL93_str_inv	BOBJ1	499.3	Before	Interior Girder 1	274.3	0.95	1	1	11.775303
HL93_str_inv	BOBJ1	499.3	Before	Interior Girder 2	274.3	0.95	1	1	11.775304
HL93_str_inv	BOBJ1	499.3	Before	Right Exterior Girder	274.3	0.95	1	1	14.558857
HL93_str_inv	BOBJ1	499.3	After	Left Exterior Girder	274.3	0.95	1	1	14.242428
HL93_str_inv	BOBJ1	499.3	After	Interior Girder 1	274.3	0.95	1	1	11.864238
HL93_str_inv	BOBJ1	499.3	After	Interior Girder 2	274.3	0.95	1	1	11.864239
HL93_str_inv	BOBJ1	499.3	After	Right Exterior Girder	274.3	0.95	1	1	14.242427
HL93_str_inv	BOBJ1	503.8969	Before	Left Exterior Girder	278.8969	0.95	1	1	14.188144
HL93_str_inv	BOBJ1	503.8969	Before	Interior Girder 1	278.8969	0.95	1	1	11.814558
HL93_str_inv	BOBJ1	503.8969	Before	Interior Girder 2	278.8969	0.95	1	1	11.814558
HL93_str_inv	BOBJ1	503.8969	Before	Right Exterior Girder	278.8969	0.95	1	1	14.188143
HL93_str_inv	BOBJ1	503.8969	After	Left Exterior Girder	278.8969	0.95	1	1	22.409811
HL93_str_inv	BOBJ1	503.8969	After	Interior Girder 1	278.8969	0.95	1	1	18.17824
HL93_str_inv	BOBJ1	503.8969	After	Interior Girder 2	278.8969	0.95	1	1	18.178241
HL93_str_inv	BOBJ1	503.8969	After	Right Exterior Girder	278.8969	0.95	1	1	22.40981
HL93_str_inv	BOBJ1	510.7	Before	Left Exterior Girder	285.7	0.95	1	1	22.309749
HL93_str_inv	BOBJ1	510.7	Before	Interior Girder 1	285.7	0.95	1	1	18.090717
HL93_str_inv	BOBJ1	510.7	Before	Interior Girder 2	285.7	0.95	1	1	18.090718
HL93_str_inv	BOBJ1	510.7	Before	Right Exterior Girder	285.7	0.95	1	1	22.309748
HL93_str_inv	BOBJ1	510.7	After	Left Exterior Girder	285.7	0.95	1	1	20.737981
HL93_str_inv	BOBJ1	510.7	After	Interior Girder 1	285.7	0.95	1	1	16.777961
HL93_str_inv	BOBJ1	510.7	After	Interior Girder 2	285.7	0.95	1	1	16.777961
HL93_str_inv	BOBJ1	510.7	After	Right Exterior Girder	285.7	0.95	1	1	20.73798
HL93_str_inv	BOBJ1	511.4811	Before	Left Exterior Girder	286.4811	0.95	1	1	20.727256
HL93_str_inv	BOBJ1	511.4811	Before	Interior Girder 1	286.4811	0.95	1	1	16.768664
HL93_str_inv	BOBJ1	511.4811	Before	Interior Girder 2	286.4811	0.95	1	1	16.768664
HL93_str_inv	BOBJ1	511.4811	Before	Right Exterior Girder	286.4811	0.95	1	1	20.727255
HL93_str_inv	BOBJ1	511.4811	After	Left Exterior Girder	286.4811	0.95	1	1	28.650741
HL93_str_inv	BOBJ1	511.4811	After	Interior Girder 1	286.4811	0.95	1	1	22.304518
HL93_str_inv	BOBJ1	511.4811	After	Interior Girder 2	286.4811	0.95	1	1	22.304519
HL93_str_inv	BOBJ1	511.4811	After	Right Exterior Girder	286.4811	0.95	1	1	28.65074
HL93_str_inv	BOBJ1	522.1	Before	Left Exterior Girder	297.1	0.95	1	1	28.471715
HL93_str_inv	BOBJ1	522.1	Before	Interior Girder 1	297.1	0.95	1	1	22.155876
HL93_str_inv	BOBJ1	522.1	Before	Interior Girder 2	297.1	0.95	1	1	22.155877
HL93_str_inv	BOBJ1	522.1	Before	Right Exterior Girder	297.1	0.95	1	1	28.471714
HL93_str_inv	BOBJ1	522.1	After	Left Exterior Girder	297.1	0.95	1	1	27.136528
HL93_str_inv	BOBJ1	522.1	After	Interior Girder 1	297.1	0.95	1	1	20.390874
HL93_str_inv	BOBJ1	522.1	After	Interior Girder 2	297.1	0.95	1	1	20.390875
HL93_str_inv	BOBJ1	522.1	After	Right Exterior Girder	297.1	0.95	1	1	27.136527
HL93_str_inv	BOBJ1	530.4918	Before	Left Exterior Girder	305.4918	0.95	1	1	27.001376
HL93_str_inv	BOBJ1	530.4918	Before	Interior Girder 1	305.4918	0.95	1	1	20.282547
HL93_str_inv	BOBJ1	530.4918	Before	Interior Girder 2	305.4918	0.95	1	1	20.282548
HL93_str_inv	BOBJ1	530.4918	Before	Right Exterior Girder	305.4918	0.95	1	1	27.001375
HL93_str_inv	BOBJ1	530.4918	After	Left Exterior Girder	305.4918	0.95	1	1	32.838689
HL93_str_inv	BOBJ1	530.4918	After	Interior Girder 1	305.4918	0.95	1	1	23.74081
HL93_str_inv	BOBJ1	530.4918	After	Interior Girder 2	305.4918	0.95	1	1	23.740811
HL93_str_inv	BOBJ1	530.4918	After	Right Exterior Girder	305.4918	0.95	1	1	32.838688
HL93_str_inv	BOBJ1	533.55	Before	Left Exterior Girder	308.55	0.95	1	1	32.783339
HL93_str_inv	BOBJ1	533.55	Before	Interior Girder 1	308.55	0.95	1	1	23.698487
HL93_str_inv	BOBJ1	533.55	Before	Interior Girder 2	308.55	0.95	1	1	23.698488
HL93_str_inv	BOBJ1	533.55	Before	Right Exterior Girder	308.55	0.95	1	1	32.783338

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Main Span Girders									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
HL93_str_inv	BOBJ1	533.55	After	Left Exterior Girder	308.55	0.95	1	1	32.497612
HL93_str_inv	BOBJ1	533.55	After	Interior Girder 1	308.55	0.95	1	1	23.180272
HL93_str_inv	BOBJ1	533.55	After	Interior Girder 2	308.55	0.95	1	1	23.180272
HL93_str_inv	BOBJ1	533.55	After	Right Exterior Girder	308.55	0.95	1	1	32.497611
HL93_str_inv	BOBJ1	545	Before	Left Exterior Girder	320	0.95	1	1	31.554473
HL93_str_inv	BOBJ1	545	Before	Interior Girder 1	320	0.95	1	1	21.744719
HL93_str_inv	BOBJ1	545	Before	Interior Girder 2	320	0.95	1	1	21.74472
HL93_str_inv	BOBJ1	545	Before	Right Exterior Girder	320	0.95	1	1	31.554473
HL93_str_inv	BOBJ1	545	After	Left Exterior Girder	0	0.95	1	1	35.569632
HL93_str_inv	BOBJ1	545	After	Interior Girder 1	0	0.95	1	1	23.677942
HL93_str_inv	BOBJ1	545	After	Interior Girder 2	0	0.95	1	1	23.677943
HL93_str_inv	BOBJ1	545	After	Right Exterior Girder	0	0.95	1	1	35.569631
HL93_str_inv	BOBJ1	556.25	Before	Left Exterior Girder	11.25	0.95	1	1	35.789783
HL93_str_inv	BOBJ1	556.25	Before	Interior Girder 1	11.25	0.95	1	1	23.833117
HL93_str_inv	BOBJ1	556.25	Before	Interior Girder 2	11.25	0.95	1	1	23.833117
HL93_str_inv	BOBJ1	556.25	Before	Right Exterior Girder	11.25	0.95	1	1	35.789782
HL93_str_inv	BOBJ1	556.25	After	Left Exterior Girder	11.25	0.95	1	1	36.390139
HL93_str_inv	BOBJ1	556.25	After	Interior Girder 1	11.25	0.95	1	1	24.879187
HL93_str_inv	BOBJ1	556.25	After	Interior Girder 2	11.25	0.95	1	1	24.879187
HL93_str_inv	BOBJ1	556.25	After	Right Exterior Girder	11.25	0.95	1	1	36.390138
HL93_str_inv	BOBJ1	559.4358	Before	Left Exterior Girder	14.4358	0.95	1	1	36.453477
HL93_str_inv	BOBJ1	559.4358	Before	Interior Girder 1	14.4358	0.95	1	1	24.925013
HL93_str_inv	BOBJ1	559.4358	Before	Interior Girder 2	14.4358	0.95	1	1	24.925013
HL93_str_inv	BOBJ1	559.4358	Before	Right Exterior Girder	14.4358	0.95	1	1	36.453476
HL93_str_inv	BOBJ1	559.4358	After	Left Exterior Girder	14.4358	0.95	1	1	30.132315
HL93_str_inv	BOBJ1	559.4358	After	Interior Girder 1	14.4358	0.95	1	1	21.387745
HL93_str_inv	BOBJ1	559.4358	After	Interior Girder 2	14.4358	0.95	1	1	21.387745
HL93_str_inv	BOBJ1	559.4358	After	Right Exterior Girder	14.4358	0.95	1	1	30.132315
HL93_str_inv	BOBJ1	567.5	Before	Left Exterior Girder	22.5	0.95	1	1	30.275368
HL93_str_inv	BOBJ1	567.5	Before	Interior Girder 1	22.5	0.95	1	1	21.496139
HL93_str_inv	BOBJ1	567.5	Before	Interior Girder 2	22.5	0.95	1	1	21.496139
HL93_str_inv	BOBJ1	567.5	Before	Right Exterior Girder	22.5	0.95	1	1	30.275368
HL93_str_inv	BOBJ1	567.5	After	Left Exterior Girder	22.5	0.95	1	1	30.55161
HL93_str_inv	BOBJ1	567.5	After	Interior Girder 1	22.5	0.95	1	1	21.767015
HL93_str_inv	BOBJ1	567.5	After	Interior Girder 2	22.5	0.95	1	1	21.767015
HL93_str_inv	BOBJ1	567.5	After	Right Exterior Girder	22.5	0.95	1	1	30.551609
HL93_str_inv	BOBJ1	570.0586	Before	Left Exterior Girder	25.0586	0.95	1	1	30.597365
HL93_str_inv	BOBJ1	570.0586	Before	Interior Girder 1	25.0586	0.95	1	1	21.801776
HL93_str_inv	BOBJ1	570.0586	Before	Interior Girder 2	25.0586	0.95	1	1	21.801776
HL93_str_inv	BOBJ1	570.0586	Before	Right Exterior Girder	25.0586	0.95	1	1	30.597365
HL93_str_inv	BOBJ1	570.0586	After	Left Exterior Girder	25.0586	0.95	1	1	24.013972
HL93_str_inv	BOBJ1	570.0586	After	Interior Girder 1	25.0586	0.95	1	1	17.83379
HL93_str_inv	BOBJ1	570.0586	After	Interior Girder 2	25.0586	0.95	1	1	17.83379
HL93_str_inv	BOBJ1	570.0586	After	Right Exterior Girder	25.0586	0.95	1	1	24.013972
HL93_str_inv	BOBJ1	578.75	Before	Left Exterior Girder	33.75	0.95	1	1	24.150449
HL93_str_inv	BOBJ1	578.75	Before	Interior Girder 1	33.75	0.95	1	1	17.943198
HL93_str_inv	BOBJ1	578.75	Before	Interior Girder 2	33.75	0.95	1	1	17.943198
HL93_str_inv	BOBJ1	578.75	Before	Right Exterior Girder	33.75	0.95	1	1	24.150449
HL93_str_inv	BOBJ1	578.75	After	Left Exterior Girder	33.75	0.95	1	1	25.121492
HL93_str_inv	BOBJ1	578.75	After	Interior Girder 1	33.75	0.95	1	1	19.492461
HL93_str_inv	BOBJ1	578.75	After	Interior Girder 2	33.75	0.95	1	1	19.492461
HL93_str_inv	BOBJ1	578.75	After	Right Exterior Girder	33.75	0.95	1	1	25.121492
HL93_str_inv	BOBJ1	586.8142	Before	Left Exterior Girder	41.8142	0.95	1	1	25.252963
HL93_str_inv	BOBJ1	586.8142	Before	Interior Girder 1	41.8142	0.95	1	1	19.602553
HL93_str_inv	BOBJ1	586.8142	Before	Interior Girder 2	41.8142	0.95	1	1	19.602553
HL93_str_inv	BOBJ1	586.8142	Before	Right Exterior Girder	41.8142	0.95	1	1	25.252962
HL93_str_inv	BOBJ1	586.8142	After	Left Exterior Girder	41.8142	0.95	1	1	16.020264
HL93_str_inv	BOBJ1	586.8142	After	Interior Girder 1	41.8142	0.95	1	1	12.730136
HL93_str_inv	BOBJ1	586.8142	After	Interior Girder 2	41.8142	0.95	1	1	12.730136
HL93_str_inv	BOBJ1	586.8142	After	Right Exterior Girder	41.8142	0.95	1	1	16.020264
HL93_str_inv	BOBJ1	590	Before	Left Exterior Girder	45	0.95	1	1	16.061658
HL93_str_inv	BOBJ1	590	Before	Interior Girder 1	45	0.95	1	1	12.766272
HL93_str_inv	BOBJ1	590	Before	Interior Girder 2	45	0.95	1	1	12.766272
HL93_str_inv	BOBJ1	590	Before	Right Exterior Girder	45	0.95	1	1	16.061658
HL93_str_inv	BOBJ1	590	After	Left Exterior Girder	45	0.95	1	1	17.286938
HL93_str_inv	BOBJ1	590	After	Interior Girder 1	45	0.95	1	1	13.76253
HL93_str_inv	BOBJ1	590	After	Interior Girder 2	45	0.95	1	1	13.76253
HL93_str_inv	BOBJ1	590	After	Right Exterior Girder	45	0.95	1	1	17.286938

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Main Span Girders									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
HL93_str_inv	BOBJ1	601.25	Before	Left Exterior Girder	56.25	0.95	1	1	17.443545
HL93_str_inv	BOBJ1	601.25	Before	Interior Girder 1	56.25	0.95	1	1	13.899745
HL93_str_inv	BOBJ1	601.25	Before	Interior Girder 2	56.25	0.95	1	1	13.899745
HL93_str_inv	BOBJ1	601.25	Before	Right Exterior Girder	56.25	0.95	1	1	17.443545
HL93_str_inv	BOBJ1	601.25	After	Left Exterior Girder	56.25	0.95	1	1	16.842246
HL93_str_inv	BOBJ1	601.25	After	Interior Girder 1	56.25	0.95	1	1	14.921015
HL93_str_inv	BOBJ1	601.25	After	Interior Girder 2	56.25	0.95	1	1	14.921014
HL93_str_inv	BOBJ1	601.25	After	Right Exterior Girder	56.25	0.95	1	1	16.842245
HL93_str_inv	BOBJ1	601.7478	Before	Left Exterior Girder	56.7478	0.95	1	1	16.848965
HL93_str_inv	BOBJ1	601.7478	Before	Interior Girder 1	56.7478	0.95	1	1	14.92748
HL93_str_inv	BOBJ1	601.7478	Before	Interior Girder 2	56.7478	0.95	1	1	14.92748
HL93_str_inv	BOBJ1	601.7478	Before	Right Exterior Girder	56.7478	0.95	1	1	16.848965
HL93_str_inv	BOBJ1	601.7478	After	Left Exterior Girder	56.7478	0.95	1	1	12.045018
HL93_str_inv	BOBJ1	601.7478	After	Interior Girder 1	56.7478	0.95	1	1	10.147372
HL93_str_inv	BOBJ1	601.7478	After	Interior Girder 2	56.7478	0.95	1	1	10.147372
HL93_str_inv	BOBJ1	601.7478	After	Right Exterior Girder	56.7478	0.95	1	1	12.045018
HL93_str_inv	BOBJ1	612.5	Before	Left Exterior Girder	67.5	0.95	1	1	12.174561
HL93_str_inv	BOBJ1	612.5	Before	Interior Girder 1	67.5	0.95	1	1	10.269945
HL93_str_inv	BOBJ1	612.5	Before	Interior Girder 2	67.5	0.95	1	1	10.269945
HL93_str_inv	BOBJ1	612.5	Before	Right Exterior Girder	67.5	0.95	1	1	12.174561
HL93_str_inv	BOBJ1	612.5	After	Left Exterior Girder	67.5	0.95	1	1	13.43032
HL93_str_inv	BOBJ1	612.5	After	Interior Girder 1	67.5	0.95	1	1	10.800346
HL93_str_inv	BOBJ1	612.5	After	Interior Girder 2	67.5	0.95	1	1	10.800346
HL93_str_inv	BOBJ1	612.5	After	Right Exterior Girder	67.5	0.95	1	1	13.43032
HL93_str_inv	BOBJ1	623.75	Before	Left Exterior Girder	78.75	0.95	1	1	13.578679
HL93_str_inv	BOBJ1	623.75	Before	Interior Girder 1	78.75	0.95	1	1	10.934345
HL93_str_inv	BOBJ1	623.75	Before	Interior Girder 2	78.75	0.95	1	1	10.934345
HL93_str_inv	BOBJ1	623.75	Before	Right Exterior Girder	78.75	0.95	1	1	13.578679
HL93_str_inv	BOBJ1	623.75	After	Left Exterior Girder	78.75	0.95	1	1	14.842276
HL93_str_inv	BOBJ1	623.75	After	Interior Girder 1	78.75	0.95	1	1	12.396266
HL93_str_inv	BOBJ1	623.75	After	Interior Girder 2	78.75	0.95	1	1	12.396266
HL93_str_inv	BOBJ1	623.75	After	Right Exterior Girder	78.75	0.95	1	1	14.842276
HL93_str_inv	BOBJ1	635	Before	Left Exterior Girder	90	0.95	1	1	15.003483
HL93_str_inv	BOBJ1	635	Before	Interior Girder 1	90	0.95	1	1	12.547459
HL93_str_inv	BOBJ1	635	Before	Interior Girder 2	90	0.95	1	1	12.547458
HL93_str_inv	BOBJ1	635	Before	Right Exterior Girder	90	0.95	1	1	15.003483
HL93_str_inv	BOBJ1	635	After	Left Exterior Girder	90	0.95	1	1	16.59565
HL93_str_inv	BOBJ1	635	After	Interior Girder 1	90	0.95	1	1	12.385553
HL93_str_inv	BOBJ1	635	After	Interior Girder 2	90	0.95	1	1	12.385552
HL93_str_inv	BOBJ1	635	After	Right Exterior Girder	90	0.95	1	1	16.59565
HL93_str_inv	BOBJ1	643.5619	Before	Left Exterior Girder	98.5619	0.95	1	1	16.730397
HL93_str_inv	BOBJ1	643.5619	Before	Interior Girder 1	98.5619	0.95	1	1	12.498513
HL93_str_inv	BOBJ1	643.5619	Before	Interior Girder 2	98.5619	0.95	1	1	12.498513
HL93_str_inv	BOBJ1	643.5619	Before	Right Exterior Girder	98.5619	0.95	1	1	16.730398
HL93_str_inv	BOBJ1	643.5619	After	Left Exterior Girder	98.5619	0.95	1	1	28.307253
HL93_str_inv	BOBJ1	643.5619	After	Interior Girder 1	98.5619	0.95	1	1	21.237659
HL93_str_inv	BOBJ1	643.5619	After	Interior Girder 2	98.5619	0.95	1	1	21.237658
HL93_str_inv	BOBJ1	643.5619	After	Right Exterior Girder	98.5619	0.95	1	1	28.307254
HL93_str_inv	BOBJ1	646.25	Before	Left Exterior Girder	101.25	0.95	1	1	28.361203
HL93_str_inv	BOBJ1	646.25	Before	Interior Girder 1	101.25	0.95	1	1	21.282101
HL93_str_inv	BOBJ1	646.25	Before	Interior Girder 2	101.25	0.95	1	1	21.2821
HL93_str_inv	BOBJ1	646.25	Before	Right Exterior Girder	101.25	0.95	1	1	28.361204
HL93_str_inv	BOBJ1	646.25	After	Left Exterior Girder	101.25	0.95	1	1	31.457176
HL93_str_inv	BOBJ1	646.25	After	Interior Girder 1	101.25	0.95	1	1	24.271749
HL93_str_inv	BOBJ1	646.25	After	Interior Girder 2	101.25	0.95	1	1	24.271748
HL93_str_inv	BOBJ1	646.25	After	Right Exterior Girder	101.25	0.95	1	1	31.457176
HL93_str_inv	BOBJ1	657.5	Before	Left Exterior Girder	112.5	0.95	1	1	31.706923
HL93_str_inv	BOBJ1	657.5	Before	Interior Girder 1	112.5	0.95	1	1	24.483654
HL93_str_inv	BOBJ1	657.5	Before	Interior Girder 2	112.5	0.95	1	1	24.483654
HL93_str_inv	BOBJ1	657.5	Before	Right Exterior Girder	112.5	0.95	1	1	31.706924
HL93_str_inv	BOBJ1	657.5	After	Left Exterior Girder	112.5	0.95	1	1	36.664714
HL93_str_inv	BOBJ1	657.5	After	Interior Girder 1	112.5	0.95	1	1	24.717296
HL93_str_inv	BOBJ1	657.5	After	Interior Girder 2	112.5	0.95	1	1	24.717298
HL93_str_inv	BOBJ1	657.5	After	Right Exterior Girder	112.5	0.95	1	1	36.664711
HL93_str_inv	BOBJ1	668.75	Before	Left Exterior Girder	123.75	0.95	1	1	36.952141
HL93_str_inv	BOBJ1	668.75	Before	Interior Girder 1	123.75	0.95	1	1	24.930472
HL93_str_inv	BOBJ1	668.75	Before	Interior Girder 2	123.75	0.95	1	1	24.930475
HL93_str_inv	BOBJ1	668.75	Before	Right Exterior Girder	123.75	0.95	1	1	36.952138

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Main Span Girders									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
HL93_str_inv	BOBJ1	668.75	After	Left Exterior Girder	123.75	0.95	1	1	42.155927
HL93_str_inv	BOBJ1	668.75	After	Interior Girder 1	123.75	0.95	1	1	28.664017
HL93_str_inv	BOBJ1	668.75	After	Interior Girder 2	123.75	0.95	1	1	28.66402
HL93_str_inv	BOBJ1	668.75	After	Right Exterior Girder	123.75	0.95	1	1	42.155923
HL93_str_inv	BOBJ1	680	Before	Left Exterior Girder	135	0.95	1	1	42.482713
HL93_str_inv	BOBJ1	680	Before	Interior Girder 1	135	0.95	1	1	28.908456
HL93_str_inv	BOBJ1	680	Before	Interior Girder 2	135	0.95	1	1	28.908459
HL93_str_inv	BOBJ1	680	Before	Right Exterior Girder	135	0.95	1	1	42.482708
HL93_str_inv	BOBJ1	680	After	Left Exterior Girder	135	0.95	1	1	50.870264
HL93_str_inv	BOBJ1	680	After	Interior Girder 1	135	0.95	1	1	29.086547
HL93_str_inv	BOBJ1	680	After	Interior Girder 2	135	0.95	1	1	29.086546
HL93_str_inv	BOBJ1	680	After	Right Exterior Girder	135	0.95	1	1	50.870267
HL93_str_inv	BOBJ1	691.25	Before	Left Exterior Girder	146.25	0.95	1	1	51.259734
HL93_str_inv	BOBJ1	691.25	Before	Interior Girder 1	146.25	0.95	1	1	29.33166
HL93_str_inv	BOBJ1	691.25	Before	Interior Girder 2	146.25	0.95	1	1	29.331659
HL93_str_inv	BOBJ1	691.25	Before	Right Exterior Girder	146.25	0.95	1	1	51.259738
HL93_str_inv	BOBJ1	691.25	After	Left Exterior Girder	146.25	0.95	1	1	45.175944
HL93_str_inv	BOBJ1	691.25	After	Interior Girder 1	146.25	0.95	1	1	29.51663
HL93_str_inv	BOBJ1	691.25	After	Interior Girder 2	146.25	0.95	1	1	29.516631
HL93_str_inv	BOBJ1	691.25	After	Right Exterior Girder	146.25	0.95	1	1	45.175944
HL93_str_inv	BOBJ1	702.5	Before	Left Exterior Girder	157.5	0.95	1	1	44.837078
HL93_str_inv	BOBJ1	702.5	Before	Interior Girder 1	157.5	0.95	1	1	29.272999
HL93_str_inv	BOBJ1	702.5	Before	Interior Girder 2	157.5	0.95	1	1	29.273001
HL93_str_inv	BOBJ1	702.5	Before	Right Exterior Girder	157.5	0.95	1	1	44.837078
HL93_str_inv	BOBJ1	702.5	After	Left Exterior Girder	157.5	0.95	1	1	37.694301
HL93_str_inv	BOBJ1	702.5	After	Interior Girder 1	157.5	0.95	1	1	29.278821
HL93_str_inv	BOBJ1	702.5	After	Interior Girder 2	157.5	0.95	1	1	29.278822
HL93_str_inv	BOBJ1	702.5	After	Right Exterior Girder	157.5	0.95	1	1	37.694298
HL93_str_inv	BOBJ1	713.75	Before	Left Exterior Girder	168.75	0.95	1	1	37.40809
HL93_str_inv	BOBJ1	713.75	Before	Interior Girder 1	168.75	0.95	1	1	29.03433
HL93_str_inv	BOBJ1	713.75	Before	Interior Girder 2	168.75	0.95	1	1	29.034331
HL93_str_inv	BOBJ1	713.75	Before	Right Exterior Girder	168.75	0.95	1	1	37.408087
HL93_str_inv	BOBJ1	713.75	After	Left Exterior Girder	168.75	0.95	1	1	32.942794
HL93_str_inv	BOBJ1	713.75	After	Interior Girder 1	168.75	0.95	1	1	25.105233
HL93_str_inv	BOBJ1	713.75	After	Interior Girder 2	168.75	0.95	1	1	25.105233
HL93_str_inv	BOBJ1	713.75	After	Right Exterior Girder	168.75	0.95	1	1	32.942793
HL93_str_inv	BOBJ1	725	Before	Left Exterior Girder	180	0.95	1	1	32.689893
HL93_str_inv	BOBJ1	725	Before	Interior Girder 1	180	0.95	1	1	24.893264
HL93_str_inv	BOBJ1	725	Before	Interior Girder 2	180	0.95	1	1	24.893264
HL93_str_inv	BOBJ1	725	Before	Right Exterior Girder	180	0.95	1	1	32.689892
HL93_str_inv	BOBJ1	725	After	Left Exterior Girder	180	0.95	1	1	28.297913
HL93_str_inv	BOBJ1	725	After	Interior Girder 1	180	0.95	1	1	24.139219
HL93_str_inv	BOBJ1	725	After	Interior Girder 2	180	0.95	1	1	24.139218
HL93_str_inv	BOBJ1	725	After	Right Exterior Girder	180	0.95	1	1	28.297916
HL93_str_inv	BOBJ1	731.1726	Before	Left Exterior Girder	186.1726	0.95	1	1	28.177312
HL93_str_inv	BOBJ1	731.1726	Before	Interior Girder 1	186.1726	0.95	1	1	24.026148
HL93_str_inv	BOBJ1	731.1726	Before	Interior Girder 2	186.1726	0.95	1	1	24.026147
HL93_str_inv	BOBJ1	731.1726	Before	Right Exterior Girder	186.1726	0.95	1	1	28.177315
HL93_str_inv	BOBJ1	731.1726	After	Left Exterior Girder	186.1726	0.95	1	1	16.35663
HL93_str_inv	BOBJ1	731.1726	After	Interior Girder 1	186.1726	0.95	1	1	13.684717
HL93_str_inv	BOBJ1	731.1726	After	Interior Girder 2	186.1726	0.95	1	1	13.684716
HL93_str_inv	BOBJ1	731.1726	After	Right Exterior Girder	186.1726	0.95	1	1	16.356632
HL93_str_inv	BOBJ1	736.25	Before	Left Exterior Girder	191.25	0.95	1	1	16.281218
HL93_str_inv	BOBJ1	736.25	Before	Interior Girder 1	191.25	0.95	1	1	13.613914
HL93_str_inv	BOBJ1	736.25	Before	Interior Girder 2	191.25	0.95	1	1	13.613913
HL93_str_inv	BOBJ1	736.25	Before	Right Exterior Girder	191.25	0.95	1	1	16.281219
HL93_str_inv	BOBJ1	736.25	After	Left Exterior Girder	191.25	0.95	1	1	15.501297
HL93_str_inv	BOBJ1	736.25	After	Interior Girder 1	191.25	0.95	1	1	12.66226
HL93_str_inv	BOBJ1	736.25	After	Interior Girder 2	191.25	0.95	1	1	12.662259
HL93_str_inv	BOBJ1	736.25	After	Right Exterior Girder	191.25	0.95	1	1	15.501298
HL93_str_inv	BOBJ1	747.5	Before	Left Exterior Girder	202.5	0.95	1	1	15.34163
HL93_str_inv	BOBJ1	747.5	Before	Interior Girder 1	202.5	0.95	1	1	12.515827
HL93_str_inv	BOBJ1	747.5	Before	Interior Girder 2	202.5	0.95	1	1	12.515827
HL93_str_inv	BOBJ1	747.5	Before	Right Exterior Girder	202.5	0.95	1	1	15.34163
HL93_str_inv	BOBJ1	747.5	After	Left Exterior Girder	202.5	0.95	1	1	13.581229
HL93_str_inv	BOBJ1	747.5	After	Interior Girder 1	202.5	0.95	1	1	11.371358
HL93_str_inv	BOBJ1	747.5	After	Interior Girder 2	202.5	0.95	1	1	11.371358
HL93_str_inv	BOBJ1	747.5	After	Right Exterior Girder	202.5	0.95	1	1	13.581229

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Main Span Girders									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
HL93_str_inv	BOBJ1	758.75	Before	Left Exterior Girder	213.75	0.95	1	1	13.438726
HL93_str_inv	BOBJ1	758.75	Before	Interior Girder 1	213.75	0.95	1	1	11.237576
HL93_str_inv	BOBJ1	758.75	Before	Interior Girder 2	213.75	0.95	1	1	11.237576
HL93_str_inv	BOBJ1	758.75	Before	Right Exterior Girder	213.75	0.95	1	1	13.438725
HL93_str_inv	BOBJ1	758.75	After	Left Exterior Girder	213.75	0.95	1	1	12.305148
HL93_str_inv	BOBJ1	758.75	After	Interior Girder 1	213.75	0.95	1	1	9.27955
HL93_str_inv	BOBJ1	758.75	After	Interior Girder 2	213.75	0.95	1	1	9.279549
HL93_str_inv	BOBJ1	758.75	After	Right Exterior Girder	213.75	0.95	1	1	12.305149
HL93_str_inv	BOBJ1	770	Before	Left Exterior Girder	225	0.95	1	1	12.173912
HL93_str_inv	BOBJ1	770	Before	Interior Girder 1	225	0.95	1	1	9.168559
HL93_str_inv	BOBJ1	770	Before	Interior Girder 2	225	0.95	1	1	9.168558
HL93_str_inv	BOBJ1	770	Before	Right Exterior Girder	225	0.95	1	1	12.173912
HS20_str_opr	BOBJ1	0	After	Left Exterior Girder	0	0.95	1	1	25.881853
HS20_str_opr	BOBJ1	0	After	Interior Girder 1	0	0.95	1	1	17.376916
HS20_str_opr	BOBJ1	0	After	Interior Girder 2	0	0.95	1	1	17.376917
HS20_str_opr	BOBJ1	0	After	Right Exterior Girder	0	0.95	1	1	25.881851
HS20_str_opr	BOBJ1	11.25	Before	Left Exterior Girder	11.25	0.95	1	1	26.160863
HS20_str_opr	BOBJ1	11.25	Before	Interior Girder 1	11.25	0.95	1	1	17.587272
HS20_str_opr	BOBJ1	11.25	Before	Interior Girder 2	11.25	0.95	1	1	17.587274
HS20_str_opr	BOBJ1	11.25	Before	Right Exterior Girder	11.25	0.95	1	1	26.160861
HS20_str_opr	BOBJ1	11.25	After	Left Exterior Girder	11.25	0.95	1	1	28.250298
HS20_str_opr	BOBJ1	11.25	After	Interior Girder 1	11.25	0.95	1	1	21.272578
HS20_str_opr	BOBJ1	11.25	After	Interior Girder 2	11.25	0.95	1	1	21.27258
HS20_str_opr	BOBJ1	11.25	After	Right Exterior Girder	11.25	0.95	1	1	28.250296
HS20_str_opr	BOBJ1	22.5	Before	Left Exterior Girder	22.5	0.95	1	1	28.549863
HS20_str_opr	BOBJ1	22.5	Before	Interior Girder 1	22.5	0.95	1	1	21.525825
HS20_str_opr	BOBJ1	22.5	Before	Interior Girder 2	22.5	0.95	1	1	21.525827
HS20_str_opr	BOBJ1	22.5	Before	Right Exterior Girder	22.5	0.95	1	1	28.549861
HS20_str_opr	BOBJ1	22.5	After	Left Exterior Girder	22.5	0.95	1	1	31.617966
HS20_str_opr	BOBJ1	22.5	After	Interior Girder 1	22.5	0.95	1	1	23.450387
HS20_str_opr	BOBJ1	22.5	After	Interior Girder 2	22.5	0.95	1	1	23.450386
HS20_str_opr	BOBJ1	22.5	After	Right Exterior Girder	22.5	0.95	1	1	31.617966
HS20_str_opr	BOBJ1	33.75	Before	Left Exterior Girder	33.75	0.95	1	1	31.947029
HS20_str_opr	BOBJ1	33.75	Before	Interior Girder 1	33.75	0.95	1	1	23.724751
HS20_str_opr	BOBJ1	33.75	Before	Interior Girder 2	33.75	0.95	1	1	23.72475
HS20_str_opr	BOBJ1	33.75	Before	Right Exterior Girder	33.75	0.95	1	1	31.947029
HS20_str_opr	BOBJ1	33.75	After	Left Exterior Girder	33.75	0.95	1	1	32.99439
HS20_str_opr	BOBJ1	33.75	After	Interior Girder 1	33.75	0.95	1	1	25.13908
HS20_str_opr	BOBJ1	33.75	After	Interior Girder 2	33.75	0.95	1	1	25.139078
HS20_str_opr	BOBJ1	33.75	After	Right Exterior Girder	33.75	0.95	1	1	32.994391
HS20_str_opr	BOBJ1	38.8274	Before	Left Exterior Girder	38.8274	0.95	1	1	33.147215
HS20_str_opr	BOBJ1	38.8274	Before	Interior Girder 1	38.8274	0.95	1	1	25.269823
HS20_str_opr	BOBJ1	38.8274	Before	Interior Girder 2	38.8274	0.95	1	1	25.269821
HS20_str_opr	BOBJ1	38.8274	Before	Right Exterior Girder	38.8274	0.95	1	1	33.147216
HS20_str_opr	BOBJ1	38.8274	After	Left Exterior Girder	38.8274	0.95	1	1	57.002827
HS20_str_opr	BOBJ1	38.8274	After	Interior Girder 1	38.8274	0.95	1	1	44.392141
HS20_str_opr	BOBJ1	38.8274	After	Interior Girder 2	38.8274	0.95	1	1	44.392139
HS20_str_opr	BOBJ1	38.8274	After	Right Exterior Girder	38.8274	0.95	1	1	57.00283
HS20_str_opr	BOBJ1	45	Before	Left Exterior Girder	45	0.95	1	1	57.246804
HS20_str_opr	BOBJ1	45	Before	Interior Girder 1	45	0.95	1	1	44.601058
HS20_str_opr	BOBJ1	45	Before	Interior Girder 2	45	0.95	1	1	44.601056
HS20_str_opr	BOBJ1	45	Before	Right Exterior Girder	45	0.95	1	1	57.246806
HS20_str_opr	BOBJ1	45	After	Left Exterior Girder	45	0.95	1	1	64.734513
HS20_str_opr	BOBJ1	45	After	Interior Girder 1	45	0.95	1	1	45.50052
HS20_str_opr	BOBJ1	45	After	Interior Girder 2	45	0.95	1	1	45.500515
HS20_str_opr	BOBJ1	45	After	Right Exterior Girder	45	0.95	1	1	64.734515
HS20_str_opr	BOBJ1	56.25	Before	Left Exterior Girder	56.25	0.95	1	1	65.235323
HS20_str_opr	BOBJ1	56.25	Before	Interior Girder 1	56.25	0.95	1	1	45.887963
HS20_str_opr	BOBJ1	56.25	Before	Interior Girder 2	56.25	0.95	1	1	45.887958
HS20_str_opr	BOBJ1	56.25	Before	Right Exterior Girder	56.25	0.95	1	1	65.235325
HS20_str_opr	BOBJ1	56.25	After	Left Exterior Girder	56.25	0.95	1	1	72.788298
HS20_str_opr	BOBJ1	56.25	After	Interior Girder 1	56.25	0.95	1	1	52.466618
HS20_str_opr	BOBJ1	56.25	After	Interior Girder 2	56.25	0.95	1	1	52.466613
HS20_str_opr	BOBJ1	56.25	After	Right Exterior Girder	56.25	0.95	1	1	72.7883
HS20_str_opr	BOBJ1	67.5	Before	Left Exterior Girder	67.5	0.95	1	1	73.345204
HS20_str_opr	BOBJ1	67.5	Before	Interior Girder 1	67.5	0.95	1	1	52.908428
HS20_str_opr	BOBJ1	67.5	Before	Interior Girder 2	67.5	0.95	1	1	52.908422
HS20_str_opr	BOBJ1	67.5	Before	Right Exterior Girder	67.5	0.95	1	1	73.345206

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Main Span Girders									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
HS20_str_opr	BOBJ1	67.5	After	Left Exterior Girder	67.5	0.95	1	1	84.722832
HS20_str_opr	BOBJ1	67.5	After	Interior Girder 1	67.5	0.95	1	1	52.072262
HS20_str_opr	BOBJ1	67.5	After	Interior Girder 2	67.5	0.95	1	1	52.072265
HS20_str_opr	BOBJ1	67.5	After	Right Exterior Girder	67.5	0.95	1	1	84.722813
HS20_str_opr	BOBJ1	78.75	Before	Left Exterior Girder	78.75	0.95	1	1	85.363142
HS20_str_opr	BOBJ1	78.75	Before	Interior Girder 1	78.75	0.95	1	1	52.505644
HS20_str_opr	BOBJ1	78.75	Before	Interior Girder 2	78.75	0.95	1	1	52.505647
HS20_str_opr	BOBJ1	78.75	Before	Right Exterior Girder	78.75	0.95	1	1	85.363123
HS20_str_opr	BOBJ1	78.75	After	Left Exterior Girder	78.75	0.95	1	1	97.610239
HS20_str_opr	BOBJ1	78.75	After	Interior Girder 1	78.75	0.95	1	1	54.265744
HS20_str_opr	BOBJ1	78.75	After	Interior Girder 2	78.75	0.95	1	1	54.265739
HS20_str_opr	BOBJ1	78.75	After	Right Exterior Girder	78.75	0.95	1	1	97.610213
HS20_str_opr	BOBJ1	90	Before	Left Exterior Girder	90	0.95	1	1	98.34
HS20_str_opr	BOBJ1	90	Before	Interior Girder 1	90	0.95	1	1	53.812266
HS20_str_opr	BOBJ1	90	Before	Interior Girder 2	90	0.95	1	1	53.812261
HS20_str_opr	BOBJ1	90	Before	Right Exterior Girder	90	0.95	1	1	98.339974
HS20_str_opr	BOBJ1	90	After	Left Exterior Girder	90	0.95	1	1	86.617318
HS20_str_opr	BOBJ1	90	After	Interior Girder 1	90	0.95	1	1	54.780514
HS20_str_opr	BOBJ1	90	After	Interior Girder 2	90	0.95	1	1	54.780503
HS20_str_opr	BOBJ1	90	After	Right Exterior Girder	90	0.95	1	1	86.617326
HS20_str_opr	BOBJ1	101.25	Before	Left Exterior Girder	101.25	0.95	1	1	85.951039
HS20_str_opr	BOBJ1	101.25	Before	Interior Girder 1	101.25	0.95	1	1	54.317312
HS20_str_opr	BOBJ1	101.25	Before	Interior Girder 2	101.25	0.95	1	1	54.317301
HS20_str_opr	BOBJ1	101.25	Before	Right Exterior Girder	101.25	0.95	1	1	85.951048
HS20_str_opr	BOBJ1	101.25	After	Left Exterior Girder	101.25	0.95	1	1	75.791347
HS20_str_opr	BOBJ1	101.25	After	Interior Girder 1	101.25	0.95	1	1	47.557467
HS20_str_opr	BOBJ1	101.25	After	Interior Girder 2	101.25	0.95	1	1	47.55746
HS20_str_opr	BOBJ1	101.25	After	Right Exterior Girder	101.25	0.95	1	1	75.79135
HS20_str_opr	BOBJ1	112.5	Before	Left Exterior Girder	112.5	0.95	1	1	75.201814
HS20_str_opr	BOBJ1	112.5	Before	Interior Girder 1	112.5	0.95	1	1	47.150811
HS20_str_opr	BOBJ1	112.5	Before	Interior Girder 2	112.5	0.95	1	1	47.150803
HS20_str_opr	BOBJ1	112.5	Before	Right Exterior Girder	112.5	0.95	1	1	75.201817
HS20_str_opr	BOBJ1	112.5	After	Left Exterior Girder	112.5	0.95	1	1	66.190533
HS20_str_opr	BOBJ1	112.5	After	Interior Girder 1	112.5	0.95	1	1	47.866118
HS20_str_opr	BOBJ1	112.5	After	Interior Girder 2	112.5	0.95	1	1	47.866121
HS20_str_opr	BOBJ1	112.5	After	Right Exterior Girder	112.5	0.95	1	1	66.190529
HS20_str_opr	BOBJ1	123.75	Before	Left Exterior Girder	123.75	0.95	1	1	65.669167
HS20_str_opr	BOBJ1	123.75	Before	Interior Girder 1	123.75	0.95	1	1	47.451839
HS20_str_opr	BOBJ1	123.75	Before	Interior Girder 2	123.75	0.95	1	1	47.451841
HS20_str_opr	BOBJ1	123.75	Before	Right Exterior Girder	123.75	0.95	1	1	65.669164
HS20_str_opr	BOBJ1	123.75	After	Left Exterior Girder	123.75	0.95	1	1	59.23051
HS20_str_opr	BOBJ1	123.75	After	Interior Girder 1	123.75	0.95	1	1	41.204552
HS20_str_opr	BOBJ1	123.75	After	Interior Girder 2	123.75	0.95	1	1	41.204554
HS20_str_opr	BOBJ1	123.75	After	Right Exterior Girder	123.75	0.95	1	1	59.230506
HS20_str_opr	BOBJ1	126.4381	Before	Left Exterior Girder	126.4381	0.95	1	1	59.117839
HS20_str_opr	BOBJ1	126.4381	Before	Interior Girder 1	126.4381	0.95	1	1	41.118507
HS20_str_opr	BOBJ1	126.4381	Before	Interior Girder 2	126.4381	0.95	1	1	41.118509
HS20_str_opr	BOBJ1	126.4381	Before	Right Exterior Girder	126.4381	0.95	1	1	59.117835
HS20_str_opr	BOBJ1	126.4381	After	Left Exterior Girder	126.4381	0.95	1	1	35.413968
HS20_str_opr	BOBJ1	126.4381	After	Interior Girder 1	126.4381	0.95	1	1	24.646209
HS20_str_opr	BOBJ1	126.4381	After	Interior Girder 2	126.4381	0.95	1	1	24.646211
HS20_str_opr	BOBJ1	126.4381	After	Right Exterior Girder	126.4381	0.95	1	1	35.413966
HS20_str_opr	BOBJ1	135	Before	Left Exterior Girder	135	0.95	1	1	35.128741
HS20_str_opr	BOBJ1	135	Before	Interior Girder 1	135	0.95	1	1	24.423458
HS20_str_opr	BOBJ1	135	Before	Interior Girder 2	135	0.95	1	1	24.42346
HS20_str_opr	BOBJ1	135	Before	Right Exterior Girder	135	0.95	1	1	35.128739
HS20_str_opr	BOBJ1	135	After	Left Exterior Girder	135	0.95	1	1	32.412361
HS20_str_opr	BOBJ1	135	After	Interior Girder 1	135	0.95	1	1	25.398885
HS20_str_opr	BOBJ1	135	After	Interior Girder 2	135	0.95	1	1	25.398886
HS20_str_opr	BOBJ1	135	After	Right Exterior Girder	135	0.95	1	1	32.41236
HS20_str_opr	BOBJ1	146.25	Before	Left Exterior Girder	146.25	0.95	1	1	32.064102
HS20_str_opr	BOBJ1	146.25	Before	Interior Girder 1	146.25	0.95	1	1	25.092837
HS20_str_opr	BOBJ1	146.25	Before	Interior Girder 2	146.25	0.95	1	1	25.092839
HS20_str_opr	BOBJ1	146.25	Before	Right Exterior Girder	146.25	0.95	1	1	32.0641
HS20_str_opr	BOBJ1	146.25	After	Left Exterior Girder	146.25	0.95	1	1	29.767763
HS20_str_opr	BOBJ1	146.25	After	Interior Girder 1	146.25	0.95	1	1	22.276221
HS20_str_opr	BOBJ1	146.25	After	Interior Girder 2	146.25	0.95	1	1	22.276222
HS20_str_opr	BOBJ1	146.25	After	Right Exterior Girder	146.25	0.95	1	1	29.767761

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Main Span Girders									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
HS20_str_opr	BOBJ1	157.5	Before	Left Exterior Girder	157.5	0.95	1	1	29.442523
HS20_str_opr	BOBJ1	157.5	Before	Interior Girder 1	157.5	0.95	1	1	22.003228
HS20_str_opr	BOBJ1	157.5	Before	Interior Girder 2	157.5	0.95	1	1	22.003229
HS20_str_opr	BOBJ1	157.5	Before	Right Exterior Girder	157.5	0.95	1	1	29.442522
HS20_str_opr	BOBJ1	157.5	After	Left Exterior Girder	157.5	0.95	1	1	27.271213
HS20_str_opr	BOBJ1	157.5	After	Interior Girder 1	157.5	0.95	1	1	21.433209
HS20_str_opr	BOBJ1	157.5	After	Interior Girder 2	157.5	0.95	1	1	21.433208
HS20_str_opr	BOBJ1	157.5	After	Right Exterior Girder	157.5	0.95	1	1	27.271212
HS20_str_opr	BOBJ1	168.2522	Before	Left Exterior Girder	168.2522	0.95	1	1	26.981036
HS20_str_opr	BOBJ1	168.2522	Before	Interior Girder 1	168.2522	0.95	1	1	21.177403
HS20_str_opr	BOBJ1	168.2522	Before	Interior Girder 2	168.2522	0.95	1	1	21.177402
HS20_str_opr	BOBJ1	168.2522	Before	Right Exterior Girder	168.2522	0.95	1	1	26.981035
HS20_str_opr	BOBJ1	168.2522	After	Left Exterior Girder	168.2522	0.95	1	1	36.496105
HS20_str_opr	BOBJ1	168.2522	After	Interior Girder 1	168.2522	0.95	1	1	28.428694
HS20_str_opr	BOBJ1	168.2522	After	Interior Girder 2	168.2522	0.95	1	1	28.428693
HS20_str_opr	BOBJ1	168.2522	After	Right Exterior Girder	168.2522	0.95	1	1	36.496104
HS20_str_opr	BOBJ1	168.75	Before	Left Exterior Girder	168.75	0.95	1	1	36.48155
HS20_str_opr	BOBJ1	168.75	Before	Interior Girder 1	168.75	0.95	1	1	28.416381
HS20_str_opr	BOBJ1	168.75	Before	Interior Girder 2	168.75	0.95	1	1	28.41638
HS20_str_opr	BOBJ1	168.75	Before	Right Exterior Girder	168.75	0.95	1	1	36.481549
HS20_str_opr	BOBJ1	168.75	After	Left Exterior Girder	168.75	0.95	1	1	39.757062
HS20_str_opr	BOBJ1	168.75	After	Interior Girder 1	168.75	0.95	1	1	29.308612
HS20_str_opr	BOBJ1	168.75	After	Interior Girder 2	168.75	0.95	1	1	29.30861
HS20_str_opr	BOBJ1	168.75	After	Right Exterior Girder	168.75	0.95	1	1	39.757062
HS20_str_opr	BOBJ1	180	Before	Left Exterior Girder	180	0.95	1	1	39.400126
HS20_str_opr	BOBJ1	180	Before	Interior Girder 1	180	0.95	1	1	29.019283
HS20_str_opr	BOBJ1	180	Before	Interior Girder 2	180	0.95	1	1	29.019281
HS20_str_opr	BOBJ1	180	Before	Right Exterior Girder	180	0.95	1	1	39.400125
HS20_str_opr	BOBJ1	180	After	Left Exterior Girder	180	0.95	1	1	36.77707
HS20_str_opr	BOBJ1	180	After	Interior Girder 1	180	0.95	1	1	26.729098
HS20_str_opr	BOBJ1	180	After	Interior Girder 2	180	0.95	1	1	26.729097
HS20_str_opr	BOBJ1	180	After	Right Exterior Girder	180	0.95	1	1	36.777072
HS20_str_opr	BOBJ1	183.1858	Before	Left Exterior Girder	183.1858	0.95	1	1	36.682287
HS20_str_opr	BOBJ1	183.1858	Before	Interior Girder 1	183.1858	0.95	1	1	26.653441
HS20_str_opr	BOBJ1	183.1858	Before	Interior Girder 2	183.1858	0.95	1	1	26.653439
HS20_str_opr	BOBJ1	183.1858	Before	Right Exterior Girder	183.1858	0.95	1	1	36.682289
HS20_str_opr	BOBJ1	183.1858	After	Left Exterior Girder	183.1858	0.95	1	1	58.566764
HS20_str_opr	BOBJ1	183.1858	After	Interior Girder 1	183.1858	0.95	1	1	41.623605
HS20_str_opr	BOBJ1	183.1858	After	Interior Girder 2	183.1858	0.95	1	1	41.623603
HS20_str_opr	BOBJ1	183.1858	After	Right Exterior Girder	183.1858	0.95	1	1	58.566767
HS20_str_opr	BOBJ1	191.25	Before	Left Exterior Girder	191.25	0.95	1	1	58.261856
HS20_str_opr	BOBJ1	191.25	Before	Interior Girder 1	191.25	0.95	1	1	41.389839
HS20_str_opr	BOBJ1	191.25	Before	Interior Girder 2	191.25	0.95	1	1	41.389837
HS20_str_opr	BOBJ1	191.25	Before	Right Exterior Girder	191.25	0.95	1	1	58.261859
HS20_str_opr	BOBJ1	191.25	After	Left Exterior Girder	191.25	0.95	1	1	56.720748
HS20_str_opr	BOBJ1	191.25	After	Interior Girder 1	191.25	0.95	1	1	38.276861
HS20_str_opr	BOBJ1	191.25	After	Interior Girder 2	191.25	0.95	1	1	38.27686
HS20_str_opr	BOBJ1	191.25	After	Right Exterior Girder	191.25	0.95	1	1	56.720751
HS20_str_opr	BOBJ1	199.9414	Before	Left Exterior Girder	199.9414	0.95	1	1	56.400213
HS20_str_opr	BOBJ1	199.9414	Before	Interior Girder 1	199.9414	0.95	1	1	38.043469
HS20_str_opr	BOBJ1	199.9414	Before	Interior Girder 2	199.9414	0.95	1	1	38.043468
HS20_str_opr	BOBJ1	199.9414	Before	Right Exterior Girder	199.9414	0.95	1	1	56.400216
HS20_str_opr	BOBJ1	199.9414	After	Left Exterior Girder	199.9414	0.95	1	1	71.939581
HS20_str_opr	BOBJ1	199.9414	After	Interior Girder 1	199.9414	0.95	1	1	46.040847
HS20_str_opr	BOBJ1	199.9414	After	Interior Girder 2	199.9414	0.95	1	1	46.040846
HS20_str_opr	BOBJ1	199.9414	After	Right Exterior Girder	199.9414	0.95	1	1	71.939584
HS20_str_opr	BOBJ1	202.5	Before	Left Exterior Girder	202.5	0.95	1	1	71.832001
HS20_str_opr	BOBJ1	202.5	Before	Interior Girder 1	202.5	0.95	1	1	45.967439
HS20_str_opr	BOBJ1	202.5	Before	Interior Girder 2	202.5	0.95	1	1	45.967438
HS20_str_opr	BOBJ1	202.5	Before	Right Exterior Girder	202.5	0.95	1	1	71.832004
HS20_str_opr	BOBJ1	202.5	After	Left Exterior Girder	202.5	0.95	1	1	72.392103
HS20_str_opr	BOBJ1	202.5	After	Interior Girder 1	202.5	0.95	1	1	46.376859
HS20_str_opr	BOBJ1	202.5	After	Interior Girder 2	202.5	0.95	1	1	46.376859
HS20_str_opr	BOBJ1	202.5	After	Right Exterior Girder	202.5	0.95	1	1	72.392105
HS20_str_opr	BOBJ1	210.5642	Before	Left Exterior Girder	210.5642	0.95	1	1	72.050045
HS20_str_opr	BOBJ1	210.5642	Before	Interior Girder 1	210.5642	0.95	1	1	46.143005
HS20_str_opr	BOBJ1	210.5642	Before	Interior Girder 2	210.5642	0.95	1	1	46.143005
HS20_str_opr	BOBJ1	210.5642	Before	Right Exterior Girder	210.5642	0.95	1	1	72.050047

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Main Span Girders									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
HS20_str_opr	BOBJ1	210.5642	After	Left Exterior Girder	210.5642	0.95	1	1	87.45115
HS20_str_opr	BOBJ1	210.5642	After	Interior Girder 1	210.5642	0.95	1	1	53.59931
HS20_str_opr	BOBJ1	210.5642	After	Interior Girder 2	210.5642	0.95	1	1	53.599309
HS20_str_opr	BOBJ1	210.5642	After	Right Exterior Girder	210.5642	0.95	1	1	87.451152
HS20_str_opr	BOBJ1	213.75	Before	Left Exterior Girder	213.75	0.95	1	1	87.299204
HS20_str_opr	BOBJ1	213.75	Before	Interior Girder 1	213.75	0.95	1	1	53.500764
HS20_str_opr	BOBJ1	213.75	Before	Interior Girder 2	213.75	0.95	1	1	53.500764
HS20_str_opr	BOBJ1	213.75	Before	Right Exterior Girder	213.75	0.95	1	1	87.299206
HS20_str_opr	BOBJ1	213.75	After	Left Exterior Girder	213.75	0.95	1	1	87.361726
HS20_str_opr	BOBJ1	213.75	After	Interior Girder 1	213.75	0.95	1	1	52.201186
HS20_str_opr	BOBJ1	213.75	After	Interior Girder 2	213.75	0.95	1	1	52.201185
HS20_str_opr	BOBJ1	213.75	After	Right Exterior Girder	213.75	0.95	1	1	87.361728
HS20_str_opr	BOBJ1	225	Before	Left Exterior Girder	225	0.95	1	1	86.824344
HS20_str_opr	BOBJ1	225	Before	Interior Girder 1	225	0.95	1	1	51.861309
HS20_str_opr	BOBJ1	225	Before	Interior Girder 2	225	0.95	1	1	51.861309
HS20_str_opr	BOBJ1	225	Before	Right Exterior Girder	225	0.95	1	1	86.824346
HS20_str_opr	BOBJ1	225	After	Left Exterior Girder	0	0.95	1	1	81.713432
HS20_str_opr	BOBJ1	225	After	Interior Girder 1	0	0.95	1	1	48.797279
HS20_str_opr	BOBJ1	225	After	Interior Girder 2	0	0.95	1	1	48.797279
HS20_str_opr	BOBJ1	225	After	Right Exterior Girder	0	0.95	1	1	81.713431
HS20_str_opr	BOBJ1	236.45	Before	Left Exterior Girder	11.45	0.95	1	1	83.873239
HS20_str_opr	BOBJ1	236.45	Before	Interior Girder 1	11.45	0.95	1	1	52.055275
HS20_str_opr	BOBJ1	236.45	Before	Interior Girder 2	11.45	0.95	1	1	52.055275
HS20_str_opr	BOBJ1	236.45	Before	Right Exterior Girder	11.45	0.95	1	1	83.873238
HS20_str_opr	BOBJ1	236.45	After	Left Exterior Girder	11.45	0.95	1	1	83.76266
HS20_str_opr	BOBJ1	236.45	After	Interior Girder 1	11.45	0.95	1	1	52.64122
HS20_str_opr	BOBJ1	236.45	After	Interior Girder 2	11.45	0.95	1	1	52.64122
HS20_str_opr	BOBJ1	236.45	After	Right Exterior Girder	11.45	0.95	1	1	83.762659
HS20_str_opr	BOBJ1	239.5082	Before	Left Exterior Girder	14.5082	0.95	1	1	83.904082
HS20_str_opr	BOBJ1	239.5082	Before	Interior Girder 1	14.5082	0.95	1	1	52.735233
HS20_str_opr	BOBJ1	239.5082	Before	Interior Girder 2	14.5082	0.95	1	1	52.735233
HS20_str_opr	BOBJ1	239.5082	Before	Right Exterior Girder	14.5082	0.95	1	1	83.904081
HS20_str_opr	BOBJ1	239.5082	After	Left Exterior Girder	14.5082	0.95	1	1	68.808449
HS20_str_opr	BOBJ1	239.5082	After	Interior Girder 1	14.5082	0.95	1	1	45.31373
HS20_str_opr	BOBJ1	239.5082	After	Interior Girder 2	14.5082	0.95	1	1	45.31373
HS20_str_opr	BOBJ1	239.5082	After	Right Exterior Girder	14.5082	0.95	1	1	68.808448
HS20_str_opr	BOBJ1	247.9	Before	Left Exterior Girder	22.9	0.95	1	1	69.152862
HS20_str_opr	BOBJ1	247.9	Before	Interior Girder 1	22.9	0.95	1	1	45.555746
HS20_str_opr	BOBJ1	247.9	Before	Interior Girder 2	22.9	0.95	1	1	45.555747
HS20_str_opr	BOBJ1	247.9	Before	Right Exterior Girder	22.9	0.95	1	1	69.152861
HS20_str_opr	BOBJ1	247.9	After	Left Exterior Girder	22.9	0.95	1	1	71.749373
HS20_str_opr	BOBJ1	247.9	After	Interior Girder 1	22.9	0.95	1	1	48.869253
HS20_str_opr	BOBJ1	247.9	After	Interior Girder 2	22.9	0.95	1	1	48.869254
HS20_str_opr	BOBJ1	247.9	After	Right Exterior Girder	22.9	0.95	1	1	71.749371
HS20_str_opr	BOBJ1	258.5189	Before	Left Exterior Girder	33.5189	0.95	1	1	72.200522
HS20_str_opr	BOBJ1	258.5189	Before	Interior Girder 1	33.5189	0.95	1	1	49.197113
HS20_str_opr	BOBJ1	258.5189	Before	Interior Girder 2	33.5189	0.95	1	1	49.197114
HS20_str_opr	BOBJ1	258.5189	Before	Right Exterior Girder	33.5189	0.95	1	1	72.200521
HS20_str_opr	BOBJ1	258.5189	After	Left Exterior Girder	33.5189	0.95	1	1	53.088559
HS20_str_opr	BOBJ1	258.5189	After	Interior Girder 1	33.5189	0.95	1	1	38.805298
HS20_str_opr	BOBJ1	258.5189	After	Interior Girder 2	33.5189	0.95	1	1	38.805299
HS20_str_opr	BOBJ1	258.5189	After	Right Exterior Girder	33.5189	0.95	1	1	53.088558
HS20_str_opr	BOBJ1	259.3	Before	Left Exterior Girder	34.3	0.95	1	1	53.116028
HS20_str_opr	BOBJ1	259.3	Before	Interior Girder 1	34.3	0.95	1	1	38.826813
HS20_str_opr	BOBJ1	259.3	Before	Interior Girder 2	34.3	0.95	1	1	38.826813
HS20_str_opr	BOBJ1	259.3	Before	Right Exterior Girder	34.3	0.95	1	1	53.116027
HS20_str_opr	BOBJ1	259.3	After	Left Exterior Girder	34.3	0.95	1	1	55.494252
HS20_str_opr	BOBJ1	259.3	After	Interior Girder 1	34.3	0.95	1	1	39.746599
HS20_str_opr	BOBJ1	259.3	After	Interior Girder 2	34.3	0.95	1	1	39.7466
HS20_str_opr	BOBJ1	259.3	After	Right Exterior Girder	34.3	0.95	1	1	55.494251
HS20_str_opr	BOBJ1	266.1031	Before	Left Exterior Girder	41.1031	0.95	1	1	55.743151
HS20_str_opr	BOBJ1	266.1031	Before	Interior Girder 1	41.1031	0.95	1	1	39.938894
HS20_str_opr	BOBJ1	266.1031	Before	Interior Girder 2	41.1031	0.95	1	1	39.938894
HS20_str_opr	BOBJ1	266.1031	Before	Right Exterior Girder	41.1031	0.95	1	1	55.74315
HS20_str_opr	BOBJ1	266.1031	After	Left Exterior Girder	41.1031	0.95	1	1	34.982902
HS20_str_opr	BOBJ1	266.1031	After	Interior Girder 1	41.1031	0.95	1	1	25.809413
HS20_str_opr	BOBJ1	266.1031	After	Interior Girder 2	41.1031	0.95	1	1	25.809413
HS20_str_opr	BOBJ1	266.1031	After	Right Exterior Girder	41.1031	0.95	1	1	34.982901

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Main Span Girders									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
HS20_str_opr	BOBJ1	270.7	Before	Left Exterior Girder	45.7	0.95	1	1	35.116747
HS20_str_opr	BOBJ1	270.7	Before	Interior Girder 1	45.7	0.95	1	1	25.917942
HS20_str_opr	BOBJ1	270.7	Before	Interior Girder 2	45.7	0.95	1	1	25.917942
HS20_str_opr	BOBJ1	270.7	Before	Right Exterior Girder	45.7	0.95	1	1	35.116746
HS20_str_opr	BOBJ1	270.7	After	Left Exterior Girder	45.7	0.95	1	1	35.514717
HS20_str_opr	BOBJ1	270.7	After	Interior Girder 1	45.7	0.95	1	1	25.182799
HS20_str_opr	BOBJ1	270.7	After	Interior Girder 2	45.7	0.95	1	1	25.182799
HS20_str_opr	BOBJ1	270.7	After	Right Exterior Girder	45.7	0.95	1	1	35.514716
HS20_str_opr	BOBJ1	273.6874	Before	Left Exterior Girder	48.6874	0.95	1	1	35.602517
HS20_str_opr	BOBJ1	273.6874	Before	Interior Girder 1	48.6874	0.95	1	1	25.251115
HS20_str_opr	BOBJ1	273.6874	Before	Interior Girder 2	48.6874	0.95	1	1	25.251115
HS20_str_opr	BOBJ1	273.6874	Before	Right Exterior Girder	48.6874	0.95	1	1	35.602516
HS20_str_opr	BOBJ1	273.6874	After	Left Exterior Girder	48.6874	0.95	1	1	23.440024
HS20_str_opr	BOBJ1	273.6874	After	Interior Girder 1	48.6874	0.95	1	1	17.510598
HS20_str_opr	BOBJ1	273.6874	After	Interior Girder 2	48.6874	0.95	1	1	17.510599
HS20_str_opr	BOBJ1	273.6874	After	Right Exterior Girder	48.6874	0.95	1	1	23.440023
HS20_str_opr	BOBJ1	282.15	Before	Left Exterior Girder	57.15	0.95	1	1	23.649741
HS20_str_opr	BOBJ1	282.15	Before	Interior Girder 1	57.15	0.95	1	1	17.686333
HS20_str_opr	BOBJ1	282.15	Before	Interior Girder 2	57.15	0.95	1	1	17.686333
HS20_str_opr	BOBJ1	282.15	Before	Right Exterior Girder	57.15	0.95	1	1	23.64974
HS20_str_opr	BOBJ1	282.15	After	Left Exterior Girder	57.15	0.95	1	1	24.060137
HS20_str_opr	BOBJ1	282.15	After	Interior Girder 1	57.15	0.95	1	1	18.499873
HS20_str_opr	BOBJ1	282.15	After	Interior Girder 2	57.15	0.95	1	1	18.499873
HS20_str_opr	BOBJ1	282.15	After	Right Exterior Girder	57.15	0.95	1	1	24.060136
HS20_str_opr	BOBJ1	293.6	Before	Left Exterior Girder	68.6	0.95	1	1	25.325236
HS20_str_opr	BOBJ1	293.6	Before	Interior Girder 1	68.6	0.95	1	1	20.086798
HS20_str_opr	BOBJ1	293.6	Before	Interior Girder 2	68.6	0.95	1	1	20.086798
HS20_str_opr	BOBJ1	293.6	Before	Right Exterior Girder	68.6	0.95	1	1	25.325235
HS20_str_opr	BOBJ1	293.6	After	Left Exterior Girder	68.6	0.95	1	1	25.973956
HS20_str_opr	BOBJ1	293.6	After	Interior Girder 1	68.6	0.95	1	1	19.106739
HS20_str_opr	BOBJ1	293.6	After	Interior Girder 2	68.6	0.95	1	1	19.10674
HS20_str_opr	BOBJ1	293.6	After	Right Exterior Girder	68.6	0.95	1	1	25.973957
HS20_str_opr	BOBJ1	305	Before	Left Exterior Girder	80	0.95	1	1	27.449059
HS20_str_opr	BOBJ1	305	Before	Interior Girder 1	80	0.95	1	1	20.698001
HS20_str_opr	BOBJ1	305	Before	Interior Girder 2	80	0.95	1	1	20.698002
HS20_str_opr	BOBJ1	305	Before	Right Exterior Girder	80	0.95	1	1	27.449061
HS20_str_opr	BOBJ1	305	After	Left Exterior Girder	80	0.95	1	1	26.923333
HS20_str_opr	BOBJ1	305	After	Interior Girder 1	80	0.95	1	1	20.731842
HS20_str_opr	BOBJ1	305	After	Interior Girder 2	80	0.95	1	1	20.731841
HS20_str_opr	BOBJ1	305	After	Right Exterior Girder	80	0.95	1	1	26.923335
HS20_str_opr	BOBJ1	306.9561	Before	Left Exterior Girder	81.9561	0.95	1	1	26.976479
HS20_str_opr	BOBJ1	306.9561	Before	Interior Girder 1	81.9561	0.95	1	1	20.77741
HS20_str_opr	BOBJ1	306.9561	Before	Interior Girder 2	81.9561	0.95	1	1	20.777409
HS20_str_opr	BOBJ1	306.9561	Before	Right Exterior Girder	81.9561	0.95	1	1	26.976481
HS20_str_opr	BOBJ1	306.9561	After	Left Exterior Girder	81.9561	0.95	1	1	49.227386
HS20_str_opr	BOBJ1	306.9561	After	Interior Girder 1	81.9561	0.95	1	1	38.732994
HS20_str_opr	BOBJ1	306.9561	After	Interior Girder 2	81.9561	0.95	1	1	38.732994
HS20_str_opr	BOBJ1	306.9561	After	Right Exterior Girder	81.9561	0.95	1	1	49.22739
HS20_str_opr	BOBJ1	316.4	Before	Left Exterior Girder	91.4	0.95	1	1	49.581441
HS20_str_opr	BOBJ1	316.4	Before	Interior Girder 1	91.4	0.95	1	1	39.038306
HS20_str_opr	BOBJ1	316.4	Before	Interior Girder 2	91.4	0.95	1	1	39.038306
HS20_str_opr	BOBJ1	316.4	Before	Right Exterior Girder	91.4	0.95	1	1	49.581445
HS20_str_opr	BOBJ1	316.4	After	Left Exterior Girder	91.4	0.95	1	1	51.155647
HS20_str_opr	BOBJ1	316.4	After	Interior Girder 1	91.4	0.95	1	1	36.148628
HS20_str_opr	BOBJ1	316.4	After	Interior Girder 2	91.4	0.95	1	1	36.148628
HS20_str_opr	BOBJ1	316.4	After	Right Exterior Girder	91.4	0.95	1	1	51.155649
HS20_str_opr	BOBJ1	327.85	Before	Left Exterior Girder	102.9679	0.95	1	1	54.060942
HS20_str_opr	BOBJ1	327.85	Before	Interior Girder 1	102.9679	0.95	1	1	39.210196
HS20_str_opr	BOBJ1	327.85	Before	Interior Girder 2	102.9679	0.95	1	1	39.210197
HS20_str_opr	BOBJ1	327.85	Before	Right Exterior Girder	102.9679	0.95	1	1	54.060943
HS20_str_opr	BOBJ1	327.85	After	Left Exterior Girder	102.9679	0.95	1	1	84.562762
HS20_str_opr	BOBJ1	327.85	After	Interior Girder 1	102.9679	0.95	1	1	61.726824
HS20_str_opr	BOBJ1	327.85	After	Interior Girder 2	102.9679	0.95	1	1	61.726825
HS20_str_opr	BOBJ1	327.85	After	Right Exterior Girder	102.9679	0.95	1	1	84.562764
HS20_str_opr	BOBJ1	339.3	Before	Left Exterior Girder	114.3	0.95	1	1	89.354193
HS20_str_opr	BOBJ1	339.3	Before	Interior Girder 1	114.3	0.95	1	1	66.749152
HS20_str_opr	BOBJ1	339.3	Before	Interior Girder 2	114.3	0.95	1	1	66.749154
HS20_str_opr	BOBJ1	339.3	Before	Right Exterior Girder	114.3	0.95	1	1	89.354195

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Main Span Girders									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
HS20_str_opr	BOBJ1	339.3	After	Left Exterior Girder	114.3	0.95	1	1	92.567375
HS20_str_opr	BOBJ1	339.3	After	Interior Girder 1	114.3	0.95	1	1	61.201757
HS20_str_opr	BOBJ1	339.3	After	Interior Girder 2	114.3	0.95	1	1	61.201755
HS20_str_opr	BOBJ1	339.3	After	Right Exterior Girder	114.3	0.95	1	1	92.567372
HS20_str_opr	BOBJ1	350.7	Before	Left Exterior Girder	125.7	0.95	1	1	98.203672
HS20_str_opr	BOBJ1	350.7	Before	Interior Girder 1	125.7	0.95	1	1	66.430758
HS20_str_opr	BOBJ1	350.7	Before	Interior Girder 2	125.7	0.95	1	1	66.430755
HS20_str_opr	BOBJ1	350.7	Before	Right Exterior Girder	125.7	0.95	1	1	98.20367
HS20_str_opr	BOBJ1	350.7	After	Left Exterior Girder	125.7	0.95	1	1	100.834666
HS20_str_opr	BOBJ1	350.7	After	Interior Girder 1	125.7	0.95	1	1	68.29744
HS20_str_opr	BOBJ1	350.7	After	Interior Girder 2	125.7	0.95	1	1	68.297438
HS20_str_opr	BOBJ1	350.7	After	Right Exterior Girder	125.7	0.95	1	1	100.834664
HS20_str_opr	BOBJ1	362.1	Before	Left Exterior Girder	137.1	0.95	1	1	107.547529
HS20_str_opr	BOBJ1	362.1	Before	Interior Girder 1	137.1	0.95	1	1	74.177635
HS20_str_opr	BOBJ1	362.1	Before	Interior Girder 2	137.1	0.95	1	1	74.177634
HS20_str_opr	BOBJ1	362.1	Before	Right Exterior Girder	137.1	0.95	1	1	107.54753
HS20_str_opr	BOBJ1	362.1	After	Left Exterior Girder	137.1	0.95	1	1	112.285514
HS20_str_opr	BOBJ1	362.1	After	Interior Girder 1	137.1	0.95	1	1	67.249035
HS20_str_opr	BOBJ1	362.1	After	Interior Girder 2	137.1	0.95	1	1	67.249036
HS20_str_opr	BOBJ1	362.1	After	Right Exterior Girder	137.1	0.95	1	1	112.285505
HS20_str_opr	BOBJ1	373.55	Before	Left Exterior Girder	148.55	0.95	1	1	120.306536
HS20_str_opr	BOBJ1	373.55	Before	Interior Girder 1	148.55	0.95	1	1	73.260906
HS20_str_opr	BOBJ1	373.55	Before	Interior Girder 2	148.55	0.95	1	1	73.260906
HS20_str_opr	BOBJ1	373.55	Before	Right Exterior Girder	148.55	0.95	1	1	120.306525
HS20_str_opr	BOBJ1	373.55	After	Left Exterior Girder	148.55	0.95	1	1	124.281155
HS20_str_opr	BOBJ1	373.55	After	Interior Girder 1	148.55	0.95	1	1	75.411662
HS20_str_opr	BOBJ1	373.55	After	Interior Girder 2	148.55	0.95	1	1	75.411662
HS20_str_opr	BOBJ1	373.55	After	Right Exterior Girder	148.55	0.95	1	1	124.281144
HS20_str_opr	BOBJ1	385	Before	Left Exterior Girder	160	0.95	1	1	134.176977
HS20_str_opr	BOBJ1	385	Before	Interior Girder 1	160	0.95	1	1	73.916117
HS20_str_opr	BOBJ1	385	Before	Interior Girder 2	160	0.95	1	1	73.916116
HS20_str_opr	BOBJ1	385	Before	Right Exterior Girder	160	0.95	1	1	134.176964
HS20_str_opr	BOBJ1	385	After	Left Exterior Girder	160	0.95	1	1	134.176965
HS20_str_opr	BOBJ1	385	After	Interior Girder 1	160	0.95	1	1	73.916112
HS20_str_opr	BOBJ1	385	After	Interior Girder 2	160	0.95	1	1	73.916114
HS20_str_opr	BOBJ1	385	After	Right Exterior Girder	160	0.95	1	1	134.176979
HS20_str_opr	BOBJ1	396.45	Before	Left Exterior Girder	171.45	0.95	1	1	124.281142
HS20_str_opr	BOBJ1	396.45	Before	Interior Girder 1	171.45	0.95	1	1	75.411666
HS20_str_opr	BOBJ1	396.45	Before	Interior Girder 2	171.45	0.95	1	1	75.411664
HS20_str_opr	BOBJ1	396.45	Before	Right Exterior Girder	171.45	0.95	1	1	124.281154
HS20_str_opr	BOBJ1	396.45	After	Left Exterior Girder	171.45	0.95	1	1	120.306522
HS20_str_opr	BOBJ1	396.45	After	Interior Girder 1	171.45	0.95	1	1	73.26091
HS20_str_opr	BOBJ1	396.45	After	Interior Girder 2	171.45	0.95	1	1	73.260908
HS20_str_opr	BOBJ1	396.45	After	Right Exterior Girder	171.45	0.95	1	1	120.306533
HS20_str_opr	BOBJ1	407.9	Before	Left Exterior Girder	182.9	0.95	1	1	112.285502
HS20_str_opr	BOBJ1	407.9	Before	Interior Girder 1	182.9	0.95	1	1	67.24904
HS20_str_opr	BOBJ1	407.9	Before	Interior Girder 2	182.9	0.95	1	1	67.249038
HS20_str_opr	BOBJ1	407.9	Before	Right Exterior Girder	182.9	0.95	1	1	112.285512
HS20_str_opr	BOBJ1	407.9	After	Left Exterior Girder	182.9	0.95	1	1	107.547521
HS20_str_opr	BOBJ1	407.9	After	Interior Girder 1	182.9	0.95	1	1	74.177641
HS20_str_opr	BOBJ1	407.9	After	Interior Girder 2	182.9	0.95	1	1	74.177638
HS20_str_opr	BOBJ1	407.9	After	Right Exterior Girder	182.9	0.95	1	1	107.547524
HS20_str_opr	BOBJ1	419.3	Before	Left Exterior Girder	194.3	0.95	1	1	100.834657
HS20_str_opr	BOBJ1	419.3	Before	Interior Girder 1	194.3	0.95	1	1	68.297443
HS20_str_opr	BOBJ1	419.3	Before	Interior Girder 2	194.3	0.95	1	1	68.297441
HS20_str_opr	BOBJ1	419.3	Before	Right Exterior Girder	194.3	0.95	1	1	100.834661
HS20_str_opr	BOBJ1	419.3	After	Left Exterior Girder	194.3	0.95	1	1	98.203663
HS20_str_opr	BOBJ1	419.3	After	Interior Girder 1	194.3	0.95	1	1	66.43076
HS20_str_opr	BOBJ1	419.3	After	Interior Girder 2	194.3	0.95	1	1	66.430758
HS20_str_opr	BOBJ1	419.3	After	Right Exterior Girder	194.3	0.95	1	1	98.203668
HS20_str_opr	BOBJ1	430.7	Before	Left Exterior Girder	205.7	0.95	1	1	92.567366
HS20_str_opr	BOBJ1	430.7	Before	Interior Girder 1	205.7	0.95	1	1	61.20176
HS20_str_opr	BOBJ1	430.7	Before	Interior Girder 2	205.7	0.95	1	1	61.201757
HS20_str_opr	BOBJ1	430.7	Before	Right Exterior Girder	205.7	0.95	1	1	92.567371
HS20_str_opr	BOBJ1	430.7	After	Left Exterior Girder	205.7	0.95	1	1	89.354192
HS20_str_opr	BOBJ1	430.7	After	Interior Girder 1	205.7	0.95	1	1	66.749154
HS20_str_opr	BOBJ1	430.7	After	Interior Girder 2	205.7	0.95	1	1	66.749151
HS20_str_opr	BOBJ1	430.7	After	Right Exterior Girder	205.7	0.95	1	1	89.3542

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Main Span Girders									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
HS20_str_opr	BOBJ1	442.15	Before	Left Exterior Girder	217.0321	0.95	1	1	84.562762
HS20_str_opr	BOBJ1	442.15	Before	Interior Girder 1	217.0321	0.95	1	1	61.726824
HS20_str_opr	BOBJ1	442.15	Before	Interior Girder 2	217.0321	0.95	1	1	61.726823
HS20_str_opr	BOBJ1	442.15	Before	Right Exterior Girder	217.0321	0.95	1	1	84.562769
HS20_str_opr	BOBJ1	442.15	After	Left Exterior Girder	217.0321	0.95	1	1	54.060941
HS20_str_opr	BOBJ1	442.15	After	Interior Girder 1	217.0321	0.95	1	1	39.210196
HS20_str_opr	BOBJ1	442.15	After	Interior Girder 2	217.0321	0.95	1	1	39.210195
HS20_str_opr	BOBJ1	442.15	After	Right Exterior Girder	217.0321	0.95	1	1	54.060946
HS20_str_opr	BOBJ1	453.6	Before	Left Exterior Girder	228.6	0.95	1	1	51.155647
HS20_str_opr	BOBJ1	453.6	Before	Interior Girder 1	228.6	0.95	1	1	36.148629
HS20_str_opr	BOBJ1	453.6	Before	Interior Girder 2	228.6	0.95	1	1	36.148628
HS20_str_opr	BOBJ1	453.6	Before	Right Exterior Girder	228.6	0.95	1	1	51.155651
HS20_str_opr	BOBJ1	453.6	After	Left Exterior Girder	228.6	0.95	1	1	49.581443
HS20_str_opr	BOBJ1	453.6	After	Interior Girder 1	228.6	0.95	1	1	39.038306
HS20_str_opr	BOBJ1	453.6	After	Interior Girder 2	228.6	0.95	1	1	39.038305
HS20_str_opr	BOBJ1	453.6	After	Right Exterior Girder	228.6	0.95	1	1	49.581442
HS20_str_opr	BOBJ1	463.0439	Before	Left Exterior Girder	238.0439	0.95	1	1	49.227388
HS20_str_opr	BOBJ1	463.0439	Before	Interior Girder 1	238.0439	0.95	1	1	38.732994
HS20_str_opr	BOBJ1	463.0439	Before	Interior Girder 2	238.0439	0.95	1	1	38.732992
HS20_str_opr	BOBJ1	463.0439	Before	Right Exterior Girder	238.0439	0.95	1	1	49.227387
HS20_str_opr	BOBJ1	463.0439	After	Left Exterior Girder	238.0439	0.95	1	1	26.97648
HS20_str_opr	BOBJ1	463.0439	After	Interior Girder 1	238.0439	0.95	1	1	20.77741
HS20_str_opr	BOBJ1	463.0439	After	Interior Girder 2	238.0439	0.95	1	1	20.777409
HS20_str_opr	BOBJ1	463.0439	After	Right Exterior Girder	238.0439	0.95	1	1	26.976479
HS20_str_opr	BOBJ1	465	Before	Left Exterior Girder	240	0.95	1	1	26.923333
HS20_str_opr	BOBJ1	465	Before	Interior Girder 1	240	0.95	1	1	20.731842
HS20_str_opr	BOBJ1	465	Before	Interior Girder 2	240	0.95	1	1	20.731841
HS20_str_opr	BOBJ1	465	Before	Right Exterior Girder	240	0.95	1	1	26.923333
HS20_str_opr	BOBJ1	465	After	Left Exterior Girder	240	0.95	1	1	27.44906
HS20_str_opr	BOBJ1	465	After	Interior Girder 1	240	0.95	1	1	20.698001
HS20_str_opr	BOBJ1	465	After	Interior Girder 2	240	0.95	1	1	20.698001
HS20_str_opr	BOBJ1	465	After	Right Exterior Girder	240	0.95	1	1	27.449059
HS20_str_opr	BOBJ1	476.4	Before	Left Exterior Girder	251.4	0.95	1	1	25.973956
HS20_str_opr	BOBJ1	476.4	Before	Interior Girder 1	251.4	0.95	1	1	19.10674
HS20_str_opr	BOBJ1	476.4	Before	Interior Girder 2	251.4	0.95	1	1	19.106739
HS20_str_opr	BOBJ1	476.4	Before	Right Exterior Girder	251.4	0.95	1	1	25.973956
HS20_str_opr	BOBJ1	476.4	After	Left Exterior Girder	251.4	0.95	1	1	25.325235
HS20_str_opr	BOBJ1	476.4	After	Interior Girder 1	251.4	0.95	1	1	20.086799
HS20_str_opr	BOBJ1	476.4	After	Interior Girder 2	251.4	0.95	1	1	20.0868
HS20_str_opr	BOBJ1	476.4	After	Right Exterior Girder	251.4	0.95	1	1	25.325235
HS20_str_opr	BOBJ1	487.85	Before	Left Exterior Girder	262.85	0.95	1	1	24.060135
HS20_str_opr	BOBJ1	487.85	Before	Interior Girder 1	262.85	0.95	1	1	18.499873
HS20_str_opr	BOBJ1	487.85	Before	Interior Girder 2	262.85	0.95	1	1	18.499874
HS20_str_opr	BOBJ1	487.85	Before	Right Exterior Girder	262.85	0.95	1	1	24.060135
HS20_str_opr	BOBJ1	487.85	After	Left Exterior Girder	262.85	0.95	1	1	23.64974
HS20_str_opr	BOBJ1	487.85	After	Interior Girder 1	262.85	0.95	1	1	17.686333
HS20_str_opr	BOBJ1	487.85	After	Interior Girder 2	262.85	0.95	1	1	17.686334
HS20_str_opr	BOBJ1	487.85	After	Right Exterior Girder	262.85	0.95	1	1	23.64974
HS20_str_opr	BOBJ1	496.3126	Before	Left Exterior Girder	271.3126	0.95	1	1	23.440022
HS20_str_opr	BOBJ1	496.3126	Before	Interior Girder 1	271.3126	0.95	1	1	17.510598
HS20_str_opr	BOBJ1	496.3126	Before	Interior Girder 2	271.3126	0.95	1	1	17.5106
HS20_str_opr	BOBJ1	496.3126	Before	Right Exterior Girder	271.3126	0.95	1	1	23.440022
HS20_str_opr	BOBJ1	496.3126	After	Left Exterior Girder	271.3126	0.95	1	1	35.602515
HS20_str_opr	BOBJ1	496.3126	After	Interior Girder 1	271.3126	0.95	1	1	25.251115
HS20_str_opr	BOBJ1	496.3126	After	Interior Girder 2	271.3126	0.95	1	1	25.251116
HS20_str_opr	BOBJ1	496.3126	After	Right Exterior Girder	271.3126	0.95	1	1	35.602515
HS20_str_opr	BOBJ1	499.3	Before	Left Exterior Girder	274.3	0.95	1	1	35.514715
HS20_str_opr	BOBJ1	499.3	Before	Interior Girder 1	274.3	0.95	1	1	25.182799
HS20_str_opr	BOBJ1	499.3	Before	Interior Girder 2	274.3	0.95	1	1	25.1828
HS20_str_opr	BOBJ1	499.3	Before	Right Exterior Girder	274.3	0.95	1	1	35.514714
HS20_str_opr	BOBJ1	499.3	After	Left Exterior Girder	274.3	0.95	1	1	35.116746
HS20_str_opr	BOBJ1	499.3	After	Interior Girder 1	274.3	0.95	1	1	25.917942
HS20_str_opr	BOBJ1	499.3	After	Interior Girder 2	274.3	0.95	1	1	25.917944
HS20_str_opr	BOBJ1	499.3	After	Right Exterior Girder	274.3	0.95	1	1	35.116744
HS20_str_opr	BOBJ1	503.8969	Before	Left Exterior Girder	278.8969	0.95	1	1	34.982902
HS20_str_opr	BOBJ1	503.8969	Before	Interior Girder 1	278.8969	0.95	1	1	25.809413
HS20_str_opr	BOBJ1	503.8969	Before	Interior Girder 2	278.8969	0.95	1	1	25.809414
HS20_str_opr	BOBJ1	503.8969	Before	Right Exterior Girder	278.8969	0.95	1	1	34.9829

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Main Span Girders									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
HS20_str_opr	BOBJ1	503.8969	After	Left Exterior Girder	278.8969	0.95	1	1	55.743151
HS20_str_opr	BOBJ1	503.8969	After	Interior Girder 1	278.8969	0.95	1	1	39.938893
HS20_str_opr	BOBJ1	503.8969	After	Interior Girder 2	278.8969	0.95	1	1	39.938896
HS20_str_opr	BOBJ1	503.8969	After	Right Exterior Girder	278.8969	0.95	1	1	55.743148
HS20_str_opr	BOBJ1	510.7	Before	Left Exterior Girder	285.7	0.95	1	1	55.494252
HS20_str_opr	BOBJ1	510.7	Before	Interior Girder 1	285.7	0.95	1	1	39.746599
HS20_str_opr	BOBJ1	510.7	Before	Interior Girder 2	285.7	0.95	1	1	39.746602
HS20_str_opr	BOBJ1	510.7	Before	Right Exterior Girder	285.7	0.95	1	1	55.494249
HS20_str_opr	BOBJ1	510.7	After	Left Exterior Girder	285.7	0.95	1	1	51.497986
HS20_str_opr	BOBJ1	510.7	After	Interior Girder 1	285.7	0.95	1	1	36.2094
HS20_str_opr	BOBJ1	510.7	After	Interior Girder 2	285.7	0.95	1	1	36.209402
HS20_str_opr	BOBJ1	510.7	After	Right Exterior Girder	285.7	0.95	1	1	51.497983
HS20_str_opr	BOBJ1	511.4811	Before	Left Exterior Girder	286.4811	0.95	1	1	51.471353
HS20_str_opr	BOBJ1	511.4811	Before	Interior Girder 1	286.4811	0.95	1	1	36.189336
HS20_str_opr	BOBJ1	511.4811	Before	Interior Girder 2	286.4811	0.95	1	1	36.189338
HS20_str_opr	BOBJ1	511.4811	Before	Right Exterior Girder	286.4811	0.95	1	1	51.471351
HS20_str_opr	BOBJ1	511.4811	After	Left Exterior Girder	286.4811	0.95	1	1	72.38219
HS20_str_opr	BOBJ1	511.4811	After	Interior Girder 1	286.4811	0.95	1	1	49.503595
HS20_str_opr	BOBJ1	511.4811	After	Interior Girder 2	286.4811	0.95	1	1	49.503597
HS20_str_opr	BOBJ1	511.4811	After	Right Exterior Girder	286.4811	0.95	1	1	72.382186
HS20_str_opr	BOBJ1	522.1	Before	Left Exterior Girder	297.1	0.95	1	1	71.929905
HS20_str_opr	BOBJ1	522.1	Before	Interior Girder 1	297.1	0.95	1	1	49.173693
HS20_str_opr	BOBJ1	522.1	Before	Interior Girder 2	297.1	0.95	1	1	49.173695
HS20_str_opr	BOBJ1	522.1	Before	Right Exterior Girder	297.1	0.95	1	1	71.929901
HS20_str_opr	BOBJ1	522.1	After	Left Exterior Girder	297.1	0.95	1	1	69.150186
HS20_str_opr	BOBJ1	522.1	After	Interior Girder 1	297.1	0.95	1	1	45.530769
HS20_str_opr	BOBJ1	522.1	After	Interior Girder 2	297.1	0.95	1	1	45.530769
HS20_str_opr	BOBJ1	522.1	After	Right Exterior Girder	297.1	0.95	1	1	69.150185
HS20_str_opr	BOBJ1	530.4918	Before	Left Exterior Girder	305.4918	0.95	1	1	68.805787
HS20_str_opr	BOBJ1	530.4918	Before	Interior Girder 1	305.4918	0.95	1	1	45.288885
HS20_str_opr	BOBJ1	530.4918	Before	Interior Girder 2	305.4918	0.95	1	1	45.288885
HS20_str_opr	BOBJ1	530.4918	Before	Right Exterior Girder	305.4918	0.95	1	1	68.805786
HS20_str_opr	BOBJ1	530.4918	After	Left Exterior Girder	305.4918	0.95	1	1	83.904081
HS20_str_opr	BOBJ1	530.4918	After	Interior Girder 1	305.4918	0.95	1	1	52.735234
HS20_str_opr	BOBJ1	530.4918	After	Interior Girder 2	305.4918	0.95	1	1	52.735233
HS20_str_opr	BOBJ1	530.4918	After	Right Exterior Girder	305.4918	0.95	1	1	83.90408
HS20_str_opr	BOBJ1	533.55	Before	Left Exterior Girder	308.55	0.95	1	1	83.762659
HS20_str_opr	BOBJ1	533.55	Before	Interior Girder 1	308.55	0.95	1	1	52.641221
HS20_str_opr	BOBJ1	533.55	Before	Interior Girder 2	308.55	0.95	1	1	52.641221
HS20_str_opr	BOBJ1	533.55	Before	Right Exterior Girder	308.55	0.95	1	1	83.762658
HS20_str_opr	BOBJ1	533.55	After	Left Exterior Girder	308.55	0.95	1	1	83.872886
HS20_str_opr	BOBJ1	533.55	After	Interior Girder 1	308.55	0.95	1	1	52.053907
HS20_str_opr	BOBJ1	533.55	After	Interior Girder 2	308.55	0.95	1	1	52.053907
HS20_str_opr	BOBJ1	533.55	After	Right Exterior Girder	308.55	0.95	1	1	83.872885
HS20_str_opr	BOBJ1	545	Before	Left Exterior Girder	320	0.95	1	1	81.711208
HS20_str_opr	BOBJ1	545	Before	Interior Girder 1	320	0.95	1	1	48.795454
HS20_str_opr	BOBJ1	545	Before	Interior Girder 2	320	0.95	1	1	48.795454
HS20_str_opr	BOBJ1	545	Before	Right Exterior Girder	320	0.95	1	1	81.711207
HS20_str_opr	BOBJ1	545	After	Left Exterior Girder	0	0.95	1	1	86.824345
HS20_str_opr	BOBJ1	545	After	Interior Girder 1	0	0.95	1	1	51.861308
HS20_str_opr	BOBJ1	545	After	Interior Girder 2	0	0.95	1	1	51.861308
HS20_str_opr	BOBJ1	545	After	Right Exterior Girder	0	0.95	1	1	86.824344
HS20_str_opr	BOBJ1	556.25	Before	Left Exterior Girder	11.25	0.95	1	1	87.361727
HS20_str_opr	BOBJ1	556.25	Before	Interior Girder 1	11.25	0.95	1	1	52.201185
HS20_str_opr	BOBJ1	556.25	Before	Interior Girder 2	11.25	0.95	1	1	52.201185
HS20_str_opr	BOBJ1	556.25	Before	Right Exterior Girder	11.25	0.95	1	1	87.361726
HS20_str_opr	BOBJ1	556.25	After	Left Exterior Girder	11.25	0.95	1	1	87.299205
HS20_str_opr	BOBJ1	556.25	After	Interior Girder 1	11.25	0.95	1	1	53.500763
HS20_str_opr	BOBJ1	556.25	After	Interior Girder 2	11.25	0.95	1	1	53.500763
HS20_str_opr	BOBJ1	556.25	After	Right Exterior Girder	11.25	0.95	1	1	87.299204
HS20_str_opr	BOBJ1	559.4358	Before	Left Exterior Girder	14.4358	0.95	1	1	87.451151
HS20_str_opr	BOBJ1	559.4358	Before	Interior Girder 1	14.4358	0.95	1	1	53.599309
HS20_str_opr	BOBJ1	559.4358	Before	Interior Girder 2	14.4358	0.95	1	1	53.599309
HS20_str_opr	BOBJ1	559.4358	Before	Right Exterior Girder	14.4358	0.95	1	1	87.45115
HS20_str_opr	BOBJ1	559.4358	After	Left Exterior Girder	14.4358	0.95	1	1	72.050046
HS20_str_opr	BOBJ1	559.4358	After	Interior Girder 1	14.4358	0.95	1	1	46.143118
HS20_str_opr	BOBJ1	559.4358	After	Interior Girder 2	14.4358	0.95	1	1	46.143119
HS20_str_opr	BOBJ1	559.4358	After	Right Exterior Girder	14.4358	0.95	1	1	72.050045

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Main Span Girders									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
HS20_str_opr	BOBJ1	567.5	Before	Left Exterior Girder	22.5	0.95	1	1	72.392103
HS20_str_opr	BOBJ1	567.5	Before	Interior Girder 1	22.5	0.95	1	1	46.376973
HS20_str_opr	BOBJ1	567.5	Before	Interior Girder 2	22.5	0.95	1	1	46.376973
HS20_str_opr	BOBJ1	567.5	Before	Right Exterior Girder	22.5	0.95	1	1	72.392103
HS20_str_opr	BOBJ1	567.5	After	Left Exterior Girder	22.5	0.95	1	1	71.832489
HS20_str_opr	BOBJ1	567.5	After	Interior Girder 1	22.5	0.95	1	1	45.968026
HS20_str_opr	BOBJ1	567.5	After	Interior Girder 2	22.5	0.95	1	1	45.968027
HS20_str_opr	BOBJ1	567.5	After	Right Exterior Girder	22.5	0.95	1	1	71.832489
HS20_str_opr	BOBJ1	570.0586	Before	Left Exterior Girder	25.0586	0.95	1	1	71.94007
HS20_str_opr	BOBJ1	570.0586	Before	Interior Girder 1	25.0586	0.95	1	1	46.041436
HS20_str_opr	BOBJ1	570.0586	Before	Interior Girder 2	25.0586	0.95	1	1	46.041436
HS20_str_opr	BOBJ1	570.0586	Before	Right Exterior Girder	25.0586	0.95	1	1	71.940069
HS20_str_opr	BOBJ1	570.0586	After	Left Exterior Girder	25.0586	0.95	1	1	56.400258
HS20_str_opr	BOBJ1	570.0586	After	Interior Girder 1	25.0586	0.95	1	1	38.043586
HS20_str_opr	BOBJ1	570.0586	After	Interior Girder 2	25.0586	0.95	1	1	38.043586
HS20_str_opr	BOBJ1	570.0586	After	Right Exterior Girder	25.0586	0.95	1	1	56.400258
HS20_str_opr	BOBJ1	578.75	Before	Left Exterior Girder	33.75	0.95	1	1	56.720794
HS20_str_opr	BOBJ1	578.75	Before	Interior Girder 1	33.75	0.95	1	1	38.276978
HS20_str_opr	BOBJ1	578.75	Before	Interior Girder 2	33.75	0.95	1	1	38.276979
HS20_str_opr	BOBJ1	578.75	Before	Right Exterior Girder	33.75	0.95	1	1	56.720793
HS20_str_opr	BOBJ1	578.75	After	Left Exterior Girder	33.75	0.95	1	1	58.270092
HS20_str_opr	BOBJ1	578.75	After	Interior Girder 1	33.75	0.95	1	1	41.381892
HS20_str_opr	BOBJ1	578.75	After	Interior Girder 2	33.75	0.95	1	1	41.381892
HS20_str_opr	BOBJ1	578.75	After	Right Exterior Girder	33.75	0.95	1	1	58.270092
HS20_str_opr	BOBJ1	586.8142	Before	Left Exterior Girder	41.8142	0.95	1	1	58.575043
HS20_str_opr	BOBJ1	586.8142	Before	Interior Girder 1	41.8142	0.95	1	1	41.615613
HS20_str_opr	BOBJ1	586.8142	Before	Interior Girder 2	41.8142	0.95	1	1	41.615614
HS20_str_opr	BOBJ1	586.8142	Before	Right Exterior Girder	41.8142	0.95	1	1	58.575043
HS20_str_opr	BOBJ1	586.8142	After	Left Exterior Girder	41.8142	0.95	1	1	36.684267
HS20_str_opr	BOBJ1	586.8142	After	Interior Girder 1	41.8142	0.95	1	1	26.667965
HS20_str_opr	BOBJ1	586.8142	After	Interior Girder 2	41.8142	0.95	1	1	26.667965
HS20_str_opr	BOBJ1	586.8142	After	Right Exterior Girder	41.8142	0.95	1	1	36.684266
HS20_str_opr	BOBJ1	590	Before	Left Exterior Girder	45	0.95	1	1	36.779055
HS20_str_opr	BOBJ1	590	Before	Interior Girder 1	45	0.95	1	1	26.743664
HS20_str_opr	BOBJ1	590	Before	Interior Girder 2	45	0.95	1	1	26.743664
HS20_str_opr	BOBJ1	590	Before	Right Exterior Girder	45	0.95	1	1	36.779054
HS20_str_opr	BOBJ1	590	After	Left Exterior Girder	45	0.95	1	1	39.303499
HS20_str_opr	BOBJ1	590	After	Interior Girder 1	45	0.95	1	1	28.855188
HS20_str_opr	BOBJ1	590	After	Interior Girder 2	45	0.95	1	1	28.855188
HS20_str_opr	BOBJ1	590	After	Right Exterior Girder	45	0.95	1	1	39.303498
HS20_str_opr	BOBJ1	601.25	Before	Left Exterior Girder	56.25	0.95	1	1	39.65956
HS20_str_opr	BOBJ1	601.25	Before	Interior Girder 1	56.25	0.95	1	1	29.142881
HS20_str_opr	BOBJ1	601.25	Before	Interior Girder 2	56.25	0.95	1	1	29.142881
HS20_str_opr	BOBJ1	601.25	Before	Right Exterior Girder	56.25	0.95	1	1	39.65956
HS20_str_opr	BOBJ1	601.25	After	Left Exterior Girder	56.25	0.95	1	1	37.534256
HS20_str_opr	BOBJ1	601.25	After	Interior Girder 1	56.25	0.95	1	1	30.421561
HS20_str_opr	BOBJ1	601.25	After	Interior Girder 2	56.25	0.95	1	1	30.421561
HS20_str_opr	BOBJ1	601.25	After	Right Exterior Girder	56.25	0.95	1	1	37.534256
HS20_str_opr	BOBJ1	601.7478	Before	Left Exterior Girder	56.7478	0.95	1	1	37.549232
HS20_str_opr	BOBJ1	601.7478	Before	Interior Girder 1	56.7478	0.95	1	1	30.434743
HS20_str_opr	BOBJ1	601.7478	Before	Interior Girder 2	56.7478	0.95	1	1	30.434743
HS20_str_opr	BOBJ1	601.7478	Before	Right Exterior Girder	56.7478	0.95	1	1	37.549231
HS20_str_opr	BOBJ1	601.7478	After	Left Exterior Girder	56.7478	0.95	1	1	26.981035
HS20_str_opr	BOBJ1	601.7478	After	Interior Girder 1	56.7478	0.95	1	1	21.177402
HS20_str_opr	BOBJ1	601.7478	After	Interior Girder 2	56.7478	0.95	1	1	21.177402
HS20_str_opr	BOBJ1	601.7478	After	Right Exterior Girder	56.7478	0.95	1	1	26.981035
HS20_str_opr	BOBJ1	612.5	Before	Left Exterior Girder	67.5	0.95	1	1	27.271212
HS20_str_opr	BOBJ1	612.5	Before	Interior Girder 1	67.5	0.95	1	1	21.433209
HS20_str_opr	BOBJ1	612.5	Before	Interior Girder 2	67.5	0.95	1	1	21.433208
HS20_str_opr	BOBJ1	612.5	Before	Right Exterior Girder	67.5	0.95	1	1	27.271212
HS20_str_opr	BOBJ1	612.5	After	Left Exterior Girder	67.5	0.95	1	1	29.442525
HS20_str_opr	BOBJ1	612.5	After	Interior Girder 1	67.5	0.95	1	1	22.00323
HS20_str_opr	BOBJ1	612.5	After	Interior Girder 2	67.5	0.95	1	1	22.003229
HS20_str_opr	BOBJ1	612.5	After	Right Exterior Girder	67.5	0.95	1	1	29.442525
HS20_str_opr	BOBJ1	623.75	Before	Left Exterior Girder	78.75	0.95	1	1	29.767765
HS20_str_opr	BOBJ1	623.75	Before	Interior Girder 1	78.75	0.95	1	1	22.276222
HS20_str_opr	BOBJ1	623.75	Before	Interior Girder 2	78.75	0.95	1	1	22.276222
HS20_str_opr	BOBJ1	623.75	Before	Right Exterior Girder	78.75	0.95	1	1	29.767765

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Main Span Girders									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
HS20_str_opr	BOBJ1	623.75	After	Left Exterior Girder	78.75	0.95	1	1	32.064104
HS20_str_opr	BOBJ1	623.75	After	Interior Girder 1	78.75	0.95	1	1	25.092839
HS20_str_opr	BOBJ1	623.75	After	Interior Girder 2	78.75	0.95	1	1	25.092838
HS20_str_opr	BOBJ1	623.75	After	Right Exterior Girder	78.75	0.95	1	1	32.064105
HS20_str_opr	BOBJ1	635	Before	Left Exterior Girder	90	0.95	1	1	32.412364
HS20_str_opr	BOBJ1	635	Before	Interior Girder 1	90	0.95	1	1	25.398886
HS20_str_opr	BOBJ1	635	Before	Interior Girder 2	90	0.95	1	1	25.398885
HS20_str_opr	BOBJ1	635	Before	Right Exterior Girder	90	0.95	1	1	32.412364
HS20_str_opr	BOBJ1	635	After	Left Exterior Girder	90	0.95	1	1	35.128674
HS20_str_opr	BOBJ1	635	After	Interior Girder 1	90	0.95	1	1	24.42346
HS20_str_opr	BOBJ1	635	After	Interior Girder 2	90	0.95	1	1	24.423458
HS20_str_opr	BOBJ1	635	After	Right Exterior Girder	90	0.95	1	1	35.128676
HS20_str_opr	BOBJ1	643.5619	Before	Left Exterior Girder	98.5619	0.95	1	1	35.413901
HS20_str_opr	BOBJ1	643.5619	Before	Interior Girder 1	98.5619	0.95	1	1	24.646211
HS20_str_opr	BOBJ1	643.5619	Before	Interior Girder 2	98.5619	0.95	1	1	24.646209
HS20_str_opr	BOBJ1	643.5619	Before	Right Exterior Girder	98.5619	0.95	1	1	35.413902
HS20_str_opr	BOBJ1	643.5619	After	Left Exterior Girder	98.5619	0.95	1	1	59.117876
HS20_str_opr	BOBJ1	643.5619	After	Interior Girder 1	98.5619	0.95	1	1	41.11851
HS20_str_opr	BOBJ1	643.5619	After	Interior Girder 2	98.5619	0.95	1	1	41.118508
HS20_str_opr	BOBJ1	643.5619	After	Right Exterior Girder	98.5619	0.95	1	1	59.117879
HS20_str_opr	BOBJ1	646.25	Before	Left Exterior Girder	101.25	0.95	1	1	59.230547
HS20_str_opr	BOBJ1	646.25	Before	Interior Girder 1	101.25	0.95	1	1	41.204555
HS20_str_opr	BOBJ1	646.25	Before	Interior Girder 2	101.25	0.95	1	1	41.204553
HS20_str_opr	BOBJ1	646.25	Before	Right Exterior Girder	101.25	0.95	1	1	59.23055
HS20_str_opr	BOBJ1	646.25	After	Left Exterior Girder	101.25	0.95	1	1	65.669166
HS20_str_opr	BOBJ1	646.25	After	Interior Girder 1	101.25	0.95	1	1	47.451844
HS20_str_opr	BOBJ1	646.25	After	Interior Girder 2	101.25	0.95	1	1	47.451841
HS20_str_opr	BOBJ1	646.25	After	Right Exterior Girder	101.25	0.95	1	1	65.669168
HS20_str_opr	BOBJ1	657.5	Before	Left Exterior Girder	112.5	0.95	1	1	66.190531
HS20_str_opr	BOBJ1	657.5	Before	Interior Girder 1	112.5	0.95	1	1	47.866123
HS20_str_opr	BOBJ1	657.5	Before	Interior Girder 2	112.5	0.95	1	1	47.866121
HS20_str_opr	BOBJ1	657.5	Before	Right Exterior Girder	112.5	0.95	1	1	66.190534
HS20_str_opr	BOBJ1	657.5	After	Left Exterior Girder	112.5	0.95	1	1	75.201819
HS20_str_opr	BOBJ1	657.5	After	Interior Girder 1	112.5	0.95	1	1	47.150808
HS20_str_opr	BOBJ1	657.5	After	Interior Girder 2	112.5	0.95	1	1	47.150815
HS20_str_opr	BOBJ1	657.5	After	Right Exterior Girder	112.5	0.95	1	1	75.201813
HS20_str_opr	BOBJ1	668.75	Before	Left Exterior Girder	123.75	0.95	1	1	75.791352
HS20_str_opr	BOBJ1	668.75	Before	Interior Girder 1	123.75	0.95	1	1	47.557465
HS20_str_opr	BOBJ1	668.75	Before	Interior Girder 2	123.75	0.95	1	1	47.557472
HS20_str_opr	BOBJ1	668.75	Before	Right Exterior Girder	123.75	0.95	1	1	75.791346
HS20_str_opr	BOBJ1	668.75	After	Left Exterior Girder	123.75	0.95	1	1	85.95105
HS20_str_opr	BOBJ1	668.75	After	Interior Girder 1	123.75	0.95	1	1	54.317308
HS20_str_opr	BOBJ1	668.75	After	Interior Girder 2	123.75	0.95	1	1	54.317316
HS20_str_opr	BOBJ1	668.75	After	Right Exterior Girder	123.75	0.95	1	1	85.95104
HS20_str_opr	BOBJ1	680	Before	Left Exterior Girder	135	0.95	1	1	86.617329
HS20_str_opr	BOBJ1	680	Before	Interior Girder 1	135	0.95	1	1	54.78051
HS20_str_opr	BOBJ1	680	Before	Interior Girder 2	135	0.95	1	1	54.780518
HS20_str_opr	BOBJ1	680	Before	Right Exterior Girder	135	0.95	1	1	86.617318
HS20_str_opr	BOBJ1	680	After	Left Exterior Girder	135	0.95	1	1	98.339967
HS20_str_opr	BOBJ1	680	After	Interior Girder 1	135	0.95	1	1	53.812263
HS20_str_opr	BOBJ1	680	After	Interior Girder 2	135	0.95	1	1	53.81226
HS20_str_opr	BOBJ1	680	After	Right Exterior Girder	135	0.95	1	1	98.339975
HS20_str_opr	BOBJ1	691.25	Before	Left Exterior Girder	146.25	0.95	1	1	97.610207
HS20_str_opr	BOBJ1	691.25	Before	Interior Girder 1	146.25	0.95	1	1	54.26574
HS20_str_opr	BOBJ1	691.25	Before	Interior Girder 2	146.25	0.95	1	1	54.265738
HS20_str_opr	BOBJ1	691.25	Before	Right Exterior Girder	146.25	0.95	1	1	97.610214
HS20_str_opr	BOBJ1	691.25	After	Left Exterior Girder	146.25	0.95	1	1	85.36312
HS20_str_opr	BOBJ1	691.25	After	Interior Girder 1	146.25	0.95	1	1	52.505648
HS20_str_opr	BOBJ1	691.25	After	Interior Girder 2	146.25	0.95	1	1	52.505651
HS20_str_opr	BOBJ1	691.25	After	Right Exterior Girder	146.25	0.95	1	1	85.363119
HS20_str_opr	BOBJ1	702.5	Before	Left Exterior Girder	157.5	0.95	1	1	84.72281
HS20_str_opr	BOBJ1	702.5	Before	Interior Girder 1	157.5	0.95	1	1	52.072266
HS20_str_opr	BOBJ1	702.5	Before	Interior Girder 2	157.5	0.95	1	1	52.072269
HS20_str_opr	BOBJ1	702.5	Before	Right Exterior Girder	157.5	0.95	1	1	84.722809
HS20_str_opr	BOBJ1	702.5	After	Left Exterior Girder	157.5	0.95	1	1	73.345196
HS20_str_opr	BOBJ1	702.5	After	Interior Girder 1	157.5	0.95	1	1	52.90843
HS20_str_opr	BOBJ1	702.5	After	Interior Girder 2	157.5	0.95	1	1	52.908432
HS20_str_opr	BOBJ1	702.5	After	Right Exterior Girder	157.5	0.95	1	1	73.345189

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Main Span Girders									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
HS20_str_opr	BOBJ1	713.75	Before	Left Exterior Girder	168.75	0.95	1	1	72.788289
HS20_str_opr	BOBJ1	713.75	Before	Interior Girder 1	168.75	0.95	1	1	52.466621
HS20_str_opr	BOBJ1	713.75	Before	Interior Girder 2	168.75	0.95	1	1	52.466623
HS20_str_opr	BOBJ1	713.75	Before	Right Exterior Girder	168.75	0.95	1	1	72.788283
HS20_str_opr	BOBJ1	713.75	After	Left Exterior Girder	168.75	0.95	1	1	65.235314
HS20_str_opr	BOBJ1	713.75	After	Interior Girder 1	168.75	0.95	1	1	45.887965
HS20_str_opr	BOBJ1	713.75	After	Interior Girder 2	168.75	0.95	1	1	45.887965
HS20_str_opr	BOBJ1	713.75	After	Right Exterior Girder	168.75	0.95	1	1	65.235313
HS20_str_opr	BOBJ1	725	Before	Left Exterior Girder	180	0.95	1	1	64.734505
HS20_str_opr	BOBJ1	725	Before	Interior Girder 1	180	0.95	1	1	45.500522
HS20_str_opr	BOBJ1	725	Before	Interior Girder 2	180	0.95	1	1	45.500522
HS20_str_opr	BOBJ1	725	Before	Right Exterior Girder	180	0.95	1	1	64.734503
HS20_str_opr	BOBJ1	725	After	Left Exterior Girder	180	0.95	1	1	57.246794
HS20_str_opr	BOBJ1	725	After	Interior Girder 1	180	0.95	1	1	44.601062
HS20_str_opr	BOBJ1	725	After	Interior Girder 2	180	0.95	1	1	44.60106
HS20_str_opr	BOBJ1	725	After	Right Exterior Girder	180	0.95	1	1	57.2468
HS20_str_opr	BOBJ1	731.1726	Before	Left Exterior Girder	186.1726	0.95	1	1	57.002818
HS20_str_opr	BOBJ1	731.1726	Before	Interior Girder 1	186.1726	0.95	1	1	44.392145
HS20_str_opr	BOBJ1	731.1726	Before	Interior Girder 2	186.1726	0.95	1	1	44.392143
HS20_str_opr	BOBJ1	731.1726	Before	Right Exterior Girder	186.1726	0.95	1	1	57.002824
HS20_str_opr	BOBJ1	731.1726	After	Left Exterior Girder	186.1726	0.95	1	1	33.14721
HS20_str_opr	BOBJ1	731.1726	After	Interior Girder 1	186.1726	0.95	1	1	25.269824
HS20_str_opr	BOBJ1	731.1726	After	Interior Girder 2	186.1726	0.95	1	1	25.269823
HS20_str_opr	BOBJ1	731.1726	After	Right Exterior Girder	186.1726	0.95	1	1	33.147213
HS20_str_opr	BOBJ1	736.25	Before	Left Exterior Girder	191.25	0.95	1	1	32.994385
HS20_str_opr	BOBJ1	736.25	Before	Interior Girder 1	191.25	0.95	1	1	25.139081
HS20_str_opr	BOBJ1	736.25	Before	Interior Girder 2	191.25	0.95	1	1	25.13908
HS20_str_opr	BOBJ1	736.25	Before	Right Exterior Girder	191.25	0.95	1	1	32.994388
HS20_str_opr	BOBJ1	736.25	After	Left Exterior Girder	191.25	0.95	1	1	31.947026
HS20_str_opr	BOBJ1	736.25	After	Interior Girder 1	191.25	0.95	1	1	23.724752
HS20_str_opr	BOBJ1	736.25	After	Interior Girder 2	191.25	0.95	1	1	23.724751
HS20_str_opr	BOBJ1	736.25	After	Right Exterior Girder	191.25	0.95	1	1	31.947027
HS20_str_opr	BOBJ1	747.5	Before	Left Exterior Girder	202.5	0.95	1	1	31.617962
HS20_str_opr	BOBJ1	747.5	Before	Interior Girder 1	202.5	0.95	1	1	23.450388
HS20_str_opr	BOBJ1	747.5	Before	Interior Girder 2	202.5	0.95	1	1	23.450387
HS20_str_opr	BOBJ1	747.5	Before	Right Exterior Girder	202.5	0.95	1	1	31.617963
HS20_str_opr	BOBJ1	747.5	After	Left Exterior Girder	202.5	0.95	1	1	28.549861
HS20_str_opr	BOBJ1	747.5	After	Interior Girder 1	202.5	0.95	1	1	21.525826
HS20_str_opr	BOBJ1	747.5	After	Interior Girder 2	202.5	0.95	1	1	21.525825
HS20_str_opr	BOBJ1	747.5	After	Right Exterior Girder	202.5	0.95	1	1	28.549861
HS20_str_opr	BOBJ1	758.75	Before	Left Exterior Girder	213.75	0.95	1	1	28.250296
HS20_str_opr	BOBJ1	758.75	Before	Interior Girder 1	213.75	0.95	1	1	21.272579
HS20_str_opr	BOBJ1	758.75	Before	Interior Girder 2	213.75	0.95	1	1	21.272578
HS20_str_opr	BOBJ1	758.75	Before	Right Exterior Girder	213.75	0.95	1	1	28.250296
HS20_str_opr	BOBJ1	758.75	After	Left Exterior Girder	213.75	0.95	1	1	26.16086
HS20_str_opr	BOBJ1	758.75	After	Interior Girder 1	213.75	0.95	1	1	17.587273
HS20_str_opr	BOBJ1	758.75	After	Interior Girder 2	213.75	0.95	1	1	17.587271
HS20_str_opr	BOBJ1	758.75	After	Right Exterior Girder	213.75	0.95	1	1	26.160861
HS20_str_opr	BOBJ1	770	Before	Left Exterior Girder	225	0.95	1	1	25.88185
HS20_str_opr	BOBJ1	770	Before	Interior Girder 1	225	0.95	1	1	17.376916
HS20_str_opr	BOBJ1	770	Before	Interior Girder 2	225	0.95	1	1	17.376915
HS20_str_opr	BOBJ1	770	Before	Right Exterior Girder	225	0.95	1	1	25.881851
HS20_str_inv	BOBJ1	0	After	Left Exterior Girder	0	0.95	1	1	19.966001
HS20_str_inv	BOBJ1	0	After	Interior Girder 1	0	0.95	1	1	13.405049
HS20_str_inv	BOBJ1	0	After	Interior Girder 2	0	0.95	1	1	13.40505
HS20_str_inv	BOBJ1	0	After	Right Exterior Girder	0	0.95	1	1	19.965999
HS20_str_inv	BOBJ1	11.25	Before	Left Exterior Girder	11.25	0.95	1	1	20.181237
HS20_str_inv	BOBJ1	11.25	Before	Interior Girder 1	11.25	0.95	1	1	13.567324
HS20_str_inv	BOBJ1	11.25	Before	Interior Girder 2	11.25	0.95	1	1	13.567325
HS20_str_inv	BOBJ1	11.25	Before	Right Exterior Girder	11.25	0.95	1	1	20.181236
HS20_str_inv	BOBJ1	11.25	After	Left Exterior Girder	11.25	0.95	1	1	21.793087
HS20_str_inv	BOBJ1	11.25	After	Interior Girder 1	11.25	0.95	1	1	16.410275
HS20_str_inv	BOBJ1	11.25	After	Interior Girder 2	11.25	0.95	1	1	16.410276
HS20_str_inv	BOBJ1	11.25	After	Right Exterior Girder	11.25	0.95	1	1	21.793086
HS20_str_inv	BOBJ1	22.5	Before	Left Exterior Girder	22.5	0.95	1	1	22.02418
HS20_str_inv	BOBJ1	22.5	Before	Interior Girder 1	22.5	0.95	1	1	16.605637
HS20_str_inv	BOBJ1	22.5	Before	Interior Girder 2	22.5	0.95	1	1	16.605638
HS20_str_inv	BOBJ1	22.5	Before	Right Exterior Girder	22.5	0.95	1	1	22.024179

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Main Span Girders									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
HS20_str_inv	BOBJ1	22.5	After	Left Exterior Girder	22.5	0.95	1	1	24.391003
HS20_str_inv	BOBJ1	22.5	After	Interior Girder 1	22.5	0.95	1	1	18.090298
HS20_str_inv	BOBJ1	22.5	After	Interior Girder 2	22.5	0.95	1	1	18.090297
HS20_str_inv	BOBJ1	22.5	After	Right Exterior Girder	22.5	0.95	1	1	24.391002
HS20_str_inv	BOBJ1	33.75	Before	Left Exterior Girder	33.75	0.95	1	1	24.644851
HS20_str_inv	BOBJ1	33.75	Before	Interior Girder 1	33.75	0.95	1	1	18.301951
HS20_str_inv	BOBJ1	33.75	Before	Interior Girder 2	33.75	0.95	1	1	18.30195
HS20_str_inv	BOBJ1	33.75	Before	Right Exterior Girder	33.75	0.95	1	1	24.644851
HS20_str_inv	BOBJ1	33.75	After	Left Exterior Girder	33.75	0.95	1	1	25.452815
HS20_str_inv	BOBJ1	33.75	After	Interior Girder 1	33.75	0.95	1	1	19.393004
HS20_str_inv	BOBJ1	33.75	After	Interior Girder 2	33.75	0.95	1	1	19.393003
HS20_str_inv	BOBJ1	33.75	After	Right Exterior Girder	33.75	0.95	1	1	25.452816
HS20_str_inv	BOBJ1	38.8274	Before	Left Exterior Girder	38.8274	0.95	1	1	25.570709
HS20_str_inv	BOBJ1	38.8274	Before	Interior Girder 1	38.8274	0.95	1	1	19.493863
HS20_str_inv	BOBJ1	38.8274	Before	Interior Girder 2	38.8274	0.95	1	1	19.493862
HS20_str_inv	BOBJ1	38.8274	Before	Right Exterior Girder	38.8274	0.95	1	1	25.570709
HS20_str_inv	BOBJ1	38.8274	After	Left Exterior Girder	38.8274	0.95	1	1	43.97361
HS20_str_inv	BOBJ1	38.8274	After	Interior Girder 1	38.8274	0.95	1	1	34.245366
HS20_str_inv	BOBJ1	38.8274	After	Interior Girder 2	38.8274	0.95	1	1	34.245364
HS20_str_inv	BOBJ1	38.8274	After	Right Exterior Girder	38.8274	0.95	1	1	43.973612
HS20_str_inv	BOBJ1	45	Before	Left Exterior Girder	45	0.95	1	1	44.16182
HS20_str_inv	BOBJ1	45	Before	Interior Girder 1	45	0.95	1	1	34.40653
HS20_str_inv	BOBJ1	45	Before	Interior Girder 2	45	0.95	1	1	34.406529
HS20_str_inv	BOBJ1	45	Before	Right Exterior Girder	45	0.95	1	1	44.161822
HS20_str_inv	BOBJ1	45	After	Left Exterior Girder	45	0.95	1	1	49.938053
HS20_str_inv	BOBJ1	45	After	Interior Girder 1	45	0.95	1	1	35.100401
HS20_str_inv	BOBJ1	45	After	Interior Girder 2	45	0.95	1	1	35.100398
HS20_str_inv	BOBJ1	45	After	Right Exterior Girder	45	0.95	1	1	49.938054
HS20_str_inv	BOBJ1	56.25	Before	Left Exterior Girder	56.25	0.95	1	1	50.324392
HS20_str_inv	BOBJ1	56.25	Before	Interior Girder 1	56.25	0.95	1	1	35.399286
HS20_str_inv	BOBJ1	56.25	Before	Interior Girder 2	56.25	0.95	1	1	35.399282
HS20_str_inv	BOBJ1	56.25	Before	Right Exterior Girder	56.25	0.95	1	1	50.324393
HS20_str_inv	BOBJ1	56.25	After	Left Exterior Girder	56.25	0.95	1	1	56.150972
HS20_str_inv	BOBJ1	56.25	After	Interior Girder 1	56.25	0.95	1	1	40.474249
HS20_str_inv	BOBJ1	56.25	After	Interior Girder 2	56.25	0.95	1	1	40.474244
HS20_str_inv	BOBJ1	56.25	After	Right Exterior Girder	56.25	0.95	1	1	56.150974
HS20_str_inv	BOBJ1	67.5	Before	Left Exterior Girder	67.5	0.95	1	1	56.580586
HS20_str_inv	BOBJ1	67.5	Before	Interior Girder 1	67.5	0.95	1	1	40.815073
HS20_str_inv	BOBJ1	67.5	Before	Interior Girder 2	67.5	0.95	1	1	40.815068
HS20_str_inv	BOBJ1	67.5	Before	Right Exterior Girder	67.5	0.95	1	1	56.580587
HS20_str_inv	BOBJ1	67.5	After	Left Exterior Girder	67.5	0.95	1	1	65.357613
HS20_str_inv	BOBJ1	67.5	After	Interior Girder 1	67.5	0.95	1	1	40.170031
HS20_str_inv	BOBJ1	67.5	After	Interior Girder 2	67.5	0.95	1	1	40.170033
HS20_str_inv	BOBJ1	67.5	After	Right Exterior Girder	67.5	0.95	1	1	65.357599
HS20_str_inv	BOBJ1	78.75	Before	Left Exterior Girder	78.75	0.95	1	1	65.851567
HS20_str_inv	BOBJ1	78.75	Before	Interior Girder 1	78.75	0.95	1	1	40.504354
HS20_str_inv	BOBJ1	78.75	Before	Interior Girder 2	78.75	0.95	1	1	40.504356
HS20_str_inv	BOBJ1	78.75	Before	Right Exterior Girder	78.75	0.95	1	1	65.851552
HS20_str_inv	BOBJ1	78.75	After	Left Exterior Girder	78.75	0.95	1	1	75.299328
HS20_str_inv	BOBJ1	78.75	After	Interior Girder 1	78.75	0.95	1	1	41.862145
HS20_str_inv	BOBJ1	78.75	After	Interior Girder 2	78.75	0.95	1	1	41.862141
HS20_str_inv	BOBJ1	78.75	After	Right Exterior Girder	78.75	0.95	1	1	75.299307
HS20_str_inv	BOBJ1	90	Before	Left Exterior Girder	90	0.95	1	1	75.862286
HS20_str_inv	BOBJ1	90	Before	Interior Girder 1	90	0.95	1	1	41.51232
HS20_str_inv	BOBJ1	90	Before	Interior Girder 2	90	0.95	1	1	41.512316
HS20_str_inv	BOBJ1	90	Before	Right Exterior Girder	90	0.95	1	1	75.862265
HS20_str_inv	BOBJ1	90	After	Left Exterior Girder	90	0.95	1	1	66.819074
HS20_str_inv	BOBJ1	90	After	Interior Girder 1	90	0.95	1	1	42.259254
HS20_str_inv	BOBJ1	90	After	Interior Girder 2	90	0.95	1	1	42.259245
HS20_str_inv	BOBJ1	90	After	Right Exterior Girder	90	0.95	1	1	66.81908
HS20_str_inv	BOBJ1	101.25	Before	Left Exterior Girder	101.25	0.95	1	1	66.305088
HS20_str_inv	BOBJ1	101.25	Before	Interior Girder 1	101.25	0.95	1	1	41.901926
HS20_str_inv	BOBJ1	101.25	Before	Interior Girder 2	101.25	0.95	1	1	41.901918
HS20_str_inv	BOBJ1	101.25	Before	Right Exterior Girder	101.25	0.95	1	1	66.305094
HS20_str_inv	BOBJ1	101.25	After	Left Exterior Girder	101.25	0.95	1	1	58.46761
HS20_str_inv	BOBJ1	101.25	After	Interior Girder 1	101.25	0.95	1	1	36.687189
HS20_str_inv	BOBJ1	101.25	After	Interior Girder 2	101.25	0.95	1	1	36.687183
HS20_str_inv	BOBJ1	101.25	After	Right Exterior Girder	101.25	0.95	1	1	58.467613

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Main Span Girders									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
HS20_str_inv	BOBJ1	112.5	Before	Left Exterior Girder	112.5	0.95	1	1	58.012828
HS20_str_inv	BOBJ1	112.5	Before	Interior Girder 1	112.5	0.95	1	1	36.373483
HS20_str_inv	BOBJ1	112.5	Before	Interior Girder 2	112.5	0.95	1	1	36.373477
HS20_str_inv	BOBJ1	112.5	Before	Right Exterior Girder	112.5	0.95	1	1	58.012831
HS20_str_inv	BOBJ1	112.5	After	Left Exterior Girder	112.5	0.95	1	1	51.061268
HS20_str_inv	BOBJ1	112.5	After	Interior Girder 1	112.5	0.95	1	1	36.925291
HS20_str_inv	BOBJ1	112.5	After	Interior Girder 2	112.5	0.95	1	1	36.925293
HS20_str_inv	BOBJ1	112.5	After	Right Exterior Girder	112.5	0.95	1	1	51.061265
HS20_str_inv	BOBJ1	123.75	Before	Left Exterior Girder	123.75	0.95	1	1	50.659072
HS20_str_inv	BOBJ1	123.75	Before	Interior Girder 1	123.75	0.95	1	1	36.605704
HS20_str_inv	BOBJ1	123.75	Before	Interior Girder 2	123.75	0.95	1	1	36.605706
HS20_str_inv	BOBJ1	123.75	Before	Right Exterior Girder	123.75	0.95	1	1	50.659069
HS20_str_inv	BOBJ1	123.75	After	Left Exterior Girder	123.75	0.95	1	1	45.692108
HS20_str_inv	BOBJ1	123.75	After	Interior Girder 1	123.75	0.95	1	1	31.786368
HS20_str_inv	BOBJ1	123.75	After	Interior Girder 2	123.75	0.95	1	1	31.786371
HS20_str_inv	BOBJ1	123.75	After	Right Exterior Girder	123.75	0.95	1	1	45.692104
HS20_str_inv	BOBJ1	126.4381	Before	Left Exterior Girder	126.4381	0.95	1	1	45.60519
HS20_str_inv	BOBJ1	126.4381	Before	Interior Girder 1	126.4381	0.95	1	1	31.719991
HS20_str_inv	BOBJ1	126.4381	Before	Interior Girder 2	126.4381	0.95	1	1	31.719993
HS20_str_inv	BOBJ1	126.4381	Before	Right Exterior Girder	126.4381	0.95	1	1	45.605187
HS20_str_inv	BOBJ1	126.4381	After	Left Exterior Girder	126.4381	0.95	1	1	27.319347
HS20_str_inv	BOBJ1	126.4381	After	Interior Girder 1	126.4381	0.95	1	1	19.01279
HS20_str_inv	BOBJ1	126.4381	After	Interior Girder 2	126.4381	0.95	1	1	19.012791
HS20_str_inv	BOBJ1	126.4381	After	Right Exterior Girder	126.4381	0.95	1	1	27.319345
HS20_str_inv	BOBJ1	135	Before	Left Exterior Girder	135	0.95	1	1	27.099315
HS20_str_inv	BOBJ1	135	Before	Interior Girder 1	135	0.95	1	1	18.840953
HS20_str_inv	BOBJ1	135	Before	Interior Girder 2	135	0.95	1	1	18.840955
HS20_str_inv	BOBJ1	135	Before	Right Exterior Girder	135	0.95	1	1	27.099313
HS20_str_inv	BOBJ1	135	After	Left Exterior Girder	135	0.95	1	1	25.003821
HS20_str_inv	BOBJ1	135	After	Interior Girder 1	135	0.95	1	1	19.593425
HS20_str_inv	BOBJ1	135	After	Interior Girder 2	135	0.95	1	1	19.593427
HS20_str_inv	BOBJ1	135	After	Right Exterior Girder	135	0.95	1	1	25.00382
HS20_str_inv	BOBJ1	146.25	Before	Left Exterior Girder	146.25	0.95	1	1	24.735164
HS20_str_inv	BOBJ1	146.25	Before	Interior Girder 1	146.25	0.95	1	1	19.357332
HS20_str_inv	BOBJ1	146.25	Before	Interior Girder 2	146.25	0.95	1	1	19.357333
HS20_str_inv	BOBJ1	146.25	Before	Right Exterior Girder	146.25	0.95	1	1	24.735163
HS20_str_inv	BOBJ1	146.25	After	Left Exterior Girder	146.25	0.95	1	1	22.963703
HS20_str_inv	BOBJ1	146.25	After	Interior Girder 1	146.25	0.95	1	1	17.184513
HS20_str_inv	BOBJ1	146.25	After	Interior Girder 2	146.25	0.95	1	1	17.184514
HS20_str_inv	BOBJ1	146.25	After	Right Exterior Girder	146.25	0.95	1	1	22.963702
HS20_str_inv	BOBJ1	157.5	Before	Left Exterior Girder	157.5	0.95	1	1	22.712804
HS20_str_inv	BOBJ1	157.5	Before	Interior Girder 1	157.5	0.95	1	1	16.973919
HS20_str_inv	BOBJ1	157.5	Before	Interior Girder 2	157.5	0.95	1	1	16.97392
HS20_str_inv	BOBJ1	157.5	Before	Right Exterior Girder	157.5	0.95	1	1	22.712803
HS20_str_inv	BOBJ1	157.5	After	Left Exterior Girder	157.5	0.95	1	1	21.037793
HS20_str_inv	BOBJ1	157.5	After	Interior Girder 1	157.5	0.95	1	1	16.53419
HS20_str_inv	BOBJ1	157.5	After	Interior Girder 2	157.5	0.95	1	1	16.534189
HS20_str_inv	BOBJ1	157.5	After	Right Exterior Girder	157.5	0.95	1	1	21.037792
HS20_str_inv	BOBJ1	168.2522	Before	Left Exterior Girder	168.2522	0.95	1	1	20.813942
HS20_str_inv	BOBJ1	168.2522	Before	Interior Girder 1	168.2522	0.95	1	1	16.336854
HS20_str_inv	BOBJ1	168.2522	Before	Interior Girder 2	168.2522	0.95	1	1	16.336853
HS20_str_inv	BOBJ1	168.2522	Before	Right Exterior Girder	168.2522	0.95	1	1	20.813941
HS20_str_inv	BOBJ1	168.2522	After	Left Exterior Girder	168.2522	0.95	1	1	28.154138
HS20_str_inv	BOBJ1	168.2522	After	Interior Girder 1	168.2522	0.95	1	1	21.930707
HS20_str_inv	BOBJ1	168.2522	After	Interior Girder 2	168.2522	0.95	1	1	21.930706
HS20_str_inv	BOBJ1	168.2522	After	Right Exterior Girder	168.2522	0.95	1	1	28.154137
HS20_str_inv	BOBJ1	168.75	Before	Left Exterior Girder	168.75	0.95	1	1	28.14291
HS20_str_inv	BOBJ1	168.75	Before	Interior Girder 1	168.75	0.95	1	1	21.921209
HS20_str_inv	BOBJ1	168.75	Before	Interior Girder 2	168.75	0.95	1	1	21.921208
HS20_str_inv	BOBJ1	168.75	Before	Right Exterior Girder	168.75	0.95	1	1	28.142909
HS20_str_inv	BOBJ1	168.75	After	Left Exterior Girder	168.75	0.95	1	1	30.669734
HS20_str_inv	BOBJ1	168.75	After	Interior Girder 1	168.75	0.95	1	1	22.6095
HS20_str_inv	BOBJ1	168.75	After	Interior Girder 2	168.75	0.95	1	1	22.609499
HS20_str_inv	BOBJ1	168.75	After	Right Exterior Girder	168.75	0.95	1	1	30.669733
HS20_str_inv	BOBJ1	180	Before	Left Exterior Girder	180	0.95	1	1	30.394383
HS20_str_inv	BOBJ1	180	Before	Interior Girder 1	180	0.95	1	1	22.386304
HS20_str_inv	BOBJ1	180	Before	Interior Girder 2	180	0.95	1	1	22.386302
HS20_str_inv	BOBJ1	180	Before	Right Exterior Girder	180	0.95	1	1	30.394382

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Main Span Girders									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
HS20_str_inv	BOBJ1	180	After	Left Exterior Girder	180	0.95	1	1	28.370882
HS20_str_inv	BOBJ1	180	After	Interior Girder 1	180	0.95	1	1	20.61959
HS20_str_inv	BOBJ1	180	After	Interior Girder 2	180	0.95	1	1	20.619589
HS20_str_inv	BOBJ1	180	After	Right Exterior Girder	180	0.95	1	1	28.370884
HS20_str_inv	BOBJ1	183.1858	Before	Left Exterior Girder	183.1858	0.95	1	1	28.297764
HS20_str_inv	BOBJ1	183.1858	Before	Interior Girder 1	183.1858	0.95	1	1	20.561226
HS20_str_inv	BOBJ1	183.1858	Before	Interior Girder 2	183.1858	0.95	1	1	20.561225
HS20_str_inv	BOBJ1	183.1858	Before	Right Exterior Girder	183.1858	0.95	1	1	28.297766
HS20_str_inv	BOBJ1	183.1858	After	Left Exterior Girder	183.1858	0.95	1	1	45.180075
HS20_str_inv	BOBJ1	183.1858	After	Interior Girder 1	183.1858	0.95	1	1	32.109638
HS20_str_inv	BOBJ1	183.1858	After	Interior Girder 2	183.1858	0.95	1	1	32.109637
HS20_str_inv	BOBJ1	183.1858	After	Right Exterior Girder	183.1858	0.95	1	1	45.180077
HS20_str_inv	BOBJ1	191.25	Before	Left Exterior Girder	191.25	0.95	1	1	44.94486
HS20_str_inv	BOBJ1	191.25	Before	Interior Girder 1	191.25	0.95	1	1	31.929304
HS20_str_inv	BOBJ1	191.25	Before	Interior Girder 2	191.25	0.95	1	1	31.929303
HS20_str_inv	BOBJ1	191.25	Before	Right Exterior Girder	191.25	0.95	1	1	44.944863
HS20_str_inv	BOBJ1	191.25	After	Left Exterior Girder	191.25	0.95	1	1	43.756006
HS20_str_inv	BOBJ1	191.25	After	Interior Girder 1	191.25	0.95	1	1	29.527864
HS20_str_inv	BOBJ1	191.25	After	Interior Girder 2	191.25	0.95	1	1	29.527863
HS20_str_inv	BOBJ1	191.25	After	Right Exterior Girder	191.25	0.95	1	1	43.756008
HS20_str_inv	BOBJ1	199.9414	Before	Left Exterior Girder	199.9414	0.95	1	1	43.508736
HS20_str_inv	BOBJ1	199.9414	Before	Interior Girder 1	199.9414	0.95	1	1	29.347819
HS20_str_inv	BOBJ1	199.9414	Before	Interior Girder 2	199.9414	0.95	1	1	29.347818
HS20_str_inv	BOBJ1	199.9414	Before	Right Exterior Girder	199.9414	0.95	1	1	43.508738
HS20_str_inv	BOBJ1	199.9414	After	Left Exterior Girder	199.9414	0.95	1	1	55.496248
HS20_str_inv	BOBJ1	199.9414	After	Interior Girder 1	199.9414	0.95	1	1	35.517225
HS20_str_inv	BOBJ1	199.9414	After	Interior Girder 2	199.9414	0.95	1	1	35.517224
HS20_str_inv	BOBJ1	199.9414	After	Right Exterior Girder	199.9414	0.95	1	1	55.49625
HS20_str_inv	BOBJ1	202.5	Before	Left Exterior Girder	202.5	0.95	1	1	55.413258
HS20_str_inv	BOBJ1	202.5	Before	Interior Girder 1	202.5	0.95	1	1	35.460596
HS20_str_inv	BOBJ1	202.5	Before	Interior Girder 2	202.5	0.95	1	1	35.460595
HS20_str_inv	BOBJ1	202.5	Before	Right Exterior Girder	202.5	0.95	1	1	55.41326
HS20_str_inv	BOBJ1	202.5	After	Left Exterior Girder	202.5	0.95	1	1	55.845336
HS20_str_inv	BOBJ1	202.5	After	Interior Girder 1	202.5	0.95	1	1	35.776434
HS20_str_inv	BOBJ1	202.5	After	Interior Girder 2	202.5	0.95	1	1	35.776434
HS20_str_inv	BOBJ1	202.5	After	Right Exterior Girder	202.5	0.95	1	1	55.845338
HS20_str_inv	BOBJ1	210.5642	Before	Left Exterior Girder	210.5642	0.95	1	1	55.581463
HS20_str_inv	BOBJ1	210.5642	Before	Interior Girder 1	210.5642	0.95	1	1	35.596033
HS20_str_inv	BOBJ1	210.5642	Before	Interior Girder 2	210.5642	0.95	1	1	35.596032
HS20_str_inv	BOBJ1	210.5642	Before	Right Exterior Girder	210.5642	0.95	1	1	55.581465
HS20_str_inv	BOBJ1	210.5642	After	Left Exterior Girder	210.5642	0.95	1	1	67.462316
HS20_str_inv	BOBJ1	210.5642	After	Interior Girder 1	210.5642	0.95	1	1	41.348039
HS20_str_inv	BOBJ1	210.5642	After	Interior Girder 2	210.5642	0.95	1	1	41.348039
HS20_str_inv	BOBJ1	210.5642	After	Right Exterior Girder	210.5642	0.95	1	1	67.462317
HS20_str_inv	BOBJ1	213.75	Before	Left Exterior Girder	213.75	0.95	1	1	67.3451
HS20_str_inv	BOBJ1	213.75	Before	Interior Girder 1	213.75	0.95	1	1	41.272018
HS20_str_inv	BOBJ1	213.75	Before	Interior Girder 2	213.75	0.95	1	1	41.272018
HS20_str_inv	BOBJ1	213.75	Before	Right Exterior Girder	213.75	0.95	1	1	67.345102
HS20_str_inv	BOBJ1	213.75	After	Left Exterior Girder	213.75	0.95	1	1	67.393331
HS20_str_inv	BOBJ1	213.75	After	Interior Girder 1	213.75	0.95	1	1	40.269486
HS20_str_inv	BOBJ1	213.75	After	Interior Girder 2	213.75	0.95	1	1	40.269486
HS20_str_inv	BOBJ1	213.75	After	Right Exterior Girder	213.75	0.95	1	1	67.393333
HS20_str_inv	BOBJ1	225	Before	Left Exterior Girder	225	0.95	1	1	66.97878
HS20_str_inv	BOBJ1	225	Before	Interior Girder 1	225	0.95	1	1	40.007296
HS20_str_inv	BOBJ1	225	Before	Interior Girder 2	225	0.95	1	1	40.007295
HS20_str_inv	BOBJ1	225	Before	Right Exterior Girder	225	0.95	1	1	66.978781
HS20_str_inv	BOBJ1	225	After	Left Exterior Girder	0	0.95	1	1	63.036076
HS20_str_inv	BOBJ1	225	After	Interior Girder 1	0	0.95	1	1	37.643615
HS20_str_inv	BOBJ1	225	After	Interior Girder 2	0	0.95	1	1	37.643615
HS20_str_inv	BOBJ1	225	After	Right Exterior Girder	0	0.95	1	1	63.036075
HS20_str_inv	BOBJ1	236.45	Before	Left Exterior Girder	11.45	0.95	1	1	64.702213
HS20_str_inv	BOBJ1	236.45	Before	Interior Girder 1	11.45	0.95	1	1	40.156926
HS20_str_inv	BOBJ1	236.45	Before	Interior Girder 2	11.45	0.95	1	1	40.156926
HS20_str_inv	BOBJ1	236.45	Before	Right Exterior Girder	11.45	0.95	1	1	64.702212
HS20_str_inv	BOBJ1	236.45	After	Left Exterior Girder	11.45	0.95	1	1	64.616909
HS20_str_inv	BOBJ1	236.45	After	Interior Girder 1	11.45	0.95	1	1	40.608941
HS20_str_inv	BOBJ1	236.45	After	Interior Girder 2	11.45	0.95	1	1	40.608941
HS20_str_inv	BOBJ1	236.45	After	Right Exterior Girder	11.45	0.95	1	1	64.616908

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Main Span Girders									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
HS20_str_inv	BOBJ1	239.5082	Before	Left Exterior Girder	14.5082	0.95	1	1	64.726006
HS20_str_inv	BOBJ1	239.5082	Before	Interior Girder 1	14.5082	0.95	1	1	40.681465
HS20_str_inv	BOBJ1	239.5082	Before	Interior Girder 2	14.5082	0.95	1	1	40.681465
HS20_str_inv	BOBJ1	239.5082	Before	Right Exterior Girder	14.5082	0.95	1	1	64.726005
HS20_str_inv	BOBJ1	239.5082	After	Left Exterior Girder	14.5082	0.95	1	1	53.080804
HS20_str_inv	BOBJ1	239.5082	After	Interior Girder 1	14.5082	0.95	1	1	34.956306
HS20_str_inv	BOBJ1	239.5082	After	Interior Girder 2	14.5082	0.95	1	1	34.956306
HS20_str_inv	BOBJ1	239.5082	After	Right Exterior Girder	14.5082	0.95	1	1	53.080803
HS20_str_inv	BOBJ1	247.9	Before	Left Exterior Girder	22.9	0.95	1	1	53.346493
HS20_str_inv	BOBJ1	247.9	Before	Interior Girder 1	22.9	0.95	1	1	35.143004
HS20_str_inv	BOBJ1	247.9	Before	Interior Girder 2	22.9	0.95	1	1	35.143005
HS20_str_inv	BOBJ1	247.9	Before	Right Exterior Girder	22.9	0.95	1	1	53.346492
HS20_str_inv	BOBJ1	247.9	After	Left Exterior Girder	22.9	0.95	1	1	55.349516
HS20_str_inv	BOBJ1	247.9	After	Interior Girder 1	22.9	0.95	1	1	37.699138
HS20_str_inv	BOBJ1	247.9	After	Interior Girder 2	22.9	0.95	1	1	37.699138
HS20_str_inv	BOBJ1	247.9	After	Right Exterior Girder	22.9	0.95	1	1	55.349515
HS20_str_inv	BOBJ1	258.5189	Before	Left Exterior Girder	33.5189	0.95	1	1	55.697546
HS20_str_inv	BOBJ1	258.5189	Before	Interior Girder 1	33.5189	0.95	1	1	37.952059
HS20_str_inv	BOBJ1	258.5189	Before	Interior Girder 2	33.5189	0.95	1	1	37.952059
HS20_str_inv	BOBJ1	258.5189	Before	Right Exterior Girder	33.5189	0.95	1	1	55.697545
HS20_str_inv	BOBJ1	258.5189	After	Left Exterior Girder	33.5189	0.95	1	1	40.954031
HS20_str_inv	BOBJ1	258.5189	After	Interior Girder 1	33.5189	0.95	1	1	29.935516
HS20_str_inv	BOBJ1	258.5189	After	Interior Girder 2	33.5189	0.95	1	1	29.935516
HS20_str_inv	BOBJ1	258.5189	After	Right Exterior Girder	33.5189	0.95	1	1	40.954031
HS20_str_inv	BOBJ1	259.3	Before	Left Exterior Girder	34.3	0.95	1	1	40.975222
HS20_str_inv	BOBJ1	259.3	Before	Interior Girder 1	34.3	0.95	1	1	29.952113
HS20_str_inv	BOBJ1	259.3	Before	Interior Girder 2	34.3	0.95	1	1	29.952113
HS20_str_inv	BOBJ1	259.3	Before	Right Exterior Girder	34.3	0.95	1	1	40.975221
HS20_str_inv	BOBJ1	259.3	After	Left Exterior Girder	34.3	0.95	1	1	42.809852
HS20_str_inv	BOBJ1	259.3	After	Interior Girder 1	34.3	0.95	1	1	30.661662
HS20_str_inv	BOBJ1	259.3	After	Interior Girder 2	34.3	0.95	1	1	30.661663
HS20_str_inv	BOBJ1	259.3	After	Right Exterior Girder	34.3	0.95	1	1	42.809851
HS20_str_inv	BOBJ1	266.1031	Before	Left Exterior Girder	41.1031	0.95	1	1	43.00186
HS20_str_inv	BOBJ1	266.1031	Before	Interior Girder 1	41.1031	0.95	1	1	30.810004
HS20_str_inv	BOBJ1	266.1031	Before	Interior Girder 2	41.1031	0.95	1	1	30.810004
HS20_str_inv	BOBJ1	266.1031	Before	Right Exterior Girder	41.1031	0.95	1	1	43.001859
HS20_str_inv	BOBJ1	266.1031	After	Left Exterior Girder	41.1031	0.95	1	1	26.98681
HS20_str_inv	BOBJ1	266.1031	After	Interior Girder 1	41.1031	0.95	1	1	19.910118
HS20_str_inv	BOBJ1	266.1031	After	Interior Girder 2	41.1031	0.95	1	1	19.910118
HS20_str_inv	BOBJ1	266.1031	After	Right Exterior Girder	41.1031	0.95	1	1	26.98681
HS20_str_inv	BOBJ1	270.7	Before	Left Exterior Girder	45.7	0.95	1	1	27.090062
HS20_str_inv	BOBJ1	270.7	Before	Interior Girder 1	45.7	0.95	1	1	19.993841
HS20_str_inv	BOBJ1	270.7	Before	Interior Girder 2	45.7	0.95	1	1	19.993841
HS20_str_inv	BOBJ1	270.7	Before	Right Exterior Girder	45.7	0.95	1	1	27.090061
HS20_str_inv	BOBJ1	270.7	After	Left Exterior Girder	45.7	0.95	1	1	27.397067
HS20_str_inv	BOBJ1	270.7	After	Interior Girder 1	45.7	0.95	1	1	19.42673
HS20_str_inv	BOBJ1	270.7	After	Interior Girder 2	45.7	0.95	1	1	19.426731
HS20_str_inv	BOBJ1	270.7	After	Right Exterior Girder	45.7	0.95	1	1	27.397066
HS20_str_inv	BOBJ1	273.6874	Before	Left Exterior Girder	48.6874	0.95	1	1	27.464799
HS20_str_inv	BOBJ1	273.6874	Before	Interior Girder 1	48.6874	0.95	1	1	19.479431
HS20_str_inv	BOBJ1	273.6874	Before	Interior Girder 2	48.6874	0.95	1	1	19.479432
HS20_str_inv	BOBJ1	273.6874	Before	Right Exterior Girder	48.6874	0.95	1	1	27.464798
HS20_str_inv	BOBJ1	273.6874	After	Left Exterior Girder	48.6874	0.95	1	1	18.082304
HS20_str_inv	BOBJ1	273.6874	After	Interior Girder 1	48.6874	0.95	1	1	13.508176
HS20_str_inv	BOBJ1	273.6874	After	Interior Girder 2	48.6874	0.95	1	1	13.508176
HS20_str_inv	BOBJ1	273.6874	After	Right Exterior Girder	48.6874	0.95	1	1	18.082303
HS20_str_inv	BOBJ1	282.15	Before	Left Exterior Girder	57.15	0.95	1	1	18.244086
HS20_str_inv	BOBJ1	282.15	Before	Interior Girder 1	57.15	0.95	1	1	13.643742
HS20_str_inv	BOBJ1	282.15	Before	Interior Girder 2	57.15	0.95	1	1	13.643743
HS20_str_inv	BOBJ1	282.15	Before	Right Exterior Girder	57.15	0.95	1	1	18.244085
HS20_str_inv	BOBJ1	282.15	After	Left Exterior Girder	57.15	0.95	1	1	18.560677
HS20_str_inv	BOBJ1	282.15	After	Interior Girder 1	57.15	0.95	1	1	14.271331
HS20_str_inv	BOBJ1	282.15	After	Interior Girder 2	57.15	0.95	1	1	14.271331
HS20_str_inv	BOBJ1	282.15	After	Right Exterior Girder	57.15	0.95	1	1	18.560676
HS20_str_inv	BOBJ1	293.6	Before	Left Exterior Girder	68.6	0.95	1	1	19.536611
HS20_str_inv	BOBJ1	293.6	Before	Interior Girder 1	68.6	0.95	1	1	15.49553
HS20_str_inv	BOBJ1	293.6	Before	Interior Girder 2	68.6	0.95	1	1	15.49553
HS20_str_inv	BOBJ1	293.6	Before	Right Exterior Girder	68.6	0.95	1	1	19.53661

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Main Span Girders									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
HS20_str_inv	BOBJ1	293.6	After	Left Exterior Girder	68.6	0.95	1	1	20.037052
HS20_str_inv	BOBJ1	293.6	After	Interior Girder 1	68.6	0.95	1	1	14.739485
HS20_str_inv	BOBJ1	293.6	After	Interior Girder 2	68.6	0.95	1	1	14.739485
HS20_str_inv	BOBJ1	293.6	After	Right Exterior Girder	68.6	0.95	1	1	20.037053
HS20_str_inv	BOBJ1	305	Before	Left Exterior Girder	80	0.95	1	1	21.174989
HS20_str_inv	BOBJ1	305	Before	Interior Girder 1	80	0.95	1	1	15.96703
HS20_str_inv	BOBJ1	305	Before	Interior Girder 2	80	0.95	1	1	15.96703
HS20_str_inv	BOBJ1	305	Before	Right Exterior Girder	80	0.95	1	1	21.17499
HS20_str_inv	BOBJ1	305	After	Left Exterior Girder	80	0.95	1	1	20.769428
HS20_str_inv	BOBJ1	305	After	Interior Girder 1	80	0.95	1	1	15.993135
HS20_str_inv	BOBJ1	305	After	Interior Girder 2	80	0.95	1	1	15.993135
HS20_str_inv	BOBJ1	305	After	Right Exterior Girder	80	0.95	1	1	20.76943
HS20_str_inv	BOBJ1	306.9561	Before	Left Exterior Girder	81.9561	0.95	1	1	20.810427
HS20_str_inv	BOBJ1	306.9561	Before	Interior Girder 1	81.9561	0.95	1	1	16.028288
HS20_str_inv	BOBJ1	306.9561	Before	Interior Girder 2	81.9561	0.95	1	1	16.028287
HS20_str_inv	BOBJ1	306.9561	Before	Right Exterior Girder	81.9561	0.95	1	1	20.810428
HS20_str_inv	BOBJ1	306.9561	After	Left Exterior Girder	81.9561	0.95	1	1	37.975412
HS20_str_inv	BOBJ1	306.9561	After	Interior Girder 1	81.9561	0.95	1	1	29.879738
HS20_str_inv	BOBJ1	306.9561	After	Interior Girder 2	81.9561	0.95	1	1	29.879738
HS20_str_inv	BOBJ1	306.9561	After	Right Exterior Girder	81.9561	0.95	1	1	37.975415
HS20_str_inv	BOBJ1	316.4	Before	Left Exterior Girder	91.4	0.95	1	1	38.24854
HS20_str_inv	BOBJ1	316.4	Before	Interior Girder 1	91.4	0.95	1	1	30.115265
HS20_str_inv	BOBJ1	316.4	Before	Interior Girder 2	91.4	0.95	1	1	30.115264
HS20_str_inv	BOBJ1	316.4	Before	Right Exterior Girder	91.4	0.95	1	1	38.248543
HS20_str_inv	BOBJ1	316.4	After	Left Exterior Girder	91.4	0.95	1	1	39.462927
HS20_str_inv	BOBJ1	316.4	After	Interior Girder 1	91.4	0.95	1	1	27.886085
HS20_str_inv	BOBJ1	316.4	After	Interior Girder 2	91.4	0.95	1	1	27.886085
HS20_str_inv	BOBJ1	316.4	After	Right Exterior Girder	91.4	0.95	1	1	39.462929
HS20_str_inv	BOBJ1	327.85	Before	Left Exterior Girder	102.9679	0.95	1	1	41.704155
HS20_str_inv	BOBJ1	327.85	Before	Interior Girder 1	102.9679	0.95	1	1	30.247865
HS20_str_inv	BOBJ1	327.85	Before	Interior Girder 2	102.9679	0.95	1	1	30.247866
HS20_str_inv	BOBJ1	327.85	Before	Right Exterior Girder	102.9679	0.95	1	1	41.704156
HS20_str_inv	BOBJ1	327.85	After	Left Exterior Girder	102.9679	0.95	1	1	65.234131
HS20_str_inv	BOBJ1	327.85	After	Interior Girder 1	102.9679	0.95	1	1	47.617835
HS20_str_inv	BOBJ1	327.85	After	Interior Girder 2	102.9679	0.95	1	1	47.617837
HS20_str_inv	BOBJ1	327.85	After	Right Exterior Girder	102.9679	0.95	1	1	65.234133
HS20_str_inv	BOBJ1	339.3	Before	Left Exterior Girder	114.3	0.95	1	1	68.930377
HS20_str_inv	BOBJ1	339.3	Before	Interior Girder 1	114.3	0.95	1	1	51.492203
HS20_str_inv	BOBJ1	339.3	Before	Interior Girder 2	114.3	0.95	1	1	51.492204
HS20_str_inv	BOBJ1	339.3	Before	Right Exterior Girder	114.3	0.95	1	1	68.930379
HS20_str_inv	BOBJ1	339.3	After	Left Exterior Girder	114.3	0.95	1	1	71.409117
HS20_str_inv	BOBJ1	339.3	After	Interior Girder 1	114.3	0.95	1	1	47.212784
HS20_str_inv	BOBJ1	339.3	After	Interior Girder 2	114.3	0.95	1	1	47.212782
HS20_str_inv	BOBJ1	339.3	After	Right Exterior Girder	114.3	0.95	1	1	71.409116
HS20_str_inv	BOBJ1	350.7	Before	Left Exterior Girder	125.7	0.95	1	1	75.757119
HS20_str_inv	BOBJ1	350.7	Before	Interior Girder 1	125.7	0.95	1	1	51.246584
HS20_str_inv	BOBJ1	350.7	Before	Interior Girder 2	125.7	0.95	1	1	51.246583
HS20_str_inv	BOBJ1	350.7	Before	Right Exterior Girder	125.7	0.95	1	1	75.757117
HS20_str_inv	BOBJ1	350.7	After	Left Exterior Girder	125.7	0.95	1	1	77.786742
HS20_str_inv	BOBJ1	350.7	After	Interior Girder 1	125.7	0.95	1	1	52.686597
HS20_str_inv	BOBJ1	350.7	After	Interior Girder 2	125.7	0.95	1	1	52.686595
HS20_str_inv	BOBJ1	350.7	After	Right Exterior Girder	125.7	0.95	1	1	77.786741
HS20_str_inv	BOBJ1	362.1	Before	Left Exterior Girder	137.1	0.95	1	1	82.965237
HS20_str_inv	BOBJ1	362.1	Before	Interior Girder 1	137.1	0.95	1	1	57.222747
HS20_str_inv	BOBJ1	362.1	Before	Interior Girder 2	137.1	0.95	1	1	57.222746
HS20_str_inv	BOBJ1	362.1	Before	Right Exterior Girder	137.1	0.95	1	1	82.965237
HS20_str_inv	BOBJ1	362.1	After	Left Exterior Girder	137.1	0.95	1	1	86.620253
HS20_str_inv	BOBJ1	362.1	After	Interior Girder 1	137.1	0.95	1	1	51.877827
HS20_str_inv	BOBJ1	362.1	After	Interior Girder 2	137.1	0.95	1	1	51.877828
HS20_str_inv	BOBJ1	362.1	After	Right Exterior Girder	137.1	0.95	1	1	86.620247
HS20_str_inv	BOBJ1	373.55	Before	Left Exterior Girder	148.55	0.95	1	1	92.807899
HS20_str_inv	BOBJ1	373.55	Before	Interior Girder 1	148.55	0.95	1	1	56.515556
HS20_str_inv	BOBJ1	373.55	Before	Interior Girder 2	148.55	0.95	1	1	56.515556
HS20_str_inv	BOBJ1	373.55	Before	Right Exterior Girder	148.55	0.95	1	1	92.807891
HS20_str_inv	BOBJ1	373.55	After	Left Exterior Girder	148.55	0.95	1	1	95.874034
HS20_str_inv	BOBJ1	373.55	After	Interior Girder 1	148.55	0.95	1	1	58.174711
HS20_str_inv	BOBJ1	373.55	After	Interior Girder 2	148.55	0.95	1	1	58.174711
HS20_str_inv	BOBJ1	373.55	After	Right Exterior Girder	148.55	0.95	1	1	95.874025

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Main Span Girders									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
HS20_str_inv	BOBJ1	385	Before	Left Exterior Girder	160	0.95	1	1	103.507954
HS20_str_inv	BOBJ1	385	Before	Interior Girder 1	160	0.95	1	1	57.021005
HS20_str_inv	BOBJ1	385	Before	Interior Girder 2	160	0.95	1	1	57.021003
HS20_str_inv	BOBJ1	385	Before	Right Exterior Girder	160	0.95	1	1	103.507943
HS20_str_inv	BOBJ1	385	After	Left Exterior Girder	160	0.95	1	1	103.507944
HS20_str_inv	BOBJ1	385	After	Interior Girder 1	160	0.95	1	1	57.021
HS20_str_inv	BOBJ1	385	After	Interior Girder 2	160	0.95	1	1	57.021002
HS20_str_inv	BOBJ1	385	After	Right Exterior Girder	160	0.95	1	1	103.507955
HS20_str_inv	BOBJ1	396.45	Before	Left Exterior Girder	171.45	0.95	1	1	95.874024
HS20_str_inv	BOBJ1	396.45	Before	Interior Girder 1	171.45	0.95	1	1	58.174713
HS20_str_inv	BOBJ1	396.45	Before	Interior Girder 2	171.45	0.95	1	1	58.174713
HS20_str_inv	BOBJ1	396.45	Before	Right Exterior Girder	171.45	0.95	1	1	95.874033
HS20_str_inv	BOBJ1	396.45	After	Left Exterior Girder	171.45	0.95	1	1	92.807889
HS20_str_inv	BOBJ1	396.45	After	Interior Girder 1	171.45	0.95	1	1	56.515559
HS20_str_inv	BOBJ1	396.45	After	Interior Girder 2	171.45	0.95	1	1	56.515558
HS20_str_inv	BOBJ1	396.45	After	Right Exterior Girder	171.45	0.95	1	1	92.807897
HS20_str_inv	BOBJ1	407.9	Before	Left Exterior Girder	182.9	0.95	1	1	86.620245
HS20_str_inv	BOBJ1	407.9	Before	Interior Girder 1	182.9	0.95	1	1	51.877831
HS20_str_inv	BOBJ1	407.9	Before	Interior Girder 2	182.9	0.95	1	1	51.877829
HS20_str_inv	BOBJ1	407.9	Before	Right Exterior Girder	182.9	0.95	1	1	86.620252
HS20_str_inv	BOBJ1	407.9	After	Left Exterior Girder	182.9	0.95	1	1	82.965231
HS20_str_inv	BOBJ1	407.9	After	Interior Girder 1	182.9	0.95	1	1	57.222752
HS20_str_inv	BOBJ1	407.9	After	Interior Girder 2	182.9	0.95	1	1	57.222749
HS20_str_inv	BOBJ1	407.9	After	Right Exterior Girder	182.9	0.95	1	1	82.965233
HS20_str_inv	BOBJ1	419.3	Before	Left Exterior Girder	194.3	0.95	1	1	77.786735
HS20_str_inv	BOBJ1	419.3	Before	Interior Girder 1	194.3	0.95	1	1	52.686599
HS20_str_inv	BOBJ1	419.3	Before	Interior Girder 2	194.3	0.95	1	1	52.686598
HS20_str_inv	BOBJ1	419.3	Before	Right Exterior Girder	194.3	0.95	1	1	77.786739
HS20_str_inv	BOBJ1	419.3	After	Left Exterior Girder	194.3	0.95	1	1	75.757111
HS20_str_inv	BOBJ1	419.3	After	Interior Girder 1	194.3	0.95	1	1	51.246586
HS20_str_inv	BOBJ1	419.3	After	Interior Girder 2	194.3	0.95	1	1	51.246585
HS20_str_inv	BOBJ1	419.3	After	Right Exterior Girder	194.3	0.95	1	1	75.757115
HS20_str_inv	BOBJ1	430.7	Before	Left Exterior Girder	205.7	0.95	1	1	71.409111
HS20_str_inv	BOBJ1	430.7	Before	Interior Girder 1	205.7	0.95	1	1	47.212786
HS20_str_inv	BOBJ1	430.7	Before	Interior Girder 2	205.7	0.95	1	1	47.212784
HS20_str_inv	BOBJ1	430.7	Before	Right Exterior Girder	205.7	0.95	1	1	71.409115
HS20_str_inv	BOBJ1	430.7	After	Left Exterior Girder	205.7	0.95	1	1	68.930377
HS20_str_inv	BOBJ1	430.7	After	Interior Girder 1	205.7	0.95	1	1	51.492205
HS20_str_inv	BOBJ1	430.7	After	Interior Girder 2	205.7	0.95	1	1	51.492202
HS20_str_inv	BOBJ1	430.7	After	Right Exterior Girder	205.7	0.95	1	1	68.930383
HS20_str_inv	BOBJ1	442.15	Before	Left Exterior Girder	217.0321	0.95	1	1	65.234131
HS20_str_inv	BOBJ1	442.15	Before	Interior Girder 1	217.0321	0.95	1	1	47.617836
HS20_str_inv	BOBJ1	442.15	Before	Interior Girder 2	217.0321	0.95	1	1	47.617835
HS20_str_inv	BOBJ1	442.15	Before	Right Exterior Girder	217.0321	0.95	1	1	65.234136
HS20_str_inv	BOBJ1	442.15	After	Left Exterior Girder	217.0321	0.95	1	1	41.704155
HS20_str_inv	BOBJ1	442.15	After	Interior Girder 1	217.0321	0.95	1	1	30.247865
HS20_str_inv	BOBJ1	442.15	After	Interior Girder 2	217.0321	0.95	1	1	30.247865
HS20_str_inv	BOBJ1	442.15	After	Right Exterior Girder	217.0321	0.95	1	1	41.704158
HS20_str_inv	BOBJ1	453.6	Before	Left Exterior Girder	228.6	0.95	1	1	39.462928
HS20_str_inv	BOBJ1	453.6	Before	Interior Girder 1	228.6	0.95	1	1	27.886085
HS20_str_inv	BOBJ1	453.6	Before	Interior Girder 2	228.6	0.95	1	1	27.886084
HS20_str_inv	BOBJ1	453.6	Before	Right Exterior Girder	228.6	0.95	1	1	39.462931
HS20_str_inv	BOBJ1	453.6	After	Left Exterior Girder	228.6	0.95	1	1	38.248542
HS20_str_inv	BOBJ1	453.6	After	Interior Girder 1	228.6	0.95	1	1	30.115265
HS20_str_inv	BOBJ1	453.6	After	Interior Girder 2	228.6	0.95	1	1	30.115264
HS20_str_inv	BOBJ1	453.6	After	Right Exterior Girder	228.6	0.95	1	1	38.248541
HS20_str_inv	BOBJ1	463.0439	Before	Left Exterior Girder	238.0439	0.95	1	1	37.975414
HS20_str_inv	BOBJ1	463.0439	Before	Interior Girder 1	238.0439	0.95	1	1	29.879738
HS20_str_inv	BOBJ1	463.0439	Before	Interior Girder 2	238.0439	0.95	1	1	29.879737
HS20_str_inv	BOBJ1	463.0439	Before	Right Exterior Girder	238.0439	0.95	1	1	37.975413
HS20_str_inv	BOBJ1	463.0439	After	Left Exterior Girder	238.0439	0.95	1	1	20.810427
HS20_str_inv	BOBJ1	463.0439	After	Interior Girder 1	238.0439	0.95	1	1	16.028288
HS20_str_inv	BOBJ1	463.0439	After	Interior Girder 2	238.0439	0.95	1	1	16.028287
HS20_str_inv	BOBJ1	463.0439	After	Right Exterior Girder	238.0439	0.95	1	1	20.810427
HS20_str_inv	BOBJ1	465	Before	Left Exterior Girder	240	0.95	1	1	20.769429
HS20_str_inv	BOBJ1	465	Before	Interior Girder 1	240	0.95	1	1	15.993135
HS20_str_inv	BOBJ1	465	Before	Interior Girder 2	240	0.95	1	1	15.993134
HS20_str_inv	BOBJ1	465	Before	Right Exterior Girder	240	0.95	1	1	20.769428

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Main Span Girders									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
HS20_str_inv	BOBJ1	465	After	Left Exterior Girder	240	0.95	1	1	21.174989
HS20_str_inv	BOBJ1	465	After	Interior Girder 1	240	0.95	1	1	15.967029
HS20_str_inv	BOBJ1	465	After	Interior Girder 2	240	0.95	1	1	15.967029
HS20_str_inv	BOBJ1	465	After	Right Exterior Girder	240	0.95	1	1	21.174989
HS20_str_inv	BOBJ1	476.4	Before	Left Exterior Girder	251.4	0.95	1	1	20.037052
HS20_str_inv	BOBJ1	476.4	Before	Interior Girder 1	251.4	0.95	1	1	14.739485
HS20_str_inv	BOBJ1	476.4	Before	Interior Girder 2	251.4	0.95	1	1	14.739485
HS20_str_inv	BOBJ1	476.4	Before	Right Exterior Girder	251.4	0.95	1	1	20.037051
HS20_str_inv	BOBJ1	476.4	After	Left Exterior Girder	251.4	0.95	1	1	19.536609
HS20_str_inv	BOBJ1	476.4	After	Interior Girder 1	251.4	0.95	1	1	15.49553
HS20_str_inv	BOBJ1	476.4	After	Interior Girder 2	251.4	0.95	1	1	15.495531
HS20_str_inv	BOBJ1	476.4	After	Right Exterior Girder	251.4	0.95	1	1	19.536609
HS20_str_inv	BOBJ1	487.85	Before	Left Exterior Girder	262.85	0.95	1	1	18.560676
HS20_str_inv	BOBJ1	487.85	Before	Interior Girder 1	262.85	0.95	1	1	14.271331
HS20_str_inv	BOBJ1	487.85	Before	Interior Girder 2	262.85	0.95	1	1	14.271332
HS20_str_inv	BOBJ1	487.85	Before	Right Exterior Girder	262.85	0.95	1	1	18.560676
HS20_str_inv	BOBJ1	487.85	After	Left Exterior Girder	262.85	0.95	1	1	18.244085
HS20_str_inv	BOBJ1	487.85	After	Interior Girder 1	262.85	0.95	1	1	13.643742
HS20_str_inv	BOBJ1	487.85	After	Interior Girder 2	262.85	0.95	1	1	13.643743
HS20_str_inv	BOBJ1	487.85	After	Right Exterior Girder	262.85	0.95	1	1	18.244085
HS20_str_inv	BOBJ1	496.3126	Before	Left Exterior Girder	271.3126	0.95	1	1	18.082303
HS20_str_inv	BOBJ1	496.3126	Before	Interior Girder 1	271.3126	0.95	1	1	13.508176
HS20_str_inv	BOBJ1	496.3126	Before	Interior Girder 2	271.3126	0.95	1	1	13.508177
HS20_str_inv	BOBJ1	496.3126	Before	Right Exterior Girder	271.3126	0.95	1	1	18.082303
HS20_str_inv	BOBJ1	496.3126	After	Left Exterior Girder	271.3126	0.95	1	1	27.464798
HS20_str_inv	BOBJ1	496.3126	After	Interior Girder 1	271.3126	0.95	1	1	19.479431
HS20_str_inv	BOBJ1	496.3126	After	Interior Girder 2	271.3126	0.95	1	1	19.479433
HS20_str_inv	BOBJ1	496.3126	After	Right Exterior Girder	271.3126	0.95	1	1	27.464797
HS20_str_inv	BOBJ1	499.3	Before	Left Exterior Girder	274.3	0.95	1	1	27.397066
HS20_str_inv	BOBJ1	499.3	Before	Interior Girder 1	274.3	0.95	1	1	19.426731
HS20_str_inv	BOBJ1	499.3	Before	Interior Girder 2	274.3	0.95	1	1	19.426732
HS20_str_inv	BOBJ1	499.3	Before	Right Exterior Girder	274.3	0.95	1	1	27.397065
HS20_str_inv	BOBJ1	499.3	After	Left Exterior Girder	274.3	0.95	1	1	27.090061
HS20_str_inv	BOBJ1	499.3	After	Interior Girder 1	274.3	0.95	1	1	19.993841
HS20_str_inv	BOBJ1	499.3	After	Interior Girder 2	274.3	0.95	1	1	19.993842
HS20_str_inv	BOBJ1	499.3	After	Right Exterior Girder	274.3	0.95	1	1	27.09006
HS20_str_inv	BOBJ1	503.8969	Before	Left Exterior Girder	278.8969	0.95	1	1	26.98681
HS20_str_inv	BOBJ1	503.8969	Before	Interior Girder 1	278.8969	0.95	1	1	19.910118
HS20_str_inv	BOBJ1	503.8969	Before	Interior Girder 2	278.8969	0.95	1	1	19.91012
HS20_str_inv	BOBJ1	503.8969	Before	Right Exterior Girder	278.8969	0.95	1	1	26.986808
HS20_str_inv	BOBJ1	503.8969	After	Left Exterior Girder	278.8969	0.95	1	1	43.001859
HS20_str_inv	BOBJ1	503.8969	After	Interior Girder 1	278.8969	0.95	1	1	30.810004
HS20_str_inv	BOBJ1	503.8969	After	Interior Girder 2	278.8969	0.95	1	1	30.810005
HS20_str_inv	BOBJ1	503.8969	After	Right Exterior Girder	278.8969	0.95	1	1	43.001857
HS20_str_inv	BOBJ1	510.7	Before	Left Exterior Girder	285.7	0.95	1	1	42.809851
HS20_str_inv	BOBJ1	510.7	Before	Interior Girder 1	285.7	0.95	1	1	30.661662
HS20_str_inv	BOBJ1	510.7	Before	Interior Girder 2	285.7	0.95	1	1	30.661664
HS20_str_inv	BOBJ1	510.7	Before	Right Exterior Girder	285.7	0.95	1	1	42.809849
HS20_str_inv	BOBJ1	510.7	After	Left Exterior Girder	285.7	0.95	1	1	39.727018
HS20_str_inv	BOBJ1	510.7	After	Interior Girder 1	285.7	0.95	1	1	27.932966
HS20_str_inv	BOBJ1	510.7	After	Interior Girder 2	285.7	0.95	1	1	27.932967
HS20_str_inv	BOBJ1	510.7	After	Right Exterior Girder	285.7	0.95	1	1	39.727016
HS20_str_inv	BOBJ1	511.4811	Before	Left Exterior Girder	286.4811	0.95	1	1	39.706473
HS20_str_inv	BOBJ1	511.4811	Before	Interior Girder 1	286.4811	0.95	1	1	27.917488
HS20_str_inv	BOBJ1	511.4811	Before	Interior Girder 2	286.4811	0.95	1	1	27.917489
HS20_str_inv	BOBJ1	511.4811	Before	Right Exterior Girder	286.4811	0.95	1	1	39.706471
HS20_str_inv	BOBJ1	511.4811	After	Left Exterior Girder	286.4811	0.95	1	1	55.837689
HS20_str_inv	BOBJ1	511.4811	After	Interior Girder 1	286.4811	0.95	1	1	38.188488
HS20_str_inv	BOBJ1	511.4811	After	Interior Girder 2	286.4811	0.95	1	1	38.188489
HS20_str_inv	BOBJ1	511.4811	After	Right Exterior Girder	286.4811	0.95	1	1	55.837686
HS20_str_inv	BOBJ1	522.1	Before	Left Exterior Girder	297.1	0.95	1	1	55.488784
HS20_str_inv	BOBJ1	522.1	Before	Interior Girder 1	297.1	0.95	1	1	37.933991
HS20_str_inv	BOBJ1	522.1	Before	Interior Girder 2	297.1	0.95	1	1	37.933993
HS20_str_inv	BOBJ1	522.1	Before	Right Exterior Girder	297.1	0.95	1	1	55.488781
HS20_str_inv	BOBJ1	522.1	After	Left Exterior Girder	297.1	0.95	1	1	53.344429
HS20_str_inv	BOBJ1	522.1	After	Interior Girder 1	297.1	0.95	1	1	35.123736
HS20_str_inv	BOBJ1	522.1	After	Interior Girder 2	297.1	0.95	1	1	35.123736
HS20_str_inv	BOBJ1	522.1	After	Right Exterior Girder	297.1	0.95	1	1	53.344428

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Main Span Girders									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
HS20_str_inv	BOBJ1	530.4918	Before	Left Exterior Girder	305.4918	0.95	1	1	53.07875
HS20_str_inv	BOBJ1	530.4918	Before	Interior Girder 1	305.4918	0.95	1	1	34.93714
HS20_str_inv	BOBJ1	530.4918	Before	Interior Girder 2	305.4918	0.95	1	1	34.93714
HS20_str_inv	BOBJ1	530.4918	Before	Right Exterior Girder	305.4918	0.95	1	1	53.078749
HS20_str_inv	BOBJ1	530.4918	After	Left Exterior Girder	305.4918	0.95	1	1	64.726005
HS20_str_inv	BOBJ1	530.4918	After	Interior Girder 1	305.4918	0.95	1	1	40.681466
HS20_str_inv	BOBJ1	530.4918	After	Interior Girder 2	305.4918	0.95	1	1	40.681466
HS20_str_inv	BOBJ1	530.4918	After	Right Exterior Girder	305.4918	0.95	1	1	64.726005
HS20_str_inv	BOBJ1	533.55	Before	Left Exterior Girder	308.55	0.95	1	1	64.616908
HS20_str_inv	BOBJ1	533.55	Before	Interior Girder 1	308.55	0.95	1	1	40.608942
HS20_str_inv	BOBJ1	533.55	Before	Interior Girder 2	308.55	0.95	1	1	40.608942
HS20_str_inv	BOBJ1	533.55	Before	Right Exterior Girder	308.55	0.95	1	1	64.616907
HS20_str_inv	BOBJ1	533.55	After	Left Exterior Girder	308.55	0.95	1	1	64.70194
HS20_str_inv	BOBJ1	533.55	After	Interior Girder 1	308.55	0.95	1	1	40.155871
HS20_str_inv	BOBJ1	533.55	After	Interior Girder 2	308.55	0.95	1	1	40.155871
HS20_str_inv	BOBJ1	533.55	After	Right Exterior Girder	308.55	0.95	1	1	64.70194
HS20_str_inv	BOBJ1	545	Before	Left Exterior Girder	320	0.95	1	1	63.034361
HS20_str_inv	BOBJ1	545	Before	Interior Girder 1	320	0.95	1	1	37.642208
HS20_str_inv	BOBJ1	545	Before	Interior Girder 2	320	0.95	1	1	37.642208
HS20_str_inv	BOBJ1	545	Before	Right Exterior Girder	320	0.95	1	1	63.03436
HS20_str_inv	BOBJ1	545	After	Left Exterior Girder	0	0.95	1	1	66.97878
HS20_str_inv	BOBJ1	545	After	Interior Girder 1	0	0.95	1	1	40.007295
HS20_str_inv	BOBJ1	545	After	Interior Girder 2	0	0.95	1	1	40.007295
HS20_str_inv	BOBJ1	545	After	Right Exterior Girder	0	0.95	1	1	66.97878
HS20_str_inv	BOBJ1	556.25	Before	Left Exterior Girder	11.25	0.95	1	1	67.393332
HS20_str_inv	BOBJ1	556.25	Before	Interior Girder 1	11.25	0.95	1	1	40.269485
HS20_str_inv	BOBJ1	556.25	Before	Interior Girder 2	11.25	0.95	1	1	40.269485
HS20_str_inv	BOBJ1	556.25	Before	Right Exterior Girder	11.25	0.95	1	1	67.393331
HS20_str_inv	BOBJ1	556.25	After	Left Exterior Girder	11.25	0.95	1	1	67.345101
HS20_str_inv	BOBJ1	556.25	After	Interior Girder 1	11.25	0.95	1	1	41.272017
HS20_str_inv	BOBJ1	556.25	After	Interior Girder 2	11.25	0.95	1	1	41.272017
HS20_str_inv	BOBJ1	556.25	After	Right Exterior Girder	11.25	0.95	1	1	67.3451
HS20_str_inv	BOBJ1	559.4358	Before	Left Exterior Girder	14.4358	0.95	1	1	67.462316
HS20_str_inv	BOBJ1	559.4358	Before	Interior Girder 1	14.4358	0.95	1	1	41.348038
HS20_str_inv	BOBJ1	559.4358	Before	Interior Girder 2	14.4358	0.95	1	1	41.348038
HS20_str_inv	BOBJ1	559.4358	Before	Right Exterior Girder	14.4358	0.95	1	1	67.462316
HS20_str_inv	BOBJ1	559.4358	After	Left Exterior Girder	14.4358	0.95	1	1	55.581464
HS20_str_inv	BOBJ1	559.4358	After	Interior Girder 1	14.4358	0.95	1	1	35.59612
HS20_str_inv	BOBJ1	559.4358	After	Interior Girder 2	14.4358	0.95	1	1	35.59612
HS20_str_inv	BOBJ1	559.4358	After	Right Exterior Girder	14.4358	0.95	1	1	55.581463
HS20_str_inv	BOBJ1	567.5	Before	Left Exterior Girder	22.5	0.95	1	1	55.845337
HS20_str_inv	BOBJ1	567.5	Before	Interior Girder 1	22.5	0.95	1	1	35.776522
HS20_str_inv	BOBJ1	567.5	Before	Interior Girder 2	22.5	0.95	1	1	35.776522
HS20_str_inv	BOBJ1	567.5	Before	Right Exterior Girder	22.5	0.95	1	1	55.845336
HS20_str_inv	BOBJ1	567.5	After	Left Exterior Girder	22.5	0.95	1	1	55.413635
HS20_str_inv	BOBJ1	567.5	After	Interior Girder 1	22.5	0.95	1	1	35.461049
HS20_str_inv	BOBJ1	567.5	After	Interior Girder 2	22.5	0.95	1	1	35.461049
HS20_str_inv	BOBJ1	567.5	After	Right Exterior Girder	22.5	0.95	1	1	55.413634
HS20_str_inv	BOBJ1	570.0586	Before	Left Exterior Girder	25.0586	0.95	1	1	55.496625
HS20_str_inv	BOBJ1	570.0586	Before	Interior Girder 1	25.0586	0.95	1	1	35.517679
HS20_str_inv	BOBJ1	570.0586	Before	Interior Girder 2	25.0586	0.95	1	1	35.517679
HS20_str_inv	BOBJ1	570.0586	Before	Right Exterior Girder	25.0586	0.95	1	1	55.496625
HS20_str_inv	BOBJ1	570.0586	After	Left Exterior Girder	25.0586	0.95	1	1	43.508771
HS20_str_inv	BOBJ1	570.0586	After	Interior Girder 1	25.0586	0.95	1	1	29.347909
HS20_str_inv	BOBJ1	570.0586	After	Interior Girder 2	25.0586	0.95	1	1	29.347909
HS20_str_inv	BOBJ1	570.0586	After	Right Exterior Girder	25.0586	0.95	1	1	43.50877
HS20_str_inv	BOBJ1	578.75	Before	Left Exterior Girder	33.75	0.95	1	1	43.756041
HS20_str_inv	BOBJ1	578.75	Before	Interior Girder 1	33.75	0.95	1	1	29.527955
HS20_str_inv	BOBJ1	578.75	Before	Interior Girder 2	33.75	0.95	1	1	29.527955
HS20_str_inv	BOBJ1	578.75	Before	Right Exterior Girder	33.75	0.95	1	1	43.756041
HS20_str_inv	BOBJ1	578.75	After	Left Exterior Girder	33.75	0.95	1	1	44.951214
HS20_str_inv	BOBJ1	578.75	After	Interior Girder 1	33.75	0.95	1	1	31.923174
HS20_str_inv	BOBJ1	578.75	After	Interior Girder 2	33.75	0.95	1	1	31.923174
HS20_str_inv	BOBJ1	578.75	After	Right Exterior Girder	33.75	0.95	1	1	44.951214
HS20_str_inv	BOBJ1	586.8142	Before	Left Exterior Girder	41.8142	0.95	1	1	45.186462
HS20_str_inv	BOBJ1	586.8142	Before	Interior Girder 1	41.8142	0.95	1	1	32.103473
HS20_str_inv	BOBJ1	586.8142	Before	Interior Girder 2	41.8142	0.95	1	1	32.103473
HS20_str_inv	BOBJ1	586.8142	Before	Right Exterior Girder	41.8142	0.95	1	1	45.186461

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Main Span Girders									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
HS20_str_inv	BOBJ1	586.8142	After	Left Exterior Girder	41.8142	0.95	1	1	28.299292
HS20_str_inv	BOBJ1	586.8142	After	Interior Girder 1	41.8142	0.95	1	1	20.57243
HS20_str_inv	BOBJ1	586.8142	After	Interior Girder 2	41.8142	0.95	1	1	20.57243
HS20_str_inv	BOBJ1	586.8142	After	Right Exterior Girder	41.8142	0.95	1	1	28.299291
HS20_str_inv	BOBJ1	590	Before	Left Exterior Girder	45	0.95	1	1	28.372414
HS20_str_inv	BOBJ1	590	Before	Interior Girder 1	45	0.95	1	1	20.630826
HS20_str_inv	BOBJ1	590	Before	Interior Girder 2	45	0.95	1	1	20.630826
HS20_str_inv	BOBJ1	590	Before	Right Exterior Girder	45	0.95	1	1	28.372413
HS20_str_inv	BOBJ1	590	After	Left Exterior Girder	45	0.95	1	1	30.319842
HS20_str_inv	BOBJ1	590	After	Interior Girder 1	45	0.95	1	1	22.259717
HS20_str_inv	BOBJ1	590	After	Interior Girder 2	45	0.95	1	1	22.259717
HS20_str_inv	BOBJ1	590	After	Right Exterior Girder	45	0.95	1	1	30.319842
HS20_str_inv	BOBJ1	601.25	Before	Left Exterior Girder	56.25	0.95	1	1	30.594518
HS20_str_inv	BOBJ1	601.25	Before	Interior Girder 1	56.25	0.95	1	1	22.481651
HS20_str_inv	BOBJ1	601.25	Before	Interior Girder 2	56.25	0.95	1	1	22.481651
HS20_str_inv	BOBJ1	601.25	Before	Right Exterior Girder	56.25	0.95	1	1	30.594517
HS20_str_inv	BOBJ1	601.25	After	Left Exterior Girder	56.25	0.95	1	1	28.954998
HS20_str_inv	BOBJ1	601.25	After	Interior Girder 1	56.25	0.95	1	1	23.468061
HS20_str_inv	BOBJ1	601.25	After	Interior Girder 2	56.25	0.95	1	1	23.468061
HS20_str_inv	BOBJ1	601.25	After	Right Exterior Girder	56.25	0.95	1	1	28.954998
HS20_str_inv	BOBJ1	601.7478	Before	Left Exterior Girder	56.7478	0.95	1	1	28.96655
HS20_str_inv	BOBJ1	601.7478	Before	Interior Girder 1	56.7478	0.95	1	1	23.47823
HS20_str_inv	BOBJ1	601.7478	Before	Interior Girder 2	56.7478	0.95	1	1	23.47823
HS20_str_inv	BOBJ1	601.7478	Before	Right Exterior Girder	56.7478	0.95	1	1	28.96655
HS20_str_inv	BOBJ1	601.7478	After	Left Exterior Girder	56.7478	0.95	1	1	20.813941
HS20_str_inv	BOBJ1	601.7478	After	Interior Girder 1	56.7478	0.95	1	1	16.336853
HS20_str_inv	BOBJ1	601.7478	After	Interior Girder 2	56.7478	0.95	1	1	16.336853
HS20_str_inv	BOBJ1	601.7478	After	Right Exterior Girder	56.7478	0.95	1	1	20.813941
HS20_str_inv	BOBJ1	612.5	Before	Left Exterior Girder	67.5	0.95	1	1	21.037792
HS20_str_inv	BOBJ1	612.5	Before	Interior Girder 1	67.5	0.95	1	1	16.534189
HS20_str_inv	BOBJ1	612.5	Before	Interior Girder 2	67.5	0.95	1	1	16.534189
HS20_str_inv	BOBJ1	612.5	Before	Right Exterior Girder	67.5	0.95	1	1	21.037792
HS20_str_inv	BOBJ1	612.5	After	Left Exterior Girder	67.5	0.95	1	1	22.712805
HS20_str_inv	BOBJ1	612.5	After	Interior Girder 1	67.5	0.95	1	1	16.97392
HS20_str_inv	BOBJ1	612.5	After	Interior Girder 2	67.5	0.95	1	1	16.97392
HS20_str_inv	BOBJ1	612.5	After	Right Exterior Girder	67.5	0.95	1	1	22.712805
HS20_str_inv	BOBJ1	623.75	Before	Left Exterior Girder	78.75	0.95	1	1	22.963704
HS20_str_inv	BOBJ1	623.75	Before	Interior Girder 1	78.75	0.95	1	1	17.184514
HS20_str_inv	BOBJ1	623.75	Before	Interior Girder 2	78.75	0.95	1	1	17.184514
HS20_str_inv	BOBJ1	623.75	Before	Right Exterior Girder	78.75	0.95	1	1	22.963704
HS20_str_inv	BOBJ1	623.75	After	Left Exterior Girder	78.75	0.95	1	1	24.735166
HS20_str_inv	BOBJ1	623.75	After	Interior Girder 1	78.75	0.95	1	1	19.357333
HS20_str_inv	BOBJ1	623.75	After	Interior Girder 2	78.75	0.95	1	1	19.357332
HS20_str_inv	BOBJ1	623.75	After	Right Exterior Girder	78.75	0.95	1	1	24.735167
HS20_str_inv	BOBJ1	635	Before	Left Exterior Girder	90	0.95	1	1	25.003824
HS20_str_inv	BOBJ1	635	Before	Interior Girder 1	90	0.95	1	1	19.593427
HS20_str_inv	BOBJ1	635	Before	Interior Girder 2	90	0.95	1	1	19.593426
HS20_str_inv	BOBJ1	635	Before	Right Exterior Girder	90	0.95	1	1	25.003824
HS20_str_inv	BOBJ1	635	After	Left Exterior Girder	90	0.95	1	1	27.099263
HS20_str_inv	BOBJ1	635	After	Interior Girder 1	90	0.95	1	1	18.840955
HS20_str_inv	BOBJ1	635	After	Interior Girder 2	90	0.95	1	1	18.840954
HS20_str_inv	BOBJ1	635	After	Right Exterior Girder	90	0.95	1	1	27.099264
HS20_str_inv	BOBJ1	643.5619	Before	Left Exterior Girder	98.5619	0.95	1	1	27.319295
HS20_str_inv	BOBJ1	643.5619	Before	Interior Girder 1	98.5619	0.95	1	1	19.012791
HS20_str_inv	BOBJ1	643.5619	Before	Interior Girder 2	98.5619	0.95	1	1	19.01279
HS20_str_inv	BOBJ1	643.5619	Before	Right Exterior Girder	98.5619	0.95	1	1	27.319296
HS20_str_inv	BOBJ1	643.5619	After	Left Exterior Girder	98.5619	0.95	1	1	45.605219
HS20_str_inv	BOBJ1	643.5619	After	Interior Girder 1	98.5619	0.95	1	1	31.719993
HS20_str_inv	BOBJ1	643.5619	After	Interior Girder 2	98.5619	0.95	1	1	31.719992
HS20_str_inv	BOBJ1	643.5619	After	Right Exterior Girder	98.5619	0.95	1	1	45.605221
HS20_str_inv	BOBJ1	646.25	Before	Left Exterior Girder	101.25	0.95	1	1	45.692137
HS20_str_inv	BOBJ1	646.25	Before	Interior Girder 1	101.25	0.95	1	1	31.786371
HS20_str_inv	BOBJ1	646.25	Before	Interior Girder 2	101.25	0.95	1	1	31.786369
HS20_str_inv	BOBJ1	646.25	Before	Right Exterior Girder	101.25	0.95	1	1	45.692138
HS20_str_inv	BOBJ1	646.25	After	Left Exterior Girder	101.25	0.95	1	1	50.659071
HS20_str_inv	BOBJ1	646.25	After	Interior Girder 1	101.25	0.95	1	1	36.605708
HS20_str_inv	BOBJ1	646.25	After	Interior Girder 2	101.25	0.95	1	1	36.605706
HS20_str_inv	BOBJ1	646.25	After	Right Exterior Girder	101.25	0.95	1	1	50.659073

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Main Span Girders									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
HS20_str_inv	BOBJ1	657.5	Before	Left Exterior Girder	112.5	0.95	1	1	51.061267
HS20_str_inv	BOBJ1	657.5	Before	Interior Girder 1	112.5	0.95	1	1	36.925295
HS20_str_inv	BOBJ1	657.5	Before	Interior Girder 2	112.5	0.95	1	1	36.925293
HS20_str_inv	BOBJ1	657.5	Before	Right Exterior Girder	112.5	0.95	1	1	51.061269
HS20_str_inv	BOBJ1	657.5	After	Left Exterior Girder	112.5	0.95	1	1	58.012832
HS20_str_inv	BOBJ1	657.5	After	Interior Girder 1	112.5	0.95	1	1	36.373481
HS20_str_inv	BOBJ1	657.5	After	Interior Girder 2	112.5	0.95	1	1	36.373486
HS20_str_inv	BOBJ1	657.5	After	Right Exterior Girder	112.5	0.95	1	1	58.012827
HS20_str_inv	BOBJ1	668.75	Before	Left Exterior Girder	123.75	0.95	1	1	58.467615
HS20_str_inv	BOBJ1	668.75	Before	Interior Girder 1	123.75	0.95	1	1	36.687187
HS20_str_inv	BOBJ1	668.75	Before	Interior Girder 2	123.75	0.95	1	1	36.687192
HS20_str_inv	BOBJ1	668.75	Before	Right Exterior Girder	123.75	0.95	1	1	58.46761
HS20_str_inv	BOBJ1	668.75	After	Left Exterior Girder	123.75	0.95	1	1	66.305096
HS20_str_inv	BOBJ1	668.75	After	Interior Girder 1	123.75	0.95	1	1	41.901923
HS20_str_inv	BOBJ1	668.75	After	Interior Girder 2	123.75	0.95	1	1	41.901929
HS20_str_inv	BOBJ1	668.75	After	Right Exterior Girder	123.75	0.95	1	1	66.305088
HS20_str_inv	BOBJ1	680	Before	Left Exterior Girder	135	0.95	1	1	66.819082
HS20_str_inv	BOBJ1	680	Before	Interior Girder 1	135	0.95	1	1	42.259251
HS20_str_inv	BOBJ1	680	Before	Interior Girder 2	135	0.95	1	1	42.259257
HS20_str_inv	BOBJ1	680	Before	Right Exterior Girder	135	0.95	1	1	66.819074
HS20_str_inv	BOBJ1	680	After	Left Exterior Girder	135	0.95	1	1	75.862261
HS20_str_inv	BOBJ1	680	After	Interior Girder 1	135	0.95	1	1	41.512317
HS20_str_inv	BOBJ1	680	After	Interior Girder 2	135	0.95	1	1	41.512315
HS20_str_inv	BOBJ1	680	After	Right Exterior Girder	135	0.95	1	1	75.862266
HS20_str_inv	BOBJ1	691.25	Before	Left Exterior Girder	146.25	0.95	1	1	75.299303
HS20_str_inv	BOBJ1	691.25	Before	Interior Girder 1	146.25	0.95	1	1	41.862142
HS20_str_inv	BOBJ1	691.25	Before	Interior Girder 2	146.25	0.95	1	1	41.86214
HS20_str_inv	BOBJ1	691.25	Before	Right Exterior Girder	146.25	0.95	1	1	75.299308
HS20_str_inv	BOBJ1	691.25	After	Left Exterior Girder	146.25	0.95	1	1	65.851549
HS20_str_inv	BOBJ1	691.25	After	Interior Girder 1	146.25	0.95	1	1	40.504357
HS20_str_inv	BOBJ1	691.25	After	Interior Girder 2	146.25	0.95	1	1	40.504359
HS20_str_inv	BOBJ1	691.25	After	Right Exterior Girder	146.25	0.95	1	1	65.851549
HS20_str_inv	BOBJ1	702.5	Before	Left Exterior Girder	157.5	0.95	1	1	65.357596
HS20_str_inv	BOBJ1	702.5	Before	Interior Girder 1	157.5	0.95	1	1	40.170034
HS20_str_inv	BOBJ1	702.5	Before	Interior Girder 2	157.5	0.95	1	1	40.170036
HS20_str_inv	BOBJ1	702.5	Before	Right Exterior Girder	157.5	0.95	1	1	65.357596
HS20_str_inv	BOBJ1	702.5	After	Left Exterior Girder	157.5	0.95	1	1	56.580579
HS20_str_inv	BOBJ1	702.5	After	Interior Girder 1	157.5	0.95	1	1	40.815075
HS20_str_inv	BOBJ1	702.5	After	Interior Girder 2	157.5	0.95	1	1	40.815076
HS20_str_inv	BOBJ1	702.5	After	Right Exterior Girder	157.5	0.95	1	1	56.580574
HS20_str_inv	BOBJ1	713.75	Before	Left Exterior Girder	168.75	0.95	1	1	56.150966
HS20_str_inv	BOBJ1	713.75	Before	Interior Girder 1	168.75	0.95	1	1	40.47425
HS20_str_inv	BOBJ1	713.75	Before	Interior Girder 2	168.75	0.95	1	1	40.474252
HS20_str_inv	BOBJ1	713.75	Before	Right Exterior Girder	168.75	0.95	1	1	56.150961
HS20_str_inv	BOBJ1	713.75	After	Left Exterior Girder	168.75	0.95	1	1	50.324385
HS20_str_inv	BOBJ1	713.75	After	Interior Girder 1	168.75	0.95	1	1	35.399287
HS20_str_inv	BOBJ1	713.75	After	Interior Girder 2	168.75	0.95	1	1	35.399287
HS20_str_inv	BOBJ1	713.75	After	Right Exterior Girder	168.75	0.95	1	1	50.324384
HS20_str_inv	BOBJ1	725	Before	Left Exterior Girder	180	0.95	1	1	49.938046
HS20_str_inv	BOBJ1	725	Before	Interior Girder 1	180	0.95	1	1	35.100403
HS20_str_inv	BOBJ1	725	Before	Interior Girder 2	180	0.95	1	1	35.100403
HS20_str_inv	BOBJ1	725	Before	Right Exterior Girder	180	0.95	1	1	49.938045
HS20_str_inv	BOBJ1	725	After	Left Exterior Girder	180	0.95	1	1	44.161812
HS20_str_inv	BOBJ1	725	After	Interior Girder 1	180	0.95	1	1	34.406534
HS20_str_inv	BOBJ1	725	After	Interior Girder 2	180	0.95	1	1	34.406532
HS20_str_inv	BOBJ1	725	After	Right Exterior Girder	180	0.95	1	1	44.161817
HS20_str_inv	BOBJ1	731.1726	Before	Left Exterior Girder	186.1726	0.95	1	1	43.973602
HS20_str_inv	BOBJ1	731.1726	Before	Interior Girder 1	186.1726	0.95	1	1	34.245369
HS20_str_inv	BOBJ1	731.1726	Before	Interior Girder 2	186.1726	0.95	1	1	34.245367
HS20_str_inv	BOBJ1	731.1726	Before	Right Exterior Girder	186.1726	0.95	1	1	43.973607
HS20_str_inv	BOBJ1	731.1726	After	Left Exterior Girder	186.1726	0.95	1	1	25.570705
HS20_str_inv	BOBJ1	731.1726	After	Interior Girder 1	186.1726	0.95	1	1	19.493865
HS20_str_inv	BOBJ1	731.1726	After	Interior Girder 2	186.1726	0.95	1	1	19.493863
HS20_str_inv	BOBJ1	731.1726	After	Right Exterior Girder	186.1726	0.95	1	1	25.570707
HS20_str_inv	BOBJ1	736.25	Before	Left Exterior Girder	191.25	0.95	1	1	25.452811
HS20_str_inv	BOBJ1	736.25	Before	Interior Girder 1	191.25	0.95	1	1	19.393005
HS20_str_inv	BOBJ1	736.25	Before	Interior Girder 2	191.25	0.95	1	1	19.393004
HS20_str_inv	BOBJ1	736.25	Before	Right Exterior Girder	191.25	0.95	1	1	25.452814

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Main Span Girders									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
HS20_str_inv	BOBJ1	736.25	After	Left Exterior Girder	191.25	0.95	1	1	24.644848
HS20_str_inv	BOBJ1	736.25	After	Interior Girder 1	191.25	0.95	1	1	18.301951
HS20_str_inv	BOBJ1	736.25	After	Interior Girder 2	191.25	0.95	1	1	18.301951
HS20_str_inv	BOBJ1	736.25	After	Right Exterior Girder	191.25	0.95	1	1	24.644849
HS20_str_inv	BOBJ1	747.5	Before	Left Exterior Girder	202.5	0.95	1	1	24.391
HS20_str_inv	BOBJ1	747.5	Before	Interior Girder 1	202.5	0.95	1	1	18.090299
HS20_str_inv	BOBJ1	747.5	Before	Interior Girder 2	202.5	0.95	1	1	18.090299
HS20_str_inv	BOBJ1	747.5	Before	Right Exterior Girder	202.5	0.95	1	1	24.391
HS20_str_inv	BOBJ1	747.5	After	Left Exterior Girder	202.5	0.95	1	1	22.024179
HS20_str_inv	BOBJ1	747.5	After	Interior Girder 1	202.5	0.95	1	1	16.605637
HS20_str_inv	BOBJ1	747.5	After	Interior Girder 2	202.5	0.95	1	1	16.605636
HS20_str_inv	BOBJ1	747.5	After	Right Exterior Girder	202.5	0.95	1	1	22.024178
HS20_str_inv	BOBJ1	758.75	Before	Left Exterior Girder	213.75	0.95	1	1	21.793086
HS20_str_inv	BOBJ1	758.75	Before	Interior Girder 1	213.75	0.95	1	1	16.410275
HS20_str_inv	BOBJ1	758.75	Before	Interior Girder 2	213.75	0.95	1	1	16.410274
HS20_str_inv	BOBJ1	758.75	Before	Right Exterior Girder	213.75	0.95	1	1	21.793085
HS20_str_inv	BOBJ1	758.75	After	Left Exterior Girder	213.75	0.95	1	1	20.181235
HS20_str_inv	BOBJ1	758.75	After	Interior Girder 1	213.75	0.95	1	1	13.567325
HS20_str_inv	BOBJ1	758.75	After	Interior Girder 2	213.75	0.95	1	1	13.567324
HS20_str_inv	BOBJ1	758.75	After	Right Exterior Girder	213.75	0.95	1	1	20.181236
HS20_str_inv	BOBJ1	770	Before	Left Exterior Girder	225	0.95	1	1	19.965999
HS20_str_inv	BOBJ1	770	Before	Interior Girder 1	225	0.95	1	1	13.40505
HS20_str_inv	BOBJ1	770	Before	Interior Girder 2	225	0.95	1	1	13.405048
HS20_str_inv	BOBJ1	770	Before	Right Exterior Girder	225	0.95	1	1	19.965999
HS15_str_opr	BOBJ1	0	After	Left Exterior Girder	0	0.95	1	1	34.509137
HS15_str_opr	BOBJ1	0	After	Interior Girder 1	0	0.95	1	1	23.169221
HS15_str_opr	BOBJ1	0	After	Interior Girder 2	0	0.95	1	1	23.169222
HS15_str_opr	BOBJ1	0	After	Right Exterior Girder	0	0.95	1	1	34.509135
HS15_str_opr	BOBJ1	11.25	Before	Left Exterior Girder	11.25	0.95	1	1	34.88115
HS15_str_opr	BOBJ1	11.25	Before	Interior Girder 1	11.25	0.95	1	1	23.449697
HS15_str_opr	BOBJ1	11.25	Before	Interior Girder 2	11.25	0.95	1	1	23.449698
HS15_str_opr	BOBJ1	11.25	Before	Right Exterior Girder	11.25	0.95	1	1	34.881148
HS15_str_opr	BOBJ1	11.25	After	Left Exterior Girder	11.25	0.95	1	1	37.667064
HS15_str_opr	BOBJ1	11.25	After	Interior Girder 1	11.25	0.95	1	1	28.363438
HS15_str_opr	BOBJ1	11.25	After	Interior Girder 2	11.25	0.95	1	1	28.36344
HS15_str_opr	BOBJ1	11.25	After	Right Exterior Girder	11.25	0.95	1	1	37.667062
HS15_str_opr	BOBJ1	22.5	Before	Left Exterior Girder	22.5	0.95	1	1	38.066484
HS15_str_opr	BOBJ1	22.5	Before	Interior Girder 1	22.5	0.95	1	1	28.7011
HS15_str_opr	BOBJ1	22.5	Before	Interior Girder 2	22.5	0.95	1	1	28.701103
HS15_str_opr	BOBJ1	22.5	Before	Right Exterior Girder	22.5	0.95	1	1	38.066482
HS15_str_opr	BOBJ1	22.5	After	Left Exterior Girder	22.5	0.95	1	1	42.157288
HS15_str_opr	BOBJ1	22.5	After	Interior Girder 1	22.5	0.95	1	1	31.267182
HS15_str_opr	BOBJ1	22.5	After	Interior Girder 2	22.5	0.95	1	1	31.267181
HS15_str_opr	BOBJ1	22.5	After	Right Exterior Girder	22.5	0.95	1	1	42.157288
HS15_str_opr	BOBJ1	33.75	Before	Left Exterior Girder	33.75	0.95	1	1	42.596039
HS15_str_opr	BOBJ1	33.75	Before	Interior Girder 1	33.75	0.95	1	1	31.633001
HS15_str_opr	BOBJ1	33.75	Before	Interior Girder 2	33.75	0.95	1	1	31.633
HS15_str_opr	BOBJ1	33.75	Before	Right Exterior Girder	33.75	0.95	1	1	42.596039
HS15_str_opr	BOBJ1	33.75	After	Left Exterior Girder	33.75	0.95	1	1	43.99252
HS15_str_opr	BOBJ1	33.75	After	Interior Girder 1	33.75	0.95	1	1	33.518773
HS15_str_opr	BOBJ1	33.75	After	Interior Girder 2	33.75	0.95	1	1	33.51877
HS15_str_opr	BOBJ1	33.75	After	Right Exterior Girder	33.75	0.95	1	1	43.992521
HS15_str_opr	BOBJ1	38.8274	Before	Left Exterior Girder	38.8274	0.95	1	1	44.196287
HS15_str_opr	BOBJ1	38.8274	Before	Interior Girder 1	38.8274	0.95	1	1	33.693097
HS15_str_opr	BOBJ1	38.8274	Before	Interior Girder 2	38.8274	0.95	1	1	33.693095
HS15_str_opr	BOBJ1	38.8274	Before	Right Exterior Girder	38.8274	0.95	1	1	44.196288
HS15_str_opr	BOBJ1	38.8274	After	Left Exterior Girder	38.8274	0.95	1	1	76.00377
HS15_str_opr	BOBJ1	38.8274	After	Interior Girder 1	38.8274	0.95	1	1	59.189521
HS15_str_opr	BOBJ1	38.8274	After	Interior Girder 2	38.8274	0.95	1	1	59.189518
HS15_str_opr	BOBJ1	38.8274	After	Right Exterior Girder	38.8274	0.95	1	1	76.003773
HS15_str_opr	BOBJ1	45	Before	Left Exterior Girder	45	0.95	1	1	76.329071
HS15_str_opr	BOBJ1	45	Before	Interior Girder 1	45	0.95	1	1	59.468077
HS15_str_opr	BOBJ1	45	Before	Interior Girder 2	45	0.95	1	1	59.468074
HS15_str_opr	BOBJ1	45	Before	Right Exterior Girder	45	0.95	1	1	76.329075
HS15_str_opr	BOBJ1	45	After	Left Exterior Girder	45	0.95	1	1	86.312684
HS15_str_opr	BOBJ1	45	After	Interior Girder 1	45	0.95	1	1	60.66736
HS15_str_opr	BOBJ1	45	After	Interior Girder 2	45	0.95	1	1	60.667354
HS15_str_opr	BOBJ1	45	After	Right Exterior Girder	45	0.95	1	1	86.312687

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Main Span Girders									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
HS15_str_opr	BOBJ1	56.25	Before	Left Exterior Girder	56.25	0.95	1	1	86.98043
HS15_str_opr	BOBJ1	56.25	Before	Interior Girder 1	56.25	0.95	1	1	61.18395
HS15_str_opr	BOBJ1	56.25	Before	Interior Girder 2	56.25	0.95	1	1	61.183944
HS15_str_opr	BOBJ1	56.25	Before	Right Exterior Girder	56.25	0.95	1	1	86.980433
HS15_str_opr	BOBJ1	56.25	After	Left Exterior Girder	56.25	0.95	1	1	97.051063
HS15_str_opr	BOBJ1	56.25	After	Interior Girder 1	56.25	0.95	1	1	69.955491
HS15_str_opr	BOBJ1	56.25	After	Interior Girder 2	56.25	0.95	1	1	69.955484
HS15_str_opr	BOBJ1	56.25	After	Right Exterior Girder	56.25	0.95	1	1	97.051066
HS15_str_opr	BOBJ1	67.5	Before	Left Exterior Girder	67.5	0.95	1	1	97.793605
HS15_str_opr	BOBJ1	67.5	Before	Interior Girder 1	67.5	0.95	1	1	70.54457
HS15_str_opr	BOBJ1	67.5	Before	Interior Girder 2	67.5	0.95	1	1	70.544563
HS15_str_opr	BOBJ1	67.5	Before	Right Exterior Girder	67.5	0.95	1	1	97.793608
HS15_str_opr	BOBJ1	67.5	After	Left Exterior Girder	67.5	0.95	1	1	112.963776
HS15_str_opr	BOBJ1	67.5	After	Interior Girder 1	67.5	0.95	1	1	69.429683
HS15_str_opr	BOBJ1	67.5	After	Interior Girder 2	67.5	0.95	1	1	69.429687
HS15_str_opr	BOBJ1	67.5	After	Right Exterior Girder	67.5	0.95	1	1	112.963751
HS15_str_opr	BOBJ1	78.75	Before	Left Exterior Girder	78.75	0.95	1	1	113.817523
HS15_str_opr	BOBJ1	78.75	Before	Interior Girder 1	78.75	0.95	1	1	70.007526
HS15_str_opr	BOBJ1	78.75	Before	Interior Girder 2	78.75	0.95	1	1	70.00753
HS15_str_opr	BOBJ1	78.75	Before	Right Exterior Girder	78.75	0.95	1	1	113.817497
HS15_str_opr	BOBJ1	78.75	After	Left Exterior Girder	78.75	0.95	1	1	130.146986
HS15_str_opr	BOBJ1	78.75	After	Interior Girder 1	78.75	0.95	1	1	72.354325
HS15_str_opr	BOBJ1	78.75	After	Interior Girder 2	78.75	0.95	1	1	72.354318
HS15_str_opr	BOBJ1	78.75	After	Right Exterior Girder	78.75	0.95	1	1	130.146951
HS15_str_opr	BOBJ1	90	Before	Left Exterior Girder	90	0.95	1	1	131.12
HS15_str_opr	BOBJ1	90	Before	Interior Girder 1	90	0.95	1	1	71.749688
HS15_str_opr	BOBJ1	90	Before	Interior Girder 2	90	0.95	1	1	71.749682
HS15_str_opr	BOBJ1	90	Before	Right Exterior Girder	90	0.95	1	1	131.119965
HS15_str_opr	BOBJ1	90	After	Left Exterior Girder	90	0.95	1	1	115.489757
HS15_str_opr	BOBJ1	90	After	Interior Girder 1	90	0.95	1	1	73.040686
HS15_str_opr	BOBJ1	90	After	Interior Girder 2	90	0.95	1	1	73.040671
HS15_str_opr	BOBJ1	90	After	Right Exterior Girder	90	0.95	1	1	115.489768
HS15_str_opr	BOBJ1	101.25	Before	Left Exterior Girder	101.25	0.95	1	1	114.601386
HS15_str_opr	BOBJ1	101.25	Before	Interior Girder 1	101.25	0.95	1	1	72.423082
HS15_str_opr	BOBJ1	101.25	Before	Interior Girder 2	101.25	0.95	1	1	72.423067
HS15_str_opr	BOBJ1	101.25	Before	Right Exterior Girder	101.25	0.95	1	1	114.601397
HS15_str_opr	BOBJ1	101.25	After	Left Exterior Girder	101.25	0.95	1	1	101.055129
HS15_str_opr	BOBJ1	101.25	After	Interior Girder 1	101.25	0.95	1	1	63.409957
HS15_str_opr	BOBJ1	101.25	After	Interior Girder 2	101.25	0.95	1	1	63.409946
HS15_str_opr	BOBJ1	101.25	After	Right Exterior Girder	101.25	0.95	1	1	101.055134
HS15_str_opr	BOBJ1	112.5	Before	Left Exterior Girder	112.5	0.95	1	1	100.269085
HS15_str_opr	BOBJ1	112.5	Before	Interior Girder 1	112.5	0.95	1	1	62.867748
HS15_str_opr	BOBJ1	112.5	Before	Interior Girder 2	112.5	0.95	1	1	62.867737
HS15_str_opr	BOBJ1	112.5	Before	Right Exterior Girder	112.5	0.95	1	1	100.26909
HS15_str_opr	BOBJ1	112.5	After	Left Exterior Girder	112.5	0.95	1	1	88.254044
HS15_str_opr	BOBJ1	112.5	After	Interior Girder 1	112.5	0.95	1	1	63.821491
HS15_str_opr	BOBJ1	112.5	After	Interior Girder 2	112.5	0.95	1	1	63.821494
HS15_str_opr	BOBJ1	112.5	After	Right Exterior Girder	112.5	0.95	1	1	88.254039
HS15_str_opr	BOBJ1	123.75	Before	Left Exterior Girder	123.75	0.95	1	1	87.55889
HS15_str_opr	BOBJ1	123.75	Before	Interior Girder 1	123.75	0.95	1	1	63.269118
HS15_str_opr	BOBJ1	123.75	Before	Interior Girder 2	123.75	0.95	1	1	63.269121
HS15_str_opr	BOBJ1	123.75	Before	Right Exterior Girder	123.75	0.95	1	1	87.558885
HS15_str_opr	BOBJ1	123.75	After	Left Exterior Girder	123.75	0.95	1	1	78.974013
HS15_str_opr	BOBJ1	123.75	After	Interior Girder 1	123.75	0.95	1	1	54.939402
HS15_str_opr	BOBJ1	123.75	After	Interior Girder 2	123.75	0.95	1	1	54.939406
HS15_str_opr	BOBJ1	123.75	After	Right Exterior Girder	123.75	0.95	1	1	78.974008
HS15_str_opr	BOBJ1	126.4381	Before	Left Exterior Girder	126.4381	0.95	1	1	78.823785
HS15_str_opr	BOBJ1	126.4381	Before	Interior Girder 1	126.4381	0.95	1	1	54.824676
HS15_str_opr	BOBJ1	126.4381	Before	Interior Girder 2	126.4381	0.95	1	1	54.824679
HS15_str_opr	BOBJ1	126.4381	Before	Right Exterior Girder	126.4381	0.95	1	1	78.82378
HS15_str_opr	BOBJ1	126.4381	After	Left Exterior Girder	126.4381	0.95	1	1	47.218624
HS15_str_opr	BOBJ1	126.4381	After	Interior Girder 1	126.4381	0.95	1	1	32.861612
HS15_str_opr	BOBJ1	126.4381	After	Interior Girder 2	126.4381	0.95	1	1	32.861615
HS15_str_opr	BOBJ1	126.4381	After	Right Exterior Girder	126.4381	0.95	1	1	47.218621
HS15_str_opr	BOBJ1	135	Before	Left Exterior Girder	135	0.95	1	1	46.838322
HS15_str_opr	BOBJ1	135	Before	Interior Girder 1	135	0.95	1	1	32.564611
HS15_str_opr	BOBJ1	135	Before	Interior Girder 2	135	0.95	1	1	32.564613
HS15_str_opr	BOBJ1	135	Before	Right Exterior Girder	135	0.95	1	1	46.838319

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Main Span Girders									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
HS15_str_opr	BOBJ1	135	After	Left Exterior Girder	135	0.95	1	1	43.216482
HS15_str_opr	BOBJ1	135	After	Interior Girder 1	135	0.95	1	1	33.865179
HS15_str_opr	BOBJ1	135	After	Interior Girder 2	135	0.95	1	1	33.865182
HS15_str_opr	BOBJ1	135	After	Right Exterior Girder	135	0.95	1	1	43.216479
HS15_str_opr	BOBJ1	146.25	Before	Left Exterior Girder	146.25	0.95	1	1	42.752136
HS15_str_opr	BOBJ1	146.25	Before	Interior Girder 1	146.25	0.95	1	1	33.457116
HS15_str_opr	BOBJ1	146.25	Before	Interior Girder 2	146.25	0.95	1	1	33.457119
HS15_str_opr	BOBJ1	146.25	Before	Right Exterior Girder	146.25	0.95	1	1	42.752133
HS15_str_opr	BOBJ1	146.25	After	Left Exterior Girder	146.25	0.95	1	1	39.69035
HS15_str_opr	BOBJ1	146.25	After	Interior Girder 1	146.25	0.95	1	1	29.701628
HS15_str_opr	BOBJ1	146.25	After	Interior Girder 2	146.25	0.95	1	1	29.70163
HS15_str_opr	BOBJ1	146.25	After	Right Exterior Girder	146.25	0.95	1	1	39.690349
HS15_str_opr	BOBJ1	157.5	Before	Left Exterior Girder	157.5	0.95	1	1	39.256698
HS15_str_opr	BOBJ1	157.5	Before	Interior Girder 1	157.5	0.95	1	1	29.337637
HS15_str_opr	BOBJ1	157.5	Before	Interior Girder 2	157.5	0.95	1	1	29.337639
HS15_str_opr	BOBJ1	157.5	Before	Right Exterior Girder	157.5	0.95	1	1	39.256696
HS15_str_opr	BOBJ1	157.5	After	Left Exterior Girder	157.5	0.95	1	1	36.361617
HS15_str_opr	BOBJ1	157.5	After	Interior Girder 1	157.5	0.95	1	1	28.577613
HS15_str_opr	BOBJ1	157.5	After	Interior Girder 2	157.5	0.95	1	1	28.577611
HS15_str_opr	BOBJ1	157.5	After	Right Exterior Girder	157.5	0.95	1	1	36.361616
HS15_str_opr	BOBJ1	168.2522	Before	Left Exterior Girder	168.2522	0.95	1	1	35.974714
HS15_str_opr	BOBJ1	168.2522	Before	Interior Girder 1	168.2522	0.95	1	1	28.236537
HS15_str_opr	BOBJ1	168.2522	Before	Interior Girder 2	168.2522	0.95	1	1	28.236536
HS15_str_opr	BOBJ1	168.2522	Before	Right Exterior Girder	168.2522	0.95	1	1	35.974713
HS15_str_opr	BOBJ1	168.2522	After	Left Exterior Girder	168.2522	0.95	1	1	48.661473
HS15_str_opr	BOBJ1	168.2522	After	Interior Girder 1	168.2522	0.95	1	1	37.904926
HS15_str_opr	BOBJ1	168.2522	After	Interior Girder 2	168.2522	0.95	1	1	37.904924
HS15_str_opr	BOBJ1	168.2522	After	Right Exterior Girder	168.2522	0.95	1	1	48.661472
HS15_str_opr	BOBJ1	168.75	Before	Left Exterior Girder	168.75	0.95	1	1	48.642066
HS15_str_opr	BOBJ1	168.75	Before	Interior Girder 1	168.75	0.95	1	1	37.888509
HS15_str_opr	BOBJ1	168.75	Before	Interior Girder 2	168.75	0.95	1	1	37.888507
HS15_str_opr	BOBJ1	168.75	Before	Right Exterior Girder	168.75	0.95	1	1	48.642065
HS15_str_opr	BOBJ1	168.75	After	Left Exterior Girder	168.75	0.95	1	1	53.009417
HS15_str_opr	BOBJ1	168.75	After	Interior Girder 1	168.75	0.95	1	1	39.078149
HS15_str_opr	BOBJ1	168.75	After	Interior Girder 2	168.75	0.95	1	1	39.078147
HS15_str_opr	BOBJ1	168.75	After	Right Exterior Girder	168.75	0.95	1	1	53.009416
HS15_str_opr	BOBJ1	180	Before	Left Exterior Girder	180	0.95	1	1	52.533501
HS15_str_opr	BOBJ1	180	Before	Interior Girder 1	180	0.95	1	1	38.692377
HS15_str_opr	BOBJ1	180	Before	Interior Girder 2	180	0.95	1	1	38.692374
HS15_str_opr	BOBJ1	180	Before	Right Exterior Girder	180	0.95	1	1	52.5335
HS15_str_opr	BOBJ1	180	After	Left Exterior Girder	180	0.95	1	1	49.036093
HS15_str_opr	BOBJ1	180	After	Interior Girder 1	180	0.95	1	1	35.638798
HS15_str_opr	BOBJ1	180	After	Interior Girder 2	180	0.95	1	1	35.638796
HS15_str_opr	BOBJ1	180	After	Right Exterior Girder	180	0.95	1	1	49.036096
HS15_str_opr	BOBJ1	183.1858	Before	Left Exterior Girder	183.1858	0.95	1	1	48.909716
HS15_str_opr	BOBJ1	183.1858	Before	Interior Girder 1	183.1858	0.95	1	1	35.537921
HS15_str_opr	BOBJ1	183.1858	Before	Interior Girder 2	183.1858	0.95	1	1	35.537919
HS15_str_opr	BOBJ1	183.1858	Before	Right Exterior Girder	183.1858	0.95	1	1	48.909718
HS15_str_opr	BOBJ1	183.1858	After	Left Exterior Girder	183.1858	0.95	1	1	78.089018
HS15_str_opr	BOBJ1	183.1858	After	Interior Girder 1	183.1858	0.95	1	1	55.49814
HS15_str_opr	BOBJ1	183.1858	After	Interior Girder 2	183.1858	0.95	1	1	55.498137
HS15_str_opr	BOBJ1	183.1858	After	Right Exterior Girder	183.1858	0.95	1	1	78.089022
HS15_str_opr	BOBJ1	191.25	Before	Left Exterior Girder	191.25	0.95	1	1	77.682475
HS15_str_opr	BOBJ1	191.25	Before	Interior Girder 1	191.25	0.95	1	1	55.186452
HS15_str_opr	BOBJ1	191.25	Before	Interior Girder 2	191.25	0.95	1	1	55.186449
HS15_str_opr	BOBJ1	191.25	Before	Right Exterior Girder	191.25	0.95	1	1	77.682479
HS15_str_opr	BOBJ1	191.25	After	Left Exterior Girder	191.25	0.95	1	1	75.627664
HS15_str_opr	BOBJ1	191.25	After	Interior Girder 1	191.25	0.95	1	1	51.035815
HS15_str_opr	BOBJ1	191.25	After	Interior Girder 2	191.25	0.95	1	1	51.035813
HS15_str_opr	BOBJ1	191.25	After	Right Exterior Girder	191.25	0.95	1	1	75.627668
HS15_str_opr	BOBJ1	199.9414	Before	Left Exterior Girder	199.9414	0.95	1	1	75.200284
HS15_str_opr	BOBJ1	199.9414	Before	Interior Girder 1	199.9414	0.95	1	1	50.724626
HS15_str_opr	BOBJ1	199.9414	Before	Interior Girder 2	199.9414	0.95	1	1	50.724624
HS15_str_opr	BOBJ1	199.9414	Before	Right Exterior Girder	199.9414	0.95	1	1	75.200288
HS15_str_opr	BOBJ1	199.9414	After	Left Exterior Girder	199.9414	0.95	1	1	95.919441
HS15_str_opr	BOBJ1	199.9414	After	Interior Girder 1	199.9414	0.95	1	1	61.387797
HS15_str_opr	BOBJ1	199.9414	After	Interior Girder 2	199.9414	0.95	1	1	61.387795
HS15_str_opr	BOBJ1	199.9414	After	Right Exterior Girder	199.9414	0.95	1	1	95.919445

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Main Span Girders									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
HS15_str_opr	BOBJ1	202.5	Before	Left Exterior Girder	202.5	0.95	1	1	95.776002
HS15_str_opr	BOBJ1	202.5	Before	Interior Girder 1	202.5	0.95	1	1	61.289919
HS15_str_opr	BOBJ1	202.5	Before	Interior Girder 2	202.5	0.95	1	1	61.289917
HS15_str_opr	BOBJ1	202.5	Before	Right Exterior Girder	202.5	0.95	1	1	95.776006
HS15_str_opr	BOBJ1	202.5	After	Left Exterior Girder	202.5	0.95	1	1	96.522804
HS15_str_opr	BOBJ1	202.5	After	Interior Girder 1	202.5	0.95	1	1	61.835812
HS15_str_opr	BOBJ1	202.5	After	Interior Girder 2	202.5	0.95	1	1	61.835811
HS15_str_opr	BOBJ1	202.5	After	Right Exterior Girder	202.5	0.95	1	1	96.522806
HS15_str_opr	BOBJ1	210.5642	Before	Left Exterior Girder	210.5642	0.95	1	1	96.066727
HS15_str_opr	BOBJ1	210.5642	Before	Interior Girder 1	210.5642	0.95	1	1	61.524007
HS15_str_opr	BOBJ1	210.5642	Before	Interior Girder 2	210.5642	0.95	1	1	61.524006
HS15_str_opr	BOBJ1	210.5642	Before	Right Exterior Girder	210.5642	0.95	1	1	96.06673
HS15_str_opr	BOBJ1	210.5642	After	Left Exterior Girder	210.5642	0.95	1	1	116.601533
HS15_str_opr	BOBJ1	210.5642	After	Interior Girder 1	210.5642	0.95	1	1	71.465746
HS15_str_opr	BOBJ1	210.5642	After	Interior Girder 2	210.5642	0.95	1	1	71.465746
HS15_str_opr	BOBJ1	210.5642	After	Right Exterior Girder	210.5642	0.95	1	1	116.601536
HS15_str_opr	BOBJ1	213.75	Before	Left Exterior Girder	213.75	0.95	1	1	116.398938
HS15_str_opr	BOBJ1	213.75	Before	Interior Girder 1	213.75	0.95	1	1	71.334352
HS15_str_opr	BOBJ1	213.75	Before	Interior Girder 2	213.75	0.95	1	1	71.334351
HS15_str_opr	BOBJ1	213.75	Before	Right Exterior Girder	213.75	0.95	1	1	116.398941
HS15_str_opr	BOBJ1	213.75	After	Left Exterior Girder	213.75	0.95	1	1	116.482301
HS15_str_opr	BOBJ1	213.75	After	Interior Girder 1	213.75	0.95	1	1	69.601581
HS15_str_opr	BOBJ1	213.75	After	Interior Girder 2	213.75	0.95	1	1	69.60158
HS15_str_opr	BOBJ1	213.75	After	Right Exterior Girder	213.75	0.95	1	1	116.482304
HS15_str_opr	BOBJ1	225	Before	Left Exterior Girder	225	0.95	1	1	115.765792
HS15_str_opr	BOBJ1	225	Before	Interior Girder 1	225	0.95	1	1	69.148412
HS15_str_opr	BOBJ1	225	Before	Interior Girder 2	225	0.95	1	1	69.148412
HS15_str_opr	BOBJ1	225	Before	Right Exterior Girder	225	0.95	1	1	115.765795
HS15_str_opr	BOBJ1	225	After	Left Exterior Girder	0	0.95	1	1	108.951243
HS15_str_opr	BOBJ1	225	After	Interior Girder 1	0	0.95	1	1	65.063038
HS15_str_opr	BOBJ1	225	After	Interior Girder 2	0	0.95	1	1	65.063038
HS15_str_opr	BOBJ1	225	After	Right Exterior Girder	0	0.95	1	1	108.951241
HS15_str_opr	BOBJ1	236.45	Before	Left Exterior Girder	11.45	0.95	1	1	111.830985
HS15_str_opr	BOBJ1	236.45	Before	Interior Girder 1	11.45	0.95	1	1	69.407033
HS15_str_opr	BOBJ1	236.45	Before	Interior Girder 2	11.45	0.95	1	1	69.407033
HS15_str_opr	BOBJ1	236.45	Before	Right Exterior Girder	11.45	0.95	1	1	111.830984
HS15_str_opr	BOBJ1	236.45	After	Left Exterior Girder	11.45	0.95	1	1	111.683547
HS15_str_opr	BOBJ1	236.45	After	Interior Girder 1	11.45	0.95	1	1	70.188293
HS15_str_opr	BOBJ1	236.45	After	Interior Girder 2	11.45	0.95	1	1	70.188294
HS15_str_opr	BOBJ1	236.45	After	Right Exterior Girder	11.45	0.95	1	1	111.683545
HS15_str_opr	BOBJ1	239.5082	Before	Left Exterior Girder	14.5082	0.95	1	1	111.87211
HS15_str_opr	BOBJ1	239.5082	Before	Interior Girder 1	14.5082	0.95	1	1	70.313643
HS15_str_opr	BOBJ1	239.5082	Before	Interior Girder 2	14.5082	0.95	1	1	70.313644
HS15_str_opr	BOBJ1	239.5082	Before	Right Exterior Girder	14.5082	0.95	1	1	111.872108
HS15_str_opr	BOBJ1	239.5082	After	Left Exterior Girder	14.5082	0.95	1	1	91.744599
HS15_str_opr	BOBJ1	239.5082	After	Interior Girder 1	14.5082	0.95	1	1	60.418306
HS15_str_opr	BOBJ1	239.5082	After	Interior Girder 2	14.5082	0.95	1	1	60.418307
HS15_str_opr	BOBJ1	239.5082	After	Right Exterior Girder	14.5082	0.95	1	1	91.744598
HS15_str_opr	BOBJ1	247.9	Before	Left Exterior Girder	22.9	0.95	1	1	92.203815
HS15_str_opr	BOBJ1	247.9	Before	Interior Girder 1	22.9	0.95	1	1	60.740995
HS15_str_opr	BOBJ1	247.9	Before	Interior Girder 2	22.9	0.95	1	1	60.740996
HS15_str_opr	BOBJ1	247.9	Before	Right Exterior Girder	22.9	0.95	1	1	92.203814
HS15_str_opr	BOBJ1	247.9	After	Left Exterior Girder	22.9	0.95	1	1	95.66583
HS15_str_opr	BOBJ1	247.9	After	Interior Girder 1	22.9	0.95	1	1	65.159004
HS15_str_opr	BOBJ1	247.9	After	Interior Girder 2	22.9	0.95	1	1	65.159005
HS15_str_opr	BOBJ1	247.9	After	Right Exterior Girder	22.9	0.95	1	1	95.665829
HS15_str_opr	BOBJ1	258.5189	Before	Left Exterior Girder	33.5189	0.95	1	1	96.267363
HS15_str_opr	BOBJ1	258.5189	Before	Interior Girder 1	33.5189	0.95	1	1	65.596151
HS15_str_opr	BOBJ1	258.5189	Before	Interior Girder 2	33.5189	0.95	1	1	65.596152
HS15_str_opr	BOBJ1	258.5189	Before	Right Exterior Girder	33.5189	0.95	1	1	96.267361
HS15_str_opr	BOBJ1	258.5189	After	Left Exterior Girder	33.5189	0.95	1	1	70.784746
HS15_str_opr	BOBJ1	258.5189	After	Interior Girder 1	33.5189	0.95	1	1	51.740398
HS15_str_opr	BOBJ1	258.5189	After	Interior Girder 2	33.5189	0.95	1	1	51.740398
HS15_str_opr	BOBJ1	258.5189	After	Right Exterior Girder	33.5189	0.95	1	1	70.784744
HS15_str_opr	BOBJ1	259.3	Before	Left Exterior Girder	34.3	0.95	1	1	70.821371
HS15_str_opr	BOBJ1	259.3	Before	Interior Girder 1	34.3	0.95	1	1	51.769083
HS15_str_opr	BOBJ1	259.3	Before	Interior Girder 2	34.3	0.95	1	1	51.769084
HS15_str_opr	BOBJ1	259.3	Before	Right Exterior Girder	34.3	0.95	1	1	70.821369

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Main Span Girders									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
HS15_str_opr	BOBJ1	259.3	After	Left Exterior Girder	34.3	0.95	1	1	73.992336
HS15_str_opr	BOBJ1	259.3	After	Interior Girder 1	34.3	0.95	1	1	52.995466
HS15_str_opr	BOBJ1	259.3	After	Interior Girder 2	34.3	0.95	1	1	52.995466
HS15_str_opr	BOBJ1	259.3	After	Right Exterior Girder	34.3	0.95	1	1	73.992335
HS15_str_opr	BOBJ1	266.1031	Before	Left Exterior Girder	41.1031	0.95	1	1	74.324202
HS15_str_opr	BOBJ1	266.1031	Before	Interior Girder 1	41.1031	0.95	1	1	53.251858
HS15_str_opr	BOBJ1	266.1031	Before	Interior Girder 2	41.1031	0.95	1	1	53.251859
HS15_str_opr	BOBJ1	266.1031	Before	Right Exterior Girder	41.1031	0.95	1	1	74.3242
HS15_str_opr	BOBJ1	266.1031	After	Left Exterior Girder	41.1031	0.95	1	1	46.64387
HS15_str_opr	BOBJ1	266.1031	After	Interior Girder 1	41.1031	0.95	1	1	34.41255
HS15_str_opr	BOBJ1	266.1031	After	Interior Girder 2	41.1031	0.95	1	1	34.41255
HS15_str_opr	BOBJ1	266.1031	After	Right Exterior Girder	41.1031	0.95	1	1	46.643868
HS15_str_opr	BOBJ1	270.7	Before	Left Exterior Girder	45.7	0.95	1	1	46.822329
HS15_str_opr	BOBJ1	270.7	Before	Interior Girder 1	45.7	0.95	1	1	34.557256
HS15_str_opr	BOBJ1	270.7	Before	Interior Girder 2	45.7	0.95	1	1	34.557256
HS15_str_opr	BOBJ1	270.7	Before	Right Exterior Girder	45.7	0.95	1	1	46.822328
HS15_str_opr	BOBJ1	270.7	After	Left Exterior Girder	45.7	0.95	1	1	47.352956
HS15_str_opr	BOBJ1	270.7	After	Interior Girder 1	45.7	0.95	1	1	33.577065
HS15_str_opr	BOBJ1	270.7	After	Interior Girder 2	45.7	0.95	1	1	33.577065
HS15_str_opr	BOBJ1	270.7	After	Right Exterior Girder	45.7	0.95	1	1	47.352954
HS15_str_opr	BOBJ1	273.6874	Before	Left Exterior Girder	48.6874	0.95	1	1	47.470023
HS15_str_opr	BOBJ1	273.6874	Before	Interior Girder 1	48.6874	0.95	1	1	33.668153
HS15_str_opr	BOBJ1	273.6874	Before	Interior Girder 2	48.6874	0.95	1	1	33.668153
HS15_str_opr	BOBJ1	273.6874	Before	Right Exterior Girder	48.6874	0.95	1	1	47.470022
HS15_str_opr	BOBJ1	273.6874	After	Left Exterior Girder	48.6874	0.95	1	1	31.253365
HS15_str_opr	BOBJ1	273.6874	After	Interior Girder 1	48.6874	0.95	1	1	23.347464
HS15_str_opr	BOBJ1	273.6874	After	Interior Girder 2	48.6874	0.95	1	1	23.347465
HS15_str_opr	BOBJ1	273.6874	After	Right Exterior Girder	48.6874	0.95	1	1	31.253364
HS15_str_opr	BOBJ1	282.15	Before	Left Exterior Girder	57.15	0.95	1	1	31.532988
HS15_str_opr	BOBJ1	282.15	Before	Interior Girder 1	57.15	0.95	1	1	23.581777
HS15_str_opr	BOBJ1	282.15	Before	Interior Girder 2	57.15	0.95	1	1	23.581778
HS15_str_opr	BOBJ1	282.15	Before	Right Exterior Girder	57.15	0.95	1	1	31.532987
HS15_str_opr	BOBJ1	282.15	After	Left Exterior Girder	57.15	0.95	1	1	32.080182
HS15_str_opr	BOBJ1	282.15	After	Interior Girder 1	57.15	0.95	1	1	24.666497
HS15_str_opr	BOBJ1	282.15	After	Interior Girder 2	57.15	0.95	1	1	24.666498
HS15_str_opr	BOBJ1	282.15	After	Right Exterior Girder	57.15	0.95	1	1	32.080181
HS15_str_opr	BOBJ1	293.6	Before	Left Exterior Girder	68.6	0.95	1	1	33.766982
HS15_str_opr	BOBJ1	293.6	Before	Interior Girder 1	68.6	0.95	1	1	26.782397
HS15_str_opr	BOBJ1	293.6	Before	Interior Girder 2	68.6	0.95	1	1	26.782398
HS15_str_opr	BOBJ1	293.6	Before	Right Exterior Girder	68.6	0.95	1	1	33.76698
HS15_str_opr	BOBJ1	293.6	After	Left Exterior Girder	68.6	0.95	1	1	34.631941
HS15_str_opr	BOBJ1	293.6	After	Interior Girder 1	68.6	0.95	1	1	25.475653
HS15_str_opr	BOBJ1	293.6	After	Interior Girder 2	68.6	0.95	1	1	25.475653
HS15_str_opr	BOBJ1	293.6	After	Right Exterior Girder	68.6	0.95	1	1	34.631943
HS15_str_opr	BOBJ1	305	Before	Left Exterior Girder	80	0.95	1	1	36.598746
HS15_str_opr	BOBJ1	305	Before	Interior Girder 1	80	0.95	1	1	27.597335
HS15_str_opr	BOBJ1	305	Before	Interior Girder 2	80	0.95	1	1	27.597335
HS15_str_opr	BOBJ1	305	Before	Right Exterior Girder	80	0.95	1	1	36.598748
HS15_str_opr	BOBJ1	305	After	Left Exterior Girder	80	0.95	1	1	35.897777
HS15_str_opr	BOBJ1	305	After	Interior Girder 1	80	0.95	1	1	27.642456
HS15_str_opr	BOBJ1	305	After	Interior Girder 2	80	0.95	1	1	27.642455
HS15_str_opr	BOBJ1	305	After	Right Exterior Girder	80	0.95	1	1	35.89778
HS15_str_opr	BOBJ1	306.9561	Before	Left Exterior Girder	81.9561	0.95	1	1	35.968638
HS15_str_opr	BOBJ1	306.9561	Before	Interior Girder 1	81.9561	0.95	1	1	27.703213
HS15_str_opr	BOBJ1	306.9561	Before	Interior Girder 2	81.9561	0.95	1	1	27.703213
HS15_str_opr	BOBJ1	306.9561	Before	Right Exterior Girder	81.9561	0.95	1	1	35.968642
HS15_str_opr	BOBJ1	306.9561	After	Left Exterior Girder	81.9561	0.95	1	1	65.636515
HS15_str_opr	BOBJ1	306.9561	After	Interior Girder 1	81.9561	0.95	1	1	51.643991
HS15_str_opr	BOBJ1	306.9561	After	Interior Girder 2	81.9561	0.95	1	1	51.643991
HS15_str_opr	BOBJ1	306.9561	After	Right Exterior Girder	81.9561	0.95	1	1	65.63652
HS15_str_opr	BOBJ1	316.4	Before	Left Exterior Girder	91.4	0.95	1	1	66.108588
HS15_str_opr	BOBJ1	316.4	Before	Interior Girder 1	91.4	0.95	1	1	52.051074
HS15_str_opr	BOBJ1	316.4	Before	Interior Girder 2	91.4	0.95	1	1	52.051074
HS15_str_opr	BOBJ1	316.4	Before	Right Exterior Girder	91.4	0.95	1	1	66.108593
HS15_str_opr	BOBJ1	316.4	After	Left Exterior Girder	91.4	0.95	1	1	68.207529
HS15_str_opr	BOBJ1	316.4	After	Interior Girder 1	91.4	0.95	1	1	48.198171
HS15_str_opr	BOBJ1	316.4	After	Interior Girder 2	91.4	0.95	1	1	48.198171
HS15_str_opr	BOBJ1	316.4	After	Right Exterior Girder	91.4	0.95	1	1	68.207532

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Main Span Girders									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
HS15_str_opr	BOBJ1	327.85	Before	Left Exterior Girder	102.9679	0.95	1	1	72.081256
HS15_str_opr	BOBJ1	327.85	Before	Interior Girder 1	102.9679	0.95	1	1	52.280261
HS15_str_opr	BOBJ1	327.85	Before	Interior Girder 2	102.9679	0.95	1	1	52.280262
HS15_str_opr	BOBJ1	327.85	Before	Right Exterior Girder	102.9679	0.95	1	1	72.081258
HS15_str_opr	BOBJ1	327.85	After	Left Exterior Girder	102.9679	0.95	1	1	112.750349
HS15_str_opr	BOBJ1	327.85	After	Interior Girder 1	102.9679	0.95	1	1	82.302432
HS15_str_opr	BOBJ1	327.85	After	Interior Girder 2	102.9679	0.95	1	1	82.302434
HS15_str_opr	BOBJ1	327.85	After	Right Exterior Girder	102.9679	0.95	1	1	112.750352
HS15_str_opr	BOBJ1	339.3	Before	Left Exterior Girder	114.3	0.95	1	1	119.138923
HS15_str_opr	BOBJ1	339.3	Before	Interior Girder 1	114.3	0.95	1	1	88.99887
HS15_str_opr	BOBJ1	339.3	Before	Interior Girder 2	114.3	0.95	1	1	88.998871
HS15_str_opr	BOBJ1	339.3	Before	Right Exterior Girder	114.3	0.95	1	1	119.138926
HS15_str_opr	BOBJ1	339.3	After	Left Exterior Girder	114.3	0.95	1	1	123.423166
HS15_str_opr	BOBJ1	339.3	After	Interior Girder 1	114.3	0.95	1	1	81.602342
HS15_str_opr	BOBJ1	339.3	After	Interior Girder 2	114.3	0.95	1	1	81.60234
HS15_str_opr	BOBJ1	339.3	After	Right Exterior Girder	114.3	0.95	1	1	123.423163
HS15_str_opr	BOBJ1	350.7	Before	Left Exterior Girder	125.7	0.95	1	1	130.93823
HS15_str_opr	BOBJ1	350.7	Before	Interior Girder 1	125.7	0.95	1	1	88.574344
HS15_str_opr	BOBJ1	350.7	Before	Interior Girder 2	125.7	0.95	1	1	88.574341
HS15_str_opr	BOBJ1	350.7	Before	Right Exterior Girder	125.7	0.95	1	1	130.938226
HS15_str_opr	BOBJ1	350.7	After	Left Exterior Girder	125.7	0.95	1	1	134.446221
HS15_str_opr	BOBJ1	350.7	After	Interior Girder 1	125.7	0.95	1	1	91.063254
HS15_str_opr	BOBJ1	350.7	After	Interior Girder 2	125.7	0.95	1	1	91.063251
HS15_str_opr	BOBJ1	350.7	After	Right Exterior Girder	125.7	0.95	1	1	134.446219
HS15_str_opr	BOBJ1	362.1	Before	Left Exterior Girder	137.1	0.95	1	1	143.396706
HS15_str_opr	BOBJ1	362.1	Before	Interior Girder 1	137.1	0.95	1	1	98.903513
HS15_str_opr	BOBJ1	362.1	Before	Interior Girder 2	137.1	0.95	1	1	98.903512
HS15_str_opr	BOBJ1	362.1	Before	Right Exterior Girder	137.1	0.95	1	1	143.396706
HS15_str_opr	BOBJ1	362.1	After	Left Exterior Girder	137.1	0.95	1	1	149.714018
HS15_str_opr	BOBJ1	362.1	After	Interior Girder 1	137.1	0.95	1	1	89.66538
HS15_str_opr	BOBJ1	362.1	After	Interior Girder 2	137.1	0.95	1	1	89.665381
HS15_str_opr	BOBJ1	362.1	After	Right Exterior Girder	137.1	0.95	1	1	149.714007
HS15_str_opr	BOBJ1	373.55	Before	Left Exterior Girder	148.55	0.95	1	1	160.408714
HS15_str_opr	BOBJ1	373.55	Before	Interior Girder 1	148.55	0.95	1	1	97.681209
HS15_str_opr	BOBJ1	373.55	Before	Interior Girder 2	148.55	0.95	1	1	97.681208
HS15_str_opr	BOBJ1	373.55	Before	Right Exterior Girder	148.55	0.95	1	1	160.408701
HS15_str_opr	BOBJ1	373.55	After	Left Exterior Girder	148.55	0.95	1	1	165.708207
HS15_str_opr	BOBJ1	373.55	After	Interior Girder 1	148.55	0.95	1	1	100.548883
HS15_str_opr	BOBJ1	373.55	After	Interior Girder 2	148.55	0.95	1	1	100.548883
HS15_str_opr	BOBJ1	373.55	After	Right Exterior Girder	148.55	0.95	1	1	165.708192
HS15_str_opr	BOBJ1	385	Before	Left Exterior Girder	160	0.95	1	1	178.902636
HS15_str_opr	BOBJ1	385	Before	Interior Girder 1	160	0.95	1	1	98.554823
HS15_str_opr	BOBJ1	385	Before	Interior Girder 2	160	0.95	1	1	98.554821
HS15_str_opr	BOBJ1	385	Before	Right Exterior Girder	160	0.95	1	1	178.902618
HS15_str_opr	BOBJ1	385	After	Left Exterior Girder	160	0.95	1	1	178.90262
HS15_str_opr	BOBJ1	385	After	Interior Girder 1	160	0.95	1	1	98.554815
HS15_str_opr	BOBJ1	385	After	Interior Girder 2	160	0.95	1	1	98.554819
HS15_str_opr	BOBJ1	385	After	Right Exterior Girder	160	0.95	1	1	178.902638
HS15_str_opr	BOBJ1	396.45	Before	Left Exterior Girder	171.45	0.95	1	1	165.70819
HS15_str_opr	BOBJ1	396.45	Before	Interior Girder 1	171.45	0.95	1	1	100.548887
HS15_str_opr	BOBJ1	396.45	Before	Interior Girder 2	171.45	0.95	1	1	100.548886
HS15_str_opr	BOBJ1	396.45	Before	Right Exterior Girder	171.45	0.95	1	1	165.708205
HS15_str_opr	BOBJ1	396.45	After	Left Exterior Girder	171.45	0.95	1	1	160.408696
HS15_str_opr	BOBJ1	396.45	After	Interior Girder 1	171.45	0.95	1	1	97.681213
HS15_str_opr	BOBJ1	396.45	After	Interior Girder 2	171.45	0.95	1	1	97.681211
HS15_str_opr	BOBJ1	396.45	After	Right Exterior Girder	171.45	0.95	1	1	160.408711
HS15_str_opr	BOBJ1	407.9	Before	Left Exterior Girder	182.9	0.95	1	1	149.714003
HS15_str_opr	BOBJ1	407.9	Before	Interior Girder 1	182.9	0.95	1	1	89.665387
HS15_str_opr	BOBJ1	407.9	Before	Interior Girder 2	182.9	0.95	1	1	89.665383
HS15_str_opr	BOBJ1	407.9	Before	Right Exterior Girder	182.9	0.95	1	1	149.714016
HS15_str_opr	BOBJ1	407.9	After	Left Exterior Girder	182.9	0.95	1	1	143.396695
HS15_str_opr	BOBJ1	407.9	After	Interior Girder 1	182.9	0.95	1	1	98.903521
HS15_str_opr	BOBJ1	407.9	After	Interior Girder 2	182.9	0.95	1	1	98.903517
HS15_str_opr	BOBJ1	407.9	After	Right Exterior Girder	182.9	0.95	1	1	143.396699
HS15_str_opr	BOBJ1	419.3	Before	Left Exterior Girder	194.3	0.95	1	1	134.446209
HS15_str_opr	BOBJ1	419.3	Before	Interior Girder 1	194.3	0.95	1	1	91.063257
HS15_str_opr	BOBJ1	419.3	Before	Interior Girder 2	194.3	0.95	1	1	91.063255
HS15_str_opr	BOBJ1	419.3	Before	Right Exterior Girder	194.3	0.95	1	1	134.446215

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Main Span Girders									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
HS15_str_opr	BOBJ1	419.3	After	Left Exterior Girder	194.3	0.95	1	1	130.938217
HS15_str_opr	BOBJ1	419.3	After	Interior Girder 1	194.3	0.95	1	1	88.574346
HS15_str_opr	BOBJ1	419.3	After	Interior Girder 2	194.3	0.95	1	1	88.574345
HS15_str_opr	BOBJ1	419.3	After	Right Exterior Girder	194.3	0.95	1	1	130.938224
HS15_str_opr	BOBJ1	430.7	Before	Left Exterior Girder	205.7	0.95	1	1	123.423155
HS15_str_opr	BOBJ1	430.7	Before	Interior Girder 1	205.7	0.95	1	1	81.602347
HS15_str_opr	BOBJ1	430.7	Before	Interior Girder 2	205.7	0.95	1	1	81.602343
HS15_str_opr	BOBJ1	430.7	Before	Right Exterior Girder	205.7	0.95	1	1	123.423161
HS15_str_opr	BOBJ1	430.7	After	Left Exterior Girder	205.7	0.95	1	1	119.138923
HS15_str_opr	BOBJ1	430.7	After	Interior Girder 1	205.7	0.95	1	1	88.998872
HS15_str_opr	BOBJ1	430.7	After	Interior Girder 2	205.7	0.95	1	1	88.998868
HS15_str_opr	BOBJ1	430.7	After	Right Exterior Girder	205.7	0.95	1	1	119.138934
HS15_str_opr	BOBJ1	442.15	Before	Left Exterior Girder	217.0321	0.95	1	1	112.75035
HS15_str_opr	BOBJ1	442.15	Before	Interior Girder 1	217.0321	0.95	1	1	82.302432
HS15_str_opr	BOBJ1	442.15	Before	Interior Girder 2	217.0321	0.95	1	1	82.30243
HS15_str_opr	BOBJ1	442.15	Before	Right Exterior Girder	217.0321	0.95	1	1	112.750358
HS15_str_opr	BOBJ1	442.15	After	Left Exterior Girder	217.0321	0.95	1	1	72.081255
HS15_str_opr	BOBJ1	442.15	After	Interior Girder 1	217.0321	0.95	1	1	52.280261
HS15_str_opr	BOBJ1	442.15	After	Interior Girder 2	217.0321	0.95	1	1	52.28026
HS15_str_opr	BOBJ1	442.15	After	Right Exterior Girder	217.0321	0.95	1	1	72.081261
HS15_str_opr	BOBJ1	453.6	Before	Left Exterior Girder	228.6	0.95	1	1	68.207529
HS15_str_opr	BOBJ1	453.6	Before	Interior Girder 1	228.6	0.95	1	1	48.198172
HS15_str_opr	BOBJ1	453.6	Before	Interior Girder 2	228.6	0.95	1	1	48.19817
HS15_str_opr	BOBJ1	453.6	Before	Right Exterior Girder	228.6	0.95	1	1	68.207535
HS15_str_opr	BOBJ1	453.6	After	Left Exterior Girder	228.6	0.95	1	1	66.10859
HS15_str_opr	BOBJ1	453.6	After	Interior Girder 1	228.6	0.95	1	1	52.051074
HS15_str_opr	BOBJ1	453.6	After	Interior Girder 2	228.6	0.95	1	1	52.051073
HS15_str_opr	BOBJ1	453.6	After	Right Exterior Girder	228.6	0.95	1	1	66.108589
HS15_str_opr	BOBJ1	463.0439	Before	Left Exterior Girder	238.0439	0.95	1	1	65.636518
HS15_str_opr	BOBJ1	463.0439	Before	Interior Girder 1	238.0439	0.95	1	1	51.643991
HS15_str_opr	BOBJ1	463.0439	Before	Interior Girder 2	238.0439	0.95	1	1	51.64399
HS15_str_opr	BOBJ1	463.0439	Before	Right Exterior Girder	238.0439	0.95	1	1	65.636516
HS15_str_opr	BOBJ1	463.0439	After	Left Exterior Girder	238.0439	0.95	1	1	35.96864
HS15_str_opr	BOBJ1	463.0439	After	Interior Girder 1	238.0439	0.95	1	1	27.703213
HS15_str_opr	BOBJ1	463.0439	After	Interior Girder 2	238.0439	0.95	1	1	27.703212
HS15_str_opr	BOBJ1	463.0439	After	Right Exterior Girder	238.0439	0.95	1	1	35.968639
HS15_str_opr	BOBJ1	465	Before	Left Exterior Girder	240	0.95	1	1	35.897778
HS15_str_opr	BOBJ1	465	Before	Interior Girder 1	240	0.95	1	1	27.642456
HS15_str_opr	BOBJ1	465	Before	Interior Girder 2	240	0.95	1	1	27.642455
HS15_str_opr	BOBJ1	465	Before	Right Exterior Girder	240	0.95	1	1	35.897777
HS15_str_opr	BOBJ1	465	After	Left Exterior Girder	240	0.95	1	1	36.598746
HS15_str_opr	BOBJ1	465	After	Interior Girder 1	240	0.95	1	1	27.597335
HS15_str_opr	BOBJ1	465	After	Interior Girder 2	240	0.95	1	1	27.597334
HS15_str_opr	BOBJ1	465	After	Right Exterior Girder	240	0.95	1	1	36.598746
HS15_str_opr	BOBJ1	476.4	Before	Left Exterior Girder	251.4	0.95	1	1	34.631941
HS15_str_opr	BOBJ1	476.4	Before	Interior Girder 1	251.4	0.95	1	1	25.475653
HS15_str_opr	BOBJ1	476.4	Before	Interior Girder 2	251.4	0.95	1	1	25.475652
HS15_str_opr	BOBJ1	476.4	Before	Right Exterior Girder	251.4	0.95	1	1	34.631941
HS15_str_opr	BOBJ1	476.4	After	Left Exterior Girder	251.4	0.95	1	1	33.766979
HS15_str_opr	BOBJ1	476.4	After	Interior Girder 1	251.4	0.95	1	1	26.782398
HS15_str_opr	BOBJ1	476.4	After	Interior Girder 2	251.4	0.95	1	1	26.782399
HS15_str_opr	BOBJ1	476.4	After	Right Exterior Girder	251.4	0.95	1	1	33.766979
HS15_str_opr	BOBJ1	487.85	Before	Left Exterior Girder	262.85	0.95	1	1	32.08018
HS15_str_opr	BOBJ1	487.85	Before	Interior Girder 1	262.85	0.95	1	1	24.666497
HS15_str_opr	BOBJ1	487.85	Before	Interior Girder 2	262.85	0.95	1	1	24.666499
HS15_str_opr	BOBJ1	487.85	Before	Right Exterior Girder	262.85	0.95	1	1	32.08018
HS15_str_opr	BOBJ1	487.85	After	Left Exterior Girder	262.85	0.95	1	1	31.532986
HS15_str_opr	BOBJ1	487.85	After	Interior Girder 1	262.85	0.95	1	1	23.581777
HS15_str_opr	BOBJ1	487.85	After	Interior Girder 2	262.85	0.95	1	1	23.581779
HS15_str_opr	BOBJ1	487.85	After	Right Exterior Girder	262.85	0.95	1	1	31.532986
HS15_str_opr	BOBJ1	496.3126	Before	Left Exterior Girder	271.3126	0.95	1	1	31.253363
HS15_str_opr	BOBJ1	496.3126	Before	Interior Girder 1	271.3126	0.95	1	1	23.347464
HS15_str_opr	BOBJ1	496.3126	Before	Interior Girder 2	271.3126	0.95	1	1	23.347466
HS15_str_opr	BOBJ1	496.3126	Before	Right Exterior Girder	271.3126	0.95	1	1	31.253363
HS15_str_opr	BOBJ1	496.3126	After	Left Exterior Girder	271.3126	0.95	1	1	47.47002
HS15_str_opr	BOBJ1	496.3126	After	Interior Girder 1	271.3126	0.95	1	1	33.668153
HS15_str_opr	BOBJ1	496.3126	After	Interior Girder 2	271.3126	0.95	1	1	33.668155
HS15_str_opr	BOBJ1	496.3126	After	Right Exterior Girder	271.3126	0.95	1	1	47.47002

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Main Span Girders									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
HS15_str_opr	BOBJ1	499.3	Before	Left Exterior Girder	274.3	0.95	1	1	47.352953
HS15_str_opr	BOBJ1	499.3	Before	Interior Girder 1	274.3	0.95	1	1	33.577065
HS15_str_opr	BOBJ1	499.3	Before	Interior Girder 2	274.3	0.95	1	1	33.577067
HS15_str_opr	BOBJ1	499.3	Before	Right Exterior Girder	274.3	0.95	1	1	47.352952
HS15_str_opr	BOBJ1	499.3	After	Left Exterior Girder	274.3	0.95	1	1	46.822328
HS15_str_opr	BOBJ1	499.3	After	Interior Girder 1	274.3	0.95	1	1	34.557256
HS15_str_opr	BOBJ1	499.3	After	Interior Girder 2	274.3	0.95	1	1	34.557258
HS15_str_opr	BOBJ1	499.3	After	Right Exterior Girder	274.3	0.95	1	1	46.822326
HS15_str_opr	BOBJ1	503.8969	Before	Left Exterior Girder	278.8969	0.95	1	1	46.643869
HS15_str_opr	BOBJ1	503.8969	Before	Interior Girder 1	278.8969	0.95	1	1	34.41255
HS15_str_opr	BOBJ1	503.8969	Before	Interior Girder 2	278.8969	0.95	1	1	34.412553
HS15_str_opr	BOBJ1	503.8969	Before	Right Exterior Girder	278.8969	0.95	1	1	46.643866
HS15_str_opr	BOBJ1	503.8969	After	Left Exterior Girder	278.8969	0.95	1	1	74.324201
HS15_str_opr	BOBJ1	503.8969	After	Interior Girder 1	278.8969	0.95	1	1	53.251858
HS15_str_opr	BOBJ1	503.8969	After	Interior Girder 2	278.8969	0.95	1	1	53.251861
HS15_str_opr	BOBJ1	503.8969	After	Right Exterior Girder	278.8969	0.95	1	1	74.324197
HS15_str_opr	BOBJ1	510.7	Before	Left Exterior Girder	285.7	0.95	1	1	73.992336
HS15_str_opr	BOBJ1	510.7	Before	Interior Girder 1	285.7	0.95	1	1	52.995466
HS15_str_opr	BOBJ1	510.7	Before	Interior Girder 2	285.7	0.95	1	1	52.995469
HS15_str_opr	BOBJ1	510.7	Before	Right Exterior Girder	285.7	0.95	1	1	73.992332
HS15_str_opr	BOBJ1	510.7	After	Left Exterior Girder	285.7	0.95	1	1	68.663981
HS15_str_opr	BOBJ1	510.7	After	Interior Girder 1	285.7	0.95	1	1	48.2792
HS15_str_opr	BOBJ1	510.7	After	Interior Girder 2	285.7	0.95	1	1	48.279202
HS15_str_opr	BOBJ1	510.7	After	Right Exterior Girder	285.7	0.95	1	1	68.663977
HS15_str_opr	BOBJ1	511.4811	Before	Left Exterior Girder	286.4811	0.95	1	1	68.628471
HS15_str_opr	BOBJ1	511.4811	Before	Interior Girder 1	286.4811	0.95	1	1	48.252448
HS15_str_opr	BOBJ1	511.4811	Before	Interior Girder 2	286.4811	0.95	1	1	48.25245
HS15_str_opr	BOBJ1	511.4811	Before	Right Exterior Girder	286.4811	0.95	1	1	68.628468
HS15_str_opr	BOBJ1	511.4811	After	Left Exterior Girder	286.4811	0.95	1	1	96.509586
HS15_str_opr	BOBJ1	511.4811	After	Interior Girder 1	286.4811	0.95	1	1	66.004794
HS15_str_opr	BOBJ1	511.4811	After	Interior Girder 2	286.4811	0.95	1	1	66.004796
HS15_str_opr	BOBJ1	511.4811	After	Right Exterior Girder	286.4811	0.95	1	1	96.509581
HS15_str_opr	BOBJ1	522.1	Before	Left Exterior Girder	297.1	0.95	1	1	95.90654
HS15_str_opr	BOBJ1	522.1	Before	Interior Girder 1	297.1	0.95	1	1	65.564923
HS15_str_opr	BOBJ1	522.1	Before	Interior Girder 2	297.1	0.95	1	1	65.564926
HS15_str_opr	BOBJ1	522.1	Before	Right Exterior Girder	297.1	0.95	1	1	95.906535
HS15_str_opr	BOBJ1	522.1	After	Left Exterior Girder	297.1	0.95	1	1	92.200248
HS15_str_opr	BOBJ1	522.1	After	Interior Girder 1	297.1	0.95	1	1	60.707692
HS15_str_opr	BOBJ1	522.1	After	Interior Girder 2	297.1	0.95	1	1	60.707692
HS15_str_opr	BOBJ1	522.1	After	Right Exterior Girder	297.1	0.95	1	1	92.200247
HS15_str_opr	BOBJ1	530.4918	Before	Left Exterior Girder	305.4918	0.95	1	1	91.74105
HS15_str_opr	BOBJ1	530.4918	Before	Interior Girder 1	305.4918	0.95	1	1	60.38518
HS15_str_opr	BOBJ1	530.4918	Before	Interior Girder 2	305.4918	0.95	1	1	60.38518
HS15_str_opr	BOBJ1	530.4918	Before	Right Exterior Girder	305.4918	0.95	1	1	91.741048
HS15_str_opr	BOBJ1	530.4918	After	Left Exterior Girder	305.4918	0.95	1	1	111.872108
HS15_str_opr	BOBJ1	530.4918	After	Interior Girder 1	305.4918	0.95	1	1	70.313645
HS15_str_opr	BOBJ1	530.4918	After	Interior Girder 2	305.4918	0.95	1	1	70.313644
HS15_str_opr	BOBJ1	530.4918	After	Right Exterior Girder	305.4918	0.95	1	1	111.872107
HS15_str_opr	BOBJ1	533.55	Before	Left Exterior Girder	308.55	0.95	1	1	111.683545
HS15_str_opr	BOBJ1	533.55	Before	Interior Girder 1	308.55	0.95	1	1	70.188295
HS15_str_opr	BOBJ1	533.55	Before	Interior Girder 2	308.55	0.95	1	1	70.188294
HS15_str_opr	BOBJ1	533.55	Before	Right Exterior Girder	308.55	0.95	1	1	111.683543
HS15_str_opr	BOBJ1	533.55	After	Left Exterior Girder	308.55	0.95	1	1	111.830514
HS15_str_opr	BOBJ1	533.55	After	Interior Girder 1	308.55	0.95	1	1	69.40521
HS15_str_opr	BOBJ1	533.55	After	Interior Girder 2	308.55	0.95	1	1	69.405209
HS15_str_opr	BOBJ1	533.55	After	Right Exterior Girder	308.55	0.95	1	1	111.830513
HS15_str_opr	BOBJ1	545	Before	Left Exterior Girder	320	0.95	1	1	108.948278
HS15_str_opr	BOBJ1	545	Before	Interior Girder 1	320	0.95	1	1	65.060606
HS15_str_opr	BOBJ1	545	Before	Interior Girder 2	320	0.95	1	1	65.060606
HS15_str_opr	BOBJ1	545	Before	Right Exterior Girder	320	0.95	1	1	108.948276
HS15_str_opr	BOBJ1	545	After	Left Exterior Girder	0	0.95	1	1	115.765793
HS15_str_opr	BOBJ1	545	After	Interior Girder 1	0	0.95	1	1	69.148411
HS15_str_opr	BOBJ1	545	After	Interior Girder 2	0	0.95	1	1	69.148411
HS15_str_opr	BOBJ1	545	After	Right Exterior Girder	0	0.95	1	1	115.765792
HS15_str_opr	BOBJ1	556.25	Before	Left Exterior Girder	11.25	0.95	1	1	116.482302
HS15_str_opr	BOBJ1	556.25	Before	Interior Girder 1	11.25	0.95	1	1	69.60158
HS15_str_opr	BOBJ1	556.25	Before	Interior Girder 2	11.25	0.95	1	1	69.60158
HS15_str_opr	BOBJ1	556.25	Before	Right Exterior Girder	11.25	0.95	1	1	116.482301

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Main Span Girders									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
HS15_str_opr	BOBJ1	556.25	After	Left Exterior Girder	11.25	0.95	1	1	116.398939
HS15_str_opr	BOBJ1	556.25	After	Interior Girder 1	11.25	0.95	1	1	71.334351
HS15_str_opr	BOBJ1	556.25	After	Interior Girder 2	11.25	0.95	1	1	71.334351
HS15_str_opr	BOBJ1	556.25	After	Right Exterior Girder	11.25	0.95	1	1	116.398938
HS15_str_opr	BOBJ1	559.4358	Before	Left Exterior Girder	14.4358	0.95	1	1	116.601534
HS15_str_opr	BOBJ1	559.4358	Before	Interior Girder 1	14.4358	0.95	1	1	71.465745
HS15_str_opr	BOBJ1	559.4358	Before	Interior Girder 2	14.4358	0.95	1	1	71.465745
HS15_str_opr	BOBJ1	559.4358	Before	Right Exterior Girder	14.4358	0.95	1	1	116.601533
HS15_str_opr	BOBJ1	559.4358	After	Left Exterior Girder	14.4358	0.95	1	1	96.066728
HS15_str_opr	BOBJ1	559.4358	After	Interior Girder 1	14.4358	0.95	1	1	61.524158
HS15_str_opr	BOBJ1	559.4358	After	Interior Girder 2	14.4358	0.95	1	1	61.524158
HS15_str_opr	BOBJ1	559.4358	After	Right Exterior Girder	14.4358	0.95	1	1	96.066727
HS15_str_opr	BOBJ1	567.5	Before	Left Exterior Girder	22.5	0.95	1	1	96.522804
HS15_str_opr	BOBJ1	567.5	Before	Interior Girder 1	22.5	0.95	1	1	61.835964
HS15_str_opr	BOBJ1	567.5	Before	Interior Girder 2	22.5	0.95	1	1	61.835964
HS15_str_opr	BOBJ1	567.5	Before	Right Exterior Girder	22.5	0.95	1	1	96.522803
HS15_str_opr	BOBJ1	567.5	After	Left Exterior Girder	22.5	0.95	1	1	95.776652
HS15_str_opr	BOBJ1	567.5	After	Interior Girder 1	22.5	0.95	1	1	61.290702
HS15_str_opr	BOBJ1	567.5	After	Interior Girder 2	22.5	0.95	1	1	61.290702
HS15_str_opr	BOBJ1	567.5	After	Right Exterior Girder	22.5	0.95	1	1	95.776652
HS15_str_opr	BOBJ1	570.0586	Before	Left Exterior Girder	25.0586	0.95	1	1	95.920093
HS15_str_opr	BOBJ1	570.0586	Before	Interior Girder 1	25.0586	0.95	1	1	61.388581
HS15_str_opr	BOBJ1	570.0586	Before	Interior Girder 2	25.0586	0.95	1	1	61.388581
HS15_str_opr	BOBJ1	570.0586	Before	Right Exterior Girder	25.0586	0.95	1	1	95.920092
HS15_str_opr	BOBJ1	570.0586	After	Left Exterior Girder	25.0586	0.95	1	1	75.200345
HS15_str_opr	BOBJ1	570.0586	After	Interior Girder 1	25.0586	0.95	1	1	50.724781
HS15_str_opr	BOBJ1	570.0586	After	Interior Girder 2	25.0586	0.95	1	1	50.724781
HS15_str_opr	BOBJ1	570.0586	After	Right Exterior Girder	25.0586	0.95	1	1	75.200344
HS15_str_opr	BOBJ1	578.75	Before	Left Exterior Girder	33.75	0.95	1	1	75.627725
HS15_str_opr	BOBJ1	578.75	Before	Interior Girder 1	33.75	0.95	1	1	51.035971
HS15_str_opr	BOBJ1	578.75	Before	Interior Girder 2	33.75	0.95	1	1	51.035971
HS15_str_opr	BOBJ1	578.75	Before	Right Exterior Girder	33.75	0.95	1	1	75.627724
HS15_str_opr	BOBJ1	578.75	After	Left Exterior Girder	33.75	0.95	1	1	77.693456
HS15_str_opr	BOBJ1	578.75	After	Interior Girder 1	33.75	0.95	1	1	55.175856
HS15_str_opr	BOBJ1	578.75	After	Interior Girder 2	33.75	0.95	1	1	55.175857
HS15_str_opr	BOBJ1	578.75	After	Right Exterior Girder	33.75	0.95	1	1	77.693456
HS15_str_opr	BOBJ1	586.8142	Before	Left Exterior Girder	41.8142	0.95	1	1	78.100057
HS15_str_opr	BOBJ1	586.8142	Before	Interior Girder 1	41.8142	0.95	1	1	55.487485
HS15_str_opr	BOBJ1	586.8142	Before	Interior Girder 2	41.8142	0.95	1	1	55.487485
HS15_str_opr	BOBJ1	586.8142	Before	Right Exterior Girder	41.8142	0.95	1	1	78.100057
HS15_str_opr	BOBJ1	586.8142	After	Left Exterior Girder	41.8142	0.95	1	1	48.912356
HS15_str_opr	BOBJ1	586.8142	After	Interior Girder 1	41.8142	0.95	1	1	35.557286
HS15_str_opr	BOBJ1	586.8142	After	Interior Girder 2	41.8142	0.95	1	1	35.557286
HS15_str_opr	BOBJ1	586.8142	After	Right Exterior Girder	41.8142	0.95	1	1	48.912355
HS15_str_opr	BOBJ1	590	Before	Left Exterior Girder	45	0.95	1	1	49.03874
HS15_str_opr	BOBJ1	590	Before	Interior Girder 1	45	0.95	1	1	35.658218
HS15_str_opr	BOBJ1	590	Before	Interior Girder 2	45	0.95	1	1	35.658218
HS15_str_opr	BOBJ1	590	Before	Right Exterior Girder	45	0.95	1	1	49.038739
HS15_str_opr	BOBJ1	590	After	Left Exterior Girder	45	0.95	1	1	52.404665
HS15_str_opr	BOBJ1	590	After	Interior Girder 1	45	0.95	1	1	38.473584
HS15_str_opr	BOBJ1	590	After	Interior Girder 2	45	0.95	1	1	38.473584
HS15_str_opr	BOBJ1	590	After	Right Exterior Girder	45	0.95	1	1	52.404665
HS15_str_opr	BOBJ1	601.25	Before	Left Exterior Girder	56.25	0.95	1	1	52.879413
HS15_str_opr	BOBJ1	601.25	Before	Interior Girder 1	56.25	0.95	1	1	38.857175
HS15_str_opr	BOBJ1	601.25	Before	Interior Girder 2	56.25	0.95	1	1	38.857175
HS15_str_opr	BOBJ1	601.25	Before	Right Exterior Girder	56.25	0.95	1	1	52.879413
HS15_str_opr	BOBJ1	601.25	After	Left Exterior Girder	56.25	0.95	1	1	50.045675
HS15_str_opr	BOBJ1	601.25	After	Interior Girder 1	56.25	0.95	1	1	40.562081
HS15_str_opr	BOBJ1	601.25	After	Interior Girder 2	56.25	0.95	1	1	40.562081
HS15_str_opr	BOBJ1	601.25	After	Right Exterior Girder	56.25	0.95	1	1	50.045675
HS15_str_opr	BOBJ1	601.7478	Before	Left Exterior Girder	56.7478	0.95	1	1	50.065642
HS15_str_opr	BOBJ1	601.7478	Before	Interior Girder 1	56.7478	0.95	1	1	40.579657
HS15_str_opr	BOBJ1	601.7478	Before	Interior Girder 2	56.7478	0.95	1	1	40.579657
HS15_str_opr	BOBJ1	601.7478	Before	Right Exterior Girder	56.7478	0.95	1	1	50.065642
HS15_str_opr	BOBJ1	601.7478	After	Left Exterior Girder	56.7478	0.95	1	1	35.974714
HS15_str_opr	BOBJ1	601.7478	After	Interior Girder 1	56.7478	0.95	1	1	28.236536
HS15_str_opr	BOBJ1	601.7478	After	Interior Girder 2	56.7478	0.95	1	1	28.236536
HS15_str_opr	BOBJ1	601.7478	After	Right Exterior Girder	56.7478	0.95	1	1	35.974713

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Main Span Girders									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
HS15_str_opr	BOBJ1	612.5	Before	Left Exterior Girder	67.5	0.95	1	1	36.361617
HS15_str_opr	BOBJ1	612.5	Before	Interior Girder 1	67.5	0.95	1	1	28.577611
HS15_str_opr	BOBJ1	612.5	Before	Interior Girder 2	67.5	0.95	1	1	28.577611
HS15_str_opr	BOBJ1	612.5	Before	Right Exterior Girder	67.5	0.95	1	1	36.361616
HS15_str_opr	BOBJ1	612.5	After	Left Exterior Girder	67.5	0.95	1	1	39.2567
HS15_str_opr	BOBJ1	612.5	After	Interior Girder 1	67.5	0.95	1	1	29.337639
HS15_str_opr	BOBJ1	612.5	After	Interior Girder 2	67.5	0.95	1	1	29.337639
HS15_str_opr	BOBJ1	612.5	After	Right Exterior Girder	67.5	0.95	1	1	39.2567
HS15_str_opr	BOBJ1	623.75	Before	Left Exterior Girder	78.75	0.95	1	1	39.690353
HS15_str_opr	BOBJ1	623.75	Before	Interior Girder 1	78.75	0.95	1	1	29.70163
HS15_str_opr	BOBJ1	623.75	Before	Interior Girder 2	78.75	0.95	1	1	29.701629
HS15_str_opr	BOBJ1	623.75	Before	Right Exterior Girder	78.75	0.95	1	1	39.690353
HS15_str_opr	BOBJ1	623.75	After	Left Exterior Girder	78.75	0.95	1	1	42.752139
HS15_str_opr	BOBJ1	623.75	After	Interior Girder 1	78.75	0.95	1	1	33.457119
HS15_str_opr	BOBJ1	623.75	After	Interior Girder 2	78.75	0.95	1	1	33.457117
HS15_str_opr	BOBJ1	623.75	After	Right Exterior Girder	78.75	0.95	1	1	42.75214
HS15_str_opr	BOBJ1	635	Before	Left Exterior Girder	90	0.95	1	1	43.216485
HS15_str_opr	BOBJ1	635	Before	Interior Girder 1	90	0.95	1	1	33.865182
HS15_str_opr	BOBJ1	635	Before	Interior Girder 2	90	0.95	1	1	33.865181
HS15_str_opr	BOBJ1	635	Before	Right Exterior Girder	90	0.95	1	1	43.216486
HS15_str_opr	BOBJ1	635	After	Left Exterior Girder	90	0.95	1	1	46.838233
HS15_str_opr	BOBJ1	635	After	Interior Girder 1	90	0.95	1	1	32.564613
HS15_str_opr	BOBJ1	635	After	Interior Girder 2	90	0.95	1	1	32.564611
HS15_str_opr	BOBJ1	635	After	Right Exterior Girder	90	0.95	1	1	46.838235
HS15_str_opr	BOBJ1	643.5619	Before	Left Exterior Girder	98.5619	0.95	1	1	47.218534
HS15_str_opr	BOBJ1	643.5619	Before	Interior Girder 1	98.5619	0.95	1	1	32.861614
HS15_str_opr	BOBJ1	643.5619	Before	Interior Girder 2	98.5619	0.95	1	1	32.861612
HS15_str_opr	BOBJ1	643.5619	Before	Right Exterior Girder	98.5619	0.95	1	1	47.218536
HS15_str_opr	BOBJ1	643.5619	After	Left Exterior Girder	98.5619	0.95	1	1	78.823835
HS15_str_opr	BOBJ1	643.5619	After	Interior Girder 1	98.5619	0.95	1	1	54.82468
HS15_str_opr	BOBJ1	643.5619	After	Interior Girder 2	98.5619	0.95	1	1	54.824677
HS15_str_opr	BOBJ1	643.5619	After	Right Exterior Girder	98.5619	0.95	1	1	78.823839
HS15_str_opr	BOBJ1	646.25	Before	Left Exterior Girder	101.25	0.95	1	1	78.974063
HS15_str_opr	BOBJ1	646.25	Before	Interior Girder 1	101.25	0.95	1	1	54.939406
HS15_str_opr	BOBJ1	646.25	Before	Interior Girder 2	101.25	0.95	1	1	54.939404
HS15_str_opr	BOBJ1	646.25	Before	Right Exterior Girder	101.25	0.95	1	1	78.974066
HS15_str_opr	BOBJ1	646.25	After	Left Exterior Girder	101.25	0.95	1	1	87.558888
HS15_str_opr	BOBJ1	646.25	After	Interior Girder 1	101.25	0.95	1	1	63.269125
HS15_str_opr	BOBJ1	646.25	After	Interior Girder 2	101.25	0.95	1	1	63.269122
HS15_str_opr	BOBJ1	646.25	After	Right Exterior Girder	101.25	0.95	1	1	87.558891
HS15_str_opr	BOBJ1	657.5	Before	Left Exterior Girder	112.5	0.95	1	1	88.254042
HS15_str_opr	BOBJ1	657.5	Before	Interior Girder 1	112.5	0.95	1	1	63.821498
HS15_str_opr	BOBJ1	657.5	Before	Interior Girder 2	112.5	0.95	1	1	63.821495
HS15_str_opr	BOBJ1	657.5	Before	Right Exterior Girder	112.5	0.95	1	1	88.254045
HS15_str_opr	BOBJ1	657.5	After	Left Exterior Girder	112.5	0.95	1	1	100.269093
HS15_str_opr	BOBJ1	657.5	After	Interior Girder 1	112.5	0.95	1	1	62.867744
HS15_str_opr	BOBJ1	657.5	After	Interior Girder 2	112.5	0.95	1	1	62.867753
HS15_str_opr	BOBJ1	657.5	After	Right Exterior Girder	112.5	0.95	1	1	100.269085
HS15_str_opr	BOBJ1	668.75	Before	Left Exterior Girder	123.75	0.95	1	1	101.055136
HS15_str_opr	BOBJ1	668.75	Before	Interior Girder 1	123.75	0.95	1	1	63.409953
HS15_str_opr	BOBJ1	668.75	Before	Interior Girder 2	123.75	0.95	1	1	63.409962
HS15_str_opr	BOBJ1	668.75	Before	Right Exterior Girder	123.75	0.95	1	1	101.055128
HS15_str_opr	BOBJ1	668.75	After	Left Exterior Girder	123.75	0.95	1	1	114.6014
HS15_str_opr	BOBJ1	668.75	After	Interior Girder 1	123.75	0.95	1	1	72.423077
HS15_str_opr	BOBJ1	668.75	After	Interior Girder 2	123.75	0.95	1	1	72.423088
HS15_str_opr	BOBJ1	668.75	After	Right Exterior Girder	123.75	0.95	1	1	114.601386
HS15_str_opr	BOBJ1	680	Before	Left Exterior Girder	135	0.95	1	1	115.489772
HS15_str_opr	BOBJ1	680	Before	Interior Girder 1	135	0.95	1	1	73.04068
HS15_str_opr	BOBJ1	680	Before	Interior Girder 2	135	0.95	1	1	73.040691
HS15_str_opr	BOBJ1	680	Before	Right Exterior Girder	135	0.95	1	1	115.489757
HS15_str_opr	BOBJ1	680	After	Left Exterior Girder	135	0.95	1	1	131.119957
HS15_str_opr	BOBJ1	680	After	Interior Girder 1	135	0.95	1	1	71.749684
HS15_str_opr	BOBJ1	680	After	Interior Girder 2	135	0.95	1	1	71.74968
HS15_str_opr	BOBJ1	680	After	Right Exterior Girder	135	0.95	1	1	131.119966
HS15_str_opr	BOBJ1	691.25	Before	Left Exterior Girder	146.25	0.95	1	1	130.146943
HS15_str_opr	BOBJ1	691.25	Before	Interior Girder 1	146.25	0.95	1	1	72.35432
HS15_str_opr	BOBJ1	691.25	Before	Interior Girder 2	146.25	0.95	1	1	72.354317
HS15_str_opr	BOBJ1	691.25	Before	Right Exterior Girder	146.25	0.95	1	1	130.146952

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Main Span Girders									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
HS15_str_opr	BOBJ1	691.25	After	Left Exterior Girder	146.25	0.95	1	1	113.817493
HS15_str_opr	BOBJ1	691.25	After	Interior Girder 1	146.25	0.95	1	1	70.007531
HS15_str_opr	BOBJ1	691.25	After	Interior Girder 2	146.25	0.95	1	1	70.007535
HS15_str_opr	BOBJ1	691.25	After	Right Exterior Girder	146.25	0.95	1	1	113.817492
HS15_str_opr	BOBJ1	702.5	Before	Left Exterior Girder	157.5	0.95	1	1	112.963746
HS15_str_opr	BOBJ1	702.5	Before	Interior Girder 1	157.5	0.95	1	1	69.429688
HS15_str_opr	BOBJ1	702.5	Before	Interior Girder 2	157.5	0.95	1	1	69.429692
HS15_str_opr	BOBJ1	702.5	Before	Right Exterior Girder	157.5	0.95	1	1	112.963746
HS15_str_opr	BOBJ1	702.5	After	Left Exterior Girder	157.5	0.95	1	1	97.793594
HS15_str_opr	BOBJ1	702.5	After	Interior Girder 1	157.5	0.95	1	1	70.544573
HS15_str_opr	BOBJ1	702.5	After	Interior Girder 2	157.5	0.95	1	1	70.544576
HS15_str_opr	BOBJ1	702.5	After	Right Exterior Girder	157.5	0.95	1	1	97.793585
HS15_str_opr	BOBJ1	713.75	Before	Left Exterior Girder	168.75	0.95	1	1	97.051053
HS15_str_opr	BOBJ1	713.75	Before	Interior Girder 1	168.75	0.95	1	1	69.955494
HS15_str_opr	BOBJ1	713.75	Before	Interior Girder 2	168.75	0.95	1	1	69.955497
HS15_str_opr	BOBJ1	713.75	Before	Right Exterior Girder	168.75	0.95	1	1	97.051044
HS15_str_opr	BOBJ1	713.75	After	Left Exterior Girder	168.75	0.95	1	1	86.980419
HS15_str_opr	BOBJ1	713.75	After	Interior Girder 1	168.75	0.95	1	1	61.183953
HS15_str_opr	BOBJ1	713.75	After	Interior Girder 2	168.75	0.95	1	1	61.183953
HS15_str_opr	BOBJ1	713.75	After	Right Exterior Girder	168.75	0.95	1	1	86.980417
HS15_str_opr	BOBJ1	725	Before	Left Exterior Girder	180	0.95	1	1	86.312673
HS15_str_opr	BOBJ1	725	Before	Interior Girder 1	180	0.95	1	1	60.667363
HS15_str_opr	BOBJ1	725	Before	Interior Girder 2	180	0.95	1	1	60.667363
HS15_str_opr	BOBJ1	725	Before	Right Exterior Girder	180	0.95	1	1	86.312671
HS15_str_opr	BOBJ1	725	After	Left Exterior Girder	180	0.95	1	1	76.329058
HS15_str_opr	BOBJ1	725	After	Interior Girder 1	180	0.95	1	1	59.468083
HS15_str_opr	BOBJ1	725	After	Interior Girder 2	180	0.95	1	1	59.46808
HS15_str_opr	BOBJ1	725	After	Right Exterior Girder	180	0.95	1	1	76.329067
HS15_str_opr	BOBJ1	731.1726	Before	Left Exterior Girder	186.1726	0.95	1	1	76.003757
HS15_str_opr	BOBJ1	731.1726	Before	Interior Girder 1	186.1726	0.95	1	1	59.189527
HS15_str_opr	BOBJ1	731.1726	Before	Interior Girder 2	186.1726	0.95	1	1	59.189524
HS15_str_opr	BOBJ1	731.1726	Before	Right Exterior Girder	186.1726	0.95	1	1	76.003766
HS15_str_opr	BOBJ1	731.1726	After	Left Exterior Girder	186.1726	0.95	1	1	44.19628
HS15_str_opr	BOBJ1	731.1726	After	Interior Girder 1	186.1726	0.95	1	1	33.693099
HS15_str_opr	BOBJ1	731.1726	After	Interior Girder 2	186.1726	0.95	1	1	33.693097
HS15_str_opr	BOBJ1	731.1726	After	Right Exterior Girder	186.1726	0.95	1	1	44.196284
HS15_str_opr	BOBJ1	736.25	Before	Left Exterior Girder	191.25	0.95	1	1	43.992513
HS15_str_opr	BOBJ1	736.25	Before	Interior Girder 1	191.25	0.95	1	1	33.518775
HS15_str_opr	BOBJ1	736.25	Before	Interior Girder 2	191.25	0.95	1	1	33.518773
HS15_str_opr	BOBJ1	736.25	Before	Right Exterior Girder	191.25	0.95	1	1	43.992517
HS15_str_opr	BOBJ1	736.25	After	Left Exterior Girder	191.25	0.95	1	1	42.596034
HS15_str_opr	BOBJ1	736.25	After	Interior Girder 1	191.25	0.95	1	1	31.633003
HS15_str_opr	BOBJ1	736.25	After	Interior Girder 2	191.25	0.95	1	1	31.633002
HS15_str_opr	BOBJ1	736.25	After	Right Exterior Girder	191.25	0.95	1	1	42.596036
HS15_str_opr	BOBJ1	747.5	Before	Left Exterior Girder	202.5	0.95	1	1	42.157283
HS15_str_opr	BOBJ1	747.5	Before	Interior Girder 1	202.5	0.95	1	1	31.267183
HS15_str_opr	BOBJ1	747.5	Before	Interior Girder 2	202.5	0.95	1	1	31.267183
HS15_str_opr	BOBJ1	747.5	Before	Right Exterior Girder	202.5	0.95	1	1	42.157285
HS15_str_opr	BOBJ1	747.5	After	Left Exterior Girder	202.5	0.95	1	1	38.066482
HS15_str_opr	BOBJ1	747.5	After	Interior Girder 1	202.5	0.95	1	1	28.701101
HS15_str_opr	BOBJ1	747.5	After	Interior Girder 2	202.5	0.95	1	1	28.7011
HS15_str_opr	BOBJ1	747.5	After	Right Exterior Girder	202.5	0.95	1	1	38.066481
HS15_str_opr	BOBJ1	758.75	Before	Left Exterior Girder	213.75	0.95	1	1	37.667062
HS15_str_opr	BOBJ1	758.75	Before	Interior Girder 1	213.75	0.95	1	1	28.363438
HS15_str_opr	BOBJ1	758.75	Before	Interior Girder 2	213.75	0.95	1	1	28.363437
HS15_str_opr	BOBJ1	758.75	Before	Right Exterior Girder	213.75	0.95	1	1	37.667061
HS15_str_opr	BOBJ1	758.75	After	Left Exterior Girder	213.75	0.95	1	1	34.881147
HS15_str_opr	BOBJ1	758.75	After	Interior Girder 1	213.75	0.95	1	1	23.449697
HS15_str_opr	BOBJ1	758.75	After	Interior Girder 2	213.75	0.95	1	1	23.449695
HS15_str_opr	BOBJ1	758.75	After	Right Exterior Girder	213.75	0.95	1	1	34.881148
HS15_str_opr	BOBJ1	770	Before	Left Exterior Girder	225	0.95	1	1	34.509134
HS15_str_opr	BOBJ1	770	Before	Interior Girder 1	225	0.95	1	1	23.169222
HS15_str_opr	BOBJ1	770	Before	Interior Girder 2	225	0.95	1	1	23.169219
HS15_str_opr	BOBJ1	770	Before	Right Exterior Girder	225	0.95	1	1	34.509135
HS15_str_inv	BOBJ1	0	After	Left Exterior Girder	0	0.95	1	1	26.621334
HS15_str_inv	BOBJ1	0	After	Interior Girder 1	0	0.95	1	1	17.873399
HS15_str_inv	BOBJ1	0	After	Interior Girder 2	0	0.95	1	1	17.8734
HS15_str_inv	BOBJ1	0	After	Right Exterior Girder	0	0.95	1	1	26.621333

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Main Span Girders									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
HS15_str_inv	BOBJ1	11.25	Before	Left Exterior Girder	11.25	0.95	1	1	26.908316
HS15_str_inv	BOBJ1	11.25	Before	Interior Girder 1	11.25	0.95	1	1	18.089766
HS15_str_inv	BOBJ1	11.25	Before	Interior Girder 2	11.25	0.95	1	1	18.089767
HS15_str_inv	BOBJ1	11.25	Before	Right Exterior Girder	11.25	0.95	1	1	26.908314
HS15_str_inv	BOBJ1	11.25	After	Left Exterior Girder	11.25	0.95	1	1	29.057449
HS15_str_inv	BOBJ1	11.25	After	Interior Girder 1	11.25	0.95	1	1	21.880366
HS15_str_inv	BOBJ1	11.25	After	Interior Girder 2	11.25	0.95	1	1	21.880368
HS15_str_inv	BOBJ1	11.25	After	Right Exterior Girder	11.25	0.95	1	1	29.057447
HS15_str_inv	BOBJ1	22.5	Before	Left Exterior Girder	22.5	0.95	1	1	29.365574
HS15_str_inv	BOBJ1	22.5	Before	Interior Girder 1	22.5	0.95	1	1	22.140849
HS15_str_inv	BOBJ1	22.5	Before	Interior Girder 2	22.5	0.95	1	1	22.140851
HS15_str_inv	BOBJ1	22.5	Before	Right Exterior Girder	22.5	0.95	1	1	29.365572
HS15_str_inv	BOBJ1	22.5	After	Left Exterior Girder	22.5	0.95	1	1	32.521337
HS15_str_inv	BOBJ1	22.5	After	Interior Girder 1	22.5	0.95	1	1	24.120398
HS15_str_inv	BOBJ1	22.5	After	Interior Girder 2	22.5	0.95	1	1	24.120397
HS15_str_inv	BOBJ1	22.5	After	Right Exterior Girder	22.5	0.95	1	1	32.521336
HS15_str_inv	BOBJ1	33.75	Before	Left Exterior Girder	33.75	0.95	1	1	32.859802
HS15_str_inv	BOBJ1	33.75	Before	Interior Girder 1	33.75	0.95	1	1	24.402601
HS15_str_inv	BOBJ1	33.75	Before	Interior Girder 2	33.75	0.95	1	1	24.4026
HS15_str_inv	BOBJ1	33.75	Before	Right Exterior Girder	33.75	0.95	1	1	32.859801
HS15_str_inv	BOBJ1	33.75	After	Left Exterior Girder	33.75	0.95	1	1	33.937087
HS15_str_inv	BOBJ1	33.75	After	Interior Girder 1	33.75	0.95	1	1	25.857339
HS15_str_inv	BOBJ1	33.75	After	Interior Girder 2	33.75	0.95	1	1	25.857337
HS15_str_inv	BOBJ1	33.75	After	Right Exterior Girder	33.75	0.95	1	1	33.937088
HS15_str_inv	BOBJ1	38.8274	Before	Left Exterior Girder	38.8274	0.95	1	1	34.094278
HS15_str_inv	BOBJ1	38.8274	Before	Interior Girder 1	38.8274	0.95	1	1	25.991818
HS15_str_inv	BOBJ1	38.8274	Before	Interior Girder 2	38.8274	0.95	1	1	25.991816
HS15_str_inv	BOBJ1	38.8274	Before	Right Exterior Girder	38.8274	0.95	1	1	34.094279
HS15_str_inv	BOBJ1	38.8274	After	Left Exterior Girder	38.8274	0.95	1	1	58.63148
HS15_str_inv	BOBJ1	38.8274	After	Interior Girder 1	38.8274	0.95	1	1	45.660488
HS15_str_inv	BOBJ1	38.8274	After	Interior Girder 2	38.8274	0.95	1	1	45.660485
HS15_str_inv	BOBJ1	38.8274	After	Right Exterior Girder	38.8274	0.95	1	1	58.631482
HS15_str_inv	BOBJ1	45	Before	Left Exterior Girder	45	0.95	1	1	58.882427
HS15_str_inv	BOBJ1	45	Before	Interior Girder 1	45	0.95	1	1	45.875374
HS15_str_inv	BOBJ1	45	Before	Interior Girder 2	45	0.95	1	1	45.875371
HS15_str_inv	BOBJ1	45	Before	Right Exterior Girder	45	0.95	1	1	58.882429
HS15_str_inv	BOBJ1	45	After	Left Exterior Girder	45	0.95	1	1	66.58407
HS15_str_inv	BOBJ1	45	After	Interior Girder 1	45	0.95	1	1	46.800535
HS15_str_inv	BOBJ1	45	After	Interior Girder 2	45	0.95	1	1	46.80053
HS15_str_inv	BOBJ1	45	After	Right Exterior Girder	45	0.95	1	1	66.584073
HS15_str_inv	BOBJ1	56.25	Before	Left Exterior Girder	56.25	0.95	1	1	67.099189
HS15_str_inv	BOBJ1	56.25	Before	Interior Girder 1	56.25	0.95	1	1	47.199047
HS15_str_inv	BOBJ1	56.25	Before	Interior Girder 2	56.25	0.95	1	1	47.199043
HS15_str_inv	BOBJ1	56.25	Before	Right Exterior Girder	56.25	0.95	1	1	67.099191
HS15_str_inv	BOBJ1	56.25	After	Left Exterior Girder	56.25	0.95	1	1	74.867963
HS15_str_inv	BOBJ1	56.25	After	Interior Girder 1	56.25	0.95	1	1	53.965665
HS15_str_inv	BOBJ1	56.25	After	Interior Girder 2	56.25	0.95	1	1	53.965659
HS15_str_inv	BOBJ1	56.25	After	Right Exterior Girder	56.25	0.95	1	1	74.867965
HS15_str_inv	BOBJ1	67.5	Before	Left Exterior Girder	67.5	0.95	1	1	75.440781
HS15_str_inv	BOBJ1	67.5	Before	Interior Girder 1	67.5	0.95	1	1	54.420097
HS15_str_inv	BOBJ1	67.5	Before	Interior Girder 2	67.5	0.95	1	1	54.420091
HS15_str_inv	BOBJ1	67.5	Before	Right Exterior Girder	67.5	0.95	1	1	75.440783
HS15_str_inv	BOBJ1	67.5	After	Left Exterior Girder	67.5	0.95	1	1	87.143484
HS15_str_inv	BOBJ1	67.5	After	Interior Girder 1	67.5	0.95	1	1	53.560041
HS15_str_inv	BOBJ1	67.5	After	Interior Girder 2	67.5	0.95	1	1	53.560044
HS15_str_inv	BOBJ1	67.5	After	Right Exterior Girder	67.5	0.95	1	1	87.143465
HS15_str_inv	BOBJ1	78.75	Before	Left Exterior Girder	78.75	0.95	1	1	87.802089
HS15_str_inv	BOBJ1	78.75	Before	Interior Girder 1	78.75	0.95	1	1	54.005805
HS15_str_inv	BOBJ1	78.75	Before	Interior Girder 2	78.75	0.95	1	1	54.005809
HS15_str_inv	BOBJ1	78.75	Before	Right Exterior Girder	78.75	0.95	1	1	87.802069
HS15_str_inv	BOBJ1	78.75	After	Left Exterior Girder	78.75	0.95	1	1	100.399103
HS15_str_inv	BOBJ1	78.75	After	Interior Girder 1	78.75	0.95	1	1	55.816194
HS15_str_inv	BOBJ1	78.75	After	Interior Girder 2	78.75	0.95	1	1	55.816188
HS15_str_inv	BOBJ1	78.75	After	Right Exterior Girder	78.75	0.95	1	1	100.399076
HS15_str_inv	BOBJ1	90	Before	Left Exterior Girder	90	0.95	1	1	101.149715
HS15_str_inv	BOBJ1	90	Before	Interior Girder 1	90	0.95	1	1	55.34976
HS15_str_inv	BOBJ1	90	Before	Interior Girder 2	90	0.95	1	1	55.349755
HS15_str_inv	BOBJ1	90	Before	Right Exterior Girder	90	0.95	1	1	101.149687

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Main Span Girders									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
HS15_str_inv	BOBJ1	90	After	Left Exterior Girder	90	0.95	1	1	89.092098
HS15_str_inv	BOBJ1	90	After	Interior Girder 1	90	0.95	1	1	56.345672
HS15_str_inv	BOBJ1	90	After	Interior Girder 2	90	0.95	1	1	56.34566
HS15_str_inv	BOBJ1	90	After	Right Exterior Girder	90	0.95	1	1	89.092107
HS15_str_inv	BOBJ1	101.25	Before	Left Exterior Girder	101.25	0.95	1	1	88.406783
HS15_str_inv	BOBJ1	101.25	Before	Interior Girder 1	101.25	0.95	1	1	55.869235
HS15_str_inv	BOBJ1	101.25	Before	Interior Girder 2	101.25	0.95	1	1	55.869223
HS15_str_inv	BOBJ1	101.25	Before	Right Exterior Girder	101.25	0.95	1	1	88.406792
HS15_str_inv	BOBJ1	101.25	After	Left Exterior Girder	101.25	0.95	1	1	77.956814
HS15_str_inv	BOBJ1	101.25	After	Interior Girder 1	101.25	0.95	1	1	48.916252
HS15_str_inv	BOBJ1	101.25	After	Interior Girder 2	101.25	0.95	1	1	48.916244
HS15_str_inv	BOBJ1	101.25	After	Right Exterior Girder	101.25	0.95	1	1	77.956817
HS15_str_inv	BOBJ1	112.5	Before	Left Exterior Girder	112.5	0.95	1	1	77.350437
HS15_str_inv	BOBJ1	112.5	Before	Interior Girder 1	112.5	0.95	1	1	48.497977
HS15_str_inv	BOBJ1	112.5	Before	Interior Girder 2	112.5	0.95	1	1	48.497969
HS15_str_inv	BOBJ1	112.5	Before	Right Exterior Girder	112.5	0.95	1	1	77.350441
HS15_str_inv	BOBJ1	112.5	After	Left Exterior Girder	112.5	0.95	1	1	68.081691
HS15_str_inv	BOBJ1	112.5	After	Interior Girder 1	112.5	0.95	1	1	49.233722
HS15_str_inv	BOBJ1	112.5	After	Interior Girder 2	112.5	0.95	1	1	49.233724
HS15_str_inv	BOBJ1	112.5	After	Right Exterior Girder	112.5	0.95	1	1	68.081687
HS15_str_inv	BOBJ1	123.75	Before	Left Exterior Girder	123.75	0.95	1	1	67.545429
HS15_str_inv	BOBJ1	123.75	Before	Interior Girder 1	123.75	0.95	1	1	48.807606
HS15_str_inv	BOBJ1	123.75	Before	Interior Girder 2	123.75	0.95	1	1	48.807608
HS15_str_inv	BOBJ1	123.75	Before	Right Exterior Girder	123.75	0.95	1	1	67.545425
HS15_str_inv	BOBJ1	123.75	After	Left Exterior Girder	123.75	0.95	1	1	60.92281
HS15_str_inv	BOBJ1	123.75	After	Interior Girder 1	123.75	0.95	1	1	42.381825
HS15_str_inv	BOBJ1	123.75	After	Interior Girder 2	123.75	0.95	1	1	42.381827
HS15_str_inv	BOBJ1	123.75	After	Right Exterior Girder	123.75	0.95	1	1	60.922806
HS15_str_inv	BOBJ1	126.4381	Before	Left Exterior Girder	126.4381	0.95	1	1	60.80692
HS15_str_inv	BOBJ1	126.4381	Before	Interior Girder 1	126.4381	0.95	1	1	42.293321
HS15_str_inv	BOBJ1	126.4381	Before	Interior Girder 2	126.4381	0.95	1	1	42.293324
HS15_str_inv	BOBJ1	126.4381	Before	Right Exterior Girder	126.4381	0.95	1	1	60.806916
HS15_str_inv	BOBJ1	126.4381	After	Left Exterior Girder	126.4381	0.95	1	1	36.425796
HS15_str_inv	BOBJ1	126.4381	After	Interior Girder 1	126.4381	0.95	1	1	25.350386
HS15_str_inv	BOBJ1	126.4381	After	Interior Girder 2	126.4381	0.95	1	1	25.350388
HS15_str_inv	BOBJ1	126.4381	After	Right Exterior Girder	126.4381	0.95	1	1	36.425793
HS15_str_inv	BOBJ1	135	Before	Left Exterior Girder	135	0.95	1	1	36.13242
HS15_str_inv	BOBJ1	135	Before	Interior Girder 1	135	0.95	1	1	25.121271
HS15_str_inv	BOBJ1	135	Before	Interior Girder 2	135	0.95	1	1	25.121273
HS15_str_inv	BOBJ1	135	Before	Right Exterior Girder	135	0.95	1	1	36.132417
HS15_str_inv	BOBJ1	135	After	Left Exterior Girder	135	0.95	1	1	33.338429
HS15_str_inv	BOBJ1	135	After	Interior Girder 1	135	0.95	1	1	26.124567
HS15_str_inv	BOBJ1	135	After	Interior Girder 2	135	0.95	1	1	26.124569
HS15_str_inv	BOBJ1	135	After	Right Exterior Girder	135	0.95	1	1	33.338427
HS15_str_inv	BOBJ1	146.25	Before	Left Exterior Girder	146.25	0.95	1	1	32.980219
HS15_str_inv	BOBJ1	146.25	Before	Interior Girder 1	146.25	0.95	1	1	25.809775
HS15_str_inv	BOBJ1	146.25	Before	Interior Girder 2	146.25	0.95	1	1	25.809777
HS15_str_inv	BOBJ1	146.25	Before	Right Exterior Girder	146.25	0.95	1	1	32.980217
HS15_str_inv	BOBJ1	146.25	After	Left Exterior Girder	146.25	0.95	1	1	30.61827
HS15_str_inv	BOBJ1	146.25	After	Interior Girder 1	146.25	0.95	1	1	22.912684
HS15_str_inv	BOBJ1	146.25	After	Interior Girder 2	146.25	0.95	1	1	22.912686
HS15_str_inv	BOBJ1	146.25	After	Right Exterior Girder	146.25	0.95	1	1	30.618269
HS15_str_inv	BOBJ1	157.5	Before	Left Exterior Girder	157.5	0.95	1	1	30.283738
HS15_str_inv	BOBJ1	157.5	Before	Interior Girder 1	157.5	0.95	1	1	22.631892
HS15_str_inv	BOBJ1	157.5	Before	Interior Girder 2	157.5	0.95	1	1	22.631893
HS15_str_inv	BOBJ1	157.5	Before	Right Exterior Girder	157.5	0.95	1	1	30.283737
HS15_str_inv	BOBJ1	157.5	After	Left Exterior Girder	157.5	0.95	1	1	28.05039
HS15_str_inv	BOBJ1	157.5	After	Interior Girder 1	157.5	0.95	1	1	22.045587
HS15_str_inv	BOBJ1	157.5	After	Interior Girder 2	157.5	0.95	1	1	22.045586
HS15_str_inv	BOBJ1	157.5	After	Right Exterior Girder	157.5	0.95	1	1	28.05039
HS15_str_inv	BOBJ1	168.2522	Before	Left Exterior Girder	168.2522	0.95	1	1	27.751922
HS15_str_inv	BOBJ1	168.2522	Before	Interior Girder 1	168.2522	0.95	1	1	21.782471
HS15_str_inv	BOBJ1	168.2522	Before	Interior Girder 2	168.2522	0.95	1	1	21.78247
HS15_str_inv	BOBJ1	168.2522	Before	Right Exterior Girder	168.2522	0.95	1	1	27.751922
HS15_str_inv	BOBJ1	168.2522	After	Left Exterior Girder	168.2522	0.95	1	1	37.538851
HS15_str_inv	BOBJ1	168.2522	After	Interior Girder 1	168.2522	0.95	1	1	29.240943
HS15_str_inv	BOBJ1	168.2522	After	Interior Girder 2	168.2522	0.95	1	1	29.240941
HS15_str_inv	BOBJ1	168.2522	After	Right Exterior Girder	168.2522	0.95	1	1	37.53885

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Main Span Girders									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
HS15_str_inv	BOBJ1	168.75	Before	Left Exterior Girder	168.75	0.95	1	1	37.52388
HS15_str_inv	BOBJ1	168.75	Before	Interior Girder 1	168.75	0.95	1	1	29.228278
HS15_str_inv	BOBJ1	168.75	Before	Interior Girder 2	168.75	0.95	1	1	29.228277
HS15_str_inv	BOBJ1	168.75	Before	Right Exterior Girder	168.75	0.95	1	1	37.523879
HS15_str_inv	BOBJ1	168.75	After	Left Exterior Girder	168.75	0.95	1	1	40.892978
HS15_str_inv	BOBJ1	168.75	After	Interior Girder 1	168.75	0.95	1	1	30.146001
HS15_str_inv	BOBJ1	168.75	After	Interior Girder 2	168.75	0.95	1	1	30.145999
HS15_str_inv	BOBJ1	168.75	After	Right Exterior Girder	168.75	0.95	1	1	40.892978
HS15_str_inv	BOBJ1	180	Before	Left Exterior Girder	180	0.95	1	1	40.525844
HS15_str_inv	BOBJ1	180	Before	Interior Girder 1	180	0.95	1	1	29.848405
HS15_str_inv	BOBJ1	180	Before	Interior Girder 2	180	0.95	1	1	29.848403
HS15_str_inv	BOBJ1	180	Before	Right Exterior Girder	180	0.95	1	1	40.525843
HS15_str_inv	BOBJ1	180	After	Left Exterior Girder	180	0.95	1	1	37.827843
HS15_str_inv	BOBJ1	180	After	Interior Girder 1	180	0.95	1	1	27.492787
HS15_str_inv	BOBJ1	180	After	Interior Girder 2	180	0.95	1	1	27.492785
HS15_str_inv	BOBJ1	180	After	Right Exterior Girder	180	0.95	1	1	37.827845
HS15_str_inv	BOBJ1	183.1858	Before	Left Exterior Girder	183.1858	0.95	1	1	37.730352
HS15_str_inv	BOBJ1	183.1858	Before	Interior Girder 1	183.1858	0.95	1	1	27.414968
HS15_str_inv	BOBJ1	183.1858	Before	Interior Girder 2	183.1858	0.95	1	1	27.414966
HS15_str_inv	BOBJ1	183.1858	Before	Right Exterior Girder	183.1858	0.95	1	1	37.730354
HS15_str_inv	BOBJ1	183.1858	After	Left Exterior Girder	183.1858	0.95	1	1	60.2401
HS15_str_inv	BOBJ1	183.1858	After	Interior Girder 1	183.1858	0.95	1	1	42.812851
HS15_str_inv	BOBJ1	183.1858	After	Interior Girder 2	183.1858	0.95	1	1	42.812849
HS15_str_inv	BOBJ1	183.1858	After	Right Exterior Girder	183.1858	0.95	1	1	60.240103
HS15_str_inv	BOBJ1	191.25	Before	Left Exterior Girder	191.25	0.95	1	1	59.92648
HS15_str_inv	BOBJ1	191.25	Before	Interior Girder 1	191.25	0.95	1	1	42.572406
HS15_str_inv	BOBJ1	191.25	Before	Interior Girder 2	191.25	0.95	1	1	42.572404
HS15_str_inv	BOBJ1	191.25	Before	Right Exterior Girder	191.25	0.95	1	1	59.926484
HS15_str_inv	BOBJ1	191.25	After	Left Exterior Girder	191.25	0.95	1	1	58.341341
HS15_str_inv	BOBJ1	191.25	After	Interior Girder 1	191.25	0.95	1	1	39.370486
HS15_str_inv	BOBJ1	191.25	After	Interior Girder 2	191.25	0.95	1	1	39.370485
HS15_str_inv	BOBJ1	191.25	After	Right Exterior Girder	191.25	0.95	1	1	58.341344
HS15_str_inv	BOBJ1	199.9414	Before	Left Exterior Girder	199.9414	0.95	1	1	58.011648
HS15_str_inv	BOBJ1	199.9414	Before	Interior Girder 1	199.9414	0.95	1	1	39.130425
HS15_str_inv	BOBJ1	199.9414	Before	Interior Girder 2	199.9414	0.95	1	1	39.130424
HS15_str_inv	BOBJ1	199.9414	Before	Right Exterior Girder	199.9414	0.95	1	1	58.01165
HS15_str_inv	BOBJ1	199.9414	After	Left Exterior Girder	199.9414	0.95	1	1	73.994998
HS15_str_inv	BOBJ1	199.9414	After	Interior Girder 1	199.9414	0.95	1	1	47.3563
HS15_str_inv	BOBJ1	199.9414	After	Interior Girder 2	199.9414	0.95	1	1	47.356299
HS15_str_inv	BOBJ1	199.9414	After	Right Exterior Girder	199.9414	0.95	1	1	73.995001
HS15_str_inv	BOBJ1	202.5	Before	Left Exterior Girder	202.5	0.95	1	1	73.884344
HS15_str_inv	BOBJ1	202.5	Before	Interior Girder 1	202.5	0.95	1	1	47.280794
HS15_str_inv	BOBJ1	202.5	Before	Interior Girder 2	202.5	0.95	1	1	47.280793
HS15_str_inv	BOBJ1	202.5	Before	Right Exterior Girder	202.5	0.95	1	1	73.884347
HS15_str_inv	BOBJ1	202.5	After	Left Exterior Girder	202.5	0.95	1	1	74.460448
HS15_str_inv	BOBJ1	202.5	After	Interior Girder 1	202.5	0.95	1	1	47.701912
HS15_str_inv	BOBJ1	202.5	After	Interior Girder 2	202.5	0.95	1	1	47.701912
HS15_str_inv	BOBJ1	202.5	After	Right Exterior Girder	202.5	0.95	1	1	74.460451
HS15_str_inv	BOBJ1	210.5642	Before	Left Exterior Girder	210.5642	0.95	1	1	74.108618
HS15_str_inv	BOBJ1	210.5642	Before	Interior Girder 1	210.5642	0.95	1	1	47.461377
HS15_str_inv	BOBJ1	210.5642	Before	Interior Girder 2	210.5642	0.95	1	1	47.461376
HS15_str_inv	BOBJ1	210.5642	Before	Right Exterior Girder	210.5642	0.95	1	1	74.10862
HS15_str_inv	BOBJ1	210.5642	After	Left Exterior Girder	210.5642	0.95	1	1	89.949754
HS15_str_inv	BOBJ1	210.5642	After	Interior Girder 1	210.5642	0.95	1	1	55.130719
HS15_str_inv	BOBJ1	210.5642	After	Interior Girder 2	210.5642	0.95	1	1	55.130718
HS15_str_inv	BOBJ1	210.5642	After	Right Exterior Girder	210.5642	0.95	1	1	89.949756
HS15_str_inv	BOBJ1	213.75	Before	Left Exterior Girder	213.75	0.95	1	1	89.793467
HS15_str_inv	BOBJ1	213.75	Before	Interior Girder 1	213.75	0.95	1	1	55.029357
HS15_str_inv	BOBJ1	213.75	Before	Interior Girder 2	213.75	0.95	1	1	55.029357
HS15_str_inv	BOBJ1	213.75	Before	Right Exterior Girder	213.75	0.95	1	1	89.793469
HS15_str_inv	BOBJ1	213.75	After	Left Exterior Girder	213.75	0.95	1	1	89.857775
HS15_str_inv	BOBJ1	213.75	After	Interior Girder 1	213.75	0.95	1	1	53.692648
HS15_str_inv	BOBJ1	213.75	After	Interior Girder 2	213.75	0.95	1	1	53.692648
HS15_str_inv	BOBJ1	213.75	After	Right Exterior Girder	213.75	0.95	1	1	89.857777
HS15_str_inv	BOBJ1	225	Before	Left Exterior Girder	225	0.95	1	1	89.30504
HS15_str_inv	BOBJ1	225	Before	Interior Girder 1	225	0.95	1	1	53.343061
HS15_str_inv	BOBJ1	225	Before	Interior Girder 2	225	0.95	1	1	53.34306
HS15_str_inv	BOBJ1	225	Before	Right Exterior Girder	225	0.95	1	1	89.305042

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Main Span Girders									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
HS15_str_inv	BOBJ1	225	After	Left Exterior Girder	0	0.95	1	1	84.048101
HS15_str_inv	BOBJ1	225	After	Interior Girder 1	0	0.95	1	1	50.191487
HS15_str_inv	BOBJ1	225	After	Interior Girder 2	0	0.95	1	1	50.191487
HS15_str_inv	BOBJ1	225	After	Right Exterior Girder	0	0.95	1	1	84.048101
HS15_str_inv	BOBJ1	236.45	Before	Left Exterior Girder	11.45	0.95	1	1	86.269617
HS15_str_inv	BOBJ1	236.45	Before	Interior Girder 1	11.45	0.95	1	1	53.542568
HS15_str_inv	BOBJ1	236.45	Before	Interior Girder 2	11.45	0.95	1	1	53.542569
HS15_str_inv	BOBJ1	236.45	Before	Right Exterior Girder	11.45	0.95	1	1	86.269616
HS15_str_inv	BOBJ1	236.45	After	Left Exterior Girder	11.45	0.95	1	1	86.155879
HS15_str_inv	BOBJ1	236.45	After	Interior Girder 1	11.45	0.95	1	1	54.145255
HS15_str_inv	BOBJ1	236.45	After	Interior Girder 2	11.45	0.95	1	1	54.145255
HS15_str_inv	BOBJ1	236.45	After	Right Exterior Girder	11.45	0.95	1	1	86.155878
HS15_str_inv	BOBJ1	239.5082	Before	Left Exterior Girder	14.5082	0.95	1	1	86.301342
HS15_str_inv	BOBJ1	239.5082	Before	Interior Girder 1	14.5082	0.95	1	1	54.241953
HS15_str_inv	BOBJ1	239.5082	Before	Interior Girder 2	14.5082	0.95	1	1	54.241954
HS15_str_inv	BOBJ1	239.5082	Before	Right Exterior Girder	14.5082	0.95	1	1	86.301341
HS15_str_inv	BOBJ1	239.5082	After	Left Exterior Girder	14.5082	0.95	1	1	70.774405
HS15_str_inv	BOBJ1	239.5082	After	Interior Girder 1	14.5082	0.95	1	1	46.608408
HS15_str_inv	BOBJ1	239.5082	After	Interior Girder 2	14.5082	0.95	1	1	46.608408
HS15_str_inv	BOBJ1	239.5082	After	Right Exterior Girder	14.5082	0.95	1	1	70.774404
HS15_str_inv	BOBJ1	247.9	Before	Left Exterior Girder	22.9	0.95	1	1	71.128658
HS15_str_inv	BOBJ1	247.9	Before	Interior Girder 1	22.9	0.95	1	1	46.857339
HS15_str_inv	BOBJ1	247.9	Before	Interior Girder 2	22.9	0.95	1	1	46.857339
HS15_str_inv	BOBJ1	247.9	Before	Right Exterior Girder	22.9	0.95	1	1	71.128657
HS15_str_inv	BOBJ1	247.9	After	Left Exterior Girder	22.9	0.95	1	1	73.799355
HS15_str_inv	BOBJ1	247.9	After	Interior Girder 1	22.9	0.95	1	1	50.265518
HS15_str_inv	BOBJ1	247.9	After	Interior Girder 2	22.9	0.95	1	1	50.265518
HS15_str_inv	BOBJ1	247.9	After	Right Exterior Girder	22.9	0.95	1	1	73.799353
HS15_str_inv	BOBJ1	258.5189	Before	Left Exterior Girder	33.5189	0.95	1	1	74.263394
HS15_str_inv	BOBJ1	258.5189	Before	Interior Girder 1	33.5189	0.95	1	1	50.602745
HS15_str_inv	BOBJ1	258.5189	Before	Interior Girder 2	33.5189	0.95	1	1	50.602746
HS15_str_inv	BOBJ1	258.5189	Before	Right Exterior Girder	33.5189	0.95	1	1	74.263393
HS15_str_inv	BOBJ1	258.5189	After	Left Exterior Girder	33.5189	0.95	1	1	54.605375
HS15_str_inv	BOBJ1	258.5189	After	Interior Girder 1	33.5189	0.95	1	1	39.914021
HS15_str_inv	BOBJ1	258.5189	After	Interior Girder 2	33.5189	0.95	1	1	39.914021
HS15_str_inv	BOBJ1	258.5189	After	Right Exterior Girder	33.5189	0.95	1	1	54.605374
HS15_str_inv	BOBJ1	259.3	Before	Left Exterior Girder	34.3	0.95	1	1	54.633629
HS15_str_inv	BOBJ1	259.3	Before	Interior Girder 1	34.3	0.95	1	1	39.93615
HS15_str_inv	BOBJ1	259.3	Before	Interior Girder 2	34.3	0.95	1	1	39.936151
HS15_str_inv	BOBJ1	259.3	Before	Right Exterior Girder	34.3	0.95	1	1	54.633628
HS15_str_inv	BOBJ1	259.3	After	Left Exterior Girder	34.3	0.95	1	1	57.079802
HS15_str_inv	BOBJ1	259.3	After	Interior Girder 1	34.3	0.95	1	1	40.882217
HS15_str_inv	BOBJ1	259.3	After	Interior Girder 2	34.3	0.95	1	1	40.882217
HS15_str_inv	BOBJ1	259.3	After	Right Exterior Girder	34.3	0.95	1	1	57.079801
HS15_str_inv	BOBJ1	266.1031	Before	Left Exterior Girder	41.1031	0.95	1	1	57.335813
HS15_str_inv	BOBJ1	266.1031	Before	Interior Girder 1	41.1031	0.95	1	1	41.080005
HS15_str_inv	BOBJ1	266.1031	Before	Interior Girder 2	41.1031	0.95	1	1	41.080005
HS15_str_inv	BOBJ1	266.1031	Before	Right Exterior Girder	41.1031	0.95	1	1	57.335812
HS15_str_inv	BOBJ1	266.1031	After	Left Exterior Girder	41.1031	0.95	1	1	35.982414
HS15_str_inv	BOBJ1	266.1031	After	Interior Girder 1	41.1031	0.95	1	1	26.546824
HS15_str_inv	BOBJ1	266.1031	After	Interior Girder 2	41.1031	0.95	1	1	26.546825
HS15_str_inv	BOBJ1	266.1031	After	Right Exterior Girder	41.1031	0.95	1	1	35.982413
HS15_str_inv	BOBJ1	270.7	Before	Left Exterior Girder	45.7	0.95	1	1	36.120082
HS15_str_inv	BOBJ1	270.7	Before	Interior Girder 1	45.7	0.95	1	1	26.658454
HS15_str_inv	BOBJ1	270.7	Before	Interior Girder 2	45.7	0.95	1	1	26.658455
HS15_str_inv	BOBJ1	270.7	Before	Right Exterior Girder	45.7	0.95	1	1	36.120081
HS15_str_inv	BOBJ1	270.7	After	Left Exterior Girder	45.7	0.95	1	1	36.529423
HS15_str_inv	BOBJ1	270.7	After	Interior Girder 1	45.7	0.95	1	1	25.902307
HS15_str_inv	BOBJ1	270.7	After	Interior Girder 2	45.7	0.95	1	1	25.902308
HS15_str_inv	BOBJ1	270.7	After	Right Exterior Girder	45.7	0.95	1	1	36.529422
HS15_str_inv	BOBJ1	273.6874	Before	Left Exterior Girder	48.6874	0.95	1	1	36.619732
HS15_str_inv	BOBJ1	273.6874	Before	Interior Girder 1	48.6874	0.95	1	1	25.972575
HS15_str_inv	BOBJ1	273.6874	Before	Interior Girder 2	48.6874	0.95	1	1	25.972575
HS15_str_inv	BOBJ1	273.6874	Before	Right Exterior Girder	48.6874	0.95	1	1	36.619731
HS15_str_inv	BOBJ1	273.6874	After	Left Exterior Girder	48.6874	0.95	1	1	24.109739
HS15_str_inv	BOBJ1	273.6874	After	Interior Girder 1	48.6874	0.95	1	1	18.010901
HS15_str_inv	BOBJ1	273.6874	After	Interior Girder 2	48.6874	0.95	1	1	18.010902
HS15_str_inv	BOBJ1	273.6874	After	Right Exterior Girder	48.6874	0.95	1	1	24.109738

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Main Span Girders									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
HS15_str_inv	BOBJ1	282.15	Before	Left Exterior Girder	57.15	0.95	1	1	24.325448
HS15_str_inv	BOBJ1	282.15	Before	Interior Girder 1	57.15	0.95	1	1	18.191657
HS15_str_inv	BOBJ1	282.15	Before	Interior Girder 2	57.15	0.95	1	1	18.191657
HS15_str_inv	BOBJ1	282.15	Before	Right Exterior Girder	57.15	0.95	1	1	24.325447
HS15_str_inv	BOBJ1	282.15	After	Left Exterior Girder	57.15	0.95	1	1	24.747569
HS15_str_inv	BOBJ1	282.15	After	Interior Girder 1	57.15	0.95	1	1	19.028441
HS15_str_inv	BOBJ1	282.15	After	Interior Girder 2	57.15	0.95	1	1	19.028441
HS15_str_inv	BOBJ1	282.15	After	Right Exterior Girder	57.15	0.95	1	1	24.747568
HS15_str_inv	BOBJ1	293.6	Before	Left Exterior Girder	68.6	0.95	1	1	26.048815
HS15_str_inv	BOBJ1	293.6	Before	Interior Girder 1	68.6	0.95	1	1	20.660706
HS15_str_inv	BOBJ1	293.6	Before	Interior Girder 2	68.6	0.95	1	1	20.660707
HS15_str_inv	BOBJ1	293.6	Before	Right Exterior Girder	68.6	0.95	1	1	26.048813
HS15_str_inv	BOBJ1	293.6	After	Left Exterior Girder	68.6	0.95	1	1	26.716069
HS15_str_inv	BOBJ1	293.6	After	Interior Girder 1	68.6	0.95	1	1	19.652646
HS15_str_inv	BOBJ1	293.6	After	Interior Girder 2	68.6	0.95	1	1	19.652647
HS15_str_inv	BOBJ1	293.6	After	Right Exterior Girder	68.6	0.95	1	1	26.71607
HS15_str_inv	BOBJ1	305	Before	Left Exterior Girder	80	0.95	1	1	28.233318
HS15_str_inv	BOBJ1	305	Before	Interior Girder 1	80	0.95	1	1	21.289373
HS15_str_inv	BOBJ1	305	Before	Interior Girder 2	80	0.95	1	1	21.289373
HS15_str_inv	BOBJ1	305	Before	Right Exterior Girder	80	0.95	1	1	28.23332
HS15_str_inv	BOBJ1	305	After	Left Exterior Girder	80	0.95	1	1	27.692571
HS15_str_inv	BOBJ1	305	After	Interior Girder 1	80	0.95	1	1	21.32418
HS15_str_inv	BOBJ1	305	After	Interior Girder 2	80	0.95	1	1	21.324179
HS15_str_inv	BOBJ1	305	After	Right Exterior Girder	80	0.95	1	1	27.692573
HS15_str_inv	BOBJ1	306.9561	Before	Left Exterior Girder	81.9561	0.95	1	1	27.747235
HS15_str_inv	BOBJ1	306.9561	Before	Interior Girder 1	81.9561	0.95	1	1	21.37105
HS15_str_inv	BOBJ1	306.9561	Before	Interior Girder 2	81.9561	0.95	1	1	21.37105
HS15_str_inv	BOBJ1	306.9561	Before	Right Exterior Girder	81.9561	0.95	1	1	27.747238
HS15_str_inv	BOBJ1	306.9561	After	Left Exterior Girder	81.9561	0.95	1	1	50.633883
HS15_str_inv	BOBJ1	306.9561	After	Interior Girder 1	81.9561	0.95	1	1	39.839651
HS15_str_inv	BOBJ1	306.9561	After	Interior Girder 2	81.9561	0.95	1	1	39.839651
HS15_str_inv	BOBJ1	306.9561	After	Right Exterior Girder	81.9561	0.95	1	1	50.633887
HS15_str_inv	BOBJ1	316.4	Before	Left Exterior Girder	91.4	0.95	1	1	50.998054
HS15_str_inv	BOBJ1	316.4	Before	Interior Girder 1	91.4	0.95	1	1	40.153686
HS15_str_inv	BOBJ1	316.4	Before	Interior Girder 2	91.4	0.95	1	1	40.153686
HS15_str_inv	BOBJ1	316.4	Before	Right Exterior Girder	91.4	0.95	1	1	50.998058
HS15_str_inv	BOBJ1	316.4	After	Left Exterior Girder	91.4	0.95	1	1	52.617237
HS15_str_inv	BOBJ1	316.4	After	Interior Girder 1	91.4	0.95	1	1	37.181446
HS15_str_inv	BOBJ1	316.4	After	Interior Girder 2	91.4	0.95	1	1	37.181446
HS15_str_inv	BOBJ1	316.4	After	Right Exterior Girder	91.4	0.95	1	1	52.617239
HS15_str_inv	BOBJ1	327.85	Before	Left Exterior Girder	102.9679	0.95	1	1	55.60554
HS15_str_inv	BOBJ1	327.85	Before	Interior Girder 1	102.9679	0.95	1	1	40.330487
HS15_str_inv	BOBJ1	327.85	Before	Interior Girder 2	102.9679	0.95	1	1	40.330488
HS15_str_inv	BOBJ1	327.85	Before	Right Exterior Girder	102.9679	0.95	1	1	55.605542
HS15_str_inv	BOBJ1	327.85	After	Left Exterior Girder	102.9679	0.95	1	1	86.978841
HS15_str_inv	BOBJ1	327.85	After	Interior Girder 1	102.9679	0.95	1	1	63.490447
HS15_str_inv	BOBJ1	327.85	After	Interior Girder 2	102.9679	0.95	1	1	63.490449
HS15_str_inv	BOBJ1	327.85	After	Right Exterior Girder	102.9679	0.95	1	1	86.978843
HS15_str_inv	BOBJ1	339.3	Before	Left Exterior Girder	114.3	0.95	1	1	91.907169
HS15_str_inv	BOBJ1	339.3	Before	Interior Girder 1	114.3	0.95	1	1	68.656271
HS15_str_inv	BOBJ1	339.3	Before	Interior Girder 2	114.3	0.95	1	1	68.656272
HS15_str_inv	BOBJ1	339.3	Before	Right Exterior Girder	114.3	0.95	1	1	91.907172
HS15_str_inv	BOBJ1	339.3	After	Left Exterior Girder	114.3	0.95	1	1	95.212157
HS15_str_inv	BOBJ1	339.3	After	Interior Girder 1	114.3	0.95	1	1	62.950378
HS15_str_inv	BOBJ1	339.3	After	Interior Girder 2	114.3	0.95	1	1	62.950376
HS15_str_inv	BOBJ1	339.3	After	Right Exterior Girder	114.3	0.95	1	1	95.212154
HS15_str_inv	BOBJ1	350.7	Before	Left Exterior Girder	125.7	0.95	1	1	101.009492
HS15_str_inv	BOBJ1	350.7	Before	Interior Girder 1	125.7	0.95	1	1	68.328779
HS15_str_inv	BOBJ1	350.7	Before	Interior Girder 2	125.7	0.95	1	1	68.328777
HS15_str_inv	BOBJ1	350.7	Before	Right Exterior Girder	125.7	0.95	1	1	101.009489
HS15_str_inv	BOBJ1	350.7	After	Left Exterior Girder	125.7	0.95	1	1	103.715656
HS15_str_inv	BOBJ1	350.7	After	Interior Girder 1	125.7	0.95	1	1	70.248796
HS15_str_inv	BOBJ1	350.7	After	Interior Girder 2	125.7	0.95	1	1	70.248794
HS15_str_inv	BOBJ1	350.7	After	Right Exterior Girder	125.7	0.95	1	1	103.715655
HS15_str_inv	BOBJ1	362.1	Before	Left Exterior Girder	137.1	0.95	1	1	110.620316
HS15_str_inv	BOBJ1	362.1	Before	Interior Girder 1	137.1	0.95	1	1	76.296996
HS15_str_inv	BOBJ1	362.1	Before	Interior Girder 2	137.1	0.95	1	1	76.296995
HS15_str_inv	BOBJ1	362.1	Before	Right Exterior Girder	137.1	0.95	1	1	110.620316

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Main Span Girders									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
HS15_str_inv	BOBJ1	362.1	After	Left Exterior Girder	137.1	0.95	1	1	115.493671
HS15_str_inv	BOBJ1	362.1	After	Interior Girder 1	137.1	0.95	1	1	69.170436
HS15_str_inv	BOBJ1	362.1	After	Interior Girder 2	137.1	0.95	1	1	69.170437
HS15_str_inv	BOBJ1	362.1	After	Right Exterior Girder	137.1	0.95	1	1	115.493662
HS15_str_inv	BOBJ1	373.55	Before	Left Exterior Girder	148.55	0.95	1	1	123.743865
HS15_str_inv	BOBJ1	373.55	Before	Interior Girder 1	148.55	0.95	1	1	75.354075
HS15_str_inv	BOBJ1	373.55	Before	Interior Girder 2	148.55	0.95	1	1	75.354075
HS15_str_inv	BOBJ1	373.55	Before	Right Exterior Girder	148.55	0.95	1	1	123.743855
HS15_str_inv	BOBJ1	373.55	After	Left Exterior Girder	148.55	0.95	1	1	127.832045
HS15_str_inv	BOBJ1	373.55	After	Interior Girder 1	148.55	0.95	1	1	77.566281
HS15_str_inv	BOBJ1	373.55	After	Interior Girder 2	148.55	0.95	1	1	77.566281
HS15_str_inv	BOBJ1	373.55	After	Right Exterior Girder	148.55	0.95	1	1	127.832034
HS15_str_inv	BOBJ1	385	Before	Left Exterior Girder	160	0.95	1	1	138.010605
HS15_str_inv	BOBJ1	385	Before	Interior Girder 1	160	0.95	1	1	76.028007
HS15_str_inv	BOBJ1	385	Before	Interior Girder 2	160	0.95	1	1	76.028005
HS15_str_inv	BOBJ1	385	Before	Right Exterior Girder	160	0.95	1	1	138.010591
HS15_str_inv	BOBJ1	385	After	Left Exterior Girder	160	0.95	1	1	138.010593
HS15_str_inv	BOBJ1	385	After	Interior Girder 1	160	0.95	1	1	76.028
HS15_str_inv	BOBJ1	385	After	Interior Girder 2	160	0.95	1	1	76.028003
HS15_str_inv	BOBJ1	385	After	Right Exterior Girder	160	0.95	1	1	138.010607
HS15_str_inv	BOBJ1	396.45	Before	Left Exterior Girder	171.45	0.95	1	1	127.832032
HS15_str_inv	BOBJ1	396.45	Before	Interior Girder 1	171.45	0.95	1	1	77.566285
HS15_str_inv	BOBJ1	396.45	Before	Interior Girder 2	171.45	0.95	1	1	77.566283
HS15_str_inv	BOBJ1	396.45	Before	Right Exterior Girder	171.45	0.95	1	1	127.832044
HS15_str_inv	BOBJ1	396.45	After	Left Exterior Girder	171.45	0.95	1	1	123.743851
HS15_str_inv	BOBJ1	396.45	After	Interior Girder 1	171.45	0.95	1	1	75.354078
HS15_str_inv	BOBJ1	396.45	After	Interior Girder 2	171.45	0.95	1	1	75.354077
HS15_str_inv	BOBJ1	396.45	After	Right Exterior Girder	171.45	0.95	1	1	123.743863
HS15_str_inv	BOBJ1	407.9	Before	Left Exterior Girder	182.9	0.95	1	1	115.493659
HS15_str_inv	BOBJ1	407.9	Before	Interior Girder 1	182.9	0.95	1	1	69.170441
HS15_str_inv	BOBJ1	407.9	Before	Interior Girder 2	182.9	0.95	1	1	69.170439
HS15_str_inv	BOBJ1	407.9	Before	Right Exterior Girder	182.9	0.95	1	1	115.493669
HS15_str_inv	BOBJ1	407.9	After	Left Exterior Girder	182.9	0.95	1	1	110.620307
HS15_str_inv	BOBJ1	407.9	After	Interior Girder 1	182.9	0.95	1	1	76.297002
HS15_str_inv	BOBJ1	407.9	After	Interior Girder 2	182.9	0.95	1	1	76.296999
HS15_str_inv	BOBJ1	407.9	After	Right Exterior Girder	182.9	0.95	1	1	110.62031
HS15_str_inv	BOBJ1	419.3	Before	Left Exterior Girder	194.3	0.95	1	1	103.715647
HS15_str_inv	BOBJ1	419.3	Before	Interior Girder 1	194.3	0.95	1	1	70.248798
HS15_str_inv	BOBJ1	419.3	Before	Interior Girder 2	194.3	0.95	1	1	70.248797
HS15_str_inv	BOBJ1	419.3	Before	Right Exterior Girder	194.3	0.95	1	1	103.715652
HS15_str_inv	BOBJ1	419.3	After	Left Exterior Girder	194.3	0.95	1	1	101.009482
HS15_str_inv	BOBJ1	419.3	After	Interior Girder 1	194.3	0.95	1	1	68.328781
HS15_str_inv	BOBJ1	419.3	After	Interior Girder 2	194.3	0.95	1	1	68.32878
HS15_str_inv	BOBJ1	419.3	After	Right Exterior Girder	194.3	0.95	1	1	101.009487
HS15_str_inv	BOBJ1	430.7	Before	Left Exterior Girder	205.7	0.95	1	1	95.212148
HS15_str_inv	BOBJ1	430.7	Before	Interior Girder 1	205.7	0.95	1	1	62.950382
HS15_str_inv	BOBJ1	430.7	Before	Interior Girder 2	205.7	0.95	1	1	62.950379
HS15_str_inv	BOBJ1	430.7	Before	Right Exterior Girder	205.7	0.95	1	1	95.212153
HS15_str_inv	BOBJ1	430.7	After	Left Exterior Girder	205.7	0.95	1	1	91.907169
HS15_str_inv	BOBJ1	430.7	After	Interior Girder 1	205.7	0.95	1	1	68.656273
HS15_str_inv	BOBJ1	430.7	After	Interior Girder 2	205.7	0.95	1	1	68.65627
HS15_str_inv	BOBJ1	430.7	After	Right Exterior Girder	205.7	0.95	1	1	91.907177
HS15_str_inv	BOBJ1	442.15	Before	Left Exterior Girder	217.0321	0.95	1	1	86.978841
HS15_str_inv	BOBJ1	442.15	Before	Interior Girder 1	217.0321	0.95	1	1	63.490448
HS15_str_inv	BOBJ1	442.15	Before	Interior Girder 2	217.0321	0.95	1	1	63.490446
HS15_str_inv	BOBJ1	442.15	Before	Right Exterior Girder	217.0321	0.95	1	1	86.978848
HS15_str_inv	BOBJ1	442.15	After	Left Exterior Girder	217.0321	0.95	1	1	55.60554
HS15_str_inv	BOBJ1	442.15	After	Interior Girder 1	217.0321	0.95	1	1	40.330487
HS15_str_inv	BOBJ1	442.15	After	Interior Girder 2	217.0321	0.95	1	1	40.330486
HS15_str_inv	BOBJ1	442.15	After	Right Exterior Girder	217.0321	0.95	1	1	55.605544
HS15_str_inv	BOBJ1	453.6	Before	Left Exterior Girder	228.6	0.95	1	1	52.617237
HS15_str_inv	BOBJ1	453.6	Before	Interior Girder 1	228.6	0.95	1	1	37.181447
HS15_str_inv	BOBJ1	453.6	Before	Interior Girder 2	228.6	0.95	1	1	37.181446
HS15_str_inv	BOBJ1	453.6	Before	Right Exterior Girder	228.6	0.95	1	1	52.617241
HS15_str_inv	BOBJ1	453.6	After	Left Exterior Girder	228.6	0.95	1	1	50.998055
HS15_str_inv	BOBJ1	453.6	After	Interior Girder 1	228.6	0.95	1	1	40.153686
HS15_str_inv	BOBJ1	453.6	After	Interior Girder 2	228.6	0.95	1	1	40.153685
HS15_str_inv	BOBJ1	453.6	After	Right Exterior Girder	228.6	0.95	1	1	50.998054

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Main Span Girders									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
HS15_str_inv	BOBJ1	463.0439	Before	Left Exterior Girder	238.0439	0.95	1	1	50.633885
HS15_str_inv	BOBJ1	463.0439	Before	Interior Girder 1	238.0439	0.95	1	1	39.839651
HS15_str_inv	BOBJ1	463.0439	Before	Interior Girder 2	238.0439	0.95	1	1	39.839649
HS15_str_inv	BOBJ1	463.0439	Before	Right Exterior Girder	238.0439	0.95	1	1	50.633884
HS15_str_inv	BOBJ1	463.0439	After	Left Exterior Girder	238.0439	0.95	1	1	27.747236
HS15_str_inv	BOBJ1	463.0439	After	Interior Girder 1	238.0439	0.95	1	1	21.37105
HS15_str_inv	BOBJ1	463.0439	After	Interior Girder 2	238.0439	0.95	1	1	21.37105
HS15_str_inv	BOBJ1	463.0439	After	Right Exterior Girder	238.0439	0.95	1	1	27.747236
HS15_str_inv	BOBJ1	465	Before	Left Exterior Girder	240	0.95	1	1	27.692572
HS15_str_inv	BOBJ1	465	Before	Interior Girder 1	240	0.95	1	1	21.32418
HS15_str_inv	BOBJ1	465	Before	Interior Girder 2	240	0.95	1	1	21.324179
HS15_str_inv	BOBJ1	465	Before	Right Exterior Girder	240	0.95	1	1	27.692571
HS15_str_inv	BOBJ1	465	After	Left Exterior Girder	240	0.95	1	1	28.233319
HS15_str_inv	BOBJ1	465	After	Interior Girder 1	240	0.95	1	1	21.289373
HS15_str_inv	BOBJ1	465	After	Interior Girder 2	240	0.95	1	1	21.289372
HS15_str_inv	BOBJ1	465	After	Right Exterior Girder	240	0.95	1	1	28.233318
HS15_str_inv	BOBJ1	476.4	Before	Left Exterior Girder	251.4	0.95	1	1	26.716069
HS15_str_inv	BOBJ1	476.4	Before	Interior Girder 1	251.4	0.95	1	1	19.652647
HS15_str_inv	BOBJ1	476.4	Before	Interior Girder 2	251.4	0.95	1	1	19.652646
HS15_str_inv	BOBJ1	476.4	Before	Right Exterior Girder	251.4	0.95	1	1	26.716069
HS15_str_inv	BOBJ1	476.4	After	Left Exterior Girder	251.4	0.95	1	1	26.048813
HS15_str_inv	BOBJ1	476.4	After	Interior Girder 1	251.4	0.95	1	1	20.660707
HS15_str_inv	BOBJ1	476.4	After	Interior Girder 2	251.4	0.95	1	1	20.660708
HS15_str_inv	BOBJ1	476.4	After	Right Exterior Girder	251.4	0.95	1	1	26.048813
HS15_str_inv	BOBJ1	487.85	Before	Left Exterior Girder	262.85	0.95	1	1	24.747568
HS15_str_inv	BOBJ1	487.85	Before	Interior Girder 1	262.85	0.95	1	1	19.028441
HS15_str_inv	BOBJ1	487.85	Before	Interior Girder 2	262.85	0.95	1	1	19.028442
HS15_str_inv	BOBJ1	487.85	Before	Right Exterior Girder	262.85	0.95	1	1	24.747567
HS15_str_inv	BOBJ1	487.85	After	Left Exterior Girder	262.85	0.95	1	1	24.325447
HS15_str_inv	BOBJ1	487.85	After	Interior Girder 1	262.85	0.95	1	1	18.191657
HS15_str_inv	BOBJ1	487.85	After	Interior Girder 2	262.85	0.95	1	1	18.191658
HS15_str_inv	BOBJ1	487.85	After	Right Exterior Girder	262.85	0.95	1	1	24.325446
HS15_str_inv	BOBJ1	496.3126	Before	Left Exterior Girder	271.3126	0.95	1	1	24.109737
HS15_str_inv	BOBJ1	496.3126	Before	Interior Girder 1	271.3126	0.95	1	1	18.010901
HS15_str_inv	BOBJ1	496.3126	Before	Interior Girder 2	271.3126	0.95	1	1	18.010902
HS15_str_inv	BOBJ1	496.3126	Before	Right Exterior Girder	271.3126	0.95	1	1	24.109737
HS15_str_inv	BOBJ1	496.3126	After	Left Exterior Girder	271.3126	0.95	1	1	36.61973
HS15_str_inv	BOBJ1	496.3126	After	Interior Girder 1	271.3126	0.95	1	1	25.972575
HS15_str_inv	BOBJ1	496.3126	After	Interior Girder 2	271.3126	0.95	1	1	25.972577
HS15_str_inv	BOBJ1	496.3126	After	Right Exterior Girder	271.3126	0.95	1	1	36.61973
HS15_str_inv	BOBJ1	499.3	Before	Left Exterior Girder	274.3	0.95	1	1	36.529421
HS15_str_inv	BOBJ1	499.3	Before	Interior Girder 1	274.3	0.95	1	1	25.902307
HS15_str_inv	BOBJ1	499.3	Before	Interior Girder 2	274.3	0.95	1	1	25.902309
HS15_str_inv	BOBJ1	499.3	Before	Right Exterior Girder	274.3	0.95	1	1	36.52942
HS15_str_inv	BOBJ1	499.3	After	Left Exterior Girder	274.3	0.95	1	1	36.120082
HS15_str_inv	BOBJ1	499.3	After	Interior Girder 1	274.3	0.95	1	1	26.658455
HS15_str_inv	BOBJ1	499.3	After	Interior Girder 2	274.3	0.95	1	1	26.658456
HS15_str_inv	BOBJ1	499.3	After	Right Exterior Girder	274.3	0.95	1	1	36.12008
HS15_str_inv	BOBJ1	503.8969	Before	Left Exterior Girder	278.8969	0.95	1	1	35.982413
HS15_str_inv	BOBJ1	503.8969	Before	Interior Girder 1	278.8969	0.95	1	1	26.546825
HS15_str_inv	BOBJ1	503.8969	Before	Interior Girder 2	278.8969	0.95	1	1	26.546826
HS15_str_inv	BOBJ1	503.8969	Before	Right Exterior Girder	278.8969	0.95	1	1	35.982411
HS15_str_inv	BOBJ1	503.8969	After	Left Exterior Girder	278.8969	0.95	1	1	57.335812
HS15_str_inv	BOBJ1	503.8969	After	Interior Girder 1	278.8969	0.95	1	1	41.080005
HS15_str_inv	BOBJ1	503.8969	After	Interior Girder 2	278.8969	0.95	1	1	41.080007
HS15_str_inv	BOBJ1	503.8969	After	Right Exterior Girder	278.8969	0.95	1	1	57.335809
HS15_str_inv	BOBJ1	510.7	Before	Left Exterior Girder	285.7	0.95	1	1	57.079802
HS15_str_inv	BOBJ1	510.7	Before	Interior Girder 1	285.7	0.95	1	1	40.882216
HS15_str_inv	BOBJ1	510.7	Before	Interior Girder 2	285.7	0.95	1	1	40.882219
HS15_str_inv	BOBJ1	510.7	Before	Right Exterior Girder	285.7	0.95	1	1	57.079799
HS15_str_inv	BOBJ1	510.7	After	Left Exterior Girder	285.7	0.95	1	1	52.969357
HS15_str_inv	BOBJ1	510.7	After	Interior Girder 1	285.7	0.95	1	1	37.243955
HS15_str_inv	BOBJ1	510.7	After	Interior Girder 2	285.7	0.95	1	1	37.243956
HS15_str_inv	BOBJ1	510.7	After	Right Exterior Girder	285.7	0.95	1	1	52.969354
HS15_str_inv	BOBJ1	511.4811	Before	Left Exterior Girder	286.4811	0.95	1	1	52.941964
HS15_str_inv	BOBJ1	511.4811	Before	Interior Girder 1	286.4811	0.95	1	1	37.223317
HS15_str_inv	BOBJ1	511.4811	Before	Interior Girder 2	286.4811	0.95	1	1	37.223319
HS15_str_inv	BOBJ1	511.4811	Before	Right Exterior Girder	286.4811	0.95	1	1	52.941961

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Main Span Girders									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
HS15_str_inv	BOBJ1	511.4811	After	Left Exterior Girder	286.4811	0.95	1	1	74.450252
HS15_str_inv	BOBJ1	511.4811	After	Interior Girder 1	286.4811	0.95	1	1	50.917984
HS15_str_inv	BOBJ1	511.4811	After	Interior Girder 2	286.4811	0.95	1	1	50.917986
HS15_str_inv	BOBJ1	511.4811	After	Right Exterior Girder	286.4811	0.95	1	1	74.450249
HS15_str_inv	BOBJ1	522.1	Before	Left Exterior Girder	297.1	0.95	1	1	73.985045
HS15_str_inv	BOBJ1	522.1	Before	Interior Girder 1	297.1	0.95	1	1	50.578655
HS15_str_inv	BOBJ1	522.1	Before	Interior Girder 2	297.1	0.95	1	1	50.578657
HS15_str_inv	BOBJ1	522.1	Before	Right Exterior Girder	297.1	0.95	1	1	73.985041
HS15_str_inv	BOBJ1	522.1	After	Left Exterior Girder	297.1	0.95	1	1	71.125906
HS15_str_inv	BOBJ1	522.1	After	Interior Girder 1	297.1	0.95	1	1	46.831648
HS15_str_inv	BOBJ1	522.1	After	Interior Girder 2	297.1	0.95	1	1	46.831648
HS15_str_inv	BOBJ1	522.1	After	Right Exterior Girder	297.1	0.95	1	1	71.125904
HS15_str_inv	BOBJ1	530.4918	Before	Left Exterior Girder	305.4918	0.95	1	1	70.771667
HS15_str_inv	BOBJ1	530.4918	Before	Interior Girder 1	305.4918	0.95	1	1	46.582853
HS15_str_inv	BOBJ1	530.4918	Before	Interior Girder 2	305.4918	0.95	1	1	46.582853
HS15_str_inv	BOBJ1	530.4918	Before	Right Exterior Girder	305.4918	0.95	1	1	70.771666
HS15_str_inv	BOBJ1	530.4918	After	Left Exterior Girder	305.4918	0.95	1	1	86.301341
HS15_str_inv	BOBJ1	530.4918	After	Interior Girder 1	305.4918	0.95	1	1	54.241954
HS15_str_inv	BOBJ1	530.4918	After	Interior Girder 2	305.4918	0.95	1	1	54.241954
HS15_str_inv	BOBJ1	530.4918	After	Right Exterior Girder	305.4918	0.95	1	1	86.301339
HS15_str_inv	BOBJ1	533.55	Before	Left Exterior Girder	308.55	0.95	1	1	86.155878
HS15_str_inv	BOBJ1	533.55	Before	Interior Girder 1	308.55	0.95	1	1	54.145256
HS15_str_inv	BOBJ1	533.55	Before	Interior Girder 2	308.55	0.95	1	1	54.145256
HS15_str_inv	BOBJ1	533.55	Before	Right Exterior Girder	308.55	0.95	1	1	86.155876
HS15_str_inv	BOBJ1	533.55	After	Left Exterior Girder	308.55	0.95	1	1	86.269254
HS15_str_inv	BOBJ1	533.55	After	Interior Girder 1	308.55	0.95	1	1	53.541162
HS15_str_inv	BOBJ1	533.55	After	Interior Girder 2	308.55	0.95	1	1	53.541162
HS15_str_inv	BOBJ1	533.55	After	Right Exterior Girder	308.55	0.95	1	1	86.269253
HS15_str_inv	BOBJ1	545	Before	Left Exterior Girder	320	0.95	1	1	84.045814
HS15_str_inv	BOBJ1	545	Before	Interior Girder 1	320	0.95	1	1	50.18961
HS15_str_inv	BOBJ1	545	Before	Interior Girder 2	320	0.95	1	1	50.18961
HS15_str_inv	BOBJ1	545	Before	Right Exterior Girder	320	0.95	1	1	84.045813
HS15_str_inv	BOBJ1	545	After	Left Exterior Girder	0	0.95	1	1	89.305041
HS15_str_inv	BOBJ1	545	After	Interior Girder 1	0	0.95	1	1	53.34306
HS15_str_inv	BOBJ1	545	After	Interior Girder 2	0	0.95	1	1	53.34306
HS15_str_inv	BOBJ1	545	After	Right Exterior Girder	0	0.95	1	1	89.30504
HS15_str_inv	BOBJ1	556.25	Before	Left Exterior Girder	11.25	0.95	1	1	89.857776
HS15_str_inv	BOBJ1	556.25	Before	Interior Girder 1	11.25	0.95	1	1	53.692647
HS15_str_inv	BOBJ1	556.25	Before	Interior Girder 2	11.25	0.95	1	1	53.692647
HS15_str_inv	BOBJ1	556.25	Before	Right Exterior Girder	11.25	0.95	1	1	89.857775
HS15_str_inv	BOBJ1	556.25	After	Left Exterior Girder	11.25	0.95	1	1	89.793468
HS15_str_inv	BOBJ1	556.25	After	Interior Girder 1	11.25	0.95	1	1	55.029356
HS15_str_inv	BOBJ1	556.25	After	Interior Girder 2	11.25	0.95	1	1	55.029357
HS15_str_inv	BOBJ1	556.25	After	Right Exterior Girder	11.25	0.95	1	1	89.793467
HS15_str_inv	BOBJ1	559.4358	Before	Left Exterior Girder	14.4358	0.95	1	1	89.949755
HS15_str_inv	BOBJ1	559.4358	Before	Interior Girder 1	14.4358	0.95	1	1	55.130718
HS15_str_inv	BOBJ1	559.4358	Before	Interior Girder 2	14.4358	0.95	1	1	55.130718
HS15_str_inv	BOBJ1	559.4358	Before	Right Exterior Girder	14.4358	0.95	1	1	89.949754
HS15_str_inv	BOBJ1	559.4358	After	Left Exterior Girder	14.4358	0.95	1	1	74.108619
HS15_str_inv	BOBJ1	559.4358	After	Interior Girder 1	14.4358	0.95	1	1	47.461493
HS15_str_inv	BOBJ1	559.4358	After	Interior Girder 2	14.4358	0.95	1	1	47.461493
HS15_str_inv	BOBJ1	559.4358	After	Right Exterior Girder	14.4358	0.95	1	1	74.108618
HS15_str_inv	BOBJ1	567.5	Before	Left Exterior Girder	22.5	0.95	1	1	74.460449
HS15_str_inv	BOBJ1	567.5	Before	Interior Girder 1	22.5	0.95	1	1	47.702029
HS15_str_inv	BOBJ1	567.5	Before	Interior Girder 2	22.5	0.95	1	1	47.702029
HS15_str_inv	BOBJ1	567.5	Before	Right Exterior Girder	22.5	0.95	1	1	74.460448
HS15_str_inv	BOBJ1	567.5	After	Left Exterior Girder	22.5	0.95	1	1	73.884846
HS15_str_inv	BOBJ1	567.5	After	Interior Girder 1	22.5	0.95	1	1	47.281399
HS15_str_inv	BOBJ1	567.5	After	Interior Girder 2	22.5	0.95	1	1	47.281399
HS15_str_inv	BOBJ1	567.5	After	Right Exterior Girder	22.5	0.95	1	1	73.884846
HS15_str_inv	BOBJ1	570.0586	Before	Left Exterior Girder	25.0586	0.95	1	1	73.9955
HS15_str_inv	BOBJ1	570.0586	Before	Interior Girder 1	25.0586	0.95	1	1	47.356905
HS15_str_inv	BOBJ1	570.0586	Before	Interior Girder 2	25.0586	0.95	1	1	47.356905
HS15_str_inv	BOBJ1	570.0586	Before	Right Exterior Girder	25.0586	0.95	1	1	73.9955
HS15_str_inv	BOBJ1	570.0586	After	Left Exterior Girder	25.0586	0.95	1	1	58.011694
HS15_str_inv	BOBJ1	570.0586	After	Interior Girder 1	25.0586	0.95	1	1	39.130545
HS15_str_inv	BOBJ1	570.0586	After	Interior Girder 2	25.0586	0.95	1	1	39.130545
HS15_str_inv	BOBJ1	570.0586	After	Right Exterior Girder	25.0586	0.95	1	1	58.011694

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Main Span Girders									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
HS15_str_inv	BOBJ1	578.75	Before	Left Exterior Girder	33.75	0.95	1	1	58.341388
HS15_str_inv	BOBJ1	578.75	Before	Interior Girder 1	33.75	0.95	1	1	39.370606
HS15_str_inv	BOBJ1	578.75	Before	Interior Girder 2	33.75	0.95	1	1	39.370606
HS15_str_inv	BOBJ1	578.75	Before	Right Exterior Girder	33.75	0.95	1	1	58.341387
HS15_str_inv	BOBJ1	578.75	After	Left Exterior Girder	33.75	0.95	1	1	59.934952
HS15_str_inv	BOBJ1	578.75	After	Interior Girder 1	33.75	0.95	1	1	42.564232
HS15_str_inv	BOBJ1	578.75	After	Interior Girder 2	33.75	0.95	1	1	42.564232
HS15_str_inv	BOBJ1	578.75	After	Right Exterior Girder	33.75	0.95	1	1	59.934952
HS15_str_inv	BOBJ1	586.8142	Before	Left Exterior Girder	41.8142	0.95	1	1	60.248616
HS15_str_inv	BOBJ1	586.8142	Before	Interior Girder 1	41.8142	0.95	1	1	42.804631
HS15_str_inv	BOBJ1	586.8142	Before	Interior Girder 2	41.8142	0.95	1	1	42.804631
HS15_str_inv	BOBJ1	586.8142	Before	Right Exterior Girder	41.8142	0.95	1	1	60.248615
HS15_str_inv	BOBJ1	586.8142	After	Left Exterior Girder	41.8142	0.95	1	1	37.732389
HS15_str_inv	BOBJ1	586.8142	After	Interior Girder 1	41.8142	0.95	1	1	27.429907
HS15_str_inv	BOBJ1	586.8142	After	Interior Girder 2	41.8142	0.95	1	1	27.429907
HS15_str_inv	BOBJ1	586.8142	After	Right Exterior Girder	41.8142	0.95	1	1	37.732388
HS15_str_inv	BOBJ1	590	Before	Left Exterior Girder	45	0.95	1	1	37.829885
HS15_str_inv	BOBJ1	590	Before	Interior Girder 1	45	0.95	1	1	27.507768
HS15_str_inv	BOBJ1	590	Before	Interior Girder 2	45	0.95	1	1	27.507768
HS15_str_inv	BOBJ1	590	Before	Right Exterior Girder	45	0.95	1	1	37.829885
HS15_str_inv	BOBJ1	590	After	Left Exterior Girder	45	0.95	1	1	40.426456
HS15_str_inv	BOBJ1	590	After	Interior Girder 1	45	0.95	1	1	29.679622
HS15_str_inv	BOBJ1	590	After	Interior Girder 2	45	0.95	1	1	29.679622
HS15_str_inv	BOBJ1	590	After	Right Exterior Girder	45	0.95	1	1	40.426456
HS15_str_inv	BOBJ1	601.25	Before	Left Exterior Girder	56.25	0.95	1	1	40.79269
HS15_str_inv	BOBJ1	601.25	Before	Interior Girder 1	56.25	0.95	1	1	29.975535
HS15_str_inv	BOBJ1	601.25	Before	Interior Girder 2	56.25	0.95	1	1	29.975535
HS15_str_inv	BOBJ1	601.25	Before	Right Exterior Girder	56.25	0.95	1	1	40.79269
HS15_str_inv	BOBJ1	601.25	After	Left Exterior Girder	56.25	0.95	1	1	38.606664
HS15_str_inv	BOBJ1	601.25	After	Interior Girder 1	56.25	0.95	1	1	31.290748
HS15_str_inv	BOBJ1	601.25	After	Interior Girder 2	56.25	0.95	1	1	31.290748
HS15_str_inv	BOBJ1	601.25	After	Right Exterior Girder	56.25	0.95	1	1	38.606664
HS15_str_inv	BOBJ1	601.7478	Before	Left Exterior Girder	56.7478	0.95	1	1	38.622067
HS15_str_inv	BOBJ1	601.7478	Before	Interior Girder 1	56.7478	0.95	1	1	31.304307
HS15_str_inv	BOBJ1	601.7478	Before	Interior Girder 2	56.7478	0.95	1	1	31.304307
HS15_str_inv	BOBJ1	601.7478	Before	Right Exterior Girder	56.7478	0.95	1	1	38.622067
HS15_str_inv	BOBJ1	601.7478	After	Left Exterior Girder	56.7478	0.95	1	1	27.751922
HS15_str_inv	BOBJ1	601.7478	After	Interior Girder 1	56.7478	0.95	1	1	21.78247
HS15_str_inv	BOBJ1	601.7478	After	Interior Girder 2	56.7478	0.95	1	1	21.78247
HS15_str_inv	BOBJ1	601.7478	After	Right Exterior Girder	56.7478	0.95	1	1	27.751922
HS15_str_inv	BOBJ1	612.5	Before	Left Exterior Girder	67.5	0.95	1	1	28.05039
HS15_str_inv	BOBJ1	612.5	Before	Interior Girder 1	67.5	0.95	1	1	22.045586
HS15_str_inv	BOBJ1	612.5	Before	Interior Girder 2	67.5	0.95	1	1	22.045586
HS15_str_inv	BOBJ1	612.5	Before	Right Exterior Girder	67.5	0.95	1	1	28.05039
HS15_str_inv	BOBJ1	612.5	After	Left Exterior Girder	67.5	0.95	1	1	30.28374
HS15_str_inv	BOBJ1	612.5	After	Interior Girder 1	67.5	0.95	1	1	22.631893
HS15_str_inv	BOBJ1	612.5	After	Interior Girder 2	67.5	0.95	1	1	22.631893
HS15_str_inv	BOBJ1	612.5	After	Right Exterior Girder	67.5	0.95	1	1	30.28374
HS15_str_inv	BOBJ1	623.75	Before	Left Exterior Girder	78.75	0.95	1	1	30.618272
HS15_str_inv	BOBJ1	623.75	Before	Interior Girder 1	78.75	0.95	1	1	22.912686
HS15_str_inv	BOBJ1	623.75	Before	Interior Girder 2	78.75	0.95	1	1	22.912685
HS15_str_inv	BOBJ1	623.75	Before	Right Exterior Girder	78.75	0.95	1	1	30.618272
HS15_str_inv	BOBJ1	623.75	After	Left Exterior Girder	78.75	0.95	1	1	32.980222
HS15_str_inv	BOBJ1	623.75	After	Interior Girder 1	78.75	0.95	1	1	25.809777
HS15_str_inv	BOBJ1	623.75	After	Interior Girder 2	78.75	0.95	1	1	25.809776
HS15_str_inv	BOBJ1	623.75	After	Right Exterior Girder	78.75	0.95	1	1	32.980222
HS15_str_inv	BOBJ1	635	Before	Left Exterior Girder	90	0.95	1	1	33.338432
HS15_str_inv	BOBJ1	635	Before	Interior Girder 1	90	0.95	1	1	26.124569
HS15_str_inv	BOBJ1	635	Before	Interior Girder 2	90	0.95	1	1	26.124568
HS15_str_inv	BOBJ1	635	Before	Right Exterior Girder	90	0.95	1	1	33.338432
HS15_str_inv	BOBJ1	635	After	Left Exterior Girder	90	0.95	1	1	36.132351
HS15_str_inv	BOBJ1	635	After	Interior Girder 1	90	0.95	1	1	25.121273
HS15_str_inv	BOBJ1	635	After	Interior Girder 2	90	0.95	1	1	25.121271
HS15_str_inv	BOBJ1	635	After	Right Exterior Girder	90	0.95	1	1	36.132352
HS15_str_inv	BOBJ1	643.5619	Before	Left Exterior Girder	98.5619	0.95	1	1	36.425726
HS15_str_inv	BOBJ1	643.5619	Before	Interior Girder 1	98.5619	0.95	1	1	25.350388
HS15_str_inv	BOBJ1	643.5619	Before	Interior Girder 2	98.5619	0.95	1	1	25.350387
HS15_str_inv	BOBJ1	643.5619	Before	Right Exterior Girder	98.5619	0.95	1	1	36.425728

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Main Span Girders									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
HS15_str_inv	BOBJ1	643.5619	After	Left Exterior Girder	98.5619	0.95	1	1	60.806959
HS15_str_inv	BOBJ1	643.5619	After	Interior Girder 1	98.5619	0.95	1	1	42.293324
HS15_str_inv	BOBJ1	643.5619	After	Interior Girder 2	98.5619	0.95	1	1	42.293322
HS15_str_inv	BOBJ1	643.5619	After	Right Exterior Girder	98.5619	0.95	1	1	60.806961
HS15_str_inv	BOBJ1	646.25	Before	Left Exterior Girder	101.25	0.95	1	1	60.922849
HS15_str_inv	BOBJ1	646.25	Before	Interior Girder 1	101.25	0.95	1	1	42.381828
HS15_str_inv	BOBJ1	646.25	Before	Interior Girder 2	101.25	0.95	1	1	42.381826
HS15_str_inv	BOBJ1	646.25	Before	Right Exterior Girder	101.25	0.95	1	1	60.922851
HS15_str_inv	BOBJ1	646.25	After	Left Exterior Girder	101.25	0.95	1	1	67.545428
HS15_str_inv	BOBJ1	646.25	After	Interior Girder 1	101.25	0.95	1	1	48.807611
HS15_str_inv	BOBJ1	646.25	After	Interior Girder 2	101.25	0.95	1	1	48.807608
HS15_str_inv	BOBJ1	646.25	After	Right Exterior Girder	101.25	0.95	1	1	67.54543
HS15_str_inv	BOBJ1	657.5	Before	Left Exterior Girder	112.5	0.95	1	1	68.081689
HS15_str_inv	BOBJ1	657.5	Before	Interior Girder 1	112.5	0.95	1	1	49.233727
HS15_str_inv	BOBJ1	657.5	Before	Interior Girder 2	112.5	0.95	1	1	49.233725
HS15_str_inv	BOBJ1	657.5	Before	Right Exterior Girder	112.5	0.95	1	1	68.081692
HS15_str_inv	BOBJ1	657.5	After	Left Exterior Girder	112.5	0.95	1	1	77.350443
HS15_str_inv	BOBJ1	657.5	After	Interior Girder 1	112.5	0.95	1	1	48.497974
HS15_str_inv	BOBJ1	657.5	After	Interior Girder 2	112.5	0.95	1	1	48.497981
HS15_str_inv	BOBJ1	657.5	After	Right Exterior Girder	112.5	0.95	1	1	77.350437
HS15_str_inv	BOBJ1	668.75	Before	Left Exterior Girder	123.75	0.95	1	1	77.95682
HS15_str_inv	BOBJ1	668.75	Before	Interior Girder 1	123.75	0.95	1	1	48.91625
HS15_str_inv	BOBJ1	668.75	Before	Interior Girder 2	123.75	0.95	1	1	48.916257
HS15_str_inv	BOBJ1	668.75	Before	Right Exterior Girder	123.75	0.95	1	1	77.956813
HS15_str_inv	BOBJ1	668.75	After	Left Exterior Girder	123.75	0.95	1	1	88.406795
HS15_str_inv	BOBJ1	668.75	After	Interior Girder 1	123.75	0.95	1	1	55.869231
HS15_str_inv	BOBJ1	668.75	After	Interior Girder 2	123.75	0.95	1	1	55.869239
HS15_str_inv	BOBJ1	668.75	After	Right Exterior Girder	123.75	0.95	1	1	88.406784
HS15_str_inv	BOBJ1	680	Before	Left Exterior Girder	135	0.95	1	1	89.092109
HS15_str_inv	BOBJ1	680	Before	Interior Girder 1	135	0.95	1	1	56.345668
HS15_str_inv	BOBJ1	680	Before	Interior Girder 2	135	0.95	1	1	56.345676
HS15_str_inv	BOBJ1	680	Before	Right Exterior Girder	135	0.95	1	1	89.092098
HS15_str_inv	BOBJ1	680	After	Left Exterior Girder	135	0.95	1	1	101.149681
HS15_str_inv	BOBJ1	680	After	Interior Girder 1	135	0.95	1	1	55.349756
HS15_str_inv	BOBJ1	680	After	Interior Girder 2	135	0.95	1	1	55.349753
HS15_str_inv	BOBJ1	680	After	Right Exterior Girder	135	0.95	1	1	101.149688
HS15_str_inv	BOBJ1	691.25	Before	Left Exterior Girder	146.25	0.95	1	1	100.39907
HS15_str_inv	BOBJ1	691.25	Before	Interior Girder 1	146.25	0.95	1	1	55.81619
HS15_str_inv	BOBJ1	691.25	Before	Interior Girder 2	146.25	0.95	1	1	55.816187
HS15_str_inv	BOBJ1	691.25	Before	Right Exterior Girder	146.25	0.95	1	1	100.399077
HS15_str_inv	BOBJ1	691.25	After	Left Exterior Girder	146.25	0.95	1	1	87.802066
HS15_str_inv	BOBJ1	691.25	After	Interior Girder 1	146.25	0.95	1	1	54.005809
HS15_str_inv	BOBJ1	691.25	After	Interior Girder 2	146.25	0.95	1	1	54.005812
HS15_str_inv	BOBJ1	691.25	After	Right Exterior Girder	146.25	0.95	1	1	87.802065
HS15_str_inv	BOBJ1	702.5	Before	Left Exterior Girder	157.5	0.95	1	1	87.143462
HS15_str_inv	BOBJ1	702.5	Before	Interior Girder 1	157.5	0.95	1	1	53.560045
HS15_str_inv	BOBJ1	702.5	Before	Interior Girder 2	157.5	0.95	1	1	53.560048
HS15_str_inv	BOBJ1	702.5	Before	Right Exterior Girder	157.5	0.95	1	1	87.143461
HS15_str_inv	BOBJ1	702.5	After	Left Exterior Girder	157.5	0.95	1	1	75.440773
HS15_str_inv	BOBJ1	702.5	After	Interior Girder 1	157.5	0.95	1	1	54.420099
HS15_str_inv	BOBJ1	702.5	After	Interior Girder 2	157.5	0.95	1	1	54.420101
HS15_str_inv	BOBJ1	702.5	After	Right Exterior Girder	157.5	0.95	1	1	75.440766
HS15_str_inv	BOBJ1	713.75	Before	Left Exterior Girder	168.75	0.95	1	1	74.867955
HS15_str_inv	BOBJ1	713.75	Before	Interior Girder 1	168.75	0.95	1	1	53.965667
HS15_str_inv	BOBJ1	713.75	Before	Interior Girder 2	168.75	0.95	1	1	53.965669
HS15_str_inv	BOBJ1	713.75	Before	Right Exterior Girder	168.75	0.95	1	1	74.867948
HS15_str_inv	BOBJ1	713.75	After	Left Exterior Girder	168.75	0.95	1	1	67.09918
HS15_str_inv	BOBJ1	713.75	After	Interior Girder 1	168.75	0.95	1	1	47.19905
HS15_str_inv	BOBJ1	713.75	After	Interior Girder 2	168.75	0.95	1	1	47.19905
HS15_str_inv	BOBJ1	713.75	After	Right Exterior Girder	168.75	0.95	1	1	67.099179
HS15_str_inv	BOBJ1	725	Before	Left Exterior Girder	180	0.95	1	1	66.584062
HS15_str_inv	BOBJ1	725	Before	Interior Girder 1	180	0.95	1	1	46.800537
HS15_str_inv	BOBJ1	725	Before	Interior Girder 2	180	0.95	1	1	46.800537
HS15_str_inv	BOBJ1	725	Before	Right Exterior Girder	180	0.95	1	1	66.58406
HS15_str_inv	BOBJ1	725	After	Left Exterior Girder	180	0.95	1	1	58.882416
HS15_str_inv	BOBJ1	725	After	Interior Girder 1	180	0.95	1	1	45.875378
HS15_str_inv	BOBJ1	725	After	Interior Girder 2	180	0.95	1	1	45.875376
HS15_str_inv	BOBJ1	725	After	Right Exterior Girder	180	0.95	1	1	58.882423

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Main Span Girders									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
HS15_str_inv	BOBJ1	731.1726	Before	Left Exterior Girder	186.1726	0.95	1	1	58.63147
HS15_str_inv	BOBJ1	731.1726	Before	Interior Girder 1	186.1726	0.95	1	1	45.660492
HS15_str_inv	BOBJ1	731.1726	Before	Interior Girder 2	186.1726	0.95	1	1	45.66049
HS15_str_inv	BOBJ1	731.1726	Before	Right Exterior Girder	186.1726	0.95	1	1	58.631476
HS15_str_inv	BOBJ1	731.1726	After	Left Exterior Girder	186.1726	0.95	1	1	34.094273
HS15_str_inv	BOBJ1	731.1726	After	Interior Girder 1	186.1726	0.95	1	1	25.991819
HS15_str_inv	BOBJ1	731.1726	After	Interior Girder 2	186.1726	0.95	1	1	25.991818
HS15_str_inv	BOBJ1	731.1726	After	Right Exterior Girder	186.1726	0.95	1	1	34.094276
HS15_str_inv	BOBJ1	736.25	Before	Left Exterior Girder	191.25	0.95	1	1	33.937081
HS15_str_inv	BOBJ1	736.25	Before	Interior Girder 1	191.25	0.95	1	1	25.857341
HS15_str_inv	BOBJ1	736.25	Before	Interior Girder 2	191.25	0.95	1	1	25.857339
HS15_str_inv	BOBJ1	736.25	Before	Right Exterior Girder	191.25	0.95	1	1	33.937085
HS15_str_inv	BOBJ1	736.25	After	Left Exterior Girder	191.25	0.95	1	1	32.859798
HS15_str_inv	BOBJ1	736.25	After	Interior Girder 1	191.25	0.95	1	1	24.402602
HS15_str_inv	BOBJ1	736.25	After	Interior Girder 2	191.25	0.95	1	1	24.402601
HS15_str_inv	BOBJ1	736.25	After	Right Exterior Girder	191.25	0.95	1	1	32.859799
HS15_str_inv	BOBJ1	747.5	Before	Left Exterior Girder	202.5	0.95	1	1	32.521333
HS15_str_inv	BOBJ1	747.5	Before	Interior Girder 1	202.5	0.95	1	1	24.120399
HS15_str_inv	BOBJ1	747.5	Before	Interior Girder 2	202.5	0.95	1	1	24.120398
HS15_str_inv	BOBJ1	747.5	Before	Right Exterior Girder	202.5	0.95	1	1	32.521334
HS15_str_inv	BOBJ1	747.5	After	Left Exterior Girder	202.5	0.95	1	1	29.365572
HS15_str_inv	BOBJ1	747.5	After	Interior Girder 1	202.5	0.95	1	1	22.140849
HS15_str_inv	BOBJ1	747.5	After	Interior Girder 2	202.5	0.95	1	1	22.140848
HS15_str_inv	BOBJ1	747.5	After	Right Exterior Girder	202.5	0.95	1	1	29.365571
HS15_str_inv	BOBJ1	758.75	Before	Left Exterior Girder	213.75	0.95	1	1	29.057447
HS15_str_inv	BOBJ1	758.75	Before	Interior Girder 1	213.75	0.95	1	1	21.880367
HS15_str_inv	BOBJ1	758.75	Before	Interior Girder 2	213.75	0.95	1	1	21.880366
HS15_str_inv	BOBJ1	758.75	Before	Right Exterior Girder	213.75	0.95	1	1	29.057447
HS15_str_inv	BOBJ1	758.75	After	Left Exterior Girder	213.75	0.95	1	1	26.908313
HS15_str_inv	BOBJ1	758.75	After	Interior Girder 1	213.75	0.95	1	1	18.089767
HS15_str_inv	BOBJ1	758.75	After	Interior Girder 2	213.75	0.95	1	1	18.089765
HS15_str_inv	BOBJ1	758.75	After	Right Exterior Girder	213.75	0.95	1	1	26.908314
HS15_str_inv	BOBJ1	770	Before	Left Exterior Girder	225	0.95	1	1	26.621332
HS15_str_inv	BOBJ1	770	Before	Interior Girder 1	225	0.95	1	1	17.8734
HS15_str_inv	BOBJ1	770	Before	Interior Girder 2	225	0.95	1	1	17.873398
HS15_str_inv	BOBJ1	770	Before	Right Exterior Girder	225	0.95	1	1	26.621333
Lane_str_opr	BOBJ1	0	After	Left Exterior Girder	0	0.95	1	1	40.246665
Lane_str_opr	BOBJ1	0	After	Interior Girder 1	0	0.95	1	1	36.142301
Lane_str_opr	BOBJ1	0	After	Interior Girder 2	0	0.95	1	1	36.142304
Lane_str_opr	BOBJ1	0	After	Right Exterior Girder	0	0.95	1	1	40.246662
Lane_str_opr	BOBJ1	11.25	Before	Left Exterior Girder	11.25	0.95	1	1	40.680529
Lane_str_opr	BOBJ1	11.25	Before	Interior Girder 1	11.25	0.95	1	1	36.579823
Lane_str_opr	BOBJ1	11.25	Before	Interior Girder 2	11.25	0.95	1	1	36.579826
Lane_str_opr	BOBJ1	11.25	Before	Right Exterior Girder	11.25	0.95	1	1	40.680526
Lane_str_opr	BOBJ1	11.25	After	Left Exterior Girder	11.25	0.95	1	1	44.340539
Lane_str_opr	BOBJ1	11.25	After	Interior Girder 1	11.25	0.95	1	1	42.39506
Lane_str_opr	BOBJ1	11.25	After	Interior Girder 2	11.25	0.95	1	1	42.395063
Lane_str_opr	BOBJ1	11.25	After	Right Exterior Girder	11.25	0.95	1	1	44.340535
Lane_str_opr	BOBJ1	22.5	Before	Left Exterior Girder	22.5	0.95	1	1	44.810724
Lane_str_opr	BOBJ1	22.5	Before	Interior Girder 1	22.5	0.95	1	1	42.899767
Lane_str_opr	BOBJ1	22.5	Before	Interior Girder 2	22.5	0.95	1	1	42.899771
Lane_str_opr	BOBJ1	22.5	Before	Right Exterior Girder	22.5	0.95	1	1	44.810721
Lane_str_opr	BOBJ1	22.5	After	Left Exterior Girder	22.5	0.95	1	1	52.118879
Lane_str_opr	BOBJ1	22.5	After	Interior Girder 1	22.5	0.95	1	1	48.111563
Lane_str_opr	BOBJ1	22.5	After	Interior Girder 2	22.5	0.95	1	1	48.111561
Lane_str_opr	BOBJ1	22.5	After	Right Exterior Girder	22.5	0.95	1	1	52.118878
Lane_str_opr	BOBJ1	33.75	Before	Left Exterior Girder	33.75	0.95	1	1	52.661305
Lane_str_opr	BOBJ1	33.75	Before	Interior Girder 1	33.75	0.95	1	1	48.674457
Lane_str_opr	BOBJ1	33.75	Before	Interior Girder 2	33.75	0.95	1	1	48.674455
Lane_str_opr	BOBJ1	33.75	Before	Right Exterior Girder	33.75	0.95	1	1	52.661304
Lane_str_opr	BOBJ1	33.75	After	Left Exterior Girder	33.75	0.95	1	1	56.162601
Lane_str_opr	BOBJ1	33.75	After	Interior Girder 1	33.75	0.95	1	1	53.191235
Lane_str_opr	BOBJ1	33.75	After	Interior Girder 2	33.75	0.95	1	1	53.191231
Lane_str_opr	BOBJ1	33.75	After	Right Exterior Girder	33.75	0.95	1	1	56.162602
Lane_str_opr	BOBJ1	38.8274	Before	Left Exterior Girder	38.8274	0.95	1	1	56.422738
Lane_str_opr	BOBJ1	38.8274	Before	Interior Girder 1	38.8274	0.95	1	1	53.467872
Lane_str_opr	BOBJ1	38.8274	Before	Interior Girder 2	38.8274	0.95	1	1	53.467868
Lane_str_opr	BOBJ1	38.8274	Before	Right Exterior Girder	38.8274	0.95	1	1	56.422739

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Main Span Girders									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Lane_str_opr	BOBJ1	38.8274	After	Left Exterior Girder	38.8274	0.95	1	1	97.389998
Lane_str_opr	BOBJ1	38.8274	After	Interior Girder 1	38.8274	0.95	1	1	92.764418
Lane_str_opr	BOBJ1	38.8274	After	Interior Girder 2	38.8274	0.95	1	1	92.764412
Lane_str_opr	BOBJ1	38.8274	After	Right Exterior Girder	38.8274	0.95	1	1	97.389998
Lane_str_opr	BOBJ1	45	Before	Left Exterior Girder	45	0.95	1	1	97.806834
Lane_str_opr	BOBJ1	45	Before	Interior Girder 1	45	0.95	1	1	93.200983
Lane_str_opr	BOBJ1	45	Before	Interior Girder 2	45	0.95	1	1	93.200977
Lane_str_opr	BOBJ1	45	Before	Right Exterior Girder	45	0.95	1	1	97.806834
Lane_str_opr	BOBJ1	45	After	Left Exterior Girder	45	0.95	1	1	118.532189
Lane_str_opr	BOBJ1	45	After	Interior Girder 1	45	0.95	1	1	102.273959
Lane_str_opr	BOBJ1	45	After	Interior Girder 2	45	0.95	1	1	102.27395
Lane_str_opr	BOBJ1	45	After	Right Exterior Girder	45	0.95	1	1	118.532188
Lane_str_opr	BOBJ1	56.25	Before	Left Exterior Girder	56.25	0.95	1	1	119.449197
Lane_str_opr	BOBJ1	56.25	Before	Interior Girder 1	56.25	0.95	1	1	103.144835
Lane_str_opr	BOBJ1	56.25	Before	Interior Girder 2	56.25	0.95	1	1	103.144826
Lane_str_opr	BOBJ1	56.25	Before	Right Exterior Girder	56.25	0.95	1	1	119.449195
Lane_str_opr	BOBJ1	56.25	After	Left Exterior Girder	56.25	0.95	1	1	136.738799
Lane_str_opr	BOBJ1	56.25	After	Interior Girder 1	56.25	0.95	1	1	120.768303
Lane_str_opr	BOBJ1	56.25	After	Interior Girder 2	56.25	0.95	1	1	120.768293
Lane_str_opr	BOBJ1	56.25	After	Right Exterior Girder	56.25	0.95	1	1	136.738793
Lane_str_opr	BOBJ1	67.5	Before	Left Exterior Girder	67.5	0.95	1	1	137.784993
Lane_str_opr	BOBJ1	67.5	Before	Interior Girder 1	67.5	0.95	1	1	121.785265
Lane_str_opr	BOBJ1	67.5	Before	Interior Girder 2	67.5	0.95	1	1	121.785254
Lane_str_opr	BOBJ1	67.5	Before	Right Exterior Girder	67.5	0.95	1	1	137.784987
Lane_str_opr	BOBJ1	67.5	After	Left Exterior Girder	67.5	0.95	1	1	183.334306
Lane_str_opr	BOBJ1	67.5	After	Interior Girder 1	67.5	0.95	1	1	136.805976
Lane_str_opr	BOBJ1	67.5	After	Interior Girder 2	67.5	0.95	1	1	136.805987
Lane_str_opr	BOBJ1	67.5	After	Right Exterior Girder	67.5	0.95	1	1	183.334246
Lane_str_opr	BOBJ1	78.75	Before	Left Exterior Girder	78.75	0.95	1	1	184.719892
Lane_str_opr	BOBJ1	78.75	Before	Interior Girder 1	78.75	0.95	1	1	137.944572
Lane_str_opr	BOBJ1	78.75	Before	Interior Girder 2	78.75	0.95	1	1	137.944583
Lane_str_opr	BOBJ1	78.75	Before	Right Exterior Girder	78.75	0.95	1	1	184.719832
Lane_str_opr	BOBJ1	78.75	After	Left Exterior Girder	78.75	0.95	1	1	179.060444
Lane_str_opr	BOBJ1	78.75	After	Interior Girder 1	78.75	0.95	1	1	127.030822
Lane_str_opr	BOBJ1	78.75	After	Interior Girder 2	78.75	0.95	1	1	127.030818
Lane_str_opr	BOBJ1	78.75	After	Right Exterior Girder	78.75	0.95	1	1	179.060449
Lane_str_opr	BOBJ1	90	Before	Left Exterior Girder	90	0.95	1	1	177.699945
Lane_str_opr	BOBJ1	90	Before	Interior Girder 1	90	0.95	1	1	125.969275
Lane_str_opr	BOBJ1	90	Before	Interior Girder 2	90	0.95	1	1	125.969271
Lane_str_opr	BOBJ1	90	Before	Right Exterior Girder	90	0.95	1	1	177.69995
Lane_str_opr	BOBJ1	90	After	Left Exterior Girder	90	0.95	1	1	148.029447
Lane_str_opr	BOBJ1	90	After	Interior Girder 1	90	0.95	1	1	118.616727
Lane_str_opr	BOBJ1	90	After	Interior Girder 2	90	0.95	1	1	118.616717
Lane_str_opr	BOBJ1	90	After	Right Exterior Girder	90	0.95	1	1	148.029464
Lane_str_opr	BOBJ1	101.25	Before	Left Exterior Girder	101.25	0.95	1	1	146.890774
Lane_str_opr	BOBJ1	101.25	Before	Interior Girder 1	101.25	0.95	1	1	117.613751
Lane_str_opr	BOBJ1	101.25	Before	Interior Girder 2	101.25	0.95	1	1	117.613741
Lane_str_opr	BOBJ1	101.25	Before	Right Exterior Girder	101.25	0.95	1	1	146.890791
Lane_str_opr	BOBJ1	101.25	After	Left Exterior Girder	101.25	0.95	1	1	129.948973
Lane_str_opr	BOBJ1	101.25	After	Interior Girder 1	101.25	0.95	1	1	100.850688
Lane_str_opr	BOBJ1	101.25	After	Interior Girder 2	101.25	0.95	1	1	100.85068
Lane_str_opr	BOBJ1	101.25	After	Right Exterior Girder	101.25	0.95	1	1	129.948986
Lane_str_opr	BOBJ1	112.5	Before	Left Exterior Girder	112.5	0.95	1	1	128.938183
Lane_str_opr	BOBJ1	112.5	Before	Interior Girder 1	112.5	0.95	1	1	99.988329
Lane_str_opr	BOBJ1	112.5	Before	Interior Girder 2	112.5	0.95	1	1	99.98832
Lane_str_opr	BOBJ1	112.5	Before	Right Exterior Girder	112.5	0.95	1	1	128.938195
Lane_str_opr	BOBJ1	112.5	After	Left Exterior Girder	112.5	0.95	1	1	105.451934
Lane_str_opr	BOBJ1	112.5	After	Interior Girder 1	112.5	0.95	1	1	92.48445
Lane_str_opr	BOBJ1	112.5	After	Interior Girder 2	112.5	0.95	1	1	92.484449
Lane_str_opr	BOBJ1	112.5	After	Right Exterior Girder	112.5	0.95	1	1	105.451933
Lane_str_opr	BOBJ1	123.75	Before	Left Exterior Girder	123.75	0.95	1	1	104.621316
Lane_str_opr	BOBJ1	123.75	Before	Interior Girder 1	123.75	0.95	1	1	91.684
Lane_str_opr	BOBJ1	123.75	Before	Interior Girder 2	123.75	0.95	1	1	91.683999
Lane_str_opr	BOBJ1	123.75	Before	Right Exterior Girder	123.75	0.95	1	1	104.621315
Lane_str_opr	BOBJ1	123.75	After	Left Exterior Girder	123.75	0.95	1	1	95.740165
Lane_str_opr	BOBJ1	123.75	After	Interior Girder 1	123.75	0.95	1	1	83.1751
Lane_str_opr	BOBJ1	123.75	After	Interior Girder 2	123.75	0.95	1	1	83.1751
Lane_str_opr	BOBJ1	123.75	After	Right Exterior Girder	123.75	0.95	1	1	95.740163

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Main Span Girders									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Lane_str_opr	BOBJ1	126.4381	Before	Left Exterior Girder	126.4381	0.95	1	1	95.558044
Lane_str_opr	BOBJ1	126.4381	Before	Interior Girder 1	126.4381	0.95	1	1	83.001411
Lane_str_opr	BOBJ1	126.4381	Before	Interior Girder 2	126.4381	0.95	1	1	83.001411
Lane_str_opr	BOBJ1	126.4381	Before	Right Exterior Girder	126.4381	0.95	1	1	95.558042
Lane_str_opr	BOBJ1	126.4381	After	Left Exterior Girder	126.4381	0.95	1	1	55.633375
Lane_str_opr	BOBJ1	126.4381	After	Interior Girder 1	126.4381	0.95	1	1	47.287164
Lane_str_opr	BOBJ1	126.4381	After	Interior Girder 2	126.4381	0.95	1	1	47.287164
Lane_str_opr	BOBJ1	126.4381	After	Right Exterior Girder	126.4381	0.95	1	1	55.633374
Lane_str_opr	BOBJ1	135	Before	Left Exterior Girder	135	0.95	1	1	55.1853
Lane_str_opr	BOBJ1	135	Before	Interior Girder 1	135	0.95	1	1	46.859785
Lane_str_opr	BOBJ1	135	Before	Interior Girder 2	135	0.95	1	1	46.859785
Lane_str_opr	BOBJ1	135	Before	Right Exterior Girder	135	0.95	1	1	55.185299
Lane_str_opr	BOBJ1	135	After	Left Exterior Girder	135	0.95	1	1	47.315162
Lane_str_opr	BOBJ1	135	After	Interior Girder 1	135	0.95	1	1	43.760194
Lane_str_opr	BOBJ1	135	After	Interior Girder 2	135	0.95	1	1	43.760194
Lane_str_opr	BOBJ1	135	After	Right Exterior Girder	135	0.95	1	1	47.315161
Lane_str_opr	BOBJ1	146.25	Before	Left Exterior Girder	146.25	0.95	1	1	46.806777
Lane_str_opr	BOBJ1	146.25	Before	Interior Girder 1	146.25	0.95	1	1	43.232899
Lane_str_opr	BOBJ1	146.25	Before	Interior Girder 2	146.25	0.95	1	1	43.2329
Lane_str_opr	BOBJ1	146.25	Before	Right Exterior Girder	146.25	0.95	1	1	46.806776
Lane_str_opr	BOBJ1	146.25	After	Left Exterior Girder	146.25	0.95	1	1	42.630224
Lane_str_opr	BOBJ1	146.25	After	Interior Girder 1	146.25	0.95	1	1	38.291801
Lane_str_opr	BOBJ1	146.25	After	Interior Girder 2	146.25	0.95	1	1	38.291801
Lane_str_opr	BOBJ1	146.25	After	Right Exterior Girder	146.25	0.95	1	1	42.630223
Lane_str_opr	BOBJ1	157.5	Before	Left Exterior Girder	157.5	0.95	1	1	42.164451
Lane_str_opr	BOBJ1	157.5	Before	Interior Girder 1	157.5	0.95	1	1	37.822538
Lane_str_opr	BOBJ1	157.5	Before	Interior Girder 2	157.5	0.95	1	1	37.822539
Lane_str_opr	BOBJ1	157.5	Before	Right Exterior Girder	157.5	0.95	1	1	42.16445
Lane_str_opr	BOBJ1	157.5	After	Left Exterior Girder	157.5	0.95	1	1	36.943494
Lane_str_opr	BOBJ1	157.5	After	Interior Girder 1	157.5	0.95	1	1	34.193327
Lane_str_opr	BOBJ1	157.5	After	Interior Girder 2	157.5	0.95	1	1	34.193329
Lane_str_opr	BOBJ1	157.5	After	Right Exterior Girder	157.5	0.95	1	1	36.943494
Lane_str_opr	BOBJ1	168.2522	Before	Left Exterior Girder	168.2522	0.95	1	1	36.550399
Lane_str_opr	BOBJ1	168.2522	Before	Interior Girder 1	168.2522	0.95	1	1	33.785228
Lane_str_opr	BOBJ1	168.2522	Before	Interior Girder 2	168.2522	0.95	1	1	33.785229
Lane_str_opr	BOBJ1	168.2522	Before	Right Exterior Girder	168.2522	0.95	1	1	36.5504
Lane_str_opr	BOBJ1	168.2522	After	Left Exterior Girder	168.2522	0.95	1	1	50.444195
Lane_str_opr	BOBJ1	168.2522	After	Interior Girder 1	168.2522	0.95	1	1	49.546052
Lane_str_opr	BOBJ1	168.2522	After	Interior Girder 2	168.2522	0.95	1	1	49.546054
Lane_str_opr	BOBJ1	168.2522	After	Right Exterior Girder	168.2522	0.95	1	1	50.444195
Lane_str_opr	BOBJ1	168.75	Before	Left Exterior Girder	168.75	0.95	1	1	50.424077
Lane_str_opr	BOBJ1	168.75	Before	Interior Girder 1	168.75	0.95	1	1	49.524593
Lane_str_opr	BOBJ1	168.75	Before	Interior Girder 2	168.75	0.95	1	1	49.524595
Lane_str_opr	BOBJ1	168.75	Before	Right Exterior Girder	168.75	0.95	1	1	50.424077
Lane_str_opr	BOBJ1	168.75	After	Left Exterior Girder	168.75	0.95	1	1	52.650079
Lane_str_opr	BOBJ1	168.75	After	Interior Girder 1	168.75	0.95	1	1	46.98073
Lane_str_opr	BOBJ1	168.75	After	Interior Girder 2	168.75	0.95	1	1	46.980732
Lane_str_opr	BOBJ1	168.75	After	Right Exterior Girder	168.75	0.95	1	1	52.650079
Lane_str_opr	BOBJ1	180	Before	Left Exterior Girder	180	0.95	1	1	52.17739
Lane_str_opr	BOBJ1	180	Before	Interior Girder 1	180	0.95	1	1	46.516945
Lane_str_opr	BOBJ1	180	Before	Interior Girder 2	180	0.95	1	1	46.516947
Lane_str_opr	BOBJ1	180	Before	Right Exterior Girder	180	0.95	1	1	52.17739
Lane_str_opr	BOBJ1	180	After	Left Exterior Girder	180	0.95	1	1	47.986848
Lane_str_opr	BOBJ1	180	After	Interior Girder 1	180	0.95	1	1	43.308603
Lane_str_opr	BOBJ1	180	After	Interior Girder 2	180	0.95	1	1	43.308604
Lane_str_opr	BOBJ1	180	After	Right Exterior Girder	180	0.95	1	1	47.986848
Lane_str_opr	BOBJ1	183.1858	Before	Left Exterior Girder	183.1858	0.95	1	1	47.863175
Lane_str_opr	BOBJ1	183.1858	Before	Interior Girder 1	183.1858	0.95	1	1	43.186016
Lane_str_opr	BOBJ1	183.1858	Before	Interior Girder 2	183.1858	0.95	1	1	43.186018
Lane_str_opr	BOBJ1	183.1858	Before	Right Exterior Girder	183.1858	0.95	1	1	47.863175
Lane_str_opr	BOBJ1	183.1858	After	Left Exterior Girder	183.1858	0.95	1	1	74.207559
Lane_str_opr	BOBJ1	183.1858	After	Interior Girder 1	183.1858	0.95	1	1	65.257828
Lane_str_opr	BOBJ1	183.1858	After	Interior Girder 2	183.1858	0.95	1	1	65.257829
Lane_str_opr	BOBJ1	183.1858	After	Right Exterior Girder	183.1858	0.95	1	1	74.207559
Lane_str_opr	BOBJ1	191.25	Before	Left Exterior Girder	191.25	0.95	1	1	73.821223
Lane_str_opr	BOBJ1	191.25	Before	Interior Girder 1	191.25	0.95	1	1	64.891328
Lane_str_opr	BOBJ1	191.25	Before	Interior Girder 2	191.25	0.95	1	1	64.891328
Lane_str_opr	BOBJ1	191.25	Before	Right Exterior Girder	191.25	0.95	1	1	73.821223

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Main Span Girders									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Lane_str_opr	BOBJ1	191.25	After	Left Exterior Girder	191.25	0.95	1	1	69.870453
Lane_str_opr	BOBJ1	191.25	After	Interior Girder 1	191.25	0.95	1	1	59.285767
Lane_str_opr	BOBJ1	191.25	After	Interior Girder 2	191.25	0.95	1	1	59.285768
Lane_str_opr	BOBJ1	191.25	After	Right Exterior Girder	191.25	0.95	1	1	69.870453
Lane_str_opr	BOBJ1	199.9414	Before	Left Exterior Girder	199.9414	0.95	1	1	69.475608
Lane_str_opr	BOBJ1	199.9414	Before	Interior Girder 1	199.9414	0.95	1	1	58.924274
Lane_str_opr	BOBJ1	199.9414	Before	Interior Girder 2	199.9414	0.95	1	1	58.924274
Lane_str_opr	BOBJ1	199.9414	Before	Right Exterior Girder	199.9414	0.95	1	1	69.475608
Lane_str_opr	BOBJ1	199.9414	After	Left Exterior Girder	199.9414	0.95	1	1	88.40484
Lane_str_opr	BOBJ1	199.9414	After	Interior Girder 1	199.9414	0.95	1	1	73.189247
Lane_str_opr	BOBJ1	199.9414	After	Interior Girder 2	199.9414	0.95	1	1	73.189247
Lane_str_opr	BOBJ1	199.9414	After	Right Exterior Girder	199.9414	0.95	1	1	88.40484
Lane_str_opr	BOBJ1	202.5	Before	Left Exterior Girder	202.5	0.95	1	1	88.272638
Lane_str_opr	BOBJ1	202.5	Before	Interior Girder 1	202.5	0.95	1	1	73.072553
Lane_str_opr	BOBJ1	202.5	Before	Interior Girder 2	202.5	0.95	1	1	73.072553
Lane_str_opr	BOBJ1	202.5	Before	Right Exterior Girder	202.5	0.95	1	1	88.272638
Lane_str_opr	BOBJ1	202.5	After	Left Exterior Girder	202.5	0.95	1	1	85.711854
Lane_str_opr	BOBJ1	202.5	After	Interior Girder 1	202.5	0.95	1	1	69.810992
Lane_str_opr	BOBJ1	202.5	After	Interior Girder 2	202.5	0.95	1	1	69.810992
Lane_str_opr	BOBJ1	202.5	After	Right Exterior Girder	202.5	0.95	1	1	85.711854
Lane_str_opr	BOBJ1	210.5642	Before	Left Exterior Girder	210.5642	0.95	1	1	85.30686
Lane_str_opr	BOBJ1	210.5642	Before	Interior Girder 1	210.5642	0.95	1	1	69.458972
Lane_str_opr	BOBJ1	210.5642	Before	Interior Girder 2	210.5642	0.95	1	1	69.458972
Lane_str_opr	BOBJ1	210.5642	Before	Right Exterior Girder	210.5642	0.95	1	1	85.30686
Lane_str_opr	BOBJ1	210.5642	After	Left Exterior Girder	210.5642	0.95	1	1	102.804911
Lane_str_opr	BOBJ1	210.5642	After	Interior Girder 1	210.5642	0.95	1	1	81.346082
Lane_str_opr	BOBJ1	210.5642	After	Interior Girder 2	210.5642	0.95	1	1	81.346082
Lane_str_opr	BOBJ1	210.5642	After	Right Exterior Girder	210.5642	0.95	1	1	102.804911
Lane_str_opr	BOBJ1	213.75	Before	Left Exterior Girder	213.75	0.95	1	1	102.626288
Lane_str_opr	BOBJ1	213.75	Before	Interior Girder 1	213.75	0.95	1	1	81.196522
Lane_str_opr	BOBJ1	213.75	Before	Interior Girder 2	213.75	0.95	1	1	81.196522
Lane_str_opr	BOBJ1	213.75	Before	Right Exterior Girder	213.75	0.95	1	1	102.626288
Lane_str_opr	BOBJ1	213.75	After	Left Exterior Girder	213.75	0.95	1	1	98.932461
Lane_str_opr	BOBJ1	213.75	After	Interior Girder 1	213.75	0.95	1	1	75.695356
Lane_str_opr	BOBJ1	213.75	After	Interior Girder 2	213.75	0.95	1	1	75.695356
Lane_str_opr	BOBJ1	213.75	After	Right Exterior Girder	213.75	0.95	1	1	98.932462
Lane_str_opr	BOBJ1	225	Before	Left Exterior Girder	225	0.95	1	1	98.323906
Lane_str_opr	BOBJ1	225	Before	Interior Girder 1	225	0.95	1	1	75.202512
Lane_str_opr	BOBJ1	225	Before	Interior Girder 2	225	0.95	1	1	75.202512
Lane_str_opr	BOBJ1	225	Before	Right Exterior Girder	225	0.95	1	1	98.323906
Lane_str_opr	BOBJ1	225	After	Left Exterior Girder	0	0.95	1	1	81.903617
Lane_str_opr	BOBJ1	225	After	Interior Girder 1	0	0.95	1	1	66.746259
Lane_str_opr	BOBJ1	225	After	Interior Girder 2	0	0.95	1	1	66.74626
Lane_str_opr	BOBJ1	225	After	Right Exterior Girder	0	0.95	1	1	81.903617
Lane_str_opr	BOBJ1	236.45	Before	Left Exterior Girder	11.45	0.95	1	1	84.635444
Lane_str_opr	BOBJ1	236.45	Before	Interior Girder 1	11.45	0.95	1	1	71.081526
Lane_str_opr	BOBJ1	236.45	Before	Interior Girder 2	11.45	0.95	1	1	71.081527
Lane_str_opr	BOBJ1	236.45	Before	Right Exterior Girder	11.45	0.95	1	1	84.635444
Lane_str_opr	BOBJ1	236.45	After	Left Exterior Girder	11.45	0.95	1	1	86.260277
Lane_str_opr	BOBJ1	236.45	After	Interior Girder 1	11.45	0.95	1	1	73.773965
Lane_str_opr	BOBJ1	236.45	After	Interior Girder 2	11.45	0.95	1	1	73.773965
Lane_str_opr	BOBJ1	236.45	After	Right Exterior Girder	11.45	0.95	1	1	86.260277
Lane_str_opr	BOBJ1	239.5082	Before	Left Exterior Girder	14.5082	0.95	1	1	86.405917
Lane_str_opr	BOBJ1	239.5082	Before	Interior Girder 1	14.5082	0.95	1	1	73.905719
Lane_str_opr	BOBJ1	239.5082	Before	Interior Girder 2	14.5082	0.95	1	1	73.905719
Lane_str_opr	BOBJ1	239.5082	Before	Right Exterior Girder	14.5082	0.95	1	1	86.405916
Lane_str_opr	BOBJ1	239.5082	After	Left Exterior Girder	14.5082	0.95	1	1	71.242258
Lane_str_opr	BOBJ1	239.5082	After	Interior Girder 1	14.5082	0.95	1	1	62.683129
Lane_str_opr	BOBJ1	239.5082	After	Interior Girder 2	14.5082	0.95	1	1	62.683129
Lane_str_opr	BOBJ1	239.5082	After	Right Exterior Girder	14.5082	0.95	1	1	71.242257
Lane_str_opr	BOBJ1	247.9	Before	Left Exterior Girder	22.9	0.95	1	1	71.598852
Lane_str_opr	BOBJ1	247.9	Before	Interior Girder 1	22.9	0.95	1	1	63.017914
Lane_str_opr	BOBJ1	247.9	Before	Interior Girder 2	22.9	0.95	1	1	63.017915
Lane_str_opr	BOBJ1	247.9	Before	Right Exterior Girder	22.9	0.95	1	1	71.598852
Lane_str_opr	BOBJ1	247.9	After	Left Exterior Girder	22.9	0.95	1	1	75.728419
Lane_str_opr	BOBJ1	247.9	After	Interior Girder 1	22.9	0.95	1	1	68.93494
Lane_str_opr	BOBJ1	247.9	After	Interior Girder 2	22.9	0.95	1	1	68.93494
Lane_str_opr	BOBJ1	247.9	After	Right Exterior Girder	22.9	0.95	1	1	75.728418

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Main Span Girders									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Lane_str_opr	BOBJ1	258.5189	Before	Left Exterior Girder	33.5189	0.95	1	1	76.204588
Lane_str_opr	BOBJ1	258.5189	Before	Interior Girder 1	33.5189	0.95	1	1	69.397419
Lane_str_opr	BOBJ1	258.5189	Before	Interior Girder 2	33.5189	0.95	1	1	69.397419
Lane_str_opr	BOBJ1	258.5189	Before	Right Exterior Girder	33.5189	0.95	1	1	76.204587
Lane_str_opr	BOBJ1	258.5189	After	Left Exterior Girder	33.5189	0.95	1	1	57.906313
Lane_str_opr	BOBJ1	258.5189	After	Interior Girder 1	33.5189	0.95	1	1	56.867178
Lane_str_opr	BOBJ1	258.5189	After	Interior Girder 2	33.5189	0.95	1	1	56.867178
Lane_str_opr	BOBJ1	258.5189	After	Right Exterior Girder	33.5189	0.95	1	1	57.906313
Lane_str_opr	BOBJ1	259.3	Before	Left Exterior Girder	34.3	0.95	1	1	57.936275
Lane_str_opr	BOBJ1	259.3	Before	Interior Girder 1	34.3	0.95	1	1	56.898706
Lane_str_opr	BOBJ1	259.3	Before	Interior Girder 2	34.3	0.95	1	1	56.898706
Lane_str_opr	BOBJ1	259.3	Before	Right Exterior Girder	34.3	0.95	1	1	57.936275
Lane_str_opr	BOBJ1	259.3	After	Left Exterior Girder	34.3	0.95	1	1	60.223848
Lane_str_opr	BOBJ1	259.3	After	Interior Girder 1	34.3	0.95	1	1	56.257456
Lane_str_opr	BOBJ1	259.3	After	Interior Girder 2	34.3	0.95	1	1	56.257456
Lane_str_opr	BOBJ1	259.3	After	Right Exterior Girder	34.3	0.95	1	1	60.223848
Lane_str_opr	BOBJ1	266.1031	Before	Left Exterior Girder	41.1031	0.95	1	1	60.49396
Lane_str_opr	BOBJ1	266.1031	Before	Interior Girder 1	41.1031	0.95	1	1	56.52963
Lane_str_opr	BOBJ1	266.1031	Before	Interior Girder 2	41.1031	0.95	1	1	56.52963
Lane_str_opr	BOBJ1	266.1031	Before	Right Exterior Girder	41.1031	0.95	1	1	60.49396
Lane_str_opr	BOBJ1	266.1031	After	Left Exterior Girder	41.1031	0.95	1	1	38.508347
Lane_str_opr	BOBJ1	266.1031	After	Interior Girder 1	41.1031	0.95	1	1	36.727668
Lane_str_opr	BOBJ1	266.1031	After	Interior Girder 2	41.1031	0.95	1	1	36.727668
Lane_str_opr	BOBJ1	266.1031	After	Right Exterior Girder	41.1031	0.95	1	1	38.508347
Lane_str_opr	BOBJ1	270.7	Before	Left Exterior Girder	45.7	0.95	1	1	38.65568
Lane_str_opr	BOBJ1	270.7	Before	Interior Girder 1	45.7	0.95	1	1	36.882109
Lane_str_opr	BOBJ1	270.7	Before	Interior Girder 2	45.7	0.95	1	1	36.882109
Lane_str_opr	BOBJ1	270.7	Before	Right Exterior Girder	45.7	0.95	1	1	38.65568
Lane_str_opr	BOBJ1	270.7	After	Left Exterior Girder	45.7	0.95	1	1	40.131172
Lane_str_opr	BOBJ1	270.7	After	Interior Girder 1	45.7	0.95	1	1	37.99911
Lane_str_opr	BOBJ1	270.7	After	Interior Girder 2	45.7	0.95	1	1	37.99911
Lane_str_opr	BOBJ1	270.7	After	Right Exterior Girder	45.7	0.95	1	1	40.131173
Lane_str_opr	BOBJ1	273.6874	Before	Left Exterior Girder	48.6874	0.95	1	1	40.230386
Lane_str_opr	BOBJ1	273.6874	Before	Interior Girder 1	48.6874	0.95	1	1	38.102194
Lane_str_opr	BOBJ1	273.6874	Before	Interior Girder 2	48.6874	0.95	1	1	38.102194
Lane_str_opr	BOBJ1	273.6874	Before	Right Exterior Girder	48.6874	0.95	1	1	40.230386
Lane_str_opr	BOBJ1	273.6874	After	Left Exterior Girder	48.6874	0.95	1	1	26.245422
Lane_str_opr	BOBJ1	273.6874	After	Interior Girder 1	48.6874	0.95	1	1	25.204899
Lane_str_opr	BOBJ1	273.6874	After	Interior Girder 2	48.6874	0.95	1	1	25.204899
Lane_str_opr	BOBJ1	273.6874	After	Right Exterior Girder	48.6874	0.95	1	1	26.245422
Lane_str_opr	BOBJ1	282.15	Before	Left Exterior Girder	57.15	0.95	1	1	26.480239
Lane_str_opr	BOBJ1	282.15	Before	Interior Girder 1	57.15	0.95	1	1	25.457853
Lane_str_opr	BOBJ1	282.15	Before	Interior Girder 2	57.15	0.95	1	1	25.457853
Lane_str_opr	BOBJ1	282.15	Before	Right Exterior Girder	57.15	0.95	1	1	26.480239
Lane_str_opr	BOBJ1	282.15	After	Left Exterior Girder	57.15	0.95	1	1	27.575406
Lane_str_opr	BOBJ1	282.15	After	Interior Girder 1	57.15	0.95	1	1	27.049476
Lane_str_opr	BOBJ1	282.15	After	Interior Girder 2	57.15	0.95	1	1	27.049476
Lane_str_opr	BOBJ1	282.15	After	Right Exterior Girder	57.15	0.95	1	1	27.575406
Lane_str_opr	BOBJ1	293.6	Before	Left Exterior Girder	68.6	0.95	1	1	28.847948
Lane_str_opr	BOBJ1	293.6	Before	Interior Girder 1	68.6	0.95	1	1	28.763356
Lane_str_opr	BOBJ1	293.6	Before	Interior Girder 2	68.6	0.95	1	1	28.763356
Lane_str_opr	BOBJ1	293.6	Before	Right Exterior Girder	68.6	0.95	1	1	28.847948
Lane_str_opr	BOBJ1	293.6	After	Left Exterior Girder	68.6	0.95	1	1	31.204888
Lane_str_opr	BOBJ1	293.6	After	Interior Girder 1	68.6	0.95	1	1	29.94856
Lane_str_opr	BOBJ1	293.6	After	Interior Girder 2	68.6	0.95	1	1	29.94856
Lane_str_opr	BOBJ1	293.6	After	Right Exterior Girder	68.6	0.95	1	1	31.204889
Lane_str_opr	BOBJ1	305	Before	Left Exterior Girder	80	0.95	1	1	32.779513
Lane_str_opr	BOBJ1	305	Before	Interior Girder 1	80	0.95	1	1	31.896003
Lane_str_opr	BOBJ1	305	Before	Interior Girder 2	80	0.95	1	1	31.896002
Lane_str_opr	BOBJ1	305	Before	Right Exterior Girder	80	0.95	1	1	32.779514
Lane_str_opr	BOBJ1	305	After	Left Exterior Girder	80	0.95	1	1	32.651264
Lane_str_opr	BOBJ1	305	After	Interior Girder 1	80	0.95	1	1	33.436097
Lane_str_opr	BOBJ1	305	After	Interior Girder 2	80	0.95	1	1	33.436096
Lane_str_opr	BOBJ1	305	After	Right Exterior Girder	80	0.95	1	1	32.651267
Lane_str_opr	BOBJ1	306.9561	Before	Left Exterior Girder	81.9561	0.95	1	1	32.715718
Lane_str_opr	BOBJ1	306.9561	Before	Interior Girder 1	81.9561	0.95	1	1	33.509589
Lane_str_opr	BOBJ1	306.9561	Before	Interior Girder 2	81.9561	0.95	1	1	33.509588
Lane_str_opr	BOBJ1	306.9561	Before	Right Exterior Girder	81.9561	0.95	1	1	32.71572

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Main Span Girders									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Lane_str_opr	BOBJ1	306.9561	After	Left Exterior Girder	81.9561	0.95	1	1	59.048411
Lane_str_opr	BOBJ1	306.9561	After	Interior Girder 1	81.9561	0.95	1	1	58.703419
Lane_str_opr	BOBJ1	306.9561	After	Interior Girder 2	81.9561	0.95	1	1	58.703418
Lane_str_opr	BOBJ1	306.9561	After	Right Exterior Girder	81.9561	0.95	1	1	59.048415
Lane_str_opr	BOBJ1	316.4	Before	Left Exterior Girder	91.4	0.95	1	1	59.473101
Lane_str_opr	BOBJ1	316.4	Before	Interior Girder 1	91.4	0.95	1	1	59.166148
Lane_str_opr	BOBJ1	316.4	Before	Interior Girder 2	91.4	0.95	1	1	59.166147
Lane_str_opr	BOBJ1	316.4	Before	Right Exterior Girder	91.4	0.95	1	1	59.473104
Lane_str_opr	BOBJ1	316.4	After	Left Exterior Girder	91.4	0.95	1	1	66.376846
Lane_str_opr	BOBJ1	316.4	After	Interior Girder 1	91.4	0.95	1	1	62.083289
Lane_str_opr	BOBJ1	316.4	After	Interior Girder 2	91.4	0.95	1	1	62.083289
Lane_str_opr	BOBJ1	316.4	After	Right Exterior Girder	91.4	0.95	1	1	66.376849
Lane_str_opr	BOBJ1	327.85	Before	Left Exterior Girder	102.9679	0.95	1	1	69.784605
Lane_str_opr	BOBJ1	327.85	Before	Interior Girder 1	102.9679	0.95	1	1	66.094309
Lane_str_opr	BOBJ1	327.85	Before	Interior Girder 2	102.9679	0.95	1	1	66.09431
Lane_str_opr	BOBJ1	327.85	Before	Right Exterior Girder	102.9679	0.95	1	1	69.784606
Lane_str_opr	BOBJ1	327.85	After	Left Exterior Girder	102.9679	0.95	1	1	111.557672
Lane_str_opr	BOBJ1	327.85	After	Interior Girder 1	102.9679	0.95	1	1	106.647058
Lane_str_opr	BOBJ1	327.85	After	Interior Girder 2	102.9679	0.95	1	1	106.647059
Lane_str_opr	BOBJ1	327.85	After	Right Exterior Girder	102.9679	0.95	1	1	111.557674
Lane_str_opr	BOBJ1	339.3	Before	Left Exterior Girder	114.3	0.95	1	1	117.175052
Lane_str_opr	BOBJ1	339.3	Before	Interior Girder 1	114.3	0.95	1	1	113.224616
Lane_str_opr	BOBJ1	339.3	Before	Interior Girder 2	114.3	0.95	1	1	113.224616
Lane_str_opr	BOBJ1	339.3	Before	Right Exterior Girder	114.3	0.95	1	1	117.175054
Lane_str_opr	BOBJ1	339.3	After	Left Exterior Girder	114.3	0.95	1	1	131.800244
Lane_str_opr	BOBJ1	339.3	After	Interior Girder 1	114.3	0.95	1	1	116.309244
Lane_str_opr	BOBJ1	339.3	After	Interior Girder 2	114.3	0.95	1	1	116.309241
Lane_str_opr	BOBJ1	339.3	After	Right Exterior Girder	114.3	0.95	1	1	131.800241
Lane_str_opr	BOBJ1	350.7	Before	Left Exterior Girder	125.7	0.95	1	1	138.787025
Lane_str_opr	BOBJ1	350.7	Before	Interior Girder 1	125.7	0.95	1	1	123.991612
Lane_str_opr	BOBJ1	350.7	Before	Interior Girder 2	125.7	0.95	1	1	123.991609
Lane_str_opr	BOBJ1	350.7	Before	Right Exterior Girder	125.7	0.95	1	1	138.787024
Lane_str_opr	BOBJ1	350.7	After	Left Exterior Girder	125.7	0.95	1	1	145.990925
Lane_str_opr	BOBJ1	350.7	After	Interior Girder 1	125.7	0.95	1	1	131.332992
Lane_str_opr	BOBJ1	350.7	After	Interior Girder 2	125.7	0.95	1	1	131.332988
Lane_str_opr	BOBJ1	350.7	After	Right Exterior Girder	125.7	0.95	1	1	145.990925
Lane_str_opr	BOBJ1	362.1	Before	Left Exterior Girder	137.1	0.95	1	1	154.180428
Lane_str_opr	BOBJ1	362.1	Before	Interior Girder 1	137.1	0.95	1	1	139.969722
Lane_str_opr	BOBJ1	362.1	Before	Interior Girder 2	137.1	0.95	1	1	139.96972
Lane_str_opr	BOBJ1	362.1	Before	Right Exterior Girder	137.1	0.95	1	1	154.180426
Lane_str_opr	BOBJ1	362.1	After	Left Exterior Girder	137.1	0.95	1	1	175.559491
Lane_str_opr	BOBJ1	362.1	After	Interior Girder 1	137.1	0.95	1	1	142.919782
Lane_str_opr	BOBJ1	362.1	After	Interior Girder 2	137.1	0.95	1	1	142.919782
Lane_str_opr	BOBJ1	362.1	After	Right Exterior Girder	137.1	0.95	1	1	175.55948
Lane_str_opr	BOBJ1	373.55	Before	Left Exterior Girder	148.55	0.95	1	1	187.245076
Lane_str_opr	BOBJ1	373.55	Before	Interior Girder 1	148.55	0.95	1	1	153.256265
Lane_str_opr	BOBJ1	373.55	Before	Interior Girder 2	148.55	0.95	1	1	153.256263
Lane_str_opr	BOBJ1	373.55	Before	Right Exterior Girder	148.55	0.95	1	1	187.245058
Lane_str_opr	BOBJ1	373.55	After	Left Exterior Girder	148.55	0.95	1	1	198.176971
Lane_str_opr	BOBJ1	373.55	After	Interior Girder 1	148.55	0.95	1	1	163.154294
Lane_str_opr	BOBJ1	373.55	After	Interior Girder 2	148.55	0.95	1	1	163.154293
Lane_str_opr	BOBJ1	373.55	After	Right Exterior Girder	148.55	0.95	1	1	198.176951
Lane_str_opr	BOBJ1	385	Before	Left Exterior Girder	160	0.95	1	1	210.484055
Lane_str_opr	BOBJ1	385	Before	Interior Girder 1	160	0.95	1	1	171.526695
Lane_str_opr	BOBJ1	385	Before	Interior Girder 2	160	0.95	1	1	171.526691
Lane_str_opr	BOBJ1	385	Before	Right Exterior Girder	160	0.95	1	1	210.484027
Lane_str_opr	BOBJ1	385	After	Left Exterior Girder	160	0.95	1	1	210.48416
Lane_str_opr	BOBJ1	385	After	Interior Girder 1	160	0.95	1	1	171.520252
Lane_str_opr	BOBJ1	385	After	Interior Girder 2	160	0.95	1	1	171.520255
Lane_str_opr	BOBJ1	385	After	Right Exterior Girder	160	0.95	1	1	210.48419
Lane_str_opr	BOBJ1	396.45	Before	Left Exterior Girder	171.45	0.95	1	1	198.176902
Lane_str_opr	BOBJ1	396.45	Before	Interior Girder 1	171.45	0.95	1	1	163.158119
Lane_str_opr	BOBJ1	396.45	Before	Interior Girder 2	171.45	0.95	1	1	163.158115
Lane_str_opr	BOBJ1	396.45	Before	Right Exterior Girder	171.45	0.95	1	1	198.176925
Lane_str_opr	BOBJ1	396.45	After	Left Exterior Girder	171.45	0.95	1	1	187.245045
Lane_str_opr	BOBJ1	396.45	After	Interior Girder 1	171.45	0.95	1	1	153.256955
Lane_str_opr	BOBJ1	396.45	After	Interior Girder 2	171.45	0.95	1	1	153.256951
Lane_str_opr	BOBJ1	396.45	After	Right Exterior Girder	171.45	0.95	1	1	187.245068

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Main Span Girders									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Lane_str_opr	BOBJ1	407.9	Before	Left Exterior Girder	182.9	0.95	1	1	175.559412
Lane_str_opr	BOBJ1	407.9	Before	Interior Girder 1	182.9	0.95	1	1	142.92139
Lane_str_opr	BOBJ1	407.9	Before	Interior Girder 2	182.9	0.95	1	1	142.921384
Lane_str_opr	BOBJ1	407.9	Before	Right Exterior Girder	182.9	0.95	1	1	175.559427
Lane_str_opr	BOBJ1	407.9	After	Left Exterior Girder	182.9	0.95	1	1	154.180428
Lane_str_opr	BOBJ1	407.9	After	Interior Girder 1	182.9	0.95	1	1	139.968034
Lane_str_opr	BOBJ1	407.9	After	Interior Girder 2	182.9	0.95	1	1	139.968029
Lane_str_opr	BOBJ1	407.9	After	Right Exterior Girder	182.9	0.95	1	1	154.180441
Lane_str_opr	BOBJ1	419.3	Before	Left Exterior Girder	194.3	0.95	1	1	145.991094
Lane_str_opr	BOBJ1	419.3	Before	Interior Girder 1	194.3	0.95	1	1	131.33318
Lane_str_opr	BOBJ1	419.3	Before	Interior Girder 2	194.3	0.95	1	1	131.333177
Lane_str_opr	BOBJ1	419.3	Before	Right Exterior Girder	194.3	0.95	1	1	145.991105
Lane_str_opr	BOBJ1	419.3	After	Left Exterior Girder	194.3	0.95	1	1	138.787112
Lane_str_opr	BOBJ1	419.3	After	Interior Girder 1	194.3	0.95	1	1	123.991794
Lane_str_opr	BOBJ1	419.3	After	Interior Girder 2	194.3	0.95	1	1	123.991792
Lane_str_opr	BOBJ1	419.3	After	Right Exterior Girder	194.3	0.95	1	1	138.787123
Lane_str_opr	BOBJ1	430.7	Before	Left Exterior Girder	205.7	0.95	1	1	131.80032
Lane_str_opr	BOBJ1	430.7	Before	Interior Girder 1	205.7	0.95	1	1	116.308976
Lane_str_opr	BOBJ1	430.7	Before	Interior Girder 2	205.7	0.95	1	1	116.308973
Lane_str_opr	BOBJ1	430.7	Before	Right Exterior Girder	205.7	0.95	1	1	131.800333
Lane_str_opr	BOBJ1	430.7	After	Left Exterior Girder	205.7	0.95	1	1	117.175372
Lane_str_opr	BOBJ1	430.7	After	Interior Girder 1	205.7	0.95	1	1	113.22543
Lane_str_opr	BOBJ1	430.7	After	Interior Girder 2	205.7	0.95	1	1	113.225426
Lane_str_opr	BOBJ1	430.7	After	Right Exterior Girder	205.7	0.95	1	1	117.175383
Lane_str_opr	BOBJ1	442.15	Before	Left Exterior Girder	217.0321	0.95	1	1	111.557764
Lane_str_opr	BOBJ1	442.15	Before	Interior Girder 1	217.0321	0.95	1	1	106.647763
Lane_str_opr	BOBJ1	442.15	Before	Interior Girder 2	217.0321	0.95	1	1	106.647761
Lane_str_opr	BOBJ1	442.15	Before	Right Exterior Girder	217.0321	0.95	1	1	111.557773
Lane_str_opr	BOBJ1	442.15	After	Left Exterior Girder	217.0321	0.95	1	1	69.784717
Lane_str_opr	BOBJ1	442.15	After	Interior Girder 1	217.0321	0.95	1	1	66.094281
Lane_str_opr	BOBJ1	442.15	After	Interior Girder 2	217.0321	0.95	1	1	66.09428
Lane_str_opr	BOBJ1	442.15	After	Right Exterior Girder	217.0321	0.95	1	1	69.784723
Lane_str_opr	BOBJ1	453.6	Before	Left Exterior Girder	228.6	0.95	1	1	66.377368
Lane_str_opr	BOBJ1	453.6	Before	Interior Girder 1	228.6	0.95	1	1	62.082797
Lane_str_opr	BOBJ1	453.6	Before	Interior Girder 2	228.6	0.95	1	1	62.082796
Lane_str_opr	BOBJ1	453.6	Before	Right Exterior Girder	228.6	0.95	1	1	66.377374
Lane_str_opr	BOBJ1	453.6	After	Left Exterior Girder	228.6	0.95	1	1	59.472938
Lane_str_opr	BOBJ1	453.6	After	Interior Girder 1	228.6	0.95	1	1	59.165624
Lane_str_opr	BOBJ1	453.6	After	Interior Girder 2	228.6	0.95	1	1	59.165623
Lane_str_opr	BOBJ1	453.6	After	Right Exterior Girder	228.6	0.95	1	1	59.47294
Lane_str_opr	BOBJ1	463.0439	Before	Left Exterior Girder	238.0439	0.95	1	1	59.048249
Lane_str_opr	BOBJ1	463.0439	Before	Interior Girder 1	238.0439	0.95	1	1	58.702899
Lane_str_opr	BOBJ1	463.0439	Before	Interior Girder 2	238.0439	0.95	1	1	58.702899
Lane_str_opr	BOBJ1	463.0439	Before	Right Exterior Girder	238.0439	0.95	1	1	59.048252
Lane_str_opr	BOBJ1	463.0439	After	Left Exterior Girder	238.0439	0.95	1	1	32.715841
Lane_str_opr	BOBJ1	463.0439	After	Interior Girder 1	238.0439	0.95	1	1	33.509982
Lane_str_opr	BOBJ1	463.0439	After	Interior Girder 2	238.0439	0.95	1	1	33.509982
Lane_str_opr	BOBJ1	463.0439	After	Right Exterior Girder	238.0439	0.95	1	1	32.715843
Lane_str_opr	BOBJ1	465	Before	Left Exterior Girder	240	0.95	1	1	32.651388
Lane_str_opr	BOBJ1	465	Before	Interior Girder 1	240	0.95	1	1	33.43649
Lane_str_opr	BOBJ1	465	Before	Interior Girder 2	240	0.95	1	1	33.436489
Lane_str_opr	BOBJ1	465	Before	Right Exterior Girder	240	0.95	1	1	32.651389
Lane_str_opr	BOBJ1	465	After	Left Exterior Girder	240	0.95	1	1	32.779497
Lane_str_opr	BOBJ1	465	After	Interior Girder 1	240	0.95	1	1	31.895929
Lane_str_opr	BOBJ1	465	After	Interior Girder 2	240	0.95	1	1	31.895929
Lane_str_opr	BOBJ1	465	After	Right Exterior Girder	240	0.95	1	1	32.779498
Lane_str_opr	BOBJ1	476.4	Before	Left Exterior Girder	251.4	0.95	1	1	31.20534
Lane_str_opr	BOBJ1	476.4	Before	Interior Girder 1	251.4	0.95	1	1	29.948863
Lane_str_opr	BOBJ1	476.4	Before	Interior Girder 2	251.4	0.95	1	1	29.948862
Lane_str_opr	BOBJ1	476.4	Before	Right Exterior Girder	251.4	0.95	1	1	31.205341
Lane_str_opr	BOBJ1	476.4	After	Left Exterior Girder	251.4	0.95	1	1	28.848048
Lane_str_opr	BOBJ1	476.4	After	Interior Girder 1	251.4	0.95	1	1	28.762864
Lane_str_opr	BOBJ1	476.4	After	Interior Girder 2	251.4	0.95	1	1	28.762863
Lane_str_opr	BOBJ1	476.4	After	Right Exterior Girder	251.4	0.95	1	1	28.84805
Lane_str_opr	BOBJ1	487.85	Before	Left Exterior Girder	262.85	0.95	1	1	27.575752
Lane_str_opr	BOBJ1	487.85	Before	Interior Girder 1	262.85	0.95	1	1	27.049551
Lane_str_opr	BOBJ1	487.85	Before	Interior Girder 2	262.85	0.95	1	1	27.049551
Lane_str_opr	BOBJ1	487.85	Before	Right Exterior Girder	262.85	0.95	1	1	27.575752

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Main Span Girders									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Lane_str_opr	BOBJ1	487.85	After	Left Exterior Girder	262.85	0.95	1	1	26.48029
Lane_str_opr	BOBJ1	487.85	After	Interior Girder 1	262.85	0.95	1	1	25.458273
Lane_str_opr	BOBJ1	487.85	After	Interior Girder 2	262.85	0.95	1	1	25.458273
Lane_str_opr	BOBJ1	487.85	After	Right Exterior Girder	262.85	0.95	1	1	26.48029
Lane_str_opr	BOBJ1	496.3126	Before	Left Exterior Girder	271.3126	0.95	1	1	26.245472
Lane_str_opr	BOBJ1	496.3126	Before	Interior Girder 1	271.3126	0.95	1	1	25.205316
Lane_str_opr	BOBJ1	496.3126	Before	Interior Girder 2	271.3126	0.95	1	1	25.205315
Lane_str_opr	BOBJ1	496.3126	Before	Right Exterior Girder	271.3126	0.95	1	1	26.245473
Lane_str_opr	BOBJ1	496.3126	After	Left Exterior Girder	271.3126	0.95	1	1	40.230373
Lane_str_opr	BOBJ1	496.3126	After	Interior Girder 1	271.3126	0.95	1	1	38.10216
Lane_str_opr	BOBJ1	496.3126	After	Interior Girder 2	271.3126	0.95	1	1	38.102159
Lane_str_opr	BOBJ1	496.3126	After	Right Exterior Girder	271.3126	0.95	1	1	40.230374
Lane_str_opr	BOBJ1	499.3	Before	Left Exterior Girder	274.3	0.95	1	1	40.13116
Lane_str_opr	BOBJ1	499.3	Before	Interior Girder 1	274.3	0.95	1	1	37.999076
Lane_str_opr	BOBJ1	499.3	Before	Interior Girder 2	274.3	0.95	1	1	37.999075
Lane_str_opr	BOBJ1	499.3	Before	Right Exterior Girder	274.3	0.95	1	1	40.131161
Lane_str_opr	BOBJ1	499.3	After	Left Exterior Girder	274.3	0.95	1	1	38.655791
Lane_str_opr	BOBJ1	499.3	After	Interior Girder 1	274.3	0.95	1	1	36.881853
Lane_str_opr	BOBJ1	499.3	After	Interior Girder 2	274.3	0.95	1	1	36.881853
Lane_str_opr	BOBJ1	499.3	After	Right Exterior Girder	274.3	0.95	1	1	38.655789
Lane_str_opr	BOBJ1	503.8969	Before	Left Exterior Girder	278.8969	0.95	1	1	38.508457
Lane_str_opr	BOBJ1	503.8969	Before	Interior Girder 1	278.8969	0.95	1	1	36.727413
Lane_str_opr	BOBJ1	503.8969	Before	Interior Girder 2	278.8969	0.95	1	1	36.727413
Lane_str_opr	BOBJ1	503.8969	Before	Right Exterior Girder	278.8969	0.95	1	1	38.508456
Lane_str_opr	BOBJ1	503.8969	After	Left Exterior Girder	278.8969	0.95	1	1	60.599136
Lane_str_opr	BOBJ1	503.8969	After	Interior Girder 1	278.8969	0.95	1	1	56.684286
Lane_str_opr	BOBJ1	503.8969	After	Interior Girder 2	278.8969	0.95	1	1	56.684287
Lane_str_opr	BOBJ1	503.8969	After	Right Exterior Girder	278.8969	0.95	1	1	60.599133
Lane_str_opr	BOBJ1	510.7	Before	Left Exterior Girder	285.7	0.95	1	1	60.328554
Lane_str_opr	BOBJ1	510.7	Before	Interior Girder 1	285.7	0.95	1	1	56.411368
Lane_str_opr	BOBJ1	510.7	Before	Interior Girder 2	285.7	0.95	1	1	56.411368
Lane_str_opr	BOBJ1	510.7	Before	Right Exterior Girder	285.7	0.95	1	1	60.328552
Lane_str_opr	BOBJ1	510.7	After	Left Exterior Girder	285.7	0.95	1	1	56.241097
Lane_str_opr	BOBJ1	510.7	After	Interior Girder 1	285.7	0.95	1	1	54.461643
Lane_str_opr	BOBJ1	510.7	After	Interior Girder 2	285.7	0.95	1	1	54.461643
Lane_str_opr	BOBJ1	510.7	After	Right Exterior Girder	285.7	0.95	1	1	56.241095
Lane_str_opr	BOBJ1	511.4811	Before	Left Exterior Girder	286.4811	0.95	1	1	56.212012
Lane_str_opr	BOBJ1	511.4811	Before	Interior Girder 1	286.4811	0.95	1	1	54.431465
Lane_str_opr	BOBJ1	511.4811	Before	Interior Girder 2	286.4811	0.95	1	1	54.431465
Lane_str_opr	BOBJ1	511.4811	Before	Right Exterior Girder	286.4811	0.95	1	1	56.21201
Lane_str_opr	BOBJ1	511.4811	After	Left Exterior Girder	286.4811	0.95	1	1	76.279373
Lane_str_opr	BOBJ1	511.4811	After	Interior Girder 1	286.4811	0.95	1	1	69.513723
Lane_str_opr	BOBJ1	511.4811	After	Interior Girder 2	286.4811	0.95	1	1	69.513723
Lane_str_opr	BOBJ1	511.4811	After	Right Exterior Girder	286.4811	0.95	1	1	76.279371
Lane_str_opr	BOBJ1	522.1	Before	Left Exterior Girder	297.1	0.95	1	1	75.802737
Lane_str_opr	BOBJ1	522.1	Before	Interior Girder 1	297.1	0.95	1	1	69.050468
Lane_str_opr	BOBJ1	522.1	Before	Interior Girder 2	297.1	0.95	1	1	69.050468
Lane_str_opr	BOBJ1	522.1	Before	Right Exterior Girder	297.1	0.95	1	1	75.802734
Lane_str_opr	BOBJ1	522.1	After	Left Exterior Girder	297.1	0.95	1	1	71.600391
Lane_str_opr	BOBJ1	522.1	After	Interior Girder 1	297.1	0.95	1	1	63.01642
Lane_str_opr	BOBJ1	522.1	After	Interior Girder 2	297.1	0.95	1	1	63.016424
Lane_str_opr	BOBJ1	522.1	After	Right Exterior Girder	297.1	0.95	1	1	71.600388
Lane_str_opr	BOBJ1	530.4918	Before	Left Exterior Girder	305.4918	0.95	1	1	71.243789
Lane_str_opr	BOBJ1	530.4918	Before	Interior Girder 1	305.4918	0.95	1	1	62.681643
Lane_str_opr	BOBJ1	530.4918	Before	Interior Girder 2	305.4918	0.95	1	1	62.681646
Lane_str_opr	BOBJ1	530.4918	Before	Right Exterior Girder	305.4918	0.95	1	1	71.243786
Lane_str_opr	BOBJ1	530.4918	After	Left Exterior Girder	305.4918	0.95	1	1	86.407398
Lane_str_opr	BOBJ1	530.4918	After	Interior Girder 1	305.4918	0.95	1	1	73.903704
Lane_str_opr	BOBJ1	530.4918	After	Interior Girder 2	305.4918	0.95	1	1	73.903708
Lane_str_opr	BOBJ1	530.4918	After	Right Exterior Girder	305.4918	0.95	1	1	86.407394
Lane_str_opr	BOBJ1	533.55	Before	Left Exterior Girder	308.55	0.95	1	1	86.261756
Lane_str_opr	BOBJ1	533.55	Before	Interior Girder 1	308.55	0.95	1	1	73.771954
Lane_str_opr	BOBJ1	533.55	Before	Interior Girder 2	308.55	0.95	1	1	73.771958
Lane_str_opr	BOBJ1	533.55	Before	Right Exterior Girder	308.55	0.95	1	1	86.261752
Lane_str_opr	BOBJ1	533.55	After	Left Exterior Girder	308.55	0.95	1	1	84.636712
Lane_str_opr	BOBJ1	533.55	After	Interior Girder 1	308.55	0.95	1	1	71.07989
Lane_str_opr	BOBJ1	533.55	After	Interior Girder 2	308.55	0.95	1	1	71.079894
Lane_str_opr	BOBJ1	533.55	After	Right Exterior Girder	308.55	0.95	1	1	84.636709

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Main Span Girders									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Lane_str_opr	BOBJ1	545	Before	Left Exterior Girder	320	0.95	1	1	81.904808
Lane_str_opr	BOBJ1	545	Before	Interior Girder 1	320	0.95	1	1	66.742835
Lane_str_opr	BOBJ1	545	Before	Interior Girder 2	320	0.95	1	1	66.742838
Lane_str_opr	BOBJ1	545	Before	Right Exterior Girder	320	0.95	1	1	81.904805
Lane_str_opr	BOBJ1	545	After	Left Exterior Girder	0	0.95	1	1	98.325173
Lane_str_opr	BOBJ1	545	After	Interior Girder 1	0	0.95	1	1	75.200108
Lane_str_opr	BOBJ1	545	After	Interior Girder 2	0	0.95	1	1	75.200109
Lane_str_opr	BOBJ1	545	After	Right Exterior Girder	0	0.95	1	1	98.325171
Lane_str_opr	BOBJ1	556.25	Before	Left Exterior Girder	11.25	0.95	1	1	98.933736
Lane_str_opr	BOBJ1	556.25	Before	Interior Girder 1	11.25	0.95	1	1	75.692937
Lane_str_opr	BOBJ1	556.25	Before	Interior Girder 2	11.25	0.95	1	1	75.692937
Lane_str_opr	BOBJ1	556.25	Before	Right Exterior Girder	11.25	0.95	1	1	98.933734
Lane_str_opr	BOBJ1	556.25	After	Left Exterior Girder	11.25	0.95	1	1	102.627494
Lane_str_opr	BOBJ1	556.25	After	Interior Girder 1	11.25	0.95	1	1	81.197416
Lane_str_opr	BOBJ1	556.25	After	Interior Girder 2	11.25	0.95	1	1	81.197417
Lane_str_opr	BOBJ1	556.25	After	Right Exterior Girder	11.25	0.95	1	1	102.627491
Lane_str_opr	BOBJ1	559.4358	Before	Left Exterior Girder	14.4358	0.95	1	1	102.806119
Lane_str_opr	BOBJ1	559.4358	Before	Interior Girder 1	14.4358	0.95	1	1	81.346978
Lane_str_opr	BOBJ1	559.4358	Before	Interior Girder 2	14.4358	0.95	1	1	81.346978
Lane_str_opr	BOBJ1	559.4358	Before	Right Exterior Girder	14.4358	0.95	1	1	102.806117
Lane_str_opr	BOBJ1	559.4358	After	Left Exterior Girder	14.4358	0.95	1	1	85.308734
Lane_str_opr	BOBJ1	559.4358	After	Interior Girder 1	14.4358	0.95	1	1	69.458842
Lane_str_opr	BOBJ1	559.4358	After	Interior Girder 2	14.4358	0.95	1	1	69.458842
Lane_str_opr	BOBJ1	559.4358	After	Right Exterior Girder	14.4358	0.95	1	1	85.308732
Lane_str_opr	BOBJ1	567.5	Before	Left Exterior Girder	22.5	0.95	1	1	85.713737
Lane_str_opr	BOBJ1	567.5	Before	Interior Girder 1	22.5	0.95	1	1	69.810861
Lane_str_opr	BOBJ1	567.5	Before	Interior Girder 2	22.5	0.95	1	1	69.810861
Lane_str_opr	BOBJ1	567.5	Before	Right Exterior Girder	22.5	0.95	1	1	85.713735
Lane_str_opr	BOBJ1	567.5	After	Left Exterior Girder	22.5	0.95	1	1	88.271095
Lane_str_opr	BOBJ1	567.5	After	Interior Girder 1	22.5	0.95	1	1	73.067346
Lane_str_opr	BOBJ1	567.5	After	Interior Girder 2	22.5	0.95	1	1	73.067346
Lane_str_opr	BOBJ1	567.5	After	Right Exterior Girder	22.5	0.95	1	1	88.271093
Lane_str_opr	BOBJ1	570.0586	Before	Left Exterior Girder	25.0586	0.95	1	1	88.403295
Lane_str_opr	BOBJ1	570.0586	Before	Interior Girder 1	25.0586	0.95	1	1	73.184032
Lane_str_opr	BOBJ1	570.0586	Before	Interior Girder 2	25.0586	0.95	1	1	73.184032
Lane_str_opr	BOBJ1	570.0586	Before	Right Exterior Girder	25.0586	0.95	1	1	88.403293
Lane_str_opr	BOBJ1	570.0586	After	Left Exterior Girder	25.0586	0.95	1	1	69.474648
Lane_str_opr	BOBJ1	570.0586	After	Interior Girder 1	25.0586	0.95	1	1	58.924296
Lane_str_opr	BOBJ1	570.0586	After	Interior Girder 2	25.0586	0.95	1	1	58.924296
Lane_str_opr	BOBJ1	570.0586	After	Right Exterior Girder	25.0586	0.95	1	1	69.474646
Lane_str_opr	BOBJ1	578.75	Before	Left Exterior Girder	33.75	0.95	1	1	69.869488
Lane_str_opr	BOBJ1	578.75	Before	Interior Girder 1	33.75	0.95	1	1	59.285789
Lane_str_opr	BOBJ1	578.75	Before	Interior Girder 2	33.75	0.95	1	1	59.285789
Lane_str_opr	BOBJ1	578.75	Before	Right Exterior Girder	33.75	0.95	1	1	69.869487
Lane_str_opr	BOBJ1	578.75	After	Left Exterior Girder	33.75	0.95	1	1	73.820079
Lane_str_opr	BOBJ1	578.75	After	Interior Girder 1	33.75	0.95	1	1	64.890482
Lane_str_opr	BOBJ1	578.75	After	Interior Girder 2	33.75	0.95	1	1	64.890482
Lane_str_opr	BOBJ1	578.75	After	Right Exterior Girder	33.75	0.95	1	1	73.820078
Lane_str_opr	BOBJ1	586.8142	Before	Left Exterior Girder	41.8142	0.95	1	1	74.206409
Lane_str_opr	BOBJ1	586.8142	Before	Interior Girder 1	41.8142	0.95	1	1	65.256978
Lane_str_opr	BOBJ1	586.8142	Before	Interior Girder 2	41.8142	0.95	1	1	65.256978
Lane_str_opr	BOBJ1	586.8142	Before	Right Exterior Girder	41.8142	0.95	1	1	74.206408
Lane_str_opr	BOBJ1	586.8142	After	Left Exterior Girder	41.8142	0.95	1	1	47.861415
Lane_str_opr	BOBJ1	586.8142	After	Interior Girder 1	41.8142	0.95	1	1	43.185952
Lane_str_opr	BOBJ1	586.8142	After	Interior Girder 2	41.8142	0.95	1	1	43.185951
Lane_str_opr	BOBJ1	586.8142	After	Right Exterior Girder	41.8142	0.95	1	1	47.861414
Lane_str_opr	BOBJ1	590	Before	Left Exterior Girder	45	0.95	1	1	47.985083
Lane_str_opr	BOBJ1	590	Before	Interior Girder 1	45	0.95	1	1	43.308538
Lane_str_opr	BOBJ1	590	Before	Interior Girder 2	45	0.95	1	1	43.308537
Lane_str_opr	BOBJ1	590	Before	Right Exterior Girder	45	0.95	1	1	47.985082
Lane_str_opr	BOBJ1	590	After	Left Exterior Girder	45	0.95	1	1	52.132448
Lane_str_opr	BOBJ1	590	After	Interior Girder 1	45	0.95	1	1	46.462942
Lane_str_opr	BOBJ1	590	After	Interior Girder 2	45	0.95	1	1	46.462942
Lane_str_opr	BOBJ1	590	After	Right Exterior Girder	45	0.95	1	1	52.132447
Lane_str_opr	BOBJ1	601.25	Before	Left Exterior Girder	56.25	0.95	1	1	52.60473
Lane_str_opr	BOBJ1	601.25	Before	Interior Girder 1	56.25	0.95	1	1	46.926189
Lane_str_opr	BOBJ1	601.25	Before	Interior Girder 2	56.25	0.95	1	1	46.926188
Lane_str_opr	BOBJ1	601.25	Before	Right Exterior Girder	56.25	0.95	1	1	52.604729

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Main Span Girders									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Lane_str_opr	BOBJ1	601.25	After	Left Exterior Girder	56.25	0.95	1	1	52.153123
Lane_str_opr	BOBJ1	601.25	After	Interior Girder 1	56.25	0.95	1	1	51.886625
Lane_str_opr	BOBJ1	601.25	After	Interior Girder 2	56.25	0.95	1	1	51.886625
Lane_str_opr	BOBJ1	601.25	After	Right Exterior Girder	56.25	0.95	1	1	52.153122
Lane_str_opr	BOBJ1	601.7478	Before	Left Exterior Girder	56.7478	0.95	1	1	52.17393
Lane_str_opr	BOBJ1	601.7478	Before	Interior Girder 1	56.7478	0.95	1	1	51.909108
Lane_str_opr	BOBJ1	601.7478	Before	Interior Girder 2	56.7478	0.95	1	1	51.909107
Lane_str_opr	BOBJ1	601.7478	Before	Right Exterior Girder	56.7478	0.95	1	1	52.173929
Lane_str_opr	BOBJ1	601.7478	After	Left Exterior Girder	56.7478	0.95	1	1	36.533063
Lane_str_opr	BOBJ1	601.7478	After	Interior Girder 1	56.7478	0.95	1	1	33.779225
Lane_str_opr	BOBJ1	601.7478	After	Interior Girder 2	56.7478	0.95	1	1	33.779225
Lane_str_opr	BOBJ1	601.7478	After	Right Exterior Girder	56.7478	0.95	1	1	36.533062
Lane_str_opr	BOBJ1	612.5	Before	Left Exterior Girder	67.5	0.95	1	1	36.925971
Lane_str_opr	BOBJ1	612.5	Before	Interior Girder 1	67.5	0.95	1	1	34.187252
Lane_str_opr	BOBJ1	612.5	Before	Interior Girder 2	67.5	0.95	1	1	34.187252
Lane_str_opr	BOBJ1	612.5	Before	Right Exterior Girder	67.5	0.95	1	1	36.92597
Lane_str_opr	BOBJ1	612.5	After	Left Exterior Girder	67.5	0.95	1	1	42.163955
Lane_str_opr	BOBJ1	612.5	After	Interior Girder 1	67.5	0.95	1	1	37.822676
Lane_str_opr	BOBJ1	612.5	After	Interior Girder 2	67.5	0.95	1	1	37.822675
Lane_str_opr	BOBJ1	612.5	After	Right Exterior Girder	67.5	0.95	1	1	42.163955
Lane_str_opr	BOBJ1	623.75	Before	Left Exterior Girder	78.75	0.95	1	1	42.629723
Lane_str_opr	BOBJ1	623.75	Before	Interior Girder 1	78.75	0.95	1	1	38.29194
Lane_str_opr	BOBJ1	623.75	Before	Interior Girder 2	78.75	0.95	1	1	38.291939
Lane_str_opr	BOBJ1	623.75	Before	Right Exterior Girder	78.75	0.95	1	1	42.629723
Lane_str_opr	BOBJ1	623.75	After	Left Exterior Girder	78.75	0.95	1	1	46.806903
Lane_str_opr	BOBJ1	623.75	After	Interior Girder 1	78.75	0.95	1	1	43.232469
Lane_str_opr	BOBJ1	623.75	After	Interior Girder 2	78.75	0.95	1	1	43.232468
Lane_str_opr	BOBJ1	623.75	After	Right Exterior Girder	78.75	0.95	1	1	46.806902
Lane_str_opr	BOBJ1	635	Before	Left Exterior Girder	90	0.95	1	1	47.315289
Lane_str_opr	BOBJ1	635	Before	Interior Girder 1	90	0.95	1	1	43.759759
Lane_str_opr	BOBJ1	635	Before	Interior Girder 2	90	0.95	1	1	43.759758
Lane_str_opr	BOBJ1	635	Before	Right Exterior Girder	90	0.95	1	1	47.315289
Lane_str_opr	BOBJ1	635	After	Left Exterior Girder	90	0.95	1	1	55.185581
Lane_str_opr	BOBJ1	635	After	Interior Girder 1	90	0.95	1	1	46.859675
Lane_str_opr	BOBJ1	635	After	Interior Girder 2	90	0.95	1	1	46.859674
Lane_str_opr	BOBJ1	635	After	Right Exterior Girder	90	0.95	1	1	55.185582
Lane_str_opr	BOBJ1	643.5619	Before	Left Exterior Girder	98.5619	0.95	1	1	55.633658
Lane_str_opr	BOBJ1	643.5619	Before	Interior Girder 1	98.5619	0.95	1	1	47.287053
Lane_str_opr	BOBJ1	643.5619	Before	Interior Girder 2	98.5619	0.95	1	1	47.287052
Lane_str_opr	BOBJ1	643.5619	Before	Right Exterior Girder	98.5619	0.95	1	1	55.633659
Lane_str_opr	BOBJ1	643.5619	After	Left Exterior Girder	98.5619	0.95	1	1	95.558557
Lane_str_opr	BOBJ1	643.5619	After	Interior Girder 1	98.5619	0.95	1	1	83.000546
Lane_str_opr	BOBJ1	643.5619	After	Interior Girder 2	98.5619	0.95	1	1	83.000544
Lane_str_opr	BOBJ1	643.5619	After	Right Exterior Girder	98.5619	0.95	1	1	95.558558
Lane_str_opr	BOBJ1	646.25	Before	Left Exterior Girder	101.25	0.95	1	1	95.740679
Lane_str_opr	BOBJ1	646.25	Before	Interior Girder 1	101.25	0.95	1	1	83.174233
Lane_str_opr	BOBJ1	646.25	Before	Interior Girder 2	101.25	0.95	1	1	83.174232
Lane_str_opr	BOBJ1	646.25	Before	Right Exterior Girder	101.25	0.95	1	1	95.74068
Lane_str_opr	BOBJ1	646.25	After	Left Exterior Girder	101.25	0.95	1	1	104.621205
Lane_str_opr	BOBJ1	646.25	After	Interior Girder 1	101.25	0.95	1	1	91.685037
Lane_str_opr	BOBJ1	646.25	After	Interior Girder 2	101.25	0.95	1	1	91.685036
Lane_str_opr	BOBJ1	646.25	After	Right Exterior Girder	101.25	0.95	1	1	104.621206
Lane_str_opr	BOBJ1	657.5	Before	Left Exterior Girder	112.5	0.95	1	1	105.451822
Lane_str_opr	BOBJ1	657.5	Before	Interior Girder 1	112.5	0.95	1	1	92.485496
Lane_str_opr	BOBJ1	657.5	Before	Interior Girder 2	112.5	0.95	1	1	92.485495
Lane_str_opr	BOBJ1	657.5	Before	Right Exterior Girder	112.5	0.95	1	1	105.451822
Lane_str_opr	BOBJ1	657.5	After	Left Exterior Girder	112.5	0.95	1	1	128.936455
Lane_str_opr	BOBJ1	657.5	After	Interior Girder 1	112.5	0.95	1	1	99.984725
Lane_str_opr	BOBJ1	657.5	After	Interior Girder 2	112.5	0.95	1	1	99.984731
Lane_str_opr	BOBJ1	657.5	After	Right Exterior Girder	112.5	0.95	1	1	128.936445
Lane_str_opr	BOBJ1	668.75	Before	Left Exterior Girder	123.75	0.95	1	1	129.947232
Lane_str_opr	BOBJ1	668.75	Before	Interior Girder 1	123.75	0.95	1	1	100.847053
Lane_str_opr	BOBJ1	668.75	Before	Interior Girder 2	123.75	0.95	1	1	100.847059
Lane_str_opr	BOBJ1	668.75	Before	Right Exterior Girder	123.75	0.95	1	1	129.947222
Lane_str_opr	BOBJ1	668.75	After	Left Exterior Girder	123.75	0.95	1	1	146.89062
Lane_str_opr	BOBJ1	668.75	After	Interior Girder 1	123.75	0.95	1	1	117.613181
Lane_str_opr	BOBJ1	668.75	After	Interior Girder 2	123.75	0.95	1	1	117.613187
Lane_str_opr	BOBJ1	668.75	After	Right Exterior Girder	123.75	0.95	1	1	146.890609

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Main Span Girders									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Lane_str_opr	BOBJ1	680	Before	Left Exterior Girder	135	0.95	1	1	148.029292
Lane_str_opr	BOBJ1	680	Before	Interior Girder 1	135	0.95	1	1	118.616153
Lane_str_opr	BOBJ1	680	Before	Interior Girder 2	135	0.95	1	1	118.616158
Lane_str_opr	BOBJ1	680	Before	Right Exterior Girder	135	0.95	1	1	148.02928
Lane_str_opr	BOBJ1	680	After	Left Exterior Girder	135	0.95	1	1	177.701634
Lane_str_opr	BOBJ1	680	After	Interior Girder 1	135	0.95	1	1	125.965066
Lane_str_opr	BOBJ1	680	After	Interior Girder 2	135	0.95	1	1	125.96506
Lane_str_opr	BOBJ1	680	After	Right Exterior Girder	135	0.95	1	1	177.701642
Lane_str_opr	BOBJ1	691.25	Before	Left Exterior Girder	146.25	0.95	1	1	179.062145
Lane_str_opr	BOBJ1	691.25	Before	Interior Girder 1	146.25	0.95	1	1	127.026576
Lane_str_opr	BOBJ1	691.25	Before	Interior Girder 2	146.25	0.95	1	1	127.026571
Lane_str_opr	BOBJ1	691.25	Before	Right Exterior Girder	146.25	0.95	1	1	179.062154
Lane_str_opr	BOBJ1	691.25	After	Left Exterior Girder	146.25	0.95	1	1	184.720975
Lane_str_opr	BOBJ1	691.25	After	Interior Girder 1	146.25	0.95	1	1	137.944548
Lane_str_opr	BOBJ1	691.25	After	Interior Girder 2	146.25	0.95	1	1	137.944554
Lane_str_opr	BOBJ1	691.25	After	Right Exterior Girder	146.25	0.95	1	1	184.720969
Lane_str_opr	BOBJ1	702.5	Before	Left Exterior Girder	157.5	0.95	1	1	183.335381
Lane_str_opr	BOBJ1	702.5	Before	Interior Girder 1	157.5	0.95	1	1	136.805952
Lane_str_opr	BOBJ1	702.5	Before	Interior Girder 2	157.5	0.95	1	1	136.805958
Lane_str_opr	BOBJ1	702.5	Before	Right Exterior Girder	157.5	0.95	1	1	183.335375
Lane_str_opr	BOBJ1	702.5	After	Left Exterior Girder	157.5	0.95	1	1	137.783761
Lane_str_opr	BOBJ1	702.5	After	Interior Girder 1	157.5	0.95	1	1	121.786263
Lane_str_opr	BOBJ1	702.5	After	Interior Girder 2	157.5	0.95	1	1	121.786269
Lane_str_opr	BOBJ1	702.5	After	Right Exterior Girder	157.5	0.95	1	1	137.783751
Lane_str_opr	BOBJ1	713.75	Before	Left Exterior Girder	168.75	0.95	1	1	136.737576
Lane_str_opr	BOBJ1	713.75	Before	Interior Girder 1	168.75	0.95	1	1	120.769294
Lane_str_opr	BOBJ1	713.75	Before	Interior Girder 2	168.75	0.95	1	1	120.769299
Lane_str_opr	BOBJ1	713.75	Before	Right Exterior Girder	168.75	0.95	1	1	136.737567
Lane_str_opr	BOBJ1	713.75	After	Left Exterior Girder	168.75	0.95	1	1	119.449886
Lane_str_opr	BOBJ1	713.75	After	Interior Girder 1	168.75	0.95	1	1	103.142648
Lane_str_opr	BOBJ1	713.75	After	Interior Girder 2	168.75	0.95	1	1	103.142649
Lane_str_opr	BOBJ1	713.75	After	Right Exterior Girder	168.75	0.95	1	1	119.449883
Lane_str_opr	BOBJ1	725	Before	Left Exterior Girder	180	0.95	1	1	118.532873
Lane_str_opr	BOBJ1	725	Before	Interior Girder 1	180	0.95	1	1	102.271791
Lane_str_opr	BOBJ1	725	Before	Interior Girder 2	180	0.95	1	1	102.271791
Lane_str_opr	BOBJ1	725	Before	Right Exterior Girder	180	0.95	1	1	118.53287
Lane_str_opr	BOBJ1	725	After	Left Exterior Girder	180	0.95	1	1	97.80643
Lane_str_opr	BOBJ1	725	After	Interior Girder 1	180	0.95	1	1	93.197594
Lane_str_opr	BOBJ1	725	After	Interior Girder 2	180	0.95	1	1	93.19759
Lane_str_opr	BOBJ1	725	After	Right Exterior Girder	180	0.95	1	1	97.806439
Lane_str_opr	BOBJ1	731.1726	Before	Left Exterior Girder	186.1726	0.95	1	1	97.389596
Lane_str_opr	BOBJ1	731.1726	Before	Interior Girder 1	186.1726	0.95	1	1	92.761045
Lane_str_opr	BOBJ1	731.1726	Before	Interior Girder 2	186.1726	0.95	1	1	92.761041
Lane_str_opr	BOBJ1	731.1726	Before	Right Exterior Girder	186.1726	0.95	1	1	97.389604
Lane_str_opr	BOBJ1	731.1726	After	Left Exterior Girder	186.1726	0.95	1	1	56.422523
Lane_str_opr	BOBJ1	731.1726	After	Interior Girder 1	186.1726	0.95	1	1	53.468037
Lane_str_opr	BOBJ1	731.1726	After	Interior Girder 2	186.1726	0.95	1	1	53.468033
Lane_str_opr	BOBJ1	731.1726	After	Right Exterior Girder	186.1726	0.95	1	1	56.422528
Lane_str_opr	BOBJ1	736.25	Before	Left Exterior Girder	191.25	0.95	1	1	56.162387
Lane_str_opr	BOBJ1	736.25	Before	Interior Girder 1	191.25	0.95	1	1	53.191399
Lane_str_opr	BOBJ1	736.25	Before	Interior Girder 2	191.25	0.95	1	1	53.191395
Lane_str_opr	BOBJ1	736.25	Before	Right Exterior Girder	191.25	0.95	1	1	56.162392
Lane_str_opr	BOBJ1	736.25	After	Left Exterior Girder	191.25	0.95	1	1	52.659597
Lane_str_opr	BOBJ1	736.25	After	Interior Girder 1	191.25	0.95	1	1	48.675262
Lane_str_opr	BOBJ1	736.25	After	Interior Girder 2	191.25	0.95	1	1	48.675261
Lane_str_opr	BOBJ1	736.25	After	Right Exterior Girder	191.25	0.95	1	1	52.659599
Lane_str_opr	BOBJ1	747.5	Before	Left Exterior Girder	202.5	0.95	1	1	52.117189
Lane_str_opr	BOBJ1	747.5	Before	Interior Girder 1	202.5	0.95	1	1	48.112359
Lane_str_opr	BOBJ1	747.5	Before	Interior Girder 2	202.5	0.95	1	1	48.112357
Lane_str_opr	BOBJ1	747.5	Before	Right Exterior Girder	202.5	0.95	1	1	52.117191
Lane_str_opr	BOBJ1	747.5	After	Left Exterior Girder	202.5	0.95	1	1	44.809832
Lane_str_opr	BOBJ1	747.5	After	Interior Girder 1	202.5	0.95	1	1	42.900128
Lane_str_opr	BOBJ1	747.5	After	Interior Girder 2	202.5	0.95	1	1	42.900125
Lane_str_opr	BOBJ1	747.5	After	Right Exterior Girder	202.5	0.95	1	1	44.809831
Lane_str_opr	BOBJ1	758.75	Before	Left Exterior Girder	213.75	0.95	1	1	44.339655
Lane_str_opr	BOBJ1	758.75	Before	Interior Girder 1	213.75	0.95	1	1	42.395417
Lane_str_opr	BOBJ1	758.75	Before	Interior Girder 2	213.75	0.95	1	1	42.395414
Lane_str_opr	BOBJ1	758.75	Before	Right Exterior Girder	213.75	0.95	1	1	44.339654

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Main Span Girders									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Lane_str_opr	BOBJ1	758.75	After	Left Exterior Girder	213.75	0.95	1	1	40.680381
Lane_str_opr	BOBJ1	758.75	After	Interior Girder 1	213.75	0.95	1	1	36.580143
Lane_str_opr	BOBJ1	758.75	After	Interior Girder 2	213.75	0.95	1	1	36.580139
Lane_str_opr	BOBJ1	758.75	After	Right Exterior Girder	213.75	0.95	1	1	40.680382
Lane_str_opr	BOBJ1	770	Before	Left Exterior Girder	225	0.95	1	1	40.246518
Lane_str_opr	BOBJ1	770	Before	Interior Girder 1	225	0.95	1	1	36.142617
Lane_str_opr	BOBJ1	770	Before	Interior Girder 2	225	0.95	1	1	36.142613
Lane_str_opr	BOBJ1	770	Before	Right Exterior Girder	225	0.95	1	1	40.246519
Lane_str_inv	BOBJ1	0	After	Left Exterior Girder	0	0.95	1	1	31.047427
Lane_str_inv	BOBJ1	0	After	Interior Girder 1	0	0.95	1	1	27.881204
Lane_str_inv	BOBJ1	0	After	Interior Girder 2	0	0.95	1	1	27.881206
Lane_str_inv	BOBJ1	0	After	Right Exterior Girder	0	0.95	1	1	31.047425
Lane_str_inv	BOBJ1	11.25	Before	Left Exterior Girder	11.25	0.95	1	1	31.382123
Lane_str_inv	BOBJ1	11.25	Before	Interior Girder 1	11.25	0.95	1	1	28.218721
Lane_str_inv	BOBJ1	11.25	Before	Interior Girder 2	11.25	0.95	1	1	28.218723
Lane_str_inv	BOBJ1	11.25	Before	Right Exterior Girder	11.25	0.95	1	1	31.38212
Lane_str_inv	BOBJ1	11.25	After	Left Exterior Girder	11.25	0.95	1	1	34.205558
Lane_str_inv	BOBJ1	11.25	After	Interior Girder 1	11.25	0.95	1	1	32.704761
Lane_str_inv	BOBJ1	11.25	After	Interior Girder 2	11.25	0.95	1	1	32.704763
Lane_str_inv	BOBJ1	11.25	After	Right Exterior Girder	11.25	0.95	1	1	34.205556
Lane_str_inv	BOBJ1	22.5	Before	Left Exterior Girder	22.5	0.95	1	1	34.568273
Lane_str_inv	BOBJ1	22.5	Before	Interior Girder 1	22.5	0.95	1	1	33.094106
Lane_str_inv	BOBJ1	22.5	Before	Interior Girder 2	22.5	0.95	1	1	33.094109
Lane_str_inv	BOBJ1	22.5	Before	Right Exterior Girder	22.5	0.95	1	1	34.56827
Lane_str_inv	BOBJ1	22.5	After	Left Exterior Girder	22.5	0.95	1	1	40.205992
Lane_str_inv	BOBJ1	22.5	After	Interior Girder 1	22.5	0.95	1	1	37.114634
Lane_str_inv	BOBJ1	22.5	After	Interior Girder 2	22.5	0.95	1	1	37.114633
Lane_str_inv	BOBJ1	22.5	After	Right Exterior Girder	22.5	0.95	1	1	40.205991
Lane_str_inv	BOBJ1	33.75	Before	Left Exterior Girder	33.75	0.95	1	1	40.624435
Lane_str_inv	BOBJ1	33.75	Before	Interior Girder 1	33.75	0.95	1	1	37.548867
Lane_str_inv	BOBJ1	33.75	Before	Interior Girder 2	33.75	0.95	1	1	37.548865
Lane_str_inv	BOBJ1	33.75	Before	Right Exterior Girder	33.75	0.95	1	1	40.624434
Lane_str_inv	BOBJ1	33.75	After	Left Exterior Girder	33.75	0.95	1	1	43.325435
Lane_str_inv	BOBJ1	33.75	After	Interior Girder 1	33.75	0.95	1	1	41.033238
Lane_str_inv	BOBJ1	33.75	After	Interior Girder 2	33.75	0.95	1	1	41.033235
Lane_str_inv	BOBJ1	33.75	After	Right Exterior Girder	33.75	0.95	1	1	43.325436
Lane_str_inv	BOBJ1	38.8274	Before	Left Exterior Girder	38.8274	0.95	1	1	43.526112
Lane_str_inv	BOBJ1	38.8274	Before	Interior Girder 1	38.8274	0.95	1	1	41.246644
Lane_str_inv	BOBJ1	38.8274	Before	Interior Girder 2	38.8274	0.95	1	1	41.246641
Lane_str_inv	BOBJ1	38.8274	Before	Right Exterior Girder	38.8274	0.95	1	1	43.526113
Lane_str_inv	BOBJ1	38.8274	After	Left Exterior Girder	38.8274	0.95	1	1	75.129427
Lane_str_inv	BOBJ1	38.8274	After	Interior Girder 1	38.8274	0.95	1	1	71.561123
Lane_str_inv	BOBJ1	38.8274	After	Interior Girder 2	38.8274	0.95	1	1	71.561118
Lane_str_inv	BOBJ1	38.8274	After	Right Exterior Girder	38.8274	0.95	1	1	75.129427
Lane_str_inv	BOBJ1	45	Before	Left Exterior Girder	45	0.95	1	1	75.450986
Lane_str_inv	BOBJ1	45	Before	Interior Girder 1	45	0.95	1	1	71.897901
Lane_str_inv	BOBJ1	45	Before	Interior Girder 2	45	0.95	1	1	71.897896
Lane_str_inv	BOBJ1	45	Before	Right Exterior Girder	45	0.95	1	1	75.450986
Lane_str_inv	BOBJ1	45	After	Left Exterior Girder	45	0.95	1	1	91.439118
Lane_str_inv	BOBJ1	45	After	Interior Girder 1	45	0.95	1	1	78.897054
Lane_str_inv	BOBJ1	45	After	Interior Girder 2	45	0.95	1	1	78.897047
Lane_str_inv	BOBJ1	45	After	Right Exterior Girder	45	0.95	1	1	91.439116
Lane_str_inv	BOBJ1	56.25	Before	Left Exterior Girder	56.25	0.95	1	1	92.146524
Lane_str_inv	BOBJ1	56.25	Before	Interior Girder 1	56.25	0.95	1	1	79.568873
Lane_str_inv	BOBJ1	56.25	Before	Interior Girder 2	56.25	0.95	1	1	79.568866
Lane_str_inv	BOBJ1	56.25	Before	Right Exterior Girder	56.25	0.95	1	1	92.146522
Lane_str_inv	BOBJ1	56.25	After	Left Exterior Girder	56.25	0.95	1	1	105.484216
Lane_str_inv	BOBJ1	56.25	After	Interior Girder 1	56.25	0.95	1	1	93.16412
Lane_str_inv	BOBJ1	56.25	After	Interior Girder 2	56.25	0.95	1	1	93.164112
Lane_str_inv	BOBJ1	56.25	After	Right Exterior Girder	56.25	0.95	1	1	105.484211
Lane_str_inv	BOBJ1	67.5	Before	Left Exterior Girder	67.5	0.95	1	1	106.29128
Lane_str_inv	BOBJ1	67.5	Before	Interior Girder 1	67.5	0.95	1	1	93.948633
Lane_str_inv	BOBJ1	67.5	Before	Interior Girder 2	67.5	0.95	1	1	93.948625
Lane_str_inv	BOBJ1	67.5	Before	Right Exterior Girder	67.5	0.95	1	1	106.291275
Lane_str_inv	BOBJ1	67.5	After	Left Exterior Girder	67.5	0.95	1	1	141.429322
Lane_str_inv	BOBJ1	67.5	After	Interior Girder 1	67.5	0.95	1	1	105.536039
Lane_str_inv	BOBJ1	67.5	After	Interior Girder 2	67.5	0.95	1	1	105.536047
Lane_str_inv	BOBJ1	67.5	After	Right Exterior Girder	67.5	0.95	1	1	141.429275

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Main Span Girders									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Lane_str_inv	BOBJ1	78.75	Before	Left Exterior Girder	78.75	0.95	1	1	142.498202
Lane_str_inv	BOBJ1	78.75	Before	Interior Girder 1	78.75	0.95	1	1	106.414384
Lane_str_inv	BOBJ1	78.75	Before	Interior Girder 2	78.75	0.95	1	1	106.414392
Lane_str_inv	BOBJ1	78.75	Before	Right Exterior Girder	78.75	0.95	1	1	142.498156
Lane_str_inv	BOBJ1	78.75	After	Left Exterior Girder	78.75	0.95	1	1	138.132342
Lane_str_inv	BOBJ1	78.75	After	Interior Girder 1	78.75	0.95	1	1	97.995205
Lane_str_inv	BOBJ1	78.75	After	Interior Girder 2	78.75	0.95	1	1	97.995202
Lane_str_inv	BOBJ1	78.75	After	Right Exterior Girder	78.75	0.95	1	1	138.132346
Lane_str_inv	BOBJ1	90	Before	Left Exterior Girder	90	0.95	1	1	137.082815
Lane_str_inv	BOBJ1	90	Before	Interior Girder 1	90	0.95	1	1	97.176298
Lane_str_inv	BOBJ1	90	Before	Interior Girder 2	90	0.95	1	1	97.176295
Lane_str_inv	BOBJ1	90	Before	Right Exterior Girder	90	0.95	1	1	137.082818
Lane_str_inv	BOBJ1	90	After	Left Exterior Girder	90	0.95	1	1	114.194145
Lane_str_inv	BOBJ1	90	After	Interior Girder 1	90	0.95	1	1	91.504332
Lane_str_inv	BOBJ1	90	After	Interior Girder 2	90	0.95	1	1	91.504325
Lane_str_inv	BOBJ1	90	After	Right Exterior Girder	90	0.95	1	1	114.194158
Lane_str_inv	BOBJ1	101.25	Before	Left Exterior Girder	101.25	0.95	1	1	113.31574
Lane_str_inv	BOBJ1	101.25	Before	Interior Girder 1	101.25	0.95	1	1	90.730608
Lane_str_inv	BOBJ1	101.25	Before	Interior Girder 2	101.25	0.95	1	1	90.7306
Lane_str_inv	BOBJ1	101.25	Before	Right Exterior Girder	101.25	0.95	1	1	113.315753
Lane_str_inv	BOBJ1	101.25	After	Left Exterior Girder	101.25	0.95	1	1	100.246351
Lane_str_inv	BOBJ1	101.25	After	Interior Girder 1	101.25	0.95	1	1	77.799102
Lane_str_inv	BOBJ1	101.25	After	Interior Girder 2	101.25	0.95	1	1	77.799096
Lane_str_inv	BOBJ1	101.25	After	Right Exterior Girder	101.25	0.95	1	1	100.24636
Lane_str_inv	BOBJ1	112.5	Before	Left Exterior Girder	112.5	0.95	1	1	99.466598
Lane_str_inv	BOBJ1	112.5	Before	Interior Girder 1	112.5	0.95	1	1	77.133854
Lane_str_inv	BOBJ1	112.5	Before	Interior Girder 2	112.5	0.95	1	1	77.133847
Lane_str_inv	BOBJ1	112.5	Before	Right Exterior Girder	112.5	0.95	1	1	99.466607
Lane_str_inv	BOBJ1	112.5	After	Left Exterior Girder	112.5	0.95	1	1	81.348635
Lane_str_inv	BOBJ1	112.5	After	Interior Girder 1	112.5	0.95	1	1	71.345147
Lane_str_inv	BOBJ1	112.5	After	Interior Girder 2	112.5	0.95	1	1	71.345147
Lane_str_inv	BOBJ1	112.5	After	Right Exterior Girder	112.5	0.95	1	1	81.348634
Lane_str_inv	BOBJ1	123.75	Before	Left Exterior Girder	123.75	0.95	1	1	80.707873
Lane_str_inv	BOBJ1	123.75	Before	Interior Girder 1	123.75	0.95	1	1	70.727657
Lane_str_inv	BOBJ1	123.75	Before	Interior Girder 2	123.75	0.95	1	1	70.727657
Lane_str_inv	BOBJ1	123.75	Before	Right Exterior Girder	123.75	0.95	1	1	80.707872
Lane_str_inv	BOBJ1	123.75	After	Left Exterior Girder	123.75	0.95	1	1	73.856698
Lane_str_inv	BOBJ1	123.75	After	Interior Girder 1	123.75	0.95	1	1	64.163649
Lane_str_inv	BOBJ1	123.75	After	Interior Girder 2	123.75	0.95	1	1	64.163649
Lane_str_inv	BOBJ1	123.75	After	Right Exterior Girder	123.75	0.95	1	1	73.856697
Lane_str_inv	BOBJ1	126.4381	Before	Left Exterior Girder	126.4381	0.95	1	1	73.716205
Lane_str_inv	BOBJ1	126.4381	Before	Interior Girder 1	126.4381	0.95	1	1	64.02966
Lane_str_inv	BOBJ1	126.4381	Before	Interior Girder 2	126.4381	0.95	1	1	64.02966
Lane_str_inv	BOBJ1	126.4381	Before	Right Exterior Girder	126.4381	0.95	1	1	73.716204
Lane_str_inv	BOBJ1	126.4381	After	Left Exterior Girder	126.4381	0.95	1	1	42.917175
Lane_str_inv	BOBJ1	126.4381	After	Interior Girder 1	126.4381	0.95	1	1	36.478669
Lane_str_inv	BOBJ1	126.4381	After	Interior Girder 2	126.4381	0.95	1	1	36.478669
Lane_str_inv	BOBJ1	126.4381	After	Right Exterior Girder	126.4381	0.95	1	1	42.917174
Lane_str_inv	BOBJ1	135	Before	Left Exterior Girder	135	0.95	1	1	42.571517
Lane_str_inv	BOBJ1	135	Before	Interior Girder 1	135	0.95	1	1	36.148977
Lane_str_inv	BOBJ1	135	Before	Interior Girder 2	135	0.95	1	1	36.148977
Lane_str_inv	BOBJ1	135	Before	Right Exterior Girder	135	0.95	1	1	42.571516
Lane_str_inv	BOBJ1	135	After	Left Exterior Girder	135	0.95	1	1	36.500268
Lane_str_inv	BOBJ1	135	After	Interior Girder 1	135	0.95	1	1	33.757864
Lane_str_inv	BOBJ1	135	After	Interior Girder 2	135	0.95	1	1	33.757864
Lane_str_inv	BOBJ1	135	After	Right Exterior Girder	135	0.95	1	1	36.500267
Lane_str_inv	BOBJ1	146.25	Before	Left Exterior Girder	146.25	0.95	1	1	36.108085
Lane_str_inv	BOBJ1	146.25	Before	Interior Girder 1	146.25	0.95	1	1	33.351094
Lane_str_inv	BOBJ1	146.25	Before	Interior Girder 2	146.25	0.95	1	1	33.351094
Lane_str_inv	BOBJ1	146.25	Before	Right Exterior Girder	146.25	0.95	1	1	36.108085
Lane_str_inv	BOBJ1	146.25	After	Left Exterior Girder	146.25	0.95	1	1	32.886173
Lane_str_inv	BOBJ1	146.25	After	Interior Girder 1	146.25	0.95	1	1	29.539389
Lane_str_inv	BOBJ1	146.25	After	Interior Girder 2	146.25	0.95	1	1	29.539389
Lane_str_inv	BOBJ1	146.25	After	Right Exterior Girder	146.25	0.95	1	1	32.886172
Lane_str_inv	BOBJ1	157.5	Before	Left Exterior Girder	157.5	0.95	1	1	32.526862
Lane_str_inv	BOBJ1	157.5	Before	Interior Girder 1	157.5	0.95	1	1	29.177387
Lane_str_inv	BOBJ1	157.5	Before	Interior Girder 2	157.5	0.95	1	1	29.177387
Lane_str_inv	BOBJ1	157.5	Before	Right Exterior Girder	157.5	0.95	1	1	32.526861

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Main Span Girders									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Lane_str_inv	BOBJ1	157.5	After	Left Exterior Girder	157.5	0.95	1	1	28.499267
Lane_str_inv	BOBJ1	157.5	After	Interior Girder 1	157.5	0.95	1	1	26.37771
Lane_str_inv	BOBJ1	157.5	After	Interior Girder 2	157.5	0.95	1	1	26.377711
Lane_str_inv	BOBJ1	157.5	After	Right Exterior Girder	157.5	0.95	1	1	28.499267
Lane_str_inv	BOBJ1	168.2522	Before	Left Exterior Girder	168.2522	0.95	1	1	28.196022
Lane_str_inv	BOBJ1	168.2522	Before	Interior Girder 1	168.2522	0.95	1	1	26.06289
Lane_str_inv	BOBJ1	168.2522	Before	Interior Girder 2	168.2522	0.95	1	1	26.062891
Lane_str_inv	BOBJ1	168.2522	Before	Right Exterior Girder	168.2522	0.95	1	1	28.196022
Lane_str_inv	BOBJ1	168.2522	After	Left Exterior Girder	168.2522	0.95	1	1	38.914093
Lane_str_inv	BOBJ1	168.2522	After	Interior Girder 1	168.2522	0.95	1	1	38.22124
Lane_str_inv	BOBJ1	168.2522	After	Interior Girder 2	168.2522	0.95	1	1	38.221242
Lane_str_inv	BOBJ1	168.2522	After	Right Exterior Girder	168.2522	0.95	1	1	38.914093
Lane_str_inv	BOBJ1	168.75	Before	Left Exterior Girder	168.75	0.95	1	1	38.898574
Lane_str_inv	BOBJ1	168.75	Before	Interior Girder 1	168.75	0.95	1	1	38.204686
Lane_str_inv	BOBJ1	168.75	Before	Interior Girder 2	168.75	0.95	1	1	38.204688
Lane_str_inv	BOBJ1	168.75	Before	Right Exterior Girder	168.75	0.95	1	1	38.898574
Lane_str_inv	BOBJ1	168.75	After	Left Exterior Girder	168.75	0.95	1	1	40.615775
Lane_str_inv	BOBJ1	168.75	After	Interior Girder 1	168.75	0.95	1	1	36.242278
Lane_str_inv	BOBJ1	168.75	After	Interior Girder 2	168.75	0.95	1	1	36.242279
Lane_str_inv	BOBJ1	168.75	After	Right Exterior Girder	168.75	0.95	1	1	40.615775
Lane_str_inv	BOBJ1	180	Before	Left Exterior Girder	180	0.95	1	1	40.251129
Lane_str_inv	BOBJ1	180	Before	Interior Girder 1	180	0.95	1	1	35.884501
Lane_str_inv	BOBJ1	180	Before	Interior Girder 2	180	0.95	1	1	35.884502
Lane_str_inv	BOBJ1	180	Before	Right Exterior Girder	180	0.95	1	1	40.251129
Lane_str_inv	BOBJ1	180	After	Left Exterior Girder	180	0.95	1	1	37.018426
Lane_str_inv	BOBJ1	180	After	Interior Girder 1	180	0.95	1	1	33.409494
Lane_str_inv	BOBJ1	180	After	Interior Girder 2	180	0.95	1	1	33.409495
Lane_str_inv	BOBJ1	180	After	Right Exterior Girder	180	0.95	1	1	37.018425
Lane_str_inv	BOBJ1	183.1858	Before	Left Exterior Girder	183.1858	0.95	1	1	36.923021
Lane_str_inv	BOBJ1	183.1858	Before	Interior Girder 1	183.1858	0.95	1	1	33.314927
Lane_str_inv	BOBJ1	183.1858	Before	Interior Girder 2	183.1858	0.95	1	1	33.314928
Lane_str_inv	BOBJ1	183.1858	Before	Right Exterior Girder	183.1858	0.95	1	1	36.92302
Lane_str_inv	BOBJ1	183.1858	After	Left Exterior Girder	183.1858	0.95	1	1	57.245831
Lane_str_inv	BOBJ1	183.1858	After	Interior Girder 1	183.1858	0.95	1	1	50.341753
Lane_str_inv	BOBJ1	183.1858	After	Interior Girder 2	183.1858	0.95	1	1	50.341753
Lane_str_inv	BOBJ1	183.1858	After	Right Exterior Girder	183.1858	0.95	1	1	57.245831
Lane_str_inv	BOBJ1	191.25	Before	Left Exterior Girder	191.25	0.95	1	1	56.947801
Lane_str_inv	BOBJ1	191.25	Before	Interior Girder 1	191.25	0.95	1	1	50.059024
Lane_str_inv	BOBJ1	191.25	Before	Interior Girder 2	191.25	0.95	1	1	50.059025
Lane_str_inv	BOBJ1	191.25	Before	Right Exterior Girder	191.25	0.95	1	1	56.9478
Lane_str_inv	BOBJ1	191.25	After	Left Exterior Girder	191.25	0.95	1	1	53.900064
Lane_str_inv	BOBJ1	191.25	After	Interior Girder 1	191.25	0.95	1	1	45.734735
Lane_str_inv	BOBJ1	191.25	After	Interior Girder 2	191.25	0.95	1	1	45.734735
Lane_str_inv	BOBJ1	191.25	After	Right Exterior Girder	191.25	0.95	1	1	53.900064
Lane_str_inv	BOBJ1	199.9414	Before	Left Exterior Girder	199.9414	0.95	1	1	53.595469
Lane_str_inv	BOBJ1	199.9414	Before	Interior Girder 1	199.9414	0.95	1	1	45.455868
Lane_str_inv	BOBJ1	199.9414	Before	Interior Girder 2	199.9414	0.95	1	1	45.455869
Lane_str_inv	BOBJ1	199.9414	Before	Right Exterior Girder	199.9414	0.95	1	1	53.595469
Lane_str_inv	BOBJ1	199.9414	After	Left Exterior Girder	199.9414	0.95	1	1	68.198019
Lane_str_inv	BOBJ1	199.9414	After	Interior Girder 1	199.9414	0.95	1	1	56.460276
Lane_str_inv	BOBJ1	199.9414	After	Interior Girder 2	199.9414	0.95	1	1	56.460277
Lane_str_inv	BOBJ1	199.9414	After	Right Exterior Girder	199.9414	0.95	1	1	68.198019
Lane_str_inv	BOBJ1	202.5	Before	Left Exterior Girder	202.5	0.95	1	1	68.096035
Lane_str_inv	BOBJ1	202.5	Before	Interior Girder 1	202.5	0.95	1	1	56.370255
Lane_str_inv	BOBJ1	202.5	Before	Interior Girder 2	202.5	0.95	1	1	56.370255
Lane_str_inv	BOBJ1	202.5	Before	Right Exterior Girder	202.5	0.95	1	1	68.096035
Lane_str_inv	BOBJ1	202.5	After	Left Exterior Girder	202.5	0.95	1	1	66.120573
Lane_str_inv	BOBJ1	202.5	After	Interior Girder 1	202.5	0.95	1	1	53.854194
Lane_str_inv	BOBJ1	202.5	After	Interior Girder 2	202.5	0.95	1	1	53.854194
Lane_str_inv	BOBJ1	202.5	After	Right Exterior Girder	202.5	0.95	1	1	66.120573
Lane_str_inv	BOBJ1	210.5642	Before	Left Exterior Girder	210.5642	0.95	1	1	65.808149
Lane_str_inv	BOBJ1	210.5642	Before	Interior Girder 1	210.5642	0.95	1	1	53.582635
Lane_str_inv	BOBJ1	210.5642	Before	Interior Girder 2	210.5642	0.95	1	1	53.582636
Lane_str_inv	BOBJ1	210.5642	Before	Right Exterior Girder	210.5642	0.95	1	1	65.808149
Lane_str_inv	BOBJ1	210.5642	After	Left Exterior Girder	210.5642	0.95	1	1	79.306646
Lane_str_inv	BOBJ1	210.5642	After	Interior Girder 1	210.5642	0.95	1	1	62.752692
Lane_str_inv	BOBJ1	210.5642	After	Interior Girder 2	210.5642	0.95	1	1	62.752692
Lane_str_inv	BOBJ1	210.5642	After	Right Exterior Girder	210.5642	0.95	1	1	79.306646

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Main Span Girders									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Lane_str_inv	BOBJ1	213.75	Before	Left Exterior Girder	213.75	0.95	1	1	79.168851
Lane_str_inv	BOBJ1	213.75	Before	Interior Girder 1	213.75	0.95	1	1	62.637317
Lane_str_inv	BOBJ1	213.75	Before	Interior Girder 2	213.75	0.95	1	1	62.637317
Lane_str_inv	BOBJ1	213.75	Before	Right Exterior Girder	213.75	0.95	1	1	79.168851
Lane_str_inv	BOBJ1	213.75	After	Left Exterior Girder	213.75	0.95	1	1	76.319327
Lane_str_inv	BOBJ1	213.75	After	Interior Girder 1	213.75	0.95	1	1	58.393561
Lane_str_inv	BOBJ1	213.75	After	Interior Girder 2	213.75	0.95	1	1	58.393561
Lane_str_inv	BOBJ1	213.75	After	Right Exterior Girder	213.75	0.95	1	1	76.319328
Lane_str_inv	BOBJ1	225	Before	Left Exterior Girder	225	0.95	1	1	75.84987
Lane_str_inv	BOBJ1	225	Before	Interior Girder 1	225	0.95	1	1	58.013366
Lane_str_inv	BOBJ1	225	Before	Interior Girder 2	225	0.95	1	1	58.013366
Lane_str_inv	BOBJ1	225	Before	Right Exterior Girder	225	0.95	1	1	75.84987
Lane_str_inv	BOBJ1	225	After	Left Exterior Girder	0	0.95	1	1	63.18279
Lane_str_inv	BOBJ1	225	After	Interior Girder 1	0	0.95	1	1	51.489972
Lane_str_inv	BOBJ1	225	After	Interior Girder 2	0	0.95	1	1	51.489972
Lane_str_inv	BOBJ1	225	After	Right Exterior Girder	0	0.95	1	1	63.18279
Lane_str_inv	BOBJ1	236.45	Before	Left Exterior Girder	11.45	0.95	1	1	65.2902
Lane_str_inv	BOBJ1	236.45	Before	Interior Girder 1	11.45	0.95	1	1	54.83432
Lane_str_inv	BOBJ1	236.45	Before	Interior Girder 2	11.45	0.95	1	1	54.83432
Lane_str_inv	BOBJ1	236.45	Before	Right Exterior Girder	11.45	0.95	1	1	65.2902
Lane_str_inv	BOBJ1	236.45	After	Left Exterior Girder	11.45	0.95	1	1	66.543643
Lane_str_inv	BOBJ1	236.45	After	Interior Girder 1	11.45	0.95	1	1	56.911344
Lane_str_inv	BOBJ1	236.45	After	Interior Girder 2	11.45	0.95	1	1	56.911345
Lane_str_inv	BOBJ1	236.45	After	Right Exterior Girder	11.45	0.95	1	1	66.543642
Lane_str_inv	BOBJ1	239.5082	Before	Left Exterior Girder	14.5082	0.95	1	1	66.655993
Lane_str_inv	BOBJ1	239.5082	Before	Interior Girder 1	14.5082	0.95	1	1	57.012983
Lane_str_inv	BOBJ1	239.5082	Before	Interior Girder 2	14.5082	0.95	1	1	57.012983
Lane_str_inv	BOBJ1	239.5082	Before	Right Exterior Girder	14.5082	0.95	1	1	66.655993
Lane_str_inv	BOBJ1	239.5082	After	Left Exterior Girder	14.5082	0.95	1	1	54.958313
Lane_str_inv	BOBJ1	239.5082	After	Interior Girder 1	14.5082	0.95	1	1	48.355557
Lane_str_inv	BOBJ1	239.5082	After	Interior Girder 2	14.5082	0.95	1	1	48.355557
Lane_str_inv	BOBJ1	239.5082	After	Right Exterior Girder	14.5082	0.95	1	1	54.958313
Lane_str_inv	BOBJ1	247.9	Before	Left Exterior Girder	22.9	0.95	1	1	55.2334
Lane_str_inv	BOBJ1	247.9	Before	Interior Girder 1	22.9	0.95	1	1	48.61382
Lane_str_inv	BOBJ1	247.9	Before	Interior Girder 2	22.9	0.95	1	1	48.61382
Lane_str_inv	BOBJ1	247.9	Before	Right Exterior Girder	22.9	0.95	1	1	55.2334
Lane_str_inv	BOBJ1	247.9	After	Left Exterior Girder	22.9	0.95	1	1	58.419066
Lane_str_inv	BOBJ1	247.9	After	Interior Girder 1	22.9	0.95	1	1	53.178382
Lane_str_inv	BOBJ1	247.9	After	Interior Girder 2	22.9	0.95	1	1	53.178382
Lane_str_inv	BOBJ1	247.9	After	Right Exterior Girder	22.9	0.95	1	1	58.419065
Lane_str_inv	BOBJ1	258.5189	Before	Left Exterior Girder	33.5189	0.95	1	1	58.786396
Lane_str_inv	BOBJ1	258.5189	Before	Interior Girder 1	33.5189	0.95	1	1	53.535152
Lane_str_inv	BOBJ1	258.5189	Before	Interior Girder 2	33.5189	0.95	1	1	53.535152
Lane_str_inv	BOBJ1	258.5189	Before	Right Exterior Girder	33.5189	0.95	1	1	58.786396
Lane_str_inv	BOBJ1	258.5189	After	Left Exterior Girder	33.5189	0.95	1	1	44.670584
Lane_str_inv	BOBJ1	258.5189	After	Interior Girder 1	33.5189	0.95	1	1	43.868966
Lane_str_inv	BOBJ1	258.5189	After	Interior Girder 2	33.5189	0.95	1	1	43.868966
Lane_str_inv	BOBJ1	258.5189	After	Right Exterior Girder	33.5189	0.95	1	1	44.670584
Lane_str_inv	BOBJ1	259.3	Before	Left Exterior Girder	34.3	0.95	1	1	44.693698
Lane_str_inv	BOBJ1	259.3	Before	Interior Girder 1	34.3	0.95	1	1	43.893288
Lane_str_inv	BOBJ1	259.3	Before	Interior Girder 2	34.3	0.95	1	1	43.893288
Lane_str_inv	BOBJ1	259.3	Before	Right Exterior Girder	34.3	0.95	1	1	44.693698
Lane_str_inv	BOBJ1	259.3	After	Left Exterior Girder	34.3	0.95	1	1	46.458397
Lane_str_inv	BOBJ1	259.3	After	Interior Girder 1	34.3	0.95	1	1	43.398609
Lane_str_inv	BOBJ1	259.3	After	Interior Girder 2	34.3	0.95	1	1	43.398609
Lane_str_inv	BOBJ1	259.3	After	Right Exterior Girder	34.3	0.95	1	1	46.458397
Lane_str_inv	BOBJ1	266.1031	Before	Left Exterior Girder	41.1031	0.95	1	1	46.666769
Lane_str_inv	BOBJ1	266.1031	Before	Interior Girder 1	41.1031	0.95	1	1	43.608572
Lane_str_inv	BOBJ1	266.1031	Before	Interior Girder 2	41.1031	0.95	1	1	43.608572
Lane_str_inv	BOBJ1	266.1031	Before	Right Exterior Girder	41.1031	0.95	1	1	46.666769
Lane_str_inv	BOBJ1	266.1031	After	Left Exterior Girder	41.1031	0.95	1	1	29.706439
Lane_str_inv	BOBJ1	266.1031	After	Interior Girder 1	41.1031	0.95	1	1	28.332772
Lane_str_inv	BOBJ1	266.1031	After	Interior Girder 2	41.1031	0.95	1	1	28.332773
Lane_str_inv	BOBJ1	266.1031	After	Right Exterior Girder	41.1031	0.95	1	1	29.706439
Lane_str_inv	BOBJ1	270.7	Before	Left Exterior Girder	45.7	0.95	1	1	29.820096
Lane_str_inv	BOBJ1	270.7	Before	Interior Girder 1	45.7	0.95	1	1	28.451913
Lane_str_inv	BOBJ1	270.7	Before	Interior Girder 2	45.7	0.95	1	1	28.451913
Lane_str_inv	BOBJ1	270.7	Before	Right Exterior Girder	45.7	0.95	1	1	29.820096

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Main Span Girders									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Lane_str_inv	BOBJ1	270.7	After	Left Exterior Girder	45.7	0.95	1	1	30.958333
Lane_str_inv	BOBJ1	270.7	After	Interior Girder 1	45.7	0.95	1	1	29.313599
Lane_str_inv	BOBJ1	270.7	After	Interior Girder 2	45.7	0.95	1	1	29.313599
Lane_str_inv	BOBJ1	270.7	After	Right Exterior Girder	45.7	0.95	1	1	30.958333
Lane_str_inv	BOBJ1	273.6874	Before	Left Exterior Girder	48.6874	0.95	1	1	31.034869
Lane_str_inv	BOBJ1	273.6874	Before	Interior Girder 1	48.6874	0.95	1	1	29.393121
Lane_str_inv	BOBJ1	273.6874	Before	Interior Girder 2	48.6874	0.95	1	1	29.393121
Lane_str_inv	BOBJ1	273.6874	Before	Right Exterior Girder	48.6874	0.95	1	1	31.034869
Lane_str_inv	BOBJ1	273.6874	After	Left Exterior Girder	48.6874	0.95	1	1	20.246468
Lane_str_inv	BOBJ1	273.6874	After	Interior Girder 1	48.6874	0.95	1	1	19.443779
Lane_str_inv	BOBJ1	273.6874	After	Interior Girder 2	48.6874	0.95	1	1	19.44378
Lane_str_inv	BOBJ1	273.6874	After	Right Exterior Girder	48.6874	0.95	1	1	20.246468
Lane_str_inv	BOBJ1	282.15	Before	Left Exterior Girder	57.15	0.95	1	1	20.427613
Lane_str_inv	BOBJ1	282.15	Before	Interior Girder 1	57.15	0.95	1	1	19.638915
Lane_str_inv	BOBJ1	282.15	Before	Interior Girder 2	57.15	0.95	1	1	19.638915
Lane_str_inv	BOBJ1	282.15	Before	Right Exterior Girder	57.15	0.95	1	1	20.427613
Lane_str_inv	BOBJ1	282.15	After	Left Exterior Girder	57.15	0.95	1	1	21.272456
Lane_str_inv	BOBJ1	282.15	After	Interior Girder 1	57.15	0.95	1	1	20.866739
Lane_str_inv	BOBJ1	282.15	After	Interior Girder 2	57.15	0.95	1	1	20.866739
Lane_str_inv	BOBJ1	282.15	After	Right Exterior Girder	57.15	0.95	1	1	21.272456
Lane_str_inv	BOBJ1	293.6	Before	Left Exterior Girder	68.6	0.95	1	1	22.254131
Lane_str_inv	BOBJ1	293.6	Before	Interior Girder 1	68.6	0.95	1	1	22.188874
Lane_str_inv	BOBJ1	293.6	Before	Interior Girder 2	68.6	0.95	1	1	22.188874
Lane_str_inv	BOBJ1	293.6	Before	Right Exterior Girder	68.6	0.95	1	1	22.254131
Lane_str_inv	BOBJ1	293.6	After	Left Exterior Girder	68.6	0.95	1	1	24.072342
Lane_str_inv	BOBJ1	293.6	After	Interior Girder 1	68.6	0.95	1	1	23.103175
Lane_str_inv	BOBJ1	293.6	After	Interior Girder 2	68.6	0.95	1	1	23.103175
Lane_str_inv	BOBJ1	293.6	After	Right Exterior Girder	68.6	0.95	1	1	24.072343
Lane_str_inv	BOBJ1	305	Before	Left Exterior Girder	80	0.95	1	1	25.287053
Lane_str_inv	BOBJ1	305	Before	Interior Girder 1	80	0.95	1	1	24.605488
Lane_str_inv	BOBJ1	305	Before	Interior Girder 2	80	0.95	1	1	24.605488
Lane_str_inv	BOBJ1	305	Before	Right Exterior Girder	80	0.95	1	1	25.287054
Lane_str_inv	BOBJ1	305	After	Left Exterior Girder	80	0.95	1	1	25.188118
Lane_str_inv	BOBJ1	305	After	Interior Girder 1	80	0.95	1	1	25.79356
Lane_str_inv	BOBJ1	305	After	Interior Girder 2	80	0.95	1	1	25.79356
Lane_str_inv	BOBJ1	305	After	Right Exterior Girder	80	0.95	1	1	25.18812
Lane_str_inv	BOBJ1	306.9561	Before	Left Exterior Girder	81.9561	0.95	1	1	25.237839
Lane_str_inv	BOBJ1	306.9561	Before	Interior Girder 1	81.9561	0.95	1	1	25.850254
Lane_str_inv	BOBJ1	306.9561	Before	Interior Girder 2	81.9561	0.95	1	1	25.850254
Lane_str_inv	BOBJ1	306.9561	Before	Right Exterior Girder	81.9561	0.95	1	1	25.237841
Lane_str_inv	BOBJ1	306.9561	After	Left Exterior Girder	81.9561	0.95	1	1	45.551631
Lane_str_inv	BOBJ1	306.9561	After	Interior Girder 1	81.9561	0.95	1	1	45.285494
Lane_str_inv	BOBJ1	306.9561	After	Interior Girder 2	81.9561	0.95	1	1	45.285494
Lane_str_inv	BOBJ1	306.9561	After	Right Exterior Girder	81.9561	0.95	1	1	45.551634
Lane_str_inv	BOBJ1	316.4	Before	Left Exterior Girder	91.4	0.95	1	1	45.879249
Lane_str_inv	BOBJ1	316.4	Before	Interior Girder 1	91.4	0.95	1	1	45.642457
Lane_str_inv	BOBJ1	316.4	Before	Interior Girder 2	91.4	0.95	1	1	45.642456
Lane_str_inv	BOBJ1	316.4	Before	Right Exterior Girder	91.4	0.95	1	1	45.879252
Lane_str_inv	BOBJ1	316.4	After	Left Exterior Girder	91.4	0.95	1	1	51.204996
Lane_str_inv	BOBJ1	316.4	After	Interior Girder 1	91.4	0.95	1	1	47.892823
Lane_str_inv	BOBJ1	316.4	After	Interior Girder 2	91.4	0.95	1	1	47.892823
Lane_str_inv	BOBJ1	316.4	After	Right Exterior Girder	91.4	0.95	1	1	51.204997
Lane_str_inv	BOBJ1	327.85	Before	Left Exterior Girder	102.9679	0.95	1	1	53.833838
Lane_str_inv	BOBJ1	327.85	Before	Interior Girder 1	102.9679	0.95	1	1	50.987039
Lane_str_inv	BOBJ1	327.85	Before	Interior Girder 2	102.9679	0.95	1	1	50.987039
Lane_str_inv	BOBJ1	327.85	Before	Right Exterior Girder	102.9679	0.95	1	1	53.833839
Lane_str_inv	BOBJ1	327.85	After	Left Exterior Girder	102.9679	0.95	1	1	86.058776
Lane_str_inv	BOBJ1	327.85	After	Interior Girder 1	102.9679	0.95	1	1	82.270588
Lane_str_inv	BOBJ1	327.85	After	Interior Girder 2	102.9679	0.95	1	1	82.270588
Lane_str_inv	BOBJ1	327.85	After	Right Exterior Girder	102.9679	0.95	1	1	86.058777
Lane_str_inv	BOBJ1	339.3	Before	Left Exterior Girder	114.3	0.95	1	1	90.392183
Lane_str_inv	BOBJ1	339.3	Before	Interior Girder 1	114.3	0.95	1	1	87.344704
Lane_str_inv	BOBJ1	339.3	Before	Interior Girder 2	114.3	0.95	1	1	87.344704
Lane_str_inv	BOBJ1	339.3	Before	Right Exterior Girder	114.3	0.95	1	1	90.392185
Lane_str_inv	BOBJ1	339.3	After	Left Exterior Girder	114.3	0.95	1	1	101.674474
Lane_str_inv	BOBJ1	339.3	After	Interior Girder 1	114.3	0.95	1	1	89.724274
Lane_str_inv	BOBJ1	339.3	After	Interior Girder 2	114.3	0.95	1	1	89.724272
Lane_str_inv	BOBJ1	339.3	After	Right Exterior Girder	114.3	0.95	1	1	101.674472

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Main Span Girders									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Lane_str_inv	BOBJ1	350.7	Before	Left Exterior Girder	125.7	0.95	1	1	107.064276
Lane_str_inv	BOBJ1	350.7	Before	Interior Girder 1	125.7	0.95	1	1	95.650672
Lane_str_inv	BOBJ1	350.7	Before	Interior Girder 2	125.7	0.95	1	1	95.65067
Lane_str_inv	BOBJ1	350.7	Before	Right Exterior Girder	125.7	0.95	1	1	107.064276
Lane_str_inv	BOBJ1	350.7	After	Left Exterior Girder	125.7	0.95	1	1	112.621571
Lane_str_inv	BOBJ1	350.7	After	Interior Girder 1	125.7	0.95	1	1	101.314022
Lane_str_inv	BOBJ1	350.7	After	Interior Girder 2	125.7	0.95	1	1	101.314019
Lane_str_inv	BOBJ1	350.7	After	Right Exterior Girder	125.7	0.95	1	1	112.621571
Lane_str_inv	BOBJ1	362.1	Before	Left Exterior Girder	137.1	0.95	1	1	118.939187
Lane_str_inv	BOBJ1	362.1	Before	Interior Girder 1	137.1	0.95	1	1	107.976643
Lane_str_inv	BOBJ1	362.1	Before	Interior Girder 2	137.1	0.95	1	1	107.976641
Lane_str_inv	BOBJ1	362.1	Before	Right Exterior Girder	137.1	0.95	1	1	118.939186
Lane_str_inv	BOBJ1	362.1	After	Left Exterior Girder	137.1	0.95	1	1	135.431607
Lane_str_inv	BOBJ1	362.1	After	Interior Girder 1	137.1	0.95	1	1	110.252403
Lane_str_inv	BOBJ1	362.1	After	Interior Girder 2	137.1	0.95	1	1	110.252403
Lane_str_inv	BOBJ1	362.1	After	Right Exterior Girder	137.1	0.95	1	1	135.431599
Lane_str_inv	BOBJ1	373.55	Before	Left Exterior Girder	148.55	0.95	1	1	144.446202
Lane_str_inv	BOBJ1	373.55	Before	Interior Girder 1	148.55	0.95	1	1	118.226261
Lane_str_inv	BOBJ1	373.55	Before	Interior Girder 2	148.55	0.95	1	1	118.22626
Lane_str_inv	BOBJ1	373.55	Before	Right Exterior Girder	148.55	0.95	1	1	144.446187
Lane_str_inv	BOBJ1	373.55	After	Left Exterior Girder	148.55	0.95	1	1	152.879377
Lane_str_inv	BOBJ1	373.55	After	Interior Girder 1	148.55	0.95	1	1	125.861884
Lane_str_inv	BOBJ1	373.55	After	Interior Girder 2	148.55	0.95	1	1	125.861883
Lane_str_inv	BOBJ1	373.55	After	Right Exterior Girder	148.55	0.95	1	1	152.879362
Lane_str_inv	BOBJ1	385	Before	Left Exterior Girder	160	0.95	1	1	162.373414
Lane_str_inv	BOBJ1	385	Before	Interior Girder 1	160	0.95	1	1	132.320593
Lane_str_inv	BOBJ1	385	Before	Interior Girder 2	160	0.95	1	1	132.32059
Lane_str_inv	BOBJ1	385	Before	Right Exterior Girder	160	0.95	1	1	162.373393
Lane_str_inv	BOBJ1	385	After	Left Exterior Girder	160	0.95	1	1	162.373495
Lane_str_inv	BOBJ1	385	After	Interior Girder 1	160	0.95	1	1	132.315623
Lane_str_inv	BOBJ1	385	After	Interior Girder 2	160	0.95	1	1	132.315626
Lane_str_inv	BOBJ1	385	After	Right Exterior Girder	160	0.95	1	1	162.373518
Lane_str_inv	BOBJ1	396.45	Before	Left Exterior Girder	171.45	0.95	1	1	152.879324
Lane_str_inv	BOBJ1	396.45	Before	Interior Girder 1	171.45	0.95	1	1	125.864834
Lane_str_inv	BOBJ1	396.45	Before	Interior Girder 2	171.45	0.95	1	1	125.864831
Lane_str_inv	BOBJ1	396.45	Before	Right Exterior Girder	171.45	0.95	1	1	152.879342
Lane_str_inv	BOBJ1	396.45	After	Left Exterior Girder	171.45	0.95	1	1	144.446178
Lane_str_inv	BOBJ1	396.45	After	Interior Girder 1	171.45	0.95	1	1	118.226794
Lane_str_inv	BOBJ1	396.45	After	Interior Girder 2	171.45	0.95	1	1	118.226791
Lane_str_inv	BOBJ1	396.45	After	Right Exterior Girder	171.45	0.95	1	1	144.446195
Lane_str_inv	BOBJ1	407.9	Before	Left Exterior Girder	182.9	0.95	1	1	135.431546
Lane_str_inv	BOBJ1	407.9	Before	Interior Girder 1	182.9	0.95	1	1	110.253644
Lane_str_inv	BOBJ1	407.9	Before	Interior Girder 2	182.9	0.95	1	1	110.253639
Lane_str_inv	BOBJ1	407.9	Before	Right Exterior Girder	182.9	0.95	1	1	135.431558
Lane_str_inv	BOBJ1	407.9	After	Left Exterior Girder	182.9	0.95	1	1	118.939187
Lane_str_inv	BOBJ1	407.9	After	Interior Girder 1	182.9	0.95	1	1	107.975341
Lane_str_inv	BOBJ1	407.9	After	Interior Girder 2	182.9	0.95	1	1	107.975337
Lane_str_inv	BOBJ1	407.9	After	Right Exterior Girder	182.9	0.95	1	1	118.939197
Lane_str_inv	BOBJ1	419.3	Before	Left Exterior Girder	194.3	0.95	1	1	112.621701
Lane_str_inv	BOBJ1	419.3	Before	Interior Girder 1	194.3	0.95	1	1	101.314167
Lane_str_inv	BOBJ1	419.3	Before	Interior Girder 2	194.3	0.95	1	1	101.314165
Lane_str_inv	BOBJ1	419.3	Before	Right Exterior Girder	194.3	0.95	1	1	112.621709
Lane_str_inv	BOBJ1	419.3	After	Left Exterior Girder	194.3	0.95	1	1	107.064344
Lane_str_inv	BOBJ1	419.3	After	Interior Girder 1	194.3	0.95	1	1	95.650812
Lane_str_inv	BOBJ1	419.3	After	Interior Girder 2	194.3	0.95	1	1	95.650811
Lane_str_inv	BOBJ1	419.3	After	Right Exterior Girder	194.3	0.95	1	1	107.064352
Lane_str_inv	BOBJ1	430.7	Before	Left Exterior Girder	205.7	0.95	1	1	101.674533
Lane_str_inv	BOBJ1	430.7	Before	Interior Girder 1	205.7	0.95	1	1	89.724068
Lane_str_inv	BOBJ1	430.7	Before	Interior Girder 2	205.7	0.95	1	1	89.724065
Lane_str_inv	BOBJ1	430.7	Before	Right Exterior Girder	205.7	0.95	1	1	101.674543
Lane_str_inv	BOBJ1	430.7	After	Left Exterior Girder	205.7	0.95	1	1	90.39243
Lane_str_inv	BOBJ1	430.7	After	Interior Girder 1	205.7	0.95	1	1	87.345331
Lane_str_inv	BOBJ1	430.7	After	Interior Girder 2	205.7	0.95	1	1	87.345329
Lane_str_inv	BOBJ1	430.7	After	Right Exterior Girder	205.7	0.95	1	1	90.392439
Lane_str_inv	BOBJ1	442.15	Before	Left Exterior Girder	217.0321	0.95	1	1	86.058847
Lane_str_inv	BOBJ1	442.15	Before	Interior Girder 1	217.0321	0.95	1	1	82.271131
Lane_str_inv	BOBJ1	442.15	Before	Interior Girder 2	217.0321	0.95	1	1	82.27113
Lane_str_inv	BOBJ1	442.15	Before	Right Exterior Girder	217.0321	0.95	1	1	86.058854

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Main Span Girders									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Lane_str_inv	BOBJ1	442.15	After	Left Exterior Girder	217.0321	0.95	1	1	53.833925
Lane_str_inv	BOBJ1	442.15	After	Interior Girder 1	217.0321	0.95	1	1	50.987017
Lane_str_inv	BOBJ1	442.15	After	Interior Girder 2	217.0321	0.95	1	1	50.987016
Lane_str_inv	BOBJ1	442.15	After	Right Exterior Girder	217.0321	0.95	1	1	53.833929
Lane_str_inv	BOBJ1	453.6	Before	Left Exterior Girder	228.6	0.95	1	1	51.205398
Lane_str_inv	BOBJ1	453.6	Before	Interior Girder 1	228.6	0.95	1	1	47.892444
Lane_str_inv	BOBJ1	453.6	Before	Interior Girder 2	228.6	0.95	1	1	47.892442
Lane_str_inv	BOBJ1	453.6	Before	Right Exterior Girder	228.6	0.95	1	1	51.205403
Lane_str_inv	BOBJ1	453.6	After	Left Exterior Girder	228.6	0.95	1	1	45.879123
Lane_str_inv	BOBJ1	453.6	After	Interior Girder 1	228.6	0.95	1	1	45.642053
Lane_str_inv	BOBJ1	453.6	After	Interior Girder 2	228.6	0.95	1	1	45.642052
Lane_str_inv	BOBJ1	453.6	After	Right Exterior Girder	228.6	0.95	1	1	45.879125
Lane_str_inv	BOBJ1	463.0439	Before	Left Exterior Girder	238.0439	0.95	1	1	45.551506
Lane_str_inv	BOBJ1	463.0439	Before	Interior Girder 1	238.0439	0.95	1	1	45.285094
Lane_str_inv	BOBJ1	463.0439	Before	Interior Girder 2	238.0439	0.95	1	1	45.285093
Lane_str_inv	BOBJ1	463.0439	Before	Right Exterior Girder	238.0439	0.95	1	1	45.551508
Lane_str_inv	BOBJ1	463.0439	After	Left Exterior Girder	238.0439	0.95	1	1	25.237935
Lane_str_inv	BOBJ1	463.0439	After	Interior Girder 1	238.0439	0.95	1	1	25.850558
Lane_str_inv	BOBJ1	463.0439	After	Interior Girder 2	238.0439	0.95	1	1	25.850557
Lane_str_inv	BOBJ1	463.0439	After	Right Exterior Girder	238.0439	0.95	1	1	25.237936
Lane_str_inv	BOBJ1	465	Before	Left Exterior Girder	240	0.95	1	1	25.188214
Lane_str_inv	BOBJ1	465	Before	Interior Girder 1	240	0.95	1	1	25.793863
Lane_str_inv	BOBJ1	465	Before	Interior Girder 2	240	0.95	1	1	25.793863
Lane_str_inv	BOBJ1	465	Before	Right Exterior Girder	240	0.95	1	1	25.188215
Lane_str_inv	BOBJ1	465	After	Left Exterior Girder	240	0.95	1	1	25.287041
Lane_str_inv	BOBJ1	465	After	Interior Girder 1	240	0.95	1	1	24.605431
Lane_str_inv	BOBJ1	465	After	Interior Girder 2	240	0.95	1	1	24.605431
Lane_str_inv	BOBJ1	465	After	Right Exterior Girder	240	0.95	1	1	25.287042
Lane_str_inv	BOBJ1	476.4	Before	Left Exterior Girder	251.4	0.95	1	1	24.072691
Lane_str_inv	BOBJ1	476.4	Before	Interior Girder 1	251.4	0.95	1	1	23.103408
Lane_str_inv	BOBJ1	476.4	Before	Interior Girder 2	251.4	0.95	1	1	23.103408
Lane_str_inv	BOBJ1	476.4	Before	Right Exterior Girder	251.4	0.95	1	1	24.072692
Lane_str_inv	BOBJ1	476.4	After	Left Exterior Girder	251.4	0.95	1	1	22.254209
Lane_str_inv	BOBJ1	476.4	After	Interior Girder 1	251.4	0.95	1	1	22.188495
Lane_str_inv	BOBJ1	476.4	After	Interior Girder 2	251.4	0.95	1	1	22.188494
Lane_str_inv	BOBJ1	476.4	After	Right Exterior Girder	251.4	0.95	1	1	22.25421
Lane_str_inv	BOBJ1	487.85	Before	Left Exterior Girder	262.85	0.95	1	1	21.272723
Lane_str_inv	BOBJ1	487.85	Before	Interior Girder 1	262.85	0.95	1	1	20.866797
Lane_str_inv	BOBJ1	487.85	Before	Interior Girder 2	262.85	0.95	1	1	20.866796
Lane_str_inv	BOBJ1	487.85	Before	Right Exterior Girder	262.85	0.95	1	1	21.272723
Lane_str_inv	BOBJ1	487.85	After	Left Exterior Girder	262.85	0.95	1	1	20.427652
Lane_str_inv	BOBJ1	487.85	After	Interior Girder 1	262.85	0.95	1	1	19.63924
Lane_str_inv	BOBJ1	487.85	After	Interior Girder 2	262.85	0.95	1	1	19.639239
Lane_str_inv	BOBJ1	487.85	After	Right Exterior Girder	262.85	0.95	1	1	20.427653
Lane_str_inv	BOBJ1	496.3126	Before	Left Exterior Girder	271.3126	0.95	1	1	20.246507
Lane_str_inv	BOBJ1	496.3126	Before	Interior Girder 1	271.3126	0.95	1	1	19.444101
Lane_str_inv	BOBJ1	496.3126	Before	Interior Girder 2	271.3126	0.95	1	1	19.4441
Lane_str_inv	BOBJ1	496.3126	Before	Right Exterior Girder	271.3126	0.95	1	1	20.246508
Lane_str_inv	BOBJ1	496.3126	After	Left Exterior Girder	271.3126	0.95	1	1	31.03486
Lane_str_inv	BOBJ1	496.3126	After	Interior Girder 1	271.3126	0.95	1	1	29.393095
Lane_str_inv	BOBJ1	496.3126	After	Interior Girder 2	271.3126	0.95	1	1	29.393094
Lane_str_inv	BOBJ1	496.3126	After	Right Exterior Girder	271.3126	0.95	1	1	31.03486
Lane_str_inv	BOBJ1	499.3	Before	Left Exterior Girder	274.3	0.95	1	1	30.958323
Lane_str_inv	BOBJ1	499.3	Before	Interior Girder 1	274.3	0.95	1	1	29.313573
Lane_str_inv	BOBJ1	499.3	Before	Interior Girder 2	274.3	0.95	1	1	29.313572
Lane_str_inv	BOBJ1	499.3	Before	Right Exterior Girder	274.3	0.95	1	1	30.958324
Lane_str_inv	BOBJ1	499.3	After	Left Exterior Girder	274.3	0.95	1	1	29.820181
Lane_str_inv	BOBJ1	499.3	After	Interior Girder 1	274.3	0.95	1	1	28.451715
Lane_str_inv	BOBJ1	499.3	After	Interior Girder 2	274.3	0.95	1	1	28.451715
Lane_str_inv	BOBJ1	499.3	After	Right Exterior Girder	274.3	0.95	1	1	29.82018
Lane_str_inv	BOBJ1	503.8969	Before	Left Exterior Girder	278.8969	0.95	1	1	29.706524
Lane_str_inv	BOBJ1	503.8969	Before	Interior Girder 1	278.8969	0.95	1	1	28.332576
Lane_str_inv	BOBJ1	503.8969	Before	Interior Girder 2	278.8969	0.95	1	1	28.332576
Lane_str_inv	BOBJ1	503.8969	Before	Right Exterior Girder	278.8969	0.95	1	1	29.706523
Lane_str_inv	BOBJ1	503.8969	After	Left Exterior Girder	278.8969	0.95	1	1	46.747905
Lane_str_inv	BOBJ1	503.8969	After	Interior Girder 1	278.8969	0.95	1	1	43.727878
Lane_str_inv	BOBJ1	503.8969	After	Interior Girder 2	278.8969	0.95	1	1	43.727878
Lane_str_inv	BOBJ1	503.8969	After	Right Exterior Girder	278.8969	0.95	1	1	46.747903

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Main Span Girders									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Lane_str_inv	BOBJ1	510.7	Before	Left Exterior Girder	285.7	0.95	1	1	46.53917
Lane_str_inv	BOBJ1	510.7	Before	Interior Girder 1	285.7	0.95	1	1	43.517341
Lane_str_inv	BOBJ1	510.7	Before	Interior Girder 2	285.7	0.95	1	1	43.517341
Lane_str_inv	BOBJ1	510.7	Before	Right Exterior Girder	285.7	0.95	1	1	46.539169
Lane_str_inv	BOBJ1	510.7	After	Left Exterior Girder	285.7	0.95	1	1	43.385989
Lane_str_inv	BOBJ1	510.7	After	Interior Girder 1	285.7	0.95	1	1	42.013267
Lane_str_inv	BOBJ1	510.7	After	Interior Girder 2	285.7	0.95	1	1	42.013267
Lane_str_inv	BOBJ1	510.7	After	Right Exterior Girder	285.7	0.95	1	1	43.385988
Lane_str_inv	BOBJ1	511.4811	Before	Left Exterior Girder	286.4811	0.95	1	1	43.363552
Lane_str_inv	BOBJ1	511.4811	Before	Interior Girder 1	286.4811	0.95	1	1	41.989987
Lane_str_inv	BOBJ1	511.4811	Before	Interior Girder 2	286.4811	0.95	1	1	41.989987
Lane_str_inv	BOBJ1	511.4811	Before	Right Exterior Girder	286.4811	0.95	1	1	43.363551
Lane_str_inv	BOBJ1	511.4811	After	Left Exterior Girder	286.4811	0.95	1	1	58.844088
Lane_str_inv	BOBJ1	511.4811	After	Interior Girder 1	286.4811	0.95	1	1	53.624872
Lane_str_inv	BOBJ1	511.4811	After	Interior Girder 2	286.4811	0.95	1	1	53.624872
Lane_str_inv	BOBJ1	511.4811	After	Right Exterior Girder	286.4811	0.95	1	1	58.844086
Lane_str_inv	BOBJ1	522.1	Before	Left Exterior Girder	297.1	0.95	1	1	58.476397
Lane_str_inv	BOBJ1	522.1	Before	Interior Girder 1	297.1	0.95	1	1	53.267504
Lane_str_inv	BOBJ1	522.1	Before	Interior Girder 2	297.1	0.95	1	1	53.267504
Lane_str_inv	BOBJ1	522.1	Before	Right Exterior Girder	297.1	0.95	1	1	58.476395
Lane_str_inv	BOBJ1	522.1	After	Left Exterior Girder	297.1	0.95	1	1	55.234588
Lane_str_inv	BOBJ1	522.1	After	Interior Girder 1	297.1	0.95	1	1	48.612667
Lane_str_inv	BOBJ1	522.1	After	Interior Girder 2	297.1	0.95	1	1	48.61267
Lane_str_inv	BOBJ1	522.1	After	Right Exterior Girder	297.1	0.95	1	1	55.234585
Lane_str_inv	BOBJ1	530.4918	Before	Left Exterior Girder	305.4918	0.95	1	1	54.959495
Lane_str_inv	BOBJ1	530.4918	Before	Interior Girder 1	305.4918	0.95	1	1	48.35441
Lane_str_inv	BOBJ1	530.4918	Before	Interior Girder 2	305.4918	0.95	1	1	48.354413
Lane_str_inv	BOBJ1	530.4918	Before	Right Exterior Girder	305.4918	0.95	1	1	54.959492
Lane_str_inv	BOBJ1	530.4918	After	Left Exterior Girder	305.4918	0.95	1	1	66.657135
Lane_str_inv	BOBJ1	530.4918	After	Interior Girder 1	305.4918	0.95	1	1	57.011429
Lane_str_inv	BOBJ1	530.4918	After	Interior Girder 2	305.4918	0.95	1	1	57.011432
Lane_str_inv	BOBJ1	530.4918	After	Right Exterior Girder	305.4918	0.95	1	1	66.657133
Lane_str_inv	BOBJ1	533.55	Before	Left Exterior Girder	308.55	0.95	1	1	66.544783
Lane_str_inv	BOBJ1	533.55	Before	Interior Girder 1	308.55	0.95	1	1	56.909793
Lane_str_inv	BOBJ1	533.55	Before	Interior Girder 2	308.55	0.95	1	1	56.909796
Lane_str_inv	BOBJ1	533.55	Before	Right Exterior Girder	308.55	0.95	1	1	66.54478
Lane_str_inv	BOBJ1	533.55	After	Left Exterior Girder	308.55	0.95	1	1	65.291178
Lane_str_inv	BOBJ1	533.55	After	Interior Girder 1	308.55	0.95	1	1	54.833058
Lane_str_inv	BOBJ1	533.55	After	Interior Girder 2	308.55	0.95	1	1	54.833061
Lane_str_inv	BOBJ1	533.55	After	Right Exterior Girder	308.55	0.95	1	1	65.291175
Lane_str_inv	BOBJ1	545	Before	Left Exterior Girder	320	0.95	1	1	63.183709
Lane_str_inv	BOBJ1	545	Before	Interior Girder 1	320	0.95	1	1	51.48733
Lane_str_inv	BOBJ1	545	Before	Interior Girder 2	320	0.95	1	1	51.487332
Lane_str_inv	BOBJ1	545	Before	Right Exterior Girder	320	0.95	1	1	63.183707
Lane_str_inv	BOBJ1	545	After	Left Exterior Girder	0	0.95	1	1	75.850848
Lane_str_inv	BOBJ1	545	After	Interior Girder 1	0	0.95	1	1	58.011512
Lane_str_inv	BOBJ1	545	After	Interior Girder 2	0	0.95	1	1	58.011512
Lane_str_inv	BOBJ1	545	After	Right Exterior Girder	0	0.95	1	1	75.850846
Lane_str_inv	BOBJ1	556.25	Before	Left Exterior Girder	11.25	0.95	1	1	76.320311
Lane_str_inv	BOBJ1	556.25	Before	Interior Girder 1	11.25	0.95	1	1	58.391694
Lane_str_inv	BOBJ1	556.25	Before	Interior Girder 2	11.25	0.95	1	1	58.391694
Lane_str_inv	BOBJ1	556.25	Before	Right Exterior Girder	11.25	0.95	1	1	76.320309
Lane_str_inv	BOBJ1	556.25	After	Left Exterior Girder	11.25	0.95	1	1	79.169781
Lane_str_inv	BOBJ1	556.25	After	Interior Girder 1	11.25	0.95	1	1	62.638007
Lane_str_inv	BOBJ1	556.25	After	Interior Girder 2	11.25	0.95	1	1	62.638007
Lane_str_inv	BOBJ1	556.25	After	Right Exterior Girder	11.25	0.95	1	1	79.169779
Lane_str_inv	BOBJ1	559.4358	Before	Left Exterior Girder	14.4358	0.95	1	1	79.307578
Lane_str_inv	BOBJ1	559.4358	Before	Interior Girder 1	14.4358	0.95	1	1	62.753383
Lane_str_inv	BOBJ1	559.4358	Before	Interior Girder 2	14.4358	0.95	1	1	62.753383
Lane_str_inv	BOBJ1	559.4358	Before	Right Exterior Girder	14.4358	0.95	1	1	79.307576
Lane_str_inv	BOBJ1	559.4358	After	Left Exterior Girder	14.4358	0.95	1	1	65.809595
Lane_str_inv	BOBJ1	559.4358	After	Interior Girder 1	14.4358	0.95	1	1	53.582535
Lane_str_inv	BOBJ1	559.4358	After	Interior Girder 2	14.4358	0.95	1	1	53.582535
Lane_str_inv	BOBJ1	559.4358	After	Right Exterior Girder	14.4358	0.95	1	1	65.809594
Lane_str_inv	BOBJ1	567.5	Before	Left Exterior Girder	22.5	0.95	1	1	66.122026
Lane_str_inv	BOBJ1	567.5	Before	Interior Girder 1	22.5	0.95	1	1	53.854093
Lane_str_inv	BOBJ1	567.5	Before	Interior Girder 2	22.5	0.95	1	1	53.854093
Lane_str_inv	BOBJ1	567.5	Before	Right Exterior Girder	22.5	0.95	1	1	66.122024

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Main Span Girders									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Lane_str_inv	BOBJ1	567.5	After	Left Exterior Girder	22.5	0.95	1	1	68.094845
Lane_str_inv	BOBJ1	567.5	After	Interior Girder 1	22.5	0.95	1	1	56.366238
Lane_str_inv	BOBJ1	567.5	After	Interior Girder 2	22.5	0.95	1	1	56.366238
Lane_str_inv	BOBJ1	567.5	After	Right Exterior Girder	22.5	0.95	1	1	68.094843
Lane_str_inv	BOBJ1	570.0586	Before	Left Exterior Girder	25.0586	0.95	1	1	68.196827
Lane_str_inv	BOBJ1	570.0586	Before	Interior Girder 1	25.0586	0.95	1	1	56.456253
Lane_str_inv	BOBJ1	570.0586	Before	Interior Girder 2	25.0586	0.95	1	1	56.456253
Lane_str_inv	BOBJ1	570.0586	Before	Right Exterior Girder	25.0586	0.95	1	1	68.196826
Lane_str_inv	BOBJ1	570.0586	After	Left Exterior Girder	25.0586	0.95	1	1	53.594728
Lane_str_inv	BOBJ1	570.0586	After	Interior Girder 1	25.0586	0.95	1	1	45.455885
Lane_str_inv	BOBJ1	570.0586	After	Interior Girder 2	25.0586	0.95	1	1	45.455885
Lane_str_inv	BOBJ1	570.0586	After	Right Exterior Girder	25.0586	0.95	1	1	53.594727
Lane_str_inv	BOBJ1	578.75	Before	Left Exterior Girder	33.75	0.95	1	1	53.899319
Lane_str_inv	BOBJ1	578.75	Before	Interior Girder 1	33.75	0.95	1	1	45.734751
Lane_str_inv	BOBJ1	578.75	Before	Interior Girder 2	33.75	0.95	1	1	45.734751
Lane_str_inv	BOBJ1	578.75	Before	Right Exterior Girder	33.75	0.95	1	1	53.899318
Lane_str_inv	BOBJ1	578.75	After	Left Exterior Girder	33.75	0.95	1	1	56.946918
Lane_str_inv	BOBJ1	578.75	After	Interior Girder 1	33.75	0.95	1	1	50.058372
Lane_str_inv	BOBJ1	578.75	After	Interior Girder 2	33.75	0.95	1	1	50.058372
Lane_str_inv	BOBJ1	578.75	After	Right Exterior Girder	33.75	0.95	1	1	56.946917
Lane_str_inv	BOBJ1	586.8142	Before	Left Exterior Girder	41.8142	0.95	1	1	57.244944
Lane_str_inv	BOBJ1	586.8142	Before	Interior Girder 1	41.8142	0.95	1	1	50.341097
Lane_str_inv	BOBJ1	586.8142	Before	Interior Girder 2	41.8142	0.95	1	1	50.341097
Lane_str_inv	BOBJ1	586.8142	Before	Right Exterior Girder	41.8142	0.95	1	1	57.244943
Lane_str_inv	BOBJ1	586.8142	After	Left Exterior Girder	41.8142	0.95	1	1	36.921663
Lane_str_inv	BOBJ1	586.8142	After	Interior Girder 1	41.8142	0.95	1	1	33.314877
Lane_str_inv	BOBJ1	586.8142	After	Interior Girder 2	41.8142	0.95	1	1	33.314877
Lane_str_inv	BOBJ1	586.8142	After	Right Exterior Girder	41.8142	0.95	1	1	36.921662
Lane_str_inv	BOBJ1	590	Before	Left Exterior Girder	45	0.95	1	1	37.017064
Lane_str_inv	BOBJ1	590	Before	Interior Girder 1	45	0.95	1	1	33.409443
Lane_str_inv	BOBJ1	590	Before	Interior Girder 2	45	0.95	1	1	33.409443
Lane_str_inv	BOBJ1	590	Before	Right Exterior Girder	45	0.95	1	1	37.017064
Lane_str_inv	BOBJ1	590	After	Left Exterior Girder	45	0.95	1	1	40.21646
Lane_str_inv	BOBJ1	590	After	Interior Girder 1	45	0.95	1	1	35.842841
Lane_str_inv	BOBJ1	590	After	Interior Girder 2	45	0.95	1	1	35.842841
Lane_str_inv	BOBJ1	590	After	Right Exterior Girder	45	0.95	1	1	40.216459
Lane_str_inv	BOBJ1	601.25	Before	Left Exterior Girder	56.25	0.95	1	1	40.580792
Lane_str_inv	BOBJ1	601.25	Before	Interior Girder 1	56.25	0.95	1	1	36.200203
Lane_str_inv	BOBJ1	601.25	Before	Interior Girder 2	56.25	0.95	1	1	36.200202
Lane_str_inv	BOBJ1	601.25	Before	Right Exterior Girder	56.25	0.95	1	1	40.580791
Lane_str_inv	BOBJ1	601.25	After	Left Exterior Girder	56.25	0.95	1	1	40.232409
Lane_str_inv	BOBJ1	601.25	After	Interior Girder 1	56.25	0.95	1	1	40.026825
Lane_str_inv	BOBJ1	601.25	After	Interior Girder 2	56.25	0.95	1	1	40.026825
Lane_str_inv	BOBJ1	601.25	After	Right Exterior Girder	56.25	0.95	1	1	40.232408
Lane_str_inv	BOBJ1	601.7478	Before	Left Exterior Girder	56.7478	0.95	1	1	40.24846
Lane_str_inv	BOBJ1	601.7478	Before	Interior Girder 1	56.7478	0.95	1	1	40.044169
Lane_str_inv	BOBJ1	601.7478	Before	Interior Girder 2	56.7478	0.95	1	1	40.044168
Lane_str_inv	BOBJ1	601.7478	Before	Right Exterior Girder	56.7478	0.95	1	1	40.24846
Lane_str_inv	BOBJ1	601.7478	After	Left Exterior Girder	56.7478	0.95	1	1	28.182649
Lane_str_inv	BOBJ1	601.7478	After	Interior Girder 1	56.7478	0.95	1	1	26.05826
Lane_str_inv	BOBJ1	601.7478	After	Interior Girder 2	56.7478	0.95	1	1	26.058259
Lane_str_inv	BOBJ1	601.7478	After	Right Exterior Girder	56.7478	0.95	1	1	28.182648
Lane_str_inv	BOBJ1	612.5	Before	Left Exterior Girder	67.5	0.95	1	1	28.485749
Lane_str_inv	BOBJ1	612.5	Before	Interior Girder 1	67.5	0.95	1	1	26.373023
Lane_str_inv	BOBJ1	612.5	Before	Interior Girder 2	67.5	0.95	1	1	26.373023
Lane_str_inv	BOBJ1	612.5	Before	Right Exterior Girder	67.5	0.95	1	1	28.485748
Lane_str_inv	BOBJ1	612.5	After	Left Exterior Girder	67.5	0.95	1	1	32.52648
Lane_str_inv	BOBJ1	612.5	After	Interior Girder 1	67.5	0.95	1	1	29.177493
Lane_str_inv	BOBJ1	612.5	After	Interior Girder 2	67.5	0.95	1	1	29.177492
Lane_str_inv	BOBJ1	612.5	After	Right Exterior Girder	67.5	0.95	1	1	32.52648
Lane_str_inv	BOBJ1	623.75	Before	Left Exterior Girder	78.75	0.95	1	1	32.885787
Lane_str_inv	BOBJ1	623.75	Before	Interior Girder 1	78.75	0.95	1	1	29.539496
Lane_str_inv	BOBJ1	623.75	Before	Interior Girder 2	78.75	0.95	1	1	29.539496
Lane_str_inv	BOBJ1	623.75	Before	Right Exterior Girder	78.75	0.95	1	1	32.885786
Lane_str_inv	BOBJ1	623.75	After	Left Exterior Girder	78.75	0.95	1	1	36.108182
Lane_str_inv	BOBJ1	623.75	After	Interior Girder 1	78.75	0.95	1	1	33.350762
Lane_str_inv	BOBJ1	623.75	After	Interior Girder 2	78.75	0.95	1	1	33.350761
Lane_str_inv	BOBJ1	623.75	After	Right Exterior Girder	78.75	0.95	1	1	36.108182

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Main Span Girders									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Lane_str_inv	BOBJ1	635	Before	Left Exterior Girder	90	0.95	1	1	36.500366
Lane_str_inv	BOBJ1	635	Before	Interior Girder 1	90	0.95	1	1	33.757528
Lane_str_inv	BOBJ1	635	Before	Interior Girder 2	90	0.95	1	1	33.757527
Lane_str_inv	BOBJ1	635	Before	Right Exterior Girder	90	0.95	1	1	36.500366
Lane_str_inv	BOBJ1	635	After	Left Exterior Girder	90	0.95	1	1	42.571734
Lane_str_inv	BOBJ1	635	After	Interior Girder 1	90	0.95	1	1	36.148892
Lane_str_inv	BOBJ1	635	After	Interior Girder 2	90	0.95	1	1	36.148891
Lane_str_inv	BOBJ1	635	After	Right Exterior Girder	90	0.95	1	1	42.571734
Lane_str_inv	BOBJ1	643.5619	Before	Left Exterior Girder	98.5619	0.95	1	1	42.917394
Lane_str_inv	BOBJ1	643.5619	Before	Interior Girder 1	98.5619	0.95	1	1	36.478583
Lane_str_inv	BOBJ1	643.5619	Before	Interior Girder 2	98.5619	0.95	1	1	36.478583
Lane_str_inv	BOBJ1	643.5619	Before	Right Exterior Girder	98.5619	0.95	1	1	42.917394
Lane_str_inv	BOBJ1	643.5619	After	Left Exterior Girder	98.5619	0.95	1	1	73.716601
Lane_str_inv	BOBJ1	643.5619	After	Interior Girder 1	98.5619	0.95	1	1	64.028992
Lane_str_inv	BOBJ1	643.5619	After	Interior Girder 2	98.5619	0.95	1	1	64.028991
Lane_str_inv	BOBJ1	643.5619	After	Right Exterior Girder	98.5619	0.95	1	1	73.716602
Lane_str_inv	BOBJ1	646.25	Before	Left Exterior Girder	101.25	0.95	1	1	73.857095
Lane_str_inv	BOBJ1	646.25	Before	Interior Girder 1	101.25	0.95	1	1	64.16298
Lane_str_inv	BOBJ1	646.25	Before	Interior Girder 2	101.25	0.95	1	1	64.162979
Lane_str_inv	BOBJ1	646.25	Before	Right Exterior Girder	101.25	0.95	1	1	73.857096
Lane_str_inv	BOBJ1	646.25	After	Left Exterior Girder	101.25	0.95	1	1	80.707787
Lane_str_inv	BOBJ1	646.25	After	Interior Girder 1	101.25	0.95	1	1	70.728457
Lane_str_inv	BOBJ1	646.25	After	Interior Girder 2	101.25	0.95	1	1	70.728456
Lane_str_inv	BOBJ1	646.25	After	Right Exterior Girder	101.25	0.95	1	1	80.707787
Lane_str_inv	BOBJ1	657.5	Before	Left Exterior Girder	112.5	0.95	1	1	81.348548
Lane_str_inv	BOBJ1	657.5	Before	Interior Girder 1	112.5	0.95	1	1	71.345954
Lane_str_inv	BOBJ1	657.5	Before	Interior Girder 2	112.5	0.95	1	1	71.345953
Lane_str_inv	BOBJ1	657.5	Before	Right Exterior Girder	112.5	0.95	1	1	81.348549
Lane_str_inv	BOBJ1	657.5	After	Left Exterior Girder	112.5	0.95	1	1	99.465265
Lane_str_inv	BOBJ1	657.5	After	Interior Girder 1	112.5	0.95	1	1	77.131073
Lane_str_inv	BOBJ1	657.5	After	Interior Girder 2	112.5	0.95	1	1	77.131078
Lane_str_inv	BOBJ1	657.5	After	Right Exterior Girder	112.5	0.95	1	1	99.465258
Lane_str_inv	BOBJ1	668.75	Before	Left Exterior Girder	123.75	0.95	1	1	100.245008
Lane_str_inv	BOBJ1	668.75	Before	Interior Girder 1	123.75	0.95	1	1	77.796298
Lane_str_inv	BOBJ1	668.75	Before	Interior Girder 2	123.75	0.95	1	1	77.796303
Lane_str_inv	BOBJ1	668.75	Before	Right Exterior Girder	123.75	0.95	1	1	100.245
Lane_str_inv	BOBJ1	668.75	After	Left Exterior Girder	123.75	0.95	1	1	113.315621
Lane_str_inv	BOBJ1	668.75	After	Interior Girder 1	123.75	0.95	1	1	90.730169
Lane_str_inv	BOBJ1	668.75	After	Interior Girder 2	123.75	0.95	1	1	90.730173
Lane_str_inv	BOBJ1	668.75	After	Right Exterior Girder	123.75	0.95	1	1	113.315612
Lane_str_inv	BOBJ1	680	Before	Left Exterior Girder	135	0.95	1	1	114.194025
Lane_str_inv	BOBJ1	680	Before	Interior Girder 1	135	0.95	1	1	91.503889
Lane_str_inv	BOBJ1	680	Before	Interior Girder 2	135	0.95	1	1	91.503893
Lane_str_inv	BOBJ1	680	Before	Right Exterior Girder	135	0.95	1	1	114.194016
Lane_str_inv	BOBJ1	680	After	Left Exterior Girder	135	0.95	1	1	137.084117
Lane_str_inv	BOBJ1	680	After	Interior Girder 1	135	0.95	1	1	97.173051
Lane_str_inv	BOBJ1	680	After	Interior Girder 2	135	0.95	1	1	97.173047
Lane_str_inv	BOBJ1	680	After	Right Exterior Girder	135	0.95	1	1	137.084124
Lane_str_inv	BOBJ1	691.25	Before	Left Exterior Girder	146.25	0.95	1	1	138.133655
Lane_str_inv	BOBJ1	691.25	Before	Interior Girder 1	146.25	0.95	1	1	97.99193
Lane_str_inv	BOBJ1	691.25	Before	Interior Girder 2	146.25	0.95	1	1	97.991926
Lane_str_inv	BOBJ1	691.25	Before	Right Exterior Girder	146.25	0.95	1	1	138.133661
Lane_str_inv	BOBJ1	691.25	After	Left Exterior Girder	146.25	0.95	1	1	142.499038
Lane_str_inv	BOBJ1	691.25	After	Interior Girder 1	146.25	0.95	1	1	106.414366
Lane_str_inv	BOBJ1	691.25	After	Interior Girder 2	146.25	0.95	1	1	106.41437
Lane_str_inv	BOBJ1	691.25	After	Right Exterior Girder	146.25	0.95	1	1	142.499033
Lane_str_inv	BOBJ1	702.5	Before	Left Exterior Girder	157.5	0.95	1	1	141.430151
Lane_str_inv	BOBJ1	702.5	Before	Interior Girder 1	157.5	0.95	1	1	105.53602
Lane_str_inv	BOBJ1	702.5	Before	Interior Girder 2	157.5	0.95	1	1	105.536025
Lane_str_inv	BOBJ1	702.5	Before	Right Exterior Girder	157.5	0.95	1	1	141.430146
Lane_str_inv	BOBJ1	702.5	After	Left Exterior Girder	157.5	0.95	1	1	106.29033
Lane_str_inv	BOBJ1	702.5	After	Interior Girder 1	157.5	0.95	1	1	93.949403
Lane_str_inv	BOBJ1	702.5	After	Interior Girder 2	157.5	0.95	1	1	93.949407
Lane_str_inv	BOBJ1	702.5	After	Right Exterior Girder	157.5	0.95	1	1	106.290322
Lane_str_inv	BOBJ1	713.75	Before	Left Exterior Girder	168.75	0.95	1	1	105.483273
Lane_str_inv	BOBJ1	713.75	Before	Interior Girder 1	168.75	0.95	1	1	93.164884
Lane_str_inv	BOBJ1	713.75	Before	Interior Girder 2	168.75	0.95	1	1	93.164887
Lane_str_inv	BOBJ1	713.75	Before	Right Exterior Girder	168.75	0.95	1	1	105.483266

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Main Span Girders									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Lane_str_inv	BOBJ1	713.75	After	Left Exterior Girder	168.75	0.95	1	1	92.147055
Lane_str_inv	BOBJ1	713.75	After	Interior Girder 1	168.75	0.95	1	1	79.567186
Lane_str_inv	BOBJ1	713.75	After	Interior Girder 2	168.75	0.95	1	1	79.567186
Lane_str_inv	BOBJ1	713.75	After	Right Exterior Girder	168.75	0.95	1	1	92.147053
Lane_str_inv	BOBJ1	725	Before	Left Exterior Girder	180	0.95	1	1	91.439645
Lane_str_inv	BOBJ1	725	Before	Interior Girder 1	180	0.95	1	1	78.895382
Lane_str_inv	BOBJ1	725	Before	Interior Girder 2	180	0.95	1	1	78.895382
Lane_str_inv	BOBJ1	725	Before	Right Exterior Girder	180	0.95	1	1	91.439643
Lane_str_inv	BOBJ1	725	After	Left Exterior Girder	180	0.95	1	1	75.450675
Lane_str_inv	BOBJ1	725	After	Interior Girder 1	180	0.95	1	1	71.895287
Lane_str_inv	BOBJ1	725	After	Interior Girder 2	180	0.95	1	1	71.895283
Lane_str_inv	BOBJ1	725	After	Right Exterior Girder	180	0.95	1	1	75.450681
Lane_str_inv	BOBJ1	731.1726	Before	Left Exterior Girder	186.1726	0.95	1	1	75.129117
Lane_str_inv	BOBJ1	731.1726	Before	Interior Girder 1	186.1726	0.95	1	1	71.55852
Lane_str_inv	BOBJ1	731.1726	Before	Interior Girder 2	186.1726	0.95	1	1	71.558517
Lane_str_inv	BOBJ1	731.1726	Before	Right Exterior Girder	186.1726	0.95	1	1	75.129123
Lane_str_inv	BOBJ1	731.1726	After	Left Exterior Girder	186.1726	0.95	1	1	43.525946
Lane_str_inv	BOBJ1	731.1726	After	Interior Girder 1	186.1726	0.95	1	1	41.246771
Lane_str_inv	BOBJ1	731.1726	After	Interior Girder 2	186.1726	0.95	1	1	41.246769
Lane_str_inv	BOBJ1	731.1726	After	Right Exterior Girder	186.1726	0.95	1	1	43.52595
Lane_str_inv	BOBJ1	736.25	Before	Left Exterior Girder	191.25	0.95	1	1	43.32527
Lane_str_inv	BOBJ1	736.25	Before	Interior Girder 1	191.25	0.95	1	1	41.033365
Lane_str_inv	BOBJ1	736.25	Before	Interior Girder 2	191.25	0.95	1	1	41.033362
Lane_str_inv	BOBJ1	736.25	Before	Right Exterior Girder	191.25	0.95	1	1	43.325274
Lane_str_inv	BOBJ1	736.25	After	Left Exterior Girder	191.25	0.95	1	1	40.623118
Lane_str_inv	BOBJ1	736.25	After	Interior Girder 1	191.25	0.95	1	1	37.549488
Lane_str_inv	BOBJ1	736.25	After	Interior Girder 2	191.25	0.95	1	1	37.549487
Lane_str_inv	BOBJ1	736.25	After	Right Exterior Girder	191.25	0.95	1	1	40.623119
Lane_str_inv	BOBJ1	747.5	Before	Left Exterior Girder	202.5	0.95	1	1	40.204689
Lane_str_inv	BOBJ1	747.5	Before	Interior Girder 1	202.5	0.95	1	1	37.115248
Lane_str_inv	BOBJ1	747.5	Before	Interior Girder 2	202.5	0.95	1	1	37.115247
Lane_str_inv	BOBJ1	747.5	Before	Right Exterior Girder	202.5	0.95	1	1	40.20469
Lane_str_inv	BOBJ1	747.5	After	Left Exterior Girder	202.5	0.95	1	1	34.567584
Lane_str_inv	BOBJ1	747.5	After	Interior Girder 1	202.5	0.95	1	1	33.094385
Lane_str_inv	BOBJ1	747.5	After	Interior Girder 2	202.5	0.95	1	1	33.094382
Lane_str_inv	BOBJ1	747.5	After	Right Exterior Girder	202.5	0.95	1	1	34.567584
Lane_str_inv	BOBJ1	758.75	Before	Left Exterior Girder	213.75	0.95	1	1	34.204877
Lane_str_inv	BOBJ1	758.75	Before	Interior Girder 1	213.75	0.95	1	1	32.705036
Lane_str_inv	BOBJ1	758.75	Before	Interior Girder 2	213.75	0.95	1	1	32.705034
Lane_str_inv	BOBJ1	758.75	Before	Right Exterior Girder	213.75	0.95	1	1	34.204876
Lane_str_inv	BOBJ1	758.75	After	Left Exterior Girder	213.75	0.95	1	1	31.382008
Lane_str_inv	BOBJ1	758.75	After	Interior Girder 1	213.75	0.95	1	1	28.218967
Lane_str_inv	BOBJ1	758.75	After	Interior Girder 2	213.75	0.95	1	1	28.218964
Lane_str_inv	BOBJ1	758.75	After	Right Exterior Girder	213.75	0.95	1	1	31.382009
Lane_str_inv	BOBJ1	770	Before	Left Exterior Girder	225	0.95	1	1	31.047314
Lane_str_inv	BOBJ1	770	Before	Interior Girder 1	225	0.95	1	1	27.881448
Lane_str_inv	BOBJ1	770	Before	Interior Girder 2	225	0.95	1	1	27.881444
Lane_str_inv	BOBJ1	770	Before	Right Exterior Girder	225	0.95	1	1	31.047315
SU4_str	BOBJ1	0	After	Left Exterior Girder	0	0.95	1	1	31.513419
SU4_str	BOBJ1	0	After	Interior Girder 1	0	0.95	1	1	20.641482
SU4_str	BOBJ1	0	After	Interior Girder 2	0	0.95	1	1	20.641483
SU4_str	BOBJ1	0	After	Right Exterior Girder	0	0.95	1	1	31.513417
SU4_str	BOBJ1	11.25	Before	Left Exterior Girder	11.25	0.95	1	1	31.853138
SU4_str	BOBJ1	11.25	Before	Interior Girder 1	11.25	0.95	1	1	20.891358
SU4_str	BOBJ1	11.25	Before	Interior Girder 2	11.25	0.95	1	1	20.891359
SU4_str	BOBJ1	11.25	Before	Right Exterior Girder	11.25	0.95	1	1	31.853136
SU4_str	BOBJ1	11.25	After	Left Exterior Girder	11.25	0.95	1	1	34.394797
SU4_str	BOBJ1	11.25	After	Interior Girder 1	11.25	0.95	1	1	25.345774
SU4_str	BOBJ1	11.25	After	Interior Girder 2	11.25	0.95	1	1	25.345776
SU4_str	BOBJ1	11.25	After	Right Exterior Girder	11.25	0.95	1	1	34.394795
SU4_str	BOBJ1	22.5	Before	Left Exterior Girder	22.5	0.95	1	1	34.759518
SU4_str	BOBJ1	22.5	Before	Interior Girder 1	22.5	0.95	1	1	25.647512
SU4_str	BOBJ1	22.5	Before	Interior Girder 2	22.5	0.95	1	1	25.647514
SU4_str	BOBJ1	22.5	Before	Right Exterior Girder	22.5	0.95	1	1	34.759516
SU4_str	BOBJ1	22.5	After	Left Exterior Girder	22.5	0.95	1	1	38.502567
SU4_str	BOBJ1	22.5	After	Interior Girder 1	22.5	0.95	1	1	27.909293
SU4_str	BOBJ1	22.5	After	Interior Girder 2	22.5	0.95	1	1	27.909292
SU4_str	BOBJ1	22.5	After	Right Exterior Girder	22.5	0.95	1	1	38.502566

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Main Span Girders									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
SU4_str	BOBJ1	33.75	Before	Left Exterior Girder	33.75	0.95	1	1	38.903281
SU4_str	BOBJ1	33.75	Before	Interior Girder 1	33.75	0.95	1	1	28.235825
SU4_str	BOBJ1	33.75	Before	Interior Girder 2	33.75	0.95	1	1	28.235824
SU4_str	BOBJ1	33.75	Before	Right Exterior Girder	33.75	0.95	1	1	38.903281
SU4_str	BOBJ1	33.75	After	Left Exterior Girder	33.75	0.95	1	1	40.115482
SU4_str	BOBJ1	33.75	After	Interior Girder 1	33.75	0.95	1	1	29.973041
SU4_str	BOBJ1	33.75	After	Interior Girder 2	33.75	0.95	1	1	29.973039
SU4_str	BOBJ1	33.75	After	Right Exterior Girder	33.75	0.95	1	1	40.115483
SU4_str	BOBJ1	38.8274	Before	Left Exterior Girder	38.8274	0.95	1	1	40.301291
SU4_str	BOBJ1	38.8274	Before	Interior Girder 1	38.8274	0.95	1	1	30.128925
SU4_str	BOBJ1	38.8274	Before	Interior Girder 2	38.8274	0.95	1	1	30.128923
SU4_str	BOBJ1	38.8274	Before	Right Exterior Girder	38.8274	0.95	1	1	40.301292
SU4_str	BOBJ1	38.8274	After	Left Exterior Girder	38.8274	0.95	1	1	69.146946
SU4_str	BOBJ1	38.8274	After	Interior Girder 1	38.8274	0.95	1	1	53.034639
SU4_str	BOBJ1	38.8274	After	Interior Girder 2	38.8274	0.95	1	1	53.034636
SU4_str	BOBJ1	38.8274	After	Right Exterior Girder	38.8274	0.95	1	1	69.146949
SU4_str	BOBJ1	45	Before	Left Exterior Girder	45	0.95	1	1	69.4429
SU4_str	BOBJ1	45	Before	Interior Girder 1	45	0.95	1	1	53.284229
SU4_str	BOBJ1	45	Before	Interior Girder 2	45	0.95	1	1	53.284226
SU4_str	BOBJ1	45	Before	Right Exterior Girder	45	0.95	1	1	69.442902
SU4_str	BOBJ1	45	After	Left Exterior Girder	45	0.95	1	1	78.470565
SU4_str	BOBJ1	45	After	Interior Girder 1	45	0.95	1	1	54.168408
SU4_str	BOBJ1	45	After	Interior Girder 2	45	0.95	1	1	54.168403
SU4_str	BOBJ1	45	After	Right Exterior Girder	45	0.95	1	1	78.470567
SU4_str	BOBJ1	56.25	Before	Left Exterior Girder	56.25	0.95	1	1	79.077641
SU4_str	BOBJ1	56.25	Before	Interior Girder 1	56.25	0.95	1	1	54.629659
SU4_str	BOBJ1	56.25	Before	Interior Girder 2	56.25	0.95	1	1	54.629654
SU4_str	BOBJ1	56.25	Before	Right Exterior Girder	56.25	0.95	1	1	79.077644
SU4_str	BOBJ1	56.25	After	Left Exterior Girder	56.25	0.95	1	1	87.94254
SU4_str	BOBJ1	56.25	After	Interior Girder 1	56.25	0.95	1	1	62.477771
SU4_str	BOBJ1	56.25	After	Interior Girder 2	56.25	0.95	1	1	62.477764
SU4_str	BOBJ1	56.25	After	Right Exterior Girder	56.25	0.95	1	1	87.942542
SU4_str	BOBJ1	67.5	Before	Left Exterior Girder	67.5	0.95	1	1	88.615392
SU4_str	BOBJ1	67.5	Before	Interior Girder 1	67.5	0.95	1	1	63.003881
SU4_str	BOBJ1	67.5	Before	Interior Girder 2	67.5	0.95	1	1	63.003875
SU4_str	BOBJ1	67.5	Before	Right Exterior Girder	67.5	0.95	1	1	88.615394
SU4_str	BOBJ1	67.5	After	Left Exterior Girder	67.5	0.95	1	1	102.207427
SU4_str	BOBJ1	67.5	After	Interior Girder 1	67.5	0.95	1	1	61.829984
SU4_str	BOBJ1	67.5	After	Interior Girder 2	67.5	0.95	1	1	61.829988
SU4_str	BOBJ1	67.5	After	Right Exterior Girder	67.5	0.95	1	1	102.207404
SU4_str	BOBJ1	78.75	Before	Left Exterior Girder	78.75	0.95	1	1	102.979881
SU4_str	BOBJ1	78.75	Before	Interior Girder 1	78.75	0.95	1	1	62.344577
SU4_str	BOBJ1	78.75	Before	Interior Girder 2	78.75	0.95	1	1	62.344581
SU4_str	BOBJ1	78.75	Before	Right Exterior Girder	78.75	0.95	1	1	102.979857
SU4_str	BOBJ1	78.75	After	Left Exterior Girder	78.75	0.95	1	1	117.269463
SU4_str	BOBJ1	78.75	After	Interior Girder 1	78.75	0.95	1	1	64.192851
SU4_str	BOBJ1	78.75	After	Interior Girder 2	78.75	0.95	1	1	64.192845
SU4_str	BOBJ1	78.75	After	Right Exterior Girder	78.75	0.95	1	1	117.269431
SU4_str	BOBJ1	90	Before	Left Exterior Girder	90	0.95	1	1	118.146202
SU4_str	BOBJ1	90	Before	Interior Girder 1	90	0.95	1	1	63.656416
SU4_str	BOBJ1	90	Before	Interior Girder 2	90	0.95	1	1	63.656411
SU4_str	BOBJ1	90	Before	Right Exterior Girder	90	0.95	1	1	118.14617
SU4_str	BOBJ1	90	After	Left Exterior Girder	90	0.95	1	1	104.061761
SU4_str	BOBJ1	90	After	Interior Girder 1	90	0.95	1	1	65.117828
SU4_str	BOBJ1	90	After	Interior Girder 2	90	0.95	1	1	65.117815
SU4_str	BOBJ1	90	After	Right Exterior Girder	90	0.95	1	1	104.061771
SU4_str	BOBJ1	101.25	Before	Left Exterior Girder	101.25	0.95	1	1	103.261297
SU4_str	BOBJ1	101.25	Before	Interior Girder 1	101.25	0.95	1	1	64.567217
SU4_str	BOBJ1	101.25	Before	Interior Girder 2	101.25	0.95	1	1	64.567204
SU4_str	BOBJ1	101.25	Before	Right Exterior Girder	101.25	0.95	1	1	103.261307
SU4_str	BOBJ1	101.25	After	Left Exterior Girder	101.25	0.95	1	1	91.600362
SU4_str	BOBJ1	101.25	After	Interior Girder 1	101.25	0.95	1	1	56.594668
SU4_str	BOBJ1	101.25	After	Interior Girder 2	101.25	0.95	1	1	56.594659
SU4_str	BOBJ1	101.25	After	Right Exterior Girder	101.25	0.95	1	1	91.600365
SU4_str	BOBJ1	112.5	Before	Left Exterior Girder	112.5	0.95	1	1	90.887861
SU4_str	BOBJ1	112.5	Before	Interior Girder 1	112.5	0.95	1	1	56.110735
SU4_str	BOBJ1	112.5	Before	Interior Girder 2	112.5	0.95	1	1	56.110727
SU4_str	BOBJ1	112.5	Before	Right Exterior Girder	112.5	0.95	1	1	90.887864

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Main Span Girders									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
SU4_str	BOBJ1	112.5	After	Left Exterior Girder	112.5	0.95	1	1	80.228307
SU4_str	BOBJ1	112.5	After	Interior Girder 1	112.5	0.95	1	1	57.161708
SU4_str	BOBJ1	112.5	After	Interior Girder 2	112.5	0.95	1	1	57.161711
SU4_str	BOBJ1	112.5	After	Right Exterior Girder	112.5	0.95	1	1	80.228302
SU4_str	BOBJ1	123.75	Before	Left Exterior Girder	123.75	0.95	1	1	79.596369
SU4_str	BOBJ1	123.75	Before	Interior Girder 1	123.75	0.95	1	1	56.666975
SU4_str	BOBJ1	123.75	Before	Interior Girder 2	123.75	0.95	1	1	56.666978
SU4_str	BOBJ1	123.75	Before	Right Exterior Girder	123.75	0.95	1	1	79.596364
SU4_str	BOBJ1	123.75	After	Left Exterior Girder	123.75	0.95	1	1	71.945697
SU4_str	BOBJ1	123.75	After	Interior Girder 1	123.75	0.95	1	1	49.368945
SU4_str	BOBJ1	123.75	After	Interior Girder 2	123.75	0.95	1	1	49.368948
SU4_str	BOBJ1	123.75	After	Right Exterior Girder	123.75	0.95	1	1	71.945692
SU4_str	BOBJ1	126.4381	Before	Left Exterior Girder	126.4381	0.95	1	1	71.808839
SU4_str	BOBJ1	126.4381	Before	Interior Girder 1	126.4381	0.95	1	1	49.26585
SU4_str	BOBJ1	126.4381	Before	Interior Girder 2	126.4381	0.95	1	1	49.265854
SU4_str	BOBJ1	126.4381	Before	Right Exterior Girder	126.4381	0.95	1	1	71.808834
SU4_str	BOBJ1	126.4381	After	Left Exterior Girder	126.4381	0.95	1	1	43.127816
SU4_str	BOBJ1	126.4381	After	Interior Girder 1	126.4381	0.95	1	1	29.429882
SU4_str	BOBJ1	126.4381	After	Interior Girder 2	126.4381	0.95	1	1	29.429884
SU4_str	BOBJ1	126.4381	After	Right Exterior Girder	126.4381	0.95	1	1	43.127813
SU4_str	BOBJ1	135	Before	Left Exterior Girder	135	0.95	1	1	42.780462
SU4_str	BOBJ1	135	Before	Interior Girder 1	135	0.95	1	1	29.163896
SU4_str	BOBJ1	135	Before	Interior Girder 2	135	0.95	1	1	29.163899
SU4_str	BOBJ1	135	Before	Right Exterior Girder	135	0.95	1	1	42.780459
SU4_str	BOBJ1	135	After	Left Exterior Girder	135	0.95	1	1	39.535034
SU4_str	BOBJ1	135	After	Interior Girder 1	135	0.95	1	1	30.414813
SU4_str	BOBJ1	135	After	Interior Girder 2	135	0.95	1	1	30.414815
SU4_str	BOBJ1	135	After	Right Exterior Girder	135	0.95	1	1	39.535032
SU4_str	BOBJ1	146.25	Before	Left Exterior Girder	146.25	0.95	1	1	39.110244
SU4_str	BOBJ1	146.25	Before	Interior Girder 1	146.25	0.95	1	1	30.048325
SU4_str	BOBJ1	146.25	Before	Interior Girder 2	146.25	0.95	1	1	30.048327
SU4_str	BOBJ1	146.25	Before	Right Exterior Girder	146.25	0.95	1	1	39.110242
SU4_str	BOBJ1	146.25	After	Left Exterior Girder	146.25	0.95	1	1	36.356958
SU4_str	BOBJ1	146.25	After	Interior Girder 1	146.25	0.95	1	1	26.686589
SU4_str	BOBJ1	146.25	After	Interior Girder 2	146.25	0.95	1	1	26.68659
SU4_str	BOBJ1	146.25	After	Right Exterior Girder	146.25	0.95	1	1	36.356956
SU4_str	BOBJ1	157.5	Before	Left Exterior Girder	157.5	0.95	1	1	35.959726
SU4_str	BOBJ1	157.5	Before	Interior Girder 1	157.5	0.95	1	1	26.359547
SU4_str	BOBJ1	157.5	Before	Interior Girder 2	157.5	0.95	1	1	26.359549
SU4_str	BOBJ1	157.5	Before	Right Exterior Girder	157.5	0.95	1	1	35.959724
SU4_str	BOBJ1	157.5	After	Left Exterior Girder	157.5	0.95	1	1	33.35194
SU4_str	BOBJ1	157.5	After	Interior Girder 1	157.5	0.95	1	1	25.755661
SU4_str	BOBJ1	157.5	After	Interior Girder 2	157.5	0.95	1	1	25.75566
SU4_str	BOBJ1	157.5	After	Right Exterior Girder	157.5	0.95	1	1	33.351939
SU4_str	BOBJ1	168.2522	Before	Left Exterior Girder	168.2522	0.95	1	1	32.997061
SU4_str	BOBJ1	168.2522	Before	Interior Girder 1	168.2522	0.95	1	1	25.448266
SU4_str	BOBJ1	168.2522	Before	Interior Girder 2	168.2522	0.95	1	1	25.448264
SU4_str	BOBJ1	168.2522	Before	Right Exterior Girder	168.2522	0.95	1	1	32.997061
SU4_str	BOBJ1	168.2522	After	Left Exterior Girder	168.2522	0.95	1	1	44.552635
SU4_str	BOBJ1	168.2522	After	Interior Girder 1	168.2522	0.95	1	1	34.029365
SU4_str	BOBJ1	168.2522	After	Interior Girder 2	168.2522	0.95	1	1	34.029364
SU4_str	BOBJ1	168.2522	After	Right Exterior Girder	168.2522	0.95	1	1	44.552634
SU4_str	BOBJ1	168.75	Before	Left Exterior Girder	168.75	0.95	1	1	44.534867
SU4_str	BOBJ1	168.75	Before	Interior Girder 1	168.75	0.95	1	1	34.014627
SU4_str	BOBJ1	168.75	Before	Interior Girder 2	168.75	0.95	1	1	34.014625
SU4_str	BOBJ1	168.75	Before	Right Exterior Girder	168.75	0.95	1	1	44.534866
SU4_str	BOBJ1	168.75	After	Left Exterior Girder	168.75	0.95	1	1	48.67218
SU4_str	BOBJ1	168.75	After	Interior Girder 1	168.75	0.95	1	1	35.188378
SU4_str	BOBJ1	168.75	After	Interior Girder 2	168.75	0.95	1	1	35.188376
SU4_str	BOBJ1	168.75	After	Right Exterior Girder	168.75	0.95	1	1	48.672179
SU4_str	BOBJ1	180	Before	Left Exterior Girder	180	0.95	1	1	48.235204
SU4_str	BOBJ1	180	Before	Interior Girder 1	180	0.95	1	1	34.841005
SU4_str	BOBJ1	180	Before	Interior Girder 2	180	0.95	1	1	34.841003
SU4_str	BOBJ1	180	Before	Right Exterior Girder	180	0.95	1	1	48.235203
SU4_str	BOBJ1	180	After	Left Exterior Girder	180	0.95	1	1	45.053455
SU4_str	BOBJ1	180	After	Interior Girder 1	180	0.95	1	1	32.2868
SU4_str	BOBJ1	180	After	Interior Girder 2	180	0.95	1	1	32.286798
SU4_str	BOBJ1	180	After	Right Exterior Girder	180	0.95	1	1	45.053457

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Main Span Girders

Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
SU4_str	BOBJ1	183.1858	Before	Left Exterior Girder	183.1858	0.95	1	1	44.937341
SU4_str	BOBJ1	183.1858	Before	Interior Girder 1	183.1858	0.95	1	1	32.195411
SU4_str	BOBJ1	183.1858	Before	Interior Girder 2	183.1858	0.95	1	1	32.195409
SU4_str	BOBJ1	183.1858	Before	Right Exterior Girder	183.1858	0.95	1	1	44.937344
SU4_str	BOBJ1	183.1858	After	Left Exterior Girder	183.1858	0.95	1	1	71.855256
SU4_str	BOBJ1	183.1858	After	Interior Girder 1	183.1858	0.95	1	1	50.239943
SU4_str	BOBJ1	183.1858	After	Interior Girder 2	183.1858	0.95	1	1	50.23994
SU4_str	BOBJ1	183.1858	After	Right Exterior Girder	183.1858	0.95	1	1	71.855259
SU4_str	BOBJ1	191.25	Before	Left Exterior Girder	191.25	0.95	1	1	71.481166
SU4_str	BOBJ1	191.25	Before	Interior Girder 1	191.25	0.95	1	1	49.957786
SU4_str	BOBJ1	191.25	Before	Interior Girder 2	191.25	0.95	1	1	49.957783
SU4_str	BOBJ1	191.25	Before	Right Exterior Girder	191.25	0.95	1	1	71.48117
SU4_str	BOBJ1	191.25	After	Left Exterior Girder	191.25	0.95	1	1	69.643878
SU4_str	BOBJ1	191.25	After	Interior Girder 1	191.25	0.95	1	1	46.159984
SU4_str	BOBJ1	191.25	After	Interior Girder 2	191.25	0.95	1	1	46.159983
SU4_str	BOBJ1	191.25	After	Right Exterior Girder	191.25	0.95	1	1	69.643881
SU4_str	BOBJ1	199.9414	Before	Left Exterior Girder	199.9414	0.95	1	1	69.250313
SU4_str	BOBJ1	199.9414	Before	Interior Girder 1	199.9414	0.95	1	1	45.878525
SU4_str	BOBJ1	199.9414	Before	Interior Girder 2	199.9414	0.95	1	1	45.878524
SU4_str	BOBJ1	199.9414	Before	Right Exterior Girder	199.9414	0.95	1	1	69.250316
SU4_str	BOBJ1	199.9414	After	Left Exterior Girder	199.9414	0.95	1	1	88.376359
SU4_str	BOBJ1	199.9414	After	Interior Girder 1	199.9414	0.95	1	1	55.741453
SU4_str	BOBJ1	199.9414	After	Interior Girder 2	199.9414	0.95	1	1	55.741452
SU4_str	BOBJ1	199.9414	After	Right Exterior Girder	199.9414	0.95	1	1	88.376362
SU4_str	BOBJ1	202.5	Before	Left Exterior Girder	202.5	0.95	1	1	88.244199
SU4_str	BOBJ1	202.5	Before	Interior Girder 1	202.5	0.95	1	1	55.652578
SU4_str	BOBJ1	202.5	Before	Interior Girder 2	202.5	0.95	1	1	55.652577
SU4_str	BOBJ1	202.5	Before	Right Exterior Girder	202.5	0.95	1	1	88.244203
SU4_str	BOBJ1	202.5	After	Left Exterior Girder	202.5	0.95	1	1	88.983011
SU4_str	BOBJ1	202.5	After	Interior Girder 1	202.5	0.95	1	1	56.198321
SU4_str	BOBJ1	202.5	After	Interior Girder 2	202.5	0.95	1	1	56.19832
SU4_str	BOBJ1	202.5	After	Right Exterior Girder	202.5	0.95	1	1	88.983014
SU4_str	BOBJ1	210.5642	Before	Left Exterior Girder	210.5642	0.95	1	1	88.562561
SU4_str	BOBJ1	210.5642	Before	Interior Girder 1	210.5642	0.95	1	1	55.914943
SU4_str	BOBJ1	210.5642	Before	Interior Girder 2	210.5642	0.95	1	1	55.914942
SU4_str	BOBJ1	210.5642	Before	Right Exterior Girder	210.5642	0.95	1	1	88.562563
SU4_str	BOBJ1	210.5642	After	Left Exterior Girder	210.5642	0.95	1	1	107.516865
SU4_str	BOBJ1	210.5642	After	Interior Girder 1	210.5642	0.95	1	1	65.169276
SU4_str	BOBJ1	210.5642	After	Interior Girder 2	210.5642	0.95	1	1	65.169275
SU4_str	BOBJ1	210.5642	After	Right Exterior Girder	210.5642	0.95	1	1	107.516868
SU4_str	BOBJ1	213.75	Before	Left Exterior Girder	213.75	0.95	1	1	107.330055
SU4_str	BOBJ1	213.75	Before	Interior Girder 1	213.75	0.95	1	1	65.049458
SU4_str	BOBJ1	213.75	Before	Interior Girder 2	213.75	0.95	1	1	65.049457
SU4_str	BOBJ1	213.75	Before	Right Exterior Girder	213.75	0.95	1	1	107.330057
SU4_str	BOBJ1	213.75	After	Left Exterior Girder	213.75	0.95	1	1	107.526311
SU4_str	BOBJ1	213.75	After	Interior Girder 1	213.75	0.95	1	1	63.429655
SU4_str	BOBJ1	213.75	After	Interior Girder 2	213.75	0.95	1	1	63.429655
SU4_str	BOBJ1	213.75	After	Right Exterior Girder	213.75	0.95	1	1	107.526313
SU4_str	BOBJ1	225	Before	Left Exterior Girder	225	0.95	1	1	106.864892
SU4_str	BOBJ1	225	Before	Interior Girder 1	225	0.95	1	1	63.016672
SU4_str	BOBJ1	225	Before	Interior Girder 2	225	0.95	1	1	63.016671
SU4_str	BOBJ1	225	Before	Right Exterior Girder	225	0.95	1	1	106.864895
SU4_str	BOBJ1	225	After	Left Exterior Girder	0	0.95	1	1	100.839755
SU4_str	BOBJ1	225	After	Interior Girder 1	0	0.95	1	1	59.419977
SU4_str	BOBJ1	225	After	Interior Girder 2	0	0.95	1	1	59.419977
SU4_str	BOBJ1	225	After	Right Exterior Girder	0	0.95	1	1	100.839754
SU4_str	BOBJ1	236.45	Before	Left Exterior Girder	11.45	0.95	1	1	103.36148
SU4_str	BOBJ1	236.45	Before	Interior Girder 1	11.45	0.95	1	1	63.315494
SU4_str	BOBJ1	236.45	Before	Interior Girder 2	11.45	0.95	1	1	63.315495
SU4_str	BOBJ1	236.45	Before	Right Exterior Girder	11.45	0.95	1	1	103.361479
SU4_str	BOBJ1	236.45	After	Left Exterior Girder	11.45	0.95	1	1	103.168824
SU4_str	BOBJ1	236.45	After	Interior Girder 1	11.45	0.95	1	1	64.037459
SU4_str	BOBJ1	236.45	After	Interior Girder 2	11.45	0.95	1	1	64.037459
SU4_str	BOBJ1	236.45	After	Right Exterior Girder	11.45	0.95	1	1	103.168823
SU4_str	BOBJ1	239.5082	Before	Left Exterior Girder	14.5082	0.95	1	1	103.343012
SU4_str	BOBJ1	239.5082	Before	Interior Girder 1	14.5082	0.95	1	1	64.151824
SU4_str	BOBJ1	239.5082	Before	Interior Girder 2	14.5082	0.95	1	1	64.151825
SU4_str	BOBJ1	239.5082	Before	Right Exterior Girder	14.5082	0.95	1	1	103.34301

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Main Span Girders

Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
SU4_str	BOBJ1	239.5082	After	Left Exterior Girder	14.5082	0.95	1	1	84.720602
SU4_str	BOBJ1	239.5082	After	Interior Girder 1	14.5082	0.95	1	1	55.030607
SU4_str	BOBJ1	239.5082	After	Interior Girder 2	14.5082	0.95	1	1	55.030607
SU4_str	BOBJ1	239.5082	After	Right Exterior Girder	14.5082	0.95	1	1	84.720601
SU4_str	BOBJ1	247.9	Before	Left Exterior Girder	22.9	0.95	1	1	85.14466
SU4_str	BOBJ1	247.9	Before	Interior Girder 1	22.9	0.95	1	1	55.324521
SU4_str	BOBJ1	247.9	Before	Interior Girder 2	22.9	0.95	1	1	55.324521
SU4_str	BOBJ1	247.9	Before	Right Exterior Girder	22.9	0.95	1	1	85.144659
SU4_str	BOBJ1	247.9	After	Left Exterior Girder	22.9	0.95	1	1	88.238158
SU4_str	BOBJ1	247.9	After	Interior Girder 1	22.9	0.95	1	1	58.988571
SU4_str	BOBJ1	247.9	After	Interior Girder 2	22.9	0.95	1	1	58.988571
SU4_str	BOBJ1	247.9	After	Right Exterior Girder	22.9	0.95	1	1	88.238157
SU4_str	BOBJ1	258.5189	Before	Left Exterior Girder	33.5189	0.95	1	1	88.792987
SU4_str	BOBJ1	258.5189	Before	Interior Girder 1	33.5189	0.95	1	1	59.38432
SU4_str	BOBJ1	258.5189	Before	Interior Girder 2	33.5189	0.95	1	1	59.384321
SU4_str	BOBJ1	258.5189	Before	Right Exterior Girder	33.5189	0.95	1	1	88.792985
SU4_str	BOBJ1	258.5189	After	Left Exterior Girder	33.5189	0.95	1	1	65.283145
SU4_str	BOBJ1	258.5189	After	Interior Girder 1	33.5189	0.95	1	1	46.691211
SU4_str	BOBJ1	258.5189	After	Interior Girder 2	33.5189	0.95	1	1	46.691211
SU4_str	BOBJ1	258.5189	After	Right Exterior Girder	33.5189	0.95	1	1	65.283144
SU4_str	BOBJ1	259.3	Before	Left Exterior Girder	34.3	0.95	1	1	65.316924
SU4_str	BOBJ1	259.3	Before	Interior Girder 1	34.3	0.95	1	1	46.717097
SU4_str	BOBJ1	259.3	Before	Interior Girder 2	34.3	0.95	1	1	46.717098
SU4_str	BOBJ1	259.3	Before	Right Exterior Girder	34.3	0.95	1	1	65.316922
SU4_str	BOBJ1	259.3	After	Left Exterior Girder	34.3	0.95	1	1	68.206762
SU4_str	BOBJ1	259.3	After	Interior Girder 1	34.3	0.95	1	1	47.970508
SU4_str	BOBJ1	259.3	After	Interior Girder 2	34.3	0.95	1	1	47.970508
SU4_str	BOBJ1	259.3	After	Right Exterior Girder	34.3	0.95	1	1	68.206761
SU4_str	BOBJ1	266.1031	Before	Left Exterior Girder	41.1031	0.95	1	1	68.512679
SU4_str	BOBJ1	266.1031	Before	Interior Girder 1	41.1031	0.95	1	1	48.202589
SU4_str	BOBJ1	266.1031	Before	Interior Girder 2	41.1031	0.95	1	1	48.202589
SU4_str	BOBJ1	266.1031	Before	Right Exterior Girder	41.1031	0.95	1	1	68.512677
SU4_str	BOBJ1	266.1031	After	Left Exterior Girder	41.1031	0.95	1	1	42.972598
SU4_str	BOBJ1	266.1031	After	Interior Girder 1	41.1031	0.95	1	1	31.160775
SU4_str	BOBJ1	266.1031	After	Interior Girder 2	41.1031	0.95	1	1	31.160775
SU4_str	BOBJ1	266.1031	After	Right Exterior Girder	41.1031	0.95	1	1	42.972597
SU4_str	BOBJ1	270.7	Before	Left Exterior Girder	45.7	0.95	1	1	43.137011
SU4_str	BOBJ1	270.7	Before	Interior Girder 1	45.7	0.95	1	1	31.291807
SU4_str	BOBJ1	270.7	Before	Interior Girder 2	45.7	0.95	1	1	31.291807
SU4_str	BOBJ1	270.7	Before	Right Exterior Girder	45.7	0.95	1	1	43.13701
SU4_str	BOBJ1	270.7	After	Left Exterior Girder	45.7	0.95	1	1	43.51194
SU4_str	BOBJ1	270.7	After	Interior Girder 1	45.7	0.95	1	1	30.279345
SU4_str	BOBJ1	270.7	After	Interior Girder 2	45.7	0.95	1	1	30.279345
SU4_str	BOBJ1	270.7	After	Right Exterior Girder	45.7	0.95	1	1	43.511939
SU4_str	BOBJ1	273.6874	Before	Left Exterior Girder	48.6874	0.95	1	1	43.619512
SU4_str	BOBJ1	273.6874	Before	Interior Girder 1	48.6874	0.95	1	1	30.361487
SU4_str	BOBJ1	273.6874	Before	Interior Girder 2	48.6874	0.95	1	1	30.361487
SU4_str	BOBJ1	273.6874	Before	Right Exterior Girder	48.6874	0.95	1	1	43.61951
SU4_str	BOBJ1	273.6874	After	Left Exterior Girder	48.6874	0.95	1	1	28.806495
SU4_str	BOBJ1	273.6874	After	Interior Girder 1	48.6874	0.95	1	1	21.185679
SU4_str	BOBJ1	273.6874	After	Interior Girder 2	48.6874	0.95	1	1	21.185679
SU4_str	BOBJ1	273.6874	After	Right Exterior Girder	48.6874	0.95	1	1	28.806494
SU4_str	BOBJ1	282.15	Before	Left Exterior Girder	57.15	0.95	1	1	29.064227
SU4_str	BOBJ1	282.15	Before	Interior Girder 1	57.15	0.95	1	1	21.398296
SU4_str	BOBJ1	282.15	Before	Interior Girder 2	57.15	0.95	1	1	21.398297
SU4_str	BOBJ1	282.15	Before	Right Exterior Girder	57.15	0.95	1	1	29.064225
SU4_str	BOBJ1	282.15	After	Left Exterior Girder	57.15	0.95	1	1	29.512828
SU4_str	BOBJ1	282.15	After	Interior Girder 1	57.15	0.95	1	1	22.315745
SU4_str	BOBJ1	282.15	After	Interior Girder 2	57.15	0.95	1	1	22.315746
SU4_str	BOBJ1	282.15	After	Right Exterior Girder	57.15	0.95	1	1	29.512826
SU4_str	BOBJ1	293.6	Before	Left Exterior Girder	68.6	0.95	1	1	31.100244
SU4_str	BOBJ1	293.6	Before	Interior Girder 1	68.6	0.95	1	1	24.423291
SU4_str	BOBJ1	293.6	Before	Interior Girder 2	68.6	0.95	1	1	24.423292
SU4_str	BOBJ1	293.6	Before	Right Exterior Girder	68.6	0.95	1	1	31.100243
SU4_str	BOBJ1	293.6	After	Left Exterior Girder	68.6	0.95	1	1	31.854882
SU4_str	BOBJ1	293.6	After	Interior Girder 1	68.6	0.95	1	1	23.000355
SU4_str	BOBJ1	293.6	After	Interior Girder 2	68.6	0.95	1	1	23.000355
SU4_str	BOBJ1	293.6	After	Right Exterior Girder	68.6	0.95	1	1	31.854884

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Main Span Girders									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
SU4_str	BOBJ1	305	Before	Left Exterior Girder	80	0.95	1	1	33.614687
SU4_str	BOBJ1	305	Before	Interior Girder 1	80	0.95	1	1	24.948288
SU4_str	BOBJ1	305	Before	Interior Girder 2	80	0.95	1	1	24.948288
SU4_str	BOBJ1	305	Before	Right Exterior Girder	80	0.95	1	1	33.614689
SU4_str	BOBJ1	305	After	Left Exterior Girder	80	0.95	1	1	32.875619
SU4_str	BOBJ1	305	After	Interior Girder 1	80	0.95	1	1	24.924803
SU4_str	BOBJ1	305	After	Interior Girder 2	80	0.95	1	1	24.924803
SU4_str	BOBJ1	305	After	Right Exterior Girder	80	0.95	1	1	32.875622
SU4_str	BOBJ1	306.9561	Before	Left Exterior Girder	81.9561	0.95	1	1	32.940515
SU4_str	BOBJ1	306.9561	Before	Interior Girder 1	81.9561	0.95	1	1	24.979588
SU4_str	BOBJ1	306.9561	Before	Interior Girder 2	81.9561	0.95	1	1	24.979587
SU4_str	BOBJ1	306.9561	Before	Right Exterior Girder	81.9561	0.95	1	1	32.940518
SU4_str	BOBJ1	306.9561	After	Left Exterior Girder	81.9561	0.95	1	1	60.458228
SU4_str	BOBJ1	306.9561	After	Interior Girder 1	81.9561	0.95	1	1	46.828321
SU4_str	BOBJ1	306.9561	After	Interior Girder 2	81.9561	0.95	1	1	46.828321
SU4_str	BOBJ1	306.9561	After	Right Exterior Girder	81.9561	0.95	1	1	60.458232
SU4_str	BOBJ1	316.4	Before	Left Exterior Girder	91.4	0.95	1	1	60.893057
SU4_str	BOBJ1	316.4	Before	Interior Girder 1	91.4	0.95	1	1	47.197445
SU4_str	BOBJ1	316.4	Before	Interior Girder 2	91.4	0.95	1	1	47.197445
SU4_str	BOBJ1	316.4	Before	Right Exterior Girder	91.4	0.95	1	1	60.893061
SU4_str	BOBJ1	316.4	After	Left Exterior Girder	91.4	0.95	1	1	62.580108
SU4_str	BOBJ1	316.4	After	Interior Girder 1	91.4	0.95	1	1	43.444005
SU4_str	BOBJ1	316.4	After	Interior Girder 2	91.4	0.95	1	1	43.444005
SU4_str	BOBJ1	316.4	After	Right Exterior Girder	91.4	0.95	1	1	62.58011
SU4_str	BOBJ1	327.85	Before	Left Exterior Girder	102.9679	0.95	1	1	66.30457
SU4_str	BOBJ1	327.85	Before	Interior Girder 1	102.9679	0.95	1	1	47.421459
SU4_str	BOBJ1	327.85	Before	Interior Girder 2	102.9679	0.95	1	1	47.42146
SU4_str	BOBJ1	327.85	Before	Right Exterior Girder	102.9679	0.95	1	1	66.304572
SU4_str	BOBJ1	327.85	After	Left Exterior Girder	102.9679	0.95	1	1	103.392098
SU4_str	BOBJ1	327.85	After	Interior Girder 1	102.9679	0.95	1	1	74.250138
SU4_str	BOBJ1	327.85	After	Interior Girder 2	102.9679	0.95	1	1	74.25014
SU4_str	BOBJ1	327.85	After	Right Exterior Girder	102.9679	0.95	1	1	103.392101
SU4_str	BOBJ1	339.3	Before	Left Exterior Girder	114.3	0.95	1	1	109.204078
SU4_str	BOBJ1	339.3	Before	Interior Girder 1	114.3	0.95	1	1	80.696045
SU4_str	BOBJ1	339.3	Before	Interior Girder 2	114.3	0.95	1	1	80.696047
SU4_str	BOBJ1	339.3	Before	Right Exterior Girder	114.3	0.95	1	1	109.20408
SU4_str	BOBJ1	339.3	After	Left Exterior Girder	114.3	0.95	1	1	113.007933
SU4_str	BOBJ1	339.3	After	Interior Girder 1	114.3	0.95	1	1	73.414774
SU4_str	BOBJ1	339.3	After	Interior Girder 2	114.3	0.95	1	1	73.414772
SU4_str	BOBJ1	339.3	After	Right Exterior Girder	114.3	0.95	1	1	113.00793
SU4_str	BOBJ1	350.7	Before	Left Exterior Girder	125.7	0.95	1	1	120.03151
SU4_str	BOBJ1	350.7	Before	Interior Girder 1	125.7	0.95	1	1	80.180551
SU4_str	BOBJ1	350.7	Before	Interior Girder 2	125.7	0.95	1	1	80.180549
SU4_str	BOBJ1	350.7	Before	Right Exterior Girder	125.7	0.95	1	1	120.031506
SU4_str	BOBJ1	350.7	After	Left Exterior Girder	125.7	0.95	1	1	123.085716
SU4_str	BOBJ1	350.7	After	Interior Girder 1	125.7	0.95	1	1	81.993874
SU4_str	BOBJ1	350.7	After	Interior Girder 2	125.7	0.95	1	1	81.993872
SU4_str	BOBJ1	350.7	After	Right Exterior Girder	125.7	0.95	1	1	123.085714
SU4_str	BOBJ1	362.1	Before	Left Exterior Girder	137.1	0.95	1	1	130.885577
SU4_str	BOBJ1	362.1	Before	Interior Girder 1	137.1	0.95	1	1	89.53985
SU4_str	BOBJ1	362.1	Before	Interior Girder 2	137.1	0.95	1	1	89.539849
SU4_str	BOBJ1	362.1	Before	Right Exterior Girder	137.1	0.95	1	1	130.885577
SU4_str	BOBJ1	362.1	After	Left Exterior Girder	137.1	0.95	1	1	136.683843
SU4_str	BOBJ1	362.1	After	Interior Girder 1	137.1	0.95	1	1	80.499595
SU4_str	BOBJ1	362.1	After	Interior Girder 2	137.1	0.95	1	1	80.499596
SU4_str	BOBJ1	362.1	After	Right Exterior Girder	137.1	0.95	1	1	136.683833
SU4_str	BOBJ1	373.55	Before	Left Exterior Girder	148.55	0.95	1	1	146.488265
SU4_str	BOBJ1	373.55	Before	Interior Girder 1	148.55	0.95	1	1	88.268248
SU4_str	BOBJ1	373.55	Before	Interior Girder 2	148.55	0.95	1	1	88.268248
SU4_str	BOBJ1	373.55	Before	Right Exterior Girder	148.55	0.95	1	1	146.488252
SU4_str	BOBJ1	373.55	After	Left Exterior Girder	148.55	0.95	1	1	151.181448
SU4_str	BOBJ1	373.55	After	Interior Girder 1	148.55	0.95	1	1	90.311589
SU4_str	BOBJ1	373.55	After	Interior Girder 2	148.55	0.95	1	1	90.311589
SU4_str	BOBJ1	373.55	After	Right Exterior Girder	148.55	0.95	1	1	151.181434
SU4_str	BOBJ1	385	Before	Left Exterior Girder	160	0.95	1	1	162.623076
SU4_str	BOBJ1	385	Before	Interior Girder 1	160	0.95	1	1	88.214201
SU4_str	BOBJ1	385	Before	Interior Girder 2	160	0.95	1	1	88.214199
SU4_str	BOBJ1	385	Before	Right Exterior Girder	160	0.95	1	1	162.623057

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Main Span Girders									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
SU4_str	BOBJ1	385	After	Left Exterior Girder	160	0.95	1	1	162.623058
SU4_str	BOBJ1	385	After	Interior Girder 1	160	0.95	1	1	88.214194
SU4_str	BOBJ1	385	After	Interior Girder 2	160	0.95	1	1	88.214197
SU4_str	BOBJ1	385	After	Right Exterior Girder	160	0.95	1	1	162.623078
SU4_str	BOBJ1	396.45	Before	Left Exterior Girder	171.45	0.95	1	1	151.181432
SU4_str	BOBJ1	396.45	Before	Interior Girder 1	171.45	0.95	1	1	90.311593
SU4_str	BOBJ1	396.45	Before	Interior Girder 2	171.45	0.95	1	1	90.311591
SU4_str	BOBJ1	396.45	Before	Right Exterior Girder	171.45	0.95	1	1	151.181448
SU4_str	BOBJ1	396.45	After	Left Exterior Girder	171.45	0.95	1	1	146.488246
SU4_str	BOBJ1	396.45	After	Interior Girder 1	171.45	0.95	1	1	88.268252
SU4_str	BOBJ1	396.45	After	Interior Girder 2	171.45	0.95	1	1	88.26825
SU4_str	BOBJ1	396.45	After	Right Exterior Girder	171.45	0.95	1	1	146.48826
SU4_str	BOBJ1	407.9	Before	Left Exterior Girder	182.9	0.95	1	1	136.68383
SU4_str	BOBJ1	407.9	Before	Interior Girder 1	182.9	0.95	1	1	80.499602
SU4_str	BOBJ1	407.9	Before	Interior Girder 2	182.9	0.95	1	1	80.499598
SU4_str	BOBJ1	407.9	Before	Right Exterior Girder	182.9	0.95	1	1	136.68384
SU4_str	BOBJ1	407.9	After	Left Exterior Girder	182.9	0.95	1	1	130.885564
SU4_str	BOBJ1	407.9	After	Interior Girder 1	182.9	0.95	1	1	89.539857
SU4_str	BOBJ1	407.9	After	Interior Girder 2	182.9	0.95	1	1	89.539853
SU4_str	BOBJ1	407.9	After	Right Exterior Girder	182.9	0.95	1	1	130.885569
SU4_str	BOBJ1	419.3	Before	Left Exterior Girder	194.3	0.95	1	1	123.085705
SU4_str	BOBJ1	419.3	Before	Interior Girder 1	194.3	0.95	1	1	81.993877
SU4_str	BOBJ1	419.3	Before	Interior Girder 2	194.3	0.95	1	1	81.993875
SU4_str	BOBJ1	419.3	Before	Right Exterior Girder	194.3	0.95	1	1	123.08571
SU4_str	BOBJ1	419.3	After	Left Exterior Girder	194.3	0.95	1	1	120.031496
SU4_str	BOBJ1	419.3	After	Interior Girder 1	194.3	0.95	1	1	80.180554
SU4_str	BOBJ1	419.3	After	Interior Girder 2	194.3	0.95	1	1	80.180552
SU4_str	BOBJ1	419.3	After	Right Exterior Girder	194.3	0.95	1	1	120.031504
SU4_str	BOBJ1	430.7	Before	Left Exterior Girder	205.7	0.95	1	1	113.007923
SU4_str	BOBJ1	430.7	Before	Interior Girder 1	205.7	0.95	1	1	73.414778
SU4_str	BOBJ1	430.7	Before	Interior Girder 2	205.7	0.95	1	1	73.414775
SU4_str	BOBJ1	430.7	Before	Right Exterior Girder	205.7	0.95	1	1	113.007929
SU4_str	BOBJ1	430.7	After	Left Exterior Girder	205.7	0.95	1	1	109.204076
SU4_str	BOBJ1	430.7	After	Interior Girder 1	205.7	0.95	1	1	80.696047
SU4_str	BOBJ1	430.7	After	Interior Girder 2	205.7	0.95	1	1	80.696044
SU4_str	BOBJ1	430.7	After	Right Exterior Girder	205.7	0.95	1	1	109.204087
SU4_str	BOBJ1	442.15	Before	Left Exterior Girder	217.0321	0.95	1	1	103.392099
SU4_str	BOBJ1	442.15	Before	Interior Girder 1	217.0321	0.95	1	1	74.250139
SU4_str	BOBJ1	442.15	Before	Interior Girder 2	217.0321	0.95	1	1	74.250137
SU4_str	BOBJ1	442.15	Before	Right Exterior Girder	217.0321	0.95	1	1	103.392106
SU4_str	BOBJ1	442.15	After	Left Exterior Girder	217.0321	0.95	1	1	66.304571
SU4_str	BOBJ1	442.15	After	Interior Girder 1	217.0321	0.95	1	1	47.421459
SU4_str	BOBJ1	442.15	After	Interior Girder 2	217.0321	0.95	1	1	47.421458
SU4_str	BOBJ1	442.15	After	Right Exterior Girder	217.0321	0.95	1	1	66.304575
SU4_str	BOBJ1	453.6	Before	Left Exterior Girder	228.6	0.95	1	1	62.580108
SU4_str	BOBJ1	453.6	Before	Interior Girder 1	228.6	0.95	1	1	43.444006
SU4_str	BOBJ1	453.6	Before	Interior Girder 2	228.6	0.95	1	1	43.444004
SU4_str	BOBJ1	453.6	Before	Right Exterior Girder	228.6	0.95	1	1	62.580113
SU4_str	BOBJ1	453.6	After	Left Exterior Girder	228.6	0.95	1	1	60.893059
SU4_str	BOBJ1	453.6	After	Interior Girder 1	228.6	0.95	1	1	47.197445
SU4_str	BOBJ1	453.6	After	Interior Girder 2	228.6	0.95	1	1	47.197444
SU4_str	BOBJ1	453.6	After	Right Exterior Girder	228.6	0.95	1	1	60.893058
SU4_str	BOBJ1	463.0439	Before	Left Exterior Girder	238.0439	0.95	1	1	60.45823
SU4_str	BOBJ1	463.0439	Before	Interior Girder 1	238.0439	0.95	1	1	46.828321
SU4_str	BOBJ1	463.0439	Before	Interior Girder 2	238.0439	0.95	1	1	46.82832
SU4_str	BOBJ1	463.0439	Before	Right Exterior Girder	238.0439	0.95	1	1	60.458229
SU4_str	BOBJ1	463.0439	After	Left Exterior Girder	238.0439	0.95	1	1	32.940516
SU4_str	BOBJ1	463.0439	After	Interior Girder 1	238.0439	0.95	1	1	24.979587
SU4_str	BOBJ1	463.0439	After	Interior Girder 2	238.0439	0.95	1	1	24.979587
SU4_str	BOBJ1	463.0439	After	Right Exterior Girder	238.0439	0.95	1	1	32.940515
SU4_str	BOBJ1	465	Before	Left Exterior Girder	240	0.95	1	1	32.87562
SU4_str	BOBJ1	465	Before	Interior Girder 1	240	0.95	1	1	24.924803
SU4_str	BOBJ1	465	Before	Interior Girder 2	240	0.95	1	1	24.924802
SU4_str	BOBJ1	465	Before	Right Exterior Girder	240	0.95	1	1	32.875619
SU4_str	BOBJ1	465	After	Left Exterior Girder	240	0.95	1	1	33.614687
SU4_str	BOBJ1	465	After	Interior Girder 1	240	0.95	1	1	24.948287
SU4_str	BOBJ1	465	After	Interior Girder 2	240	0.95	1	1	24.948287
SU4_str	BOBJ1	465	After	Right Exterior Girder	240	0.95	1	1	33.614687

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Main Span Girders									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
SU4_str	BOBJ1	476.4	Before	Left Exterior Girder	251.4	0.95	1	1	31.854883
SU4_str	BOBJ1	476.4	Before	Interior Girder 1	251.4	0.95	1	1	23.000355
SU4_str	BOBJ1	476.4	Before	Interior Girder 2	251.4	0.95	1	1	23.000355
SU4_str	BOBJ1	476.4	Before	Right Exterior Girder	251.4	0.95	1	1	31.854882
SU4_str	BOBJ1	476.4	After	Left Exterior Girder	251.4	0.95	1	1	31.100242
SU4_str	BOBJ1	476.4	After	Interior Girder 1	251.4	0.95	1	1	24.423292
SU4_str	BOBJ1	476.4	After	Interior Girder 2	251.4	0.95	1	1	24.423293
SU4_str	BOBJ1	476.4	After	Right Exterior Girder	251.4	0.95	1	1	31.100242
SU4_str	BOBJ1	487.85	Before	Left Exterior Girder	262.85	0.95	1	1	29.512826
SU4_str	BOBJ1	487.85	Before	Interior Girder 1	262.85	0.95	1	1	22.315745
SU4_str	BOBJ1	487.85	Before	Interior Girder 2	262.85	0.95	1	1	22.315747
SU4_str	BOBJ1	487.85	Before	Right Exterior Girder	262.85	0.95	1	1	29.512825
SU4_str	BOBJ1	487.85	After	Left Exterior Girder	262.85	0.95	1	1	29.064225
SU4_str	BOBJ1	487.85	After	Interior Girder 1	262.85	0.95	1	1	21.398296
SU4_str	BOBJ1	487.85	After	Interior Girder 2	262.85	0.95	1	1	21.398298
SU4_str	BOBJ1	487.85	After	Right Exterior Girder	262.85	0.95	1	1	29.064224
SU4_str	BOBJ1	496.3126	Before	Left Exterior Girder	271.3126	0.95	1	1	28.806494
SU4_str	BOBJ1	496.3126	Before	Interior Girder 1	271.3126	0.95	1	1	21.185679
SU4_str	BOBJ1	496.3126	Before	Interior Girder 2	271.3126	0.95	1	1	21.185681
SU4_str	BOBJ1	496.3126	Before	Right Exterior Girder	271.3126	0.95	1	1	28.806493
SU4_str	BOBJ1	496.3126	After	Left Exterior Girder	271.3126	0.95	1	1	43.619509
SU4_str	BOBJ1	496.3126	After	Interior Girder 1	271.3126	0.95	1	1	30.361487
SU4_str	BOBJ1	496.3126	After	Interior Girder 2	271.3126	0.95	1	1	30.361489
SU4_str	BOBJ1	496.3126	After	Right Exterior Girder	271.3126	0.95	1	1	43.619508
SU4_str	BOBJ1	499.3	Before	Left Exterior Girder	274.3	0.95	1	1	43.511937
SU4_str	BOBJ1	499.3	Before	Interior Girder 1	274.3	0.95	1	1	30.279345
SU4_str	BOBJ1	499.3	Before	Interior Girder 2	274.3	0.95	1	1	30.279347
SU4_str	BOBJ1	499.3	Before	Right Exterior Girder	274.3	0.95	1	1	43.511937
SU4_str	BOBJ1	499.3	After	Left Exterior Girder	274.3	0.95	1	1	43.13701
SU4_str	BOBJ1	499.3	After	Interior Girder 1	274.3	0.95	1	1	31.291807
SU4_str	BOBJ1	499.3	After	Interior Girder 2	274.3	0.95	1	1	31.291809
SU4_str	BOBJ1	499.3	After	Right Exterior Girder	274.3	0.95	1	1	43.137008
SU4_str	BOBJ1	503.8969	Before	Left Exterior Girder	278.8969	0.95	1	1	42.972597
SU4_str	BOBJ1	503.8969	Before	Interior Girder 1	278.8969	0.95	1	1	31.160775
SU4_str	BOBJ1	503.8969	Before	Interior Girder 2	278.8969	0.95	1	1	31.160777
SU4_str	BOBJ1	503.8969	Before	Right Exterior Girder	278.8969	0.95	1	1	42.972595
SU4_str	BOBJ1	503.8969	After	Left Exterior Girder	278.8969	0.95	1	1	68.512678
SU4_str	BOBJ1	503.8969	After	Interior Girder 1	278.8969	0.95	1	1	48.202589
SU4_str	BOBJ1	503.8969	After	Interior Girder 2	278.8969	0.95	1	1	48.202592
SU4_str	BOBJ1	503.8969	After	Right Exterior Girder	278.8969	0.95	1	1	68.512674
SU4_str	BOBJ1	510.7	Before	Left Exterior Girder	285.7	0.95	1	1	68.206762
SU4_str	BOBJ1	510.7	Before	Interior Girder 1	285.7	0.95	1	1	47.970508
SU4_str	BOBJ1	510.7	Before	Interior Girder 2	285.7	0.95	1	1	47.97051
SU4_str	BOBJ1	510.7	Before	Right Exterior Girder	285.7	0.95	1	1	68.206758
SU4_str	BOBJ1	510.7	After	Left Exterior Girder	285.7	0.95	1	1	63.247055
SU4_str	BOBJ1	510.7	After	Interior Girder 1	285.7	0.95	1	1	43.794018
SU4_str	BOBJ1	510.7	After	Interior Girder 2	285.7	0.95	1	1	43.79402
SU4_str	BOBJ1	510.7	After	Right Exterior Girder	285.7	0.95	1	1	63.247053
SU4_str	BOBJ1	511.4811	Before	Left Exterior Girder	286.4811	0.95	1	1	63.214347
SU4_str	BOBJ1	511.4811	Before	Interior Girder 1	286.4811	0.95	1	1	43.769752
SU4_str	BOBJ1	511.4811	Before	Interior Girder 2	286.4811	0.95	1	1	43.769753
SU4_str	BOBJ1	511.4811	Before	Right Exterior Girder	286.4811	0.95	1	1	63.214344
SU4_str	BOBJ1	511.4811	After	Left Exterior Girder	286.4811	0.95	1	1	89.024254
SU4_str	BOBJ1	511.4811	After	Interior Girder 1	286.4811	0.95	1	1	59.729074
SU4_str	BOBJ1	511.4811	After	Interior Girder 2	286.4811	0.95	1	1	59.729076
SU4_str	BOBJ1	511.4811	After	Right Exterior Girder	286.4811	0.95	1	1	89.02425
SU4_str	BOBJ1	522.1	Before	Left Exterior Girder	297.1	0.95	1	1	88.46798
SU4_str	BOBJ1	522.1	Before	Interior Girder 1	297.1	0.95	1	1	59.331026
SU4_str	BOBJ1	522.1	Before	Interior Girder 2	297.1	0.95	1	1	59.331028
SU4_str	BOBJ1	522.1	Before	Right Exterior Girder	297.1	0.95	1	1	88.467976
SU4_str	BOBJ1	522.1	After	Left Exterior Girder	297.1	0.95	1	1	85.142062
SU4_str	BOBJ1	522.1	After	Interior Girder 1	297.1	0.95	1	1	55.326662
SU4_str	BOBJ1	522.1	After	Interior Girder 2	297.1	0.95	1	1	55.326662
SU4_str	BOBJ1	522.1	After	Right Exterior Girder	297.1	0.95	1	1	85.142061
SU4_str	BOBJ1	530.4918	Before	Left Exterior Girder	305.4918	0.95	1	1	84.718017
SU4_str	BOBJ1	530.4918	Before	Interior Girder 1	305.4918	0.95	1	1	55.032737
SU4_str	BOBJ1	530.4918	Before	Interior Girder 2	305.4918	0.95	1	1	55.032737
SU4_str	BOBJ1	530.4918	Before	Right Exterior Girder	305.4918	0.95	1	1	84.718015

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Main Span Girders									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
SU4_str	BOBJ1	530.4918	After	Left Exterior Girder	305.4918	0.95	1	1	103.334949
SU4_str	BOBJ1	530.4918	After	Interior Girder 1	305.4918	0.95	1	1	64.156574
SU4_str	BOBJ1	530.4918	After	Interior Girder 2	305.4918	0.95	1	1	64.156574
SU4_str	BOBJ1	530.4918	After	Right Exterior Girder	305.4918	0.95	1	1	103.334948
SU4_str	BOBJ1	533.55	Before	Left Exterior Girder	308.55	0.95	1	1	103.160776
SU4_str	BOBJ1	533.55	Before	Interior Girder 1	308.55	0.95	1	1	64.0422
SU4_str	BOBJ1	533.55	Before	Interior Girder 2	308.55	0.95	1	1	64.0422
SU4_str	BOBJ1	533.55	Before	Right Exterior Girder	308.55	0.95	1	1	103.160775
SU4_str	BOBJ1	533.55	After	Left Exterior Girder	308.55	0.95	1	1	103.360184
SU4_str	BOBJ1	533.55	After	Interior Girder 1	308.55	0.95	1	1	63.316178
SU4_str	BOBJ1	533.55	After	Interior Girder 2	308.55	0.95	1	1	63.316177
SU4_str	BOBJ1	533.55	After	Right Exterior Girder	308.55	0.95	1	1	103.360182
SU4_str	BOBJ1	545	Before	Left Exterior Girder	320	0.95	1	1	100.839754
SU4_str	BOBJ1	545	Before	Interior Girder 1	320	0.95	1	1	59.419969
SU4_str	BOBJ1	545	Before	Interior Girder 2	320	0.95	1	1	59.419969
SU4_str	BOBJ1	545	Before	Right Exterior Girder	320	0.95	1	1	100.839752
SU4_str	BOBJ1	545	After	Left Exterior Girder	0	0.95	1	1	106.864894
SU4_str	BOBJ1	545	After	Interior Girder 1	0	0.95	1	1	63.016671
SU4_str	BOBJ1	545	After	Interior Girder 2	0	0.95	1	1	63.016671
SU4_str	BOBJ1	545	After	Right Exterior Girder	0	0.95	1	1	106.864892
SU4_str	BOBJ1	556.25	Before	Left Exterior Girder	11.25	0.95	1	1	107.526312
SU4_str	BOBJ1	556.25	Before	Interior Girder 1	11.25	0.95	1	1	63.429654
SU4_str	BOBJ1	556.25	Before	Interior Girder 2	11.25	0.95	1	1	63.429655
SU4_str	BOBJ1	556.25	Before	Right Exterior Girder	11.25	0.95	1	1	107.526311
SU4_str	BOBJ1	556.25	After	Left Exterior Girder	11.25	0.95	1	1	107.330056
SU4_str	BOBJ1	556.25	After	Interior Girder 1	11.25	0.95	1	1	65.049457
SU4_str	BOBJ1	556.25	After	Interior Girder 2	11.25	0.95	1	1	65.049457
SU4_str	BOBJ1	556.25	After	Right Exterior Girder	11.25	0.95	1	1	107.330055
SU4_str	BOBJ1	559.4358	Before	Left Exterior Girder	14.4358	0.95	1	1	107.516866
SU4_str	BOBJ1	559.4358	Before	Interior Girder 1	14.4358	0.95	1	1	65.169275
SU4_str	BOBJ1	559.4358	Before	Interior Girder 2	14.4358	0.95	1	1	65.169275
SU4_str	BOBJ1	559.4358	Before	Right Exterior Girder	14.4358	0.95	1	1	107.516865
SU4_str	BOBJ1	559.4358	After	Left Exterior Girder	14.4358	0.95	1	1	88.562561
SU4_str	BOBJ1	559.4358	After	Interior Girder 1	14.4358	0.95	1	1	55.914941
SU4_str	BOBJ1	559.4358	After	Interior Girder 2	14.4358	0.95	1	1	55.914942
SU4_str	BOBJ1	559.4358	After	Right Exterior Girder	14.4358	0.95	1	1	88.56256
SU4_str	BOBJ1	567.5	Before	Left Exterior Girder	22.5	0.95	1	1	88.983012
SU4_str	BOBJ1	567.5	Before	Interior Girder 1	22.5	0.95	1	1	56.19832
SU4_str	BOBJ1	567.5	Before	Interior Girder 2	22.5	0.95	1	1	56.19832
SU4_str	BOBJ1	567.5	Before	Right Exterior Girder	22.5	0.95	1	1	88.983011
SU4_str	BOBJ1	567.5	After	Left Exterior Girder	22.5	0.95	1	1	88.244101
SU4_str	BOBJ1	567.5	After	Interior Girder 1	22.5	0.95	1	1	55.652576
SU4_str	BOBJ1	567.5	After	Interior Girder 2	22.5	0.95	1	1	55.652576
SU4_str	BOBJ1	567.5	After	Right Exterior Girder	22.5	0.95	1	1	88.2441
SU4_str	BOBJ1	570.0586	Before	Left Exterior Girder	25.0586	0.95	1	1	88.37626
SU4_str	BOBJ1	570.0586	Before	Interior Girder 1	25.0586	0.95	1	1	55.741451
SU4_str	BOBJ1	570.0586	Before	Interior Girder 2	25.0586	0.95	1	1	55.741451
SU4_str	BOBJ1	570.0586	Before	Right Exterior Girder	25.0586	0.95	1	1	88.376259
SU4_str	BOBJ1	570.0586	After	Left Exterior Girder	25.0586	0.95	1	1	69.250972
SU4_str	BOBJ1	570.0586	After	Interior Girder 1	25.0586	0.95	1	1	45.878752
SU4_str	BOBJ1	570.0586	After	Interior Girder 2	25.0586	0.95	1	1	45.878752
SU4_str	BOBJ1	570.0586	After	Right Exterior Girder	25.0586	0.95	1	1	69.250972
SU4_str	BOBJ1	578.75	Before	Left Exterior Girder	33.75	0.95	1	1	69.644541
SU4_str	BOBJ1	578.75	Before	Interior Girder 1	33.75	0.95	1	1	46.160213
SU4_str	BOBJ1	578.75	Before	Interior Girder 2	33.75	0.95	1	1	46.160213
SU4_str	BOBJ1	578.75	Before	Right Exterior Girder	33.75	0.95	1	1	69.644541
SU4_str	BOBJ1	578.75	After	Left Exterior Girder	33.75	0.95	1	1	71.482252
SU4_str	BOBJ1	578.75	After	Interior Girder 1	33.75	0.95	1	1	49.962375
SU4_str	BOBJ1	578.75	After	Interior Girder 2	33.75	0.95	1	1	49.962375
SU4_str	BOBJ1	578.75	After	Right Exterior Girder	33.75	0.95	1	1	71.482251
SU4_str	BOBJ1	586.8142	Before	Left Exterior Girder	41.8142	0.95	1	1	71.856347
SU4_str	BOBJ1	586.8142	Before	Interior Girder 1	41.8142	0.95	1	1	50.244558
SU4_str	BOBJ1	586.8142	Before	Interior Girder 2	41.8142	0.95	1	1	50.244558
SU4_str	BOBJ1	586.8142	Before	Right Exterior Girder	41.8142	0.95	1	1	71.856347
SU4_str	BOBJ1	586.8142	After	Left Exterior Girder	41.8142	0.95	1	1	44.939278
SU4_str	BOBJ1	586.8142	After	Interior Girder 1	41.8142	0.95	1	1	32.195142
SU4_str	BOBJ1	586.8142	After	Interior Girder 2	41.8142	0.95	1	1	32.195142
SU4_str	BOBJ1	586.8142	After	Right Exterior Girder	41.8142	0.95	1	1	44.939278

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Main Span Girders									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
SU4_str	BOBJ1	590	Before	Left Exterior Girder	45	0.95	1	1	45.055397
SU4_str	BOBJ1	590	Before	Interior Girder 1	45	0.95	1	1	32.28653
SU4_str	BOBJ1	590	Before	Interior Girder 2	45	0.95	1	1	32.28653
SU4_str	BOBJ1	590	Before	Right Exterior Girder	45	0.95	1	1	45.055396
SU4_str	BOBJ1	590	After	Left Exterior Girder	45	0.95	1	1	48.117225
SU4_str	BOBJ1	590	After	Interior Girder 1	45	0.95	1	1	34.648143
SU4_str	BOBJ1	590	After	Interior Girder 2	45	0.95	1	1	34.648143
SU4_str	BOBJ1	590	After	Right Exterior Girder	45	0.95	1	1	48.117225
SU4_str	BOBJ1	601.25	Before	Left Exterior Girder	56.25	0.95	1	1	48.553132
SU4_str	BOBJ1	601.25	Before	Interior Girder 1	56.25	0.95	1	1	34.993593
SU4_str	BOBJ1	601.25	Before	Interior Girder 2	56.25	0.95	1	1	34.993593
SU4_str	BOBJ1	601.25	Before	Right Exterior Girder	56.25	0.95	1	1	48.553132
SU4_str	BOBJ1	601.25	After	Left Exterior Girder	56.25	0.95	1	1	45.954394
SU4_str	BOBJ1	601.25	After	Interior Girder 1	56.25	0.95	1	1	36.4391
SU4_str	BOBJ1	601.25	After	Interior Girder 2	56.25	0.95	1	1	36.4391
SU4_str	BOBJ1	601.25	After	Right Exterior Girder	56.25	0.95	1	1	45.954394
SU4_str	BOBJ1	601.7478	Before	Left Exterior Girder	56.7478	0.95	1	1	45.972729
SU4_str	BOBJ1	601.7478	Before	Interior Girder 1	56.7478	0.95	1	1	36.45489
SU4_str	BOBJ1	601.7478	Before	Interior Girder 2	56.7478	0.95	1	1	36.45489
SU4_str	BOBJ1	601.7478	Before	Right Exterior Girder	56.7478	0.95	1	1	45.972728
SU4_str	BOBJ1	601.7478	After	Left Exterior Girder	56.7478	0.95	1	1	32.997061
SU4_str	BOBJ1	601.7478	After	Interior Girder 1	56.7478	0.95	1	1	25.448264
SU4_str	BOBJ1	601.7478	After	Interior Girder 2	56.7478	0.95	1	1	25.448264
SU4_str	BOBJ1	601.7478	After	Right Exterior Girder	56.7478	0.95	1	1	32.997061
SU4_str	BOBJ1	612.5	Before	Left Exterior Girder	67.5	0.95	1	1	33.35194
SU4_str	BOBJ1	612.5	Before	Interior Girder 1	67.5	0.95	1	1	25.75566
SU4_str	BOBJ1	612.5	Before	Interior Girder 2	67.5	0.95	1	1	25.75566
SU4_str	BOBJ1	612.5	Before	Right Exterior Girder	67.5	0.95	1	1	33.351939
SU4_str	BOBJ1	612.5	After	Left Exterior Girder	67.5	0.95	1	1	35.959728
SU4_str	BOBJ1	612.5	After	Interior Girder 1	67.5	0.95	1	1	26.359549
SU4_str	BOBJ1	612.5	After	Interior Girder 2	67.5	0.95	1	1	26.359549
SU4_str	BOBJ1	612.5	After	Right Exterior Girder	67.5	0.95	1	1	35.959728
SU4_str	BOBJ1	623.75	Before	Left Exterior Girder	78.75	0.95	1	1	36.35696
SU4_str	BOBJ1	623.75	Before	Interior Girder 1	78.75	0.95	1	1	26.68659
SU4_str	BOBJ1	623.75	Before	Interior Girder 2	78.75	0.95	1	1	26.68659
SU4_str	BOBJ1	623.75	Before	Right Exterior Girder	78.75	0.95	1	1	36.356961
SU4_str	BOBJ1	623.75	After	Left Exterior Girder	78.75	0.95	1	1	39.110248
SU4_str	BOBJ1	623.75	After	Interior Girder 1	78.75	0.95	1	1	30.048327
SU4_str	BOBJ1	623.75	After	Interior Girder 2	78.75	0.95	1	1	30.048326
SU4_str	BOBJ1	623.75	After	Right Exterior Girder	78.75	0.95	1	1	39.110248
SU4_str	BOBJ1	635	Before	Left Exterior Girder	90	0.95	1	1	39.535038
SU4_str	BOBJ1	635	Before	Interior Girder 1	90	0.95	1	1	30.414815
SU4_str	BOBJ1	635	Before	Interior Girder 2	90	0.95	1	1	30.414814
SU4_str	BOBJ1	635	Before	Right Exterior Girder	90	0.95	1	1	39.535038
SU4_str	BOBJ1	635	After	Left Exterior Girder	90	0.95	1	1	42.780463
SU4_str	BOBJ1	635	After	Interior Girder 1	90	0.95	1	1	29.163898
SU4_str	BOBJ1	635	After	Interior Girder 2	90	0.95	1	1	29.163897
SU4_str	BOBJ1	635	After	Right Exterior Girder	90	0.95	1	1	42.780465
SU4_str	BOBJ1	643.5619	Before	Left Exterior Girder	98.5619	0.95	1	1	43.127818
SU4_str	BOBJ1	643.5619	Before	Interior Girder 1	98.5619	0.95	1	1	29.429884
SU4_str	BOBJ1	643.5619	Before	Interior Girder 2	98.5619	0.95	1	1	29.429882
SU4_str	BOBJ1	643.5619	Before	Right Exterior Girder	98.5619	0.95	1	1	43.127819
SU4_str	BOBJ1	643.5619	After	Left Exterior Girder	98.5619	0.95	1	1	71.80884
SU4_str	BOBJ1	643.5619	After	Interior Girder 1	98.5619	0.95	1	1	49.265854
SU4_str	BOBJ1	643.5619	After	Interior Girder 2	98.5619	0.95	1	1	49.265851
SU4_str	BOBJ1	643.5619	After	Right Exterior Girder	98.5619	0.95	1	1	71.808843
SU4_str	BOBJ1	646.25	Before	Left Exterior Girder	101.25	0.95	1	1	71.945698
SU4_str	BOBJ1	646.25	Before	Interior Girder 1	101.25	0.95	1	1	49.368948
SU4_str	BOBJ1	646.25	Before	Interior Girder 2	101.25	0.95	1	1	49.368945
SU4_str	BOBJ1	646.25	Before	Right Exterior Girder	101.25	0.95	1	1	71.945702
SU4_str	BOBJ1	646.25	After	Left Exterior Girder	101.25	0.95	1	1	79.596367
SU4_str	BOBJ1	646.25	After	Interior Girder 1	101.25	0.95	1	1	56.666981
SU4_str	BOBJ1	646.25	After	Interior Girder 2	101.25	0.95	1	1	56.666978
SU4_str	BOBJ1	646.25	After	Right Exterior Girder	101.25	0.95	1	1	79.596371
SU4_str	BOBJ1	657.5	Before	Left Exterior Girder	112.5	0.95	1	1	80.228305
SU4_str	BOBJ1	657.5	Before	Interior Girder 1	112.5	0.95	1	1	57.161714
SU4_str	BOBJ1	657.5	Before	Interior Girder 2	112.5	0.95	1	1	57.161711
SU4_str	BOBJ1	657.5	Before	Right Exterior Girder	112.5	0.95	1	1	80.228308

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Main Span Girders									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
SU4_str	BOBJ1	657.5	After	Left Exterior Girder	112.5	0.95	1	1	90.887867
SU4_str	BOBJ1	657.5	After	Interior Girder 1	112.5	0.95	1	1	56.110733
SU4_str	BOBJ1	657.5	After	Interior Girder 2	112.5	0.95	1	1	56.11074
SU4_str	BOBJ1	657.5	After	Right Exterior Girder	112.5	0.95	1	1	90.88786
SU4_str	BOBJ1	668.75	Before	Left Exterior Girder	123.75	0.95	1	1	91.600368
SU4_str	BOBJ1	668.75	Before	Interior Girder 1	123.75	0.95	1	1	56.594665
SU4_str	BOBJ1	668.75	Before	Interior Girder 2	123.75	0.95	1	1	56.594673
SU4_str	BOBJ1	668.75	Before	Right Exterior Girder	123.75	0.95	1	1	91.600361
SU4_str	BOBJ1	668.75	After	Left Exterior Girder	123.75	0.95	1	1	103.26131
SU4_str	BOBJ1	668.75	After	Interior Girder 1	123.75	0.95	1	1	64.567213
SU4_str	BOBJ1	668.75	After	Interior Girder 2	123.75	0.95	1	1	64.567222
SU4_str	BOBJ1	668.75	After	Right Exterior Girder	123.75	0.95	1	1	103.261297
SU4_str	BOBJ1	680	Before	Left Exterior Girder	135	0.95	1	1	104.061775
SU4_str	BOBJ1	680	Before	Interior Girder 1	135	0.95	1	1	65.117823
SU4_str	BOBJ1	680	Before	Interior Girder 2	135	0.95	1	1	65.117833
SU4_str	BOBJ1	680	Before	Right Exterior Girder	135	0.95	1	1	104.061761
SU4_str	BOBJ1	680	After	Left Exterior Girder	135	0.95	1	1	118.146162
SU4_str	BOBJ1	680	After	Interior Girder 1	135	0.95	1	1	63.656412
SU4_str	BOBJ1	680	After	Interior Girder 2	135	0.95	1	1	63.656409
SU4_str	BOBJ1	680	After	Right Exterior Girder	135	0.95	1	1	118.14617
SU4_str	BOBJ1	691.25	Before	Left Exterior Girder	146.25	0.95	1	1	117.269424
SU4_str	BOBJ1	691.25	Before	Interior Girder 1	146.25	0.95	1	1	64.192846
SU4_str	BOBJ1	691.25	Before	Interior Girder 2	146.25	0.95	1	1	64.192844
SU4_str	BOBJ1	691.25	Before	Right Exterior Girder	146.25	0.95	1	1	117.269432
SU4_str	BOBJ1	691.25	After	Left Exterior Girder	146.25	0.95	1	1	102.979854
SU4_str	BOBJ1	691.25	After	Interior Girder 1	146.25	0.95	1	1	62.344582
SU4_str	BOBJ1	691.25	After	Interior Girder 2	146.25	0.95	1	1	62.344585
SU4_str	BOBJ1	691.25	After	Right Exterior Girder	146.25	0.95	1	1	102.979853
SU4_str	BOBJ1	702.5	Before	Left Exterior Girder	157.5	0.95	1	1	102.207401
SU4_str	BOBJ1	702.5	Before	Interior Girder 1	157.5	0.95	1	1	61.829989
SU4_str	BOBJ1	702.5	Before	Interior Girder 2	157.5	0.95	1	1	61.829992
SU4_str	BOBJ1	702.5	Before	Right Exterior Girder	157.5	0.95	1	1	102.2074
SU4_str	BOBJ1	702.5	After	Left Exterior Girder	157.5	0.95	1	1	88.615382
SU4_str	BOBJ1	702.5	After	Interior Girder 1	157.5	0.95	1	1	63.003884
SU4_str	BOBJ1	702.5	After	Interior Girder 2	157.5	0.95	1	1	63.003886
SU4_str	BOBJ1	702.5	After	Right Exterior Girder	157.5	0.95	1	1	88.615374
SU4_str	BOBJ1	713.75	Before	Left Exterior Girder	168.75	0.95	1	1	87.94253
SU4_str	BOBJ1	713.75	Before	Interior Girder 1	168.75	0.95	1	1	62.477773
SU4_str	BOBJ1	713.75	Before	Interior Girder 2	168.75	0.95	1	1	62.477776
SU4_str	BOBJ1	713.75	Before	Right Exterior Girder	168.75	0.95	1	1	87.942522
SU4_str	BOBJ1	713.75	After	Left Exterior Girder	168.75	0.95	1	1	79.077631
SU4_str	BOBJ1	713.75	After	Interior Girder 1	168.75	0.95	1	1	54.629661
SU4_str	BOBJ1	713.75	After	Interior Girder 2	168.75	0.95	1	1	54.629661
SU4_str	BOBJ1	713.75	After	Right Exterior Girder	168.75	0.95	1	1	79.07763
SU4_str	BOBJ1	725	Before	Left Exterior Girder	180	0.95	1	1	78.470554
SU4_str	BOBJ1	725	Before	Interior Girder 1	180	0.95	1	1	54.16841
SU4_str	BOBJ1	725	Before	Interior Girder 2	180	0.95	1	1	54.16841
SU4_str	BOBJ1	725	Before	Right Exterior Girder	180	0.95	1	1	78.470553
SU4_str	BOBJ1	725	After	Left Exterior Girder	180	0.95	1	1	69.442887
SU4_str	BOBJ1	725	After	Interior Girder 1	180	0.95	1	1	53.284234
SU4_str	BOBJ1	725	After	Interior Girder 2	180	0.95	1	1	53.284231
SU4_str	BOBJ1	725	After	Right Exterior Girder	180	0.95	1	1	69.442896
SU4_str	BOBJ1	731.1726	Before	Left Exterior Girder	186.1726	0.95	1	1	69.146934
SU4_str	BOBJ1	731.1726	Before	Interior Girder 1	186.1726	0.95	1	1	53.034644
SU4_str	BOBJ1	731.1726	Before	Interior Girder 2	186.1726	0.95	1	1	53.034641
SU4_str	BOBJ1	731.1726	Before	Right Exterior Girder	186.1726	0.95	1	1	69.146942
SU4_str	BOBJ1	731.1726	After	Left Exterior Girder	186.1726	0.95	1	1	40.301285
SU4_str	BOBJ1	731.1726	After	Interior Girder 1	186.1726	0.95	1	1	30.128926
SU4_str	BOBJ1	731.1726	After	Interior Girder 2	186.1726	0.95	1	1	30.128925
SU4_str	BOBJ1	731.1726	After	Right Exterior Girder	186.1726	0.95	1	1	40.301289
SU4_str	BOBJ1	736.25	Before	Left Exterior Girder	191.25	0.95	1	1	40.115476
SU4_str	BOBJ1	736.25	Before	Interior Girder 1	191.25	0.95	1	1	29.973043
SU4_str	BOBJ1	736.25	Before	Interior Girder 2	191.25	0.95	1	1	29.973041
SU4_str	BOBJ1	736.25	Before	Right Exterior Girder	191.25	0.95	1	1	40.11548
SU4_str	BOBJ1	736.25	After	Left Exterior Girder	191.25	0.95	1	1	38.903276
SU4_str	BOBJ1	736.25	After	Interior Girder 1	191.25	0.95	1	1	28.235826
SU4_str	BOBJ1	736.25	After	Interior Girder 2	191.25	0.95	1	1	28.235826
SU4_str	BOBJ1	736.25	After	Right Exterior Girder	191.25	0.95	1	1	38.903278

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Main Span Girders									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
SU4_str	BOBJ1	747.5	Before	Left Exterior Girder	202.5	0.95	1	1	38.502562
SU4_str	BOBJ1	747.5	Before	Interior Girder 1	202.5	0.95	1	1	27.909294
SU4_str	BOBJ1	747.5	Before	Interior Girder 2	202.5	0.95	1	1	27.909293
SU4_str	BOBJ1	747.5	Before	Right Exterior Girder	202.5	0.95	1	1	38.502563
SU4_str	BOBJ1	747.5	After	Left Exterior Girder	202.5	0.95	1	1	34.759516
SU4_str	BOBJ1	747.5	After	Interior Girder 1	202.5	0.95	1	1	25.647512
SU4_str	BOBJ1	747.5	After	Interior Girder 2	202.5	0.95	1	1	25.647511
SU4_str	BOBJ1	747.5	After	Right Exterior Girder	202.5	0.95	1	1	34.759515
SU4_str	BOBJ1	758.75	Before	Left Exterior Girder	213.75	0.95	1	1	34.394795
SU4_str	BOBJ1	758.75	Before	Interior Girder 1	213.75	0.95	1	1	25.345774
SU4_str	BOBJ1	758.75	Before	Interior Girder 2	213.75	0.95	1	1	25.345773
SU4_str	BOBJ1	758.75	Before	Right Exterior Girder	213.75	0.95	1	1	34.394794
SU4_str	BOBJ1	758.75	After	Left Exterior Girder	213.75	0.95	1	1	31.853135
SU4_str	BOBJ1	758.75	After	Interior Girder 1	213.75	0.95	1	1	20.891359
SU4_str	BOBJ1	758.75	After	Interior Girder 2	213.75	0.95	1	1	20.891356
SU4_str	BOBJ1	758.75	After	Right Exterior Girder	213.75	0.95	1	1	31.853136
SU4_str	BOBJ1	770	Before	Left Exterior Girder	225	0.95	1	1	31.513416
SU4_str	BOBJ1	770	Before	Interior Girder 1	225	0.95	1	1	20.641482
SU4_str	BOBJ1	770	Before	Interior Girder 2	225	0.95	1	1	20.64148
SU4_str	BOBJ1	770	Before	Right Exterior Girder	225	0.95	1	1	31.513417
SU5_str	BOBJ1	0	After	Left Exterior Girder	0	0.95	1	1	27.725289
SU5_str	BOBJ1	0	After	Interior Girder 1	0	0.95	1	1	18.401888
SU5_str	BOBJ1	0	After	Interior Girder 2	0	0.95	1	1	18.40189
SU5_str	BOBJ1	0	After	Right Exterior Girder	0	0.95	1	1	27.725288
SU5_str	BOBJ1	11.25	Before	Left Exterior Girder	11.25	0.95	1	1	28.024172
SU5_str	BOBJ1	11.25	Before	Interior Girder 1	11.25	0.95	1	1	18.624653
SU5_str	BOBJ1	11.25	Before	Interior Girder 2	11.25	0.95	1	1	18.624654
SU5_str	BOBJ1	11.25	Before	Right Exterior Girder	11.25	0.95	1	1	28.02417
SU5_str	BOBJ1	11.25	After	Left Exterior Girder	11.25	0.95	1	1	30.258959
SU5_str	BOBJ1	11.25	After	Interior Girder 1	11.25	0.95	1	1	22.55935
SU5_str	BOBJ1	11.25	After	Interior Girder 2	11.25	0.95	1	1	22.559352
SU5_str	BOBJ1	11.25	After	Right Exterior Girder	11.25	0.95	1	1	30.258957
SU5_str	BOBJ1	22.5	Before	Left Exterior Girder	22.5	0.95	1	1	30.579825
SU5_str	BOBJ1	22.5	Before	Interior Girder 1	22.5	0.95	1	1	22.827916
SU5_str	BOBJ1	22.5	Before	Interior Girder 2	22.5	0.95	1	1	22.827918
SU5_str	BOBJ1	22.5	Before	Right Exterior Girder	22.5	0.95	1	1	30.579822
SU5_str	BOBJ1	22.5	After	Left Exterior Girder	22.5	0.95	1	1	33.888338
SU5_str	BOBJ1	22.5	After	Interior Girder 1	22.5	0.95	1	1	24.837504
SU5_str	BOBJ1	22.5	After	Interior Girder 2	22.5	0.95	1	1	24.837503
SU5_str	BOBJ1	22.5	After	Right Exterior Girder	22.5	0.95	1	1	33.888338
SU5_str	BOBJ1	33.75	Before	Left Exterior Girder	33.75	0.95	1	1	34.24103
SU5_str	BOBJ1	33.75	Before	Interior Girder 1	33.75	0.95	1	1	25.128098
SU5_str	BOBJ1	33.75	Before	Interior Girder 2	33.75	0.95	1	1	25.128097
SU5_str	BOBJ1	33.75	Before	Right Exterior Girder	33.75	0.95	1	1	34.24103
SU5_str	BOBJ1	33.75	After	Left Exterior Girder	33.75	0.95	1	1	35.315722
SU5_str	BOBJ1	33.75	After	Interior Girder 1	33.75	0.95	1	1	26.646163
SU5_str	BOBJ1	33.75	After	Interior Girder 2	33.75	0.95	1	1	26.646162
SU5_str	BOBJ1	33.75	After	Right Exterior Girder	33.75	0.95	1	1	35.315723
SU5_str	BOBJ1	38.8274	Before	Left Exterior Girder	38.8274	0.95	1	1	35.479299
SU5_str	BOBJ1	38.8274	Before	Interior Girder 1	38.8274	0.95	1	1	26.784745
SU5_str	BOBJ1	38.8274	Before	Interior Girder 2	38.8274	0.95	1	1	26.784743
SU5_str	BOBJ1	38.8274	Before	Right Exterior Girder	38.8274	0.95	1	1	35.4793
SU5_str	BOBJ1	38.8274	After	Left Exterior Girder	38.8274	0.95	1	1	60.963108
SU5_str	BOBJ1	38.8274	After	Interior Girder 1	38.8274	0.95	1	1	47.113207
SU5_str	BOBJ1	38.8274	After	Interior Girder 2	38.8274	0.95	1	1	47.113204
SU5_str	BOBJ1	38.8274	After	Right Exterior Girder	38.8274	0.95	1	1	60.963111
SU5_str	BOBJ1	45	Before	Left Exterior Girder	45	0.95	1	1	61.224034
SU5_str	BOBJ1	45	Before	Interior Girder 1	45	0.95	1	1	47.334929
SU5_str	BOBJ1	45	Before	Interior Girder 2	45	0.95	1	1	47.334927
SU5_str	BOBJ1	45	Before	Right Exterior Girder	45	0.95	1	1	61.224037
SU5_str	BOBJ1	45	After	Left Exterior Girder	45	0.95	1	1	69.208915
SU5_str	BOBJ1	45	After	Interior Girder 1	45	0.95	1	1	48.208508
SU5_str	BOBJ1	45	After	Interior Girder 2	45	0.95	1	1	48.208503
SU5_str	BOBJ1	45	After	Right Exterior Girder	45	0.95	1	1	69.208918
SU5_str	BOBJ1	56.25	Before	Left Exterior Girder	56.25	0.95	1	1	69.744341
SU5_str	BOBJ1	56.25	Before	Interior Girder 1	56.25	0.95	1	1	48.619009
SU5_str	BOBJ1	56.25	Before	Interior Girder 2	56.25	0.95	1	1	48.619005
SU5_str	BOBJ1	56.25	Before	Right Exterior Girder	56.25	0.95	1	1	69.744343

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Main Span Girders									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
SU5_str	BOBJ1	56.25	After	Left Exterior Girder	56.25	0.95	1	1	77.696317
SU5_str	BOBJ1	56.25	After	Interior Girder 1	56.25	0.95	1	1	55.60271
SU5_str	BOBJ1	56.25	After	Interior Girder 2	56.25	0.95	1	1	55.602704
SU5_str	BOBJ1	56.25	After	Right Exterior Girder	56.25	0.95	1	1	77.696319
SU5_str	BOBJ1	67.5	Before	Left Exterior Girder	67.5	0.95	1	1	78.290774
SU5_str	BOBJ1	67.5	Before	Interior Girder 1	67.5	0.95	1	1	56.070928
SU5_str	BOBJ1	67.5	Before	Interior Girder 2	67.5	0.95	1	1	56.070922
SU5_str	BOBJ1	67.5	Before	Right Exterior Girder	67.5	0.95	1	1	78.290777
SU5_str	BOBJ1	67.5	After	Left Exterior Girder	67.5	0.95	1	1	90.38226
SU5_str	BOBJ1	67.5	After	Interior Girder 1	67.5	0.95	1	1	55.092541
SU5_str	BOBJ1	67.5	After	Interior Girder 2	67.5	0.95	1	1	55.092545
SU5_str	BOBJ1	67.5	After	Right Exterior Girder	67.5	0.95	1	1	90.38224
SU5_str	BOBJ1	78.75	Before	Left Exterior Girder	78.75	0.95	1	1	91.065343
SU5_str	BOBJ1	78.75	Before	Interior Girder 1	78.75	0.95	1	1	55.55106
SU5_str	BOBJ1	78.75	Before	Interior Girder 2	78.75	0.95	1	1	55.551063
SU5_str	BOBJ1	78.75	Before	Right Exterior Girder	78.75	0.95	1	1	91.065322
SU5_str	BOBJ1	78.75	After	Left Exterior Girder	78.75	0.95	1	1	103.923254
SU5_str	BOBJ1	78.75	After	Interior Girder 1	78.75	0.95	1	1	57.293296
SU5_str	BOBJ1	78.75	After	Interior Girder 2	78.75	0.95	1	1	57.293291
SU5_str	BOBJ1	78.75	After	Right Exterior Girder	78.75	0.95	1	1	103.923226
SU5_str	BOBJ1	90	Before	Left Exterior Girder	90	0.95	1	1	104.700212
SU5_str	BOBJ1	90	Before	Interior Girder 1	90	0.95	1	1	56.814518
SU5_str	BOBJ1	90	Before	Interior Girder 2	90	0.95	1	1	56.814513
SU5_str	BOBJ1	90	Before	Right Exterior Girder	90	0.95	1	1	104.700184
SU5_str	BOBJ1	90	After	Left Exterior Girder	90	0.95	1	1	92.180865
SU5_str	BOBJ1	90	After	Interior Girder 1	90	0.95	1	1	57.993127
SU5_str	BOBJ1	90	After	Interior Girder 2	90	0.95	1	1	57.993115
SU5_str	BOBJ1	90	After	Right Exterior Girder	90	0.95	1	1	92.180874
SU5_str	BOBJ1	101.25	Before	Left Exterior Girder	101.25	0.95	1	1	91.471791
SU5_str	BOBJ1	101.25	Before	Interior Girder 1	101.25	0.95	1	1	57.50276
SU5_str	BOBJ1	101.25	Before	Interior Girder 2	101.25	0.95	1	1	57.502748
SU5_str	BOBJ1	101.25	Before	Right Exterior Girder	101.25	0.95	1	1	91.4718
SU5_str	BOBJ1	101.25	After	Left Exterior Girder	101.25	0.95	1	1	80.897286
SU5_str	BOBJ1	101.25	After	Interior Girder 1	101.25	0.95	1	1	50.365615
SU5_str	BOBJ1	101.25	After	Interior Girder 2	101.25	0.95	1	1	50.365607
SU5_str	BOBJ1	101.25	After	Right Exterior Girder	101.25	0.95	1	1	80.897289
SU5_str	BOBJ1	112.5	Before	Left Exterior Girder	112.5	0.95	1	1	80.268037
SU5_str	BOBJ1	112.5	Before	Interior Girder 1	112.5	0.95	1	1	49.934946
SU5_str	BOBJ1	112.5	Before	Interior Girder 2	112.5	0.95	1	1	49.934939
SU5_str	BOBJ1	112.5	Before	Right Exterior Girder	112.5	0.95	1	1	80.268041
SU5_str	BOBJ1	112.5	After	Left Exterior Girder	112.5	0.95	1	1	70.742985
SU5_str	BOBJ1	112.5	After	Interior Girder 1	112.5	0.95	1	1	50.792086
SU5_str	BOBJ1	112.5	After	Interior Girder 2	112.5	0.95	1	1	50.792089
SU5_str	BOBJ1	112.5	After	Right Exterior Girder	112.5	0.95	1	1	70.742981
SU5_str	BOBJ1	123.75	Before	Left Exterior Girder	123.75	0.95	1	1	70.185761
SU5_str	BOBJ1	123.75	Before	Interior Girder 1	123.75	0.95	1	1	50.352482
SU5_str	BOBJ1	123.75	Before	Interior Girder 2	123.75	0.95	1	1	50.352485
SU5_str	BOBJ1	123.75	Before	Right Exterior Girder	123.75	0.95	1	1	70.185757
SU5_str	BOBJ1	123.75	After	Left Exterior Girder	123.75	0.95	1	1	63.378834
SU5_str	BOBJ1	123.75	After	Interior Girder 1	123.75	0.95	1	1	43.760686
SU5_str	BOBJ1	123.75	After	Interior Girder 2	123.75	0.95	1	1	43.760689
SU5_str	BOBJ1	123.75	After	Right Exterior Girder	123.75	0.95	1	1	63.37883
SU5_str	BOBJ1	126.4381	Before	Left Exterior Girder	126.4381	0.95	1	1	63.258272
SU5_str	BOBJ1	126.4381	Before	Interior Girder 1	126.4381	0.95	1	1	43.669304
SU5_str	BOBJ1	126.4381	Before	Interior Girder 2	126.4381	0.95	1	1	43.669307
SU5_str	BOBJ1	126.4381	Before	Right Exterior Girder	126.4381	0.95	1	1	63.258268
SU5_str	BOBJ1	126.4381	After	Left Exterior Girder	126.4381	0.95	1	1	37.946689
SU5_str	BOBJ1	126.4381	After	Interior Girder 1	126.4381	0.95	1	1	26.133043
SU5_str	BOBJ1	126.4381	After	Interior Girder 2	126.4381	0.95	1	1	26.133045
SU5_str	BOBJ1	126.4381	After	Right Exterior Girder	126.4381	0.95	1	1	37.946687
SU5_str	BOBJ1	135	Before	Left Exterior Girder	135	0.95	1	1	37.641064
SU5_str	BOBJ1	135	Before	Interior Girder 1	135	0.95	1	1	25.896854
SU5_str	BOBJ1	135	Before	Interior Girder 2	135	0.95	1	1	25.896856
SU5_str	BOBJ1	135	Before	Right Exterior Girder	135	0.95	1	1	37.641061
SU5_str	BOBJ1	135	After	Left Exterior Girder	135	0.95	1	1	34.752719
SU5_str	BOBJ1	135	After	Interior Girder 1	135	0.95	1	1	26.975741
SU5_str	BOBJ1	135	After	Interior Girder 2	135	0.95	1	1	26.975743
SU5_str	BOBJ1	135	After	Right Exterior Girder	135	0.95	1	1	34.752718

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Main Span Girders									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
SU5_str	BOBJ1	146.25	Before	Left Exterior Girder	146.25	0.95	1	1	34.379314
SU5_str	BOBJ1	146.25	Before	Interior Girder 1	146.25	0.95	1	1	26.650693
SU5_str	BOBJ1	146.25	Before	Interior Girder 2	146.25	0.95	1	1	26.650695
SU5_str	BOBJ1	146.25	Before	Right Exterior Girder	146.25	0.95	1	1	34.379312
SU5_str	BOBJ1	146.25	After	Left Exterior Girder	146.25	0.95	1	1	31.932897
SU5_str	BOBJ1	146.25	After	Interior Girder 1	146.25	0.95	1	1	23.672385
SU5_str	BOBJ1	146.25	After	Interior Girder 2	146.25	0.95	1	1	23.672386
SU5_str	BOBJ1	146.25	After	Right Exterior Girder	146.25	0.95	1	1	31.932895
SU5_str	BOBJ1	157.5	Before	Left Exterior Girder	157.5	0.95	1	1	31.584001
SU5_str	BOBJ1	157.5	Before	Interior Girder 1	157.5	0.95	1	1	23.382282
SU5_str	BOBJ1	157.5	Before	Interior Girder 2	157.5	0.95	1	1	23.382283
SU5_str	BOBJ1	157.5	Before	Right Exterior Girder	157.5	0.95	1	1	31.584
SU5_str	BOBJ1	157.5	After	Left Exterior Girder	157.5	0.95	1	1	29.274782
SU5_str	BOBJ1	157.5	After	Interior Girder 1	157.5	0.95	1	1	22.815367
SU5_str	BOBJ1	157.5	After	Interior Girder 2	157.5	0.95	1	1	22.815366
SU5_str	BOBJ1	157.5	After	Right Exterior Girder	157.5	0.95	1	1	29.274782
SU5_str	BOBJ1	168.2522	Before	Left Exterior Girder	168.2522	0.95	1	1	28.963286
SU5_str	BOBJ1	168.2522	Before	Interior Girder 1	168.2522	0.95	1	1	22.543064
SU5_str	BOBJ1	168.2522	Before	Interior Girder 2	168.2522	0.95	1	1	22.543063
SU5_str	BOBJ1	168.2522	Before	Right Exterior Girder	168.2522	0.95	1	1	28.963286
SU5_str	BOBJ1	168.2522	After	Left Exterior Girder	168.2522	0.95	1	1	39.149851
SU5_str	BOBJ1	168.2522	After	Interior Girder 1	168.2522	0.95	1	1	30.199645
SU5_str	BOBJ1	168.2522	After	Interior Girder 2	168.2522	0.95	1	1	30.199644
SU5_str	BOBJ1	168.2522	After	Right Exterior Girder	168.2522	0.95	1	1	39.14985
SU5_str	BOBJ1	168.75	Before	Left Exterior Girder	168.75	0.95	1	1	39.134238
SU5_str	BOBJ1	168.75	Before	Interior Girder 1	168.75	0.95	1	1	30.186565
SU5_str	BOBJ1	168.75	Before	Interior Girder 2	168.75	0.95	1	1	30.186564
SU5_str	BOBJ1	168.75	Before	Right Exterior Girder	168.75	0.95	1	1	39.134237
SU5_str	BOBJ1	168.75	After	Left Exterior Girder	168.75	0.95	1	1	42.691904
SU5_str	BOBJ1	168.75	After	Interior Girder 1	168.75	0.95	1	1	31.178032
SU5_str	BOBJ1	168.75	After	Interior Girder 2	168.75	0.95	1	1	31.17803
SU5_str	BOBJ1	168.75	After	Right Exterior Girder	168.75	0.95	1	1	42.691903
SU5_str	BOBJ1	180	Before	Left Exterior Girder	180	0.95	1	1	42.308619
SU5_str	BOBJ1	180	Before	Interior Girder 1	180	0.95	1	1	30.870248
SU5_str	BOBJ1	180	Before	Interior Girder 2	180	0.95	1	1	30.870246
SU5_str	BOBJ1	180	Before	Right Exterior Girder	180	0.95	1	1	42.308618
SU5_str	BOBJ1	180	After	Left Exterior Girder	180	0.95	1	1	39.511488
SU5_str	BOBJ1	180	After	Interior Girder 1	180	0.95	1	1	28.516818
SU5_str	BOBJ1	180	After	Interior Girder 2	180	0.95	1	1	28.516816
SU5_str	BOBJ1	180	After	Right Exterior Girder	180	0.95	1	1	39.51149
SU5_str	BOBJ1	183.1858	Before	Left Exterior Girder	183.1858	0.95	1	1	39.409658
SU5_str	BOBJ1	183.1858	Before	Interior Girder 1	183.1858	0.95	1	1	28.4361
SU5_str	BOBJ1	183.1858	Before	Interior Girder 2	183.1858	0.95	1	1	28.436098
SU5_str	BOBJ1	183.1858	Before	Right Exterior Girder	183.1858	0.95	1	1	39.40966
SU5_str	BOBJ1	183.1858	After	Left Exterior Girder	183.1858	0.95	1	1	62.97455
SU5_str	BOBJ1	183.1858	After	Interior Girder 1	183.1858	0.95	1	1	44.432805
SU5_str	BOBJ1	183.1858	After	Interior Girder 2	183.1858	0.95	1	1	44.432803
SU5_str	BOBJ1	183.1858	After	Right Exterior Girder	183.1858	0.95	1	1	62.974553
SU5_str	BOBJ1	191.25	Before	Left Exterior Girder	191.25	0.95	1	1	62.646695
SU5_str	BOBJ1	191.25	Before	Interior Girder 1	191.25	0.95	1	1	44.183262
SU5_str	BOBJ1	191.25	Before	Interior Girder 2	191.25	0.95	1	1	44.18326
SU5_str	BOBJ1	191.25	Before	Right Exterior Girder	191.25	0.95	1	1	62.646698
SU5_str	BOBJ1	191.25	After	Left Exterior Girder	191.25	0.95	1	1	60.99734
SU5_str	BOBJ1	191.25	After	Interior Girder 1	191.25	0.95	1	1	40.752875
SU5_str	BOBJ1	191.25	After	Interior Girder 2	191.25	0.95	1	1	40.752874
SU5_str	BOBJ1	191.25	After	Right Exterior Girder	191.25	0.95	1	1	60.997343
SU5_str	BOBJ1	199.9414	Before	Left Exterior Girder	199.9414	0.95	1	1	60.652638
SU5_str	BOBJ1	199.9414	Before	Interior Girder 1	199.9414	0.95	1	1	40.504386
SU5_str	BOBJ1	199.9414	Before	Interior Girder 2	199.9414	0.95	1	1	40.504384
SU5_str	BOBJ1	199.9414	Before	Right Exterior Girder	199.9414	0.95	1	1	60.65264
SU5_str	BOBJ1	199.9414	After	Left Exterior Girder	199.9414	0.95	1	1	77.410242
SU5_str	BOBJ1	199.9414	After	Interior Girder 1	199.9414	0.95	1	1	49.13339
SU5_str	BOBJ1	199.9414	After	Interior Girder 2	199.9414	0.95	1	1	49.133389
SU5_str	BOBJ1	199.9414	After	Right Exterior Girder	199.9414	0.95	1	1	77.410245
SU5_str	BOBJ1	202.5	Before	Left Exterior Girder	202.5	0.95	1	1	77.294481
SU5_str	BOBJ1	202.5	Before	Interior Girder 1	202.5	0.95	1	1	49.05505
SU5_str	BOBJ1	202.5	Before	Interior Girder 2	202.5	0.95	1	1	49.055049
SU5_str	BOBJ1	202.5	Before	Right Exterior Girder	202.5	0.95	1	1	77.294484

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Main Span Girders									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
SU5_str	BOBJ1	202.5	After	Left Exterior Girder	202.5	0.95	1	1	77.897097
SU5_str	BOBJ1	202.5	After	Interior Girder 1	202.5	0.95	1	1	49.519059
SU5_str	BOBJ1	202.5	After	Interior Girder 2	202.5	0.95	1	1	49.519058
SU5_str	BOBJ1	202.5	After	Right Exterior Girder	202.5	0.95	1	1	77.897099
SU5_str	BOBJ1	210.5642	Before	Left Exterior Girder	210.5642	0.95	1	1	77.529028
SU5_str	BOBJ1	210.5642	Before	Interior Girder 1	210.5642	0.95	1	1	49.269361
SU5_str	BOBJ1	210.5642	Before	Interior Girder 2	210.5642	0.95	1	1	49.26936
SU5_str	BOBJ1	210.5642	Before	Right Exterior Girder	210.5642	0.95	1	1	77.52903
SU5_str	BOBJ1	210.5642	After	Left Exterior Girder	210.5642	0.95	1	1	94.11131
SU5_str	BOBJ1	210.5642	After	Interior Girder 1	210.5642	0.95	1	1	57.336009
SU5_str	BOBJ1	210.5642	After	Interior Girder 2	210.5642	0.95	1	1	57.336008
SU5_str	BOBJ1	210.5642	After	Right Exterior Girder	210.5642	0.95	1	1	94.111312
SU5_str	BOBJ1	213.75	Before	Left Exterior Girder	213.75	0.95	1	1	93.947791
SU5_str	BOBJ1	213.75	Before	Interior Girder 1	213.75	0.95	1	1	57.230593
SU5_str	BOBJ1	213.75	Before	Interior Girder 2	213.75	0.95	1	1	57.230593
SU5_str	BOBJ1	213.75	Before	Right Exterior Girder	213.75	0.95	1	1	93.947794
SU5_str	BOBJ1	213.75	After	Left Exterior Girder	213.75	0.95	1	1	94.077238
SU5_str	BOBJ1	213.75	After	Interior Girder 1	213.75	0.95	1	1	55.807026
SU5_str	BOBJ1	213.75	After	Interior Girder 2	213.75	0.95	1	1	55.807026
SU5_str	BOBJ1	213.75	After	Right Exterior Girder	213.75	0.95	1	1	94.07724
SU5_str	BOBJ1	225	Before	Left Exterior Girder	225	0.95	1	1	93.498548
SU5_str	BOBJ1	225	Before	Interior Girder 1	225	0.95	1	1	55.443672
SU5_str	BOBJ1	225	Before	Interior Girder 2	225	0.95	1	1	55.443672
SU5_str	BOBJ1	225	Before	Right Exterior Girder	225	0.95	1	1	93.49855
SU5_str	BOBJ1	225	After	Left Exterior Girder	0	0.95	1	1	88.229712
SU5_str	BOBJ1	225	After	Interior Girder 1	0	0.95	1	1	52.249413
SU5_str	BOBJ1	225	After	Interior Girder 2	0	0.95	1	1	52.249413
SU5_str	BOBJ1	225	After	Right Exterior Girder	0	0.95	1	1	88.229711
SU5_str	BOBJ1	236.45	Before	Left Exterior Girder	11.45	0.95	1	1	90.3749
SU5_str	BOBJ1	236.45	Before	Interior Girder 1	11.45	0.95	1	1	55.630047
SU5_str	BOBJ1	236.45	Before	Interior Girder 2	11.45	0.95	1	1	55.630047
SU5_str	BOBJ1	236.45	Before	Right Exterior Girder	11.45	0.95	1	1	90.374899
SU5_str	BOBJ1	236.45	After	Left Exterior Girder	11.45	0.95	1	1	90.222309
SU5_str	BOBJ1	236.45	After	Interior Girder 1	11.45	0.95	1	1	56.333328
SU5_str	BOBJ1	236.45	After	Interior Girder 2	11.45	0.95	1	1	56.333328
SU5_str	BOBJ1	236.45	After	Right Exterior Girder	11.45	0.95	1	1	90.222308
SU5_str	BOBJ1	239.5082	Before	Left Exterior Girder	14.5082	0.95	1	1	90.374637
SU5_str	BOBJ1	239.5082	Before	Interior Girder 1	14.5082	0.95	1	1	56.433934
SU5_str	BOBJ1	239.5082	Before	Interior Girder 2	14.5082	0.95	1	1	56.433934
SU5_str	BOBJ1	239.5082	Before	Right Exterior Girder	14.5082	0.95	1	1	90.374636
SU5_str	BOBJ1	239.5082	After	Left Exterior Girder	14.5082	0.95	1	1	74.102997
SU5_str	BOBJ1	239.5082	After	Interior Girder 1	14.5082	0.95	1	1	48.464876
SU5_str	BOBJ1	239.5082	After	Interior Girder 2	14.5082	0.95	1	1	48.464876
SU5_str	BOBJ1	239.5082	After	Right Exterior Girder	14.5082	0.95	1	1	74.102996
SU5_str	BOBJ1	247.9	Before	Left Exterior Girder	22.9	0.95	1	1	74.47391
SU5_str	BOBJ1	247.9	Before	Interior Girder 1	22.9	0.95	1	1	48.723722
SU5_str	BOBJ1	247.9	Before	Interior Girder 2	22.9	0.95	1	1	48.723722
SU5_str	BOBJ1	247.9	Before	Right Exterior Girder	22.9	0.95	1	1	74.473909
SU5_str	BOBJ1	247.9	After	Left Exterior Girder	22.9	0.95	1	1	77.230394
SU5_str	BOBJ1	247.9	After	Interior Girder 1	22.9	0.95	1	1	52.069535
SU5_str	BOBJ1	247.9	After	Interior Girder 2	22.9	0.95	1	1	52.069536
SU5_str	BOBJ1	247.9	After	Right Exterior Girder	22.9	0.95	1	1	77.230393
SU5_str	BOBJ1	258.5189	Before	Left Exterior Girder	33.5189	0.95	1	1	77.716008
SU5_str	BOBJ1	258.5189	Before	Interior Girder 1	33.5189	0.95	1	1	52.418866
SU5_str	BOBJ1	258.5189	Before	Interior Girder 2	33.5189	0.95	1	1	52.418866
SU5_str	BOBJ1	258.5189	Before	Right Exterior Girder	33.5189	0.95	1	1	77.716006
SU5_str	BOBJ1	258.5189	After	Left Exterior Girder	33.5189	0.95	1	1	57.158244
SU5_str	BOBJ1	258.5189	After	Interior Girder 1	33.5189	0.95	1	1	41.330753
SU5_str	BOBJ1	258.5189	After	Interior Girder 2	33.5189	0.95	1	1	41.330754
SU5_str	BOBJ1	258.5189	After	Right Exterior Girder	33.5189	0.95	1	1	57.158243
SU5_str	BOBJ1	259.3	Before	Left Exterior Girder	34.3	0.95	1	1	57.187818
SU5_str	BOBJ1	259.3	Before	Interior Girder 1	34.3	0.95	1	1	41.353668
SU5_str	BOBJ1	259.3	Before	Interior Girder 2	34.3	0.95	1	1	41.353668
SU5_str	BOBJ1	259.3	Before	Right Exterior Girder	34.3	0.95	1	1	57.187817
SU5_str	BOBJ1	259.3	After	Left Exterior Girder	34.3	0.95	1	1	59.738135
SU5_str	BOBJ1	259.3	After	Interior Girder 1	34.3	0.95	1	1	42.395804
SU5_str	BOBJ1	259.3	After	Interior Girder 2	34.3	0.95	1	1	42.395804
SU5_str	BOBJ1	259.3	After	Right Exterior Girder	34.3	0.95	1	1	59.738134

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Main Span Girders									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
SU5_str	BOBJ1	266.1031	Before	Left Exterior Girder	41.1031	0.95	1	1	60.006069
SU5_str	BOBJ1	266.1031	Before	Interior Girder 1	41.1031	0.95	1	1	42.600915
SU5_str	BOBJ1	266.1031	Before	Interior Girder 2	41.1031	0.95	1	1	42.600915
SU5_str	BOBJ1	266.1031	Before	Right Exterior Girder	41.1031	0.95	1	1	60.006068
SU5_str	BOBJ1	266.1031	After	Left Exterior Girder	41.1031	0.95	1	1	37.641364
SU5_str	BOBJ1	266.1031	After	Interior Girder 1	41.1031	0.95	1	1	27.510897
SU5_str	BOBJ1	266.1031	After	Interior Girder 2	41.1031	0.95	1	1	27.510897
SU5_str	BOBJ1	266.1031	After	Right Exterior Girder	41.1031	0.95	1	1	37.641363
SU5_str	BOBJ1	270.7	Before	Left Exterior Girder	45.7	0.95	1	1	37.78538
SU5_str	BOBJ1	270.7	Before	Interior Girder 1	45.7	0.95	1	1	27.626581
SU5_str	BOBJ1	270.7	Before	Interior Girder 2	45.7	0.95	1	1	27.626581
SU5_str	BOBJ1	270.7	Before	Right Exterior Girder	45.7	0.95	1	1	37.785379
SU5_str	BOBJ1	270.7	After	Left Exterior Girder	45.7	0.95	1	1	38.141087
SU5_str	BOBJ1	270.7	After	Interior Girder 1	45.7	0.95	1	1	26.768467
SU5_str	BOBJ1	270.7	After	Interior Girder 2	45.7	0.95	1	1	26.768467
SU5_str	BOBJ1	270.7	After	Right Exterior Girder	45.7	0.95	1	1	38.141086
SU5_str	BOBJ1	273.6874	Before	Left Exterior Girder	48.6874	0.95	1	1	38.235381
SU5_str	BOBJ1	273.6874	Before	Interior Girder 1	48.6874	0.95	1	1	26.841085
SU5_str	BOBJ1	273.6874	Before	Interior Girder 2	48.6874	0.95	1	1	26.841085
SU5_str	BOBJ1	273.6874	Before	Right Exterior Girder	48.6874	0.95	1	1	38.23538
SU5_str	BOBJ1	273.6874	After	Left Exterior Girder	48.6874	0.95	1	1	25.242516
SU5_str	BOBJ1	273.6874	After	Interior Girder 1	48.6874	0.95	1	1	18.72878
SU5_str	BOBJ1	273.6874	After	Interior Girder 2	48.6874	0.95	1	1	18.728781
SU5_str	BOBJ1	273.6874	After	Right Exterior Girder	48.6874	0.95	1	1	25.242515
SU5_str	BOBJ1	282.15	Before	Left Exterior Girder	57.15	0.95	1	1	25.468361
SU5_str	BOBJ1	282.15	Before	Interior Girder 1	57.15	0.95	1	1	18.91674
SU5_str	BOBJ1	282.15	Before	Interior Girder 2	57.15	0.95	1	1	18.916741
SU5_str	BOBJ1	282.15	Before	Right Exterior Girder	57.15	0.95	1	1	25.46836
SU5_str	BOBJ1	282.15	After	Left Exterior Girder	57.15	0.95	1	1	25.900125
SU5_str	BOBJ1	282.15	After	Interior Girder 1	57.15	0.95	1	1	19.755701
SU5_str	BOBJ1	282.15	After	Interior Girder 2	57.15	0.95	1	1	19.755701
SU5_str	BOBJ1	282.15	After	Right Exterior Girder	57.15	0.95	1	1	25.900124
SU5_str	BOBJ1	293.6	Before	Left Exterior Girder	68.6	0.95	1	1	27.265097
SU5_str	BOBJ1	293.6	Before	Interior Girder 1	68.6	0.95	1	1	21.555981
SU5_str	BOBJ1	293.6	Before	Interior Girder 2	68.6	0.95	1	1	21.555982
SU5_str	BOBJ1	293.6	Before	Right Exterior Girder	68.6	0.95	1	1	27.265095
SU5_str	BOBJ1	293.6	After	Left Exterior Girder	68.6	0.95	1	1	27.966676
SU5_str	BOBJ1	293.6	After	Interior Girder 1	68.6	0.95	1	1	20.372533
SU5_str	BOBJ1	293.6	After	Interior Girder 2	68.6	0.95	1	1	20.372533
SU5_str	BOBJ1	293.6	After	Right Exterior Girder	68.6	0.95	1	1	27.966678
SU5_str	BOBJ1	305	Before	Left Exterior Girder	80	0.95	1	1	29.485295
SU5_str	BOBJ1	305	Before	Interior Girder 1	80	0.95	1	1	22.044409
SU5_str	BOBJ1	305	Before	Interior Girder 2	80	0.95	1	1	22.044409
SU5_str	BOBJ1	305	Before	Right Exterior Girder	80	0.95	1	1	29.485298
SU5_str	BOBJ1	305	After	Left Exterior Girder	80	0.95	1	1	28.848911
SU5_str	BOBJ1	305	After	Interior Girder 1	80	0.95	1	1	22.028819
SU5_str	BOBJ1	305	After	Interior Girder 2	80	0.95	1	1	22.028819
SU5_str	BOBJ1	305	After	Right Exterior Girder	80	0.95	1	1	28.848914
SU5_str	BOBJ1	306.9561	Before	Left Exterior Girder	81.9561	0.95	1	1	28.905859
SU5_str	BOBJ1	306.9561	Before	Interior Girder 1	81.9561	0.95	1	1	22.077238
SU5_str	BOBJ1	306.9561	Before	Interior Girder 2	81.9561	0.95	1	1	22.077238
SU5_str	BOBJ1	306.9561	Before	Right Exterior Girder	81.9561	0.95	1	1	28.905861
SU5_str	BOBJ1	306.9561	After	Left Exterior Girder	81.9561	0.95	1	1	53.003718
SU5_str	BOBJ1	306.9561	After	Interior Girder 1	81.9561	0.95	1	1	41.385387
SU5_str	BOBJ1	306.9561	After	Interior Girder 2	81.9561	0.95	1	1	41.385387
SU5_str	BOBJ1	306.9561	After	Right Exterior Girder	81.9561	0.95	1	1	53.003723
SU5_str	BOBJ1	316.4	Before	Left Exterior Girder	91.4	0.95	1	1	53.384933
SU5_str	BOBJ1	316.4	Before	Interior Girder 1	91.4	0.95	1	1	41.711607
SU5_str	BOBJ1	316.4	Before	Interior Girder 2	91.4	0.95	1	1	41.711607
SU5_str	BOBJ1	316.4	Before	Right Exterior Girder	91.4	0.95	1	1	53.384937
SU5_str	BOBJ1	316.4	After	Left Exterior Girder	91.4	0.95	1	1	55.036655
SU5_str	BOBJ1	316.4	After	Interior Girder 1	91.4	0.95	1	1	38.519745
SU5_str	BOBJ1	316.4	After	Interior Girder 2	91.4	0.95	1	1	38.519745
SU5_str	BOBJ1	316.4	After	Right Exterior Girder	91.4	0.95	1	1	55.036657
SU5_str	BOBJ1	327.85	Before	Left Exterior Girder	102.9679	0.95	1	1	58.211441
SU5_str	BOBJ1	327.85	Before	Interior Girder 1	102.9679	0.95	1	1	41.895424
SU5_str	BOBJ1	327.85	Before	Interior Girder 2	102.9679	0.95	1	1	41.895425
SU5_str	BOBJ1	327.85	Before	Right Exterior Girder	102.9679	0.95	1	1	58.211443

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Main Span Girders									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
SU5_str	BOBJ1	327.85	After	Left Exterior Girder	102.9679	0.95	1	1	90.957252
SU5_str	BOBJ1	327.85	After	Interior Girder 1	102.9679	0.95	1	1	65.870366
SU5_str	BOBJ1	327.85	After	Interior Girder 2	102.9679	0.95	1	1	65.870368
SU5_str	BOBJ1	327.85	After	Right Exterior Girder	102.9679	0.95	1	1	90.957254
SU5_str	BOBJ1	339.3	Before	Left Exterior Girder	114.3	0.95	1	1	95.968548
SU5_str	BOBJ1	339.3	Before	Interior Girder 1	114.3	0.95	1	1	71.298924
SU5_str	BOBJ1	339.3	Before	Interior Girder 2	114.3	0.95	1	1	71.298926
SU5_str	BOBJ1	339.3	Before	Right Exterior Girder	114.3	0.95	1	1	95.96855
SU5_str	BOBJ1	339.3	After	Left Exterior Girder	114.3	0.95	1	1	99.561876
SU5_str	BOBJ1	339.3	After	Interior Girder 1	114.3	0.95	1	1	65.162021
SU5_str	BOBJ1	339.3	After	Interior Girder 2	114.3	0.95	1	1	65.162019
SU5_str	BOBJ1	339.3	After	Right Exterior Girder	114.3	0.95	1	1	99.561873
SU5_str	BOBJ1	350.7	Before	Left Exterior Girder	125.7	0.95	1	1	105.55899
SU5_str	BOBJ1	350.7	Before	Interior Girder 1	125.7	0.95	1	1	70.891524
SU5_str	BOBJ1	350.7	Before	Interior Girder 2	125.7	0.95	1	1	70.891522
SU5_str	BOBJ1	350.7	Before	Right Exterior Girder	125.7	0.95	1	1	105.558987
SU5_str	BOBJ1	350.7	After	Left Exterior Girder	125.7	0.95	1	1	108.46552
SU5_str	BOBJ1	350.7	After	Interior Girder 1	125.7	0.95	1	1	72.834301
SU5_str	BOBJ1	350.7	After	Interior Girder 2	125.7	0.95	1	1	72.834299
SU5_str	BOBJ1	350.7	After	Right Exterior Girder	125.7	0.95	1	1	108.465519
SU5_str	BOBJ1	362.1	Before	Left Exterior Girder	137.1	0.95	1	1	115.233908
SU5_str	BOBJ1	362.1	Before	Interior Girder 1	137.1	0.95	1	1	79.178077
SU5_str	BOBJ1	362.1	Before	Interior Girder 2	137.1	0.95	1	1	79.178076
SU5_str	BOBJ1	362.1	Before	Right Exterior Girder	137.1	0.95	1	1	115.233908
SU5_str	BOBJ1	362.1	After	Left Exterior Girder	137.1	0.95	1	1	120.671134
SU5_str	BOBJ1	362.1	After	Interior Girder 1	137.1	0.95	1	1	71.529153
SU5_str	BOBJ1	362.1	After	Interior Girder 2	137.1	0.95	1	1	71.529154
SU5_str	BOBJ1	362.1	After	Right Exterior Girder	137.1	0.95	1	1	120.671125
SU5_str	BOBJ1	373.55	Before	Left Exterior Girder	148.55	0.95	1	1	129.092381
SU5_str	BOBJ1	373.55	Before	Interior Girder 1	148.55	0.95	1	1	78.11558
SU5_str	BOBJ1	373.55	Before	Interior Girder 2	148.55	0.95	1	1	78.11558
SU5_str	BOBJ1	373.55	Before	Right Exterior Girder	148.55	0.95	1	1	129.09237
SU5_str	BOBJ1	373.55	After	Left Exterior Girder	148.55	0.95	1	1	133.575816
SU5_str	BOBJ1	373.55	After	Interior Girder 1	148.55	0.95	1	1	80.33383
SU5_str	BOBJ1	373.55	After	Interior Girder 2	148.55	0.95	1	1	80.333831
SU5_str	BOBJ1	373.55	After	Right Exterior Girder	148.55	0.95	1	1	133.575804
SU5_str	BOBJ1	385	Before	Left Exterior Girder	160	0.95	1	1	143.511184
SU5_str	BOBJ1	385	Before	Interior Girder 1	160	0.95	1	1	78.509582
SU5_str	BOBJ1	385	Before	Interior Girder 2	160	0.95	1	1	78.50958
SU5_str	BOBJ1	385	Before	Right Exterior Girder	160	0.95	1	1	143.511167
SU5_str	BOBJ1	385	After	Left Exterior Girder	160	0.95	1	1	143.511168
SU5_str	BOBJ1	385	After	Interior Girder 1	160	0.95	1	1	78.509575
SU5_str	BOBJ1	385	After	Interior Girder 2	160	0.95	1	1	78.509578
SU5_str	BOBJ1	385	After	Right Exterior Girder	160	0.95	1	1	143.511185
SU5_str	BOBJ1	396.45	Before	Left Exterior Girder	171.45	0.95	1	1	133.575803
SU5_str	BOBJ1	396.45	Before	Interior Girder 1	171.45	0.95	1	1	80.333834
SU5_str	BOBJ1	396.45	Before	Interior Girder 2	171.45	0.95	1	1	80.333833
SU5_str	BOBJ1	396.45	Before	Right Exterior Girder	171.45	0.95	1	1	133.575816
SU5_str	BOBJ1	396.45	After	Left Exterior Girder	171.45	0.95	1	1	129.092365
SU5_str	BOBJ1	396.45	After	Interior Girder 1	171.45	0.95	1	1	78.115583
SU5_str	BOBJ1	396.45	After	Interior Girder 2	171.45	0.95	1	1	78.115582
SU5_str	BOBJ1	396.45	After	Right Exterior Girder	171.45	0.95	1	1	129.092378
SU5_str	BOBJ1	407.9	Before	Left Exterior Girder	182.9	0.95	1	1	120.671122
SU5_str	BOBJ1	407.9	Before	Interior Girder 1	182.9	0.95	1	1	71.529158
SU5_str	BOBJ1	407.9	Before	Interior Girder 2	182.9	0.95	1	1	71.529155
SU5_str	BOBJ1	407.9	Before	Right Exterior Girder	182.9	0.95	1	1	120.671132
SU5_str	BOBJ1	407.9	After	Left Exterior Girder	182.9	0.95	1	1	115.233898
SU5_str	BOBJ1	407.9	After	Interior Girder 1	182.9	0.95	1	1	79.178083
SU5_str	BOBJ1	407.9	After	Interior Girder 2	182.9	0.95	1	1	79.17808
SU5_str	BOBJ1	407.9	After	Right Exterior Girder	182.9	0.95	1	1	115.233901
SU5_str	BOBJ1	419.3	Before	Left Exterior Girder	194.3	0.95	1	1	108.465511
SU5_str	BOBJ1	419.3	Before	Interior Girder 1	194.3	0.95	1	1	72.834303
SU5_str	BOBJ1	419.3	Before	Interior Girder 2	194.3	0.95	1	1	72.834302
SU5_str	BOBJ1	419.3	Before	Right Exterior Girder	194.3	0.95	1	1	108.465516
SU5_str	BOBJ1	419.3	After	Left Exterior Girder	194.3	0.95	1	1	105.558979
SU5_str	BOBJ1	419.3	After	Interior Girder 1	194.3	0.95	1	1	70.891526
SU5_str	BOBJ1	419.3	After	Interior Girder 2	194.3	0.95	1	1	70.891525
SU5_str	BOBJ1	419.3	After	Right Exterior Girder	194.3	0.95	1	1	105.558985

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Main Span Girders									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
SU5_str	BOBJ1	430.7	Before	Left Exterior Girder	205.7	0.95	1	1	99.561867
SU5_str	BOBJ1	430.7	Before	Interior Girder 1	205.7	0.95	1	1	65.162025
SU5_str	BOBJ1	430.7	Before	Interior Girder 2	205.7	0.95	1	1	65.162022
SU5_str	BOBJ1	430.7	Before	Right Exterior Girder	205.7	0.95	1	1	99.561872
SU5_str	BOBJ1	430.7	After	Left Exterior Girder	205.7	0.95	1	1	95.968547
SU5_str	BOBJ1	430.7	After	Interior Girder 1	205.7	0.95	1	1	71.298926
SU5_str	BOBJ1	430.7	After	Interior Girder 2	205.7	0.95	1	1	71.298923
SU5_str	BOBJ1	430.7	After	Right Exterior Girder	205.7	0.95	1	1	95.968556
SU5_str	BOBJ1	442.15	Before	Left Exterior Girder	217.0321	0.95	1	1	90.957253
SU5_str	BOBJ1	442.15	Before	Interior Girder 1	217.0321	0.95	1	1	65.870367
SU5_str	BOBJ1	442.15	Before	Interior Girder 2	217.0321	0.95	1	1	65.870365
SU5_str	BOBJ1	442.15	Before	Right Exterior Girder	217.0321	0.95	1	1	90.957259
SU5_str	BOBJ1	442.15	After	Left Exterior Girder	217.0321	0.95	1	1	58.211442
SU5_str	BOBJ1	442.15	After	Interior Girder 1	217.0321	0.95	1	1	41.895425
SU5_str	BOBJ1	442.15	After	Interior Girder 2	217.0321	0.95	1	1	41.895424
SU5_str	BOBJ1	442.15	After	Right Exterior Girder	217.0321	0.95	1	1	58.211446
SU5_str	BOBJ1	453.6	Before	Left Exterior Girder	228.6	0.95	1	1	55.036656
SU5_str	BOBJ1	453.6	Before	Interior Girder 1	228.6	0.95	1	1	38.519746
SU5_str	BOBJ1	453.6	Before	Interior Girder 2	228.6	0.95	1	1	38.519745
SU5_str	BOBJ1	453.6	Before	Right Exterior Girder	228.6	0.95	1	1	55.036659
SU5_str	BOBJ1	453.6	After	Left Exterior Girder	228.6	0.95	1	1	53.384935
SU5_str	BOBJ1	453.6	After	Interior Girder 1	228.6	0.95	1	1	41.711607
SU5_str	BOBJ1	453.6	After	Interior Girder 2	228.6	0.95	1	1	41.711606
SU5_str	BOBJ1	453.6	After	Right Exterior Girder	228.6	0.95	1	1	53.384934
SU5_str	BOBJ1	463.0439	Before	Left Exterior Girder	238.0439	0.95	1	1	53.00372
SU5_str	BOBJ1	463.0439	Before	Interior Girder 1	238.0439	0.95	1	1	41.385387
SU5_str	BOBJ1	463.0439	Before	Interior Girder 2	238.0439	0.95	1	1	41.385386
SU5_str	BOBJ1	463.0439	Before	Right Exterior Girder	238.0439	0.95	1	1	53.003719
SU5_str	BOBJ1	463.0439	After	Left Exterior Girder	238.0439	0.95	1	1	28.90586
SU5_str	BOBJ1	463.0439	After	Interior Girder 1	238.0439	0.95	1	1	22.077238
SU5_str	BOBJ1	463.0439	After	Interior Girder 2	238.0439	0.95	1	1	22.077237
SU5_str	BOBJ1	463.0439	After	Right Exterior Girder	238.0439	0.95	1	1	28.905859
SU5_str	BOBJ1	465	Before	Left Exterior Girder	240	0.95	1	1	28.848912
SU5_str	BOBJ1	465	Before	Interior Girder 1	240	0.95	1	1	22.028819
SU5_str	BOBJ1	465	Before	Interior Girder 2	240	0.95	1	1	22.028818
SU5_str	BOBJ1	465	Before	Right Exterior Girder	240	0.95	1	1	28.848912
SU5_str	BOBJ1	465	After	Left Exterior Girder	240	0.95	1	1	29.485296
SU5_str	BOBJ1	465	After	Interior Girder 1	240	0.95	1	1	22.044409
SU5_str	BOBJ1	465	After	Interior Girder 2	240	0.95	1	1	22.044408
SU5_str	BOBJ1	465	After	Right Exterior Girder	240	0.95	1	1	29.485296
SU5_str	BOBJ1	476.4	Before	Left Exterior Girder	251.4	0.95	1	1	27.966677
SU5_str	BOBJ1	476.4	Before	Interior Girder 1	251.4	0.95	1	1	20.372533
SU5_str	BOBJ1	476.4	Before	Interior Girder 2	251.4	0.95	1	1	20.372532
SU5_str	BOBJ1	476.4	Before	Right Exterior Girder	251.4	0.95	1	1	27.966676
SU5_str	BOBJ1	476.4	After	Left Exterior Girder	251.4	0.95	1	1	27.265095
SU5_str	BOBJ1	476.4	After	Interior Girder 1	251.4	0.95	1	1	21.555982
SU5_str	BOBJ1	476.4	After	Interior Girder 2	251.4	0.95	1	1	21.555984
SU5_str	BOBJ1	476.4	After	Right Exterior Girder	251.4	0.95	1	1	27.265095
SU5_str	BOBJ1	487.85	Before	Left Exterior Girder	262.85	0.95	1	1	25.900123
SU5_str	BOBJ1	487.85	Before	Interior Girder 1	262.85	0.95	1	1	19.755701
SU5_str	BOBJ1	487.85	Before	Interior Girder 2	262.85	0.95	1	1	19.755702
SU5_str	BOBJ1	487.85	Before	Right Exterior Girder	262.85	0.95	1	1	25.900123
SU5_str	BOBJ1	487.85	After	Left Exterior Girder	262.85	0.95	1	1	25.468359
SU5_str	BOBJ1	487.85	After	Interior Girder 1	262.85	0.95	1	1	18.91674
SU5_str	BOBJ1	487.85	After	Interior Girder 2	262.85	0.95	1	1	18.916742
SU5_str	BOBJ1	487.85	After	Right Exterior Girder	262.85	0.95	1	1	25.468359
SU5_str	BOBJ1	496.3126	Before	Left Exterior Girder	271.3126	0.95	1	1	25.242515
SU5_str	BOBJ1	496.3126	Before	Interior Girder 1	271.3126	0.95	1	1	18.72878
SU5_str	BOBJ1	496.3126	Before	Interior Girder 2	271.3126	0.95	1	1	18.728782
SU5_str	BOBJ1	496.3126	Before	Right Exterior Girder	271.3126	0.95	1	1	25.242515
SU5_str	BOBJ1	496.3126	After	Left Exterior Girder	271.3126	0.95	1	1	38.235379
SU5_str	BOBJ1	496.3126	After	Interior Girder 1	271.3126	0.95	1	1	26.841085
SU5_str	BOBJ1	496.3126	After	Interior Girder 2	271.3126	0.95	1	1	26.841086
SU5_str	BOBJ1	496.3126	After	Right Exterior Girder	271.3126	0.95	1	1	38.235378
SU5_str	BOBJ1	499.3	Before	Left Exterior Girder	274.3	0.95	1	1	38.141085
SU5_str	BOBJ1	499.3	Before	Interior Girder 1	274.3	0.95	1	1	26.768467
SU5_str	BOBJ1	499.3	Before	Interior Girder 2	274.3	0.95	1	1	26.768469
SU5_str	BOBJ1	499.3	Before	Right Exterior Girder	274.3	0.95	1	1	38.141085

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Main Span Girders									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
SU5_str	BOBJ1	499.3	After	Left Exterior Girder	274.3	0.95	1	1	37.785379
SU5_str	BOBJ1	499.3	After	Interior Girder 1	274.3	0.95	1	1	27.626581
SU5_str	BOBJ1	499.3	After	Interior Girder 2	274.3	0.95	1	1	27.626583
SU5_str	BOBJ1	499.3	After	Right Exterior Girder	274.3	0.95	1	1	37.785377
SU5_str	BOBJ1	503.8969	Before	Left Exterior Girder	278.8969	0.95	1	1	37.641364
SU5_str	BOBJ1	503.8969	Before	Interior Girder 1	278.8969	0.95	1	1	27.510897
SU5_str	BOBJ1	503.8969	Before	Interior Girder 2	278.8969	0.95	1	1	27.510899
SU5_str	BOBJ1	503.8969	Before	Right Exterior Girder	278.8969	0.95	1	1	37.641361
SU5_str	BOBJ1	503.8969	After	Left Exterior Girder	278.8969	0.95	1	1	60.006068
SU5_str	BOBJ1	503.8969	After	Interior Girder 1	278.8969	0.95	1	1	42.600915
SU5_str	BOBJ1	503.8969	After	Interior Girder 2	278.8969	0.95	1	1	42.600917
SU5_str	BOBJ1	503.8969	After	Right Exterior Girder	278.8969	0.95	1	1	60.006065
SU5_str	BOBJ1	510.7	Before	Left Exterior Girder	285.7	0.95	1	1	59.738135
SU5_str	BOBJ1	510.7	Before	Interior Girder 1	285.7	0.95	1	1	42.395804
SU5_str	BOBJ1	510.7	Before	Interior Girder 2	285.7	0.95	1	1	42.395806
SU5_str	BOBJ1	510.7	Before	Right Exterior Girder	285.7	0.95	1	1	59.738132
SU5_str	BOBJ1	510.7	After	Left Exterior Girder	285.7	0.95	1	1	55.447759
SU5_str	BOBJ1	510.7	After	Interior Girder 1	285.7	0.95	1	1	38.675404
SU5_str	BOBJ1	510.7	After	Interior Girder 2	285.7	0.95	1	1	38.675406
SU5_str	BOBJ1	510.7	After	Right Exterior Girder	285.7	0.95	1	1	55.447756
SU5_str	BOBJ1	511.4811	Before	Left Exterior Girder	286.4811	0.95	1	1	55.419084
SU5_str	BOBJ1	511.4811	Before	Interior Girder 1	286.4811	0.95	1	1	38.653974
SU5_str	BOBJ1	511.4811	Before	Interior Girder 2	286.4811	0.95	1	1	38.653975
SU5_str	BOBJ1	511.4811	Before	Right Exterior Girder	286.4811	0.95	1	1	55.419082
SU5_str	BOBJ1	511.4811	After	Left Exterior Girder	286.4811	0.95	1	1	77.914773
SU5_str	BOBJ1	511.4811	After	Interior Girder 1	286.4811	0.95	1	1	52.736646
SU5_str	BOBJ1	511.4811	After	Interior Girder 2	286.4811	0.95	1	1	52.736648
SU5_str	BOBJ1	511.4811	After	Right Exterior Girder	286.4811	0.95	1	1	77.91477
SU5_str	BOBJ1	522.1	Before	Left Exterior Girder	297.1	0.95	1	1	77.427918
SU5_str	BOBJ1	522.1	Before	Interior Girder 1	297.1	0.95	1	1	52.385198
SU5_str	BOBJ1	522.1	Before	Interior Girder 2	297.1	0.95	1	1	52.3852
SU5_str	BOBJ1	522.1	Before	Right Exterior Girder	297.1	0.95	1	1	77.427914
SU5_str	BOBJ1	522.1	After	Left Exterior Girder	297.1	0.95	1	1	74.469761
SU5_str	BOBJ1	522.1	After	Interior Girder 1	297.1	0.95	1	1	48.714612
SU5_str	BOBJ1	522.1	After	Interior Girder 2	297.1	0.95	1	1	48.714612
SU5_str	BOBJ1	522.1	After	Right Exterior Girder	297.1	0.95	1	1	74.46976
SU5_str	BOBJ1	530.4918	Before	Left Exterior Girder	305.4918	0.95	1	1	74.098868
SU5_str	BOBJ1	530.4918	Before	Interior Girder 1	305.4918	0.95	1	1	48.455813
SU5_str	BOBJ1	530.4918	Before	Interior Girder 2	305.4918	0.95	1	1	48.455813
SU5_str	BOBJ1	530.4918	Before	Right Exterior Girder	305.4918	0.95	1	1	74.098867
SU5_str	BOBJ1	530.4918	After	Left Exterior Girder	305.4918	0.95	1	1	90.372739
SU5_str	BOBJ1	530.4918	After	Interior Girder 1	305.4918	0.95	1	1	56.423988
SU5_str	BOBJ1	530.4918	After	Interior Girder 2	305.4918	0.95	1	1	56.423988
SU5_str	BOBJ1	530.4918	After	Right Exterior Girder	305.4918	0.95	1	1	90.372738
SU5_str	BOBJ1	533.55	Before	Left Exterior Girder	308.55	0.95	1	1	90.220414
SU5_str	BOBJ1	533.55	Before	Interior Girder 1	308.55	0.95	1	1	56.3234
SU5_str	BOBJ1	533.55	Before	Interior Girder 2	308.55	0.95	1	1	56.323399
SU5_str	BOBJ1	533.55	Before	Right Exterior Girder	308.55	0.95	1	1	90.220413
SU5_str	BOBJ1	533.55	After	Left Exterior Girder	308.55	0.95	1	1	90.369252
SU5_str	BOBJ1	533.55	After	Interior Girder 1	308.55	0.95	1	1	55.631812
SU5_str	BOBJ1	533.55	After	Interior Girder 2	308.55	0.95	1	1	55.631812
SU5_str	BOBJ1	533.55	After	Right Exterior Girder	308.55	0.95	1	1	90.369251
SU5_str	BOBJ1	545	Before	Left Exterior Girder	320	0.95	1	1	88.22971
SU5_str	BOBJ1	545	Before	Interior Girder 1	320	0.95	1	1	52.249374
SU5_str	BOBJ1	545	Before	Interior Girder 2	320	0.95	1	1	52.249373
SU5_str	BOBJ1	545	Before	Right Exterior Girder	320	0.95	1	1	88.229709
SU5_str	BOBJ1	545	After	Left Exterior Girder	0	0.95	1	1	93.498549
SU5_str	BOBJ1	545	After	Interior Girder 1	0	0.95	1	1	55.443671
SU5_str	BOBJ1	545	After	Interior Girder 2	0	0.95	1	1	55.443672
SU5_str	BOBJ1	545	After	Right Exterior Girder	0	0.95	1	1	93.498548
SU5_str	BOBJ1	556.25	Before	Left Exterior Girder	11.25	0.95	1	1	94.077239
SU5_str	BOBJ1	556.25	Before	Interior Girder 1	11.25	0.95	1	1	55.807025
SU5_str	BOBJ1	556.25	Before	Interior Girder 2	11.25	0.95	1	1	55.807025
SU5_str	BOBJ1	556.25	Before	Right Exterior Girder	11.25	0.95	1	1	94.077238
SU5_str	BOBJ1	556.25	After	Left Exterior Girder	11.25	0.95	1	1	93.947792
SU5_str	BOBJ1	556.25	After	Interior Girder 1	11.25	0.95	1	1	57.230592
SU5_str	BOBJ1	556.25	After	Interior Girder 2	11.25	0.95	1	1	57.230592
SU5_str	BOBJ1	556.25	After	Right Exterior Girder	11.25	0.95	1	1	93.947791

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Main Span Girders									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
SU5_str	BOBJ1	559.4358	Before	Left Exterior Girder	14.4358	0.95	1	1	94.111311
SU5_str	BOBJ1	559.4358	Before	Interior Girder 1	14.4358	0.95	1	1	57.336008
SU5_str	BOBJ1	559.4358	Before	Interior Girder 2	14.4358	0.95	1	1	57.336008
SU5_str	BOBJ1	559.4358	Before	Right Exterior Girder	14.4358	0.95	1	1	94.11131
SU5_str	BOBJ1	559.4358	After	Left Exterior Girder	14.4358	0.95	1	1	77.529029
SU5_str	BOBJ1	559.4358	After	Interior Girder 1	14.4358	0.95	1	1	49.269359
SU5_str	BOBJ1	559.4358	After	Interior Girder 2	14.4358	0.95	1	1	49.26936
SU5_str	BOBJ1	559.4358	After	Right Exterior Girder	14.4358	0.95	1	1	77.529028
SU5_str	BOBJ1	567.5	Before	Left Exterior Girder	22.5	0.95	1	1	77.897098
SU5_str	BOBJ1	567.5	Before	Interior Girder 1	22.5	0.95	1	1	49.519058
SU5_str	BOBJ1	567.5	Before	Interior Girder 2	22.5	0.95	1	1	49.519058
SU5_str	BOBJ1	567.5	Before	Right Exterior Girder	22.5	0.95	1	1	77.897097
SU5_str	BOBJ1	567.5	After	Left Exterior Girder	22.5	0.95	1	1	77.294145
SU5_str	BOBJ1	567.5	After	Interior Girder 1	22.5	0.95	1	1	49.055126
SU5_str	BOBJ1	567.5	After	Interior Girder 2	22.5	0.95	1	1	49.055126
SU5_str	BOBJ1	567.5	After	Right Exterior Girder	22.5	0.95	1	1	77.294145
SU5_str	BOBJ1	570.0586	Before	Left Exterior Girder	25.0586	0.95	1	1	77.409905
SU5_str	BOBJ1	570.0586	Before	Interior Girder 1	25.0586	0.95	1	1	49.133465
SU5_str	BOBJ1	570.0586	Before	Interior Girder 2	25.0586	0.95	1	1	49.133465
SU5_str	BOBJ1	570.0586	Before	Right Exterior Girder	25.0586	0.95	1	1	77.409905
SU5_str	BOBJ1	570.0586	After	Left Exterior Girder	25.0586	0.95	1	1	60.655431
SU5_str	BOBJ1	570.0586	After	Interior Girder 1	25.0586	0.95	1	1	40.505176
SU5_str	BOBJ1	570.0586	After	Interior Girder 2	25.0586	0.95	1	1	40.505176
SU5_str	BOBJ1	570.0586	After	Right Exterior Girder	25.0586	0.95	1	1	60.655431
SU5_str	BOBJ1	578.75	Before	Left Exterior Girder	33.75	0.95	1	1	61.00015
SU5_str	BOBJ1	578.75	Before	Interior Girder 1	33.75	0.95	1	1	40.75367
SU5_str	BOBJ1	578.75	Before	Interior Girder 2	33.75	0.95	1	1	40.753671
SU5_str	BOBJ1	578.75	Before	Right Exterior Girder	33.75	0.95	1	1	61.000149
SU5_str	BOBJ1	578.75	After	Left Exterior Girder	33.75	0.95	1	1	62.648222
SU5_str	BOBJ1	578.75	After	Interior Girder 1	33.75	0.95	1	1	44.181812
SU5_str	BOBJ1	578.75	After	Interior Girder 2	33.75	0.95	1	1	44.181812
SU5_str	BOBJ1	578.75	After	Right Exterior Girder	33.75	0.95	1	1	62.648222
SU5_str	BOBJ1	586.8142	Before	Left Exterior Girder	41.8142	0.95	1	1	62.976086
SU5_str	BOBJ1	586.8142	Before	Interior Girder 1	41.8142	0.95	1	1	44.431347
SU5_str	BOBJ1	586.8142	Before	Interior Girder 2	41.8142	0.95	1	1	44.431347
SU5_str	BOBJ1	586.8142	Before	Right Exterior Girder	41.8142	0.95	1	1	62.976085
SU5_str	BOBJ1	586.8142	After	Left Exterior Girder	41.8142	0.95	1	1	39.412591
SU5_str	BOBJ1	586.8142	After	Interior Girder 1	41.8142	0.95	1	1	28.443416
SU5_str	BOBJ1	586.8142	After	Interior Girder 2	41.8142	0.95	1	1	28.443416
SU5_str	BOBJ1	586.8142	After	Right Exterior Girder	41.8142	0.95	1	1	39.41259
SU5_str	BOBJ1	590	Before	Left Exterior Girder	45	0.95	1	1	39.514428
SU5_str	BOBJ1	590	Before	Interior Girder 1	45	0.95	1	1	28.524154
SU5_str	BOBJ1	590	Before	Interior Girder 2	45	0.95	1	1	28.524155
SU5_str	BOBJ1	590	Before	Right Exterior Girder	45	0.95	1	1	39.514428
SU5_str	BOBJ1	590	After	Left Exterior Girder	45	0.95	1	1	42.206556
SU5_str	BOBJ1	590	After	Interior Girder 1	45	0.95	1	1	30.696307
SU5_str	BOBJ1	590	After	Interior Girder 2	45	0.95	1	1	30.696307
SU5_str	BOBJ1	590	After	Right Exterior Girder	45	0.95	1	1	42.206556
SU5_str	BOBJ1	601.25	Before	Left Exterior Girder	56.25	0.95	1	1	42.588917
SU5_str	BOBJ1	601.25	Before	Interior Girder 1	56.25	0.95	1	1	31.002356
SU5_str	BOBJ1	601.25	Before	Interior Girder 2	56.25	0.95	1	1	31.002356
SU5_str	BOBJ1	601.25	Before	Right Exterior Girder	56.25	0.95	1	1	42.588916
SU5_str	BOBJ1	601.25	After	Left Exterior Girder	56.25	0.95	1	1	40.33461
SU5_str	BOBJ1	601.25	After	Interior Girder 1	56.25	0.95	1	1	32.36398
SU5_str	BOBJ1	601.25	After	Interior Girder 2	56.25	0.95	1	1	32.36398
SU5_str	BOBJ1	601.25	After	Right Exterior Girder	56.25	0.95	1	1	40.33461
SU5_str	BOBJ1	601.7478	Before	Left Exterior Girder	56.7478	0.95	1	1	40.350702
SU5_str	BOBJ1	601.7478	Before	Interior Girder 1	56.7478	0.95	1	1	32.378003
SU5_str	BOBJ1	601.7478	Before	Interior Girder 2	56.7478	0.95	1	1	32.378003
SU5_str	BOBJ1	601.7478	Before	Right Exterior Girder	56.7478	0.95	1	1	40.350702
SU5_str	BOBJ1	601.7478	After	Left Exterior Girder	56.7478	0.95	1	1	28.963286
SU5_str	BOBJ1	601.7478	After	Interior Girder 1	56.7478	0.95	1	1	22.543063
SU5_str	BOBJ1	601.7478	After	Interior Girder 2	56.7478	0.95	1	1	22.543063
SU5_str	BOBJ1	601.7478	After	Right Exterior Girder	56.7478	0.95	1	1	28.963286
SU5_str	BOBJ1	612.5	Before	Left Exterior Girder	67.5	0.95	1	1	29.274782
SU5_str	BOBJ1	612.5	Before	Interior Girder 1	67.5	0.95	1	1	22.815366
SU5_str	BOBJ1	612.5	Before	Interior Girder 2	67.5	0.95	1	1	22.815366
SU5_str	BOBJ1	612.5	Before	Right Exterior Girder	67.5	0.95	1	1	29.274782

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Main Span Girders									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
SU5_str	BOBJ1	612.5	After	Left Exterior Girder	67.5	0.95	1	1	31.584003
SU5_str	BOBJ1	612.5	After	Interior Girder 1	67.5	0.95	1	1	23.382284
SU5_str	BOBJ1	612.5	After	Interior Girder 2	67.5	0.95	1	1	23.382283
SU5_str	BOBJ1	612.5	After	Right Exterior Girder	67.5	0.95	1	1	31.584003
SU5_str	BOBJ1	623.75	Before	Left Exterior Girder	78.75	0.95	1	1	31.932899
SU5_str	BOBJ1	623.75	Before	Interior Girder 1	78.75	0.95	1	1	23.672386
SU5_str	BOBJ1	623.75	Before	Interior Girder 2	78.75	0.95	1	1	23.672386
SU5_str	BOBJ1	623.75	Before	Right Exterior Girder	78.75	0.95	1	1	31.932899
SU5_str	BOBJ1	623.75	After	Left Exterior Girder	78.75	0.95	1	1	34.379317
SU5_str	BOBJ1	623.75	After	Interior Girder 1	78.75	0.95	1	1	26.650695
SU5_str	BOBJ1	623.75	After	Interior Girder 2	78.75	0.95	1	1	26.650694
SU5_str	BOBJ1	623.75	After	Right Exterior Girder	78.75	0.95	1	1	34.379317
SU5_str	BOBJ1	635	Before	Left Exterior Girder	90	0.95	1	1	34.752723
SU5_str	BOBJ1	635	Before	Interior Girder 1	90	0.95	1	1	26.975743
SU5_str	BOBJ1	635	Before	Interior Girder 2	90	0.95	1	1	26.975742
SU5_str	BOBJ1	635	Before	Right Exterior Girder	90	0.95	1	1	34.752723
SU5_str	BOBJ1	635	After	Left Exterior Girder	90	0.95	1	1	37.641065
SU5_str	BOBJ1	635	After	Interior Girder 1	90	0.95	1	1	25.896855
SU5_str	BOBJ1	635	After	Interior Girder 2	90	0.95	1	1	25.896854
SU5_str	BOBJ1	635	After	Right Exterior Girder	90	0.95	1	1	37.641067
SU5_str	BOBJ1	643.5619	Before	Left Exterior Girder	98.5619	0.95	1	1	37.946691
SU5_str	BOBJ1	643.5619	Before	Interior Girder 1	98.5619	0.95	1	1	26.133044
SU5_str	BOBJ1	643.5619	Before	Interior Girder 2	98.5619	0.95	1	1	26.133043
SU5_str	BOBJ1	643.5619	Before	Right Exterior Girder	98.5619	0.95	1	1	37.946692
SU5_str	BOBJ1	643.5619	After	Left Exterior Girder	98.5619	0.95	1	1	63.258273
SU5_str	BOBJ1	643.5619	After	Interior Girder 1	98.5619	0.95	1	1	43.669307
SU5_str	BOBJ1	643.5619	After	Interior Girder 2	98.5619	0.95	1	1	43.669305
SU5_str	BOBJ1	643.5619	After	Right Exterior Girder	98.5619	0.95	1	1	63.258276
SU5_str	BOBJ1	646.25	Before	Left Exterior Girder	101.25	0.95	1	1	63.378835
SU5_str	BOBJ1	646.25	Before	Interior Girder 1	101.25	0.95	1	1	43.76069
SU5_str	BOBJ1	646.25	Before	Interior Girder 2	101.25	0.95	1	1	43.760687
SU5_str	BOBJ1	646.25	Before	Right Exterior Girder	101.25	0.95	1	1	63.378838
SU5_str	BOBJ1	646.25	After	Left Exterior Girder	101.25	0.95	1	1	70.185759
SU5_str	BOBJ1	646.25	After	Interior Girder 1	101.25	0.95	1	1	50.352487
SU5_str	BOBJ1	646.25	After	Interior Girder 2	101.25	0.95	1	1	50.352485
SU5_str	BOBJ1	646.25	After	Right Exterior Girder	101.25	0.95	1	1	70.185762
SU5_str	BOBJ1	657.5	Before	Left Exterior Girder	112.5	0.95	1	1	70.742983
SU5_str	BOBJ1	657.5	Before	Interior Girder 1	112.5	0.95	1	1	50.792091
SU5_str	BOBJ1	657.5	Before	Interior Girder 2	112.5	0.95	1	1	50.792089
SU5_str	BOBJ1	657.5	Before	Right Exterior Girder	112.5	0.95	1	1	70.742986
SU5_str	BOBJ1	657.5	After	Left Exterior Girder	112.5	0.95	1	1	80.268043
SU5_str	BOBJ1	657.5	After	Interior Girder 1	112.5	0.95	1	1	49.934944
SU5_str	BOBJ1	657.5	After	Interior Girder 2	112.5	0.95	1	1	49.934951
SU5_str	BOBJ1	657.5	After	Right Exterior Girder	112.5	0.95	1	1	80.268037
SU5_str	BOBJ1	668.75	Before	Left Exterior Girder	123.75	0.95	1	1	80.897292
SU5_str	BOBJ1	668.75	Before	Interior Girder 1	123.75	0.95	1	1	50.365613
SU5_str	BOBJ1	668.75	Before	Interior Girder 2	123.75	0.95	1	1	50.36562
SU5_str	BOBJ1	668.75	Before	Right Exterior Girder	123.75	0.95	1	1	80.897285
SU5_str	BOBJ1	668.75	After	Left Exterior Girder	123.75	0.95	1	1	91.471802
SU5_str	BOBJ1	668.75	After	Interior Girder 1	123.75	0.95	1	1	57.502756
SU5_str	BOBJ1	668.75	After	Interior Girder 2	123.75	0.95	1	1	57.502764
SU5_str	BOBJ1	668.75	After	Right Exterior Girder	123.75	0.95	1	1	91.471791
SU5_str	BOBJ1	680	Before	Left Exterior Girder	135	0.95	1	1	92.180877
SU5_str	BOBJ1	680	Before	Interior Girder 1	135	0.95	1	1	57.993123
SU5_str	BOBJ1	680	Before	Interior Girder 2	135	0.95	1	1	57.993131
SU5_str	BOBJ1	680	Before	Right Exterior Girder	135	0.95	1	1	92.180865
SU5_str	BOBJ1	680	After	Left Exterior Girder	135	0.95	1	1	104.700177
SU5_str	BOBJ1	680	After	Interior Girder 1	135	0.95	1	1	56.814515
SU5_str	BOBJ1	680	After	Interior Girder 2	135	0.95	1	1	56.814512
SU5_str	BOBJ1	680	After	Right Exterior Girder	135	0.95	1	1	104.700185
SU5_str	BOBJ1	691.25	Before	Left Exterior Girder	146.25	0.95	1	1	103.923219
SU5_str	BOBJ1	691.25	Before	Interior Girder 1	146.25	0.95	1	1	57.293292
SU5_str	BOBJ1	691.25	Before	Interior Girder 2	146.25	0.95	1	1	57.29329
SU5_str	BOBJ1	691.25	Before	Right Exterior Girder	146.25	0.95	1	1	103.923227
SU5_str	BOBJ1	691.25	After	Left Exterior Girder	146.25	0.95	1	1	91.065319
SU5_str	BOBJ1	691.25	After	Interior Girder 1	146.25	0.95	1	1	55.551064
SU5_str	BOBJ1	691.25	After	Interior Girder 2	146.25	0.95	1	1	55.551067
SU5_str	BOBJ1	691.25	After	Right Exterior Girder	146.25	0.95	1	1	91.065318

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelNonCompStrgth-Shr - Main Span Girders									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
SU5_str	BOBJ1	702.5	Before	Left Exterior Girder	157.5	0.95	1	1	90.382237
SU5_str	BOBJ1	702.5	Before	Interior Girder 1	157.5	0.95	1	1	55.092545
SU5_str	BOBJ1	702.5	Before	Interior Girder 2	157.5	0.95	1	1	55.092548
SU5_str	BOBJ1	702.5	Before	Right Exterior Girder	157.5	0.95	1	1	90.382236
SU5_str	BOBJ1	702.5	After	Left Exterior Girder	157.5	0.95	1	1	78.290766
SU5_str	BOBJ1	702.5	After	Interior Girder 1	157.5	0.95	1	1	56.07093
SU5_str	BOBJ1	702.5	After	Interior Girder 2	157.5	0.95	1	1	56.070932
SU5_str	BOBJ1	702.5	After	Right Exterior Girder	157.5	0.95	1	1	78.290759
SU5_str	BOBJ1	713.75	Before	Left Exterior Girder	168.75	0.95	1	1	77.696308
SU5_str	BOBJ1	713.75	Before	Interior Girder 1	168.75	0.95	1	1	55.602713
SU5_str	BOBJ1	713.75	Before	Interior Girder 2	168.75	0.95	1	1	55.602715
SU5_str	BOBJ1	713.75	Before	Right Exterior Girder	168.75	0.95	1	1	77.696301
SU5_str	BOBJ1	713.75	After	Left Exterior Girder	168.75	0.95	1	1	69.744331
SU5_str	BOBJ1	713.75	After	Interior Girder 1	168.75	0.95	1	1	48.619012
SU5_str	BOBJ1	713.75	After	Interior Girder 2	168.75	0.95	1	1	48.619012
SU5_str	BOBJ1	713.75	After	Right Exterior Girder	168.75	0.95	1	1	69.74433
SU5_str	BOBJ1	725	Before	Left Exterior Girder	180	0.95	1	1	69.208906
SU5_str	BOBJ1	725	Before	Interior Girder 1	180	0.95	1	1	48.20851
SU5_str	BOBJ1	725	Before	Interior Girder 2	180	0.95	1	1	48.20851
SU5_str	BOBJ1	725	Before	Right Exterior Girder	180	0.95	1	1	69.208905
SU5_str	BOBJ1	725	After	Left Exterior Girder	180	0.95	1	1	61.224024
SU5_str	BOBJ1	725	After	Interior Girder 1	180	0.95	1	1	47.334934
SU5_str	BOBJ1	725	After	Interior Girder 2	180	0.95	1	1	47.334931
SU5_str	BOBJ1	725	After	Right Exterior Girder	180	0.95	1	1	61.224031
SU5_str	BOBJ1	731.1726	Before	Left Exterior Girder	186.1726	0.95	1	1	60.963097
SU5_str	BOBJ1	731.1726	Before	Interior Girder 1	186.1726	0.95	1	1	47.113211
SU5_str	BOBJ1	731.1726	Before	Interior Girder 2	186.1726	0.95	1	1	47.113209
SU5_str	BOBJ1	731.1726	Before	Right Exterior Girder	186.1726	0.95	1	1	60.963104
SU5_str	BOBJ1	731.1726	After	Left Exterior Girder	186.1726	0.95	1	1	35.479294
SU5_str	BOBJ1	731.1726	After	Interior Girder 1	186.1726	0.95	1	1	26.784746
SU5_str	BOBJ1	731.1726	After	Interior Girder 2	186.1726	0.95	1	1	26.784745
SU5_str	BOBJ1	731.1726	After	Right Exterior Girder	186.1726	0.95	1	1	35.479297
SU5_str	BOBJ1	736.25	Before	Left Exterior Girder	191.25	0.95	1	1	35.315716
SU5_str	BOBJ1	736.25	Before	Interior Girder 1	191.25	0.95	1	1	26.646165
SU5_str	BOBJ1	736.25	Before	Interior Girder 2	191.25	0.95	1	1	26.646163
SU5_str	BOBJ1	736.25	Before	Right Exterior Girder	191.25	0.95	1	1	35.31572
SU5_str	BOBJ1	736.25	After	Left Exterior Girder	191.25	0.95	1	1	34.241026
SU5_str	BOBJ1	736.25	After	Interior Girder 1	191.25	0.95	1	1	25.128099
SU5_str	BOBJ1	736.25	After	Interior Girder 2	191.25	0.95	1	1	25.128098
SU5_str	BOBJ1	736.25	After	Right Exterior Girder	191.25	0.95	1	1	34.241027
SU5_str	BOBJ1	747.5	Before	Left Exterior Girder	202.5	0.95	1	1	33.888334
SU5_str	BOBJ1	747.5	Before	Interior Girder 1	202.5	0.95	1	1	24.837505
SU5_str	BOBJ1	747.5	Before	Interior Girder 2	202.5	0.95	1	1	24.837505
SU5_str	BOBJ1	747.5	Before	Right Exterior Girder	202.5	0.95	1	1	33.888335
SU5_str	BOBJ1	747.5	After	Left Exterior Girder	202.5	0.95	1	1	30.579823
SU5_str	BOBJ1	747.5	After	Interior Girder 1	202.5	0.95	1	1	22.827917
SU5_str	BOBJ1	747.5	After	Interior Girder 2	202.5	0.95	1	1	22.827916
SU5_str	BOBJ1	747.5	After	Right Exterior Girder	202.5	0.95	1	1	30.579822
SU5_str	BOBJ1	758.75	Before	Left Exterior Girder	213.75	0.95	1	1	30.258958
SU5_str	BOBJ1	758.75	Before	Interior Girder 1	213.75	0.95	1	1	22.559351
SU5_str	BOBJ1	758.75	Before	Interior Girder 2	213.75	0.95	1	1	22.55935
SU5_str	BOBJ1	758.75	Before	Right Exterior Girder	213.75	0.95	1	1	30.258957
SU5_str	BOBJ1	758.75	After	Left Exterior Girder	213.75	0.95	1	1	28.024169
SU5_str	BOBJ1	758.75	After	Interior Girder 1	213.75	0.95	1	1	18.624654
SU5_str	BOBJ1	758.75	After	Interior Girder 2	213.75	0.95	1	1	18.624652
SU5_str	BOBJ1	758.75	After	Right Exterior Girder	213.75	0.95	1	1	28.02417
SU5_str	BOBJ1	770	Before	Left Exterior Girder	225	0.95	1	1	27.725287
SU5_str	BOBJ1	770	Before	Interior Girder 1	225	0.95	1	1	18.401889
SU5_str	BOBJ1	770	Before	Interior Girder 2	225	0.95	1	1	18.401887
SU5_str	BOBJ1	770	Before	Right Exterior Girder	225	0.95	1	1	27.725288
SU6_str	BOBJ1	0	After	Left Exterior Girder	0	0.95	1	1	25.138134
SU6_str	BOBJ1	0	After	Interior Girder 1	0	0.95	1	1	16.910689
SU6_str	BOBJ1	0	After	Interior Girder 2	0	0.95	1	1	16.91069
SU6_str	BOBJ1	0	After	Right Exterior Girder	0	0.95	1	1	25.138132
SU6_str	BOBJ1	11.25	Before	Left Exterior Girder	11.25	0.95	1	1	25.409126
SU6_str	BOBJ1	11.25	Before	Interior Girder 1	11.25	0.95	1	1	17.115402
SU6_str	BOBJ1	11.25	Before	Interior Girder 2	11.25	0.95	1	1	17.115403
SU6_str	BOBJ1	11.25	Before	Right Exterior Girder	11.25	0.95	1	1	25.409125

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Main Span Girders									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
SU6_str	BOBJ1	11.25	After	Left Exterior Girder	11.25	0.95	1	1	27.451847
SU6_str	BOBJ1	11.25	After	Interior Girder 1	11.25	0.95	1	1	20.852807
SU6_str	BOBJ1	11.25	After	Interior Girder 2	11.25	0.95	1	1	20.852809
SU6_str	BOBJ1	11.25	After	Right Exterior Girder	11.25	0.95	1	1	27.451845
SU6_str	BOBJ1	22.5	Before	Left Exterior Girder	22.5	0.95	1	1	27.742945
SU6_str	BOBJ1	22.5	Before	Interior Girder 1	22.5	0.95	1	1	21.101057
SU6_str	BOBJ1	22.5	Before	Interior Girder 2	22.5	0.95	1	1	21.101059
SU6_str	BOBJ1	22.5	Before	Right Exterior Girder	22.5	0.95	1	1	27.742943
SU6_str	BOBJ1	22.5	After	Left Exterior Girder	22.5	0.95	1	1	30.771579
SU6_str	BOBJ1	22.5	After	Interior Girder 1	22.5	0.95	1	1	22.988589
SU6_str	BOBJ1	22.5	After	Interior Girder 2	22.5	0.95	1	1	22.988588
SU6_str	BOBJ1	22.5	After	Right Exterior Girder	22.5	0.95	1	1	30.771579
SU6_str	BOBJ1	33.75	Before	Left Exterior Girder	33.75	0.95	1	1	31.091833
SU6_str	BOBJ1	33.75	Before	Interior Girder 1	33.75	0.95	1	1	23.25755
SU6_str	BOBJ1	33.75	Before	Interior Girder 2	33.75	0.95	1	1	23.257549
SU6_str	BOBJ1	33.75	Before	Right Exterior Girder	33.75	0.95	1	1	31.091833
SU6_str	BOBJ1	33.75	After	Left Exterior Girder	33.75	0.95	1	1	32.136113
SU6_str	BOBJ1	33.75	After	Interior Girder 1	33.75	0.95	1	1	24.605592
SU6_str	BOBJ1	33.75	After	Interior Girder 2	33.75	0.95	1	1	24.60559
SU6_str	BOBJ1	33.75	After	Right Exterior Girder	33.75	0.95	1	1	32.136114
SU6_str	BOBJ1	38.8274	Before	Left Exterior Girder	38.8274	0.95	1	1	32.284963
SU6_str	BOBJ1	38.8274	Before	Interior Girder 1	38.8274	0.95	1	1	24.733561
SU6_str	BOBJ1	38.8274	Before	Interior Girder 2	38.8274	0.95	1	1	24.733559
SU6_str	BOBJ1	38.8274	Before	Right Exterior Girder	38.8274	0.95	1	1	32.284964
SU6_str	BOBJ1	38.8274	After	Left Exterior Girder	38.8274	0.95	1	1	55.568527
SU6_str	BOBJ1	38.8274	After	Interior Girder 1	38.8274	0.95	1	1	43.402034
SU6_str	BOBJ1	38.8274	After	Interior Girder 2	38.8274	0.95	1	1	43.402032
SU6_str	BOBJ1	38.8274	After	Right Exterior Girder	38.8274	0.95	1	1	55.568529
SU6_str	BOBJ1	45	Before	Left Exterior Girder	45	0.95	1	1	55.806364
SU6_str	BOBJ1	45	Before	Interior Girder 1	45	0.95	1	1	43.606292
SU6_str	BOBJ1	45	Before	Interior Girder 2	45	0.95	1	1	43.606289
SU6_str	BOBJ1	45	Before	Right Exterior Girder	45	0.95	1	1	55.806367
SU6_str	BOBJ1	45	After	Left Exterior Girder	45	0.95	1	1	63.079626
SU6_str	BOBJ1	45	After	Interior Girder 1	45	0.95	1	1	44.644681
SU6_str	BOBJ1	45	After	Interior Girder 2	45	0.95	1	1	44.644676
SU6_str	BOBJ1	45	After	Right Exterior Girder	45	0.95	1	1	63.079628
SU6_str	BOBJ1	56.25	Before	Left Exterior Girder	56.25	0.95	1	1	63.567633
SU6_str	BOBJ1	56.25	Before	Interior Girder 1	56.25	0.95	1	1	45.024836
SU6_str	BOBJ1	56.25	Before	Interior Girder 2	56.25	0.95	1	1	45.024831
SU6_str	BOBJ1	56.25	Before	Right Exterior Girder	56.25	0.95	1	1	63.567635
SU6_str	BOBJ1	56.25	After	Left Exterior Girder	56.25	0.95	1	1	71.089287
SU6_str	BOBJ1	56.25	After	Interior Girder 1	56.25	0.95	1	1	51.376924
SU6_str	BOBJ1	56.25	After	Interior Girder 2	56.25	0.95	1	1	51.376919
SU6_str	BOBJ1	56.25	After	Right Exterior Girder	56.25	0.95	1	1	71.089289
SU6_str	BOBJ1	67.5	Before	Left Exterior Girder	67.5	0.95	1	1	71.633194
SU6_str	BOBJ1	67.5	Before	Interior Girder 1	67.5	0.95	1	1	51.809557
SU6_str	BOBJ1	67.5	Before	Interior Girder 2	67.5	0.95	1	1	51.809552
SU6_str	BOBJ1	67.5	Before	Right Exterior Girder	67.5	0.95	1	1	71.633196
SU6_str	BOBJ1	67.5	After	Left Exterior Girder	67.5	0.95	1	1	82.750993
SU6_str	BOBJ1	67.5	After	Interior Girder 1	67.5	0.95	1	1	51.131458
SU6_str	BOBJ1	67.5	After	Interior Girder 2	67.5	0.95	1	1	51.131461
SU6_str	BOBJ1	67.5	After	Right Exterior Girder	67.5	0.95	1	1	82.750974
SU6_str	BOBJ1	78.75	Before	Left Exterior Girder	78.75	0.95	1	1	83.3764
SU6_str	BOBJ1	78.75	Before	Interior Girder 1	78.75	0.95	1	1	51.55701
SU6_str	BOBJ1	78.75	Before	Interior Girder 2	78.75	0.95	1	1	51.557013
SU6_str	BOBJ1	78.75	Before	Right Exterior Girder	78.75	0.95	1	1	83.376381
SU6_str	BOBJ1	78.75	After	Left Exterior Girder	78.75	0.95	1	1	95.619424
SU6_str	BOBJ1	78.75	After	Interior Girder 1	78.75	0.95	1	1	53.347118
SU6_str	BOBJ1	78.75	After	Interior Girder 2	78.75	0.95	1	1	53.347113
SU6_str	BOBJ1	78.75	After	Right Exterior Girder	78.75	0.95	1	1	95.619398
SU6_str	BOBJ1	90	Before	Left Exterior Girder	90	0.95	1	1	96.3343
SU6_str	BOBJ1	90	Before	Interior Girder 1	90	0.95	1	1	52.901318
SU6_str	BOBJ1	90	Before	Interior Girder 2	90	0.95	1	1	52.901312
SU6_str	BOBJ1	90	Before	Right Exterior Girder	90	0.95	1	1	96.334275
SU6_str	BOBJ1	90	After	Left Exterior Girder	90	0.95	1	1	84.769953
SU6_str	BOBJ1	90	After	Interior Girder 1	90	0.95	1	1	53.649755
SU6_str	BOBJ1	90	After	Interior Girder 2	90	0.95	1	1	53.649744
SU6_str	BOBJ1	90	After	Right Exterior Girder	90	0.95	1	1	84.769962

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Main Span Girders									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
SU6_str	BOBJ1	101.25	Before	Left Exterior Girder	101.25	0.95	1	1	84.117886
SU6_str	BOBJ1	101.25	Before	Interior Girder 1	101.25	0.95	1	1	53.196114
SU6_str	BOBJ1	101.25	Before	Interior Girder 2	101.25	0.95	1	1	53.196103
SU6_str	BOBJ1	101.25	Before	Right Exterior Girder	101.25	0.95	1	1	84.117894
SU6_str	BOBJ1	101.25	After	Left Exterior Girder	101.25	0.95	1	1	73.91657
SU6_str	BOBJ1	101.25	After	Interior Girder 1	101.25	0.95	1	1	46.648179
SU6_str	BOBJ1	101.25	After	Interior Girder 2	101.25	0.95	1	1	46.648171
SU6_str	BOBJ1	101.25	After	Right Exterior Girder	101.25	0.95	1	1	73.916574
SU6_str	BOBJ1	112.5	Before	Left Exterior Girder	112.5	0.95	1	1	73.34162
SU6_str	BOBJ1	112.5	Before	Interior Girder 1	112.5	0.95	1	1	46.249297
SU6_str	BOBJ1	112.5	Before	Interior Girder 2	112.5	0.95	1	1	46.24929
SU6_str	BOBJ1	112.5	Before	Right Exterior Girder	112.5	0.95	1	1	73.341624
SU6_str	BOBJ1	112.5	After	Left Exterior Girder	112.5	0.95	1	1	64.517557
SU6_str	BOBJ1	112.5	After	Interior Girder 1	112.5	0.95	1	1	46.808352
SU6_str	BOBJ1	112.5	After	Interior Girder 2	112.5	0.95	1	1	46.808355
SU6_str	BOBJ1	112.5	After	Right Exterior Girder	112.5	0.95	1	1	64.517554
SU6_str	BOBJ1	123.75	Before	Left Exterior Girder	123.75	0.95	1	1	64.009369
SU6_str	BOBJ1	123.75	Before	Interior Girder 1	123.75	0.95	1	1	46.403228
SU6_str	BOBJ1	123.75	Before	Interior Girder 2	123.75	0.95	1	1	46.40323
SU6_str	BOBJ1	123.75	Before	Right Exterior Girder	123.75	0.95	1	1	64.009366
SU6_str	BOBJ1	123.75	After	Left Exterior Girder	123.75	0.95	1	1	57.625847
SU6_str	BOBJ1	123.75	After	Interior Girder 1	123.75	0.95	1	1	40.252124
SU6_str	BOBJ1	123.75	After	Interior Girder 2	123.75	0.95	1	1	40.252127
SU6_str	BOBJ1	123.75	After	Right Exterior Girder	123.75	0.95	1	1	57.625844
SU6_str	BOBJ1	126.4381	Before	Left Exterior Girder	126.4381	0.95	1	1	57.516229
SU6_str	BOBJ1	126.4381	Before	Interior Girder 1	126.4381	0.95	1	1	40.168068
SU6_str	BOBJ1	126.4381	Before	Interior Girder 2	126.4381	0.95	1	1	40.168071
SU6_str	BOBJ1	126.4381	Before	Right Exterior Girder	126.4381	0.95	1	1	57.516225
SU6_str	BOBJ1	126.4381	After	Left Exterior Girder	126.4381	0.95	1	1	34.462207
SU6_str	BOBJ1	126.4381	After	Interior Girder 1	126.4381	0.95	1	1	24.102413
SU6_str	BOBJ1	126.4381	After	Interior Girder 2	126.4381	0.95	1	1	24.102415
SU6_str	BOBJ1	126.4381	After	Right Exterior Girder	126.4381	0.95	1	1	34.462205
SU6_str	BOBJ1	135	Before	Left Exterior Girder	135	0.95	1	1	34.184646
SU6_str	BOBJ1	135	Before	Interior Girder 1	135	0.95	1	1	23.884577
SU6_str	BOBJ1	135	Before	Interior Girder 2	135	0.95	1	1	23.884579
SU6_str	BOBJ1	135	Before	Right Exterior Girder	135	0.95	1	1	34.184644
SU6_str	BOBJ1	135	After	Left Exterior Girder	135	0.95	1	1	31.528015
SU6_str	BOBJ1	135	After	Interior Girder 1	135	0.95	1	1	24.765121
SU6_str	BOBJ1	135	After	Interior Girder 2	135	0.95	1	1	24.765123
SU6_str	BOBJ1	135	After	Right Exterior Girder	135	0.95	1	1	31.528013
SU6_str	BOBJ1	146.25	Before	Left Exterior Girder	146.25	0.95	1	1	31.189257
SU6_str	BOBJ1	146.25	Before	Interior Girder 1	146.25	0.95	1	1	24.466711
SU6_str	BOBJ1	146.25	Before	Interior Girder 2	146.25	0.95	1	1	24.466712
SU6_str	BOBJ1	146.25	Before	Right Exterior Girder	146.25	0.95	1	1	31.189255
SU6_str	BOBJ1	146.25	After	Left Exterior Girder	146.25	0.95	1	1	28.898203
SU6_str	BOBJ1	146.25	After	Interior Girder 1	146.25	0.95	1	1	21.804554
SU6_str	BOBJ1	146.25	After	Interior Girder 2	146.25	0.95	1	1	21.804556
SU6_str	BOBJ1	146.25	After	Right Exterior Girder	146.25	0.95	1	1	28.898202
SU6_str	BOBJ1	157.5	Before	Left Exterior Girder	157.5	0.95	1	1	28.582465
SU6_str	BOBJ1	157.5	Before	Interior Girder 1	157.5	0.95	1	1	21.537342
SU6_str	BOBJ1	157.5	Before	Interior Girder 2	157.5	0.95	1	1	21.537343
SU6_str	BOBJ1	157.5	Before	Right Exterior Girder	157.5	0.95	1	1	28.582463
SU6_str	BOBJ1	157.5	After	Left Exterior Girder	157.5	0.95	1	1	26.448635
SU6_str	BOBJ1	157.5	After	Interior Girder 1	157.5	0.95	1	1	20.915341
SU6_str	BOBJ1	157.5	After	Interior Girder 2	157.5	0.95	1	1	20.91534
SU6_str	BOBJ1	157.5	After	Right Exterior Girder	157.5	0.95	1	1	26.448634
SU6_str	BOBJ1	168.2522	Before	Left Exterior Girder	168.2522	0.95	1	1	26.16721
SU6_str	BOBJ1	168.2522	Before	Interior Girder 1	168.2522	0.95	1	1	20.665715
SU6_str	BOBJ1	168.2522	Before	Interior Girder 2	168.2522	0.95	1	1	20.665714
SU6_str	BOBJ1	168.2522	Before	Right Exterior Girder	168.2522	0.95	1	1	26.16721
SU6_str	BOBJ1	168.2522	After	Left Exterior Girder	168.2522	0.95	1	1	35.453284
SU6_str	BOBJ1	168.2522	After	Interior Girder 1	168.2522	0.95	1	1	27.870269
SU6_str	BOBJ1	168.2522	After	Interior Girder 2	168.2522	0.95	1	1	27.870268
SU6_str	BOBJ1	168.2522	After	Right Exterior Girder	168.2522	0.95	1	1	35.453283
SU6_str	BOBJ1	168.75	Before	Left Exterior Girder	168.75	0.95	1	1	35.439145
SU6_str	BOBJ1	168.75	Before	Interior Girder 1	168.75	0.95	1	1	27.858198
SU6_str	BOBJ1	168.75	Before	Interior Girder 2	168.75	0.95	1	1	27.858197
SU6_str	BOBJ1	168.75	Before	Right Exterior Girder	168.75	0.95	1	1	35.439144

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelNonCompStrgth-Shr - Main Span Girders									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
SU6_str	BOBJ1	168.75	After	Left Exterior Girder	168.75	0.95	1	1	38.515415
SU6_str	BOBJ1	168.75	After	Interior Girder 1	168.75	0.95	1	1	28.655608
SU6_str	BOBJ1	168.75	After	Interior Girder 2	168.75	0.95	1	1	28.655606
SU6_str	BOBJ1	168.75	After	Right Exterior Girder	168.75	0.95	1	1	38.515414
SU6_str	BOBJ1	180	Before	Left Exterior Girder	180	0.95	1	1	38.169626
SU6_str	BOBJ1	180	Before	Interior Girder 1	180	0.95	1	1	28.372725
SU6_str	BOBJ1	180	Before	Interior Girder 2	180	0.95	1	1	28.372723
SU6_str	BOBJ1	180	Before	Right Exterior Girder	180	0.95	1	1	38.169625
SU6_str	BOBJ1	180	After	Left Exterior Girder	180	0.95	1	1	35.639225
SU6_str	BOBJ1	180	After	Interior Girder 1	180	0.95	1	1	26.008279
SU6_str	BOBJ1	180	After	Interior Girder 2	180	0.95	1	1	26.008278
SU6_str	BOBJ1	180	After	Right Exterior Girder	180	0.95	1	1	35.639227
SU6_str	BOBJ1	183.1858	Before	Left Exterior Girder	183.1858	0.95	1	1	35.547375
SU6_str	BOBJ1	183.1858	Before	Interior Girder 1	183.1858	0.95	1	1	25.934662
SU6_str	BOBJ1	183.1858	Before	Interior Girder 2	183.1858	0.95	1	1	25.93466
SU6_str	BOBJ1	183.1858	Before	Right Exterior Girder	183.1858	0.95	1	1	35.547377
SU6_str	BOBJ1	183.1858	After	Left Exterior Girder	183.1858	0.95	1	1	56.750963
SU6_str	BOBJ1	183.1858	After	Interior Girder 1	183.1858	0.95	1	1	40.608064
SU6_str	BOBJ1	183.1858	After	Interior Girder 2	183.1858	0.95	1	1	40.608062
SU6_str	BOBJ1	183.1858	After	Right Exterior Girder	183.1858	0.95	1	1	56.750966
SU6_str	BOBJ1	191.25	Before	Left Exterior Girder	191.25	0.95	1	1	56.455508
SU6_str	BOBJ1	191.25	Before	Interior Girder 1	191.25	0.95	1	1	40.380002
SU6_str	BOBJ1	191.25	Before	Interior Girder 2	191.25	0.95	1	1	40.38
SU6_str	BOBJ1	191.25	Before	Right Exterior Girder	191.25	0.95	1	1	56.455511
SU6_str	BOBJ1	191.25	After	Left Exterior Girder	191.25	0.95	1	1	54.904833
SU6_str	BOBJ1	191.25	After	Interior Girder 1	191.25	0.95	1	1	37.188996
SU6_str	BOBJ1	191.25	After	Interior Girder 2	191.25	0.95	1	1	37.188995
SU6_str	BOBJ1	191.25	After	Right Exterior Girder	191.25	0.95	1	1	54.904836
SU6_str	BOBJ1	199.9414	Before	Left Exterior Girder	199.9414	0.95	1	1	54.59456
SU6_str	BOBJ1	199.9414	Before	Interior Girder 1	199.9414	0.95	1	1	36.962237
SU6_str	BOBJ1	199.9414	Before	Interior Girder 2	199.9414	0.95	1	1	36.962236
SU6_str	BOBJ1	199.9414	Before	Right Exterior Girder	199.9414	0.95	1	1	54.594562
SU6_str	BOBJ1	199.9414	After	Left Exterior Girder	199.9414	0.95	1	1	69.702244
SU6_str	BOBJ1	199.9414	After	Interior Girder 1	199.9414	0.95	1	1	44.604095
SU6_str	BOBJ1	199.9414	After	Interior Girder 2	199.9414	0.95	1	1	44.604094
SU6_str	BOBJ1	199.9414	After	Right Exterior Girder	199.9414	0.95	1	1	69.702247
SU6_str	BOBJ1	202.5	Before	Left Exterior Girder	202.5	0.95	1	1	69.59801
SU6_str	BOBJ1	202.5	Before	Interior Girder 1	202.5	0.95	1	1	44.532977
SU6_str	BOBJ1	202.5	Before	Interior Girder 2	202.5	0.95	1	1	44.532976
SU6_str	BOBJ1	202.5	Before	Right Exterior Girder	202.5	0.95	1	1	69.598013
SU6_str	BOBJ1	202.5	After	Left Exterior Girder	202.5	0.95	1	1	70.081259
SU6_str	BOBJ1	202.5	After	Interior Girder 1	202.5	0.95	1	1	44.966047
SU6_str	BOBJ1	202.5	After	Interior Girder 2	202.5	0.95	1	1	44.966046
SU6_str	BOBJ1	202.5	After	Right Exterior Girder	202.5	0.95	1	1	70.081261
SU6_str	BOBJ1	210.5642	Before	Left Exterior Girder	210.5642	0.95	1	1	69.75012
SU6_str	BOBJ1	210.5642	Before	Interior Girder 1	210.5642	0.95	1	1	44.739307
SU6_str	BOBJ1	210.5642	Before	Interior Girder 2	210.5642	0.95	1	1	44.739306
SU6_str	BOBJ1	210.5642	Before	Right Exterior Girder	210.5642	0.95	1	1	69.750123
SU6_str	BOBJ1	210.5642	After	Left Exterior Girder	210.5642	0.95	1	1	84.644874
SU6_str	BOBJ1	210.5642	After	Interior Girder 1	210.5642	0.95	1	1	51.955683
SU6_str	BOBJ1	210.5642	After	Interior Girder 2	210.5642	0.95	1	1	51.955682
SU6_str	BOBJ1	210.5642	After	Right Exterior Girder	210.5642	0.95	1	1	84.644876
SU6_str	BOBJ1	213.75	Before	Left Exterior Girder	213.75	0.95	1	1	84.497803
SU6_str	BOBJ1	213.75	Before	Interior Girder 1	213.75	0.95	1	1	51.860159
SU6_str	BOBJ1	213.75	Before	Interior Girder 2	213.75	0.95	1	1	51.860159
SU6_str	BOBJ1	213.75	Before	Right Exterior Girder	213.75	0.95	1	1	84.497806
SU6_str	BOBJ1	213.75	After	Left Exterior Girder	213.75	0.95	1	1	84.515015
SU6_str	BOBJ1	213.75	After	Interior Girder 1	213.75	0.95	1	1	50.644098
SU6_str	BOBJ1	213.75	After	Interior Girder 2	213.75	0.95	1	1	50.644097
SU6_str	BOBJ1	213.75	After	Right Exterior Girder	213.75	0.95	1	1	84.515017
SU6_str	BOBJ1	225	Before	Left Exterior Girder	225	0.95	1	1	83.995144
SU6_str	BOBJ1	225	Before	Interior Girder 1	225	0.95	1	1	50.314359
SU6_str	BOBJ1	225	Before	Interior Girder 2	225	0.95	1	1	50.314359
SU6_str	BOBJ1	225	Before	Right Exterior Girder	225	0.95	1	1	83.995146
SU6_str	BOBJ1	225	After	Left Exterior Girder	0	0.95	1	1	79.433294
SU6_str	BOBJ1	225	After	Interior Girder 1	0	0.95	1	1	47.380511
SU6_str	BOBJ1	225	After	Interior Girder 2	0	0.95	1	1	47.380511
SU6_str	BOBJ1	225	After	Right Exterior Girder	0	0.95	1	1	79.433293

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Main Span Girders									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
SU6_str	BOBJ1	236.45	Before	Left Exterior Girder	11.45	0.95	1	1	81.118208
SU6_str	BOBJ1	236.45	Before	Interior Girder 1	11.45	0.95	1	1	50.37664
SU6_str	BOBJ1	236.45	Before	Interior Girder 2	11.45	0.95	1	1	50.37664
SU6_str	BOBJ1	236.45	Before	Right Exterior Girder	11.45	0.95	1	1	81.118207
SU6_str	BOBJ1	236.45	After	Left Exterior Girder	11.45	0.95	1	1	81.046473
SU6_str	BOBJ1	236.45	After	Interior Girder 1	11.45	0.95	1	1	51.031944
SU6_str	BOBJ1	236.45	After	Interior Girder 2	11.45	0.95	1	1	51.031944
SU6_str	BOBJ1	236.45	After	Right Exterior Girder	11.45	0.95	1	1	81.046472
SU6_str	BOBJ1	239.5082	Before	Left Exterior Girder	14.5082	0.95	1	1	81.183309
SU6_str	BOBJ1	239.5082	Before	Interior Girder 1	14.5082	0.95	1	1	51.123082
SU6_str	BOBJ1	239.5082	Before	Interior Girder 2	14.5082	0.95	1	1	51.123082
SU6_str	BOBJ1	239.5082	Before	Right Exterior Girder	14.5082	0.95	1	1	81.183308
SU6_str	BOBJ1	239.5082	After	Left Exterior Girder	14.5082	0.95	1	1	66.576587
SU6_str	BOBJ1	239.5082	After	Interior Girder 1	14.5082	0.95	1	1	43.949907
SU6_str	BOBJ1	239.5082	After	Interior Girder 2	14.5082	0.95	1	1	43.949908
SU6_str	BOBJ1	239.5082	After	Right Exterior Girder	14.5082	0.95	1	1	66.576586
SU6_str	BOBJ1	247.9	Before	Left Exterior Girder	22.9	0.95	1	1	66.909828
SU6_str	BOBJ1	247.9	Before	Interior Girder 1	22.9	0.95	1	1	44.18464
SU6_str	BOBJ1	247.9	Before	Interior Girder 2	22.9	0.95	1	1	44.18464
SU6_str	BOBJ1	247.9	Before	Right Exterior Girder	22.9	0.95	1	1	66.909827
SU6_str	BOBJ1	247.9	After	Left Exterior Girder	22.9	0.95	1	1	69.438334
SU6_str	BOBJ1	247.9	After	Interior Girder 1	22.9	0.95	1	1	47.467802
SU6_str	BOBJ1	247.9	After	Interior Girder 2	22.9	0.95	1	1	47.467803
SU6_str	BOBJ1	247.9	After	Right Exterior Girder	22.9	0.95	1	1	69.438333
SU6_str	BOBJ1	258.5189	Before	Left Exterior Girder	33.5189	0.95	1	1	69.874952
SU6_str	BOBJ1	258.5189	Before	Interior Girder 1	33.5189	0.95	1	1	47.78626
SU6_str	BOBJ1	258.5189	Before	Interior Girder 2	33.5189	0.95	1	1	47.786261
SU6_str	BOBJ1	258.5189	Before	Right Exterior Girder	33.5189	0.95	1	1	69.874951
SU6_str	BOBJ1	258.5189	After	Left Exterior Girder	33.5189	0.95	1	1	51.421199
SU6_str	BOBJ1	258.5189	After	Interior Girder 1	33.5189	0.95	1	1	37.799034
SU6_str	BOBJ1	258.5189	After	Interior Girder 2	33.5189	0.95	1	1	37.799035
SU6_str	BOBJ1	258.5189	After	Right Exterior Girder	33.5189	0.95	1	1	51.421198
SU6_str	BOBJ1	259.3	Before	Left Exterior Girder	34.3	0.95	1	1	51.447806
SU6_str	BOBJ1	259.3	Before	Interior Girder 1	34.3	0.95	1	1	37.819991
SU6_str	BOBJ1	259.3	Before	Interior Girder 2	34.3	0.95	1	1	37.819991
SU6_str	BOBJ1	259.3	Before	Right Exterior Girder	34.3	0.95	1	1	51.447804
SU6_str	BOBJ1	259.3	After	Left Exterior Girder	34.3	0.95	1	1	53.771902
SU6_str	BOBJ1	259.3	After	Interior Girder 1	34.3	0.95	1	1	38.635482
SU6_str	BOBJ1	259.3	After	Interior Girder 2	34.3	0.95	1	1	38.635483
SU6_str	BOBJ1	259.3	After	Right Exterior Girder	34.3	0.95	1	1	53.771901
SU6_str	BOBJ1	266.1031	Before	Left Exterior Girder	41.1031	0.95	1	1	54.013076
SU6_str	BOBJ1	266.1031	Before	Interior Girder 1	41.1031	0.95	1	1	38.822401
SU6_str	BOBJ1	266.1031	Before	Interior Girder 2	41.1031	0.95	1	1	38.822401
SU6_str	BOBJ1	266.1031	Before	Right Exterior Girder	41.1031	0.95	1	1	54.013075
SU6_str	BOBJ1	266.1031	After	Left Exterior Girder	41.1031	0.95	1	1	33.919698
SU6_str	BOBJ1	266.1031	After	Interior Girder 1	41.1031	0.95	1	1	25.097361
SU6_str	BOBJ1	266.1031	After	Interior Girder 2	41.1031	0.95	1	1	25.097361
SU6_str	BOBJ1	266.1031	After	Right Exterior Girder	41.1031	0.95	1	1	33.919697
SU6_str	BOBJ1	270.7	Before	Left Exterior Girder	45.7	0.95	1	1	34.049475
SU6_str	BOBJ1	270.7	Before	Interior Girder 1	45.7	0.95	1	1	25.202896
SU6_str	BOBJ1	270.7	Before	Interior Girder 2	45.7	0.95	1	1	25.202897
SU6_str	BOBJ1	270.7	Before	Right Exterior Girder	45.7	0.95	1	1	34.049474
SU6_str	BOBJ1	270.7	After	Left Exterior Girder	45.7	0.95	1	1	34.41185
SU6_str	BOBJ1	270.7	After	Interior Girder 1	45.7	0.95	1	1	24.46341
SU6_str	BOBJ1	270.7	After	Interior Girder 2	45.7	0.95	1	1	24.46341
SU6_str	BOBJ1	270.7	After	Right Exterior Girder	45.7	0.95	1	1	34.411848
SU6_str	BOBJ1	273.6874	Before	Left Exterior Girder	48.6874	0.95	1	1	34.496923
SU6_str	BOBJ1	273.6874	Before	Interior Girder 1	48.6874	0.95	1	1	24.529774
SU6_str	BOBJ1	273.6874	Before	Interior Girder 2	48.6874	0.95	1	1	24.529774
SU6_str	BOBJ1	273.6874	Before	Right Exterior Girder	48.6874	0.95	1	1	34.496922
SU6_str	BOBJ1	273.6874	After	Left Exterior Girder	48.6874	0.95	1	1	22.762012
SU6_str	BOBJ1	273.6874	After	Interior Girder 1	48.6874	0.95	1	1	17.166924
SU6_str	BOBJ1	273.6874	After	Interior Girder 2	48.6874	0.95	1	1	17.166924
SU6_str	BOBJ1	273.6874	After	Right Exterior Girder	48.6874	0.95	1	1	22.762011
SU6_str	BOBJ1	282.15	Before	Left Exterior Girder	57.15	0.95	1	1	22.965663
SU6_str	BOBJ1	282.15	Before	Interior Girder 1	57.15	0.95	1	1	17.339209
SU6_str	BOBJ1	282.15	Before	Interior Girder 2	57.15	0.95	1	1	17.33921
SU6_str	BOBJ1	282.15	Before	Right Exterior Girder	57.15	0.95	1	1	22.965662

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Main Span Girders									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
SU6_str	BOBJ1	282.15	After	Left Exterior Girder	57.15	0.95	1	1	23.448871
SU6_str	BOBJ1	282.15	After	Interior Girder 1	57.15	0.95	1	1	18.156343
SU6_str	BOBJ1	282.15	After	Interior Girder 2	57.15	0.95	1	1	18.156343
SU6_str	BOBJ1	282.15	After	Right Exterior Girder	57.15	0.95	1	1	23.448869
SU6_str	BOBJ1	293.6	Before	Left Exterior Girder	68.6	0.95	1	1	24.609326
SU6_str	BOBJ1	293.6	Before	Interior Girder 1	68.6	0.95	1	1	19.677857
SU6_str	BOBJ1	293.6	Before	Interior Girder 2	68.6	0.95	1	1	19.677858
SU6_str	BOBJ1	293.6	Before	Right Exterior Girder	68.6	0.95	1	1	24.609325
SU6_str	BOBJ1	293.6	After	Left Exterior Girder	68.6	0.95	1	1	25.341465
SU6_str	BOBJ1	293.6	After	Interior Girder 1	68.6	0.95	1	1	18.721956
SU6_str	BOBJ1	293.6	After	Interior Girder 2	68.6	0.95	1	1	18.721956
SU6_str	BOBJ1	293.6	After	Right Exterior Girder	68.6	0.95	1	1	25.341466
SU6_str	BOBJ1	305	Before	Left Exterior Girder	80	0.95	1	1	26.636483
SU6_str	BOBJ1	305	Before	Interior Girder 1	80	0.95	1	1	20.179438
SU6_str	BOBJ1	305	Before	Interior Girder 2	80	0.95	1	1	20.179438
SU6_str	BOBJ1	305	Before	Right Exterior Girder	80	0.95	1	1	26.636484
SU6_str	BOBJ1	305	After	Left Exterior Girder	80	0.95	1	1	26.098432
SU6_str	BOBJ1	305	After	Interior Girder 1	80	0.95	1	1	20.182738
SU6_str	BOBJ1	305	After	Interior Girder 2	80	0.95	1	1	20.182737
SU6_str	BOBJ1	305	After	Right Exterior Girder	80	0.95	1	1	26.098435
SU6_str	BOBJ1	306.9561	Before	Left Exterior Girder	81.9561	0.95	1	1	26.14995
SU6_str	BOBJ1	306.9561	Before	Interior Girder 1	81.9561	0.95	1	1	20.227099
SU6_str	BOBJ1	306.9561	Before	Interior Girder 2	81.9561	0.95	1	1	20.227099
SU6_str	BOBJ1	306.9561	Before	Right Exterior Girder	81.9561	0.95	1	1	26.149953
SU6_str	BOBJ1	306.9561	After	Left Exterior Girder	81.9561	0.95	1	1	47.91726
SU6_str	BOBJ1	306.9561	After	Interior Girder 1	81.9561	0.95	1	1	37.856138
SU6_str	BOBJ1	306.9561	After	Interior Girder 2	81.9561	0.95	1	1	37.856138
SU6_str	BOBJ1	306.9561	After	Right Exterior Girder	81.9561	0.95	1	1	47.917264
SU6_str	BOBJ1	316.4	Before	Left Exterior Girder	91.4	0.95	1	1	48.261892
SU6_str	BOBJ1	316.4	Before	Interior Girder 1	91.4	0.95	1	1	38.154538
SU6_str	BOBJ1	316.4	Before	Interior Girder 2	91.4	0.95	1	1	38.154538
SU6_str	BOBJ1	316.4	Before	Right Exterior Girder	91.4	0.95	1	1	48.261896
SU6_str	BOBJ1	316.4	After	Left Exterior Girder	91.4	0.95	1	1	50.014754
SU6_str	BOBJ1	316.4	After	Interior Girder 1	91.4	0.95	1	1	35.46605
SU6_str	BOBJ1	316.4	After	Interior Girder 2	91.4	0.95	1	1	35.46605
SU6_str	BOBJ1	316.4	After	Right Exterior Girder	91.4	0.95	1	1	50.014756
SU6_str	BOBJ1	327.85	Before	Left Exterior Girder	102.9679	0.95	1	1	52.697097
SU6_str	BOBJ1	327.85	Before	Interior Girder 1	102.9679	0.95	1	1	38.346341
SU6_str	BOBJ1	327.85	Before	Interior Girder 2	102.9679	0.95	1	1	38.346342
SU6_str	BOBJ1	327.85	Before	Right Exterior Girder	102.9679	0.95	1	1	52.697099
SU6_str	BOBJ1	327.85	After	Left Exterior Girder	102.9679	0.95	1	1	82.763425
SU6_str	BOBJ1	327.85	After	Interior Girder 1	102.9679	0.95	1	1	60.667591
SU6_str	BOBJ1	327.85	After	Interior Girder 2	102.9679	0.95	1	1	60.667593
SU6_str	BOBJ1	327.85	After	Right Exterior Girder	102.9679	0.95	1	1	82.763427
SU6_str	BOBJ1	339.3	Before	Left Exterior Girder	114.3	0.95	1	1	87.037148
SU6_str	BOBJ1	339.3	Before	Interior Girder 1	114.3	0.95	1	1	65.129573
SU6_str	BOBJ1	339.3	Before	Interior Girder 2	114.3	0.95	1	1	65.129574
SU6_str	BOBJ1	339.3	Before	Right Exterior Girder	114.3	0.95	1	1	87.03715
SU6_str	BOBJ1	339.3	After	Left Exterior Girder	114.3	0.95	1	1	90.757185
SU6_str	BOBJ1	339.3	After	Interior Girder 1	114.3	0.95	1	1	60.106401
SU6_str	BOBJ1	339.3	After	Interior Girder 2	114.3	0.95	1	1	60.106399
SU6_str	BOBJ1	339.3	After	Right Exterior Girder	114.3	0.95	1	1	90.757182
SU6_str	BOBJ1	350.7	Before	Left Exterior Girder	125.7	0.95	1	1	95.813172
SU6_str	BOBJ1	350.7	Before	Interior Girder 1	125.7	0.95	1	1	64.962961
SU6_str	BOBJ1	350.7	Before	Interior Girder 2	125.7	0.95	1	1	64.962959
SU6_str	BOBJ1	350.7	Before	Right Exterior Girder	125.7	0.95	1	1	95.81317
SU6_str	BOBJ1	350.7	After	Left Exterior Girder	125.7	0.95	1	1	99.046825
SU6_str	BOBJ1	350.7	After	Interior Girder 1	125.7	0.95	1	1	67.244987
SU6_str	BOBJ1	350.7	After	Interior Girder 2	125.7	0.95	1	1	67.244985
SU6_str	BOBJ1	350.7	After	Right Exterior Girder	125.7	0.95	1	1	99.046824
SU6_str	BOBJ1	362.1	Before	Left Exterior Girder	137.1	0.95	1	1	104.837306
SU6_str	BOBJ1	362.1	Before	Interior Girder 1	137.1	0.95	1	1	72.427023
SU6_str	BOBJ1	362.1	Before	Interior Girder 2	137.1	0.95	1	1	72.427022
SU6_str	BOBJ1	362.1	Before	Right Exterior Girder	137.1	0.95	1	1	104.837306
SU6_str	BOBJ1	362.1	After	Left Exterior Girder	137.1	0.95	1	1	110.452194
SU6_str	BOBJ1	362.1	After	Interior Girder 1	137.1	0.95	1	1	66.10787
SU6_str	BOBJ1	362.1	After	Interior Girder 2	137.1	0.95	1	1	66.107871
SU6_str	BOBJ1	362.1	After	Right Exterior Girder	137.1	0.95	1	1	110.452186

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Main Span Girders									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
SU6_str	BOBJ1	373.55	Before	Left Exterior Girder	148.55	0.95	1	1	117.62011
SU6_str	BOBJ1	373.55	Before	Interior Girder 1	148.55	0.95	1	1	71.706336
SU6_str	BOBJ1	373.55	Before	Interior Girder 2	148.55	0.95	1	1	71.706336
SU6_str	BOBJ1	373.55	Before	Right Exterior Girder	148.55	0.95	1	1	117.620099
SU6_str	BOBJ1	373.55	After	Left Exterior Girder	148.55	0.95	1	1	122.567238
SU6_str	BOBJ1	373.55	After	Interior Girder 1	148.55	0.95	1	1	74.345242
SU6_str	BOBJ1	373.55	After	Interior Girder 2	148.55	0.95	1	1	74.345242
SU6_str	BOBJ1	373.55	After	Right Exterior Girder	148.55	0.95	1	1	122.567227
SU6_str	BOBJ1	385	Before	Left Exterior Girder	160	0.95	1	1	131.132291
SU6_str	BOBJ1	385	Before	Interior Girder 1	160	0.95	1	1	72.766135
SU6_str	BOBJ1	385	Before	Interior Girder 2	160	0.95	1	1	72.766133
SU6_str	BOBJ1	385	Before	Right Exterior Girder	160	0.95	1	1	131.132276
SU6_str	BOBJ1	385	After	Left Exterior Girder	160	0.95	1	1	131.132277
SU6_str	BOBJ1	385	After	Interior Girder 1	160	0.95	1	1	72.766129
SU6_str	BOBJ1	385	After	Interior Girder 2	160	0.95	1	1	72.766132
SU6_str	BOBJ1	385	After	Right Exterior Girder	160	0.95	1	1	131.132292
SU6_str	BOBJ1	396.45	Before	Left Exterior Girder	171.45	0.95	1	1	122.567226
SU6_str	BOBJ1	396.45	Before	Interior Girder 1	171.45	0.95	1	1	74.345245
SU6_str	BOBJ1	396.45	Before	Interior Girder 2	171.45	0.95	1	1	74.345244
SU6_str	BOBJ1	396.45	Before	Right Exterior Girder	171.45	0.95	1	1	122.567238
SU6_str	BOBJ1	396.45	After	Left Exterior Girder	171.45	0.95	1	1	117.620096
SU6_str	BOBJ1	396.45	After	Interior Girder 1	171.45	0.95	1	1	71.706339
SU6_str	BOBJ1	396.45	After	Interior Girder 2	171.45	0.95	1	1	71.706338
SU6_str	BOBJ1	396.45	After	Right Exterior Girder	171.45	0.95	1	1	117.620108
SU6_str	BOBJ1	407.9	Before	Left Exterior Girder	182.9	0.95	1	1	110.452183
SU6_str	BOBJ1	407.9	Before	Interior Girder 1	182.9	0.95	1	1	66.107875
SU6_str	BOBJ1	407.9	Before	Interior Girder 2	182.9	0.95	1	1	66.107873
SU6_str	BOBJ1	407.9	Before	Right Exterior Girder	182.9	0.95	1	1	110.452192
SU6_str	BOBJ1	407.9	After	Left Exterior Girder	182.9	0.95	1	1	104.837297
SU6_str	BOBJ1	407.9	After	Interior Girder 1	182.9	0.95	1	1	72.427028
SU6_str	BOBJ1	407.9	After	Interior Girder 2	182.9	0.95	1	1	72.427025
SU6_str	BOBJ1	407.9	After	Right Exterior Girder	182.9	0.95	1	1	104.8373
SU6_str	BOBJ1	419.3	Before	Left Exterior Girder	194.3	0.95	1	1	99.046818
SU6_str	BOBJ1	419.3	Before	Interior Girder 1	194.3	0.95	1	1	67.24499
SU6_str	BOBJ1	419.3	Before	Interior Girder 2	194.3	0.95	1	1	67.244988
SU6_str	BOBJ1	419.3	Before	Right Exterior Girder	194.3	0.95	1	1	99.046821
SU6_str	BOBJ1	419.3	After	Left Exterior Girder	194.3	0.95	1	1	95.813162
SU6_str	BOBJ1	419.3	After	Interior Girder 1	194.3	0.95	1	1	64.962963
SU6_str	BOBJ1	419.3	After	Interior Girder 2	194.3	0.95	1	1	64.962962
SU6_str	BOBJ1	419.3	After	Right Exterior Girder	194.3	0.95	1	1	95.813167
SU6_str	BOBJ1	430.7	Before	Left Exterior Girder	205.7	0.95	1	1	90.757176
SU6_str	BOBJ1	430.7	Before	Interior Girder 1	205.7	0.95	1	1	60.106404
SU6_str	BOBJ1	430.7	Before	Interior Girder 2	205.7	0.95	1	1	60.106402
SU6_str	BOBJ1	430.7	Before	Right Exterior Girder	205.7	0.95	1	1	90.757181
SU6_str	BOBJ1	430.7	After	Left Exterior Girder	205.7	0.95	1	1	87.037148
SU6_str	BOBJ1	430.7	After	Interior Girder 1	205.7	0.95	1	1	65.129575
SU6_str	BOBJ1	430.7	After	Interior Girder 2	205.7	0.95	1	1	65.129572
SU6_str	BOBJ1	430.7	After	Right Exterior Girder	205.7	0.95	1	1	87.037156
SU6_str	BOBJ1	442.15	Before	Left Exterior Girder	217.0321	0.95	1	1	82.763425
SU6_str	BOBJ1	442.15	Before	Interior Girder 1	217.0321	0.95	1	1	60.667592
SU6_str	BOBJ1	442.15	Before	Interior Girder 2	217.0321	0.95	1	1	60.66759
SU6_str	BOBJ1	442.15	Before	Right Exterior Girder	217.0321	0.95	1	1	82.763431
SU6_str	BOBJ1	442.15	After	Left Exterior Girder	217.0321	0.95	1	1	52.697097
SU6_str	BOBJ1	442.15	After	Interior Girder 1	217.0321	0.95	1	1	38.346341
SU6_str	BOBJ1	442.15	After	Interior Girder 2	217.0321	0.95	1	1	38.34634
SU6_str	BOBJ1	442.15	After	Right Exterior Girder	217.0321	0.95	1	1	52.697101
SU6_str	BOBJ1	453.6	Before	Left Exterior Girder	228.6	0.95	1	1	50.014754
SU6_str	BOBJ1	453.6	Before	Interior Girder 1	228.6	0.95	1	1	35.466051
SU6_str	BOBJ1	453.6	Before	Interior Girder 2	228.6	0.95	1	1	35.466049
SU6_str	BOBJ1	453.6	Before	Right Exterior Girder	228.6	0.95	1	1	50.014758
SU6_str	BOBJ1	453.6	After	Left Exterior Girder	228.6	0.95	1	1	48.261894
SU6_str	BOBJ1	453.6	After	Interior Girder 1	228.6	0.95	1	1	38.154538
SU6_str	BOBJ1	453.6	After	Interior Girder 2	228.6	0.95	1	1	38.154537
SU6_str	BOBJ1	453.6	After	Right Exterior Girder	228.6	0.95	1	1	48.261893
SU6_str	BOBJ1	463.0439	Before	Left Exterior Girder	238.0439	0.95	1	1	47.917262
SU6_str	BOBJ1	463.0439	Before	Interior Girder 1	238.0439	0.95	1	1	37.856138
SU6_str	BOBJ1	463.0439	Before	Interior Girder 2	238.0439	0.95	1	1	37.856137
SU6_str	BOBJ1	463.0439	Before	Right Exterior Girder	238.0439	0.95	1	1	47.917261

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Main Span Girders

Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
SU6_str	BOBJ1	463.0439	After	Left Exterior Girder	238.0439	0.95	1	1	26.149951
SU6_str	BOBJ1	463.0439	After	Interior Girder 1	238.0439	0.95	1	1	20.227099
SU6_str	BOBJ1	463.0439	After	Interior Girder 2	238.0439	0.95	1	1	20.227099
SU6_str	BOBJ1	463.0439	After	Right Exterior Girder	238.0439	0.95	1	1	26.149951
SU6_str	BOBJ1	465	Before	Left Exterior Girder	240	0.95	1	1	26.098433
SU6_str	BOBJ1	465	Before	Interior Girder 1	240	0.95	1	1	20.182738
SU6_str	BOBJ1	465	Before	Interior Girder 2	240	0.95	1	1	20.182737
SU6_str	BOBJ1	465	Before	Right Exterior Girder	240	0.95	1	1	26.098433
SU6_str	BOBJ1	465	After	Left Exterior Girder	240	0.95	1	1	26.636483
SU6_str	BOBJ1	465	After	Interior Girder 1	240	0.95	1	1	20.179438
SU6_str	BOBJ1	465	After	Interior Girder 2	240	0.95	1	1	20.179438
SU6_str	BOBJ1	465	After	Right Exterior Girder	240	0.95	1	1	26.636483
SU6_str	BOBJ1	476.4	Before	Left Exterior Girder	251.4	0.95	1	1	25.341465
SU6_str	BOBJ1	476.4	Before	Interior Girder 1	251.4	0.95	1	1	18.721956
SU6_str	BOBJ1	476.4	Before	Interior Girder 2	251.4	0.95	1	1	18.721955
SU6_str	BOBJ1	476.4	Before	Right Exterior Girder	251.4	0.95	1	1	25.341465
SU6_str	BOBJ1	476.4	After	Left Exterior Girder	251.4	0.95	1	1	24.609325
SU6_str	BOBJ1	476.4	After	Interior Girder 1	251.4	0.95	1	1	19.677858
SU6_str	BOBJ1	476.4	After	Interior Girder 2	251.4	0.95	1	1	19.677859
SU6_str	BOBJ1	476.4	After	Right Exterior Girder	251.4	0.95	1	1	24.609325
SU6_str	BOBJ1	487.85	Before	Left Exterior Girder	262.85	0.95	1	1	23.448869
SU6_str	BOBJ1	487.85	Before	Interior Girder 1	262.85	0.95	1	1	18.156343
SU6_str	BOBJ1	487.85	Before	Interior Girder 2	262.85	0.95	1	1	18.156344
SU6_str	BOBJ1	487.85	Before	Right Exterior Girder	262.85	0.95	1	1	23.448869
SU6_str	BOBJ1	487.85	After	Left Exterior Girder	262.85	0.95	1	1	22.965662
SU6_str	BOBJ1	487.85	After	Interior Girder 1	262.85	0.95	1	1	17.339209
SU6_str	BOBJ1	487.85	After	Interior Girder 2	262.85	0.95	1	1	17.339211
SU6_str	BOBJ1	487.85	After	Right Exterior Girder	262.85	0.95	1	1	22.965662
SU6_str	BOBJ1	496.3126	Before	Left Exterior Girder	271.3126	0.95	1	1	22.762011
SU6_str	BOBJ1	496.3126	Before	Interior Girder 1	271.3126	0.95	1	1	17.166924
SU6_str	BOBJ1	496.3126	Before	Interior Girder 2	271.3126	0.95	1	1	17.166925
SU6_str	BOBJ1	496.3126	Before	Right Exterior Girder	271.3126	0.95	1	1	22.76201
SU6_str	BOBJ1	496.3126	After	Left Exterior Girder	271.3126	0.95	1	1	34.496921
SU6_str	BOBJ1	496.3126	After	Interior Girder 1	271.3126	0.95	1	1	24.529774
SU6_str	BOBJ1	496.3126	After	Interior Girder 2	271.3126	0.95	1	1	24.529776
SU6_str	BOBJ1	496.3126	After	Right Exterior Girder	271.3126	0.95	1	1	34.496921
SU6_str	BOBJ1	499.3	Before	Left Exterior Girder	274.3	0.95	1	1	34.411847
SU6_str	BOBJ1	499.3	Before	Interior Girder 1	274.3	0.95	1	1	24.46341
SU6_str	BOBJ1	499.3	Before	Interior Girder 2	274.3	0.95	1	1	24.463411
SU6_str	BOBJ1	499.3	Before	Right Exterior Girder	274.3	0.95	1	1	34.411847
SU6_str	BOBJ1	499.3	After	Left Exterior Girder	274.3	0.95	1	1	34.049474
SU6_str	BOBJ1	499.3	After	Interior Girder 1	274.3	0.95	1	1	25.202896
SU6_str	BOBJ1	499.3	After	Interior Girder 2	274.3	0.95	1	1	25.202898
SU6_str	BOBJ1	499.3	After	Right Exterior Girder	274.3	0.95	1	1	34.049472
SU6_str	BOBJ1	503.8969	Before	Left Exterior Girder	278.8969	0.95	1	1	33.919698
SU6_str	BOBJ1	503.8969	Before	Interior Girder 1	278.8969	0.95	1	1	25.097361
SU6_str	BOBJ1	503.8969	Before	Interior Girder 2	278.8969	0.95	1	1	25.097363
SU6_str	BOBJ1	503.8969	Before	Right Exterior Girder	278.8969	0.95	1	1	33.919696
SU6_str	BOBJ1	503.8969	After	Left Exterior Girder	278.8969	0.95	1	1	54.013076
SU6_str	BOBJ1	503.8969	After	Interior Girder 1	278.8969	0.95	1	1	38.822401
SU6_str	BOBJ1	503.8969	After	Interior Girder 2	278.8969	0.95	1	1	38.822403
SU6_str	BOBJ1	503.8969	After	Right Exterior Girder	278.8969	0.95	1	1	54.013072
SU6_str	BOBJ1	510.7	Before	Left Exterior Girder	285.7	0.95	1	1	53.771902
SU6_str	BOBJ1	510.7	Before	Interior Girder 1	285.7	0.95	1	1	38.635482
SU6_str	BOBJ1	510.7	Before	Interior Girder 2	285.7	0.95	1	1	38.635484
SU6_str	BOBJ1	510.7	Before	Right Exterior Girder	285.7	0.95	1	1	53.771899
SU6_str	BOBJ1	510.7	After	Left Exterior Girder	285.7	0.95	1	1	50.062682
SU6_str	BOBJ1	510.7	After	Interior Girder 1	285.7	0.95	1	1	35.361321
SU6_str	BOBJ1	510.7	After	Interior Girder 2	285.7	0.95	1	1	35.361322
SU6_str	BOBJ1	510.7	After	Right Exterior Girder	285.7	0.95	1	1	50.06268
SU6_str	BOBJ1	511.4811	Before	Left Exterior Girder	286.4811	0.95	1	1	50.036792
SU6_str	BOBJ1	511.4811	Before	Interior Girder 1	286.4811	0.95	1	1	35.341727
SU6_str	BOBJ1	511.4811	Before	Interior Girder 2	286.4811	0.95	1	1	35.341728
SU6_str	BOBJ1	511.4811	Before	Right Exterior Girder	286.4811	0.95	1	1	50.03679
SU6_str	BOBJ1	511.4811	After	Left Exterior Girder	286.4811	0.95	1	1	70.048249
SU6_str	BOBJ1	511.4811	After	Interior Girder 1	286.4811	0.95	1	1	48.118254
SU6_str	BOBJ1	511.4811	After	Interior Girder 2	286.4811	0.95	1	1	48.118256
SU6_str	BOBJ1	511.4811	After	Right Exterior Girder	286.4811	0.95	1	1	70.048245

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Main Span Girders									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
SU6_str	BOBJ1	522.1	Before	Left Exterior Girder	297.1	0.95	1	1	69.610548
SU6_str	BOBJ1	522.1	Before	Interior Girder 1	297.1	0.95	1	1	47.797584
SU6_str	BOBJ1	522.1	Before	Interior Girder 2	297.1	0.95	1	1	47.797586
SU6_str	BOBJ1	522.1	Before	Right Exterior Girder	297.1	0.95	1	1	69.610544
SU6_str	BOBJ1	522.1	After	Left Exterior Girder	297.1	0.95	1	1	66.903698
SU6_str	BOBJ1	522.1	After	Interior Girder 1	297.1	0.95	1	1	44.17589
SU6_str	BOBJ1	522.1	After	Interior Girder 2	297.1	0.95	1	1	44.175889
SU6_str	BOBJ1	522.1	After	Right Exterior Girder	297.1	0.95	1	1	66.903697
SU6_str	BOBJ1	530.4918	Before	Left Exterior Girder	305.4918	0.95	1	1	66.570488
SU6_str	BOBJ1	530.4918	Before	Interior Girder 1	305.4918	0.95	1	1	43.941203
SU6_str	BOBJ1	530.4918	Before	Interior Girder 2	305.4918	0.95	1	1	43.941203
SU6_str	BOBJ1	530.4918	Before	Right Exterior Girder	305.4918	0.95	1	1	66.570487
SU6_str	BOBJ1	530.4918	After	Left Exterior Girder	305.4918	0.95	1	1	81.181499
SU6_str	BOBJ1	530.4918	After	Interior Girder 1	305.4918	0.95	1	1	51.123052
SU6_str	BOBJ1	530.4918	After	Interior Girder 2	305.4918	0.95	1	1	51.123051
SU6_str	BOBJ1	530.4918	After	Right Exterior Girder	305.4918	0.95	1	1	81.181498
SU6_str	BOBJ1	533.55	Before	Left Exterior Girder	308.55	0.95	1	1	81.044665
SU6_str	BOBJ1	533.55	Before	Interior Girder 1	308.55	0.95	1	1	51.031913
SU6_str	BOBJ1	533.55	Before	Interior Girder 2	308.55	0.95	1	1	51.031913
SU6_str	BOBJ1	533.55	Before	Right Exterior Girder	308.55	0.95	1	1	81.044664
SU6_str	BOBJ1	533.55	After	Left Exterior Girder	308.55	0.95	1	1	81.117084
SU6_str	BOBJ1	533.55	After	Interior Girder 1	308.55	0.95	1	1	50.371568
SU6_str	BOBJ1	533.55	After	Interior Girder 2	308.55	0.95	1	1	50.371568
SU6_str	BOBJ1	533.55	After	Right Exterior Girder	308.55	0.95	1	1	81.117083
SU6_str	BOBJ1	545	Before	Left Exterior Girder	320	0.95	1	1	79.431077
SU6_str	BOBJ1	545	Before	Interior Girder 1	320	0.95	1	1	47.380182
SU6_str	BOBJ1	545	Before	Interior Girder 2	320	0.95	1	1	47.380182
SU6_str	BOBJ1	545	Before	Right Exterior Girder	320	0.95	1	1	79.431076
SU6_str	BOBJ1	545	After	Left Exterior Girder	0	0.95	1	1	83.995145
SU6_str	BOBJ1	545	After	Interior Girder 1	0	0.95	1	1	50.314358
SU6_str	BOBJ1	545	After	Interior Girder 2	0	0.95	1	1	50.314359
SU6_str	BOBJ1	545	After	Right Exterior Girder	0	0.95	1	1	83.995144
SU6_str	BOBJ1	556.25	Before	Left Exterior Girder	11.25	0.95	1	1	84.515015
SU6_str	BOBJ1	556.25	Before	Interior Girder 1	11.25	0.95	1	1	50.644097
SU6_str	BOBJ1	556.25	Before	Interior Girder 2	11.25	0.95	1	1	50.644097
SU6_str	BOBJ1	556.25	Before	Right Exterior Girder	11.25	0.95	1	1	84.515015
SU6_str	BOBJ1	556.25	After	Left Exterior Girder	11.25	0.95	1	1	84.497804
SU6_str	BOBJ1	556.25	After	Interior Girder 1	11.25	0.95	1	1	51.860158
SU6_str	BOBJ1	556.25	After	Interior Girder 2	11.25	0.95	1	1	51.860158
SU6_str	BOBJ1	556.25	After	Right Exterior Girder	11.25	0.95	1	1	84.497803
SU6_str	BOBJ1	559.4358	Before	Left Exterior Girder	14.4358	0.95	1	1	84.644875
SU6_str	BOBJ1	559.4358	Before	Interior Girder 1	14.4358	0.95	1	1	51.955682
SU6_str	BOBJ1	559.4358	Before	Interior Girder 2	14.4358	0.95	1	1	51.955682
SU6_str	BOBJ1	559.4358	Before	Right Exterior Girder	14.4358	0.95	1	1	84.644874
SU6_str	BOBJ1	559.4358	After	Left Exterior Girder	14.4358	0.95	1	1	69.750121
SU6_str	BOBJ1	559.4358	After	Interior Girder 1	14.4358	0.95	1	1	44.739411
SU6_str	BOBJ1	559.4358	After	Interior Girder 2	14.4358	0.95	1	1	44.739411
SU6_str	BOBJ1	559.4358	After	Right Exterior Girder	14.4358	0.95	1	1	69.75012
SU6_str	BOBJ1	567.5	Before	Left Exterior Girder	22.5	0.95	1	1	70.08126
SU6_str	BOBJ1	567.5	Before	Interior Girder 1	22.5	0.95	1	1	44.966151
SU6_str	BOBJ1	567.5	Before	Interior Girder 2	22.5	0.95	1	1	44.966151
SU6_str	BOBJ1	567.5	Before	Right Exterior Girder	22.5	0.95	1	1	70.081259
SU6_str	BOBJ1	567.5	After	Left Exterior Girder	22.5	0.95	1	1	69.597655
SU6_str	BOBJ1	567.5	After	Interior Girder 1	22.5	0.95	1	1	44.533207
SU6_str	BOBJ1	567.5	After	Interior Girder 2	22.5	0.95	1	1	44.533207
SU6_str	BOBJ1	567.5	After	Right Exterior Girder	22.5	0.95	1	1	69.597654
SU6_str	BOBJ1	570.0586	Before	Left Exterior Girder	25.0586	0.95	1	1	69.701888
SU6_str	BOBJ1	570.0586	Before	Interior Girder 1	25.0586	0.95	1	1	44.604325
SU6_str	BOBJ1	570.0586	Before	Interior Girder 2	25.0586	0.95	1	1	44.604325
SU6_str	BOBJ1	570.0586	Before	Right Exterior Girder	25.0586	0.95	1	1	69.701888
SU6_str	BOBJ1	570.0586	After	Left Exterior Girder	25.0586	0.95	1	1	54.595536
SU6_str	BOBJ1	570.0586	After	Interior Girder 1	25.0586	0.95	1	1	36.964046
SU6_str	BOBJ1	570.0586	After	Interior Girder 2	25.0586	0.95	1	1	36.964046
SU6_str	BOBJ1	570.0586	After	Right Exterior Girder	25.0586	0.95	1	1	54.595536
SU6_str	BOBJ1	578.75	Before	Left Exterior Girder	33.75	0.95	1	1	54.905815
SU6_str	BOBJ1	578.75	Before	Interior Girder 1	33.75	0.95	1	1	37.190816
SU6_str	BOBJ1	578.75	Before	Interior Girder 2	33.75	0.95	1	1	37.190816
SU6_str	BOBJ1	578.75	Before	Right Exterior Girder	33.75	0.95	1	1	54.905815

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Main Span Girders									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
SU6_str	BOBJ1	578.75	After	Left Exterior Girder	33.75	0.95	1	1	56.457633
SU6_str	BOBJ1	578.75	After	Interior Girder 1	33.75	0.95	1	1	40.382732
SU6_str	BOBJ1	578.75	After	Interior Girder 2	33.75	0.95	1	1	40.382732
SU6_str	BOBJ1	578.75	After	Right Exterior Girder	33.75	0.95	1	1	56.457633
SU6_str	BOBJ1	586.8142	Before	Left Exterior Girder	41.8142	0.95	1	1	56.753099
SU6_str	BOBJ1	586.8142	Before	Interior Girder 1	41.8142	0.95	1	1	40.61081
SU6_str	BOBJ1	586.8142	Before	Interior Girder 2	41.8142	0.95	1	1	40.61081
SU6_str	BOBJ1	586.8142	Before	Right Exterior Girder	41.8142	0.95	1	1	56.753098
SU6_str	BOBJ1	586.8142	After	Left Exterior Girder	41.8142	0.95	1	1	35.550982
SU6_str	BOBJ1	586.8142	After	Interior Girder 1	41.8142	0.95	1	1	25.941676
SU6_str	BOBJ1	586.8142	After	Interior Girder 2	41.8142	0.95	1	1	25.941676
SU6_str	BOBJ1	586.8142	After	Right Exterior Girder	41.8142	0.95	1	1	35.550981
SU6_str	BOBJ1	590	Before	Left Exterior Girder	45	0.95	1	1	35.642842
SU6_str	BOBJ1	590	Before	Interior Girder 1	45	0.95	1	1	26.015313
SU6_str	BOBJ1	590	Before	Interior Girder 2	45	0.95	1	1	26.015313
SU6_str	BOBJ1	590	Before	Right Exterior Girder	45	0.95	1	1	35.642841
SU6_str	BOBJ1	590	After	Left Exterior Girder	45	0.95	1	1	38.081567
SU6_str	BOBJ1	590	After	Interior Girder 1	45	0.95	1	1	28.206532
SU6_str	BOBJ1	590	After	Interior Girder 2	45	0.95	1	1	28.206532
SU6_str	BOBJ1	590	After	Right Exterior Girder	45	0.95	1	1	38.081566
SU6_str	BOBJ1	601.25	Before	Left Exterior Girder	56.25	0.95	1	1	38.426558
SU6_str	BOBJ1	601.25	Before	Interior Girder 1	56.25	0.95	1	1	28.487758
SU6_str	BOBJ1	601.25	Before	Interior Girder 2	56.25	0.95	1	1	28.487758
SU6_str	BOBJ1	601.25	Before	Right Exterior Girder	56.25	0.95	1	1	38.426558
SU6_str	BOBJ1	601.25	After	Left Exterior Girder	56.25	0.95	1	1	36.48662
SU6_str	BOBJ1	601.25	After	Interior Girder 1	56.25	0.95	1	1	29.885585
SU6_str	BOBJ1	601.25	After	Interior Girder 2	56.25	0.95	1	1	29.885585
SU6_str	BOBJ1	601.25	After	Right Exterior Girder	56.25	0.95	1	1	36.48662
SU6_str	BOBJ1	601.7478	Before	Left Exterior Girder	56.7478	0.95	1	1	36.501177
SU6_str	BOBJ1	601.7478	Before	Interior Girder 1	56.7478	0.95	1	1	29.898535
SU6_str	BOBJ1	601.7478	Before	Interior Girder 2	56.7478	0.95	1	1	29.898535
SU6_str	BOBJ1	601.7478	Before	Right Exterior Girder	56.7478	0.95	1	1	36.501177
SU6_str	BOBJ1	601.7478	After	Left Exterior Girder	56.7478	0.95	1	1	26.16721
SU6_str	BOBJ1	601.7478	After	Interior Girder 1	56.7478	0.95	1	1	20.665714
SU6_str	BOBJ1	601.7478	After	Interior Girder 2	56.7478	0.95	1	1	20.665714
SU6_str	BOBJ1	601.7478	After	Right Exterior Girder	56.7478	0.95	1	1	26.16721
SU6_str	BOBJ1	612.5	Before	Left Exterior Girder	67.5	0.95	1	1	26.448634
SU6_str	BOBJ1	612.5	Before	Interior Girder 1	67.5	0.95	1	1	20.91534
SU6_str	BOBJ1	612.5	Before	Interior Girder 2	67.5	0.95	1	1	20.91534
SU6_str	BOBJ1	612.5	Before	Right Exterior Girder	67.5	0.95	1	1	26.448634
SU6_str	BOBJ1	612.5	After	Left Exterior Girder	67.5	0.95	1	1	28.582467
SU6_str	BOBJ1	612.5	After	Interior Girder 1	67.5	0.95	1	1	21.537343
SU6_str	BOBJ1	612.5	After	Interior Girder 2	67.5	0.95	1	1	21.537343
SU6_str	BOBJ1	612.5	After	Right Exterior Girder	67.5	0.95	1	1	28.582467
SU6_str	BOBJ1	623.75	Before	Left Exterior Girder	78.75	0.95	1	1	28.898205
SU6_str	BOBJ1	623.75	Before	Interior Girder 1	78.75	0.95	1	1	21.804556
SU6_str	BOBJ1	623.75	Before	Interior Girder 2	78.75	0.95	1	1	21.804556
SU6_str	BOBJ1	623.75	Before	Right Exterior Girder	78.75	0.95	1	1	28.898206
SU6_str	BOBJ1	623.75	After	Left Exterior Girder	78.75	0.95	1	1	31.18926
SU6_str	BOBJ1	623.75	After	Interior Girder 1	78.75	0.95	1	1	24.466712
SU6_str	BOBJ1	623.75	After	Interior Girder 2	78.75	0.95	1	1	24.466712
SU6_str	BOBJ1	623.75	After	Right Exterior Girder	78.75	0.95	1	1	31.18926
SU6_str	BOBJ1	635	Before	Left Exterior Girder	90	0.95	1	1	31.528017
SU6_str	BOBJ1	635	Before	Interior Girder 1	90	0.95	1	1	24.765123
SU6_str	BOBJ1	635	Before	Interior Girder 2	90	0.95	1	1	24.765122
SU6_str	BOBJ1	635	Before	Right Exterior Girder	90	0.95	1	1	31.528018
SU6_str	BOBJ1	635	After	Left Exterior Girder	90	0.95	1	1	34.184618
SU6_str	BOBJ1	635	After	Interior Girder 1	90	0.95	1	1	23.884578
SU6_str	BOBJ1	635	After	Interior Girder 2	90	0.95	1	1	23.884577
SU6_str	BOBJ1	635	After	Right Exterior Girder	90	0.95	1	1	34.18462
SU6_str	BOBJ1	643.5619	Before	Left Exterior Girder	98.5619	0.95	1	1	34.462179
SU6_str	BOBJ1	643.5619	Before	Interior Girder 1	98.5619	0.95	1	1	24.102415
SU6_str	BOBJ1	643.5619	Before	Interior Girder 2	98.5619	0.95	1	1	24.102413
SU6_str	BOBJ1	643.5619	Before	Right Exterior Girder	98.5619	0.95	1	1	34.462181
SU6_str	BOBJ1	643.5619	After	Left Exterior Girder	98.5619	0.95	1	1	57.516263
SU6_str	BOBJ1	643.5619	After	Interior Girder 1	98.5619	0.95	1	1	40.168071
SU6_str	BOBJ1	643.5619	After	Interior Girder 2	98.5619	0.95	1	1	40.168069
SU6_str	BOBJ1	643.5619	After	Right Exterior Girder	98.5619	0.95	1	1	57.516266

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Main Span Girders									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
SU6_str	BOBJ1	646.25	Before	Left Exterior Girder	101.25	0.95	1	1	57.625882
SU6_str	BOBJ1	646.25	Before	Interior Girder 1	101.25	0.95	1	1	40.252127
SU6_str	BOBJ1	646.25	Before	Interior Girder 2	101.25	0.95	1	1	40.252125
SU6_str	BOBJ1	646.25	Before	Right Exterior Girder	101.25	0.95	1	1	57.625884
SU6_str	BOBJ1	646.25	After	Left Exterior Girder	101.25	0.95	1	1	64.009368
SU6_str	BOBJ1	646.25	After	Interior Girder 1	101.25	0.95	1	1	46.403233
SU6_str	BOBJ1	646.25	After	Interior Girder 2	101.25	0.95	1	1	46.40323
SU6_str	BOBJ1	646.25	After	Right Exterior Girder	101.25	0.95	1	1	64.00937
SU6_str	BOBJ1	657.5	Before	Left Exterior Girder	112.5	0.95	1	1	64.517556
SU6_str	BOBJ1	657.5	Before	Interior Girder 1	112.5	0.95	1	1	46.808357
SU6_str	BOBJ1	657.5	Before	Interior Girder 2	112.5	0.95	1	1	46.808355
SU6_str	BOBJ1	657.5	Before	Right Exterior Girder	112.5	0.95	1	1	64.517558
SU6_str	BOBJ1	657.5	After	Left Exterior Girder	112.5	0.95	1	1	73.341626
SU6_str	BOBJ1	657.5	After	Interior Girder 1	112.5	0.95	1	1	46.249295
SU6_str	BOBJ1	657.5	After	Interior Girder 2	112.5	0.95	1	1	46.249302
SU6_str	BOBJ1	657.5	After	Right Exterior Girder	112.5	0.95	1	1	73.341619
SU6_str	BOBJ1	668.75	Before	Left Exterior Girder	123.75	0.95	1	1	73.916576
SU6_str	BOBJ1	668.75	Before	Interior Girder 1	123.75	0.95	1	1	46.648177
SU6_str	BOBJ1	668.75	Before	Interior Girder 2	123.75	0.95	1	1	46.648183
SU6_str	BOBJ1	668.75	Before	Right Exterior Girder	123.75	0.95	1	1	73.91657
SU6_str	BOBJ1	668.75	After	Left Exterior Girder	123.75	0.95	1	1	84.117896
SU6_str	BOBJ1	668.75	After	Interior Girder 1	123.75	0.95	1	1	53.19611
SU6_str	BOBJ1	668.75	After	Interior Girder 2	123.75	0.95	1	1	53.196118
SU6_str	BOBJ1	668.75	After	Right Exterior Girder	123.75	0.95	1	1	84.117886
SU6_str	BOBJ1	680	Before	Left Exterior Girder	135	0.95	1	1	84.769964
SU6_str	BOBJ1	680	Before	Interior Girder 1	135	0.95	1	1	53.649751
SU6_str	BOBJ1	680	Before	Interior Girder 2	135	0.95	1	1	53.649759
SU6_str	BOBJ1	680	Before	Right Exterior Girder	135	0.95	1	1	84.769954
SU6_str	BOBJ1	680	After	Left Exterior Girder	135	0.95	1	1	96.334268
SU6_str	BOBJ1	680	After	Interior Girder 1	135	0.95	1	1	52.901314
SU6_str	BOBJ1	680	After	Interior Girder 2	135	0.95	1	1	52.901312
SU6_str	BOBJ1	680	After	Right Exterior Girder	135	0.95	1	1	96.334276
SU6_str	BOBJ1	691.25	Before	Left Exterior Girder	146.25	0.95	1	1	95.619392
SU6_str	BOBJ1	691.25	Before	Interior Girder 1	146.25	0.95	1	1	53.347115
SU6_str	BOBJ1	691.25	Before	Interior Girder 2	146.25	0.95	1	1	53.347112
SU6_str	BOBJ1	691.25	Before	Right Exterior Girder	146.25	0.95	1	1	95.619399
SU6_str	BOBJ1	691.25	After	Left Exterior Girder	146.25	0.95	1	1	83.376377
SU6_str	BOBJ1	691.25	After	Interior Girder 1	146.25	0.95	1	1	51.557014
SU6_str	BOBJ1	691.25	After	Interior Girder 2	146.25	0.95	1	1	51.557017
SU6_str	BOBJ1	691.25	After	Right Exterior Girder	146.25	0.95	1	1	83.376377
SU6_str	BOBJ1	702.5	Before	Left Exterior Girder	157.5	0.95	1	1	82.75097
SU6_str	BOBJ1	702.5	Before	Interior Girder 1	157.5	0.95	1	1	51.131462
SU6_str	BOBJ1	702.5	Before	Interior Girder 2	157.5	0.95	1	1	51.131465
SU6_str	BOBJ1	702.5	Before	Right Exterior Girder	157.5	0.95	1	1	82.75097
SU6_str	BOBJ1	702.5	After	Left Exterior Girder	157.5	0.95	1	1	71.633186
SU6_str	BOBJ1	702.5	After	Interior Girder 1	157.5	0.95	1	1	51.80956
SU6_str	BOBJ1	702.5	After	Interior Girder 2	157.5	0.95	1	1	51.809562
SU6_str	BOBJ1	702.5	After	Right Exterior Girder	157.5	0.95	1	1	71.63318
SU6_str	BOBJ1	713.75	Before	Left Exterior Girder	168.75	0.95	1	1	71.089279
SU6_str	BOBJ1	713.75	Before	Interior Girder 1	168.75	0.95	1	1	51.376927
SU6_str	BOBJ1	713.75	Before	Interior Girder 2	168.75	0.95	1	1	51.376929
SU6_str	BOBJ1	713.75	Before	Right Exterior Girder	168.75	0.95	1	1	71.089273
SU6_str	BOBJ1	713.75	After	Left Exterior Girder	168.75	0.95	1	1	63.567625
SU6_str	BOBJ1	713.75	After	Interior Girder 1	168.75	0.95	1	1	45.024838
SU6_str	BOBJ1	713.75	After	Interior Girder 2	168.75	0.95	1	1	45.024838
SU6_str	BOBJ1	713.75	After	Right Exterior Girder	168.75	0.95	1	1	63.567623
SU6_str	BOBJ1	725	Before	Left Exterior Girder	180	0.95	1	1	63.079618
SU6_str	BOBJ1	725	Before	Interior Girder 1	180	0.95	1	1	44.644683
SU6_str	BOBJ1	725	Before	Interior Girder 2	180	0.95	1	1	44.644683
SU6_str	BOBJ1	725	Before	Right Exterior Girder	180	0.95	1	1	63.079616
SU6_str	BOBJ1	725	After	Left Exterior Girder	180	0.95	1	1	55.806354
SU6_str	BOBJ1	725	After	Interior Girder 1	180	0.95	1	1	43.606296
SU6_str	BOBJ1	725	After	Interior Girder 2	180	0.95	1	1	43.606293
SU6_str	BOBJ1	725	After	Right Exterior Girder	180	0.95	1	1	55.806361
SU6_str	BOBJ1	731.1726	Before	Left Exterior Girder	186.1726	0.95	1	1	55.568517
SU6_str	BOBJ1	731.1726	Before	Interior Girder 1	186.1726	0.95	1	1	43.402038
SU6_str	BOBJ1	731.1726	Before	Interior Girder 2	186.1726	0.95	1	1	43.402036
SU6_str	BOBJ1	731.1726	Before	Right Exterior Girder	186.1726	0.95	1	1	55.568523

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Main Span Girders									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
SU6_str	BOBJ1	731.1726	After	Left Exterior Girder	186.1726	0.95	1	1	32.284958
SU6_str	BOBJ1	731.1726	After	Interior Girder 1	186.1726	0.95	1	1	24.733563
SU6_str	BOBJ1	731.1726	After	Interior Girder 2	186.1726	0.95	1	1	24.733561
SU6_str	BOBJ1	731.1726	After	Right Exterior Girder	186.1726	0.95	1	1	32.284961
SU6_str	BOBJ1	736.25	Before	Left Exterior Girder	191.25	0.95	1	1	32.136108
SU6_str	BOBJ1	736.25	Before	Interior Girder 1	191.25	0.95	1	1	24.605594
SU6_str	BOBJ1	736.25	Before	Interior Girder 2	191.25	0.95	1	1	24.605592
SU6_str	BOBJ1	736.25	Before	Right Exterior Girder	191.25	0.95	1	1	32.136111
SU6_str	BOBJ1	736.25	After	Left Exterior Girder	191.25	0.95	1	1	31.091829
SU6_str	BOBJ1	736.25	After	Interior Girder 1	191.25	0.95	1	1	23.257551
SU6_str	BOBJ1	736.25	After	Interior Girder 2	191.25	0.95	1	1	23.257551
SU6_str	BOBJ1	736.25	After	Right Exterior Girder	191.25	0.95	1	1	31.091831
SU6_str	BOBJ1	747.5	Before	Left Exterior Girder	202.5	0.95	1	1	30.771575
SU6_str	BOBJ1	747.5	Before	Interior Girder 1	202.5	0.95	1	1	22.98859
SU6_str	BOBJ1	747.5	Before	Interior Girder 2	202.5	0.95	1	1	22.98859
SU6_str	BOBJ1	747.5	Before	Right Exterior Girder	202.5	0.95	1	1	30.771576
SU6_str	BOBJ1	747.5	After	Left Exterior Girder	202.5	0.95	1	1	27.742944
SU6_str	BOBJ1	747.5	After	Interior Girder 1	202.5	0.95	1	1	21.101057
SU6_str	BOBJ1	747.5	After	Interior Girder 2	202.5	0.95	1	1	21.101056
SU6_str	BOBJ1	747.5	After	Right Exterior Girder	202.5	0.95	1	1	27.742943
SU6_str	BOBJ1	758.75	Before	Left Exterior Girder	213.75	0.95	1	1	27.451845
SU6_str	BOBJ1	758.75	Before	Interior Girder 1	213.75	0.95	1	1	20.852808
SU6_str	BOBJ1	758.75	Before	Interior Girder 2	213.75	0.95	1	1	20.852807
SU6_str	BOBJ1	758.75	Before	Right Exterior Girder	213.75	0.95	1	1	27.451844
SU6_str	BOBJ1	758.75	After	Left Exterior Girder	213.75	0.95	1	1	25.409124
SU6_str	BOBJ1	758.75	After	Interior Girder 1	213.75	0.95	1	1	17.115402
SU6_str	BOBJ1	758.75	After	Interior Girder 2	213.75	0.95	1	1	17.1154
SU6_str	BOBJ1	758.75	After	Right Exterior Girder	213.75	0.95	1	1	25.409125
SU6_str	BOBJ1	770	Before	Left Exterior Girder	225	0.95	1	1	25.138131
SU6_str	BOBJ1	770	Before	Interior Girder 1	225	0.95	1	1	16.910689
SU6_str	BOBJ1	770	Before	Interior Girder 2	225	0.95	1	1	16.910688
SU6_str	BOBJ1	770	Before	Right Exterior Girder	225	0.95	1	1	25.138132
SU7_str	BOBJ1	0	After	Left Exterior Girder	0	0.95	1	1	22.91053
SU7_str	BOBJ1	0	After	Interior Girder 1	0	0.95	1	1	15.717633
SU7_str	BOBJ1	0	After	Interior Girder 2	0	0.95	1	1	15.717634
SU7_str	BOBJ1	0	After	Right Exterior Girder	0	0.95	1	1	22.910528
SU7_str	BOBJ1	11.25	Before	Left Exterior Girder	11.25	0.95	1	1	23.157508
SU7_str	BOBJ1	11.25	Before	Interior Girder 1	11.25	0.95	1	1	15.907903
SU7_str	BOBJ1	11.25	Before	Interior Girder 2	11.25	0.95	1	1	15.907904
SU7_str	BOBJ1	11.25	Before	Right Exterior Girder	11.25	0.95	1	1	23.157507
SU7_str	BOBJ1	11.25	After	Left Exterior Girder	11.25	0.95	1	1	25.032145
SU7_str	BOBJ1	11.25	After	Interior Girder 1	11.25	0.95	1	1	19.366935
SU7_str	BOBJ1	11.25	After	Interior Girder 2	11.25	0.95	1	1	19.366937
SU7_str	BOBJ1	11.25	After	Right Exterior Girder	11.25	0.95	1	1	25.032144
SU7_str	BOBJ1	22.5	Before	Left Exterior Girder	22.5	0.95	1	1	25.297585
SU7_str	BOBJ1	22.5	Before	Interior Girder 1	22.5	0.95	1	1	19.597496
SU7_str	BOBJ1	22.5	Before	Interior Girder 2	22.5	0.95	1	1	19.597498
SU7_str	BOBJ1	22.5	Before	Right Exterior Girder	22.5	0.95	1	1	25.297584
SU7_str	BOBJ1	22.5	After	Left Exterior Girder	22.5	0.95	1	1	28.076367
SU7_str	BOBJ1	22.5	After	Interior Girder 1	22.5	0.95	1	1	21.419365
SU7_str	BOBJ1	22.5	After	Interior Girder 2	22.5	0.95	1	1	21.419364
SU7_str	BOBJ1	22.5	After	Right Exterior Girder	22.5	0.95	1	1	28.076367
SU7_str	BOBJ1	33.75	Before	Left Exterior Girder	33.75	0.95	1	1	28.368571
SU7_str	BOBJ1	33.75	Before	Interior Girder 1	33.75	0.95	1	1	21.669967
SU7_str	BOBJ1	33.75	Before	Interior Girder 2	33.75	0.95	1	1	21.669966
SU7_str	BOBJ1	33.75	Before	Right Exterior Girder	33.75	0.95	1	1	28.368571
SU7_str	BOBJ1	33.75	After	Left Exterior Girder	33.75	0.95	1	1	29.381703
SU7_str	BOBJ1	33.75	After	Interior Girder 1	33.75	0.95	1	1	22.86809
SU7_str	BOBJ1	33.75	After	Interior Girder 2	33.75	0.95	1	1	22.868088
SU7_str	BOBJ1	33.75	After	Right Exterior Girder	33.75	0.95	1	1	29.381704
SU7_str	BOBJ1	38.8274	Before	Left Exterior Girder	38.8274	0.95	1	1	29.517794
SU7_str	BOBJ1	38.8274	Before	Interior Girder 1	38.8274	0.95	1	1	22.987022
SU7_str	BOBJ1	38.8274	Before	Interior Girder 2	38.8274	0.95	1	1	22.987021
SU7_str	BOBJ1	38.8274	Before	Right Exterior Girder	38.8274	0.95	1	1	29.517796
SU7_str	BOBJ1	38.8274	After	Left Exterior Girder	38.8274	0.95	1	1	50.887942
SU7_str	BOBJ1	38.8274	After	Interior Girder 1	38.8274	0.95	1	1	40.29038
SU7_str	BOBJ1	38.8274	After	Interior Girder 2	38.8274	0.95	1	1	40.290377
SU7_str	BOBJ1	38.8274	After	Right Exterior Girder	38.8274	0.95	1	1	50.887944

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Main Span Girders									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
SU7_str	BOBJ1	45	Before	Left Exterior Girder	45	0.95	1	1	51.105746
SU7_str	BOBJ1	45	Before	Interior Girder 1	45	0.95	1	1	40.479993
SU7_str	BOBJ1	45	Before	Interior Girder 2	45	0.95	1	1	40.47999
SU7_str	BOBJ1	45	Before	Right Exterior Girder	45	0.95	1	1	51.105748
SU7_str	BOBJ1	45	After	Left Exterior Girder	45	0.95	1	1	57.794179
SU7_str	BOBJ1	45	After	Interior Girder 1	45	0.95	1	1	41.607251
SU7_str	BOBJ1	45	After	Interior Girder 2	45	0.95	1	1	41.607246
SU7_str	BOBJ1	45	After	Right Exterior Girder	45	0.95	1	1	57.794181
SU7_str	BOBJ1	56.25	Before	Left Exterior Girder	56.25	0.95	1	1	58.241296
SU7_str	BOBJ1	56.25	Before	Interior Girder 1	56.25	0.95	1	1	41.961542
SU7_str	BOBJ1	56.25	Before	Interior Girder 2	56.25	0.95	1	1	41.961537
SU7_str	BOBJ1	56.25	Before	Right Exterior Girder	56.25	0.95	1	1	58.241298
SU7_str	BOBJ1	56.25	After	Left Exterior Girder	56.25	0.95	1	1	65.347651
SU7_str	BOBJ1	56.25	After	Interior Girder 1	56.25	0.95	1	1	47.844494
SU7_str	BOBJ1	56.25	After	Interior Girder 2	56.25	0.95	1	1	47.844489
SU7_str	BOBJ1	56.25	After	Right Exterior Girder	56.25	0.95	1	1	65.347653
SU7_str	BOBJ1	67.5	Before	Left Exterior Girder	67.5	0.95	1	1	65.847628
SU7_str	BOBJ1	67.5	Before	Interior Girder 1	67.5	0.95	1	1	48.247382
SU7_str	BOBJ1	67.5	Before	Interior Girder 2	67.5	0.95	1	1	48.247376
SU7_str	BOBJ1	67.5	Before	Right Exterior Girder	67.5	0.95	1	1	65.84763
SU7_str	BOBJ1	67.5	After	Left Exterior Girder	67.5	0.95	1	1	76.162604
SU7_str	BOBJ1	67.5	After	Interior Girder 1	67.5	0.95	1	1	47.771864
SU7_str	BOBJ1	67.5	After	Interior Girder 2	67.5	0.95	1	1	47.771867
SU7_str	BOBJ1	67.5	After	Right Exterior Girder	67.5	0.95	1	1	76.162586
SU7_str	BOBJ1	78.75	Before	Left Exterior Girder	78.75	0.95	1	1	76.738218
SU7_str	BOBJ1	78.75	Before	Interior Girder 1	78.75	0.95	1	1	48.169455
SU7_str	BOBJ1	78.75	Before	Interior Girder 2	78.75	0.95	1	1	48.169458
SU7_str	BOBJ1	78.75	Before	Right Exterior Girder	78.75	0.95	1	1	76.7382
SU7_str	BOBJ1	78.75	After	Left Exterior Girder	78.75	0.95	1	1	88.377519
SU7_str	BOBJ1	78.75	After	Interior Girder 1	78.75	0.95	1	1	50.023712
SU7_str	BOBJ1	78.75	After	Interior Girder 2	78.75	0.95	1	1	50.023706
SU7_str	BOBJ1	78.75	After	Right Exterior Girder	78.75	0.95	1	1	88.377496
SU7_str	BOBJ1	90	Before	Left Exterior Girder	90	0.95	1	1	89.038254
SU7_str	BOBJ1	90	Before	Interior Girder 1	90	0.95	1	1	49.605683
SU7_str	BOBJ1	90	Before	Interior Girder 2	90	0.95	1	1	49.605678
SU7_str	BOBJ1	90	Before	Right Exterior Girder	90	0.95	1	1	89.03823
SU7_str	BOBJ1	90	After	Left Exterior Girder	90	0.95	1	1	78.33814
SU7_str	BOBJ1	90	After	Interior Girder 1	90	0.95	1	1	50.041148
SU7_str	BOBJ1	90	After	Interior Girder 2	90	0.95	1	1	50.041137
SU7_str	BOBJ1	90	After	Right Exterior Girder	90	0.95	1	1	78.338148
SU7_str	BOBJ1	101.25	Before	Left Exterior Girder	101.25	0.95	1	1	77.735547
SU7_str	BOBJ1	101.25	Before	Interior Girder 1	101.25	0.95	1	1	49.61802
SU7_str	BOBJ1	101.25	Before	Interior Girder 2	101.25	0.95	1	1	49.618009
SU7_str	BOBJ1	101.25	Before	Right Exterior Girder	101.25	0.95	1	1	77.735555
SU7_str	BOBJ1	101.25	After	Left Exterior Girder	101.25	0.95	1	1	67.907488
SU7_str	BOBJ1	101.25	After	Interior Girder 1	101.25	0.95	1	1	43.488032
SU7_str	BOBJ1	101.25	After	Interior Girder 2	101.25	0.95	1	1	43.488024
SU7_str	BOBJ1	101.25	After	Right Exterior Girder	101.25	0.95	1	1	67.907492
SU7_str	BOBJ1	112.5	Before	Left Exterior Girder	112.5	0.95	1	1	67.379279
SU7_str	BOBJ1	112.5	Before	Interior Girder 1	112.5	0.95	1	1	43.116172
SU7_str	BOBJ1	112.5	Before	Interior Girder 2	112.5	0.95	1	1	43.116165
SU7_str	BOBJ1	112.5	Before	Right Exterior Girder	112.5	0.95	1	1	67.379283
SU7_str	BOBJ1	112.5	After	Left Exterior Girder	112.5	0.95	1	1	59.123589
SU7_str	BOBJ1	112.5	After	Interior Girder 1	112.5	0.95	1	1	43.469565
SU7_str	BOBJ1	112.5	After	Interior Girder 2	112.5	0.95	1	1	43.469567
SU7_str	BOBJ1	112.5	After	Right Exterior Girder	112.5	0.95	1	1	59.123586
SU7_str	BOBJ1	123.75	Before	Left Exterior Girder	123.75	0.95	1	1	58.657888
SU7_str	BOBJ1	123.75	Before	Interior Girder 1	123.75	0.95	1	1	43.093337
SU7_str	BOBJ1	123.75	Before	Interior Girder 2	123.75	0.95	1	1	43.093339
SU7_str	BOBJ1	123.75	Before	Right Exterior Girder	123.75	0.95	1	1	58.657885
SU7_str	BOBJ1	123.75	After	Left Exterior Girder	123.75	0.95	1	1	52.666689
SU7_str	BOBJ1	123.75	After	Interior Girder 1	123.75	0.95	1	1	37.272113
SU7_str	BOBJ1	123.75	After	Interior Girder 2	123.75	0.95	1	1	37.272115
SU7_str	BOBJ1	123.75	After	Right Exterior Girder	123.75	0.95	1	1	52.666685
SU7_str	BOBJ1	126.4381	Before	Left Exterior Girder	126.4381	0.95	1	1	52.566504
SU7_str	BOBJ1	126.4381	Before	Interior Girder 1	126.4381	0.95	1	1	37.194279
SU7_str	BOBJ1	126.4381	Before	Interior Girder 2	126.4381	0.95	1	1	37.194282
SU7_str	BOBJ1	126.4381	Before	Right Exterior Girder	126.4381	0.95	1	1	52.5665

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Main Span Girders									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
SU7_str	BOBJ1	126.4381	After	Left Exterior Girder	126.4381	0.95	1	1	31.439008
SU7_str	BOBJ1	126.4381	After	Interior Girder 1	126.4381	0.95	1	1	22.372782
SU7_str	BOBJ1	126.4381	After	Interior Girder 2	126.4381	0.95	1	1	22.372784
SU7_str	BOBJ1	126.4381	After	Right Exterior Girder	126.4381	0.95	1	1	31.439006
SU7_str	BOBJ1	135	Before	Left Exterior Girder	135	0.95	1	1	31.185796
SU7_str	BOBJ1	135	Before	Interior Girder 1	135	0.95	1	1	22.170578
SU7_str	BOBJ1	135	Before	Interior Girder 2	135	0.95	1	1	22.17058
SU7_str	BOBJ1	135	Before	Right Exterior Girder	135	0.95	1	1	31.185794
SU7_str	BOBJ1	135	After	Left Exterior Girder	135	0.95	1	1	28.731741
SU7_str	BOBJ1	135	After	Interior Girder 1	135	0.95	1	1	22.921091
SU7_str	BOBJ1	135	After	Interior Girder 2	135	0.95	1	1	22.921093
SU7_str	BOBJ1	135	After	Right Exterior Girder	135	0.95	1	1	28.73174
SU7_str	BOBJ1	146.25	Before	Left Exterior Girder	146.25	0.95	1	1	28.423029
SU7_str	BOBJ1	146.25	Before	Interior Girder 1	146.25	0.95	1	1	22.6449
SU7_str	BOBJ1	146.25	Before	Interior Girder 2	146.25	0.95	1	1	22.644902
SU7_str	BOBJ1	146.25	Before	Right Exterior Girder	146.25	0.95	1	1	28.423027
SU7_str	BOBJ1	146.25	After	Left Exterior Girder	146.25	0.95	1	1	26.287891
SU7_str	BOBJ1	146.25	After	Interior Girder 1	146.25	0.95	1	1	20.200984
SU7_str	BOBJ1	146.25	After	Interior Girder 2	146.25	0.95	1	1	20.200986
SU7_str	BOBJ1	146.25	After	Right Exterior Girder	146.25	0.95	1	1	26.28789
SU7_str	BOBJ1	157.5	Before	Left Exterior Girder	157.5	0.95	1	1	26.000672
SU7_str	BOBJ1	157.5	Before	Interior Girder 1	157.5	0.95	1	1	19.953423
SU7_str	BOBJ1	157.5	Before	Interior Girder 2	157.5	0.95	1	1	19.953425
SU7_str	BOBJ1	157.5	Before	Right Exterior Girder	157.5	0.95	1	1	26.000671
SU7_str	BOBJ1	157.5	After	Left Exterior Girder	157.5	0.95	1	1	24.021214
SU7_str	BOBJ1	157.5	After	Interior Girder 1	157.5	0.95	1	1	19.310092
SU7_str	BOBJ1	157.5	After	Interior Girder 2	157.5	0.95	1	1	19.310091
SU7_str	BOBJ1	157.5	After	Right Exterior Girder	157.5	0.95	1	1	24.021213
SU7_str	BOBJ1	168.2522	Before	Left Exterior Girder	168.2522	0.95	1	1	23.765618
SU7_str	BOBJ1	168.2522	Before	Interior Girder 1	168.2522	0.95	1	1	19.079625
SU7_str	BOBJ1	168.2522	Before	Interior Girder 2	168.2522	0.95	1	1	19.079624
SU7_str	BOBJ1	168.2522	Before	Right Exterior Girder	168.2522	0.95	1	1	23.765617
SU7_str	BOBJ1	168.2522	After	Left Exterior Girder	168.2522	0.95	1	1	32.259032
SU7_str	BOBJ1	168.2522	After	Interior Girder 1	168.2522	0.95	1	1	25.847996
SU7_str	BOBJ1	168.2522	After	Interior Girder 2	168.2522	0.95	1	1	25.847995
SU7_str	BOBJ1	168.2522	After	Right Exterior Girder	168.2522	0.95	1	1	32.259031
SU7_str	BOBJ1	168.75	Before	Left Exterior Girder	168.75	0.95	1	1	32.246166
SU7_str	BOBJ1	168.75	Before	Interior Girder 1	168.75	0.95	1	1	25.836801
SU7_str	BOBJ1	168.75	Before	Interior Girder 2	168.75	0.95	1	1	25.836799
SU7_str	BOBJ1	168.75	Before	Right Exterior Girder	168.75	0.95	1	1	32.246166
SU7_str	BOBJ1	168.75	After	Left Exterior Girder	168.75	0.95	1	1	34.935905
SU7_str	BOBJ1	168.75	After	Interior Girder 1	168.75	0.95	1	1	26.48418
SU7_str	BOBJ1	168.75	After	Interior Girder 2	168.75	0.95	1	1	26.484178
SU7_str	BOBJ1	168.75	After	Right Exterior Girder	168.75	0.95	1	1	34.935904
SU7_str	BOBJ1	180	Before	Left Exterior Girder	180	0.95	1	1	34.622252
SU7_str	BOBJ1	180	Before	Interior Girder 1	180	0.95	1	1	26.222733
SU7_str	BOBJ1	180	Before	Interior Girder 2	180	0.95	1	1	26.222731
SU7_str	BOBJ1	180	Before	Right Exterior Girder	180	0.95	1	1	34.622252
SU7_str	BOBJ1	180	After	Left Exterior Girder	180	0.95	1	1	32.30973
SU7_str	BOBJ1	180	After	Interior Girder 1	180	0.95	1	1	23.896076
SU7_str	BOBJ1	180	After	Interior Girder 2	180	0.95	1	1	23.896074
SU7_str	BOBJ1	180	After	Right Exterior Girder	180	0.95	1	1	32.309732
SU7_str	BOBJ1	183.1858	Before	Left Exterior Girder	183.1858	0.95	1	1	32.22646
SU7_str	BOBJ1	183.1858	Before	Interior Girder 1	183.1858	0.95	1	1	23.828437
SU7_str	BOBJ1	183.1858	Before	Interior Girder 2	183.1858	0.95	1	1	23.828435
SU7_str	BOBJ1	183.1858	Before	Right Exterior Girder	183.1858	0.95	1	1	32.226462
SU7_str	BOBJ1	183.1858	After	Left Exterior Girder	183.1858	0.95	1	1	51.397941
SU7_str	BOBJ1	183.1858	After	Interior Girder 1	183.1858	0.95	1	1	37.33623
SU7_str	BOBJ1	183.1858	After	Interior Girder 2	183.1858	0.95	1	1	37.336228
SU7_str	BOBJ1	183.1858	After	Right Exterior Girder	183.1858	0.95	1	1	51.397944
SU7_str	BOBJ1	191.25	Before	Left Exterior Girder	191.25	0.95	1	1	51.130355
SU7_str	BOBJ1	191.25	Before	Interior Girder 1	191.25	0.95	1	1	37.126542
SU7_str	BOBJ1	191.25	Before	Interior Girder 2	191.25	0.95	1	1	37.12654
SU7_str	BOBJ1	191.25	Before	Right Exterior Girder	191.25	0.95	1	1	51.130358
SU7_str	BOBJ1	191.25	After	Left Exterior Girder	191.25	0.95	1	1	49.676812
SU7_str	BOBJ1	191.25	After	Interior Girder 1	191.25	0.95	1	1	34.191335
SU7_str	BOBJ1	191.25	After	Interior Girder 2	191.25	0.95	1	1	34.191334
SU7_str	BOBJ1	191.25	After	Right Exterior Girder	191.25	0.95	1	1	49.676814

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Main Span Girders									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
SU7_str	BOBJ1	199.9414	Before	Left Exterior Girder	199.9414	0.95	1	1	49.396082
SU7_str	BOBJ1	199.9414	Before	Interior Girder 1	199.9414	0.95	1	1	33.982854
SU7_str	BOBJ1	199.9414	Before	Interior Girder 2	199.9414	0.95	1	1	33.982853
SU7_str	BOBJ1	199.9414	Before	Right Exterior Girder	199.9414	0.95	1	1	49.396085
SU7_str	BOBJ1	199.9414	After	Left Exterior Girder	199.9414	0.95	1	1	63.057996
SU7_str	BOBJ1	199.9414	After	Interior Girder 1	199.9414	0.95	1	1	40.843091
SU7_str	BOBJ1	199.9414	After	Interior Girder 2	199.9414	0.95	1	1	40.84309
SU7_str	BOBJ1	199.9414	After	Right Exterior Girder	199.9414	0.95	1	1	63.057998
SU7_str	BOBJ1	202.5	Before	Left Exterior Girder	202.5	0.95	1	1	62.963698
SU7_str	BOBJ1	202.5	Before	Interior Girder 1	202.5	0.95	1	1	40.77797
SU7_str	BOBJ1	202.5	Before	Interior Girder 2	202.5	0.95	1	1	40.777969
SU7_str	BOBJ1	202.5	Before	Right Exterior Girder	202.5	0.95	1	1	62.963701
SU7_str	BOBJ1	202.5	After	Left Exterior Girder	202.5	0.95	1	1	63.371887
SU7_str	BOBJ1	202.5	After	Interior Girder 1	202.5	0.95	1	1	41.145697
SU7_str	BOBJ1	202.5	After	Interior Girder 2	202.5	0.95	1	1	41.145696
SU7_str	BOBJ1	202.5	After	Right Exterior Girder	202.5	0.95	1	1	63.371889
SU7_str	BOBJ1	210.5642	Before	Left Exterior Girder	210.5642	0.95	1	1	63.072451
SU7_str	BOBJ1	210.5642	Before	Interior Girder 1	210.5642	0.95	1	1	40.938221
SU7_str	BOBJ1	210.5642	Before	Interior Girder 2	210.5642	0.95	1	1	40.93822
SU7_str	BOBJ1	210.5642	Before	Right Exterior Girder	210.5642	0.95	1	1	63.072453
SU7_str	BOBJ1	210.5642	After	Left Exterior Girder	210.5642	0.95	1	1	76.533219
SU7_str	BOBJ1	210.5642	After	Interior Girder 1	210.5642	0.95	1	1	47.405045
SU7_str	BOBJ1	210.5642	After	Interior Girder 2	210.5642	0.95	1	1	47.405044
SU7_str	BOBJ1	210.5642	After	Right Exterior Girder	210.5642	0.95	1	1	76.533221
SU7_str	BOBJ1	213.75	Before	Left Exterior Girder	213.75	0.95	1	1	76.400243
SU7_str	BOBJ1	213.75	Before	Interior Girder 1	213.75	0.95	1	1	47.317888
SU7_str	BOBJ1	213.75	Before	Interior Girder 2	213.75	0.95	1	1	47.317887
SU7_str	BOBJ1	213.75	Before	Right Exterior Girder	213.75	0.95	1	1	76.400245
SU7_str	BOBJ1	213.75	After	Left Exterior Girder	213.75	0.95	1	1	76.336229
SU7_str	BOBJ1	213.75	After	Interior Girder 1	213.75	0.95	1	1	46.270915
SU7_str	BOBJ1	213.75	After	Interior Girder 2	213.75	0.95	1	1	46.270915
SU7_str	BOBJ1	213.75	After	Right Exterior Girder	213.75	0.95	1	1	76.336231
SU7_str	BOBJ1	225	Before	Left Exterior Girder	225	0.95	1	1	75.866668
SU7_str	BOBJ1	225	Before	Interior Girder 1	225	0.95	1	1	45.96965
SU7_str	BOBJ1	225	Before	Interior Girder 2	225	0.95	1	1	45.96965
SU7_str	BOBJ1	225	Before	Right Exterior Girder	225	0.95	1	1	75.86667
SU7_str	BOBJ1	225	After	Left Exterior Girder	0	0.95	1	1	71.709873
SU7_str	BOBJ1	225	After	Interior Girder 1	0	0.95	1	1	43.235749
SU7_str	BOBJ1	225	After	Interior Girder 2	0	0.95	1	1	43.23575
SU7_str	BOBJ1	225	After	Right Exterior Girder	0	0.95	1	1	71.709872
SU7_str	BOBJ1	236.45	Before	Left Exterior Girder	11.45	0.95	1	1	73.192647
SU7_str	BOBJ1	236.45	Before	Interior Girder 1	11.45	0.95	1	1	45.939881
SU7_str	BOBJ1	236.45	Before	Interior Girder 2	11.45	0.95	1	1	45.939881
SU7_str	BOBJ1	236.45	Before	Right Exterior Girder	11.45	0.95	1	1	73.192646
SU7_str	BOBJ1	236.45	After	Left Exterior Girder	11.45	0.95	1	1	73.176877
SU7_str	BOBJ1	236.45	After	Interior Girder 1	11.45	0.95	1	1	46.549077
SU7_str	BOBJ1	236.45	After	Interior Girder 2	11.45	0.95	1	1	46.549077
SU7_str	BOBJ1	236.45	After	Right Exterior Girder	11.45	0.95	1	1	73.176876
SU7_str	BOBJ1	239.5082	Before	Left Exterior Girder	14.5082	0.95	1	1	73.300427
SU7_str	BOBJ1	239.5082	Before	Interior Girder 1	14.5082	0.95	1	1	46.632209
SU7_str	BOBJ1	239.5082	Before	Interior Girder 2	14.5082	0.95	1	1	46.632209
SU7_str	BOBJ1	239.5082	Before	Right Exterior Girder	14.5082	0.95	1	1	73.300426
SU7_str	BOBJ1	239.5082	After	Left Exterior Girder	14.5082	0.95	1	1	60.127247
SU7_str	BOBJ1	239.5082	After	Interior Girder 1	14.5082	0.95	1	1	40.148834
SU7_str	BOBJ1	239.5082	After	Interior Girder 2	14.5082	0.95	1	1	40.148834
SU7_str	BOBJ1	239.5082	After	Right Exterior Girder	14.5082	0.95	1	1	60.127246
SU7_str	BOBJ1	247.9	Before	Left Exterior Girder	22.9	0.95	1	1	60.428206
SU7_str	BOBJ1	247.9	Before	Interior Girder 1	22.9	0.95	1	1	40.363265
SU7_str	BOBJ1	247.9	Before	Interior Girder 2	22.9	0.95	1	1	40.363265
SU7_str	BOBJ1	247.9	Before	Right Exterior Girder	22.9	0.95	1	1	60.428206
SU7_str	BOBJ1	247.9	After	Left Exterior Girder	22.9	0.95	1	1	62.764457
SU7_str	BOBJ1	247.9	After	Interior Girder 1	22.9	0.95	1	1	43.605137
SU7_str	BOBJ1	247.9	After	Interior Girder 2	22.9	0.95	1	1	43.605137
SU7_str	BOBJ1	247.9	After	Right Exterior Girder	22.9	0.95	1	1	62.764455
SU7_str	BOBJ1	258.5189	Before	Left Exterior Girder	33.5189	0.95	1	1	63.15911
SU7_str	BOBJ1	258.5189	Before	Interior Girder 1	33.5189	0.95	1	1	43.89768
SU7_str	BOBJ1	258.5189	Before	Interior Girder 2	33.5189	0.95	1	1	43.897681
SU7_str	BOBJ1	258.5189	Before	Right Exterior Girder	33.5189	0.95	1	1	63.159109

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Main Span Girders

Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
SU7_str	BOBJ1	258.5189	After	Left Exterior Girder	33.5189	0.95	1	1	46.496253
SU7_str	BOBJ1	258.5189	After	Interior Girder 1	33.5189	0.95	1	1	34.825456
SU7_str	BOBJ1	258.5189	After	Interior Girder 2	33.5189	0.95	1	1	34.825457
SU7_str	BOBJ1	258.5189	After	Right Exterior Girder	33.5189	0.95	1	1	46.496252
SU7_str	BOBJ1	259.3	Before	Left Exterior Girder	34.3	0.95	1	1	46.520311
SU7_str	BOBJ1	259.3	Before	Interior Girder 1	34.3	0.95	1	1	34.844764
SU7_str	BOBJ1	259.3	Before	Interior Girder 2	34.3	0.95	1	1	34.844764
SU7_str	BOBJ1	259.3	Before	Right Exterior Girder	34.3	0.95	1	1	46.52031
SU7_str	BOBJ1	259.3	After	Left Exterior Girder	34.3	0.95	1	1	48.644414
SU7_str	BOBJ1	259.3	After	Interior Girder 1	34.3	0.95	1	1	35.488521
SU7_str	BOBJ1	259.3	After	Interior Girder 2	34.3	0.95	1	1	35.488522
SU7_str	BOBJ1	259.3	After	Right Exterior Girder	34.3	0.95	1	1	48.644413
SU7_str	BOBJ1	266.1031	Before	Left Exterior Girder	41.1031	0.95	1	1	48.86259
SU7_str	BOBJ1	266.1031	Before	Interior Girder 1	41.1031	0.95	1	1	35.660215
SU7_str	BOBJ1	266.1031	Before	Interior Girder 2	41.1031	0.95	1	1	35.660215
SU7_str	BOBJ1	266.1031	Before	Right Exterior Girder	41.1031	0.95	1	1	48.862589
SU7_str	BOBJ1	266.1031	After	Left Exterior Girder	41.1031	0.95	1	1	30.704347
SU7_str	BOBJ1	266.1031	After	Interior Girder 1	41.1031	0.95	1	1	23.056416
SU7_str	BOBJ1	266.1031	After	Interior Girder 2	41.1031	0.95	1	1	23.056417
SU7_str	BOBJ1	266.1031	After	Right Exterior Girder	41.1031	0.95	1	1	30.704346
SU7_str	BOBJ1	270.7	Before	Left Exterior Girder	45.7	0.95	1	1	30.821821
SU7_str	BOBJ1	270.7	Before	Interior Girder 1	45.7	0.95	1	1	23.153369
SU7_str	BOBJ1	270.7	Before	Interior Girder 2	45.7	0.95	1	1	23.15337
SU7_str	BOBJ1	270.7	Before	Right Exterior Girder	45.7	0.95	1	1	30.821821
SU7_str	BOBJ1	270.7	After	Left Exterior Girder	45.7	0.95	1	1	31.189495
SU7_str	BOBJ1	270.7	After	Interior Girder 1	45.7	0.95	1	1	22.525915
SU7_str	BOBJ1	270.7	After	Interior Girder 2	45.7	0.95	1	1	22.525916
SU7_str	BOBJ1	270.7	After	Right Exterior Girder	45.7	0.95	1	1	31.189493
SU7_str	BOBJ1	273.6874	Before	Left Exterior Girder	48.6874	0.95	1	1	31.266602
SU7_str	BOBJ1	273.6874	Before	Interior Girder 1	48.6874	0.95	1	1	22.587023
SU7_str	BOBJ1	273.6874	Before	Interior Girder 2	48.6874	0.95	1	1	22.587024
SU7_str	BOBJ1	273.6874	Before	Right Exterior Girder	48.6874	0.95	1	1	31.266601
SU7_str	BOBJ1	273.6874	After	Left Exterior Girder	48.6874	0.95	1	1	20.608055
SU7_str	BOBJ1	273.6874	After	Interior Girder 1	48.6874	0.95	1	1	15.789607
SU7_str	BOBJ1	273.6874	After	Interior Girder 2	48.6874	0.95	1	1	15.789607
SU7_str	BOBJ1	273.6874	After	Right Exterior Girder	48.6874	0.95	1	1	20.608054
SU7_str	BOBJ1	282.15	Before	Left Exterior Girder	57.15	0.95	1	1	20.792435
SU7_str	BOBJ1	282.15	Before	Interior Girder 1	57.15	0.95	1	1	15.94807
SU7_str	BOBJ1	282.15	Before	Interior Girder 2	57.15	0.95	1	1	15.94807
SU7_str	BOBJ1	282.15	Before	Right Exterior Girder	57.15	0.95	1	1	20.792434
SU7_str	BOBJ1	282.15	After	Left Exterior Girder	57.15	0.95	1	1	21.284351
SU7_str	BOBJ1	282.15	After	Interior Girder 1	57.15	0.95	1	1	16.738026
SU7_str	BOBJ1	282.15	After	Interior Girder 2	57.15	0.95	1	1	16.738027
SU7_str	BOBJ1	282.15	After	Right Exterior Girder	57.15	0.95	1	1	21.28435
SU7_str	BOBJ1	293.6	Before	Left Exterior Girder	68.6	0.95	1	1	22.299474
SU7_str	BOBJ1	293.6	Before	Interior Girder 1	68.6	0.95	1	1	18.031104
SU7_str	BOBJ1	293.6	Before	Interior Girder 2	68.6	0.95	1	1	18.031105
SU7_str	BOBJ1	293.6	Before	Right Exterior Girder	68.6	0.95	1	1	22.299473
SU7_str	BOBJ1	293.6	After	Left Exterior Girder	68.6	0.95	1	1	23.017467
SU7_str	BOBJ1	293.6	After	Interior Girder 1	68.6	0.95	1	1	17.285855
SU7_str	BOBJ1	293.6	After	Interior Girder 2	68.6	0.95	1	1	17.285855
SU7_str	BOBJ1	293.6	After	Right Exterior Girder	68.6	0.95	1	1	23.017469
SU7_str	BOBJ1	305	Before	Left Exterior Girder	80	0.95	1	1	24.177195
SU7_str	BOBJ1	305	Before	Interior Girder 1	80	0.95	1	1	18.581205
SU7_str	BOBJ1	305	Before	Interior Girder 2	80	0.95	1	1	18.581205
SU7_str	BOBJ1	305	Before	Right Exterior Girder	80	0.95	1	1	24.177197
SU7_str	BOBJ1	305	After	Left Exterior Girder	80	0.95	1	1	23.717058
SU7_str	BOBJ1	305	After	Interior Girder 1	80	0.95	1	1	18.594286
SU7_str	BOBJ1	305	After	Interior Girder 2	80	0.95	1	1	18.594286
SU7_str	BOBJ1	305	After	Right Exterior Girder	80	0.95	1	1	23.71706
SU7_str	BOBJ1	306.9561	Before	Left Exterior Girder	81.9561	0.95	1	1	23.763875
SU7_str	BOBJ1	306.9561	Before	Interior Girder 1	81.9561	0.95	1	1	18.635156
SU7_str	BOBJ1	306.9561	Before	Interior Girder 2	81.9561	0.95	1	1	18.635156
SU7_str	BOBJ1	306.9561	Before	Right Exterior Girder	81.9561	0.95	1	1	23.763877
SU7_str	BOBJ1	306.9561	After	Left Exterior Girder	81.9561	0.95	1	1	43.485314
SU7_str	BOBJ1	306.9561	After	Interior Girder 1	81.9561	0.95	1	1	34.797961
SU7_str	BOBJ1	306.9561	After	Interior Girder 2	81.9561	0.95	1	1	34.797961
SU7_str	BOBJ1	306.9561	After	Right Exterior Girder	81.9561	0.95	1	1	43.485317

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Main Span Girders									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
SU7_str	BOBJ1	316.4	Before	Left Exterior Girder	91.4	0.95	1	1	43.79807
SU7_str	BOBJ1	316.4	Before	Interior Girder 1	91.4	0.95	1	1	35.072255
SU7_str	BOBJ1	316.4	Before	Interior Girder 2	91.4	0.95	1	1	35.072255
SU7_str	BOBJ1	316.4	Before	Right Exterior Girder	91.4	0.95	1	1	43.798073
SU7_str	BOBJ1	316.4	After	Left Exterior Girder	91.4	0.95	1	1	45.536202
SU7_str	BOBJ1	316.4	After	Interior Girder 1	91.4	0.95	1	1	32.800521
SU7_str	BOBJ1	316.4	After	Interior Girder 2	91.4	0.95	1	1	32.800521
SU7_str	BOBJ1	316.4	After	Right Exterior Girder	91.4	0.95	1	1	45.536204
SU7_str	BOBJ1	327.85	Before	Left Exterior Girder	102.9679	0.95	1	1	47.887637
SU7_str	BOBJ1	327.85	Before	Interior Girder 1	102.9679	0.95	1	1	35.253258
SU7_str	BOBJ1	327.85	Before	Interior Girder 2	102.9679	0.95	1	1	35.253259
SU7_str	BOBJ1	327.85	Before	Right Exterior Girder	102.9679	0.95	1	1	47.887638
SU7_str	BOBJ1	327.85	After	Left Exterior Girder	102.9679	0.95	1	1	75.430935
SU7_str	BOBJ1	327.85	After	Interior Girder 1	102.9679	0.95	1	1	56.077197
SU7_str	BOBJ1	327.85	After	Interior Girder 2	102.9679	0.95	1	1	56.077198
SU7_str	BOBJ1	327.85	After	Right Exterior Girder	102.9679	0.95	1	1	75.430936
SU7_str	BOBJ1	339.3	Before	Left Exterior Girder	114.3	0.95	1	1	79.299484
SU7_str	BOBJ1	339.3	Before	Interior Girder 1	114.3	0.95	1	1	59.840485
SU7_str	BOBJ1	339.3	Before	Interior Girder 2	114.3	0.95	1	1	59.840486
SU7_str	BOBJ1	339.3	Before	Right Exterior Girder	114.3	0.95	1	1	79.299485
SU7_str	BOBJ1	339.3	After	Left Exterior Girder	114.3	0.95	1	1	82.839679
SU7_str	BOBJ1	339.3	After	Interior Girder 1	114.3	0.95	1	1	55.694132
SU7_str	BOBJ1	339.3	After	Interior Girder 2	114.3	0.95	1	1	55.694131
SU7_str	BOBJ1	339.3	After	Right Exterior Girder	114.3	0.95	1	1	82.839677
SU7_str	BOBJ1	350.7	Before	Left Exterior Girder	125.7	0.95	1	1	87.385294
SU7_str	BOBJ1	350.7	Before	Interior Girder 1	125.7	0.95	1	1	59.81925
SU7_str	BOBJ1	350.7	Before	Interior Girder 2	125.7	0.95	1	1	59.819248
SU7_str	BOBJ1	350.7	Before	Right Exterior Girder	125.7	0.95	1	1	87.385293
SU7_str	BOBJ1	350.7	After	Left Exterior Girder	125.7	0.95	1	1	90.532871
SU7_str	BOBJ1	350.7	After	Interior Girder 1	125.7	0.95	1	1	62.29187
SU7_str	BOBJ1	350.7	After	Interior Girder 2	125.7	0.95	1	1	62.291868
SU7_str	BOBJ1	350.7	After	Right Exterior Girder	125.7	0.95	1	1	90.53287
SU7_str	BOBJ1	362.1	Before	Left Exterior Girder	137.1	0.95	1	1	95.840121
SU7_str	BOBJ1	362.1	Before	Interior Girder 1	137.1	0.95	1	1	66.644234
SU7_str	BOBJ1	362.1	Before	Interior Girder 2	137.1	0.95	1	1	66.644234
SU7_str	BOBJ1	362.1	Before	Right Exterior Girder	137.1	0.95	1	1	95.84012
SU7_str	BOBJ1	362.1	After	Left Exterior Girder	137.1	0.95	1	1	101.158015
SU7_str	BOBJ1	362.1	After	Interior Girder 1	137.1	0.95	1	1	61.380158
SU7_str	BOBJ1	362.1	After	Interior Girder 2	137.1	0.95	1	1	61.380159
SU7_str	BOBJ1	362.1	After	Right Exterior Girder	137.1	0.95	1	1	101.158007
SU7_str	BOBJ1	373.55	Before	Left Exterior Girder	148.55	0.95	1	1	107.680776
SU7_str	BOBJ1	373.55	Before	Interior Girder 1	148.55	0.95	1	1	66.146272
SU7_str	BOBJ1	373.55	Before	Interior Girder 2	148.55	0.95	1	1	66.146272
SU7_str	BOBJ1	373.55	Before	Right Exterior Girder	148.55	0.95	1	1	107.680765
SU7_str	BOBJ1	373.55	After	Left Exterior Girder	148.55	0.95	1	1	112.483582
SU7_str	BOBJ1	373.55	After	Interior Girder 1	148.55	0.95	1	1	69.037435
SU7_str	BOBJ1	373.55	After	Interior Girder 2	148.55	0.95	1	1	69.037435
SU7_str	BOBJ1	373.55	After	Right Exterior Girder	148.55	0.95	1	1	112.483572
SU7_str	BOBJ1	385	Before	Left Exterior Girder	160	0.95	1	1	120.40162
SU7_str	BOBJ1	385	Before	Interior Girder 1	160	0.95	1	1	67.766189
SU7_str	BOBJ1	385	Before	Interior Girder 2	160	0.95	1	1	67.766187
SU7_str	BOBJ1	385	Before	Right Exterior Girder	160	0.95	1	1	120.401607
SU7_str	BOBJ1	385	After	Left Exterior Girder	160	0.95	1	1	120.401608
SU7_str	BOBJ1	385	After	Interior Girder 1	160	0.95	1	1	67.766183
SU7_str	BOBJ1	385	After	Interior Girder 2	160	0.95	1	1	67.766186
SU7_str	BOBJ1	385	After	Right Exterior Girder	160	0.95	1	1	120.401621
SU7_str	BOBJ1	396.45	Before	Left Exterior Girder	171.45	0.95	1	1	112.483572
SU7_str	BOBJ1	396.45	Before	Interior Girder 1	171.45	0.95	1	1	69.037438
SU7_str	BOBJ1	396.45	Before	Interior Girder 2	171.45	0.95	1	1	69.037437
SU7_str	BOBJ1	396.45	Before	Right Exterior Girder	171.45	0.95	1	1	112.483582
SU7_str	BOBJ1	396.45	After	Left Exterior Girder	171.45	0.95	1	1	107.680763
SU7_str	BOBJ1	396.45	After	Interior Girder 1	171.45	0.95	1	1	66.146275
SU7_str	BOBJ1	396.45	After	Interior Girder 2	171.45	0.95	1	1	66.146274
SU7_str	BOBJ1	396.45	After	Right Exterior Girder	171.45	0.95	1	1	107.680774
SU7_str	BOBJ1	407.9	Before	Left Exterior Girder	182.9	0.95	1	1	101.158005
SU7_str	BOBJ1	407.9	Before	Interior Girder 1	182.9	0.95	1	1	61.380163
SU7_str	BOBJ1	407.9	Before	Interior Girder 2	182.9	0.95	1	1	61.380161
SU7_str	BOBJ1	407.9	Before	Right Exterior Girder	182.9	0.95	1	1	101.158014

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Main Span Girders									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
SU7_str	BOBJ1	407.9	After	Left Exterior Girder	182.9	0.95	1	1	95.840112
SU7_str	BOBJ1	407.9	After	Interior Girder 1	182.9	0.95	1	1	66.64424
SU7_str	BOBJ1	407.9	After	Interior Girder 2	182.9	0.95	1	1	66.644237
SU7_str	BOBJ1	407.9	After	Right Exterior Girder	182.9	0.95	1	1	95.840115
SU7_str	BOBJ1	419.3	Before	Left Exterior Girder	194.3	0.95	1	1	90.532864
SU7_str	BOBJ1	419.3	Before	Interior Girder 1	194.3	0.95	1	1	62.291872
SU7_str	BOBJ1	419.3	Before	Interior Girder 2	194.3	0.95	1	1	62.291871
SU7_str	BOBJ1	419.3	Before	Right Exterior Girder	194.3	0.95	1	1	90.532867
SU7_str	BOBJ1	419.3	After	Left Exterior Girder	194.3	0.95	1	1	87.385287
SU7_str	BOBJ1	419.3	After	Interior Girder 1	194.3	0.95	1	1	59.819252
SU7_str	BOBJ1	419.3	After	Interior Girder 2	194.3	0.95	1	1	59.819251
SU7_str	BOBJ1	419.3	After	Right Exterior Girder	194.3	0.95	1	1	87.38529
SU7_str	BOBJ1	430.7	Before	Left Exterior Girder	205.7	0.95	1	1	82.839671
SU7_str	BOBJ1	430.7	Before	Interior Girder 1	205.7	0.95	1	1	55.694136
SU7_str	BOBJ1	430.7	Before	Interior Girder 2	205.7	0.95	1	1	55.694133
SU7_str	BOBJ1	430.7	Before	Right Exterior Girder	205.7	0.95	1	1	82.839675
SU7_str	BOBJ1	430.7	After	Left Exterior Girder	205.7	0.95	1	1	79.299483
SU7_str	BOBJ1	430.7	After	Interior Girder 1	205.7	0.95	1	1	59.840487
SU7_str	BOBJ1	430.7	After	Interior Girder 2	205.7	0.95	1	1	59.840484
SU7_str	BOBJ1	430.7	After	Right Exterior Girder	205.7	0.95	1	1	79.29949
SU7_str	BOBJ1	442.15	Before	Left Exterior Girder	217.0321	0.95	1	1	75.430935
SU7_str	BOBJ1	442.15	Before	Interior Girder 1	217.0321	0.95	1	1	56.077197
SU7_str	BOBJ1	442.15	Before	Interior Girder 2	217.0321	0.95	1	1	56.077196
SU7_str	BOBJ1	442.15	Before	Right Exterior Girder	217.0321	0.95	1	1	75.430941
SU7_str	BOBJ1	442.15	After	Left Exterior Girder	217.0321	0.95	1	1	47.887637
SU7_str	BOBJ1	442.15	After	Interior Girder 1	217.0321	0.95	1	1	35.253258
SU7_str	BOBJ1	442.15	After	Interior Girder 2	217.0321	0.95	1	1	35.253258
SU7_str	BOBJ1	442.15	After	Right Exterior Girder	217.0321	0.95	1	1	47.887641
SU7_str	BOBJ1	453.6	Before	Left Exterior Girder	228.6	0.95	1	1	45.536203
SU7_str	BOBJ1	453.6	Before	Interior Girder 1	228.6	0.95	1	1	32.800521
SU7_str	BOBJ1	453.6	Before	Interior Girder 2	228.6	0.95	1	1	32.80052
SU7_str	BOBJ1	453.6	Before	Right Exterior Girder	228.6	0.95	1	1	45.536206
SU7_str	BOBJ1	453.6	After	Left Exterior Girder	228.6	0.95	1	1	43.798072
SU7_str	BOBJ1	453.6	After	Interior Girder 1	228.6	0.95	1	1	35.072255
SU7_str	BOBJ1	453.6	After	Interior Girder 2	228.6	0.95	1	1	35.072254
SU7_str	BOBJ1	453.6	After	Right Exterior Girder	228.6	0.95	1	1	43.798071
SU7_str	BOBJ1	463.0439	Before	Left Exterior Girder	238.0439	0.95	1	1	43.485316
SU7_str	BOBJ1	463.0439	Before	Interior Girder 1	238.0439	0.95	1	1	34.797961
SU7_str	BOBJ1	463.0439	Before	Interior Girder 2	238.0439	0.95	1	1	34.79796
SU7_str	BOBJ1	463.0439	Before	Right Exterior Girder	238.0439	0.95	1	1	43.485315
SU7_str	BOBJ1	463.0439	After	Left Exterior Girder	238.0439	0.95	1	1	23.763876
SU7_str	BOBJ1	463.0439	After	Interior Girder 1	238.0439	0.95	1	1	18.635156
SU7_str	BOBJ1	463.0439	After	Interior Girder 2	238.0439	0.95	1	1	18.635156
SU7_str	BOBJ1	463.0439	After	Right Exterior Girder	238.0439	0.95	1	1	23.763875
SU7_str	BOBJ1	465	Before	Left Exterior Girder	240	0.95	1	1	23.717059
SU7_str	BOBJ1	465	Before	Interior Girder 1	240	0.95	1	1	18.594286
SU7_str	BOBJ1	465	Before	Interior Girder 2	240	0.95	1	1	18.594286
SU7_str	BOBJ1	465	Before	Right Exterior Girder	240	0.95	1	1	23.717058
SU7_str	BOBJ1	465	After	Left Exterior Girder	240	0.95	1	1	24.177196
SU7_str	BOBJ1	465	After	Interior Girder 1	240	0.95	1	1	18.581204
SU7_str	BOBJ1	465	After	Interior Girder 2	240	0.95	1	1	18.581204
SU7_str	BOBJ1	465	After	Right Exterior Girder	240	0.95	1	1	24.177195
SU7_str	BOBJ1	476.4	Before	Left Exterior Girder	251.4	0.95	1	1	23.017467
SU7_str	BOBJ1	476.4	Before	Interior Girder 1	251.4	0.95	1	1	17.285856
SU7_str	BOBJ1	476.4	Before	Interior Girder 2	251.4	0.95	1	1	17.285855
SU7_str	BOBJ1	476.4	Before	Right Exterior Girder	251.4	0.95	1	1	23.017467
SU7_str	BOBJ1	476.4	After	Left Exterior Girder	251.4	0.95	1	1	22.299472
SU7_str	BOBJ1	476.4	After	Interior Girder 1	251.4	0.95	1	1	18.031105
SU7_str	BOBJ1	476.4	After	Interior Girder 2	251.4	0.95	1	1	18.031106
SU7_str	BOBJ1	476.4	After	Right Exterior Girder	251.4	0.95	1	1	22.299472
SU7_str	BOBJ1	487.85	Before	Left Exterior Girder	262.85	0.95	1	1	21.28435
SU7_str	BOBJ1	487.85	Before	Interior Girder 1	262.85	0.95	1	1	16.738026
SU7_str	BOBJ1	487.85	Before	Interior Girder 2	262.85	0.95	1	1	16.738028
SU7_str	BOBJ1	487.85	Before	Right Exterior Girder	262.85	0.95	1	1	21.28435
SU7_str	BOBJ1	487.85	After	Left Exterior Girder	262.85	0.95	1	1	20.792434
SU7_str	BOBJ1	487.85	After	Interior Girder 1	262.85	0.95	1	1	15.94807
SU7_str	BOBJ1	487.85	After	Interior Girder 2	262.85	0.95	1	1	15.948071
SU7_str	BOBJ1	487.85	After	Right Exterior Girder	262.85	0.95	1	1	20.792433

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Main Span Girders									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
SU7_str	BOBJ1	496.3126	Before	Left Exterior Girder	271.3126	0.95	1	1	20.608054
SU7_str	BOBJ1	496.3126	Before	Interior Girder 1	271.3126	0.95	1	1	15.789607
SU7_str	BOBJ1	496.3126	Before	Interior Girder 2	271.3126	0.95	1	1	15.789608
SU7_str	BOBJ1	496.3126	Before	Right Exterior Girder	271.3126	0.95	1	1	20.608053
SU7_str	BOBJ1	496.3126	After	Left Exterior Girder	271.3126	0.95	1	1	31.2666
SU7_str	BOBJ1	496.3126	After	Interior Girder 1	271.3126	0.95	1	1	22.587024
SU7_str	BOBJ1	496.3126	After	Interior Girder 2	271.3126	0.95	1	1	22.587025
SU7_str	BOBJ1	496.3126	After	Right Exterior Girder	271.3126	0.95	1	1	31.2666
SU7_str	BOBJ1	499.3	Before	Left Exterior Girder	274.3	0.95	1	1	31.189493
SU7_str	BOBJ1	499.3	Before	Interior Girder 1	274.3	0.95	1	1	22.525915
SU7_str	BOBJ1	499.3	Before	Interior Girder 2	274.3	0.95	1	1	22.525917
SU7_str	BOBJ1	499.3	Before	Right Exterior Girder	274.3	0.95	1	1	31.189492
SU7_str	BOBJ1	499.3	After	Left Exterior Girder	274.3	0.95	1	1	30.821821
SU7_str	BOBJ1	499.3	After	Interior Girder 1	274.3	0.95	1	1	23.153369
SU7_str	BOBJ1	499.3	After	Interior Girder 2	274.3	0.95	1	1	23.153371
SU7_str	BOBJ1	499.3	After	Right Exterior Girder	274.3	0.95	1	1	30.821819
SU7_str	BOBJ1	503.8969	Before	Left Exterior Girder	278.8969	0.95	1	1	30.704347
SU7_str	BOBJ1	503.8969	Before	Interior Girder 1	278.8969	0.95	1	1	23.056417
SU7_str	BOBJ1	503.8969	Before	Interior Girder 2	278.8969	0.95	1	1	23.056418
SU7_str	BOBJ1	503.8969	Before	Right Exterior Girder	278.8969	0.95	1	1	30.704345
SU7_str	BOBJ1	503.8969	After	Left Exterior Girder	278.8969	0.95	1	1	48.86259
SU7_str	BOBJ1	503.8969	After	Interior Girder 1	278.8969	0.95	1	1	35.660215
SU7_str	BOBJ1	503.8969	After	Interior Girder 2	278.8969	0.95	1	1	35.660217
SU7_str	BOBJ1	503.8969	After	Right Exterior Girder	278.8969	0.95	1	1	48.862587
SU7_str	BOBJ1	510.7	Before	Left Exterior Girder	285.7	0.95	1	1	48.644413
SU7_str	BOBJ1	510.7	Before	Interior Girder 1	285.7	0.95	1	1	35.488521
SU7_str	BOBJ1	510.7	Before	Interior Girder 2	285.7	0.95	1	1	35.488523
SU7_str	BOBJ1	510.7	Before	Right Exterior Girder	285.7	0.95	1	1	48.64441
SU7_str	BOBJ1	510.7	After	Left Exterior Girder	285.7	0.95	1	1	45.354053
SU7_str	BOBJ1	510.7	After	Interior Girder 1	285.7	0.95	1	1	32.497237
SU7_str	BOBJ1	510.7	After	Interior Girder 2	285.7	0.95	1	1	32.497239
SU7_str	BOBJ1	510.7	After	Right Exterior Girder	285.7	0.95	1	1	45.35405
SU7_str	BOBJ1	511.4811	Before	Left Exterior Girder	286.4811	0.95	1	1	45.330598
SU7_str	BOBJ1	511.4811	Before	Interior Girder 1	286.4811	0.95	1	1	32.47923
SU7_str	BOBJ1	511.4811	Before	Interior Girder 2	286.4811	0.95	1	1	32.479232
SU7_str	BOBJ1	511.4811	Before	Right Exterior Girder	286.4811	0.95	1	1	45.330595
SU7_str	BOBJ1	511.4811	After	Left Exterior Girder	286.4811	0.95	1	1	63.310532
SU7_str	BOBJ1	511.4811	After	Interior Girder 1	286.4811	0.95	1	1	44.219535
SU7_str	BOBJ1	511.4811	After	Interior Girder 2	286.4811	0.95	1	1	44.219537
SU7_str	BOBJ1	511.4811	After	Right Exterior Girder	286.4811	0.95	1	1	63.310529
SU7_str	BOBJ1	522.1	Before	Left Exterior Girder	297.1	0.95	1	1	62.914933
SU7_str	BOBJ1	522.1	Before	Interior Girder 1	297.1	0.95	1	1	43.924847
SU7_str	BOBJ1	522.1	Before	Interior Girder 2	297.1	0.95	1	1	43.924849
SU7_str	BOBJ1	522.1	Before	Right Exterior Girder	297.1	0.95	1	1	62.914929
SU7_str	BOBJ1	522.1	After	Left Exterior Girder	297.1	0.95	1	1	60.422326
SU7_str	BOBJ1	522.1	After	Interior Girder 1	297.1	0.95	1	1	40.347221
SU7_str	BOBJ1	522.1	After	Interior Girder 2	297.1	0.95	1	1	40.347221
SU7_str	BOBJ1	522.1	After	Right Exterior Girder	297.1	0.95	1	1	60.422325
SU7_str	BOBJ1	530.4918	Before	Left Exterior Girder	305.4918	0.95	1	1	60.121395
SU7_str	BOBJ1	530.4918	Before	Interior Girder 1	305.4918	0.95	1	1	40.132875
SU7_str	BOBJ1	530.4918	Before	Interior Girder 2	305.4918	0.95	1	1	40.132875
SU7_str	BOBJ1	530.4918	Before	Right Exterior Girder	305.4918	0.95	1	1	60.121394
SU7_str	BOBJ1	530.4918	After	Left Exterior Girder	305.4918	0.95	1	1	73.297912
SU7_str	BOBJ1	530.4918	After	Interior Girder 1	305.4918	0.95	1	1	46.626528
SU7_str	BOBJ1	530.4918	After	Interior Girder 2	305.4918	0.95	1	1	46.626528
SU7_str	BOBJ1	530.4918	After	Right Exterior Girder	305.4918	0.95	1	1	73.297911
SU7_str	BOBJ1	533.55	Before	Left Exterior Girder	308.55	0.95	1	1	73.174366
SU7_str	BOBJ1	533.55	Before	Interior Girder 1	308.55	0.95	1	1	46.543405
SU7_str	BOBJ1	533.55	Before	Interior Girder 2	308.55	0.95	1	1	46.543405
SU7_str	BOBJ1	533.55	Before	Right Exterior Girder	308.55	0.95	1	1	73.174365
SU7_str	BOBJ1	533.55	After	Left Exterior Girder	308.55	0.95	1	1	73.191195
SU7_str	BOBJ1	533.55	After	Interior Girder 1	308.55	0.95	1	1	45.940521
SU7_str	BOBJ1	533.55	After	Interior Girder 2	308.55	0.95	1	1	45.940521
SU7_str	BOBJ1	533.55	After	Right Exterior Girder	308.55	0.95	1	1	73.191194
SU7_str	BOBJ1	545	Before	Left Exterior Girder	320	0.95	1	1	71.708222
SU7_str	BOBJ1	545	Before	Interior Girder 1	320	0.95	1	1	43.230027
SU7_str	BOBJ1	545	Before	Interior Girder 2	320	0.95	1	1	43.230027
SU7_str	BOBJ1	545	Before	Right Exterior Girder	320	0.95	1	1	71.708222

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Main Span Girders									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
SU7_str	BOBJ1	545	After	Left Exterior Girder	0	0.95	1	1	75.866669
SU7_str	BOBJ1	545	After	Interior Girder 1	0	0.95	1	1	45.969649
SU7_str	BOBJ1	545	After	Interior Girder 2	0	0.95	1	1	45.96965
SU7_str	BOBJ1	545	After	Right Exterior Girder	0	0.95	1	1	75.866668
SU7_str	BOBJ1	556.25	Before	Left Exterior Girder	11.25	0.95	1	1	76.33623
SU7_str	BOBJ1	556.25	Before	Interior Girder 1	11.25	0.95	1	1	46.270914
SU7_str	BOBJ1	556.25	Before	Interior Girder 2	11.25	0.95	1	1	46.270915
SU7_str	BOBJ1	556.25	Before	Right Exterior Girder	11.25	0.95	1	1	76.336229
SU7_str	BOBJ1	556.25	After	Left Exterior Girder	11.25	0.95	1	1	76.400244
SU7_str	BOBJ1	556.25	After	Interior Girder 1	11.25	0.95	1	1	47.317886
SU7_str	BOBJ1	556.25	After	Interior Girder 2	11.25	0.95	1	1	47.317887
SU7_str	BOBJ1	556.25	After	Right Exterior Girder	11.25	0.95	1	1	76.400243
SU7_str	BOBJ1	559.4358	Before	Left Exterior Girder	14.4358	0.95	1	1	76.53322
SU7_str	BOBJ1	559.4358	Before	Interior Girder 1	14.4358	0.95	1	1	47.405044
SU7_str	BOBJ1	559.4358	Before	Interior Girder 2	14.4358	0.95	1	1	47.405044
SU7_str	BOBJ1	559.4358	Before	Right Exterior Girder	14.4358	0.95	1	1	76.533219
SU7_str	BOBJ1	559.4358	After	Left Exterior Girder	14.4358	0.95	1	1	63.073036
SU7_str	BOBJ1	559.4358	After	Interior Girder 1	14.4358	0.95	1	1	40.938864
SU7_str	BOBJ1	559.4358	After	Interior Girder 2	14.4358	0.95	1	1	40.938864
SU7_str	BOBJ1	559.4358	After	Right Exterior Girder	14.4358	0.95	1	1	63.073035
SU7_str	BOBJ1	567.5	Before	Left Exterior Girder	22.5	0.95	1	1	63.372475
SU7_str	BOBJ1	567.5	Before	Interior Girder 1	22.5	0.95	1	1	41.146343
SU7_str	BOBJ1	567.5	Before	Interior Girder 2	22.5	0.95	1	1	41.146343
SU7_str	BOBJ1	567.5	Before	Right Exterior Girder	22.5	0.95	1	1	63.372475
SU7_str	BOBJ1	567.5	After	Left Exterior Girder	22.5	0.95	1	1	62.965048
SU7_str	BOBJ1	567.5	After	Interior Girder 1	22.5	0.95	1	1	40.779207
SU7_str	BOBJ1	567.5	After	Interior Girder 2	22.5	0.95	1	1	40.779207
SU7_str	BOBJ1	567.5	After	Right Exterior Girder	22.5	0.95	1	1	62.965048
SU7_str	BOBJ1	570.0586	Before	Left Exterior Girder	25.0586	0.95	1	1	63.059348
SU7_str	BOBJ1	570.0586	Before	Interior Girder 1	25.0586	0.95	1	1	40.84433
SU7_str	BOBJ1	570.0586	Before	Interior Girder 2	25.0586	0.95	1	1	40.84433
SU7_str	BOBJ1	570.0586	Before	Right Exterior Girder	25.0586	0.95	1	1	63.059348
SU7_str	BOBJ1	570.0586	After	Left Exterior Girder	25.0586	0.95	1	1	49.396815
SU7_str	BOBJ1	570.0586	After	Interior Girder 1	25.0586	0.95	1	1	33.983102
SU7_str	BOBJ1	570.0586	After	Interior Girder 2	25.0586	0.95	1	1	33.983102
SU7_str	BOBJ1	570.0586	After	Right Exterior Girder	25.0586	0.95	1	1	49.396815
SU7_str	BOBJ1	578.75	Before	Left Exterior Girder	33.75	0.95	1	1	49.677548
SU7_str	BOBJ1	578.75	Before	Interior Girder 1	33.75	0.95	1	1	34.191584
SU7_str	BOBJ1	578.75	Before	Interior Girder 2	33.75	0.95	1	1	34.191584
SU7_str	BOBJ1	578.75	Before	Right Exterior Girder	33.75	0.95	1	1	49.677548
SU7_str	BOBJ1	578.75	After	Left Exterior Girder	33.75	0.95	1	1	51.133249
SU7_str	BOBJ1	578.75	After	Interior Girder 1	33.75	0.95	1	1	37.12775
SU7_str	BOBJ1	578.75	After	Interior Girder 2	33.75	0.95	1	1	37.12775
SU7_str	BOBJ1	578.75	After	Right Exterior Girder	33.75	0.95	1	1	51.133248
SU7_str	BOBJ1	586.8142	Before	Left Exterior Girder	41.8142	0.95	1	1	51.40085
SU7_str	BOBJ1	586.8142	Before	Interior Girder 1	41.8142	0.95	1	1	37.337444
SU7_str	BOBJ1	586.8142	Before	Interior Girder 2	41.8142	0.95	1	1	37.337445
SU7_str	BOBJ1	586.8142	Before	Right Exterior Girder	41.8142	0.95	1	1	51.400849
SU7_str	BOBJ1	586.8142	After	Left Exterior Girder	41.8142	0.95	1	1	32.230143
SU7_str	BOBJ1	586.8142	After	Interior Girder 1	41.8142	0.95	1	1	23.840306
SU7_str	BOBJ1	586.8142	After	Interior Girder 2	41.8142	0.95	1	1	23.840306
SU7_str	BOBJ1	586.8142	After	Right Exterior Girder	41.8142	0.95	1	1	32.230143
SU7_str	BOBJ1	590	Before	Left Exterior Girder	45	0.95	1	1	32.313422
SU7_str	BOBJ1	590	Before	Interior Girder 1	45	0.95	1	1	23.907978
SU7_str	BOBJ1	590	Before	Interior Girder 2	45	0.95	1	1	23.907978
SU7_str	BOBJ1	590	Before	Right Exterior Girder	45	0.95	1	1	32.313422
SU7_str	BOBJ1	590	After	Left Exterior Girder	45	0.95	1	1	34.543668
SU7_str	BOBJ1	590	After	Interior Girder 1	45	0.95	1	1	26.070684
SU7_str	BOBJ1	590	After	Interior Girder 2	45	0.95	1	1	26.070684
SU7_str	BOBJ1	590	After	Right Exterior Girder	45	0.95	1	1	34.543668
SU7_str	BOBJ1	601.25	Before	Left Exterior Girder	56.25	0.95	1	1	34.856609
SU7_str	BOBJ1	601.25	Before	Interior Girder 1	56.25	0.95	1	1	26.330615
SU7_str	BOBJ1	601.25	Before	Interior Girder 2	56.25	0.95	1	1	26.330615
SU7_str	BOBJ1	601.25	Before	Right Exterior Girder	56.25	0.95	1	1	34.856609
SU7_str	BOBJ1	601.25	After	Left Exterior Girder	56.25	0.95	1	1	33.140807
SU7_str	BOBJ1	601.25	After	Interior Girder 1	56.25	0.95	1	1	27.70251
SU7_str	BOBJ1	601.25	After	Interior Girder 2	56.25	0.95	1	1	27.702509
SU7_str	BOBJ1	601.25	After	Right Exterior Girder	56.25	0.95	1	1	33.140807

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Main Span Girders									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
SU7_str	BOBJ1	601.7478	Before	Left Exterior Girder	56.7478	0.95	1	1	33.15403
SU7_str	BOBJ1	601.7478	Before	Interior Girder 1	56.7478	0.95	1	1	27.714513
SU7_str	BOBJ1	601.7478	Before	Interior Girder 2	56.7478	0.95	1	1	27.714513
SU7_str	BOBJ1	601.7478	Before	Right Exterior Girder	56.7478	0.95	1	1	33.154029
SU7_str	BOBJ1	601.7478	After	Left Exterior Girder	56.7478	0.95	1	1	23.765617
SU7_str	BOBJ1	601.7478	After	Interior Girder 1	56.7478	0.95	1	1	19.079624
SU7_str	BOBJ1	601.7478	After	Interior Girder 2	56.7478	0.95	1	1	19.079624
SU7_str	BOBJ1	601.7478	After	Right Exterior Girder	56.7478	0.95	1	1	23.765617
SU7_str	BOBJ1	612.5	Before	Left Exterior Girder	67.5	0.95	1	1	24.021213
SU7_str	BOBJ1	612.5	Before	Interior Girder 1	67.5	0.95	1	1	19.310091
SU7_str	BOBJ1	612.5	Before	Interior Girder 2	67.5	0.95	1	1	19.310091
SU7_str	BOBJ1	612.5	Before	Right Exterior Girder	67.5	0.95	1	1	24.021213
SU7_str	BOBJ1	612.5	After	Left Exterior Girder	67.5	0.95	1	1	26.000674
SU7_str	BOBJ1	612.5	After	Interior Girder 1	67.5	0.95	1	1	19.953425
SU7_str	BOBJ1	612.5	After	Interior Girder 2	67.5	0.95	1	1	19.953424
SU7_str	BOBJ1	612.5	After	Right Exterior Girder	67.5	0.95	1	1	26.000674
SU7_str	BOBJ1	623.75	Before	Left Exterior Girder	78.75	0.95	1	1	26.287893
SU7_str	BOBJ1	623.75	Before	Interior Girder 1	78.75	0.95	1	1	20.200986
SU7_str	BOBJ1	623.75	Before	Interior Girder 2	78.75	0.95	1	1	20.200985
SU7_str	BOBJ1	623.75	Before	Right Exterior Girder	78.75	0.95	1	1	26.287893
SU7_str	BOBJ1	623.75	After	Left Exterior Girder	78.75	0.95	1	1	28.423031
SU7_str	BOBJ1	623.75	After	Interior Girder 1	78.75	0.95	1	1	22.644902
SU7_str	BOBJ1	623.75	After	Interior Girder 2	78.75	0.95	1	1	22.644901
SU7_str	BOBJ1	623.75	After	Right Exterior Girder	78.75	0.95	1	1	28.423031
SU7_str	BOBJ1	635	Before	Left Exterior Girder	90	0.95	1	1	28.731743
SU7_str	BOBJ1	635	Before	Interior Girder 1	90	0.95	1	1	22.921093
SU7_str	BOBJ1	635	Before	Interior Girder 2	90	0.95	1	1	22.921092
SU7_str	BOBJ1	635	Before	Right Exterior Girder	90	0.95	1	1	28.731744
SU7_str	BOBJ1	635	After	Left Exterior Girder	90	0.95	1	1	31.185655
SU7_str	BOBJ1	635	After	Interior Girder 1	90	0.95	1	1	22.17058
SU7_str	BOBJ1	635	After	Interior Girder 2	90	0.95	1	1	22.170578
SU7_str	BOBJ1	635	After	Right Exterior Girder	90	0.95	1	1	31.185656
SU7_str	BOBJ1	643.5619	Before	Left Exterior Girder	98.5619	0.95	1	1	31.438866
SU7_str	BOBJ1	643.5619	Before	Interior Girder 1	98.5619	0.95	1	1	22.372784
SU7_str	BOBJ1	643.5619	Before	Interior Girder 2	98.5619	0.95	1	1	22.372782
SU7_str	BOBJ1	643.5619	Before	Right Exterior Girder	98.5619	0.95	1	1	31.438867
SU7_str	BOBJ1	643.5619	After	Left Exterior Girder	98.5619	0.95	1	1	52.566564
SU7_str	BOBJ1	643.5619	After	Interior Girder 1	98.5619	0.95	1	1	37.194283
SU7_str	BOBJ1	643.5619	After	Interior Girder 2	98.5619	0.95	1	1	37.194281
SU7_str	BOBJ1	643.5619	After	Right Exterior Girder	98.5619	0.95	1	1	52.566567
SU7_str	BOBJ1	646.25	Before	Left Exterior Girder	101.25	0.95	1	1	52.666749
SU7_str	BOBJ1	646.25	Before	Interior Girder 1	101.25	0.95	1	1	37.272116
SU7_str	BOBJ1	646.25	Before	Interior Girder 2	101.25	0.95	1	1	37.272114
SU7_str	BOBJ1	646.25	Before	Right Exterior Girder	101.25	0.95	1	1	52.666752
SU7_str	BOBJ1	646.25	After	Left Exterior Girder	101.25	0.95	1	1	58.657886
SU7_str	BOBJ1	646.25	After	Interior Girder 1	101.25	0.95	1	1	43.093342
SU7_str	BOBJ1	646.25	After	Interior Girder 2	101.25	0.95	1	1	43.09334
SU7_str	BOBJ1	646.25	After	Right Exterior Girder	101.25	0.95	1	1	58.657888
SU7_str	BOBJ1	657.5	Before	Left Exterior Girder	112.5	0.95	1	1	59.123587
SU7_str	BOBJ1	657.5	Before	Interior Girder 1	112.5	0.95	1	1	43.46957
SU7_str	BOBJ1	657.5	Before	Interior Girder 2	112.5	0.95	1	1	43.469568
SU7_str	BOBJ1	657.5	Before	Right Exterior Girder	112.5	0.95	1	1	59.123589
SU7_str	BOBJ1	657.5	After	Left Exterior Girder	112.5	0.95	1	1	67.379285
SU7_str	BOBJ1	657.5	After	Interior Girder 1	112.5	0.95	1	1	43.11617
SU7_str	BOBJ1	657.5	After	Interior Girder 2	112.5	0.95	1	1	43.116176
SU7_str	BOBJ1	657.5	After	Right Exterior Girder	112.5	0.95	1	1	67.379278
SU7_str	BOBJ1	668.75	Before	Left Exterior Girder	123.75	0.95	1	1	67.907494
SU7_str	BOBJ1	668.75	Before	Interior Girder 1	123.75	0.95	1	1	43.488029
SU7_str	BOBJ1	668.75	Before	Interior Girder 2	123.75	0.95	1	1	43.488036
SU7_str	BOBJ1	668.75	Before	Right Exterior Girder	123.75	0.95	1	1	67.907488
SU7_str	BOBJ1	668.75	After	Left Exterior Girder	123.75	0.95	1	1	77.735556
SU7_str	BOBJ1	668.75	After	Interior Girder 1	123.75	0.95	1	1	49.618016
SU7_str	BOBJ1	668.75	After	Interior Girder 2	123.75	0.95	1	1	49.618023
SU7_str	BOBJ1	668.75	After	Right Exterior Girder	123.75	0.95	1	1	77.735547
SU7_str	BOBJ1	680	Before	Left Exterior Girder	135	0.95	1	1	78.33815
SU7_str	BOBJ1	680	Before	Interior Girder 1	135	0.95	1	1	50.041144
SU7_str	BOBJ1	680	Before	Interior Girder 2	135	0.95	1	1	50.041152
SU7_str	BOBJ1	680	Before	Right Exterior Girder	135	0.95	1	1	78.33814

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Main Span Girders									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
SU7_str	BOBJ1	680	After	Left Exterior Girder	135	0.95	1	1	89.038224
SU7_str	BOBJ1	680	After	Interior Girder 1	135	0.95	1	1	49.60568
SU7_str	BOBJ1	680	After	Interior Girder 2	135	0.95	1	1	49.605678
SU7_str	BOBJ1	680	After	Right Exterior Girder	135	0.95	1	1	89.038231
SU7_str	BOBJ1	691.25	Before	Left Exterior Girder	146.25	0.95	1	1	88.37749
SU7_str	BOBJ1	691.25	Before	Interior Girder 1	146.25	0.95	1	1	50.023708
SU7_str	BOBJ1	691.25	Before	Interior Girder 2	146.25	0.95	1	1	50.023706
SU7_str	BOBJ1	691.25	Before	Right Exterior Girder	146.25	0.95	1	1	88.377497
SU7_str	BOBJ1	691.25	After	Left Exterior Girder	146.25	0.95	1	1	76.738196
SU7_str	BOBJ1	691.25	After	Interior Girder 1	146.25	0.95	1	1	48.169459
SU7_str	BOBJ1	691.25	After	Interior Girder 2	146.25	0.95	1	1	48.169462
SU7_str	BOBJ1	691.25	After	Right Exterior Girder	146.25	0.95	1	1	76.738197
SU7_str	BOBJ1	702.5	Before	Left Exterior Girder	157.5	0.95	1	1	76.162582
SU7_str	BOBJ1	702.5	Before	Interior Girder 1	157.5	0.95	1	1	47.771868
SU7_str	BOBJ1	702.5	Before	Interior Girder 2	157.5	0.95	1	1	47.771871
SU7_str	BOBJ1	702.5	Before	Right Exterior Girder	157.5	0.95	1	1	76.162583
SU7_str	BOBJ1	702.5	After	Left Exterior Girder	157.5	0.95	1	1	65.847621
SU7_str	BOBJ1	702.5	After	Interior Girder 1	157.5	0.95	1	1	48.247384
SU7_str	BOBJ1	702.5	After	Interior Girder 2	157.5	0.95	1	1	48.247386
SU7_str	BOBJ1	702.5	After	Right Exterior Girder	157.5	0.95	1	1	65.847615
SU7_str	BOBJ1	713.75	Before	Left Exterior Girder	168.75	0.95	1	1	65.347643
SU7_str	BOBJ1	713.75	Before	Interior Girder 1	168.75	0.95	1	1	47.844497
SU7_str	BOBJ1	713.75	Before	Interior Girder 2	168.75	0.95	1	1	47.844499
SU7_str	BOBJ1	713.75	Before	Right Exterior Girder	168.75	0.95	1	1	65.347638
SU7_str	BOBJ1	713.75	After	Left Exterior Girder	168.75	0.95	1	1	58.241288
SU7_str	BOBJ1	713.75	After	Interior Girder 1	168.75	0.95	1	1	41.961544
SU7_str	BOBJ1	713.75	After	Interior Girder 2	168.75	0.95	1	1	41.961544
SU7_str	BOBJ1	713.75	After	Right Exterior Girder	168.75	0.95	1	1	58.241286
SU7_str	BOBJ1	725	Before	Left Exterior Girder	180	0.95	1	1	57.794172
SU7_str	BOBJ1	725	Before	Interior Girder 1	180	0.95	1	1	41.607253
SU7_str	BOBJ1	725	Before	Interior Girder 2	180	0.95	1	1	41.607253
SU7_str	BOBJ1	725	Before	Right Exterior Girder	180	0.95	1	1	57.794169
SU7_str	BOBJ1	725	After	Left Exterior Girder	180	0.95	1	1	51.105737
SU7_str	BOBJ1	725	After	Interior Girder 1	180	0.95	1	1	40.479997
SU7_str	BOBJ1	725	After	Interior Girder 2	180	0.95	1	1	40.479995
SU7_str	BOBJ1	725	After	Right Exterior Girder	180	0.95	1	1	51.105742
SU7_str	BOBJ1	731.1726	Before	Left Exterior Girder	186.1726	0.95	1	1	50.887933
SU7_str	BOBJ1	731.1726	Before	Interior Girder 1	186.1726	0.95	1	1	40.290383
SU7_str	BOBJ1	731.1726	Before	Interior Girder 2	186.1726	0.95	1	1	40.290381
SU7_str	BOBJ1	731.1726	Before	Right Exterior Girder	186.1726	0.95	1	1	50.887938
SU7_str	BOBJ1	731.1726	After	Left Exterior Girder	186.1726	0.95	1	1	29.51779
SU7_str	BOBJ1	731.1726	After	Interior Girder 1	186.1726	0.95	1	1	22.987024
SU7_str	BOBJ1	731.1726	After	Interior Girder 2	186.1726	0.95	1	1	22.987022
SU7_str	BOBJ1	731.1726	After	Right Exterior Girder	186.1726	0.95	1	1	29.517793
SU7_str	BOBJ1	736.25	Before	Left Exterior Girder	191.25	0.95	1	1	29.381698
SU7_str	BOBJ1	736.25	Before	Interior Girder 1	191.25	0.95	1	1	22.868091
SU7_str	BOBJ1	736.25	Before	Interior Girder 2	191.25	0.95	1	1	22.86809
SU7_str	BOBJ1	736.25	Before	Right Exterior Girder	191.25	0.95	1	1	29.381701
SU7_str	BOBJ1	736.25	After	Left Exterior Girder	191.25	0.95	1	1	28.368568
SU7_str	BOBJ1	736.25	After	Interior Girder 1	191.25	0.95	1	1	21.669968
SU7_str	BOBJ1	736.25	After	Interior Girder 2	191.25	0.95	1	1	21.669967
SU7_str	BOBJ1	736.25	After	Right Exterior Girder	191.25	0.95	1	1	28.368569
SU7_str	BOBJ1	747.5	Before	Left Exterior Girder	202.5	0.95	1	1	28.076363
SU7_str	BOBJ1	747.5	Before	Interior Girder 1	202.5	0.95	1	1	21.419366
SU7_str	BOBJ1	747.5	Before	Interior Girder 2	202.5	0.95	1	1	21.419366
SU7_str	BOBJ1	747.5	Before	Right Exterior Girder	202.5	0.95	1	1	28.076365
SU7_str	BOBJ1	747.5	After	Left Exterior Girder	202.5	0.95	1	1	25.297584
SU7_str	BOBJ1	747.5	After	Interior Girder 1	202.5	0.95	1	1	19.597497
SU7_str	BOBJ1	747.5	After	Interior Girder 2	202.5	0.95	1	1	19.597496
SU7_str	BOBJ1	747.5	After	Right Exterior Girder	202.5	0.95	1	1	25.297583
SU7_str	BOBJ1	758.75	Before	Left Exterior Girder	213.75	0.95	1	1	25.032143
SU7_str	BOBJ1	758.75	Before	Interior Girder 1	213.75	0.95	1	1	19.366936
SU7_str	BOBJ1	758.75	Before	Interior Girder 2	213.75	0.95	1	1	19.366935
SU7_str	BOBJ1	758.75	Before	Right Exterior Girder	213.75	0.95	1	1	25.032143
SU7_str	BOBJ1	758.75	After	Left Exterior Girder	213.75	0.95	1	1	23.157506
SU7_str	BOBJ1	758.75	After	Interior Girder 1	213.75	0.95	1	1	15.907904
SU7_str	BOBJ1	758.75	After	Interior Girder 2	213.75	0.95	1	1	15.907902
SU7_str	BOBJ1	758.75	After	Right Exterior Girder	213.75	0.95	1	1	23.157507

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Main Span Girders									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
SU7_str	BOBJ1	770	Before	Left Exterior Girder	225	0.95	1	1	22.910528
SU7_str	BOBJ1	770	Before	Interior Girder 1	225	0.95	1	1	15.717633
SU7_str	BOBJ1	770	Before	Interior Girder 2	225	0.95	1	1	15.717632
SU7_str	BOBJ1	770	Before	Right Exterior Girder	225	0.95	1	1	22.910528
Type 3_str	BOBJ1	0	After	Left Exterior Girder	0	0.95	1	1	34.259004
Type 3_str	BOBJ1	0	After	Interior Girder 1	0	0.95	1	1	22.608851
Type 3_str	BOBJ1	0	After	Interior Girder 2	0	0.95	1	1	22.608852
Type 3_str	BOBJ1	0	After	Right Exterior Girder	0	0.95	1	1	34.259002
Type 3_str	BOBJ1	11.25	Before	Left Exterior Girder	11.25	0.95	1	1	34.628321
Type 3_str	BOBJ1	11.25	Before	Interior Girder 1	11.25	0.95	1	1	22.882543
Type 3_str	BOBJ1	11.25	Before	Interior Girder 2	11.25	0.95	1	1	22.882545
Type 3_str	BOBJ1	11.25	Before	Right Exterior Girder	11.25	0.95	1	1	34.628319
Type 3_str	BOBJ1	11.25	After	Left Exterior Girder	11.25	0.95	1	1	37.380799
Type 3_str	BOBJ1	11.25	After	Interior Girder 1	11.25	0.95	1	1	27.779853
Type 3_str	BOBJ1	11.25	After	Interior Girder 2	11.25	0.95	1	1	27.779856
Type 3_str	BOBJ1	11.25	After	Right Exterior Girder	11.25	0.95	1	1	37.380796
Type 3_str	BOBJ1	22.5	Before	Left Exterior Girder	22.5	0.95	1	1	37.777184
Type 3_str	BOBJ1	22.5	Before	Interior Girder 1	22.5	0.95	1	1	28.110569
Type 3_str	BOBJ1	22.5	Before	Interior Girder 2	22.5	0.95	1	1	28.110571
Type 3_str	BOBJ1	22.5	Before	Right Exterior Girder	22.5	0.95	1	1	37.777181
Type 3_str	BOBJ1	22.5	After	Left Exterior Girder	22.5	0.95	1	1	41.855193
Type 3_str	BOBJ1	22.5	After	Interior Girder 1	22.5	0.95	1	1	30.566722
Type 3_str	BOBJ1	22.5	After	Interior Girder 2	22.5	0.95	1	1	30.56672
Type 3_str	BOBJ1	22.5	After	Right Exterior Girder	22.5	0.95	1	1	41.855193
Type 3_str	BOBJ1	33.75	Before	Left Exterior Girder	33.75	0.95	1	1	42.2908
Type 3_str	BOBJ1	33.75	Before	Interior Girder 1	33.75	0.95	1	1	30.924345
Type 3_str	BOBJ1	33.75	Before	Interior Girder 2	33.75	0.95	1	1	30.924344
Type 3_str	BOBJ1	33.75	Before	Right Exterior Girder	33.75	0.95	1	1	42.2908
Type 3_str	BOBJ1	33.75	After	Left Exterior Girder	33.75	0.95	1	1	43.627204
Type 3_str	BOBJ1	33.75	After	Interior Girder 1	33.75	0.95	1	1	32.823325
Type 3_str	BOBJ1	33.75	After	Interior Girder 2	33.75	0.95	1	1	32.823323
Type 3_str	BOBJ1	33.75	After	Right Exterior Girder	33.75	0.95	1	1	43.627205
Type 3_str	BOBJ1	38.8274	Before	Left Exterior Girder	38.8274	0.95	1	1	43.829279
Type 3_str	BOBJ1	38.8274	Before	Interior Girder 1	38.8274	0.95	1	1	32.994033
Type 3_str	BOBJ1	38.8274	Before	Interior Girder 2	38.8274	0.95	1	1	32.994031
Type 3_str	BOBJ1	38.8274	Before	Right Exterior Girder	38.8274	0.95	1	1	43.82928
Type 3_str	BOBJ1	38.8274	After	Left Exterior Girder	38.8274	0.95	1	1	75.196942
Type 3_str	BOBJ1	38.8274	After	Interior Girder 1	38.8274	0.95	1	1	58.148208
Type 3_str	BOBJ1	38.8274	After	Interior Girder 2	38.8274	0.95	1	1	58.148205
Type 3_str	BOBJ1	38.8274	After	Right Exterior Girder	38.8274	0.95	1	1	75.196945
Type 3_str	BOBJ1	45	Before	Left Exterior Girder	45	0.95	1	1	75.51879
Type 3_str	BOBJ1	45	Before	Interior Girder 1	45	0.95	1	1	58.421863
Type 3_str	BOBJ1	45	Before	Interior Girder 2	45	0.95	1	1	58.42186
Type 3_str	BOBJ1	45	Before	Right Exterior Girder	45	0.95	1	1	75.518793
Type 3_str	BOBJ1	45	After	Left Exterior Girder	45	0.95	1	1	85.418588
Type 3_str	BOBJ1	45	After	Interior Girder 1	45	0.95	1	1	59.340366
Type 3_str	BOBJ1	45	After	Interior Girder 2	45	0.95	1	1	59.34036
Type 3_str	BOBJ1	45	After	Right Exterior Girder	45	0.95	1	1	85.418591
Type 3_str	BOBJ1	56.25	Before	Left Exterior Girder	56.25	0.95	1	1	86.079417
Type 3_str	BOBJ1	56.25	Before	Interior Girder 1	56.25	0.95	1	1	59.845657
Type 3_str	BOBJ1	56.25	Before	Interior Girder 2	56.25	0.95	1	1	59.845651
Type 3_str	BOBJ1	56.25	Before	Right Exterior Girder	56.25	0.95	1	1	86.07942
Type 3_str	BOBJ1	56.25	After	Left Exterior Girder	56.25	0.95	1	1	95.750718
Type 3_str	BOBJ1	56.25	After	Interior Girder 1	56.25	0.95	1	1	68.578488
Type 3_str	BOBJ1	56.25	After	Interior Girder 2	56.25	0.95	1	1	68.578481
Type 3_str	BOBJ1	56.25	After	Right Exterior Girder	56.25	0.95	1	1	95.750721
Type 3_str	BOBJ1	67.5	Before	Left Exterior Girder	67.5	0.95	1	1	96.483311
Type 3_str	BOBJ1	67.5	Before	Interior Girder 1	67.5	0.95	1	1	69.155972
Type 3_str	BOBJ1	67.5	Before	Interior Girder 2	67.5	0.95	1	1	69.155964
Type 3_str	BOBJ1	67.5	Before	Right Exterior Girder	67.5	0.95	1	1	96.483313
Type 3_str	BOBJ1	67.5	After	Left Exterior Girder	67.5	0.95	1	1	111.426201
Type 3_str	BOBJ1	67.5	After	Interior Girder 1	67.5	0.95	1	1	67.800922
Type 3_str	BOBJ1	67.5	After	Interior Girder 2	67.5	0.95	1	1	67.800926
Type 3_str	BOBJ1	67.5	After	Right Exterior Girder	67.5	0.95	1	1	111.426176
Type 3_str	BOBJ1	78.75	Before	Left Exterior Girder	78.75	0.95	1	1	112.268327
Type 3_str	BOBJ1	78.75	Before	Interior Girder 1	78.75	0.95	1	1	68.365209
Type 3_str	BOBJ1	78.75	Before	Interior Girder 2	78.75	0.95	1	1	68.365213
Type 3_str	BOBJ1	78.75	Before	Right Exterior Girder	78.75	0.95	1	1	112.268302

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Main Span Girders									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Type 3_str	BOBJ1	78.75	After	Left Exterior Girder	78.75	0.95	1	1	127.871134
Type 3_str	BOBJ1	78.75	After	Interior Girder 1	78.75	0.95	1	1	70.48357
Type 3_str	BOBJ1	78.75	After	Interior Girder 2	78.75	0.95	1	1	70.483564
Type 3_str	BOBJ1	78.75	After	Right Exterior Girder	78.75	0.95	1	1	127.871099
Type 3_str	BOBJ1	90	Before	Left Exterior Girder	90	0.95	1	1	128.827133
Type 3_str	BOBJ1	90	Before	Interior Girder 1	90	0.95	1	1	69.894567
Type 3_str	BOBJ1	90	Before	Interior Girder 2	90	0.95	1	1	69.894561
Type 3_str	BOBJ1	90	Before	Right Exterior Girder	90	0.95	1	1	128.827098
Type 3_str	BOBJ1	90	After	Left Exterior Girder	90	0.95	1	1	113.505472
Type 3_str	BOBJ1	90	After	Interior Girder 1	90	0.95	1	1	71.540446
Type 3_str	BOBJ1	90	After	Interior Girder 2	90	0.95	1	1	71.540432
Type 3_str	BOBJ1	90	After	Right Exterior Girder	90	0.95	1	1	113.505483
Type 3_str	BOBJ1	101.25	Before	Left Exterior Girder	101.25	0.95	1	1	112.632365
Type 3_str	BOBJ1	101.25	Before	Interior Girder 1	101.25	0.95	1	1	70.935528
Type 3_str	BOBJ1	101.25	Before	Interior Girder 2	101.25	0.95	1	1	70.935514
Type 3_str	BOBJ1	101.25	Before	Right Exterior Girder	101.25	0.95	1	1	112.632375
Type 3_str	BOBJ1	101.25	After	Left Exterior Girder	101.25	0.95	1	1	99.81979
Type 3_str	BOBJ1	101.25	After	Interior Girder 1	101.25	0.95	1	1	62.012705
Type 3_str	BOBJ1	101.25	After	Interior Girder 2	101.25	0.95	1	1	62.012695
Type 3_str	BOBJ1	101.25	After	Right Exterior Girder	101.25	0.95	1	1	99.819794
Type 3_str	BOBJ1	112.5	Before	Left Exterior Girder	112.5	0.95	1	1	99.043355
Type 3_str	BOBJ1	112.5	Before	Interior Girder 1	112.5	0.95	1	1	61.482444
Type 3_str	BOBJ1	112.5	Before	Interior Girder 2	112.5	0.95	1	1	61.482434
Type 3_str	BOBJ1	112.5	Before	Right Exterior Girder	112.5	0.95	1	1	99.043359
Type 3_str	BOBJ1	112.5	After	Left Exterior Girder	112.5	0.95	1	1	87.274375
Type 3_str	BOBJ1	112.5	After	Interior Girder 1	112.5	0.95	1	1	62.683166
Type 3_str	BOBJ1	112.5	After	Interior Girder 2	112.5	0.95	1	1	62.683169
Type 3_str	BOBJ1	112.5	After	Right Exterior Girder	112.5	0.95	1	1	87.27437
Type 3_str	BOBJ1	123.75	Before	Left Exterior Girder	123.75	0.95	1	1	86.586938
Type 3_str	BOBJ1	123.75	Before	Interior Girder 1	123.75	0.95	1	1	62.140645
Type 3_str	BOBJ1	123.75	Before	Interior Girder 2	123.75	0.95	1	1	62.140649
Type 3_str	BOBJ1	123.75	Before	Right Exterior Girder	123.75	0.95	1	1	86.586932
Type 3_str	BOBJ1	123.75	After	Left Exterior Girder	123.75	0.95	1	1	78.24637
Type 3_str	BOBJ1	123.75	After	Interior Girder 1	123.75	0.95	1	1	53.996263
Type 3_str	BOBJ1	123.75	After	Interior Girder 2	123.75	0.95	1	1	53.996266
Type 3_str	BOBJ1	123.75	After	Right Exterior Girder	123.75	0.95	1	1	78.246365
Type 3_str	BOBJ1	126.4381	Before	Left Exterior Girder	126.4381	0.95	1	1	78.097527
Type 3_str	BOBJ1	126.4381	Before	Interior Girder 1	126.4381	0.95	1	1	53.883505
Type 3_str	BOBJ1	126.4381	Before	Interior Girder 2	126.4381	0.95	1	1	53.883509
Type 3_str	BOBJ1	126.4381	Before	Right Exterior Girder	126.4381	0.95	1	1	78.097522
Type 3_str	BOBJ1	126.4381	After	Left Exterior Girder	126.4381	0.95	1	1	46.883861
Type 3_str	BOBJ1	126.4381	After	Interior Girder 1	126.4381	0.95	1	1	32.200842
Type 3_str	BOBJ1	126.4381	After	Interior Girder 2	126.4381	0.95	1	1	32.200844
Type 3_str	BOBJ1	126.4381	After	Right Exterior Girder	126.4381	0.95	1	1	46.883858
Type 3_str	BOBJ1	135	Before	Left Exterior Girder	135	0.95	1	1	46.506255
Type 3_str	BOBJ1	135	Before	Interior Girder 1	135	0.95	1	1	31.909813
Type 3_str	BOBJ1	135	Before	Interior Girder 2	135	0.95	1	1	31.909815
Type 3_str	BOBJ1	135	Before	Right Exterior Girder	135	0.95	1	1	46.506252
Type 3_str	BOBJ1	135	After	Left Exterior Girder	135	0.95	1	1	42.921542
Type 3_str	BOBJ1	135	After	Interior Girder 1	135	0.95	1	1	33.319035
Type 3_str	BOBJ1	135	After	Interior Girder 2	135	0.95	1	1	33.319037
Type 3_str	BOBJ1	135	After	Right Exterior Girder	135	0.95	1	1	42.92154
Type 3_str	BOBJ1	146.25	Before	Left Exterior Girder	146.25	0.95	1	1	42.460365
Type 3_str	BOBJ1	146.25	Before	Interior Girder 1	146.25	0.95	1	1	32.917552
Type 3_str	BOBJ1	146.25	Before	Interior Girder 2	146.25	0.95	1	1	32.917555
Type 3_str	BOBJ1	146.25	Before	Right Exterior Girder	146.25	0.95	1	1	42.460363
Type 3_str	BOBJ1	146.25	After	Left Exterior Girder	146.25	0.95	1	1	39.479988
Type 3_str	BOBJ1	146.25	After	Interior Girder 1	146.25	0.95	1	1	29.165739
Type 3_str	BOBJ1	146.25	After	Interior Girder 2	146.25	0.95	1	1	29.165741
Type 3_str	BOBJ1	146.25	After	Right Exterior Girder	146.25	0.95	1	1	39.479986
Type 3_str	BOBJ1	157.5	Before	Left Exterior Girder	157.5	0.95	1	1	39.048633
Type 3_str	BOBJ1	157.5	Before	Interior Girder 1	157.5	0.95	1	1	28.808316
Type 3_str	BOBJ1	157.5	Before	Interior Girder 2	157.5	0.95	1	1	28.808318
Type 3_str	BOBJ1	157.5	Before	Right Exterior Girder	157.5	0.95	1	1	39.048632
Type 3_str	BOBJ1	157.5	After	Left Exterior Girder	157.5	0.95	1	1	36.208221
Type 3_str	BOBJ1	157.5	After	Interior Girder 1	157.5	0.95	1	1	28.175761
Type 3_str	BOBJ1	157.5	After	Interior Girder 2	157.5	0.95	1	1	28.175759
Type 3_str	BOBJ1	157.5	After	Right Exterior Girder	157.5	0.95	1	1	36.20822

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Main Span Girders									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Type 3_str	BOBJ1	168.2522	Before	Left Exterior Girder	168.2522	0.95	1	1	35.82295
Type 3_str	BOBJ1	168.2522	Before	Interior Girder 1	168.2522	0.95	1	1	27.839481
Type 3_str	BOBJ1	168.2522	Before	Interior Girder 2	168.2522	0.95	1	1	27.83948
Type 3_str	BOBJ1	168.2522	Before	Right Exterior Girder	168.2522	0.95	1	1	35.822949
Type 3_str	BOBJ1	168.2522	After	Left Exterior Girder	168.2522	0.95	1	1	48.358074
Type 3_str	BOBJ1	168.2522	After	Interior Girder 1	168.2522	0.95	1	1	37.164499
Type 3_str	BOBJ1	168.2522	After	Interior Girder 2	168.2522	0.95	1	1	37.164497
Type 3_str	BOBJ1	168.2522	After	Right Exterior Girder	168.2522	0.95	1	1	48.358073
Type 3_str	BOBJ1	168.75	Before	Left Exterior Girder	168.75	0.95	1	1	48.338789
Type 3_str	BOBJ1	168.75	Before	Interior Girder 1	168.75	0.95	1	1	37.148403
Type 3_str	BOBJ1	168.75	Before	Interior Girder 2	168.75	0.95	1	1	37.148401
Type 3_str	BOBJ1	168.75	Before	Right Exterior Girder	168.75	0.95	1	1	48.338787
Type 3_str	BOBJ1	168.75	After	Left Exterior Girder	168.75	0.95	1	1	52.825256
Type 3_str	BOBJ1	168.75	After	Interior Girder 1	168.75	0.95	1	1	38.433206
Type 3_str	BOBJ1	168.75	After	Interior Girder 2	168.75	0.95	1	1	38.433204
Type 3_str	BOBJ1	168.75	After	Right Exterior Girder	168.75	0.95	1	1	52.825256
Type 3_str	BOBJ1	180	Before	Left Exterior Girder	180	0.95	1	1	52.350994
Type 3_str	BOBJ1	180	Before	Interior Girder 1	180	0.95	1	1	38.053801
Type 3_str	BOBJ1	180	Before	Interior Girder 2	180	0.95	1	1	38.053798
Type 3_str	BOBJ1	180	Before	Right Exterior Girder	180	0.95	1	1	52.350994
Type 3_str	BOBJ1	180	After	Left Exterior Girder	180	0.95	1	1	48.874232
Type 3_str	BOBJ1	180	After	Interior Girder 1	180	0.95	1	1	35.287224
Type 3_str	BOBJ1	180	After	Interior Girder 2	180	0.95	1	1	35.287223
Type 3_str	BOBJ1	180	After	Right Exterior Girder	180	0.95	1	1	48.874235
Type 3_str	BOBJ1	183.1858	Before	Left Exterior Girder	183.1858	0.95	1	1	48.748272
Type 3_str	BOBJ1	183.1858	Before	Interior Girder 1	183.1858	0.95	1	1	35.187343
Type 3_str	BOBJ1	183.1858	Before	Interior Girder 2	183.1858	0.95	1	1	35.187341
Type 3_str	BOBJ1	183.1858	Before	Right Exterior Girder	183.1858	0.95	1	1	48.748275
Type 3_str	BOBJ1	183.1858	After	Left Exterior Girder	183.1858	0.95	1	1	77.926767
Type 3_str	BOBJ1	183.1858	After	Interior Girder 1	183.1858	0.95	1	1	54.854148
Type 3_str	BOBJ1	183.1858	After	Interior Girder 2	183.1858	0.95	1	1	54.854145
Type 3_str	BOBJ1	183.1858	After	Right Exterior Girder	183.1858	0.95	1	1	77.926771
Type 3_str	BOBJ1	191.25	Before	Left Exterior Girder	191.25	0.95	1	1	77.521068
Type 3_str	BOBJ1	191.25	Before	Interior Girder 1	191.25	0.95	1	1	54.546076
Type 3_str	BOBJ1	191.25	Before	Interior Girder 2	191.25	0.95	1	1	54.546074
Type 3_str	BOBJ1	191.25	Before	Right Exterior Girder	191.25	0.95	1	1	77.521072
Type 3_str	BOBJ1	191.25	After	Left Exterior Girder	191.25	0.95	1	1	75.503536
Type 3_str	BOBJ1	191.25	After	Interior Girder 1	191.25	0.95	1	1	50.379317
Type 3_str	BOBJ1	191.25	After	Interior Girder 2	191.25	0.95	1	1	50.379315
Type 3_str	BOBJ1	191.25	After	Right Exterior Girder	191.25	0.95	1	1	75.503539
Type 3_str	BOBJ1	199.9414	Before	Left Exterior Girder	199.9414	0.95	1	1	75.076857
Type 3_str	BOBJ1	199.9414	Before	Interior Girder 1	199.9414	0.95	1	1	50.072131
Type 3_str	BOBJ1	199.9414	Before	Interior Girder 2	199.9414	0.95	1	1	50.072129
Type 3_str	BOBJ1	199.9414	Before	Right Exterior Girder	199.9414	0.95	1	1	75.07686
Type 3_str	BOBJ1	199.9414	After	Left Exterior Girder	199.9414	0.95	1	1	95.769905
Type 3_str	BOBJ1	199.9414	After	Interior Girder 1	199.9414	0.95	1	1	60.841897
Type 3_str	BOBJ1	199.9414	After	Interior Girder 2	199.9414	0.95	1	1	60.841896
Type 3_str	BOBJ1	199.9414	After	Right Exterior Girder	199.9414	0.95	1	1	95.769908
Type 3_str	BOBJ1	202.5	Before	Left Exterior Girder	202.5	0.95	1	1	95.626689
Type 3_str	BOBJ1	202.5	Before	Interior Girder 1	202.5	0.95	1	1	60.74489
Type 3_str	BOBJ1	202.5	Before	Interior Girder 2	202.5	0.95	1	1	60.744888
Type 3_str	BOBJ1	202.5	Before	Right Exterior Girder	202.5	0.95	1	1	95.626692
Type 3_str	BOBJ1	202.5	After	Left Exterior Girder	202.5	0.95	1	1	96.421532
Type 3_str	BOBJ1	202.5	After	Interior Girder 1	202.5	0.95	1	1	61.278542
Type 3_str	BOBJ1	202.5	After	Interior Girder 2	202.5	0.95	1	1	61.278541
Type 3_str	BOBJ1	202.5	After	Right Exterior Girder	202.5	0.95	1	1	96.421535
Type 3_str	BOBJ1	210.5642	Before	Left Exterior Girder	210.5642	0.95	1	1	95.965934
Type 3_str	BOBJ1	210.5642	Before	Interior Girder 1	210.5642	0.95	1	1	60.969547
Type 3_str	BOBJ1	210.5642	Before	Interior Girder 2	210.5642	0.95	1	1	60.969546
Type 3_str	BOBJ1	210.5642	Before	Right Exterior Girder	210.5642	0.95	1	1	95.965937
Type 3_str	BOBJ1	210.5642	After	Left Exterior Girder	210.5642	0.95	1	1	116.52805
Type 3_str	BOBJ1	210.5642	After	Interior Girder 1	210.5642	0.95	1	1	70.909367
Type 3_str	BOBJ1	210.5642	After	Interior Girder 2	210.5642	0.95	1	1	70.909366
Type 3_str	BOBJ1	210.5642	After	Right Exterior Girder	210.5642	0.95	1	1	116.528053
Type 3_str	BOBJ1	213.75	Before	Left Exterior Girder	213.75	0.95	1	1	116.325583
Type 3_str	BOBJ1	213.75	Before	Interior Girder 1	213.75	0.95	1	1	70.778996
Type 3_str	BOBJ1	213.75	Before	Interior Girder 2	213.75	0.95	1	1	70.778995
Type 3_str	BOBJ1	213.75	Before	Right Exterior Girder	213.75	0.95	1	1	116.325586

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Main Span Girders									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Type 3_str	BOBJ1	213.75	After	Left Exterior Girder	213.75	0.95	1	1	116.501247
Type 3_str	BOBJ1	213.75	After	Interior Girder 1	213.75	0.95	1	1	69.00745
Type 3_str	BOBJ1	213.75	After	Interior Girder 2	213.75	0.95	1	1	69.007449
Type 3_str	BOBJ1	213.75	After	Right Exterior Girder	213.75	0.95	1	1	116.50125
Type 3_str	BOBJ1	225	Before	Left Exterior Girder	225	0.95	1	1	115.784622
Type 3_str	BOBJ1	225	Before	Interior Girder 1	225	0.95	1	1	68.558149
Type 3_str	BOBJ1	225	Before	Interior Girder 2	225	0.95	1	1	68.558149
Type 3_str	BOBJ1	225	Before	Right Exterior Girder	225	0.95	1	1	115.784624
Type 3_str	BOBJ1	225	After	Left Exterior Girder	0	0.95	1	1	109.07692
Type 3_str	BOBJ1	225	After	Interior Girder 1	0	0.95	1	1	64.634191
Type 3_str	BOBJ1	225	After	Interior Girder 2	0	0.95	1	1	64.634191
Type 3_str	BOBJ1	225	After	Right Exterior Girder	0	0.95	1	1	109.076919
Type 3_str	BOBJ1	236.45	Before	Left Exterior Girder	11.45	0.95	1	1	111.922105
Type 3_str	BOBJ1	236.45	Before	Interior Girder 1	11.45	0.95	1	1	68.851287
Type 3_str	BOBJ1	236.45	Before	Interior Girder 2	11.45	0.95	1	1	68.851287
Type 3_str	BOBJ1	236.45	Before	Right Exterior Girder	11.45	0.95	1	1	111.922103
Type 3_str	BOBJ1	236.45	After	Left Exterior Girder	11.45	0.95	1	1	111.729747
Type 3_str	BOBJ1	236.45	After	Interior Girder 1	11.45	0.95	1	1	69.621466
Type 3_str	BOBJ1	236.45	After	Interior Girder 2	11.45	0.95	1	1	69.621466
Type 3_str	BOBJ1	236.45	After	Right Exterior Girder	11.45	0.95	1	1	111.729746
Type 3_str	BOBJ1	239.5082	Before	Left Exterior Girder	14.5082	0.95	1	1	111.918388
Type 3_str	BOBJ1	239.5082	Before	Interior Girder 1	14.5082	0.95	1	1	69.745803
Type 3_str	BOBJ1	239.5082	Before	Interior Girder 2	14.5082	0.95	1	1	69.745804
Type 3_str	BOBJ1	239.5082	Before	Right Exterior Girder	14.5082	0.95	1	1	111.918387
Type 3_str	BOBJ1	239.5082	After	Left Exterior Girder	14.5082	0.95	1	1	91.731924
Type 3_str	BOBJ1	239.5082	After	Interior Girder 1	14.5082	0.95	1	1	59.973561
Type 3_str	BOBJ1	239.5082	After	Interior Girder 2	14.5082	0.95	1	1	59.973561
Type 3_str	BOBJ1	239.5082	After	Right Exterior Girder	14.5082	0.95	1	1	91.731923
Type 3_str	BOBJ1	247.9	Before	Left Exterior Girder	22.9	0.95	1	1	92.191077
Type 3_str	BOBJ1	247.9	Before	Interior Girder 1	22.9	0.95	1	1	60.293875
Type 3_str	BOBJ1	247.9	Before	Interior Girder 2	22.9	0.95	1	1	60.293875
Type 3_str	BOBJ1	247.9	Before	Right Exterior Girder	22.9	0.95	1	1	92.191076
Type 3_str	BOBJ1	247.9	After	Left Exterior Girder	22.9	0.95	1	1	95.60402
Type 3_str	BOBJ1	247.9	After	Interior Girder 1	22.9	0.95	1	1	64.365458
Type 3_str	BOBJ1	247.9	After	Interior Girder 2	22.9	0.95	1	1	64.365458
Type 3_str	BOBJ1	247.9	After	Right Exterior Girder	22.9	0.95	1	1	95.604018
Type 3_str	BOBJ1	258.5189	Before	Left Exterior Girder	33.5189	0.95	1	1	96.205164
Type 3_str	BOBJ1	258.5189	Before	Interior Girder 1	33.5189	0.95	1	1	64.797281
Type 3_str	BOBJ1	258.5189	Before	Interior Girder 2	33.5189	0.95	1	1	64.797281
Type 3_str	BOBJ1	258.5189	Before	Right Exterior Girder	33.5189	0.95	1	1	96.205162
Type 3_str	BOBJ1	258.5189	After	Left Exterior Girder	33.5189	0.95	1	1	70.761558
Type 3_str	BOBJ1	258.5189	After	Interior Girder 1	33.5189	0.95	1	1	51.032498
Type 3_str	BOBJ1	258.5189	After	Interior Girder 2	33.5189	0.95	1	1	51.032498
Type 3_str	BOBJ1	258.5189	After	Right Exterior Girder	33.5189	0.95	1	1	70.761556
Type 3_str	BOBJ1	259.3	Before	Left Exterior Girder	34.3	0.95	1	1	70.798171
Type 3_str	BOBJ1	259.3	Before	Interior Girder 1	34.3	0.95	1	1	51.060791
Type 3_str	BOBJ1	259.3	Before	Interior Girder 2	34.3	0.95	1	1	51.060792
Type 3_str	BOBJ1	259.3	Before	Right Exterior Girder	34.3	0.95	1	1	70.798169
Type 3_str	BOBJ1	259.3	After	Left Exterior Girder	34.3	0.95	1	1	73.938923
Type 3_str	BOBJ1	259.3	After	Interior Girder 1	34.3	0.95	1	1	52.405708
Type 3_str	BOBJ1	259.3	After	Interior Girder 2	34.3	0.95	1	1	52.405709
Type 3_str	BOBJ1	259.3	After	Right Exterior Girder	34.3	0.95	1	1	73.938922
Type 3_str	BOBJ1	266.1031	Before	Left Exterior Girder	41.1031	0.95	1	1	74.270549
Type 3_str	BOBJ1	266.1031	Before	Interior Girder 1	41.1031	0.95	1	1	52.659247
Type 3_str	BOBJ1	266.1031	Before	Interior Girder 2	41.1031	0.95	1	1	52.659248
Type 3_str	BOBJ1	266.1031	Before	Right Exterior Girder	41.1031	0.95	1	1	74.270547
Type 3_str	BOBJ1	266.1031	After	Left Exterior Girder	41.1031	0.95	1	1	46.583634
Type 3_str	BOBJ1	266.1031	After	Interior Girder 1	41.1031	0.95	1	1	34.040448
Type 3_str	BOBJ1	266.1031	After	Interior Girder 2	41.1031	0.95	1	1	34.040449
Type 3_str	BOBJ1	266.1031	After	Right Exterior Girder	41.1031	0.95	1	1	46.583633
Type 3_str	BOBJ1	270.7	Before	Left Exterior Girder	45.7	0.95	1	1	46.761863
Type 3_str	BOBJ1	270.7	Before	Interior Girder 1	45.7	0.95	1	1	34.183589
Type 3_str	BOBJ1	270.7	Before	Interior Girder 2	45.7	0.95	1	1	34.18359
Type 3_str	BOBJ1	270.7	Before	Right Exterior Girder	45.7	0.95	1	1	46.761862
Type 3_str	BOBJ1	270.7	After	Left Exterior Girder	45.7	0.95	1	1	47.163433
Type 3_str	BOBJ1	270.7	After	Interior Girder 1	45.7	0.95	1	1	33.104649
Type 3_str	BOBJ1	270.7	After	Interior Girder 2	45.7	0.95	1	1	33.104649
Type 3_str	BOBJ1	270.7	After	Right Exterior Girder	45.7	0.95	1	1	47.163431

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Main Span Girders									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Type 3_str	BOBJ1	273.6874	Before	Left Exterior Girder	48.6874	0.95	1	1	47.280031
Type 3_str	BOBJ1	273.6874	Before	Interior Girder 1	48.6874	0.95	1	1	33.194455
Type 3_str	BOBJ1	273.6874	Before	Interior Girder 2	48.6874	0.95	1	1	33.194456
Type 3_str	BOBJ1	273.6874	Before	Right Exterior Girder	48.6874	0.95	1	1	47.28003
Type 3_str	BOBJ1	273.6874	After	Left Exterior Girder	48.6874	0.95	1	1	31.222538
Type 3_str	BOBJ1	273.6874	After	Interior Girder 1	48.6874	0.95	1	1	23.090365
Type 3_str	BOBJ1	273.6874	After	Interior Girder 2	48.6874	0.95	1	1	23.090365
Type 3_str	BOBJ1	273.6874	After	Right Exterior Girder	48.6874	0.95	1	1	31.222537
Type 3_str	BOBJ1	282.15	Before	Left Exterior Girder	57.15	0.95	1	1	31.501885
Type 3_str	BOBJ1	282.15	Before	Interior Girder 1	57.15	0.95	1	1	23.322097
Type 3_str	BOBJ1	282.15	Before	Interior Girder 2	57.15	0.95	1	1	23.322097
Type 3_str	BOBJ1	282.15	Before	Right Exterior Girder	57.15	0.95	1	1	31.501884
Type 3_str	BOBJ1	282.15	After	Left Exterior Girder	57.15	0.95	1	1	31.981676
Type 3_str	BOBJ1	282.15	After	Interior Girder 1	57.15	0.95	1	1	24.330253
Type 3_str	BOBJ1	282.15	After	Interior Girder 2	57.15	0.95	1	1	24.330253
Type 3_str	BOBJ1	282.15	After	Right Exterior Girder	57.15	0.95	1	1	31.981674
Type 3_str	BOBJ1	293.6	Before	Left Exterior Girder	68.6	0.95	1	1	33.710214
Type 3_str	BOBJ1	293.6	Before	Interior Girder 1	68.6	0.95	1	1	26.62567
Type 3_str	BOBJ1	293.6	Before	Interior Girder 2	68.6	0.95	1	1	26.62567
Type 3_str	BOBJ1	293.6	Before	Right Exterior Girder	68.6	0.95	1	1	33.710212
Type 3_str	BOBJ1	293.6	After	Left Exterior Girder	68.6	0.95	1	1	34.533645
Type 3_str	BOBJ1	293.6	After	Interior Girder 1	68.6	0.95	1	1	25.117342
Type 3_str	BOBJ1	293.6	After	Interior Girder 2	68.6	0.95	1	1	25.117342
Type 3_str	BOBJ1	293.6	After	Right Exterior Girder	68.6	0.95	1	1	34.533647
Type 3_str	BOBJ1	305	Before	Left Exterior Girder	80	0.95	1	1	36.476626
Type 3_str	BOBJ1	305	Before	Interior Girder 1	80	0.95	1	1	27.227871
Type 3_str	BOBJ1	305	Before	Interior Girder 2	80	0.95	1	1	27.227871
Type 3_str	BOBJ1	305	Before	Right Exterior Girder	80	0.95	1	1	36.476629
Type 3_str	BOBJ1	305	After	Left Exterior Girder	80	0.95	1	1	35.675565
Type 3_str	BOBJ1	305	After	Interior Girder 1	80	0.95	1	1	27.198236
Type 3_str	BOBJ1	305	After	Interior Girder 2	80	0.95	1	1	27.198235
Type 3_str	BOBJ1	305	After	Right Exterior Girder	80	0.95	1	1	35.675568
Type 3_str	BOBJ1	306.9561	Before	Left Exterior Girder	81.9561	0.95	1	1	35.745988
Type 3_str	BOBJ1	306.9561	Before	Interior Girder 1	81.9561	0.95	1	1	27.258017
Type 3_str	BOBJ1	306.9561	Before	Interior Girder 2	81.9561	0.95	1	1	27.258017
Type 3_str	BOBJ1	306.9561	Before	Right Exterior Girder	81.9561	0.95	1	1	35.745991
Type 3_str	BOBJ1	306.9561	After	Left Exterior Girder	81.9561	0.95	1	1	65.501987
Type 3_str	BOBJ1	306.9561	After	Interior Girder 1	81.9561	0.95	1	1	51.120292
Type 3_str	BOBJ1	306.9561	After	Interior Girder 2	81.9561	0.95	1	1	51.120291
Type 3_str	BOBJ1	306.9561	After	Right Exterior Girder	81.9561	0.95	1	1	65.501993
Type 3_str	BOBJ1	316.4	Before	Left Exterior Girder	91.4	0.95	1	1	65.973092
Type 3_str	BOBJ1	316.4	Before	Interior Girder 1	91.4	0.95	1	1	51.523246
Type 3_str	BOBJ1	316.4	Before	Interior Girder 2	91.4	0.95	1	1	51.523246
Type 3_str	BOBJ1	316.4	Before	Right Exterior Girder	91.4	0.95	1	1	65.973098
Type 3_str	BOBJ1	316.4	After	Left Exterior Girder	91.4	0.95	1	1	67.862868
Type 3_str	BOBJ1	316.4	After	Interior Girder 1	91.4	0.95	1	1	47.437912
Type 3_str	BOBJ1	316.4	After	Interior Girder 2	91.4	0.95	1	1	47.437912
Type 3_str	BOBJ1	316.4	After	Right Exterior Girder	91.4	0.95	1	1	67.86287
Type 3_str	BOBJ1	327.85	Before	Left Exterior Girder	102.9679	0.95	1	1	71.941837
Type 3_str	BOBJ1	327.85	Before	Interior Girder 1	102.9679	0.95	1	1	51.727421
Type 3_str	BOBJ1	327.85	Before	Interior Girder 2	102.9679	0.95	1	1	51.727423
Type 3_str	BOBJ1	327.85	Before	Right Exterior Girder	102.9679	0.95	1	1	71.94184
Type 3_str	BOBJ1	327.85	After	Left Exterior Girder	102.9679	0.95	1	1	112.152182
Type 3_str	BOBJ1	327.85	After	Interior Girder 1	102.9679	0.95	1	1	81.056786
Type 3_str	BOBJ1	327.85	After	Interior Girder 2	102.9679	0.95	1	1	81.056788
Type 3_str	BOBJ1	327.85	After	Right Exterior Girder	102.9679	0.95	1	1	112.152185
Type 3_str	BOBJ1	339.3	Before	Left Exterior Girder	114.3	0.95	1	1	118.486571
Type 3_str	BOBJ1	339.3	Before	Interior Girder 1	114.3	0.95	1	1	88.165806
Type 3_str	BOBJ1	339.3	Before	Interior Girder 2	114.3	0.95	1	1	88.165808
Type 3_str	BOBJ1	339.3	Before	Right Exterior Girder	114.3	0.95	1	1	118.486573
Type 3_str	BOBJ1	339.3	After	Left Exterior Girder	114.3	0.95	1	1	122.619386
Type 3_str	BOBJ1	339.3	After	Interior Girder 1	114.3	0.95	1	1	80.21584
Type 3_str	BOBJ1	339.3	After	Interior Girder 2	114.3	0.95	1	1	80.215838
Type 3_str	BOBJ1	339.3	After	Right Exterior Girder	114.3	0.95	1	1	122.619383
Type 3_str	BOBJ1	350.7	Before	Left Exterior Girder	125.7	0.95	1	1	130.360261
Type 3_str	BOBJ1	350.7	Before	Interior Girder 1	125.7	0.95	1	1	87.531543
Type 3_str	BOBJ1	350.7	Before	Interior Girder 2	125.7	0.95	1	1	87.53154
Type 3_str	BOBJ1	350.7	Before	Right Exterior Girder	125.7	0.95	1	1	130.360258

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Main Span Girders									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Type 3_str	BOBJ1	350.7	After	Left Exterior Girder	125.7	0.95	1	1	133.509152
Type 3_str	BOBJ1	350.7	After	Interior Girder 1	125.7	0.95	1	1	89.562694
Type 3_str	BOBJ1	350.7	After	Interior Girder 2	125.7	0.95	1	1	89.562691
Type 3_str	BOBJ1	350.7	After	Right Exterior Girder	125.7	0.95	1	1	133.509151
Type 3_str	BOBJ1	362.1	Before	Left Exterior Girder	137.1	0.95	1	1	142.148131
Type 3_str	BOBJ1	362.1	Before	Interior Girder 1	137.1	0.95	1	1	97.90126
Type 3_str	BOBJ1	362.1	Before	Interior Girder 2	137.1	0.95	1	1	97.901259
Type 3_str	BOBJ1	362.1	Before	Right Exterior Girder	137.1	0.95	1	1	142.148131
Type 3_str	BOBJ1	362.1	After	Left Exterior Girder	137.1	0.95	1	1	148.427101
Type 3_str	BOBJ1	362.1	After	Interior Girder 1	137.1	0.95	1	1	88.020502
Type 3_str	BOBJ1	362.1	After	Interior Girder 2	137.1	0.95	1	1	88.020503
Type 3_str	BOBJ1	362.1	After	Right Exterior Girder	137.1	0.95	1	1	148.42709
Type 3_str	BOBJ1	373.55	Before	Left Exterior Girder	148.55	0.95	1	1	159.278461
Type 3_str	BOBJ1	373.55	Before	Interior Girder 1	148.55	0.95	1	1	96.428072
Type 3_str	BOBJ1	373.55	Before	Interior Girder 2	148.55	0.95	1	1	96.428071
Type 3_str	BOBJ1	373.55	Before	Right Exterior Girder	148.55	0.95	1	1	159.278448
Type 3_str	BOBJ1	373.55	After	Left Exterior Girder	148.55	0.95	1	1	164.134206
Type 3_str	BOBJ1	373.55	After	Interior Girder 1	148.55	0.95	1	1	98.73222
Type 3_str	BOBJ1	373.55	After	Interior Girder 2	148.55	0.95	1	1	98.732221
Type 3_str	BOBJ1	373.55	After	Right Exterior Girder	148.55	0.95	1	1	164.13419
Type 3_str	BOBJ1	385	Before	Left Exterior Girder	160	0.95	1	1	176.820333
Type 3_str	BOBJ1	385	Before	Interior Girder 1	160	0.95	1	1	96.555208
Type 3_str	BOBJ1	385	Before	Interior Girder 2	160	0.95	1	1	96.555206
Type 3_str	BOBJ1	385	Before	Right Exterior Girder	160	0.95	1	1	176.820313
Type 3_str	BOBJ1	385	After	Left Exterior Girder	160	0.95	1	1	176.820313
Type 3_str	BOBJ1	385	After	Interior Girder 1	160	0.95	1	1	96.5552
Type 3_str	BOBJ1	385	After	Interior Girder 2	160	0.95	1	1	96.555204
Type 3_str	BOBJ1	385	After	Right Exterior Girder	160	0.95	1	1	176.820335
Type 3_str	BOBJ1	396.45	Before	Left Exterior Girder	171.45	0.95	1	1	164.134188
Type 3_str	BOBJ1	396.45	Before	Interior Girder 1	171.45	0.95	1	1	98.732225
Type 3_str	BOBJ1	396.45	Before	Interior Girder 2	171.45	0.95	1	1	98.732223
Type 3_str	BOBJ1	396.45	Before	Right Exterior Girder	171.45	0.95	1	1	164.134205
Type 3_str	BOBJ1	396.45	After	Left Exterior Girder	171.45	0.95	1	1	159.278442
Type 3_str	BOBJ1	396.45	After	Interior Girder 1	171.45	0.95	1	1	96.428076
Type 3_str	BOBJ1	396.45	After	Interior Girder 2	171.45	0.95	1	1	96.428074
Type 3_str	BOBJ1	396.45	After	Right Exterior Girder	171.45	0.95	1	1	159.278457
Type 3_str	BOBJ1	407.9	Before	Left Exterior Girder	182.9	0.95	1	1	148.427087
Type 3_str	BOBJ1	407.9	Before	Interior Girder 1	182.9	0.95	1	1	88.020509
Type 3_str	BOBJ1	407.9	Before	Interior Girder 2	182.9	0.95	1	1	88.020505
Type 3_str	BOBJ1	407.9	Before	Right Exterior Girder	182.9	0.95	1	1	148.427098
Type 3_str	BOBJ1	407.9	After	Left Exterior Girder	182.9	0.95	1	1	142.148118
Type 3_str	BOBJ1	407.9	After	Interior Girder 1	182.9	0.95	1	1	97.901268
Type 3_str	BOBJ1	407.9	After	Interior Girder 2	182.9	0.95	1	1	97.901264
Type 3_str	BOBJ1	407.9	After	Right Exterior Girder	182.9	0.95	1	1	142.148122
Type 3_str	BOBJ1	419.3	Before	Left Exterior Girder	194.3	0.95	1	1	133.509141
Type 3_str	BOBJ1	419.3	Before	Interior Girder 1	194.3	0.95	1	1	89.562697
Type 3_str	BOBJ1	419.3	Before	Interior Girder 2	194.3	0.95	1	1	89.562695
Type 3_str	BOBJ1	419.3	Before	Right Exterior Girder	194.3	0.95	1	1	133.509146
Type 3_str	BOBJ1	419.3	After	Left Exterior Girder	194.3	0.95	1	1	130.360247
Type 3_str	BOBJ1	419.3	After	Interior Girder 1	194.3	0.95	1	1	87.531545
Type 3_str	BOBJ1	419.3	After	Interior Girder 2	194.3	0.95	1	1	87.531544
Type 3_str	BOBJ1	419.3	After	Right Exterior Girder	194.3	0.95	1	1	130.360256
Type 3_str	BOBJ1	430.7	Before	Left Exterior Girder	205.7	0.95	1	1	122.619376
Type 3_str	BOBJ1	430.7	Before	Interior Girder 1	205.7	0.95	1	1	80.215845
Type 3_str	BOBJ1	430.7	Before	Interior Girder 2	205.7	0.95	1	1	80.215841
Type 3_str	BOBJ1	430.7	Before	Right Exterior Girder	205.7	0.95	1	1	122.619382
Type 3_str	BOBJ1	430.7	After	Left Exterior Girder	205.7	0.95	1	1	118.486569
Type 3_str	BOBJ1	430.7	After	Interior Girder 1	205.7	0.95	1	1	88.165809
Type 3_str	BOBJ1	430.7	After	Interior Girder 2	205.7	0.95	1	1	88.165805
Type 3_str	BOBJ1	430.7	After	Right Exterior Girder	205.7	0.95	1	1	118.486581
Type 3_str	BOBJ1	442.15	Before	Left Exterior Girder	217.0321	0.95	1	1	112.152183
Type 3_str	BOBJ1	442.15	Before	Interior Girder 1	217.0321	0.95	1	1	81.056787
Type 3_str	BOBJ1	442.15	Before	Interior Girder 2	217.0321	0.95	1	1	81.056785
Type 3_str	BOBJ1	442.15	Before	Right Exterior Girder	217.0321	0.95	1	1	112.152191
Type 3_str	BOBJ1	442.15	After	Left Exterior Girder	217.0321	0.95	1	1	71.941837
Type 3_str	BOBJ1	442.15	After	Interior Girder 1	217.0321	0.95	1	1	51.727422
Type 3_str	BOBJ1	442.15	After	Interior Girder 2	217.0321	0.95	1	1	51.727421
Type 3_str	BOBJ1	442.15	After	Right Exterior Girder	217.0321	0.95	1	1	71.941843

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Main Span Girders									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Type 3_str	BOBJ1	453.6	Before	Left Exterior Girder	228.6	0.95	1	1	67.862868
Type 3_str	BOBJ1	453.6	Before	Interior Girder 1	228.6	0.95	1	1	47.437913
Type 3_str	BOBJ1	453.6	Before	Interior Girder 2	228.6	0.95	1	1	47.437911
Type 3_str	BOBJ1	453.6	Before	Right Exterior Girder	228.6	0.95	1	1	67.862873
Type 3_str	BOBJ1	453.6	After	Left Exterior Girder	228.6	0.95	1	1	65.973095
Type 3_str	BOBJ1	453.6	After	Interior Girder 1	228.6	0.95	1	1	51.523246
Type 3_str	BOBJ1	453.6	After	Interior Girder 2	228.6	0.95	1	1	51.523245
Type 3_str	BOBJ1	453.6	After	Right Exterior Girder	228.6	0.95	1	1	65.973093
Type 3_str	BOBJ1	463.0439	Before	Left Exterior Girder	238.0439	0.95	1	1	65.501989
Type 3_str	BOBJ1	463.0439	Before	Interior Girder 1	238.0439	0.95	1	1	51.120292
Type 3_str	BOBJ1	463.0439	Before	Interior Girder 2	238.0439	0.95	1	1	51.12029
Type 3_str	BOBJ1	463.0439	Before	Right Exterior Girder	238.0439	0.95	1	1	65.501988
Type 3_str	BOBJ1	463.0439	After	Left Exterior Girder	238.0439	0.95	1	1	35.745989
Type 3_str	BOBJ1	463.0439	After	Interior Girder 1	238.0439	0.95	1	1	27.258017
Type 3_str	BOBJ1	463.0439	After	Interior Girder 2	238.0439	0.95	1	1	27.258016
Type 3_str	BOBJ1	463.0439	After	Right Exterior Girder	238.0439	0.95	1	1	35.745988
Type 3_str	BOBJ1	465	Before	Left Exterior Girder	240	0.95	1	1	35.675566
Type 3_str	BOBJ1	465	Before	Interior Girder 1	240	0.95	1	1	27.198236
Type 3_str	BOBJ1	465	Before	Interior Girder 2	240	0.95	1	1	27.198235
Type 3_str	BOBJ1	465	Before	Right Exterior Girder	240	0.95	1	1	35.675565
Type 3_str	BOBJ1	465	After	Left Exterior Girder	240	0.95	1	1	36.476627
Type 3_str	BOBJ1	465	After	Interior Girder 1	240	0.95	1	1	27.22787
Type 3_str	BOBJ1	465	After	Interior Girder 2	240	0.95	1	1	27.22787
Type 3_str	BOBJ1	465	After	Right Exterior Girder	240	0.95	1	1	36.476627
Type 3_str	BOBJ1	476.4	Before	Left Exterior Girder	251.4	0.95	1	1	34.533645
Type 3_str	BOBJ1	476.4	Before	Interior Girder 1	251.4	0.95	1	1	25.117342
Type 3_str	BOBJ1	476.4	Before	Interior Girder 2	251.4	0.95	1	1	25.117342
Type 3_str	BOBJ1	476.4	Before	Right Exterior Girder	251.4	0.95	1	1	34.533645
Type 3_str	BOBJ1	476.4	After	Left Exterior Girder	251.4	0.95	1	1	33.710211
Type 3_str	BOBJ1	476.4	After	Interior Girder 1	251.4	0.95	1	1	26.625671
Type 3_str	BOBJ1	476.4	After	Interior Girder 2	251.4	0.95	1	1	26.625672
Type 3_str	BOBJ1	476.4	After	Right Exterior Girder	251.4	0.95	1	1	33.710211
Type 3_str	BOBJ1	487.85	Before	Left Exterior Girder	262.85	0.95	1	1	31.981674
Type 3_str	BOBJ1	487.85	Before	Interior Girder 1	262.85	0.95	1	1	24.330253
Type 3_str	BOBJ1	487.85	Before	Interior Girder 2	262.85	0.95	1	1	24.330255
Type 3_str	BOBJ1	487.85	Before	Right Exterior Girder	262.85	0.95	1	1	31.981673
Type 3_str	BOBJ1	487.85	After	Left Exterior Girder	262.85	0.95	1	1	31.501883
Type 3_str	BOBJ1	487.85	After	Interior Girder 1	262.85	0.95	1	1	23.322097
Type 3_str	BOBJ1	487.85	After	Interior Girder 2	262.85	0.95	1	1	23.322099
Type 3_str	BOBJ1	487.85	After	Right Exterior Girder	262.85	0.95	1	1	31.501883
Type 3_str	BOBJ1	496.3126	Before	Left Exterior Girder	271.3126	0.95	1	1	31.222536
Type 3_str	BOBJ1	496.3126	Before	Interior Girder 1	271.3126	0.95	1	1	23.090364
Type 3_str	BOBJ1	496.3126	Before	Interior Girder 2	271.3126	0.95	1	1	23.090366
Type 3_str	BOBJ1	496.3126	Before	Right Exterior Girder	271.3126	0.95	1	1	31.222536
Type 3_str	BOBJ1	496.3126	After	Left Exterior Girder	271.3126	0.95	1	1	47.280028
Type 3_str	BOBJ1	496.3126	After	Interior Girder 1	271.3126	0.95	1	1	33.194455
Type 3_str	BOBJ1	496.3126	After	Interior Girder 2	271.3126	0.95	1	1	33.194457
Type 3_str	BOBJ1	496.3126	After	Right Exterior Girder	271.3126	0.95	1	1	47.280028
Type 3_str	BOBJ1	499.3	Before	Left Exterior Girder	274.3	0.95	1	1	47.163429
Type 3_str	BOBJ1	499.3	Before	Interior Girder 1	274.3	0.95	1	1	33.104649
Type 3_str	BOBJ1	499.3	Before	Interior Girder 2	274.3	0.95	1	1	33.104651
Type 3_str	BOBJ1	499.3	Before	Right Exterior Girder	274.3	0.95	1	1	47.163429
Type 3_str	BOBJ1	499.3	After	Left Exterior Girder	274.3	0.95	1	1	46.761863
Type 3_str	BOBJ1	499.3	After	Interior Girder 1	274.3	0.95	1	1	34.183589
Type 3_str	BOBJ1	499.3	After	Interior Girder 2	274.3	0.95	1	1	34.183592
Type 3_str	BOBJ1	499.3	After	Right Exterior Girder	274.3	0.95	1	1	46.76186
Type 3_str	BOBJ1	503.8969	Before	Left Exterior Girder	278.8969	0.95	1	1	46.583634
Type 3_str	BOBJ1	503.8969	Before	Interior Girder 1	278.8969	0.95	1	1	34.040448
Type 3_str	BOBJ1	503.8969	Before	Interior Girder 2	278.8969	0.95	1	1	34.040451
Type 3_str	BOBJ1	503.8969	Before	Right Exterior Girder	278.8969	0.95	1	1	46.583631
Type 3_str	BOBJ1	503.8969	After	Left Exterior Girder	278.8969	0.95	1	1	74.270548
Type 3_str	BOBJ1	503.8969	After	Interior Girder 1	278.8969	0.95	1	1	52.659247
Type 3_str	BOBJ1	503.8969	After	Interior Girder 2	278.8969	0.95	1	1	52.65925
Type 3_str	BOBJ1	503.8969	After	Right Exterior Girder	278.8969	0.95	1	1	74.270544
Type 3_str	BOBJ1	510.7	Before	Left Exterior Girder	285.7	0.95	1	1	73.938923
Type 3_str	BOBJ1	510.7	Before	Interior Girder 1	285.7	0.95	1	1	52.405708
Type 3_str	BOBJ1	510.7	Before	Interior Girder 2	285.7	0.95	1	1	52.405711
Type 3_str	BOBJ1	510.7	Before	Right Exterior Girder	285.7	0.95	1	1	73.938918

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Main Span Girders									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Type 3_str	BOBJ1	510.7	After	Left Exterior Girder	285.7	0.95	1	1	68.508114
Type 3_str	BOBJ1	510.7	After	Interior Girder 1	285.7	0.95	1	1	47.725482
Type 3_str	BOBJ1	510.7	After	Interior Girder 2	285.7	0.95	1	1	47.725484
Type 3_str	BOBJ1	510.7	After	Right Exterior Girder	285.7	0.95	1	1	68.508111
Type 3_str	BOBJ1	511.4811	Before	Left Exterior Girder	286.4811	0.95	1	1	68.472685
Type 3_str	BOBJ1	511.4811	Before	Interior Girder 1	286.4811	0.95	1	1	47.699037
Type 3_str	BOBJ1	511.4811	Before	Interior Girder 2	286.4811	0.95	1	1	47.699038
Type 3_str	BOBJ1	511.4811	Before	Right Exterior Girder	286.4811	0.95	1	1	68.472682
Type 3_str	BOBJ1	511.4811	After	Left Exterior Girder	286.4811	0.95	1	1	96.458761
Type 3_str	BOBJ1	511.4811	After	Interior Girder 1	286.4811	0.95	1	1	65.169752
Type 3_str	BOBJ1	511.4811	After	Interior Girder 2	286.4811	0.95	1	1	65.169754
Type 3_str	BOBJ1	511.4811	After	Right Exterior Girder	286.4811	0.95	1	1	96.458757
Type 3_str	BOBJ1	522.1	Before	Left Exterior Girder	297.1	0.95	1	1	95.856032
Type 3_str	BOBJ1	522.1	Before	Interior Girder 1	297.1	0.95	1	1	64.735446
Type 3_str	BOBJ1	522.1	Before	Interior Girder 2	297.1	0.95	1	1	64.735449
Type 3_str	BOBJ1	522.1	Before	Right Exterior Girder	297.1	0.95	1	1	95.856028
Type 3_str	BOBJ1	522.1	After	Left Exterior Girder	297.1	0.95	1	1	92.192608
Type 3_str	BOBJ1	522.1	After	Interior Girder 1	297.1	0.95	1	1	60.293876
Type 3_str	BOBJ1	522.1	After	Interior Girder 2	297.1	0.95	1	1	60.293876
Type 3_str	BOBJ1	522.1	After	Right Exterior Girder	297.1	0.95	1	1	92.192606
Type 3_str	BOBJ1	530.4918	Before	Left Exterior Girder	305.4918	0.95	1	1	91.733447
Type 3_str	BOBJ1	530.4918	Before	Interior Girder 1	305.4918	0.95	1	1	59.973562
Type 3_str	BOBJ1	530.4918	Before	Interior Girder 2	305.4918	0.95	1	1	59.973562
Type 3_str	BOBJ1	530.4918	Before	Right Exterior Girder	305.4918	0.95	1	1	91.733446
Type 3_str	BOBJ1	530.4918	After	Left Exterior Girder	305.4918	0.95	1	1	111.902557
Type 3_str	BOBJ1	530.4918	After	Interior Girder 1	305.4918	0.95	1	1	69.755203
Type 3_str	BOBJ1	530.4918	After	Interior Girder 2	305.4918	0.95	1	1	69.755203
Type 3_str	BOBJ1	530.4918	After	Right Exterior Girder	305.4918	0.95	1	1	111.902556
Type 3_str	BOBJ1	533.55	Before	Left Exterior Girder	308.55	0.95	1	1	111.713943
Type 3_str	BOBJ1	533.55	Before	Interior Girder 1	308.55	0.95	1	1	69.630849
Type 3_str	BOBJ1	533.55	Before	Interior Girder 2	308.55	0.95	1	1	69.630849
Type 3_str	BOBJ1	533.55	Before	Right Exterior Girder	308.55	0.95	1	1	111.713941
Type 3_str	BOBJ1	533.55	After	Left Exterior Girder	308.55	0.95	1	1	111.917699
Type 3_str	BOBJ1	533.55	After	Interior Girder 1	308.55	0.95	1	1	68.852987
Type 3_str	BOBJ1	533.55	After	Interior Girder 2	308.55	0.95	1	1	68.852987
Type 3_str	BOBJ1	533.55	After	Right Exterior Girder	308.55	0.95	1	1	111.917697
Type 3_str	BOBJ1	545	Before	Left Exterior Girder	320	0.95	1	1	109.076918
Type 3_str	BOBJ1	545	Before	Interior Girder 1	320	0.95	1	1	64.634161
Type 3_str	BOBJ1	545	Before	Interior Girder 2	320	0.95	1	1	64.634161
Type 3_str	BOBJ1	545	Before	Right Exterior Girder	320	0.95	1	1	109.076917
Type 3_str	BOBJ1	545	After	Left Exterior Girder	0	0.95	1	1	115.784623
Type 3_str	BOBJ1	545	After	Interior Girder 1	0	0.95	1	1	68.558148
Type 3_str	BOBJ1	545	After	Interior Girder 2	0	0.95	1	1	68.558149
Type 3_str	BOBJ1	545	After	Right Exterior Girder	0	0.95	1	1	115.784622
Type 3_str	BOBJ1	556.25	Before	Left Exterior Girder	11.25	0.95	1	1	116.501248
Type 3_str	BOBJ1	556.25	Before	Interior Girder 1	11.25	0.95	1	1	69.007449
Type 3_str	BOBJ1	556.25	Before	Interior Girder 2	11.25	0.95	1	1	69.007449
Type 3_str	BOBJ1	556.25	Before	Right Exterior Girder	11.25	0.95	1	1	116.501247
Type 3_str	BOBJ1	556.25	After	Left Exterior Girder	11.25	0.95	1	1	116.325584
Type 3_str	BOBJ1	556.25	After	Interior Girder 1	11.25	0.95	1	1	70.778994
Type 3_str	BOBJ1	556.25	After	Interior Girder 2	11.25	0.95	1	1	70.778995
Type 3_str	BOBJ1	556.25	After	Right Exterior Girder	11.25	0.95	1	1	116.325583
Type 3_str	BOBJ1	559.4358	Before	Left Exterior Girder	14.4358	0.95	1	1	116.528052
Type 3_str	BOBJ1	559.4358	Before	Interior Girder 1	14.4358	0.95	1	1	70.909366
Type 3_str	BOBJ1	559.4358	Before	Interior Girder 2	14.4358	0.95	1	1	70.909366
Type 3_str	BOBJ1	559.4358	Before	Right Exterior Girder	14.4358	0.95	1	1	116.52805
Type 3_str	BOBJ1	559.4358	After	Left Exterior Girder	14.4358	0.95	1	1	95.965935
Type 3_str	BOBJ1	559.4358	After	Interior Girder 1	14.4358	0.95	1	1	60.969545
Type 3_str	BOBJ1	559.4358	After	Interior Girder 2	14.4358	0.95	1	1	60.969545
Type 3_str	BOBJ1	559.4358	After	Right Exterior Girder	14.4358	0.95	1	1	95.965934
Type 3_str	BOBJ1	567.5	Before	Left Exterior Girder	22.5	0.95	1	1	96.421533
Type 3_str	BOBJ1	567.5	Before	Interior Girder 1	22.5	0.95	1	1	61.27854
Type 3_str	BOBJ1	567.5	Before	Interior Girder 2	22.5	0.95	1	1	61.278541
Type 3_str	BOBJ1	567.5	Before	Right Exterior Girder	22.5	0.95	1	1	96.421532
Type 3_str	BOBJ1	567.5	After	Left Exterior Girder	22.5	0.95	1	1	95.626398
Type 3_str	BOBJ1	567.5	After	Interior Girder 1	22.5	0.95	1	1	60.744887
Type 3_str	BOBJ1	567.5	After	Interior Girder 2	22.5	0.95	1	1	60.744888
Type 3_str	BOBJ1	567.5	After	Right Exterior Girder	22.5	0.95	1	1	95.626397

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Main Span Girders									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Type 3_str	BOBJ1	570.0586	Before	Left Exterior Girder	25.0586	0.95	1	1	95.769613
Type 3_str	BOBJ1	570.0586	Before	Interior Girder 1	25.0586	0.95	1	1	60.841895
Type 3_str	BOBJ1	570.0586	Before	Interior Girder 2	25.0586	0.95	1	1	60.841895
Type 3_str	BOBJ1	570.0586	Before	Right Exterior Girder	25.0586	0.95	1	1	95.769613
Type 3_str	BOBJ1	570.0586	After	Left Exterior Girder	25.0586	0.95	1	1	75.079056
Type 3_str	BOBJ1	570.0586	After	Interior Girder 1	25.0586	0.95	1	1	50.072803
Type 3_str	BOBJ1	570.0586	After	Interior Girder 2	25.0586	0.95	1	1	50.072803
Type 3_str	BOBJ1	570.0586	After	Right Exterior Girder	25.0586	0.95	1	1	75.079055
Type 3_str	BOBJ1	578.75	Before	Left Exterior Girder	33.75	0.95	1	1	75.505747
Type 3_str	BOBJ1	578.75	Before	Interior Girder 1	33.75	0.95	1	1	50.379994
Type 3_str	BOBJ1	578.75	Before	Interior Girder 2	33.75	0.95	1	1	50.379994
Type 3_str	BOBJ1	578.75	Before	Right Exterior Girder	33.75	0.95	1	1	75.505746
Type 3_str	BOBJ1	578.75	After	Left Exterior Girder	33.75	0.95	1	1	77.521947
Type 3_str	BOBJ1	578.75	After	Interior Girder 1	33.75	0.95	1	1	54.549831
Type 3_str	BOBJ1	578.75	After	Interior Girder 2	33.75	0.95	1	1	54.549831
Type 3_str	BOBJ1	578.75	After	Right Exterior Girder	33.75	0.95	1	1	77.521946
Type 3_str	BOBJ1	586.8142	Before	Left Exterior Girder	41.8142	0.95	1	1	77.92765
Type 3_str	BOBJ1	586.8142	Before	Interior Girder 1	41.8142	0.95	1	1	54.857923
Type 3_str	BOBJ1	586.8142	Before	Interior Girder 2	41.8142	0.95	1	1	54.857923
Type 3_str	BOBJ1	586.8142	Before	Right Exterior Girder	41.8142	0.95	1	1	77.927649
Type 3_str	BOBJ1	586.8142	After	Left Exterior Girder	41.8142	0.95	1	1	48.748826
Type 3_str	BOBJ1	586.8142	After	Interior Girder 1	41.8142	0.95	1	1	35.18734
Type 3_str	BOBJ1	586.8142	After	Interior Girder 2	41.8142	0.95	1	1	35.18734
Type 3_str	BOBJ1	586.8142	After	Right Exterior Girder	41.8142	0.95	1	1	48.748826
Type 3_str	BOBJ1	590	Before	Left Exterior Girder	45	0.95	1	1	48.874788
Type 3_str	BOBJ1	590	Before	Interior Girder 1	45	0.95	1	1	35.287222
Type 3_str	BOBJ1	590	Before	Interior Girder 2	45	0.95	1	1	35.287222
Type 3_str	BOBJ1	590	Before	Right Exterior Girder	45	0.95	1	1	48.874788
Type 3_str	BOBJ1	590	After	Left Exterior Girder	45	0.95	1	1	52.221928
Type 3_str	BOBJ1	590	After	Interior Girder 1	45	0.95	1	1	37.841827
Type 3_str	BOBJ1	590	After	Interior Girder 2	45	0.95	1	1	37.841827
Type 3_str	BOBJ1	590	After	Right Exterior Girder	45	0.95	1	1	52.221928
Type 3_str	BOBJ1	601.25	Before	Left Exterior Girder	56.25	0.95	1	1	52.695021
Type 3_str	BOBJ1	601.25	Before	Interior Girder 1	56.25	0.95	1	1	38.219119
Type 3_str	BOBJ1	601.25	Before	Interior Girder 2	56.25	0.95	1	1	38.219119
Type 3_str	BOBJ1	601.25	Before	Right Exterior Girder	56.25	0.95	1	1	52.695021
Type 3_str	BOBJ1	601.25	After	Left Exterior Girder	56.25	0.95	1	1	49.86065
Type 3_str	BOBJ1	601.25	After	Interior Girder 1	56.25	0.95	1	1	39.828211
Type 3_str	BOBJ1	601.25	After	Interior Girder 2	56.25	0.95	1	1	39.828211
Type 3_str	BOBJ1	601.25	After	Right Exterior Girder	56.25	0.95	1	1	49.86065
Type 3_str	BOBJ1	601.7478	Before	Left Exterior Girder	56.7478	0.95	1	1	49.880543
Type 3_str	BOBJ1	601.7478	Before	Interior Girder 1	56.7478	0.95	1	1	39.845469
Type 3_str	BOBJ1	601.7478	Before	Interior Girder 2	56.7478	0.95	1	1	39.845469
Type 3_str	BOBJ1	601.7478	Before	Right Exterior Girder	56.7478	0.95	1	1	49.880543
Type 3_str	BOBJ1	601.7478	After	Left Exterior Girder	56.7478	0.95	1	1	35.82295
Type 3_str	BOBJ1	601.7478	After	Interior Girder 1	56.7478	0.95	1	1	27.83948
Type 3_str	BOBJ1	601.7478	After	Interior Girder 2	56.7478	0.95	1	1	27.83948
Type 3_str	BOBJ1	601.7478	After	Right Exterior Girder	56.7478	0.95	1	1	35.82295
Type 3_str	BOBJ1	612.5	Before	Left Exterior Girder	67.5	0.95	1	1	36.20822
Type 3_str	BOBJ1	612.5	Before	Interior Girder 1	67.5	0.95	1	1	28.175759
Type 3_str	BOBJ1	612.5	Before	Interior Girder 2	67.5	0.95	1	1	28.175759
Type 3_str	BOBJ1	612.5	Before	Right Exterior Girder	67.5	0.95	1	1	36.20822
Type 3_str	BOBJ1	612.5	After	Left Exterior Girder	67.5	0.95	1	1	39.048636
Type 3_str	BOBJ1	612.5	After	Interior Girder 1	67.5	0.95	1	1	28.808318
Type 3_str	BOBJ1	612.5	After	Interior Girder 2	67.5	0.95	1	1	28.808318
Type 3_str	BOBJ1	612.5	After	Right Exterior Girder	67.5	0.95	1	1	39.048636
Type 3_str	BOBJ1	623.75	Before	Left Exterior Girder	78.75	0.95	1	1	39.47999
Type 3_str	BOBJ1	623.75	Before	Interior Girder 1	78.75	0.95	1	1	29.165741
Type 3_str	BOBJ1	623.75	Before	Interior Girder 2	78.75	0.95	1	1	29.165741
Type 3_str	BOBJ1	623.75	Before	Right Exterior Girder	78.75	0.95	1	1	39.479991
Type 3_str	BOBJ1	623.75	After	Left Exterior Girder	78.75	0.95	1	1	42.460369
Type 3_str	BOBJ1	623.75	After	Interior Girder 1	78.75	0.95	1	1	32.917555
Type 3_str	BOBJ1	623.75	After	Interior Girder 2	78.75	0.95	1	1	32.917554
Type 3_str	BOBJ1	623.75	After	Right Exterior Girder	78.75	0.95	1	1	42.460369
Type 3_str	BOBJ1	635	Before	Left Exterior Girder	90	0.95	1	1	42.921546
Type 3_str	BOBJ1	635	Before	Interior Girder 1	90	0.95	1	1	33.319037
Type 3_str	BOBJ1	635	Before	Interior Girder 2	90	0.95	1	1	33.319036
Type 3_str	BOBJ1	635	Before	Right Exterior Girder	90	0.95	1	1	42.921546

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Main Span Girders									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Type 3_str	BOBJ1	635	After	Left Exterior Girder	90	0.95	1	1	46.506257
Type 3_str	BOBJ1	635	After	Interior Girder 1	90	0.95	1	1	31.909815
Type 3_str	BOBJ1	635	After	Interior Girder 2	90	0.95	1	1	31.909813
Type 3_str	BOBJ1	635	After	Right Exterior Girder	90	0.95	1	1	46.506259
Type 3_str	BOBJ1	643.5619	Before	Left Exterior Girder	98.5619	0.95	1	1	46.883863
Type 3_str	BOBJ1	643.5619	Before	Interior Girder 1	98.5619	0.95	1	1	32.200844
Type 3_str	BOBJ1	643.5619	Before	Interior Girder 2	98.5619	0.95	1	1	32.200842
Type 3_str	BOBJ1	643.5619	Before	Right Exterior Girder	98.5619	0.95	1	1	46.883865
Type 3_str	BOBJ1	643.5619	After	Left Exterior Girder	98.5619	0.95	1	1	78.097528
Type 3_str	BOBJ1	643.5619	After	Interior Girder 1	98.5619	0.95	1	1	53.883509
Type 3_str	BOBJ1	643.5619	After	Interior Girder 2	98.5619	0.95	1	1	53.883506
Type 3_str	BOBJ1	643.5619	After	Right Exterior Girder	98.5619	0.95	1	1	78.097531
Type 3_str	BOBJ1	646.25	Before	Left Exterior Girder	101.25	0.95	1	1	78.246372
Type 3_str	BOBJ1	646.25	Before	Interior Girder 1	101.25	0.95	1	1	53.996266
Type 3_str	BOBJ1	646.25	Before	Interior Girder 2	101.25	0.95	1	1	53.996264
Type 3_str	BOBJ1	646.25	Before	Right Exterior Girder	101.25	0.95	1	1	78.246375
Type 3_str	BOBJ1	646.25	After	Left Exterior Girder	101.25	0.95	1	1	86.586936
Type 3_str	BOBJ1	646.25	After	Interior Girder 1	101.25	0.95	1	1	62.140652
Type 3_str	BOBJ1	646.25	After	Interior Girder 2	101.25	0.95	1	1	62.140649
Type 3_str	BOBJ1	646.25	After	Right Exterior Girder	101.25	0.95	1	1	86.586939
Type 3_str	BOBJ1	657.5	Before	Left Exterior Girder	112.5	0.95	1	1	87.274373
Type 3_str	BOBJ1	657.5	Before	Interior Girder 1	112.5	0.95	1	1	62.683173
Type 3_str	BOBJ1	657.5	Before	Interior Girder 2	112.5	0.95	1	1	62.68317
Type 3_str	BOBJ1	657.5	Before	Right Exterior Girder	112.5	0.95	1	1	87.274376
Type 3_str	BOBJ1	657.5	After	Left Exterior Girder	112.5	0.95	1	1	99.043362
Type 3_str	BOBJ1	657.5	After	Interior Girder 1	112.5	0.95	1	1	61.482441
Type 3_str	BOBJ1	657.5	After	Interior Girder 2	112.5	0.95	1	1	61.482449
Type 3_str	BOBJ1	657.5	After	Right Exterior Girder	112.5	0.95	1	1	99.043354
Type 3_str	BOBJ1	668.75	Before	Left Exterior Girder	123.75	0.95	1	1	99.819797
Type 3_str	BOBJ1	668.75	Before	Interior Girder 1	123.75	0.95	1	1	62.012702
Type 3_str	BOBJ1	668.75	Before	Interior Girder 2	123.75	0.95	1	1	62.01271
Type 3_str	BOBJ1	668.75	Before	Right Exterior Girder	123.75	0.95	1	1	99.819789
Type 3_str	BOBJ1	668.75	After	Left Exterior Girder	123.75	0.95	1	1	112.632379
Type 3_str	BOBJ1	668.75	After	Interior Girder 1	123.75	0.95	1	1	70.935523
Type 3_str	BOBJ1	668.75	After	Interior Girder 2	123.75	0.95	1	1	70.935534
Type 3_str	BOBJ1	668.75	After	Right Exterior Girder	123.75	0.95	1	1	112.632365
Type 3_str	BOBJ1	680	Before	Left Exterior Girder	135	0.95	1	1	113.505486
Type 3_str	BOBJ1	680	Before	Interior Girder 1	135	0.95	1	1	71.540441
Type 3_str	BOBJ1	680	Before	Interior Girder 2	135	0.95	1	1	71.540452
Type 3_str	BOBJ1	680	Before	Right Exterior Girder	135	0.95	1	1	113.505472
Type 3_str	BOBJ1	680	After	Left Exterior Girder	135	0.95	1	1	128.82709
Type 3_str	BOBJ1	680	After	Interior Girder 1	135	0.95	1	1	69.894562
Type 3_str	BOBJ1	680	After	Interior Girder 2	135	0.95	1	1	69.894559
Type 3_str	BOBJ1	680	After	Right Exterior Girder	135	0.95	1	1	128.827099
Type 3_str	BOBJ1	691.25	Before	Left Exterior Girder	146.25	0.95	1	1	127.871091
Type 3_str	BOBJ1	691.25	Before	Interior Girder 1	146.25	0.95	1	1	70.483566
Type 3_str	BOBJ1	691.25	Before	Interior Girder 2	146.25	0.95	1	1	70.483563
Type 3_str	BOBJ1	691.25	Before	Right Exterior Girder	146.25	0.95	1	1	127.8711
Type 3_str	BOBJ1	691.25	After	Left Exterior Girder	146.25	0.95	1	1	112.268298
Type 3_str	BOBJ1	691.25	After	Interior Girder 1	146.25	0.95	1	1	68.365214
Type 3_str	BOBJ1	691.25	After	Interior Girder 2	146.25	0.95	1	1	68.365217
Type 3_str	BOBJ1	691.25	After	Right Exterior Girder	146.25	0.95	1	1	112.268297
Type 3_str	BOBJ1	702.5	Before	Left Exterior Girder	157.5	0.95	1	1	111.426172
Type 3_str	BOBJ1	702.5	Before	Interior Girder 1	157.5	0.95	1	1	67.800926
Type 3_str	BOBJ1	702.5	Before	Interior Girder 2	157.5	0.95	1	1	67.80093
Type 3_str	BOBJ1	702.5	Before	Right Exterior Girder	157.5	0.95	1	1	111.426171
Type 3_str	BOBJ1	702.5	After	Left Exterior Girder	157.5	0.95	1	1	96.4833
Type 3_str	BOBJ1	702.5	After	Interior Girder 1	157.5	0.95	1	1	69.155975
Type 3_str	BOBJ1	702.5	After	Interior Girder 2	157.5	0.95	1	1	69.155977
Type 3_str	BOBJ1	702.5	After	Right Exterior Girder	157.5	0.95	1	1	96.483291
Type 3_str	BOBJ1	713.75	Before	Left Exterior Girder	168.75	0.95	1	1	95.750707
Type 3_str	BOBJ1	713.75	Before	Interior Girder 1	168.75	0.95	1	1	68.578491
Type 3_str	BOBJ1	713.75	Before	Interior Girder 2	168.75	0.95	1	1	68.578494
Type 3_str	BOBJ1	713.75	Before	Right Exterior Girder	168.75	0.95	1	1	95.750699
Type 3_str	BOBJ1	713.75	After	Left Exterior Girder	168.75	0.95	1	1	86.079406
Type 3_str	BOBJ1	713.75	After	Interior Girder 1	168.75	0.95	1	1	59.845659
Type 3_str	BOBJ1	713.75	After	Interior Girder 2	168.75	0.95	1	1	59.845659
Type 3_str	BOBJ1	713.75	After	Right Exterior Girder	168.75	0.95	1	1	86.079405

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Main Span Girders									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Type 3_str	BOBJ1	725	Before	Left Exterior Girder	180	0.95	1	1	85.418577
Type 3_str	BOBJ1	725	Before	Interior Girder 1	180	0.95	1	1	59.340368
Type 3_str	BOBJ1	725	Before	Interior Girder 2	180	0.95	1	1	59.340368
Type 3_str	BOBJ1	725	Before	Right Exterior Girder	180	0.95	1	1	85.418576
Type 3_str	BOBJ1	725	After	Left Exterior Girder	180	0.95	1	1	75.518777
Type 3_str	BOBJ1	725	After	Interior Girder 1	180	0.95	1	1	58.421868
Type 3_str	BOBJ1	725	After	Interior Girder 2	180	0.95	1	1	58.421866
Type 3_str	BOBJ1	725	After	Right Exterior Girder	180	0.95	1	1	75.518786
Type 3_str	BOBJ1	731.1726	Before	Left Exterior Girder	186.1726	0.95	1	1	75.196929
Type 3_str	BOBJ1	731.1726	Before	Interior Girder 1	186.1726	0.95	1	1	58.148213
Type 3_str	BOBJ1	731.1726	Before	Interior Girder 2	186.1726	0.95	1	1	58.14821
Type 3_str	BOBJ1	731.1726	Before	Right Exterior Girder	186.1726	0.95	1	1	75.196937
Type 3_str	BOBJ1	731.1726	After	Left Exterior Girder	186.1726	0.95	1	1	43.829272
Type 3_str	BOBJ1	731.1726	After	Interior Girder 1	186.1726	0.95	1	1	32.994035
Type 3_str	BOBJ1	731.1726	After	Interior Girder 2	186.1726	0.95	1	1	32.994033
Type 3_str	BOBJ1	731.1726	After	Right Exterior Girder	186.1726	0.95	1	1	43.829277
Type 3_str	BOBJ1	736.25	Before	Left Exterior Girder	191.25	0.95	1	1	43.627197
Type 3_str	BOBJ1	736.25	Before	Interior Girder 1	191.25	0.95	1	1	32.823327
Type 3_str	BOBJ1	736.25	Before	Interior Girder 2	191.25	0.95	1	1	32.823325
Type 3_str	BOBJ1	736.25	Before	Right Exterior Girder	191.25	0.95	1	1	43.627202
Type 3_str	BOBJ1	736.25	After	Left Exterior Girder	191.25	0.95	1	1	42.290795
Type 3_str	BOBJ1	736.25	After	Interior Girder 1	191.25	0.95	1	1	30.924347
Type 3_str	BOBJ1	736.25	After	Interior Girder 2	191.25	0.95	1	1	30.924346
Type 3_str	BOBJ1	736.25	After	Right Exterior Girder	191.25	0.95	1	1	42.290796
Type 3_str	BOBJ1	747.5	Before	Left Exterior Girder	202.5	0.95	1	1	41.855188
Type 3_str	BOBJ1	747.5	Before	Interior Girder 1	202.5	0.95	1	1	30.566723
Type 3_str	BOBJ1	747.5	Before	Interior Girder 2	202.5	0.95	1	1	30.566722
Type 3_str	BOBJ1	747.5	Before	Right Exterior Girder	202.5	0.95	1	1	41.855189
Type 3_str	BOBJ1	747.5	After	Left Exterior Girder	202.5	0.95	1	1	37.777181
Type 3_str	BOBJ1	747.5	After	Interior Girder 1	202.5	0.95	1	1	28.110569
Type 3_str	BOBJ1	747.5	After	Interior Girder 2	202.5	0.95	1	1	28.110568
Type 3_str	BOBJ1	747.5	After	Right Exterior Girder	202.5	0.95	1	1	37.77718
Type 3_str	BOBJ1	758.75	Before	Left Exterior Girder	213.75	0.95	1	1	37.380797
Type 3_str	BOBJ1	758.75	Before	Interior Girder 1	213.75	0.95	1	1	27.779854
Type 3_str	BOBJ1	758.75	Before	Interior Girder 2	213.75	0.95	1	1	27.779853
Type 3_str	BOBJ1	758.75	Before	Right Exterior Girder	213.75	0.95	1	1	37.380796
Type 3_str	BOBJ1	758.75	After	Left Exterior Girder	213.75	0.95	1	1	34.628317
Type 3_str	BOBJ1	758.75	After	Interior Girder 1	213.75	0.95	1	1	22.882544
Type 3_str	BOBJ1	758.75	After	Interior Girder 2	213.75	0.95	1	1	22.882542
Type 3_str	BOBJ1	758.75	After	Right Exterior Girder	213.75	0.95	1	1	34.628319
Type 3_str	BOBJ1	770	Before	Left Exterior Girder	225	0.95	1	1	34.259001
Type 3_str	BOBJ1	770	Before	Interior Girder 1	225	0.95	1	1	22.608852
Type 3_str	BOBJ1	770	Before	Interior Girder 2	225	0.95	1	1	22.60885
Type 3_str	BOBJ1	770	Before	Right Exterior Girder	225	0.95	1	1	34.259002
Type 3S2_str	BOBJ1	0	After	Left Exterior Girder	0	0.95	1	1	25.568149
Type 3S2_str	BOBJ1	0	After	Interior Girder 1	0	0.95	1	1	18.565052
Type 3S2_str	BOBJ1	0	After	Interior Girder 2	0	0.95	1	1	18.565054
Type 3S2_str	BOBJ1	0	After	Right Exterior Girder	0	0.95	1	1	25.568148
Type 3S2_str	BOBJ1	11.25	Before	Left Exterior Girder	11.25	0.95	1	1	25.843777
Type 3S2_str	BOBJ1	11.25	Before	Interior Girder 1	11.25	0.95	1	1	18.789792
Type 3S2_str	BOBJ1	11.25	Before	Interior Girder 2	11.25	0.95	1	1	18.789793
Type 3S2_str	BOBJ1	11.25	Before	Right Exterior Girder	11.25	0.95	1	1	25.843776
Type 3S2_str	BOBJ1	11.25	After	Left Exterior Girder	11.25	0.95	1	1	27.878334
Type 3S2_str	BOBJ1	11.25	After	Interior Girder 1	11.25	0.95	1	1	22.706327
Type 3S2_str	BOBJ1	11.25	After	Interior Girder 2	11.25	0.95	1	1	22.706329
Type 3S2_str	BOBJ1	11.25	After	Right Exterior Girder	11.25	0.95	1	1	27.878333
Type 3S2_str	BOBJ1	22.5	Before	Left Exterior Girder	22.5	0.95	1	1	28.173955
Type 3S2_str	BOBJ1	22.5	Before	Interior Girder 1	22.5	0.95	1	1	22.976642
Type 3S2_str	BOBJ1	22.5	Before	Interior Girder 2	22.5	0.95	1	1	22.976644
Type 3S2_str	BOBJ1	22.5	Before	Right Exterior Girder	22.5	0.95	1	1	28.173954
Type 3S2_str	BOBJ1	22.5	After	Left Exterior Girder	22.5	0.95	1	1	31.373716
Type 3S2_str	BOBJ1	22.5	After	Interior Girder 1	22.5	0.95	1	1	24.993788
Type 3S2_str	BOBJ1	22.5	After	Interior Girder 2	22.5	0.95	1	1	24.993787
Type 3S2_str	BOBJ1	22.5	After	Right Exterior Girder	22.5	0.95	1	1	31.373716
Type 3S2_str	BOBJ1	33.75	Before	Left Exterior Girder	33.75	0.95	1	1	31.700237
Type 3S2_str	BOBJ1	33.75	Before	Interior Girder 1	33.75	0.95	1	1	25.28621
Type 3S2_str	BOBJ1	33.75	Before	Interior Girder 2	33.75	0.95	1	1	25.286208
Type 3S2_str	BOBJ1	33.75	Before	Right Exterior Girder	33.75	0.95	1	1	31.700237

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Main Span Girders									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Type 3S2_str	BOBJ1	33.75	After	Left Exterior Girder	33.75	0.95	1	1	32.845366
Type 3S2_str	BOBJ1	33.75	After	Interior Girder 1	33.75	0.95	1	1	26.859863
Type 3S2_str	BOBJ1	33.75	After	Interior Girder 2	33.75	0.95	1	1	26.85986
Type 3S2_str	BOBJ1	33.75	After	Right Exterior Girder	33.75	0.95	1	1	32.845368
Type 3S2_str	BOBJ1	38.8274	Before	Left Exterior Girder	38.8274	0.95	1	1	32.997501
Type 3S2_str	BOBJ1	38.8274	Before	Interior Girder 1	38.8274	0.95	1	1	26.999556
Type 3S2_str	BOBJ1	38.8274	Before	Interior Girder 2	38.8274	0.95	1	1	26.999553
Type 3S2_str	BOBJ1	38.8274	Before	Right Exterior Girder	38.8274	0.95	1	1	32.997503
Type 3S2_str	BOBJ1	38.8274	After	Left Exterior Girder	38.8274	0.95	1	1	56.919885
Type 3S2_str	BOBJ1	38.8274	After	Interior Girder 1	38.8274	0.95	1	1	47.534109
Type 3S2_str	BOBJ1	38.8274	After	Interior Girder 2	38.8274	0.95	1	1	47.534106
Type 3S2_str	BOBJ1	38.8274	After	Right Exterior Girder	38.8274	0.95	1	1	56.919887
Type 3S2_str	BOBJ1	45	Before	Left Exterior Girder	45	0.95	1	1	57.163506
Type 3S2_str	BOBJ1	45	Before	Interior Girder 1	45	0.95	1	1	47.757812
Type 3S2_str	BOBJ1	45	Before	Interior Girder 2	45	0.95	1	1	47.757809
Type 3S2_str	BOBJ1	45	Before	Right Exterior Girder	45	0.95	1	1	57.163509
Type 3S2_str	BOBJ1	45	After	Left Exterior Girder	45	0.95	1	1	65.021086
Type 3S2_str	BOBJ1	45	After	Interior Girder 1	45	0.95	1	1	48.82477
Type 3S2_str	BOBJ1	45	After	Interior Girder 2	45	0.95	1	1	48.824764
Type 3S2_str	BOBJ1	45	After	Right Exterior Girder	45	0.95	1	1	65.021088
Type 3S2_str	BOBJ1	56.25	Before	Left Exterior Girder	56.25	0.95	1	1	65.524112
Type 3S2_str	BOBJ1	56.25	Before	Interior Girder 1	56.25	0.95	1	1	49.240519
Type 3S2_str	BOBJ1	56.25	Before	Interior Girder 2	56.25	0.95	1	1	49.240513
Type 3S2_str	BOBJ1	56.25	Before	Right Exterior Girder	56.25	0.95	1	1	65.524115
Type 3S2_str	BOBJ1	56.25	After	Left Exterior Girder	56.25	0.95	1	1	73.619019
Type 3S2_str	BOBJ1	56.25	After	Interior Girder 1	56.25	0.95	1	1	56.791142
Type 3S2_str	BOBJ1	56.25	After	Interior Girder 2	56.25	0.95	1	1	56.791136
Type 3S2_str	BOBJ1	56.25	After	Right Exterior Girder	56.25	0.95	1	1	73.619021
Type 3S2_str	BOBJ1	67.5	Before	Left Exterior Girder	67.5	0.95	1	1	74.182281
Type 3S2_str	BOBJ1	67.5	Before	Interior Girder 1	67.5	0.95	1	1	57.269367
Type 3S2_str	BOBJ1	67.5	Before	Interior Girder 2	67.5	0.95	1	1	57.269361
Type 3S2_str	BOBJ1	67.5	Before	Right Exterior Girder	67.5	0.95	1	1	74.182283
Type 3S2_str	BOBJ1	67.5	After	Left Exterior Girder	67.5	0.95	1	1	86.350608
Type 3S2_str	BOBJ1	67.5	After	Interior Girder 1	67.5	0.95	1	1	56.565486
Type 3S2_str	BOBJ1	67.5	After	Interior Girder 2	67.5	0.95	1	1	56.56549
Type 3S2_str	BOBJ1	67.5	After	Right Exterior Girder	67.5	0.95	1	1	86.350589
Type 3S2_str	BOBJ1	78.75	Before	Left Exterior Girder	78.75	0.95	1	1	87.00322
Type 3S2_str	BOBJ1	78.75	Before	Interior Girder 1	78.75	0.95	1	1	57.036263
Type 3S2_str	BOBJ1	78.75	Before	Interior Girder 2	78.75	0.95	1	1	57.036268
Type 3S2_str	BOBJ1	78.75	Before	Right Exterior Girder	78.75	0.95	1	1	87.003201
Type 3S2_str	BOBJ1	78.75	After	Left Exterior Girder	78.75	0.95	1	1	100.340099
Type 3S2_str	BOBJ1	78.75	After	Interior Girder 1	78.75	0.95	1	1	60.055975
Type 3S2_str	BOBJ1	78.75	After	Interior Girder 2	78.75	0.95	1	1	60.055969
Type 3S2_str	BOBJ1	78.75	After	Right Exterior Girder	78.75	0.95	1	1	100.340073
Type 3S2_str	BOBJ1	90	Before	Left Exterior Girder	90	0.95	1	1	101.090269
Type 3S2_str	BOBJ1	90	Before	Interior Girder 1	90	0.95	1	1	59.554111
Type 3S2_str	BOBJ1	90	Before	Interior Girder 2	90	0.95	1	1	59.554105
Type 3S2_str	BOBJ1	90	Before	Right Exterior Girder	90	0.95	1	1	101.090243
Type 3S2_str	BOBJ1	90	After	Left Exterior Girder	90	0.95	1	1	89.671361
Type 3S2_str	BOBJ1	90	After	Interior Girder 1	90	0.95	1	1	59.969393
Type 3S2_str	BOBJ1	90	After	Interior Girder 2	90	0.95	1	1	59.96938
Type 3S2_str	BOBJ1	90	After	Right Exterior Girder	90	0.95	1	1	89.67137
Type 3S2_str	BOBJ1	101.25	Before	Left Exterior Girder	101.25	0.95	1	1	88.981591
Type 3S2_str	BOBJ1	101.25	Before	Interior Girder 1	101.25	0.95	1	1	59.462315
Type 3S2_str	BOBJ1	101.25	Before	Interior Girder 2	101.25	0.95	1	1	59.462302
Type 3S2_str	BOBJ1	101.25	Before	Right Exterior Girder	101.25	0.95	1	1	88.9816
Type 3S2_str	BOBJ1	101.25	After	Left Exterior Girder	101.25	0.95	1	1	77.183002
Type 3S2_str	BOBJ1	101.25	After	Interior Girder 1	101.25	0.95	1	1	51.296785
Type 3S2_str	BOBJ1	101.25	After	Interior Girder 2	101.25	0.95	1	1	51.296776
Type 3S2_str	BOBJ1	101.25	After	Right Exterior Girder	101.25	0.95	1	1	77.183006
Type 3S2_str	BOBJ1	112.5	Before	Left Exterior Girder	112.5	0.95	1	1	76.582644
Type 3S2_str	BOBJ1	112.5	Before	Interior Girder 1	112.5	0.95	1	1	50.858154
Type 3S2_str	BOBJ1	112.5	Before	Interior Girder 2	112.5	0.95	1	1	50.858145
Type 3S2_str	BOBJ1	112.5	Before	Right Exterior Girder	112.5	0.95	1	1	76.582648
Type 3S2_str	BOBJ1	112.5	After	Left Exterior Girder	112.5	0.95	1	1	66.520646
Type 3S2_str	BOBJ1	112.5	After	Interior Girder 1	112.5	0.95	1	1	51.347192
Type 3S2_str	BOBJ1	112.5	After	Interior Girder 2	112.5	0.95	1	1	51.347194
Type 3S2_str	BOBJ1	112.5	After	Right Exterior Girder	112.5	0.95	1	1	66.520643

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Main Span Girders									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Type 3S2_str	BOBJ1	123.75	Before	Left Exterior Girder	123.75	0.95	1	1	65.99668
Type 3S2_str	BOBJ1	123.75	Before	Interior Girder 1	123.75	0.95	1	1	50.902783
Type 3S2_str	BOBJ1	123.75	Before	Interior Girder 2	123.75	0.95	1	1	50.902785
Type 3S2_str	BOBJ1	123.75	Before	Right Exterior Girder	123.75	0.95	1	1	65.996678
Type 3S2_str	BOBJ1	123.75	After	Left Exterior Girder	123.75	0.95	1	1	58.97606
Type 3S2_str	BOBJ1	123.75	After	Interior Girder 1	123.75	0.95	1	1	43.667546
Type 3S2_str	BOBJ1	123.75	After	Interior Girder 2	123.75	0.95	1	1	43.667548
Type 3S2_str	BOBJ1	123.75	After	Right Exterior Girder	123.75	0.95	1	1	58.976057
Type 3S2_str	BOBJ1	126.4381	Before	Left Exterior Girder	126.4381	0.95	1	1	58.863873
Type 3S2_str	BOBJ1	126.4381	Before	Interior Girder 1	126.4381	0.95	1	1	43.576357
Type 3S2_str	BOBJ1	126.4381	Before	Interior Girder 2	126.4381	0.95	1	1	43.57636
Type 3S2_str	BOBJ1	126.4381	Before	Right Exterior Girder	126.4381	0.95	1	1	58.86387
Type 3S2_str	BOBJ1	126.4381	After	Left Exterior Girder	126.4381	0.95	1	1	35.180092
Type 3S2_str	BOBJ1	126.4381	After	Interior Girder 1	126.4381	0.95	1	1	26.08374
Type 3S2_str	BOBJ1	126.4381	After	Interior Girder 2	126.4381	0.95	1	1	26.083741
Type 3S2_str	BOBJ1	126.4381	After	Right Exterior Girder	126.4381	0.95	1	1	35.18009
Type 3S2_str	BOBJ1	135	Before	Left Exterior Girder	135	0.95	1	1	34.896749
Type 3S2_str	BOBJ1	135	Before	Interior Girder 1	135	0.95	1	1	25.847996
Type 3S2_str	BOBJ1	135	Before	Interior Girder 2	135	0.95	1	1	25.847998
Type 3S2_str	BOBJ1	135	Before	Right Exterior Girder	135	0.95	1	1	34.896747
Type 3S2_str	BOBJ1	135	After	Left Exterior Girder	135	0.95	1	1	31.969843
Type 3S2_str	BOBJ1	135	After	Interior Girder 1	135	0.95	1	1	26.795063
Type 3S2_str	BOBJ1	135	After	Interior Girder 2	135	0.95	1	1	26.795065
Type 3S2_str	BOBJ1	135	After	Right Exterior Girder	135	0.95	1	1	31.969841
Type 3S2_str	BOBJ1	146.25	Before	Left Exterior Girder	146.25	0.95	1	1	31.626338
Type 3S2_str	BOBJ1	146.25	Before	Interior Girder 1	146.25	0.95	1	1	26.472192
Type 3S2_str	BOBJ1	146.25	Before	Interior Girder 2	146.25	0.95	1	1	26.472194
Type 3S2_str	BOBJ1	146.25	Before	Right Exterior Girder	146.25	0.95	1	1	31.626337
Type 3S2_str	BOBJ1	146.25	After	Left Exterior Girder	146.25	0.95	1	1	29.21675
Type 3S2_str	BOBJ1	146.25	After	Interior Girder 1	146.25	0.95	1	1	23.342058
Type 3S2_str	BOBJ1	146.25	After	Interior Girder 2	146.25	0.95	1	1	23.34206
Type 3S2_str	BOBJ1	146.25	After	Right Exterior Girder	146.25	0.95	1	1	29.216748
Type 3S2_str	BOBJ1	157.5	Before	Left Exterior Girder	157.5	0.95	1	1	28.897531
Type 3S2_str	BOBJ1	157.5	Before	Interior Girder 1	157.5	0.95	1	1	23.056004
Type 3S2_str	BOBJ1	157.5	Before	Interior Girder 2	157.5	0.95	1	1	23.056005
Type 3S2_str	BOBJ1	157.5	Before	Right Exterior Girder	157.5	0.95	1	1	28.897529
Type 3S2_str	BOBJ1	157.5	After	Left Exterior Girder	157.5	0.95	1	1	26.615224
Type 3S2_str	BOBJ1	157.5	After	Interior Girder 1	157.5	0.95	1	1	22.39599
Type 3S2_str	BOBJ1	157.5	After	Interior Girder 2	157.5	0.95	1	1	22.395989
Type 3S2_str	BOBJ1	157.5	After	Right Exterior Girder	157.5	0.95	1	1	26.615223
Type 3S2_str	BOBJ1	168.2522	Before	Left Exterior Girder	168.2522	0.95	1	1	26.332027
Type 3S2_str	BOBJ1	168.2522	Before	Interior Girder 1	168.2522	0.95	1	1	22.128693
Type 3S2_str	BOBJ1	168.2522	Before	Interior Girder 2	168.2522	0.95	1	1	22.128692
Type 3S2_str	BOBJ1	168.2522	Before	Right Exterior Girder	168.2522	0.95	1	1	26.332026
Type 3S2_str	BOBJ1	168.2522	After	Left Exterior Girder	168.2522	0.95	1	1	35.639724
Type 3S2_str	BOBJ1	168.2522	After	Interior Girder 1	168.2522	0.95	1	1	29.793911
Type 3S2_str	BOBJ1	168.2522	After	Interior Girder 2	168.2522	0.95	1	1	29.79391
Type 3S2_str	BOBJ1	168.2522	After	Right Exterior Girder	168.2522	0.95	1	1	35.639724
Type 3S2_str	BOBJ1	168.75	Before	Left Exterior Girder	168.75	0.95	1	1	35.625511
Type 3S2_str	BOBJ1	168.75	Before	Interior Girder 1	168.75	0.95	1	1	29.781006
Type 3S2_str	BOBJ1	168.75	Before	Interior Girder 2	168.75	0.95	1	1	29.781005
Type 3S2_str	BOBJ1	168.75	Before	Right Exterior Girder	168.75	0.95	1	1	35.62551
Type 3S2_str	BOBJ1	168.75	After	Left Exterior Girder	168.75	0.95	1	1	38.711803
Type 3S2_str	BOBJ1	168.75	After	Interior Girder 1	168.75	0.95	1	1	30.509117
Type 3S2_str	BOBJ1	168.75	After	Interior Girder 2	168.75	0.95	1	1	30.509116
Type 3S2_str	BOBJ1	168.75	After	Right Exterior Girder	168.75	0.95	1	1	38.711802
Type 3S2_str	BOBJ1	180	Before	Left Exterior Girder	180	0.95	1	1	38.364251
Type 3S2_str	BOBJ1	180	Before	Interior Girder 1	180	0.95	1	1	30.207937
Type 3S2_str	BOBJ1	180	Before	Interior Girder 2	180	0.95	1	1	30.207935
Type 3S2_str	BOBJ1	180	Before	Right Exterior Girder	180	0.95	1	1	38.36425
Type 3S2_str	BOBJ1	180	After	Left Exterior Girder	180	0.95	1	1	35.667654
Type 3S2_str	BOBJ1	180	After	Interior Girder 1	180	0.95	1	1	27.743456
Type 3S2_str	BOBJ1	180	After	Interior Girder 2	180	0.95	1	1	27.743454
Type 3S2_str	BOBJ1	180	After	Right Exterior Girder	180	0.95	1	1	35.667656
Type 3S2_str	BOBJ1	183.1858	Before	Left Exterior Girder	183.1858	0.95	1	1	35.57573
Type 3S2_str	BOBJ1	183.1858	Before	Interior Girder 1	183.1858	0.95	1	1	27.664927
Type 3S2_str	BOBJ1	183.1858	Before	Interior Girder 2	183.1858	0.95	1	1	27.664925
Type 3S2_str	BOBJ1	183.1858	Before	Right Exterior Girder	183.1858	0.95	1	1	35.575732

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Main Span Girders									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Type 3S2_str	BOBJ1	183.1858	After	Left Exterior Girder	183.1858	0.95	1	1	56.714486
Type 3S2_str	BOBJ1	183.1858	After	Interior Girder 1	183.1858	0.95	1	1	43.169623
Type 3S2_str	BOBJ1	183.1858	After	Interior Girder 2	183.1858	0.95	1	1	43.16962
Type 3S2_str	BOBJ1	183.1858	After	Right Exterior Girder	183.1858	0.95	1	1	56.714489
Type 3S2_str	BOBJ1	191.25	Before	Left Exterior Girder	191.25	0.95	1	1	56.419222
Type 3S2_str	BOBJ1	191.25	Before	Interior Girder 1	191.25	0.95	1	1	42.927174
Type 3S2_str	BOBJ1	191.25	Before	Interior Girder 2	191.25	0.95	1	1	42.927172
Type 3S2_str	BOBJ1	191.25	Before	Right Exterior Girder	191.25	0.95	1	1	56.419225
Type 3S2_str	BOBJ1	191.25	After	Left Exterior Girder	191.25	0.95	1	1	54.7441
Type 3S2_str	BOBJ1	191.25	After	Interior Girder 1	191.25	0.95	1	1	39.336556
Type 3S2_str	BOBJ1	191.25	After	Interior Girder 2	191.25	0.95	1	1	39.336554
Type 3S2_str	BOBJ1	191.25	After	Right Exterior Girder	191.25	0.95	1	1	54.744103
Type 3S2_str	BOBJ1	199.9414	Before	Left Exterior Girder	199.9414	0.95	1	1	54.434735
Type 3S2_str	BOBJ1	199.9414	Before	Interior Girder 1	199.9414	0.95	1	1	39.096702
Type 3S2_str	BOBJ1	199.9414	Before	Interior Girder 2	199.9414	0.95	1	1	39.0967
Type 3S2_str	BOBJ1	199.9414	Before	Right Exterior Girder	199.9414	0.95	1	1	54.434738
Type 3S2_str	BOBJ1	199.9414	After	Left Exterior Girder	199.9414	0.95	1	1	69.323475
Type 3S2_str	BOBJ1	199.9414	After	Interior Girder 1	199.9414	0.95	1	1	46.982308
Type 3S2_str	BOBJ1	199.9414	After	Interior Girder 2	199.9414	0.95	1	1	46.982306
Type 3S2_str	BOBJ1	199.9414	After	Right Exterior Girder	199.9414	0.95	1	1	69.323479
Type 3S2_str	BOBJ1	202.5	Before	Left Exterior Girder	202.5	0.95	1	1	69.219808
Type 3S2_str	BOBJ1	202.5	Before	Interior Girder 1	202.5	0.95	1	1	46.907398
Type 3S2_str	BOBJ1	202.5	Before	Interior Girder 2	202.5	0.95	1	1	46.907396
Type 3S2_str	BOBJ1	202.5	Before	Right Exterior Girder	202.5	0.95	1	1	69.219811
Type 3S2_str	BOBJ1	202.5	After	Left Exterior Girder	202.5	0.95	1	1	69.61834
Type 3S2_str	BOBJ1	202.5	After	Interior Girder 1	202.5	0.95	1	1	47.231577
Type 3S2_str	BOBJ1	202.5	After	Interior Girder 2	202.5	0.95	1	1	47.231576
Type 3S2_str	BOBJ1	202.5	After	Right Exterior Girder	202.5	0.95	1	1	69.618343
Type 3S2_str	BOBJ1	210.5642	Before	Left Exterior Girder	210.5642	0.95	1	1	69.289389
Type 3S2_str	BOBJ1	210.5642	Before	Interior Girder 1	210.5642	0.95	1	1	46.993413
Type 3S2_str	BOBJ1	210.5642	Before	Interior Girder 2	210.5642	0.95	1	1	46.993412
Type 3S2_str	BOBJ1	210.5642	Before	Right Exterior Girder	210.5642	0.95	1	1	69.289391
Type 3S2_str	BOBJ1	210.5642	After	Left Exterior Girder	210.5642	0.95	1	1	84.002232
Type 3S2_str	BOBJ1	210.5642	After	Interior Girder 1	210.5642	0.95	1	1	54.116528
Type 3S2_str	BOBJ1	210.5642	After	Interior Girder 2	210.5642	0.95	1	1	54.116527
Type 3S2_str	BOBJ1	210.5642	After	Right Exterior Girder	210.5642	0.95	1	1	84.002235
Type 3S2_str	BOBJ1	213.75	Before	Left Exterior Girder	213.75	0.95	1	1	83.856278
Type 3S2_str	BOBJ1	213.75	Before	Interior Girder 1	213.75	0.95	1	1	54.017032
Type 3S2_str	BOBJ1	213.75	Before	Interior Girder 2	213.75	0.95	1	1	54.017031
Type 3S2_str	BOBJ1	213.75	Before	Right Exterior Girder	213.75	0.95	1	1	83.856281
Type 3S2_str	BOBJ1	213.75	After	Left Exterior Girder	213.75	0.95	1	1	83.78829
Type 3S2_str	BOBJ1	213.75	After	Interior Girder 1	213.75	0.95	1	1	52.503698
Type 3S2_str	BOBJ1	213.75	After	Interior Girder 2	213.75	0.95	1	1	52.503697
Type 3S2_str	BOBJ1	213.75	After	Right Exterior Girder	213.75	0.95	1	1	83.788292
Type 3S2_str	BOBJ1	225	Before	Left Exterior Girder	225	0.95	1	1	83.272889
Type 3S2_str	BOBJ1	225	Before	Interior Girder 1	225	0.95	1	1	52.161852
Type 3S2_str	BOBJ1	225	Before	Interior Girder 2	225	0.95	1	1	52.161851
Type 3S2_str	BOBJ1	225	Before	Right Exterior Girder	225	0.95	1	1	83.272892
Type 3S2_str	BOBJ1	225	After	Left Exterior Girder	0	0.95	1	1	78.073286
Type 3S2_str	BOBJ1	225	After	Interior Girder 1	0	0.95	1	1	48.651562
Type 3S2_str	BOBJ1	225	After	Interior Girder 2	0	0.95	1	1	48.651562
Type 3S2_str	BOBJ1	225	After	Right Exterior Girder	0	0.95	1	1	78.073285
Type 3S2_str	BOBJ1	236.45	Before	Left Exterior Girder	11.45	0.95	1	1	80.012447
Type 3S2_str	BOBJ1	236.45	Before	Interior Girder 1	11.45	0.95	1	1	52.008006
Type 3S2_str	BOBJ1	236.45	Before	Interior Girder 2	11.45	0.95	1	1	52.008006
Type 3S2_str	BOBJ1	236.45	Before	Right Exterior Girder	11.45	0.95	1	1	80.012446
Type 3S2_str	BOBJ1	236.45	After	Left Exterior Girder	11.45	0.95	1	1	79.990588
Type 3S2_str	BOBJ1	236.45	After	Interior Girder 1	11.45	0.95	1	1	52.879129
Type 3S2_str	BOBJ1	236.45	After	Interior Girder 2	11.45	0.95	1	1	52.879129
Type 3S2_str	BOBJ1	236.45	After	Right Exterior Girder	11.45	0.95	1	1	79.990587
Type 3S2_str	BOBJ1	239.5082	Before	Left Exterior Girder	14.5082	0.95	1	1	80.125642
Type 3S2_str	BOBJ1	239.5082	Before	Interior Girder 1	14.5082	0.95	1	1	52.973566
Type 3S2_str	BOBJ1	239.5082	Before	Interior Girder 2	14.5082	0.95	1	1	52.973566
Type 3S2_str	BOBJ1	239.5082	Before	Right Exterior Girder	14.5082	0.95	1	1	80.125641
Type 3S2_str	BOBJ1	239.5082	After	Left Exterior Girder	14.5082	0.95	1	1	65.779638
Type 3S2_str	BOBJ1	239.5082	After	Interior Girder 1	14.5082	0.95	1	1	46.014447
Type 3S2_str	BOBJ1	239.5082	After	Interior Girder 2	14.5082	0.95	1	1	46.014447
Type 3S2_str	BOBJ1	239.5082	After	Right Exterior Girder	14.5082	0.95	1	1	65.779637

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Main Span Girders									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Type 3S2_str	BOBJ1	247.9	Before	Left Exterior Girder	22.9	0.95	1	1	66.10889
Type 3S2_str	BOBJ1	247.9	Before	Interior Girder 1	22.9	0.95	1	1	46.260206
Type 3S2_str	BOBJ1	247.9	Before	Interior Girder 2	22.9	0.95	1	1	46.260206
Type 3S2_str	BOBJ1	247.9	Before	Right Exterior Girder	22.9	0.95	1	1	66.108889
Type 3S2_str	BOBJ1	247.9	After	Left Exterior Girder	22.9	0.95	1	1	68.926592
Type 3S2_str	BOBJ1	247.9	After	Interior Girder 1	22.9	0.95	1	1	50.06407
Type 3S2_str	BOBJ1	247.9	After	Interior Girder 2	22.9	0.95	1	1	50.06407
Type 3S2_str	BOBJ1	247.9	After	Right Exterior Girder	22.9	0.95	1	1	68.92659
Type 3S2_str	BOBJ1	258.5189	Before	Left Exterior Girder	33.5189	0.95	1	1	69.359992
Type 3S2_str	BOBJ1	258.5189	Before	Interior Girder 1	33.5189	0.95	1	1	50.399946
Type 3S2_str	BOBJ1	258.5189	Before	Interior Girder 2	33.5189	0.95	1	1	50.399946
Type 3S2_str	BOBJ1	258.5189	Before	Right Exterior Girder	33.5189	0.95	1	1	69.359991
Type 3S2_str	BOBJ1	258.5189	After	Left Exterior Girder	33.5189	0.95	1	1	51.104421
Type 3S2_str	BOBJ1	258.5189	After	Interior Girder 1	33.5189	0.95	1	1	40.184348
Type 3S2_str	BOBJ1	258.5189	After	Interior Girder 2	33.5189	0.95	1	1	40.184348
Type 3S2_str	BOBJ1	258.5189	After	Right Exterior Girder	33.5189	0.95	1	1	51.104419
Type 3S2_str	BOBJ1	259.3	Before	Left Exterior Girder	34.3	0.95	1	1	51.130863
Type 3S2_str	BOBJ1	259.3	Before	Interior Girder 1	34.3	0.95	1	1	40.206627
Type 3S2_str	BOBJ1	259.3	Before	Interior Girder 2	34.3	0.95	1	1	40.206627
Type 3S2_str	BOBJ1	259.3	Before	Right Exterior Girder	34.3	0.95	1	1	51.130862
Type 3S2_str	BOBJ1	259.3	After	Left Exterior Girder	34.3	0.95	1	1	53.457055
Type 3S2_str	BOBJ1	259.3	After	Interior Girder 1	34.3	0.95	1	1	40.888538
Type 3S2_str	BOBJ1	259.3	After	Interior Girder 2	34.3	0.95	1	1	40.888538
Type 3S2_str	BOBJ1	259.3	After	Right Exterior Girder	34.3	0.95	1	1	53.457053
Type 3S2_str	BOBJ1	266.1031	Before	Left Exterior Girder	41.1031	0.95	1	1	53.696817
Type 3S2_str	BOBJ1	266.1031	Before	Interior Girder 1	41.1031	0.95	1	1	41.086357
Type 3S2_str	BOBJ1	266.1031	Before	Interior Girder 2	41.1031	0.95	1	1	41.086357
Type 3S2_str	BOBJ1	266.1031	Before	Right Exterior Girder	41.1031	0.95	1	1	53.696815
Type 3S2_str	BOBJ1	266.1031	After	Left Exterior Girder	41.1031	0.95	1	1	33.741383
Type 3S2_str	BOBJ1	266.1031	After	Interior Girder 1	41.1031	0.95	1	1	26.539342
Type 3S2_str	BOBJ1	266.1031	After	Interior Girder 2	41.1031	0.95	1	1	26.539342
Type 3S2_str	BOBJ1	266.1031	After	Right Exterior Girder	41.1031	0.95	1	1	33.741382
Type 3S2_str	BOBJ1	270.7	Before	Left Exterior Girder	45.7	0.95	1	1	33.870477
Type 3S2_str	BOBJ1	270.7	Before	Interior Girder 1	45.7	0.95	1	1	26.650941
Type 3S2_str	BOBJ1	270.7	Before	Interior Girder 2	45.7	0.95	1	1	26.650941
Type 3S2_str	BOBJ1	270.7	Before	Right Exterior Girder	45.7	0.95	1	1	33.870476
Type 3S2_str	BOBJ1	270.7	After	Left Exterior Girder	45.7	0.95	1	1	34.274806
Type 3S2_str	BOBJ1	270.7	After	Interior Girder 1	45.7	0.95	1	1	25.893645
Type 3S2_str	BOBJ1	270.7	After	Interior Girder 2	45.7	0.95	1	1	25.893646
Type 3S2_str	BOBJ1	270.7	After	Right Exterior Girder	45.7	0.95	1	1	34.274805
Type 3S2_str	BOBJ1	273.6874	Before	Left Exterior Girder	48.6874	0.95	1	1	34.359541
Type 3S2_str	BOBJ1	273.6874	Before	Interior Girder 1	48.6874	0.95	1	1	25.96389
Type 3S2_str	BOBJ1	273.6874	Before	Interior Girder 2	48.6874	0.95	1	1	25.96389
Type 3S2_str	BOBJ1	273.6874	Before	Right Exterior Girder	48.6874	0.95	1	1	34.35954
Type 3S2_str	BOBJ1	273.6874	After	Left Exterior Girder	48.6874	0.95	1	1	22.691449
Type 3S2_str	BOBJ1	273.6874	After	Interior Girder 1	48.6874	0.95	1	1	18.028249
Type 3S2_str	BOBJ1	273.6874	After	Interior Girder 2	48.6874	0.95	1	1	18.02825
Type 3S2_str	BOBJ1	273.6874	After	Right Exterior Girder	48.6874	0.95	1	1	22.691448
Type 3S2_str	BOBJ1	282.15	Before	Left Exterior Girder	57.15	0.95	1	1	22.894469
Type 3S2_str	BOBJ1	282.15	Before	Interior Girder 1	57.15	0.95	1	1	18.209179
Type 3S2_str	BOBJ1	282.15	Before	Interior Girder 2	57.15	0.95	1	1	18.209179
Type 3S2_str	BOBJ1	282.15	Before	Right Exterior Girder	57.15	0.95	1	1	22.894468
Type 3S2_str	BOBJ1	282.15	After	Left Exterior Girder	57.15	0.95	1	1	23.36199
Type 3S2_str	BOBJ1	282.15	After	Interior Girder 1	57.15	0.95	1	1	19.099928
Type 3S2_str	BOBJ1	282.15	After	Interior Girder 2	57.15	0.95	1	1	19.099929
Type 3S2_str	BOBJ1	282.15	After	Right Exterior Girder	57.15	0.95	1	1	23.361989
Type 3S2_str	BOBJ1	293.6	Before	Left Exterior Girder	68.6	0.95	1	1	24.521965
Type 3S2_str	BOBJ1	293.6	Before	Interior Girder 1	68.6	0.95	1	1	20.717992
Type 3S2_str	BOBJ1	293.6	Before	Interior Girder 2	68.6	0.95	1	1	20.717992
Type 3S2_str	BOBJ1	293.6	Before	Right Exterior Girder	68.6	0.95	1	1	24.521964
Type 3S2_str	BOBJ1	293.6	After	Left Exterior Girder	68.6	0.95	1	1	25.32304
Type 3S2_str	BOBJ1	293.6	After	Interior Girder 1	68.6	0.95	1	1	19.766573
Type 3S2_str	BOBJ1	293.6	After	Interior Girder 2	68.6	0.95	1	1	19.766574
Type 3S2_str	BOBJ1	293.6	After	Right Exterior Girder	68.6	0.95	1	1	25.323042
Type 3S2_str	BOBJ1	305	Before	Left Exterior Girder	80	0.95	1	1	26.693744
Type 3S2_str	BOBJ1	305	Before	Interior Girder 1	80	0.95	1	1	21.334061
Type 3S2_str	BOBJ1	305	Before	Interior Girder 2	80	0.95	1	1	21.334061
Type 3S2_str	BOBJ1	305	Before	Right Exterior Girder	80	0.95	1	1	26.693746

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Main Span Girders									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Type 3S2_str	BOBJ1	305	After	Left Exterior Girder	80	0.95	1	1	26.119363
Type 3S2_str	BOBJ1	305	After	Interior Girder 1	80	0.95	1	1	21.362837
Type 3S2_str	BOBJ1	305	After	Interior Girder 2	80	0.95	1	1	21.362837
Type 3S2_str	BOBJ1	305	After	Right Exterior Girder	80	0.95	1	1	26.119365
Type 3S2_str	BOBJ1	306.9561	Before	Left Exterior Girder	81.9561	0.95	1	1	26.170922
Type 3S2_str	BOBJ1	306.9561	Before	Interior Girder 1	81.9561	0.95	1	1	21.409792
Type 3S2_str	BOBJ1	306.9561	Before	Interior Girder 2	81.9561	0.95	1	1	21.409792
Type 3S2_str	BOBJ1	306.9561	Before	Right Exterior Girder	81.9561	0.95	1	1	26.170925
Type 3S2_str	BOBJ1	306.9561	After	Left Exterior Girder	81.9561	0.95	1	1	47.898722
Type 3S2_str	BOBJ1	306.9561	After	Interior Girder 1	81.9561	0.95	1	1	40.189799
Type 3S2_str	BOBJ1	306.9561	After	Interior Girder 2	81.9561	0.95	1	1	40.189799
Type 3S2_str	BOBJ1	306.9561	After	Right Exterior Girder	81.9561	0.95	1	1	47.898725
Type 3S2_str	BOBJ1	316.4	Before	Left Exterior Girder	91.4	0.95	1	1	48.24322
Type 3S2_str	BOBJ1	316.4	Before	Interior Girder 1	91.4	0.95	1	1	40.506594
Type 3S2_str	BOBJ1	316.4	Before	Interior Girder 2	91.4	0.95	1	1	40.506595
Type 3S2_str	BOBJ1	316.4	Before	Right Exterior Girder	91.4	0.95	1	1	48.243224
Type 3S2_str	BOBJ1	316.4	After	Left Exterior Girder	91.4	0.95	1	1	50.192184
Type 3S2_str	BOBJ1	316.4	After	Interior Girder 1	91.4	0.95	1	1	37.626503
Type 3S2_str	BOBJ1	316.4	After	Interior Girder 2	91.4	0.95	1	1	37.626503
Type 3S2_str	BOBJ1	316.4	After	Right Exterior Girder	91.4	0.95	1	1	50.192186
Type 3S2_str	BOBJ1	327.85	Before	Left Exterior Girder	102.9679	0.95	1	1	52.897083
Type 3S2_str	BOBJ1	327.85	Before	Interior Girder 1	102.9679	0.95	1	1	40.766665
Type 3S2_str	BOBJ1	327.85	Before	Interior Girder 2	102.9679	0.95	1	1	40.766666
Type 3S2_str	BOBJ1	327.85	Before	Right Exterior Girder	102.9679	0.95	1	1	52.897084
Type 3S2_str	BOBJ1	327.85	After	Left Exterior Girder	102.9679	0.95	1	1	83.072577
Type 3S2_str	BOBJ1	327.85	After	Interior Girder 1	102.9679	0.95	1	1	64.639893
Type 3S2_str	BOBJ1	327.85	After	Interior Girder 2	102.9679	0.95	1	1	64.639894
Type 3S2_str	BOBJ1	327.85	After	Right Exterior Girder	102.9679	0.95	1	1	83.07258
Type 3S2_str	BOBJ1	339.3	Before	Left Exterior Girder	114.3	0.95	1	1	87.606949
Type 3S2_str	BOBJ1	339.3	Before	Interior Girder 1	114.3	0.95	1	1	69.762844
Type 3S2_str	BOBJ1	339.3	Before	Interior Girder 2	114.3	0.95	1	1	69.762845
Type 3S2_str	BOBJ1	339.3	Before	Right Exterior Girder	114.3	0.95	1	1	87.606951
Type 3S2_str	BOBJ1	339.3	After	Left Exterior Girder	114.3	0.95	1	1	91.584437
Type 3S2_str	BOBJ1	339.3	After	Interior Girder 1	114.3	0.95	1	1	64.167944
Type 3S2_str	BOBJ1	339.3	After	Interior Girder 2	114.3	0.95	1	1	64.167942
Type 3S2_str	BOBJ1	339.3	After	Right Exterior Girder	114.3	0.95	1	1	91.584435
Type 3S2_str	BOBJ1	350.7	Before	Left Exterior Girder	125.7	0.95	1	1	96.898403
Type 3S2_str	BOBJ1	350.7	Before	Interior Girder 1	125.7	0.95	1	1	69.569666
Type 3S2_str	BOBJ1	350.7	Before	Interior Girder 2	125.7	0.95	1	1	69.569664
Type 3S2_str	BOBJ1	350.7	Before	Right Exterior Girder	125.7	0.95	1	1	96.898401
Type 3S2_str	BOBJ1	350.7	After	Left Exterior Girder	125.7	0.95	1	1	100.058271
Type 3S2_str	BOBJ1	350.7	After	Interior Girder 1	125.7	0.95	1	1	72.13535
Type 3S2_str	BOBJ1	350.7	After	Interior Girder 2	125.7	0.95	1	1	72.135348
Type 3S2_str	BOBJ1	350.7	After	Right Exterior Girder	125.7	0.95	1	1	100.05827
Type 3S2_str	BOBJ1	362.1	Before	Left Exterior Girder	137.1	0.95	1	1	106.465798
Type 3S2_str	BOBJ1	362.1	Before	Interior Girder 1	137.1	0.95	1	1	78.209253
Type 3S2_str	BOBJ1	362.1	Before	Interior Girder 2	137.1	0.95	1	1	78.209253
Type 3S2_str	BOBJ1	362.1	Before	Right Exterior Girder	137.1	0.95	1	1	106.465797
Type 3S2_str	BOBJ1	362.1	After	Left Exterior Girder	137.1	0.95	1	1	112.34202
Type 3S2_str	BOBJ1	362.1	After	Interior Girder 1	137.1	0.95	1	1	71.087473
Type 3S2_str	BOBJ1	362.1	After	Interior Girder 2	137.1	0.95	1	1	71.087474
Type 3S2_str	BOBJ1	362.1	After	Right Exterior Girder	137.1	0.95	1	1	112.342012
Type 3S2_str	BOBJ1	373.55	Before	Left Exterior Girder	148.55	0.95	1	1	120.107857
Type 3S2_str	BOBJ1	373.55	Before	Interior Girder 1	148.55	0.95	1	1	77.428417
Type 3S2_str	BOBJ1	373.55	Before	Interior Girder 2	148.55	0.95	1	1	77.428417
Type 3S2_str	BOBJ1	373.55	Before	Right Exterior Girder	148.55	0.95	1	1	120.107848
Type 3S2_str	BOBJ1	373.55	After	Left Exterior Girder	148.55	0.95	1	1	124.937618
Type 3S2_str	BOBJ1	373.55	After	Interior Girder 1	148.55	0.95	1	1	80.496751
Type 3S2_str	BOBJ1	373.55	After	Interior Girder 2	148.55	0.95	1	1	80.496751
Type 3S2_str	BOBJ1	373.55	After	Right Exterior Girder	148.55	0.95	1	1	124.937609
Type 3S2_str	BOBJ1	385	Before	Left Exterior Girder	160	0.95	1	1	134.592501
Type 3S2_str	BOBJ1	385	Before	Interior Girder 1	160	0.95	1	1	79.088424
Type 3S2_str	BOBJ1	385	Before	Interior Girder 2	160	0.95	1	1	79.088422
Type 3S2_str	BOBJ1	385	Before	Right Exterior Girder	160	0.95	1	1	134.592489
Type 3S2_str	BOBJ1	385	After	Left Exterior Girder	160	0.95	1	1	134.592489
Type 3S2_str	BOBJ1	385	After	Interior Girder 1	160	0.95	1	1	79.088417
Type 3S2_str	BOBJ1	385	After	Interior Girder 2	160	0.95	1	1	79.08842
Type 3S2_str	BOBJ1	385	After	Right Exterior Girder	160	0.95	1	1	134.592502

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Main Span Girders									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Type 3S2_str	BOBJ1	396.45	Before	Left Exterior Girder	171.45	0.95	1	1	124.937608
Type 3S2_str	BOBJ1	396.45	Before	Interior Girder 1	171.45	0.95	1	1	80.496755
Type 3S2_str	BOBJ1	396.45	Before	Interior Girder 2	171.45	0.95	1	1	80.496754
Type 3S2_str	BOBJ1	396.45	Before	Right Exterior Girder	171.45	0.95	1	1	124.937618
Type 3S2_str	BOBJ1	396.45	After	Left Exterior Girder	171.45	0.95	1	1	120.107845
Type 3S2_str	BOBJ1	396.45	After	Interior Girder 1	171.45	0.95	1	1	77.428421
Type 3S2_str	BOBJ1	396.45	After	Interior Girder 2	171.45	0.95	1	1	77.42842
Type 3S2_str	BOBJ1	396.45	After	Right Exterior Girder	171.45	0.95	1	1	120.107855
Type 3S2_str	BOBJ1	407.9	Before	Left Exterior Girder	182.9	0.95	1	1	112.342007
Type 3S2_str	BOBJ1	407.9	Before	Interior Girder 1	182.9	0.95	1	1	71.087479
Type 3S2_str	BOBJ1	407.9	Before	Interior Girder 2	182.9	0.95	1	1	71.087476
Type 3S2_str	BOBJ1	407.9	Before	Right Exterior Girder	182.9	0.95	1	1	112.342017
Type 3S2_str	BOBJ1	407.9	After	Left Exterior Girder	182.9	0.95	1	1	106.46579
Type 3S2_str	BOBJ1	407.9	After	Interior Girder 1	182.9	0.95	1	1	78.209259
Type 3S2_str	BOBJ1	407.9	After	Interior Girder 2	182.9	0.95	1	1	78.209256
Type 3S2_str	BOBJ1	407.9	After	Right Exterior Girder	182.9	0.95	1	1	106.465794
Type 3S2_str	BOBJ1	419.3	Before	Left Exterior Girder	194.3	0.95	1	1	100.058264
Type 3S2_str	BOBJ1	419.3	Before	Interior Girder 1	194.3	0.95	1	1	72.135353
Type 3S2_str	BOBJ1	419.3	Before	Interior Girder 2	194.3	0.95	1	1	72.135351
Type 3S2_str	BOBJ1	419.3	Before	Right Exterior Girder	194.3	0.95	1	1	100.058268
Type 3S2_str	BOBJ1	419.3	After	Left Exterior Girder	194.3	0.95	1	1	96.898394
Type 3S2_str	BOBJ1	419.3	After	Interior Girder 1	194.3	0.95	1	1	69.569668
Type 3S2_str	BOBJ1	419.3	After	Interior Girder 2	194.3	0.95	1	1	69.569667
Type 3S2_str	BOBJ1	419.3	After	Right Exterior Girder	194.3	0.95	1	1	96.8984
Type 3S2_str	BOBJ1	430.7	Before	Left Exterior Girder	205.7	0.95	1	1	91.584429
Type 3S2_str	BOBJ1	430.7	Before	Interior Girder 1	205.7	0.95	1	1	64.167948
Type 3S2_str	BOBJ1	430.7	Before	Interior Girder 2	205.7	0.95	1	1	64.167945
Type 3S2_str	BOBJ1	430.7	Before	Right Exterior Girder	205.7	0.95	1	1	91.584434
Type 3S2_str	BOBJ1	430.7	After	Left Exterior Girder	205.7	0.95	1	1	87.606949
Type 3S2_str	BOBJ1	430.7	After	Interior Girder 1	205.7	0.95	1	1	69.762846
Type 3S2_str	BOBJ1	430.7	After	Interior Girder 2	205.7	0.95	1	1	69.762843
Type 3S2_str	BOBJ1	430.7	After	Right Exterior Girder	205.7	0.95	1	1	87.606956
Type 3S2_str	BOBJ1	442.15	Before	Left Exterior Girder	217.0321	0.95	1	1	83.072578
Type 3S2_str	BOBJ1	442.15	Before	Interior Girder 1	217.0321	0.95	1	1	64.639893
Type 3S2_str	BOBJ1	442.15	Before	Interior Girder 2	217.0321	0.95	1	1	64.639892
Type 3S2_str	BOBJ1	442.15	Before	Right Exterior Girder	217.0321	0.95	1	1	83.072584
Type 3S2_str	BOBJ1	442.15	After	Left Exterior Girder	217.0321	0.95	1	1	52.897083
Type 3S2_str	BOBJ1	442.15	After	Interior Girder 1	217.0321	0.95	1	1	40.766665
Type 3S2_str	BOBJ1	442.15	After	Interior Girder 2	217.0321	0.95	1	1	40.766664
Type 3S2_str	BOBJ1	442.15	After	Right Exterior Girder	217.0321	0.95	1	1	52.897087
Type 3S2_str	BOBJ1	453.6	Before	Left Exterior Girder	228.6	0.95	1	1	50.192184
Type 3S2_str	BOBJ1	453.6	Before	Interior Girder 1	228.6	0.95	1	1	37.626503
Type 3S2_str	BOBJ1	453.6	Before	Interior Girder 2	228.6	0.95	1	1	37.626502
Type 3S2_str	BOBJ1	453.6	Before	Right Exterior Girder	228.6	0.95	1	1	50.192188
Type 3S2_str	BOBJ1	453.6	After	Left Exterior Girder	228.6	0.95	1	1	48.243221
Type 3S2_str	BOBJ1	453.6	After	Interior Girder 1	228.6	0.95	1	1	40.506594
Type 3S2_str	BOBJ1	453.6	After	Interior Girder 2	228.6	0.95	1	1	40.506593
Type 3S2_str	BOBJ1	453.6	After	Right Exterior Girder	228.6	0.95	1	1	48.243221
Type 3S2_str	BOBJ1	463.0439	Before	Left Exterior Girder	238.0439	0.95	1	1	47.898723
Type 3S2_str	BOBJ1	463.0439	Before	Interior Girder 1	238.0439	0.95	1	1	40.189799
Type 3S2_str	BOBJ1	463.0439	Before	Interior Girder 2	238.0439	0.95	1	1	40.189798
Type 3S2_str	BOBJ1	463.0439	Before	Right Exterior Girder	238.0439	0.95	1	1	47.898722
Type 3S2_str	BOBJ1	463.0439	After	Left Exterior Girder	238.0439	0.95	1	1	26.170923
Type 3S2_str	BOBJ1	463.0439	After	Interior Girder 1	238.0439	0.95	1	1	21.409792
Type 3S2_str	BOBJ1	463.0439	After	Interior Girder 2	238.0439	0.95	1	1	21.409792
Type 3S2_str	BOBJ1	463.0439	After	Right Exterior Girder	238.0439	0.95	1	1	26.170923
Type 3S2_str	BOBJ1	465	Before	Left Exterior Girder	240	0.95	1	1	26.119364
Type 3S2_str	BOBJ1	465	Before	Interior Girder 1	240	0.95	1	1	21.362837
Type 3S2_str	BOBJ1	465	Before	Interior Girder 2	240	0.95	1	1	21.362837
Type 3S2_str	BOBJ1	465	Before	Right Exterior Girder	240	0.95	1	1	26.119363
Type 3S2_str	BOBJ1	465	After	Left Exterior Girder	240	0.95	1	1	26.693745
Type 3S2_str	BOBJ1	465	After	Interior Girder 1	240	0.95	1	1	21.334061
Type 3S2_str	BOBJ1	465	After	Interior Girder 2	240	0.95	1	1	21.33406
Type 3S2_str	BOBJ1	465	After	Right Exterior Girder	240	0.95	1	1	26.693744
Type 3S2_str	BOBJ1	476.4	Before	Left Exterior Girder	251.4	0.95	1	1	25.323041
Type 3S2_str	BOBJ1	476.4	Before	Interior Girder 1	251.4	0.95	1	1	19.766574
Type 3S2_str	BOBJ1	476.4	Before	Interior Girder 2	251.4	0.95	1	1	19.766573
Type 3S2_str	BOBJ1	476.4	Before	Right Exterior Girder	251.4	0.95	1	1	25.32304

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Main Span Girders									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Type 3S2_str	BOBJ1	476.4	After	Left Exterior Girder	251.4	0.95	1	1	24.521963
Type 3S2_str	BOBJ1	476.4	After	Interior Girder 1	251.4	0.95	1	1	20.717992
Type 3S2_str	BOBJ1	476.4	After	Interior Girder 2	251.4	0.95	1	1	20.717993
Type 3S2_str	BOBJ1	476.4	After	Right Exterior Girder	251.4	0.95	1	1	24.521963
Type 3S2_str	BOBJ1	487.85	Before	Left Exterior Girder	262.85	0.95	1	1	23.361989
Type 3S2_str	BOBJ1	487.85	Before	Interior Girder 1	262.85	0.95	1	1	19.099928
Type 3S2_str	BOBJ1	487.85	Before	Interior Girder 2	262.85	0.95	1	1	19.09993
Type 3S2_str	BOBJ1	487.85	Before	Right Exterior Girder	262.85	0.95	1	1	23.361989
Type 3S2_str	BOBJ1	487.85	After	Left Exterior Girder	262.85	0.95	1	1	22.894468
Type 3S2_str	BOBJ1	487.85	After	Interior Girder 1	262.85	0.95	1	1	18.209179
Type 3S2_str	BOBJ1	487.85	After	Interior Girder 2	262.85	0.95	1	1	18.20918
Type 3S2_str	BOBJ1	487.85	After	Right Exterior Girder	262.85	0.95	1	1	22.894467
Type 3S2_str	BOBJ1	496.3126	Before	Left Exterior Girder	271.3126	0.95	1	1	22.691448
Type 3S2_str	BOBJ1	496.3126	Before	Interior Girder 1	271.3126	0.95	1	1	18.028249
Type 3S2_str	BOBJ1	496.3126	Before	Interior Girder 2	271.3126	0.95	1	1	18.02825
Type 3S2_str	BOBJ1	496.3126	Before	Right Exterior Girder	271.3126	0.95	1	1	22.691447
Type 3S2_str	BOBJ1	496.3126	After	Left Exterior Girder	271.3126	0.95	1	1	34.359539
Type 3S2_str	BOBJ1	496.3126	After	Interior Girder 1	271.3126	0.95	1	1	25.96389
Type 3S2_str	BOBJ1	496.3126	After	Interior Girder 2	271.3126	0.95	1	1	25.963892
Type 3S2_str	BOBJ1	496.3126	After	Right Exterior Girder	271.3126	0.95	1	1	34.359538
Type 3S2_str	BOBJ1	499.3	Before	Left Exterior Girder	274.3	0.95	1	1	34.274804
Type 3S2_str	BOBJ1	499.3	Before	Interior Girder 1	274.3	0.95	1	1	25.893646
Type 3S2_str	BOBJ1	499.3	Before	Interior Girder 2	274.3	0.95	1	1	25.893647
Type 3S2_str	BOBJ1	499.3	Before	Right Exterior Girder	274.3	0.95	1	1	34.274803
Type 3S2_str	BOBJ1	499.3	After	Left Exterior Girder	274.3	0.95	1	1	33.870477
Type 3S2_str	BOBJ1	499.3	After	Interior Girder 1	274.3	0.95	1	1	26.650941
Type 3S2_str	BOBJ1	499.3	After	Interior Girder 2	274.3	0.95	1	1	26.650943
Type 3S2_str	BOBJ1	499.3	After	Right Exterior Girder	274.3	0.95	1	1	33.870474
Type 3S2_str	BOBJ1	503.8969	Before	Left Exterior Girder	278.8969	0.95	1	1	33.741382
Type 3S2_str	BOBJ1	503.8969	Before	Interior Girder 1	278.8969	0.95	1	1	26.539342
Type 3S2_str	BOBJ1	503.8969	Before	Interior Girder 2	278.8969	0.95	1	1	26.539344
Type 3S2_str	BOBJ1	503.8969	Before	Right Exterior Girder	278.8969	0.95	1	1	33.74138
Type 3S2_str	BOBJ1	503.8969	After	Left Exterior Girder	278.8969	0.95	1	1	53.696816
Type 3S2_str	BOBJ1	503.8969	After	Interior Girder 1	278.8969	0.95	1	1	41.086356
Type 3S2_str	BOBJ1	503.8969	After	Interior Girder 2	278.8969	0.95	1	1	41.086359
Type 3S2_str	BOBJ1	503.8969	After	Right Exterior Girder	278.8969	0.95	1	1	53.696813
Type 3S2_str	BOBJ1	510.7	Before	Left Exterior Girder	285.7	0.95	1	1	53.457054
Type 3S2_str	BOBJ1	510.7	Before	Interior Girder 1	285.7	0.95	1	1	40.888538
Type 3S2_str	BOBJ1	510.7	Before	Interior Girder 2	285.7	0.95	1	1	40.888541
Type 3S2_str	BOBJ1	510.7	Before	Right Exterior Girder	285.7	0.95	1	1	53.457051
Type 3S2_str	BOBJ1	510.7	After	Left Exterior Girder	285.7	0.95	1	1	49.658739
Type 3S2_str	BOBJ1	510.7	After	Interior Girder 1	285.7	0.95	1	1	37.294028
Type 3S2_str	BOBJ1	510.7	After	Interior Girder 2	285.7	0.95	1	1	37.29403
Type 3S2_str	BOBJ1	510.7	After	Right Exterior Girder	285.7	0.95	1	1	49.658736
Type 3S2_str	BOBJ1	511.4811	Before	Left Exterior Girder	286.4811	0.95	1	1	49.633058
Type 3S2_str	BOBJ1	511.4811	Before	Interior Girder 1	286.4811	0.95	1	1	37.273363
Type 3S2_str	BOBJ1	511.4811	Before	Interior Girder 2	286.4811	0.95	1	1	37.273365
Type 3S2_str	BOBJ1	511.4811	Before	Right Exterior Girder	286.4811	0.95	1	1	49.633055
Type 3S2_str	BOBJ1	511.4811	After	Left Exterior Girder	286.4811	0.95	1	1	69.540986
Type 3S2_str	BOBJ1	511.4811	After	Interior Girder 1	286.4811	0.95	1	1	50.760059
Type 3S2_str	BOBJ1	511.4811	After	Interior Girder 2	286.4811	0.95	1	1	50.760062
Type 3S2_str	BOBJ1	511.4811	After	Right Exterior Girder	286.4811	0.95	1	1	69.540982
Type 3S2_str	BOBJ1	522.1	Before	Left Exterior Girder	297.1	0.95	1	1	69.106455
Type 3S2_str	BOBJ1	522.1	Before	Interior Girder 1	297.1	0.95	1	1	50.421783
Type 3S2_str	BOBJ1	522.1	Before	Interior Girder 2	297.1	0.95	1	1	50.421786
Type 3S2_str	BOBJ1	522.1	Before	Right Exterior Girder	297.1	0.95	1	1	69.106451
Type 3S2_str	BOBJ1	522.1	After	Left Exterior Girder	297.1	0.95	1	1	66.108889
Type 3S2_str	BOBJ1	522.1	After	Interior Girder 1	297.1	0.95	1	1	46.260208
Type 3S2_str	BOBJ1	522.1	After	Interior Girder 2	297.1	0.95	1	1	46.260208
Type 3S2_str	BOBJ1	522.1	After	Right Exterior Girder	297.1	0.95	1	1	66.108888
Type 3S2_str	BOBJ1	530.4918	Before	Left Exterior Girder	305.4918	0.95	1	1	65.779638
Type 3S2_str	BOBJ1	530.4918	Before	Interior Girder 1	305.4918	0.95	1	1	46.014448
Type 3S2_str	BOBJ1	530.4918	Before	Interior Girder 2	305.4918	0.95	1	1	46.014449
Type 3S2_str	BOBJ1	530.4918	Before	Right Exterior Girder	305.4918	0.95	1	1	65.779636
Type 3S2_str	BOBJ1	530.4918	After	Left Exterior Girder	305.4918	0.95	1	1	80.125392
Type 3S2_str	BOBJ1	530.4918	After	Interior Girder 1	305.4918	0.95	1	1	52.972101
Type 3S2_str	BOBJ1	530.4918	After	Interior Girder 2	305.4918	0.95	1	1	52.972101
Type 3S2_str	BOBJ1	530.4918	After	Right Exterior Girder	305.4918	0.95	1	1	80.12539

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Main Span Girders									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Type 3S2_str	BOBJ1	533.55	Before	Left Exterior Girder	308.55	0.95	1	1	79.990338
Type 3S2_str	BOBJ1	533.55	Before	Interior Girder 1	308.55	0.95	1	1	52.877666
Type 3S2_str	BOBJ1	533.55	Before	Interior Girder 2	308.55	0.95	1	1	52.877667
Type 3S2_str	BOBJ1	533.55	Before	Right Exterior Girder	308.55	0.95	1	1	79.990337
Type 3S2_str	BOBJ1	533.55	After	Left Exterior Girder	308.55	0.95	1	1	80.010974
Type 3S2_str	BOBJ1	533.55	After	Interior Girder 1	308.55	0.95	1	1	52.000533
Type 3S2_str	BOBJ1	533.55	After	Interior Girder 2	308.55	0.95	1	1	52.000533
Type 3S2_str	BOBJ1	533.55	After	Right Exterior Girder	308.55	0.95	1	1	80.010972
Type 3S2_str	BOBJ1	545	Before	Left Exterior Girder	320	0.95	1	1	78.067765
Type 3S2_str	BOBJ1	545	Before	Interior Girder 1	320	0.95	1	1	48.641347
Type 3S2_str	BOBJ1	545	Before	Interior Girder 2	320	0.95	1	1	48.641347
Type 3S2_str	BOBJ1	545	Before	Right Exterior Girder	320	0.95	1	1	78.067764
Type 3S2_str	BOBJ1	545	After	Left Exterior Girder	0	0.95	1	1	83.273465
Type 3S2_str	BOBJ1	545	After	Interior Girder 1	0	0.95	1	1	52.162325
Type 3S2_str	BOBJ1	545	After	Interior Girder 2	0	0.95	1	1	52.162325
Type 3S2_str	BOBJ1	545	After	Right Exterior Girder	0	0.95	1	1	83.273464
Type 3S2_str	BOBJ1	556.25	Before	Left Exterior Girder	11.25	0.95	1	1	83.788869
Type 3S2_str	BOBJ1	556.25	Before	Interior Girder 1	11.25	0.95	1	1	52.504174
Type 3S2_str	BOBJ1	556.25	Before	Interior Girder 2	11.25	0.95	1	1	52.504174
Type 3S2_str	BOBJ1	556.25	Before	Right Exterior Girder	11.25	0.95	1	1	83.788868
Type 3S2_str	BOBJ1	556.25	After	Left Exterior Girder	11.25	0.95	1	1	83.858225
Type 3S2_str	BOBJ1	556.25	After	Interior Girder 1	11.25	0.95	1	1	54.018911
Type 3S2_str	BOBJ1	556.25	After	Interior Girder 2	11.25	0.95	1	1	54.018912
Type 3S2_str	BOBJ1	556.25	After	Right Exterior Girder	11.25	0.95	1	1	83.858224
Type 3S2_str	BOBJ1	559.4358	Before	Left Exterior Girder	14.4358	0.95	1	1	84.004182
Type 3S2_str	BOBJ1	559.4358	Before	Interior Girder 1	14.4358	0.95	1	1	54.118412
Type 3S2_str	BOBJ1	559.4358	Before	Interior Girder 2	14.4358	0.95	1	1	54.118412
Type 3S2_str	BOBJ1	559.4358	Before	Right Exterior Girder	14.4358	0.95	1	1	84.004181
Type 3S2_str	BOBJ1	559.4358	After	Left Exterior Girder	14.4358	0.95	1	1	69.290341
Type 3S2_str	BOBJ1	559.4358	After	Interior Girder 1	14.4358	0.95	1	1	46.994713
Type 3S2_str	BOBJ1	559.4358	After	Interior Girder 2	14.4358	0.95	1	1	46.994713
Type 3S2_str	BOBJ1	559.4358	After	Right Exterior Girder	14.4358	0.95	1	1	69.29034
Type 3S2_str	BOBJ1	567.5	Before	Left Exterior Girder	22.5	0.95	1	1	69.619297
Type 3S2_str	BOBJ1	567.5	Before	Interior Girder 1	22.5	0.95	1	1	47.232883
Type 3S2_str	BOBJ1	567.5	Before	Interior Girder 2	22.5	0.95	1	1	47.232883
Type 3S2_str	BOBJ1	567.5	Before	Right Exterior Girder	22.5	0.95	1	1	69.619296
Type 3S2_str	BOBJ1	567.5	After	Left Exterior Girder	22.5	0.95	1	1	69.221676
Type 3S2_str	BOBJ1	567.5	After	Interior Girder 1	22.5	0.95	1	1	46.909949
Type 3S2_str	BOBJ1	567.5	After	Interior Girder 2	22.5	0.95	1	1	46.909949
Type 3S2_str	BOBJ1	567.5	After	Right Exterior Girder	22.5	0.95	1	1	69.221675
Type 3S2_str	BOBJ1	570.0586	Before	Left Exterior Girder	25.0586	0.95	1	1	69.325346
Type 3S2_str	BOBJ1	570.0586	Before	Interior Girder 1	25.0586	0.95	1	1	46.984862
Type 3S2_str	BOBJ1	570.0586	Before	Interior Girder 2	25.0586	0.95	1	1	46.984863
Type 3S2_str	BOBJ1	570.0586	Before	Right Exterior Girder	25.0586	0.95	1	1	69.325345
Type 3S2_str	BOBJ1	570.0586	After	Left Exterior Girder	25.0586	0.95	1	1	54.436042
Type 3S2_str	BOBJ1	570.0586	After	Interior Girder 1	25.0586	0.95	1	1	39.099394
Type 3S2_str	BOBJ1	570.0586	After	Interior Girder 2	25.0586	0.95	1	1	39.099394
Type 3S2_str	BOBJ1	570.0586	After	Right Exterior Girder	25.0586	0.95	1	1	54.436041
Type 3S2_str	BOBJ1	578.75	Before	Left Exterior Girder	33.75	0.95	1	1	54.745414
Type 3S2_str	BOBJ1	578.75	Before	Interior Girder 1	33.75	0.95	1	1	39.339264
Type 3S2_str	BOBJ1	578.75	Before	Interior Girder 2	33.75	0.95	1	1	39.339264
Type 3S2_str	BOBJ1	578.75	Before	Right Exterior Girder	33.75	0.95	1	1	54.745413
Type 3S2_str	BOBJ1	578.75	After	Left Exterior Girder	33.75	0.95	1	1	56.419228
Type 3S2_str	BOBJ1	578.75	After	Interior Girder 1	33.75	0.95	1	1	42.927171
Type 3S2_str	BOBJ1	578.75	After	Interior Girder 2	33.75	0.95	1	1	42.927171
Type 3S2_str	BOBJ1	578.75	After	Right Exterior Girder	33.75	0.95	1	1	56.419228
Type 3S2_str	BOBJ1	586.8142	Before	Left Exterior Girder	41.8142	0.95	1	1	56.714493
Type 3S2_str	BOBJ1	586.8142	Before	Interior Girder 1	41.8142	0.95	1	1	43.169619
Type 3S2_str	BOBJ1	586.8142	Before	Interior Girder 2	41.8142	0.95	1	1	43.16962
Type 3S2_str	BOBJ1	586.8142	Before	Right Exterior Girder	41.8142	0.95	1	1	56.714492
Type 3S2_str	BOBJ1	586.8142	After	Left Exterior Girder	41.8142	0.95	1	1	35.576501
Type 3S2_str	BOBJ1	586.8142	After	Interior Girder 1	41.8142	0.95	1	1	27.664924
Type 3S2_str	BOBJ1	586.8142	After	Interior Girder 2	41.8142	0.95	1	1	27.664925
Type 3S2_str	BOBJ1	586.8142	After	Right Exterior Girder	41.8142	0.95	1	1	35.5765
Type 3S2_str	BOBJ1	590	Before	Left Exterior Girder	45	0.95	1	1	35.668426
Type 3S2_str	BOBJ1	590	Before	Interior Girder 1	45	0.95	1	1	27.743453
Type 3S2_str	BOBJ1	590	Before	Interior Girder 2	45	0.95	1	1	27.743453
Type 3S2_str	BOBJ1	590	Before	Right Exterior Girder	45	0.95	1	1	35.668426

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Main Span Girders									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Type 3S2_str	BOBJ1	590	After	Left Exterior Girder	45	0.95	1	1	38.271026
Type 3S2_str	BOBJ1	590	After	Interior Girder 1	45	0.95	1	1	30.020526
Type 3S2_str	BOBJ1	590	After	Interior Girder 2	45	0.95	1	1	30.020526
Type 3S2_str	BOBJ1	590	After	Right Exterior Girder	45	0.95	1	1	38.271026
Type 3S2_str	BOBJ1	601.25	Before	Left Exterior Girder	56.25	0.95	1	1	38.617734
Type 3S2_str	BOBJ1	601.25	Before	Interior Girder 1	56.25	0.95	1	1	30.319838
Type 3S2_str	BOBJ1	601.25	Before	Interior Girder 2	56.25	0.95	1	1	30.319838
Type 3S2_str	BOBJ1	601.25	Before	Right Exterior Girder	56.25	0.95	1	1	38.617734
Type 3S2_str	BOBJ1	601.25	After	Left Exterior Girder	56.25	0.95	1	1	36.669104
Type 3S2_str	BOBJ1	601.25	After	Interior Girder 1	56.25	0.95	1	1	32.099887
Type 3S2_str	BOBJ1	601.25	After	Interior Girder 2	56.25	0.95	1	1	32.099887
Type 3S2_str	BOBJ1	601.25	After	Right Exterior Girder	56.25	0.95	1	1	36.669104
Type 3S2_str	BOBJ1	601.7478	Before	Left Exterior Girder	56.7478	0.95	1	1	36.683734
Type 3S2_str	BOBJ1	601.7478	Before	Interior Girder 1	56.7478	0.95	1	1	32.113796
Type 3S2_str	BOBJ1	601.7478	Before	Interior Girder 2	56.7478	0.95	1	1	32.113796
Type 3S2_str	BOBJ1	601.7478	Before	Right Exterior Girder	56.7478	0.95	1	1	36.683734
Type 3S2_str	BOBJ1	601.7478	After	Left Exterior Girder	56.7478	0.95	1	1	26.332027
Type 3S2_str	BOBJ1	601.7478	After	Interior Girder 1	56.7478	0.95	1	1	22.128653
Type 3S2_str	BOBJ1	601.7478	After	Interior Girder 2	56.7478	0.95	1	1	22.128653
Type 3S2_str	BOBJ1	601.7478	After	Right Exterior Girder	56.7478	0.95	1	1	26.332026
Type 3S2_str	BOBJ1	612.5	Before	Left Exterior Girder	67.5	0.95	1	1	26.615224
Type 3S2_str	BOBJ1	612.5	Before	Interior Girder 1	67.5	0.95	1	1	22.39595
Type 3S2_str	BOBJ1	612.5	Before	Interior Girder 2	67.5	0.95	1	1	22.39595
Type 3S2_str	BOBJ1	612.5	Before	Right Exterior Girder	67.5	0.95	1	1	26.615224
Type 3S2_str	BOBJ1	612.5	After	Left Exterior Girder	67.5	0.95	1	1	28.897727
Type 3S2_str	BOBJ1	612.5	After	Interior Girder 1	67.5	0.95	1	1	23.056006
Type 3S2_str	BOBJ1	612.5	After	Interior Girder 2	67.5	0.95	1	1	23.056005
Type 3S2_str	BOBJ1	612.5	After	Right Exterior Girder	67.5	0.95	1	1	28.897727
Type 3S2_str	BOBJ1	623.75	Before	Left Exterior Girder	78.75	0.95	1	1	29.216948
Type 3S2_str	BOBJ1	623.75	Before	Interior Girder 1	78.75	0.95	1	1	23.34206
Type 3S2_str	BOBJ1	623.75	Before	Interior Girder 2	78.75	0.95	1	1	23.34206
Type 3S2_str	BOBJ1	623.75	Before	Right Exterior Girder	78.75	0.95	1	1	29.216949
Type 3S2_str	BOBJ1	623.75	After	Left Exterior Girder	78.75	0.95	1	1	31.62634
Type 3S2_str	BOBJ1	623.75	After	Interior Girder 1	78.75	0.95	1	1	26.472194
Type 3S2_str	BOBJ1	623.75	After	Interior Girder 2	78.75	0.95	1	1	26.472193
Type 3S2_str	BOBJ1	623.75	After	Right Exterior Girder	78.75	0.95	1	1	31.626341
Type 3S2_str	BOBJ1	635	Before	Left Exterior Girder	90	0.95	1	1	31.969845
Type 3S2_str	BOBJ1	635	Before	Interior Girder 1	90	0.95	1	1	26.795065
Type 3S2_str	BOBJ1	635	Before	Interior Girder 2	90	0.95	1	1	26.795064
Type 3S2_str	BOBJ1	635	Before	Right Exterior Girder	90	0.95	1	1	31.969846
Type 3S2_str	BOBJ1	635	After	Left Exterior Girder	90	0.95	1	1	34.895964
Type 3S2_str	BOBJ1	635	After	Interior Girder 1	90	0.95	1	1	25.847998
Type 3S2_str	BOBJ1	635	After	Interior Girder 2	90	0.95	1	1	25.847997
Type 3S2_str	BOBJ1	635	After	Right Exterior Girder	90	0.95	1	1	34.895965
Type 3S2_str	BOBJ1	643.5619	Before	Left Exterior Girder	98.5619	0.95	1	1	35.1793
Type 3S2_str	BOBJ1	643.5619	Before	Interior Girder 1	98.5619	0.95	1	1	26.083742
Type 3S2_str	BOBJ1	643.5619	Before	Interior Girder 2	98.5619	0.95	1	1	26.08374
Type 3S2_str	BOBJ1	643.5619	Before	Right Exterior Girder	98.5619	0.95	1	1	35.179302
Type 3S2_str	BOBJ1	643.5619	After	Left Exterior Girder	98.5619	0.95	1	1	58.864182
Type 3S2_str	BOBJ1	643.5619	After	Interior Girder 1	98.5619	0.95	1	1	43.576361
Type 3S2_str	BOBJ1	643.5619	After	Interior Girder 2	98.5619	0.95	1	1	43.576359
Type 3S2_str	BOBJ1	643.5619	After	Right Exterior Girder	98.5619	0.95	1	1	58.864183
Type 3S2_str	BOBJ1	646.25	Before	Left Exterior Girder	101.25	0.95	1	1	58.976369
Type 3S2_str	BOBJ1	646.25	Before	Interior Girder 1	101.25	0.95	1	1	43.667549
Type 3S2_str	BOBJ1	646.25	Before	Interior Girder 2	101.25	0.95	1	1	43.667547
Type 3S2_str	BOBJ1	646.25	Before	Right Exterior Girder	101.25	0.95	1	1	58.976371
Type 3S2_str	BOBJ1	646.25	After	Left Exterior Girder	101.25	0.95	1	1	65.996679
Type 3S2_str	BOBJ1	646.25	After	Interior Girder 1	101.25	0.95	1	1	50.902789
Type 3S2_str	BOBJ1	646.25	After	Interior Girder 2	101.25	0.95	1	1	50.902787
Type 3S2_str	BOBJ1	646.25	After	Right Exterior Girder	101.25	0.95	1	1	65.99668
Type 3S2_str	BOBJ1	657.5	Before	Left Exterior Girder	112.5	0.95	1	1	66.520645
Type 3S2_str	BOBJ1	657.5	Before	Interior Girder 1	112.5	0.95	1	1	51.347197
Type 3S2_str	BOBJ1	657.5	Before	Interior Girder 2	112.5	0.95	1	1	51.347195
Type 3S2_str	BOBJ1	657.5	Before	Right Exterior Girder	112.5	0.95	1	1	66.520646
Type 3S2_str	BOBJ1	657.5	After	Left Exterior Girder	112.5	0.95	1	1	76.582649
Type 3S2_str	BOBJ1	657.5	After	Interior Girder 1	112.5	0.95	1	1	50.858152
Type 3S2_str	BOBJ1	657.5	After	Interior Girder 2	112.5	0.95	1	1	50.858159
Type 3S2_str	BOBJ1	657.5	After	Right Exterior Girder	112.5	0.95	1	1	76.582643

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Main Span Girders									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Type 3S2_str	BOBJ1	668.75	Before	Left Exterior Girder	123.75	0.95	1	1	77.183007
Type 3S2_str	BOBJ1	668.75	Before	Interior Girder 1	123.75	0.95	1	1	51.296783
Type 3S2_str	BOBJ1	668.75	Before	Interior Girder 2	123.75	0.95	1	1	51.29679
Type 3S2_str	BOBJ1	668.75	Before	Right Exterior Girder	123.75	0.95	1	1	77.183001
Type 3S2_str	BOBJ1	668.75	After	Left Exterior Girder	123.75	0.95	1	1	88.981601
Type 3S2_str	BOBJ1	668.75	After	Interior Girder 1	123.75	0.95	1	1	59.462311
Type 3S2_str	BOBJ1	668.75	After	Interior Girder 2	123.75	0.95	1	1	59.46232
Type 3S2_str	BOBJ1	668.75	After	Right Exterior Girder	123.75	0.95	1	1	88.981591
Type 3S2_str	BOBJ1	680	Before	Left Exterior Girder	135	0.95	1	1	89.671372
Type 3S2_str	BOBJ1	680	Before	Interior Girder 1	135	0.95	1	1	59.969388
Type 3S2_str	BOBJ1	680	Before	Interior Girder 2	135	0.95	1	1	59.969397
Type 3S2_str	BOBJ1	680	Before	Right Exterior Girder	135	0.95	1	1	89.671362
Type 3S2_str	BOBJ1	680	After	Left Exterior Girder	135	0.95	1	1	101.090237
Type 3S2_str	BOBJ1	680	After	Interior Girder 1	135	0.95	1	1	59.554107
Type 3S2_str	BOBJ1	680	After	Interior Girder 2	135	0.95	1	1	59.554104
Type 3S2_str	BOBJ1	680	After	Right Exterior Girder	135	0.95	1	1	101.090244
Type 3S2_str	BOBJ1	691.25	Before	Left Exterior Girder	146.25	0.95	1	1	100.340067
Type 3S2_str	BOBJ1	691.25	Before	Interior Girder 1	146.25	0.95	1	1	60.055971
Type 3S2_str	BOBJ1	691.25	Before	Interior Girder 2	146.25	0.95	1	1	60.055968
Type 3S2_str	BOBJ1	691.25	Before	Right Exterior Girder	146.25	0.95	1	1	100.340075
Type 3S2_str	BOBJ1	691.25	After	Left Exterior Girder	146.25	0.95	1	1	87.003198
Type 3S2_str	BOBJ1	691.25	After	Interior Girder 1	146.25	0.95	1	1	57.036268
Type 3S2_str	BOBJ1	691.25	After	Interior Girder 2	146.25	0.95	1	1	57.036271
Type 3S2_str	BOBJ1	691.25	After	Right Exterior Girder	146.25	0.95	1	1	87.003198
Type 3S2_str	BOBJ1	702.5	Before	Left Exterior Girder	157.5	0.95	1	1	86.350586
Type 3S2_str	BOBJ1	702.5	Before	Interior Girder 1	157.5	0.95	1	1	56.56549
Type 3S2_str	BOBJ1	702.5	Before	Interior Girder 2	157.5	0.95	1	1	56.565493
Type 3S2_str	BOBJ1	702.5	Before	Right Exterior Girder	157.5	0.95	1	1	86.350586
Type 3S2_str	BOBJ1	702.5	After	Left Exterior Girder	157.5	0.95	1	1	74.182272
Type 3S2_str	BOBJ1	702.5	After	Interior Girder 1	157.5	0.95	1	1	57.26937
Type 3S2_str	BOBJ1	702.5	After	Interior Girder 2	157.5	0.95	1	1	57.269372
Type 3S2_str	BOBJ1	702.5	After	Right Exterior Girder	157.5	0.95	1	1	74.182267
Type 3S2_str	BOBJ1	713.75	Before	Left Exterior Girder	168.75	0.95	1	1	73.61901
Type 3S2_str	BOBJ1	713.75	Before	Interior Girder 1	168.75	0.95	1	1	56.791145
Type 3S2_str	BOBJ1	713.75	Before	Interior Girder 2	168.75	0.95	1	1	56.791148
Type 3S2_str	BOBJ1	713.75	Before	Right Exterior Girder	168.75	0.95	1	1	73.619005
Type 3S2_str	BOBJ1	713.75	After	Left Exterior Girder	168.75	0.95	1	1	65.524104
Type 3S2_str	BOBJ1	713.75	After	Interior Girder 1	168.75	0.95	1	1	49.240521
Type 3S2_str	BOBJ1	713.75	After	Interior Girder 2	168.75	0.95	1	1	49.240522
Type 3S2_str	BOBJ1	713.75	After	Right Exterior Girder	168.75	0.95	1	1	65.524102
Type 3S2_str	BOBJ1	725	Before	Left Exterior Girder	180	0.95	1	1	65.021077
Type 3S2_str	BOBJ1	725	Before	Interior Girder 1	180	0.95	1	1	48.824772
Type 3S2_str	BOBJ1	725	Before	Interior Girder 2	180	0.95	1	1	48.824773
Type 3S2_str	BOBJ1	725	Before	Right Exterior Girder	180	0.95	1	1	65.021076
Type 3S2_str	BOBJ1	725	After	Left Exterior Girder	180	0.95	1	1	57.163497
Type 3S2_str	BOBJ1	725	After	Interior Girder 1	180	0.95	1	1	47.757817
Type 3S2_str	BOBJ1	725	After	Interior Girder 2	180	0.95	1	1	47.757815
Type 3S2_str	BOBJ1	725	After	Right Exterior Girder	180	0.95	1	1	57.163502
Type 3S2_str	BOBJ1	731.1726	Before	Left Exterior Girder	186.1726	0.95	1	1	56.919876
Type 3S2_str	BOBJ1	731.1726	Before	Interior Girder 1	186.1726	0.95	1	1	47.534113
Type 3S2_str	BOBJ1	731.1726	Before	Interior Girder 2	186.1726	0.95	1	1	47.534111
Type 3S2_str	BOBJ1	731.1726	Before	Right Exterior Girder	186.1726	0.95	1	1	56.919881
Type 3S2_str	BOBJ1	731.1726	After	Left Exterior Girder	186.1726	0.95	1	1	32.997497
Type 3S2_str	BOBJ1	731.1726	After	Interior Girder 1	186.1726	0.95	1	1	26.999557
Type 3S2_str	BOBJ1	731.1726	After	Interior Girder 2	186.1726	0.95	1	1	26.999556
Type 3S2_str	BOBJ1	731.1726	After	Right Exterior Girder	186.1726	0.95	1	1	32.997499
Type 3S2_str	BOBJ1	736.25	Before	Left Exterior Girder	191.25	0.95	1	1	32.845362
Type 3S2_str	BOBJ1	736.25	Before	Interior Girder 1	191.25	0.95	1	1	26.859864
Type 3S2_str	BOBJ1	736.25	Before	Interior Girder 2	191.25	0.95	1	1	26.859863
Type 3S2_str	BOBJ1	736.25	Before	Right Exterior Girder	191.25	0.95	1	1	32.845364
Type 3S2_str	BOBJ1	736.25	After	Left Exterior Girder	191.25	0.95	1	1	31.700233
Type 3S2_str	BOBJ1	736.25	After	Interior Girder 1	191.25	0.95	1	1	25.286211
Type 3S2_str	BOBJ1	736.25	After	Interior Girder 2	191.25	0.95	1	1	25.28621
Type 3S2_str	BOBJ1	736.25	After	Right Exterior Girder	191.25	0.95	1	1	31.700234
Type 3S2_str	BOBJ1	747.5	Before	Left Exterior Girder	202.5	0.95	1	1	31.373712
Type 3S2_str	BOBJ1	747.5	Before	Interior Girder 1	202.5	0.95	1	1	24.993789
Type 3S2_str	BOBJ1	747.5	Before	Interior Girder 2	202.5	0.95	1	1	24.993789
Type 3S2_str	BOBJ1	747.5	Before	Right Exterior Girder	202.5	0.95	1	1	31.373713

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Main Span Girders									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Type 3S2_str	BOBJ1	747.5	After	Left Exterior Girder	202.5	0.95	1	1	28.173953
Type 3S2_str	BOBJ1	747.5	After	Interior Girder 1	202.5	0.95	1	1	22.976643
Type 3S2_str	BOBJ1	747.5	After	Interior Girder 2	202.5	0.95	1	1	22.976642
Type 3S2_str	BOBJ1	747.5	After	Right Exterior Girder	202.5	0.95	1	1	28.173953
Type 3S2_str	BOBJ1	758.75	Before	Left Exterior Girder	213.75	0.95	1	1	27.878332
Type 3S2_str	BOBJ1	758.75	Before	Interior Girder 1	213.75	0.95	1	1	22.706327
Type 3S2_str	BOBJ1	758.75	Before	Interior Girder 2	213.75	0.95	1	1	22.706326
Type 3S2_str	BOBJ1	758.75	Before	Right Exterior Girder	213.75	0.95	1	1	27.878332
Type 3S2_str	BOBJ1	758.75	After	Left Exterior Girder	213.75	0.95	1	1	25.843775
Type 3S2_str	BOBJ1	758.75	After	Interior Girder 1	213.75	0.95	1	1	18.789793
Type 3S2_str	BOBJ1	758.75	After	Interior Girder 2	213.75	0.95	1	1	18.789791
Type 3S2_str	BOBJ1	758.75	After	Right Exterior Girder	213.75	0.95	1	1	25.843776
Type 3S2_str	BOBJ1	770	Before	Left Exterior Girder	225	0.95	1	1	25.568147
Type 3S2_str	BOBJ1	770	Before	Interior Girder 1	225	0.95	1	1	18.565053
Type 3S2_str	BOBJ1	770	Before	Interior Girder 2	225	0.95	1	1	18.565051
Type 3S2_str	BOBJ1	770	Before	Right Exterior Girder	225	0.95	1	1	25.568148
Type 3-3_str	BOBJ1	0	After	Left Exterior Girder	0	0.95	1	1	23.819164
Type 3-3_str	BOBJ1	0	After	Interior Girder 1	0	0.95	1	1	17.973393
Type 3-3_str	BOBJ1	0	After	Interior Girder 2	0	0.95	1	1	17.973394
Type 3-3_str	BOBJ1	0	After	Right Exterior Girder	0	0.95	1	1	23.819163
Type 3-3_str	BOBJ1	11.25	Before	Left Exterior Girder	11.25	0.95	1	1	24.075938
Type 3-3_str	BOBJ1	11.25	Before	Interior Girder 1	11.25	0.95	1	1	18.19097
Type 3-3_str	BOBJ1	11.25	Before	Interior Girder 2	11.25	0.95	1	1	18.190972
Type 3-3_str	BOBJ1	11.25	Before	Right Exterior Girder	11.25	0.95	1	1	24.075937
Type 3-3_str	BOBJ1	11.25	After	Left Exterior Girder	11.25	0.95	1	1	25.987865
Type 3-3_str	BOBJ1	11.25	After	Interior Girder 1	11.25	0.95	1	1	21.977581
Type 3-3_str	BOBJ1	11.25	After	Interior Girder 2	11.25	0.95	1	1	21.977583
Type 3-3_str	BOBJ1	11.25	After	Right Exterior Girder	11.25	0.95	1	1	25.987864
Type 3-3_str	BOBJ1	22.5	Before	Left Exterior Girder	22.5	0.95	1	1	26.26344
Type 3-3_str	BOBJ1	22.5	Before	Interior Girder 1	22.5	0.95	1	1	22.239221
Type 3-3_str	BOBJ1	22.5	Before	Interior Girder 2	22.5	0.95	1	1	22.239223
Type 3-3_str	BOBJ1	22.5	Before	Right Exterior Girder	22.5	0.95	1	1	26.263438
Type 3-3_str	BOBJ1	22.5	After	Left Exterior Girder	22.5	0.95	1	1	29.347454
Type 3-3_str	BOBJ1	22.5	After	Interior Girder 1	22.5	0.95	1	1	24.23123
Type 3-3_str	BOBJ1	22.5	After	Interior Girder 2	22.5	0.95	1	1	24.231228
Type 3-3_str	BOBJ1	22.5	After	Right Exterior Girder	22.5	0.95	1	1	29.347455
Type 3-3_str	BOBJ1	33.75	Before	Left Exterior Girder	33.75	0.95	1	1	29.652887
Type 3-3_str	BOBJ1	33.75	Before	Interior Girder 1	33.75	0.95	1	1	24.51473
Type 3-3_str	BOBJ1	33.75	Before	Interior Girder 2	33.75	0.95	1	1	24.514728
Type 3-3_str	BOBJ1	33.75	Before	Right Exterior Girder	33.75	0.95	1	1	29.652887
Type 3-3_str	BOBJ1	33.75	After	Left Exterior Girder	33.75	0.95	1	1	30.801574
Type 3-3_str	BOBJ1	33.75	After	Interior Girder 1	33.75	0.95	1	1	25.994101
Type 3-3_str	BOBJ1	33.75	After	Interior Girder 2	33.75	0.95	1	1	25.994099
Type 3-3_str	BOBJ1	33.75	After	Right Exterior Girder	33.75	0.95	1	1	30.801575
Type 3-3_str	BOBJ1	38.8274	Before	Left Exterior Girder	38.8274	0.95	1	1	30.944242
Type 3-3_str	BOBJ1	38.8274	Before	Interior Girder 1	38.8274	0.95	1	1	26.129292
Type 3-3_str	BOBJ1	38.8274	Before	Interior Girder 2	38.8274	0.95	1	1	26.12929
Type 3-3_str	BOBJ1	38.8274	Before	Right Exterior Girder	38.8274	0.95	1	1	30.944243
Type 3-3_str	BOBJ1	38.8274	After	Left Exterior Girder	38.8274	0.95	1	1	53.482417
Type 3-3_str	BOBJ1	38.8274	After	Interior Girder 1	38.8274	0.95	1	1	46.104112
Type 3-3_str	BOBJ1	38.8274	After	Interior Girder 2	38.8274	0.95	1	1	46.104109
Type 3-3_str	BOBJ1	38.8274	After	Right Exterior Girder	38.8274	0.95	1	1	53.48242
Type 3-3_str	BOBJ1	45	Before	Left Exterior Girder	45	0.95	1	1	53.711326
Type 3-3_str	BOBJ1	45	Before	Interior Girder 1	45	0.95	1	1	46.321086
Type 3-3_str	BOBJ1	45	Before	Interior Girder 2	45	0.95	1	1	46.321083
Type 3-3_str	BOBJ1	45	Before	Right Exterior Girder	45	0.95	1	1	53.711328
Type 3-3_str	BOBJ1	45	After	Left Exterior Girder	45	0.95	1	1	61.26196
Type 3-3_str	BOBJ1	45	After	Interior Girder 1	45	0.95	1	1	47.55352
Type 3-3_str	BOBJ1	45	After	Interior Girder 2	45	0.95	1	1	47.553515
Type 3-3_str	BOBJ1	45	After	Right Exterior Girder	45	0.95	1	1	61.261962
Type 3-3_str	BOBJ1	56.25	Before	Left Exterior Girder	56.25	0.95	1	1	61.735905
Type 3-3_str	BOBJ1	56.25	Before	Interior Girder 1	56.25	0.95	1	1	47.958445
Type 3-3_str	BOBJ1	56.25	Before	Interior Girder 2	56.25	0.95	1	1	47.958439
Type 3-3_str	BOBJ1	56.25	Before	Right Exterior Girder	56.25	0.95	1	1	61.735907
Type 3-3_str	BOBJ1	56.25	After	Left Exterior Girder	56.25	0.95	1	1	69.722413
Type 3-3_str	BOBJ1	56.25	After	Interior Girder 1	56.25	0.95	1	1	55.465191
Type 3-3_str	BOBJ1	56.25	After	Interior Girder 2	56.25	0.95	1	1	55.465185
Type 3-3_str	BOBJ1	56.25	After	Right Exterior Girder	56.25	0.95	1	1	69.722415

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Main Span Girders									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Type 3-3_str	BOBJ1	67.5	Before	Left Exterior Girder	67.5	0.95	1	1	70.255862
Type 3-3_str	BOBJ1	67.5	Before	Interior Girder 1	67.5	0.95	1	1	55.93225
Type 3-3_str	BOBJ1	67.5	Before	Interior Girder 2	67.5	0.95	1	1	55.932244
Type 3-3_str	BOBJ1	67.5	Before	Right Exterior Girder	67.5	0.95	1	1	70.255864
Type 3-3_str	BOBJ1	67.5	After	Left Exterior Girder	67.5	0.95	1	1	82.06346
Type 3-3_str	BOBJ1	67.5	After	Interior Girder 1	67.5	0.95	1	1	55.555116
Type 3-3_str	BOBJ1	67.5	After	Interior Girder 2	67.5	0.95	1	1	55.555121
Type 3-3_str	BOBJ1	67.5	After	Right Exterior Girder	67.5	0.95	1	1	82.063442
Type 3-3_str	BOBJ1	78.75	Before	Left Exterior Girder	78.75	0.95	1	1	82.683671
Type 3-3_str	BOBJ1	78.75	Before	Interior Girder 1	78.75	0.95	1	1	56.017485
Type 3-3_str	BOBJ1	78.75	Before	Interior Girder 2	78.75	0.95	1	1	56.017489
Type 3-3_str	BOBJ1	78.75	Before	Right Exterior Girder	78.75	0.95	1	1	82.683653
Type 3-3_str	BOBJ1	78.75	After	Left Exterior Girder	78.75	0.95	1	1	95.988886
Type 3-3_str	BOBJ1	78.75	After	Interior Girder 1	78.75	0.95	1	1	59.957786
Type 3-3_str	BOBJ1	78.75	After	Interior Girder 2	78.75	0.95	1	1	59.957781
Type 3-3_str	BOBJ1	78.75	After	Right Exterior Girder	78.75	0.95	1	1	95.988862
Type 3-3_str	BOBJ1	90	Before	Left Exterior Girder	90	0.95	1	1	96.706525
Type 3-3_str	BOBJ1	90	Before	Interior Girder 1	90	0.95	1	1	59.456743
Type 3-3_str	BOBJ1	90	Before	Interior Girder 2	90	0.95	1	1	59.456737
Type 3-3_str	BOBJ1	90	Before	Right Exterior Girder	90	0.95	1	1	96.706501
Type 3-3_str	BOBJ1	90	After	Left Exterior Girder	90	0.95	1	1	86.625869
Type 3-3_str	BOBJ1	90	After	Interior Girder 1	90	0.95	1	1	59.187486
Type 3-3_str	BOBJ1	90	After	Interior Girder 2	90	0.95	1	1	59.187473
Type 3-3_str	BOBJ1	90	After	Right Exterior Girder	90	0.95	1	1	86.625878
Type 3-3_str	BOBJ1	101.25	Before	Left Exterior Girder	101.25	0.95	1	1	85.959525
Type 3-3_str	BOBJ1	101.25	Before	Interior Girder 1	101.25	0.95	1	1	58.68702
Type 3-3_str	BOBJ1	101.25	Before	Interior Girder 2	101.25	0.95	1	1	58.687007
Type 3-3_str	BOBJ1	101.25	Before	Right Exterior Girder	101.25	0.95	1	1	85.959534
Type 3-3_str	BOBJ1	101.25	After	Left Exterior Girder	101.25	0.95	1	1	73.636711
Type 3-3_str	BOBJ1	101.25	After	Interior Girder 1	101.25	0.95	1	1	50.262499
Type 3-3_str	BOBJ1	101.25	After	Interior Girder 2	101.25	0.95	1	1	50.26249
Type 3-3_str	BOBJ1	101.25	After	Right Exterior Girder	101.25	0.95	1	1	73.636716
Type 3-3_str	BOBJ1	112.5	Before	Left Exterior Girder	112.5	0.95	1	1	73.063938
Type 3-3_str	BOBJ1	112.5	Before	Interior Girder 1	112.5	0.95	1	1	49.832712
Type 3-3_str	BOBJ1	112.5	Before	Interior Girder 2	112.5	0.95	1	1	49.832703
Type 3-3_str	BOBJ1	112.5	Before	Right Exterior Girder	112.5	0.95	1	1	73.063942
Type 3-3_str	BOBJ1	112.5	After	Left Exterior Girder	112.5	0.95	1	1	62.976232
Type 3-3_str	BOBJ1	112.5	After	Interior Girder 1	112.5	0.95	1	1	49.957317
Type 3-3_str	BOBJ1	112.5	After	Interior Girder 2	112.5	0.95	1	1	49.957318
Type 3-3_str	BOBJ1	112.5	After	Right Exterior Girder	112.5	0.95	1	1	62.97623
Type 3-3_str	BOBJ1	123.75	Before	Left Exterior Girder	123.75	0.95	1	1	62.480185
Type 3-3_str	BOBJ1	123.75	Before	Interior Girder 1	123.75	0.95	1	1	49.524938
Type 3-3_str	BOBJ1	123.75	Before	Interior Girder 2	123.75	0.95	1	1	49.524939
Type 3-3_str	BOBJ1	123.75	Before	Right Exterior Girder	123.75	0.95	1	1	62.480183
Type 3-3_str	BOBJ1	123.75	After	Left Exterior Girder	123.75	0.95	1	1	55.390729
Type 3-3_str	BOBJ1	123.75	After	Interior Girder 1	123.75	0.95	1	1	42.322501
Type 3-3_str	BOBJ1	123.75	After	Interior Girder 2	123.75	0.95	1	1	42.322504
Type 3-3_str	BOBJ1	123.75	After	Right Exterior Girder	123.75	0.95	1	1	55.390726
Type 3-3_str	BOBJ1	126.4381	Before	Left Exterior Girder	126.4381	0.95	1	1	55.285362
Type 3-3_str	BOBJ1	126.4381	Before	Interior Girder 1	126.4381	0.95	1	1	42.234122
Type 3-3_str	BOBJ1	126.4381	Before	Interior Girder 2	126.4381	0.95	1	1	42.234124
Type 3-3_str	BOBJ1	126.4381	Before	Right Exterior Girder	126.4381	0.95	1	1	55.28536
Type 3-3_str	BOBJ1	126.4381	After	Left Exterior Girder	126.4381	0.95	1	1	32.988774
Type 3-3_str	BOBJ1	126.4381	After	Interior Girder 1	126.4381	0.95	1	1	25.272031
Type 3-3_str	BOBJ1	126.4381	After	Interior Girder 2	126.4381	0.95	1	1	25.272033
Type 3-3_str	BOBJ1	126.4381	After	Right Exterior Girder	126.4381	0.95	1	1	32.988772
Type 3-3_str	BOBJ1	135	Before	Left Exterior Girder	135	0.95	1	1	32.72308
Type 3-3_str	BOBJ1	135	Before	Interior Girder 1	135	0.95	1	1	25.043624
Type 3-3_str	BOBJ1	135	Before	Interior Girder 2	135	0.95	1	1	25.043625
Type 3-3_str	BOBJ1	135	Before	Right Exterior Girder	135	0.95	1	1	32.723078
Type 3-3_str	BOBJ1	135	After	Left Exterior Girder	135	0.95	1	1	29.889414
Type 3-3_str	BOBJ1	135	After	Interior Girder 1	135	0.95	1	1	25.818128
Type 3-3_str	BOBJ1	135	After	Interior Girder 2	135	0.95	1	1	25.81813
Type 3-3_str	BOBJ1	135	After	Right Exterior Girder	135	0.95	1	1	29.889413
Type 3-3_str	BOBJ1	146.25	Before	Left Exterior Girder	146.25	0.95	1	1	29.568263
Type 3-3_str	BOBJ1	146.25	Before	Interior Girder 1	146.25	0.95	1	1	25.507029
Type 3-3_str	BOBJ1	146.25	Before	Interior Girder 2	146.25	0.95	1	1	25.507031
Type 3-3_str	BOBJ1	146.25	Before	Right Exterior Girder	146.25	0.95	1	1	29.568261

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Main Span Girders									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Type 3-3_str	BOBJ1	146.25	After	Left Exterior Girder	146.25	0.95	1	1	27.177216
Type 3-3_str	BOBJ1	146.25	After	Interior Girder 1	146.25	0.95	1	1	22.451878
Type 3-3_str	BOBJ1	146.25	After	Interior Girder 2	146.25	0.95	1	1	22.451879
Type 3-3_str	BOBJ1	146.25	After	Right Exterior Girder	146.25	0.95	1	1	27.177214
Type 3-3_str	BOBJ1	157.5	Before	Left Exterior Girder	157.5	0.95	1	1	26.88028
Type 3-3_str	BOBJ1	157.5	Before	Interior Girder 1	157.5	0.95	1	1	22.176732
Type 3-3_str	BOBJ1	157.5	Before	Interior Girder 2	157.5	0.95	1	1	22.176734
Type 3-3_str	BOBJ1	157.5	Before	Right Exterior Girder	157.5	0.95	1	1	26.880279
Type 3-3_str	BOBJ1	157.5	After	Left Exterior Girder	157.5	0.95	1	1	24.653992
Type 3-3_str	BOBJ1	157.5	After	Interior Girder 1	157.5	0.95	1	1	21.41366
Type 3-3_str	BOBJ1	157.5	After	Interior Girder 2	157.5	0.95	1	1	21.41366
Type 3-3_str	BOBJ1	157.5	After	Right Exterior Girder	157.5	0.95	1	1	24.653992
Type 3-3_str	BOBJ1	168.2522	Before	Left Exterior Girder	168.2522	0.95	1	1	24.391663
Type 3-3_str	BOBJ1	168.2522	Before	Interior Girder 1	168.2522	0.95	1	1	21.158087
Type 3-3_str	BOBJ1	168.2522	Before	Interior Girder 2	168.2522	0.95	1	1	21.158086
Type 3-3_str	BOBJ1	168.2522	Before	Right Exterior Girder	168.2522	0.95	1	1	24.391663
Type 3-3_str	BOBJ1	168.2522	After	Left Exterior Girder	168.2522	0.95	1	1	33.033503
Type 3-3_str	BOBJ1	168.2522	After	Interior Girder 1	168.2522	0.95	1	1	28.631555
Type 3-3_str	BOBJ1	168.2522	After	Interior Girder 2	168.2522	0.95	1	1	28.631554
Type 3-3_str	BOBJ1	168.2522	After	Right Exterior Girder	168.2522	0.95	1	1	33.033502
Type 3-3_str	BOBJ1	168.75	Before	Left Exterior Girder	168.75	0.95	1	1	33.020329
Type 3-3_str	BOBJ1	168.75	Before	Interior Girder 1	168.75	0.95	1	1	28.619154
Type 3-3_str	BOBJ1	168.75	Before	Interior Girder 2	168.75	0.95	1	1	28.619153
Type 3-3_str	BOBJ1	168.75	Before	Right Exterior Girder	168.75	0.95	1	1	33.020328
Type 3-3_str	BOBJ1	168.75	After	Left Exterior Girder	168.75	0.95	1	1	35.806347
Type 3-3_str	BOBJ1	168.75	After	Interior Girder 1	168.75	0.95	1	1	29.171719
Type 3-3_str	BOBJ1	168.75	After	Interior Girder 2	168.75	0.95	1	1	29.171717
Type 3-3_str	BOBJ1	168.75	After	Right Exterior Girder	168.75	0.95	1	1	35.806347
Type 3-3_str	BOBJ1	180	Before	Left Exterior Girder	180	0.95	1	1	35.48488
Type 3-3_str	BOBJ1	180	Before	Interior Girder 1	180	0.95	1	1	28.883741
Type 3-3_str	BOBJ1	180	Before	Interior Girder 2	180	0.95	1	1	28.883739
Type 3-3_str	BOBJ1	180	Before	Right Exterior Girder	180	0.95	1	1	35.48488
Type 3-3_str	BOBJ1	180	After	Left Exterior Girder	180	0.95	1	1	32.936491
Type 3-3_str	BOBJ1	180	After	Interior Girder 1	180	0.95	1	1	26.442083
Type 3-3_str	BOBJ1	180	After	Interior Girder 2	180	0.95	1	1	26.442082
Type 3-3_str	BOBJ1	180	After	Right Exterior Girder	180	0.95	1	1	32.936493
Type 3-3_str	BOBJ1	183.1858	Before	Left Exterior Girder	183.1858	0.95	1	1	32.851606
Type 3-3_str	BOBJ1	183.1858	Before	Interior Girder 1	183.1858	0.95	1	1	26.367238
Type 3-3_str	BOBJ1	183.1858	Before	Interior Girder 2	183.1858	0.95	1	1	26.367236
Type 3-3_str	BOBJ1	183.1858	Before	Right Exterior Girder	183.1858	0.95	1	1	32.851608
Type 3-3_str	BOBJ1	183.1858	After	Left Exterior Girder	183.1858	0.95	1	1	52.335855
Type 3-3_str	BOBJ1	183.1858	After	Interior Girder 1	183.1858	0.95	1	1	41.060254
Type 3-3_str	BOBJ1	183.1858	After	Interior Girder 2	183.1858	0.95	1	1	41.060252
Type 3-3_str	BOBJ1	183.1858	After	Right Exterior Girder	183.1858	0.95	1	1	52.335858
Type 3-3_str	BOBJ1	191.25	Before	Left Exterior Girder	191.25	0.95	1	1	52.063387
Type 3-3_str	BOBJ1	191.25	Before	Interior Girder 1	191.25	0.95	1	1	40.829652
Type 3-3_str	BOBJ1	191.25	Before	Interior Girder 2	191.25	0.95	1	1	40.829649
Type 3-3_str	BOBJ1	191.25	Before	Right Exterior Girder	191.25	0.95	1	1	52.063389
Type 3-3_str	BOBJ1	191.25	After	Left Exterior Girder	191.25	0.95	1	1	50.437091
Type 3-3_str	BOBJ1	191.25	After	Interior Girder 1	191.25	0.95	1	1	37.468769
Type 3-3_str	BOBJ1	191.25	After	Interior Girder 2	191.25	0.95	1	1	37.468767
Type 3-3_str	BOBJ1	191.25	After	Right Exterior Girder	191.25	0.95	1	1	50.437094
Type 3-3_str	BOBJ1	199.9414	Before	Left Exterior Girder	199.9414	0.95	1	1	50.152066
Type 3-3_str	BOBJ1	199.9414	Before	Interior Girder 1	199.9414	0.95	1	1	37.240305
Type 3-3_str	BOBJ1	199.9414	Before	Interior Girder 2	199.9414	0.95	1	1	37.240303
Type 3-3_str	BOBJ1	199.9414	Before	Right Exterior Girder	199.9414	0.95	1	1	50.152068
Type 3-3_str	BOBJ1	199.9414	After	Left Exterior Girder	199.9414	0.95	1	1	63.79902
Type 3-3_str	BOBJ1	199.9414	After	Interior Girder 1	199.9414	0.95	1	1	44.649032
Type 3-3_str	BOBJ1	199.9414	After	Interior Girder 2	199.9414	0.95	1	1	44.64903
Type 3-3_str	BOBJ1	199.9414	After	Right Exterior Girder	199.9414	0.95	1	1	63.799023
Type 3-3_str	BOBJ1	202.5	Before	Left Exterior Girder	202.5	0.95	1	1	63.703614
Type 3-3_str	BOBJ1	202.5	Before	Interior Girder 1	202.5	0.95	1	1	44.577843
Type 3-3_str	BOBJ1	202.5	Before	Interior Girder 2	202.5	0.95	1	1	44.577841
Type 3-3_str	BOBJ1	202.5	Before	Right Exterior Girder	202.5	0.95	1	1	63.703617
Type 3-3_str	BOBJ1	202.5	After	Left Exterior Girder	202.5	0.95	1	1	64.012519
Type 3-3_str	BOBJ1	202.5	After	Interior Girder 1	202.5	0.95	1	1	44.773657
Type 3-3_str	BOBJ1	202.5	After	Interior Girder 2	202.5	0.95	1	1	44.773656
Type 3-3_str	BOBJ1	202.5	After	Right Exterior Girder	202.5	0.95	1	1	64.012522

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Main Span Girders									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Type 3-3_str	BOBJ1	210.5642	Before	Left Exterior Girder	210.5642	0.95	1	1	63.710056
Type 3-3_str	BOBJ1	210.5642	Before	Interior Girder 1	210.5642	0.95	1	1	44.547887
Type 3-3_str	BOBJ1	210.5642	Before	Interior Girder 2	210.5642	0.95	1	1	44.547886
Type 3-3_str	BOBJ1	210.5642	Before	Right Exterior Girder	210.5642	0.95	1	1	63.710058
Type 3-3_str	BOBJ1	210.5642	After	Left Exterior Girder	210.5642	0.95	1	1	77.184422
Type 3-3_str	BOBJ1	210.5642	After	Interior Girder 1	210.5642	0.95	1	1	51.151014
Type 3-3_str	BOBJ1	210.5642	After	Interior Girder 2	210.5642	0.95	1	1	51.151012
Type 3-3_str	BOBJ1	210.5642	After	Right Exterior Girder	210.5642	0.95	1	1	77.184425
Type 3-3_str	BOBJ1	213.75	Before	Left Exterior Girder	213.75	0.95	1	1	77.050314
Type 3-3_str	BOBJ1	213.75	Before	Interior Girder 1	213.75	0.95	1	1	51.056969
Type 3-3_str	BOBJ1	213.75	Before	Interior Girder 2	213.75	0.95	1	1	51.056968
Type 3-3_str	BOBJ1	213.75	Before	Right Exterior Girder	213.75	0.95	1	1	77.050317
Type 3-3_str	BOBJ1	213.75	After	Left Exterior Girder	213.75	0.95	1	1	76.879821
Type 3-3_str	BOBJ1	213.75	After	Interior Girder 1	213.75	0.95	1	1	49.638608
Type 3-3_str	BOBJ1	213.75	After	Interior Girder 2	213.75	0.95	1	1	49.638606
Type 3-3_str	BOBJ1	213.75	After	Right Exterior Girder	213.75	0.95	1	1	76.879824
Type 3-3_str	BOBJ1	225	Before	Left Exterior Girder	225	0.95	1	1	76.406916
Type 3-3_str	BOBJ1	225	Before	Interior Girder 1	225	0.95	1	1	49.315416
Type 3-3_str	BOBJ1	225	Before	Interior Girder 2	225	0.95	1	1	49.315415
Type 3-3_str	BOBJ1	225	Before	Right Exterior Girder	225	0.95	1	1	76.406919
Type 3-3_str	BOBJ1	225	After	Left Exterior Girder	0	0.95	1	1	71.386107
Type 3-3_str	BOBJ1	225	After	Interior Girder 1	0	0.95	1	1	45.843985
Type 3-3_str	BOBJ1	225	After	Interior Girder 2	0	0.95	1	1	45.843986
Type 3-3_str	BOBJ1	225	After	Right Exterior Girder	0	0.95	1	1	71.386106
Type 3-3_str	BOBJ1	236.45	Before	Left Exterior Girder	11.45	0.95	1	1	73.176951
Type 3-3_str	BOBJ1	236.45	Before	Interior Girder 1	11.45	0.95	1	1	49.07777
Type 3-3_str	BOBJ1	236.45	Before	Interior Girder 2	11.45	0.95	1	1	49.07777
Type 3-3_str	BOBJ1	236.45	Before	Right Exterior Girder	11.45	0.95	1	1	73.17695
Type 3-3_str	BOBJ1	236.45	After	Left Exterior Girder	11.45	0.95	1	1	73.216809
Type 3-3_str	BOBJ1	236.45	After	Interior Girder 1	11.45	0.95	1	1	49.923238
Type 3-3_str	BOBJ1	236.45	After	Interior Girder 2	11.45	0.95	1	1	49.923239
Type 3-3_str	BOBJ1	236.45	After	Right Exterior Girder	11.45	0.95	1	1	73.216808
Type 3-3_str	BOBJ1	239.5082	Before	Left Exterior Girder	14.5082	0.95	1	1	73.340426
Type 3-3_str	BOBJ1	239.5082	Before	Interior Girder 1	14.5082	0.95	1	1	50.012397
Type 3-3_str	BOBJ1	239.5082	Before	Interior Girder 2	14.5082	0.95	1	1	50.012397
Type 3-3_str	BOBJ1	239.5082	Before	Right Exterior Girder	14.5082	0.95	1	1	73.340425
Type 3-3_str	BOBJ1	239.5082	After	Left Exterior Girder	14.5082	0.95	1	1	60.28308
Type 3-3_str	BOBJ1	239.5082	After	Interior Girder 1	14.5082	0.95	1	1	43.498761
Type 3-3_str	BOBJ1	239.5082	After	Interior Girder 2	14.5082	0.95	1	1	43.498761
Type 3-3_str	BOBJ1	239.5082	After	Right Exterior Girder	14.5082	0.95	1	1	60.283079
Type 3-3_str	BOBJ1	247.9	Before	Left Exterior Girder	22.9	0.95	1	1	60.584819
Type 3-3_str	BOBJ1	247.9	Before	Interior Girder 1	22.9	0.95	1	1	43.731084
Type 3-3_str	BOBJ1	247.9	Before	Interior Girder 2	22.9	0.95	1	1	43.731084
Type 3-3_str	BOBJ1	247.9	Before	Right Exterior Girder	22.9	0.95	1	1	60.584818
Type 3-3_str	BOBJ1	247.9	After	Left Exterior Girder	22.9	0.95	1	1	63.225826
Type 3-3_str	BOBJ1	247.9	After	Interior Girder 1	22.9	0.95	1	1	47.414076
Type 3-3_str	BOBJ1	247.9	After	Interior Girder 2	22.9	0.95	1	1	47.414076
Type 3-3_str	BOBJ1	247.9	After	Right Exterior Girder	22.9	0.95	1	1	63.225824
Type 3-3_str	BOBJ1	258.5189	Before	Left Exterior Girder	33.5189	0.95	1	1	63.62338
Type 3-3_str	BOBJ1	258.5189	Before	Interior Girder 1	33.5189	0.95	1	1	47.732173
Type 3-3_str	BOBJ1	258.5189	Before	Interior Girder 2	33.5189	0.95	1	1	47.732174
Type 3-3_str	BOBJ1	258.5189	Before	Right Exterior Girder	33.5189	0.95	1	1	63.623379
Type 3-3_str	BOBJ1	258.5189	After	Left Exterior Girder	33.5189	0.95	1	1	46.939792
Type 3-3_str	BOBJ1	258.5189	After	Interior Girder 1	33.5189	0.95	1	1	38.141847
Type 3-3_str	BOBJ1	258.5189	After	Interior Girder 2	33.5189	0.95	1	1	38.141847
Type 3-3_str	BOBJ1	258.5189	After	Right Exterior Girder	33.5189	0.95	1	1	46.939791
Type 3-3_str	BOBJ1	259.3	Before	Left Exterior Girder	34.3	0.95	1	1	46.96408
Type 3-3_str	BOBJ1	259.3	Before	Interior Girder 1	34.3	0.95	1	1	38.162993
Type 3-3_str	BOBJ1	259.3	Before	Interior Girder 2	34.3	0.95	1	1	38.162994
Type 3-3_str	BOBJ1	259.3	Before	Right Exterior Girder	34.3	0.95	1	1	46.964079
Type 3-3_str	BOBJ1	259.3	After	Left Exterior Girder	34.3	0.95	1	1	49.114692
Type 3-3_str	BOBJ1	259.3	After	Interior Girder 1	34.3	0.95	1	1	38.683371
Type 3-3_str	BOBJ1	259.3	After	Interior Girder 2	34.3	0.95	1	1	38.683371
Type 3-3_str	BOBJ1	259.3	After	Right Exterior Girder	34.3	0.95	1	1	49.114691
Type 3-3_str	BOBJ1	266.1031	Before	Left Exterior Girder	41.1031	0.95	1	1	49.334978
Type 3-3_str	BOBJ1	266.1031	Before	Interior Girder 1	41.1031	0.95	1	1	38.870521
Type 3-3_str	BOBJ1	266.1031	Before	Interior Girder 2	41.1031	0.95	1	1	38.870522
Type 3-3_str	BOBJ1	266.1031	Before	Right Exterior Girder	41.1031	0.95	1	1	49.334976

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Main Span Girders									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Type 3-3_str	BOBJ1	266.1031	After	Left Exterior Girder	41.1031	0.95	1	1	31.015948
Type 3-3_str	BOBJ1	266.1031	After	Interior Girder 1	41.1031	0.95	1	1	25.119021
Type 3-3_str	BOBJ1	266.1031	After	Interior Girder 2	41.1031	0.95	1	1	25.119021
Type 3-3_str	BOBJ1	266.1031	After	Right Exterior Girder	41.1031	0.95	1	1	31.015947
Type 3-3_str	BOBJ1	270.7	Before	Left Exterior Girder	45.7	0.95	1	1	31.134614
Type 3-3_str	BOBJ1	270.7	Before	Interior Girder 1	45.7	0.95	1	1	25.224647
Type 3-3_str	BOBJ1	270.7	Before	Interior Girder 2	45.7	0.95	1	1	25.224647
Type 3-3_str	BOBJ1	270.7	Before	Right Exterior Girder	45.7	0.95	1	1	31.134614
Type 3-3_str	BOBJ1	270.7	After	Left Exterior Girder	45.7	0.95	1	1	31.546493
Type 3-3_str	BOBJ1	270.7	After	Interior Girder 1	45.7	0.95	1	1	24.564916
Type 3-3_str	BOBJ1	270.7	After	Interior Girder 2	45.7	0.95	1	1	24.564917
Type 3-3_str	BOBJ1	270.7	After	Right Exterior Girder	45.7	0.95	1	1	31.546492
Type 3-3_str	BOBJ1	273.6874	Before	Left Exterior Girder	48.6874	0.95	1	1	31.624483
Type 3-3_str	BOBJ1	273.6874	Before	Interior Girder 1	48.6874	0.95	1	1	24.631556
Type 3-3_str	BOBJ1	273.6874	Before	Interior Girder 2	48.6874	0.95	1	1	24.631556
Type 3-3_str	BOBJ1	273.6874	Before	Right Exterior Girder	48.6874	0.95	1	1	31.624482
Type 3-3_str	BOBJ1	273.6874	After	Left Exterior Girder	48.6874	0.95	1	1	20.888593
Type 3-3_str	BOBJ1	273.6874	After	Interior Girder 1	48.6874	0.95	1	1	17.115186
Type 3-3_str	BOBJ1	273.6874	After	Interior Girder 2	48.6874	0.95	1	1	17.115187
Type 3-3_str	BOBJ1	273.6874	After	Right Exterior Girder	48.6874	0.95	1	1	20.888592
Type 3-3_str	BOBJ1	282.15	Before	Left Exterior Girder	57.15	0.95	1	1	21.075482
Type 3-3_str	BOBJ1	282.15	Before	Interior Girder 1	57.15	0.95	1	1	17.286953
Type 3-3_str	BOBJ1	282.15	Before	Interior Girder 2	57.15	0.95	1	1	17.286953
Type 3-3_str	BOBJ1	282.15	Before	Right Exterior Girder	57.15	0.95	1	1	21.075481
Type 3-3_str	BOBJ1	282.15	After	Left Exterior Girder	57.15	0.95	1	1	21.547666
Type 3-3_str	BOBJ1	282.15	After	Interior Girder 1	57.15	0.95	1	1	18.129875
Type 3-3_str	BOBJ1	282.15	After	Interior Girder 2	57.15	0.95	1	1	18.129875
Type 3-3_str	BOBJ1	282.15	After	Right Exterior Girder	57.15	0.95	1	1	21.547665
Type 3-3_str	BOBJ1	293.6	Before	Left Exterior Girder	68.6	0.95	1	1	22.566572
Type 3-3_str	BOBJ1	293.6	Before	Interior Girder 1	68.6	0.95	1	1	19.614818
Type 3-3_str	BOBJ1	293.6	Before	Interior Girder 2	68.6	0.95	1	1	19.614818
Type 3-3_str	BOBJ1	293.6	Before	Right Exterior Girder	68.6	0.95	1	1	22.566571
Type 3-3_str	BOBJ1	293.6	After	Left Exterior Girder	68.6	0.95	1	1	23.390627
Type 3-3_str	BOBJ1	293.6	After	Interior Girder 1	68.6	0.95	1	1	18.847575
Type 3-3_str	BOBJ1	293.6	After	Interior Girder 2	68.6	0.95	1	1	18.847575
Type 3-3_str	BOBJ1	293.6	After	Right Exterior Girder	68.6	0.95	1	1	23.390629
Type 3-3_str	BOBJ1	305	Before	Left Exterior Girder	80	0.95	1	1	24.632957
Type 3-3_str	BOBJ1	305	Before	Interior Girder 1	80	0.95	1	1	20.312633
Type 3-3_str	BOBJ1	305	Before	Interior Girder 2	80	0.95	1	1	20.312633
Type 3-3_str	BOBJ1	305	Before	Right Exterior Girder	80	0.95	1	1	24.632959
Type 3-3_str	BOBJ1	305	After	Left Exterior Girder	80	0.95	1	1	24.132676
Type 3-3_str	BOBJ1	305	After	Interior Girder 1	80	0.95	1	1	20.38051
Type 3-3_str	BOBJ1	305	After	Interior Girder 2	80	0.95	1	1	20.38051
Type 3-3_str	BOBJ1	305	After	Right Exterior Girder	80	0.95	1	1	24.132678
Type 3-3_str	BOBJ1	306.9561	Before	Left Exterior Girder	81.9561	0.95	1	1	24.180314
Type 3-3_str	BOBJ1	306.9561	Before	Interior Girder 1	81.9561	0.95	1	1	20.425306
Type 3-3_str	BOBJ1	306.9561	Before	Interior Girder 2	81.9561	0.95	1	1	20.425306
Type 3-3_str	BOBJ1	306.9561	Before	Right Exterior Girder	81.9561	0.95	1	1	24.180316
Type 3-3_str	BOBJ1	306.9561	After	Left Exterior Girder	81.9561	0.95	1	1	44.267355
Type 3-3_str	BOBJ1	306.9561	After	Interior Girder 1	81.9561	0.95	1	1	38.258268
Type 3-3_str	BOBJ1	306.9561	After	Interior Girder 2	81.9561	0.95	1	1	38.258269
Type 3-3_str	BOBJ1	306.9561	After	Right Exterior Girder	81.9561	0.95	1	1	44.267358
Type 3-3_str	BOBJ1	316.4	Before	Left Exterior Girder	91.4	0.95	1	1	44.585736
Type 3-3_str	BOBJ1	316.4	Before	Interior Girder 1	91.4	0.95	1	1	38.559839
Type 3-3_str	BOBJ1	316.4	Before	Interior Girder 2	91.4	0.95	1	1	38.559839
Type 3-3_str	BOBJ1	316.4	Before	Right Exterior Girder	91.4	0.95	1	1	44.585739
Type 3-3_str	BOBJ1	316.4	After	Left Exterior Girder	91.4	0.95	1	1	46.531851
Type 3-3_str	BOBJ1	316.4	After	Interior Girder 1	91.4	0.95	1	1	36.045708
Type 3-3_str	BOBJ1	316.4	After	Interior Girder 2	91.4	0.95	1	1	36.045708
Type 3-3_str	BOBJ1	316.4	After	Right Exterior Girder	91.4	0.95	1	1	46.531853
Type 3-3_str	BOBJ1	327.85	Before	Left Exterior Girder	102.9679	0.95	1	1	48.992603
Type 3-3_str	BOBJ1	327.85	Before	Interior Girder 1	102.9679	0.95	1	1	38.936374
Type 3-3_str	BOBJ1	327.85	Before	Interior Girder 2	102.9679	0.95	1	1	38.936375
Type 3-3_str	BOBJ1	327.85	Before	Right Exterior Girder	102.9679	0.95	1	1	48.992605
Type 3-3_str	BOBJ1	327.85	After	Left Exterior Girder	102.9679	0.95	1	1	77.220699
Type 3-3_str	BOBJ1	327.85	After	Interior Girder 1	102.9679	0.95	1	1	61.924544
Type 3-3_str	BOBJ1	327.85	After	Interior Girder 2	102.9679	0.95	1	1	61.924546
Type 3-3_str	BOBJ1	327.85	After	Right Exterior Girder	102.9679	0.95	1	1	77.220701

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Main Span Girders									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Type 3-3_str	BOBJ1	339.3	Before	Left Exterior Girder	114.3	0.95	1	1	81.401599
Type 3-3_str	BOBJ1	339.3	Before	Interior Girder 1	114.3	0.95	1	1	66.661598
Type 3-3_str	BOBJ1	339.3	Before	Interior Girder 2	114.3	0.95	1	1	66.661599
Type 3-3_str	BOBJ1	339.3	Before	Right Exterior Girder	114.3	0.95	1	1	81.401601
Type 3-3_str	BOBJ1	339.3	After	Left Exterior Girder	114.3	0.95	1	1	85.300057
Type 3-3_str	BOBJ1	339.3	After	Interior Girder 1	114.3	0.95	1	1	61.756021
Type 3-3_str	BOBJ1	339.3	After	Interior Girder 2	114.3	0.95	1	1	61.756019
Type 3-3_str	BOBJ1	339.3	After	Right Exterior Girder	114.3	0.95	1	1	85.300055
Type 3-3_str	BOBJ1	350.7	Before	Left Exterior Girder	125.7	0.95	1	1	90.240449
Type 3-3_str	BOBJ1	350.7	Before	Interior Girder 1	125.7	0.95	1	1	66.754403
Type 3-3_str	BOBJ1	350.7	Before	Interior Girder 2	125.7	0.95	1	1	66.754401
Type 3-3_str	BOBJ1	350.7	Before	Right Exterior Girder	125.7	0.95	1	1	90.240447
Type 3-3_str	BOBJ1	350.7	After	Left Exterior Girder	125.7	0.95	1	1	93.589931
Type 3-3_str	BOBJ1	350.7	After	Interior Girder 1	125.7	0.95	1	1	69.46584
Type 3-3_str	BOBJ1	350.7	After	Interior Girder 2	125.7	0.95	1	1	69.465838
Type 3-3_str	BOBJ1	350.7	After	Right Exterior Girder	125.7	0.95	1	1	93.58993
Type 3-3_str	BOBJ1	362.1	Before	Left Exterior Girder	137.1	0.95	1	1	99.53944
Type 3-3_str	BOBJ1	362.1	Before	Interior Girder 1	137.1	0.95	1	1	75.120744
Type 3-3_str	BOBJ1	362.1	Before	Interior Girder 2	137.1	0.95	1	1	75.120743
Type 3-3_str	BOBJ1	362.1	Before	Right Exterior Girder	137.1	0.95	1	1	99.53944
Type 3-3_str	BOBJ1	362.1	After	Left Exterior Girder	137.1	0.95	1	1	105.32498
Type 3-3_str	BOBJ1	362.1	After	Interior Girder 1	137.1	0.95	1	1	68.798793
Type 3-3_str	BOBJ1	362.1	After	Interior Girder 2	137.1	0.95	1	1	68.798795
Type 3-3_str	BOBJ1	362.1	After	Right Exterior Girder	137.1	0.95	1	1	105.324973
Type 3-3_str	BOBJ1	373.55	Before	Left Exterior Girder	148.55	0.95	1	1	112.631725
Type 3-3_str	BOBJ1	373.55	Before	Interior Girder 1	148.55	0.95	1	1	74.747008
Type 3-3_str	BOBJ1	373.55	Before	Interior Girder 2	148.55	0.95	1	1	74.747008
Type 3-3_str	BOBJ1	373.55	Before	Right Exterior Girder	148.55	0.95	1	1	112.631717
Type 3-3_str	BOBJ1	373.55	After	Left Exterior Girder	148.55	0.95	1	1	117.760193
Type 3-3_str	BOBJ1	373.55	After	Interior Girder 1	148.55	0.95	1	1	78.060282
Type 3-3_str	BOBJ1	373.55	After	Interior Girder 2	148.55	0.95	1	1	78.060282
Type 3-3_str	BOBJ1	373.55	After	Right Exterior Girder	148.55	0.95	1	1	117.760184
Type 3-3_str	BOBJ1	385	Before	Left Exterior Girder	160	0.95	1	1	126.846875
Type 3-3_str	BOBJ1	385	Before	Interior Girder 1	160	0.95	1	1	77.197846
Type 3-3_str	BOBJ1	385	Before	Interior Girder 2	160	0.95	1	1	77.197844
Type 3-3_str	BOBJ1	385	Before	Right Exterior Girder	160	0.95	1	1	126.846863
Type 3-3_str	BOBJ1	385	After	Left Exterior Girder	160	0.95	1	1	126.846864
Type 3-3_str	BOBJ1	385	After	Interior Girder 1	160	0.95	1	1	77.197839
Type 3-3_str	BOBJ1	385	After	Interior Girder 2	160	0.95	1	1	77.197842
Type 3-3_str	BOBJ1	385	After	Right Exterior Girder	160	0.95	1	1	126.846876
Type 3-3_str	BOBJ1	396.45	Before	Left Exterior Girder	171.45	0.95	1	1	117.760183
Type 3-3_str	BOBJ1	396.45	Before	Interior Girder 1	171.45	0.95	1	1	78.060285
Type 3-3_str	BOBJ1	396.45	Before	Interior Girder 2	171.45	0.95	1	1	78.060285
Type 3-3_str	BOBJ1	396.45	Before	Right Exterior Girder	171.45	0.95	1	1	117.760193
Type 3-3_str	BOBJ1	396.45	After	Left Exterior Girder	171.45	0.95	1	1	112.631715
Type 3-3_str	BOBJ1	396.45	After	Interior Girder 1	171.45	0.95	1	1	74.747011
Type 3-3_str	BOBJ1	396.45	After	Interior Girder 2	171.45	0.95	1	1	74.74701
Type 3-3_str	BOBJ1	396.45	After	Right Exterior Girder	171.45	0.95	1	1	112.631724
Type 3-3_str	BOBJ1	407.9	Before	Left Exterior Girder	182.9	0.95	1	1	105.32497
Type 3-3_str	BOBJ1	407.9	Before	Interior Girder 1	182.9	0.95	1	1	68.7988
Type 3-3_str	BOBJ1	407.9	Before	Interior Girder 2	182.9	0.95	1	1	68.798797
Type 3-3_str	BOBJ1	407.9	Before	Right Exterior Girder	182.9	0.95	1	1	105.324978
Type 3-3_str	BOBJ1	407.9	After	Left Exterior Girder	182.9	0.95	1	1	99.539433
Type 3-3_str	BOBJ1	407.9	After	Interior Girder 1	182.9	0.95	1	1	75.12075
Type 3-3_str	BOBJ1	407.9	After	Interior Girder 2	182.9	0.95	1	1	75.120747
Type 3-3_str	BOBJ1	407.9	After	Right Exterior Girder	182.9	0.95	1	1	99.539436
Type 3-3_str	BOBJ1	419.3	Before	Left Exterior Girder	194.3	0.95	1	1	93.589925
Type 3-3_str	BOBJ1	419.3	Before	Interior Girder 1	194.3	0.95	1	1	69.465843
Type 3-3_str	BOBJ1	419.3	Before	Interior Girder 2	194.3	0.95	1	1	69.465841
Type 3-3_str	BOBJ1	419.3	Before	Right Exterior Girder	194.3	0.95	1	1	93.589928
Type 3-3_str	BOBJ1	419.3	After	Left Exterior Girder	194.3	0.95	1	1	90.240442
Type 3-3_str	BOBJ1	419.3	After	Interior Girder 1	194.3	0.95	1	1	66.754406
Type 3-3_str	BOBJ1	419.3	After	Interior Girder 2	194.3	0.95	1	1	66.754404
Type 3-3_str	BOBJ1	419.3	After	Right Exterior Girder	194.3	0.95	1	1	90.240446
Type 3-3_str	BOBJ1	430.7	Before	Left Exterior Girder	205.7	0.95	1	1	85.30005
Type 3-3_str	BOBJ1	430.7	Before	Interior Girder 1	205.7	0.95	1	1	61.756024
Type 3-3_str	BOBJ1	430.7	Before	Interior Girder 2	205.7	0.95	1	1	61.756021
Type 3-3_str	BOBJ1	430.7	Before	Right Exterior Girder	205.7	0.95	1	1	85.300055

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Main Span Girders									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Type 3-3_str	BOBJ1	430.7	After	Left Exterior Girder	205.7	0.95	1	1	81.401599
Type 3-3_str	BOBJ1	430.7	After	Interior Girder 1	205.7	0.95	1	1	66.6616
Type 3-3_str	BOBJ1	430.7	After	Interior Girder 2	205.7	0.95	1	1	66.661597
Type 3-3_str	BOBJ1	430.7	After	Right Exterior Girder	205.7	0.95	1	1	81.401606
Type 3-3_str	BOBJ1	442.15	Before	Left Exterior Girder	217.0321	0.95	1	1	77.220699
Type 3-3_str	BOBJ1	442.15	Before	Interior Girder 1	217.0321	0.95	1	1	61.924545
Type 3-3_str	BOBJ1	442.15	Before	Interior Girder 2	217.0321	0.95	1	1	61.924544
Type 3-3_str	BOBJ1	442.15	Before	Right Exterior Girder	217.0321	0.95	1	1	77.220705
Type 3-3_str	BOBJ1	442.15	After	Left Exterior Girder	217.0321	0.95	1	1	48.992603
Type 3-3_str	BOBJ1	442.15	After	Interior Girder 1	217.0321	0.95	1	1	38.936375
Type 3-3_str	BOBJ1	442.15	After	Interior Girder 2	217.0321	0.95	1	1	38.936374
Type 3-3_str	BOBJ1	442.15	After	Right Exterior Girder	217.0321	0.95	1	1	48.992607
Type 3-3_str	BOBJ1	453.6	Before	Left Exterior Girder	228.6	0.95	1	1	46.531851
Type 3-3_str	BOBJ1	453.6	Before	Interior Girder 1	228.6	0.95	1	1	36.045708
Type 3-3_str	BOBJ1	453.6	Before	Interior Girder 2	228.6	0.95	1	1	36.045707
Type 3-3_str	BOBJ1	453.6	Before	Right Exterior Girder	228.6	0.95	1	1	46.531855
Type 3-3_str	BOBJ1	453.6	After	Left Exterior Girder	228.6	0.95	1	1	44.585737
Type 3-3_str	BOBJ1	453.6	After	Interior Girder 1	228.6	0.95	1	1	38.559839
Type 3-3_str	BOBJ1	453.6	After	Interior Girder 2	228.6	0.95	1	1	38.559837
Type 3-3_str	BOBJ1	453.6	After	Right Exterior Girder	228.6	0.95	1	1	44.585737
Type 3-3_str	BOBJ1	463.0439	Before	Left Exterior Girder	238.0439	0.95	1	1	44.267357
Type 3-3_str	BOBJ1	463.0439	Before	Interior Girder 1	238.0439	0.95	1	1	38.258268
Type 3-3_str	BOBJ1	463.0439	Before	Interior Girder 2	238.0439	0.95	1	1	38.258267
Type 3-3_str	BOBJ1	463.0439	Before	Right Exterior Girder	238.0439	0.95	1	1	44.267356
Type 3-3_str	BOBJ1	463.0439	After	Left Exterior Girder	238.0439	0.95	1	1	24.180314
Type 3-3_str	BOBJ1	463.0439	After	Interior Girder 1	238.0439	0.95	1	1	20.425306
Type 3-3_str	BOBJ1	463.0439	After	Interior Girder 2	238.0439	0.95	1	1	20.425306
Type 3-3_str	BOBJ1	463.0439	After	Right Exterior Girder	238.0439	0.95	1	1	24.180314
Type 3-3_str	BOBJ1	465	Before	Left Exterior Girder	240	0.95	1	1	24.132677
Type 3-3_str	BOBJ1	465	Before	Interior Girder 1	240	0.95	1	1	20.38051
Type 3-3_str	BOBJ1	465	Before	Interior Girder 2	240	0.95	1	1	20.380509
Type 3-3_str	BOBJ1	465	Before	Right Exterior Girder	240	0.95	1	1	24.132676
Type 3-3_str	BOBJ1	465	After	Left Exterior Girder	240	0.95	1	1	24.632958
Type 3-3_str	BOBJ1	465	After	Interior Girder 1	240	0.95	1	1	20.312633
Type 3-3_str	BOBJ1	465	After	Interior Girder 2	240	0.95	1	1	20.312632
Type 3-3_str	BOBJ1	465	After	Right Exterior Girder	240	0.95	1	1	24.632958
Type 3-3_str	BOBJ1	476.4	Before	Left Exterior Girder	251.4	0.95	1	1	23.390628
Type 3-3_str	BOBJ1	476.4	Before	Interior Girder 1	251.4	0.95	1	1	18.847575
Type 3-3_str	BOBJ1	476.4	Before	Interior Girder 2	251.4	0.95	1	1	18.847575
Type 3-3_str	BOBJ1	476.4	Before	Right Exterior Girder	251.4	0.95	1	1	23.390627
Type 3-3_str	BOBJ1	476.4	After	Left Exterior Girder	251.4	0.95	1	1	22.56657
Type 3-3_str	BOBJ1	476.4	After	Interior Girder 1	251.4	0.95	1	1	19.614818
Type 3-3_str	BOBJ1	476.4	After	Interior Girder 2	251.4	0.95	1	1	19.614819
Type 3-3_str	BOBJ1	476.4	After	Right Exterior Girder	251.4	0.95	1	1	22.566571
Type 3-3_str	BOBJ1	487.85	Before	Left Exterior Girder	262.85	0.95	1	1	21.547665
Type 3-3_str	BOBJ1	487.85	Before	Interior Girder 1	262.85	0.95	1	1	18.129875
Type 3-3_str	BOBJ1	487.85	Before	Interior Girder 2	262.85	0.95	1	1	18.129876
Type 3-3_str	BOBJ1	487.85	Before	Right Exterior Girder	262.85	0.95	1	1	21.547665
Type 3-3_str	BOBJ1	487.85	After	Left Exterior Girder	262.85	0.95	1	1	21.075481
Type 3-3_str	BOBJ1	487.85	After	Interior Girder 1	262.85	0.95	1	1	17.286953
Type 3-3_str	BOBJ1	487.85	After	Interior Girder 2	262.85	0.95	1	1	17.286954
Type 3-3_str	BOBJ1	487.85	After	Right Exterior Girder	262.85	0.95	1	1	21.075481
Type 3-3_str	BOBJ1	496.3126	Before	Left Exterior Girder	271.3126	0.95	1	1	20.888591
Type 3-3_str	BOBJ1	496.3126	Before	Interior Girder 1	271.3126	0.95	1	1	17.115186
Type 3-3_str	BOBJ1	496.3126	Before	Interior Girder 2	271.3126	0.95	1	1	17.115188
Type 3-3_str	BOBJ1	496.3126	Before	Right Exterior Girder	271.3126	0.95	1	1	20.888591
Type 3-3_str	BOBJ1	496.3126	After	Left Exterior Girder	271.3126	0.95	1	1	31.624482
Type 3-3_str	BOBJ1	496.3126	After	Interior Girder 1	271.3126	0.95	1	1	24.631556
Type 3-3_str	BOBJ1	496.3126	After	Interior Girder 2	271.3126	0.95	1	1	24.631558
Type 3-3_str	BOBJ1	496.3126	After	Right Exterior Girder	271.3126	0.95	1	1	31.624481
Type 3-3_str	BOBJ1	499.3	Before	Left Exterior Girder	274.3	0.95	1	1	31.546491
Type 3-3_str	BOBJ1	499.3	Before	Interior Girder 1	274.3	0.95	1	1	24.564917
Type 3-3_str	BOBJ1	499.3	Before	Interior Girder 2	274.3	0.95	1	1	24.564918
Type 3-3_str	BOBJ1	499.3	Before	Right Exterior Girder	274.3	0.95	1	1	31.546491
Type 3-3_str	BOBJ1	499.3	After	Left Exterior Girder	274.3	0.95	1	1	31.134614
Type 3-3_str	BOBJ1	499.3	After	Interior Girder 1	274.3	0.95	1	1	25.224647
Type 3-3_str	BOBJ1	499.3	After	Interior Girder 2	274.3	0.95	1	1	25.224649
Type 3-3_str	BOBJ1	499.3	After	Right Exterior Girder	274.3	0.95	1	1	31.134612

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Main Span Girders									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Type 3-3_str	BOBJ1	503.8969	Before	Left Exterior Girder	278.8969	0.95	1	1	31.015948
Type 3-3_str	BOBJ1	503.8969	Before	Interior Girder 1	278.8969	0.95	1	1	25.119021
Type 3-3_str	BOBJ1	503.8969	Before	Interior Girder 2	278.8969	0.95	1	1	25.119023
Type 3-3_str	BOBJ1	503.8969	Before	Right Exterior Girder	278.8969	0.95	1	1	31.015945
Type 3-3_str	BOBJ1	503.8969	After	Left Exterior Girder	278.8969	0.95	1	1	49.334978
Type 3-3_str	BOBJ1	503.8969	After	Interior Girder 1	278.8969	0.95	1	1	38.870521
Type 3-3_str	BOBJ1	503.8969	After	Interior Girder 2	278.8969	0.95	1	1	38.870524
Type 3-3_str	BOBJ1	503.8969	After	Right Exterior Girder	278.8969	0.95	1	1	49.334975
Type 3-3_str	BOBJ1	510.7	Before	Left Exterior Girder	285.7	0.95	1	1	49.114692
Type 3-3_str	BOBJ1	510.7	Before	Interior Girder 1	285.7	0.95	1	1	38.683371
Type 3-3_str	BOBJ1	510.7	Before	Interior Girder 2	285.7	0.95	1	1	38.683374
Type 3-3_str	BOBJ1	510.7	Before	Right Exterior Girder	285.7	0.95	1	1	49.114689
Type 3-3_str	BOBJ1	510.7	After	Left Exterior Girder	285.7	0.95	1	1	45.624593
Type 3-3_str	BOBJ1	510.7	After	Interior Girder 1	285.7	0.95	1	1	35.415298
Type 3-3_str	BOBJ1	510.7	After	Interior Girder 2	285.7	0.95	1	1	35.4153
Type 3-3_str	BOBJ1	510.7	After	Right Exterior Girder	285.7	0.95	1	1	45.62459
Type 3-3_str	BOBJ1	511.4811	Before	Left Exterior Girder	286.4811	0.95	1	1	45.600998
Type 3-3_str	BOBJ1	511.4811	Before	Interior Girder 1	286.4811	0.95	1	1	35.395674
Type 3-3_str	BOBJ1	511.4811	Before	Interior Girder 2	286.4811	0.95	1	1	35.395676
Type 3-3_str	BOBJ1	511.4811	Before	Right Exterior Girder	286.4811	0.95	1	1	45.600995
Type 3-3_str	BOBJ1	511.4811	After	Left Exterior Girder	286.4811	0.95	1	1	63.792157
Type 3-3_str	BOBJ1	511.4811	After	Interior Girder 1	286.4811	0.95	1	1	48.075099
Type 3-3_str	BOBJ1	511.4811	After	Interior Girder 2	286.4811	0.95	1	1	48.075101
Type 3-3_str	BOBJ1	511.4811	After	Right Exterior Girder	286.4811	0.95	1	1	63.792153
Type 3-3_str	BOBJ1	522.1	Before	Left Exterior Girder	297.1	0.95	1	1	63.393547
Type 3-3_str	BOBJ1	522.1	Before	Interior Girder 1	297.1	0.95	1	1	47.754716
Type 3-3_str	BOBJ1	522.1	Before	Interior Girder 2	297.1	0.95	1	1	47.754719
Type 3-3_str	BOBJ1	522.1	Before	Right Exterior Girder	297.1	0.95	1	1	63.393544
Type 3-3_str	BOBJ1	522.1	After	Left Exterior Girder	297.1	0.95	1	1	60.585306
Type 3-3_str	BOBJ1	522.1	After	Interior Girder 1	297.1	0.95	1	1	43.731085
Type 3-3_str	BOBJ1	522.1	After	Interior Girder 2	297.1	0.95	1	1	43.731086
Type 3-3_str	BOBJ1	522.1	After	Right Exterior Girder	297.1	0.95	1	1	60.585305
Type 3-3_str	BOBJ1	530.4918	Before	Left Exterior Girder	305.4918	0.95	1	1	60.283564
Type 3-3_str	BOBJ1	530.4918	Before	Interior Girder 1	305.4918	0.95	1	1	43.498762
Type 3-3_str	BOBJ1	530.4918	Before	Interior Girder 2	305.4918	0.95	1	1	43.498763
Type 3-3_str	BOBJ1	530.4918	Before	Right Exterior Girder	305.4918	0.95	1	1	60.283563
Type 3-3_str	BOBJ1	530.4918	After	Left Exterior Girder	305.4918	0.95	1	1	73.338035
Type 3-3_str	BOBJ1	530.4918	After	Interior Girder 1	305.4918	0.95	1	1	49.99745
Type 3-3_str	BOBJ1	530.4918	After	Interior Girder 2	305.4918	0.95	1	1	49.99745
Type 3-3_str	BOBJ1	530.4918	After	Right Exterior Girder	305.4918	0.95	1	1	73.338033
Type 3-3_str	BOBJ1	533.55	Before	Left Exterior Girder	308.55	0.95	1	1	73.214422
Type 3-3_str	BOBJ1	533.55	Before	Interior Girder 1	308.55	0.95	1	1	49.908318
Type 3-3_str	BOBJ1	533.55	Before	Interior Girder 2	308.55	0.95	1	1	49.908318
Type 3-3_str	BOBJ1	533.55	Before	Right Exterior Girder	308.55	0.95	1	1	73.21442
Type 3-3_str	BOBJ1	533.55	After	Left Exterior Girder	308.55	0.95	1	1	73.17405
Type 3-3_str	BOBJ1	533.55	After	Interior Girder 1	308.55	0.95	1	1	49.078951
Type 3-3_str	BOBJ1	533.55	After	Interior Girder 2	308.55	0.95	1	1	49.078951
Type 3-3_str	BOBJ1	533.55	After	Right Exterior Girder	308.55	0.95	1	1	73.174048
Type 3-3_str	BOBJ1	545	Before	Left Exterior Girder	320	0.95	1	1	71.385986
Type 3-3_str	BOBJ1	545	Before	Interior Girder 1	320	0.95	1	1	45.843491
Type 3-3_str	BOBJ1	545	Before	Interior Girder 2	320	0.95	1	1	45.843491
Type 3-3_str	BOBJ1	545	Before	Right Exterior Girder	320	0.95	1	1	71.385985
Type 3-3_str	BOBJ1	545	After	Left Exterior Girder	0	0.95	1	1	76.406917
Type 3-3_str	BOBJ1	545	After	Interior Girder 1	0	0.95	1	1	49.315339
Type 3-3_str	BOBJ1	545	After	Interior Girder 2	0	0.95	1	1	49.315339
Type 3-3_str	BOBJ1	545	After	Right Exterior Girder	0	0.95	1	1	76.406916
Type 3-3_str	BOBJ1	556.25	Before	Left Exterior Girder	11.25	0.95	1	1	76.879822
Type 3-3_str	BOBJ1	556.25	Before	Interior Girder 1	11.25	0.95	1	1	49.63853
Type 3-3_str	BOBJ1	556.25	Before	Interior Girder 2	11.25	0.95	1	1	49.638531
Type 3-3_str	BOBJ1	556.25	Before	Right Exterior Girder	11.25	0.95	1	1	76.879821
Type 3-3_str	BOBJ1	556.25	After	Left Exterior Girder	11.25	0.95	1	1	77.051423
Type 3-3_str	BOBJ1	556.25	After	Interior Girder 1	11.25	0.95	1	1	51.058028
Type 3-3_str	BOBJ1	556.25	After	Interior Girder 2	11.25	0.95	1	1	51.058028
Type 3-3_str	BOBJ1	556.25	After	Right Exterior Girder	11.25	0.95	1	1	77.051422
Type 3-3_str	BOBJ1	559.4358	Before	Left Exterior Girder	14.4358	0.95	1	1	77.185532
Type 3-3_str	BOBJ1	559.4358	Before	Interior Girder 1	14.4358	0.95	1	1	51.152074
Type 3-3_str	BOBJ1	559.4358	Before	Interior Girder 2	14.4358	0.95	1	1	51.152075
Type 3-3_str	BOBJ1	559.4358	Before	Right Exterior Girder	14.4358	0.95	1	1	77.185531

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Main Span Girders									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Type 3-3_str	BOBJ1	559.4358	After	Left Exterior Girder	14.4358	0.95	1	1	63.712607
Type 3-3_str	BOBJ1	559.4358	After	Interior Girder 1	14.4358	0.95	1	1	44.551718
Type 3-3_str	BOBJ1	559.4358	After	Interior Girder 2	14.4358	0.95	1	1	44.551719
Type 3-3_str	BOBJ1	559.4358	After	Right Exterior Girder	14.4358	0.95	1	1	63.712606
Type 3-3_str	BOBJ1	567.5	Before	Left Exterior Girder	22.5	0.95	1	1	64.015082
Type 3-3_str	BOBJ1	567.5	Before	Interior Girder 1	22.5	0.95	1	1	44.777508
Type 3-3_str	BOBJ1	567.5	Before	Interior Girder 2	22.5	0.95	1	1	44.777508
Type 3-3_str	BOBJ1	567.5	Before	Right Exterior Girder	22.5	0.95	1	1	64.015082
Type 3-3_str	BOBJ1	567.5	After	Left Exterior Girder	22.5	0.95	1	1	63.704372
Type 3-3_str	BOBJ1	567.5	After	Interior Girder 1	22.5	0.95	1	1	44.579544
Type 3-3_str	BOBJ1	567.5	After	Interior Girder 2	22.5	0.95	1	1	44.579544
Type 3-3_str	BOBJ1	567.5	After	Right Exterior Girder	22.5	0.95	1	1	63.704372
Type 3-3_str	BOBJ1	570.0586	Before	Left Exterior Girder	25.0586	0.95	1	1	63.79978
Type 3-3_str	BOBJ1	570.0586	Before	Interior Girder 1	25.0586	0.95	1	1	44.650736
Type 3-3_str	BOBJ1	570.0586	Before	Interior Girder 2	25.0586	0.95	1	1	44.650736
Type 3-3_str	BOBJ1	570.0586	Before	Right Exterior Girder	25.0586	0.95	1	1	63.799779
Type 3-3_str	BOBJ1	570.0586	After	Left Exterior Girder	25.0586	0.95	1	1	50.15357
Type 3-3_str	BOBJ1	570.0586	After	Interior Girder 1	25.0586	0.95	1	1	37.240847
Type 3-3_str	BOBJ1	570.0586	After	Interior Girder 2	25.0586	0.95	1	1	37.240847
Type 3-3_str	BOBJ1	570.0586	After	Right Exterior Girder	25.0586	0.95	1	1	50.15357
Type 3-3_str	BOBJ1	578.75	Before	Left Exterior Girder	33.75	0.95	1	1	50.438604
Type 3-3_str	BOBJ1	578.75	Before	Interior Girder 1	33.75	0.95	1	1	37.469315
Type 3-3_str	BOBJ1	578.75	Before	Interior Girder 2	33.75	0.95	1	1	37.469315
Type 3-3_str	BOBJ1	578.75	Before	Right Exterior Girder	33.75	0.95	1	1	50.438604
Type 3-3_str	BOBJ1	578.75	After	Left Exterior Girder	33.75	0.95	1	1	52.063415
Type 3-3_str	BOBJ1	578.75	After	Interior Girder 1	33.75	0.95	1	1	40.829769
Type 3-3_str	BOBJ1	578.75	After	Interior Girder 2	33.75	0.95	1	1	40.829769
Type 3-3_str	BOBJ1	578.75	After	Right Exterior Girder	33.75	0.95	1	1	52.063414
Type 3-3_str	BOBJ1	586.8142	Before	Left Exterior Girder	41.8142	0.95	1	1	52.335883
Type 3-3_str	BOBJ1	586.8142	Before	Interior Girder 1	41.8142	0.95	1	1	41.060372
Type 3-3_str	BOBJ1	586.8142	Before	Interior Girder 2	41.8142	0.95	1	1	41.060372
Type 3-3_str	BOBJ1	586.8142	Before	Right Exterior Girder	41.8142	0.95	1	1	52.335883
Type 3-3_str	BOBJ1	586.8142	After	Left Exterior Girder	41.8142	0.95	1	1	32.851976
Type 3-3_str	BOBJ1	586.8142	After	Interior Girder 1	41.8142	0.95	1	1	26.367236
Type 3-3_str	BOBJ1	586.8142	After	Interior Girder 2	41.8142	0.95	1	1	26.367236
Type 3-3_str	BOBJ1	586.8142	After	Right Exterior Girder	41.8142	0.95	1	1	32.851976
Type 3-3_str	BOBJ1	590	Before	Left Exterior Girder	45	0.95	1	1	32.936862
Type 3-3_str	BOBJ1	590	Before	Interior Girder 1	45	0.95	1	1	26.442081
Type 3-3_str	BOBJ1	590	Before	Interior Girder 2	45	0.95	1	1	26.442081
Type 3-3_str	BOBJ1	590	Before	Right Exterior Girder	45	0.95	1	1	32.936862
Type 3-3_str	BOBJ1	590	After	Left Exterior Girder	45	0.95	1	1	35.397435
Type 3-3_str	BOBJ1	590	After	Interior Girder 1	45	0.95	1	1	28.708186
Type 3-3_str	BOBJ1	590	After	Interior Girder 2	45	0.95	1	1	28.708186
Type 3-3_str	BOBJ1	590	After	Right Exterior Girder	45	0.95	1	1	35.397435
Type 3-3_str	BOBJ1	601.25	Before	Left Exterior Girder	56.25	0.95	1	1	35.71811
Type 3-3_str	BOBJ1	601.25	Before	Interior Girder 1	56.25	0.95	1	1	28.994413
Type 3-3_str	BOBJ1	601.25	Before	Interior Girder 2	56.25	0.95	1	1	28.994413
Type 3-3_str	BOBJ1	601.25	Before	Right Exterior Girder	56.25	0.95	1	1	35.71811
Type 3-3_str	BOBJ1	601.25	After	Left Exterior Girder	56.25	0.95	1	1	33.989564
Type 3-3_str	BOBJ1	601.25	After	Interior Girder 1	56.25	0.95	1	1	30.785136
Type 3-3_str	BOBJ1	601.25	After	Interior Girder 2	56.25	0.95	1	1	30.785136
Type 3-3_str	BOBJ1	601.25	After	Right Exterior Girder	56.25	0.95	1	1	33.989564
Type 3-3_str	BOBJ1	601.7478	Before	Left Exterior Girder	56.7478	0.95	1	1	34.003125
Type 3-3_str	BOBJ1	601.7478	Before	Interior Girder 1	56.7478	0.95	1	1	30.798476
Type 3-3_str	BOBJ1	601.7478	Before	Interior Girder 2	56.7478	0.95	1	1	30.798475
Type 3-3_str	BOBJ1	601.7478	Before	Right Exterior Girder	56.7478	0.95	1	1	34.003125
Type 3-3_str	BOBJ1	601.7478	After	Left Exterior Girder	56.7478	0.95	1	1	24.391663
Type 3-3_str	BOBJ1	601.7478	After	Interior Girder 1	56.7478	0.95	1	1	21.157915
Type 3-3_str	BOBJ1	601.7478	After	Interior Girder 2	56.7478	0.95	1	1	21.157915
Type 3-3_str	BOBJ1	601.7478	After	Right Exterior Girder	56.7478	0.95	1	1	24.391663
Type 3-3_str	BOBJ1	612.5	Before	Left Exterior Girder	67.5	0.95	1	1	24.653992
Type 3-3_str	BOBJ1	612.5	Before	Interior Girder 1	67.5	0.95	1	1	21.413486
Type 3-3_str	BOBJ1	612.5	Before	Interior Girder 2	67.5	0.95	1	1	21.413486
Type 3-3_str	BOBJ1	612.5	Before	Right Exterior Girder	67.5	0.95	1	1	24.653992
Type 3-3_str	BOBJ1	612.5	After	Left Exterior Girder	67.5	0.95	1	1	26.88025
Type 3-3_str	BOBJ1	612.5	After	Interior Girder 1	67.5	0.95	1	1	22.176734
Type 3-3_str	BOBJ1	612.5	After	Interior Girder 2	67.5	0.95	1	1	22.176734
Type 3-3_str	BOBJ1	612.5	After	Right Exterior Girder	67.5	0.95	1	1	26.88025

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Main Span Girders									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Type 3-3_str	BOBJ1	623.75	Before	Left Exterior Girder	78.75	0.95	1	1	27.177185
Type 3-3_str	BOBJ1	623.75	Before	Interior Girder 1	78.75	0.95	1	1	22.45188
Type 3-3_str	BOBJ1	623.75	Before	Interior Girder 2	78.75	0.95	1	1	22.451879
Type 3-3_str	BOBJ1	623.75	Before	Right Exterior Girder	78.75	0.95	1	1	27.177185
Type 3-3_str	BOBJ1	623.75	After	Left Exterior Girder	78.75	0.95	1	1	29.568753
Type 3-3_str	BOBJ1	623.75	After	Interior Girder 1	78.75	0.95	1	1	25.507031
Type 3-3_str	BOBJ1	623.75	After	Interior Girder 2	78.75	0.95	1	1	25.50703
Type 3-3_str	BOBJ1	623.75	After	Right Exterior Girder	78.75	0.95	1	1	29.568753
Type 3-3_str	BOBJ1	635	Before	Left Exterior Girder	90	0.95	1	1	29.88991
Type 3-3_str	BOBJ1	635	Before	Interior Girder 1	90	0.95	1	1	25.818131
Type 3-3_str	BOBJ1	635	Before	Interior Girder 2	90	0.95	1	1	25.81813
Type 3-3_str	BOBJ1	635	Before	Right Exterior Girder	90	0.95	1	1	29.88991
Type 3-3_str	BOBJ1	635	After	Left Exterior Girder	90	0.95	1	1	32.721756
Type 3-3_str	BOBJ1	635	After	Interior Girder 1	90	0.95	1	1	25.043626
Type 3-3_str	BOBJ1	635	After	Interior Girder 2	90	0.95	1	1	25.043625
Type 3-3_str	BOBJ1	635	After	Right Exterior Girder	90	0.95	1	1	32.721757
Type 3-3_str	BOBJ1	643.5619	Before	Left Exterior Girder	98.5619	0.95	1	1	32.987439
Type 3-3_str	BOBJ1	643.5619	Before	Interior Girder 1	98.5619	0.95	1	1	25.272033
Type 3-3_str	BOBJ1	643.5619	Before	Interior Girder 2	98.5619	0.95	1	1	25.272032
Type 3-3_str	BOBJ1	643.5619	Before	Right Exterior Girder	98.5619	0.95	1	1	32.98744
Type 3-3_str	BOBJ1	643.5619	After	Left Exterior Girder	98.5619	0.95	1	1	55.285917
Type 3-3_str	BOBJ1	643.5619	After	Interior Girder 1	98.5619	0.95	1	1	42.234125
Type 3-3_str	BOBJ1	643.5619	After	Interior Girder 2	98.5619	0.95	1	1	42.234124
Type 3-3_str	BOBJ1	643.5619	After	Right Exterior Girder	98.5619	0.95	1	1	55.285918
Type 3-3_str	BOBJ1	646.25	Before	Left Exterior Girder	101.25	0.95	1	1	55.391284
Type 3-3_str	BOBJ1	646.25	Before	Interior Girder 1	101.25	0.95	1	1	42.322505
Type 3-3_str	BOBJ1	646.25	Before	Interior Girder 2	101.25	0.95	1	1	42.322503
Type 3-3_str	BOBJ1	646.25	Before	Right Exterior Girder	101.25	0.95	1	1	55.391286
Type 3-3_str	BOBJ1	646.25	After	Left Exterior Girder	101.25	0.95	1	1	62.480184
Type 3-3_str	BOBJ1	646.25	After	Interior Girder 1	101.25	0.95	1	1	49.524943
Type 3-3_str	BOBJ1	646.25	After	Interior Girder 2	101.25	0.95	1	1	49.524941
Type 3-3_str	BOBJ1	646.25	After	Right Exterior Girder	101.25	0.95	1	1	62.480185
Type 3-3_str	BOBJ1	657.5	Before	Left Exterior Girder	112.5	0.95	1	1	62.976231
Type 3-3_str	BOBJ1	657.5	Before	Interior Girder 1	112.5	0.95	1	1	49.957322
Type 3-3_str	BOBJ1	657.5	Before	Interior Girder 2	112.5	0.95	1	1	49.95732
Type 3-3_str	BOBJ1	657.5	Before	Right Exterior Girder	112.5	0.95	1	1	62.976232
Type 3-3_str	BOBJ1	657.5	After	Left Exterior Girder	112.5	0.95	1	1	73.063943
Type 3-3_str	BOBJ1	657.5	After	Interior Girder 1	112.5	0.95	1	1	49.83271
Type 3-3_str	BOBJ1	657.5	After	Interior Girder 2	112.5	0.95	1	1	49.832717
Type 3-3_str	BOBJ1	657.5	After	Right Exterior Girder	112.5	0.95	1	1	73.063937
Type 3-3_str	BOBJ1	668.75	Before	Left Exterior Girder	123.75	0.95	1	1	73.636716
Type 3-3_str	BOBJ1	668.75	Before	Interior Girder 1	123.75	0.95	1	1	50.262497
Type 3-3_str	BOBJ1	668.75	Before	Interior Girder 2	123.75	0.95	1	1	50.262504
Type 3-3_str	BOBJ1	668.75	Before	Right Exterior Girder	123.75	0.95	1	1	73.636711
Type 3-3_str	BOBJ1	668.75	After	Left Exterior Girder	123.75	0.95	1	1	85.959535
Type 3-3_str	BOBJ1	668.75	After	Interior Girder 1	123.75	0.95	1	1	58.687016
Type 3-3_str	BOBJ1	668.75	After	Interior Girder 2	123.75	0.95	1	1	58.687025
Type 3-3_str	BOBJ1	668.75	After	Right Exterior Girder	123.75	0.95	1	1	85.959526
Type 3-3_str	BOBJ1	680	Before	Left Exterior Girder	135	0.95	1	1	86.625879
Type 3-3_str	BOBJ1	680	Before	Interior Girder 1	135	0.95	1	1	59.187482
Type 3-3_str	BOBJ1	680	Before	Interior Girder 2	135	0.95	1	1	59.187491
Type 3-3_str	BOBJ1	680	Before	Right Exterior Girder	135	0.95	1	1	86.62587
Type 3-3_str	BOBJ1	680	After	Left Exterior Girder	135	0.95	1	1	96.706495
Type 3-3_str	BOBJ1	680	After	Interior Girder 1	135	0.95	1	1	59.456739
Type 3-3_str	BOBJ1	680	After	Interior Girder 2	135	0.95	1	1	59.456736
Type 3-3_str	BOBJ1	680	After	Right Exterior Girder	135	0.95	1	1	96.706502
Type 3-3_str	BOBJ1	691.25	Before	Left Exterior Girder	146.25	0.95	1	1	95.988856
Type 3-3_str	BOBJ1	691.25	Before	Interior Girder 1	146.25	0.95	1	1	59.957782
Type 3-3_str	BOBJ1	691.25	Before	Interior Girder 2	146.25	0.95	1	1	59.95778
Type 3-3_str	BOBJ1	691.25	Before	Right Exterior Girder	146.25	0.95	1	1	95.988863
Type 3-3_str	BOBJ1	691.25	After	Left Exterior Girder	146.25	0.95	1	1	82.68365
Type 3-3_str	BOBJ1	691.25	After	Interior Girder 1	146.25	0.95	1	1	56.01749
Type 3-3_str	BOBJ1	691.25	After	Interior Girder 2	146.25	0.95	1	1	56.017493
Type 3-3_str	BOBJ1	691.25	After	Right Exterior Girder	146.25	0.95	1	1	82.683651
Type 3-3_str	BOBJ1	702.5	Before	Left Exterior Girder	157.5	0.95	1	1	82.063439
Type 3-3_str	BOBJ1	702.5	Before	Interior Girder 1	157.5	0.95	1	1	55.555121
Type 3-3_str	BOBJ1	702.5	Before	Interior Girder 2	157.5	0.95	1	1	55.555124
Type 3-3_str	BOBJ1	702.5	Before	Right Exterior Girder	157.5	0.95	1	1	82.063439

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Main Span Girders									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Type 3-3_str	BOBJ1	702.5	After	Left Exterior Girder	157.5	0.95	1	1	70.255854
Type 3-3_str	BOBJ1	702.5	After	Interior Girder 1	157.5	0.95	1	1	55.932254
Type 3-3_str	BOBJ1	702.5	After	Interior Girder 2	157.5	0.95	1	1	55.932256
Type 3-3_str	BOBJ1	702.5	After	Right Exterior Girder	157.5	0.95	1	1	70.255849
Type 3-3_str	BOBJ1	713.75	Before	Left Exterior Girder	168.75	0.95	1	1	69.722405
Type 3-3_str	BOBJ1	713.75	Before	Interior Girder 1	168.75	0.95	1	1	55.465194
Type 3-3_str	BOBJ1	713.75	Before	Interior Girder 2	168.75	0.95	1	1	55.465196
Type 3-3_str	BOBJ1	713.75	Before	Right Exterior Girder	168.75	0.95	1	1	69.7224
Type 3-3_str	BOBJ1	713.75	After	Left Exterior Girder	168.75	0.95	1	1	61.735897
Type 3-3_str	BOBJ1	713.75	After	Interior Girder 1	168.75	0.95	1	1	47.958447
Type 3-3_str	BOBJ1	713.75	After	Interior Girder 2	168.75	0.95	1	1	47.958448
Type 3-3_str	BOBJ1	713.75	After	Right Exterior Girder	168.75	0.95	1	1	61.735895
Type 3-3_str	BOBJ1	725	Before	Left Exterior Girder	180	0.95	1	1	61.261952
Type 3-3_str	BOBJ1	725	Before	Interior Girder 1	180	0.95	1	1	47.553523
Type 3-3_str	BOBJ1	725	Before	Interior Girder 2	180	0.95	1	1	47.553523
Type 3-3_str	BOBJ1	725	Before	Right Exterior Girder	180	0.95	1	1	61.261951
Type 3-3_str	BOBJ1	725	After	Left Exterior Girder	180	0.95	1	1	53.711317
Type 3-3_str	BOBJ1	725	After	Interior Girder 1	180	0.95	1	1	46.32109
Type 3-3_str	BOBJ1	725	After	Interior Girder 2	180	0.95	1	1	46.321088
Type 3-3_str	BOBJ1	725	After	Right Exterior Girder	180	0.95	1	1	53.711322
Type 3-3_str	BOBJ1	731.1726	Before	Left Exterior Girder	186.1726	0.95	1	1	53.482409
Type 3-3_str	BOBJ1	731.1726	Before	Interior Girder 1	186.1726	0.95	1	1	46.104117
Type 3-3_str	BOBJ1	731.1726	Before	Interior Girder 2	186.1726	0.95	1	1	46.104115
Type 3-3_str	BOBJ1	731.1726	Before	Right Exterior Girder	186.1726	0.95	1	1	53.482413
Type 3-3_str	BOBJ1	731.1726	After	Left Exterior Girder	186.1726	0.95	1	1	30.944238
Type 3-3_str	BOBJ1	731.1726	After	Interior Girder 1	186.1726	0.95	1	1	26.129293
Type 3-3_str	BOBJ1	731.1726	After	Interior Girder 2	186.1726	0.95	1	1	26.129292
Type 3-3_str	BOBJ1	731.1726	After	Right Exterior Girder	186.1726	0.95	1	1	30.94424
Type 3-3_str	BOBJ1	736.25	Before	Left Exterior Girder	191.25	0.95	1	1	30.801569
Type 3-3_str	BOBJ1	736.25	Before	Interior Girder 1	191.25	0.95	1	1	25.994103
Type 3-3_str	BOBJ1	736.25	Before	Interior Girder 2	191.25	0.95	1	1	25.994102
Type 3-3_str	BOBJ1	736.25	Before	Right Exterior Girder	191.25	0.95	1	1	30.801572
Type 3-3_str	BOBJ1	736.25	After	Left Exterior Girder	191.25	0.95	1	1	29.652884
Type 3-3_str	BOBJ1	736.25	After	Interior Girder 1	191.25	0.95	1	1	24.514731
Type 3-3_str	BOBJ1	736.25	After	Interior Girder 2	191.25	0.95	1	1	24.51473
Type 3-3_str	BOBJ1	736.25	After	Right Exterior Girder	191.25	0.95	1	1	29.652885
Type 3-3_str	BOBJ1	747.5	Before	Left Exterior Girder	202.5	0.95	1	1	29.347451
Type 3-3_str	BOBJ1	747.5	Before	Interior Girder 1	202.5	0.95	1	1	24.231231
Type 3-3_str	BOBJ1	747.5	Before	Interior Girder 2	202.5	0.95	1	1	24.23123
Type 3-3_str	BOBJ1	747.5	Before	Right Exterior Girder	202.5	0.95	1	1	29.347452
Type 3-3_str	BOBJ1	747.5	After	Left Exterior Girder	202.5	0.95	1	1	26.263438
Type 3-3_str	BOBJ1	747.5	After	Interior Girder 1	202.5	0.95	1	1	22.239222
Type 3-3_str	BOBJ1	747.5	After	Interior Girder 2	202.5	0.95	1	1	22.239221
Type 3-3_str	BOBJ1	747.5	After	Right Exterior Girder	202.5	0.95	1	1	26.263438
Type 3-3_str	BOBJ1	758.75	Before	Left Exterior Girder	213.75	0.95	1	1	25.987863
Type 3-3_str	BOBJ1	758.75	Before	Interior Girder 1	213.75	0.95	1	1	21.977582
Type 3-3_str	BOBJ1	758.75	Before	Interior Girder 2	213.75	0.95	1	1	21.977581
Type 3-3_str	BOBJ1	758.75	Before	Right Exterior Girder	213.75	0.95	1	1	25.987863
Type 3-3_str	BOBJ1	758.75	After	Left Exterior Girder	213.75	0.95	1	1	24.075936
Type 3-3_str	BOBJ1	758.75	After	Interior Girder 1	213.75	0.95	1	1	18.190971
Type 3-3_str	BOBJ1	758.75	After	Interior Girder 2	213.75	0.95	1	1	18.190969
Type 3-3_str	BOBJ1	758.75	After	Right Exterior Girder	213.75	0.95	1	1	24.075937
Type 3-3_str	BOBJ1	770	Before	Left Exterior Girder	225	0.95	1	1	23.819162
Type 3-3_str	BOBJ1	770	Before	Interior Girder 1	225	0.95	1	1	17.973394
Type 3-3_str	BOBJ1	770	Before	Interior Girder 2	225	0.95	1	1	17.973392
Type 3-3_str	BOBJ1	770	Before	Right Exterior Girder	225	0.95	1	1	23.819163
EV2_str	BOBJ1	0	After	Left Exterior Girder	0	0.95	1	1	29.573644
EV2_str	BOBJ1	0	After	Interior Girder 1	0	0.95	1	1	19.322639
EV2_str	BOBJ1	0	After	Interior Girder 2	0	0.95	1	1	19.32264
EV2_str	BOBJ1	0	After	Right Exterior Girder	0	0.95	1	1	29.573642
EV2_str	BOBJ1	11.25	Before	Left Exterior Girder	11.25	0.95	1	1	29.892452
EV2_str	BOBJ1	11.25	Before	Interior Girder 1	11.25	0.95	1	1	19.55655
EV2_str	BOBJ1	11.25	Before	Interior Girder 2	11.25	0.95	1	1	19.556551
EV2_str	BOBJ1	11.25	Before	Right Exterior Girder	11.25	0.95	1	1	29.89245
EV2_str	BOBJ1	11.25	After	Left Exterior Girder	11.25	0.95	1	1	32.279948
EV2_str	BOBJ1	11.25	After	Interior Girder 1	11.25	0.95	1	1	23.74317
EV2_str	BOBJ1	11.25	After	Interior Girder 2	11.25	0.95	1	1	23.743173
EV2_str	BOBJ1	11.25	After	Right Exterior Girder	11.25	0.95	1	1	32.279946

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Main Span Girders									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
EV2_str	BOBJ1	22.5	Before	Left Exterior Girder	22.5	0.95	1	1	32.622244
EV2_str	BOBJ1	22.5	Before	Interior Girder 1	22.5	0.95	1	1	24.02583
EV2_str	BOBJ1	22.5	Before	Interior Girder 2	22.5	0.95	1	1	24.025832
EV2_str	BOBJ1	22.5	Before	Right Exterior Girder	22.5	0.95	1	1	32.622241
EV2_str	BOBJ1	22.5	After	Left Exterior Girder	22.5	0.95	1	1	36.089713
EV2_str	BOBJ1	22.5	After	Interior Girder 1	22.5	0.95	1	1	26.166508
EV2_str	BOBJ1	22.5	After	Interior Girder 2	22.5	0.95	1	1	26.166507
EV2_str	BOBJ1	22.5	After	Right Exterior Girder	22.5	0.95	1	1	36.089713
EV2_str	BOBJ1	33.75	Before	Left Exterior Girder	33.75	0.95	1	1	36.465316
EV2_str	BOBJ1	33.75	Before	Interior Girder 1	33.75	0.95	1	1	26.47265
EV2_str	BOBJ1	33.75	Before	Interior Girder 2	33.75	0.95	1	1	26.472649
EV2_str	BOBJ1	33.75	Before	Right Exterior Girder	33.75	0.95	1	1	36.465316
EV2_str	BOBJ1	33.75	After	Left Exterior Girder	33.75	0.95	1	1	37.597597
EV2_str	BOBJ1	33.75	After	Interior Girder 1	33.75	0.95	1	1	28.099078
EV2_str	BOBJ1	33.75	After	Interior Girder 2	33.75	0.95	1	1	28.099077
EV2_str	BOBJ1	33.75	After	Right Exterior Girder	33.75	0.95	1	1	37.597598
EV2_str	BOBJ1	38.8274	Before	Left Exterior Girder	38.8274	0.95	1	1	37.771744
EV2_str	BOBJ1	38.8274	Before	Interior Girder 1	38.8274	0.95	1	1	28.245216
EV2_str	BOBJ1	38.8274	Before	Interior Girder 2	38.8274	0.95	1	1	28.245214
EV2_str	BOBJ1	38.8274	Before	Right Exterior Girder	38.8274	0.95	1	1	37.771745
EV2_str	BOBJ1	38.8274	After	Left Exterior Girder	38.8274	0.95	1	1	64.819532
EV2_str	BOBJ1	38.8274	After	Interior Girder 1	38.8274	0.95	1	1	49.713472
EV2_str	BOBJ1	38.8274	After	Interior Girder 2	38.8274	0.95	1	1	49.71347
EV2_str	BOBJ1	38.8274	After	Right Exterior Girder	38.8274	0.95	1	1	64.819535
EV2_str	BOBJ1	45	Before	Left Exterior Girder	45	0.95	1	1	65.096964
EV2_str	BOBJ1	45	Before	Interior Girder 1	45	0.95	1	1	49.947432
EV2_str	BOBJ1	45	Before	Interior Girder 2	45	0.95	1	1	49.94743
EV2_str	BOBJ1	45	Before	Right Exterior Girder	45	0.95	1	1	65.096967
EV2_str	BOBJ1	45	After	Left Exterior Girder	45	0.95	1	1	73.571057
EV2_str	BOBJ1	45	After	Interior Girder 1	45	0.95	1	1	50.735944
EV2_str	BOBJ1	45	After	Interior Girder 2	45	0.95	1	1	50.735939
EV2_str	BOBJ1	45	After	Right Exterior Girder	45	0.95	1	1	73.571059
EV2_str	BOBJ1	56.25	Before	Left Exterior Girder	56.25	0.95	1	1	74.140229
EV2_str	BOBJ1	56.25	Before	Interior Girder 1	56.25	0.95	1	1	51.167967
EV2_str	BOBJ1	56.25	Before	Interior Girder 2	56.25	0.95	1	1	51.167962
EV2_str	BOBJ1	56.25	Before	Right Exterior Girder	56.25	0.95	1	1	74.140231
EV2_str	BOBJ1	56.25	After	Left Exterior Girder	56.25	0.95	1	1	82.413382
EV2_str	BOBJ1	56.25	After	Interior Girder 1	56.25	0.95	1	1	58.551075
EV2_str	BOBJ1	56.25	After	Interior Girder 2	56.25	0.95	1	1	58.551069
EV2_str	BOBJ1	56.25	After	Right Exterior Girder	56.25	0.95	1	1	82.413384
EV2_str	BOBJ1	67.5	Before	Left Exterior Girder	67.5	0.95	1	1	83.04393
EV2_str	BOBJ1	67.5	Before	Interior Girder 1	67.5	0.95	1	1	59.04412
EV2_str	BOBJ1	67.5	Before	Interior Girder 2	67.5	0.95	1	1	59.044114
EV2_str	BOBJ1	67.5	Before	Right Exterior Girder	67.5	0.95	1	1	83.043932
EV2_str	BOBJ1	67.5	After	Left Exterior Girder	67.5	0.95	1	1	95.788977
EV2_str	BOBJ1	67.5	After	Interior Girder 1	67.5	0.95	1	1	57.907102
EV2_str	BOBJ1	67.5	After	Interior Girder 2	67.5	0.95	1	1	57.907105
EV2_str	BOBJ1	67.5	After	Right Exterior Girder	67.5	0.95	1	1	95.788956
EV2_str	BOBJ1	78.75	Before	Left Exterior Girder	78.75	0.95	1	1	96.512922
EV2_str	BOBJ1	78.75	Before	Interior Girder 1	78.75	0.95	1	1	58.389046
EV2_str	BOBJ1	78.75	Before	Interior Girder 2	78.75	0.95	1	1	58.389049
EV2_str	BOBJ1	78.75	Before	Right Exterior Girder	78.75	0.95	1	1	96.5129
EV2_str	BOBJ1	78.75	After	Left Exterior Girder	78.75	0.95	1	1	109.839333
EV2_str	BOBJ1	78.75	After	Interior Girder 1	78.75	0.95	1	1	60.111314
EV2_str	BOBJ1	78.75	After	Interior Girder 2	78.75	0.95	1	1	60.111309
EV2_str	BOBJ1	78.75	After	Right Exterior Girder	78.75	0.95	1	1	109.839303
EV2_str	BOBJ1	90	Before	Left Exterior Girder	90	0.95	1	1	110.660522
EV2_str	BOBJ1	90	Before	Interior Girder 1	90	0.95	1	1	59.608988
EV2_str	BOBJ1	90	Before	Interior Girder 2	90	0.95	1	1	59.608982
EV2_str	BOBJ1	90	Before	Right Exterior Girder	90	0.95	1	1	110.660492
EV2_str	BOBJ1	90	After	Left Exterior Girder	90	0.95	1	1	97.489287
EV2_str	BOBJ1	90	After	Interior Girder 1	90	0.95	1	1	61.027259
EV2_str	BOBJ1	90	After	Interior Girder 2	90	0.95	1	1	61.027247
EV2_str	BOBJ1	90	After	Right Exterior Girder	90	0.95	1	1	97.489297
EV2_str	BOBJ1	101.25	Before	Left Exterior Girder	101.25	0.95	1	1	96.73938
EV2_str	BOBJ1	101.25	Before	Interior Girder 1	101.25	0.95	1	1	60.511237
EV2_str	BOBJ1	101.25	Before	Interior Girder 2	101.25	0.95	1	1	60.511225
EV2_str	BOBJ1	101.25	Before	Right Exterior Girder	101.25	0.95	1	1	96.739389

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Main Span Girders

Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
EV2_str	BOBJ1	101.25	After	Left Exterior Girder	101.25	0.95	1	1	85.871937
EV2_str	BOBJ1	101.25	After	Interior Girder 1	101.25	0.95	1	1	53.012578
EV2_str	BOBJ1	101.25	After	Interior Girder 2	101.25	0.95	1	1	53.01257
EV2_str	BOBJ1	101.25	After	Right Exterior Girder	101.25	0.95	1	1	85.87194
EV2_str	BOBJ1	112.5	Before	Left Exterior Girder	112.5	0.95	1	1	85.203993
EV2_str	BOBJ1	112.5	Before	Interior Girder 1	112.5	0.95	1	1	52.559276
EV2_str	BOBJ1	112.5	Before	Interior Girder 2	112.5	0.95	1	1	52.559268
EV2_str	BOBJ1	112.5	Before	Right Exterior Girder	112.5	0.95	1	1	85.203996
EV2_str	BOBJ1	112.5	After	Left Exterior Girder	112.5	0.95	1	1	75.210492
EV2_str	BOBJ1	112.5	After	Interior Girder 1	112.5	0.95	1	1	53.580401
EV2_str	BOBJ1	112.5	After	Interior Girder 2	112.5	0.95	1	1	53.580404
EV2_str	BOBJ1	112.5	After	Right Exterior Girder	112.5	0.95	1	1	75.210487
EV2_str	BOBJ1	123.75	Before	Left Exterior Girder	123.75	0.95	1	1	74.618079
EV2_str	BOBJ1	123.75	Before	Interior Girder 1	123.75	0.95	1	1	53.116664
EV2_str	BOBJ1	123.75	Before	Interior Girder 2	123.75	0.95	1	1	53.116667
EV2_str	BOBJ1	123.75	Before	Right Exterior Girder	123.75	0.95	1	1	74.618074
EV2_str	BOBJ1	123.75	After	Left Exterior Girder	123.75	0.95	1	1	67.489313
EV2_str	BOBJ1	123.75	After	Interior Girder 1	123.75	0.95	1	1	46.276765
EV2_str	BOBJ1	123.75	After	Interior Girder 2	123.75	0.95	1	1	46.276768
EV2_str	BOBJ1	123.75	After	Right Exterior Girder	123.75	0.95	1	1	67.489309
EV2_str	BOBJ1	126.4381	Before	Left Exterior Girder	126.4381	0.95	1	1	67.360932
EV2_str	BOBJ1	126.4381	Before	Interior Girder 1	126.4381	0.95	1	1	46.180128
EV2_str	BOBJ1	126.4381	Before	Interior Girder 2	126.4381	0.95	1	1	46.180131
EV2_str	BOBJ1	126.4381	Before	Right Exterior Girder	126.4381	0.95	1	1	67.360928
EV2_str	BOBJ1	126.4381	After	Left Exterior Girder	126.4381	0.95	1	1	40.417779
EV2_str	BOBJ1	126.4381	After	Interior Girder 1	126.4381	0.95	1	1	27.608069
EV2_str	BOBJ1	126.4381	After	Interior Girder 2	126.4381	0.95	1	1	27.608071
EV2_str	BOBJ1	126.4381	After	Right Exterior Girder	126.4381	0.95	1	1	40.417776
EV2_str	BOBJ1	135	Before	Left Exterior Girder	135	0.95	1	1	40.092251
EV2_str	BOBJ1	135	Before	Interior Girder 1	135	0.95	1	1	27.358549
EV2_str	BOBJ1	135	Before	Interior Girder 2	135	0.95	1	1	27.358551
EV2_str	BOBJ1	135	Before	Right Exterior Girder	135	0.95	1	1	40.092249
EV2_str	BOBJ1	135	After	Left Exterior Girder	135	0.95	1	1	37.060974
EV2_str	BOBJ1	135	After	Interior Girder 1	135	0.95	1	1	28.549412
EV2_str	BOBJ1	135	After	Interior Girder 2	135	0.95	1	1	28.549414
EV2_str	BOBJ1	135	After	Right Exterior Girder	135	0.95	1	1	37.060972
EV2_str	BOBJ1	146.25	Before	Left Exterior Girder	146.25	0.95	1	1	36.662766
EV2_str	BOBJ1	146.25	Before	Interior Girder 1	146.25	0.95	1	1	28.205402
EV2_str	BOBJ1	146.25	Before	Interior Girder 2	146.25	0.95	1	1	28.205404
EV2_str	BOBJ1	146.25	Before	Right Exterior Girder	146.25	0.95	1	1	36.662765
EV2_str	BOBJ1	146.25	After	Left Exterior Girder	146.25	0.95	1	1	34.111236
EV2_str	BOBJ1	146.25	After	Interior Girder 1	146.25	0.95	1	1	25.003585
EV2_str	BOBJ1	146.25	After	Interior Girder 2	146.25	0.95	1	1	25.003587
EV2_str	BOBJ1	146.25	After	Right Exterior Girder	146.25	0.95	1	1	34.111234
EV2_str	BOBJ1	157.5	Before	Left Exterior Girder	157.5	0.95	1	1	33.73854
EV2_str	BOBJ1	157.5	Before	Interior Girder 1	157.5	0.95	1	1	24.697169
EV2_str	BOBJ1	157.5	Before	Interior Girder 2	157.5	0.95	1	1	24.697171
EV2_str	BOBJ1	157.5	Before	Right Exterior Girder	157.5	0.95	1	1	33.738538
EV2_str	BOBJ1	157.5	After	Left Exterior Girder	157.5	0.95	1	1	31.297461
EV2_str	BOBJ1	157.5	After	Interior Girder 1	157.5	0.95	1	1	24.148592
EV2_str	BOBJ1	157.5	After	Interior Girder 2	157.5	0.95	1	1	24.14859
EV2_str	BOBJ1	157.5	After	Right Exterior Girder	157.5	0.95	1	1	31.297461
EV2_str	BOBJ1	168.2522	Before	Left Exterior Girder	168.2522	0.95	1	1	30.964443
EV2_str	BOBJ1	168.2522	Before	Interior Girder 1	168.2522	0.95	1	1	23.860377
EV2_str	BOBJ1	168.2522	Before	Interior Girder 2	168.2522	0.95	1	1	23.860375
EV2_str	BOBJ1	168.2522	Before	Right Exterior Girder	168.2522	0.95	1	1	30.964442
EV2_str	BOBJ1	168.2522	After	Left Exterior Girder	168.2522	0.95	1	1	41.783364
EV2_str	BOBJ1	168.2522	After	Interior Girder 1	168.2522	0.95	1	1	31.865891
EV2_str	BOBJ1	168.2522	After	Interior Girder 2	168.2522	0.95	1	1	31.86589
EV2_str	BOBJ1	168.2522	After	Right Exterior Girder	168.2522	0.95	1	1	41.783363
EV2_str	BOBJ1	168.75	Before	Left Exterior Girder	168.75	0.95	1	1	41.7667
EV2_str	BOBJ1	168.75	Before	Interior Girder 1	168.75	0.95	1	1	31.85209
EV2_str	BOBJ1	168.75	Before	Interior Girder 2	168.75	0.95	1	1	31.852088
EV2_str	BOBJ1	168.75	Before	Right Exterior Girder	168.75	0.95	1	1	41.766699
EV2_str	BOBJ1	168.75	After	Left Exterior Girder	168.75	0.95	1	1	45.696892
EV2_str	BOBJ1	168.75	After	Interior Girder 1	168.75	0.95	1	1	32.974848
EV2_str	BOBJ1	168.75	After	Interior Girder 2	168.75	0.95	1	1	32.974846
EV2_str	BOBJ1	168.75	After	Right Exterior Girder	168.75	0.95	1	1	45.696891

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Main Span Girders									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
EV2_str	BOBJ1	180	Before	Left Exterior Girder	180	0.95	1	1	45.286628
EV2_str	BOBJ1	180	Before	Interior Girder 1	180	0.95	1	1	32.649327
EV2_str	BOBJ1	180	Before	Interior Girder 2	180	0.95	1	1	32.649325
EV2_str	BOBJ1	180	Before	Right Exterior Girder	180	0.95	1	1	45.286627
EV2_str	BOBJ1	180	After	Left Exterior Girder	180	0.95	1	1	42.292911
EV2_str	BOBJ1	180	After	Interior Girder 1	180	0.95	1	1	30.277316
EV2_str	BOBJ1	180	After	Interior Girder 2	180	0.95	1	1	30.277314
EV2_str	BOBJ1	180	After	Right Exterior Girder	180	0.95	1	1	42.292913
EV2_str	BOBJ1	183.1858	Before	Left Exterior Girder	183.1858	0.95	1	1	42.183912
EV2_str	BOBJ1	183.1858	Before	Interior Girder 1	183.1858	0.95	1	1	30.191615
EV2_str	BOBJ1	183.1858	Before	Interior Girder 2	183.1858	0.95	1	1	30.191613
EV2_str	BOBJ1	183.1858	Before	Right Exterior Girder	183.1858	0.95	1	1	42.183915
EV2_str	BOBJ1	183.1858	After	Left Exterior Girder	183.1858	0.95	1	1	67.420338
EV2_str	BOBJ1	183.1858	After	Interior Girder 1	183.1858	0.95	1	1	47.042061
EV2_str	BOBJ1	183.1858	After	Interior Girder 2	183.1858	0.95	1	1	47.042059
EV2_str	BOBJ1	183.1858	After	Right Exterior Girder	183.1858	0.95	1	1	67.420342
EV2_str	BOBJ1	191.25	Before	Left Exterior Girder	191.25	0.95	1	1	67.069337
EV2_str	BOBJ1	191.25	Before	Interior Girder 1	191.25	0.95	1	1	46.777864
EV2_str	BOBJ1	191.25	Before	Interior Girder 2	191.25	0.95	1	1	46.777862
EV2_str	BOBJ1	191.25	Before	Right Exterior Girder	191.25	0.95	1	1	67.069341
EV2_str	BOBJ1	191.25	After	Left Exterior Girder	191.25	0.95	1	1	65.377857
EV2_str	BOBJ1	191.25	After	Interior Girder 1	191.25	0.95	1	1	43.364308
EV2_str	BOBJ1	191.25	After	Interior Girder 2	191.25	0.95	1	1	43.364307
EV2_str	BOBJ1	191.25	After	Right Exterior Girder	191.25	0.95	1	1	65.37786
EV2_str	BOBJ1	199.9414	Before	Left Exterior Girder	199.9414	0.95	1	1	65.008399
EV2_str	BOBJ1	199.9414	Before	Interior Girder 1	199.9414	0.95	1	1	43.099895
EV2_str	BOBJ1	199.9414	Before	Interior Girder 2	199.9414	0.95	1	1	43.099894
EV2_str	BOBJ1	199.9414	Before	Right Exterior Girder	199.9414	0.95	1	1	65.008402
EV2_str	BOBJ1	199.9414	After	Left Exterior Girder	199.9414	0.95	1	1	82.918322
EV2_str	BOBJ1	199.9414	After	Interior Girder 1	199.9414	0.95	1	1	52.396288
EV2_str	BOBJ1	199.9414	After	Interior Girder 2	199.9414	0.95	1	1	52.396287
EV2_str	BOBJ1	199.9414	After	Right Exterior Girder	199.9414	0.95	1	1	82.918325
EV2_str	BOBJ1	202.5	Before	Left Exterior Girder	202.5	0.95	1	1	82.794324
EV2_str	BOBJ1	202.5	Before	Interior Girder 1	202.5	0.95	1	1	52.312746
EV2_str	BOBJ1	202.5	Before	Interior Girder 2	202.5	0.95	1	1	52.312745
EV2_str	BOBJ1	202.5	Before	Right Exterior Girder	202.5	0.95	1	1	82.794327
EV2_str	BOBJ1	202.5	After	Left Exterior Girder	202.5	0.95	1	1	83.486851
EV2_str	BOBJ1	202.5	After	Interior Girder 1	202.5	0.95	1	1	52.811392
EV2_str	BOBJ1	202.5	After	Interior Girder 2	202.5	0.95	1	1	52.811391
EV2_str	BOBJ1	202.5	After	Right Exterior Girder	202.5	0.95	1	1	83.486853
EV2_str	BOBJ1	210.5642	Before	Left Exterior Girder	210.5642	0.95	1	1	83.09237
EV2_str	BOBJ1	210.5642	Before	Interior Girder 1	210.5642	0.95	1	1	52.545092
EV2_str	BOBJ1	210.5642	Before	Interior Girder 2	210.5642	0.95	1	1	52.545091
EV2_str	BOBJ1	210.5642	Before	Right Exterior Girder	210.5642	0.95	1	1	83.092372
EV2_str	BOBJ1	210.5642	After	Left Exterior Girder	210.5642	0.95	1	1	100.889103
EV2_str	BOBJ1	210.5642	After	Interior Girder 1	210.5642	0.95	1	1	61.200924
EV2_str	BOBJ1	210.5642	After	Interior Girder 2	210.5642	0.95	1	1	61.200924
EV2_str	BOBJ1	210.5642	After	Right Exterior Girder	210.5642	0.95	1	1	100.889106
EV2_str	BOBJ1	213.75	Before	Left Exterior Girder	213.75	0.95	1	1	100.713809
EV2_str	BOBJ1	213.75	Before	Interior Girder 1	213.75	0.95	1	1	61.088403
EV2_str	BOBJ1	213.75	Before	Interior Girder 2	213.75	0.95	1	1	61.088402
EV2_str	BOBJ1	213.75	Before	Right Exterior Girder	213.75	0.95	1	1	100.713811
EV2_str	BOBJ1	213.75	After	Left Exterior Girder	213.75	0.95	1	1	100.896655
EV2_str	BOBJ1	213.75	After	Interior Girder 1	213.75	0.95	1	1	59.579793
EV2_str	BOBJ1	213.75	After	Interior Girder 2	213.75	0.95	1	1	59.579792
EV2_str	BOBJ1	213.75	After	Right Exterior Girder	213.75	0.95	1	1	100.896658
EV2_str	BOBJ1	225	Before	Left Exterior Girder	225	0.95	1	1	100.276017
EV2_str	BOBJ1	225	Before	Interior Girder 1	225	0.95	1	1	59.191875
EV2_str	BOBJ1	225	Before	Interior Girder 2	225	0.95	1	1	59.191875
EV2_str	BOBJ1	225	Before	Right Exterior Girder	225	0.95	1	1	100.27602
EV2_str	BOBJ1	225	After	Left Exterior Girder	0	0.95	1	1	94.317225
EV2_str	BOBJ1	225	After	Interior Girder 1	0	0.95	1	1	55.757994
EV2_str	BOBJ1	225	After	Interior Girder 2	0	0.95	1	1	55.757994
EV2_str	BOBJ1	225	After	Right Exterior Girder	0	0.95	1	1	94.317224
EV2_str	BOBJ1	236.45	Before	Left Exterior Girder	11.45	0.95	1	1	97.016524
EV2_str	BOBJ1	236.45	Before	Interior Girder 1	11.45	0.95	1	1	59.551797
EV2_str	BOBJ1	236.45	Before	Interior Girder 2	11.45	0.95	1	1	59.551797
EV2_str	BOBJ1	236.45	Before	Right Exterior Girder	11.45	0.95	1	1	97.016523

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Main Span Girders									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
EV2_str	BOBJ1	236.45	After	Left Exterior Girder	11.45	0.95	1	1	96.829942
EV2_str	BOBJ1	236.45	After	Interior Girder 1	11.45	0.95	1	1	60.14124
EV2_str	BOBJ1	236.45	After	Interior Girder 2	11.45	0.95	1	1	60.141241
EV2_str	BOBJ1	236.45	After	Right Exterior Girder	11.45	0.95	1	1	96.829941
EV2_str	BOBJ1	239.5082	Before	Left Exterior Girder	14.5082	0.95	1	1	96.993426
EV2_str	BOBJ1	239.5082	Before	Interior Girder 1	14.5082	0.95	1	1	60.248647
EV2_str	BOBJ1	239.5082	Before	Interior Girder 2	14.5082	0.95	1	1	60.248648
EV2_str	BOBJ1	239.5082	Before	Right Exterior Girder	14.5082	0.95	1	1	96.993425
EV2_str	BOBJ1	239.5082	After	Left Exterior Girder	14.5082	0.95	1	1	79.52059
EV2_str	BOBJ1	239.5082	After	Interior Girder 1	14.5082	0.95	1	1	51.669412
EV2_str	BOBJ1	239.5082	After	Interior Girder 2	14.5082	0.95	1	1	51.669412
EV2_str	BOBJ1	239.5082	After	Right Exterior Girder	14.5082	0.95	1	1	79.520589
EV2_str	BOBJ1	247.9	Before	Left Exterior Girder	22.9	0.95	1	1	79.918621
EV2_str	BOBJ1	247.9	Before	Interior Girder 1	22.9	0.95	1	1	51.945374
EV2_str	BOBJ1	247.9	Before	Interior Girder 2	22.9	0.95	1	1	51.945374
EV2_str	BOBJ1	247.9	Before	Right Exterior Girder	22.9	0.95	1	1	79.91862
EV2_str	BOBJ1	247.9	After	Left Exterior Girder	22.9	0.95	1	1	82.817152
EV2_str	BOBJ1	247.9	After	Interior Girder 1	22.9	0.95	1	1	55.402961
EV2_str	BOBJ1	247.9	After	Interior Girder 2	22.9	0.95	1	1	55.402961
EV2_str	BOBJ1	247.9	After	Right Exterior Girder	22.9	0.95	1	1	82.817151
EV2_str	BOBJ1	258.5189	Before	Left Exterior Girder	33.5189	0.95	1	1	83.337894
EV2_str	BOBJ1	258.5189	Before	Interior Girder 1	33.5189	0.95	1	1	55.774655
EV2_str	BOBJ1	258.5189	Before	Interior Girder 2	33.5189	0.95	1	1	55.774656
EV2_str	BOBJ1	258.5189	Before	Right Exterior Girder	33.5189	0.95	1	1	83.337893
EV2_str	BOBJ1	258.5189	After	Left Exterior Girder	33.5189	0.95	1	1	61.238223
EV2_str	BOBJ1	258.5189	After	Interior Girder 1	33.5189	0.95	1	1	43.804814
EV2_str	BOBJ1	258.5189	After	Interior Girder 2	33.5189	0.95	1	1	43.804814
EV2_str	BOBJ1	258.5189	After	Right Exterior Girder	33.5189	0.95	1	1	61.238221
EV2_str	BOBJ1	259.3	Before	Left Exterior Girder	34.3	0.95	1	1	61.269909
EV2_str	BOBJ1	259.3	Before	Interior Girder 1	34.3	0.95	1	1	43.8291
EV2_str	BOBJ1	259.3	Before	Interior Girder 2	34.3	0.95	1	1	43.8291
EV2_str	BOBJ1	259.3	Before	Right Exterior Girder	34.3	0.95	1	1	61.269907
EV2_str	BOBJ1	259.3	After	Left Exterior Girder	34.3	0.95	1	1	63.973531
EV2_str	BOBJ1	259.3	After	Interior Girder 1	34.3	0.95	1	1	45.017281
EV2_str	BOBJ1	259.3	After	Interior Girder 2	34.3	0.95	1	1	45.017281
EV2_str	BOBJ1	259.3	After	Right Exterior Girder	34.3	0.95	1	1	63.973529
EV2_str	BOBJ1	266.1031	Before	Left Exterior Girder	41.1031	0.95	1	1	64.26046
EV2_str	BOBJ1	266.1031	Before	Interior Girder 1	41.1031	0.95	1	1	45.235074
EV2_str	BOBJ1	266.1031	Before	Interior Girder 2	41.1031	0.95	1	1	45.235075
EV2_str	BOBJ1	266.1031	Before	Right Exterior Girder	41.1031	0.95	1	1	64.260459
EV2_str	BOBJ1	266.1031	After	Left Exterior Girder	41.1031	0.95	1	1	40.294792
EV2_str	BOBJ1	266.1031	After	Interior Girder 1	41.1031	0.95	1	1	29.248871
EV2_str	BOBJ1	266.1031	After	Interior Girder 2	41.1031	0.95	1	1	29.248871
EV2_str	BOBJ1	266.1031	After	Right Exterior Girder	41.1031	0.95	1	1	40.294791
EV2_str	BOBJ1	270.7	Before	Left Exterior Girder	45.7	0.95	1	1	40.448959
EV2_str	BOBJ1	270.7	Before	Interior Girder 1	45.7	0.95	1	1	29.371863
EV2_str	BOBJ1	270.7	Before	Interior Girder 2	45.7	0.95	1	1	29.371863
EV2_str	BOBJ1	270.7	Before	Right Exterior Girder	45.7	0.95	1	1	40.448958
EV2_str	BOBJ1	270.7	After	Left Exterior Girder	45.7	0.95	1	1	40.84984
EV2_str	BOBJ1	270.7	After	Interior Girder 1	45.7	0.95	1	1	28.474764
EV2_str	BOBJ1	270.7	After	Interior Girder 2	45.7	0.95	1	1	28.474764
EV2_str	BOBJ1	270.7	After	Right Exterior Girder	45.7	0.95	1	1	40.849839
EV2_str	BOBJ1	273.6874	Before	Left Exterior Girder	48.6874	0.95	1	1	40.950831
EV2_str	BOBJ1	273.6874	Before	Interior Girder 1	48.6874	0.95	1	1	28.55201
EV2_str	BOBJ1	273.6874	Before	Interior Girder 2	48.6874	0.95	1	1	28.552011
EV2_str	BOBJ1	273.6874	Before	Right Exterior Girder	48.6874	0.95	1	1	40.950829
EV2_str	BOBJ1	273.6874	After	Left Exterior Girder	48.6874	0.95	1	1	26.976202
EV2_str	BOBJ1	273.6874	After	Interior Girder 1	48.6874	0.95	1	1	19.779883
EV2_str	BOBJ1	273.6874	After	Interior Girder 2	48.6874	0.95	1	1	19.779883
EV2_str	BOBJ1	273.6874	After	Right Exterior Girder	48.6874	0.95	1	1	26.9762
EV2_str	BOBJ1	282.15	Before	Left Exterior Girder	57.15	0.95	1	1	27.217557
EV2_str	BOBJ1	282.15	Before	Interior Girder 1	57.15	0.95	1	1	19.978392
EV2_str	BOBJ1	282.15	Before	Interior Girder 2	57.15	0.95	1	1	19.978392
EV2_str	BOBJ1	282.15	Before	Right Exterior Girder	57.15	0.95	1	1	27.217556
EV2_str	BOBJ1	282.15	After	Left Exterior Girder	57.15	0.95	1	1	27.59518
EV2_str	BOBJ1	282.15	After	Interior Girder 1	57.15	0.95	1	1	20.839329
EV2_str	BOBJ1	282.15	After	Interior Girder 2	57.15	0.95	1	1	20.839329
EV2_str	BOBJ1	282.15	After	Right Exterior Girder	57.15	0.95	1	1	27.595179

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Main Span Girders									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
EV2_str	BOBJ1	293.6	Before	Left Exterior Girder	68.6	0.95	1	1	29.113489
EV2_str	BOBJ1	293.6	Before	Interior Girder 1	68.6	0.95	1	1	22.774136
EV2_str	BOBJ1	293.6	Before	Interior Girder 2	68.6	0.95	1	1	22.774137
EV2_str	BOBJ1	293.6	Before	Right Exterior Girder	68.6	0.95	1	1	29.113488
EV2_str	BOBJ1	293.6	After	Left Exterior Girder	68.6	0.95	1	1	29.762832
EV2_str	BOBJ1	293.6	After	Interior Girder 1	68.6	0.95	1	1	21.512847
EV2_str	BOBJ1	293.6	After	Interior Girder 2	68.6	0.95	1	1	21.512848
EV2_str	BOBJ1	293.6	After	Right Exterior Girder	68.6	0.95	1	1	29.762834
EV2_str	BOBJ1	305	Before	Left Exterior Girder	80	0.95	1	1	31.523423
EV2_str	BOBJ1	305	Before	Interior Girder 1	80	0.95	1	1	23.394736
EV2_str	BOBJ1	305	Before	Interior Girder 2	80	0.95	1	1	23.394736
EV2_str	BOBJ1	305	Before	Right Exterior Girder	80	0.95	1	1	31.523425
EV2_str	BOBJ1	305	After	Left Exterior Girder	80	0.95	1	1	30.904717
EV2_str	BOBJ1	305	After	Interior Girder 1	80	0.95	1	1	23.427752
EV2_str	BOBJ1	305	After	Interior Girder 2	80	0.95	1	1	23.427751
EV2_str	BOBJ1	305	After	Right Exterior Girder	80	0.95	1	1	30.90472
EV2_str	BOBJ1	306.9561	Before	Left Exterior Girder	81.9561	0.95	1	1	30.965723
EV2_str	BOBJ1	306.9561	Before	Interior Girder 1	81.9561	0.95	1	1	23.479246
EV2_str	BOBJ1	306.9561	Before	Interior Girder 2	81.9561	0.95	1	1	23.479245
EV2_str	BOBJ1	306.9561	Before	Right Exterior Girder	81.9561	0.95	1	1	30.965726
EV2_str	BOBJ1	306.9561	After	Left Exterior Girder	81.9561	0.95	1	1	56.543299
EV2_str	BOBJ1	306.9561	After	Interior Girder 1	81.9561	0.95	1	1	43.786083
EV2_str	BOBJ1	306.9561	After	Interior Girder 2	81.9561	0.95	1	1	43.786083
EV2_str	BOBJ1	306.9561	After	Right Exterior Girder	81.9561	0.95	1	1	56.543305
EV2_str	BOBJ1	316.4	Before	Left Exterior Girder	91.4	0.95	1	1	56.949972
EV2_str	BOBJ1	316.4	Before	Interior Girder 1	91.4	0.95	1	1	44.131226
EV2_str	BOBJ1	316.4	Before	Interior Girder 2	91.4	0.95	1	1	44.131226
EV2_str	BOBJ1	316.4	Before	Right Exterior Girder	91.4	0.95	1	1	56.949977
EV2_str	BOBJ1	316.4	After	Left Exterior Girder	91.4	0.95	1	1	58.435026
EV2_str	BOBJ1	316.4	After	Interior Girder 1	91.4	0.95	1	1	40.623299
EV2_str	BOBJ1	316.4	After	Interior Girder 2	91.4	0.95	1	1	40.623299
EV2_str	BOBJ1	316.4	After	Right Exterior Girder	91.4	0.95	1	1	58.435028
EV2_str	BOBJ1	327.85	Before	Left Exterior Girder	102.9679	0.95	1	1	62.038169
EV2_str	BOBJ1	327.85	Before	Interior Girder 1	102.9679	0.95	1	1	44.314386
EV2_str	BOBJ1	327.85	Before	Interior Girder 2	102.9679	0.95	1	1	44.314387
EV2_str	BOBJ1	327.85	Before	Right Exterior Girder	102.9679	0.95	1	1	62.038171
EV2_str	BOBJ1	327.85	After	Left Exterior Girder	102.9679	0.95	1	1	96.516355
EV2_str	BOBJ1	327.85	After	Interior Girder 1	102.9679	0.95	1	1	69.305077
EV2_str	BOBJ1	327.85	After	Interior Girder 2	102.9679	0.95	1	1	69.305079
EV2_str	BOBJ1	327.85	After	Right Exterior Girder	102.9679	0.95	1	1	96.516357
EV2_str	BOBJ1	339.3	Before	Left Exterior Girder	114.3	0.95	1	1	102.222756
EV2_str	BOBJ1	339.3	Before	Interior Girder 1	114.3	0.95	1	1	75.493549
EV2_str	BOBJ1	339.3	Before	Interior Girder 2	114.3	0.95	1	1	75.493551
EV2_str	BOBJ1	339.3	Before	Right Exterior Girder	114.3	0.95	1	1	102.222758
EV2_str	BOBJ1	339.3	After	Left Exterior Girder	114.3	0.95	1	1	105.380129
EV2_str	BOBJ1	339.3	After	Interior Girder 1	114.3	0.95	1	1	68.631153
EV2_str	BOBJ1	339.3	After	Interior Girder 2	114.3	0.95	1	1	68.631151
EV2_str	BOBJ1	339.3	After	Right Exterior Girder	114.3	0.95	1	1	105.380126
EV2_str	BOBJ1	350.7	Before	Left Exterior Girder	125.7	0.95	1	1	112.263241
EV2_str	BOBJ1	350.7	Before	Interior Girder 1	125.7	0.95	1	1	74.955031
EV2_str	BOBJ1	350.7	Before	Interior Girder 2	125.7	0.95	1	1	74.955028
EV2_str	BOBJ1	350.7	Before	Right Exterior Girder	125.7	0.95	1	1	112.263237
EV2_str	BOBJ1	350.7	After	Left Exterior Girder	125.7	0.95	1	1	114.678405
EV2_str	BOBJ1	350.7	After	Interior Girder 1	125.7	0.95	1	1	76.477941
EV2_str	BOBJ1	350.7	After	Interior Girder 2	125.7	0.95	1	1	76.477939
EV2_str	BOBJ1	350.7	After	Right Exterior Girder	125.7	0.95	1	1	114.678403
EV2_str	BOBJ1	362.1	Before	Left Exterior Girder	137.1	0.95	1	1	122.532704
EV2_str	BOBJ1	362.1	Before	Interior Girder 1	137.1	0.95	1	1	83.74375
EV2_str	BOBJ1	362.1	Before	Interior Girder 2	137.1	0.95	1	1	83.743749
EV2_str	BOBJ1	362.1	Before	Right Exterior Girder	137.1	0.95	1	1	122.532704
EV2_str	BOBJ1	362.1	After	Left Exterior Girder	137.1	0.95	1	1	127.292129
EV2_str	BOBJ1	362.1	After	Interior Girder 1	137.1	0.95	1	1	75.241418
EV2_str	BOBJ1	362.1	After	Interior Girder 2	137.1	0.95	1	1	75.241419
EV2_str	BOBJ1	362.1	After	Right Exterior Girder	137.1	0.95	1	1	127.29212
EV2_str	BOBJ1	373.55	Before	Left Exterior Girder	148.55	0.95	1	1	136.959517
EV2_str	BOBJ1	373.55	Before	Interior Girder 1	148.55	0.95	1	1	82.488049
EV2_str	BOBJ1	373.55	Before	Interior Girder 2	148.55	0.95	1	1	82.488049
EV2_str	BOBJ1	373.55	Before	Right Exterior Girder	148.55	0.95	1	1	136.959505

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Main Span Girders

Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
EV2_str	BOBJ1	373.55	After	Left Exterior Girder	148.55	0.95	1	1	140.632308
EV2_str	BOBJ1	373.55	After	Interior Girder 1	148.55	0.95	1	1	84.207189
EV2_str	BOBJ1	373.55	After	Interior Girder 2	148.55	0.95	1	1	84.207189
EV2_str	BOBJ1	373.55	After	Right Exterior Girder	148.55	0.95	1	1	140.632295
EV2_str	BOBJ1	385	Before	Left Exterior Girder	160	0.95	1	1	152.158528
EV2_str	BOBJ1	385	Before	Interior Girder 1	160	0.95	1	1	82.427162
EV2_str	BOBJ1	385	Before	Interior Girder 2	160	0.95	1	1	82.42716
EV2_str	BOBJ1	385	Before	Right Exterior Girder	160	0.95	1	1	152.158511
EV2_str	BOBJ1	385	After	Left Exterior Girder	160	0.95	1	1	152.158512
EV2_str	BOBJ1	385	After	Interior Girder 1	160	0.95	1	1	82.427156
EV2_str	BOBJ1	385	After	Interior Girder 2	160	0.95	1	1	82.427159
EV2_str	BOBJ1	385	After	Right Exterior Girder	160	0.95	1	1	152.15853
EV2_str	BOBJ1	396.45	Before	Left Exterior Girder	171.45	0.95	1	1	140.632293
EV2_str	BOBJ1	396.45	Before	Interior Girder 1	171.45	0.95	1	1	84.207192
EV2_str	BOBJ1	396.45	Before	Interior Girder 2	171.45	0.95	1	1	84.207191
EV2_str	BOBJ1	396.45	Before	Right Exterior Girder	171.45	0.95	1	1	140.632307
EV2_str	BOBJ1	396.45	After	Left Exterior Girder	171.45	0.95	1	1	136.959501
EV2_str	BOBJ1	396.45	After	Interior Girder 1	171.45	0.95	1	1	82.488052
EV2_str	BOBJ1	396.45	After	Interior Girder 2	171.45	0.95	1	1	82.488051
EV2_str	BOBJ1	396.45	After	Right Exterior Girder	171.45	0.95	1	1	136.959514
EV2_str	BOBJ1	407.9	Before	Left Exterior Girder	182.9	0.95	1	1	127.292117
EV2_str	BOBJ1	407.9	Before	Interior Girder 1	182.9	0.95	1	1	75.241424
EV2_str	BOBJ1	407.9	Before	Interior Girder 2	182.9	0.95	1	1	75.241421
EV2_str	BOBJ1	407.9	Before	Right Exterior Girder	182.9	0.95	1	1	127.292127
EV2_str	BOBJ1	407.9	After	Left Exterior Girder	182.9	0.95	1	1	122.532693
EV2_str	BOBJ1	407.9	After	Interior Girder 1	182.9	0.95	1	1	83.743756
EV2_str	BOBJ1	407.9	After	Interior Girder 2	182.9	0.95	1	1	83.743753
EV2_str	BOBJ1	407.9	After	Right Exterior Girder	182.9	0.95	1	1	122.532697
EV2_str	BOBJ1	419.3	Before	Left Exterior Girder	194.3	0.95	1	1	114.678394
EV2_str	BOBJ1	419.3	Before	Interior Girder 1	194.3	0.95	1	1	76.477944
EV2_str	BOBJ1	419.3	Before	Interior Girder 2	194.3	0.95	1	1	76.477942
EV2_str	BOBJ1	419.3	Before	Right Exterior Girder	194.3	0.95	1	1	114.6784
EV2_str	BOBJ1	419.3	After	Left Exterior Girder	194.3	0.95	1	1	112.263229
EV2_str	BOBJ1	419.3	After	Interior Girder 1	194.3	0.95	1	1	74.955033
EV2_str	BOBJ1	419.3	After	Interior Girder 2	194.3	0.95	1	1	74.955032
EV2_str	BOBJ1	419.3	After	Right Exterior Girder	194.3	0.95	1	1	112.263235
EV2_str	BOBJ1	430.7	Before	Left Exterior Girder	205.7	0.95	1	1	105.380119
EV2_str	BOBJ1	430.7	Before	Interior Girder 1	205.7	0.95	1	1	68.631157
EV2_str	BOBJ1	430.7	Before	Interior Girder 2	205.7	0.95	1	1	68.631154
EV2_str	BOBJ1	430.7	Before	Right Exterior Girder	205.7	0.95	1	1	105.380125
EV2_str	BOBJ1	430.7	After	Left Exterior Girder	205.7	0.95	1	1	102.222755
EV2_str	BOBJ1	430.7	After	Interior Girder 1	205.7	0.95	1	1	75.493552
EV2_str	BOBJ1	430.7	After	Interior Girder 2	205.7	0.95	1	1	75.493548
EV2_str	BOBJ1	430.7	After	Right Exterior Girder	205.7	0.95	1	1	102.222765
EV2_str	BOBJ1	442.15	Before	Left Exterior Girder	217.0321	0.95	1	1	96.516355
EV2_str	BOBJ1	442.15	Before	Interior Girder 1	217.0321	0.95	1	1	69.305078
EV2_str	BOBJ1	442.15	Before	Interior Girder 2	217.0321	0.95	1	1	69.305076
EV2_str	BOBJ1	442.15	Before	Right Exterior Girder	217.0321	0.95	1	1	96.516362
EV2_str	BOBJ1	442.15	After	Left Exterior Girder	217.0321	0.95	1	1	62.038168
EV2_str	BOBJ1	442.15	After	Interior Girder 1	217.0321	0.95	1	1	44.314386
EV2_str	BOBJ1	442.15	After	Interior Girder 2	217.0321	0.95	1	1	44.314385
EV2_str	BOBJ1	442.15	After	Right Exterior Girder	217.0321	0.95	1	1	62.038174
EV2_str	BOBJ1	453.6	Before	Left Exterior Girder	228.6	0.95	1	1	58.435026
EV2_str	BOBJ1	453.6	Before	Interior Girder 1	228.6	0.95	1	1	40.6233
EV2_str	BOBJ1	453.6	Before	Interior Girder 2	228.6	0.95	1	1	40.623299
EV2_str	BOBJ1	453.6	Before	Right Exterior Girder	228.6	0.95	1	1	58.435031
EV2_str	BOBJ1	453.6	After	Left Exterior Girder	228.6	0.95	1	1	56.949973
EV2_str	BOBJ1	453.6	After	Interior Girder 1	228.6	0.95	1	1	44.131226
EV2_str	BOBJ1	453.6	After	Interior Girder 2	228.6	0.95	1	1	44.131225
EV2_str	BOBJ1	453.6	After	Right Exterior Girder	228.6	0.95	1	1	56.949972
EV2_str	BOBJ1	463.0439	Before	Left Exterior Girder	238.0439	0.95	1	1	56.543301
EV2_str	BOBJ1	463.0439	Before	Interior Girder 1	238.0439	0.95	1	1	43.786083
EV2_str	BOBJ1	463.0439	Before	Interior Girder 2	238.0439	0.95	1	1	43.786082
EV2_str	BOBJ1	463.0439	Before	Right Exterior Girder	238.0439	0.95	1	1	56.5433
EV2_str	BOBJ1	463.0439	After	Left Exterior Girder	238.0439	0.95	1	1	30.965724
EV2_str	BOBJ1	463.0439	After	Interior Girder 1	238.0439	0.95	1	1	23.479246
EV2_str	BOBJ1	463.0439	After	Interior Girder 2	238.0439	0.95	1	1	23.479245
EV2_str	BOBJ1	463.0439	After	Right Exterior Girder	238.0439	0.95	1	1	30.965723

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Main Span Girders									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
EV2_str	BOBJ1	465	Before	Left Exterior Girder	240	0.95	1	1	30.904718
EV2_str	BOBJ1	465	Before	Interior Girder 1	240	0.95	1	1	23.427752
EV2_str	BOBJ1	465	Before	Interior Girder 2	240	0.95	1	1	23.427751
EV2_str	BOBJ1	465	Before	Right Exterior Girder	240	0.95	1	1	30.904718
EV2_str	BOBJ1	465	After	Left Exterior Girder	240	0.95	1	1	31.523423
EV2_str	BOBJ1	465	After	Interior Girder 1	240	0.95	1	1	23.394736
EV2_str	BOBJ1	465	After	Interior Girder 2	240	0.95	1	1	23.394735
EV2_str	BOBJ1	465	After	Right Exterior Girder	240	0.95	1	1	31.523423
EV2_str	BOBJ1	476.4	Before	Left Exterior Girder	251.4	0.95	1	1	29.762832
EV2_str	BOBJ1	476.4	Before	Interior Girder 1	251.4	0.95	1	1	21.512848
EV2_str	BOBJ1	476.4	Before	Interior Girder 2	251.4	0.95	1	1	21.512847
EV2_str	BOBJ1	476.4	Before	Right Exterior Girder	251.4	0.95	1	1	29.762832
EV2_str	BOBJ1	476.4	After	Left Exterior Girder	251.4	0.95	1	1	29.113487
EV2_str	BOBJ1	476.4	After	Interior Girder 1	251.4	0.95	1	1	22.774137
EV2_str	BOBJ1	476.4	After	Interior Girder 2	251.4	0.95	1	1	22.774138
EV2_str	BOBJ1	476.4	After	Right Exterior Girder	251.4	0.95	1	1	29.113487
EV2_str	BOBJ1	487.85	Before	Left Exterior Girder	262.85	0.95	1	1	27.595178
EV2_str	BOBJ1	487.85	Before	Interior Girder 1	262.85	0.95	1	1	20.839329
EV2_str	BOBJ1	487.85	Before	Interior Girder 2	262.85	0.95	1	1	20.83933
EV2_str	BOBJ1	487.85	Before	Right Exterior Girder	262.85	0.95	1	1	27.595178
EV2_str	BOBJ1	487.85	After	Left Exterior Girder	262.85	0.95	1	1	27.217555
EV2_str	BOBJ1	487.85	After	Interior Girder 1	262.85	0.95	1	1	19.978392
EV2_str	BOBJ1	487.85	After	Interior Girder 2	262.85	0.95	1	1	19.978393
EV2_str	BOBJ1	487.85	After	Right Exterior Girder	262.85	0.95	1	1	27.217555
EV2_str	BOBJ1	496.3126	Before	Left Exterior Girder	271.3126	0.95	1	1	26.9762
EV2_str	BOBJ1	496.3126	Before	Interior Girder 1	271.3126	0.95	1	1	19.779883
EV2_str	BOBJ1	496.3126	Before	Interior Girder 2	271.3126	0.95	1	1	19.779884
EV2_str	BOBJ1	496.3126	Before	Right Exterior Girder	271.3126	0.95	1	1	26.976199
EV2_str	BOBJ1	496.3126	After	Left Exterior Girder	271.3126	0.95	1	1	40.950828
EV2_str	BOBJ1	496.3126	After	Interior Girder 1	271.3126	0.95	1	1	28.55201
EV2_str	BOBJ1	496.3126	After	Interior Girder 2	271.3126	0.95	1	1	28.552012
EV2_str	BOBJ1	496.3126	After	Right Exterior Girder	271.3126	0.95	1	1	40.950827
EV2_str	BOBJ1	499.3	Before	Left Exterior Girder	274.3	0.95	1	1	40.849838
EV2_str	BOBJ1	499.3	Before	Interior Girder 1	274.3	0.95	1	1	28.474764
EV2_str	BOBJ1	499.3	Before	Interior Girder 2	274.3	0.95	1	1	28.474766
EV2_str	BOBJ1	499.3	Before	Right Exterior Girder	274.3	0.95	1	1	40.849837
EV2_str	BOBJ1	499.3	After	Left Exterior Girder	274.3	0.95	1	1	40.448959
EV2_str	BOBJ1	499.3	After	Interior Girder 1	274.3	0.95	1	1	29.371863
EV2_str	BOBJ1	499.3	After	Interior Girder 2	274.3	0.95	1	1	29.371865
EV2_str	BOBJ1	499.3	After	Right Exterior Girder	274.3	0.95	1	1	40.448956
EV2_str	BOBJ1	503.8969	Before	Left Exterior Girder	278.8969	0.95	1	1	40.294791
EV2_str	BOBJ1	503.8969	Before	Interior Girder 1	278.8969	0.95	1	1	29.248871
EV2_str	BOBJ1	503.8969	Before	Interior Girder 2	278.8969	0.95	1	1	29.248873
EV2_str	BOBJ1	503.8969	Before	Right Exterior Girder	278.8969	0.95	1	1	40.294789
EV2_str	BOBJ1	503.8969	After	Left Exterior Girder	278.8969	0.95	1	1	64.26046
EV2_str	BOBJ1	503.8969	After	Interior Girder 1	278.8969	0.95	1	1	45.235074
EV2_str	BOBJ1	503.8969	After	Interior Girder 2	278.8969	0.95	1	1	45.235077
EV2_str	BOBJ1	503.8969	After	Right Exterior Girder	278.8969	0.95	1	1	64.260456
EV2_str	BOBJ1	510.7	Before	Left Exterior Girder	285.7	0.95	1	1	63.97353
EV2_str	BOBJ1	510.7	Before	Interior Girder 1	285.7	0.95	1	1	45.017281
EV2_str	BOBJ1	510.7	Before	Interior Girder 2	285.7	0.95	1	1	45.017283
EV2_str	BOBJ1	510.7	Before	Right Exterior Girder	285.7	0.95	1	1	63.973527
EV2_str	BOBJ1	510.7	After	Left Exterior Girder	285.7	0.95	1	1	59.231762
EV2_str	BOBJ1	510.7	After	Interior Girder 1	285.7	0.95	1	1	40.981413
EV2_str	BOBJ1	510.7	After	Interior Girder 2	285.7	0.95	1	1	40.981415
EV2_str	BOBJ1	510.7	After	Right Exterior Girder	285.7	0.95	1	1	59.231759
EV2_str	BOBJ1	511.4811	Before	Left Exterior Girder	286.4811	0.95	1	1	59.20113
EV2_str	BOBJ1	511.4811	Before	Interior Girder 1	286.4811	0.95	1	1	40.958705
EV2_str	BOBJ1	511.4811	Before	Interior Girder 2	286.4811	0.95	1	1	40.958706
EV2_str	BOBJ1	511.4811	Before	Right Exterior Girder	286.4811	0.95	1	1	59.201128
EV2_str	BOBJ1	511.4811	After	Left Exterior Girder	286.4811	0.95	1	1	83.558137
EV2_str	BOBJ1	511.4811	After	Interior Girder 1	286.4811	0.95	1	1	56.09483
EV2_str	BOBJ1	511.4811	After	Interior Girder 2	286.4811	0.95	1	1	56.094832
EV2_str	BOBJ1	511.4811	After	Right Exterior Girder	286.4811	0.95	1	1	83.558133
EV2_str	BOBJ1	522.1	Before	Left Exterior Girder	297.1	0.95	1	1	83.036018
EV2_str	BOBJ1	522.1	Before	Interior Girder 1	297.1	0.95	1	1	55.721002
EV2_str	BOBJ1	522.1	Before	Interior Girder 2	297.1	0.95	1	1	55.721004
EV2_str	BOBJ1	522.1	Before	Right Exterior Girder	297.1	0.95	1	1	83.036015

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Main Span Girders									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
EV2_str	BOBJ1	522.1	After	Left Exterior Girder	297.1	0.95	1	1	79.916924
EV2_str	BOBJ1	522.1	After	Interior Girder 1	297.1	0.95	1	1	51.925434
EV2_str	BOBJ1	522.1	After	Interior Girder 2	297.1	0.95	1	1	51.925434
EV2_str	BOBJ1	522.1	After	Right Exterior Girder	297.1	0.95	1	1	79.916922
EV2_str	BOBJ1	530.4918	Before	Left Exterior Girder	305.4918	0.95	1	1	79.518901
EV2_str	BOBJ1	530.4918	Before	Interior Girder 1	305.4918	0.95	1	1	51.649578
EV2_str	BOBJ1	530.4918	Before	Interior Girder 2	305.4918	0.95	1	1	51.649578
EV2_str	BOBJ1	530.4918	Before	Right Exterior Girder	305.4918	0.95	1	1	79.5189
EV2_str	BOBJ1	530.4918	After	Left Exterior Girder	305.4918	0.95	1	1	96.990125
EV2_str	BOBJ1	530.4918	After	Interior Girder 1	305.4918	0.95	1	1	60.250595
EV2_str	BOBJ1	530.4918	After	Interior Girder 2	305.4918	0.95	1	1	60.250594
EV2_str	BOBJ1	530.4918	After	Right Exterior Girder	305.4918	0.95	1	1	96.990124
EV2_str	BOBJ1	533.55	Before	Left Exterior Girder	308.55	0.95	1	1	96.826646
EV2_str	BOBJ1	533.55	Before	Interior Girder 1	308.55	0.95	1	1	60.143184
EV2_str	BOBJ1	533.55	Before	Interior Girder 2	308.55	0.95	1	1	60.143184
EV2_str	BOBJ1	533.55	Before	Right Exterior Girder	308.55	0.95	1	1	96.826644
EV2_str	BOBJ1	533.55	After	Left Exterior Girder	308.55	0.95	1	1	97.016523
EV2_str	BOBJ1	533.55	After	Interior Girder 1	308.55	0.95	1	1	59.552179
EV2_str	BOBJ1	533.55	After	Interior Girder 2	308.55	0.95	1	1	59.552179
EV2_str	BOBJ1	533.55	After	Right Exterior Girder	308.55	0.95	1	1	97.016521
EV2_str	BOBJ1	545	Before	Left Exterior Girder	320	0.95	1	1	94.317223
EV2_str	BOBJ1	545	Before	Interior Girder 1	320	0.95	1	1	55.757994
EV2_str	BOBJ1	545	Before	Interior Girder 2	320	0.95	1	1	55.757994
EV2_str	BOBJ1	545	Before	Right Exterior Girder	320	0.95	1	1	94.317222
EV2_str	BOBJ1	545	After	Left Exterior Girder	0	0.95	1	1	100.276018
EV2_str	BOBJ1	545	After	Interior Girder 1	0	0.95	1	1	59.191874
EV2_str	BOBJ1	545	After	Interior Girder 2	0	0.95	1	1	59.191874
EV2_str	BOBJ1	545	After	Right Exterior Girder	0	0.95	1	1	100.276017
EV2_str	BOBJ1	556.25	Before	Left Exterior Girder	11.25	0.95	1	1	100.896656
EV2_str	BOBJ1	556.25	Before	Interior Girder 1	11.25	0.95	1	1	59.579792
EV2_str	BOBJ1	556.25	Before	Interior Girder 2	11.25	0.95	1	1	59.579792
EV2_str	BOBJ1	556.25	Before	Right Exterior Girder	11.25	0.95	1	1	100.896655
EV2_str	BOBJ1	556.25	After	Left Exterior Girder	11.25	0.95	1	1	100.71381
EV2_str	BOBJ1	556.25	After	Interior Girder 1	11.25	0.95	1	1	61.088402
EV2_str	BOBJ1	556.25	After	Interior Girder 2	11.25	0.95	1	1	61.088402
EV2_str	BOBJ1	556.25	After	Right Exterior Girder	11.25	0.95	1	1	100.713809
EV2_str	BOBJ1	559.4358	Before	Left Exterior Girder	14.4358	0.95	1	1	100.889104
EV2_str	BOBJ1	559.4358	Before	Interior Girder 1	14.4358	0.95	1	1	61.200923
EV2_str	BOBJ1	559.4358	Before	Interior Girder 2	14.4358	0.95	1	1	61.200923
EV2_str	BOBJ1	559.4358	Before	Right Exterior Girder	14.4358	0.95	1	1	100.889103
EV2_str	BOBJ1	559.4358	After	Left Exterior Girder	14.4358	0.95	1	1	83.092371
EV2_str	BOBJ1	559.4358	After	Interior Girder 1	14.4358	0.95	1	1	52.545091
EV2_str	BOBJ1	559.4358	After	Interior Girder 2	14.4358	0.95	1	1	52.545091
EV2_str	BOBJ1	559.4358	After	Right Exterior Girder	14.4358	0.95	1	1	83.09237
EV2_str	BOBJ1	567.5	Before	Left Exterior Girder	22.5	0.95	1	1	83.486851
EV2_str	BOBJ1	567.5	Before	Interior Girder 1	22.5	0.95	1	1	52.811391
EV2_str	BOBJ1	567.5	Before	Interior Girder 2	22.5	0.95	1	1	52.811391
EV2_str	BOBJ1	567.5	Before	Right Exterior Girder	22.5	0.95	1	1	83.486851
EV2_str	BOBJ1	567.5	After	Left Exterior Girder	22.5	0.95	1	1	82.794331
EV2_str	BOBJ1	567.5	After	Interior Girder 1	22.5	0.95	1	1	52.312745
EV2_str	BOBJ1	567.5	After	Interior Girder 2	22.5	0.95	1	1	52.312745
EV2_str	BOBJ1	567.5	After	Right Exterior Girder	22.5	0.95	1	1	82.79433
EV2_str	BOBJ1	570.0586	Before	Left Exterior Girder	25.0586	0.95	1	1	82.918328
EV2_str	BOBJ1	570.0586	Before	Interior Girder 1	25.0586	0.95	1	1	52.396286
EV2_str	BOBJ1	570.0586	Before	Interior Girder 2	25.0586	0.95	1	1	52.396287
EV2_str	BOBJ1	570.0586	Before	Right Exterior Girder	25.0586	0.95	1	1	82.918328
EV2_str	BOBJ1	570.0586	After	Left Exterior Girder	25.0586	0.95	1	1	65.008406
EV2_str	BOBJ1	570.0586	After	Interior Girder 1	25.0586	0.95	1	1	43.099959
EV2_str	BOBJ1	570.0586	After	Interior Girder 2	25.0586	0.95	1	1	43.099959
EV2_str	BOBJ1	570.0586	After	Right Exterior Girder	25.0586	0.95	1	1	65.008405
EV2_str	BOBJ1	578.75	Before	Left Exterior Girder	33.75	0.95	1	1	65.377863
EV2_str	BOBJ1	578.75	Before	Interior Girder 1	33.75	0.95	1	1	43.364372
EV2_str	BOBJ1	578.75	Before	Interior Girder 2	33.75	0.95	1	1	43.364372
EV2_str	BOBJ1	578.75	Before	Right Exterior Girder	33.75	0.95	1	1	65.377863
EV2_str	BOBJ1	578.75	After	Left Exterior Girder	33.75	0.95	1	1	67.074007
EV2_str	BOBJ1	578.75	After	Interior Girder 1	33.75	0.95	1	1	46.797645
EV2_str	BOBJ1	578.75	After	Interior Girder 2	33.75	0.95	1	1	46.797646
EV2_str	BOBJ1	578.75	After	Right Exterior Girder	33.75	0.95	1	1	67.074006

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Main Span Girders									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
EV2_str	BOBJ1	586.8142	Before	Left Exterior Girder	41.8142	0.95	1	1	67.425032
EV2_str	BOBJ1	586.8142	Before	Interior Girder 1	41.8142	0.95	1	1	47.061954
EV2_str	BOBJ1	586.8142	Before	Interior Girder 2	41.8142	0.95	1	1	47.061955
EV2_str	BOBJ1	586.8142	Before	Right Exterior Girder	41.8142	0.95	1	1	67.425031
EV2_str	BOBJ1	586.8142	After	Left Exterior Girder	41.8142	0.95	1	1	42.185154
EV2_str	BOBJ1	586.8142	After	Interior Girder 1	41.8142	0.95	1	1	30.201402
EV2_str	BOBJ1	586.8142	After	Interior Girder 2	41.8142	0.95	1	1	30.201402
EV2_str	BOBJ1	586.8142	After	Right Exterior Girder	41.8142	0.95	1	1	42.185153
EV2_str	BOBJ1	590	Before	Left Exterior Girder	45	0.95	1	1	42.294155
EV2_str	BOBJ1	590	Before	Interior Girder 1	45	0.95	1	1	30.287131
EV2_str	BOBJ1	590	Before	Interior Girder 2	45	0.95	1	1	30.287131
EV2_str	BOBJ1	590	Before	Right Exterior Girder	45	0.95	1	1	42.294155
EV2_str	BOBJ1	590	After	Left Exterior Girder	45	0.95	1	1	45.171782
EV2_str	BOBJ1	590	After	Interior Girder 1	45	0.95	1	1	32.472093
EV2_str	BOBJ1	590	After	Interior Girder 2	45	0.95	1	1	32.472093
EV2_str	BOBJ1	590	After	Right Exterior Girder	45	0.95	1	1	45.171782
EV2_str	BOBJ1	601.25	Before	Left Exterior Girder	56.25	0.95	1	1	45.581006
EV2_str	BOBJ1	601.25	Before	Interior Girder 1	56.25	0.95	1	1	32.795848
EV2_str	BOBJ1	601.25	Before	Interior Girder 2	56.25	0.95	1	1	32.795848
EV2_str	BOBJ1	601.25	Before	Right Exterior Girder	56.25	0.95	1	1	45.581005
EV2_str	BOBJ1	601.25	After	Left Exterior Girder	56.25	0.95	1	1	43.032989
EV2_str	BOBJ1	601.25	After	Interior Girder 1	56.25	0.95	1	1	34.05156
EV2_str	BOBJ1	601.25	After	Interior Girder 2	56.25	0.95	1	1	34.05156
EV2_str	BOBJ1	601.25	After	Right Exterior Girder	56.25	0.95	1	1	43.032989
EV2_str	BOBJ1	601.7478	Before	Left Exterior Girder	56.7478	0.95	1	1	43.050158
EV2_str	BOBJ1	601.7478	Before	Interior Girder 1	56.7478	0.95	1	1	34.066315
EV2_str	BOBJ1	601.7478	Before	Interior Girder 2	56.7478	0.95	1	1	34.066315
EV2_str	BOBJ1	601.7478	Before	Right Exterior Girder	56.7478	0.95	1	1	43.050158
EV2_str	BOBJ1	601.7478	After	Left Exterior Girder	56.7478	0.95	1	1	30.964443
EV2_str	BOBJ1	601.7478	After	Interior Girder 1	56.7478	0.95	1	1	23.860375
EV2_str	BOBJ1	601.7478	After	Interior Girder 2	56.7478	0.95	1	1	23.860375
EV2_str	BOBJ1	601.7478	After	Right Exterior Girder	56.7478	0.95	1	1	30.964443
EV2_str	BOBJ1	612.5	Before	Left Exterior Girder	67.5	0.95	1	1	31.297461
EV2_str	BOBJ1	612.5	Before	Interior Girder 1	67.5	0.95	1	1	24.14859
EV2_str	BOBJ1	612.5	Before	Interior Girder 2	67.5	0.95	1	1	24.14859
EV2_str	BOBJ1	612.5	Before	Right Exterior Girder	67.5	0.95	1	1	31.297461
EV2_str	BOBJ1	612.5	After	Left Exterior Girder	67.5	0.95	1	1	33.738542
EV2_str	BOBJ1	612.5	After	Interior Girder 1	67.5	0.95	1	1	24.697171
EV2_str	BOBJ1	612.5	After	Interior Girder 2	67.5	0.95	1	1	24.69717
EV2_str	BOBJ1	612.5	After	Right Exterior Girder	67.5	0.95	1	1	33.738542
EV2_str	BOBJ1	623.75	Before	Left Exterior Girder	78.75	0.95	1	1	34.111238
EV2_str	BOBJ1	623.75	Before	Interior Girder 1	78.75	0.95	1	1	25.003587
EV2_str	BOBJ1	623.75	Before	Interior Girder 2	78.75	0.95	1	1	25.003587
EV2_str	BOBJ1	623.75	Before	Right Exterior Girder	78.75	0.95	1	1	34.111238
EV2_str	BOBJ1	623.75	After	Left Exterior Girder	78.75	0.95	1	1	36.66277
EV2_str	BOBJ1	623.75	After	Interior Girder 1	78.75	0.95	1	1	28.205404
EV2_str	BOBJ1	623.75	After	Interior Girder 2	78.75	0.95	1	1	28.205403
EV2_str	BOBJ1	623.75	After	Right Exterior Girder	78.75	0.95	1	1	36.66277
EV2_str	BOBJ1	635	Before	Left Exterior Girder	90	0.95	1	1	37.060977
EV2_str	BOBJ1	635	Before	Interior Girder 1	90	0.95	1	1	28.549414
EV2_str	BOBJ1	635	Before	Interior Girder 2	90	0.95	1	1	28.549413
EV2_str	BOBJ1	635	Before	Right Exterior Girder	90	0.95	1	1	37.060978
EV2_str	BOBJ1	635	After	Left Exterior Girder	90	0.95	1	1	40.092253
EV2_str	BOBJ1	635	After	Interior Girder 1	90	0.95	1	1	27.358551
EV2_str	BOBJ1	635	After	Interior Girder 2	90	0.95	1	1	27.35855
EV2_str	BOBJ1	635	After	Right Exterior Girder	90	0.95	1	1	40.092255
EV2_str	BOBJ1	643.5619	Before	Left Exterior Girder	98.5619	0.95	1	1	40.417781
EV2_str	BOBJ1	643.5619	Before	Interior Girder 1	98.5619	0.95	1	1	27.608071
EV2_str	BOBJ1	643.5619	Before	Interior Girder 2	98.5619	0.95	1	1	27.60807
EV2_str	BOBJ1	643.5619	Before	Right Exterior Girder	98.5619	0.95	1	1	40.417782
EV2_str	BOBJ1	643.5619	After	Left Exterior Girder	98.5619	0.95	1	1	67.360933
EV2_str	BOBJ1	643.5619	After	Interior Girder 1	98.5619	0.95	1	1	46.180131
EV2_str	BOBJ1	643.5619	After	Interior Girder 2	98.5619	0.95	1	1	46.180128
EV2_str	BOBJ1	643.5619	After	Right Exterior Girder	98.5619	0.95	1	1	67.360936
EV2_str	BOBJ1	646.25	Before	Left Exterior Girder	101.25	0.95	1	1	67.489314
EV2_str	BOBJ1	646.25	Before	Interior Girder 1	101.25	0.95	1	1	46.276768
EV2_str	BOBJ1	646.25	Before	Interior Girder 2	101.25	0.95	1	1	46.276765
EV2_str	BOBJ1	646.25	Before	Right Exterior Girder	101.25	0.95	1	1	67.489317

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Main Span Girders									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
EV2_str	BOBJ1	646.25	After	Left Exterior Girder	101.25	0.95	1	1	74.618077
EV2_str	BOBJ1	646.25	After	Interior Girder 1	101.25	0.95	1	1	53.11667
EV2_str	BOBJ1	646.25	After	Interior Girder 2	101.25	0.95	1	1	53.116667
EV2_str	BOBJ1	646.25	After	Right Exterior Girder	101.25	0.95	1	1	74.61808
EV2_str	BOBJ1	657.5	Before	Left Exterior Girder	112.5	0.95	1	1	75.21049
EV2_str	BOBJ1	657.5	Before	Interior Girder 1	112.5	0.95	1	1	53.580407
EV2_str	BOBJ1	657.5	Before	Interior Girder 2	112.5	0.95	1	1	53.580404
EV2_str	BOBJ1	657.5	Before	Right Exterior Girder	112.5	0.95	1	1	75.210493
EV2_str	BOBJ1	657.5	After	Left Exterior Girder	112.5	0.95	1	1	85.203999
EV2_str	BOBJ1	657.5	After	Interior Girder 1	112.5	0.95	1	1	52.559273
EV2_str	BOBJ1	657.5	After	Interior Girder 2	112.5	0.95	1	1	52.55928
EV2_str	BOBJ1	657.5	After	Right Exterior Girder	112.5	0.95	1	1	85.203993
EV2_str	BOBJ1	668.75	Before	Left Exterior Girder	123.75	0.95	1	1	85.871942
EV2_str	BOBJ1	668.75	Before	Interior Girder 1	123.75	0.95	1	1	53.012576
EV2_str	BOBJ1	668.75	Before	Interior Girder 2	123.75	0.95	1	1	53.012583
EV2_str	BOBJ1	668.75	Before	Right Exterior Girder	123.75	0.95	1	1	85.871936
EV2_str	BOBJ1	668.75	After	Left Exterior Girder	123.75	0.95	1	1	96.739392
EV2_str	BOBJ1	668.75	After	Interior Girder 1	123.75	0.95	1	1	60.511232
EV2_str	BOBJ1	668.75	After	Interior Girder 2	123.75	0.95	1	1	60.511242
EV2_str	BOBJ1	668.75	After	Right Exterior Girder	123.75	0.95	1	1	96.73938
EV2_str	BOBJ1	680	Before	Left Exterior Girder	135	0.95	1	1	97.4893
EV2_str	BOBJ1	680	Before	Interior Girder 1	135	0.95	1	1	61.027255
EV2_str	BOBJ1	680	Before	Interior Girder 2	135	0.95	1	1	61.027264
EV2_str	BOBJ1	680	Before	Right Exterior Girder	135	0.95	1	1	97.489288
EV2_str	BOBJ1	680	After	Left Exterior Girder	135	0.95	1	1	110.660485
EV2_str	BOBJ1	680	After	Interior Girder 1	135	0.95	1	1	59.608984
EV2_str	BOBJ1	680	After	Interior Girder 2	135	0.95	1	1	59.608981
EV2_str	BOBJ1	680	After	Right Exterior Girder	135	0.95	1	1	110.660493
EV2_str	BOBJ1	691.25	Before	Left Exterior Girder	146.25	0.95	1	1	109.839296
EV2_str	BOBJ1	691.25	Before	Interior Girder 1	146.25	0.95	1	1	60.11131
EV2_str	BOBJ1	691.25	Before	Interior Girder 2	146.25	0.95	1	1	60.111308
EV2_str	BOBJ1	691.25	Before	Right Exterior Girder	146.25	0.95	1	1	109.839304
EV2_str	BOBJ1	691.25	After	Left Exterior Girder	146.25	0.95	1	1	96.512898
EV2_str	BOBJ1	691.25	After	Interior Girder 1	146.25	0.95	1	1	58.38905
EV2_str	BOBJ1	691.25	After	Interior Girder 2	146.25	0.95	1	1	58.389053
EV2_str	BOBJ1	691.25	After	Right Exterior Girder	146.25	0.95	1	1	96.512896
EV2_str	BOBJ1	702.5	Before	Left Exterior Girder	157.5	0.95	1	1	95.788953
EV2_str	BOBJ1	702.5	Before	Interior Girder 1	157.5	0.95	1	1	57.907106
EV2_str	BOBJ1	702.5	Before	Interior Girder 2	157.5	0.95	1	1	57.907109
EV2_str	BOBJ1	702.5	Before	Right Exterior Girder	157.5	0.95	1	1	95.788952
EV2_str	BOBJ1	702.5	After	Left Exterior Girder	157.5	0.95	1	1	83.043921
EV2_str	BOBJ1	702.5	After	Interior Girder 1	157.5	0.95	1	1	59.044123
EV2_str	BOBJ1	702.5	After	Interior Girder 2	157.5	0.95	1	1	59.044125
EV2_str	BOBJ1	702.5	After	Right Exterior Girder	157.5	0.95	1	1	83.043913
EV2_str	BOBJ1	713.75	Before	Left Exterior Girder	168.75	0.95	1	1	82.413373
EV2_str	BOBJ1	713.75	Before	Interior Girder 1	168.75	0.95	1	1	58.551078
EV2_str	BOBJ1	713.75	Before	Interior Girder 2	168.75	0.95	1	1	58.55108
EV2_str	BOBJ1	713.75	Before	Right Exterior Girder	168.75	0.95	1	1	82.413365
EV2_str	BOBJ1	713.75	After	Left Exterior Girder	168.75	0.95	1	1	74.140219
EV2_str	BOBJ1	713.75	After	Interior Girder 1	168.75	0.95	1	1	51.167969
EV2_str	BOBJ1	713.75	After	Interior Girder 2	168.75	0.95	1	1	51.167969
EV2_str	BOBJ1	713.75	After	Right Exterior Girder	168.75	0.95	1	1	74.140218
EV2_str	BOBJ1	725	Before	Left Exterior Girder	180	0.95	1	1	73.571047
EV2_str	BOBJ1	725	Before	Interior Girder 1	180	0.95	1	1	50.735946
EV2_str	BOBJ1	725	Before	Interior Girder 2	180	0.95	1	1	50.735946
EV2_str	BOBJ1	725	Before	Right Exterior Girder	180	0.95	1	1	73.571046
EV2_str	BOBJ1	725	After	Left Exterior Girder	180	0.95	1	1	65.096953
EV2_str	BOBJ1	725	After	Interior Girder 1	180	0.95	1	1	49.947437
EV2_str	BOBJ1	725	After	Interior Girder 2	180	0.95	1	1	49.947434
EV2_str	BOBJ1	725	After	Right Exterior Girder	180	0.95	1	1	65.096961
EV2_str	BOBJ1	731.1726	Before	Left Exterior Girder	186.1726	0.95	1	1	64.81952
EV2_str	BOBJ1	731.1726	Before	Interior Girder 1	186.1726	0.95	1	1	49.713477
EV2_str	BOBJ1	731.1726	Before	Interior Girder 2	186.1726	0.95	1	1	49.713474
EV2_str	BOBJ1	731.1726	Before	Right Exterior Girder	186.1726	0.95	1	1	64.819528
EV2_str	BOBJ1	731.1726	After	Left Exterior Girder	186.1726	0.95	1	1	37.771738
EV2_str	BOBJ1	731.1726	After	Interior Girder 1	186.1726	0.95	1	1	28.245218
EV2_str	BOBJ1	731.1726	After	Interior Girder 2	186.1726	0.95	1	1	28.245216
EV2_str	BOBJ1	731.1726	After	Right Exterior Girder	186.1726	0.95	1	1	37.771742

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Main Span Girders

Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
EV2_str	BOBJ1	736.25	Before	Left Exterior Girder	191.25	0.95	1	1	37.597591
EV2_str	BOBJ1	736.25	Before	Interior Girder 1	191.25	0.95	1	1	28.09908
EV2_str	BOBJ1	736.25	Before	Interior Girder 2	191.25	0.95	1	1	28.099079
EV2_str	BOBJ1	736.25	Before	Right Exterior Girder	191.25	0.95	1	1	37.597595
EV2_str	BOBJ1	736.25	After	Left Exterior Girder	191.25	0.95	1	1	36.465312
EV2_str	BOBJ1	736.25	After	Interior Girder 1	191.25	0.95	1	1	26.472651
EV2_str	BOBJ1	736.25	After	Interior Girder 2	191.25	0.95	1	1	26.472651
EV2_str	BOBJ1	736.25	After	Right Exterior Girder	191.25	0.95	1	1	36.465313
EV2_str	BOBJ1	747.5	Before	Left Exterior Girder	202.5	0.95	1	1	36.089709
EV2_str	BOBJ1	747.5	Before	Interior Girder 1	202.5	0.95	1	1	26.166509
EV2_str	BOBJ1	747.5	Before	Interior Girder 2	202.5	0.95	1	1	26.166508
EV2_str	BOBJ1	747.5	Before	Right Exterior Girder	202.5	0.95	1	1	36.08971
EV2_str	BOBJ1	747.5	After	Left Exterior Girder	202.5	0.95	1	1	32.622241
EV2_str	BOBJ1	747.5	After	Interior Girder 1	202.5	0.95	1	1	24.02583
EV2_str	BOBJ1	747.5	After	Interior Girder 2	202.5	0.95	1	1	24.025829
EV2_str	BOBJ1	747.5	After	Right Exterior Girder	202.5	0.95	1	1	32.622241
EV2_str	BOBJ1	758.75	Before	Left Exterior Girder	213.75	0.95	1	1	32.279946
EV2_str	BOBJ1	758.75	Before	Interior Girder 1	213.75	0.95	1	1	23.743171
EV2_str	BOBJ1	758.75	Before	Interior Girder 2	213.75	0.95	1	1	23.74317
EV2_str	BOBJ1	758.75	Before	Right Exterior Girder	213.75	0.95	1	1	32.279945
EV2_str	BOBJ1	758.75	After	Left Exterior Girder	213.75	0.95	1	1	29.892449
EV2_str	BOBJ1	758.75	After	Interior Girder 1	213.75	0.95	1	1	19.556551
EV2_str	BOBJ1	758.75	After	Interior Girder 2	213.75	0.95	1	1	19.556549
EV2_str	BOBJ1	758.75	After	Right Exterior Girder	213.75	0.95	1	1	29.89245
EV2_str	BOBJ1	770	Before	Left Exterior Girder	225	0.95	1	1	29.573641
EV2_str	BOBJ1	770	Before	Interior Girder 1	225	0.95	1	1	19.32264
EV2_str	BOBJ1	770	Before	Interior Girder 2	225	0.95	1	1	19.322638
EV2_str	BOBJ1	770	Before	Right Exterior Girder	225	0.95	1	1	29.573642
EV3_str	BOBJ1	0	After	Left Exterior Girder	0	0.95	1	1	19.753083
EV3_str	BOBJ1	0	After	Interior Girder 1	0	0.95	1	1	12.901839
EV3_str	BOBJ1	0	After	Interior Girder 2	0	0.95	1	1	12.90184
EV3_str	BOBJ1	0	After	Right Exterior Girder	0	0.95	1	1	19.753082
EV3_str	BOBJ1	11.25	Before	Left Exterior Girder	11.25	0.95	1	1	19.966024
EV3_str	BOBJ1	11.25	Before	Interior Girder 1	11.25	0.95	1	1	13.058023
EV3_str	BOBJ1	11.25	Before	Interior Girder 2	11.25	0.95	1	1	13.058024
EV3_str	BOBJ1	11.25	Before	Right Exterior Girder	11.25	0.95	1	1	19.966023
EV3_str	BOBJ1	11.25	After	Left Exterior Girder	11.25	0.95	1	1	21.557255
EV3_str	BOBJ1	11.25	After	Interior Girder 1	11.25	0.95	1	1	15.857979
EV3_str	BOBJ1	11.25	After	Interior Girder 2	11.25	0.95	1	1	15.857981
EV3_str	BOBJ1	11.25	After	Right Exterior Girder	11.25	0.95	1	1	21.557254
EV3_str	BOBJ1	22.5	Before	Left Exterior Girder	22.5	0.95	1	1	21.785848
EV3_str	BOBJ1	22.5	Before	Interior Girder 1	22.5	0.95	1	1	16.046766
EV3_str	BOBJ1	22.5	Before	Interior Girder 2	22.5	0.95	1	1	16.046768
EV3_str	BOBJ1	22.5	Before	Right Exterior Girder	22.5	0.95	1	1	21.785846
EV3_str	BOBJ1	22.5	After	Left Exterior Girder	22.5	0.95	1	1	24.126444
EV3_str	BOBJ1	22.5	After	Interior Girder 1	22.5	0.95	1	1	17.459524
EV3_str	BOBJ1	22.5	After	Interior Girder 2	22.5	0.95	1	1	17.459524
EV3_str	BOBJ1	22.5	After	Right Exterior Girder	22.5	0.95	1	1	24.126444
EV3_str	BOBJ1	33.75	Before	Left Exterior Girder	33.75	0.95	1	1	24.37754
EV3_str	BOBJ1	33.75	Before	Interior Girder 1	33.75	0.95	1	1	17.663797
EV3_str	BOBJ1	33.75	Before	Interior Girder 2	33.75	0.95	1	1	17.663796
EV3_str	BOBJ1	33.75	Before	Right Exterior Girder	33.75	0.95	1	1	24.37754
EV3_str	BOBJ1	33.75	After	Left Exterior Girder	33.75	0.95	1	1	25.13564
EV3_str	BOBJ1	33.75	After	Interior Girder 1	33.75	0.95	1	1	18.759392
EV3_str	BOBJ1	33.75	After	Interior Girder 2	33.75	0.95	1	1	18.759391
EV3_str	BOBJ1	33.75	After	Right Exterior Girder	33.75	0.95	1	1	25.135641
EV3_str	BOBJ1	38.8274	Before	Left Exterior Girder	38.8274	0.95	1	1	25.252065
EV3_str	BOBJ1	38.8274	Before	Interior Girder 1	38.8274	0.95	1	1	18.856956
EV3_str	BOBJ1	38.8274	Before	Interior Girder 2	38.8274	0.95	1	1	18.856955
EV3_str	BOBJ1	38.8274	Before	Right Exterior Girder	38.8274	0.95	1	1	25.252065
EV3_str	BOBJ1	38.8274	After	Left Exterior Girder	38.8274	0.95	1	1	43.305182
EV3_str	BOBJ1	38.8274	After	Interior Girder 1	38.8274	0.95	1	1	33.214932
EV3_str	BOBJ1	38.8274	After	Interior Girder 2	38.8274	0.95	1	1	33.214931
EV3_str	BOBJ1	38.8274	After	Right Exterior Girder	38.8274	0.95	1	1	43.305183
EV3_str	BOBJ1	45	Before	Left Exterior Girder	45	0.95	1	1	43.490531
EV3_str	BOBJ1	45	Before	Interior Girder 1	45	0.95	1	1	33.371247
EV3_str	BOBJ1	45	Before	Interior Girder 2	45	0.95	1	1	33.371246
EV3_str	BOBJ1	45	Before	Right Exterior Girder	45	0.95	1	1	43.490533

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelNonCompStrgth-Shr - Main Span Girders									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
EV3_str	BOBJ1	45	After	Left Exterior Girder	45	0.95	1	1	49.155922
EV3_str	BOBJ1	45	After	Interior Girder 1	45	0.95	1	1	33.88546
EV3_str	BOBJ1	45	After	Interior Girder 2	45	0.95	1	1	33.885456
EV3_str	BOBJ1	45	After	Right Exterior Girder	45	0.95	1	1	49.155924
EV3_str	BOBJ1	56.25	Before	Left Exterior Girder	56.25	0.95	1	1	49.53621
EV3_str	BOBJ1	56.25	Before	Interior Girder 1	56.25	0.95	1	1	34.173999
EV3_str	BOBJ1	56.25	Before	Interior Girder 2	56.25	0.95	1	1	34.173996
EV3_str	BOBJ1	56.25	Before	Right Exterior Girder	56.25	0.95	1	1	49.536212
EV3_str	BOBJ1	56.25	After	Left Exterior Girder	56.25	0.95	1	1	55.052254
EV3_str	BOBJ1	56.25	After	Interior Girder 1	56.25	0.95	1	1	39.115647
EV3_str	BOBJ1	56.25	After	Interior Girder 2	56.25	0.95	1	1	39.115643
EV3_str	BOBJ1	56.25	After	Right Exterior Girder	56.25	0.95	1	1	55.052255
EV3_str	BOBJ1	67.5	Before	Left Exterior Girder	67.5	0.95	1	1	55.473461
EV3_str	BOBJ1	67.5	Before	Interior Girder 1	67.5	0.95	1	1	39.445031
EV3_str	BOBJ1	67.5	Before	Interior Girder 2	67.5	0.95	1	1	39.445026
EV3_str	BOBJ1	67.5	Before	Right Exterior Girder	67.5	0.95	1	1	55.473462
EV3_str	BOBJ1	67.5	After	Left Exterior Girder	67.5	0.95	1	1	63.990279
EV3_str	BOBJ1	67.5	After	Interior Girder 1	67.5	0.95	1	1	38.673779
EV3_str	BOBJ1	67.5	After	Interior Girder 2	67.5	0.95	1	1	38.673782
EV3_str	BOBJ1	67.5	After	Right Exterior Girder	67.5	0.95	1	1	63.990265
EV3_str	BOBJ1	78.75	Before	Left Exterior Girder	78.75	0.95	1	1	64.473899
EV3_str	BOBJ1	78.75	Before	Interior Girder 1	78.75	0.95	1	1	38.99565
EV3_str	BOBJ1	78.75	Before	Interior Girder 2	78.75	0.95	1	1	38.995652
EV3_str	BOBJ1	78.75	Before	Right Exterior Girder	78.75	0.95	1	1	64.473884
EV3_str	BOBJ1	78.75	After	Left Exterior Girder	78.75	0.95	1	1	73.356381
EV3_str	BOBJ1	78.75	After	Interior Girder 1	78.75	0.95	1	1	40.143701
EV3_str	BOBJ1	78.75	After	Interior Girder 2	78.75	0.95	1	1	40.143698
EV3_str	BOBJ1	78.75	After	Right Exterior Girder	78.75	0.95	1	1	73.356361
EV3_str	BOBJ1	90	Before	Left Exterior Girder	90	0.95	1	1	73.904813
EV3_str	BOBJ1	90	Before	Interior Girder 1	90	0.95	1	1	39.808236
EV3_str	BOBJ1	90	Before	Interior Girder 2	90	0.95	1	1	39.808233
EV3_str	BOBJ1	90	Before	Right Exterior Girder	90	0.95	1	1	73.904793
EV3_str	BOBJ1	90	After	Left Exterior Girder	90	0.95	1	1	65.114953
EV3_str	BOBJ1	90	After	Interior Girder 1	90	0.95	1	1	40.770861
EV3_str	BOBJ1	90	After	Interior Girder 2	90	0.95	1	1	40.770853
EV3_str	BOBJ1	90	After	Right Exterior Girder	90	0.95	1	1	65.11496
EV3_str	BOBJ1	101.25	Before	Left Exterior Girder	101.25	0.95	1	1	64.614076
EV3_str	BOBJ1	101.25	Before	Interior Girder 1	101.25	0.95	1	1	40.426119
EV3_str	BOBJ1	101.25	Before	Interior Girder 2	101.25	0.95	1	1	40.426111
EV3_str	BOBJ1	101.25	Before	Right Exterior Girder	101.25	0.95	1	1	64.614082
EV3_str	BOBJ1	101.25	After	Left Exterior Girder	101.25	0.95	1	1	57.372458
EV3_str	BOBJ1	101.25	After	Interior Girder 1	101.25	0.95	1	1	35.407314
EV3_str	BOBJ1	101.25	After	Interior Girder 2	101.25	0.95	1	1	35.407309
EV3_str	BOBJ1	101.25	After	Right Exterior Girder	101.25	0.95	1	1	57.37246
EV3_str	BOBJ1	112.5	Before	Left Exterior Girder	112.5	0.95	1	1	56.926194
EV3_str	BOBJ1	112.5	Before	Interior Girder 1	112.5	0.95	1	1	35.104551
EV3_str	BOBJ1	112.5	Before	Interior Girder 2	112.5	0.95	1	1	35.104546
EV3_str	BOBJ1	112.5	Before	Right Exterior Girder	112.5	0.95	1	1	56.926196
EV3_str	BOBJ1	112.5	After	Left Exterior Girder	112.5	0.95	1	1	50.248359
EV3_str	BOBJ1	112.5	After	Interior Girder 1	112.5	0.95	1	1	35.798068
EV3_str	BOBJ1	112.5	After	Interior Girder 2	112.5	0.95	1	1	35.79807
EV3_str	BOBJ1	112.5	After	Right Exterior Girder	112.5	0.95	1	1	50.248356
EV3_str	BOBJ1	123.75	Before	Left Exterior Girder	123.75	0.95	1	1	49.852566
EV3_str	BOBJ1	123.75	Before	Interior Girder 1	123.75	0.95	1	1	35.488237
EV3_str	BOBJ1	123.75	Before	Interior Girder 2	123.75	0.95	1	1	35.488239
EV3_str	BOBJ1	123.75	Before	Right Exterior Girder	123.75	0.95	1	1	49.852562
EV3_str	BOBJ1	123.75	After	Left Exterior Girder	123.75	0.95	1	1	45.078444
EV3_str	BOBJ1	123.75	After	Interior Girder 1	123.75	0.95	1	1	30.917879
EV3_str	BOBJ1	123.75	After	Interior Girder 2	123.75	0.95	1	1	30.917881
EV3_str	BOBJ1	123.75	After	Right Exterior Girder	123.75	0.95	1	1	45.078441
EV3_str	BOBJ1	126.4381	Before	Left Exterior Girder	126.4381	0.95	1	1	44.992694
EV3_str	BOBJ1	126.4381	Before	Interior Girder 1	126.4381	0.95	1	1	30.853315
EV3_str	BOBJ1	126.4381	Before	Interior Girder 2	126.4381	0.95	1	1	30.853317
EV3_str	BOBJ1	126.4381	Before	Right Exterior Girder	126.4381	0.95	1	1	44.992691
EV3_str	BOBJ1	126.4381	After	Left Exterior Girder	126.4381	0.95	1	1	27.028795
EV3_str	BOBJ1	126.4381	After	Interior Girder 1	126.4381	0.95	1	1	18.42083
EV3_str	BOBJ1	126.4381	After	Interior Girder 2	126.4381	0.95	1	1	18.420831
EV3_str	BOBJ1	126.4381	After	Right Exterior Girder	126.4381	0.95	1	1	27.028793

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Main Span Girders									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
EV3_str	BOBJ1	135	Before	Left Exterior Girder	135	0.95	1	1	26.811103
EV3_str	BOBJ1	135	Before	Interior Girder 1	135	0.95	1	1	18.254344
EV3_str	BOBJ1	135	Before	Interior Girder 2	135	0.95	1	1	18.254345
EV3_str	BOBJ1	135	Before	Right Exterior Girder	135	0.95	1	1	26.811101
EV3_str	BOBJ1	135	After	Left Exterior Girder	135	0.95	1	1	24.772043
EV3_str	BOBJ1	135	After	Interior Girder 1	135	0.95	1	1	19.061862
EV3_str	BOBJ1	135	After	Interior Girder 2	135	0.95	1	1	19.061863
EV3_str	BOBJ1	135	After	Right Exterior Girder	135	0.95	1	1	24.772042
EV3_str	BOBJ1	146.25	Before	Left Exterior Girder	146.25	0.95	1	1	24.505876
EV3_str	BOBJ1	146.25	Before	Interior Girder 1	146.25	0.95	1	1	18.832173
EV3_str	BOBJ1	146.25	Before	Interior Girder 2	146.25	0.95	1	1	18.832175
EV3_str	BOBJ1	146.25	Before	Right Exterior Girder	146.25	0.95	1	1	24.505875
EV3_str	BOBJ1	146.25	After	Left Exterior Girder	146.25	0.95	1	1	22.794559
EV3_str	BOBJ1	146.25	After	Interior Girder 1	146.25	0.95	1	1	16.70145
EV3_str	BOBJ1	146.25	After	Interior Girder 2	146.25	0.95	1	1	16.701451
EV3_str	BOBJ1	146.25	After	Right Exterior Girder	146.25	0.95	1	1	22.794558
EV3_str	BOBJ1	157.5	Before	Left Exterior Girder	157.5	0.95	1	1	22.545508
EV3_str	BOBJ1	157.5	Before	Interior Girder 1	157.5	0.95	1	1	16.496776
EV3_str	BOBJ1	157.5	Before	Interior Girder 2	157.5	0.95	1	1	16.496777
EV3_str	BOBJ1	157.5	Before	Right Exterior Girder	157.5	0.95	1	1	22.545507
EV3_str	BOBJ1	157.5	After	Left Exterior Girder	157.5	0.95	1	1	20.914379
EV3_str	BOBJ1	157.5	After	Interior Girder 1	157.5	0.95	1	1	16.135776
EV3_str	BOBJ1	157.5	After	Interior Girder 2	157.5	0.95	1	1	16.135775
EV3_str	BOBJ1	157.5	After	Right Exterior Girder	157.5	0.95	1	1	20.914379
EV3_str	BOBJ1	168.2522	Before	Left Exterior Girder	168.2522	0.95	1	1	20.691842
EV3_str	BOBJ1	168.2522	Before	Interior Girder 1	168.2522	0.95	1	1	15.943195
EV3_str	BOBJ1	168.2522	Before	Interior Girder 2	168.2522	0.95	1	1	15.943194
EV3_str	BOBJ1	168.2522	Before	Right Exterior Girder	168.2522	0.95	1	1	20.691841
EV3_str	BOBJ1	168.2522	After	Left Exterior Girder	168.2522	0.95	1	1	27.921198
EV3_str	BOBJ1	168.2522	After	Interior Girder 1	168.2522	0.95	1	1	21.285533
EV3_str	BOBJ1	168.2522	After	Interior Girder 2	168.2522	0.95	1	1	21.285532
EV3_str	BOBJ1	168.2522	After	Right Exterior Girder	168.2522	0.95	1	1	27.921198
EV3_str	BOBJ1	168.75	Before	Left Exterior Girder	168.75	0.95	1	1	27.910063
EV3_str	BOBJ1	168.75	Before	Interior Girder 1	168.75	0.95	1	1	21.276313
EV3_str	BOBJ1	168.75	Before	Interior Girder 2	168.75	0.95	1	1	21.276312
EV3_str	BOBJ1	168.75	Before	Right Exterior Girder	168.75	0.95	1	1	27.910062
EV3_str	BOBJ1	168.75	After	Left Exterior Girder	168.75	0.95	1	1	30.528011
EV3_str	BOBJ1	168.75	After	Interior Girder 1	168.75	0.95	1	1	22.028335
EV3_str	BOBJ1	168.75	After	Interior Girder 2	168.75	0.95	1	1	22.028333
EV3_str	BOBJ1	168.75	After	Right Exterior Girder	168.75	0.95	1	1	30.528011
EV3_str	BOBJ1	180	Before	Left Exterior Girder	180	0.95	1	1	30.253933
EV3_str	BOBJ1	180	Before	Interior Girder 1	180	0.95	1	1	21.810875
EV3_str	BOBJ1	180	Before	Interior Girder 2	180	0.95	1	1	21.810874
EV3_str	BOBJ1	180	Before	Right Exterior Girder	180	0.95	1	1	30.253932
EV3_str	BOBJ1	180	After	Left Exterior Girder	180	0.95	1	1	28.252732
EV3_str	BOBJ1	180	After	Interior Girder 1	180	0.95	1	1	20.243169
EV3_str	BOBJ1	180	After	Interior Girder 2	180	0.95	1	1	20.243168
EV3_str	BOBJ1	180	After	Right Exterior Girder	180	0.95	1	1	28.252733
EV3_str	BOBJ1	183.1858	Before	Left Exterior Girder	183.1858	0.95	1	1	28.179918
EV3_str	BOBJ1	183.1858	Before	Interior Girder 1	183.1858	0.95	1	1	20.18587
EV3_str	BOBJ1	183.1858	Before	Interior Girder 2	183.1858	0.95	1	1	20.185869
EV3_str	BOBJ1	183.1858	Before	Right Exterior Girder	183.1858	0.95	1	1	28.17992
EV3_str	BOBJ1	183.1858	After	Left Exterior Girder	183.1858	0.95	1	1	45.069107
EV3_str	BOBJ1	183.1858	After	Interior Girder 1	183.1858	0.95	1	1	31.468622
EV3_str	BOBJ1	183.1858	After	Interior Girder 2	183.1858	0.95	1	1	31.468621
EV3_str	BOBJ1	183.1858	After	Right Exterior Girder	183.1858	0.95	1	1	45.06911
EV3_str	BOBJ1	191.25	Before	Left Exterior Girder	191.25	0.95	1	1	44.834471
EV3_str	BOBJ1	191.25	Before	Interior Girder 1	191.25	0.95	1	1	31.291889
EV3_str	BOBJ1	191.25	Before	Interior Girder 2	191.25	0.95	1	1	31.291887
EV3_str	BOBJ1	191.25	Before	Right Exterior Girder	191.25	0.95	1	1	44.834473
EV3_str	BOBJ1	191.25	After	Left Exterior Girder	191.25	0.95	1	1	43.690115
EV3_str	BOBJ1	191.25	After	Interior Girder 1	191.25	0.95	1	1	28.948364
EV3_str	BOBJ1	191.25	After	Interior Girder 2	191.25	0.95	1	1	28.948363
EV3_str	BOBJ1	191.25	After	Right Exterior Girder	191.25	0.95	1	1	43.690117
EV3_str	BOBJ1	199.9414	Before	Left Exterior Girder	199.9414	0.95	1	1	43.443217
EV3_str	BOBJ1	199.9414	Before	Interior Girder 1	199.9414	0.95	1	1	28.771853
EV3_str	BOBJ1	199.9414	Before	Interior Girder 2	199.9414	0.95	1	1	28.771852
EV3_str	BOBJ1	199.9414	Before	Right Exterior Girder	199.9414	0.95	1	1	43.443219

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Main Span Girders									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
EV3_str	BOBJ1	199.9414	After	Left Exterior Girder	199.9414	0.95	1	1	55.420617
EV3_str	BOBJ1	199.9414	After	Interior Girder 1	199.9414	0.95	1	1	34.979084
EV3_str	BOBJ1	199.9414	After	Interior Girder 2	199.9414	0.95	1	1	34.979083
EV3_str	BOBJ1	199.9414	After	Right Exterior Girder	199.9414	0.95	1	1	55.420619
EV3_str	BOBJ1	202.5	Before	Left Exterior Girder	202.5	0.95	1	1	55.33774
EV3_str	BOBJ1	202.5	Before	Interior Girder 1	202.5	0.95	1	1	34.923312
EV3_str	BOBJ1	202.5	Before	Interior Girder 2	202.5	0.95	1	1	34.923312
EV3_str	BOBJ1	202.5	Before	Right Exterior Girder	202.5	0.95	1	1	55.337742
EV3_str	BOBJ1	202.5	After	Left Exterior Girder	202.5	0.95	1	1	55.819929
EV3_str	BOBJ1	202.5	After	Interior Girder 1	202.5	0.95	1	1	35.253517
EV3_str	BOBJ1	202.5	After	Interior Girder 2	202.5	0.95	1	1	35.253517
EV3_str	BOBJ1	202.5	After	Right Exterior Girder	202.5	0.95	1	1	55.819931
EV3_str	BOBJ1	210.5642	Before	Left Exterior Girder	210.5642	0.95	1	1	55.556176
EV3_str	BOBJ1	210.5642	Before	Interior Girder 1	210.5642	0.95	1	1	35.075752
EV3_str	BOBJ1	210.5642	Before	Interior Girder 2	210.5642	0.95	1	1	35.075752
EV3_str	BOBJ1	210.5642	Before	Right Exterior Girder	210.5642	0.95	1	1	55.556178
EV3_str	BOBJ1	210.5642	After	Left Exterior Girder	210.5642	0.95	1	1	67.446046
EV3_str	BOBJ1	210.5642	After	Interior Girder 1	210.5642	0.95	1	1	40.891043
EV3_str	BOBJ1	210.5642	After	Interior Girder 2	210.5642	0.95	1	1	40.891042
EV3_str	BOBJ1	210.5642	After	Right Exterior Girder	210.5642	0.95	1	1	67.446047
EV3_str	BOBJ1	213.75	Before	Left Exterior Girder	213.75	0.95	1	1	67.328859
EV3_str	BOBJ1	213.75	Before	Interior Girder 1	213.75	0.95	1	1	40.815862
EV3_str	BOBJ1	213.75	Before	Interior Girder 2	213.75	0.95	1	1	40.815862
EV3_str	BOBJ1	213.75	Before	Right Exterior Girder	213.75	0.95	1	1	67.32886
EV3_str	BOBJ1	213.75	After	Left Exterior Girder	213.75	0.95	1	1	67.466676
EV3_str	BOBJ1	213.75	After	Interior Girder 1	213.75	0.95	1	1	39.770374
EV3_str	BOBJ1	213.75	After	Interior Girder 2	213.75	0.95	1	1	39.770374
EV3_str	BOBJ1	213.75	After	Right Exterior Girder	213.75	0.95	1	1	67.466677
EV3_str	BOBJ1	225	Before	Left Exterior Girder	225	0.95	1	1	67.051673
EV3_str	BOBJ1	225	Before	Interior Girder 1	225	0.95	1	1	39.511433
EV3_str	BOBJ1	225	Before	Interior Girder 2	225	0.95	1	1	39.511433
EV3_str	BOBJ1	225	Before	Right Exterior Girder	225	0.95	1	1	67.051675
EV3_str	BOBJ1	225	After	Left Exterior Girder	0	0.95	1	1	63.200582
EV3_str	BOBJ1	225	After	Interior Girder 1	0	0.95	1	1	37.267177
EV3_str	BOBJ1	225	After	Interior Girder 2	0	0.95	1	1	37.267177
EV3_str	BOBJ1	225	After	Right Exterior Girder	0	0.95	1	1	63.200581
EV3_str	BOBJ1	236.45	Before	Left Exterior Girder	11.45	0.95	1	1	64.860574
EV3_str	BOBJ1	236.45	Before	Interior Girder 1	11.45	0.95	1	1	39.719121
EV3_str	BOBJ1	236.45	Before	Interior Girder 2	11.45	0.95	1	1	39.719121
EV3_str	BOBJ1	236.45	Before	Right Exterior Girder	11.45	0.95	1	1	64.860574
EV3_str	BOBJ1	236.45	After	Left Exterior Girder	11.45	0.95	1	1	64.726367
EV3_str	BOBJ1	236.45	After	Interior Girder 1	11.45	0.95	1	1	40.175385
EV3_str	BOBJ1	236.45	After	Interior Girder 2	11.45	0.95	1	1	40.175385
EV3_str	BOBJ1	236.45	After	Right Exterior Girder	11.45	0.95	1	1	64.726366
EV3_str	BOBJ1	239.5082	Before	Left Exterior Girder	14.5082	0.95	1	1	64.835649
EV3_str	BOBJ1	239.5082	Before	Interior Girder 1	14.5082	0.95	1	1	40.247134
EV3_str	BOBJ1	239.5082	Before	Interior Girder 2	14.5082	0.95	1	1	40.247134
EV3_str	BOBJ1	239.5082	Before	Right Exterior Girder	14.5082	0.95	1	1	64.835648
EV3_str	BOBJ1	239.5082	After	Left Exterior Girder	14.5082	0.95	1	1	53.151754
EV3_str	BOBJ1	239.5082	After	Interior Girder 1	14.5082	0.95	1	1	34.527749
EV3_str	BOBJ1	239.5082	After	Interior Girder 2	14.5082	0.95	1	1	34.52775
EV3_str	BOBJ1	239.5082	After	Right Exterior Girder	14.5082	0.95	1	1	53.151753
EV3_str	BOBJ1	247.9	Before	Left Exterior Girder	22.9	0.95	1	1	53.417799
EV3_str	BOBJ1	247.9	Before	Interior Girder 1	22.9	0.95	1	1	34.712159
EV3_str	BOBJ1	247.9	Before	Interior Girder 2	22.9	0.95	1	1	34.712159
EV3_str	BOBJ1	247.9	Before	Right Exterior Girder	22.9	0.95	1	1	53.417798
EV3_str	BOBJ1	247.9	After	Left Exterior Girder	22.9	0.95	1	1	55.356634
EV3_str	BOBJ1	247.9	After	Interior Girder 1	22.9	0.95	1	1	36.99169
EV3_str	BOBJ1	247.9	After	Interior Girder 2	22.9	0.95	1	1	36.99169
EV3_str	BOBJ1	247.9	After	Right Exterior Girder	22.9	0.95	1	1	55.356633
EV3_str	BOBJ1	258.5189	Before	Left Exterior Girder	33.5189	0.95	1	1	55.704708
EV3_str	BOBJ1	258.5189	Before	Interior Girder 1	33.5189	0.95	1	1	37.239865
EV3_str	BOBJ1	258.5189	Before	Interior Girder 2	33.5189	0.95	1	1	37.239865
EV3_str	BOBJ1	258.5189	Before	Right Exterior Girder	33.5189	0.95	1	1	55.704707
EV3_str	BOBJ1	258.5189	After	Left Exterior Girder	33.5189	0.95	1	1	40.955272
EV3_str	BOBJ1	258.5189	After	Interior Girder 1	33.5189	0.95	1	1	29.256352
EV3_str	BOBJ1	258.5189	After	Interior Girder 2	33.5189	0.95	1	1	29.256352
EV3_str	BOBJ1	258.5189	After	Right Exterior Girder	33.5189	0.95	1	1	40.955271

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Main Span Girders									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
EV3_str	BOBJ1	259.3	Before	Left Exterior Girder	34.3	0.95	1	1	40.976463
EV3_str	BOBJ1	259.3	Before	Interior Girder 1	34.3	0.95	1	1	29.272572
EV3_str	BOBJ1	259.3	Before	Interior Girder 2	34.3	0.95	1	1	29.272573
EV3_str	BOBJ1	259.3	Before	Right Exterior Girder	34.3	0.95	1	1	40.976462
EV3_str	BOBJ1	259.3	After	Left Exterior Girder	34.3	0.95	1	1	42.785207
EV3_str	BOBJ1	259.3	After	Interior Girder 1	34.3	0.95	1	1	30.077783
EV3_str	BOBJ1	259.3	After	Interior Girder 2	34.3	0.95	1	1	30.077783
EV3_str	BOBJ1	259.3	After	Right Exterior Girder	34.3	0.95	1	1	42.785206
EV3_str	BOBJ1	266.1031	Before	Left Exterior Girder	41.1031	0.95	1	1	42.977104
EV3_str	BOBJ1	266.1031	Before	Interior Girder 1	41.1031	0.95	1	1	30.2233
EV3_str	BOBJ1	266.1031	Before	Interior Girder 2	41.1031	0.95	1	1	30.2233
EV3_str	BOBJ1	266.1031	Before	Right Exterior Girder	41.1031	0.95	1	1	42.977104
EV3_str	BOBJ1	266.1031	After	Left Exterior Girder	41.1031	0.95	1	1	26.953965
EV3_str	BOBJ1	266.1031	After	Interior Girder 1	41.1031	0.95	1	1	19.539818
EV3_str	BOBJ1	266.1031	After	Interior Girder 2	41.1031	0.95	1	1	19.539818
EV3_str	BOBJ1	266.1031	After	Right Exterior Girder	41.1031	0.95	1	1	26.953964
EV3_str	BOBJ1	270.7	Before	Left Exterior Girder	45.7	0.95	1	1	27.057091
EV3_str	BOBJ1	270.7	Before	Interior Girder 1	45.7	0.95	1	1	19.621983
EV3_str	BOBJ1	270.7	Before	Interior Girder 2	45.7	0.95	1	1	19.621984
EV3_str	BOBJ1	270.7	Before	Right Exterior Girder	45.7	0.95	1	1	27.05709
EV3_str	BOBJ1	270.7	After	Left Exterior Girder	45.7	0.95	1	1	27.285634
EV3_str	BOBJ1	270.7	After	Interior Girder 1	45.7	0.95	1	1	18.993345
EV3_str	BOBJ1	270.7	After	Interior Girder 2	45.7	0.95	1	1	18.993345
EV3_str	BOBJ1	270.7	After	Right Exterior Girder	45.7	0.95	1	1	27.285633
EV3_str	BOBJ1	273.6874	Before	Left Exterior Girder	48.6874	0.95	1	1	27.35309
EV3_str	BOBJ1	273.6874	Before	Interior Girder 1	48.6874	0.95	1	1	19.04487
EV3_str	BOBJ1	273.6874	Before	Interior Girder 2	48.6874	0.95	1	1	19.04487
EV3_str	BOBJ1	273.6874	Before	Right Exterior Girder	48.6874	0.95	1	1	27.353089
EV3_str	BOBJ1	273.6874	After	Left Exterior Girder	48.6874	0.95	1	1	18.059171
EV3_str	BOBJ1	273.6874	After	Interior Girder 1	48.6874	0.95	1	1	13.256709
EV3_str	BOBJ1	273.6874	After	Interior Girder 2	48.6874	0.95	1	1	13.256709
EV3_str	BOBJ1	273.6874	After	Right Exterior Girder	48.6874	0.95	1	1	18.05917
EV3_str	BOBJ1	282.15	Before	Left Exterior Girder	57.15	0.95	1	1	18.220746
EV3_str	BOBJ1	282.15	Before	Interior Girder 1	57.15	0.95	1	1	13.389752
EV3_str	BOBJ1	282.15	Before	Interior Girder 2	57.15	0.95	1	1	13.389752
EV3_str	BOBJ1	282.15	Before	Right Exterior Girder	57.15	0.95	1	1	18.220745
EV3_str	BOBJ1	282.15	After	Left Exterior Girder	57.15	0.95	1	1	18.485973
EV3_str	BOBJ1	282.15	After	Interior Girder 1	57.15	0.95	1	1	13.95886
EV3_str	BOBJ1	282.15	After	Interior Girder 2	57.15	0.95	1	1	13.958861
EV3_str	BOBJ1	282.15	After	Right Exterior Girder	57.15	0.95	1	1	18.485972
EV3_str	BOBJ1	293.6	Before	Left Exterior Girder	68.6	0.95	1	1	19.493805
EV3_str	BOBJ1	293.6	Before	Interior Girder 1	68.6	0.95	1	1	15.291392
EV3_str	BOBJ1	293.6	Before	Interior Girder 2	68.6	0.95	1	1	15.291392
EV3_str	BOBJ1	293.6	Before	Right Exterior Girder	68.6	0.95	1	1	19.493804
EV3_str	BOBJ1	293.6	After	Left Exterior Girder	68.6	0.95	1	1	19.950894
EV3_str	BOBJ1	293.6	After	Interior Girder 1	68.6	0.95	1	1	14.399247
EV3_str	BOBJ1	293.6	After	Interior Girder 2	68.6	0.95	1	1	14.399248
EV3_str	BOBJ1	293.6	After	Right Exterior Girder	68.6	0.95	1	1	19.950895
EV3_str	BOBJ1	305	Before	Left Exterior Girder	80	0.95	1	1	21.081078
EV3_str	BOBJ1	305	Before	Interior Girder 1	80	0.95	1	1	15.632371
EV3_str	BOBJ1	305	Before	Interior Girder 2	80	0.95	1	1	15.632371
EV3_str	BOBJ1	305	Before	Right Exterior Girder	80	0.95	1	1	21.081079
EV3_str	BOBJ1	305	After	Left Exterior Girder	80	0.95	1	1	20.61905
EV3_str	BOBJ1	305	After	Interior Girder 1	80	0.95	1	1	15.62436
EV3_str	BOBJ1	305	After	Interior Girder 2	80	0.95	1	1	15.62436
EV3_str	BOBJ1	305	After	Right Exterior Girder	80	0.95	1	1	20.619052
EV3_str	BOBJ1	306.9561	Before	Left Exterior Girder	81.9561	0.95	1	1	20.659752
EV3_str	BOBJ1	306.9561	Before	Interior Girder 1	81.9561	0.95	1	1	15.658702
EV3_str	BOBJ1	306.9561	Before	Interior Girder 2	81.9561	0.95	1	1	15.658702
EV3_str	BOBJ1	306.9561	Before	Right Exterior Girder	81.9561	0.95	1	1	20.659754
EV3_str	BOBJ1	306.9561	After	Left Exterior Girder	81.9561	0.95	1	1	37.884627
EV3_str	BOBJ1	306.9561	After	Interior Girder 1	81.9561	0.95	1	1	29.329375
EV3_str	BOBJ1	306.9561	After	Interior Girder 2	81.9561	0.95	1	1	29.329375
EV3_str	BOBJ1	306.9561	After	Right Exterior Girder	81.9561	0.95	1	1	37.884631
EV3_str	BOBJ1	316.4	Before	Left Exterior Girder	91.4	0.95	1	1	38.157102
EV3_str	BOBJ1	316.4	Before	Interior Girder 1	91.4	0.95	1	1	29.560563
EV3_str	BOBJ1	316.4	Before	Interior Girder 2	91.4	0.95	1	1	29.560563
EV3_str	BOBJ1	316.4	Before	Right Exterior Girder	91.4	0.95	1	1	38.157105

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Main Span Girders									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
EV3_str	BOBJ1	316.4	After	Left Exterior Girder	91.4	0.95	1	1	39.166599
EV3_str	BOBJ1	316.4	After	Interior Girder 1	91.4	0.95	1	1	27.177762
EV3_str	BOBJ1	316.4	After	Interior Girder 2	91.4	0.95	1	1	27.177762
EV3_str	BOBJ1	316.4	After	Right Exterior Girder	91.4	0.95	1	1	39.166601
EV3_str	BOBJ1	327.85	Before	Left Exterior Girder	102.9679	0.95	1	1	41.563321
EV3_str	BOBJ1	327.85	Before	Interior Girder 1	102.9679	0.95	1	1	29.693658
EV3_str	BOBJ1	327.85	Before	Interior Girder 2	102.9679	0.95	1	1	29.693659
EV3_str	BOBJ1	327.85	Before	Right Exterior Girder	102.9679	0.95	1	1	41.563323
EV3_str	BOBJ1	327.85	After	Left Exterior Girder	102.9679	0.95	1	1	64.707347
EV3_str	BOBJ1	327.85	After	Interior Girder 1	102.9679	0.95	1	1	46.421794
EV3_str	BOBJ1	327.85	After	Interior Girder 2	102.9679	0.95	1	1	46.421795
EV3_str	BOBJ1	327.85	After	Right Exterior Girder	102.9679	0.95	1	1	64.707349
EV3_str	BOBJ1	339.3	Before	Left Exterior Girder	114.3	0.95	1	1	68.411144
EV3_str	BOBJ1	339.3	Before	Interior Girder 1	114.3	0.95	1	1	50.565573
EV3_str	BOBJ1	339.3	Before	Interior Girder 2	114.3	0.95	1	1	50.565574
EV3_str	BOBJ1	339.3	Before	Right Exterior Girder	114.3	0.95	1	1	68.411146
EV3_str	BOBJ1	339.3	After	Left Exterior Girder	114.3	0.95	1	1	70.681797
EV3_str	BOBJ1	339.3	After	Interior Girder 1	114.3	0.95	1	1	45.917337
EV3_str	BOBJ1	339.3	After	Interior Girder 2	114.3	0.95	1	1	45.917336
EV3_str	BOBJ1	339.3	After	Right Exterior Girder	114.3	0.95	1	1	70.681795
EV3_str	BOBJ1	350.7	Before	Left Exterior Girder	125.7	0.95	1	1	75.198919
EV3_str	BOBJ1	350.7	Before	Interior Girder 1	125.7	0.95	1	1	50.209015
EV3_str	BOBJ1	350.7	Before	Interior Girder 2	125.7	0.95	1	1	50.209014
EV3_str	BOBJ1	350.7	Before	Right Exterior Girder	125.7	0.95	1	1	75.198917
EV3_str	BOBJ1	350.7	After	Left Exterior Girder	125.7	0.95	1	1	76.949662
EV3_str	BOBJ1	350.7	After	Interior Girder 1	125.7	0.95	1	1	51.243234
EV3_str	BOBJ1	350.7	After	Interior Girder 2	125.7	0.95	1	1	51.243232
EV3_str	BOBJ1	350.7	After	Right Exterior Girder	125.7	0.95	1	1	76.949661
EV3_str	BOBJ1	362.1	Before	Left Exterior Girder	137.1	0.95	1	1	81.95432
EV3_str	BOBJ1	362.1	Before	Interior Girder 1	137.1	0.95	1	1	56.101764
EV3_str	BOBJ1	362.1	Before	Interior Girder 2	137.1	0.95	1	1	56.101764
EV3_str	BOBJ1	362.1	Before	Right Exterior Girder	137.1	0.95	1	1	81.95432
EV3_str	BOBJ1	362.1	After	Left Exterior Girder	137.1	0.95	1	1	85.428298
EV3_str	BOBJ1	362.1	After	Interior Girder 1	137.1	0.95	1	1	50.338354
EV3_str	BOBJ1	362.1	After	Interior Girder 2	137.1	0.95	1	1	50.338355
EV3_str	BOBJ1	362.1	After	Right Exterior Girder	137.1	0.95	1	1	85.428292
EV3_str	BOBJ1	373.55	Before	Left Exterior Girder	148.55	0.95	1	1	91.727368
EV3_str	BOBJ1	373.55	Before	Interior Girder 1	148.55	0.95	1	1	55.26398
EV3_str	BOBJ1	373.55	Before	Interior Girder 2	148.55	0.95	1	1	55.26398
EV3_str	BOBJ1	373.55	Before	Right Exterior Girder	148.55	0.95	1	1	91.72736
EV3_str	BOBJ1	373.55	After	Left Exterior Girder	148.55	0.95	1	1	94.428625
EV3_str	BOBJ1	373.55	After	Interior Girder 1	148.55	0.95	1	1	56.42572
EV3_str	BOBJ1	373.55	After	Interior Girder 2	148.55	0.95	1	1	56.42572
EV3_str	BOBJ1	373.55	After	Right Exterior Girder	148.55	0.95	1	1	94.428616
EV3_str	BOBJ1	385	Before	Left Exterior Girder	160	0.95	1	1	101.761967
EV3_str	BOBJ1	385	Before	Interior Girder 1	160	0.95	1	1	55.146034
EV3_str	BOBJ1	385	Before	Interior Girder 2	160	0.95	1	1	55.146033
EV3_str	BOBJ1	385	Before	Right Exterior Girder	160	0.95	1	1	101.761955
EV3_str	BOBJ1	385	After	Left Exterior Girder	160	0.95	1	1	101.761955
EV3_str	BOBJ1	385	After	Interior Girder 1	160	0.95	1	1	55.14603
EV3_str	BOBJ1	385	After	Interior Girder 2	160	0.95	1	1	55.146032
EV3_str	BOBJ1	385	After	Right Exterior Girder	160	0.95	1	1	101.761968
EV3_str	BOBJ1	396.45	Before	Left Exterior Girder	171.45	0.95	1	1	94.428615
EV3_str	BOBJ1	396.45	Before	Interior Girder 1	171.45	0.95	1	1	56.425722
EV3_str	BOBJ1	396.45	Before	Interior Girder 2	171.45	0.95	1	1	56.425722
EV3_str	BOBJ1	396.45	Before	Right Exterior Girder	171.45	0.95	1	1	94.428625
EV3_str	BOBJ1	396.45	After	Left Exterior Girder	171.45	0.95	1	1	91.727356
EV3_str	BOBJ1	396.45	After	Interior Girder 1	171.45	0.95	1	1	55.263982
EV3_str	BOBJ1	396.45	After	Interior Girder 2	171.45	0.95	1	1	55.263982
EV3_str	BOBJ1	396.45	After	Right Exterior Girder	171.45	0.95	1	1	91.727365
EV3_str	BOBJ1	407.9	Before	Left Exterior Girder	182.9	0.95	1	1	85.42829
EV3_str	BOBJ1	407.9	Before	Interior Girder 1	182.9	0.95	1	1	50.338358
EV3_str	BOBJ1	407.9	Before	Interior Girder 2	182.9	0.95	1	1	50.338356
EV3_str	BOBJ1	407.9	Before	Right Exterior Girder	182.9	0.95	1	1	85.428296
EV3_str	BOBJ1	407.9	After	Left Exterior Girder	182.9	0.95	1	1	81.954312
EV3_str	BOBJ1	407.9	After	Interior Girder 1	182.9	0.95	1	1	56.101769
EV3_str	BOBJ1	407.9	After	Interior Girder 2	182.9	0.95	1	1	56.101766
EV3_str	BOBJ1	407.9	After	Right Exterior Girder	182.9	0.95	1	1	81.954315

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Main Span Girders									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
EV3_str	BOBJ1	419.3	Before	Left Exterior Girder	194.3	0.95	1	1	76.949655
EV3_str	BOBJ1	419.3	Before	Interior Girder 1	194.3	0.95	1	1	51.243235
EV3_str	BOBJ1	419.3	Before	Interior Girder 2	194.3	0.95	1	1	51.243234
EV3_str	BOBJ1	419.3	Before	Right Exterior Girder	194.3	0.95	1	1	76.949658
EV3_str	BOBJ1	419.3	After	Left Exterior Girder	194.3	0.95	1	1	75.198911
EV3_str	BOBJ1	419.3	After	Interior Girder 1	194.3	0.95	1	1	50.209017
EV3_str	BOBJ1	419.3	After	Interior Girder 2	194.3	0.95	1	1	50.209016
EV3_str	BOBJ1	419.3	After	Right Exterior Girder	194.3	0.95	1	1	75.198916
EV3_str	BOBJ1	430.7	Before	Left Exterior Girder	205.7	0.95	1	1	70.681791
EV3_str	BOBJ1	430.7	Before	Interior Girder 1	205.7	0.95	1	1	45.91734
EV3_str	BOBJ1	430.7	Before	Interior Girder 2	205.7	0.95	1	1	45.917338
EV3_str	BOBJ1	430.7	Before	Right Exterior Girder	205.7	0.95	1	1	70.681795
EV3_str	BOBJ1	430.7	After	Left Exterior Girder	205.7	0.95	1	1	68.411143
EV3_str	BOBJ1	430.7	After	Interior Girder 1	205.7	0.95	1	1	50.565575
EV3_str	BOBJ1	430.7	After	Interior Girder 2	205.7	0.95	1	1	50.565572
EV3_str	BOBJ1	430.7	After	Right Exterior Girder	205.7	0.95	1	1	68.41115
EV3_str	BOBJ1	442.15	Before	Left Exterior Girder	217.0321	0.95	1	1	64.707348
EV3_str	BOBJ1	442.15	Before	Interior Girder 1	217.0321	0.95	1	1	46.421795
EV3_str	BOBJ1	442.15	Before	Interior Girder 2	217.0321	0.95	1	1	46.421793
EV3_str	BOBJ1	442.15	Before	Right Exterior Girder	217.0321	0.95	1	1	64.707352
EV3_str	BOBJ1	442.15	After	Left Exterior Girder	217.0321	0.95	1	1	41.563321
EV3_str	BOBJ1	442.15	After	Interior Girder 1	217.0321	0.95	1	1	29.693658
EV3_str	BOBJ1	442.15	After	Interior Girder 2	217.0321	0.95	1	1	29.693658
EV3_str	BOBJ1	442.15	After	Right Exterior Girder	217.0321	0.95	1	1	41.563324
EV3_str	BOBJ1	453.6	Before	Left Exterior Girder	228.6	0.95	1	1	39.1666
EV3_str	BOBJ1	453.6	Before	Interior Girder 1	228.6	0.95	1	1	27.177762
EV3_str	BOBJ1	453.6	Before	Interior Girder 2	228.6	0.95	1	1	27.177761
EV3_str	BOBJ1	453.6	Before	Right Exterior Girder	228.6	0.95	1	1	39.166603
EV3_str	BOBJ1	453.6	After	Left Exterior Girder	228.6	0.95	1	1	38.157103
EV3_str	BOBJ1	453.6	After	Interior Girder 1	228.6	0.95	1	1	29.560563
EV3_str	BOBJ1	453.6	After	Interior Girder 2	228.6	0.95	1	1	29.560562
EV3_str	BOBJ1	453.6	After	Right Exterior Girder	228.6	0.95	1	1	38.157103
EV3_str	BOBJ1	463.0439	Before	Left Exterior Girder	238.0439	0.95	1	1	37.884629
EV3_str	BOBJ1	463.0439	Before	Interior Girder 1	238.0439	0.95	1	1	29.329375
EV3_str	BOBJ1	463.0439	Before	Interior Girder 2	238.0439	0.95	1	1	29.329374
EV3_str	BOBJ1	463.0439	Before	Right Exterior Girder	238.0439	0.95	1	1	37.884628
EV3_str	BOBJ1	463.0439	After	Left Exterior Girder	238.0439	0.95	1	1	20.659753
EV3_str	BOBJ1	463.0439	After	Interior Girder 1	238.0439	0.95	1	1	15.658702
EV3_str	BOBJ1	463.0439	After	Interior Girder 2	238.0439	0.95	1	1	15.658702
EV3_str	BOBJ1	463.0439	After	Right Exterior Girder	238.0439	0.95	1	1	20.659752
EV3_str	BOBJ1	465	Before	Left Exterior Girder	240	0.95	1	1	20.619051
EV3_str	BOBJ1	465	Before	Interior Girder 1	240	0.95	1	1	15.62436
EV3_str	BOBJ1	465	Before	Interior Girder 2	240	0.95	1	1	15.62436
EV3_str	BOBJ1	465	Before	Right Exterior Girder	240	0.95	1	1	20.619051
EV3_str	BOBJ1	465	After	Left Exterior Girder	240	0.95	1	1	21.081078
EV3_str	BOBJ1	465	After	Interior Girder 1	240	0.95	1	1	15.632371
EV3_str	BOBJ1	465	After	Interior Girder 2	240	0.95	1	1	15.63237
EV3_str	BOBJ1	465	After	Right Exterior Girder	240	0.95	1	1	21.081078
EV3_str	BOBJ1	476.4	Before	Left Exterior Girder	251.4	0.95	1	1	19.950894
EV3_str	BOBJ1	476.4	Before	Interior Girder 1	251.4	0.95	1	1	14.399248
EV3_str	BOBJ1	476.4	Before	Interior Girder 2	251.4	0.95	1	1	14.399247
EV3_str	BOBJ1	476.4	Before	Right Exterior Girder	251.4	0.95	1	1	19.950894
EV3_str	BOBJ1	476.4	After	Left Exterior Girder	251.4	0.95	1	1	19.493804
EV3_str	BOBJ1	476.4	After	Interior Girder 1	251.4	0.95	1	1	15.291393
EV3_str	BOBJ1	476.4	After	Interior Girder 2	251.4	0.95	1	1	15.291393
EV3_str	BOBJ1	476.4	After	Right Exterior Girder	251.4	0.95	1	1	19.493804
EV3_str	BOBJ1	487.85	Before	Left Exterior Girder	262.85	0.95	1	1	18.485972
EV3_str	BOBJ1	487.85	Before	Interior Girder 1	262.85	0.95	1	1	13.95886
EV3_str	BOBJ1	487.85	Before	Interior Girder 2	262.85	0.95	1	1	13.958861
EV3_str	BOBJ1	487.85	Before	Right Exterior Girder	262.85	0.95	1	1	18.485972
EV3_str	BOBJ1	487.85	After	Left Exterior Girder	262.85	0.95	1	1	18.220745
EV3_str	BOBJ1	487.85	After	Interior Girder 1	262.85	0.95	1	1	13.389751
EV3_str	BOBJ1	487.85	After	Interior Girder 2	262.85	0.95	1	1	13.389752
EV3_str	BOBJ1	487.85	After	Right Exterior Girder	262.85	0.95	1	1	18.220745
EV3_str	BOBJ1	496.3126	Before	Left Exterior Girder	271.3126	0.95	1	1	18.05917
EV3_str	BOBJ1	496.3126	Before	Interior Girder 1	271.3126	0.95	1	1	13.256709
EV3_str	BOBJ1	496.3126	Before	Interior Girder 2	271.3126	0.95	1	1	13.25671
EV3_str	BOBJ1	496.3126	Before	Right Exterior Girder	271.3126	0.95	1	1	18.05917

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Main Span Girders									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
EV3_str	BOBJ1	496.3126	After	Left Exterior Girder	271.3126	0.95	1	1	27.353088
EV3_str	BOBJ1	496.3126	After	Interior Girder 1	271.3126	0.95	1	1	19.04487
EV3_str	BOBJ1	496.3126	After	Interior Girder 2	271.3126	0.95	1	1	19.044871
EV3_str	BOBJ1	496.3126	After	Right Exterior Girder	271.3126	0.95	1	1	27.353088
EV3_str	BOBJ1	499.3	Before	Left Exterior Girder	274.3	0.95	1	1	27.285632
EV3_str	BOBJ1	499.3	Before	Interior Girder 1	274.3	0.95	1	1	18.993345
EV3_str	BOBJ1	499.3	Before	Interior Girder 2	274.3	0.95	1	1	18.993346
EV3_str	BOBJ1	499.3	Before	Right Exterior Girder	274.3	0.95	1	1	27.285632
EV3_str	BOBJ1	499.3	After	Left Exterior Girder	274.3	0.95	1	1	27.057091
EV3_str	BOBJ1	499.3	After	Interior Girder 1	274.3	0.95	1	1	19.621984
EV3_str	BOBJ1	499.3	After	Interior Girder 2	274.3	0.95	1	1	19.621985
EV3_str	BOBJ1	499.3	After	Right Exterior Girder	274.3	0.95	1	1	27.057089
EV3_str	BOBJ1	503.8969	Before	Left Exterior Girder	278.8969	0.95	1	1	26.953965
EV3_str	BOBJ1	503.8969	Before	Interior Girder 1	278.8969	0.95	1	1	19.539818
EV3_str	BOBJ1	503.8969	Before	Interior Girder 2	278.8969	0.95	1	1	19.539819
EV3_str	BOBJ1	503.8969	Before	Right Exterior Girder	278.8969	0.95	1	1	26.953963
EV3_str	BOBJ1	503.8969	After	Left Exterior Girder	278.8969	0.95	1	1	42.977104
EV3_str	BOBJ1	503.8969	After	Interior Girder 1	278.8969	0.95	1	1	30.2233
EV3_str	BOBJ1	503.8969	After	Interior Girder 2	278.8969	0.95	1	1	30.223301
EV3_str	BOBJ1	503.8969	After	Right Exterior Girder	278.8969	0.95	1	1	42.977102
EV3_str	BOBJ1	510.7	Before	Left Exterior Girder	285.7	0.95	1	1	42.785207
EV3_str	BOBJ1	510.7	Before	Interior Girder 1	285.7	0.95	1	1	30.077783
EV3_str	BOBJ1	510.7	Before	Interior Girder 2	285.7	0.95	1	1	30.077785
EV3_str	BOBJ1	510.7	Before	Right Exterior Girder	285.7	0.95	1	1	42.785204
EV3_str	BOBJ1	510.7	After	Left Exterior Girder	285.7	0.95	1	1	39.630539
EV3_str	BOBJ1	510.7	After	Interior Girder 1	285.7	0.95	1	1	27.422638
EV3_str	BOBJ1	510.7	After	Interior Girder 2	285.7	0.95	1	1	27.422639
EV3_str	BOBJ1	510.7	After	Right Exterior Girder	285.7	0.95	1	1	39.630537
EV3_str	BOBJ1	511.4811	Before	Left Exterior Girder	286.4811	0.95	1	1	39.610044
EV3_str	BOBJ1	511.4811	Before	Interior Girder 1	286.4811	0.95	1	1	27.407443
EV3_str	BOBJ1	511.4811	Before	Interior Girder 2	286.4811	0.95	1	1	27.407444
EV3_str	BOBJ1	511.4811	Before	Right Exterior Girder	286.4811	0.95	1	1	39.610042
EV3_str	BOBJ1	511.4811	After	Left Exterior Girder	286.4811	0.95	1	1	55.852053
EV3_str	BOBJ1	511.4811	After	Interior Girder 1	286.4811	0.95	1	1	37.446893
EV3_str	BOBJ1	511.4811	After	Interior Girder 2	286.4811	0.95	1	1	37.446894
EV3_str	BOBJ1	511.4811	After	Right Exterior Girder	286.4811	0.95	1	1	55.85205
EV3_str	BOBJ1	522.1	Before	Left Exterior Girder	297.1	0.95	1	1	55.503058
EV3_str	BOBJ1	522.1	Before	Interior Girder 1	297.1	0.95	1	1	37.197338
EV3_str	BOBJ1	522.1	Before	Interior Girder 2	297.1	0.95	1	1	37.19734
EV3_str	BOBJ1	522.1	Before	Right Exterior Girder	297.1	0.95	1	1	55.503055
EV3_str	BOBJ1	522.1	After	Left Exterior Girder	297.1	0.95	1	1	53.418096
EV3_str	BOBJ1	522.1	After	Interior Girder 1	297.1	0.95	1	1	34.708814
EV3_str	BOBJ1	522.1	After	Interior Girder 2	297.1	0.95	1	1	34.708814
EV3_str	BOBJ1	522.1	After	Right Exterior Girder	297.1	0.95	1	1	53.418095
EV3_str	BOBJ1	530.4918	Before	Left Exterior Girder	305.4918	0.95	1	1	53.15205
EV3_str	BOBJ1	530.4918	Before	Interior Girder 1	305.4918	0.95	1	1	34.524422
EV3_str	BOBJ1	530.4918	Before	Interior Girder 2	305.4918	0.95	1	1	34.524422
EV3_str	BOBJ1	530.4918	Before	Right Exterior Girder	305.4918	0.95	1	1	53.152049
EV3_str	BOBJ1	530.4918	After	Left Exterior Girder	305.4918	0.95	1	1	64.830926
EV3_str	BOBJ1	530.4918	After	Interior Girder 1	305.4918	0.95	1	1	40.249916
EV3_str	BOBJ1	530.4918	After	Interior Girder 2	305.4918	0.95	1	1	40.249916
EV3_str	BOBJ1	530.4918	After	Right Exterior Girder	305.4918	0.95	1	1	64.830925
EV3_str	BOBJ1	533.55	Before	Left Exterior Girder	308.55	0.95	1	1	64.721652
EV3_str	BOBJ1	533.55	Before	Interior Girder 1	308.55	0.95	1	1	40.178162
EV3_str	BOBJ1	533.55	Before	Interior Girder 2	308.55	0.95	1	1	40.178161
EV3_str	BOBJ1	533.55	Before	Right Exterior Girder	308.55	0.95	1	1	64.721651
EV3_str	BOBJ1	533.55	After	Left Exterior Girder	308.55	0.95	1	1	64.860573
EV3_str	BOBJ1	533.55	After	Interior Girder 1	308.55	0.95	1	1	39.719387
EV3_str	BOBJ1	533.55	After	Interior Girder 2	308.55	0.95	1	1	39.719386
EV3_str	BOBJ1	533.55	After	Right Exterior Girder	308.55	0.95	1	1	64.860573
EV3_str	BOBJ1	545	Before	Left Exterior Girder	320	0.95	1	1	63.200581
EV3_str	BOBJ1	545	Before	Interior Girder 1	320	0.95	1	1	37.267177
EV3_str	BOBJ1	545	Before	Interior Girder 2	320	0.95	1	1	37.267177
EV3_str	BOBJ1	545	Before	Right Exterior Girder	320	0.95	1	1	63.20058
EV3_str	BOBJ1	545	After	Left Exterior Girder	0	0.95	1	1	67.051674
EV3_str	BOBJ1	545	After	Interior Girder 1	0	0.95	1	1	39.511433
EV3_str	BOBJ1	545	After	Interior Girder 2	0	0.95	1	1	39.511433
EV3_str	BOBJ1	545	After	Right Exterior Girder	0	0.95	1	1	67.051673

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Main Span Girders									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
EV3_str	BOBJ1	556.25	Before	Left Exterior Girder	11.25	0.95	1	1	67.466676
EV3_str	BOBJ1	556.25	Before	Interior Girder 1	11.25	0.95	1	1	39.770373
EV3_str	BOBJ1	556.25	Before	Interior Girder 2	11.25	0.95	1	1	39.770373
EV3_str	BOBJ1	556.25	Before	Right Exterior Girder	11.25	0.95	1	1	67.466676
EV3_str	BOBJ1	556.25	After	Left Exterior Girder	11.25	0.95	1	1	67.328859
EV3_str	BOBJ1	556.25	After	Interior Girder 1	11.25	0.95	1	1	40.815861
EV3_str	BOBJ1	556.25	After	Interior Girder 2	11.25	0.95	1	1	40.815861
EV3_str	BOBJ1	556.25	After	Right Exterior Girder	11.25	0.95	1	1	67.328859
EV3_str	BOBJ1	559.4358	Before	Left Exterior Girder	14.4358	0.95	1	1	67.446046
EV3_str	BOBJ1	559.4358	Before	Interior Girder 1	14.4358	0.95	1	1	40.891042
EV3_str	BOBJ1	559.4358	Before	Interior Girder 2	14.4358	0.95	1	1	40.891042
EV3_str	BOBJ1	559.4358	Before	Right Exterior Girder	14.4358	0.95	1	1	67.446046
EV3_str	BOBJ1	559.4358	After	Left Exterior Girder	14.4358	0.95	1	1	55.556177
EV3_str	BOBJ1	559.4358	After	Interior Girder 1	14.4358	0.95	1	1	35.075752
EV3_str	BOBJ1	559.4358	After	Interior Girder 2	14.4358	0.95	1	1	35.075752
EV3_str	BOBJ1	559.4358	After	Right Exterior Girder	14.4358	0.95	1	1	55.556176
EV3_str	BOBJ1	567.5	Before	Left Exterior Girder	22.5	0.95	1	1	55.819929
EV3_str	BOBJ1	567.5	Before	Interior Girder 1	22.5	0.95	1	1	35.253516
EV3_str	BOBJ1	567.5	Before	Interior Girder 2	22.5	0.95	1	1	35.253517
EV3_str	BOBJ1	567.5	Before	Right Exterior Girder	22.5	0.95	1	1	55.819929
EV3_str	BOBJ1	567.5	After	Left Exterior Girder	22.5	0.95	1	1	55.337728
EV3_str	BOBJ1	567.5	After	Interior Girder 1	22.5	0.95	1	1	34.923311
EV3_str	BOBJ1	567.5	After	Interior Girder 2	22.5	0.95	1	1	34.923311
EV3_str	BOBJ1	567.5	After	Right Exterior Girder	22.5	0.95	1	1	55.337728
EV3_str	BOBJ1	570.0586	Before	Left Exterior Girder	25.0586	0.95	1	1	55.420605
EV3_str	BOBJ1	570.0586	Before	Interior Girder 1	25.0586	0.95	1	1	34.979082
EV3_str	BOBJ1	570.0586	Before	Interior Girder 2	25.0586	0.95	1	1	34.979083
EV3_str	BOBJ1	570.0586	Before	Right Exterior Girder	25.0586	0.95	1	1	55.420605
EV3_str	BOBJ1	570.0586	After	Left Exterior Girder	25.0586	0.95	1	1	43.443221
EV3_str	BOBJ1	570.0586	After	Interior Girder 1	25.0586	0.95	1	1	28.771896
EV3_str	BOBJ1	570.0586	After	Interior Girder 2	25.0586	0.95	1	1	28.771896
EV3_str	BOBJ1	570.0586	After	Right Exterior Girder	25.0586	0.95	1	1	43.443221
EV3_str	BOBJ1	578.75	Before	Left Exterior Girder	33.75	0.95	1	1	43.690119
EV3_str	BOBJ1	578.75	Before	Interior Girder 1	33.75	0.95	1	1	28.948408
EV3_str	BOBJ1	578.75	Before	Interior Girder 2	33.75	0.95	1	1	28.948408
EV3_str	BOBJ1	578.75	Before	Right Exterior Girder	33.75	0.95	1	1	43.690119
EV3_str	BOBJ1	578.75	After	Left Exterior Girder	33.75	0.95	1	1	44.835735
EV3_str	BOBJ1	578.75	After	Interior Girder 1	33.75	0.95	1	1	31.29724
EV3_str	BOBJ1	578.75	After	Interior Girder 2	33.75	0.95	1	1	31.29724
EV3_str	BOBJ1	578.75	After	Right Exterior Girder	33.75	0.95	1	1	44.835735
EV3_str	BOBJ1	586.8142	Before	Left Exterior Girder	41.8142	0.95	1	1	45.070379
EV3_str	BOBJ1	586.8142	Before	Interior Girder 1	41.8142	0.95	1	1	31.474004
EV3_str	BOBJ1	586.8142	Before	Interior Girder 2	41.8142	0.95	1	1	31.474004
EV3_str	BOBJ1	586.8142	Before	Right Exterior Girder	41.8142	0.95	1	1	45.070378
EV3_str	BOBJ1	586.8142	After	Left Exterior Girder	41.8142	0.95	1	1	28.179938
EV3_str	BOBJ1	586.8142	After	Interior Girder 1	41.8142	0.95	1	1	20.185868
EV3_str	BOBJ1	586.8142	After	Interior Girder 2	41.8142	0.95	1	1	20.185868
EV3_str	BOBJ1	586.8142	After	Right Exterior Girder	41.8142	0.95	1	1	28.179937
EV3_str	BOBJ1	590	Before	Left Exterior Girder	45	0.95	1	1	28.252751
EV3_str	BOBJ1	590	Before	Interior Girder 1	45	0.95	1	1	20.243167
EV3_str	BOBJ1	590	Before	Interior Girder 2	45	0.95	1	1	20.243167
EV3_str	BOBJ1	590	Before	Right Exterior Girder	45	0.95	1	1	28.252751
EV3_str	BOBJ1	590	After	Left Exterior Girder	45	0.95	1	1	30.179066
EV3_str	BOBJ1	590	After	Interior Girder 1	45	0.95	1	1	21.691166
EV3_str	BOBJ1	590	After	Interior Girder 2	45	0.95	1	1	21.691166
EV3_str	BOBJ1	590	After	Right Exterior Girder	45	0.95	1	1	30.179066
EV3_str	BOBJ1	601.25	Before	Left Exterior Girder	56.25	0.95	1	1	30.452467
EV3_str	BOBJ1	601.25	Before	Interior Girder 1	56.25	0.95	1	1	21.907432
EV3_str	BOBJ1	601.25	Before	Interior Girder 2	56.25	0.95	1	1	21.907432
EV3_str	BOBJ1	601.25	Before	Right Exterior Girder	56.25	0.95	1	1	30.452466
EV3_str	BOBJ1	601.25	After	Left Exterior Girder	56.25	0.95	1	1	28.804634
EV3_str	BOBJ1	601.25	After	Interior Girder 1	56.25	0.95	1	1	22.78583
EV3_str	BOBJ1	601.25	After	Interior Girder 2	56.25	0.95	1	1	22.78583
EV3_str	BOBJ1	601.25	After	Right Exterior Girder	56.25	0.95	1	1	28.804634
EV3_str	BOBJ1	601.7478	Before	Left Exterior Girder	56.7478	0.95	1	1	28.816126
EV3_str	BOBJ1	601.7478	Before	Interior Girder 1	56.7478	0.95	1	1	22.795704
EV3_str	BOBJ1	601.7478	Before	Interior Girder 2	56.7478	0.95	1	1	22.795704
EV3_str	BOBJ1	601.7478	Before	Right Exterior Girder	56.7478	0.95	1	1	28.816126

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Main Span Girders									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
EV3_str	BOBJ1	601.7478	After	Left Exterior Girder	56.7478	0.95	1	1	20.691841
EV3_str	BOBJ1	601.7478	After	Interior Girder 1	56.7478	0.95	1	1	15.943194
EV3_str	BOBJ1	601.7478	After	Interior Girder 2	56.7478	0.95	1	1	15.943194
EV3_str	BOBJ1	601.7478	After	Right Exterior Girder	56.7478	0.95	1	1	20.691841
EV3_str	BOBJ1	612.5	Before	Left Exterior Girder	67.5	0.95	1	1	20.914379
EV3_str	BOBJ1	612.5	Before	Interior Girder 1	67.5	0.95	1	1	16.135775
EV3_str	BOBJ1	612.5	Before	Interior Girder 2	67.5	0.95	1	1	16.135775
EV3_str	BOBJ1	612.5	Before	Right Exterior Girder	67.5	0.95	1	1	20.914379
EV3_str	BOBJ1	612.5	After	Left Exterior Girder	67.5	0.95	1	1	22.545509
EV3_str	BOBJ1	612.5	After	Interior Girder 1	67.5	0.95	1	1	16.496777
EV3_str	BOBJ1	612.5	After	Interior Girder 2	67.5	0.95	1	1	16.496777
EV3_str	BOBJ1	612.5	After	Right Exterior Girder	67.5	0.95	1	1	22.54551
EV3_str	BOBJ1	623.75	Before	Left Exterior Girder	78.75	0.95	1	1	22.79456
EV3_str	BOBJ1	623.75	Before	Interior Girder 1	78.75	0.95	1	1	16.701452
EV3_str	BOBJ1	623.75	Before	Interior Girder 2	78.75	0.95	1	1	16.701451
EV3_str	BOBJ1	623.75	Before	Right Exterior Girder	78.75	0.95	1	1	22.794561
EV3_str	BOBJ1	623.75	After	Left Exterior Girder	78.75	0.95	1	1	24.505878
EV3_str	BOBJ1	623.75	After	Interior Girder 1	78.75	0.95	1	1	18.832175
EV3_str	BOBJ1	623.75	After	Interior Girder 2	78.75	0.95	1	1	18.832174
EV3_str	BOBJ1	623.75	After	Right Exterior Girder	78.75	0.95	1	1	24.505879
EV3_str	BOBJ1	635	Before	Left Exterior Girder	90	0.95	1	1	24.772045
EV3_str	BOBJ1	635	Before	Interior Girder 1	90	0.95	1	1	19.061863
EV3_str	BOBJ1	635	Before	Interior Girder 2	90	0.95	1	1	19.061863
EV3_str	BOBJ1	635	Before	Right Exterior Girder	90	0.95	1	1	24.772046
EV3_str	BOBJ1	635	After	Left Exterior Girder	90	0.95	1	1	26.811104
EV3_str	BOBJ1	635	After	Interior Girder 1	90	0.95	1	1	18.254345
EV3_str	BOBJ1	635	After	Interior Girder 2	90	0.95	1	1	18.254344
EV3_str	BOBJ1	635	After	Right Exterior Girder	90	0.95	1	1	26.811105
EV3_str	BOBJ1	643.5619	Before	Left Exterior Girder	98.5619	0.95	1	1	27.028796
EV3_str	BOBJ1	643.5619	Before	Interior Girder 1	98.5619	0.95	1	1	18.420831
EV3_str	BOBJ1	643.5619	Before	Interior Girder 2	98.5619	0.95	1	1	18.42083
EV3_str	BOBJ1	643.5619	Before	Right Exterior Girder	98.5619	0.95	1	1	27.028797
EV3_str	BOBJ1	643.5619	After	Left Exterior Girder	98.5619	0.95	1	1	44.992695
EV3_str	BOBJ1	643.5619	After	Interior Girder 1	98.5619	0.95	1	1	30.853318
EV3_str	BOBJ1	643.5619	After	Interior Girder 2	98.5619	0.95	1	1	30.853316
EV3_str	BOBJ1	643.5619	After	Right Exterior Girder	98.5619	0.95	1	1	44.992697
EV3_str	BOBJ1	646.25	Before	Left Exterior Girder	101.25	0.95	1	1	45.078445
EV3_str	BOBJ1	646.25	Before	Interior Girder 1	101.25	0.95	1	1	30.917882
EV3_str	BOBJ1	646.25	Before	Interior Girder 2	101.25	0.95	1	1	30.91788
EV3_str	BOBJ1	646.25	Before	Right Exterior Girder	101.25	0.95	1	1	45.078447
EV3_str	BOBJ1	646.25	After	Left Exterior Girder	101.25	0.95	1	1	49.852564
EV3_str	BOBJ1	646.25	After	Interior Girder 1	101.25	0.95	1	1	35.488241
EV3_str	BOBJ1	646.25	After	Interior Girder 2	101.25	0.95	1	1	35.488239
EV3_str	BOBJ1	646.25	After	Right Exterior Girder	101.25	0.95	1	1	49.852566
EV3_str	BOBJ1	657.5	Before	Left Exterior Girder	112.5	0.95	1	1	50.248358
EV3_str	BOBJ1	657.5	Before	Interior Girder 1	112.5	0.95	1	1	35.798072
EV3_str	BOBJ1	657.5	Before	Interior Girder 2	112.5	0.95	1	1	35.79807
EV3_str	BOBJ1	657.5	Before	Right Exterior Girder	112.5	0.95	1	1	50.24836
EV3_str	BOBJ1	657.5	After	Left Exterior Girder	112.5	0.95	1	1	56.926197
EV3_str	BOBJ1	657.5	After	Interior Girder 1	112.5	0.95	1	1	35.10455
EV3_str	BOBJ1	657.5	After	Interior Girder 2	112.5	0.95	1	1	35.104554
EV3_str	BOBJ1	657.5	After	Right Exterior Girder	112.5	0.95	1	1	56.926193
EV3_str	BOBJ1	668.75	Before	Left Exterior Girder	123.75	0.95	1	1	57.372462
EV3_str	BOBJ1	668.75	Before	Interior Girder 1	123.75	0.95	1	1	35.407312
EV3_str	BOBJ1	668.75	Before	Interior Girder 2	123.75	0.95	1	1	35.407317
EV3_str	BOBJ1	668.75	Before	Right Exterior Girder	123.75	0.95	1	1	57.372457
EV3_str	BOBJ1	668.75	After	Left Exterior Girder	123.75	0.95	1	1	64.614084
EV3_str	BOBJ1	668.75	After	Interior Girder 1	123.75	0.95	1	1	40.426116
EV3_str	BOBJ1	668.75	After	Interior Girder 2	123.75	0.95	1	1	40.426122
EV3_str	BOBJ1	668.75	After	Right Exterior Girder	123.75	0.95	1	1	64.614076
EV3_str	BOBJ1	680	Before	Left Exterior Girder	135	0.95	1	1	65.114962
EV3_str	BOBJ1	680	Before	Interior Girder 1	135	0.95	1	1	40.770858
EV3_str	BOBJ1	680	Before	Interior Girder 2	135	0.95	1	1	40.770865
EV3_str	BOBJ1	680	Before	Right Exterior Girder	135	0.95	1	1	65.114954
EV3_str	BOBJ1	680	After	Left Exterior Girder	135	0.95	1	1	73.904789
EV3_str	BOBJ1	680	After	Interior Girder 1	135	0.95	1	1	39.808234
EV3_str	BOBJ1	680	After	Interior Girder 2	135	0.95	1	1	39.808232
EV3_str	BOBJ1	680	After	Right Exterior Girder	135	0.95	1	1	73.904794

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Main Span Girders									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
EV3_str	BOBJ1	691.25	Before	Left Exterior Girder	146.25	0.95	1	1	73.356356
EV3_str	BOBJ1	691.25	Before	Interior Girder 1	146.25	0.95	1	1	40.143699
EV3_str	BOBJ1	691.25	Before	Interior Girder 2	146.25	0.95	1	1	40.143697
EV3_str	BOBJ1	691.25	Before	Right Exterior Girder	146.25	0.95	1	1	73.356362
EV3_str	BOBJ1	691.25	After	Left Exterior Girder	146.25	0.95	1	1	64.473883
EV3_str	BOBJ1	691.25	After	Interior Girder 1	146.25	0.95	1	1	38.995652
EV3_str	BOBJ1	691.25	After	Interior Girder 2	146.25	0.95	1	1	38.995654
EV3_str	BOBJ1	691.25	After	Right Exterior Girder	146.25	0.95	1	1	64.473881
EV3_str	BOBJ1	702.5	Before	Left Exterior Girder	157.5	0.95	1	1	63.990263
EV3_str	BOBJ1	702.5	Before	Interior Girder 1	157.5	0.95	1	1	38.673782
EV3_str	BOBJ1	702.5	Before	Interior Girder 2	157.5	0.95	1	1	38.673784
EV3_str	BOBJ1	702.5	Before	Right Exterior Girder	157.5	0.95	1	1	63.990262
EV3_str	BOBJ1	702.5	After	Left Exterior Girder	157.5	0.95	1	1	55.473455
EV3_str	BOBJ1	702.5	After	Interior Girder 1	157.5	0.95	1	1	39.445032
EV3_str	BOBJ1	702.5	After	Interior Girder 2	157.5	0.95	1	1	39.445034
EV3_str	BOBJ1	702.5	After	Right Exterior Girder	157.5	0.95	1	1	55.47345
EV3_str	BOBJ1	713.75	Before	Left Exterior Girder	168.75	0.95	1	1	55.052248
EV3_str	BOBJ1	713.75	Before	Interior Girder 1	168.75	0.95	1	1	39.115649
EV3_str	BOBJ1	713.75	Before	Interior Girder 2	168.75	0.95	1	1	39.11565
EV3_str	BOBJ1	713.75	Before	Right Exterior Girder	168.75	0.95	1	1	55.052243
EV3_str	BOBJ1	713.75	After	Left Exterior Girder	168.75	0.95	1	1	49.536204
EV3_str	BOBJ1	713.75	After	Interior Girder 1	168.75	0.95	1	1	34.174
EV3_str	BOBJ1	713.75	After	Interior Girder 2	168.75	0.95	1	1	34.174
EV3_str	BOBJ1	713.75	After	Right Exterior Girder	168.75	0.95	1	1	49.536203
EV3_str	BOBJ1	725	Before	Left Exterior Girder	180	0.95	1	1	49.155916
EV3_str	BOBJ1	725	Before	Interior Girder 1	180	0.95	1	1	33.885461
EV3_str	BOBJ1	725	Before	Interior Girder 2	180	0.95	1	1	33.885461
EV3_str	BOBJ1	725	Before	Right Exterior Girder	180	0.95	1	1	49.155915
EV3_str	BOBJ1	725	After	Left Exterior Girder	180	0.95	1	1	43.490523
EV3_str	BOBJ1	725	After	Interior Girder 1	180	0.95	1	1	33.37125
EV3_str	BOBJ1	725	After	Interior Girder 2	180	0.95	1	1	33.371249
EV3_str	BOBJ1	725	After	Right Exterior Girder	180	0.95	1	1	43.490528
EV3_str	BOBJ1	731.1726	Before	Left Exterior Girder	186.1726	0.95	1	1	43.305174
EV3_str	BOBJ1	731.1726	Before	Interior Girder 1	186.1726	0.95	1	1	33.214935
EV3_str	BOBJ1	731.1726	Before	Interior Girder 2	186.1726	0.95	1	1	33.214934
EV3_str	BOBJ1	731.1726	Before	Right Exterior Girder	186.1726	0.95	1	1	43.305179
EV3_str	BOBJ1	731.1726	After	Left Exterior Girder	186.1726	0.95	1	1	25.252061
EV3_str	BOBJ1	731.1726	After	Interior Girder 1	186.1726	0.95	1	1	18.856957
EV3_str	BOBJ1	731.1726	After	Interior Girder 2	186.1726	0.95	1	1	18.856956
EV3_str	BOBJ1	731.1726	After	Right Exterior Girder	186.1726	0.95	1	1	25.252063
EV3_str	BOBJ1	736.25	Before	Left Exterior Girder	191.25	0.95	1	1	25.135636
EV3_str	BOBJ1	736.25	Before	Interior Girder 1	191.25	0.95	1	1	18.759393
EV3_str	BOBJ1	736.25	Before	Interior Girder 2	191.25	0.95	1	1	18.759392
EV3_str	BOBJ1	736.25	Before	Right Exterior Girder	191.25	0.95	1	1	25.135639
EV3_str	BOBJ1	736.25	After	Left Exterior Girder	191.25	0.95	1	1	24.377537
EV3_str	BOBJ1	736.25	After	Interior Girder 1	191.25	0.95	1	1	17.663798
EV3_str	BOBJ1	736.25	After	Interior Girder 2	191.25	0.95	1	1	17.663797
EV3_str	BOBJ1	736.25	After	Right Exterior Girder	191.25	0.95	1	1	24.377538
EV3_str	BOBJ1	747.5	Before	Left Exterior Girder	202.5	0.95	1	1	24.126441
EV3_str	BOBJ1	747.5	Before	Interior Girder 1	202.5	0.95	1	1	17.459525
EV3_str	BOBJ1	747.5	Before	Interior Girder 2	202.5	0.95	1	1	17.459525
EV3_str	BOBJ1	747.5	Before	Right Exterior Girder	202.5	0.95	1	1	24.126442
EV3_str	BOBJ1	747.5	After	Left Exterior Girder	202.5	0.95	1	1	21.785846
EV3_str	BOBJ1	747.5	After	Interior Girder 1	202.5	0.95	1	1	16.046767
EV3_str	BOBJ1	747.5	After	Interior Girder 2	202.5	0.95	1	1	16.046766
EV3_str	BOBJ1	747.5	After	Right Exterior Girder	202.5	0.95	1	1	21.785846
EV3_str	BOBJ1	758.75	Before	Left Exterior Girder	213.75	0.95	1	1	21.557254
EV3_str	BOBJ1	758.75	Before	Interior Girder 1	213.75	0.95	1	1	15.85798
EV3_str	BOBJ1	758.75	Before	Interior Girder 2	213.75	0.95	1	1	15.857979
EV3_str	BOBJ1	758.75	Before	Right Exterior Girder	213.75	0.95	1	1	21.557253
EV3_str	BOBJ1	758.75	After	Left Exterior Girder	213.75	0.95	1	1	19.966022
EV3_str	BOBJ1	758.75	After	Interior Girder 1	213.75	0.95	1	1	13.058024
EV3_str	BOBJ1	758.75	After	Interior Girder 2	213.75	0.95	1	1	13.058022
EV3_str	BOBJ1	758.75	After	Right Exterior Girder	213.75	0.95	1	1	19.966023
EV3_str	BOBJ1	770	Before	Left Exterior Girder	225	0.95	1	1	19.753081
EV3_str	BOBJ1	770	Before	Interior Girder 1	225	0.95	1	1	12.90184
EV3_str	BOBJ1	770	Before	Interior Girder 2	225	0.95	1	1	12.901839
EV3_str	BOBJ1	770	Before	Right Exterior Girder	225	0.95	1	1	19.753082

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Main Span Girders									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
EV3-Neg_str	BOBJ1	0	After	Left Exterior Girder	0	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	0	After	Interior Girder 1	0	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	0	After	Interior Girder 2	0	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	0	After	Right Exterior Girder	0	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	11.25	Before	Left Exterior Girder	11.25	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	11.25	Before	Interior Girder 1	11.25	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	11.25	Before	Interior Girder 2	11.25	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	11.25	Before	Right Exterior Girder	11.25	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	11.25	After	Left Exterior Girder	11.25	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	11.25	After	Interior Girder 1	11.25	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	11.25	After	Interior Girder 2	11.25	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	11.25	After	Right Exterior Girder	11.25	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	22.5	Before	Left Exterior Girder	22.5	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	22.5	Before	Interior Girder 1	22.5	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	22.5	Before	Interior Girder 2	22.5	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	22.5	Before	Right Exterior Girder	22.5	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	22.5	After	Left Exterior Girder	22.5	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	22.5	After	Interior Girder 1	22.5	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	22.5	After	Interior Girder 2	22.5	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	22.5	After	Right Exterior Girder	22.5	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	33.75	Before	Left Exterior Girder	33.75	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	33.75	Before	Interior Girder 1	33.75	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	33.75	Before	Interior Girder 2	33.75	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	33.75	Before	Right Exterior Girder	33.75	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	33.75	After	Left Exterior Girder	33.75	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	33.75	After	Interior Girder 1	33.75	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	33.75	After	Interior Girder 2	33.75	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	33.75	After	Right Exterior Girder	33.75	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	38.8274	Before	Left Exterior Girder	38.8274	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	38.8274	Before	Interior Girder 1	38.8274	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	38.8274	Before	Interior Girder 2	38.8274	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	38.8274	Before	Right Exterior Girder	38.8274	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	38.8274	After	Left Exterior Girder	38.8274	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	38.8274	After	Interior Girder 1	38.8274	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	38.8274	After	Interior Girder 2	38.8274	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	38.8274	After	Right Exterior Girder	38.8274	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	45	Before	Left Exterior Girder	45	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	45	Before	Interior Girder 1	45	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	45	Before	Interior Girder 2	45	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	45	Before	Right Exterior Girder	45	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	45	After	Left Exterior Girder	45	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	45	After	Interior Girder 1	45	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	45	After	Interior Girder 2	45	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	45	After	Right Exterior Girder	45	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	56.25	Before	Left Exterior Girder	56.25	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	56.25	Before	Interior Girder 1	56.25	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	56.25	Before	Interior Girder 2	56.25	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	56.25	Before	Right Exterior Girder	56.25	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	56.25	After	Left Exterior Girder	56.25	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	56.25	After	Interior Girder 1	56.25	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	56.25	After	Interior Girder 2	56.25	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	56.25	After	Right Exterior Girder	56.25	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	67.5	Before	Left Exterior Girder	67.5	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	67.5	Before	Interior Girder 1	67.5	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	67.5	Before	Interior Girder 2	67.5	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	67.5	Before	Right Exterior Girder	67.5	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	67.5	After	Left Exterior Girder	67.5	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	67.5	After	Interior Girder 1	67.5	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	67.5	After	Interior Girder 2	67.5	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	67.5	After	Right Exterior Girder	67.5	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	78.75	Before	Left Exterior Girder	78.75	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	78.75	Before	Interior Girder 1	78.75	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	78.75	Before	Interior Girder 2	78.75	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	78.75	Before	Right Exterior Girder	78.75	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	78.75	After	Left Exterior Girder	78.75	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	78.75	After	Interior Girder 1	78.75	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	78.75	After	Interior Girder 2	78.75	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	78.75	After	Right Exterior Girder	78.75	0.95	1	1	10000000

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Main Span Girders									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
EV3-Neg_str	BOBJ1	90	Before	Left Exterior Girder	90	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	90	Before	Interior Girder 1	90	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	90	Before	Interior Girder 2	90	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	90	Before	Right Exterior Girder	90	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	90	After	Left Exterior Girder	90	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	90	After	Interior Girder 1	90	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	90	After	Interior Girder 2	90	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	90	After	Right Exterior Girder	90	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	101.25	Before	Left Exterior Girder	101.25	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	101.25	Before	Interior Girder 1	101.25	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	101.25	Before	Interior Girder 2	101.25	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	101.25	Before	Right Exterior Girder	101.25	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	101.25	After	Left Exterior Girder	101.25	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	101.25	After	Interior Girder 1	101.25	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	101.25	After	Interior Girder 2	101.25	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	101.25	After	Right Exterior Girder	101.25	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	112.5	Before	Left Exterior Girder	112.5	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	112.5	Before	Interior Girder 1	112.5	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	112.5	Before	Interior Girder 2	112.5	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	112.5	Before	Right Exterior Girder	112.5	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	112.5	After	Left Exterior Girder	112.5	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	112.5	After	Interior Girder 1	112.5	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	112.5	After	Interior Girder 2	112.5	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	112.5	After	Right Exterior Girder	112.5	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	123.75	Before	Left Exterior Girder	123.75	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	123.75	Before	Interior Girder 1	123.75	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	123.75	Before	Interior Girder 2	123.75	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	123.75	Before	Right Exterior Girder	123.75	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	123.75	After	Left Exterior Girder	123.75	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	123.75	After	Interior Girder 1	123.75	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	123.75	After	Interior Girder 2	123.75	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	123.75	After	Right Exterior Girder	123.75	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	126.4381	Before	Left Exterior Girder	126.4381	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	126.4381	Before	Interior Girder 1	126.4381	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	126.4381	Before	Interior Girder 2	126.4381	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	126.4381	Before	Right Exterior Girder	126.4381	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	126.4381	After	Left Exterior Girder	126.4381	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	126.4381	After	Interior Girder 1	126.4381	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	126.4381	After	Interior Girder 2	126.4381	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	126.4381	After	Right Exterior Girder	126.4381	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	135	Before	Left Exterior Girder	135	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	135	Before	Interior Girder 1	135	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	135	Before	Interior Girder 2	135	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	135	Before	Right Exterior Girder	135	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	135	After	Left Exterior Girder	135	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	135	After	Interior Girder 1	135	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	135	After	Interior Girder 2	135	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	135	After	Right Exterior Girder	135	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	146.25	Before	Left Exterior Girder	146.25	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	146.25	Before	Interior Girder 1	146.25	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	146.25	Before	Interior Girder 2	146.25	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	146.25	Before	Right Exterior Girder	146.25	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	146.25	After	Left Exterior Girder	146.25	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	146.25	After	Interior Girder 1	146.25	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	146.25	After	Interior Girder 2	146.25	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	146.25	After	Right Exterior Girder	146.25	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	157.5	Before	Left Exterior Girder	157.5	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	157.5	Before	Interior Girder 1	157.5	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	157.5	Before	Interior Girder 2	157.5	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	157.5	Before	Right Exterior Girder	157.5	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	157.5	After	Left Exterior Girder	157.5	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	157.5	After	Interior Girder 1	157.5	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	157.5	After	Interior Girder 2	157.5	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	157.5	After	Right Exterior Girder	157.5	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	168.2522	Before	Left Exterior Girder	168.2522	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	168.2522	Before	Interior Girder 1	168.2522	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	168.2522	Before	Interior Girder 2	168.2522	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	168.2522	Before	Right Exterior Girder	168.2522	0.95	1	1	10000000

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Main Span Girders									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
EV3-Neg_str	BOBJ1	168.2522	After	Left Exterior Girder	168.2522	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	168.2522	After	Interior Girder 1	168.2522	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	168.2522	After	Interior Girder 2	168.2522	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	168.2522	After	Right Exterior Girder	168.2522	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	168.75	Before	Left Exterior Girder	168.75	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	168.75	Before	Interior Girder 1	168.75	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	168.75	Before	Interior Girder 2	168.75	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	168.75	Before	Right Exterior Girder	168.75	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	168.75	After	Left Exterior Girder	168.75	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	168.75	After	Interior Girder 1	168.75	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	168.75	After	Interior Girder 2	168.75	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	168.75	After	Right Exterior Girder	168.75	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	180	Before	Left Exterior Girder	180	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	180	Before	Interior Girder 1	180	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	180	Before	Interior Girder 2	180	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	180	Before	Right Exterior Girder	180	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	180	After	Left Exterior Girder	180	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	180	After	Interior Girder 1	180	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	180	After	Interior Girder 2	180	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	180	After	Right Exterior Girder	180	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	183.1858	Before	Left Exterior Girder	183.1858	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	183.1858	Before	Interior Girder 1	183.1858	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	183.1858	Before	Interior Girder 2	183.1858	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	183.1858	Before	Right Exterior Girder	183.1858	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	183.1858	After	Left Exterior Girder	183.1858	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	183.1858	After	Interior Girder 1	183.1858	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	183.1858	After	Interior Girder 2	183.1858	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	183.1858	After	Right Exterior Girder	183.1858	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	191.25	Before	Left Exterior Girder	191.25	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	191.25	Before	Interior Girder 1	191.25	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	191.25	Before	Interior Girder 2	191.25	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	191.25	Before	Right Exterior Girder	191.25	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	191.25	After	Left Exterior Girder	191.25	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	191.25	After	Interior Girder 1	191.25	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	191.25	After	Interior Girder 2	191.25	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	191.25	After	Right Exterior Girder	191.25	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	199.9414	Before	Left Exterior Girder	199.9414	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	199.9414	Before	Interior Girder 1	199.9414	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	199.9414	Before	Interior Girder 2	199.9414	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	199.9414	Before	Right Exterior Girder	199.9414	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	199.9414	After	Left Exterior Girder	199.9414	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	199.9414	After	Interior Girder 1	199.9414	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	199.9414	After	Interior Girder 2	199.9414	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	199.9414	After	Right Exterior Girder	199.9414	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	202.5	Before	Left Exterior Girder	202.5	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	202.5	Before	Interior Girder 1	202.5	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	202.5	Before	Interior Girder 2	202.5	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	202.5	Before	Right Exterior Girder	202.5	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	202.5	After	Left Exterior Girder	202.5	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	202.5	After	Interior Girder 1	202.5	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	202.5	After	Interior Girder 2	202.5	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	202.5	After	Right Exterior Girder	202.5	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	210.5642	Before	Left Exterior Girder	210.5642	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	210.5642	Before	Interior Girder 1	210.5642	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	210.5642	Before	Interior Girder 2	210.5642	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	210.5642	Before	Right Exterior Girder	210.5642	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	210.5642	After	Left Exterior Girder	210.5642	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	210.5642	After	Interior Girder 1	210.5642	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	210.5642	After	Interior Girder 2	210.5642	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	210.5642	After	Right Exterior Girder	210.5642	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	213.75	Before	Left Exterior Girder	213.75	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	213.75	Before	Interior Girder 1	213.75	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	213.75	Before	Interior Girder 2	213.75	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	213.75	Before	Right Exterior Girder	213.75	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	213.75	After	Left Exterior Girder	213.75	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	213.75	After	Interior Girder 1	213.75	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	213.75	After	Interior Girder 2	213.75	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	213.75	After	Right Exterior Girder	213.75	0.95	1	1	10000000

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Main Span Girders									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
EV3-Neg_str	BOBJ1	225	Before	Left Exterior Girder	225	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	225	Before	Interior Girder 1	225	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	225	Before	Interior Girder 2	225	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	225	Before	Right Exterior Girder	225	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	225	After	Left Exterior Girder	0	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	225	After	Interior Girder 1	0	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	225	After	Interior Girder 2	0	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	225	After	Right Exterior Girder	0	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	236.45	Before	Left Exterior Girder	11.45	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	236.45	Before	Interior Girder 1	11.45	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	236.45	Before	Interior Girder 2	11.45	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	236.45	Before	Right Exterior Girder	11.45	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	236.45	After	Left Exterior Girder	11.45	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	236.45	After	Interior Girder 1	11.45	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	236.45	After	Interior Girder 2	11.45	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	236.45	After	Right Exterior Girder	11.45	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	239.5082	Before	Left Exterior Girder	14.5082	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	239.5082	Before	Interior Girder 1	14.5082	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	239.5082	Before	Interior Girder 2	14.5082	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	239.5082	Before	Right Exterior Girder	14.5082	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	239.5082	After	Left Exterior Girder	14.5082	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	239.5082	After	Interior Girder 1	14.5082	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	239.5082	After	Interior Girder 2	14.5082	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	239.5082	After	Right Exterior Girder	14.5082	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	247.9	Before	Left Exterior Girder	22.9	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	247.9	Before	Interior Girder 1	22.9	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	247.9	Before	Interior Girder 2	22.9	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	247.9	Before	Right Exterior Girder	22.9	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	247.9	After	Left Exterior Girder	22.9	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	247.9	After	Interior Girder 1	22.9	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	247.9	After	Interior Girder 2	22.9	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	247.9	After	Right Exterior Girder	22.9	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	258.5189	Before	Left Exterior Girder	33.5189	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	258.5189	Before	Interior Girder 1	33.5189	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	258.5189	Before	Interior Girder 2	33.5189	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	258.5189	Before	Right Exterior Girder	33.5189	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	258.5189	After	Left Exterior Girder	33.5189	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	258.5189	After	Interior Girder 1	33.5189	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	258.5189	After	Interior Girder 2	33.5189	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	258.5189	After	Right Exterior Girder	33.5189	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	259.3	Before	Left Exterior Girder	34.3	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	259.3	Before	Interior Girder 1	34.3	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	259.3	Before	Interior Girder 2	34.3	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	259.3	Before	Right Exterior Girder	34.3	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	259.3	After	Left Exterior Girder	34.3	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	259.3	After	Interior Girder 1	34.3	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	259.3	After	Interior Girder 2	34.3	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	259.3	After	Right Exterior Girder	34.3	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	266.1031	Before	Left Exterior Girder	41.1031	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	266.1031	Before	Interior Girder 1	41.1031	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	266.1031	Before	Interior Girder 2	41.1031	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	266.1031	Before	Right Exterior Girder	41.1031	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	266.1031	After	Left Exterior Girder	41.1031	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	266.1031	After	Interior Girder 1	41.1031	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	266.1031	After	Interior Girder 2	41.1031	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	266.1031	After	Right Exterior Girder	41.1031	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	270.7	Before	Left Exterior Girder	45.7	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	270.7	Before	Interior Girder 1	45.7	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	270.7	Before	Interior Girder 2	45.7	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	270.7	Before	Right Exterior Girder	45.7	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	270.7	After	Left Exterior Girder	45.7	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	270.7	After	Interior Girder 1	45.7	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	270.7	After	Interior Girder 2	45.7	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	270.7	After	Right Exterior Girder	45.7	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	273.6874	Before	Left Exterior Girder	48.6874	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	273.6874	Before	Interior Girder 1	48.6874	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	273.6874	Before	Interior Girder 2	48.6874	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	273.6874	Before	Right Exterior Girder	48.6874	0.95	1	1	10000000

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Main Span Girders									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
EV3-Neg_str	BOBJ1	273.6874	After	Left Exterior Girder	48.6874	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	273.6874	After	Interior Girder 1	48.6874	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	273.6874	After	Interior Girder 2	48.6874	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	273.6874	After	Right Exterior Girder	48.6874	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	282.15	Before	Left Exterior Girder	57.15	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	282.15	Before	Interior Girder 1	57.15	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	282.15	Before	Interior Girder 2	57.15	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	282.15	Before	Right Exterior Girder	57.15	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	282.15	After	Left Exterior Girder	57.15	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	282.15	After	Interior Girder 1	57.15	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	282.15	After	Interior Girder 2	57.15	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	282.15	After	Right Exterior Girder	57.15	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	293.6	Before	Left Exterior Girder	68.6	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	293.6	Before	Interior Girder 1	68.6	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	293.6	Before	Interior Girder 2	68.6	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	293.6	Before	Right Exterior Girder	68.6	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	293.6	After	Left Exterior Girder	68.6	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	293.6	After	Interior Girder 1	68.6	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	293.6	After	Interior Girder 2	68.6	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	293.6	After	Right Exterior Girder	68.6	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	305	Before	Left Exterior Girder	80	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	305	Before	Interior Girder 1	80	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	305	Before	Interior Girder 2	80	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	305	Before	Right Exterior Girder	80	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	305	After	Left Exterior Girder	80	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	305	After	Interior Girder 1	80	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	305	After	Interior Girder 2	80	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	305	After	Right Exterior Girder	80	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	306.9561	Before	Left Exterior Girder	81.9561	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	306.9561	Before	Interior Girder 1	81.9561	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	306.9561	Before	Interior Girder 2	81.9561	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	306.9561	Before	Right Exterior Girder	81.9561	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	306.9561	After	Left Exterior Girder	81.9561	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	306.9561	After	Interior Girder 1	81.9561	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	306.9561	After	Interior Girder 2	81.9561	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	306.9561	After	Right Exterior Girder	81.9561	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	316.4	Before	Left Exterior Girder	91.4	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	316.4	Before	Interior Girder 1	91.4	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	316.4	Before	Interior Girder 2	91.4	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	316.4	Before	Right Exterior Girder	91.4	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	316.4	After	Left Exterior Girder	91.4	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	316.4	After	Interior Girder 1	91.4	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	316.4	After	Interior Girder 2	91.4	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	316.4	After	Right Exterior Girder	91.4	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	327.85	Before	Left Exterior Girder	102.9679	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	327.85	Before	Interior Girder 1	102.9679	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	327.85	Before	Interior Girder 2	102.9679	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	327.85	Before	Right Exterior Girder	102.9679	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	327.85	After	Left Exterior Girder	102.9679	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	327.85	After	Interior Girder 1	102.9679	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	327.85	After	Interior Girder 2	102.9679	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	327.85	After	Right Exterior Girder	102.9679	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	339.3	Before	Left Exterior Girder	114.3	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	339.3	Before	Interior Girder 1	114.3	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	339.3	Before	Interior Girder 2	114.3	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	339.3	Before	Right Exterior Girder	114.3	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	339.3	After	Left Exterior Girder	114.3	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	339.3	After	Interior Girder 1	114.3	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	339.3	After	Interior Girder 2	114.3	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	339.3	After	Right Exterior Girder	114.3	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	350.7	Before	Left Exterior Girder	125.7	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	350.7	Before	Interior Girder 1	125.7	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	350.7	Before	Interior Girder 2	125.7	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	350.7	Before	Right Exterior Girder	125.7	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	350.7	After	Left Exterior Girder	125.7	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	350.7	After	Interior Girder 1	125.7	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	350.7	After	Interior Girder 2	125.7	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	350.7	After	Right Exterior Girder	125.7	0.95	1	1	10000000

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Main Span Girders									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
EV3-Neg_str	BOBJ1	362.1	Before	Left Exterior Girder	137.1	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	362.1	Before	Interior Girder 1	137.1	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	362.1	Before	Interior Girder 2	137.1	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	362.1	Before	Right Exterior Girder	137.1	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	362.1	After	Left Exterior Girder	137.1	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	362.1	After	Interior Girder 1	137.1	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	362.1	After	Interior Girder 2	137.1	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	362.1	After	Right Exterior Girder	137.1	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	373.55	Before	Left Exterior Girder	148.55	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	373.55	Before	Interior Girder 1	148.55	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	373.55	Before	Interior Girder 2	148.55	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	373.55	Before	Right Exterior Girder	148.55	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	373.55	After	Left Exterior Girder	148.55	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	373.55	After	Interior Girder 1	148.55	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	373.55	After	Interior Girder 2	148.55	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	373.55	After	Right Exterior Girder	148.55	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	385	Before	Left Exterior Girder	160	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	385	Before	Interior Girder 1	160	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	385	Before	Interior Girder 2	160	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	385	Before	Right Exterior Girder	160	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	385	After	Left Exterior Girder	160	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	385	After	Interior Girder 1	160	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	385	After	Interior Girder 2	160	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	385	After	Right Exterior Girder	160	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	396.45	Before	Left Exterior Girder	171.45	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	396.45	Before	Interior Girder 1	171.45	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	396.45	Before	Interior Girder 2	171.45	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	396.45	Before	Right Exterior Girder	171.45	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	396.45	After	Left Exterior Girder	171.45	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	396.45	After	Interior Girder 1	171.45	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	396.45	After	Interior Girder 2	171.45	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	396.45	After	Right Exterior Girder	171.45	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	407.9	Before	Left Exterior Girder	182.9	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	407.9	Before	Interior Girder 1	182.9	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	407.9	Before	Interior Girder 2	182.9	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	407.9	Before	Right Exterior Girder	182.9	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	407.9	After	Left Exterior Girder	182.9	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	407.9	After	Interior Girder 1	182.9	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	407.9	After	Interior Girder 2	182.9	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	407.9	After	Right Exterior Girder	182.9	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	419.3	Before	Left Exterior Girder	194.3	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	419.3	Before	Interior Girder 1	194.3	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	419.3	Before	Interior Girder 2	194.3	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	419.3	Before	Right Exterior Girder	194.3	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	419.3	After	Left Exterior Girder	194.3	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	419.3	After	Interior Girder 1	194.3	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	419.3	After	Interior Girder 2	194.3	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	419.3	After	Right Exterior Girder	194.3	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	430.7	Before	Left Exterior Girder	205.7	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	430.7	Before	Interior Girder 1	205.7	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	430.7	Before	Interior Girder 2	205.7	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	430.7	Before	Right Exterior Girder	205.7	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	430.7	After	Left Exterior Girder	205.7	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	430.7	After	Interior Girder 1	205.7	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	430.7	After	Interior Girder 2	205.7	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	430.7	After	Right Exterior Girder	205.7	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	442.15	Before	Left Exterior Girder	217.0321	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	442.15	Before	Interior Girder 1	217.0321	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	442.15	Before	Interior Girder 2	217.0321	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	442.15	Before	Right Exterior Girder	217.0321	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	442.15	After	Left Exterior Girder	217.0321	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	442.15	After	Interior Girder 1	217.0321	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	442.15	After	Interior Girder 2	217.0321	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	442.15	After	Right Exterior Girder	217.0321	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	453.6	Before	Left Exterior Girder	228.6	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	453.6	Before	Interior Girder 1	228.6	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	453.6	Before	Interior Girder 2	228.6	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	453.6	Before	Right Exterior Girder	228.6	0.95	1	1	10000000

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Main Span Girders									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
EV3-Neg_str	BOBJ1	453.6	After	Left Exterior Girder	228.6	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	453.6	After	Interior Girder 1	228.6	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	453.6	After	Interior Girder 2	228.6	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	453.6	After	Right Exterior Girder	228.6	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	463.0439	Before	Left Exterior Girder	238.0439	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	463.0439	Before	Interior Girder 1	238.0439	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	463.0439	Before	Interior Girder 2	238.0439	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	463.0439	Before	Right Exterior Girder	238.0439	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	463.0439	After	Left Exterior Girder	238.0439	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	463.0439	After	Interior Girder 1	238.0439	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	463.0439	After	Interior Girder 2	238.0439	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	463.0439	After	Right Exterior Girder	238.0439	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	465	Before	Left Exterior Girder	240	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	465	Before	Interior Girder 1	240	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	465	Before	Interior Girder 2	240	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	465	Before	Right Exterior Girder	240	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	465	After	Left Exterior Girder	240	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	465	After	Interior Girder 1	240	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	465	After	Interior Girder 2	240	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	465	After	Right Exterior Girder	240	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	476.4	Before	Left Exterior Girder	251.4	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	476.4	Before	Interior Girder 1	251.4	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	476.4	Before	Interior Girder 2	251.4	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	476.4	Before	Right Exterior Girder	251.4	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	476.4	After	Left Exterior Girder	251.4	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	476.4	After	Interior Girder 1	251.4	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	476.4	After	Interior Girder 2	251.4	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	476.4	After	Right Exterior Girder	251.4	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	487.85	Before	Left Exterior Girder	262.85	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	487.85	Before	Interior Girder 1	262.85	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	487.85	Before	Interior Girder 2	262.85	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	487.85	Before	Right Exterior Girder	262.85	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	487.85	After	Left Exterior Girder	262.85	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	487.85	After	Interior Girder 1	262.85	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	487.85	After	Interior Girder 2	262.85	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	487.85	After	Right Exterior Girder	262.85	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	496.3126	Before	Left Exterior Girder	271.3126	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	496.3126	Before	Interior Girder 1	271.3126	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	496.3126	Before	Interior Girder 2	271.3126	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	496.3126	Before	Right Exterior Girder	271.3126	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	496.3126	After	Left Exterior Girder	271.3126	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	496.3126	After	Interior Girder 1	271.3126	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	496.3126	After	Interior Girder 2	271.3126	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	496.3126	After	Right Exterior Girder	271.3126	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	499.3	Before	Left Exterior Girder	274.3	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	499.3	Before	Interior Girder 1	274.3	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	499.3	Before	Interior Girder 2	274.3	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	499.3	Before	Right Exterior Girder	274.3	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	499.3	After	Left Exterior Girder	274.3	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	499.3	After	Interior Girder 1	274.3	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	499.3	After	Interior Girder 2	274.3	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	499.3	After	Right Exterior Girder	274.3	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	503.8969	Before	Left Exterior Girder	278.8969	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	503.8969	Before	Interior Girder 1	278.8969	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	503.8969	Before	Interior Girder 2	278.8969	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	503.8969	Before	Right Exterior Girder	278.8969	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	503.8969	After	Left Exterior Girder	278.8969	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	503.8969	After	Interior Girder 1	278.8969	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	503.8969	After	Interior Girder 2	278.8969	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	503.8969	After	Right Exterior Girder	278.8969	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	510.7	Before	Left Exterior Girder	285.7	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	510.7	Before	Interior Girder 1	285.7	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	510.7	Before	Interior Girder 2	285.7	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	510.7	Before	Right Exterior Girder	285.7	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	510.7	After	Left Exterior Girder	285.7	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	510.7	After	Interior Girder 1	285.7	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	510.7	After	Interior Girder 2	285.7	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	510.7	After	Right Exterior Girder	285.7	0.95	1	1	10000000

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Main Span Girders									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
EV3-Neg_str	BOBJ1	511.4811	Before	Left Exterior Girder	286.4811	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	511.4811	Before	Interior Girder 1	286.4811	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	511.4811	Before	Interior Girder 2	286.4811	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	511.4811	Before	Right Exterior Girder	286.4811	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	511.4811	After	Left Exterior Girder	286.4811	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	511.4811	After	Interior Girder 1	286.4811	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	511.4811	After	Interior Girder 2	286.4811	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	511.4811	After	Right Exterior Girder	286.4811	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	522.1	Before	Left Exterior Girder	297.1	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	522.1	Before	Interior Girder 1	297.1	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	522.1	Before	Interior Girder 2	297.1	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	522.1	Before	Right Exterior Girder	297.1	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	522.1	After	Left Exterior Girder	297.1	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	522.1	After	Interior Girder 1	297.1	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	522.1	After	Interior Girder 2	297.1	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	522.1	After	Right Exterior Girder	297.1	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	530.4918	Before	Left Exterior Girder	305.4918	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	530.4918	Before	Interior Girder 1	305.4918	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	530.4918	Before	Interior Girder 2	305.4918	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	530.4918	Before	Right Exterior Girder	305.4918	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	530.4918	After	Left Exterior Girder	305.4918	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	530.4918	After	Interior Girder 1	305.4918	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	530.4918	After	Interior Girder 2	305.4918	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	530.4918	After	Right Exterior Girder	305.4918	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	533.55	Before	Left Exterior Girder	308.55	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	533.55	Before	Interior Girder 1	308.55	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	533.55	Before	Interior Girder 2	308.55	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	533.55	Before	Right Exterior Girder	308.55	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	533.55	After	Left Exterior Girder	308.55	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	533.55	After	Interior Girder 1	308.55	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	533.55	After	Interior Girder 2	308.55	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	533.55	After	Right Exterior Girder	308.55	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	545	Before	Left Exterior Girder	320	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	545	Before	Interior Girder 1	320	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	545	Before	Interior Girder 2	320	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	545	Before	Right Exterior Girder	320	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	545	After	Left Exterior Girder	0	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	545	After	Interior Girder 1	0	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	545	After	Interior Girder 2	0	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	545	After	Right Exterior Girder	0	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	556.25	Before	Left Exterior Girder	11.25	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	556.25	Before	Interior Girder 1	11.25	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	556.25	Before	Interior Girder 2	11.25	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	556.25	Before	Right Exterior Girder	11.25	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	556.25	After	Left Exterior Girder	11.25	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	556.25	After	Interior Girder 1	11.25	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	556.25	After	Interior Girder 2	11.25	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	556.25	After	Right Exterior Girder	11.25	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	559.4358	Before	Left Exterior Girder	14.4358	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	559.4358	Before	Interior Girder 1	14.4358	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	559.4358	Before	Interior Girder 2	14.4358	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	559.4358	Before	Right Exterior Girder	14.4358	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	559.4358	After	Left Exterior Girder	14.4358	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	559.4358	After	Interior Girder 1	14.4358	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	559.4358	After	Interior Girder 2	14.4358	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	559.4358	After	Right Exterior Girder	14.4358	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	567.5	Before	Left Exterior Girder	22.5	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	567.5	Before	Interior Girder 1	22.5	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	567.5	Before	Interior Girder 2	22.5	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	567.5	Before	Right Exterior Girder	22.5	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	567.5	After	Left Exterior Girder	22.5	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	567.5	After	Interior Girder 1	22.5	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	567.5	After	Interior Girder 2	22.5	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	567.5	After	Right Exterior Girder	22.5	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	570.0586	Before	Left Exterior Girder	25.0586	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	570.0586	Before	Interior Girder 1	25.0586	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	570.0586	Before	Interior Girder 2	25.0586	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	570.0586	Before	Right Exterior Girder	25.0586	0.95	1	1	10000000

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Main Span Girders									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
EV3-Neg_str	BOBJ1	570.0586	After	Left Exterior Girder	25.0586	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	570.0586	After	Interior Girder 1	25.0586	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	570.0586	After	Interior Girder 2	25.0586	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	570.0586	After	Right Exterior Girder	25.0586	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	578.75	Before	Left Exterior Girder	33.75	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	578.75	Before	Interior Girder 1	33.75	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	578.75	Before	Interior Girder 2	33.75	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	578.75	Before	Right Exterior Girder	33.75	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	578.75	After	Left Exterior Girder	33.75	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	578.75	After	Interior Girder 1	33.75	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	578.75	After	Interior Girder 2	33.75	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	578.75	After	Right Exterior Girder	33.75	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	586.8142	Before	Left Exterior Girder	41.8142	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	586.8142	Before	Interior Girder 1	41.8142	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	586.8142	Before	Interior Girder 2	41.8142	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	586.8142	Before	Right Exterior Girder	41.8142	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	586.8142	After	Left Exterior Girder	41.8142	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	586.8142	After	Interior Girder 1	41.8142	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	586.8142	After	Interior Girder 2	41.8142	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	586.8142	After	Right Exterior Girder	41.8142	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	590	Before	Left Exterior Girder	45	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	590	Before	Interior Girder 1	45	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	590	Before	Interior Girder 2	45	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	590	Before	Right Exterior Girder	45	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	590	After	Left Exterior Girder	45	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	590	After	Interior Girder 1	45	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	590	After	Interior Girder 2	45	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	590	After	Right Exterior Girder	45	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	601.25	Before	Left Exterior Girder	56.25	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	601.25	Before	Interior Girder 1	56.25	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	601.25	Before	Interior Girder 2	56.25	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	601.25	Before	Right Exterior Girder	56.25	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	601.25	After	Left Exterior Girder	56.25	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	601.25	After	Interior Girder 1	56.25	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	601.25	After	Interior Girder 2	56.25	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	601.25	After	Right Exterior Girder	56.25	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	601.7478	Before	Left Exterior Girder	56.7478	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	601.7478	Before	Interior Girder 1	56.7478	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	601.7478	Before	Interior Girder 2	56.7478	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	601.7478	Before	Right Exterior Girder	56.7478	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	601.7478	After	Left Exterior Girder	56.7478	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	601.7478	After	Interior Girder 1	56.7478	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	601.7478	After	Interior Girder 2	56.7478	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	601.7478	After	Right Exterior Girder	56.7478	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	612.5	Before	Left Exterior Girder	67.5	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	612.5	Before	Interior Girder 1	67.5	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	612.5	Before	Interior Girder 2	67.5	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	612.5	Before	Right Exterior Girder	67.5	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	612.5	After	Left Exterior Girder	67.5	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	612.5	After	Interior Girder 1	67.5	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	612.5	After	Interior Girder 2	67.5	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	612.5	After	Right Exterior Girder	67.5	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	623.75	Before	Left Exterior Girder	78.75	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	623.75	Before	Interior Girder 1	78.75	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	623.75	Before	Interior Girder 2	78.75	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	623.75	Before	Right Exterior Girder	78.75	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	623.75	After	Left Exterior Girder	78.75	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	623.75	After	Interior Girder 1	78.75	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	623.75	After	Interior Girder 2	78.75	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	623.75	After	Right Exterior Girder	78.75	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	635	Before	Left Exterior Girder	90	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	635	Before	Interior Girder 1	90	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	635	Before	Interior Girder 2	90	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	635	Before	Right Exterior Girder	90	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	635	After	Left Exterior Girder	90	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	635	After	Interior Girder 1	90	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	635	After	Interior Girder 2	90	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	635	After	Right Exterior Girder	90	0.95	1	1	10000000

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Main Span Girders									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
EV3-Neg_str	BOBJ1	643.5619	Before	Left Exterior Girder	98.5619	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	643.5619	Before	Interior Girder 1	98.5619	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	643.5619	Before	Interior Girder 2	98.5619	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	643.5619	Before	Right Exterior Girder	98.5619	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	643.5619	After	Left Exterior Girder	98.5619	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	643.5619	After	Interior Girder 1	98.5619	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	643.5619	After	Interior Girder 2	98.5619	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	643.5619	After	Right Exterior Girder	98.5619	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	646.25	Before	Left Exterior Girder	101.25	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	646.25	Before	Interior Girder 1	101.25	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	646.25	Before	Interior Girder 2	101.25	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	646.25	Before	Right Exterior Girder	101.25	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	646.25	After	Left Exterior Girder	101.25	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	646.25	After	Interior Girder 1	101.25	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	646.25	After	Interior Girder 2	101.25	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	646.25	After	Right Exterior Girder	101.25	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	657.5	Before	Left Exterior Girder	112.5	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	657.5	Before	Interior Girder 1	112.5	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	657.5	Before	Interior Girder 2	112.5	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	657.5	Before	Right Exterior Girder	112.5	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	657.5	After	Left Exterior Girder	112.5	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	657.5	After	Interior Girder 1	112.5	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	657.5	After	Interior Girder 2	112.5	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	657.5	After	Right Exterior Girder	112.5	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	668.75	Before	Left Exterior Girder	123.75	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	668.75	Before	Interior Girder 1	123.75	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	668.75	Before	Interior Girder 2	123.75	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	668.75	Before	Right Exterior Girder	123.75	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	668.75	After	Left Exterior Girder	123.75	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	668.75	After	Interior Girder 1	123.75	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	668.75	After	Interior Girder 2	123.75	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	668.75	After	Right Exterior Girder	123.75	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	680	Before	Left Exterior Girder	135	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	680	Before	Interior Girder 1	135	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	680	Before	Interior Girder 2	135	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	680	Before	Right Exterior Girder	135	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	680	After	Left Exterior Girder	135	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	680	After	Interior Girder 1	135	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	680	After	Interior Girder 2	135	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	680	After	Right Exterior Girder	135	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	691.25	Before	Left Exterior Girder	146.25	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	691.25	Before	Interior Girder 1	146.25	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	691.25	Before	Interior Girder 2	146.25	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	691.25	Before	Right Exterior Girder	146.25	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	691.25	After	Left Exterior Girder	146.25	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	691.25	After	Interior Girder 1	146.25	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	691.25	After	Interior Girder 2	146.25	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	691.25	After	Right Exterior Girder	146.25	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	702.5	Before	Left Exterior Girder	157.5	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	702.5	Before	Interior Girder 1	157.5	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	702.5	Before	Interior Girder 2	157.5	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	702.5	Before	Right Exterior Girder	157.5	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	702.5	After	Left Exterior Girder	157.5	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	702.5	After	Interior Girder 1	157.5	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	702.5	After	Interior Girder 2	157.5	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	702.5	After	Right Exterior Girder	157.5	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	713.75	Before	Left Exterior Girder	168.75	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	713.75	Before	Interior Girder 1	168.75	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	713.75	Before	Interior Girder 2	168.75	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	713.75	Before	Right Exterior Girder	168.75	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	713.75	After	Left Exterior Girder	168.75	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	713.75	After	Interior Girder 1	168.75	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	713.75	After	Interior Girder 2	168.75	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	713.75	After	Right Exterior Girder	168.75	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	725	Before	Left Exterior Girder	180	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	725	Before	Interior Girder 1	180	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	725	Before	Interior Girder 2	180	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	725	Before	Right Exterior Girder	180	0.95	1	1	10000000

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Main Span Girders									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
EV3-Neg_str	BOBJ1	725	After	Left Exterior Girder	180	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	725	After	Interior Girder 1	180	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	725	After	Interior Girder 2	180	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	725	After	Right Exterior Girder	180	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	731.1726	Before	Left Exterior Girder	186.1726	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	731.1726	Before	Interior Girder 1	186.1726	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	731.1726	Before	Interior Girder 2	186.1726	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	731.1726	Before	Right Exterior Girder	186.1726	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	731.1726	After	Left Exterior Girder	186.1726	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	731.1726	After	Interior Girder 1	186.1726	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	731.1726	After	Interior Girder 2	186.1726	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	731.1726	After	Right Exterior Girder	186.1726	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	736.25	Before	Left Exterior Girder	191.25	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	736.25	Before	Interior Girder 1	191.25	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	736.25	Before	Interior Girder 2	191.25	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	736.25	Before	Right Exterior Girder	191.25	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	736.25	After	Left Exterior Girder	191.25	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	736.25	After	Interior Girder 1	191.25	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	736.25	After	Interior Girder 2	191.25	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	736.25	After	Right Exterior Girder	191.25	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	747.5	Before	Left Exterior Girder	202.5	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	747.5	Before	Interior Girder 1	202.5	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	747.5	Before	Interior Girder 2	202.5	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	747.5	Before	Right Exterior Girder	202.5	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	747.5	After	Left Exterior Girder	202.5	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	747.5	After	Interior Girder 1	202.5	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	747.5	After	Interior Girder 2	202.5	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	747.5	After	Right Exterior Girder	202.5	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	758.75	Before	Left Exterior Girder	213.75	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	758.75	Before	Interior Girder 1	213.75	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	758.75	Before	Interior Girder 2	213.75	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	758.75	Before	Right Exterior Girder	213.75	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	758.75	After	Left Exterior Girder	213.75	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	758.75	After	Interior Girder 1	213.75	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	758.75	After	Interior Girder 2	213.75	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	758.75	After	Right Exterior Girder	213.75	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	770	Before	Left Exterior Girder	225	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	770	Before	Interior Girder 1	225	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	770	Before	Interior Girder 2	225	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	770	Before	Right Exterior Girder	225	0.95	1	1	10000000
Gravel Truck_str	BOBJ1	0	After	Left Exterior Girder	0	0.95	1	1	23.234174
Gravel Truck_str	BOBJ1	0	After	Interior Girder 1	0	0.95	1	1	15.439975
Gravel Truck_str	BOBJ1	0	After	Interior Girder 2	0	0.95	1	1	15.439976
Gravel Truck_str	BOBJ1	0	After	Right Exterior Girder	0	0.95	1	1	23.234173
Gravel Truck_str	BOBJ1	11.25	Before	Left Exterior Girder	11.25	0.95	1	1	23.484642
Gravel Truck_str	BOBJ1	11.25	Before	Interior Girder 1	11.25	0.95	1	1	15.626884
Gravel Truck_str	BOBJ1	11.25	Before	Interior Girder 2	11.25	0.95	1	1	15.626885
Gravel Truck_str	BOBJ1	11.25	Before	Right Exterior Girder	11.25	0.95	1	1	23.48464
Gravel Truck_str	BOBJ1	11.25	After	Left Exterior Girder	11.25	0.95	1	1	25.367107
Gravel Truck_str	BOBJ1	11.25	After	Interior Girder 1	11.25	0.95	1	1	18.922955
Gravel Truck_str	BOBJ1	11.25	After	Interior Girder 2	11.25	0.95	1	1	18.922956
Gravel Truck_str	BOBJ1	11.25	After	Right Exterior Girder	11.25	0.95	1	1	25.367106
Gravel Truck_str	BOBJ1	22.5	Before	Left Exterior Girder	22.5	0.95	1	1	25.636099
Gravel Truck_str	BOBJ1	22.5	Before	Interior Girder 1	22.5	0.95	1	1	19.14823
Gravel Truck_str	BOBJ1	22.5	Before	Interior Girder 2	22.5	0.95	1	1	19.148231
Gravel Truck_str	BOBJ1	22.5	Before	Right Exterior Girder	22.5	0.95	1	1	25.636098
Gravel Truck_str	BOBJ1	22.5	After	Left Exterior Girder	22.5	0.95	1	1	28.405809
Gravel Truck_str	BOBJ1	22.5	After	Interior Girder 1	22.5	0.95	1	1	20.832673
Gravel Truck_str	BOBJ1	22.5	After	Interior Girder 2	22.5	0.95	1	1	20.832672
Gravel Truck_str	BOBJ1	22.5	After	Right Exterior Girder	22.5	0.95	1	1	28.405809
Gravel Truck_str	BOBJ1	33.75	Before	Left Exterior Girder	33.75	0.95	1	1	28.701442
Gravel Truck_str	BOBJ1	33.75	Before	Interior Girder 1	33.75	0.95	1	1	21.076411
Gravel Truck_str	BOBJ1	33.75	Before	Interior Girder 2	33.75	0.95	1	1	21.07641
Gravel Truck_str	BOBJ1	33.75	Before	Right Exterior Girder	33.75	0.95	1	1	28.701442
Gravel Truck_str	BOBJ1	33.75	After	Left Exterior Girder	33.75	0.95	1	1	29.626936
Gravel Truck_str	BOBJ1	33.75	After	Interior Girder 1	33.75	0.95	1	1	22.337062
Gravel Truck_str	BOBJ1	33.75	After	Interior Girder 2	33.75	0.95	1	1	22.337061
Gravel Truck_str	BOBJ1	33.75	After	Right Exterior Girder	33.75	0.95	1	1	29.626937

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Main Span Girders									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Gravel Truck_str	BOBJ1	38.8274	Before	Left Exterior Girder	38.8274	0.95	1	1	29.764164
Gravel Truck_str	BOBJ1	38.8274	Before	Interior Girder 1	38.8274	0.95	1	1	22.453233
Gravel Truck_str	BOBJ1	38.8274	Before	Interior Girder 2	38.8274	0.95	1	1	22.453231
Gravel Truck_str	BOBJ1	38.8274	Before	Right Exterior Girder	38.8274	0.95	1	1	29.764165
Gravel Truck_str	BOBJ1	38.8274	After	Left Exterior Girder	38.8274	0.95	1	1	51.118681
Gravel Truck_str	BOBJ1	38.8274	After	Interior Girder 1	38.8274	0.95	1	1	39.503913
Gravel Truck_str	BOBJ1	38.8274	After	Interior Girder 2	38.8274	0.95	1	1	39.503911
Gravel Truck_str	BOBJ1	38.8274	After	Right Exterior Girder	38.8274	0.95	1	1	51.118683
Gravel Truck_str	BOBJ1	45	Before	Left Exterior Girder	45	0.95	1	1	51.337473
Gravel Truck_str	BOBJ1	45	Before	Interior Girder 1	45	0.95	1	1	39.689825
Gravel Truck_str	BOBJ1	45	Before	Interior Girder 2	45	0.95	1	1	39.689823
Gravel Truck_str	BOBJ1	45	Before	Right Exterior Girder	45	0.95	1	1	51.337475
Gravel Truck_str	BOBJ1	45	After	Left Exterior Girder	45	0.95	1	1	58.028281
Gravel Truck_str	BOBJ1	45	After	Interior Girder 1	45	0.95	1	1	40.437981
Gravel Truck_str	BOBJ1	45	After	Interior Girder 2	45	0.95	1	1	40.437977
Gravel Truck_str	BOBJ1	45	After	Right Exterior Girder	45	0.95	1	1	58.028283
Gravel Truck_str	BOBJ1	56.25	Before	Left Exterior Girder	56.25	0.95	1	1	58.477209
Gravel Truck_str	BOBJ1	56.25	Before	Interior Girder 1	56.25	0.95	1	1	40.782315
Gravel Truck_str	BOBJ1	56.25	Before	Interior Girder 2	56.25	0.95	1	1	40.782311
Gravel Truck_str	BOBJ1	56.25	Before	Right Exterior Girder	56.25	0.95	1	1	58.477211
Gravel Truck_str	BOBJ1	56.25	After	Left Exterior Girder	56.25	0.95	1	1	65.158868
Gravel Truck_str	BOBJ1	56.25	After	Interior Girder 1	56.25	0.95	1	1	46.627342
Gravel Truck_str	BOBJ1	56.25	After	Interior Girder 2	56.25	0.95	1	1	46.627338
Gravel Truck_str	BOBJ1	56.25	After	Right Exterior Girder	56.25	0.95	1	1	65.15887
Gravel Truck_str	BOBJ1	67.5	Before	Left Exterior Girder	67.5	0.95	1	1	65.657401
Gravel Truck_str	BOBJ1	67.5	Before	Interior Girder 1	67.5	0.95	1	1	47.01998
Gravel Truck_str	BOBJ1	67.5	Before	Interior Girder 2	67.5	0.95	1	1	47.019975
Gravel Truck_str	BOBJ1	67.5	Before	Right Exterior Girder	67.5	0.95	1	1	65.657403
Gravel Truck_str	BOBJ1	67.5	After	Left Exterior Girder	67.5	0.95	1	1	75.794233
Gravel Truck_str	BOBJ1	67.5	After	Interior Girder 1	67.5	0.95	1	1	46.214011
Gravel Truck_str	BOBJ1	67.5	After	Interior Girder 2	67.5	0.95	1	1	46.214014
Gravel Truck_str	BOBJ1	67.5	After	Right Exterior Girder	67.5	0.95	1	1	75.794216
Gravel Truck_str	BOBJ1	78.75	Before	Left Exterior Girder	78.75	0.95	1	1	76.367064
Gravel Truck_str	BOBJ1	78.75	Before	Interior Girder 1	78.75	0.95	1	1	46.598637
Gravel Truck_str	BOBJ1	78.75	Before	Interior Girder 2	78.75	0.95	1	1	46.598639
Gravel Truck_str	BOBJ1	78.75	Before	Right Exterior Girder	78.75	0.95	1	1	76.367046
Gravel Truck_str	BOBJ1	78.75	After	Left Exterior Girder	78.75	0.95	1	1	87.174574
Gravel Truck_str	BOBJ1	78.75	After	Interior Girder 1	78.75	0.95	1	1	48.063082
Gravel Truck_str	BOBJ1	78.75	After	Interior Girder 2	78.75	0.95	1	1	48.063078
Gravel Truck_str	BOBJ1	78.75	After	Right Exterior Girder	78.75	0.95	1	1	87.174551
Gravel Truck_str	BOBJ1	90	Before	Left Exterior Girder	90	0.95	1	1	87.826315
Gravel Truck_str	BOBJ1	90	Before	Interior Girder 1	90	0.95	1	1	47.661438
Gravel Truck_str	BOBJ1	90	Before	Interior Girder 2	90	0.95	1	1	47.661433
Gravel Truck_str	BOBJ1	90	Before	Right Exterior Girder	90	0.95	1	1	87.826291
Gravel Truck_str	BOBJ1	90	After	Left Exterior Girder	90	0.95	1	1	77.316547
Gravel Truck_str	BOBJ1	90	After	Interior Girder 1	90	0.95	1	1	48.630821
Gravel Truck_str	BOBJ1	90	After	Interior Girder 2	90	0.95	1	1	48.630811
Gravel Truck_str	BOBJ1	90	After	Right Exterior Girder	90	0.95	1	1	77.316554
Gravel Truck_str	BOBJ1	101.25	Before	Left Exterior Girder	101.25	0.95	1	1	76.721812
Gravel Truck_str	BOBJ1	101.25	Before	Interior Girder 1	101.25	0.95	1	1	48.219618
Gravel Truck_str	BOBJ1	101.25	Before	Interior Girder 2	101.25	0.95	1	1	48.219608
Gravel Truck_str	BOBJ1	101.25	Before	Right Exterior Girder	101.25	0.95	1	1	76.721819
Gravel Truck_str	BOBJ1	101.25	After	Left Exterior Girder	101.25	0.95	1	1	67.831339
Gravel Truck_str	BOBJ1	101.25	After	Interior Girder 1	101.25	0.95	1	1	42.245747
Gravel Truck_str	BOBJ1	101.25	After	Interior Girder 2	101.25	0.95	1	1	42.24574
Gravel Truck_str	BOBJ1	101.25	After	Right Exterior Girder	101.25	0.95	1	1	67.831342
Gravel Truck_str	BOBJ1	112.5	Before	Left Exterior Girder	112.5	0.95	1	1	67.303722
Gravel Truck_str	BOBJ1	112.5	Before	Interior Girder 1	112.5	0.95	1	1	41.88451
Gravel Truck_str	BOBJ1	112.5	Before	Interior Girder 2	112.5	0.95	1	1	41.884503
Gravel Truck_str	BOBJ1	112.5	Before	Right Exterior Girder	112.5	0.95	1	1	67.303725
Gravel Truck_str	BOBJ1	112.5	After	Left Exterior Girder	112.5	0.95	1	1	59.318001
Gravel Truck_str	BOBJ1	112.5	After	Interior Girder 1	112.5	0.95	1	1	42.589213
Gravel Truck_str	BOBJ1	112.5	After	Interior Girder 2	112.5	0.95	1	1	42.589215
Gravel Truck_str	BOBJ1	112.5	After	Right Exterior Girder	112.5	0.95	1	1	59.317997
Gravel Truck_str	BOBJ1	123.75	Before	Left Exterior Girder	123.75	0.95	1	1	58.850768
Gravel Truck_str	BOBJ1	123.75	Before	Interior Girder 1	123.75	0.95	1	1	42.220605
Gravel Truck_str	BOBJ1	123.75	Before	Interior Girder 2	123.75	0.95	1	1	42.220607
Gravel Truck_str	BOBJ1	123.75	Before	Right Exterior Girder	123.75	0.95	1	1	58.850765

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Main Span Girders									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Gravel Truck_str	BOBJ1	123.75	After	Left Exterior Girder	123.75	0.95	1	1	53.137861
Gravel Truck_str	BOBJ1	123.75	After	Interior Girder 1	123.75	0.95	1	1	36.693684
Gravel Truck_str	BOBJ1	123.75	After	Interior Girder 2	123.75	0.95	1	1	36.693687
Gravel Truck_str	BOBJ1	123.75	After	Right Exterior Girder	123.75	0.95	1	1	53.137858
Gravel Truck_str	BOBJ1	126.4381	Before	Left Exterior Girder	126.4381	0.95	1	1	53.03678
Gravel Truck_str	BOBJ1	126.4381	Before	Interior Girder 1	126.4381	0.95	1	1	36.617059
Gravel Truck_str	BOBJ1	126.4381	Before	Interior Girder 2	126.4381	0.95	1	1	36.617061
Gravel Truck_str	BOBJ1	126.4381	Before	Right Exterior Girder	126.4381	0.95	1	1	53.036776
Gravel Truck_str	BOBJ1	126.4381	After	Left Exterior Girder	126.4381	0.95	1	1	31.809563
Gravel Truck_str	BOBJ1	126.4381	After	Interior Girder 1	126.4381	0.95	1	1	21.918728
Gravel Truck_str	BOBJ1	126.4381	After	Interior Girder 2	126.4381	0.95	1	1	21.91873
Gravel Truck_str	BOBJ1	126.4381	After	Right Exterior Girder	126.4381	0.95	1	1	31.80956
Gravel Truck_str	BOBJ1	135	Before	Left Exterior Girder	135	0.95	1	1	31.553366
Gravel Truck_str	BOBJ1	135	Before	Interior Girder 1	135	0.95	1	1	21.720628
Gravel Truck_str	BOBJ1	135	Before	Interior Girder 2	135	0.95	1	1	21.720629
Gravel Truck_str	BOBJ1	135	Before	Right Exterior Girder	135	0.95	1	1	31.553364
Gravel Truck_str	BOBJ1	135	After	Left Exterior Girder	135	0.95	1	1	29.13801
Gravel Truck_str	BOBJ1	135	After	Interior Girder 1	135	0.95	1	1	22.610282
Gravel Truck_str	BOBJ1	135	After	Interior Girder 2	135	0.95	1	1	22.610284
Gravel Truck_str	BOBJ1	135	After	Right Exterior Girder	135	0.95	1	1	29.138009
Gravel Truck_str	BOBJ1	146.25	Before	Left Exterior Girder	146.25	0.95	1	1	28.824932
Gravel Truck_str	BOBJ1	146.25	Before	Interior Girder 1	146.25	0.95	1	1	22.337837
Gravel Truck_str	BOBJ1	146.25	Before	Interior Girder 2	146.25	0.95	1	1	22.337838
Gravel Truck_str	BOBJ1	146.25	Before	Right Exterior Girder	146.25	0.95	1	1	28.824931
Gravel Truck_str	BOBJ1	146.25	After	Left Exterior Girder	146.25	0.95	1	1	26.765055
Gravel Truck_str	BOBJ1	146.25	After	Interior Girder 1	146.25	0.95	1	1	19.855633
Gravel Truck_str	BOBJ1	146.25	After	Interior Girder 2	146.25	0.95	1	1	19.855634
Gravel Truck_str	BOBJ1	146.25	After	Right Exterior Girder	146.25	0.95	1	1	26.765054
Gravel Truck_str	BOBJ1	157.5	Before	Left Exterior Girder	157.5	0.95	1	1	26.472623
Gravel Truck_str	BOBJ1	157.5	Before	Interior Girder 1	157.5	0.95	1	1	19.612304
Gravel Truck_str	BOBJ1	157.5	Before	Interior Girder 2	157.5	0.95	1	1	19.612306
Gravel Truck_str	BOBJ1	157.5	Before	Right Exterior Girder	157.5	0.95	1	1	26.472621
Gravel Truck_str	BOBJ1	157.5	After	Left Exterior Girder	157.5	0.95	1	1	24.536073
Gravel Truck_str	BOBJ1	157.5	After	Interior Girder 1	157.5	0.95	1	1	19.128523
Gravel Truck_str	BOBJ1	157.5	After	Interior Girder 2	157.5	0.95	1	1	19.128522
Gravel Truck_str	BOBJ1	157.5	After	Right Exterior Girder	157.5	0.95	1	1	24.536073
Gravel Truck_str	BOBJ1	168.2522	Before	Left Exterior Girder	168.2522	0.95	1	1	24.274999
Gravel Truck_str	BOBJ1	168.2522	Before	Interior Girder 1	168.2522	0.95	1	1	18.900222
Gravel Truck_str	BOBJ1	168.2522	Before	Interior Girder 2	168.2522	0.95	1	1	18.900222
Gravel Truck_str	BOBJ1	168.2522	Before	Right Exterior Girder	168.2522	0.95	1	1	24.274998
Gravel Truck_str	BOBJ1	168.2522	After	Left Exterior Girder	168.2522	0.95	1	1	32.821281
Gravel Truck_str	BOBJ1	168.2522	After	Interior Girder 1	168.2522	0.95	1	1	25.333884
Gravel Truck_str	BOBJ1	168.2522	After	Interior Girder 2	168.2522	0.95	1	1	25.333883
Gravel Truck_str	BOBJ1	168.2522	After	Right Exterior Girder	168.2522	0.95	1	1	32.82128
Gravel Truck_str	BOBJ1	168.75	Before	Left Exterior Girder	168.75	0.95	1	1	32.808191
Gravel Truck_str	BOBJ1	168.75	Before	Interior Girder 1	168.75	0.95	1	1	25.322911
Gravel Truck_str	BOBJ1	168.75	Before	Interior Girder 2	168.75	0.95	1	1	25.32291
Gravel Truck_str	BOBJ1	168.75	Before	Right Exterior Girder	168.75	0.95	1	1	32.80819
Gravel Truck_str	BOBJ1	168.75	After	Left Exterior Girder	168.75	0.95	1	1	35.77634
Gravel Truck_str	BOBJ1	168.75	After	Interior Girder 1	168.75	0.95	1	1	26.146725
Gravel Truck_str	BOBJ1	168.75	After	Interior Girder 2	168.75	0.95	1	1	26.146723
Gravel Truck_str	BOBJ1	168.75	After	Right Exterior Girder	168.75	0.95	1	1	35.776339
Gravel Truck_str	BOBJ1	180	Before	Left Exterior Girder	180	0.95	1	1	35.455142
Gravel Truck_str	BOBJ1	180	Before	Interior Girder 1	180	0.95	1	1	25.888609
Gravel Truck_str	BOBJ1	180	Before	Interior Girder 2	180	0.95	1	1	25.888607
Gravel Truck_str	BOBJ1	180	Before	Right Exterior Girder	180	0.95	1	1	35.455142
Gravel Truck_str	BOBJ1	180	After	Left Exterior Girder	180	0.95	1	1	33.102713
Gravel Truck_str	BOBJ1	180	After	Interior Girder 1	180	0.95	1	1	23.904689
Gravel Truck_str	BOBJ1	180	After	Interior Girder 2	180	0.95	1	1	23.904688
Gravel Truck_str	BOBJ1	180	After	Right Exterior Girder	180	0.95	1	1	33.102714
Gravel Truck_str	BOBJ1	183.1858	Before	Left Exterior Girder	183.1858	0.95	1	1	33.017399
Gravel Truck_str	BOBJ1	183.1858	Before	Interior Girder 1	183.1858	0.95	1	1	23.837026
Gravel Truck_str	BOBJ1	183.1858	Before	Interior Girder 2	183.1858	0.95	1	1	23.837025
Gravel Truck_str	BOBJ1	183.1858	Before	Right Exterior Girder	183.1858	0.95	1	1	33.017401
Gravel Truck_str	BOBJ1	183.1858	After	Left Exterior Girder	183.1858	0.95	1	1	52.771351
Gravel Truck_str	BOBJ1	183.1858	After	Interior Girder 1	183.1858	0.95	1	1	37.225576
Gravel Truck_str	BOBJ1	183.1858	After	Interior Girder 2	183.1858	0.95	1	1	37.225575
Gravel Truck_str	BOBJ1	183.1858	After	Right Exterior Girder	183.1858	0.95	1	1	52.771354

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Main Span Girders									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Gravel Truck_str	BOBJ1	191.25	Before	Left Exterior Girder	191.25	0.95	1	1	52.496615
Gravel Truck_str	BOBJ1	191.25	Before	Interior Girder 1	191.25	0.95	1	1	37.01651
Gravel Truck_str	BOBJ1	191.25	Before	Interior Girder 2	191.25	0.95	1	1	37.016509
Gravel Truck_str	BOBJ1	191.25	Before	Right Exterior Girder	191.25	0.95	1	1	52.496618
Gravel Truck_str	BOBJ1	191.25	After	Left Exterior Girder	191.25	0.95	1	1	51.111585
Gravel Truck_str	BOBJ1	191.25	After	Interior Girder 1	191.25	0.95	1	1	34.157278
Gravel Truck_str	BOBJ1	191.25	After	Interior Girder 2	191.25	0.95	1	1	34.157277
Gravel Truck_str	BOBJ1	191.25	After	Right Exterior Girder	191.25	0.95	1	1	51.111587
Gravel Truck_str	BOBJ1	199.9414	Before	Left Exterior Girder	199.9414	0.95	1	1	50.822747
Gravel Truck_str	BOBJ1	199.9414	Before	Interior Girder 1	199.9414	0.95	1	1	33.949005
Gravel Truck_str	BOBJ1	199.9414	Before	Interior Girder 2	199.9414	0.95	1	1	33.949004
Gravel Truck_str	BOBJ1	199.9414	Before	Right Exterior Girder	199.9414	0.95	1	1	50.82275
Gravel Truck_str	BOBJ1	199.9414	After	Left Exterior Girder	199.9414	0.95	1	1	64.874309
Gravel Truck_str	BOBJ1	199.9414	After	Interior Girder 1	199.9414	0.95	1	1	41.14729
Gravel Truck_str	BOBJ1	199.9414	After	Interior Girder 2	199.9414	0.95	1	1	41.147289
Gravel Truck_str	BOBJ1	199.9414	After	Right Exterior Girder	199.9414	0.95	1	1	64.874312
Gravel Truck_str	BOBJ1	202.5	Before	Left Exterior Girder	202.5	0.95	1	1	64.777295
Gravel Truck_str	BOBJ1	202.5	Before	Interior Girder 1	202.5	0.95	1	1	41.081684
Gravel Truck_str	BOBJ1	202.5	Before	Interior Girder 2	202.5	0.95	1	1	41.081683
Gravel Truck_str	BOBJ1	202.5	Before	Right Exterior Girder	202.5	0.95	1	1	64.777297
Gravel Truck_str	BOBJ1	202.5	After	Left Exterior Girder	202.5	0.95	1	1	65.284727
Gravel Truck_str	BOBJ1	202.5	After	Interior Girder 1	202.5	0.95	1	1	41.485895
Gravel Truck_str	BOBJ1	202.5	After	Interior Girder 2	202.5	0.95	1	1	41.485895
Gravel Truck_str	BOBJ1	202.5	After	Right Exterior Girder	202.5	0.95	1	1	65.284729
Gravel Truck_str	BOBJ1	210.5642	Before	Left Exterior Girder	210.5642	0.95	1	1	64.976253
Gravel Truck_str	BOBJ1	210.5642	Before	Interior Girder 1	210.5642	0.95	1	1	41.276704
Gravel Truck_str	BOBJ1	210.5642	Before	Interior Girder 2	210.5642	0.95	1	1	41.276703
Gravel Truck_str	BOBJ1	210.5642	Before	Right Exterior Girder	210.5642	0.95	1	1	64.976255
Gravel Truck_str	BOBJ1	210.5642	After	Left Exterior Girder	210.5642	0.95	1	1	78.887353
Gravel Truck_str	BOBJ1	210.5642	After	Interior Girder 1	210.5642	0.95	1	1	47.990274
Gravel Truck_str	BOBJ1	210.5642	After	Interior Girder 2	210.5642	0.95	1	1	47.990273
Gravel Truck_str	BOBJ1	210.5642	After	Right Exterior Girder	210.5642	0.95	1	1	78.887355
Gravel Truck_str	BOBJ1	213.75	Before	Left Exterior Girder	213.75	0.95	1	1	78.750287
Gravel Truck_str	BOBJ1	213.75	Before	Interior Girder 1	213.75	0.95	1	1	47.90204
Gravel Truck_str	BOBJ1	213.75	Before	Interior Girder 2	213.75	0.95	1	1	47.90204
Gravel Truck_str	BOBJ1	213.75	Before	Right Exterior Girder	213.75	0.95	1	1	78.750289
Gravel Truck_str	BOBJ1	213.75	After	Left Exterior Girder	213.75	0.95	1	1	78.835635
Gravel Truck_str	BOBJ1	213.75	After	Interior Girder 1	213.75	0.95	1	1	46.772331
Gravel Truck_str	BOBJ1	213.75	After	Interior Girder 2	213.75	0.95	1	1	46.77233
Gravel Truck_str	BOBJ1	213.75	After	Right Exterior Girder	213.75	0.95	1	1	78.835637
Gravel Truck_str	BOBJ1	225	Before	Left Exterior Girder	225	0.95	1	1	78.3507
Gravel Truck_str	BOBJ1	225	Before	Interior Girder 1	225	0.95	1	1	46.467801
Gravel Truck_str	BOBJ1	225	Before	Interior Girder 2	225	0.95	1	1	46.467801
Gravel Truck_str	BOBJ1	225	Before	Right Exterior Girder	225	0.95	1	1	78.350701
Gravel Truck_str	BOBJ1	225	After	Left Exterior Girder	0	0.95	1	1	73.961625
Gravel Truck_str	BOBJ1	225	After	Interior Girder 1	0	0.95	1	1	43.798502
Gravel Truck_str	BOBJ1	225	After	Interior Girder 2	0	0.95	1	1	43.798502
Gravel Truck_str	BOBJ1	225	After	Right Exterior Girder	0	0.95	1	1	73.961624
Gravel Truck_str	BOBJ1	236.45	Before	Left Exterior Girder	11.45	0.95	1	1	75.722038
Gravel Truck_str	BOBJ1	236.45	Before	Interior Girder 1	11.45	0.95	1	1	46.626718
Gravel Truck_str	BOBJ1	236.45	Before	Interior Girder 2	11.45	0.95	1	1	46.626718
Gravel Truck_str	BOBJ1	236.45	Before	Right Exterior Girder	11.45	0.95	1	1	75.722037
Gravel Truck_str	BOBJ1	236.45	After	Left Exterior Girder	11.45	0.95	1	1	75.619461
Gravel Truck_str	BOBJ1	236.45	After	Interior Girder 1	11.45	0.95	1	1	47.147159
Gravel Truck_str	BOBJ1	236.45	After	Interior Girder 2	11.45	0.95	1	1	47.147159
Gravel Truck_str	BOBJ1	236.45	After	Right Exterior Girder	11.45	0.95	1	1	75.61946
Gravel Truck_str	BOBJ1	239.5082	Before	Left Exterior Girder	14.5082	0.95	1	1	75.747135
Gravel Truck_str	BOBJ1	239.5082	Before	Interior Girder 1	14.5082	0.95	1	1	47.231359
Gravel Truck_str	BOBJ1	239.5082	Before	Interior Girder 2	14.5082	0.95	1	1	47.23136
Gravel Truck_str	BOBJ1	239.5082	Before	Right Exterior Girder	14.5082	0.95	1	1	75.747134
Gravel Truck_str	BOBJ1	239.5082	After	Left Exterior Girder	14.5082	0.95	1	1	62.093824
Gravel Truck_str	BOBJ1	239.5082	After	Interior Girder 1	14.5082	0.95	1	1	40.583587
Gravel Truck_str	BOBJ1	239.5082	After	Interior Girder 2	14.5082	0.95	1	1	40.583588
Gravel Truck_str	BOBJ1	239.5082	After	Right Exterior Girder	14.5082	0.95	1	1	62.093823
Gravel Truck_str	BOBJ1	247.9	Before	Left Exterior Girder	22.9	0.95	1	1	62.404627
Gravel Truck_str	BOBJ1	247.9	Before	Interior Girder 1	22.9	0.95	1	1	40.800341
Gravel Truck_str	BOBJ1	247.9	Before	Interior Girder 2	22.9	0.95	1	1	40.800341
Gravel Truck_str	BOBJ1	247.9	Before	Right Exterior Girder	22.9	0.95	1	1	62.404627

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Main Span Girders									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Gravel Truck_str	BOBJ1	247.9	After	Left Exterior Girder	22.9	0.95	1	1	64.708988
Gravel Truck_str	BOBJ1	247.9	After	Interior Girder 1	22.9	0.95	1	1	43.632544
Gravel Truck_str	BOBJ1	247.9	After	Interior Girder 2	22.9	0.95	1	1	43.632544
Gravel Truck_str	BOBJ1	247.9	After	Right Exterior Girder	22.9	0.95	1	1	64.708987
Gravel Truck_str	BOBJ1	258.5189	Before	Left Exterior Girder	33.5189	0.95	1	1	65.115869
Gravel Truck_str	BOBJ1	258.5189	Before	Interior Girder 1	33.5189	0.95	1	1	43.925271
Gravel Truck_str	BOBJ1	258.5189	Before	Interior Girder 2	33.5189	0.95	1	1	43.925272
Gravel Truck_str	BOBJ1	258.5189	Before	Right Exterior Girder	33.5189	0.95	1	1	65.115868
Gravel Truck_str	BOBJ1	258.5189	After	Left Exterior Girder	33.5189	0.95	1	1	47.898584
Gravel Truck_str	BOBJ1	258.5189	After	Interior Girder 1	33.5189	0.95	1	1	34.630048
Gravel Truck_str	BOBJ1	258.5189	After	Interior Girder 2	33.5189	0.95	1	1	34.630048
Gravel Truck_str	BOBJ1	258.5189	After	Right Exterior Girder	33.5189	0.95	1	1	47.898583
Gravel Truck_str	BOBJ1	259.3	Before	Left Exterior Girder	34.3	0.95	1	1	47.923367
Gravel Truck_str	BOBJ1	259.3	Before	Interior Girder 1	34.3	0.95	1	1	34.649248
Gravel Truck_str	BOBJ1	259.3	Before	Interior Girder 2	34.3	0.95	1	1	34.649248
Gravel Truck_str	BOBJ1	259.3	Before	Right Exterior Girder	34.3	0.95	1	1	47.923366
Gravel Truck_str	BOBJ1	259.3	After	Left Exterior Girder	34.3	0.95	1	1	50.061832
Gravel Truck_str	BOBJ1	259.3	After	Interior Girder 1	34.3	0.95	1	1	35.510534
Gravel Truck_str	BOBJ1	259.3	After	Interior Girder 2	34.3	0.95	1	1	35.510534
Gravel Truck_str	BOBJ1	259.3	After	Right Exterior Girder	34.3	0.95	1	1	50.061831
Gravel Truck_str	BOBJ1	266.1031	Before	Left Exterior Girder	41.1031	0.95	1	1	50.286366
Gravel Truck_str	BOBJ1	266.1031	Before	Interior Girder 1	41.1031	0.95	1	1	35.682334
Gravel Truck_str	BOBJ1	266.1031	Before	Interior Girder 2	41.1031	0.95	1	1	35.682334
Gravel Truck_str	BOBJ1	266.1031	Before	Right Exterior Girder	41.1031	0.95	1	1	50.286365
Gravel Truck_str	BOBJ1	266.1031	After	Left Exterior Girder	41.1031	0.95	1	1	31.548128
Gravel Truck_str	BOBJ1	266.1031	After	Interior Girder 1	41.1031	0.95	1	1	23.069758
Gravel Truck_str	BOBJ1	266.1031	After	Interior Girder 2	41.1031	0.95	1	1	23.069758
Gravel Truck_str	BOBJ1	266.1031	After	Right Exterior Girder	41.1031	0.95	1	1	31.548127
Gravel Truck_str	BOBJ1	270.7	Before	Left Exterior Girder	45.7	0.95	1	1	31.668831
Gravel Truck_str	BOBJ1	270.7	Before	Interior Girder 1	45.7	0.95	1	1	23.166767
Gravel Truck_str	BOBJ1	270.7	Before	Interior Girder 2	45.7	0.95	1	1	23.166767
Gravel Truck_str	BOBJ1	270.7	Before	Right Exterior Girder	45.7	0.95	1	1	31.66883
Gravel Truck_str	BOBJ1	270.7	After	Left Exterior Girder	45.7	0.95	1	1	31.968124
Gravel Truck_str	BOBJ1	270.7	After	Interior Girder 1	45.7	0.95	1	1	22.439083
Gravel Truck_str	BOBJ1	270.7	After	Interior Girder 2	45.7	0.95	1	1	22.439083
Gravel Truck_str	BOBJ1	270.7	After	Right Exterior Girder	45.7	0.95	1	1	31.968123
Gravel Truck_str	BOBJ1	273.6874	Before	Left Exterior Girder	48.6874	0.95	1	1	32.047156
Gravel Truck_str	BOBJ1	273.6874	Before	Interior Girder 1	48.6874	0.95	1	1	22.499955
Gravel Truck_str	BOBJ1	273.6874	Before	Interior Girder 2	48.6874	0.95	1	1	22.499956
Gravel Truck_str	BOBJ1	273.6874	Before	Right Exterior Girder	48.6874	0.95	1	1	32.047155
Gravel Truck_str	BOBJ1	273.6874	After	Left Exterior Girder	48.6874	0.95	1	1	21.158491
Gravel Truck_str	BOBJ1	273.6874	After	Interior Girder 1	48.6874	0.95	1	1	15.710082
Gravel Truck_str	BOBJ1	273.6874	After	Interior Girder 2	48.6874	0.95	1	1	15.710083
Gravel Truck_str	BOBJ1	273.6874	After	Right Exterior Girder	48.6874	0.95	1	1	21.15849
Gravel Truck_str	BOBJ1	282.15	Before	Left Exterior Girder	57.15	0.95	1	1	21.347795
Gravel Truck_str	BOBJ1	282.15	Before	Interior Girder 1	57.15	0.95	1	1	15.867747
Gravel Truck_str	BOBJ1	282.15	Before	Interior Girder 2	57.15	0.95	1	1	15.867747
Gravel Truck_str	BOBJ1	282.15	Before	Right Exterior Girder	57.15	0.95	1	1	21.347794
Gravel Truck_str	BOBJ1	282.15	After	Left Exterior Girder	57.15	0.95	1	1	21.72101
Gravel Truck_str	BOBJ1	282.15	After	Interior Girder 1	57.15	0.95	1	1	16.571364
Gravel Truck_str	BOBJ1	282.15	After	Interior Girder 2	57.15	0.95	1	1	16.571364
Gravel Truck_str	BOBJ1	282.15	After	Right Exterior Girder	57.15	0.95	1	1	21.721009
Gravel Truck_str	BOBJ1	293.6	Before	Left Exterior Girder	68.6	0.95	1	1	22.855334
Gravel Truck_str	BOBJ1	293.6	Before	Interior Girder 1	68.6	0.95	1	1	18.074762
Gravel Truck_str	BOBJ1	293.6	Before	Interior Girder 2	68.6	0.95	1	1	18.074762
Gravel Truck_str	BOBJ1	293.6	Before	Right Exterior Girder	68.6	0.95	1	1	22.855332
Gravel Truck_str	BOBJ1	293.6	After	Left Exterior Girder	68.6	0.95	1	1	23.45787
Gravel Truck_str	BOBJ1	293.6	After	Interior Girder 1	68.6	0.95	1	1	17.094545
Gravel Truck_str	BOBJ1	293.6	After	Interior Girder 2	68.6	0.95	1	1	17.094545
Gravel Truck_str	BOBJ1	293.6	After	Right Exterior Girder	68.6	0.95	1	1	23.457871
Gravel Truck_str	BOBJ1	305	Before	Left Exterior Girder	80	0.95	1	1	24.72076
Gravel Truck_str	BOBJ1	305	Before	Interior Girder 1	80	0.95	1	1	18.49034
Gravel Truck_str	BOBJ1	305	Before	Interior Girder 2	80	0.95	1	1	18.49034
Gravel Truck_str	BOBJ1	305	Before	Right Exterior Girder	80	0.95	1	1	24.720762
Gravel Truck_str	BOBJ1	305	After	Left Exterior Girder	80	0.95	1	1	24.189678
Gravel Truck_str	BOBJ1	305	After	Interior Girder 1	80	0.95	1	1	18.468004
Gravel Truck_str	BOBJ1	305	After	Interior Girder 2	80	0.95	1	1	18.468003
Gravel Truck_str	BOBJ1	305	After	Right Exterior Girder	80	0.95	1	1	24.18968

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Main Span Girders									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Gravel Truck_str	BOBJ1	306.9561	Before	Left Exterior Girder	81.9561	0.95	1	1	24.237428
Gravel Truck_str	BOBJ1	306.9561	Before	Interior Girder 1	81.9561	0.95	1	1	18.508596
Gravel Truck_str	BOBJ1	306.9561	Before	Interior Girder 2	81.9561	0.95	1	1	18.508596
Gravel Truck_str	BOBJ1	306.9561	Before	Right Exterior Girder	81.9561	0.95	1	1	24.23743
Gravel Truck_str	BOBJ1	306.9561	After	Left Exterior Girder	81.9561	0.95	1	1	44.455238
Gravel Truck_str	BOBJ1	306.9561	After	Interior Girder 1	81.9561	0.95	1	1	34.702079
Gravel Truck_str	BOBJ1	306.9561	After	Interior Girder 2	81.9561	0.95	1	1	34.702079
Gravel Truck_str	BOBJ1	306.9561	After	Right Exterior Girder	81.9561	0.95	1	1	44.455242
Gravel Truck_str	BOBJ1	316.4	Before	Left Exterior Girder	91.4	0.95	1	1	44.77497
Gravel Truck_str	BOBJ1	316.4	Before	Interior Girder 1	91.4	0.95	1	1	34.975618
Gravel Truck_str	BOBJ1	316.4	Before	Interior Girder 2	91.4	0.95	1	1	34.975618
Gravel Truck_str	BOBJ1	316.4	Before	Right Exterior Girder	91.4	0.95	1	1	44.774974
Gravel Truck_str	BOBJ1	316.4	After	Left Exterior Girder	91.4	0.95	1	1	46.156835
Gravel Truck_str	BOBJ1	316.4	After	Interior Girder 1	91.4	0.95	1	1	32.317476
Gravel Truck_str	BOBJ1	316.4	After	Interior Girder 2	91.4	0.95	1	1	32.317476
Gravel Truck_str	BOBJ1	316.4	After	Right Exterior Girder	91.4	0.95	1	1	46.156837
Gravel Truck_str	BOBJ1	327.85	Before	Left Exterior Girder	102.9679	0.95	1	1	48.817604
Gravel Truck_str	BOBJ1	327.85	Before	Interior Girder 1	102.9679	0.95	1	1	35.130288
Gravel Truck_str	BOBJ1	327.85	Before	Interior Girder 2	102.9679	0.95	1	1	35.130289
Gravel Truck_str	BOBJ1	327.85	Before	Right Exterior Girder	102.9679	0.95	1	1	48.817606
Gravel Truck_str	BOBJ1	327.85	After	Left Exterior Girder	102.9679	0.95	1	1	76.32341
Gravel Truck_str	BOBJ1	327.85	After	Interior Girder 1	102.9679	0.95	1	1	55.231206
Gravel Truck_str	BOBJ1	327.85	After	Interior Girder 2	102.9679	0.95	1	1	55.231208
Gravel Truck_str	BOBJ1	327.85	After	Right Exterior Girder	102.9679	0.95	1	1	76.323412
Gravel Truck_str	BOBJ1	339.3	Before	Left Exterior Girder	114.3	0.95	1	1	80.49085
Gravel Truck_str	BOBJ1	339.3	Before	Interior Girder 1	114.3	0.95	1	1	59.763008
Gravel Truck_str	BOBJ1	339.3	Before	Interior Girder 2	114.3	0.95	1	1	59.763009
Gravel Truck_str	BOBJ1	339.3	Before	Right Exterior Girder	114.3	0.95	1	1	80.490852
Gravel Truck_str	BOBJ1	339.3	After	Left Exterior Girder	114.3	0.95	1	1	83.501276
Gravel Truck_str	BOBJ1	339.3	After	Interior Girder 1	114.3	0.95	1	1	54.672804
Gravel Truck_str	BOBJ1	339.3	After	Interior Girder 2	114.3	0.95	1	1	54.672802
Gravel Truck_str	BOBJ1	339.3	After	Right Exterior Girder	114.3	0.95	1	1	83.501274
Gravel Truck_str	BOBJ1	350.7	Before	Left Exterior Girder	125.7	0.95	1	1	88.549161
Gravel Truck_str	BOBJ1	350.7	Before	Interior Girder 1	125.7	0.95	1	1	59.443232
Gravel Truck_str	BOBJ1	350.7	Before	Interior Girder 2	125.7	0.95	1	1	59.44323
Gravel Truck_str	BOBJ1	350.7	Before	Right Exterior Girder	125.7	0.95	1	1	88.549159
Gravel Truck_str	BOBJ1	350.7	After	Left Exterior Girder	125.7	0.95	1	1	91.031848
Gravel Truck_str	BOBJ1	350.7	After	Interior Girder 1	125.7	0.95	1	1	61.074639
Gravel Truck_str	BOBJ1	350.7	After	Interior Girder 2	125.7	0.95	1	1	61.074637
Gravel Truck_str	BOBJ1	350.7	After	Right Exterior Girder	125.7	0.95	1	1	91.031847
Gravel Truck_str	BOBJ1	362.1	Before	Left Exterior Girder	137.1	0.95	1	1	96.663032
Gravel Truck_str	BOBJ1	362.1	Before	Interior Girder 1	137.1	0.95	1	1	66.368335
Gravel Truck_str	BOBJ1	362.1	Before	Interior Girder 2	137.1	0.95	1	1	66.368334
Gravel Truck_str	BOBJ1	362.1	Before	Right Exterior Girder	137.1	0.95	1	1	96.663032
Gravel Truck_str	BOBJ1	362.1	After	Left Exterior Girder	137.1	0.95	1	1	101.228991
Gravel Truck_str	BOBJ1	362.1	After	Interior Girder 1	137.1	0.95	1	1	60.018177
Gravel Truck_str	BOBJ1	362.1	After	Interior Girder 2	137.1	0.95	1	1	60.018178
Gravel Truck_str	BOBJ1	362.1	After	Right Exterior Girder	137.1	0.95	1	1	101.228983
Gravel Truck_str	BOBJ1	373.55	Before	Left Exterior Girder	148.55	0.95	1	1	108.315257
Gravel Truck_str	BOBJ1	373.55	Before	Interior Girder 1	148.55	0.95	1	1	65.503224
Gravel Truck_str	BOBJ1	373.55	Before	Interior Girder 2	148.55	0.95	1	1	65.503224
Gravel Truck_str	BOBJ1	373.55	Before	Right Exterior Girder	148.55	0.95	1	1	108.315248
Gravel Truck_str	BOBJ1	373.55	After	Left Exterior Girder	148.55	0.95	1	1	112.136392
Gravel Truck_str	BOBJ1	373.55	After	Interior Girder 1	148.55	0.95	1	1	67.363692
Gravel Truck_str	BOBJ1	373.55	After	Interior Girder 2	148.55	0.95	1	1	67.363692
Gravel Truck_str	BOBJ1	373.55	After	Right Exterior Girder	148.55	0.95	1	1	112.136381
Gravel Truck_str	BOBJ1	385	Before	Left Exterior Girder	160	0.95	1	1	120.408398
Gravel Truck_str	BOBJ1	385	Before	Interior Girder 1	160	0.95	1	1	65.880515
Gravel Truck_str	BOBJ1	385	Before	Interior Girder 2	160	0.95	1	1	65.880513
Gravel Truck_str	BOBJ1	385	Before	Right Exterior Girder	160	0.95	1	1	120.408384
Gravel Truck_str	BOBJ1	385	After	Left Exterior Girder	160	0.95	1	1	120.408384
Gravel Truck_str	BOBJ1	385	After	Interior Girder 1	160	0.95	1	1	65.88051
Gravel Truck_str	BOBJ1	385	After	Interior Girder 2	160	0.95	1	1	65.880512
Gravel Truck_str	BOBJ1	385	After	Right Exterior Girder	160	0.95	1	1	120.408399
Gravel Truck_str	BOBJ1	396.45	Before	Left Exterior Girder	171.45	0.95	1	1	112.13638
Gravel Truck_str	BOBJ1	396.45	Before	Interior Girder 1	171.45	0.95	1	1	67.363695
Gravel Truck_str	BOBJ1	396.45	Before	Interior Girder 2	171.45	0.95	1	1	67.363694
Gravel Truck_str	BOBJ1	396.45	Before	Right Exterior Girder	171.45	0.95	1	1	112.136392

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Main Span Girders									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Gravel Truck_str	BOBJ1	396.45	After	Left Exterior Girder	171.45	0.95	1	1	108.315244
Gravel Truck_str	BOBJ1	396.45	After	Interior Girder 1	171.45	0.95	1	1	65.503226
Gravel Truck_str	BOBJ1	396.45	After	Interior Girder 2	171.45	0.95	1	1	65.503225
Gravel Truck_str	BOBJ1	396.45	After	Right Exterior Girder	171.45	0.95	1	1	108.315255
Gravel Truck_str	BOBJ1	407.9	Before	Left Exterior Girder	182.9	0.95	1	1	101.228981
Gravel Truck_str	BOBJ1	407.9	Before	Interior Girder 1	182.9	0.95	1	1	60.018182
Gravel Truck_str	BOBJ1	407.9	Before	Interior Girder 2	182.9	0.95	1	1	60.01818
Gravel Truck_str	BOBJ1	407.9	Before	Right Exterior Girder	182.9	0.95	1	1	101.228989
Gravel Truck_str	BOBJ1	407.9	After	Left Exterior Girder	182.9	0.95	1	1	96.663023
Gravel Truck_str	BOBJ1	407.9	After	Interior Girder 1	182.9	0.95	1	1	66.36834
Gravel Truck_str	BOBJ1	407.9	After	Interior Girder 2	182.9	0.95	1	1	66.368338
Gravel Truck_str	BOBJ1	407.9	After	Right Exterior Girder	182.9	0.95	1	1	96.663026
Gravel Truck_str	BOBJ1	419.3	Before	Left Exterior Girder	194.3	0.95	1	1	91.03184
Gravel Truck_str	BOBJ1	419.3	Before	Interior Girder 1	194.3	0.95	1	1	61.074641
Gravel Truck_str	BOBJ1	419.3	Before	Interior Girder 2	194.3	0.95	1	1	61.07464
Gravel Truck_str	BOBJ1	419.3	Before	Right Exterior Girder	194.3	0.95	1	1	91.031844
Gravel Truck_str	BOBJ1	419.3	After	Left Exterior Girder	194.3	0.95	1	1	88.549152
Gravel Truck_str	BOBJ1	419.3	After	Interior Girder 1	194.3	0.95	1	1	59.443234
Gravel Truck_str	BOBJ1	419.3	After	Interior Girder 2	194.3	0.95	1	1	59.443233
Gravel Truck_str	BOBJ1	419.3	After	Right Exterior Girder	194.3	0.95	1	1	88.549157
Gravel Truck_str	BOBJ1	430.7	Before	Left Exterior Girder	205.7	0.95	1	1	83.501269
Gravel Truck_str	BOBJ1	430.7	Before	Interior Girder 1	205.7	0.95	1	1	54.672806
Gravel Truck_str	BOBJ1	430.7	Before	Interior Girder 2	205.7	0.95	1	1	54.672804
Gravel Truck_str	BOBJ1	430.7	Before	Right Exterior Girder	205.7	0.95	1	1	83.501273
Gravel Truck_str	BOBJ1	430.7	After	Left Exterior Girder	205.7	0.95	1	1	80.490849
Gravel Truck_str	BOBJ1	430.7	After	Interior Girder 1	205.7	0.95	1	1	59.76301
Gravel Truck_str	BOBJ1	430.7	After	Interior Girder 2	205.7	0.95	1	1	59.763007
Gravel Truck_str	BOBJ1	430.7	After	Right Exterior Girder	205.7	0.95	1	1	80.490858
Gravel Truck_str	BOBJ1	442.15	Before	Left Exterior Girder	217.0321	0.95	1	1	76.32341
Gravel Truck_str	BOBJ1	442.15	Before	Interior Girder 1	217.0321	0.95	1	1	55.231207
Gravel Truck_str	BOBJ1	442.15	Before	Interior Girder 2	217.0321	0.95	1	1	55.231206
Gravel Truck_str	BOBJ1	442.15	Before	Right Exterior Girder	217.0321	0.95	1	1	76.323416
Gravel Truck_str	BOBJ1	442.15	After	Left Exterior Girder	217.0321	0.95	1	1	48.817605
Gravel Truck_str	BOBJ1	442.15	After	Interior Girder 1	217.0321	0.95	1	1	35.130288
Gravel Truck_str	BOBJ1	442.15	After	Interior Girder 2	217.0321	0.95	1	1	35.130288
Gravel Truck_str	BOBJ1	442.15	After	Right Exterior Girder	217.0321	0.95	1	1	48.817608
Gravel Truck_str	BOBJ1	453.6	Before	Left Exterior Girder	228.6	0.95	1	1	46.156836
Gravel Truck_str	BOBJ1	453.6	Before	Interior Girder 1	228.6	0.95	1	1	32.317477
Gravel Truck_str	BOBJ1	453.6	Before	Interior Girder 2	228.6	0.95	1	1	32.317476
Gravel Truck_str	BOBJ1	453.6	Before	Right Exterior Girder	228.6	0.95	1	1	46.156839
Gravel Truck_str	BOBJ1	453.6	After	Left Exterior Girder	228.6	0.95	1	1	44.774972
Gravel Truck_str	BOBJ1	453.6	After	Interior Girder 1	228.6	0.95	1	1	34.975618
Gravel Truck_str	BOBJ1	453.6	After	Interior Girder 2	228.6	0.95	1	1	34.975617
Gravel Truck_str	BOBJ1	453.6	After	Right Exterior Girder	228.6	0.95	1	1	44.774971
Gravel Truck_str	BOBJ1	463.0439	Before	Left Exterior Girder	238.0439	0.95	1	1	44.455239
Gravel Truck_str	BOBJ1	463.0439	Before	Interior Girder 1	238.0439	0.95	1	1	34.702079
Gravel Truck_str	BOBJ1	463.0439	Before	Interior Girder 2	238.0439	0.95	1	1	34.702078
Gravel Truck_str	BOBJ1	463.0439	Before	Right Exterior Girder	238.0439	0.95	1	1	44.455238
Gravel Truck_str	BOBJ1	463.0439	After	Left Exterior Girder	238.0439	0.95	1	1	24.237429
Gravel Truck_str	BOBJ1	463.0439	After	Interior Girder 1	238.0439	0.95	1	1	18.508596
Gravel Truck_str	BOBJ1	463.0439	After	Interior Girder 2	238.0439	0.95	1	1	18.508596
Gravel Truck_str	BOBJ1	463.0439	After	Right Exterior Girder	238.0439	0.95	1	1	24.237428
Gravel Truck_str	BOBJ1	465	Before	Left Exterior Girder	240	0.95	1	1	24.189679
Gravel Truck_str	BOBJ1	465	Before	Interior Girder 1	240	0.95	1	1	18.468004
Gravel Truck_str	BOBJ1	465	Before	Interior Girder 2	240	0.95	1	1	18.468003
Gravel Truck_str	BOBJ1	465	Before	Right Exterior Girder	240	0.95	1	1	24.189678
Gravel Truck_str	BOBJ1	465	After	Left Exterior Girder	240	0.95	1	1	24.720761
Gravel Truck_str	BOBJ1	465	After	Interior Girder 1	240	0.95	1	1	18.49034
Gravel Truck_str	BOBJ1	465	After	Interior Girder 2	240	0.95	1	1	18.490339
Gravel Truck_str	BOBJ1	465	After	Right Exterior Girder	240	0.95	1	1	24.72076
Gravel Truck_str	BOBJ1	476.4	Before	Left Exterior Girder	251.4	0.95	1	1	23.45787
Gravel Truck_str	BOBJ1	476.4	Before	Interior Girder 1	251.4	0.95	1	1	17.094546
Gravel Truck_str	BOBJ1	476.4	Before	Interior Girder 2	251.4	0.95	1	1	17.094545
Gravel Truck_str	BOBJ1	476.4	Before	Right Exterior Girder	251.4	0.95	1	1	23.45787
Gravel Truck_str	BOBJ1	476.4	After	Left Exterior Girder	251.4	0.95	1	1	22.855332
Gravel Truck_str	BOBJ1	476.4	After	Interior Girder 1	251.4	0.95	1	1	18.074763
Gravel Truck_str	BOBJ1	476.4	After	Interior Girder 2	251.4	0.95	1	1	18.074764
Gravel Truck_str	BOBJ1	476.4	After	Right Exterior Girder	251.4	0.95	1	1	22.855332

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Main Span Girders									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Gravel Truck_str	BOBJ1	487.85	Before	Left Exterior Girder	262.85	0.95	1	1	21.721008
Gravel Truck_str	BOBJ1	487.85	Before	Interior Girder 1	262.85	0.95	1	1	16.571364
Gravel Truck_str	BOBJ1	487.85	Before	Interior Girder 2	262.85	0.95	1	1	16.571365
Gravel Truck_str	BOBJ1	487.85	Before	Right Exterior Girder	262.85	0.95	1	1	21.721008
Gravel Truck_str	BOBJ1	487.85	After	Left Exterior Girder	262.85	0.95	1	1	21.347794
Gravel Truck_str	BOBJ1	487.85	After	Interior Girder 1	262.85	0.95	1	1	15.867747
Gravel Truck_str	BOBJ1	487.85	After	Interior Girder 2	262.85	0.95	1	1	15.867748
Gravel Truck_str	BOBJ1	487.85	After	Right Exterior Girder	262.85	0.95	1	1	21.347794
Gravel Truck_str	BOBJ1	496.3126	Before	Left Exterior Girder	271.3126	0.95	1	1	21.158489
Gravel Truck_str	BOBJ1	496.3126	Before	Interior Girder 1	271.3126	0.95	1	1	15.710082
Gravel Truck_str	BOBJ1	496.3126	Before	Interior Girder 2	271.3126	0.95	1	1	15.710084
Gravel Truck_str	BOBJ1	496.3126	Before	Right Exterior Girder	271.3126	0.95	1	1	21.158489
Gravel Truck_str	BOBJ1	496.3126	After	Left Exterior Girder	271.3126	0.95	1	1	32.047154
Gravel Truck_str	BOBJ1	496.3126	After	Interior Girder 1	271.3126	0.95	1	1	22.499955
Gravel Truck_str	BOBJ1	496.3126	After	Interior Girder 2	271.3126	0.95	1	1	22.499957
Gravel Truck_str	BOBJ1	496.3126	After	Right Exterior Girder	271.3126	0.95	1	1	32.047154
Gravel Truck_str	BOBJ1	499.3	Before	Left Exterior Girder	274.3	0.95	1	1	31.968122
Gravel Truck_str	BOBJ1	499.3	Before	Interior Girder 1	274.3	0.95	1	1	22.439083
Gravel Truck_str	BOBJ1	499.3	Before	Interior Girder 2	274.3	0.95	1	1	22.439084
Gravel Truck_str	BOBJ1	499.3	Before	Right Exterior Girder	274.3	0.95	1	1	31.968121
Gravel Truck_str	BOBJ1	499.3	After	Left Exterior Girder	274.3	0.95	1	1	31.66883
Gravel Truck_str	BOBJ1	499.3	After	Interior Girder 1	274.3	0.95	1	1	23.166767
Gravel Truck_str	BOBJ1	499.3	After	Interior Girder 2	274.3	0.95	1	1	23.166768
Gravel Truck_str	BOBJ1	499.3	After	Right Exterior Girder	274.3	0.95	1	1	31.668828
Gravel Truck_str	BOBJ1	503.8969	Before	Left Exterior Girder	278.8969	0.95	1	1	31.548127
Gravel Truck_str	BOBJ1	503.8969	Before	Interior Girder 1	278.8969	0.95	1	1	23.069758
Gravel Truck_str	BOBJ1	503.8969	Before	Interior Girder 2	278.8969	0.95	1	1	23.069759
Gravel Truck_str	BOBJ1	503.8969	Before	Right Exterior Girder	278.8969	0.95	1	1	31.548125
Gravel Truck_str	BOBJ1	503.8969	After	Left Exterior Girder	278.8969	0.95	1	1	50.286366
Gravel Truck_str	BOBJ1	503.8969	After	Interior Girder 1	278.8969	0.95	1	1	35.682334
Gravel Truck_str	BOBJ1	503.8969	After	Interior Girder 2	278.8969	0.95	1	1	35.682336
Gravel Truck_str	BOBJ1	503.8969	After	Right Exterior Girder	278.8969	0.95	1	1	50.286363
Gravel Truck_str	BOBJ1	510.7	Before	Left Exterior Girder	285.7	0.95	1	1	50.061832
Gravel Truck_str	BOBJ1	510.7	Before	Interior Girder 1	285.7	0.95	1	1	35.510534
Gravel Truck_str	BOBJ1	510.7	Before	Interior Girder 2	285.7	0.95	1	1	35.510536
Gravel Truck_str	BOBJ1	510.7	Before	Right Exterior Girder	285.7	0.95	1	1	50.061829
Gravel Truck_str	BOBJ1	510.7	After	Left Exterior Girder	285.7	0.95	1	1	46.480274
Gravel Truck_str	BOBJ1	510.7	After	Interior Girder 1	285.7	0.95	1	1	32.421053
Gravel Truck_str	BOBJ1	510.7	After	Interior Girder 2	285.7	0.95	1	1	32.421055
Gravel Truck_str	BOBJ1	510.7	After	Right Exterior Girder	285.7	0.95	1	1	46.480272
Gravel Truck_str	BOBJ1	511.4811	Before	Left Exterior Girder	286.4811	0.95	1	1	46.456237
Gravel Truck_str	BOBJ1	511.4811	Before	Interior Girder 1	286.4811	0.95	1	1	32.403088
Gravel Truck_str	BOBJ1	511.4811	Before	Interior Girder 2	286.4811	0.95	1	1	32.40309
Gravel Truck_str	BOBJ1	511.4811	Before	Right Exterior Girder	286.4811	0.95	1	1	46.456234
Gravel Truck_str	BOBJ1	511.4811	After	Left Exterior Girder	286.4811	0.95	1	1	65.28298
Gravel Truck_str	BOBJ1	511.4811	After	Interior Girder 1	286.4811	0.95	1	1	44.196026
Gravel Truck_str	BOBJ1	511.4811	After	Interior Girder 2	286.4811	0.95	1	1	44.196028
Gravel Truck_str	BOBJ1	511.4811	After	Right Exterior Girder	286.4811	0.95	1	1	65.282977
Gravel Truck_str	BOBJ1	522.1	Before	Left Exterior Girder	297.1	0.95	1	1	64.875055
Gravel Truck_str	BOBJ1	522.1	Before	Interior Girder 1	297.1	0.95	1	1	43.901495
Gravel Truck_str	BOBJ1	522.1	Before	Interior Girder 2	297.1	0.95	1	1	43.901496
Gravel Truck_str	BOBJ1	522.1	Before	Right Exterior Girder	297.1	0.95	1	1	64.875052
Gravel Truck_str	BOBJ1	522.1	After	Left Exterior Girder	297.1	0.95	1	1	62.401044
Gravel Truck_str	BOBJ1	522.1	After	Interior Girder 1	297.1	0.95	1	1	40.80385
Gravel Truck_str	BOBJ1	522.1	After	Interior Girder 2	297.1	0.95	1	1	40.80385
Gravel Truck_str	BOBJ1	522.1	After	Right Exterior Girder	297.1	0.95	1	1	62.401043
Gravel Truck_str	BOBJ1	530.4918	Before	Left Exterior Girder	305.4918	0.95	1	1	62.090259
Gravel Truck_str	BOBJ1	530.4918	Before	Interior Girder 1	305.4918	0.95	1	1	40.587078
Gravel Truck_str	BOBJ1	530.4918	Before	Interior Girder 2	305.4918	0.95	1	1	40.587078
Gravel Truck_str	BOBJ1	530.4918	Before	Right Exterior Girder	305.4918	0.95	1	1	62.090258
Gravel Truck_str	BOBJ1	530.4918	After	Left Exterior Girder	305.4918	0.95	1	1	75.73921
Gravel Truck_str	BOBJ1	530.4918	After	Interior Girder 1	305.4918	0.95	1	1	47.232238
Gravel Truck_str	BOBJ1	530.4918	After	Interior Girder 2	305.4918	0.95	1	1	47.232238
Gravel Truck_str	BOBJ1	530.4918	After	Right Exterior Girder	305.4918	0.95	1	1	75.739209
Gravel Truck_str	BOBJ1	533.55	Before	Left Exterior Girder	308.55	0.95	1	1	75.61155
Gravel Truck_str	BOBJ1	533.55	Before	Interior Girder 1	308.55	0.95	1	1	47.148036
Gravel Truck_str	BOBJ1	533.55	Before	Interior Girder 2	308.55	0.95	1	1	47.148035
Gravel Truck_str	BOBJ1	533.55	Before	Right Exterior Girder	308.55	0.95	1	1	75.611549

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Main Span Girders									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Gravel Truck_str	BOBJ1	533.55	After	Left Exterior Girder	308.55	0.95	1	1	75.719289
Gravel Truck_str	BOBJ1	533.55	After	Interior Girder 1	308.55	0.95	1	1	46.627753
Gravel Truck_str	BOBJ1	533.55	After	Interior Girder 2	308.55	0.95	1	1	46.627753
Gravel Truck_str	BOBJ1	533.55	After	Right Exterior Girder	308.55	0.95	1	1	75.719288
Gravel Truck_str	BOBJ1	545	Before	Left Exterior Girder	320	0.95	1	1	73.961624
Gravel Truck_str	BOBJ1	545	Before	Interior Girder 1	320	0.95	1	1	43.798483
Gravel Truck_str	BOBJ1	545	Before	Interior Girder 2	320	0.95	1	1	43.798483
Gravel Truck_str	BOBJ1	545	Before	Right Exterior Girder	320	0.95	1	1	73.961623
Gravel Truck_str	BOBJ1	545	After	Left Exterior Girder	0	0.95	1	1	78.3507
Gravel Truck_str	BOBJ1	545	After	Interior Girder 1	0	0.95	1	1	46.4678
Gravel Truck_str	BOBJ1	545	After	Interior Girder 2	0	0.95	1	1	46.4678
Gravel Truck_str	BOBJ1	545	After	Right Exterior Girder	0	0.95	1	1	78.3507
Gravel Truck_str	BOBJ1	556.25	Before	Left Exterior Girder	11.25	0.95	1	1	78.835636
Gravel Truck_str	BOBJ1	556.25	Before	Interior Girder 1	11.25	0.95	1	1	46.77233
Gravel Truck_str	BOBJ1	556.25	Before	Interior Girder 2	11.25	0.95	1	1	46.77233
Gravel Truck_str	BOBJ1	556.25	Before	Right Exterior Girder	11.25	0.95	1	1	78.835635
Gravel Truck_str	BOBJ1	556.25	After	Left Exterior Girder	11.25	0.95	1	1	78.750287
Gravel Truck_str	BOBJ1	556.25	After	Interior Girder 1	11.25	0.95	1	1	47.90204
Gravel Truck_str	BOBJ1	556.25	After	Interior Girder 2	11.25	0.95	1	1	47.90204
Gravel Truck_str	BOBJ1	556.25	After	Right Exterior Girder	11.25	0.95	1	1	78.750287
Gravel Truck_str	BOBJ1	559.4358	Before	Left Exterior Girder	14.4358	0.95	1	1	78.887354
Gravel Truck_str	BOBJ1	559.4358	Before	Interior Girder 1	14.4358	0.95	1	1	47.990273
Gravel Truck_str	BOBJ1	559.4358	Before	Interior Girder 2	14.4358	0.95	1	1	47.990273
Gravel Truck_str	BOBJ1	559.4358	Before	Right Exterior Girder	14.4358	0.95	1	1	78.887353
Gravel Truck_str	BOBJ1	559.4358	After	Left Exterior Girder	14.4358	0.95	1	1	64.976253
Gravel Truck_str	BOBJ1	559.4358	After	Interior Girder 1	14.4358	0.95	1	1	41.276703
Gravel Truck_str	BOBJ1	559.4358	After	Interior Girder 2	14.4358	0.95	1	1	41.276703
Gravel Truck_str	BOBJ1	559.4358	After	Right Exterior Girder	14.4358	0.95	1	1	64.976252
Gravel Truck_str	BOBJ1	567.5	Before	Left Exterior Girder	22.5	0.95	1	1	65.284728
Gravel Truck_str	BOBJ1	567.5	Before	Interior Girder 1	22.5	0.95	1	1	41.485894
Gravel Truck_str	BOBJ1	567.5	Before	Interior Girder 2	22.5	0.95	1	1	41.485894
Gravel Truck_str	BOBJ1	567.5	Before	Right Exterior Girder	22.5	0.95	1	1	65.284727
Gravel Truck_str	BOBJ1	567.5	After	Left Exterior Girder	22.5	0.95	1	1	64.777116
Gravel Truck_str	BOBJ1	567.5	After	Interior Girder 1	22.5	0.95	1	1	41.081683
Gravel Truck_str	BOBJ1	567.5	After	Interior Girder 2	22.5	0.95	1	1	41.081683
Gravel Truck_str	BOBJ1	567.5	After	Right Exterior Girder	22.5	0.95	1	1	64.777116
Gravel Truck_str	BOBJ1	570.0586	Before	Left Exterior Girder	25.0586	0.95	1	1	64.87413
Gravel Truck_str	BOBJ1	570.0586	Before	Interior Girder 1	25.0586	0.95	1	1	41.147289
Gravel Truck_str	BOBJ1	570.0586	Before	Interior Girder 2	25.0586	0.95	1	1	41.147289
Gravel Truck_str	BOBJ1	570.0586	Before	Right Exterior Girder	25.0586	0.95	1	1	64.87413
Gravel Truck_str	BOBJ1	570.0586	After	Left Exterior Girder	25.0586	0.95	1	1	50.824119
Gravel Truck_str	BOBJ1	570.0586	After	Interior Girder 1	25.0586	0.95	1	1	33.949421
Gravel Truck_str	BOBJ1	570.0586	After	Interior Girder 2	25.0586	0.95	1	1	33.949421
Gravel Truck_str	BOBJ1	570.0586	After	Right Exterior Girder	25.0586	0.95	1	1	50.824119
Gravel Truck_str	BOBJ1	578.75	Before	Left Exterior Girder	33.75	0.95	1	1	51.112964
Gravel Truck_str	BOBJ1	578.75	Before	Interior Girder 1	33.75	0.95	1	1	34.157696
Gravel Truck_str	BOBJ1	578.75	Before	Interior Girder 2	33.75	0.95	1	1	34.157696
Gravel Truck_str	BOBJ1	578.75	Before	Right Exterior Girder	33.75	0.95	1	1	51.112964
Gravel Truck_str	BOBJ1	578.75	After	Left Exterior Girder	33.75	0.95	1	1	52.497041
Gravel Truck_str	BOBJ1	578.75	After	Interior Girder 1	33.75	0.95	1	1	37.018331
Gravel Truck_str	BOBJ1	578.75	After	Interior Girder 2	33.75	0.95	1	1	37.018331
Gravel Truck_str	BOBJ1	578.75	After	Right Exterior Girder	33.75	0.95	1	1	52.497041
Gravel Truck_str	BOBJ1	586.8142	Before	Left Exterior Girder	41.8142	0.95	1	1	52.77178
Gravel Truck_str	BOBJ1	586.8142	Before	Interior Girder 1	41.8142	0.95	1	1	37.227407
Gravel Truck_str	BOBJ1	586.8142	Before	Interior Girder 2	41.8142	0.95	1	1	37.227407
Gravel Truck_str	BOBJ1	586.8142	Before	Right Exterior Girder	41.8142	0.95	1	1	52.771779
Gravel Truck_str	BOBJ1	586.8142	After	Left Exterior Girder	41.8142	0.95	1	1	33.01991
Gravel Truck_str	BOBJ1	586.8142	After	Interior Girder 1	41.8142	0.95	1	1	23.836688
Gravel Truck_str	BOBJ1	586.8142	After	Interior Girder 2	41.8142	0.95	1	1	23.836688
Gravel Truck_str	BOBJ1	586.8142	After	Right Exterior Girder	41.8142	0.95	1	1	33.01991
Gravel Truck_str	BOBJ1	590	Before	Left Exterior Girder	45	0.95	1	1	33.10523
Gravel Truck_str	BOBJ1	590	Before	Interior Girder 1	45	0.95	1	1	23.90435
Gravel Truck_str	BOBJ1	590	Before	Interior Girder 2	45	0.95	1	1	23.904351
Gravel Truck_str	BOBJ1	590	Before	Right Exterior Girder	45	0.95	1	1	33.10523
Gravel Truck_str	BOBJ1	590	After	Left Exterior Girder	45	0.95	1	1	35.369923
Gravel Truck_str	BOBJ1	590	After	Interior Girder 1	45	0.95	1	1	25.742144
Gravel Truck_str	BOBJ1	590	After	Interior Girder 2	45	0.95	1	1	25.742144
Gravel Truck_str	BOBJ1	590	After	Right Exterior Girder	45	0.95	1	1	35.369923

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Main Span Girders									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Gravel Truck_str	BOBJ1	601.25	Before	Left Exterior Girder	56.25	0.95	1	1	35.690349
Gravel Truck_str	BOBJ1	601.25	Before	Interior Girder 1	56.25	0.95	1	1	25.998799
Gravel Truck_str	BOBJ1	601.25	Before	Interior Girder 2	56.25	0.95	1	1	25.998799
Gravel Truck_str	BOBJ1	601.25	Before	Right Exterior Girder	56.25	0.95	1	1	35.690349
Gravel Truck_str	BOBJ1	601.25	After	Left Exterior Girder	56.25	0.95	1	1	33.820246
Gravel Truck_str	BOBJ1	601.25	After	Interior Girder 1	56.25	0.95	1	1	27.14275
Gravel Truck_str	BOBJ1	601.25	After	Interior Girder 2	56.25	0.95	1	1	27.14275
Gravel Truck_str	BOBJ1	601.25	After	Right Exterior Girder	56.25	0.95	1	1	33.820246
Gravel Truck_str	BOBJ1	601.7478	Before	Left Exterior Girder	56.7478	0.95	1	1	33.833739
Gravel Truck_str	BOBJ1	601.7478	Before	Interior Girder 1	56.7478	0.95	1	1	27.154511
Gravel Truck_str	BOBJ1	601.7478	Before	Interior Girder 2	56.7478	0.95	1	1	27.154511
Gravel Truck_str	BOBJ1	601.7478	Before	Right Exterior Girder	56.7478	0.95	1	1	33.833739
Gravel Truck_str	BOBJ1	601.7478	After	Left Exterior Girder	56.7478	0.95	1	1	24.274999
Gravel Truck_str	BOBJ1	601.7478	After	Interior Girder 1	56.7478	0.95	1	1	18.900222
Gravel Truck_str	BOBJ1	601.7478	After	Interior Girder 2	56.7478	0.95	1	1	18.900222
Gravel Truck_str	BOBJ1	601.7478	After	Right Exterior Girder	56.7478	0.95	1	1	24.274999
Gravel Truck_str	BOBJ1	612.5	Before	Left Exterior Girder	67.5	0.95	1	1	24.536073
Gravel Truck_str	BOBJ1	612.5	Before	Interior Girder 1	67.5	0.95	1	1	19.128522
Gravel Truck_str	BOBJ1	612.5	Before	Interior Girder 2	67.5	0.95	1	1	19.128522
Gravel Truck_str	BOBJ1	612.5	Before	Right Exterior Girder	67.5	0.95	1	1	24.536073
Gravel Truck_str	BOBJ1	612.5	After	Left Exterior Girder	67.5	0.95	1	1	26.472624
Gravel Truck_str	BOBJ1	612.5	After	Interior Girder 1	67.5	0.95	1	1	19.612306
Gravel Truck_str	BOBJ1	612.5	After	Interior Girder 2	67.5	0.95	1	1	19.612305
Gravel Truck_str	BOBJ1	612.5	After	Right Exterior Girder	67.5	0.95	1	1	26.472625
Gravel Truck_str	BOBJ1	623.75	Before	Left Exterior Girder	78.75	0.95	1	1	26.765057
Gravel Truck_str	BOBJ1	623.75	Before	Interior Girder 1	78.75	0.95	1	1	19.855635
Gravel Truck_str	BOBJ1	623.75	Before	Interior Girder 2	78.75	0.95	1	1	19.855634
Gravel Truck_str	BOBJ1	623.75	Before	Right Exterior Girder	78.75	0.95	1	1	26.765057
Gravel Truck_str	BOBJ1	623.75	After	Left Exterior Girder	78.75	0.95	1	1	28.824935
Gravel Truck_str	BOBJ1	623.75	After	Interior Girder 1	78.75	0.95	1	1	22.337838
Gravel Truck_str	BOBJ1	623.75	After	Interior Girder 2	78.75	0.95	1	1	22.337837
Gravel Truck_str	BOBJ1	623.75	After	Right Exterior Girder	78.75	0.95	1	1	28.824935
Gravel Truck_str	BOBJ1	635	Before	Left Exterior Girder	90	0.95	1	1	29.138013
Gravel Truck_str	BOBJ1	635	Before	Interior Girder 1	90	0.95	1	1	22.610284
Gravel Truck_str	BOBJ1	635	Before	Interior Girder 2	90	0.95	1	1	22.610283
Gravel Truck_str	BOBJ1	635	Before	Right Exterior Girder	90	0.95	1	1	29.138013
Gravel Truck_str	BOBJ1	635	After	Left Exterior Girder	90	0.95	1	1	31.553367
Gravel Truck_str	BOBJ1	635	After	Interior Girder 1	90	0.95	1	1	21.720629
Gravel Truck_str	BOBJ1	635	After	Interior Girder 2	90	0.95	1	1	21.720628
Gravel Truck_str	BOBJ1	635	After	Right Exterior Girder	90	0.95	1	1	31.553368
Gravel Truck_str	BOBJ1	643.5619	Before	Left Exterior Girder	98.5619	0.95	1	1	31.809563
Gravel Truck_str	BOBJ1	643.5619	Before	Interior Girder 1	98.5619	0.95	1	1	21.918729
Gravel Truck_str	BOBJ1	643.5619	Before	Interior Girder 2	98.5619	0.95	1	1	21.918728
Gravel Truck_str	BOBJ1	643.5619	Before	Right Exterior Girder	98.5619	0.95	1	1	31.809565
Gravel Truck_str	BOBJ1	643.5619	After	Left Exterior Girder	98.5619	0.95	1	1	53.036781
Gravel Truck_str	BOBJ1	643.5619	After	Interior Girder 1	98.5619	0.95	1	1	36.617062
Gravel Truck_str	BOBJ1	643.5619	After	Interior Girder 2	98.5619	0.95	1	1	36.61706
Gravel Truck_str	BOBJ1	643.5619	After	Right Exterior Girder	98.5619	0.95	1	1	53.036783
Gravel Truck_str	BOBJ1	646.25	Before	Left Exterior Girder	101.25	0.95	1	1	53.137862
Gravel Truck_str	BOBJ1	646.25	Before	Interior Girder 1	101.25	0.95	1	1	36.693687
Gravel Truck_str	BOBJ1	646.25	Before	Interior Girder 2	101.25	0.95	1	1	36.693685
Gravel Truck_str	BOBJ1	646.25	Before	Right Exterior Girder	101.25	0.95	1	1	53.137864
Gravel Truck_str	BOBJ1	646.25	After	Left Exterior Girder	101.25	0.95	1	1	58.850767
Gravel Truck_str	BOBJ1	646.25	After	Interior Girder 1	101.25	0.95	1	1	42.220609
Gravel Truck_str	BOBJ1	646.25	After	Interior Girder 2	101.25	0.95	1	1	42.220607
Gravel Truck_str	BOBJ1	646.25	After	Right Exterior Girder	101.25	0.95	1	1	58.850769
Gravel Truck_str	BOBJ1	657.5	Before	Left Exterior Girder	112.5	0.95	1	1	59.317999
Gravel Truck_str	BOBJ1	657.5	Before	Interior Girder 1	112.5	0.95	1	1	42.589218
Gravel Truck_str	BOBJ1	657.5	Before	Interior Girder 2	112.5	0.95	1	1	42.589216
Gravel Truck_str	BOBJ1	657.5	Before	Right Exterior Girder	112.5	0.95	1	1	59.318001
Gravel Truck_str	BOBJ1	657.5	After	Left Exterior Girder	112.5	0.95	1	1	67.303727
Gravel Truck_str	BOBJ1	657.5	After	Interior Girder 1	112.5	0.95	1	1	41.884508
Gravel Truck_str	BOBJ1	657.5	After	Interior Girder 2	112.5	0.95	1	1	41.884514
Gravel Truck_str	BOBJ1	657.5	After	Right Exterior Girder	112.5	0.95	1	1	67.303722
Gravel Truck_str	BOBJ1	668.75	Before	Left Exterior Girder	123.75	0.95	1	1	67.831344
Gravel Truck_str	BOBJ1	668.75	Before	Interior Girder 1	123.75	0.95	1	1	42.245745
Gravel Truck_str	BOBJ1	668.75	Before	Interior Girder 2	123.75	0.95	1	1	42.245751
Gravel Truck_str	BOBJ1	668.75	Before	Right Exterior Girder	123.75	0.95	1	1	67.831339

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Main Span Girders									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Gravel Truck_str	BOBJ1	668.75	After	Left Exterior Girder	123.75	0.95	1	1	76.721822
Gravel Truck_str	BOBJ1	668.75	After	Interior Girder 1	123.75	0.95	1	1	48.219615
Gravel Truck_str	BOBJ1	668.75	After	Interior Girder 2	123.75	0.95	1	1	48.219622
Gravel Truck_str	BOBJ1	668.75	After	Right Exterior Girder	123.75	0.95	1	1	76.721812
Gravel Truck_str	BOBJ1	680	Before	Left Exterior Girder	135	0.95	1	1	77.316557
Gravel Truck_str	BOBJ1	680	Before	Interior Girder 1	135	0.95	1	1	48.630818
Gravel Truck_str	BOBJ1	680	Before	Interior Girder 2	135	0.95	1	1	48.630825
Gravel Truck_str	BOBJ1	680	Before	Right Exterior Girder	135	0.95	1	1	77.316547
Gravel Truck_str	BOBJ1	680	After	Left Exterior Girder	135	0.95	1	1	87.826286
Gravel Truck_str	BOBJ1	680	After	Interior Girder 1	135	0.95	1	1	47.661435
Gravel Truck_str	BOBJ1	680	After	Interior Girder 2	135	0.95	1	1	47.661432
Gravel Truck_str	BOBJ1	680	After	Right Exterior Girder	135	0.95	1	1	87.826292
Gravel Truck_str	BOBJ1	691.25	Before	Left Exterior Girder	146.25	0.95	1	1	87.174545
Gravel Truck_str	BOBJ1	691.25	Before	Interior Girder 1	146.25	0.95	1	1	48.063079
Gravel Truck_str	BOBJ1	691.25	Before	Interior Girder 2	146.25	0.95	1	1	48.063077
Gravel Truck_str	BOBJ1	691.25	Before	Right Exterior Girder	146.25	0.95	1	1	87.174551
Gravel Truck_str	BOBJ1	691.25	After	Left Exterior Girder	146.25	0.95	1	1	76.367044
Gravel Truck_str	BOBJ1	691.25	After	Interior Girder 1	146.25	0.95	1	1	46.59864
Gravel Truck_str	BOBJ1	691.25	After	Interior Girder 2	146.25	0.95	1	1	46.598643
Gravel Truck_str	BOBJ1	691.25	After	Right Exterior Girder	146.25	0.95	1	1	76.367043
Gravel Truck_str	BOBJ1	702.5	Before	Left Exterior Girder	157.5	0.95	1	1	75.794214
Gravel Truck_str	BOBJ1	702.5	Before	Interior Girder 1	157.5	0.95	1	1	46.214014
Gravel Truck_str	BOBJ1	702.5	Before	Interior Girder 2	157.5	0.95	1	1	46.214017
Gravel Truck_str	BOBJ1	702.5	Before	Right Exterior Girder	157.5	0.95	1	1	75.794213
Gravel Truck_str	BOBJ1	702.5	After	Left Exterior Girder	157.5	0.95	1	1	65.657394
Gravel Truck_str	BOBJ1	702.5	After	Interior Girder 1	157.5	0.95	1	1	47.019982
Gravel Truck_str	BOBJ1	702.5	After	Interior Girder 2	157.5	0.95	1	1	47.019984
Gravel Truck_str	BOBJ1	702.5	After	Right Exterior Girder	157.5	0.95	1	1	65.657388
Gravel Truck_str	BOBJ1	713.75	Before	Left Exterior Girder	168.75	0.95	1	1	65.158861
Gravel Truck_str	BOBJ1	713.75	Before	Interior Girder 1	168.75	0.95	1	1	46.627345
Gravel Truck_str	BOBJ1	713.75	Before	Interior Girder 2	168.75	0.95	1	1	46.627346
Gravel Truck_str	BOBJ1	713.75	Before	Right Exterior Girder	168.75	0.95	1	1	65.158855
Gravel Truck_str	BOBJ1	713.75	After	Left Exterior Girder	168.75	0.95	1	1	58.477201
Gravel Truck_str	BOBJ1	713.75	After	Interior Girder 1	168.75	0.95	1	1	40.782317
Gravel Truck_str	BOBJ1	713.75	After	Interior Girder 2	168.75	0.95	1	1	40.782317
Gravel Truck_str	BOBJ1	713.75	After	Right Exterior Girder	168.75	0.95	1	1	58.4772
Gravel Truck_str	BOBJ1	725	Before	Left Exterior Girder	180	0.95	1	1	58.028273
Gravel Truck_str	BOBJ1	725	Before	Interior Girder 1	180	0.95	1	1	40.437982
Gravel Truck_str	BOBJ1	725	Before	Interior Girder 2	180	0.95	1	1	40.437982
Gravel Truck_str	BOBJ1	725	Before	Right Exterior Girder	180	0.95	1	1	58.028272
Gravel Truck_str	BOBJ1	725	After	Left Exterior Girder	180	0.95	1	1	51.337464
Gravel Truck_str	BOBJ1	725	After	Interior Girder 1	180	0.95	1	1	39.689829
Gravel Truck_str	BOBJ1	725	After	Interior Girder 2	180	0.95	1	1	39.689827
Gravel Truck_str	BOBJ1	725	After	Right Exterior Girder	180	0.95	1	1	51.33747
Gravel Truck_str	BOBJ1	731.1726	Before	Left Exterior Girder	186.1726	0.95	1	1	51.118672
Gravel Truck_str	BOBJ1	731.1726	Before	Interior Girder 1	186.1726	0.95	1	1	39.503917
Gravel Truck_str	BOBJ1	731.1726	Before	Interior Girder 2	186.1726	0.95	1	1	39.503915
Gravel Truck_str	BOBJ1	731.1726	Before	Right Exterior Girder	186.1726	0.95	1	1	51.118678
Gravel Truck_str	BOBJ1	731.1726	After	Left Exterior Girder	186.1726	0.95	1	1	29.764159
Gravel Truck_str	BOBJ1	731.1726	After	Interior Girder 1	186.1726	0.95	1	1	22.453234
Gravel Truck_str	BOBJ1	731.1726	After	Interior Girder 2	186.1726	0.95	1	1	22.453233
Gravel Truck_str	BOBJ1	731.1726	After	Right Exterior Girder	186.1726	0.95	1	1	29.764162
Gravel Truck_str	BOBJ1	736.25	Before	Left Exterior Girder	191.25	0.95	1	1	29.626932
Gravel Truck_str	BOBJ1	736.25	Before	Interior Girder 1	191.25	0.95	1	1	22.337063
Gravel Truck_str	BOBJ1	736.25	Before	Interior Girder 2	191.25	0.95	1	1	22.337062
Gravel Truck_str	BOBJ1	736.25	Before	Right Exterior Girder	191.25	0.95	1	1	29.626935
Gravel Truck_str	BOBJ1	736.25	After	Left Exterior Girder	191.25	0.95	1	1	28.701438
Gravel Truck_str	BOBJ1	736.25	After	Interior Girder 1	191.25	0.95	1	1	21.076411
Gravel Truck_str	BOBJ1	736.25	After	Interior Girder 2	191.25	0.95	1	1	21.076411
Gravel Truck_str	BOBJ1	736.25	After	Right Exterior Girder	191.25	0.95	1	1	28.701439
Gravel Truck_str	BOBJ1	747.5	Before	Left Exterior Girder	202.5	0.95	1	1	28.405806
Gravel Truck_str	BOBJ1	747.5	Before	Interior Girder 1	202.5	0.95	1	1	20.832674
Gravel Truck_str	BOBJ1	747.5	Before	Interior Girder 2	202.5	0.95	1	1	20.832673
Gravel Truck_str	BOBJ1	747.5	Before	Right Exterior Girder	202.5	0.95	1	1	28.405807
Gravel Truck_str	BOBJ1	747.5	After	Left Exterior Girder	202.5	0.95	1	1	25.636098
Gravel Truck_str	BOBJ1	747.5	After	Interior Girder 1	202.5	0.95	1	1	19.14823
Gravel Truck_str	BOBJ1	747.5	After	Interior Girder 2	202.5	0.95	1	1	19.148229
Gravel Truck_str	BOBJ1	747.5	After	Right Exterior Girder	202.5	0.95	1	1	25.636097

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Main Span Girders									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Gravel Truck_str	BOBJ1	758.75	Before	Left Exterior Girder	213.75	0.95	1	1	25.367106
Gravel Truck_str	BOBJ1	758.75	Before	Interior Girder 1	213.75	0.95	1	1	18.922955
Gravel Truck_str	BOBJ1	758.75	Before	Interior Girder 2	213.75	0.95	1	1	18.922954
Gravel Truck_str	BOBJ1	758.75	Before	Right Exterior Girder	213.75	0.95	1	1	25.367105
Gravel Truck_str	BOBJ1	758.75	After	Left Exterior Girder	213.75	0.95	1	1	23.484639
Gravel Truck_str	BOBJ1	758.75	After	Interior Girder 1	213.75	0.95	1	1	15.626885
Gravel Truck_str	BOBJ1	758.75	After	Interior Girder 2	213.75	0.95	1	1	15.626883
Gravel Truck_str	BOBJ1	758.75	After	Right Exterior Girder	213.75	0.95	1	1	23.48464
Gravel Truck_str	BOBJ1	770	Before	Left Exterior Girder	225	0.95	1	1	23.234172
Gravel Truck_str	BOBJ1	770	Before	Interior Girder 1	225	0.95	1	1	15.439976
Gravel Truck_str	BOBJ1	770	Before	Interior Girder 2	225	0.95	1	1	15.439974
Gravel Truck_str	BOBJ1	770	Before	Right Exterior Girder	225	0.95	1	1	23.234173
Annual Permit 1_str	BOBJ1	0	After	Left Exterior Girder	0	0.95	1	1	12.301867
Annual Permit 1_str	BOBJ1	0	After	Interior Girder 1	0	0.95	1	1	11.799933
Annual Permit 1_str	BOBJ1	0	After	Interior Girder 2	0	0.95	1	1	11.799934
Annual Permit 1_str	BOBJ1	0	After	Right Exterior Girder	0	0.95	1	1	12.301866
Annual Permit 1_str	BOBJ1	11.25	Before	Left Exterior Girder	11.25	0.95	1	1	12.434483
Annual Permit 1_str	BOBJ1	11.25	Before	Interior Girder 1	11.25	0.95	1	1	11.942777
Annual Permit 1_str	BOBJ1	11.25	Before	Interior Girder 2	11.25	0.95	1	1	11.942778
Annual Permit 1_str	BOBJ1	11.25	Before	Right Exterior Girder	11.25	0.95	1	1	12.434482
Annual Permit 1_str	BOBJ1	11.25	After	Left Exterior Girder	11.25	0.95	1	1	13.460634
Annual Permit 1_str	BOBJ1	11.25	After	Interior Girder 1	11.25	0.95	1	1	14.484749
Annual Permit 1_str	BOBJ1	11.25	After	Interior Girder 2	11.25	0.95	1	1	14.48475
Annual Permit 1_str	BOBJ1	11.25	After	Right Exterior Girder	11.25	0.95	1	1	13.460633
Annual Permit 1_str	BOBJ1	22.5	Before	Left Exterior Girder	22.5	0.95	1	1	13.60337
Annual Permit 1_str	BOBJ1	22.5	Before	Interior Girder 1	22.5	0.95	1	1	14.657188
Annual Permit 1_str	BOBJ1	22.5	Before	Interior Girder 2	22.5	0.95	1	1	14.657189
Annual Permit 1_str	BOBJ1	22.5	Before	Right Exterior Girder	22.5	0.95	1	1	13.603369
Annual Permit 1_str	BOBJ1	22.5	After	Left Exterior Girder	22.5	0.95	1	1	15.301338
Annual Permit 1_str	BOBJ1	22.5	After	Interior Girder 1	22.5	0.95	1	1	15.954614
Annual Permit 1_str	BOBJ1	22.5	After	Interior Girder 2	22.5	0.95	1	1	15.954614
Annual Permit 1_str	BOBJ1	22.5	After	Right Exterior Girder	22.5	0.95	1	1	15.301338
Annual Permit 1_str	BOBJ1	33.75	Before	Left Exterior Girder	33.75	0.95	1	1	15.460587
Annual Permit 1_str	BOBJ1	33.75	Before	Interior Girder 1	33.75	0.95	1	1	16.14128
Annual Permit 1_str	BOBJ1	33.75	Before	Interior Girder 2	33.75	0.95	1	1	16.14128
Annual Permit 1_str	BOBJ1	33.75	Before	Right Exterior Girder	33.75	0.95	1	1	15.460587
Annual Permit 1_str	BOBJ1	33.75	After	Left Exterior Girder	33.75	0.95	1	1	16.106937
Annual Permit 1_str	BOBJ1	33.75	After	Interior Girder 1	33.75	0.95	1	1	17.06175
Annual Permit 1_str	BOBJ1	33.75	After	Interior Girder 2	33.75	0.95	1	1	17.061749
Annual Permit 1_str	BOBJ1	33.75	After	Right Exterior Girder	33.75	0.95	1	1	16.106938
Annual Permit 1_str	BOBJ1	38.8274	Before	Left Exterior Girder	38.8274	0.95	1	1	16.181542
Annual Permit 1_str	BOBJ1	38.8274	Before	Interior Girder 1	38.8274	0.95	1	1	17.150484
Annual Permit 1_str	BOBJ1	38.8274	Before	Interior Girder 2	38.8274	0.95	1	1	17.150484
Annual Permit 1_str	BOBJ1	38.8274	Before	Right Exterior Girder	38.8274	0.95	1	1	16.181543
Annual Permit 1_str	BOBJ1	38.8274	After	Left Exterior Girder	38.8274	0.95	1	1	28.075114
Annual Permit 1_str	BOBJ1	38.8274	After	Interior Girder 1	38.8274	0.95	1	1	30.420194
Annual Permit 1_str	BOBJ1	38.8274	After	Interior Girder 2	38.8274	0.95	1	1	30.420193
Annual Permit 1_str	BOBJ1	38.8274	After	Right Exterior Girder	38.8274	0.95	1	1	28.075115
Annual Permit 1_str	BOBJ1	45	Before	Left Exterior Girder	45	0.95	1	1	28.195278
Annual Permit 1_str	BOBJ1	45	Before	Interior Girder 1	45	0.95	1	1	30.563356
Annual Permit 1_str	BOBJ1	45	Before	Interior Girder 2	45	0.95	1	1	30.563356
Annual Permit 1_str	BOBJ1	45	Before	Right Exterior Girder	45	0.95	1	1	28.195279
Annual Permit 1_str	BOBJ1	45	After	Left Exterior Girder	45	0.95	1	1	32.355428
Annual Permit 1_str	BOBJ1	45	After	Interior Girder 1	45	0.95	1	1	31.376826
Annual Permit 1_str	BOBJ1	45	After	Interior Girder 2	45	0.95	1	1	31.376824
Annual Permit 1_str	BOBJ1	45	After	Right Exterior Girder	45	0.95	1	1	32.355429
Annual Permit 1_str	BOBJ1	56.25	Before	Left Exterior Girder	56.25	0.95	1	1	32.605741
Annual Permit 1_str	BOBJ1	56.25	Before	Interior Girder 1	56.25	0.95	1	1	31.644004
Annual Permit 1_str	BOBJ1	56.25	Before	Interior Girder 2	56.25	0.95	1	1	31.644002
Annual Permit 1_str	BOBJ1	56.25	Before	Right Exterior Girder	56.25	0.95	1	1	32.605742
Annual Permit 1_str	BOBJ1	56.25	After	Left Exterior Girder	56.25	0.95	1	1	37.128575
Annual Permit 1_str	BOBJ1	56.25	After	Interior Girder 1	56.25	0.95	1	1	36.867349
Annual Permit 1_str	BOBJ1	56.25	After	Interior Girder 2	56.25	0.95	1	1	36.867345
Annual Permit 1_str	BOBJ1	56.25	After	Right Exterior Girder	56.25	0.95	1	1	37.128576
Annual Permit 1_str	BOBJ1	67.5	Before	Left Exterior Girder	67.5	0.95	1	1	37.412647
Annual Permit 1_str	BOBJ1	67.5	Before	Interior Girder 1	67.5	0.95	1	1	37.1778
Annual Permit 1_str	BOBJ1	67.5	Before	Interior Girder 2	67.5	0.95	1	1	37.177796
Annual Permit 1_str	BOBJ1	67.5	Before	Right Exterior Girder	67.5	0.95	1	1	37.412648

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Main Span Girders									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Annual Permit 1_str	BOBJ1	67.5	After	Left Exterior Girder	67.5	0.95	1	1	44.022498
Annual Permit 1_str	BOBJ1	67.5	After	Interior Girder 1	67.5	0.95	1	1	36.738673
Annual Permit 1_str	BOBJ1	67.5	After	Interior Girder 2	67.5	0.95	1	1	36.738677
Annual Permit 1_str	BOBJ1	67.5	After	Right Exterior Girder	67.5	0.95	1	1	44.022489
Annual Permit 1_str	BOBJ1	78.75	Before	Left Exterior Girder	78.75	0.95	1	1	44.355207
Annual Permit 1_str	BOBJ1	78.75	Before	Interior Girder 1	78.75	0.95	1	1	37.044438
Annual Permit 1_str	BOBJ1	78.75	Before	Interior Girder 2	78.75	0.95	1	1	37.044442
Annual Permit 1_str	BOBJ1	78.75	Before	Right Exterior Girder	78.75	0.95	1	1	44.355197
Annual Permit 1_str	BOBJ1	78.75	After	Left Exterior Girder	78.75	0.95	1	1	51.993905
Annual Permit 1_str	BOBJ1	78.75	After	Interior Girder 1	78.75	0.95	1	1	40.886085
Annual Permit 1_str	BOBJ1	78.75	After	Interior Girder 2	78.75	0.95	1	1	40.886081
Annual Permit 1_str	BOBJ1	78.75	After	Right Exterior Girder	78.75	0.95	1	1	51.993892
Annual Permit 1_str	BOBJ1	90	Before	Left Exterior Girder	90	0.95	1	1	52.382626
Annual Permit 1_str	BOBJ1	90	Before	Interior Girder 1	90	0.95	1	1	40.544416
Annual Permit 1_str	BOBJ1	90	Before	Interior Girder 2	90	0.95	1	1	40.544412
Annual Permit 1_str	BOBJ1	90	Before	Right Exterior Girder	90	0.95	1	1	52.382613
Annual Permit 1_str	BOBJ1	90	After	Left Exterior Girder	90	0.95	1	1	48.535188
Annual Permit 1_str	BOBJ1	90	After	Interior Girder 1	90	0.95	1	1	40.075837
Annual Permit 1_str	BOBJ1	90	After	Interior Girder 2	90	0.95	1	1	40.075828
Annual Permit 1_str	BOBJ1	90	After	Right Exterior Girder	90	0.95	1	1	48.535192
Annual Permit 1_str	BOBJ1	101.25	Before	Left Exterior Girder	101.25	0.95	1	1	48.161845
Annual Permit 1_str	BOBJ1	101.25	Before	Interior Girder 1	101.25	0.95	1	1	39.736971
Annual Permit 1_str	BOBJ1	101.25	Before	Interior Girder 2	101.25	0.95	1	1	39.736963
Annual Permit 1_str	BOBJ1	101.25	Before	Right Exterior Girder	101.25	0.95	1	1	48.16185
Annual Permit 1_str	BOBJ1	101.25	After	Left Exterior Girder	101.25	0.95	1	1	40.192043
Annual Permit 1_str	BOBJ1	101.25	After	Interior Girder 1	101.25	0.95	1	1	33.620678
Annual Permit 1_str	BOBJ1	101.25	After	Interior Girder 2	101.25	0.95	1	1	33.620672
Annual Permit 1_str	BOBJ1	101.25	After	Right Exterior Girder	101.25	0.95	1	1	40.192046
Annual Permit 1_str	BOBJ1	112.5	Before	Left Exterior Girder	112.5	0.95	1	1	39.879415
Annual Permit 1_str	BOBJ1	112.5	Before	Interior Girder 1	112.5	0.95	1	1	33.333192
Annual Permit 1_str	BOBJ1	112.5	Before	Interior Girder 2	112.5	0.95	1	1	33.333187
Annual Permit 1_str	BOBJ1	112.5	Before	Right Exterior Girder	112.5	0.95	1	1	39.879417
Annual Permit 1_str	BOBJ1	112.5	After	Left Exterior Girder	112.5	0.95	1	1	33.765815
Annual Permit 1_str	BOBJ1	112.5	After	Interior Girder 1	112.5	0.95	1	1	33.394285
Annual Permit 1_str	BOBJ1	112.5	After	Interior Girder 2	112.5	0.95	1	1	33.394286
Annual Permit 1_str	BOBJ1	112.5	After	Right Exterior Girder	112.5	0.95	1	1	33.765814
Annual Permit 1_str	BOBJ1	123.75	Before	Left Exterior Girder	123.75	0.95	1	1	33.499851
Annual Permit 1_str	BOBJ1	123.75	Before	Interior Girder 1	123.75	0.95	1	1	33.105259
Annual Permit 1_str	BOBJ1	123.75	Before	Interior Girder 2	123.75	0.95	1	1	33.10526
Annual Permit 1_str	BOBJ1	123.75	Before	Right Exterior Girder	123.75	0.95	1	1	33.49985
Annual Permit 1_str	BOBJ1	123.75	After	Left Exterior Girder	123.75	0.95	1	1	29.259395
Annual Permit 1_str	BOBJ1	123.75	After	Interior Girder 1	123.75	0.95	1	1	27.709273
Annual Permit 1_str	BOBJ1	123.75	After	Interior Girder 2	123.75	0.95	1	1	27.709274
Annual Permit 1_str	BOBJ1	123.75	After	Right Exterior Girder	123.75	0.95	1	1	29.259394
Annual Permit 1_str	BOBJ1	126.4381	Before	Left Exterior Girder	126.4381	0.95	1	1	29.203736
Annual Permit 1_str	BOBJ1	126.4381	Before	Interior Girder 1	126.4381	0.95	1	1	27.651409
Annual Permit 1_str	BOBJ1	126.4381	Before	Interior Girder 2	126.4381	0.95	1	1	27.651411
Annual Permit 1_str	BOBJ1	126.4381	Before	Right Exterior Girder	126.4381	0.95	1	1	29.203735
Annual Permit 1_str	BOBJ1	126.4381	After	Left Exterior Girder	126.4381	0.95	1	1	17.374503
Annual Permit 1_str	BOBJ1	126.4381	After	Interior Girder 1	126.4381	0.95	1	1	16.652465
Annual Permit 1_str	BOBJ1	126.4381	After	Interior Girder 2	126.4381	0.95	1	1	16.652466
Annual Permit 1_str	BOBJ1	126.4381	After	Right Exterior Girder	126.4381	0.95	1	1	17.374502
Annual Permit 1_str	BOBJ1	135	Before	Left Exterior Girder	135	0.95	1	1	17.234568
Annual Permit 1_str	BOBJ1	135	Before	Interior Girder 1	135	0.95	1	1	16.501961
Annual Permit 1_str	BOBJ1	135	Before	Interior Girder 2	135	0.95	1	1	16.501962
Annual Permit 1_str	BOBJ1	135	Before	Right Exterior Girder	135	0.95	1	1	17.234567
Annual Permit 1_str	BOBJ1	135	After	Left Exterior Girder	135	0.95	1	1	15.625662
Annual Permit 1_str	BOBJ1	135	After	Interior Girder 1	135	0.95	1	1	17.078206
Annual Permit 1_str	BOBJ1	135	After	Interior Girder 2	135	0.95	1	1	17.078208
Annual Permit 1_str	BOBJ1	135	After	Right Exterior Girder	135	0.95	1	1	15.625661
Annual Permit 1_str	BOBJ1	146.25	Before	Left Exterior Girder	146.25	0.95	1	1	15.457769
Annual Permit 1_str	BOBJ1	146.25	Before	Interior Girder 1	146.25	0.95	1	1	16.87242
Annual Permit 1_str	BOBJ1	146.25	Before	Interior Girder 2	146.25	0.95	1	1	16.872421
Annual Permit 1_str	BOBJ1	146.25	Before	Right Exterior Girder	146.25	0.95	1	1	15.457769
Annual Permit 1_str	BOBJ1	146.25	After	Left Exterior Girder	146.25	0.95	1	1	14.064595
Annual Permit 1_str	BOBJ1	146.25	After	Interior Girder 1	146.25	0.95	1	1	14.694845
Annual Permit 1_str	BOBJ1	146.25	After	Interior Girder 2	146.25	0.95	1	1	14.694846
Annual Permit 1_str	BOBJ1	146.25	After	Right Exterior Girder	146.25	0.95	1	1	14.064594

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Main Span Girders									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Annual Permit 1_str	BOBJ1	157.5	Before	Left Exterior Girder	157.5	0.95	1	1	13.910927
Annual Permit 1_str	BOBJ1	157.5	Before	Interior Girder 1	157.5	0.95	1	1	14.514762
Annual Permit 1_str	BOBJ1	157.5	Before	Interior Girder 2	157.5	0.95	1	1	14.514763
Annual Permit 1_str	BOBJ1	157.5	Before	Right Exterior Girder	157.5	0.95	1	1	13.910926
Annual Permit 1_str	BOBJ1	157.5	After	Left Exterior Girder	157.5	0.95	1	1	12.658751
Annual Permit 1_str	BOBJ1	157.5	After	Interior Girder 1	157.5	0.95	1	1	13.963973
Annual Permit 1_str	BOBJ1	157.5	After	Interior Girder 2	157.5	0.95	1	1	13.963973
Annual Permit 1_str	BOBJ1	157.5	After	Right Exterior Girder	157.5	0.95	1	1	12.658751
Annual Permit 1_str	BOBJ1	168.2522	Before	Left Exterior Girder	168.2522	0.95	1	1	12.524057
Annual Permit 1_str	BOBJ1	168.2522	Before	Interior Girder 1	168.2522	0.95	1	1	13.797312
Annual Permit 1_str	BOBJ1	168.2522	Before	Interior Girder 2	168.2522	0.95	1	1	13.797312
Annual Permit 1_str	BOBJ1	168.2522	Before	Right Exterior Girder	168.2522	0.95	1	1	12.524056
Annual Permit 1_str	BOBJ1	168.2522	After	Left Exterior Girder	168.2522	0.95	1	1	16.92579
Annual Permit 1_str	BOBJ1	168.2522	After	Interior Girder 1	168.2522	0.95	1	1	18.091063
Annual Permit 1_str	BOBJ1	168.2522	After	Interior Girder 2	168.2522	0.95	1	1	18.091062
Annual Permit 1_str	BOBJ1	168.2522	After	Right Exterior Girder	168.2522	0.95	1	1	16.925789
Annual Permit 1_str	BOBJ1	168.75	Before	Left Exterior Girder	168.75	0.95	1	1	16.919039
Annual Permit 1_str	BOBJ1	168.75	Before	Interior Girder 1	168.75	0.95	1	1	18.083227
Annual Permit 1_str	BOBJ1	168.75	Before	Interior Girder 2	168.75	0.95	1	1	18.083227
Annual Permit 1_str	BOBJ1	168.75	Before	Right Exterior Girder	168.75	0.95	1	1	16.919039
Annual Permit 1_str	BOBJ1	168.75	After	Left Exterior Girder	168.75	0.95	1	1	18.301034
Annual Permit 1_str	BOBJ1	168.75	After	Interior Girder 1	168.75	0.95	1	1	18.857882
Annual Permit 1_str	BOBJ1	168.75	After	Interior Girder 2	168.75	0.95	1	1	18.857881
Annual Permit 1_str	BOBJ1	168.75	After	Right Exterior Girder	168.75	0.95	1	1	18.301033
Annual Permit 1_str	BOBJ1	180	Before	Left Exterior Girder	180	0.95	1	1	18.136728
Annual Permit 1_str	BOBJ1	180	Before	Interior Girder 1	180	0.95	1	1	18.67172
Annual Permit 1_str	BOBJ1	180	Before	Interior Girder 2	180	0.95	1	1	18.671719
Annual Permit 1_str	BOBJ1	180	Before	Right Exterior Girder	180	0.95	1	1	18.136728
Annual Permit 1_str	BOBJ1	180	After	Left Exterior Girder	180	0.95	1	1	16.774116
Annual Permit 1_str	BOBJ1	180	After	Interior Girder 1	180	0.95	1	1	16.888708
Annual Permit 1_str	BOBJ1	180	After	Interior Girder 2	180	0.95	1	1	16.888707
Annual Permit 1_str	BOBJ1	180	After	Right Exterior Girder	180	0.95	1	1	16.774117
Annual Permit 1_str	BOBJ1	183.1858	Before	Left Exterior Girder	183.1858	0.95	1	1	16.730885
Annual Permit 1_str	BOBJ1	183.1858	Before	Interior Girder 1	183.1858	0.95	1	1	16.840904
Annual Permit 1_str	BOBJ1	183.1858	Before	Interior Girder 2	183.1858	0.95	1	1	16.840903
Annual Permit 1_str	BOBJ1	183.1858	Before	Right Exterior Girder	183.1858	0.95	1	1	16.730886
Annual Permit 1_str	BOBJ1	183.1858	After	Left Exterior Girder	183.1858	0.95	1	1	26.615329
Annual Permit 1_str	BOBJ1	183.1858	After	Interior Girder 1	183.1858	0.95	1	1	26.311453
Annual Permit 1_str	BOBJ1	183.1858	After	Interior Girder 2	183.1858	0.95	1	1	26.311452
Annual Permit 1_str	BOBJ1	183.1858	After	Right Exterior Girder	183.1858	0.95	1	1	26.61533
Annual Permit 1_str	BOBJ1	191.25	Before	Left Exterior Girder	191.25	0.95	1	1	26.476765
Annual Permit 1_str	BOBJ1	191.25	Before	Interior Girder 1	191.25	0.95	1	1	26.163683
Annual Permit 1_str	BOBJ1	191.25	Before	Interior Girder 2	191.25	0.95	1	1	26.163682
Annual Permit 1_str	BOBJ1	191.25	Before	Right Exterior Girder	191.25	0.95	1	1	26.476766
Annual Permit 1_str	BOBJ1	191.25	After	Left Exterior Girder	191.25	0.95	1	1	25.595858
Annual Permit 1_str	BOBJ1	191.25	After	Interior Girder 1	191.25	0.95	1	1	23.910321
Annual Permit 1_str	BOBJ1	191.25	After	Interior Girder 2	191.25	0.95	1	1	23.91032
Annual Permit 1_str	BOBJ1	191.25	After	Right Exterior Girder	191.25	0.95	1	1	25.595859
Annual Permit 1_str	BOBJ1	199.9414	Before	Left Exterior Girder	199.9414	0.95	1	1	25.451213
Annual Permit 1_str	BOBJ1	199.9414	Before	Interior Girder 1	199.9414	0.95	1	1	23.764529
Annual Permit 1_str	BOBJ1	199.9414	Before	Interior Girder 2	199.9414	0.95	1	1	23.764528
Annual Permit 1_str	BOBJ1	199.9414	Before	Right Exterior Girder	199.9414	0.95	1	1	25.451214
Annual Permit 1_str	BOBJ1	199.9414	After	Left Exterior Girder	199.9414	0.95	1	1	32.313973
Annual Permit 1_str	BOBJ1	199.9414	After	Interior Girder 1	199.9414	0.95	1	1	28.255132
Annual Permit 1_str	BOBJ1	199.9414	After	Interior Girder 2	199.9414	0.95	1	1	28.255131
Annual Permit 1_str	BOBJ1	199.9414	After	Right Exterior Girder	199.9414	0.95	1	1	32.313974
Annual Permit 1_str	BOBJ1	202.5	Before	Left Exterior Girder	202.5	0.95	1	1	32.26565
Annual Permit 1_str	BOBJ1	202.5	Before	Interior Girder 1	202.5	0.95	1	1	28.210082
Annual Permit 1_str	BOBJ1	202.5	Before	Interior Girder 2	202.5	0.95	1	1	28.210081
Annual Permit 1_str	BOBJ1	202.5	Before	Right Exterior Girder	202.5	0.95	1	1	32.265651
Annual Permit 1_str	BOBJ1	202.5	After	Left Exterior Girder	202.5	0.95	1	1	32.364917
Annual Permit 1_str	BOBJ1	202.5	After	Interior Girder 1	202.5	0.95	1	1	28.449762
Annual Permit 1_str	BOBJ1	202.5	After	Interior Girder 2	202.5	0.95	1	1	28.449761
Annual Permit 1_str	BOBJ1	202.5	After	Right Exterior Girder	202.5	0.95	1	1	32.364918
Annual Permit 1_str	BOBJ1	210.5642	Before	Left Exterior Girder	210.5642	0.95	1	1	32.211991
Annual Permit 1_str	BOBJ1	210.5642	Before	Interior Girder 1	210.5642	0.95	1	1	28.306305
Annual Permit 1_str	BOBJ1	210.5642	Before	Interior Girder 2	210.5642	0.95	1	1	28.306304
Annual Permit 1_str	BOBJ1	210.5642	Before	Right Exterior Girder	210.5642	0.95	1	1	32.211992

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Main Span Girders									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Annual Permit 1_str	BOBJ1	210.5642	After	Left Exterior Girder	210.5642	0.95	1	1	38.950956
Annual Permit 1_str	BOBJ1	210.5642	After	Interior Girder 1	210.5642	0.95	1	1	32.262208
Annual Permit 1_str	BOBJ1	210.5642	After	Interior Girder 2	210.5642	0.95	1	1	32.262208
Annual Permit 1_str	BOBJ1	210.5642	After	Right Exterior Girder	210.5642	0.95	1	1	38.950958
Annual Permit 1_str	BOBJ1	213.75	Before	Left Exterior Girder	213.75	0.95	1	1	38.883279
Annual Permit 1_str	BOBJ1	213.75	Before	Interior Girder 1	213.75	0.95	1	1	32.202892
Annual Permit 1_str	BOBJ1	213.75	Before	Interior Girder 2	213.75	0.95	1	1	32.202892
Annual Permit 1_str	BOBJ1	213.75	Before	Right Exterior Girder	213.75	0.95	1	1	38.88328
Annual Permit 1_str	BOBJ1	213.75	After	Left Exterior Girder	213.75	0.95	1	1	38.733214
Annual Permit 1_str	BOBJ1	213.75	After	Interior Girder 1	213.75	0.95	1	1	31.346221
Annual Permit 1_str	BOBJ1	213.75	After	Interior Girder 2	213.75	0.95	1	1	31.346221
Annual Permit 1_str	BOBJ1	213.75	After	Right Exterior Girder	213.75	0.95	1	1	38.733215
Annual Permit 1_str	BOBJ1	225	Before	Left Exterior Girder	225	0.95	1	1	38.494957
Annual Permit 1_str	BOBJ1	225	Before	Interior Girder 1	225	0.95	1	1	31.142129
Annual Permit 1_str	BOBJ1	225	Before	Interior Girder 2	225	0.95	1	1	31.142129
Annual Permit 1_str	BOBJ1	225	Before	Right Exterior Girder	225	0.95	1	1	38.494958
Annual Permit 1_str	BOBJ1	225	After	Left Exterior Girder	0	0.95	1	1	35.70404
Annual Permit 1_str	BOBJ1	225	After	Interior Girder 1	0	0.95	1	1	28.743438
Annual Permit 1_str	BOBJ1	225	After	Interior Girder 2	0	0.95	1	1	28.743438
Annual Permit 1_str	BOBJ1	225	After	Right Exterior Girder	0	0.95	1	1	35.70404
Annual Permit 1_str	BOBJ1	236.45	Before	Left Exterior Girder	11.45	0.95	1	1	36.627565
Annual Permit 1_str	BOBJ1	236.45	Before	Interior Girder 1	11.45	0.95	1	1	30.876534
Annual Permit 1_str	BOBJ1	236.45	Before	Interior Girder 2	11.45	0.95	1	1	30.876535
Annual Permit 1_str	BOBJ1	236.45	Before	Right Exterior Girder	11.45	0.95	1	1	36.627564
Annual Permit 1_str	BOBJ1	236.45	After	Left Exterior Girder	11.45	0.95	1	1	36.689329
Annual Permit 1_str	BOBJ1	236.45	After	Interior Girder 1	11.45	0.95	1	1	31.389742
Annual Permit 1_str	BOBJ1	236.45	After	Interior Girder 2	11.45	0.95	1	1	31.389742
Annual Permit 1_str	BOBJ1	236.45	After	Right Exterior Girder	11.45	0.95	1	1	36.689328
Annual Permit 1_str	BOBJ1	239.5082	Before	Left Exterior Girder	14.5082	0.95	1	1	36.751274
Annual Permit 1_str	BOBJ1	239.5082	Before	Interior Girder 1	14.5082	0.95	1	1	31.445801
Annual Permit 1_str	BOBJ1	239.5082	Before	Interior Girder 2	14.5082	0.95	1	1	31.445801
Annual Permit 1_str	BOBJ1	239.5082	Before	Right Exterior Girder	14.5082	0.95	1	1	36.751273
Annual Permit 1_str	BOBJ1	239.5082	After	Left Exterior Girder	14.5082	0.95	1	1	30.246349
Annual Permit 1_str	BOBJ1	239.5082	After	Interior Girder 1	14.5082	0.95	1	1	27.472726
Annual Permit 1_str	BOBJ1	239.5082	After	Interior Girder 2	14.5082	0.95	1	1	27.472726
Annual Permit 1_str	BOBJ1	239.5082	After	Right Exterior Girder	14.5082	0.95	1	1	30.246348
Annual Permit 1_str	BOBJ1	247.9	Before	Left Exterior Girder	22.9	0.95	1	1	30.397743
Annual Permit 1_str	BOBJ1	247.9	Before	Interior Girder 1	22.9	0.95	1	1	27.619455
Annual Permit 1_str	BOBJ1	247.9	Before	Interior Girder 2	22.9	0.95	1	1	27.619455
Annual Permit 1_str	BOBJ1	247.9	Before	Right Exterior Girder	22.9	0.95	1	1	30.397742
Annual Permit 1_str	BOBJ1	247.9	After	Left Exterior Girder	22.9	0.95	1	1	31.80739
Annual Permit 1_str	BOBJ1	247.9	After	Interior Girder 1	22.9	0.95	1	1	30.054682
Annual Permit 1_str	BOBJ1	247.9	After	Interior Girder 2	22.9	0.95	1	1	30.054682
Annual Permit 1_str	BOBJ1	247.9	After	Right Exterior Girder	22.9	0.95	1	1	31.807389
Annual Permit 1_str	BOBJ1	258.5189	Before	Left Exterior Girder	33.5189	0.95	1	1	32.00739
Annual Permit 1_str	BOBJ1	258.5189	Before	Interior Girder 1	33.5189	0.95	1	1	30.256317
Annual Permit 1_str	BOBJ1	258.5189	Before	Interior Girder 2	33.5189	0.95	1	1	30.256317
Annual Permit 1_str	BOBJ1	258.5189	Before	Right Exterior Girder	33.5189	0.95	1	1	32.007389
Annual Permit 1_str	BOBJ1	258.5189	After	Left Exterior Girder	33.5189	0.95	1	1	23.648648
Annual Permit 1_str	BOBJ1	258.5189	After	Interior Girder 1	33.5189	0.95	1	1	24.120395
Annual Permit 1_str	BOBJ1	258.5189	After	Interior Girder 2	33.5189	0.95	1	1	24.120395
Annual Permit 1_str	BOBJ1	258.5189	After	Right Exterior Girder	33.5189	0.95	1	1	23.648647
Annual Permit 1_str	BOBJ1	259.3	Before	Left Exterior Girder	34.3	0.95	1	1	23.660884
Annual Permit 1_str	BOBJ1	259.3	Before	Interior Girder 1	34.3	0.95	1	1	24.133768
Annual Permit 1_str	BOBJ1	259.3	Before	Interior Girder 2	34.3	0.95	1	1	24.133768
Annual Permit 1_str	BOBJ1	259.3	Before	Right Exterior Girder	34.3	0.95	1	1	23.660884
Annual Permit 1_str	BOBJ1	259.3	After	Left Exterior Girder	34.3	0.95	1	1	24.747979
Annual Permit 1_str	BOBJ1	259.3	After	Interior Girder 1	34.3	0.95	1	1	24.5828
Annual Permit 1_str	BOBJ1	259.3	After	Interior Girder 2	34.3	0.95	1	1	24.5828
Annual Permit 1_str	BOBJ1	259.3	After	Right Exterior Girder	34.3	0.95	1	1	24.747978
Annual Permit 1_str	BOBJ1	266.1031	Before	Left Exterior Girder	41.1031	0.95	1	1	24.858977
Annual Permit 1_str	BOBJ1	266.1031	Before	Interior Girder 1	41.1031	0.95	1	1	24.701732
Annual Permit 1_str	BOBJ1	266.1031	Before	Interior Girder 2	41.1031	0.95	1	1	24.701732
Annual Permit 1_str	BOBJ1	266.1031	Before	Right Exterior Girder	41.1031	0.95	1	1	24.858976
Annual Permit 1_str	BOBJ1	266.1031	After	Left Exterior Girder	41.1031	0.95	1	1	15.641283
Annual Permit 1_str	BOBJ1	266.1031	After	Interior Girder 1	41.1031	0.95	1	1	15.991571
Annual Permit 1_str	BOBJ1	266.1031	After	Interior Girder 2	41.1031	0.95	1	1	15.991571
Annual Permit 1_str	BOBJ1	266.1031	After	Right Exterior Girder	41.1031	0.95	1	1	15.641282

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Main Span Girders									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Annual Permit 1_str	BOBJ1	270.7	Before	Left Exterior Girder	45.7	0.95	1	1	15.701126
Annual Permit 1_str	BOBJ1	270.7	Before	Interior Girder 1	45.7	0.95	1	1	16.058816
Annual Permit 1_str	BOBJ1	270.7	Before	Interior Girder 2	45.7	0.95	1	1	16.058816
Annual Permit 1_str	BOBJ1	270.7	Before	Right Exterior Girder	45.7	0.95	1	1	15.701126
Annual Permit 1_str	BOBJ1	270.7	After	Left Exterior Girder	45.7	0.95	1	1	15.936237
Annual Permit 1_str	BOBJ1	270.7	After	Interior Girder 1	45.7	0.95	1	1	15.589167
Annual Permit 1_str	BOBJ1	270.7	After	Interior Girder 2	45.7	0.95	1	1	15.589167
Annual Permit 1_str	BOBJ1	270.7	After	Right Exterior Girder	45.7	0.95	1	1	15.936236
Annual Permit 1_str	BOBJ1	273.6874	Before	Left Exterior Girder	48.6874	0.95	1	1	15.975635
Annual Permit 1_str	BOBJ1	273.6874	Before	Interior Girder 1	48.6874	0.95	1	1	15.631457
Annual Permit 1_str	BOBJ1	273.6874	Before	Interior Girder 2	48.6874	0.95	1	1	15.631458
Annual Permit 1_str	BOBJ1	273.6874	Before	Right Exterior Girder	48.6874	0.95	1	1	15.975634
Annual Permit 1_str	BOBJ1	273.6874	After	Left Exterior Girder	48.6874	0.95	1	1	10.550738
Annual Permit 1_str	BOBJ1	273.6874	After	Interior Girder 1	48.6874	0.95	1	1	10.960233
Annual Permit 1_str	BOBJ1	273.6874	After	Interior Girder 2	48.6874	0.95	1	1	10.960233
Annual Permit 1_str	BOBJ1	273.6874	After	Right Exterior Girder	48.6874	0.95	1	1	10.550738
Annual Permit 1_str	BOBJ1	282.15	Before	Left Exterior Girder	57.15	0.95	1	1	10.645135
Annual Permit 1_str	BOBJ1	282.15	Before	Interior Girder 1	57.15	0.95	1	1	11.070229
Annual Permit 1_str	BOBJ1	282.15	Before	Interior Girder 2	57.15	0.95	1	1	11.070229
Annual Permit 1_str	BOBJ1	282.15	Before	Right Exterior Girder	57.15	0.95	1	1	10.645135
Annual Permit 1_str	BOBJ1	282.15	After	Left Exterior Girder	57.15	0.95	1	1	10.905024
Annual Permit 1_str	BOBJ1	282.15	After	Interior Girder 1	57.15	0.95	1	1	11.622664
Annual Permit 1_str	BOBJ1	282.15	After	Interior Girder 2	57.15	0.95	1	1	11.622664
Annual Permit 1_str	BOBJ1	282.15	After	Right Exterior Girder	57.15	0.95	1	1	10.905024
Annual Permit 1_str	BOBJ1	293.6	Before	Left Exterior Girder	68.6	0.95	1	1	11.414918
Annual Permit 1_str	BOBJ1	293.6	Before	Interior Girder 1	68.6	0.95	1	1	12.637954
Annual Permit 1_str	BOBJ1	293.6	Before	Interior Girder 2	68.6	0.95	1	1	12.637954
Annual Permit 1_str	BOBJ1	293.6	Before	Right Exterior Girder	68.6	0.95	1	1	11.414918
Annual Permit 1_str	BOBJ1	293.6	After	Left Exterior Girder	68.6	0.95	1	1	11.8841
Annual Permit 1_str	BOBJ1	293.6	After	Interior Girder 1	68.6	0.95	1	1	12.116633
Annual Permit 1_str	BOBJ1	293.6	After	Interior Girder 2	68.6	0.95	1	1	12.116633
Annual Permit 1_str	BOBJ1	293.6	After	Right Exterior Girder	68.6	0.95	1	1	11.884101
Annual Permit 1_str	BOBJ1	305	Before	Left Exterior Girder	80	0.95	1	1	12.507459
Annual Permit 1_str	BOBJ1	305	Before	Interior Girder 1	80	0.95	1	1	13.1003
Annual Permit 1_str	BOBJ1	305	Before	Interior Girder 2	80	0.95	1	1	13.1003
Annual Permit 1_str	BOBJ1	305	Before	Right Exterior Girder	80	0.95	1	1	12.50746
Annual Permit 1_str	BOBJ1	305	After	Left Exterior Girder	80	0.95	1	1	12.278917
Annual Permit 1_str	BOBJ1	305	After	Interior Girder 1	80	0.95	1	1	13.044627
Annual Permit 1_str	BOBJ1	305	After	Interior Girder 2	80	0.95	1	1	13.044626
Annual Permit 1_str	BOBJ1	305	After	Right Exterior Girder	80	0.95	1	1	12.278918
Annual Permit 1_str	BOBJ1	306.9561	Before	Left Exterior Girder	81.9561	0.95	1	1	12.303155
Annual Permit 1_str	BOBJ1	306.9561	Before	Interior Girder 1	81.9561	0.95	1	1	13.073298
Annual Permit 1_str	BOBJ1	306.9561	Before	Interior Girder 2	81.9561	0.95	1	1	13.073298
Annual Permit 1_str	BOBJ1	306.9561	Before	Right Exterior Girder	81.9561	0.95	1	1	12.303156
Annual Permit 1_str	BOBJ1	306.9561	After	Left Exterior Girder	81.9561	0.95	1	1	22.552041
Annual Permit 1_str	BOBJ1	306.9561	After	Interior Girder 1	81.9561	0.95	1	1	24.89786
Annual Permit 1_str	BOBJ1	306.9561	After	Interior Girder 2	81.9561	0.95	1	1	24.89786
Annual Permit 1_str	BOBJ1	306.9561	After	Right Exterior Girder	81.9561	0.95	1	1	22.552043
Annual Permit 1_str	BOBJ1	316.4	Before	Left Exterior Girder	91.4	0.95	1	1	22.714241
Annual Permit 1_str	BOBJ1	316.4	Before	Interior Girder 1	91.4	0.95	1	1	25.094117
Annual Permit 1_str	BOBJ1	316.4	Before	Interior Girder 2	91.4	0.95	1	1	25.094117
Annual Permit 1_str	BOBJ1	316.4	Before	Right Exterior Girder	91.4	0.95	1	1	22.714242
Annual Permit 1_str	BOBJ1	316.4	After	Left Exterior Girder	91.4	0.95	1	1	23.808408
Annual Permit 1_str	BOBJ1	316.4	After	Interior Girder 1	91.4	0.95	1	1	23.256061
Annual Permit 1_str	BOBJ1	316.4	After	Interior Girder 2	91.4	0.95	1	1	23.256061
Annual Permit 1_str	BOBJ1	316.4	After	Right Exterior Girder	91.4	0.95	1	1	23.808409
Annual Permit 1_str	BOBJ1	327.85	Before	Left Exterior Girder	102.9679	0.95	1	1	25.069053
Annual Permit 1_str	BOBJ1	327.85	Before	Interior Girder 1	102.9679	0.95	1	1	25.19326
Annual Permit 1_str	BOBJ1	327.85	Before	Interior Girder 2	102.9679	0.95	1	1	25.193261
Annual Permit 1_str	BOBJ1	327.85	Before	Right Exterior Girder	102.9679	0.95	1	1	25.069054
Annual Permit 1_str	BOBJ1	327.85	After	Left Exterior Girder	102.9679	0.95	1	1	39.69601
Annual Permit 1_str	BOBJ1	327.85	After	Interior Girder 1	102.9679	0.95	1	1	40.182519
Annual Permit 1_str	BOBJ1	327.85	After	Interior Girder 2	102.9679	0.95	1	1	40.18252
Annual Permit 1_str	BOBJ1	327.85	After	Right Exterior Girder	102.9679	0.95	1	1	39.696011
Annual Permit 1_str	BOBJ1	339.3	Before	Left Exterior Girder	114.3	0.95	1	1	41.847061
Annual Permit 1_str	BOBJ1	339.3	Before	Interior Girder 1	114.3	0.95	1	1	43.445109
Annual Permit 1_str	BOBJ1	339.3	Before	Interior Girder 2	114.3	0.95	1	1	43.44511
Annual Permit 1_str	BOBJ1	339.3	Before	Right Exterior Girder	114.3	0.95	1	1	41.847062

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Main Span Girders									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Annual Permit 1_str	BOBJ1	339.3	After	Left Exterior Girder	114.3	0.95	1	1	44.077745
Annual Permit 1_str	BOBJ1	339.3	After	Interior Girder 1	114.3	0.95	1	1	39.912158
Annual Permit 1_str	BOBJ1	339.3	After	Interior Girder 2	114.3	0.95	1	1	39.912157
Annual Permit 1_str	BOBJ1	339.3	After	Right Exterior Girder	114.3	0.95	1	1	44.077744
Annual Permit 1_str	BOBJ1	350.7	Before	Left Exterior Girder	125.7	0.95	1	1	46.63802
Annual Permit 1_str	BOBJ1	350.7	Before	Interior Girder 1	125.7	0.95	1	1	43.265349
Annual Permit 1_str	BOBJ1	350.7	Before	Interior Girder 2	125.7	0.95	1	1	43.265348
Annual Permit 1_str	BOBJ1	350.7	Before	Right Exterior Girder	125.7	0.95	1	1	46.63802
Annual Permit 1_str	BOBJ1	350.7	After	Left Exterior Girder	125.7	0.95	1	1	48.628902
Annual Permit 1_str	BOBJ1	350.7	After	Interior Girder 1	125.7	0.95	1	1	45.176207
Annual Permit 1_str	BOBJ1	350.7	After	Interior Girder 2	125.7	0.95	1	1	45.176206
Annual Permit 1_str	BOBJ1	350.7	After	Right Exterior Girder	125.7	0.95	1	1	48.628901
Annual Permit 1_str	BOBJ1	362.1	Before	Left Exterior Girder	137.1	0.95	1	1	51.746651
Annual Permit 1_str	BOBJ1	362.1	Before	Interior Girder 1	137.1	0.95	1	1	49.106014
Annual Permit 1_str	BOBJ1	362.1	Before	Interior Girder 2	137.1	0.95	1	1	49.106015
Annual Permit 1_str	BOBJ1	362.1	Before	Right Exterior Girder	137.1	0.95	1	1	51.746651
Annual Permit 1_str	BOBJ1	362.1	After	Left Exterior Girder	137.1	0.95	1	1	55.090774
Annual Permit 1_str	BOBJ1	362.1	After	Interior Girder 1	137.1	0.95	1	1	44.581187
Annual Permit 1_str	BOBJ1	362.1	After	Interior Girder 2	137.1	0.95	1	1	44.581189
Annual Permit 1_str	BOBJ1	362.1	After	Right Exterior Girder	137.1	0.95	1	1	55.09077
Annual Permit 1_str	BOBJ1	373.55	Before	Left Exterior Girder	148.55	0.95	1	1	58.953465
Annual Permit 1_str	BOBJ1	373.55	Before	Interior Girder 1	148.55	0.95	1	1	48.631255
Annual Permit 1_str	BOBJ1	373.55	Before	Interior Girder 2	148.55	0.95	1	1	48.631255
Annual Permit 1_str	BOBJ1	373.55	Before	Right Exterior Girder	148.55	0.95	1	1	58.95346
Annual Permit 1_str	BOBJ1	373.55	After	Left Exterior Girder	148.55	0.95	1	1	62.054534
Annual Permit 1_str	BOBJ1	373.55	After	Interior Girder 1	148.55	0.95	1	1	51.021989
Annual Permit 1_str	BOBJ1	373.55	After	Interior Girder 2	148.55	0.95	1	1	51.02199
Annual Permit 1_str	BOBJ1	373.55	After	Right Exterior Girder	148.55	0.95	1	1	62.054529
Annual Permit 1_str	BOBJ1	385	Before	Left Exterior Girder	160	0.95	1	1	66.90103
Annual Permit 1_str	BOBJ1	385	Before	Interior Girder 1	160	0.95	1	1	50.358461
Annual Permit 1_str	BOBJ1	385	Before	Interior Girder 2	160	0.95	1	1	50.358458
Annual Permit 1_str	BOBJ1	385	Before	Right Exterior Girder	160	0.95	1	1	66.901024
Annual Permit 1_str	BOBJ1	385	After	Left Exterior Girder	160	0.95	1	1	66.901025
Annual Permit 1_str	BOBJ1	385	After	Interior Girder 1	160	0.95	1	1	50.358453
Annual Permit 1_str	BOBJ1	385	After	Interior Girder 2	160	0.95	1	1	50.358456
Annual Permit 1_str	BOBJ1	385	After	Right Exterior Girder	160	0.95	1	1	66.901031
Annual Permit 1_str	BOBJ1	396.45	Before	Left Exterior Girder	171.45	0.95	1	1	62.054529
Annual Permit 1_str	BOBJ1	396.45	Before	Interior Girder 1	171.45	0.95	1	1	51.021994
Annual Permit 1_str	BOBJ1	396.45	Before	Interior Girder 2	171.45	0.95	1	1	51.021992
Annual Permit 1_str	BOBJ1	396.45	Before	Right Exterior Girder	171.45	0.95	1	1	62.054534
Annual Permit 1_str	BOBJ1	396.45	After	Left Exterior Girder	171.45	0.95	1	1	58.953459
Annual Permit 1_str	BOBJ1	396.45	After	Interior Girder 1	171.45	0.95	1	1	48.631259
Annual Permit 1_str	BOBJ1	396.45	After	Interior Girder 2	171.45	0.95	1	1	48.631258
Annual Permit 1_str	BOBJ1	396.45	After	Right Exterior Girder	171.45	0.95	1	1	58.953464
Annual Permit 1_str	BOBJ1	407.9	Before	Left Exterior Girder	182.9	0.95	1	1	55.090768
Annual Permit 1_str	BOBJ1	407.9	Before	Interior Girder 1	182.9	0.95	1	1	44.581194
Annual Permit 1_str	BOBJ1	407.9	Before	Interior Girder 2	182.9	0.95	1	1	44.581191
Annual Permit 1_str	BOBJ1	407.9	Before	Right Exterior Girder	182.9	0.95	1	1	55.090773
Annual Permit 1_str	BOBJ1	407.9	After	Left Exterior Girder	182.9	0.95	1	1	51.746648
Annual Permit 1_str	BOBJ1	407.9	After	Interior Girder 1	182.9	0.95	1	1	49.10602
Annual Permit 1_str	BOBJ1	407.9	After	Interior Girder 2	182.9	0.95	1	1	49.106016
Annual Permit 1_str	BOBJ1	407.9	After	Right Exterior Girder	182.9	0.95	1	1	51.746649
Annual Permit 1_str	BOBJ1	419.3	Before	Left Exterior Girder	194.3	0.95	1	1	48.628898
Annual Permit 1_str	BOBJ1	419.3	Before	Interior Girder 1	194.3	0.95	1	1	45.17621
Annual Permit 1_str	BOBJ1	419.3	Before	Interior Girder 2	194.3	0.95	1	1	45.176208
Annual Permit 1_str	BOBJ1	419.3	Before	Right Exterior Girder	194.3	0.95	1	1	48.6289
Annual Permit 1_str	BOBJ1	419.3	After	Left Exterior Girder	194.3	0.95	1	1	46.638017
Annual Permit 1_str	BOBJ1	419.3	After	Interior Girder 1	194.3	0.95	1	1	43.265352
Annual Permit 1_str	BOBJ1	419.3	After	Interior Girder 2	194.3	0.95	1	1	43.26535
Annual Permit 1_str	BOBJ1	419.3	After	Right Exterior Girder	194.3	0.95	1	1	46.638019
Annual Permit 1_str	BOBJ1	430.7	Before	Left Exterior Girder	205.7	0.95	1	1	44.077742
Annual Permit 1_str	BOBJ1	430.7	Before	Interior Girder 1	205.7	0.95	1	1	39.912162
Annual Permit 1_str	BOBJ1	430.7	Before	Interior Girder 2	205.7	0.95	1	1	39.912159
Annual Permit 1_str	BOBJ1	430.7	Before	Right Exterior Girder	205.7	0.95	1	1	44.077744
Annual Permit 1_str	BOBJ1	430.7	After	Left Exterior Girder	205.7	0.95	1	1	41.847061
Annual Permit 1_str	BOBJ1	430.7	After	Interior Girder 1	205.7	0.95	1	1	43.445112
Annual Permit 1_str	BOBJ1	430.7	After	Interior Girder 2	205.7	0.95	1	1	43.44511
Annual Permit 1_str	BOBJ1	430.7	After	Right Exterior Girder	205.7	0.95	1	1	41.847065

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Main Span Girders									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Annual Permit 1_str	BOBJ1	442.15	Before	Left Exterior Girder	217.0321	0.95	1	1	39.69601
Annual Permit 1_str	BOBJ1	442.15	Before	Interior Girder 1	217.0321	0.95	1	1	40.182521
Annual Permit 1_str	BOBJ1	442.15	Before	Interior Girder 2	217.0321	0.95	1	1	40.182519
Annual Permit 1_str	BOBJ1	442.15	Before	Right Exterior Girder	217.0321	0.95	1	1	39.696013
Annual Permit 1_str	BOBJ1	442.15	After	Left Exterior Girder	217.0321	0.95	1	1	25.069053
Annual Permit 1_str	BOBJ1	442.15	After	Interior Girder 1	217.0321	0.95	1	1	25.193261
Annual Permit 1_str	BOBJ1	442.15	After	Interior Girder 2	217.0321	0.95	1	1	25.19326
Annual Permit 1_str	BOBJ1	442.15	After	Right Exterior Girder	217.0321	0.95	1	1	25.069055
Annual Permit 1_str	BOBJ1	453.6	Before	Left Exterior Girder	228.6	0.95	1	1	23.808408
Annual Permit 1_str	BOBJ1	453.6	Before	Interior Girder 1	228.6	0.95	1	1	23.256062
Annual Permit 1_str	BOBJ1	453.6	Before	Interior Girder 2	228.6	0.95	1	1	23.256061
Annual Permit 1_str	BOBJ1	453.6	Before	Right Exterior Girder	228.6	0.95	1	1	23.80841
Annual Permit 1_str	BOBJ1	453.6	After	Left Exterior Girder	228.6	0.95	1	1	22.714241
Annual Permit 1_str	BOBJ1	453.6	After	Interior Girder 1	228.6	0.95	1	1	25.094119
Annual Permit 1_str	BOBJ1	453.6	After	Interior Girder 2	228.6	0.95	1	1	25.094117
Annual Permit 1_str	BOBJ1	453.6	After	Right Exterior Girder	228.6	0.95	1	1	22.714241
Annual Permit 1_str	BOBJ1	463.0439	Before	Left Exterior Girder	238.0439	0.95	1	1	22.552042
Annual Permit 1_str	BOBJ1	463.0439	Before	Interior Girder 1	238.0439	0.95	1	1	24.897862
Annual Permit 1_str	BOBJ1	463.0439	Before	Interior Girder 2	238.0439	0.95	1	1	24.89786
Annual Permit 1_str	BOBJ1	463.0439	Before	Right Exterior Girder	238.0439	0.95	1	1	22.552042
Annual Permit 1_str	BOBJ1	463.0439	After	Left Exterior Girder	238.0439	0.95	1	1	12.303156
Annual Permit 1_str	BOBJ1	463.0439	After	Interior Girder 1	238.0439	0.95	1	1	13.073299
Annual Permit 1_str	BOBJ1	463.0439	After	Interior Girder 2	238.0439	0.95	1	1	13.073298
Annual Permit 1_str	BOBJ1	463.0439	After	Right Exterior Girder	238.0439	0.95	1	1	12.303155
Annual Permit 1_str	BOBJ1	465	Before	Left Exterior Girder	240	0.95	1	1	12.278917
Annual Permit 1_str	BOBJ1	465	Before	Interior Girder 1	240	0.95	1	1	13.044627
Annual Permit 1_str	BOBJ1	465	Before	Interior Girder 2	240	0.95	1	1	13.044626
Annual Permit 1_str	BOBJ1	465	Before	Right Exterior Girder	240	0.95	1	1	12.278917
Annual Permit 1_str	BOBJ1	465	After	Left Exterior Girder	240	0.95	1	1	12.50746
Annual Permit 1_str	BOBJ1	465	After	Interior Girder 1	240	0.95	1	1	13.1003
Annual Permit 1_str	BOBJ1	465	After	Interior Girder 2	240	0.95	1	1	13.1003
Annual Permit 1_str	BOBJ1	465	After	Right Exterior Girder	240	0.95	1	1	12.50746
Annual Permit 1_str	BOBJ1	476.4	Before	Left Exterior Girder	251.4	0.95	1	1	11.8841
Annual Permit 1_str	BOBJ1	476.4	Before	Interior Girder 1	251.4	0.95	1	1	12.116633
Annual Permit 1_str	BOBJ1	476.4	Before	Interior Girder 2	251.4	0.95	1	1	12.116633
Annual Permit 1_str	BOBJ1	476.4	Before	Right Exterior Girder	251.4	0.95	1	1	11.8841
Annual Permit 1_str	BOBJ1	476.4	After	Left Exterior Girder	251.4	0.95	1	1	11.414917
Annual Permit 1_str	BOBJ1	476.4	After	Interior Girder 1	251.4	0.95	1	1	12.637955
Annual Permit 1_str	BOBJ1	476.4	After	Interior Girder 2	251.4	0.95	1	1	12.637955
Annual Permit 1_str	BOBJ1	476.4	After	Right Exterior Girder	251.4	0.95	1	1	11.414917
Annual Permit 1_str	BOBJ1	487.85	Before	Left Exterior Girder	262.85	0.95	1	1	10.905024
Annual Permit 1_str	BOBJ1	487.85	Before	Interior Girder 1	262.85	0.95	1	1	11.622664
Annual Permit 1_str	BOBJ1	487.85	Before	Interior Girder 2	262.85	0.95	1	1	11.622665
Annual Permit 1_str	BOBJ1	487.85	Before	Right Exterior Girder	262.85	0.95	1	1	10.905024
Annual Permit 1_str	BOBJ1	487.85	After	Left Exterior Girder	262.85	0.95	1	1	10.645135
Annual Permit 1_str	BOBJ1	487.85	After	Interior Girder 1	262.85	0.95	1	1	11.070229
Annual Permit 1_str	BOBJ1	487.85	After	Interior Girder 2	262.85	0.95	1	1	11.07023
Annual Permit 1_str	BOBJ1	487.85	After	Right Exterior Girder	262.85	0.95	1	1	10.645135
Annual Permit 1_str	BOBJ1	496.3126	Before	Left Exterior Girder	271.3126	0.95	1	1	10.550738
Annual Permit 1_str	BOBJ1	496.3126	Before	Interior Girder 1	271.3126	0.95	1	1	10.960233
Annual Permit 1_str	BOBJ1	496.3126	Before	Interior Girder 2	271.3126	0.95	1	1	10.960234
Annual Permit 1_str	BOBJ1	496.3126	Before	Right Exterior Girder	271.3126	0.95	1	1	10.550737
Annual Permit 1_str	BOBJ1	496.3126	After	Left Exterior Girder	271.3126	0.95	1	1	15.975634
Annual Permit 1_str	BOBJ1	496.3126	After	Interior Girder 1	271.3126	0.95	1	1	15.631458
Annual Permit 1_str	BOBJ1	496.3126	After	Interior Girder 2	271.3126	0.95	1	1	15.631459
Annual Permit 1_str	BOBJ1	496.3126	After	Right Exterior Girder	271.3126	0.95	1	1	15.975633
Annual Permit 1_str	BOBJ1	499.3	Before	Left Exterior Girder	274.3	0.95	1	1	15.936236
Annual Permit 1_str	BOBJ1	499.3	Before	Interior Girder 1	274.3	0.95	1	1	15.589168
Annual Permit 1_str	BOBJ1	499.3	Before	Interior Girder 2	274.3	0.95	1	1	15.589168
Annual Permit 1_str	BOBJ1	499.3	Before	Right Exterior Girder	274.3	0.95	1	1	15.936235
Annual Permit 1_str	BOBJ1	499.3	After	Left Exterior Girder	274.3	0.95	1	1	15.701126
Annual Permit 1_str	BOBJ1	499.3	After	Interior Girder 1	274.3	0.95	1	1	16.058816
Annual Permit 1_str	BOBJ1	499.3	After	Interior Girder 2	274.3	0.95	1	1	16.058817
Annual Permit 1_str	BOBJ1	499.3	After	Right Exterior Girder	274.3	0.95	1	1	15.701125
Annual Permit 1_str	BOBJ1	503.8969	Before	Left Exterior Girder	278.8969	0.95	1	1	15.641283
Annual Permit 1_str	BOBJ1	503.8969	Before	Interior Girder 1	278.8969	0.95	1	1	15.991571
Annual Permit 1_str	BOBJ1	503.8969	Before	Interior Girder 2	278.8969	0.95	1	1	15.991572
Annual Permit 1_str	BOBJ1	503.8969	Before	Right Exterior Girder	278.8969	0.95	1	1	15.641282

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Main Span Girders									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Annual Permit 1_str	BOBJ1	503.8969	After	Left Exterior Girder	278.8969	0.95	1	1	24.858977
Annual Permit 1_str	BOBJ1	503.8969	After	Interior Girder 1	278.8969	0.95	1	1	24.701732
Annual Permit 1_str	BOBJ1	503.8969	After	Interior Girder 2	278.8969	0.95	1	1	24.701733
Annual Permit 1_str	BOBJ1	503.8969	After	Right Exterior Girder	278.8969	0.95	1	1	24.858975
Annual Permit 1_str	BOBJ1	510.7	Before	Left Exterior Girder	285.7	0.95	1	1	24.747979
Annual Permit 1_str	BOBJ1	510.7	Before	Interior Girder 1	285.7	0.95	1	1	24.5828
Annual Permit 1_str	BOBJ1	510.7	Before	Interior Girder 2	285.7	0.95	1	1	24.582802
Annual Permit 1_str	BOBJ1	510.7	Before	Right Exterior Girder	285.7	0.95	1	1	24.747977
Annual Permit 1_str	BOBJ1	510.7	After	Left Exterior Girder	285.7	0.95	1	1	22.996461
Annual Permit 1_str	BOBJ1	510.7	After	Interior Girder 1	285.7	0.95	1	1	22.135083
Annual Permit 1_str	BOBJ1	510.7	After	Interior Girder 2	285.7	0.95	1	1	22.135084
Annual Permit 1_str	BOBJ1	510.7	After	Right Exterior Girder	285.7	0.95	1	1	22.99646
Annual Permit 1_str	BOBJ1	511.4811	Before	Left Exterior Girder	286.4811	0.95	1	1	22.984568
Annual Permit 1_str	BOBJ1	511.4811	Before	Interior Girder 1	286.4811	0.95	1	1	22.122817
Annual Permit 1_str	BOBJ1	511.4811	Before	Interior Girder 2	286.4811	0.95	1	1	22.122818
Annual Permit 1_str	BOBJ1	511.4811	Before	Right Exterior Girder	286.4811	0.95	1	1	22.984567
Annual Permit 1_str	BOBJ1	511.4811	After	Left Exterior Girder	286.4811	0.95	1	1	32.094687
Annual Permit 1_str	BOBJ1	511.4811	After	Interior Girder 1	286.4811	0.95	1	1	30.505643
Annual Permit 1_str	BOBJ1	511.4811	After	Interior Girder 2	286.4811	0.95	1	1	30.505644
Annual Permit 1_str	BOBJ1	511.4811	After	Right Exterior Girder	286.4811	0.95	1	1	32.094685
Annual Permit 1_str	BOBJ1	522.1	Before	Left Exterior Girder	297.1	0.95	1	1	31.894141
Annual Permit 1_str	BOBJ1	522.1	Before	Interior Girder 1	297.1	0.95	1	1	30.302346
Annual Permit 1_str	BOBJ1	522.1	Before	Interior Girder 2	297.1	0.95	1	1	30.302348
Annual Permit 1_str	BOBJ1	522.1	Before	Right Exterior Girder	297.1	0.95	1	1	31.89414
Annual Permit 1_str	BOBJ1	522.1	After	Left Exterior Girder	297.1	0.95	1	1	30.398014
Annual Permit 1_str	BOBJ1	522.1	After	Interior Girder 1	297.1	0.95	1	1	27.619456
Annual Permit 1_str	BOBJ1	522.1	After	Interior Girder 2	297.1	0.95	1	1	27.619456
Annual Permit 1_str	BOBJ1	522.1	After	Right Exterior Girder	297.1	0.95	1	1	30.398013
Annual Permit 1_str	BOBJ1	530.4918	Before	Left Exterior Girder	305.4918	0.95	1	1	30.246618
Annual Permit 1_str	BOBJ1	530.4918	Before	Interior Girder 1	305.4918	0.95	1	1	27.472726
Annual Permit 1_str	BOBJ1	530.4918	Before	Interior Girder 2	305.4918	0.95	1	1	27.472727
Annual Permit 1_str	BOBJ1	530.4918	Before	Right Exterior Girder	305.4918	0.95	1	1	30.246617
Annual Permit 1_str	BOBJ1	530.4918	After	Left Exterior Girder	305.4918	0.95	1	1	36.748599
Annual Permit 1_str	BOBJ1	530.4918	After	Interior Girder 1	305.4918	0.95	1	1	31.441342
Annual Permit 1_str	BOBJ1	530.4918	After	Interior Girder 2	305.4918	0.95	1	1	31.441343
Annual Permit 1_str	BOBJ1	530.4918	After	Right Exterior Girder	305.4918	0.95	1	1	36.748598
Annual Permit 1_str	BOBJ1	533.55	Before	Left Exterior Girder	308.55	0.95	1	1	36.686659
Annual Permit 1_str	BOBJ1	533.55	Before	Interior Girder 1	308.55	0.95	1	1	31.385291
Annual Permit 1_str	BOBJ1	533.55	Before	Interior Girder 2	308.55	0.95	1	1	31.385291
Annual Permit 1_str	BOBJ1	533.55	Before	Right Exterior Girder	308.55	0.95	1	1	36.686658
Annual Permit 1_str	BOBJ1	533.55	After	Left Exterior Girder	308.55	0.95	1	1	36.626236
Annual Permit 1_str	BOBJ1	533.55	After	Interior Girder 1	308.55	0.95	1	1	30.870251
Annual Permit 1_str	BOBJ1	533.55	After	Interior Girder 2	308.55	0.95	1	1	30.870252
Annual Permit 1_str	BOBJ1	533.55	After	Right Exterior Girder	308.55	0.95	1	1	36.626235
Annual Permit 1_str	BOBJ1	545	Before	Left Exterior Girder	320	0.95	1	1	35.704004
Annual Permit 1_str	BOBJ1	545	Before	Interior Girder 1	320	0.95	1	1	28.743355
Annual Permit 1_str	BOBJ1	545	Before	Interior Girder 2	320	0.95	1	1	28.743355
Annual Permit 1_str	BOBJ1	545	Before	Right Exterior Girder	320	0.95	1	1	35.704003
Annual Permit 1_str	BOBJ1	545	After	Left Exterior Girder	0	0.95	1	1	38.494116
Annual Permit 1_str	BOBJ1	545	After	Interior Girder 1	0	0.95	1	1	31.142128
Annual Permit 1_str	BOBJ1	545	After	Interior Girder 2	0	0.95	1	1	31.142128
Annual Permit 1_str	BOBJ1	545	After	Right Exterior Girder	0	0.95	1	1	38.494115
Annual Permit 1_str	BOBJ1	556.25	Before	Left Exterior Girder	11.25	0.95	1	1	38.732367
Annual Permit 1_str	BOBJ1	556.25	Before	Interior Girder 1	11.25	0.95	1	1	31.34622
Annual Permit 1_str	BOBJ1	556.25	Before	Interior Girder 2	11.25	0.95	1	1	31.34622
Annual Permit 1_str	BOBJ1	556.25	Before	Right Exterior Girder	11.25	0.95	1	1	38.732367
Annual Permit 1_str	BOBJ1	556.25	After	Left Exterior Girder	11.25	0.95	1	1	38.882436
Annual Permit 1_str	BOBJ1	556.25	After	Interior Girder 1	11.25	0.95	1	1	32.202891
Annual Permit 1_str	BOBJ1	556.25	After	Interior Girder 2	11.25	0.95	1	1	32.202891
Annual Permit 1_str	BOBJ1	556.25	After	Right Exterior Girder	11.25	0.95	1	1	38.882436
Annual Permit 1_str	BOBJ1	559.4358	Before	Left Exterior Girder	14.4358	0.95	1	1	38.950112
Annual Permit 1_str	BOBJ1	559.4358	Before	Interior Girder 1	14.4358	0.95	1	1	32.262207
Annual Permit 1_str	BOBJ1	559.4358	Before	Interior Girder 2	14.4358	0.95	1	1	32.262207
Annual Permit 1_str	BOBJ1	559.4358	Before	Right Exterior Girder	14.4358	0.95	1	1	38.950112
Annual Permit 1_str	BOBJ1	559.4358	After	Left Exterior Girder	14.4358	0.95	1	1	32.211255
Annual Permit 1_str	BOBJ1	559.4358	After	Interior Girder 1	14.4358	0.95	1	1	28.306317
Annual Permit 1_str	BOBJ1	559.4358	After	Interior Girder 2	14.4358	0.95	1	1	28.306317
Annual Permit 1_str	BOBJ1	559.4358	After	Right Exterior Girder	14.4358	0.95	1	1	32.211254

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Main Span Girders									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Annual Permit 1_str	BOBJ1	567.5	Before	Left Exterior Girder	22.5	0.95	1	1	32.364177
Annual Permit 1_str	BOBJ1	567.5	Before	Interior Girder 1	22.5	0.95	1	1	28.449774
Annual Permit 1_str	BOBJ1	567.5	Before	Interior Girder 2	22.5	0.95	1	1	28.449775
Annual Permit 1_str	BOBJ1	567.5	Before	Right Exterior Girder	22.5	0.95	1	1	32.364177
Annual Permit 1_str	BOBJ1	567.5	After	Left Exterior Girder	22.5	0.95	1	1	32.264767
Annual Permit 1_str	BOBJ1	567.5	After	Interior Girder 1	22.5	0.95	1	1	28.210165
Annual Permit 1_str	BOBJ1	567.5	After	Interior Girder 2	22.5	0.95	1	1	28.210166
Annual Permit 1_str	BOBJ1	567.5	After	Right Exterior Girder	22.5	0.95	1	1	32.264767
Annual Permit 1_str	BOBJ1	570.0586	Before	Left Exterior Girder	25.0586	0.95	1	1	32.313089
Annual Permit 1_str	BOBJ1	570.0586	Before	Interior Girder 1	25.0586	0.95	1	1	28.255216
Annual Permit 1_str	BOBJ1	570.0586	Before	Interior Girder 2	25.0586	0.95	1	1	28.255216
Annual Permit 1_str	BOBJ1	570.0586	Before	Right Exterior Girder	25.0586	0.95	1	1	32.313089
Annual Permit 1_str	BOBJ1	570.0586	After	Left Exterior Girder	25.0586	0.95	1	1	25.451798
Annual Permit 1_str	BOBJ1	570.0586	After	Interior Girder 1	25.0586	0.95	1	1	23.768409
Annual Permit 1_str	BOBJ1	570.0586	After	Interior Girder 2	25.0586	0.95	1	1	23.768409
Annual Permit 1_str	BOBJ1	570.0586	After	Right Exterior Girder	25.0586	0.95	1	1	25.451798
Annual Permit 1_str	BOBJ1	578.75	Before	Left Exterior Girder	33.75	0.95	1	1	25.596446
Annual Permit 1_str	BOBJ1	578.75	Before	Interior Girder 1	33.75	0.95	1	1	23.914225
Annual Permit 1_str	BOBJ1	578.75	Before	Interior Girder 2	33.75	0.95	1	1	23.914225
Annual Permit 1_str	BOBJ1	578.75	Before	Right Exterior Girder	33.75	0.95	1	1	25.596446
Annual Permit 1_str	BOBJ1	578.75	After	Left Exterior Girder	33.75	0.95	1	1	26.476016
Annual Permit 1_str	BOBJ1	578.75	After	Interior Girder 1	33.75	0.95	1	1	26.165225
Annual Permit 1_str	BOBJ1	578.75	After	Interior Girder 2	33.75	0.95	1	1	26.165226
Annual Permit 1_str	BOBJ1	578.75	After	Right Exterior Girder	33.75	0.95	1	1	26.476016
Annual Permit 1_str	BOBJ1	586.8142	Before	Left Exterior Girder	41.8142	0.95	1	1	26.614576
Annual Permit 1_str	BOBJ1	586.8142	Before	Interior Girder 1	41.8142	0.95	1	1	26.313004
Annual Permit 1_str	BOBJ1	586.8142	Before	Interior Girder 2	41.8142	0.95	1	1	26.313004
Annual Permit 1_str	BOBJ1	586.8142	Before	Right Exterior Girder	41.8142	0.95	1	1	26.614575
Annual Permit 1_str	BOBJ1	586.8142	After	Left Exterior Girder	41.8142	0.95	1	1	16.730392
Annual Permit 1_str	BOBJ1	586.8142	After	Interior Girder 1	41.8142	0.95	1	1	16.840903
Annual Permit 1_str	BOBJ1	586.8142	After	Interior Girder 2	41.8142	0.95	1	1	16.840903
Annual Permit 1_str	BOBJ1	586.8142	After	Right Exterior Girder	41.8142	0.95	1	1	16.730392
Annual Permit 1_str	BOBJ1	590	Before	Left Exterior Girder	45	0.95	1	1	16.773621
Annual Permit 1_str	BOBJ1	590	Before	Interior Girder 1	45	0.95	1	1	16.888707
Annual Permit 1_str	BOBJ1	590	Before	Interior Girder 2	45	0.95	1	1	16.888707
Annual Permit 1_str	BOBJ1	590	Before	Right Exterior Girder	45	0.95	1	1	16.773621
Annual Permit 1_str	BOBJ1	590	After	Left Exterior Girder	45	0.95	1	1	18.090611
Annual Permit 1_str	BOBJ1	590	After	Interior Girder 1	45	0.95	1	1	18.543487
Annual Permit 1_str	BOBJ1	590	After	Interior Girder 2	45	0.95	1	1	18.543487
Annual Permit 1_str	BOBJ1	590	After	Right Exterior Girder	45	0.95	1	1	18.090611
Annual Permit 1_str	BOBJ1	601.25	Before	Left Exterior Girder	56.25	0.95	1	1	18.254499
Annual Permit 1_str	BOBJ1	601.25	Before	Interior Girder 1	56.25	0.95	1	1	18.72837
Annual Permit 1_str	BOBJ1	601.25	Before	Interior Girder 2	56.25	0.95	1	1	18.72837
Annual Permit 1_str	BOBJ1	601.25	Before	Right Exterior Girder	56.25	0.95	1	1	18.254499
Annual Permit 1_str	BOBJ1	601.25	After	Left Exterior Girder	56.25	0.95	1	1	17.428051
Annual Permit 1_str	BOBJ1	601.25	After	Interior Girder 1	56.25	0.95	1	1	19.668704
Annual Permit 1_str	BOBJ1	601.25	After	Interior Girder 2	56.25	0.95	1	1	19.668704
Annual Permit 1_str	BOBJ1	601.25	After	Right Exterior Girder	56.25	0.95	1	1	17.428051
Annual Permit 1_str	BOBJ1	601.7478	Before	Left Exterior Girder	56.7478	0.95	1	1	17.435005
Annual Permit 1_str	BOBJ1	601.7478	Before	Interior Girder 1	56.7478	0.95	1	1	19.677227
Annual Permit 1_str	BOBJ1	601.7478	Before	Interior Girder 2	56.7478	0.95	1	1	19.677227
Annual Permit 1_str	BOBJ1	601.7478	Before	Right Exterior Girder	56.7478	0.95	1	1	17.435005
Annual Permit 1_str	BOBJ1	601.7478	After	Left Exterior Girder	56.7478	0.95	1	1	12.524057
Annual Permit 1_str	BOBJ1	601.7478	After	Interior Girder 1	56.7478	0.95	1	1	13.797312
Annual Permit 1_str	BOBJ1	601.7478	After	Interior Girder 2	56.7478	0.95	1	1	13.797311
Annual Permit 1_str	BOBJ1	601.7478	After	Right Exterior Girder	56.7478	0.95	1	1	12.524057
Annual Permit 1_str	BOBJ1	612.5	Before	Left Exterior Girder	67.5	0.95	1	1	12.658751
Annual Permit 1_str	BOBJ1	612.5	Before	Interior Girder 1	67.5	0.95	1	1	13.963973
Annual Permit 1_str	BOBJ1	612.5	Before	Interior Girder 2	67.5	0.95	1	1	13.963972
Annual Permit 1_str	BOBJ1	612.5	Before	Right Exterior Girder	67.5	0.95	1	1	12.658751
Annual Permit 1_str	BOBJ1	612.5	After	Left Exterior Girder	67.5	0.95	1	1	13.910647
Annual Permit 1_str	BOBJ1	612.5	After	Interior Girder 1	67.5	0.95	1	1	14.514763
Annual Permit 1_str	BOBJ1	612.5	After	Interior Girder 2	67.5	0.95	1	1	14.514762
Annual Permit 1_str	BOBJ1	612.5	After	Right Exterior Girder	67.5	0.95	1	1	13.910647
Annual Permit 1_str	BOBJ1	623.75	Before	Left Exterior Girder	78.75	0.95	1	1	14.064312
Annual Permit 1_str	BOBJ1	623.75	Before	Interior Girder 1	78.75	0.95	1	1	14.694846
Annual Permit 1_str	BOBJ1	623.75	Before	Interior Girder 2	78.75	0.95	1	1	14.694846
Annual Permit 1_str	BOBJ1	623.75	Before	Right Exterior Girder	78.75	0.95	1	1	14.064312

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Main Span Girders									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Annual Permit 1_str	BOBJ1	623.75	After	Left Exterior Girder	78.75	0.95	1	1	15.458476
Annual Permit 1_str	BOBJ1	623.75	After	Interior Girder 1	78.75	0.95	1	1	16.872421
Annual Permit 1_str	BOBJ1	623.75	After	Interior Girder 2	78.75	0.95	1	1	16.872421
Annual Permit 1_str	BOBJ1	623.75	After	Right Exterior Girder	78.75	0.95	1	1	15.458476
Annual Permit 1_str	BOBJ1	635	Before	Left Exterior Girder	90	0.95	1	1	15.626376
Annual Permit 1_str	BOBJ1	635	Before	Interior Girder 1	90	0.95	1	1	17.078208
Annual Permit 1_str	BOBJ1	635	Before	Interior Girder 2	90	0.95	1	1	17.078207
Annual Permit 1_str	BOBJ1	635	Before	Right Exterior Girder	90	0.95	1	1	15.626376
Annual Permit 1_str	BOBJ1	635	After	Left Exterior Girder	90	0.95	1	1	17.234084
Annual Permit 1_str	BOBJ1	635	After	Interior Girder 1	90	0.95	1	1	16.501962
Annual Permit 1_str	BOBJ1	635	After	Interior Girder 2	90	0.95	1	1	16.501961
Annual Permit 1_str	BOBJ1	635	After	Right Exterior Girder	90	0.95	1	1	17.234085
Annual Permit 1_str	BOBJ1	643.5619	Before	Left Exterior Girder	98.5619	0.95	1	1	17.374016
Annual Permit 1_str	BOBJ1	643.5619	Before	Interior Girder 1	98.5619	0.95	1	1	16.652466
Annual Permit 1_str	BOBJ1	643.5619	Before	Interior Girder 2	98.5619	0.95	1	1	16.652465
Annual Permit 1_str	BOBJ1	643.5619	Before	Right Exterior Girder	98.5619	0.95	1	1	17.374016
Annual Permit 1_str	BOBJ1	643.5619	After	Left Exterior Girder	98.5619	0.95	1	1	29.204328
Annual Permit 1_str	BOBJ1	643.5619	After	Interior Girder 1	98.5619	0.95	1	1	27.651411
Annual Permit 1_str	BOBJ1	643.5619	After	Interior Girder 2	98.5619	0.95	1	1	27.651409
Annual Permit 1_str	BOBJ1	643.5619	After	Right Exterior Girder	98.5619	0.95	1	1	29.204329
Annual Permit 1_str	BOBJ1	646.25	Before	Left Exterior Girder	101.25	0.95	1	1	29.259988
Annual Permit 1_str	BOBJ1	646.25	Before	Interior Girder 1	101.25	0.95	1	1	27.709274
Annual Permit 1_str	BOBJ1	646.25	Before	Interior Girder 2	101.25	0.95	1	1	27.709273
Annual Permit 1_str	BOBJ1	646.25	Before	Right Exterior Girder	101.25	0.95	1	1	29.259988
Annual Permit 1_str	BOBJ1	646.25	After	Left Exterior Girder	101.25	0.95	1	1	33.499844
Annual Permit 1_str	BOBJ1	646.25	After	Interior Girder 1	101.25	0.95	1	1	33.105262
Annual Permit 1_str	BOBJ1	646.25	After	Interior Girder 2	101.25	0.95	1	1	33.10526
Annual Permit 1_str	BOBJ1	646.25	After	Right Exterior Girder	101.25	0.95	1	1	33.499844
Annual Permit 1_str	BOBJ1	657.5	Before	Left Exterior Girder	112.5	0.95	1	1	33.765809
Annual Permit 1_str	BOBJ1	657.5	Before	Interior Girder 1	112.5	0.95	1	1	33.394288
Annual Permit 1_str	BOBJ1	657.5	Before	Interior Girder 2	112.5	0.95	1	1	33.394287
Annual Permit 1_str	BOBJ1	657.5	Before	Right Exterior Girder	112.5	0.95	1	1	33.765809
Annual Permit 1_str	BOBJ1	657.5	After	Left Exterior Girder	112.5	0.95	1	1	39.879418
Annual Permit 1_str	BOBJ1	657.5	After	Interior Girder 1	112.5	0.95	1	1	33.333191
Annual Permit 1_str	BOBJ1	657.5	After	Interior Girder 2	112.5	0.95	1	1	33.333195
Annual Permit 1_str	BOBJ1	657.5	After	Right Exterior Girder	112.5	0.95	1	1	39.879415
Annual Permit 1_str	BOBJ1	668.75	Before	Left Exterior Girder	123.75	0.95	1	1	40.192047
Annual Permit 1_str	BOBJ1	668.75	Before	Interior Girder 1	123.75	0.95	1	1	33.620676
Annual Permit 1_str	BOBJ1	668.75	Before	Interior Girder 2	123.75	0.95	1	1	33.62068
Annual Permit 1_str	BOBJ1	668.75	Before	Right Exterior Girder	123.75	0.95	1	1	40.192043
Annual Permit 1_str	BOBJ1	668.75	After	Left Exterior Girder	123.75	0.95	1	1	48.161851
Annual Permit 1_str	BOBJ1	668.75	After	Interior Girder 1	123.75	0.95	1	1	39.736968
Annual Permit 1_str	BOBJ1	668.75	After	Interior Girder 2	123.75	0.95	1	1	39.736974
Annual Permit 1_str	BOBJ1	668.75	After	Right Exterior Girder	123.75	0.95	1	1	48.161845
Annual Permit 1_str	BOBJ1	680	Before	Left Exterior Girder	135	0.95	1	1	48.535194
Annual Permit 1_str	BOBJ1	680	Before	Interior Girder 1	135	0.95	1	1	40.075833
Annual Permit 1_str	BOBJ1	680	Before	Interior Girder 2	135	0.95	1	1	40.075839
Annual Permit 1_str	BOBJ1	680	Before	Right Exterior Girder	135	0.95	1	1	48.535188
Annual Permit 1_str	BOBJ1	680	After	Left Exterior Girder	135	0.95	1	1	52.382357
Annual Permit 1_str	BOBJ1	680	After	Interior Girder 1	135	0.95	1	1	40.544413
Annual Permit 1_str	BOBJ1	680	After	Interior Girder 2	135	0.95	1	1	40.544411
Annual Permit 1_str	BOBJ1	680	After	Right Exterior Girder	135	0.95	1	1	52.382361
Annual Permit 1_str	BOBJ1	691.25	Before	Left Exterior Girder	146.25	0.95	1	1	51.993638
Annual Permit 1_str	BOBJ1	691.25	Before	Interior Girder 1	146.25	0.95	1	1	40.886082
Annual Permit 1_str	BOBJ1	691.25	Before	Interior Girder 2	146.25	0.95	1	1	40.88608
Annual Permit 1_str	BOBJ1	691.25	Before	Right Exterior Girder	146.25	0.95	1	1	51.993642
Annual Permit 1_str	BOBJ1	691.25	After	Left Exterior Girder	146.25	0.95	1	1	44.355196
Annual Permit 1_str	BOBJ1	691.25	After	Interior Girder 1	146.25	0.95	1	1	37.044443
Annual Permit 1_str	BOBJ1	691.25	After	Interior Girder 2	146.25	0.95	1	1	37.044445
Annual Permit 1_str	BOBJ1	691.25	After	Right Exterior Girder	146.25	0.95	1	1	44.355196
Annual Permit 1_str	BOBJ1	702.5	Before	Left Exterior Girder	157.5	0.95	1	1	44.022487
Annual Permit 1_str	BOBJ1	702.5	Before	Interior Girder 1	157.5	0.95	1	1	36.738678
Annual Permit 1_str	BOBJ1	702.5	Before	Interior Girder 2	157.5	0.95	1	1	36.73868
Annual Permit 1_str	BOBJ1	702.5	Before	Right Exterior Girder	157.5	0.95	1	1	44.022487
Annual Permit 1_str	BOBJ1	702.5	After	Left Exterior Girder	157.5	0.95	1	1	37.412643
Annual Permit 1_str	BOBJ1	702.5	After	Interior Girder 1	157.5	0.95	1	1	37.177802
Annual Permit 1_str	BOBJ1	702.5	After	Interior Girder 2	157.5	0.95	1	1	37.177804
Annual Permit 1_str	BOBJ1	702.5	After	Right Exterior Girder	157.5	0.95	1	1	37.41264

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Main Span Girders									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Annual Permit 1_str	BOBJ1	713.75	Before	Left Exterior Girder	168.75	0.95	1	1	37.12857
Annual Permit 1_str	BOBJ1	713.75	Before	Interior Girder 1	168.75	0.95	1	1	36.867351
Annual Permit 1_str	BOBJ1	713.75	Before	Interior Girder 2	168.75	0.95	1	1	36.867352
Annual Permit 1_str	BOBJ1	713.75	Before	Right Exterior Girder	168.75	0.95	1	1	37.128568
Annual Permit 1_str	BOBJ1	713.75	After	Left Exterior Girder	168.75	0.95	1	1	32.605737
Annual Permit 1_str	BOBJ1	713.75	After	Interior Girder 1	168.75	0.95	1	1	31.644007
Annual Permit 1_str	BOBJ1	713.75	After	Interior Girder 2	168.75	0.95	1	1	31.644007
Annual Permit 1_str	BOBJ1	713.75	After	Right Exterior Girder	168.75	0.95	1	1	32.605736
Annual Permit 1_str	BOBJ1	725	Before	Left Exterior Girder	180	0.95	1	1	32.355424
Annual Permit 1_str	BOBJ1	725	Before	Interior Girder 1	180	0.95	1	1	31.376829
Annual Permit 1_str	BOBJ1	725	Before	Interior Girder 2	180	0.95	1	1	31.376829
Annual Permit 1_str	BOBJ1	725	Before	Right Exterior Girder	180	0.95	1	1	32.355423
Annual Permit 1_str	BOBJ1	725	After	Left Exterior Girder	180	0.95	1	1	28.195273
Annual Permit 1_str	BOBJ1	725	After	Interior Girder 1	180	0.95	1	1	30.56336
Annual Permit 1_str	BOBJ1	725	After	Interior Girder 2	180	0.95	1	1	30.56336
Annual Permit 1_str	BOBJ1	725	After	Right Exterior Girder	180	0.95	1	1	28.195276
Annual Permit 1_str	BOBJ1	731.1726	Before	Left Exterior Girder	186.1726	0.95	1	1	28.07511
Annual Permit 1_str	BOBJ1	731.1726	Before	Interior Girder 1	186.1726	0.95	1	1	30.420197
Annual Permit 1_str	BOBJ1	731.1726	Before	Interior Girder 2	186.1726	0.95	1	1	30.420197
Annual Permit 1_str	BOBJ1	731.1726	Before	Right Exterior Girder	186.1726	0.95	1	1	28.075112
Annual Permit 1_str	BOBJ1	731.1726	After	Left Exterior Girder	186.1726	0.95	1	1	16.18154
Annual Permit 1_str	BOBJ1	731.1726	After	Interior Girder 1	186.1726	0.95	1	1	17.150486
Annual Permit 1_str	BOBJ1	731.1726	After	Interior Girder 2	186.1726	0.95	1	1	17.150485
Annual Permit 1_str	BOBJ1	731.1726	After	Right Exterior Girder	186.1726	0.95	1	1	16.181541
Annual Permit 1_str	BOBJ1	736.25	Before	Left Exterior Girder	191.25	0.95	1	1	16.106935
Annual Permit 1_str	BOBJ1	736.25	Before	Interior Girder 1	191.25	0.95	1	1	17.061751
Annual Permit 1_str	BOBJ1	736.25	Before	Interior Girder 2	191.25	0.95	1	1	17.06175
Annual Permit 1_str	BOBJ1	736.25	Before	Right Exterior Girder	191.25	0.95	1	1	16.106936
Annual Permit 1_str	BOBJ1	736.25	After	Left Exterior Girder	191.25	0.95	1	1	15.460585
Annual Permit 1_str	BOBJ1	736.25	After	Interior Girder 1	191.25	0.95	1	1	16.141281
Annual Permit 1_str	BOBJ1	736.25	After	Interior Girder 2	191.25	0.95	1	1	16.141281
Annual Permit 1_str	BOBJ1	736.25	After	Right Exterior Girder	191.25	0.95	1	1	15.460585
Annual Permit 1_str	BOBJ1	747.5	Before	Left Exterior Girder	202.5	0.95	1	1	15.301336
Annual Permit 1_str	BOBJ1	747.5	Before	Interior Girder 1	202.5	0.95	1	1	15.954615
Annual Permit 1_str	BOBJ1	747.5	Before	Interior Girder 2	202.5	0.95	1	1	15.954615
Annual Permit 1_str	BOBJ1	747.5	Before	Right Exterior Girder	202.5	0.95	1	1	15.301337
Annual Permit 1_str	BOBJ1	747.5	After	Left Exterior Girder	202.5	0.95	1	1	13.603369
Annual Permit 1_str	BOBJ1	747.5	After	Interior Girder 1	202.5	0.95	1	1	14.657189
Annual Permit 1_str	BOBJ1	747.5	After	Interior Girder 2	202.5	0.95	1	1	14.657187
Annual Permit 1_str	BOBJ1	747.5	After	Right Exterior Girder	202.5	0.95	1	1	13.603369
Annual Permit 1_str	BOBJ1	758.75	Before	Left Exterior Girder	213.75	0.95	1	1	13.460633
Annual Permit 1_str	BOBJ1	758.75	Before	Interior Girder 1	213.75	0.95	1	1	14.48475
Annual Permit 1_str	BOBJ1	758.75	Before	Interior Girder 2	213.75	0.95	1	1	14.484748
Annual Permit 1_str	BOBJ1	758.75	Before	Right Exterior Girder	213.75	0.95	1	1	13.460633
Annual Permit 1_str	BOBJ1	758.75	After	Left Exterior Girder	213.75	0.95	1	1	12.434482
Annual Permit 1_str	BOBJ1	758.75	After	Interior Girder 1	213.75	0.95	1	1	11.942778
Annual Permit 1_str	BOBJ1	758.75	After	Interior Girder 2	213.75	0.95	1	1	11.942777
Annual Permit 1_str	BOBJ1	758.75	After	Right Exterior Girder	213.75	0.95	1	1	12.434482
Annual Permit 1_str	BOBJ1	770	Before	Left Exterior Girder	225	0.95	1	1	12.301866
Annual Permit 1_str	BOBJ1	770	Before	Interior Girder 1	225	0.95	1	1	11.799933
Annual Permit 1_str	BOBJ1	770	Before	Interior Girder 2	225	0.95	1	1	11.799932
Annual Permit 1_str	BOBJ1	770	Before	Right Exterior Girder	225	0.95	1	1	12.301866
Annual Permit 2_str	BOBJ1	0	After	Left Exterior Girder	0	0.95	1	1	11.742809
Annual Permit 2_str	BOBJ1	0	After	Interior Girder 1	0	0.95	1	1	10.945156
Annual Permit 2_str	BOBJ1	0	After	Interior Girder 2	0	0.95	1	1	10.945156
Annual Permit 2_str	BOBJ1	0	After	Right Exterior Girder	0	0.95	1	1	11.742809
Annual Permit 2_str	BOBJ1	11.25	Before	Left Exterior Girder	11.25	0.95	1	1	11.869398
Annual Permit 2_str	BOBJ1	11.25	Before	Interior Girder 1	11.25	0.95	1	1	11.077652
Annual Permit 2_str	BOBJ1	11.25	Before	Interior Girder 2	11.25	0.95	1	1	11.077653
Annual Permit 2_str	BOBJ1	11.25	Before	Right Exterior Girder	11.25	0.95	1	1	11.869398
Annual Permit 2_str	BOBJ1	11.25	After	Left Exterior Girder	11.25	0.95	1	1	12.824394
Annual Permit 2_str	BOBJ1	11.25	After	Interior Girder 1	11.25	0.95	1	1	13.418538
Annual Permit 2_str	BOBJ1	11.25	After	Interior Girder 2	11.25	0.95	1	1	13.418539
Annual Permit 2_str	BOBJ1	11.25	After	Right Exterior Girder	11.25	0.95	1	1	12.824393
Annual Permit 2_str	BOBJ1	22.5	Before	Left Exterior Girder	22.5	0.95	1	1	12.960384
Annual Permit 2_str	BOBJ1	22.5	Before	Interior Girder 1	22.5	0.95	1	1	13.578284
Annual Permit 2_str	BOBJ1	22.5	Before	Interior Girder 2	22.5	0.95	1	1	13.578285
Annual Permit 2_str	BOBJ1	22.5	Before	Right Exterior Girder	22.5	0.95	1	1	12.960383

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Main Span Girders									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Annual Permit 2_str	BOBJ1	22.5	After	Left Exterior Girder	22.5	0.95	1	1	14.517046
Annual Permit 2_str	BOBJ1	22.5	After	Interior Girder 1	22.5	0.95	1	1	14.739399
Annual Permit 2_str	BOBJ1	22.5	After	Interior Girder 2	22.5	0.95	1	1	14.739399
Annual Permit 2_str	BOBJ1	22.5	After	Right Exterior Girder	22.5	0.95	1	1	14.517046
Annual Permit 2_str	BOBJ1	33.75	Before	Left Exterior Girder	33.75	0.95	1	1	14.668132
Annual Permit 2_str	BOBJ1	33.75	Before	Interior Girder 1	33.75	0.95	1	1	14.911847
Annual Permit 2_str	BOBJ1	33.75	Before	Interior Girder 2	33.75	0.95	1	1	14.911847
Annual Permit 2_str	BOBJ1	33.75	Before	Right Exterior Girder	33.75	0.95	1	1	14.668132
Annual Permit 2_str	BOBJ1	33.75	After	Left Exterior Girder	33.75	0.95	1	1	15.260313
Annual Permit 2_str	BOBJ1	33.75	After	Interior Girder 1	33.75	0.95	1	1	15.71902
Annual Permit 2_str	BOBJ1	33.75	After	Interior Girder 2	33.75	0.95	1	1	15.719019
Annual Permit 2_str	BOBJ1	33.75	After	Right Exterior Girder	33.75	0.95	1	1	15.260313
Annual Permit 2_str	BOBJ1	38.8274	Before	Left Exterior Girder	38.8274	0.95	1	1	15.330996
Annual Permit 2_str	BOBJ1	38.8274	Before	Interior Girder 1	38.8274	0.95	1	1	15.800771
Annual Permit 2_str	BOBJ1	38.8274	Before	Interior Girder 2	38.8274	0.95	1	1	15.80077
Annual Permit 2_str	BOBJ1	38.8274	Before	Right Exterior Girder	38.8274	0.95	1	1	15.330997
Annual Permit 2_str	BOBJ1	38.8274	After	Left Exterior Girder	38.8274	0.95	1	1	26.528825
Annual Permit 2_str	BOBJ1	38.8274	After	Interior Girder 1	38.8274	0.95	1	1	28.00472
Annual Permit 2_str	BOBJ1	38.8274	After	Interior Girder 2	38.8274	0.95	1	1	28.004719
Annual Permit 2_str	BOBJ1	38.8274	After	Right Exterior Girder	38.8274	0.95	1	1	26.528826
Annual Permit 2_str	BOBJ1	45	Before	Left Exterior Girder	45	0.95	1	1	26.64237
Annual Permit 2_str	BOBJ1	45	Before	Interior Girder 1	45	0.95	1	1	28.136514
Annual Permit 2_str	BOBJ1	45	Before	Interior Girder 2	45	0.95	1	1	28.136514
Annual Permit 2_str	BOBJ1	45	Before	Right Exterior Girder	45	0.95	1	1	26.642371
Annual Permit 2_str	BOBJ1	45	After	Left Exterior Girder	45	0.95	1	1	30.437867
Annual Permit 2_str	BOBJ1	45	After	Interior Girder 1	45	0.95	1	1	28.767533
Annual Permit 2_str	BOBJ1	45	After	Interior Girder 2	45	0.95	1	1	28.76753
Annual Permit 2_str	BOBJ1	45	After	Right Exterior Girder	45	0.95	1	1	30.437869
Annual Permit 2_str	BOBJ1	56.25	Before	Left Exterior Girder	56.25	0.95	1	1	30.673346
Annual Permit 2_str	BOBJ1	56.25	Before	Interior Girder 1	56.25	0.95	1	1	29.012492
Annual Permit 2_str	BOBJ1	56.25	Before	Interior Girder 2	56.25	0.95	1	1	29.01249
Annual Permit 2_str	BOBJ1	56.25	Before	Right Exterior Girder	56.25	0.95	1	1	30.673347
Annual Permit 2_str	BOBJ1	56.25	After	Left Exterior Girder	56.25	0.95	1	1	34.738978
Annual Permit 2_str	BOBJ1	56.25	After	Interior Girder 1	56.25	0.95	1	1	33.702703
Annual Permit 2_str	BOBJ1	56.25	After	Interior Girder 2	56.25	0.95	1	1	33.7027
Annual Permit 2_str	BOBJ1	56.25	After	Right Exterior Girder	56.25	0.95	1	1	34.738979
Annual Permit 2_str	BOBJ1	67.5	Before	Left Exterior Girder	67.5	0.95	1	1	35.004767
Annual Permit 2_str	BOBJ1	67.5	Before	Interior Girder 1	67.5	0.95	1	1	33.986505
Annual Permit 2_str	BOBJ1	67.5	Before	Interior Girder 2	67.5	0.95	1	1	33.986503
Annual Permit 2_str	BOBJ1	67.5	Before	Right Exterior Girder	67.5	0.95	1	1	35.004768
Annual Permit 2_str	BOBJ1	67.5	After	Left Exterior Girder	67.5	0.95	1	1	40.990126
Annual Permit 2_str	BOBJ1	67.5	After	Interior Girder 1	67.5	0.95	1	1	33.416934
Annual Permit 2_str	BOBJ1	67.5	After	Interior Girder 2	67.5	0.95	1	1	33.416937
Annual Permit 2_str	BOBJ1	67.5	After	Right Exterior Girder	67.5	0.95	1	1	40.990117
Annual Permit 2_str	BOBJ1	78.75	Before	Left Exterior Girder	78.75	0.95	1	1	41.299917
Annual Permit 2_str	BOBJ1	78.75	Before	Interior Girder 1	78.75	0.95	1	1	33.695053
Annual Permit 2_str	BOBJ1	78.75	Before	Interior Girder 2	78.75	0.95	1	1	33.695056
Annual Permit 2_str	BOBJ1	78.75	Before	Right Exterior Girder	78.75	0.95	1	1	41.299908
Annual Permit 2_str	BOBJ1	78.75	After	Left Exterior Girder	78.75	0.95	1	1	48.118516
Annual Permit 2_str	BOBJ1	78.75	After	Interior Girder 1	78.75	0.95	1	1	36.296957
Annual Permit 2_str	BOBJ1	78.75	After	Interior Girder 2	78.75	0.95	1	1	36.296953
Annual Permit 2_str	BOBJ1	78.75	After	Right Exterior Girder	78.75	0.95	1	1	48.118504
Annual Permit 2_str	BOBJ1	90	Before	Left Exterior Girder	90	0.95	1	1	48.478263
Annual Permit 2_str	BOBJ1	90	Before	Interior Girder 1	90	0.95	1	1	35.993637
Annual Permit 2_str	BOBJ1	90	Before	Interior Girder 2	90	0.95	1	1	35.993633
Annual Permit 2_str	BOBJ1	90	Before	Right Exterior Girder	90	0.95	1	1	48.478251
Annual Permit 2_str	BOBJ1	90	After	Left Exterior Girder	90	0.95	1	1	43.570004
Annual Permit 2_str	BOBJ1	90	After	Interior Girder 1	90	0.95	1	1	36.094892
Annual Permit 2_str	BOBJ1	90	After	Interior Girder 2	90	0.95	1	1	36.094885
Annual Permit 2_str	BOBJ1	90	After	Right Exterior Girder	90	0.95	1	1	43.570008
Annual Permit 2_str	BOBJ1	101.25	Before	Left Exterior Girder	101.25	0.95	1	1	43.234855
Annual Permit 2_str	BOBJ1	101.25	Before	Interior Girder 1	101.25	0.95	1	1	35.789688
Annual Permit 2_str	BOBJ1	101.25	Before	Interior Girder 2	101.25	0.95	1	1	35.78968
Annual Permit 2_str	BOBJ1	101.25	Before	Right Exterior Girder	101.25	0.95	1	1	43.234859
Annual Permit 2_str	BOBJ1	101.25	After	Left Exterior Girder	101.25	0.95	1	1	36.789044
Annual Permit 2_str	BOBJ1	101.25	After	Interior Girder 1	101.25	0.95	1	1	30.444845
Annual Permit 2_str	BOBJ1	101.25	After	Interior Girder 2	101.25	0.95	1	1	30.44484
Annual Permit 2_str	BOBJ1	101.25	After	Right Exterior Girder	101.25	0.95	1	1	36.789046

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Main Span Girders									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Annual Permit 2_str	BOBJ1	112.5	Before	Left Exterior Girder	112.5	0.95	1	1	36.502885
Annual Permit 2_str	BOBJ1	112.5	Before	Interior Girder 1	112.5	0.95	1	1	30.184515
Annual Permit 2_str	BOBJ1	112.5	Before	Interior Girder 2	112.5	0.95	1	1	30.18451
Annual Permit 2_str	BOBJ1	112.5	Before	Right Exterior Girder	112.5	0.95	1	1	36.502888
Annual Permit 2_str	BOBJ1	112.5	After	Left Exterior Girder	112.5	0.95	1	1	31.321333
Annual Permit 2_str	BOBJ1	112.5	After	Interior Girder 1	112.5	0.95	1	1	30.529316
Annual Permit 2_str	BOBJ1	112.5	After	Interior Girder 2	112.5	0.95	1	1	30.529317
Annual Permit 2_str	BOBJ1	112.5	After	Right Exterior Girder	112.5	0.95	1	1	31.321332
Annual Permit 2_str	BOBJ1	123.75	Before	Left Exterior Girder	123.75	0.95	1	1	31.074623
Annual Permit 2_str	BOBJ1	123.75	Before	Interior Girder 1	123.75	0.95	1	1	30.265086
Annual Permit 2_str	BOBJ1	123.75	Before	Interior Girder 2	123.75	0.95	1	1	30.265087
Annual Permit 2_str	BOBJ1	123.75	Before	Right Exterior Girder	123.75	0.95	1	1	31.074622
Annual Permit 2_str	BOBJ1	123.75	After	Left Exterior Girder	123.75	0.95	1	1	27.458062
Annual Permit 2_str	BOBJ1	123.75	After	Interior Girder 1	123.75	0.95	1	1	25.385464
Annual Permit 2_str	BOBJ1	123.75	After	Interior Girder 2	123.75	0.95	1	1	25.385466
Annual Permit 2_str	BOBJ1	123.75	After	Right Exterior Girder	123.75	0.95	1	1	27.458061
Annual Permit 2_str	BOBJ1	126.4381	Before	Left Exterior Girder	126.4381	0.95	1	1	27.40583
Annual Permit 2_str	BOBJ1	126.4381	Before	Interior Girder 1	126.4381	0.95	1	1	25.332453
Annual Permit 2_str	BOBJ1	126.4381	Before	Interior Girder 2	126.4381	0.95	1	1	25.332455
Annual Permit 2_str	BOBJ1	126.4381	Before	Right Exterior Girder	126.4381	0.95	1	1	27.405829
Annual Permit 2_str	BOBJ1	126.4381	After	Left Exterior Girder	126.4381	0.95	1	1	16.326422
Annual Permit 2_str	BOBJ1	126.4381	After	Interior Girder 1	126.4381	0.95	1	1	15.304608
Annual Permit 2_str	BOBJ1	126.4381	After	Interior Girder 2	126.4381	0.95	1	1	15.304609
Annual Permit 2_str	BOBJ1	126.4381	After	Right Exterior Girder	126.4381	0.95	1	1	16.326422
Annual Permit 2_str	BOBJ1	135	Before	Left Exterior Girder	135	0.95	1	1	16.194928
Annual Permit 2_str	BOBJ1	135	Before	Interior Girder 1	135	0.95	1	1	15.166286
Annual Permit 2_str	BOBJ1	135	Before	Interior Girder 2	135	0.95	1	1	15.166287
Annual Permit 2_str	BOBJ1	135	Before	Right Exterior Girder	135	0.95	1	1	16.194927
Annual Permit 2_str	BOBJ1	135	After	Left Exterior Girder	135	0.95	1	1	14.765763
Annual Permit 2_str	BOBJ1	135	After	Interior Girder 1	135	0.95	1	1	15.765661
Annual Permit 2_str	BOBJ1	135	After	Interior Girder 2	135	0.95	1	1	15.765662
Annual Permit 2_str	BOBJ1	135	After	Right Exterior Girder	135	0.95	1	1	14.765762
Annual Permit 2_str	BOBJ1	146.25	Before	Left Exterior Girder	146.25	0.95	1	1	14.60711
Annual Permit 2_str	BOBJ1	146.25	Before	Interior Girder 1	146.25	0.95	1	1	15.57569
Annual Permit 2_str	BOBJ1	146.25	Before	Interior Girder 2	146.25	0.95	1	1	15.575691
Annual Permit 2_str	BOBJ1	146.25	Before	Right Exterior Girder	146.25	0.95	1	1	14.607109
Annual Permit 2_str	BOBJ1	146.25	After	Left Exterior Girder	146.25	0.95	1	1	13.385618
Annual Permit 2_str	BOBJ1	146.25	After	Interior Girder 1	146.25	0.95	1	1	13.61983
Annual Permit 2_str	BOBJ1	146.25	After	Interior Girder 2	146.25	0.95	1	1	13.619831
Annual Permit 2_str	BOBJ1	146.25	After	Right Exterior Girder	146.25	0.95	1	1	13.385618
Annual Permit 2_str	BOBJ1	157.5	Before	Left Exterior Girder	157.5	0.95	1	1	13.239369
Annual Permit 2_str	BOBJ1	157.5	Before	Interior Girder 1	157.5	0.95	1	1	13.452921
Annual Permit 2_str	BOBJ1	157.5	Before	Interior Girder 2	157.5	0.95	1	1	13.452922
Annual Permit 2_str	BOBJ1	157.5	Before	Right Exterior Girder	157.5	0.95	1	1	13.239368
Annual Permit 2_str	BOBJ1	157.5	After	Left Exterior Girder	157.5	0.95	1	1	12.113986
Annual Permit 2_str	BOBJ1	157.5	After	Interior Girder 1	157.5	0.95	1	1	13.010398
Annual Permit 2_str	BOBJ1	157.5	After	Interior Girder 2	157.5	0.95	1	1	13.010398
Annual Permit 2_str	BOBJ1	157.5	After	Right Exterior Girder	157.5	0.95	1	1	12.113985
Annual Permit 2_str	BOBJ1	168.2522	Before	Left Exterior Girder	168.2522	0.95	1	1	11.985088
Annual Permit 2_str	BOBJ1	168.2522	Before	Interior Girder 1	168.2522	0.95	1	1	12.855118
Annual Permit 2_str	BOBJ1	168.2522	Before	Interior Girder 2	168.2522	0.95	1	1	12.855118
Annual Permit 2_str	BOBJ1	168.2522	Before	Right Exterior Girder	168.2522	0.95	1	1	11.985088
Annual Permit 2_str	BOBJ1	168.2522	After	Left Exterior Girder	168.2522	0.95	1	1	16.239845
Annual Permit 2_str	BOBJ1	168.2522	After	Interior Girder 1	168.2522	0.95	1	1	16.858305
Annual Permit 2_str	BOBJ1	168.2522	After	Interior Girder 2	168.2522	0.95	1	1	16.858304
Annual Permit 2_str	BOBJ1	168.2522	After	Right Exterior Girder	168.2522	0.95	1	1	16.239845
Annual Permit 2_str	BOBJ1	168.75	Before	Left Exterior Girder	168.75	0.95	1	1	16.233369
Annual Permit 2_str	BOBJ1	168.75	Before	Interior Girder 1	168.75	0.95	1	1	16.851003
Annual Permit 2_str	BOBJ1	168.75	Before	Interior Girder 2	168.75	0.95	1	1	16.851003
Annual Permit 2_str	BOBJ1	168.75	Before	Right Exterior Girder	168.75	0.95	1	1	16.233368
Annual Permit 2_str	BOBJ1	168.75	After	Left Exterior Girder	168.75	0.95	1	1	17.567959
Annual Permit 2_str	BOBJ1	168.75	After	Interior Girder 1	168.75	0.95	1	1	17.621064
Annual Permit 2_str	BOBJ1	168.75	After	Interior Girder 2	168.75	0.95	1	1	17.621063
Annual Permit 2_str	BOBJ1	168.75	After	Right Exterior Girder	168.75	0.95	1	1	17.567958
Annual Permit 2_str	BOBJ1	180	Before	Left Exterior Girder	180	0.95	1	1	17.410234
Annual Permit 2_str	BOBJ1	180	Before	Interior Girder 1	180	0.95	1	1	17.447112
Annual Permit 2_str	BOBJ1	180	Before	Interior Girder 2	180	0.95	1	1	17.447111
Annual Permit 2_str	BOBJ1	180	Before	Right Exterior Girder	180	0.95	1	1	17.410234

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Main Span Girders									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Annual Permit 2_str	BOBJ1	180	After	Left Exterior Girder	180	0.95	1	1	16.148107
Annual Permit 2_str	BOBJ1	180	After	Interior Girder 1	180	0.95	1	1	15.792103
Annual Permit 2_str	BOBJ1	180	After	Interior Girder 2	180	0.95	1	1	15.792102
Annual Permit 2_str	BOBJ1	180	After	Right Exterior Girder	180	0.95	1	1	16.148107
Annual Permit 2_str	BOBJ1	183.1858	Before	Left Exterior Girder	183.1858	0.95	1	1	16.106489
Annual Permit 2_str	BOBJ1	183.1858	Before	Interior Girder 1	183.1858	0.95	1	1	15.747403
Annual Permit 2_str	BOBJ1	183.1858	Before	Interior Girder 2	183.1858	0.95	1	1	15.747402
Annual Permit 2_str	BOBJ1	183.1858	Before	Right Exterior Girder	183.1858	0.95	1	1	16.10649
Annual Permit 2_str	BOBJ1	183.1858	After	Left Exterior Girder	183.1858	0.95	1	1	25.636681
Annual Permit 2_str	BOBJ1	183.1858	After	Interior Girder 1	183.1858	0.95	1	1	24.622822
Annual Permit 2_str	BOBJ1	183.1858	After	Interior Girder 2	183.1858	0.95	1	1	24.622821
Annual Permit 2_str	BOBJ1	183.1858	After	Right Exterior Girder	183.1858	0.95	1	1	25.636682
Annual Permit 2_str	BOBJ1	191.25	Before	Left Exterior Girder	191.25	0.95	1	1	25.503212
Annual Permit 2_str	BOBJ1	191.25	Before	Interior Girder 1	191.25	0.95	1	1	24.484536
Annual Permit 2_str	BOBJ1	191.25	Before	Interior Girder 2	191.25	0.95	1	1	24.484535
Annual Permit 2_str	BOBJ1	191.25	Before	Right Exterior Girder	191.25	0.95	1	1	25.503214
Annual Permit 2_str	BOBJ1	191.25	After	Left Exterior Girder	191.25	0.95	1	1	24.686793
Annual Permit 2_str	BOBJ1	191.25	After	Interior Girder 1	191.25	0.95	1	1	22.350751
Annual Permit 2_str	BOBJ1	191.25	After	Interior Girder 2	191.25	0.95	1	1	22.35075
Annual Permit 2_str	BOBJ1	191.25	After	Right Exterior Girder	191.25	0.95	1	1	24.686794
Annual Permit 2_str	BOBJ1	199.9414	Before	Left Exterior Girder	199.9414	0.95	1	1	24.547285
Annual Permit 2_str	BOBJ1	199.9414	Before	Interior Girder 1	199.9414	0.95	1	1	22.214467
Annual Permit 2_str	BOBJ1	199.9414	Before	Interior Girder 2	199.9414	0.95	1	1	22.214467
Annual Permit 2_str	BOBJ1	199.9414	Before	Right Exterior Girder	199.9414	0.95	1	1	24.547286
Annual Permit 2_str	BOBJ1	199.9414	After	Left Exterior Girder	199.9414	0.95	1	1	31.21738
Annual Permit 2_str	BOBJ1	199.9414	After	Interior Girder 1	199.9414	0.95	1	1	26.37853
Annual Permit 2_str	BOBJ1	199.9414	After	Interior Girder 2	199.9414	0.95	1	1	26.378529
Annual Permit 2_str	BOBJ1	199.9414	After	Right Exterior Girder	199.9414	0.95	1	1	31.217381
Annual Permit 2_str	BOBJ1	202.5	Before	Left Exterior Girder	202.5	0.95	1	1	31.170697
Annual Permit 2_str	BOBJ1	202.5	Before	Interior Girder 1	202.5	0.95	1	1	26.336471
Annual Permit 2_str	BOBJ1	202.5	Before	Interior Girder 2	202.5	0.95	1	1	26.336471
Annual Permit 2_str	BOBJ1	202.5	Before	Right Exterior Girder	202.5	0.95	1	1	31.170698
Annual Permit 2_str	BOBJ1	202.5	After	Left Exterior Girder	202.5	0.95	1	1	31.301567
Annual Permit 2_str	BOBJ1	202.5	After	Interior Girder 1	202.5	0.95	1	1	26.58914
Annual Permit 2_str	BOBJ1	202.5	After	Interior Girder 2	202.5	0.95	1	1	26.58914
Annual Permit 2_str	BOBJ1	202.5	After	Right Exterior Girder	202.5	0.95	1	1	31.301568
Annual Permit 2_str	BOBJ1	210.5642	Before	Left Exterior Girder	210.5642	0.95	1	1	31.153665
Annual Permit 2_str	BOBJ1	210.5642	Before	Interior Girder 1	210.5642	0.95	1	1	26.455065
Annual Permit 2_str	BOBJ1	210.5642	Before	Interior Girder 2	210.5642	0.95	1	1	26.455065
Annual Permit 2_str	BOBJ1	210.5642	Before	Right Exterior Girder	210.5642	0.95	1	1	31.153666
Annual Permit 2_str	BOBJ1	210.5642	After	Left Exterior Girder	210.5642	0.95	1	1	37.734488
Annual Permit 2_str	BOBJ1	210.5642	After	Interior Girder 1	210.5642	0.95	1	1	30.083088
Annual Permit 2_str	BOBJ1	210.5642	After	Interior Girder 2	210.5642	0.95	1	1	30.083088
Annual Permit 2_str	BOBJ1	210.5642	After	Right Exterior Girder	210.5642	0.95	1	1	37.734489
Annual Permit 2_str	BOBJ1	213.75	Before	Left Exterior Girder	213.75	0.95	1	1	37.668924
Annual Permit 2_str	BOBJ1	213.75	Before	Interior Girder 1	213.75	0.95	1	1	30.027779
Annual Permit 2_str	BOBJ1	213.75	Before	Interior Girder 2	213.75	0.95	1	1	30.027778
Annual Permit 2_str	BOBJ1	213.75	Before	Right Exterior Girder	213.75	0.95	1	1	37.668925
Annual Permit 2_str	BOBJ1	213.75	After	Left Exterior Girder	213.75	0.95	1	1	37.557329
Annual Permit 2_str	BOBJ1	213.75	After	Interior Girder 1	213.75	0.95	1	1	29.278931
Annual Permit 2_str	BOBJ1	213.75	After	Interior Girder 2	213.75	0.95	1	1	29.278931
Annual Permit 2_str	BOBJ1	213.75	After	Right Exterior Girder	213.75	0.95	1	1	37.55733
Annual Permit 2_str	BOBJ1	225	Before	Left Exterior Girder	225	0.95	1	1	37.326306
Annual Permit 2_str	BOBJ1	225	Before	Interior Girder 1	225	0.95	1	1	29.088299
Annual Permit 2_str	BOBJ1	225	Before	Interior Girder 2	225	0.95	1	1	29.088299
Annual Permit 2_str	BOBJ1	225	Before	Right Exterior Girder	225	0.95	1	1	37.326307
Annual Permit 2_str	BOBJ1	225	After	Left Exterior Girder	0	0.95	1	1	34.859466
Annual Permit 2_str	BOBJ1	225	After	Interior Girder 1	0	0.95	1	1	26.9536
Annual Permit 2_str	BOBJ1	225	After	Interior Girder 2	0	0.95	1	1	26.9536
Annual Permit 2_str	BOBJ1	225	After	Right Exterior Girder	0	0.95	1	1	34.859465
Annual Permit 2_str	BOBJ1	236.45	Before	Left Exterior Girder	11.45	0.95	1	1	35.715151
Annual Permit 2_str	BOBJ1	236.45	Before	Interior Girder 1	11.45	0.95	1	1	28.921651
Annual Permit 2_str	BOBJ1	236.45	Before	Interior Girder 2	11.45	0.95	1	1	28.921651
Annual Permit 2_str	BOBJ1	236.45	Before	Right Exterior Girder	11.45	0.95	1	1	35.71515
Annual Permit 2_str	BOBJ1	236.45	After	Left Exterior Girder	11.45	0.95	1	1	35.762003
Annual Permit 2_str	BOBJ1	236.45	After	Interior Girder 1	11.45	0.95	1	1	29.405442
Annual Permit 2_str	BOBJ1	236.45	After	Interior Girder 2	11.45	0.95	1	1	29.405442
Annual Permit 2_str	BOBJ1	236.45	After	Right Exterior Girder	11.45	0.95	1	1	35.762003

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Main Span Girders									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Annual Permit 2_str	BOBJ1	239.5082	Before	Left Exterior Girder	14.5082	0.95	1	1	35.822383
Annual Permit 2_str	BOBJ1	239.5082	Before	Interior Girder 1	14.5082	0.95	1	1	29.457957
Annual Permit 2_str	BOBJ1	239.5082	Before	Interior Girder 2	14.5082	0.95	1	1	29.457957
Annual Permit 2_str	BOBJ1	239.5082	Before	Right Exterior Girder	14.5082	0.95	1	1	35.822382
Annual Permit 2_str	BOBJ1	239.5082	After	Left Exterior Girder	14.5082	0.95	1	1	29.445426
Annual Permit 2_str	BOBJ1	239.5082	After	Interior Girder 1	14.5082	0.95	1	1	25.846846
Annual Permit 2_str	BOBJ1	239.5082	After	Interior Girder 2	14.5082	0.95	1	1	25.846846
Annual Permit 2_str	BOBJ1	239.5082	After	Right Exterior Girder	14.5082	0.95	1	1	29.445425
Annual Permit 2_str	BOBJ1	247.9	Before	Left Exterior Girder	22.9	0.95	1	1	29.592811
Annual Permit 2_str	BOBJ1	247.9	Before	Interior Girder 1	22.9	0.95	1	1	25.984892
Annual Permit 2_str	BOBJ1	247.9	Before	Interior Girder 2	22.9	0.95	1	1	25.984892
Annual Permit 2_str	BOBJ1	247.9	Before	Right Exterior Girder	22.9	0.95	1	1	29.592811
Annual Permit 2_str	BOBJ1	247.9	After	Left Exterior Girder	22.9	0.95	1	1	30.917482
Annual Permit 2_str	BOBJ1	247.9	After	Interior Girder 1	22.9	0.95	1	1	28.347343
Annual Permit 2_str	BOBJ1	247.9	After	Interior Girder 2	22.9	0.95	1	1	28.347344
Annual Permit 2_str	BOBJ1	247.9	After	Right Exterior Girder	22.9	0.95	1	1	30.917481
Annual Permit 2_str	BOBJ1	258.5189	Before	Left Exterior Girder	33.5189	0.95	1	1	31.111887
Annual Permit 2_str	BOBJ1	258.5189	Before	Interior Girder 1	33.5189	0.95	1	1	28.537524
Annual Permit 2_str	BOBJ1	258.5189	Before	Interior Girder 2	33.5189	0.95	1	1	28.537524
Annual Permit 2_str	BOBJ1	258.5189	Before	Right Exterior Girder	33.5189	0.95	1	1	31.111886
Annual Permit 2_str	BOBJ1	258.5189	After	Left Exterior Girder	33.5189	0.95	1	1	22.963125
Annual Permit 2_str	BOBJ1	258.5189	After	Interior Girder 1	33.5189	0.95	1	1	22.709104
Annual Permit 2_str	BOBJ1	258.5189	After	Interior Girder 2	33.5189	0.95	1	1	22.709104
Annual Permit 2_str	BOBJ1	258.5189	After	Right Exterior Girder	33.5189	0.95	1	1	22.963124
Annual Permit 2_str	BOBJ1	259.3	Before	Left Exterior Girder	34.3	0.95	1	1	22.975006
Annual Permit 2_str	BOBJ1	259.3	Before	Interior Girder 1	34.3	0.95	1	1	22.721694
Annual Permit 2_str	BOBJ1	259.3	Before	Interior Girder 2	34.3	0.95	1	1	22.721695
Annual Permit 2_str	BOBJ1	259.3	Before	Right Exterior Girder	34.3	0.95	1	1	22.975005
Annual Permit 2_str	BOBJ1	259.3	After	Left Exterior Girder	34.3	0.95	1	1	24.035497
Annual Permit 2_str	BOBJ1	259.3	After	Interior Girder 1	34.3	0.95	1	1	23.182847
Annual Permit 2_str	BOBJ1	259.3	After	Interior Girder 2	34.3	0.95	1	1	23.182847
Annual Permit 2_str	BOBJ1	259.3	After	Right Exterior Girder	34.3	0.95	1	1	24.035496
Annual Permit 2_str	BOBJ1	266.1031	Before	Left Exterior Girder	41.1031	0.95	1	1	24.143299
Annual Permit 2_str	BOBJ1	266.1031	Before	Interior Girder 1	41.1031	0.95	1	1	23.295005
Annual Permit 2_str	BOBJ1	266.1031	Before	Interior Girder 2	41.1031	0.95	1	1	23.295006
Annual Permit 2_str	BOBJ1	266.1031	Before	Right Exterior Girder	41.1031	0.95	1	1	24.143299
Annual Permit 2_str	BOBJ1	266.1031	After	Left Exterior Girder	41.1031	0.95	1	1	15.18328
Annual Permit 2_str	BOBJ1	266.1031	After	Interior Girder 1	41.1031	0.95	1	1	15.082398
Annual Permit 2_str	BOBJ1	266.1031	After	Interior Girder 2	41.1031	0.95	1	1	15.082398
Annual Permit 2_str	BOBJ1	266.1031	After	Right Exterior Girder	41.1031	0.95	1	1	15.183279
Annual Permit 2_str	BOBJ1	270.7	Before	Left Exterior Girder	45.7	0.95	1	1	15.241371
Annual Permit 2_str	BOBJ1	270.7	Before	Interior Girder 1	45.7	0.95	1	1	15.145819
Annual Permit 2_str	BOBJ1	270.7	Before	Interior Girder 2	45.7	0.95	1	1	15.14582
Annual Permit 2_str	BOBJ1	270.7	Before	Right Exterior Girder	45.7	0.95	1	1	15.24137
Annual Permit 2_str	BOBJ1	270.7	After	Left Exterior Girder	45.7	0.95	1	1	15.456488
Annual Permit 2_str	BOBJ1	270.7	After	Interior Girder 1	45.7	0.95	1	1	14.687252
Annual Permit 2_str	BOBJ1	270.7	After	Interior Girder 2	45.7	0.95	1	1	14.687252
Annual Permit 2_str	BOBJ1	270.7	After	Right Exterior Girder	45.7	0.95	1	1	15.456487
Annual Permit 2_str	BOBJ1	273.6874	Before	Left Exterior Girder	48.6874	0.95	1	1	15.4947
Annual Permit 2_str	BOBJ1	273.6874	Before	Interior Girder 1	48.6874	0.95	1	1	14.727096
Annual Permit 2_str	BOBJ1	273.6874	Before	Interior Girder 2	48.6874	0.95	1	1	14.727096
Annual Permit 2_str	BOBJ1	273.6874	Before	Right Exterior Girder	48.6874	0.95	1	1	15.494699
Annual Permit 2_str	BOBJ1	273.6874	After	Left Exterior Girder	48.6874	0.95	1	1	10.232904
Annual Permit 2_str	BOBJ1	273.6874	After	Interior Girder 1	48.6874	0.95	1	1	10.322039
Annual Permit 2_str	BOBJ1	273.6874	After	Interior Girder 2	48.6874	0.95	1	1	10.322039
Annual Permit 2_str	BOBJ1	273.6874	After	Right Exterior Girder	48.6874	0.95	1	1	10.232904
Annual Permit 2_str	BOBJ1	282.15	Before	Left Exterior Girder	57.15	0.95	1	1	10.324458
Annual Permit 2_str	BOBJ1	282.15	Before	Interior Girder 1	57.15	0.95	1	1	10.42563
Annual Permit 2_str	BOBJ1	282.15	Before	Interior Girder 2	57.15	0.95	1	1	10.42563
Annual Permit 2_str	BOBJ1	282.15	Before	Right Exterior Girder	57.15	0.95	1	1	10.324457
Annual Permit 2_str	BOBJ1	282.15	After	Left Exterior Girder	57.15	0.95	1	1	10.574674
Annual Permit 2_str	BOBJ1	282.15	After	Interior Girder 1	57.15	0.95	1	1	10.942921
Annual Permit 2_str	BOBJ1	282.15	After	Interior Girder 2	57.15	0.95	1	1	10.942921
Annual Permit 2_str	BOBJ1	282.15	After	Right Exterior Girder	57.15	0.95	1	1	10.574673
Annual Permit 2_str	BOBJ1	293.6	Before	Left Exterior Girder	68.6	0.95	1	1	11.065301
Annual Permit 2_str	BOBJ1	293.6	Before	Interior Girder 1	68.6	0.95	1	1	11.873341
Annual Permit 2_str	BOBJ1	293.6	Before	Interior Girder 2	68.6	0.95	1	1	11.873341
Annual Permit 2_str	BOBJ1	293.6	Before	Right Exterior Girder	68.6	0.95	1	1	11.065301

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Main Span Girders									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Annual Permit 2_str	BOBJ1	293.6	After	Left Exterior Girder	68.6	0.95	1	1	11.492383
Annual Permit 2_str	BOBJ1	293.6	After	Interior Girder 1	68.6	0.95	1	1	11.368295
Annual Permit 2_str	BOBJ1	293.6	After	Interior Girder 2	68.6	0.95	1	1	11.368295
Annual Permit 2_str	BOBJ1	293.6	After	Right Exterior Girder	68.6	0.95	1	1	11.492384
Annual Permit 2_str	BOBJ1	305	Before	Left Exterior Girder	80	0.95	1	1	12.095384
Annual Permit 2_str	BOBJ1	305	Before	Interior Girder 1	80	0.95	1	1	12.263809
Annual Permit 2_str	BOBJ1	305	Before	Interior Girder 2	80	0.95	1	1	12.26381
Annual Permit 2_str	BOBJ1	305	Before	Right Exterior Girder	80	0.95	1	1	12.095384
Annual Permit 2_str	BOBJ1	305	After	Left Exterior Girder	80	0.95	1	1	11.856428
Annual Permit 2_str	BOBJ1	305	After	Interior Girder 1	80	0.95	1	1	12.182148
Annual Permit 2_str	BOBJ1	305	After	Interior Girder 2	80	0.95	1	1	12.182147
Annual Permit 2_str	BOBJ1	305	After	Right Exterior Girder	80	0.95	1	1	11.856429
Annual Permit 2_str	BOBJ1	306.9561	Before	Left Exterior Girder	81.9561	0.95	1	1	11.879833
Annual Permit 2_str	BOBJ1	306.9561	Before	Interior Girder 1	81.9561	0.95	1	1	12.208924
Annual Permit 2_str	BOBJ1	306.9561	Before	Interior Girder 2	81.9561	0.95	1	1	12.208924
Annual Permit 2_str	BOBJ1	306.9561	Before	Right Exterior Girder	81.9561	0.95	1	1	11.879834
Annual Permit 2_str	BOBJ1	306.9561	After	Left Exterior Girder	81.9561	0.95	1	1	21.752124
Annual Permit 2_str	BOBJ1	306.9561	After	Interior Girder 1	81.9561	0.95	1	1	23.261323
Annual Permit 2_str	BOBJ1	306.9561	After	Interior Girder 2	81.9561	0.95	1	1	23.261323
Annual Permit 2_str	BOBJ1	306.9561	After	Right Exterior Girder	81.9561	0.95	1	1	21.752126
Annual Permit 2_str	BOBJ1	316.4	Before	Left Exterior Girder	91.4	0.95	1	1	21.90857
Annual Permit 2_str	BOBJ1	316.4	Before	Interior Girder 1	91.4	0.95	1	1	23.44468
Annual Permit 2_str	BOBJ1	316.4	Before	Interior Girder 2	91.4	0.95	1	1	23.44468
Annual Permit 2_str	BOBJ1	316.4	Before	Right Exterior Girder	91.4	0.95	1	1	21.908572
Annual Permit 2_str	BOBJ1	316.4	After	Left Exterior Girder	91.4	0.95	1	1	22.91629
Annual Permit 2_str	BOBJ1	316.4	After	Interior Girder 1	91.4	0.95	1	1	21.702113
Annual Permit 2_str	BOBJ1	316.4	After	Interior Girder 2	91.4	0.95	1	1	21.702113
Annual Permit 2_str	BOBJ1	316.4	After	Right Exterior Girder	91.4	0.95	1	1	22.916291
Annual Permit 2_str	BOBJ1	327.85	Before	Left Exterior Girder	102.9679	0.95	1	1	24.117605
Annual Permit 2_str	BOBJ1	327.85	Before	Interior Girder 1	102.9679	0.95	1	1	23.437637
Annual Permit 2_str	BOBJ1	327.85	Before	Interior Girder 2	102.9679	0.95	1	1	23.437637
Annual Permit 2_str	BOBJ1	327.85	Before	Right Exterior Girder	102.9679	0.95	1	1	24.117606
Annual Permit 2_str	BOBJ1	327.85	After	Left Exterior Girder	102.9679	0.95	1	1	38.100044
Annual Permit 2_str	BOBJ1	327.85	After	Interior Girder 1	102.9679	0.95	1	1	37.391091
Annual Permit 2_str	BOBJ1	327.85	After	Interior Girder 2	102.9679	0.95	1	1	37.391092
Annual Permit 2_str	BOBJ1	327.85	After	Right Exterior Girder	102.9679	0.95	1	1	38.100045
Annual Permit 2_str	BOBJ1	339.3	Before	Left Exterior Girder	114.3	0.95	1	1	40.121452
Annual Permit 2_str	BOBJ1	339.3	Before	Interior Girder 1	114.3	0.95	1	1	40.324097
Annual Permit 2_str	BOBJ1	339.3	Before	Interior Girder 2	114.3	0.95	1	1	40.324097
Annual Permit 2_str	BOBJ1	339.3	Before	Right Exterior Girder	114.3	0.95	1	1	40.121453
Annual Permit 2_str	BOBJ1	339.3	After	Left Exterior Girder	114.3	0.95	1	1	42.147389
Annual Permit 2_str	BOBJ1	339.3	After	Interior Girder 1	114.3	0.95	1	1	37.046186
Annual Permit 2_str	BOBJ1	339.3	After	Interior Girder 2	114.3	0.95	1	1	37.046186
Annual Permit 2_str	BOBJ1	339.3	After	Right Exterior Girder	114.3	0.95	1	1	42.147388
Annual Permit 2_str	BOBJ1	350.7	Before	Left Exterior Girder	125.7	0.95	1	1	44.562524
Annual Permit 2_str	BOBJ1	350.7	Before	Interior Girder 1	125.7	0.95	1	1	40.004348
Annual Permit 2_str	BOBJ1	350.7	Before	Interior Girder 2	125.7	0.95	1	1	40.004347
Annual Permit 2_str	BOBJ1	350.7	Before	Right Exterior Girder	125.7	0.95	1	1	44.562523
Annual Permit 2_str	BOBJ1	350.7	After	Left Exterior Girder	125.7	0.95	1	1	46.345726
Annual Permit 2_str	BOBJ1	350.7	After	Interior Girder 1	125.7	0.95	1	1	41.765948
Annual Permit 2_str	BOBJ1	350.7	After	Interior Girder 2	125.7	0.95	1	1	41.765948
Annual Permit 2_str	BOBJ1	350.7	After	Right Exterior Girder	125.7	0.95	1	1	46.345726
Annual Permit 2_str	BOBJ1	362.1	Before	Left Exterior Girder	137.1	0.95	1	1	49.232557
Annual Permit 2_str	BOBJ1	362.1	Before	Interior Girder 1	137.1	0.95	1	1	45.230278
Annual Permit 2_str	BOBJ1	362.1	Before	Interior Girder 2	137.1	0.95	1	1	45.230279
Annual Permit 2_str	BOBJ1	362.1	Before	Right Exterior Girder	137.1	0.95	1	1	49.232557
Annual Permit 2_str	BOBJ1	362.1	After	Left Exterior Girder	137.1	0.95	1	1	52.254106
Annual Permit 2_str	BOBJ1	362.1	After	Interior Girder 1	137.1	0.95	1	1	41.064247
Annual Permit 2_str	BOBJ1	362.1	After	Interior Girder 2	137.1	0.95	1	1	41.064249
Annual Permit 2_str	BOBJ1	362.1	After	Right Exterior Girder	137.1	0.95	1	1	52.254103
Annual Permit 2_str	BOBJ1	373.55	Before	Left Exterior Girder	148.55	0.95	1	1	55.849429
Annual Permit 2_str	BOBJ1	373.55	Before	Interior Girder 1	148.55	0.95	1	1	44.558804
Annual Permit 2_str	BOBJ1	373.55	Before	Interior Girder 2	148.55	0.95	1	1	44.558805
Annual Permit 2_str	BOBJ1	373.55	Before	Right Exterior Girder	148.55	0.95	1	1	55.849425
Annual Permit 2_str	BOBJ1	373.55	After	Left Exterior Girder	148.55	0.95	1	1	58.591638
Annual Permit 2_str	BOBJ1	373.55	After	Interior Girder 1	148.55	0.95	1	1	46.70207
Annual Permit 2_str	BOBJ1	373.55	After	Interior Girder 2	148.55	0.95	1	1	46.70207
Annual Permit 2_str	BOBJ1	373.55	After	Right Exterior Girder	148.55	0.95	1	1	58.591634

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Main Span Girders									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Annual Permit 2_str	BOBJ1	385	Before	Left Exterior Girder	160	0.95	1	1	63.032859
Annual Permit 2_str	BOBJ1	385	Before	Interior Girder 1	160	0.95	1	1	45.87042
Annual Permit 2_str	BOBJ1	385	Before	Interior Girder 2	160	0.95	1	1	45.870417
Annual Permit 2_str	BOBJ1	385	Before	Right Exterior Girder	160	0.95	1	1	63.032853
Annual Permit 2_str	BOBJ1	385	After	Left Exterior Girder	160	0.95	1	1	63.032853
Annual Permit 2_str	BOBJ1	385	After	Interior Girder 1	160	0.95	1	1	45.870413
Annual Permit 2_str	BOBJ1	385	After	Interior Girder 2	160	0.95	1	1	45.870416
Annual Permit 2_str	BOBJ1	385	After	Right Exterior Girder	160	0.95	1	1	63.032859
Annual Permit 2_str	BOBJ1	396.45	Before	Left Exterior Girder	171.45	0.95	1	1	58.591634
Annual Permit 2_str	BOBJ1	396.45	Before	Interior Girder 1	171.45	0.95	1	1	46.702074
Annual Permit 2_str	BOBJ1	396.45	Before	Interior Girder 2	171.45	0.95	1	1	46.702073
Annual Permit 2_str	BOBJ1	396.45	Before	Right Exterior Girder	171.45	0.95	1	1	58.591638
Annual Permit 2_str	BOBJ1	396.45	After	Left Exterior Girder	171.45	0.95	1	1	55.849424
Annual Permit 2_str	BOBJ1	396.45	After	Interior Girder 1	171.45	0.95	1	1	44.558808
Annual Permit 2_str	BOBJ1	396.45	After	Interior Girder 2	171.45	0.95	1	1	44.558807
Annual Permit 2_str	BOBJ1	396.45	After	Right Exterior Girder	171.45	0.95	1	1	55.849428
Annual Permit 2_str	BOBJ1	407.9	Before	Left Exterior Girder	182.9	0.95	1	1	52.254101
Annual Permit 2_str	BOBJ1	407.9	Before	Interior Girder 1	182.9	0.95	1	1	41.064253
Annual Permit 2_str	BOBJ1	407.9	Before	Interior Girder 2	182.9	0.95	1	1	41.06425
Annual Permit 2_str	BOBJ1	407.9	Before	Right Exterior Girder	182.9	0.95	1	1	52.254105
Annual Permit 2_str	BOBJ1	407.9	After	Left Exterior Girder	182.9	0.95	1	1	49.232554
Annual Permit 2_str	BOBJ1	407.9	After	Interior Girder 1	182.9	0.95	1	1	45.230284
Annual Permit 2_str	BOBJ1	407.9	After	Interior Girder 2	182.9	0.95	1	1	45.23028
Annual Permit 2_str	BOBJ1	407.9	After	Right Exterior Girder	182.9	0.95	1	1	49.232555
Annual Permit 2_str	BOBJ1	419.3	Before	Left Exterior Girder	194.3	0.95	1	1	46.345723
Annual Permit 2_str	BOBJ1	419.3	Before	Interior Girder 1	194.3	0.95	1	1	41.765952
Annual Permit 2_str	BOBJ1	419.3	Before	Interior Girder 2	194.3	0.95	1	1	41.76595
Annual Permit 2_str	BOBJ1	419.3	Before	Right Exterior Girder	194.3	0.95	1	1	46.345725
Annual Permit 2_str	BOBJ1	419.3	After	Left Exterior Girder	194.3	0.95	1	1	44.56252
Annual Permit 2_str	BOBJ1	419.3	After	Interior Girder 1	194.3	0.95	1	1	40.004351
Annual Permit 2_str	BOBJ1	419.3	After	Interior Girder 2	194.3	0.95	1	1	40.004349
Annual Permit 2_str	BOBJ1	419.3	After	Right Exterior Girder	194.3	0.95	1	1	44.562523
Annual Permit 2_str	BOBJ1	430.7	Before	Left Exterior Girder	205.7	0.95	1	1	42.147386
Annual Permit 2_str	BOBJ1	430.7	Before	Interior Girder 1	205.7	0.95	1	1	37.04619
Annual Permit 2_str	BOBJ1	430.7	Before	Interior Girder 2	205.7	0.95	1	1	37.046187
Annual Permit 2_str	BOBJ1	430.7	Before	Right Exterior Girder	205.7	0.95	1	1	42.147388
Annual Permit 2_str	BOBJ1	430.7	After	Left Exterior Girder	205.7	0.95	1	1	40.121452
Annual Permit 2_str	BOBJ1	430.7	After	Interior Girder 1	205.7	0.95	1	1	40.3241
Annual Permit 2_str	BOBJ1	430.7	After	Interior Girder 2	205.7	0.95	1	1	40.324097
Annual Permit 2_str	BOBJ1	430.7	After	Right Exterior Girder	205.7	0.95	1	1	40.121455
Annual Permit 2_str	BOBJ1	442.15	Before	Left Exterior Girder	217.0321	0.95	1	1	38.100044
Annual Permit 2_str	BOBJ1	442.15	Before	Interior Girder 1	217.0321	0.95	1	1	37.391093
Annual Permit 2_str	BOBJ1	442.15	Before	Interior Girder 2	217.0321	0.95	1	1	37.391091
Annual Permit 2_str	BOBJ1	442.15	Before	Right Exterior Girder	217.0321	0.95	1	1	38.100047
Annual Permit 2_str	BOBJ1	442.15	After	Left Exterior Girder	217.0321	0.95	1	1	24.117605
Annual Permit 2_str	BOBJ1	442.15	After	Interior Girder 1	217.0321	0.95	1	1	23.437638
Annual Permit 2_str	BOBJ1	442.15	After	Interior Girder 2	217.0321	0.95	1	1	23.437637
Annual Permit 2_str	BOBJ1	442.15	After	Right Exterior Girder	217.0321	0.95	1	1	24.117607
Annual Permit 2_str	BOBJ1	453.6	Before	Left Exterior Girder	228.6	0.95	1	1	22.91629
Annual Permit 2_str	BOBJ1	453.6	Before	Interior Girder 1	228.6	0.95	1	1	21.702115
Annual Permit 2_str	BOBJ1	453.6	Before	Interior Girder 2	228.6	0.95	1	1	21.702113
Annual Permit 2_str	BOBJ1	453.6	Before	Right Exterior Girder	228.6	0.95	1	1	22.916292
Annual Permit 2_str	BOBJ1	453.6	After	Left Exterior Girder	228.6	0.95	1	1	21.908571
Annual Permit 2_str	BOBJ1	453.6	After	Interior Girder 1	228.6	0.95	1	1	23.444681
Annual Permit 2_str	BOBJ1	453.6	After	Interior Girder 2	228.6	0.95	1	1	23.44468
Annual Permit 2_str	BOBJ1	453.6	After	Right Exterior Girder	228.6	0.95	1	1	21.908571
Annual Permit 2_str	BOBJ1	463.0439	Before	Left Exterior Girder	238.0439	0.95	1	1	21.752125
Annual Permit 2_str	BOBJ1	463.0439	Before	Interior Girder 1	238.0439	0.95	1	1	23.261324
Annual Permit 2_str	BOBJ1	463.0439	Before	Interior Girder 2	238.0439	0.95	1	1	23.261323
Annual Permit 2_str	BOBJ1	463.0439	Before	Right Exterior Girder	238.0439	0.95	1	1	21.752125
Annual Permit 2_str	BOBJ1	463.0439	After	Left Exterior Girder	238.0439	0.95	1	1	11.879833
Annual Permit 2_str	BOBJ1	463.0439	After	Interior Girder 1	238.0439	0.95	1	1	12.208924
Annual Permit 2_str	BOBJ1	463.0439	After	Interior Girder 2	238.0439	0.95	1	1	12.208924
Annual Permit 2_str	BOBJ1	463.0439	After	Right Exterior Girder	238.0439	0.95	1	1	11.879833
Annual Permit 2_str	BOBJ1	465	Before	Left Exterior Girder	240	0.95	1	1	11.856429
Annual Permit 2_str	BOBJ1	465	Before	Interior Girder 1	240	0.95	1	1	12.182148
Annual Permit 2_str	BOBJ1	465	Before	Interior Girder 2	240	0.95	1	1	12.182148
Annual Permit 2_str	BOBJ1	465	Before	Right Exterior Girder	240	0.95	1	1	11.856429

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Main Span Girders									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Annual Permit 2_str	BOBJ1	465	After	Left Exterior Girder	240	0.95	1	1	12.095384
Annual Permit 2_str	BOBJ1	465	After	Interior Girder 1	240	0.95	1	1	12.26381
Annual Permit 2_str	BOBJ1	465	After	Interior Girder 2	240	0.95	1	1	12.263809
Annual Permit 2_str	BOBJ1	465	After	Right Exterior Girder	240	0.95	1	1	12.095384
Annual Permit 2_str	BOBJ1	476.4	Before	Left Exterior Girder	251.4	0.95	1	1	11.492383
Annual Permit 2_str	BOBJ1	476.4	Before	Interior Girder 1	251.4	0.95	1	1	11.368295
Annual Permit 2_str	BOBJ1	476.4	Before	Interior Girder 2	251.4	0.95	1	1	11.368295
Annual Permit 2_str	BOBJ1	476.4	Before	Right Exterior Girder	251.4	0.95	1	1	11.492383
Annual Permit 2_str	BOBJ1	476.4	After	Left Exterior Girder	251.4	0.95	1	1	11.065301
Annual Permit 2_str	BOBJ1	476.4	After	Interior Girder 1	251.4	0.95	1	1	11.873342
Annual Permit 2_str	BOBJ1	476.4	After	Interior Girder 2	251.4	0.95	1	1	11.873342
Annual Permit 2_str	BOBJ1	476.4	After	Right Exterior Girder	251.4	0.95	1	1	11.065301
Annual Permit 2_str	BOBJ1	487.85	Before	Left Exterior Girder	262.85	0.95	1	1	10.574673
Annual Permit 2_str	BOBJ1	487.85	Before	Interior Girder 1	262.85	0.95	1	1	10.942921
Annual Permit 2_str	BOBJ1	487.85	Before	Interior Girder 2	262.85	0.95	1	1	10.942922
Annual Permit 2_str	BOBJ1	487.85	Before	Right Exterior Girder	262.85	0.95	1	1	10.574673
Annual Permit 2_str	BOBJ1	487.85	After	Left Exterior Girder	262.85	0.95	1	1	10.324457
Annual Permit 2_str	BOBJ1	487.85	After	Interior Girder 1	262.85	0.95	1	1	10.42563
Annual Permit 2_str	BOBJ1	487.85	After	Interior Girder 2	262.85	0.95	1	1	10.42563
Annual Permit 2_str	BOBJ1	487.85	After	Right Exterior Girder	262.85	0.95	1	1	10.324457
Annual Permit 2_str	BOBJ1	496.3126	Before	Left Exterior Girder	271.3126	0.95	1	1	10.232904
Annual Permit 2_str	BOBJ1	496.3126	Before	Interior Girder 1	271.3126	0.95	1	1	10.322039
Annual Permit 2_str	BOBJ1	496.3126	Before	Interior Girder 2	271.3126	0.95	1	1	10.322039
Annual Permit 2_str	BOBJ1	496.3126	Before	Right Exterior Girder	271.3126	0.95	1	1	10.232903
Annual Permit 2_str	BOBJ1	496.3126	After	Left Exterior Girder	271.3126	0.95	1	1	15.494699
Annual Permit 2_str	BOBJ1	496.3126	After	Interior Girder 1	271.3126	0.95	1	1	14.727096
Annual Permit 2_str	BOBJ1	496.3126	After	Interior Girder 2	271.3126	0.95	1	1	14.727097
Annual Permit 2_str	BOBJ1	496.3126	After	Right Exterior Girder	271.3126	0.95	1	1	15.494699
Annual Permit 2_str	BOBJ1	499.3	Before	Left Exterior Girder	274.3	0.95	1	1	15.456487
Annual Permit 2_str	BOBJ1	499.3	Before	Interior Girder 1	274.3	0.95	1	1	14.687253
Annual Permit 2_str	BOBJ1	499.3	Before	Interior Girder 2	274.3	0.95	1	1	14.687253
Annual Permit 2_str	BOBJ1	499.3	Before	Right Exterior Girder	274.3	0.95	1	1	15.456487
Annual Permit 2_str	BOBJ1	499.3	After	Left Exterior Girder	274.3	0.95	1	1	15.241371
Annual Permit 2_str	BOBJ1	499.3	After	Interior Girder 1	274.3	0.95	1	1	15.14582
Annual Permit 2_str	BOBJ1	499.3	After	Interior Girder 2	274.3	0.95	1	1	15.145821
Annual Permit 2_str	BOBJ1	499.3	After	Right Exterior Girder	274.3	0.95	1	1	15.24137
Annual Permit 2_str	BOBJ1	503.8969	Before	Left Exterior Girder	278.8969	0.95	1	1	15.18328
Annual Permit 2_str	BOBJ1	503.8969	Before	Interior Girder 1	278.8969	0.95	1	1	15.082398
Annual Permit 2_str	BOBJ1	503.8969	Before	Interior Girder 2	278.8969	0.95	1	1	15.082399
Annual Permit 2_str	BOBJ1	503.8969	Before	Right Exterior Girder	278.8969	0.95	1	1	15.183279
Annual Permit 2_str	BOBJ1	503.8969	After	Left Exterior Girder	278.8969	0.95	1	1	24.143299
Annual Permit 2_str	BOBJ1	503.8969	After	Interior Girder 1	278.8969	0.95	1	1	23.295006
Annual Permit 2_str	BOBJ1	503.8969	After	Interior Girder 2	278.8969	0.95	1	1	23.295007
Annual Permit 2_str	BOBJ1	503.8969	After	Right Exterior Girder	278.8969	0.95	1	1	24.143298
Annual Permit 2_str	BOBJ1	510.7	Before	Left Exterior Girder	285.7	0.95	1	1	24.035497
Annual Permit 2_str	BOBJ1	510.7	Before	Interior Girder 1	285.7	0.95	1	1	23.182847
Annual Permit 2_str	BOBJ1	510.7	Before	Interior Girder 2	285.7	0.95	1	1	23.182848
Annual Permit 2_str	BOBJ1	510.7	Before	Right Exterior Girder	285.7	0.95	1	1	24.035495
Annual Permit 2_str	BOBJ1	510.7	After	Left Exterior Girder	285.7	0.95	1	1	22.350055
Annual Permit 2_str	BOBJ1	510.7	After	Interior Girder 1	285.7	0.95	1	1	20.828772
Annual Permit 2_str	BOBJ1	510.7	After	Interior Girder 2	285.7	0.95	1	1	20.828773
Annual Permit 2_str	BOBJ1	510.7	After	Right Exterior Girder	285.7	0.95	1	1	22.350053
Annual Permit 2_str	BOBJ1	511.4811	Before	Left Exterior Girder	286.4811	0.95	1	1	22.338496
Annual Permit 2_str	BOBJ1	511.4811	Before	Interior Girder 1	286.4811	0.95	1	1	20.81723
Annual Permit 2_str	BOBJ1	511.4811	Before	Interior Girder 2	286.4811	0.95	1	1	20.817231
Annual Permit 2_str	BOBJ1	511.4811	Before	Right Exterior Girder	286.4811	0.95	1	1	22.338495
Annual Permit 2_str	BOBJ1	511.4811	After	Left Exterior Girder	286.4811	0.95	1	1	31.193753
Annual Permit 2_str	BOBJ1	511.4811	After	Interior Girder 1	286.4811	0.95	1	1	28.77387
Annual Permit 2_str	BOBJ1	511.4811	After	Interior Girder 2	286.4811	0.95	1	1	28.773872
Annual Permit 2_str	BOBJ1	511.4811	After	Right Exterior Girder	286.4811	0.95	1	1	31.193752
Annual Permit 2_str	BOBJ1	522.1	Before	Left Exterior Girder	297.1	0.95	1	1	30.998837
Annual Permit 2_str	BOBJ1	522.1	Before	Interior Girder 1	297.1	0.95	1	1	28.582115
Annual Permit 2_str	BOBJ1	522.1	Before	Interior Girder 2	297.1	0.95	1	1	28.582116
Annual Permit 2_str	BOBJ1	522.1	Before	Right Exterior Girder	297.1	0.95	1	1	30.998835
Annual Permit 2_str	BOBJ1	522.1	After	Left Exterior Girder	297.1	0.95	1	1	29.593068
Annual Permit 2_str	BOBJ1	522.1	After	Interior Girder 1	297.1	0.95	1	1	25.984893
Annual Permit 2_str	BOBJ1	522.1	After	Interior Girder 2	297.1	0.95	1	1	25.984893
Annual Permit 2_str	BOBJ1	522.1	After	Right Exterior Girder	297.1	0.95	1	1	29.593067

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Main Span Girders									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Annual Permit 2_str	BOBJ1	530.4918	Before	Left Exterior Girder	305.4918	0.95	1	1	29.445681
Annual Permit 2_str	BOBJ1	530.4918	Before	Interior Girder 1	305.4918	0.95	1	1	25.846847
Annual Permit 2_str	BOBJ1	530.4918	Before	Interior Girder 2	305.4918	0.95	1	1	25.846847
Annual Permit 2_str	BOBJ1	530.4918	Before	Right Exterior Girder	305.4918	0.95	1	1	29.44568
Annual Permit 2_str	BOBJ1	530.4918	After	Left Exterior Girder	305.4918	0.95	1	1	35.819842
Annual Permit 2_str	BOBJ1	530.4918	After	Interior Girder 1	305.4918	0.95	1	1	29.454044
Annual Permit 2_str	BOBJ1	530.4918	After	Interior Girder 2	305.4918	0.95	1	1	29.454045
Annual Permit 2_str	BOBJ1	530.4918	After	Right Exterior Girder	305.4918	0.95	1	1	35.819841
Annual Permit 2_str	BOBJ1	533.55	Before	Left Exterior Girder	308.55	0.95	1	1	35.759467
Annual Permit 2_str	BOBJ1	533.55	Before	Interior Girder 1	308.55	0.95	1	1	29.401536
Annual Permit 2_str	BOBJ1	533.55	Before	Interior Girder 2	308.55	0.95	1	1	29.401536
Annual Permit 2_str	BOBJ1	533.55	Before	Right Exterior Girder	308.55	0.95	1	1	35.759466
Annual Permit 2_str	BOBJ1	533.55	After	Left Exterior Girder	308.55	0.95	1	1	35.713887
Annual Permit 2_str	BOBJ1	533.55	After	Interior Girder 1	308.55	0.95	1	1	28.916138
Annual Permit 2_str	BOBJ1	533.55	After	Interior Girder 2	308.55	0.95	1	1	28.916139
Annual Permit 2_str	BOBJ1	533.55	After	Right Exterior Girder	308.55	0.95	1	1	35.713886
Annual Permit 2_str	BOBJ1	545	Before	Left Exterior Girder	320	0.95	1	1	34.859432
Annual Permit 2_str	BOBJ1	545	Before	Interior Girder 1	320	0.95	1	1	26.953526
Annual Permit 2_str	BOBJ1	545	Before	Interior Girder 2	320	0.95	1	1	26.953526
Annual Permit 2_str	BOBJ1	545	Before	Right Exterior Girder	320	0.95	1	1	34.859431
Annual Permit 2_str	BOBJ1	545	After	Left Exterior Girder	0	0.95	1	1	37.327258
Annual Permit 2_str	BOBJ1	545	After	Interior Girder 1	0	0.95	1	1	29.091036
Annual Permit 2_str	BOBJ1	545	After	Interior Girder 2	0	0.95	1	1	29.091036
Annual Permit 2_str	BOBJ1	545	After	Right Exterior Girder	0	0.95	1	1	37.327258
Annual Permit 2_str	BOBJ1	556.25	Before	Left Exterior Girder	11.25	0.95	1	1	37.558288
Annual Permit 2_str	BOBJ1	556.25	Before	Interior Girder 1	11.25	0.95	1	1	29.281686
Annual Permit 2_str	BOBJ1	556.25	Before	Interior Girder 2	11.25	0.95	1	1	29.281686
Annual Permit 2_str	BOBJ1	556.25	Before	Right Exterior Girder	11.25	0.95	1	1	37.558287
Annual Permit 2_str	BOBJ1	556.25	After	Left Exterior Girder	11.25	0.95	1	1	37.670016
Annual Permit 2_str	BOBJ1	556.25	After	Interior Girder 1	11.25	0.95	1	1	30.031006
Annual Permit 2_str	BOBJ1	556.25	After	Interior Girder 2	11.25	0.95	1	1	30.031007
Annual Permit 2_str	BOBJ1	556.25	After	Right Exterior Girder	11.25	0.95	1	1	37.670016
Annual Permit 2_str	BOBJ1	559.4358	Before	Left Exterior Girder	14.4358	0.95	1	1	37.735582
Annual Permit 2_str	BOBJ1	559.4358	Before	Interior Girder 1	14.4358	0.95	1	1	30.086322
Annual Permit 2_str	BOBJ1	559.4358	Before	Interior Girder 2	14.4358	0.95	1	1	30.086322
Annual Permit 2_str	BOBJ1	559.4358	Before	Right Exterior Girder	14.4358	0.95	1	1	37.735581
Annual Permit 2_str	BOBJ1	559.4358	After	Left Exterior Girder	14.4358	0.95	1	1	31.153518
Annual Permit 2_str	BOBJ1	559.4358	After	Interior Girder 1	14.4358	0.95	1	1	26.455728
Annual Permit 2_str	BOBJ1	559.4358	After	Interior Girder 2	14.4358	0.95	1	1	26.455728
Annual Permit 2_str	BOBJ1	559.4358	After	Right Exterior Girder	14.4358	0.95	1	1	31.153518
Annual Permit 2_str	BOBJ1	567.5	Before	Left Exterior Girder	22.5	0.95	1	1	31.30142
Annual Permit 2_str	BOBJ1	567.5	Before	Interior Girder 1	22.5	0.95	1	1	26.589806
Annual Permit 2_str	BOBJ1	567.5	Before	Interior Girder 2	22.5	0.95	1	1	26.589806
Annual Permit 2_str	BOBJ1	567.5	Before	Right Exterior Girder	22.5	0.95	1	1	31.301419
Annual Permit 2_str	BOBJ1	567.5	After	Left Exterior Girder	22.5	0.95	1	1	31.169893
Annual Permit 2_str	BOBJ1	567.5	After	Interior Girder 1	22.5	0.95	1	1	26.336544
Annual Permit 2_str	BOBJ1	567.5	After	Interior Girder 2	22.5	0.95	1	1	26.336544
Annual Permit 2_str	BOBJ1	567.5	After	Right Exterior Girder	22.5	0.95	1	1	31.169893
Annual Permit 2_str	BOBJ1	570.0586	Before	Left Exterior Girder	25.0586	0.95	1	1	31.216575
Annual Permit 2_str	BOBJ1	570.0586	Before	Interior Girder 1	25.0586	0.95	1	1	26.378603
Annual Permit 2_str	BOBJ1	570.0586	Before	Interior Girder 2	25.0586	0.95	1	1	26.378603
Annual Permit 2_str	BOBJ1	570.0586	Before	Right Exterior Girder	25.0586	0.95	1	1	31.216575
Annual Permit 2_str	BOBJ1	570.0586	After	Left Exterior Girder	25.0586	0.95	1	1	24.548213
Annual Permit 2_str	BOBJ1	570.0586	After	Interior Girder 1	25.0586	0.95	1	1	22.217858
Annual Permit 2_str	BOBJ1	570.0586	After	Interior Girder 2	25.0586	0.95	1	1	22.217858
Annual Permit 2_str	BOBJ1	570.0586	After	Right Exterior Girder	25.0586	0.95	1	1	24.548213
Annual Permit 2_str	BOBJ1	578.75	Before	Left Exterior Girder	33.75	0.95	1	1	24.687726
Annual Permit 2_str	BOBJ1	578.75	Before	Interior Girder 1	33.75	0.95	1	1	22.354162
Annual Permit 2_str	BOBJ1	578.75	Before	Interior Girder 2	33.75	0.95	1	1	22.354162
Annual Permit 2_str	BOBJ1	578.75	Before	Right Exterior Girder	33.75	0.95	1	1	24.687726
Annual Permit 2_str	BOBJ1	578.75	After	Left Exterior Girder	33.75	0.95	1	1	25.503307
Annual Permit 2_str	BOBJ1	578.75	After	Interior Girder 1	33.75	0.95	1	1	24.485886
Annual Permit 2_str	BOBJ1	578.75	After	Interior Girder 2	33.75	0.95	1	1	24.485886
Annual Permit 2_str	BOBJ1	578.75	After	Right Exterior Girder	33.75	0.95	1	1	25.503307
Annual Permit 2_str	BOBJ1	586.8142	Before	Left Exterior Girder	41.8142	0.95	1	1	25.636776
Annual Permit 2_str	BOBJ1	586.8142	Before	Interior Girder 1	41.8142	0.95	1	1	24.62418
Annual Permit 2_str	BOBJ1	586.8142	Before	Interior Girder 2	41.8142	0.95	1	1	24.62418
Annual Permit 2_str	BOBJ1	586.8142	Before	Right Exterior Girder	41.8142	0.95	1	1	25.636776

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Main Span Girders									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Annual Permit 2_str	BOBJ1	586.8142	After	Left Exterior Girder	41.8142	0.95	1	1	16.105913
Annual Permit 2_str	BOBJ1	586.8142	After	Interior Girder 1	41.8142	0.95	1	1	15.747402
Annual Permit 2_str	BOBJ1	586.8142	After	Interior Girder 2	41.8142	0.95	1	1	15.747402
Annual Permit 2_str	BOBJ1	586.8142	After	Right Exterior Girder	41.8142	0.95	1	1	16.105913
Annual Permit 2_str	BOBJ1	590	Before	Left Exterior Girder	45	0.95	1	1	16.147529
Annual Permit 2_str	BOBJ1	590	Before	Interior Girder 1	45	0.95	1	1	15.792102
Annual Permit 2_str	BOBJ1	590	Before	Interior Girder 2	45	0.95	1	1	15.792102
Annual Permit 2_str	BOBJ1	590	Before	Right Exterior Girder	45	0.95	1	1	16.147529
Annual Permit 2_str	BOBJ1	590	After	Left Exterior Girder	45	0.95	1	1	17.367797
Annual Permit 2_str	BOBJ1	590	After	Interior Girder 1	45	0.95	1	1	17.329206
Annual Permit 2_str	BOBJ1	590	After	Interior Girder 2	45	0.95	1	1	17.329206
Annual Permit 2_str	BOBJ1	590	After	Right Exterior Girder	45	0.95	1	1	17.367797
Annual Permit 2_str	BOBJ1	601.25	Before	Left Exterior Girder	56.25	0.95	1	1	17.525137
Annual Permit 2_str	BOBJ1	601.25	Before	Interior Girder 1	56.25	0.95	1	1	17.501983
Annual Permit 2_str	BOBJ1	601.25	Before	Interior Girder 2	56.25	0.95	1	1	17.501983
Annual Permit 2_str	BOBJ1	601.25	Before	Right Exterior Girder	56.25	0.95	1	1	17.525137
Annual Permit 2_str	BOBJ1	601.25	After	Left Exterior Girder	56.25	0.95	1	1	16.698623
Annual Permit 2_str	BOBJ1	601.25	After	Interior Girder 1	56.25	0.95	1	1	18.306452
Annual Permit 2_str	BOBJ1	601.25	After	Interior Girder 2	56.25	0.95	1	1	18.306451
Annual Permit 2_str	BOBJ1	601.25	After	Right Exterior Girder	56.25	0.95	1	1	16.698623
Annual Permit 2_str	BOBJ1	601.7478	Before	Left Exterior Girder	56.7478	0.95	1	1	16.705285
Annual Permit 2_str	BOBJ1	601.7478	Before	Interior Girder 1	56.7478	0.95	1	1	18.314384
Annual Permit 2_str	BOBJ1	601.7478	Before	Interior Girder 2	56.7478	0.95	1	1	18.314384
Annual Permit 2_str	BOBJ1	601.7478	Before	Right Exterior Girder	56.7478	0.95	1	1	16.705285
Annual Permit 2_str	BOBJ1	601.7478	After	Left Exterior Girder	56.7478	0.95	1	1	11.985088
Annual Permit 2_str	BOBJ1	601.7478	After	Interior Girder 1	56.7478	0.95	1	1	12.855117
Annual Permit 2_str	BOBJ1	601.7478	After	Interior Girder 2	56.7478	0.95	1	1	12.855117
Annual Permit 2_str	BOBJ1	601.7478	After	Right Exterior Girder	56.7478	0.95	1	1	11.985088
Annual Permit 2_str	BOBJ1	612.5	Before	Left Exterior Girder	67.5	0.95	1	1	12.113986
Annual Permit 2_str	BOBJ1	612.5	Before	Interior Girder 1	67.5	0.95	1	1	13.010397
Annual Permit 2_str	BOBJ1	612.5	Before	Interior Girder 2	67.5	0.95	1	1	13.010397
Annual Permit 2_str	BOBJ1	612.5	Before	Right Exterior Girder	67.5	0.95	1	1	12.113986
Annual Permit 2_str	BOBJ1	612.5	After	Left Exterior Girder	67.5	0.95	1	1	13.239527
Annual Permit 2_str	BOBJ1	612.5	After	Interior Girder 1	67.5	0.95	1	1	13.452922
Annual Permit 2_str	BOBJ1	612.5	After	Interior Girder 2	67.5	0.95	1	1	13.452921
Annual Permit 2_str	BOBJ1	612.5	After	Right Exterior Girder	67.5	0.95	1	1	13.239527
Annual Permit 2_str	BOBJ1	623.75	Before	Left Exterior Girder	78.75	0.95	1	1	13.385779
Annual Permit 2_str	BOBJ1	623.75	Before	Interior Girder 1	78.75	0.95	1	1	13.619831
Annual Permit 2_str	BOBJ1	623.75	Before	Interior Girder 2	78.75	0.95	1	1	13.619831
Annual Permit 2_str	BOBJ1	623.75	Before	Right Exterior Girder	78.75	0.95	1	1	13.385779
Annual Permit 2_str	BOBJ1	623.75	After	Left Exterior Girder	78.75	0.95	1	1	14.607296
Annual Permit 2_str	BOBJ1	623.75	After	Interior Girder 1	78.75	0.95	1	1	15.575691
Annual Permit 2_str	BOBJ1	623.75	After	Interior Girder 2	78.75	0.95	1	1	15.575691
Annual Permit 2_str	BOBJ1	623.75	After	Right Exterior Girder	78.75	0.95	1	1	14.607297
Annual Permit 2_str	BOBJ1	635	Before	Left Exterior Girder	90	0.95	1	1	14.765951
Annual Permit 2_str	BOBJ1	635	Before	Interior Girder 1	90	0.95	1	1	15.765662
Annual Permit 2_str	BOBJ1	635	Before	Interior Girder 2	90	0.95	1	1	15.765661
Annual Permit 2_str	BOBJ1	635	Before	Right Exterior Girder	90	0.95	1	1	14.765952
Annual Permit 2_str	BOBJ1	635	After	Left Exterior Girder	90	0.95	1	1	16.194121
Annual Permit 2_str	BOBJ1	635	After	Interior Girder 1	90	0.95	1	1	15.166287
Annual Permit 2_str	BOBJ1	635	After	Interior Girder 2	90	0.95	1	1	15.166286
Annual Permit 2_str	BOBJ1	635	After	Right Exterior Girder	90	0.95	1	1	16.194122
Annual Permit 2_str	BOBJ1	643.5619	Before	Left Exterior Girder	98.5619	0.95	1	1	16.325609
Annual Permit 2_str	BOBJ1	643.5619	Before	Interior Girder 1	98.5619	0.95	1	1	15.304609
Annual Permit 2_str	BOBJ1	643.5619	Before	Interior Girder 2	98.5619	0.95	1	1	15.304608
Annual Permit 2_str	BOBJ1	643.5619	Before	Right Exterior Girder	98.5619	0.95	1	1	16.325609
Annual Permit 2_str	BOBJ1	643.5619	After	Left Exterior Girder	98.5619	0.95	1	1	27.406146
Annual Permit 2_str	BOBJ1	643.5619	After	Interior Girder 1	98.5619	0.95	1	1	25.332455
Annual Permit 2_str	BOBJ1	643.5619	After	Interior Girder 2	98.5619	0.95	1	1	25.332454
Annual Permit 2_str	BOBJ1	643.5619	After	Right Exterior Girder	98.5619	0.95	1	1	27.406147
Annual Permit 2_str	BOBJ1	646.25	Before	Left Exterior Girder	101.25	0.95	1	1	27.458379
Annual Permit 2_str	BOBJ1	646.25	Before	Interior Girder 1	101.25	0.95	1	1	25.385466
Annual Permit 2_str	BOBJ1	646.25	Before	Interior Girder 2	101.25	0.95	1	1	25.385465
Annual Permit 2_str	BOBJ1	646.25	Before	Right Exterior Girder	101.25	0.95	1	1	27.458379
Annual Permit 2_str	BOBJ1	646.25	After	Left Exterior Girder	101.25	0.95	1	1	31.074622
Annual Permit 2_str	BOBJ1	646.25	After	Interior Girder 1	101.25	0.95	1	1	30.265088
Annual Permit 2_str	BOBJ1	646.25	After	Interior Girder 2	101.25	0.95	1	1	30.265086
Annual Permit 2_str	BOBJ1	646.25	After	Right Exterior Girder	101.25	0.95	1	1	31.074623

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Main Span Girders									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Annual Permit 2_str	BOBJ1	657.5	Before	Left Exterior Girder	112.5	0.95	1	1	31.321332
Annual Permit 2_str	BOBJ1	657.5	Before	Interior Girder 1	112.5	0.95	1	1	30.529318
Annual Permit 2_str	BOBJ1	657.5	Before	Interior Girder 2	112.5	0.95	1	1	30.529317
Annual Permit 2_str	BOBJ1	657.5	Before	Right Exterior Girder	112.5	0.95	1	1	31.321333
Annual Permit 2_str	BOBJ1	657.5	After	Left Exterior Girder	112.5	0.95	1	1	36.502888
Annual Permit 2_str	BOBJ1	657.5	After	Interior Girder 1	112.5	0.95	1	1	30.184514
Annual Permit 2_str	BOBJ1	657.5	After	Interior Girder 2	112.5	0.95	1	1	30.184517
Annual Permit 2_str	BOBJ1	657.5	After	Right Exterior Girder	112.5	0.95	1	1	36.502885
Annual Permit 2_str	BOBJ1	668.75	Before	Left Exterior Girder	123.75	0.95	1	1	36.789047
Annual Permit 2_str	BOBJ1	668.75	Before	Interior Girder 1	123.75	0.95	1	1	30.444843
Annual Permit 2_str	BOBJ1	668.75	Before	Interior Girder 2	123.75	0.95	1	1	30.444846
Annual Permit 2_str	BOBJ1	668.75	Before	Right Exterior Girder	123.75	0.95	1	1	36.789044
Annual Permit 2_str	BOBJ1	668.75	After	Left Exterior Girder	123.75	0.95	1	1	43.234859
Annual Permit 2_str	BOBJ1	668.75	After	Interior Girder 1	123.75	0.95	1	1	35.789685
Annual Permit 2_str	BOBJ1	668.75	After	Interior Girder 2	123.75	0.95	1	1	35.789689
Annual Permit 2_str	BOBJ1	668.75	After	Right Exterior Girder	123.75	0.95	1	1	43.234855
Annual Permit 2_str	BOBJ1	680	Before	Left Exterior Girder	135	0.95	1	1	43.570009
Annual Permit 2_str	BOBJ1	680	Before	Interior Girder 1	135	0.95	1	1	36.094889
Annual Permit 2_str	BOBJ1	680	Before	Interior Girder 2	135	0.95	1	1	36.094893
Annual Permit 2_str	BOBJ1	680	Before	Right Exterior Girder	135	0.95	1	1	43.570004
Annual Permit 2_str	BOBJ1	680	After	Left Exterior Girder	135	0.95	1	1	48.478249
Annual Permit 2_str	BOBJ1	680	After	Interior Girder 1	135	0.95	1	1	35.993634
Annual Permit 2_str	BOBJ1	680	After	Interior Girder 2	135	0.95	1	1	35.993632
Annual Permit 2_str	BOBJ1	680	After	Right Exterior Girder	135	0.95	1	1	48.478252
Annual Permit 2_str	BOBJ1	691.25	Before	Left Exterior Girder	146.25	0.95	1	1	48.118502
Annual Permit 2_str	BOBJ1	691.25	Before	Interior Girder 1	146.25	0.95	1	1	36.296953
Annual Permit 2_str	BOBJ1	691.25	Before	Interior Girder 2	146.25	0.95	1	1	36.296952
Annual Permit 2_str	BOBJ1	691.25	Before	Right Exterior Girder	146.25	0.95	1	1	48.118505
Annual Permit 2_str	BOBJ1	691.25	After	Left Exterior Girder	146.25	0.95	1	1	41.299906
Annual Permit 2_str	BOBJ1	691.25	After	Interior Girder 1	146.25	0.95	1	1	33.695057
Annual Permit 2_str	BOBJ1	691.25	After	Interior Girder 2	146.25	0.95	1	1	33.695059
Annual Permit 2_str	BOBJ1	691.25	After	Right Exterior Girder	146.25	0.95	1	1	41.299907
Annual Permit 2_str	BOBJ1	702.5	Before	Left Exterior Girder	157.5	0.95	1	1	40.990115
Annual Permit 2_str	BOBJ1	702.5	Before	Interior Girder 1	157.5	0.95	1	1	33.416938
Annual Permit 2_str	BOBJ1	702.5	Before	Interior Girder 2	157.5	0.95	1	1	33.41694
Annual Permit 2_str	BOBJ1	702.5	Before	Right Exterior Girder	157.5	0.95	1	1	40.990115
Annual Permit 2_str	BOBJ1	702.5	After	Left Exterior Girder	157.5	0.95	1	1	35.004763
Annual Permit 2_str	BOBJ1	702.5	After	Interior Girder 1	157.5	0.95	1	1	33.986509
Annual Permit 2_str	BOBJ1	702.5	After	Interior Girder 2	157.5	0.95	1	1	33.986509
Annual Permit 2_str	BOBJ1	702.5	After	Right Exterior Girder	157.5	0.95	1	1	35.004761
Annual Permit 2_str	BOBJ1	713.75	Before	Left Exterior Girder	168.75	0.95	1	1	34.738974
Annual Permit 2_str	BOBJ1	713.75	Before	Interior Girder 1	168.75	0.95	1	1	33.702706
Annual Permit 2_str	BOBJ1	713.75	Before	Interior Girder 2	168.75	0.95	1	1	33.702707
Annual Permit 2_str	BOBJ1	713.75	Before	Right Exterior Girder	168.75	0.95	1	1	34.738971
Annual Permit 2_str	BOBJ1	713.75	After	Left Exterior Girder	168.75	0.95	1	1	30.673342
Annual Permit 2_str	BOBJ1	713.75	After	Interior Girder 1	168.75	0.95	1	1	29.012494
Annual Permit 2_str	BOBJ1	713.75	After	Interior Girder 2	168.75	0.95	1	1	29.012494
Annual Permit 2_str	BOBJ1	713.75	After	Right Exterior Girder	168.75	0.95	1	1	30.673341
Annual Permit 2_str	BOBJ1	725	Before	Left Exterior Girder	180	0.95	1	1	30.437863
Annual Permit 2_str	BOBJ1	725	Before	Interior Girder 1	180	0.95	1	1	28.767535
Annual Permit 2_str	BOBJ1	725	Before	Interior Girder 2	180	0.95	1	1	28.767535
Annual Permit 2_str	BOBJ1	725	Before	Right Exterior Girder	180	0.95	1	1	30.437863
Annual Permit 2_str	BOBJ1	725	After	Left Exterior Girder	180	0.95	1	1	26.642366
Annual Permit 2_str	BOBJ1	725	After	Interior Girder 1	180	0.95	1	1	28.136518
Annual Permit 2_str	BOBJ1	725	After	Interior Girder 2	180	0.95	1	1	28.136518
Annual Permit 2_str	BOBJ1	725	After	Right Exterior Girder	180	0.95	1	1	26.642368
Annual Permit 2_str	BOBJ1	731.1726	Before	Left Exterior Girder	186.1726	0.95	1	1	26.528821
Annual Permit 2_str	BOBJ1	731.1726	Before	Interior Girder 1	186.1726	0.95	1	1	28.004723
Annual Permit 2_str	BOBJ1	731.1726	Before	Interior Girder 2	186.1726	0.95	1	1	28.004723
Annual Permit 2_str	BOBJ1	731.1726	Before	Right Exterior Girder	186.1726	0.95	1	1	26.528823
Annual Permit 2_str	BOBJ1	731.1726	After	Left Exterior Girder	186.1726	0.95	1	1	15.330994
Annual Permit 2_str	BOBJ1	731.1726	After	Interior Girder 1	186.1726	0.95	1	1	15.800772
Annual Permit 2_str	BOBJ1	731.1726	After	Interior Girder 2	186.1726	0.95	1	1	15.800772
Annual Permit 2_str	BOBJ1	731.1726	After	Right Exterior Girder	186.1726	0.95	1	1	15.330995
Annual Permit 2_str	BOBJ1	736.25	Before	Left Exterior Girder	191.25	0.95	1	1	15.26031
Annual Permit 2_str	BOBJ1	736.25	Before	Interior Girder 1	191.25	0.95	1	1	15.719021
Annual Permit 2_str	BOBJ1	736.25	Before	Interior Girder 2	191.25	0.95	1	1	15.71902
Annual Permit 2_str	BOBJ1	736.25	Before	Right Exterior Girder	191.25	0.95	1	1	15.260312

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Main Span Girders									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Annual Permit 2_str	BOBJ1	736.25	After	Left Exterior Girder	191.25	0.95	1	1	14.66813
Annual Permit 2_str	BOBJ1	736.25	After	Interior Girder 1	191.25	0.95	1	1	14.911848
Annual Permit 2_str	BOBJ1	736.25	After	Interior Girder 2	191.25	0.95	1	1	14.911848
Annual Permit 2_str	BOBJ1	736.25	After	Right Exterior Girder	191.25	0.95	1	1	14.66813
Annual Permit 2_str	BOBJ1	747.5	Before	Left Exterior Girder	202.5	0.95	1	1	14.517044
Annual Permit 2_str	BOBJ1	747.5	Before	Interior Girder 1	202.5	0.95	1	1	14.7394
Annual Permit 2_str	BOBJ1	747.5	Before	Interior Girder 2	202.5	0.95	1	1	14.7394
Annual Permit 2_str	BOBJ1	747.5	Before	Right Exterior Girder	202.5	0.95	1	1	14.517045
Annual Permit 2_str	BOBJ1	747.5	After	Left Exterior Girder	202.5	0.95	1	1	12.960383
Annual Permit 2_str	BOBJ1	747.5	After	Interior Girder 1	202.5	0.95	1	1	13.578284
Annual Permit 2_str	BOBJ1	747.5	After	Interior Girder 2	202.5	0.95	1	1	13.578283
Annual Permit 2_str	BOBJ1	747.5	After	Right Exterior Girder	202.5	0.95	1	1	12.960383
Annual Permit 2_str	BOBJ1	758.75	Before	Left Exterior Girder	213.75	0.95	1	1	12.824393
Annual Permit 2_str	BOBJ1	758.75	Before	Interior Girder 1	213.75	0.95	1	1	13.418538
Annual Permit 2_str	BOBJ1	758.75	Before	Interior Girder 2	213.75	0.95	1	1	13.418537
Annual Permit 2_str	BOBJ1	758.75	Before	Right Exterior Girder	213.75	0.95	1	1	12.824393
Annual Permit 2_str	BOBJ1	758.75	After	Left Exterior Girder	213.75	0.95	1	1	11.869397
Annual Permit 2_str	BOBJ1	758.75	After	Interior Girder 1	213.75	0.95	1	1	11.077653
Annual Permit 2_str	BOBJ1	758.75	After	Interior Girder 2	213.75	0.95	1	1	11.077652
Annual Permit 2_str	BOBJ1	758.75	After	Right Exterior Girder	213.75	0.95	1	1	11.869398
Annual Permit 2_str	BOBJ1	770	Before	Left Exterior Girder	225	0.95	1	1	11.742808
Annual Permit 2_str	BOBJ1	770	Before	Interior Girder 1	225	0.95	1	1	10.945156
Annual Permit 2_str	BOBJ1	770	Before	Interior Girder 2	225	0.95	1	1	10.945155
Annual Permit 2_str	BOBJ1	770	Before	Right Exterior Girder	225	0.95	1	1	11.742808
Overweight Permit_str	BOBJ1	0	After	Left Exterior Girder	0	0.95	1	1	13.858527
Overweight Permit_str	BOBJ1	0	After	Interior Girder 1	0	0.95	1	1	16.171929
Overweight Permit_str	BOBJ1	0	After	Interior Girder 2	0	0.95	1	1	16.171931
Overweight Permit_str	BOBJ1	0	After	Right Exterior Girder	0	0.95	1	1	13.858527
Overweight Permit_str	BOBJ1	11.25	Before	Left Exterior Girder	11.25	0.95	1	1	14.007924
Overweight Permit_str	BOBJ1	11.25	Before	Interior Girder 1	11.25	0.95	1	1	16.367699
Overweight Permit_str	BOBJ1	11.25	Before	Interior Girder 2	11.25	0.95	1	1	16.3677
Overweight Permit_str	BOBJ1	11.25	Before	Right Exterior Girder	11.25	0.95	1	1	14.007923
Overweight Permit_str	BOBJ1	11.25	After	Left Exterior Girder	11.25	0.95	1	1	15.790973
Overweight Permit_str	BOBJ1	11.25	After	Interior Girder 1	11.25	0.95	1	1	20.061695
Overweight Permit_str	BOBJ1	11.25	After	Interior Girder 2	11.25	0.95	1	1	20.061697
Overweight Permit_str	BOBJ1	11.25	After	Right Exterior Girder	11.25	0.95	1	1	15.790973
Overweight Permit_str	BOBJ1	22.5	Before	Left Exterior Girder	22.5	0.95	1	1	15.95842
Overweight Permit_str	BOBJ1	22.5	Before	Interior Girder 1	22.5	0.95	1	1	20.300527
Overweight Permit_str	BOBJ1	22.5	Before	Interior Girder 2	22.5	0.95	1	1	20.300529
Overweight Permit_str	BOBJ1	22.5	Before	Right Exterior Girder	22.5	0.95	1	1	15.95842
Overweight Permit_str	BOBJ1	22.5	After	Left Exterior Girder	22.5	0.95	1	1	18.097409
Overweight Permit_str	BOBJ1	22.5	After	Interior Girder 1	22.5	0.95	1	1	22.193303
Overweight Permit_str	BOBJ1	22.5	After	Interior Girder 2	22.5	0.95	1	1	22.193302
Overweight Permit_str	BOBJ1	22.5	After	Right Exterior Girder	22.5	0.95	1	1	18.097409
Overweight Permit_str	BOBJ1	33.75	Before	Left Exterior Girder	33.75	0.95	1	1	18.285757
Overweight Permit_str	BOBJ1	33.75	Before	Interior Girder 1	33.75	0.95	1	1	22.45296
Overweight Permit_str	BOBJ1	33.75	Before	Interior Girder 2	33.75	0.95	1	1	22.452959
Overweight Permit_str	BOBJ1	33.75	Before	Right Exterior Girder	33.75	0.95	1	1	18.285757
Overweight Permit_str	BOBJ1	33.75	After	Left Exterior Girder	33.75	0.95	1	1	19.17571
Overweight Permit_str	BOBJ1	33.75	After	Interior Girder 1	33.75	0.95	1	1	23.878936
Overweight Permit_str	BOBJ1	33.75	After	Interior Girder 2	33.75	0.95	1	1	23.878934
Overweight Permit_str	BOBJ1	33.75	After	Right Exterior Girder	33.75	0.95	1	1	19.17571
Overweight Permit_str	BOBJ1	38.8274	Before	Left Exterior Girder	38.8274	0.95	1	1	19.264529
Overweight Permit_str	BOBJ1	38.8274	Before	Interior Girder 1	38.8274	0.95	1	1	24.003125
Overweight Permit_str	BOBJ1	38.8274	Before	Interior Girder 2	38.8274	0.95	1	1	24.003123
Overweight Permit_str	BOBJ1	38.8274	Before	Right Exterior Girder	38.8274	0.95	1	1	19.26453
Overweight Permit_str	BOBJ1	38.8274	After	Left Exterior Girder	38.8274	0.95	1	1	33.984858
Overweight Permit_str	BOBJ1	38.8274	After	Interior Girder 1	38.8274	0.95	1	1	42.494509
Overweight Permit_str	BOBJ1	38.8274	After	Interior Girder 2	38.8274	0.95	1	1	42.494506
Overweight Permit_str	BOBJ1	38.8274	After	Right Exterior Girder	38.8274	0.95	1	1	33.98486
Overweight Permit_str	BOBJ1	45	Before	Left Exterior Girder	45	0.95	1	1	34.130316
Overweight Permit_str	BOBJ1	45	Before	Interior Girder 1	45	0.95	1	1	42.694495
Overweight Permit_str	BOBJ1	45	Before	Interior Girder 2	45	0.95	1	1	42.694493
Overweight Permit_str	BOBJ1	45	Before	Right Exterior Girder	45	0.95	1	1	34.130317
Overweight Permit_str	BOBJ1	45	After	Left Exterior Girder	45	0.95	1	1	38.599742
Overweight Permit_str	BOBJ1	45	After	Interior Girder 1	45	0.95	1	1	43.814639
Overweight Permit_str	BOBJ1	45	After	Interior Girder 2	45	0.95	1	1	43.814635
Overweight Permit_str	BOBJ1	45	After	Right Exterior Girder	45	0.95	1	1	38.599744

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Main Span Girders									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Overweight Permit_str	BOBJ1	56.25	Before	Left Exterior Girder	56.25	0.95	1	1	38.898363
Overweight Permit_str	BOBJ1	56.25	Before	Interior Girder 1	56.25	0.95	1	1	44.187726
Overweight Permit_str	BOBJ1	56.25	Before	Interior Girder 2	56.25	0.95	1	1	44.187722
Overweight Permit_str	BOBJ1	56.25	Before	Right Exterior Girder	56.25	0.95	1	1	38.898365
Overweight Permit_str	BOBJ1	56.25	After	Left Exterior Girder	56.25	0.95	1	1	45.35483
Overweight Permit_str	BOBJ1	56.25	After	Interior Girder 1	56.25	0.95	1	1	51.258118
Overweight Permit_str	BOBJ1	56.25	After	Interior Girder 2	56.25	0.95	1	1	51.258113
Overweight Permit_str	BOBJ1	56.25	After	Right Exterior Girder	56.25	0.95	1	1	45.354832
Overweight Permit_str	BOBJ1	67.5	Before	Left Exterior Girder	67.5	0.95	1	1	45.701842
Overweight Permit_str	BOBJ1	67.5	Before	Interior Girder 1	67.5	0.95	1	1	51.689751
Overweight Permit_str	BOBJ1	67.5	Before	Interior Girder 2	67.5	0.95	1	1	51.689746
Overweight Permit_str	BOBJ1	67.5	Before	Right Exterior Girder	67.5	0.95	1	1	45.701844
Overweight Permit_str	BOBJ1	67.5	After	Left Exterior Girder	67.5	0.95	1	1	51.666383
Overweight Permit_str	BOBJ1	67.5	After	Interior Girder 1	67.5	0.95	1	1	50.917485
Overweight Permit_str	BOBJ1	67.5	After	Interior Girder 2	67.5	0.95	1	1	50.917489
Overweight Permit_str	BOBJ1	67.5	After	Right Exterior Girder	67.5	0.95	1	1	51.666376
Overweight Permit_str	BOBJ1	78.75	Before	Left Exterior Girder	78.75	0.95	1	1	52.056863
Overweight Permit_str	BOBJ1	78.75	Before	Interior Girder 1	78.75	0.95	1	1	51.341256
Overweight Permit_str	BOBJ1	78.75	Before	Interior Girder 2	78.75	0.95	1	1	51.34126
Overweight Permit_str	BOBJ1	78.75	Before	Right Exterior Girder	78.75	0.95	1	1	52.056856
Overweight Permit_str	BOBJ1	78.75	After	Left Exterior Girder	78.75	0.95	1	1	62.280889
Overweight Permit_str	BOBJ1	78.75	After	Interior Girder 1	78.75	0.95	1	1	56.335761
Overweight Permit_str	BOBJ1	78.75	After	Interior Girder 2	78.75	0.95	1	1	56.335756
Overweight Permit_str	BOBJ1	78.75	After	Right Exterior Girder	78.75	0.95	1	1	62.280879
Overweight Permit_str	BOBJ1	90	Before	Left Exterior Girder	90	0.95	1	1	62.746518
Overweight Permit_str	BOBJ1	90	Before	Interior Girder 1	90	0.95	1	1	55.864986
Overweight Permit_str	BOBJ1	90	Before	Interior Girder 2	90	0.95	1	1	55.86498
Overweight Permit_str	BOBJ1	90	Before	Right Exterior Girder	90	0.95	1	1	62.746508
Overweight Permit_str	BOBJ1	90	After	Left Exterior Girder	90	0.95	1	1	62.245247
Overweight Permit_str	BOBJ1	90	After	Interior Girder 1	90	0.95	1	1	56.817455
Overweight Permit_str	BOBJ1	90	After	Interior Girder 2	90	0.95	1	1	56.817443
Overweight Permit_str	BOBJ1	90	After	Right Exterior Girder	90	0.95	1	1	62.245249
Overweight Permit_str	BOBJ1	101.25	Before	Left Exterior Girder	101.25	0.95	1	1	61.766444
Overweight Permit_str	BOBJ1	101.25	Before	Interior Girder 1	101.25	0.95	1	1	56.337029
Overweight Permit_str	BOBJ1	101.25	Before	Interior Girder 2	101.25	0.95	1	1	56.337017
Overweight Permit_str	BOBJ1	101.25	Before	Right Exterior Girder	101.25	0.95	1	1	61.766445
Overweight Permit_str	BOBJ1	101.25	After	Left Exterior Girder	101.25	0.95	1	1	49.482764
Overweight Permit_str	BOBJ1	101.25	After	Interior Girder 1	101.25	0.95	1	1	47.665814
Overweight Permit_str	BOBJ1	101.25	After	Interior Girder 2	101.25	0.95	1	1	47.665806
Overweight Permit_str	BOBJ1	101.25	After	Right Exterior Girder	101.25	0.95	1	1	49.482764
Overweight Permit_str	BOBJ1	112.5	Before	Left Exterior Girder	112.5	0.95	1	1	49.097869
Overweight Permit_str	BOBJ1	112.5	Before	Interior Girder 1	112.5	0.95	1	1	47.25823
Overweight Permit_str	BOBJ1	112.5	Before	Interior Girder 2	112.5	0.95	1	1	47.258222
Overweight Permit_str	BOBJ1	112.5	Before	Right Exterior Girder	112.5	0.95	1	1	49.097869
Overweight Permit_str	BOBJ1	112.5	After	Left Exterior Girder	112.5	0.95	1	1	41.99254
Overweight Permit_str	BOBJ1	112.5	After	Interior Girder 1	112.5	0.95	1	1	47.066598
Overweight Permit_str	BOBJ1	112.5	After	Interior Girder 2	112.5	0.95	1	1	47.0666
Overweight Permit_str	BOBJ1	112.5	After	Right Exterior Girder	112.5	0.95	1	1	41.992539
Overweight Permit_str	BOBJ1	123.75	Before	Left Exterior Girder	123.75	0.95	1	1	41.661776
Overweight Permit_str	BOBJ1	123.75	Before	Interior Girder 1	123.75	0.95	1	1	46.659238
Overweight Permit_str	BOBJ1	123.75	Before	Interior Girder 2	123.75	0.95	1	1	46.65924
Overweight Permit_str	BOBJ1	123.75	Before	Right Exterior Girder	123.75	0.95	1	1	41.661775
Overweight Permit_str	BOBJ1	123.75	After	Left Exterior Girder	123.75	0.95	1	1	34.33945
Overweight Permit_str	BOBJ1	123.75	After	Interior Girder 1	123.75	0.95	1	1	39.119075
Overweight Permit_str	BOBJ1	123.75	After	Interior Girder 2	123.75	0.95	1	1	39.119077
Overweight Permit_str	BOBJ1	123.75	After	Right Exterior Girder	123.75	0.95	1	1	34.339449
Overweight Permit_str	BOBJ1	126.4381	Before	Left Exterior Girder	126.4381	0.95	1	1	34.274128
Overweight Permit_str	BOBJ1	126.4381	Before	Interior Girder 1	126.4381	0.95	1	1	39.037385
Overweight Permit_str	BOBJ1	126.4381	Before	Interior Girder 2	126.4381	0.95	1	1	39.037387
Overweight Permit_str	BOBJ1	126.4381	Before	Right Exterior Girder	126.4381	0.95	1	1	34.274127
Overweight Permit_str	BOBJ1	126.4381	After	Left Exterior Girder	126.4381	0.95	1	1	20.427849
Overweight Permit_str	BOBJ1	126.4381	After	Interior Girder 1	126.4381	0.95	1	1	23.351514
Overweight Permit_str	BOBJ1	126.4381	After	Interior Girder 2	126.4381	0.95	1	1	23.351516
Overweight Permit_str	BOBJ1	126.4381	After	Right Exterior Girder	126.4381	0.95	1	1	20.427849
Overweight Permit_str	BOBJ1	135	Before	Left Exterior Girder	135	0.95	1	1	20.263322
Overweight Permit_str	BOBJ1	135	Before	Interior Girder 1	135	0.95	1	1	23.140464
Overweight Permit_str	BOBJ1	135	Before	Interior Girder 2	135	0.95	1	1	23.140466
Overweight Permit_str	BOBJ1	135	Before	Right Exterior Girder	135	0.95	1	1	20.263321

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Main Span Girders									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Overweight Permit_str	BOBJ1	135	After	Left Exterior Girder	135	0.95	1	1	18.693656
Overweight Permit_str	BOBJ1	135	After	Interior Girder 1	135	0.95	1	1	23.82304
Overweight Permit_str	BOBJ1	135	After	Interior Girder 2	135	0.95	1	1	23.823041
Overweight Permit_str	BOBJ1	135	After	Right Exterior Girder	135	0.95	1	1	18.693656
Overweight Permit_str	BOBJ1	146.25	Before	Left Exterior Girder	146.25	0.95	1	1	18.492799
Overweight Permit_str	BOBJ1	146.25	Before	Interior Girder 1	146.25	0.95	1	1	23.535981
Overweight Permit_str	BOBJ1	146.25	Before	Interior Girder 2	146.25	0.95	1	1	23.535982
Overweight Permit_str	BOBJ1	146.25	Before	Right Exterior Girder	146.25	0.95	1	1	18.492799
Overweight Permit_str	BOBJ1	146.25	After	Left Exterior Girder	146.25	0.95	1	1	16.246889
Overweight Permit_str	BOBJ1	146.25	After	Interior Girder 1	146.25	0.95	1	1	20.458742
Overweight Permit_str	BOBJ1	146.25	After	Interior Girder 2	146.25	0.95	1	1	20.458743
Overweight Permit_str	BOBJ1	146.25	After	Right Exterior Girder	146.25	0.95	1	1	16.246889
Overweight Permit_str	BOBJ1	157.5	Before	Left Exterior Girder	157.5	0.95	1	1	16.069377
Overweight Permit_str	BOBJ1	157.5	Before	Interior Girder 1	157.5	0.95	1	1	20.208022
Overweight Permit_str	BOBJ1	157.5	Before	Interior Girder 2	157.5	0.95	1	1	20.208024
Overweight Permit_str	BOBJ1	157.5	Before	Right Exterior Girder	157.5	0.95	1	1	16.069377
Overweight Permit_str	BOBJ1	157.5	After	Left Exterior Girder	157.5	0.95	1	1	14.564342
Overweight Permit_str	BOBJ1	157.5	After	Interior Girder 1	157.5	0.95	1	1	19.390812
Overweight Permit_str	BOBJ1	157.5	After	Interior Girder 2	157.5	0.95	1	1	19.390811
Overweight Permit_str	BOBJ1	157.5	After	Right Exterior Girder	157.5	0.95	1	1	14.564342
Overweight Permit_str	BOBJ1	168.2522	Before	Left Exterior Girder	168.2522	0.95	1	1	14.409371
Overweight Permit_str	BOBJ1	168.2522	Before	Interior Girder 1	168.2522	0.95	1	1	19.159381
Overweight Permit_str	BOBJ1	168.2522	Before	Interior Girder 2	168.2522	0.95	1	1	19.15938
Overweight Permit_str	BOBJ1	168.2522	Before	Right Exterior Girder	168.2522	0.95	1	1	14.409371
Overweight Permit_str	BOBJ1	168.2522	After	Left Exterior Girder	168.2522	0.95	1	1	18.600369
Overweight Permit_str	BOBJ1	168.2522	After	Interior Girder 1	168.2522	0.95	1	1	25.378267
Overweight Permit_str	BOBJ1	168.2522	After	Interior Girder 2	168.2522	0.95	1	1	25.378266
Overweight Permit_str	BOBJ1	168.2522	After	Right Exterior Girder	168.2522	0.95	1	1	18.600369
Overweight Permit_str	BOBJ1	168.75	Before	Left Exterior Girder	168.75	0.95	1	1	18.592951
Overweight Permit_str	BOBJ1	168.75	Before	Interior Girder 1	168.75	0.95	1	1	25.367275
Overweight Permit_str	BOBJ1	168.75	Before	Interior Girder 2	168.75	0.95	1	1	25.367274
Overweight Permit_str	BOBJ1	168.75	Before	Right Exterior Girder	168.75	0.95	1	1	18.592951
Overweight Permit_str	BOBJ1	168.75	After	Left Exterior Girder	168.75	0.95	1	1	20.395314
Overweight Permit_str	BOBJ1	168.75	After	Interior Girder 1	168.75	0.95	1	1	26.1249
Overweight Permit_str	BOBJ1	168.75	After	Interior Girder 2	168.75	0.95	1	1	26.124898
Overweight Permit_str	BOBJ1	168.75	After	Right Exterior Girder	168.75	0.95	1	1	20.395314
Overweight Permit_str	BOBJ1	180	Before	Left Exterior Girder	180	0.95	1	1	20.212206
Overweight Permit_str	BOBJ1	180	Before	Interior Girder 1	180	0.95	1	1	25.867
Overweight Permit_str	BOBJ1	180	Before	Interior Girder 2	180	0.95	1	1	25.866998
Overweight Permit_str	BOBJ1	180	Before	Right Exterior Girder	180	0.95	1	1	20.212206
Overweight Permit_str	BOBJ1	180	After	Left Exterior Girder	180	0.95	1	1	18.233956
Overweight Permit_str	BOBJ1	180	After	Interior Girder 1	180	0.95	1	1	23.485034
Overweight Permit_str	BOBJ1	180	After	Interior Girder 2	180	0.95	1	1	23.485032
Overweight Permit_str	BOBJ1	180	After	Right Exterior Girder	180	0.95	1	1	18.233957
Overweight Permit_str	BOBJ1	183.1858	Before	Left Exterior Girder	183.1858	0.95	1	1	18.186963
Overweight Permit_str	BOBJ1	183.1858	Before	Interior Girder 1	183.1858	0.95	1	1	23.418558
Overweight Permit_str	BOBJ1	183.1858	Before	Interior Girder 2	183.1858	0.95	1	1	23.418557
Overweight Permit_str	BOBJ1	183.1858	Before	Right Exterior Girder	183.1858	0.95	1	1	18.186964
Overweight Permit_str	BOBJ1	183.1858	After	Left Exterior Girder	183.1858	0.95	1	1	28.84737
Overweight Permit_str	BOBJ1	183.1858	After	Interior Girder 1	183.1858	0.95	1	1	36.451114
Overweight Permit_str	BOBJ1	183.1858	After	Interior Girder 2	183.1858	0.95	1	1	36.451112
Overweight Permit_str	BOBJ1	183.1858	After	Right Exterior Girder	183.1858	0.95	1	1	28.847371
Overweight Permit_str	BOBJ1	191.25	Before	Left Exterior Girder	191.25	0.95	1	1	28.697186
Overweight Permit_str	BOBJ1	191.25	Before	Interior Girder 1	191.25	0.95	1	1	36.246398
Overweight Permit_str	BOBJ1	191.25	Before	Interior Girder 2	191.25	0.95	1	1	36.246396
Overweight Permit_str	BOBJ1	191.25	Before	Right Exterior Girder	191.25	0.95	1	1	28.697187
Overweight Permit_str	BOBJ1	191.25	After	Left Exterior Girder	191.25	0.95	1	1	27.208139
Overweight Permit_str	BOBJ1	191.25	After	Interior Girder 1	191.25	0.95	1	1	33.062409
Overweight Permit_str	BOBJ1	191.25	After	Interior Girder 2	191.25	0.95	1	1	33.062407
Overweight Permit_str	BOBJ1	191.25	After	Right Exterior Girder	191.25	0.95	1	1	27.20814
Overweight Permit_str	BOBJ1	199.9414	Before	Left Exterior Girder	199.9414	0.95	1	1	27.054383
Overweight Permit_str	BOBJ1	199.9414	Before	Interior Girder 1	199.9414	0.95	1	1	32.860812
Overweight Permit_str	BOBJ1	199.9414	Before	Interior Girder 2	199.9414	0.95	1	1	32.86081
Overweight Permit_str	BOBJ1	199.9414	Before	Right Exterior Girder	199.9414	0.95	1	1	27.054383
Overweight Permit_str	BOBJ1	199.9414	After	Left Exterior Girder	199.9414	0.95	1	1	33.550808
Overweight Permit_str	BOBJ1	199.9414	After	Interior Girder 1	199.9414	0.95	1	1	39.10721
Overweight Permit_str	BOBJ1	199.9414	After	Interior Girder 2	199.9414	0.95	1	1	39.107209
Overweight Permit_str	BOBJ1	199.9414	After	Right Exterior Girder	199.9414	0.95	1	1	33.550809

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Main Span Girders									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Overweight Permit_str	BOBJ1	202.5	Before	Left Exterior Girder	202.5	0.95	1	1	33.500636
Overweight Permit_str	BOBJ1	202.5	Before	Interior Girder 1	202.5	0.95	1	1	39.044857
Overweight Permit_str	BOBJ1	202.5	Before	Interior Girder 2	202.5	0.95	1	1	39.044855
Overweight Permit_str	BOBJ1	202.5	Before	Right Exterior Girder	202.5	0.95	1	1	33.500637
Overweight Permit_str	BOBJ1	202.5	After	Left Exterior Girder	202.5	0.95	1	1	33.687916
Overweight Permit_str	BOBJ1	202.5	After	Interior Girder 1	202.5	0.95	1	1	39.359703
Overweight Permit_str	BOBJ1	202.5	After	Interior Girder 2	202.5	0.95	1	1	39.359702
Overweight Permit_str	BOBJ1	202.5	After	Right Exterior Girder	202.5	0.95	1	1	33.687917
Overweight Permit_str	BOBJ1	210.5642	Before	Left Exterior Girder	210.5642	0.95	1	1	33.528738
Overweight Permit_str	BOBJ1	210.5642	Before	Interior Girder 1	210.5642	0.95	1	1	39.161233
Overweight Permit_str	BOBJ1	210.5642	Before	Interior Girder 2	210.5642	0.95	1	1	39.161232
Overweight Permit_str	BOBJ1	210.5642	Before	Right Exterior Girder	210.5642	0.95	1	1	33.528739
Overweight Permit_str	BOBJ1	210.5642	After	Left Exterior Girder	210.5642	0.95	1	1	39.78682
Overweight Permit_str	BOBJ1	210.5642	After	Interior Girder 1	210.5642	0.95	1	1	44.547649
Overweight Permit_str	BOBJ1	210.5642	After	Interior Girder 2	210.5642	0.95	1	1	44.547648
Overweight Permit_str	BOBJ1	210.5642	After	Right Exterior Girder	210.5642	0.95	1	1	39.786821
Overweight Permit_str	BOBJ1	213.75	Before	Left Exterior Girder	213.75	0.95	1	1	39.717691
Overweight Permit_str	BOBJ1	213.75	Before	Interior Girder 1	213.75	0.95	1	1	44.465745
Overweight Permit_str	BOBJ1	213.75	Before	Interior Girder 2	213.75	0.95	1	1	44.465744
Overweight Permit_str	BOBJ1	213.75	Before	Right Exterior Girder	213.75	0.95	1	1	39.717691
Overweight Permit_str	BOBJ1	213.75	After	Left Exterior Girder	213.75	0.95	1	1	39.355767
Overweight Permit_str	BOBJ1	213.75	After	Interior Girder 1	213.75	0.95	1	1	43.252194
Overweight Permit_str	BOBJ1	213.75	After	Interior Girder 2	213.75	0.95	1	1	43.252193
Overweight Permit_str	BOBJ1	213.75	After	Right Exterior Girder	213.75	0.95	1	1	39.355768
Overweight Permit_str	BOBJ1	225	Before	Left Exterior Girder	225	0.95	1	1	39.113681
Overweight Permit_str	BOBJ1	225	Before	Interior Girder 1	225	0.95	1	1	42.970584
Overweight Permit_str	BOBJ1	225	Before	Interior Girder 2	225	0.95	1	1	42.970583
Overweight Permit_str	BOBJ1	225	Before	Right Exterior Girder	225	0.95	1	1	39.113681
Overweight Permit_str	BOBJ1	225	After	Left Exterior Girder	0	0.95	1	1	36.037522
Overweight Permit_str	BOBJ1	225	After	Interior Girder 1	0	0.95	1	1	39.214679
Overweight Permit_str	BOBJ1	225	After	Interior Girder 2	0	0.95	1	1	39.214679
Overweight Permit_str	BOBJ1	225	After	Right Exterior Girder	0	0.95	1	1	36.037521
Overweight Permit_str	BOBJ1	236.45	Before	Left Exterior Girder	11.45	0.95	1	1	37.353503
Overweight Permit_str	BOBJ1	236.45	Before	Interior Girder 1	11.45	0.95	1	1	42.107053
Overweight Permit_str	BOBJ1	236.45	Before	Interior Girder 2	11.45	0.95	1	1	42.107054
Overweight Permit_str	BOBJ1	236.45	Before	Right Exterior Girder	11.45	0.95	1	1	37.353503
Overweight Permit_str	BOBJ1	236.45	After	Left Exterior Girder	11.45	0.95	1	1	37.531151
Overweight Permit_str	BOBJ1	236.45	After	Interior Girder 1	11.45	0.95	1	1	42.836788
Overweight Permit_str	BOBJ1	236.45	After	Interior Girder 2	11.45	0.95	1	1	42.836788
Overweight Permit_str	BOBJ1	236.45	After	Right Exterior Girder	11.45	0.95	1	1	37.531151
Overweight Permit_str	BOBJ1	239.5082	Before	Left Exterior Girder	14.5082	0.95	1	1	37.594517
Overweight Permit_str	BOBJ1	239.5082	Before	Interior Girder 1	14.5082	0.95	1	1	42.913291
Overweight Permit_str	BOBJ1	239.5082	Before	Interior Girder 2	14.5082	0.95	1	1	42.913291
Overweight Permit_str	BOBJ1	239.5082	Before	Right Exterior Girder	14.5082	0.95	1	1	37.594517
Overweight Permit_str	BOBJ1	239.5082	After	Left Exterior Girder	14.5082	0.95	1	1	31.414949
Overweight Permit_str	BOBJ1	239.5082	After	Interior Girder 1	14.5082	0.95	1	1	37.549887
Overweight Permit_str	BOBJ1	239.5082	After	Interior Girder 2	14.5082	0.95	1	1	37.549887
Overweight Permit_str	BOBJ1	239.5082	After	Right Exterior Girder	14.5082	0.95	1	1	31.414948
Overweight Permit_str	BOBJ1	247.9	Before	Left Exterior Girder	22.9	0.95	1	1	31.572192
Overweight Permit_str	BOBJ1	247.9	Before	Interior Girder 1	22.9	0.95	1	1	37.750438
Overweight Permit_str	BOBJ1	247.9	Before	Interior Girder 2	22.9	0.95	1	1	37.750438
Overweight Permit_str	BOBJ1	247.9	Before	Right Exterior Girder	22.9	0.95	1	1	31.572192
Overweight Permit_str	BOBJ1	247.9	After	Left Exterior Girder	22.9	0.95	1	1	33.528214
Overweight Permit_str	BOBJ1	247.9	After	Interior Girder 1	22.9	0.95	1	1	41.195977
Overweight Permit_str	BOBJ1	247.9	After	Interior Girder 2	22.9	0.95	1	1	41.195977
Overweight Permit_str	BOBJ1	247.9	After	Right Exterior Girder	22.9	0.95	1	1	33.528214
Overweight Permit_str	BOBJ1	258.5189	Before	Left Exterior Girder	33.5189	0.95	1	1	33.739035
Overweight Permit_str	BOBJ1	258.5189	Before	Interior Girder 1	33.5189	0.95	1	1	41.472357
Overweight Permit_str	BOBJ1	258.5189	Before	Interior Girder 2	33.5189	0.95	1	1	41.472358
Overweight Permit_str	BOBJ1	258.5189	Before	Right Exterior Girder	33.5189	0.95	1	1	33.739034
Overweight Permit_str	BOBJ1	258.5189	After	Left Exterior Girder	33.5189	0.95	1	1	25.101189
Overweight Permit_str	BOBJ1	258.5189	After	Interior Girder 1	33.5189	0.95	1	1	33.247629
Overweight Permit_str	BOBJ1	258.5189	After	Interior Girder 2	33.5189	0.95	1	1	33.24763
Overweight Permit_str	BOBJ1	258.5189	After	Right Exterior Girder	33.5189	0.95	1	1	25.101188
Overweight Permit_str	BOBJ1	259.3	Before	Left Exterior Girder	34.3	0.95	1	1	25.114177
Overweight Permit_str	BOBJ1	259.3	Before	Interior Girder 1	34.3	0.95	1	1	33.266062
Overweight Permit_str	BOBJ1	259.3	Before	Interior Girder 2	34.3	0.95	1	1	33.266063
Overweight Permit_str	BOBJ1	259.3	Before	Right Exterior Girder	34.3	0.95	1	1	25.114176

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Main Span Girders									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Overweight Permit_str	BOBJ1	259.3	After	Left Exterior Girder	34.3	0.95	1	1	26.39709
Overweight Permit_str	BOBJ1	259.3	After	Interior Girder 1	34.3	0.95	1	1	33.742052
Overweight Permit_str	BOBJ1	259.3	After	Interior Girder 2	34.3	0.95	1	1	33.742052
Overweight Permit_str	BOBJ1	259.3	After	Right Exterior Girder	34.3	0.95	1	1	26.397089
Overweight Permit_str	BOBJ1	266.1031	Before	Left Exterior Girder	41.1031	0.95	1	1	26.515484
Overweight Permit_str	BOBJ1	266.1031	Before	Interior Girder 1	41.1031	0.95	1	1	33.905296
Overweight Permit_str	BOBJ1	266.1031	Before	Interior Girder 2	41.1031	0.95	1	1	33.905297
Overweight Permit_str	BOBJ1	266.1031	Before	Right Exterior Girder	41.1031	0.95	1	1	26.515483
Overweight Permit_str	BOBJ1	266.1031	After	Left Exterior Girder	41.1031	0.95	1	1	16.802377
Overweight Permit_str	BOBJ1	266.1031	After	Interior Girder 1	41.1031	0.95	1	1	21.979097
Overweight Permit_str	BOBJ1	266.1031	After	Interior Girder 2	41.1031	0.95	1	1	21.979097
Overweight Permit_str	BOBJ1	266.1031	After	Right Exterior Girder	41.1031	0.95	1	1	16.802376
Overweight Permit_str	BOBJ1	270.7	Before	Left Exterior Girder	45.7	0.95	1	1	16.866663
Overweight Permit_str	BOBJ1	270.7	Before	Interior Girder 1	45.7	0.95	1	1	22.071519
Overweight Permit_str	BOBJ1	270.7	Before	Interior Girder 2	45.7	0.95	1	1	22.07152
Overweight Permit_str	BOBJ1	270.7	Before	Right Exterior Girder	45.7	0.95	1	1	16.866662
Overweight Permit_str	BOBJ1	270.7	After	Left Exterior Girder	45.7	0.95	1	1	16.976612
Overweight Permit_str	BOBJ1	270.7	After	Interior Girder 1	45.7	0.95	1	1	21.472835
Overweight Permit_str	BOBJ1	270.7	After	Interior Girder 2	45.7	0.95	1	1	21.472835
Overweight Permit_str	BOBJ1	270.7	After	Right Exterior Girder	45.7	0.95	1	1	16.976611
Overweight Permit_str	BOBJ1	273.6874	Before	Left Exterior Girder	48.6874	0.95	1	1	17.018582
Overweight Permit_str	BOBJ1	273.6874	Before	Interior Girder 1	48.6874	0.95	1	1	21.531086
Overweight Permit_str	BOBJ1	273.6874	Before	Interior Girder 2	48.6874	0.95	1	1	21.531087
Overweight Permit_str	BOBJ1	273.6874	Before	Right Exterior Girder	48.6874	0.95	1	1	17.018581
Overweight Permit_str	BOBJ1	273.6874	After	Left Exterior Girder	48.6874	0.95	1	1	11.466214
Overweight Permit_str	BOBJ1	273.6874	After	Interior Girder 1	48.6874	0.95	1	1	15.077536
Overweight Permit_str	BOBJ1	273.6874	After	Interior Girder 2	48.6874	0.95	1	1	15.077536
Overweight Permit_str	BOBJ1	273.6874	After	Right Exterior Girder	48.6874	0.95	1	1	11.466213
Overweight Permit_str	BOBJ1	282.15	Before	Left Exterior Girder	57.15	0.95	1	1	11.568802
Overweight Permit_str	BOBJ1	282.15	Before	Interior Girder 1	57.15	0.95	1	1	15.228852
Overweight Permit_str	BOBJ1	282.15	Before	Interior Girder 2	57.15	0.95	1	1	15.228852
Overweight Permit_str	BOBJ1	282.15	Before	Right Exterior Girder	57.15	0.95	1	1	11.568801
Overweight Permit_str	BOBJ1	282.15	After	Left Exterior Girder	57.15	0.95	1	1	11.978147
Overweight Permit_str	BOBJ1	282.15	After	Interior Girder 1	57.15	0.95	1	1	16.017886
Overweight Permit_str	BOBJ1	282.15	After	Interior Girder 2	57.15	0.95	1	1	16.017886
Overweight Permit_str	BOBJ1	282.15	After	Right Exterior Girder	57.15	0.95	1	1	11.978147
Overweight Permit_str	BOBJ1	293.6	Before	Left Exterior Girder	68.6	0.95	1	1	12.696595
Overweight Permit_str	BOBJ1	293.6	Before	Interior Girder 1	68.6	0.95	1	1	17.437626
Overweight Permit_str	BOBJ1	293.6	Before	Interior Girder 2	68.6	0.95	1	1	17.437626
Overweight Permit_str	BOBJ1	293.6	Before	Right Exterior Girder	68.6	0.95	1	1	12.696594
Overweight Permit_str	BOBJ1	293.6	After	Left Exterior Girder	68.6	0.95	1	1	13.015439
Overweight Permit_str	BOBJ1	293.6	After	Interior Girder 1	68.6	0.95	1	1	16.726943
Overweight Permit_str	BOBJ1	293.6	After	Interior Girder 2	68.6	0.95	1	1	16.726943
Overweight Permit_str	BOBJ1	293.6	After	Right Exterior Girder	68.6	0.95	1	1	13.015439
Overweight Permit_str	BOBJ1	305	Before	Left Exterior Girder	80	0.95	1	1	13.849991
Overweight Permit_str	BOBJ1	305	Before	Interior Girder 1	80	0.95	1	1	18.08772
Overweight Permit_str	BOBJ1	305	Before	Interior Girder 2	80	0.95	1	1	18.08772
Overweight Permit_str	BOBJ1	305	Before	Right Exterior Girder	80	0.95	1	1	13.849991
Overweight Permit_str	BOBJ1	305	After	Left Exterior Girder	80	0.95	1	1	13.491361
Overweight Permit_str	BOBJ1	305	After	Interior Girder 1	80	0.95	1	1	18.146315
Overweight Permit_str	BOBJ1	305	After	Interior Girder 2	80	0.95	1	1	18.146315
Overweight Permit_str	BOBJ1	305	After	Right Exterior Girder	80	0.95	1	1	13.491361
Overweight Permit_str	BOBJ1	306.9561	Before	Left Exterior Girder	81.9561	0.95	1	1	13.517993
Overweight Permit_str	BOBJ1	306.9561	Before	Interior Girder 1	81.9561	0.95	1	1	18.1862
Overweight Permit_str	BOBJ1	306.9561	Before	Interior Girder 2	81.9561	0.95	1	1	18.1862
Overweight Permit_str	BOBJ1	306.9561	Before	Right Exterior Girder	81.9561	0.95	1	1	13.517993
Overweight Permit_str	BOBJ1	306.9561	After	Left Exterior Girder	81.9561	0.95	1	1	25.58425
Overweight Permit_str	BOBJ1	306.9561	After	Interior Girder 1	81.9561	0.95	1	1	34.38595
Overweight Permit_str	BOBJ1	306.9561	After	Interior Girder 2	81.9561	0.95	1	1	34.38595
Overweight Permit_str	BOBJ1	306.9561	After	Right Exterior Girder	81.9561	0.95	1	1	25.584251
Overweight Permit_str	BOBJ1	316.4	Before	Left Exterior Girder	91.4	0.95	1	1	25.768258
Overweight Permit_str	BOBJ1	316.4	Before	Interior Girder 1	91.4	0.95	1	1	34.656997
Overweight Permit_str	BOBJ1	316.4	Before	Interior Girder 2	91.4	0.95	1	1	34.656997
Overweight Permit_str	BOBJ1	316.4	Before	Right Exterior Girder	91.4	0.95	1	1	25.768259
Overweight Permit_str	BOBJ1	316.4	After	Left Exterior Girder	91.4	0.95	1	1	26.263406
Overweight Permit_str	BOBJ1	316.4	After	Interior Girder 1	91.4	0.95	1	1	32.2703
Overweight Permit_str	BOBJ1	316.4	After	Interior Girder 2	91.4	0.95	1	1	32.2703
Overweight Permit_str	BOBJ1	316.4	After	Right Exterior Girder	91.4	0.95	1	1	26.263407

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Main Span Girders									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Overweight Permit_str	BOBJ1	327.85	Before	Left Exterior Girder	102.9679	0.95	1	1	28.017819
Overweight Permit_str	BOBJ1	327.85	Before	Interior Girder 1	102.9679	0.95	1	1	35.02824
Overweight Permit_str	BOBJ1	327.85	Before	Interior Girder 2	102.9679	0.95	1	1	35.028241
Overweight Permit_str	BOBJ1	327.85	Before	Right Exterior Girder	102.9679	0.95	1	1	28.017819
Overweight Permit_str	BOBJ1	327.85	After	Left Exterior Girder	102.9679	0.95	1	1	44.72548
Overweight Permit_str	BOBJ1	327.85	After	Interior Girder 1	102.9679	0.95	1	1	55.854865
Overweight Permit_str	BOBJ1	327.85	After	Interior Girder 2	102.9679	0.95	1	1	55.854867
Overweight Permit_str	BOBJ1	327.85	After	Right Exterior Girder	102.9679	0.95	1	1	44.725481
Overweight Permit_str	BOBJ1	339.3	Before	Left Exterior Girder	114.3	0.95	1	1	47.785848
Overweight Permit_str	BOBJ1	339.3	Before	Interior Girder 1	114.3	0.95	1	1	60.460099
Overweight Permit_str	BOBJ1	339.3	Before	Interior Girder 2	114.3	0.95	1	1	60.460099
Overweight Permit_str	BOBJ1	339.3	Before	Right Exterior Girder	114.3	0.95	1	1	47.785849
Overweight Permit_str	BOBJ1	339.3	After	Left Exterior Girder	114.3	0.95	1	1	48.666175
Overweight Permit_str	BOBJ1	339.3	After	Interior Girder 1	114.3	0.95	1	1	55.758088
Overweight Permit_str	BOBJ1	339.3	After	Interior Girder 2	114.3	0.95	1	1	55.758086
Overweight Permit_str	BOBJ1	339.3	After	Right Exterior Girder	114.3	0.95	1	1	48.666175
Overweight Permit_str	BOBJ1	350.7	Before	Left Exterior Girder	125.7	0.95	1	1	52.218613
Overweight Permit_str	BOBJ1	350.7	Before	Interior Girder 1	125.7	0.95	1	1	60.624895
Overweight Permit_str	BOBJ1	350.7	Before	Interior Girder 2	125.7	0.95	1	1	60.624893
Overweight Permit_str	BOBJ1	350.7	Before	Right Exterior Girder	125.7	0.95	1	1	52.218613
Overweight Permit_str	BOBJ1	350.7	After	Left Exterior Girder	125.7	0.95	1	1	54.89672
Overweight Permit_str	BOBJ1	350.7	After	Interior Girder 1	125.7	0.95	1	1	63.313902
Overweight Permit_str	BOBJ1	350.7	After	Interior Girder 2	125.7	0.95	1	1	63.3139
Overweight Permit_str	BOBJ1	350.7	After	Right Exterior Girder	125.7	0.95	1	1	54.89672
Overweight Permit_str	BOBJ1	362.1	Before	Left Exterior Girder	137.1	0.95	1	1	59.289998
Overweight Permit_str	BOBJ1	362.1	Before	Interior Girder 1	137.1	0.95	1	1	68.941601
Overweight Permit_str	BOBJ1	362.1	Before	Interior Girder 2	137.1	0.95	1	1	68.941601
Overweight Permit_str	BOBJ1	362.1	Before	Right Exterior Girder	137.1	0.95	1	1	59.289999
Overweight Permit_str	BOBJ1	362.1	After	Left Exterior Girder	137.1	0.95	1	1	60.482051
Overweight Permit_str	BOBJ1	362.1	After	Interior Girder 1	137.1	0.95	1	1	62.819346
Overweight Permit_str	BOBJ1	362.1	After	Interior Girder 2	137.1	0.95	1	1	62.819347
Overweight Permit_str	BOBJ1	362.1	After	Right Exterior Girder	137.1	0.95	1	1	60.482051
Overweight Permit_str	BOBJ1	373.55	Before	Left Exterior Girder	148.55	0.95	1	1	65.722677
Overweight Permit_str	BOBJ1	373.55	Before	Interior Girder 1	148.55	0.95	1	1	68.719127
Overweight Permit_str	BOBJ1	373.55	Before	Interior Girder 2	148.55	0.95	1	1	68.719127
Overweight Permit_str	BOBJ1	373.55	Before	Right Exterior Girder	148.55	0.95	1	1	65.722676
Overweight Permit_str	BOBJ1	373.55	After	Left Exterior Girder	148.55	0.95	1	1	69.745663
Overweight Permit_str	BOBJ1	373.55	After	Interior Girder 1	148.55	0.95	1	1	71.94701
Overweight Permit_str	BOBJ1	373.55	After	Interior Girder 2	148.55	0.95	1	1	71.94701
Overweight Permit_str	BOBJ1	373.55	After	Right Exterior Girder	148.55	0.95	1	1	69.745662
Overweight Permit_str	BOBJ1	385	Before	Left Exterior Girder	160	0.95	1	1	76.389439
Overweight Permit_str	BOBJ1	385	Before	Interior Girder 1	160	0.95	1	1	71.007828
Overweight Permit_str	BOBJ1	385	Before	Interior Girder 2	160	0.95	1	1	71.007826
Overweight Permit_str	BOBJ1	385	Before	Right Exterior Girder	160	0.95	1	1	76.389438
Overweight Permit_str	BOBJ1	385	After	Left Exterior Girder	160	0.95	1	1	76.389443
Overweight Permit_str	BOBJ1	385	After	Interior Girder 1	160	0.95	1	1	71.007821
Overweight Permit_str	BOBJ1	385	After	Interior Girder 2	160	0.95	1	1	71.007824
Overweight Permit_str	BOBJ1	385	After	Right Exterior Girder	160	0.95	1	1	76.389445
Overweight Permit_str	BOBJ1	396.45	Before	Left Exterior Girder	171.45	0.95	1	1	69.745665
Overweight Permit_str	BOBJ1	396.45	Before	Interior Girder 1	171.45	0.95	1	1	71.947014
Overweight Permit_str	BOBJ1	396.45	Before	Interior Girder 2	171.45	0.95	1	1	71.947013
Overweight Permit_str	BOBJ1	396.45	Before	Right Exterior Girder	171.45	0.95	1	1	69.745667
Overweight Permit_str	BOBJ1	396.45	After	Left Exterior Girder	171.45	0.95	1	1	65.722679
Overweight Permit_str	BOBJ1	396.45	After	Interior Girder 1	171.45	0.95	1	1	68.719131
Overweight Permit_str	BOBJ1	396.45	After	Interior Girder 2	171.45	0.95	1	1	68.71913
Overweight Permit_str	BOBJ1	396.45	After	Right Exterior Girder	171.45	0.95	1	1	65.72268
Overweight Permit_str	BOBJ1	407.9	Before	Left Exterior Girder	182.9	0.95	1	1	60.482054
Overweight Permit_str	BOBJ1	407.9	Before	Interior Girder 1	182.9	0.95	1	1	62.819352
Overweight Permit_str	BOBJ1	407.9	Before	Interior Girder 2	182.9	0.95	1	1	62.819349
Overweight Permit_str	BOBJ1	407.9	Before	Right Exterior Girder	182.9	0.95	1	1	60.482054
Overweight Permit_str	BOBJ1	407.9	After	Left Exterior Girder	182.9	0.95	1	1	59.29
Overweight Permit_str	BOBJ1	407.9	After	Interior Girder 1	182.9	0.95	1	1	68.941608
Overweight Permit_str	BOBJ1	407.9	After	Interior Girder 2	182.9	0.95	1	1	68.941604
Overweight Permit_str	BOBJ1	407.9	After	Right Exterior Girder	182.9	0.95	1	1	59.289999
Overweight Permit_str	BOBJ1	419.3	Before	Left Exterior Girder	194.3	0.95	1	1	54.896721
Overweight Permit_str	BOBJ1	419.3	Before	Interior Girder 1	194.3	0.95	1	1	63.313905
Overweight Permit_str	BOBJ1	419.3	Before	Interior Girder 2	194.3	0.95	1	1	63.313904
Overweight Permit_str	BOBJ1	419.3	Before	Right Exterior Girder	194.3	0.95	1	1	54.896721

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Main Span Girders									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Overweight Permit_str	BOBJ1	419.3	After	Left Exterior Girder	194.3	0.95	1	1	52.218614
Overweight Permit_str	BOBJ1	419.3	After	Interior Girder 1	194.3	0.95	1	1	60.624898
Overweight Permit_str	BOBJ1	419.3	After	Interior Girder 2	194.3	0.95	1	1	60.624896
Overweight Permit_str	BOBJ1	419.3	After	Right Exterior Girder	194.3	0.95	1	1	52.218614
Overweight Permit_str	BOBJ1	430.7	Before	Left Exterior Girder	205.7	0.95	1	1	48.666176
Overweight Permit_str	BOBJ1	430.7	Before	Interior Girder 1	205.7	0.95	1	1	55.758092
Overweight Permit_str	BOBJ1	430.7	Before	Interior Girder 2	205.7	0.95	1	1	55.758089
Overweight Permit_str	BOBJ1	430.7	Before	Right Exterior Girder	205.7	0.95	1	1	48.666176
Overweight Permit_str	BOBJ1	430.7	After	Left Exterior Girder	205.7	0.95	1	1	47.785851
Overweight Permit_str	BOBJ1	430.7	After	Interior Girder 1	205.7	0.95	1	1	60.460101
Overweight Permit_str	BOBJ1	430.7	After	Interior Girder 2	205.7	0.95	1	1	60.460098
Overweight Permit_str	BOBJ1	430.7	After	Right Exterior Girder	205.7	0.95	1	1	47.785852
Overweight Permit_str	BOBJ1	442.15	Before	Left Exterior Girder	217.0321	0.95	1	1	44.725483
Overweight Permit_str	BOBJ1	442.15	Before	Interior Girder 1	217.0321	0.95	1	1	55.854866
Overweight Permit_str	BOBJ1	442.15	Before	Interior Girder 2	217.0321	0.95	1	1	55.854865
Overweight Permit_str	BOBJ1	442.15	Before	Right Exterior Girder	217.0321	0.95	1	1	44.725484
Overweight Permit_str	BOBJ1	442.15	After	Left Exterior Girder	217.0321	0.95	1	1	28.01782
Overweight Permit_str	BOBJ1	442.15	After	Interior Girder 1	217.0321	0.95	1	1	35.028241
Overweight Permit_str	BOBJ1	442.15	After	Interior Girder 2	217.0321	0.95	1	1	35.02824
Overweight Permit_str	BOBJ1	442.15	After	Right Exterior Girder	217.0321	0.95	1	1	28.017821
Overweight Permit_str	BOBJ1	453.6	Before	Left Exterior Girder	228.6	0.95	1	1	26.263408
Overweight Permit_str	BOBJ1	453.6	Before	Interior Girder 1	228.6	0.95	1	1	32.2703
Overweight Permit_str	BOBJ1	453.6	Before	Interior Girder 2	228.6	0.95	1	1	32.270299
Overweight Permit_str	BOBJ1	453.6	Before	Right Exterior Girder	228.6	0.95	1	1	26.263409
Overweight Permit_str	BOBJ1	453.6	After	Left Exterior Girder	228.6	0.95	1	1	25.76826
Overweight Permit_str	BOBJ1	453.6	After	Interior Girder 1	228.6	0.95	1	1	34.656997
Overweight Permit_str	BOBJ1	453.6	After	Interior Girder 2	228.6	0.95	1	1	34.656996
Overweight Permit_str	BOBJ1	453.6	After	Right Exterior Girder	228.6	0.95	1	1	25.768259
Overweight Permit_str	BOBJ1	463.0439	Before	Left Exterior Girder	238.0439	0.95	1	1	25.584252
Overweight Permit_str	BOBJ1	463.0439	Before	Interior Girder 1	238.0439	0.95	1	1	34.38595
Overweight Permit_str	BOBJ1	463.0439	Before	Interior Girder 2	238.0439	0.95	1	1	34.385949
Overweight Permit_str	BOBJ1	463.0439	Before	Right Exterior Girder	238.0439	0.95	1	1	25.584251
Overweight Permit_str	BOBJ1	463.0439	After	Left Exterior Girder	238.0439	0.95	1	1	13.517994
Overweight Permit_str	BOBJ1	463.0439	After	Interior Girder 1	238.0439	0.95	1	1	18.186201
Overweight Permit_str	BOBJ1	463.0439	After	Interior Girder 2	238.0439	0.95	1	1	18.1862
Overweight Permit_str	BOBJ1	463.0439	After	Right Exterior Girder	238.0439	0.95	1	1	13.517993
Overweight Permit_str	BOBJ1	465	Before	Left Exterior Girder	240	0.95	1	1	13.491362
Overweight Permit_str	BOBJ1	465	Before	Interior Girder 1	240	0.95	1	1	18.146315
Overweight Permit_str	BOBJ1	465	Before	Interior Girder 2	240	0.95	1	1	18.146315
Overweight Permit_str	BOBJ1	465	Before	Right Exterior Girder	240	0.95	1	1	13.491361
Overweight Permit_str	BOBJ1	465	After	Left Exterior Girder	240	0.95	1	1	13.849992
Overweight Permit_str	BOBJ1	465	After	Interior Girder 1	240	0.95	1	1	18.08772
Overweight Permit_str	BOBJ1	465	After	Interior Girder 2	240	0.95	1	1	18.087719
Overweight Permit_str	BOBJ1	465	After	Right Exterior Girder	240	0.95	1	1	13.849991
Overweight Permit_str	BOBJ1	476.4	Before	Left Exterior Girder	251.4	0.95	1	1	13.015439
Overweight Permit_str	BOBJ1	476.4	Before	Interior Girder 1	251.4	0.95	1	1	16.726943
Overweight Permit_str	BOBJ1	476.4	Before	Interior Girder 2	251.4	0.95	1	1	16.726943
Overweight Permit_str	BOBJ1	476.4	Before	Right Exterior Girder	251.4	0.95	1	1	13.015439
Overweight Permit_str	BOBJ1	476.4	After	Left Exterior Girder	251.4	0.95	1	1	12.696595
Overweight Permit_str	BOBJ1	476.4	After	Interior Girder 1	251.4	0.95	1	1	17.437626
Overweight Permit_str	BOBJ1	476.4	After	Interior Girder 2	251.4	0.95	1	1	17.437627
Overweight Permit_str	BOBJ1	476.4	After	Right Exterior Girder	251.4	0.95	1	1	12.696594
Overweight Permit_str	BOBJ1	487.85	Before	Left Exterior Girder	262.85	0.95	1	1	11.978147
Overweight Permit_str	BOBJ1	487.85	Before	Interior Girder 1	262.85	0.95	1	1	16.017886
Overweight Permit_str	BOBJ1	487.85	Before	Interior Girder 2	262.85	0.95	1	1	16.017887
Overweight Permit_str	BOBJ1	487.85	Before	Right Exterior Girder	262.85	0.95	1	1	11.978147
Overweight Permit_str	BOBJ1	487.85	After	Left Exterior Girder	262.85	0.95	1	1	11.568802
Overweight Permit_str	BOBJ1	487.85	After	Interior Girder 1	262.85	0.95	1	1	15.228852
Overweight Permit_str	BOBJ1	487.85	After	Interior Girder 2	262.85	0.95	1	1	15.228853
Overweight Permit_str	BOBJ1	487.85	After	Right Exterior Girder	262.85	0.95	1	1	11.568801
Overweight Permit_str	BOBJ1	496.3126	Before	Left Exterior Girder	271.3126	0.95	1	1	11.466214
Overweight Permit_str	BOBJ1	496.3126	Before	Interior Girder 1	271.3126	0.95	1	1	15.077536
Overweight Permit_str	BOBJ1	496.3126	Before	Interior Girder 2	271.3126	0.95	1	1	15.077537
Overweight Permit_str	BOBJ1	496.3126	Before	Right Exterior Girder	271.3126	0.95	1	1	11.466214
Overweight Permit_str	BOBJ1	496.3126	After	Left Exterior Girder	271.3126	0.95	1	1	17.018582
Overweight Permit_str	BOBJ1	496.3126	After	Interior Girder 1	271.3126	0.95	1	1	21.531087
Overweight Permit_str	BOBJ1	496.3126	After	Interior Girder 2	271.3126	0.95	1	1	21.531088
Overweight Permit_str	BOBJ1	496.3126	After	Right Exterior Girder	271.3126	0.95	1	1	17.018581

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Main Span Girders									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Overweight Permit_str	BOBJ1	499.3	Before	Left Exterior Girder	274.3	0.95	1	1	16.976611
Overweight Permit_str	BOBJ1	499.3	Before	Interior Girder 1	274.3	0.95	1	1	21.472836
Overweight Permit_str	BOBJ1	499.3	Before	Interior Girder 2	274.3	0.95	1	1	21.472837
Overweight Permit_str	BOBJ1	499.3	Before	Right Exterior Girder	274.3	0.95	1	1	16.976611
Overweight Permit_str	BOBJ1	499.3	After	Left Exterior Girder	274.3	0.95	1	1	16.866492
Overweight Permit_str	BOBJ1	499.3	After	Interior Girder 1	274.3	0.95	1	1	22.07152
Overweight Permit_str	BOBJ1	499.3	After	Interior Girder 2	274.3	0.95	1	1	22.071521
Overweight Permit_str	BOBJ1	499.3	After	Right Exterior Girder	274.3	0.95	1	1	16.866491
Overweight Permit_str	BOBJ1	503.8969	Before	Left Exterior Girder	278.8969	0.95	1	1	16.802207
Overweight Permit_str	BOBJ1	503.8969	Before	Interior Girder 1	278.8969	0.95	1	1	21.979097
Overweight Permit_str	BOBJ1	503.8969	Before	Interior Girder 2	278.8969	0.95	1	1	21.979098
Overweight Permit_str	BOBJ1	503.8969	Before	Right Exterior Girder	278.8969	0.95	1	1	16.802206
Overweight Permit_str	BOBJ1	503.8969	After	Left Exterior Girder	278.8969	0.95	1	1	26.515336
Overweight Permit_str	BOBJ1	503.8969	After	Interior Girder 1	278.8969	0.95	1	1	33.905296
Overweight Permit_str	BOBJ1	503.8969	After	Interior Girder 2	278.8969	0.95	1	1	33.905298
Overweight Permit_str	BOBJ1	503.8969	After	Right Exterior Girder	278.8969	0.95	1	1	26.515335
Overweight Permit_str	BOBJ1	510.7	Before	Left Exterior Girder	285.7	0.95	1	1	26.396942
Overweight Permit_str	BOBJ1	510.7	Before	Interior Girder 1	285.7	0.95	1	1	33.742052
Overweight Permit_str	BOBJ1	510.7	Before	Interior Girder 2	285.7	0.95	1	1	33.742054
Overweight Permit_str	BOBJ1	510.7	Before	Right Exterior Girder	285.7	0.95	1	1	26.396941
Overweight Permit_str	BOBJ1	510.7	After	Left Exterior Girder	285.7	0.95	1	1	24.071677
Overweight Permit_str	BOBJ1	510.7	After	Interior Girder 1	285.7	0.95	1	1	30.425002
Overweight Permit_str	BOBJ1	510.7	After	Interior Girder 2	285.7	0.95	1	1	30.425003
Overweight Permit_str	BOBJ1	510.7	After	Right Exterior Girder	285.7	0.95	1	1	24.071676
Overweight Permit_str	BOBJ1	511.4811	Before	Left Exterior Girder	286.4811	0.95	1	1	24.059228
Overweight Permit_str	BOBJ1	511.4811	Before	Interior Girder 1	286.4811	0.95	1	1	30.408143
Overweight Permit_str	BOBJ1	511.4811	Before	Interior Girder 2	286.4811	0.95	1	1	30.408144
Overweight Permit_str	BOBJ1	511.4811	Before	Right Exterior Girder	286.4811	0.95	1	1	24.059227
Overweight Permit_str	BOBJ1	511.4811	After	Left Exterior Girder	286.4811	0.95	1	1	33.88475
Overweight Permit_str	BOBJ1	511.4811	After	Interior Girder 1	286.4811	0.95	1	1	41.798645
Overweight Permit_str	BOBJ1	511.4811	After	Interior Girder 2	286.4811	0.95	1	1	41.798647
Overweight Permit_str	BOBJ1	511.4811	After	Right Exterior Girder	286.4811	0.95	1	1	33.884749
Overweight Permit_str	BOBJ1	522.1	Before	Left Exterior Girder	297.1	0.95	1	1	33.673019
Overweight Permit_str	BOBJ1	522.1	Before	Interior Girder 1	297.1	0.95	1	1	41.520089
Overweight Permit_str	BOBJ1	522.1	Before	Interior Girder 2	297.1	0.95	1	1	41.520091
Overweight Permit_str	BOBJ1	522.1	Before	Right Exterior Girder	297.1	0.95	1	1	33.673018
Overweight Permit_str	BOBJ1	522.1	After	Left Exterior Girder	297.1	0.95	1	1	31.571112
Overweight Permit_str	BOBJ1	522.1	After	Interior Girder 1	297.1	0.95	1	1	37.749263
Overweight Permit_str	BOBJ1	522.1	After	Interior Girder 2	297.1	0.95	1	1	37.749264
Overweight Permit_str	BOBJ1	522.1	After	Right Exterior Girder	297.1	0.95	1	1	31.571112
Overweight Permit_str	BOBJ1	530.4918	Before	Left Exterior Girder	305.4918	0.95	1	1	31.413874
Overweight Permit_str	BOBJ1	530.4918	Before	Interior Girder 1	305.4918	0.95	1	1	37.548719
Overweight Permit_str	BOBJ1	530.4918	Before	Interior Girder 2	305.4918	0.95	1	1	37.54872
Overweight Permit_str	BOBJ1	530.4918	Before	Right Exterior Girder	305.4918	0.95	1	1	31.413874
Overweight Permit_str	BOBJ1	530.4918	After	Left Exterior Girder	305.4918	0.95	1	1	37.593431
Overweight Permit_str	BOBJ1	530.4918	After	Interior Girder 1	305.4918	0.95	1	1	42.905202
Overweight Permit_str	BOBJ1	530.4918	After	Interior Girder 2	305.4918	0.95	1	1	42.905202
Overweight Permit_str	BOBJ1	530.4918	After	Right Exterior Girder	305.4918	0.95	1	1	37.593431
Overweight Permit_str	BOBJ1	533.55	Before	Left Exterior Girder	308.55	0.95	1	1	37.530067
Overweight Permit_str	BOBJ1	533.55	Before	Interior Girder 1	308.55	0.95	1	1	42.828713
Overweight Permit_str	BOBJ1	533.55	Before	Interior Girder 2	308.55	0.95	1	1	42.828714
Overweight Permit_str	BOBJ1	533.55	Before	Right Exterior Girder	308.55	0.95	1	1	37.530066
Overweight Permit_str	BOBJ1	533.55	After	Left Exterior Girder	308.55	0.95	1	1	37.351742
Overweight Permit_str	BOBJ1	533.55	After	Interior Girder 1	308.55	0.95	1	1	42.099977
Overweight Permit_str	BOBJ1	533.55	After	Interior Girder 2	308.55	0.95	1	1	42.099978
Overweight Permit_str	BOBJ1	533.55	After	Right Exterior Girder	308.55	0.95	1	1	37.351742
Overweight Permit_str	BOBJ1	545	Before	Left Exterior Girder	320	0.95	1	1	36.036085
Overweight Permit_str	BOBJ1	545	Before	Interior Girder 1	320	0.95	1	1	39.2111
Overweight Permit_str	BOBJ1	545	Before	Interior Girder 2	320	0.95	1	1	39.211101
Overweight Permit_str	BOBJ1	545	Before	Right Exterior Girder	320	0.95	1	1	36.036085
Overweight Permit_str	BOBJ1	545	After	Left Exterior Girder	0	0.95	1	1	39.11368
Overweight Permit_str	BOBJ1	545	After	Interior Girder 1	0	0.95	1	1	42.970582
Overweight Permit_str	BOBJ1	545	After	Interior Girder 2	0	0.95	1	1	42.970582
Overweight Permit_str	BOBJ1	545	After	Right Exterior Girder	0	0.95	1	1	39.11368
Overweight Permit_str	BOBJ1	556.25	Before	Left Exterior Girder	11.25	0.95	1	1	39.355766
Overweight Permit_str	BOBJ1	556.25	Before	Interior Girder 1	11.25	0.95	1	1	43.252193
Overweight Permit_str	BOBJ1	556.25	Before	Interior Girder 2	11.25	0.95	1	1	43.252193
Overweight Permit_str	BOBJ1	556.25	Before	Right Exterior Girder	11.25	0.95	1	1	39.355766

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Main Span Girders									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Overweight Permit_str	BOBJ1	556.25	After	Left Exterior Girder	11.25	0.95	1	1	39.71769
Overweight Permit_str	BOBJ1	556.25	After	Interior Girder 1	11.25	0.95	1	1	44.465743
Overweight Permit_str	BOBJ1	556.25	After	Interior Girder 2	11.25	0.95	1	1	44.465744
Overweight Permit_str	BOBJ1	556.25	After	Right Exterior Girder	11.25	0.95	1	1	39.71769
Overweight Permit_str	BOBJ1	559.4358	Before	Left Exterior Girder	14.4358	0.95	1	1	39.78682
Overweight Permit_str	BOBJ1	559.4358	Before	Interior Girder 1	14.4358	0.95	1	1	44.547647
Overweight Permit_str	BOBJ1	559.4358	Before	Interior Girder 2	14.4358	0.95	1	1	44.547647
Overweight Permit_str	BOBJ1	559.4358	Before	Right Exterior Girder	14.4358	0.95	1	1	39.786819
Overweight Permit_str	BOBJ1	559.4358	After	Left Exterior Girder	14.4358	0.95	1	1	33.528738
Overweight Permit_str	BOBJ1	559.4358	After	Interior Girder 1	14.4358	0.95	1	1	39.161231
Overweight Permit_str	BOBJ1	559.4358	After	Interior Girder 2	14.4358	0.95	1	1	39.161231
Overweight Permit_str	BOBJ1	559.4358	After	Right Exterior Girder	14.4358	0.95	1	1	33.528737
Overweight Permit_str	BOBJ1	567.5	Before	Left Exterior Girder	22.5	0.95	1	1	33.687915
Overweight Permit_str	BOBJ1	567.5	Before	Interior Girder 1	22.5	0.95	1	1	39.359701
Overweight Permit_str	BOBJ1	567.5	Before	Interior Girder 2	22.5	0.95	1	1	39.359702
Overweight Permit_str	BOBJ1	567.5	Before	Right Exterior Girder	22.5	0.95	1	1	33.687915
Overweight Permit_str	BOBJ1	567.5	After	Left Exterior Girder	22.5	0.95	1	1	33.500704
Overweight Permit_str	BOBJ1	567.5	After	Interior Girder 1	22.5	0.95	1	1	39.046062
Overweight Permit_str	BOBJ1	567.5	After	Interior Girder 2	22.5	0.95	1	1	39.046062
Overweight Permit_str	BOBJ1	567.5	After	Right Exterior Girder	22.5	0.95	1	1	33.500704
Overweight Permit_str	BOBJ1	570.0586	Before	Left Exterior Girder	25.0586	0.95	1	1	33.550877
Overweight Permit_str	BOBJ1	570.0586	Before	Interior Girder 1	25.0586	0.95	1	1	39.108417
Overweight Permit_str	BOBJ1	570.0586	Before	Interior Girder 2	25.0586	0.95	1	1	39.108417
Overweight Permit_str	BOBJ1	570.0586	Before	Right Exterior Girder	25.0586	0.95	1	1	33.550877
Overweight Permit_str	BOBJ1	570.0586	After	Left Exterior Girder	25.0586	0.95	1	1	27.055749
Overweight Permit_str	BOBJ1	570.0586	After	Interior Girder 1	25.0586	0.95	1	1	32.863947
Overweight Permit_str	BOBJ1	570.0586	After	Interior Girder 2	25.0586	0.95	1	1	32.863947
Overweight Permit_str	BOBJ1	570.0586	After	Right Exterior Girder	25.0586	0.95	1	1	27.055749
Overweight Permit_str	BOBJ1	578.75	Before	Left Exterior Girder	33.75	0.95	1	1	27.209513
Overweight Permit_str	BOBJ1	578.75	Before	Interior Girder 1	33.75	0.95	1	1	33.065563
Overweight Permit_str	BOBJ1	578.75	Before	Interior Girder 2	33.75	0.95	1	1	33.065563
Overweight Permit_str	BOBJ1	578.75	Before	Right Exterior Girder	33.75	0.95	1	1	27.209513
Overweight Permit_str	BOBJ1	578.75	After	Left Exterior Girder	33.75	0.95	1	1	28.697197
Overweight Permit_str	BOBJ1	578.75	After	Interior Girder 1	33.75	0.95	1	1	36.247144
Overweight Permit_str	BOBJ1	578.75	After	Interior Girder 2	33.75	0.95	1	1	36.247144
Overweight Permit_str	BOBJ1	578.75	After	Right Exterior Girder	33.75	0.95	1	1	28.697196
Overweight Permit_str	BOBJ1	586.8142	Before	Left Exterior Girder	41.8142	0.95	1	1	28.847381
Overweight Permit_str	BOBJ1	586.8142	Before	Interior Girder 1	41.8142	0.95	1	1	36.451865
Overweight Permit_str	BOBJ1	586.8142	Before	Interior Girder 2	41.8142	0.95	1	1	36.451865
Overweight Permit_str	BOBJ1	586.8142	Before	Right Exterior Girder	41.8142	0.95	1	1	28.84738
Overweight Permit_str	BOBJ1	586.8142	After	Left Exterior Girder	41.8142	0.95	1	1	18.18816
Overweight Permit_str	BOBJ1	586.8142	After	Interior Girder 1	41.8142	0.95	1	1	23.420118
Overweight Permit_str	BOBJ1	586.8142	After	Interior Girder 2	41.8142	0.95	1	1	23.420118
Overweight Permit_str	BOBJ1	586.8142	After	Right Exterior Girder	41.8142	0.95	1	1	18.18816
Overweight Permit_str	BOBJ1	590	Before	Left Exterior Girder	45	0.95	1	1	18.235157
Overweight Permit_str	BOBJ1	590	Before	Interior Girder 1	45	0.95	1	1	23.486597
Overweight Permit_str	BOBJ1	590	Before	Interior Girder 2	45	0.95	1	1	23.486597
Overweight Permit_str	BOBJ1	590	Before	Right Exterior Girder	45	0.95	1	1	18.235156
Overweight Permit_str	BOBJ1	590	After	Left Exterior Girder	45	0.95	1	1	20.124952
Overweight Permit_str	BOBJ1	590	After	Interior Girder 1	45	0.95	1	1	25.694003
Overweight Permit_str	BOBJ1	590	After	Interior Girder 2	45	0.95	1	1	25.694003
Overweight Permit_str	BOBJ1	590	After	Right Exterior Girder	45	0.95	1	1	20.124951
Overweight Permit_str	BOBJ1	601.25	Before	Left Exterior Girder	56.25	0.95	1	1	20.307269
Overweight Permit_str	BOBJ1	601.25	Before	Interior Girder 1	56.25	0.95	1	1	25.950178
Overweight Permit_str	BOBJ1	601.25	Before	Interior Girder 2	56.25	0.95	1	1	25.950178
Overweight Permit_str	BOBJ1	601.25	Before	Right Exterior Girder	56.25	0.95	1	1	20.307269
Overweight Permit_str	BOBJ1	601.25	After	Left Exterior Girder	56.25	0.95	1	1	19.520358
Overweight Permit_str	BOBJ1	601.25	After	Interior Girder 1	56.25	0.95	1	1	27.630135
Overweight Permit_str	BOBJ1	601.25	After	Interior Girder 2	56.25	0.95	1	1	27.630134
Overweight Permit_str	BOBJ1	601.25	After	Right Exterior Girder	56.25	0.95	1	1	19.520358
Overweight Permit_str	BOBJ1	601.7478	Before	Left Exterior Girder	56.7478	0.95	1	1	19.528146
Overweight Permit_str	BOBJ1	601.7478	Before	Interior Girder 1	56.7478	0.95	1	1	27.642107
Overweight Permit_str	BOBJ1	601.7478	Before	Interior Girder 2	56.7478	0.95	1	1	27.642107
Overweight Permit_str	BOBJ1	601.7478	Before	Right Exterior Girder	56.7478	0.95	1	1	19.528146
Overweight Permit_str	BOBJ1	601.7478	After	Left Exterior Girder	56.7478	0.95	1	1	14.409415
Overweight Permit_str	BOBJ1	601.7478	After	Interior Girder 1	56.7478	0.95	1	1	19.159381
Overweight Permit_str	BOBJ1	601.7478	After	Interior Girder 2	56.7478	0.95	1	1	19.15938
Overweight Permit_str	BOBJ1	601.7478	After	Right Exterior Girder	56.7478	0.95	1	1	14.409415

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Main Span Girders									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Overweight Permit_str	BOBJ1	612.5	Before	Left Exterior Girder	67.5	0.95	1	1	14.564386
Overweight Permit_str	BOBJ1	612.5	Before	Interior Girder 1	67.5	0.95	1	1	19.390811
Overweight Permit_str	BOBJ1	612.5	Before	Interior Girder 2	67.5	0.95	1	1	19.390811
Overweight Permit_str	BOBJ1	612.5	Before	Right Exterior Girder	67.5	0.95	1	1	14.564386
Overweight Permit_str	BOBJ1	612.5	After	Left Exterior Girder	67.5	0.95	1	1	16.069378
Overweight Permit_str	BOBJ1	612.5	After	Interior Girder 1	67.5	0.95	1	1	20.208024
Overweight Permit_str	BOBJ1	612.5	After	Interior Girder 2	67.5	0.95	1	1	20.208023
Overweight Permit_str	BOBJ1	612.5	After	Right Exterior Girder	67.5	0.95	1	1	16.069378
Overweight Permit_str	BOBJ1	623.75	Before	Left Exterior Girder	78.75	0.95	1	1	16.24689
Overweight Permit_str	BOBJ1	623.75	Before	Interior Girder 1	78.75	0.95	1	1	20.458744
Overweight Permit_str	BOBJ1	623.75	Before	Interior Girder 2	78.75	0.95	1	1	20.458743
Overweight Permit_str	BOBJ1	623.75	Before	Right Exterior Girder	78.75	0.95	1	1	16.246889
Overweight Permit_str	BOBJ1	623.75	After	Left Exterior Girder	78.75	0.95	1	1	18.493156
Overweight Permit_str	BOBJ1	623.75	After	Interior Girder 1	78.75	0.95	1	1	23.535983
Overweight Permit_str	BOBJ1	623.75	After	Interior Girder 2	78.75	0.95	1	1	23.535982
Overweight Permit_str	BOBJ1	623.75	After	Right Exterior Girder	78.75	0.95	1	1	18.493155
Overweight Permit_str	BOBJ1	635	Before	Left Exterior Girder	90	0.95	1	1	18.694016
Overweight Permit_str	BOBJ1	635	Before	Interior Girder 1	90	0.95	1	1	23.823042
Overweight Permit_str	BOBJ1	635	Before	Interior Girder 2	90	0.95	1	1	23.823041
Overweight Permit_str	BOBJ1	635	Before	Right Exterior Girder	90	0.95	1	1	18.694016
Overweight Permit_str	BOBJ1	635	After	Left Exterior Girder	90	0.95	1	1	20.264412
Overweight Permit_str	BOBJ1	635	After	Interior Girder 1	90	0.95	1	1	23.140466
Overweight Permit_str	BOBJ1	635	After	Interior Girder 2	90	0.95	1	1	23.140465
Overweight Permit_str	BOBJ1	635	After	Right Exterior Girder	90	0.95	1	1	20.264412
Overweight Permit_str	BOBJ1	643.5619	Before	Left Exterior Girder	98.5619	0.95	1	1	20.428949
Overweight Permit_str	BOBJ1	643.5619	Before	Interior Girder 1	98.5619	0.95	1	1	23.351516
Overweight Permit_str	BOBJ1	643.5619	Before	Interior Girder 2	98.5619	0.95	1	1	23.351514
Overweight Permit_str	BOBJ1	643.5619	Before	Right Exterior Girder	98.5619	0.95	1	1	20.428948
Overweight Permit_str	BOBJ1	643.5619	After	Left Exterior Girder	98.5619	0.95	1	1	34.275105
Overweight Permit_str	BOBJ1	643.5619	After	Interior Girder 1	98.5619	0.95	1	1	39.037388
Overweight Permit_str	BOBJ1	643.5619	After	Interior Girder 2	98.5619	0.95	1	1	39.037386
Overweight Permit_str	BOBJ1	643.5619	After	Right Exterior Girder	98.5619	0.95	1	1	34.275105
Overweight Permit_str	BOBJ1	646.25	Before	Left Exterior Girder	101.25	0.95	1	1	34.340429
Overweight Permit_str	BOBJ1	646.25	Before	Interior Girder 1	101.25	0.95	1	1	39.119078
Overweight Permit_str	BOBJ1	646.25	Before	Interior Girder 2	101.25	0.95	1	1	39.119076
Overweight Permit_str	BOBJ1	646.25	Before	Right Exterior Girder	101.25	0.95	1	1	34.340429
Overweight Permit_str	BOBJ1	646.25	After	Left Exterior Girder	101.25	0.95	1	1	41.660478
Overweight Permit_str	BOBJ1	646.25	After	Interior Girder 1	101.25	0.95	1	1	46.659243
Overweight Permit_str	BOBJ1	646.25	After	Interior Girder 2	101.25	0.95	1	1	46.659241
Overweight Permit_str	BOBJ1	646.25	After	Right Exterior Girder	101.25	0.95	1	1	41.660477
Overweight Permit_str	BOBJ1	657.5	Before	Left Exterior Girder	112.5	0.95	1	1	41.991232
Overweight Permit_str	BOBJ1	657.5	Before	Interior Girder 1	112.5	0.95	1	1	47.066603
Overweight Permit_str	BOBJ1	657.5	Before	Interior Girder 2	112.5	0.95	1	1	47.066601
Overweight Permit_str	BOBJ1	657.5	Before	Right Exterior Girder	112.5	0.95	1	1	41.991231
Overweight Permit_str	BOBJ1	657.5	After	Left Exterior Girder	112.5	0.95	1	1	49.09787
Overweight Permit_str	BOBJ1	657.5	After	Interior Girder 1	112.5	0.95	1	1	47.258228
Overweight Permit_str	BOBJ1	657.5	After	Interior Girder 2	112.5	0.95	1	1	47.258234
Overweight Permit_str	BOBJ1	657.5	After	Right Exterior Girder	112.5	0.95	1	1	49.097866
Overweight Permit_str	BOBJ1	668.75	Before	Left Exterior Girder	123.75	0.95	1	1	49.482765
Overweight Permit_str	BOBJ1	668.75	Before	Interior Girder 1	123.75	0.95	1	1	47.665811
Overweight Permit_str	BOBJ1	668.75	Before	Interior Girder 2	123.75	0.95	1	1	47.665818
Overweight Permit_str	BOBJ1	668.75	Before	Right Exterior Girder	123.75	0.95	1	1	49.482762
Overweight Permit_str	BOBJ1	668.75	After	Left Exterior Girder	123.75	0.95	1	1	61.766447
Overweight Permit_str	BOBJ1	668.75	After	Interior Girder 1	123.75	0.95	1	1	56.337024
Overweight Permit_str	BOBJ1	668.75	After	Interior Girder 2	123.75	0.95	1	1	56.337033
Overweight Permit_str	BOBJ1	668.75	After	Right Exterior Girder	123.75	0.95	1	1	61.766441
Overweight Permit_str	BOBJ1	680	Before	Left Exterior Girder	135	0.95	1	1	62.24525
Overweight Permit_str	BOBJ1	680	Before	Interior Girder 1	135	0.95	1	1	56.81745
Overweight Permit_str	BOBJ1	680	Before	Interior Girder 2	135	0.95	1	1	56.817459
Overweight Permit_str	BOBJ1	680	Before	Right Exterior Girder	135	0.95	1	1	62.245244
Overweight Permit_str	BOBJ1	680	After	Left Exterior Girder	135	0.95	1	1	62.745223
Overweight Permit_str	BOBJ1	680	After	Interior Girder 1	135	0.95	1	1	55.864982
Overweight Permit_str	BOBJ1	680	After	Interior Girder 2	135	0.95	1	1	55.864979
Overweight Permit_str	BOBJ1	680	After	Right Exterior Girder	135	0.95	1	1	62.745226
Overweight Permit_str	BOBJ1	691.25	Before	Left Exterior Girder	146.25	0.95	1	1	62.279603
Overweight Permit_str	BOBJ1	691.25	Before	Interior Girder 1	146.25	0.95	1	1	56.335757
Overweight Permit_str	BOBJ1	691.25	Before	Interior Girder 2	146.25	0.95	1	1	56.335755
Overweight Permit_str	BOBJ1	691.25	Before	Right Exterior Girder	146.25	0.95	1	1	62.279607

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Main Span Girders									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Overweight Permit_str	BOBJ1	691.25	After	Left Exterior Girder	146.25	0.95	1	1	52.056664
Overweight Permit_str	BOBJ1	691.25	After	Interior Girder 1	146.25	0.95	1	1	51.342815
Overweight Permit_str	BOBJ1	691.25	After	Interior Girder 2	146.25	0.95	1	1	51.342817
Overweight Permit_str	BOBJ1	691.25	After	Right Exterior Girder	146.25	0.95	1	1	52.056665
Overweight Permit_str	BOBJ1	702.5	Before	Left Exterior Girder	157.5	0.95	1	1	51.666186
Overweight Permit_str	BOBJ1	702.5	Before	Interior Girder 1	157.5	0.95	1	1	50.919031
Overweight Permit_str	BOBJ1	702.5	Before	Interior Girder 2	157.5	0.95	1	1	50.919033
Overweight Permit_str	BOBJ1	702.5	Before	Right Exterior Girder	157.5	0.95	1	1	51.666188
Overweight Permit_str	BOBJ1	702.5	After	Left Exterior Girder	157.5	0.95	1	1	45.701366
Overweight Permit_str	BOBJ1	702.5	After	Interior Girder 1	157.5	0.95	1	1	51.69008
Overweight Permit_str	BOBJ1	702.5	After	Interior Girder 2	157.5	0.95	1	1	51.690082
Overweight Permit_str	BOBJ1	702.5	After	Right Exterior Girder	157.5	0.95	1	1	45.701365
Overweight Permit_str	BOBJ1	713.75	Before	Left Exterior Girder	168.75	0.95	1	1	45.354358
Overweight Permit_str	BOBJ1	713.75	Before	Interior Girder 1	168.75	0.95	1	1	51.258445
Overweight Permit_str	BOBJ1	713.75	Before	Interior Girder 2	168.75	0.95	1	1	51.258447
Overweight Permit_str	BOBJ1	713.75	Before	Right Exterior Girder	168.75	0.95	1	1	45.354357
Overweight Permit_str	BOBJ1	713.75	After	Left Exterior Girder	168.75	0.95	1	1	38.897968
Overweight Permit_str	BOBJ1	713.75	After	Interior Girder 1	168.75	0.95	1	1	44.187894
Overweight Permit_str	BOBJ1	713.75	After	Interior Girder 2	168.75	0.95	1	1	44.187894
Overweight Permit_str	BOBJ1	713.75	After	Right Exterior Girder	168.75	0.95	1	1	38.897968
Overweight Permit_str	BOBJ1	725	Before	Left Exterior Girder	180	0.95	1	1	38.59935
Overweight Permit_str	BOBJ1	725	Before	Interior Girder 1	180	0.95	1	1	43.814805
Overweight Permit_str	BOBJ1	725	Before	Interior Girder 2	180	0.95	1	1	43.814805
Overweight Permit_str	BOBJ1	725	Before	Right Exterior Girder	180	0.95	1	1	38.59935
Overweight Permit_str	BOBJ1	725	After	Left Exterior Girder	180	0.95	1	1	34.130313
Overweight Permit_str	BOBJ1	725	After	Interior Girder 1	180	0.95	1	1	42.694499
Overweight Permit_str	BOBJ1	725	After	Interior Girder 2	180	0.95	1	1	42.694498
Overweight Permit_str	BOBJ1	725	After	Right Exterior Girder	180	0.95	1	1	34.130314
Overweight Permit_str	BOBJ1	731.1726	Before	Left Exterior Girder	186.1726	0.95	1	1	33.984855
Overweight Permit_str	BOBJ1	731.1726	Before	Interior Girder 1	186.1726	0.95	1	1	42.494513
Overweight Permit_str	BOBJ1	731.1726	Before	Interior Girder 2	186.1726	0.95	1	1	42.494511
Overweight Permit_str	BOBJ1	731.1726	Before	Right Exterior Girder	186.1726	0.95	1	1	33.984857
Overweight Permit_str	BOBJ1	731.1726	After	Left Exterior Girder	186.1726	0.95	1	1	19.264527
Overweight Permit_str	BOBJ1	731.1726	After	Interior Girder 1	186.1726	0.95	1	1	24.003127
Overweight Permit_str	BOBJ1	731.1726	After	Interior Girder 2	186.1726	0.95	1	1	24.003126
Overweight Permit_str	BOBJ1	731.1726	After	Right Exterior Girder	186.1726	0.95	1	1	19.264528
Overweight Permit_str	BOBJ1	736.25	Before	Left Exterior Girder	191.25	0.95	1	1	19.175708
Overweight Permit_str	BOBJ1	736.25	Before	Interior Girder 1	191.25	0.95	1	1	23.878937
Overweight Permit_str	BOBJ1	736.25	Before	Interior Girder 2	191.25	0.95	1	1	23.878936
Overweight Permit_str	BOBJ1	736.25	Before	Right Exterior Girder	191.25	0.95	1	1	19.175709
Overweight Permit_str	BOBJ1	736.25	After	Left Exterior Girder	191.25	0.95	1	1	18.285756
Overweight Permit_str	BOBJ1	736.25	After	Interior Girder 1	191.25	0.95	1	1	22.452961
Overweight Permit_str	BOBJ1	736.25	After	Interior Girder 2	191.25	0.95	1	1	22.452961
Overweight Permit_str	BOBJ1	736.25	After	Right Exterior Girder	191.25	0.95	1	1	18.285756
Overweight Permit_str	BOBJ1	747.5	Before	Left Exterior Girder	202.5	0.95	1	1	18.097408
Overweight Permit_str	BOBJ1	747.5	Before	Interior Girder 1	202.5	0.95	1	1	22.193305
Overweight Permit_str	BOBJ1	747.5	Before	Interior Girder 2	202.5	0.95	1	1	22.193304
Overweight Permit_str	BOBJ1	747.5	Before	Right Exterior Girder	202.5	0.95	1	1	18.097408
Overweight Permit_str	BOBJ1	747.5	After	Left Exterior Girder	202.5	0.95	1	1	15.958419
Overweight Permit_str	BOBJ1	747.5	After	Interior Girder 1	202.5	0.95	1	1	20.300528
Overweight Permit_str	BOBJ1	747.5	After	Interior Girder 2	202.5	0.95	1	1	20.300527
Overweight Permit_str	BOBJ1	747.5	After	Right Exterior Girder	202.5	0.95	1	1	15.958419
Overweight Permit_str	BOBJ1	758.75	Before	Left Exterior Girder	213.75	0.95	1	1	15.790972
Overweight Permit_str	BOBJ1	758.75	Before	Interior Girder 1	213.75	0.95	1	1	20.061696
Overweight Permit_str	BOBJ1	758.75	Before	Interior Girder 2	213.75	0.95	1	1	20.061695
Overweight Permit_str	BOBJ1	758.75	Before	Right Exterior Girder	213.75	0.95	1	1	15.790972
Overweight Permit_str	BOBJ1	758.75	After	Left Exterior Girder	213.75	0.95	1	1	14.007922
Overweight Permit_str	BOBJ1	758.75	After	Interior Girder 1	213.75	0.95	1	1	16.3677
Overweight Permit_str	BOBJ1	758.75	After	Interior Girder 2	213.75	0.95	1	1	16.367698
Overweight Permit_str	BOBJ1	758.75	After	Right Exterior Girder	213.75	0.95	1	1	14.007923
Overweight Permit_str	BOBJ1	770	Before	Left Exterior Girder	225	0.95	1	1	13.858525
Overweight Permit_str	BOBJ1	770	Before	Interior Girder 1	225	0.95	1	1	16.17193
Overweight Permit_str	BOBJ1	770	Before	Interior Girder 2	225	0.95	1	1	16.171929
Overweight Permit_str	BOBJ1	770	Before	Right Exterior Girder	225	0.95	1	1	13.858526
Combined Trck+lane_str	BOBJ1	0	After	Left Exterior Girder	0	0.95	1	1	25.130009
Combined Trck+lane_str	BOBJ1	0	After	Interior Girder 1	0	0.95	1	1	19.739742
Combined Trck+lane_str	BOBJ1	0	After	Interior Girder 2	0	0.95	1	1	19.739743
Combined Trck+lane_str	BOBJ1	0	After	Right Exterior Girder	0	0.95	1	1	25.130008

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Main Span Girders									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Combined Trck+lane_str	BOBJ1	11.25	Before	Left Exterior Girder	11.25	0.95	1	1	25.400914
Combined Trck+lane_str	BOBJ1	11.25	Before	Interior Girder 1	11.25	0.95	1	1	19.978702
Combined Trck+lane_str	BOBJ1	11.25	Before	Interior Girder 2	11.25	0.95	1	1	19.978704
Combined Trck+lane_str	BOBJ1	11.25	Before	Right Exterior Girder	11.25	0.95	1	1	25.400913
Combined Trck+lane_str	BOBJ1	11.25	After	Left Exterior Girder	11.25	0.95	1	1	27.586069
Combined Trck+lane_str	BOBJ1	11.25	After	Interior Girder 1	11.25	0.95	1	1	24.155574
Combined Trck+lane_str	BOBJ1	11.25	After	Interior Girder 2	11.25	0.95	1	1	24.155576
Combined Trck+lane_str	BOBJ1	11.25	After	Right Exterior Girder	11.25	0.95	1	1	27.586067
Combined Trck+lane_str	BOBJ1	22.5	Before	Left Exterior Girder	22.5	0.95	1	1	27.878591
Combined Trck+lane_str	BOBJ1	22.5	Before	Interior Girder 1	22.5	0.95	1	1	24.443142
Combined Trck+lane_str	BOBJ1	22.5	Before	Interior Girder 2	22.5	0.95	1	1	24.443144
Combined Trck+lane_str	BOBJ1	22.5	Before	Right Exterior Girder	22.5	0.95	1	1	27.878589
Combined Trck+lane_str	BOBJ1	22.5	After	Left Exterior Girder	22.5	0.95	1	1	31.425475
Combined Trck+lane_str	BOBJ1	22.5	After	Interior Girder 1	22.5	0.95	1	1	26.787408
Combined Trck+lane_str	BOBJ1	22.5	After	Interior Girder 2	22.5	0.95	1	1	26.787407
Combined Trck+lane_str	BOBJ1	22.5	After	Right Exterior Girder	22.5	0.95	1	1	31.425475
Combined Trck+lane_str	BOBJ1	33.75	Before	Left Exterior Girder	33.75	0.95	1	1	31.752535
Combined Trck+lane_str	BOBJ1	33.75	Before	Interior Girder 1	33.75	0.95	1	1	27.100815
Combined Trck+lane_str	BOBJ1	33.75	Before	Interior Girder 2	33.75	0.95	1	1	27.100814
Combined Trck+lane_str	BOBJ1	33.75	Before	Right Exterior Girder	33.75	0.95	1	1	31.752535
Combined Trck+lane_str	BOBJ1	33.75	After	Left Exterior Girder	33.75	0.95	1	1	33.24072
Combined Trck+lane_str	BOBJ1	33.75	After	Interior Girder 1	33.75	0.95	1	1	28.96531
Combined Trck+lane_str	BOBJ1	33.75	After	Interior Girder 2	33.75	0.95	1	1	28.965307
Combined Trck+lane_str	BOBJ1	33.75	After	Right Exterior Girder	33.75	0.95	1	1	33.240721
Combined Trck+lane_str	BOBJ1	38.8274	Before	Left Exterior Girder	38.8274	0.95	1	1	33.394686
Combined Trck+lane_str	BOBJ1	38.8274	Before	Interior Girder 1	38.8274	0.95	1	1	29.115952
Combined Trck+lane_str	BOBJ1	38.8274	Before	Interior Girder 2	38.8274	0.95	1	1	29.11595
Combined Trck+lane_str	BOBJ1	38.8274	Before	Right Exterior Girder	38.8274	0.95	1	1	33.394687
Combined Trck+lane_str	BOBJ1	38.8274	After	Left Exterior Girder	38.8274	0.95	1	1	57.84255
Combined Trck+lane_str	BOBJ1	38.8274	After	Interior Girder 1	38.8274	0.95	1	1	51.073973
Combined Trck+lane_str	BOBJ1	38.8274	After	Interior Girder 2	38.8274	0.95	1	1	51.073971
Combined Trck+lane_str	BOBJ1	38.8274	After	Right Exterior Girder	38.8274	0.95	1	1	57.842553
Combined Trck+lane_str	BOBJ1	45	Before	Left Exterior Girder	45	0.95	1	1	58.090121
Combined Trck+lane_str	BOBJ1	45	Before	Interior Girder 1	45	0.95	1	1	51.314336
Combined Trck+lane_str	BOBJ1	45	Before	Interior Girder 2	45	0.95	1	1	51.314334
Combined Trck+lane_str	BOBJ1	45	Before	Right Exterior Girder	45	0.95	1	1	58.090123
Combined Trck+lane_str	BOBJ1	45	After	Left Exterior Girder	45	0.95	1	1	66.755715
Combined Trck+lane_str	BOBJ1	45	After	Interior Girder 1	45	0.95	1	1	53.196371
Combined Trck+lane_str	BOBJ1	45	After	Interior Girder 2	45	0.95	1	1	53.196365
Combined Trck+lane_str	BOBJ1	45	After	Right Exterior Girder	45	0.95	1	1	66.755717
Combined Trck+lane_str	BOBJ1	56.25	Before	Left Exterior Girder	56.25	0.95	1	1	67.272161
Combined Trck+lane_str	BOBJ1	56.25	Before	Interior Girder 1	56.25	0.95	1	1	53.649345
Combined Trck+lane_str	BOBJ1	56.25	Before	Interior Girder 2	56.25	0.95	1	1	53.649339
Combined Trck+lane_str	BOBJ1	56.25	Before	Right Exterior Girder	56.25	0.95	1	1	67.272163
Combined Trck+lane_str	BOBJ1	56.25	After	Left Exterior Girder	56.25	0.95	1	1	76.518159
Combined Trck+lane_str	BOBJ1	56.25	After	Interior Girder 1	56.25	0.95	1	1	62.32756
Combined Trck+lane_str	BOBJ1	56.25	After	Interior Girder 2	56.25	0.95	1	1	62.327553
Combined Trck+lane_str	BOBJ1	56.25	After	Right Exterior Girder	56.25	0.95	1	1	76.518161
Combined Trck+lane_str	BOBJ1	67.5	Before	Left Exterior Girder	67.5	0.95	1	1	77.103603
Combined Trck+lane_str	BOBJ1	67.5	Before	Interior Girder 1	67.5	0.95	1	1	62.852406
Combined Trck+lane_str	BOBJ1	67.5	Before	Interior Girder 2	67.5	0.95	1	1	62.852399
Combined Trck+lane_str	BOBJ1	67.5	Before	Right Exterior Girder	67.5	0.95	1	1	77.103604
Combined Trck+lane_str	BOBJ1	67.5	After	Left Exterior Girder	67.5	0.95	1	1	91.294455
Combined Trck+lane_str	BOBJ1	67.5	After	Interior Girder 1	67.5	0.95	1	1	62.888676
Combined Trck+lane_str	BOBJ1	67.5	After	Interior Girder 2	67.5	0.95	1	1	62.888681
Combined Trck+lane_str	BOBJ1	67.5	After	Right Exterior Girder	67.5	0.95	1	1	91.294434
Combined Trck+lane_str	BOBJ1	78.75	Before	Left Exterior Girder	78.75	0.95	1	1	91.984431
Combined Trck+lane_str	BOBJ1	78.75	Before	Interior Girder 1	78.75	0.95	1	1	63.41208
Combined Trck+lane_str	BOBJ1	78.75	Before	Interior Girder 2	78.75	0.95	1	1	63.412085
Combined Trck+lane_str	BOBJ1	78.75	Before	Right Exterior Girder	78.75	0.95	1	1	91.98441
Combined Trck+lane_str	BOBJ1	78.75	After	Left Exterior Girder	78.75	0.95	1	1	107.546079
Combined Trck+lane_str	BOBJ1	78.75	After	Interior Girder 1	78.75	0.95	1	1	65.994793
Combined Trck+lane_str	BOBJ1	78.75	After	Interior Girder 2	78.75	0.95	1	1	65.994787
Combined Trck+lane_str	BOBJ1	78.75	After	Right Exterior Girder	78.75	0.95	1	1	107.546051
Combined Trck+lane_str	BOBJ1	90	Before	Left Exterior Girder	90	0.95	1	1	108.350122
Combined Trck+lane_str	BOBJ1	90	Before	Interior Girder 1	90	0.95	1	1	65.4433
Combined Trck+lane_str	BOBJ1	90	Before	Interior Girder 2	90	0.95	1	1	65.443295
Combined Trck+lane_str	BOBJ1	90	Before	Right Exterior Girder	90	0.95	1	1	108.350094

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Main Span Girders									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Combined Trck+lane_str	BOBJ1	90	After	Left Exterior Girder	90	0.95	1	1	91.918919
Combined Trck+lane_str	BOBJ1	90	After	Interior Girder 1	90	0.95	1	1	64.503422
Combined Trck+lane_str	BOBJ1	90	After	Interior Girder 2	90	0.95	1	1	64.503409
Combined Trck+lane_str	BOBJ1	90	After	Right Exterior Girder	90	0.95	1	1	91.918927
Combined Trck+lane_str	BOBJ1	101.25	Before	Left Exterior Girder	101.25	0.95	1	1	91.211859
Combined Trck+lane_str	BOBJ1	101.25	Before	Interior Girder 1	101.25	0.95	1	1	63.958006
Combined Trck+lane_str	BOBJ1	101.25	Before	Interior Girder 2	101.25	0.95	1	1	63.957994
Combined Trck+lane_str	BOBJ1	101.25	Before	Right Exterior Girder	101.25	0.95	1	1	91.211868
Combined Trck+lane_str	BOBJ1	101.25	After	Left Exterior Girder	101.25	0.95	1	1	78.337611
Combined Trck+lane_str	BOBJ1	101.25	After	Interior Girder 1	101.25	0.95	1	1	54.78878
Combined Trck+lane_str	BOBJ1	101.25	After	Interior Girder 2	101.25	0.95	1	1	54.788772
Combined Trck+lane_str	BOBJ1	101.25	After	Right Exterior Girder	101.25	0.95	1	1	78.337616
Combined Trck+lane_str	BOBJ1	112.5	Before	Left Exterior Girder	112.5	0.95	1	1	77.728272
Combined Trck+lane_str	BOBJ1	112.5	Before	Interior Girder 1	112.5	0.95	1	1	54.32029
Combined Trck+lane_str	BOBJ1	112.5	Before	Interior Girder 2	112.5	0.95	1	1	54.320281
Combined Trck+lane_str	BOBJ1	112.5	Before	Right Exterior Girder	112.5	0.95	1	1	77.728277
Combined Trck+lane_str	BOBJ1	112.5	After	Left Exterior Girder	112.5	0.95	1	1	66.637488
Combined Trck+lane_str	BOBJ1	112.5	After	Interior Girder 1	112.5	0.95	1	1	53.825844
Combined Trck+lane_str	BOBJ1	112.5	After	Interior Girder 2	112.5	0.95	1	1	53.825845
Combined Trck+lane_str	BOBJ1	112.5	After	Right Exterior Girder	112.5	0.95	1	1	66.637486
Combined Trck+lane_str	BOBJ1	123.75	Before	Left Exterior Girder	123.75	0.95	1	1	66.112602
Combined Trck+lane_str	BOBJ1	123.75	Before	Interior Girder 1	123.75	0.95	1	1	53.359983
Combined Trck+lane_str	BOBJ1	123.75	Before	Interior Girder 2	123.75	0.95	1	1	53.359984
Combined Trck+lane_str	BOBJ1	123.75	Before	Right Exterior Girder	123.75	0.95	1	1	66.1126
Combined Trck+lane_str	BOBJ1	123.75	After	Left Exterior Girder	123.75	0.95	1	1	58.805445
Combined Trck+lane_str	BOBJ1	123.75	After	Interior Girder 1	123.75	0.95	1	1	45.98941
Combined Trck+lane_str	BOBJ1	123.75	After	Interior Girder 2	123.75	0.95	1	1	45.989412
Combined Trck+lane_str	BOBJ1	123.75	After	Right Exterior Girder	123.75	0.95	1	1	58.805443
Combined Trck+lane_str	BOBJ1	126.4381	Before	Left Exterior Girder	126.4381	0.95	1	1	58.693583
Combined Trck+lane_str	BOBJ1	126.4381	Before	Interior Girder 1	126.4381	0.95	1	1	45.893373
Combined Trck+lane_str	BOBJ1	126.4381	Before	Interior Girder 2	126.4381	0.95	1	1	45.893375
Combined Trck+lane_str	BOBJ1	126.4381	Before	Right Exterior Girder	126.4381	0.95	1	1	58.69358
Combined Trck+lane_str	BOBJ1	126.4381	After	Left Exterior Girder	126.4381	0.95	1	1	34.797779
Combined Trck+lane_str	BOBJ1	126.4381	After	Interior Girder 1	126.4381	0.95	1	1	27.188987
Combined Trck+lane_str	BOBJ1	126.4381	After	Interior Girder 2	126.4381	0.95	1	1	27.188989
Combined Trck+lane_str	BOBJ1	126.4381	After	Right Exterior Girder	126.4381	0.95	1	1	34.797778
Combined Trck+lane_str	BOBJ1	135	Before	Left Exterior Girder	135	0.95	1	1	34.517515
Combined Trck+lane_str	BOBJ1	135	Before	Interior Girder 1	135	0.95	1	1	26.943255
Combined Trck+lane_str	BOBJ1	135	Before	Interior Girder 2	135	0.95	1	1	26.943256
Combined Trck+lane_str	BOBJ1	135	Before	Right Exterior Girder	135	0.95	1	1	34.517514
Combined Trck+lane_str	BOBJ1	135	After	Left Exterior Girder	135	0.95	1	1	31.250825
Combined Trck+lane_str	BOBJ1	135	After	Interior Girder 1	135	0.95	1	1	27.416195
Combined Trck+lane_str	BOBJ1	135	After	Interior Girder 2	135	0.95	1	1	27.416197
Combined Trck+lane_str	BOBJ1	135	After	Right Exterior Girder	135	0.95	1	1	31.250824
Combined Trck+lane_str	BOBJ1	146.25	Before	Left Exterior Girder	146.25	0.95	1	1	30.915046
Combined Trck+lane_str	BOBJ1	146.25	Before	Interior Girder 1	146.25	0.95	1	1	27.08584
Combined Trck+lane_str	BOBJ1	146.25	Before	Interior Girder 2	146.25	0.95	1	1	27.085841
Combined Trck+lane_str	BOBJ1	146.25	Before	Right Exterior Girder	146.25	0.95	1	1	30.915044
Combined Trck+lane_str	BOBJ1	146.25	After	Left Exterior Girder	146.25	0.95	1	1	28.252922
Combined Trck+lane_str	BOBJ1	146.25	After	Interior Girder 1	146.25	0.95	1	1	23.796502
Combined Trck+lane_str	BOBJ1	146.25	After	Interior Girder 2	146.25	0.95	1	1	23.796503
Combined Trck+lane_str	BOBJ1	146.25	After	Right Exterior Girder	146.25	0.95	1	1	28.252921
Combined Trck+lane_str	BOBJ1	157.5	Before	Left Exterior Girder	157.5	0.95	1	1	27.944233
Combined Trck+lane_str	BOBJ1	157.5	Before	Interior Girder 1	157.5	0.95	1	1	23.504878
Combined Trck+lane_str	BOBJ1	157.5	Before	Interior Girder 2	157.5	0.95	1	1	23.50488
Combined Trck+lane_str	BOBJ1	157.5	Before	Right Exterior Girder	157.5	0.95	1	1	27.944232
Combined Trck+lane_str	BOBJ1	157.5	After	Left Exterior Girder	157.5	0.95	1	1	25.392423
Combined Trck+lane_str	BOBJ1	157.5	After	Interior Girder 1	157.5	0.95	1	1	22.431334
Combined Trck+lane_str	BOBJ1	157.5	After	Interior Girder 2	157.5	0.95	1	1	22.431333
Combined Trck+lane_str	BOBJ1	157.5	After	Right Exterior Girder	157.5	0.95	1	1	25.392423
Combined Trck+lane_str	BOBJ1	168.2522	Before	Left Exterior Girder	168.2522	0.95	1	1	25.122237
Combined Trck+lane_str	BOBJ1	168.2522	Before	Interior Girder 1	168.2522	0.95	1	1	22.163614
Combined Trck+lane_str	BOBJ1	168.2522	Before	Interior Girder 2	168.2522	0.95	1	1	22.163614
Combined Trck+lane_str	BOBJ1	168.2522	Before	Right Exterior Girder	168.2522	0.95	1	1	25.122236
Combined Trck+lane_str	BOBJ1	168.2522	After	Left Exterior Girder	168.2522	0.95	1	1	34.057353
Combined Trck+lane_str	BOBJ1	168.2522	After	Interior Girder 1	168.2522	0.95	1	1	30.375279
Combined Trck+lane_str	BOBJ1	168.2522	After	Interior Girder 2	168.2522	0.95	1	1	30.375278
Combined Trck+lane_str	BOBJ1	168.2522	After	Right Exterior Girder	168.2522	0.95	1	1	34.057353

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Main Span Girders									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Combined Trck+lane_str	BOBJ1	168.75	Before	Left Exterior Girder	168.75	0.95	1	1	34.043771
Combined Trck+lane_str	BOBJ1	168.75	Before	Interior Girder 1	168.75	0.95	1	1	30.362122
Combined Trck+lane_str	BOBJ1	168.75	Before	Interior Girder 2	168.75	0.95	1	1	30.362122
Combined Trck+lane_str	BOBJ1	168.75	Before	Right Exterior Girder	168.75	0.95	1	1	34.04377
Combined Trck+lane_str	BOBJ1	168.75	After	Left Exterior Girder	168.75	0.95	1	1	36.596433
Combined Trck+lane_str	BOBJ1	168.75	After	Interior Girder 1	168.75	0.95	1	1	30.474279
Combined Trck+lane_str	BOBJ1	168.75	After	Interior Girder 2	168.75	0.95	1	1	30.474278
Combined Trck+lane_str	BOBJ1	168.75	After	Right Exterior Girder	168.75	0.95	1	1	36.596432
Combined Trck+lane_str	BOBJ1	180	Before	Left Exterior Girder	180	0.95	1	1	36.267872
Combined Trck+lane_str	BOBJ1	180	Before	Interior Girder 1	180	0.95	1	1	30.173443
Combined Trck+lane_str	BOBJ1	180	Before	Interior Girder 2	180	0.95	1	1	30.173442
Combined Trck+lane_str	BOBJ1	180	Before	Right Exterior Girder	180	0.95	1	1	36.267872
Combined Trck+lane_str	BOBJ1	180	After	Left Exterior Girder	180	0.95	1	1	33.590799
Combined Trck+lane_str	BOBJ1	180	After	Interior Girder 1	180	0.95	1	1	27.700456
Combined Trck+lane_str	BOBJ1	180	After	Interior Girder 2	180	0.95	1	1	27.700455
Combined Trck+lane_str	BOBJ1	180	After	Right Exterior Girder	180	0.95	1	1	33.5908
Combined Trck+lane_str	BOBJ1	183.1858	Before	Left Exterior Girder	183.1858	0.95	1	1	33.504228
Combined Trck+lane_str	BOBJ1	183.1858	Before	Interior Girder 1	183.1858	0.95	1	1	27.622049
Combined Trck+lane_str	BOBJ1	183.1858	Before	Interior Girder 2	183.1858	0.95	1	1	27.622048
Combined Trck+lane_str	BOBJ1	183.1858	Before	Right Exterior Girder	183.1858	0.95	1	1	33.504229
Combined Trck+lane_str	BOBJ1	183.1858	After	Left Exterior Girder	183.1858	0.95	1	1	53.032259
Combined Trck+lane_str	BOBJ1	183.1858	After	Interior Girder 1	183.1858	0.95	1	1	42.712278
Combined Trck+lane_str	BOBJ1	183.1858	After	Interior Girder 2	183.1858	0.95	1	1	42.712276
Combined Trck+lane_str	BOBJ1	183.1858	After	Right Exterior Girder	183.1858	0.95	1	1	53.032261
Combined Trck+lane_str	BOBJ1	191.25	Before	Left Exterior Girder	191.25	0.95	1	1	52.756164
Combined Trck+lane_str	BOBJ1	191.25	Before	Interior Girder 1	191.25	0.95	1	1	42.472398
Combined Trck+lane_str	BOBJ1	191.25	Before	Interior Girder 2	191.25	0.95	1	1	42.472396
Combined Trck+lane_str	BOBJ1	191.25	Before	Right Exterior Girder	191.25	0.95	1	1	52.756166
Combined Trck+lane_str	BOBJ1	191.25	After	Left Exterior Girder	191.25	0.95	1	1	50.821073
Combined Trck+lane_str	BOBJ1	191.25	After	Interior Girder 1	191.25	0.95	1	1	38.93817
Combined Trck+lane_str	BOBJ1	191.25	After	Interior Girder 2	191.25	0.95	1	1	38.938169
Combined Trck+lane_str	BOBJ1	191.25	After	Right Exterior Girder	191.25	0.95	1	1	50.821074
Combined Trck+lane_str	BOBJ1	199.9414	Before	Left Exterior Girder	199.9414	0.95	1	1	50.533877
Combined Trck+lane_str	BOBJ1	199.9414	Before	Interior Girder 1	199.9414	0.95	1	1	38.700746
Combined Trck+lane_str	BOBJ1	199.9414	Before	Interior Girder 2	199.9414	0.95	1	1	38.700744
Combined Trck+lane_str	BOBJ1	199.9414	Before	Right Exterior Girder	199.9414	0.95	1	1	50.533879
Combined Trck+lane_str	BOBJ1	199.9414	After	Left Exterior Girder	199.9414	0.95	1	1	64.289011
Combined Trck+lane_str	BOBJ1	199.9414	After	Interior Girder 1	199.9414	0.95	1	1	46.758304
Combined Trck+lane_str	BOBJ1	199.9414	After	Interior Girder 2	199.9414	0.95	1	1	46.758303
Combined Trck+lane_str	BOBJ1	199.9414	After	Right Exterior Girder	199.9414	0.95	1	1	64.289013
Combined Trck+lane_str	BOBJ1	202.5	Before	Left Exterior Girder	202.5	0.95	1	1	64.192872
Combined Trck+lane_str	BOBJ1	202.5	Before	Interior Girder 1	202.5	0.95	1	1	46.683752
Combined Trck+lane_str	BOBJ1	202.5	Before	Interior Girder 2	202.5	0.95	1	1	46.68375
Combined Trck+lane_str	BOBJ1	202.5	Before	Right Exterior Girder	202.5	0.95	1	1	64.192875
Combined Trck+lane_str	BOBJ1	202.5	After	Left Exterior Girder	202.5	0.95	1	1	63.959421
Combined Trck+lane_str	BOBJ1	202.5	After	Interior Girder 1	202.5	0.95	1	1	46.378138
Combined Trck+lane_str	BOBJ1	202.5	After	Interior Girder 2	202.5	0.95	1	1	46.378136
Combined Trck+lane_str	BOBJ1	202.5	After	Right Exterior Girder	202.5	0.95	1	1	63.959423
Combined Trck+lane_str	BOBJ1	210.5642	Before	Left Exterior Girder	210.5642	0.95	1	1	63.657208
Combined Trck+lane_str	BOBJ1	210.5642	Before	Interior Girder 1	210.5642	0.95	1	1	46.144277
Combined Trck+lane_str	BOBJ1	210.5642	Before	Interior Girder 2	210.5642	0.95	1	1	46.144276
Combined Trck+lane_str	BOBJ1	210.5642	Before	Right Exterior Girder	210.5642	0.95	1	1	63.65721
Combined Trck+lane_str	BOBJ1	210.5642	After	Left Exterior Girder	210.5642	0.95	1	1	77.018269
Combined Trck+lane_str	BOBJ1	210.5642	After	Interior Girder 1	210.5642	0.95	1	1	53.216339
Combined Trck+lane_str	BOBJ1	210.5642	After	Interior Girder 2	210.5642	0.95	1	1	53.216338
Combined Trck+lane_str	BOBJ1	210.5642	After	Right Exterior Girder	210.5642	0.95	1	1	77.018271
Combined Trck+lane_str	BOBJ1	213.75	Before	Left Exterior Girder	213.75	0.95	1	1	76.88445
Combined Trck+lane_str	BOBJ1	213.75	Before	Interior Girder 1	213.75	0.95	1	1	53.118497
Combined Trck+lane_str	BOBJ1	213.75	Before	Interior Girder 2	213.75	0.95	1	1	53.118496
Combined Trck+lane_str	BOBJ1	213.75	Before	Right Exterior Girder	213.75	0.95	1	1	76.884452
Combined Trck+lane_str	BOBJ1	213.75	After	Left Exterior Girder	213.75	0.95	1	1	76.04385
Combined Trck+lane_str	BOBJ1	213.75	After	Interior Girder 1	213.75	0.95	1	1	51.160898
Combined Trck+lane_str	BOBJ1	213.75	After	Interior Girder 2	213.75	0.95	1	1	51.160897
Combined Trck+lane_str	BOBJ1	213.75	After	Right Exterior Girder	213.75	0.95	1	1	76.043852
Combined Trck+lane_str	BOBJ1	225	Before	Left Exterior Girder	225	0.95	1	1	75.576087
Combined Trck+lane_str	BOBJ1	225	Before	Interior Girder 1	225	0.95	1	1	50.827795
Combined Trck+lane_str	BOBJ1	225	Before	Interior Girder 2	225	0.95	1	1	50.827794
Combined Trck+lane_str	BOBJ1	225	Before	Right Exterior Girder	225	0.95	1	1	75.576089

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Main Span Girders									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Combined Trck+lane_str	BOBJ1	225	After	Left Exterior Girder	0	0.95	1	1	68.460815
Combined Trck+lane_str	BOBJ1	225	After	Interior Girder 1	0	0.95	1	1	46.747108
Combined Trck+lane_str	BOBJ1	225	After	Interior Girder 2	0	0.95	1	1	46.747108
Combined Trck+lane_str	BOBJ1	225	After	Right Exterior Girder	0	0.95	1	1	68.460814
Combined Trck+lane_str	BOBJ1	236.45	Before	Left Exterior Girder	11.45	0.95	1	1	70.336251
Combined Trck+lane_str	BOBJ1	236.45	Before	Interior Girder 1	11.45	0.95	1	1	49.982911
Combined Trck+lane_str	BOBJ1	236.45	Before	Interior Girder 2	11.45	0.95	1	1	49.982912
Combined Trck+lane_str	BOBJ1	236.45	Before	Right Exterior Girder	11.45	0.95	1	1	70.33625
Combined Trck+lane_str	BOBJ1	236.45	After	Left Exterior Girder	11.45	0.95	1	1	70.735905
Combined Trck+lane_str	BOBJ1	236.45	After	Interior Girder 1	11.45	0.95	1	1	51.084023
Combined Trck+lane_str	BOBJ1	236.45	After	Interior Girder 2	11.45	0.95	1	1	51.084023
Combined Trck+lane_str	BOBJ1	236.45	After	Right Exterior Girder	11.45	0.95	1	1	70.735904
Combined Trck+lane_str	BOBJ1	239.5082	Before	Left Exterior Girder	14.5082	0.95	1	1	70.855334
Combined Trck+lane_str	BOBJ1	239.5082	Before	Interior Girder 1	14.5082	0.95	1	1	51.175254
Combined Trck+lane_str	BOBJ1	239.5082	Before	Interior Girder 2	14.5082	0.95	1	1	51.175255
Combined Trck+lane_str	BOBJ1	239.5082	Before	Right Exterior Girder	14.5082	0.95	1	1	70.855333
Combined Trck+lane_str	BOBJ1	239.5082	After	Left Exterior Girder	14.5082	0.95	1	1	58.289965
Combined Trck+lane_str	BOBJ1	239.5082	After	Interior Girder 1	14.5082	0.95	1	1	44.247983
Combined Trck+lane_str	BOBJ1	239.5082	After	Interior Girder 2	14.5082	0.95	1	1	44.247984
Combined Trck+lane_str	BOBJ1	239.5082	After	Right Exterior Girder	14.5082	0.95	1	1	58.289964
Combined Trck+lane_str	BOBJ1	247.9	Before	Left Exterior Girder	22.9	0.95	1	1	58.581728
Combined Trck+lane_str	BOBJ1	247.9	Before	Interior Girder 1	22.9	0.95	1	1	44.484308
Combined Trck+lane_str	BOBJ1	247.9	Before	Interior Girder 2	22.9	0.95	1	1	44.484308
Combined Trck+lane_str	BOBJ1	247.9	Before	Right Exterior Girder	22.9	0.95	1	1	58.581728
Combined Trck+lane_str	BOBJ1	247.9	After	Left Exterior Girder	22.9	0.95	1	1	61.359953
Combined Trck+lane_str	BOBJ1	247.9	After	Interior Girder 1	22.9	0.95	1	1	48.332085
Combined Trck+lane_str	BOBJ1	247.9	After	Interior Girder 2	22.9	0.95	1	1	48.332085
Combined Trck+lane_str	BOBJ1	247.9	After	Right Exterior Girder	22.9	0.95	1	1	61.359952
Combined Trck+lane_str	BOBJ1	258.5189	Before	Left Exterior Girder	33.5189	0.95	1	1	61.745775
Combined Trck+lane_str	BOBJ1	258.5189	Before	Interior Girder 1	33.5189	0.95	1	1	48.656341
Combined Trck+lane_str	BOBJ1	258.5189	Before	Interior Girder 2	33.5189	0.95	1	1	48.656342
Combined Trck+lane_str	BOBJ1	258.5189	Before	Right Exterior Girder	33.5189	0.95	1	1	61.745774
Combined Trck+lane_str	BOBJ1	258.5189	After	Left Exterior Girder	33.5189	0.95	1	1	45.918026
Combined Trck+lane_str	BOBJ1	258.5189	After	Interior Girder 1	33.5189	0.95	1	1	39.230558
Combined Trck+lane_str	BOBJ1	258.5189	After	Interior Girder 2	33.5189	0.95	1	1	39.230558
Combined Trck+lane_str	BOBJ1	258.5189	After	Right Exterior Girder	33.5189	0.95	1	1	45.918025
Combined Trck+lane_str	BOBJ1	259.3	Before	Left Exterior Girder	34.3	0.95	1	1	45.941785
Combined Trck+lane_str	BOBJ1	259.3	Before	Interior Girder 1	34.3	0.95	1	1	39.252308
Combined Trck+lane_str	BOBJ1	259.3	Before	Interior Girder 2	34.3	0.95	1	1	39.252308
Combined Trck+lane_str	BOBJ1	259.3	Before	Right Exterior Girder	34.3	0.95	1	1	45.941784
Combined Trck+lane_str	BOBJ1	259.3	After	Left Exterior Girder	34.3	0.95	1	1	47.977944
Combined Trck+lane_str	BOBJ1	259.3	After	Interior Girder 1	34.3	0.95	1	1	39.55568
Combined Trck+lane_str	BOBJ1	259.3	After	Interior Girder 2	34.3	0.95	1	1	39.555681
Combined Trck+lane_str	BOBJ1	259.3	After	Right Exterior Girder	34.3	0.95	1	1	47.977943
Combined Trck+lane_str	BOBJ1	266.1031	Before	Left Exterior Girder	41.1031	0.95	1	1	48.193131
Combined Trck+lane_str	BOBJ1	266.1031	Before	Interior Girder 1	41.1031	0.95	1	1	39.747051
Combined Trck+lane_str	BOBJ1	266.1031	Before	Interior Girder 2	41.1031	0.95	1	1	39.747051
Combined Trck+lane_str	BOBJ1	266.1031	Before	Right Exterior Girder	41.1031	0.95	1	1	48.19313
Combined Trck+lane_str	BOBJ1	266.1031	After	Left Exterior Girder	41.1031	0.95	1	1	30.449143
Combined Trck+lane_str	BOBJ1	266.1031	After	Interior Girder 1	41.1031	0.95	1	1	25.79009
Combined Trck+lane_str	BOBJ1	266.1031	After	Interior Girder 2	41.1031	0.95	1	1	25.79009
Combined Trck+lane_str	BOBJ1	266.1031	After	Right Exterior Girder	41.1031	0.95	1	1	30.449143
Combined Trck+lane_str	BOBJ1	270.7	Before	Left Exterior Girder	45.7	0.95	1	1	30.565641
Combined Trck+lane_str	BOBJ1	270.7	Before	Interior Girder 1	45.7	0.95	1	1	25.898538
Combined Trck+lane_str	BOBJ1	270.7	Before	Interior Girder 2	45.7	0.95	1	1	25.898538
Combined Trck+lane_str	BOBJ1	270.7	Before	Right Exterior Girder	45.7	0.95	1	1	30.565641
Combined Trck+lane_str	BOBJ1	270.7	After	Left Exterior Girder	45.7	0.95	1	1	31.139354
Combined Trck+lane_str	BOBJ1	270.7	After	Interior Girder 1	45.7	0.95	1	1	25.511868
Combined Trck+lane_str	BOBJ1	270.7	After	Interior Girder 2	45.7	0.95	1	1	25.511868
Combined Trck+lane_str	BOBJ1	270.7	After	Right Exterior Girder	45.7	0.95	1	1	31.139353
Combined Trck+lane_str	BOBJ1	273.6874	Before	Left Exterior Girder	48.6874	0.95	1	1	31.216337
Combined Trck+lane_str	BOBJ1	273.6874	Before	Interior Girder 1	48.6874	0.95	1	1	25.581076
Combined Trck+lane_str	BOBJ1	273.6874	Before	Interior Girder 2	48.6874	0.95	1	1	25.581077
Combined Trck+lane_str	BOBJ1	273.6874	Before	Right Exterior Girder	48.6874	0.95	1	1	31.216337
Combined Trck+lane_str	BOBJ1	273.6874	After	Left Exterior Girder	48.6874	0.95	1	1	20.599895
Combined Trck+lane_str	BOBJ1	273.6874	After	Interior Girder 1	48.6874	0.95	1	1	17.631198
Combined Trck+lane_str	BOBJ1	273.6874	After	Interior Girder 2	48.6874	0.95	1	1	17.631198
Combined Trck+lane_str	BOBJ1	273.6874	After	Right Exterior Girder	48.6874	0.95	1	1	20.599894

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Main Span Girders									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Combined Trck+lane_str	BOBJ1	282.15	Before	Left Exterior Girder	57.15	0.95	1	1	20.784202
Combined Trck+lane_str	BOBJ1	282.15	Before	Interior Girder 1	57.15	0.95	1	1	17.808142
Combined Trck+lane_str	BOBJ1	282.15	Before	Interior Girder 2	57.15	0.95	1	1	17.808143
Combined Trck+lane_str	BOBJ1	282.15	Before	Right Exterior Girder	57.15	0.95	1	1	20.784201
Combined Trck+lane_str	BOBJ1	282.15	After	Left Exterior Girder	57.15	0.95	1	1	21.396357
Combined Trck+lane_str	BOBJ1	282.15	After	Interior Girder 1	57.15	0.95	1	1	18.784074
Combined Trck+lane_str	BOBJ1	282.15	After	Interior Girder 2	57.15	0.95	1	1	18.784074
Combined Trck+lane_str	BOBJ1	282.15	After	Right Exterior Girder	57.15	0.95	1	1	21.396356
Combined Trck+lane_str	BOBJ1	293.6	Before	Left Exterior Girder	68.6	0.95	1	1	22.448063
Combined Trck+lane_str	BOBJ1	293.6	Before	Interior Girder 1	68.6	0.95	1	1	20.296594
Combined Trck+lane_str	BOBJ1	293.6	Before	Interior Girder 2	68.6	0.95	1	1	20.296595
Combined Trck+lane_str	BOBJ1	293.6	Before	Right Exterior Girder	68.6	0.95	1	1	22.448062
Combined Trck+lane_str	BOBJ1	293.6	After	Left Exterior Girder	68.6	0.95	1	1	23.458607
Combined Trck+lane_str	BOBJ1	293.6	After	Interior Girder 1	68.6	0.95	1	1	19.783267
Combined Trck+lane_str	BOBJ1	293.6	After	Interior Girder 2	68.6	0.95	1	1	19.783267
Combined Trck+lane_str	BOBJ1	293.6	After	Right Exterior Girder	68.6	0.95	1	1	23.458609
Combined Trck+lane_str	BOBJ1	305	Before	Left Exterior Girder	80	0.95	1	1	24.742242
Combined Trck+lane_str	BOBJ1	305	Before	Interior Girder 1	80	0.95	1	1	21.315467
Combined Trck+lane_str	BOBJ1	305	Before	Interior Girder 2	80	0.95	1	1	21.315467
Combined Trck+lane_str	BOBJ1	305	Before	Right Exterior Girder	80	0.95	1	1	24.742244
Combined Trck+lane_str	BOBJ1	305	After	Left Exterior Girder	80	0.95	1	1	24.33713
Combined Trck+lane_str	BOBJ1	305	After	Interior Girder 1	80	0.95	1	1	21.619941
Combined Trck+lane_str	BOBJ1	305	After	Interior Girder 2	80	0.95	1	1	21.61994
Combined Trck+lane_str	BOBJ1	305	After	Right Exterior Girder	80	0.95	1	1	24.337132
Combined Trck+lane_str	BOBJ1	306.9561	Before	Left Exterior Girder	81.9561	0.95	1	1	24.385171
Combined Trck+lane_str	BOBJ1	306.9561	Before	Interior Girder 1	81.9561	0.95	1	1	21.667461
Combined Trck+lane_str	BOBJ1	306.9561	Before	Interior Girder 2	81.9561	0.95	1	1	21.667461
Combined Trck+lane_str	BOBJ1	306.9561	Before	Right Exterior Girder	81.9561	0.95	1	1	24.385173
Combined Trck+lane_str	BOBJ1	306.9561	After	Left Exterior Girder	81.9561	0.95	1	1	44.60581
Combined Trck+lane_str	BOBJ1	306.9561	After	Interior Girder 1	81.9561	0.95	1	1	40.067594
Combined Trck+lane_str	BOBJ1	306.9561	After	Interior Girder 2	81.9561	0.95	1	1	40.067595
Combined Trck+lane_str	BOBJ1	306.9561	After	Right Exterior Girder	81.9561	0.95	1	1	44.605813
Combined Trck+lane_str	BOBJ1	316.4	Before	Left Exterior Girder	91.4	0.95	1	1	44.926625
Combined Trck+lane_str	BOBJ1	316.4	Before	Interior Girder 1	91.4	0.95	1	1	40.383427
Combined Trck+lane_str	BOBJ1	316.4	Before	Interior Girder 2	91.4	0.95	1	1	40.383427
Combined Trck+lane_str	BOBJ1	316.4	Before	Right Exterior Girder	91.4	0.95	1	1	44.926628
Combined Trck+lane_str	BOBJ1	316.4	After	Left Exterior Girder	91.4	0.95	1	1	47.448171
Combined Trck+lane_str	BOBJ1	316.4	After	Interior Girder 1	91.4	0.95	1	1	38.469885
Combined Trck+lane_str	BOBJ1	316.4	After	Interior Girder 2	91.4	0.95	1	1	38.469885
Combined Trck+lane_str	BOBJ1	316.4	After	Right Exterior Girder	91.4	0.95	1	1	47.448173
Combined Trck+lane_str	BOBJ1	327.85	Before	Left Exterior Girder	102.9679	0.95	1	1	50.040457
Combined Trck+lane_str	BOBJ1	327.85	Before	Interior Girder 1	102.9679	0.95	1	1	41.511863
Combined Trck+lane_str	BOBJ1	327.85	Before	Interior Girder 2	102.9679	0.95	1	1	41.511864
Combined Trck+lane_str	BOBJ1	327.85	Before	Right Exterior Girder	102.9679	0.95	1	1	50.040459
Combined Trck+lane_str	BOBJ1	327.85	After	Left Exterior Girder	102.9679	0.95	1	1	79.236682
Combined Trck+lane_str	BOBJ1	327.85	After	Interior Girder 1	102.9679	0.95	1	1	66.281936
Combined Trck+lane_str	BOBJ1	327.85	After	Interior Girder 2	102.9679	0.95	1	1	66.281938
Combined Trck+lane_str	BOBJ1	327.85	After	Right Exterior Girder	102.9679	0.95	1	1	79.236684
Combined Trck+lane_str	BOBJ1	339.3	Before	Left Exterior Girder	114.3	0.95	1	1	83.640453
Combined Trck+lane_str	BOBJ1	339.3	Before	Interior Girder 1	114.3	0.95	1	1	71.271015
Combined Trck+lane_str	BOBJ1	339.3	Before	Interior Girder 2	114.3	0.95	1	1	71.271016
Combined Trck+lane_str	BOBJ1	339.3	Before	Right Exterior Girder	114.3	0.95	1	1	83.640455
Combined Trck+lane_str	BOBJ1	339.3	After	Left Exterior Girder	114.3	0.95	1	1	88.41211
Combined Trck+lane_str	BOBJ1	339.3	After	Interior Girder 1	114.3	0.95	1	1	66.878002
Combined Trck+lane_str	BOBJ1	339.3	After	Interior Girder 2	114.3	0.95	1	1	66.878
Combined Trck+lane_str	BOBJ1	339.3	After	Right Exterior Girder	114.3	0.95	1	1	88.412108
Combined Trck+lane_str	BOBJ1	350.7	Before	Left Exterior Girder	125.7	0.95	1	1	93.629079
Combined Trck+lane_str	BOBJ1	350.7	Before	Interior Girder 1	125.7	0.95	1	1	72.213962
Combined Trck+lane_str	BOBJ1	350.7	Before	Interior Girder 2	125.7	0.95	1	1	72.213959
Combined Trck+lane_str	BOBJ1	350.7	Before	Right Exterior Girder	125.7	0.95	1	1	93.629078
Combined Trck+lane_str	BOBJ1	350.7	After	Left Exterior Girder	125.7	0.95	1	1	97.520489
Combined Trck+lane_str	BOBJ1	350.7	After	Interior Girder 1	125.7	0.95	1	1	75.44667
Combined Trck+lane_str	BOBJ1	350.7	After	Interior Girder 2	125.7	0.95	1	1	75.446667
Combined Trck+lane_str	BOBJ1	350.7	After	Right Exterior Girder	125.7	0.95	1	1	97.520489
Combined Trck+lane_str	BOBJ1	362.1	Before	Left Exterior Girder	137.1	0.95	1	1	103.7916
Combined Trck+lane_str	BOBJ1	362.1	Before	Interior Girder 1	137.1	0.95	1	1	81.4677
Combined Trck+lane_str	BOBJ1	362.1	Before	Interior Girder 2	137.1	0.95	1	1	81.467699
Combined Trck+lane_str	BOBJ1	362.1	Before	Right Exterior Girder	137.1	0.95	1	1	103.7916

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Main Span Girders									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Combined Trck+lane_str	BOBJ1	362.1	After	Left Exterior Girder	137.1	0.95	1	1	110.694279
Combined Trck+lane_str	BOBJ1	362.1	After	Interior Girder 1	137.1	0.95	1	1	75.487269
Combined Trck+lane_str	BOBJ1	362.1	After	Interior Girder 2	137.1	0.95	1	1	75.487271
Combined Trck+lane_str	BOBJ1	362.1	After	Right Exterior Girder	137.1	0.95	1	1	110.694272
Combined Trck+lane_str	BOBJ1	373.55	Before	Left Exterior Girder	148.55	0.95	1	1	118.386945
Combined Trck+lane_str	BOBJ1	373.55	Before	Interior Girder 1	148.55	0.95	1	1	81.908908
Combined Trck+lane_str	BOBJ1	373.55	Before	Interior Girder 2	148.55	0.95	1	1	81.908907
Combined Trck+lane_str	BOBJ1	373.55	Before	Right Exterior Girder	148.55	0.95	1	1	118.386937
Combined Trck+lane_str	BOBJ1	373.55	After	Left Exterior Girder	148.55	0.95	1	1	124.21532
Combined Trck+lane_str	BOBJ1	373.55	After	Interior Girder 1	148.55	0.95	1	1	85.86308
Combined Trck+lane_str	BOBJ1	373.55	After	Interior Girder 2	148.55	0.95	1	1	85.86308
Combined Trck+lane_str	BOBJ1	373.55	After	Right Exterior Girder	148.55	0.95	1	1	124.215311
Combined Trck+lane_str	BOBJ1	385	Before	Left Exterior Girder	160	0.95	1	1	133.72304
Combined Trck+lane_str	BOBJ1	385	Before	Interior Girder 1	160	0.95	1	1	85.665225
Combined Trck+lane_str	BOBJ1	385	Before	Interior Girder 2	160	0.95	1	1	85.665223
Combined Trck+lane_str	BOBJ1	385	Before	Right Exterior Girder	160	0.95	1	1	133.723029
Combined Trck+lane_str	BOBJ1	385	After	Left Exterior Girder	160	0.95	1	1	133.723038
Combined Trck+lane_str	BOBJ1	385	After	Interior Girder 1	160	0.95	1	1	85.664679
Combined Trck+lane_str	BOBJ1	385	After	Interior Girder 2	160	0.95	1	1	85.664682
Combined Trck+lane_str	BOBJ1	385	After	Right Exterior Girder	160	0.95	1	1	133.723051
Combined Trck+lane_str	BOBJ1	396.45	Before	Left Exterior Girder	171.45	0.95	1	1	124.215292
Combined Trck+lane_str	BOBJ1	396.45	Before	Interior Girder 1	171.45	0.95	1	1	85.863627
Combined Trck+lane_str	BOBJ1	396.45	Before	Interior Girder 2	171.45	0.95	1	1	85.863626
Combined Trck+lane_str	BOBJ1	396.45	Before	Right Exterior Girder	171.45	0.95	1	1	124.215301
Combined Trck+lane_str	BOBJ1	396.45	After	Left Exterior Girder	171.45	0.95	1	1	118.38692
Combined Trck+lane_str	BOBJ1	396.45	After	Interior Girder 1	171.45	0.95	1	1	81.909047
Combined Trck+lane_str	BOBJ1	396.45	After	Interior Girder 2	171.45	0.95	1	1	81.909046
Combined Trck+lane_str	BOBJ1	396.45	After	Right Exterior Girder	171.45	0.95	1	1	118.38693
Combined Trck+lane_str	BOBJ1	407.9	Before	Left Exterior Girder	182.9	0.95	1	1	110.69426
Combined Trck+lane_str	BOBJ1	407.9	Before	Interior Girder 1	182.9	0.95	1	1	75.48751
Combined Trck+lane_str	BOBJ1	407.9	Before	Interior Girder 2	182.9	0.95	1	1	75.487507
Combined Trck+lane_str	BOBJ1	407.9	Before	Right Exterior Girder	182.9	0.95	1	1	110.694269
Combined Trck+lane_str	BOBJ1	407.9	After	Left Exterior Girder	182.9	0.95	1	1	103.791592
Combined Trck+lane_str	BOBJ1	407.9	After	Interior Girder 1	182.9	0.95	1	1	81.467487
Combined Trck+lane_str	BOBJ1	407.9	After	Interior Girder 2	182.9	0.95	1	1	81.467483
Combined Trck+lane_str	BOBJ1	407.9	After	Right Exterior Girder	182.9	0.95	1	1	103.791596
Combined Trck+lane_str	BOBJ1	419.3	Before	Left Exterior Girder	194.3	0.95	1	1	97.520511
Combined Trck+lane_str	BOBJ1	419.3	Before	Interior Girder 1	194.3	0.95	1	1	75.446724
Combined Trck+lane_str	BOBJ1	419.3	Before	Interior Girder 2	194.3	0.95	1	1	75.446723
Combined Trck+lane_str	BOBJ1	419.3	Before	Right Exterior Girder	194.3	0.95	1	1	97.520515
Combined Trck+lane_str	BOBJ1	419.3	After	Left Exterior Girder	194.3	0.95	1	1	93.629099
Combined Trck+lane_str	BOBJ1	419.3	After	Interior Girder 1	194.3	0.95	1	1	72.214012
Combined Trck+lane_str	BOBJ1	419.3	After	Interior Girder 2	194.3	0.95	1	1	72.214011
Combined Trck+lane_str	BOBJ1	419.3	After	Right Exterior Girder	194.3	0.95	1	1	93.629103
Combined Trck+lane_str	BOBJ1	430.7	Before	Left Exterior Girder	205.7	0.95	1	1	88.412126
Combined Trck+lane_str	BOBJ1	430.7	Before	Interior Girder 1	205.7	0.95	1	1	66.877977
Combined Trck+lane_str	BOBJ1	430.7	Before	Interior Girder 2	205.7	0.95	1	1	66.877974
Combined Trck+lane_str	BOBJ1	430.7	Before	Right Exterior Girder	205.7	0.95	1	1	88.41213
Combined Trck+lane_str	BOBJ1	430.7	After	Left Exterior Girder	205.7	0.95	1	1	83.640513
Combined Trck+lane_str	BOBJ1	430.7	After	Interior Girder 1	205.7	0.95	1	1	71.271165
Combined Trck+lane_str	BOBJ1	430.7	After	Interior Girder 2	205.7	0.95	1	1	71.271162
Combined Trck+lane_str	BOBJ1	430.7	After	Right Exterior Girder	205.7	0.95	1	1	83.640519
Combined Trck+lane_str	BOBJ1	442.15	Before	Left Exterior Girder	217.0321	0.95	1	1	79.236695
Combined Trck+lane_str	BOBJ1	442.15	Before	Interior Girder 1	217.0321	0.95	1	1	66.282064
Combined Trck+lane_str	BOBJ1	442.15	Before	Interior Girder 2	217.0321	0.95	1	1	66.282062
Combined Trck+lane_str	BOBJ1	442.15	Before	Right Exterior Girder	217.0321	0.95	1	1	79.236701
Combined Trck+lane_str	BOBJ1	442.15	After	Left Exterior Girder	217.0321	0.95	1	1	50.040465
Combined Trck+lane_str	BOBJ1	442.15	After	Interior Girder 1	217.0321	0.95	1	1	41.511863
Combined Trck+lane_str	BOBJ1	442.15	After	Interior Girder 2	217.0321	0.95	1	1	41.511862
Combined Trck+lane_str	BOBJ1	442.15	After	Right Exterior Girder	217.0321	0.95	1	1	50.040468
Combined Trck+lane_str	BOBJ1	453.6	Before	Left Exterior Girder	228.6	0.95	1	1	47.448239
Combined Trck+lane_str	BOBJ1	453.6	Before	Interior Girder 1	228.6	0.95	1	1	38.469807
Combined Trck+lane_str	BOBJ1	453.6	Before	Interior Girder 2	228.6	0.95	1	1	38.469805
Combined Trck+lane_str	BOBJ1	453.6	Before	Right Exterior Girder	228.6	0.95	1	1	47.448242
Combined Trck+lane_str	BOBJ1	453.6	After	Left Exterior Girder	228.6	0.95	1	1	44.926594
Combined Trck+lane_str	BOBJ1	453.6	After	Interior Girder 1	228.6	0.95	1	1	40.383318
Combined Trck+lane_str	BOBJ1	453.6	After	Interior Girder 2	228.6	0.95	1	1	40.383317
Combined Trck+lane_str	BOBJ1	453.6	After	Right Exterior Girder	228.6	0.95	1	1	44.926595

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Main Span Girders									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Combined Trck+lane_str	BOBJ1	463.0439	Before	Left Exterior Girder	238.0439	0.95	1	1	44.605779
Combined Trck+lane_str	BOBJ1	463.0439	Before	Interior Girder 1	238.0439	0.95	1	1	40.067487
Combined Trck+lane_str	BOBJ1	463.0439	Before	Interior Girder 2	238.0439	0.95	1	1	40.067485
Combined Trck+lane_str	BOBJ1	463.0439	Before	Right Exterior Girder	238.0439	0.95	1	1	44.60578
Combined Trck+lane_str	BOBJ1	463.0439	After	Left Exterior Girder	238.0439	0.95	1	1	24.385195
Combined Trck+lane_str	BOBJ1	463.0439	After	Interior Girder 1	238.0439	0.95	1	1	21.667535
Combined Trck+lane_str	BOBJ1	463.0439	After	Interior Girder 2	238.0439	0.95	1	1	21.667534
Combined Trck+lane_str	BOBJ1	463.0439	After	Right Exterior Girder	238.0439	0.95	1	1	24.385194
Combined Trck+lane_str	BOBJ1	465	Before	Left Exterior Girder	240	0.95	1	1	24.337153
Combined Trck+lane_str	BOBJ1	465	Before	Interior Girder 1	240	0.95	1	1	21.620014
Combined Trck+lane_str	BOBJ1	465	Before	Interior Girder 2	240	0.95	1	1	21.620014
Combined Trck+lane_str	BOBJ1	465	Before	Right Exterior Girder	240	0.95	1	1	24.337153
Combined Trck+lane_str	BOBJ1	465	After	Left Exterior Girder	240	0.95	1	1	24.742234
Combined Trck+lane_str	BOBJ1	465	After	Interior Girder 1	240	0.95	1	1	21.315452
Combined Trck+lane_str	BOBJ1	465	After	Interior Girder 2	240	0.95	1	1	21.315451
Combined Trck+lane_str	BOBJ1	465	After	Right Exterior Girder	240	0.95	1	1	24.742234
Combined Trck+lane_str	BOBJ1	476.4	Before	Left Exterior Girder	251.4	0.95	1	1	23.458704
Combined Trck+lane_str	BOBJ1	476.4	Before	Interior Girder 1	251.4	0.95	1	1	19.78332
Combined Trck+lane_str	BOBJ1	476.4	Before	Interior Girder 2	251.4	0.95	1	1	19.78332
Combined Trck+lane_str	BOBJ1	476.4	Before	Right Exterior Girder	251.4	0.95	1	1	23.458704
Combined Trck+lane_str	BOBJ1	476.4	After	Left Exterior Girder	251.4	0.95	1	1	22.448082
Combined Trck+lane_str	BOBJ1	476.4	After	Interior Girder 1	251.4	0.95	1	1	20.296478
Combined Trck+lane_str	BOBJ1	476.4	After	Interior Girder 2	251.4	0.95	1	1	20.296478
Combined Trck+lane_str	BOBJ1	476.4	After	Right Exterior Girder	251.4	0.95	1	1	22.448082
Combined Trck+lane_str	BOBJ1	487.85	Before	Left Exterior Girder	262.85	0.95	1	1	21.39644
Combined Trck+lane_str	BOBJ1	487.85	Before	Interior Girder 1	262.85	0.95	1	1	18.784085
Combined Trck+lane_str	BOBJ1	487.85	Before	Interior Girder 2	262.85	0.95	1	1	18.784086
Combined Trck+lane_str	BOBJ1	487.85	Before	Right Exterior Girder	262.85	0.95	1	1	21.39644
Combined Trck+lane_str	BOBJ1	487.85	After	Left Exterior Girder	262.85	0.95	1	1	20.784243
Combined Trck+lane_str	BOBJ1	487.85	After	Interior Girder 1	262.85	0.95	1	1	17.808243
Combined Trck+lane_str	BOBJ1	487.85	After	Interior Girder 2	262.85	0.95	1	1	17.808244
Combined Trck+lane_str	BOBJ1	487.85	After	Right Exterior Girder	262.85	0.95	1	1	20.784243
Combined Trck+lane_str	BOBJ1	496.3126	Before	Left Exterior Girder	271.3126	0.95	1	1	20.599936
Combined Trck+lane_str	BOBJ1	496.3126	Before	Interior Girder 1	271.3126	0.95	1	1	17.631297
Combined Trck+lane_str	BOBJ1	496.3126	Before	Interior Girder 2	271.3126	0.95	1	1	17.631298
Combined Trck+lane_str	BOBJ1	496.3126	Before	Right Exterior Girder	271.3126	0.95	1	1	20.599936
Combined Trck+lane_str	BOBJ1	496.3126	After	Left Exterior Girder	271.3126	0.95	1	1	31.216401
Combined Trck+lane_str	BOBJ1	496.3126	After	Interior Girder 1	271.3126	0.95	1	1	25.581094
Combined Trck+lane_str	BOBJ1	496.3126	After	Interior Girder 2	271.3126	0.95	1	1	25.581096
Combined Trck+lane_str	BOBJ1	496.3126	After	Right Exterior Girder	271.3126	0.95	1	1	31.216401
Combined Trck+lane_str	BOBJ1	499.3	Before	Left Exterior Girder	274.3	0.95	1	1	31.139417
Combined Trck+lane_str	BOBJ1	499.3	Before	Interior Girder 1	274.3	0.95	1	1	25.511886
Combined Trck+lane_str	BOBJ1	499.3	Before	Interior Girder 2	274.3	0.95	1	1	25.511887
Combined Trck+lane_str	BOBJ1	499.3	Before	Right Exterior Girder	274.3	0.95	1	1	31.139417
Combined Trck+lane_str	BOBJ1	499.3	After	Left Exterior Girder	274.3	0.95	1	1	30.565749
Combined Trck+lane_str	BOBJ1	499.3	After	Interior Girder 1	274.3	0.95	1	1	25.898519
Combined Trck+lane_str	BOBJ1	499.3	After	Interior Girder 2	274.3	0.95	1	1	25.89852
Combined Trck+lane_str	BOBJ1	499.3	After	Right Exterior Girder	274.3	0.95	1	1	30.565747
Combined Trck+lane_str	BOBJ1	503.8969	Before	Left Exterior Girder	278.8969	0.95	1	1	30.44925
Combined Trck+lane_str	BOBJ1	503.8969	Before	Interior Girder 1	278.8969	0.95	1	1	25.790071
Combined Trck+lane_str	BOBJ1	503.8969	Before	Interior Girder 2	278.8969	0.95	1	1	25.790073
Combined Trck+lane_str	BOBJ1	503.8969	Before	Right Exterior Girder	278.8969	0.95	1	1	30.449249
Combined Trck+lane_str	BOBJ1	503.8969	After	Left Exterior Girder	278.8969	0.95	1	1	48.219327
Combined Trck+lane_str	BOBJ1	503.8969	After	Interior Girder 1	278.8969	0.95	1	1	39.779919
Combined Trck+lane_str	BOBJ1	503.8969	After	Interior Girder 2	278.8969	0.95	1	1	39.779921
Combined Trck+lane_str	BOBJ1	503.8969	After	Right Exterior Girder	278.8969	0.95	1	1	48.219324
Combined Trck+lane_str	BOBJ1	510.7	Before	Left Exterior Girder	285.7	0.95	1	1	48.004022
Combined Trck+lane_str	BOBJ1	510.7	Before	Interior Girder 1	285.7	0.95	1	1	39.58839
Combined Trck+lane_str	BOBJ1	510.7	Before	Interior Girder 2	285.7	0.95	1	1	39.588392
Combined Trck+lane_str	BOBJ1	510.7	Before	Right Exterior Girder	285.7	0.95	1	1	48.00402
Combined Trck+lane_str	BOBJ1	510.7	After	Left Exterior Girder	285.7	0.95	1	1	44.622422
Combined Trck+lane_str	BOBJ1	510.7	After	Interior Girder 1	285.7	0.95	1	1	36.570877
Combined Trck+lane_str	BOBJ1	510.7	After	Interior Girder 2	285.7	0.95	1	1	36.570878
Combined Trck+lane_str	BOBJ1	510.7	After	Right Exterior Girder	285.7	0.95	1	1	44.62242
Combined Trck+lane_str	BOBJ1	511.4811	Before	Left Exterior Girder	286.4811	0.95	1	1	44.599346
Combined Trck+lane_str	BOBJ1	511.4811	Before	Interior Girder 1	286.4811	0.95	1	1	36.550612
Combined Trck+lane_str	BOBJ1	511.4811	Before	Interior Girder 2	286.4811	0.95	1	1	36.550614
Combined Trck+lane_str	BOBJ1	511.4811	Before	Right Exterior Girder	286.4811	0.95	1	1	44.599344

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Main Span Girders									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Combined Trck+lane_str	BOBJ1	511.4811	After	Left Exterior Girder	286.4811	0.95	1	1	61.881452
Combined Trck+lane_str	BOBJ1	511.4811	After	Interior Girder 1	286.4811	0.95	1	1	48.942528
Combined Trck+lane_str	BOBJ1	511.4811	After	Interior Girder 2	286.4811	0.95	1	1	48.94253
Combined Trck+lane_str	BOBJ1	511.4811	After	Right Exterior Girder	286.4811	0.95	1	1	61.881449
Combined Trck+lane_str	BOBJ1	522.1	Before	Left Exterior Girder	297.1	0.95	1	1	61.494782
Combined Trck+lane_str	BOBJ1	522.1	Before	Interior Girder 1	297.1	0.95	1	1	48.616364
Combined Trck+lane_str	BOBJ1	522.1	Before	Interior Girder 2	297.1	0.95	1	1	48.616366
Combined Trck+lane_str	BOBJ1	522.1	Before	Right Exterior Girder	297.1	0.95	1	1	61.494779
Combined Trck+lane_str	BOBJ1	522.1	After	Left Exterior Girder	297.1	0.95	1	1	58.582416
Combined Trck+lane_str	BOBJ1	522.1	After	Interior Girder 1	297.1	0.95	1	1	44.484059
Combined Trck+lane_str	BOBJ1	522.1	After	Interior Girder 2	297.1	0.95	1	1	44.48406
Combined Trck+lane_str	BOBJ1	522.1	After	Right Exterior Girder	297.1	0.95	1	1	58.582414
Combined Trck+lane_str	BOBJ1	530.4918	Before	Left Exterior Girder	305.4918	0.95	1	1	58.290649
Combined Trck+lane_str	BOBJ1	530.4918	Before	Interior Girder 1	305.4918	0.95	1	1	44.247736
Combined Trck+lane_str	BOBJ1	530.4918	Before	Interior Girder 2	305.4918	0.95	1	1	44.247737
Combined Trck+lane_str	BOBJ1	530.4918	Before	Right Exterior Girder	305.4918	0.95	1	1	58.290647
Combined Trck+lane_str	BOBJ1	530.4918	After	Left Exterior Girder	305.4918	0.95	1	1	70.853994
Combined Trck+lane_str	BOBJ1	530.4918	After	Interior Girder 1	305.4918	0.95	1	1	51.163192
Combined Trck+lane_str	BOBJ1	530.4918	After	Interior Girder 2	305.4918	0.95	1	1	51.163193
Combined Trck+lane_str	BOBJ1	530.4918	After	Right Exterior Girder	305.4918	0.95	1	1	70.853992
Combined Trck+lane_str	BOBJ1	533.55	Before	Left Exterior Girder	308.55	0.95	1	1	70.734568
Combined Trck+lane_str	BOBJ1	533.55	Before	Interior Girder 1	308.55	0.95	1	1	51.071982
Combined Trck+lane_str	BOBJ1	533.55	Before	Interior Girder 2	308.55	0.95	1	1	51.071983
Combined Trck+lane_str	BOBJ1	533.55	Before	Right Exterior Girder	308.55	0.95	1	1	70.734566
Combined Trck+lane_str	BOBJ1	533.55	After	Left Exterior Girder	308.55	0.95	1	1	70.334535
Combined Trck+lane_str	BOBJ1	533.55	After	Interior Girder 1	308.55	0.95	1	1	49.983558
Combined Trck+lane_str	BOBJ1	533.55	After	Interior Girder 2	308.55	0.95	1	1	49.983559
Combined Trck+lane_str	BOBJ1	533.55	After	Right Exterior Girder	308.55	0.95	1	1	70.334533
Combined Trck+lane_str	BOBJ1	545	Before	Left Exterior Girder	320	0.95	1	1	68.461011
Combined Trck+lane_str	BOBJ1	545	Before	Interior Girder 1	320	0.95	1	1	46.746158
Combined Trck+lane_str	BOBJ1	545	Before	Interior Girder 2	320	0.95	1	1	46.746159
Combined Trck+lane_str	BOBJ1	545	Before	Right Exterior Girder	320	0.95	1	1	68.46101
Combined Trck+lane_str	BOBJ1	545	After	Left Exterior Girder	0	0.95	1	1	75.576339
Combined Trck+lane_str	BOBJ1	545	After	Interior Girder 1	0	0.95	1	1	50.827365
Combined Trck+lane_str	BOBJ1	545	After	Interior Girder 2	0	0.95	1	1	50.827365
Combined Trck+lane_str	BOBJ1	545	After	Right Exterior Girder	0	0.95	1	1	75.576338
Combined Trck+lane_str	BOBJ1	556.25	Before	Left Exterior Girder	11.25	0.95	1	1	76.044104
Combined Trck+lane_str	BOBJ1	556.25	Before	Interior Girder 1	11.25	0.95	1	1	51.160466
Combined Trck+lane_str	BOBJ1	556.25	Before	Interior Girder 2	11.25	0.95	1	1	51.160466
Combined Trck+lane_str	BOBJ1	556.25	Before	Right Exterior Girder	11.25	0.95	1	1	76.044103
Combined Trck+lane_str	BOBJ1	556.25	After	Left Exterior Girder	11.25	0.95	1	1	76.885505
Combined Trck+lane_str	BOBJ1	556.25	After	Interior Girder 1	11.25	0.95	1	1	53.119485
Combined Trck+lane_str	BOBJ1	556.25	After	Interior Girder 2	11.25	0.95	1	1	53.119486
Combined Trck+lane_str	BOBJ1	556.25	After	Right Exterior Girder	11.25	0.95	1	1	76.885504
Combined Trck+lane_str	BOBJ1	559.4358	Before	Left Exterior Girder	14.4358	0.95	1	1	77.019326
Combined Trck+lane_str	BOBJ1	559.4358	Before	Interior Girder 1	14.4358	0.95	1	1	53.217329
Combined Trck+lane_str	BOBJ1	559.4358	Before	Interior Girder 2	14.4358	0.95	1	1	53.217329
Combined Trck+lane_str	BOBJ1	559.4358	Before	Right Exterior Girder	14.4358	0.95	1	1	77.019325
Combined Trck+lane_str	BOBJ1	559.4358	After	Left Exterior Girder	14.4358	0.95	1	1	63.659469
Combined Trck+lane_str	BOBJ1	559.4358	After	Interior Girder 1	14.4358	0.95	1	1	46.147341
Combined Trck+lane_str	BOBJ1	559.4358	After	Interior Girder 2	14.4358	0.95	1	1	46.147341
Combined Trck+lane_str	BOBJ1	559.4358	After	Right Exterior Girder	14.4358	0.95	1	1	63.659468
Combined Trck+lane_str	BOBJ1	567.5	Before	Left Exterior Girder	22.5	0.95	1	1	63.961692
Combined Trck+lane_str	BOBJ1	567.5	Before	Interior Girder 1	22.5	0.95	1	1	46.381217
Combined Trck+lane_str	BOBJ1	567.5	Before	Interior Girder 2	22.5	0.95	1	1	46.381217
Combined Trck+lane_str	BOBJ1	567.5	Before	Right Exterior Girder	22.5	0.95	1	1	63.961691
Combined Trck+lane_str	BOBJ1	567.5	After	Left Exterior Girder	22.5	0.95	1	1	64.193176
Combined Trck+lane_str	BOBJ1	567.5	After	Interior Girder 1	22.5	0.95	1	1	46.684437
Combined Trck+lane_str	BOBJ1	567.5	After	Interior Girder 2	22.5	0.95	1	1	46.684437
Combined Trck+lane_str	BOBJ1	567.5	After	Right Exterior Girder	22.5	0.95	1	1	64.193175
Combined Trck+lane_str	BOBJ1	570.0586	Before	Left Exterior Girder	25.0586	0.95	1	1	64.289315
Combined Trck+lane_str	BOBJ1	570.0586	Before	Interior Girder 1	25.0586	0.95	1	1	46.758991
Combined Trck+lane_str	BOBJ1	570.0586	Before	Interior Girder 2	25.0586	0.95	1	1	46.758991
Combined Trck+lane_str	BOBJ1	570.0586	Before	Right Exterior Girder	25.0586	0.95	1	1	64.289315
Combined Trck+lane_str	BOBJ1	570.0586	After	Left Exterior Girder	25.0586	0.95	1	1	50.534852
Combined Trck+lane_str	BOBJ1	570.0586	After	Interior Girder 1	25.0586	0.95	1	1	38.701188
Combined Trck+lane_str	BOBJ1	570.0586	After	Interior Girder 2	25.0586	0.95	1	1	38.701189
Combined Trck+lane_str	BOBJ1	570.0586	After	Right Exterior Girder	25.0586	0.95	1	1	50.534851

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Main Span Girders									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Combined Trck+lane_str	BOBJ1	578.75	Before	Left Exterior Girder	33.75	0.95	1	1	50.822053
Combined Trck+lane_str	BOBJ1	578.75	Before	Interior Girder 1	33.75	0.95	1	1	38.938615
Combined Trck+lane_str	BOBJ1	578.75	Before	Interior Girder 2	33.75	0.95	1	1	38.938616
Combined Trck+lane_str	BOBJ1	578.75	Before	Right Exterior Girder	33.75	0.95	1	1	50.822052
Combined Trck+lane_str	BOBJ1	578.75	After	Left Exterior Girder	33.75	0.95	1	1	52.75599
Combined Trck+lane_str	BOBJ1	578.75	After	Interior Girder 1	33.75	0.95	1	1	42.472371
Combined Trck+lane_str	BOBJ1	578.75	After	Interior Girder 2	33.75	0.95	1	1	42.472371
Combined Trck+lane_str	BOBJ1	578.75	After	Right Exterior Girder	33.75	0.95	1	1	52.755989
Combined Trck+lane_str	BOBJ1	586.8142	Before	Left Exterior Girder	41.8142	0.95	1	1	53.032083
Combined Trck+lane_str	BOBJ1	586.8142	Before	Interior Girder 1	41.8142	0.95	1	1	42.712251
Combined Trck+lane_str	BOBJ1	586.8142	Before	Interior Girder 2	41.8142	0.95	1	1	42.712252
Combined Trck+lane_str	BOBJ1	586.8142	Before	Right Exterior Girder	41.8142	0.95	1	1	53.032083
Combined Trck+lane_str	BOBJ1	586.8142	After	Left Exterior Girder	41.8142	0.95	1	1	33.504227
Combined Trck+lane_str	BOBJ1	586.8142	After	Interior Girder 1	41.8142	0.95	1	1	27.622127
Combined Trck+lane_str	BOBJ1	586.8142	After	Interior Girder 2	41.8142	0.95	1	1	27.622127
Combined Trck+lane_str	BOBJ1	586.8142	After	Right Exterior Girder	41.8142	0.95	1	1	33.504227
Combined Trck+lane_str	BOBJ1	590	Before	Left Exterior Girder	45	0.95	1	1	33.590798
Combined Trck+lane_str	BOBJ1	590	Before	Interior Girder 1	45	0.95	1	1	27.700534
Combined Trck+lane_str	BOBJ1	590	Before	Interior Girder 2	45	0.95	1	1	27.700534
Combined Trck+lane_str	BOBJ1	590	Before	Right Exterior Girder	45	0.95	1	1	33.590798
Combined Trck+lane_str	BOBJ1	590	After	Left Exterior Girder	45	0.95	1	1	36.192053
Combined Trck+lane_str	BOBJ1	590	After	Interior Girder 1	45	0.95	1	1	30.019835
Combined Trck+lane_str	BOBJ1	590	After	Interior Girder 2	45	0.95	1	1	30.019834
Combined Trck+lane_str	BOBJ1	590	After	Right Exterior Girder	45	0.95	1	1	36.192052
Combined Trck+lane_str	BOBJ1	601.25	Before	Left Exterior Girder	56.25	0.95	1	1	36.519926
Combined Trck+lane_str	BOBJ1	601.25	Before	Interior Girder 1	56.25	0.95	1	1	30.319139
Combined Trck+lane_str	BOBJ1	601.25	Before	Interior Girder 2	56.25	0.95	1	1	30.319139
Combined Trck+lane_str	BOBJ1	601.25	Before	Right Exterior Girder	56.25	0.95	1	1	36.519926
Combined Trck+lane_str	BOBJ1	601.25	After	Left Exterior Girder	56.25	0.95	1	1	35.08658
Combined Trck+lane_str	BOBJ1	601.25	After	Interior Girder 1	56.25	0.95	1	1	32.587717
Combined Trck+lane_str	BOBJ1	601.25	After	Interior Girder 2	56.25	0.95	1	1	32.587717
Combined Trck+lane_str	BOBJ1	601.25	After	Right Exterior Girder	56.25	0.95	1	1	35.086579
Combined Trck+lane_str	BOBJ1	601.7478	Before	Left Exterior Girder	56.7478	0.95	1	1	35.100578
Combined Trck+lane_str	BOBJ1	601.7478	Before	Interior Girder 1	56.7478	0.95	1	1	32.601837
Combined Trck+lane_str	BOBJ1	601.7478	Before	Interior Girder 2	56.7478	0.95	1	1	32.601837
Combined Trck+lane_str	BOBJ1	601.7478	Before	Right Exterior Girder	56.7478	0.95	1	1	35.100578
Combined Trck+lane_str	BOBJ1	601.7478	After	Left Exterior Girder	56.7478	0.95	1	1	25.119027
Combined Trck+lane_str	BOBJ1	601.7478	After	Interior Girder 1	56.7478	0.95	1	1	22.162517
Combined Trck+lane_str	BOBJ1	601.7478	After	Interior Girder 2	56.7478	0.95	1	1	22.162517
Combined Trck+lane_str	BOBJ1	601.7478	After	Right Exterior Girder	56.7478	0.95	1	1	25.119027
Combined Trck+lane_str	BOBJ1	612.5	Before	Left Exterior Girder	67.5	0.95	1	1	25.389179
Combined Trck+lane_str	BOBJ1	612.5	Before	Interior Girder 1	67.5	0.95	1	1	22.430223
Combined Trck+lane_str	BOBJ1	612.5	Before	Interior Girder 2	67.5	0.95	1	1	22.430223
Combined Trck+lane_str	BOBJ1	612.5	Before	Right Exterior Girder	67.5	0.95	1	1	25.389178
Combined Trck+lane_str	BOBJ1	612.5	After	Left Exterior Girder	67.5	0.95	1	1	27.944089
Combined Trck+lane_str	BOBJ1	612.5	After	Interior Girder 1	67.5	0.95	1	1	23.50492
Combined Trck+lane_str	BOBJ1	612.5	After	Interior Girder 2	67.5	0.95	1	1	23.504919
Combined Trck+lane_str	BOBJ1	612.5	After	Right Exterior Girder	67.5	0.95	1	1	27.944089
Combined Trck+lane_str	BOBJ1	623.75	Before	Left Exterior Girder	78.75	0.95	1	1	28.252776
Combined Trck+lane_str	BOBJ1	623.75	Before	Interior Girder 1	78.75	0.95	1	1	23.796544
Combined Trck+lane_str	BOBJ1	623.75	Before	Interior Girder 2	78.75	0.95	1	1	23.796543
Combined Trck+lane_str	BOBJ1	623.75	Before	Right Exterior Girder	78.75	0.95	1	1	28.252776
Combined Trck+lane_str	BOBJ1	623.75	After	Left Exterior Girder	78.75	0.95	1	1	30.915452
Combined Trck+lane_str	BOBJ1	623.75	After	Interior Girder 1	78.75	0.95	1	1	27.08579
Combined Trck+lane_str	BOBJ1	623.75	After	Interior Girder 2	78.75	0.95	1	1	27.085789
Combined Trck+lane_str	BOBJ1	623.75	After	Right Exterior Girder	78.75	0.95	1	1	30.915452
Combined Trck+lane_str	BOBJ1	635	Before	Left Exterior Girder	90	0.95	1	1	31.251236
Combined Trck+lane_str	BOBJ1	635	Before	Interior Girder 1	90	0.95	1	1	27.416145
Combined Trck+lane_str	BOBJ1	635	Before	Interior Girder 2	90	0.95	1	1	27.416144
Combined Trck+lane_str	BOBJ1	635	Before	Right Exterior Girder	90	0.95	1	1	31.251236
Combined Trck+lane_str	BOBJ1	635	After	Left Exterior Girder	90	0.95	1	1	34.516456
Combined Trck+lane_str	BOBJ1	635	After	Interior Girder 1	90	0.95	1	1	26.943244
Combined Trck+lane_str	BOBJ1	635	After	Interior Girder 2	90	0.95	1	1	26.943243
Combined Trck+lane_str	BOBJ1	635	After	Right Exterior Girder	90	0.95	1	1	34.516456
Combined Trck+lane_str	BOBJ1	643.5619	Before	Left Exterior Girder	98.5619	0.95	1	1	34.796711
Combined Trck+lane_str	BOBJ1	643.5619	Before	Interior Girder 1	98.5619	0.95	1	1	27.188977
Combined Trck+lane_str	BOBJ1	643.5619	Before	Interior Girder 2	98.5619	0.95	1	1	27.188975
Combined Trck+lane_str	BOBJ1	643.5619	Before	Right Exterior Girder	98.5619	0.95	1	1	34.796712

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Main Span Girders									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Combined Trck+lane_str	BOBJ1	643.5619	After	Left Exterior Girder	98.5619	0.95	1	1	58.694132
Combined Trck+lane_str	BOBJ1	643.5619	After	Interior Girder 1	98.5619	0.95	1	1	45.893284
Combined Trck+lane_str	BOBJ1	643.5619	After	Interior Girder 2	98.5619	0.95	1	1	45.893282
Combined Trck+lane_str	BOBJ1	643.5619	After	Right Exterior Girder	98.5619	0.95	1	1	58.694133
Combined Trck+lane_str	BOBJ1	646.25	Before	Left Exterior Girder	101.25	0.95	1	1	58.805995
Combined Trck+lane_str	BOBJ1	646.25	Before	Interior Girder 1	101.25	0.95	1	1	45.98932
Combined Trck+lane_str	BOBJ1	646.25	Before	Interior Girder 2	101.25	0.95	1	1	45.989319
Combined Trck+lane_str	BOBJ1	646.25	Before	Right Exterior Girder	101.25	0.95	1	1	58.805996
Combined Trck+lane_str	BOBJ1	646.25	After	Left Exterior Girder	101.25	0.95	1	1	66.112628
Combined Trck+lane_str	BOBJ1	646.25	After	Interior Girder 1	101.25	0.95	1	1	53.360132
Combined Trck+lane_str	BOBJ1	646.25	After	Interior Girder 2	101.25	0.95	1	1	53.360131
Combined Trck+lane_str	BOBJ1	646.25	After	Right Exterior Girder	101.25	0.95	1	1	66.112629
Combined Trck+lane_str	BOBJ1	657.5	Before	Left Exterior Girder	112.5	0.95	1	1	66.637515
Combined Trck+lane_str	BOBJ1	657.5	Before	Interior Girder 1	112.5	0.95	1	1	53.825995
Combined Trck+lane_str	BOBJ1	657.5	Before	Interior Girder 2	112.5	0.95	1	1	53.825993
Combined Trck+lane_str	BOBJ1	657.5	Before	Right Exterior Girder	112.5	0.95	1	1	66.637515
Combined Trck+lane_str	BOBJ1	657.5	After	Left Exterior Girder	112.5	0.95	1	1	77.728024
Combined Trck+lane_str	BOBJ1	657.5	After	Interior Girder 1	112.5	0.95	1	1	54.31993
Combined Trck+lane_str	BOBJ1	657.5	After	Interior Girder 2	112.5	0.95	1	1	54.319937
Combined Trck+lane_str	BOBJ1	657.5	After	Right Exterior Girder	112.5	0.95	1	1	77.728018
Combined Trck+lane_str	BOBJ1	668.75	Before	Left Exterior Girder	123.75	0.95	1	1	78.337361
Combined Trck+lane_str	BOBJ1	668.75	Before	Interior Girder 1	123.75	0.95	1	1	54.788418
Combined Trck+lane_str	BOBJ1	668.75	Before	Interior Girder 2	123.75	0.95	1	1	54.788425
Combined Trck+lane_str	BOBJ1	668.75	Before	Right Exterior Girder	123.75	0.95	1	1	78.337355
Combined Trck+lane_str	BOBJ1	668.75	After	Left Exterior Girder	123.75	0.95	1	1	91.211837
Combined Trck+lane_str	BOBJ1	668.75	After	Interior Girder 1	123.75	0.95	1	1	63.957946
Combined Trck+lane_str	BOBJ1	668.75	After	Interior Girder 2	123.75	0.95	1	1	63.957954
Combined Trck+lane_str	BOBJ1	668.75	After	Right Exterior Girder	123.75	0.95	1	1	91.211827
Combined Trck+lane_str	BOBJ1	680	Before	Left Exterior Girder	135	0.95	1	1	91.918896
Combined Trck+lane_str	BOBJ1	680	Before	Interior Girder 1	135	0.95	1	1	64.503361
Combined Trck+lane_str	BOBJ1	680	Before	Interior Girder 2	135	0.95	1	1	64.503369
Combined Trck+lane_str	BOBJ1	680	Before	Right Exterior Girder	135	0.95	1	1	91.918886
Combined Trck+lane_str	BOBJ1	680	After	Left Exterior Girder	135	0.95	1	1	108.350228
Combined Trck+lane_str	BOBJ1	680	After	Interior Girder 1	135	0.95	1	1	65.442915
Combined Trck+lane_str	BOBJ1	680	After	Interior Girder 2	135	0.95	1	1	65.442912
Combined Trck+lane_str	BOBJ1	680	After	Right Exterior Girder	135	0.95	1	1	108.350235
Combined Trck+lane_str	BOBJ1	691.25	Before	Left Exterior Girder	146.25	0.95	1	1	107.546183
Combined Trck+lane_str	BOBJ1	691.25	Before	Interior Girder 1	146.25	0.95	1	1	65.994404
Combined Trck+lane_str	BOBJ1	691.25	Before	Interior Girder 2	146.25	0.95	1	1	65.994401
Combined Trck+lane_str	BOBJ1	691.25	Before	Right Exterior Girder	146.25	0.95	1	1	107.546191
Combined Trck+lane_str	BOBJ1	691.25	After	Left Exterior Girder	146.25	0.95	1	1	91.984498
Combined Trck+lane_str	BOBJ1	691.25	After	Interior Girder 1	146.25	0.95	1	1	63.412152
Combined Trck+lane_str	BOBJ1	691.25	After	Interior Girder 2	146.25	0.95	1	1	63.412155
Combined Trck+lane_str	BOBJ1	691.25	After	Right Exterior Girder	146.25	0.95	1	1	91.984499
Combined Trck+lane_str	BOBJ1	702.5	Before	Left Exterior Girder	157.5	0.95	1	1	91.294521
Combined Trck+lane_str	BOBJ1	702.5	Before	Interior Girder 1	157.5	0.95	1	1	62.888748
Combined Trck+lane_str	BOBJ1	702.5	Before	Interior Girder 2	157.5	0.95	1	1	62.88875
Combined Trck+lane_str	BOBJ1	702.5	Before	Right Exterior Girder	157.5	0.95	1	1	91.294522
Combined Trck+lane_str	BOBJ1	702.5	After	Left Exterior Girder	157.5	0.95	1	1	77.103432
Combined Trck+lane_str	BOBJ1	702.5	After	Interior Girder 1	157.5	0.95	1	1	62.852593
Combined Trck+lane_str	BOBJ1	702.5	After	Interior Girder 2	157.5	0.95	1	1	62.852596
Combined Trck+lane_str	BOBJ1	702.5	After	Right Exterior Girder	157.5	0.95	1	1	77.103427
Combined Trck+lane_str	BOBJ1	713.75	Before	Left Exterior Girder	168.75	0.95	1	1	76.51799
Combined Trck+lane_str	BOBJ1	713.75	Before	Interior Girder 1	168.75	0.95	1	1	62.327746
Combined Trck+lane_str	BOBJ1	713.75	Before	Interior Girder 2	168.75	0.95	1	1	62.327749
Combined Trck+lane_str	BOBJ1	713.75	Before	Right Exterior Girder	168.75	0.95	1	1	76.517985
Combined Trck+lane_str	BOBJ1	713.75	After	Left Exterior Girder	168.75	0.95	1	1	67.272223
Combined Trck+lane_str	BOBJ1	713.75	After	Interior Girder 1	168.75	0.95	1	1	53.649136
Combined Trck+lane_str	BOBJ1	713.75	After	Interior Girder 2	168.75	0.95	1	1	53.649137
Combined Trck+lane_str	BOBJ1	713.75	After	Right Exterior Girder	168.75	0.95	1	1	67.272222
Combined Trck+lane_str	BOBJ1	725	Before	Left Exterior Girder	180	0.95	1	1	66.755776
Combined Trck+lane_str	BOBJ1	725	Before	Interior Girder 1	180	0.95	1	1	53.196164
Combined Trck+lane_str	BOBJ1	725	Before	Interior Girder 2	180	0.95	1	1	53.196165
Combined Trck+lane_str	BOBJ1	725	Before	Right Exterior Girder	180	0.95	1	1	66.755775
Combined Trck+lane_str	BOBJ1	725	After	Left Exterior Girder	180	0.95	1	1	58.090048
Combined Trck+lane_str	BOBJ1	725	After	Interior Girder 1	180	0.95	1	1	51.313995
Combined Trck+lane_str	BOBJ1	725	After	Interior Girder 2	180	0.95	1	1	51.313993
Combined Trck+lane_str	BOBJ1	725	After	Right Exterior Girder	180	0.95	1	1	58.090052

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Main Span Girders									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Combined Trck+lane_str	BOBJ1	731.1726	Before	Left Exterior Girder	186.1726	0.95	1	1	57.842478
Combined Trck+lane_str	BOBJ1	731.1726	Before	Interior Girder 1	186.1726	0.95	1	1	51.073634
Combined Trck+lane_str	BOBJ1	731.1726	Before	Interior Girder 2	186.1726	0.95	1	1	51.073632
Combined Trck+lane_str	BOBJ1	731.1726	Before	Right Exterior Girder	186.1726	0.95	1	1	57.842483
Combined Trck+lane_str	BOBJ1	731.1726	After	Left Exterior Girder	186.1726	0.95	1	1	33.394647
Combined Trck+lane_str	BOBJ1	731.1726	After	Interior Girder 1	186.1726	0.95	1	1	29.115999
Combined Trck+lane_str	BOBJ1	731.1726	After	Interior Girder 2	186.1726	0.95	1	1	29.115997
Combined Trck+lane_str	BOBJ1	731.1726	After	Right Exterior Girder	186.1726	0.95	1	1	33.39465
Combined Trck+lane_str	BOBJ1	736.25	Before	Left Exterior Girder	191.25	0.95	1	1	33.240681
Combined Trck+lane_str	BOBJ1	736.25	Before	Interior Girder 1	191.25	0.95	1	1	28.965356
Combined Trck+lane_str	BOBJ1	736.25	Before	Interior Girder 2	191.25	0.95	1	1	28.965354
Combined Trck+lane_str	BOBJ1	736.25	Before	Right Exterior Girder	191.25	0.95	1	1	33.240684
Combined Trck+lane_str	BOBJ1	736.25	After	Left Exterior Girder	191.25	0.95	1	1	31.752283
Combined Trck+lane_str	BOBJ1	736.25	After	Interior Girder 1	191.25	0.95	1	1	27.100975
Combined Trck+lane_str	BOBJ1	736.25	After	Interior Girder 2	191.25	0.95	1	1	27.100974
Combined Trck+lane_str	BOBJ1	736.25	After	Right Exterior Girder	191.25	0.95	1	1	31.752284
Combined Trck+lane_str	BOBJ1	747.5	Before	Left Exterior Girder	202.5	0.95	1	1	31.425225
Combined Trck+lane_str	BOBJ1	747.5	Before	Interior Girder 1	202.5	0.95	1	1	26.787567
Combined Trck+lane_str	BOBJ1	747.5	Before	Interior Girder 2	202.5	0.95	1	1	26.787566
Combined Trck+lane_str	BOBJ1	747.5	Before	Right Exterior Girder	202.5	0.95	1	1	31.425226
Combined Trck+lane_str	BOBJ1	747.5	After	Left Exterior Girder	202.5	0.95	1	1	27.87845
Combined Trck+lane_str	BOBJ1	747.5	After	Interior Girder 1	202.5	0.95	1	1	24.443182
Combined Trck+lane_str	BOBJ1	747.5	After	Interior Girder 2	202.5	0.95	1	1	24.44318
Combined Trck+lane_str	BOBJ1	747.5	After	Right Exterior Girder	202.5	0.95	1	1	27.87845
Combined Trck+lane_str	BOBJ1	758.75	Before	Left Exterior Girder	213.75	0.95	1	1	27.58593
Combined Trck+lane_str	BOBJ1	758.75	Before	Interior Girder 1	213.75	0.95	1	1	24.155613
Combined Trck+lane_str	BOBJ1	758.75	Before	Interior Girder 2	213.75	0.95	1	1	24.155611
Combined Trck+lane_str	BOBJ1	758.75	Before	Right Exterior Girder	213.75	0.95	1	1	27.585929
Combined Trck+lane_str	BOBJ1	758.75	After	Left Exterior Girder	213.75	0.95	1	1	25.400887
Combined Trck+lane_str	BOBJ1	758.75	After	Interior Girder 1	213.75	0.95	1	1	19.97875
Combined Trck+lane_str	BOBJ1	758.75	After	Interior Girder 2	213.75	0.95	1	1	19.978748
Combined Trck+lane_str	BOBJ1	758.75	After	Right Exterior Girder	213.75	0.95	1	1	25.400888
Combined Trck+lane_str	BOBJ1	770	Before	Left Exterior Girder	225	0.95	1	1	25.129982
Combined Trck+lane_str	BOBJ1	770	Before	Interior Girder 1	225	0.95	1	1	19.739789
Combined Trck+lane_str	BOBJ1	770	Before	Interior Girder 2	225	0.95	1	1	19.739787
Combined Trck+lane_str	BOBJ1	770	Before	Right Exterior Girder	225	0.95	1	1	25.129983

TABLE: Bridge Super Rating AASHTORATE18 26 - SteelINonCompServ-Flx - Main Span Girders									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
HL93_serv_opr	BOBJ1	0	After	Left Exterior Girder	0	0.95	1	1	167.845712
HL93_serv_opr	BOBJ1	0	After	Interior Girder 1	0	0.95	1	1	139.302905
HL93_serv_opr	BOBJ1	0	After	Interior Girder 2	0	0.95	1	1	139.302767
HL93_serv_opr	BOBJ1	0	After	Right Exterior Girder	0	0.95	1	1	167.8457
HL93_serv_opr	BOBJ1	11.25	Before	Left Exterior Girder	11.25	0.95	1	1	8.689737
HL93_serv_opr	BOBJ1	11.25	Before	Interior Girder 1	11.25	0.95	1	1	6.34551
HL93_serv_opr	BOBJ1	11.25	Before	Interior Girder 2	11.25	0.95	1	1	6.345511
HL93_serv_opr	BOBJ1	11.25	Before	Right Exterior Girder	11.25	0.95	1	1	8.689736
HL93_serv_opr	BOBJ1	11.25	After	Left Exterior Girder	11.25	0.95	1	1	8.700985
HL93_serv_opr	BOBJ1	11.25	After	Interior Girder 1	11.25	0.95	1	1	6.407069
HL93_serv_opr	BOBJ1	11.25	After	Interior Girder 2	11.25	0.95	1	1	6.40707
HL93_serv_opr	BOBJ1	11.25	After	Right Exterior Girder	11.25	0.95	1	1	8.700985
HL93_serv_opr	BOBJ1	22.5	Before	Left Exterior Girder	22.5	0.95	1	1	3.635294
HL93_serv_opr	BOBJ1	22.5	Before	Interior Girder 1	22.5	0.95	1	1	3.004697
HL93_serv_opr	BOBJ1	22.5	Before	Interior Girder 2	22.5	0.95	1	1	3.004698
HL93_serv_opr	BOBJ1	22.5	Before	Right Exterior Girder	22.5	0.95	1	1	3.635293
HL93_serv_opr	BOBJ1	22.5	After	Left Exterior Girder	22.5	0.95	1	1	3.776625
HL93_serv_opr	BOBJ1	22.5	After	Interior Girder 1	22.5	0.95	1	1	3.017328
HL93_serv_opr	BOBJ1	22.5	After	Interior Girder 2	22.5	0.95	1	1	3.017328
HL93_serv_opr	BOBJ1	22.5	After	Right Exterior Girder	22.5	0.95	1	1	3.776625
HL93_serv_opr	BOBJ1	33.75	Before	Left Exterior Girder	33.75	0.95	1	1	2.14468
HL93_serv_opr	BOBJ1	33.75	Before	Interior Girder 1	33.75	0.95	1	1	1.830786
HL93_serv_opr	BOBJ1	33.75	Before	Interior Girder 2	33.75	0.95	1	1	1.830786
HL93_serv_opr	BOBJ1	33.75	Before	Right Exterior Girder	33.75	0.95	1	1	2.14468
HL93_serv_opr	BOBJ1	33.75	After	Left Exterior Girder	33.75	0.95	1	1	2.151653
HL93_serv_opr	BOBJ1	33.75	After	Interior Girder 1	33.75	0.95	1	1	1.829546
HL93_serv_opr	BOBJ1	33.75	After	Interior Girder 2	33.75	0.95	1	1	1.829546
HL93_serv_opr	BOBJ1	33.75	After	Right Exterior Girder	33.75	0.95	1	1	2.151653
HL93_serv_opr	BOBJ1	38.8274	Before	Left Exterior Girder	38.8274	0.95	1	1	1.740125
HL93_serv_opr	BOBJ1	38.8274	Before	Interior Girder 1	38.8274	0.95	1	1	1.533413
HL93_serv_opr	BOBJ1	38.8274	Before	Interior Girder 2	38.8274	0.95	1	1	1.533413
HL93_serv_opr	BOBJ1	38.8274	Before	Right Exterior Girder	38.8274	0.95	1	1	1.740125
HL93_serv_opr	BOBJ1	38.8274	After	Left Exterior Girder	38.8274	0.95	1	1	4.054116
HL93_serv_opr	BOBJ1	38.8274	After	Interior Girder 1	38.8274	0.95	1	1	3.578605
HL93_serv_opr	BOBJ1	38.8274	After	Interior Girder 2	38.8274	0.95	1	1	3.578605
HL93_serv_opr	BOBJ1	38.8274	After	Right Exterior Girder	38.8274	0.95	1	1	4.054116
HL93_serv_opr	BOBJ1	45	Before	Left Exterior Girder	45	0.95	1	1	3.455705
HL93_serv_opr	BOBJ1	45	Before	Interior Girder 1	45	0.95	1	1	3.140408
HL93_serv_opr	BOBJ1	45	Before	Interior Girder 2	45	0.95	1	1	3.140408
HL93_serv_opr	BOBJ1	45	Before	Right Exterior Girder	45	0.95	1	1	3.455705
HL93_serv_opr	BOBJ1	45	After	Left Exterior Girder	45	0.95	1	1	3.508336
HL93_serv_opr	BOBJ1	45	After	Interior Girder 1	45	0.95	1	1	3.131449
HL93_serv_opr	BOBJ1	45	After	Interior Girder 2	45	0.95	1	1	3.131448
HL93_serv_opr	BOBJ1	45	After	Right Exterior Girder	45	0.95	1	1	3.508336
HL93_serv_opr	BOBJ1	56.25	Before	Left Exterior Girder	56.25	0.95	1	1	2.859455
HL93_serv_opr	BOBJ1	56.25	Before	Interior Girder 1	56.25	0.95	1	1	2.603922
HL93_serv_opr	BOBJ1	56.25	Before	Interior Girder 2	56.25	0.95	1	1	2.603922
HL93_serv_opr	BOBJ1	56.25	Before	Right Exterior Girder	56.25	0.95	1	1	2.859455
HL93_serv_opr	BOBJ1	56.25	After	Left Exterior Girder	56.25	0.95	1	1	2.861859
HL93_serv_opr	BOBJ1	56.25	After	Interior Girder 1	56.25	0.95	1	1	2.601179
HL93_serv_opr	BOBJ1	56.25	After	Interior Girder 2	56.25	0.95	1	1	2.601178
HL93_serv_opr	BOBJ1	56.25	After	Right Exterior Girder	56.25	0.95	1	1	2.861859
HL93_serv_opr	BOBJ1	67.5	Before	Left Exterior Girder	67.5	0.95	1	1	2.508569
HL93_serv_opr	BOBJ1	67.5	Before	Interior Girder 1	67.5	0.95	1	1	2.333599
HL93_serv_opr	BOBJ1	67.5	Before	Interior Girder 2	67.5	0.95	1	1	2.333599
HL93_serv_opr	BOBJ1	67.5	Before	Right Exterior Girder	67.5	0.95	1	1	2.508569
HL93_serv_opr	BOBJ1	67.5	After	Left Exterior Girder	67.5	0.95	1	1	2.535572
HL93_serv_opr	BOBJ1	67.5	After	Interior Girder 1	67.5	0.95	1	1	2.344254
HL93_serv_opr	BOBJ1	67.5	After	Interior Girder 2	67.5	0.95	1	1	2.344254
HL93_serv_opr	BOBJ1	67.5	After	Right Exterior Girder	67.5	0.95	1	1	2.535573
HL93_serv_opr	BOBJ1	78.75	Before	Left Exterior Girder	78.75	0.95	1	1	2.415485
HL93_serv_opr	BOBJ1	78.75	Before	Interior Girder 1	78.75	0.95	1	1	2.228504
HL93_serv_opr	BOBJ1	78.75	Before	Interior Girder 2	78.75	0.95	1	1	2.228504
HL93_serv_opr	BOBJ1	78.75	Before	Right Exterior Girder	78.75	0.95	1	1	2.415485
HL93_serv_opr	BOBJ1	78.75	After	Left Exterior Girder	78.75	0.95	1	1	2.415302
HL93_serv_opr	BOBJ1	78.75	After	Interior Girder 1	78.75	0.95	1	1	2.227686
HL93_serv_opr	BOBJ1	78.75	After	Interior Girder 2	78.75	0.95	1	1	2.227686
HL93_serv_opr	BOBJ1	78.75	After	Right Exterior Girder	78.75	0.95	1	1	2.415302
HL93_serv_opr	BOBJ1	90	Before	Left Exterior Girder	90	0.95	1	1	2.43814
HL93_serv_opr	BOBJ1	90	Before	Interior Girder 1	90	0.95	1	1	2.270911

TABLE: Bridge Super Rating AASHTORATE18 26 - SteelINonCompServ-Flx - Main Span Girders									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
HL93_serv_opr	BOBJ1	90	Before	Interior Girder 2	90	0.95	1	1	2.270911
HL93_serv_opr	BOBJ1	90	Before	Right Exterior Girder	90	0.95	1	1	2.43814
HL93_serv_opr	BOBJ1	90	After	Left Exterior Girder	90	0.95	1	1	2.441514
HL93_serv_opr	BOBJ1	90	After	Interior Girder 1	90	0.95	1	1	2.27212
HL93_serv_opr	BOBJ1	90	After	Interior Girder 2	90	0.95	1	1	2.27212
HL93_serv_opr	BOBJ1	90	After	Right Exterior Girder	90	0.95	1	1	2.441514
HL93_serv_opr	BOBJ1	101.25	Before	Left Exterior Girder	101.25	0.95	1	1	2.640379
HL93_serv_opr	BOBJ1	101.25	Before	Interior Girder 1	101.25	0.95	1	1	2.422959
HL93_serv_opr	BOBJ1	101.25	Before	Interior Girder 2	101.25	0.95	1	1	2.422959
HL93_serv_opr	BOBJ1	101.25	Before	Right Exterior Girder	101.25	0.95	1	1	2.640379
HL93_serv_opr	BOBJ1	101.25	After	Left Exterior Girder	101.25	0.95	1	1	2.637875
HL93_serv_opr	BOBJ1	101.25	After	Interior Girder 1	101.25	0.95	1	1	2.42132
HL93_serv_opr	BOBJ1	101.25	After	Interior Girder 2	101.25	0.95	1	1	2.42132
HL93_serv_opr	BOBJ1	101.25	After	Right Exterior Girder	101.25	0.95	1	1	2.637875
HL93_serv_opr	BOBJ1	112.5	Before	Left Exterior Girder	112.5	0.95	1	1	2.978938
HL93_serv_opr	BOBJ1	112.5	Before	Interior Girder 1	112.5	0.95	1	1	2.7325
HL93_serv_opr	BOBJ1	112.5	Before	Interior Girder 2	112.5	0.95	1	1	2.7325
HL93_serv_opr	BOBJ1	112.5	Before	Right Exterior Girder	112.5	0.95	1	1	2.978938
HL93_serv_opr	BOBJ1	112.5	After	Left Exterior Girder	112.5	0.95	1	1	2.962535
HL93_serv_opr	BOBJ1	112.5	After	Interior Girder 1	112.5	0.95	1	1	2.729381
HL93_serv_opr	BOBJ1	112.5	After	Interior Girder 2	112.5	0.95	1	1	2.729381
HL93_serv_opr	BOBJ1	112.5	After	Right Exterior Girder	112.5	0.95	1	1	2.962535
HL93_serv_opr	BOBJ1	123.75	Before	Left Exterior Girder	123.75	0.95	1	1	3.551568
HL93_serv_opr	BOBJ1	123.75	Before	Interior Girder 1	123.75	0.95	1	1	3.190246
HL93_serv_opr	BOBJ1	123.75	Before	Interior Girder 2	123.75	0.95	1	1	3.190246
HL93_serv_opr	BOBJ1	123.75	Before	Right Exterior Girder	123.75	0.95	1	1	3.551568
HL93_serv_opr	BOBJ1	123.75	After	Left Exterior Girder	123.75	0.95	1	1	3.552505
HL93_serv_opr	BOBJ1	123.75	After	Interior Girder 1	123.75	0.95	1	1	3.189012
HL93_serv_opr	BOBJ1	123.75	After	Interior Girder 2	123.75	0.95	1	1	3.189013
HL93_serv_opr	BOBJ1	123.75	After	Right Exterior Girder	123.75	0.95	1	1	3.552505
HL93_serv_opr	BOBJ1	126.4381	Before	Left Exterior Girder	126.4381	0.95	1	1	3.732949
HL93_serv_opr	BOBJ1	126.4381	Before	Interior Girder 1	126.4381	0.95	1	1	3.335181
HL93_serv_opr	BOBJ1	126.4381	Before	Interior Girder 2	126.4381	0.95	1	1	3.335181
HL93_serv_opr	BOBJ1	126.4381	Before	Right Exterior Girder	126.4381	0.95	1	1	3.732948
HL93_serv_opr	BOBJ1	126.4381	After	Left Exterior Girder	126.4381	0.95	1	1	1.971502
HL93_serv_opr	BOBJ1	126.4381	After	Interior Girder 1	126.4381	0.95	1	1	1.766191
HL93_serv_opr	BOBJ1	126.4381	After	Interior Girder 2	126.4381	0.95	1	1	1.766192
HL93_serv_opr	BOBJ1	126.4381	After	Right Exterior Girder	126.4381	0.95	1	1	1.971502
HL93_serv_opr	BOBJ1	135	Before	Left Exterior Girder	135	0.95	1	1	2.519919
HL93_serv_opr	BOBJ1	135	Before	Interior Girder 1	135	0.95	1	1	2.232433
HL93_serv_opr	BOBJ1	135	Before	Interior Girder 2	135	0.95	1	1	2.232433
HL93_serv_opr	BOBJ1	135	Before	Right Exterior Girder	135	0.95	1	1	2.519919
HL93_serv_opr	BOBJ1	135	After	Left Exterior Girder	135	0.95	1	1	2.476131
HL93_serv_opr	BOBJ1	135	After	Interior Girder 1	135	0.95	1	1	2.219719
HL93_serv_opr	BOBJ1	135	After	Interior Girder 2	135	0.95	1	1	2.219719
HL93_serv_opr	BOBJ1	135	After	Right Exterior Girder	135	0.95	1	1	2.476131
HL93_serv_opr	BOBJ1	146.25	Before	Left Exterior Girder	146.25	0.95	1	1	3.556487
HL93_serv_opr	BOBJ1	146.25	Before	Interior Girder 1	146.25	0.95	1	1	3.046396
HL93_serv_opr	BOBJ1	146.25	Before	Interior Girder 2	146.25	0.95	1	1	3.046396
HL93_serv_opr	BOBJ1	146.25	Before	Right Exterior Girder	146.25	0.95	1	1	3.556487
HL93_serv_opr	BOBJ1	146.25	After	Left Exterior Girder	146.25	0.95	1	1	3.551881
HL93_serv_opr	BOBJ1	146.25	After	Interior Girder 1	146.25	0.95	1	1	3.048562
HL93_serv_opr	BOBJ1	146.25	After	Interior Girder 2	146.25	0.95	1	1	3.048562
HL93_serv_opr	BOBJ1	146.25	After	Right Exterior Girder	146.25	0.95	1	1	3.551881
HL93_serv_opr	BOBJ1	157.5	Before	Left Exterior Girder	157.5	0.95	1	1	3.00686
HL93_serv_opr	BOBJ1	157.5	Before	Interior Girder 1	157.5	0.95	1	1	2.963381
HL93_serv_opr	BOBJ1	157.5	Before	Interior Girder 2	157.5	0.95	1	1	2.963381
HL93_serv_opr	BOBJ1	157.5	Before	Right Exterior Girder	157.5	0.95	1	1	3.00686
HL93_serv_opr	BOBJ1	157.5	After	Left Exterior Girder	157.5	0.95	1	1	3.037261
HL93_serv_opr	BOBJ1	157.5	After	Interior Girder 1	157.5	0.95	1	1	2.975395
HL93_serv_opr	BOBJ1	157.5	After	Interior Girder 2	157.5	0.95	1	1	2.975395
HL93_serv_opr	BOBJ1	157.5	After	Right Exterior Girder	157.5	0.95	1	1	3.037261
HL93_serv_opr	BOBJ1	168.2522	Before	Left Exterior Girder	168.2522	0.95	1	1	1.881103
HL93_serv_opr	BOBJ1	168.2522	Before	Interior Girder 1	168.2522	0.95	1	1	1.826111
HL93_serv_opr	BOBJ1	168.2522	Before	Interior Girder 2	168.2522	0.95	1	1	1.826111
HL93_serv_opr	BOBJ1	168.2522	Before	Right Exterior Girder	168.2522	0.95	1	1	1.881104
HL93_serv_opr	BOBJ1	168.2522	After	Left Exterior Girder	168.2522	0.95	1	1	4.730827
HL93_serv_opr	BOBJ1	168.2522	After	Interior Girder 1	168.2522	0.95	1	1	4.557363
HL93_serv_opr	BOBJ1	168.2522	After	Interior Girder 2	168.2522	0.95	1	1	4.557363
HL93_serv_opr	BOBJ1	168.2522	After	Right Exterior Girder	168.2522	0.95	1	1	4.730827

TABLE: Bridge Super Rating AASHTORATE18 26 - SteelINonCompServ-Flx - Main Span Girders									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
HL93_serv_opr	BOBJ1	168.75	Before	Left Exterior Girder	168.75	0.95	1	1	4.66464
HL93_serv_opr	BOBJ1	168.75	Before	Interior Girder 1	168.75	0.95	1	1	4.497827
HL93_serv_opr	BOBJ1	168.75	Before	Interior Girder 2	168.75	0.95	1	1	4.497827
HL93_serv_opr	BOBJ1	168.75	Before	Right Exterior Girder	168.75	0.95	1	1	4.664641
HL93_serv_opr	BOBJ1	168.75	After	Left Exterior Girder	168.75	0.95	1	1	4.672209
HL93_serv_opr	BOBJ1	168.75	After	Interior Girder 1	168.75	0.95	1	1	4.490915
HL93_serv_opr	BOBJ1	168.75	After	Interior Girder 2	168.75	0.95	1	1	4.490915
HL93_serv_opr	BOBJ1	168.75	After	Right Exterior Girder	168.75	0.95	1	1	4.67221
HL93_serv_opr	BOBJ1	180	Before	Left Exterior Girder	180	0.95	1	1	3.239836
HL93_serv_opr	BOBJ1	180	Before	Interior Girder 1	180	0.95	1	1	3.078633
HL93_serv_opr	BOBJ1	180	Before	Interior Girder 2	180	0.95	1	1	3.078633
HL93_serv_opr	BOBJ1	180	Before	Right Exterior Girder	180	0.95	1	1	3.239836
HL93_serv_opr	BOBJ1	180	After	Left Exterior Girder	180	0.95	1	1	3.255486
HL93_serv_opr	BOBJ1	180	After	Interior Girder 1	180	0.95	1	1	3.055546
HL93_serv_opr	BOBJ1	180	After	Interior Girder 2	180	0.95	1	1	3.055546
HL93_serv_opr	BOBJ1	180	After	Right Exterior Girder	180	0.95	1	1	3.255486
HL93_serv_opr	BOBJ1	183.1858	Before	Left Exterior Girder	183.1858	0.95	1	1	2.854706
HL93_serv_opr	BOBJ1	183.1858	Before	Interior Girder 1	183.1858	0.95	1	1	2.667026
HL93_serv_opr	BOBJ1	183.1858	Before	Interior Girder 2	183.1858	0.95	1	1	2.667026
HL93_serv_opr	BOBJ1	183.1858	Before	Right Exterior Girder	183.1858	0.95	1	1	2.854706
HL93_serv_opr	BOBJ1	183.1858	After	Left Exterior Girder	183.1858	0.95	1	1	5.978028
HL93_serv_opr	BOBJ1	183.1858	After	Interior Girder 1	183.1858	0.95	1	1	5.567784
HL93_serv_opr	BOBJ1	183.1858	After	Interior Girder 2	183.1858	0.95	1	1	5.567784
HL93_serv_opr	BOBJ1	183.1858	After	Right Exterior Girder	183.1858	0.95	1	1	5.978029
HL93_serv_opr	BOBJ1	191.25	Before	Left Exterior Girder	191.25	0.95	1	1	4.761655
HL93_serv_opr	BOBJ1	191.25	Before	Interior Girder 1	191.25	0.95	1	1	4.36188
HL93_serv_opr	BOBJ1	191.25	Before	Interior Girder 2	191.25	0.95	1	1	4.36188
HL93_serv_opr	BOBJ1	191.25	Before	Right Exterior Girder	191.25	0.95	1	1	4.761655
HL93_serv_opr	BOBJ1	191.25	After	Left Exterior Girder	191.25	0.95	1	1	4.777323
HL93_serv_opr	BOBJ1	191.25	After	Interior Girder 1	191.25	0.95	1	1	4.355255
HL93_serv_opr	BOBJ1	191.25	After	Interior Girder 2	191.25	0.95	1	1	4.355255
HL93_serv_opr	BOBJ1	191.25	After	Right Exterior Girder	191.25	0.95	1	1	4.777323
HL93_serv_opr	BOBJ1	199.9414	Before	Left Exterior Girder	199.9414	0.95	1	1	3.532794
HL93_serv_opr	BOBJ1	199.9414	Before	Interior Girder 1	199.9414	0.95	1	1	3.159505
HL93_serv_opr	BOBJ1	199.9414	Before	Interior Girder 2	199.9414	0.95	1	1	3.159505
HL93_serv_opr	BOBJ1	199.9414	Before	Right Exterior Girder	199.9414	0.95	1	1	3.532794
HL93_serv_opr	BOBJ1	199.9414	After	Left Exterior Girder	199.9414	0.95	1	1	5.770122
HL93_serv_opr	BOBJ1	199.9414	After	Interior Girder 1	199.9414	0.95	1	1	5.162572
HL93_serv_opr	BOBJ1	199.9414	After	Interior Girder 2	199.9414	0.95	1	1	5.162572
HL93_serv_opr	BOBJ1	199.9414	After	Right Exterior Girder	199.9414	0.95	1	1	5.770122
HL93_serv_opr	BOBJ1	202.5	Before	Left Exterior Girder	202.5	0.95	1	1	5.304663
HL93_serv_opr	BOBJ1	202.5	Before	Interior Girder 1	202.5	0.95	1	1	4.764837
HL93_serv_opr	BOBJ1	202.5	Before	Interior Girder 2	202.5	0.95	1	1	4.764837
HL93_serv_opr	BOBJ1	202.5	Before	Right Exterior Girder	202.5	0.95	1	1	5.304663
HL93_serv_opr	BOBJ1	202.5	After	Left Exterior Girder	202.5	0.95	1	1	5.371128
HL93_serv_opr	BOBJ1	202.5	After	Interior Girder 1	202.5	0.95	1	1	4.762129
HL93_serv_opr	BOBJ1	202.5	After	Interior Girder 2	202.5	0.95	1	1	4.762129
HL93_serv_opr	BOBJ1	202.5	After	Right Exterior Girder	202.5	0.95	1	1	5.371128
HL93_serv_opr	BOBJ1	210.5642	Before	Left Exterior Girder	210.5642	0.95	1	1	3.94769
HL93_serv_opr	BOBJ1	210.5642	Before	Interior Girder 1	210.5642	0.95	1	1	3.568861
HL93_serv_opr	BOBJ1	210.5642	Before	Interior Girder 2	210.5642	0.95	1	1	3.568861
HL93_serv_opr	BOBJ1	210.5642	Before	Right Exterior Girder	210.5642	0.95	1	1	3.94769
HL93_serv_opr	BOBJ1	210.5642	After	Left Exterior Girder	210.5642	0.95	1	1	5.816588
HL93_serv_opr	BOBJ1	210.5642	After	Interior Girder 1	210.5642	0.95	1	1	5.276028
HL93_serv_opr	BOBJ1	210.5642	After	Interior Girder 2	210.5642	0.95	1	1	5.276028
HL93_serv_opr	BOBJ1	210.5642	After	Right Exterior Girder	210.5642	0.95	1	1	5.816588
HL93_serv_opr	BOBJ1	213.75	Before	Left Exterior Girder	213.75	0.95	1	1	5.229892
HL93_serv_opr	BOBJ1	213.75	Before	Interior Girder 1	213.75	0.95	1	1	4.704221
HL93_serv_opr	BOBJ1	213.75	Before	Interior Girder 2	213.75	0.95	1	1	4.704221
HL93_serv_opr	BOBJ1	213.75	Before	Right Exterior Girder	213.75	0.95	1	1	5.229892
HL93_serv_opr	BOBJ1	213.75	After	Left Exterior Girder	213.75	0.95	1	1	5.229592
HL93_serv_opr	BOBJ1	213.75	After	Interior Girder 1	213.75	0.95	1	1	4.703054
HL93_serv_opr	BOBJ1	213.75	After	Interior Girder 2	213.75	0.95	1	1	4.703054
HL93_serv_opr	BOBJ1	213.75	After	Right Exterior Girder	213.75	0.95	1	1	5.229592
HL93_serv_opr	BOBJ1	225	Before	Left Exterior Girder	225	0.95	1	1	3.420016
HL93_serv_opr	BOBJ1	225	Before	Interior Girder 1	225	0.95	1	1	2.977397
HL93_serv_opr	BOBJ1	225	Before	Interior Girder 2	225	0.95	1	1	2.977397
HL93_serv_opr	BOBJ1	225	Before	Right Exterior Girder	225	0.95	1	1	3.420016
HL93_serv_opr	BOBJ1	225	After	Left Exterior Girder	0	0.95	1	1	3.214946
HL93_serv_opr	BOBJ1	225	After	Interior Girder 1	0	0.95	1	1	2.942627

TABLE: Bridge Super Rating AASHTORATE18 26 - SteelINonCompServ-Flx - Main Span Girders									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
HL93_serv_opr	BOBJ1	225	After	Interior Girder 2	0	0.95	1	1	2.942627
HL93_serv_opr	BOBJ1	225	After	Right Exterior Girder	0	0.95	1	1	3.214946
HL93_serv_opr	BOBJ1	236.45	Before	Left Exterior Girder	11.45	0.95	1	1	5.211579
HL93_serv_opr	BOBJ1	236.45	Before	Interior Girder 1	11.45	0.95	1	1	5.038808
HL93_serv_opr	BOBJ1	236.45	Before	Interior Girder 2	11.45	0.95	1	1	5.038808
HL93_serv_opr	BOBJ1	236.45	Before	Right Exterior Girder	11.45	0.95	1	1	5.211578
HL93_serv_opr	BOBJ1	236.45	After	Left Exterior Girder	11.45	0.95	1	1	5.221326
HL93_serv_opr	BOBJ1	236.45	After	Interior Girder 1	11.45	0.95	1	1	5.037462
HL93_serv_opr	BOBJ1	236.45	After	Interior Girder 2	11.45	0.95	1	1	5.037462
HL93_serv_opr	BOBJ1	236.45	After	Right Exterior Girder	11.45	0.95	1	1	5.221326
HL93_serv_opr	BOBJ1	239.5082	Before	Left Exterior Girder	14.5082	0.95	1	1	5.890801
HL93_serv_opr	BOBJ1	239.5082	Before	Interior Girder 1	14.5082	0.95	1	1	5.723251
HL93_serv_opr	BOBJ1	239.5082	Before	Interior Girder 2	14.5082	0.95	1	1	5.723251
HL93_serv_opr	BOBJ1	239.5082	Before	Right Exterior Girder	14.5082	0.95	1	1	5.890801
HL93_serv_opr	BOBJ1	239.5082	After	Left Exterior Girder	14.5082	0.95	1	1	4.040719
HL93_serv_opr	BOBJ1	239.5082	After	Interior Girder 1	14.5082	0.95	1	1	3.926114
HL93_serv_opr	BOBJ1	239.5082	After	Interior Girder 2	14.5082	0.95	1	1	3.926114
HL93_serv_opr	BOBJ1	239.5082	After	Right Exterior Girder	14.5082	0.95	1	1	4.040719
HL93_serv_opr	BOBJ1	247.9	Before	Left Exterior Girder	22.9	0.95	1	1	5.860171
HL93_serv_opr	BOBJ1	247.9	Before	Interior Girder 1	22.9	0.95	1	1	5.719358
HL93_serv_opr	BOBJ1	247.9	Before	Interior Girder 2	22.9	0.95	1	1	5.719358
HL93_serv_opr	BOBJ1	247.9	Before	Right Exterior Girder	22.9	0.95	1	1	5.86017
HL93_serv_opr	BOBJ1	247.9	After	Left Exterior Girder	22.9	0.95	1	1	5.747679
HL93_serv_opr	BOBJ1	247.9	After	Interior Girder 1	22.9	0.95	1	1	5.711876
HL93_serv_opr	BOBJ1	247.9	After	Interior Girder 2	22.9	0.95	1	1	5.711876
HL93_serv_opr	BOBJ1	247.9	After	Right Exterior Girder	22.9	0.95	1	1	5.747679
HL93_serv_opr	BOBJ1	258.5189	Before	Left Exterior Girder	33.5189	0.95	1	1	8.501042
HL93_serv_opr	BOBJ1	258.5189	Before	Interior Girder 1	33.5189	0.95	1	1	8.221062
HL93_serv_opr	BOBJ1	258.5189	Before	Interior Girder 2	33.5189	0.95	1	1	8.221062
HL93_serv_opr	BOBJ1	258.5189	Before	Right Exterior Girder	33.5189	0.95	1	1	8.501042
HL93_serv_opr	BOBJ1	258.5189	After	Left Exterior Girder	33.5189	0.95	1	1	5.857547
HL93_serv_opr	BOBJ1	258.5189	After	Interior Girder 1	33.5189	0.95	1	1	5.637865
HL93_serv_opr	BOBJ1	258.5189	After	Interior Girder 2	33.5189	0.95	1	1	5.637865
HL93_serv_opr	BOBJ1	258.5189	After	Right Exterior Girder	33.5189	0.95	1	1	5.857547
HL93_serv_opr	BOBJ1	259.3	Before	Left Exterior Girder	34.3	0.95	1	1	6.044156
HL93_serv_opr	BOBJ1	259.3	Before	Interior Girder 1	34.3	0.95	1	1	5.806029
HL93_serv_opr	BOBJ1	259.3	Before	Interior Girder 2	34.3	0.95	1	1	5.806029
HL93_serv_opr	BOBJ1	259.3	Before	Right Exterior Girder	34.3	0.95	1	1	6.044156
HL93_serv_opr	BOBJ1	259.3	After	Left Exterior Girder	34.3	0.95	1	1	6.03926
HL93_serv_opr	BOBJ1	259.3	After	Interior Girder 1	34.3	0.95	1	1	5.808806
HL93_serv_opr	BOBJ1	259.3	After	Interior Girder 2	34.3	0.95	1	1	5.808806
HL93_serv_opr	BOBJ1	259.3	After	Right Exterior Girder	34.3	0.95	1	1	6.03926
HL93_serv_opr	BOBJ1	266.1031	Before	Left Exterior Girder	41.1031	0.95	1	1	7.711903
HL93_serv_opr	BOBJ1	266.1031	Before	Interior Girder 1	41.1031	0.95	1	1	7.400128
HL93_serv_opr	BOBJ1	266.1031	Before	Interior Girder 2	41.1031	0.95	1	1	7.400128
HL93_serv_opr	BOBJ1	266.1031	Before	Right Exterior Girder	41.1031	0.95	1	1	7.711903
HL93_serv_opr	BOBJ1	266.1031	After	Left Exterior Girder	41.1031	0.95	1	1	4.151623
HL93_serv_opr	BOBJ1	266.1031	After	Interior Girder 1	41.1031	0.95	1	1	3.963006
HL93_serv_opr	BOBJ1	266.1031	After	Interior Girder 2	41.1031	0.95	1	1	3.963006
HL93_serv_opr	BOBJ1	266.1031	After	Right Exterior Girder	41.1031	0.95	1	1	4.151623
HL93_serv_opr	BOBJ1	270.7	Before	Left Exterior Girder	45.7	0.95	1	1	5.143693
HL93_serv_opr	BOBJ1	270.7	Before	Interior Girder 1	45.7	0.95	1	1	4.872926
HL93_serv_opr	BOBJ1	270.7	Before	Interior Girder 2	45.7	0.95	1	1	4.872926
HL93_serv_opr	BOBJ1	270.7	Before	Right Exterior Girder	45.7	0.95	1	1	5.143693
HL93_serv_opr	BOBJ1	270.7	After	Left Exterior Girder	45.7	0.95	1	1	5.122679
HL93_serv_opr	BOBJ1	270.7	After	Interior Girder 1	45.7	0.95	1	1	4.917001
HL93_serv_opr	BOBJ1	270.7	After	Interior Girder 2	45.7	0.95	1	1	4.917001
HL93_serv_opr	BOBJ1	270.7	After	Right Exterior Girder	45.7	0.95	1	1	5.122679
HL93_serv_opr	BOBJ1	273.6874	Before	Left Exterior Girder	48.6874	0.95	1	1	5.765943
HL93_serv_opr	BOBJ1	273.6874	Before	Interior Girder 1	48.6874	0.95	1	1	5.542861
HL93_serv_opr	BOBJ1	273.6874	Before	Interior Girder 2	48.6874	0.95	1	1	5.542861
HL93_serv_opr	BOBJ1	273.6874	Before	Right Exterior Girder	48.6874	0.95	1	1	5.765943
HL93_serv_opr	BOBJ1	273.6874	After	Left Exterior Girder	48.6874	0.95	1	1	2.461166
HL93_serv_opr	BOBJ1	273.6874	After	Interior Girder 1	48.6874	0.95	1	1	2.39988
HL93_serv_opr	BOBJ1	273.6874	After	Interior Girder 2	48.6874	0.95	1	1	2.39988
HL93_serv_opr	BOBJ1	273.6874	After	Right Exterior Girder	48.6874	0.95	1	1	2.461166
HL93_serv_opr	BOBJ1	282.15	Before	Left Exterior Girder	57.15	0.95	1	1	3.985114
HL93_serv_opr	BOBJ1	282.15	Before	Interior Girder 1	57.15	0.95	1	1	3.905383
HL93_serv_opr	BOBJ1	282.15	Before	Interior Girder 2	57.15	0.95	1	1	3.905383
HL93_serv_opr	BOBJ1	282.15	Before	Right Exterior Girder	57.15	0.95	1	1	3.985114

TABLE: Bridge Super Rating AASHTORATE18 26 - SteelINonCompServ-Flx - Main Span Girders									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
HL93_serv_opr	BOBJ1	282.15	After	Left Exterior Girder	57.15	0.95	1	1	3.977702
HL93_serv_opr	BOBJ1	282.15	After	Interior Girder 1	57.15	0.95	1	1	3.913607
HL93_serv_opr	BOBJ1	282.15	After	Interior Girder 2	57.15	0.95	1	1	3.913607
HL93_serv_opr	BOBJ1	282.15	After	Right Exterior Girder	57.15	0.95	1	1	3.977702
HL93_serv_opr	BOBJ1	293.6	Before	Left Exterior Girder	68.6	0.95	1	1	3.710725
HL93_serv_opr	BOBJ1	293.6	Before	Interior Girder 1	68.6	0.95	1	1	3.05861
HL93_serv_opr	BOBJ1	293.6	Before	Interior Girder 2	68.6	0.95	1	1	3.05861
HL93_serv_opr	BOBJ1	293.6	Before	Right Exterior Girder	68.6	0.95	1	1	3.710725
HL93_serv_opr	BOBJ1	293.6	After	Left Exterior Girder	68.6	0.95	1	1	3.712817
HL93_serv_opr	BOBJ1	293.6	After	Interior Girder 1	68.6	0.95	1	1	3.139893
HL93_serv_opr	BOBJ1	293.6	After	Interior Girder 2	68.6	0.95	1	1	3.139893
HL93_serv_opr	BOBJ1	293.6	After	Right Exterior Girder	68.6	0.95	1	1	3.712817
HL93_serv_opr	BOBJ1	305	Before	Left Exterior Girder	80	0.95	1	1	2.008256
HL93_serv_opr	BOBJ1	305	Before	Interior Girder 1	80	0.95	1	1	1.672451
HL93_serv_opr	BOBJ1	305	Before	Interior Girder 2	80	0.95	1	1	1.672451
HL93_serv_opr	BOBJ1	305	Before	Right Exterior Girder	80	0.95	1	1	2.008256
HL93_serv_opr	BOBJ1	305	After	Left Exterior Girder	80	0.95	1	1	2.009389
HL93_serv_opr	BOBJ1	305	After	Interior Girder 1	80	0.95	1	1	1.67168
HL93_serv_opr	BOBJ1	305	After	Interior Girder 2	80	0.95	1	1	1.67168
HL93_serv_opr	BOBJ1	305	After	Right Exterior Girder	80	0.95	1	1	2.009389
HL93_serv_opr	BOBJ1	306.9561	Before	Left Exterior Girder	81.9561	0.95	1	1	1.769939
HL93_serv_opr	BOBJ1	306.9561	Before	Interior Girder 1	81.9561	0.95	1	1	1.489459
HL93_serv_opr	BOBJ1	306.9561	Before	Interior Girder 2	81.9561	0.95	1	1	1.489459
HL93_serv_opr	BOBJ1	306.9561	Before	Right Exterior Girder	81.9561	0.95	1	1	1.769939
HL93_serv_opr	BOBJ1	306.9561	After	Left Exterior Girder	81.9561	0.95	1	1	4.634617
HL93_serv_opr	BOBJ1	306.9561	After	Interior Girder 1	81.9561	0.95	1	1	3.938857
HL93_serv_opr	BOBJ1	306.9561	After	Interior Girder 2	81.9561	0.95	1	1	3.938857
HL93_serv_opr	BOBJ1	306.9561	After	Right Exterior Girder	81.9561	0.95	1	1	4.634617
HL93_serv_opr	BOBJ1	316.4	Before	Left Exterior Girder	91.4	0.95	1	1	3.309271
HL93_serv_opr	BOBJ1	316.4	Before	Interior Girder 1	91.4	0.95	1	1	2.931939
HL93_serv_opr	BOBJ1	316.4	Before	Interior Girder 2	91.4	0.95	1	1	2.931939
HL93_serv_opr	BOBJ1	316.4	Before	Right Exterior Girder	91.4	0.95	1	1	3.309271
HL93_serv_opr	BOBJ1	316.4	After	Left Exterior Girder	91.4	0.95	1	1	3.367926
HL93_serv_opr	BOBJ1	316.4	After	Interior Girder 1	91.4	0.95	1	1	2.935463
HL93_serv_opr	BOBJ1	316.4	After	Interior Girder 2	91.4	0.95	1	1	2.935463
HL93_serv_opr	BOBJ1	316.4	After	Right Exterior Girder	91.4	0.95	1	1	3.367925
HL93_serv_opr	BOBJ1	327.85	Before	Left Exterior Girder	102.9679	0.95	1	1	2.3526
HL93_serv_opr	BOBJ1	327.85	Before	Interior Girder 1	102.9679	0.95	1	1	2.081962
HL93_serv_opr	BOBJ1	327.85	Before	Interior Girder 2	102.9679	0.95	1	1	2.081962
HL93_serv_opr	BOBJ1	327.85	Before	Right Exterior Girder	102.9679	0.95	1	1	2.3526
HL93_serv_opr	BOBJ1	327.85	After	Left Exterior Girder	102.9679	0.95	1	1	4.53839
HL93_serv_opr	BOBJ1	327.85	After	Interior Girder 1	102.9679	0.95	1	1	4.081077
HL93_serv_opr	BOBJ1	327.85	After	Interior Girder 2	102.9679	0.95	1	1	4.081077
HL93_serv_opr	BOBJ1	327.85	After	Right Exterior Girder	102.9679	0.95	1	1	4.53839
HL93_serv_opr	BOBJ1	339.3	Before	Left Exterior Girder	114.3	0.95	1	1	3.638581
HL93_serv_opr	BOBJ1	339.3	Before	Interior Girder 1	114.3	0.95	1	1	3.360735
HL93_serv_opr	BOBJ1	339.3	Before	Interior Girder 2	114.3	0.95	1	1	3.360735
HL93_serv_opr	BOBJ1	339.3	Before	Right Exterior Girder	114.3	0.95	1	1	3.638581
HL93_serv_opr	BOBJ1	339.3	After	Left Exterior Girder	114.3	0.95	1	1	3.672007
HL93_serv_opr	BOBJ1	339.3	After	Interior Girder 1	114.3	0.95	1	1	3.368001
HL93_serv_opr	BOBJ1	339.3	After	Interior Girder 2	114.3	0.95	1	1	3.368001
HL93_serv_opr	BOBJ1	339.3	After	Right Exterior Girder	114.3	0.95	1	1	3.672007
HL93_serv_opr	BOBJ1	350.7	Before	Left Exterior Girder	125.7	0.95	1	1	3.117929
HL93_serv_opr	BOBJ1	350.7	Before	Interior Girder 1	125.7	0.95	1	1	2.866453
HL93_serv_opr	BOBJ1	350.7	Before	Interior Girder 2	125.7	0.95	1	1	2.866453
HL93_serv_opr	BOBJ1	350.7	Before	Right Exterior Girder	125.7	0.95	1	1	3.117929
HL93_serv_opr	BOBJ1	350.7	After	Left Exterior Girder	125.7	0.95	1	1	3.117385
HL93_serv_opr	BOBJ1	350.7	After	Interior Girder 1	125.7	0.95	1	1	2.866834
HL93_serv_opr	BOBJ1	350.7	After	Interior Girder 2	125.7	0.95	1	1	2.866834
HL93_serv_opr	BOBJ1	350.7	After	Right Exterior Girder	125.7	0.95	1	1	3.117385
HL93_serv_opr	BOBJ1	362.1	Before	Left Exterior Girder	137.1	0.95	1	1	2.746025
HL93_serv_opr	BOBJ1	362.1	Before	Interior Girder 1	137.1	0.95	1	1	2.564594
HL93_serv_opr	BOBJ1	362.1	Before	Interior Girder 2	137.1	0.95	1	1	2.564594
HL93_serv_opr	BOBJ1	362.1	Before	Right Exterior Girder	137.1	0.95	1	1	2.746026
HL93_serv_opr	BOBJ1	362.1	After	Left Exterior Girder	137.1	0.95	1	1	2.761402
HL93_serv_opr	BOBJ1	362.1	After	Interior Girder 1	137.1	0.95	1	1	2.570146
HL93_serv_opr	BOBJ1	362.1	After	Interior Girder 2	137.1	0.95	1	1	2.570146
HL93_serv_opr	BOBJ1	362.1	After	Right Exterior Girder	137.1	0.95	1	1	2.761402
HL93_serv_opr	BOBJ1	373.55	Before	Left Exterior Girder	148.55	0.95	1	1	2.573452
HL93_serv_opr	BOBJ1	373.55	Before	Interior Girder 1	148.55	0.95	1	1	2.384729

TABLE: Bridge Super Rating AASHTORATE18 26 - SteelINonCompServ-Flx - Main Span Girders									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
HL93_serv_opr	BOBJ1	373.55	Before	Interior Girder 2	148.55	0.95	1	1	2.384728
HL93_serv_opr	BOBJ1	373.55	Before	Right Exterior Girder	148.55	0.95	1	1	2.573452
HL93_serv_opr	BOBJ1	373.55	After	Left Exterior Girder	148.55	0.95	1	1	2.573269
HL93_serv_opr	BOBJ1	373.55	After	Interior Girder 1	148.55	0.95	1	1	2.385385
HL93_serv_opr	BOBJ1	373.55	After	Interior Girder 2	148.55	0.95	1	1	2.385385
HL93_serv_opr	BOBJ1	373.55	After	Right Exterior Girder	148.55	0.95	1	1	2.573269
HL93_serv_opr	BOBJ1	385	Before	Left Exterior Girder	160	0.95	1	1	2.499117
HL93_serv_opr	BOBJ1	385	Before	Interior Girder 1	160	0.95	1	1	2.338356
HL93_serv_opr	BOBJ1	385	Before	Interior Girder 2	160	0.95	1	1	2.338356
HL93_serv_opr	BOBJ1	385	Before	Right Exterior Girder	160	0.95	1	1	2.499117
HL93_serv_opr	BOBJ1	385	After	Left Exterior Girder	160	0.95	1	1	2.499117
HL93_serv_opr	BOBJ1	385	After	Interior Girder 1	160	0.95	1	1	2.338355
HL93_serv_opr	BOBJ1	385	After	Interior Girder 2	160	0.95	1	1	2.338355
HL93_serv_opr	BOBJ1	385	After	Right Exterior Girder	160	0.95	1	1	2.499117
HL93_serv_opr	BOBJ1	396.45	Before	Left Exterior Girder	171.45	0.95	1	1	2.573269
HL93_serv_opr	BOBJ1	396.45	Before	Interior Girder 1	171.45	0.95	1	1	2.385382
HL93_serv_opr	BOBJ1	396.45	Before	Interior Girder 2	171.45	0.95	1	1	2.385382
HL93_serv_opr	BOBJ1	396.45	Before	Right Exterior Girder	171.45	0.95	1	1	2.573269
HL93_serv_opr	BOBJ1	396.45	After	Left Exterior Girder	171.45	0.95	1	1	2.573452
HL93_serv_opr	BOBJ1	396.45	After	Interior Girder 1	171.45	0.95	1	1	2.384726
HL93_serv_opr	BOBJ1	396.45	After	Interior Girder 2	171.45	0.95	1	1	2.384726
HL93_serv_opr	BOBJ1	396.45	After	Right Exterior Girder	171.45	0.95	1	1	2.573452
HL93_serv_opr	BOBJ1	407.9	Before	Left Exterior Girder	182.9	0.95	1	1	2.761406
HL93_serv_opr	BOBJ1	407.9	Before	Interior Girder 1	182.9	0.95	1	1	2.570145
HL93_serv_opr	BOBJ1	407.9	Before	Interior Girder 2	182.9	0.95	1	1	2.570145
HL93_serv_opr	BOBJ1	407.9	Before	Right Exterior Girder	182.9	0.95	1	1	2.761406
HL93_serv_opr	BOBJ1	407.9	After	Left Exterior Girder	182.9	0.95	1	1	2.746029
HL93_serv_opr	BOBJ1	407.9	After	Interior Girder 1	182.9	0.95	1	1	2.564591
HL93_serv_opr	BOBJ1	407.9	After	Interior Girder 2	182.9	0.95	1	1	2.564591
HL93_serv_opr	BOBJ1	407.9	After	Right Exterior Girder	182.9	0.95	1	1	2.746029
HL93_serv_opr	BOBJ1	419.3	Before	Left Exterior Girder	194.3	0.95	1	1	3.11739
HL93_serv_opr	BOBJ1	419.3	Before	Interior Girder 1	194.3	0.95	1	1	2.866832
HL93_serv_opr	BOBJ1	419.3	Before	Interior Girder 2	194.3	0.95	1	1	2.866832
HL93_serv_opr	BOBJ1	419.3	Before	Right Exterior Girder	194.3	0.95	1	1	3.11739
HL93_serv_opr	BOBJ1	419.3	After	Left Exterior Girder	194.3	0.95	1	1	3.117934
HL93_serv_opr	BOBJ1	419.3	After	Interior Girder 1	194.3	0.95	1	1	2.866444
HL93_serv_opr	BOBJ1	419.3	After	Interior Girder 2	194.3	0.95	1	1	2.866444
HL93_serv_opr	BOBJ1	419.3	After	Right Exterior Girder	194.3	0.95	1	1	3.117934
HL93_serv_opr	BOBJ1	430.7	Before	Left Exterior Girder	205.7	0.95	1	1	3.672014
HL93_serv_opr	BOBJ1	430.7	Before	Interior Girder 1	205.7	0.95	1	1	3.367996
HL93_serv_opr	BOBJ1	430.7	Before	Interior Girder 2	205.7	0.95	1	1	3.367996
HL93_serv_opr	BOBJ1	430.7	Before	Right Exterior Girder	205.7	0.95	1	1	3.672014
HL93_serv_opr	BOBJ1	430.7	After	Left Exterior Girder	205.7	0.95	1	1	3.638589
HL93_serv_opr	BOBJ1	430.7	After	Interior Girder 1	205.7	0.95	1	1	3.36073
HL93_serv_opr	BOBJ1	430.7	After	Interior Girder 2	205.7	0.95	1	1	3.36073
HL93_serv_opr	BOBJ1	430.7	After	Right Exterior Girder	205.7	0.95	1	1	3.638589
HL93_serv_opr	BOBJ1	442.15	Before	Left Exterior Girder	217.0321	0.95	1	1	4.529721
HL93_serv_opr	BOBJ1	442.15	Before	Interior Girder 1	217.0321	0.95	1	1	4.079875
HL93_serv_opr	BOBJ1	442.15	Before	Interior Girder 2	217.0321	0.95	1	1	4.079875
HL93_serv_opr	BOBJ1	442.15	Before	Right Exterior Girder	217.0321	0.95	1	1	4.529721
HL93_serv_opr	BOBJ1	442.15	After	Left Exterior Girder	217.0321	0.95	1	1	2.348675
HL93_serv_opr	BOBJ1	442.15	After	Interior Girder 1	217.0321	0.95	1	1	2.080734
HL93_serv_opr	BOBJ1	442.15	After	Interior Girder 2	217.0321	0.95	1	1	2.080734
HL93_serv_opr	BOBJ1	442.15	After	Right Exterior Girder	217.0321	0.95	1	1	2.348675
HL93_serv_opr	BOBJ1	453.6	Before	Left Exterior Girder	228.6	0.95	1	1	3.367929
HL93_serv_opr	BOBJ1	453.6	Before	Interior Girder 1	228.6	0.95	1	1	2.935483
HL93_serv_opr	BOBJ1	453.6	Before	Interior Girder 2	228.6	0.95	1	1	2.935483
HL93_serv_opr	BOBJ1	453.6	Before	Right Exterior Girder	228.6	0.95	1	1	3.367929
HL93_serv_opr	BOBJ1	453.6	After	Left Exterior Girder	228.6	0.95	1	1	3.309279
HL93_serv_opr	BOBJ1	453.6	After	Interior Girder 1	228.6	0.95	1	1	2.93193
HL93_serv_opr	BOBJ1	453.6	After	Interior Girder 2	228.6	0.95	1	1	2.93193
HL93_serv_opr	BOBJ1	453.6	After	Right Exterior Girder	228.6	0.95	1	1	3.309279
HL93_serv_opr	BOBJ1	463.0439	Before	Left Exterior Girder	238.0439	0.95	1	1	4.620951
HL93_serv_opr	BOBJ1	463.0439	Before	Interior Girder 1	238.0439	0.95	1	1	3.93758
HL93_serv_opr	BOBJ1	463.0439	Before	Interior Girder 2	238.0439	0.95	1	1	3.93758
HL93_serv_opr	BOBJ1	463.0439	Before	Right Exterior Girder	238.0439	0.95	1	1	4.620951
HL93_serv_opr	BOBJ1	463.0439	After	Left Exterior Girder	238.0439	0.95	1	1	1.76526
HL93_serv_opr	BOBJ1	463.0439	After	Interior Girder 1	238.0439	0.95	1	1	1.488367
HL93_serv_opr	BOBJ1	463.0439	After	Interior Girder 2	238.0439	0.95	1	1	1.488367
HL93_serv_opr	BOBJ1	463.0439	After	Right Exterior Girder	238.0439	0.95	1	1	1.76526

TABLE: Bridge Super Rating AASHTORATE18 26 - SteelINonCompServ-Flx - Main Span Girders									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
HL93_serv_opr	BOBJ1	465	Before	Left Exterior Girder	240	0.95	1	1	2.009445
HL93_serv_opr	BOBJ1	465	Before	Interior Girder 1	240	0.95	1	1	1.671681
HL93_serv_opr	BOBJ1	465	Before	Interior Girder 2	240	0.95	1	1	1.671682
HL93_serv_opr	BOBJ1	465	Before	Right Exterior Girder	240	0.95	1	1	2.009445
HL93_serv_opr	BOBJ1	465	After	Left Exterior Girder	240	0.95	1	1	2.008314
HL93_serv_opr	BOBJ1	465	After	Interior Girder 1	240	0.95	1	1	1.672451
HL93_serv_opr	BOBJ1	465	After	Interior Girder 2	240	0.95	1	1	1.672451
HL93_serv_opr	BOBJ1	465	After	Right Exterior Girder	240	0.95	1	1	2.008314
HL93_serv_opr	BOBJ1	476.4	Before	Left Exterior Girder	251.4	0.95	1	1	3.712819
HL93_serv_opr	BOBJ1	476.4	Before	Interior Girder 1	251.4	0.95	1	1	3.139881
HL93_serv_opr	BOBJ1	476.4	Before	Interior Girder 2	251.4	0.95	1	1	3.139881
HL93_serv_opr	BOBJ1	476.4	Before	Right Exterior Girder	251.4	0.95	1	1	3.712819
HL93_serv_opr	BOBJ1	476.4	After	Left Exterior Girder	251.4	0.95	1	1	3.710745
HL93_serv_opr	BOBJ1	476.4	After	Interior Girder 1	251.4	0.95	1	1	3.058625
HL93_serv_opr	BOBJ1	476.4	After	Interior Girder 2	251.4	0.95	1	1	3.058625
HL93_serv_opr	BOBJ1	476.4	After	Right Exterior Girder	251.4	0.95	1	1	3.710744
HL93_serv_opr	BOBJ1	487.85	Before	Left Exterior Girder	262.85	0.95	1	1	3.977681
HL93_serv_opr	BOBJ1	487.85	Before	Interior Girder 1	262.85	0.95	1	1	3.913611
HL93_serv_opr	BOBJ1	487.85	Before	Interior Girder 2	262.85	0.95	1	1	3.913611
HL93_serv_opr	BOBJ1	487.85	Before	Right Exterior Girder	262.85	0.95	1	1	3.977681
HL93_serv_opr	BOBJ1	487.85	After	Left Exterior Girder	262.85	0.95	1	1	3.985099
HL93_serv_opr	BOBJ1	487.85	After	Interior Girder 1	262.85	0.95	1	1	3.90539
HL93_serv_opr	BOBJ1	487.85	After	Interior Girder 2	262.85	0.95	1	1	3.90539
HL93_serv_opr	BOBJ1	487.85	After	Right Exterior Girder	262.85	0.95	1	1	3.985099
HL93_serv_opr	BOBJ1	496.3126	Before	Left Exterior Girder	271.3126	0.95	1	1	2.456943
HL93_serv_opr	BOBJ1	496.3126	Before	Interior Girder 1	271.3126	0.95	1	1	2.400643
HL93_serv_opr	BOBJ1	496.3126	Before	Interior Girder 2	271.3126	0.95	1	1	2.400643
HL93_serv_opr	BOBJ1	496.3126	Before	Right Exterior Girder	271.3126	0.95	1	1	2.456943
HL93_serv_opr	BOBJ1	496.3126	After	Left Exterior Girder	271.3126	0.95	1	1	5.756389
HL93_serv_opr	BOBJ1	496.3126	After	Interior Girder 1	271.3126	0.95	1	1	5.544278
HL93_serv_opr	BOBJ1	496.3126	After	Interior Girder 2	271.3126	0.95	1	1	5.544278
HL93_serv_opr	BOBJ1	496.3126	After	Right Exterior Girder	271.3126	0.95	1	1	5.756389
HL93_serv_opr	BOBJ1	499.3	Before	Left Exterior Girder	274.3	0.95	1	1	5.122672
HL93_serv_opr	BOBJ1	499.3	Before	Interior Girder 1	274.3	0.95	1	1	4.917008
HL93_serv_opr	BOBJ1	499.3	Before	Interior Girder 2	274.3	0.95	1	1	4.917008
HL93_serv_opr	BOBJ1	499.3	Before	Right Exterior Girder	274.3	0.95	1	1	5.122673
HL93_serv_opr	BOBJ1	499.3	After	Left Exterior Girder	274.3	0.95	1	1	5.143686
HL93_serv_opr	BOBJ1	499.3	After	Interior Girder 1	274.3	0.95	1	1	4.872934
HL93_serv_opr	BOBJ1	499.3	After	Interior Girder 2	274.3	0.95	1	1	4.872934
HL93_serv_opr	BOBJ1	499.3	After	Right Exterior Girder	274.3	0.95	1	1	5.143686
HL93_serv_opr	BOBJ1	503.8969	Before	Left Exterior Girder	278.8969	0.95	1	1	4.151621
HL93_serv_opr	BOBJ1	503.8969	Before	Interior Girder 1	278.8969	0.95	1	1	3.96301
HL93_serv_opr	BOBJ1	503.8969	Before	Interior Girder 2	278.8969	0.95	1	1	3.96301
HL93_serv_opr	BOBJ1	503.8969	Before	Right Exterior Girder	278.8969	0.95	1	1	4.151621
HL93_serv_opr	BOBJ1	503.8969	After	Left Exterior Girder	278.8969	0.95	1	1	7.711901
HL93_serv_opr	BOBJ1	503.8969	After	Interior Girder 1	278.8969	0.95	1	1	7.400137
HL93_serv_opr	BOBJ1	503.8969	After	Interior Girder 2	278.8969	0.95	1	1	7.400137
HL93_serv_opr	BOBJ1	503.8969	After	Right Exterior Girder	278.8969	0.95	1	1	7.711901
HL93_serv_opr	BOBJ1	510.7	Before	Left Exterior Girder	285.7	0.95	1	1	6.039258
HL93_serv_opr	BOBJ1	510.7	Before	Interior Girder 1	285.7	0.95	1	1	5.808812
HL93_serv_opr	BOBJ1	510.7	Before	Interior Girder 2	285.7	0.95	1	1	5.808812
HL93_serv_opr	BOBJ1	510.7	Before	Right Exterior Girder	285.7	0.95	1	1	6.039259
HL93_serv_opr	BOBJ1	510.7	After	Left Exterior Girder	285.7	0.95	1	1	6.04415
HL93_serv_opr	BOBJ1	510.7	After	Interior Girder 1	285.7	0.95	1	1	5.806035
HL93_serv_opr	BOBJ1	510.7	After	Interior Girder 2	285.7	0.95	1	1	5.806035
HL93_serv_opr	BOBJ1	510.7	After	Right Exterior Girder	285.7	0.95	1	1	6.04415
HL93_serv_opr	BOBJ1	511.4811	Before	Left Exterior Girder	286.4811	0.95	1	1	5.861088
HL93_serv_opr	BOBJ1	511.4811	Before	Interior Girder 1	286.4811	0.95	1	1	5.638477
HL93_serv_opr	BOBJ1	511.4811	Before	Interior Girder 2	286.4811	0.95	1	1	5.638477
HL93_serv_opr	BOBJ1	511.4811	Before	Right Exterior Girder	286.4811	0.95	1	1	5.861088
HL93_serv_opr	BOBJ1	511.4811	After	Left Exterior Girder	286.4811	0.95	1	1	8.506786
HL93_serv_opr	BOBJ1	511.4811	After	Interior Girder 1	286.4811	0.95	1	1	8.22151
HL93_serv_opr	BOBJ1	511.4811	After	Interior Girder 2	286.4811	0.95	1	1	8.22151
HL93_serv_opr	BOBJ1	511.4811	After	Right Exterior Girder	286.4811	0.95	1	1	8.506786
HL93_serv_opr	BOBJ1	522.1	Before	Left Exterior Girder	297.1	0.95	1	1	5.747963
HL93_serv_opr	BOBJ1	522.1	Before	Interior Girder 1	297.1	0.95	1	1	5.71227
HL93_serv_opr	BOBJ1	522.1	Before	Interior Girder 2	297.1	0.95	1	1	5.71227
HL93_serv_opr	BOBJ1	522.1	Before	Right Exterior Girder	297.1	0.95	1	1	5.747963
HL93_serv_opr	BOBJ1	522.1	After	Left Exterior Girder	297.1	0.95	1	1	5.860393
HL93_serv_opr	BOBJ1	522.1	After	Interior Girder 1	297.1	0.95	1	1	5.719605

TABLE: Bridge Super Rating AASHTORATE18 26 - SteelINonCompServ-Flx - Main Span Girders									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
HL93_serv_opr	BOBJ1	522.1	After	Interior Girder 2	297.1	0.95	1	1	5.719605
HL93_serv_opr	BOBJ1	522.1	After	Right Exterior Girder	297.1	0.95	1	1	5.860393
HL93_serv_opr	BOBJ1	530.4918	Before	Left Exterior Girder	305.4918	0.95	1	1	4.040711
HL93_serv_opr	BOBJ1	530.4918	Before	Interior Girder 1	305.4918	0.95	1	1	3.926052
HL93_serv_opr	BOBJ1	530.4918	Before	Interior Girder 2	305.4918	0.95	1	1	3.926052
HL93_serv_opr	BOBJ1	530.4918	Before	Right Exterior Girder	305.4918	0.95	1	1	4.040711
HL93_serv_opr	BOBJ1	530.4918	After	Left Exterior Girder	305.4918	0.95	1	1	5.890765
HL93_serv_opr	BOBJ1	530.4918	After	Interior Girder 1	305.4918	0.95	1	1	5.723111
HL93_serv_opr	BOBJ1	530.4918	After	Interior Girder 2	305.4918	0.95	1	1	5.723112
HL93_serv_opr	BOBJ1	530.4918	After	Right Exterior Girder	305.4918	0.95	1	1	5.890765
HL93_serv_opr	BOBJ1	533.55	Before	Left Exterior Girder	308.55	0.95	1	1	5.221328
HL93_serv_opr	BOBJ1	533.55	Before	Interior Girder 1	308.55	0.95	1	1	5.037463
HL93_serv_opr	BOBJ1	533.55	Before	Interior Girder 2	308.55	0.95	1	1	5.037463
HL93_serv_opr	BOBJ1	533.55	Before	Right Exterior Girder	308.55	0.95	1	1	5.221328
HL93_serv_opr	BOBJ1	533.55	After	Left Exterior Girder	308.55	0.95	1	1	5.211586
HL93_serv_opr	BOBJ1	533.55	After	Interior Girder 1	308.55	0.95	1	1	5.038804
HL93_serv_opr	BOBJ1	533.55	After	Interior Girder 2	308.55	0.95	1	1	5.038805
HL93_serv_opr	BOBJ1	533.55	After	Right Exterior Girder	308.55	0.95	1	1	5.211586
HL93_serv_opr	BOBJ1	545	Before	Left Exterior Girder	320	0.95	1	1	3.214958
HL93_serv_opr	BOBJ1	545	Before	Interior Girder 1	320	0.95	1	1	2.942603
HL93_serv_opr	BOBJ1	545	Before	Interior Girder 2	320	0.95	1	1	2.942603
HL93_serv_opr	BOBJ1	545	Before	Right Exterior Girder	320	0.95	1	1	3.214958
HL93_serv_opr	BOBJ1	545	After	Left Exterior Girder	0	0.95	1	1	3.420009
HL93_serv_opr	BOBJ1	545	After	Interior Girder 1	0	0.95	1	1	2.977724
HL93_serv_opr	BOBJ1	545	After	Interior Girder 2	0	0.95	1	1	2.977724
HL93_serv_opr	BOBJ1	545	After	Right Exterior Girder	0	0.95	1	1	3.420009
HL93_serv_opr	BOBJ1	556.25	Before	Left Exterior Girder	11.25	0.95	1	1	5.229585
HL93_serv_opr	BOBJ1	556.25	Before	Interior Girder 1	11.25	0.95	1	1	4.703067
HL93_serv_opr	BOBJ1	556.25	Before	Interior Girder 2	11.25	0.95	1	1	4.703067
HL93_serv_opr	BOBJ1	556.25	Before	Right Exterior Girder	11.25	0.95	1	1	5.229585
HL93_serv_opr	BOBJ1	556.25	After	Left Exterior Girder	11.25	0.95	1	1	5.229894
HL93_serv_opr	BOBJ1	556.25	After	Interior Girder 1	11.25	0.95	1	1	4.704233
HL93_serv_opr	BOBJ1	556.25	After	Interior Girder 2	11.25	0.95	1	1	4.704233
HL93_serv_opr	BOBJ1	556.25	After	Right Exterior Girder	11.25	0.95	1	1	5.229894
HL93_serv_opr	BOBJ1	559.4358	Before	Left Exterior Girder	14.4358	0.95	1	1	5.816594
HL93_serv_opr	BOBJ1	559.4358	Before	Interior Girder 1	14.4358	0.95	1	1	5.276039
HL93_serv_opr	BOBJ1	559.4358	Before	Interior Girder 2	14.4358	0.95	1	1	5.276039
HL93_serv_opr	BOBJ1	559.4358	Before	Right Exterior Girder	14.4358	0.95	1	1	5.816594
HL93_serv_opr	BOBJ1	559.4358	After	Left Exterior Girder	14.4358	0.95	1	1	3.947695
HL93_serv_opr	BOBJ1	559.4358	After	Interior Girder 1	14.4358	0.95	1	1	3.568867
HL93_serv_opr	BOBJ1	559.4358	After	Interior Girder 2	14.4358	0.95	1	1	3.568867
HL93_serv_opr	BOBJ1	559.4358	After	Right Exterior Girder	14.4358	0.95	1	1	3.947695
HL93_serv_opr	BOBJ1	567.5	Before	Left Exterior Girder	22.5	0.95	1	1	5.371136
HL93_serv_opr	BOBJ1	567.5	Before	Interior Girder 1	22.5	0.95	1	1	4.762148
HL93_serv_opr	BOBJ1	567.5	Before	Interior Girder 2	22.5	0.95	1	1	4.762148
HL93_serv_opr	BOBJ1	567.5	Before	Right Exterior Girder	22.5	0.95	1	1	5.371136
HL93_serv_opr	BOBJ1	567.5	After	Left Exterior Girder	22.5	0.95	1	1	5.304672
HL93_serv_opr	BOBJ1	567.5	After	Interior Girder 1	22.5	0.95	1	1	4.764855
HL93_serv_opr	BOBJ1	567.5	After	Interior Girder 2	22.5	0.95	1	1	4.764855
HL93_serv_opr	BOBJ1	567.5	After	Right Exterior Girder	22.5	0.95	1	1	5.304672
HL93_serv_opr	BOBJ1	570.0586	Before	Left Exterior Girder	25.0586	0.95	1	1	5.773268
HL93_serv_opr	BOBJ1	570.0586	Before	Interior Girder 1	25.0586	0.95	1	1	5.161001
HL93_serv_opr	BOBJ1	570.0586	Before	Interior Girder 2	25.0586	0.95	1	1	5.161001
HL93_serv_opr	BOBJ1	570.0586	Before	Right Exterior Girder	25.0586	0.95	1	1	5.773268
HL93_serv_opr	BOBJ1	570.0586	After	Left Exterior Girder	25.0586	0.95	1	1	3.535081
HL93_serv_opr	BOBJ1	570.0586	After	Interior Girder 1	25.0586	0.95	1	1	3.157925
HL93_serv_opr	BOBJ1	570.0586	After	Interior Girder 2	25.0586	0.95	1	1	3.157925
HL93_serv_opr	BOBJ1	570.0586	After	Right Exterior Girder	25.0586	0.95	1	1	3.53508
HL93_serv_opr	BOBJ1	578.75	Before	Left Exterior Girder	33.75	0.95	1	1	4.777282
HL93_serv_opr	BOBJ1	578.75	Before	Interior Girder 1	33.75	0.95	1	1	4.355238
HL93_serv_opr	BOBJ1	578.75	Before	Interior Girder 2	33.75	0.95	1	1	4.355238
HL93_serv_opr	BOBJ1	578.75	Before	Right Exterior Girder	33.75	0.95	1	1	4.777282
HL93_serv_opr	BOBJ1	578.75	After	Left Exterior Girder	33.75	0.95	1	1	4.761648
HL93_serv_opr	BOBJ1	578.75	After	Interior Girder 1	33.75	0.95	1	1	4.361836
HL93_serv_opr	BOBJ1	578.75	After	Interior Girder 2	33.75	0.95	1	1	4.361836
HL93_serv_opr	BOBJ1	578.75	After	Right Exterior Girder	33.75	0.95	1	1	4.761648
HL93_serv_opr	BOBJ1	586.8142	Before	Left Exterior Girder	41.8142	0.95	1	1	5.981545
HL93_serv_opr	BOBJ1	586.8142	Before	Interior Girder 1	41.8142	0.95	1	1	5.565391
HL93_serv_opr	BOBJ1	586.8142	Before	Interior Girder 2	41.8142	0.95	1	1	5.565391
HL93_serv_opr	BOBJ1	586.8142	Before	Right Exterior Girder	41.8142	0.95	1	1	5.981544

TABLE: Bridge Super Rating AASHTORATE18 26 - SteelINonCompServ-Flx - Main Span Girders									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
HL93_serv_opr	BOBJ1	586.8142	After	Left Exterior Girder	41.8142	0.95	1	1	2.856994
HL93_serv_opr	BOBJ1	586.8142	After	Interior Girder 1	41.8142	0.95	1	1	2.665076
HL93_serv_opr	BOBJ1	586.8142	After	Interior Girder 2	41.8142	0.95	1	1	2.665076
HL93_serv_opr	BOBJ1	586.8142	After	Right Exterior Girder	41.8142	0.95	1	1	2.856994
HL93_serv_opr	BOBJ1	590	Before	Left Exterior Girder	45	0.95	1	1	3.255484
HL93_serv_opr	BOBJ1	590	Before	Interior Girder 1	45	0.95	1	1	3.055542
HL93_serv_opr	BOBJ1	590	Before	Interior Girder 2	45	0.95	1	1	3.055542
HL93_serv_opr	BOBJ1	590	Before	Right Exterior Girder	45	0.95	1	1	3.255483
HL93_serv_opr	BOBJ1	590	After	Left Exterior Girder	45	0.95	1	1	3.239839
HL93_serv_opr	BOBJ1	590	After	Interior Girder 1	45	0.95	1	1	3.07863
HL93_serv_opr	BOBJ1	590	After	Interior Girder 2	45	0.95	1	1	3.07863
HL93_serv_opr	BOBJ1	590	After	Right Exterior Girder	45	0.95	1	1	3.239839
HL93_serv_opr	BOBJ1	601.25	Before	Left Exterior Girder	56.25	0.95	1	1	4.67221
HL93_serv_opr	BOBJ1	601.25	Before	Interior Girder 1	56.25	0.95	1	1	4.490909
HL93_serv_opr	BOBJ1	601.25	Before	Interior Girder 2	56.25	0.95	1	1	4.490909
HL93_serv_opr	BOBJ1	601.25	Before	Right Exterior Girder	56.25	0.95	1	1	4.67221
HL93_serv_opr	BOBJ1	601.25	After	Left Exterior Girder	56.25	0.95	1	1	4.664641
HL93_serv_opr	BOBJ1	601.25	After	Interior Girder 1	56.25	0.95	1	1	4.497821
HL93_serv_opr	BOBJ1	601.25	After	Interior Girder 2	56.25	0.95	1	1	4.497821
HL93_serv_opr	BOBJ1	601.25	After	Right Exterior Girder	56.25	0.95	1	1	4.664641
HL93_serv_opr	BOBJ1	601.7478	Before	Left Exterior Girder	56.7478	0.95	1	1	4.727779
HL93_serv_opr	BOBJ1	601.7478	Before	Interior Girder 1	56.7478	0.95	1	1	4.560752
HL93_serv_opr	BOBJ1	601.7478	Before	Interior Girder 2	56.7478	0.95	1	1	4.560752
HL93_serv_opr	BOBJ1	601.7478	Before	Right Exterior Girder	56.7478	0.95	1	1	4.727779
HL93_serv_opr	BOBJ1	601.7478	After	Left Exterior Girder	56.7478	0.95	1	1	1.879533
HL93_serv_opr	BOBJ1	601.7478	After	Interior Girder 1	56.7478	0.95	1	1	1.828023
HL93_serv_opr	BOBJ1	601.7478	After	Interior Girder 2	56.7478	0.95	1	1	1.828023
HL93_serv_opr	BOBJ1	601.7478	After	Right Exterior Girder	56.7478	0.95	1	1	1.879533
HL93_serv_opr	BOBJ1	612.5	Before	Left Exterior Girder	67.5	0.95	1	1	3.037263
HL93_serv_opr	BOBJ1	612.5	Before	Interior Girder 1	67.5	0.95	1	1	2.975391
HL93_serv_opr	BOBJ1	612.5	Before	Interior Girder 2	67.5	0.95	1	1	2.975391
HL93_serv_opr	BOBJ1	612.5	Before	Right Exterior Girder	67.5	0.95	1	1	3.037262
HL93_serv_opr	BOBJ1	612.5	After	Left Exterior Girder	67.5	0.95	1	1	3.006858
HL93_serv_opr	BOBJ1	612.5	After	Interior Girder 1	67.5	0.95	1	1	2.963377
HL93_serv_opr	BOBJ1	612.5	After	Interior Girder 2	67.5	0.95	1	1	2.963377
HL93_serv_opr	BOBJ1	612.5	After	Right Exterior Girder	67.5	0.95	1	1	3.006858
HL93_serv_opr	BOBJ1	623.75	Before	Left Exterior Girder	78.75	0.95	1	1	3.551871
HL93_serv_opr	BOBJ1	623.75	Before	Interior Girder 1	78.75	0.95	1	1	3.048561
HL93_serv_opr	BOBJ1	623.75	Before	Interior Girder 2	78.75	0.95	1	1	3.048561
HL93_serv_opr	BOBJ1	623.75	Before	Right Exterior Girder	78.75	0.95	1	1	3.551871
HL93_serv_opr	BOBJ1	623.75	After	Left Exterior Girder	78.75	0.95	1	1	3.556481
HL93_serv_opr	BOBJ1	623.75	After	Interior Girder 1	78.75	0.95	1	1	3.046393
HL93_serv_opr	BOBJ1	623.75	After	Interior Girder 2	78.75	0.95	1	1	3.046393
HL93_serv_opr	BOBJ1	623.75	After	Right Exterior Girder	78.75	0.95	1	1	3.556481
HL93_serv_opr	BOBJ1	635	Before	Left Exterior Girder	90	0.95	1	1	2.476129
HL93_serv_opr	BOBJ1	635	Before	Interior Girder 1	90	0.95	1	1	2.219721
HL93_serv_opr	BOBJ1	635	Before	Interior Girder 2	90	0.95	1	1	2.219721
HL93_serv_opr	BOBJ1	635	Before	Right Exterior Girder	90	0.95	1	1	2.476129
HL93_serv_opr	BOBJ1	635	After	Left Exterior Girder	90	0.95	1	1	2.519928
HL93_serv_opr	BOBJ1	635	After	Interior Girder 1	90	0.95	1	1	2.232431
HL93_serv_opr	BOBJ1	635	After	Interior Girder 2	90	0.95	1	1	2.232431
HL93_serv_opr	BOBJ1	635	After	Right Exterior Girder	90	0.95	1	1	2.519928
HL93_serv_opr	BOBJ1	643.5619	Before	Left Exterior Girder	98.5619	0.95	1	1	1.971486
HL93_serv_opr	BOBJ1	643.5619	Before	Interior Girder 1	98.5619	0.95	1	1	1.766184
HL93_serv_opr	BOBJ1	643.5619	Before	Interior Girder 2	98.5619	0.95	1	1	1.766184
HL93_serv_opr	BOBJ1	643.5619	Before	Right Exterior Girder	98.5619	0.95	1	1	1.971486
HL93_serv_opr	BOBJ1	643.5619	After	Left Exterior Girder	98.5619	0.95	1	1	3.73292
HL93_serv_opr	BOBJ1	643.5619	After	Interior Girder 1	98.5619	0.95	1	1	3.335169
HL93_serv_opr	BOBJ1	643.5619	After	Interior Girder 2	98.5619	0.95	1	1	3.335169
HL93_serv_opr	BOBJ1	643.5619	After	Right Exterior Girder	98.5619	0.95	1	1	3.73292
HL93_serv_opr	BOBJ1	646.25	Before	Left Exterior Girder	101.25	0.95	1	1	3.552491
HL93_serv_opr	BOBJ1	646.25	Before	Interior Girder 1	101.25	0.95	1	1	3.189003
HL93_serv_opr	BOBJ1	646.25	Before	Interior Girder 2	101.25	0.95	1	1	3.189003
HL93_serv_opr	BOBJ1	646.25	Before	Right Exterior Girder	101.25	0.95	1	1	3.552491
HL93_serv_opr	BOBJ1	646.25	After	Left Exterior Girder	101.25	0.95	1	1	3.551549
HL93_serv_opr	BOBJ1	646.25	After	Interior Girder 1	101.25	0.95	1	1	3.190238
HL93_serv_opr	BOBJ1	646.25	After	Interior Girder 2	101.25	0.95	1	1	3.190237
HL93_serv_opr	BOBJ1	646.25	After	Right Exterior Girder	101.25	0.95	1	1	3.551549
HL93_serv_opr	BOBJ1	657.5	Before	Left Exterior Girder	112.5	0.95	1	1	2.962541
HL93_serv_opr	BOBJ1	657.5	Before	Interior Girder 1	112.5	0.95	1	1	2.729383

TABLE: Bridge Super Rating AASHTORATE18 26 - SteelINonCompServ-Flx - Main Span Girders									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
HL93_serv_opr	BOBJ1	657.5	Before	Interior Girder 2	112.5	0.95	1	1	2.729383
HL93_serv_opr	BOBJ1	657.5	Before	Right Exterior Girder	112.5	0.95	1	1	2.962541
HL93_serv_opr	BOBJ1	657.5	After	Left Exterior Girder	112.5	0.95	1	1	2.978935
HL93_serv_opr	BOBJ1	657.5	After	Interior Girder 1	112.5	0.95	1	1	2.7325
HL93_serv_opr	BOBJ1	657.5	After	Interior Girder 2	112.5	0.95	1	1	2.7325
HL93_serv_opr	BOBJ1	657.5	After	Right Exterior Girder	112.5	0.95	1	1	2.978935
HL93_serv_opr	BOBJ1	668.75	Before	Left Exterior Girder	123.75	0.95	1	1	2.637866
HL93_serv_opr	BOBJ1	668.75	Before	Interior Girder 1	123.75	0.95	1	1	2.421324
HL93_serv_opr	BOBJ1	668.75	Before	Interior Girder 2	123.75	0.95	1	1	2.421324
HL93_serv_opr	BOBJ1	668.75	Before	Right Exterior Girder	123.75	0.95	1	1	2.637866
HL93_serv_opr	BOBJ1	668.75	After	Left Exterior Girder	123.75	0.95	1	1	2.64037
HL93_serv_opr	BOBJ1	668.75	After	Interior Girder 1	123.75	0.95	1	1	2.422963
HL93_serv_opr	BOBJ1	668.75	After	Interior Girder 2	123.75	0.95	1	1	2.422963
HL93_serv_opr	BOBJ1	668.75	After	Right Exterior Girder	123.75	0.95	1	1	2.64037
HL93_serv_opr	BOBJ1	680	Before	Left Exterior Girder	135	0.95	1	1	2.441501
HL93_serv_opr	BOBJ1	680	Before	Interior Girder 1	135	0.95	1	1	2.272123
HL93_serv_opr	BOBJ1	680	Before	Interior Girder 2	135	0.95	1	1	2.272123
HL93_serv_opr	BOBJ1	680	Before	Right Exterior Girder	135	0.95	1	1	2.441501
HL93_serv_opr	BOBJ1	680	After	Left Exterior Girder	135	0.95	1	1	2.438131
HL93_serv_opr	BOBJ1	680	After	Interior Girder 1	135	0.95	1	1	2.270914
HL93_serv_opr	BOBJ1	680	After	Interior Girder 2	135	0.95	1	1	2.270914
HL93_serv_opr	BOBJ1	680	After	Right Exterior Girder	135	0.95	1	1	2.438131
HL93_serv_opr	BOBJ1	691.25	Before	Left Exterior Girder	146.25	0.95	1	1	2.415295
HL93_serv_opr	BOBJ1	691.25	Before	Interior Girder 1	146.25	0.95	1	1	2.227706
HL93_serv_opr	BOBJ1	691.25	Before	Interior Girder 2	146.25	0.95	1	1	2.227707
HL93_serv_opr	BOBJ1	691.25	Before	Right Exterior Girder	146.25	0.95	1	1	2.415295
HL93_serv_opr	BOBJ1	691.25	After	Left Exterior Girder	146.25	0.95	1	1	2.415478
HL93_serv_opr	BOBJ1	691.25	After	Interior Girder 1	146.25	0.95	1	1	2.228524
HL93_serv_opr	BOBJ1	691.25	After	Interior Girder 2	146.25	0.95	1	1	2.228524
HL93_serv_opr	BOBJ1	691.25	After	Right Exterior Girder	146.25	0.95	1	1	2.415478
HL93_serv_opr	BOBJ1	702.5	Before	Left Exterior Girder	157.5	0.95	1	1	2.535547
HL93_serv_opr	BOBJ1	702.5	Before	Interior Girder 1	157.5	0.95	1	1	2.344254
HL93_serv_opr	BOBJ1	702.5	Before	Interior Girder 2	157.5	0.95	1	1	2.344255
HL93_serv_opr	BOBJ1	702.5	Before	Right Exterior Girder	157.5	0.95	1	1	2.535547
HL93_serv_opr	BOBJ1	702.5	After	Left Exterior Girder	157.5	0.95	1	1	2.508544
HL93_serv_opr	BOBJ1	702.5	After	Interior Girder 1	157.5	0.95	1	1	2.333599
HL93_serv_opr	BOBJ1	702.5	After	Interior Girder 2	157.5	0.95	1	1	2.333599
HL93_serv_opr	BOBJ1	702.5	After	Right Exterior Girder	157.5	0.95	1	1	2.508543
HL93_serv_opr	BOBJ1	713.75	Before	Left Exterior Girder	168.75	0.95	1	1	2.861874
HL93_serv_opr	BOBJ1	713.75	Before	Interior Girder 1	168.75	0.95	1	1	2.601185
HL93_serv_opr	BOBJ1	713.75	Before	Interior Girder 2	168.75	0.95	1	1	2.601185
HL93_serv_opr	BOBJ1	713.75	Before	Right Exterior Girder	168.75	0.95	1	1	2.861874
HL93_serv_opr	BOBJ1	713.75	After	Left Exterior Girder	168.75	0.95	1	1	2.859465
HL93_serv_opr	BOBJ1	713.75	After	Interior Girder 1	168.75	0.95	1	1	2.603929
HL93_serv_opr	BOBJ1	713.75	After	Interior Girder 2	168.75	0.95	1	1	2.603929
HL93_serv_opr	BOBJ1	713.75	After	Right Exterior Girder	168.75	0.95	1	1	2.859465
HL93_serv_opr	BOBJ1	725	Before	Left Exterior Girder	180	0.95	1	1	3.508371
HL93_serv_opr	BOBJ1	725	Before	Interior Girder 1	180	0.95	1	1	3.131464
HL93_serv_opr	BOBJ1	725	Before	Interior Girder 2	180	0.95	1	1	3.131464
HL93_serv_opr	BOBJ1	725	Before	Right Exterior Girder	180	0.95	1	1	3.508371
HL93_serv_opr	BOBJ1	725	After	Left Exterior Girder	180	0.95	1	1	3.455726
HL93_serv_opr	BOBJ1	725	After	Interior Girder 1	180	0.95	1	1	3.14042
HL93_serv_opr	BOBJ1	725	After	Interior Girder 2	180	0.95	1	1	3.14042
HL93_serv_opr	BOBJ1	725	After	Right Exterior Girder	180	0.95	1	1	3.455726
HL93_serv_opr	BOBJ1	731.1726	Before	Left Exterior Girder	186.1726	0.95	1	1	4.054122
HL93_serv_opr	BOBJ1	731.1726	Before	Interior Girder 1	186.1726	0.95	1	1	3.578611
HL93_serv_opr	BOBJ1	731.1726	Before	Interior Girder 2	186.1726	0.95	1	1	3.578611
HL93_serv_opr	BOBJ1	731.1726	Before	Right Exterior Girder	186.1726	0.95	1	1	4.054122
HL93_serv_opr	BOBJ1	731.1726	After	Left Exterior Girder	186.1726	0.95	1	1	1.74013
HL93_serv_opr	BOBJ1	731.1726	After	Interior Girder 1	186.1726	0.95	1	1	1.533412
HL93_serv_opr	BOBJ1	731.1726	After	Interior Girder 2	186.1726	0.95	1	1	1.533412
HL93_serv_opr	BOBJ1	731.1726	After	Right Exterior Girder	186.1726	0.95	1	1	1.74013
HL93_serv_opr	BOBJ1	736.25	Before	Left Exterior Girder	191.25	0.95	1	1	2.151659
HL93_serv_opr	BOBJ1	736.25	Before	Interior Girder 1	191.25	0.95	1	1	1.829532
HL93_serv_opr	BOBJ1	736.25	Before	Interior Girder 2	191.25	0.95	1	1	1.829532
HL93_serv_opr	BOBJ1	736.25	Before	Right Exterior Girder	191.25	0.95	1	1	2.151659
HL93_serv_opr	BOBJ1	736.25	After	Left Exterior Girder	191.25	0.95	1	1	2.144684
HL93_serv_opr	BOBJ1	736.25	After	Interior Girder 1	191.25	0.95	1	1	1.83078
HL93_serv_opr	BOBJ1	736.25	After	Interior Girder 2	191.25	0.95	1	1	1.83078
HL93_serv_opr	BOBJ1	736.25	After	Right Exterior Girder	191.25	0.95	1	1	2.144684

TABLE: Bridge Super Rating AASHTORATE18 26 - SteelINonCompServ-Flx - Main Span Girders									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
HL93_serv_opr	BOBJ1	747.5	Before	Left Exterior Girder	202.5	0.95	1	1	3.776597
HL93_serv_opr	BOBJ1	747.5	Before	Interior Girder 1	202.5	0.95	1	1	3.017325
HL93_serv_opr	BOBJ1	747.5	Before	Interior Girder 2	202.5	0.95	1	1	3.017326
HL93_serv_opr	BOBJ1	747.5	Before	Right Exterior Girder	202.5	0.95	1	1	3.776597
HL93_serv_opr	BOBJ1	747.5	After	Left Exterior Girder	202.5	0.95	1	1	3.635275
HL93_serv_opr	BOBJ1	747.5	After	Interior Girder 1	202.5	0.95	1	1	3.004724
HL93_serv_opr	BOBJ1	747.5	After	Interior Girder 2	202.5	0.95	1	1	3.004724
HL93_serv_opr	BOBJ1	747.5	After	Right Exterior Girder	202.5	0.95	1	1	3.635275
HL93_serv_opr	BOBJ1	758.75	Before	Left Exterior Girder	213.75	0.95	1	1	8.700939
HL93_serv_opr	BOBJ1	758.75	Before	Interior Girder 1	213.75	0.95	1	1	6.407005
HL93_serv_opr	BOBJ1	758.75	Before	Interior Girder 2	213.75	0.95	1	1	6.407005
HL93_serv_opr	BOBJ1	758.75	Before	Right Exterior Girder	213.75	0.95	1	1	8.700936
HL93_serv_opr	BOBJ1	758.75	After	Left Exterior Girder	213.75	0.95	1	1	8.689728
HL93_serv_opr	BOBJ1	758.75	After	Interior Girder 1	213.75	0.95	1	1	6.345448
HL93_serv_opr	BOBJ1	758.75	After	Interior Girder 2	213.75	0.95	1	1	6.345448
HL93_serv_opr	BOBJ1	758.75	After	Right Exterior Girder	213.75	0.95	1	1	8.689725
HL93_serv_opr	BOBJ1	770	Before	Left Exterior Girder	225	0.95	1	1	167.845159
HL93_serv_opr	BOBJ1	770	Before	Interior Girder 1	225	0.95	1	1	139.291173
HL93_serv_opr	BOBJ1	770	Before	Interior Girder 2	225	0.95	1	1	139.290664
HL93_serv_opr	BOBJ1	770	Before	Right Exterior Girder	225	0.95	1	1	167.846075
HL93_serv_inv	BOBJ1	0	After	Left Exterior Girder	0	0.95	1	1	129.112086
HL93_serv_inv	BOBJ1	0	After	Interior Girder 1	0	0.95	1	1	107.156081
HL93_serv_inv	BOBJ1	0	After	Interior Girder 2	0	0.95	1	1	107.155974
HL93_serv_inv	BOBJ1	0	After	Right Exterior Girder	0	0.95	1	1	129.112077
HL93_serv_inv	BOBJ1	11.25	Before	Left Exterior Girder	11.25	0.95	1	1	6.684413
HL93_serv_inv	BOBJ1	11.25	Before	Interior Girder 1	11.25	0.95	1	1	4.881162
HL93_serv_inv	BOBJ1	11.25	Before	Interior Girder 2	11.25	0.95	1	1	4.881163
HL93_serv_inv	BOBJ1	11.25	Before	Right Exterior Girder	11.25	0.95	1	1	6.684412
HL93_serv_inv	BOBJ1	11.25	After	Left Exterior Girder	11.25	0.95	1	1	6.693066
HL93_serv_inv	BOBJ1	11.25	After	Interior Girder 1	11.25	0.95	1	1	4.928514
HL93_serv_inv	BOBJ1	11.25	After	Interior Girder 2	11.25	0.95	1	1	4.928515
HL93_serv_inv	BOBJ1	11.25	After	Right Exterior Girder	11.25	0.95	1	1	6.693065
HL93_serv_inv	BOBJ1	22.5	Before	Left Exterior Girder	22.5	0.95	1	1	2.79638
HL93_serv_inv	BOBJ1	22.5	Before	Interior Girder 1	22.5	0.95	1	1	2.311306
HL93_serv_inv	BOBJ1	22.5	Before	Interior Girder 2	22.5	0.95	1	1	2.311306
HL93_serv_inv	BOBJ1	22.5	Before	Right Exterior Girder	22.5	0.95	1	1	2.79638
HL93_serv_inv	BOBJ1	22.5	After	Left Exterior Girder	22.5	0.95	1	1	2.905096
HL93_serv_inv	BOBJ1	22.5	After	Interior Girder 1	22.5	0.95	1	1	2.321021
HL93_serv_inv	BOBJ1	22.5	After	Interior Girder 2	22.5	0.95	1	1	2.321022
HL93_serv_inv	BOBJ1	22.5	After	Right Exterior Girder	22.5	0.95	1	1	2.905096
HL93_serv_inv	BOBJ1	33.75	Before	Left Exterior Girder	33.75	0.95	1	1	1.649754
HL93_serv_inv	BOBJ1	33.75	Before	Interior Girder 1	33.75	0.95	1	1	1.408297
HL93_serv_inv	BOBJ1	33.75	Before	Interior Girder 2	33.75	0.95	1	1	1.408297
HL93_serv_inv	BOBJ1	33.75	Before	Right Exterior Girder	33.75	0.95	1	1	1.649754
HL93_serv_inv	BOBJ1	33.75	After	Left Exterior Girder	33.75	0.95	1	1	1.655118
HL93_serv_inv	BOBJ1	33.75	After	Interior Girder 1	33.75	0.95	1	1	1.407343
HL93_serv_inv	BOBJ1	33.75	After	Interior Girder 2	33.75	0.95	1	1	1.407343
HL93_serv_inv	BOBJ1	33.75	After	Right Exterior Girder	33.75	0.95	1	1	1.655118
HL93_serv_inv	BOBJ1	38.8274	Before	Left Exterior Girder	38.8274	0.95	1	1	1.338558
HL93_serv_inv	BOBJ1	38.8274	Before	Interior Girder 1	38.8274	0.95	1	1	1.179548
HL93_serv_inv	BOBJ1	38.8274	Before	Interior Girder 2	38.8274	0.95	1	1	1.179548
HL93_serv_inv	BOBJ1	38.8274	Before	Right Exterior Girder	38.8274	0.95	1	1	1.338558
HL93_serv_inv	BOBJ1	38.8274	After	Left Exterior Girder	38.8274	0.95	1	1	3.118551
HL93_serv_inv	BOBJ1	38.8274	After	Interior Girder 1	38.8274	0.95	1	1	2.752773
HL93_serv_inv	BOBJ1	38.8274	After	Interior Girder 2	38.8274	0.95	1	1	2.752773
HL93_serv_inv	BOBJ1	38.8274	After	Right Exterior Girder	38.8274	0.95	1	1	3.118551
HL93_serv_inv	BOBJ1	45	Before	Left Exterior Girder	45	0.95	1	1	2.658235
HL93_serv_inv	BOBJ1	45	Before	Interior Girder 1	45	0.95	1	1	2.415699
HL93_serv_inv	BOBJ1	45	Before	Interior Girder 2	45	0.95	1	1	2.415699
HL93_serv_inv	BOBJ1	45	Before	Right Exterior Girder	45	0.95	1	1	2.658235
HL93_serv_inv	BOBJ1	45	After	Left Exterior Girder	45	0.95	1	1	2.69872
HL93_serv_inv	BOBJ1	45	After	Interior Girder 1	45	0.95	1	1	2.408807
HL93_serv_inv	BOBJ1	45	After	Interior Girder 2	45	0.95	1	1	2.408807
HL93_serv_inv	BOBJ1	45	After	Right Exterior Girder	45	0.95	1	1	2.69872
HL93_serv_inv	BOBJ1	56.25	Before	Left Exterior Girder	56.25	0.95	1	1	2.199581
HL93_serv_inv	BOBJ1	56.25	Before	Interior Girder 1	56.25	0.95	1	1	2.003017
HL93_serv_inv	BOBJ1	56.25	Before	Interior Girder 2	56.25	0.95	1	1	2.003017
HL93_serv_inv	BOBJ1	56.25	Before	Right Exterior Girder	56.25	0.95	1	1	2.199581
HL93_serv_inv	BOBJ1	56.25	After	Left Exterior Girder	56.25	0.95	1	1	2.20143
HL93_serv_inv	BOBJ1	56.25	After	Interior Girder 1	56.25	0.95	1	1	2.000907

TABLE: Bridge Super Rating AASHTORATE18 26 - SteelINonCompServ-Flx - Main Span Girders									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
HL93_serv_inv	BOBJ1	56.25	After	Interior Girder 2	56.25	0.95	1	1	2.000907
HL93_serv_inv	BOBJ1	56.25	After	Right Exterior Girder	56.25	0.95	1	1	2.20143
HL93_serv_inv	BOBJ1	67.5	Before	Left Exterior Girder	67.5	0.95	1	1	1.929669
HL93_serv_inv	BOBJ1	67.5	Before	Interior Girder 1	67.5	0.95	1	1	1.795076
HL93_serv_inv	BOBJ1	67.5	Before	Interior Girder 2	67.5	0.95	1	1	1.795076
HL93_serv_inv	BOBJ1	67.5	Before	Right Exterior Girder	67.5	0.95	1	1	1.929669
HL93_serv_inv	BOBJ1	67.5	After	Left Exterior Girder	67.5	0.95	1	1	1.95044
HL93_serv_inv	BOBJ1	67.5	After	Interior Girder 1	67.5	0.95	1	1	1.803272
HL93_serv_inv	BOBJ1	67.5	After	Interior Girder 2	67.5	0.95	1	1	1.803272
HL93_serv_inv	BOBJ1	67.5	After	Right Exterior Girder	67.5	0.95	1	1	1.95044
HL93_serv_inv	BOBJ1	78.75	Before	Left Exterior Girder	78.75	0.95	1	1	1.858066
HL93_serv_inv	BOBJ1	78.75	Before	Interior Girder 1	78.75	0.95	1	1	1.714234
HL93_serv_inv	BOBJ1	78.75	Before	Interior Girder 2	78.75	0.95	1	1	1.714233
HL93_serv_inv	BOBJ1	78.75	Before	Right Exterior Girder	78.75	0.95	1	1	1.858066
HL93_serv_inv	BOBJ1	78.75	After	Left Exterior Girder	78.75	0.95	1	1	1.857925
HL93_serv_inv	BOBJ1	78.75	After	Interior Girder 1	78.75	0.95	1	1	1.713605
HL93_serv_inv	BOBJ1	78.75	After	Interior Girder 2	78.75	0.95	1	1	1.713604
HL93_serv_inv	BOBJ1	78.75	After	Right Exterior Girder	78.75	0.95	1	1	1.857925
HL93_serv_inv	BOBJ1	90	Before	Left Exterior Girder	90	0.95	1	1	1.875493
HL93_serv_inv	BOBJ1	90	Before	Interior Girder 1	90	0.95	1	1	1.746855
HL93_serv_inv	BOBJ1	90	Before	Interior Girder 2	90	0.95	1	1	1.746855
HL93_serv_inv	BOBJ1	90	Before	Right Exterior Girder	90	0.95	1	1	1.875493
HL93_serv_inv	BOBJ1	90	After	Left Exterior Girder	90	0.95	1	1	1.878087
HL93_serv_inv	BOBJ1	90	After	Interior Girder 1	90	0.95	1	1	1.747785
HL93_serv_inv	BOBJ1	90	After	Interior Girder 2	90	0.95	1	1	1.747785
HL93_serv_inv	BOBJ1	90	After	Right Exterior Girder	90	0.95	1	1	1.878088
HL93_serv_inv	BOBJ1	101.25	Before	Left Exterior Girder	101.25	0.95	1	1	2.031061
HL93_serv_inv	BOBJ1	101.25	Before	Interior Girder 1	101.25	0.95	1	1	1.863815
HL93_serv_inv	BOBJ1	101.25	Before	Interior Girder 2	101.25	0.95	1	1	1.863815
HL93_serv_inv	BOBJ1	101.25	Before	Right Exterior Girder	101.25	0.95	1	1	2.031061
HL93_serv_inv	BOBJ1	101.25	After	Left Exterior Girder	101.25	0.95	1	1	2.029134
HL93_serv_inv	BOBJ1	101.25	After	Interior Girder 1	101.25	0.95	1	1	1.862554
HL93_serv_inv	BOBJ1	101.25	After	Interior Girder 2	101.25	0.95	1	1	1.862554
HL93_serv_inv	BOBJ1	101.25	After	Right Exterior Girder	101.25	0.95	1	1	2.029134
HL93_serv_inv	BOBJ1	112.5	Before	Left Exterior Girder	112.5	0.95	1	1	2.291491
HL93_serv_inv	BOBJ1	112.5	Before	Interior Girder 1	112.5	0.95	1	1	2.101923
HL93_serv_inv	BOBJ1	112.5	Before	Interior Girder 2	112.5	0.95	1	1	2.101923
HL93_serv_inv	BOBJ1	112.5	Before	Right Exterior Girder	112.5	0.95	1	1	2.291491
HL93_serv_inv	BOBJ1	112.5	After	Left Exterior Girder	112.5	0.95	1	1	2.278873
HL93_serv_inv	BOBJ1	112.5	After	Interior Girder 1	112.5	0.95	1	1	2.099524
HL93_serv_inv	BOBJ1	112.5	After	Interior Girder 2	112.5	0.95	1	1	2.099524
HL93_serv_inv	BOBJ1	112.5	After	Right Exterior Girder	112.5	0.95	1	1	2.278873
HL93_serv_inv	BOBJ1	123.75	Before	Left Exterior Girder	123.75	0.95	1	1	2.731976
HL93_serv_inv	BOBJ1	123.75	Before	Interior Girder 1	123.75	0.95	1	1	2.454035
HL93_serv_inv	BOBJ1	123.75	Before	Interior Girder 2	123.75	0.95	1	1	2.454035
HL93_serv_inv	BOBJ1	123.75	Before	Right Exterior Girder	123.75	0.95	1	1	2.731976
HL93_serv_inv	BOBJ1	123.75	After	Left Exterior Girder	123.75	0.95	1	1	2.732696
HL93_serv_inv	BOBJ1	123.75	After	Interior Girder 1	123.75	0.95	1	1	2.453086
HL93_serv_inv	BOBJ1	123.75	After	Interior Girder 2	123.75	0.95	1	1	2.453087
HL93_serv_inv	BOBJ1	123.75	After	Right Exterior Girder	123.75	0.95	1	1	2.732696
HL93_serv_inv	BOBJ1	126.4381	Before	Left Exterior Girder	126.4381	0.95	1	1	2.871499
HL93_serv_inv	BOBJ1	126.4381	Before	Interior Girder 1	126.4381	0.95	1	1	2.565524
HL93_serv_inv	BOBJ1	126.4381	Before	Interior Girder 2	126.4381	0.95	1	1	2.565524
HL93_serv_inv	BOBJ1	126.4381	Before	Right Exterior Girder	126.4381	0.95	1	1	2.871499
HL93_serv_inv	BOBJ1	126.4381	After	Left Exterior Girder	126.4381	0.95	1	1	1.51654
HL93_serv_inv	BOBJ1	126.4381	After	Interior Girder 1	126.4381	0.95	1	1	1.358609
HL93_serv_inv	BOBJ1	126.4381	After	Interior Girder 2	126.4381	0.95	1	1	1.358609
HL93_serv_inv	BOBJ1	126.4381	After	Right Exterior Girder	126.4381	0.95	1	1	1.51654
HL93_serv_inv	BOBJ1	135	Before	Left Exterior Girder	135	0.95	1	1	1.938399
HL93_serv_inv	BOBJ1	135	Before	Interior Girder 1	135	0.95	1	1	1.717256
HL93_serv_inv	BOBJ1	135	Before	Interior Girder 2	135	0.95	1	1	1.717256
HL93_serv_inv	BOBJ1	135	Before	Right Exterior Girder	135	0.95	1	1	1.938399
HL93_serv_inv	BOBJ1	135	After	Left Exterior Girder	135	0.95	1	1	1.904716
HL93_serv_inv	BOBJ1	135	After	Interior Girder 1	135	0.95	1	1	1.707476
HL93_serv_inv	BOBJ1	135	After	Interior Girder 2	135	0.95	1	1	1.707476
HL93_serv_inv	BOBJ1	135	After	Right Exterior Girder	135	0.95	1	1	1.904716
HL93_serv_inv	BOBJ1	146.25	Before	Left Exterior Girder	146.25	0.95	1	1	2.735759
HL93_serv_inv	BOBJ1	146.25	Before	Interior Girder 1	146.25	0.95	1	1	2.343381
HL93_serv_inv	BOBJ1	146.25	Before	Interior Girder 2	146.25	0.95	1	1	2.343381
HL93_serv_inv	BOBJ1	146.25	Before	Right Exterior Girder	146.25	0.95	1	1	2.735759

TABLE: Bridge Super Rating AASHTORATE18 26 - SteelINonCompServ-Flx - Main Span Girders									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
HL93_serv_inv	BOBJ1	146.25	After	Left Exterior Girder	146.25	0.95	1	1	2.732216
HL93_serv_inv	BOBJ1	146.25	After	Interior Girder 1	146.25	0.95	1	1	2.345048
HL93_serv_inv	BOBJ1	146.25	After	Interior Girder 2	146.25	0.95	1	1	2.345048
HL93_serv_inv	BOBJ1	146.25	After	Right Exterior Girder	146.25	0.95	1	1	2.732216
HL93_serv_inv	BOBJ1	157.5	Before	Left Exterior Girder	157.5	0.95	1	1	2.312969
HL93_serv_inv	BOBJ1	157.5	Before	Interior Girder 1	157.5	0.95	1	1	2.279524
HL93_serv_inv	BOBJ1	157.5	Before	Interior Girder 2	157.5	0.95	1	1	2.279524
HL93_serv_inv	BOBJ1	157.5	Before	Right Exterior Girder	157.5	0.95	1	1	2.312969
HL93_serv_inv	BOBJ1	157.5	After	Left Exterior Girder	157.5	0.95	1	1	2.336355
HL93_serv_inv	BOBJ1	157.5	After	Interior Girder 1	157.5	0.95	1	1	2.288765
HL93_serv_inv	BOBJ1	157.5	After	Interior Girder 2	157.5	0.95	1	1	2.288765
HL93_serv_inv	BOBJ1	157.5	After	Right Exterior Girder	157.5	0.95	1	1	2.336355
HL93_serv_inv	BOBJ1	168.2522	Before	Left Exterior Girder	168.2522	0.95	1	1	1.447003
HL93_serv_inv	BOBJ1	168.2522	Before	Interior Girder 1	168.2522	0.95	1	1	1.404701
HL93_serv_inv	BOBJ1	168.2522	Before	Interior Girder 2	168.2522	0.95	1	1	1.4047
HL93_serv_inv	BOBJ1	168.2522	Before	Right Exterior Girder	168.2522	0.95	1	1	1.447003
HL93_serv_inv	BOBJ1	168.2522	After	Left Exterior Girder	168.2522	0.95	1	1	3.639098
HL93_serv_inv	BOBJ1	168.2522	After	Interior Girder 1	168.2522	0.95	1	1	3.505664
HL93_serv_inv	BOBJ1	168.2522	After	Interior Girder 2	168.2522	0.95	1	1	3.505664
HL93_serv_inv	BOBJ1	168.2522	After	Right Exterior Girder	168.2522	0.95	1	1	3.639098
HL93_serv_inv	BOBJ1	168.75	Before	Left Exterior Girder	168.75	0.95	1	1	3.588185
HL93_serv_inv	BOBJ1	168.75	Before	Interior Girder 1	168.75	0.95	1	1	3.459867
HL93_serv_inv	BOBJ1	168.75	Before	Interior Girder 2	168.75	0.95	1	1	3.459867
HL93_serv_inv	BOBJ1	168.75	Before	Right Exterior Girder	168.75	0.95	1	1	3.588185
HL93_serv_inv	BOBJ1	168.75	After	Left Exterior Girder	168.75	0.95	1	1	3.594007
HL93_serv_inv	BOBJ1	168.75	After	Interior Girder 1	168.75	0.95	1	1	3.45455
HL93_serv_inv	BOBJ1	168.75	After	Interior Girder 2	168.75	0.95	1	1	3.45455
HL93_serv_inv	BOBJ1	168.75	After	Right Exterior Girder	168.75	0.95	1	1	3.594007
HL93_serv_inv	BOBJ1	180	Before	Left Exterior Girder	180	0.95	1	1	2.492181
HL93_serv_inv	BOBJ1	180	Before	Interior Girder 1	180	0.95	1	1	2.368179
HL93_serv_inv	BOBJ1	180	Before	Interior Girder 2	180	0.95	1	1	2.368179
HL93_serv_inv	BOBJ1	180	Before	Right Exterior Girder	180	0.95	1	1	2.492182
HL93_serv_inv	BOBJ1	180	After	Left Exterior Girder	180	0.95	1	1	2.50422
HL93_serv_inv	BOBJ1	180	After	Interior Girder 1	180	0.95	1	1	2.35042
HL93_serv_inv	BOBJ1	180	After	Interior Girder 2	180	0.95	1	1	2.35042
HL93_serv_inv	BOBJ1	180	After	Right Exterior Girder	180	0.95	1	1	2.50422
HL93_serv_inv	BOBJ1	183.1858	Before	Left Exterior Girder	183.1858	0.95	1	1	2.195928
HL93_serv_inv	BOBJ1	183.1858	Before	Interior Girder 1	183.1858	0.95	1	1	2.051558
HL93_serv_inv	BOBJ1	183.1858	Before	Interior Girder 2	183.1858	0.95	1	1	2.051558
HL93_serv_inv	BOBJ1	183.1858	Before	Right Exterior Girder	183.1858	0.95	1	1	2.195928
HL93_serv_inv	BOBJ1	183.1858	After	Left Exterior Girder	183.1858	0.95	1	1	4.598483
HL93_serv_inv	BOBJ1	183.1858	After	Interior Girder 1	183.1858	0.95	1	1	4.282911
HL93_serv_inv	BOBJ1	183.1858	After	Interior Girder 2	183.1858	0.95	1	1	4.282911
HL93_serv_inv	BOBJ1	183.1858	After	Right Exterior Girder	183.1858	0.95	1	1	4.598484
HL93_serv_inv	BOBJ1	191.25	Before	Left Exterior Girder	191.25	0.95	1	1	3.662811
HL93_serv_inv	BOBJ1	191.25	Before	Interior Girder 1	191.25	0.95	1	1	3.355293
HL93_serv_inv	BOBJ1	191.25	Before	Interior Girder 2	191.25	0.95	1	1	3.355293
HL93_serv_inv	BOBJ1	191.25	Before	Right Exterior Girder	191.25	0.95	1	1	3.662811
HL93_serv_inv	BOBJ1	191.25	After	Left Exterior Girder	191.25	0.95	1	1	3.674864
HL93_serv_inv	BOBJ1	191.25	After	Interior Girder 1	191.25	0.95	1	1	3.350196
HL93_serv_inv	BOBJ1	191.25	After	Interior Girder 2	191.25	0.95	1	1	3.350196
HL93_serv_inv	BOBJ1	191.25	After	Right Exterior Girder	191.25	0.95	1	1	3.674864
HL93_serv_inv	BOBJ1	199.9414	Before	Left Exterior Girder	199.9414	0.95	1	1	2.717534
HL93_serv_inv	BOBJ1	199.9414	Before	Interior Girder 1	199.9414	0.95	1	1	2.430389
HL93_serv_inv	BOBJ1	199.9414	Before	Interior Girder 2	199.9414	0.95	1	1	2.430389
HL93_serv_inv	BOBJ1	199.9414	Before	Right Exterior Girder	199.9414	0.95	1	1	2.717534
HL93_serv_inv	BOBJ1	199.9414	After	Left Exterior Girder	199.9414	0.95	1	1	4.438555
HL93_serv_inv	BOBJ1	199.9414	After	Interior Girder 1	199.9414	0.95	1	1	3.971209
HL93_serv_inv	BOBJ1	199.9414	After	Interior Girder 2	199.9414	0.95	1	1	3.971209
HL93_serv_inv	BOBJ1	199.9414	After	Right Exterior Girder	199.9414	0.95	1	1	4.438555
HL93_serv_inv	BOBJ1	202.5	Before	Left Exterior Girder	202.5	0.95	1	1	4.08051
HL93_serv_inv	BOBJ1	202.5	Before	Interior Girder 1	202.5	0.95	1	1	3.665259
HL93_serv_inv	BOBJ1	202.5	Before	Interior Girder 2	202.5	0.95	1	1	3.665259
HL93_serv_inv	BOBJ1	202.5	Before	Right Exterior Girder	202.5	0.95	1	1	4.08051
HL93_serv_inv	BOBJ1	202.5	After	Left Exterior Girder	202.5	0.95	1	1	4.131637
HL93_serv_inv	BOBJ1	202.5	After	Interior Girder 1	202.5	0.95	1	1	3.663176
HL93_serv_inv	BOBJ1	202.5	After	Interior Girder 2	202.5	0.95	1	1	3.663176
HL93_serv_inv	BOBJ1	202.5	After	Right Exterior Girder	202.5	0.95	1	1	4.131637
HL93_serv_inv	BOBJ1	210.5642	Before	Left Exterior Girder	210.5642	0.95	1	1	3.036685
HL93_serv_inv	BOBJ1	210.5642	Before	Interior Girder 1	210.5642	0.95	1	1	2.745277

TABLE: Bridge Super Rating AASHTORATE18 26 - SteelINonCompServ-Flx - Main Span Girders									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
HL93_serv_inv	BOBJ1	210.5642	Before	Interior Girder 2	210.5642	0.95	1	1	2.745277
HL93_serv_inv	BOBJ1	210.5642	Before	Right Exterior Girder	210.5642	0.95	1	1	3.036685
HL93_serv_inv	BOBJ1	210.5642	After	Left Exterior Girder	210.5642	0.95	1	1	4.474299
HL93_serv_inv	BOBJ1	210.5642	After	Interior Girder 1	210.5642	0.95	1	1	4.058483
HL93_serv_inv	BOBJ1	210.5642	After	Interior Girder 2	210.5642	0.95	1	1	4.058483
HL93_serv_inv	BOBJ1	210.5642	After	Right Exterior Girder	210.5642	0.95	1	1	4.474299
HL93_serv_inv	BOBJ1	213.75	Before	Left Exterior Girder	213.75	0.95	1	1	4.022994
HL93_serv_inv	BOBJ1	213.75	Before	Interior Girder 1	213.75	0.95	1	1	3.618632
HL93_serv_inv	BOBJ1	213.75	Before	Interior Girder 2	213.75	0.95	1	1	3.618632
HL93_serv_inv	BOBJ1	213.75	Before	Right Exterior Girder	213.75	0.95	1	1	4.022994
HL93_serv_inv	BOBJ1	213.75	After	Left Exterior Girder	213.75	0.95	1	1	4.022763
HL93_serv_inv	BOBJ1	213.75	After	Interior Girder 1	213.75	0.95	1	1	3.617734
HL93_serv_inv	BOBJ1	213.75	After	Interior Girder 2	213.75	0.95	1	1	3.617734
HL93_serv_inv	BOBJ1	213.75	After	Right Exterior Girder	213.75	0.95	1	1	4.022763
HL93_serv_inv	BOBJ1	225	Before	Left Exterior Girder	225	0.95	1	1	2.630782
HL93_serv_inv	BOBJ1	225	Before	Interior Girder 1	225	0.95	1	1	2.290305
HL93_serv_inv	BOBJ1	225	Before	Interior Girder 2	225	0.95	1	1	2.290305
HL93_serv_inv	BOBJ1	225	Before	Right Exterior Girder	225	0.95	1	1	2.630782
HL93_serv_inv	BOBJ1	225	After	Left Exterior Girder	0	0.95	1	1	2.473035
HL93_serv_inv	BOBJ1	225	After	Interior Girder 1	0	0.95	1	1	2.263559
HL93_serv_inv	BOBJ1	225	After	Interior Girder 2	0	0.95	1	1	2.263559
HL93_serv_inv	BOBJ1	225	After	Right Exterior Girder	0	0.95	1	1	2.473035
HL93_serv_inv	BOBJ1	236.45	Before	Left Exterior Girder	11.45	0.95	1	1	4.008907
HL93_serv_inv	BOBJ1	236.45	Before	Interior Girder 1	11.45	0.95	1	1	3.876006
HL93_serv_inv	BOBJ1	236.45	Before	Interior Girder 2	11.45	0.95	1	1	3.876006
HL93_serv_inv	BOBJ1	236.45	Before	Right Exterior Girder	11.45	0.95	1	1	4.008907
HL93_serv_inv	BOBJ1	236.45	After	Left Exterior Girder	11.45	0.95	1	1	4.016405
HL93_serv_inv	BOBJ1	236.45	After	Interior Girder 1	11.45	0.95	1	1	3.874971
HL93_serv_inv	BOBJ1	236.45	After	Interior Girder 2	11.45	0.95	1	1	3.874971
HL93_serv_inv	BOBJ1	236.45	After	Right Exterior Girder	11.45	0.95	1	1	4.016405
HL93_serv_inv	BOBJ1	239.5082	Before	Left Exterior Girder	14.5082	0.95	1	1	4.531385
HL93_serv_inv	BOBJ1	239.5082	Before	Interior Girder 1	14.5082	0.95	1	1	4.4025
HL93_serv_inv	BOBJ1	239.5082	Before	Interior Girder 2	14.5082	0.95	1	1	4.402501
HL93_serv_inv	BOBJ1	239.5082	Before	Right Exterior Girder	14.5082	0.95	1	1	4.531385
HL93_serv_inv	BOBJ1	239.5082	After	Left Exterior Girder	14.5082	0.95	1	1	3.108245
HL93_serv_inv	BOBJ1	239.5082	After	Interior Girder 1	14.5082	0.95	1	1	3.020088
HL93_serv_inv	BOBJ1	239.5082	After	Interior Girder 2	14.5082	0.95	1	1	3.020088
HL93_serv_inv	BOBJ1	239.5082	After	Right Exterior Girder	14.5082	0.95	1	1	3.108245
HL93_serv_inv	BOBJ1	247.9	Before	Left Exterior Girder	22.9	0.95	1	1	4.507823
HL93_serv_inv	BOBJ1	247.9	Before	Interior Girder 1	22.9	0.95	1	1	4.399507
HL93_serv_inv	BOBJ1	247.9	Before	Interior Girder 2	22.9	0.95	1	1	4.399507
HL93_serv_inv	BOBJ1	247.9	Before	Right Exterior Girder	22.9	0.95	1	1	4.507823
HL93_serv_inv	BOBJ1	247.9	After	Left Exterior Girder	22.9	0.95	1	1	4.421292
HL93_serv_inv	BOBJ1	247.9	After	Interior Girder 1	22.9	0.95	1	1	4.393751
HL93_serv_inv	BOBJ1	247.9	After	Interior Girder 2	22.9	0.95	1	1	4.393751
HL93_serv_inv	BOBJ1	247.9	After	Right Exterior Girder	22.9	0.95	1	1	4.421292
HL93_serv_inv	BOBJ1	258.5189	Before	Left Exterior Girder	33.5189	0.95	1	1	6.539263
HL93_serv_inv	BOBJ1	258.5189	Before	Interior Girder 1	33.5189	0.95	1	1	6.323894
HL93_serv_inv	BOBJ1	258.5189	Before	Interior Girder 2	33.5189	0.95	1	1	6.323894
HL93_serv_inv	BOBJ1	258.5189	Before	Right Exterior Girder	33.5189	0.95	1	1	6.539263
HL93_serv_inv	BOBJ1	258.5189	After	Left Exterior Girder	33.5189	0.95	1	1	4.505806
HL93_serv_inv	BOBJ1	258.5189	After	Interior Girder 1	33.5189	0.95	1	1	4.336819
HL93_serv_inv	BOBJ1	258.5189	After	Interior Girder 2	33.5189	0.95	1	1	4.336819
HL93_serv_inv	BOBJ1	258.5189	After	Right Exterior Girder	33.5189	0.95	1	1	4.505806
HL93_serv_inv	BOBJ1	259.3	Before	Left Exterior Girder	34.3	0.95	1	1	4.649351
HL93_serv_inv	BOBJ1	259.3	Before	Interior Girder 1	34.3	0.95	1	1	4.466176
HL93_serv_inv	BOBJ1	259.3	Before	Interior Girder 2	34.3	0.95	1	1	4.466176
HL93_serv_inv	BOBJ1	259.3	Before	Right Exterior Girder	34.3	0.95	1	1	4.649351
HL93_serv_inv	BOBJ1	259.3	After	Left Exterior Girder	34.3	0.95	1	1	4.645584
HL93_serv_inv	BOBJ1	259.3	After	Interior Girder 1	34.3	0.95	1	1	4.468312
HL93_serv_inv	BOBJ1	259.3	After	Interior Girder 2	34.3	0.95	1	1	4.468312
HL93_serv_inv	BOBJ1	259.3	After	Right Exterior Girder	34.3	0.95	1	1	4.645584
HL93_serv_inv	BOBJ1	266.1031	Before	Left Exterior Girder	41.1031	0.95	1	1	5.932233
HL93_serv_inv	BOBJ1	266.1031	Before	Interior Girder 1	41.1031	0.95	1	1	5.692406
HL93_serv_inv	BOBJ1	266.1031	Before	Interior Girder 2	41.1031	0.95	1	1	5.692406
HL93_serv_inv	BOBJ1	266.1031	Before	Right Exterior Girder	41.1031	0.95	1	1	5.932233
HL93_serv_inv	BOBJ1	266.1031	After	Left Exterior Girder	41.1031	0.95	1	1	3.193556
HL93_serv_inv	BOBJ1	266.1031	After	Interior Girder 1	41.1031	0.95	1	1	3.048466
HL93_serv_inv	BOBJ1	266.1031	After	Interior Girder 2	41.1031	0.95	1	1	3.048466
HL93_serv_inv	BOBJ1	266.1031	After	Right Exterior Girder	41.1031	0.95	1	1	3.193556

TABLE: Bridge Super Rating AASHTORATE18 26 - SteelINonCompServ-Flx - Main Span Girders									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
HL93_serv_inv	BOBJ1	270.7	Before	Left Exterior Girder	45.7	0.95	1	1	3.956687
HL93_serv_inv	BOBJ1	270.7	Before	Interior Girder 1	45.7	0.95	1	1	3.748404
HL93_serv_inv	BOBJ1	270.7	Before	Interior Girder 2	45.7	0.95	1	1	3.748404
HL93_serv_inv	BOBJ1	270.7	Before	Right Exterior Girder	45.7	0.95	1	1	3.956687
HL93_serv_inv	BOBJ1	270.7	After	Left Exterior Girder	45.7	0.95	1	1	3.940523
HL93_serv_inv	BOBJ1	270.7	After	Interior Girder 1	45.7	0.95	1	1	3.782309
HL93_serv_inv	BOBJ1	270.7	After	Interior Girder 2	45.7	0.95	1	1	3.782309
HL93_serv_inv	BOBJ1	270.7	After	Right Exterior Girder	45.7	0.95	1	1	3.940523
HL93_serv_inv	BOBJ1	273.6874	Before	Left Exterior Girder	48.6874	0.95	1	1	4.435341
HL93_serv_inv	BOBJ1	273.6874	Before	Interior Girder 1	48.6874	0.95	1	1	4.263739
HL93_serv_inv	BOBJ1	273.6874	Before	Interior Girder 2	48.6874	0.95	1	1	4.263739
HL93_serv_inv	BOBJ1	273.6874	Before	Right Exterior Girder	48.6874	0.95	1	1	4.435341
HL93_serv_inv	BOBJ1	273.6874	After	Left Exterior Girder	48.6874	0.95	1	1	1.893205
HL93_serv_inv	BOBJ1	273.6874	After	Interior Girder 1	48.6874	0.95	1	1	1.846062
HL93_serv_inv	BOBJ1	273.6874	After	Interior Girder 2	48.6874	0.95	1	1	1.846062
HL93_serv_inv	BOBJ1	273.6874	After	Right Exterior Girder	48.6874	0.95	1	1	1.893205
HL93_serv_inv	BOBJ1	282.15	Before	Left Exterior Girder	57.15	0.95	1	1	3.065473
HL93_serv_inv	BOBJ1	282.15	Before	Interior Girder 1	57.15	0.95	1	1	3.004141
HL93_serv_inv	BOBJ1	282.15	Before	Interior Girder 2	57.15	0.95	1	1	3.004141
HL93_serv_inv	BOBJ1	282.15	Before	Right Exterior Girder	57.15	0.95	1	1	3.065473
HL93_serv_inv	BOBJ1	282.15	After	Left Exterior Girder	57.15	0.95	1	1	3.059771
HL93_serv_inv	BOBJ1	282.15	After	Interior Girder 1	57.15	0.95	1	1	3.010467
HL93_serv_inv	BOBJ1	282.15	After	Interior Girder 2	57.15	0.95	1	1	3.010467
HL93_serv_inv	BOBJ1	282.15	After	Right Exterior Girder	57.15	0.95	1	1	3.059771
HL93_serv_inv	BOBJ1	293.6	Before	Left Exterior Girder	68.6	0.95	1	1	2.854404
HL93_serv_inv	BOBJ1	293.6	Before	Interior Girder 1	68.6	0.95	1	1	2.352777
HL93_serv_inv	BOBJ1	293.6	Before	Interior Girder 2	68.6	0.95	1	1	2.352777
HL93_serv_inv	BOBJ1	293.6	Before	Right Exterior Girder	68.6	0.95	1	1	2.854404
HL93_serv_inv	BOBJ1	293.6	After	Left Exterior Girder	68.6	0.95	1	1	2.856013
HL93_serv_inv	BOBJ1	293.6	After	Interior Girder 1	68.6	0.95	1	1	2.415302
HL93_serv_inv	BOBJ1	293.6	After	Interior Girder 2	68.6	0.95	1	1	2.415302
HL93_serv_inv	BOBJ1	293.6	After	Right Exterior Girder	68.6	0.95	1	1	2.856013
HL93_serv_inv	BOBJ1	305	Before	Left Exterior Girder	80	0.95	1	1	1.544812
HL93_serv_inv	BOBJ1	305	Before	Interior Girder 1	80	0.95	1	1	1.286501
HL93_serv_inv	BOBJ1	305	Before	Interior Girder 2	80	0.95	1	1	1.286501
HL93_serv_inv	BOBJ1	305	Before	Right Exterior Girder	80	0.95	1	1	1.544812
HL93_serv_inv	BOBJ1	305	After	Left Exterior Girder	80	0.95	1	1	1.545684
HL93_serv_inv	BOBJ1	305	After	Interior Girder 1	80	0.95	1	1	1.285908
HL93_serv_inv	BOBJ1	305	After	Interior Girder 2	80	0.95	1	1	1.285908
HL93_serv_inv	BOBJ1	305	After	Right Exterior Girder	80	0.95	1	1	1.545684
HL93_serv_inv	BOBJ1	306.9561	Before	Left Exterior Girder	81.9561	0.95	1	1	1.361491
HL93_serv_inv	BOBJ1	306.9561	Before	Interior Girder 1	81.9561	0.95	1	1	1.145738
HL93_serv_inv	BOBJ1	306.9561	Before	Interior Girder 2	81.9561	0.95	1	1	1.145738
HL93_serv_inv	BOBJ1	306.9561	Before	Right Exterior Girder	81.9561	0.95	1	1	1.361491
HL93_serv_inv	BOBJ1	306.9561	After	Left Exterior Girder	81.9561	0.95	1	1	3.56509
HL93_serv_inv	BOBJ1	306.9561	After	Interior Girder 1	81.9561	0.95	1	1	3.02989
HL93_serv_inv	BOBJ1	306.9561	After	Interior Girder 2	81.9561	0.95	1	1	3.02989
HL93_serv_inv	BOBJ1	306.9561	After	Right Exterior Girder	81.9561	0.95	1	1	3.56509
HL93_serv_inv	BOBJ1	316.4	Before	Left Exterior Girder	91.4	0.95	1	1	2.545593
HL93_serv_inv	BOBJ1	316.4	Before	Interior Girder 1	91.4	0.95	1	1	2.255338
HL93_serv_inv	BOBJ1	316.4	Before	Interior Girder 2	91.4	0.95	1	1	2.255338
HL93_serv_inv	BOBJ1	316.4	Before	Right Exterior Girder	91.4	0.95	1	1	2.545593
HL93_serv_inv	BOBJ1	316.4	After	Left Exterior Girder	91.4	0.95	1	1	2.590712
HL93_serv_inv	BOBJ1	316.4	After	Interior Girder 1	91.4	0.95	1	1	2.258048
HL93_serv_inv	BOBJ1	316.4	After	Interior Girder 2	91.4	0.95	1	1	2.258048
HL93_serv_inv	BOBJ1	316.4	After	Right Exterior Girder	91.4	0.95	1	1	2.590712
HL93_serv_inv	BOBJ1	327.85	Before	Left Exterior Girder	102.9679	0.95	1	1	1.809692
HL93_serv_inv	BOBJ1	327.85	Before	Interior Girder 1	102.9679	0.95	1	1	1.601509
HL93_serv_inv	BOBJ1	327.85	Before	Interior Girder 2	102.9679	0.95	1	1	1.601509
HL93_serv_inv	BOBJ1	327.85	Before	Right Exterior Girder	102.9679	0.95	1	1	1.809692
HL93_serv_inv	BOBJ1	327.85	After	Left Exterior Girder	102.9679	0.95	1	1	3.491069
HL93_serv_inv	BOBJ1	327.85	After	Interior Girder 1	102.9679	0.95	1	1	3.13929
HL93_serv_inv	BOBJ1	327.85	After	Interior Girder 2	102.9679	0.95	1	1	3.13929
HL93_serv_inv	BOBJ1	327.85	After	Right Exterior Girder	102.9679	0.95	1	1	3.491069
HL93_serv_inv	BOBJ1	339.3	Before	Left Exterior Girder	114.3	0.95	1	1	2.798909
HL93_serv_inv	BOBJ1	339.3	Before	Interior Girder 1	114.3	0.95	1	1	2.585181
HL93_serv_inv	BOBJ1	339.3	Before	Interior Girder 2	114.3	0.95	1	1	2.585181
HL93_serv_inv	BOBJ1	339.3	Before	Right Exterior Girder	114.3	0.95	1	1	2.798909
HL93_serv_inv	BOBJ1	339.3	After	Left Exterior Girder	114.3	0.95	1	1	2.824621
HL93_serv_inv	BOBJ1	339.3	After	Interior Girder 1	114.3	0.95	1	1	2.59077

TABLE: Bridge Super Rating AASHTORATE18 26 - SteelINonCompServ-Flx - Main Span Girders									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
HL93_serv_inv	BOBJ1	339.3	After	Interior Girder 2	114.3	0.95	1	1	2.59077
HL93_serv_inv	BOBJ1	339.3	After	Right Exterior Girder	114.3	0.95	1	1	2.824621
HL93_serv_inv	BOBJ1	350.7	Before	Left Exterior Girder	125.7	0.95	1	1	2.398407
HL93_serv_inv	BOBJ1	350.7	Before	Interior Girder 1	125.7	0.95	1	1	2.204964
HL93_serv_inv	BOBJ1	350.7	Before	Interior Girder 2	125.7	0.95	1	1	2.204964
HL93_serv_inv	BOBJ1	350.7	Before	Right Exterior Girder	125.7	0.95	1	1	2.398407
HL93_serv_inv	BOBJ1	350.7	After	Left Exterior Girder	125.7	0.95	1	1	2.397988
HL93_serv_inv	BOBJ1	350.7	After	Interior Girder 1	125.7	0.95	1	1	2.205257
HL93_serv_inv	BOBJ1	350.7	After	Interior Girder 2	125.7	0.95	1	1	2.205257
HL93_serv_inv	BOBJ1	350.7	After	Right Exterior Girder	125.7	0.95	1	1	2.397988
HL93_serv_inv	BOBJ1	362.1	Before	Left Exterior Girder	137.1	0.95	1	1	2.112327
HL93_serv_inv	BOBJ1	362.1	Before	Interior Girder 1	137.1	0.95	1	1	1.972764
HL93_serv_inv	BOBJ1	362.1	Before	Interior Girder 2	137.1	0.95	1	1	1.972764
HL93_serv_inv	BOBJ1	362.1	Before	Right Exterior Girder	137.1	0.95	1	1	2.112327
HL93_serv_inv	BOBJ1	362.1	After	Left Exterior Girder	137.1	0.95	1	1	2.124155
HL93_serv_inv	BOBJ1	362.1	After	Interior Girder 1	137.1	0.95	1	1	1.977035
HL93_serv_inv	BOBJ1	362.1	After	Interior Girder 2	137.1	0.95	1	1	1.977035
HL93_serv_inv	BOBJ1	362.1	After	Right Exterior Girder	137.1	0.95	1	1	2.124155
HL93_serv_inv	BOBJ1	373.55	Before	Left Exterior Girder	148.55	0.95	1	1	1.979578
HL93_serv_inv	BOBJ1	373.55	Before	Interior Girder 1	148.55	0.95	1	1	1.834407
HL93_serv_inv	BOBJ1	373.55	Before	Interior Girder 2	148.55	0.95	1	1	1.834407
HL93_serv_inv	BOBJ1	373.55	Before	Right Exterior Girder	148.55	0.95	1	1	1.979578
HL93_serv_inv	BOBJ1	373.55	After	Left Exterior Girder	148.55	0.95	1	1	1.979437
HL93_serv_inv	BOBJ1	373.55	After	Interior Girder 1	148.55	0.95	1	1	1.834912
HL93_serv_inv	BOBJ1	373.55	After	Interior Girder 2	148.55	0.95	1	1	1.834912
HL93_serv_inv	BOBJ1	373.55	After	Right Exterior Girder	148.55	0.95	1	1	1.979437
HL93_serv_inv	BOBJ1	385	Before	Left Exterior Girder	160	0.95	1	1	1.922398
HL93_serv_inv	BOBJ1	385	Before	Interior Girder 1	160	0.95	1	1	1.798735
HL93_serv_inv	BOBJ1	385	Before	Interior Girder 2	160	0.95	1	1	1.798735
HL93_serv_inv	BOBJ1	385	Before	Right Exterior Girder	160	0.95	1	1	1.922398
HL93_serv_inv	BOBJ1	385	After	Left Exterior Girder	160	0.95	1	1	1.922398
HL93_serv_inv	BOBJ1	385	After	Interior Girder 1	160	0.95	1	1	1.798735
HL93_serv_inv	BOBJ1	385	After	Interior Girder 2	160	0.95	1	1	1.798735
HL93_serv_inv	BOBJ1	385	After	Right Exterior Girder	160	0.95	1	1	1.922398
HL93_serv_inv	BOBJ1	396.45	Before	Left Exterior Girder	171.45	0.95	1	1	1.979438
HL93_serv_inv	BOBJ1	396.45	Before	Interior Girder 1	171.45	0.95	1	1	1.834909
HL93_serv_inv	BOBJ1	396.45	Before	Interior Girder 2	171.45	0.95	1	1	1.834909
HL93_serv_inv	BOBJ1	396.45	Before	Right Exterior Girder	171.45	0.95	1	1	1.979438
HL93_serv_inv	BOBJ1	396.45	After	Left Exterior Girder	171.45	0.95	1	1	1.979579
HL93_serv_inv	BOBJ1	396.45	After	Interior Girder 1	171.45	0.95	1	1	1.834404
HL93_serv_inv	BOBJ1	396.45	After	Interior Girder 2	171.45	0.95	1	1	1.834404
HL93_serv_inv	BOBJ1	396.45	After	Right Exterior Girder	171.45	0.95	1	1	1.979579
HL93_serv_inv	BOBJ1	407.9	Before	Left Exterior Girder	182.9	0.95	1	1	2.124159
HL93_serv_inv	BOBJ1	407.9	Before	Interior Girder 1	182.9	0.95	1	1	1.977035
HL93_serv_inv	BOBJ1	407.9	Before	Interior Girder 2	182.9	0.95	1	1	1.977035
HL93_serv_inv	BOBJ1	407.9	Before	Right Exterior Girder	182.9	0.95	1	1	2.124159
HL93_serv_inv	BOBJ1	407.9	After	Left Exterior Girder	182.9	0.95	1	1	2.11233
HL93_serv_inv	BOBJ1	407.9	After	Interior Girder 1	182.9	0.95	1	1	1.972763
HL93_serv_inv	BOBJ1	407.9	After	Interior Girder 2	182.9	0.95	1	1	1.972762
HL93_serv_inv	BOBJ1	407.9	After	Right Exterior Girder	182.9	0.95	1	1	2.11233
HL93_serv_inv	BOBJ1	419.3	Before	Left Exterior Girder	194.3	0.95	1	1	2.397992
HL93_serv_inv	BOBJ1	419.3	Before	Interior Girder 1	194.3	0.95	1	1	2.205256
HL93_serv_inv	BOBJ1	419.3	Before	Interior Girder 2	194.3	0.95	1	1	2.205256
HL93_serv_inv	BOBJ1	419.3	Before	Right Exterior Girder	194.3	0.95	1	1	2.397992
HL93_serv_inv	BOBJ1	419.3	After	Left Exterior Girder	194.3	0.95	1	1	2.398411
HL93_serv_inv	BOBJ1	419.3	After	Interior Girder 1	194.3	0.95	1	1	2.204957
HL93_serv_inv	BOBJ1	419.3	After	Interior Girder 2	194.3	0.95	1	1	2.204957
HL93_serv_inv	BOBJ1	419.3	After	Right Exterior Girder	194.3	0.95	1	1	2.39841
HL93_serv_inv	BOBJ1	430.7	Before	Left Exterior Girder	205.7	0.95	1	1	2.824626
HL93_serv_inv	BOBJ1	430.7	Before	Interior Girder 1	205.7	0.95	1	1	2.590766
HL93_serv_inv	BOBJ1	430.7	Before	Interior Girder 2	205.7	0.95	1	1	2.590766
HL93_serv_inv	BOBJ1	430.7	Before	Right Exterior Girder	205.7	0.95	1	1	2.824626
HL93_serv_inv	BOBJ1	430.7	After	Left Exterior Girder	205.7	0.95	1	1	2.798914
HL93_serv_inv	BOBJ1	430.7	After	Interior Girder 1	205.7	0.95	1	1	2.585177
HL93_serv_inv	BOBJ1	430.7	After	Interior Girder 2	205.7	0.95	1	1	2.585177
HL93_serv_inv	BOBJ1	430.7	After	Right Exterior Girder	205.7	0.95	1	1	2.798915
HL93_serv_inv	BOBJ1	442.15	Before	Left Exterior Girder	217.0321	0.95	1	1	3.484401
HL93_serv_inv	BOBJ1	442.15	Before	Interior Girder 1	217.0321	0.95	1	1	3.138365
HL93_serv_inv	BOBJ1	442.15	Before	Interior Girder 2	217.0321	0.95	1	1	3.138365
HL93_serv_inv	BOBJ1	442.15	Before	Right Exterior Girder	217.0321	0.95	1	1	3.484401

TABLE: Bridge Super Rating AASHTORATE18 26 - SteelINonCompServ-Flx - Main Span Girders									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
HL93_serv_inv	BOBJ1	442.15	After	Left Exterior Girder	217.0321	0.95	1	1	1.806673
HL93_serv_inv	BOBJ1	442.15	After	Interior Girder 1	217.0321	0.95	1	1	1.600565
HL93_serv_inv	BOBJ1	442.15	After	Interior Girder 2	217.0321	0.95	1	1	1.600565
HL93_serv_inv	BOBJ1	442.15	After	Right Exterior Girder	217.0321	0.95	1	1	1.806673
HL93_serv_inv	BOBJ1	453.6	Before	Left Exterior Girder	228.6	0.95	1	1	2.590715
HL93_serv_inv	BOBJ1	453.6	Before	Interior Girder 1	228.6	0.95	1	1	2.258064
HL93_serv_inv	BOBJ1	453.6	Before	Interior Girder 2	228.6	0.95	1	1	2.258064
HL93_serv_inv	BOBJ1	453.6	Before	Right Exterior Girder	228.6	0.95	1	1	2.590715
HL93_serv_inv	BOBJ1	453.6	After	Left Exterior Girder	228.6	0.95	1	1	2.545599
HL93_serv_inv	BOBJ1	453.6	After	Interior Girder 1	228.6	0.95	1	1	2.255331
HL93_serv_inv	BOBJ1	453.6	After	Interior Girder 2	228.6	0.95	1	1	2.255331
HL93_serv_inv	BOBJ1	453.6	After	Right Exterior Girder	228.6	0.95	1	1	2.545599
HL93_serv_inv	BOBJ1	463.0439	Before	Left Exterior Girder	238.0439	0.95	1	1	3.554578
HL93_serv_inv	BOBJ1	463.0439	Before	Interior Girder 1	238.0439	0.95	1	1	3.028908
HL93_serv_inv	BOBJ1	463.0439	Before	Interior Girder 2	238.0439	0.95	1	1	3.028908
HL93_serv_inv	BOBJ1	463.0439	Before	Right Exterior Girder	238.0439	0.95	1	1	3.554578
HL93_serv_inv	BOBJ1	463.0439	After	Left Exterior Girder	238.0439	0.95	1	1	1.357892
HL93_serv_inv	BOBJ1	463.0439	After	Interior Girder 1	238.0439	0.95	1	1	1.144898
HL93_serv_inv	BOBJ1	463.0439	After	Interior Girder 2	238.0439	0.95	1	1	1.144898
HL93_serv_inv	BOBJ1	463.0439	After	Right Exterior Girder	238.0439	0.95	1	1	1.357892
HL93_serv_inv	BOBJ1	465	Before	Left Exterior Girder	240	0.95	1	1	1.545727
HL93_serv_inv	BOBJ1	465	Before	Interior Girder 1	240	0.95	1	1	1.285909
HL93_serv_inv	BOBJ1	465	Before	Interior Girder 2	240	0.95	1	1	1.285909
HL93_serv_inv	BOBJ1	465	Before	Right Exterior Girder	240	0.95	1	1	1.545727
HL93_serv_inv	BOBJ1	465	After	Left Exterior Girder	240	0.95	1	1	1.544857
HL93_serv_inv	BOBJ1	465	After	Interior Girder 1	240	0.95	1	1	1.286501
HL93_serv_inv	BOBJ1	465	After	Interior Girder 2	240	0.95	1	1	1.286501
HL93_serv_inv	BOBJ1	465	After	Right Exterior Girder	240	0.95	1	1	1.544857
HL93_serv_inv	BOBJ1	476.4	Before	Left Exterior Girder	251.4	0.95	1	1	2.856015
HL93_serv_inv	BOBJ1	476.4	Before	Interior Girder 1	251.4	0.95	1	1	2.415293
HL93_serv_inv	BOBJ1	476.4	Before	Interior Girder 2	251.4	0.95	1	1	2.415293
HL93_serv_inv	BOBJ1	476.4	Before	Right Exterior Girder	251.4	0.95	1	1	2.856015
HL93_serv_inv	BOBJ1	476.4	After	Left Exterior Girder	251.4	0.95	1	1	2.854419
HL93_serv_inv	BOBJ1	476.4	After	Interior Girder 1	251.4	0.95	1	1	2.352788
HL93_serv_inv	BOBJ1	476.4	After	Interior Girder 2	251.4	0.95	1	1	2.352788
HL93_serv_inv	BOBJ1	476.4	After	Right Exterior Girder	251.4	0.95	1	1	2.854419
HL93_serv_inv	BOBJ1	487.85	Before	Left Exterior Girder	262.85	0.95	1	1	3.059755
HL93_serv_inv	BOBJ1	487.85	Before	Interior Girder 1	262.85	0.95	1	1	3.01047
HL93_serv_inv	BOBJ1	487.85	Before	Interior Girder 2	262.85	0.95	1	1	3.01047
HL93_serv_inv	BOBJ1	487.85	Before	Right Exterior Girder	262.85	0.95	1	1	3.059755
HL93_serv_inv	BOBJ1	487.85	After	Left Exterior Girder	262.85	0.95	1	1	3.065461
HL93_serv_inv	BOBJ1	487.85	After	Interior Girder 1	262.85	0.95	1	1	3.004146
HL93_serv_inv	BOBJ1	487.85	After	Interior Girder 2	262.85	0.95	1	1	3.004146
HL93_serv_inv	BOBJ1	487.85	After	Right Exterior Girder	262.85	0.95	1	1	3.065461
HL93_serv_inv	BOBJ1	496.3126	Before	Left Exterior Girder	271.3126	0.95	1	1	1.889956
HL93_serv_inv	BOBJ1	496.3126	Before	Interior Girder 1	271.3126	0.95	1	1	1.846648
HL93_serv_inv	BOBJ1	496.3126	Before	Interior Girder 2	271.3126	0.95	1	1	1.846648
HL93_serv_inv	BOBJ1	496.3126	Before	Right Exterior Girder	271.3126	0.95	1	1	1.889956
HL93_serv_inv	BOBJ1	496.3126	After	Left Exterior Girder	271.3126	0.95	1	1	4.427992
HL93_serv_inv	BOBJ1	496.3126	After	Interior Girder 1	271.3126	0.95	1	1	4.264829
HL93_serv_inv	BOBJ1	496.3126	After	Interior Girder 2	271.3126	0.95	1	1	4.264829
HL93_serv_inv	BOBJ1	496.3126	After	Right Exterior Girder	271.3126	0.95	1	1	4.427992
HL93_serv_inv	BOBJ1	499.3	Before	Left Exterior Girder	274.3	0.95	1	1	3.940517
HL93_serv_inv	BOBJ1	499.3	Before	Interior Girder 1	274.3	0.95	1	1	3.782314
HL93_serv_inv	BOBJ1	499.3	Before	Interior Girder 2	274.3	0.95	1	1	3.782314
HL93_serv_inv	BOBJ1	499.3	Before	Right Exterior Girder	274.3	0.95	1	1	3.940517
HL93_serv_inv	BOBJ1	499.3	After	Left Exterior Girder	274.3	0.95	1	1	3.956682
HL93_serv_inv	BOBJ1	499.3	After	Interior Girder 1	274.3	0.95	1	1	3.748411
HL93_serv_inv	BOBJ1	499.3	After	Interior Girder 2	274.3	0.95	1	1	3.748411
HL93_serv_inv	BOBJ1	499.3	After	Right Exterior Girder	274.3	0.95	1	1	3.956682
HL93_serv_inv	BOBJ1	503.8969	Before	Left Exterior Girder	278.8969	0.95	1	1	3.193555
HL93_serv_inv	BOBJ1	503.8969	Before	Interior Girder 1	278.8969	0.95	1	1	3.048469
HL93_serv_inv	BOBJ1	503.8969	Before	Interior Girder 2	278.8969	0.95	1	1	3.048469
HL93_serv_inv	BOBJ1	503.8969	Before	Right Exterior Girder	278.8969	0.95	1	1	3.193555
HL93_serv_inv	BOBJ1	503.8969	After	Left Exterior Girder	278.8969	0.95	1	1	5.932232
HL93_serv_inv	BOBJ1	503.8969	After	Interior Girder 1	278.8969	0.95	1	1	5.692413
HL93_serv_inv	BOBJ1	503.8969	After	Interior Girder 2	278.8969	0.95	1	1	5.692413
HL93_serv_inv	BOBJ1	503.8969	After	Right Exterior Girder	278.8969	0.95	1	1	5.932232
HL93_serv_inv	BOBJ1	510.7	Before	Left Exterior Girder	285.7	0.95	1	1	4.645583
HL93_serv_inv	BOBJ1	510.7	Before	Interior Girder 1	285.7	0.95	1	1	4.468317

TABLE: Bridge Super Rating AASHTORATE18 26 - SteelINonCompServ-Flx - Main Span Girders									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
HL93_serv_inv	BOBJ1	510.7	Before	Interior Girder 2	285.7	0.95	1	1	4.468317
HL93_serv_inv	BOBJ1	510.7	Before	Right Exterior Girder	285.7	0.95	1	1	4.645583
HL93_serv_inv	BOBJ1	510.7	After	Left Exterior Girder	285.7	0.95	1	1	4.649346
HL93_serv_inv	BOBJ1	510.7	After	Interior Girder 1	285.7	0.95	1	1	4.466181
HL93_serv_inv	BOBJ1	510.7	After	Interior Girder 2	285.7	0.95	1	1	4.46618
HL93_serv_inv	BOBJ1	510.7	After	Right Exterior Girder	285.7	0.95	1	1	4.649346
HL93_serv_inv	BOBJ1	511.4811	Before	Left Exterior Girder	286.4811	0.95	1	1	4.50853
HL93_serv_inv	BOBJ1	511.4811	Before	Interior Girder 1	286.4811	0.95	1	1	4.33729
HL93_serv_inv	BOBJ1	511.4811	Before	Interior Girder 2	286.4811	0.95	1	1	4.33729
HL93_serv_inv	BOBJ1	511.4811	Before	Right Exterior Girder	286.4811	0.95	1	1	4.50853
HL93_serv_inv	BOBJ1	511.4811	After	Left Exterior Girder	286.4811	0.95	1	1	6.543682
HL93_serv_inv	BOBJ1	511.4811	After	Interior Girder 1	286.4811	0.95	1	1	6.324238
HL93_serv_inv	BOBJ1	511.4811	After	Interior Girder 2	286.4811	0.95	1	1	6.324238
HL93_serv_inv	BOBJ1	511.4811	After	Right Exterior Girder	286.4811	0.95	1	1	6.543682
HL93_serv_inv	BOBJ1	522.1	Before	Left Exterior Girder	297.1	0.95	1	1	4.42151
HL93_serv_inv	BOBJ1	522.1	Before	Interior Girder 1	297.1	0.95	1	1	4.394054
HL93_serv_inv	BOBJ1	522.1	Before	Interior Girder 2	297.1	0.95	1	1	4.394054
HL93_serv_inv	BOBJ1	522.1	Before	Right Exterior Girder	297.1	0.95	1	1	4.42151
HL93_serv_inv	BOBJ1	522.1	After	Left Exterior Girder	297.1	0.95	1	1	4.507994
HL93_serv_inv	BOBJ1	522.1	After	Interior Girder 1	297.1	0.95	1	1	4.399696
HL93_serv_inv	BOBJ1	522.1	After	Interior Girder 2	297.1	0.95	1	1	4.399696
HL93_serv_inv	BOBJ1	522.1	After	Right Exterior Girder	297.1	0.95	1	1	4.507994
HL93_serv_inv	BOBJ1	530.4918	Before	Left Exterior Girder	305.4918	0.95	1	1	3.108239
HL93_serv_inv	BOBJ1	530.4918	Before	Interior Girder 1	305.4918	0.95	1	1	3.02004
HL93_serv_inv	BOBJ1	530.4918	Before	Interior Girder 2	305.4918	0.95	1	1	3.02004
HL93_serv_inv	BOBJ1	530.4918	Before	Right Exterior Girder	305.4918	0.95	1	1	3.108239
HL93_serv_inv	BOBJ1	530.4918	After	Left Exterior Girder	305.4918	0.95	1	1	4.531358
HL93_serv_inv	BOBJ1	530.4918	After	Interior Girder 1	305.4918	0.95	1	1	4.402393
HL93_serv_inv	BOBJ1	530.4918	After	Interior Girder 2	305.4918	0.95	1	1	4.402394
HL93_serv_inv	BOBJ1	530.4918	After	Right Exterior Girder	305.4918	0.95	1	1	4.531357
HL93_serv_inv	BOBJ1	533.55	Before	Left Exterior Girder	308.55	0.95	1	1	4.016406
HL93_serv_inv	BOBJ1	533.55	Before	Interior Girder 1	308.55	0.95	1	1	3.874971
HL93_serv_inv	BOBJ1	533.55	Before	Interior Girder 2	308.55	0.95	1	1	3.874971
HL93_serv_inv	BOBJ1	533.55	Before	Right Exterior Girder	308.55	0.95	1	1	4.016406
HL93_serv_inv	BOBJ1	533.55	After	Left Exterior Girder	308.55	0.95	1	1	4.008912
HL93_serv_inv	BOBJ1	533.55	After	Interior Girder 1	308.55	0.95	1	1	3.876003
HL93_serv_inv	BOBJ1	533.55	After	Interior Girder 2	308.55	0.95	1	1	3.876004
HL93_serv_inv	BOBJ1	533.55	After	Right Exterior Girder	308.55	0.95	1	1	4.008912
HL93_serv_inv	BOBJ1	545	Before	Left Exterior Girder	320	0.95	1	1	2.473045
HL93_serv_inv	BOBJ1	545	Before	Interior Girder 1	320	0.95	1	1	2.263541
HL93_serv_inv	BOBJ1	545	Before	Interior Girder 2	320	0.95	1	1	2.263541
HL93_serv_inv	BOBJ1	545	Before	Right Exterior Girder	320	0.95	1	1	2.473045
HL93_serv_inv	BOBJ1	545	After	Left Exterior Girder	0	0.95	1	1	2.630776
HL93_serv_inv	BOBJ1	545	After	Interior Girder 1	0	0.95	1	1	2.290557
HL93_serv_inv	BOBJ1	545	After	Interior Girder 2	0	0.95	1	1	2.290557
HL93_serv_inv	BOBJ1	545	After	Right Exterior Girder	0	0.95	1	1	2.630776
HL93_serv_inv	BOBJ1	556.25	Before	Left Exterior Girder	11.25	0.95	1	1	4.022758
HL93_serv_inv	BOBJ1	556.25	Before	Interior Girder 1	11.25	0.95	1	1	3.617744
HL93_serv_inv	BOBJ1	556.25	Before	Interior Girder 2	11.25	0.95	1	1	3.617743
HL93_serv_inv	BOBJ1	556.25	Before	Right Exterior Girder	11.25	0.95	1	1	4.022758
HL93_serv_inv	BOBJ1	556.25	After	Left Exterior Girder	11.25	0.95	1	1	4.022995
HL93_serv_inv	BOBJ1	556.25	After	Interior Girder 1	11.25	0.95	1	1	3.618641
HL93_serv_inv	BOBJ1	556.25	After	Interior Girder 2	11.25	0.95	1	1	3.618641
HL93_serv_inv	BOBJ1	556.25	After	Right Exterior Girder	11.25	0.95	1	1	4.022995
HL93_serv_inv	BOBJ1	559.4358	Before	Left Exterior Girder	14.4358	0.95	1	1	4.474303
HL93_serv_inv	BOBJ1	559.4358	Before	Interior Girder 1	14.4358	0.95	1	1	4.058492
HL93_serv_inv	BOBJ1	559.4358	Before	Interior Girder 2	14.4358	0.95	1	1	4.058492
HL93_serv_inv	BOBJ1	559.4358	Before	Right Exterior Girder	14.4358	0.95	1	1	4.474303
HL93_serv_inv	BOBJ1	559.4358	After	Left Exterior Girder	14.4358	0.95	1	1	3.036688
HL93_serv_inv	BOBJ1	559.4358	After	Interior Girder 1	14.4358	0.95	1	1	2.745282
HL93_serv_inv	BOBJ1	559.4358	After	Interior Girder 2	14.4358	0.95	1	1	2.745282
HL93_serv_inv	BOBJ1	559.4358	After	Right Exterior Girder	14.4358	0.95	1	1	3.036688
HL93_serv_inv	BOBJ1	567.5	Before	Left Exterior Girder	22.5	0.95	1	1	4.131643
HL93_serv_inv	BOBJ1	567.5	Before	Interior Girder 1	22.5	0.95	1	1	3.663191
HL93_serv_inv	BOBJ1	567.5	Before	Interior Girder 2	22.5	0.95	1	1	3.663191
HL93_serv_inv	BOBJ1	567.5	Before	Right Exterior Girder	22.5	0.95	1	1	4.131643
HL93_serv_inv	BOBJ1	567.5	After	Left Exterior Girder	22.5	0.95	1	1	4.080517
HL93_serv_inv	BOBJ1	567.5	After	Interior Girder 1	22.5	0.95	1	1	3.665273
HL93_serv_inv	BOBJ1	567.5	After	Interior Girder 2	22.5	0.95	1	1	3.665273
HL93_serv_inv	BOBJ1	567.5	After	Right Exterior Girder	22.5	0.95	1	1	4.080517

TABLE: Bridge Super Rating AASHTORATE18 26 - SteelINonCompServ-Flx - Main Span Girders									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
HL93_serv_inv	BOBJ1	570.0586	Before	Left Exterior Girder	25.0586	0.95	1	1	4.440976
HL93_serv_inv	BOBJ1	570.0586	Before	Interior Girder 1	25.0586	0.95	1	1	3.97
HL93_serv_inv	BOBJ1	570.0586	Before	Interior Girder 2	25.0586	0.95	1	1	3.97
HL93_serv_inv	BOBJ1	570.0586	Before	Right Exterior Girder	25.0586	0.95	1	1	4.440976
HL93_serv_inv	BOBJ1	570.0586	After	Left Exterior Girder	25.0586	0.95	1	1	2.719293
HL93_serv_inv	BOBJ1	570.0586	After	Interior Girder 1	25.0586	0.95	1	1	2.429173
HL93_serv_inv	BOBJ1	570.0586	After	Interior Girder 2	25.0586	0.95	1	1	2.429173
HL93_serv_inv	BOBJ1	570.0586	After	Right Exterior Girder	25.0586	0.95	1	1	2.719293
HL93_serv_inv	BOBJ1	578.75	Before	Left Exterior Girder	33.75	0.95	1	1	3.674832
HL93_serv_inv	BOBJ1	578.75	Before	Interior Girder 1	33.75	0.95	1	1	3.350183
HL93_serv_inv	BOBJ1	578.75	Before	Interior Girder 2	33.75	0.95	1	1	3.350183
HL93_serv_inv	BOBJ1	578.75	Before	Right Exterior Girder	33.75	0.95	1	1	3.674832
HL93_serv_inv	BOBJ1	578.75	After	Left Exterior Girder	33.75	0.95	1	1	3.662806
HL93_serv_inv	BOBJ1	578.75	After	Interior Girder 1	33.75	0.95	1	1	3.355259
HL93_serv_inv	BOBJ1	578.75	After	Interior Girder 2	33.75	0.95	1	1	3.355259
HL93_serv_inv	BOBJ1	578.75	After	Right Exterior Girder	33.75	0.95	1	1	3.662806
HL93_serv_inv	BOBJ1	586.8142	Before	Left Exterior Girder	41.8142	0.95	1	1	4.601188
HL93_serv_inv	BOBJ1	586.8142	Before	Interior Girder 1	41.8142	0.95	1	1	4.28107
HL93_serv_inv	BOBJ1	586.8142	Before	Interior Girder 2	41.8142	0.95	1	1	4.28107
HL93_serv_inv	BOBJ1	586.8142	Before	Right Exterior Girder	41.8142	0.95	1	1	4.601188
HL93_serv_inv	BOBJ1	586.8142	After	Left Exterior Girder	41.8142	0.95	1	1	2.197688
HL93_serv_inv	BOBJ1	586.8142	After	Interior Girder 1	41.8142	0.95	1	1	2.050058
HL93_serv_inv	BOBJ1	586.8142	After	Interior Girder 2	41.8142	0.95	1	1	2.050058
HL93_serv_inv	BOBJ1	586.8142	After	Right Exterior Girder	41.8142	0.95	1	1	2.197688
HL93_serv_inv	BOBJ1	590	Before	Left Exterior Girder	45	0.95	1	1	2.504218
HL93_serv_inv	BOBJ1	590	Before	Interior Girder 1	45	0.95	1	1	2.350417
HL93_serv_inv	BOBJ1	590	Before	Interior Girder 2	45	0.95	1	1	2.350417
HL93_serv_inv	BOBJ1	590	Before	Right Exterior Girder	45	0.95	1	1	2.504218
HL93_serv_inv	BOBJ1	590	After	Left Exterior Girder	45	0.95	1	1	2.492184
HL93_serv_inv	BOBJ1	590	After	Interior Girder 1	45	0.95	1	1	2.368177
HL93_serv_inv	BOBJ1	590	After	Interior Girder 2	45	0.95	1	1	2.368177
HL93_serv_inv	BOBJ1	590	After	Right Exterior Girder	45	0.95	1	1	2.492184
HL93_serv_inv	BOBJ1	601.25	Before	Left Exterior Girder	56.25	0.95	1	1	3.594008
HL93_serv_inv	BOBJ1	601.25	Before	Interior Girder 1	56.25	0.95	1	1	3.454546
HL93_serv_inv	BOBJ1	601.25	Before	Interior Girder 2	56.25	0.95	1	1	3.454546
HL93_serv_inv	BOBJ1	601.25	Before	Right Exterior Girder	56.25	0.95	1	1	3.594008
HL93_serv_inv	BOBJ1	601.25	After	Left Exterior Girder	56.25	0.95	1	1	3.588185
HL93_serv_inv	BOBJ1	601.25	After	Interior Girder 1	56.25	0.95	1	1	3.459862
HL93_serv_inv	BOBJ1	601.25	After	Interior Girder 2	56.25	0.95	1	1	3.459862
HL93_serv_inv	BOBJ1	601.25	After	Right Exterior Girder	56.25	0.95	1	1	3.588185
HL93_serv_inv	BOBJ1	601.7478	Before	Left Exterior Girder	56.7478	0.95	1	1	3.636753
HL93_serv_inv	BOBJ1	601.7478	Before	Interior Girder 1	56.7478	0.95	1	1	3.508271
HL93_serv_inv	BOBJ1	601.7478	Before	Interior Girder 2	56.7478	0.95	1	1	3.508271
HL93_serv_inv	BOBJ1	601.7478	Before	Right Exterior Girder	56.7478	0.95	1	1	3.636753
HL93_serv_inv	BOBJ1	601.7478	After	Left Exterior Girder	56.7478	0.95	1	1	1.445795
HL93_serv_inv	BOBJ1	601.7478	After	Interior Girder 1	56.7478	0.95	1	1	1.406172
HL93_serv_inv	BOBJ1	601.7478	After	Interior Girder 2	56.7478	0.95	1	1	1.406172
HL93_serv_inv	BOBJ1	601.7478	After	Right Exterior Girder	56.7478	0.95	1	1	1.445795
HL93_serv_inv	BOBJ1	612.5	Before	Left Exterior Girder	67.5	0.95	1	1	2.336356
HL93_serv_inv	BOBJ1	612.5	Before	Interior Girder 1	67.5	0.95	1	1	2.288763
HL93_serv_inv	BOBJ1	612.5	Before	Interior Girder 2	67.5	0.95	1	1	2.288763
HL93_serv_inv	BOBJ1	612.5	Before	Right Exterior Girder	67.5	0.95	1	1	2.336356
HL93_serv_inv	BOBJ1	612.5	After	Left Exterior Girder	67.5	0.95	1	1	2.312968
HL93_serv_inv	BOBJ1	612.5	After	Interior Girder 1	67.5	0.95	1	1	2.279521
HL93_serv_inv	BOBJ1	612.5	After	Interior Girder 2	67.5	0.95	1	1	2.279521
HL93_serv_inv	BOBJ1	612.5	After	Right Exterior Girder	67.5	0.95	1	1	2.312968
HL93_serv_inv	BOBJ1	623.75	Before	Left Exterior Girder	78.75	0.95	1	1	2.732209
HL93_serv_inv	BOBJ1	623.75	Before	Interior Girder 1	78.75	0.95	1	1	2.345047
HL93_serv_inv	BOBJ1	623.75	Before	Interior Girder 2	78.75	0.95	1	1	2.345047
HL93_serv_inv	BOBJ1	623.75	Before	Right Exterior Girder	78.75	0.95	1	1	2.732209
HL93_serv_inv	BOBJ1	623.75	After	Left Exterior Girder	78.75	0.95	1	1	2.735755
HL93_serv_inv	BOBJ1	623.75	After	Interior Girder 1	78.75	0.95	1	1	2.343379
HL93_serv_inv	BOBJ1	623.75	After	Interior Girder 2	78.75	0.95	1	1	2.343379
HL93_serv_inv	BOBJ1	623.75	After	Right Exterior Girder	78.75	0.95	1	1	2.735755
HL93_serv_inv	BOBJ1	635	Before	Left Exterior Girder	90	0.95	1	1	1.904714
HL93_serv_inv	BOBJ1	635	Before	Interior Girder 1	90	0.95	1	1	1.707478
HL93_serv_inv	BOBJ1	635	Before	Interior Girder 2	90	0.95	1	1	1.707478
HL93_serv_inv	BOBJ1	635	Before	Right Exterior Girder	90	0.95	1	1	1.904714
HL93_serv_inv	BOBJ1	635	After	Left Exterior Girder	90	0.95	1	1	1.938406
HL93_serv_inv	BOBJ1	635	After	Interior Girder 1	90	0.95	1	1	1.717255

TABLE: Bridge Super Rating AASHTORATE18 26 - SteelINonCompServ-Flx - Main Span Girders									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
HL93_serv_inv	BOBJ1	635	After	Interior Girder 2	90	0.95	1	1	1.717255
HL93_serv_inv	BOBJ1	635	After	Right Exterior Girder	90	0.95	1	1	1.938406
HL93_serv_inv	BOBJ1	643.5619	Before	Left Exterior Girder	98.5619	0.95	1	1	1.516528
HL93_serv_inv	BOBJ1	643.5619	Before	Interior Girder 1	98.5619	0.95	1	1	1.358603
HL93_serv_inv	BOBJ1	643.5619	Before	Interior Girder 2	98.5619	0.95	1	1	1.358603
HL93_serv_inv	BOBJ1	643.5619	Before	Right Exterior Girder	98.5619	0.95	1	1	1.516528
HL93_serv_inv	BOBJ1	643.5619	After	Left Exterior Girder	98.5619	0.95	1	1	2.871477
HL93_serv_inv	BOBJ1	643.5619	After	Interior Girder 1	98.5619	0.95	1	1	2.565515
HL93_serv_inv	BOBJ1	643.5619	After	Interior Girder 2	98.5619	0.95	1	1	2.565515
HL93_serv_inv	BOBJ1	643.5619	After	Right Exterior Girder	98.5619	0.95	1	1	2.871477
HL93_serv_inv	BOBJ1	646.25	Before	Left Exterior Girder	101.25	0.95	1	1	2.732685
HL93_serv_inv	BOBJ1	646.25	Before	Interior Girder 1	101.25	0.95	1	1	2.453079
HL93_serv_inv	BOBJ1	646.25	Before	Interior Girder 2	101.25	0.95	1	1	2.453079
HL93_serv_inv	BOBJ1	646.25	Before	Right Exterior Girder	101.25	0.95	1	1	2.732685
HL93_serv_inv	BOBJ1	646.25	After	Left Exterior Girder	101.25	0.95	1	1	2.731961
HL93_serv_inv	BOBJ1	646.25	After	Interior Girder 1	101.25	0.95	1	1	2.454029
HL93_serv_inv	BOBJ1	646.25	After	Interior Girder 2	101.25	0.95	1	1	2.454029
HL93_serv_inv	BOBJ1	646.25	After	Right Exterior Girder	101.25	0.95	1	1	2.731961
HL93_serv_inv	BOBJ1	657.5	Before	Left Exterior Girder	112.5	0.95	1	1	2.278878
HL93_serv_inv	BOBJ1	657.5	Before	Interior Girder 1	112.5	0.95	1	1	2.099526
HL93_serv_inv	BOBJ1	657.5	Before	Interior Girder 2	112.5	0.95	1	1	2.099525
HL93_serv_inv	BOBJ1	657.5	Before	Right Exterior Girder	112.5	0.95	1	1	2.278878
HL93_serv_inv	BOBJ1	657.5	After	Left Exterior Girder	112.5	0.95	1	1	2.291488
HL93_serv_inv	BOBJ1	657.5	After	Interior Girder 1	112.5	0.95	1	1	2.101923
HL93_serv_inv	BOBJ1	657.5	After	Interior Girder 2	112.5	0.95	1	1	2.101923
HL93_serv_inv	BOBJ1	657.5	After	Right Exterior Girder	112.5	0.95	1	1	2.291488
HL93_serv_inv	BOBJ1	668.75	Before	Left Exterior Girder	123.75	0.95	1	1	2.029128
HL93_serv_inv	BOBJ1	668.75	Before	Interior Girder 1	123.75	0.95	1	1	1.862557
HL93_serv_inv	BOBJ1	668.75	Before	Interior Girder 2	123.75	0.95	1	1	1.862557
HL93_serv_inv	BOBJ1	668.75	Before	Right Exterior Girder	123.75	0.95	1	1	2.029128
HL93_serv_inv	BOBJ1	668.75	After	Left Exterior Girder	123.75	0.95	1	1	2.031054
HL93_serv_inv	BOBJ1	668.75	After	Interior Girder 1	123.75	0.95	1	1	1.863818
HL93_serv_inv	BOBJ1	668.75	After	Interior Girder 2	123.75	0.95	1	1	1.863818
HL93_serv_inv	BOBJ1	668.75	After	Right Exterior Girder	123.75	0.95	1	1	2.031054
HL93_serv_inv	BOBJ1	680	Before	Left Exterior Girder	135	0.95	1	1	1.878078
HL93_serv_inv	BOBJ1	680	Before	Interior Girder 1	135	0.95	1	1	1.747787
HL93_serv_inv	BOBJ1	680	Before	Interior Girder 2	135	0.95	1	1	1.747787
HL93_serv_inv	BOBJ1	680	Before	Right Exterior Girder	135	0.95	1	1	1.878078
HL93_serv_inv	BOBJ1	680	After	Left Exterior Girder	135	0.95	1	1	1.875485
HL93_serv_inv	BOBJ1	680	After	Interior Girder 1	135	0.95	1	1	1.746857
HL93_serv_inv	BOBJ1	680	After	Interior Girder 2	135	0.95	1	1	1.746857
HL93_serv_inv	BOBJ1	680	After	Right Exterior Girder	135	0.95	1	1	1.875485
HL93_serv_inv	BOBJ1	691.25	Before	Left Exterior Girder	146.25	0.95	1	1	1.857919
HL93_serv_inv	BOBJ1	691.25	Before	Interior Girder 1	146.25	0.95	1	1	1.71362
HL93_serv_inv	BOBJ1	691.25	Before	Interior Girder 2	146.25	0.95	1	1	1.71362
HL93_serv_inv	BOBJ1	691.25	Before	Right Exterior Girder	146.25	0.95	1	1	1.857919
HL93_serv_inv	BOBJ1	691.25	After	Left Exterior Girder	146.25	0.95	1	1	1.85806
HL93_serv_inv	BOBJ1	691.25	After	Interior Girder 1	146.25	0.95	1	1	1.714249
HL93_serv_inv	BOBJ1	691.25	After	Interior Girder 2	146.25	0.95	1	1	1.71425
HL93_serv_inv	BOBJ1	691.25	After	Right Exterior Girder	146.25	0.95	1	1	1.85806
HL93_serv_inv	BOBJ1	702.5	Before	Left Exterior Girder	157.5	0.95	1	1	1.950421
HL93_serv_inv	BOBJ1	702.5	Before	Interior Girder 1	157.5	0.95	1	1	1.803273
HL93_serv_inv	BOBJ1	702.5	Before	Interior Girder 2	157.5	0.95	1	1	1.803273
HL93_serv_inv	BOBJ1	702.5	Before	Right Exterior Girder	157.5	0.95	1	1	1.950421
HL93_serv_inv	BOBJ1	702.5	After	Left Exterior Girder	157.5	0.95	1	1	1.929649
HL93_serv_inv	BOBJ1	702.5	After	Interior Girder 1	157.5	0.95	1	1	1.795076
HL93_serv_inv	BOBJ1	702.5	After	Interior Girder 2	157.5	0.95	1	1	1.795076
HL93_serv_inv	BOBJ1	702.5	After	Right Exterior Girder	157.5	0.95	1	1	1.929649
HL93_serv_inv	BOBJ1	713.75	Before	Left Exterior Girder	168.75	0.95	1	1	2.201442
HL93_serv_inv	BOBJ1	713.75	Before	Interior Girder 1	168.75	0.95	1	1	2.000912
HL93_serv_inv	BOBJ1	713.75	Before	Interior Girder 2	168.75	0.95	1	1	2.000912
HL93_serv_inv	BOBJ1	713.75	Before	Right Exterior Girder	168.75	0.95	1	1	2.201442
HL93_serv_inv	BOBJ1	713.75	After	Left Exterior Girder	168.75	0.95	1	1	2.199589
HL93_serv_inv	BOBJ1	713.75	After	Interior Girder 1	168.75	0.95	1	1	2.003022
HL93_serv_inv	BOBJ1	713.75	After	Interior Girder 2	168.75	0.95	1	1	2.003022
HL93_serv_inv	BOBJ1	713.75	After	Right Exterior Girder	168.75	0.95	1	1	2.199588
HL93_serv_inv	BOBJ1	725	Before	Left Exterior Girder	180	0.95	1	1	2.698747
HL93_serv_inv	BOBJ1	725	Before	Interior Girder 1	180	0.95	1	1	2.408819
HL93_serv_inv	BOBJ1	725	Before	Interior Girder 2	180	0.95	1	1	2.408819
HL93_serv_inv	BOBJ1	725	Before	Right Exterior Girder	180	0.95	1	1	2.698747

TABLE: Bridge Super Rating AASHTORATE18 26 - SteelINonCompServ-Flx - Main Span Girders									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
HL93_serv_inv	BOBJ1	725	After	Left Exterior Girder	180	0.95	1	1	2.658251
HL93_serv_inv	BOBJ1	725	After	Interior Girder 1	180	0.95	1	1	2.415708
HL93_serv_inv	BOBJ1	725	After	Interior Girder 2	180	0.95	1	1	2.415708
HL93_serv_inv	BOBJ1	725	After	Right Exterior Girder	180	0.95	1	1	2.658251
HL93_serv_inv	BOBJ1	731.1726	Before	Left Exterior Girder	186.1726	0.95	1	1	3.118556
HL93_serv_inv	BOBJ1	731.1726	Before	Interior Girder 1	186.1726	0.95	1	1	2.752778
HL93_serv_inv	BOBJ1	731.1726	Before	Interior Girder 2	186.1726	0.95	1	1	2.752778
HL93_serv_inv	BOBJ1	731.1726	Before	Right Exterior Girder	186.1726	0.95	1	1	3.118556
HL93_serv_inv	BOBJ1	731.1726	After	Left Exterior Girder	186.1726	0.95	1	1	1.338561
HL93_serv_inv	BOBJ1	731.1726	After	Interior Girder 1	186.1726	0.95	1	1	1.179548
HL93_serv_inv	BOBJ1	731.1726	After	Interior Girder 2	186.1726	0.95	1	1	1.179548
HL93_serv_inv	BOBJ1	731.1726	After	Right Exterior Girder	186.1726	0.95	1	1	1.338561
HL93_serv_inv	BOBJ1	736.25	Before	Left Exterior Girder	191.25	0.95	1	1	1.655122
HL93_serv_inv	BOBJ1	736.25	Before	Interior Girder 1	191.25	0.95	1	1	1.407332
HL93_serv_inv	BOBJ1	736.25	Before	Interior Girder 2	191.25	0.95	1	1	1.407332
HL93_serv_inv	BOBJ1	736.25	Before	Right Exterior Girder	191.25	0.95	1	1	1.655122
HL93_serv_inv	BOBJ1	736.25	After	Left Exterior Girder	191.25	0.95	1	1	1.649757
HL93_serv_inv	BOBJ1	736.25	After	Interior Girder 1	191.25	0.95	1	1	1.408292
HL93_serv_inv	BOBJ1	736.25	After	Interior Girder 2	191.25	0.95	1	1	1.408292
HL93_serv_inv	BOBJ1	736.25	After	Right Exterior Girder	191.25	0.95	1	1	1.649757
HL93_serv_inv	BOBJ1	747.5	Before	Left Exterior Girder	202.5	0.95	1	1	2.905075
HL93_serv_inv	BOBJ1	747.5	Before	Interior Girder 1	202.5	0.95	1	1	2.32102
HL93_serv_inv	BOBJ1	747.5	Before	Interior Girder 2	202.5	0.95	1	1	2.32102
HL93_serv_inv	BOBJ1	747.5	Before	Right Exterior Girder	202.5	0.95	1	1	2.905075
HL93_serv_inv	BOBJ1	747.5	After	Left Exterior Girder	202.5	0.95	1	1	2.796366
HL93_serv_inv	BOBJ1	747.5	After	Interior Girder 1	202.5	0.95	1	1	2.311326
HL93_serv_inv	BOBJ1	747.5	After	Interior Girder 2	202.5	0.95	1	1	2.311326
HL93_serv_inv	BOBJ1	747.5	After	Right Exterior Girder	202.5	0.95	1	1	2.796365
HL93_serv_inv	BOBJ1	758.75	Before	Left Exterior Girder	213.75	0.95	1	1	6.69303
HL93_serv_inv	BOBJ1	758.75	Before	Interior Girder 1	213.75	0.95	1	1	4.928466
HL93_serv_inv	BOBJ1	758.75	Before	Interior Girder 2	213.75	0.95	1	1	4.928466
HL93_serv_inv	BOBJ1	758.75	Before	Right Exterior Girder	213.75	0.95	1	1	6.693028
HL93_serv_inv	BOBJ1	758.75	After	Left Exterior Girder	213.75	0.95	1	1	6.684406
HL93_serv_inv	BOBJ1	758.75	After	Interior Girder 1	213.75	0.95	1	1	4.881114
HL93_serv_inv	BOBJ1	758.75	After	Interior Girder 2	213.75	0.95	1	1	4.881114
HL93_serv_inv	BOBJ1	758.75	After	Right Exterior Girder	213.75	0.95	1	1	6.684404
HL93_serv_inv	BOBJ1	770	Before	Left Exterior Girder	225	0.95	1	1	129.111661
HL93_serv_inv	BOBJ1	770	Before	Interior Girder 1	225	0.95	1	1	107.147056
HL93_serv_inv	BOBJ1	770	Before	Interior Girder 2	225	0.95	1	1	107.146665
HL93_serv_inv	BOBJ1	770	Before	Right Exterior Girder	225	0.95	1	1	129.112366
HS20_serv_opr	BOBJ1	0	After	Left Exterior Girder	0	0.95	1	1	291.883769
HS20_serv_opr	BOBJ1	0	After	Interior Girder 1	0	0.95	1	1	242.44096
HS20_serv_opr	BOBJ1	0	After	Interior Girder 2	0	0.95	1	1	242.440691
HS20_serv_opr	BOBJ1	0	After	Right Exterior Girder	0	0.95	1	1	291.88376
HS20_serv_opr	BOBJ1	11.25	Before	Left Exterior Girder	11.25	0.95	1	1	14.109507
HS20_serv_opr	BOBJ1	11.25	Before	Interior Girder 1	11.25	0.95	1	1	9.349469
HS20_serv_opr	BOBJ1	11.25	Before	Interior Girder 2	11.25	0.95	1	1	9.34947
HS20_serv_opr	BOBJ1	11.25	Before	Right Exterior Girder	11.25	0.95	1	1	14.109506
HS20_serv_opr	BOBJ1	11.25	After	Left Exterior Girder	11.25	0.95	1	1	14.155367
HS20_serv_opr	BOBJ1	11.25	After	Interior Girder 1	11.25	0.95	1	1	9.474249
HS20_serv_opr	BOBJ1	11.25	After	Interior Girder 2	11.25	0.95	1	1	9.47425
HS20_serv_opr	BOBJ1	11.25	After	Right Exterior Girder	11.25	0.95	1	1	14.155366
HS20_serv_opr	BOBJ1	22.5	Before	Left Exterior Girder	22.5	0.95	1	1	6.009157
HS20_serv_opr	BOBJ1	22.5	Before	Interior Girder 1	22.5	0.95	1	1	4.553013
HS20_serv_opr	BOBJ1	22.5	Before	Interior Girder 2	22.5	0.95	1	1	4.553014
HS20_serv_opr	BOBJ1	22.5	Before	Right Exterior Girder	22.5	0.95	1	1	6.009156
HS20_serv_opr	BOBJ1	22.5	After	Left Exterior Girder	22.5	0.95	1	1	6.26641
HS20_serv_opr	BOBJ1	22.5	After	Interior Girder 1	22.5	0.95	1	1	4.614264
HS20_serv_opr	BOBJ1	22.5	After	Interior Girder 2	22.5	0.95	1	1	4.614265
HS20_serv_opr	BOBJ1	22.5	After	Right Exterior Girder	22.5	0.95	1	1	6.26641
HS20_serv_opr	BOBJ1	33.75	Before	Left Exterior Girder	33.75	0.95	1	1	3.600347
HS20_serv_opr	BOBJ1	33.75	Before	Interior Girder 1	33.75	0.95	1	1	2.848717
HS20_serv_opr	BOBJ1	33.75	Before	Interior Girder 2	33.75	0.95	1	1	2.848717
HS20_serv_opr	BOBJ1	33.75	Before	Right Exterior Girder	33.75	0.95	1	1	3.600347
HS20_serv_opr	BOBJ1	33.75	After	Left Exterior Girder	33.75	0.95	1	1	3.610806
HS20_serv_opr	BOBJ1	33.75	After	Interior Girder 1	33.75	0.95	1	1	2.850094
HS20_serv_opr	BOBJ1	33.75	After	Interior Girder 2	33.75	0.95	1	1	2.850094
HS20_serv_opr	BOBJ1	33.75	After	Right Exterior Girder	33.75	0.95	1	1	3.610806
HS20_serv_opr	BOBJ1	38.8274	Before	Left Exterior Girder	38.8274	0.95	1	1	2.932918
HS20_serv_opr	BOBJ1	38.8274	Before	Interior Girder 1	38.8274	0.95	1	1	2.406193

TABLE: Bridge Super Rating AASHTORATE18 26 - SteelINonCompServ-Flx - Main Span Girders									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
HS20_serv_opr	BOBJ1	38.8274	Before	Interior Girder 2	38.8274	0.95	1	1	2.406193
HS20_serv_opr	BOBJ1	38.8274	Before	Right Exterior Girder	38.8274	0.95	1	1	2.932918
HS20_serv_opr	BOBJ1	38.8274	After	Left Exterior Girder	38.8274	0.95	1	1	6.828425
HS20_serv_opr	BOBJ1	38.8274	After	Interior Girder 1	38.8274	0.95	1	1	5.630522
HS20_serv_opr	BOBJ1	38.8274	After	Interior Girder 2	38.8274	0.95	1	1	5.630522
HS20_serv_opr	BOBJ1	38.8274	After	Right Exterior Girder	38.8274	0.95	1	1	6.828425
HS20_serv_opr	BOBJ1	45	Before	Left Exterior Girder	45	0.95	1	1	5.852171
HS20_serv_opr	BOBJ1	45	Before	Interior Girder 1	45	0.95	1	1	5.032644
HS20_serv_opr	BOBJ1	45	Before	Interior Girder 2	45	0.95	1	1	5.032644
HS20_serv_opr	BOBJ1	45	Before	Right Exterior Girder	45	0.95	1	1	5.852171
HS20_serv_opr	BOBJ1	45	After	Left Exterior Girder	45	0.95	1	1	5.928082
HS20_serv_opr	BOBJ1	45	After	Interior Girder 1	45	0.95	1	1	4.986141
HS20_serv_opr	BOBJ1	45	After	Interior Girder 2	45	0.95	1	1	4.986141
HS20_serv_opr	BOBJ1	45	After	Right Exterior Girder	45	0.95	1	1	5.928083
HS20_serv_opr	BOBJ1	56.25	Before	Left Exterior Girder	56.25	0.95	1	1	4.881424
HS20_serv_opr	BOBJ1	56.25	Before	Interior Girder 1	56.25	0.95	1	1	4.217475
HS20_serv_opr	BOBJ1	56.25	Before	Interior Girder 2	56.25	0.95	1	1	4.217475
HS20_serv_opr	BOBJ1	56.25	Before	Right Exterior Girder	56.25	0.95	1	1	4.881424
HS20_serv_opr	BOBJ1	56.25	After	Left Exterior Girder	56.25	0.95	1	1	4.88118
HS20_serv_opr	BOBJ1	56.25	After	Interior Girder 1	56.25	0.95	1	1	4.217345
HS20_serv_opr	BOBJ1	56.25	After	Interior Girder 2	56.25	0.95	1	1	4.217345
HS20_serv_opr	BOBJ1	56.25	After	Right Exterior Girder	56.25	0.95	1	1	4.88118
HS20_serv_opr	BOBJ1	67.5	Before	Left Exterior Girder	67.5	0.95	1	1	4.32042
HS20_serv_opr	BOBJ1	67.5	Before	Interior Girder 1	67.5	0.95	1	1	3.892565
HS20_serv_opr	BOBJ1	67.5	Before	Interior Girder 2	67.5	0.95	1	1	3.892564
HS20_serv_opr	BOBJ1	67.5	Before	Right Exterior Girder	67.5	0.95	1	1	4.320421
HS20_serv_opr	BOBJ1	67.5	After	Left Exterior Girder	67.5	0.95	1	1	4.360146
HS20_serv_opr	BOBJ1	67.5	After	Interior Girder 1	67.5	0.95	1	1	3.877486
HS20_serv_opr	BOBJ1	67.5	After	Interior Girder 2	67.5	0.95	1	1	3.877485
HS20_serv_opr	BOBJ1	67.5	After	Right Exterior Girder	67.5	0.95	1	1	4.360146
HS20_serv_opr	BOBJ1	78.75	Before	Left Exterior Girder	78.75	0.95	1	1	4.194156
HS20_serv_opr	BOBJ1	78.75	Before	Interior Girder 1	78.75	0.95	1	1	3.744091
HS20_serv_opr	BOBJ1	78.75	Before	Interior Girder 2	78.75	0.95	1	1	3.744091
HS20_serv_opr	BOBJ1	78.75	Before	Right Exterior Girder	78.75	0.95	1	1	4.194156
HS20_serv_opr	BOBJ1	78.75	After	Left Exterior Girder	78.75	0.95	1	1	4.191073
HS20_serv_opr	BOBJ1	78.75	After	Interior Girder 1	78.75	0.95	1	1	3.747449
HS20_serv_opr	BOBJ1	78.75	After	Interior Girder 2	78.75	0.95	1	1	3.747448
HS20_serv_opr	BOBJ1	78.75	After	Right Exterior Girder	78.75	0.95	1	1	4.191074
HS20_serv_opr	BOBJ1	90	Before	Left Exterior Girder	90	0.95	1	1	4.270822
HS20_serv_opr	BOBJ1	90	Before	Interior Girder 1	90	0.95	1	1	3.88571
HS20_serv_opr	BOBJ1	90	Before	Interior Girder 2	90	0.95	1	1	3.885709
HS20_serv_opr	BOBJ1	90	Before	Right Exterior Girder	90	0.95	1	1	4.270822
HS20_serv_opr	BOBJ1	90	After	Left Exterior Girder	90	0.95	1	1	4.273626
HS20_serv_opr	BOBJ1	90	After	Interior Girder 1	90	0.95	1	1	3.887444
HS20_serv_opr	BOBJ1	90	After	Interior Girder 2	90	0.95	1	1	3.887444
HS20_serv_opr	BOBJ1	90	After	Right Exterior Girder	90	0.95	1	1	4.273626
HS20_serv_opr	BOBJ1	101.25	Before	Left Exterior Girder	101.25	0.95	1	1	4.658511
HS20_serv_opr	BOBJ1	101.25	Before	Interior Girder 1	101.25	0.95	1	1	4.173002
HS20_serv_opr	BOBJ1	101.25	Before	Interior Girder 2	101.25	0.95	1	1	4.173002
HS20_serv_opr	BOBJ1	101.25	Before	Right Exterior Girder	101.25	0.95	1	1	4.658512
HS20_serv_opr	BOBJ1	101.25	After	Left Exterior Girder	101.25	0.95	1	1	4.652568
HS20_serv_opr	BOBJ1	101.25	After	Interior Girder 1	101.25	0.95	1	1	4.166728
HS20_serv_opr	BOBJ1	101.25	After	Interior Girder 2	101.25	0.95	1	1	4.166728
HS20_serv_opr	BOBJ1	101.25	After	Right Exterior Girder	101.25	0.95	1	1	4.652568
HS20_serv_opr	BOBJ1	112.5	Before	Left Exterior Girder	112.5	0.95	1	1	5.285031
HS20_serv_opr	BOBJ1	112.5	Before	Interior Girder 1	112.5	0.95	1	1	4.734735
HS20_serv_opr	BOBJ1	112.5	Before	Interior Girder 2	112.5	0.95	1	1	4.734735
HS20_serv_opr	BOBJ1	112.5	Before	Right Exterior Girder	112.5	0.95	1	1	5.285031
HS20_serv_opr	BOBJ1	112.5	After	Left Exterior Girder	112.5	0.95	1	1	5.250563
HS20_serv_opr	BOBJ1	112.5	After	Interior Girder 1	112.5	0.95	1	1	4.727684
HS20_serv_opr	BOBJ1	112.5	After	Interior Girder 2	112.5	0.95	1	1	4.727684
HS20_serv_opr	BOBJ1	112.5	After	Right Exterior Girder	112.5	0.95	1	1	5.250563
HS20_serv_opr	BOBJ1	123.75	Before	Left Exterior Girder	123.75	0.95	1	1	6.329062
HS20_serv_opr	BOBJ1	123.75	Before	Interior Girder 1	123.75	0.95	1	1	5.548478
HS20_serv_opr	BOBJ1	123.75	Before	Interior Girder 2	123.75	0.95	1	1	5.548479
HS20_serv_opr	BOBJ1	123.75	Before	Right Exterior Girder	123.75	0.95	1	1	6.329062
HS20_serv_opr	BOBJ1	123.75	After	Left Exterior Girder	123.75	0.95	1	1	6.332043
HS20_serv_opr	BOBJ1	123.75	After	Interior Girder 1	123.75	0.95	1	1	5.545723
HS20_serv_opr	BOBJ1	123.75	After	Interior Girder 2	123.75	0.95	1	1	5.545723
HS20_serv_opr	BOBJ1	123.75	After	Right Exterior Girder	123.75	0.95	1	1	6.332043

TABLE: Bridge Super Rating AASHTORATE18 26 - SteelNonCompServ-Flx - Main Span Girders									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
HS20_serv_opr	BOBJ1	126.4381	Before	Left Exterior Girder	126.4381	0.95	1	1	6.660739
HS20_serv_opr	BOBJ1	126.4381	Before	Interior Girder 1	126.4381	0.95	1	1	5.808242
HS20_serv_opr	BOBJ1	126.4381	Before	Interior Girder 2	126.4381	0.95	1	1	5.808243
HS20_serv_opr	BOBJ1	126.4381	Before	Right Exterior Girder	126.4381	0.95	1	1	6.660739
HS20_serv_opr	BOBJ1	126.4381	After	Left Exterior Girder	126.4381	0.95	1	1	3.519608
HS20_serv_opr	BOBJ1	126.4381	After	Interior Girder 1	126.4381	0.95	1	1	3.072449
HS20_serv_opr	BOBJ1	126.4381	After	Interior Girder 2	126.4381	0.95	1	1	3.072449
HS20_serv_opr	BOBJ1	126.4381	After	Right Exterior Girder	126.4381	0.95	1	1	3.519608
HS20_serv_opr	BOBJ1	135	Before	Left Exterior Girder	135	0.95	1	1	4.505909
HS20_serv_opr	BOBJ1	135	Before	Interior Girder 1	135	0.95	1	1	3.891491
HS20_serv_opr	BOBJ1	135	Before	Interior Girder 2	135	0.95	1	1	3.891491
HS20_serv_opr	BOBJ1	135	Before	Right Exterior Girder	135	0.95	1	1	4.505909
HS20_serv_opr	BOBJ1	135	After	Left Exterior Girder	135	0.95	1	1	4.42578
HS20_serv_opr	BOBJ1	135	After	Interior Girder 1	135	0.95	1	1	3.87092
HS20_serv_opr	BOBJ1	135	After	Interior Girder 2	135	0.95	1	1	3.87092
HS20_serv_opr	BOBJ1	135	After	Right Exterior Girder	135	0.95	1	1	4.42578
HS20_serv_opr	BOBJ1	146.25	Before	Left Exterior Girder	146.25	0.95	1	1	6.349455
HS20_serv_opr	BOBJ1	146.25	Before	Interior Girder 1	146.25	0.95	1	1	5.293352
HS20_serv_opr	BOBJ1	146.25	Before	Interior Girder 2	146.25	0.95	1	1	5.293352
HS20_serv_opr	BOBJ1	146.25	Before	Right Exterior Girder	146.25	0.95	1	1	6.349455
HS20_serv_opr	BOBJ1	146.25	After	Left Exterior Girder	146.25	0.95	1	1	6.343874
HS20_serv_opr	BOBJ1	146.25	After	Interior Girder 1	146.25	0.95	1	1	5.297004
HS20_serv_opr	BOBJ1	146.25	After	Interior Girder 2	146.25	0.95	1	1	5.297004
HS20_serv_opr	BOBJ1	146.25	After	Right Exterior Girder	146.25	0.95	1	1	6.343874
HS20_serv_opr	BOBJ1	157.5	Before	Left Exterior Girder	157.5	0.95	1	1	6.837598
HS20_serv_opr	BOBJ1	157.5	Before	Interior Girder 1	157.5	0.95	1	1	6.808843
HS20_serv_opr	BOBJ1	157.5	Before	Interior Girder 2	157.5	0.95	1	1	6.808842
HS20_serv_opr	BOBJ1	157.5	Before	Right Exterior Girder	157.5	0.95	1	1	6.837598
HS20_serv_opr	BOBJ1	157.5	After	Left Exterior Girder	157.5	0.95	1	1	6.897625
HS20_serv_opr	BOBJ1	157.5	After	Interior Girder 1	157.5	0.95	1	1	6.845159
HS20_serv_opr	BOBJ1	157.5	After	Interior Girder 2	157.5	0.95	1	1	6.845158
HS20_serv_opr	BOBJ1	157.5	After	Right Exterior Girder	157.5	0.95	1	1	6.897625
HS20_serv_opr	BOBJ1	168.2522	Before	Left Exterior Girder	168.2522	0.95	1	1	4.290006
HS20_serv_opr	BOBJ1	168.2522	Before	Interior Girder 1	168.2522	0.95	1	1	4.211665
HS20_serv_opr	BOBJ1	168.2522	Before	Interior Girder 2	168.2522	0.95	1	1	4.211665
HS20_serv_opr	BOBJ1	168.2522	Before	Right Exterior Girder	168.2522	0.95	1	1	4.290006
HS20_serv_opr	BOBJ1	168.2522	After	Left Exterior Girder	168.2522	0.95	1	1	10.786909
HS20_serv_opr	BOBJ1	168.2522	After	Interior Girder 1	168.2522	0.95	1	1	10.509714
HS20_serv_opr	BOBJ1	168.2522	After	Interior Girder 2	168.2522	0.95	1	1	10.509713
HS20_serv_opr	BOBJ1	168.2522	After	Right Exterior Girder	168.2522	0.95	1	1	10.786909
HS20_serv_opr	BOBJ1	168.75	Before	Left Exterior Girder	168.75	0.95	1	1	10.643527
HS20_serv_opr	BOBJ1	168.75	Before	Interior Girder 1	168.75	0.95	1	1	10.376771
HS20_serv_opr	BOBJ1	168.75	Before	Interior Girder 2	168.75	0.95	1	1	10.376771
HS20_serv_opr	BOBJ1	168.75	Before	Right Exterior Girder	168.75	0.95	1	1	10.643528
HS20_serv_opr	BOBJ1	168.75	After	Left Exterior Girder	168.75	0.95	1	1	10.657923
HS20_serv_opr	BOBJ1	168.75	After	Interior Girder 1	168.75	0.95	1	1	10.364083
HS20_serv_opr	BOBJ1	168.75	After	Interior Girder 2	168.75	0.95	1	1	10.364083
HS20_serv_opr	BOBJ1	168.75	After	Right Exterior Girder	168.75	0.95	1	1	10.657924
HS20_serv_opr	BOBJ1	180	Before	Left Exterior Girder	180	0.95	1	1	7.622053
HS20_serv_opr	BOBJ1	180	Before	Interior Girder 1	180	0.95	1	1	7.307346
HS20_serv_opr	BOBJ1	180	Before	Interior Girder 2	180	0.95	1	1	7.307346
HS20_serv_opr	BOBJ1	180	Before	Right Exterior Girder	180	0.95	1	1	7.622054
HS20_serv_opr	BOBJ1	180	After	Left Exterior Girder	180	0.95	1	1	7.586164
HS20_serv_opr	BOBJ1	180	After	Interior Girder 1	180	0.95	1	1	7.283936
HS20_serv_opr	BOBJ1	180	After	Interior Girder 2	180	0.95	1	1	7.283936
HS20_serv_opr	BOBJ1	180	After	Right Exterior Girder	180	0.95	1	1	7.586164
HS20_serv_opr	BOBJ1	183.1858	Before	Left Exterior Girder	183.1858	0.95	1	1	6.74189
HS20_serv_opr	BOBJ1	183.1858	Before	Interior Girder 1	183.1858	0.95	1	1	6.440405
HS20_serv_opr	BOBJ1	183.1858	Before	Interior Girder 2	183.1858	0.95	1	1	6.440405
HS20_serv_opr	BOBJ1	183.1858	Before	Right Exterior Girder	183.1858	0.95	1	1	6.74189
HS20_serv_opr	BOBJ1	183.1858	After	Left Exterior Girder	183.1858	0.95	1	1	14.113682
HS20_serv_opr	BOBJ1	183.1858	After	Interior Girder 1	183.1858	0.95	1	1	13.434636
HS20_serv_opr	BOBJ1	183.1858	After	Interior Girder 2	183.1858	0.95	1	1	13.434637
HS20_serv_opr	BOBJ1	183.1858	After	Right Exterior Girder	183.1858	0.95	1	1	14.113682
HS20_serv_opr	BOBJ1	191.25	Before	Left Exterior Girder	191.25	0.95	1	1	11.724561
HS20_serv_opr	BOBJ1	191.25	Before	Interior Girder 1	191.25	0.95	1	1	10.975035
HS20_serv_opr	BOBJ1	191.25	Before	Interior Girder 2	191.25	0.95	1	1	10.975035
HS20_serv_opr	BOBJ1	191.25	Before	Right Exterior Girder	191.25	0.95	1	1	11.724561
HS20_serv_opr	BOBJ1	191.25	After	Left Exterior Girder	191.25	0.95	1	1	11.749715
HS20_serv_opr	BOBJ1	191.25	After	Interior Girder 1	191.25	0.95	1	1	10.957859

TABLE: Bridge Super Rating AASHTORATE18 26 - SteelINonCompServ-Flx - Main Span Girders									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
HS20_serv_opr	BOBJ1	191.25	After	Interior Girder 2	191.25	0.95	1	1	10.95786
HS20_serv_opr	BOBJ1	191.25	After	Right Exterior Girder	191.25	0.95	1	1	11.749715
HS20_serv_opr	BOBJ1	199.9414	Before	Left Exterior Girder	199.9414	0.95	1	1	9.100911
HS20_serv_opr	BOBJ1	199.9414	Before	Interior Girder 1	199.9414	0.95	1	1	8.418419
HS20_serv_opr	BOBJ1	199.9414	Before	Interior Girder 2	199.9414	0.95	1	1	8.41842
HS20_serv_opr	BOBJ1	199.9414	Before	Right Exterior Girder	199.9414	0.95	1	1	9.100911
HS20_serv_opr	BOBJ1	199.9414	After	Left Exterior Girder	199.9414	0.95	1	1	14.88726
HS20_serv_opr	BOBJ1	199.9414	After	Interior Girder 1	199.9414	0.95	1	1	13.742213
HS20_serv_opr	BOBJ1	199.9414	After	Interior Girder 2	199.9414	0.95	1	1	13.742214
HS20_serv_opr	BOBJ1	199.9414	After	Right Exterior Girder	199.9414	0.95	1	1	14.88726
HS20_serv_opr	BOBJ1	202.5	Before	Left Exterior Girder	202.5	0.95	1	1	13.700092
HS20_serv_opr	BOBJ1	202.5	Before	Interior Girder 1	202.5	0.95	1	1	12.924745
HS20_serv_opr	BOBJ1	202.5	Before	Interior Girder 2	202.5	0.95	1	1	12.924746
HS20_serv_opr	BOBJ1	202.5	Before	Right Exterior Girder	202.5	0.95	1	1	13.700092
HS20_serv_opr	BOBJ1	202.5	After	Left Exterior Girder	202.5	0.95	1	1	14.054742
HS20_serv_opr	BOBJ1	202.5	After	Interior Girder 1	202.5	0.95	1	1	12.943686
HS20_serv_opr	BOBJ1	202.5	After	Interior Girder 2	202.5	0.95	1	1	12.943687
HS20_serv_opr	BOBJ1	202.5	After	Right Exterior Girder	202.5	0.95	1	1	14.054742
HS20_serv_opr	BOBJ1	210.5642	Before	Left Exterior Girder	210.5642	0.95	1	1	10.557787
HS20_serv_opr	BOBJ1	210.5642	Before	Interior Girder 1	210.5642	0.95	1	1	10.116726
HS20_serv_opr	BOBJ1	210.5642	Before	Interior Girder 2	210.5642	0.95	1	1	10.116726
HS20_serv_opr	BOBJ1	210.5642	Before	Right Exterior Girder	210.5642	0.95	1	1	10.557786
HS20_serv_opr	BOBJ1	210.5642	After	Left Exterior Girder	210.5642	0.95	1	1	15.605119
HS20_serv_opr	BOBJ1	210.5642	After	Interior Girder 1	210.5642	0.95	1	1	14.969408
HS20_serv_opr	BOBJ1	210.5642	After	Interior Girder 2	210.5642	0.95	1	1	14.969408
HS20_serv_opr	BOBJ1	210.5642	After	Right Exterior Girder	210.5642	0.95	1	1	15.605119
HS20_serv_opr	BOBJ1	213.75	Before	Left Exterior Girder	213.75	0.95	1	1	14.034113
HS20_serv_opr	BOBJ1	213.75	Before	Interior Girder 1	213.75	0.95	1	1	13.276481
HS20_serv_opr	BOBJ1	213.75	Before	Interior Girder 2	213.75	0.95	1	1	13.27648
HS20_serv_opr	BOBJ1	213.75	Before	Right Exterior Girder	213.75	0.95	1	1	14.034113
HS20_serv_opr	BOBJ1	213.75	After	Left Exterior Girder	213.75	0.95	1	1	14.017138
HS20_serv_opr	BOBJ1	213.75	After	Interior Girder 1	213.75	0.95	1	1	13.254091
HS20_serv_opr	BOBJ1	213.75	After	Interior Girder 2	213.75	0.95	1	1	13.25409
HS20_serv_opr	BOBJ1	213.75	After	Right Exterior Girder	213.75	0.95	1	1	14.017138
HS20_serv_opr	BOBJ1	225	Before	Left Exterior Girder	225	0.95	1	1	8.898069
HS20_serv_opr	BOBJ1	225	Before	Interior Girder 1	225	0.95	1	1	8.07537
HS20_serv_opr	BOBJ1	225	Before	Interior Girder 2	225	0.95	1	1	8.075369
HS20_serv_opr	BOBJ1	225	Before	Right Exterior Girder	225	0.95	1	1	8.898069
HS20_serv_opr	BOBJ1	225	After	Left Exterior Girder	0	0.95	1	1	8.46939
HS20_serv_opr	BOBJ1	225	After	Interior Girder 1	0	0.95	1	1	7.845431
HS20_serv_opr	BOBJ1	225	After	Interior Girder 2	0	0.95	1	1	7.845432
HS20_serv_opr	BOBJ1	225	After	Right Exterior Girder	0	0.95	1	1	8.469389
HS20_serv_opr	BOBJ1	236.45	Before	Left Exterior Girder	11.45	0.95	1	1	14.158737
HS20_serv_opr	BOBJ1	236.45	Before	Interior Girder 1	11.45	0.95	1	1	14.094313
HS20_serv_opr	BOBJ1	236.45	Before	Interior Girder 2	11.45	0.95	1	1	14.094314
HS20_serv_opr	BOBJ1	236.45	Before	Right Exterior Girder	11.45	0.95	1	1	14.158736
HS20_serv_opr	BOBJ1	236.45	After	Left Exterior Girder	11.45	0.95	1	1	14.187763
HS20_serv_opr	BOBJ1	236.45	After	Interior Girder 1	11.45	0.95	1	1	14.101781
HS20_serv_opr	BOBJ1	236.45	After	Interior Girder 2	11.45	0.95	1	1	14.101781
HS20_serv_opr	BOBJ1	236.45	After	Right Exterior Girder	11.45	0.95	1	1	14.187762
HS20_serv_opr	BOBJ1	239.5082	Before	Left Exterior Girder	14.5082	0.95	1	1	16.117447
HS20_serv_opr	BOBJ1	239.5082	Before	Interior Girder 1	14.5082	0.95	1	1	16.122615
HS20_serv_opr	BOBJ1	239.5082	Before	Interior Girder 2	14.5082	0.95	1	1	16.122615
HS20_serv_opr	BOBJ1	239.5082	Before	Right Exterior Girder	14.5082	0.95	1	1	16.117447
HS20_serv_opr	BOBJ1	239.5082	After	Left Exterior Girder	14.5082	0.95	1	1	10.968859
HS20_serv_opr	BOBJ1	239.5082	After	Interior Girder 1	14.5082	0.95	1	1	10.97539
HS20_serv_opr	BOBJ1	239.5082	After	Interior Girder 2	14.5082	0.95	1	1	10.97539
HS20_serv_opr	BOBJ1	239.5082	After	Right Exterior Girder	14.5082	0.95	1	1	10.968859
HS20_serv_opr	BOBJ1	247.9	Before	Left Exterior Girder	22.9	0.95	1	1	16.087181
HS20_serv_opr	BOBJ1	247.9	Before	Interior Girder 1	22.9	0.95	1	1	15.904367
HS20_serv_opr	BOBJ1	247.9	Before	Interior Girder 2	22.9	0.95	1	1	15.904367
HS20_serv_opr	BOBJ1	247.9	Before	Right Exterior Girder	22.9	0.95	1	1	16.087181
HS20_serv_opr	BOBJ1	247.9	After	Left Exterior Girder	22.9	0.95	1	1	15.704324
HS20_serv_opr	BOBJ1	247.9	After	Interior Girder 1	22.9	0.95	1	1	15.9212
HS20_serv_opr	BOBJ1	247.9	After	Interior Girder 2	22.9	0.95	1	1	15.9212
HS20_serv_opr	BOBJ1	247.9	After	Right Exterior Girder	22.9	0.95	1	1	15.704324
HS20_serv_opr	BOBJ1	258.5189	Before	Left Exterior Girder	33.5189	0.95	1	1	21.791878
HS20_serv_opr	BOBJ1	258.5189	Before	Interior Girder 1	33.5189	0.95	1	1	20.345023
HS20_serv_opr	BOBJ1	258.5189	Before	Interior Girder 2	33.5189	0.95	1	1	20.345022
HS20_serv_opr	BOBJ1	258.5189	Before	Right Exterior Girder	33.5189	0.95	1	1	21.791879

TABLE: Bridge Super Rating AASHTORATE18 26 - SteelINonCompServ-Flx - Main Span Girders									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
HS20_serv_opr	BOBJ1	258.5189	After	Left Exterior Girder	33.5189	0.95	1	1	15.129878
HS20_serv_opr	BOBJ1	258.5189	After	Interior Girder 1	33.5189	0.95	1	1	13.974906
HS20_serv_opr	BOBJ1	258.5189	After	Interior Girder 2	33.5189	0.95	1	1	13.974905
HS20_serv_opr	BOBJ1	258.5189	After	Right Exterior Girder	33.5189	0.95	1	1	15.129878
HS20_serv_opr	BOBJ1	259.3	Before	Left Exterior Girder	34.3	0.95	1	1	15.440632
HS20_serv_opr	BOBJ1	259.3	Before	Interior Girder 1	34.3	0.95	1	1	14.27947
HS20_serv_opr	BOBJ1	259.3	Before	Interior Girder 2	34.3	0.95	1	1	14.27947
HS20_serv_opr	BOBJ1	259.3	Before	Right Exterior Girder	34.3	0.95	1	1	15.440633
HS20_serv_opr	BOBJ1	259.3	After	Left Exterior Girder	34.3	0.95	1	1	15.433259
HS20_serv_opr	BOBJ1	259.3	After	Interior Girder 1	34.3	0.95	1	1	14.285827
HS20_serv_opr	BOBJ1	259.3	After	Interior Girder 2	34.3	0.95	1	1	14.285827
HS20_serv_opr	BOBJ1	259.3	After	Right Exterior Girder	34.3	0.95	1	1	15.43326
HS20_serv_opr	BOBJ1	266.1031	Before	Left Exterior Girder	41.1031	0.95	1	1	18.058181
HS20_serv_opr	BOBJ1	266.1031	Before	Interior Girder 1	41.1031	0.95	1	1	16.982883
HS20_serv_opr	BOBJ1	266.1031	Before	Interior Girder 2	41.1031	0.95	1	1	16.982883
HS20_serv_opr	BOBJ1	266.1031	Before	Right Exterior Girder	41.1031	0.95	1	1	18.058181
HS20_serv_opr	BOBJ1	266.1031	After	Left Exterior Girder	41.1031	0.95	1	1	9.688604
HS20_serv_opr	BOBJ1	266.1031	After	Interior Girder 1	41.1031	0.95	1	1	9.118943
HS20_serv_opr	BOBJ1	266.1031	After	Interior Girder 2	41.1031	0.95	1	1	9.118943
HS20_serv_opr	BOBJ1	266.1031	After	Right Exterior Girder	41.1031	0.95	1	1	9.688604
HS20_serv_opr	BOBJ1	270.7	Before	Left Exterior Girder	45.7	0.95	1	1	11.331732
HS20_serv_opr	BOBJ1	270.7	Before	Interior Girder 1	45.7	0.95	1	1	10.777214
HS20_serv_opr	BOBJ1	270.7	Before	Interior Girder 2	45.7	0.95	1	1	10.777214
HS20_serv_opr	BOBJ1	270.7	Before	Right Exterior Girder	45.7	0.95	1	1	11.331733
HS20_serv_opr	BOBJ1	270.7	After	Left Exterior Girder	45.7	0.95	1	1	11.413072
HS20_serv_opr	BOBJ1	270.7	After	Interior Girder 1	45.7	0.95	1	1	10.839819
HS20_serv_opr	BOBJ1	270.7	After	Interior Girder 2	45.7	0.95	1	1	10.839819
HS20_serv_opr	BOBJ1	270.7	After	Right Exterior Girder	45.7	0.95	1	1	11.413071
HS20_serv_opr	BOBJ1	273.6874	Before	Left Exterior Girder	48.6874	0.95	1	1	12.50412
HS20_serv_opr	BOBJ1	273.6874	Before	Interior Girder 1	48.6874	0.95	1	1	11.92268
HS20_serv_opr	BOBJ1	273.6874	Before	Interior Girder 2	48.6874	0.95	1	1	11.92268
HS20_serv_opr	BOBJ1	273.6874	Before	Right Exterior Girder	48.6874	0.95	1	1	12.50412
HS20_serv_opr	BOBJ1	273.6874	After	Left Exterior Girder	48.6874	0.95	1	1	5.382285
HS20_serv_opr	BOBJ1	273.6874	After	Interior Girder 1	48.6874	0.95	1	1	5.169386
HS20_serv_opr	BOBJ1	273.6874	After	Interior Girder 2	48.6874	0.95	1	1	5.169386
HS20_serv_opr	BOBJ1	273.6874	After	Right Exterior Girder	48.6874	0.95	1	1	5.382285
HS20_serv_opr	BOBJ1	282.15	Before	Left Exterior Girder	57.15	0.95	1	1	8.249227
HS20_serv_opr	BOBJ1	282.15	Before	Interior Girder 1	57.15	0.95	1	1	7.997214
HS20_serv_opr	BOBJ1	282.15	Before	Interior Girder 2	57.15	0.95	1	1	7.997214
HS20_serv_opr	BOBJ1	282.15	Before	Right Exterior Girder	57.15	0.95	1	1	8.249227
HS20_serv_opr	BOBJ1	282.15	After	Left Exterior Girder	57.15	0.95	1	1	8.237436
HS20_serv_opr	BOBJ1	282.15	After	Interior Girder 1	57.15	0.95	1	1	8.008557
HS20_serv_opr	BOBJ1	282.15	After	Interior Girder 2	57.15	0.95	1	1	8.008557
HS20_serv_opr	BOBJ1	282.15	After	Right Exterior Girder	57.15	0.95	1	1	8.237436
HS20_serv_opr	BOBJ1	293.6	Before	Left Exterior Girder	68.6	0.95	1	1	6.219684
HS20_serv_opr	BOBJ1	293.6	Before	Interior Girder 1	68.6	0.95	1	1	4.951606
HS20_serv_opr	BOBJ1	293.6	Before	Interior Girder 2	68.6	0.95	1	1	4.951606
HS20_serv_opr	BOBJ1	293.6	Before	Right Exterior Girder	68.6	0.95	1	1	6.219684
HS20_serv_opr	BOBJ1	293.6	After	Left Exterior Girder	68.6	0.95	1	1	6.437763
HS20_serv_opr	BOBJ1	293.6	After	Interior Girder 1	68.6	0.95	1	1	5.045455
HS20_serv_opr	BOBJ1	293.6	After	Interior Girder 2	68.6	0.95	1	1	5.045455
HS20_serv_opr	BOBJ1	293.6	After	Right Exterior Girder	68.6	0.95	1	1	6.437763
HS20_serv_opr	BOBJ1	305	Before	Left Exterior Girder	80	0.95	1	1	3.479903
HS20_serv_opr	BOBJ1	305	Before	Interior Girder 1	80	0.95	1	1	2.799427
HS20_serv_opr	BOBJ1	305	Before	Interior Girder 2	80	0.95	1	1	2.799427
HS20_serv_opr	BOBJ1	305	Before	Right Exterior Girder	80	0.95	1	1	3.479903
HS20_serv_opr	BOBJ1	305	After	Left Exterior Girder	80	0.95	1	1	3.480816
HS20_serv_opr	BOBJ1	305	After	Interior Girder 1	80	0.95	1	1	2.797856
HS20_serv_opr	BOBJ1	305	After	Interior Girder 2	80	0.95	1	1	2.797856
HS20_serv_opr	BOBJ1	305	After	Right Exterior Girder	80	0.95	1	1	3.480816
HS20_serv_opr	BOBJ1	306.9561	Before	Left Exterior Girder	81.9561	0.95	1	1	3.085155
HS20_serv_opr	BOBJ1	306.9561	Before	Interior Girder 1	81.9561	0.95	1	1	2.508207
HS20_serv_opr	BOBJ1	306.9561	Before	Interior Girder 2	81.9561	0.95	1	1	2.508207
HS20_serv_opr	BOBJ1	306.9561	Before	Right Exterior Girder	81.9561	0.95	1	1	3.085155
HS20_serv_opr	BOBJ1	306.9561	After	Left Exterior Girder	81.9561	0.95	1	1	8.069107
HS20_serv_opr	BOBJ1	306.9561	After	Interior Girder 1	81.9561	0.95	1	1	6.643869
HS20_serv_opr	BOBJ1	306.9561	After	Interior Girder 2	81.9561	0.95	1	1	6.643869
HS20_serv_opr	BOBJ1	306.9561	After	Right Exterior Girder	81.9561	0.95	1	1	8.069108
HS20_serv_opr	BOBJ1	316.4	Before	Left Exterior Girder	91.4	0.95	1	1	5.931352
HS20_serv_opr	BOBJ1	316.4	Before	Interior Girder 1	91.4	0.95	1	1	5.068317

TABLE: Bridge Super Rating AASHTORATE18 26 - SteelINonCompServ-Flx - Main Span Girders									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
HS20_serv_opr	BOBJ1	316.4	Before	Interior Girder 2	91.4	0.95	1	1	5.068317
HS20_serv_opr	BOBJ1	316.4	Before	Right Exterior Girder	91.4	0.95	1	1	5.931352
HS20_serv_opr	BOBJ1	316.4	After	Left Exterior Girder	91.4	0.95	1	1	6.008211
HS20_serv_opr	BOBJ1	316.4	After	Interior Girder 1	91.4	0.95	1	1	5.06908
HS20_serv_opr	BOBJ1	316.4	After	Interior Girder 2	91.4	0.95	1	1	5.06908
HS20_serv_opr	BOBJ1	316.4	After	Right Exterior Girder	91.4	0.95	1	1	6.00821
HS20_serv_opr	BOBJ1	327.85	Before	Left Exterior Girder	102.9679	0.95	1	1	4.301253
HS20_serv_opr	BOBJ1	327.85	Before	Interior Girder 1	102.9679	0.95	1	1	3.660147
HS20_serv_opr	BOBJ1	327.85	Before	Interior Girder 2	102.9679	0.95	1	1	3.660147
HS20_serv_opr	BOBJ1	327.85	Before	Right Exterior Girder	102.9679	0.95	1	1	4.301253
HS20_serv_opr	BOBJ1	327.85	After	Left Exterior Girder	102.9679	0.95	1	1	8.308264
HS20_serv_opr	BOBJ1	327.85	After	Interior Girder 1	102.9679	0.95	1	1	7.185395
HS20_serv_opr	BOBJ1	327.85	After	Interior Girder 2	102.9679	0.95	1	1	7.185395
HS20_serv_opr	BOBJ1	327.85	After	Right Exterior Girder	102.9679	0.95	1	1	8.308264
HS20_serv_opr	BOBJ1	339.3	Before	Left Exterior Girder	114.3	0.95	1	1	6.758186
HS20_serv_opr	BOBJ1	339.3	Before	Interior Girder 1	114.3	0.95	1	1	5.996666
HS20_serv_opr	BOBJ1	339.3	Before	Interior Girder 2	114.3	0.95	1	1	5.996666
HS20_serv_opr	BOBJ1	339.3	Before	Right Exterior Girder	114.3	0.95	1	1	6.758185
HS20_serv_opr	BOBJ1	339.3	After	Left Exterior Girder	114.3	0.95	1	1	6.807816
HS20_serv_opr	BOBJ1	339.3	After	Interior Girder 1	114.3	0.95	1	1	6.004525
HS20_serv_opr	BOBJ1	339.3	After	Interior Girder 2	114.3	0.95	1	1	6.004525
HS20_serv_opr	BOBJ1	339.3	After	Right Exterior Girder	114.3	0.95	1	1	6.807816
HS20_serv_opr	BOBJ1	350.7	Before	Left Exterior Girder	125.7	0.95	1	1	5.836049
HS20_serv_opr	BOBJ1	350.7	Before	Interior Girder 1	125.7	0.95	1	1	5.151649
HS20_serv_opr	BOBJ1	350.7	Before	Interior Girder 2	125.7	0.95	1	1	5.151649
HS20_serv_opr	BOBJ1	350.7	Before	Right Exterior Girder	125.7	0.95	1	1	5.836049
HS20_serv_opr	BOBJ1	350.7	After	Left Exterior Girder	125.7	0.95	1	1	5.834395
HS20_serv_opr	BOBJ1	350.7	After	Interior Girder 1	125.7	0.95	1	1	5.152378
HS20_serv_opr	BOBJ1	350.7	After	Interior Girder 2	125.7	0.95	1	1	5.152378
HS20_serv_opr	BOBJ1	350.7	After	Right Exterior Girder	125.7	0.95	1	1	5.834395
HS20_serv_opr	BOBJ1	362.1	Before	Left Exterior Girder	137.1	0.95	1	1	5.169802
HS20_serv_opr	BOBJ1	362.1	Before	Interior Girder 1	137.1	0.95	1	1	4.639962
HS20_serv_opr	BOBJ1	362.1	Before	Interior Girder 2	137.1	0.95	1	1	4.639962
HS20_serv_opr	BOBJ1	362.1	Before	Right Exterior Girder	137.1	0.95	1	1	5.169802
HS20_serv_opr	BOBJ1	362.1	After	Left Exterior Girder	137.1	0.95	1	1	5.194991
HS20_serv_opr	BOBJ1	362.1	After	Interior Girder 1	137.1	0.95	1	1	4.649256
HS20_serv_opr	BOBJ1	362.1	After	Interior Girder 2	137.1	0.95	1	1	4.649256
HS20_serv_opr	BOBJ1	362.1	After	Right Exterior Girder	137.1	0.95	1	1	5.194991
HS20_serv_opr	BOBJ1	373.55	Before	Left Exterior Girder	148.55	0.95	1	1	4.86016
HS20_serv_opr	BOBJ1	373.55	Before	Interior Girder 1	148.55	0.95	1	1	4.327103
HS20_serv_opr	BOBJ1	373.55	Before	Interior Girder 2	148.55	0.95	1	1	4.327103
HS20_serv_opr	BOBJ1	373.55	Before	Right Exterior Girder	148.55	0.95	1	1	4.86016
HS20_serv_opr	BOBJ1	373.55	After	Left Exterior Girder	148.55	0.95	1	1	4.85955
HS20_serv_opr	BOBJ1	373.55	After	Interior Girder 1	148.55	0.95	1	1	4.329139
HS20_serv_opr	BOBJ1	373.55	After	Interior Girder 2	148.55	0.95	1	1	4.329139
HS20_serv_opr	BOBJ1	373.55	After	Right Exterior Girder	148.55	0.95	1	1	4.85955
HS20_serv_opr	BOBJ1	385	Before	Left Exterior Girder	160	0.95	1	1	4.726417
HS20_serv_opr	BOBJ1	385	Before	Interior Girder 1	160	0.95	1	1	4.252659
HS20_serv_opr	BOBJ1	385	Before	Interior Girder 2	160	0.95	1	1	4.252659
HS20_serv_opr	BOBJ1	385	Before	Right Exterior Girder	160	0.95	1	1	4.726416
HS20_serv_opr	BOBJ1	385	After	Left Exterior Girder	160	0.95	1	1	4.726416
HS20_serv_opr	BOBJ1	385	After	Interior Girder 1	160	0.95	1	1	4.252659
HS20_serv_opr	BOBJ1	385	After	Interior Girder 2	160	0.95	1	1	4.252659
HS20_serv_opr	BOBJ1	385	After	Right Exterior Girder	160	0.95	1	1	4.726417
HS20_serv_opr	BOBJ1	396.45	Before	Left Exterior Girder	171.45	0.95	1	1	4.85955
HS20_serv_opr	BOBJ1	396.45	Before	Interior Girder 1	171.45	0.95	1	1	4.329139
HS20_serv_opr	BOBJ1	396.45	Before	Interior Girder 2	171.45	0.95	1	1	4.329139
HS20_serv_opr	BOBJ1	396.45	Before	Right Exterior Girder	171.45	0.95	1	1	4.859551
HS20_serv_opr	BOBJ1	396.45	After	Left Exterior Girder	171.45	0.95	1	1	4.86016
HS20_serv_opr	BOBJ1	396.45	After	Interior Girder 1	171.45	0.95	1	1	4.327103
HS20_serv_opr	BOBJ1	396.45	After	Interior Girder 2	171.45	0.95	1	1	4.327103
HS20_serv_opr	BOBJ1	396.45	After	Right Exterior Girder	171.45	0.95	1	1	4.86016
HS20_serv_opr	BOBJ1	407.9	Before	Left Exterior Girder	182.9	0.95	1	1	5.194991
HS20_serv_opr	BOBJ1	407.9	Before	Interior Girder 1	182.9	0.95	1	1	4.649256
HS20_serv_opr	BOBJ1	407.9	Before	Interior Girder 2	182.9	0.95	1	1	4.649256
HS20_serv_opr	BOBJ1	407.9	Before	Right Exterior Girder	182.9	0.95	1	1	5.194991
HS20_serv_opr	BOBJ1	407.9	After	Left Exterior Girder	182.9	0.95	1	1	5.169801
HS20_serv_opr	BOBJ1	407.9	After	Interior Girder 1	182.9	0.95	1	1	4.639962
HS20_serv_opr	BOBJ1	407.9	After	Interior Girder 2	182.9	0.95	1	1	4.639962
HS20_serv_opr	BOBJ1	407.9	After	Right Exterior Girder	182.9	0.95	1	1	5.169801

TABLE: Bridge Super Rating AASHTORATE18 26 - SteelINonCompServ-Flx - Main Span Girders									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
HS20_serv_opr	BOBJ1	419.3	Before	Left Exterior Girder	194.3	0.95	1	1	5.834395
HS20_serv_opr	BOBJ1	419.3	Before	Interior Girder 1	194.3	0.95	1	1	5.152378
HS20_serv_opr	BOBJ1	419.3	Before	Interior Girder 2	194.3	0.95	1	1	5.152378
HS20_serv_opr	BOBJ1	419.3	Before	Right Exterior Girder	194.3	0.95	1	1	5.834395
HS20_serv_opr	BOBJ1	419.3	After	Left Exterior Girder	194.3	0.95	1	1	5.836049
HS20_serv_opr	BOBJ1	419.3	After	Interior Girder 1	194.3	0.95	1	1	5.151649
HS20_serv_opr	BOBJ1	419.3	After	Interior Girder 2	194.3	0.95	1	1	5.151649
HS20_serv_opr	BOBJ1	419.3	After	Right Exterior Girder	194.3	0.95	1	1	5.836049
HS20_serv_opr	BOBJ1	430.7	Before	Left Exterior Girder	205.7	0.95	1	1	6.807816
HS20_serv_opr	BOBJ1	430.7	Before	Interior Girder 1	205.7	0.95	1	1	6.004525
HS20_serv_opr	BOBJ1	430.7	Before	Interior Girder 2	205.7	0.95	1	1	6.004525
HS20_serv_opr	BOBJ1	430.7	Before	Right Exterior Girder	205.7	0.95	1	1	6.807816
HS20_serv_opr	BOBJ1	430.7	After	Left Exterior Girder	205.7	0.95	1	1	6.758185
HS20_serv_opr	BOBJ1	430.7	After	Interior Girder 1	205.7	0.95	1	1	5.996666
HS20_serv_opr	BOBJ1	430.7	After	Interior Girder 2	205.7	0.95	1	1	5.996666
HS20_serv_opr	BOBJ1	430.7	After	Right Exterior Girder	205.7	0.95	1	1	6.758186
HS20_serv_opr	BOBJ1	442.15	Before	Left Exterior Girder	217.0321	0.95	1	1	8.294399
HS20_serv_opr	BOBJ1	442.15	Before	Interior Girder 1	217.0321	0.95	1	1	7.185087
HS20_serv_opr	BOBJ1	442.15	Before	Interior Girder 2	217.0321	0.95	1	1	7.185087
HS20_serv_opr	BOBJ1	442.15	Before	Right Exterior Girder	217.0321	0.95	1	1	8.294399
HS20_serv_opr	BOBJ1	442.15	After	Left Exterior Girder	217.0321	0.95	1	1	4.295111
HS20_serv_opr	BOBJ1	442.15	After	Interior Girder 1	217.0321	0.95	1	1	3.659001
HS20_serv_opr	BOBJ1	442.15	After	Interior Girder 2	217.0321	0.95	1	1	3.659001
HS20_serv_opr	BOBJ1	442.15	After	Right Exterior Girder	217.0321	0.95	1	1	4.295111
HS20_serv_opr	BOBJ1	453.6	Before	Left Exterior Girder	228.6	0.95	1	1	6.008211
HS20_serv_opr	BOBJ1	453.6	Before	Interior Girder 1	228.6	0.95	1	1	5.06908
HS20_serv_opr	BOBJ1	453.6	Before	Interior Girder 2	228.6	0.95	1	1	5.06908
HS20_serv_opr	BOBJ1	453.6	Before	Right Exterior Girder	228.6	0.95	1	1	6.00821
HS20_serv_opr	BOBJ1	453.6	After	Left Exterior Girder	228.6	0.95	1	1	5.931351
HS20_serv_opr	BOBJ1	453.6	After	Interior Girder 1	228.6	0.95	1	1	5.068317
HS20_serv_opr	BOBJ1	453.6	After	Interior Girder 2	228.6	0.95	1	1	5.068317
HS20_serv_opr	BOBJ1	453.6	After	Right Exterior Girder	228.6	0.95	1	1	5.931351
HS20_serv_opr	BOBJ1	463.0439	Before	Left Exterior Girder	238.0439	0.95	1	1	8.045126
HS20_serv_opr	BOBJ1	463.0439	Before	Interior Girder 1	238.0439	0.95	1	1	6.643933
HS20_serv_opr	BOBJ1	463.0439	Before	Interior Girder 2	238.0439	0.95	1	1	6.643934
HS20_serv_opr	BOBJ1	463.0439	Before	Right Exterior Girder	238.0439	0.95	1	1	8.045125
HS20_serv_opr	BOBJ1	463.0439	After	Left Exterior Girder	238.0439	0.95	1	1	3.076961
HS20_serv_opr	BOBJ1	463.0439	After	Interior Girder 1	238.0439	0.95	1	1	2.507141
HS20_serv_opr	BOBJ1	463.0439	After	Interior Girder 2	238.0439	0.95	1	1	2.507141
HS20_serv_opr	BOBJ1	463.0439	After	Right Exterior Girder	238.0439	0.95	1	1	3.07696
HS20_serv_opr	BOBJ1	465	Before	Left Exterior Girder	240	0.95	1	1	3.480816
HS20_serv_opr	BOBJ1	465	Before	Interior Girder 1	240	0.95	1	1	2.797856
HS20_serv_opr	BOBJ1	465	Before	Interior Girder 2	240	0.95	1	1	2.797856
HS20_serv_opr	BOBJ1	465	Before	Right Exterior Girder	240	0.95	1	1	3.480816
HS20_serv_opr	BOBJ1	465	After	Left Exterior Girder	240	0.95	1	1	3.479902
HS20_serv_opr	BOBJ1	465	After	Interior Girder 1	240	0.95	1	1	2.799427
HS20_serv_opr	BOBJ1	465	After	Interior Girder 2	240	0.95	1	1	2.799427
HS20_serv_opr	BOBJ1	465	After	Right Exterior Girder	240	0.95	1	1	3.479902
HS20_serv_opr	BOBJ1	476.4	Before	Left Exterior Girder	251.4	0.95	1	1	6.437763
HS20_serv_opr	BOBJ1	476.4	Before	Interior Girder 1	251.4	0.95	1	1	5.045455
HS20_serv_opr	BOBJ1	476.4	Before	Interior Girder 2	251.4	0.95	1	1	5.045455
HS20_serv_opr	BOBJ1	476.4	Before	Right Exterior Girder	251.4	0.95	1	1	6.437763
HS20_serv_opr	BOBJ1	476.4	After	Left Exterior Girder	251.4	0.95	1	1	6.219684
HS20_serv_opr	BOBJ1	476.4	After	Interior Girder 1	251.4	0.95	1	1	4.951606
HS20_serv_opr	BOBJ1	476.4	After	Interior Girder 2	251.4	0.95	1	1	4.951606
HS20_serv_opr	BOBJ1	476.4	After	Right Exterior Girder	251.4	0.95	1	1	6.219683
HS20_serv_opr	BOBJ1	487.85	Before	Left Exterior Girder	262.85	0.95	1	1	8.237436
HS20_serv_opr	BOBJ1	487.85	Before	Interior Girder 1	262.85	0.95	1	1	8.008557
HS20_serv_opr	BOBJ1	487.85	Before	Interior Girder 2	262.85	0.95	1	1	8.008557
HS20_serv_opr	BOBJ1	487.85	Before	Right Exterior Girder	262.85	0.95	1	1	8.237436
HS20_serv_opr	BOBJ1	487.85	After	Left Exterior Girder	262.85	0.95	1	1	8.249227
HS20_serv_opr	BOBJ1	487.85	After	Interior Girder 1	262.85	0.95	1	1	7.997214
HS20_serv_opr	BOBJ1	487.85	After	Interior Girder 2	262.85	0.95	1	1	7.997214
HS20_serv_opr	BOBJ1	487.85	After	Right Exterior Girder	262.85	0.95	1	1	8.249227
HS20_serv_opr	BOBJ1	496.3126	Before	Left Exterior Girder	271.3126	0.95	1	1	5.383739
HS20_serv_opr	BOBJ1	496.3126	Before	Interior Girder 1	271.3126	0.95	1	1	5.174339
HS20_serv_opr	BOBJ1	496.3126	Before	Interior Girder 2	271.3126	0.95	1	1	5.174339
HS20_serv_opr	BOBJ1	496.3126	Before	Right Exterior Girder	271.3126	0.95	1	1	5.383739
HS20_serv_opr	BOBJ1	496.3126	After	Left Exterior Girder	271.3126	0.95	1	1	12.508684
HS20_serv_opr	BOBJ1	496.3126	After	Interior Girder 1	271.3126	0.95	1	1	11.932733

TABLE: Bridge Super Rating AASHTORATE18 26 - SteelINonCompServ-Flx - Main Span Girders									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
HS20_serv_opr	BOBJ1	496.3126	After	Interior Girder 2	271.3126	0.95	1	1	11.932733
HS20_serv_opr	BOBJ1	496.3126	After	Right Exterior Girder	271.3126	0.95	1	1	12.508684
HS20_serv_opr	BOBJ1	499.3	Before	Left Exterior Girder	274.3	0.95	1	1	11.413072
HS20_serv_opr	BOBJ1	499.3	Before	Interior Girder 1	274.3	0.95	1	1	10.839819
HS20_serv_opr	BOBJ1	499.3	Before	Interior Girder 2	274.3	0.95	1	1	10.839819
HS20_serv_opr	BOBJ1	499.3	Before	Right Exterior Girder	274.3	0.95	1	1	11.413072
HS20_serv_opr	BOBJ1	499.3	After	Left Exterior Girder	274.3	0.95	1	1	11.331732
HS20_serv_opr	BOBJ1	499.3	After	Interior Girder 1	274.3	0.95	1	1	10.777214
HS20_serv_opr	BOBJ1	499.3	After	Interior Girder 2	274.3	0.95	1	1	10.777214
HS20_serv_opr	BOBJ1	499.3	After	Right Exterior Girder	274.3	0.95	1	1	11.331732
HS20_serv_opr	BOBJ1	503.8969	Before	Left Exterior Girder	278.8969	0.95	1	1	9.688604
HS20_serv_opr	BOBJ1	503.8969	Before	Interior Girder 1	278.8969	0.95	1	1	9.118943
HS20_serv_opr	BOBJ1	503.8969	Before	Interior Girder 2	278.8969	0.95	1	1	9.118942
HS20_serv_opr	BOBJ1	503.8969	Before	Right Exterior Girder	278.8969	0.95	1	1	9.688604
HS20_serv_opr	BOBJ1	503.8969	After	Left Exterior Girder	278.8969	0.95	1	1	18.058181
HS20_serv_opr	BOBJ1	503.8969	After	Interior Girder 1	278.8969	0.95	1	1	16.982883
HS20_serv_opr	BOBJ1	503.8969	After	Interior Girder 2	278.8969	0.95	1	1	16.982883
HS20_serv_opr	BOBJ1	503.8969	After	Right Exterior Girder	278.8969	0.95	1	1	18.058181
HS20_serv_opr	BOBJ1	510.7	Before	Left Exterior Girder	285.7	0.95	1	1	15.433259
HS20_serv_opr	BOBJ1	510.7	Before	Interior Girder 1	285.7	0.95	1	1	14.285827
HS20_serv_opr	BOBJ1	510.7	Before	Interior Girder 2	285.7	0.95	1	1	14.285826
HS20_serv_opr	BOBJ1	510.7	Before	Right Exterior Girder	285.7	0.95	1	1	15.433259
HS20_serv_opr	BOBJ1	510.7	After	Left Exterior Girder	285.7	0.95	1	1	15.440632
HS20_serv_opr	BOBJ1	510.7	After	Interior Girder 1	285.7	0.95	1	1	14.27947
HS20_serv_opr	BOBJ1	510.7	After	Interior Girder 2	285.7	0.95	1	1	14.279469
HS20_serv_opr	BOBJ1	510.7	After	Right Exterior Girder	285.7	0.95	1	1	15.440632
HS20_serv_opr	BOBJ1	511.4811	Before	Left Exterior Girder	286.4811	0.95	1	1	15.13296
HS20_serv_opr	BOBJ1	511.4811	Before	Interior Girder 1	286.4811	0.95	1	1	13.982075
HS20_serv_opr	BOBJ1	511.4811	Before	Interior Girder 2	286.4811	0.95	1	1	13.982075
HS20_serv_opr	BOBJ1	511.4811	Before	Right Exterior Girder	286.4811	0.95	1	1	15.13296
HS20_serv_opr	BOBJ1	511.4811	After	Left Exterior Girder	286.4811	0.95	1	1	21.85078
HS20_serv_opr	BOBJ1	511.4811	After	Interior Girder 1	286.4811	0.95	1	1	20.354081
HS20_serv_opr	BOBJ1	511.4811	After	Interior Girder 2	286.4811	0.95	1	1	20.354081
HS20_serv_opr	BOBJ1	511.4811	After	Right Exterior Girder	286.4811	0.95	1	1	21.85078
HS20_serv_opr	BOBJ1	522.1	Before	Left Exterior Girder	297.1	0.95	1	1	15.704325
HS20_serv_opr	BOBJ1	522.1	Before	Interior Girder 1	297.1	0.95	1	1	15.9212
HS20_serv_opr	BOBJ1	522.1	Before	Interior Girder 2	297.1	0.95	1	1	15.921199
HS20_serv_opr	BOBJ1	522.1	Before	Right Exterior Girder	297.1	0.95	1	1	15.704324
HS20_serv_opr	BOBJ1	522.1	After	Left Exterior Girder	297.1	0.95	1	1	16.087181
HS20_serv_opr	BOBJ1	522.1	After	Interior Girder 1	297.1	0.95	1	1	15.904367
HS20_serv_opr	BOBJ1	522.1	After	Interior Girder 2	297.1	0.95	1	1	15.904366
HS20_serv_opr	BOBJ1	522.1	After	Right Exterior Girder	297.1	0.95	1	1	16.087181
HS20_serv_opr	BOBJ1	530.4918	Before	Left Exterior Girder	305.4918	0.95	1	1	10.96886
HS20_serv_opr	BOBJ1	530.4918	Before	Interior Girder 1	305.4918	0.95	1	1	10.975389
HS20_serv_opr	BOBJ1	530.4918	Before	Interior Girder 2	305.4918	0.95	1	1	10.975391
HS20_serv_opr	BOBJ1	530.4918	Before	Right Exterior Girder	305.4918	0.95	1	1	10.96886
HS20_serv_opr	BOBJ1	530.4918	After	Left Exterior Girder	305.4918	0.95	1	1	16.117448
HS20_serv_opr	BOBJ1	530.4918	After	Interior Girder 1	305.4918	0.95	1	1	16.122614
HS20_serv_opr	BOBJ1	530.4918	After	Interior Girder 2	305.4918	0.95	1	1	16.122615
HS20_serv_opr	BOBJ1	530.4918	After	Right Exterior Girder	305.4918	0.95	1	1	16.117448
HS20_serv_opr	BOBJ1	533.55	Before	Left Exterior Girder	308.55	0.95	1	1	14.187764
HS20_serv_opr	BOBJ1	533.55	Before	Interior Girder 1	308.55	0.95	1	1	14.10178
HS20_serv_opr	BOBJ1	533.55	Before	Interior Girder 2	308.55	0.95	1	1	14.101781
HS20_serv_opr	BOBJ1	533.55	Before	Right Exterior Girder	308.55	0.95	1	1	14.187763
HS20_serv_opr	BOBJ1	533.55	After	Left Exterior Girder	308.55	0.95	1	1	14.158737
HS20_serv_opr	BOBJ1	533.55	After	Interior Girder 1	308.55	0.95	1	1	14.094313
HS20_serv_opr	BOBJ1	533.55	After	Interior Girder 2	308.55	0.95	1	1	14.094314
HS20_serv_opr	BOBJ1	533.55	After	Right Exterior Girder	308.55	0.95	1	1	14.158737
HS20_serv_opr	BOBJ1	545	Before	Left Exterior Girder	320	0.95	1	1	8.46939
HS20_serv_opr	BOBJ1	545	Before	Interior Girder 1	320	0.95	1	1	7.845431
HS20_serv_opr	BOBJ1	545	Before	Interior Girder 2	320	0.95	1	1	7.845432
HS20_serv_opr	BOBJ1	545	Before	Right Exterior Girder	320	0.95	1	1	8.469389
HS20_serv_opr	BOBJ1	545	After	Left Exterior Girder	0	0.95	1	1	8.898069
HS20_serv_opr	BOBJ1	545	After	Interior Girder 1	0	0.95	1	1	8.077713
HS20_serv_opr	BOBJ1	545	After	Interior Girder 2	0	0.95	1	1	8.077713
HS20_serv_opr	BOBJ1	545	After	Right Exterior Girder	0	0.95	1	1	8.898069
HS20_serv_opr	BOBJ1	556.25	Before	Left Exterior Girder	11.25	0.95	1	1	14.017138
HS20_serv_opr	BOBJ1	556.25	Before	Interior Girder 1	11.25	0.95	1	1	13.25409
HS20_serv_opr	BOBJ1	556.25	Before	Interior Girder 2	11.25	0.95	1	1	13.25409
HS20_serv_opr	BOBJ1	556.25	Before	Right Exterior Girder	11.25	0.95	1	1	14.017138

TABLE: Bridge Super Rating AASHTORATE18 26 - SteelNonCompServ-Flx - Main Span Girders									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
HS20_serv_opr	BOBJ1	556.25	After	Left Exterior Girder	11.25	0.95	1	1	14.034113
HS20_serv_opr	BOBJ1	556.25	After	Interior Girder 1	11.25	0.95	1	1	13.27648
HS20_serv_opr	BOBJ1	556.25	After	Interior Girder 2	11.25	0.95	1	1	13.27648
HS20_serv_opr	BOBJ1	556.25	After	Right Exterior Girder	11.25	0.95	1	1	14.034113
HS20_serv_opr	BOBJ1	559.4358	Before	Left Exterior Girder	14.4358	0.95	1	1	15.605119
HS20_serv_opr	BOBJ1	559.4358	Before	Interior Girder 1	14.4358	0.95	1	1	14.969409
HS20_serv_opr	BOBJ1	559.4358	Before	Interior Girder 2	14.4358	0.95	1	1	14.969409
HS20_serv_opr	BOBJ1	559.4358	Before	Right Exterior Girder	14.4358	0.95	1	1	15.605119
HS20_serv_opr	BOBJ1	559.4358	After	Left Exterior Girder	14.4358	0.95	1	1	10.557787
HS20_serv_opr	BOBJ1	559.4358	After	Interior Girder 1	14.4358	0.95	1	1	10.116726
HS20_serv_opr	BOBJ1	559.4358	After	Interior Girder 2	14.4358	0.95	1	1	10.116726
HS20_serv_opr	BOBJ1	559.4358	After	Right Exterior Girder	14.4358	0.95	1	1	10.557786
HS20_serv_opr	BOBJ1	567.5	Before	Left Exterior Girder	22.5	0.95	1	1	14.054743
HS20_serv_opr	BOBJ1	567.5	Before	Interior Girder 1	22.5	0.95	1	1	12.943687
HS20_serv_opr	BOBJ1	567.5	Before	Interior Girder 2	22.5	0.95	1	1	12.943687
HS20_serv_opr	BOBJ1	567.5	Before	Right Exterior Girder	22.5	0.95	1	1	14.054742
HS20_serv_opr	BOBJ1	567.5	After	Left Exterior Girder	22.5	0.95	1	1	13.700092
HS20_serv_opr	BOBJ1	567.5	After	Interior Girder 1	22.5	0.95	1	1	12.924746
HS20_serv_opr	BOBJ1	567.5	After	Interior Girder 2	22.5	0.95	1	1	12.924746
HS20_serv_opr	BOBJ1	567.5	After	Right Exterior Girder	22.5	0.95	1	1	13.700092
HS20_serv_opr	BOBJ1	570.0586	Before	Left Exterior Girder	25.0586	0.95	1	1	14.898051
HS20_serv_opr	BOBJ1	570.0586	Before	Interior Girder 1	25.0586	0.95	1	1	13.735525
HS20_serv_opr	BOBJ1	570.0586	Before	Interior Girder 2	25.0586	0.95	1	1	13.735525
HS20_serv_opr	BOBJ1	570.0586	Before	Right Exterior Girder	25.0586	0.95	1	1	14.89805
HS20_serv_opr	BOBJ1	570.0586	After	Left Exterior Girder	25.0586	0.95	1	1	9.108197
HS20_serv_opr	BOBJ1	570.0586	After	Interior Girder 1	25.0586	0.95	1	1	8.412726
HS20_serv_opr	BOBJ1	570.0586	After	Interior Girder 2	25.0586	0.95	1	1	8.412726
HS20_serv_opr	BOBJ1	570.0586	After	Right Exterior Girder	25.0586	0.95	1	1	9.108196
HS20_serv_opr	BOBJ1	578.75	Before	Left Exterior Girder	33.75	0.95	1	1	11.749715
HS20_serv_opr	BOBJ1	578.75	Before	Interior Girder 1	33.75	0.95	1	1	10.95786
HS20_serv_opr	BOBJ1	578.75	Before	Interior Girder 2	33.75	0.95	1	1	10.95786
HS20_serv_opr	BOBJ1	578.75	Before	Right Exterior Girder	33.75	0.95	1	1	11.749715
HS20_serv_opr	BOBJ1	578.75	After	Left Exterior Girder	33.75	0.95	1	1	11.724561
HS20_serv_opr	BOBJ1	578.75	After	Interior Girder 1	33.75	0.95	1	1	10.975035
HS20_serv_opr	BOBJ1	578.75	After	Interior Girder 2	33.75	0.95	1	1	10.975035
HS20_serv_opr	BOBJ1	578.75	After	Right Exterior Girder	33.75	0.95	1	1	11.724561
HS20_serv_opr	BOBJ1	586.8142	Before	Left Exterior Girder	41.8142	0.95	1	1	14.122745
HS20_serv_opr	BOBJ1	586.8142	Before	Interior Girder 1	41.8142	0.95	1	1	13.426587
HS20_serv_opr	BOBJ1	586.8142	Before	Interior Girder 2	41.8142	0.95	1	1	13.426587
HS20_serv_opr	BOBJ1	586.8142	Before	Right Exterior Girder	41.8142	0.95	1	1	14.122745
HS20_serv_opr	BOBJ1	586.8142	After	Left Exterior Girder	41.8142	0.95	1	1	6.747821
HS20_serv_opr	BOBJ1	586.8142	After	Interior Girder 1	41.8142	0.95	1	1	6.434555
HS20_serv_opr	BOBJ1	586.8142	After	Interior Girder 2	41.8142	0.95	1	1	6.434555
HS20_serv_opr	BOBJ1	586.8142	After	Right Exterior Girder	41.8142	0.95	1	1	6.747821
HS20_serv_opr	BOBJ1	590	Before	Left Exterior Girder	45	0.95	1	1	7.586164
HS20_serv_opr	BOBJ1	590	Before	Interior Girder 1	45	0.95	1	1	7.283936
HS20_serv_opr	BOBJ1	590	Before	Interior Girder 2	45	0.95	1	1	7.283936
HS20_serv_opr	BOBJ1	590	Before	Right Exterior Girder	45	0.95	1	1	7.586164
HS20_serv_opr	BOBJ1	590	After	Left Exterior Girder	45	0.95	1	1	7.622053
HS20_serv_opr	BOBJ1	590	After	Interior Girder 1	45	0.95	1	1	7.307346
HS20_serv_opr	BOBJ1	590	After	Interior Girder 2	45	0.95	1	1	7.307346
HS20_serv_opr	BOBJ1	590	After	Right Exterior Girder	45	0.95	1	1	7.622053
HS20_serv_opr	BOBJ1	601.25	Before	Left Exterior Girder	56.25	0.95	1	1	10.657923
HS20_serv_opr	BOBJ1	601.25	Before	Interior Girder 1	56.25	0.95	1	1	10.364083
HS20_serv_opr	BOBJ1	601.25	Before	Interior Girder 2	56.25	0.95	1	1	10.364083
HS20_serv_opr	BOBJ1	601.25	Before	Right Exterior Girder	56.25	0.95	1	1	10.657923
HS20_serv_opr	BOBJ1	601.25	After	Left Exterior Girder	56.25	0.95	1	1	10.643528
HS20_serv_opr	BOBJ1	601.25	After	Interior Girder 1	56.25	0.95	1	1	10.376771
HS20_serv_opr	BOBJ1	601.25	After	Interior Girder 2	56.25	0.95	1	1	10.376771
HS20_serv_opr	BOBJ1	601.25	After	Right Exterior Girder	56.25	0.95	1	1	10.643527
HS20_serv_opr	BOBJ1	601.7478	Before	Left Exterior Girder	56.7478	0.95	1	1	10.780009
HS20_serv_opr	BOBJ1	601.7478	Before	Interior Girder 1	56.7478	0.95	1	1	10.518293
HS20_serv_opr	BOBJ1	601.7478	Before	Interior Girder 2	56.7478	0.95	1	1	10.518293
HS20_serv_opr	BOBJ1	601.7478	Before	Right Exterior Girder	56.7478	0.95	1	1	10.780009
HS20_serv_opr	BOBJ1	601.7478	After	Left Exterior Girder	56.7478	0.95	1	1	4.286394
HS20_serv_opr	BOBJ1	601.7478	After	Interior Girder 1	56.7478	0.95	1	1	4.216415
HS20_serv_opr	BOBJ1	601.7478	After	Interior Girder 2	56.7478	0.95	1	1	4.216415
HS20_serv_opr	BOBJ1	601.7478	After	Right Exterior Girder	56.7478	0.95	1	1	4.286394
HS20_serv_opr	BOBJ1	612.5	Before	Left Exterior Girder	67.5	0.95	1	1	6.897625
HS20_serv_opr	BOBJ1	612.5	Before	Interior Girder 1	67.5	0.95	1	1	6.845159

TABLE: Bridge Super Rating AASHTORATE18 26 - SteelINonCompServ-Flx - Main Span Girders									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
HS20_serv_opr	BOBJ1	612.5	Before	Interior Girder 2	67.5	0.95	1	1	6.845159
HS20_serv_opr	BOBJ1	612.5	Before	Right Exterior Girder	67.5	0.95	1	1	6.897625
HS20_serv_opr	BOBJ1	612.5	After	Left Exterior Girder	67.5	0.95	1	1	6.837598
HS20_serv_opr	BOBJ1	612.5	After	Interior Girder 1	67.5	0.95	1	1	6.808842
HS20_serv_opr	BOBJ1	612.5	After	Interior Girder 2	67.5	0.95	1	1	6.808842
HS20_serv_opr	BOBJ1	612.5	After	Right Exterior Girder	67.5	0.95	1	1	6.837598
HS20_serv_opr	BOBJ1	623.75	Before	Left Exterior Girder	78.75	0.95	1	1	6.343867
HS20_serv_opr	BOBJ1	623.75	Before	Interior Girder 1	78.75	0.95	1	1	5.297004
HS20_serv_opr	BOBJ1	623.75	Before	Interior Girder 2	78.75	0.95	1	1	5.297004
HS20_serv_opr	BOBJ1	623.75	Before	Right Exterior Girder	78.75	0.95	1	1	6.343867
HS20_serv_opr	BOBJ1	623.75	After	Left Exterior Girder	78.75	0.95	1	1	6.349455
HS20_serv_opr	BOBJ1	623.75	After	Interior Girder 1	78.75	0.95	1	1	5.293352
HS20_serv_opr	BOBJ1	623.75	After	Interior Girder 2	78.75	0.95	1	1	5.293352
HS20_serv_opr	BOBJ1	623.75	After	Right Exterior Girder	78.75	0.95	1	1	6.349455
HS20_serv_opr	BOBJ1	635	Before	Left Exterior Girder	90	0.95	1	1	4.425781
HS20_serv_opr	BOBJ1	635	Before	Interior Girder 1	90	0.95	1	1	3.87092
HS20_serv_opr	BOBJ1	635	Before	Interior Girder 2	90	0.95	1	1	3.87092
HS20_serv_opr	BOBJ1	635	Before	Right Exterior Girder	90	0.95	1	1	4.425781
HS20_serv_opr	BOBJ1	635	After	Left Exterior Girder	90	0.95	1	1	4.505948
HS20_serv_opr	BOBJ1	635	After	Interior Girder 1	90	0.95	1	1	3.891491
HS20_serv_opr	BOBJ1	635	After	Interior Girder 2	90	0.95	1	1	3.891491
HS20_serv_opr	BOBJ1	635	After	Right Exterior Girder	90	0.95	1	1	4.505948
HS20_serv_opr	BOBJ1	643.5619	Before	Left Exterior Girder	98.5619	0.95	1	1	3.519608
HS20_serv_opr	BOBJ1	643.5619	Before	Interior Girder 1	98.5619	0.95	1	1	3.072449
HS20_serv_opr	BOBJ1	643.5619	Before	Interior Girder 2	98.5619	0.95	1	1	3.072449
HS20_serv_opr	BOBJ1	643.5619	Before	Right Exterior Girder	98.5619	0.95	1	1	3.519608
HS20_serv_opr	BOBJ1	643.5619	After	Left Exterior Girder	98.5619	0.95	1	1	6.660739
HS20_serv_opr	BOBJ1	643.5619	After	Interior Girder 1	98.5619	0.95	1	1	5.808243
HS20_serv_opr	BOBJ1	643.5619	After	Interior Girder 2	98.5619	0.95	1	1	5.808242
HS20_serv_opr	BOBJ1	643.5619	After	Right Exterior Girder	98.5619	0.95	1	1	6.660739
HS20_serv_opr	BOBJ1	646.25	Before	Left Exterior Girder	101.25	0.95	1	1	6.332043
HS20_serv_opr	BOBJ1	646.25	Before	Interior Girder 1	101.25	0.95	1	1	5.545723
HS20_serv_opr	BOBJ1	646.25	Before	Interior Girder 2	101.25	0.95	1	1	5.545723
HS20_serv_opr	BOBJ1	646.25	Before	Right Exterior Girder	101.25	0.95	1	1	6.332043
HS20_serv_opr	BOBJ1	646.25	After	Left Exterior Girder	101.25	0.95	1	1	6.329062
HS20_serv_opr	BOBJ1	646.25	After	Interior Girder 1	101.25	0.95	1	1	5.548479
HS20_serv_opr	BOBJ1	646.25	After	Interior Girder 2	101.25	0.95	1	1	5.548478
HS20_serv_opr	BOBJ1	646.25	After	Right Exterior Girder	101.25	0.95	1	1	6.329062
HS20_serv_opr	BOBJ1	657.5	Before	Left Exterior Girder	112.5	0.95	1	1	5.250563
HS20_serv_opr	BOBJ1	657.5	Before	Interior Girder 1	112.5	0.95	1	1	4.727684
HS20_serv_opr	BOBJ1	657.5	Before	Interior Girder 2	112.5	0.95	1	1	4.727684
HS20_serv_opr	BOBJ1	657.5	Before	Right Exterior Girder	112.5	0.95	1	1	5.250563
HS20_serv_opr	BOBJ1	657.5	After	Left Exterior Girder	112.5	0.95	1	1	5.28503
HS20_serv_opr	BOBJ1	657.5	After	Interior Girder 1	112.5	0.95	1	1	4.734735
HS20_serv_opr	BOBJ1	657.5	After	Interior Girder 2	112.5	0.95	1	1	4.734735
HS20_serv_opr	BOBJ1	657.5	After	Right Exterior Girder	112.5	0.95	1	1	5.28503
HS20_serv_opr	BOBJ1	668.75	Before	Left Exterior Girder	123.75	0.95	1	1	4.652568
HS20_serv_opr	BOBJ1	668.75	Before	Interior Girder 1	123.75	0.95	1	1	4.166728
HS20_serv_opr	BOBJ1	668.75	Before	Interior Girder 2	123.75	0.95	1	1	4.166728
HS20_serv_opr	BOBJ1	668.75	Before	Right Exterior Girder	123.75	0.95	1	1	4.652568
HS20_serv_opr	BOBJ1	668.75	After	Left Exterior Girder	123.75	0.95	1	1	4.658511
HS20_serv_opr	BOBJ1	668.75	After	Interior Girder 1	123.75	0.95	1	1	4.173003
HS20_serv_opr	BOBJ1	668.75	After	Interior Girder 2	123.75	0.95	1	1	4.173003
HS20_serv_opr	BOBJ1	668.75	After	Right Exterior Girder	123.75	0.95	1	1	4.658511
HS20_serv_opr	BOBJ1	680	Before	Left Exterior Girder	135	0.95	1	1	4.273626
HS20_serv_opr	BOBJ1	680	Before	Interior Girder 1	135	0.95	1	1	3.887444
HS20_serv_opr	BOBJ1	680	Before	Interior Girder 2	135	0.95	1	1	3.887445
HS20_serv_opr	BOBJ1	680	Before	Right Exterior Girder	135	0.95	1	1	4.273626
HS20_serv_opr	BOBJ1	680	After	Left Exterior Girder	135	0.95	1	1	4.270821
HS20_serv_opr	BOBJ1	680	After	Interior Girder 1	135	0.95	1	1	3.88571
HS20_serv_opr	BOBJ1	680	After	Interior Girder 2	135	0.95	1	1	3.88571
HS20_serv_opr	BOBJ1	680	After	Right Exterior Girder	135	0.95	1	1	4.270821
HS20_serv_opr	BOBJ1	691.25	Before	Left Exterior Girder	146.25	0.95	1	1	4.191073
HS20_serv_opr	BOBJ1	691.25	Before	Interior Girder 1	146.25	0.95	1	1	3.747449
HS20_serv_opr	BOBJ1	691.25	Before	Interior Girder 2	146.25	0.95	1	1	3.747449
HS20_serv_opr	BOBJ1	691.25	Before	Right Exterior Girder	146.25	0.95	1	1	4.191073
HS20_serv_opr	BOBJ1	691.25	After	Left Exterior Girder	146.25	0.95	1	1	4.194156
HS20_serv_opr	BOBJ1	691.25	After	Interior Girder 1	146.25	0.95	1	1	3.744092
HS20_serv_opr	BOBJ1	691.25	After	Interior Girder 2	146.25	0.95	1	1	3.744092
HS20_serv_opr	BOBJ1	691.25	After	Right Exterior Girder	146.25	0.95	1	1	4.194156

TABLE: Bridge Super Rating AASHTORATE18 26 - SteelNonCompServ-Flx - Main Span Girders									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
HS20_serv_opr	BOBJ1	702.5	Before	Left Exterior Girder	157.5	0.95	1	1	4.360146
HS20_serv_opr	BOBJ1	702.5	Before	Interior Girder 1	157.5	0.95	1	1	3.877486
HS20_serv_opr	BOBJ1	702.5	Before	Interior Girder 2	157.5	0.95	1	1	3.877486
HS20_serv_opr	BOBJ1	702.5	Before	Right Exterior Girder	157.5	0.95	1	1	4.360146
HS20_serv_opr	BOBJ1	702.5	After	Left Exterior Girder	157.5	0.95	1	1	4.320421
HS20_serv_opr	BOBJ1	702.5	After	Interior Girder 1	157.5	0.95	1	1	3.892565
HS20_serv_opr	BOBJ1	702.5	After	Interior Girder 2	157.5	0.95	1	1	3.892565
HS20_serv_opr	BOBJ1	702.5	After	Right Exterior Girder	157.5	0.95	1	1	4.32042
HS20_serv_opr	BOBJ1	713.75	Before	Left Exterior Girder	168.75	0.95	1	1	4.88118
HS20_serv_opr	BOBJ1	713.75	Before	Interior Girder 1	168.75	0.95	1	1	4.217345
HS20_serv_opr	BOBJ1	713.75	Before	Interior Girder 2	168.75	0.95	1	1	4.217345
HS20_serv_opr	BOBJ1	713.75	Before	Right Exterior Girder	168.75	0.95	1	1	4.88118
HS20_serv_opr	BOBJ1	713.75	After	Left Exterior Girder	168.75	0.95	1	1	4.881424
HS20_serv_opr	BOBJ1	713.75	After	Interior Girder 1	168.75	0.95	1	1	4.217475
HS20_serv_opr	BOBJ1	713.75	After	Interior Girder 2	168.75	0.95	1	1	4.217475
HS20_serv_opr	BOBJ1	713.75	After	Right Exterior Girder	168.75	0.95	1	1	4.881423
HS20_serv_opr	BOBJ1	725	Before	Left Exterior Girder	180	0.95	1	1	5.928083
HS20_serv_opr	BOBJ1	725	Before	Interior Girder 1	180	0.95	1	1	4.986141
HS20_serv_opr	BOBJ1	725	Before	Interior Girder 2	180	0.95	1	1	4.986141
HS20_serv_opr	BOBJ1	725	Before	Right Exterior Girder	180	0.95	1	1	5.928082
HS20_serv_opr	BOBJ1	725	After	Left Exterior Girder	180	0.95	1	1	5.852171
HS20_serv_opr	BOBJ1	725	After	Interior Girder 1	180	0.95	1	1	5.032644
HS20_serv_opr	BOBJ1	725	After	Interior Girder 2	180	0.95	1	1	5.032644
HS20_serv_opr	BOBJ1	725	After	Right Exterior Girder	180	0.95	1	1	5.852171
HS20_serv_opr	BOBJ1	731.1726	Before	Left Exterior Girder	186.1726	0.95	1	1	6.828425
HS20_serv_opr	BOBJ1	731.1726	Before	Interior Girder 1	186.1726	0.95	1	1	5.630522
HS20_serv_opr	BOBJ1	731.1726	Before	Interior Girder 2	186.1726	0.95	1	1	5.630522
HS20_serv_opr	BOBJ1	731.1726	Before	Right Exterior Girder	186.1726	0.95	1	1	6.828425
HS20_serv_opr	BOBJ1	731.1726	After	Left Exterior Girder	186.1726	0.95	1	1	2.932918
HS20_serv_opr	BOBJ1	731.1726	After	Interior Girder 1	186.1726	0.95	1	1	2.406193
HS20_serv_opr	BOBJ1	731.1726	After	Interior Girder 2	186.1726	0.95	1	1	2.406193
HS20_serv_opr	BOBJ1	731.1726	After	Right Exterior Girder	186.1726	0.95	1	1	2.932918
HS20_serv_opr	BOBJ1	736.25	Before	Left Exterior Girder	191.25	0.95	1	1	3.610806
HS20_serv_opr	BOBJ1	736.25	Before	Interior Girder 1	191.25	0.95	1	1	2.850094
HS20_serv_opr	BOBJ1	736.25	Before	Interior Girder 2	191.25	0.95	1	1	2.850094
HS20_serv_opr	BOBJ1	736.25	Before	Right Exterior Girder	191.25	0.95	1	1	3.610806
HS20_serv_opr	BOBJ1	736.25	After	Left Exterior Girder	191.25	0.95	1	1	3.600347
HS20_serv_opr	BOBJ1	736.25	After	Interior Girder 1	191.25	0.95	1	1	2.848717
HS20_serv_opr	BOBJ1	736.25	After	Interior Girder 2	191.25	0.95	1	1	2.848717
HS20_serv_opr	BOBJ1	736.25	After	Right Exterior Girder	191.25	0.95	1	1	3.600347
HS20_serv_opr	BOBJ1	747.5	Before	Left Exterior Girder	202.5	0.95	1	1	6.266411
HS20_serv_opr	BOBJ1	747.5	Before	Interior Girder 1	202.5	0.95	1	1	4.614264
HS20_serv_opr	BOBJ1	747.5	Before	Interior Girder 2	202.5	0.95	1	1	4.614264
HS20_serv_opr	BOBJ1	747.5	Before	Right Exterior Girder	202.5	0.95	1	1	6.266411
HS20_serv_opr	BOBJ1	747.5	After	Left Exterior Girder	202.5	0.95	1	1	6.009158
HS20_serv_opr	BOBJ1	747.5	After	Interior Girder 1	202.5	0.95	1	1	4.553013
HS20_serv_opr	BOBJ1	747.5	After	Interior Girder 2	202.5	0.95	1	1	4.553013
HS20_serv_opr	BOBJ1	747.5	After	Right Exterior Girder	202.5	0.95	1	1	6.009156
HS20_serv_opr	BOBJ1	758.75	Before	Left Exterior Girder	213.75	0.95	1	1	14.15537
HS20_serv_opr	BOBJ1	758.75	Before	Interior Girder 1	213.75	0.95	1	1	9.474249
HS20_serv_opr	BOBJ1	758.75	Before	Interior Girder 2	213.75	0.95	1	1	9.474249
HS20_serv_opr	BOBJ1	758.75	Before	Right Exterior Girder	213.75	0.95	1	1	14.155366
HS20_serv_opr	BOBJ1	758.75	After	Left Exterior Girder	213.75	0.95	1	1	14.10951
HS20_serv_opr	BOBJ1	758.75	After	Interior Girder 1	213.75	0.95	1	1	9.349469
HS20_serv_opr	BOBJ1	758.75	After	Interior Girder 2	213.75	0.95	1	1	9.349469
HS20_serv_opr	BOBJ1	758.75	After	Right Exterior Girder	213.75	0.95	1	1	14.109506
HS20_serv_opr	BOBJ1	770	Before	Left Exterior Girder	225	0.95	1	1	291.882252
HS20_serv_opr	BOBJ1	770	Before	Interior Girder 1	225	0.95	1	1	242.440982
HS20_serv_opr	BOBJ1	770	Before	Interior Girder 2	225	0.95	1	1	242.440131
HS20_serv_opr	BOBJ1	770	Before	Right Exterior Girder	225	0.95	1	1	291.883714
HS20_serv_inv	BOBJ1	0	After	Left Exterior Girder	0	0.95	1	1	224.525977
HS20_serv_inv	BOBJ1	0	After	Interior Girder 1	0	0.95	1	1	186.493046
HS20_serv_inv	BOBJ1	0	After	Interior Girder 2	0	0.95	1	1	186.492839
HS20_serv_inv	BOBJ1	0	After	Right Exterior Girder	0	0.95	1	1	224.525969
HS20_serv_inv	BOBJ1	11.25	Before	Left Exterior Girder	11.25	0.95	1	1	10.853467
HS20_serv_inv	BOBJ1	11.25	Before	Interior Girder 1	11.25	0.95	1	1	7.191899
HS20_serv_inv	BOBJ1	11.25	Before	Interior Girder 2	11.25	0.95	1	1	7.1919
HS20_serv_inv	BOBJ1	11.25	Before	Right Exterior Girder	11.25	0.95	1	1	10.853466
HS20_serv_inv	BOBJ1	11.25	After	Left Exterior Girder	11.25	0.95	1	1	10.888744
HS20_serv_inv	BOBJ1	11.25	After	Interior Girder 1	11.25	0.95	1	1	7.287884

TABLE: Bridge Super Rating AASHTORATE18 26 - SteelINonCompServ-Flx - Main Span Girders									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
HS20_serv_inv	BOBJ1	11.25	After	Interior Girder 2	11.25	0.95	1	1	7.287885
HS20_serv_inv	BOBJ1	11.25	After	Right Exterior Girder	11.25	0.95	1	1	10.888743
HS20_serv_inv	BOBJ1	22.5	Before	Left Exterior Girder	22.5	0.95	1	1	4.622428
HS20_serv_inv	BOBJ1	22.5	Before	Interior Girder 1	22.5	0.95	1	1	3.502318
HS20_serv_inv	BOBJ1	22.5	Before	Interior Girder 2	22.5	0.95	1	1	3.502318
HS20_serv_inv	BOBJ1	22.5	Before	Right Exterior Girder	22.5	0.95	1	1	4.622428
HS20_serv_inv	BOBJ1	22.5	After	Left Exterior Girder	22.5	0.95	1	1	4.820315
HS20_serv_inv	BOBJ1	22.5	After	Interior Girder 1	22.5	0.95	1	1	3.549434
HS20_serv_inv	BOBJ1	22.5	After	Interior Girder 2	22.5	0.95	1	1	3.549435
HS20_serv_inv	BOBJ1	22.5	After	Right Exterior Girder	22.5	0.95	1	1	4.820316
HS20_serv_inv	BOBJ1	33.75	Before	Left Exterior Girder	33.75	0.95	1	1	2.769498
HS20_serv_inv	BOBJ1	33.75	Before	Interior Girder 1	33.75	0.95	1	1	2.191321
HS20_serv_inv	BOBJ1	33.75	Before	Interior Girder 2	33.75	0.95	1	1	2.191321
HS20_serv_inv	BOBJ1	33.75	Before	Right Exterior Girder	33.75	0.95	1	1	2.769498
HS20_serv_inv	BOBJ1	33.75	After	Left Exterior Girder	33.75	0.95	1	1	2.777543
HS20_serv_inv	BOBJ1	33.75	After	Interior Girder 1	33.75	0.95	1	1	2.19238
HS20_serv_inv	BOBJ1	33.75	After	Interior Girder 2	33.75	0.95	1	1	2.19238
HS20_serv_inv	BOBJ1	33.75	After	Right Exterior Girder	33.75	0.95	1	1	2.777543
HS20_serv_inv	BOBJ1	38.8274	Before	Left Exterior Girder	38.8274	0.95	1	1	2.256091
HS20_serv_inv	BOBJ1	38.8274	Before	Interior Girder 1	38.8274	0.95	1	1	1.850917
HS20_serv_inv	BOBJ1	38.8274	Before	Interior Girder 2	38.8274	0.95	1	1	1.850918
HS20_serv_inv	BOBJ1	38.8274	Before	Right Exterior Girder	38.8274	0.95	1	1	2.256091
HS20_serv_inv	BOBJ1	38.8274	After	Left Exterior Girder	38.8274	0.95	1	1	5.252634
HS20_serv_inv	BOBJ1	38.8274	After	Interior Girder 1	38.8274	0.95	1	1	4.33117
HS20_serv_inv	BOBJ1	38.8274	After	Interior Girder 2	38.8274	0.95	1	1	4.331171
HS20_serv_inv	BOBJ1	38.8274	After	Right Exterior Girder	38.8274	0.95	1	1	5.252634
HS20_serv_inv	BOBJ1	45	Before	Left Exterior Girder	45	0.95	1	1	4.50167
HS20_serv_inv	BOBJ1	45	Before	Interior Girder 1	45	0.95	1	1	3.871265
HS20_serv_inv	BOBJ1	45	Before	Interior Girder 2	45	0.95	1	1	3.871265
HS20_serv_inv	BOBJ1	45	Before	Right Exterior Girder	45	0.95	1	1	4.50167
HS20_serv_inv	BOBJ1	45	After	Left Exterior Girder	45	0.95	1	1	4.560063
HS20_serv_inv	BOBJ1	45	After	Interior Girder 1	45	0.95	1	1	3.835493
HS20_serv_inv	BOBJ1	45	After	Interior Girder 2	45	0.95	1	1	3.835493
HS20_serv_inv	BOBJ1	45	After	Right Exterior Girder	45	0.95	1	1	4.560063
HS20_serv_inv	BOBJ1	56.25	Before	Left Exterior Girder	56.25	0.95	1	1	3.754941
HS20_serv_inv	BOBJ1	56.25	Before	Interior Girder 1	56.25	0.95	1	1	3.244212
HS20_serv_inv	BOBJ1	56.25	Before	Interior Girder 2	56.25	0.95	1	1	3.244211
HS20_serv_inv	BOBJ1	56.25	Before	Right Exterior Girder	56.25	0.95	1	1	3.754941
HS20_serv_inv	BOBJ1	56.25	After	Left Exterior Girder	56.25	0.95	1	1	3.754754
HS20_serv_inv	BOBJ1	56.25	After	Interior Girder 1	56.25	0.95	1	1	3.244112
HS20_serv_inv	BOBJ1	56.25	After	Interior Girder 2	56.25	0.95	1	1	3.244111
HS20_serv_inv	BOBJ1	56.25	After	Right Exterior Girder	56.25	0.95	1	1	3.754754
HS20_serv_inv	BOBJ1	67.5	Before	Left Exterior Girder	67.5	0.95	1	1	3.3234
HS20_serv_inv	BOBJ1	67.5	Before	Interior Girder 1	67.5	0.95	1	1	2.994281
HS20_serv_inv	BOBJ1	67.5	Before	Interior Girder 2	67.5	0.95	1	1	2.99428
HS20_serv_inv	BOBJ1	67.5	Before	Right Exterior Girder	67.5	0.95	1	1	3.323401
HS20_serv_inv	BOBJ1	67.5	After	Left Exterior Girder	67.5	0.95	1	1	3.353958
HS20_serv_inv	BOBJ1	67.5	After	Interior Girder 1	67.5	0.95	1	1	2.982681
HS20_serv_inv	BOBJ1	67.5	After	Interior Girder 2	67.5	0.95	1	1	2.982681
HS20_serv_inv	BOBJ1	67.5	After	Right Exterior Girder	67.5	0.95	1	1	3.353959
HS20_serv_inv	BOBJ1	78.75	Before	Left Exterior Girder	78.75	0.95	1	1	3.226274
HS20_serv_inv	BOBJ1	78.75	Before	Interior Girder 1	78.75	0.95	1	1	2.88007
HS20_serv_inv	BOBJ1	78.75	Before	Interior Girder 2	78.75	0.95	1	1	2.88007
HS20_serv_inv	BOBJ1	78.75	Before	Right Exterior Girder	78.75	0.95	1	1	3.226274
HS20_serv_inv	BOBJ1	78.75	After	Left Exterior Girder	78.75	0.95	1	1	3.223903
HS20_serv_inv	BOBJ1	78.75	After	Interior Girder 1	78.75	0.95	1	1	2.882653
HS20_serv_inv	BOBJ1	78.75	After	Interior Girder 2	78.75	0.95	1	1	2.882652
HS20_serv_inv	BOBJ1	78.75	After	Right Exterior Girder	78.75	0.95	1	1	3.223903
HS20_serv_inv	BOBJ1	90	Before	Left Exterior Girder	90	0.95	1	1	3.285247
HS20_serv_inv	BOBJ1	90	Before	Interior Girder 1	90	0.95	1	1	2.989008
HS20_serv_inv	BOBJ1	90	Before	Interior Girder 2	90	0.95	1	1	2.989007
HS20_serv_inv	BOBJ1	90	Before	Right Exterior Girder	90	0.95	1	1	3.285247
HS20_serv_inv	BOBJ1	90	After	Left Exterior Girder	90	0.95	1	1	3.287405
HS20_serv_inv	BOBJ1	90	After	Interior Girder 1	90	0.95	1	1	2.990342
HS20_serv_inv	BOBJ1	90	After	Interior Girder 2	90	0.95	1	1	2.990341
HS20_serv_inv	BOBJ1	90	After	Right Exterior Girder	90	0.95	1	1	3.287405
HS20_serv_inv	BOBJ1	101.25	Before	Left Exterior Girder	101.25	0.95	1	1	3.58347
HS20_serv_inv	BOBJ1	101.25	Before	Interior Girder 1	101.25	0.95	1	1	3.210002
HS20_serv_inv	BOBJ1	101.25	Before	Interior Girder 2	101.25	0.95	1	1	3.210002
HS20_serv_inv	BOBJ1	101.25	Before	Right Exterior Girder	101.25	0.95	1	1	3.58347

TABLE: Bridge Super Rating AASHTORATE18 26 - SteelNonCompServ-Flx - Main Span Girders									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
HS20_serv_inv	BOBJ1	101.25	After	Left Exterior Girder	101.25	0.95	1	1	3.578899
HS20_serv_inv	BOBJ1	101.25	After	Interior Girder 1	101.25	0.95	1	1	3.205175
HS20_serv_inv	BOBJ1	101.25	After	Interior Girder 2	101.25	0.95	1	1	3.205175
HS20_serv_inv	BOBJ1	101.25	After	Right Exterior Girder	101.25	0.95	1	1	3.578899
HS20_serv_inv	BOBJ1	112.5	Before	Left Exterior Girder	112.5	0.95	1	1	4.065408
HS20_serv_inv	BOBJ1	112.5	Before	Interior Girder 1	112.5	0.95	1	1	3.642104
HS20_serv_inv	BOBJ1	112.5	Before	Interior Girder 2	112.5	0.95	1	1	3.642104
HS20_serv_inv	BOBJ1	112.5	Before	Right Exterior Girder	112.5	0.95	1	1	4.065408
HS20_serv_inv	BOBJ1	112.5	After	Left Exterior Girder	112.5	0.95	1	1	4.038895
HS20_serv_inv	BOBJ1	112.5	After	Interior Girder 1	112.5	0.95	1	1	3.63668
HS20_serv_inv	BOBJ1	112.5	After	Interior Girder 2	112.5	0.95	1	1	3.63668
HS20_serv_inv	BOBJ1	112.5	After	Right Exterior Girder	112.5	0.95	1	1	4.038895
HS20_serv_inv	BOBJ1	123.75	Before	Left Exterior Girder	123.75	0.95	1	1	4.86851
HS20_serv_inv	BOBJ1	123.75	Before	Interior Girder 1	123.75	0.95	1	1	4.26806
HS20_serv_inv	BOBJ1	123.75	Before	Interior Girder 2	123.75	0.95	1	1	4.268061
HS20_serv_inv	BOBJ1	123.75	Before	Right Exterior Girder	123.75	0.95	1	1	4.868509
HS20_serv_inv	BOBJ1	123.75	After	Left Exterior Girder	123.75	0.95	1	1	4.870802
HS20_serv_inv	BOBJ1	123.75	After	Interior Girder 1	123.75	0.95	1	1	4.26594
HS20_serv_inv	BOBJ1	123.75	After	Interior Girder 2	123.75	0.95	1	1	4.265941
HS20_serv_inv	BOBJ1	123.75	After	Right Exterior Girder	123.75	0.95	1	1	4.870802
HS20_serv_inv	BOBJ1	126.4381	Before	Left Exterior Girder	126.4381	0.95	1	1	5.123646
HS20_serv_inv	BOBJ1	126.4381	Before	Interior Girder 1	126.4381	0.95	1	1	4.467879
HS20_serv_inv	BOBJ1	126.4381	Before	Interior Girder 2	126.4381	0.95	1	1	4.467879
HS20_serv_inv	BOBJ1	126.4381	Before	Right Exterior Girder	126.4381	0.95	1	1	5.123645
HS20_serv_inv	BOBJ1	126.4381	After	Left Exterior Girder	126.4381	0.95	1	1	2.707391
HS20_serv_inv	BOBJ1	126.4381	After	Interior Girder 1	126.4381	0.95	1	1	2.363422
HS20_serv_inv	BOBJ1	126.4381	After	Interior Girder 2	126.4381	0.95	1	1	2.363422
HS20_serv_inv	BOBJ1	126.4381	After	Right Exterior Girder	126.4381	0.95	1	1	2.707391
HS20_serv_inv	BOBJ1	135	Before	Left Exterior Girder	135	0.95	1	1	3.466084
HS20_serv_inv	BOBJ1	135	Before	Interior Girder 1	135	0.95	1	1	2.993454
HS20_serv_inv	BOBJ1	135	Before	Interior Girder 2	135	0.95	1	1	2.993455
HS20_serv_inv	BOBJ1	135	Before	Right Exterior Girder	135	0.95	1	1	3.466084
HS20_serv_inv	BOBJ1	135	After	Left Exterior Girder	135	0.95	1	1	3.404447
HS20_serv_inv	BOBJ1	135	After	Interior Girder 1	135	0.95	1	1	2.977631
HS20_serv_inv	BOBJ1	135	After	Interior Girder 2	135	0.95	1	1	2.977631
HS20_serv_inv	BOBJ1	135	After	Right Exterior Girder	135	0.95	1	1	3.404446
HS20_serv_inv	BOBJ1	146.25	Before	Left Exterior Girder	146.25	0.95	1	1	4.884196
HS20_serv_inv	BOBJ1	146.25	Before	Interior Girder 1	146.25	0.95	1	1	4.071809
HS20_serv_inv	BOBJ1	146.25	Before	Interior Girder 2	146.25	0.95	1	1	4.071809
HS20_serv_inv	BOBJ1	146.25	Before	Right Exterior Girder	146.25	0.95	1	1	4.884196
HS20_serv_inv	BOBJ1	146.25	After	Left Exterior Girder	146.25	0.95	1	1	4.879903
HS20_serv_inv	BOBJ1	146.25	After	Interior Girder 1	146.25	0.95	1	1	4.074619
HS20_serv_inv	BOBJ1	146.25	After	Interior Girder 2	146.25	0.95	1	1	4.074619
HS20_serv_inv	BOBJ1	146.25	After	Right Exterior Girder	146.25	0.95	1	1	4.879903
HS20_serv_inv	BOBJ1	157.5	Before	Left Exterior Girder	157.5	0.95	1	1	5.259691
HS20_serv_inv	BOBJ1	157.5	Before	Interior Girder 1	157.5	0.95	1	1	5.237571
HS20_serv_inv	BOBJ1	157.5	Before	Interior Girder 2	157.5	0.95	1	1	5.237571
HS20_serv_inv	BOBJ1	157.5	Before	Right Exterior Girder	157.5	0.95	1	1	5.259691
HS20_serv_inv	BOBJ1	157.5	After	Left Exterior Girder	157.5	0.95	1	1	5.305865
HS20_serv_inv	BOBJ1	157.5	After	Interior Girder 1	157.5	0.95	1	1	5.265507
HS20_serv_inv	BOBJ1	157.5	After	Interior Girder 2	157.5	0.95	1	1	5.265506
HS20_serv_inv	BOBJ1	157.5	After	Right Exterior Girder	157.5	0.95	1	1	5.305865
HS20_serv_inv	BOBJ1	168.2522	Before	Left Exterior Girder	168.2522	0.95	1	1	3.300004
HS20_serv_inv	BOBJ1	168.2522	Before	Interior Girder 1	168.2522	0.95	1	1	3.239742
HS20_serv_inv	BOBJ1	168.2522	Before	Interior Girder 2	168.2522	0.95	1	1	3.239742
HS20_serv_inv	BOBJ1	168.2522	Before	Right Exterior Girder	168.2522	0.95	1	1	3.300005
HS20_serv_inv	BOBJ1	168.2522	After	Left Exterior Girder	168.2522	0.95	1	1	8.297622
HS20_serv_inv	BOBJ1	168.2522	After	Interior Girder 1	168.2522	0.95	1	1	8.084395
HS20_serv_inv	BOBJ1	168.2522	After	Interior Girder 2	168.2522	0.95	1	1	8.084395
HS20_serv_inv	BOBJ1	168.2522	After	Right Exterior Girder	168.2522	0.95	1	1	8.297623
HS20_serv_inv	BOBJ1	168.75	Before	Left Exterior Girder	168.75	0.95	1	1	8.187329
HS20_serv_inv	BOBJ1	168.75	Before	Interior Girder 1	168.75	0.95	1	1	7.982132
HS20_serv_inv	BOBJ1	168.75	Before	Interior Girder 2	168.75	0.95	1	1	7.982132
HS20_serv_inv	BOBJ1	168.75	Before	Right Exterior Girder	168.75	0.95	1	1	8.187329
HS20_serv_inv	BOBJ1	168.75	After	Left Exterior Girder	168.75	0.95	1	1	8.198403
HS20_serv_inv	BOBJ1	168.75	After	Interior Girder 1	168.75	0.95	1	1	7.972372
HS20_serv_inv	BOBJ1	168.75	After	Interior Girder 2	168.75	0.95	1	1	7.972371
HS20_serv_inv	BOBJ1	168.75	After	Right Exterior Girder	168.75	0.95	1	1	8.198403
HS20_serv_inv	BOBJ1	180	Before	Left Exterior Girder	180	0.95	1	1	5.863118
HS20_serv_inv	BOBJ1	180	Before	Interior Girder 1	180	0.95	1	1	5.621035

TABLE: Bridge Super Rating AASHTORATE18 26 - SteelNonCompServ-Flx - Main Span Girders									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
HS20_serv_inv	BOBJ1	180	Before	Interior Girder 2	180	0.95	1	1	5.621035
HS20_serv_inv	BOBJ1	180	Before	Right Exterior Girder	180	0.95	1	1	5.863118
HS20_serv_inv	BOBJ1	180	After	Left Exterior Girder	180	0.95	1	1	5.835511
HS20_serv_inv	BOBJ1	180	After	Interior Girder 1	180	0.95	1	1	5.603028
HS20_serv_inv	BOBJ1	180	After	Interior Girder 2	180	0.95	1	1	5.603028
HS20_serv_inv	BOBJ1	180	After	Right Exterior Girder	180	0.95	1	1	5.835511
HS20_serv_inv	BOBJ1	183.1858	Before	Left Exterior Girder	183.1858	0.95	1	1	5.186069
HS20_serv_inv	BOBJ1	183.1858	Before	Interior Girder 1	183.1858	0.95	1	1	4.954157
HS20_serv_inv	BOBJ1	183.1858	Before	Interior Girder 2	183.1858	0.95	1	1	4.954157
HS20_serv_inv	BOBJ1	183.1858	Before	Right Exterior Girder	183.1858	0.95	1	1	5.186069
HS20_serv_inv	BOBJ1	183.1858	After	Left Exterior Girder	183.1858	0.95	1	1	10.856678
HS20_serv_inv	BOBJ1	183.1858	After	Interior Girder 1	183.1858	0.95	1	1	10.334336
HS20_serv_inv	BOBJ1	183.1858	After	Interior Girder 2	183.1858	0.95	1	1	10.334336
HS20_serv_inv	BOBJ1	183.1858	After	Right Exterior Girder	183.1858	0.95	1	1	10.856679
HS20_serv_inv	BOBJ1	191.25	Before	Left Exterior Girder	191.25	0.95	1	1	9.018893
HS20_serv_inv	BOBJ1	191.25	Before	Interior Girder 1	191.25	0.95	1	1	8.442335
HS20_serv_inv	BOBJ1	191.25	Before	Interior Girder 2	191.25	0.95	1	1	8.442335
HS20_serv_inv	BOBJ1	191.25	Before	Right Exterior Girder	191.25	0.95	1	1	9.018893
HS20_serv_inv	BOBJ1	191.25	After	Left Exterior Girder	191.25	0.95	1	1	9.038242
HS20_serv_inv	BOBJ1	191.25	After	Interior Girder 1	191.25	0.95	1	1	8.429123
HS20_serv_inv	BOBJ1	191.25	After	Interior Girder 2	191.25	0.95	1	1	8.429123
HS20_serv_inv	BOBJ1	191.25	After	Right Exterior Girder	191.25	0.95	1	1	9.038242
HS20_serv_inv	BOBJ1	199.9414	Before	Left Exterior Girder	199.9414	0.95	1	1	7.000701
HS20_serv_inv	BOBJ1	199.9414	Before	Interior Girder 1	199.9414	0.95	1	1	6.475707
HS20_serv_inv	BOBJ1	199.9414	Before	Interior Girder 2	199.9414	0.95	1	1	6.475707
HS20_serv_inv	BOBJ1	199.9414	Before	Right Exterior Girder	199.9414	0.95	1	1	7.000701
HS20_serv_inv	BOBJ1	199.9414	After	Left Exterior Girder	199.9414	0.95	1	1	11.451738
HS20_serv_inv	BOBJ1	199.9414	After	Interior Girder 1	199.9414	0.95	1	1	10.570933
HS20_serv_inv	BOBJ1	199.9414	After	Interior Girder 2	199.9414	0.95	1	1	10.570934
HS20_serv_inv	BOBJ1	199.9414	After	Right Exterior Girder	199.9414	0.95	1	1	11.451738
HS20_serv_inv	BOBJ1	202.5	Before	Left Exterior Girder	202.5	0.95	1	1	10.538532
HS20_serv_inv	BOBJ1	202.5	Before	Interior Girder 1	202.5	0.95	1	1	9.942112
HS20_serv_inv	BOBJ1	202.5	Before	Interior Girder 2	202.5	0.95	1	1	9.942112
HS20_serv_inv	BOBJ1	202.5	Before	Right Exterior Girder	202.5	0.95	1	1	10.538532
HS20_serv_inv	BOBJ1	202.5	After	Left Exterior Girder	202.5	0.95	1	1	10.81134
HS20_serv_inv	BOBJ1	202.5	After	Interior Girder 1	202.5	0.95	1	1	9.956682
HS20_serv_inv	BOBJ1	202.5	After	Interior Girder 2	202.5	0.95	1	1	9.956682
HS20_serv_inv	BOBJ1	202.5	After	Right Exterior Girder	202.5	0.95	1	1	10.81134
HS20_serv_inv	BOBJ1	210.5642	Before	Left Exterior Girder	210.5642	0.95	1	1	8.121374
HS20_serv_inv	BOBJ1	210.5642	Before	Interior Girder 1	210.5642	0.95	1	1	7.782097
HS20_serv_inv	BOBJ1	210.5642	Before	Interior Girder 2	210.5642	0.95	1	1	7.782097
HS20_serv_inv	BOBJ1	210.5642	Before	Right Exterior Girder	210.5642	0.95	1	1	8.121374
HS20_serv_inv	BOBJ1	210.5642	After	Left Exterior Girder	210.5642	0.95	1	1	12.003938
HS20_serv_inv	BOBJ1	210.5642	After	Interior Girder 1	210.5642	0.95	1	1	11.514929
HS20_serv_inv	BOBJ1	210.5642	After	Interior Girder 2	210.5642	0.95	1	1	11.514929
HS20_serv_inv	BOBJ1	210.5642	After	Right Exterior Girder	210.5642	0.95	1	1	12.003938
HS20_serv_inv	BOBJ1	213.75	Before	Left Exterior Girder	213.75	0.95	1	1	10.795471
HS20_serv_inv	BOBJ1	213.75	Before	Interior Girder 1	213.75	0.95	1	1	10.212677
HS20_serv_inv	BOBJ1	213.75	Before	Interior Girder 2	213.75	0.95	1	1	10.212677
HS20_serv_inv	BOBJ1	213.75	Before	Right Exterior Girder	213.75	0.95	1	1	10.795471
HS20_serv_inv	BOBJ1	213.75	After	Left Exterior Girder	213.75	0.95	1	1	10.782414
HS20_serv_inv	BOBJ1	213.75	After	Interior Girder 1	213.75	0.95	1	1	10.195454
HS20_serv_inv	BOBJ1	213.75	After	Interior Girder 2	213.75	0.95	1	1	10.195454
HS20_serv_inv	BOBJ1	213.75	After	Right Exterior Girder	213.75	0.95	1	1	10.782414
HS20_serv_inv	BOBJ1	225	Before	Left Exterior Girder	225	0.95	1	1	6.844668
HS20_serv_inv	BOBJ1	225	Before	Interior Girder 1	225	0.95	1	1	6.211823
HS20_serv_inv	BOBJ1	225	Before	Interior Girder 2	225	0.95	1	1	6.211823
HS20_serv_inv	BOBJ1	225	Before	Right Exterior Girder	225	0.95	1	1	6.844668
HS20_serv_inv	BOBJ1	225	After	Left Exterior Girder	0	0.95	1	1	6.514915
HS20_serv_inv	BOBJ1	225	After	Interior Girder 1	0	0.95	1	1	6.034947
HS20_serv_inv	BOBJ1	225	After	Interior Girder 2	0	0.95	1	1	6.034947
HS20_serv_inv	BOBJ1	225	After	Right Exterior Girder	0	0.95	1	1	6.514915
HS20_serv_inv	BOBJ1	236.45	Before	Left Exterior Girder	11.45	0.95	1	1	10.891336
HS20_serv_inv	BOBJ1	236.45	Before	Interior Girder 1	11.45	0.95	1	1	10.841779
HS20_serv_inv	BOBJ1	236.45	Before	Interior Girder 2	11.45	0.95	1	1	10.84178
HS20_serv_inv	BOBJ1	236.45	Before	Right Exterior Girder	11.45	0.95	1	1	10.891336
HS20_serv_inv	BOBJ1	236.45	After	Left Exterior Girder	11.45	0.95	1	1	10.913664
HS20_serv_inv	BOBJ1	236.45	After	Interior Girder 1	11.45	0.95	1	1	10.847523
HS20_serv_inv	BOBJ1	236.45	After	Interior Girder 2	11.45	0.95	1	1	10.847524
HS20_serv_inv	BOBJ1	236.45	After	Right Exterior Girder	11.45	0.95	1	1	10.913663

TABLE: Bridge Super Rating AASHTORATE18 26 - SteelINonCompServ-Flx - Main Span Girders									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
HS20_serv_inv	BOBJ1	239.5082	Before	Left Exterior Girder	14.5082	0.95	1	1	12.398036
HS20_serv_inv	BOBJ1	239.5082	Before	Interior Girder 1	14.5082	0.95	1	1	12.402011
HS20_serv_inv	BOBJ1	239.5082	Before	Interior Girder 2	14.5082	0.95	1	1	12.402012
HS20_serv_inv	BOBJ1	239.5082	Before	Right Exterior Girder	14.5082	0.95	1	1	12.398036
HS20_serv_inv	BOBJ1	239.5082	After	Left Exterior Girder	14.5082	0.95	1	1	8.437584
HS20_serv_inv	BOBJ1	239.5082	After	Interior Girder 1	14.5082	0.95	1	1	8.442608
HS20_serv_inv	BOBJ1	239.5082	After	Interior Girder 2	14.5082	0.95	1	1	8.442608
HS20_serv_inv	BOBJ1	239.5082	After	Right Exterior Girder	14.5082	0.95	1	1	8.437584
HS20_serv_inv	BOBJ1	247.9	Before	Left Exterior Girder	22.9	0.95	1	1	12.374754
HS20_serv_inv	BOBJ1	247.9	Before	Interior Girder 1	22.9	0.95	1	1	12.234129
HS20_serv_inv	BOBJ1	247.9	Before	Interior Girder 2	22.9	0.95	1	1	12.234129
HS20_serv_inv	BOBJ1	247.9	Before	Right Exterior Girder	22.9	0.95	1	1	12.374754
HS20_serv_inv	BOBJ1	247.9	After	Left Exterior Girder	22.9	0.95	1	1	12.080249
HS20_serv_inv	BOBJ1	247.9	After	Interior Girder 1	22.9	0.95	1	1	12.247077
HS20_serv_inv	BOBJ1	247.9	After	Interior Girder 2	22.9	0.95	1	1	12.247077
HS20_serv_inv	BOBJ1	247.9	After	Right Exterior Girder	22.9	0.95	1	1	12.080249
HS20_serv_inv	BOBJ1	258.5189	Before	Left Exterior Girder	33.5189	0.95	1	1	16.762983
HS20_serv_inv	BOBJ1	258.5189	Before	Interior Girder 1	33.5189	0.95	1	1	15.650017
HS20_serv_inv	BOBJ1	258.5189	Before	Interior Girder 2	33.5189	0.95	1	1	15.650017
HS20_serv_inv	BOBJ1	258.5189	Before	Right Exterior Girder	33.5189	0.95	1	1	16.762984
HS20_serv_inv	BOBJ1	258.5189	After	Left Exterior Girder	33.5189	0.95	1	1	11.638368
HS20_serv_inv	BOBJ1	258.5189	After	Interior Girder 1	33.5189	0.95	1	1	10.749927
HS20_serv_inv	BOBJ1	258.5189	After	Interior Girder 2	33.5189	0.95	1	1	10.749927
HS20_serv_inv	BOBJ1	258.5189	After	Right Exterior Girder	33.5189	0.95	1	1	11.638368
HS20_serv_inv	BOBJ1	259.3	Before	Left Exterior Girder	34.3	0.95	1	1	11.87741
HS20_serv_inv	BOBJ1	259.3	Before	Interior Girder 1	34.3	0.95	1	1	10.984208
HS20_serv_inv	BOBJ1	259.3	Before	Interior Girder 2	34.3	0.95	1	1	10.984207
HS20_serv_inv	BOBJ1	259.3	Before	Right Exterior Girder	34.3	0.95	1	1	11.87741
HS20_serv_inv	BOBJ1	259.3	After	Left Exterior Girder	34.3	0.95	1	1	11.871738
HS20_serv_inv	BOBJ1	259.3	After	Interior Girder 1	34.3	0.95	1	1	10.989098
HS20_serv_inv	BOBJ1	259.3	After	Interior Girder 2	34.3	0.95	1	1	10.989097
HS20_serv_inv	BOBJ1	259.3	After	Right Exterior Girder	34.3	0.95	1	1	11.871738
HS20_serv_inv	BOBJ1	266.1031	Before	Left Exterior Girder	41.1031	0.95	1	1	13.890909
HS20_serv_inv	BOBJ1	266.1031	Before	Interior Girder 1	41.1031	0.95	1	1	13.063757
HS20_serv_inv	BOBJ1	266.1031	Before	Interior Girder 2	41.1031	0.95	1	1	13.063756
HS20_serv_inv	BOBJ1	266.1031	Before	Right Exterior Girder	41.1031	0.95	1	1	13.890909
HS20_serv_inv	BOBJ1	266.1031	After	Left Exterior Girder	41.1031	0.95	1	1	7.452772
HS20_serv_inv	BOBJ1	266.1031	After	Interior Girder 1	41.1031	0.95	1	1	7.014571
HS20_serv_inv	BOBJ1	266.1031	After	Interior Girder 2	41.1031	0.95	1	1	7.014571
HS20_serv_inv	BOBJ1	266.1031	After	Right Exterior Girder	41.1031	0.95	1	1	7.452772
HS20_serv_inv	BOBJ1	270.7	Before	Left Exterior Girder	45.7	0.95	1	1	8.716717
HS20_serv_inv	BOBJ1	270.7	Before	Interior Girder 1	45.7	0.95	1	1	8.290165
HS20_serv_inv	BOBJ1	270.7	Before	Interior Girder 2	45.7	0.95	1	1	8.290165
HS20_serv_inv	BOBJ1	270.7	Before	Right Exterior Girder	45.7	0.95	1	1	8.716717
HS20_serv_inv	BOBJ1	270.7	After	Left Exterior Girder	45.7	0.95	1	1	8.779286
HS20_serv_inv	BOBJ1	270.7	After	Interior Girder 1	45.7	0.95	1	1	8.338322
HS20_serv_inv	BOBJ1	270.7	After	Interior Girder 2	45.7	0.95	1	1	8.338322
HS20_serv_inv	BOBJ1	270.7	After	Right Exterior Girder	45.7	0.95	1	1	8.779286
HS20_serv_inv	BOBJ1	273.6874	Before	Left Exterior Girder	48.6874	0.95	1	1	9.618554
HS20_serv_inv	BOBJ1	273.6874	Before	Interior Girder 1	48.6874	0.95	1	1	9.171293
HS20_serv_inv	BOBJ1	273.6874	Before	Interior Girder 2	48.6874	0.95	1	1	9.171293
HS20_serv_inv	BOBJ1	273.6874	Before	Right Exterior Girder	48.6874	0.95	1	1	9.618554
HS20_serv_inv	BOBJ1	273.6874	After	Left Exterior Girder	48.6874	0.95	1	1	4.140219
HS20_serv_inv	BOBJ1	273.6874	After	Interior Girder 1	48.6874	0.95	1	1	3.97645
HS20_serv_inv	BOBJ1	273.6874	After	Interior Girder 2	48.6874	0.95	1	1	3.97645
HS20_serv_inv	BOBJ1	273.6874	After	Right Exterior Girder	48.6874	0.95	1	1	4.140219
HS20_serv_inv	BOBJ1	282.15	Before	Left Exterior Girder	57.15	0.95	1	1	6.345559
HS20_serv_inv	BOBJ1	282.15	Before	Interior Girder 1	57.15	0.95	1	1	6.151703
HS20_serv_inv	BOBJ1	282.15	Before	Interior Girder 2	57.15	0.95	1	1	6.151703
HS20_serv_inv	BOBJ1	282.15	Before	Right Exterior Girder	57.15	0.95	1	1	6.345559
HS20_serv_inv	BOBJ1	282.15	After	Left Exterior Girder	57.15	0.95	1	1	6.336489
HS20_serv_inv	BOBJ1	282.15	After	Interior Girder 1	57.15	0.95	1	1	6.160428
HS20_serv_inv	BOBJ1	282.15	After	Interior Girder 2	57.15	0.95	1	1	6.160428
HS20_serv_inv	BOBJ1	282.15	After	Right Exterior Girder	57.15	0.95	1	1	6.336489
HS20_serv_inv	BOBJ1	293.6	Before	Left Exterior Girder	68.6	0.95	1	1	4.784373
HS20_serv_inv	BOBJ1	293.6	Before	Interior Girder 1	68.6	0.95	1	1	3.808928
HS20_serv_inv	BOBJ1	293.6	Before	Interior Girder 2	68.6	0.95	1	1	3.808928
HS20_serv_inv	BOBJ1	293.6	Before	Right Exterior Girder	68.6	0.95	1	1	4.784372
HS20_serv_inv	BOBJ1	293.6	After	Left Exterior Girder	68.6	0.95	1	1	4.952126
HS20_serv_inv	BOBJ1	293.6	After	Interior Girder 1	68.6	0.95	1	1	3.881119

TABLE: Bridge Super Rating AASHTORATE18 26 - SteelNonCompServ-Flx - Main Span Girders									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
HS20_serv_inv	BOBJ1	293.6	After	Interior Girder 2	68.6	0.95	1	1	3.881119
HS20_serv_inv	BOBJ1	293.6	After	Right Exterior Girder	68.6	0.95	1	1	4.952125
HS20_serv_inv	BOBJ1	305	Before	Left Exterior Girder	80	0.95	1	1	2.676848
HS20_serv_inv	BOBJ1	305	Before	Interior Girder 1	80	0.95	1	1	2.153405
HS20_serv_inv	BOBJ1	305	Before	Interior Girder 2	80	0.95	1	1	2.153405
HS20_serv_inv	BOBJ1	305	Before	Right Exterior Girder	80	0.95	1	1	2.676848
HS20_serv_inv	BOBJ1	305	After	Left Exterior Girder	80	0.95	1	1	2.677551
HS20_serv_inv	BOBJ1	305	After	Interior Girder 1	80	0.95	1	1	2.152197
HS20_serv_inv	BOBJ1	305	After	Interior Girder 2	80	0.95	1	1	2.152197
HS20_serv_inv	BOBJ1	305	After	Right Exterior Girder	80	0.95	1	1	2.677551
HS20_serv_inv	BOBJ1	306.9561	Before	Left Exterior Girder	81.9561	0.95	1	1	2.373196
HS20_serv_inv	BOBJ1	306.9561	Before	Interior Girder 1	81.9561	0.95	1	1	1.92939
HS20_serv_inv	BOBJ1	306.9561	Before	Interior Girder 2	81.9561	0.95	1	1	1.92939
HS20_serv_inv	BOBJ1	306.9561	Before	Right Exterior Girder	81.9561	0.95	1	1	2.373196
HS20_serv_inv	BOBJ1	306.9561	After	Left Exterior Girder	81.9561	0.95	1	1	6.207006
HS20_serv_inv	BOBJ1	306.9561	After	Interior Girder 1	81.9561	0.95	1	1	5.110668
HS20_serv_inv	BOBJ1	306.9561	After	Interior Girder 2	81.9561	0.95	1	1	5.110668
HS20_serv_inv	BOBJ1	306.9561	After	Right Exterior Girder	81.9561	0.95	1	1	6.207006
HS20_serv_inv	BOBJ1	316.4	Before	Left Exterior Girder	91.4	0.95	1	1	4.562578
HS20_serv_inv	BOBJ1	316.4	Before	Interior Girder 1	91.4	0.95	1	1	3.898705
HS20_serv_inv	BOBJ1	316.4	Before	Interior Girder 2	91.4	0.95	1	1	3.898705
HS20_serv_inv	BOBJ1	316.4	Before	Right Exterior Girder	91.4	0.95	1	1	4.562578
HS20_serv_inv	BOBJ1	316.4	After	Left Exterior Girder	91.4	0.95	1	1	4.621701
HS20_serv_inv	BOBJ1	316.4	After	Interior Girder 1	91.4	0.95	1	1	3.899292
HS20_serv_inv	BOBJ1	316.4	After	Interior Girder 2	91.4	0.95	1	1	3.899292
HS20_serv_inv	BOBJ1	316.4	After	Right Exterior Girder	91.4	0.95	1	1	4.6217
HS20_serv_inv	BOBJ1	327.85	Before	Left Exterior Girder	102.9679	0.95	1	1	3.308656
HS20_serv_inv	BOBJ1	327.85	Before	Interior Girder 1	102.9679	0.95	1	1	2.815498
HS20_serv_inv	BOBJ1	327.85	Before	Interior Girder 2	102.9679	0.95	1	1	2.815498
HS20_serv_inv	BOBJ1	327.85	Before	Right Exterior Girder	102.9679	0.95	1	1	3.308656
HS20_serv_inv	BOBJ1	327.85	After	Left Exterior Girder	102.9679	0.95	1	1	6.390972
HS20_serv_inv	BOBJ1	327.85	After	Interior Girder 1	102.9679	0.95	1	1	5.527227
HS20_serv_inv	BOBJ1	327.85	After	Interior Girder 2	102.9679	0.95	1	1	5.527227
HS20_serv_inv	BOBJ1	327.85	After	Right Exterior Girder	102.9679	0.95	1	1	6.390972
HS20_serv_inv	BOBJ1	339.3	Before	Left Exterior Girder	114.3	0.95	1	1	5.198604
HS20_serv_inv	BOBJ1	339.3	Before	Interior Girder 1	114.3	0.95	1	1	4.61282
HS20_serv_inv	BOBJ1	339.3	Before	Interior Girder 2	114.3	0.95	1	1	4.61282
HS20_serv_inv	BOBJ1	339.3	Before	Right Exterior Girder	114.3	0.95	1	1	5.198604
HS20_serv_inv	BOBJ1	339.3	After	Left Exterior Girder	114.3	0.95	1	1	5.236781
HS20_serv_inv	BOBJ1	339.3	After	Interior Girder 1	114.3	0.95	1	1	4.618866
HS20_serv_inv	BOBJ1	339.3	After	Interior Girder 2	114.3	0.95	1	1	4.618866
HS20_serv_inv	BOBJ1	339.3	After	Right Exterior Girder	114.3	0.95	1	1	5.236782
HS20_serv_inv	BOBJ1	350.7	Before	Left Exterior Girder	125.7	0.95	1	1	4.489268
HS20_serv_inv	BOBJ1	350.7	Before	Interior Girder 1	125.7	0.95	1	1	3.962807
HS20_serv_inv	BOBJ1	350.7	Before	Interior Girder 2	125.7	0.95	1	1	3.962807
HS20_serv_inv	BOBJ1	350.7	Before	Right Exterior Girder	125.7	0.95	1	1	4.489268
HS20_serv_inv	BOBJ1	350.7	After	Left Exterior Girder	125.7	0.95	1	1	4.487996
HS20_serv_inv	BOBJ1	350.7	After	Interior Girder 1	125.7	0.95	1	1	3.963368
HS20_serv_inv	BOBJ1	350.7	After	Interior Girder 2	125.7	0.95	1	1	3.963368
HS20_serv_inv	BOBJ1	350.7	After	Right Exterior Girder	125.7	0.95	1	1	4.487996
HS20_serv_inv	BOBJ1	362.1	Before	Left Exterior Girder	137.1	0.95	1	1	3.97677
HS20_serv_inv	BOBJ1	362.1	Before	Interior Girder 1	137.1	0.95	1	1	3.569202
HS20_serv_inv	BOBJ1	362.1	Before	Interior Girder 2	137.1	0.95	1	1	3.569202
HS20_serv_inv	BOBJ1	362.1	Before	Right Exterior Girder	137.1	0.95	1	1	3.97677
HS20_serv_inv	BOBJ1	362.1	After	Left Exterior Girder	137.1	0.95	1	1	3.996147
HS20_serv_inv	BOBJ1	362.1	After	Interior Girder 1	137.1	0.95	1	1	3.576351
HS20_serv_inv	BOBJ1	362.1	After	Interior Girder 2	137.1	0.95	1	1	3.576351
HS20_serv_inv	BOBJ1	362.1	After	Right Exterior Girder	137.1	0.95	1	1	3.996147
HS20_serv_inv	BOBJ1	373.55	Before	Left Exterior Girder	148.55	0.95	1	1	3.738585
HS20_serv_inv	BOBJ1	373.55	Before	Interior Girder 1	148.55	0.95	1	1	3.328541
HS20_serv_inv	BOBJ1	373.55	Before	Interior Girder 2	148.55	0.95	1	1	3.328541
HS20_serv_inv	BOBJ1	373.55	Before	Right Exterior Girder	148.55	0.95	1	1	3.738585
HS20_serv_inv	BOBJ1	373.55	After	Left Exterior Girder	148.55	0.95	1	1	3.738116
HS20_serv_inv	BOBJ1	373.55	After	Interior Girder 1	148.55	0.95	1	1	3.330107
HS20_serv_inv	BOBJ1	373.55	After	Interior Girder 2	148.55	0.95	1	1	3.330107
HS20_serv_inv	BOBJ1	373.55	After	Right Exterior Girder	148.55	0.95	1	1	3.738116
HS20_serv_inv	BOBJ1	385	Before	Left Exterior Girder	160	0.95	1	1	3.635705
HS20_serv_inv	BOBJ1	385	Before	Interior Girder 1	160	0.95	1	1	3.271277
HS20_serv_inv	BOBJ1	385	Before	Interior Girder 2	160	0.95	1	1	3.271276
HS20_serv_inv	BOBJ1	385	Before	Right Exterior Girder	160	0.95	1	1	3.635705

TABLE: Bridge Super Rating AASHTORATE18 26 - SteelINonCompServ-Flx - Main Span Girders									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
HS20_serv_inv	BOBJ1	385	After	Left Exterior Girder	160	0.95	1	1	3.635705
HS20_serv_inv	BOBJ1	385	After	Interior Girder 1	160	0.95	1	1	3.271277
HS20_serv_inv	BOBJ1	385	After	Interior Girder 2	160	0.95	1	1	3.271276
HS20_serv_inv	BOBJ1	385	After	Right Exterior Girder	160	0.95	1	1	3.635705
HS20_serv_inv	BOBJ1	396.45	Before	Left Exterior Girder	171.45	0.95	1	1	3.738116
HS20_serv_inv	BOBJ1	396.45	Before	Interior Girder 1	171.45	0.95	1	1	3.330107
HS20_serv_inv	BOBJ1	396.45	Before	Interior Girder 2	171.45	0.95	1	1	3.330107
HS20_serv_inv	BOBJ1	396.45	Before	Right Exterior Girder	171.45	0.95	1	1	3.738116
HS20_serv_inv	BOBJ1	396.45	After	Left Exterior Girder	171.45	0.95	1	1	3.738585
HS20_serv_inv	BOBJ1	396.45	After	Interior Girder 1	171.45	0.95	1	1	3.328541
HS20_serv_inv	BOBJ1	396.45	After	Interior Girder 2	171.45	0.95	1	1	3.328541
HS20_serv_inv	BOBJ1	396.45	After	Right Exterior Girder	171.45	0.95	1	1	3.738585
HS20_serv_inv	BOBJ1	407.9	Before	Left Exterior Girder	182.9	0.95	1	1	3.996147
HS20_serv_inv	BOBJ1	407.9	Before	Interior Girder 1	182.9	0.95	1	1	3.576351
HS20_serv_inv	BOBJ1	407.9	Before	Interior Girder 2	182.9	0.95	1	1	3.576351
HS20_serv_inv	BOBJ1	407.9	Before	Right Exterior Girder	182.9	0.95	1	1	3.996147
HS20_serv_inv	BOBJ1	407.9	After	Left Exterior Girder	182.9	0.95	1	1	3.97677
HS20_serv_inv	BOBJ1	407.9	After	Interior Girder 1	182.9	0.95	1	1	3.569202
HS20_serv_inv	BOBJ1	407.9	After	Interior Girder 2	182.9	0.95	1	1	3.569202
HS20_serv_inv	BOBJ1	407.9	After	Right Exterior Girder	182.9	0.95	1	1	3.97677
HS20_serv_inv	BOBJ1	419.3	Before	Left Exterior Girder	194.3	0.95	1	1	4.487996
HS20_serv_inv	BOBJ1	419.3	Before	Interior Girder 1	194.3	0.95	1	1	3.963367
HS20_serv_inv	BOBJ1	419.3	Before	Interior Girder 2	194.3	0.95	1	1	3.963367
HS20_serv_inv	BOBJ1	419.3	Before	Right Exterior Girder	194.3	0.95	1	1	4.487996
HS20_serv_inv	BOBJ1	419.3	After	Left Exterior Girder	194.3	0.95	1	1	4.489268
HS20_serv_inv	BOBJ1	419.3	After	Interior Girder 1	194.3	0.95	1	1	3.962807
HS20_serv_inv	BOBJ1	419.3	After	Interior Girder 2	194.3	0.95	1	1	3.962807
HS20_serv_inv	BOBJ1	419.3	After	Right Exterior Girder	194.3	0.95	1	1	4.489268
HS20_serv_inv	BOBJ1	430.7	Before	Left Exterior Girder	205.7	0.95	1	1	5.236782
HS20_serv_inv	BOBJ1	430.7	Before	Interior Girder 1	205.7	0.95	1	1	4.618865
HS20_serv_inv	BOBJ1	430.7	Before	Interior Girder 2	205.7	0.95	1	1	4.618865
HS20_serv_inv	BOBJ1	430.7	Before	Right Exterior Girder	205.7	0.95	1	1	5.236782
HS20_serv_inv	BOBJ1	430.7	After	Left Exterior Girder	205.7	0.95	1	1	5.198604
HS20_serv_inv	BOBJ1	430.7	After	Interior Girder 1	205.7	0.95	1	1	4.61282
HS20_serv_inv	BOBJ1	430.7	After	Interior Girder 2	205.7	0.95	1	1	4.61282
HS20_serv_inv	BOBJ1	430.7	After	Right Exterior Girder	205.7	0.95	1	1	5.198604
HS20_serv_inv	BOBJ1	442.15	Before	Left Exterior Girder	217.0321	0.95	1	1	6.380307
HS20_serv_inv	BOBJ1	442.15	Before	Interior Girder 1	217.0321	0.95	1	1	5.52699
HS20_serv_inv	BOBJ1	442.15	Before	Interior Girder 2	217.0321	0.95	1	1	5.52699
HS20_serv_inv	BOBJ1	442.15	Before	Right Exterior Girder	217.0321	0.95	1	1	6.380307
HS20_serv_inv	BOBJ1	442.15	After	Left Exterior Girder	217.0321	0.95	1	1	3.303931
HS20_serv_inv	BOBJ1	442.15	After	Interior Girder 1	217.0321	0.95	1	1	2.814616
HS20_serv_inv	BOBJ1	442.15	After	Interior Girder 2	217.0321	0.95	1	1	2.814616
HS20_serv_inv	BOBJ1	442.15	After	Right Exterior Girder	217.0321	0.95	1	1	3.303931
HS20_serv_inv	BOBJ1	453.6	Before	Left Exterior Girder	228.6	0.95	1	1	4.6217
HS20_serv_inv	BOBJ1	453.6	Before	Interior Girder 1	228.6	0.95	1	1	3.899292
HS20_serv_inv	BOBJ1	453.6	Before	Interior Girder 2	228.6	0.95	1	1	3.899292
HS20_serv_inv	BOBJ1	453.6	Before	Right Exterior Girder	228.6	0.95	1	1	4.6217
HS20_serv_inv	BOBJ1	453.6	After	Left Exterior Girder	228.6	0.95	1	1	4.562578
HS20_serv_inv	BOBJ1	453.6	After	Interior Girder 1	228.6	0.95	1	1	3.898705
HS20_serv_inv	BOBJ1	453.6	After	Interior Girder 2	228.6	0.95	1	1	3.898706
HS20_serv_inv	BOBJ1	453.6	After	Right Exterior Girder	228.6	0.95	1	1	4.562578
HS20_serv_inv	BOBJ1	463.0439	Before	Left Exterior Girder	238.0439	0.95	1	1	6.188558
HS20_serv_inv	BOBJ1	463.0439	Before	Interior Girder 1	238.0439	0.95	1	1	5.110718
HS20_serv_inv	BOBJ1	463.0439	Before	Interior Girder 2	238.0439	0.95	1	1	5.110718
HS20_serv_inv	BOBJ1	463.0439	Before	Right Exterior Girder	238.0439	0.95	1	1	6.188558
HS20_serv_inv	BOBJ1	463.0439	After	Left Exterior Girder	238.0439	0.95	1	1	2.366893
HS20_serv_inv	BOBJ1	463.0439	After	Interior Girder 1	238.0439	0.95	1	1	1.92857
HS20_serv_inv	BOBJ1	463.0439	After	Interior Girder 2	238.0439	0.95	1	1	1.92857
HS20_serv_inv	BOBJ1	463.0439	After	Right Exterior Girder	238.0439	0.95	1	1	2.366893
HS20_serv_inv	BOBJ1	465	Before	Left Exterior Girder	240	0.95	1	1	2.677551
HS20_serv_inv	BOBJ1	465	Before	Interior Girder 1	240	0.95	1	1	2.152197
HS20_serv_inv	BOBJ1	465	Before	Interior Girder 2	240	0.95	1	1	2.152197
HS20_serv_inv	BOBJ1	465	Before	Right Exterior Girder	240	0.95	1	1	2.677551
HS20_serv_inv	BOBJ1	465	After	Left Exterior Girder	240	0.95	1	1	2.676848
HS20_serv_inv	BOBJ1	465	After	Interior Girder 1	240	0.95	1	1	2.153405
HS20_serv_inv	BOBJ1	465	After	Interior Girder 2	240	0.95	1	1	2.153405
HS20_serv_inv	BOBJ1	465	After	Right Exterior Girder	240	0.95	1	1	2.676848
HS20_serv_inv	BOBJ1	476.4	Before	Left Exterior Girder	251.4	0.95	1	1	4.952126
HS20_serv_inv	BOBJ1	476.4	Before	Interior Girder 1	251.4	0.95	1	1	3.881119

TABLE: Bridge Super Rating AASHTORATE18 26 - SteelINonCompServ-Flx - Main Span Girders									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
HS20_serv_inv	BOBJ1	476.4	Before	Interior Girder 2	251.4	0.95	1	1	3.88112
HS20_serv_inv	BOBJ1	476.4	Before	Right Exterior Girder	251.4	0.95	1	1	4.952125
HS20_serv_inv	BOBJ1	476.4	After	Left Exterior Girder	251.4	0.95	1	1	4.784372
HS20_serv_inv	BOBJ1	476.4	After	Interior Girder 1	251.4	0.95	1	1	3.808928
HS20_serv_inv	BOBJ1	476.4	After	Interior Girder 2	251.4	0.95	1	1	3.808928
HS20_serv_inv	BOBJ1	476.4	After	Right Exterior Girder	251.4	0.95	1	1	4.784372
HS20_serv_inv	BOBJ1	487.85	Before	Left Exterior Girder	262.85	0.95	1	1	6.336489
HS20_serv_inv	BOBJ1	487.85	Before	Interior Girder 1	262.85	0.95	1	1	6.160428
HS20_serv_inv	BOBJ1	487.85	Before	Interior Girder 2	262.85	0.95	1	1	6.160428
HS20_serv_inv	BOBJ1	487.85	Before	Right Exterior Girder	262.85	0.95	1	1	6.336489
HS20_serv_inv	BOBJ1	487.85	After	Left Exterior Girder	262.85	0.95	1	1	6.345559
HS20_serv_inv	BOBJ1	487.85	After	Interior Girder 1	262.85	0.95	1	1	6.151703
HS20_serv_inv	BOBJ1	487.85	After	Interior Girder 2	262.85	0.95	1	1	6.151703
HS20_serv_inv	BOBJ1	487.85	After	Right Exterior Girder	262.85	0.95	1	1	6.345559
HS20_serv_inv	BOBJ1	496.3126	Before	Left Exterior Girder	271.3126	0.95	1	1	4.141338
HS20_serv_inv	BOBJ1	496.3126	Before	Interior Girder 1	271.3126	0.95	1	1	3.980261
HS20_serv_inv	BOBJ1	496.3126	Before	Interior Girder 2	271.3126	0.95	1	1	3.980261
HS20_serv_inv	BOBJ1	496.3126	Before	Right Exterior Girder	271.3126	0.95	1	1	4.141338
HS20_serv_inv	BOBJ1	496.3126	After	Left Exterior Girder	271.3126	0.95	1	1	9.622064
HS20_serv_inv	BOBJ1	496.3126	After	Interior Girder 1	271.3126	0.95	1	1	9.179026
HS20_serv_inv	BOBJ1	496.3126	After	Interior Girder 2	271.3126	0.95	1	1	9.179026
HS20_serv_inv	BOBJ1	496.3126	After	Right Exterior Girder	271.3126	0.95	1	1	9.622064
HS20_serv_inv	BOBJ1	499.3	Before	Left Exterior Girder	274.3	0.95	1	1	8.779286
HS20_serv_inv	BOBJ1	499.3	Before	Interior Girder 1	274.3	0.95	1	1	8.338323
HS20_serv_inv	BOBJ1	499.3	Before	Interior Girder 2	274.3	0.95	1	1	8.338322
HS20_serv_inv	BOBJ1	499.3	Before	Right Exterior Girder	274.3	0.95	1	1	8.779286
HS20_serv_inv	BOBJ1	499.3	After	Left Exterior Girder	274.3	0.95	1	1	8.716717
HS20_serv_inv	BOBJ1	499.3	After	Interior Girder 1	274.3	0.95	1	1	8.290165
HS20_serv_inv	BOBJ1	499.3	After	Interior Girder 2	274.3	0.95	1	1	8.290165
HS20_serv_inv	BOBJ1	499.3	After	Right Exterior Girder	274.3	0.95	1	1	8.716717
HS20_serv_inv	BOBJ1	503.8969	Before	Left Exterior Girder	278.8969	0.95	1	1	7.452772
HS20_serv_inv	BOBJ1	503.8969	Before	Interior Girder 1	278.8969	0.95	1	1	7.014571
HS20_serv_inv	BOBJ1	503.8969	Before	Interior Girder 2	278.8969	0.95	1	1	7.014571
HS20_serv_inv	BOBJ1	503.8969	Before	Right Exterior Girder	278.8969	0.95	1	1	7.452772
HS20_serv_inv	BOBJ1	503.8969	After	Left Exterior Girder	278.8969	0.95	1	1	13.890908
HS20_serv_inv	BOBJ1	503.8969	After	Interior Girder 1	278.8969	0.95	1	1	13.063756
HS20_serv_inv	BOBJ1	503.8969	After	Interior Girder 2	278.8969	0.95	1	1	13.063756
HS20_serv_inv	BOBJ1	503.8969	After	Right Exterior Girder	278.8969	0.95	1	1	13.890908
HS20_serv_inv	BOBJ1	510.7	Before	Left Exterior Girder	285.7	0.95	1	1	11.871738
HS20_serv_inv	BOBJ1	510.7	Before	Interior Girder 1	285.7	0.95	1	1	10.989097
HS20_serv_inv	BOBJ1	510.7	Before	Interior Girder 2	285.7	0.95	1	1	10.989097
HS20_serv_inv	BOBJ1	510.7	Before	Right Exterior Girder	285.7	0.95	1	1	11.871738
HS20_serv_inv	BOBJ1	510.7	After	Left Exterior Girder	285.7	0.95	1	1	11.877409
HS20_serv_inv	BOBJ1	510.7	After	Interior Girder 1	285.7	0.95	1	1	10.984207
HS20_serv_inv	BOBJ1	510.7	After	Interior Girder 2	285.7	0.95	1	1	10.984207
HS20_serv_inv	BOBJ1	510.7	After	Right Exterior Girder	285.7	0.95	1	1	11.877409
HS20_serv_inv	BOBJ1	511.4811	Before	Left Exterior Girder	286.4811	0.95	1	1	11.640738
HS20_serv_inv	BOBJ1	511.4811	Before	Interior Girder 1	286.4811	0.95	1	1	10.755443
HS20_serv_inv	BOBJ1	511.4811	Before	Interior Girder 2	286.4811	0.95	1	1	10.755442
HS20_serv_inv	BOBJ1	511.4811	Before	Right Exterior Girder	286.4811	0.95	1	1	11.640738
HS20_serv_inv	BOBJ1	511.4811	After	Left Exterior Girder	286.4811	0.95	1	1	16.808292
HS20_serv_inv	BOBJ1	511.4811	After	Interior Girder 1	286.4811	0.95	1	1	15.656986
HS20_serv_inv	BOBJ1	511.4811	After	Interior Girder 2	286.4811	0.95	1	1	15.656985
HS20_serv_inv	BOBJ1	511.4811	After	Right Exterior Girder	286.4811	0.95	1	1	16.808292
HS20_serv_inv	BOBJ1	522.1	Before	Left Exterior Girder	297.1	0.95	1	1	12.08025
HS20_serv_inv	BOBJ1	522.1	Before	Interior Girder 1	297.1	0.95	1	1	12.247077
HS20_serv_inv	BOBJ1	522.1	Before	Interior Girder 2	297.1	0.95	1	1	12.247076
HS20_serv_inv	BOBJ1	522.1	Before	Right Exterior Girder	297.1	0.95	1	1	12.080249
HS20_serv_inv	BOBJ1	522.1	After	Left Exterior Girder	297.1	0.95	1	1	12.374755
HS20_serv_inv	BOBJ1	522.1	After	Interior Girder 1	297.1	0.95	1	1	12.234129
HS20_serv_inv	BOBJ1	522.1	After	Interior Girder 2	297.1	0.95	1	1	12.234128
HS20_serv_inv	BOBJ1	522.1	After	Right Exterior Girder	297.1	0.95	1	1	12.374755
HS20_serv_inv	BOBJ1	530.4918	Before	Left Exterior Girder	305.4918	0.95	1	1	8.437585
HS20_serv_inv	BOBJ1	530.4918	Before	Interior Girder 1	305.4918	0.95	1	1	8.442607
HS20_serv_inv	BOBJ1	530.4918	Before	Interior Girder 2	305.4918	0.95	1	1	8.442608
HS20_serv_inv	BOBJ1	530.4918	Before	Right Exterior Girder	305.4918	0.95	1	1	8.437584
HS20_serv_inv	BOBJ1	530.4918	After	Left Exterior Girder	305.4918	0.95	1	1	12.398037
HS20_serv_inv	BOBJ1	530.4918	After	Interior Girder 1	305.4918	0.95	1	1	12.40201
HS20_serv_inv	BOBJ1	530.4918	After	Interior Girder 2	305.4918	0.95	1	1	12.402012
HS20_serv_inv	BOBJ1	530.4918	After	Right Exterior Girder	305.4918	0.95	1	1	12.398037

TABLE: Bridge Super Rating AASHTORATE18 26 - SteelNonCompServ-Flx - Main Span Girders									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
HS20_serv_inv	BOBJ1	533.55	Before	Left Exterior Girder	308.55	0.95	1	1	10.913664
HS20_serv_inv	BOBJ1	533.55	Before	Interior Girder 1	308.55	0.95	1	1	10.847523
HS20_serv_inv	BOBJ1	533.55	Before	Interior Girder 2	308.55	0.95	1	1	10.847524
HS20_serv_inv	BOBJ1	533.55	Before	Right Exterior Girder	308.55	0.95	1	1	10.913664
HS20_serv_inv	BOBJ1	533.55	After	Left Exterior Girder	308.55	0.95	1	1	10.891337
HS20_serv_inv	BOBJ1	533.55	After	Interior Girder 1	308.55	0.95	1	1	10.841779
HS20_serv_inv	BOBJ1	533.55	After	Interior Girder 2	308.55	0.95	1	1	10.84178
HS20_serv_inv	BOBJ1	533.55	After	Right Exterior Girder	308.55	0.95	1	1	10.891336
HS20_serv_inv	BOBJ1	545	Before	Left Exterior Girder	320	0.95	1	1	6.514915
HS20_serv_inv	BOBJ1	545	Before	Interior Girder 1	320	0.95	1	1	6.034947
HS20_serv_inv	BOBJ1	545	Before	Interior Girder 2	320	0.95	1	1	6.034948
HS20_serv_inv	BOBJ1	545	Before	Right Exterior Girder	320	0.95	1	1	6.514915
HS20_serv_inv	BOBJ1	545	After	Left Exterior Girder	0	0.95	1	1	6.844669
HS20_serv_inv	BOBJ1	545	After	Interior Girder 1	0	0.95	1	1	6.213625
HS20_serv_inv	BOBJ1	545	After	Interior Girder 2	0	0.95	1	1	6.213625
HS20_serv_inv	BOBJ1	545	After	Right Exterior Girder	0	0.95	1	1	6.844668
HS20_serv_inv	BOBJ1	556.25	Before	Left Exterior Girder	11.25	0.95	1	1	10.782414
HS20_serv_inv	BOBJ1	556.25	Before	Interior Girder 1	11.25	0.95	1	1	10.195454
HS20_serv_inv	BOBJ1	556.25	Before	Interior Girder 2	11.25	0.95	1	1	10.195454
HS20_serv_inv	BOBJ1	556.25	Before	Right Exterior Girder	11.25	0.95	1	1	10.782414
HS20_serv_inv	BOBJ1	556.25	After	Left Exterior Girder	11.25	0.95	1	1	10.795471
HS20_serv_inv	BOBJ1	556.25	After	Interior Girder 1	11.25	0.95	1	1	10.212677
HS20_serv_inv	BOBJ1	556.25	After	Interior Girder 2	11.25	0.95	1	1	10.212677
HS20_serv_inv	BOBJ1	556.25	After	Right Exterior Girder	11.25	0.95	1	1	10.795471
HS20_serv_inv	BOBJ1	559.4358	Before	Left Exterior Girder	14.4358	0.95	1	1	12.003938
HS20_serv_inv	BOBJ1	559.4358	Before	Interior Girder 1	14.4358	0.95	1	1	11.51493
HS20_serv_inv	BOBJ1	559.4358	Before	Interior Girder 2	14.4358	0.95	1	1	11.51493
HS20_serv_inv	BOBJ1	559.4358	Before	Right Exterior Girder	14.4358	0.95	1	1	12.003937
HS20_serv_inv	BOBJ1	559.4358	After	Left Exterior Girder	14.4358	0.95	1	1	8.121374
HS20_serv_inv	BOBJ1	559.4358	After	Interior Girder 1	14.4358	0.95	1	1	7.782097
HS20_serv_inv	BOBJ1	559.4358	After	Interior Girder 2	14.4358	0.95	1	1	7.782097
HS20_serv_inv	BOBJ1	559.4358	After	Right Exterior Girder	14.4358	0.95	1	1	8.121374
HS20_serv_inv	BOBJ1	567.5	Before	Left Exterior Girder	22.5	0.95	1	1	10.811341
HS20_serv_inv	BOBJ1	567.5	Before	Interior Girder 1	22.5	0.95	1	1	9.956682
HS20_serv_inv	BOBJ1	567.5	Before	Interior Girder 2	22.5	0.95	1	1	9.956682
HS20_serv_inv	BOBJ1	567.5	Before	Right Exterior Girder	22.5	0.95	1	1	10.81134
HS20_serv_inv	BOBJ1	567.5	After	Left Exterior Girder	22.5	0.95	1	1	10.538533
HS20_serv_inv	BOBJ1	567.5	After	Interior Girder 1	22.5	0.95	1	1	9.942112
HS20_serv_inv	BOBJ1	567.5	After	Interior Girder 2	22.5	0.95	1	1	9.942112
HS20_serv_inv	BOBJ1	567.5	After	Right Exterior Girder	22.5	0.95	1	1	10.538532
HS20_serv_inv	BOBJ1	570.0586	Before	Left Exterior Girder	25.0586	0.95	1	1	11.460039
HS20_serv_inv	BOBJ1	570.0586	Before	Interior Girder 1	25.0586	0.95	1	1	10.565789
HS20_serv_inv	BOBJ1	570.0586	Before	Interior Girder 2	25.0586	0.95	1	1	10.565789
HS20_serv_inv	BOBJ1	570.0586	Before	Right Exterior Girder	25.0586	0.95	1	1	11.460039
HS20_serv_inv	BOBJ1	570.0586	After	Left Exterior Girder	25.0586	0.95	1	1	7.006305
HS20_serv_inv	BOBJ1	570.0586	After	Interior Girder 1	25.0586	0.95	1	1	6.471328
HS20_serv_inv	BOBJ1	570.0586	After	Interior Girder 2	25.0586	0.95	1	1	6.471328
HS20_serv_inv	BOBJ1	570.0586	After	Right Exterior Girder	25.0586	0.95	1	1	7.006305
HS20_serv_inv	BOBJ1	578.75	Before	Left Exterior Girder	33.75	0.95	1	1	9.038242
HS20_serv_inv	BOBJ1	578.75	Before	Interior Girder 1	33.75	0.95	1	1	8.429123
HS20_serv_inv	BOBJ1	578.75	Before	Interior Girder 2	33.75	0.95	1	1	8.429123
HS20_serv_inv	BOBJ1	578.75	Before	Right Exterior Girder	33.75	0.95	1	1	9.038242
HS20_serv_inv	BOBJ1	578.75	After	Left Exterior Girder	33.75	0.95	1	1	9.018893
HS20_serv_inv	BOBJ1	578.75	After	Interior Girder 1	33.75	0.95	1	1	8.442335
HS20_serv_inv	BOBJ1	578.75	After	Interior Girder 2	33.75	0.95	1	1	8.442335
HS20_serv_inv	BOBJ1	578.75	After	Right Exterior Girder	33.75	0.95	1	1	9.018893
HS20_serv_inv	BOBJ1	586.8142	Before	Left Exterior Girder	41.8142	0.95	1	1	10.86365
HS20_serv_inv	BOBJ1	586.8142	Before	Interior Girder 1	41.8142	0.95	1	1	10.328144
HS20_serv_inv	BOBJ1	586.8142	Before	Interior Girder 2	41.8142	0.95	1	1	10.328144
HS20_serv_inv	BOBJ1	586.8142	Before	Right Exterior Girder	41.8142	0.95	1	1	10.86365
HS20_serv_inv	BOBJ1	586.8142	After	Left Exterior Girder	41.8142	0.95	1	1	5.190632
HS20_serv_inv	BOBJ1	586.8142	After	Interior Girder 1	41.8142	0.95	1	1	4.949658
HS20_serv_inv	BOBJ1	586.8142	After	Interior Girder 2	41.8142	0.95	1	1	4.949658
HS20_serv_inv	BOBJ1	586.8142	After	Right Exterior Girder	41.8142	0.95	1	1	5.190631
HS20_serv_inv	BOBJ1	590	Before	Left Exterior Girder	45	0.95	1	1	5.835511
HS20_serv_inv	BOBJ1	590	Before	Interior Girder 1	45	0.95	1	1	5.603028
HS20_serv_inv	BOBJ1	590	Before	Interior Girder 2	45	0.95	1	1	5.603028
HS20_serv_inv	BOBJ1	590	Before	Right Exterior Girder	45	0.95	1	1	5.835511
HS20_serv_inv	BOBJ1	590	After	Left Exterior Girder	45	0.95	1	1	5.863118
HS20_serv_inv	BOBJ1	590	After	Interior Girder 1	45	0.95	1	1	5.621035

TABLE: Bridge Super Rating AASHTORATE18 26 - SteelNonCompServ-Flx - Main Span Girders									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
HS20_serv_inv	BOBJ1	590	After	Interior Girder 2	45	0.95	1	1	5.621035
HS20_serv_inv	BOBJ1	590	After	Right Exterior Girder	45	0.95	1	1	5.863118
HS20_serv_inv	BOBJ1	601.25	Before	Left Exterior Girder	56.25	0.95	1	1	8.198403
HS20_serv_inv	BOBJ1	601.25	Before	Interior Girder 1	56.25	0.95	1	1	7.972371
HS20_serv_inv	BOBJ1	601.25	Before	Interior Girder 2	56.25	0.95	1	1	7.972371
HS20_serv_inv	BOBJ1	601.25	Before	Right Exterior Girder	56.25	0.95	1	1	8.198402
HS20_serv_inv	BOBJ1	601.25	After	Left Exterior Girder	56.25	0.95	1	1	8.187329
HS20_serv_inv	BOBJ1	601.25	After	Interior Girder 1	56.25	0.95	1	1	7.982132
HS20_serv_inv	BOBJ1	601.25	After	Interior Girder 2	56.25	0.95	1	1	7.982132
HS20_serv_inv	BOBJ1	601.25	After	Right Exterior Girder	56.25	0.95	1	1	8.187329
HS20_serv_inv	BOBJ1	601.7478	Before	Left Exterior Girder	56.7478	0.95	1	1	8.292315
HS20_serv_inv	BOBJ1	601.7478	Before	Interior Girder 1	56.7478	0.95	1	1	8.090995
HS20_serv_inv	BOBJ1	601.7478	Before	Interior Girder 2	56.7478	0.95	1	1	8.090995
HS20_serv_inv	BOBJ1	601.7478	Before	Right Exterior Girder	56.7478	0.95	1	1	8.292315
HS20_serv_inv	BOBJ1	601.7478	After	Left Exterior Girder	56.7478	0.95	1	1	3.297226
HS20_serv_inv	BOBJ1	601.7478	After	Interior Girder 1	56.7478	0.95	1	1	3.243396
HS20_serv_inv	BOBJ1	601.7478	After	Interior Girder 2	56.7478	0.95	1	1	3.243396
HS20_serv_inv	BOBJ1	601.7478	After	Right Exterior Girder	56.7478	0.95	1	1	3.297226
HS20_serv_inv	BOBJ1	612.5	Before	Left Exterior Girder	67.5	0.95	1	1	5.305865
HS20_serv_inv	BOBJ1	612.5	Before	Interior Girder 1	67.5	0.95	1	1	5.265507
HS20_serv_inv	BOBJ1	612.5	Before	Interior Girder 2	67.5	0.95	1	1	5.265507
HS20_serv_inv	BOBJ1	612.5	Before	Right Exterior Girder	67.5	0.95	1	1	5.305865
HS20_serv_inv	BOBJ1	612.5	After	Left Exterior Girder	67.5	0.95	1	1	5.259691
HS20_serv_inv	BOBJ1	612.5	After	Interior Girder 1	67.5	0.95	1	1	5.237571
HS20_serv_inv	BOBJ1	612.5	After	Interior Girder 2	67.5	0.95	1	1	5.237571
HS20_serv_inv	BOBJ1	612.5	After	Right Exterior Girder	67.5	0.95	1	1	5.259691
HS20_serv_inv	BOBJ1	623.75	Before	Left Exterior Girder	78.75	0.95	1	1	4.879897
HS20_serv_inv	BOBJ1	623.75	Before	Interior Girder 1	78.75	0.95	1	1	4.074619
HS20_serv_inv	BOBJ1	623.75	Before	Interior Girder 2	78.75	0.95	1	1	4.074619
HS20_serv_inv	BOBJ1	623.75	Before	Right Exterior Girder	78.75	0.95	1	1	4.879897
HS20_serv_inv	BOBJ1	623.75	After	Left Exterior Girder	78.75	0.95	1	1	4.884196
HS20_serv_inv	BOBJ1	623.75	After	Interior Girder 1	78.75	0.95	1	1	4.071809
HS20_serv_inv	BOBJ1	623.75	After	Interior Girder 2	78.75	0.95	1	1	4.071809
HS20_serv_inv	BOBJ1	623.75	After	Right Exterior Girder	78.75	0.95	1	1	4.884196
HS20_serv_inv	BOBJ1	635	Before	Left Exterior Girder	90	0.95	1	1	3.404447
HS20_serv_inv	BOBJ1	635	Before	Interior Girder 1	90	0.95	1	1	2.977631
HS20_serv_inv	BOBJ1	635	Before	Interior Girder 2	90	0.95	1	1	2.977631
HS20_serv_inv	BOBJ1	635	Before	Right Exterior Girder	90	0.95	1	1	3.404447
HS20_serv_inv	BOBJ1	635	After	Left Exterior Girder	90	0.95	1	1	3.466114
HS20_serv_inv	BOBJ1	635	After	Interior Girder 1	90	0.95	1	1	2.993455
HS20_serv_inv	BOBJ1	635	After	Interior Girder 2	90	0.95	1	1	2.993455
HS20_serv_inv	BOBJ1	635	After	Right Exterior Girder	90	0.95	1	1	3.466114
HS20_serv_inv	BOBJ1	643.5619	Before	Left Exterior Girder	98.5619	0.95	1	1	2.70739
HS20_serv_inv	BOBJ1	643.5619	Before	Interior Girder 1	98.5619	0.95	1	1	2.363422
HS20_serv_inv	BOBJ1	643.5619	Before	Interior Girder 2	98.5619	0.95	1	1	2.363422
HS20_serv_inv	BOBJ1	643.5619	Before	Right Exterior Girder	98.5619	0.95	1	1	2.707391
HS20_serv_inv	BOBJ1	643.5619	After	Left Exterior Girder	98.5619	0.95	1	1	5.123645
HS20_serv_inv	BOBJ1	643.5619	After	Interior Girder 1	98.5619	0.95	1	1	4.467879
HS20_serv_inv	BOBJ1	643.5619	After	Interior Girder 2	98.5619	0.95	1	1	4.467879
HS20_serv_inv	BOBJ1	643.5619	After	Right Exterior Girder	98.5619	0.95	1	1	5.123645
HS20_serv_inv	BOBJ1	646.25	Before	Left Exterior Girder	101.25	0.95	1	1	4.870802
HS20_serv_inv	BOBJ1	646.25	Before	Interior Girder 1	101.25	0.95	1	1	4.265941
HS20_serv_inv	BOBJ1	646.25	Before	Interior Girder 2	101.25	0.95	1	1	4.265941
HS20_serv_inv	BOBJ1	646.25	Before	Right Exterior Girder	101.25	0.95	1	1	4.870802
HS20_serv_inv	BOBJ1	646.25	After	Left Exterior Girder	101.25	0.95	1	1	4.868509
HS20_serv_inv	BOBJ1	646.25	After	Interior Girder 1	101.25	0.95	1	1	4.268061
HS20_serv_inv	BOBJ1	646.25	After	Interior Girder 2	101.25	0.95	1	1	4.26806
HS20_serv_inv	BOBJ1	646.25	After	Right Exterior Girder	101.25	0.95	1	1	4.868509
HS20_serv_inv	BOBJ1	657.5	Before	Left Exterior Girder	112.5	0.95	1	1	4.038894
HS20_serv_inv	BOBJ1	657.5	Before	Interior Girder 1	112.5	0.95	1	1	3.63668
HS20_serv_inv	BOBJ1	657.5	Before	Interior Girder 2	112.5	0.95	1	1	3.63668
HS20_serv_inv	BOBJ1	657.5	Before	Right Exterior Girder	112.5	0.95	1	1	4.038895
HS20_serv_inv	BOBJ1	657.5	After	Left Exterior Girder	112.5	0.95	1	1	4.065408
HS20_serv_inv	BOBJ1	657.5	After	Interior Girder 1	112.5	0.95	1	1	3.642104
HS20_serv_inv	BOBJ1	657.5	After	Interior Girder 2	112.5	0.95	1	1	3.642104
HS20_serv_inv	BOBJ1	657.5	After	Right Exterior Girder	112.5	0.95	1	1	4.065408
HS20_serv_inv	BOBJ1	668.75	Before	Left Exterior Girder	123.75	0.95	1	1	3.578898
HS20_serv_inv	BOBJ1	668.75	Before	Interior Girder 1	123.75	0.95	1	1	3.205175
HS20_serv_inv	BOBJ1	668.75	Before	Interior Girder 2	123.75	0.95	1	1	3.205175
HS20_serv_inv	BOBJ1	668.75	Before	Right Exterior Girder	123.75	0.95	1	1	3.578898

TABLE: Bridge Super Rating AASHTORATE18 26 - SteelNonCompServ-Flx - Main Span Girders									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
HS20_serv_inv	BOBJ1	668.75	After	Left Exterior Girder	123.75	0.95	1	1	3.58347
HS20_serv_inv	BOBJ1	668.75	After	Interior Girder 1	123.75	0.95	1	1	3.210002
HS20_serv_inv	BOBJ1	668.75	After	Interior Girder 2	123.75	0.95	1	1	3.210002
HS20_serv_inv	BOBJ1	668.75	After	Right Exterior Girder	123.75	0.95	1	1	3.58347
HS20_serv_inv	BOBJ1	680	Before	Left Exterior Girder	135	0.95	1	1	3.287405
HS20_serv_inv	BOBJ1	680	Before	Interior Girder 1	135	0.95	1	1	2.990342
HS20_serv_inv	BOBJ1	680	Before	Interior Girder 2	135	0.95	1	1	2.990342
HS20_serv_inv	BOBJ1	680	Before	Right Exterior Girder	135	0.95	1	1	3.287404
HS20_serv_inv	BOBJ1	680	After	Left Exterior Girder	135	0.95	1	1	3.285247
HS20_serv_inv	BOBJ1	680	After	Interior Girder 1	135	0.95	1	1	2.989008
HS20_serv_inv	BOBJ1	680	After	Interior Girder 2	135	0.95	1	1	2.989008
HS20_serv_inv	BOBJ1	680	After	Right Exterior Girder	135	0.95	1	1	3.285247
HS20_serv_inv	BOBJ1	691.25	Before	Left Exterior Girder	146.25	0.95	1	1	3.223903
HS20_serv_inv	BOBJ1	691.25	Before	Interior Girder 1	146.25	0.95	1	1	2.882653
HS20_serv_inv	BOBJ1	691.25	Before	Interior Girder 2	146.25	0.95	1	1	2.882653
HS20_serv_inv	BOBJ1	691.25	Before	Right Exterior Girder	146.25	0.95	1	1	3.223902
HS20_serv_inv	BOBJ1	691.25	After	Left Exterior Girder	146.25	0.95	1	1	3.226274
HS20_serv_inv	BOBJ1	691.25	After	Interior Girder 1	146.25	0.95	1	1	2.88007
HS20_serv_inv	BOBJ1	691.25	After	Interior Girder 2	146.25	0.95	1	1	2.880071
HS20_serv_inv	BOBJ1	691.25	After	Right Exterior Girder	146.25	0.95	1	1	3.226274
HS20_serv_inv	BOBJ1	702.5	Before	Left Exterior Girder	157.5	0.95	1	1	3.353958
HS20_serv_inv	BOBJ1	702.5	Before	Interior Girder 1	157.5	0.95	1	1	2.982681
HS20_serv_inv	BOBJ1	702.5	Before	Interior Girder 2	157.5	0.95	1	1	2.982681
HS20_serv_inv	BOBJ1	702.5	Before	Right Exterior Girder	157.5	0.95	1	1	3.353958
HS20_serv_inv	BOBJ1	702.5	After	Left Exterior Girder	157.5	0.95	1	1	3.3234
HS20_serv_inv	BOBJ1	702.5	After	Interior Girder 1	157.5	0.95	1	1	2.994281
HS20_serv_inv	BOBJ1	702.5	After	Interior Girder 2	157.5	0.95	1	1	2.994281
HS20_serv_inv	BOBJ1	702.5	After	Right Exterior Girder	157.5	0.95	1	1	3.3234
HS20_serv_inv	BOBJ1	713.75	Before	Left Exterior Girder	168.75	0.95	1	1	3.754754
HS20_serv_inv	BOBJ1	713.75	Before	Interior Girder 1	168.75	0.95	1	1	3.244112
HS20_serv_inv	BOBJ1	713.75	Before	Interior Girder 2	168.75	0.95	1	1	3.244112
HS20_serv_inv	BOBJ1	713.75	Before	Right Exterior Girder	168.75	0.95	1	1	3.754754
HS20_serv_inv	BOBJ1	713.75	After	Left Exterior Girder	168.75	0.95	1	1	3.754941
HS20_serv_inv	BOBJ1	713.75	After	Interior Girder 1	168.75	0.95	1	1	3.244212
HS20_serv_inv	BOBJ1	713.75	After	Interior Girder 2	168.75	0.95	1	1	3.244212
HS20_serv_inv	BOBJ1	713.75	After	Right Exterior Girder	168.75	0.95	1	1	3.754941
HS20_serv_inv	BOBJ1	725	Before	Left Exterior Girder	180	0.95	1	1	4.560064
HS20_serv_inv	BOBJ1	725	Before	Interior Girder 1	180	0.95	1	1	3.835493
HS20_serv_inv	BOBJ1	725	Before	Interior Girder 2	180	0.95	1	1	3.835493
HS20_serv_inv	BOBJ1	725	Before	Right Exterior Girder	180	0.95	1	1	4.560063
HS20_serv_inv	BOBJ1	725	After	Left Exterior Girder	180	0.95	1	1	4.50167
HS20_serv_inv	BOBJ1	725	After	Interior Girder 1	180	0.95	1	1	3.871265
HS20_serv_inv	BOBJ1	725	After	Interior Girder 2	180	0.95	1	1	3.871265
HS20_serv_inv	BOBJ1	725	After	Right Exterior Girder	180	0.95	1	1	4.50167
HS20_serv_inv	BOBJ1	731.1726	Before	Left Exterior Girder	186.1726	0.95	1	1	5.252634
HS20_serv_inv	BOBJ1	731.1726	Before	Interior Girder 1	186.1726	0.95	1	1	4.33117
HS20_serv_inv	BOBJ1	731.1726	Before	Interior Girder 2	186.1726	0.95	1	1	4.33117
HS20_serv_inv	BOBJ1	731.1726	Before	Right Exterior Girder	186.1726	0.95	1	1	5.252634
HS20_serv_inv	BOBJ1	731.1726	After	Left Exterior Girder	186.1726	0.95	1	1	2.256091
HS20_serv_inv	BOBJ1	731.1726	After	Interior Girder 1	186.1726	0.95	1	1	1.850917
HS20_serv_inv	BOBJ1	731.1726	After	Interior Girder 2	186.1726	0.95	1	1	1.850917
HS20_serv_inv	BOBJ1	731.1726	After	Right Exterior Girder	186.1726	0.95	1	1	2.256091
HS20_serv_inv	BOBJ1	736.25	Before	Left Exterior Girder	191.25	0.95	1	1	2.777543
HS20_serv_inv	BOBJ1	736.25	Before	Interior Girder 1	191.25	0.95	1	1	2.19238
HS20_serv_inv	BOBJ1	736.25	Before	Interior Girder 2	191.25	0.95	1	1	2.19238
HS20_serv_inv	BOBJ1	736.25	Before	Right Exterior Girder	191.25	0.95	1	1	2.777543
HS20_serv_inv	BOBJ1	736.25	After	Left Exterior Girder	191.25	0.95	1	1	2.769498
HS20_serv_inv	BOBJ1	736.25	After	Interior Girder 1	191.25	0.95	1	1	2.191321
HS20_serv_inv	BOBJ1	736.25	After	Interior Girder 2	191.25	0.95	1	1	2.191321
HS20_serv_inv	BOBJ1	736.25	After	Right Exterior Girder	191.25	0.95	1	1	2.769498
HS20_serv_inv	BOBJ1	747.5	Before	Left Exterior Girder	202.5	0.95	1	1	4.820316
HS20_serv_inv	BOBJ1	747.5	Before	Interior Girder 1	202.5	0.95	1	1	3.549434
HS20_serv_inv	BOBJ1	747.5	Before	Interior Girder 2	202.5	0.95	1	1	3.549434
HS20_serv_inv	BOBJ1	747.5	Before	Right Exterior Girder	202.5	0.95	1	1	4.820316
HS20_serv_inv	BOBJ1	747.5	After	Left Exterior Girder	202.5	0.95	1	1	4.622429
HS20_serv_inv	BOBJ1	747.5	After	Interior Girder 1	202.5	0.95	1	1	3.502318
HS20_serv_inv	BOBJ1	747.5	After	Interior Girder 2	202.5	0.95	1	1	3.502318
HS20_serv_inv	BOBJ1	747.5	After	Right Exterior Girder	202.5	0.95	1	1	4.622428
HS20_serv_inv	BOBJ1	758.75	Before	Left Exterior Girder	213.75	0.95	1	1	10.888746
HS20_serv_inv	BOBJ1	758.75	Before	Interior Girder 1	213.75	0.95	1	1	7.287884

TABLE: Bridge Super Rating AASHTORATE18 26 - SteelINonCompServ-Flx - Main Span Girders									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
HS20_serv_inv	BOBJ1	758.75	Before	Interior Girder 2	213.75	0.95	1	1	7.287884
HS20_serv_inv	BOBJ1	758.75	Before	Right Exterior Girder	213.75	0.95	1	1	10.888743
HS20_serv_inv	BOBJ1	758.75	After	Left Exterior Girder	213.75	0.95	1	1	10.853469
HS20_serv_inv	BOBJ1	758.75	After	Interior Girder 1	213.75	0.95	1	1	7.191899
HS20_serv_inv	BOBJ1	758.75	After	Interior Girder 2	213.75	0.95	1	1	7.191899
HS20_serv_inv	BOBJ1	758.75	After	Right Exterior Girder	213.75	0.95	1	1	10.853466
HS20_serv_inv	BOBJ1	770	Before	Left Exterior Girder	225	0.95	1	1	224.524809
HS20_serv_inv	BOBJ1	770	Before	Interior Girder 1	225	0.95	1	1	186.493063
HS20_serv_inv	BOBJ1	770	Before	Interior Girder 2	225	0.95	1	1	186.492409
HS20_serv_inv	BOBJ1	770	Before	Right Exterior Girder	225	0.95	1	1	224.525934
HS15_serv_opr	BOBJ1	0	After	Left Exterior Girder	0	0.95	1	1	389.178359
HS15_serv_opr	BOBJ1	0	After	Interior Girder 1	0	0.95	1	1	323.254614
HS15_serv_opr	BOBJ1	0	After	Interior Girder 2	0	0.95	1	1	323.254254
HS15_serv_opr	BOBJ1	0	After	Right Exterior Girder	0	0.95	1	1	389.178346
HS15_serv_opr	BOBJ1	11.25	Before	Left Exterior Girder	11.25	0.95	1	1	18.812676
HS15_serv_opr	BOBJ1	11.25	Before	Interior Girder 1	11.25	0.95	1	1	12.465958
HS15_serv_opr	BOBJ1	11.25	Before	Interior Girder 2	11.25	0.95	1	1	12.46596
HS15_serv_opr	BOBJ1	11.25	Before	Right Exterior Girder	11.25	0.95	1	1	18.812675
HS15_serv_opr	BOBJ1	11.25	After	Left Exterior Girder	11.25	0.95	1	1	18.873822
HS15_serv_opr	BOBJ1	11.25	After	Interior Girder 1	11.25	0.95	1	1	12.632331
HS15_serv_opr	BOBJ1	11.25	After	Interior Girder 2	11.25	0.95	1	1	12.632334
HS15_serv_opr	BOBJ1	11.25	After	Right Exterior Girder	11.25	0.95	1	1	18.873821
HS15_serv_opr	BOBJ1	22.5	Before	Left Exterior Girder	22.5	0.95	1	1	8.012209
HS15_serv_opr	BOBJ1	22.5	Before	Interior Girder 1	22.5	0.95	1	1	6.070684
HS15_serv_opr	BOBJ1	22.5	Before	Interior Girder 2	22.5	0.95	1	1	6.070685
HS15_serv_opr	BOBJ1	22.5	Before	Right Exterior Girder	22.5	0.95	1	1	8.012209
HS15_serv_opr	BOBJ1	22.5	After	Left Exterior Girder	22.5	0.95	1	1	8.355213
HS15_serv_opr	BOBJ1	22.5	After	Interior Girder 1	22.5	0.95	1	1	6.152352
HS15_serv_opr	BOBJ1	22.5	After	Interior Girder 2	22.5	0.95	1	1	6.152353
HS15_serv_opr	BOBJ1	22.5	After	Right Exterior Girder	22.5	0.95	1	1	8.355214
HS15_serv_opr	BOBJ1	33.75	Before	Left Exterior Girder	33.75	0.95	1	1	4.800463
HS15_serv_opr	BOBJ1	33.75	Before	Interior Girder 1	33.75	0.95	1	1	3.79829
HS15_serv_opr	BOBJ1	33.75	Before	Interior Girder 2	33.75	0.95	1	1	3.79829
HS15_serv_opr	BOBJ1	33.75	Before	Right Exterior Girder	33.75	0.95	1	1	4.800463
HS15_serv_opr	BOBJ1	33.75	After	Left Exterior Girder	33.75	0.95	1	1	4.814407
HS15_serv_opr	BOBJ1	33.75	After	Interior Girder 1	33.75	0.95	1	1	3.800126
HS15_serv_opr	BOBJ1	33.75	After	Interior Girder 2	33.75	0.95	1	1	3.800126
HS15_serv_opr	BOBJ1	33.75	After	Right Exterior Girder	33.75	0.95	1	1	4.814407
HS15_serv_opr	BOBJ1	38.8274	Before	Left Exterior Girder	38.8274	0.95	1	1	3.910558
HS15_serv_opr	BOBJ1	38.8274	Before	Interior Girder 1	38.8274	0.95	1	1	3.208257
HS15_serv_opr	BOBJ1	38.8274	Before	Interior Girder 2	38.8274	0.95	1	1	3.208257
HS15_serv_opr	BOBJ1	38.8274	Before	Right Exterior Girder	38.8274	0.95	1	1	3.910558
HS15_serv_opr	BOBJ1	38.8274	After	Left Exterior Girder	38.8274	0.95	1	1	9.104566
HS15_serv_opr	BOBJ1	38.8274	After	Interior Girder 1	38.8274	0.95	1	1	7.507362
HS15_serv_opr	BOBJ1	38.8274	After	Interior Girder 2	38.8274	0.95	1	1	7.507363
HS15_serv_opr	BOBJ1	38.8274	After	Right Exterior Girder	38.8274	0.95	1	1	9.104566
HS15_serv_opr	BOBJ1	45	Before	Left Exterior Girder	45	0.95	1	1	7.802895
HS15_serv_opr	BOBJ1	45	Before	Interior Girder 1	45	0.95	1	1	6.710192
HS15_serv_opr	BOBJ1	45	Before	Interior Girder 2	45	0.95	1	1	6.710192
HS15_serv_opr	BOBJ1	45	Before	Right Exterior Girder	45	0.95	1	1	7.802895
HS15_serv_opr	BOBJ1	45	After	Left Exterior Girder	45	0.95	1	1	7.90411
HS15_serv_opr	BOBJ1	45	After	Interior Girder 1	45	0.95	1	1	6.648188
HS15_serv_opr	BOBJ1	45	After	Interior Girder 2	45	0.95	1	1	6.648188
HS15_serv_opr	BOBJ1	45	After	Right Exterior Girder	45	0.95	1	1	7.90411
HS15_serv_opr	BOBJ1	56.25	Before	Left Exterior Girder	56.25	0.95	1	1	6.508565
HS15_serv_opr	BOBJ1	56.25	Before	Interior Girder 1	56.25	0.95	1	1	5.6233
HS15_serv_opr	BOBJ1	56.25	Before	Interior Girder 2	56.25	0.95	1	1	5.623299
HS15_serv_opr	BOBJ1	56.25	Before	Right Exterior Girder	56.25	0.95	1	1	6.508565
HS15_serv_opr	BOBJ1	56.25	After	Left Exterior Girder	56.25	0.95	1	1	6.50824
HS15_serv_opr	BOBJ1	56.25	After	Interior Girder 1	56.25	0.95	1	1	5.623127
HS15_serv_opr	BOBJ1	56.25	After	Interior Girder 2	56.25	0.95	1	1	5.623126
HS15_serv_opr	BOBJ1	56.25	After	Right Exterior Girder	56.25	0.95	1	1	6.50824
HS15_serv_opr	BOBJ1	67.5	Before	Left Exterior Girder	67.5	0.95	1	1	5.760561
HS15_serv_opr	BOBJ1	67.5	Before	Interior Girder 1	67.5	0.95	1	1	5.190087
HS15_serv_opr	BOBJ1	67.5	Before	Interior Girder 2	67.5	0.95	1	1	5.190086
HS15_serv_opr	BOBJ1	67.5	Before	Right Exterior Girder	67.5	0.95	1	1	5.760561
HS15_serv_opr	BOBJ1	67.5	After	Left Exterior Girder	67.5	0.95	1	1	5.813528
HS15_serv_opr	BOBJ1	67.5	After	Interior Girder 1	67.5	0.95	1	1	5.169981
HS15_serv_opr	BOBJ1	67.5	After	Interior Girder 2	67.5	0.95	1	1	5.16998
HS15_serv_opr	BOBJ1	67.5	After	Right Exterior Girder	67.5	0.95	1	1	5.813528

TABLE: Bridge Super Rating AASHTORATE18 26 - SteelINonCompServ-Flx - Main Span Girders									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
HS15_serv_opr	BOBJ1	78.75	Before	Left Exterior Girder	78.75	0.95	1	1	5.592208
HS15_serv_opr	BOBJ1	78.75	Before	Interior Girder 1	78.75	0.95	1	1	4.992122
HS15_serv_opr	BOBJ1	78.75	Before	Interior Girder 2	78.75	0.95	1	1	4.992121
HS15_serv_opr	BOBJ1	78.75	Before	Right Exterior Girder	78.75	0.95	1	1	5.592209
HS15_serv_opr	BOBJ1	78.75	After	Left Exterior Girder	78.75	0.95	1	1	5.588098
HS15_serv_opr	BOBJ1	78.75	After	Interior Girder 1	78.75	0.95	1	1	4.996598
HS15_serv_opr	BOBJ1	78.75	After	Interior Girder 2	78.75	0.95	1	1	4.996597
HS15_serv_opr	BOBJ1	78.75	After	Right Exterior Girder	78.75	0.95	1	1	5.588098
HS15_serv_opr	BOBJ1	90	Before	Left Exterior Girder	90	0.95	1	1	5.694429
HS15_serv_opr	BOBJ1	90	Before	Interior Girder 1	90	0.95	1	1	5.180946
HS15_serv_opr	BOBJ1	90	Before	Interior Girder 2	90	0.95	1	1	5.180946
HS15_serv_opr	BOBJ1	90	Before	Right Exterior Girder	90	0.95	1	1	5.694429
HS15_serv_opr	BOBJ1	90	After	Left Exterior Girder	90	0.95	1	1	5.698168
HS15_serv_opr	BOBJ1	90	After	Interior Girder 1	90	0.95	1	1	5.183259
HS15_serv_opr	BOBJ1	90	After	Interior Girder 2	90	0.95	1	1	5.183259
HS15_serv_opr	BOBJ1	90	After	Right Exterior Girder	90	0.95	1	1	5.698168
HS15_serv_opr	BOBJ1	101.25	Before	Left Exterior Girder	101.25	0.95	1	1	6.211349
HS15_serv_opr	BOBJ1	101.25	Before	Interior Girder 1	101.25	0.95	1	1	5.564003
HS15_serv_opr	BOBJ1	101.25	Before	Interior Girder 2	101.25	0.95	1	1	5.564003
HS15_serv_opr	BOBJ1	101.25	Before	Right Exterior Girder	101.25	0.95	1	1	6.211349
HS15_serv_opr	BOBJ1	101.25	After	Left Exterior Girder	101.25	0.95	1	1	6.203424
HS15_serv_opr	BOBJ1	101.25	After	Interior Girder 1	101.25	0.95	1	1	5.555637
HS15_serv_opr	BOBJ1	101.25	After	Interior Girder 2	101.25	0.95	1	1	5.555637
HS15_serv_opr	BOBJ1	101.25	After	Right Exterior Girder	101.25	0.95	1	1	6.203424
HS15_serv_opr	BOBJ1	112.5	Before	Left Exterior Girder	112.5	0.95	1	1	7.046707
HS15_serv_opr	BOBJ1	112.5	Before	Interior Girder 1	112.5	0.95	1	1	6.31298
HS15_serv_opr	BOBJ1	112.5	Before	Interior Girder 2	112.5	0.95	1	1	6.31298
HS15_serv_opr	BOBJ1	112.5	Before	Right Exterior Girder	112.5	0.95	1	1	7.046708
HS15_serv_opr	BOBJ1	112.5	After	Left Exterior Girder	112.5	0.95	1	1	7.000751
HS15_serv_opr	BOBJ1	112.5	After	Interior Girder 1	112.5	0.95	1	1	6.303578
HS15_serv_opr	BOBJ1	112.5	After	Interior Girder 2	112.5	0.95	1	1	6.303579
HS15_serv_opr	BOBJ1	112.5	After	Right Exterior Girder	112.5	0.95	1	1	7.000751
HS15_serv_opr	BOBJ1	123.75	Before	Left Exterior Girder	123.75	0.95	1	1	8.43875
HS15_serv_opr	BOBJ1	123.75	Before	Interior Girder 1	123.75	0.95	1	1	7.397971
HS15_serv_opr	BOBJ1	123.75	Before	Interior Girder 2	123.75	0.95	1	1	7.397972
HS15_serv_opr	BOBJ1	123.75	Before	Right Exterior Girder	123.75	0.95	1	1	8.43875
HS15_serv_opr	BOBJ1	123.75	After	Left Exterior Girder	123.75	0.95	1	1	8.442724
HS15_serv_opr	BOBJ1	123.75	After	Interior Girder 1	123.75	0.95	1	1	7.394297
HS15_serv_opr	BOBJ1	123.75	After	Interior Girder 2	123.75	0.95	1	1	7.394297
HS15_serv_opr	BOBJ1	123.75	After	Right Exterior Girder	123.75	0.95	1	1	8.442724
HS15_serv_opr	BOBJ1	126.4381	Before	Left Exterior Girder	126.4381	0.95	1	1	8.880986
HS15_serv_opr	BOBJ1	126.4381	Before	Interior Girder 1	126.4381	0.95	1	1	7.744323
HS15_serv_opr	BOBJ1	126.4381	Before	Interior Girder 2	126.4381	0.95	1	1	7.744323
HS15_serv_opr	BOBJ1	126.4381	Before	Right Exterior Girder	126.4381	0.95	1	1	8.880985
HS15_serv_opr	BOBJ1	126.4381	After	Left Exterior Girder	126.4381	0.95	1	1	4.69281
HS15_serv_opr	BOBJ1	126.4381	After	Interior Girder 1	126.4381	0.95	1	1	4.096598
HS15_serv_opr	BOBJ1	126.4381	After	Interior Girder 2	126.4381	0.95	1	1	4.096599
HS15_serv_opr	BOBJ1	126.4381	After	Right Exterior Girder	126.4381	0.95	1	1	4.69281
HS15_serv_opr	BOBJ1	135	Before	Left Exterior Girder	135	0.95	1	1	6.007879
HS15_serv_opr	BOBJ1	135	Before	Interior Girder 1	135	0.95	1	1	5.188654
HS15_serv_opr	BOBJ1	135	Before	Interior Girder 2	135	0.95	1	1	5.188655
HS15_serv_opr	BOBJ1	135	Before	Right Exterior Girder	135	0.95	1	1	6.007879
HS15_serv_opr	BOBJ1	135	After	Left Exterior Girder	135	0.95	1	1	5.901041
HS15_serv_opr	BOBJ1	135	After	Interior Girder 1	135	0.95	1	1	5.161227
HS15_serv_opr	BOBJ1	135	After	Interior Girder 2	135	0.95	1	1	5.161227
HS15_serv_opr	BOBJ1	135	After	Right Exterior Girder	135	0.95	1	1	5.901041
HS15_serv_opr	BOBJ1	146.25	Before	Left Exterior Girder	146.25	0.95	1	1	8.465939
HS15_serv_opr	BOBJ1	146.25	Before	Interior Girder 1	146.25	0.95	1	1	7.057803
HS15_serv_opr	BOBJ1	146.25	Before	Interior Girder 2	146.25	0.95	1	1	7.057803
HS15_serv_opr	BOBJ1	146.25	Before	Right Exterior Girder	146.25	0.95	1	1	8.465939
HS15_serv_opr	BOBJ1	146.25	After	Left Exterior Girder	146.25	0.95	1	1	8.458499
HS15_serv_opr	BOBJ1	146.25	After	Interior Girder 1	146.25	0.95	1	1	7.062673
HS15_serv_opr	BOBJ1	146.25	After	Interior Girder 2	146.25	0.95	1	1	7.062672
HS15_serv_opr	BOBJ1	146.25	After	Right Exterior Girder	146.25	0.95	1	1	8.458499
HS15_serv_opr	BOBJ1	157.5	Before	Left Exterior Girder	157.5	0.95	1	1	9.116797
HS15_serv_opr	BOBJ1	157.5	Before	Interior Girder 1	157.5	0.95	1	1	9.078457
HS15_serv_opr	BOBJ1	157.5	Before	Interior Girder 2	157.5	0.95	1	1	9.078456
HS15_serv_opr	BOBJ1	157.5	Before	Right Exterior Girder	157.5	0.95	1	1	9.116798
HS15_serv_opr	BOBJ1	157.5	After	Left Exterior Girder	157.5	0.95	1	1	9.196833
HS15_serv_opr	BOBJ1	157.5	After	Interior Girder 1	157.5	0.95	1	1	9.126878

TABLE: Bridge Super Rating AASHTORATE18 26 - SteelINonCompServ-Flx - Main Span Girders									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
HS15_serv_opr	BOBJ1	157.5	After	Interior Girder 2	157.5	0.95	1	1	9.126878
HS15_serv_opr	BOBJ1	157.5	After	Right Exterior Girder	157.5	0.95	1	1	9.196833
HS15_serv_opr	BOBJ1	168.2522	Before	Left Exterior Girder	168.2522	0.95	1	1	5.720007
HS15_serv_opr	BOBJ1	168.2522	Before	Interior Girder 1	168.2522	0.95	1	1	5.615553
HS15_serv_opr	BOBJ1	168.2522	Before	Interior Girder 2	168.2522	0.95	1	1	5.615553
HS15_serv_opr	BOBJ1	168.2522	Before	Right Exterior Girder	168.2522	0.95	1	1	5.720008
HS15_serv_opr	BOBJ1	168.2522	After	Left Exterior Girder	168.2522	0.95	1	1	14.382545
HS15_serv_opr	BOBJ1	168.2522	After	Interior Girder 1	168.2522	0.95	1	1	14.012951
HS15_serv_opr	BOBJ1	168.2522	After	Interior Girder 2	168.2522	0.95	1	1	14.012951
HS15_serv_opr	BOBJ1	168.2522	After	Right Exterior Girder	168.2522	0.95	1	1	14.382546
HS15_serv_opr	BOBJ1	168.75	Before	Left Exterior Girder	168.75	0.95	1	1	14.19137
HS15_serv_opr	BOBJ1	168.75	Before	Interior Girder 1	168.75	0.95	1	1	13.835695
HS15_serv_opr	BOBJ1	168.75	Before	Interior Girder 2	168.75	0.95	1	1	13.835695
HS15_serv_opr	BOBJ1	168.75	Before	Right Exterior Girder	168.75	0.95	1	1	14.19137
HS15_serv_opr	BOBJ1	168.75	After	Left Exterior Girder	168.75	0.95	1	1	14.210564
HS15_serv_opr	BOBJ1	168.75	After	Interior Girder 1	168.75	0.95	1	1	13.818777
HS15_serv_opr	BOBJ1	168.75	After	Interior Girder 2	168.75	0.95	1	1	13.818777
HS15_serv_opr	BOBJ1	168.75	After	Right Exterior Girder	168.75	0.95	1	1	14.210565
HS15_serv_opr	BOBJ1	180	Before	Left Exterior Girder	180	0.95	1	1	10.162738
HS15_serv_opr	BOBJ1	180	Before	Interior Girder 1	180	0.95	1	1	9.743128
HS15_serv_opr	BOBJ1	180	Before	Interior Girder 2	180	0.95	1	1	9.743128
HS15_serv_opr	BOBJ1	180	Before	Right Exterior Girder	180	0.95	1	1	10.162738
HS15_serv_opr	BOBJ1	180	After	Left Exterior Girder	180	0.95	1	1	10.114885
HS15_serv_opr	BOBJ1	180	After	Interior Girder 1	180	0.95	1	1	9.711915
HS15_serv_opr	BOBJ1	180	After	Interior Girder 2	180	0.95	1	1	9.711915
HS15_serv_opr	BOBJ1	180	After	Right Exterior Girder	180	0.95	1	1	10.114886
HS15_serv_opr	BOBJ1	183.1858	Before	Left Exterior Girder	183.1858	0.95	1	1	8.989187
HS15_serv_opr	BOBJ1	183.1858	Before	Interior Girder 1	183.1858	0.95	1	1	8.587206
HS15_serv_opr	BOBJ1	183.1858	Before	Interior Girder 2	183.1858	0.95	1	1	8.587206
HS15_serv_opr	BOBJ1	183.1858	Before	Right Exterior Girder	183.1858	0.95	1	1	8.989187
HS15_serv_opr	BOBJ1	183.1858	After	Left Exterior Girder	183.1858	0.95	1	1	18.818242
HS15_serv_opr	BOBJ1	183.1858	After	Interior Girder 1	183.1858	0.95	1	1	17.912849
HS15_serv_opr	BOBJ1	183.1858	After	Interior Girder 2	183.1858	0.95	1	1	17.912849
HS15_serv_opr	BOBJ1	183.1858	After	Right Exterior Girder	183.1858	0.95	1	1	18.818243
HS15_serv_opr	BOBJ1	191.25	Before	Left Exterior Girder	191.25	0.95	1	1	15.632748
HS15_serv_opr	BOBJ1	191.25	Before	Interior Girder 1	191.25	0.95	1	1	14.63338
HS15_serv_opr	BOBJ1	191.25	Before	Interior Girder 2	191.25	0.95	1	1	14.633381
HS15_serv_opr	BOBJ1	191.25	Before	Right Exterior Girder	191.25	0.95	1	1	15.632748
HS15_serv_opr	BOBJ1	191.25	After	Left Exterior Girder	191.25	0.95	1	1	15.666287
HS15_serv_opr	BOBJ1	191.25	After	Interior Girder 1	191.25	0.95	1	1	14.610479
HS15_serv_opr	BOBJ1	191.25	After	Interior Girder 2	191.25	0.95	1	1	14.610479
HS15_serv_opr	BOBJ1	191.25	After	Right Exterior Girder	191.25	0.95	1	1	15.666287
HS15_serv_opr	BOBJ1	199.9414	Before	Left Exterior Girder	199.9414	0.95	1	1	12.134549
HS15_serv_opr	BOBJ1	199.9414	Before	Interior Girder 1	199.9414	0.95	1	1	11.224559
HS15_serv_opr	BOBJ1	199.9414	Before	Interior Girder 2	199.9414	0.95	1	1	11.22456
HS15_serv_opr	BOBJ1	199.9414	Before	Right Exterior Girder	199.9414	0.95	1	1	12.134549
HS15_serv_opr	BOBJ1	199.9414	After	Left Exterior Girder	199.9414	0.95	1	1	19.849679
HS15_serv_opr	BOBJ1	199.9414	After	Interior Girder 1	199.9414	0.95	1	1	18.322951
HS15_serv_opr	BOBJ1	199.9414	After	Interior Girder 2	199.9414	0.95	1	1	18.322951
HS15_serv_opr	BOBJ1	199.9414	After	Right Exterior Girder	199.9414	0.95	1	1	19.849679
HS15_serv_opr	BOBJ1	202.5	Before	Left Exterior Girder	202.5	0.95	1	1	18.266789
HS15_serv_opr	BOBJ1	202.5	Before	Interior Girder 1	202.5	0.95	1	1	17.232994
HS15_serv_opr	BOBJ1	202.5	Before	Interior Girder 2	202.5	0.95	1	1	17.232994
HS15_serv_opr	BOBJ1	202.5	Before	Right Exterior Girder	202.5	0.95	1	1	18.266789
HS15_serv_opr	BOBJ1	202.5	After	Left Exterior Girder	202.5	0.95	1	1	18.739656
HS15_serv_opr	BOBJ1	202.5	After	Interior Girder 1	202.5	0.95	1	1	17.258248
HS15_serv_opr	BOBJ1	202.5	After	Interior Girder 2	202.5	0.95	1	1	17.258249
HS15_serv_opr	BOBJ1	202.5	After	Right Exterior Girder	202.5	0.95	1	1	18.739656
HS15_serv_opr	BOBJ1	210.5642	Before	Left Exterior Girder	210.5642	0.95	1	1	14.077049
HS15_serv_opr	BOBJ1	210.5642	Before	Interior Girder 1	210.5642	0.95	1	1	13.488967
HS15_serv_opr	BOBJ1	210.5642	Before	Interior Girder 2	210.5642	0.95	1	1	13.488968
HS15_serv_opr	BOBJ1	210.5642	Before	Right Exterior Girder	210.5642	0.95	1	1	14.077049
HS15_serv_opr	BOBJ1	210.5642	After	Left Exterior Girder	210.5642	0.95	1	1	20.806825
HS15_serv_opr	BOBJ1	210.5642	After	Interior Girder 1	210.5642	0.95	1	1	19.959211
HS15_serv_opr	BOBJ1	210.5642	After	Interior Girder 2	210.5642	0.95	1	1	19.959211
HS15_serv_opr	BOBJ1	210.5642	After	Right Exterior Girder	210.5642	0.95	1	1	20.806825
HS15_serv_opr	BOBJ1	213.75	Before	Left Exterior Girder	213.75	0.95	1	1	18.71215
HS15_serv_opr	BOBJ1	213.75	Before	Interior Girder 1	213.75	0.95	1	1	17.701974
HS15_serv_opr	BOBJ1	213.75	Before	Interior Girder 2	213.75	0.95	1	1	17.701974
HS15_serv_opr	BOBJ1	213.75	Before	Right Exterior Girder	213.75	0.95	1	1	18.71215

TABLE: Bridge Super Rating AASHTORATE18 26 - SteelNonCompServ-Flx - Main Span Girders									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
HS15_serv_opr	BOBJ1	213.75	After	Left Exterior Girder	213.75	0.95	1	1	18.689517
HS15_serv_opr	BOBJ1	213.75	After	Interior Girder 1	213.75	0.95	1	1	17.672121
HS15_serv_opr	BOBJ1	213.75	After	Interior Girder 2	213.75	0.95	1	1	17.67212
HS15_serv_opr	BOBJ1	213.75	After	Right Exterior Girder	213.75	0.95	1	1	18.689517
HS15_serv_opr	BOBJ1	225	Before	Left Exterior Girder	225	0.95	1	1	11.864092
HS15_serv_opr	BOBJ1	225	Before	Interior Girder 1	225	0.95	1	1	10.76716
HS15_serv_opr	BOBJ1	225	Before	Interior Girder 2	225	0.95	1	1	10.767159
HS15_serv_opr	BOBJ1	225	Before	Right Exterior Girder	225	0.95	1	1	11.864092
HS15_serv_opr	BOBJ1	225	After	Left Exterior Girder	0	0.95	1	1	11.292519
HS15_serv_opr	BOBJ1	225	After	Interior Girder 1	0	0.95	1	1	10.460575
HS15_serv_opr	BOBJ1	225	After	Interior Girder 2	0	0.95	1	1	10.460576
HS15_serv_opr	BOBJ1	225	After	Right Exterior Girder	0	0.95	1	1	11.292519
HS15_serv_opr	BOBJ1	236.45	Before	Left Exterior Girder	11.45	0.95	1	1	18.878315
HS15_serv_opr	BOBJ1	236.45	Before	Interior Girder 1	11.45	0.95	1	1	18.792418
HS15_serv_opr	BOBJ1	236.45	Before	Interior Girder 2	11.45	0.95	1	1	18.792418
HS15_serv_opr	BOBJ1	236.45	Before	Right Exterior Girder	11.45	0.95	1	1	18.878315
HS15_serv_opr	BOBJ1	236.45	After	Left Exterior Girder	11.45	0.95	1	1	18.917017
HS15_serv_opr	BOBJ1	236.45	After	Interior Girder 1	11.45	0.95	1	1	18.802374
HS15_serv_opr	BOBJ1	236.45	After	Interior Girder 2	11.45	0.95	1	1	18.802375
HS15_serv_opr	BOBJ1	236.45	After	Right Exterior Girder	11.45	0.95	1	1	18.917016
HS15_serv_opr	BOBJ1	239.5082	Before	Left Exterior Girder	14.5082	0.95	1	1	21.48993
HS15_serv_opr	BOBJ1	239.5082	Before	Interior Girder 1	14.5082	0.95	1	1	21.49682
HS15_serv_opr	BOBJ1	239.5082	Before	Interior Girder 2	14.5082	0.95	1	1	21.49682
HS15_serv_opr	BOBJ1	239.5082	Before	Right Exterior Girder	14.5082	0.95	1	1	21.489929
HS15_serv_opr	BOBJ1	239.5082	After	Left Exterior Girder	14.5082	0.95	1	1	14.625146
HS15_serv_opr	BOBJ1	239.5082	After	Interior Girder 1	14.5082	0.95	1	1	14.633853
HS15_serv_opr	BOBJ1	239.5082	After	Interior Girder 2	14.5082	0.95	1	1	14.633854
HS15_serv_opr	BOBJ1	239.5082	After	Right Exterior Girder	14.5082	0.95	1	1	14.625145
HS15_serv_opr	BOBJ1	247.9	Before	Left Exterior Girder	22.9	0.95	1	1	21.449574
HS15_serv_opr	BOBJ1	247.9	Before	Interior Girder 1	22.9	0.95	1	1	21.205823
HS15_serv_opr	BOBJ1	247.9	Before	Interior Girder 2	22.9	0.95	1	1	21.205823
HS15_serv_opr	BOBJ1	247.9	Before	Right Exterior Girder	22.9	0.95	1	1	21.449574
HS15_serv_opr	BOBJ1	247.9	After	Left Exterior Girder	22.9	0.95	1	1	20.939099
HS15_serv_opr	BOBJ1	247.9	After	Interior Girder 1	22.9	0.95	1	1	21.228267
HS15_serv_opr	BOBJ1	247.9	After	Interior Girder 2	22.9	0.95	1	1	21.228266
HS15_serv_opr	BOBJ1	247.9	After	Right Exterior Girder	22.9	0.95	1	1	20.939098
HS15_serv_opr	BOBJ1	258.5189	Before	Left Exterior Girder	33.5189	0.95	1	1	29.055838
HS15_serv_opr	BOBJ1	258.5189	Before	Interior Girder 1	33.5189	0.95	1	1	27.126697
HS15_serv_opr	BOBJ1	258.5189	Before	Interior Girder 2	33.5189	0.95	1	1	27.126696
HS15_serv_opr	BOBJ1	258.5189	Before	Right Exterior Girder	33.5189	0.95	1	1	29.055838
HS15_serv_opr	BOBJ1	258.5189	After	Left Exterior Girder	33.5189	0.95	1	1	20.173171
HS15_serv_opr	BOBJ1	258.5189	After	Interior Girder 1	33.5189	0.95	1	1	18.633207
HS15_serv_opr	BOBJ1	258.5189	After	Interior Girder 2	33.5189	0.95	1	1	18.633207
HS15_serv_opr	BOBJ1	258.5189	After	Right Exterior Girder	33.5189	0.95	1	1	20.173171
HS15_serv_opr	BOBJ1	259.3	Before	Left Exterior Girder	34.3	0.95	1	1	20.58751
HS15_serv_opr	BOBJ1	259.3	Before	Interior Girder 1	34.3	0.95	1	1	19.039293
HS15_serv_opr	BOBJ1	259.3	Before	Interior Girder 2	34.3	0.95	1	1	19.039293
HS15_serv_opr	BOBJ1	259.3	Before	Right Exterior Girder	34.3	0.95	1	1	20.58751
HS15_serv_opr	BOBJ1	259.3	After	Left Exterior Girder	34.3	0.95	1	1	20.577679
HS15_serv_opr	BOBJ1	259.3	After	Interior Girder 1	34.3	0.95	1	1	19.047769
HS15_serv_opr	BOBJ1	259.3	After	Interior Girder 2	34.3	0.95	1	1	19.047769
HS15_serv_opr	BOBJ1	259.3	After	Right Exterior Girder	34.3	0.95	1	1	20.577679
HS15_serv_opr	BOBJ1	266.1031	Before	Left Exterior Girder	41.1031	0.95	1	1	24.077575
HS15_serv_opr	BOBJ1	266.1031	Before	Interior Girder 1	41.1031	0.95	1	1	22.643845
HS15_serv_opr	BOBJ1	266.1031	Before	Interior Girder 2	41.1031	0.95	1	1	22.643844
HS15_serv_opr	BOBJ1	266.1031	Before	Right Exterior Girder	41.1031	0.95	1	1	24.077575
HS15_serv_opr	BOBJ1	266.1031	After	Left Exterior Girder	41.1031	0.95	1	1	12.918139
HS15_serv_opr	BOBJ1	266.1031	After	Interior Girder 1	41.1031	0.95	1	1	12.15859
HS15_serv_opr	BOBJ1	266.1031	After	Interior Girder 2	41.1031	0.95	1	1	12.15859
HS15_serv_opr	BOBJ1	266.1031	After	Right Exterior Girder	41.1031	0.95	1	1	12.918139
HS15_serv_opr	BOBJ1	270.7	Before	Left Exterior Girder	45.7	0.95	1	1	15.108977
HS15_serv_opr	BOBJ1	270.7	Before	Interior Girder 1	45.7	0.95	1	1	14.369619
HS15_serv_opr	BOBJ1	270.7	Before	Interior Girder 2	45.7	0.95	1	1	14.369619
HS15_serv_opr	BOBJ1	270.7	Before	Right Exterior Girder	45.7	0.95	1	1	15.108977
HS15_serv_opr	BOBJ1	270.7	After	Left Exterior Girder	45.7	0.95	1	1	15.217429
HS15_serv_opr	BOBJ1	270.7	After	Interior Girder 1	45.7	0.95	1	1	14.453092
HS15_serv_opr	BOBJ1	270.7	After	Interior Girder 2	45.7	0.95	1	1	14.453092
HS15_serv_opr	BOBJ1	270.7	After	Right Exterior Girder	45.7	0.95	1	1	15.217429
HS15_serv_opr	BOBJ1	273.6874	Before	Left Exterior Girder	48.6874	0.95	1	1	16.67216
HS15_serv_opr	BOBJ1	273.6874	Before	Interior Girder 1	48.6874	0.95	1	1	15.896907

TABLE: Bridge Super Rating AASHTORATE18 26 - SteelINonCompServ-Flx - Main Span Girders									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
HS15_serv_opr	BOBJ1	273.6874	Before	Interior Girder 2	48.6874	0.95	1	1	15.896907
HS15_serv_opr	BOBJ1	273.6874	Before	Right Exterior Girder	48.6874	0.95	1	1	16.67216
HS15_serv_opr	BOBJ1	273.6874	After	Left Exterior Girder	48.6874	0.95	1	1	7.17638
HS15_serv_opr	BOBJ1	273.6874	After	Interior Girder 1	48.6874	0.95	1	1	6.892514
HS15_serv_opr	BOBJ1	273.6874	After	Interior Girder 2	48.6874	0.95	1	1	6.892514
HS15_serv_opr	BOBJ1	273.6874	After	Right Exterior Girder	48.6874	0.95	1	1	7.17638
HS15_serv_opr	BOBJ1	282.15	Before	Left Exterior Girder	57.15	0.95	1	1	10.99897
HS15_serv_opr	BOBJ1	282.15	Before	Interior Girder 1	57.15	0.95	1	1	10.662951
HS15_serv_opr	BOBJ1	282.15	Before	Interior Girder 2	57.15	0.95	1	1	10.662951
HS15_serv_opr	BOBJ1	282.15	Before	Right Exterior Girder	57.15	0.95	1	1	10.99897
HS15_serv_opr	BOBJ1	282.15	After	Left Exterior Girder	57.15	0.95	1	1	10.983248
HS15_serv_opr	BOBJ1	282.15	After	Interior Girder 1	57.15	0.95	1	1	10.678076
HS15_serv_opr	BOBJ1	282.15	After	Interior Girder 2	57.15	0.95	1	1	10.678076
HS15_serv_opr	BOBJ1	282.15	After	Right Exterior Girder	57.15	0.95	1	1	10.983248
HS15_serv_opr	BOBJ1	293.6	Before	Left Exterior Girder	68.6	0.95	1	1	8.292913
HS15_serv_opr	BOBJ1	293.6	Before	Interior Girder 1	68.6	0.95	1	1	6.602141
HS15_serv_opr	BOBJ1	293.6	Before	Interior Girder 2	68.6	0.95	1	1	6.602141
HS15_serv_opr	BOBJ1	293.6	Before	Right Exterior Girder	68.6	0.95	1	1	8.292912
HS15_serv_opr	BOBJ1	293.6	After	Left Exterior Girder	68.6	0.95	1	1	8.583684
HS15_serv_opr	BOBJ1	293.6	After	Interior Girder 1	68.6	0.95	1	1	6.727273
HS15_serv_opr	BOBJ1	293.6	After	Interior Girder 2	68.6	0.95	1	1	6.727273
HS15_serv_opr	BOBJ1	293.6	After	Right Exterior Girder	68.6	0.95	1	1	8.583684
HS15_serv_opr	BOBJ1	305	Before	Left Exterior Girder	80	0.95	1	1	4.63987
HS15_serv_opr	BOBJ1	305	Before	Interior Girder 1	80	0.95	1	1	3.732569
HS15_serv_opr	BOBJ1	305	Before	Interior Girder 2	80	0.95	1	1	3.732569
HS15_serv_opr	BOBJ1	305	Before	Right Exterior Girder	80	0.95	1	1	4.63987
HS15_serv_opr	BOBJ1	305	After	Left Exterior Girder	80	0.95	1	1	4.641088
HS15_serv_opr	BOBJ1	305	After	Interior Girder 1	80	0.95	1	1	3.730475
HS15_serv_opr	BOBJ1	305	After	Interior Girder 2	80	0.95	1	1	3.730475
HS15_serv_opr	BOBJ1	305	After	Right Exterior Girder	80	0.95	1	1	4.641088
HS15_serv_opr	BOBJ1	306.9561	Before	Left Exterior Girder	81.9561	0.95	1	1	4.11354
HS15_serv_opr	BOBJ1	306.9561	Before	Interior Girder 1	81.9561	0.95	1	1	3.344276
HS15_serv_opr	BOBJ1	306.9561	Before	Interior Girder 2	81.9561	0.95	1	1	3.344276
HS15_serv_opr	BOBJ1	306.9561	Before	Right Exterior Girder	81.9561	0.95	1	1	4.11354
HS15_serv_opr	BOBJ1	306.9561	After	Left Exterior Girder	81.9561	0.95	1	1	10.75881
HS15_serv_opr	BOBJ1	306.9561	After	Interior Girder 1	81.9561	0.95	1	1	8.858492
HS15_serv_opr	BOBJ1	306.9561	After	Interior Girder 2	81.9561	0.95	1	1	8.858492
HS15_serv_opr	BOBJ1	306.9561	After	Right Exterior Girder	81.9561	0.95	1	1	10.75881
HS15_serv_opr	BOBJ1	316.4	Before	Left Exterior Girder	91.4	0.95	1	1	7.908469
HS15_serv_opr	BOBJ1	316.4	Before	Interior Girder 1	91.4	0.95	1	1	6.757756
HS15_serv_opr	BOBJ1	316.4	Before	Interior Girder 2	91.4	0.95	1	1	6.757756
HS15_serv_opr	BOBJ1	316.4	Before	Right Exterior Girder	91.4	0.95	1	1	7.908469
HS15_serv_opr	BOBJ1	316.4	After	Left Exterior Girder	91.4	0.95	1	1	8.010948
HS15_serv_opr	BOBJ1	316.4	After	Interior Girder 1	91.4	0.95	1	1	6.758773
HS15_serv_opr	BOBJ1	316.4	After	Interior Girder 2	91.4	0.95	1	1	6.758773
HS15_serv_opr	BOBJ1	316.4	After	Right Exterior Girder	91.4	0.95	1	1	8.010947
HS15_serv_opr	BOBJ1	327.85	Before	Left Exterior Girder	102.9679	0.95	1	1	5.735004
HS15_serv_opr	BOBJ1	327.85	Before	Interior Girder 1	102.9679	0.95	1	1	4.880196
HS15_serv_opr	BOBJ1	327.85	Before	Interior Girder 2	102.9679	0.95	1	1	4.880196
HS15_serv_opr	BOBJ1	327.85	Before	Right Exterior Girder	102.9679	0.95	1	1	5.735004
HS15_serv_opr	BOBJ1	327.85	After	Left Exterior Girder	102.9679	0.95	1	1	11.077685
HS15_serv_opr	BOBJ1	327.85	After	Interior Girder 1	102.9679	0.95	1	1	9.580526
HS15_serv_opr	BOBJ1	327.85	After	Interior Girder 2	102.9679	0.95	1	1	9.580526
HS15_serv_opr	BOBJ1	327.85	After	Right Exterior Girder	102.9679	0.95	1	1	11.077685
HS15_serv_opr	BOBJ1	339.3	Before	Left Exterior Girder	114.3	0.95	1	1	9.010914
HS15_serv_opr	BOBJ1	339.3	Before	Interior Girder 1	114.3	0.95	1	1	7.995555
HS15_serv_opr	BOBJ1	339.3	Before	Interior Girder 2	114.3	0.95	1	1	7.995555
HS15_serv_opr	BOBJ1	339.3	Before	Right Exterior Girder	114.3	0.95	1	1	9.010914
HS15_serv_opr	BOBJ1	339.3	After	Left Exterior Girder	114.3	0.95	1	1	9.077088
HS15_serv_opr	BOBJ1	339.3	After	Interior Girder 1	114.3	0.95	1	1	8.006034
HS15_serv_opr	BOBJ1	339.3	After	Interior Girder 2	114.3	0.95	1	1	8.006034
HS15_serv_opr	BOBJ1	339.3	After	Right Exterior Girder	114.3	0.95	1	1	9.077088
HS15_serv_opr	BOBJ1	350.7	Before	Left Exterior Girder	125.7	0.95	1	1	7.781399
HS15_serv_opr	BOBJ1	350.7	Before	Interior Girder 1	125.7	0.95	1	1	6.868865
HS15_serv_opr	BOBJ1	350.7	Before	Interior Girder 2	125.7	0.95	1	1	6.868865
HS15_serv_opr	BOBJ1	350.7	Before	Right Exterior Girder	125.7	0.95	1	1	7.781399
HS15_serv_opr	BOBJ1	350.7	After	Left Exterior Girder	125.7	0.95	1	1	7.779193
HS15_serv_opr	BOBJ1	350.7	After	Interior Girder 1	125.7	0.95	1	1	6.869837
HS15_serv_opr	BOBJ1	350.7	After	Interior Girder 2	125.7	0.95	1	1	6.869837
HS15_serv_opr	BOBJ1	350.7	After	Right Exterior Girder	125.7	0.95	1	1	7.779193

TABLE: Bridge Super Rating AASHTORATE18 26 - SteelINonCompServ-Flx - Main Span Girders									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
HS15_serv_opr	BOBJ1	362.1	Before	Left Exterior Girder	137.1	0.95	1	1	6.893069
HS15_serv_opr	BOBJ1	362.1	Before	Interior Girder 1	137.1	0.95	1	1	6.186616
HS15_serv_opr	BOBJ1	362.1	Before	Interior Girder 2	137.1	0.95	1	1	6.186617
HS15_serv_opr	BOBJ1	362.1	Before	Right Exterior Girder	137.1	0.95	1	1	6.893069
HS15_serv_opr	BOBJ1	362.1	After	Left Exterior Girder	137.1	0.95	1	1	6.926654
HS15_serv_opr	BOBJ1	362.1	After	Interior Girder 1	137.1	0.95	1	1	6.199008
HS15_serv_opr	BOBJ1	362.1	After	Interior Girder 2	137.1	0.95	1	1	6.199008
HS15_serv_opr	BOBJ1	362.1	After	Right Exterior Girder	137.1	0.95	1	1	6.926655
HS15_serv_opr	BOBJ1	373.55	Before	Left Exterior Girder	148.55	0.95	1	1	6.480213
HS15_serv_opr	BOBJ1	373.55	Before	Interior Girder 1	148.55	0.95	1	1	5.769471
HS15_serv_opr	BOBJ1	373.55	Before	Interior Girder 2	148.55	0.95	1	1	5.769471
HS15_serv_opr	BOBJ1	373.55	Before	Right Exterior Girder	148.55	0.95	1	1	6.480213
HS15_serv_opr	BOBJ1	373.55	After	Left Exterior Girder	148.55	0.95	1	1	6.479401
HS15_serv_opr	BOBJ1	373.55	After	Interior Girder 1	148.55	0.95	1	1	5.772186
HS15_serv_opr	BOBJ1	373.55	After	Interior Girder 2	148.55	0.95	1	1	5.772186
HS15_serv_opr	BOBJ1	373.55	After	Right Exterior Girder	148.55	0.95	1	1	6.479401
HS15_serv_opr	BOBJ1	385	Before	Left Exterior Girder	160	0.95	1	1	6.301889
HS15_serv_opr	BOBJ1	385	Before	Interior Girder 1	160	0.95	1	1	5.670213
HS15_serv_opr	BOBJ1	385	Before	Interior Girder 2	160	0.95	1	1	5.670213
HS15_serv_opr	BOBJ1	385	Before	Right Exterior Girder	160	0.95	1	1	6.301889
HS15_serv_opr	BOBJ1	385	After	Left Exterior Girder	160	0.95	1	1	6.301888
HS15_serv_opr	BOBJ1	385	After	Interior Girder 1	160	0.95	1	1	5.670213
HS15_serv_opr	BOBJ1	385	After	Interior Girder 2	160	0.95	1	1	5.670213
HS15_serv_opr	BOBJ1	385	After	Right Exterior Girder	160	0.95	1	1	6.301889
HS15_serv_opr	BOBJ1	396.45	Before	Left Exterior Girder	171.45	0.95	1	1	6.479401
HS15_serv_opr	BOBJ1	396.45	Before	Interior Girder 1	171.45	0.95	1	1	5.772186
HS15_serv_opr	BOBJ1	396.45	Before	Interior Girder 2	171.45	0.95	1	1	5.772186
HS15_serv_opr	BOBJ1	396.45	Before	Right Exterior Girder	171.45	0.95	1	1	6.479401
HS15_serv_opr	BOBJ1	396.45	After	Left Exterior Girder	171.45	0.95	1	1	6.480213
HS15_serv_opr	BOBJ1	396.45	After	Interior Girder 1	171.45	0.95	1	1	5.769471
HS15_serv_opr	BOBJ1	396.45	After	Interior Girder 2	171.45	0.95	1	1	5.769471
HS15_serv_opr	BOBJ1	396.45	After	Right Exterior Girder	171.45	0.95	1	1	6.480213
HS15_serv_opr	BOBJ1	407.9	Before	Left Exterior Girder	182.9	0.95	1	1	6.926655
HS15_serv_opr	BOBJ1	407.9	Before	Interior Girder 1	182.9	0.95	1	1	6.199008
HS15_serv_opr	BOBJ1	407.9	Before	Interior Girder 2	182.9	0.95	1	1	6.199008
HS15_serv_opr	BOBJ1	407.9	Before	Right Exterior Girder	182.9	0.95	1	1	6.926655
HS15_serv_opr	BOBJ1	407.9	After	Left Exterior Girder	182.9	0.95	1	1	6.893069
HS15_serv_opr	BOBJ1	407.9	After	Interior Girder 1	182.9	0.95	1	1	6.186617
HS15_serv_opr	BOBJ1	407.9	After	Interior Girder 2	182.9	0.95	1	1	6.186616
HS15_serv_opr	BOBJ1	407.9	After	Right Exterior Girder	182.9	0.95	1	1	6.893069
HS15_serv_opr	BOBJ1	419.3	Before	Left Exterior Girder	194.3	0.95	1	1	7.779193
HS15_serv_opr	BOBJ1	419.3	Before	Interior Girder 1	194.3	0.95	1	1	6.869837
HS15_serv_opr	BOBJ1	419.3	Before	Interior Girder 2	194.3	0.95	1	1	6.869837
HS15_serv_opr	BOBJ1	419.3	Before	Right Exterior Girder	194.3	0.95	1	1	7.779193
HS15_serv_opr	BOBJ1	419.3	After	Left Exterior Girder	194.3	0.95	1	1	7.781399
HS15_serv_opr	BOBJ1	419.3	After	Interior Girder 1	194.3	0.95	1	1	6.868865
HS15_serv_opr	BOBJ1	419.3	After	Interior Girder 2	194.3	0.95	1	1	6.868865
HS15_serv_opr	BOBJ1	419.3	After	Right Exterior Girder	194.3	0.95	1	1	7.781399
HS15_serv_opr	BOBJ1	430.7	Before	Left Exterior Girder	205.7	0.95	1	1	9.077088
HS15_serv_opr	BOBJ1	430.7	Before	Interior Girder 1	205.7	0.95	1	1	8.006034
HS15_serv_opr	BOBJ1	430.7	Before	Interior Girder 2	205.7	0.95	1	1	8.006033
HS15_serv_opr	BOBJ1	430.7	Before	Right Exterior Girder	205.7	0.95	1	1	9.077088
HS15_serv_opr	BOBJ1	430.7	After	Left Exterior Girder	205.7	0.95	1	1	9.010914
HS15_serv_opr	BOBJ1	430.7	After	Interior Girder 1	205.7	0.95	1	1	7.995555
HS15_serv_opr	BOBJ1	430.7	After	Interior Girder 2	205.7	0.95	1	1	7.995555
HS15_serv_opr	BOBJ1	430.7	After	Right Exterior Girder	205.7	0.95	1	1	9.010914
HS15_serv_opr	BOBJ1	442.15	Before	Left Exterior Girder	217.0321	0.95	1	1	11.059198
HS15_serv_opr	BOBJ1	442.15	Before	Interior Girder 1	217.0321	0.95	1	1	9.580116
HS15_serv_opr	BOBJ1	442.15	Before	Interior Girder 2	217.0321	0.95	1	1	9.580116
HS15_serv_opr	BOBJ1	442.15	Before	Right Exterior Girder	217.0321	0.95	1	1	11.059198
HS15_serv_opr	BOBJ1	442.15	After	Left Exterior Girder	217.0321	0.95	1	1	5.726814
HS15_serv_opr	BOBJ1	442.15	After	Interior Girder 1	217.0321	0.95	1	1	4.878668
HS15_serv_opr	BOBJ1	442.15	After	Interior Girder 2	217.0321	0.95	1	1	4.878668
HS15_serv_opr	BOBJ1	442.15	After	Right Exterior Girder	217.0321	0.95	1	1	5.726814
HS15_serv_opr	BOBJ1	453.6	Before	Left Exterior Girder	228.6	0.95	1	1	8.010947
HS15_serv_opr	BOBJ1	453.6	Before	Interior Girder 1	228.6	0.95	1	1	6.758773
HS15_serv_opr	BOBJ1	453.6	Before	Interior Girder 2	228.6	0.95	1	1	6.758773
HS15_serv_opr	BOBJ1	453.6	Before	Right Exterior Girder	228.6	0.95	1	1	8.010947
HS15_serv_opr	BOBJ1	453.6	After	Left Exterior Girder	228.6	0.95	1	1	7.908469
HS15_serv_opr	BOBJ1	453.6	After	Interior Girder 1	228.6	0.95	1	1	6.757756

TABLE: Bridge Super Rating AASHTORATE18 26 - SteelINonCompServ-Flx - Main Span Girders									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
HS15_serv_opr	BOBJ1	453.6	After	Interior Girder 2	228.6	0.95	1	1	6.757756
HS15_serv_opr	BOBJ1	453.6	After	Right Exterior Girder	228.6	0.95	1	1	7.908468
HS15_serv_opr	BOBJ1	463.0439	Before	Left Exterior Girder	238.0439	0.95	1	1	10.726834
HS15_serv_opr	BOBJ1	463.0439	Before	Interior Girder 1	238.0439	0.95	1	1	8.858578
HS15_serv_opr	BOBJ1	463.0439	Before	Interior Girder 2	238.0439	0.95	1	1	8.858578
HS15_serv_opr	BOBJ1	463.0439	Before	Right Exterior Girder	238.0439	0.95	1	1	10.726834
HS15_serv_opr	BOBJ1	463.0439	After	Left Exterior Girder	238.0439	0.95	1	1	4.102614
HS15_serv_opr	BOBJ1	463.0439	After	Interior Girder 1	238.0439	0.95	1	1	3.342854
HS15_serv_opr	BOBJ1	463.0439	After	Interior Girder 2	238.0439	0.95	1	1	3.342854
HS15_serv_opr	BOBJ1	463.0439	After	Right Exterior Girder	238.0439	0.95	1	1	4.102614
HS15_serv_opr	BOBJ1	465	Before	Left Exterior Girder	240	0.95	1	1	4.641088
HS15_serv_opr	BOBJ1	465	Before	Interior Girder 1	240	0.95	1	1	3.730475
HS15_serv_opr	BOBJ1	465	Before	Interior Girder 2	240	0.95	1	1	3.730475
HS15_serv_opr	BOBJ1	465	Before	Right Exterior Girder	240	0.95	1	1	4.641088
HS15_serv_opr	BOBJ1	465	After	Left Exterior Girder	240	0.95	1	1	4.63987
HS15_serv_opr	BOBJ1	465	After	Interior Girder 1	240	0.95	1	1	3.732569
HS15_serv_opr	BOBJ1	465	After	Interior Girder 2	240	0.95	1	1	3.732569
HS15_serv_opr	BOBJ1	465	After	Right Exterior Girder	240	0.95	1	1	4.63987
HS15_serv_opr	BOBJ1	476.4	Before	Left Exterior Girder	251.4	0.95	1	1	8.583684
HS15_serv_opr	BOBJ1	476.4	Before	Interior Girder 1	251.4	0.95	1	1	6.727273
HS15_serv_opr	BOBJ1	476.4	Before	Interior Girder 2	251.4	0.95	1	1	6.727274
HS15_serv_opr	BOBJ1	476.4	Before	Right Exterior Girder	251.4	0.95	1	1	8.583684
HS15_serv_opr	BOBJ1	476.4	After	Left Exterior Girder	251.4	0.95	1	1	8.292911
HS15_serv_opr	BOBJ1	476.4	After	Interior Girder 1	251.4	0.95	1	1	6.602141
HS15_serv_opr	BOBJ1	476.4	After	Interior Girder 2	251.4	0.95	1	1	6.602142
HS15_serv_opr	BOBJ1	476.4	After	Right Exterior Girder	251.4	0.95	1	1	8.292911
HS15_serv_opr	BOBJ1	487.85	Before	Left Exterior Girder	262.85	0.95	1	1	10.983248
HS15_serv_opr	BOBJ1	487.85	Before	Interior Girder 1	262.85	0.95	1	1	10.678076
HS15_serv_opr	BOBJ1	487.85	Before	Interior Girder 2	262.85	0.95	1	1	10.678076
HS15_serv_opr	BOBJ1	487.85	Before	Right Exterior Girder	262.85	0.95	1	1	10.983248
HS15_serv_opr	BOBJ1	487.85	After	Left Exterior Girder	262.85	0.95	1	1	10.998969
HS15_serv_opr	BOBJ1	487.85	After	Interior Girder 1	262.85	0.95	1	1	10.662951
HS15_serv_opr	BOBJ1	487.85	After	Interior Girder 2	262.85	0.95	1	1	10.662952
HS15_serv_opr	BOBJ1	487.85	After	Right Exterior Girder	262.85	0.95	1	1	10.998969
HS15_serv_opr	BOBJ1	496.3126	Before	Left Exterior Girder	271.3126	0.95	1	1	7.178319
HS15_serv_opr	BOBJ1	496.3126	Before	Interior Girder 1	271.3126	0.95	1	1	6.899119
HS15_serv_opr	BOBJ1	496.3126	Before	Interior Girder 2	271.3126	0.95	1	1	6.899118
HS15_serv_opr	BOBJ1	496.3126	Before	Right Exterior Girder	271.3126	0.95	1	1	7.178319
HS15_serv_opr	BOBJ1	496.3126	After	Left Exterior Girder	271.3126	0.95	1	1	16.678245
HS15_serv_opr	BOBJ1	496.3126	After	Interior Girder 1	271.3126	0.95	1	1	15.910311
HS15_serv_opr	BOBJ1	496.3126	After	Interior Girder 2	271.3126	0.95	1	1	15.910311
HS15_serv_opr	BOBJ1	496.3126	After	Right Exterior Girder	271.3126	0.95	1	1	16.678245
HS15_serv_opr	BOBJ1	499.3	Before	Left Exterior Girder	274.3	0.95	1	1	15.217429
HS15_serv_opr	BOBJ1	499.3	Before	Interior Girder 1	274.3	0.95	1	1	14.453093
HS15_serv_opr	BOBJ1	499.3	Before	Interior Girder 2	274.3	0.95	1	1	14.453092
HS15_serv_opr	BOBJ1	499.3	Before	Right Exterior Girder	274.3	0.95	1	1	15.217429
HS15_serv_opr	BOBJ1	499.3	After	Left Exterior Girder	274.3	0.95	1	1	15.108976
HS15_serv_opr	BOBJ1	499.3	After	Interior Girder 1	274.3	0.95	1	1	14.369619
HS15_serv_opr	BOBJ1	499.3	After	Interior Girder 2	274.3	0.95	1	1	14.369619
HS15_serv_opr	BOBJ1	499.3	After	Right Exterior Girder	274.3	0.95	1	1	15.108976
HS15_serv_opr	BOBJ1	503.8969	Before	Left Exterior Girder	278.8969	0.95	1	1	12.918138
HS15_serv_opr	BOBJ1	503.8969	Before	Interior Girder 1	278.8969	0.95	1	1	12.15859
HS15_serv_opr	BOBJ1	503.8969	Before	Interior Girder 2	278.8969	0.95	1	1	12.15859
HS15_serv_opr	BOBJ1	503.8969	Before	Right Exterior Girder	278.8969	0.95	1	1	12.918138
HS15_serv_opr	BOBJ1	503.8969	After	Left Exterior Girder	278.8969	0.95	1	1	24.077574
HS15_serv_opr	BOBJ1	503.8969	After	Interior Girder 1	278.8969	0.95	1	1	22.643844
HS15_serv_opr	BOBJ1	503.8969	After	Interior Girder 2	278.8969	0.95	1	1	22.643844
HS15_serv_opr	BOBJ1	503.8969	After	Right Exterior Girder	278.8969	0.95	1	1	24.077574
HS15_serv_opr	BOBJ1	510.7	Before	Left Exterior Girder	285.7	0.95	1	1	20.577679
HS15_serv_opr	BOBJ1	510.7	Before	Interior Girder 1	285.7	0.95	1	1	19.047769
HS15_serv_opr	BOBJ1	510.7	Before	Interior Girder 2	285.7	0.95	1	1	19.047768
HS15_serv_opr	BOBJ1	510.7	Before	Right Exterior Girder	285.7	0.95	1	1	20.577679
HS15_serv_opr	BOBJ1	510.7	After	Left Exterior Girder	285.7	0.95	1	1	20.58751
HS15_serv_opr	BOBJ1	510.7	After	Interior Girder 1	285.7	0.95	1	1	19.039293
HS15_serv_opr	BOBJ1	510.7	After	Interior Girder 2	285.7	0.95	1	1	19.039292
HS15_serv_opr	BOBJ1	510.7	After	Right Exterior Girder	285.7	0.95	1	1	20.58751
HS15_serv_opr	BOBJ1	511.4811	Before	Left Exterior Girder	286.4811	0.95	1	1	20.17728
HS15_serv_opr	BOBJ1	511.4811	Before	Interior Girder 1	286.4811	0.95	1	1	18.642767
HS15_serv_opr	BOBJ1	511.4811	Before	Interior Girder 2	286.4811	0.95	1	1	18.642766
HS15_serv_opr	BOBJ1	511.4811	Before	Right Exterior Girder	286.4811	0.95	1	1	20.17728

TABLE: Bridge Super Rating AASHTORATE18 26 - SteelINonCompServ-Flx - Main Span Girders									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
HS15_serv_opr	BOBJ1	511.4811	After	Left Exterior Girder	286.4811	0.95	1	1	29.134373
HS15_serv_opr	BOBJ1	511.4811	After	Interior Girder 1	286.4811	0.95	1	1	27.138775
HS15_serv_opr	BOBJ1	511.4811	After	Interior Girder 2	286.4811	0.95	1	1	27.138774
HS15_serv_opr	BOBJ1	511.4811	After	Right Exterior Girder	286.4811	0.95	1	1	29.134373
HS15_serv_opr	BOBJ1	522.1	Before	Left Exterior Girder	297.1	0.95	1	1	20.939099
HS15_serv_opr	BOBJ1	522.1	Before	Interior Girder 1	297.1	0.95	1	1	21.228267
HS15_serv_opr	BOBJ1	522.1	Before	Interior Girder 2	297.1	0.95	1	1	21.228266
HS15_serv_opr	BOBJ1	522.1	Before	Right Exterior Girder	297.1	0.95	1	1	20.939099
HS15_serv_opr	BOBJ1	522.1	After	Left Exterior Girder	297.1	0.95	1	1	21.449575
HS15_serv_opr	BOBJ1	522.1	After	Interior Girder 1	297.1	0.95	1	1	21.205823
HS15_serv_opr	BOBJ1	522.1	After	Interior Girder 2	297.1	0.95	1	1	21.205822
HS15_serv_opr	BOBJ1	522.1	After	Right Exterior Girder	297.1	0.95	1	1	21.449575
HS15_serv_opr	BOBJ1	530.4918	Before	Left Exterior Girder	305.4918	0.95	1	1	14.625147
HS15_serv_opr	BOBJ1	530.4918	Before	Interior Girder 1	305.4918	0.95	1	1	14.633853
HS15_serv_opr	BOBJ1	530.4918	Before	Interior Girder 2	305.4918	0.95	1	1	14.633854
HS15_serv_opr	BOBJ1	530.4918	Before	Right Exterior Girder	305.4918	0.95	1	1	14.625146
HS15_serv_opr	BOBJ1	530.4918	After	Left Exterior Girder	305.4918	0.95	1	1	21.489931
HS15_serv_opr	BOBJ1	530.4918	After	Interior Girder 1	305.4918	0.95	1	1	21.496818
HS15_serv_opr	BOBJ1	530.4918	After	Interior Girder 2	305.4918	0.95	1	1	21.49682
HS15_serv_opr	BOBJ1	530.4918	After	Right Exterior Girder	305.4918	0.95	1	1	21.48993
HS15_serv_opr	BOBJ1	533.55	Before	Left Exterior Girder	308.55	0.95	1	1	18.917018
HS15_serv_opr	BOBJ1	533.55	Before	Interior Girder 1	308.55	0.95	1	1	18.802373
HS15_serv_opr	BOBJ1	533.55	Before	Interior Girder 2	308.55	0.95	1	1	18.802375
HS15_serv_opr	BOBJ1	533.55	Before	Right Exterior Girder	308.55	0.95	1	1	18.917017
HS15_serv_opr	BOBJ1	533.55	After	Left Exterior Girder	308.55	0.95	1	1	18.878317
HS15_serv_opr	BOBJ1	533.55	After	Interior Girder 1	308.55	0.95	1	1	18.792417
HS15_serv_opr	BOBJ1	533.55	After	Interior Girder 2	308.55	0.95	1	1	18.792418
HS15_serv_opr	BOBJ1	533.55	After	Right Exterior Girder	308.55	0.95	1	1	18.878316
HS15_serv_opr	BOBJ1	545	Before	Left Exterior Girder	320	0.95	1	1	11.29252
HS15_serv_opr	BOBJ1	545	Before	Interior Girder 1	320	0.95	1	1	10.460575
HS15_serv_opr	BOBJ1	545	Before	Interior Girder 2	320	0.95	1	1	10.460576
HS15_serv_opr	BOBJ1	545	Before	Right Exterior Girder	320	0.95	1	1	11.292519
HS15_serv_opr	BOBJ1	545	After	Left Exterior Girder	0	0.95	1	1	11.864092
HS15_serv_opr	BOBJ1	545	After	Interior Girder 1	0	0.95	1	1	10.770283
HS15_serv_opr	BOBJ1	545	After	Interior Girder 2	0	0.95	1	1	10.770284
HS15_serv_opr	BOBJ1	545	After	Right Exterior Girder	0	0.95	1	1	11.864092
HS15_serv_opr	BOBJ1	556.25	Before	Left Exterior Girder	11.25	0.95	1	1	18.689518
HS15_serv_opr	BOBJ1	556.25	Before	Interior Girder 1	11.25	0.95	1	1	17.67212
HS15_serv_opr	BOBJ1	556.25	Before	Interior Girder 2	11.25	0.95	1	1	17.67212
HS15_serv_opr	BOBJ1	556.25	Before	Right Exterior Girder	11.25	0.95	1	1	18.689517
HS15_serv_opr	BOBJ1	556.25	After	Left Exterior Girder	11.25	0.95	1	1	18.712151
HS15_serv_opr	BOBJ1	556.25	After	Interior Girder 1	11.25	0.95	1	1	17.701974
HS15_serv_opr	BOBJ1	556.25	After	Interior Girder 2	11.25	0.95	1	1	17.701974
HS15_serv_opr	BOBJ1	556.25	After	Right Exterior Girder	11.25	0.95	1	1	18.71215
HS15_serv_opr	BOBJ1	559.4358	Before	Left Exterior Girder	14.4358	0.95	1	1	20.806826
HS15_serv_opr	BOBJ1	559.4358	Before	Interior Girder 1	14.4358	0.95	1	1	19.959211
HS15_serv_opr	BOBJ1	559.4358	Before	Interior Girder 2	14.4358	0.95	1	1	19.959211
HS15_serv_opr	BOBJ1	559.4358	Before	Right Exterior Girder	14.4358	0.95	1	1	20.806825
HS15_serv_opr	BOBJ1	559.4358	After	Left Exterior Girder	14.4358	0.95	1	1	14.077049
HS15_serv_opr	BOBJ1	559.4358	After	Interior Girder 1	14.4358	0.95	1	1	13.488968
HS15_serv_opr	BOBJ1	559.4358	After	Interior Girder 2	14.4358	0.95	1	1	13.488968
HS15_serv_opr	BOBJ1	559.4358	After	Right Exterior Girder	14.4358	0.95	1	1	14.077048
HS15_serv_opr	BOBJ1	567.5	Before	Left Exterior Girder	22.5	0.95	1	1	18.739657
HS15_serv_opr	BOBJ1	567.5	Before	Interior Girder 1	22.5	0.95	1	1	17.258249
HS15_serv_opr	BOBJ1	567.5	Before	Interior Girder 2	22.5	0.95	1	1	17.25825
HS15_serv_opr	BOBJ1	567.5	Before	Right Exterior Girder	22.5	0.95	1	1	18.739656
HS15_serv_opr	BOBJ1	567.5	After	Left Exterior Girder	22.5	0.95	1	1	18.26679
HS15_serv_opr	BOBJ1	567.5	After	Interior Girder 1	22.5	0.95	1	1	17.232994
HS15_serv_opr	BOBJ1	567.5	After	Interior Girder 2	22.5	0.95	1	1	17.232994
HS15_serv_opr	BOBJ1	567.5	After	Right Exterior Girder	22.5	0.95	1	1	18.266789
HS15_serv_opr	BOBJ1	570.0586	Before	Left Exterior Girder	25.0586	0.95	1	1	19.864068
HS15_serv_opr	BOBJ1	570.0586	Before	Interior Girder 1	25.0586	0.95	1	1	18.314034
HS15_serv_opr	BOBJ1	570.0586	Before	Interior Girder 2	25.0586	0.95	1	1	18.314034
HS15_serv_opr	BOBJ1	570.0586	Before	Right Exterior Girder	25.0586	0.95	1	1	19.864067
HS15_serv_opr	BOBJ1	570.0586	After	Left Exterior Girder	25.0586	0.95	1	1	12.144262
HS15_serv_opr	BOBJ1	570.0586	After	Interior Girder 1	25.0586	0.95	1	1	11.216968
HS15_serv_opr	BOBJ1	570.0586	After	Interior Girder 2	25.0586	0.95	1	1	11.216968
HS15_serv_opr	BOBJ1	570.0586	After	Right Exterior Girder	25.0586	0.95	1	1	12.144262
HS15_serv_opr	BOBJ1	578.75	Before	Left Exterior Girder	33.75	0.95	1	1	15.666287
HS15_serv_opr	BOBJ1	578.75	Before	Interior Girder 1	33.75	0.95	1	1	14.61048

TABLE: Bridge Super Rating AASHTORATE18 26 - SteelINonCompServ-Flx - Main Span Girders									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
HS15_serv_opr	BOBJ1	578.75	Before	Interior Girder 2	33.75	0.95	1	1	14.61048
HS15_serv_opr	BOBJ1	578.75	Before	Right Exterior Girder	33.75	0.95	1	1	15.666286
HS15_serv_opr	BOBJ1	578.75	After	Left Exterior Girder	33.75	0.95	1	1	15.632748
HS15_serv_opr	BOBJ1	578.75	After	Interior Girder 1	33.75	0.95	1	1	14.633381
HS15_serv_opr	BOBJ1	578.75	After	Interior Girder 2	33.75	0.95	1	1	14.633381
HS15_serv_opr	BOBJ1	578.75	After	Right Exterior Girder	33.75	0.95	1	1	15.632748
HS15_serv_opr	BOBJ1	586.8142	Before	Left Exterior Girder	41.8142	0.95	1	1	18.830327
HS15_serv_opr	BOBJ1	586.8142	Before	Interior Girder 1	41.8142	0.95	1	1	17.902116
HS15_serv_opr	BOBJ1	586.8142	Before	Interior Girder 2	41.8142	0.95	1	1	17.902116
HS15_serv_opr	BOBJ1	586.8142	Before	Right Exterior Girder	41.8142	0.95	1	1	18.830327
HS15_serv_opr	BOBJ1	586.8142	After	Left Exterior Girder	41.8142	0.95	1	1	8.997095
HS15_serv_opr	BOBJ1	586.8142	After	Interior Girder 1	41.8142	0.95	1	1	8.579407
HS15_serv_opr	BOBJ1	586.8142	After	Interior Girder 2	41.8142	0.95	1	1	8.579407
HS15_serv_opr	BOBJ1	586.8142	After	Right Exterior Girder	41.8142	0.95	1	1	8.997095
HS15_serv_opr	BOBJ1	590	Before	Left Exterior Girder	45	0.95	1	1	10.114886
HS15_serv_opr	BOBJ1	590	Before	Interior Girder 1	45	0.95	1	1	9.711915
HS15_serv_opr	BOBJ1	590	Before	Interior Girder 2	45	0.95	1	1	9.711915
HS15_serv_opr	BOBJ1	590	Before	Right Exterior Girder	45	0.95	1	1	10.114886
HS15_serv_opr	BOBJ1	590	After	Left Exterior Girder	45	0.95	1	1	10.162738
HS15_serv_opr	BOBJ1	590	After	Interior Girder 1	45	0.95	1	1	9.743128
HS15_serv_opr	BOBJ1	590	After	Interior Girder 2	45	0.95	1	1	9.743128
HS15_serv_opr	BOBJ1	590	After	Right Exterior Girder	45	0.95	1	1	10.162737
HS15_serv_opr	BOBJ1	601.25	Before	Left Exterior Girder	56.25	0.95	1	1	14.210565
HS15_serv_opr	BOBJ1	601.25	Before	Interior Girder 1	56.25	0.95	1	1	13.818777
HS15_serv_opr	BOBJ1	601.25	Before	Interior Girder 2	56.25	0.95	1	1	13.818777
HS15_serv_opr	BOBJ1	601.25	Before	Right Exterior Girder	56.25	0.95	1	1	14.210564
HS15_serv_opr	BOBJ1	601.25	After	Left Exterior Girder	56.25	0.95	1	1	14.19137
HS15_serv_opr	BOBJ1	601.25	After	Interior Girder 1	56.25	0.95	1	1	13.835695
HS15_serv_opr	BOBJ1	601.25	After	Interior Girder 2	56.25	0.95	1	1	13.835695
HS15_serv_opr	BOBJ1	601.25	After	Right Exterior Girder	56.25	0.95	1	1	14.19137
HS15_serv_opr	BOBJ1	601.7478	Before	Left Exterior Girder	56.7478	0.95	1	1	14.373346
HS15_serv_opr	BOBJ1	601.7478	Before	Interior Girder 1	56.7478	0.95	1	1	14.024391
HS15_serv_opr	BOBJ1	601.7478	Before	Interior Girder 2	56.7478	0.95	1	1	14.024391
HS15_serv_opr	BOBJ1	601.7478	Before	Right Exterior Girder	56.7478	0.95	1	1	14.373345
HS15_serv_opr	BOBJ1	601.7478	After	Left Exterior Girder	56.7478	0.95	1	1	5.715192
HS15_serv_opr	BOBJ1	601.7478	After	Interior Girder 1	56.7478	0.95	1	1	5.621887
HS15_serv_opr	BOBJ1	601.7478	After	Interior Girder 2	56.7478	0.95	1	1	5.621887
HS15_serv_opr	BOBJ1	601.7478	After	Right Exterior Girder	56.7478	0.95	1	1	5.715192
HS15_serv_opr	BOBJ1	612.5	Before	Left Exterior Girder	67.5	0.95	1	1	9.196833
HS15_serv_opr	BOBJ1	612.5	Before	Interior Girder 1	67.5	0.95	1	1	9.126878
HS15_serv_opr	BOBJ1	612.5	Before	Interior Girder 2	67.5	0.95	1	1	9.126878
HS15_serv_opr	BOBJ1	612.5	Before	Right Exterior Girder	67.5	0.95	1	1	9.196833
HS15_serv_opr	BOBJ1	612.5	After	Left Exterior Girder	67.5	0.95	1	1	9.116798
HS15_serv_opr	BOBJ1	612.5	After	Interior Girder 1	67.5	0.95	1	1	9.078456
HS15_serv_opr	BOBJ1	612.5	After	Interior Girder 2	67.5	0.95	1	1	9.078456
HS15_serv_opr	BOBJ1	612.5	After	Right Exterior Girder	67.5	0.95	1	1	9.116798
HS15_serv_opr	BOBJ1	623.75	Before	Left Exterior Girder	78.75	0.95	1	1	8.458489
HS15_serv_opr	BOBJ1	623.75	Before	Interior Girder 1	78.75	0.95	1	1	7.062672
HS15_serv_opr	BOBJ1	623.75	Before	Interior Girder 2	78.75	0.95	1	1	7.062672
HS15_serv_opr	BOBJ1	623.75	Before	Right Exterior Girder	78.75	0.95	1	1	8.458489
HS15_serv_opr	BOBJ1	623.75	After	Left Exterior Girder	78.75	0.95	1	1	8.46594
HS15_serv_opr	BOBJ1	623.75	After	Interior Girder 1	78.75	0.95	1	1	7.057803
HS15_serv_opr	BOBJ1	623.75	After	Interior Girder 2	78.75	0.95	1	1	7.057803
HS15_serv_opr	BOBJ1	623.75	After	Right Exterior Girder	78.75	0.95	1	1	8.46594
HS15_serv_opr	BOBJ1	635	Before	Left Exterior Girder	90	0.95	1	1	5.901041
HS15_serv_opr	BOBJ1	635	Before	Interior Girder 1	90	0.95	1	1	5.161227
HS15_serv_opr	BOBJ1	635	Before	Interior Girder 2	90	0.95	1	1	5.161227
HS15_serv_opr	BOBJ1	635	Before	Right Exterior Girder	90	0.95	1	1	5.901041
HS15_serv_opr	BOBJ1	635	After	Left Exterior Girder	90	0.95	1	1	6.007931
HS15_serv_opr	BOBJ1	635	After	Interior Girder 1	90	0.95	1	1	5.188655
HS15_serv_opr	BOBJ1	635	After	Interior Girder 2	90	0.95	1	1	5.188655
HS15_serv_opr	BOBJ1	635	After	Right Exterior Girder	90	0.95	1	1	6.007931
HS15_serv_opr	BOBJ1	643.5619	Before	Left Exterior Girder	98.5619	0.95	1	1	4.69281
HS15_serv_opr	BOBJ1	643.5619	Before	Interior Girder 1	98.5619	0.95	1	1	4.096599
HS15_serv_opr	BOBJ1	643.5619	Before	Interior Girder 2	98.5619	0.95	1	1	4.096598
HS15_serv_opr	BOBJ1	643.5619	Before	Right Exterior Girder	98.5619	0.95	1	1	4.69281
HS15_serv_opr	BOBJ1	643.5619	After	Left Exterior Girder	98.5619	0.95	1	1	8.880985
HS15_serv_opr	BOBJ1	643.5619	After	Interior Girder 1	98.5619	0.95	1	1	7.744324
HS15_serv_opr	BOBJ1	643.5619	After	Interior Girder 2	98.5619	0.95	1	1	7.744323
HS15_serv_opr	BOBJ1	643.5619	After	Right Exterior Girder	98.5619	0.95	1	1	8.880985

TABLE: Bridge Super Rating AASHTORATE18 26 - SteelINonCompServ-Flx - Main Span Girders									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
HS15_serv_opr	BOBJ1	646.25	Before	Left Exterior Girder	101.25	0.95	1	1	8.442723
HS15_serv_opr	BOBJ1	646.25	Before	Interior Girder 1	101.25	0.95	1	1	7.394297
HS15_serv_opr	BOBJ1	646.25	Before	Interior Girder 2	101.25	0.95	1	1	7.394297
HS15_serv_opr	BOBJ1	646.25	Before	Right Exterior Girder	101.25	0.95	1	1	8.442724
HS15_serv_opr	BOBJ1	646.25	After	Left Exterior Girder	101.25	0.95	1	1	8.438749
HS15_serv_opr	BOBJ1	646.25	After	Interior Girder 1	101.25	0.95	1	1	7.397972
HS15_serv_opr	BOBJ1	646.25	After	Interior Girder 2	101.25	0.95	1	1	7.397971
HS15_serv_opr	BOBJ1	646.25	After	Right Exterior Girder	101.25	0.95	1	1	8.43875
HS15_serv_opr	BOBJ1	657.5	Before	Left Exterior Girder	112.5	0.95	1	1	7.00075
HS15_serv_opr	BOBJ1	657.5	Before	Interior Girder 1	112.5	0.95	1	1	6.303579
HS15_serv_opr	BOBJ1	657.5	Before	Interior Girder 2	112.5	0.95	1	1	6.303578
HS15_serv_opr	BOBJ1	657.5	Before	Right Exterior Girder	112.5	0.95	1	1	7.000751
HS15_serv_opr	BOBJ1	657.5	After	Left Exterior Girder	112.5	0.95	1	1	7.046707
HS15_serv_opr	BOBJ1	657.5	After	Interior Girder 1	112.5	0.95	1	1	6.31298
HS15_serv_opr	BOBJ1	657.5	After	Interior Girder 2	112.5	0.95	1	1	6.31298
HS15_serv_opr	BOBJ1	657.5	After	Right Exterior Girder	112.5	0.95	1	1	7.046707
HS15_serv_opr	BOBJ1	668.75	Before	Left Exterior Girder	123.75	0.95	1	1	6.203424
HS15_serv_opr	BOBJ1	668.75	Before	Interior Girder 1	123.75	0.95	1	1	5.555637
HS15_serv_opr	BOBJ1	668.75	Before	Interior Girder 2	123.75	0.95	1	1	5.555637
HS15_serv_opr	BOBJ1	668.75	Before	Right Exterior Girder	123.75	0.95	1	1	6.203424
HS15_serv_opr	BOBJ1	668.75	After	Left Exterior Girder	123.75	0.95	1	1	6.211349
HS15_serv_opr	BOBJ1	668.75	After	Interior Girder 1	123.75	0.95	1	1	5.564003
HS15_serv_opr	BOBJ1	668.75	After	Interior Girder 2	123.75	0.95	1	1	5.564003
HS15_serv_opr	BOBJ1	668.75	After	Right Exterior Girder	123.75	0.95	1	1	6.211348
HS15_serv_opr	BOBJ1	680	Before	Left Exterior Girder	135	0.95	1	1	5.698168
HS15_serv_opr	BOBJ1	680	Before	Interior Girder 1	135	0.95	1	1	5.183259
HS15_serv_opr	BOBJ1	680	Before	Interior Girder 2	135	0.95	1	1	5.18326
HS15_serv_opr	BOBJ1	680	Before	Right Exterior Girder	135	0.95	1	1	5.698168
HS15_serv_opr	BOBJ1	680	After	Left Exterior Girder	135	0.95	1	1	5.694428
HS15_serv_opr	BOBJ1	680	After	Interior Girder 1	135	0.95	1	1	5.180947
HS15_serv_opr	BOBJ1	680	After	Interior Girder 2	135	0.95	1	1	5.180947
HS15_serv_opr	BOBJ1	680	After	Right Exterior Girder	135	0.95	1	1	5.694428
HS15_serv_opr	BOBJ1	691.25	Before	Left Exterior Girder	146.25	0.95	1	1	5.588098
HS15_serv_opr	BOBJ1	691.25	Before	Interior Girder 1	146.25	0.95	1	1	4.996598
HS15_serv_opr	BOBJ1	691.25	Before	Interior Girder 2	146.25	0.95	1	1	4.996599
HS15_serv_opr	BOBJ1	691.25	Before	Right Exterior Girder	146.25	0.95	1	1	5.588098
HS15_serv_opr	BOBJ1	691.25	After	Left Exterior Girder	146.25	0.95	1	1	5.592208
HS15_serv_opr	BOBJ1	691.25	After	Interior Girder 1	146.25	0.95	1	1	4.992122
HS15_serv_opr	BOBJ1	691.25	After	Interior Girder 2	146.25	0.95	1	1	4.992122
HS15_serv_opr	BOBJ1	691.25	After	Right Exterior Girder	146.25	0.95	1	1	5.592208
HS15_serv_opr	BOBJ1	702.5	Before	Left Exterior Girder	157.5	0.95	1	1	5.813528
HS15_serv_opr	BOBJ1	702.5	Before	Interior Girder 1	157.5	0.95	1	1	5.169981
HS15_serv_opr	BOBJ1	702.5	Before	Interior Girder 2	157.5	0.95	1	1	5.169981
HS15_serv_opr	BOBJ1	702.5	Before	Right Exterior Girder	157.5	0.95	1	1	5.813528
HS15_serv_opr	BOBJ1	702.5	After	Left Exterior Girder	157.5	0.95	1	1	5.760561
HS15_serv_opr	BOBJ1	702.5	After	Interior Girder 1	157.5	0.95	1	1	5.190087
HS15_serv_opr	BOBJ1	702.5	After	Interior Girder 2	157.5	0.95	1	1	5.190087
HS15_serv_opr	BOBJ1	702.5	After	Right Exterior Girder	157.5	0.95	1	1	5.76056
HS15_serv_opr	BOBJ1	713.75	Before	Left Exterior Girder	168.75	0.95	1	1	6.50824
HS15_serv_opr	BOBJ1	713.75	Before	Interior Girder 1	168.75	0.95	1	1	5.623127
HS15_serv_opr	BOBJ1	713.75	Before	Interior Girder 2	168.75	0.95	1	1	5.623127
HS15_serv_opr	BOBJ1	713.75	Before	Right Exterior Girder	168.75	0.95	1	1	6.50824
HS15_serv_opr	BOBJ1	713.75	After	Left Exterior Girder	168.75	0.95	1	1	6.508565
HS15_serv_opr	BOBJ1	713.75	After	Interior Girder 1	168.75	0.95	1	1	5.6233
HS15_serv_opr	BOBJ1	713.75	After	Interior Girder 2	168.75	0.95	1	1	5.6233
HS15_serv_opr	BOBJ1	713.75	After	Right Exterior Girder	168.75	0.95	1	1	6.508564
HS15_serv_opr	BOBJ1	725	Before	Left Exterior Girder	180	0.95	1	1	7.904111
HS15_serv_opr	BOBJ1	725	Before	Interior Girder 1	180	0.95	1	1	6.648188
HS15_serv_opr	BOBJ1	725	Before	Interior Girder 2	180	0.95	1	1	6.648188
HS15_serv_opr	BOBJ1	725	Before	Right Exterior Girder	180	0.95	1	1	7.90411
HS15_serv_opr	BOBJ1	725	After	Left Exterior Girder	180	0.95	1	1	7.802894
HS15_serv_opr	BOBJ1	725	After	Interior Girder 1	180	0.95	1	1	6.710192
HS15_serv_opr	BOBJ1	725	After	Interior Girder 2	180	0.95	1	1	6.710192
HS15_serv_opr	BOBJ1	725	After	Right Exterior Girder	180	0.95	1	1	7.802895
HS15_serv_opr	BOBJ1	731.1726	Before	Left Exterior Girder	186.1726	0.95	1	1	9.104566
HS15_serv_opr	BOBJ1	731.1726	Before	Interior Girder 1	186.1726	0.95	1	1	7.507362
HS15_serv_opr	BOBJ1	731.1726	Before	Interior Girder 2	186.1726	0.95	1	1	7.507362
HS15_serv_opr	BOBJ1	731.1726	Before	Right Exterior Girder	186.1726	0.95	1	1	9.104566
HS15_serv_opr	BOBJ1	731.1726	After	Left Exterior Girder	186.1726	0.95	1	1	3.910558
HS15_serv_opr	BOBJ1	731.1726	After	Interior Girder 1	186.1726	0.95	1	1	3.208257

TABLE: Bridge Super Rating AASHTORATE18 26 - SteelINonCompServ-Flx - Main Span Girders									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
HS15_serv_opr	BOBJ1	731.1726	After	Interior Girder 2	186.1726	0.95	1	1	3.208257
HS15_serv_opr	BOBJ1	731.1726	After	Right Exterior Girder	186.1726	0.95	1	1	3.910558
HS15_serv_opr	BOBJ1	736.25	Before	Left Exterior Girder	191.25	0.95	1	1	4.814408
HS15_serv_opr	BOBJ1	736.25	Before	Interior Girder 1	191.25	0.95	1	1	3.800125
HS15_serv_opr	BOBJ1	736.25	Before	Interior Girder 2	191.25	0.95	1	1	3.800126
HS15_serv_opr	BOBJ1	736.25	Before	Right Exterior Girder	191.25	0.95	1	1	4.814407
HS15_serv_opr	BOBJ1	736.25	After	Left Exterior Girder	191.25	0.95	1	1	4.800463
HS15_serv_opr	BOBJ1	736.25	After	Interior Girder 1	191.25	0.95	1	1	3.798289
HS15_serv_opr	BOBJ1	736.25	After	Interior Girder 2	191.25	0.95	1	1	3.798289
HS15_serv_opr	BOBJ1	736.25	After	Right Exterior Girder	191.25	0.95	1	1	4.800463
HS15_serv_opr	BOBJ1	747.5	Before	Left Exterior Girder	202.5	0.95	1	1	8.355214
HS15_serv_opr	BOBJ1	747.5	Before	Interior Girder 1	202.5	0.95	1	1	6.152352
HS15_serv_opr	BOBJ1	747.5	Before	Interior Girder 2	202.5	0.95	1	1	6.152352
HS15_serv_opr	BOBJ1	747.5	Before	Right Exterior Girder	202.5	0.95	1	1	8.355214
HS15_serv_opr	BOBJ1	747.5	After	Left Exterior Girder	202.5	0.95	1	1	8.01221
HS15_serv_opr	BOBJ1	747.5	After	Interior Girder 1	202.5	0.95	1	1	6.070684
HS15_serv_opr	BOBJ1	747.5	After	Interior Girder 2	202.5	0.95	1	1	6.070684
HS15_serv_opr	BOBJ1	747.5	After	Right Exterior Girder	202.5	0.95	1	1	8.012208
HS15_serv_opr	BOBJ1	758.75	Before	Left Exterior Girder	213.75	0.95	1	1	18.873827
HS15_serv_opr	BOBJ1	758.75	Before	Interior Girder 1	213.75	0.95	1	1	12.632332
HS15_serv_opr	BOBJ1	758.75	Before	Interior Girder 2	213.75	0.95	1	1	12.632332
HS15_serv_opr	BOBJ1	758.75	Before	Right Exterior Girder	213.75	0.95	1	1	18.873821
HS15_serv_opr	BOBJ1	758.75	After	Left Exterior Girder	213.75	0.95	1	1	18.81268
HS15_serv_opr	BOBJ1	758.75	After	Interior Girder 1	213.75	0.95	1	1	12.465958
HS15_serv_opr	BOBJ1	758.75	After	Interior Girder 2	213.75	0.95	1	1	12.465959
HS15_serv_opr	BOBJ1	758.75	After	Right Exterior Girder	213.75	0.95	1	1	18.812675
HS15_serv_opr	BOBJ1	770	Before	Left Exterior Girder	225	0.95	1	1	389.176336
HS15_serv_opr	BOBJ1	770	Before	Interior Girder 1	225	0.95	1	1	323.254643
HS15_serv_opr	BOBJ1	770	Before	Interior Girder 2	225	0.95	1	1	323.253508
HS15_serv_opr	BOBJ1	770	Before	Right Exterior Girder	225	0.95	1	1	389.178286
HS15_serv_inv	BOBJ1	0	After	Left Exterior Girder	0	0.95	1	1	299.367969
HS15_serv_inv	BOBJ1	0	After	Interior Girder 1	0	0.95	1	1	248.657395
HS15_serv_inv	BOBJ1	0	After	Interior Girder 2	0	0.95	1	1	248.657119
HS15_serv_inv	BOBJ1	0	After	Right Exterior Girder	0	0.95	1	1	299.367959
HS15_serv_inv	BOBJ1	11.25	Before	Left Exterior Girder	11.25	0.95	1	1	14.471289
HS15_serv_inv	BOBJ1	11.25	Before	Interior Girder 1	11.25	0.95	1	1	9.589198
HS15_serv_inv	BOBJ1	11.25	Before	Interior Girder 2	11.25	0.95	1	1	9.5892
HS15_serv_inv	BOBJ1	11.25	Before	Right Exterior Girder	11.25	0.95	1	1	14.471288
HS15_serv_inv	BOBJ1	11.25	After	Left Exterior Girder	11.25	0.95	1	1	14.518325
HS15_serv_inv	BOBJ1	11.25	After	Interior Girder 1	11.25	0.95	1	1	9.717178
HS15_serv_inv	BOBJ1	11.25	After	Interior Girder 2	11.25	0.95	1	1	9.71718
HS15_serv_inv	BOBJ1	11.25	After	Right Exterior Girder	11.25	0.95	1	1	14.518324
HS15_serv_inv	BOBJ1	22.5	Before	Left Exterior Girder	22.5	0.95	1	1	6.163238
HS15_serv_inv	BOBJ1	22.5	Before	Interior Girder 1	22.5	0.95	1	1	4.669757
HS15_serv_inv	BOBJ1	22.5	Before	Interior Girder 2	22.5	0.95	1	1	4.669758
HS15_serv_inv	BOBJ1	22.5	Before	Right Exterior Girder	22.5	0.95	1	1	6.163237
HS15_serv_inv	BOBJ1	22.5	After	Left Exterior Girder	22.5	0.95	1	1	6.427087
HS15_serv_inv	BOBJ1	22.5	After	Interior Girder 1	22.5	0.95	1	1	4.732579
HS15_serv_inv	BOBJ1	22.5	After	Interior Girder 2	22.5	0.95	1	1	4.732579
HS15_serv_inv	BOBJ1	22.5	After	Right Exterior Girder	22.5	0.95	1	1	6.427087
HS15_serv_inv	BOBJ1	33.75	Before	Left Exterior Girder	33.75	0.95	1	1	3.692663
HS15_serv_inv	BOBJ1	33.75	Before	Interior Girder 1	33.75	0.95	1	1	2.921761
HS15_serv_inv	BOBJ1	33.75	Before	Interior Girder 2	33.75	0.95	1	1	2.921761
HS15_serv_inv	BOBJ1	33.75	Before	Right Exterior Girder	33.75	0.95	1	1	3.692664
HS15_serv_inv	BOBJ1	33.75	After	Left Exterior Girder	33.75	0.95	1	1	3.70339
HS15_serv_inv	BOBJ1	33.75	After	Interior Girder 1	33.75	0.95	1	1	2.923173
HS15_serv_inv	BOBJ1	33.75	After	Interior Girder 2	33.75	0.95	1	1	2.923174
HS15_serv_inv	BOBJ1	33.75	After	Right Exterior Girder	33.75	0.95	1	1	3.70339
HS15_serv_inv	BOBJ1	38.8274	Before	Left Exterior Girder	38.8274	0.95	1	1	3.008121
HS15_serv_inv	BOBJ1	38.8274	Before	Interior Girder 1	38.8274	0.95	1	1	2.46789
HS15_serv_inv	BOBJ1	38.8274	Before	Interior Girder 2	38.8274	0.95	1	1	2.46789
HS15_serv_inv	BOBJ1	38.8274	Before	Right Exterior Girder	38.8274	0.95	1	1	3.008121
HS15_serv_inv	BOBJ1	38.8274	After	Left Exterior Girder	38.8274	0.95	1	1	7.003512
HS15_serv_inv	BOBJ1	38.8274	After	Interior Girder 1	38.8274	0.95	1	1	5.774894
HS15_serv_inv	BOBJ1	38.8274	After	Interior Girder 2	38.8274	0.95	1	1	5.774894
HS15_serv_inv	BOBJ1	38.8274	After	Right Exterior Girder	38.8274	0.95	1	1	7.003512
HS15_serv_inv	BOBJ1	45	Before	Left Exterior Girder	45	0.95	1	1	6.002227
HS15_serv_inv	BOBJ1	45	Before	Interior Girder 1	45	0.95	1	1	5.161686
HS15_serv_inv	BOBJ1	45	Before	Interior Girder 2	45	0.95	1	1	5.161686
HS15_serv_inv	BOBJ1	45	Before	Right Exterior Girder	45	0.95	1	1	6.002227

TABLE: Bridge Super Rating AASHTORATE18 26 - SteelNonCompServ-Flx - Main Span Girders									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
HS15_serv_inv	BOBJ1	45	After	Left Exterior Girder	45	0.95	1	1	6.080084
HS15_serv_inv	BOBJ1	45	After	Interior Girder 1	45	0.95	1	1	5.113991
HS15_serv_inv	BOBJ1	45	After	Interior Girder 2	45	0.95	1	1	5.113991
HS15_serv_inv	BOBJ1	45	After	Right Exterior Girder	45	0.95	1	1	6.080085
HS15_serv_inv	BOBJ1	56.25	Before	Left Exterior Girder	56.25	0.95	1	1	5.006588
HS15_serv_inv	BOBJ1	56.25	Before	Interior Girder 1	56.25	0.95	1	1	4.325615
HS15_serv_inv	BOBJ1	56.25	Before	Interior Girder 2	56.25	0.95	1	1	4.325615
HS15_serv_inv	BOBJ1	56.25	Before	Right Exterior Girder	56.25	0.95	1	1	5.006589
HS15_serv_inv	BOBJ1	56.25	After	Left Exterior Girder	56.25	0.95	1	1	5.006339
HS15_serv_inv	BOBJ1	56.25	After	Interior Girder 1	56.25	0.95	1	1	4.325482
HS15_serv_inv	BOBJ1	56.25	After	Interior Girder 2	56.25	0.95	1	1	4.325482
HS15_serv_inv	BOBJ1	56.25	After	Right Exterior Girder	56.25	0.95	1	1	5.006339
HS15_serv_inv	BOBJ1	67.5	Before	Left Exterior Girder	67.5	0.95	1	1	4.431201
HS15_serv_inv	BOBJ1	67.5	Before	Interior Girder 1	67.5	0.95	1	1	3.992374
HS15_serv_inv	BOBJ1	67.5	Before	Interior Girder 2	67.5	0.95	1	1	3.992374
HS15_serv_inv	BOBJ1	67.5	Before	Right Exterior Girder	67.5	0.95	1	1	4.431201
HS15_serv_inv	BOBJ1	67.5	After	Left Exterior Girder	67.5	0.95	1	1	4.471944
HS15_serv_inv	BOBJ1	67.5	After	Interior Girder 1	67.5	0.95	1	1	3.976908
HS15_serv_inv	BOBJ1	67.5	After	Interior Girder 2	67.5	0.95	1	1	3.976908
HS15_serv_inv	BOBJ1	67.5	After	Right Exterior Girder	67.5	0.95	1	1	4.471945
HS15_serv_inv	BOBJ1	78.75	Before	Left Exterior Girder	78.75	0.95	1	1	4.301699
HS15_serv_inv	BOBJ1	78.75	Before	Interior Girder 1	78.75	0.95	1	1	3.840094
HS15_serv_inv	BOBJ1	78.75	Before	Interior Girder 2	78.75	0.95	1	1	3.840093
HS15_serv_inv	BOBJ1	78.75	Before	Right Exterior Girder	78.75	0.95	1	1	4.301699
HS15_serv_inv	BOBJ1	78.75	After	Left Exterior Girder	78.75	0.95	1	1	4.298537
HS15_serv_inv	BOBJ1	78.75	After	Interior Girder 1	78.75	0.95	1	1	3.843537
HS15_serv_inv	BOBJ1	78.75	After	Interior Girder 2	78.75	0.95	1	1	3.843536
HS15_serv_inv	BOBJ1	78.75	After	Right Exterior Girder	78.75	0.95	1	1	4.298537
HS15_serv_inv	BOBJ1	90	Before	Left Exterior Girder	90	0.95	1	1	4.38033
HS15_serv_inv	BOBJ1	90	Before	Interior Girder 1	90	0.95	1	1	3.985343
HS15_serv_inv	BOBJ1	90	Before	Interior Girder 2	90	0.95	1	1	3.985343
HS15_serv_inv	BOBJ1	90	Before	Right Exterior Girder	90	0.95	1	1	4.38033
HS15_serv_inv	BOBJ1	90	After	Left Exterior Girder	90	0.95	1	1	4.383206
HS15_serv_inv	BOBJ1	90	After	Interior Girder 1	90	0.95	1	1	3.987122
HS15_serv_inv	BOBJ1	90	After	Interior Girder 2	90	0.95	1	1	3.987122
HS15_serv_inv	BOBJ1	90	After	Right Exterior Girder	90	0.95	1	1	4.383206
HS15_serv_inv	BOBJ1	101.25	Before	Left Exterior Girder	101.25	0.95	1	1	4.77796
HS15_serv_inv	BOBJ1	101.25	Before	Interior Girder 1	101.25	0.95	1	1	4.280002
HS15_serv_inv	BOBJ1	101.25	Before	Interior Girder 2	101.25	0.95	1	1	4.280002
HS15_serv_inv	BOBJ1	101.25	Before	Right Exterior Girder	101.25	0.95	1	1	4.777961
HS15_serv_inv	BOBJ1	101.25	After	Left Exterior Girder	101.25	0.95	1	1	4.771865
HS15_serv_inv	BOBJ1	101.25	After	Interior Girder 1	101.25	0.95	1	1	4.273567
HS15_serv_inv	BOBJ1	101.25	After	Interior Girder 2	101.25	0.95	1	1	4.273567
HS15_serv_inv	BOBJ1	101.25	After	Right Exterior Girder	101.25	0.95	1	1	4.771865
HS15_serv_inv	BOBJ1	112.5	Before	Left Exterior Girder	112.5	0.95	1	1	5.420544
HS15_serv_inv	BOBJ1	112.5	Before	Interior Girder 1	112.5	0.95	1	1	4.856138
HS15_serv_inv	BOBJ1	112.5	Before	Interior Girder 2	112.5	0.95	1	1	4.856139
HS15_serv_inv	BOBJ1	112.5	Before	Right Exterior Girder	112.5	0.95	1	1	5.420544
HS15_serv_inv	BOBJ1	112.5	After	Left Exterior Girder	112.5	0.95	1	1	5.385193
HS15_serv_inv	BOBJ1	112.5	After	Interior Girder 1	112.5	0.95	1	1	4.848906
HS15_serv_inv	BOBJ1	112.5	After	Interior Girder 2	112.5	0.95	1	1	4.848907
HS15_serv_inv	BOBJ1	112.5	After	Right Exterior Girder	112.5	0.95	1	1	5.385193
HS15_serv_inv	BOBJ1	123.75	Before	Left Exterior Girder	123.75	0.95	1	1	6.491346
HS15_serv_inv	BOBJ1	123.75	Before	Interior Girder 1	123.75	0.95	1	1	5.690747
HS15_serv_inv	BOBJ1	123.75	Before	Interior Girder 2	123.75	0.95	1	1	5.690747
HS15_serv_inv	BOBJ1	123.75	Before	Right Exterior Girder	123.75	0.95	1	1	6.491346
HS15_serv_inv	BOBJ1	123.75	After	Left Exterior Girder	123.75	0.95	1	1	6.494403
HS15_serv_inv	BOBJ1	123.75	After	Interior Girder 1	123.75	0.95	1	1	5.687921
HS15_serv_inv	BOBJ1	123.75	After	Interior Girder 2	123.75	0.95	1	1	5.687921
HS15_serv_inv	BOBJ1	123.75	After	Right Exterior Girder	123.75	0.95	1	1	6.494403
HS15_serv_inv	BOBJ1	126.4381	Before	Left Exterior Girder	126.4381	0.95	1	1	6.831527
HS15_serv_inv	BOBJ1	126.4381	Before	Interior Girder 1	126.4381	0.95	1	1	5.957171
HS15_serv_inv	BOBJ1	126.4381	Before	Interior Girder 2	126.4381	0.95	1	1	5.957172
HS15_serv_inv	BOBJ1	126.4381	Before	Right Exterior Girder	126.4381	0.95	1	1	6.831527
HS15_serv_inv	BOBJ1	126.4381	After	Left Exterior Girder	126.4381	0.95	1	1	3.609854
HS15_serv_inv	BOBJ1	126.4381	After	Interior Girder 1	126.4381	0.95	1	1	3.151229
HS15_serv_inv	BOBJ1	126.4381	After	Interior Girder 2	126.4381	0.95	1	1	3.15123
HS15_serv_inv	BOBJ1	126.4381	After	Right Exterior Girder	126.4381	0.95	1	1	3.609854
HS15_serv_inv	BOBJ1	135	Before	Left Exterior Girder	135	0.95	1	1	4.621445
HS15_serv_inv	BOBJ1	135	Before	Interior Girder 1	135	0.95	1	1	3.991273

TABLE: Bridge Super Rating AASHTORATE18 26 - SteelINonCompServ-Flx - Main Span Girders									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
HS15_serv_inv	BOBJ1	135	Before	Interior Girder 2	135	0.95	1	1	3.991273
HS15_serv_inv	BOBJ1	135	Before	Right Exterior Girder	135	0.95	1	1	4.621445
HS15_serv_inv	BOBJ1	135	After	Left Exterior Girder	135	0.95	1	1	4.539262
HS15_serv_inv	BOBJ1	135	After	Interior Girder 1	135	0.95	1	1	3.970174
HS15_serv_inv	BOBJ1	135	After	Interior Girder 2	135	0.95	1	1	3.970174
HS15_serv_inv	BOBJ1	135	After	Right Exterior Girder	135	0.95	1	1	4.539262
HS15_serv_inv	BOBJ1	146.25	Before	Left Exterior Girder	146.25	0.95	1	1	6.512261
HS15_serv_inv	BOBJ1	146.25	Before	Interior Girder 1	146.25	0.95	1	1	5.429079
HS15_serv_inv	BOBJ1	146.25	Before	Interior Girder 2	146.25	0.95	1	1	5.429079
HS15_serv_inv	BOBJ1	146.25	Before	Right Exterior Girder	146.25	0.95	1	1	6.512261
HS15_serv_inv	BOBJ1	146.25	After	Left Exterior Girder	146.25	0.95	1	1	6.506538
HS15_serv_inv	BOBJ1	146.25	After	Interior Girder 1	146.25	0.95	1	1	5.432825
HS15_serv_inv	BOBJ1	146.25	After	Interior Girder 2	146.25	0.95	1	1	5.432825
HS15_serv_inv	BOBJ1	146.25	After	Right Exterior Girder	146.25	0.95	1	1	6.506538
HS15_serv_inv	BOBJ1	157.5	Before	Left Exterior Girder	157.5	0.95	1	1	7.012921
HS15_serv_inv	BOBJ1	157.5	Before	Interior Girder 1	157.5	0.95	1	1	6.983428
HS15_serv_inv	BOBJ1	157.5	Before	Interior Girder 2	157.5	0.95	1	1	6.983428
HS15_serv_inv	BOBJ1	157.5	Before	Right Exterior Girder	157.5	0.95	1	1	7.012921
HS15_serv_inv	BOBJ1	157.5	After	Left Exterior Girder	157.5	0.95	1	1	7.074487
HS15_serv_inv	BOBJ1	157.5	After	Interior Girder 1	157.5	0.95	1	1	7.020676
HS15_serv_inv	BOBJ1	157.5	After	Interior Girder 2	157.5	0.95	1	1	7.020675
HS15_serv_inv	BOBJ1	157.5	After	Right Exterior Girder	157.5	0.95	1	1	7.074487
HS15_serv_inv	BOBJ1	168.2522	Before	Left Exterior Girder	168.2522	0.95	1	1	4.400006
HS15_serv_inv	BOBJ1	168.2522	Before	Interior Girder 1	168.2522	0.95	1	1	4.319656
HS15_serv_inv	BOBJ1	168.2522	Before	Interior Girder 2	168.2522	0.95	1	1	4.319656
HS15_serv_inv	BOBJ1	168.2522	Before	Right Exterior Girder	168.2522	0.95	1	1	4.400006
HS15_serv_inv	BOBJ1	168.2522	After	Left Exterior Girder	168.2522	0.95	1	1	11.063496
HS15_serv_inv	BOBJ1	168.2522	After	Interior Girder 1	168.2522	0.95	1	1	10.779193
HS15_serv_inv	BOBJ1	168.2522	After	Interior Girder 2	168.2522	0.95	1	1	10.779193
HS15_serv_inv	BOBJ1	168.2522	After	Right Exterior Girder	168.2522	0.95	1	1	11.063497
HS15_serv_inv	BOBJ1	168.75	Before	Left Exterior Girder	168.75	0.95	1	1	10.916438
HS15_serv_inv	BOBJ1	168.75	Before	Interior Girder 1	168.75	0.95	1	1	10.642843
HS15_serv_inv	BOBJ1	168.75	Before	Interior Girder 2	168.75	0.95	1	1	10.642842
HS15_serv_inv	BOBJ1	168.75	Before	Right Exterior Girder	168.75	0.95	1	1	10.916439
HS15_serv_inv	BOBJ1	168.75	After	Left Exterior Girder	168.75	0.95	1	1	10.931203
HS15_serv_inv	BOBJ1	168.75	After	Interior Girder 1	168.75	0.95	1	1	10.629829
HS15_serv_inv	BOBJ1	168.75	After	Interior Girder 2	168.75	0.95	1	1	10.629828
HS15_serv_inv	BOBJ1	168.75	After	Right Exterior Girder	168.75	0.95	1	1	10.931204
HS15_serv_inv	BOBJ1	180	Before	Left Exterior Girder	180	0.95	1	1	7.817491
HS15_serv_inv	BOBJ1	180	Before	Interior Girder 1	180	0.95	1	1	7.494714
HS15_serv_inv	BOBJ1	180	Before	Interior Girder 2	180	0.95	1	1	7.494714
HS15_serv_inv	BOBJ1	180	Before	Right Exterior Girder	180	0.95	1	1	7.817491
HS15_serv_inv	BOBJ1	180	After	Left Exterior Girder	180	0.95	1	1	7.780681
HS15_serv_inv	BOBJ1	180	After	Interior Girder 1	180	0.95	1	1	7.470703
HS15_serv_inv	BOBJ1	180	After	Interior Girder 2	180	0.95	1	1	7.470703
HS15_serv_inv	BOBJ1	180	After	Right Exterior Girder	180	0.95	1	1	7.780681
HS15_serv_inv	BOBJ1	183.1858	Before	Left Exterior Girder	183.1858	0.95	1	1	6.914759
HS15_serv_inv	BOBJ1	183.1858	Before	Interior Girder 1	183.1858	0.95	1	1	6.605543
HS15_serv_inv	BOBJ1	183.1858	Before	Interior Girder 2	183.1858	0.95	1	1	6.605543
HS15_serv_inv	BOBJ1	183.1858	Before	Right Exterior Girder	183.1858	0.95	1	1	6.914759
HS15_serv_inv	BOBJ1	183.1858	After	Left Exterior Girder	183.1858	0.95	1	1	14.475571
HS15_serv_inv	BOBJ1	183.1858	After	Interior Girder 1	183.1858	0.95	1	1	13.779114
HS15_serv_inv	BOBJ1	183.1858	After	Interior Girder 2	183.1858	0.95	1	1	13.779114
HS15_serv_inv	BOBJ1	183.1858	After	Right Exterior Girder	183.1858	0.95	1	1	14.475571
HS15_serv_inv	BOBJ1	191.25	Before	Left Exterior Girder	191.25	0.95	1	1	12.025191
HS15_serv_inv	BOBJ1	191.25	Before	Interior Girder 1	191.25	0.95	1	1	11.256446
HS15_serv_inv	BOBJ1	191.25	Before	Interior Girder 2	191.25	0.95	1	1	11.256447
HS15_serv_inv	BOBJ1	191.25	Before	Right Exterior Girder	191.25	0.95	1	1	12.025191
HS15_serv_inv	BOBJ1	191.25	After	Left Exterior Girder	191.25	0.95	1	1	12.05099
HS15_serv_inv	BOBJ1	191.25	After	Interior Girder 1	191.25	0.95	1	1	11.23883
HS15_serv_inv	BOBJ1	191.25	After	Interior Girder 2	191.25	0.95	1	1	11.23883
HS15_serv_inv	BOBJ1	191.25	After	Right Exterior Girder	191.25	0.95	1	1	12.05099
HS15_serv_inv	BOBJ1	199.9414	Before	Left Exterior Girder	199.9414	0.95	1	1	9.334268
HS15_serv_inv	BOBJ1	199.9414	Before	Interior Girder 1	199.9414	0.95	1	1	8.634276
HS15_serv_inv	BOBJ1	199.9414	Before	Interior Girder 2	199.9414	0.95	1	1	8.634277
HS15_serv_inv	BOBJ1	199.9414	Before	Right Exterior Girder	199.9414	0.95	1	1	9.334268
HS15_serv_inv	BOBJ1	199.9414	After	Left Exterior Girder	199.9414	0.95	1	1	15.268984
HS15_serv_inv	BOBJ1	199.9414	After	Interior Girder 1	199.9414	0.95	1	1	14.094578
HS15_serv_inv	BOBJ1	199.9414	After	Interior Girder 2	199.9414	0.95	1	1	14.094578
HS15_serv_inv	BOBJ1	199.9414	After	Right Exterior Girder	199.9414	0.95	1	1	15.268984

TABLE: Bridge Super Rating AASHTORATE18 26 - SteelINonCompServ-Flx - Main Span Girders									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
HS15_serv_inv	BOBJ1	202.5	Before	Left Exterior Girder	202.5	0.95	1	1	14.051376
HS15_serv_inv	BOBJ1	202.5	Before	Interior Girder 1	202.5	0.95	1	1	13.256149
HS15_serv_inv	BOBJ1	202.5	Before	Interior Girder 2	202.5	0.95	1	1	13.256149
HS15_serv_inv	BOBJ1	202.5	Before	Right Exterior Girder	202.5	0.95	1	1	14.051376
HS15_serv_inv	BOBJ1	202.5	After	Left Exterior Girder	202.5	0.95	1	1	14.41512
HS15_serv_inv	BOBJ1	202.5	After	Interior Girder 1	202.5	0.95	1	1	13.275576
HS15_serv_inv	BOBJ1	202.5	After	Interior Girder 2	202.5	0.95	1	1	13.275576
HS15_serv_inv	BOBJ1	202.5	After	Right Exterior Girder	202.5	0.95	1	1	14.41512
HS15_serv_inv	BOBJ1	210.5642	Before	Left Exterior Girder	210.5642	0.95	1	1	10.828499
HS15_serv_inv	BOBJ1	210.5642	Before	Interior Girder 1	210.5642	0.95	1	1	10.376129
HS15_serv_inv	BOBJ1	210.5642	Before	Interior Girder 2	210.5642	0.95	1	1	10.376129
HS15_serv_inv	BOBJ1	210.5642	Before	Right Exterior Girder	210.5642	0.95	1	1	10.828499
HS15_serv_inv	BOBJ1	210.5642	After	Left Exterior Girder	210.5642	0.95	1	1	16.00525
HS15_serv_inv	BOBJ1	210.5642	After	Interior Girder 1	210.5642	0.95	1	1	15.353239
HS15_serv_inv	BOBJ1	210.5642	After	Interior Girder 2	210.5642	0.95	1	1	15.353239
HS15_serv_inv	BOBJ1	210.5642	After	Right Exterior Girder	210.5642	0.95	1	1	16.00525
HS15_serv_inv	BOBJ1	213.75	Before	Left Exterior Girder	213.75	0.95	1	1	14.393962
HS15_serv_inv	BOBJ1	213.75	Before	Interior Girder 1	213.75	0.95	1	1	13.616903
HS15_serv_inv	BOBJ1	213.75	Before	Interior Girder 2	213.75	0.95	1	1	13.616903
HS15_serv_inv	BOBJ1	213.75	Before	Right Exterior Girder	213.75	0.95	1	1	14.393962
HS15_serv_inv	BOBJ1	213.75	After	Left Exterior Girder	213.75	0.95	1	1	14.376552
HS15_serv_inv	BOBJ1	213.75	After	Interior Girder 1	213.75	0.95	1	1	13.593939
HS15_serv_inv	BOBJ1	213.75	After	Interior Girder 2	213.75	0.95	1	1	13.593939
HS15_serv_inv	BOBJ1	213.75	After	Right Exterior Girder	213.75	0.95	1	1	14.376552
HS15_serv_inv	BOBJ1	225	Before	Left Exterior Girder	225	0.95	1	1	9.126225
HS15_serv_inv	BOBJ1	225	Before	Interior Girder 1	225	0.95	1	1	8.282431
HS15_serv_inv	BOBJ1	225	Before	Interior Girder 2	225	0.95	1	1	8.28243
HS15_serv_inv	BOBJ1	225	Before	Right Exterior Girder	225	0.95	1	1	9.126225
HS15_serv_inv	BOBJ1	225	After	Left Exterior Girder	0	0.95	1	1	8.686553
HS15_serv_inv	BOBJ1	225	After	Interior Girder 1	0	0.95	1	1	8.046596
HS15_serv_inv	BOBJ1	225	After	Interior Girder 2	0	0.95	1	1	8.046597
HS15_serv_inv	BOBJ1	225	After	Right Exterior Girder	0	0.95	1	1	8.686553
HS15_serv_inv	BOBJ1	236.45	Before	Left Exterior Girder	11.45	0.95	1	1	14.521781
HS15_serv_inv	BOBJ1	236.45	Before	Interior Girder 1	11.45	0.95	1	1	14.455706
HS15_serv_inv	BOBJ1	236.45	Before	Interior Girder 2	11.45	0.95	1	1	14.455706
HS15_serv_inv	BOBJ1	236.45	Before	Right Exterior Girder	11.45	0.95	1	1	14.521781
HS15_serv_inv	BOBJ1	236.45	After	Left Exterior Girder	11.45	0.95	1	1	14.551551
HS15_serv_inv	BOBJ1	236.45	After	Interior Girder 1	11.45	0.95	1	1	14.463365
HS15_serv_inv	BOBJ1	236.45	After	Interior Girder 2	11.45	0.95	1	1	14.463365
HS15_serv_inv	BOBJ1	236.45	After	Right Exterior Girder	11.45	0.95	1	1	14.551551
HS15_serv_inv	BOBJ1	239.5082	Before	Left Exterior Girder	14.5082	0.95	1	1	16.530715
HS15_serv_inv	BOBJ1	239.5082	Before	Interior Girder 1	14.5082	0.95	1	1	16.536015
HS15_serv_inv	BOBJ1	239.5082	Before	Interior Girder 2	14.5082	0.95	1	1	16.536016
HS15_serv_inv	BOBJ1	239.5082	Before	Right Exterior Girder	14.5082	0.95	1	1	16.530715
HS15_serv_inv	BOBJ1	239.5082	After	Left Exterior Girder	14.5082	0.95	1	1	11.250112
HS15_serv_inv	BOBJ1	239.5082	After	Interior Girder 1	14.5082	0.95	1	1	11.25681
HS15_serv_inv	BOBJ1	239.5082	After	Interior Girder 2	14.5082	0.95	1	1	11.256811
HS15_serv_inv	BOBJ1	239.5082	After	Right Exterior Girder	14.5082	0.95	1	1	11.250112
HS15_serv_inv	BOBJ1	247.9	Before	Left Exterior Girder	22.9	0.95	1	1	16.499673
HS15_serv_inv	BOBJ1	247.9	Before	Interior Girder 1	22.9	0.95	1	1	16.312172
HS15_serv_inv	BOBJ1	247.9	Before	Interior Girder 2	22.9	0.95	1	1	16.312171
HS15_serv_inv	BOBJ1	247.9	Before	Right Exterior Girder	22.9	0.95	1	1	16.499672
HS15_serv_inv	BOBJ1	247.9	After	Left Exterior Girder	22.9	0.95	1	1	16.106999
HS15_serv_inv	BOBJ1	247.9	After	Interior Girder 1	22.9	0.95	1	1	16.329436
HS15_serv_inv	BOBJ1	247.9	After	Interior Girder 2	22.9	0.95	1	1	16.329436
HS15_serv_inv	BOBJ1	247.9	After	Right Exterior Girder	22.9	0.95	1	1	16.106999
HS15_serv_inv	BOBJ1	258.5189	Before	Left Exterior Girder	33.5189	0.95	1	1	22.350644
HS15_serv_inv	BOBJ1	258.5189	Before	Interior Girder 1	33.5189	0.95	1	1	20.86669
HS15_serv_inv	BOBJ1	258.5189	Before	Interior Girder 2	33.5189	0.95	1	1	20.86669
HS15_serv_inv	BOBJ1	258.5189	Before	Right Exterior Girder	33.5189	0.95	1	1	22.350645
HS15_serv_inv	BOBJ1	258.5189	After	Left Exterior Girder	33.5189	0.95	1	1	15.517823
HS15_serv_inv	BOBJ1	258.5189	After	Interior Girder 1	33.5189	0.95	1	1	14.333236
HS15_serv_inv	BOBJ1	258.5189	After	Interior Girder 2	33.5189	0.95	1	1	14.333236
HS15_serv_inv	BOBJ1	258.5189	After	Right Exterior Girder	33.5189	0.95	1	1	15.517824
HS15_serv_inv	BOBJ1	259.3	Before	Left Exterior Girder	34.3	0.95	1	1	15.836546
HS15_serv_inv	BOBJ1	259.3	Before	Interior Girder 1	34.3	0.95	1	1	14.64561
HS15_serv_inv	BOBJ1	259.3	Before	Interior Girder 2	34.3	0.95	1	1	14.64561
HS15_serv_inv	BOBJ1	259.3	Before	Right Exterior Girder	34.3	0.95	1	1	15.836546
HS15_serv_inv	BOBJ1	259.3	After	Left Exterior Girder	34.3	0.95	1	1	15.828984
HS15_serv_inv	BOBJ1	259.3	After	Interior Girder 1	34.3	0.95	1	1	14.65213

TABLE: Bridge Super Rating AASHTORATE18 26 - SteelINonCompServ-Flx - Main Span Girders									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
HS15_serv_inv	BOBJ1	259.3	After	Interior Girder 2	34.3	0.95	1	1	14.65213
HS15_serv_inv	BOBJ1	259.3	After	Right Exterior Girder	34.3	0.95	1	1	15.828984
HS15_serv_inv	BOBJ1	266.1031	Before	Left Exterior Girder	41.1031	0.95	1	1	18.521211
HS15_serv_inv	BOBJ1	266.1031	Before	Interior Girder 1	41.1031	0.95	1	1	17.418342
HS15_serv_inv	BOBJ1	266.1031	Before	Interior Girder 2	41.1031	0.95	1	1	17.418342
HS15_serv_inv	BOBJ1	266.1031	Before	Right Exterior Girder	41.1031	0.95	1	1	18.521212
HS15_serv_inv	BOBJ1	266.1031	After	Left Exterior Girder	41.1031	0.95	1	1	9.93703
HS15_serv_inv	BOBJ1	266.1031	After	Interior Girder 1	41.1031	0.95	1	1	9.352762
HS15_serv_inv	BOBJ1	266.1031	After	Interior Girder 2	41.1031	0.95	1	1	9.352762
HS15_serv_inv	BOBJ1	266.1031	After	Right Exterior Girder	41.1031	0.95	1	1	9.93703
HS15_serv_inv	BOBJ1	270.7	Before	Left Exterior Girder	45.7	0.95	1	1	11.62229
HS15_serv_inv	BOBJ1	270.7	Before	Interior Girder 1	45.7	0.95	1	1	11.053553
HS15_serv_inv	BOBJ1	270.7	Before	Interior Girder 2	45.7	0.95	1	1	11.053553
HS15_serv_inv	BOBJ1	270.7	Before	Right Exterior Girder	45.7	0.95	1	1	11.62229
HS15_serv_inv	BOBJ1	270.7	After	Left Exterior Girder	45.7	0.95	1	1	11.705714
HS15_serv_inv	BOBJ1	270.7	After	Interior Girder 1	45.7	0.95	1	1	11.117763
HS15_serv_inv	BOBJ1	270.7	After	Interior Girder 2	45.7	0.95	1	1	11.117763
HS15_serv_inv	BOBJ1	270.7	After	Right Exterior Girder	45.7	0.95	1	1	11.705714
HS15_serv_inv	BOBJ1	273.6874	Before	Left Exterior Girder	48.6874	0.95	1	1	12.824739
HS15_serv_inv	BOBJ1	273.6874	Before	Interior Girder 1	48.6874	0.95	1	1	12.22839
HS15_serv_inv	BOBJ1	273.6874	Before	Interior Girder 2	48.6874	0.95	1	1	12.22839
HS15_serv_inv	BOBJ1	273.6874	Before	Right Exterior Girder	48.6874	0.95	1	1	12.824739
HS15_serv_inv	BOBJ1	273.6874	After	Left Exterior Girder	48.6874	0.95	1	1	5.520292
HS15_serv_inv	BOBJ1	273.6874	After	Interior Girder 1	48.6874	0.95	1	1	5.301934
HS15_serv_inv	BOBJ1	273.6874	After	Interior Girder 2	48.6874	0.95	1	1	5.301934
HS15_serv_inv	BOBJ1	273.6874	After	Right Exterior Girder	48.6874	0.95	1	1	5.520292
HS15_serv_inv	BOBJ1	282.15	Before	Left Exterior Girder	57.15	0.95	1	1	8.460746
HS15_serv_inv	BOBJ1	282.15	Before	Interior Girder 1	57.15	0.95	1	1	8.20227
HS15_serv_inv	BOBJ1	282.15	Before	Interior Girder 2	57.15	0.95	1	1	8.20227
HS15_serv_inv	BOBJ1	282.15	Before	Right Exterior Girder	57.15	0.95	1	1	8.460746
HS15_serv_inv	BOBJ1	282.15	After	Left Exterior Girder	57.15	0.95	1	1	8.448653
HS15_serv_inv	BOBJ1	282.15	After	Interior Girder 1	57.15	0.95	1	1	8.213904
HS15_serv_inv	BOBJ1	282.15	After	Interior Girder 2	57.15	0.95	1	1	8.213904
HS15_serv_inv	BOBJ1	282.15	After	Right Exterior Girder	57.15	0.95	1	1	8.448653
HS15_serv_inv	BOBJ1	293.6	Before	Left Exterior Girder	68.6	0.95	1	1	6.379164
HS15_serv_inv	BOBJ1	293.6	Before	Interior Girder 1	68.6	0.95	1	1	5.07857
HS15_serv_inv	BOBJ1	293.6	Before	Interior Girder 2	68.6	0.95	1	1	5.07857
HS15_serv_inv	BOBJ1	293.6	Before	Right Exterior Girder	68.6	0.95	1	1	6.379163
HS15_serv_inv	BOBJ1	293.6	After	Left Exterior Girder	68.6	0.95	1	1	6.602834
HS15_serv_inv	BOBJ1	293.6	After	Interior Girder 1	68.6	0.95	1	1	5.174826
HS15_serv_inv	BOBJ1	293.6	After	Interior Girder 2	68.6	0.95	1	1	5.174826
HS15_serv_inv	BOBJ1	293.6	After	Right Exterior Girder	68.6	0.95	1	1	6.602834
HS15_serv_inv	BOBJ1	305	Before	Left Exterior Girder	80	0.95	1	1	3.569131
HS15_serv_inv	BOBJ1	305	Before	Interior Girder 1	80	0.95	1	1	2.871207
HS15_serv_inv	BOBJ1	305	Before	Interior Girder 2	80	0.95	1	1	2.871207
HS15_serv_inv	BOBJ1	305	Before	Right Exterior Girder	80	0.95	1	1	3.569131
HS15_serv_inv	BOBJ1	305	After	Left Exterior Girder	80	0.95	1	1	3.570068
HS15_serv_inv	BOBJ1	305	After	Interior Girder 1	80	0.95	1	1	2.869596
HS15_serv_inv	BOBJ1	305	After	Interior Girder 2	80	0.95	1	1	2.869596
HS15_serv_inv	BOBJ1	305	After	Right Exterior Girder	80	0.95	1	1	3.570068
HS15_serv_inv	BOBJ1	306.9561	Before	Left Exterior Girder	81.9561	0.95	1	1	3.164262
HS15_serv_inv	BOBJ1	306.9561	Before	Interior Girder 1	81.9561	0.95	1	1	2.57252
HS15_serv_inv	BOBJ1	306.9561	Before	Interior Girder 2	81.9561	0.95	1	1	2.57252
HS15_serv_inv	BOBJ1	306.9561	Before	Right Exterior Girder	81.9561	0.95	1	1	3.164262
HS15_serv_inv	BOBJ1	306.9561	After	Left Exterior Girder	81.9561	0.95	1	1	8.276008
HS15_serv_inv	BOBJ1	306.9561	After	Interior Girder 1	81.9561	0.95	1	1	6.814224
HS15_serv_inv	BOBJ1	306.9561	After	Interior Girder 2	81.9561	0.95	1	1	6.814224
HS15_serv_inv	BOBJ1	306.9561	After	Right Exterior Girder	81.9561	0.95	1	1	8.276008
HS15_serv_inv	BOBJ1	316.4	Before	Left Exterior Girder	91.4	0.95	1	1	6.083437
HS15_serv_inv	BOBJ1	316.4	Before	Interior Girder 1	91.4	0.95	1	1	5.198274
HS15_serv_inv	BOBJ1	316.4	Before	Interior Girder 2	91.4	0.95	1	1	5.198274
HS15_serv_inv	BOBJ1	316.4	Before	Right Exterior Girder	91.4	0.95	1	1	6.083438
HS15_serv_inv	BOBJ1	316.4	After	Left Exterior Girder	91.4	0.95	1	1	6.162267
HS15_serv_inv	BOBJ1	316.4	After	Interior Girder 1	91.4	0.95	1	1	5.199056
HS15_serv_inv	BOBJ1	316.4	After	Interior Girder 2	91.4	0.95	1	1	5.199056
HS15_serv_inv	BOBJ1	316.4	After	Right Exterior Girder	91.4	0.95	1	1	6.162267
HS15_serv_inv	BOBJ1	327.85	Before	Left Exterior Girder	102.9679	0.95	1	1	4.411542
HS15_serv_inv	BOBJ1	327.85	Before	Interior Girder 1	102.9679	0.95	1	1	3.753997
HS15_serv_inv	BOBJ1	327.85	Before	Interior Girder 2	102.9679	0.95	1	1	3.753997
HS15_serv_inv	BOBJ1	327.85	Before	Right Exterior Girder	102.9679	0.95	1	1	4.411542

TABLE: Bridge Super Rating AASHTORATE18 26 - SteelINonCompServ-Flx - Main Span Girders									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
HS15_serv_inv	BOBJ1	327.85	After	Left Exterior Girder	102.9679	0.95	1	1	8.521296
HS15_serv_inv	BOBJ1	327.85	After	Interior Girder 1	102.9679	0.95	1	1	7.369635
HS15_serv_inv	BOBJ1	327.85	After	Interior Girder 2	102.9679	0.95	1	1	7.369636
HS15_serv_inv	BOBJ1	327.85	After	Right Exterior Girder	102.9679	0.95	1	1	8.521296
HS15_serv_inv	BOBJ1	339.3	Before	Left Exterior Girder	114.3	0.95	1	1	6.931472
HS15_serv_inv	BOBJ1	339.3	Before	Interior Girder 1	114.3	0.95	1	1	6.150427
HS15_serv_inv	BOBJ1	339.3	Before	Interior Girder 2	114.3	0.95	1	1	6.150427
HS15_serv_inv	BOBJ1	339.3	Before	Right Exterior Girder	114.3	0.95	1	1	6.931472
HS15_serv_inv	BOBJ1	339.3	After	Left Exterior Girder	114.3	0.95	1	1	6.982375
HS15_serv_inv	BOBJ1	339.3	After	Interior Girder 1	114.3	0.95	1	1	6.158487
HS15_serv_inv	BOBJ1	339.3	After	Interior Girder 2	114.3	0.95	1	1	6.158488
HS15_serv_inv	BOBJ1	339.3	After	Right Exterior Girder	114.3	0.95	1	1	6.982375
HS15_serv_inv	BOBJ1	350.7	Before	Left Exterior Girder	125.7	0.95	1	1	5.985691
HS15_serv_inv	BOBJ1	350.7	Before	Interior Girder 1	125.7	0.95	1	1	5.283742
HS15_serv_inv	BOBJ1	350.7	Before	Interior Girder 2	125.7	0.95	1	1	5.283742
HS15_serv_inv	BOBJ1	350.7	Before	Right Exterior Girder	125.7	0.95	1	1	5.985691
HS15_serv_inv	BOBJ1	350.7	After	Left Exterior Girder	125.7	0.95	1	1	5.983995
HS15_serv_inv	BOBJ1	350.7	After	Interior Girder 1	125.7	0.95	1	1	5.28449
HS15_serv_inv	BOBJ1	350.7	After	Interior Girder 2	125.7	0.95	1	1	5.28449
HS15_serv_inv	BOBJ1	350.7	After	Right Exterior Girder	125.7	0.95	1	1	5.983995
HS15_serv_inv	BOBJ1	362.1	Before	Left Exterior Girder	137.1	0.95	1	1	5.302361
HS15_serv_inv	BOBJ1	362.1	Before	Interior Girder 1	137.1	0.95	1	1	4.758936
HS15_serv_inv	BOBJ1	362.1	Before	Interior Girder 2	137.1	0.95	1	1	4.758936
HS15_serv_inv	BOBJ1	362.1	Before	Right Exterior Girder	137.1	0.95	1	1	5.302361
HS15_serv_inv	BOBJ1	362.1	After	Left Exterior Girder	137.1	0.95	1	1	5.328196
HS15_serv_inv	BOBJ1	362.1	After	Interior Girder 1	137.1	0.95	1	1	4.768468
HS15_serv_inv	BOBJ1	362.1	After	Interior Girder 2	137.1	0.95	1	1	4.768468
HS15_serv_inv	BOBJ1	362.1	After	Right Exterior Girder	137.1	0.95	1	1	5.328196
HS15_serv_inv	BOBJ1	373.55	Before	Left Exterior Girder	148.55	0.95	1	1	4.984779
HS15_serv_inv	BOBJ1	373.55	Before	Interior Girder 1	148.55	0.95	1	1	4.438055
HS15_serv_inv	BOBJ1	373.55	Before	Interior Girder 2	148.55	0.95	1	1	4.438055
HS15_serv_inv	BOBJ1	373.55	Before	Right Exterior Girder	148.55	0.95	1	1	4.984779
HS15_serv_inv	BOBJ1	373.55	After	Left Exterior Girder	148.55	0.95	1	1	4.984154
HS15_serv_inv	BOBJ1	373.55	After	Interior Girder 1	148.55	0.95	1	1	4.440143
HS15_serv_inv	BOBJ1	373.55	After	Interior Girder 2	148.55	0.95	1	1	4.440143
HS15_serv_inv	BOBJ1	373.55	After	Right Exterior Girder	148.55	0.95	1	1	4.984154
HS15_serv_inv	BOBJ1	385	Before	Left Exterior Girder	160	0.95	1	1	4.847607
HS15_serv_inv	BOBJ1	385	Before	Interior Girder 1	160	0.95	1	1	4.361702
HS15_serv_inv	BOBJ1	385	Before	Interior Girder 2	160	0.95	1	1	4.361702
HS15_serv_inv	BOBJ1	385	Before	Right Exterior Girder	160	0.95	1	1	4.847607
HS15_serv_inv	BOBJ1	385	After	Left Exterior Girder	160	0.95	1	1	4.847607
HS15_serv_inv	BOBJ1	385	After	Interior Girder 1	160	0.95	1	1	4.361702
HS15_serv_inv	BOBJ1	385	After	Interior Girder 2	160	0.95	1	1	4.361702
HS15_serv_inv	BOBJ1	385	After	Right Exterior Girder	160	0.95	1	1	4.847607
HS15_serv_inv	BOBJ1	396.45	Before	Left Exterior Girder	171.45	0.95	1	1	4.984154
HS15_serv_inv	BOBJ1	396.45	Before	Interior Girder 1	171.45	0.95	1	1	4.440143
HS15_serv_inv	BOBJ1	396.45	Before	Interior Girder 2	171.45	0.95	1	1	4.440143
HS15_serv_inv	BOBJ1	396.45	Before	Right Exterior Girder	171.45	0.95	1	1	4.984154
HS15_serv_inv	BOBJ1	396.45	After	Left Exterior Girder	171.45	0.95	1	1	4.984779
HS15_serv_inv	BOBJ1	396.45	After	Interior Girder 1	171.45	0.95	1	1	4.438055
HS15_serv_inv	BOBJ1	396.45	After	Interior Girder 2	171.45	0.95	1	1	4.438055
HS15_serv_inv	BOBJ1	396.45	After	Right Exterior Girder	171.45	0.95	1	1	4.984779
HS15_serv_inv	BOBJ1	407.9	Before	Left Exterior Girder	182.9	0.95	1	1	5.328196
HS15_serv_inv	BOBJ1	407.9	Before	Interior Girder 1	182.9	0.95	1	1	4.768468
HS15_serv_inv	BOBJ1	407.9	Before	Interior Girder 2	182.9	0.95	1	1	4.768468
HS15_serv_inv	BOBJ1	407.9	Before	Right Exterior Girder	182.9	0.95	1	1	5.328196
HS15_serv_inv	BOBJ1	407.9	After	Left Exterior Girder	182.9	0.95	1	1	5.30236
HS15_serv_inv	BOBJ1	407.9	After	Interior Girder 1	182.9	0.95	1	1	4.758936
HS15_serv_inv	BOBJ1	407.9	After	Interior Girder 2	182.9	0.95	1	1	4.758936
HS15_serv_inv	BOBJ1	407.9	After	Right Exterior Girder	182.9	0.95	1	1	5.30236
HS15_serv_inv	BOBJ1	419.3	Before	Left Exterior Girder	194.3	0.95	1	1	5.983995
HS15_serv_inv	BOBJ1	419.3	Before	Interior Girder 1	194.3	0.95	1	1	5.28449
HS15_serv_inv	BOBJ1	419.3	Before	Interior Girder 2	194.3	0.95	1	1	5.28449
HS15_serv_inv	BOBJ1	419.3	Before	Right Exterior Girder	194.3	0.95	1	1	5.983995
HS15_serv_inv	BOBJ1	419.3	After	Left Exterior Girder	194.3	0.95	1	1	5.985691
HS15_serv_inv	BOBJ1	419.3	After	Interior Girder 1	194.3	0.95	1	1	5.283742
HS15_serv_inv	BOBJ1	419.3	After	Interior Girder 2	194.3	0.95	1	1	5.283742
HS15_serv_inv	BOBJ1	419.3	After	Right Exterior Girder	194.3	0.95	1	1	5.985691
HS15_serv_inv	BOBJ1	430.7	Before	Left Exterior Girder	205.7	0.95	1	1	6.982376
HS15_serv_inv	BOBJ1	430.7	Before	Interior Girder 1	205.7	0.95	1	1	6.158487

TABLE: Bridge Super Rating AASHTORATE18 26 - SteelINonCompServ-Flx - Main Span Girders									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
HS15_serv_inv	BOBJ1	430.7	Before	Interior Girder 2	205.7	0.95	1	1	6.158487
HS15_serv_inv	BOBJ1	430.7	Before	Right Exterior Girder	205.7	0.95	1	1	6.982375
HS15_serv_inv	BOBJ1	430.7	After	Left Exterior Girder	205.7	0.95	1	1	6.931472
HS15_serv_inv	BOBJ1	430.7	After	Interior Girder 1	205.7	0.95	1	1	6.150427
HS15_serv_inv	BOBJ1	430.7	After	Interior Girder 2	205.7	0.95	1	1	6.150427
HS15_serv_inv	BOBJ1	430.7	After	Right Exterior Girder	205.7	0.95	1	1	6.931472
HS15_serv_inv	BOBJ1	442.15	Before	Left Exterior Girder	217.0321	0.95	1	1	8.507075
HS15_serv_inv	BOBJ1	442.15	Before	Interior Girder 1	217.0321	0.95	1	1	7.36932
HS15_serv_inv	BOBJ1	442.15	Before	Interior Girder 2	217.0321	0.95	1	1	7.36932
HS15_serv_inv	BOBJ1	442.15	Before	Right Exterior Girder	217.0321	0.95	1	1	8.507075
HS15_serv_inv	BOBJ1	442.15	After	Left Exterior Girder	217.0321	0.95	1	1	4.405242
HS15_serv_inv	BOBJ1	442.15	After	Interior Girder 1	217.0321	0.95	1	1	3.752822
HS15_serv_inv	BOBJ1	442.15	After	Interior Girder 2	217.0321	0.95	1	1	3.752822
HS15_serv_inv	BOBJ1	442.15	After	Right Exterior Girder	217.0321	0.95	1	1	4.405242
HS15_serv_inv	BOBJ1	453.6	Before	Left Exterior Girder	228.6	0.95	1	1	6.162267
HS15_serv_inv	BOBJ1	453.6	Before	Interior Girder 1	228.6	0.95	1	1	5.199056
HS15_serv_inv	BOBJ1	453.6	Before	Interior Girder 2	228.6	0.95	1	1	5.199056
HS15_serv_inv	BOBJ1	453.6	Before	Right Exterior Girder	228.6	0.95	1	1	6.162267
HS15_serv_inv	BOBJ1	453.6	After	Left Exterior Girder	228.6	0.95	1	1	6.083437
HS15_serv_inv	BOBJ1	453.6	After	Interior Girder 1	228.6	0.95	1	1	5.198274
HS15_serv_inv	BOBJ1	453.6	After	Interior Girder 2	228.6	0.95	1	1	5.198274
HS15_serv_inv	BOBJ1	453.6	After	Right Exterior Girder	228.6	0.95	1	1	6.083437
HS15_serv_inv	BOBJ1	463.0439	Before	Left Exterior Girder	238.0439	0.95	1	1	8.251411
HS15_serv_inv	BOBJ1	463.0439	Before	Interior Girder 1	238.0439	0.95	1	1	6.814291
HS15_serv_inv	BOBJ1	463.0439	Before	Interior Girder 2	238.0439	0.95	1	1	6.814291
HS15_serv_inv	BOBJ1	463.0439	Before	Right Exterior Girder	238.0439	0.95	1	1	8.251411
HS15_serv_inv	BOBJ1	463.0439	After	Left Exterior Girder	238.0439	0.95	1	1	3.155857
HS15_serv_inv	BOBJ1	463.0439	After	Interior Girder 1	238.0439	0.95	1	1	2.571426
HS15_serv_inv	BOBJ1	463.0439	After	Interior Girder 2	238.0439	0.95	1	1	2.571426
HS15_serv_inv	BOBJ1	463.0439	After	Right Exterior Girder	238.0439	0.95	1	1	3.155857
HS15_serv_inv	BOBJ1	465	Before	Left Exterior Girder	240	0.95	1	1	3.570068
HS15_serv_inv	BOBJ1	465	Before	Interior Girder 1	240	0.95	1	1	2.869596
HS15_serv_inv	BOBJ1	465	Before	Interior Girder 2	240	0.95	1	1	2.869596
HS15_serv_inv	BOBJ1	465	Before	Right Exterior Girder	240	0.95	1	1	3.570068
HS15_serv_inv	BOBJ1	465	After	Left Exterior Girder	240	0.95	1	1	3.569131
HS15_serv_inv	BOBJ1	465	After	Interior Girder 1	240	0.95	1	1	2.871207
HS15_serv_inv	BOBJ1	465	After	Interior Girder 2	240	0.95	1	1	2.871207
HS15_serv_inv	BOBJ1	465	After	Right Exterior Girder	240	0.95	1	1	3.56913
HS15_serv_inv	BOBJ1	476.4	Before	Left Exterior Girder	251.4	0.95	1	1	6.602834
HS15_serv_inv	BOBJ1	476.4	Before	Interior Girder 1	251.4	0.95	1	1	5.174826
HS15_serv_inv	BOBJ1	476.4	Before	Interior Girder 2	251.4	0.95	1	1	5.174826
HS15_serv_inv	BOBJ1	476.4	Before	Right Exterior Girder	251.4	0.95	1	1	6.602834
HS15_serv_inv	BOBJ1	476.4	After	Left Exterior Girder	251.4	0.95	1	1	6.379163
HS15_serv_inv	BOBJ1	476.4	After	Interior Girder 1	251.4	0.95	1	1	5.07857
HS15_serv_inv	BOBJ1	476.4	After	Interior Girder 2	251.4	0.95	1	1	5.078571
HS15_serv_inv	BOBJ1	476.4	After	Right Exterior Girder	251.4	0.95	1	1	6.379163
HS15_serv_inv	BOBJ1	487.85	Before	Left Exterior Girder	262.85	0.95	1	1	8.448652
HS15_serv_inv	BOBJ1	487.85	Before	Interior Girder 1	262.85	0.95	1	1	8.213905
HS15_serv_inv	BOBJ1	487.85	Before	Interior Girder 2	262.85	0.95	1	1	8.213905
HS15_serv_inv	BOBJ1	487.85	Before	Right Exterior Girder	262.85	0.95	1	1	8.448652
HS15_serv_inv	BOBJ1	487.85	After	Left Exterior Girder	262.85	0.95	1	1	8.460746
HS15_serv_inv	BOBJ1	487.85	After	Interior Girder 1	262.85	0.95	1	1	8.20227
HS15_serv_inv	BOBJ1	487.85	After	Interior Girder 2	262.85	0.95	1	1	8.20227
HS15_serv_inv	BOBJ1	487.85	After	Right Exterior Girder	262.85	0.95	1	1	8.460746
HS15_serv_inv	BOBJ1	496.3126	Before	Left Exterior Girder	271.3126	0.95	1	1	5.521784
HS15_serv_inv	BOBJ1	496.3126	Before	Interior Girder 1	271.3126	0.95	1	1	5.307014
HS15_serv_inv	BOBJ1	496.3126	Before	Interior Girder 2	271.3126	0.95	1	1	5.307014
HS15_serv_inv	BOBJ1	496.3126	Before	Right Exterior Girder	271.3126	0.95	1	1	5.521784
HS15_serv_inv	BOBJ1	496.3126	After	Left Exterior Girder	271.3126	0.95	1	1	12.829419
HS15_serv_inv	BOBJ1	496.3126	After	Interior Girder 1	271.3126	0.95	1	1	12.238701
HS15_serv_inv	BOBJ1	496.3126	After	Interior Girder 2	271.3126	0.95	1	1	12.238701
HS15_serv_inv	BOBJ1	496.3126	After	Right Exterior Girder	271.3126	0.95	1	1	12.829419
HS15_serv_inv	BOBJ1	499.3	Before	Left Exterior Girder	274.3	0.95	1	1	11.705714
HS15_serv_inv	BOBJ1	499.3	Before	Interior Girder 1	274.3	0.95	1	1	11.117763
HS15_serv_inv	BOBJ1	499.3	Before	Interior Girder 2	274.3	0.95	1	1	11.117763
HS15_serv_inv	BOBJ1	499.3	Before	Right Exterior Girder	274.3	0.95	1	1	11.705714
HS15_serv_inv	BOBJ1	499.3	After	Left Exterior Girder	274.3	0.95	1	1	11.622289
HS15_serv_inv	BOBJ1	499.3	After	Interior Girder 1	274.3	0.95	1	1	11.053553
HS15_serv_inv	BOBJ1	499.3	After	Interior Girder 2	274.3	0.95	1	1	11.053553
HS15_serv_inv	BOBJ1	499.3	After	Right Exterior Girder	274.3	0.95	1	1	11.622289

TABLE: Bridge Super Rating AASHTORATE18 26 - SteelINonCompServ-Flx - Main Span Girders									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
HS15_serv_inv	BOBJ1	503.8969	Before	Left Exterior Girder	278.8969	0.95	1	1	9.93703
HS15_serv_inv	BOBJ1	503.8969	Before	Interior Girder 1	278.8969	0.95	1	1	9.352762
HS15_serv_inv	BOBJ1	503.8969	Before	Interior Girder 2	278.8969	0.95	1	1	9.352762
HS15_serv_inv	BOBJ1	503.8969	Before	Right Exterior Girder	278.8969	0.95	1	1	9.93703
HS15_serv_inv	BOBJ1	503.8969	After	Left Exterior Girder	278.8969	0.95	1	1	18.521211
HS15_serv_inv	BOBJ1	503.8969	After	Interior Girder 1	278.8969	0.95	1	1	17.418342
HS15_serv_inv	BOBJ1	503.8969	After	Interior Girder 2	278.8969	0.95	1	1	17.418341
HS15_serv_inv	BOBJ1	503.8969	After	Right Exterior Girder	278.8969	0.95	1	1	18.521211
HS15_serv_inv	BOBJ1	510.7	Before	Left Exterior Girder	285.7	0.95	1	1	15.828984
HS15_serv_inv	BOBJ1	510.7	Before	Interior Girder 1	285.7	0.95	1	1	14.65213
HS15_serv_inv	BOBJ1	510.7	Before	Interior Girder 2	285.7	0.95	1	1	14.652129
HS15_serv_inv	BOBJ1	510.7	Before	Right Exterior Girder	285.7	0.95	1	1	15.828984
HS15_serv_inv	BOBJ1	510.7	After	Left Exterior Girder	285.7	0.95	1	1	15.836546
HS15_serv_inv	BOBJ1	510.7	After	Interior Girder 1	285.7	0.95	1	1	14.64561
HS15_serv_inv	BOBJ1	510.7	After	Interior Girder 2	285.7	0.95	1	1	14.645609
HS15_serv_inv	BOBJ1	510.7	After	Right Exterior Girder	285.7	0.95	1	1	15.836546
HS15_serv_inv	BOBJ1	511.4811	Before	Left Exterior Girder	286.4811	0.95	1	1	15.520985
HS15_serv_inv	BOBJ1	511.4811	Before	Interior Girder 1	286.4811	0.95	1	1	14.34059
HS15_serv_inv	BOBJ1	511.4811	Before	Interior Girder 2	286.4811	0.95	1	1	14.34059
HS15_serv_inv	BOBJ1	511.4811	Before	Right Exterior Girder	286.4811	0.95	1	1	15.520985
HS15_serv_inv	BOBJ1	511.4811	After	Left Exterior Girder	286.4811	0.95	1	1	22.411056
HS15_serv_inv	BOBJ1	511.4811	After	Interior Girder 1	286.4811	0.95	1	1	20.875981
HS15_serv_inv	BOBJ1	511.4811	After	Interior Girder 2	286.4811	0.95	1	1	20.87598
HS15_serv_inv	BOBJ1	511.4811	After	Right Exterior Girder	286.4811	0.95	1	1	22.411056
HS15_serv_inv	BOBJ1	522.1	Before	Left Exterior Girder	297.1	0.95	1	1	16.107
HS15_serv_inv	BOBJ1	522.1	Before	Interior Girder 1	297.1	0.95	1	1	16.329436
HS15_serv_inv	BOBJ1	522.1	Before	Interior Girder 2	297.1	0.95	1	1	16.329435
HS15_serv_inv	BOBJ1	522.1	Before	Right Exterior Girder	297.1	0.95	1	1	16.106999
HS15_serv_inv	BOBJ1	522.1	After	Left Exterior Girder	297.1	0.95	1	1	16.499673
HS15_serv_inv	BOBJ1	522.1	After	Interior Girder 1	297.1	0.95	1	1	16.312171
HS15_serv_inv	BOBJ1	522.1	After	Interior Girder 2	297.1	0.95	1	1	16.312171
HS15_serv_inv	BOBJ1	522.1	After	Right Exterior Girder	297.1	0.95	1	1	16.499673
HS15_serv_inv	BOBJ1	530.4918	Before	Left Exterior Girder	305.4918	0.95	1	1	11.250113
HS15_serv_inv	BOBJ1	530.4918	Before	Interior Girder 1	305.4918	0.95	1	1	11.25681
HS15_serv_inv	BOBJ1	530.4918	Before	Interior Girder 2	305.4918	0.95	1	1	11.256811
HS15_serv_inv	BOBJ1	530.4918	Before	Right Exterior Girder	305.4918	0.95	1	1	11.250112
HS15_serv_inv	BOBJ1	530.4918	After	Left Exterior Girder	305.4918	0.95	1	1	16.530716
HS15_serv_inv	BOBJ1	530.4918	After	Interior Girder 1	305.4918	0.95	1	1	16.536014
HS15_serv_inv	BOBJ1	530.4918	After	Interior Girder 2	305.4918	0.95	1	1	16.536016
HS15_serv_inv	BOBJ1	530.4918	After	Right Exterior Girder	305.4918	0.95	1	1	16.530716
HS15_serv_inv	BOBJ1	533.55	Before	Left Exterior Girder	308.55	0.95	1	1	14.551552
HS15_serv_inv	BOBJ1	533.55	Before	Interior Girder 1	308.55	0.95	1	1	14.463364
HS15_serv_inv	BOBJ1	533.55	Before	Interior Girder 2	308.55	0.95	1	1	14.463365
HS15_serv_inv	BOBJ1	533.55	Before	Right Exterior Girder	308.55	0.95	1	1	14.551552
HS15_serv_inv	BOBJ1	533.55	After	Left Exterior Girder	308.55	0.95	1	1	14.521782
HS15_serv_inv	BOBJ1	533.55	After	Interior Girder 1	308.55	0.95	1	1	14.455705
HS15_serv_inv	BOBJ1	533.55	After	Interior Girder 2	308.55	0.95	1	1	14.455707
HS15_serv_inv	BOBJ1	533.55	After	Right Exterior Girder	308.55	0.95	1	1	14.521781
HS15_serv_inv	BOBJ1	545	Before	Left Exterior Girder	320	0.95	1	1	8.686554
HS15_serv_inv	BOBJ1	545	Before	Interior Girder 1	320	0.95	1	1	8.046596
HS15_serv_inv	BOBJ1	545	Before	Interior Girder 2	320	0.95	1	1	8.046597
HS15_serv_inv	BOBJ1	545	Before	Right Exterior Girder	320	0.95	1	1	8.686553
HS15_serv_inv	BOBJ1	545	After	Left Exterior Girder	0	0.95	1	1	9.126225
HS15_serv_inv	BOBJ1	545	After	Interior Girder 1	0	0.95	1	1	8.284833
HS15_serv_inv	BOBJ1	545	After	Interior Girder 2	0	0.95	1	1	8.284833
HS15_serv_inv	BOBJ1	545	After	Right Exterior Girder	0	0.95	1	1	9.126225
HS15_serv_inv	BOBJ1	556.25	Before	Left Exterior Girder	11.25	0.95	1	1	14.376552
HS15_serv_inv	BOBJ1	556.25	Before	Interior Girder 1	11.25	0.95	1	1	13.593939
HS15_serv_inv	BOBJ1	556.25	Before	Interior Girder 2	11.25	0.95	1	1	13.593939
HS15_serv_inv	BOBJ1	556.25	Before	Right Exterior Girder	11.25	0.95	1	1	14.376552
HS15_serv_inv	BOBJ1	556.25	After	Left Exterior Girder	11.25	0.95	1	1	14.393962
HS15_serv_inv	BOBJ1	556.25	After	Interior Girder 1	11.25	0.95	1	1	13.616903
HS15_serv_inv	BOBJ1	556.25	After	Interior Girder 2	11.25	0.95	1	1	13.616903
HS15_serv_inv	BOBJ1	556.25	After	Right Exterior Girder	11.25	0.95	1	1	14.393962
HS15_serv_inv	BOBJ1	559.4358	Before	Left Exterior Girder	14.4358	0.95	1	1	16.00525
HS15_serv_inv	BOBJ1	559.4358	Before	Interior Girder 1	14.4358	0.95	1	1	15.35324
HS15_serv_inv	BOBJ1	559.4358	Before	Interior Girder 2	14.4358	0.95	1	1	15.35324
HS15_serv_inv	BOBJ1	559.4358	Before	Right Exterior Girder	14.4358	0.95	1	1	16.00525
HS15_serv_inv	BOBJ1	559.4358	After	Left Exterior Girder	14.4358	0.95	1	1	10.828499
HS15_serv_inv	BOBJ1	559.4358	After	Interior Girder 1	14.4358	0.95	1	1	10.376129

TABLE: Bridge Super Rating AASHTORATE18 26 - SteelINonCompServ-Flx - Main Span Girders									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
HS15_serv_inv	BOBJ1	559.4358	After	Interior Girder 2	14.4358	0.95	1	1	10.376129
HS15_serv_inv	BOBJ1	559.4358	After	Right Exterior Girder	14.4358	0.95	1	1	10.828499
HS15_serv_inv	BOBJ1	567.5	Before	Left Exterior Girder	22.5	0.95	1	1	14.415121
HS15_serv_inv	BOBJ1	567.5	Before	Interior Girder 1	22.5	0.95	1	1	13.275577
HS15_serv_inv	BOBJ1	567.5	Before	Interior Girder 2	22.5	0.95	1	1	13.275577
HS15_serv_inv	BOBJ1	567.5	Before	Right Exterior Girder	22.5	0.95	1	1	14.41512
HS15_serv_inv	BOBJ1	567.5	After	Left Exterior Girder	22.5	0.95	1	1	14.051377
HS15_serv_inv	BOBJ1	567.5	After	Interior Girder 1	22.5	0.95	1	1	13.25615
HS15_serv_inv	BOBJ1	567.5	After	Interior Girder 2	22.5	0.95	1	1	13.256149
HS15_serv_inv	BOBJ1	567.5	After	Right Exterior Girder	22.5	0.95	1	1	14.051376
HS15_serv_inv	BOBJ1	570.0586	Before	Left Exterior Girder	25.0586	0.95	1	1	15.280052
HS15_serv_inv	BOBJ1	570.0586	Before	Interior Girder 1	25.0586	0.95	1	1	14.087718
HS15_serv_inv	BOBJ1	570.0586	Before	Interior Girder 2	25.0586	0.95	1	1	14.087718
HS15_serv_inv	BOBJ1	570.0586	Before	Right Exterior Girder	25.0586	0.95	1	1	15.280052
HS15_serv_inv	BOBJ1	570.0586	After	Left Exterior Girder	25.0586	0.95	1	1	9.34174
HS15_serv_inv	BOBJ1	570.0586	After	Interior Girder 1	25.0586	0.95	1	1	8.628437
HS15_serv_inv	BOBJ1	570.0586	After	Interior Girder 2	25.0586	0.95	1	1	8.628437
HS15_serv_inv	BOBJ1	570.0586	After	Right Exterior Girder	25.0586	0.95	1	1	9.34174
HS15_serv_inv	BOBJ1	578.75	Before	Left Exterior Girder	33.75	0.95	1	1	12.05099
HS15_serv_inv	BOBJ1	578.75	Before	Interior Girder 1	33.75	0.95	1	1	11.23883
HS15_serv_inv	BOBJ1	578.75	Before	Interior Girder 2	33.75	0.95	1	1	11.23883
HS15_serv_inv	BOBJ1	578.75	Before	Right Exterior Girder	33.75	0.95	1	1	12.05099
HS15_serv_inv	BOBJ1	578.75	After	Left Exterior Girder	33.75	0.95	1	1	12.025191
HS15_serv_inv	BOBJ1	578.75	After	Interior Girder 1	33.75	0.95	1	1	11.256447
HS15_serv_inv	BOBJ1	578.75	After	Interior Girder 2	33.75	0.95	1	1	11.256447
HS15_serv_inv	BOBJ1	578.75	After	Right Exterior Girder	33.75	0.95	1	1	12.025191
HS15_serv_inv	BOBJ1	586.8142	Before	Left Exterior Girder	41.8142	0.95	1	1	14.484867
HS15_serv_inv	BOBJ1	586.8142	Before	Interior Girder 1	41.8142	0.95	1	1	13.770858
HS15_serv_inv	BOBJ1	586.8142	Before	Interior Girder 2	41.8142	0.95	1	1	13.770858
HS15_serv_inv	BOBJ1	586.8142	Before	Right Exterior Girder	41.8142	0.95	1	1	14.484867
HS15_serv_inv	BOBJ1	586.8142	After	Left Exterior Girder	41.8142	0.95	1	1	6.920842
HS15_serv_inv	BOBJ1	586.8142	After	Interior Girder 1	41.8142	0.95	1	1	6.599544
HS15_serv_inv	BOBJ1	586.8142	After	Interior Girder 2	41.8142	0.95	1	1	6.599544
HS15_serv_inv	BOBJ1	586.8142	After	Right Exterior Girder	41.8142	0.95	1	1	6.920842
HS15_serv_inv	BOBJ1	590	Before	Left Exterior Girder	45	0.95	1	1	7.780681
HS15_serv_inv	BOBJ1	590	Before	Interior Girder 1	45	0.95	1	1	7.470704
HS15_serv_inv	BOBJ1	590	Before	Interior Girder 2	45	0.95	1	1	7.470704
HS15_serv_inv	BOBJ1	590	Before	Right Exterior Girder	45	0.95	1	1	7.780681
HS15_serv_inv	BOBJ1	590	After	Left Exterior Girder	45	0.95	1	1	7.81749
HS15_serv_inv	BOBJ1	590	After	Interior Girder 1	45	0.95	1	1	7.494714
HS15_serv_inv	BOBJ1	590	After	Interior Girder 2	45	0.95	1	1	7.494714
HS15_serv_inv	BOBJ1	590	After	Right Exterior Girder	45	0.95	1	1	7.81749
HS15_serv_inv	BOBJ1	601.25	Before	Left Exterior Girder	56.25	0.95	1	1	10.931203
HS15_serv_inv	BOBJ1	601.25	Before	Interior Girder 1	56.25	0.95	1	1	10.629829
HS15_serv_inv	BOBJ1	601.25	Before	Interior Girder 2	56.25	0.95	1	1	10.629828
HS15_serv_inv	BOBJ1	601.25	Before	Right Exterior Girder	56.25	0.95	1	1	10.931203
HS15_serv_inv	BOBJ1	601.25	After	Left Exterior Girder	56.25	0.95	1	1	10.916439
HS15_serv_inv	BOBJ1	601.25	After	Interior Girder 1	56.25	0.95	1	1	10.642842
HS15_serv_inv	BOBJ1	601.25	After	Interior Girder 2	56.25	0.95	1	1	10.642842
HS15_serv_inv	BOBJ1	601.25	After	Right Exterior Girder	56.25	0.95	1	1	10.916438
HS15_serv_inv	BOBJ1	601.7478	Before	Left Exterior Girder	56.7478	0.95	1	1	11.05642
HS15_serv_inv	BOBJ1	601.7478	Before	Interior Girder 1	56.7478	0.95	1	1	10.787993
HS15_serv_inv	BOBJ1	601.7478	Before	Interior Girder 2	56.7478	0.95	1	1	10.787993
HS15_serv_inv	BOBJ1	601.7478	Before	Right Exterior Girder	56.7478	0.95	1	1	11.05642
HS15_serv_inv	BOBJ1	601.7478	After	Left Exterior Girder	56.7478	0.95	1	1	4.396302
HS15_serv_inv	BOBJ1	601.7478	After	Interior Girder 1	56.7478	0.95	1	1	4.324529
HS15_serv_inv	BOBJ1	601.7478	After	Interior Girder 2	56.7478	0.95	1	1	4.324529
HS15_serv_inv	BOBJ1	601.7478	After	Right Exterior Girder	56.7478	0.95	1	1	4.396302
HS15_serv_inv	BOBJ1	612.5	Before	Left Exterior Girder	67.5	0.95	1	1	7.074487
HS15_serv_inv	BOBJ1	612.5	Before	Interior Girder 1	67.5	0.95	1	1	7.020675
HS15_serv_inv	BOBJ1	612.5	Before	Interior Girder 2	67.5	0.95	1	1	7.020675
HS15_serv_inv	BOBJ1	612.5	Before	Right Exterior Girder	67.5	0.95	1	1	7.074487
HS15_serv_inv	BOBJ1	612.5	After	Left Exterior Girder	67.5	0.95	1	1	7.012921
HS15_serv_inv	BOBJ1	612.5	After	Interior Girder 1	67.5	0.95	1	1	6.983427
HS15_serv_inv	BOBJ1	612.5	After	Interior Girder 2	67.5	0.95	1	1	6.983427
HS15_serv_inv	BOBJ1	612.5	After	Right Exterior Girder	67.5	0.95	1	1	7.012921
HS15_serv_inv	BOBJ1	623.75	Before	Left Exterior Girder	78.75	0.95	1	1	6.50653
HS15_serv_inv	BOBJ1	623.75	Before	Interior Girder 1	78.75	0.95	1	1	5.432825
HS15_serv_inv	BOBJ1	623.75	Before	Interior Girder 2	78.75	0.95	1	1	5.432825
HS15_serv_inv	BOBJ1	623.75	Before	Right Exterior Girder	78.75	0.95	1	1	6.50653

TABLE: Bridge Super Rating AASHTORATE18 26 - SteelNonCompServ-Flx - Main Span Girders									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
HS15_serv_inv	BOBJ1	623.75	After	Left Exterior Girder	78.75	0.95	1	1	6.512261
HS15_serv_inv	BOBJ1	623.75	After	Interior Girder 1	78.75	0.95	1	1	5.429079
HS15_serv_inv	BOBJ1	623.75	After	Interior Girder 2	78.75	0.95	1	1	5.429079
HS15_serv_inv	BOBJ1	623.75	After	Right Exterior Girder	78.75	0.95	1	1	6.512261
HS15_serv_inv	BOBJ1	635	Before	Left Exterior Girder	90	0.95	1	1	4.539262
HS15_serv_inv	BOBJ1	635	Before	Interior Girder 1	90	0.95	1	1	3.970174
HS15_serv_inv	BOBJ1	635	Before	Interior Girder 2	90	0.95	1	1	3.970174
HS15_serv_inv	BOBJ1	635	Before	Right Exterior Girder	90	0.95	1	1	4.539262
HS15_serv_inv	BOBJ1	635	After	Left Exterior Girder	90	0.95	1	1	4.621485
HS15_serv_inv	BOBJ1	635	After	Interior Girder 1	90	0.95	1	1	3.991273
HS15_serv_inv	BOBJ1	635	After	Interior Girder 2	90	0.95	1	1	3.991273
HS15_serv_inv	BOBJ1	635	After	Right Exterior Girder	90	0.95	1	1	4.621486
HS15_serv_inv	BOBJ1	643.5619	Before	Left Exterior Girder	98.5619	0.95	1	1	3.609854
HS15_serv_inv	BOBJ1	643.5619	Before	Interior Girder 1	98.5619	0.95	1	1	3.15123
HS15_serv_inv	BOBJ1	643.5619	Before	Interior Girder 2	98.5619	0.95	1	1	3.15123
HS15_serv_inv	BOBJ1	643.5619	Before	Right Exterior Girder	98.5619	0.95	1	1	3.609854
HS15_serv_inv	BOBJ1	643.5619	After	Left Exterior Girder	98.5619	0.95	1	1	6.831527
HS15_serv_inv	BOBJ1	643.5619	After	Interior Girder 1	98.5619	0.95	1	1	5.957172
HS15_serv_inv	BOBJ1	643.5619	After	Interior Girder 2	98.5619	0.95	1	1	5.957172
HS15_serv_inv	BOBJ1	643.5619	After	Right Exterior Girder	98.5619	0.95	1	1	6.831527
HS15_serv_inv	BOBJ1	646.25	Before	Left Exterior Girder	101.25	0.95	1	1	6.494403
HS15_serv_inv	BOBJ1	646.25	Before	Interior Girder 1	101.25	0.95	1	1	5.687921
HS15_serv_inv	BOBJ1	646.25	Before	Interior Girder 2	101.25	0.95	1	1	5.687921
HS15_serv_inv	BOBJ1	646.25	Before	Right Exterior Girder	101.25	0.95	1	1	6.494403
HS15_serv_inv	BOBJ1	646.25	After	Left Exterior Girder	101.25	0.95	1	1	6.491346
HS15_serv_inv	BOBJ1	646.25	After	Interior Girder 1	101.25	0.95	1	1	5.690748
HS15_serv_inv	BOBJ1	646.25	After	Interior Girder 2	101.25	0.95	1	1	5.690747
HS15_serv_inv	BOBJ1	646.25	After	Right Exterior Girder	101.25	0.95	1	1	6.491346
HS15_serv_inv	BOBJ1	657.5	Before	Left Exterior Girder	112.5	0.95	1	1	5.385193
HS15_serv_inv	BOBJ1	657.5	Before	Interior Girder 1	112.5	0.95	1	1	4.848907
HS15_serv_inv	BOBJ1	657.5	Before	Interior Girder 2	112.5	0.95	1	1	4.848906
HS15_serv_inv	BOBJ1	657.5	Before	Right Exterior Girder	112.5	0.95	1	1	5.385193
HS15_serv_inv	BOBJ1	657.5	After	Left Exterior Girder	112.5	0.95	1	1	5.420544
HS15_serv_inv	BOBJ1	657.5	After	Interior Girder 1	112.5	0.95	1	1	4.856139
HS15_serv_inv	BOBJ1	657.5	After	Interior Girder 2	112.5	0.95	1	1	4.856139
HS15_serv_inv	BOBJ1	657.5	After	Right Exterior Girder	112.5	0.95	1	1	5.420544
HS15_serv_inv	BOBJ1	668.75	Before	Left Exterior Girder	123.75	0.95	1	1	4.771865
HS15_serv_inv	BOBJ1	668.75	Before	Interior Girder 1	123.75	0.95	1	1	4.273567
HS15_serv_inv	BOBJ1	668.75	Before	Interior Girder 2	123.75	0.95	1	1	4.273567
HS15_serv_inv	BOBJ1	668.75	Before	Right Exterior Girder	123.75	0.95	1	1	4.771864
HS15_serv_inv	BOBJ1	668.75	After	Left Exterior Girder	123.75	0.95	1	1	4.77796
HS15_serv_inv	BOBJ1	668.75	After	Interior Girder 1	123.75	0.95	1	1	4.280003
HS15_serv_inv	BOBJ1	668.75	After	Interior Girder 2	123.75	0.95	1	1	4.280003
HS15_serv_inv	BOBJ1	668.75	After	Right Exterior Girder	123.75	0.95	1	1	4.77796
HS15_serv_inv	BOBJ1	680	Before	Left Exterior Girder	135	0.95	1	1	4.383206
HS15_serv_inv	BOBJ1	680	Before	Interior Girder 1	135	0.95	1	1	3.987123
HS15_serv_inv	BOBJ1	680	Before	Interior Girder 2	135	0.95	1	1	3.987123
HS15_serv_inv	BOBJ1	680	Before	Right Exterior Girder	135	0.95	1	1	4.383206
HS15_serv_inv	BOBJ1	680	After	Left Exterior Girder	135	0.95	1	1	4.380329
HS15_serv_inv	BOBJ1	680	After	Interior Girder 1	135	0.95	1	1	3.985344
HS15_serv_inv	BOBJ1	680	After	Interior Girder 2	135	0.95	1	1	3.985344
HS15_serv_inv	BOBJ1	680	After	Right Exterior Girder	135	0.95	1	1	4.380329
HS15_serv_inv	BOBJ1	691.25	Before	Left Exterior Girder	146.25	0.95	1	1	4.298537
HS15_serv_inv	BOBJ1	691.25	Before	Interior Girder 1	146.25	0.95	1	1	3.843537
HS15_serv_inv	BOBJ1	691.25	Before	Interior Girder 2	146.25	0.95	1	1	3.843537
HS15_serv_inv	BOBJ1	691.25	Before	Right Exterior Girder	146.25	0.95	1	1	4.298537
HS15_serv_inv	BOBJ1	691.25	After	Left Exterior Girder	146.25	0.95	1	1	4.301699
HS15_serv_inv	BOBJ1	691.25	After	Interior Girder 1	146.25	0.95	1	1	3.840094
HS15_serv_inv	BOBJ1	691.25	After	Interior Girder 2	146.25	0.95	1	1	3.840094
HS15_serv_inv	BOBJ1	691.25	After	Right Exterior Girder	146.25	0.95	1	1	4.301698
HS15_serv_inv	BOBJ1	702.5	Before	Left Exterior Girder	157.5	0.95	1	1	4.471944
HS15_serv_inv	BOBJ1	702.5	Before	Interior Girder 1	157.5	0.95	1	1	3.976908
HS15_serv_inv	BOBJ1	702.5	Before	Interior Girder 2	157.5	0.95	1	1	3.976909
HS15_serv_inv	BOBJ1	702.5	Before	Right Exterior Girder	157.5	0.95	1	1	4.471944
HS15_serv_inv	BOBJ1	702.5	After	Left Exterior Girder	157.5	0.95	1	1	4.431201
HS15_serv_inv	BOBJ1	702.5	After	Interior Girder 1	157.5	0.95	1	1	3.992374
HS15_serv_inv	BOBJ1	702.5	After	Interior Girder 2	157.5	0.95	1	1	3.992374
HS15_serv_inv	BOBJ1	702.5	After	Right Exterior Girder	157.5	0.95	1	1	4.4312
HS15_serv_inv	BOBJ1	713.75	Before	Left Exterior Girder	168.75	0.95	1	1	5.006339
HS15_serv_inv	BOBJ1	713.75	Before	Interior Girder 1	168.75	0.95	1	1	4.325482

TABLE: Bridge Super Rating AASHTORATE18 26 - SteelNonCompServ-Flx - Main Span Girders									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
HS15_serv_inv	BOBJ1	713.75	Before	Interior Girder 2	168.75	0.95	1	1	4.325482
HS15_serv_inv	BOBJ1	713.75	Before	Right Exterior Girder	168.75	0.95	1	1	5.006338
HS15_serv_inv	BOBJ1	713.75	After	Left Exterior Girder	168.75	0.95	1	1	5.006589
HS15_serv_inv	BOBJ1	713.75	After	Interior Girder 1	168.75	0.95	1	1	4.325615
HS15_serv_inv	BOBJ1	713.75	After	Interior Girder 2	168.75	0.95	1	1	4.325615
HS15_serv_inv	BOBJ1	713.75	After	Right Exterior Girder	168.75	0.95	1	1	5.006588
HS15_serv_inv	BOBJ1	725	Before	Left Exterior Girder	180	0.95	1	1	6.080085
HS15_serv_inv	BOBJ1	725	Before	Interior Girder 1	180	0.95	1	1	5.113991
HS15_serv_inv	BOBJ1	725	Before	Interior Girder 2	180	0.95	1	1	5.113991
HS15_serv_inv	BOBJ1	725	Before	Right Exterior Girder	180	0.95	1	1	6.080084
HS15_serv_inv	BOBJ1	725	After	Left Exterior Girder	180	0.95	1	1	6.002226
HS15_serv_inv	BOBJ1	725	After	Interior Girder 1	180	0.95	1	1	5.161686
HS15_serv_inv	BOBJ1	725	After	Interior Girder 2	180	0.95	1	1	5.161686
HS15_serv_inv	BOBJ1	725	After	Right Exterior Girder	180	0.95	1	1	6.002227
HS15_serv_inv	BOBJ1	731.1726	Before	Left Exterior Girder	186.1726	0.95	1	1	7.003512
HS15_serv_inv	BOBJ1	731.1726	Before	Interior Girder 1	186.1726	0.95	1	1	5.774894
HS15_serv_inv	BOBJ1	731.1726	Before	Interior Girder 2	186.1726	0.95	1	1	5.774894
HS15_serv_inv	BOBJ1	731.1726	Before	Right Exterior Girder	186.1726	0.95	1	1	7.003512
HS15_serv_inv	BOBJ1	731.1726	After	Left Exterior Girder	186.1726	0.95	1	1	3.008121
HS15_serv_inv	BOBJ1	731.1726	After	Interior Girder 1	186.1726	0.95	1	1	2.46789
HS15_serv_inv	BOBJ1	731.1726	After	Interior Girder 2	186.1726	0.95	1	1	2.46789
HS15_serv_inv	BOBJ1	731.1726	After	Right Exterior Girder	186.1726	0.95	1	1	3.008121
HS15_serv_inv	BOBJ1	736.25	Before	Left Exterior Girder	191.25	0.95	1	1	3.70339
HS15_serv_inv	BOBJ1	736.25	Before	Interior Girder 1	191.25	0.95	1	1	2.923173
HS15_serv_inv	BOBJ1	736.25	Before	Interior Girder 2	191.25	0.95	1	1	2.923173
HS15_serv_inv	BOBJ1	736.25	Before	Right Exterior Girder	191.25	0.95	1	1	3.70339
HS15_serv_inv	BOBJ1	736.25	After	Left Exterior Girder	191.25	0.95	1	1	3.692664
HS15_serv_inv	BOBJ1	736.25	After	Interior Girder 1	191.25	0.95	1	1	2.921761
HS15_serv_inv	BOBJ1	736.25	After	Interior Girder 2	191.25	0.95	1	1	2.921761
HS15_serv_inv	BOBJ1	736.25	After	Right Exterior Girder	191.25	0.95	1	1	3.692664
HS15_serv_inv	BOBJ1	747.5	Before	Left Exterior Girder	202.5	0.95	1	1	6.427088
HS15_serv_inv	BOBJ1	747.5	Before	Interior Girder 1	202.5	0.95	1	1	4.732578
HS15_serv_inv	BOBJ1	747.5	Before	Interior Girder 2	202.5	0.95	1	1	4.732579
HS15_serv_inv	BOBJ1	747.5	Before	Right Exterior Girder	202.5	0.95	1	1	6.427088
HS15_serv_inv	BOBJ1	747.5	After	Left Exterior Girder	202.5	0.95	1	1	6.163239
HS15_serv_inv	BOBJ1	747.5	After	Interior Girder 1	202.5	0.95	1	1	4.669757
HS15_serv_inv	BOBJ1	747.5	After	Interior Girder 2	202.5	0.95	1	1	4.669757
HS15_serv_inv	BOBJ1	747.5	After	Right Exterior Girder	202.5	0.95	1	1	6.163237
HS15_serv_inv	BOBJ1	758.75	Before	Left Exterior Girder	213.75	0.95	1	1	14.518328
HS15_serv_inv	BOBJ1	758.75	Before	Interior Girder 1	213.75	0.95	1	1	9.717178
HS15_serv_inv	BOBJ1	758.75	Before	Interior Girder 2	213.75	0.95	1	1	9.717179
HS15_serv_inv	BOBJ1	758.75	Before	Right Exterior Girder	213.75	0.95	1	1	14.518324
HS15_serv_inv	BOBJ1	758.75	After	Left Exterior Girder	213.75	0.95	1	1	14.471292
HS15_serv_inv	BOBJ1	758.75	After	Interior Girder 1	213.75	0.95	1	1	9.589199
HS15_serv_inv	BOBJ1	758.75	After	Interior Girder 2	213.75	0.95	1	1	9.589199
HS15_serv_inv	BOBJ1	758.75	After	Right Exterior Girder	213.75	0.95	1	1	14.471288
HS15_serv_inv	BOBJ1	770	Before	Left Exterior Girder	225	0.95	1	1	299.366413
HS15_serv_inv	BOBJ1	770	Before	Interior Girder 1	225	0.95	1	1	248.657418
HS15_serv_inv	BOBJ1	770	Before	Interior Girder 2	225	0.95	1	1	248.656545
HS15_serv_inv	BOBJ1	770	Before	Right Exterior Girder	225	0.95	1	1	299.367912
Lane_serv_opr	BOBJ1	0	After	Left Exterior Girder	0	0.95	1	1	394.971026
Lane_serv_opr	BOBJ1	0	After	Interior Girder 1	0	0.95	1	1	315.657058
Lane_serv_opr	BOBJ1	0	After	Interior Girder 2	0	0.95	1	1	315.656892
Lane_serv_opr	BOBJ1	0	After	Right Exterior Girder	0	0.95	1	1	394.970978
Lane_serv_opr	BOBJ1	11.25	Before	Left Exterior Girder	11.25	0.95	1	1	22.089812
Lane_serv_opr	BOBJ1	11.25	Before	Interior Girder 1	11.25	0.95	1	1	19.749658
Lane_serv_opr	BOBJ1	11.25	Before	Interior Girder 2	11.25	0.95	1	1	19.749662
Lane_serv_opr	BOBJ1	11.25	Before	Right Exterior Girder	11.25	0.95	1	1	22.089811
Lane_serv_opr	BOBJ1	11.25	After	Left Exterior Girder	11.25	0.95	1	1	22.167859
Lane_serv_opr	BOBJ1	11.25	After	Interior Girder 1	11.25	0.95	1	1	19.775865
Lane_serv_opr	BOBJ1	11.25	After	Interior Girder 2	11.25	0.95	1	1	19.775868
Lane_serv_opr	BOBJ1	11.25	After	Right Exterior Girder	11.25	0.95	1	1	22.167858
Lane_serv_opr	BOBJ1	22.5	Before	Left Exterior Girder	22.5	0.95	1	1	9.053931
Lane_serv_opr	BOBJ1	22.5	Before	Interior Girder 1	22.5	0.95	1	1	8.459765
Lane_serv_opr	BOBJ1	22.5	Before	Interior Girder 2	22.5	0.95	1	1	8.459766
Lane_serv_opr	BOBJ1	22.5	Before	Right Exterior Girder	22.5	0.95	1	1	9.05393
Lane_serv_opr	BOBJ1	22.5	After	Left Exterior Girder	22.5	0.95	1	1	9.505188
Lane_serv_opr	BOBJ1	22.5	After	Interior Girder 1	22.5	0.95	1	1	8.71841
Lane_serv_opr	BOBJ1	22.5	After	Interior Girder 2	22.5	0.95	1	1	8.718411
Lane_serv_opr	BOBJ1	22.5	After	Right Exterior Girder	22.5	0.95	1	1	9.505188

TABLE: Bridge Super Rating AASHTORATE18 26 - SteelINonCompServ-Flx - Main Span Girders									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Lane_serv_opr	BOBJ1	33.75	Before	Left Exterior Girder	33.75	0.95	1	1	5.304504
Lane_serv_opr	BOBJ1	33.75	Before	Interior Girder 1	33.75	0.95	1	1	4.971638
Lane_serv_opr	BOBJ1	33.75	Before	Interior Girder 2	33.75	0.95	1	1	4.971638
Lane_serv_opr	BOBJ1	33.75	Before	Right Exterior Girder	33.75	0.95	1	1	5.304504
Lane_serv_opr	BOBJ1	33.75	After	Left Exterior Girder	33.75	0.95	1	1	5.324463
Lane_serv_opr	BOBJ1	33.75	After	Interior Girder 1	33.75	0.95	1	1	4.959916
Lane_serv_opr	BOBJ1	33.75	After	Interior Girder 2	33.75	0.95	1	1	4.959916
Lane_serv_opr	BOBJ1	33.75	After	Right Exterior Girder	33.75	0.95	1	1	5.324463
Lane_serv_opr	BOBJ1	38.8274	Before	Left Exterior Girder	38.8274	0.95	1	1	4.278733
Lane_serv_opr	BOBJ1	38.8274	Before	Interior Girder 1	38.8274	0.95	1	1	4.047971
Lane_serv_opr	BOBJ1	38.8274	Before	Interior Girder 2	38.8274	0.95	1	1	4.047971
Lane_serv_opr	BOBJ1	38.8274	Before	Right Exterior Girder	38.8274	0.95	1	1	4.278734
Lane_serv_opr	BOBJ1	38.8274	After	Left Exterior Girder	38.8274	0.95	1	1	9.978422
Lane_serv_opr	BOBJ1	38.8274	After	Interior Girder 1	38.8274	0.95	1	1	9.387241
Lane_serv_opr	BOBJ1	38.8274	After	Interior Girder 2	38.8274	0.95	1	1	9.387242
Lane_serv_opr	BOBJ1	38.8274	After	Right Exterior Girder	38.8274	0.95	1	1	9.978422
Lane_serv_opr	BOBJ1	45	Before	Left Exterior Girder	45	0.95	1	1	8.438835
Lane_serv_opr	BOBJ1	45	Before	Interior Girder 1	45	0.95	1	1	8.069841
Lane_serv_opr	BOBJ1	45	Before	Interior Girder 2	45	0.95	1	1	8.069842
Lane_serv_opr	BOBJ1	45	Before	Right Exterior Girder	45	0.95	1	1	8.438835
Lane_serv_opr	BOBJ1	45	After	Left Exterior Girder	45	0.95	1	1	8.594992
Lane_serv_opr	BOBJ1	45	After	Interior Girder 1	45	0.95	1	1	8.134789
Lane_serv_opr	BOBJ1	45	After	Interior Girder 2	45	0.95	1	1	8.134788
Lane_serv_opr	BOBJ1	45	After	Right Exterior Girder	45	0.95	1	1	8.594993
Lane_serv_opr	BOBJ1	56.25	Before	Left Exterior Girder	56.25	0.95	1	1	6.903279
Lane_serv_opr	BOBJ1	56.25	Before	Interior Girder 1	56.25	0.95	1	1	6.570421
Lane_serv_opr	BOBJ1	56.25	Before	Interior Girder 2	56.25	0.95	1	1	6.570421
Lane_serv_opr	BOBJ1	56.25	Before	Right Exterior Girder	56.25	0.95	1	1	6.90328
Lane_serv_opr	BOBJ1	56.25	After	Left Exterior Girder	56.25	0.95	1	1	6.917795
Lane_serv_opr	BOBJ1	56.25	After	Interior Girder 1	56.25	0.95	1	1	6.564343
Lane_serv_opr	BOBJ1	56.25	After	Interior Girder 2	56.25	0.95	1	1	6.564343
Lane_serv_opr	BOBJ1	56.25	After	Right Exterior Girder	56.25	0.95	1	1	6.917795
Lane_serv_opr	BOBJ1	67.5	Before	Left Exterior Girder	67.5	0.95	1	1	5.981768
Lane_serv_opr	BOBJ1	67.5	Before	Interior Girder 1	67.5	0.95	1	1	5.77415
Lane_serv_opr	BOBJ1	67.5	Before	Interior Girder 2	67.5	0.95	1	1	5.774149
Lane_serv_opr	BOBJ1	67.5	Before	Right Exterior Girder	67.5	0.95	1	1	5.981768
Lane_serv_opr	BOBJ1	67.5	After	Left Exterior Girder	67.5	0.95	1	1	6.059204
Lane_serv_opr	BOBJ1	67.5	After	Interior Girder 1	67.5	0.95	1	1	5.807857
Lane_serv_opr	BOBJ1	67.5	After	Interior Girder 2	67.5	0.95	1	1	5.807856
Lane_serv_opr	BOBJ1	67.5	After	Right Exterior Girder	67.5	0.95	1	1	6.059205
Lane_serv_opr	BOBJ1	78.75	Before	Left Exterior Girder	78.75	0.95	1	1	5.695783
Lane_serv_opr	BOBJ1	78.75	Before	Interior Girder 1	78.75	0.95	1	1	5.442146
Lane_serv_opr	BOBJ1	78.75	Before	Interior Girder 2	78.75	0.95	1	1	5.442145
Lane_serv_opr	BOBJ1	78.75	Before	Right Exterior Girder	78.75	0.95	1	1	5.695783
Lane_serv_opr	BOBJ1	78.75	After	Left Exterior Girder	78.75	0.95	1	1	5.700456
Lane_serv_opr	BOBJ1	78.75	After	Interior Girder 1	78.75	0.95	1	1	5.440575
Lane_serv_opr	BOBJ1	78.75	After	Interior Girder 2	78.75	0.95	1	1	5.440575
Lane_serv_opr	BOBJ1	78.75	After	Right Exterior Girder	78.75	0.95	1	1	5.700456
Lane_serv_opr	BOBJ1	90	Before	Left Exterior Girder	90	0.95	1	1	5.681764
Lane_serv_opr	BOBJ1	90	Before	Interior Girder 1	90	0.95	1	1	5.464522
Lane_serv_opr	BOBJ1	90	Before	Interior Girder 2	90	0.95	1	1	5.464521
Lane_serv_opr	BOBJ1	90	Before	Right Exterior Girder	90	0.95	1	1	5.681764
Lane_serv_opr	BOBJ1	90	After	Left Exterior Girder	90	0.95	1	1	5.695129
Lane_serv_opr	BOBJ1	90	After	Interior Girder 1	90	0.95	1	1	5.468091
Lane_serv_opr	BOBJ1	90	After	Interior Girder 2	90	0.95	1	1	5.468091
Lane_serv_opr	BOBJ1	90	After	Right Exterior Girder	90	0.95	1	1	5.695129
Lane_serv_opr	BOBJ1	101.25	Before	Left Exterior Girder	101.25	0.95	1	1	6.094862
Lane_serv_opr	BOBJ1	101.25	Before	Interior Girder 1	101.25	0.95	1	1	5.77758
Lane_serv_opr	BOBJ1	101.25	Before	Interior Girder 2	101.25	0.95	1	1	5.77758
Lane_serv_opr	BOBJ1	101.25	Before	Right Exterior Girder	101.25	0.95	1	1	6.094862
Lane_serv_opr	BOBJ1	101.25	After	Left Exterior Girder	101.25	0.95	1	1	6.091692
Lane_serv_opr	BOBJ1	101.25	After	Interior Girder 1	101.25	0.95	1	1	5.780303
Lane_serv_opr	BOBJ1	101.25	After	Interior Girder 2	101.25	0.95	1	1	5.780303
Lane_serv_opr	BOBJ1	101.25	After	Right Exterior Girder	101.25	0.95	1	1	6.091692
Lane_serv_opr	BOBJ1	112.5	Before	Left Exterior Girder	112.5	0.95	1	1	6.827038
Lane_serv_opr	BOBJ1	112.5	Before	Interior Girder 1	112.5	0.95	1	1	6.461612
Lane_serv_opr	BOBJ1	112.5	Before	Interior Girder 2	112.5	0.95	1	1	6.461613
Lane_serv_opr	BOBJ1	112.5	Before	Right Exterior Girder	112.5	0.95	1	1	6.827039
Lane_serv_opr	BOBJ1	112.5	After	Left Exterior Girder	112.5	0.95	1	1	6.798423
Lane_serv_opr	BOBJ1	112.5	After	Interior Girder 1	112.5	0.95	1	1	6.457305

TABLE: Bridge Super Rating AASHTORATE18 26 - SteelINonCompServ-Flx - Main Span Girders									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Lane_serv_opr	BOBJ1	112.5	After	Interior Girder 2	112.5	0.95	1	1	6.457305
Lane_serv_opr	BOBJ1	112.5	After	Right Exterior Girder	112.5	0.95	1	1	6.798422
Lane_serv_opr	BOBJ1	123.75	Before	Left Exterior Girder	123.75	0.95	1	1	8.092941
Lane_serv_opr	BOBJ1	123.75	Before	Interior Girder 1	123.75	0.95	1	1	7.506048
Lane_serv_opr	BOBJ1	123.75	Before	Interior Girder 2	123.75	0.95	1	1	7.506049
Lane_serv_opr	BOBJ1	123.75	Before	Right Exterior Girder	123.75	0.95	1	1	8.092941
Lane_serv_opr	BOBJ1	123.75	After	Left Exterior Girder	123.75	0.95	1	1	8.092933
Lane_serv_opr	BOBJ1	123.75	After	Interior Girder 1	123.75	0.95	1	1	7.504265
Lane_serv_opr	BOBJ1	123.75	After	Interior Girder 2	123.75	0.95	1	1	7.504265
Lane_serv_opr	BOBJ1	123.75	After	Right Exterior Girder	123.75	0.95	1	1	8.092933
Lane_serv_opr	BOBJ1	126.4381	Before	Left Exterior Girder	126.4381	0.95	1	1	8.492478
Lane_serv_opr	BOBJ1	126.4381	Before	Interior Girder 1	126.4381	0.95	1	1	7.833019
Lane_serv_opr	BOBJ1	126.4381	Before	Interior Girder 2	126.4381	0.95	1	1	7.83302
Lane_serv_opr	BOBJ1	126.4381	Before	Right Exterior Girder	126.4381	0.95	1	1	8.492477
Lane_serv_opr	BOBJ1	126.4381	After	Left Exterior Girder	126.4381	0.95	1	1	4.482196
Lane_serv_opr	BOBJ1	126.4381	After	Interior Girder 1	126.4381	0.95	1	1	4.15426
Lane_serv_opr	BOBJ1	126.4381	After	Interior Girder 2	126.4381	0.95	1	1	4.15426
Lane_serv_opr	BOBJ1	126.4381	After	Right Exterior Girder	126.4381	0.95	1	1	4.482196
Lane_serv_opr	BOBJ1	135	Before	Left Exterior Girder	135	0.95	1	1	5.717312
Lane_serv_opr	BOBJ1	135	Before	Interior Girder 1	135	0.95	1	1	5.236402
Lane_serv_opr	BOBJ1	135	Before	Interior Girder 2	135	0.95	1	1	5.236402
Lane_serv_opr	BOBJ1	135	Before	Right Exterior Girder	135	0.95	1	1	5.717312
Lane_serv_opr	BOBJ1	135	After	Left Exterior Girder	135	0.95	1	1	5.620913
Lane_serv_opr	BOBJ1	135	After	Interior Girder 1	135	0.95	1	1	5.2037
Lane_serv_opr	BOBJ1	135	After	Interior Girder 2	135	0.95	1	1	5.2037
Lane_serv_opr	BOBJ1	135	After	Right Exterior Girder	135	0.95	1	1	5.620912
Lane_serv_opr	BOBJ1	146.25	Before	Left Exterior Girder	146.25	0.95	1	1	7.577742
Lane_serv_opr	BOBJ1	146.25	Before	Interior Girder 1	146.25	0.95	1	1	7.176662
Lane_serv_opr	BOBJ1	146.25	Before	Interior Girder 2	146.25	0.95	1	1	7.176662
Lane_serv_opr	BOBJ1	146.25	Before	Right Exterior Girder	146.25	0.95	1	1	7.577742
Lane_serv_opr	BOBJ1	146.25	After	Left Exterior Girder	146.25	0.95	1	1	7.592517
Lane_serv_opr	BOBJ1	146.25	After	Interior Girder 1	146.25	0.95	1	1	7.181973
Lane_serv_opr	BOBJ1	146.25	After	Interior Girder 2	146.25	0.95	1	1	7.181973
Lane_serv_opr	BOBJ1	146.25	After	Right Exterior Girder	146.25	0.95	1	1	7.592518
Lane_serv_opr	BOBJ1	157.5	Before	Left Exterior Girder	157.5	0.95	1	1	5.367033
Lane_serv_opr	BOBJ1	157.5	Before	Interior Girder 1	157.5	0.95	1	1	5.247016
Lane_serv_opr	BOBJ1	157.5	Before	Interior Girder 2	157.5	0.95	1	1	5.247016
Lane_serv_opr	BOBJ1	157.5	Before	Right Exterior Girder	157.5	0.95	1	1	5.367034
Lane_serv_opr	BOBJ1	157.5	After	Left Exterior Girder	157.5	0.95	1	1	5.426921
Lane_serv_opr	BOBJ1	157.5	After	Interior Girder 1	157.5	0.95	1	1	5.263125
Lane_serv_opr	BOBJ1	157.5	After	Interior Girder 2	157.5	0.95	1	1	5.263125
Lane_serv_opr	BOBJ1	157.5	After	Right Exterior Girder	157.5	0.95	1	1	5.426921
Lane_serv_opr	BOBJ1	168.2522	Before	Left Exterior Girder	168.2522	0.95	1	1	3.350051
Lane_serv_opr	BOBJ1	168.2522	Before	Interior Girder 1	168.2522	0.95	1	1	3.223974
Lane_serv_opr	BOBJ1	168.2522	Before	Interior Girder 2	168.2522	0.95	1	1	3.223974
Lane_serv_opr	BOBJ1	168.2522	Before	Right Exterior Girder	168.2522	0.95	1	1	3.350051
Lane_serv_opr	BOBJ1	168.2522	After	Left Exterior Girder	168.2522	0.95	1	1	8.426405
Lane_serv_opr	BOBJ1	168.2522	After	Interior Girder 1	168.2522	0.95	1	1	8.046666
Lane_serv_opr	BOBJ1	168.2522	After	Interior Girder 2	168.2522	0.95	1	1	8.046665
Lane_serv_opr	BOBJ1	168.2522	After	Right Exterior Girder	168.2522	0.95	1	1	8.426405
Lane_serv_opr	BOBJ1	168.75	Before	Left Exterior Girder	168.75	0.95	1	1	8.303925
Lane_serv_opr	BOBJ1	168.75	Before	Interior Girder 1	168.75	0.95	1	1	7.938996
Lane_serv_opr	BOBJ1	168.75	Before	Interior Girder 2	168.75	0.95	1	1	7.938996
Lane_serv_opr	BOBJ1	168.75	Before	Right Exterior Girder	168.75	0.95	1	1	8.303925
Lane_serv_opr	BOBJ1	168.75	After	Left Exterior Girder	168.75	0.95	1	1	8.31915
Lane_serv_opr	BOBJ1	168.75	After	Interior Girder 1	168.75	0.95	1	1	7.924891
Lane_serv_opr	BOBJ1	168.75	After	Interior Girder 2	168.75	0.95	1	1	7.92489
Lane_serv_opr	BOBJ1	168.75	After	Right Exterior Girder	168.75	0.95	1	1	8.31915
Lane_serv_opr	BOBJ1	180	Before	Left Exterior Girder	180	0.95	1	1	5.635093
Lane_serv_opr	BOBJ1	180	Before	Interior Girder 1	180	0.95	1	1	5.319973
Lane_serv_opr	BOBJ1	180	Before	Interior Girder 2	180	0.95	1	1	5.319973
Lane_serv_opr	BOBJ1	180	Before	Right Exterior Girder	180	0.95	1	1	5.635093
Lane_serv_opr	BOBJ1	180	After	Left Exterior Girder	180	0.95	1	1	5.70272
Lane_serv_opr	BOBJ1	180	After	Interior Girder 1	180	0.95	1	1	5.263564
Lane_serv_opr	BOBJ1	180	After	Interior Girder 2	180	0.95	1	1	5.263564
Lane_serv_opr	BOBJ1	180	After	Right Exterior Girder	180	0.95	1	1	5.702721
Lane_serv_opr	BOBJ1	183.1858	Before	Left Exterior Girder	183.1858	0.95	1	1	4.951171
Lane_serv_opr	BOBJ1	183.1858	Before	Interior Girder 1	183.1858	0.95	1	1	4.552081
Lane_serv_opr	BOBJ1	183.1858	Before	Interior Girder 2	183.1858	0.95	1	1	4.552081
Lane_serv_opr	BOBJ1	183.1858	Before	Right Exterior Girder	183.1858	0.95	1	1	4.951171

TABLE: Bridge Super Rating AASHTORATE18 26 - SteelINonCompServ-Flx - Main Span Girders									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Lane_serv_opr	BOBJ1	183.1858	After	Left Exterior Girder	183.1858	0.95	1	1	10.370647
Lane_serv_opr	BOBJ1	183.1858	After	Interior Girder 1	183.1858	0.95	1	1	9.508397
Lane_serv_opr	BOBJ1	183.1858	After	Interior Girder 2	183.1858	0.95	1	1	9.508397
Lane_serv_opr	BOBJ1	183.1858	After	Right Exterior Girder	183.1858	0.95	1	1	10.370648
Lane_serv_opr	BOBJ1	191.25	Before	Left Exterior Girder	191.25	0.95	1	1	8.017961
Lane_serv_opr	BOBJ1	191.25	Before	Interior Girder 1	191.25	0.95	1	1	7.238874
Lane_serv_opr	BOBJ1	191.25	Before	Interior Girder 2	191.25	0.95	1	1	7.238874
Lane_serv_opr	BOBJ1	191.25	Before	Right Exterior Girder	191.25	0.95	1	1	8.017961
Lane_serv_opr	BOBJ1	191.25	After	Left Exterior Girder	191.25	0.95	1	1	8.050635
Lane_serv_opr	BOBJ1	191.25	After	Interior Girder 1	191.25	0.95	1	1	7.228098
Lane_serv_opr	BOBJ1	191.25	After	Interior Girder 2	191.25	0.95	1	1	7.228098
Lane_serv_opr	BOBJ1	191.25	After	Right Exterior Girder	191.25	0.95	1	1	8.050636
Lane_serv_opr	BOBJ1	199.9414	Before	Left Exterior Girder	199.9414	0.95	1	1	5.704655
Lane_serv_opr	BOBJ1	199.9414	Before	Interior Girder 1	199.9414	0.95	1	1	5.057706
Lane_serv_opr	BOBJ1	199.9414	Before	Interior Girder 2	199.9414	0.95	1	1	5.057706
Lane_serv_opr	BOBJ1	199.9414	Before	Right Exterior Girder	199.9414	0.95	1	1	5.704655
Lane_serv_opr	BOBJ1	199.9414	After	Left Exterior Girder	199.9414	0.95	1	1	9.301691
Lane_serv_opr	BOBJ1	199.9414	After	Interior Girder 1	199.9414	0.95	1	1	8.269013
Lane_serv_opr	BOBJ1	199.9414	After	Interior Girder 2	199.9414	0.95	1	1	8.269013
Lane_serv_opr	BOBJ1	199.9414	After	Right Exterior Girder	199.9414	0.95	1	1	9.301691
Lane_serv_opr	BOBJ1	202.5	Before	Left Exterior Girder	202.5	0.95	1	1	8.495117
Lane_serv_opr	BOBJ1	202.5	Before	Interior Girder 1	202.5	0.95	1	1	7.547182
Lane_serv_opr	BOBJ1	202.5	Before	Interior Girder 2	202.5	0.95	1	1	7.547182
Lane_serv_opr	BOBJ1	202.5	Before	Right Exterior Girder	202.5	0.95	1	1	8.495117
Lane_serv_opr	BOBJ1	202.5	After	Left Exterior Girder	202.5	0.95	1	1	8.558361
Lane_serv_opr	BOBJ1	202.5	After	Interior Girder 1	202.5	0.95	1	1	7.533958
Lane_serv_opr	BOBJ1	202.5	After	Interior Girder 2	202.5	0.95	1	1	7.533958
Lane_serv_opr	BOBJ1	202.5	After	Right Exterior Girder	202.5	0.95	1	1	8.558361
Lane_serv_opr	BOBJ1	210.5642	Before	Left Exterior Girder	210.5642	0.95	1	1	6.305334
Lane_serv_opr	BOBJ1	210.5642	Before	Interior Girder 1	210.5642	0.95	1	1	5.514039
Lane_serv_opr	BOBJ1	210.5642	Before	Interior Girder 2	210.5642	0.95	1	1	5.514039
Lane_serv_opr	BOBJ1	210.5642	Before	Right Exterior Girder	210.5642	0.95	1	1	6.305334
Lane_serv_opr	BOBJ1	210.5642	After	Left Exterior Girder	210.5642	0.95	1	1	9.27295
Lane_serv_opr	BOBJ1	210.5642	After	Interior Girder 1	210.5642	0.95	1	1	8.147727
Lane_serv_opr	BOBJ1	210.5642	After	Interior Girder 2	210.5642	0.95	1	1	8.147727
Lane_serv_opr	BOBJ1	210.5642	After	Right Exterior Girder	210.5642	0.95	1	1	9.27295
Lane_serv_opr	BOBJ1	213.75	Before	Left Exterior Girder	213.75	0.95	1	1	8.336558
Lane_serv_opr	BOBJ1	213.75	Before	Interior Girder 1	213.75	0.95	1	1	7.285769
Lane_serv_opr	BOBJ1	213.75	Before	Interior Girder 2	213.75	0.95	1	1	7.285769
Lane_serv_opr	BOBJ1	213.75	Before	Right Exterior Girder	213.75	0.95	1	1	8.336558
Lane_serv_opr	BOBJ1	213.75	After	Left Exterior Girder	213.75	0.95	1	1	8.341796
Lane_serv_opr	BOBJ1	213.75	After	Interior Girder 1	213.75	0.95	1	1	7.289724
Lane_serv_opr	BOBJ1	213.75	After	Interior Girder 2	213.75	0.95	1	1	7.289724
Lane_serv_opr	BOBJ1	213.75	After	Right Exterior Girder	213.75	0.95	1	1	8.341796
Lane_serv_opr	BOBJ1	225	Before	Left Exterior Girder	225	0.95	1	1	5.555174
Lane_serv_opr	BOBJ1	225	Before	Interior Girder 1	225	0.95	1	1	4.716302
Lane_serv_opr	BOBJ1	225	Before	Interior Girder 2	225	0.95	1	1	4.716303
Lane_serv_opr	BOBJ1	225	Before	Right Exterior Girder	225	0.95	1	1	5.555174
Lane_serv_opr	BOBJ1	225	After	Left Exterior Girder	0	0.95	1	1	5.182019
Lane_serv_opr	BOBJ1	225	After	Interior Girder 1	0	0.95	1	1	4.70877
Lane_serv_opr	BOBJ1	225	After	Interior Girder 2	0	0.95	1	1	4.70877
Lane_serv_opr	BOBJ1	225	After	Right Exterior Girder	0	0.95	1	1	5.182019
Lane_serv_opr	BOBJ1	236.45	Before	Left Exterior Girder	11.45	0.95	1	1	8.247241
Lane_serv_opr	BOBJ1	236.45	Before	Interior Girder 1	11.45	0.95	1	1	7.842582
Lane_serv_opr	BOBJ1	236.45	Before	Interior Girder 2	11.45	0.95	1	1	7.842582
Lane_serv_opr	BOBJ1	236.45	Before	Right Exterior Girder	11.45	0.95	1	1	8.247241
Lane_serv_opr	BOBJ1	236.45	After	Left Exterior Girder	11.45	0.95	1	1	8.261804
Lane_serv_opr	BOBJ1	236.45	After	Interior Girder 1	11.45	0.95	1	1	7.837013
Lane_serv_opr	BOBJ1	236.45	After	Interior Girder 2	11.45	0.95	1	1	7.837013
Lane_serv_opr	BOBJ1	236.45	After	Right Exterior Girder	11.45	0.95	1	1	8.261804
Lane_serv_opr	BOBJ1	239.5082	Before	Left Exterior Girder	14.5082	0.95	1	1	9.284047
Lane_serv_opr	BOBJ1	239.5082	Before	Interior Girder 1	14.5082	0.95	1	1	8.87302
Lane_serv_opr	BOBJ1	239.5082	Before	Interior Girder 2	14.5082	0.95	1	1	8.87302
Lane_serv_opr	BOBJ1	239.5082	Before	Right Exterior Girder	14.5082	0.95	1	1	9.284047
Lane_serv_opr	BOBJ1	239.5082	After	Left Exterior Girder	14.5082	0.95	1	1	6.397398
Lane_serv_opr	BOBJ1	239.5082	After	Interior Girder 1	14.5082	0.95	1	1	6.112774
Lane_serv_opr	BOBJ1	239.5082	After	Interior Girder 2	14.5082	0.95	1	1	6.112774
Lane_serv_opr	BOBJ1	239.5082	After	Right Exterior Girder	14.5082	0.95	1	1	6.397398
Lane_serv_opr	BOBJ1	247.9	Before	Left Exterior Girder	22.9	0.95	1	1	9.218102
Lane_serv_opr	BOBJ1	247.9	Before	Interior Girder 1	22.9	0.95	1	1	8.931046

TABLE: Bridge Super Rating AASHTORATE18 26 - SteelINonCompServ-Flx - Main Span Girders									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Lane_serv_opr	BOBJ1	247.9	Before	Interior Girder 2	22.9	0.95	1	1	8.931046
Lane_serv_opr	BOBJ1	247.9	Before	Right Exterior Girder	22.9	0.95	1	1	9.218102
Lane_serv_opr	BOBJ1	247.9	After	Left Exterior Girder	22.9	0.95	1	1	9.065646
Lane_serv_opr	BOBJ1	247.9	After	Interior Girder 1	22.9	0.95	1	1	8.907535
Lane_serv_opr	BOBJ1	247.9	After	Interior Girder 2	22.9	0.95	1	1	8.907535
Lane_serv_opr	BOBJ1	247.9	After	Right Exterior Girder	22.9	0.95	1	1	9.065645
Lane_serv_opr	BOBJ1	258.5189	Before	Left Exterior Girder	33.5189	0.95	1	1	13.93845
Lane_serv_opr	BOBJ1	258.5189	Before	Interior Girder 1	33.5189	0.95	1	1	13.795632
Lane_serv_opr	BOBJ1	258.5189	Before	Interior Girder 2	33.5189	0.95	1	1	13.795632
Lane_serv_opr	BOBJ1	258.5189	Before	Right Exterior Girder	33.5189	0.95	1	1	13.93845
Lane_serv_opr	BOBJ1	258.5189	After	Left Exterior Girder	33.5189	0.95	1	1	9.531636
Lane_serv_opr	BOBJ1	258.5189	After	Interior Girder 1	33.5189	0.95	1	1	9.45043
Lane_serv_opr	BOBJ1	258.5189	After	Interior Girder 2	33.5189	0.95	1	1	9.45043
Lane_serv_opr	BOBJ1	258.5189	After	Right Exterior Girder	33.5189	0.95	1	1	9.531636
Lane_serv_opr	BOBJ1	259.3	Before	Left Exterior Girder	34.3	0.95	1	1	9.887792
Lane_serv_opr	BOBJ1	259.3	Before	Interior Girder 1	34.3	0.95	1	1	9.784339
Lane_serv_opr	BOBJ1	259.3	Before	Interior Girder 2	34.3	0.95	1	1	9.784339
Lane_serv_opr	BOBJ1	259.3	Before	Right Exterior Girder	34.3	0.95	1	1	9.887792
Lane_serv_opr	BOBJ1	259.3	After	Left Exterior Girder	34.3	0.95	1	1	9.871596
Lane_serv_opr	BOBJ1	259.3	After	Interior Girder 1	34.3	0.95	1	1	9.78924
Lane_serv_opr	BOBJ1	259.3	After	Interior Girder 2	34.3	0.95	1	1	9.78924
Lane_serv_opr	BOBJ1	259.3	After	Right Exterior Girder	34.3	0.95	1	1	9.871596
Lane_serv_opr	BOBJ1	266.1031	Before	Left Exterior Girder	41.1031	0.95	1	1	13.361572
Lane_serv_opr	BOBJ1	266.1031	Before	Interior Girder 1	41.1031	0.95	1	1	13.114756
Lane_serv_opr	BOBJ1	266.1031	Before	Interior Girder 2	41.1031	0.95	1	1	13.114756
Lane_serv_opr	BOBJ1	266.1031	Before	Right Exterior Girder	41.1031	0.95	1	1	13.361572
Lane_serv_opr	BOBJ1	266.1031	After	Left Exterior Girder	41.1031	0.95	1	1	7.118092
Lane_serv_opr	BOBJ1	266.1031	After	Interior Girder 1	41.1031	0.95	1	1	7.009091
Lane_serv_opr	BOBJ1	266.1031	After	Interior Girder 2	41.1031	0.95	1	1	7.009091
Lane_serv_opr	BOBJ1	266.1031	After	Right Exterior Girder	41.1031	0.95	1	1	7.118092
Lane_serv_opr	BOBJ1	270.7	Before	Left Exterior Girder	45.7	0.95	1	1	9.174355
Lane_serv_opr	BOBJ1	270.7	Before	Interior Girder 1	45.7	0.95	1	1	8.894647
Lane_serv_opr	BOBJ1	270.7	Before	Interior Girder 2	45.7	0.95	1	1	8.894647
Lane_serv_opr	BOBJ1	270.7	Before	Right Exterior Girder	45.7	0.95	1	1	9.174355
Lane_serv_opr	BOBJ1	270.7	After	Left Exterior Girder	45.7	0.95	1	1	8.997514
Lane_serv_opr	BOBJ1	270.7	After	Interior Girder 1	45.7	0.95	1	1	8.998994
Lane_serv_opr	BOBJ1	270.7	After	Interior Girder 2	45.7	0.95	1	1	8.998994
Lane_serv_opr	BOBJ1	270.7	After	Right Exterior Girder	45.7	0.95	1	1	8.997514
Lane_serv_opr	BOBJ1	273.6874	Before	Left Exterior Girder	48.6874	0.95	1	1	10.480865
Lane_serv_opr	BOBJ1	273.6874	Before	Interior Girder 1	48.6874	0.95	1	1	10.358563
Lane_serv_opr	BOBJ1	273.6874	Before	Interior Girder 2	48.6874	0.95	1	1	10.358563
Lane_serv_opr	BOBJ1	273.6874	Before	Right Exterior Girder	48.6874	0.95	1	1	10.480865
Lane_serv_opr	BOBJ1	273.6874	After	Left Exterior Girder	48.6874	0.95	1	1	4.487353
Lane_serv_opr	BOBJ1	273.6874	After	Interior Girder 1	48.6874	0.95	1	1	4.479467
Lane_serv_opr	BOBJ1	273.6874	After	Interior Girder 2	48.6874	0.95	1	1	4.479467
Lane_serv_opr	BOBJ1	273.6874	After	Right Exterior Girder	48.6874	0.95	1	1	4.487353
Lane_serv_opr	BOBJ1	282.15	Before	Left Exterior Girder	57.15	0.95	1	1	7.709485
Lane_serv_opr	BOBJ1	282.15	Before	Interior Girder 1	57.15	0.95	1	1	7.632815
Lane_serv_opr	BOBJ1	282.15	Before	Interior Girder 2	57.15	0.95	1	1	7.632815
Lane_serv_opr	BOBJ1	282.15	Before	Right Exterior Girder	57.15	0.95	1	1	7.709485
Lane_serv_opr	BOBJ1	282.15	After	Left Exterior Girder	57.15	0.95	1	1	7.692046
Lane_serv_opr	BOBJ1	282.15	After	Interior Girder 1	57.15	0.95	1	1	7.653901
Lane_serv_opr	BOBJ1	282.15	After	Interior Girder 2	57.15	0.95	1	1	7.653901
Lane_serv_opr	BOBJ1	282.15	After	Right Exterior Girder	57.15	0.95	1	1	7.692046
Lane_serv_opr	BOBJ1	293.6	Before	Left Exterior Girder	68.6	0.95	1	1	8.511767
Lane_serv_opr	BOBJ1	293.6	Before	Interior Girder 1	68.6	0.95	1	1	8.000561
Lane_serv_opr	BOBJ1	293.6	Before	Interior Girder 2	68.6	0.95	1	1	8.000561
Lane_serv_opr	BOBJ1	293.6	Before	Right Exterior Girder	68.6	0.95	1	1	8.511767
Lane_serv_opr	BOBJ1	293.6	After	Left Exterior Girder	68.6	0.95	1	1	8.430373
Lane_serv_opr	BOBJ1	293.6	After	Interior Girder 1	68.6	0.95	1	1	8.313656
Lane_serv_opr	BOBJ1	293.6	After	Interior Girder 2	68.6	0.95	1	1	8.313656
Lane_serv_opr	BOBJ1	293.6	After	Right Exterior Girder	68.6	0.95	1	1	8.430373
Lane_serv_opr	BOBJ1	305	Before	Left Exterior Girder	80	0.95	1	1	4.540846
Lane_serv_opr	BOBJ1	305	Before	Interior Girder 1	80	0.95	1	1	4.154395
Lane_serv_opr	BOBJ1	305	Before	Interior Girder 2	80	0.95	1	1	4.154395
Lane_serv_opr	BOBJ1	305	Before	Right Exterior Girder	80	0.95	1	1	4.540846
Lane_serv_opr	BOBJ1	305	After	Left Exterior Girder	80	0.95	1	1	4.542918
Lane_serv_opr	BOBJ1	305	After	Interior Girder 1	80	0.95	1	1	4.1531
Lane_serv_opr	BOBJ1	305	After	Interior Girder 2	80	0.95	1	1	4.1531
Lane_serv_opr	BOBJ1	305	After	Right Exterior Girder	80	0.95	1	1	4.542918

TABLE: Bridge Super Rating AASHTORATE18 26 - SteelINonCompServ-Flx - Main Span Girders									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Lane_serv_opr	BOBJ1	306.9561	Before	Left Exterior Girder	81.9561	0.95	1	1	4.017185
Lane_serv_opr	BOBJ1	306.9561	Before	Interior Girder 1	81.9561	0.95	1	1	3.66712
Lane_serv_opr	BOBJ1	306.9561	Before	Interior Girder 2	81.9561	0.95	1	1	3.66712
Lane_serv_opr	BOBJ1	306.9561	Before	Right Exterior Girder	81.9561	0.95	1	1	4.017185
Lane_serv_opr	BOBJ1	306.9561	After	Left Exterior Girder	81.9561	0.95	1	1	10.712415
Lane_serv_opr	BOBJ1	306.9561	After	Interior Girder 1	81.9561	0.95	1	1	9.674355
Lane_serv_opr	BOBJ1	306.9561	After	Interior Girder 2	81.9561	0.95	1	1	9.674355
Lane_serv_opr	BOBJ1	306.9561	After	Right Exterior Girder	81.9561	0.95	1	1	10.712415
Lane_serv_opr	BOBJ1	316.4	Before	Left Exterior Girder	91.4	0.95	1	1	7.485831
Lane_serv_opr	BOBJ1	316.4	Before	Interior Girder 1	91.4	0.95	1	1	6.955697
Lane_serv_opr	BOBJ1	316.4	Before	Interior Girder 2	91.4	0.95	1	1	6.955698
Lane_serv_opr	BOBJ1	316.4	Before	Right Exterior Girder	91.4	0.95	1	1	7.485832
Lane_serv_opr	BOBJ1	316.4	After	Left Exterior Girder	91.4	0.95	1	1	7.664024
Lane_serv_opr	BOBJ1	316.4	After	Interior Girder 1	91.4	0.95	1	1	6.974117
Lane_serv_opr	BOBJ1	316.4	After	Interior Girder 2	91.4	0.95	1	1	6.974117
Lane_serv_opr	BOBJ1	316.4	After	Right Exterior Girder	91.4	0.95	1	1	7.664023
Lane_serv_opr	BOBJ1	327.85	Before	Left Exterior Girder	102.9679	0.95	1	1	5.192884
Lane_serv_opr	BOBJ1	327.85	Before	Interior Girder 1	102.9679	0.95	1	1	4.828515
Lane_serv_opr	BOBJ1	327.85	Before	Interior Girder 2	102.9679	0.95	1	1	4.828515
Lane_serv_opr	BOBJ1	327.85	Before	Right Exterior Girder	102.9679	0.95	1	1	5.192884
Lane_serv_opr	BOBJ1	327.85	After	Left Exterior Girder	102.9679	0.95	1	1	10.001962
Lane_serv_opr	BOBJ1	327.85	After	Interior Girder 1	102.9679	0.95	1	1	9.446244
Lane_serv_opr	BOBJ1	327.85	After	Interior Girder 2	102.9679	0.95	1	1	9.446244
Lane_serv_opr	BOBJ1	327.85	After	Right Exterior Girder	102.9679	0.95	1	1	10.001962
Lane_serv_opr	BOBJ1	339.3	Before	Left Exterior Girder	114.3	0.95	1	1	7.882476
Lane_serv_opr	BOBJ1	339.3	Before	Interior Girder 1	114.3	0.95	1	1	7.645573
Lane_serv_opr	BOBJ1	339.3	Before	Interior Girder 2	114.3	0.95	1	1	7.645573
Lane_serv_opr	BOBJ1	339.3	Before	Right Exterior Girder	114.3	0.95	1	1	7.882476
Lane_serv_opr	BOBJ1	339.3	After	Left Exterior Girder	114.3	0.95	1	1	7.971898
Lane_serv_opr	BOBJ1	339.3	After	Interior Girder 1	114.3	0.95	1	1	7.670421
Lane_serv_opr	BOBJ1	339.3	After	Interior Girder 2	114.3	0.95	1	1	7.670422
Lane_serv_opr	BOBJ1	339.3	After	Right Exterior Girder	114.3	0.95	1	1	7.971898
Lane_serv_opr	BOBJ1	350.7	Before	Left Exterior Girder	125.7	0.95	1	1	6.694473
Lane_serv_opr	BOBJ1	350.7	Before	Interior Girder 1	125.7	0.95	1	1	6.462013
Lane_serv_opr	BOBJ1	350.7	Before	Interior Girder 2	125.7	0.95	1	1	6.462013
Lane_serv_opr	BOBJ1	350.7	Before	Right Exterior Girder	125.7	0.95	1	1	6.694473
Lane_serv_opr	BOBJ1	350.7	After	Left Exterior Girder	125.7	0.95	1	1	6.694143
Lane_serv_opr	BOBJ1	350.7	After	Interior Girder 1	125.7	0.95	1	1	6.462799
Lane_serv_opr	BOBJ1	350.7	After	Interior Girder 2	125.7	0.95	1	1	6.462799
Lane_serv_opr	BOBJ1	350.7	After	Right Exterior Girder	125.7	0.95	1	1	6.694143
Lane_serv_opr	BOBJ1	362.1	Before	Left Exterior Girder	137.1	0.95	1	1	5.857145
Lane_serv_opr	BOBJ1	362.1	Before	Interior Girder 1	137.1	0.95	1	1	5.733737
Lane_serv_opr	BOBJ1	362.1	Before	Interior Girder 2	137.1	0.95	1	1	5.733737
Lane_serv_opr	BOBJ1	362.1	Before	Right Exterior Girder	137.1	0.95	1	1	5.857145
Lane_serv_opr	BOBJ1	362.1	After	Left Exterior Girder	137.1	0.95	1	1	5.894775
Lane_serv_opr	BOBJ1	362.1	After	Interior Girder 1	137.1	0.95	1	1	5.747298
Lane_serv_opr	BOBJ1	362.1	After	Interior Girder 2	137.1	0.95	1	1	5.747298
Lane_serv_opr	BOBJ1	362.1	After	Right Exterior Girder	137.1	0.95	1	1	5.894775
Lane_serv_opr	BOBJ1	373.55	Before	Left Exterior Girder	148.55	0.95	1	1	5.469605
Lane_serv_opr	BOBJ1	373.55	Before	Interior Girder 1	148.55	0.95	1	1	5.312552
Lane_serv_opr	BOBJ1	373.55	Before	Interior Girder 2	148.55	0.95	1	1	5.312551
Lane_serv_opr	BOBJ1	373.55	Before	Right Exterior Girder	148.55	0.95	1	1	5.469605
Lane_serv_opr	BOBJ1	373.55	After	Left Exterior Girder	148.55	0.95	1	1	5.469549
Lane_serv_opr	BOBJ1	373.55	After	Interior Girder 1	148.55	0.95	1	1	5.312742
Lane_serv_opr	BOBJ1	373.55	After	Interior Girder 2	148.55	0.95	1	1	5.312742
Lane_serv_opr	BOBJ1	373.55	After	Right Exterior Girder	148.55	0.95	1	1	5.469549
Lane_serv_opr	BOBJ1	385	Before	Left Exterior Girder	160	0.95	1	1	5.303226
Lane_serv_opr	BOBJ1	385	Before	Interior Girder 1	160	0.95	1	1	5.194699
Lane_serv_opr	BOBJ1	385	Before	Interior Girder 2	160	0.95	1	1	5.194699
Lane_serv_opr	BOBJ1	385	Before	Right Exterior Girder	160	0.95	1	1	5.303225
Lane_serv_opr	BOBJ1	385	After	Left Exterior Girder	160	0.95	1	1	5.303225
Lane_serv_opr	BOBJ1	385	After	Interior Girder 1	160	0.95	1	1	5.194694
Lane_serv_opr	BOBJ1	385	After	Interior Girder 2	160	0.95	1	1	5.194694
Lane_serv_opr	BOBJ1	385	After	Right Exterior Girder	160	0.95	1	1	5.303226
Lane_serv_opr	BOBJ1	396.45	Before	Left Exterior Girder	171.45	0.95	1	1	5.469549
Lane_serv_opr	BOBJ1	396.45	Before	Interior Girder 1	171.45	0.95	1	1	5.312728
Lane_serv_opr	BOBJ1	396.45	Before	Interior Girder 2	171.45	0.95	1	1	5.312728
Lane_serv_opr	BOBJ1	396.45	Before	Right Exterior Girder	171.45	0.95	1	1	5.469549
Lane_serv_opr	BOBJ1	396.45	After	Left Exterior Girder	171.45	0.95	1	1	5.469605
Lane_serv_opr	BOBJ1	396.45	After	Interior Girder 1	171.45	0.95	1	1	5.312537

TABLE: Bridge Super Rating AASHTORATE18 26 - SteelINonCompServ-Flx - Main Span Girders									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Lane_serv_opr	BOBJ1	396.45	After	Interior Girder 2	171.45	0.95	1	1	5.312537
Lane_serv_opr	BOBJ1	396.45	After	Right Exterior Girder	171.45	0.95	1	1	5.469605
Lane_serv_opr	BOBJ1	407.9	Before	Left Exterior Girder	182.9	0.95	1	1	5.894794
Lane_serv_opr	BOBJ1	407.9	Before	Interior Girder 1	182.9	0.95	1	1	5.747294
Lane_serv_opr	BOBJ1	407.9	Before	Interior Girder 2	182.9	0.95	1	1	5.747294
Lane_serv_opr	BOBJ1	407.9	Before	Right Exterior Girder	182.9	0.95	1	1	5.894794
Lane_serv_opr	BOBJ1	407.9	After	Left Exterior Girder	182.9	0.95	1	1	5.857163
Lane_serv_opr	BOBJ1	407.9	After	Interior Girder 1	182.9	0.95	1	1	5.733725
Lane_serv_opr	BOBJ1	407.9	After	Interior Girder 2	182.9	0.95	1	1	5.733725
Lane_serv_opr	BOBJ1	407.9	After	Right Exterior Girder	182.9	0.95	1	1	5.857163
Lane_serv_opr	BOBJ1	419.3	Before	Left Exterior Girder	194.3	0.95	1	1	6.694167
Lane_serv_opr	BOBJ1	419.3	Before	Interior Girder 1	194.3	0.95	1	1	6.462791
Lane_serv_opr	BOBJ1	419.3	Before	Interior Girder 2	194.3	0.95	1	1	6.462791
Lane_serv_opr	BOBJ1	419.3	Before	Right Exterior Girder	194.3	0.95	1	1	6.694167
Lane_serv_opr	BOBJ1	419.3	After	Left Exterior Girder	194.3	0.95	1	1	6.694496
Lane_serv_opr	BOBJ1	419.3	After	Interior Girder 1	194.3	0.95	1	1	6.461966
Lane_serv_opr	BOBJ1	419.3	After	Interior Girder 2	194.3	0.95	1	1	6.461966
Lane_serv_opr	BOBJ1	419.3	After	Right Exterior Girder	194.3	0.95	1	1	6.694496
Lane_serv_opr	BOBJ1	430.7	Before	Left Exterior Girder	205.7	0.95	1	1	7.971928
Lane_serv_opr	BOBJ1	430.7	Before	Interior Girder 1	205.7	0.95	1	1	7.670395
Lane_serv_opr	BOBJ1	430.7	Before	Interior Girder 2	205.7	0.95	1	1	7.670394
Lane_serv_opr	BOBJ1	430.7	Before	Right Exterior Girder	205.7	0.95	1	1	7.971928
Lane_serv_opr	BOBJ1	430.7	After	Left Exterior Girder	205.7	0.95	1	1	7.882512
Lane_serv_opr	BOBJ1	430.7	After	Interior Girder 1	205.7	0.95	1	1	7.645548
Lane_serv_opr	BOBJ1	430.7	After	Interior Girder 2	205.7	0.95	1	1	7.645548
Lane_serv_opr	BOBJ1	430.7	After	Right Exterior Girder	205.7	0.95	1	1	7.882512
Lane_serv_opr	BOBJ1	442.15	Before	Left Exterior Girder	217.0321	0.95	1	1	9.979956
Lane_serv_opr	BOBJ1	442.15	Before	Interior Girder 1	217.0321	0.95	1	1	9.440339
Lane_serv_opr	BOBJ1	442.15	Before	Interior Girder 2	217.0321	0.95	1	1	9.440338
Lane_serv_opr	BOBJ1	442.15	Before	Right Exterior Girder	217.0321	0.95	1	1	9.979956
Lane_serv_opr	BOBJ1	442.15	After	Left Exterior Girder	217.0321	0.95	1	1	5.182715
Lane_serv_opr	BOBJ1	442.15	After	Interior Girder 1	217.0321	0.95	1	1	4.823904
Lane_serv_opr	BOBJ1	442.15	After	Interior Girder 2	217.0321	0.95	1	1	4.823904
Lane_serv_opr	BOBJ1	442.15	After	Right Exterior Girder	217.0321	0.95	1	1	5.182715
Lane_serv_opr	BOBJ1	453.6	Before	Left Exterior Girder	228.6	0.95	1	1	7.664043
Lane_serv_opr	BOBJ1	453.6	Before	Interior Girder 1	228.6	0.95	1	1	6.974232
Lane_serv_opr	BOBJ1	453.6	Before	Interior Girder 2	228.6	0.95	1	1	6.974232
Lane_serv_opr	BOBJ1	453.6	Before	Right Exterior Girder	228.6	0.95	1	1	7.664042
Lane_serv_opr	BOBJ1	453.6	After	Left Exterior Girder	228.6	0.95	1	1	7.485872
Lane_serv_opr	BOBJ1	453.6	After	Interior Girder 1	228.6	0.95	1	1	6.955644
Lane_serv_opr	BOBJ1	453.6	After	Interior Girder 2	228.6	0.95	1	1	6.955644
Lane_serv_opr	BOBJ1	453.6	After	Right Exterior Girder	228.6	0.95	1	1	7.485872
Lane_serv_opr	BOBJ1	463.0439	Before	Left Exterior Girder	238.0439	0.95	1	1	10.730645
Lane_serv_opr	BOBJ1	463.0439	Before	Interior Girder 1	238.0439	0.95	1	1	9.66652
Lane_serv_opr	BOBJ1	463.0439	Before	Interior Girder 2	238.0439	0.95	1	1	9.66652
Lane_serv_opr	BOBJ1	463.0439	Before	Right Exterior Girder	238.0439	0.95	1	1	10.730644
Lane_serv_opr	BOBJ1	463.0439	After	Left Exterior Girder	238.0439	0.95	1	1	4.025481
Lane_serv_opr	BOBJ1	463.0439	After	Interior Girder 1	238.0439	0.95	1	1	3.662784
Lane_serv_opr	BOBJ1	463.0439	After	Interior Girder 2	238.0439	0.95	1	1	3.662784
Lane_serv_opr	BOBJ1	463.0439	After	Right Exterior Girder	238.0439	0.95	1	1	4.02548
Lane_serv_opr	BOBJ1	465	Before	Left Exterior Girder	240	0.95	1	1	4.543133
Lane_serv_opr	BOBJ1	465	Before	Interior Girder 1	240	0.95	1	1	4.153107
Lane_serv_opr	BOBJ1	465	Before	Interior Girder 2	240	0.95	1	1	4.153107
Lane_serv_opr	BOBJ1	465	Before	Right Exterior Girder	240	0.95	1	1	4.543133
Lane_serv_opr	BOBJ1	465	After	Left Exterior Girder	240	0.95	1	1	4.541067
Lane_serv_opr	BOBJ1	465	After	Interior Girder 1	240	0.95	1	1	4.154397
Lane_serv_opr	BOBJ1	465	After	Interior Girder 2	240	0.95	1	1	4.154397
Lane_serv_opr	BOBJ1	465	After	Right Exterior Girder	240	0.95	1	1	4.541067
Lane_serv_opr	BOBJ1	476.4	Before	Left Exterior Girder	251.4	0.95	1	1	8.430384
Lane_serv_opr	BOBJ1	476.4	Before	Interior Girder 1	251.4	0.95	1	1	8.313574
Lane_serv_opr	BOBJ1	476.4	Before	Interior Girder 2	251.4	0.95	1	1	8.313574
Lane_serv_opr	BOBJ1	476.4	Before	Right Exterior Girder	251.4	0.95	1	1	8.430383
Lane_serv_opr	BOBJ1	476.4	After	Left Exterior Girder	251.4	0.95	1	1	8.51187
Lane_serv_opr	BOBJ1	476.4	After	Interior Girder 1	251.4	0.95	1	1	8.000663
Lane_serv_opr	BOBJ1	476.4	After	Interior Girder 2	251.4	0.95	1	1	8.000663
Lane_serv_opr	BOBJ1	476.4	After	Right Exterior Girder	251.4	0.95	1	1	8.51187
Lane_serv_opr	BOBJ1	487.85	Before	Left Exterior Girder	262.85	0.95	1	1	7.691967
Lane_serv_opr	BOBJ1	487.85	Before	Interior Girder 1	262.85	0.95	1	1	7.653917
Lane_serv_opr	BOBJ1	487.85	Before	Interior Girder 2	262.85	0.95	1	1	7.653917
Lane_serv_opr	BOBJ1	487.85	Before	Right Exterior Girder	262.85	0.95	1	1	7.691967

TABLE: Bridge Super Rating AASHTORATE18 26 - SteelINonCompServ-Flx - Main Span Girders									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Lane_serv_opr	BOBJ1	487.85	After	Left Exterior Girder	262.85	0.95	1	1	7.709428
Lane_serv_opr	BOBJ1	487.85	After	Interior Girder 1	262.85	0.95	1	1	7.632839
Lane_serv_opr	BOBJ1	487.85	After	Interior Girder 2	262.85	0.95	1	1	7.632839
Lane_serv_opr	BOBJ1	487.85	After	Right Exterior Girder	262.85	0.95	1	1	7.709428
Lane_serv_opr	BOBJ1	496.3126	Before	Left Exterior Girder	271.3126	0.95	1	1	4.484854
Lane_serv_opr	BOBJ1	496.3126	Before	Interior Girder 1	271.3126	0.95	1	1	4.478406
Lane_serv_opr	BOBJ1	496.3126	Before	Interior Girder 2	271.3126	0.95	1	1	4.478406
Lane_serv_opr	BOBJ1	496.3126	Before	Right Exterior Girder	271.3126	0.95	1	1	4.484855
Lane_serv_opr	BOBJ1	496.3126	After	Left Exterior Girder	271.3126	0.95	1	1	10.475285
Lane_serv_opr	BOBJ1	496.3126	After	Interior Girder 1	271.3126	0.95	1	1	10.355929
Lane_serv_opr	BOBJ1	496.3126	After	Interior Girder 2	271.3126	0.95	1	1	10.355928
Lane_serv_opr	BOBJ1	496.3126	After	Right Exterior Girder	271.3126	0.95	1	1	10.475286
Lane_serv_opr	BOBJ1	499.3	Before	Left Exterior Girder	274.3	0.95	1	1	8.997494
Lane_serv_opr	BOBJ1	499.3	Before	Interior Girder 1	274.3	0.95	1	1	8.999016
Lane_serv_opr	BOBJ1	499.3	Before	Interior Girder 2	274.3	0.95	1	1	8.999015
Lane_serv_opr	BOBJ1	499.3	Before	Right Exterior Girder	274.3	0.95	1	1	8.997494
Lane_serv_opr	BOBJ1	499.3	After	Left Exterior Girder	274.3	0.95	1	1	9.174335
Lane_serv_opr	BOBJ1	499.3	After	Interior Girder 1	274.3	0.95	1	1	8.894674
Lane_serv_opr	BOBJ1	499.3	After	Interior Girder 2	274.3	0.95	1	1	8.894674
Lane_serv_opr	BOBJ1	499.3	After	Right Exterior Girder	274.3	0.95	1	1	9.174335
Lane_serv_opr	BOBJ1	503.8969	Before	Left Exterior Girder	278.8969	0.95	1	1	7.118088
Lane_serv_opr	BOBJ1	503.8969	Before	Interior Girder 1	278.8969	0.95	1	1	7.009103
Lane_serv_opr	BOBJ1	503.8969	Before	Interior Girder 2	278.8969	0.95	1	1	7.009103
Lane_serv_opr	BOBJ1	503.8969	Before	Right Exterior Girder	278.8969	0.95	1	1	7.118088
Lane_serv_opr	BOBJ1	503.8969	After	Left Exterior Girder	278.8969	0.95	1	1	13.361568
Lane_serv_opr	BOBJ1	503.8969	After	Interior Girder 1	278.8969	0.95	1	1	13.114787
Lane_serv_opr	BOBJ1	503.8969	After	Interior Girder 2	278.8969	0.95	1	1	13.114787
Lane_serv_opr	BOBJ1	503.8969	After	Right Exterior Girder	278.8969	0.95	1	1	13.361568
Lane_serv_opr	BOBJ1	510.7	Before	Left Exterior Girder	285.7	0.95	1	1	9.871592
Lane_serv_opr	BOBJ1	510.7	Before	Interior Girder 1	285.7	0.95	1	1	9.789257
Lane_serv_opr	BOBJ1	510.7	Before	Interior Girder 2	285.7	0.95	1	1	9.789257
Lane_serv_opr	BOBJ1	510.7	Before	Right Exterior Girder	285.7	0.95	1	1	9.871592
Lane_serv_opr	BOBJ1	510.7	After	Left Exterior Girder	285.7	0.95	1	1	9.887777
Lane_serv_opr	BOBJ1	510.7	After	Interior Girder 1	285.7	0.95	1	1	9.784355
Lane_serv_opr	BOBJ1	510.7	After	Interior Girder 2	285.7	0.95	1	1	9.784355
Lane_serv_opr	BOBJ1	510.7	After	Right Exterior Girder	285.7	0.95	1	1	9.887777
Lane_serv_opr	BOBJ1	511.4811	Before	Left Exterior Girder	286.4811	0.95	1	1	9.525389
Lane_serv_opr	BOBJ1	511.4811	Before	Interior Girder 1	286.4811	0.95	1	1	9.448873
Lane_serv_opr	BOBJ1	511.4811	Before	Interior Girder 2	286.4811	0.95	1	1	9.448874
Lane_serv_opr	BOBJ1	511.4811	Before	Right Exterior Girder	286.4811	0.95	1	1	9.525389
Lane_serv_opr	BOBJ1	511.4811	After	Left Exterior Girder	286.4811	0.95	1	1	13.929856
Lane_serv_opr	BOBJ1	511.4811	After	Interior Girder 1	286.4811	0.95	1	1	13.79273
Lane_serv_opr	BOBJ1	511.4811	After	Interior Girder 2	286.4811	0.95	1	1	13.79273
Lane_serv_opr	BOBJ1	511.4811	After	Right Exterior Girder	286.4811	0.95	1	1	13.929856
Lane_serv_opr	BOBJ1	522.1	Before	Left Exterior Girder	297.1	0.95	1	1	9.066353
Lane_serv_opr	BOBJ1	522.1	Before	Interior Girder 1	297.1	0.95	1	1	8.908493
Lane_serv_opr	BOBJ1	522.1	Before	Interior Girder 2	297.1	0.95	1	1	8.908494
Lane_serv_opr	BOBJ1	522.1	Before	Right Exterior Girder	297.1	0.95	1	1	9.066353
Lane_serv_opr	BOBJ1	522.1	After	Left Exterior Girder	297.1	0.95	1	1	9.218652
Lane_serv_opr	BOBJ1	522.1	After	Interior Girder 1	297.1	0.95	1	1	8.931646
Lane_serv_opr	BOBJ1	522.1	After	Interior Girder 2	297.1	0.95	1	1	8.931647
Lane_serv_opr	BOBJ1	522.1	After	Right Exterior Girder	297.1	0.95	1	1	9.218652
Lane_serv_opr	BOBJ1	530.4918	Before	Left Exterior Girder	305.4918	0.95	1	1	6.397378
Lane_serv_opr	BOBJ1	530.4918	Before	Interior Girder 1	305.4918	0.95	1	1	6.112625
Lane_serv_opr	BOBJ1	530.4918	Before	Interior Girder 2	305.4918	0.95	1	1	6.112625
Lane_serv_opr	BOBJ1	530.4918	Before	Right Exterior Girder	305.4918	0.95	1	1	6.397378
Lane_serv_opr	BOBJ1	530.4918	After	Left Exterior Girder	305.4918	0.95	1	1	9.283958
Lane_serv_opr	BOBJ1	530.4918	After	Interior Girder 1	305.4918	0.95	1	1	8.872686
Lane_serv_opr	BOBJ1	530.4918	After	Interior Girder 2	305.4918	0.95	1	1	8.872686
Lane_serv_opr	BOBJ1	530.4918	After	Right Exterior Girder	305.4918	0.95	1	1	9.283958
Lane_serv_opr	BOBJ1	533.55	Before	Left Exterior Girder	308.55	0.95	1	1	8.261807
Lane_serv_opr	BOBJ1	533.55	Before	Interior Girder 1	308.55	0.95	1	1	7.837015
Lane_serv_opr	BOBJ1	533.55	Before	Interior Girder 2	308.55	0.95	1	1	7.837015
Lane_serv_opr	BOBJ1	533.55	Before	Right Exterior Girder	308.55	0.95	1	1	8.261807
Lane_serv_opr	BOBJ1	533.55	After	Left Exterior Girder	308.55	0.95	1	1	8.247259
Lane_serv_opr	BOBJ1	533.55	After	Interior Girder 1	308.55	0.95	1	1	7.842573
Lane_serv_opr	BOBJ1	533.55	After	Interior Girder 2	308.55	0.95	1	1	7.842573
Lane_serv_opr	BOBJ1	533.55	After	Right Exterior Girder	308.55	0.95	1	1	8.247259
Lane_serv_opr	BOBJ1	545	Before	Left Exterior Girder	320	0.95	1	1	5.182052
Lane_serv_opr	BOBJ1	545	Before	Interior Girder 1	320	0.95	1	1	4.708709

TABLE: Bridge Super Rating AASHTORATE18 26 - SteelINonCompServ-Flx - Main Span Girders									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Lane_serv_opr	BOBJ1	545	Before	Interior Girder 2	320	0.95	1	1	4.708709
Lane_serv_opr	BOBJ1	545	Before	Right Exterior Girder	320	0.95	1	1	5.182052
Lane_serv_opr	BOBJ1	545	After	Left Exterior Girder	0	0.95	1	1	5.555157
Lane_serv_opr	BOBJ1	545	After	Interior Girder 1	0	0.95	1	1	4.716325
Lane_serv_opr	BOBJ1	545	After	Interior Girder 2	0	0.95	1	1	4.716325
Lane_serv_opr	BOBJ1	545	After	Right Exterior Girder	0	0.95	1	1	5.555156
Lane_serv_opr	BOBJ1	556.25	Before	Left Exterior Girder	11.25	0.95	1	1	8.341778
Lane_serv_opr	BOBJ1	556.25	Before	Interior Girder 1	11.25	0.95	1	1	7.289755
Lane_serv_opr	BOBJ1	556.25	Before	Interior Girder 2	11.25	0.95	1	1	7.289755
Lane_serv_opr	BOBJ1	556.25	Before	Right Exterior Girder	11.25	0.95	1	1	8.341778
Lane_serv_opr	BOBJ1	556.25	After	Left Exterior Girder	11.25	0.95	1	1	8.336563
Lane_serv_opr	BOBJ1	556.25	After	Interior Girder 1	11.25	0.95	1	1	7.285797
Lane_serv_opr	BOBJ1	556.25	After	Interior Girder 2	11.25	0.95	1	1	7.285797
Lane_serv_opr	BOBJ1	556.25	After	Right Exterior Girder	11.25	0.95	1	1	8.336562
Lane_serv_opr	BOBJ1	559.4358	Before	Left Exterior Girder	14.4358	0.95	1	1	9.272964
Lane_serv_opr	BOBJ1	559.4358	Before	Interior Girder 1	14.4358	0.95	1	1	8.147754
Lane_serv_opr	BOBJ1	559.4358	Before	Interior Girder 2	14.4358	0.95	1	1	8.147754
Lane_serv_opr	BOBJ1	559.4358	Before	Right Exterior Girder	14.4358	0.95	1	1	9.272963
Lane_serv_opr	BOBJ1	559.4358	After	Left Exterior Girder	14.4358	0.95	1	1	6.305346
Lane_serv_opr	BOBJ1	559.4358	After	Interior Girder 1	14.4358	0.95	1	1	5.514053
Lane_serv_opr	BOBJ1	559.4358	After	Interior Girder 2	14.4358	0.95	1	1	5.514053
Lane_serv_opr	BOBJ1	559.4358	After	Right Exterior Girder	14.4358	0.95	1	1	6.305346
Lane_serv_opr	BOBJ1	567.5	Before	Left Exterior Girder	22.5	0.95	1	1	8.558383
Lane_serv_opr	BOBJ1	567.5	Before	Interior Girder 1	22.5	0.95	1	1	7.534005
Lane_serv_opr	BOBJ1	567.5	Before	Interior Girder 2	22.5	0.95	1	1	7.534005
Lane_serv_opr	BOBJ1	567.5	Before	Right Exterior Girder	22.5	0.95	1	1	8.558382
Lane_serv_opr	BOBJ1	567.5	After	Left Exterior Girder	22.5	0.95	1	1	8.495141
Lane_serv_opr	BOBJ1	567.5	After	Interior Girder 1	22.5	0.95	1	1	7.547225
Lane_serv_opr	BOBJ1	567.5	After	Interior Girder 2	22.5	0.95	1	1	7.547225
Lane_serv_opr	BOBJ1	567.5	After	Right Exterior Girder	22.5	0.95	1	1	8.495141
Lane_serv_opr	BOBJ1	570.0586	Before	Left Exterior Girder	25.0586	0.95	1	1	9.304598
Lane_serv_opr	BOBJ1	570.0586	Before	Interior Girder 1	25.0586	0.95	1	1	8.267403
Lane_serv_opr	BOBJ1	570.0586	Before	Interior Girder 2	25.0586	0.95	1	1	8.267403
Lane_serv_opr	BOBJ1	570.0586	Before	Right Exterior Girder	25.0586	0.95	1	1	9.304598
Lane_serv_opr	BOBJ1	570.0586	After	Left Exterior Girder	25.0586	0.95	1	1	5.70717
Lane_serv_opr	BOBJ1	570.0586	After	Interior Girder 1	25.0586	0.95	1	1	5.055712
Lane_serv_opr	BOBJ1	570.0586	After	Interior Girder 2	25.0586	0.95	1	1	5.055712
Lane_serv_opr	BOBJ1	570.0586	After	Right Exterior Girder	25.0586	0.95	1	1	5.70717
Lane_serv_opr	BOBJ1	578.75	Before	Left Exterior Girder	33.75	0.95	1	1	8.050518
Lane_serv_opr	BOBJ1	578.75	Before	Interior Girder 1	33.75	0.95	1	1	7.228051
Lane_serv_opr	BOBJ1	578.75	Before	Interior Girder 2	33.75	0.95	1	1	7.228051
Lane_serv_opr	BOBJ1	578.75	Before	Right Exterior Girder	33.75	0.95	1	1	8.050518
Lane_serv_opr	BOBJ1	578.75	After	Left Exterior Girder	33.75	0.95	1	1	8.017942
Lane_serv_opr	BOBJ1	578.75	After	Interior Girder 1	33.75	0.95	1	1	7.238751
Lane_serv_opr	BOBJ1	578.75	After	Interior Girder 2	33.75	0.95	1	1	7.238751
Lane_serv_opr	BOBJ1	578.75	After	Right Exterior Girder	33.75	0.95	1	1	8.017941
Lane_serv_opr	BOBJ1	586.8142	Before	Left Exterior Girder	41.8142	0.95	1	1	10.376336
Lane_serv_opr	BOBJ1	586.8142	Before	Interior Girder 1	41.8142	0.95	1	1	9.50545
Lane_serv_opr	BOBJ1	586.8142	Before	Interior Girder 2	41.8142	0.95	1	1	9.50545
Lane_serv_opr	BOBJ1	586.8142	Before	Right Exterior Girder	41.8142	0.95	1	1	10.376335
Lane_serv_opr	BOBJ1	586.8142	After	Left Exterior Girder	41.8142	0.95	1	1	4.954856
Lane_serv_opr	BOBJ1	586.8142	After	Interior Girder 1	41.8142	0.95	1	1	4.549323
Lane_serv_opr	BOBJ1	586.8142	After	Interior Girder 2	41.8142	0.95	1	1	4.549323
Lane_serv_opr	BOBJ1	586.8142	After	Right Exterior Girder	41.8142	0.95	1	1	4.954856
Lane_serv_opr	BOBJ1	590	Before	Left Exterior Girder	45	0.95	1	1	5.702714
Lane_serv_opr	BOBJ1	590	Before	Interior Girder 1	45	0.95	1	1	5.263552
Lane_serv_opr	BOBJ1	590	Before	Interior Girder 2	45	0.95	1	1	5.263552
Lane_serv_opr	BOBJ1	590	Before	Right Exterior Girder	45	0.95	1	1	5.702714
Lane_serv_opr	BOBJ1	590	After	Left Exterior Girder	45	0.95	1	1	5.635104
Lane_serv_opr	BOBJ1	590	After	Interior Girder 1	45	0.95	1	1	5.319963
Lane_serv_opr	BOBJ1	590	After	Interior Girder 2	45	0.95	1	1	5.319963
Lane_serv_opr	BOBJ1	590	After	Right Exterior Girder	45	0.95	1	1	5.635103
Lane_serv_opr	BOBJ1	601.25	Before	Left Exterior Girder	56.25	0.95	1	1	8.319152
Lane_serv_opr	BOBJ1	601.25	Before	Interior Girder 1	56.25	0.95	1	1	7.924873
Lane_serv_opr	BOBJ1	601.25	Before	Interior Girder 2	56.25	0.95	1	1	7.924873
Lane_serv_opr	BOBJ1	601.25	Before	Right Exterior Girder	56.25	0.95	1	1	8.319151
Lane_serv_opr	BOBJ1	601.25	After	Left Exterior Girder	56.25	0.95	1	1	8.303926
Lane_serv_opr	BOBJ1	601.25	After	Interior Girder 1	56.25	0.95	1	1	7.938978
Lane_serv_opr	BOBJ1	601.25	After	Interior Girder 2	56.25	0.95	1	1	7.938978
Lane_serv_opr	BOBJ1	601.25	After	Right Exterior Girder	56.25	0.95	1	1	8.303925

TABLE: Bridge Super Rating AASHTORATE18 26 - SteelNonCompServ-Flx - Main Span Girders									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Lane_serv_opr	BOBJ1	601.7478	Before	Left Exterior Girder	56.7478	0.95	1	1	8.420946
Lane_serv_opr	BOBJ1	601.7478	Before	Interior Girder 1	56.7478	0.95	1	1	8.052202
Lane_serv_opr	BOBJ1	601.7478	Before	Interior Girder 2	56.7478	0.95	1	1	8.052202
Lane_serv_opr	BOBJ1	601.7478	Before	Right Exterior Girder	56.7478	0.95	1	1	8.420945
Lane_serv_opr	BOBJ1	601.7478	After	Left Exterior Girder	56.7478	0.95	1	1	3.347273
Lane_serv_opr	BOBJ1	601.7478	After	Interior Girder 1	56.7478	0.95	1	1	3.227153
Lane_serv_opr	BOBJ1	601.7478	After	Interior Girder 2	56.7478	0.95	1	1	3.227153
Lane_serv_opr	BOBJ1	601.7478	After	Right Exterior Girder	56.7478	0.95	1	1	3.347273
Lane_serv_opr	BOBJ1	612.5	Before	Left Exterior Girder	67.5	0.95	1	1	5.426925
Lane_serv_opr	BOBJ1	612.5	Before	Interior Girder 1	67.5	0.95	1	1	5.263114
Lane_serv_opr	BOBJ1	612.5	Before	Interior Girder 2	67.5	0.95	1	1	5.263114
Lane_serv_opr	BOBJ1	612.5	Before	Right Exterior Girder	67.5	0.95	1	1	5.426925
Lane_serv_opr	BOBJ1	612.5	After	Left Exterior Girder	67.5	0.95	1	1	5.367029
Lane_serv_opr	BOBJ1	612.5	After	Interior Girder 1	67.5	0.95	1	1	5.247004
Lane_serv_opr	BOBJ1	612.5	After	Interior Girder 2	67.5	0.95	1	1	5.247004
Lane_serv_opr	BOBJ1	612.5	After	Right Exterior Girder	67.5	0.95	1	1	5.367029
Lane_serv_opr	BOBJ1	623.75	Before	Left Exterior Girder	78.75	0.95	1	1	7.592512
Lane_serv_opr	BOBJ1	623.75	Before	Interior Girder 1	78.75	0.95	1	1	7.181967
Lane_serv_opr	BOBJ1	623.75	Before	Interior Girder 2	78.75	0.95	1	1	7.181967
Lane_serv_opr	BOBJ1	623.75	Before	Right Exterior Girder	78.75	0.95	1	1	7.592512
Lane_serv_opr	BOBJ1	623.75	After	Left Exterior Girder	78.75	0.95	1	1	7.577737
Lane_serv_opr	BOBJ1	623.75	After	Interior Girder 1	78.75	0.95	1	1	7.176646
Lane_serv_opr	BOBJ1	623.75	After	Interior Girder 2	78.75	0.95	1	1	7.176646
Lane_serv_opr	BOBJ1	623.75	After	Right Exterior Girder	78.75	0.95	1	1	7.577737
Lane_serv_opr	BOBJ1	635	Before	Left Exterior Girder	90	0.95	1	1	5.620902
Lane_serv_opr	BOBJ1	635	Before	Interior Girder 1	90	0.95	1	1	5.20371
Lane_serv_opr	BOBJ1	635	Before	Interior Girder 2	90	0.95	1	1	5.20371
Lane_serv_opr	BOBJ1	635	Before	Right Exterior Girder	90	0.95	1	1	5.620902
Lane_serv_opr	BOBJ1	635	After	Left Exterior Girder	90	0.95	1	1	5.717296
Lane_serv_opr	BOBJ1	635	After	Interior Girder 1	90	0.95	1	1	5.236391
Lane_serv_opr	BOBJ1	635	After	Interior Girder 2	90	0.95	1	1	5.23639
Lane_serv_opr	BOBJ1	635	After	Right Exterior Girder	90	0.95	1	1	5.717296
Lane_serv_opr	BOBJ1	643.5619	Before	Left Exterior Girder	98.5619	0.95	1	1	4.482115
Lane_serv_opr	BOBJ1	643.5619	Before	Interior Girder 1	98.5619	0.95	1	1	4.154218
Lane_serv_opr	BOBJ1	643.5619	Before	Interior Girder 2	98.5619	0.95	1	1	4.154218
Lane_serv_opr	BOBJ1	643.5619	Before	Right Exterior Girder	98.5619	0.95	1	1	4.482115
Lane_serv_opr	BOBJ1	643.5619	After	Left Exterior Girder	98.5619	0.95	1	1	8.492331
Lane_serv_opr	BOBJ1	643.5619	After	Interior Girder 1	98.5619	0.95	1	1	7.832954
Lane_serv_opr	BOBJ1	643.5619	After	Interior Girder 2	98.5619	0.95	1	1	7.832953
Lane_serv_opr	BOBJ1	643.5619	After	Right Exterior Girder	98.5619	0.95	1	1	8.492331
Lane_serv_opr	BOBJ1	646.25	Before	Left Exterior Girder	101.25	0.95	1	1	8.09286
Lane_serv_opr	BOBJ1	646.25	Before	Interior Girder 1	101.25	0.95	1	1	7.504213
Lane_serv_opr	BOBJ1	646.25	Before	Interior Girder 2	101.25	0.95	1	1	7.504212
Lane_serv_opr	BOBJ1	646.25	Before	Right Exterior Girder	101.25	0.95	1	1	8.09286
Lane_serv_opr	BOBJ1	646.25	After	Left Exterior Girder	101.25	0.95	1	1	8.092842
Lane_serv_opr	BOBJ1	646.25	After	Interior Girder 1	101.25	0.95	1	1	7.506003
Lane_serv_opr	BOBJ1	646.25	After	Interior Girder 2	101.25	0.95	1	1	7.506002
Lane_serv_opr	BOBJ1	646.25	After	Right Exterior Girder	101.25	0.95	1	1	8.092842
Lane_serv_opr	BOBJ1	657.5	Before	Left Exterior Girder	112.5	0.95	1	1	6.798452
Lane_serv_opr	BOBJ1	657.5	Before	Interior Girder 1	112.5	0.95	1	1	6.457316
Lane_serv_opr	BOBJ1	657.5	Before	Interior Girder 2	112.5	0.95	1	1	6.457316
Lane_serv_opr	BOBJ1	657.5	Before	Right Exterior Girder	112.5	0.95	1	1	6.798453
Lane_serv_opr	BOBJ1	657.5	After	Left Exterior Girder	112.5	0.95	1	1	6.827021
Lane_serv_opr	BOBJ1	657.5	After	Interior Girder 1	112.5	0.95	1	1	6.46161
Lane_serv_opr	BOBJ1	657.5	After	Interior Girder 2	112.5	0.95	1	1	6.46161
Lane_serv_opr	BOBJ1	657.5	After	Right Exterior Girder	112.5	0.95	1	1	6.827021
Lane_serv_opr	BOBJ1	668.75	Before	Left Exterior Girder	123.75	0.95	1	1	6.091646
Lane_serv_opr	BOBJ1	668.75	Before	Interior Girder 1	123.75	0.95	1	1	5.780321
Lane_serv_opr	BOBJ1	668.75	Before	Interior Girder 2	123.75	0.95	1	1	5.780321
Lane_serv_opr	BOBJ1	668.75	Before	Right Exterior Girder	123.75	0.95	1	1	6.091646
Lane_serv_opr	BOBJ1	668.75	After	Left Exterior Girder	123.75	0.95	1	1	6.094815
Lane_serv_opr	BOBJ1	668.75	After	Interior Girder 1	123.75	0.95	1	1	5.777604
Lane_serv_opr	BOBJ1	668.75	After	Interior Girder 2	123.75	0.95	1	1	5.777604
Lane_serv_opr	BOBJ1	668.75	After	Right Exterior Girder	123.75	0.95	1	1	6.094815
Lane_serv_opr	BOBJ1	680	Before	Left Exterior Girder	135	0.95	1	1	5.69506
Lane_serv_opr	BOBJ1	680	Before	Interior Girder 1	135	0.95	1	1	5.468107
Lane_serv_opr	BOBJ1	680	Before	Interior Girder 2	135	0.95	1	1	5.468107
Lane_serv_opr	BOBJ1	680	Before	Right Exterior Girder	135	0.95	1	1	5.695059
Lane_serv_opr	BOBJ1	680	After	Left Exterior Girder	135	0.95	1	1	5.681712
Lane_serv_opr	BOBJ1	680	After	Interior Girder 1	135	0.95	1	1	5.464538

TABLE: Bridge Super Rating AASHTORATE18 26 - SteelINonCompServ-Flx - Main Span Girders									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Lane_serv_opr	BOBJ1	680	After	Interior Girder 2	135	0.95	1	1	5.464538
Lane_serv_opr	BOBJ1	680	After	Right Exterior Girder	135	0.95	1	1	5.681712
Lane_serv_opr	BOBJ1	691.25	Before	Left Exterior Girder	146.25	0.95	1	1	5.700418
Lane_serv_opr	BOBJ1	691.25	Before	Interior Girder 1	146.25	0.95	1	1	5.440696
Lane_serv_opr	BOBJ1	691.25	Before	Interior Girder 2	146.25	0.95	1	1	5.440697
Lane_serv_opr	BOBJ1	691.25	Before	Right Exterior Girder	146.25	0.95	1	1	5.700418
Lane_serv_opr	BOBJ1	691.25	After	Left Exterior Girder	146.25	0.95	1	1	5.695744
Lane_serv_opr	BOBJ1	691.25	After	Interior Girder 1	146.25	0.95	1	1	5.442267
Lane_serv_opr	BOBJ1	691.25	After	Interior Girder 2	146.25	0.95	1	1	5.442267
Lane_serv_opr	BOBJ1	691.25	After	Right Exterior Girder	146.25	0.95	1	1	5.695744
Lane_serv_opr	BOBJ1	702.5	Before	Left Exterior Girder	157.5	0.95	1	1	6.059059
Lane_serv_opr	BOBJ1	702.5	Before	Interior Girder 1	157.5	0.95	1	1	5.80786
Lane_serv_opr	BOBJ1	702.5	Before	Interior Girder 2	157.5	0.95	1	1	5.80786
Lane_serv_opr	BOBJ1	702.5	Before	Right Exterior Girder	157.5	0.95	1	1	6.059059
Lane_serv_opr	BOBJ1	702.5	After	Left Exterior Girder	157.5	0.95	1	1	5.981622
Lane_serv_opr	BOBJ1	702.5	After	Interior Girder 1	157.5	0.95	1	1	5.774147
Lane_serv_opr	BOBJ1	702.5	After	Interior Girder 2	157.5	0.95	1	1	5.774148
Lane_serv_opr	BOBJ1	702.5	After	Right Exterior Girder	157.5	0.95	1	1	5.981621
Lane_serv_opr	BOBJ1	713.75	Before	Left Exterior Girder	168.75	0.95	1	1	6.917885
Lane_serv_opr	BOBJ1	713.75	Before	Interior Girder 1	168.75	0.95	1	1	6.564385
Lane_serv_opr	BOBJ1	713.75	Before	Interior Girder 2	168.75	0.95	1	1	6.564385
Lane_serv_opr	BOBJ1	713.75	Before	Right Exterior Girder	168.75	0.95	1	1	6.917884
Lane_serv_opr	BOBJ1	713.75	After	Left Exterior Girder	168.75	0.95	1	1	6.903338
Lane_serv_opr	BOBJ1	713.75	After	Interior Girder 1	168.75	0.95	1	1	6.570464
Lane_serv_opr	BOBJ1	713.75	After	Interior Girder 2	168.75	0.95	1	1	6.570464
Lane_serv_opr	BOBJ1	713.75	After	Right Exterior Girder	168.75	0.95	1	1	6.903337
Lane_serv_opr	BOBJ1	725	Before	Left Exterior Girder	180	0.95	1	1	8.595205
Lane_serv_opr	BOBJ1	725	Before	Interior Girder 1	180	0.95	1	1	8.134859
Lane_serv_opr	BOBJ1	725	Before	Interior Girder 2	180	0.95	1	1	8.13486
Lane_serv_opr	BOBJ1	725	Before	Right Exterior Girder	180	0.95	1	1	8.595203
Lane_serv_opr	BOBJ1	725	After	Left Exterior Girder	180	0.95	1	1	8.438957
Lane_serv_opr	BOBJ1	725	After	Interior Girder 1	180	0.95	1	1	8.069919
Lane_serv_opr	BOBJ1	725	After	Interior Girder 2	180	0.95	1	1	8.069919
Lane_serv_opr	BOBJ1	725	After	Right Exterior Girder	180	0.95	1	1	8.438957
Lane_serv_opr	BOBJ1	731.1726	Before	Left Exterior Girder	186.1726	0.95	1	1	9.978461
Lane_serv_opr	BOBJ1	731.1726	Before	Interior Girder 1	186.1726	0.95	1	1	9.387216
Lane_serv_opr	BOBJ1	731.1726	Before	Interior Girder 2	186.1726	0.95	1	1	9.387216
Lane_serv_opr	BOBJ1	731.1726	Before	Right Exterior Girder	186.1726	0.95	1	1	9.978461
Lane_serv_opr	BOBJ1	731.1726	After	Left Exterior Girder	186.1726	0.95	1	1	4.278763
Lane_serv_opr	BOBJ1	731.1726	After	Interior Girder 1	186.1726	0.95	1	1	4.047941
Lane_serv_opr	BOBJ1	731.1726	After	Interior Girder 2	186.1726	0.95	1	1	4.047941
Lane_serv_opr	BOBJ1	731.1726	After	Right Exterior Girder	186.1726	0.95	1	1	4.278763
Lane_serv_opr	BOBJ1	736.25	Before	Left Exterior Girder	191.25	0.95	1	1	5.324495
Lane_serv_opr	BOBJ1	736.25	Before	Interior Girder 1	191.25	0.95	1	1	4.959809
Lane_serv_opr	BOBJ1	736.25	Before	Interior Girder 2	191.25	0.95	1	1	4.959809
Lane_serv_opr	BOBJ1	736.25	Before	Right Exterior Girder	191.25	0.95	1	1	5.324495
Lane_serv_opr	BOBJ1	736.25	After	Left Exterior Girder	191.25	0.95	1	1	5.304526
Lane_serv_opr	BOBJ1	736.25	After	Interior Girder 1	191.25	0.95	1	1	4.971578
Lane_serv_opr	BOBJ1	736.25	After	Interior Girder 2	191.25	0.95	1	1	4.971578
Lane_serv_opr	BOBJ1	736.25	After	Right Exterior Girder	191.25	0.95	1	1	5.304526
Lane_serv_opr	BOBJ1	747.5	Before	Left Exterior Girder	202.5	0.95	1	1	9.505014
Lane_serv_opr	BOBJ1	747.5	Before	Interior Girder 1	202.5	0.95	1	1	8.718392
Lane_serv_opr	BOBJ1	747.5	Before	Interior Girder 2	202.5	0.95	1	1	8.718393
Lane_serv_opr	BOBJ1	747.5	Before	Right Exterior Girder	202.5	0.95	1	1	9.505014
Lane_serv_opr	BOBJ1	747.5	After	Left Exterior Girder	202.5	0.95	1	1	9.053817
Lane_serv_opr	BOBJ1	747.5	After	Interior Girder 1	202.5	0.95	1	1	8.459904
Lane_serv_opr	BOBJ1	747.5	After	Interior Girder 2	202.5	0.95	1	1	8.459904
Lane_serv_opr	BOBJ1	747.5	After	Right Exterior Girder	202.5	0.95	1	1	9.053815
Lane_serv_opr	BOBJ1	758.75	Before	Left Exterior Girder	213.75	0.95	1	1	22.167552
Lane_serv_opr	BOBJ1	758.75	Before	Interior Girder 1	213.75	0.95	1	1	19.775339
Lane_serv_opr	BOBJ1	758.75	Before	Interior Girder 2	213.75	0.95	1	1	19.775341
Lane_serv_opr	BOBJ1	758.75	Before	Right Exterior Girder	213.75	0.95	1	1	22.167544
Lane_serv_opr	BOBJ1	758.75	After	Left Exterior Girder	213.75	0.95	1	1	22.089748
Lane_serv_opr	BOBJ1	758.75	After	Interior Girder 1	213.75	0.95	1	1	19.749051
Lane_serv_opr	BOBJ1	758.75	After	Interior Girder 2	213.75	0.95	1	1	19.74905
Lane_serv_opr	BOBJ1	758.75	After	Right Exterior Girder	213.75	0.95	1	1	22.08974
Lane_serv_opr	BOBJ1	770	Before	Left Exterior Girder	225	0.95	1	1	394.970746
Lane_serv_opr	BOBJ1	770	Before	Interior Girder 1	225	0.95	1	1	315.588386
Lane_serv_opr	BOBJ1	770	Before	Interior Girder 2	225	0.95	1	1	315.587178
Lane_serv_opr	BOBJ1	770	Before	Right Exterior Girder	225	0.95	1	1	394.973141

TABLE: Bridge Super Rating AASHTORATE18 26 - SteelNonCompServ-Flx - Main Span Girders									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Lane_serv_inv	BOBJ1	0	After	Left Exterior Girder	0	0.95	1	1	303.823866
Lane_serv_inv	BOBJ1	0	After	Interior Girder 1	0	0.95	1	1	242.813121
Lane_serv_inv	BOBJ1	0	After	Interior Girder 2	0	0.95	1	1	242.812994
Lane_serv_inv	BOBJ1	0	After	Right Exterior Girder	0	0.95	1	1	303.823829
Lane_serv_inv	BOBJ1	11.25	Before	Left Exterior Girder	11.25	0.95	1	1	16.992163
Lane_serv_inv	BOBJ1	11.25	Before	Interior Girder 1	11.25	0.95	1	1	15.192044
Lane_serv_inv	BOBJ1	11.25	Before	Interior Girder 2	11.25	0.95	1	1	15.192048
Lane_serv_inv	BOBJ1	11.25	Before	Right Exterior Girder	11.25	0.95	1	1	16.992162
Lane_serv_inv	BOBJ1	11.25	After	Left Exterior Girder	11.25	0.95	1	1	17.0522
Lane_serv_inv	BOBJ1	11.25	After	Interior Girder 1	11.25	0.95	1	1	15.212204
Lane_serv_inv	BOBJ1	11.25	After	Interior Girder 2	11.25	0.95	1	1	15.212206
Lane_serv_inv	BOBJ1	11.25	After	Right Exterior Girder	11.25	0.95	1	1	17.052198
Lane_serv_inv	BOBJ1	22.5	Before	Left Exterior Girder	22.5	0.95	1	1	6.964562
Lane_serv_inv	BOBJ1	22.5	Before	Interior Girder 1	22.5	0.95	1	1	6.507511
Lane_serv_inv	BOBJ1	22.5	Before	Interior Girder 2	22.5	0.95	1	1	6.507512
Lane_serv_inv	BOBJ1	22.5	Before	Right Exterior Girder	22.5	0.95	1	1	6.964562
Lane_serv_inv	BOBJ1	22.5	After	Left Exterior Girder	22.5	0.95	1	1	7.311683
Lane_serv_inv	BOBJ1	22.5	After	Interior Girder 1	22.5	0.95	1	1	6.706469
Lane_serv_inv	BOBJ1	22.5	After	Interior Girder 2	22.5	0.95	1	1	6.70647
Lane_serv_inv	BOBJ1	22.5	After	Right Exterior Girder	22.5	0.95	1	1	7.311683
Lane_serv_inv	BOBJ1	33.75	Before	Left Exterior Girder	33.75	0.95	1	1	4.080388
Lane_serv_inv	BOBJ1	33.75	Before	Interior Girder 1	33.75	0.95	1	1	3.824337
Lane_serv_inv	BOBJ1	33.75	Before	Interior Girder 2	33.75	0.95	1	1	3.824337
Lane_serv_inv	BOBJ1	33.75	Before	Right Exterior Girder	33.75	0.95	1	1	4.080388
Lane_serv_inv	BOBJ1	33.75	After	Left Exterior Girder	33.75	0.95	1	1	4.095741
Lane_serv_inv	BOBJ1	33.75	After	Interior Girder 1	33.75	0.95	1	1	3.81532
Lane_serv_inv	BOBJ1	33.75	After	Interior Girder 2	33.75	0.95	1	1	3.81532
Lane_serv_inv	BOBJ1	33.75	After	Right Exterior Girder	33.75	0.95	1	1	4.095741
Lane_serv_inv	BOBJ1	38.8274	Before	Left Exterior Girder	38.8274	0.95	1	1	3.291333
Lane_serv_inv	BOBJ1	38.8274	Before	Interior Girder 1	38.8274	0.95	1	1	3.113824
Lane_serv_inv	BOBJ1	38.8274	Before	Interior Girder 2	38.8274	0.95	1	1	3.113824
Lane_serv_inv	BOBJ1	38.8274	Before	Right Exterior Girder	38.8274	0.95	1	1	3.291333
Lane_serv_inv	BOBJ1	38.8274	After	Left Exterior Girder	38.8274	0.95	1	1	7.675709
Lane_serv_inv	BOBJ1	38.8274	After	Interior Girder 1	38.8274	0.95	1	1	7.220955
Lane_serv_inv	BOBJ1	38.8274	After	Interior Girder 2	38.8274	0.95	1	1	7.220955
Lane_serv_inv	BOBJ1	38.8274	After	Right Exterior Girder	38.8274	0.95	1	1	7.675709
Lane_serv_inv	BOBJ1	45	Before	Left Exterior Girder	45	0.95	1	1	6.491412
Lane_serv_inv	BOBJ1	45	Before	Interior Girder 1	45	0.95	1	1	6.20757
Lane_serv_inv	BOBJ1	45	Before	Interior Girder 2	45	0.95	1	1	6.20757
Lane_serv_inv	BOBJ1	45	Before	Right Exterior Girder	45	0.95	1	1	6.491412
Lane_serv_inv	BOBJ1	45	After	Left Exterior Girder	45	0.95	1	1	6.611533
Lane_serv_inv	BOBJ1	45	After	Interior Girder 1	45	0.95	1	1	6.25753
Lane_serv_inv	BOBJ1	45	After	Interior Girder 2	45	0.95	1	1	6.257529
Lane_serv_inv	BOBJ1	45	After	Right Exterior Girder	45	0.95	1	1	6.611533
Lane_serv_inv	BOBJ1	56.25	Before	Left Exterior Girder	56.25	0.95	1	1	5.310215
Lane_serv_inv	BOBJ1	56.25	Before	Interior Girder 1	56.25	0.95	1	1	5.05417
Lane_serv_inv	BOBJ1	56.25	Before	Interior Girder 2	56.25	0.95	1	1	5.05417
Lane_serv_inv	BOBJ1	56.25	Before	Right Exterior Girder	56.25	0.95	1	1	5.310215
Lane_serv_inv	BOBJ1	56.25	After	Left Exterior Girder	56.25	0.95	1	1	5.321381
Lane_serv_inv	BOBJ1	56.25	After	Interior Girder 1	56.25	0.95	1	1	5.049495
Lane_serv_inv	BOBJ1	56.25	After	Interior Girder 2	56.25	0.95	1	1	5.049494
Lane_serv_inv	BOBJ1	56.25	After	Right Exterior Girder	56.25	0.95	1	1	5.321381
Lane_serv_inv	BOBJ1	67.5	Before	Left Exterior Girder	67.5	0.95	1	1	4.60136
Lane_serv_inv	BOBJ1	67.5	Before	Interior Girder 1	67.5	0.95	1	1	4.441654
Lane_serv_inv	BOBJ1	67.5	Before	Interior Girder 2	67.5	0.95	1	1	4.441653
Lane_serv_inv	BOBJ1	67.5	Before	Right Exterior Girder	67.5	0.95	1	1	4.60136
Lane_serv_inv	BOBJ1	67.5	After	Left Exterior Girder	67.5	0.95	1	1	4.660927
Lane_serv_inv	BOBJ1	67.5	After	Interior Girder 1	67.5	0.95	1	1	4.467582
Lane_serv_inv	BOBJ1	67.5	After	Interior Girder 2	67.5	0.95	1	1	4.467582
Lane_serv_inv	BOBJ1	67.5	After	Right Exterior Girder	67.5	0.95	1	1	4.660927
Lane_serv_inv	BOBJ1	78.75	Before	Left Exterior Girder	78.75	0.95	1	1	4.381371
Lane_serv_inv	BOBJ1	78.75	Before	Interior Girder 1	78.75	0.95	1	1	4.186266
Lane_serv_inv	BOBJ1	78.75	Before	Interior Girder 2	78.75	0.95	1	1	4.186265
Lane_serv_inv	BOBJ1	78.75	Before	Right Exterior Girder	78.75	0.95	1	1	4.381371
Lane_serv_inv	BOBJ1	78.75	After	Left Exterior Girder	78.75	0.95	1	1	4.384966
Lane_serv_inv	BOBJ1	78.75	After	Interior Girder 1	78.75	0.95	1	1	4.185058
Lane_serv_inv	BOBJ1	78.75	After	Interior Girder 2	78.75	0.95	1	1	4.185057
Lane_serv_inv	BOBJ1	78.75	After	Right Exterior Girder	78.75	0.95	1	1	4.384966
Lane_serv_inv	BOBJ1	90	Before	Left Exterior Girder	90	0.95	1	1	4.370588
Lane_serv_inv	BOBJ1	90	Before	Interior Girder 1	90	0.95	1	1	4.203478

TABLE: Bridge Super Rating AASHTORATE18 26 - SteelINonCompServ-Flx - Main Span Girders									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Lane_serv_inv	BOBJ1	90	Before	Interior Girder 2	90	0.95	1	1	4.203478
Lane_serv_inv	BOBJ1	90	Before	Right Exterior Girder	90	0.95	1	1	4.370588
Lane_serv_inv	BOBJ1	90	After	Left Exterior Girder	90	0.95	1	1	4.380868
Lane_serv_inv	BOBJ1	90	After	Interior Girder 1	90	0.95	1	1	4.206224
Lane_serv_inv	BOBJ1	90	After	Interior Girder 2	90	0.95	1	1	4.206224
Lane_serv_inv	BOBJ1	90	After	Right Exterior Girder	90	0.95	1	1	4.380869
Lane_serv_inv	BOBJ1	101.25	Before	Left Exterior Girder	101.25	0.95	1	1	4.688355
Lane_serv_inv	BOBJ1	101.25	Before	Interior Girder 1	101.25	0.95	1	1	4.444292
Lane_serv_inv	BOBJ1	101.25	Before	Interior Girder 2	101.25	0.95	1	1	4.444292
Lane_serv_inv	BOBJ1	101.25	Before	Right Exterior Girder	101.25	0.95	1	1	4.688355
Lane_serv_inv	BOBJ1	101.25	After	Left Exterior Girder	101.25	0.95	1	1	4.685917
Lane_serv_inv	BOBJ1	101.25	After	Interior Girder 1	101.25	0.95	1	1	4.446387
Lane_serv_inv	BOBJ1	101.25	After	Interior Girder 2	101.25	0.95	1	1	4.446387
Lane_serv_inv	BOBJ1	101.25	After	Right Exterior Girder	101.25	0.95	1	1	4.685917
Lane_serv_inv	BOBJ1	112.5	Before	Left Exterior Girder	112.5	0.95	1	1	5.251568
Lane_serv_inv	BOBJ1	112.5	Before	Interior Girder 1	112.5	0.95	1	1	4.970471
Lane_serv_inv	BOBJ1	112.5	Before	Interior Girder 2	112.5	0.95	1	1	4.970471
Lane_serv_inv	BOBJ1	112.5	Before	Right Exterior Girder	112.5	0.95	1	1	5.251568
Lane_serv_inv	BOBJ1	112.5	After	Left Exterior Girder	112.5	0.95	1	1	5.229556
Lane_serv_inv	BOBJ1	112.5	After	Interior Girder 1	112.5	0.95	1	1	4.967158
Lane_serv_inv	BOBJ1	112.5	After	Interior Girder 2	112.5	0.95	1	1	4.967158
Lane_serv_inv	BOBJ1	112.5	After	Right Exterior Girder	112.5	0.95	1	1	5.229556
Lane_serv_inv	BOBJ1	123.75	Before	Left Exterior Girder	123.75	0.95	1	1	6.22534
Lane_serv_inv	BOBJ1	123.75	Before	Interior Girder 1	123.75	0.95	1	1	5.773883
Lane_serv_inv	BOBJ1	123.75	Before	Interior Girder 2	123.75	0.95	1	1	5.773884
Lane_serv_inv	BOBJ1	123.75	Before	Right Exterior Girder	123.75	0.95	1	1	6.225339
Lane_serv_inv	BOBJ1	123.75	After	Left Exterior Girder	123.75	0.95	1	1	6.225333
Lane_serv_inv	BOBJ1	123.75	After	Interior Girder 1	123.75	0.95	1	1	5.772511
Lane_serv_inv	BOBJ1	123.75	After	Interior Girder 2	123.75	0.95	1	1	5.772512
Lane_serv_inv	BOBJ1	123.75	After	Right Exterior Girder	123.75	0.95	1	1	6.225333
Lane_serv_inv	BOBJ1	126.4381	Before	Left Exterior Girder	126.4381	0.95	1	1	6.532675
Lane_serv_inv	BOBJ1	126.4381	Before	Interior Girder 1	126.4381	0.95	1	1	6.025399
Lane_serv_inv	BOBJ1	126.4381	Before	Interior Girder 2	126.4381	0.95	1	1	6.0254
Lane_serv_inv	BOBJ1	126.4381	Before	Right Exterior Girder	126.4381	0.95	1	1	6.532675
Lane_serv_inv	BOBJ1	126.4381	After	Left Exterior Girder	126.4381	0.95	1	1	3.447843
Lane_serv_inv	BOBJ1	126.4381	After	Interior Girder 1	126.4381	0.95	1	1	3.195585
Lane_serv_inv	BOBJ1	126.4381	After	Interior Girder 2	126.4381	0.95	1	1	3.195585
Lane_serv_inv	BOBJ1	126.4381	After	Right Exterior Girder	126.4381	0.95	1	1	3.447843
Lane_serv_inv	BOBJ1	135	Before	Left Exterior Girder	135	0.95	1	1	4.397932
Lane_serv_inv	BOBJ1	135	Before	Interior Girder 1	135	0.95	1	1	4.028001
Lane_serv_inv	BOBJ1	135	Before	Interior Girder 2	135	0.95	1	1	4.028002
Lane_serv_inv	BOBJ1	135	Before	Right Exterior Girder	135	0.95	1	1	4.397932
Lane_serv_inv	BOBJ1	135	After	Left Exterior Girder	135	0.95	1	1	4.323779
Lane_serv_inv	BOBJ1	135	After	Interior Girder 1	135	0.95	1	1	4.002846
Lane_serv_inv	BOBJ1	135	After	Interior Girder 2	135	0.95	1	1	4.002846
Lane_serv_inv	BOBJ1	135	After	Right Exterior Girder	135	0.95	1	1	4.323779
Lane_serv_inv	BOBJ1	146.25	Before	Left Exterior Girder	146.25	0.95	1	1	5.829032
Lane_serv_inv	BOBJ1	146.25	Before	Interior Girder 1	146.25	0.95	1	1	5.520509
Lane_serv_inv	BOBJ1	146.25	Before	Interior Girder 2	146.25	0.95	1	1	5.520509
Lane_serv_inv	BOBJ1	146.25	Before	Right Exterior Girder	146.25	0.95	1	1	5.829032
Lane_serv_inv	BOBJ1	146.25	After	Left Exterior Girder	146.25	0.95	1	1	5.840398
Lane_serv_inv	BOBJ1	146.25	After	Interior Girder 1	146.25	0.95	1	1	5.524594
Lane_serv_inv	BOBJ1	146.25	After	Interior Girder 2	146.25	0.95	1	1	5.524594
Lane_serv_inv	BOBJ1	146.25	After	Right Exterior Girder	146.25	0.95	1	1	5.840398
Lane_serv_inv	BOBJ1	157.5	Before	Left Exterior Girder	157.5	0.95	1	1	4.128487
Lane_serv_inv	BOBJ1	157.5	Before	Interior Girder 1	157.5	0.95	1	1	4.036166
Lane_serv_inv	BOBJ1	157.5	Before	Interior Girder 2	157.5	0.95	1	1	4.036166
Lane_serv_inv	BOBJ1	157.5	Before	Right Exterior Girder	157.5	0.95	1	1	4.128487
Lane_serv_inv	BOBJ1	157.5	After	Left Exterior Girder	157.5	0.95	1	1	4.174555
Lane_serv_inv	BOBJ1	157.5	After	Interior Girder 1	157.5	0.95	1	1	4.048558
Lane_serv_inv	BOBJ1	157.5	After	Interior Girder 2	157.5	0.95	1	1	4.048558
Lane_serv_inv	BOBJ1	157.5	After	Right Exterior Girder	157.5	0.95	1	1	4.174555
Lane_serv_inv	BOBJ1	168.2522	Before	Left Exterior Girder	168.2522	0.95	1	1	2.576962
Lane_serv_inv	BOBJ1	168.2522	Before	Interior Girder 1	168.2522	0.95	1	1	2.47998
Lane_serv_inv	BOBJ1	168.2522	Before	Interior Girder 2	168.2522	0.95	1	1	2.47998
Lane_serv_inv	BOBJ1	168.2522	Before	Right Exterior Girder	168.2522	0.95	1	1	2.576962
Lane_serv_inv	BOBJ1	168.2522	After	Left Exterior Girder	168.2522	0.95	1	1	6.48185
Lane_serv_inv	BOBJ1	168.2522	After	Interior Girder 1	168.2522	0.95	1	1	6.189743
Lane_serv_inv	BOBJ1	168.2522	After	Interior Girder 2	168.2522	0.95	1	1	6.189743
Lane_serv_inv	BOBJ1	168.2522	After	Right Exterior Girder	168.2522	0.95	1	1	6.48185

TABLE: Bridge Super Rating AASHTORATE18 26 - SteelNonCompServ-Flx - Main Span Girders									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Lane_serv_inv	BOBJ1	168.75	Before	Left Exterior Girder	168.75	0.95	1	1	6.387634
Lane_serv_inv	BOBJ1	168.75	Before	Interior Girder 1	168.75	0.95	1	1	6.10692
Lane_serv_inv	BOBJ1	168.75	Before	Interior Girder 2	168.75	0.95	1	1	6.10692
Lane_serv_inv	BOBJ1	168.75	Before	Right Exterior Girder	168.75	0.95	1	1	6.387635
Lane_serv_inv	BOBJ1	168.75	After	Left Exterior Girder	168.75	0.95	1	1	6.399346
Lane_serv_inv	BOBJ1	168.75	After	Interior Girder 1	168.75	0.95	1	1	6.09607
Lane_serv_inv	BOBJ1	168.75	After	Interior Girder 2	168.75	0.95	1	1	6.096069
Lane_serv_inv	BOBJ1	168.75	After	Right Exterior Girder	168.75	0.95	1	1	6.399346
Lane_serv_inv	BOBJ1	180	Before	Left Exterior Girder	180	0.95	1	1	4.334687
Lane_serv_inv	BOBJ1	180	Before	Interior Girder 1	180	0.95	1	1	4.092287
Lane_serv_inv	BOBJ1	180	Before	Interior Girder 2	180	0.95	1	1	4.092287
Lane_serv_inv	BOBJ1	180	Before	Right Exterior Girder	180	0.95	1	1	4.334687
Lane_serv_inv	BOBJ1	180	After	Left Exterior Girder	180	0.95	1	1	4.386708
Lane_serv_inv	BOBJ1	180	After	Interior Girder 1	180	0.95	1	1	4.048896
Lane_serv_inv	BOBJ1	180	After	Interior Girder 2	180	0.95	1	1	4.048896
Lane_serv_inv	BOBJ1	180	After	Right Exterior Girder	180	0.95	1	1	4.386708
Lane_serv_inv	BOBJ1	183.1858	Before	Left Exterior Girder	183.1858	0.95	1	1	3.808593
Lane_serv_inv	BOBJ1	183.1858	Before	Interior Girder 1	183.1858	0.95	1	1	3.501601
Lane_serv_inv	BOBJ1	183.1858	Before	Interior Girder 2	183.1858	0.95	1	1	3.501601
Lane_serv_inv	BOBJ1	183.1858	Before	Right Exterior Girder	183.1858	0.95	1	1	3.808593
Lane_serv_inv	BOBJ1	183.1858	After	Left Exterior Girder	183.1858	0.95	1	1	7.977421
Lane_serv_inv	BOBJ1	183.1858	After	Interior Girder 1	183.1858	0.95	1	1	7.314151
Lane_serv_inv	BOBJ1	183.1858	After	Interior Girder 2	183.1858	0.95	1	1	7.314151
Lane_serv_inv	BOBJ1	183.1858	After	Right Exterior Girder	183.1858	0.95	1	1	7.977421
Lane_serv_inv	BOBJ1	191.25	Before	Left Exterior Girder	191.25	0.95	1	1	6.167662
Lane_serv_inv	BOBJ1	191.25	Before	Interior Girder 1	191.25	0.95	1	1	5.568364
Lane_serv_inv	BOBJ1	191.25	Before	Interior Girder 2	191.25	0.95	1	1	5.568364
Lane_serv_inv	BOBJ1	191.25	Before	Right Exterior Girder	191.25	0.95	1	1	6.167662
Lane_serv_inv	BOBJ1	191.25	After	Left Exterior Girder	191.25	0.95	1	1	6.192796
Lane_serv_inv	BOBJ1	191.25	After	Interior Girder 1	191.25	0.95	1	1	5.560076
Lane_serv_inv	BOBJ1	191.25	After	Interior Girder 2	191.25	0.95	1	1	5.560076
Lane_serv_inv	BOBJ1	191.25	After	Right Exterior Girder	191.25	0.95	1	1	6.192797
Lane_serv_inv	BOBJ1	199.9414	Before	Left Exterior Girder	199.9414	0.95	1	1	4.388196
Lane_serv_inv	BOBJ1	199.9414	Before	Interior Girder 1	199.9414	0.95	1	1	3.890543
Lane_serv_inv	BOBJ1	199.9414	Before	Interior Girder 2	199.9414	0.95	1	1	3.890543
Lane_serv_inv	BOBJ1	199.9414	Before	Right Exterior Girder	199.9414	0.95	1	1	4.388196
Lane_serv_inv	BOBJ1	199.9414	After	Left Exterior Girder	199.9414	0.95	1	1	7.155147
Lane_serv_inv	BOBJ1	199.9414	After	Interior Girder 1	199.9414	0.95	1	1	6.360779
Lane_serv_inv	BOBJ1	199.9414	After	Interior Girder 2	199.9414	0.95	1	1	6.360779
Lane_serv_inv	BOBJ1	199.9414	After	Right Exterior Girder	199.9414	0.95	1	1	7.155147
Lane_serv_inv	BOBJ1	202.5	Before	Left Exterior Girder	202.5	0.95	1	1	6.534705
Lane_serv_inv	BOBJ1	202.5	Before	Interior Girder 1	202.5	0.95	1	1	5.805524
Lane_serv_inv	BOBJ1	202.5	Before	Interior Girder 2	202.5	0.95	1	1	5.805524
Lane_serv_inv	BOBJ1	202.5	Before	Right Exterior Girder	202.5	0.95	1	1	6.534706
Lane_serv_inv	BOBJ1	202.5	After	Left Exterior Girder	202.5	0.95	1	1	6.583354
Lane_serv_inv	BOBJ1	202.5	After	Interior Girder 1	202.5	0.95	1	1	5.795352
Lane_serv_inv	BOBJ1	202.5	After	Interior Girder 2	202.5	0.95	1	1	5.795352
Lane_serv_inv	BOBJ1	202.5	After	Right Exterior Girder	202.5	0.95	1	1	6.583354
Lane_serv_inv	BOBJ1	210.5642	Before	Left Exterior Girder	210.5642	0.95	1	1	4.850257
Lane_serv_inv	BOBJ1	210.5642	Before	Interior Girder 1	210.5642	0.95	1	1	4.241569
Lane_serv_inv	BOBJ1	210.5642	Before	Interior Girder 2	210.5642	0.95	1	1	4.241569
Lane_serv_inv	BOBJ1	210.5642	Before	Right Exterior Girder	210.5642	0.95	1	1	4.850257
Lane_serv_inv	BOBJ1	210.5642	After	Left Exterior Girder	210.5642	0.95	1	1	7.133039
Lane_serv_inv	BOBJ1	210.5642	After	Interior Girder 1	210.5642	0.95	1	1	6.267482
Lane_serv_inv	BOBJ1	210.5642	After	Interior Girder 2	210.5642	0.95	1	1	6.267482
Lane_serv_inv	BOBJ1	210.5642	After	Right Exterior Girder	210.5642	0.95	1	1	7.133039
Lane_serv_inv	BOBJ1	213.75	Before	Left Exterior Girder	213.75	0.95	1	1	6.412737
Lane_serv_inv	BOBJ1	213.75	Before	Interior Girder 1	213.75	0.95	1	1	5.604438
Lane_serv_inv	BOBJ1	213.75	Before	Interior Girder 2	213.75	0.95	1	1	5.604438
Lane_serv_inv	BOBJ1	213.75	Before	Right Exterior Girder	213.75	0.95	1	1	6.412737
Lane_serv_inv	BOBJ1	213.75	After	Left Exterior Girder	213.75	0.95	1	1	6.416766
Lane_serv_inv	BOBJ1	213.75	After	Interior Girder 1	213.75	0.95	1	1	5.60748
Lane_serv_inv	BOBJ1	213.75	After	Interior Girder 2	213.75	0.95	1	1	5.60748
Lane_serv_inv	BOBJ1	213.75	After	Right Exterior Girder	213.75	0.95	1	1	6.416766
Lane_serv_inv	BOBJ1	225	Before	Left Exterior Girder	225	0.95	1	1	4.273211
Lane_serv_inv	BOBJ1	225	Before	Interior Girder 1	225	0.95	1	1	3.627925
Lane_serv_inv	BOBJ1	225	Before	Interior Girder 2	225	0.95	1	1	3.627925
Lane_serv_inv	BOBJ1	225	Before	Right Exterior Girder	225	0.95	1	1	4.273211
Lane_serv_inv	BOBJ1	225	After	Left Exterior Girder	0	0.95	1	1	3.986168
Lane_serv_inv	BOBJ1	225	After	Interior Girder 1	0	0.95	1	1	3.622131

TABLE: Bridge Super Rating AASHTORATE18 26 - SteelINonCompServ-Flx - Main Span Girders									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Lane_serv_inv	BOBJ1	225	After	Interior Girder 2	0	0.95	1	1	3.622131
Lane_serv_inv	BOBJ1	225	After	Right Exterior Girder	0	0.95	1	1	3.986168
Lane_serv_inv	BOBJ1	236.45	Before	Left Exterior Girder	11.45	0.95	1	1	6.344032
Lane_serv_inv	BOBJ1	236.45	Before	Interior Girder 1	11.45	0.95	1	1	6.032755
Lane_serv_inv	BOBJ1	236.45	Before	Interior Girder 2	11.45	0.95	1	1	6.032755
Lane_serv_inv	BOBJ1	236.45	Before	Right Exterior Girder	11.45	0.95	1	1	6.344031
Lane_serv_inv	BOBJ1	236.45	After	Left Exterior Girder	11.45	0.95	1	1	6.355234
Lane_serv_inv	BOBJ1	236.45	After	Interior Girder 1	11.45	0.95	1	1	6.028471
Lane_serv_inv	BOBJ1	236.45	After	Interior Girder 2	11.45	0.95	1	1	6.028471
Lane_serv_inv	BOBJ1	236.45	After	Right Exterior Girder	11.45	0.95	1	1	6.355234
Lane_serv_inv	BOBJ1	239.5082	Before	Left Exterior Girder	14.5082	0.95	1	1	7.141575
Lane_serv_inv	BOBJ1	239.5082	Before	Interior Girder 1	14.5082	0.95	1	1	6.8254
Lane_serv_inv	BOBJ1	239.5082	Before	Interior Girder 2	14.5082	0.95	1	1	6.8254
Lane_serv_inv	BOBJ1	239.5082	Before	Right Exterior Girder	14.5082	0.95	1	1	7.141575
Lane_serv_inv	BOBJ1	239.5082	After	Left Exterior Girder	14.5082	0.95	1	1	4.921076
Lane_serv_inv	BOBJ1	239.5082	After	Interior Girder 1	14.5082	0.95	1	1	4.702134
Lane_serv_inv	BOBJ1	239.5082	After	Interior Girder 2	14.5082	0.95	1	1	4.702134
Lane_serv_inv	BOBJ1	239.5082	After	Right Exterior Girder	14.5082	0.95	1	1	4.921075
Lane_serv_inv	BOBJ1	247.9	Before	Left Exterior Girder	22.9	0.95	1	1	7.090848
Lane_serv_inv	BOBJ1	247.9	Before	Interior Girder 1	22.9	0.95	1	1	6.870035
Lane_serv_inv	BOBJ1	247.9	Before	Interior Girder 2	22.9	0.95	1	1	6.870035
Lane_serv_inv	BOBJ1	247.9	Before	Right Exterior Girder	22.9	0.95	1	1	7.090848
Lane_serv_inv	BOBJ1	247.9	After	Left Exterior Girder	22.9	0.95	1	1	6.973574
Lane_serv_inv	BOBJ1	247.9	After	Interior Girder 1	22.9	0.95	1	1	6.85195
Lane_serv_inv	BOBJ1	247.9	After	Interior Girder 2	22.9	0.95	1	1	6.85195
Lane_serv_inv	BOBJ1	247.9	After	Right Exterior Girder	22.9	0.95	1	1	6.973573
Lane_serv_inv	BOBJ1	258.5189	Before	Left Exterior Girder	33.5189	0.95	1	1	10.721885
Lane_serv_inv	BOBJ1	258.5189	Before	Interior Girder 1	33.5189	0.95	1	1	10.612024
Lane_serv_inv	BOBJ1	258.5189	Before	Interior Girder 2	33.5189	0.95	1	1	10.612024
Lane_serv_inv	BOBJ1	258.5189	Before	Right Exterior Girder	33.5189	0.95	1	1	10.721885
Lane_serv_inv	BOBJ1	258.5189	After	Left Exterior Girder	33.5189	0.95	1	1	7.332028
Lane_serv_inv	BOBJ1	258.5189	After	Interior Girder 1	33.5189	0.95	1	1	7.269562
Lane_serv_inv	BOBJ1	258.5189	After	Interior Girder 2	33.5189	0.95	1	1	7.269562
Lane_serv_inv	BOBJ1	258.5189	After	Right Exterior Girder	33.5189	0.95	1	1	7.332028
Lane_serv_inv	BOBJ1	259.3	Before	Left Exterior Girder	34.3	0.95	1	1	7.605994
Lane_serv_inv	BOBJ1	259.3	Before	Interior Girder 1	34.3	0.95	1	1	7.526414
Lane_serv_inv	BOBJ1	259.3	Before	Interior Girder 2	34.3	0.95	1	1	7.526414
Lane_serv_inv	BOBJ1	259.3	Before	Right Exterior Girder	34.3	0.95	1	1	7.605994
Lane_serv_inv	BOBJ1	259.3	After	Left Exterior Girder	34.3	0.95	1	1	7.593535
Lane_serv_inv	BOBJ1	259.3	After	Interior Girder 1	34.3	0.95	1	1	7.530184
Lane_serv_inv	BOBJ1	259.3	After	Interior Girder 2	34.3	0.95	1	1	7.530184
Lane_serv_inv	BOBJ1	259.3	After	Right Exterior Girder	34.3	0.95	1	1	7.593535
Lane_serv_inv	BOBJ1	266.1031	Before	Left Exterior Girder	41.1031	0.95	1	1	10.278133
Lane_serv_inv	BOBJ1	266.1031	Before	Interior Girder 1	41.1031	0.95	1	1	10.088274
Lane_serv_inv	BOBJ1	266.1031	Before	Interior Girder 2	41.1031	0.95	1	1	10.088274
Lane_serv_inv	BOBJ1	266.1031	Before	Right Exterior Girder	41.1031	0.95	1	1	10.278133
Lane_serv_inv	BOBJ1	266.1031	After	Left Exterior Girder	41.1031	0.95	1	1	5.475455
Lane_serv_inv	BOBJ1	266.1031	After	Interior Girder 1	41.1031	0.95	1	1	5.391609
Lane_serv_inv	BOBJ1	266.1031	After	Interior Girder 2	41.1031	0.95	1	1	5.391609
Lane_serv_inv	BOBJ1	266.1031	After	Right Exterior Girder	41.1031	0.95	1	1	5.475455
Lane_serv_inv	BOBJ1	270.7	Before	Left Exterior Girder	45.7	0.95	1	1	7.057196
Lane_serv_inv	BOBJ1	270.7	Before	Interior Girder 1	45.7	0.95	1	1	6.842036
Lane_serv_inv	BOBJ1	270.7	Before	Interior Girder 2	45.7	0.95	1	1	6.842036
Lane_serv_inv	BOBJ1	270.7	Before	Right Exterior Girder	45.7	0.95	1	1	7.057196
Lane_serv_inv	BOBJ1	270.7	After	Left Exterior Girder	45.7	0.95	1	1	6.921165
Lane_serv_inv	BOBJ1	270.7	After	Interior Girder 1	45.7	0.95	1	1	6.922303
Lane_serv_inv	BOBJ1	270.7	After	Interior Girder 2	45.7	0.95	1	1	6.922303
Lane_serv_inv	BOBJ1	270.7	After	Right Exterior Girder	45.7	0.95	1	1	6.921165
Lane_serv_inv	BOBJ1	273.6874	Before	Left Exterior Girder	48.6874	0.95	1	1	8.062204
Lane_serv_inv	BOBJ1	273.6874	Before	Interior Girder 1	48.6874	0.95	1	1	7.968125
Lane_serv_inv	BOBJ1	273.6874	Before	Interior Girder 2	48.6874	0.95	1	1	7.968125
Lane_serv_inv	BOBJ1	273.6874	Before	Right Exterior Girder	48.6874	0.95	1	1	8.062204
Lane_serv_inv	BOBJ1	273.6874	After	Left Exterior Girder	48.6874	0.95	1	1	3.45181
Lane_serv_inv	BOBJ1	273.6874	After	Interior Girder 1	48.6874	0.95	1	1	3.445744
Lane_serv_inv	BOBJ1	273.6874	After	Interior Girder 2	48.6874	0.95	1	1	3.445744
Lane_serv_inv	BOBJ1	273.6874	After	Right Exterior Girder	48.6874	0.95	1	1	3.45181
Lane_serv_inv	BOBJ1	282.15	Before	Left Exterior Girder	57.15	0.95	1	1	5.930373
Lane_serv_inv	BOBJ1	282.15	Before	Interior Girder 1	57.15	0.95	1	1	5.871396
Lane_serv_inv	BOBJ1	282.15	Before	Interior Girder 2	57.15	0.95	1	1	5.871396
Lane_serv_inv	BOBJ1	282.15	Before	Right Exterior Girder	57.15	0.95	1	1	5.930373

TABLE: Bridge Super Rating AASHTORATE18 26 - SteelNonCompServ-Flx - Main Span Girders									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Lane_serv_inv	BOBJ1	282.15	After	Left Exterior Girder	57.15	0.95	1	1	5.916958
Lane_serv_inv	BOBJ1	282.15	After	Interior Girder 1	57.15	0.95	1	1	5.887616
Lane_serv_inv	BOBJ1	282.15	After	Interior Girder 2	57.15	0.95	1	1	5.887616
Lane_serv_inv	BOBJ1	282.15	After	Right Exterior Girder	57.15	0.95	1	1	5.916958
Lane_serv_inv	BOBJ1	293.6	Before	Left Exterior Girder	68.6	0.95	1	1	6.547513
Lane_serv_inv	BOBJ1	293.6	Before	Interior Girder 1	68.6	0.95	1	1	6.154278
Lane_serv_inv	BOBJ1	293.6	Before	Interior Girder 2	68.6	0.95	1	1	6.154278
Lane_serv_inv	BOBJ1	293.6	Before	Right Exterior Girder	68.6	0.95	1	1	6.547513
Lane_serv_inv	BOBJ1	293.6	After	Left Exterior Girder	68.6	0.95	1	1	6.484903
Lane_serv_inv	BOBJ1	293.6	After	Interior Girder 1	68.6	0.95	1	1	6.39512
Lane_serv_inv	BOBJ1	293.6	After	Interior Girder 2	68.6	0.95	1	1	6.39512
Lane_serv_inv	BOBJ1	293.6	After	Right Exterior Girder	68.6	0.95	1	1	6.484902
Lane_serv_inv	BOBJ1	305	Before	Left Exterior Girder	80	0.95	1	1	3.492958
Lane_serv_inv	BOBJ1	305	Before	Interior Girder 1	80	0.95	1	1	3.195689
Lane_serv_inv	BOBJ1	305	Before	Interior Girder 2	80	0.95	1	1	3.195689
Lane_serv_inv	BOBJ1	305	Before	Right Exterior Girder	80	0.95	1	1	3.492958
Lane_serv_inv	BOBJ1	305	After	Left Exterior Girder	80	0.95	1	1	3.494553
Lane_serv_inv	BOBJ1	305	After	Interior Girder 1	80	0.95	1	1	3.194692
Lane_serv_inv	BOBJ1	305	After	Interior Girder 2	80	0.95	1	1	3.194692
Lane_serv_inv	BOBJ1	305	After	Right Exterior Girder	80	0.95	1	1	3.494553
Lane_serv_inv	BOBJ1	306.9561	Before	Left Exterior Girder	81.9561	0.95	1	1	3.090142
Lane_serv_inv	BOBJ1	306.9561	Before	Interior Girder 1	81.9561	0.95	1	1	2.820861
Lane_serv_inv	BOBJ1	306.9561	Before	Interior Girder 2	81.9561	0.95	1	1	2.820861
Lane_serv_inv	BOBJ1	306.9561	Before	Right Exterior Girder	81.9561	0.95	1	1	3.090142
Lane_serv_inv	BOBJ1	306.9561	After	Left Exterior Girder	81.9561	0.95	1	1	8.240319
Lane_serv_inv	BOBJ1	306.9561	After	Interior Girder 1	81.9561	0.95	1	1	7.441812
Lane_serv_inv	BOBJ1	306.9561	After	Interior Girder 2	81.9561	0.95	1	1	7.441812
Lane_serv_inv	BOBJ1	306.9561	After	Right Exterior Girder	81.9561	0.95	1	1	8.240319
Lane_serv_inv	BOBJ1	316.4	Before	Left Exterior Girder	91.4	0.95	1	1	5.758332
Lane_serv_inv	BOBJ1	316.4	Before	Interior Girder 1	91.4	0.95	1	1	5.350536
Lane_serv_inv	BOBJ1	316.4	Before	Interior Girder 2	91.4	0.95	1	1	5.350537
Lane_serv_inv	BOBJ1	316.4	Before	Right Exterior Girder	91.4	0.95	1	1	5.758332
Lane_serv_inv	BOBJ1	316.4	After	Left Exterior Girder	91.4	0.95	1	1	5.895403
Lane_serv_inv	BOBJ1	316.4	After	Interior Girder 1	91.4	0.95	1	1	5.364705
Lane_serv_inv	BOBJ1	316.4	After	Interior Girder 2	91.4	0.95	1	1	5.364706
Lane_serv_inv	BOBJ1	316.4	After	Right Exterior Girder	91.4	0.95	1	1	5.895402
Lane_serv_inv	BOBJ1	327.85	Before	Left Exterior Girder	102.9679	0.95	1	1	3.994526
Lane_serv_inv	BOBJ1	327.85	Before	Interior Girder 1	102.9679	0.95	1	1	3.714242
Lane_serv_inv	BOBJ1	327.85	Before	Interior Girder 2	102.9679	0.95	1	1	3.714242
Lane_serv_inv	BOBJ1	327.85	Before	Right Exterior Girder	102.9679	0.95	1	1	3.994526
Lane_serv_inv	BOBJ1	327.85	After	Left Exterior Girder	102.9679	0.95	1	1	7.693817
Lane_serv_inv	BOBJ1	327.85	After	Interior Girder 1	102.9679	0.95	1	1	7.266342
Lane_serv_inv	BOBJ1	327.85	After	Interior Girder 2	102.9679	0.95	1	1	7.266342
Lane_serv_inv	BOBJ1	327.85	After	Right Exterior Girder	102.9679	0.95	1	1	7.693817
Lane_serv_inv	BOBJ1	339.3	Before	Left Exterior Girder	114.3	0.95	1	1	6.063443
Lane_serv_inv	BOBJ1	339.3	Before	Interior Girder 1	114.3	0.95	1	1	5.88121
Lane_serv_inv	BOBJ1	339.3	Before	Interior Girder 2	114.3	0.95	1	1	5.88121
Lane_serv_inv	BOBJ1	339.3	Before	Right Exterior Girder	114.3	0.95	1	1	6.063443
Lane_serv_inv	BOBJ1	339.3	After	Left Exterior Girder	114.3	0.95	1	1	6.132229
Lane_serv_inv	BOBJ1	339.3	After	Interior Girder 1	114.3	0.95	1	1	5.900324
Lane_serv_inv	BOBJ1	339.3	After	Interior Girder 2	114.3	0.95	1	1	5.900324
Lane_serv_inv	BOBJ1	339.3	After	Right Exterior Girder	114.3	0.95	1	1	6.132229
Lane_serv_inv	BOBJ1	350.7	Before	Left Exterior Girder	125.7	0.95	1	1	5.149595
Lane_serv_inv	BOBJ1	350.7	Before	Interior Girder 1	125.7	0.95	1	1	4.970779
Lane_serv_inv	BOBJ1	350.7	Before	Interior Girder 2	125.7	0.95	1	1	4.970779
Lane_serv_inv	BOBJ1	350.7	Before	Right Exterior Girder	125.7	0.95	1	1	5.149595
Lane_serv_inv	BOBJ1	350.7	After	Left Exterior Girder	125.7	0.95	1	1	5.149341
Lane_serv_inv	BOBJ1	350.7	After	Interior Girder 1	125.7	0.95	1	1	4.971384
Lane_serv_inv	BOBJ1	350.7	After	Interior Girder 2	125.7	0.95	1	1	4.971384
Lane_serv_inv	BOBJ1	350.7	After	Right Exterior Girder	125.7	0.95	1	1	5.149341
Lane_serv_inv	BOBJ1	362.1	Before	Left Exterior Girder	137.1	0.95	1	1	4.505496
Lane_serv_inv	BOBJ1	362.1	Before	Interior Girder 1	137.1	0.95	1	1	4.410567
Lane_serv_inv	BOBJ1	362.1	Before	Interior Girder 2	137.1	0.95	1	1	4.410567
Lane_serv_inv	BOBJ1	362.1	Before	Right Exterior Girder	137.1	0.95	1	1	4.505496
Lane_serv_inv	BOBJ1	362.1	After	Left Exterior Girder	137.1	0.95	1	1	4.534442
Lane_serv_inv	BOBJ1	362.1	After	Interior Girder 1	137.1	0.95	1	1	4.420998
Lane_serv_inv	BOBJ1	362.1	After	Interior Girder 2	137.1	0.95	1	1	4.420998
Lane_serv_inv	BOBJ1	362.1	After	Right Exterior Girder	137.1	0.95	1	1	4.534442
Lane_serv_inv	BOBJ1	373.55	Before	Left Exterior Girder	148.55	0.95	1	1	4.207388
Lane_serv_inv	BOBJ1	373.55	Before	Interior Girder 1	148.55	0.95	1	1	4.086578

TABLE: Bridge Super Rating AASHTORATE18 26 - SteelINonCompServ-Flx - Main Span Girders									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Lane_serv_inv	BOBJ1	373.55	Before	Interior Girder 2	148.55	0.95	1	1	4.086578
Lane_serv_inv	BOBJ1	373.55	Before	Right Exterior Girder	148.55	0.95	1	1	4.207388
Lane_serv_inv	BOBJ1	373.55	After	Left Exterior Girder	148.55	0.95	1	1	4.207345
Lane_serv_inv	BOBJ1	373.55	After	Interior Girder 1	148.55	0.95	1	1	4.086724
Lane_serv_inv	BOBJ1	373.55	After	Interior Girder 2	148.55	0.95	1	1	4.086724
Lane_serv_inv	BOBJ1	373.55	After	Right Exterior Girder	148.55	0.95	1	1	4.207345
Lane_serv_inv	BOBJ1	385	Before	Left Exterior Girder	160	0.95	1	1	4.079404
Lane_serv_inv	BOBJ1	385	Before	Interior Girder 1	160	0.95	1	1	3.995923
Lane_serv_inv	BOBJ1	385	Before	Interior Girder 2	160	0.95	1	1	3.995923
Lane_serv_inv	BOBJ1	385	Before	Right Exterior Girder	160	0.95	1	1	4.079404
Lane_serv_inv	BOBJ1	385	After	Left Exterior Girder	160	0.95	1	1	4.079404
Lane_serv_inv	BOBJ1	385	After	Interior Girder 1	160	0.95	1	1	3.995919
Lane_serv_inv	BOBJ1	385	After	Interior Girder 2	160	0.95	1	1	3.995919
Lane_serv_inv	BOBJ1	385	After	Right Exterior Girder	160	0.95	1	1	4.079404
Lane_serv_inv	BOBJ1	396.45	Before	Left Exterior Girder	171.45	0.95	1	1	4.207346
Lane_serv_inv	BOBJ1	396.45	Before	Interior Girder 1	171.45	0.95	1	1	4.086714
Lane_serv_inv	BOBJ1	396.45	Before	Interior Girder 2	171.45	0.95	1	1	4.086714
Lane_serv_inv	BOBJ1	396.45	Before	Right Exterior Girder	171.45	0.95	1	1	4.207346
Lane_serv_inv	BOBJ1	396.45	After	Left Exterior Girder	171.45	0.95	1	1	4.207388
Lane_serv_inv	BOBJ1	396.45	After	Interior Girder 1	171.45	0.95	1	1	4.086567
Lane_serv_inv	BOBJ1	396.45	After	Interior Girder 2	171.45	0.95	1	1	4.086567
Lane_serv_inv	BOBJ1	396.45	After	Right Exterior Girder	171.45	0.95	1	1	4.207389
Lane_serv_inv	BOBJ1	407.9	Before	Left Exterior Girder	182.9	0.95	1	1	4.534457
Lane_serv_inv	BOBJ1	407.9	Before	Interior Girder 1	182.9	0.95	1	1	4.420995
Lane_serv_inv	BOBJ1	407.9	Before	Interior Girder 2	182.9	0.95	1	1	4.420995
Lane_serv_inv	BOBJ1	407.9	Before	Right Exterior Girder	182.9	0.95	1	1	4.534457
Lane_serv_inv	BOBJ1	407.9	After	Left Exterior Girder	182.9	0.95	1	1	4.50551
Lane_serv_inv	BOBJ1	407.9	After	Interior Girder 1	182.9	0.95	1	1	4.410558
Lane_serv_inv	BOBJ1	407.9	After	Interior Girder 2	182.9	0.95	1	1	4.410558
Lane_serv_inv	BOBJ1	407.9	After	Right Exterior Girder	182.9	0.95	1	1	4.50551
Lane_serv_inv	BOBJ1	419.3	Before	Left Exterior Girder	194.3	0.95	1	1	5.149359
Lane_serv_inv	BOBJ1	419.3	Before	Interior Girder 1	194.3	0.95	1	1	4.971378
Lane_serv_inv	BOBJ1	419.3	Before	Interior Girder 2	194.3	0.95	1	1	4.971378
Lane_serv_inv	BOBJ1	419.3	Before	Right Exterior Girder	194.3	0.95	1	1	5.149359
Lane_serv_inv	BOBJ1	419.3	After	Left Exterior Girder	194.3	0.95	1	1	5.149613
Lane_serv_inv	BOBJ1	419.3	After	Interior Girder 1	194.3	0.95	1	1	4.970743
Lane_serv_inv	BOBJ1	419.3	After	Interior Girder 2	194.3	0.95	1	1	4.970743
Lane_serv_inv	BOBJ1	419.3	After	Right Exterior Girder	194.3	0.95	1	1	5.149613
Lane_serv_inv	BOBJ1	430.7	Before	Left Exterior Girder	205.7	0.95	1	1	6.132253
Lane_serv_inv	BOBJ1	430.7	Before	Interior Girder 1	205.7	0.95	1	1	5.900304
Lane_serv_inv	BOBJ1	430.7	Before	Interior Girder 2	205.7	0.95	1	1	5.900303
Lane_serv_inv	BOBJ1	430.7	Before	Right Exterior Girder	205.7	0.95	1	1	6.132252
Lane_serv_inv	BOBJ1	430.7	After	Left Exterior Girder	205.7	0.95	1	1	6.063471
Lane_serv_inv	BOBJ1	430.7	After	Interior Girder 1	205.7	0.95	1	1	5.881191
Lane_serv_inv	BOBJ1	430.7	After	Interior Girder 2	205.7	0.95	1	1	5.881191
Lane_serv_inv	BOBJ1	430.7	After	Right Exterior Girder	205.7	0.95	1	1	6.063471
Lane_serv_inv	BOBJ1	442.15	Before	Left Exterior Girder	217.0321	0.95	1	1	7.676889
Lane_serv_inv	BOBJ1	442.15	Before	Interior Girder 1	217.0321	0.95	1	1	7.261799
Lane_serv_inv	BOBJ1	442.15	Before	Interior Girder 2	217.0321	0.95	1	1	7.261799
Lane_serv_inv	BOBJ1	442.15	Before	Right Exterior Girder	217.0321	0.95	1	1	7.676889
Lane_serv_inv	BOBJ1	442.15	After	Left Exterior Girder	217.0321	0.95	1	1	3.986704
Lane_serv_inv	BOBJ1	442.15	After	Interior Girder 1	217.0321	0.95	1	1	3.710696
Lane_serv_inv	BOBJ1	442.15	After	Interior Girder 2	217.0321	0.95	1	1	3.710696
Lane_serv_inv	BOBJ1	442.15	After	Right Exterior Girder	217.0321	0.95	1	1	3.986704
Lane_serv_inv	BOBJ1	453.6	Before	Left Exterior Girder	228.6	0.95	1	1	5.895417
Lane_serv_inv	BOBJ1	453.6	Before	Interior Girder 1	228.6	0.95	1	1	5.364794
Lane_serv_inv	BOBJ1	453.6	Before	Interior Girder 2	228.6	0.95	1	1	5.364794
Lane_serv_inv	BOBJ1	453.6	Before	Right Exterior Girder	228.6	0.95	1	1	5.895417
Lane_serv_inv	BOBJ1	453.6	After	Left Exterior Girder	228.6	0.95	1	1	5.758363
Lane_serv_inv	BOBJ1	453.6	After	Interior Girder 1	228.6	0.95	1	1	5.350496
Lane_serv_inv	BOBJ1	453.6	After	Interior Girder 2	228.6	0.95	1	1	5.350496
Lane_serv_inv	BOBJ1	453.6	After	Right Exterior Girder	228.6	0.95	1	1	5.758363
Lane_serv_inv	BOBJ1	463.0439	Before	Left Exterior Girder	238.0439	0.95	1	1	8.254342
Lane_serv_inv	BOBJ1	463.0439	Before	Interior Girder 1	238.0439	0.95	1	1	7.435785
Lane_serv_inv	BOBJ1	463.0439	Before	Interior Girder 2	238.0439	0.95	1	1	7.435785
Lane_serv_inv	BOBJ1	463.0439	Before	Right Exterior Girder	238.0439	0.95	1	1	8.254342
Lane_serv_inv	BOBJ1	463.0439	After	Left Exterior Girder	238.0439	0.95	1	1	3.096524
Lane_serv_inv	BOBJ1	463.0439	After	Interior Girder 1	238.0439	0.95	1	1	2.817526
Lane_serv_inv	BOBJ1	463.0439	After	Interior Girder 2	238.0439	0.95	1	1	2.817526
Lane_serv_inv	BOBJ1	463.0439	After	Right Exterior Girder	238.0439	0.95	1	1	3.096523

TABLE: Bridge Super Rating AASHTORATE18 26 - SteelINonCompServ-Flx - Main Span Girders									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Lane_serv_inv	BOBJ1	465	Before	Left Exterior Girder	240	0.95	1	1	3.494718
Lane_serv_inv	BOBJ1	465	Before	Interior Girder 1	240	0.95	1	1	3.194698
Lane_serv_inv	BOBJ1	465	Before	Interior Girder 2	240	0.95	1	1	3.194698
Lane_serv_inv	BOBJ1	465	Before	Right Exterior Girder	240	0.95	1	1	3.494718
Lane_serv_inv	BOBJ1	465	After	Left Exterior Girder	240	0.95	1	1	3.493129
Lane_serv_inv	BOBJ1	465	After	Interior Girder 1	240	0.95	1	1	3.19569
Lane_serv_inv	BOBJ1	465	After	Interior Girder 2	240	0.95	1	1	3.19569
Lane_serv_inv	BOBJ1	465	After	Right Exterior Girder	240	0.95	1	1	3.493128
Lane_serv_inv	BOBJ1	476.4	Before	Left Exterior Girder	251.4	0.95	1	1	6.484911
Lane_serv_inv	BOBJ1	476.4	Before	Interior Girder 1	251.4	0.95	1	1	6.395057
Lane_serv_inv	BOBJ1	476.4	Before	Interior Girder 2	251.4	0.95	1	1	6.395057
Lane_serv_inv	BOBJ1	476.4	Before	Right Exterior Girder	251.4	0.95	1	1	6.48491
Lane_serv_inv	BOBJ1	476.4	After	Left Exterior Girder	251.4	0.95	1	1	6.547593
Lane_serv_inv	BOBJ1	476.4	After	Interior Girder 1	251.4	0.95	1	1	6.154356
Lane_serv_inv	BOBJ1	476.4	After	Interior Girder 2	251.4	0.95	1	1	6.154356
Lane_serv_inv	BOBJ1	476.4	After	Right Exterior Girder	251.4	0.95	1	1	6.547593
Lane_serv_inv	BOBJ1	487.85	Before	Left Exterior Girder	262.85	0.95	1	1	5.916897
Lane_serv_inv	BOBJ1	487.85	Before	Interior Girder 1	262.85	0.95	1	1	5.887628
Lane_serv_inv	BOBJ1	487.85	Before	Interior Girder 2	262.85	0.95	1	1	5.887628
Lane_serv_inv	BOBJ1	487.85	Before	Right Exterior Girder	262.85	0.95	1	1	5.916897
Lane_serv_inv	BOBJ1	487.85	After	Left Exterior Girder	262.85	0.95	1	1	5.93033
Lane_serv_inv	BOBJ1	487.85	After	Interior Girder 1	262.85	0.95	1	1	5.871415
Lane_serv_inv	BOBJ1	487.85	After	Interior Girder 2	262.85	0.95	1	1	5.871415
Lane_serv_inv	BOBJ1	487.85	After	Right Exterior Girder	262.85	0.95	1	1	5.93033
Lane_serv_inv	BOBJ1	496.3126	Before	Left Exterior Girder	271.3126	0.95	1	1	3.449888
Lane_serv_inv	BOBJ1	496.3126	Before	Interior Girder 1	271.3126	0.95	1	1	3.444928
Lane_serv_inv	BOBJ1	496.3126	Before	Interior Girder 2	271.3126	0.95	1	1	3.444928
Lane_serv_inv	BOBJ1	496.3126	Before	Right Exterior Girder	271.3126	0.95	1	1	3.449888
Lane_serv_inv	BOBJ1	496.3126	After	Left Exterior Girder	271.3126	0.95	1	1	8.057912
Lane_serv_inv	BOBJ1	496.3126	After	Interior Girder 1	271.3126	0.95	1	1	7.966099
Lane_serv_inv	BOBJ1	496.3126	After	Interior Girder 2	271.3126	0.95	1	1	7.966099
Lane_serv_inv	BOBJ1	496.3126	After	Right Exterior Girder	271.3126	0.95	1	1	8.057912
Lane_serv_inv	BOBJ1	499.3	Before	Left Exterior Girder	274.3	0.95	1	1	6.921149
Lane_serv_inv	BOBJ1	499.3	Before	Interior Girder 1	274.3	0.95	1	1	6.92232
Lane_serv_inv	BOBJ1	499.3	Before	Interior Girder 2	274.3	0.95	1	1	6.92232
Lane_serv_inv	BOBJ1	499.3	Before	Right Exterior Girder	274.3	0.95	1	1	6.921149
Lane_serv_inv	BOBJ1	499.3	After	Left Exterior Girder	274.3	0.95	1	1	7.057181
Lane_serv_inv	BOBJ1	499.3	After	Interior Girder 1	274.3	0.95	1	1	6.842057
Lane_serv_inv	BOBJ1	499.3	After	Interior Girder 2	274.3	0.95	1	1	6.842057
Lane_serv_inv	BOBJ1	499.3	After	Right Exterior Girder	274.3	0.95	1	1	7.057181
Lane_serv_inv	BOBJ1	503.8969	Before	Left Exterior Girder	278.8969	0.95	1	1	5.475452
Lane_serv_inv	BOBJ1	503.8969	Before	Interior Girder 1	278.8969	0.95	1	1	5.391617
Lane_serv_inv	BOBJ1	503.8969	Before	Interior Girder 2	278.8969	0.95	1	1	5.391618
Lane_serv_inv	BOBJ1	503.8969	Before	Right Exterior Girder	278.8969	0.95	1	1	5.475452
Lane_serv_inv	BOBJ1	503.8969	After	Left Exterior Girder	278.8969	0.95	1	1	10.278129
Lane_serv_inv	BOBJ1	503.8969	After	Interior Girder 1	278.8969	0.95	1	1	10.088298
Lane_serv_inv	BOBJ1	503.8969	After	Interior Girder 2	278.8969	0.95	1	1	10.088298
Lane_serv_inv	BOBJ1	503.8969	After	Right Exterior Girder	278.8969	0.95	1	1	10.278129
Lane_serv_inv	BOBJ1	510.7	Before	Left Exterior Girder	285.7	0.95	1	1	7.593533
Lane_serv_inv	BOBJ1	510.7	Before	Interior Girder 1	285.7	0.95	1	1	7.530197
Lane_serv_inv	BOBJ1	510.7	Before	Interior Girder 2	285.7	0.95	1	1	7.530197
Lane_serv_inv	BOBJ1	510.7	Before	Right Exterior Girder	285.7	0.95	1	1	7.593533
Lane_serv_inv	BOBJ1	510.7	After	Left Exterior Girder	285.7	0.95	1	1	7.605982
Lane_serv_inv	BOBJ1	510.7	After	Interior Girder 1	285.7	0.95	1	1	7.526427
Lane_serv_inv	BOBJ1	510.7	After	Interior Girder 2	285.7	0.95	1	1	7.526427
Lane_serv_inv	BOBJ1	510.7	After	Right Exterior Girder	285.7	0.95	1	1	7.605982
Lane_serv_inv	BOBJ1	511.4811	Before	Left Exterior Girder	286.4811	0.95	1	1	7.327222
Lane_serv_inv	BOBJ1	511.4811	Before	Interior Girder 1	286.4811	0.95	1	1	7.268364
Lane_serv_inv	BOBJ1	511.4811	Before	Interior Girder 2	286.4811	0.95	1	1	7.268364
Lane_serv_inv	BOBJ1	511.4811	Before	Right Exterior Girder	286.4811	0.95	1	1	7.327222
Lane_serv_inv	BOBJ1	511.4811	After	Left Exterior Girder	286.4811	0.95	1	1	10.715274
Lane_serv_inv	BOBJ1	511.4811	After	Interior Girder 1	286.4811	0.95	1	1	10.609792
Lane_serv_inv	BOBJ1	511.4811	After	Interior Girder 2	286.4811	0.95	1	1	10.609792
Lane_serv_inv	BOBJ1	511.4811	After	Right Exterior Girder	286.4811	0.95	1	1	10.715274
Lane_serv_inv	BOBJ1	522.1	Before	Left Exterior Girder	297.1	0.95	1	1	6.974118
Lane_serv_inv	BOBJ1	522.1	Before	Interior Girder 1	297.1	0.95	1	1	6.852687
Lane_serv_inv	BOBJ1	522.1	Before	Interior Girder 2	297.1	0.95	1	1	6.852687
Lane_serv_inv	BOBJ1	522.1	Before	Right Exterior Girder	297.1	0.95	1	1	6.974118
Lane_serv_inv	BOBJ1	522.1	After	Left Exterior Girder	297.1	0.95	1	1	7.091271
Lane_serv_inv	BOBJ1	522.1	After	Interior Girder 1	297.1	0.95	1	1	6.870497

TABLE: Bridge Super Rating AASHTORATE18 26 - SteelINonCompServ-Flx - Main Span Girders									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Lane_serv_inv	BOBJ1	522.1	After	Interior Girder 2	297.1	0.95	1	1	6.870497
Lane_serv_inv	BOBJ1	522.1	After	Right Exterior Girder	297.1	0.95	1	1	7.091271
Lane_serv_inv	BOBJ1	530.4918	Before	Left Exterior Girder	305.4918	0.95	1	1	4.92106
Lane_serv_inv	BOBJ1	530.4918	Before	Interior Girder 1	305.4918	0.95	1	1	4.702019
Lane_serv_inv	BOBJ1	530.4918	Before	Interior Girder 2	305.4918	0.95	1	1	4.702019
Lane_serv_inv	BOBJ1	530.4918	Before	Right Exterior Girder	305.4918	0.95	1	1	4.92106
Lane_serv_inv	BOBJ1	530.4918	After	Left Exterior Girder	305.4918	0.95	1	1	7.141506
Lane_serv_inv	BOBJ1	530.4918	After	Interior Girder 1	305.4918	0.95	1	1	6.825143
Lane_serv_inv	BOBJ1	530.4918	After	Interior Girder 2	305.4918	0.95	1	1	6.825143
Lane_serv_inv	BOBJ1	530.4918	After	Right Exterior Girder	305.4918	0.95	1	1	7.141506
Lane_serv_inv	BOBJ1	533.55	Before	Left Exterior Girder	308.55	0.95	1	1	6.355236
Lane_serv_inv	BOBJ1	533.55	Before	Interior Girder 1	308.55	0.95	1	1	6.028473
Lane_serv_inv	BOBJ1	533.55	Before	Interior Girder 2	308.55	0.95	1	1	6.028473
Lane_serv_inv	BOBJ1	533.55	Before	Right Exterior Girder	308.55	0.95	1	1	6.355236
Lane_serv_inv	BOBJ1	533.55	After	Left Exterior Girder	308.55	0.95	1	1	6.344045
Lane_serv_inv	BOBJ1	533.55	After	Interior Girder 1	308.55	0.95	1	1	6.032748
Lane_serv_inv	BOBJ1	533.55	After	Interior Girder 2	308.55	0.95	1	1	6.032749
Lane_serv_inv	BOBJ1	533.55	After	Right Exterior Girder	308.55	0.95	1	1	6.344045
Lane_serv_inv	BOBJ1	545	Before	Left Exterior Girder	320	0.95	1	1	3.986194
Lane_serv_inv	BOBJ1	545	Before	Interior Girder 1	320	0.95	1	1	3.622084
Lane_serv_inv	BOBJ1	545	Before	Interior Girder 2	320	0.95	1	1	3.622084
Lane_serv_inv	BOBJ1	545	Before	Right Exterior Girder	320	0.95	1	1	3.986194
Lane_serv_inv	BOBJ1	545	After	Left Exterior Girder	0	0.95	1	1	4.273197
Lane_serv_inv	BOBJ1	545	After	Interior Girder 1	0	0.95	1	1	3.627942
Lane_serv_inv	BOBJ1	545	After	Interior Girder 2	0	0.95	1	1	3.627942
Lane_serv_inv	BOBJ1	545	After	Right Exterior Girder	0	0.95	1	1	4.273197
Lane_serv_inv	BOBJ1	556.25	Before	Left Exterior Girder	11.25	0.95	1	1	6.416753
Lane_serv_inv	BOBJ1	556.25	Before	Interior Girder 1	11.25	0.95	1	1	5.607504
Lane_serv_inv	BOBJ1	556.25	Before	Interior Girder 2	11.25	0.95	1	1	5.607504
Lane_serv_inv	BOBJ1	556.25	Before	Right Exterior Girder	11.25	0.95	1	1	6.416752
Lane_serv_inv	BOBJ1	556.25	After	Left Exterior Girder	11.25	0.95	1	1	6.412741
Lane_serv_inv	BOBJ1	556.25	After	Interior Girder 1	11.25	0.95	1	1	5.604459
Lane_serv_inv	BOBJ1	556.25	After	Interior Girder 2	11.25	0.95	1	1	5.604459
Lane_serv_inv	BOBJ1	556.25	After	Right Exterior Girder	11.25	0.95	1	1	6.41274
Lane_serv_inv	BOBJ1	559.4358	Before	Left Exterior Girder	14.4358	0.95	1	1	7.133049
Lane_serv_inv	BOBJ1	559.4358	Before	Interior Girder 1	14.4358	0.95	1	1	6.267503
Lane_serv_inv	BOBJ1	559.4358	Before	Interior Girder 2	14.4358	0.95	1	1	6.267503
Lane_serv_inv	BOBJ1	559.4358	Before	Right Exterior Girder	14.4358	0.95	1	1	7.133049
Lane_serv_inv	BOBJ1	559.4358	After	Left Exterior Girder	14.4358	0.95	1	1	4.850266
Lane_serv_inv	BOBJ1	559.4358	After	Interior Girder 1	14.4358	0.95	1	1	4.24158
Lane_serv_inv	BOBJ1	559.4358	After	Interior Girder 2	14.4358	0.95	1	1	4.24158
Lane_serv_inv	BOBJ1	559.4358	After	Right Exterior Girder	14.4358	0.95	1	1	4.850266
Lane_serv_inv	BOBJ1	567.5	Before	Left Exterior Girder	22.5	0.95	1	1	6.583371
Lane_serv_inv	BOBJ1	567.5	Before	Interior Girder 1	22.5	0.95	1	1	5.795389
Lane_serv_inv	BOBJ1	567.5	Before	Interior Girder 2	22.5	0.95	1	1	5.795389
Lane_serv_inv	BOBJ1	567.5	Before	Right Exterior Girder	22.5	0.95	1	1	6.583371
Lane_serv_inv	BOBJ1	567.5	After	Left Exterior Girder	22.5	0.95	1	1	6.534724
Lane_serv_inv	BOBJ1	567.5	After	Interior Girder 1	22.5	0.95	1	1	5.805558
Lane_serv_inv	BOBJ1	567.5	After	Interior Girder 2	22.5	0.95	1	1	5.805557
Lane_serv_inv	BOBJ1	567.5	After	Right Exterior Girder	22.5	0.95	1	1	6.534724
Lane_serv_inv	BOBJ1	570.0586	Before	Left Exterior Girder	25.0586	0.95	1	1	7.157383
Lane_serv_inv	BOBJ1	570.0586	Before	Interior Girder 1	25.0586	0.95	1	1	6.359541
Lane_serv_inv	BOBJ1	570.0586	Before	Interior Girder 2	25.0586	0.95	1	1	6.359541
Lane_serv_inv	BOBJ1	570.0586	Before	Right Exterior Girder	25.0586	0.95	1	1	7.157383
Lane_serv_inv	BOBJ1	570.0586	After	Left Exterior Girder	25.0586	0.95	1	1	4.390131
Lane_serv_inv	BOBJ1	570.0586	After	Interior Girder 1	25.0586	0.95	1	1	3.889009
Lane_serv_inv	BOBJ1	570.0586	After	Interior Girder 2	25.0586	0.95	1	1	3.889009
Lane_serv_inv	BOBJ1	570.0586	After	Right Exterior Girder	25.0586	0.95	1	1	4.390131
Lane_serv_inv	BOBJ1	578.75	Before	Left Exterior Girder	33.75	0.95	1	1	6.192706
Lane_serv_inv	BOBJ1	578.75	Before	Interior Girder 1	33.75	0.95	1	1	5.560039
Lane_serv_inv	BOBJ1	578.75	Before	Interior Girder 2	33.75	0.95	1	1	5.560039
Lane_serv_inv	BOBJ1	578.75	Before	Right Exterior Girder	33.75	0.95	1	1	6.192706
Lane_serv_inv	BOBJ1	578.75	After	Left Exterior Girder	33.75	0.95	1	1	6.167647
Lane_serv_inv	BOBJ1	578.75	After	Interior Girder 1	33.75	0.95	1	1	5.56827
Lane_serv_inv	BOBJ1	578.75	After	Interior Girder 2	33.75	0.95	1	1	5.56827
Lane_serv_inv	BOBJ1	578.75	After	Right Exterior Girder	33.75	0.95	1	1	6.167647
Lane_serv_inv	BOBJ1	586.8142	Before	Left Exterior Girder	41.8142	0.95	1	1	7.981797
Lane_serv_inv	BOBJ1	586.8142	Before	Interior Girder 1	41.8142	0.95	1	1	7.311885
Lane_serv_inv	BOBJ1	586.8142	Before	Interior Girder 2	41.8142	0.95	1	1	7.311885
Lane_serv_inv	BOBJ1	586.8142	Before	Right Exterior Girder	41.8142	0.95	1	1	7.981796

TABLE: Bridge Super Rating AASHTORATE18 26 - SteelNonCompServ-Flx - Main Span Girders									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Lane_serv_inv	BOBJ1	586.8142	After	Left Exterior Girder	41.8142	0.95	1	1	3.811428
Lane_serv_inv	BOBJ1	586.8142	After	Interior Girder 1	41.8142	0.95	1	1	3.499479
Lane_serv_inv	BOBJ1	586.8142	After	Interior Girder 2	41.8142	0.95	1	1	3.499479
Lane_serv_inv	BOBJ1	586.8142	After	Right Exterior Girder	41.8142	0.95	1	1	3.811428
Lane_serv_inv	BOBJ1	590	Before	Left Exterior Girder	45	0.95	1	1	4.386703
Lane_serv_inv	BOBJ1	590	Before	Interior Girder 1	45	0.95	1	1	4.048886
Lane_serv_inv	BOBJ1	590	Before	Interior Girder 2	45	0.95	1	1	4.048886
Lane_serv_inv	BOBJ1	590	Before	Right Exterior Girder	45	0.95	1	1	4.386703
Lane_serv_inv	BOBJ1	590	After	Left Exterior Girder	45	0.95	1	1	4.334695
Lane_serv_inv	BOBJ1	590	After	Interior Girder 1	45	0.95	1	1	4.092279
Lane_serv_inv	BOBJ1	590	After	Interior Girder 2	45	0.95	1	1	4.092279
Lane_serv_inv	BOBJ1	590	After	Right Exterior Girder	45	0.95	1	1	4.334695
Lane_serv_inv	BOBJ1	601.25	Before	Left Exterior Girder	56.25	0.95	1	1	6.399347
Lane_serv_inv	BOBJ1	601.25	Before	Interior Girder 1	56.25	0.95	1	1	6.096056
Lane_serv_inv	BOBJ1	601.25	Before	Interior Girder 2	56.25	0.95	1	1	6.096056
Lane_serv_inv	BOBJ1	601.25	Before	Right Exterior Girder	56.25	0.95	1	1	6.399347
Lane_serv_inv	BOBJ1	601.25	After	Left Exterior Girder	56.25	0.95	1	1	6.387635
Lane_serv_inv	BOBJ1	601.25	After	Interior Girder 1	56.25	0.95	1	1	6.106906
Lane_serv_inv	BOBJ1	601.25	After	Interior Girder 2	56.25	0.95	1	1	6.106906
Lane_serv_inv	BOBJ1	601.25	After	Right Exterior Girder	56.25	0.95	1	1	6.387635
Lane_serv_inv	BOBJ1	601.7478	Before	Left Exterior Girder	56.7478	0.95	1	1	6.47765
Lane_serv_inv	BOBJ1	601.7478	Before	Interior Girder 1	56.7478	0.95	1	1	6.194001
Lane_serv_inv	BOBJ1	601.7478	Before	Interior Girder 2	56.7478	0.95	1	1	6.194001
Lane_serv_inv	BOBJ1	601.7478	Before	Right Exterior Girder	56.7478	0.95	1	1	6.47765
Lane_serv_inv	BOBJ1	601.7478	After	Left Exterior Girder	56.7478	0.95	1	1	2.574826
Lane_serv_inv	BOBJ1	601.7478	After	Interior Girder 1	56.7478	0.95	1	1	2.482426
Lane_serv_inv	BOBJ1	601.7478	After	Interior Girder 2	56.7478	0.95	1	1	2.482426
Lane_serv_inv	BOBJ1	601.7478	After	Right Exterior Girder	56.7478	0.95	1	1	2.574826
Lane_serv_inv	BOBJ1	612.5	Before	Left Exterior Girder	67.5	0.95	1	1	4.174558
Lane_serv_inv	BOBJ1	612.5	Before	Interior Girder 1	67.5	0.95	1	1	4.04855
Lane_serv_inv	BOBJ1	612.5	Before	Interior Girder 2	67.5	0.95	1	1	4.04855
Lane_serv_inv	BOBJ1	612.5	Before	Right Exterior Girder	67.5	0.95	1	1	4.174558
Lane_serv_inv	BOBJ1	612.5	After	Left Exterior Girder	67.5	0.95	1	1	4.128484
Lane_serv_inv	BOBJ1	612.5	After	Interior Girder 1	67.5	0.95	1	1	4.036157
Lane_serv_inv	BOBJ1	612.5	After	Interior Girder 2	67.5	0.95	1	1	4.036157
Lane_serv_inv	BOBJ1	612.5	After	Right Exterior Girder	67.5	0.95	1	1	4.128483
Lane_serv_inv	BOBJ1	623.75	Before	Left Exterior Girder	78.75	0.95	1	1	5.840394
Lane_serv_inv	BOBJ1	623.75	Before	Interior Girder 1	78.75	0.95	1	1	5.52459
Lane_serv_inv	BOBJ1	623.75	Before	Interior Girder 2	78.75	0.95	1	1	5.52459
Lane_serv_inv	BOBJ1	623.75	Before	Right Exterior Girder	78.75	0.95	1	1	5.840394
Lane_serv_inv	BOBJ1	623.75	After	Left Exterior Girder	78.75	0.95	1	1	5.829028
Lane_serv_inv	BOBJ1	623.75	After	Interior Girder 1	78.75	0.95	1	1	5.520497
Lane_serv_inv	BOBJ1	623.75	After	Interior Girder 2	78.75	0.95	1	1	5.520497
Lane_serv_inv	BOBJ1	623.75	After	Right Exterior Girder	78.75	0.95	1	1	5.829028
Lane_serv_inv	BOBJ1	635	Before	Left Exterior Girder	90	0.95	1	1	4.323771
Lane_serv_inv	BOBJ1	635	Before	Interior Girder 1	90	0.95	1	1	4.002854
Lane_serv_inv	BOBJ1	635	Before	Interior Girder 2	90	0.95	1	1	4.002854
Lane_serv_inv	BOBJ1	635	Before	Right Exterior Girder	90	0.95	1	1	4.323771
Lane_serv_inv	BOBJ1	635	After	Left Exterior Girder	90	0.95	1	1	4.39792
Lane_serv_inv	BOBJ1	635	After	Interior Girder 1	90	0.95	1	1	4.027993
Lane_serv_inv	BOBJ1	635	After	Interior Girder 2	90	0.95	1	1	4.027993
Lane_serv_inv	BOBJ1	635	After	Right Exterior Girder	90	0.95	1	1	4.39792
Lane_serv_inv	BOBJ1	643.5619	Before	Left Exterior Girder	98.5619	0.95	1	1	3.44778
Lane_serv_inv	BOBJ1	643.5619	Before	Interior Girder 1	98.5619	0.95	1	1	3.195553
Lane_serv_inv	BOBJ1	643.5619	Before	Interior Girder 2	98.5619	0.95	1	1	3.195552
Lane_serv_inv	BOBJ1	643.5619	Before	Right Exterior Girder	98.5619	0.95	1	1	3.447781
Lane_serv_inv	BOBJ1	643.5619	After	Left Exterior Girder	98.5619	0.95	1	1	6.532562
Lane_serv_inv	BOBJ1	643.5619	After	Interior Girder 1	98.5619	0.95	1	1	6.025349
Lane_serv_inv	BOBJ1	643.5619	After	Interior Girder 2	98.5619	0.95	1	1	6.025349
Lane_serv_inv	BOBJ1	643.5619	After	Right Exterior Girder	98.5619	0.95	1	1	6.532562
Lane_serv_inv	BOBJ1	646.25	Before	Left Exterior Girder	101.25	0.95	1	1	6.225277
Lane_serv_inv	BOBJ1	646.25	Before	Interior Girder 1	101.25	0.95	1	1	5.772471
Lane_serv_inv	BOBJ1	646.25	Before	Interior Girder 2	101.25	0.95	1	1	5.772471
Lane_serv_inv	BOBJ1	646.25	Before	Right Exterior Girder	101.25	0.95	1	1	6.225277
Lane_serv_inv	BOBJ1	646.25	After	Left Exterior Girder	101.25	0.95	1	1	6.225263
Lane_serv_inv	BOBJ1	646.25	After	Interior Girder 1	101.25	0.95	1	1	5.773848
Lane_serv_inv	BOBJ1	646.25	After	Interior Girder 2	101.25	0.95	1	1	5.773848
Lane_serv_inv	BOBJ1	646.25	After	Right Exterior Girder	101.25	0.95	1	1	6.225263
Lane_serv_inv	BOBJ1	657.5	Before	Left Exterior Girder	112.5	0.95	1	1	5.229579
Lane_serv_inv	BOBJ1	657.5	Before	Interior Girder 1	112.5	0.95	1	1	4.967166

TABLE: Bridge Super Rating AASHTORATE18 26 - SteelINonCompServ-Flx - Main Span Girders									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Lane_serv_inv	BOBJ1	657.5	Before	Interior Girder 2	112.5	0.95	1	1	4.967166
Lane_serv_inv	BOBJ1	657.5	Before	Right Exterior Girder	112.5	0.95	1	1	5.229579
Lane_serv_inv	BOBJ1	657.5	After	Left Exterior Girder	112.5	0.95	1	1	5.251555
Lane_serv_inv	BOBJ1	657.5	After	Interior Girder 1	112.5	0.95	1	1	4.97047
Lane_serv_inv	BOBJ1	657.5	After	Interior Girder 2	112.5	0.95	1	1	4.970469
Lane_serv_inv	BOBJ1	657.5	After	Right Exterior Girder	112.5	0.95	1	1	5.251554
Lane_serv_inv	BOBJ1	668.75	Before	Left Exterior Girder	123.75	0.95	1	1	4.685882
Lane_serv_inv	BOBJ1	668.75	Before	Interior Girder 1	123.75	0.95	1	1	4.446401
Lane_serv_inv	BOBJ1	668.75	Before	Interior Girder 2	123.75	0.95	1	1	4.446401
Lane_serv_inv	BOBJ1	668.75	Before	Right Exterior Girder	123.75	0.95	1	1	4.685882
Lane_serv_inv	BOBJ1	668.75	After	Left Exterior Girder	123.75	0.95	1	1	4.688319
Lane_serv_inv	BOBJ1	668.75	After	Interior Girder 1	123.75	0.95	1	1	4.444311
Lane_serv_inv	BOBJ1	668.75	After	Interior Girder 2	123.75	0.95	1	1	4.444311
Lane_serv_inv	BOBJ1	668.75	After	Right Exterior Girder	123.75	0.95	1	1	4.688319
Lane_serv_inv	BOBJ1	680	Before	Left Exterior Girder	135	0.95	1	1	4.380815
Lane_serv_inv	BOBJ1	680	Before	Interior Girder 1	135	0.95	1	1	4.206236
Lane_serv_inv	BOBJ1	680	Before	Interior Girder 2	135	0.95	1	1	4.206236
Lane_serv_inv	BOBJ1	680	Before	Right Exterior Girder	135	0.95	1	1	4.380815
Lane_serv_inv	BOBJ1	680	After	Left Exterior Girder	135	0.95	1	1	4.370548
Lane_serv_inv	BOBJ1	680	After	Interior Girder 1	135	0.95	1	1	4.203491
Lane_serv_inv	BOBJ1	680	After	Interior Girder 2	135	0.95	1	1	4.203491
Lane_serv_inv	BOBJ1	680	After	Right Exterior Girder	135	0.95	1	1	4.370548
Lane_serv_inv	BOBJ1	691.25	Before	Left Exterior Girder	146.25	0.95	1	1	4.384937
Lane_serv_inv	BOBJ1	691.25	Before	Interior Girder 1	146.25	0.95	1	1	4.185151
Lane_serv_inv	BOBJ1	691.25	Before	Interior Girder 2	146.25	0.95	1	1	4.185151
Lane_serv_inv	BOBJ1	691.25	Before	Right Exterior Girder	146.25	0.95	1	1	4.384937
Lane_serv_inv	BOBJ1	691.25	After	Left Exterior Girder	146.25	0.95	1	1	4.381342
Lane_serv_inv	BOBJ1	691.25	After	Interior Girder 1	146.25	0.95	1	1	4.186359
Lane_serv_inv	BOBJ1	691.25	After	Interior Girder 2	146.25	0.95	1	1	4.186359
Lane_serv_inv	BOBJ1	691.25	After	Right Exterior Girder	146.25	0.95	1	1	4.381342
Lane_serv_inv	BOBJ1	702.5	Before	Left Exterior Girder	157.5	0.95	1	1	4.660815
Lane_serv_inv	BOBJ1	702.5	Before	Interior Girder 1	157.5	0.95	1	1	4.467584
Lane_serv_inv	BOBJ1	702.5	Before	Interior Girder 2	157.5	0.95	1	1	4.467584
Lane_serv_inv	BOBJ1	702.5	Before	Right Exterior Girder	157.5	0.95	1	1	4.660815
Lane_serv_inv	BOBJ1	702.5	After	Left Exterior Girder	157.5	0.95	1	1	4.601248
Lane_serv_inv	BOBJ1	702.5	After	Interior Girder 1	157.5	0.95	1	1	4.441652
Lane_serv_inv	BOBJ1	702.5	After	Interior Girder 2	157.5	0.95	1	1	4.441652
Lane_serv_inv	BOBJ1	702.5	After	Right Exterior Girder	157.5	0.95	1	1	4.601247
Lane_serv_inv	BOBJ1	713.75	Before	Left Exterior Girder	168.75	0.95	1	1	5.32145
Lane_serv_inv	BOBJ1	713.75	Before	Interior Girder 1	168.75	0.95	1	1	5.049527
Lane_serv_inv	BOBJ1	713.75	Before	Interior Girder 2	168.75	0.95	1	1	5.049527
Lane_serv_inv	BOBJ1	713.75	Before	Right Exterior Girder	168.75	0.95	1	1	5.321449
Lane_serv_inv	BOBJ1	713.75	After	Left Exterior Girder	168.75	0.95	1	1	5.31026
Lane_serv_inv	BOBJ1	713.75	After	Interior Girder 1	168.75	0.95	1	1	5.054203
Lane_serv_inv	BOBJ1	713.75	After	Interior Girder 2	168.75	0.95	1	1	5.054203
Lane_serv_inv	BOBJ1	713.75	After	Right Exterior Girder	168.75	0.95	1	1	5.310259
Lane_serv_inv	BOBJ1	725	Before	Left Exterior Girder	180	0.95	1	1	6.611696
Lane_serv_inv	BOBJ1	725	Before	Interior Girder 1	180	0.95	1	1	6.257584
Lane_serv_inv	BOBJ1	725	Before	Interior Girder 2	180	0.95	1	1	6.257584
Lane_serv_inv	BOBJ1	725	Before	Right Exterior Girder	180	0.95	1	1	6.611695
Lane_serv_inv	BOBJ1	725	After	Left Exterior Girder	180	0.95	1	1	6.491506
Lane_serv_inv	BOBJ1	725	After	Interior Girder 1	180	0.95	1	1	6.20763
Lane_serv_inv	BOBJ1	725	After	Interior Girder 2	180	0.95	1	1	6.20763
Lane_serv_inv	BOBJ1	725	After	Right Exterior Girder	180	0.95	1	1	6.491506
Lane_serv_inv	BOBJ1	731.1726	Before	Left Exterior Girder	186.1726	0.95	1	1	7.675739
Lane_serv_inv	BOBJ1	731.1726	Before	Interior Girder 1	186.1726	0.95	1	1	7.220935
Lane_serv_inv	BOBJ1	731.1726	Before	Interior Girder 2	186.1726	0.95	1	1	7.220935
Lane_serv_inv	BOBJ1	731.1726	Before	Right Exterior Girder	186.1726	0.95	1	1	7.675739
Lane_serv_inv	BOBJ1	731.1726	After	Left Exterior Girder	186.1726	0.95	1	1	3.291356
Lane_serv_inv	BOBJ1	731.1726	After	Interior Girder 1	186.1726	0.95	1	1	3.113801
Lane_serv_inv	BOBJ1	731.1726	After	Interior Girder 2	186.1726	0.95	1	1	3.113801
Lane_serv_inv	BOBJ1	731.1726	After	Right Exterior Girder	186.1726	0.95	1	1	3.291356
Lane_serv_inv	BOBJ1	736.25	Before	Left Exterior Girder	191.25	0.95	1	1	4.095765
Lane_serv_inv	BOBJ1	736.25	Before	Interior Girder 1	191.25	0.95	1	1	3.815237
Lane_serv_inv	BOBJ1	736.25	Before	Interior Girder 2	191.25	0.95	1	1	3.815237
Lane_serv_inv	BOBJ1	736.25	Before	Right Exterior Girder	191.25	0.95	1	1	4.095765
Lane_serv_inv	BOBJ1	736.25	After	Left Exterior Girder	191.25	0.95	1	1	4.080405
Lane_serv_inv	BOBJ1	736.25	After	Interior Girder 1	191.25	0.95	1	1	3.82429
Lane_serv_inv	BOBJ1	736.25	After	Interior Girder 2	191.25	0.95	1	1	3.82429
Lane_serv_inv	BOBJ1	736.25	After	Right Exterior Girder	191.25	0.95	1	1	4.080405

TABLE: Bridge Super Rating AASHTORATE18 26 - SteelINonCompServ-Flx - Main Span Girders									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Lane_serv_inv	BOBJ1	747.5	Before	Left Exterior Girder	202.5	0.95	1	1	7.311549
Lane_serv_inv	BOBJ1	747.5	Before	Interior Girder 1	202.5	0.95	1	1	6.706456
Lane_serv_inv	BOBJ1	747.5	Before	Interior Girder 2	202.5	0.95	1	1	6.706456
Lane_serv_inv	BOBJ1	747.5	Before	Right Exterior Girder	202.5	0.95	1	1	7.311549
Lane_serv_inv	BOBJ1	747.5	After	Left Exterior Girder	202.5	0.95	1	1	6.964474
Lane_serv_inv	BOBJ1	747.5	After	Interior Girder 1	202.5	0.95	1	1	6.507619
Lane_serv_inv	BOBJ1	747.5	After	Interior Girder 2	202.5	0.95	1	1	6.507619
Lane_serv_inv	BOBJ1	747.5	After	Right Exterior Girder	202.5	0.95	1	1	6.964473
Lane_serv_inv	BOBJ1	758.75	Before	Left Exterior Girder	213.75	0.95	1	1	17.051963
Lane_serv_inv	BOBJ1	758.75	Before	Interior Girder 1	213.75	0.95	1	1	15.211799
Lane_serv_inv	BOBJ1	758.75	Before	Interior Girder 2	213.75	0.95	1	1	15.211801
Lane_serv_inv	BOBJ1	758.75	Before	Right Exterior Girder	213.75	0.95	1	1	17.051957
Lane_serv_inv	BOBJ1	758.75	After	Left Exterior Girder	213.75	0.95	1	1	16.992114
Lane_serv_inv	BOBJ1	758.75	After	Interior Girder 1	213.75	0.95	1	1	15.191578
Lane_serv_inv	BOBJ1	758.75	After	Interior Girder 2	213.75	0.95	1	1	15.191577
Lane_serv_inv	BOBJ1	758.75	After	Right Exterior Girder	213.75	0.95	1	1	16.992108
Lane_serv_inv	BOBJ1	770	Before	Left Exterior Girder	225	0.95	1	1	303.823651
Lane_serv_inv	BOBJ1	770	Before	Interior Girder 1	225	0.95	1	1	242.760297
Lane_serv_inv	BOBJ1	770	Before	Interior Girder 2	225	0.95	1	1	242.759368
Lane_serv_inv	BOBJ1	770	Before	Right Exterior Girder	225	0.95	1	1	303.825493
SU4_serv	BOBJ1	0	After	Left Exterior Girder	0	0.95	1	1	298.063373
SU4_serv	BOBJ1	0	After	Interior Girder 1	0	0.95	1	1	246.072026
SU4_serv	BOBJ1	0	After	Interior Girder 2	0	0.95	1	1	246.071754
SU4_serv	BOBJ1	0	After	Right Exterior Girder	0	0.95	1	1	298.063363
SU4_serv	BOBJ1	11.25	Before	Left Exterior Girder	11.25	0.95	1	1	14.157101
SU4_serv	BOBJ1	11.25	Before	Interior Girder 1	11.25	0.95	1	1	9.16161
SU4_serv	BOBJ1	11.25	Before	Interior Girder 2	11.25	0.95	1	1	9.161611
SU4_serv	BOBJ1	11.25	Before	Right Exterior Girder	11.25	0.95	1	1	14.1571
SU4_serv	BOBJ1	11.25	After	Left Exterior Girder	11.25	0.95	1	1	14.191492
SU4_serv	BOBJ1	11.25	After	Interior Girder 1	11.25	0.95	1	1	9.27077
SU4_serv	BOBJ1	11.25	After	Interior Girder 2	11.25	0.95	1	1	9.270771
SU4_serv	BOBJ1	11.25	After	Right Exterior Girder	11.25	0.95	1	1	14.191491
SU4_serv	BOBJ1	22.5	Before	Left Exterior Girder	22.5	0.95	1	1	6.040256
SU4_serv	BOBJ1	22.5	Before	Interior Girder 1	22.5	0.95	1	1	4.472361
SU4_serv	BOBJ1	22.5	Before	Interior Girder 2	22.5	0.95	1	1	4.472362
SU4_serv	BOBJ1	22.5	Before	Right Exterior Girder	22.5	0.95	1	1	6.040255
SU4_serv	BOBJ1	22.5	After	Left Exterior Girder	22.5	0.95	1	1	6.295221
SU4_serv	BOBJ1	22.5	After	Interior Girder 1	22.5	0.95	1	1	4.528898
SU4_serv	BOBJ1	22.5	After	Interior Girder 2	22.5	0.95	1	1	4.528899
SU4_serv	BOBJ1	22.5	After	Right Exterior Girder	22.5	0.95	1	1	6.295221
SU4_serv	BOBJ1	33.75	Before	Left Exterior Girder	33.75	0.95	1	1	3.62643
SU4_serv	BOBJ1	33.75	Before	Interior Girder 1	33.75	0.95	1	1	2.796034
SU4_serv	BOBJ1	33.75	Before	Interior Girder 2	33.75	0.95	1	1	2.796034
SU4_serv	BOBJ1	33.75	Before	Right Exterior Girder	33.75	0.95	1	1	3.62643
SU4_serv	BOBJ1	33.75	After	Left Exterior Girder	33.75	0.95	1	1	3.636983
SU4_serv	BOBJ1	33.75	After	Interior Girder 1	33.75	0.95	1	1	2.795275
SU4_serv	BOBJ1	33.75	After	Interior Girder 2	33.75	0.95	1	1	2.795276
SU4_serv	BOBJ1	33.75	After	Right Exterior Girder	33.75	0.95	1	1	3.636983
SU4_serv	BOBJ1	38.8274	Before	Left Exterior Girder	38.8274	0.95	1	1	2.951936
SU4_serv	BOBJ1	38.8274	Before	Interior Girder 1	38.8274	0.95	1	1	2.359684
SU4_serv	BOBJ1	38.8274	Before	Interior Girder 2	38.8274	0.95	1	1	2.359684
SU4_serv	BOBJ1	38.8274	Before	Right Exterior Girder	38.8274	0.95	1	1	2.951936
SU4_serv	BOBJ1	38.8274	After	Left Exterior Girder	38.8274	0.95	1	1	6.87444
SU4_serv	BOBJ1	38.8274	After	Interior Girder 1	38.8274	0.95	1	1	5.515888
SU4_serv	BOBJ1	38.8274	After	Interior Girder 2	38.8274	0.95	1	1	5.515888
SU4_serv	BOBJ1	38.8274	After	Right Exterior Girder	38.8274	0.95	1	1	6.87444
SU4_serv	BOBJ1	45	Before	Left Exterior Girder	45	0.95	1	1	5.884099
SU4_serv	BOBJ1	45	Before	Interior Girder 1	45	0.95	1	1	4.929108
SU4_serv	BOBJ1	45	Before	Interior Girder 2	45	0.95	1	1	4.929109
SU4_serv	BOBJ1	45	Before	Right Exterior Girder	45	0.95	1	1	5.884099
SU4_serv	BOBJ1	45	After	Left Exterior Girder	45	0.95	1	1	5.952027
SU4_serv	BOBJ1	45	After	Interior Girder 1	45	0.95	1	1	4.881518
SU4_serv	BOBJ1	45	After	Interior Girder 2	45	0.95	1	1	4.881517
SU4_serv	BOBJ1	45	After	Right Exterior Girder	45	0.95	1	1	5.952027
SU4_serv	BOBJ1	56.25	Before	Left Exterior Girder	56.25	0.95	1	1	4.889898
SU4_serv	BOBJ1	56.25	Before	Interior Girder 1	56.25	0.95	1	1	4.123802
SU4_serv	BOBJ1	56.25	Before	Interior Girder 2	56.25	0.95	1	1	4.123801
SU4_serv	BOBJ1	56.25	Before	Right Exterior Girder	56.25	0.95	1	1	4.889899
SU4_serv	BOBJ1	56.25	After	Left Exterior Girder	56.25	0.95	1	1	4.889126
SU4_serv	BOBJ1	56.25	After	Interior Girder 1	56.25	0.95	1	1	4.12046

TABLE: Bridge Super Rating AASHTORATE18 26 - SteelNonCompServ-Flx - Main Span Girders									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
SU4_serv	BOBJ1	56.25	After	Interior Girder 2	56.25	0.95	1	1	4.12046
SU4_serv	BOBJ1	56.25	After	Right Exterior Girder	56.25	0.95	1	1	4.889126
SU4_serv	BOBJ1	67.5	Before	Left Exterior Girder	67.5	0.95	1	1	4.321843
SU4_serv	BOBJ1	67.5	Before	Interior Girder 1	67.5	0.95	1	1	3.812272
SU4_serv	BOBJ1	67.5	Before	Interior Girder 2	67.5	0.95	1	1	3.812272
SU4_serv	BOBJ1	67.5	Before	Right Exterior Girder	67.5	0.95	1	1	4.321844
SU4_serv	BOBJ1	67.5	After	Left Exterior Girder	67.5	0.95	1	1	4.358146
SU4_serv	BOBJ1	67.5	After	Interior Girder 1	67.5	0.95	1	1	3.793929
SU4_serv	BOBJ1	67.5	After	Interior Girder 2	67.5	0.95	1	1	3.793928
SU4_serv	BOBJ1	67.5	After	Right Exterior Girder	67.5	0.95	1	1	4.358146
SU4_serv	BOBJ1	78.75	Before	Left Exterior Girder	78.75	0.95	1	1	4.191312
SU4_serv	BOBJ1	78.75	Before	Interior Girder 1	78.75	0.95	1	1	3.659249
SU4_serv	BOBJ1	78.75	Before	Interior Girder 2	78.75	0.95	1	1	3.659248
SU4_serv	BOBJ1	78.75	Before	Right Exterior Girder	78.75	0.95	1	1	4.191313
SU4_serv	BOBJ1	78.75	After	Left Exterior Girder	78.75	0.95	1	1	4.187319
SU4_serv	BOBJ1	78.75	After	Interior Girder 1	78.75	0.95	1	1	3.659639
SU4_serv	BOBJ1	78.75	After	Interior Girder 2	78.75	0.95	1	1	3.659639
SU4_serv	BOBJ1	78.75	After	Right Exterior Girder	78.75	0.95	1	1	4.187319
SU4_serv	BOBJ1	90	Before	Left Exterior Girder	90	0.95	1	1	4.260939
SU4_serv	BOBJ1	90	Before	Interior Girder 1	90	0.95	1	1	3.808543
SU4_serv	BOBJ1	90	Before	Interior Girder 2	90	0.95	1	1	3.808543
SU4_serv	BOBJ1	90	Before	Right Exterior Girder	90	0.95	1	1	4.260939
SU4_serv	BOBJ1	90	After	Left Exterior Girder	90	0.95	1	1	4.261979
SU4_serv	BOBJ1	90	After	Interior Girder 1	90	0.95	1	1	3.799676
SU4_serv	BOBJ1	90	After	Interior Girder 2	90	0.95	1	1	3.799676
SU4_serv	BOBJ1	90	After	Right Exterior Girder	90	0.95	1	1	4.261979
SU4_serv	BOBJ1	101.25	Before	Left Exterior Girder	101.25	0.95	1	1	4.64827
SU4_serv	BOBJ1	101.25	Before	Interior Girder 1	101.25	0.95	1	1	4.073677
SU4_serv	BOBJ1	101.25	Before	Interior Girder 2	101.25	0.95	1	1	4.073677
SU4_serv	BOBJ1	101.25	Before	Right Exterior Girder	101.25	0.95	1	1	4.64827
SU4_serv	BOBJ1	101.25	After	Left Exterior Girder	101.25	0.95	1	1	4.641618
SU4_serv	BOBJ1	101.25	After	Interior Girder 1	101.25	0.95	1	1	4.072811
SU4_serv	BOBJ1	101.25	After	Interior Girder 2	101.25	0.95	1	1	4.072811
SU4_serv	BOBJ1	101.25	After	Right Exterior Girder	101.25	0.95	1	1	4.641618
SU4_serv	BOBJ1	112.5	Before	Left Exterior Girder	112.5	0.95	1	1	5.273051
SU4_serv	BOBJ1	112.5	Before	Interior Girder 1	112.5	0.95	1	1	4.661837
SU4_serv	BOBJ1	112.5	Before	Interior Girder 2	112.5	0.95	1	1	4.661837
SU4_serv	BOBJ1	112.5	Before	Right Exterior Girder	112.5	0.95	1	1	5.273051
SU4_serv	BOBJ1	112.5	After	Left Exterior Girder	112.5	0.95	1	1	5.242308
SU4_serv	BOBJ1	112.5	After	Interior Girder 1	112.5	0.95	1	1	4.660048
SU4_serv	BOBJ1	112.5	After	Interior Girder 2	112.5	0.95	1	1	4.660049
SU4_serv	BOBJ1	112.5	After	Right Exterior Girder	112.5	0.95	1	1	5.242308
SU4_serv	BOBJ1	123.75	Before	Left Exterior Girder	123.75	0.95	1	1	6.32014
SU4_serv	BOBJ1	123.75	Before	Interior Girder 1	123.75	0.95	1	1	5.462422
SU4_serv	BOBJ1	123.75	Before	Interior Girder 2	123.75	0.95	1	1	5.462423
SU4_serv	BOBJ1	123.75	Before	Right Exterior Girder	123.75	0.95	1	1	6.320139
SU4_serv	BOBJ1	123.75	After	Left Exterior Girder	123.75	0.95	1	1	6.325271
SU4_serv	BOBJ1	123.75	After	Interior Girder 1	123.75	0.95	1	1	5.462318
SU4_serv	BOBJ1	123.75	After	Interior Girder 2	123.75	0.95	1	1	5.462318
SU4_serv	BOBJ1	123.75	After	Right Exterior Girder	123.75	0.95	1	1	6.325271
SU4_serv	BOBJ1	126.4381	Before	Left Exterior Girder	126.4381	0.95	1	1	6.648211
SU4_serv	BOBJ1	126.4381	Before	Interior Girder 1	126.4381	0.95	1	1	5.716118
SU4_serv	BOBJ1	126.4381	Before	Interior Girder 2	126.4381	0.95	1	1	5.716119
SU4_serv	BOBJ1	126.4381	Before	Right Exterior Girder	126.4381	0.95	1	1	6.648211
SU4_serv	BOBJ1	126.4381	After	Left Exterior Girder	126.4381	0.95	1	1	3.513049
SU4_serv	BOBJ1	126.4381	After	Interior Girder 1	126.4381	0.95	1	1	3.02265
SU4_serv	BOBJ1	126.4381	After	Interior Girder 2	126.4381	0.95	1	1	3.02265
SU4_serv	BOBJ1	126.4381	After	Right Exterior Girder	126.4381	0.95	1	1	3.513049
SU4_serv	BOBJ1	135	Before	Left Exterior Girder	135	0.95	1	1	4.487705
SU4_serv	BOBJ1	135	Before	Interior Girder 1	135	0.95	1	1	3.827072
SU4_serv	BOBJ1	135	Before	Interior Girder 2	135	0.95	1	1	3.827073
SU4_serv	BOBJ1	135	Before	Right Exterior Girder	135	0.95	1	1	4.487705
SU4_serv	BOBJ1	135	After	Left Exterior Girder	135	0.95	1	1	4.413454
SU4_serv	BOBJ1	135	After	Interior Girder 1	135	0.95	1	1	3.810991
SU4_serv	BOBJ1	135	After	Interior Girder 2	135	0.95	1	1	3.810991
SU4_serv	BOBJ1	135	After	Right Exterior Girder	135	0.95	1	1	4.413454
SU4_serv	BOBJ1	146.25	Before	Left Exterior Girder	146.25	0.95	1	1	6.301502
SU4_serv	BOBJ1	146.25	Before	Interior Girder 1	146.25	0.95	1	1	5.17502
SU4_serv	BOBJ1	146.25	Before	Interior Girder 2	146.25	0.95	1	1	5.17502
SU4_serv	BOBJ1	146.25	Before	Right Exterior Girder	146.25	0.95	1	1	6.301502

TABLE: Bridge Super Rating AASHTORATE18 26 - SteelNonCompServ-Flx - Main Span Girders									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
SU4_serv	BOBJ1	146.25	After	Left Exterior Girder	146.25	0.95	1	1	6.297321
SU4_serv	BOBJ1	146.25	After	Interior Girder 1	146.25	0.95	1	1	5.181294
SU4_serv	BOBJ1	146.25	After	Interior Girder 2	146.25	0.95	1	1	5.181294
SU4_serv	BOBJ1	146.25	After	Right Exterior Girder	146.25	0.95	1	1	6.297321
SU4_serv	BOBJ1	157.5	Before	Left Exterior Girder	157.5	0.95	1	1	6.999566
SU4_serv	BOBJ1	157.5	Before	Interior Girder 1	157.5	0.95	1	1	6.970318
SU4_serv	BOBJ1	157.5	Before	Interior Girder 2	157.5	0.95	1	1	6.970317
SU4_serv	BOBJ1	157.5	Before	Right Exterior Girder	157.5	0.95	1	1	6.999566
SU4_serv	BOBJ1	157.5	After	Left Exterior Girder	157.5	0.95	1	1	7.06092
SU4_serv	BOBJ1	157.5	After	Interior Girder 1	157.5	0.95	1	1	7.007408
SU4_serv	BOBJ1	157.5	After	Interior Girder 2	157.5	0.95	1	1	7.007407
SU4_serv	BOBJ1	157.5	After	Right Exterior Girder	157.5	0.95	1	1	7.06092
SU4_serv	BOBJ1	168.2522	Before	Left Exterior Girder	168.2522	0.95	1	1	4.391741
SU4_serv	BOBJ1	168.2522	Before	Interior Girder 1	168.2522	0.95	1	1	4.311114
SU4_serv	BOBJ1	168.2522	Before	Interior Girder 2	168.2522	0.95	1	1	4.311114
SU4_serv	BOBJ1	168.2522	Before	Right Exterior Girder	168.2522	0.95	1	1	4.391742
SU4_serv	BOBJ1	168.2522	After	Left Exterior Girder	168.2522	0.95	1	1	11.042625
SU4_serv	BOBJ1	168.2522	After	Interior Girder 1	168.2522	0.95	1	1	10.758001
SU4_serv	BOBJ1	168.2522	After	Interior Girder 2	168.2522	0.95	1	1	10.758001
SU4_serv	BOBJ1	168.2522	After	Right Exterior Girder	168.2522	0.95	1	1	11.042625
SU4_serv	BOBJ1	168.75	Before	Left Exterior Girder	168.75	0.95	1	1	10.895884
SU4_serv	BOBJ1	168.75	Before	Interior Girder 1	168.75	0.95	1	1	10.621869
SU4_serv	BOBJ1	168.75	Before	Interior Girder 2	168.75	0.95	1	1	10.621869
SU4_serv	BOBJ1	168.75	Before	Right Exterior Girder	168.75	0.95	1	1	10.895884
SU4_serv	BOBJ1	168.75	After	Left Exterior Girder	168.75	0.95	1	1	10.910522
SU4_serv	BOBJ1	168.75	After	Interior Girder 1	168.75	0.95	1	1	10.608967
SU4_serv	BOBJ1	168.75	After	Interior Girder 2	168.75	0.95	1	1	10.608967
SU4_serv	BOBJ1	168.75	After	Right Exterior Girder	168.75	0.95	1	1	10.910523
SU4_serv	BOBJ1	180	Before	Left Exterior Girder	180	0.95	1	1	7.802302
SU4_serv	BOBJ1	180	Before	Interior Girder 1	180	0.95	1	1	7.480137
SU4_serv	BOBJ1	180	Before	Interior Girder 2	180	0.95	1	1	7.480137
SU4_serv	BOBJ1	180	Before	Right Exterior Girder	180	0.95	1	1	7.802303
SU4_serv	BOBJ1	180	After	Left Exterior Girder	180	0.95	1	1	7.76544
SU4_serv	BOBJ1	180	After	Interior Girder 1	180	0.95	1	1	7.455858
SU4_serv	BOBJ1	180	After	Interior Girder 2	180	0.95	1	1	7.455858
SU4_serv	BOBJ1	180	After	Right Exterior Girder	180	0.95	1	1	7.76544
SU4_serv	BOBJ1	183.1858	Before	Left Exterior Girder	183.1858	0.95	1	1	6.90099
SU4_serv	BOBJ1	183.1858	Before	Interior Girder 1	183.1858	0.95	1	1	6.59241
SU4_serv	BOBJ1	183.1858	Before	Interior Girder 2	183.1858	0.95	1	1	6.59241
SU4_serv	BOBJ1	183.1858	Before	Right Exterior Girder	183.1858	0.95	1	1	6.900991
SU4_serv	BOBJ1	183.1858	After	Left Exterior Girder	183.1858	0.95	1	1	14.447099
SU4_serv	BOBJ1	183.1858	After	Interior Girder 1	183.1858	0.95	1	1	13.751744
SU4_serv	BOBJ1	183.1858	After	Interior Girder 2	183.1858	0.95	1	1	13.751744
SU4_serv	BOBJ1	183.1858	After	Right Exterior Girder	183.1858	0.95	1	1	14.4471
SU4_serv	BOBJ1	191.25	Before	Left Exterior Girder	191.25	0.95	1	1	12.000355
SU4_serv	BOBJ1	191.25	Before	Interior Girder 1	191.25	0.95	1	1	11.233948
SU4_serv	BOBJ1	191.25	Before	Interior Girder 2	191.25	0.95	1	1	11.233948
SU4_serv	BOBJ1	191.25	Before	Right Exterior Girder	191.25	0.95	1	1	12.000355
SU4_serv	BOBJ1	191.25	After	Left Exterior Girder	191.25	0.95	1	1	12.026247
SU4_serv	BOBJ1	191.25	After	Interior Girder 1	191.25	0.95	1	1	11.216694
SU4_serv	BOBJ1	191.25	After	Interior Girder 2	191.25	0.95	1	1	11.216694
SU4_serv	BOBJ1	191.25	After	Right Exterior Girder	191.25	0.95	1	1	12.026247
SU4_serv	BOBJ1	199.9414	Before	Left Exterior Girder	199.9414	0.95	1	1	9.310408
SU4_serv	BOBJ1	199.9414	Before	Interior Girder 1	199.9414	0.95	1	1	8.616534
SU4_serv	BOBJ1	199.9414	Before	Interior Girder 2	199.9414	0.95	1	1	8.616534
SU4_serv	BOBJ1	199.9414	Before	Right Exterior Girder	199.9414	0.95	1	1	9.310408
SU4_serv	BOBJ1	199.9414	After	Left Exterior Girder	199.9414	0.95	1	1	15.228939
SU4_serv	BOBJ1	199.9414	After	Interior Girder 1	199.9414	0.95	1	1	14.066611
SU4_serv	BOBJ1	199.9414	After	Interior Girder 2	199.9414	0.95	1	1	14.066612
SU4_serv	BOBJ1	199.9414	After	Right Exterior Girder	199.9414	0.95	1	1	15.228939
SU4_serv	BOBJ1	202.5	Before	Left Exterior Girder	202.5	0.95	1	1	14.017242
SU4_serv	BOBJ1	202.5	Before	Interior Girder 1	202.5	0.95	1	1	13.229084
SU4_serv	BOBJ1	202.5	Before	Interior Girder 2	202.5	0.95	1	1	13.229085
SU4_serv	BOBJ1	202.5	Before	Right Exterior Girder	202.5	0.95	1	1	14.017242
SU4_serv	BOBJ1	202.5	After	Left Exterior Girder	202.5	0.95	1	1	14.381332
SU4_serv	BOBJ1	202.5	After	Interior Girder 1	202.5	0.95	1	1	13.249566
SU4_serv	BOBJ1	202.5	After	Interior Girder 2	202.5	0.95	1	1	13.249567
SU4_serv	BOBJ1	202.5	After	Right Exterior Girder	202.5	0.95	1	1	14.381332
SU4_serv	BOBJ1	210.5642	Before	Left Exterior Girder	210.5642	0.95	1	1	10.793806
SU4_serv	BOBJ1	210.5642	Before	Interior Girder 1	210.5642	0.95	1	1	10.336109

TABLE: Bridge Super Rating AASHTORATE18 26 - SteelINonCompServ-Flx - Main Span Girders									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
SU4_serv	BOBJ1	210.5642	Before	Interior Girder 2	210.5642	0.95	1	1	10.336109
SU4_serv	BOBJ1	210.5642	Before	Right Exterior Girder	210.5642	0.95	1	1	10.793806
SU4_serv	BOBJ1	210.5642	After	Left Exterior Girder	210.5642	0.95	1	1	15.955015
SU4_serv	BOBJ1	210.5642	After	Interior Girder 1	210.5642	0.95	1	1	15.297493
SU4_serv	BOBJ1	210.5642	After	Interior Girder 2	210.5642	0.95	1	1	15.297493
SU4_serv	BOBJ1	210.5642	After	Right Exterior Girder	210.5642	0.95	1	1	15.955014
SU4_serv	BOBJ1	213.75	Before	Left Exterior Girder	213.75	0.95	1	1	14.341628
SU4_serv	BOBJ1	213.75	Before	Interior Girder 1	213.75	0.95	1	1	13.548549
SU4_serv	BOBJ1	213.75	Before	Interior Girder 2	213.75	0.95	1	1	13.548549
SU4_serv	BOBJ1	213.75	Before	Right Exterior Girder	213.75	0.95	1	1	14.341628
SU4_serv	BOBJ1	213.75	After	Left Exterior Girder	213.75	0.95	1	1	14.32413
SU4_serv	BOBJ1	213.75	After	Interior Girder 1	213.75	0.95	1	1	13.523917
SU4_serv	BOBJ1	213.75	After	Interior Girder 2	213.75	0.95	1	1	13.523917
SU4_serv	BOBJ1	213.75	After	Right Exterior Girder	213.75	0.95	1	1	14.32413
SU4_serv	BOBJ1	225	Before	Left Exterior Girder	225	0.95	1	1	9.097131
SU4_serv	BOBJ1	225	Before	Interior Girder 1	225	0.95	1	1	8.239627
SU4_serv	BOBJ1	225	Before	Interior Girder 2	225	0.95	1	1	8.239627
SU4_serv	BOBJ1	225	Before	Right Exterior Girder	225	0.95	1	1	9.097131
SU4_serv	BOBJ1	225	After	Left Exterior Girder	0	0.95	1	1	8.666417
SU4_serv	BOBJ1	225	After	Interior Girder 1	0	0.95	1	1	7.998983
SU4_serv	BOBJ1	225	After	Interior Girder 2	0	0.95	1	1	7.998983
SU4_serv	BOBJ1	225	After	Right Exterior Girder	0	0.95	1	1	8.666417
SU4_serv	BOBJ1	236.45	Before	Left Exterior Girder	11.45	0.95	1	1	14.479157
SU4_serv	BOBJ1	236.45	Before	Interior Girder 1	11.45	0.95	1	1	14.401629
SU4_serv	BOBJ1	236.45	Before	Interior Girder 2	11.45	0.95	1	1	14.401629
SU4_serv	BOBJ1	236.45	Before	Right Exterior Girder	11.45	0.95	1	1	14.479156
SU4_serv	BOBJ1	236.45	After	Left Exterior Girder	11.45	0.95	1	1	14.508927
SU4_serv	BOBJ1	236.45	After	Interior Girder 1	11.45	0.95	1	1	14.409069
SU4_serv	BOBJ1	236.45	After	Interior Girder 2	11.45	0.95	1	1	14.409069
SU4_serv	BOBJ1	236.45	After	Right Exterior Girder	11.45	0.95	1	1	14.508927
SU4_serv	BOBJ1	239.5082	Before	Left Exterior Girder	14.5082	0.95	1	1	16.484269
SU4_serv	BOBJ1	239.5082	Before	Interior Girder 1	14.5082	0.95	1	1	16.459333
SU4_serv	BOBJ1	239.5082	Before	Interior Girder 2	14.5082	0.95	1	1	16.459333
SU4_serv	BOBJ1	239.5082	Before	Right Exterior Girder	14.5082	0.95	1	1	16.484269
SU4_serv	BOBJ1	239.5082	After	Left Exterior Girder	14.5082	0.95	1	1	11.218626
SU4_serv	BOBJ1	239.5082	After	Interior Girder 1	14.5082	0.95	1	1	11.208538
SU4_serv	BOBJ1	239.5082	After	Interior Girder 2	14.5082	0.95	1	1	11.208538
SU4_serv	BOBJ1	239.5082	After	Right Exterior Girder	14.5082	0.95	1	1	11.218626
SU4_serv	BOBJ1	247.9	Before	Left Exterior Girder	22.9	0.95	1	1	16.442282
SU4_serv	BOBJ1	247.9	Before	Interior Girder 1	22.9	0.95	1	1	16.244856
SU4_serv	BOBJ1	247.9	Before	Interior Girder 2	22.9	0.95	1	1	16.244856
SU4_serv	BOBJ1	247.9	Before	Right Exterior Girder	22.9	0.95	1	1	16.442282
SU4_serv	BOBJ1	247.9	After	Left Exterior Girder	22.9	0.95	1	1	16.05285
SU4_serv	BOBJ1	247.9	After	Interior Girder 1	22.9	0.95	1	1	16.261461
SU4_serv	BOBJ1	247.9	After	Interior Girder 2	22.9	0.95	1	1	16.261461
SU4_serv	BOBJ1	247.9	After	Right Exterior Girder	22.9	0.95	1	1	16.05285
SU4_serv	BOBJ1	258.5189	Before	Left Exterior Girder	33.5189	0.95	1	1	22.251538
SU4_serv	BOBJ1	258.5189	Before	Interior Girder 1	33.5189	0.95	1	1	20.782171
SU4_serv	BOBJ1	258.5189	Before	Interior Girder 2	33.5189	0.95	1	1	20.782171
SU4_serv	BOBJ1	258.5189	Before	Right Exterior Girder	33.5189	0.95	1	1	22.251538
SU4_serv	BOBJ1	258.5189	After	Left Exterior Girder	33.5189	0.95	1	1	15.450035
SU4_serv	BOBJ1	258.5189	After	Interior Girder 1	33.5189	0.95	1	1	14.273841
SU4_serv	BOBJ1	258.5189	After	Interior Girder 2	33.5189	0.95	1	1	14.273841
SU4_serv	BOBJ1	258.5189	After	Right Exterior Girder	33.5189	0.95	1	1	15.450035
SU4_serv	BOBJ1	259.3	Before	Left Exterior Girder	34.3	0.95	1	1	15.767193
SU4_serv	BOBJ1	259.3	Before	Interior Girder 1	34.3	0.95	1	1	14.584946
SU4_serv	BOBJ1	259.3	Before	Interior Girder 2	34.3	0.95	1	1	14.584946
SU4_serv	BOBJ1	259.3	Before	Right Exterior Girder	34.3	0.95	1	1	15.767193
SU4_serv	BOBJ1	259.3	After	Left Exterior Girder	34.3	0.95	1	1	15.759767
SU4_serv	BOBJ1	259.3	After	Interior Girder 1	34.3	0.95	1	1	14.591391
SU4_serv	BOBJ1	259.3	After	Interior Girder 2	34.3	0.95	1	1	14.591391
SU4_serv	BOBJ1	259.3	After	Right Exterior Girder	34.3	0.95	1	1	15.759767
SU4_serv	BOBJ1	266.1031	Before	Left Exterior Girder	41.1031	0.95	1	1	18.438495
SU4_serv	BOBJ1	266.1031	Before	Interior Girder 1	41.1031	0.95	1	1	17.348242
SU4_serv	BOBJ1	266.1031	Before	Interior Girder 2	41.1031	0.95	1	1	17.348242
SU4_serv	BOBJ1	266.1031	Before	Right Exterior Girder	41.1031	0.95	1	1	18.438496
SU4_serv	BOBJ1	266.1031	After	Left Exterior Girder	41.1031	0.95	1	1	9.89264
SU4_serv	BOBJ1	266.1031	After	Interior Girder 1	41.1031	0.95	1	1	9.314188
SU4_serv	BOBJ1	266.1031	After	Interior Girder 2	41.1031	0.95	1	1	9.314187
SU4_serv	BOBJ1	266.1031	After	Right Exterior Girder	41.1031	0.95	1	1	9.89264

TABLE: Bridge Super Rating AASHTORATE18 26 - SteelNonCompServ-Flx - Main Span Girders									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
SU4_serv	BOBJ1	270.7	Before	Left Exterior Girder	45.7	0.95	1	1	11.56973
SU4_serv	BOBJ1	270.7	Before	Interior Girder 1	45.7	0.95	1	1	11.008425
SU4_serv	BOBJ1	270.7	Before	Interior Girder 2	45.7	0.95	1	1	11.008425
SU4_serv	BOBJ1	270.7	Before	Right Exterior Girder	45.7	0.95	1	1	11.56973
SU4_serv	BOBJ1	270.7	After	Left Exterior Girder	45.7	0.95	1	1	11.652474
SU4_serv	BOBJ1	270.7	After	Interior Girder 1	45.7	0.95	1	1	11.073398
SU4_serv	BOBJ1	270.7	After	Interior Girder 2	45.7	0.95	1	1	11.073398
SU4_serv	BOBJ1	270.7	After	Right Exterior Girder	45.7	0.95	1	1	11.652474
SU4_serv	BOBJ1	273.6874	Before	Left Exterior Girder	48.6874	0.95	1	1	12.766056
SU4_serv	BOBJ1	273.6874	Before	Interior Girder 1	48.6874	0.95	1	1	12.180358
SU4_serv	BOBJ1	273.6874	Before	Interior Girder 2	48.6874	0.95	1	1	12.180358
SU4_serv	BOBJ1	273.6874	Before	Right Exterior Girder	48.6874	0.95	1	1	12.766056
SU4_serv	BOBJ1	273.6874	After	Left Exterior Girder	48.6874	0.95	1	1	5.495018
SU4_serv	BOBJ1	273.6874	After	Interior Girder 1	48.6874	0.95	1	1	5.280433
SU4_serv	BOBJ1	273.6874	After	Interior Girder 2	48.6874	0.95	1	1	5.280433
SU4_serv	BOBJ1	273.6874	After	Right Exterior Girder	48.6874	0.95	1	1	5.495018
SU4_serv	BOBJ1	282.15	Before	Left Exterior Girder	57.15	0.95	1	1	8.421562
SU4_serv	BOBJ1	282.15	Before	Interior Girder 1	57.15	0.95	1	1	7.923943
SU4_serv	BOBJ1	282.15	Before	Interior Girder 2	57.15	0.95	1	1	7.923943
SU4_serv	BOBJ1	282.15	Before	Right Exterior Girder	57.15	0.95	1	1	8.421562
SU4_serv	BOBJ1	282.15	After	Left Exterior Girder	57.15	0.95	1	1	8.409588
SU4_serv	BOBJ1	282.15	After	Interior Girder 1	57.15	0.95	1	1	7.941464
SU4_serv	BOBJ1	282.15	After	Interior Girder 2	57.15	0.95	1	1	7.941464
SU4_serv	BOBJ1	282.15	After	Right Exterior Girder	57.15	0.95	1	1	8.409588
SU4_serv	BOBJ1	293.6	Before	Left Exterior Girder	68.6	0.95	1	1	6.154166
SU4_serv	BOBJ1	293.6	Before	Interior Girder 1	68.6	0.95	1	1	4.844211
SU4_serv	BOBJ1	293.6	Before	Interior Girder 2	68.6	0.95	1	1	4.844211
SU4_serv	BOBJ1	293.6	Before	Right Exterior Girder	68.6	0.95	1	1	6.154166
SU4_serv	BOBJ1	293.6	After	Left Exterior Girder	68.6	0.95	1	1	6.35115
SU4_serv	BOBJ1	293.6	After	Interior Girder 1	68.6	0.95	1	1	4.917111
SU4_serv	BOBJ1	293.6	After	Interior Girder 2	68.6	0.95	1	1	4.917111
SU4_serv	BOBJ1	293.6	After	Right Exterior Girder	68.6	0.95	1	1	6.351149
SU4_serv	BOBJ1	305	Before	Left Exterior Girder	80	0.95	1	1	3.465197
SU4_serv	BOBJ1	305	Before	Interior Girder 1	80	0.95	1	1	2.747459
SU4_serv	BOBJ1	305	Before	Interior Girder 2	80	0.95	1	1	2.747459
SU4_serv	BOBJ1	305	Before	Right Exterior Girder	80	0.95	1	1	3.465197
SU4_serv	BOBJ1	305	After	Left Exterior Girder	80	0.95	1	1	3.463449
SU4_serv	BOBJ1	305	After	Interior Girder 1	80	0.95	1	1	2.746549
SU4_serv	BOBJ1	305	After	Interior Girder 2	80	0.95	1	1	2.74655
SU4_serv	BOBJ1	305	After	Right Exterior Girder	80	0.95	1	1	3.463449
SU4_serv	BOBJ1	306.9561	Before	Left Exterior Girder	81.9561	0.95	1	1	3.073386
SU4_serv	BOBJ1	306.9561	Before	Interior Girder 1	81.9561	0.95	1	1	2.462724
SU4_serv	BOBJ1	306.9561	Before	Interior Girder 2	81.9561	0.95	1	1	2.462724
SU4_serv	BOBJ1	306.9561	Before	Right Exterior Girder	81.9561	0.95	1	1	3.073386
SU4_serv	BOBJ1	306.9561	After	Left Exterior Girder	81.9561	0.95	1	1	8.041414
SU4_serv	BOBJ1	306.9561	After	Interior Girder 1	81.9561	0.95	1	1	6.525034
SU4_serv	BOBJ1	306.9561	After	Interior Girder 2	81.9561	0.95	1	1	6.525034
SU4_serv	BOBJ1	306.9561	After	Right Exterior Girder	81.9561	0.95	1	1	8.041414
SU4_serv	BOBJ1	316.4	Before	Left Exterior Girder	91.4	0.95	1	1	5.92781
SU4_serv	BOBJ1	316.4	Before	Interior Girder 1	91.4	0.95	1	1	5.006707
SU4_serv	BOBJ1	316.4	Before	Interior Girder 2	91.4	0.95	1	1	5.006707
SU4_serv	BOBJ1	316.4	Before	Right Exterior Girder	91.4	0.95	1	1	5.92781
SU4_serv	BOBJ1	316.4	After	Left Exterior Girder	91.4	0.95	1	1	5.998486
SU4_serv	BOBJ1	316.4	After	Interior Girder 1	91.4	0.95	1	1	4.983809
SU4_serv	BOBJ1	316.4	After	Interior Girder 2	91.4	0.95	1	1	4.983809
SU4_serv	BOBJ1	316.4	After	Right Exterior Girder	91.4	0.95	1	1	5.998485
SU4_serv	BOBJ1	327.85	Before	Left Exterior Girder	102.9679	0.95	1	1	4.30933
SU4_serv	BOBJ1	327.85	Before	Interior Girder 1	102.9679	0.95	1	1	3.602776
SU4_serv	BOBJ1	327.85	Before	Interior Girder 2	102.9679	0.95	1	1	3.602776
SU4_serv	BOBJ1	327.85	Before	Right Exterior Girder	102.9679	0.95	1	1	4.30933
SU4_serv	BOBJ1	327.85	After	Left Exterior Girder	102.9679	0.95	1	1	8.321934
SU4_serv	BOBJ1	327.85	After	Interior Girder 1	102.9679	0.95	1	1	7.077674
SU4_serv	BOBJ1	327.85	After	Interior Girder 2	102.9679	0.95	1	1	7.077674
SU4_serv	BOBJ1	327.85	After	Right Exterior Girder	102.9679	0.95	1	1	8.321934
SU4_serv	BOBJ1	339.3	Before	Left Exterior Girder	114.3	0.95	1	1	6.780681
SU4_serv	BOBJ1	339.3	Before	Interior Girder 1	114.3	0.95	1	1	5.946379
SU4_serv	BOBJ1	339.3	Before	Interior Girder 2	114.3	0.95	1	1	5.946379
SU4_serv	BOBJ1	339.3	Before	Right Exterior Girder	114.3	0.95	1	1	6.780681
SU4_serv	BOBJ1	339.3	After	Left Exterior Girder	114.3	0.95	1	1	6.821256
SU4_serv	BOBJ1	339.3	After	Interior Girder 1	114.3	0.95	1	1	5.932716

TABLE: Bridge Super Rating AASHTORATE18 26 - SteelINonCompServ-Flx - Main Span Girders									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
SU4_serv	BOBJ1	339.3	After	Interior Girder 2	114.3	0.95	1	1	5.932717
SU4_serv	BOBJ1	339.3	After	Right Exterior Girder	114.3	0.95	1	1	6.821256
SU4_serv	BOBJ1	350.7	Before	Left Exterior Girder	125.7	0.95	1	1	5.856935
SU4_serv	BOBJ1	350.7	Before	Interior Girder 1	125.7	0.95	1	1	5.0813
SU4_serv	BOBJ1	350.7	Before	Interior Girder 2	125.7	0.95	1	1	5.0813
SU4_serv	BOBJ1	350.7	Before	Right Exterior Girder	125.7	0.95	1	1	5.856935
SU4_serv	BOBJ1	350.7	After	Left Exterior Girder	125.7	0.95	1	1	5.852911
SU4_serv	BOBJ1	350.7	After	Interior Girder 1	125.7	0.95	1	1	5.085158
SU4_serv	BOBJ1	350.7	After	Interior Girder 2	125.7	0.95	1	1	5.085158
SU4_serv	BOBJ1	350.7	After	Right Exterior Girder	125.7	0.95	1	1	5.852911
SU4_serv	BOBJ1	362.1	Before	Left Exterior Girder	137.1	0.95	1	1	5.187344
SU4_serv	BOBJ1	362.1	Before	Interior Girder 1	137.1	0.95	1	1	4.604347
SU4_serv	BOBJ1	362.1	Before	Interior Girder 2	137.1	0.95	1	1	4.604347
SU4_serv	BOBJ1	362.1	Before	Right Exterior Girder	137.1	0.95	1	1	5.187344
SU4_serv	BOBJ1	362.1	After	Left Exterior Girder	137.1	0.95	1	1	5.209311
SU4_serv	BOBJ1	362.1	After	Interior Girder 1	137.1	0.95	1	1	4.609002
SU4_serv	BOBJ1	362.1	After	Interior Girder 2	137.1	0.95	1	1	4.609002
SU4_serv	BOBJ1	362.1	After	Right Exterior Girder	137.1	0.95	1	1	5.209311
SU4_serv	BOBJ1	373.55	Before	Left Exterior Girder	148.55	0.95	1	1	4.875066
SU4_serv	BOBJ1	373.55	Before	Interior Girder 1	148.55	0.95	1	1	4.27575
SU4_serv	BOBJ1	373.55	Before	Interior Girder 2	148.55	0.95	1	1	4.27575
SU4_serv	BOBJ1	373.55	Before	Right Exterior Girder	148.55	0.95	1	1	4.875066
SU4_serv	BOBJ1	373.55	After	Left Exterior Girder	148.55	0.95	1	1	4.872521
SU4_serv	BOBJ1	373.55	After	Interior Girder 1	148.55	0.95	1	1	4.27865
SU4_serv	BOBJ1	373.55	After	Interior Girder 2	148.55	0.95	1	1	4.27865
SU4_serv	BOBJ1	373.55	After	Right Exterior Girder	148.55	0.95	1	1	4.872521
SU4_serv	BOBJ1	385	Before	Left Exterior Girder	160	0.95	1	1	4.73633
SU4_serv	BOBJ1	385	Before	Interior Girder 1	160	0.95	1	1	4.216557
SU4_serv	BOBJ1	385	Before	Interior Girder 2	160	0.95	1	1	4.216557
SU4_serv	BOBJ1	385	Before	Right Exterior Girder	160	0.95	1	1	4.73633
SU4_serv	BOBJ1	385	After	Left Exterior Girder	160	0.95	1	1	4.73633
SU4_serv	BOBJ1	385	After	Interior Girder 1	160	0.95	1	1	4.216557
SU4_serv	BOBJ1	385	After	Interior Girder 2	160	0.95	1	1	4.216557
SU4_serv	BOBJ1	385	After	Right Exterior Girder	160	0.95	1	1	4.73633
SU4_serv	BOBJ1	396.45	Before	Left Exterior Girder	171.45	0.95	1	1	4.872521
SU4_serv	BOBJ1	396.45	Before	Interior Girder 1	171.45	0.95	1	1	4.27865
SU4_serv	BOBJ1	396.45	Before	Interior Girder 2	171.45	0.95	1	1	4.27865
SU4_serv	BOBJ1	396.45	Before	Right Exterior Girder	171.45	0.95	1	1	4.872521
SU4_serv	BOBJ1	396.45	After	Left Exterior Girder	171.45	0.95	1	1	4.875066
SU4_serv	BOBJ1	396.45	After	Interior Girder 1	171.45	0.95	1	1	4.27575
SU4_serv	BOBJ1	396.45	After	Interior Girder 2	171.45	0.95	1	1	4.275749
SU4_serv	BOBJ1	396.45	After	Right Exterior Girder	171.45	0.95	1	1	4.875066
SU4_serv	BOBJ1	407.9	Before	Left Exterior Girder	182.9	0.95	1	1	5.209312
SU4_serv	BOBJ1	407.9	Before	Interior Girder 1	182.9	0.95	1	1	4.609002
SU4_serv	BOBJ1	407.9	Before	Interior Girder 2	182.9	0.95	1	1	4.609002
SU4_serv	BOBJ1	407.9	Before	Right Exterior Girder	182.9	0.95	1	1	5.209312
SU4_serv	BOBJ1	407.9	After	Left Exterior Girder	182.9	0.95	1	1	5.187344
SU4_serv	BOBJ1	407.9	After	Interior Girder 1	182.9	0.95	1	1	4.604347
SU4_serv	BOBJ1	407.9	After	Interior Girder 2	182.9	0.95	1	1	4.604347
SU4_serv	BOBJ1	407.9	After	Right Exterior Girder	182.9	0.95	1	1	5.187344
SU4_serv	BOBJ1	419.3	Before	Left Exterior Girder	194.3	0.95	1	1	5.852911
SU4_serv	BOBJ1	419.3	Before	Interior Girder 1	194.3	0.95	1	1	5.085158
SU4_serv	BOBJ1	419.3	Before	Interior Girder 2	194.3	0.95	1	1	5.085158
SU4_serv	BOBJ1	419.3	Before	Right Exterior Girder	194.3	0.95	1	1	5.852911
SU4_serv	BOBJ1	419.3	After	Left Exterior Girder	194.3	0.95	1	1	5.856935
SU4_serv	BOBJ1	419.3	After	Interior Girder 1	194.3	0.95	1	1	5.0813
SU4_serv	BOBJ1	419.3	After	Interior Girder 2	194.3	0.95	1	1	5.081299
SU4_serv	BOBJ1	419.3	After	Right Exterior Girder	194.3	0.95	1	1	5.856935
SU4_serv	BOBJ1	430.7	Before	Left Exterior Girder	205.7	0.95	1	1	6.821256
SU4_serv	BOBJ1	430.7	Before	Interior Girder 1	205.7	0.95	1	1	5.932716
SU4_serv	BOBJ1	430.7	Before	Interior Girder 2	205.7	0.95	1	1	5.932716
SU4_serv	BOBJ1	430.7	Before	Right Exterior Girder	205.7	0.95	1	1	6.821256
SU4_serv	BOBJ1	430.7	After	Left Exterior Girder	205.7	0.95	1	1	6.780681
SU4_serv	BOBJ1	430.7	After	Interior Girder 1	205.7	0.95	1	1	5.946379
SU4_serv	BOBJ1	430.7	After	Interior Girder 2	205.7	0.95	1	1	5.946379
SU4_serv	BOBJ1	430.7	After	Right Exterior Girder	205.7	0.95	1	1	6.780681
SU4_serv	BOBJ1	442.15	Before	Left Exterior Girder	217.0321	0.95	1	1	8.308454
SU4_serv	BOBJ1	442.15	Before	Interior Girder 1	217.0321	0.95	1	1	7.07785
SU4_serv	BOBJ1	442.15	Before	Interior Girder 2	217.0321	0.95	1	1	7.07785
SU4_serv	BOBJ1	442.15	Before	Right Exterior Girder	217.0321	0.95	1	1	8.308454

TABLE: Bridge Super Rating AASHTORATE18 26 - SteelINonCompServ-Flx - Main Span Girders									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
SU4_serv	BOBJ1	442.15	After	Left Exterior Girder	217.0321	0.95	1	1	4.303467
SU4_serv	BOBJ1	442.15	After	Interior Girder 1	217.0321	0.95	1	1	3.601771
SU4_serv	BOBJ1	442.15	After	Interior Girder 2	217.0321	0.95	1	1	3.601771
SU4_serv	BOBJ1	442.15	After	Right Exterior Girder	217.0321	0.95	1	1	4.303467
SU4_serv	BOBJ1	453.6	Before	Left Exterior Girder	228.6	0.95	1	1	5.998486
SU4_serv	BOBJ1	453.6	Before	Interior Girder 1	228.6	0.95	1	1	4.983809
SU4_serv	BOBJ1	453.6	Before	Interior Girder 2	228.6	0.95	1	1	4.983809
SU4_serv	BOBJ1	453.6	Before	Right Exterior Girder	228.6	0.95	1	1	5.998485
SU4_serv	BOBJ1	453.6	After	Left Exterior Girder	228.6	0.95	1	1	5.92781
SU4_serv	BOBJ1	453.6	After	Interior Girder 1	228.6	0.95	1	1	5.006707
SU4_serv	BOBJ1	453.6	After	Interior Girder 2	228.6	0.95	1	1	5.006707
SU4_serv	BOBJ1	453.6	After	Right Exterior Girder	228.6	0.95	1	1	5.927809
SU4_serv	BOBJ1	463.0439	Before	Left Exterior Girder	238.0439	0.95	1	1	8.018251
SU4_serv	BOBJ1	463.0439	Before	Interior Girder 1	238.0439	0.95	1	1	6.524827
SU4_serv	BOBJ1	463.0439	Before	Interior Girder 2	238.0439	0.95	1	1	6.524827
SU4_serv	BOBJ1	463.0439	Before	Right Exterior Girder	238.0439	0.95	1	1	8.018251
SU4_serv	BOBJ1	463.0439	After	Left Exterior Girder	238.0439	0.95	1	1	3.065532
SU4_serv	BOBJ1	463.0439	After	Interior Girder 1	238.0439	0.95	1	1	2.461372
SU4_serv	BOBJ1	463.0439	After	Interior Girder 2	238.0439	0.95	1	1	2.461373
SU4_serv	BOBJ1	463.0439	After	Right Exterior Girder	238.0439	0.95	1	1	3.065532
SU4_serv	BOBJ1	465	Before	Left Exterior Girder	240	0.95	1	1	3.463449
SU4_serv	BOBJ1	465	Before	Interior Girder 1	240	0.95	1	1	2.746549
SU4_serv	BOBJ1	465	Before	Interior Girder 2	240	0.95	1	1	2.74655
SU4_serv	BOBJ1	465	Before	Right Exterior Girder	240	0.95	1	1	3.463449
SU4_serv	BOBJ1	465	After	Left Exterior Girder	240	0.95	1	1	3.465197
SU4_serv	BOBJ1	465	After	Interior Girder 1	240	0.95	1	1	2.747459
SU4_serv	BOBJ1	465	After	Interior Girder 2	240	0.95	1	1	2.747459
SU4_serv	BOBJ1	465	After	Right Exterior Girder	240	0.95	1	1	3.465197
SU4_serv	BOBJ1	476.4	Before	Left Exterior Girder	251.4	0.95	1	1	6.35115
SU4_serv	BOBJ1	476.4	Before	Interior Girder 1	251.4	0.95	1	1	4.917111
SU4_serv	BOBJ1	476.4	Before	Interior Girder 2	251.4	0.95	1	1	4.917111
SU4_serv	BOBJ1	476.4	Before	Right Exterior Girder	251.4	0.95	1	1	6.351149
SU4_serv	BOBJ1	476.4	After	Left Exterior Girder	251.4	0.95	1	1	6.154165
SU4_serv	BOBJ1	476.4	After	Interior Girder 1	251.4	0.95	1	1	4.844211
SU4_serv	BOBJ1	476.4	After	Interior Girder 2	251.4	0.95	1	1	4.844211
SU4_serv	BOBJ1	476.4	After	Right Exterior Girder	251.4	0.95	1	1	6.154165
SU4_serv	BOBJ1	487.85	Before	Left Exterior Girder	262.85	0.95	1	1	8.409588
SU4_serv	BOBJ1	487.85	Before	Interior Girder 1	262.85	0.95	1	1	7.941464
SU4_serv	BOBJ1	487.85	Before	Interior Girder 2	262.85	0.95	1	1	7.941464
SU4_serv	BOBJ1	487.85	Before	Right Exterior Girder	262.85	0.95	1	1	8.409588
SU4_serv	BOBJ1	487.85	After	Left Exterior Girder	262.85	0.95	1	1	8.421562
SU4_serv	BOBJ1	487.85	After	Interior Girder 1	262.85	0.95	1	1	7.923943
SU4_serv	BOBJ1	487.85	After	Interior Girder 2	262.85	0.95	1	1	7.923944
SU4_serv	BOBJ1	487.85	After	Right Exterior Girder	262.85	0.95	1	1	8.421562
SU4_serv	BOBJ1	496.3126	Before	Left Exterior Girder	271.3126	0.95	1	1	5.496509
SU4_serv	BOBJ1	496.3126	Before	Interior Girder 1	271.3126	0.95	1	1	5.285452
SU4_serv	BOBJ1	496.3126	Before	Interior Girder 2	271.3126	0.95	1	1	5.285452
SU4_serv	BOBJ1	496.3126	Before	Right Exterior Girder	271.3126	0.95	1	1	5.496509
SU4_serv	BOBJ1	496.3126	After	Left Exterior Girder	271.3126	0.95	1	1	12.770655
SU4_serv	BOBJ1	496.3126	After	Interior Girder 1	271.3126	0.95	1	1	12.19033
SU4_serv	BOBJ1	496.3126	After	Interior Girder 2	271.3126	0.95	1	1	12.19033
SU4_serv	BOBJ1	496.3126	After	Right Exterior Girder	271.3126	0.95	1	1	12.770655
SU4_serv	BOBJ1	499.3	Before	Left Exterior Girder	274.3	0.95	1	1	11.652474
SU4_serv	BOBJ1	499.3	Before	Interior Girder 1	274.3	0.95	1	1	11.073398
SU4_serv	BOBJ1	499.3	Before	Interior Girder 2	274.3	0.95	1	1	11.073398
SU4_serv	BOBJ1	499.3	Before	Right Exterior Girder	274.3	0.95	1	1	11.652474
SU4_serv	BOBJ1	499.3	After	Left Exterior Girder	274.3	0.95	1	1	11.569729
SU4_serv	BOBJ1	499.3	After	Interior Girder 1	274.3	0.95	1	1	11.008425
SU4_serv	BOBJ1	499.3	After	Interior Girder 2	274.3	0.95	1	1	11.008425
SU4_serv	BOBJ1	499.3	After	Right Exterior Girder	274.3	0.95	1	1	11.569729
SU4_serv	BOBJ1	503.8969	Before	Left Exterior Girder	278.8969	0.95	1	1	9.89264
SU4_serv	BOBJ1	503.8969	Before	Interior Girder 1	278.8969	0.95	1	1	9.314187
SU4_serv	BOBJ1	503.8969	Before	Interior Girder 2	278.8969	0.95	1	1	9.314187
SU4_serv	BOBJ1	503.8969	Before	Right Exterior Girder	278.8969	0.95	1	1	9.89264
SU4_serv	BOBJ1	503.8969	After	Left Exterior Girder	278.8969	0.95	1	1	18.438495
SU4_serv	BOBJ1	503.8969	After	Interior Girder 1	278.8969	0.95	1	1	17.348242
SU4_serv	BOBJ1	503.8969	After	Interior Girder 2	278.8969	0.95	1	1	17.348242
SU4_serv	BOBJ1	503.8969	After	Right Exterior Girder	278.8969	0.95	1	1	18.438495
SU4_serv	BOBJ1	510.7	Before	Left Exterior Girder	285.7	0.95	1	1	15.759767
SU4_serv	BOBJ1	510.7	Before	Interior Girder 1	285.7	0.95	1	1	14.591391

TABLE: Bridge Super Rating AASHTORATE18 26 - SteelINonCompServ-Flx - Main Span Girders									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
SU4_serv	BOBJ1	510.7	Before	Interior Girder 2	285.7	0.95	1	1	14.59139
SU4_serv	BOBJ1	510.7	Before	Right Exterior Girder	285.7	0.95	1	1	15.759767
SU4_serv	BOBJ1	510.7	After	Left Exterior Girder	285.7	0.95	1	1	15.767192
SU4_serv	BOBJ1	510.7	After	Interior Girder 1	285.7	0.95	1	1	14.584946
SU4_serv	BOBJ1	510.7	After	Interior Girder 2	285.7	0.95	1	1	14.584945
SU4_serv	BOBJ1	510.7	After	Right Exterior Girder	285.7	0.95	1	1	15.767192
SU4_serv	BOBJ1	511.4811	Before	Left Exterior Girder	286.4811	0.95	1	1	15.453226
SU4_serv	BOBJ1	511.4811	Before	Interior Girder 1	286.4811	0.95	1	1	14.281048
SU4_serv	BOBJ1	511.4811	Before	Interior Girder 2	286.4811	0.95	1	1	14.281048
SU4_serv	BOBJ1	511.4811	Before	Right Exterior Girder	286.4811	0.95	1	1	15.453226
SU4_serv	BOBJ1	511.4811	After	Left Exterior Girder	286.4811	0.95	1	1	22.311659
SU4_serv	BOBJ1	511.4811	After	Interior Girder 1	286.4811	0.95	1	1	20.790854
SU4_serv	BOBJ1	511.4811	After	Interior Girder 2	286.4811	0.95	1	1	20.790853
SU4_serv	BOBJ1	511.4811	After	Right Exterior Girder	286.4811	0.95	1	1	22.311659
SU4_serv	BOBJ1	522.1	Before	Left Exterior Girder	297.1	0.95	1	1	16.052851
SU4_serv	BOBJ1	522.1	Before	Interior Girder 1	297.1	0.95	1	1	16.261461
SU4_serv	BOBJ1	522.1	Before	Interior Girder 2	297.1	0.95	1	1	16.261461
SU4_serv	BOBJ1	522.1	Before	Right Exterior Girder	297.1	0.95	1	1	16.052851
SU4_serv	BOBJ1	522.1	After	Left Exterior Girder	297.1	0.95	1	1	16.442283
SU4_serv	BOBJ1	522.1	After	Interior Girder 1	297.1	0.95	1	1	16.244856
SU4_serv	BOBJ1	522.1	After	Interior Girder 2	297.1	0.95	1	1	16.244855
SU4_serv	BOBJ1	522.1	After	Right Exterior Girder	297.1	0.95	1	1	16.442283
SU4_serv	BOBJ1	530.4918	Before	Left Exterior Girder	305.4918	0.95	1	1	11.218627
SU4_serv	BOBJ1	530.4918	Before	Interior Girder 1	305.4918	0.95	1	1	11.208537
SU4_serv	BOBJ1	530.4918	Before	Interior Girder 2	305.4918	0.95	1	1	11.208538
SU4_serv	BOBJ1	530.4918	Before	Right Exterior Girder	305.4918	0.95	1	1	11.218627
SU4_serv	BOBJ1	530.4918	After	Left Exterior Girder	305.4918	0.95	1	1	16.48427
SU4_serv	BOBJ1	530.4918	After	Interior Girder 1	305.4918	0.95	1	1	16.459332
SU4_serv	BOBJ1	530.4918	After	Interior Girder 2	305.4918	0.95	1	1	16.459333
SU4_serv	BOBJ1	530.4918	After	Right Exterior Girder	305.4918	0.95	1	1	16.48427
SU4_serv	BOBJ1	533.55	Before	Left Exterior Girder	308.55	0.95	1	1	14.508928
SU4_serv	BOBJ1	533.55	Before	Interior Girder 1	308.55	0.95	1	1	14.409068
SU4_serv	BOBJ1	533.55	Before	Interior Girder 2	308.55	0.95	1	1	14.40907
SU4_serv	BOBJ1	533.55	Before	Right Exterior Girder	308.55	0.95	1	1	14.508928
SU4_serv	BOBJ1	533.55	After	Left Exterior Girder	308.55	0.95	1	1	14.479158
SU4_serv	BOBJ1	533.55	After	Interior Girder 1	308.55	0.95	1	1	14.401628
SU4_serv	BOBJ1	533.55	After	Interior Girder 2	308.55	0.95	1	1	14.401629
SU4_serv	BOBJ1	533.55	After	Right Exterior Girder	308.55	0.95	1	1	14.479157
SU4_serv	BOBJ1	545	Before	Left Exterior Girder	320	0.95	1	1	8.666417
SU4_serv	BOBJ1	545	Before	Interior Girder 1	320	0.95	1	1	7.998983
SU4_serv	BOBJ1	545	Before	Interior Girder 2	320	0.95	1	1	7.998984
SU4_serv	BOBJ1	545	Before	Right Exterior Girder	320	0.95	1	1	8.666417
SU4_serv	BOBJ1	545	After	Left Exterior Girder	0	0.95	1	1	9.097132
SU4_serv	BOBJ1	545	After	Interior Girder 1	0	0.95	1	1	8.242375
SU4_serv	BOBJ1	545	After	Interior Girder 2	0	0.95	1	1	8.242375
SU4_serv	BOBJ1	545	After	Right Exterior Girder	0	0.95	1	1	9.097132
SU4_serv	BOBJ1	556.25	Before	Left Exterior Girder	11.25	0.95	1	1	14.32413
SU4_serv	BOBJ1	556.25	Before	Interior Girder 1	11.25	0.95	1	1	13.523898
SU4_serv	BOBJ1	556.25	Before	Interior Girder 2	11.25	0.95	1	1	13.523898
SU4_serv	BOBJ1	556.25	Before	Right Exterior Girder	11.25	0.95	1	1	14.32413
SU4_serv	BOBJ1	556.25	After	Left Exterior Girder	11.25	0.95	1	1	14.341628
SU4_serv	BOBJ1	556.25	After	Interior Girder 1	11.25	0.95	1	1	13.548549
SU4_serv	BOBJ1	556.25	After	Interior Girder 2	11.25	0.95	1	1	13.548549
SU4_serv	BOBJ1	556.25	After	Right Exterior Girder	11.25	0.95	1	1	14.341628
SU4_serv	BOBJ1	559.4358	Before	Left Exterior Girder	14.4358	0.95	1	1	15.955015
SU4_serv	BOBJ1	559.4358	Before	Interior Girder 1	14.4358	0.95	1	1	15.297494
SU4_serv	BOBJ1	559.4358	Before	Interior Girder 2	14.4358	0.95	1	1	15.297494
SU4_serv	BOBJ1	559.4358	Before	Right Exterior Girder	14.4358	0.95	1	1	15.955014
SU4_serv	BOBJ1	559.4358	After	Left Exterior Girder	14.4358	0.95	1	1	10.793806
SU4_serv	BOBJ1	559.4358	After	Interior Girder 1	14.4358	0.95	1	1	10.336109
SU4_serv	BOBJ1	559.4358	After	Interior Girder 2	14.4358	0.95	1	1	10.336109
SU4_serv	BOBJ1	559.4358	After	Right Exterior Girder	14.4358	0.95	1	1	10.793806
SU4_serv	BOBJ1	567.5	Before	Left Exterior Girder	22.5	0.95	1	1	14.381333
SU4_serv	BOBJ1	567.5	Before	Interior Girder 1	22.5	0.95	1	1	13.249567
SU4_serv	BOBJ1	567.5	Before	Interior Girder 2	22.5	0.95	1	1	13.249567
SU4_serv	BOBJ1	567.5	Before	Right Exterior Girder	22.5	0.95	1	1	14.381332
SU4_serv	BOBJ1	567.5	After	Left Exterior Girder	22.5	0.95	1	1	14.017243
SU4_serv	BOBJ1	567.5	After	Interior Girder 1	22.5	0.95	1	1	13.229085
SU4_serv	BOBJ1	567.5	After	Interior Girder 2	22.5	0.95	1	1	13.229085
SU4_serv	BOBJ1	567.5	After	Right Exterior Girder	22.5	0.95	1	1	14.017243

TABLE: Bridge Super Rating AASHTORATE18 26 - SteelINonCompServ-Flx - Main Span Girders									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
SU4_serv	BOBJ1	570.0586	Before	Left Exterior Girder	25.0586	0.95	1	1	15.239933
SU4_serv	BOBJ1	570.0586	Before	Interior Girder 1	25.0586	0.95	1	1	14.059868
SU4_serv	BOBJ1	570.0586	Before	Interior Girder 2	25.0586	0.95	1	1	14.059868
SU4_serv	BOBJ1	570.0586	Before	Right Exterior Girder	25.0586	0.95	1	1	15.239933
SU4_serv	BOBJ1	570.0586	After	Left Exterior Girder	25.0586	0.95	1	1	9.317849
SU4_serv	BOBJ1	570.0586	After	Interior Girder 1	25.0586	0.95	1	1	8.610748
SU4_serv	BOBJ1	570.0586	After	Interior Girder 2	25.0586	0.95	1	1	8.610748
SU4_serv	BOBJ1	570.0586	After	Right Exterior Girder	25.0586	0.95	1	1	9.317849
SU4_serv	BOBJ1	578.75	Before	Left Exterior Girder	33.75	0.95	1	1	12.026247
SU4_serv	BOBJ1	578.75	Before	Interior Girder 1	33.75	0.95	1	1	11.216695
SU4_serv	BOBJ1	578.75	Before	Interior Girder 2	33.75	0.95	1	1	11.216695
SU4_serv	BOBJ1	578.75	Before	Right Exterior Girder	33.75	0.95	1	1	12.026246
SU4_serv	BOBJ1	578.75	After	Left Exterior Girder	33.75	0.95	1	1	12.000355
SU4_serv	BOBJ1	578.75	After	Interior Girder 1	33.75	0.95	1	1	11.233948
SU4_serv	BOBJ1	578.75	After	Interior Girder 2	33.75	0.95	1	1	11.233948
SU4_serv	BOBJ1	578.75	After	Right Exterior Girder	33.75	0.95	1	1	12.000355
SU4_serv	BOBJ1	586.8142	Before	Left Exterior Girder	41.8142	0.95	1	1	14.456393
SU4_serv	BOBJ1	586.8142	Before	Interior Girder 1	41.8142	0.95	1	1	13.743418
SU4_serv	BOBJ1	586.8142	Before	Interior Girder 2	41.8142	0.95	1	1	13.743418
SU4_serv	BOBJ1	586.8142	Before	Right Exterior Girder	41.8142	0.95	1	1	14.456393
SU4_serv	BOBJ1	586.8142	After	Left Exterior Girder	41.8142	0.95	1	1	6.907091
SU4_serv	BOBJ1	586.8142	After	Interior Girder 1	41.8142	0.95	1	1	6.586446
SU4_serv	BOBJ1	586.8142	After	Interior Girder 2	41.8142	0.95	1	1	6.586446
SU4_serv	BOBJ1	586.8142	After	Right Exterior Girder	41.8142	0.95	1	1	6.907091
SU4_serv	BOBJ1	590	Before	Left Exterior Girder	45	0.95	1	1	7.76544
SU4_serv	BOBJ1	590	Before	Interior Girder 1	45	0.95	1	1	7.455858
SU4_serv	BOBJ1	590	Before	Interior Girder 2	45	0.95	1	1	7.455858
SU4_serv	BOBJ1	590	Before	Right Exterior Girder	45	0.95	1	1	7.76544
SU4_serv	BOBJ1	590	After	Left Exterior Girder	45	0.95	1	1	7.802302
SU4_serv	BOBJ1	590	After	Interior Girder 1	45	0.95	1	1	7.480137
SU4_serv	BOBJ1	590	After	Interior Girder 2	45	0.95	1	1	7.480137
SU4_serv	BOBJ1	590	After	Right Exterior Girder	45	0.95	1	1	7.802302
SU4_serv	BOBJ1	601.25	Before	Left Exterior Girder	56.25	0.95	1	1	10.910522
SU4_serv	BOBJ1	601.25	Before	Interior Girder 1	56.25	0.95	1	1	10.608967
SU4_serv	BOBJ1	601.25	Before	Interior Girder 2	56.25	0.95	1	1	10.608967
SU4_serv	BOBJ1	601.25	Before	Right Exterior Girder	56.25	0.95	1	1	10.910522
SU4_serv	BOBJ1	601.25	After	Left Exterior Girder	56.25	0.95	1	1	10.895884
SU4_serv	BOBJ1	601.25	After	Interior Girder 1	56.25	0.95	1	1	10.621869
SU4_serv	BOBJ1	601.25	After	Interior Girder 2	56.25	0.95	1	1	10.621869
SU4_serv	BOBJ1	601.25	After	Right Exterior Girder	56.25	0.95	1	1	10.895884
SU4_serv	BOBJ1	601.7478	Before	Left Exterior Girder	56.7478	0.95	1	1	11.035585
SU4_serv	BOBJ1	601.7478	Before	Interior Girder 1	56.7478	0.95	1	1	10.766765
SU4_serv	BOBJ1	601.7478	Before	Interior Girder 2	56.7478	0.95	1	1	10.766765
SU4_serv	BOBJ1	601.7478	Before	Right Exterior Girder	56.7478	0.95	1	1	11.035585
SU4_serv	BOBJ1	601.7478	After	Left Exterior Girder	56.7478	0.95	1	1	4.388047
SU4_serv	BOBJ1	601.7478	After	Interior Girder 1	56.7478	0.95	1	1	4.315989
SU4_serv	BOBJ1	601.7478	After	Interior Girder 2	56.7478	0.95	1	1	4.315989
SU4_serv	BOBJ1	601.7478	After	Right Exterior Girder	56.7478	0.95	1	1	4.388047
SU4_serv	BOBJ1	612.5	Before	Left Exterior Girder	67.5	0.95	1	1	7.06092
SU4_serv	BOBJ1	612.5	Before	Interior Girder 1	67.5	0.95	1	1	7.007407
SU4_serv	BOBJ1	612.5	Before	Interior Girder 2	67.5	0.95	1	1	7.007407
SU4_serv	BOBJ1	612.5	Before	Right Exterior Girder	67.5	0.95	1	1	7.06092
SU4_serv	BOBJ1	612.5	After	Left Exterior Girder	67.5	0.95	1	1	6.999566
SU4_serv	BOBJ1	612.5	After	Interior Girder 1	67.5	0.95	1	1	6.970317
SU4_serv	BOBJ1	612.5	After	Interior Girder 2	67.5	0.95	1	1	6.970317
SU4_serv	BOBJ1	612.5	After	Right Exterior Girder	67.5	0.95	1	1	6.999566
SU4_serv	BOBJ1	623.75	Before	Left Exterior Girder	78.75	0.95	1	1	6.297321
SU4_serv	BOBJ1	623.75	Before	Interior Girder 1	78.75	0.95	1	1	5.181294
SU4_serv	BOBJ1	623.75	Before	Interior Girder 2	78.75	0.95	1	1	5.181294
SU4_serv	BOBJ1	623.75	Before	Right Exterior Girder	78.75	0.95	1	1	6.297321
SU4_serv	BOBJ1	623.75	After	Left Exterior Girder	78.75	0.95	1	1	6.301502
SU4_serv	BOBJ1	623.75	After	Interior Girder 1	78.75	0.95	1	1	5.17502
SU4_serv	BOBJ1	623.75	After	Interior Girder 2	78.75	0.95	1	1	5.17502
SU4_serv	BOBJ1	623.75	After	Right Exterior Girder	78.75	0.95	1	1	6.301502
SU4_serv	BOBJ1	635	Before	Left Exterior Girder	90	0.95	1	1	4.413454
SU4_serv	BOBJ1	635	Before	Interior Girder 1	90	0.95	1	1	3.810991
SU4_serv	BOBJ1	635	Before	Interior Girder 2	90	0.95	1	1	3.810991
SU4_serv	BOBJ1	635	Before	Right Exterior Girder	90	0.95	1	1	4.413454
SU4_serv	BOBJ1	635	After	Left Exterior Girder	90	0.95	1	1	4.487716
SU4_serv	BOBJ1	635	After	Interior Girder 1	90	0.95	1	1	3.827073

TABLE: Bridge Super Rating AASHTORATE18 26 - SteelINonCompServ-Flx - Main Span Girders									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
SU4_serv	BOBJ1	635	After	Interior Girder 2	90	0.95	1	1	3.827072
SU4_serv	BOBJ1	635	After	Right Exterior Girder	90	0.95	1	1	4.487716
SU4_serv	BOBJ1	643.5619	Before	Left Exterior Girder	98.5619	0.95	1	1	3.513048
SU4_serv	BOBJ1	643.5619	Before	Interior Girder 1	98.5619	0.95	1	1	3.02265
SU4_serv	BOBJ1	643.5619	Before	Interior Girder 2	98.5619	0.95	1	1	3.02265
SU4_serv	BOBJ1	643.5619	Before	Right Exterior Girder	98.5619	0.95	1	1	3.513049
SU4_serv	BOBJ1	643.5619	After	Left Exterior Girder	98.5619	0.95	1	1	6.648211
SU4_serv	BOBJ1	643.5619	After	Interior Girder 1	98.5619	0.95	1	1	5.716119
SU4_serv	BOBJ1	643.5619	After	Interior Girder 2	98.5619	0.95	1	1	5.716118
SU4_serv	BOBJ1	643.5619	After	Right Exterior Girder	98.5619	0.95	1	1	6.648211
SU4_serv	BOBJ1	646.25	Before	Left Exterior Girder	101.25	0.95	1	1	6.325271
SU4_serv	BOBJ1	646.25	Before	Interior Girder 1	101.25	0.95	1	1	5.462318
SU4_serv	BOBJ1	646.25	Before	Interior Girder 2	101.25	0.95	1	1	5.462318
SU4_serv	BOBJ1	646.25	Before	Right Exterior Girder	101.25	0.95	1	1	6.325271
SU4_serv	BOBJ1	646.25	After	Left Exterior Girder	101.25	0.95	1	1	6.320139
SU4_serv	BOBJ1	646.25	After	Interior Girder 1	101.25	0.95	1	1	5.462423
SU4_serv	BOBJ1	646.25	After	Interior Girder 2	101.25	0.95	1	1	5.462423
SU4_serv	BOBJ1	646.25	After	Right Exterior Girder	101.25	0.95	1	1	6.320139
SU4_serv	BOBJ1	657.5	Before	Left Exterior Girder	112.5	0.95	1	1	5.242308
SU4_serv	BOBJ1	657.5	Before	Interior Girder 1	112.5	0.95	1	1	4.660049
SU4_serv	BOBJ1	657.5	Before	Interior Girder 2	112.5	0.95	1	1	4.660048
SU4_serv	BOBJ1	657.5	Before	Right Exterior Girder	112.5	0.95	1	1	5.242308
SU4_serv	BOBJ1	657.5	After	Left Exterior Girder	112.5	0.95	1	1	5.273051
SU4_serv	BOBJ1	657.5	After	Interior Girder 1	112.5	0.95	1	1	4.66184
SU4_serv	BOBJ1	657.5	After	Interior Girder 2	112.5	0.95	1	1	4.661839
SU4_serv	BOBJ1	657.5	After	Right Exterior Girder	112.5	0.95	1	1	5.273051
SU4_serv	BOBJ1	668.75	Before	Left Exterior Girder	123.75	0.95	1	1	4.641618
SU4_serv	BOBJ1	668.75	Before	Interior Girder 1	123.75	0.95	1	1	4.072811
SU4_serv	BOBJ1	668.75	Before	Interior Girder 2	123.75	0.95	1	1	4.072811
SU4_serv	BOBJ1	668.75	Before	Right Exterior Girder	123.75	0.95	1	1	4.641617
SU4_serv	BOBJ1	668.75	After	Left Exterior Girder	123.75	0.95	1	1	4.64827
SU4_serv	BOBJ1	668.75	After	Interior Girder 1	123.75	0.95	1	1	4.073678
SU4_serv	BOBJ1	668.75	After	Interior Girder 2	123.75	0.95	1	1	4.073678
SU4_serv	BOBJ1	668.75	After	Right Exterior Girder	123.75	0.95	1	1	4.64827
SU4_serv	BOBJ1	680	Before	Left Exterior Girder	135	0.95	1	1	4.261979
SU4_serv	BOBJ1	680	Before	Interior Girder 1	135	0.95	1	1	3.799676
SU4_serv	BOBJ1	680	Before	Interior Girder 2	135	0.95	1	1	3.799677
SU4_serv	BOBJ1	680	Before	Right Exterior Girder	135	0.95	1	1	4.261978
SU4_serv	BOBJ1	680	After	Left Exterior Girder	135	0.95	1	1	4.260939
SU4_serv	BOBJ1	680	After	Interior Girder 1	135	0.95	1	1	3.808543
SU4_serv	BOBJ1	680	After	Interior Girder 2	135	0.95	1	1	3.808544
SU4_serv	BOBJ1	680	After	Right Exterior Girder	135	0.95	1	1	4.260939
SU4_serv	BOBJ1	691.25	Before	Left Exterior Girder	146.25	0.95	1	1	4.187319
SU4_serv	BOBJ1	691.25	Before	Interior Girder 1	146.25	0.95	1	1	3.65964
SU4_serv	BOBJ1	691.25	Before	Interior Girder 2	146.25	0.95	1	1	3.65964
SU4_serv	BOBJ1	691.25	Before	Right Exterior Girder	146.25	0.95	1	1	4.187319
SU4_serv	BOBJ1	691.25	After	Left Exterior Girder	146.25	0.95	1	1	4.191312
SU4_serv	BOBJ1	691.25	After	Interior Girder 1	146.25	0.95	1	1	3.659249
SU4_serv	BOBJ1	691.25	After	Interior Girder 2	146.25	0.95	1	1	3.659249
SU4_serv	BOBJ1	691.25	After	Right Exterior Girder	146.25	0.95	1	1	4.191312
SU4_serv	BOBJ1	702.5	Before	Left Exterior Girder	157.5	0.95	1	1	4.358146
SU4_serv	BOBJ1	702.5	Before	Interior Girder 1	157.5	0.95	1	1	3.793929
SU4_serv	BOBJ1	702.5	Before	Interior Girder 2	157.5	0.95	1	1	3.793929
SU4_serv	BOBJ1	702.5	Before	Right Exterior Girder	157.5	0.95	1	1	4.358146
SU4_serv	BOBJ1	702.5	After	Left Exterior Girder	157.5	0.95	1	1	4.321844
SU4_serv	BOBJ1	702.5	After	Interior Girder 1	157.5	0.95	1	1	3.812272
SU4_serv	BOBJ1	702.5	After	Interior Girder 2	157.5	0.95	1	1	3.812273
SU4_serv	BOBJ1	702.5	After	Right Exterior Girder	157.5	0.95	1	1	4.321843
SU4_serv	BOBJ1	713.75	Before	Left Exterior Girder	168.75	0.95	1	1	4.889126
SU4_serv	BOBJ1	713.75	Before	Interior Girder 1	168.75	0.95	1	1	4.12046
SU4_serv	BOBJ1	713.75	Before	Interior Girder 2	168.75	0.95	1	1	4.12046
SU4_serv	BOBJ1	713.75	Before	Right Exterior Girder	168.75	0.95	1	1	4.889126
SU4_serv	BOBJ1	713.75	After	Left Exterior Girder	168.75	0.95	1	1	4.889899
SU4_serv	BOBJ1	713.75	After	Interior Girder 1	168.75	0.95	1	1	4.123802
SU4_serv	BOBJ1	713.75	After	Interior Girder 2	168.75	0.95	1	1	4.123802
SU4_serv	BOBJ1	713.75	After	Right Exterior Girder	168.75	0.95	1	1	4.889898
SU4_serv	BOBJ1	725	Before	Left Exterior Girder	180	0.95	1	1	5.952028
SU4_serv	BOBJ1	725	Before	Interior Girder 1	180	0.95	1	1	4.881517
SU4_serv	BOBJ1	725	Before	Interior Girder 2	180	0.95	1	1	4.881518
SU4_serv	BOBJ1	725	Before	Right Exterior Girder	180	0.95	1	1	5.952027

TABLE: Bridge Super Rating AASHTORATE18 26 - SteelINonCompServ-Flx - Main Span Girders									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
SU4_serv	BOBJ1	725	After	Left Exterior Girder	180	0.95	1	1	5.884099
SU4_serv	BOBJ1	725	After	Interior Girder 1	180	0.95	1	1	4.929108
SU4_serv	BOBJ1	725	After	Interior Girder 2	180	0.95	1	1	4.929108
SU4_serv	BOBJ1	725	After	Right Exterior Girder	180	0.95	1	1	5.884099
SU4_serv	BOBJ1	731.1726	Before	Left Exterior Girder	186.1726	0.95	1	1	6.87444
SU4_serv	BOBJ1	731.1726	Before	Interior Girder 1	186.1726	0.95	1	1	5.515888
SU4_serv	BOBJ1	731.1726	Before	Interior Girder 2	186.1726	0.95	1	1	5.515888
SU4_serv	BOBJ1	731.1726	Before	Right Exterior Girder	186.1726	0.95	1	1	6.87444
SU4_serv	BOBJ1	731.1726	After	Left Exterior Girder	186.1726	0.95	1	1	2.951936
SU4_serv	BOBJ1	731.1726	After	Interior Girder 1	186.1726	0.95	1	1	2.359684
SU4_serv	BOBJ1	731.1726	After	Interior Girder 2	186.1726	0.95	1	1	2.359684
SU4_serv	BOBJ1	731.1726	After	Right Exterior Girder	186.1726	0.95	1	1	2.951936
SU4_serv	BOBJ1	736.25	Before	Left Exterior Girder	191.25	0.95	1	1	3.636983
SU4_serv	BOBJ1	736.25	Before	Interior Girder 1	191.25	0.95	1	1	2.795275
SU4_serv	BOBJ1	736.25	Before	Interior Girder 2	191.25	0.95	1	1	2.795275
SU4_serv	BOBJ1	736.25	Before	Right Exterior Girder	191.25	0.95	1	1	3.636983
SU4_serv	BOBJ1	736.25	After	Left Exterior Girder	191.25	0.95	1	1	3.626431
SU4_serv	BOBJ1	736.25	After	Interior Girder 1	191.25	0.95	1	1	2.796034
SU4_serv	BOBJ1	736.25	After	Interior Girder 2	191.25	0.95	1	1	2.796034
SU4_serv	BOBJ1	736.25	After	Right Exterior Girder	191.25	0.95	1	1	3.62643
SU4_serv	BOBJ1	747.5	Before	Left Exterior Girder	202.5	0.95	1	1	6.295222
SU4_serv	BOBJ1	747.5	Before	Interior Girder 1	202.5	0.95	1	1	4.528898
SU4_serv	BOBJ1	747.5	Before	Interior Girder 2	202.5	0.95	1	1	4.528898
SU4_serv	BOBJ1	747.5	Before	Right Exterior Girder	202.5	0.95	1	1	6.295221
SU4_serv	BOBJ1	747.5	After	Left Exterior Girder	202.5	0.95	1	1	6.040256
SU4_serv	BOBJ1	747.5	After	Interior Girder 1	202.5	0.95	1	1	4.472361
SU4_serv	BOBJ1	747.5	After	Interior Girder 2	202.5	0.95	1	1	4.472361
SU4_serv	BOBJ1	747.5	After	Right Exterior Girder	202.5	0.95	1	1	6.040255
SU4_serv	BOBJ1	758.75	Before	Left Exterior Girder	213.75	0.95	1	1	14.191495
SU4_serv	BOBJ1	758.75	Before	Interior Girder 1	213.75	0.95	1	1	9.27077
SU4_serv	BOBJ1	758.75	Before	Interior Girder 2	213.75	0.95	1	1	9.27077
SU4_serv	BOBJ1	758.75	Before	Right Exterior Girder	213.75	0.95	1	1	14.191491
SU4_serv	BOBJ1	758.75	After	Left Exterior Girder	213.75	0.95	1	1	14.157104
SU4_serv	BOBJ1	758.75	After	Interior Girder 1	213.75	0.95	1	1	9.16161
SU4_serv	BOBJ1	758.75	After	Interior Girder 2	213.75	0.95	1	1	9.16161
SU4_serv	BOBJ1	758.75	After	Right Exterior Girder	213.75	0.95	1	1	14.1571
SU4_serv	BOBJ1	770	Before	Left Exterior Girder	225	0.95	1	1	298.061828
SU4_serv	BOBJ1	770	Before	Interior Girder 1	225	0.95	1	1	246.072046
SU4_serv	BOBJ1	770	Before	Interior Girder 2	225	0.95	1	1	246.071173
SU4_serv	BOBJ1	770	Before	Right Exterior Girder	225	0.95	1	1	298.063318
SU5_serv	BOBJ1	0	After	Left Exterior Girder	0	0.95	1	1	260.005925
SU5_serv	BOBJ1	0	After	Interior Girder 1	0	0.95	1	1	215.266318
SU5_serv	BOBJ1	0	After	Interior Girder 2	0	0.95	1	1	215.266075
SU5_serv	BOBJ1	0	After	Right Exterior Girder	0	0.95	1	1	260.005916
SU5_serv	BOBJ1	11.25	Before	Left Exterior Girder	11.25	0.95	1	1	12.471374
SU5_serv	BOBJ1	11.25	Before	Interior Girder 1	11.25	0.95	1	1	8.17617
SU5_serv	BOBJ1	11.25	Before	Interior Girder 2	11.25	0.95	1	1	8.176172
SU5_serv	BOBJ1	11.25	Before	Right Exterior Girder	11.25	0.95	1	1	12.471373
SU5_serv	BOBJ1	11.25	After	Left Exterior Girder	11.25	0.95	1	1	12.506037
SU5_serv	BOBJ1	11.25	After	Interior Girder 1	11.25	0.95	1	1	8.282307
SU5_serv	BOBJ1	11.25	After	Interior Girder 2	11.25	0.95	1	1	8.282308
SU5_serv	BOBJ1	11.25	After	Right Exterior Girder	11.25	0.95	1	1	12.506036
SU5_serv	BOBJ1	22.5	Before	Left Exterior Girder	22.5	0.95	1	1	5.314886
SU5_serv	BOBJ1	22.5	Before	Interior Girder 1	22.5	0.95	1	1	3.985416
SU5_serv	BOBJ1	22.5	Before	Interior Girder 2	22.5	0.95	1	1	3.985416
SU5_serv	BOBJ1	22.5	Before	Right Exterior Girder	22.5	0.95	1	1	5.314886
SU5_serv	BOBJ1	22.5	After	Left Exterior Girder	22.5	0.95	1	1	5.540922
SU5_serv	BOBJ1	22.5	After	Interior Girder 1	22.5	0.95	1	1	4.038062
SU5_serv	BOBJ1	22.5	After	Interior Girder 2	22.5	0.95	1	1	4.038062
SU5_serv	BOBJ1	22.5	After	Right Exterior Girder	22.5	0.95	1	1	5.540922
SU5_serv	BOBJ1	33.75	Before	Left Exterior Girder	33.75	0.95	1	1	3.188494
SU5_serv	BOBJ1	33.75	Before	Interior Girder 1	33.75	0.95	1	1	2.4779
SU5_serv	BOBJ1	33.75	Before	Interior Girder 2	33.75	0.95	1	1	2.4779
SU5_serv	BOBJ1	33.75	Before	Right Exterior Girder	33.75	0.95	1	1	3.188494
SU5_serv	BOBJ1	33.75	After	Left Exterior Girder	33.75	0.95	1	1	3.198123
SU5_serv	BOBJ1	33.75	After	Interior Girder 1	33.75	0.95	1	1	2.477181
SU5_serv	BOBJ1	33.75	After	Interior Girder 2	33.75	0.95	1	1	2.477181
SU5_serv	BOBJ1	33.75	After	Right Exterior Girder	33.75	0.95	1	1	3.198123
SU5_serv	BOBJ1	38.8274	Before	Left Exterior Girder	38.8274	0.95	1	1	2.595914
SU5_serv	BOBJ1	38.8274	Before	Interior Girder 1	38.8274	0.95	1	1	2.087812

TABLE: Bridge Super Rating AASHTORATE18 26 - SteelINonCompServ-Flx - Main Span Girders									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
SU5_serv	BOBJ1	38.8274	Before	Interior Girder 2	38.8274	0.95	1	1	2.087812
SU5_serv	BOBJ1	38.8274	Before	Right Exterior Girder	38.8274	0.95	1	1	2.595915
SU5_serv	BOBJ1	38.8274	After	Left Exterior Girder	38.8274	0.95	1	1	6.044861
SU5_serv	BOBJ1	38.8274	After	Interior Girder 1	38.8274	0.95	1	1	4.882274
SU5_serv	BOBJ1	38.8274	After	Interior Girder 2	38.8274	0.95	1	1	4.882274
SU5_serv	BOBJ1	38.8274	After	Right Exterior Girder	38.8274	0.95	1	1	6.044861
SU5_serv	BOBJ1	45	Before	Left Exterior Girder	45	0.95	1	1	5.170233
SU5_serv	BOBJ1	45	Before	Interior Girder 1	45	0.95	1	1	4.359342
SU5_serv	BOBJ1	45	Before	Interior Girder 2	45	0.95	1	1	4.359342
SU5_serv	BOBJ1	45	Before	Right Exterior Girder	45	0.95	1	1	5.170233
SU5_serv	BOBJ1	45	After	Left Exterior Girder	45	0.95	1	1	5.223045
SU5_serv	BOBJ1	45	After	Interior Girder 1	45	0.95	1	1	4.319376
SU5_serv	BOBJ1	45	After	Interior Girder 2	45	0.95	1	1	4.319376
SU5_serv	BOBJ1	45	After	Right Exterior Girder	45	0.95	1	1	5.223045
SU5_serv	BOBJ1	56.25	Before	Left Exterior Girder	56.25	0.95	1	1	4.29431
SU5_serv	BOBJ1	56.25	Before	Interior Girder 1	56.25	0.95	1	1	3.650382
SU5_serv	BOBJ1	56.25	Before	Interior Girder 2	56.25	0.95	1	1	3.650381
SU5_serv	BOBJ1	56.25	Before	Right Exterior Girder	56.25	0.95	1	1	4.294311
SU5_serv	BOBJ1	56.25	After	Left Exterior Girder	56.25	0.95	1	1	4.293462
SU5_serv	BOBJ1	56.25	After	Interior Girder 1	56.25	0.95	1	1	3.649206
SU5_serv	BOBJ1	56.25	After	Interior Girder 2	56.25	0.95	1	1	3.649206
SU5_serv	BOBJ1	56.25	After	Right Exterior Girder	56.25	0.95	1	1	4.293463
SU5_serv	BOBJ1	67.5	Before	Left Exterior Girder	67.5	0.95	1	1	3.799379
SU5_serv	BOBJ1	67.5	Before	Interior Girder 1	67.5	0.95	1	1	3.377218
SU5_serv	BOBJ1	67.5	Before	Interior Girder 2	67.5	0.95	1	1	3.377218
SU5_serv	BOBJ1	67.5	Before	Right Exterior Girder	67.5	0.95	1	1	3.799379
SU5_serv	BOBJ1	67.5	After	Left Exterior Girder	67.5	0.95	1	1	3.833357
SU5_serv	BOBJ1	67.5	After	Interior Girder 1	67.5	0.95	1	1	3.362943
SU5_serv	BOBJ1	67.5	After	Interior Girder 2	67.5	0.95	1	1	3.362943
SU5_serv	BOBJ1	67.5	After	Right Exterior Girder	67.5	0.95	1	1	3.833357
SU5_serv	BOBJ1	78.75	Before	Left Exterior Girder	78.75	0.95	1	1	3.686762
SU5_serv	BOBJ1	78.75	Before	Interior Girder 1	78.75	0.95	1	1	3.245042
SU5_serv	BOBJ1	78.75	Before	Interior Girder 2	78.75	0.95	1	1	3.245041
SU5_serv	BOBJ1	78.75	Before	Right Exterior Girder	78.75	0.95	1	1	3.686762
SU5_serv	BOBJ1	78.75	After	Left Exterior Girder	78.75	0.95	1	1	3.683002
SU5_serv	BOBJ1	78.75	After	Interior Girder 1	78.75	0.95	1	1	3.246956
SU5_serv	BOBJ1	78.75	After	Interior Girder 2	78.75	0.95	1	1	3.246955
SU5_serv	BOBJ1	78.75	After	Right Exterior Girder	78.75	0.95	1	1	3.683002
SU5_serv	BOBJ1	90	Before	Left Exterior Girder	90	0.95	1	1	3.751377
SU5_serv	BOBJ1	90	Before	Interior Girder 1	90	0.95	1	1	3.381043
SU5_serv	BOBJ1	90	Before	Interior Girder 2	90	0.95	1	1	3.381042
SU5_serv	BOBJ1	90	Before	Right Exterior Girder	90	0.95	1	1	3.751377
SU5_serv	BOBJ1	90	After	Left Exterior Girder	90	0.95	1	1	3.753506
SU5_serv	BOBJ1	90	After	Interior Girder 1	90	0.95	1	1	3.374902
SU5_serv	BOBJ1	90	After	Interior Girder 2	90	0.95	1	1	3.374901
SU5_serv	BOBJ1	90	After	Right Exterior Girder	90	0.95	1	1	3.753506
SU5_serv	BOBJ1	101.25	Before	Left Exterior Girder	101.25	0.95	1	1	4.092283
SU5_serv	BOBJ1	101.25	Before	Interior Girder 1	101.25	0.95	1	1	3.617722
SU5_serv	BOBJ1	101.25	Before	Interior Girder 2	101.25	0.95	1	1	3.617721
SU5_serv	BOBJ1	101.25	Before	Right Exterior Girder	101.25	0.95	1	1	4.092283
SU5_serv	BOBJ1	101.25	After	Left Exterior Girder	101.25	0.95	1	1	4.086939
SU5_serv	BOBJ1	101.25	After	Interior Girder 1	101.25	0.95	1	1	3.615099
SU5_serv	BOBJ1	101.25	After	Interior Girder 2	101.25	0.95	1	1	3.615099
SU5_serv	BOBJ1	101.25	After	Right Exterior Girder	101.25	0.95	1	1	4.086939
SU5_serv	BOBJ1	112.5	Before	Left Exterior Girder	112.5	0.95	1	1	4.640594
SU5_serv	BOBJ1	112.5	Before	Interior Girder 1	112.5	0.95	1	1	4.124934
SU5_serv	BOBJ1	112.5	Before	Interior Girder 2	112.5	0.95	1	1	4.124934
SU5_serv	BOBJ1	112.5	Before	Right Exterior Girder	112.5	0.95	1	1	4.640594
SU5_serv	BOBJ1	112.5	After	Left Exterior Girder	112.5	0.95	1	1	4.612434
SU5_serv	BOBJ1	112.5	After	Interior Girder 1	112.5	0.95	1	1	4.120613
SU5_serv	BOBJ1	112.5	After	Interior Girder 2	112.5	0.95	1	1	4.120613
SU5_serv	BOBJ1	112.5	After	Right Exterior Girder	112.5	0.95	1	1	4.612434
SU5_serv	BOBJ1	123.75	Before	Left Exterior Girder	123.75	0.95	1	1	5.559374
SU5_serv	BOBJ1	123.75	Before	Interior Girder 1	123.75	0.95	1	1	4.830914
SU5_serv	BOBJ1	123.75	Before	Interior Girder 2	123.75	0.95	1	1	4.830914
SU5_serv	BOBJ1	123.75	Before	Right Exterior Girder	123.75	0.95	1	1	5.559374
SU5_serv	BOBJ1	123.75	After	Left Exterior Girder	123.75	0.95	1	1	5.563209
SU5_serv	BOBJ1	123.75	After	Interior Girder 1	123.75	0.95	1	1	4.828995
SU5_serv	BOBJ1	123.75	After	Interior Girder 2	123.75	0.95	1	1	4.828996
SU5_serv	BOBJ1	123.75	After	Right Exterior Girder	123.75	0.95	1	1	5.563209

TABLE: Bridge Super Rating AASHTORATE18 26 - SteelNonCompServ-Flx - Main Span Girders									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
SU5_serv	BOBJ1	126.4381	Before	Left Exterior Girder	126.4381	0.95	1	1	5.847407
SU5_serv	BOBJ1	126.4381	Before	Interior Girder 1	126.4381	0.95	1	1	5.050856
SU5_serv	BOBJ1	126.4381	Before	Interior Girder 2	126.4381	0.95	1	1	5.050857
SU5_serv	BOBJ1	126.4381	Before	Right Exterior Girder	126.4381	0.95	1	1	5.847407
SU5_serv	BOBJ1	126.4381	After	Left Exterior Girder	126.4381	0.95	1	1	3.08962
SU5_serv	BOBJ1	126.4381	After	Interior Girder 1	126.4381	0.95	1	1	2.673729
SU5_serv	BOBJ1	126.4381	After	Interior Girder 2	126.4381	0.95	1	1	2.673729
SU5_serv	BOBJ1	126.4381	After	Right Exterior Girder	126.4381	0.95	1	1	3.08962
SU5_serv	BOBJ1	135	Before	Left Exterior Girder	135	0.95	1	1	3.950413
SU5_serv	BOBJ1	135	Before	Interior Girder 1	135	0.95	1	1	3.386393
SU5_serv	BOBJ1	135	Before	Interior Girder 2	135	0.95	1	1	3.386394
SU5_serv	BOBJ1	135	Before	Right Exterior Girder	135	0.95	1	1	3.950413
SU5_serv	BOBJ1	135	After	Left Exterior Girder	135	0.95	1	1	3.882778
SU5_serv	BOBJ1	135	After	Interior Girder 1	135	0.95	1	1	3.370252
SU5_serv	BOBJ1	135	After	Interior Girder 2	135	0.95	1	1	3.370252
SU5_serv	BOBJ1	135	After	Right Exterior Girder	135	0.95	1	1	3.882778
SU5_serv	BOBJ1	146.25	Before	Left Exterior Girder	146.25	0.95	1	1	5.552115
SU5_serv	BOBJ1	146.25	Before	Interior Girder 1	146.25	0.95	1	1	4.586961
SU5_serv	BOBJ1	146.25	Before	Interior Girder 2	146.25	0.95	1	1	4.58696
SU5_serv	BOBJ1	146.25	Before	Right Exterior Girder	146.25	0.95	1	1	5.552115
SU5_serv	BOBJ1	146.25	After	Left Exterior Girder	146.25	0.95	1	1	5.548702
SU5_serv	BOBJ1	146.25	After	Interior Girder 1	146.25	0.95	1	1	4.591067
SU5_serv	BOBJ1	146.25	After	Interior Girder 2	146.25	0.95	1	1	4.591067
SU5_serv	BOBJ1	146.25	After	Right Exterior Girder	146.25	0.95	1	1	5.548702
SU5_serv	BOBJ1	157.5	Before	Left Exterior Girder	157.5	0.95	1	1	6.100932
SU5_serv	BOBJ1	157.5	Before	Interior Girder 1	157.5	0.95	1	1	6.075276
SU5_serv	BOBJ1	157.5	Before	Interior Girder 2	157.5	0.95	1	1	6.075276
SU5_serv	BOBJ1	157.5	Before	Right Exterior Girder	157.5	0.95	1	1	6.100932
SU5_serv	BOBJ1	157.5	After	Left Exterior Girder	157.5	0.95	1	1	6.154459
SU5_serv	BOBJ1	157.5	After	Interior Girder 1	157.5	0.95	1	1	6.107524
SU5_serv	BOBJ1	157.5	After	Interior Girder 2	157.5	0.95	1	1	6.107523
SU5_serv	BOBJ1	157.5	After	Right Exterior Girder	157.5	0.95	1	1	6.15446
SU5_serv	BOBJ1	168.2522	Before	Left Exterior Girder	168.2522	0.95	1	1	3.827814
SU5_serv	BOBJ1	168.2522	Before	Interior Girder 1	168.2522	0.95	1	1	3.757711
SU5_serv	BOBJ1	168.2522	Before	Interior Girder 2	168.2522	0.95	1	1	3.757711
SU5_serv	BOBJ1	168.2522	Before	Right Exterior Girder	168.2522	0.95	1	1	3.827815
SU5_serv	BOBJ1	168.2522	After	Left Exterior Girder	168.2522	0.95	1	1	9.624761
SU5_serv	BOBJ1	168.2522	After	Interior Girder 1	168.2522	0.95	1	1	9.376906
SU5_serv	BOBJ1	168.2522	After	Interior Girder 2	168.2522	0.95	1	1	9.376906
SU5_serv	BOBJ1	168.2522	After	Right Exterior Girder	168.2522	0.95	1	1	9.624761
SU5_serv	BOBJ1	168.75	Before	Left Exterior Girder	168.75	0.95	1	1	9.49683
SU5_serv	BOBJ1	168.75	Before	Interior Girder 1	168.75	0.95	1	1	9.258321
SU5_serv	BOBJ1	168.75	Before	Interior Girder 2	168.75	0.95	1	1	9.258321
SU5_serv	BOBJ1	168.75	Before	Right Exterior Girder	168.75	0.95	1	1	9.49683
SU5_serv	BOBJ1	168.75	After	Left Exterior Girder	168.75	0.95	1	1	9.509652
SU5_serv	BOBJ1	168.75	After	Interior Girder 1	168.75	0.95	1	1	9.246948
SU5_serv	BOBJ1	168.75	After	Interior Girder 2	168.75	0.95	1	1	9.246948
SU5_serv	BOBJ1	168.75	After	Right Exterior Girder	168.75	0.95	1	1	9.509653
SU5_serv	BOBJ1	180	Before	Left Exterior Girder	180	0.95	1	1	6.800677
SU5_serv	BOBJ1	180	Before	Interior Girder 1	180	0.95	1	1	6.520033
SU5_serv	BOBJ1	180	Before	Interior Girder 2	180	0.95	1	1	6.520033
SU5_serv	BOBJ1	180	Before	Right Exterior Girder	180	0.95	1	1	6.800677
SU5_serv	BOBJ1	180	After	Left Exterior Girder	180	0.95	1	1	6.768495
SU5_serv	BOBJ1	180	After	Interior Girder 1	180	0.95	1	1	6.498835
SU5_serv	BOBJ1	180	After	Interior Girder 2	180	0.95	1	1	6.498835
SU5_serv	BOBJ1	180	After	Right Exterior Girder	180	0.95	1	1	6.768496
SU5_serv	BOBJ1	183.1858	Before	Left Exterior Girder	183.1858	0.95	1	1	6.015182
SU5_serv	BOBJ1	183.1858	Before	Interior Girder 1	183.1858	0.95	1	1	5.746388
SU5_serv	BOBJ1	183.1858	Before	Interior Girder 2	183.1858	0.95	1	1	5.746388
SU5_serv	BOBJ1	183.1858	Before	Right Exterior Girder	183.1858	0.95	1	1	6.015182
SU5_serv	BOBJ1	183.1858	After	Left Exterior Girder	183.1858	0.95	1	1	12.592391
SU5_serv	BOBJ1	183.1858	After	Interior Girder 1	183.1858	0.95	1	1	11.986527
SU5_serv	BOBJ1	183.1858	After	Interior Girder 2	183.1858	0.95	1	1	11.986527
SU5_serv	BOBJ1	183.1858	After	Right Exterior Girder	183.1858	0.95	1	1	12.592391
SU5_serv	BOBJ1	191.25	Before	Left Exterior Girder	191.25	0.95	1	1	10.460302
SU5_serv	BOBJ1	191.25	Before	Interior Girder 1	191.25	0.95	1	1	9.79208
SU5_serv	BOBJ1	191.25	Before	Interior Girder 2	191.25	0.95	1	1	9.79208
SU5_serv	BOBJ1	191.25	Before	Right Exterior Girder	191.25	0.95	1	1	10.460302
SU5_serv	BOBJ1	191.25	After	Left Exterior Girder	191.25	0.95	1	1	10.482919
SU5_serv	BOBJ1	191.25	After	Interior Girder 1	191.25	0.95	1	1	9.777051

TABLE: Bridge Super Rating AASHTORATE18 26 - SteelNonCompServ-Flx - Main Span Girders									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
SU5_serv	BOBJ1	191.25	After	Interior Girder 2	191.25	0.95	1	1	9.777052
SU5_serv	BOBJ1	191.25	After	Right Exterior Girder	191.25	0.95	1	1	10.48292
SU5_serv	BOBJ1	199.9414	Before	Left Exterior Girder	199.9414	0.95	1	1	8.117
SU5_serv	BOBJ1	199.9414	Before	Interior Girder 1	199.9414	0.95	1	1	7.510976
SU5_serv	BOBJ1	199.9414	Before	Interior Girder 2	199.9414	0.95	1	1	7.510976
SU5_serv	BOBJ1	199.9414	Before	Right Exterior Girder	199.9414	0.95	1	1	8.117
SU5_serv	BOBJ1	199.9414	After	Left Exterior Girder	199.9414	0.95	1	1	13.27741
SU5_serv	BOBJ1	199.9414	After	Interior Girder 1	199.9414	0.95	1	1	12.261366
SU5_serv	BOBJ1	199.9414	After	Interior Girder 2	199.9414	0.95	1	1	12.261366
SU5_serv	BOBJ1	199.9414	After	Right Exterior Girder	199.9414	0.95	1	1	13.27741
SU5_serv	BOBJ1	202.5	Before	Left Exterior Girder	202.5	0.95	1	1	12.221287
SU5_serv	BOBJ1	202.5	Before	Interior Girder 1	202.5	0.95	1	1	11.531643
SU5_serv	BOBJ1	202.5	Before	Interior Girder 2	202.5	0.95	1	1	11.531644
SU5_serv	BOBJ1	202.5	Before	Right Exterior Girder	202.5	0.95	1	1	12.221287
SU5_serv	BOBJ1	202.5	After	Left Exterior Girder	202.5	0.95	1	1	12.537816
SU5_serv	BOBJ1	202.5	After	Interior Girder 1	202.5	0.95	1	1	11.54939
SU5_serv	BOBJ1	202.5	After	Interior Girder 2	202.5	0.95	1	1	11.549391
SU5_serv	BOBJ1	202.5	After	Right Exterior Girder	202.5	0.95	1	1	12.537816
SU5_serv	BOBJ1	210.5642	Before	Left Exterior Girder	210.5642	0.95	1	1	9.410379
SU5_serv	BOBJ1	210.5642	Before	Interior Girder 1	210.5642	0.95	1	1	9.015747
SU5_serv	BOBJ1	210.5642	Before	Interior Girder 2	210.5642	0.95	1	1	9.015748
SU5_serv	BOBJ1	210.5642	Before	Right Exterior Girder	210.5642	0.95	1	1	9.410379
SU5_serv	BOBJ1	210.5642	After	Left Exterior Girder	210.5642	0.95	1	1	13.90975
SU5_serv	BOBJ1	210.5642	After	Interior Girder 1	210.5642	0.95	1	1	13.34073
SU5_serv	BOBJ1	210.5642	After	Interior Girder 2	210.5642	0.95	1	1	13.34073
SU5_serv	BOBJ1	210.5642	After	Right Exterior Girder	210.5642	0.95	1	1	13.90975
SU5_serv	BOBJ1	213.75	Before	Left Exterior Girder	213.75	0.95	1	1	12.508631
SU5_serv	BOBJ1	213.75	Before	Interior Girder 1	213.75	0.95	1	1	11.828873
SU5_serv	BOBJ1	213.75	Before	Interior Girder 2	213.75	0.95	1	1	11.828873
SU5_serv	BOBJ1	213.75	Before	Right Exterior Girder	213.75	0.95	1	1	12.508631
SU5_serv	BOBJ1	213.75	After	Left Exterior Girder	213.75	0.95	1	1	12.493402
SU5_serv	BOBJ1	213.75	After	Interior Girder 1	213.75	0.95	1	1	11.805272
SU5_serv	BOBJ1	213.75	After	Interior Girder 2	213.75	0.95	1	1	11.805272
SU5_serv	BOBJ1	213.75	After	Right Exterior Girder	213.75	0.95	1	1	12.493402
SU5_serv	BOBJ1	225	Before	Left Exterior Girder	225	0.95	1	1	7.933764
SU5_serv	BOBJ1	225	Before	Interior Girder 1	225	0.95	1	1	7.189385
SU5_serv	BOBJ1	225	Before	Interior Girder 2	225	0.95	1	1	7.189384
SU5_serv	BOBJ1	225	Before	Right Exterior Girder	225	0.95	1	1	7.933764
SU5_serv	BOBJ1	225	After	Left Exterior Girder	0	0.95	1	1	7.55512
SU5_serv	BOBJ1	225	After	Interior Girder 1	0	0.95	1	1	6.982365
SU5_serv	BOBJ1	225	After	Interior Girder 2	0	0.95	1	1	6.982365
SU5_serv	BOBJ1	225	After	Right Exterior Girder	0	0.95	1	1	7.55512
SU5_serv	BOBJ1	236.45	Before	Left Exterior Girder	11.45	0.95	1	1	12.625433
SU5_serv	BOBJ1	236.45	Before	Interior Girder 1	11.45	0.95	1	1	12.563441
SU5_serv	BOBJ1	236.45	Before	Interior Girder 2	11.45	0.95	1	1	12.563441
SU5_serv	BOBJ1	236.45	Before	Right Exterior Girder	11.45	0.95	1	1	12.625433
SU5_serv	BOBJ1	236.45	After	Left Exterior Girder	11.45	0.95	1	1	12.651522
SU5_serv	BOBJ1	236.45	After	Interior Girder 1	11.45	0.95	1	1	12.570774
SU5_serv	BOBJ1	236.45	After	Interior Girder 2	11.45	0.95	1	1	12.570774
SU5_serv	BOBJ1	236.45	After	Right Exterior Girder	11.45	0.95	1	1	12.651521
SU5_serv	BOBJ1	239.5082	Before	Left Exterior Girder	14.5082	0.95	1	1	14.374036
SU5_serv	BOBJ1	239.5082	Before	Interior Girder 1	14.5082	0.95	1	1	14.357867
SU5_serv	BOBJ1	239.5082	Before	Interior Girder 2	14.5082	0.95	1	1	14.357867
SU5_serv	BOBJ1	239.5082	Before	Right Exterior Girder	14.5082	0.95	1	1	14.374035
SU5_serv	BOBJ1	239.5082	After	Left Exterior Girder	14.5082	0.95	1	1	9.782524
SU5_serv	BOBJ1	239.5082	After	Interior Girder 1	14.5082	0.95	1	1	9.780086
SU5_serv	BOBJ1	239.5082	After	Interior Girder 2	14.5082	0.95	1	1	9.780086
SU5_serv	BOBJ1	239.5082	After	Right Exterior Girder	14.5082	0.95	1	1	9.782524
SU5_serv	BOBJ1	247.9	Before	Left Exterior Girder	22.9	0.95	1	1	14.338162
SU5_serv	BOBJ1	247.9	Before	Interior Girder 1	22.9	0.95	1	1	14.168686
SU5_serv	BOBJ1	247.9	Before	Interior Girder 2	22.9	0.95	1	1	14.168685
SU5_serv	BOBJ1	247.9	Before	Right Exterior Girder	22.9	0.95	1	1	14.338162
SU5_serv	BOBJ1	247.9	After	Left Exterior Girder	22.9	0.95	1	1	13.997414
SU5_serv	BOBJ1	247.9	After	Interior Girder 1	22.9	0.95	1	1	14.184345
SU5_serv	BOBJ1	247.9	After	Interior Girder 2	22.9	0.95	1	1	14.184345
SU5_serv	BOBJ1	247.9	After	Right Exterior Girder	22.9	0.95	1	1	13.997414
SU5_serv	BOBJ1	258.5189	Before	Left Exterior Girder	33.5189	0.95	1	1	19.417956
SU5_serv	BOBJ1	258.5189	Before	Interior Girder 1	33.5189	0.95	1	1	18.127465
SU5_serv	BOBJ1	258.5189	Before	Interior Girder 2	33.5189	0.95	1	1	18.127465
SU5_serv	BOBJ1	258.5189	Before	Right Exterior Girder	33.5189	0.95	1	1	19.417956

TABLE: Bridge Super Rating AASHTORATE18 26 - SteelINonCompServ-Flx - Main Span Girders									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
SU5_serv	BOBJ1	258.5189	After	Left Exterior Girder	33.5189	0.95	1	1	13.480034
SU5_serv	BOBJ1	258.5189	After	Interior Girder 1	33.5189	0.95	1	1	12.450166
SU5_serv	BOBJ1	258.5189	After	Interior Girder 2	33.5189	0.95	1	1	12.450165
SU5_serv	BOBJ1	258.5189	After	Right Exterior Girder	33.5189	0.95	1	1	13.480034
SU5_serv	BOBJ1	259.3	Before	Left Exterior Girder	34.3	0.95	1	1	13.756795
SU5_serv	BOBJ1	259.3	Before	Interior Girder 1	34.3	0.95	1	1	12.721671
SU5_serv	BOBJ1	259.3	Before	Interior Girder 2	34.3	0.95	1	1	12.72167
SU5_serv	BOBJ1	259.3	Before	Right Exterior Girder	34.3	0.95	1	1	13.756795
SU5_serv	BOBJ1	259.3	After	Left Exterior Girder	34.3	0.95	1	1	13.750284
SU5_serv	BOBJ1	259.3	After	Interior Girder 1	34.3	0.95	1	1	12.727124
SU5_serv	BOBJ1	259.3	After	Interior Girder 2	34.3	0.95	1	1	12.727124
SU5_serv	BOBJ1	259.3	After	Right Exterior Girder	34.3	0.95	1	1	13.750285
SU5_serv	BOBJ1	266.1031	Before	Left Exterior Girder	41.1031	0.95	1	1	16.087463
SU5_serv	BOBJ1	266.1031	Before	Interior Girder 1	41.1031	0.95	1	1	15.132465
SU5_serv	BOBJ1	266.1031	Before	Interior Girder 2	41.1031	0.95	1	1	15.132465
SU5_serv	BOBJ1	266.1031	Before	Right Exterior Girder	41.1031	0.95	1	1	16.087463
SU5_serv	BOBJ1	266.1031	After	Left Exterior Girder	41.1031	0.95	1	1	8.631501
SU5_serv	BOBJ1	266.1031	After	Interior Girder 1	41.1031	0.95	1	1	8.124584
SU5_serv	BOBJ1	266.1031	After	Interior Girder 2	41.1031	0.95	1	1	8.124584
SU5_serv	BOBJ1	266.1031	After	Right Exterior Girder	41.1031	0.95	1	1	8.631501
SU5_serv	BOBJ1	270.7	Before	Left Exterior Girder	45.7	0.95	1	1	10.094618
SU5_serv	BOBJ1	270.7	Before	Interior Girder 1	45.7	0.95	1	1	9.602797
SU5_serv	BOBJ1	270.7	Before	Interior Girder 2	45.7	0.95	1	1	9.602797
SU5_serv	BOBJ1	270.7	Before	Right Exterior Girder	45.7	0.95	1	1	10.094618
SU5_serv	BOBJ1	270.7	After	Left Exterior Girder	45.7	0.95	1	1	10.166827
SU5_serv	BOBJ1	270.7	After	Interior Girder 1	45.7	0.95	1	1	9.659323
SU5_serv	BOBJ1	270.7	After	Interior Girder 2	45.7	0.95	1	1	9.659323
SU5_serv	BOBJ1	270.7	After	Right Exterior Girder	45.7	0.95	1	1	10.166827
SU5_serv	BOBJ1	273.6874	Before	Left Exterior Girder	48.6874	0.95	1	1	11.138121
SU5_serv	BOBJ1	273.6874	Before	Interior Girder 1	48.6874	0.95	1	1	10.624552
SU5_serv	BOBJ1	273.6874	Before	Interior Girder 2	48.6874	0.95	1	1	10.624552
SU5_serv	BOBJ1	273.6874	Before	Right Exterior Girder	48.6874	0.95	1	1	11.138121
SU5_serv	BOBJ1	273.6874	After	Left Exterior Girder	48.6874	0.95	1	1	4.794439
SU5_serv	BOBJ1	273.6874	After	Interior Girder 1	48.6874	0.95	1	1	4.606233
SU5_serv	BOBJ1	273.6874	After	Interior Girder 2	48.6874	0.95	1	1	4.606233
SU5_serv	BOBJ1	273.6874	After	Right Exterior Girder	48.6874	0.95	1	1	4.794439
SU5_serv	BOBJ1	282.15	Before	Left Exterior Girder	57.15	0.95	1	1	7.347786
SU5_serv	BOBJ1	282.15	Before	Interior Girder 1	57.15	0.95	1	1	7.115289
SU5_serv	BOBJ1	282.15	Before	Interior Girder 2	57.15	0.95	1	1	7.115289
SU5_serv	BOBJ1	282.15	Before	Right Exterior Girder	57.15	0.95	1	1	7.347786
SU5_serv	BOBJ1	282.15	After	Left Exterior Girder	57.15	0.95	1	1	7.337291
SU5_serv	BOBJ1	282.15	After	Interior Girder 1	57.15	0.95	1	1	7.131232
SU5_serv	BOBJ1	282.15	After	Interior Girder 2	57.15	0.95	1	1	7.131232
SU5_serv	BOBJ1	282.15	After	Right Exterior Girder	57.15	0.95	1	1	7.337291
SU5_serv	BOBJ1	293.6	Before	Left Exterior Girder	68.6	0.95	1	1	5.429049
SU5_serv	BOBJ1	293.6	Before	Interior Girder 1	68.6	0.95	1	1	4.294938
SU5_serv	BOBJ1	293.6	Before	Interior Girder 2	68.6	0.95	1	1	4.294938
SU5_serv	BOBJ1	293.6	Before	Right Exterior Girder	68.6	0.95	1	1	5.429048
SU5_serv	BOBJ1	293.6	After	Left Exterior Girder	68.6	0.95	1	1	5.611793
SU5_serv	BOBJ1	293.6	After	Interior Girder 1	68.6	0.95	1	1	4.372546
SU5_serv	BOBJ1	293.6	After	Interior Girder 2	68.6	0.95	1	1	4.372546
SU5_serv	BOBJ1	293.6	After	Right Exterior Girder	68.6	0.95	1	1	5.611793
SU5_serv	BOBJ1	305	Before	Left Exterior Girder	80	0.95	1	1	3.049941
SU5_serv	BOBJ1	305	Before	Interior Girder 1	80	0.95	1	1	2.43431
SU5_serv	BOBJ1	305	Before	Interior Girder 2	80	0.95	1	1	2.43431
SU5_serv	BOBJ1	305	Before	Right Exterior Girder	80	0.95	1	1	3.049941
SU5_serv	BOBJ1	305	After	Left Exterior Girder	80	0.95	1	1	3.048717
SU5_serv	BOBJ1	305	After	Interior Girder 1	80	0.95	1	1	2.433034
SU5_serv	BOBJ1	305	After	Interior Girder 2	80	0.95	1	1	2.433034
SU5_serv	BOBJ1	305	After	Right Exterior Girder	80	0.95	1	1	3.048717
SU5_serv	BOBJ1	306.9561	Before	Left Exterior Girder	81.9561	0.95	1	1	2.703833
SU5_serv	BOBJ1	306.9561	Before	Interior Girder 1	81.9561	0.95	1	1	2.180935
SU5_serv	BOBJ1	306.9561	Before	Interior Girder 2	81.9561	0.95	1	1	2.180935
SU5_serv	BOBJ1	306.9561	Before	Right Exterior Girder	81.9561	0.95	1	1	2.703834
SU5_serv	BOBJ1	306.9561	After	Left Exterior Girder	81.9561	0.95	1	1	7.074736
SU5_serv	BOBJ1	306.9561	After	Interior Girder 1	81.9561	0.95	1	1	5.774438
SU5_serv	BOBJ1	306.9561	After	Interior Girder 2	81.9561	0.95	1	1	5.774438
SU5_serv	BOBJ1	306.9561	After	Right Exterior Girder	81.9561	0.95	1	1	7.074736
SU5_serv	BOBJ1	316.4	Before	Left Exterior Girder	91.4	0.95	1	1	5.209432
SU5_serv	BOBJ1	316.4	Before	Interior Girder 1	91.4	0.95	1	1	4.420381

TABLE: Bridge Super Rating AASHTORATE18 26 - SteelINonCompServ-Flx - Main Span Girders									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
SU5_serv	BOBJ1	316.4	Before	Interior Girder 2	91.4	0.95	1	1	4.420382
SU5_serv	BOBJ1	316.4	Before	Right Exterior Girder	91.4	0.95	1	1	5.209433
SU5_serv	BOBJ1	316.4	After	Left Exterior Girder	91.4	0.95	1	1	5.274809
SU5_serv	BOBJ1	316.4	After	Interior Girder 1	91.4	0.95	1	1	4.41488
SU5_serv	BOBJ1	316.4	After	Interior Girder 2	91.4	0.95	1	1	4.41488
SU5_serv	BOBJ1	316.4	After	Right Exterior Girder	91.4	0.95	1	1	5.274809
SU5_serv	BOBJ1	327.85	Before	Left Exterior Girder	102.9679	0.95	1	1	3.785039
SU5_serv	BOBJ1	327.85	Before	Interior Girder 1	102.9679	0.95	1	1	3.187941
SU5_serv	BOBJ1	327.85	Before	Interior Girder 2	102.9679	0.95	1	1	3.187941
SU5_serv	BOBJ1	327.85	Before	Right Exterior Girder	102.9679	0.95	1	1	3.785039
SU5_serv	BOBJ1	327.85	After	Left Exterior Girder	102.9679	0.95	1	1	7.310366
SU5_serv	BOBJ1	327.85	After	Interior Girder 1	102.9679	0.95	1	1	6.263888
SU5_serv	BOBJ1	327.85	After	Interior Girder 2	102.9679	0.95	1	1	6.263888
SU5_serv	BOBJ1	327.85	After	Right Exterior Girder	102.9679	0.95	1	1	7.310365
SU5_serv	BOBJ1	339.3	Before	Left Exterior Girder	114.3	0.95	1	1	5.953309
SU5_serv	BOBJ1	339.3	Before	Interior Girder 1	114.3	0.95	1	1	5.245302
SU5_serv	BOBJ1	339.3	Before	Interior Girder 2	114.3	0.95	1	1	5.245302
SU5_serv	BOBJ1	339.3	Before	Right Exterior Girder	114.3	0.95	1	1	5.953308
SU5_serv	BOBJ1	339.3	After	Left Exterior Girder	114.3	0.95	1	1	5.992588
SU5_serv	BOBJ1	339.3	After	Interior Girder 1	114.3	0.95	1	1	5.249751
SU5_serv	BOBJ1	339.3	After	Interior Girder 2	114.3	0.95	1	1	5.249751
SU5_serv	BOBJ1	339.3	After	Right Exterior Girder	114.3	0.95	1	1	5.992589
SU5_serv	BOBJ1	350.7	Before	Left Exterior Girder	125.7	0.95	1	1	5.143691
SU5_serv	BOBJ1	350.7	Before	Interior Girder 1	125.7	0.95	1	1	4.496572
SU5_serv	BOBJ1	350.7	Before	Interior Girder 2	125.7	0.95	1	1	4.496572
SU5_serv	BOBJ1	350.7	Before	Right Exterior Girder	125.7	0.95	1	1	5.143691
SU5_serv	BOBJ1	350.7	After	Left Exterior Girder	125.7	0.95	1	1	5.140916
SU5_serv	BOBJ1	350.7	After	Interior Girder 1	125.7	0.95	1	1	4.500717
SU5_serv	BOBJ1	350.7	After	Interior Girder 2	125.7	0.95	1	1	4.500717
SU5_serv	BOBJ1	350.7	After	Right Exterior Girder	125.7	0.95	1	1	5.140916
SU5_serv	BOBJ1	362.1	Before	Left Exterior Girder	137.1	0.95	1	1	4.556367
SU5_serv	BOBJ1	362.1	Before	Interior Girder 1	137.1	0.95	1	1	4.063248
SU5_serv	BOBJ1	362.1	Before	Interior Girder 2	137.1	0.95	1	1	4.063248
SU5_serv	BOBJ1	362.1	Before	Right Exterior Girder	137.1	0.95	1	1	4.556367
SU5_serv	BOBJ1	362.1	After	Left Exterior Girder	137.1	0.95	1	1	4.577541
SU5_serv	BOBJ1	362.1	After	Interior Girder 1	137.1	0.95	1	1	4.071185
SU5_serv	BOBJ1	362.1	After	Interior Girder 2	137.1	0.95	1	1	4.071185
SU5_serv	BOBJ1	362.1	After	Right Exterior Girder	137.1	0.95	1	1	4.577541
SU5_serv	BOBJ1	373.55	Before	Left Exterior Girder	148.55	0.95	1	1	4.284387
SU5_serv	BOBJ1	373.55	Before	Interior Girder 1	148.55	0.95	1	1	3.786449
SU5_serv	BOBJ1	373.55	Before	Interior Girder 2	148.55	0.95	1	1	3.786449
SU5_serv	BOBJ1	373.55	Before	Right Exterior Girder	148.55	0.95	1	1	4.284387
SU5_serv	BOBJ1	373.55	After	Left Exterior Girder	148.55	0.95	1	1	4.28246
SU5_serv	BOBJ1	373.55	After	Interior Girder 1	148.55	0.95	1	1	3.78783
SU5_serv	BOBJ1	373.55	After	Interior Girder 2	148.55	0.95	1	1	3.78783
SU5_serv	BOBJ1	373.55	After	Right Exterior Girder	148.55	0.95	1	1	4.28246
SU5_serv	BOBJ1	385	Before	Left Exterior Girder	160	0.95	1	1	4.16378
SU5_serv	BOBJ1	385	Before	Interior Girder 1	160	0.95	1	1	3.72427
SU5_serv	BOBJ1	385	Before	Interior Girder 2	160	0.95	1	1	3.72427
SU5_serv	BOBJ1	385	Before	Right Exterior Girder	160	0.95	1	1	4.16378
SU5_serv	BOBJ1	385	After	Left Exterior Girder	160	0.95	1	1	4.16378
SU5_serv	BOBJ1	385	After	Interior Girder 1	160	0.95	1	1	3.72427
SU5_serv	BOBJ1	385	After	Interior Girder 2	160	0.95	1	1	3.72427
SU5_serv	BOBJ1	385	After	Right Exterior Girder	160	0.95	1	1	4.16378
SU5_serv	BOBJ1	396.45	Before	Left Exterior Girder	171.45	0.95	1	1	4.28246
SU5_serv	BOBJ1	396.45	Before	Interior Girder 1	171.45	0.95	1	1	3.78783
SU5_serv	BOBJ1	396.45	Before	Interior Girder 2	171.45	0.95	1	1	3.78783
SU5_serv	BOBJ1	396.45	Before	Right Exterior Girder	171.45	0.95	1	1	4.28246
SU5_serv	BOBJ1	396.45	After	Left Exterior Girder	171.45	0.95	1	1	4.284387
SU5_serv	BOBJ1	396.45	After	Interior Girder 1	171.45	0.95	1	1	3.786449
SU5_serv	BOBJ1	396.45	After	Interior Girder 2	171.45	0.95	1	1	3.786449
SU5_serv	BOBJ1	396.45	After	Right Exterior Girder	171.45	0.95	1	1	4.284387
SU5_serv	BOBJ1	407.9	Before	Left Exterior Girder	182.9	0.95	1	1	4.577542
SU5_serv	BOBJ1	407.9	Before	Interior Girder 1	182.9	0.95	1	1	4.071185
SU5_serv	BOBJ1	407.9	Before	Interior Girder 2	182.9	0.95	1	1	4.071185
SU5_serv	BOBJ1	407.9	Before	Right Exterior Girder	182.9	0.95	1	1	4.577542
SU5_serv	BOBJ1	407.9	After	Left Exterior Girder	182.9	0.95	1	1	4.556366
SU5_serv	BOBJ1	407.9	After	Interior Girder 1	182.9	0.95	1	1	4.063248
SU5_serv	BOBJ1	407.9	After	Interior Girder 2	182.9	0.95	1	1	4.063248
SU5_serv	BOBJ1	407.9	After	Right Exterior Girder	182.9	0.95	1	1	4.556366

TABLE: Bridge Super Rating AASHTORATE18 26 - SteelINonCompServ-Flx - Main Span Girders									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
SU5_serv	BOBJ1	419.3	Before	Left Exterior Girder	194.3	0.95	1	1	5.140916
SU5_serv	BOBJ1	419.3	Before	Interior Girder 1	194.3	0.95	1	1	4.500717
SU5_serv	BOBJ1	419.3	Before	Interior Girder 2	194.3	0.95	1	1	4.500717
SU5_serv	BOBJ1	419.3	Before	Right Exterior Girder	194.3	0.95	1	1	5.140916
SU5_serv	BOBJ1	419.3	After	Left Exterior Girder	194.3	0.95	1	1	5.143691
SU5_serv	BOBJ1	419.3	After	Interior Girder 1	194.3	0.95	1	1	4.496571
SU5_serv	BOBJ1	419.3	After	Interior Girder 2	194.3	0.95	1	1	4.496571
SU5_serv	BOBJ1	419.3	After	Right Exterior Girder	194.3	0.95	1	1	5.143691
SU5_serv	BOBJ1	430.7	Before	Left Exterior Girder	205.7	0.95	1	1	5.992589
SU5_serv	BOBJ1	430.7	Before	Interior Girder 1	205.7	0.95	1	1	5.24975
SU5_serv	BOBJ1	430.7	Before	Interior Girder 2	205.7	0.95	1	1	5.24975
SU5_serv	BOBJ1	430.7	Before	Right Exterior Girder	205.7	0.95	1	1	5.992588
SU5_serv	BOBJ1	430.7	After	Left Exterior Girder	205.7	0.95	1	1	5.953308
SU5_serv	BOBJ1	430.7	After	Interior Girder 1	205.7	0.95	1	1	5.245302
SU5_serv	BOBJ1	430.7	After	Interior Girder 2	205.7	0.95	1	1	5.245302
SU5_serv	BOBJ1	430.7	After	Right Exterior Girder	205.7	0.95	1	1	5.953309
SU5_serv	BOBJ1	442.15	Before	Left Exterior Girder	217.0321	0.95	1	1	7.298406
SU5_serv	BOBJ1	442.15	Before	Interior Girder 1	217.0321	0.95	1	1	6.264014
SU5_serv	BOBJ1	442.15	Before	Interior Girder 2	217.0321	0.95	1	1	6.264014
SU5_serv	BOBJ1	442.15	Before	Right Exterior Girder	217.0321	0.95	1	1	7.298406
SU5_serv	BOBJ1	442.15	After	Left Exterior Girder	217.0321	0.95	1	1	3.779781
SU5_serv	BOBJ1	442.15	After	Interior Girder 1	217.0321	0.95	1	1	3.18704
SU5_serv	BOBJ1	442.15	After	Interior Girder 2	217.0321	0.95	1	1	3.18704
SU5_serv	BOBJ1	442.15	After	Right Exterior Girder	217.0321	0.95	1	1	3.779781
SU5_serv	BOBJ1	453.6	Before	Left Exterior Girder	228.6	0.95	1	1	5.274809
SU5_serv	BOBJ1	453.6	Before	Interior Girder 1	228.6	0.95	1	1	4.41488
SU5_serv	BOBJ1	453.6	Before	Interior Girder 2	228.6	0.95	1	1	4.41488
SU5_serv	BOBJ1	453.6	Before	Right Exterior Girder	228.6	0.95	1	1	5.274809
SU5_serv	BOBJ1	453.6	After	Left Exterior Girder	228.6	0.95	1	1	5.209432
SU5_serv	BOBJ1	453.6	After	Interior Girder 1	228.6	0.95	1	1	4.420381
SU5_serv	BOBJ1	453.6	After	Interior Girder 2	228.6	0.95	1	1	4.420382
SU5_serv	BOBJ1	453.6	After	Right Exterior Girder	228.6	0.95	1	1	5.209432
SU5_serv	BOBJ1	463.0439	Before	Left Exterior Girder	238.0439	0.95	1	1	7.054228
SU5_serv	BOBJ1	463.0439	Before	Interior Girder 1	238.0439	0.95	1	1	5.774248
SU5_serv	BOBJ1	463.0439	Before	Interior Girder 2	238.0439	0.95	1	1	5.774248
SU5_serv	BOBJ1	463.0439	Before	Right Exterior Girder	238.0439	0.95	1	1	7.054228
SU5_serv	BOBJ1	463.0439	After	Left Exterior Girder	238.0439	0.95	1	1	2.696817
SU5_serv	BOBJ1	463.0439	After	Interior Girder 1	238.0439	0.95	1	1	2.180034
SU5_serv	BOBJ1	463.0439	After	Interior Girder 2	238.0439	0.95	1	1	2.180034
SU5_serv	BOBJ1	463.0439	After	Right Exterior Girder	238.0439	0.95	1	1	2.696817
SU5_serv	BOBJ1	465	Before	Left Exterior Girder	240	0.95	1	1	3.048717
SU5_serv	BOBJ1	465	Before	Interior Girder 1	240	0.95	1	1	2.433034
SU5_serv	BOBJ1	465	Before	Interior Girder 2	240	0.95	1	1	2.433034
SU5_serv	BOBJ1	465	Before	Right Exterior Girder	240	0.95	1	1	3.048717
SU5_serv	BOBJ1	465	After	Left Exterior Girder	240	0.95	1	1	3.049941
SU5_serv	BOBJ1	465	After	Interior Girder 1	240	0.95	1	1	2.43431
SU5_serv	BOBJ1	465	After	Interior Girder 2	240	0.95	1	1	2.43431
SU5_serv	BOBJ1	465	After	Right Exterior Girder	240	0.95	1	1	3.049941
SU5_serv	BOBJ1	476.4	Before	Left Exterior Girder	251.4	0.95	1	1	5.611793
SU5_serv	BOBJ1	476.4	Before	Interior Girder 1	251.4	0.95	1	1	4.372546
SU5_serv	BOBJ1	476.4	Before	Interior Girder 2	251.4	0.95	1	1	4.372547
SU5_serv	BOBJ1	476.4	Before	Right Exterior Girder	251.4	0.95	1	1	5.611792
SU5_serv	BOBJ1	476.4	After	Left Exterior Girder	251.4	0.95	1	1	5.429048
SU5_serv	BOBJ1	476.4	After	Interior Girder 1	251.4	0.95	1	1	4.294938
SU5_serv	BOBJ1	476.4	After	Interior Girder 2	251.4	0.95	1	1	4.294939
SU5_serv	BOBJ1	476.4	After	Right Exterior Girder	251.4	0.95	1	1	5.429048
SU5_serv	BOBJ1	487.85	Before	Left Exterior Girder	262.85	0.95	1	1	7.337291
SU5_serv	BOBJ1	487.85	Before	Interior Girder 1	262.85	0.95	1	1	7.131406
SU5_serv	BOBJ1	487.85	Before	Interior Girder 2	262.85	0.95	1	1	7.131407
SU5_serv	BOBJ1	487.85	Before	Right Exterior Girder	262.85	0.95	1	1	7.337291
SU5_serv	BOBJ1	487.85	After	Left Exterior Girder	262.85	0.95	1	1	7.347786
SU5_serv	BOBJ1	487.85	After	Interior Girder 1	262.85	0.95	1	1	7.115469
SU5_serv	BOBJ1	487.85	After	Interior Girder 2	262.85	0.95	1	1	7.11547
SU5_serv	BOBJ1	487.85	After	Right Exterior Girder	262.85	0.95	1	1	7.347786
SU5_serv	BOBJ1	496.3126	Before	Left Exterior Girder	271.3126	0.95	1	1	4.795753
SU5_serv	BOBJ1	496.3126	Before	Interior Girder 1	271.3126	0.95	1	1	4.610607
SU5_serv	BOBJ1	496.3126	Before	Interior Girder 2	271.3126	0.95	1	1	4.610607
SU5_serv	BOBJ1	496.3126	Before	Right Exterior Girder	271.3126	0.95	1	1	4.795753
SU5_serv	BOBJ1	496.3126	After	Left Exterior Girder	271.3126	0.95	1	1	11.142213
SU5_serv	BOBJ1	496.3126	After	Interior Girder 1	271.3126	0.95	1	1	10.6336

TABLE: Bridge Super Rating AASHTORATE18 26 - SteelINonCompServ-Flx - Main Span Girders									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
SU5_serv	BOBJ1	496.3126	After	Interior Girder 2	271.3126	0.95	1	1	10.6336
SU5_serv	BOBJ1	496.3126	After	Right Exterior Girder	271.3126	0.95	1	1	11.142213
SU5_serv	BOBJ1	499.3	Before	Left Exterior Girder	274.3	0.95	1	1	10.166827
SU5_serv	BOBJ1	499.3	Before	Interior Girder 1	274.3	0.95	1	1	9.659323
SU5_serv	BOBJ1	499.3	Before	Interior Girder 2	274.3	0.95	1	1	9.659323
SU5_serv	BOBJ1	499.3	Before	Right Exterior Girder	274.3	0.95	1	1	10.166827
SU5_serv	BOBJ1	499.3	After	Left Exterior Girder	274.3	0.95	1	1	10.094618
SU5_serv	BOBJ1	499.3	After	Interior Girder 1	274.3	0.95	1	1	9.602797
SU5_serv	BOBJ1	499.3	After	Interior Girder 2	274.3	0.95	1	1	9.602796
SU5_serv	BOBJ1	499.3	After	Right Exterior Girder	274.3	0.95	1	1	10.094618
SU5_serv	BOBJ1	503.8969	Before	Left Exterior Girder	278.8969	0.95	1	1	8.6315
SU5_serv	BOBJ1	503.8969	Before	Interior Girder 1	278.8969	0.95	1	1	8.124584
SU5_serv	BOBJ1	503.8969	Before	Interior Girder 2	278.8969	0.95	1	1	8.124584
SU5_serv	BOBJ1	503.8969	Before	Right Exterior Girder	278.8969	0.95	1	1	8.6315
SU5_serv	BOBJ1	503.8969	After	Left Exterior Girder	278.8969	0.95	1	1	16.087463
SU5_serv	BOBJ1	503.8969	After	Interior Girder 1	278.8969	0.95	1	1	15.132465
SU5_serv	BOBJ1	503.8969	After	Interior Girder 2	278.8969	0.95	1	1	15.132465
SU5_serv	BOBJ1	503.8969	After	Right Exterior Girder	278.8969	0.95	1	1	16.087463
SU5_serv	BOBJ1	510.7	Before	Left Exterior Girder	285.7	0.95	1	1	13.750284
SU5_serv	BOBJ1	510.7	Before	Interior Girder 1	285.7	0.95	1	1	12.727124
SU5_serv	BOBJ1	510.7	Before	Interior Girder 2	285.7	0.95	1	1	12.727123
SU5_serv	BOBJ1	510.7	Before	Right Exterior Girder	285.7	0.95	1	1	13.750284
SU5_serv	BOBJ1	510.7	After	Left Exterior Girder	285.7	0.95	1	1	13.756795
SU5_serv	BOBJ1	510.7	After	Interior Girder 1	285.7	0.95	1	1	12.72167
SU5_serv	BOBJ1	510.7	After	Interior Girder 2	285.7	0.95	1	1	12.72167
SU5_serv	BOBJ1	510.7	After	Right Exterior Girder	285.7	0.95	1	1	13.756795
SU5_serv	BOBJ1	511.4811	Before	Left Exterior Girder	286.4811	0.95	1	1	13.482797
SU5_serv	BOBJ1	511.4811	Before	Interior Girder 1	286.4811	0.95	1	1	12.456433
SU5_serv	BOBJ1	511.4811	Before	Interior Girder 2	286.4811	0.95	1	1	12.456432
SU5_serv	BOBJ1	511.4811	Before	Right Exterior Girder	286.4811	0.95	1	1	13.482797
SU5_serv	BOBJ1	511.4811	After	Left Exterior Girder	286.4811	0.95	1	1	19.470366
SU5_serv	BOBJ1	511.4811	After	Interior Girder 1	286.4811	0.95	1	1	18.13504
SU5_serv	BOBJ1	511.4811	After	Interior Girder 2	286.4811	0.95	1	1	18.13504
SU5_serv	BOBJ1	511.4811	After	Right Exterior Girder	286.4811	0.95	1	1	19.470366
SU5_serv	BOBJ1	522.1	Before	Left Exterior Girder	297.1	0.95	1	1	13.997415
SU5_serv	BOBJ1	522.1	Before	Interior Girder 1	297.1	0.95	1	1	14.184345
SU5_serv	BOBJ1	522.1	Before	Interior Girder 2	297.1	0.95	1	1	14.184344
SU5_serv	BOBJ1	522.1	Before	Right Exterior Girder	297.1	0.95	1	1	13.997414
SU5_serv	BOBJ1	522.1	After	Left Exterior Girder	297.1	0.95	1	1	14.338162
SU5_serv	BOBJ1	522.1	After	Interior Girder 1	297.1	0.95	1	1	14.168685
SU5_serv	BOBJ1	522.1	After	Interior Girder 2	297.1	0.95	1	1	14.168685
SU5_serv	BOBJ1	522.1	After	Right Exterior Girder	297.1	0.95	1	1	14.338162
SU5_serv	BOBJ1	530.4918	Before	Left Exterior Girder	305.4918	0.95	1	1	9.782525
SU5_serv	BOBJ1	530.4918	Before	Interior Girder 1	305.4918	0.95	1	1	9.780085
SU5_serv	BOBJ1	530.4918	Before	Interior Girder 2	305.4918	0.95	1	1	9.780086
SU5_serv	BOBJ1	530.4918	Before	Right Exterior Girder	305.4918	0.95	1	1	9.782524
SU5_serv	BOBJ1	530.4918	After	Left Exterior Girder	305.4918	0.95	1	1	14.374037
SU5_serv	BOBJ1	530.4918	After	Interior Girder 1	305.4918	0.95	1	1	14.357866
SU5_serv	BOBJ1	530.4918	After	Interior Girder 2	305.4918	0.95	1	1	14.357867
SU5_serv	BOBJ1	530.4918	After	Right Exterior Girder	305.4918	0.95	1	1	14.374036
SU5_serv	BOBJ1	533.55	Before	Left Exterior Girder	308.55	0.95	1	1	12.651523
SU5_serv	BOBJ1	533.55	Before	Interior Girder 1	308.55	0.95	1	1	12.570773
SU5_serv	BOBJ1	533.55	Before	Interior Girder 2	308.55	0.95	1	1	12.570774
SU5_serv	BOBJ1	533.55	Before	Right Exterior Girder	308.55	0.95	1	1	12.651522
SU5_serv	BOBJ1	533.55	After	Left Exterior Girder	308.55	0.95	1	1	12.625434
SU5_serv	BOBJ1	533.55	After	Interior Girder 1	308.55	0.95	1	1	12.56344
SU5_serv	BOBJ1	533.55	After	Interior Girder 2	308.55	0.95	1	1	12.563441
SU5_serv	BOBJ1	533.55	After	Right Exterior Girder	308.55	0.95	1	1	12.625434
SU5_serv	BOBJ1	545	Before	Left Exterior Girder	320	0.95	1	1	7.55512
SU5_serv	BOBJ1	545	Before	Interior Girder 1	320	0.95	1	1	6.982365
SU5_serv	BOBJ1	545	Before	Interior Girder 2	320	0.95	1	1	6.982366
SU5_serv	BOBJ1	545	Before	Right Exterior Girder	320	0.95	1	1	7.55512
SU5_serv	BOBJ1	545	After	Left Exterior Girder	0	0.95	1	1	7.933765
SU5_serv	BOBJ1	545	After	Interior Girder 1	0	0.95	1	1	7.191866
SU5_serv	BOBJ1	545	After	Interior Girder 2	0	0.95	1	1	7.191866
SU5_serv	BOBJ1	545	After	Right Exterior Girder	0	0.95	1	1	7.933764
SU5_serv	BOBJ1	556.25	Before	Left Exterior Girder	11.25	0.95	1	1	12.493402
SU5_serv	BOBJ1	556.25	Before	Interior Girder 1	11.25	0.95	1	1	11.805272
SU5_serv	BOBJ1	556.25	Before	Interior Girder 2	11.25	0.95	1	1	11.805272
SU5_serv	BOBJ1	556.25	Before	Right Exterior Girder	11.25	0.95	1	1	12.493402

TABLE: Bridge Super Rating AASHTORATE18 26 - SteelINonCompServ-Flx - Main Span Girders									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
SU5_serv	BOBJ1	556.25	After	Left Exterior Girder	11.25	0.95	1	1	12.508631
SU5_serv	BOBJ1	556.25	After	Interior Girder 1	11.25	0.95	1	1	11.828873
SU5_serv	BOBJ1	556.25	After	Interior Girder 2	11.25	0.95	1	1	11.828873
SU5_serv	BOBJ1	556.25	After	Right Exterior Girder	11.25	0.95	1	1	12.508631
SU5_serv	BOBJ1	559.4358	Before	Left Exterior Girder	14.4358	0.95	1	1	13.90975
SU5_serv	BOBJ1	559.4358	Before	Interior Girder 1	14.4358	0.95	1	1	13.340731
SU5_serv	BOBJ1	559.4358	Before	Interior Girder 2	14.4358	0.95	1	1	13.340731
SU5_serv	BOBJ1	559.4358	Before	Right Exterior Girder	14.4358	0.95	1	1	13.90975
SU5_serv	BOBJ1	559.4358	After	Left Exterior Girder	14.4358	0.95	1	1	9.410379
SU5_serv	BOBJ1	559.4358	After	Interior Girder 1	14.4358	0.95	1	1	9.015748
SU5_serv	BOBJ1	559.4358	After	Interior Girder 2	14.4358	0.95	1	1	9.015748
SU5_serv	BOBJ1	559.4358	After	Right Exterior Girder	14.4358	0.95	1	1	9.410379
SU5_serv	BOBJ1	567.5	Before	Left Exterior Girder	22.5	0.95	1	1	12.537817
SU5_serv	BOBJ1	567.5	Before	Interior Girder 1	22.5	0.95	1	1	11.549391
SU5_serv	BOBJ1	567.5	Before	Interior Girder 2	22.5	0.95	1	1	11.549391
SU5_serv	BOBJ1	567.5	Before	Right Exterior Girder	22.5	0.95	1	1	12.537816
SU5_serv	BOBJ1	567.5	After	Left Exterior Girder	22.5	0.95	1	1	12.221288
SU5_serv	BOBJ1	567.5	After	Interior Girder 1	22.5	0.95	1	1	11.531644
SU5_serv	BOBJ1	567.5	After	Interior Girder 2	22.5	0.95	1	1	11.531644
SU5_serv	BOBJ1	567.5	After	Right Exterior Girder	22.5	0.95	1	1	12.221288
SU5_serv	BOBJ1	570.0586	Before	Left Exterior Girder	25.0586	0.95	1	1	13.286981
SU5_serv	BOBJ1	570.0586	Before	Interior Girder 1	25.0586	0.95	1	1	12.25545
SU5_serv	BOBJ1	570.0586	Before	Interior Girder 2	25.0586	0.95	1	1	12.25545
SU5_serv	BOBJ1	570.0586	Before	Right Exterior Girder	25.0586	0.95	1	1	13.286981
SU5_serv	BOBJ1	570.0586	After	Left Exterior Girder	25.0586	0.95	1	1	8.123507
SU5_serv	BOBJ1	570.0586	After	Interior Girder 1	25.0586	0.95	1	1	7.505893
SU5_serv	BOBJ1	570.0586	After	Interior Girder 2	25.0586	0.95	1	1	7.505893
SU5_serv	BOBJ1	570.0586	After	Right Exterior Girder	25.0586	0.95	1	1	8.123507
SU5_serv	BOBJ1	578.75	Before	Left Exterior Girder	33.75	0.95	1	1	10.48292
SU5_serv	BOBJ1	578.75	Before	Interior Girder 1	33.75	0.95	1	1	9.777052
SU5_serv	BOBJ1	578.75	Before	Interior Girder 2	33.75	0.95	1	1	9.777052
SU5_serv	BOBJ1	578.75	Before	Right Exterior Girder	33.75	0.95	1	1	10.482919
SU5_serv	BOBJ1	578.75	After	Left Exterior Girder	33.75	0.95	1	1	10.460302
SU5_serv	BOBJ1	578.75	After	Interior Girder 1	33.75	0.95	1	1	9.79208
SU5_serv	BOBJ1	578.75	After	Interior Girder 2	33.75	0.95	1	1	9.79208
SU5_serv	BOBJ1	578.75	After	Right Exterior Girder	33.75	0.95	1	1	10.460302
SU5_serv	BOBJ1	586.8142	Before	Left Exterior Girder	41.8142	0.95	1	1	12.600476
SU5_serv	BOBJ1	586.8142	Before	Interior Girder 1	41.8142	0.95	1	1	11.979209
SU5_serv	BOBJ1	586.8142	Before	Interior Girder 2	41.8142	0.95	1	1	11.979209
SU5_serv	BOBJ1	586.8142	Before	Right Exterior Girder	41.8142	0.95	1	1	12.600476
SU5_serv	BOBJ1	586.8142	After	Left Exterior Girder	41.8142	0.95	1	1	6.020489
SU5_serv	BOBJ1	586.8142	After	Interior Girder 1	41.8142	0.95	1	1	5.741194
SU5_serv	BOBJ1	586.8142	After	Interior Girder 2	41.8142	0.95	1	1	5.741194
SU5_serv	BOBJ1	586.8142	After	Right Exterior Girder	41.8142	0.95	1	1	6.020489
SU5_serv	BOBJ1	590	Before	Left Exterior Girder	45	0.95	1	1	6.768496
SU5_serv	BOBJ1	590	Before	Interior Girder 1	45	0.95	1	1	6.498835
SU5_serv	BOBJ1	590	Before	Interior Girder 2	45	0.95	1	1	6.498835
SU5_serv	BOBJ1	590	Before	Right Exterior Girder	45	0.95	1	1	6.768496
SU5_serv	BOBJ1	590	After	Left Exterior Girder	45	0.95	1	1	6.800677
SU5_serv	BOBJ1	590	After	Interior Girder 1	45	0.95	1	1	6.520033
SU5_serv	BOBJ1	590	After	Interior Girder 2	45	0.95	1	1	6.520033
SU5_serv	BOBJ1	590	After	Right Exterior Girder	45	0.95	1	1	6.800677
SU5_serv	BOBJ1	601.25	Before	Left Exterior Girder	56.25	0.95	1	1	9.509652
SU5_serv	BOBJ1	601.25	Before	Interior Girder 1	56.25	0.95	1	1	9.246948
SU5_serv	BOBJ1	601.25	Before	Interior Girder 2	56.25	0.95	1	1	9.246948
SU5_serv	BOBJ1	601.25	Before	Right Exterior Girder	56.25	0.95	1	1	9.509652
SU5_serv	BOBJ1	601.25	After	Left Exterior Girder	56.25	0.95	1	1	9.49683
SU5_serv	BOBJ1	601.25	After	Interior Girder 1	56.25	0.95	1	1	9.258321
SU5_serv	BOBJ1	601.25	After	Interior Girder 2	56.25	0.95	1	1	9.258321
SU5_serv	BOBJ1	601.25	After	Right Exterior Girder	56.25	0.95	1	1	9.49683
SU5_serv	BOBJ1	601.7478	Before	Left Exterior Girder	56.7478	0.95	1	1	9.618605
SU5_serv	BOBJ1	601.7478	Before	Interior Girder 1	56.7478	0.95	1	1	9.384566
SU5_serv	BOBJ1	601.7478	Before	Interior Girder 2	56.7478	0.95	1	1	9.384566
SU5_serv	BOBJ1	601.7478	Before	Right Exterior Girder	56.7478	0.95	1	1	9.618605
SU5_serv	BOBJ1	601.7478	After	Left Exterior Girder	56.7478	0.95	1	1	3.824587
SU5_serv	BOBJ1	601.7478	After	Interior Girder 1	56.7478	0.95	1	1	3.761973
SU5_serv	BOBJ1	601.7478	After	Interior Girder 2	56.7478	0.95	1	1	3.761973
SU5_serv	BOBJ1	601.7478	After	Right Exterior Girder	56.7478	0.95	1	1	3.824587
SU5_serv	BOBJ1	612.5	Before	Left Exterior Girder	67.5	0.95	1	1	6.15446
SU5_serv	BOBJ1	612.5	Before	Interior Girder 1	67.5	0.95	1	1	6.107523

TABLE: Bridge Super Rating AASHTORATE18 26 - SteelINonCompServ-Flx - Main Span Girders									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
SU5_serv	BOBJ1	612.5	Before	Interior Girder 2	67.5	0.95	1	1	6.107523
SU5_serv	BOBJ1	612.5	Before	Right Exterior Girder	67.5	0.95	1	1	6.154459
SU5_serv	BOBJ1	612.5	After	Left Exterior Girder	67.5	0.95	1	1	6.100932
SU5_serv	BOBJ1	612.5	After	Interior Girder 1	67.5	0.95	1	1	6.075276
SU5_serv	BOBJ1	612.5	After	Interior Girder 2	67.5	0.95	1	1	6.075276
SU5_serv	BOBJ1	612.5	After	Right Exterior Girder	67.5	0.95	1	1	6.100932
SU5_serv	BOBJ1	623.75	Before	Left Exterior Girder	78.75	0.95	1	1	5.548702
SU5_serv	BOBJ1	623.75	Before	Interior Girder 1	78.75	0.95	1	1	4.591067
SU5_serv	BOBJ1	623.75	Before	Interior Girder 2	78.75	0.95	1	1	4.591067
SU5_serv	BOBJ1	623.75	Before	Right Exterior Girder	78.75	0.95	1	1	5.548703
SU5_serv	BOBJ1	623.75	After	Left Exterior Girder	78.75	0.95	1	1	5.552115
SU5_serv	BOBJ1	623.75	After	Interior Girder 1	78.75	0.95	1	1	4.58696
SU5_serv	BOBJ1	623.75	After	Interior Girder 2	78.75	0.95	1	1	4.58696
SU5_serv	BOBJ1	623.75	After	Right Exterior Girder	78.75	0.95	1	1	5.552115
SU5_serv	BOBJ1	635	Before	Left Exterior Girder	90	0.95	1	1	3.882778
SU5_serv	BOBJ1	635	Before	Interior Girder 1	90	0.95	1	1	3.370252
SU5_serv	BOBJ1	635	Before	Interior Girder 2	90	0.95	1	1	3.370252
SU5_serv	BOBJ1	635	Before	Right Exterior Girder	90	0.95	1	1	3.882778
SU5_serv	BOBJ1	635	After	Left Exterior Girder	90	0.95	1	1	3.950402
SU5_serv	BOBJ1	635	After	Interior Girder 1	90	0.95	1	1	3.386394
SU5_serv	BOBJ1	635	After	Interior Girder 2	90	0.95	1	1	3.386393
SU5_serv	BOBJ1	635	After	Right Exterior Girder	90	0.95	1	1	3.950402
SU5_serv	BOBJ1	643.5619	Before	Left Exterior Girder	98.5619	0.95	1	1	3.089619
SU5_serv	BOBJ1	643.5619	Before	Interior Girder 1	98.5619	0.95	1	1	2.673729
SU5_serv	BOBJ1	643.5619	Before	Interior Girder 2	98.5619	0.95	1	1	2.673729
SU5_serv	BOBJ1	643.5619	Before	Right Exterior Girder	98.5619	0.95	1	1	3.08962
SU5_serv	BOBJ1	643.5619	After	Left Exterior Girder	98.5619	0.95	1	1	5.847407
SU5_serv	BOBJ1	643.5619	After	Interior Girder 1	98.5619	0.95	1	1	5.050857
SU5_serv	BOBJ1	643.5619	After	Interior Girder 2	98.5619	0.95	1	1	5.050856
SU5_serv	BOBJ1	643.5619	After	Right Exterior Girder	98.5619	0.95	1	1	5.847407
SU5_serv	BOBJ1	646.25	Before	Left Exterior Girder	101.25	0.95	1	1	5.563209
SU5_serv	BOBJ1	646.25	Before	Interior Girder 1	101.25	0.95	1	1	4.828996
SU5_serv	BOBJ1	646.25	Before	Interior Girder 2	101.25	0.95	1	1	4.828995
SU5_serv	BOBJ1	646.25	Before	Right Exterior Girder	101.25	0.95	1	1	5.563209
SU5_serv	BOBJ1	646.25	After	Left Exterior Girder	101.25	0.95	1	1	5.559374
SU5_serv	BOBJ1	646.25	After	Interior Girder 1	101.25	0.95	1	1	4.830914
SU5_serv	BOBJ1	646.25	After	Interior Girder 2	101.25	0.95	1	1	4.830914
SU5_serv	BOBJ1	646.25	After	Right Exterior Girder	101.25	0.95	1	1	5.559374
SU5_serv	BOBJ1	657.5	Before	Left Exterior Girder	112.5	0.95	1	1	4.612434
SU5_serv	BOBJ1	657.5	Before	Interior Girder 1	112.5	0.95	1	1	4.120613
SU5_serv	BOBJ1	657.5	Before	Interior Girder 2	112.5	0.95	1	1	4.120613
SU5_serv	BOBJ1	657.5	Before	Right Exterior Girder	112.5	0.95	1	1	4.612434
SU5_serv	BOBJ1	657.5	After	Left Exterior Girder	112.5	0.95	1	1	4.640594
SU5_serv	BOBJ1	657.5	After	Interior Girder 1	112.5	0.95	1	1	4.12494
SU5_serv	BOBJ1	657.5	After	Interior Girder 2	112.5	0.95	1	1	4.12494
SU5_serv	BOBJ1	657.5	After	Right Exterior Girder	112.5	0.95	1	1	4.640594
SU5_serv	BOBJ1	668.75	Before	Left Exterior Girder	123.75	0.95	1	1	4.086939
SU5_serv	BOBJ1	668.75	Before	Interior Girder 1	123.75	0.95	1	1	3.6151
SU5_serv	BOBJ1	668.75	Before	Interior Girder 2	123.75	0.95	1	1	3.6151
SU5_serv	BOBJ1	668.75	Before	Right Exterior Girder	123.75	0.95	1	1	4.086939
SU5_serv	BOBJ1	668.75	After	Left Exterior Girder	123.75	0.95	1	1	4.092283
SU5_serv	BOBJ1	668.75	After	Interior Girder 1	123.75	0.95	1	1	3.617722
SU5_serv	BOBJ1	668.75	After	Interior Girder 2	123.75	0.95	1	1	3.617722
SU5_serv	BOBJ1	668.75	After	Right Exterior Girder	123.75	0.95	1	1	4.092283
SU5_serv	BOBJ1	680	Before	Left Exterior Girder	135	0.95	1	1	3.753506
SU5_serv	BOBJ1	680	Before	Interior Girder 1	135	0.95	1	1	3.374902
SU5_serv	BOBJ1	680	Before	Interior Girder 2	135	0.95	1	1	3.374902
SU5_serv	BOBJ1	680	Before	Right Exterior Girder	135	0.95	1	1	3.753506
SU5_serv	BOBJ1	680	After	Left Exterior Girder	135	0.95	1	1	3.751377
SU5_serv	BOBJ1	680	After	Interior Girder 1	135	0.95	1	1	3.381043
SU5_serv	BOBJ1	680	After	Interior Girder 2	135	0.95	1	1	3.381043
SU5_serv	BOBJ1	680	After	Right Exterior Girder	135	0.95	1	1	3.751377
SU5_serv	BOBJ1	691.25	Before	Left Exterior Girder	146.25	0.95	1	1	3.683002
SU5_serv	BOBJ1	691.25	Before	Interior Girder 1	146.25	0.95	1	1	3.246956
SU5_serv	BOBJ1	691.25	Before	Interior Girder 2	146.25	0.95	1	1	3.246956
SU5_serv	BOBJ1	691.25	Before	Right Exterior Girder	146.25	0.95	1	1	3.683002
SU5_serv	BOBJ1	691.25	After	Left Exterior Girder	146.25	0.95	1	1	3.686762
SU5_serv	BOBJ1	691.25	After	Interior Girder 1	146.25	0.95	1	1	3.245042
SU5_serv	BOBJ1	691.25	After	Interior Girder 2	146.25	0.95	1	1	3.245042
SU5_serv	BOBJ1	691.25	After	Right Exterior Girder	146.25	0.95	1	1	3.686762

TABLE: Bridge Super Rating AASHTORATE18 26 - SteelINonCompServ-Flx - Main Span Girders									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
SU5_serv	BOBJ1	702.5	Before	Left Exterior Girder	157.5	0.95	1	1	3.833357
SU5_serv	BOBJ1	702.5	Before	Interior Girder 1	157.5	0.95	1	1	3.362943
SU5_serv	BOBJ1	702.5	Before	Interior Girder 2	157.5	0.95	1	1	3.362943
SU5_serv	BOBJ1	702.5	Before	Right Exterior Girder	157.5	0.95	1	1	3.833357
SU5_serv	BOBJ1	702.5	After	Left Exterior Girder	157.5	0.95	1	1	3.799379
SU5_serv	BOBJ1	702.5	After	Interior Girder 1	157.5	0.95	1	1	3.377218
SU5_serv	BOBJ1	702.5	After	Interior Girder 2	157.5	0.95	1	1	3.377218
SU5_serv	BOBJ1	702.5	After	Right Exterior Girder	157.5	0.95	1	1	3.799379
SU5_serv	BOBJ1	713.75	Before	Left Exterior Girder	168.75	0.95	1	1	4.293463
SU5_serv	BOBJ1	713.75	Before	Interior Girder 1	168.75	0.95	1	1	3.649206
SU5_serv	BOBJ1	713.75	Before	Interior Girder 2	168.75	0.95	1	1	3.649206
SU5_serv	BOBJ1	713.75	Before	Right Exterior Girder	168.75	0.95	1	1	4.293462
SU5_serv	BOBJ1	713.75	After	Left Exterior Girder	168.75	0.95	1	1	4.294311
SU5_serv	BOBJ1	713.75	After	Interior Girder 1	168.75	0.95	1	1	3.650382
SU5_serv	BOBJ1	713.75	After	Interior Girder 2	168.75	0.95	1	1	3.650382
SU5_serv	BOBJ1	713.75	After	Right Exterior Girder	168.75	0.95	1	1	4.29431
SU5_serv	BOBJ1	725	Before	Left Exterior Girder	180	0.95	1	1	5.223046
SU5_serv	BOBJ1	725	Before	Interior Girder 1	180	0.95	1	1	4.319376
SU5_serv	BOBJ1	725	Before	Interior Girder 2	180	0.95	1	1	4.319376
SU5_serv	BOBJ1	725	Before	Right Exterior Girder	180	0.95	1	1	5.223045
SU5_serv	BOBJ1	725	After	Left Exterior Girder	180	0.95	1	1	5.170233
SU5_serv	BOBJ1	725	After	Interior Girder 1	180	0.95	1	1	4.359342
SU5_serv	BOBJ1	725	After	Interior Girder 2	180	0.95	1	1	4.359342
SU5_serv	BOBJ1	725	After	Right Exterior Girder	180	0.95	1	1	5.170233
SU5_serv	BOBJ1	731.1726	Before	Left Exterior Girder	186.1726	0.95	1	1	6.044861
SU5_serv	BOBJ1	731.1726	Before	Interior Girder 1	186.1726	0.95	1	1	4.882274
SU5_serv	BOBJ1	731.1726	Before	Interior Girder 2	186.1726	0.95	1	1	4.882274
SU5_serv	BOBJ1	731.1726	Before	Right Exterior Girder	186.1726	0.95	1	1	6.044861
SU5_serv	BOBJ1	731.1726	After	Left Exterior Girder	186.1726	0.95	1	1	2.595914
SU5_serv	BOBJ1	731.1726	After	Interior Girder 1	186.1726	0.95	1	1	2.087812
SU5_serv	BOBJ1	731.1726	After	Interior Girder 2	186.1726	0.95	1	1	2.087812
SU5_serv	BOBJ1	731.1726	After	Right Exterior Girder	186.1726	0.95	1	1	2.595914
SU5_serv	BOBJ1	736.25	Before	Left Exterior Girder	191.25	0.95	1	1	3.198123
SU5_serv	BOBJ1	736.25	Before	Interior Girder 1	191.25	0.95	1	1	2.477181
SU5_serv	BOBJ1	736.25	Before	Interior Girder 2	191.25	0.95	1	1	2.477181
SU5_serv	BOBJ1	736.25	Before	Right Exterior Girder	191.25	0.95	1	1	3.198123
SU5_serv	BOBJ1	736.25	After	Left Exterior Girder	191.25	0.95	1	1	3.188494
SU5_serv	BOBJ1	736.25	After	Interior Girder 1	191.25	0.95	1	1	2.4779
SU5_serv	BOBJ1	736.25	After	Interior Girder 2	191.25	0.95	1	1	2.4779
SU5_serv	BOBJ1	736.25	After	Right Exterior Girder	191.25	0.95	1	1	3.188494
SU5_serv	BOBJ1	747.5	Before	Left Exterior Girder	202.5	0.95	1	1	5.540923
SU5_serv	BOBJ1	747.5	Before	Interior Girder 1	202.5	0.95	1	1	4.038062
SU5_serv	BOBJ1	747.5	Before	Interior Girder 2	202.5	0.95	1	1	4.038062
SU5_serv	BOBJ1	747.5	Before	Right Exterior Girder	202.5	0.95	1	1	5.540923
SU5_serv	BOBJ1	747.5	After	Left Exterior Girder	202.5	0.95	1	1	5.314887
SU5_serv	BOBJ1	747.5	After	Interior Girder 1	202.5	0.95	1	1	3.985416
SU5_serv	BOBJ1	747.5	After	Interior Girder 2	202.5	0.95	1	1	3.985416
SU5_serv	BOBJ1	747.5	After	Right Exterior Girder	202.5	0.95	1	1	5.314886
SU5_serv	BOBJ1	758.75	Before	Left Exterior Girder	213.75	0.95	1	1	12.50604
SU5_serv	BOBJ1	758.75	Before	Interior Girder 1	213.75	0.95	1	1	8.282307
SU5_serv	BOBJ1	758.75	Before	Interior Girder 2	213.75	0.95	1	1	8.282307
SU5_serv	BOBJ1	758.75	Before	Right Exterior Girder	213.75	0.95	1	1	12.506036
SU5_serv	BOBJ1	758.75	After	Left Exterior Girder	213.75	0.95	1	1	12.471377
SU5_serv	BOBJ1	758.75	After	Interior Girder 1	213.75	0.95	1	1	8.176171
SU5_serv	BOBJ1	758.75	After	Interior Girder 2	213.75	0.95	1	1	8.176171
SU5_serv	BOBJ1	758.75	After	Right Exterior Girder	213.75	0.95	1	1	12.471373
SU5_serv	BOBJ1	770	Before	Left Exterior Girder	225	0.95	1	1	260.004575
SU5_serv	BOBJ1	770	Before	Interior Girder 1	225	0.95	1	1	215.266338
SU5_serv	BOBJ1	770	Before	Interior Girder 2	225	0.95	1	1	215.265583
SU5_serv	BOBJ1	770	Before	Right Exterior Girder	225	0.95	1	1	260.005876
SU6_serv	BOBJ1	0	After	Left Exterior Girder	0	0.95	1	1	232.216646
SU6_serv	BOBJ1	0	After	Interior Girder 1	0	0.95	1	1	192.452725
SU6_serv	BOBJ1	0	After	Interior Girder 2	0	0.95	1	1	192.452509
SU6_serv	BOBJ1	0	After	Right Exterior Girder	0	0.95	1	1	232.216638
SU6_serv	BOBJ1	11.25	Before	Left Exterior Girder	11.25	0.95	1	1	11.338591
SU6_serv	BOBJ1	11.25	Before	Interior Girder 1	11.25	0.95	1	1	7.509052
SU6_serv	BOBJ1	11.25	Before	Interior Girder 2	11.25	0.95	1	1	7.509053
SU6_serv	BOBJ1	11.25	Before	Right Exterior Girder	11.25	0.95	1	1	11.33859
SU6_serv	BOBJ1	11.25	After	Left Exterior Girder	11.25	0.95	1	1	11.379499
SU6_serv	BOBJ1	11.25	After	Interior Girder 1	11.25	0.95	1	1	7.599956

TABLE: Bridge Super Rating AASHTORATE18 26 - SteelINonCompServ-Flx - Main Span Girders									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
SU6_serv	BOBJ1	11.25	After	Interior Girder 2	11.25	0.95	1	1	7.599958
SU6_serv	BOBJ1	11.25	After	Right Exterior Girder	11.25	0.95	1	1	11.379498
SU6_serv	BOBJ1	22.5	Before	Left Exterior Girder	22.5	0.95	1	1	4.784335
SU6_serv	BOBJ1	22.5	Before	Interior Girder 1	22.5	0.95	1	1	3.581689
SU6_serv	BOBJ1	22.5	Before	Interior Girder 2	22.5	0.95	1	1	3.58169
SU6_serv	BOBJ1	22.5	Before	Right Exterior Girder	22.5	0.95	1	1	4.784334
SU6_serv	BOBJ1	22.5	After	Left Exterior Girder	22.5	0.95	1	1	4.97452
SU6_serv	BOBJ1	22.5	After	Interior Girder 1	22.5	0.95	1	1	3.626525
SU6_serv	BOBJ1	22.5	After	Interior Girder 2	22.5	0.95	1	1	3.626526
SU6_serv	BOBJ1	22.5	After	Right Exterior Girder	22.5	0.95	1	1	4.97452
SU6_serv	BOBJ1	33.75	Before	Left Exterior Girder	33.75	0.95	1	1	2.853089
SU6_serv	BOBJ1	33.75	Before	Interior Girder 1	33.75	0.95	1	1	2.2268
SU6_serv	BOBJ1	33.75	Before	Interior Girder 2	33.75	0.95	1	1	2.2268
SU6_serv	BOBJ1	33.75	Before	Right Exterior Girder	33.75	0.95	1	1	2.853089
SU6_serv	BOBJ1	33.75	After	Left Exterior Girder	33.75	0.95	1	1	2.861218
SU6_serv	BOBJ1	33.75	After	Interior Girder 1	33.75	0.95	1	1	2.227287
SU6_serv	BOBJ1	33.75	After	Interior Girder 2	33.75	0.95	1	1	2.227287
SU6_serv	BOBJ1	33.75	After	Right Exterior Girder	33.75	0.95	1	1	2.861218
SU6_serv	BOBJ1	38.8274	Before	Left Exterior Girder	38.8274	0.95	1	1	2.321773
SU6_serv	BOBJ1	38.8274	Before	Interior Girder 1	38.8274	0.95	1	1	1.878563
SU6_serv	BOBJ1	38.8274	Before	Interior Girder 2	38.8274	0.95	1	1	1.878563
SU6_serv	BOBJ1	38.8274	Before	Right Exterior Girder	38.8274	0.95	1	1	2.321773
SU6_serv	BOBJ1	38.8274	After	Left Exterior Girder	38.8274	0.95	1	1	5.405827
SU6_serv	BOBJ1	38.8274	After	Interior Girder 1	38.8274	0.95	1	1	4.394546
SU6_serv	BOBJ1	38.8274	After	Interior Girder 2	38.8274	0.95	1	1	4.394546
SU6_serv	BOBJ1	38.8274	After	Right Exterior Girder	38.8274	0.95	1	1	5.405827
SU6_serv	BOBJ1	45	Before	Left Exterior Girder	45	0.95	1	1	4.631114
SU6_serv	BOBJ1	45	Before	Interior Girder 1	45	0.95	1	1	3.930408
SU6_serv	BOBJ1	45	Before	Interior Girder 2	45	0.95	1	1	3.930408
SU6_serv	BOBJ1	45	Before	Right Exterior Girder	45	0.95	1	1	4.631114
SU6_serv	BOBJ1	45	After	Left Exterior Girder	45	0.95	1	1	4.684763
SU6_serv	BOBJ1	45	After	Interior Girder 1	45	0.95	1	1	3.893992
SU6_serv	BOBJ1	45	After	Interior Girder 2	45	0.95	1	1	3.893992
SU6_serv	BOBJ1	45	After	Right Exterior Girder	45	0.95	1	1	4.684763
SU6_serv	BOBJ1	56.25	Before	Left Exterior Girder	56.25	0.95	1	1	3.853202
SU6_serv	BOBJ1	56.25	Before	Interior Girder 1	56.25	0.95	1	1	3.287093
SU6_serv	BOBJ1	56.25	Before	Interior Girder 2	56.25	0.95	1	1	3.287093
SU6_serv	BOBJ1	56.25	Before	Right Exterior Girder	56.25	0.95	1	1	3.853202
SU6_serv	BOBJ1	56.25	After	Left Exterior Girder	56.25	0.95	1	1	3.853052
SU6_serv	BOBJ1	56.25	After	Interior Girder 1	56.25	0.95	1	1	3.28433
SU6_serv	BOBJ1	56.25	After	Interior Girder 2	56.25	0.95	1	1	3.28433
SU6_serv	BOBJ1	56.25	After	Right Exterior Girder	56.25	0.95	1	1	3.853052
SU6_serv	BOBJ1	67.5	Before	Left Exterior Girder	67.5	0.95	1	1	3.403119
SU6_serv	BOBJ1	67.5	Before	Interior Girder 1	67.5	0.95	1	1	3.032853
SU6_serv	BOBJ1	67.5	Before	Interior Girder 2	67.5	0.95	1	1	3.032853
SU6_serv	BOBJ1	67.5	Before	Right Exterior Girder	67.5	0.95	1	1	3.403119
SU6_serv	BOBJ1	67.5	After	Left Exterior Girder	67.5	0.95	1	1	3.431855
SU6_serv	BOBJ1	67.5	After	Interior Girder 1	67.5	0.95	1	1	3.017643
SU6_serv	BOBJ1	67.5	After	Interior Girder 2	67.5	0.95	1	1	3.017643
SU6_serv	BOBJ1	67.5	After	Right Exterior Girder	67.5	0.95	1	1	3.431855
SU6_serv	BOBJ1	78.75	Before	Left Exterior Girder	78.75	0.95	1	1	3.300487
SU6_serv	BOBJ1	78.75	Before	Interior Girder 1	78.75	0.95	1	1	2.909633
SU6_serv	BOBJ1	78.75	Before	Interior Girder 2	78.75	0.95	1	1	2.909633
SU6_serv	BOBJ1	78.75	Before	Right Exterior Girder	78.75	0.95	1	1	3.300487
SU6_serv	BOBJ1	78.75	After	Left Exterior Girder	78.75	0.95	1	1	3.297202
SU6_serv	BOBJ1	78.75	After	Interior Girder 1	78.75	0.95	1	1	2.909871
SU6_serv	BOBJ1	78.75	After	Interior Girder 2	78.75	0.95	1	1	2.909871
SU6_serv	BOBJ1	78.75	After	Right Exterior Girder	78.75	0.95	1	1	3.297202
SU6_serv	BOBJ1	90	Before	Left Exterior Girder	90	0.95	1	1	3.354532
SU6_serv	BOBJ1	90	Before	Interior Girder 1	90	0.95	1	1	3.02656
SU6_serv	BOBJ1	90	Before	Interior Girder 2	90	0.95	1	1	3.026559
SU6_serv	BOBJ1	90	Before	Right Exterior Girder	90	0.95	1	1	3.354532
SU6_serv	BOBJ1	90	After	Left Exterior Girder	90	0.95	1	1	3.355425
SU6_serv	BOBJ1	90	After	Interior Girder 1	90	0.95	1	1	3.019511
SU6_serv	BOBJ1	90	After	Interior Girder 2	90	0.95	1	1	3.019511
SU6_serv	BOBJ1	90	After	Right Exterior Girder	90	0.95	1	1	3.355425
SU6_serv	BOBJ1	101.25	Before	Left Exterior Girder	101.25	0.95	1	1	3.658604
SU6_serv	BOBJ1	101.25	Before	Interior Girder 1	101.25	0.95	1	1	3.239242
SU6_serv	BOBJ1	101.25	Before	Interior Girder 2	101.25	0.95	1	1	3.239242
SU6_serv	BOBJ1	101.25	Before	Right Exterior Girder	101.25	0.95	1	1	3.658604

TABLE: Bridge Super Rating AASHTORATE18 26 - SteelNonCompServ-Flx - Main Span Girders									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
SU6_serv	BOBJ1	101.25	After	Left Exterior Girder	101.25	0.95	1	1	3.653763
SU6_serv	BOBJ1	101.25	After	Interior Girder 1	101.25	0.95	1	1	3.238534
SU6_serv	BOBJ1	101.25	After	Interior Girder 2	101.25	0.95	1	1	3.238534
SU6_serv	BOBJ1	101.25	After	Right Exterior Girder	101.25	0.95	1	1	3.653763
SU6_serv	BOBJ1	112.5	Before	Left Exterior Girder	112.5	0.95	1	1	4.152576
SU6_serv	BOBJ1	112.5	Before	Interior Girder 1	112.5	0.95	1	1	3.693983
SU6_serv	BOBJ1	112.5	Before	Interior Girder 2	112.5	0.95	1	1	3.693983
SU6_serv	BOBJ1	112.5	Before	Right Exterior Girder	112.5	0.95	1	1	4.152576
SU6_serv	BOBJ1	112.5	After	Left Exterior Girder	112.5	0.95	1	1	4.129729
SU6_serv	BOBJ1	112.5	After	Interior Girder 1	112.5	0.95	1	1	3.692811
SU6_serv	BOBJ1	112.5	After	Interior Girder 2	112.5	0.95	1	1	3.692811
SU6_serv	BOBJ1	112.5	After	Right Exterior Girder	112.5	0.95	1	1	4.129729
SU6_serv	BOBJ1	123.75	Before	Left Exterior Girder	123.75	0.95	1	1	4.980893
SU6_serv	BOBJ1	123.75	Before	Interior Girder 1	123.75	0.95	1	1	4.332964
SU6_serv	BOBJ1	123.75	Before	Interior Girder 2	123.75	0.95	1	1	4.332965
SU6_serv	BOBJ1	123.75	Before	Right Exterior Girder	123.75	0.95	1	1	4.980892
SU6_serv	BOBJ1	123.75	After	Left Exterior Girder	123.75	0.95	1	1	4.984712
SU6_serv	BOBJ1	123.75	After	Interior Girder 1	123.75	0.95	1	1	4.332698
SU6_serv	BOBJ1	123.75	After	Interior Girder 2	123.75	0.95	1	1	4.332698
SU6_serv	BOBJ1	123.75	After	Right Exterior Girder	123.75	0.95	1	1	4.984712
SU6_serv	BOBJ1	126.4381	Before	Left Exterior Girder	126.4381	0.95	1	1	5.240192
SU6_serv	BOBJ1	126.4381	Before	Interior Girder 1	126.4381	0.95	1	1	4.533462
SU6_serv	BOBJ1	126.4381	Before	Interior Girder 2	126.4381	0.95	1	1	4.533462
SU6_serv	BOBJ1	126.4381	Before	Right Exterior Girder	126.4381	0.95	1	1	5.240192
SU6_serv	BOBJ1	126.4381	After	Left Exterior Girder	126.4381	0.95	1	1	2.769257
SU6_serv	BOBJ1	126.4381	After	Interior Girder 1	126.4381	0.95	1	1	2.400212
SU6_serv	BOBJ1	126.4381	After	Interior Girder 2	126.4381	0.95	1	1	2.400212
SU6_serv	BOBJ1	126.4381	After	Right Exterior Girder	126.4381	0.95	1	1	2.769257
SU6_serv	BOBJ1	135	Before	Left Exterior Girder	135	0.95	1	1	3.541584
SU6_serv	BOBJ1	135	Before	Interior Girder 1	135	0.95	1	1	3.037944
SU6_serv	BOBJ1	135	Before	Interior Girder 2	135	0.95	1	1	3.037944
SU6_serv	BOBJ1	135	Before	Right Exterior Girder	135	0.95	1	1	3.541584
SU6_serv	BOBJ1	135	After	Left Exterior Girder	135	0.95	1	1	3.4831
SU6_serv	BOBJ1	135	After	Interior Girder 1	135	0.95	1	1	3.025626
SU6_serv	BOBJ1	135	After	Interior Girder 2	135	0.95	1	1	3.025626
SU6_serv	BOBJ1	135	After	Right Exterior Girder	135	0.95	1	1	3.4831
SU6_serv	BOBJ1	146.25	Before	Left Exterior Girder	146.25	0.95	1	1	4.977465
SU6_serv	BOBJ1	146.25	Before	Interior Girder 1	146.25	0.95	1	1	4.116077
SU6_serv	BOBJ1	146.25	Before	Interior Girder 2	146.25	0.95	1	1	4.116077
SU6_serv	BOBJ1	146.25	Before	Right Exterior Girder	146.25	0.95	1	1	4.977465
SU6_serv	BOBJ1	146.25	After	Left Exterior Girder	146.25	0.95	1	1	4.975487
SU6_serv	BOBJ1	146.25	After	Interior Girder 1	146.25	0.95	1	1	4.121445
SU6_serv	BOBJ1	146.25	After	Interior Girder 2	146.25	0.95	1	1	4.121445
SU6_serv	BOBJ1	146.25	After	Right Exterior Girder	146.25	0.95	1	1	4.975488
SU6_serv	BOBJ1	157.5	Before	Left Exterior Girder	157.5	0.95	1	1	5.444272
SU6_serv	BOBJ1	157.5	Before	Interior Girder 1	157.5	0.95	1	1	5.421575
SU6_serv	BOBJ1	157.5	Before	Interior Girder 2	157.5	0.95	1	1	5.421575
SU6_serv	BOBJ1	157.5	Before	Right Exterior Girder	157.5	0.95	1	1	5.444272
SU6_serv	BOBJ1	157.5	After	Left Exterior Girder	157.5	0.95	1	1	5.492089
SU6_serv	BOBJ1	157.5	After	Interior Girder 1	157.5	0.95	1	1	5.450334
SU6_serv	BOBJ1	157.5	After	Interior Girder 2	157.5	0.95	1	1	5.450333
SU6_serv	BOBJ1	157.5	After	Right Exterior Girder	157.5	0.95	1	1	5.49209
SU6_serv	BOBJ1	168.2522	Before	Left Exterior Girder	168.2522	0.95	1	1	3.415979
SU6_serv	BOBJ1	168.2522	Before	Interior Girder 1	168.2522	0.95	1	1	3.353289
SU6_serv	BOBJ1	168.2522	Before	Interior Girder 2	168.2522	0.95	1	1	3.353289
SU6_serv	BOBJ1	168.2522	Before	Right Exterior Girder	168.2522	0.95	1	1	3.415979
SU6_serv	BOBJ1	168.2522	After	Left Exterior Girder	168.2522	0.95	1	1	8.589221
SU6_serv	BOBJ1	168.2522	After	Interior Girder 1	168.2522	0.95	1	1	8.367842
SU6_serv	BOBJ1	168.2522	After	Interior Girder 2	168.2522	0.95	1	1	8.367842
SU6_serv	BOBJ1	168.2522	After	Right Exterior Girder	168.2522	0.95	1	1	8.589221
SU6_serv	BOBJ1	168.75	Before	Left Exterior Girder	168.75	0.95	1	1	8.475079
SU6_serv	BOBJ1	168.75	Before	Interior Girder 1	168.75	0.95	1	1	8.261955
SU6_serv	BOBJ1	168.75	Before	Interior Girder 2	168.75	0.95	1	1	8.261955
SU6_serv	BOBJ1	168.75	Before	Right Exterior Girder	168.75	0.95	1	1	8.475079
SU6_serv	BOBJ1	168.75	After	Left Exterior Girder	168.75	0.95	1	1	8.486466
SU6_serv	BOBJ1	168.75	After	Interior Girder 1	168.75	0.95	1	1	8.251925
SU6_serv	BOBJ1	168.75	After	Interior Girder 2	168.75	0.95	1	1	8.251924
SU6_serv	BOBJ1	168.75	After	Right Exterior Girder	168.75	0.95	1	1	8.486466
SU6_serv	BOBJ1	180	Before	Left Exterior Girder	180	0.95	1	1	6.0688
SU6_serv	BOBJ1	180	Before	Interior Girder 1	180	0.95	1	1	5.818166

TABLE: Bridge Super Rating AASHTORATE18 26 - SteelINonCompServ-Flx - Main Span Girders									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
SU6_serv	BOBJ1	180	Before	Interior Girder 2	180	0.95	1	1	5.818166
SU6_serv	BOBJ1	180	Before	Right Exterior Girder	180	0.95	1	1	6.068801
SU6_serv	BOBJ1	180	After	Left Exterior Girder	180	0.95	1	1	6.040173
SU6_serv	BOBJ1	180	After	Interior Girder 1	180	0.95	1	1	5.799379
SU6_serv	BOBJ1	180	After	Interior Girder 2	180	0.95	1	1	5.799379
SU6_serv	BOBJ1	180	After	Right Exterior Girder	180	0.95	1	1	6.040173
SU6_serv	BOBJ1	183.1858	Before	Left Exterior Girder	183.1858	0.95	1	1	5.367835
SU6_serv	BOBJ1	183.1858	Before	Interior Girder 1	183.1858	0.95	1	1	5.127855
SU6_serv	BOBJ1	183.1858	Before	Interior Girder 2	183.1858	0.95	1	1	5.127855
SU6_serv	BOBJ1	183.1858	Before	Right Exterior Girder	183.1858	0.95	1	1	5.367836
SU6_serv	BOBJ1	183.1858	After	Left Exterior Girder	183.1858	0.95	1	1	11.237393
SU6_serv	BOBJ1	183.1858	After	Interior Girder 1	183.1858	0.95	1	1	10.696371
SU6_serv	BOBJ1	183.1858	After	Interior Girder 2	183.1858	0.95	1	1	10.696372
SU6_serv	BOBJ1	183.1858	After	Right Exterior Girder	183.1858	0.95	1	1	11.237393
SU6_serv	BOBJ1	191.25	Before	Left Exterior Girder	191.25	0.95	1	1	9.334462
SU6_serv	BOBJ1	191.25	Before	Interior Girder 1	191.25	0.95	1	1	8.73853
SU6_serv	BOBJ1	191.25	Before	Interior Girder 2	191.25	0.95	1	1	8.73853
SU6_serv	BOBJ1	191.25	Before	Right Exterior Girder	191.25	0.95	1	1	9.334463
SU6_serv	BOBJ1	191.25	After	Left Exterior Girder	191.25	0.95	1	1	9.35467
SU6_serv	BOBJ1	191.25	After	Interior Girder 1	191.25	0.95	1	1	8.724869
SU6_serv	BOBJ1	191.25	After	Interior Girder 2	191.25	0.95	1	1	8.724869
SU6_serv	BOBJ1	191.25	After	Right Exterior Girder	191.25	0.95	1	1	9.35467
SU6_serv	BOBJ1	199.9414	Before	Left Exterior Girder	199.9414	0.95	1	1	7.244837
SU6_serv	BOBJ1	199.9414	Before	Interior Girder 1	199.9414	0.95	1	1	6.702693
SU6_serv	BOBJ1	199.9414	Before	Interior Girder 2	199.9414	0.95	1	1	6.702694
SU6_serv	BOBJ1	199.9414	Before	Right Exterior Girder	199.9414	0.95	1	1	7.244837
SU6_serv	BOBJ1	199.9414	After	Left Exterior Girder	199.9414	0.95	1	1	11.85086
SU6_serv	BOBJ1	199.9414	After	Interior Girder 1	199.9414	0.95	1	1	10.942202
SU6_serv	BOBJ1	199.9414	After	Interior Girder 2	199.9414	0.95	1	1	10.942202
SU6_serv	BOBJ1	199.9414	After	Right Exterior Girder	199.9414	0.95	1	1	11.85086
SU6_serv	BOBJ1	202.5	Before	Left Exterior Girder	202.5	0.95	1	1	10.906407
SU6_serv	BOBJ1	202.5	Before	Interior Girder 1	202.5	0.95	1	1	10.290709
SU6_serv	BOBJ1	202.5	Before	Interior Girder 2	202.5	0.95	1	1	10.29071
SU6_serv	BOBJ1	202.5	Before	Right Exterior Girder	202.5	0.95	1	1	10.906407
SU6_serv	BOBJ1	202.5	After	Left Exterior Girder	202.5	0.95	1	1	11.188882
SU6_serv	BOBJ1	202.5	After	Interior Girder 1	202.5	0.95	1	1	10.306377
SU6_serv	BOBJ1	202.5	After	Interior Girder 2	202.5	0.95	1	1	10.306378
SU6_serv	BOBJ1	202.5	After	Right Exterior Girder	202.5	0.95	1	1	11.188882
SU6_serv	BOBJ1	210.5642	Before	Left Exterior Girder	210.5642	0.95	1	1	8.401538
SU6_serv	BOBJ1	210.5642	Before	Interior Girder 1	210.5642	0.95	1	1	8.046428
SU6_serv	BOBJ1	210.5642	Before	Interior Girder 2	210.5642	0.95	1	1	8.046428
SU6_serv	BOBJ1	210.5642	Before	Right Exterior Girder	210.5642	0.95	1	1	8.401538
SU6_serv	BOBJ1	210.5642	After	Left Exterior Girder	210.5642	0.95	1	1	12.418945
SU6_serv	BOBJ1	210.5642	After	Interior Girder 1	210.5642	0.95	1	1	11.909073
SU6_serv	BOBJ1	210.5642	After	Interior Girder 2	210.5642	0.95	1	1	11.909073
SU6_serv	BOBJ1	210.5642	After	Right Exterior Girder	210.5642	0.95	1	1	12.418945
SU6_serv	BOBJ1	213.75	Before	Left Exterior Girder	213.75	0.95	1	1	11.162691
SU6_serv	BOBJ1	213.75	Before	Interior Girder 1	213.75	0.95	1	1	10.559894
SU6_serv	BOBJ1	213.75	Before	Interior Girder 2	213.75	0.95	1	1	10.559893
SU6_serv	BOBJ1	213.75	Before	Right Exterior Girder	213.75	0.95	1	1	11.162691
SU6_serv	BOBJ1	213.75	After	Left Exterior Girder	213.75	0.95	1	1	11.149245
SU6_serv	BOBJ1	213.75	After	Interior Girder 1	213.75	0.95	1	1	10.539801
SU6_serv	BOBJ1	213.75	After	Interior Girder 2	213.75	0.95	1	1	10.539801
SU6_serv	BOBJ1	213.75	After	Right Exterior Girder	213.75	0.95	1	1	11.149245
SU6_serv	BOBJ1	225	Before	Left Exterior Girder	225	0.95	1	1	7.083986
SU6_serv	BOBJ1	225	Before	Interior Girder 1	225	0.95	1	1	6.420211
SU6_serv	BOBJ1	225	Before	Interior Girder 2	225	0.95	1	1	6.42021
SU6_serv	BOBJ1	225	Before	Right Exterior Girder	225	0.95	1	1	7.083986
SU6_serv	BOBJ1	225	After	Left Exterior Girder	0	0.95	1	1	6.743235
SU6_serv	BOBJ1	225	After	Interior Girder 1	0	0.95	1	1	6.237751
SU6_serv	BOBJ1	225	After	Interior Girder 2	0	0.95	1	1	6.237752
SU6_serv	BOBJ1	225	After	Right Exterior Girder	0	0.95	1	1	6.743235
SU6_serv	BOBJ1	236.45	Before	Left Exterior Girder	11.45	0.95	1	1	11.267842
SU6_serv	BOBJ1	236.45	Before	Interior Girder 1	11.45	0.95	1	1	11.215997
SU6_serv	BOBJ1	236.45	Before	Interior Girder 2	11.45	0.95	1	1	11.215997
SU6_serv	BOBJ1	236.45	Before	Right Exterior Girder	11.45	0.95	1	1	11.267841
SU6_serv	BOBJ1	236.45	After	Left Exterior Girder	11.45	0.95	1	1	11.291041
SU6_serv	BOBJ1	236.45	After	Interior Girder 1	11.45	0.95	1	1	11.221975
SU6_serv	BOBJ1	236.45	After	Interior Girder 2	11.45	0.95	1	1	11.221976
SU6_serv	BOBJ1	236.45	After	Right Exterior Girder	11.45	0.95	1	1	11.291041

TABLE: Bridge Super Rating AASHTORATE18 26 - SteelINonCompServ-Flx - Main Span Girders									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
SU6_serv	BOBJ1	239.5082	Before	Left Exterior Girder	14.5082	0.95	1	1	12.827781
SU6_serv	BOBJ1	239.5082	Before	Interior Girder 1	14.5082	0.95	1	1	12.815325
SU6_serv	BOBJ1	239.5082	Before	Interior Girder 2	14.5082	0.95	1	1	12.815325
SU6_serv	BOBJ1	239.5082	Before	Right Exterior Girder	14.5082	0.95	1	1	12.82778
SU6_serv	BOBJ1	239.5082	After	Left Exterior Girder	14.5082	0.95	1	1	8.730042
SU6_serv	BOBJ1	239.5082	After	Interior Girder 1	14.5082	0.95	1	1	8.728436
SU6_serv	BOBJ1	239.5082	After	Interior Girder 2	14.5082	0.95	1	1	8.728436
SU6_serv	BOBJ1	239.5082	After	Right Exterior Girder	14.5082	0.95	1	1	8.730042
SU6_serv	BOBJ1	247.9	Before	Left Exterior Girder	22.9	0.95	1	1	12.799102
SU6_serv	BOBJ1	247.9	Before	Interior Girder 1	22.9	0.95	1	1	12.651881
SU6_serv	BOBJ1	247.9	Before	Interior Girder 2	22.9	0.95	1	1	12.651881
SU6_serv	BOBJ1	247.9	Before	Right Exterior Girder	22.9	0.95	1	1	12.799102
SU6_serv	BOBJ1	247.9	After	Left Exterior Girder	22.9	0.95	1	1	12.495455
SU6_serv	BOBJ1	247.9	After	Interior Girder 1	22.9	0.95	1	1	12.665379
SU6_serv	BOBJ1	247.9	After	Interior Girder 2	22.9	0.95	1	1	12.665379
SU6_serv	BOBJ1	247.9	After	Right Exterior Girder	22.9	0.95	1	1	12.495455
SU6_serv	BOBJ1	258.5189	Before	Left Exterior Girder	33.5189	0.95	1	1	17.332835
SU6_serv	BOBJ1	258.5189	Before	Interior Girder 1	33.5189	0.95	1	1	16.186379
SU6_serv	BOBJ1	258.5189	Before	Interior Girder 2	33.5189	0.95	1	1	16.186379
SU6_serv	BOBJ1	258.5189	Before	Right Exterior Girder	33.5189	0.95	1	1	17.332835
SU6_serv	BOBJ1	258.5189	After	Left Exterior Girder	33.5189	0.95	1	1	12.033527
SU6_serv	BOBJ1	258.5189	After	Interior Girder 1	33.5189	0.95	1	1	11.117205
SU6_serv	BOBJ1	258.5189	After	Interior Girder 2	33.5189	0.95	1	1	11.117205
SU6_serv	BOBJ1	258.5189	After	Right Exterior Girder	33.5189	0.95	1	1	12.033527
SU6_serv	BOBJ1	259.3	Before	Left Exterior Girder	34.3	0.95	1	1	12.280532
SU6_serv	BOBJ1	259.3	Before	Interior Girder 1	34.3	0.95	1	1	11.359706
SU6_serv	BOBJ1	259.3	Before	Interior Girder 2	34.3	0.95	1	1	11.359706
SU6_serv	BOBJ1	259.3	Before	Right Exterior Girder	34.3	0.95	1	1	12.280533
SU6_serv	BOBJ1	259.3	After	Left Exterior Girder	34.3	0.95	1	1	12.274747
SU6_serv	BOBJ1	259.3	After	Interior Girder 1	34.3	0.95	1	1	11.364508
SU6_serv	BOBJ1	259.3	After	Interior Girder 2	34.3	0.95	1	1	11.364508
SU6_serv	BOBJ1	259.3	After	Right Exterior Girder	34.3	0.95	1	1	12.274747
SU6_serv	BOBJ1	266.1031	Before	Left Exterior Girder	41.1031	0.95	1	1	14.361328
SU6_serv	BOBJ1	266.1031	Before	Interior Girder 1	41.1031	0.95	1	1	13.512882
SU6_serv	BOBJ1	266.1031	Before	Interior Girder 2	41.1031	0.95	1	1	13.512882
SU6_serv	BOBJ1	266.1031	Before	Right Exterior Girder	41.1031	0.95	1	1	14.361328
SU6_serv	BOBJ1	266.1031	After	Left Exterior Girder	41.1031	0.95	1	1	7.705064
SU6_serv	BOBJ1	266.1031	After	Interior Girder 1	41.1031	0.95	1	1	7.255089
SU6_serv	BOBJ1	266.1031	After	Interior Girder 2	41.1031	0.95	1	1	7.255089
SU6_serv	BOBJ1	266.1031	After	Right Exterior Girder	41.1031	0.95	1	1	7.705064
SU6_serv	BOBJ1	270.7	Before	Left Exterior Girder	45.7	0.95	1	1	9.011266
SU6_serv	BOBJ1	270.7	Before	Interior Girder 1	45.7	0.95	1	1	8.57517
SU6_serv	BOBJ1	270.7	Before	Interior Girder 2	45.7	0.95	1	1	8.57517
SU6_serv	BOBJ1	270.7	Before	Right Exterior Girder	45.7	0.95	1	1	9.011266
SU6_serv	BOBJ1	270.7	After	Left Exterior Girder	45.7	0.95	1	1	9.075626
SU6_serv	BOBJ1	270.7	After	Interior Girder 1	45.7	0.95	1	1	8.625456
SU6_serv	BOBJ1	270.7	After	Interior Girder 2	45.7	0.95	1	1	8.625456
SU6_serv	BOBJ1	270.7	After	Right Exterior Girder	45.7	0.95	1	1	9.075625
SU6_serv	BOBJ1	273.6874	Before	Left Exterior Girder	48.6874	0.95	1	1	9.942831
SU6_serv	BOBJ1	273.6874	Before	Interior Girder 1	48.6874	0.95	1	1	9.487128
SU6_serv	BOBJ1	273.6874	Before	Interior Girder 2	48.6874	0.95	1	1	9.487128
SU6_serv	BOBJ1	273.6874	Before	Right Exterior Girder	48.6874	0.95	1	1	9.94283
SU6_serv	BOBJ1	273.6874	After	Left Exterior Girder	48.6874	0.95	1	1	4.279769
SU6_serv	BOBJ1	273.6874	After	Interior Girder 1	48.6874	0.95	1	1	4.11331
SU6_serv	BOBJ1	273.6874	After	Interior Girder 2	48.6874	0.95	1	1	4.11331
SU6_serv	BOBJ1	273.6874	After	Right Exterior Girder	48.6874	0.95	1	1	4.279769
SU6_serv	BOBJ1	282.15	Before	Left Exterior Girder	57.15	0.95	1	1	6.559121
SU6_serv	BOBJ1	282.15	Before	Interior Girder 1	57.15	0.95	1	1	6.363028
SU6_serv	BOBJ1	282.15	Before	Interior Girder 2	57.15	0.95	1	1	6.363028
SU6_serv	BOBJ1	282.15	Before	Right Exterior Girder	57.15	0.95	1	1	6.559121
SU6_serv	BOBJ1	282.15	After	Left Exterior Girder	57.15	0.95	1	1	6.549725
SU6_serv	BOBJ1	282.15	After	Interior Girder 1	57.15	0.95	1	1	6.372287
SU6_serv	BOBJ1	282.15	After	Interior Girder 2	57.15	0.95	1	1	6.372287
SU6_serv	BOBJ1	282.15	After	Right Exterior Girder	57.15	0.95	1	1	6.549725
SU6_serv	BOBJ1	293.6	Before	Left Exterior Girder	68.6	0.95	1	1	4.877233
SU6_serv	BOBJ1	293.6	Before	Interior Girder 1	68.6	0.95	1	1	3.860474
SU6_serv	BOBJ1	293.6	Before	Interior Girder 2	68.6	0.95	1	1	3.860474
SU6_serv	BOBJ1	293.6	Before	Right Exterior Girder	68.6	0.95	1	1	4.877233
SU6_serv	BOBJ1	293.6	After	Left Exterior Girder	68.6	0.95	1	1	5.036785
SU6_serv	BOBJ1	293.6	After	Interior Girder 1	68.6	0.95	1	1	3.928976

TABLE: Bridge Super Rating AASHTORATE18 26 - SteelINonCompServ-Flx - Main Span Girders									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
SU6_serv	BOBJ1	293.6	After	Interior Girder 2	68.6	0.95	1	1	3.928976
SU6_serv	BOBJ1	293.6	After	Right Exterior Girder	68.6	0.95	1	1	5.036785
SU6_serv	BOBJ1	305	Before	Left Exterior Girder	80	0.95	1	1	2.738856
SU6_serv	BOBJ1	305	Before	Interior Girder 1	80	0.95	1	1	2.190548
SU6_serv	BOBJ1	305	Before	Interior Girder 2	80	0.95	1	1	2.190548
SU6_serv	BOBJ1	305	Before	Right Exterior Girder	80	0.95	1	1	2.738856
SU6_serv	BOBJ1	305	After	Left Exterior Girder	80	0.95	1	1	2.737255
SU6_serv	BOBJ1	305	After	Interior Girder 1	80	0.95	1	1	2.189202
SU6_serv	BOBJ1	305	After	Interior Girder 2	80	0.95	1	1	2.189202
SU6_serv	BOBJ1	305	After	Right Exterior Girder	80	0.95	1	1	2.737255
SU6_serv	BOBJ1	306.9561	Before	Left Exterior Girder	81.9561	0.95	1	1	2.427643
SU6_serv	BOBJ1	306.9561	Before	Interior Girder 1	81.9561	0.95	1	1	1.96284
SU6_serv	BOBJ1	306.9561	Before	Interior Girder 2	81.9561	0.95	1	1	1.96284
SU6_serv	BOBJ1	306.9561	Before	Right Exterior Girder	81.9561	0.95	1	1	2.427643
SU6_serv	BOBJ1	306.9561	After	Left Exterior Girder	81.9561	0.95	1	1	6.349639
SU6_serv	BOBJ1	306.9561	After	Interior Girder 1	81.9561	0.95	1	1	5.194218
SU6_serv	BOBJ1	306.9561	After	Interior Girder 2	81.9561	0.95	1	1	5.194218
SU6_serv	BOBJ1	306.9561	After	Right Exterior Girder	81.9561	0.95	1	1	6.349639
SU6_serv	BOBJ1	316.4	Before	Left Exterior Girder	91.4	0.95	1	1	4.673694
SU6_serv	BOBJ1	316.4	Before	Interior Girder 1	91.4	0.95	1	1	3.973589
SU6_serv	BOBJ1	316.4	Before	Interior Girder 2	91.4	0.95	1	1	3.973589
SU6_serv	BOBJ1	316.4	Before	Right Exterior Girder	91.4	0.95	1	1	4.673695
SU6_serv	BOBJ1	316.4	After	Left Exterior Girder	91.4	0.95	1	1	4.730458
SU6_serv	BOBJ1	316.4	After	Interior Girder 1	91.4	0.95	1	1	3.971674
SU6_serv	BOBJ1	316.4	After	Interior Girder 2	91.4	0.95	1	1	3.971674
SU6_serv	BOBJ1	316.4	After	Right Exterior Girder	91.4	0.95	1	1	4.730458
SU6_serv	BOBJ1	327.85	Before	Left Exterior Girder	102.9679	0.95	1	1	3.393169
SU6_serv	BOBJ1	327.85	Before	Interior Girder 1	102.9679	0.95	1	1	2.866936
SU6_serv	BOBJ1	327.85	Before	Interior Girder 2	102.9679	0.95	1	1	2.866936
SU6_serv	BOBJ1	327.85	Before	Right Exterior Girder	102.9679	0.95	1	1	3.393168
SU6_serv	BOBJ1	327.85	After	Left Exterior Girder	102.9679	0.95	1	1	6.552472
SU6_serv	BOBJ1	327.85	After	Interior Girder 1	102.9679	0.95	1	1	5.632639
SU6_serv	BOBJ1	327.85	After	Interior Girder 2	102.9679	0.95	1	1	5.632639
SU6_serv	BOBJ1	327.85	After	Right Exterior Girder	102.9679	0.95	1	1	6.552472
SU6_serv	BOBJ1	339.3	Before	Left Exterior Girder	114.3	0.95	1	1	5.33426
SU6_serv	BOBJ1	339.3	Before	Interior Girder 1	114.3	0.95	1	1	4.704533
SU6_serv	BOBJ1	339.3	Before	Interior Girder 2	114.3	0.95	1	1	4.704533
SU6_serv	BOBJ1	339.3	Before	Right Exterior Girder	114.3	0.95	1	1	5.33426
SU6_serv	BOBJ1	339.3	After	Left Exterior Girder	114.3	0.95	1	1	5.366884
SU6_serv	BOBJ1	339.3	After	Interior Girder 1	114.3	0.95	1	1	4.710177
SU6_serv	BOBJ1	339.3	After	Interior Girder 2	114.3	0.95	1	1	4.710177
SU6_serv	BOBJ1	339.3	After	Right Exterior Girder	114.3	0.95	1	1	5.366884
SU6_serv	BOBJ1	350.7	Before	Left Exterior Girder	125.7	0.95	1	1	4.604213
SU6_serv	BOBJ1	350.7	Before	Interior Girder 1	125.7	0.95	1	1	4.032099
SU6_serv	BOBJ1	350.7	Before	Interior Girder 2	125.7	0.95	1	1	4.0321
SU6_serv	BOBJ1	350.7	Before	Right Exterior Girder	125.7	0.95	1	1	4.604213
SU6_serv	BOBJ1	350.7	After	Left Exterior Girder	125.7	0.95	1	1	4.600622
SU6_serv	BOBJ1	350.7	After	Interior Girder 1	125.7	0.95	1	1	4.035842
SU6_serv	BOBJ1	350.7	After	Interior Girder 2	125.7	0.95	1	1	4.035843
SU6_serv	BOBJ1	350.7	After	Right Exterior Girder	125.7	0.95	1	1	4.600622
SU6_serv	BOBJ1	362.1	Before	Left Exterior Girder	137.1	0.95	1	1	4.07623
SU6_serv	BOBJ1	362.1	Before	Interior Girder 1	137.1	0.95	1	1	3.637039
SU6_serv	BOBJ1	362.1	Before	Interior Girder 2	137.1	0.95	1	1	3.637039
SU6_serv	BOBJ1	362.1	Before	Right Exterior Girder	137.1	0.95	1	1	4.07623
SU6_serv	BOBJ1	362.1	After	Left Exterior Girder	137.1	0.95	1	1	4.093174
SU6_serv	BOBJ1	362.1	After	Interior Girder 1	137.1	0.95	1	1	3.643546
SU6_serv	BOBJ1	362.1	After	Interior Girder 2	137.1	0.95	1	1	3.643546
SU6_serv	BOBJ1	362.1	After	Right Exterior Girder	137.1	0.95	1	1	4.093174
SU6_serv	BOBJ1	373.55	Before	Left Exterior Girder	148.55	0.95	1	1	3.829657
SU6_serv	BOBJ1	373.55	Before	Interior Girder 1	148.55	0.95	1	1	3.387802
SU6_serv	BOBJ1	373.55	Before	Interior Girder 2	148.55	0.95	1	1	3.387802
SU6_serv	BOBJ1	373.55	Before	Right Exterior Girder	148.55	0.95	1	1	3.829657
SU6_serv	BOBJ1	373.55	After	Left Exterior Girder	148.55	0.95	1	1	3.827357
SU6_serv	BOBJ1	373.55	After	Interior Girder 1	148.55	0.95	1	1	3.388544
SU6_serv	BOBJ1	373.55	After	Interior Girder 2	148.55	0.95	1	1	3.388544
SU6_serv	BOBJ1	373.55	After	Right Exterior Girder	148.55	0.95	1	1	3.827357
SU6_serv	BOBJ1	385	Before	Left Exterior Girder	160	0.95	1	1	3.720182
SU6_serv	BOBJ1	385	Before	Interior Girder 1	160	0.95	1	1	3.329414
SU6_serv	BOBJ1	385	Before	Interior Girder 2	160	0.95	1	1	3.329414
SU6_serv	BOBJ1	385	Before	Right Exterior Girder	160	0.95	1	1	3.720182

TABLE: Bridge Super Rating AASHTORATE18 26 - SteelNonCompServ-Flx - Main Span Girders									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
SU6_serv	BOBJ1	385	After	Left Exterior Girder	160	0.95	1	1	3.720182
SU6_serv	BOBJ1	385	After	Interior Girder 1	160	0.95	1	1	3.329414
SU6_serv	BOBJ1	385	After	Interior Girder 2	160	0.95	1	1	3.329414
SU6_serv	BOBJ1	385	After	Right Exterior Girder	160	0.95	1	1	3.720182
SU6_serv	BOBJ1	396.45	Before	Left Exterior Girder	171.45	0.95	1	1	3.827357
SU6_serv	BOBJ1	396.45	Before	Interior Girder 1	171.45	0.95	1	1	3.388544
SU6_serv	BOBJ1	396.45	Before	Interior Girder 2	171.45	0.95	1	1	3.388544
SU6_serv	BOBJ1	396.45	Before	Right Exterior Girder	171.45	0.95	1	1	3.827357
SU6_serv	BOBJ1	396.45	After	Left Exterior Girder	171.45	0.95	1	1	3.829657
SU6_serv	BOBJ1	396.45	After	Interior Girder 1	171.45	0.95	1	1	3.387802
SU6_serv	BOBJ1	396.45	After	Interior Girder 2	171.45	0.95	1	1	3.387802
SU6_serv	BOBJ1	396.45	After	Right Exterior Girder	171.45	0.95	1	1	3.829657
SU6_serv	BOBJ1	407.9	Before	Left Exterior Girder	182.9	0.95	1	1	4.093174
SU6_serv	BOBJ1	407.9	Before	Interior Girder 1	182.9	0.95	1	1	3.643546
SU6_serv	BOBJ1	407.9	Before	Interior Girder 2	182.9	0.95	1	1	3.643546
SU6_serv	BOBJ1	407.9	Before	Right Exterior Girder	182.9	0.95	1	1	4.093174
SU6_serv	BOBJ1	407.9	After	Left Exterior Girder	182.9	0.95	1	1	4.07623
SU6_serv	BOBJ1	407.9	After	Interior Girder 1	182.9	0.95	1	1	3.637039
SU6_serv	BOBJ1	407.9	After	Interior Girder 2	182.9	0.95	1	1	3.637039
SU6_serv	BOBJ1	407.9	After	Right Exterior Girder	182.9	0.95	1	1	4.07623
SU6_serv	BOBJ1	419.3	Before	Left Exterior Girder	194.3	0.95	1	1	4.600622
SU6_serv	BOBJ1	419.3	Before	Interior Girder 1	194.3	0.95	1	1	4.035842
SU6_serv	BOBJ1	419.3	Before	Interior Girder 2	194.3	0.95	1	1	4.035842
SU6_serv	BOBJ1	419.3	Before	Right Exterior Girder	194.3	0.95	1	1	4.600622
SU6_serv	BOBJ1	419.3	After	Left Exterior Girder	194.3	0.95	1	1	4.604213
SU6_serv	BOBJ1	419.3	After	Interior Girder 1	194.3	0.95	1	1	4.032099
SU6_serv	BOBJ1	419.3	After	Interior Girder 2	194.3	0.95	1	1	4.032099
SU6_serv	BOBJ1	419.3	After	Right Exterior Girder	194.3	0.95	1	1	4.604213
SU6_serv	BOBJ1	430.7	Before	Left Exterior Girder	205.7	0.95	1	1	5.366884
SU6_serv	BOBJ1	430.7	Before	Interior Girder 1	205.7	0.95	1	1	4.710177
SU6_serv	BOBJ1	430.7	Before	Interior Girder 2	205.7	0.95	1	1	4.710177
SU6_serv	BOBJ1	430.7	Before	Right Exterior Girder	205.7	0.95	1	1	5.366884
SU6_serv	BOBJ1	430.7	After	Left Exterior Girder	205.7	0.95	1	1	5.334259
SU6_serv	BOBJ1	430.7	After	Interior Girder 1	205.7	0.95	1	1	4.704533
SU6_serv	BOBJ1	430.7	After	Interior Girder 2	205.7	0.95	1	1	4.704533
SU6_serv	BOBJ1	430.7	After	Right Exterior Girder	205.7	0.95	1	1	5.33426
SU6_serv	BOBJ1	442.15	Before	Left Exterior Girder	217.0321	0.95	1	1	6.541725
SU6_serv	BOBJ1	442.15	Before	Interior Girder 1	217.0321	0.95	1	1	5.632763
SU6_serv	BOBJ1	442.15	Before	Interior Girder 2	217.0321	0.95	1	1	5.632763
SU6_serv	BOBJ1	442.15	Before	Right Exterior Girder	217.0321	0.95	1	1	6.541725
SU6_serv	BOBJ1	442.15	After	Left Exterior Girder	217.0321	0.95	1	1	3.388403
SU6_serv	BOBJ1	442.15	After	Interior Girder 1	217.0321	0.95	1	1	2.866067
SU6_serv	BOBJ1	442.15	After	Interior Girder 2	217.0321	0.95	1	1	2.866067
SU6_serv	BOBJ1	442.15	After	Right Exterior Girder	217.0321	0.95	1	1	3.388403
SU6_serv	BOBJ1	453.6	Before	Left Exterior Girder	228.6	0.95	1	1	4.730458
SU6_serv	BOBJ1	453.6	Before	Interior Girder 1	228.6	0.95	1	1	3.971674
SU6_serv	BOBJ1	453.6	Before	Interior Girder 2	228.6	0.95	1	1	3.971674
SU6_serv	BOBJ1	453.6	Before	Right Exterior Girder	228.6	0.95	1	1	4.730458
SU6_serv	BOBJ1	453.6	After	Left Exterior Girder	228.6	0.95	1	1	4.673694
SU6_serv	BOBJ1	453.6	After	Interior Girder 1	228.6	0.95	1	1	3.973589
SU6_serv	BOBJ1	453.6	After	Interior Girder 2	228.6	0.95	1	1	3.973589
SU6_serv	BOBJ1	453.6	After	Right Exterior Girder	228.6	0.95	1	1	4.673694
SU6_serv	BOBJ1	463.0439	Before	Left Exterior Girder	238.0439	0.95	1	1	6.331039
SU6_serv	BOBJ1	463.0439	Before	Interior Girder 1	238.0439	0.95	1	1	5.194015
SU6_serv	BOBJ1	463.0439	Before	Interior Girder 2	238.0439	0.95	1	1	5.194015
SU6_serv	BOBJ1	463.0439	Before	Right Exterior Girder	238.0439	0.95	1	1	6.331039
SU6_serv	BOBJ1	463.0439	After	Left Exterior Girder	238.0439	0.95	1	1	2.421289
SU6_serv	BOBJ1	463.0439	After	Interior Girder 1	238.0439	0.95	1	1	1.962052
SU6_serv	BOBJ1	463.0439	After	Interior Girder 2	238.0439	0.95	1	1	1.962052
SU6_serv	BOBJ1	463.0439	After	Right Exterior Girder	238.0439	0.95	1	1	2.421289
SU6_serv	BOBJ1	465	Before	Left Exterior Girder	240	0.95	1	1	2.737255
SU6_serv	BOBJ1	465	Before	Interior Girder 1	240	0.95	1	1	2.189202
SU6_serv	BOBJ1	465	Before	Interior Girder 2	240	0.95	1	1	2.189202
SU6_serv	BOBJ1	465	Before	Right Exterior Girder	240	0.95	1	1	2.737255
SU6_serv	BOBJ1	465	After	Left Exterior Girder	240	0.95	1	1	2.738856
SU6_serv	BOBJ1	465	After	Interior Girder 1	240	0.95	1	1	2.190548
SU6_serv	BOBJ1	465	After	Interior Girder 2	240	0.95	1	1	2.190548
SU6_serv	BOBJ1	465	After	Right Exterior Girder	240	0.95	1	1	2.738856
SU6_serv	BOBJ1	476.4	Before	Left Exterior Girder	251.4	0.95	1	1	5.036785
SU6_serv	BOBJ1	476.4	Before	Interior Girder 1	251.4	0.95	1	1	3.928976

TABLE: Bridge Super Rating AASHTORATE18 26 - SteelINonCompServ-Flx - Main Span Girders									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
SU6_serv	BOBJ1	476.4	Before	Interior Girder 2	251.4	0.95	1	1	3.928976
SU6_serv	BOBJ1	476.4	Before	Right Exterior Girder	251.4	0.95	1	1	5.036785
SU6_serv	BOBJ1	476.4	After	Left Exterior Girder	251.4	0.95	1	1	4.877233
SU6_serv	BOBJ1	476.4	After	Interior Girder 1	251.4	0.95	1	1	3.860474
SU6_serv	BOBJ1	476.4	After	Interior Girder 2	251.4	0.95	1	1	3.860474
SU6_serv	BOBJ1	476.4	After	Right Exterior Girder	251.4	0.95	1	1	4.877233
SU6_serv	BOBJ1	487.85	Before	Left Exterior Girder	262.85	0.95	1	1	6.549724
SU6_serv	BOBJ1	487.85	Before	Interior Girder 1	262.85	0.95	1	1	6.372287
SU6_serv	BOBJ1	487.85	Before	Interior Girder 2	262.85	0.95	1	1	6.372287
SU6_serv	BOBJ1	487.85	Before	Right Exterior Girder	262.85	0.95	1	1	6.549724
SU6_serv	BOBJ1	487.85	After	Left Exterior Girder	262.85	0.95	1	1	6.55912
SU6_serv	BOBJ1	487.85	After	Interior Girder 1	262.85	0.95	1	1	6.363028
SU6_serv	BOBJ1	487.85	After	Interior Girder 2	262.85	0.95	1	1	6.363028
SU6_serv	BOBJ1	487.85	After	Right Exterior Girder	262.85	0.95	1	1	6.55912
SU6_serv	BOBJ1	496.3126	Before	Left Exterior Girder	271.3126	0.95	1	1	4.280921
SU6_serv	BOBJ1	496.3126	Before	Interior Girder 1	271.3126	0.95	1	1	4.117223
SU6_serv	BOBJ1	496.3126	Before	Interior Girder 2	271.3126	0.95	1	1	4.117223
SU6_serv	BOBJ1	496.3126	Before	Right Exterior Girder	271.3126	0.95	1	1	4.280921
SU6_serv	BOBJ1	496.3126	After	Left Exterior Girder	271.3126	0.95	1	1	9.946393
SU6_serv	BOBJ1	496.3126	After	Interior Girder 1	271.3126	0.95	1	1	9.49516
SU6_serv	BOBJ1	496.3126	After	Interior Girder 2	271.3126	0.95	1	1	9.495159
SU6_serv	BOBJ1	496.3126	After	Right Exterior Girder	271.3126	0.95	1	1	9.946393
SU6_serv	BOBJ1	499.3	Before	Left Exterior Girder	274.3	0.95	1	1	9.075626
SU6_serv	BOBJ1	499.3	Before	Interior Girder 1	274.3	0.95	1	1	8.625456
SU6_serv	BOBJ1	499.3	Before	Interior Girder 2	274.3	0.95	1	1	8.625456
SU6_serv	BOBJ1	499.3	Before	Right Exterior Girder	274.3	0.95	1	1	9.075626
SU6_serv	BOBJ1	499.3	After	Left Exterior Girder	274.3	0.95	1	1	9.011266
SU6_serv	BOBJ1	499.3	After	Interior Girder 1	274.3	0.95	1	1	8.57517
SU6_serv	BOBJ1	499.3	After	Interior Girder 2	274.3	0.95	1	1	8.57517
SU6_serv	BOBJ1	499.3	After	Right Exterior Girder	274.3	0.95	1	1	9.011266
SU6_serv	BOBJ1	503.8969	Before	Left Exterior Girder	278.8969	0.95	1	1	7.705064
SU6_serv	BOBJ1	503.8969	Before	Interior Girder 1	278.8969	0.95	1	1	7.255089
SU6_serv	BOBJ1	503.8969	Before	Interior Girder 2	278.8969	0.95	1	1	7.255089
SU6_serv	BOBJ1	503.8969	Before	Right Exterior Girder	278.8969	0.95	1	1	7.705064
SU6_serv	BOBJ1	503.8969	After	Left Exterior Girder	278.8969	0.95	1	1	14.361328
SU6_serv	BOBJ1	503.8969	After	Interior Girder 1	278.8969	0.95	1	1	13.512882
SU6_serv	BOBJ1	503.8969	After	Interior Girder 2	278.8969	0.95	1	1	13.512882
SU6_serv	BOBJ1	503.8969	After	Right Exterior Girder	278.8969	0.95	1	1	14.361328
SU6_serv	BOBJ1	510.7	Before	Left Exterior Girder	285.7	0.95	1	1	12.274746
SU6_serv	BOBJ1	510.7	Before	Interior Girder 1	285.7	0.95	1	1	11.364508
SU6_serv	BOBJ1	510.7	Before	Interior Girder 2	285.7	0.95	1	1	11.364507
SU6_serv	BOBJ1	510.7	Before	Right Exterior Girder	285.7	0.95	1	1	12.274746
SU6_serv	BOBJ1	510.7	After	Left Exterior Girder	285.7	0.95	1	1	12.280532
SU6_serv	BOBJ1	510.7	After	Interior Girder 1	285.7	0.95	1	1	11.359706
SU6_serv	BOBJ1	510.7	After	Interior Girder 2	285.7	0.95	1	1	11.359706
SU6_serv	BOBJ1	510.7	After	Right Exterior Girder	285.7	0.95	1	1	12.280532
SU6_serv	BOBJ1	511.4811	Before	Left Exterior Girder	286.4811	0.95	1	1	12.036006
SU6_serv	BOBJ1	511.4811	Before	Interior Girder 1	286.4811	0.95	1	1	11.122761
SU6_serv	BOBJ1	511.4811	Before	Interior Girder 2	286.4811	0.95	1	1	11.12276
SU6_serv	BOBJ1	511.4811	Before	Right Exterior Girder	286.4811	0.95	1	1	12.036006
SU6_serv	BOBJ1	511.4811	After	Left Exterior Girder	286.4811	0.95	1	1	17.379657
SU6_serv	BOBJ1	511.4811	After	Interior Girder 1	286.4811	0.95	1	1	16.193354
SU6_serv	BOBJ1	511.4811	After	Interior Girder 2	286.4811	0.95	1	1	16.193354
SU6_serv	BOBJ1	511.4811	After	Right Exterior Girder	286.4811	0.95	1	1	17.379657
SU6_serv	BOBJ1	522.1	Before	Left Exterior Girder	297.1	0.95	1	1	12.495456
SU6_serv	BOBJ1	522.1	Before	Interior Girder 1	297.1	0.95	1	1	12.665379
SU6_serv	BOBJ1	522.1	Before	Interior Girder 2	297.1	0.95	1	1	12.665379
SU6_serv	BOBJ1	522.1	Before	Right Exterior Girder	297.1	0.95	1	1	12.495455
SU6_serv	BOBJ1	522.1	After	Left Exterior Girder	297.1	0.95	1	1	12.799102
SU6_serv	BOBJ1	522.1	After	Interior Girder 1	297.1	0.95	1	1	12.651881
SU6_serv	BOBJ1	522.1	After	Interior Girder 2	297.1	0.95	1	1	12.65188
SU6_serv	BOBJ1	522.1	After	Right Exterior Girder	297.1	0.95	1	1	12.799102
SU6_serv	BOBJ1	530.4918	Before	Left Exterior Girder	305.4918	0.95	1	1	8.730043
SU6_serv	BOBJ1	530.4918	Before	Interior Girder 1	305.4918	0.95	1	1	8.728435
SU6_serv	BOBJ1	530.4918	Before	Interior Girder 2	305.4918	0.95	1	1	8.728436
SU6_serv	BOBJ1	530.4918	Before	Right Exterior Girder	305.4918	0.95	1	1	8.730042
SU6_serv	BOBJ1	530.4918	After	Left Exterior Girder	305.4918	0.95	1	1	12.827782
SU6_serv	BOBJ1	530.4918	After	Interior Girder 1	305.4918	0.95	1	1	12.815324
SU6_serv	BOBJ1	530.4918	After	Interior Girder 2	305.4918	0.95	1	1	12.815325
SU6_serv	BOBJ1	530.4918	After	Right Exterior Girder	305.4918	0.95	1	1	12.827781

TABLE: Bridge Super Rating AASHTORATE18 26 - SteelNonCompServ-Flx - Main Span Girders									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
SU6_serv	BOBJ1	533.55	Before	Left Exterior Girder	308.55	0.95	1	1	11.291042
SU6_serv	BOBJ1	533.55	Before	Interior Girder 1	308.55	0.95	1	1	11.221975
SU6_serv	BOBJ1	533.55	Before	Interior Girder 2	308.55	0.95	1	1	11.221976
SU6_serv	BOBJ1	533.55	Before	Right Exterior Girder	308.55	0.95	1	1	11.291042
SU6_serv	BOBJ1	533.55	After	Left Exterior Girder	308.55	0.95	1	1	11.267842
SU6_serv	BOBJ1	533.55	After	Interior Girder 1	308.55	0.95	1	1	11.215996
SU6_serv	BOBJ1	533.55	After	Interior Girder 2	308.55	0.95	1	1	11.215997
SU6_serv	BOBJ1	533.55	After	Right Exterior Girder	308.55	0.95	1	1	11.267842
SU6_serv	BOBJ1	545	Before	Left Exterior Girder	320	0.95	1	1	6.743235
SU6_serv	BOBJ1	545	Before	Interior Girder 1	320	0.95	1	1	6.237751
SU6_serv	BOBJ1	545	Before	Interior Girder 2	320	0.95	1	1	6.237752
SU6_serv	BOBJ1	545	Before	Right Exterior Girder	320	0.95	1	1	6.743235
SU6_serv	BOBJ1	545	After	Left Exterior Girder	0	0.95	1	1	7.083987
SU6_serv	BOBJ1	545	After	Interior Girder 1	0	0.95	1	1	6.422357
SU6_serv	BOBJ1	545	After	Interior Girder 2	0	0.95	1	1	6.422357
SU6_serv	BOBJ1	545	After	Right Exterior Girder	0	0.95	1	1	7.083986
SU6_serv	BOBJ1	556.25	Before	Left Exterior Girder	11.25	0.95	1	1	11.149245
SU6_serv	BOBJ1	556.25	Before	Interior Girder 1	11.25	0.95	1	1	10.539801
SU6_serv	BOBJ1	556.25	Before	Interior Girder 2	11.25	0.95	1	1	10.539801
SU6_serv	BOBJ1	556.25	Before	Right Exterior Girder	11.25	0.95	1	1	11.149245
SU6_serv	BOBJ1	556.25	After	Left Exterior Girder	11.25	0.95	1	1	11.162691
SU6_serv	BOBJ1	556.25	After	Interior Girder 1	11.25	0.95	1	1	10.559893
SU6_serv	BOBJ1	556.25	After	Interior Girder 2	11.25	0.95	1	1	10.559893
SU6_serv	BOBJ1	556.25	After	Right Exterior Girder	11.25	0.95	1	1	11.162691
SU6_serv	BOBJ1	559.4358	Before	Left Exterior Girder	14.4358	0.95	1	1	12.418945
SU6_serv	BOBJ1	559.4358	Before	Interior Girder 1	14.4358	0.95	1	1	11.909074
SU6_serv	BOBJ1	559.4358	Before	Interior Girder 2	14.4358	0.95	1	1	11.909074
SU6_serv	BOBJ1	559.4358	Before	Right Exterior Girder	14.4358	0.95	1	1	12.418945
SU6_serv	BOBJ1	559.4358	After	Left Exterior Girder	14.4358	0.95	1	1	8.401538
SU6_serv	BOBJ1	559.4358	After	Interior Girder 1	14.4358	0.95	1	1	8.046428
SU6_serv	BOBJ1	559.4358	After	Interior Girder 2	14.4358	0.95	1	1	8.046428
SU6_serv	BOBJ1	559.4358	After	Right Exterior Girder	14.4358	0.95	1	1	8.401538
SU6_serv	BOBJ1	567.5	Before	Left Exterior Girder	22.5	0.95	1	1	11.188883
SU6_serv	BOBJ1	567.5	Before	Interior Girder 1	22.5	0.95	1	1	10.306378
SU6_serv	BOBJ1	567.5	Before	Interior Girder 2	22.5	0.95	1	1	10.306378
SU6_serv	BOBJ1	567.5	Before	Right Exterior Girder	22.5	0.95	1	1	11.188882
SU6_serv	BOBJ1	567.5	After	Left Exterior Girder	22.5	0.95	1	1	10.906407
SU6_serv	BOBJ1	567.5	After	Interior Girder 1	22.5	0.95	1	1	10.29071
SU6_serv	BOBJ1	567.5	After	Interior Girder 2	22.5	0.95	1	1	10.29071
SU6_serv	BOBJ1	567.5	After	Right Exterior Girder	22.5	0.95	1	1	10.906407
SU6_serv	BOBJ1	570.0586	Before	Left Exterior Girder	25.0586	0.95	1	1	11.859432
SU6_serv	BOBJ1	570.0586	Before	Interior Girder 1	25.0586	0.95	1	1	10.936919
SU6_serv	BOBJ1	570.0586	Before	Interior Girder 2	25.0586	0.95	1	1	10.936919
SU6_serv	BOBJ1	570.0586	Before	Right Exterior Girder	25.0586	0.95	1	1	11.859431
SU6_serv	BOBJ1	570.0586	After	Left Exterior Girder	25.0586	0.95	1	1	7.250628
SU6_serv	BOBJ1	570.0586	After	Interior Girder 1	25.0586	0.95	1	1	6.698202
SU6_serv	BOBJ1	570.0586	After	Interior Girder 2	25.0586	0.95	1	1	6.698202
SU6_serv	BOBJ1	570.0586	After	Right Exterior Girder	25.0586	0.95	1	1	7.250627
SU6_serv	BOBJ1	578.75	Before	Left Exterior Girder	33.75	0.95	1	1	9.35467
SU6_serv	BOBJ1	578.75	Before	Interior Girder 1	33.75	0.95	1	1	8.724869
SU6_serv	BOBJ1	578.75	Before	Interior Girder 2	33.75	0.95	1	1	8.724869
SU6_serv	BOBJ1	578.75	Before	Right Exterior Girder	33.75	0.95	1	1	9.35467
SU6_serv	BOBJ1	578.75	After	Left Exterior Girder	33.75	0.95	1	1	9.334462
SU6_serv	BOBJ1	578.75	After	Interior Girder 1	33.75	0.95	1	1	8.73853
SU6_serv	BOBJ1	578.75	After	Interior Girder 2	33.75	0.95	1	1	8.73853
SU6_serv	BOBJ1	578.75	After	Right Exterior Girder	33.75	0.95	1	1	9.334462
SU6_serv	BOBJ1	586.8142	Before	Left Exterior Girder	41.8142	0.95	1	1	11.244625
SU6_serv	BOBJ1	586.8142	Before	Interior Girder 1	41.8142	0.95	1	1	10.689868
SU6_serv	BOBJ1	586.8142	Before	Interior Girder 2	41.8142	0.95	1	1	10.689868
SU6_serv	BOBJ1	586.8142	Before	Right Exterior Girder	41.8142	0.95	1	1	11.244625
SU6_serv	BOBJ1	586.8142	After	Left Exterior Girder	41.8142	0.95	1	1	5.372571
SU6_serv	BOBJ1	586.8142	After	Interior Girder 1	41.8142	0.95	1	1	5.123213
SU6_serv	BOBJ1	586.8142	After	Interior Girder 2	41.8142	0.95	1	1	5.123213
SU6_serv	BOBJ1	586.8142	After	Right Exterior Girder	41.8142	0.95	1	1	5.372571
SU6_serv	BOBJ1	590	Before	Left Exterior Girder	45	0.95	1	1	6.040173
SU6_serv	BOBJ1	590	Before	Interior Girder 1	45	0.95	1	1	5.799379
SU6_serv	BOBJ1	590	Before	Interior Girder 2	45	0.95	1	1	5.799379
SU6_serv	BOBJ1	590	Before	Right Exterior Girder	45	0.95	1	1	6.040173
SU6_serv	BOBJ1	590	After	Left Exterior Girder	45	0.95	1	1	6.0688
SU6_serv	BOBJ1	590	After	Interior Girder 1	45	0.95	1	1	5.818166

TABLE: Bridge Super Rating AASHTORATE18 26 - SteelINonCompServ-Flx - Main Span Girders									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
SU6_serv	BOBJ1	590	After	Interior Girder 2	45	0.95	1	1	5.818166
SU6_serv	BOBJ1	590	After	Right Exterior Girder	45	0.95	1	1	6.0688
SU6_serv	BOBJ1	601.25	Before	Left Exterior Girder	56.25	0.95	1	1	8.486466
SU6_serv	BOBJ1	601.25	Before	Interior Girder 1	56.25	0.95	1	1	8.251925
SU6_serv	BOBJ1	601.25	Before	Interior Girder 2	56.25	0.95	1	1	8.251925
SU6_serv	BOBJ1	601.25	Before	Right Exterior Girder	56.25	0.95	1	1	8.486466
SU6_serv	BOBJ1	601.25	After	Left Exterior Girder	56.25	0.95	1	1	8.475079
SU6_serv	BOBJ1	601.25	After	Interior Girder 1	56.25	0.95	1	1	8.261955
SU6_serv	BOBJ1	601.25	After	Interior Girder 2	56.25	0.95	1	1	8.261955
SU6_serv	BOBJ1	601.25	After	Right Exterior Girder	56.25	0.95	1	1	8.475079
SU6_serv	BOBJ1	601.7478	Before	Left Exterior Girder	56.7478	0.95	1	1	8.583743
SU6_serv	BOBJ1	601.7478	Before	Interior Girder 1	56.7478	0.95	1	1	8.374654
SU6_serv	BOBJ1	601.7478	Before	Interior Girder 2	56.7478	0.95	1	1	8.374654
SU6_serv	BOBJ1	601.7478	Before	Right Exterior Girder	56.7478	0.95	1	1	8.583743
SU6_serv	BOBJ1	601.7478	After	Left Exterior Girder	56.7478	0.95	1	1	3.413097
SU6_serv	BOBJ1	601.7478	After	Interior Girder 1	56.7478	0.95	1	1	3.35708
SU6_serv	BOBJ1	601.7478	After	Interior Girder 2	56.7478	0.95	1	1	3.35708
SU6_serv	BOBJ1	601.7478	After	Right Exterior Girder	56.7478	0.95	1	1	3.413097
SU6_serv	BOBJ1	612.5	Before	Left Exterior Girder	67.5	0.95	1	1	5.49209
SU6_serv	BOBJ1	612.5	Before	Interior Girder 1	67.5	0.95	1	1	5.450333
SU6_serv	BOBJ1	612.5	Before	Interior Girder 2	67.5	0.95	1	1	5.450333
SU6_serv	BOBJ1	612.5	Before	Right Exterior Girder	67.5	0.95	1	1	5.49209
SU6_serv	BOBJ1	612.5	After	Left Exterior Girder	67.5	0.95	1	1	5.444272
SU6_serv	BOBJ1	612.5	After	Interior Girder 1	67.5	0.95	1	1	5.421575
SU6_serv	BOBJ1	612.5	After	Interior Girder 2	67.5	0.95	1	1	5.421575
SU6_serv	BOBJ1	612.5	After	Right Exterior Girder	67.5	0.95	1	1	5.444272
SU6_serv	BOBJ1	623.75	Before	Left Exterior Girder	78.75	0.95	1	1	4.975488
SU6_serv	BOBJ1	623.75	Before	Interior Girder 1	78.75	0.95	1	1	4.121445
SU6_serv	BOBJ1	623.75	Before	Interior Girder 2	78.75	0.95	1	1	4.121445
SU6_serv	BOBJ1	623.75	Before	Right Exterior Girder	78.75	0.95	1	1	4.975488
SU6_serv	BOBJ1	623.75	After	Left Exterior Girder	78.75	0.95	1	1	4.977466
SU6_serv	BOBJ1	623.75	After	Interior Girder 1	78.75	0.95	1	1	4.116077
SU6_serv	BOBJ1	623.75	After	Interior Girder 2	78.75	0.95	1	1	4.116077
SU6_serv	BOBJ1	623.75	After	Right Exterior Girder	78.75	0.95	1	1	4.977466
SU6_serv	BOBJ1	635	Before	Left Exterior Girder	90	0.95	1	1	3.483101
SU6_serv	BOBJ1	635	Before	Interior Girder 1	90	0.95	1	1	3.025626
SU6_serv	BOBJ1	635	Before	Interior Girder 2	90	0.95	1	1	3.025626
SU6_serv	BOBJ1	635	Before	Right Exterior Girder	90	0.95	1	1	3.483101
SU6_serv	BOBJ1	635	After	Left Exterior Girder	90	0.95	1	1	3.541574
SU6_serv	BOBJ1	635	After	Interior Girder 1	90	0.95	1	1	3.037944
SU6_serv	BOBJ1	635	After	Interior Girder 2	90	0.95	1	1	3.037944
SU6_serv	BOBJ1	635	After	Right Exterior Girder	90	0.95	1	1	3.541574
SU6_serv	BOBJ1	643.5619	Before	Left Exterior Girder	98.5619	0.95	1	1	2.769257
SU6_serv	BOBJ1	643.5619	Before	Interior Girder 1	98.5619	0.95	1	1	2.400212
SU6_serv	BOBJ1	643.5619	Before	Interior Girder 2	98.5619	0.95	1	1	2.400212
SU6_serv	BOBJ1	643.5619	Before	Right Exterior Girder	98.5619	0.95	1	1	2.769257
SU6_serv	BOBJ1	643.5619	After	Left Exterior Girder	98.5619	0.95	1	1	5.240192
SU6_serv	BOBJ1	643.5619	After	Interior Girder 1	98.5619	0.95	1	1	4.533462
SU6_serv	BOBJ1	643.5619	After	Interior Girder 2	98.5619	0.95	1	1	4.533462
SU6_serv	BOBJ1	643.5619	After	Right Exterior Girder	98.5619	0.95	1	1	5.240192
SU6_serv	BOBJ1	646.25	Before	Left Exterior Girder	101.25	0.95	1	1	4.984712
SU6_serv	BOBJ1	646.25	Before	Interior Girder 1	101.25	0.95	1	1	4.332698
SU6_serv	BOBJ1	646.25	Before	Interior Girder 2	101.25	0.95	1	1	4.332698
SU6_serv	BOBJ1	646.25	Before	Right Exterior Girder	101.25	0.95	1	1	4.984712
SU6_serv	BOBJ1	646.25	After	Left Exterior Girder	101.25	0.95	1	1	4.980892
SU6_serv	BOBJ1	646.25	After	Interior Girder 1	101.25	0.95	1	1	4.332965
SU6_serv	BOBJ1	646.25	After	Interior Girder 2	101.25	0.95	1	1	4.332964
SU6_serv	BOBJ1	646.25	After	Right Exterior Girder	101.25	0.95	1	1	4.980892
SU6_serv	BOBJ1	657.5	Before	Left Exterior Girder	112.5	0.95	1	1	4.129729
SU6_serv	BOBJ1	657.5	Before	Interior Girder 1	112.5	0.95	1	1	3.692811
SU6_serv	BOBJ1	657.5	Before	Interior Girder 2	112.5	0.95	1	1	3.692811
SU6_serv	BOBJ1	657.5	Before	Right Exterior Girder	112.5	0.95	1	1	4.129729
SU6_serv	BOBJ1	657.5	After	Left Exterior Girder	112.5	0.95	1	1	4.152576
SU6_serv	BOBJ1	657.5	After	Interior Girder 1	112.5	0.95	1	1	3.693988
SU6_serv	BOBJ1	657.5	After	Interior Girder 2	112.5	0.95	1	1	3.693987
SU6_serv	BOBJ1	657.5	After	Right Exterior Girder	112.5	0.95	1	1	4.152576
SU6_serv	BOBJ1	668.75	Before	Left Exterior Girder	123.75	0.95	1	1	3.653762
SU6_serv	BOBJ1	668.75	Before	Interior Girder 1	123.75	0.95	1	1	3.238534
SU6_serv	BOBJ1	668.75	Before	Interior Girder 2	123.75	0.95	1	1	3.238534
SU6_serv	BOBJ1	668.75	Before	Right Exterior Girder	123.75	0.95	1	1	3.653762

TABLE: Bridge Super Rating AASHTORATE18 26 - SteelINonCompServ-Flx - Main Span Girders									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
SU6_serv	BOBJ1	668.75	After	Left Exterior Girder	123.75	0.95	1	1	3.658604
SU6_serv	BOBJ1	668.75	After	Interior Girder 1	123.75	0.95	1	1	3.239242
SU6_serv	BOBJ1	668.75	After	Interior Girder 2	123.75	0.95	1	1	3.239242
SU6_serv	BOBJ1	668.75	After	Right Exterior Girder	123.75	0.95	1	1	3.658604
SU6_serv	BOBJ1	680	Before	Left Exterior Girder	135	0.95	1	1	3.355425
SU6_serv	BOBJ1	680	Before	Interior Girder 1	135	0.95	1	1	3.019511
SU6_serv	BOBJ1	680	Before	Interior Girder 2	135	0.95	1	1	3.019512
SU6_serv	BOBJ1	680	Before	Right Exterior Girder	135	0.95	1	1	3.355425
SU6_serv	BOBJ1	680	After	Left Exterior Girder	135	0.95	1	1	3.354532
SU6_serv	BOBJ1	680	After	Interior Girder 1	135	0.95	1	1	3.02656
SU6_serv	BOBJ1	680	After	Interior Girder 2	135	0.95	1	1	3.02656
SU6_serv	BOBJ1	680	After	Right Exterior Girder	135	0.95	1	1	3.354532
SU6_serv	BOBJ1	691.25	Before	Left Exterior Girder	146.25	0.95	1	1	3.297202
SU6_serv	BOBJ1	691.25	Before	Interior Girder 1	146.25	0.95	1	1	2.909871
SU6_serv	BOBJ1	691.25	Before	Interior Girder 2	146.25	0.95	1	1	2.909871
SU6_serv	BOBJ1	691.25	Before	Right Exterior Girder	146.25	0.95	1	1	3.297202
SU6_serv	BOBJ1	691.25	After	Left Exterior Girder	146.25	0.95	1	1	3.300486
SU6_serv	BOBJ1	691.25	After	Interior Girder 1	146.25	0.95	1	1	2.909633
SU6_serv	BOBJ1	691.25	After	Interior Girder 2	146.25	0.95	1	1	2.909633
SU6_serv	BOBJ1	691.25	After	Right Exterior Girder	146.25	0.95	1	1	3.300486
SU6_serv	BOBJ1	702.5	Before	Left Exterior Girder	157.5	0.95	1	1	3.431855
SU6_serv	BOBJ1	702.5	Before	Interior Girder 1	157.5	0.95	1	1	3.017643
SU6_serv	BOBJ1	702.5	Before	Interior Girder 2	157.5	0.95	1	1	3.017643
SU6_serv	BOBJ1	702.5	Before	Right Exterior Girder	157.5	0.95	1	1	3.431855
SU6_serv	BOBJ1	702.5	After	Left Exterior Girder	157.5	0.95	1	1	3.403119
SU6_serv	BOBJ1	702.5	After	Interior Girder 1	157.5	0.95	1	1	3.032853
SU6_serv	BOBJ1	702.5	After	Interior Girder 2	157.5	0.95	1	1	3.032853
SU6_serv	BOBJ1	702.5	After	Right Exterior Girder	157.5	0.95	1	1	3.403118
SU6_serv	BOBJ1	713.75	Before	Left Exterior Girder	168.75	0.95	1	1	3.853052
SU6_serv	BOBJ1	713.75	Before	Interior Girder 1	168.75	0.95	1	1	3.28433
SU6_serv	BOBJ1	713.75	Before	Interior Girder 2	168.75	0.95	1	1	3.28433
SU6_serv	BOBJ1	713.75	Before	Right Exterior Girder	168.75	0.95	1	1	3.853052
SU6_serv	BOBJ1	713.75	After	Left Exterior Girder	168.75	0.95	1	1	3.853202
SU6_serv	BOBJ1	713.75	After	Interior Girder 1	168.75	0.95	1	1	3.287093
SU6_serv	BOBJ1	713.75	After	Interior Girder 2	168.75	0.95	1	1	3.287093
SU6_serv	BOBJ1	713.75	After	Right Exterior Girder	168.75	0.95	1	1	3.853202
SU6_serv	BOBJ1	725	Before	Left Exterior Girder	180	0.95	1	1	4.684763
SU6_serv	BOBJ1	725	Before	Interior Girder 1	180	0.95	1	1	3.893992
SU6_serv	BOBJ1	725	Before	Interior Girder 2	180	0.95	1	1	3.893992
SU6_serv	BOBJ1	725	Before	Right Exterior Girder	180	0.95	1	1	4.684763
SU6_serv	BOBJ1	725	After	Left Exterior Girder	180	0.95	1	1	4.631114
SU6_serv	BOBJ1	725	After	Interior Girder 1	180	0.95	1	1	3.930408
SU6_serv	BOBJ1	725	After	Interior Girder 2	180	0.95	1	1	3.930408
SU6_serv	BOBJ1	725	After	Right Exterior Girder	180	0.95	1	1	4.631114
SU6_serv	BOBJ1	731.1726	Before	Left Exterior Girder	186.1726	0.95	1	1	5.405827
SU6_serv	BOBJ1	731.1726	Before	Interior Girder 1	186.1726	0.95	1	1	4.394546
SU6_serv	BOBJ1	731.1726	Before	Interior Girder 2	186.1726	0.95	1	1	4.394546
SU6_serv	BOBJ1	731.1726	Before	Right Exterior Girder	186.1726	0.95	1	1	5.405827
SU6_serv	BOBJ1	731.1726	After	Left Exterior Girder	186.1726	0.95	1	1	2.321773
SU6_serv	BOBJ1	731.1726	After	Interior Girder 1	186.1726	0.95	1	1	1.878563
SU6_serv	BOBJ1	731.1726	After	Interior Girder 2	186.1726	0.95	1	1	1.878563
SU6_serv	BOBJ1	731.1726	After	Right Exterior Girder	186.1726	0.95	1	1	2.321773
SU6_serv	BOBJ1	736.25	Before	Left Exterior Girder	191.25	0.95	1	1	2.861218
SU6_serv	BOBJ1	736.25	Before	Interior Girder 1	191.25	0.95	1	1	2.227287
SU6_serv	BOBJ1	736.25	Before	Interior Girder 2	191.25	0.95	1	1	2.227287
SU6_serv	BOBJ1	736.25	Before	Right Exterior Girder	191.25	0.95	1	1	2.861218
SU6_serv	BOBJ1	736.25	After	Left Exterior Girder	191.25	0.95	1	1	2.853089
SU6_serv	BOBJ1	736.25	After	Interior Girder 1	191.25	0.95	1	1	2.2268
SU6_serv	BOBJ1	736.25	After	Interior Girder 2	191.25	0.95	1	1	2.2268
SU6_serv	BOBJ1	736.25	After	Right Exterior Girder	191.25	0.95	1	1	2.853089
SU6_serv	BOBJ1	747.5	Before	Left Exterior Girder	202.5	0.95	1	1	4.974521
SU6_serv	BOBJ1	747.5	Before	Interior Girder 1	202.5	0.95	1	1	3.626525
SU6_serv	BOBJ1	747.5	Before	Interior Girder 2	202.5	0.95	1	1	3.626525
SU6_serv	BOBJ1	747.5	Before	Right Exterior Girder	202.5	0.95	1	1	4.97452
SU6_serv	BOBJ1	747.5	After	Left Exterior Girder	202.5	0.95	1	1	4.784335
SU6_serv	BOBJ1	747.5	After	Interior Girder 1	202.5	0.95	1	1	3.581689
SU6_serv	BOBJ1	747.5	After	Interior Girder 2	202.5	0.95	1	1	3.581689
SU6_serv	BOBJ1	747.5	After	Right Exterior Girder	202.5	0.95	1	1	4.784334
SU6_serv	BOBJ1	758.75	Before	Left Exterior Girder	213.75	0.95	1	1	11.379502
SU6_serv	BOBJ1	758.75	Before	Interior Girder 1	213.75	0.95	1	1	7.599957

TABLE: Bridge Super Rating AASHTORATE18 26 - SteelNonCompServ-Flx - Main Span Girders									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
SU6_serv	BOBJ1	758.75	Before	Interior Girder 2	213.75	0.95	1	1	7.599957
SU6_serv	BOBJ1	758.75	Before	Right Exterior Girder	213.75	0.95	1	1	11.379498
SU6_serv	BOBJ1	758.75	After	Left Exterior Girder	213.75	0.95	1	1	11.338593
SU6_serv	BOBJ1	758.75	After	Interior Girder 1	213.75	0.95	1	1	7.509052
SU6_serv	BOBJ1	758.75	After	Interior Girder 2	213.75	0.95	1	1	7.509053
SU6_serv	BOBJ1	758.75	After	Right Exterior Girder	213.75	0.95	1	1	11.33859
SU6_serv	BOBJ1	770	Before	Left Exterior Girder	225	0.95	1	1	232.215442
SU6_serv	BOBJ1	770	Before	Interior Girder 1	225	0.95	1	1	192.452742
SU6_serv	BOBJ1	770	Before	Interior Girder 2	225	0.95	1	1	192.45206
SU6_serv	BOBJ1	770	Before	Right Exterior Girder	225	0.95	1	1	232.216604
SU7_serv	BOBJ1	0	After	Left Exterior Girder	0	0.95	1	1	208.61589
SU7_serv	BOBJ1	0	After	Interior Girder 1	0	0.95	1	1	173.451305
SU7_serv	BOBJ1	0	After	Interior Girder 2	0	0.95	1	1	173.451111
SU7_serv	BOBJ1	0	After	Right Exterior Girder	0	0.95	1	1	208.615883
SU7_serv	BOBJ1	11.25	Before	Left Exterior Girder	11.25	0.95	1	1	10.360847
SU7_serv	BOBJ1	11.25	Before	Interior Girder 1	11.25	0.95	1	1	6.992843
SU7_serv	BOBJ1	11.25	Before	Interior Girder 2	11.25	0.95	1	1	6.992844
SU7_serv	BOBJ1	11.25	Before	Right Exterior Girder	11.25	0.95	1	1	10.360846
SU7_serv	BOBJ1	11.25	After	Left Exterior Girder	11.25	0.95	1	1	10.406488
SU7_serv	BOBJ1	11.25	After	Interior Girder 1	11.25	0.95	1	1	7.08792
SU7_serv	BOBJ1	11.25	After	Interior Girder 2	11.25	0.95	1	1	7.087921
SU7_serv	BOBJ1	11.25	After	Right Exterior Girder	11.25	0.95	1	1	10.406487
SU7_serv	BOBJ1	22.5	Before	Left Exterior Girder	22.5	0.95	1	1	4.357728
SU7_serv	BOBJ1	22.5	Before	Interior Girder 1	22.5	0.95	1	1	3.305393
SU7_serv	BOBJ1	22.5	Before	Interior Girder 2	22.5	0.95	1	1	3.305393
SU7_serv	BOBJ1	22.5	Before	Right Exterior Girder	22.5	0.95	1	1	4.357728
SU7_serv	BOBJ1	22.5	After	Left Exterior Girder	22.5	0.95	1	1	4.533122
SU7_serv	BOBJ1	22.5	After	Interior Girder 1	22.5	0.95	1	1	3.342792
SU7_serv	BOBJ1	22.5	After	Interior Girder 2	22.5	0.95	1	1	3.342793
SU7_serv	BOBJ1	22.5	After	Right Exterior Girder	22.5	0.95	1	1	4.533122
SU7_serv	BOBJ1	33.75	Before	Left Exterior Girder	33.75	0.95	1	1	2.587696
SU7_serv	BOBJ1	33.75	Before	Interior Girder 1	33.75	0.95	1	1	2.031538
SU7_serv	BOBJ1	33.75	Before	Interior Girder 2	33.75	0.95	1	1	2.031538
SU7_serv	BOBJ1	33.75	Before	Right Exterior Girder	33.75	0.95	1	1	2.587696
SU7_serv	BOBJ1	33.75	After	Left Exterior Girder	33.75	0.95	1	1	2.5944
SU7_serv	BOBJ1	33.75	After	Interior Girder 1	33.75	0.95	1	1	2.03144
SU7_serv	BOBJ1	33.75	After	Interior Girder 2	33.75	0.95	1	1	2.03144
SU7_serv	BOBJ1	33.75	After	Right Exterior Girder	33.75	0.95	1	1	2.5944
SU7_serv	BOBJ1	38.8274	Before	Left Exterior Girder	38.8274	0.95	1	1	2.103457
SU7_serv	BOBJ1	38.8274	Before	Interior Girder 1	38.8274	0.95	1	1	1.708462
SU7_serv	BOBJ1	38.8274	Before	Interior Girder 2	38.8274	0.95	1	1	1.708462
SU7_serv	BOBJ1	38.8274	Before	Right Exterior Girder	38.8274	0.95	1	1	2.103457
SU7_serv	BOBJ1	38.8274	After	Left Exterior Girder	38.8274	0.95	1	1	4.896861
SU7_serv	BOBJ1	38.8274	After	Interior Girder 1	38.8274	0.95	1	1	3.995642
SU7_serv	BOBJ1	38.8274	After	Interior Girder 2	38.8274	0.95	1	1	3.995642
SU7_serv	BOBJ1	38.8274	After	Right Exterior Girder	38.8274	0.95	1	1	4.896861
SU7_serv	BOBJ1	45	Before	Left Exterior Girder	45	0.95	1	1	4.190235
SU7_serv	BOBJ1	45	Before	Interior Girder 1	45	0.95	1	1	3.566912
SU7_serv	BOBJ1	45	Before	Interior Girder 2	45	0.95	1	1	3.566912
SU7_serv	BOBJ1	45	Before	Right Exterior Girder	45	0.95	1	1	4.190236
SU7_serv	BOBJ1	45	After	Left Exterior Girder	45	0.95	1	1	4.236146
SU7_serv	BOBJ1	45	After	Interior Girder 1	45	0.95	1	1	3.534711
SU7_serv	BOBJ1	45	After	Interior Girder 2	45	0.95	1	1	3.534711
SU7_serv	BOBJ1	45	After	Right Exterior Girder	45	0.95	1	1	4.236146
SU7_serv	BOBJ1	56.25	Before	Left Exterior Girder	56.25	0.95	1	1	3.480451
SU7_serv	BOBJ1	56.25	Before	Interior Girder 1	56.25	0.95	1	1	2.986906
SU7_serv	BOBJ1	56.25	Before	Interior Girder 2	56.25	0.95	1	1	2.986905
SU7_serv	BOBJ1	56.25	Before	Right Exterior Girder	56.25	0.95	1	1	3.480451
SU7_serv	BOBJ1	56.25	After	Left Exterior Girder	56.25	0.95	1	1	3.480269
SU7_serv	BOBJ1	56.25	After	Interior Girder 1	56.25	0.95	1	1	2.987024
SU7_serv	BOBJ1	56.25	After	Interior Girder 2	56.25	0.95	1	1	2.987024
SU7_serv	BOBJ1	56.25	After	Right Exterior Girder	56.25	0.95	1	1	3.480269
SU7_serv	BOBJ1	67.5	Before	Left Exterior Girder	67.5	0.95	1	1	3.075055
SU7_serv	BOBJ1	67.5	Before	Interior Girder 1	67.5	0.95	1	1	2.760431
SU7_serv	BOBJ1	67.5	Before	Interior Girder 2	67.5	0.95	1	1	2.76043
SU7_serv	BOBJ1	67.5	Before	Right Exterior Girder	67.5	0.95	1	1	3.075055
SU7_serv	BOBJ1	67.5	After	Left Exterior Girder	67.5	0.95	1	1	3.103828
SU7_serv	BOBJ1	67.5	After	Interior Girder 1	67.5	0.95	1	1	2.744741
SU7_serv	BOBJ1	67.5	After	Interior Girder 2	67.5	0.95	1	1	2.74474
SU7_serv	BOBJ1	67.5	After	Right Exterior Girder	67.5	0.95	1	1	3.103828

TABLE: Bridge Super Rating AASHTORATE18 26 - SteelNonCompServ-Flx - Main Span Girders									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
SU7_serv	BOBJ1	78.75	Before	Left Exterior Girder	78.75	0.95	1	1	2.982133
SU7_serv	BOBJ1	78.75	Before	Interior Girder 1	78.75	0.95	1	1	2.645167
SU7_serv	BOBJ1	78.75	Before	Interior Girder 2	78.75	0.95	1	1	2.645166
SU7_serv	BOBJ1	78.75	Before	Right Exterior Girder	78.75	0.95	1	1	2.982133
SU7_serv	BOBJ1	78.75	After	Left Exterior Girder	78.75	0.95	1	1	2.978599
SU7_serv	BOBJ1	78.75	After	Interior Girder 1	78.75	0.95	1	1	2.643999
SU7_serv	BOBJ1	78.75	After	Interior Girder 2	78.75	0.95	1	1	2.643998
SU7_serv	BOBJ1	78.75	After	Right Exterior Girder	78.75	0.95	1	1	2.978599
SU7_serv	BOBJ1	90	Before	Left Exterior Girder	90	0.95	1	1	3.029967
SU7_serv	BOBJ1	90	Before	Interior Girder 1	90	0.95	1	1	2.744944
SU7_serv	BOBJ1	90	Before	Interior Girder 2	90	0.95	1	1	2.744944
SU7_serv	BOBJ1	90	Before	Right Exterior Girder	90	0.95	1	1	3.029967
SU7_serv	BOBJ1	90	After	Left Exterior Girder	90	0.95	1	1	3.029435
SU7_serv	BOBJ1	90	After	Interior Girder 1	90	0.95	1	1	2.738157
SU7_serv	BOBJ1	90	After	Interior Girder 2	90	0.95	1	1	2.738156
SU7_serv	BOBJ1	90	After	Right Exterior Girder	90	0.95	1	1	3.029435
SU7_serv	BOBJ1	101.25	Before	Left Exterior Girder	101.25	0.95	1	1	3.303768
SU7_serv	BOBJ1	101.25	Before	Interior Girder 1	101.25	0.95	1	1	2.940597
SU7_serv	BOBJ1	101.25	Before	Interior Girder 2	101.25	0.95	1	1	2.940597
SU7_serv	BOBJ1	101.25	Before	Right Exterior Girder	101.25	0.95	1	1	3.303768
SU7_serv	BOBJ1	101.25	After	Left Exterior Girder	101.25	0.95	1	1	3.299187
SU7_serv	BOBJ1	101.25	After	Interior Girder 1	101.25	0.95	1	1	2.941454
SU7_serv	BOBJ1	101.25	After	Interior Girder 2	101.25	0.95	1	1	2.941454
SU7_serv	BOBJ1	101.25	After	Right Exterior Girder	101.25	0.95	1	1	3.299187
SU7_serv	BOBJ1	112.5	Before	Left Exterior Girder	112.5	0.95	1	1	3.754202
SU7_serv	BOBJ1	112.5	Before	Interior Girder 1	112.5	0.95	1	1	3.349503
SU7_serv	BOBJ1	112.5	Before	Interior Girder 2	112.5	0.95	1	1	3.349503
SU7_serv	BOBJ1	112.5	Before	Right Exterior Girder	112.5	0.95	1	1	3.754202
SU7_serv	BOBJ1	112.5	After	Left Exterior Girder	112.5	0.95	1	1	3.735157
SU7_serv	BOBJ1	112.5	After	Interior Girder 1	112.5	0.95	1	1	3.350858
SU7_serv	BOBJ1	112.5	After	Interior Girder 2	112.5	0.95	1	1	3.350858
SU7_serv	BOBJ1	112.5	After	Right Exterior Girder	112.5	0.95	1	1	3.735156
SU7_serv	BOBJ1	123.75	Before	Left Exterior Girder	123.75	0.95	1	1	4.503332
SU7_serv	BOBJ1	123.75	Before	Interior Girder 1	123.75	0.95	1	1	3.936074
SU7_serv	BOBJ1	123.75	Before	Interior Girder 2	123.75	0.95	1	1	3.936074
SU7_serv	BOBJ1	123.75	Before	Right Exterior Girder	123.75	0.95	1	1	4.503332
SU7_serv	BOBJ1	123.75	After	Left Exterior Girder	123.75	0.95	1	1	4.506371
SU7_serv	BOBJ1	123.75	After	Interior Girder 1	123.75	0.95	1	1	3.937307
SU7_serv	BOBJ1	123.75	After	Interior Girder 2	123.75	0.95	1	1	3.937307
SU7_serv	BOBJ1	123.75	After	Right Exterior Girder	123.75	0.95	1	1	4.506371
SU7_serv	BOBJ1	126.4381	Before	Left Exterior Girder	126.4381	0.95	1	1	4.739001
SU7_serv	BOBJ1	126.4381	Before	Interior Girder 1	126.4381	0.95	1	1	4.117323
SU7_serv	BOBJ1	126.4381	Before	Interior Girder 2	126.4381	0.95	1	1	4.117323
SU7_serv	BOBJ1	126.4381	Before	Right Exterior Girder	126.4381	0.95	1	1	4.739001
SU7_serv	BOBJ1	126.4381	After	Left Exterior Girder	126.4381	0.95	1	1	2.503915
SU7_serv	BOBJ1	126.4381	After	Interior Girder 1	126.4381	0.95	1	1	2.180178
SU7_serv	BOBJ1	126.4381	After	Interior Girder 2	126.4381	0.95	1	1	2.180178
SU7_serv	BOBJ1	126.4381	After	Right Exterior Girder	126.4381	0.95	1	1	2.503915
SU7_serv	BOBJ1	135	Before	Left Exterior Girder	135	0.95	1	1	3.205213
SU7_serv	BOBJ1	135	Before	Interior Girder 1	135	0.95	1	1	2.760199
SU7_serv	BOBJ1	135	Before	Interior Girder 2	135	0.95	1	1	2.760199
SU7_serv	BOBJ1	135	Before	Right Exterior Girder	135	0.95	1	1	3.205213
SU7_serv	BOBJ1	135	After	Left Exterior Girder	135	0.95	1	1	3.14908
SU7_serv	BOBJ1	135	After	Interior Girder 1	135	0.95	1	1	2.74982
SU7_serv	BOBJ1	135	After	Interior Girder 2	135	0.95	1	1	2.74982
SU7_serv	BOBJ1	135	After	Right Exterior Girder	135	0.95	1	1	3.149079
SU7_serv	BOBJ1	146.25	Before	Left Exterior Girder	146.25	0.95	1	1	4.510337
SU7_serv	BOBJ1	146.25	Before	Interior Girder 1	146.25	0.95	1	1	3.742759
SU7_serv	BOBJ1	146.25	Before	Interior Girder 2	146.25	0.95	1	1	3.742759
SU7_serv	BOBJ1	146.25	Before	Right Exterior Girder	146.25	0.95	1	1	4.510337
SU7_serv	BOBJ1	146.25	After	Left Exterior Girder	146.25	0.95	1	1	4.507988
SU7_serv	BOBJ1	146.25	After	Interior Girder 1	146.25	0.95	1	1	3.74885
SU7_serv	BOBJ1	146.25	After	Interior Girder 2	146.25	0.95	1	1	3.74885
SU7_serv	BOBJ1	146.25	After	Right Exterior Girder	146.25	0.95	1	1	4.507988
SU7_serv	BOBJ1	157.5	Before	Left Exterior Girder	157.5	0.95	1	1	4.885286
SU7_serv	BOBJ1	157.5	Before	Interior Girder 1	157.5	0.95	1	1	4.864938
SU7_serv	BOBJ1	157.5	Before	Interior Girder 2	157.5	0.95	1	1	4.864938
SU7_serv	BOBJ1	157.5	Before	Right Exterior Girder	157.5	0.95	1	1	4.885287
SU7_serv	BOBJ1	157.5	After	Left Exterior Girder	157.5	0.95	1	1	4.928186
SU7_serv	BOBJ1	157.5	After	Interior Girder 1	157.5	0.95	1	1	4.890771

TABLE: Bridge Super Rating AASHTORATE18 26 - SteelINonCompServ-Flx - Main Span Girders									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
SU7_serv	BOBJ1	157.5	After	Interior Girder 2	157.5	0.95	1	1	4.890771
SU7_serv	BOBJ1	157.5	After	Right Exterior Girder	157.5	0.95	1	1	4.928186
SU7_serv	BOBJ1	168.2522	Before	Left Exterior Girder	168.2522	0.95	1	1	3.065207
SU7_serv	BOBJ1	168.2522	Before	Interior Girder 1	168.2522	0.95	1	1	3.00905
SU7_serv	BOBJ1	168.2522	Before	Interior Girder 2	168.2522	0.95	1	1	3.00905
SU7_serv	BOBJ1	168.2522	Before	Right Exterior Girder	168.2522	0.95	1	1	3.065207
SU7_serv	BOBJ1	168.2522	After	Left Exterior Girder	168.2522	0.95	1	1	7.707257
SU7_serv	BOBJ1	168.2522	After	Interior Girder 1	168.2522	0.95	1	1	7.508855
SU7_serv	BOBJ1	168.2522	After	Interior Girder 2	168.2522	0.95	1	1	7.508854
SU7_serv	BOBJ1	168.2522	After	Right Exterior Girder	168.2522	0.95	1	1	7.707257
SU7_serv	BOBJ1	168.75	Before	Left Exterior Girder	168.75	0.95	1	1	7.604817
SU7_serv	BOBJ1	168.75	Before	Interior Girder 1	168.75	0.95	1	1	7.413843
SU7_serv	BOBJ1	168.75	Before	Interior Girder 2	168.75	0.95	1	1	7.413843
SU7_serv	BOBJ1	168.75	Before	Right Exterior Girder	168.75	0.95	1	1	7.604817
SU7_serv	BOBJ1	168.75	After	Left Exterior Girder	168.75	0.95	1	1	7.615072
SU7_serv	BOBJ1	168.75	After	Interior Girder 1	168.75	0.95	1	1	7.404823
SU7_serv	BOBJ1	168.75	After	Interior Girder 2	168.75	0.95	1	1	7.404823
SU7_serv	BOBJ1	168.75	After	Right Exterior Girder	168.75	0.95	1	1	7.615072
SU7_serv	BOBJ1	180	Before	Left Exterior Girder	180	0.95	1	1	5.44564
SU7_serv	BOBJ1	180	Before	Interior Girder 1	180	0.95	1	1	5.220539
SU7_serv	BOBJ1	180	Before	Interior Girder 2	180	0.95	1	1	5.220539
SU7_serv	BOBJ1	180	Before	Right Exterior Girder	180	0.95	1	1	5.44564
SU7_serv	BOBJ1	180	After	Left Exterior Girder	180	0.95	1	1	5.420047
SU7_serv	BOBJ1	180	After	Interior Girder 1	180	0.95	1	1	5.203628
SU7_serv	BOBJ1	180	After	Interior Girder 2	180	0.95	1	1	5.203628
SU7_serv	BOBJ1	180	After	Right Exterior Girder	180	0.95	1	1	5.420047
SU7_serv	BOBJ1	183.1858	Before	Left Exterior Girder	183.1858	0.95	1	1	4.816755
SU7_serv	BOBJ1	183.1858	Before	Interior Girder 1	183.1858	0.95	1	1	4.60125
SU7_serv	BOBJ1	183.1858	Before	Interior Girder 2	183.1858	0.95	1	1	4.60125
SU7_serv	BOBJ1	183.1858	Before	Right Exterior Girder	183.1858	0.95	1	1	4.816755
SU7_serv	BOBJ1	183.1858	After	Left Exterior Girder	183.1858	0.95	1	1	10.083695
SU7_serv	BOBJ1	183.1858	After	Interior Girder 1	183.1858	0.95	1	1	9.597705
SU7_serv	BOBJ1	183.1858	After	Interior Girder 2	183.1858	0.95	1	1	9.597705
SU7_serv	BOBJ1	183.1858	After	Right Exterior Girder	183.1858	0.95	1	1	10.083695
SU7_serv	BOBJ1	191.25	Before	Left Exterior Girder	191.25	0.95	1	1	8.376288
SU7_serv	BOBJ1	191.25	Before	Interior Girder 1	191.25	0.95	1	1	7.841273
SU7_serv	BOBJ1	191.25	Before	Interior Girder 2	191.25	0.95	1	1	7.841273
SU7_serv	BOBJ1	191.25	Before	Right Exterior Girder	191.25	0.95	1	1	8.376288
SU7_serv	BOBJ1	191.25	After	Left Exterior Girder	191.25	0.95	1	1	8.394378
SU7_serv	BOBJ1	191.25	After	Interior Girder 1	191.25	0.95	1	1	7.828959
SU7_serv	BOBJ1	191.25	After	Interior Girder 2	191.25	0.95	1	1	7.828959
SU7_serv	BOBJ1	191.25	After	Right Exterior Girder	191.25	0.95	1	1	8.394378
SU7_serv	BOBJ1	199.9414	Before	Left Exterior Girder	199.9414	0.95	1	1	6.50346
SU7_serv	BOBJ1	199.9414	Before	Interior Girder 1	199.9414	0.95	1	1	6.015093
SU7_serv	BOBJ1	199.9414	Before	Interior Girder 2	199.9414	0.95	1	1	6.015093
SU7_serv	BOBJ1	199.9414	Before	Right Exterior Girder	199.9414	0.95	1	1	6.50346
SU7_serv	BOBJ1	199.9414	After	Left Exterior Girder	199.9414	0.95	1	1	10.63786
SU7_serv	BOBJ1	199.9414	After	Interior Girder 1	199.9414	0.95	1	1	9.819245
SU7_serv	BOBJ1	199.9414	After	Interior Girder 2	199.9414	0.95	1	1	9.819246
SU7_serv	BOBJ1	199.9414	After	Right Exterior Girder	199.9414	0.95	1	1	10.63786
SU7_serv	BOBJ1	202.5	Before	Left Exterior Girder	202.5	0.95	1	1	9.789064
SU7_serv	BOBJ1	202.5	Before	Interior Girder 1	202.5	0.95	1	1	9.23497
SU7_serv	BOBJ1	202.5	Before	Interior Girder 2	202.5	0.95	1	1	9.23497
SU7_serv	BOBJ1	202.5	Before	Right Exterior Girder	202.5	0.95	1	1	9.789064
SU7_serv	BOBJ1	202.5	After	Left Exterior Girder	202.5	0.95	1	1	10.043563
SU7_serv	BOBJ1	202.5	After	Interior Girder 1	202.5	0.95	1	1	9.249082
SU7_serv	BOBJ1	202.5	After	Interior Girder 2	202.5	0.95	1	1	9.249082
SU7_serv	BOBJ1	202.5	After	Right Exterior Girder	202.5	0.95	1	1	10.043563
SU7_serv	BOBJ1	210.5642	Before	Left Exterior Girder	210.5642	0.95	1	1	7.54332
SU7_serv	BOBJ1	210.5642	Before	Interior Girder 1	210.5642	0.95	1	1	7.223468
SU7_serv	BOBJ1	210.5642	Before	Interior Girder 2	210.5642	0.95	1	1	7.223468
SU7_serv	BOBJ1	210.5642	Before	Right Exterior Girder	210.5642	0.95	1	1	7.54332
SU7_serv	BOBJ1	210.5642	After	Left Exterior Girder	210.5642	0.95	1	1	11.149624
SU7_serv	BOBJ1	210.5642	After	Interior Girder 1	210.5642	0.95	1	1	10.691058
SU7_serv	BOBJ1	210.5642	After	Interior Girder 2	210.5642	0.95	1	1	10.691058
SU7_serv	BOBJ1	210.5642	After	Right Exterior Girder	210.5642	0.95	1	1	11.149624
SU7_serv	BOBJ1	213.75	Before	Left Exterior Girder	213.75	0.95	1	1	10.021954
SU7_serv	BOBJ1	213.75	Before	Interior Girder 1	213.75	0.95	1	1	9.485108
SU7_serv	BOBJ1	213.75	Before	Interior Girder 2	213.75	0.95	1	1	9.485107
SU7_serv	BOBJ1	213.75	Before	Right Exterior Girder	213.75	0.95	1	1	10.021954

TABLE: Bridge Super Rating AASHTORATE18 26 - SteelNonCompServ-Flx - Main Span Girders									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
SU7_serv	BOBJ1	213.75	After	Left Exterior Girder	213.75	0.95	1	1	10.010033
SU7_serv	BOBJ1	213.75	After	Interior Girder 1	213.75	0.95	1	1	9.466749
SU7_serv	BOBJ1	213.75	After	Interior Girder 2	213.75	0.95	1	1	9.466748
SU7_serv	BOBJ1	213.75	After	Right Exterior Girder	213.75	0.95	1	1	10.010032
SU7_serv	BOBJ1	225	Before	Left Exterior Girder	225	0.95	1	1	6.362391
SU7_serv	BOBJ1	225	Before	Interior Girder 1	225	0.95	1	1	5.768975
SU7_serv	BOBJ1	225	Before	Interior Girder 2	225	0.95	1	1	5.768974
SU7_serv	BOBJ1	225	Before	Right Exterior Girder	225	0.95	1	1	6.362391
SU7_serv	BOBJ1	225	After	Left Exterior Girder	0	0.95	1	1	6.051562
SU7_serv	BOBJ1	225	After	Interior Girder 1	0	0.95	1	1	5.603737
SU7_serv	BOBJ1	225	After	Interior Girder 2	0	0.95	1	1	5.603737
SU7_serv	BOBJ1	225	After	Right Exterior Girder	0	0.95	1	1	6.051562
SU7_serv	BOBJ1	236.45	Before	Left Exterior Girder	11.45	0.95	1	1	10.113487
SU7_serv	BOBJ1	236.45	Before	Interior Girder 1	11.45	0.95	1	1	10.072618
SU7_serv	BOBJ1	236.45	Before	Interior Girder 2	11.45	0.95	1	1	10.072619
SU7_serv	BOBJ1	236.45	Before	Right Exterior Girder	11.45	0.95	1	1	10.113487
SU7_serv	BOBJ1	236.45	After	Left Exterior Girder	11.45	0.95	1	1	10.134247
SU7_serv	BOBJ1	236.45	After	Interior Girder 1	11.45	0.95	1	1	10.07826
SU7_serv	BOBJ1	236.45	After	Interior Girder 2	11.45	0.95	1	1	10.078261
SU7_serv	BOBJ1	236.45	After	Right Exterior Girder	11.45	0.95	1	1	10.134247
SU7_serv	BOBJ1	239.5082	Before	Left Exterior Girder	14.5082	0.95	1	1	11.514472
SU7_serv	BOBJ1	239.5082	Before	Interior Girder 1	14.5082	0.95	1	1	11.50693
SU7_serv	BOBJ1	239.5082	Before	Interior Girder 2	14.5082	0.95	1	1	11.506931
SU7_serv	BOBJ1	239.5082	Before	Right Exterior Girder	14.5082	0.95	1	1	11.514471
SU7_serv	BOBJ1	239.5082	After	Left Exterior Girder	14.5082	0.95	1	1	7.836095
SU7_serv	BOBJ1	239.5082	After	Interior Girder 1	14.5082	0.95	1	1	7.83817
SU7_serv	BOBJ1	239.5082	After	Interior Girder 2	14.5082	0.95	1	1	7.83817
SU7_serv	BOBJ1	239.5082	After	Right Exterior Girder	14.5082	0.95	1	1	7.836095
SU7_serv	BOBJ1	247.9	Before	Left Exterior Girder	22.9	0.95	1	1	11.491564
SU7_serv	BOBJ1	247.9	Before	Interior Girder 1	22.9	0.95	1	1	11.362437
SU7_serv	BOBJ1	247.9	Before	Interior Girder 2	22.9	0.95	1	1	11.362437
SU7_serv	BOBJ1	247.9	Before	Right Exterior Girder	22.9	0.95	1	1	11.491563
SU7_serv	BOBJ1	247.9	After	Left Exterior Girder	22.9	0.95	1	1	11.21875
SU7_serv	BOBJ1	247.9	After	Interior Girder 1	22.9	0.95	1	1	11.375251
SU7_serv	BOBJ1	247.9	After	Interior Girder 2	22.9	0.95	1	1	11.375251
SU7_serv	BOBJ1	247.9	After	Right Exterior Girder	22.9	0.95	1	1	11.21875
SU7_serv	BOBJ1	258.5189	Before	Left Exterior Girder	33.5189	0.95	1	1	15.563147
SU7_serv	BOBJ1	258.5189	Before	Interior Girder 1	33.5189	0.95	1	1	14.539087
SU7_serv	BOBJ1	258.5189	Before	Interior Girder 2	33.5189	0.95	1	1	14.539087
SU7_serv	BOBJ1	258.5189	Before	Right Exterior Girder	33.5189	0.95	1	1	15.563148
SU7_serv	BOBJ1	258.5189	After	Left Exterior Girder	33.5189	0.95	1	1	10.805981
SU7_serv	BOBJ1	258.5189	After	Interior Girder 1	33.5189	0.95	1	1	9.986452
SU7_serv	BOBJ1	258.5189	After	Interior Girder 2	33.5189	0.95	1	1	9.986452
SU7_serv	BOBJ1	258.5189	After	Right Exterior Girder	33.5189	0.95	1	1	10.805982
SU7_serv	BOBJ1	259.3	Before	Left Exterior Girder	34.3	0.95	1	1	11.027825
SU7_serv	BOBJ1	259.3	Before	Interior Girder 1	34.3	0.95	1	1	10.204248
SU7_serv	BOBJ1	259.3	Before	Interior Girder 2	34.3	0.95	1	1	10.204248
SU7_serv	BOBJ1	259.3	Before	Right Exterior Girder	34.3	0.95	1	1	11.027825
SU7_serv	BOBJ1	259.3	After	Left Exterior Girder	34.3	0.95	1	1	11.022614
SU7_serv	BOBJ1	259.3	After	Interior Girder 1	34.3	0.95	1	1	10.208673
SU7_serv	BOBJ1	259.3	After	Interior Girder 2	34.3	0.95	1	1	10.208673
SU7_serv	BOBJ1	259.3	After	Right Exterior Girder	34.3	0.95	1	1	11.022614
SU7_serv	BOBJ1	266.1031	Before	Left Exterior Girder	41.1031	0.95	1	1	12.896223
SU7_serv	BOBJ1	266.1031	Before	Interior Girder 1	41.1031	0.95	1	1	12.136541
SU7_serv	BOBJ1	266.1031	Before	Interior Girder 2	41.1031	0.95	1	1	12.136541
SU7_serv	BOBJ1	266.1031	Before	Right Exterior Girder	41.1031	0.95	1	1	12.896223
SU7_serv	BOBJ1	266.1031	After	Left Exterior Girder	41.1031	0.95	1	1	6.919137
SU7_serv	BOBJ1	266.1031	After	Interior Girder 1	41.1031	0.95	1	1	6.516792
SU7_serv	BOBJ1	266.1031	After	Interior Girder 2	41.1031	0.95	1	1	6.516792
SU7_serv	BOBJ1	266.1031	After	Right Exterior Girder	41.1031	0.95	1	1	6.919137
SU7_serv	BOBJ1	270.7	Before	Left Exterior Girder	45.7	0.95	1	1	8.091854
SU7_serv	BOBJ1	270.7	Before	Interior Girder 1	45.7	0.95	1	1	7.701373
SU7_serv	BOBJ1	270.7	Before	Interior Girder 2	45.7	0.95	1	1	7.701373
SU7_serv	BOBJ1	270.7	Before	Right Exterior Girder	45.7	0.95	1	1	8.091854
SU7_serv	BOBJ1	270.7	After	Left Exterior Girder	45.7	0.95	1	1	8.14952
SU7_serv	BOBJ1	270.7	After	Interior Girder 1	45.7	0.95	1	1	7.746121
SU7_serv	BOBJ1	270.7	After	Interior Girder 2	45.7	0.95	1	1	7.746121
SU7_serv	BOBJ1	270.7	After	Right Exterior Girder	45.7	0.95	1	1	8.14952
SU7_serv	BOBJ1	273.6874	Before	Left Exterior Girder	48.6874	0.95	1	1	8.927928
SU7_serv	BOBJ1	273.6874	Before	Interior Girder 1	48.6874	0.95	1	1	8.519406

TABLE: Bridge Super Rating AASHTORATE18 26 - SteelINonCompServ-Flx - Main Span Girders									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
SU7_serv	BOBJ1	273.6874	Before	Interior Girder 2	48.6874	0.95	1	1	8.519406
SU7_serv	BOBJ1	273.6874	Before	Right Exterior Girder	48.6874	0.95	1	1	8.927928
SU7_serv	BOBJ1	273.6874	After	Left Exterior Girder	48.6874	0.95	1	1	3.843021
SU7_serv	BOBJ1	273.6874	After	Interior Girder 1	48.6874	0.95	1	1	3.693983
SU7_serv	BOBJ1	273.6874	After	Interior Girder 2	48.6874	0.95	1	1	3.693983
SU7_serv	BOBJ1	273.6874	After	Right Exterior Girder	48.6874	0.95	1	1	3.843021
SU7_serv	BOBJ1	282.15	Before	Left Exterior Girder	57.15	0.95	1	1	5.889302
SU7_serv	BOBJ1	282.15	Before	Interior Girder 1	57.15	0.95	1	1	5.713516
SU7_serv	BOBJ1	282.15	Before	Interior Girder 2	57.15	0.95	1	1	5.713516
SU7_serv	BOBJ1	282.15	Before	Right Exterior Girder	57.15	0.95	1	1	5.889302
SU7_serv	BOBJ1	282.15	After	Left Exterior Girder	57.15	0.95	1	1	5.8809
SU7_serv	BOBJ1	282.15	After	Interior Girder 1	57.15	0.95	1	1	5.721835
SU7_serv	BOBJ1	282.15	After	Interior Girder 2	57.15	0.95	1	1	5.721835
SU7_serv	BOBJ1	282.15	After	Right Exterior Girder	57.15	0.95	1	1	5.8809
SU7_serv	BOBJ1	293.6	Before	Left Exterior Girder	68.6	0.95	1	1	4.420305
SU7_serv	BOBJ1	293.6	Before	Interior Girder 1	68.6	0.95	1	1	3.516106
SU7_serv	BOBJ1	293.6	Before	Interior Girder 2	68.6	0.95	1	1	3.516106
SU7_serv	BOBJ1	293.6	Before	Right Exterior Girder	68.6	0.95	1	1	4.420305
SU7_serv	BOBJ1	293.6	After	Left Exterior Girder	68.6	0.95	1	1	4.56883
SU7_serv	BOBJ1	293.6	After	Interior Girder 1	68.6	0.95	1	1	3.57762
SU7_serv	BOBJ1	293.6	After	Interior Girder 2	68.6	0.95	1	1	3.57762
SU7_serv	BOBJ1	293.6	After	Right Exterior Girder	68.6	0.95	1	1	4.56883
SU7_serv	BOBJ1	305	Before	Left Exterior Girder	80	0.95	1	1	2.475065
SU7_serv	BOBJ1	305	Before	Interior Girder 1	80	0.95	1	1	1.986395
SU7_serv	BOBJ1	305	Before	Interior Girder 2	80	0.95	1	1	1.986396
SU7_serv	BOBJ1	305	Before	Right Exterior Girder	80	0.95	1	1	2.475065
SU7_serv	BOBJ1	305	After	Left Exterior Girder	80	0.95	1	1	2.474706
SU7_serv	BOBJ1	305	After	Interior Girder 1	80	0.95	1	1	1.985479
SU7_serv	BOBJ1	305	After	Interior Girder 2	80	0.95	1	1	1.985479
SU7_serv	BOBJ1	305	After	Right Exterior Girder	80	0.95	1	1	2.474706
SU7_serv	BOBJ1	306.9561	Before	Left Exterior Girder	81.9561	0.95	1	1	2.193109
SU7_serv	BOBJ1	306.9561	Before	Interior Girder 1	81.9561	0.95	1	1	1.779405
SU7_serv	BOBJ1	306.9561	Before	Interior Girder 2	81.9561	0.95	1	1	1.779405
SU7_serv	BOBJ1	306.9561	Before	Right Exterior Girder	81.9561	0.95	1	1	2.193109
SU7_serv	BOBJ1	306.9561	After	Left Exterior Girder	81.9561	0.95	1	1	5.738657
SU7_serv	BOBJ1	306.9561	After	Interior Girder 1	81.9561	0.95	1	1	4.711638
SU7_serv	BOBJ1	306.9561	After	Interior Girder 2	81.9561	0.95	1	1	4.711638
SU7_serv	BOBJ1	306.9561	After	Right Exterior Girder	81.9561	0.95	1	1	5.738657
SU7_serv	BOBJ1	316.4	Before	Left Exterior Girder	91.4	0.95	1	1	4.219195
SU7_serv	BOBJ1	316.4	Before	Interior Girder 1	91.4	0.95	1	1	3.600355
SU7_serv	BOBJ1	316.4	Before	Interior Girder 2	91.4	0.95	1	1	3.600355
SU7_serv	BOBJ1	316.4	Before	Right Exterior Girder	91.4	0.95	1	1	4.219195
SU7_serv	BOBJ1	316.4	After	Left Exterior Girder	91.4	0.95	1	1	4.274797
SU7_serv	BOBJ1	316.4	After	Interior Girder 1	91.4	0.95	1	1	3.600144
SU7_serv	BOBJ1	316.4	After	Interior Girder 2	91.4	0.95	1	1	3.600144
SU7_serv	BOBJ1	316.4	After	Right Exterior Girder	91.4	0.95	1	1	4.274796
SU7_serv	BOBJ1	327.85	Before	Left Exterior Girder	102.9679	0.95	1	1	3.061848
SU7_serv	BOBJ1	327.85	Before	Interior Girder 1	102.9679	0.95	1	1	2.60099
SU7_serv	BOBJ1	327.85	Before	Interior Girder 2	102.9679	0.95	1	1	2.60099
SU7_serv	BOBJ1	327.85	Before	Right Exterior Girder	102.9679	0.95	1	1	3.061848
SU7_serv	BOBJ1	327.85	After	Left Exterior Girder	102.9679	0.95	1	1	5.915204
SU7_serv	BOBJ1	327.85	After	Interior Girder 1	102.9679	0.95	1	1	5.103866
SU7_serv	BOBJ1	327.85	After	Interior Girder 2	102.9679	0.95	1	1	5.103866
SU7_serv	BOBJ1	327.85	After	Right Exterior Girder	102.9679	0.95	1	1	5.915203
SU7_serv	BOBJ1	339.3	Before	Left Exterior Girder	114.3	0.95	1	1	4.812528
SU7_serv	BOBJ1	339.3	Before	Interior Girder 1	114.3	0.95	1	1	4.264465
SU7_serv	BOBJ1	339.3	Before	Interior Girder 2	114.3	0.95	1	1	4.264466
SU7_serv	BOBJ1	339.3	Before	Right Exterior Girder	114.3	0.95	1	1	4.812528
SU7_serv	BOBJ1	339.3	After	Left Exterior Girder	114.3	0.95	1	1	4.847602
SU7_serv	BOBJ1	339.3	After	Interior Girder 1	114.3	0.95	1	1	4.269329
SU7_serv	BOBJ1	339.3	After	Interior Girder 2	114.3	0.95	1	1	4.269329
SU7_serv	BOBJ1	339.3	After	Right Exterior Girder	114.3	0.95	1	1	4.847602
SU7_serv	BOBJ1	350.7	Before	Left Exterior Girder	125.7	0.95	1	1	4.156865
SU7_serv	BOBJ1	350.7	Before	Interior Girder 1	125.7	0.95	1	1	3.657954
SU7_serv	BOBJ1	350.7	Before	Interior Girder 2	125.7	0.95	1	1	3.657954
SU7_serv	BOBJ1	350.7	Before	Right Exterior Girder	125.7	0.95	1	1	4.156866
SU7_serv	BOBJ1	350.7	After	Left Exterior Girder	125.7	0.95	1	1	4.154308
SU7_serv	BOBJ1	350.7	After	Interior Girder 1	125.7	0.95	1	1	3.658204
SU7_serv	BOBJ1	350.7	After	Interior Girder 2	125.7	0.95	1	1	3.658205
SU7_serv	BOBJ1	350.7	After	Right Exterior Girder	125.7	0.95	1	1	4.154308

TABLE: Bridge Super Rating AASHTORATE18 26 - SteelNonCompServ-Flx - Main Span Girders									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
SU7_serv	BOBJ1	362.1	Before	Left Exterior Girder	137.1	0.95	1	1	3.679599
SU7_serv	BOBJ1	362.1	Before	Interior Girder 1	137.1	0.95	1	1	3.291796
SU7_serv	BOBJ1	362.1	Before	Interior Girder 2	137.1	0.95	1	1	3.291796
SU7_serv	BOBJ1	362.1	Before	Right Exterior Girder	137.1	0.95	1	1	3.679599
SU7_serv	BOBJ1	362.1	After	Left Exterior Girder	137.1	0.95	1	1	3.694511
SU7_serv	BOBJ1	362.1	After	Interior Girder 1	137.1	0.95	1	1	3.296964
SU7_serv	BOBJ1	362.1	After	Interior Girder 2	137.1	0.95	1	1	3.296964
SU7_serv	BOBJ1	362.1	After	Right Exterior Girder	137.1	0.95	1	1	3.694511
SU7_serv	BOBJ1	373.55	Before	Left Exterior Girder	148.55	0.95	1	1	3.45411
SU7_serv	BOBJ1	373.55	Before	Interior Girder 1	148.55	0.95	1	1	3.064472
SU7_serv	BOBJ1	373.55	Before	Interior Girder 2	148.55	0.95	1	1	3.064472
SU7_serv	BOBJ1	373.55	Before	Right Exterior Girder	148.55	0.95	1	1	3.45411
SU7_serv	BOBJ1	373.55	After	Left Exterior Girder	148.55	0.95	1	1	3.45214
SU7_serv	BOBJ1	373.55	After	Interior Girder 1	148.55	0.95	1	1	3.064837
SU7_serv	BOBJ1	373.55	After	Interior Girder 2	148.55	0.95	1	1	3.064837
SU7_serv	BOBJ1	373.55	After	Right Exterior Girder	148.55	0.95	1	1	3.45214
SU7_serv	BOBJ1	385	Before	Left Exterior Girder	160	0.95	1	1	3.353666
SU7_serv	BOBJ1	385	Before	Interior Girder 1	160	0.95	1	1	3.008676
SU7_serv	BOBJ1	385	Before	Interior Girder 2	160	0.95	1	1	3.008676
SU7_serv	BOBJ1	385	Before	Right Exterior Girder	160	0.95	1	1	3.353666
SU7_serv	BOBJ1	385	After	Left Exterior Girder	160	0.95	1	1	3.353666
SU7_serv	BOBJ1	385	After	Interior Girder 1	160	0.95	1	1	3.008676
SU7_serv	BOBJ1	385	After	Interior Girder 2	160	0.95	1	1	3.008676
SU7_serv	BOBJ1	385	After	Right Exterior Girder	160	0.95	1	1	3.353666
SU7_serv	BOBJ1	396.45	Before	Left Exterior Girder	171.45	0.95	1	1	3.45214
SU7_serv	BOBJ1	396.45	Before	Interior Girder 1	171.45	0.95	1	1	3.064837
SU7_serv	BOBJ1	396.45	Before	Interior Girder 2	171.45	0.95	1	1	3.064837
SU7_serv	BOBJ1	396.45	Before	Right Exterior Girder	171.45	0.95	1	1	3.45214
SU7_serv	BOBJ1	396.45	After	Left Exterior Girder	171.45	0.95	1	1	3.45411
SU7_serv	BOBJ1	396.45	After	Interior Girder 1	171.45	0.95	1	1	3.064472
SU7_serv	BOBJ1	396.45	After	Interior Girder 2	171.45	0.95	1	1	3.064472
SU7_serv	BOBJ1	396.45	After	Right Exterior Girder	171.45	0.95	1	1	3.45411
SU7_serv	BOBJ1	407.9	Before	Left Exterior Girder	182.9	0.95	1	1	3.694511
SU7_serv	BOBJ1	407.9	Before	Interior Girder 1	182.9	0.95	1	1	3.296964
SU7_serv	BOBJ1	407.9	Before	Interior Girder 2	182.9	0.95	1	1	3.296964
SU7_serv	BOBJ1	407.9	Before	Right Exterior Girder	182.9	0.95	1	1	3.694511
SU7_serv	BOBJ1	407.9	After	Left Exterior Girder	182.9	0.95	1	1	3.679599
SU7_serv	BOBJ1	407.9	After	Interior Girder 1	182.9	0.95	1	1	3.291796
SU7_serv	BOBJ1	407.9	After	Interior Girder 2	182.9	0.95	1	1	3.291796
SU7_serv	BOBJ1	407.9	After	Right Exterior Girder	182.9	0.95	1	1	3.679599
SU7_serv	BOBJ1	419.3	Before	Left Exterior Girder	194.3	0.95	1	1	4.154308
SU7_serv	BOBJ1	419.3	Before	Interior Girder 1	194.3	0.95	1	1	3.658204
SU7_serv	BOBJ1	419.3	Before	Interior Girder 2	194.3	0.95	1	1	3.658204
SU7_serv	BOBJ1	419.3	Before	Right Exterior Girder	194.3	0.95	1	1	4.154308
SU7_serv	BOBJ1	419.3	After	Left Exterior Girder	194.3	0.95	1	1	4.156866
SU7_serv	BOBJ1	419.3	After	Interior Girder 1	194.3	0.95	1	1	3.657954
SU7_serv	BOBJ1	419.3	After	Interior Girder 2	194.3	0.95	1	1	3.657954
SU7_serv	BOBJ1	419.3	After	Right Exterior Girder	194.3	0.95	1	1	4.156865
SU7_serv	BOBJ1	430.7	Before	Left Exterior Girder	205.7	0.95	1	1	4.847603
SU7_serv	BOBJ1	430.7	Before	Interior Girder 1	205.7	0.95	1	1	4.269329
SU7_serv	BOBJ1	430.7	Before	Interior Girder 2	205.7	0.95	1	1	4.269329
SU7_serv	BOBJ1	430.7	Before	Right Exterior Girder	205.7	0.95	1	1	4.847602
SU7_serv	BOBJ1	430.7	After	Left Exterior Girder	205.7	0.95	1	1	4.812528
SU7_serv	BOBJ1	430.7	After	Interior Girder 1	205.7	0.95	1	1	4.264465
SU7_serv	BOBJ1	430.7	After	Interior Girder 2	205.7	0.95	1	1	4.264465
SU7_serv	BOBJ1	430.7	After	Right Exterior Girder	205.7	0.95	1	1	4.812528
SU7_serv	BOBJ1	442.15	Before	Left Exterior Girder	217.0321	0.95	1	1	5.905435
SU7_serv	BOBJ1	442.15	Before	Interior Girder 1	217.0321	0.95	1	1	5.103601
SU7_serv	BOBJ1	442.15	Before	Interior Girder 2	217.0321	0.95	1	1	5.103601
SU7_serv	BOBJ1	442.15	Before	Right Exterior Girder	217.0321	0.95	1	1	5.905435
SU7_serv	BOBJ1	442.15	After	Left Exterior Girder	217.0321	0.95	1	1	3.057506
SU7_serv	BOBJ1	442.15	After	Interior Girder 1	217.0321	0.95	1	1	2.600173
SU7_serv	BOBJ1	442.15	After	Interior Girder 2	217.0321	0.95	1	1	2.600173
SU7_serv	BOBJ1	442.15	After	Right Exterior Girder	217.0321	0.95	1	1	3.057506
SU7_serv	BOBJ1	453.6	Before	Left Exterior Girder	228.6	0.95	1	1	4.274797
SU7_serv	BOBJ1	453.6	Before	Interior Girder 1	228.6	0.95	1	1	3.600144
SU7_serv	BOBJ1	453.6	Before	Interior Girder 2	228.6	0.95	1	1	3.600144
SU7_serv	BOBJ1	453.6	Before	Right Exterior Girder	228.6	0.95	1	1	4.274796
SU7_serv	BOBJ1	453.6	After	Left Exterior Girder	228.6	0.95	1	1	4.219195
SU7_serv	BOBJ1	453.6	After	Interior Girder 1	228.6	0.95	1	1	3.600355

TABLE: Bridge Super Rating AASHTORATE18 26 - SteelINonCompServ-Flx - Main Span Girders									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
SU7_serv	BOBJ1	453.6	After	Interior Girder 2	228.6	0.95	1	1	3.600355
SU7_serv	BOBJ1	453.6	After	Right Exterior Girder	228.6	0.95	1	1	4.219195
SU7_serv	BOBJ1	463.0439	Before	Left Exterior Girder	238.0439	0.95	1	1	5.721796
SU7_serv	BOBJ1	463.0439	Before	Interior Girder 1	238.0439	0.95	1	1	4.711506
SU7_serv	BOBJ1	463.0439	Before	Interior Girder 2	238.0439	0.95	1	1	4.711506
SU7_serv	BOBJ1	463.0439	Before	Right Exterior Girder	238.0439	0.95	1	1	5.721796
SU7_serv	BOBJ1	463.0439	After	Left Exterior Girder	238.0439	0.95	1	1	2.187289
SU7_serv	BOBJ1	463.0439	After	Interior Girder 1	238.0439	0.95	1	1	1.778674
SU7_serv	BOBJ1	463.0439	After	Interior Girder 2	238.0439	0.95	1	1	1.778674
SU7_serv	BOBJ1	463.0439	After	Right Exterior Girder	238.0439	0.95	1	1	2.187289
SU7_serv	BOBJ1	465	Before	Left Exterior Girder	240	0.95	1	1	2.474706
SU7_serv	BOBJ1	465	Before	Interior Girder 1	240	0.95	1	1	1.985479
SU7_serv	BOBJ1	465	Before	Interior Girder 2	240	0.95	1	1	1.985479
SU7_serv	BOBJ1	465	Before	Right Exterior Girder	240	0.95	1	1	2.474706
SU7_serv	BOBJ1	465	After	Left Exterior Girder	240	0.95	1	1	2.475065
SU7_serv	BOBJ1	465	After	Interior Girder 1	240	0.95	1	1	1.986395
SU7_serv	BOBJ1	465	After	Interior Girder 2	240	0.95	1	1	1.986396
SU7_serv	BOBJ1	465	After	Right Exterior Girder	240	0.95	1	1	2.475065
SU7_serv	BOBJ1	476.4	Before	Left Exterior Girder	251.4	0.95	1	1	4.56883
SU7_serv	BOBJ1	476.4	Before	Interior Girder 1	251.4	0.95	1	1	3.57762
SU7_serv	BOBJ1	476.4	Before	Interior Girder 2	251.4	0.95	1	1	3.57762
SU7_serv	BOBJ1	476.4	Before	Right Exterior Girder	251.4	0.95	1	1	4.568829
SU7_serv	BOBJ1	476.4	After	Left Exterior Girder	251.4	0.95	1	1	4.420305
SU7_serv	BOBJ1	476.4	After	Interior Girder 1	251.4	0.95	1	1	3.516106
SU7_serv	BOBJ1	476.4	After	Interior Girder 2	251.4	0.95	1	1	3.516106
SU7_serv	BOBJ1	476.4	After	Right Exterior Girder	251.4	0.95	1	1	4.420305
SU7_serv	BOBJ1	487.85	Before	Left Exterior Girder	262.85	0.95	1	1	5.8809
SU7_serv	BOBJ1	487.85	Before	Interior Girder 1	262.85	0.95	1	1	5.721835
SU7_serv	BOBJ1	487.85	Before	Interior Girder 2	262.85	0.95	1	1	5.721835
SU7_serv	BOBJ1	487.85	Before	Right Exterior Girder	262.85	0.95	1	1	5.8809
SU7_serv	BOBJ1	487.85	After	Left Exterior Girder	262.85	0.95	1	1	5.889302
SU7_serv	BOBJ1	487.85	After	Interior Girder 1	262.85	0.95	1	1	5.713516
SU7_serv	BOBJ1	487.85	After	Interior Girder 2	262.85	0.95	1	1	5.713516
SU7_serv	BOBJ1	487.85	After	Right Exterior Girder	262.85	0.95	1	1	5.889302
SU7_serv	BOBJ1	496.3126	Before	Left Exterior Girder	271.3126	0.95	1	1	3.844073
SU7_serv	BOBJ1	496.3126	Before	Interior Girder 1	271.3126	0.95	1	1	3.697539
SU7_serv	BOBJ1	496.3126	Before	Interior Girder 2	271.3126	0.95	1	1	3.697539
SU7_serv	BOBJ1	496.3126	Before	Right Exterior Girder	271.3126	0.95	1	1	3.844073
SU7_serv	BOBJ1	496.3126	After	Left Exterior Girder	271.3126	0.95	1	1	8.931173
SU7_serv	BOBJ1	496.3126	After	Interior Girder 1	271.3126	0.95	1	1	8.526667
SU7_serv	BOBJ1	496.3126	After	Interior Girder 2	271.3126	0.95	1	1	8.526667
SU7_serv	BOBJ1	496.3126	After	Right Exterior Girder	271.3126	0.95	1	1	8.931173
SU7_serv	BOBJ1	499.3	Before	Left Exterior Girder	274.3	0.95	1	1	8.14952
SU7_serv	BOBJ1	499.3	Before	Interior Girder 1	274.3	0.95	1	1	7.746121
SU7_serv	BOBJ1	499.3	Before	Interior Girder 2	274.3	0.95	1	1	7.746121
SU7_serv	BOBJ1	499.3	Before	Right Exterior Girder	274.3	0.95	1	1	8.14952
SU7_serv	BOBJ1	499.3	After	Left Exterior Girder	274.3	0.95	1	1	8.091854
SU7_serv	BOBJ1	499.3	After	Interior Girder 1	274.3	0.95	1	1	7.701373
SU7_serv	BOBJ1	499.3	After	Interior Girder 2	274.3	0.95	1	1	7.701373
SU7_serv	BOBJ1	499.3	After	Right Exterior Girder	274.3	0.95	1	1	8.091854
SU7_serv	BOBJ1	503.8969	Before	Left Exterior Girder	278.8969	0.95	1	1	6.919137
SU7_serv	BOBJ1	503.8969	Before	Interior Girder 1	278.8969	0.95	1	1	6.516792
SU7_serv	BOBJ1	503.8969	Before	Interior Girder 2	278.8969	0.95	1	1	6.516791
SU7_serv	BOBJ1	503.8969	Before	Right Exterior Girder	278.8969	0.95	1	1	6.919137
SU7_serv	BOBJ1	503.8969	After	Left Exterior Girder	278.8969	0.95	1	1	12.896223
SU7_serv	BOBJ1	503.8969	After	Interior Girder 1	278.8969	0.95	1	1	12.136541
SU7_serv	BOBJ1	503.8969	After	Interior Girder 2	278.8969	0.95	1	1	12.136541
SU7_serv	BOBJ1	503.8969	After	Right Exterior Girder	278.8969	0.95	1	1	12.896223
SU7_serv	BOBJ1	510.7	Before	Left Exterior Girder	285.7	0.95	1	1	11.022614
SU7_serv	BOBJ1	510.7	Before	Interior Girder 1	285.7	0.95	1	1	10.208673
SU7_serv	BOBJ1	510.7	Before	Interior Girder 2	285.7	0.95	1	1	10.208672
SU7_serv	BOBJ1	510.7	Before	Right Exterior Girder	285.7	0.95	1	1	11.022614
SU7_serv	BOBJ1	510.7	After	Left Exterior Girder	285.7	0.95	1	1	11.027824
SU7_serv	BOBJ1	510.7	After	Interior Girder 1	285.7	0.95	1	1	10.204248
SU7_serv	BOBJ1	510.7	After	Interior Girder 2	285.7	0.95	1	1	10.204247
SU7_serv	BOBJ1	510.7	After	Right Exterior Girder	285.7	0.95	1	1	11.027824
SU7_serv	BOBJ1	511.4811	Before	Left Exterior Girder	286.4811	0.95	1	1	10.808202
SU7_serv	BOBJ1	511.4811	Before	Interior Girder 1	286.4811	0.95	1	1	9.991507
SU7_serv	BOBJ1	511.4811	Before	Interior Girder 2	286.4811	0.95	1	1	9.991507
SU7_serv	BOBJ1	511.4811	Before	Right Exterior Girder	286.4811	0.95	1	1	10.808202

TABLE: Bridge Super Rating AASHTORATE18 26 - SteelINonCompServ-Flx - Main Span Girders									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
SU7_serv	BOBJ1	511.4811	After	Left Exterior Girder	286.4811	0.95	1	1	15.605218
SU7_serv	BOBJ1	511.4811	After	Interior Girder 1	286.4811	0.95	1	1	14.545512
SU7_serv	BOBJ1	511.4811	After	Interior Girder 2	286.4811	0.95	1	1	14.545511
SU7_serv	BOBJ1	511.4811	After	Right Exterior Girder	286.4811	0.95	1	1	15.605219
SU7_serv	BOBJ1	522.1	Before	Left Exterior Girder	297.1	0.95	1	1	11.21875
SU7_serv	BOBJ1	522.1	Before	Interior Girder 1	297.1	0.95	1	1	11.375251
SU7_serv	BOBJ1	522.1	Before	Interior Girder 2	297.1	0.95	1	1	11.375251
SU7_serv	BOBJ1	522.1	Before	Right Exterior Girder	297.1	0.95	1	1	11.21875
SU7_serv	BOBJ1	522.1	After	Left Exterior Girder	297.1	0.95	1	1	11.491564
SU7_serv	BOBJ1	522.1	After	Interior Girder 1	297.1	0.95	1	1	11.362437
SU7_serv	BOBJ1	522.1	After	Interior Girder 2	297.1	0.95	1	1	11.362436
SU7_serv	BOBJ1	522.1	After	Right Exterior Girder	297.1	0.95	1	1	11.491564
SU7_serv	BOBJ1	530.4918	Before	Left Exterior Girder	305.4918	0.95	1	1	7.836096
SU7_serv	BOBJ1	530.4918	Before	Interior Girder 1	305.4918	0.95	1	1	7.83817
SU7_serv	BOBJ1	530.4918	Before	Interior Girder 2	305.4918	0.95	1	1	7.83817
SU7_serv	BOBJ1	530.4918	Before	Right Exterior Girder	305.4918	0.95	1	1	7.836096
SU7_serv	BOBJ1	530.4918	After	Left Exterior Girder	305.4918	0.95	1	1	11.514472
SU7_serv	BOBJ1	530.4918	After	Interior Girder 1	305.4918	0.95	1	1	11.50693
SU7_serv	BOBJ1	530.4918	After	Interior Girder 2	305.4918	0.95	1	1	11.506931
SU7_serv	BOBJ1	530.4918	After	Right Exterior Girder	305.4918	0.95	1	1	11.514472
SU7_serv	BOBJ1	533.55	Before	Left Exterior Girder	308.55	0.95	1	1	10.134248
SU7_serv	BOBJ1	533.55	Before	Interior Girder 1	308.55	0.95	1	1	10.07826
SU7_serv	BOBJ1	533.55	Before	Interior Girder 2	308.55	0.95	1	1	10.078261
SU7_serv	BOBJ1	533.55	Before	Right Exterior Girder	308.55	0.95	1	1	10.134247
SU7_serv	BOBJ1	533.55	After	Left Exterior Girder	308.55	0.95	1	1	10.113488
SU7_serv	BOBJ1	533.55	After	Interior Girder 1	308.55	0.95	1	1	10.072618
SU7_serv	BOBJ1	533.55	After	Interior Girder 2	308.55	0.95	1	1	10.072619
SU7_serv	BOBJ1	533.55	After	Right Exterior Girder	308.55	0.95	1	1	10.113487
SU7_serv	BOBJ1	545	Before	Left Exterior Girder	320	0.95	1	1	6.051563
SU7_serv	BOBJ1	545	Before	Interior Girder 1	320	0.95	1	1	5.603737
SU7_serv	BOBJ1	545	Before	Interior Girder 2	320	0.95	1	1	5.603737
SU7_serv	BOBJ1	545	Before	Right Exterior Girder	320	0.95	1	1	6.051562
SU7_serv	BOBJ1	545	After	Left Exterior Girder	0	0.95	1	1	6.362391
SU7_serv	BOBJ1	545	After	Interior Girder 1	0	0.95	1	1	5.771367
SU7_serv	BOBJ1	545	After	Interior Girder 2	0	0.95	1	1	5.771367
SU7_serv	BOBJ1	545	After	Right Exterior Girder	0	0.95	1	1	6.362391
SU7_serv	BOBJ1	556.25	Before	Left Exterior Girder	11.25	0.95	1	1	10.010033
SU7_serv	BOBJ1	556.25	Before	Interior Girder 1	11.25	0.95	1	1	9.466747
SU7_serv	BOBJ1	556.25	Before	Interior Girder 2	11.25	0.95	1	1	9.466747
SU7_serv	BOBJ1	556.25	Before	Right Exterior Girder	11.25	0.95	1	1	10.010032
SU7_serv	BOBJ1	556.25	After	Left Exterior Girder	11.25	0.95	1	1	10.021954
SU7_serv	BOBJ1	556.25	After	Interior Girder 1	11.25	0.95	1	1	9.485107
SU7_serv	BOBJ1	556.25	After	Interior Girder 2	11.25	0.95	1	1	9.485107
SU7_serv	BOBJ1	556.25	After	Right Exterior Girder	11.25	0.95	1	1	10.021954
SU7_serv	BOBJ1	559.4358	Before	Left Exterior Girder	14.4358	0.95	1	1	11.149625
SU7_serv	BOBJ1	559.4358	Before	Interior Girder 1	14.4358	0.95	1	1	10.691058
SU7_serv	BOBJ1	559.4358	Before	Interior Girder 2	14.4358	0.95	1	1	10.691058
SU7_serv	BOBJ1	559.4358	Before	Right Exterior Girder	14.4358	0.95	1	1	11.149624
SU7_serv	BOBJ1	559.4358	After	Left Exterior Girder	14.4358	0.95	1	1	7.54332
SU7_serv	BOBJ1	559.4358	After	Interior Girder 1	14.4358	0.95	1	1	7.223468
SU7_serv	BOBJ1	559.4358	After	Interior Girder 2	14.4358	0.95	1	1	7.223468
SU7_serv	BOBJ1	559.4358	After	Right Exterior Girder	14.4358	0.95	1	1	7.54332
SU7_serv	BOBJ1	567.5	Before	Left Exterior Girder	22.5	0.95	1	1	10.043563
SU7_serv	BOBJ1	567.5	Before	Interior Girder 1	22.5	0.95	1	1	9.249083
SU7_serv	BOBJ1	567.5	Before	Interior Girder 2	22.5	0.95	1	1	9.249083
SU7_serv	BOBJ1	567.5	Before	Right Exterior Girder	22.5	0.95	1	1	10.043563
SU7_serv	BOBJ1	567.5	After	Left Exterior Girder	22.5	0.95	1	1	9.789064
SU7_serv	BOBJ1	567.5	After	Interior Girder 1	22.5	0.95	1	1	9.23497
SU7_serv	BOBJ1	567.5	After	Interior Girder 2	22.5	0.95	1	1	9.23497
SU7_serv	BOBJ1	567.5	After	Right Exterior Girder	22.5	0.95	1	1	9.789064
SU7_serv	BOBJ1	570.0586	Before	Left Exterior Girder	25.0586	0.95	1	1	10.645535
SU7_serv	BOBJ1	570.0586	Before	Interior Girder 1	25.0586	0.95	1	1	9.814477
SU7_serv	BOBJ1	570.0586	Before	Interior Girder 2	25.0586	0.95	1	1	9.814477
SU7_serv	BOBJ1	570.0586	Before	Right Exterior Girder	25.0586	0.95	1	1	10.645535
SU7_serv	BOBJ1	570.0586	After	Left Exterior Girder	25.0586	0.95	1	1	6.508662
SU7_serv	BOBJ1	570.0586	After	Interior Girder 1	25.0586	0.95	1	1	6.011033
SU7_serv	BOBJ1	570.0586	After	Interior Girder 2	25.0586	0.95	1	1	6.011033
SU7_serv	BOBJ1	570.0586	After	Right Exterior Girder	25.0586	0.95	1	1	6.508661
SU7_serv	BOBJ1	578.75	Before	Left Exterior Girder	33.75	0.95	1	1	8.394378
SU7_serv	BOBJ1	578.75	Before	Interior Girder 1	33.75	0.95	1	1	7.82896

TABLE: Bridge Super Rating AASHTORATE18 26 - SteelINonCompServ-Flx - Main Span Girders									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
SU7_serv	BOBJ1	578.75	Before	Interior Girder 2	33.75	0.95	1	1	7.82896
SU7_serv	BOBJ1	578.75	Before	Right Exterior Girder	33.75	0.95	1	1	8.394377
SU7_serv	BOBJ1	578.75	After	Left Exterior Girder	33.75	0.95	1	1	8.376288
SU7_serv	BOBJ1	578.75	After	Interior Girder 1	33.75	0.95	1	1	7.841273
SU7_serv	BOBJ1	578.75	After	Interior Girder 2	33.75	0.95	1	1	7.841273
SU7_serv	BOBJ1	578.75	After	Right Exterior Girder	33.75	0.95	1	1	8.376288
SU7_serv	BOBJ1	586.8142	Before	Left Exterior Girder	41.8142	0.95	1	1	10.090183
SU7_serv	BOBJ1	586.8142	Before	Interior Girder 1	41.8142	0.95	1	1	9.591847
SU7_serv	BOBJ1	586.8142	Before	Interior Girder 2	41.8142	0.95	1	1	9.591847
SU7_serv	BOBJ1	586.8142	Before	Right Exterior Girder	41.8142	0.95	1	1	10.090183
SU7_serv	BOBJ1	586.8142	After	Left Exterior Girder	41.8142	0.95	1	1	4.821007
SU7_serv	BOBJ1	586.8142	After	Interior Girder 1	41.8142	0.95	1	1	4.597062
SU7_serv	BOBJ1	586.8142	After	Interior Girder 2	41.8142	0.95	1	1	4.597062
SU7_serv	BOBJ1	586.8142	After	Right Exterior Girder	41.8142	0.95	1	1	4.821007
SU7_serv	BOBJ1	590	Before	Left Exterior Girder	45	0.95	1	1	5.420047
SU7_serv	BOBJ1	590	Before	Interior Girder 1	45	0.95	1	1	5.203628
SU7_serv	BOBJ1	590	Before	Interior Girder 2	45	0.95	1	1	5.203628
SU7_serv	BOBJ1	590	Before	Right Exterior Girder	45	0.95	1	1	5.420047
SU7_serv	BOBJ1	590	After	Left Exterior Girder	45	0.95	1	1	5.445639
SU7_serv	BOBJ1	590	After	Interior Girder 1	45	0.95	1	1	5.220539
SU7_serv	BOBJ1	590	After	Interior Girder 2	45	0.95	1	1	5.220539
SU7_serv	BOBJ1	590	After	Right Exterior Girder	45	0.95	1	1	5.445639
SU7_serv	BOBJ1	601.25	Before	Left Exterior Girder	56.25	0.95	1	1	7.615072
SU7_serv	BOBJ1	601.25	Before	Interior Girder 1	56.25	0.95	1	1	7.404823
SU7_serv	BOBJ1	601.25	Before	Interior Girder 2	56.25	0.95	1	1	7.404823
SU7_serv	BOBJ1	601.25	Before	Right Exterior Girder	56.25	0.95	1	1	7.615072
SU7_serv	BOBJ1	601.25	After	Left Exterior Girder	56.25	0.95	1	1	7.604817
SU7_serv	BOBJ1	601.25	After	Interior Girder 1	56.25	0.95	1	1	7.413843
SU7_serv	BOBJ1	601.25	After	Interior Girder 2	56.25	0.95	1	1	7.413843
SU7_serv	BOBJ1	601.25	After	Right Exterior Girder	56.25	0.95	1	1	7.604817
SU7_serv	BOBJ1	601.7478	Before	Left Exterior Girder	56.7478	0.95	1	1	7.702335
SU7_serv	BOBJ1	601.7478	Before	Interior Girder 1	56.7478	0.95	1	1	7.514975
SU7_serv	BOBJ1	601.7478	Before	Interior Girder 2	56.7478	0.95	1	1	7.514975
SU7_serv	BOBJ1	601.7478	Before	Right Exterior Girder	56.7478	0.95	1	1	7.702335
SU7_serv	BOBJ1	601.7478	After	Left Exterior Girder	56.7478	0.95	1	1	3.062621
SU7_serv	BOBJ1	601.7478	After	Interior Girder 1	56.7478	0.95	1	1	3.012441
SU7_serv	BOBJ1	601.7478	After	Interior Girder 2	56.7478	0.95	1	1	3.012441
SU7_serv	BOBJ1	601.7478	After	Right Exterior Girder	56.7478	0.95	1	1	3.062621
SU7_serv	BOBJ1	612.5	Before	Left Exterior Girder	67.5	0.95	1	1	4.928186
SU7_serv	BOBJ1	612.5	Before	Interior Girder 1	67.5	0.95	1	1	4.890771
SU7_serv	BOBJ1	612.5	Before	Interior Girder 2	67.5	0.95	1	1	4.890771
SU7_serv	BOBJ1	612.5	Before	Right Exterior Girder	67.5	0.95	1	1	4.928186
SU7_serv	BOBJ1	612.5	After	Left Exterior Girder	67.5	0.95	1	1	4.885287
SU7_serv	BOBJ1	612.5	After	Interior Girder 1	67.5	0.95	1	1	4.864938
SU7_serv	BOBJ1	612.5	After	Interior Girder 2	67.5	0.95	1	1	4.864937
SU7_serv	BOBJ1	612.5	After	Right Exterior Girder	67.5	0.95	1	1	4.885286
SU7_serv	BOBJ1	623.75	Before	Left Exterior Girder	78.75	0.95	1	1	4.507988
SU7_serv	BOBJ1	623.75	Before	Interior Girder 1	78.75	0.95	1	1	3.74885
SU7_serv	BOBJ1	623.75	Before	Interior Girder 2	78.75	0.95	1	1	3.74885
SU7_serv	BOBJ1	623.75	Before	Right Exterior Girder	78.75	0.95	1	1	4.507988
SU7_serv	BOBJ1	623.75	After	Left Exterior Girder	78.75	0.95	1	1	4.510337
SU7_serv	BOBJ1	623.75	After	Interior Girder 1	78.75	0.95	1	1	3.742759
SU7_serv	BOBJ1	623.75	After	Interior Girder 2	78.75	0.95	1	1	3.742759
SU7_serv	BOBJ1	623.75	After	Right Exterior Girder	78.75	0.95	1	1	4.510337
SU7_serv	BOBJ1	635	Before	Left Exterior Girder	90	0.95	1	1	3.14908
SU7_serv	BOBJ1	635	Before	Interior Girder 1	90	0.95	1	1	2.74982
SU7_serv	BOBJ1	635	Before	Interior Girder 2	90	0.95	1	1	2.749819
SU7_serv	BOBJ1	635	Before	Right Exterior Girder	90	0.95	1	1	3.14908
SU7_serv	BOBJ1	635	After	Left Exterior Girder	90	0.95	1	1	3.205205
SU7_serv	BOBJ1	635	After	Interior Girder 1	90	0.95	1	1	2.760199
SU7_serv	BOBJ1	635	After	Interior Girder 2	90	0.95	1	1	2.760199
SU7_serv	BOBJ1	635	After	Right Exterior Girder	90	0.95	1	1	3.205205
SU7_serv	BOBJ1	643.5619	Before	Left Exterior Girder	98.5619	0.95	1	1	2.503915
SU7_serv	BOBJ1	643.5619	Before	Interior Girder 1	98.5619	0.95	1	1	2.180178
SU7_serv	BOBJ1	643.5619	Before	Interior Girder 2	98.5619	0.95	1	1	2.180178
SU7_serv	BOBJ1	643.5619	Before	Right Exterior Girder	98.5619	0.95	1	1	2.503915
SU7_serv	BOBJ1	643.5619	After	Left Exterior Girder	98.5619	0.95	1	1	4.739001
SU7_serv	BOBJ1	643.5619	After	Interior Girder 1	98.5619	0.95	1	1	4.117323
SU7_serv	BOBJ1	643.5619	After	Interior Girder 2	98.5619	0.95	1	1	4.117323
SU7_serv	BOBJ1	643.5619	After	Right Exterior Girder	98.5619	0.95	1	1	4.739001

TABLE: Bridge Super Rating AASHTORATE18 26 - SteelINonCompServ-Flx - Main Span Girders									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
SU7_serv	BOBJ1	646.25	Before	Left Exterior Girder	101.25	0.95	1	1	4.506371
SU7_serv	BOBJ1	646.25	Before	Interior Girder 1	101.25	0.95	1	1	3.937307
SU7_serv	BOBJ1	646.25	Before	Interior Girder 2	101.25	0.95	1	1	3.937307
SU7_serv	BOBJ1	646.25	Before	Right Exterior Girder	101.25	0.95	1	1	4.506371
SU7_serv	BOBJ1	646.25	After	Left Exterior Girder	101.25	0.95	1	1	4.503332
SU7_serv	BOBJ1	646.25	After	Interior Girder 1	101.25	0.95	1	1	3.936074
SU7_serv	BOBJ1	646.25	After	Interior Girder 2	101.25	0.95	1	1	3.936074
SU7_serv	BOBJ1	646.25	After	Right Exterior Girder	101.25	0.95	1	1	4.503332
SU7_serv	BOBJ1	657.5	Before	Left Exterior Girder	112.5	0.95	1	1	3.735156
SU7_serv	BOBJ1	657.5	Before	Interior Girder 1	112.5	0.95	1	1	3.350858
SU7_serv	BOBJ1	657.5	Before	Interior Girder 2	112.5	0.95	1	1	3.350858
SU7_serv	BOBJ1	657.5	Before	Right Exterior Girder	112.5	0.95	1	1	3.735156
SU7_serv	BOBJ1	657.5	After	Left Exterior Girder	112.5	0.95	1	1	3.754202
SU7_serv	BOBJ1	657.5	After	Interior Girder 1	112.5	0.95	1	1	3.34951
SU7_serv	BOBJ1	657.5	After	Interior Girder 2	112.5	0.95	1	1	3.34951
SU7_serv	BOBJ1	657.5	After	Right Exterior Girder	112.5	0.95	1	1	3.754201
SU7_serv	BOBJ1	668.75	Before	Left Exterior Girder	123.75	0.95	1	1	3.299187
SU7_serv	BOBJ1	668.75	Before	Interior Girder 1	123.75	0.95	1	1	2.941454
SU7_serv	BOBJ1	668.75	Before	Interior Girder 2	123.75	0.95	1	1	2.941454
SU7_serv	BOBJ1	668.75	Before	Right Exterior Girder	123.75	0.95	1	1	3.299187
SU7_serv	BOBJ1	668.75	After	Left Exterior Girder	123.75	0.95	1	1	3.303768
SU7_serv	BOBJ1	668.75	After	Interior Girder 1	123.75	0.95	1	1	2.940597
SU7_serv	BOBJ1	668.75	After	Interior Girder 2	123.75	0.95	1	1	2.940597
SU7_serv	BOBJ1	668.75	After	Right Exterior Girder	123.75	0.95	1	1	3.303768
SU7_serv	BOBJ1	680	Before	Left Exterior Girder	135	0.95	1	1	3.029435
SU7_serv	BOBJ1	680	Before	Interior Girder 1	135	0.95	1	1	2.738157
SU7_serv	BOBJ1	680	Before	Interior Girder 2	135	0.95	1	1	2.738157
SU7_serv	BOBJ1	680	Before	Right Exterior Girder	135	0.95	1	1	3.029435
SU7_serv	BOBJ1	680	After	Left Exterior Girder	135	0.95	1	1	3.029967
SU7_serv	BOBJ1	680	After	Interior Girder 1	135	0.95	1	1	2.744944
SU7_serv	BOBJ1	680	After	Interior Girder 2	135	0.95	1	1	2.744944
SU7_serv	BOBJ1	680	After	Right Exterior Girder	135	0.95	1	1	3.029967
SU7_serv	BOBJ1	691.25	Before	Left Exterior Girder	146.25	0.95	1	1	2.978599
SU7_serv	BOBJ1	691.25	Before	Interior Girder 1	146.25	0.95	1	1	2.643999
SU7_serv	BOBJ1	691.25	Before	Interior Girder 2	146.25	0.95	1	1	2.643999
SU7_serv	BOBJ1	691.25	Before	Right Exterior Girder	146.25	0.95	1	1	2.978599
SU7_serv	BOBJ1	691.25	After	Left Exterior Girder	146.25	0.95	1	1	2.982133
SU7_serv	BOBJ1	691.25	After	Interior Girder 1	146.25	0.95	1	1	2.645167
SU7_serv	BOBJ1	691.25	After	Interior Girder 2	146.25	0.95	1	1	2.645167
SU7_serv	BOBJ1	691.25	After	Right Exterior Girder	146.25	0.95	1	1	2.982133
SU7_serv	BOBJ1	702.5	Before	Left Exterior Girder	157.5	0.95	1	1	3.103828
SU7_serv	BOBJ1	702.5	Before	Interior Girder 1	157.5	0.95	1	1	2.744741
SU7_serv	BOBJ1	702.5	Before	Interior Girder 2	157.5	0.95	1	1	2.744741
SU7_serv	BOBJ1	702.5	Before	Right Exterior Girder	157.5	0.95	1	1	3.103828
SU7_serv	BOBJ1	702.5	After	Left Exterior Girder	157.5	0.95	1	1	3.075055
SU7_serv	BOBJ1	702.5	After	Interior Girder 1	157.5	0.95	1	1	2.760431
SU7_serv	BOBJ1	702.5	After	Interior Girder 2	157.5	0.95	1	1	2.760431
SU7_serv	BOBJ1	702.5	After	Right Exterior Girder	157.5	0.95	1	1	3.075055
SU7_serv	BOBJ1	713.75	Before	Left Exterior Girder	168.75	0.95	1	1	3.480269
SU7_serv	BOBJ1	713.75	Before	Interior Girder 1	168.75	0.95	1	1	2.987024
SU7_serv	BOBJ1	713.75	Before	Interior Girder 2	168.75	0.95	1	1	2.987024
SU7_serv	BOBJ1	713.75	Before	Right Exterior Girder	168.75	0.95	1	1	3.480269
SU7_serv	BOBJ1	713.75	After	Left Exterior Girder	168.75	0.95	1	1	3.480451
SU7_serv	BOBJ1	713.75	After	Interior Girder 1	168.75	0.95	1	1	2.986906
SU7_serv	BOBJ1	713.75	After	Interior Girder 2	168.75	0.95	1	1	2.986906
SU7_serv	BOBJ1	713.75	After	Right Exterior Girder	168.75	0.95	1	1	3.480451
SU7_serv	BOBJ1	725	Before	Left Exterior Girder	180	0.95	1	1	4.236147
SU7_serv	BOBJ1	725	Before	Interior Girder 1	180	0.95	1	1	3.534711
SU7_serv	BOBJ1	725	Before	Interior Girder 2	180	0.95	1	1	3.534711
SU7_serv	BOBJ1	725	Before	Right Exterior Girder	180	0.95	1	1	4.236146
SU7_serv	BOBJ1	725	After	Left Exterior Girder	180	0.95	1	1	4.190235
SU7_serv	BOBJ1	725	After	Interior Girder 1	180	0.95	1	1	3.566912
SU7_serv	BOBJ1	725	After	Interior Girder 2	180	0.95	1	1	3.566912
SU7_serv	BOBJ1	725	After	Right Exterior Girder	180	0.95	1	1	4.190235
SU7_serv	BOBJ1	731.1726	Before	Left Exterior Girder	186.1726	0.95	1	1	4.896861
SU7_serv	BOBJ1	731.1726	Before	Interior Girder 1	186.1726	0.95	1	1	3.995642
SU7_serv	BOBJ1	731.1726	Before	Interior Girder 2	186.1726	0.95	1	1	3.995642
SU7_serv	BOBJ1	731.1726	Before	Right Exterior Girder	186.1726	0.95	1	1	4.896861
SU7_serv	BOBJ1	731.1726	After	Left Exterior Girder	186.1726	0.95	1	1	2.103457
SU7_serv	BOBJ1	731.1726	After	Interior Girder 1	186.1726	0.95	1	1	1.708462

TABLE: Bridge Super Rating AASHTORATE18 26 - SteelNonCompServ-Flx - Main Span Girders									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
SU7_serv	BOBJ1	731.1726	After	Interior Girder 2	186.1726	0.95	1	1	1.708462
SU7_serv	BOBJ1	731.1726	After	Right Exterior Girder	186.1726	0.95	1	1	2.103457
SU7_serv	BOBJ1	736.25	Before	Left Exterior Girder	191.25	0.95	1	1	2.5944
SU7_serv	BOBJ1	736.25	Before	Interior Girder 1	191.25	0.95	1	1	2.03144
SU7_serv	BOBJ1	736.25	Before	Interior Girder 2	191.25	0.95	1	1	2.03144
SU7_serv	BOBJ1	736.25	Before	Right Exterior Girder	191.25	0.95	1	1	2.5944
SU7_serv	BOBJ1	736.25	After	Left Exterior Girder	191.25	0.95	1	1	2.587696
SU7_serv	BOBJ1	736.25	After	Interior Girder 1	191.25	0.95	1	1	2.031538
SU7_serv	BOBJ1	736.25	After	Interior Girder 2	191.25	0.95	1	1	2.031538
SU7_serv	BOBJ1	736.25	After	Right Exterior Girder	191.25	0.95	1	1	2.587696
SU7_serv	BOBJ1	747.5	Before	Left Exterior Girder	202.5	0.95	1	1	4.533123
SU7_serv	BOBJ1	747.5	Before	Interior Girder 1	202.5	0.95	1	1	3.342792
SU7_serv	BOBJ1	747.5	Before	Interior Girder 2	202.5	0.95	1	1	3.342792
SU7_serv	BOBJ1	747.5	Before	Right Exterior Girder	202.5	0.95	1	1	4.533122
SU7_serv	BOBJ1	747.5	After	Left Exterior Girder	202.5	0.95	1	1	4.357729
SU7_serv	BOBJ1	747.5	After	Interior Girder 1	202.5	0.95	1	1	3.305393
SU7_serv	BOBJ1	747.5	After	Interior Girder 2	202.5	0.95	1	1	3.305393
SU7_serv	BOBJ1	747.5	After	Right Exterior Girder	202.5	0.95	1	1	4.357728
SU7_serv	BOBJ1	758.75	Before	Left Exterior Girder	213.75	0.95	1	1	10.40649
SU7_serv	BOBJ1	758.75	Before	Interior Girder 1	213.75	0.95	1	1	7.08792
SU7_serv	BOBJ1	758.75	Before	Interior Girder 2	213.75	0.95	1	1	7.08792
SU7_serv	BOBJ1	758.75	Before	Right Exterior Girder	213.75	0.95	1	1	10.406487
SU7_serv	BOBJ1	758.75	After	Left Exterior Girder	213.75	0.95	1	1	10.360849
SU7_serv	BOBJ1	758.75	After	Interior Girder 1	213.75	0.95	1	1	6.992843
SU7_serv	BOBJ1	758.75	After	Interior Girder 2	213.75	0.95	1	1	6.992843
SU7_serv	BOBJ1	758.75	After	Right Exterior Girder	213.75	0.95	1	1	10.360846
SU7_serv	BOBJ1	770	Before	Left Exterior Girder	225	0.95	1	1	208.614806
SU7_serv	BOBJ1	770	Before	Interior Girder 1	225	0.95	1	1	173.45132
SU7_serv	BOBJ1	770	Before	Interior Girder 2	225	0.95	1	1	173.450703
SU7_serv	BOBJ1	770	Before	Right Exterior Girder	225	0.95	1	1	208.615851
Type 3_serv	BOBJ1	0	After	Left Exterior Girder	0	0.95	1	1	322.694253
Type 3_serv	BOBJ1	0	After	Interior Girder 1	0	0.95	1	1	266.843608
Type 3_serv	BOBJ1	0	After	Interior Girder 2	0	0.95	1	1	266.843313
Type 3_serv	BOBJ1	0	After	Right Exterior Girder	0	0.95	1	1	322.694242
Type 3_serv	BOBJ1	11.25	Before	Left Exterior Girder	11.25	0.95	1	1	15.401484
Type 3_serv	BOBJ1	11.25	Before	Interior Girder 1	11.25	0.95	1	1	10.035726
Type 3_serv	BOBJ1	11.25	Before	Interior Girder 2	11.25	0.95	1	1	10.035727
Type 3_serv	BOBJ1	11.25	Before	Right Exterior Girder	11.25	0.95	1	1	15.401483
Type 3_serv	BOBJ1	11.25	After	Left Exterior Girder	11.25	0.95	1	1	15.440289
Type 3_serv	BOBJ1	11.25	After	Interior Girder 1	11.25	0.95	1	1	10.160284
Type 3_serv	BOBJ1	11.25	After	Interior Girder 2	11.25	0.95	1	1	10.160286
Type 3_serv	BOBJ1	11.25	After	Right Exterior Girder	11.25	0.95	1	1	15.440288
Type 3_serv	BOBJ1	22.5	Before	Left Exterior Girder	22.5	0.95	1	1	6.568213
Type 3_serv	BOBJ1	22.5	Before	Interior Girder 1	22.5	0.95	1	1	4.901351
Type 3_serv	BOBJ1	22.5	Before	Interior Girder 2	22.5	0.95	1	1	4.901351
Type 3_serv	BOBJ1	22.5	Before	Right Exterior Girder	22.5	0.95	1	1	6.568212
Type 3_serv	BOBJ1	22.5	After	Left Exterior Girder	22.5	0.95	1	1	6.845619
Type 3_serv	BOBJ1	22.5	After	Interior Girder 1	22.5	0.95	1	1	4.964054
Type 3_serv	BOBJ1	22.5	After	Interior Girder 2	22.5	0.95	1	1	4.964055
Type 3_serv	BOBJ1	22.5	After	Right Exterior Girder	22.5	0.95	1	1	6.845619
Type 3_serv	BOBJ1	33.75	Before	Left Exterior Girder	33.75	0.95	1	1	3.942116
Type 3_serv	BOBJ1	33.75	Before	Interior Girder 1	33.75	0.95	1	1	3.064493
Type 3_serv	BOBJ1	33.75	Before	Interior Girder 2	33.75	0.95	1	1	3.064493
Type 3_serv	BOBJ1	33.75	Before	Right Exterior Girder	33.75	0.95	1	1	3.942116
Type 3_serv	BOBJ1	33.75	After	Left Exterior Girder	33.75	0.95	1	1	3.953129
Type 3_serv	BOBJ1	33.75	After	Interior Girder 1	33.75	0.95	1	1	3.065347
Type 3_serv	BOBJ1	33.75	After	Interior Girder 2	33.75	0.95	1	1	3.065347
Type 3_serv	BOBJ1	33.75	After	Right Exterior Girder	33.75	0.95	1	1	3.953129
Type 3_serv	BOBJ1	38.8274	Before	Left Exterior Girder	38.8274	0.95	1	1	3.209221
Type 3_serv	BOBJ1	38.8274	Before	Interior Girder 1	38.8274	0.95	1	1	2.591731
Type 3_serv	BOBJ1	38.8274	Before	Interior Girder 2	38.8274	0.95	1	1	2.591731
Type 3_serv	BOBJ1	38.8274	Before	Right Exterior Girder	38.8274	0.95	1	1	3.209221
Type 3_serv	BOBJ1	38.8274	After	Left Exterior Girder	38.8274	0.95	1	1	7.473022
Type 3_serv	BOBJ1	38.8274	After	Interior Girder 1	38.8274	0.95	1	1	6.063748
Type 3_serv	BOBJ1	38.8274	After	Interior Girder 2	38.8274	0.95	1	1	6.063749
Type 3_serv	BOBJ1	38.8274	After	Right Exterior Girder	38.8274	0.95	1	1	7.473023
Type 3_serv	BOBJ1	45	Before	Left Exterior Girder	45	0.95	1	1	6.398492
Type 3_serv	BOBJ1	45	Before	Interior Girder 1	45	0.95	1	1	5.425247
Type 3_serv	BOBJ1	45	Before	Interior Girder 2	45	0.95	1	1	5.425247
Type 3_serv	BOBJ1	45	Before	Right Exterior Girder	45	0.95	1	1	6.398492

TABLE: Bridge Super Rating AASHTORATE18 26 - SteelINonCompServ-Flx - Main Span Girders									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Type 3_serv	BOBJ1	45	After	Left Exterior Girder	45	0.95	1	1	6.473989
Type 3_serv	BOBJ1	45	After	Interior Girder 1	45	0.95	1	1	5.373112
Type 3_serv	BOBJ1	45	After	Interior Girder 2	45	0.95	1	1	5.373112
Type 3_serv	BOBJ1	45	After	Right Exterior Girder	45	0.95	1	1	6.473989
Type 3_serv	BOBJ1	56.25	Before	Left Exterior Girder	56.25	0.95	1	1	5.332869
Type 3_serv	BOBJ1	56.25	Before	Interior Girder 1	56.25	0.95	1	1	4.539927
Type 3_serv	BOBJ1	56.25	Before	Interior Girder 2	56.25	0.95	1	1	4.539927
Type 3_serv	BOBJ1	56.25	Before	Right Exterior Girder	56.25	0.95	1	1	5.332869
Type 3_serv	BOBJ1	56.25	After	Left Exterior Girder	56.25	0.95	1	1	5.331766
Type 3_serv	BOBJ1	56.25	After	Interior Girder 1	56.25	0.95	1	1	4.537726
Type 3_serv	BOBJ1	56.25	After	Interior Girder 2	56.25	0.95	1	1	4.537725
Type 3_serv	BOBJ1	56.25	After	Right Exterior Girder	56.25	0.95	1	1	5.331767
Type 3_serv	BOBJ1	67.5	Before	Left Exterior Girder	67.5	0.95	1	1	4.714916
Type 3_serv	BOBJ1	67.5	Before	Interior Girder 1	67.5	0.95	1	1	4.196137
Type 3_serv	BOBJ1	67.5	Before	Interior Girder 2	67.5	0.95	1	1	4.196137
Type 3_serv	BOBJ1	67.5	Before	Right Exterior Girder	67.5	0.95	1	1	4.714917
Type 3_serv	BOBJ1	67.5	After	Left Exterior Girder	67.5	0.95	1	1	4.755923
Type 3_serv	BOBJ1	67.5	After	Interior Girder 1	67.5	0.95	1	1	4.17749
Type 3_serv	BOBJ1	67.5	After	Interior Girder 2	67.5	0.95	1	1	4.177489
Type 3_serv	BOBJ1	67.5	After	Right Exterior Girder	67.5	0.95	1	1	4.755924
Type 3_serv	BOBJ1	78.75	Before	Left Exterior Girder	78.75	0.95	1	1	4.576896
Type 3_serv	BOBJ1	78.75	Before	Interior Girder 1	78.75	0.95	1	1	4.030231
Type 3_serv	BOBJ1	78.75	Before	Interior Girder 2	78.75	0.95	1	1	4.03023
Type 3_serv	BOBJ1	78.75	Before	Right Exterior Girder	78.75	0.95	1	1	4.576896
Type 3_serv	BOBJ1	78.75	After	Left Exterior Girder	78.75	0.95	1	1	4.572322
Type 3_serv	BOBJ1	78.75	After	Interior Girder 1	78.75	0.95	1	1	4.031933
Type 3_serv	BOBJ1	78.75	After	Interior Girder 2	78.75	0.95	1	1	4.031932
Type 3_serv	BOBJ1	78.75	After	Right Exterior Girder	78.75	0.95	1	1	4.572322
Type 3_serv	BOBJ1	90	Before	Left Exterior Girder	90	0.95	1	1	4.655103
Type 3_serv	BOBJ1	90	Before	Interior Girder 1	90	0.95	1	1	4.196616
Type 3_serv	BOBJ1	90	Before	Interior Girder 2	90	0.95	1	1	4.196615
Type 3_serv	BOBJ1	90	Before	Right Exterior Girder	90	0.95	1	1	4.655103
Type 3_serv	BOBJ1	90	After	Left Exterior Girder	90	0.95	1	1	4.657355
Type 3_serv	BOBJ1	90	After	Interior Girder 1	90	0.95	1	1	4.188259
Type 3_serv	BOBJ1	90	After	Interior Girder 2	90	0.95	1	1	4.188258
Type 3_serv	BOBJ1	90	After	Right Exterior Girder	90	0.95	1	1	4.657355
Type 3_serv	BOBJ1	101.25	Before	Left Exterior Girder	101.25	0.95	1	1	5.076901
Type 3_serv	BOBJ1	101.25	Before	Interior Girder 1	101.25	0.95	1	1	4.490989
Type 3_serv	BOBJ1	101.25	Before	Interior Girder 2	101.25	0.95	1	1	4.490989
Type 3_serv	BOBJ1	101.25	Before	Right Exterior Girder	101.25	0.95	1	1	5.076901
Type 3_serv	BOBJ1	101.25	After	Left Exterior Girder	101.25	0.95	1	1	5.070444
Type 3_serv	BOBJ1	101.25	After	Interior Girder 1	101.25	0.95	1	1	4.488485
Type 3_serv	BOBJ1	101.25	After	Interior Girder 2	101.25	0.95	1	1	4.488485
Type 3_serv	BOBJ1	101.25	After	Right Exterior Girder	101.25	0.95	1	1	5.070444
Type 3_serv	BOBJ1	112.5	Before	Left Exterior Girder	112.5	0.95	1	1	5.760054
Type 3_serv	BOBJ1	112.5	Before	Interior Girder 1	112.5	0.95	1	1	5.120595
Type 3_serv	BOBJ1	112.5	Before	Interior Girder 2	112.5	0.95	1	1	5.120595
Type 3_serv	BOBJ1	112.5	Before	Right Exterior Girder	112.5	0.95	1	1	5.760054
Type 3_serv	BOBJ1	112.5	After	Left Exterior Girder	112.5	0.95	1	1	5.725622
Type 3_serv	BOBJ1	112.5	After	Interior Girder 1	112.5	0.95	1	1	5.116343
Type 3_serv	BOBJ1	112.5	After	Interior Girder 2	112.5	0.95	1	1	5.116344
Type 3_serv	BOBJ1	112.5	After	Right Exterior Girder	112.5	0.95	1	1	5.725622
Type 3_serv	BOBJ1	123.75	Before	Left Exterior Girder	123.75	0.95	1	1	6.903317
Type 3_serv	BOBJ1	123.75	Before	Interior Girder 1	123.75	0.95	1	1	6.001105
Type 3_serv	BOBJ1	123.75	Before	Interior Girder 2	123.75	0.95	1	1	6.001105
Type 3_serv	BOBJ1	123.75	Before	Right Exterior Girder	123.75	0.95	1	1	6.903317
Type 3_serv	BOBJ1	123.75	After	Left Exterior Girder	123.75	0.95	1	1	6.908209
Type 3_serv	BOBJ1	123.75	After	Interior Girder 1	123.75	0.95	1	1	5.998972
Type 3_serv	BOBJ1	123.75	After	Interior Girder 2	123.75	0.95	1	1	5.998972
Type 3_serv	BOBJ1	123.75	After	Right Exterior Girder	123.75	0.95	1	1	6.908209
Type 3_serv	BOBJ1	126.4381	Before	Left Exterior Girder	126.4381	0.95	1	1	7.260156
Type 3_serv	BOBJ1	126.4381	Before	Interior Girder 1	126.4381	0.95	1	1	6.280005
Type 3_serv	BOBJ1	126.4381	Before	Interior Girder 2	126.4381	0.95	1	1	6.280005
Type 3_serv	BOBJ1	126.4381	Before	Right Exterior Girder	126.4381	0.95	1	1	7.260156
Type 3_serv	BOBJ1	126.4381	After	Left Exterior Girder	126.4381	0.95	1	1	3.836693
Type 3_serv	BOBJ1	126.4381	After	Interior Girder 1	126.4381	0.95	1	1	3.32393
Type 3_serv	BOBJ1	126.4381	After	Interior Girder 2	126.4381	0.95	1	1	3.32393
Type 3_serv	BOBJ1	126.4381	After	Right Exterior Girder	126.4381	0.95	1	1	3.836693
Type 3_serv	BOBJ1	135	Before	Left Exterior Girder	135	0.95	1	1	4.904601
Type 3_serv	BOBJ1	135	Before	Interior Girder 1	135	0.95	1	1	4.205013

TABLE: Bridge Super Rating AASHTORATE18 26 - SteelINonCompServ-Flx - Main Span Girders									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Type 3_serv	BOBJ1	135	Before	Interior Girder 2	135	0.95	1	1	4.205013
Type 3_serv	BOBJ1	135	Before	Right Exterior Girder	135	0.95	1	1	4.904601
Type 3_serv	BOBJ1	135	After	Left Exterior Girder	135	0.95	1	1	4.821851
Type 3_serv	BOBJ1	135	After	Interior Girder 1	135	0.95	1	1	4.185894
Type 3_serv	BOBJ1	135	After	Interior Girder 2	135	0.95	1	1	4.185894
Type 3_serv	BOBJ1	135	After	Right Exterior Girder	135	0.95	1	1	4.821851
Type 3_serv	BOBJ1	146.25	Before	Left Exterior Girder	146.25	0.95	1	1	6.897232
Type 3_serv	BOBJ1	146.25	Before	Interior Girder 1	146.25	0.95	1	1	5.698826
Type 3_serv	BOBJ1	146.25	Before	Interior Girder 2	146.25	0.95	1	1	5.698825
Type 3_serv	BOBJ1	146.25	Before	Right Exterior Girder	146.25	0.95	1	1	6.897232
Type 3_serv	BOBJ1	146.25	After	Left Exterior Girder	146.25	0.95	1	1	6.893694
Type 3_serv	BOBJ1	146.25	After	Interior Girder 1	146.25	0.95	1	1	5.704318
Type 3_serv	BOBJ1	146.25	After	Interior Girder 2	146.25	0.95	1	1	5.704318
Type 3_serv	BOBJ1	146.25	After	Right Exterior Girder	146.25	0.95	1	1	6.893695
Type 3_serv	BOBJ1	157.5	Before	Left Exterior Girder	157.5	0.95	1	1	7.566678
Type 3_serv	BOBJ1	157.5	Before	Interior Girder 1	157.5	0.95	1	1	7.535101
Type 3_serv	BOBJ1	157.5	Before	Interior Girder 2	157.5	0.95	1	1	7.5351
Type 3_serv	BOBJ1	157.5	Before	Right Exterior Girder	157.5	0.95	1	1	7.566678
Type 3_serv	BOBJ1	157.5	After	Left Exterior Girder	157.5	0.95	1	1	7.63308
Type 3_serv	BOBJ1	157.5	After	Interior Girder 1	157.5	0.95	1	1	7.57515
Type 3_serv	BOBJ1	157.5	After	Interior Girder 2	157.5	0.95	1	1	7.57515
Type 3_serv	BOBJ1	157.5	After	Right Exterior Girder	157.5	0.95	1	1	7.63308
Type 3_serv	BOBJ1	168.2522	Before	Left Exterior Girder	168.2522	0.95	1	1	4.747502
Type 3_serv	BOBJ1	168.2522	Before	Interior Girder 1	168.2522	0.95	1	1	4.660607
Type 3_serv	BOBJ1	168.2522	Before	Interior Girder 2	168.2522	0.95	1	1	4.660607
Type 3_serv	BOBJ1	168.2522	Before	Right Exterior Girder	168.2522	0.95	1	1	4.747502
Type 3_serv	BOBJ1	168.2522	After	Left Exterior Girder	168.2522	0.95	1	1	11.937255
Type 3_serv	BOBJ1	168.2522	After	Interior Girder 1	168.2522	0.95	1	1	11.630047
Type 3_serv	BOBJ1	168.2522	After	Interior Girder 2	168.2522	0.95	1	1	11.630046
Type 3_serv	BOBJ1	168.2522	After	Right Exterior Girder	168.2522	0.95	1	1	11.937255
Type 3_serv	BOBJ1	168.75	Before	Left Exterior Girder	168.75	0.95	1	1	11.778582
Type 3_serv	BOBJ1	168.75	Before	Interior Girder 1	168.75	0.95	1	1	11.482946
Type 3_serv	BOBJ1	168.75	Before	Interior Girder 2	168.75	0.95	1	1	11.482946
Type 3_serv	BOBJ1	168.75	Before	Right Exterior Girder	168.75	0.95	1	1	11.778582
Type 3_serv	BOBJ1	168.75	After	Left Exterior Girder	168.75	0.95	1	1	11.794506
Type 3_serv	BOBJ1	168.75	After	Interior Girder 1	168.75	0.95	1	1	11.468878
Type 3_serv	BOBJ1	168.75	After	Interior Girder 2	168.75	0.95	1	1	11.468878
Type 3_serv	BOBJ1	168.75	After	Right Exterior Girder	168.75	0.95	1	1	11.794507
Type 3_serv	BOBJ1	180	Before	Left Exterior Girder	180	0.95	1	1	8.434627
Type 3_serv	BOBJ1	180	Before	Interior Girder 1	180	0.95	1	1	8.08616
Type 3_serv	BOBJ1	180	Before	Interior Girder 2	180	0.95	1	1	8.08616
Type 3_serv	BOBJ1	180	Before	Right Exterior Girder	180	0.95	1	1	8.434627
Type 3_serv	BOBJ1	180	After	Left Exterior Girder	180	0.95	1	1	8.394605
Type 3_serv	BOBJ1	180	After	Interior Girder 1	180	0.95	1	1	8.06041
Type 3_serv	BOBJ1	180	After	Interior Girder 2	180	0.95	1	1	8.06041
Type 3_serv	BOBJ1	180	After	Right Exterior Girder	180	0.95	1	1	8.394605
Type 3_serv	BOBJ1	183.1858	Before	Left Exterior Girder	183.1858	0.95	1	1	7.460302
Type 3_serv	BOBJ1	183.1858	Before	Interior Girder 1	183.1858	0.95	1	1	7.12693
Type 3_serv	BOBJ1	183.1858	Before	Interior Girder 2	183.1858	0.95	1	1	7.12693
Type 3_serv	BOBJ1	183.1858	Before	Right Exterior Girder	183.1858	0.95	1	1	7.460303
Type 3_serv	BOBJ1	183.1858	After	Left Exterior Girder	183.1858	0.95	1	1	15.617715
Type 3_serv	BOBJ1	183.1858	After	Interior Girder 1	183.1858	0.95	1	1	14.866575
Type 3_serv	BOBJ1	183.1858	After	Interior Girder 2	183.1858	0.95	1	1	14.866575
Type 3_serv	BOBJ1	183.1858	After	Right Exterior Girder	183.1858	0.95	1	1	15.617715
Type 3_serv	BOBJ1	191.25	Before	Left Exterior Girder	191.25	0.95	1	1	12.972895
Type 3_serv	BOBJ1	191.25	Before	Interior Girder 1	191.25	0.95	1	1	12.144443
Type 3_serv	BOBJ1	191.25	Before	Interior Girder 2	191.25	0.95	1	1	12.144443
Type 3_serv	BOBJ1	191.25	Before	Right Exterior Girder	191.25	0.95	1	1	12.972895
Type 3_serv	BOBJ1	191.25	After	Left Exterior Girder	191.25	0.95	1	1	13.00097
Type 3_serv	BOBJ1	191.25	After	Interior Girder 1	191.25	0.95	1	1	12.125697
Type 3_serv	BOBJ1	191.25	After	Interior Girder 2	191.25	0.95	1	1	12.125697
Type 3_serv	BOBJ1	191.25	After	Right Exterior Girder	191.25	0.95	1	1	13.000971
Type 3_serv	BOBJ1	199.9414	Before	Left Exterior Girder	199.9414	0.95	1	1	10.069351
Type 3_serv	BOBJ1	199.9414	Before	Interior Girder 1	199.9414	0.95	1	1	9.31468
Type 3_serv	BOBJ1	199.9414	Before	Interior Girder 2	199.9414	0.95	1	1	9.31468
Type 3_serv	BOBJ1	199.9414	Before	Right Exterior Girder	199.9414	0.95	1	1	10.069351
Type 3_serv	BOBJ1	199.9414	After	Left Exterior Girder	199.9414	0.95	1	1	16.470888
Type 3_serv	BOBJ1	199.9414	After	Interior Girder 1	199.9414	0.95	1	1	15.206378
Type 3_serv	BOBJ1	199.9414	After	Interior Girder 2	199.9414	0.95	1	1	15.206378
Type 3_serv	BOBJ1	199.9414	After	Right Exterior Girder	199.9414	0.95	1	1	16.470888

TABLE: Bridge Super Rating AASHTORATE18 26 - SteelINonCompServ-Flx - Main Span Girders									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Type 3_serv	BOBJ1	202.5	Before	Left Exterior Girder	202.5	0.95	1	1	15.157853
Type 3_serv	BOBJ1	202.5	Before	Interior Girder 1	202.5	0.95	1	1	14.300948
Type 3_serv	BOBJ1	202.5	Before	Interior Girder 2	202.5	0.95	1	1	14.300949
Type 3_serv	BOBJ1	202.5	Before	Right Exterior Girder	202.5	0.95	1	1	15.157853
Type 3_serv	BOBJ1	202.5	After	Left Exterior Girder	202.5	0.95	1	1	15.552123
Type 3_serv	BOBJ1	202.5	After	Interior Girder 1	202.5	0.95	1	1	14.323191
Type 3_serv	BOBJ1	202.5	After	Interior Girder 2	202.5	0.95	1	1	14.323192
Type 3_serv	BOBJ1	202.5	After	Right Exterior Girder	202.5	0.95	1	1	15.552123
Type 3_serv	BOBJ1	210.5642	Before	Left Exterior Girder	210.5642	0.95	1	1	11.675893
Type 3_serv	BOBJ1	210.5642	Before	Interior Girder 1	210.5642	0.95	1	1	11.181493
Type 3_serv	BOBJ1	210.5642	Before	Interior Girder 2	210.5642	0.95	1	1	11.181493
Type 3_serv	BOBJ1	210.5642	Before	Right Exterior Girder	210.5642	0.95	1	1	11.675893
Type 3_serv	BOBJ1	210.5642	After	Left Exterior Girder	210.5642	0.95	1	1	17.258816
Type 3_serv	BOBJ1	210.5642	After	Interior Girder 1	210.5642	0.95	1	1	16.546701
Type 3_serv	BOBJ1	210.5642	After	Interior Girder 2	210.5642	0.95	1	1	16.546701
Type 3_serv	BOBJ1	210.5642	After	Right Exterior Girder	210.5642	0.95	1	1	17.258816
Type 3_serv	BOBJ1	213.75	Before	Left Exterior Girder	213.75	0.95	1	1	15.517265
Type 3_serv	BOBJ1	213.75	Before	Interior Girder 1	213.75	0.95	1	1	14.67022
Type 3_serv	BOBJ1	213.75	Before	Interior Girder 2	213.75	0.95	1	1	14.67022
Type 3_serv	BOBJ1	213.75	Before	Right Exterior Girder	213.75	0.95	1	1	15.517265
Type 3_serv	BOBJ1	213.75	After	Left Exterior Girder	213.75	0.95	1	1	15.498301
Type 3_serv	BOBJ1	213.75	After	Interior Girder 1	213.75	0.95	1	1	14.644759
Type 3_serv	BOBJ1	213.75	After	Interior Girder 2	213.75	0.95	1	1	14.644759
Type 3_serv	BOBJ1	213.75	After	Right Exterior Girder	213.75	0.95	1	1	15.498301
Type 3_serv	BOBJ1	225	Before	Left Exterior Girder	225	0.95	1	1	9.840978
Type 3_serv	BOBJ1	225	Before	Interior Girder 1	225	0.95	1	1	8.918208
Type 3_serv	BOBJ1	225	Before	Interior Girder 2	225	0.95	1	1	8.918207
Type 3_serv	BOBJ1	225	Before	Right Exterior Girder	225	0.95	1	1	9.840978
Type 3_serv	BOBJ1	225	After	Left Exterior Girder	0	0.95	1	1	9.370937
Type 3_serv	BOBJ1	225	After	Interior Girder 1	0	0.95	1	1	8.658823
Type 3_serv	BOBJ1	225	After	Interior Girder 2	0	0.95	1	1	8.658823
Type 3_serv	BOBJ1	225	After	Right Exterior Girder	0	0.95	1	1	9.370937
Type 3_serv	BOBJ1	236.45	Before	Left Exterior Girder	11.45	0.95	1	1	15.657903
Type 3_serv	BOBJ1	236.45	Before	Interior Girder 1	11.45	0.95	1	1	15.584607
Type 3_serv	BOBJ1	236.45	Before	Interior Girder 2	11.45	0.95	1	1	15.584608
Type 3_serv	BOBJ1	236.45	Before	Right Exterior Girder	11.45	0.95	1	1	15.657903
Type 3_serv	BOBJ1	236.45	After	Left Exterior Girder	11.45	0.95	1	1	15.690093
Type 3_serv	BOBJ1	236.45	After	Interior Girder 1	11.45	0.95	1	1	15.593178
Type 3_serv	BOBJ1	236.45	After	Interior Girder 2	11.45	0.95	1	1	15.593179
Type 3_serv	BOBJ1	236.45	After	Right Exterior Girder	11.45	0.95	1	1	15.690093
Type 3_serv	BOBJ1	239.5082	Before	Left Exterior Girder	14.5082	0.95	1	1	17.827312
Type 3_serv	BOBJ1	239.5082	Before	Interior Girder 1	14.5082	0.95	1	1	17.812307
Type 3_serv	BOBJ1	239.5082	Before	Interior Girder 2	14.5082	0.95	1	1	17.812308
Type 3_serv	BOBJ1	239.5082	Before	Right Exterior Girder	14.5082	0.95	1	1	17.827311
Type 3_serv	BOBJ1	239.5082	After	Left Exterior Girder	14.5082	0.95	1	1	12.132689
Type 3_serv	BOBJ1	239.5082	After	Interior Girder 1	14.5082	0.95	1	1	12.131846
Type 3_serv	BOBJ1	239.5082	After	Interior Girder 2	14.5082	0.95	1	1	12.131847
Type 3_serv	BOBJ1	239.5082	After	Right Exterior Girder	14.5082	0.95	1	1	12.132688
Type 3_serv	BOBJ1	247.9	Before	Left Exterior Girder	22.9	0.95	1	1	17.788437
Type 3_serv	BOBJ1	247.9	Before	Interior Girder 1	22.9	0.95	1	1	17.57731
Type 3_serv	BOBJ1	247.9	Before	Interior Girder 2	22.9	0.95	1	1	17.577309
Type 3_serv	BOBJ1	247.9	Before	Right Exterior Girder	22.9	0.95	1	1	17.788437
Type 3_serv	BOBJ1	247.9	After	Left Exterior Girder	22.9	0.95	1	1	17.366415
Type 3_serv	BOBJ1	247.9	After	Interior Girder 1	22.9	0.95	1	1	17.596746
Type 3_serv	BOBJ1	247.9	After	Interior Girder 2	22.9	0.95	1	1	17.596746
Type 3_serv	BOBJ1	247.9	After	Right Exterior Girder	22.9	0.95	1	1	17.366415
Type 3_serv	BOBJ1	258.5189	Before	Left Exterior Girder	33.5189	0.95	1	1	24.085331
Type 3_serv	BOBJ1	258.5189	Before	Interior Girder 1	33.5189	0.95	1	1	22.487336
Type 3_serv	BOBJ1	258.5189	Before	Interior Girder 2	33.5189	0.95	1	1	22.487336
Type 3_serv	BOBJ1	258.5189	Before	Right Exterior Girder	33.5189	0.95	1	1	24.085331
Type 3_serv	BOBJ1	258.5189	After	Left Exterior Girder	33.5189	0.95	1	1	16.722123
Type 3_serv	BOBJ1	258.5189	After	Interior Girder 1	33.5189	0.95	1	1	15.445225
Type 3_serv	BOBJ1	258.5189	After	Interior Girder 2	33.5189	0.95	1	1	15.445225
Type 3_serv	BOBJ1	258.5189	After	Right Exterior Girder	33.5189	0.95	1	1	16.722123
Type 3_serv	BOBJ1	259.3	Before	Left Exterior Girder	34.3	0.95	1	1	17.065466
Type 3_serv	BOBJ1	259.3	Before	Interior Girder 1	34.3	0.95	1	1	15.781848
Type 3_serv	BOBJ1	259.3	Before	Interior Girder 2	34.3	0.95	1	1	15.781848
Type 3_serv	BOBJ1	259.3	Before	Right Exterior Girder	34.3	0.95	1	1	17.065466
Type 3_serv	BOBJ1	259.3	After	Left Exterior Girder	34.3	0.95	1	1	17.057375
Type 3_serv	BOBJ1	259.3	After	Interior Girder 1	34.3	0.95	1	1	15.788842

TABLE: Bridge Super Rating AASHTORATE18 26 - SteelINonCompServ-Flx - Main Span Girders									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Type 3_serv	BOBJ1	259.3	After	Interior Girder 2	34.3	0.95	1	1	15.788842
Type 3_serv	BOBJ1	259.3	After	Right Exterior Girder	34.3	0.95	1	1	17.057375
Type 3_serv	BOBJ1	266.1031	Before	Left Exterior Girder	41.1031	0.95	1	1	19.956961
Type 3_serv	BOBJ1	266.1031	Before	Interior Girder 1	41.1031	0.95	1	1	18.771303
Type 3_serv	BOBJ1	266.1031	Before	Interior Girder 2	41.1031	0.95	1	1	18.771303
Type 3_serv	BOBJ1	266.1031	Before	Right Exterior Girder	41.1031	0.95	1	1	19.956961
Type 3_serv	BOBJ1	266.1031	After	Left Exterior Girder	41.1031	0.95	1	1	10.707656
Type 3_serv	BOBJ1	266.1031	After	Interior Girder 1	41.1031	0.95	1	1	10.078477
Type 3_serv	BOBJ1	266.1031	After	Interior Girder 2	41.1031	0.95	1	1	10.078477
Type 3_serv	BOBJ1	266.1031	After	Right Exterior Girder	41.1031	0.95	1	1	10.707656
Type 3_serv	BOBJ1	270.7	Before	Left Exterior Girder	45.7	0.95	1	1	12.52278
Type 3_serv	BOBJ1	270.7	Before	Interior Girder 1	45.7	0.95	1	1	11.911731
Type 3_serv	BOBJ1	270.7	Before	Interior Girder 2	45.7	0.95	1	1	11.911731
Type 3_serv	BOBJ1	270.7	Before	Right Exterior Girder	45.7	0.95	1	1	12.52278
Type 3_serv	BOBJ1	270.7	After	Left Exterior Girder	45.7	0.95	1	1	12.612406
Type 3_serv	BOBJ1	270.7	After	Interior Girder 1	45.7	0.95	1	1	11.981909
Type 3_serv	BOBJ1	270.7	After	Interior Girder 2	45.7	0.95	1	1	11.981909
Type 3_serv	BOBJ1	270.7	After	Right Exterior Girder	45.7	0.95	1	1	12.612406
Type 3_serv	BOBJ1	273.6874	Before	Left Exterior Girder	48.6874	0.95	1	1	13.81733
Type 3_serv	BOBJ1	273.6874	Before	Interior Girder 1	48.6874	0.95	1	1	13.179924
Type 3_serv	BOBJ1	273.6874	Before	Interior Girder 2	48.6874	0.95	1	1	13.179924
Type 3_serv	BOBJ1	273.6874	Before	Right Exterior Girder	48.6874	0.95	1	1	13.81733
Type 3_serv	BOBJ1	273.6874	After	Left Exterior Girder	48.6874	0.95	1	1	5.947813
Type 3_serv	BOBJ1	273.6874	After	Interior Girder 1	48.6874	0.95	1	1	5.713747
Type 3_serv	BOBJ1	273.6874	After	Interior Girder 2	48.6874	0.95	1	1	5.713747
Type 3_serv	BOBJ1	273.6874	After	Right Exterior Girder	48.6874	0.95	1	1	5.947812
Type 3_serv	BOBJ1	282.15	Before	Left Exterior Girder	57.15	0.95	1	1	9.11545
Type 3_serv	BOBJ1	282.15	Before	Interior Girder 1	57.15	0.95	1	1	8.827479
Type 3_serv	BOBJ1	282.15	Before	Interior Girder 2	57.15	0.95	1	1	8.827479
Type 3_serv	BOBJ1	282.15	Before	Right Exterior Girder	57.15	0.95	1	1	9.11545
Type 3_serv	BOBJ1	282.15	After	Left Exterior Girder	57.15	0.95	1	1	9.102436
Type 3_serv	BOBJ1	282.15	After	Interior Girder 1	57.15	0.95	1	1	8.853105
Type 3_serv	BOBJ1	282.15	After	Interior Girder 2	57.15	0.95	1	1	8.853105
Type 3_serv	BOBJ1	282.15	After	Right Exterior Girder	57.15	0.95	1	1	9.102436
Type 3_serv	BOBJ1	293.6	Before	Left Exterior Girder	68.6	0.95	1	1	6.748011
Type 3_serv	BOBJ1	293.6	Before	Interior Girder 1	68.6	0.95	1	1	5.335005
Type 3_serv	BOBJ1	293.6	Before	Interior Girder 2	68.6	0.95	1	1	5.335005
Type 3_serv	BOBJ1	293.6	Before	Right Exterior Girder	68.6	0.95	1	1	6.748011
Type 3_serv	BOBJ1	293.6	After	Left Exterior Girder	68.6	0.95	1	1	6.96607
Type 3_serv	BOBJ1	293.6	After	Interior Girder 1	68.6	0.95	1	1	5.430966
Type 3_serv	BOBJ1	293.6	After	Interior Girder 2	68.6	0.95	1	1	5.430966
Type 3_serv	BOBJ1	293.6	After	Right Exterior Girder	68.6	0.95	1	1	6.96607
Type 3_serv	BOBJ1	305	Before	Left Exterior Girder	80	0.95	1	1	3.790198
Type 3_serv	BOBJ1	305	Before	Interior Girder 1	80	0.95	1	1	3.027667
Type 3_serv	BOBJ1	305	Before	Interior Girder 2	80	0.95	1	1	3.027667
Type 3_serv	BOBJ1	305	Before	Right Exterior Girder	80	0.95	1	1	3.790198
Type 3_serv	BOBJ1	305	After	Left Exterior Girder	80	0.95	1	1	3.787808
Type 3_serv	BOBJ1	305	After	Interior Girder 1	80	0.95	1	1	3.026133
Type 3_serv	BOBJ1	305	After	Interior Girder 2	80	0.95	1	1	3.026133
Type 3_serv	BOBJ1	305	After	Right Exterior Girder	80	0.95	1	1	3.787808
Type 3_serv	BOBJ1	306.9561	Before	Left Exterior Girder	81.9561	0.95	1	1	3.360672
Type 3_serv	BOBJ1	306.9561	Before	Interior Girder 1	81.9561	0.95	1	1	2.712819
Type 3_serv	BOBJ1	306.9561	Before	Interior Girder 2	81.9561	0.95	1	1	2.712819
Type 3_serv	BOBJ1	306.9561	Before	Right Exterior Girder	81.9561	0.95	1	1	3.360672
Type 3_serv	BOBJ1	306.9561	After	Left Exterior Girder	81.9561	0.95	1	1	8.789768
Type 3_serv	BOBJ1	306.9561	After	Interior Girder 1	81.9561	0.95	1	1	7.181927
Type 3_serv	BOBJ1	306.9561	After	Interior Girder 2	81.9561	0.95	1	1	7.181927
Type 3_serv	BOBJ1	306.9561	After	Right Exterior Girder	81.9561	0.95	1	1	8.789768
Type 3_serv	BOBJ1	316.4	Before	Left Exterior Girder	91.4	0.95	1	1	6.467612
Type 3_serv	BOBJ1	316.4	Before	Interior Girder 1	91.4	0.95	1	1	5.489024
Type 3_serv	BOBJ1	316.4	Before	Interior Girder 2	91.4	0.95	1	1	5.489024
Type 3_serv	BOBJ1	316.4	Before	Right Exterior Girder	91.4	0.95	1	1	6.467612
Type 3_serv	BOBJ1	316.4	After	Left Exterior Girder	91.4	0.95	1	1	6.545481
Type 3_serv	BOBJ1	316.4	After	Interior Girder 1	91.4	0.95	1	1	5.483668
Type 3_serv	BOBJ1	316.4	After	Interior Girder 2	91.4	0.95	1	1	5.483669
Type 3_serv	BOBJ1	316.4	After	Right Exterior Girder	91.4	0.95	1	1	6.54548
Type 3_serv	BOBJ1	327.85	Before	Left Exterior Girder	102.9679	0.95	1	1	4.701624
Type 3_serv	BOBJ1	327.85	Before	Interior Girder 1	102.9679	0.95	1	1	3.960398
Type 3_serv	BOBJ1	327.85	Before	Interior Girder 2	102.9679	0.95	1	1	3.960398
Type 3_serv	BOBJ1	327.85	Before	Right Exterior Girder	102.9679	0.95	1	1	4.701624

TABLE: Bridge Super Rating AASHTORATE18 26 - SteelINonCompServ-Flx - Main Span Girders									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Type 3_serv	BOBJ1	327.85	After	Left Exterior Girder	102.9679	0.95	1	1	9.073817
Type 3_serv	BOBJ1	327.85	After	Interior Girder 1	102.9679	0.95	1	1	7.784563
Type 3_serv	BOBJ1	327.85	After	Interior Girder 2	102.9679	0.95	1	1	7.784563
Type 3_serv	BOBJ1	327.85	After	Right Exterior Girder	102.9679	0.95	1	1	9.073817
Type 3_serv	BOBJ1	339.3	Before	Left Exterior Girder	114.3	0.95	1	1	7.392995
Type 3_serv	BOBJ1	339.3	Before	Interior Girder 1	114.3	0.95	1	1	6.512298
Type 3_serv	BOBJ1	339.3	Before	Interior Girder 2	114.3	0.95	1	1	6.512298
Type 3_serv	BOBJ1	339.3	Before	Right Exterior Girder	114.3	0.95	1	1	7.392995
Type 3_serv	BOBJ1	339.3	After	Left Exterior Girder	114.3	0.95	1	1	7.435794
Type 3_serv	BOBJ1	339.3	After	Interior Girder 1	114.3	0.95	1	1	6.520495
Type 3_serv	BOBJ1	339.3	After	Interior Girder 2	114.3	0.95	1	1	6.520495
Type 3_serv	BOBJ1	339.3	After	Right Exterior Girder	114.3	0.95	1	1	7.435794
Type 3_serv	BOBJ1	350.7	Before	Left Exterior Girder	125.7	0.95	1	1	6.386305
Type 3_serv	BOBJ1	350.7	Before	Interior Girder 1	125.7	0.95	1	1	5.580693
Type 3_serv	BOBJ1	350.7	Before	Interior Girder 2	125.7	0.95	1	1	5.580693
Type 3_serv	BOBJ1	350.7	Before	Right Exterior Girder	125.7	0.95	1	1	6.386306
Type 3_serv	BOBJ1	350.7	After	Left Exterior Girder	125.7	0.95	1	1	6.378981
Type 3_serv	BOBJ1	350.7	After	Interior Girder 1	125.7	0.95	1	1	5.588855
Type 3_serv	BOBJ1	350.7	After	Interior Girder 2	125.7	0.95	1	1	5.588855
Type 3_serv	BOBJ1	350.7	After	Right Exterior Girder	125.7	0.95	1	1	6.378981
Type 3_serv	BOBJ1	362.1	Before	Left Exterior Girder	137.1	0.95	1	1	5.655799
Type 3_serv	BOBJ1	362.1	Before	Interior Girder 1	137.1	0.95	1	1	5.041205
Type 3_serv	BOBJ1	362.1	Before	Interior Girder 2	137.1	0.95	1	1	5.041205
Type 3_serv	BOBJ1	362.1	Before	Right Exterior Girder	137.1	0.95	1	1	5.655799
Type 3_serv	BOBJ1	362.1	After	Left Exterior Girder	137.1	0.95	1	1	5.677491
Type 3_serv	BOBJ1	362.1	After	Interior Girder 1	137.1	0.95	1	1	5.052672
Type 3_serv	BOBJ1	362.1	After	Interior Girder 2	137.1	0.95	1	1	5.052672
Type 3_serv	BOBJ1	362.1	After	Right Exterior Girder	137.1	0.95	1	1	5.677491
Type 3_serv	BOBJ1	373.55	Before	Left Exterior Girder	148.55	0.95	1	1	5.315736
Type 3_serv	BOBJ1	373.55	Before	Interior Girder 1	148.55	0.95	1	1	4.696624
Type 3_serv	BOBJ1	373.55	Before	Interior Girder 2	148.55	0.95	1	1	4.696624
Type 3_serv	BOBJ1	373.55	Before	Right Exterior Girder	148.55	0.95	1	1	5.315736
Type 3_serv	BOBJ1	373.55	After	Left Exterior Girder	148.55	0.95	1	1	5.310424
Type 3_serv	BOBJ1	373.55	After	Interior Girder 1	148.55	0.95	1	1	4.701504
Type 3_serv	BOBJ1	373.55	After	Interior Girder 2	148.55	0.95	1	1	4.701504
Type 3_serv	BOBJ1	373.55	After	Right Exterior Girder	148.55	0.95	1	1	5.310424
Type 3_serv	BOBJ1	385	Before	Left Exterior Girder	160	0.95	1	1	5.166111
Type 3_serv	BOBJ1	385	Before	Interior Girder 1	160	0.95	1	1	4.619688
Type 3_serv	BOBJ1	385	Before	Interior Girder 2	160	0.95	1	1	4.619688
Type 3_serv	BOBJ1	385	Before	Right Exterior Girder	160	0.95	1	1	5.16611
Type 3_serv	BOBJ1	385	After	Left Exterior Girder	160	0.95	1	1	5.16611
Type 3_serv	BOBJ1	385	After	Interior Girder 1	160	0.95	1	1	4.619688
Type 3_serv	BOBJ1	385	After	Interior Girder 2	160	0.95	1	1	4.619688
Type 3_serv	BOBJ1	385	After	Right Exterior Girder	160	0.95	1	1	5.166111
Type 3_serv	BOBJ1	396.45	Before	Left Exterior Girder	171.45	0.95	1	1	5.310424
Type 3_serv	BOBJ1	396.45	Before	Interior Girder 1	171.45	0.95	1	1	4.701504
Type 3_serv	BOBJ1	396.45	Before	Interior Girder 2	171.45	0.95	1	1	4.701504
Type 3_serv	BOBJ1	396.45	Before	Right Exterior Girder	171.45	0.95	1	1	5.310424
Type 3_serv	BOBJ1	396.45	After	Left Exterior Girder	171.45	0.95	1	1	5.315736
Type 3_serv	BOBJ1	396.45	After	Interior Girder 1	171.45	0.95	1	1	4.696624
Type 3_serv	BOBJ1	396.45	After	Interior Girder 2	171.45	0.95	1	1	4.696624
Type 3_serv	BOBJ1	396.45	After	Right Exterior Girder	171.45	0.95	1	1	5.315736
Type 3_serv	BOBJ1	407.9	Before	Left Exterior Girder	182.9	0.95	1	1	5.677491
Type 3_serv	BOBJ1	407.9	Before	Interior Girder 1	182.9	0.95	1	1	5.052672
Type 3_serv	BOBJ1	407.9	Before	Interior Girder 2	182.9	0.95	1	1	5.052672
Type 3_serv	BOBJ1	407.9	Before	Right Exterior Girder	182.9	0.95	1	1	5.677491
Type 3_serv	BOBJ1	407.9	After	Left Exterior Girder	182.9	0.95	1	1	5.655799
Type 3_serv	BOBJ1	407.9	After	Interior Girder 1	182.9	0.95	1	1	5.041205
Type 3_serv	BOBJ1	407.9	After	Interior Girder 2	182.9	0.95	1	1	5.041205
Type 3_serv	BOBJ1	407.9	After	Right Exterior Girder	182.9	0.95	1	1	5.655799
Type 3_serv	BOBJ1	419.3	Before	Left Exterior Girder	194.3	0.95	1	1	6.378981
Type 3_serv	BOBJ1	419.3	Before	Interior Girder 1	194.3	0.95	1	1	5.588855
Type 3_serv	BOBJ1	419.3	Before	Interior Girder 2	194.3	0.95	1	1	5.588855
Type 3_serv	BOBJ1	419.3	Before	Right Exterior Girder	194.3	0.95	1	1	6.378981
Type 3_serv	BOBJ1	419.3	After	Left Exterior Girder	194.3	0.95	1	1	6.386306
Type 3_serv	BOBJ1	419.3	After	Interior Girder 1	194.3	0.95	1	1	5.580693
Type 3_serv	BOBJ1	419.3	After	Interior Girder 2	194.3	0.95	1	1	5.580693
Type 3_serv	BOBJ1	419.3	After	Right Exterior Girder	194.3	0.95	1	1	6.386305
Type 3_serv	BOBJ1	430.7	Before	Left Exterior Girder	205.7	0.95	1	1	7.435795
Type 3_serv	BOBJ1	430.7	Before	Interior Girder 1	205.7	0.95	1	1	6.520495

TABLE: Bridge Super Rating AASHTORATE18 26 - SteelINonCompServ-Flx - Main Span Girders									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Type 3_serv	BOBJ1	430.7	Before	Interior Girder 2	205.7	0.95	1	1	6.520495
Type 3_serv	BOBJ1	430.7	Before	Right Exterior Girder	205.7	0.95	1	1	7.435794
Type 3_serv	BOBJ1	430.7	After	Left Exterior Girder	205.7	0.95	1	1	7.392995
Type 3_serv	BOBJ1	430.7	After	Interior Girder 1	205.7	0.95	1	1	6.512298
Type 3_serv	BOBJ1	430.7	After	Interior Girder 2	205.7	0.95	1	1	6.512298
Type 3_serv	BOBJ1	430.7	After	Right Exterior Girder	205.7	0.95	1	1	7.392995
Type 3_serv	BOBJ1	442.15	Before	Left Exterior Girder	217.0321	0.95	1	1	9.058938
Type 3_serv	BOBJ1	442.15	Before	Interior Girder 1	217.0321	0.95	1	1	7.784901
Type 3_serv	BOBJ1	442.15	Before	Interior Girder 2	217.0321	0.95	1	1	7.784901
Type 3_serv	BOBJ1	442.15	Before	Right Exterior Girder	217.0321	0.95	1	1	9.058938
Type 3_serv	BOBJ1	442.15	After	Left Exterior Girder	217.0321	0.95	1	1	4.695079
Type 3_serv	BOBJ1	442.15	After	Interior Girder 1	217.0321	0.95	1	1	3.959157
Type 3_serv	BOBJ1	442.15	After	Interior Girder 2	217.0321	0.95	1	1	3.959157
Type 3_serv	BOBJ1	442.15	After	Right Exterior Girder	217.0321	0.95	1	1	4.695079
Type 3_serv	BOBJ1	453.6	Before	Left Exterior Girder	228.6	0.95	1	1	6.545481
Type 3_serv	BOBJ1	453.6	Before	Interior Girder 1	228.6	0.95	1	1	5.483668
Type 3_serv	BOBJ1	453.6	Before	Interior Girder 2	228.6	0.95	1	1	5.483668
Type 3_serv	BOBJ1	453.6	Before	Right Exterior Girder	228.6	0.95	1	1	6.545481
Type 3_serv	BOBJ1	453.6	After	Left Exterior Girder	228.6	0.95	1	1	6.467612
Type 3_serv	BOBJ1	453.6	After	Interior Girder 1	228.6	0.95	1	1	5.489024
Type 3_serv	BOBJ1	453.6	After	Interior Girder 2	228.6	0.95	1	1	5.489024
Type 3_serv	BOBJ1	453.6	After	Right Exterior Girder	228.6	0.95	1	1	6.467611
Type 3_serv	BOBJ1	463.0439	Before	Left Exterior Girder	238.0439	0.95	1	1	8.764064
Type 3_serv	BOBJ1	463.0439	Before	Interior Girder 1	238.0439	0.95	1	1	7.181892
Type 3_serv	BOBJ1	463.0439	Before	Interior Girder 2	238.0439	0.95	1	1	7.181892
Type 3_serv	BOBJ1	463.0439	Before	Right Exterior Girder	238.0439	0.95	1	1	8.764064
Type 3_serv	BOBJ1	463.0439	After	Left Exterior Girder	238.0439	0.95	1	1	3.351952
Type 3_serv	BOBJ1	463.0439	After	Interior Girder 1	238.0439	0.95	1	1	2.711666
Type 3_serv	BOBJ1	463.0439	After	Interior Girder 2	238.0439	0.95	1	1	2.711666
Type 3_serv	BOBJ1	463.0439	After	Right Exterior Girder	238.0439	0.95	1	1	3.351952
Type 3_serv	BOBJ1	465	Before	Left Exterior Girder	240	0.95	1	1	3.787808
Type 3_serv	BOBJ1	465	Before	Interior Girder 1	240	0.95	1	1	3.026133
Type 3_serv	BOBJ1	465	Before	Interior Girder 2	240	0.95	1	1	3.026133
Type 3_serv	BOBJ1	465	Before	Right Exterior Girder	240	0.95	1	1	3.787807
Type 3_serv	BOBJ1	465	After	Left Exterior Girder	240	0.95	1	1	3.790198
Type 3_serv	BOBJ1	465	After	Interior Girder 1	240	0.95	1	1	3.027667
Type 3_serv	BOBJ1	465	After	Interior Girder 2	240	0.95	1	1	3.027667
Type 3_serv	BOBJ1	465	After	Right Exterior Girder	240	0.95	1	1	3.790198
Type 3_serv	BOBJ1	476.4	Before	Left Exterior Girder	251.4	0.95	1	1	6.96607
Type 3_serv	BOBJ1	476.4	Before	Interior Girder 1	251.4	0.95	1	1	5.430966
Type 3_serv	BOBJ1	476.4	Before	Interior Girder 2	251.4	0.95	1	1	5.430967
Type 3_serv	BOBJ1	476.4	Before	Right Exterior Girder	251.4	0.95	1	1	6.96607
Type 3_serv	BOBJ1	476.4	After	Left Exterior Girder	251.4	0.95	1	1	6.74801
Type 3_serv	BOBJ1	476.4	After	Interior Girder 1	251.4	0.95	1	1	5.335005
Type 3_serv	BOBJ1	476.4	After	Interior Girder 2	251.4	0.95	1	1	5.335006
Type 3_serv	BOBJ1	476.4	After	Right Exterior Girder	251.4	0.95	1	1	6.74801
Type 3_serv	BOBJ1	487.85	Before	Left Exterior Girder	262.85	0.95	1	1	9.102436
Type 3_serv	BOBJ1	487.85	Before	Interior Girder 1	262.85	0.95	1	1	8.853105
Type 3_serv	BOBJ1	487.85	Before	Interior Girder 2	262.85	0.95	1	1	8.853105
Type 3_serv	BOBJ1	487.85	Before	Right Exterior Girder	262.85	0.95	1	1	9.102436
Type 3_serv	BOBJ1	487.85	After	Left Exterior Girder	262.85	0.95	1	1	9.11545
Type 3_serv	BOBJ1	487.85	After	Interior Girder 1	262.85	0.95	1	1	8.827479
Type 3_serv	BOBJ1	487.85	After	Interior Girder 2	262.85	0.95	1	1	8.82748
Type 3_serv	BOBJ1	487.85	After	Right Exterior Girder	262.85	0.95	1	1	9.11545
Type 3_serv	BOBJ1	496.3126	Before	Left Exterior Girder	271.3126	0.95	1	1	5.949485
Type 3_serv	BOBJ1	496.3126	Before	Interior Girder 1	271.3126	0.95	1	1	5.719178
Type 3_serv	BOBJ1	496.3126	Before	Interior Girder 2	271.3126	0.95	1	1	5.719178
Type 3_serv	BOBJ1	496.3126	Before	Right Exterior Girder	271.3126	0.95	1	1	5.949485
Type 3_serv	BOBJ1	496.3126	After	Left Exterior Girder	271.3126	0.95	1	1	13.822452
Type 3_serv	BOBJ1	496.3126	After	Interior Girder 1	271.3126	0.95	1	1	13.190754
Type 3_serv	BOBJ1	496.3126	After	Interior Girder 2	271.3126	0.95	1	1	13.190754
Type 3_serv	BOBJ1	496.3126	After	Right Exterior Girder	271.3126	0.95	1	1	13.822452
Type 3_serv	BOBJ1	499.3	Before	Left Exterior Girder	274.3	0.95	1	1	12.612406
Type 3_serv	BOBJ1	499.3	Before	Interior Girder 1	274.3	0.95	1	1	11.981909
Type 3_serv	BOBJ1	499.3	Before	Interior Girder 2	274.3	0.95	1	1	11.981909
Type 3_serv	BOBJ1	499.3	Before	Right Exterior Girder	274.3	0.95	1	1	12.612406
Type 3_serv	BOBJ1	499.3	After	Left Exterior Girder	274.3	0.95	1	1	12.522779
Type 3_serv	BOBJ1	499.3	After	Interior Girder 1	274.3	0.95	1	1	11.911731
Type 3_serv	BOBJ1	499.3	After	Interior Girder 2	274.3	0.95	1	1	11.911731
Type 3_serv	BOBJ1	499.3	After	Right Exterior Girder	274.3	0.95	1	1	12.522779

TABLE: Bridge Super Rating AASHTORATE18 26 - SteelINonCompServ-Flx - Main Span Girders									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Type 3_serv	BOBJ1	503.8969	Before	Left Exterior Girder	278.8969	0.95	1	1	10.707656
Type 3_serv	BOBJ1	503.8969	Before	Interior Girder 1	278.8969	0.95	1	1	10.078477
Type 3_serv	BOBJ1	503.8969	Before	Interior Girder 2	278.8969	0.95	1	1	10.078477
Type 3_serv	BOBJ1	503.8969	Before	Right Exterior Girder	278.8969	0.95	1	1	10.707656
Type 3_serv	BOBJ1	503.8969	After	Left Exterior Girder	278.8969	0.95	1	1	19.956961
Type 3_serv	BOBJ1	503.8969	After	Interior Girder 1	278.8969	0.95	1	1	18.771303
Type 3_serv	BOBJ1	503.8969	After	Interior Girder 2	278.8969	0.95	1	1	18.771303
Type 3_serv	BOBJ1	503.8969	After	Right Exterior Girder	278.8969	0.95	1	1	19.956961
Type 3_serv	BOBJ1	510.7	Before	Left Exterior Girder	285.7	0.95	1	1	17.057375
Type 3_serv	BOBJ1	510.7	Before	Interior Girder 1	285.7	0.95	1	1	15.788842
Type 3_serv	BOBJ1	510.7	Before	Interior Girder 2	285.7	0.95	1	1	15.788842
Type 3_serv	BOBJ1	510.7	Before	Right Exterior Girder	285.7	0.95	1	1	17.057375
Type 3_serv	BOBJ1	510.7	After	Left Exterior Girder	285.7	0.95	1	1	17.065465
Type 3_serv	BOBJ1	510.7	After	Interior Girder 1	285.7	0.95	1	1	15.781848
Type 3_serv	BOBJ1	510.7	After	Interior Girder 2	285.7	0.95	1	1	15.781847
Type 3_serv	BOBJ1	510.7	After	Right Exterior Girder	285.7	0.95	1	1	17.065465
Type 3_serv	BOBJ1	511.4811	Before	Left Exterior Girder	286.4811	0.95	1	1	16.725559
Type 3_serv	BOBJ1	511.4811	Before	Interior Girder 1	286.4811	0.95	1	1	15.453059
Type 3_serv	BOBJ1	511.4811	Before	Interior Girder 2	286.4811	0.95	1	1	15.453059
Type 3_serv	BOBJ1	511.4811	Before	Right Exterior Girder	286.4811	0.95	1	1	16.725559
Type 3_serv	BOBJ1	511.4811	After	Left Exterior Girder	286.4811	0.95	1	1	24.150277
Type 3_serv	BOBJ1	511.4811	After	Interior Girder 1	286.4811	0.95	1	1	22.496804
Type 3_serv	BOBJ1	511.4811	After	Interior Girder 2	286.4811	0.95	1	1	22.496803
Type 3_serv	BOBJ1	511.4811	After	Right Exterior Girder	286.4811	0.95	1	1	24.150278
Type 3_serv	BOBJ1	522.1	Before	Left Exterior Girder	297.1	0.95	1	1	17.366416
Type 3_serv	BOBJ1	522.1	Before	Interior Girder 1	297.1	0.95	1	1	17.596746
Type 3_serv	BOBJ1	522.1	Before	Interior Girder 2	297.1	0.95	1	1	17.596745
Type 3_serv	BOBJ1	522.1	Before	Right Exterior Girder	297.1	0.95	1	1	17.366415
Type 3_serv	BOBJ1	522.1	After	Left Exterior Girder	297.1	0.95	1	1	17.788437
Type 3_serv	BOBJ1	522.1	After	Interior Girder 1	297.1	0.95	1	1	17.577309
Type 3_serv	BOBJ1	522.1	After	Interior Girder 2	297.1	0.95	1	1	17.577308
Type 3_serv	BOBJ1	522.1	After	Right Exterior Girder	297.1	0.95	1	1	17.788437
Type 3_serv	BOBJ1	530.4918	Before	Left Exterior Girder	305.4918	0.95	1	1	12.132689
Type 3_serv	BOBJ1	530.4918	Before	Interior Girder 1	305.4918	0.95	1	1	12.131845
Type 3_serv	BOBJ1	530.4918	Before	Interior Girder 2	305.4918	0.95	1	1	12.131847
Type 3_serv	BOBJ1	530.4918	Before	Right Exterior Girder	305.4918	0.95	1	1	12.132689
Type 3_serv	BOBJ1	530.4918	After	Left Exterior Girder	305.4918	0.95	1	1	17.827313
Type 3_serv	BOBJ1	530.4918	After	Interior Girder 1	305.4918	0.95	1	1	17.812306
Type 3_serv	BOBJ1	530.4918	After	Interior Girder 2	305.4918	0.95	1	1	17.812308
Type 3_serv	BOBJ1	530.4918	After	Right Exterior Girder	305.4918	0.95	1	1	17.827312
Type 3_serv	BOBJ1	533.55	Before	Left Exterior Girder	308.55	0.95	1	1	15.690094
Type 3_serv	BOBJ1	533.55	Before	Interior Girder 1	308.55	0.95	1	1	15.593177
Type 3_serv	BOBJ1	533.55	Before	Interior Girder 2	308.55	0.95	1	1	15.593179
Type 3_serv	BOBJ1	533.55	Before	Right Exterior Girder	308.55	0.95	1	1	15.690094
Type 3_serv	BOBJ1	533.55	After	Left Exterior Girder	308.55	0.95	1	1	15.657904
Type 3_serv	BOBJ1	533.55	After	Interior Girder 1	308.55	0.95	1	1	15.584606
Type 3_serv	BOBJ1	533.55	After	Interior Girder 2	308.55	0.95	1	1	15.584608
Type 3_serv	BOBJ1	533.55	After	Right Exterior Girder	308.55	0.95	1	1	15.657904
Type 3_serv	BOBJ1	545	Before	Left Exterior Girder	320	0.95	1	1	9.370938
Type 3_serv	BOBJ1	545	Before	Interior Girder 1	320	0.95	1	1	8.658823
Type 3_serv	BOBJ1	545	Before	Interior Girder 2	320	0.95	1	1	8.658824
Type 3_serv	BOBJ1	545	Before	Right Exterior Girder	320	0.95	1	1	9.370937
Type 3_serv	BOBJ1	545	After	Left Exterior Girder	0	0.95	1	1	9.840979
Type 3_serv	BOBJ1	545	After	Interior Girder 1	0	0.95	1	1	8.922257
Type 3_serv	BOBJ1	545	After	Interior Girder 2	0	0.95	1	1	8.922257
Type 3_serv	BOBJ1	545	After	Right Exterior Girder	0	0.95	1	1	9.840978
Type 3_serv	BOBJ1	556.25	Before	Left Exterior Girder	11.25	0.95	1	1	15.498301
Type 3_serv	BOBJ1	556.25	Before	Interior Girder 1	11.25	0.95	1	1	14.644719
Type 3_serv	BOBJ1	556.25	Before	Interior Girder 2	11.25	0.95	1	1	14.644719
Type 3_serv	BOBJ1	556.25	Before	Right Exterior Girder	11.25	0.95	1	1	15.498301
Type 3_serv	BOBJ1	556.25	After	Left Exterior Girder	11.25	0.95	1	1	15.517265
Type 3_serv	BOBJ1	556.25	After	Interior Girder 1	11.25	0.95	1	1	14.67022
Type 3_serv	BOBJ1	556.25	After	Interior Girder 2	11.25	0.95	1	1	14.67022
Type 3_serv	BOBJ1	556.25	After	Right Exterior Girder	11.25	0.95	1	1	15.517265
Type 3_serv	BOBJ1	559.4358	Before	Left Exterior Girder	14.4358	0.95	1	1	17.258816
Type 3_serv	BOBJ1	559.4358	Before	Interior Girder 1	14.4358	0.95	1	1	16.546702
Type 3_serv	BOBJ1	559.4358	Before	Interior Girder 2	14.4358	0.95	1	1	16.546702
Type 3_serv	BOBJ1	559.4358	Before	Right Exterior Girder	14.4358	0.95	1	1	17.258815
Type 3_serv	BOBJ1	559.4358	After	Left Exterior Girder	14.4358	0.95	1	1	11.675893
Type 3_serv	BOBJ1	559.4358	After	Interior Girder 1	14.4358	0.95	1	1	11.181493

TABLE: Bridge Super Rating AASHTORATE18 26 - SteelINonCompServ-Flx - Main Span Girders									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Type 3_serv	BOBJ1	559.4358	After	Interior Girder 2	14.4358	0.95	1	1	11.181493
Type 3_serv	BOBJ1	559.4358	After	Right Exterior Girder	14.4358	0.95	1	1	11.675893
Type 3_serv	BOBJ1	567.5	Before	Left Exterior Girder	22.5	0.95	1	1	15.552124
Type 3_serv	BOBJ1	567.5	Before	Interior Girder 1	22.5	0.95	1	1	14.323192
Type 3_serv	BOBJ1	567.5	Before	Interior Girder 2	22.5	0.95	1	1	14.323192
Type 3_serv	BOBJ1	567.5	Before	Right Exterior Girder	22.5	0.95	1	1	15.552123
Type 3_serv	BOBJ1	567.5	After	Left Exterior Girder	22.5	0.95	1	1	15.157854
Type 3_serv	BOBJ1	567.5	After	Interior Girder 1	22.5	0.95	1	1	14.300949
Type 3_serv	BOBJ1	567.5	After	Interior Girder 2	22.5	0.95	1	1	14.300949
Type 3_serv	BOBJ1	567.5	After	Right Exterior Girder	22.5	0.95	1	1	15.157853
Type 3_serv	BOBJ1	570.0586	Before	Left Exterior Girder	25.0586	0.95	1	1	16.482758
Type 3_serv	BOBJ1	570.0586	Before	Interior Girder 1	25.0586	0.95	1	1	15.19907
Type 3_serv	BOBJ1	570.0586	Before	Interior Girder 2	25.0586	0.95	1	1	15.19907
Type 3_serv	BOBJ1	570.0586	Before	Right Exterior Girder	25.0586	0.95	1	1	16.482757
Type 3_serv	BOBJ1	570.0586	After	Left Exterior Girder	25.0586	0.95	1	1	10.07743
Type 3_serv	BOBJ1	570.0586	After	Interior Girder 1	25.0586	0.95	1	1	9.308425
Type 3_serv	BOBJ1	570.0586	After	Interior Girder 2	25.0586	0.95	1	1	9.308424
Type 3_serv	BOBJ1	570.0586	After	Right Exterior Girder	25.0586	0.95	1	1	10.07743
Type 3_serv	BOBJ1	578.75	Before	Left Exterior Girder	33.75	0.95	1	1	13.000971
Type 3_serv	BOBJ1	578.75	Before	Interior Girder 1	33.75	0.95	1	1	12.125697
Type 3_serv	BOBJ1	578.75	Before	Interior Girder 2	33.75	0.95	1	1	12.125697
Type 3_serv	BOBJ1	578.75	Before	Right Exterior Girder	33.75	0.95	1	1	13.00097
Type 3_serv	BOBJ1	578.75	After	Left Exterior Girder	33.75	0.95	1	1	12.972895
Type 3_serv	BOBJ1	578.75	After	Interior Girder 1	33.75	0.95	1	1	12.144443
Type 3_serv	BOBJ1	578.75	After	Interior Girder 2	33.75	0.95	1	1	12.144443
Type 3_serv	BOBJ1	578.75	After	Right Exterior Girder	33.75	0.95	1	1	12.972894
Type 3_serv	BOBJ1	586.8142	Before	Left Exterior Girder	41.8142	0.95	1	1	15.627724
Type 3_serv	BOBJ1	586.8142	Before	Interior Girder 1	41.8142	0.95	1	1	14.857507
Type 3_serv	BOBJ1	586.8142	Before	Interior Girder 2	41.8142	0.95	1	1	14.857507
Type 3_serv	BOBJ1	586.8142	Before	Right Exterior Girder	41.8142	0.95	1	1	15.627724
Type 3_serv	BOBJ1	586.8142	After	Left Exterior Girder	41.8142	0.95	1	1	7.466898
Type 3_serv	BOBJ1	586.8142	After	Interior Girder 1	41.8142	0.95	1	1	7.120525
Type 3_serv	BOBJ1	586.8142	After	Interior Girder 2	41.8142	0.95	1	1	7.120525
Type 3_serv	BOBJ1	586.8142	After	Right Exterior Girder	41.8142	0.95	1	1	7.466898
Type 3_serv	BOBJ1	590	Before	Left Exterior Girder	45	0.95	1	1	8.394605
Type 3_serv	BOBJ1	590	Before	Interior Girder 1	45	0.95	1	1	8.06041
Type 3_serv	BOBJ1	590	Before	Interior Girder 2	45	0.95	1	1	8.06041
Type 3_serv	BOBJ1	590	Before	Right Exterior Girder	45	0.95	1	1	8.394605
Type 3_serv	BOBJ1	590	After	Left Exterior Girder	45	0.95	1	1	8.434627
Type 3_serv	BOBJ1	590	After	Interior Girder 1	45	0.95	1	1	8.08616
Type 3_serv	BOBJ1	590	After	Interior Girder 2	45	0.95	1	1	8.08616
Type 3_serv	BOBJ1	590	After	Right Exterior Girder	45	0.95	1	1	8.434627
Type 3_serv	BOBJ1	601.25	Before	Left Exterior Girder	56.25	0.95	1	1	11.794506
Type 3_serv	BOBJ1	601.25	Before	Interior Girder 1	56.25	0.95	1	1	11.468878
Type 3_serv	BOBJ1	601.25	Before	Interior Girder 2	56.25	0.95	1	1	11.468878
Type 3_serv	BOBJ1	601.25	Before	Right Exterior Girder	56.25	0.95	1	1	11.794506
Type 3_serv	BOBJ1	601.25	After	Left Exterior Girder	56.25	0.95	1	1	11.778582
Type 3_serv	BOBJ1	601.25	After	Interior Girder 1	56.25	0.95	1	1	11.482946
Type 3_serv	BOBJ1	601.25	After	Interior Girder 2	56.25	0.95	1	1	11.482946
Type 3_serv	BOBJ1	601.25	After	Right Exterior Girder	56.25	0.95	1	1	11.778582
Type 3_serv	BOBJ1	601.7478	Before	Left Exterior Girder	56.7478	0.95	1	1	11.929617
Type 3_serv	BOBJ1	601.7478	Before	Interior Girder 1	56.7478	0.95	1	1	11.639536
Type 3_serv	BOBJ1	601.7478	Before	Interior Girder 2	56.7478	0.95	1	1	11.639536
Type 3_serv	BOBJ1	601.7478	Before	Right Exterior Girder	56.7478	0.95	1	1	11.929617
Type 3_serv	BOBJ1	601.7478	After	Left Exterior Girder	56.7478	0.95	1	1	4.743504
Type 3_serv	BOBJ1	601.7478	After	Interior Girder 1	56.7478	0.95	1	1	4.665888
Type 3_serv	BOBJ1	601.7478	After	Interior Girder 2	56.7478	0.95	1	1	4.665888
Type 3_serv	BOBJ1	601.7478	After	Right Exterior Girder	56.7478	0.95	1	1	4.743504
Type 3_serv	BOBJ1	612.5	Before	Left Exterior Girder	67.5	0.95	1	1	7.63308
Type 3_serv	BOBJ1	612.5	Before	Interior Girder 1	67.5	0.95	1	1	7.57515
Type 3_serv	BOBJ1	612.5	Before	Interior Girder 2	67.5	0.95	1	1	7.57515
Type 3_serv	BOBJ1	612.5	Before	Right Exterior Girder	67.5	0.95	1	1	7.63308
Type 3_serv	BOBJ1	612.5	After	Left Exterior Girder	67.5	0.95	1	1	7.566678
Type 3_serv	BOBJ1	612.5	After	Interior Girder 1	67.5	0.95	1	1	7.5351
Type 3_serv	BOBJ1	612.5	After	Interior Girder 2	67.5	0.95	1	1	7.5351
Type 3_serv	BOBJ1	612.5	After	Right Exterior Girder	67.5	0.95	1	1	7.566678
Type 3_serv	BOBJ1	623.75	Before	Left Exterior Girder	78.75	0.95	1	1	6.893695
Type 3_serv	BOBJ1	623.75	Before	Interior Girder 1	78.75	0.95	1	1	5.704318
Type 3_serv	BOBJ1	623.75	Before	Interior Girder 2	78.75	0.95	1	1	5.704318
Type 3_serv	BOBJ1	623.75	Before	Right Exterior Girder	78.75	0.95	1	1	6.893695

TABLE: Bridge Super Rating AASHTORATE18 26 - SteelINonCompServ-Flx - Main Span Girders									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Type 3_serv	BOBJ1	623.75	After	Left Exterior Girder	78.75	0.95	1	1	6.897232
Type 3_serv	BOBJ1	623.75	After	Interior Girder 1	78.75	0.95	1	1	5.698825
Type 3_serv	BOBJ1	623.75	After	Interior Girder 2	78.75	0.95	1	1	5.698825
Type 3_serv	BOBJ1	623.75	After	Right Exterior Girder	78.75	0.95	1	1	6.897232
Type 3_serv	BOBJ1	635	Before	Left Exterior Girder	90	0.95	1	1	4.821851
Type 3_serv	BOBJ1	635	Before	Interior Girder 1	90	0.95	1	1	4.185894
Type 3_serv	BOBJ1	635	Before	Interior Girder 2	90	0.95	1	1	4.185894
Type 3_serv	BOBJ1	635	Before	Right Exterior Girder	90	0.95	1	1	4.821851
Type 3_serv	BOBJ1	635	After	Left Exterior Girder	90	0.95	1	1	4.904628
Type 3_serv	BOBJ1	635	After	Interior Girder 1	90	0.95	1	1	4.205013
Type 3_serv	BOBJ1	635	After	Interior Girder 2	90	0.95	1	1	4.205013
Type 3_serv	BOBJ1	635	After	Right Exterior Girder	90	0.95	1	1	4.904628
Type 3_serv	BOBJ1	643.5619	Before	Left Exterior Girder	98.5619	0.95	1	1	3.836693
Type 3_serv	BOBJ1	643.5619	Before	Interior Girder 1	98.5619	0.95	1	1	3.32393
Type 3_serv	BOBJ1	643.5619	Before	Interior Girder 2	98.5619	0.95	1	1	3.32393
Type 3_serv	BOBJ1	643.5619	Before	Right Exterior Girder	98.5619	0.95	1	1	3.836693
Type 3_serv	BOBJ1	643.5619	After	Left Exterior Girder	98.5619	0.95	1	1	7.260155
Type 3_serv	BOBJ1	643.5619	After	Interior Girder 1	98.5619	0.95	1	1	6.280005
Type 3_serv	BOBJ1	643.5619	After	Interior Girder 2	98.5619	0.95	1	1	6.280005
Type 3_serv	BOBJ1	643.5619	After	Right Exterior Girder	98.5619	0.95	1	1	7.260155
Type 3_serv	BOBJ1	646.25	Before	Left Exterior Girder	101.25	0.95	1	1	6.908209
Type 3_serv	BOBJ1	646.25	Before	Interior Girder 1	101.25	0.95	1	1	5.998972
Type 3_serv	BOBJ1	646.25	Before	Interior Girder 2	101.25	0.95	1	1	5.998972
Type 3_serv	BOBJ1	646.25	Before	Right Exterior Girder	101.25	0.95	1	1	6.908209
Type 3_serv	BOBJ1	646.25	After	Left Exterior Girder	101.25	0.95	1	1	6.903317
Type 3_serv	BOBJ1	646.25	After	Interior Girder 1	101.25	0.95	1	1	6.001105
Type 3_serv	BOBJ1	646.25	After	Interior Girder 2	101.25	0.95	1	1	6.001105
Type 3_serv	BOBJ1	646.25	After	Right Exterior Girder	101.25	0.95	1	1	6.903317
Type 3_serv	BOBJ1	657.5	Before	Left Exterior Girder	112.5	0.95	1	1	5.725622
Type 3_serv	BOBJ1	657.5	Before	Interior Girder 1	112.5	0.95	1	1	5.116344
Type 3_serv	BOBJ1	657.5	Before	Interior Girder 2	112.5	0.95	1	1	5.116343
Type 3_serv	BOBJ1	657.5	Before	Right Exterior Girder	112.5	0.95	1	1	5.725622
Type 3_serv	BOBJ1	657.5	After	Left Exterior Girder	112.5	0.95	1	1	5.760054
Type 3_serv	BOBJ1	657.5	After	Interior Girder 1	112.5	0.95	1	1	5.120596
Type 3_serv	BOBJ1	657.5	After	Interior Girder 2	112.5	0.95	1	1	5.120595
Type 3_serv	BOBJ1	657.5	After	Right Exterior Girder	112.5	0.95	1	1	5.760053
Type 3_serv	BOBJ1	668.75	Before	Left Exterior Girder	123.75	0.95	1	1	5.070444
Type 3_serv	BOBJ1	668.75	Before	Interior Girder 1	123.75	0.95	1	1	4.488485
Type 3_serv	BOBJ1	668.75	Before	Interior Girder 2	123.75	0.95	1	1	4.488485
Type 3_serv	BOBJ1	668.75	Before	Right Exterior Girder	123.75	0.95	1	1	5.070444
Type 3_serv	BOBJ1	668.75	After	Left Exterior Girder	123.75	0.95	1	1	5.0769
Type 3_serv	BOBJ1	668.75	After	Interior Girder 1	123.75	0.95	1	1	4.49099
Type 3_serv	BOBJ1	668.75	After	Interior Girder 2	123.75	0.95	1	1	4.49099
Type 3_serv	BOBJ1	668.75	After	Right Exterior Girder	123.75	0.95	1	1	5.0769
Type 3_serv	BOBJ1	680	Before	Left Exterior Girder	135	0.95	1	1	4.657355
Type 3_serv	BOBJ1	680	Before	Interior Girder 1	135	0.95	1	1	4.188259
Type 3_serv	BOBJ1	680	Before	Interior Girder 2	135	0.95	1	1	4.188259
Type 3_serv	BOBJ1	680	Before	Right Exterior Girder	135	0.95	1	1	4.657355
Type 3_serv	BOBJ1	680	After	Left Exterior Girder	135	0.95	1	1	4.655103
Type 3_serv	BOBJ1	680	After	Interior Girder 1	135	0.95	1	1	4.196616
Type 3_serv	BOBJ1	680	After	Interior Girder 2	135	0.95	1	1	4.196617
Type 3_serv	BOBJ1	680	After	Right Exterior Girder	135	0.95	1	1	4.655103
Type 3_serv	BOBJ1	691.25	Before	Left Exterior Girder	146.25	0.95	1	1	4.572322
Type 3_serv	BOBJ1	691.25	Before	Interior Girder 1	146.25	0.95	1	1	4.031933
Type 3_serv	BOBJ1	691.25	Before	Interior Girder 2	146.25	0.95	1	1	4.031933
Type 3_serv	BOBJ1	691.25	Before	Right Exterior Girder	146.25	0.95	1	1	4.572322
Type 3_serv	BOBJ1	691.25	After	Left Exterior Girder	146.25	0.95	1	1	4.576896
Type 3_serv	BOBJ1	691.25	After	Interior Girder 1	146.25	0.95	1	1	4.030231
Type 3_serv	BOBJ1	691.25	After	Interior Girder 2	146.25	0.95	1	1	4.030231
Type 3_serv	BOBJ1	691.25	After	Right Exterior Girder	146.25	0.95	1	1	4.576896
Type 3_serv	BOBJ1	702.5	Before	Left Exterior Girder	157.5	0.95	1	1	4.755923
Type 3_serv	BOBJ1	702.5	Before	Interior Girder 1	157.5	0.95	1	1	4.17749
Type 3_serv	BOBJ1	702.5	Before	Interior Girder 2	157.5	0.95	1	1	4.17749
Type 3_serv	BOBJ1	702.5	Before	Right Exterior Girder	157.5	0.95	1	1	4.755923
Type 3_serv	BOBJ1	702.5	After	Left Exterior Girder	157.5	0.95	1	1	4.714916
Type 3_serv	BOBJ1	702.5	After	Interior Girder 1	157.5	0.95	1	1	4.196137
Type 3_serv	BOBJ1	702.5	After	Interior Girder 2	157.5	0.95	1	1	4.196137
Type 3_serv	BOBJ1	702.5	After	Right Exterior Girder	157.5	0.95	1	1	4.714916
Type 3_serv	BOBJ1	713.75	Before	Left Exterior Girder	168.75	0.95	1	1	5.331767
Type 3_serv	BOBJ1	713.75	Before	Interior Girder 1	168.75	0.95	1	1	4.537726

TABLE: Bridge Super Rating AASHTORATE18 26 - SteelINonCompServ-Flx - Main Span Girders									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Type 3_serv	BOBJ1	713.75	Before	Interior Girder 2	168.75	0.95	1	1	4.537726
Type 3_serv	BOBJ1	713.75	Before	Right Exterior Girder	168.75	0.95	1	1	5.331766
Type 3_serv	BOBJ1	713.75	After	Left Exterior Girder	168.75	0.95	1	1	5.332869
Type 3_serv	BOBJ1	713.75	After	Interior Girder 1	168.75	0.95	1	1	4.539927
Type 3_serv	BOBJ1	713.75	After	Interior Girder 2	168.75	0.95	1	1	4.539927
Type 3_serv	BOBJ1	713.75	After	Right Exterior Girder	168.75	0.95	1	1	5.332869
Type 3_serv	BOBJ1	725	Before	Left Exterior Girder	180	0.95	1	1	6.47399
Type 3_serv	BOBJ1	725	Before	Interior Girder 1	180	0.95	1	1	5.373112
Type 3_serv	BOBJ1	725	Before	Interior Girder 2	180	0.95	1	1	5.373112
Type 3_serv	BOBJ1	725	Before	Right Exterior Girder	180	0.95	1	1	6.473989
Type 3_serv	BOBJ1	725	After	Left Exterior Girder	180	0.95	1	1	6.398492
Type 3_serv	BOBJ1	725	After	Interior Girder 1	180	0.95	1	1	5.425247
Type 3_serv	BOBJ1	725	After	Interior Girder 2	180	0.95	1	1	5.425247
Type 3_serv	BOBJ1	725	After	Right Exterior Girder	180	0.95	1	1	6.398492
Type 3_serv	BOBJ1	731.1726	Before	Left Exterior Girder	186.1726	0.95	1	1	7.473022
Type 3_serv	BOBJ1	731.1726	Before	Interior Girder 1	186.1726	0.95	1	1	6.063748
Type 3_serv	BOBJ1	731.1726	Before	Interior Girder 2	186.1726	0.95	1	1	6.063748
Type 3_serv	BOBJ1	731.1726	Before	Right Exterior Girder	186.1726	0.95	1	1	7.473022
Type 3_serv	BOBJ1	731.1726	After	Left Exterior Girder	186.1726	0.95	1	1	3.209221
Type 3_serv	BOBJ1	731.1726	After	Interior Girder 1	186.1726	0.95	1	1	2.591731
Type 3_serv	BOBJ1	731.1726	After	Interior Girder 2	186.1726	0.95	1	1	2.591731
Type 3_serv	BOBJ1	731.1726	After	Right Exterior Girder	186.1726	0.95	1	1	3.209221
Type 3_serv	BOBJ1	736.25	Before	Left Exterior Girder	191.25	0.95	1	1	3.953129
Type 3_serv	BOBJ1	736.25	Before	Interior Girder 1	191.25	0.95	1	1	3.065347
Type 3_serv	BOBJ1	736.25	Before	Interior Girder 2	191.25	0.95	1	1	3.065347
Type 3_serv	BOBJ1	736.25	Before	Right Exterior Girder	191.25	0.95	1	1	3.953129
Type 3_serv	BOBJ1	736.25	After	Left Exterior Girder	191.25	0.95	1	1	3.942116
Type 3_serv	BOBJ1	736.25	After	Interior Girder 1	191.25	0.95	1	1	3.064493
Type 3_serv	BOBJ1	736.25	After	Interior Girder 2	191.25	0.95	1	1	3.064493
Type 3_serv	BOBJ1	736.25	After	Right Exterior Girder	191.25	0.95	1	1	3.942116
Type 3_serv	BOBJ1	747.5	Before	Left Exterior Girder	202.5	0.95	1	1	6.84562
Type 3_serv	BOBJ1	747.5	Before	Interior Girder 1	202.5	0.95	1	1	4.964054
Type 3_serv	BOBJ1	747.5	Before	Interior Girder 2	202.5	0.95	1	1	4.964054
Type 3_serv	BOBJ1	747.5	Before	Right Exterior Girder	202.5	0.95	1	1	6.84562
Type 3_serv	BOBJ1	747.5	After	Left Exterior Girder	202.5	0.95	1	1	6.568213
Type 3_serv	BOBJ1	747.5	After	Interior Girder 1	202.5	0.95	1	1	4.901351
Type 3_serv	BOBJ1	747.5	After	Interior Girder 2	202.5	0.95	1	1	4.901351
Type 3_serv	BOBJ1	747.5	After	Right Exterior Girder	202.5	0.95	1	1	6.568212
Type 3_serv	BOBJ1	758.75	Before	Left Exterior Girder	213.75	0.95	1	1	15.440293
Type 3_serv	BOBJ1	758.75	Before	Interior Girder 1	213.75	0.95	1	1	10.160284
Type 3_serv	BOBJ1	758.75	Before	Interior Girder 2	213.75	0.95	1	1	10.160285
Type 3_serv	BOBJ1	758.75	Before	Right Exterior Girder	213.75	0.95	1	1	15.440288
Type 3_serv	BOBJ1	758.75	After	Left Exterior Girder	213.75	0.95	1	1	15.401487
Type 3_serv	BOBJ1	758.75	After	Interior Girder 1	213.75	0.95	1	1	10.035726
Type 3_serv	BOBJ1	758.75	After	Interior Girder 2	213.75	0.95	1	1	10.035726
Type 3_serv	BOBJ1	758.75	After	Right Exterior Girder	213.75	0.95	1	1	15.401483
Type 3_serv	BOBJ1	770	Before	Left Exterior Girder	225	0.95	1	1	322.692579
Type 3_serv	BOBJ1	770	Before	Interior Girder 1	225	0.95	1	1	266.84363
Type 3_serv	BOBJ1	770	Before	Interior Girder 2	225	0.95	1	1	266.842687
Type 3_serv	BOBJ1	770	Before	Right Exterior Girder	225	0.95	1	1	322.694194
Type 3S2_serv	BOBJ1	0	After	Left Exterior Girder	0	0.95	1	1	228.660743
Type 3S2_serv	BOBJ1	0	After	Interior Girder 1	0	0.95	1	1	193.006389
Type 3S2_serv	BOBJ1	0	After	Interior Girder 2	0	0.95	1	1	193.006176
Type 3S2_serv	BOBJ1	0	After	Right Exterior Girder	0	0.95	1	1	228.660735
Type 3S2_serv	BOBJ1	11.25	Before	Left Exterior Girder	11.25	0.95	1	1	11.602348
Type 3S2_serv	BOBJ1	11.25	Before	Interior Girder 1	11.25	0.95	1	1	8.256679
Type 3S2_serv	BOBJ1	11.25	Before	Interior Girder 2	11.25	0.95	1	1	8.25668
Type 3S2_serv	BOBJ1	11.25	Before	Right Exterior Girder	11.25	0.95	1	1	11.602347
Type 3S2_serv	BOBJ1	11.25	After	Left Exterior Girder	11.25	0.95	1	1	11.656979
Type 3S2_serv	BOBJ1	11.25	After	Interior Girder 1	11.25	0.95	1	1	8.379453
Type 3S2_serv	BOBJ1	11.25	After	Interior Girder 2	11.25	0.95	1	1	8.379454
Type 3S2_serv	BOBJ1	11.25	After	Right Exterior Girder	11.25	0.95	1	1	11.656979
Type 3S2_serv	BOBJ1	22.5	Before	Left Exterior Girder	22.5	0.95	1	1	4.919505
Type 3S2_serv	BOBJ1	22.5	Before	Interior Girder 1	22.5	0.95	1	1	4.001782
Type 3S2_serv	BOBJ1	22.5	Before	Interior Girder 2	22.5	0.95	1	1	4.001783
Type 3S2_serv	BOBJ1	22.5	Before	Right Exterior Girder	22.5	0.95	1	1	4.919504
Type 3S2_serv	BOBJ1	22.5	After	Left Exterior Girder	22.5	0.95	1	1	5.127799
Type 3S2_serv	BOBJ1	22.5	After	Interior Girder 1	22.5	0.95	1	1	4.047896
Type 3S2_serv	BOBJ1	22.5	After	Interior Girder 2	22.5	0.95	1	1	4.047897
Type 3S2_serv	BOBJ1	22.5	After	Right Exterior Girder	22.5	0.95	1	1	5.127799

TABLE: Bridge Super Rating AASHTORATE18 26 - SteelINonCompServ-Flx - Main Span Girders									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Type 3S2_serv	BOBJ1	33.75	Before	Left Exterior Girder	33.75	0.95	1	1	2.93984
Type 3S2_serv	BOBJ1	33.75	Before	Interior Girder 1	33.75	0.95	1	1	2.444764
Type 3S2_serv	BOBJ1	33.75	Before	Interior Girder 2	33.75	0.95	1	1	2.444764
Type 3S2_serv	BOBJ1	33.75	Before	Right Exterior Girder	33.75	0.95	1	1	2.93984
Type 3S2_serv	BOBJ1	33.75	After	Left Exterior Girder	33.75	0.95	1	1	2.947828
Type 3S2_serv	BOBJ1	33.75	After	Interior Girder 1	33.75	0.95	1	1	2.445495
Type 3S2_serv	BOBJ1	33.75	After	Interior Girder 2	33.75	0.95	1	1	2.445495
Type 3S2_serv	BOBJ1	33.75	After	Right Exterior Girder	33.75	0.95	1	1	2.947829
Type 3S2_serv	BOBJ1	38.8274	Before	Left Exterior Girder	38.8274	0.95	1	1	2.389229
Type 3S2_serv	BOBJ1	38.8274	Before	Interior Girder 1	38.8274	0.95	1	1	2.054515
Type 3S2_serv	BOBJ1	38.8274	Before	Interior Girder 2	38.8274	0.95	1	1	2.054515
Type 3S2_serv	BOBJ1	38.8274	Before	Right Exterior Girder	38.8274	0.95	1	1	2.389229
Type 3S2_serv	BOBJ1	38.8274	After	Left Exterior Girder	38.8274	0.95	1	1	5.563929
Type 3S2_serv	BOBJ1	38.8274	After	Interior Girder 1	38.8274	0.95	1	1	4.805081
Type 3S2_serv	BOBJ1	38.8274	After	Interior Girder 2	38.8274	0.95	1	1	4.805082
Type 3S2_serv	BOBJ1	38.8274	After	Right Exterior Girder	38.8274	0.95	1	1	5.563929
Type 3S2_serv	BOBJ1	45	Before	Left Exterior Girder	45	0.95	1	1	4.76563
Type 3S2_serv	BOBJ1	45	Before	Interior Girder 1	45	0.95	1	1	4.280019
Type 3S2_serv	BOBJ1	45	Before	Interior Girder 2	45	0.95	1	1	4.280019
Type 3S2_serv	BOBJ1	45	Before	Right Exterior Girder	45	0.95	1	1	4.76563
Type 3S2_serv	BOBJ1	45	After	Left Exterior Girder	45	0.95	1	1	4.828398
Type 3S2_serv	BOBJ1	45	After	Interior Girder 1	45	0.95	1	1	4.244472
Type 3S2_serv	BOBJ1	45	After	Interior Girder 2	45	0.95	1	1	4.244472
Type 3S2_serv	BOBJ1	45	After	Right Exterior Girder	45	0.95	1	1	4.828398
Type 3S2_serv	BOBJ1	56.25	Before	Left Exterior Girder	56.25	0.95	1	1	3.97524
Type 3S2_serv	BOBJ1	56.25	Before	Interior Girder 1	56.25	0.95	1	1	3.575986
Type 3S2_serv	BOBJ1	56.25	Before	Interior Girder 2	56.25	0.95	1	1	3.575985
Type 3S2_serv	BOBJ1	56.25	Before	Right Exterior Girder	56.25	0.95	1	1	3.975241
Type 3S2_serv	BOBJ1	56.25	After	Left Exterior Girder	56.25	0.95	1	1	3.975287
Type 3S2_serv	BOBJ1	56.25	After	Interior Girder 1	56.25	0.95	1	1	3.578186
Type 3S2_serv	BOBJ1	56.25	After	Interior Girder 2	56.25	0.95	1	1	3.578185
Type 3S2_serv	BOBJ1	56.25	After	Right Exterior Girder	56.25	0.95	1	1	3.975287
Type 3S2_serv	BOBJ1	67.5	Before	Left Exterior Girder	67.5	0.95	1	1	3.514498
Type 3S2_serv	BOBJ1	67.5	Before	Interior Girder 1	67.5	0.95	1	1	3.268751
Type 3S2_serv	BOBJ1	67.5	Before	Interior Girder 2	67.5	0.95	1	1	3.268751
Type 3S2_serv	BOBJ1	67.5	Before	Right Exterior Girder	67.5	0.95	1	1	3.514499
Type 3S2_serv	BOBJ1	67.5	After	Left Exterior Girder	67.5	0.95	1	1	3.548428
Type 3S2_serv	BOBJ1	67.5	After	Interior Girder 1	67.5	0.95	1	1	3.283314
Type 3S2_serv	BOBJ1	67.5	After	Interior Girder 2	67.5	0.95	1	1	3.283313
Type 3S2_serv	BOBJ1	67.5	After	Right Exterior Girder	67.5	0.95	1	1	3.548428
Type 3S2_serv	BOBJ1	78.75	Before	Left Exterior Girder	78.75	0.95	1	1	3.413249
Type 3S2_serv	BOBJ1	78.75	Before	Interior Girder 1	78.75	0.95	1	1	3.145685
Type 3S2_serv	BOBJ1	78.75	Before	Interior Girder 2	78.75	0.95	1	1	3.145685
Type 3S2_serv	BOBJ1	78.75	Before	Right Exterior Girder	78.75	0.95	1	1	3.413249
Type 3S2_serv	BOBJ1	78.75	After	Left Exterior Girder	78.75	0.95	1	1	3.40987
Type 3S2_serv	BOBJ1	78.75	After	Interior Girder 1	78.75	0.95	1	1	3.14671
Type 3S2_serv	BOBJ1	78.75	After	Interior Girder 2	78.75	0.95	1	1	3.146709
Type 3S2_serv	BOBJ1	78.75	After	Right Exterior Girder	78.75	0.95	1	1	3.40987
Type 3S2_serv	BOBJ1	90	Before	Left Exterior Girder	90	0.95	1	1	3.476852
Type 3S2_serv	BOBJ1	90	Before	Interior Girder 1	90	0.95	1	1	3.242172
Type 3S2_serv	BOBJ1	90	Before	Interior Girder 2	90	0.95	1	1	3.242172
Type 3S2_serv	BOBJ1	90	Before	Right Exterior Girder	90	0.95	1	1	3.476852
Type 3S2_serv	BOBJ1	90	After	Left Exterior Girder	90	0.95	1	1	3.480086
Type 3S2_serv	BOBJ1	90	After	Interior Girder 1	90	0.95	1	1	3.24823
Type 3S2_serv	BOBJ1	90	After	Interior Girder 2	90	0.95	1	1	3.24823
Type 3S2_serv	BOBJ1	90	After	Right Exterior Girder	90	0.95	1	1	3.480086
Type 3S2_serv	BOBJ1	101.25	Before	Left Exterior Girder	101.25	0.95	1	1	3.788508
Type 3S2_serv	BOBJ1	101.25	Before	Interior Girder 1	101.25	0.95	1	1	3.480801
Type 3S2_serv	BOBJ1	101.25	Before	Interior Girder 2	101.25	0.95	1	1	3.480801
Type 3S2_serv	BOBJ1	101.25	Before	Right Exterior Girder	101.25	0.95	1	1	3.788508
Type 3S2_serv	BOBJ1	101.25	After	Left Exterior Girder	101.25	0.95	1	1	3.785808
Type 3S2_serv	BOBJ1	101.25	After	Interior Girder 1	101.25	0.95	1	1	3.475573
Type 3S2_serv	BOBJ1	101.25	After	Interior Girder 2	101.25	0.95	1	1	3.475573
Type 3S2_serv	BOBJ1	101.25	After	Right Exterior Girder	101.25	0.95	1	1	3.785808
Type 3S2_serv	BOBJ1	112.5	Before	Left Exterior Girder	112.5	0.95	1	1	4.298614
Type 3S2_serv	BOBJ1	112.5	Before	Interior Girder 1	112.5	0.95	1	1	3.954373
Type 3S2_serv	BOBJ1	112.5	Before	Interior Girder 2	112.5	0.95	1	1	3.954373
Type 3S2_serv	BOBJ1	112.5	Before	Right Exterior Girder	112.5	0.95	1	1	4.298615
Type 3S2_serv	BOBJ1	112.5	After	Left Exterior Girder	112.5	0.95	1	1	4.271627
Type 3S2_serv	BOBJ1	112.5	After	Interior Girder 1	112.5	0.95	1	1	3.944986

TABLE: Bridge Super Rating AASHTORATE18 26 - SteelINonCompServ-Flx - Main Span Girders									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Type 3S2_serv	BOBJ1	112.5	After	Interior Girder 2	112.5	0.95	1	1	3.944987
Type 3S2_serv	BOBJ1	112.5	After	Right Exterior Girder	112.5	0.95	1	1	4.271627
Type 3S2_serv	BOBJ1	123.75	Before	Left Exterior Girder	123.75	0.95	1	1	5.154216
Type 3S2_serv	BOBJ1	123.75	Before	Interior Girder 1	123.75	0.95	1	1	4.634473
Type 3S2_serv	BOBJ1	123.75	Before	Interior Girder 2	123.75	0.95	1	1	4.634473
Type 3S2_serv	BOBJ1	123.75	Before	Right Exterior Girder	123.75	0.95	1	1	5.154215
Type 3S2_serv	BOBJ1	123.75	After	Left Exterior Girder	123.75	0.95	1	1	5.156844
Type 3S2_serv	BOBJ1	123.75	After	Interior Girder 1	123.75	0.95	1	1	4.62924
Type 3S2_serv	BOBJ1	123.75	After	Interior Girder 2	123.75	0.95	1	1	4.629241
Type 3S2_serv	BOBJ1	123.75	After	Right Exterior Girder	123.75	0.95	1	1	5.156844
Type 3S2_serv	BOBJ1	126.4381	Before	Left Exterior Girder	126.4381	0.95	1	1	5.424365
Type 3S2_serv	BOBJ1	126.4381	Before	Interior Girder 1	126.4381	0.95	1	1	4.847121
Type 3S2_serv	BOBJ1	126.4381	Before	Interior Girder 2	126.4381	0.95	1	1	4.847121
Type 3S2_serv	BOBJ1	126.4381	Before	Right Exterior Girder	126.4381	0.95	1	1	5.424365
Type 3S2_serv	BOBJ1	126.4381	After	Left Exterior Girder	126.4381	0.95	1	1	2.866114
Type 3S2_serv	BOBJ1	126.4381	After	Interior Girder 1	126.4381	0.95	1	1	2.564551
Type 3S2_serv	BOBJ1	126.4381	After	Interior Girder 2	126.4381	0.95	1	1	2.564551
Type 3S2_serv	BOBJ1	126.4381	After	Right Exterior Girder	126.4381	0.95	1	1	2.866114
Type 3S2_serv	BOBJ1	135	Before	Left Exterior Girder	135	0.95	1	1	3.682478
Type 3S2_serv	BOBJ1	135	Before	Interior Girder 1	135	0.95	1	1	3.26145
Type 3S2_serv	BOBJ1	135	Before	Interior Girder 2	135	0.95	1	1	3.26145
Type 3S2_serv	BOBJ1	135	Before	Right Exterior Girder	135	0.95	1	1	3.682478
Type 3S2_serv	BOBJ1	135	After	Left Exterior Girder	135	0.95	1	1	3.616179
Type 3S2_serv	BOBJ1	135	After	Interior Girder 1	135	0.95	1	1	3.242221
Type 3S2_serv	BOBJ1	135	After	Interior Girder 2	135	0.95	1	1	3.242221
Type 3S2_serv	BOBJ1	135	After	Right Exterior Girder	135	0.95	1	1	3.616179
Type 3S2_serv	BOBJ1	146.25	Before	Left Exterior Girder	146.25	0.95	1	1	5.221313
Type 3S2_serv	BOBJ1	146.25	Before	Interior Girder 1	146.25	0.95	1	1	4.459691
Type 3S2_serv	BOBJ1	146.25	Before	Interior Girder 2	146.25	0.95	1	1	4.459691
Type 3S2_serv	BOBJ1	146.25	Before	Right Exterior Girder	146.25	0.95	1	1	5.221313
Type 3S2_serv	BOBJ1	146.25	After	Left Exterior Girder	146.25	0.95	1	1	5.218047
Type 3S2_serv	BOBJ1	146.25	After	Interior Girder 1	146.25	0.95	1	1	4.459853
Type 3S2_serv	BOBJ1	146.25	After	Interior Girder 2	146.25	0.95	1	1	4.459852
Type 3S2_serv	BOBJ1	146.25	After	Right Exterior Girder	146.25	0.95	1	1	5.218047
Type 3S2_serv	BOBJ1	157.5	Before	Left Exterior Girder	157.5	0.95	1	1	5.296513
Type 3S2_serv	BOBJ1	157.5	Before	Interior Girder 1	157.5	0.95	1	1	5.274896
Type 3S2_serv	BOBJ1	157.5	Before	Interior Girder 2	157.5	0.95	1	1	5.274895
Type 3S2_serv	BOBJ1	157.5	Before	Right Exterior Girder	157.5	0.95	1	1	5.296513
Type 3S2_serv	BOBJ1	157.5	After	Left Exterior Girder	157.5	0.95	1	1	5.3431
Type 3S2_serv	BOBJ1	157.5	After	Interior Girder 1	157.5	0.95	1	1	5.302823
Type 3S2_serv	BOBJ1	157.5	After	Interior Girder 2	157.5	0.95	1	1	5.302823
Type 3S2_serv	BOBJ1	157.5	After	Right Exterior Girder	157.5	0.95	1	1	5.3431
Type 3S2_serv	BOBJ1	168.2522	Before	Left Exterior Girder	168.2522	0.95	1	1	3.32327
Type 3S2_serv	BOBJ1	168.2522	Before	Interior Girder 1	168.2522	0.95	1	1	3.262573
Type 3S2_serv	BOBJ1	168.2522	Before	Interior Girder 2	168.2522	0.95	1	1	3.262573
Type 3S2_serv	BOBJ1	168.2522	Before	Right Exterior Girder	168.2522	0.95	1	1	3.323271
Type 3S2_serv	BOBJ1	168.2522	After	Left Exterior Girder	168.2522	0.95	1	1	8.356175
Type 3S2_serv	BOBJ1	168.2522	After	Interior Girder 1	168.2522	0.95	1	1	8.141635
Type 3S2_serv	BOBJ1	168.2522	After	Interior Girder 2	168.2522	0.95	1	1	8.141635
Type 3S2_serv	BOBJ1	168.2522	After	Right Exterior Girder	168.2522	0.95	1	1	8.356175
Type 3S2_serv	BOBJ1	168.75	Before	Left Exterior Girder	168.75	0.95	1	1	8.245096
Type 3S2_serv	BOBJ1	168.75	Before	Interior Girder 1	168.75	0.95	1	1	8.038589
Type 3S2_serv	BOBJ1	168.75	Before	Interior Girder 2	168.75	0.95	1	1	8.038589
Type 3S2_serv	BOBJ1	168.75	Before	Right Exterior Girder	168.75	0.95	1	1	8.245097
Type 3S2_serv	BOBJ1	168.75	After	Left Exterior Girder	168.75	0.95	1	1	8.256266
Type 3S2_serv	BOBJ1	168.75	After	Interior Girder 1	168.75	0.95	1	1	8.028929
Type 3S2_serv	BOBJ1	168.75	After	Interior Girder 2	168.75	0.95	1	1	8.028929
Type 3S2_serv	BOBJ1	168.75	After	Right Exterior Girder	168.75	0.95	1	1	8.256267
Type 3S2_serv	BOBJ1	180	Before	Left Exterior Girder	180	0.95	1	1	5.904144
Type 3S2_serv	BOBJ1	180	Before	Interior Girder 1	180	0.95	1	1	5.659502
Type 3S2_serv	BOBJ1	180	Before	Interior Girder 2	180	0.95	1	1	5.659502
Type 3S2_serv	BOBJ1	180	Before	Right Exterior Girder	180	0.95	1	1	5.904144
Type 3S2_serv	BOBJ1	180	After	Left Exterior Girder	180	0.95	1	1	5.876813
Type 3S2_serv	BOBJ1	180	After	Interior Girder 1	180	0.95	1	1	5.642061
Type 3S2_serv	BOBJ1	180	After	Interior Girder 2	180	0.95	1	1	5.642061
Type 3S2_serv	BOBJ1	180	After	Right Exterior Girder	180	0.95	1	1	5.876814
Type 3S2_serv	BOBJ1	183.1858	Before	Left Exterior Girder	183.1858	0.95	1	1	5.22267
Type 3S2_serv	BOBJ1	183.1858	Before	Interior Girder 1	183.1858	0.95	1	1	4.989496
Type 3S2_serv	BOBJ1	183.1858	Before	Interior Girder 2	183.1858	0.95	1	1	4.989496
Type 3S2_serv	BOBJ1	183.1858	Before	Right Exterior Girder	183.1858	0.95	1	1	5.22267

TABLE: Bridge Super Rating AASHTORATE18 26 - SteelINonCompServ-Flx - Main Span Girders									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Type 3S2_serv	BOBJ1	183.1858	After	Left Exterior Girder	183.1858	0.95	1	1	10.933577
Type 3S2_serv	BOBJ1	183.1858	After	Interior Girder 1	183.1858	0.95	1	1	10.405881
Type 3S2_serv	BOBJ1	183.1858	After	Interior Girder 2	183.1858	0.95	1	1	10.405881
Type 3S2_serv	BOBJ1	183.1858	After	Right Exterior Girder	183.1858	0.95	1	1	10.933578
Type 3S2_serv	BOBJ1	191.25	Before	Left Exterior Girder	191.25	0.95	1	1	9.08225
Type 3S2_serv	BOBJ1	191.25	Before	Interior Girder 1	191.25	0.95	1	1	8.503845
Type 3S2_serv	BOBJ1	191.25	Before	Interior Girder 2	191.25	0.95	1	1	8.503846
Type 3S2_serv	BOBJ1	191.25	Before	Right Exterior Girder	191.25	0.95	1	1	9.08225
Type 3S2_serv	BOBJ1	191.25	After	Left Exterior Girder	191.25	0.95	1	1	9.101975
Type 3S2_serv	BOBJ1	191.25	After	Interior Girder 1	191.25	0.95	1	1	8.489772
Type 3S2_serv	BOBJ1	191.25	After	Interior Girder 2	191.25	0.95	1	1	8.489772
Type 3S2_serv	BOBJ1	191.25	After	Right Exterior Girder	191.25	0.95	1	1	9.101975
Type 3S2_serv	BOBJ1	199.9414	Before	Left Exterior Girder	199.9414	0.95	1	1	7.071728
Type 3S2_serv	BOBJ1	199.9414	Before	Interior Girder 1	199.9414	0.95	1	1	6.524504
Type 3S2_serv	BOBJ1	199.9414	Before	Interior Girder 2	199.9414	0.95	1	1	6.524504
Type 3S2_serv	BOBJ1	199.9414	Before	Right Exterior Girder	199.9414	0.95	1	1	7.071728
Type 3S2_serv	BOBJ1	199.9414	After	Left Exterior Girder	199.9414	0.95	1	1	11.566872
Type 3S2_serv	BOBJ1	199.9414	After	Interior Girder 1	199.9414	0.95	1	1	10.649667
Type 3S2_serv	BOBJ1	199.9414	After	Interior Girder 2	199.9414	0.95	1	1	10.649667
Type 3S2_serv	BOBJ1	199.9414	After	Right Exterior Girder	199.9414	0.95	1	1	11.566872
Type 3S2_serv	BOBJ1	202.5	Before	Left Exterior Girder	202.5	0.95	1	1	10.647464
Type 3S2_serv	BOBJ1	202.5	Before	Interior Girder 1	202.5	0.95	1	1	10.016696
Type 3S2_serv	BOBJ1	202.5	Before	Interior Girder 2	202.5	0.95	1	1	10.016696
Type 3S2_serv	BOBJ1	202.5	Before	Right Exterior Girder	202.5	0.95	1	1	10.647464
Type 3S2_serv	BOBJ1	202.5	After	Left Exterior Girder	202.5	0.95	1	1	10.922461
Type 3S2_serv	BOBJ1	202.5	After	Interior Girder 1	202.5	0.95	1	1	10.032379
Type 3S2_serv	BOBJ1	202.5	After	Interior Girder 2	202.5	0.95	1	1	10.032379
Type 3S2_serv	BOBJ1	202.5	After	Right Exterior Girder	202.5	0.95	1	1	10.922461
Type 3S2_serv	BOBJ1	210.5642	Before	Left Exterior Girder	210.5642	0.95	1	1	8.219499
Type 3S2_serv	BOBJ1	210.5642	Before	Interior Girder 1	210.5642	0.95	1	1	7.872217
Type 3S2_serv	BOBJ1	210.5642	Before	Interior Girder 2	210.5642	0.95	1	1	7.872217
Type 3S2_serv	BOBJ1	210.5642	Before	Right Exterior Girder	210.5642	0.95	1	1	8.219499
Type 3S2_serv	BOBJ1	210.5642	After	Left Exterior Girder	210.5642	0.95	1	1	12.148831
Type 3S2_serv	BOBJ1	210.5642	After	Interior Girder 1	210.5642	0.95	1	1	11.646907
Type 3S2_serv	BOBJ1	210.5642	After	Interior Girder 2	210.5642	0.95	1	1	11.646907
Type 3S2_serv	BOBJ1	210.5642	After	Right Exterior Girder	210.5642	0.95	1	1	12.14883
Type 3S2_serv	BOBJ1	213.75	Before	Left Exterior Girder	213.75	0.95	1	1	10.927052
Type 3S2_serv	BOBJ1	213.75	Before	Interior Girder 1	213.75	0.95	1	1	10.401192
Type 3S2_serv	BOBJ1	213.75	Before	Interior Girder 2	213.75	0.95	1	1	10.401191
Type 3S2_serv	BOBJ1	213.75	Before	Right Exterior Girder	213.75	0.95	1	1	10.927052
Type 3S2_serv	BOBJ1	213.75	After	Left Exterior Girder	213.75	0.95	1	1	10.914223
Type 3S2_serv	BOBJ1	213.75	After	Interior Girder 1	213.75	0.95	1	1	10.383323
Type 3S2_serv	BOBJ1	213.75	After	Interior Girder 2	213.75	0.95	1	1	10.383323
Type 3S2_serv	BOBJ1	213.75	After	Right Exterior Girder	213.75	0.95	1	1	10.914223
Type 3S2_serv	BOBJ1	225	Before	Left Exterior Girder	225	0.95	1	1	6.949103
Type 3S2_serv	BOBJ1	225	Before	Interior Girder 1	225	0.95	1	1	6.329664
Type 3S2_serv	BOBJ1	225	Before	Interior Girder 2	225	0.95	1	1	6.329664
Type 3S2_serv	BOBJ1	225	Before	Right Exterior Girder	225	0.95	1	1	6.949103
Type 3S2_serv	BOBJ1	225	After	Left Exterior Girder	0	0.95	1	1	6.576491
Type 3S2_serv	BOBJ1	225	After	Interior Girder 1	0	0.95	1	1	6.155663
Type 3S2_serv	BOBJ1	225	After	Interior Girder 2	0	0.95	1	1	6.155663
Type 3S2_serv	BOBJ1	225	After	Right Exterior Girder	0	0.95	1	1	6.576491
Type 3S2_serv	BOBJ1	236.45	Before	Left Exterior Girder	11.45	0.95	1	1	10.996756
Type 3S2_serv	BOBJ1	236.45	Before	Interior Girder 1	11.45	0.95	1	1	11.005776
Type 3S2_serv	BOBJ1	236.45	Before	Interior Girder 2	11.45	0.95	1	1	11.005776
Type 3S2_serv	BOBJ1	236.45	Before	Right Exterior Girder	11.45	0.95	1	1	10.996756
Type 3S2_serv	BOBJ1	236.45	After	Left Exterior Girder	11.45	0.95	1	1	11.019358
Type 3S2_serv	BOBJ1	236.45	After	Interior Girder 1	11.45	0.95	1	1	11.011803
Type 3S2_serv	BOBJ1	236.45	After	Interior Girder 2	11.45	0.95	1	1	11.011803
Type 3S2_serv	BOBJ1	236.45	After	Right Exterior Girder	11.45	0.95	1	1	11.019357
Type 3S2_serv	BOBJ1	239.5082	Before	Left Exterior Girder	14.5082	0.95	1	1	12.521109
Type 3S2_serv	BOBJ1	239.5082	Before	Interior Girder 1	14.5082	0.95	1	1	12.567582
Type 3S2_serv	BOBJ1	239.5082	Before	Interior Girder 2	14.5082	0.95	1	1	12.567583
Type 3S2_serv	BOBJ1	239.5082	Before	Right Exterior Girder	14.5082	0.95	1	1	12.521109
Type 3S2_serv	BOBJ1	239.5082	After	Left Exterior Girder	14.5082	0.95	1	1	8.520901
Type 3S2_serv	BOBJ1	239.5082	After	Interior Girder 1	14.5082	0.95	1	1	8.564918
Type 3S2_serv	BOBJ1	239.5082	After	Interior Girder 2	14.5082	0.95	1	1	8.564919
Type 3S2_serv	BOBJ1	239.5082	After	Right Exterior Girder	14.5082	0.95	1	1	8.520901
Type 3S2_serv	BOBJ1	247.9	Before	Left Exterior Girder	22.9	0.95	1	1	12.526155
Type 3S2_serv	BOBJ1	247.9	Before	Interior Girder 1	22.9	0.95	1	1	12.429492

TABLE: Bridge Super Rating AASHTORATE18 26 - SteelINonCompServ-Flx - Main Span Girders									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Type 3S2_serv	BOBJ1	247.9	Before	Interior Girder 2	22.9	0.95	1	1	12.429492
Type 3S2_serv	BOBJ1	247.9	Before	Right Exterior Girder	22.9	0.95	1	1	12.526155
Type 3S2_serv	BOBJ1	247.9	After	Left Exterior Girder	22.9	0.95	1	1	12.226819
Type 3S2_serv	BOBJ1	247.9	After	Interior Girder 1	22.9	0.95	1	1	12.446604
Type 3S2_serv	BOBJ1	247.9	After	Interior Girder 2	22.9	0.95	1	1	12.446604
Type 3S2_serv	BOBJ1	247.9	After	Right Exterior Girder	22.9	0.95	1	1	12.226818
Type 3S2_serv	BOBJ1	258.5189	Before	Left Exterior Girder	33.5189	0.95	1	1	17.027357
Type 3S2_serv	BOBJ1	258.5189	Before	Interior Girder 1	33.5189	0.95	1	1	15.902637
Type 3S2_serv	BOBJ1	258.5189	Before	Interior Girder 2	33.5189	0.95	1	1	15.902637
Type 3S2_serv	BOBJ1	258.5189	Before	Right Exterior Girder	33.5189	0.95	1	1	17.027357
Type 3S2_serv	BOBJ1	258.5189	After	Left Exterior Girder	33.5189	0.95	1	1	11.818748
Type 3S2_serv	BOBJ1	258.5189	After	Interior Girder 1	33.5189	0.95	1	1	10.925019
Type 3S2_serv	BOBJ1	258.5189	After	Interior Girder 2	33.5189	0.95	1	1	10.925019
Type 3S2_serv	BOBJ1	258.5189	After	Right Exterior Girder	33.5189	0.95	1	1	11.818748
Type 3S2_serv	BOBJ1	259.3	Before	Left Exterior Girder	34.3	0.95	1	1	12.061442
Type 3S2_serv	BOBJ1	259.3	Before	Interior Girder 1	34.3	0.95	1	1	11.163272
Type 3S2_serv	BOBJ1	259.3	Before	Interior Girder 2	34.3	0.95	1	1	11.163272
Type 3S2_serv	BOBJ1	259.3	Before	Right Exterior Girder	34.3	0.95	1	1	12.061443
Type 3S2_serv	BOBJ1	259.3	After	Left Exterior Girder	34.3	0.95	1	1	12.05563
Type 3S2_serv	BOBJ1	259.3	After	Interior Girder 1	34.3	0.95	1	1	11.1683
Type 3S2_serv	BOBJ1	259.3	After	Interior Girder 2	34.3	0.95	1	1	11.1683
Type 3S2_serv	BOBJ1	259.3	After	Right Exterior Girder	34.3	0.95	1	1	12.05563
Type 3S2_serv	BOBJ1	266.1031	Before	Left Exterior Girder	41.1031	0.95	1	1	14.106405
Type 3S2_serv	BOBJ1	266.1031	Before	Interior Girder 1	41.1031	0.95	1	1	13.275681
Type 3S2_serv	BOBJ1	266.1031	Before	Interior Girder 2	41.1031	0.95	1	1	13.27568
Type 3S2_serv	BOBJ1	266.1031	Before	Right Exterior Girder	41.1031	0.95	1	1	14.106405
Type 3S2_serv	BOBJ1	266.1031	After	Left Exterior Girder	41.1031	0.95	1	1	7.567972
Type 3S2_serv	BOBJ1	266.1031	After	Interior Girder 1	41.1031	0.95	1	1	7.129413
Type 3S2_serv	BOBJ1	266.1031	After	Interior Girder 2	41.1031	0.95	1	1	7.129413
Type 3S2_serv	BOBJ1	266.1031	After	Right Exterior Girder	41.1031	0.95	1	1	7.567972
Type 3S2_serv	BOBJ1	270.7	Before	Left Exterior Girder	45.7	0.95	1	1	8.851439
Type 3S2_serv	BOBJ1	270.7	Before	Interior Girder 1	45.7	0.95	1	1	8.424919
Type 3S2_serv	BOBJ1	270.7	Before	Interior Girder 2	45.7	0.95	1	1	8.424919
Type 3S2_serv	BOBJ1	270.7	Before	Right Exterior Girder	45.7	0.95	1	1	8.851439
Type 3S2_serv	BOBJ1	270.7	After	Left Exterior Girder	45.7	0.95	1	1	8.914637
Type 3S2_serv	BOBJ1	270.7	After	Interior Girder 1	45.7	0.95	1	1	8.472841
Type 3S2_serv	BOBJ1	270.7	After	Interior Girder 2	45.7	0.95	1	1	8.472841
Type 3S2_serv	BOBJ1	270.7	After	Right Exterior Girder	45.7	0.95	1	1	8.914637
Type 3S2_serv	BOBJ1	273.6874	Before	Left Exterior Girder	48.6874	0.95	1	1	9.766458
Type 3S2_serv	BOBJ1	273.6874	Before	Interior Girder 1	48.6874	0.95	1	1	9.317159
Type 3S2_serv	BOBJ1	273.6874	Before	Interior Girder 2	48.6874	0.95	1	1	9.317159
Type 3S2_serv	BOBJ1	273.6874	Before	Right Exterior Girder	48.6874	0.95	1	1	9.766458
Type 3S2_serv	BOBJ1	273.6874	After	Left Exterior Girder	48.6874	0.95	1	1	4.203845
Type 3S2_serv	BOBJ1	273.6874	After	Interior Girder 1	48.6874	0.95	1	1	4.040809
Type 3S2_serv	BOBJ1	273.6874	After	Interior Girder 2	48.6874	0.95	1	1	4.040809
Type 3S2_serv	BOBJ1	273.6874	After	Right Exterior Girder	48.6874	0.95	1	1	4.203845
Type 3S2_serv	BOBJ1	282.15	Before	Left Exterior Girder	57.15	0.95	1	1	6.442862
Type 3S2_serv	BOBJ1	282.15	Before	Interior Girder 1	57.15	0.95	1	1	6.248454
Type 3S2_serv	BOBJ1	282.15	Before	Interior Girder 2	57.15	0.95	1	1	6.248454
Type 3S2_serv	BOBJ1	282.15	Before	Right Exterior Girder	57.15	0.95	1	1	6.442862
Type 3S2_serv	BOBJ1	282.15	After	Left Exterior Girder	57.15	0.95	1	1	6.433603
Type 3S2_serv	BOBJ1	282.15	After	Interior Girder 1	57.15	0.95	1	1	6.25787
Type 3S2_serv	BOBJ1	282.15	After	Interior Girder 2	57.15	0.95	1	1	6.25787
Type 3S2_serv	BOBJ1	282.15	After	Right Exterior Girder	57.15	0.95	1	1	6.433603
Type 3S2_serv	BOBJ1	293.6	Before	Left Exterior Girder	68.6	0.95	1	1	5.17067
Type 3S2_serv	BOBJ1	293.6	Before	Interior Girder 1	68.6	0.95	1	1	4.205144
Type 3S2_serv	BOBJ1	293.6	Before	Interior Girder 2	68.6	0.95	1	1	4.205144
Type 3S2_serv	BOBJ1	293.6	Before	Right Exterior Girder	68.6	0.95	1	1	5.17067
Type 3S2_serv	BOBJ1	293.6	After	Left Exterior Girder	68.6	0.95	1	1	5.357614
Type 3S2_serv	BOBJ1	293.6	After	Interior Girder 1	68.6	0.95	1	1	4.287328
Type 3S2_serv	BOBJ1	293.6	After	Interior Girder 2	68.6	0.95	1	1	4.287328
Type 3S2_serv	BOBJ1	293.6	After	Right Exterior Girder	68.6	0.95	1	1	5.357614
Type 3S2_serv	BOBJ1	305	Before	Left Exterior Girder	80	0.95	1	1	2.859774
Type 3S2_serv	BOBJ1	305	Before	Interior Girder 1	80	0.95	1	1	2.351919
Type 3S2_serv	BOBJ1	305	Before	Interior Girder 2	80	0.95	1	1	2.351919
Type 3S2_serv	BOBJ1	305	Before	Right Exterior Girder	80	0.95	1	1	2.859774
Type 3S2_serv	BOBJ1	305	After	Left Exterior Girder	80	0.95	1	1	2.858621
Type 3S2_serv	BOBJ1	305	After	Interior Girder 1	80	0.95	1	1	2.351377
Type 3S2_serv	BOBJ1	305	After	Interior Girder 2	80	0.95	1	1	2.351377
Type 3S2_serv	BOBJ1	305	After	Right Exterior Girder	80	0.95	1	1	2.858621

TABLE: Bridge Super Rating AASHTORATE18 26 - SteelNonCompServ-Flx - Main Span Girders									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Type 3S2_serv	BOBJ1	306.9561	Before	Left Exterior Girder	81.9561	0.95	1	1	2.529124
Type 3S2_serv	BOBJ1	306.9561	Before	Interior Girder 1	81.9561	0.95	1	1	2.103753
Type 3S2_serv	BOBJ1	306.9561	Before	Interior Girder 2	81.9561	0.95	1	1	2.103753
Type 3S2_serv	BOBJ1	306.9561	Before	Right Exterior Girder	81.9561	0.95	1	1	2.529124
Type 3S2_serv	BOBJ1	306.9561	After	Left Exterior Girder	81.9561	0.95	1	1	6.613846
Type 3S2_serv	BOBJ1	306.9561	After	Interior Girder 1	81.9561	0.95	1	1	5.570452
Type 3S2_serv	BOBJ1	306.9561	After	Interior Girder 2	81.9561	0.95	1	1	5.570453
Type 3S2_serv	BOBJ1	306.9561	After	Right Exterior Girder	81.9561	0.95	1	1	6.613846
Type 3S2_serv	BOBJ1	316.4	Before	Left Exterior Girder	91.4	0.95	1	1	4.825399
Type 3S2_serv	BOBJ1	316.4	Before	Interior Girder 1	91.4	0.95	1	1	4.222211
Type 3S2_serv	BOBJ1	316.4	Before	Interior Girder 2	91.4	0.95	1	1	4.222211
Type 3S2_serv	BOBJ1	316.4	Before	Right Exterior Girder	91.4	0.95	1	1	4.825399
Type 3S2_serv	BOBJ1	316.4	After	Left Exterior Girder	91.4	0.95	1	1	4.890718
Type 3S2_serv	BOBJ1	316.4	After	Interior Girder 1	91.4	0.95	1	1	4.225135
Type 3S2_serv	BOBJ1	316.4	After	Interior Girder 2	91.4	0.95	1	1	4.225135
Type 3S2_serv	BOBJ1	316.4	After	Right Exterior Girder	91.4	0.95	1	1	4.890718
Type 3S2_serv	BOBJ1	327.85	Before	Left Exterior Girder	102.9679	0.95	1	1	3.487956
Type 3S2_serv	BOBJ1	327.85	Before	Interior Girder 1	102.9679	0.95	1	1	3.035448
Type 3S2_serv	BOBJ1	327.85	Before	Interior Girder 2	102.9679	0.95	1	1	3.035448
Type 3S2_serv	BOBJ1	327.85	Before	Right Exterior Girder	102.9679	0.95	1	1	3.487956
Type 3S2_serv	BOBJ1	327.85	After	Left Exterior Girder	102.9679	0.95	1	1	6.728277
Type 3S2_serv	BOBJ1	327.85	After	Interior Girder 1	102.9679	0.95	1	1	5.960544
Type 3S2_serv	BOBJ1	327.85	After	Interior Girder 2	102.9679	0.95	1	1	5.960545
Type 3S2_serv	BOBJ1	327.85	After	Right Exterior Girder	102.9679	0.95	1	1	6.728276
Type 3S2_serv	BOBJ1	339.3	Before	Left Exterior Girder	114.3	0.95	1	1	5.46004
Type 3S2_serv	BOBJ1	339.3	Before	Interior Girder 1	114.3	0.95	1	1	4.954874
Type 3S2_serv	BOBJ1	339.3	Before	Interior Girder 2	114.3	0.95	1	1	4.954875
Type 3S2_serv	BOBJ1	339.3	Before	Right Exterior Girder	114.3	0.95	1	1	5.46004
Type 3S2_serv	BOBJ1	339.3	After	Left Exterior Girder	114.3	0.95	1	1	5.496637
Type 3S2_serv	BOBJ1	339.3	After	Interior Girder 1	114.3	0.95	1	1	4.966624
Type 3S2_serv	BOBJ1	339.3	After	Interior Girder 2	114.3	0.95	1	1	4.966624
Type 3S2_serv	BOBJ1	339.3	After	Right Exterior Girder	114.3	0.95	1	1	5.496637
Type 3S2_serv	BOBJ1	350.7	Before	Left Exterior Girder	125.7	0.95	1	1	4.708138
Type 3S2_serv	BOBJ1	350.7	Before	Interior Girder 1	125.7	0.95	1	1	4.245054
Type 3S2_serv	BOBJ1	350.7	Before	Interior Girder 2	125.7	0.95	1	1	4.245054
Type 3S2_serv	BOBJ1	350.7	Before	Right Exterior Girder	125.7	0.95	1	1	4.708138
Type 3S2_serv	BOBJ1	350.7	After	Left Exterior Girder	125.7	0.95	1	1	4.702084
Type 3S2_serv	BOBJ1	350.7	After	Interior Girder 1	125.7	0.95	1	1	4.248992
Type 3S2_serv	BOBJ1	350.7	After	Interior Girder 2	125.7	0.95	1	1	4.248992
Type 3S2_serv	BOBJ1	350.7	After	Right Exterior Girder	125.7	0.95	1	1	4.702084
Type 3S2_serv	BOBJ1	362.1	Before	Left Exterior Girder	137.1	0.95	1	1	4.166572
Type 3S2_serv	BOBJ1	362.1	Before	Interior Girder 1	137.1	0.95	1	1	3.820795
Type 3S2_serv	BOBJ1	362.1	Before	Interior Girder 2	137.1	0.95	1	1	3.820795
Type 3S2_serv	BOBJ1	362.1	Before	Right Exterior Girder	137.1	0.95	1	1	4.166572
Type 3S2_serv	BOBJ1	362.1	After	Left Exterior Girder	137.1	0.95	1	1	4.185008
Type 3S2_serv	BOBJ1	362.1	After	Interior Girder 1	137.1	0.95	1	1	3.832027
Type 3S2_serv	BOBJ1	362.1	After	Interior Girder 2	137.1	0.95	1	1	3.832027
Type 3S2_serv	BOBJ1	362.1	After	Right Exterior Girder	137.1	0.95	1	1	4.185008
Type 3S2_serv	BOBJ1	373.55	Before	Left Exterior Girder	148.55	0.95	1	1	3.917187
Type 3S2_serv	BOBJ1	373.55	Before	Interior Girder 1	148.55	0.95	1	1	3.560903
Type 3S2_serv	BOBJ1	373.55	Before	Interior Girder 2	148.55	0.95	1	1	3.560903
Type 3S2_serv	BOBJ1	373.55	Before	Right Exterior Girder	148.55	0.95	1	1	3.917187
Type 3S2_serv	BOBJ1	373.55	After	Left Exterior Girder	148.55	0.95	1	1	3.913063
Type 3S2_serv	BOBJ1	373.55	After	Interior Girder 1	148.55	0.95	1	1	3.56418
Type 3S2_serv	BOBJ1	373.55	After	Interior Girder 2	148.55	0.95	1	1	3.56418
Type 3S2_serv	BOBJ1	373.55	After	Right Exterior Girder	148.55	0.95	1	1	3.913063
Type 3S2_serv	BOBJ1	385	Before	Left Exterior Girder	160	0.95	1	1	3.81272
Type 3S2_serv	BOBJ1	385	Before	Interior Girder 1	160	0.95	1	1	3.506136
Type 3S2_serv	BOBJ1	385	Before	Interior Girder 2	160	0.95	1	1	3.506136
Type 3S2_serv	BOBJ1	385	Before	Right Exterior Girder	160	0.95	1	1	3.81272
Type 3S2_serv	BOBJ1	385	After	Left Exterior Girder	160	0.95	1	1	3.81272
Type 3S2_serv	BOBJ1	385	After	Interior Girder 1	160	0.95	1	1	3.506136
Type 3S2_serv	BOBJ1	385	After	Interior Girder 2	160	0.95	1	1	3.506136
Type 3S2_serv	BOBJ1	385	After	Right Exterior Girder	160	0.95	1	1	3.81272
Type 3S2_serv	BOBJ1	396.45	Before	Left Exterior Girder	171.45	0.95	1	1	3.913063
Type 3S2_serv	BOBJ1	396.45	Before	Interior Girder 1	171.45	0.95	1	1	3.56418
Type 3S2_serv	BOBJ1	396.45	Before	Interior Girder 2	171.45	0.95	1	1	3.56418
Type 3S2_serv	BOBJ1	396.45	Before	Right Exterior Girder	171.45	0.95	1	1	3.913063
Type 3S2_serv	BOBJ1	396.45	After	Left Exterior Girder	171.45	0.95	1	1	3.917187
Type 3S2_serv	BOBJ1	396.45	After	Interior Girder 1	171.45	0.95	1	1	3.560903

TABLE: Bridge Super Rating AASHTORATE18 26 - SteelNonCompServ-Flx - Main Span Girders									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Type 3S2_serv	BOBJ1	396.45	After	Interior Girder 2	171.45	0.95	1	1	3.560903
Type 3S2_serv	BOBJ1	396.45	After	Right Exterior Girder	171.45	0.95	1	1	3.917187
Type 3S2_serv	BOBJ1	407.9	Before	Left Exterior Girder	182.9	0.95	1	1	4.185009
Type 3S2_serv	BOBJ1	407.9	Before	Interior Girder 1	182.9	0.95	1	1	3.832027
Type 3S2_serv	BOBJ1	407.9	Before	Interior Girder 2	182.9	0.95	1	1	3.832027
Type 3S2_serv	BOBJ1	407.9	Before	Right Exterior Girder	182.9	0.95	1	1	4.185009
Type 3S2_serv	BOBJ1	407.9	After	Left Exterior Girder	182.9	0.95	1	1	4.166572
Type 3S2_serv	BOBJ1	407.9	After	Interior Girder 1	182.9	0.95	1	1	3.820795
Type 3S2_serv	BOBJ1	407.9	After	Interior Girder 2	182.9	0.95	1	1	3.820795
Type 3S2_serv	BOBJ1	407.9	After	Right Exterior Girder	182.9	0.95	1	1	4.166572
Type 3S2_serv	BOBJ1	419.3	Before	Left Exterior Girder	194.3	0.95	1	1	4.702084
Type 3S2_serv	BOBJ1	419.3	Before	Interior Girder 1	194.3	0.95	1	1	4.248992
Type 3S2_serv	BOBJ1	419.3	Before	Interior Girder 2	194.3	0.95	1	1	4.248992
Type 3S2_serv	BOBJ1	419.3	Before	Right Exterior Girder	194.3	0.95	1	1	4.702084
Type 3S2_serv	BOBJ1	419.3	After	Left Exterior Girder	194.3	0.95	1	1	4.708138
Type 3S2_serv	BOBJ1	419.3	After	Interior Girder 1	194.3	0.95	1	1	4.245053
Type 3S2_serv	BOBJ1	419.3	After	Interior Girder 2	194.3	0.95	1	1	4.245053
Type 3S2_serv	BOBJ1	419.3	After	Right Exterior Girder	194.3	0.95	1	1	4.708138
Type 3S2_serv	BOBJ1	430.7	Before	Left Exterior Girder	205.7	0.95	1	1	5.496637
Type 3S2_serv	BOBJ1	430.7	Before	Interior Girder 1	205.7	0.95	1	1	4.966624
Type 3S2_serv	BOBJ1	430.7	Before	Interior Girder 2	205.7	0.95	1	1	4.966624
Type 3S2_serv	BOBJ1	430.7	Before	Right Exterior Girder	205.7	0.95	1	1	5.496637
Type 3S2_serv	BOBJ1	430.7	After	Left Exterior Girder	205.7	0.95	1	1	5.46004
Type 3S2_serv	BOBJ1	430.7	After	Interior Girder 1	205.7	0.95	1	1	4.954874
Type 3S2_serv	BOBJ1	430.7	After	Interior Girder 2	205.7	0.95	1	1	4.954874
Type 3S2_serv	BOBJ1	430.7	After	Right Exterior Girder	205.7	0.95	1	1	5.46004
Type 3S2_serv	BOBJ1	442.15	Before	Left Exterior Girder	217.0321	0.95	1	1	6.716468
Type 3S2_serv	BOBJ1	442.15	Before	Interior Girder 1	217.0321	0.95	1	1	5.960172
Type 3S2_serv	BOBJ1	442.15	Before	Interior Girder 2	217.0321	0.95	1	1	5.960172
Type 3S2_serv	BOBJ1	442.15	Before	Right Exterior Girder	217.0321	0.95	1	1	6.716468
Type 3S2_serv	BOBJ1	442.15	After	Left Exterior Girder	217.0321	0.95	1	1	3.482783
Type 3S2_serv	BOBJ1	442.15	After	Interior Girder 1	217.0321	0.95	1	1	3.034203
Type 3S2_serv	BOBJ1	442.15	After	Interior Girder 2	217.0321	0.95	1	1	3.034203
Type 3S2_serv	BOBJ1	442.15	After	Right Exterior Girder	217.0321	0.95	1	1	3.482783
Type 3S2_serv	BOBJ1	453.6	Before	Left Exterior Girder	228.6	0.95	1	1	4.890718
Type 3S2_serv	BOBJ1	453.6	Before	Interior Girder 1	228.6	0.95	1	1	4.225135
Type 3S2_serv	BOBJ1	453.6	Before	Interior Girder 2	228.6	0.95	1	1	4.225135
Type 3S2_serv	BOBJ1	453.6	Before	Right Exterior Girder	228.6	0.95	1	1	4.890718
Type 3S2_serv	BOBJ1	453.6	After	Left Exterior Girder	228.6	0.95	1	1	4.825399
Type 3S2_serv	BOBJ1	453.6	After	Interior Girder 1	228.6	0.95	1	1	4.222211
Type 3S2_serv	BOBJ1	453.6	After	Interior Girder 2	228.6	0.95	1	1	4.222211
Type 3S2_serv	BOBJ1	453.6	After	Right Exterior Girder	228.6	0.95	1	1	4.825399
Type 3S2_serv	BOBJ1	463.0439	Before	Left Exterior Girder	238.0439	0.95	1	1	6.593329
Type 3S2_serv	BOBJ1	463.0439	Before	Interior Girder 1	238.0439	0.95	1	1	5.570175
Type 3S2_serv	BOBJ1	463.0439	Before	Interior Girder 2	238.0439	0.95	1	1	5.570175
Type 3S2_serv	BOBJ1	463.0439	Before	Right Exterior Girder	238.0439	0.95	1	1	6.593328
Type 3S2_serv	BOBJ1	463.0439	After	Left Exterior Girder	238.0439	0.95	1	1	2.521941
Type 3S2_serv	BOBJ1	463.0439	After	Interior Girder 1	238.0439	0.95	1	1	2.102737
Type 3S2_serv	BOBJ1	463.0439	After	Interior Girder 2	238.0439	0.95	1	1	2.102737
Type 3S2_serv	BOBJ1	463.0439	After	Right Exterior Girder	238.0439	0.95	1	1	2.52194
Type 3S2_serv	BOBJ1	465	Before	Left Exterior Girder	240	0.95	1	1	2.858621
Type 3S2_serv	BOBJ1	465	Before	Interior Girder 1	240	0.95	1	1	2.351377
Type 3S2_serv	BOBJ1	465	Before	Interior Girder 2	240	0.95	1	1	2.351377
Type 3S2_serv	BOBJ1	465	Before	Right Exterior Girder	240	0.95	1	1	2.858621
Type 3S2_serv	BOBJ1	465	After	Left Exterior Girder	240	0.95	1	1	2.859774
Type 3S2_serv	BOBJ1	465	After	Interior Girder 1	240	0.95	1	1	2.351919
Type 3S2_serv	BOBJ1	465	After	Interior Girder 2	240	0.95	1	1	2.351919
Type 3S2_serv	BOBJ1	465	After	Right Exterior Girder	240	0.95	1	1	2.859774
Type 3S2_serv	BOBJ1	476.4	Before	Left Exterior Girder	251.4	0.95	1	1	5.357614
Type 3S2_serv	BOBJ1	476.4	Before	Interior Girder 1	251.4	0.95	1	1	4.287328
Type 3S2_serv	BOBJ1	476.4	Before	Interior Girder 2	251.4	0.95	1	1	4.287329
Type 3S2_serv	BOBJ1	476.4	Before	Right Exterior Girder	251.4	0.95	1	1	5.357613
Type 3S2_serv	BOBJ1	476.4	After	Left Exterior Girder	251.4	0.95	1	1	5.170669
Type 3S2_serv	BOBJ1	476.4	After	Interior Girder 1	251.4	0.95	1	1	4.205144
Type 3S2_serv	BOBJ1	476.4	After	Interior Girder 2	251.4	0.95	1	1	4.205144
Type 3S2_serv	BOBJ1	476.4	After	Right Exterior Girder	251.4	0.95	1	1	5.170669
Type 3S2_serv	BOBJ1	487.85	Before	Left Exterior Girder	262.85	0.95	1	1	6.433603
Type 3S2_serv	BOBJ1	487.85	Before	Interior Girder 1	262.85	0.95	1	1	6.25787
Type 3S2_serv	BOBJ1	487.85	Before	Interior Girder 2	262.85	0.95	1	1	6.25787
Type 3S2_serv	BOBJ1	487.85	Before	Right Exterior Girder	262.85	0.95	1	1	6.433603

TABLE: Bridge Super Rating AASHTORATE18 26 - SteelNonCompServ-Flx - Main Span Girders									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Type 3S2_serv	BOBJ1	487.85	After	Left Exterior Girder	262.85	0.95	1	1	6.442862
Type 3S2_serv	BOBJ1	487.85	After	Interior Girder 1	262.85	0.95	1	1	6.248454
Type 3S2_serv	BOBJ1	487.85	After	Interior Girder 2	262.85	0.95	1	1	6.248454
Type 3S2_serv	BOBJ1	487.85	After	Right Exterior Girder	262.85	0.95	1	1	6.442862
Type 3S2_serv	BOBJ1	496.3126	Before	Left Exterior Girder	271.3126	0.95	1	1	4.204978
Type 3S2_serv	BOBJ1	496.3126	Before	Interior Girder 1	271.3126	0.95	1	1	4.044805
Type 3S2_serv	BOBJ1	496.3126	Before	Interior Girder 2	271.3126	0.95	1	1	4.044805
Type 3S2_serv	BOBJ1	496.3126	Before	Right Exterior Girder	271.3126	0.95	1	1	4.204978
Type 3S2_serv	BOBJ1	496.3126	After	Left Exterior Girder	271.3126	0.95	1	1	9.769964
Type 3S2_serv	BOBJ1	496.3126	After	Interior Girder 1	271.3126	0.95	1	1	9.325875
Type 3S2_serv	BOBJ1	496.3126	After	Interior Girder 2	271.3126	0.95	1	1	9.325875
Type 3S2_serv	BOBJ1	496.3126	After	Right Exterior Girder	271.3126	0.95	1	1	9.769964
Type 3S2_serv	BOBJ1	499.3	Before	Left Exterior Girder	274.3	0.95	1	1	8.914637
Type 3S2_serv	BOBJ1	499.3	Before	Interior Girder 1	274.3	0.95	1	1	8.472841
Type 3S2_serv	BOBJ1	499.3	Before	Interior Girder 2	274.3	0.95	1	1	8.472841
Type 3S2_serv	BOBJ1	499.3	Before	Right Exterior Girder	274.3	0.95	1	1	8.914637
Type 3S2_serv	BOBJ1	499.3	After	Left Exterior Girder	274.3	0.95	1	1	8.851438
Type 3S2_serv	BOBJ1	499.3	After	Interior Girder 1	274.3	0.95	1	1	8.424919
Type 3S2_serv	BOBJ1	499.3	After	Interior Girder 2	274.3	0.95	1	1	8.424919
Type 3S2_serv	BOBJ1	499.3	After	Right Exterior Girder	274.3	0.95	1	1	8.851438
Type 3S2_serv	BOBJ1	503.8969	Before	Left Exterior Girder	278.8969	0.95	1	1	7.567971
Type 3S2_serv	BOBJ1	503.8969	Before	Interior Girder 1	278.8969	0.95	1	1	7.129413
Type 3S2_serv	BOBJ1	503.8969	Before	Interior Girder 2	278.8969	0.95	1	1	7.129412
Type 3S2_serv	BOBJ1	503.8969	Before	Right Exterior Girder	278.8969	0.95	1	1	7.567971
Type 3S2_serv	BOBJ1	503.8969	After	Left Exterior Girder	278.8969	0.95	1	1	14.106405
Type 3S2_serv	BOBJ1	503.8969	After	Interior Girder 1	278.8969	0.95	1	1	13.27568
Type 3S2_serv	BOBJ1	503.8969	After	Interior Girder 2	278.8969	0.95	1	1	13.27568
Type 3S2_serv	BOBJ1	503.8969	After	Right Exterior Girder	278.8969	0.95	1	1	14.106405
Type 3S2_serv	BOBJ1	510.7	Before	Left Exterior Girder	285.7	0.95	1	1	12.05563
Type 3S2_serv	BOBJ1	510.7	Before	Interior Girder 1	285.7	0.95	1	1	11.1683
Type 3S2_serv	BOBJ1	510.7	Before	Interior Girder 2	285.7	0.95	1	1	11.1683
Type 3S2_serv	BOBJ1	510.7	Before	Right Exterior Girder	285.7	0.95	1	1	12.05563
Type 3S2_serv	BOBJ1	510.7	After	Left Exterior Girder	285.7	0.95	1	1	12.061442
Type 3S2_serv	BOBJ1	510.7	After	Interior Girder 1	285.7	0.95	1	1	11.163272
Type 3S2_serv	BOBJ1	510.7	After	Interior Girder 2	285.7	0.95	1	1	11.163272
Type 3S2_serv	BOBJ1	510.7	After	Right Exterior Girder	285.7	0.95	1	1	12.061442
Type 3S2_serv	BOBJ1	511.4811	Before	Left Exterior Girder	286.4811	0.95	1	1	11.821128
Type 3S2_serv	BOBJ1	511.4811	Before	Interior Girder 1	286.4811	0.95	1	1	10.930683
Type 3S2_serv	BOBJ1	511.4811	Before	Interior Girder 2	286.4811	0.95	1	1	10.930683
Type 3S2_serv	BOBJ1	511.4811	Before	Right Exterior Girder	286.4811	0.95	1	1	11.821128
Type 3S2_serv	BOBJ1	511.4811	After	Left Exterior Girder	286.4811	0.95	1	1	17.073234
Type 3S2_serv	BOBJ1	511.4811	After	Interior Girder 1	286.4811	0.95	1	1	15.91031
Type 3S2_serv	BOBJ1	511.4811	After	Interior Girder 2	286.4811	0.95	1	1	15.91031
Type 3S2_serv	BOBJ1	511.4811	After	Right Exterior Girder	286.4811	0.95	1	1	17.073234
Type 3S2_serv	BOBJ1	522.1	Before	Left Exterior Girder	297.1	0.95	1	1	12.226819
Type 3S2_serv	BOBJ1	522.1	Before	Interior Girder 1	297.1	0.95	1	1	12.446604
Type 3S2_serv	BOBJ1	522.1	Before	Interior Girder 2	297.1	0.95	1	1	12.446603
Type 3S2_serv	BOBJ1	522.1	Before	Right Exterior Girder	297.1	0.95	1	1	12.226819
Type 3S2_serv	BOBJ1	522.1	After	Left Exterior Girder	297.1	0.95	1	1	12.526155
Type 3S2_serv	BOBJ1	522.1	After	Interior Girder 1	297.1	0.95	1	1	12.429492
Type 3S2_serv	BOBJ1	522.1	After	Interior Girder 2	297.1	0.95	1	1	12.429492
Type 3S2_serv	BOBJ1	522.1	After	Right Exterior Girder	297.1	0.95	1	1	12.526155
Type 3S2_serv	BOBJ1	530.4918	Before	Left Exterior Girder	305.4918	0.95	1	1	8.520902
Type 3S2_serv	BOBJ1	530.4918	Before	Interior Girder 1	305.4918	0.95	1	1	8.564918
Type 3S2_serv	BOBJ1	530.4918	Before	Interior Girder 2	305.4918	0.95	1	1	8.564919
Type 3S2_serv	BOBJ1	530.4918	Before	Right Exterior Girder	305.4918	0.95	1	1	8.520902
Type 3S2_serv	BOBJ1	530.4918	After	Left Exterior Girder	305.4918	0.95	1	1	12.52111
Type 3S2_serv	BOBJ1	530.4918	After	Interior Girder 1	305.4918	0.95	1	1	12.567582
Type 3S2_serv	BOBJ1	530.4918	After	Interior Girder 2	305.4918	0.95	1	1	12.567583
Type 3S2_serv	BOBJ1	530.4918	After	Right Exterior Girder	305.4918	0.95	1	1	12.521109
Type 3S2_serv	BOBJ1	533.55	Before	Left Exterior Girder	308.55	0.95	1	1	11.019358
Type 3S2_serv	BOBJ1	533.55	Before	Interior Girder 1	308.55	0.95	1	1	11.011802
Type 3S2_serv	BOBJ1	533.55	Before	Interior Girder 2	308.55	0.95	1	1	11.011803
Type 3S2_serv	BOBJ1	533.55	Before	Right Exterior Girder	308.55	0.95	1	1	11.019358
Type 3S2_serv	BOBJ1	533.55	After	Left Exterior Girder	308.55	0.95	1	1	10.996757
Type 3S2_serv	BOBJ1	533.55	After	Interior Girder 1	308.55	0.95	1	1	11.005775
Type 3S2_serv	BOBJ1	533.55	After	Interior Girder 2	308.55	0.95	1	1	11.005776
Type 3S2_serv	BOBJ1	533.55	After	Right Exterior Girder	308.55	0.95	1	1	10.996756
Type 3S2_serv	BOBJ1	545	Before	Left Exterior Girder	320	0.95	1	1	6.576492
Type 3S2_serv	BOBJ1	545	Before	Interior Girder 1	320	0.95	1	1	6.155663

TABLE: Bridge Super Rating AASHTORATE18 26 - SteelINonCompServ-Flx - Main Span Girders									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Type 3S2_serv	BOBJ1	545	Before	Interior Girder 2	320	0.95	1	1	6.155663
Type 3S2_serv	BOBJ1	545	Before	Right Exterior Girder	320	0.95	1	1	6.576491
Type 3S2_serv	BOBJ1	545	After	Left Exterior Girder	0	0.95	1	1	6.949103
Type 3S2_serv	BOBJ1	545	After	Interior Girder 1	0	0.95	1	1	6.331611
Type 3S2_serv	BOBJ1	545	After	Interior Girder 2	0	0.95	1	1	6.331611
Type 3S2_serv	BOBJ1	545	After	Right Exterior Girder	0	0.95	1	1	6.949103
Type 3S2_serv	BOBJ1	556.25	Before	Left Exterior Girder	11.25	0.95	1	1	10.914223
Type 3S2_serv	BOBJ1	556.25	Before	Interior Girder 1	11.25	0.95	1	1	10.385191
Type 3S2_serv	BOBJ1	556.25	Before	Interior Girder 2	11.25	0.95	1	1	10.385191
Type 3S2_serv	BOBJ1	556.25	Before	Right Exterior Girder	11.25	0.95	1	1	10.914222
Type 3S2_serv	BOBJ1	556.25	After	Left Exterior Girder	11.25	0.95	1	1	10.927052
Type 3S2_serv	BOBJ1	556.25	After	Interior Girder 1	11.25	0.95	1	1	10.403016
Type 3S2_serv	BOBJ1	556.25	After	Interior Girder 2	11.25	0.95	1	1	10.403016
Type 3S2_serv	BOBJ1	556.25	After	Right Exterior Girder	11.25	0.95	1	1	10.927052
Type 3S2_serv	BOBJ1	559.4358	Before	Left Exterior Girder	14.4358	0.95	1	1	12.148831
Type 3S2_serv	BOBJ1	559.4358	Before	Interior Girder 1	14.4358	0.95	1	1	11.646907
Type 3S2_serv	BOBJ1	559.4358	Before	Interior Girder 2	14.4358	0.95	1	1	11.646907
Type 3S2_serv	BOBJ1	559.4358	Before	Right Exterior Girder	14.4358	0.95	1	1	12.14883
Type 3S2_serv	BOBJ1	559.4358	After	Left Exterior Girder	14.4358	0.95	1	1	8.219499
Type 3S2_serv	BOBJ1	559.4358	After	Interior Girder 1	14.4358	0.95	1	1	7.872217
Type 3S2_serv	BOBJ1	559.4358	After	Interior Girder 2	14.4358	0.95	1	1	7.872217
Type 3S2_serv	BOBJ1	559.4358	After	Right Exterior Girder	14.4358	0.95	1	1	8.219499
Type 3S2_serv	BOBJ1	567.5	Before	Left Exterior Girder	22.5	0.95	1	1	10.922462
Type 3S2_serv	BOBJ1	567.5	Before	Interior Girder 1	22.5	0.95	1	1	10.032379
Type 3S2_serv	BOBJ1	567.5	Before	Interior Girder 2	22.5	0.95	1	1	10.032379
Type 3S2_serv	BOBJ1	567.5	Before	Right Exterior Girder	22.5	0.95	1	1	10.922461
Type 3S2_serv	BOBJ1	567.5	After	Left Exterior Girder	22.5	0.95	1	1	10.647464
Type 3S2_serv	BOBJ1	567.5	After	Interior Girder 1	22.5	0.95	1	1	10.016697
Type 3S2_serv	BOBJ1	567.5	After	Interior Girder 2	22.5	0.95	1	1	10.016696
Type 3S2_serv	BOBJ1	567.5	After	Right Exterior Girder	22.5	0.95	1	1	10.647464
Type 3S2_serv	BOBJ1	570.0586	Before	Left Exterior Girder	25.0586	0.95	1	1	11.57519
Type 3S2_serv	BOBJ1	570.0586	Before	Interior Girder 1	25.0586	0.95	1	1	10.644301
Type 3S2_serv	BOBJ1	570.0586	Before	Interior Girder 2	25.0586	0.95	1	1	10.644301
Type 3S2_serv	BOBJ1	570.0586	Before	Right Exterior Girder	25.0586	0.95	1	1	11.57519
Type 3S2_serv	BOBJ1	570.0586	After	Left Exterior Girder	25.0586	0.95	1	1	7.077364
Type 3S2_serv	BOBJ1	570.0586	After	Interior Girder 1	25.0586	0.95	1	1	6.52004
Type 3S2_serv	BOBJ1	570.0586	After	Interior Girder 2	25.0586	0.95	1	1	6.52004
Type 3S2_serv	BOBJ1	570.0586	After	Right Exterior Girder	25.0586	0.95	1	1	7.077363
Type 3S2_serv	BOBJ1	578.75	Before	Left Exterior Girder	33.75	0.95	1	1	9.101975
Type 3S2_serv	BOBJ1	578.75	Before	Interior Girder 1	33.75	0.95	1	1	8.489772
Type 3S2_serv	BOBJ1	578.75	Before	Interior Girder 2	33.75	0.95	1	1	8.489772
Type 3S2_serv	BOBJ1	578.75	Before	Right Exterior Girder	33.75	0.95	1	1	9.101975
Type 3S2_serv	BOBJ1	578.75	After	Left Exterior Girder	33.75	0.95	1	1	9.08225
Type 3S2_serv	BOBJ1	578.75	After	Interior Girder 1	33.75	0.95	1	1	8.503846
Type 3S2_serv	BOBJ1	578.75	After	Interior Girder 2	33.75	0.95	1	1	8.503846
Type 3S2_serv	BOBJ1	578.75	After	Right Exterior Girder	33.75	0.95	1	1	9.08225
Type 3S2_serv	BOBJ1	586.8142	Before	Left Exterior Girder	41.8142	0.95	1	1	10.940605
Type 3S2_serv	BOBJ1	586.8142	Before	Interior Girder 1	41.8142	0.95	1	1	10.399335
Type 3S2_serv	BOBJ1	586.8142	Before	Interior Girder 2	41.8142	0.95	1	1	10.399335
Type 3S2_serv	BOBJ1	586.8142	Before	Right Exterior Girder	41.8142	0.95	1	1	10.940605
Type 3S2_serv	BOBJ1	586.8142	After	Left Exterior Girder	41.8142	0.95	1	1	5.227279
Type 3S2_serv	BOBJ1	586.8142	After	Interior Girder 1	41.8142	0.95	1	1	4.984868
Type 3S2_serv	BOBJ1	586.8142	After	Interior Girder 2	41.8142	0.95	1	1	4.984868
Type 3S2_serv	BOBJ1	586.8142	After	Right Exterior Girder	41.8142	0.95	1	1	5.227279
Type 3S2_serv	BOBJ1	590	Before	Left Exterior Girder	45	0.95	1	1	5.876814
Type 3S2_serv	BOBJ1	590	Before	Interior Girder 1	45	0.95	1	1	5.642061
Type 3S2_serv	BOBJ1	590	Before	Interior Girder 2	45	0.95	1	1	5.642061
Type 3S2_serv	BOBJ1	590	Before	Right Exterior Girder	45	0.95	1	1	5.876814
Type 3S2_serv	BOBJ1	590	After	Left Exterior Girder	45	0.95	1	1	5.904143
Type 3S2_serv	BOBJ1	590	After	Interior Girder 1	45	0.95	1	1	5.659502
Type 3S2_serv	BOBJ1	590	After	Interior Girder 2	45	0.95	1	1	5.659502
Type 3S2_serv	BOBJ1	590	After	Right Exterior Girder	45	0.95	1	1	5.904143
Type 3S2_serv	BOBJ1	601.25	Before	Left Exterior Girder	56.25	0.95	1	1	8.256267
Type 3S2_serv	BOBJ1	601.25	Before	Interior Girder 1	56.25	0.95	1	1	8.028929
Type 3S2_serv	BOBJ1	601.25	Before	Interior Girder 2	56.25	0.95	1	1	8.028929
Type 3S2_serv	BOBJ1	601.25	Before	Right Exterior Girder	56.25	0.95	1	1	8.256266
Type 3S2_serv	BOBJ1	601.25	After	Left Exterior Girder	56.25	0.95	1	1	8.245096
Type 3S2_serv	BOBJ1	601.25	After	Interior Girder 1	56.25	0.95	1	1	8.038589
Type 3S2_serv	BOBJ1	601.25	After	Interior Girder 2	56.25	0.95	1	1	8.038589
Type 3S2_serv	BOBJ1	601.25	After	Right Exterior Girder	56.25	0.95	1	1	8.245096

TABLE: Bridge Super Rating AASHTORATE18 26 - SteelNonCompServ-Flx - Main Span Girders									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Type 3S2_serv	BOBJ1	601.7478	Before	Left Exterior Girder	56.7478	0.95	1	1	8.350825
Type 3S2_serv	BOBJ1	601.7478	Before	Interior Girder 1	56.7478	0.95	1	1	8.148237
Type 3S2_serv	BOBJ1	601.7478	Before	Interior Girder 2	56.7478	0.95	1	1	8.148237
Type 3S2_serv	BOBJ1	601.7478	Before	Right Exterior Girder	56.7478	0.95	1	1	8.350825
Type 3S2_serv	BOBJ1	601.7478	After	Left Exterior Girder	56.7478	0.95	1	1	3.320466
Type 3S2_serv	BOBJ1	601.7478	After	Interior Girder 1	56.7478	0.95	1	1	3.266229
Type 3S2_serv	BOBJ1	601.7478	After	Interior Girder 2	56.7478	0.95	1	1	3.266229
Type 3S2_serv	BOBJ1	601.7478	After	Right Exterior Girder	56.7478	0.95	1	1	3.320466
Type 3S2_serv	BOBJ1	612.5	Before	Left Exterior Girder	67.5	0.95	1	1	5.3431
Type 3S2_serv	BOBJ1	612.5	Before	Interior Girder 1	67.5	0.95	1	1	5.302823
Type 3S2_serv	BOBJ1	612.5	Before	Interior Girder 2	67.5	0.95	1	1	5.302823
Type 3S2_serv	BOBJ1	612.5	Before	Right Exterior Girder	67.5	0.95	1	1	5.3431
Type 3S2_serv	BOBJ1	612.5	After	Left Exterior Girder	67.5	0.95	1	1	5.296513
Type 3S2_serv	BOBJ1	612.5	After	Interior Girder 1	67.5	0.95	1	1	5.274895
Type 3S2_serv	BOBJ1	612.5	After	Interior Girder 2	67.5	0.95	1	1	5.274895
Type 3S2_serv	BOBJ1	612.5	After	Right Exterior Girder	67.5	0.95	1	1	5.296513
Type 3S2_serv	BOBJ1	623.75	Before	Left Exterior Girder	78.75	0.95	1	1	5.218037
Type 3S2_serv	BOBJ1	623.75	Before	Interior Girder 1	78.75	0.95	1	1	4.459852
Type 3S2_serv	BOBJ1	623.75	Before	Interior Girder 2	78.75	0.95	1	1	4.459852
Type 3S2_serv	BOBJ1	623.75	Before	Right Exterior Girder	78.75	0.95	1	1	5.218037
Type 3S2_serv	BOBJ1	623.75	After	Left Exterior Girder	78.75	0.95	1	1	5.221313
Type 3S2_serv	BOBJ1	623.75	After	Interior Girder 1	78.75	0.95	1	1	4.459691
Type 3S2_serv	BOBJ1	623.75	After	Interior Girder 2	78.75	0.95	1	1	4.459691
Type 3S2_serv	BOBJ1	623.75	After	Right Exterior Girder	78.75	0.95	1	1	5.221313
Type 3S2_serv	BOBJ1	635	Before	Left Exterior Girder	90	0.95	1	1	3.616179
Type 3S2_serv	BOBJ1	635	Before	Interior Girder 1	90	0.95	1	1	3.242221
Type 3S2_serv	BOBJ1	635	Before	Interior Girder 2	90	0.95	1	1	3.242221
Type 3S2_serv	BOBJ1	635	Before	Right Exterior Girder	90	0.95	1	1	3.616179
Type 3S2_serv	BOBJ1	635	After	Left Exterior Girder	90	0.95	1	1	3.682479
Type 3S2_serv	BOBJ1	635	After	Interior Girder 1	90	0.95	1	1	3.26145
Type 3S2_serv	BOBJ1	635	After	Interior Girder 2	90	0.95	1	1	3.26145
Type 3S2_serv	BOBJ1	635	After	Right Exterior Girder	90	0.95	1	1	3.682479
Type 3S2_serv	BOBJ1	643.5619	Before	Left Exterior Girder	98.5619	0.95	1	1	2.866114
Type 3S2_serv	BOBJ1	643.5619	Before	Interior Girder 1	98.5619	0.95	1	1	2.564551
Type 3S2_serv	BOBJ1	643.5619	Before	Interior Girder 2	98.5619	0.95	1	1	2.564551
Type 3S2_serv	BOBJ1	643.5619	Before	Right Exterior Girder	98.5619	0.95	1	1	2.866114
Type 3S2_serv	BOBJ1	643.5619	After	Left Exterior Girder	98.5619	0.95	1	1	5.424365
Type 3S2_serv	BOBJ1	643.5619	After	Interior Girder 1	98.5619	0.95	1	1	4.847121
Type 3S2_serv	BOBJ1	643.5619	After	Interior Girder 2	98.5619	0.95	1	1	4.847121
Type 3S2_serv	BOBJ1	643.5619	After	Right Exterior Girder	98.5619	0.95	1	1	5.424365
Type 3S2_serv	BOBJ1	646.25	Before	Left Exterior Girder	101.25	0.95	1	1	5.156843
Type 3S2_serv	BOBJ1	646.25	Before	Interior Girder 1	101.25	0.95	1	1	4.629241
Type 3S2_serv	BOBJ1	646.25	Before	Interior Girder 2	101.25	0.95	1	1	4.62924
Type 3S2_serv	BOBJ1	646.25	Before	Right Exterior Girder	101.25	0.95	1	1	5.156843
Type 3S2_serv	BOBJ1	646.25	After	Left Exterior Girder	101.25	0.95	1	1	5.154215
Type 3S2_serv	BOBJ1	646.25	After	Interior Girder 1	101.25	0.95	1	1	4.634473
Type 3S2_serv	BOBJ1	646.25	After	Interior Girder 2	101.25	0.95	1	1	4.634473
Type 3S2_serv	BOBJ1	646.25	After	Right Exterior Girder	101.25	0.95	1	1	5.154215
Type 3S2_serv	BOBJ1	657.5	Before	Left Exterior Girder	112.5	0.95	1	1	4.271627
Type 3S2_serv	BOBJ1	657.5	Before	Interior Girder 1	112.5	0.95	1	1	3.944987
Type 3S2_serv	BOBJ1	657.5	Before	Interior Girder 2	112.5	0.95	1	1	3.944987
Type 3S2_serv	BOBJ1	657.5	Before	Right Exterior Girder	112.5	0.95	1	1	4.271627
Type 3S2_serv	BOBJ1	657.5	After	Left Exterior Girder	112.5	0.95	1	1	4.298614
Type 3S2_serv	BOBJ1	657.5	After	Interior Girder 1	112.5	0.95	1	1	3.954374
Type 3S2_serv	BOBJ1	657.5	After	Interior Girder 2	112.5	0.95	1	1	3.954373
Type 3S2_serv	BOBJ1	657.5	After	Right Exterior Girder	112.5	0.95	1	1	4.298614
Type 3S2_serv	BOBJ1	668.75	Before	Left Exterior Girder	123.75	0.95	1	1	3.785808
Type 3S2_serv	BOBJ1	668.75	Before	Interior Girder 1	123.75	0.95	1	1	3.475574
Type 3S2_serv	BOBJ1	668.75	Before	Interior Girder 2	123.75	0.95	1	1	3.475574
Type 3S2_serv	BOBJ1	668.75	Before	Right Exterior Girder	123.75	0.95	1	1	3.785808
Type 3S2_serv	BOBJ1	668.75	After	Left Exterior Girder	123.75	0.95	1	1	3.788508
Type 3S2_serv	BOBJ1	668.75	After	Interior Girder 1	123.75	0.95	1	1	3.480801
Type 3S2_serv	BOBJ1	668.75	After	Interior Girder 2	123.75	0.95	1	1	3.480801
Type 3S2_serv	BOBJ1	668.75	After	Right Exterior Girder	123.75	0.95	1	1	3.788507
Type 3S2_serv	BOBJ1	680	Before	Left Exterior Girder	135	0.95	1	1	3.480086
Type 3S2_serv	BOBJ1	680	Before	Interior Girder 1	135	0.95	1	1	3.248231
Type 3S2_serv	BOBJ1	680	Before	Interior Girder 2	135	0.95	1	1	3.248231
Type 3S2_serv	BOBJ1	680	Before	Right Exterior Girder	135	0.95	1	1	3.480086
Type 3S2_serv	BOBJ1	680	After	Left Exterior Girder	135	0.95	1	1	3.476852
Type 3S2_serv	BOBJ1	680	After	Interior Girder 1	135	0.95	1	1	3.242172

TABLE: Bridge Super Rating AASHTORATE18 26 - SteelINonCompServ-Flx - Main Span Girders									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Type 3S2_serv	BOBJ1	680	After	Interior Girder 2	135	0.95	1	1	3.242173
Type 3S2_serv	BOBJ1	680	After	Right Exterior Girder	135	0.95	1	1	3.476851
Type 3S2_serv	BOBJ1	691.25	Before	Left Exterior Girder	146.25	0.95	1	1	3.40987
Type 3S2_serv	BOBJ1	691.25	Before	Interior Girder 1	146.25	0.95	1	1	3.14671
Type 3S2_serv	BOBJ1	691.25	Before	Interior Girder 2	146.25	0.95	1	1	3.14671
Type 3S2_serv	BOBJ1	691.25	Before	Right Exterior Girder	146.25	0.95	1	1	3.409869
Type 3S2_serv	BOBJ1	691.25	After	Left Exterior Girder	146.25	0.95	1	1	3.413249
Type 3S2_serv	BOBJ1	691.25	After	Interior Girder 1	146.25	0.95	1	1	3.145685
Type 3S2_serv	BOBJ1	691.25	After	Interior Girder 2	146.25	0.95	1	1	3.145686
Type 3S2_serv	BOBJ1	691.25	After	Right Exterior Girder	146.25	0.95	1	1	3.413249
Type 3S2_serv	BOBJ1	702.5	Before	Left Exterior Girder	157.5	0.95	1	1	3.548428
Type 3S2_serv	BOBJ1	702.5	Before	Interior Girder 1	157.5	0.95	1	1	3.283314
Type 3S2_serv	BOBJ1	702.5	Before	Interior Girder 2	157.5	0.95	1	1	3.283314
Type 3S2_serv	BOBJ1	702.5	Before	Right Exterior Girder	157.5	0.95	1	1	3.548428
Type 3S2_serv	BOBJ1	702.5	After	Left Exterior Girder	157.5	0.95	1	1	3.514498
Type 3S2_serv	BOBJ1	702.5	After	Interior Girder 1	157.5	0.95	1	1	3.268751
Type 3S2_serv	BOBJ1	702.5	After	Interior Girder 2	157.5	0.95	1	1	3.268751
Type 3S2_serv	BOBJ1	702.5	After	Right Exterior Girder	157.5	0.95	1	1	3.514498
Type 3S2_serv	BOBJ1	713.75	Before	Left Exterior Girder	168.75	0.95	1	1	3.975287
Type 3S2_serv	BOBJ1	713.75	Before	Interior Girder 1	168.75	0.95	1	1	3.578186
Type 3S2_serv	BOBJ1	713.75	Before	Interior Girder 2	168.75	0.95	1	1	3.578186
Type 3S2_serv	BOBJ1	713.75	Before	Right Exterior Girder	168.75	0.95	1	1	3.975287
Type 3S2_serv	BOBJ1	713.75	After	Left Exterior Girder	168.75	0.95	1	1	3.975241
Type 3S2_serv	BOBJ1	713.75	After	Interior Girder 1	168.75	0.95	1	1	3.575986
Type 3S2_serv	BOBJ1	713.75	After	Interior Girder 2	168.75	0.95	1	1	3.575986
Type 3S2_serv	BOBJ1	713.75	After	Right Exterior Girder	168.75	0.95	1	1	3.97524
Type 3S2_serv	BOBJ1	725	Before	Left Exterior Girder	180	0.95	1	1	4.828399
Type 3S2_serv	BOBJ1	725	Before	Interior Girder 1	180	0.95	1	1	4.244472
Type 3S2_serv	BOBJ1	725	Before	Interior Girder 2	180	0.95	1	1	4.244472
Type 3S2_serv	BOBJ1	725	Before	Right Exterior Girder	180	0.95	1	1	4.828398
Type 3S2_serv	BOBJ1	725	After	Left Exterior Girder	180	0.95	1	1	4.76563
Type 3S2_serv	BOBJ1	725	After	Interior Girder 1	180	0.95	1	1	4.280019
Type 3S2_serv	BOBJ1	725	After	Interior Girder 2	180	0.95	1	1	4.280019
Type 3S2_serv	BOBJ1	725	After	Right Exterior Girder	180	0.95	1	1	4.76563
Type 3S2_serv	BOBJ1	731.1726	Before	Left Exterior Girder	186.1726	0.95	1	1	5.563929
Type 3S2_serv	BOBJ1	731.1726	Before	Interior Girder 1	186.1726	0.95	1	1	4.805081
Type 3S2_serv	BOBJ1	731.1726	Before	Interior Girder 2	186.1726	0.95	1	1	4.805081
Type 3S2_serv	BOBJ1	731.1726	Before	Right Exterior Girder	186.1726	0.95	1	1	5.563929
Type 3S2_serv	BOBJ1	731.1726	After	Left Exterior Girder	186.1726	0.95	1	1	2.389229
Type 3S2_serv	BOBJ1	731.1726	After	Interior Girder 1	186.1726	0.95	1	1	2.054515
Type 3S2_serv	BOBJ1	731.1726	After	Interior Girder 2	186.1726	0.95	1	1	2.054515
Type 3S2_serv	BOBJ1	731.1726	After	Right Exterior Girder	186.1726	0.95	1	1	2.389229
Type 3S2_serv	BOBJ1	736.25	Before	Left Exterior Girder	191.25	0.95	1	1	2.947829
Type 3S2_serv	BOBJ1	736.25	Before	Interior Girder 1	191.25	0.95	1	1	2.445495
Type 3S2_serv	BOBJ1	736.25	Before	Interior Girder 2	191.25	0.95	1	1	2.445495
Type 3S2_serv	BOBJ1	736.25	Before	Right Exterior Girder	191.25	0.95	1	1	2.947828
Type 3S2_serv	BOBJ1	736.25	After	Left Exterior Girder	191.25	0.95	1	1	2.93984
Type 3S2_serv	BOBJ1	736.25	After	Interior Girder 1	191.25	0.95	1	1	2.444764
Type 3S2_serv	BOBJ1	736.25	After	Interior Girder 2	191.25	0.95	1	1	2.444764
Type 3S2_serv	BOBJ1	736.25	After	Right Exterior Girder	191.25	0.95	1	1	2.93984
Type 3S2_serv	BOBJ1	747.5	Before	Left Exterior Girder	202.5	0.95	1	1	5.127799
Type 3S2_serv	BOBJ1	747.5	Before	Interior Girder 1	202.5	0.95	1	1	4.047896
Type 3S2_serv	BOBJ1	747.5	Before	Interior Girder 2	202.5	0.95	1	1	4.047896
Type 3S2_serv	BOBJ1	747.5	Before	Right Exterior Girder	202.5	0.95	1	1	5.127799
Type 3S2_serv	BOBJ1	747.5	After	Left Exterior Girder	202.5	0.95	1	1	4.919505
Type 3S2_serv	BOBJ1	747.5	After	Interior Girder 1	202.5	0.95	1	1	4.001783
Type 3S2_serv	BOBJ1	747.5	After	Interior Girder 2	202.5	0.95	1	1	4.001783
Type 3S2_serv	BOBJ1	747.5	After	Right Exterior Girder	202.5	0.95	1	1	4.919504
Type 3S2_serv	BOBJ1	758.75	Before	Left Exterior Girder	213.75	0.95	1	1	11.656982
Type 3S2_serv	BOBJ1	758.75	Before	Interior Girder 1	213.75	0.95	1	1	8.379453
Type 3S2_serv	BOBJ1	758.75	Before	Interior Girder 2	213.75	0.95	1	1	8.379453
Type 3S2_serv	BOBJ1	758.75	Before	Right Exterior Girder	213.75	0.95	1	1	11.656978
Type 3S2_serv	BOBJ1	758.75	After	Left Exterior Girder	213.75	0.95	1	1	11.602351
Type 3S2_serv	BOBJ1	758.75	After	Interior Girder 1	213.75	0.95	1	1	8.256679
Type 3S2_serv	BOBJ1	758.75	After	Interior Girder 2	213.75	0.95	1	1	8.256679
Type 3S2_serv	BOBJ1	758.75	After	Right Exterior Girder	213.75	0.95	1	1	11.602347
Type 3S2_serv	BOBJ1	770	Before	Left Exterior Girder	225	0.95	1	1	228.659552
Type 3S2_serv	BOBJ1	770	Before	Interior Girder 1	225	0.95	1	1	193.006411
Type 3S2_serv	BOBJ1	770	Before	Interior Girder 2	225	0.95	1	1	193.005725
Type 3S2_serv	BOBJ1	770	Before	Right Exterior Girder	225	0.95	1	1	228.660698

TABLE: Bridge Super Rating AASHTORATE18 26 - SteelINonCompServ-Flx - Main Span Girders									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Type 3-3_serv	BOBJ1	0	After	Left Exterior Girder	0	0.95	1	1	209.113358
Type 3-3_serv	BOBJ1	0	After	Interior Girder 1	0	0.95	1	1	178.745113
Type 3-3_serv	BOBJ1	0	After	Interior Girder 2	0	0.95	1	1	178.74492
Type 3-3_serv	BOBJ1	0	After	Right Exterior Girder	0	0.95	1	1	209.11335
Type 3-3_serv	BOBJ1	11.25	Before	Left Exterior Girder	11.25	0.95	1	1	10.85256
Type 3-3_serv	BOBJ1	11.25	Before	Interior Girder 1	11.25	0.95	1	1	7.988764
Type 3-3_serv	BOBJ1	11.25	Before	Interior Girder 2	11.25	0.95	1	1	7.988766
Type 3-3_serv	BOBJ1	11.25	Before	Right Exterior Girder	11.25	0.95	1	1	10.85256
Type 3-3_serv	BOBJ1	11.25	After	Left Exterior Girder	11.25	0.95	1	1	10.917787
Type 3-3_serv	BOBJ1	11.25	After	Interior Girder 1	11.25	0.95	1	1	8.102912
Type 3-3_serv	BOBJ1	11.25	After	Interior Girder 2	11.25	0.95	1	1	8.102914
Type 3-3_serv	BOBJ1	11.25	After	Right Exterior Girder	11.25	0.95	1	1	10.917787
Type 3-3_serv	BOBJ1	22.5	Before	Left Exterior Girder	22.5	0.95	1	1	4.594282
Type 3-3_serv	BOBJ1	22.5	Before	Interior Girder 1	22.5	0.95	1	1	3.856768
Type 3-3_serv	BOBJ1	22.5	Before	Interior Girder 2	22.5	0.95	1	1	3.856769
Type 3-3_serv	BOBJ1	22.5	Before	Right Exterior Girder	22.5	0.95	1	1	4.594281
Type 3-3_serv	BOBJ1	22.5	After	Left Exterior Girder	22.5	0.95	1	1	4.793111
Type 3-3_serv	BOBJ1	22.5	After	Interior Girder 1	22.5	0.95	1	1	3.897606
Type 3-3_serv	BOBJ1	22.5	After	Interior Girder 2	22.5	0.95	1	1	3.897606
Type 3-3_serv	BOBJ1	22.5	After	Right Exterior Girder	22.5	0.95	1	1	4.793111
Type 3-3_serv	BOBJ1	33.75	Before	Left Exterior Girder	33.75	0.95	1	1	2.744403
Type 3-3_serv	BOBJ1	33.75	Before	Interior Girder 1	33.75	0.95	1	1	2.377365
Type 3-3_serv	BOBJ1	33.75	Before	Interior Girder 2	33.75	0.95	1	1	2.377365
Type 3-3_serv	BOBJ1	33.75	Before	Right Exterior Girder	33.75	0.95	1	1	2.744403
Type 3-3_serv	BOBJ1	33.75	After	Left Exterior Girder	33.75	0.95	1	1	2.752536
Type 3-3_serv	BOBJ1	33.75	After	Interior Girder 1	33.75	0.95	1	1	2.377863
Type 3-3_serv	BOBJ1	33.75	After	Interior Girder 2	33.75	0.95	1	1	2.377863
Type 3-3_serv	BOBJ1	33.75	After	Right Exterior Girder	33.75	0.95	1	1	2.752536
Type 3-3_serv	BOBJ1	38.8274	Before	Left Exterior Girder	38.8274	0.95	1	1	2.239146
Type 3-3_serv	BOBJ1	38.8274	Before	Interior Girder 1	38.8274	0.95	1	1	2.004632
Type 3-3_serv	BOBJ1	38.8274	Before	Interior Girder 2	38.8274	0.95	1	1	2.004632
Type 3-3_serv	BOBJ1	38.8274	Before	Right Exterior Girder	38.8274	0.95	1	1	2.239146
Type 3-3_serv	BOBJ1	38.8274	After	Left Exterior Girder	38.8274	0.95	1	1	5.215892
Type 3-3_serv	BOBJ1	38.8274	After	Interior Girder 1	38.8274	0.95	1	1	4.68623
Type 3-3_serv	BOBJ1	38.8274	After	Interior Girder 2	38.8274	0.95	1	1	4.68623
Type 3-3_serv	BOBJ1	38.8274	After	Right Exterior Girder	38.8274	0.95	1	1	5.215892
Type 3-3_serv	BOBJ1	45	Before	Left Exterior Girder	45	0.95	1	1	4.477828
Type 3-3_serv	BOBJ1	45	Before	Interior Girder 1	45	0.95	1	1	4.160162
Type 3-3_serv	BOBJ1	45	Before	Interior Girder 2	45	0.95	1	1	4.160162
Type 3-3_serv	BOBJ1	45	Before	Right Exterior Girder	45	0.95	1	1	4.477828
Type 3-3_serv	BOBJ1	45	After	Left Exterior Girder	45	0.95	1	1	4.55018
Type 3-3_serv	BOBJ1	45	After	Interior Girder 1	45	0.95	1	1	4.144982
Type 3-3_serv	BOBJ1	45	After	Interior Girder 2	45	0.95	1	1	4.144982
Type 3-3_serv	BOBJ1	45	After	Right Exterior Girder	45	0.95	1	1	4.55018
Type 3-3_serv	BOBJ1	56.25	Before	Left Exterior Girder	56.25	0.95	1	1	3.74819
Type 3-3_serv	BOBJ1	56.25	Before	Interior Girder 1	56.25	0.95	1	1	3.479123
Type 3-3_serv	BOBJ1	56.25	Before	Interior Girder 2	56.25	0.95	1	1	3.479122
Type 3-3_serv	BOBJ1	56.25	Before	Right Exterior Girder	56.25	0.95	1	1	3.74819
Type 3-3_serv	BOBJ1	56.25	After	Left Exterior Girder	56.25	0.95	1	1	3.748297
Type 3-3_serv	BOBJ1	56.25	After	Interior Girder 1	56.25	0.95	1	1	3.477035
Type 3-3_serv	BOBJ1	56.25	After	Interior Girder 2	56.25	0.95	1	1	3.477034
Type 3-3_serv	BOBJ1	56.25	After	Right Exterior Girder	56.25	0.95	1	1	3.748297
Type 3-3_serv	BOBJ1	67.5	Before	Left Exterior Girder	67.5	0.95	1	1	3.313406
Type 3-3_serv	BOBJ1	67.5	Before	Interior Girder 1	67.5	0.95	1	1	3.140226
Type 3-3_serv	BOBJ1	67.5	Before	Interior Girder 2	67.5	0.95	1	1	3.140226
Type 3-3_serv	BOBJ1	67.5	Before	Right Exterior Girder	67.5	0.95	1	1	3.313406
Type 3-3_serv	BOBJ1	67.5	After	Left Exterior Girder	67.5	0.95	1	1	3.348914
Type 3-3_serv	BOBJ1	67.5	After	Interior Girder 1	67.5	0.95	1	1	3.149296
Type 3-3_serv	BOBJ1	67.5	After	Interior Girder 2	67.5	0.95	1	1	3.149295
Type 3-3_serv	BOBJ1	67.5	After	Right Exterior Girder	67.5	0.95	1	1	3.348914
Type 3-3_serv	BOBJ1	78.75	Before	Left Exterior Girder	78.75	0.95	1	1	3.20564
Type 3-3_serv	BOBJ1	78.75	Before	Interior Girder 1	78.75	0.95	1	1	3.006637
Type 3-3_serv	BOBJ1	78.75	Before	Interior Girder 2	78.75	0.95	1	1	3.006636
Type 3-3_serv	BOBJ1	78.75	Before	Right Exterior Girder	78.75	0.95	1	1	3.20564
Type 3-3_serv	BOBJ1	78.75	After	Left Exterior Girder	78.75	0.95	1	1	3.204899
Type 3-3_serv	BOBJ1	78.75	After	Interior Girder 1	78.75	0.95	1	1	3.004302
Type 3-3_serv	BOBJ1	78.75	After	Interior Girder 2	78.75	0.95	1	1	3.004302
Type 3-3_serv	BOBJ1	78.75	After	Right Exterior Girder	78.75	0.95	1	1	3.204899
Type 3-3_serv	BOBJ1	90	Before	Left Exterior Girder	90	0.95	1	1	3.254029
Type 3-3_serv	BOBJ1	90	Before	Interior Girder 1	90	0.95	1	1	3.082761

TABLE: Bridge Super Rating AASHTORATE18 26 - SteelINonCompServ-Flx - Main Span Girders									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Type 3-3_serv	BOBJ1	90	Before	Interior Girder 2	90	0.95	1	1	3.082761
Type 3-3_serv	BOBJ1	90	Before	Right Exterior Girder	90	0.95	1	1	3.254029
Type 3-3_serv	BOBJ1	90	After	Left Exterior Girder	90	0.95	1	1	3.256392
Type 3-3_serv	BOBJ1	90	After	Interior Girder 1	90	0.95	1	1	3.082084
Type 3-3_serv	BOBJ1	90	After	Interior Girder 2	90	0.95	1	1	3.082084
Type 3-3_serv	BOBJ1	90	After	Right Exterior Girder	90	0.95	1	1	3.256393
Type 3-3_serv	BOBJ1	101.25	Before	Left Exterior Girder	101.25	0.95	1	1	3.545889
Type 3-3_serv	BOBJ1	101.25	Before	Interior Girder 1	101.25	0.95	1	1	3.311411
Type 3-3_serv	BOBJ1	101.25	Before	Interior Girder 2	101.25	0.95	1	1	3.311411
Type 3-3_serv	BOBJ1	101.25	Before	Right Exterior Girder	101.25	0.95	1	1	3.545889
Type 3-3_serv	BOBJ1	101.25	After	Left Exterior Girder	101.25	0.95	1	1	3.542357
Type 3-3_serv	BOBJ1	101.25	After	Interior Girder 1	101.25	0.95	1	1	3.311267
Type 3-3_serv	BOBJ1	101.25	After	Interior Girder 2	101.25	0.95	1	1	3.311267
Type 3-3_serv	BOBJ1	101.25	After	Right Exterior Girder	101.25	0.95	1	1	3.542357
Type 3-3_serv	BOBJ1	112.5	Before	Left Exterior Girder	112.5	0.95	1	1	4.037311
Type 3-3_serv	BOBJ1	112.5	Before	Interior Girder 1	112.5	0.95	1	1	3.76889
Type 3-3_serv	BOBJ1	112.5	Before	Interior Girder 2	112.5	0.95	1	1	3.76889
Type 3-3_serv	BOBJ1	112.5	Before	Right Exterior Girder	112.5	0.95	1	1	4.037311
Type 3-3_serv	BOBJ1	112.5	After	Left Exterior Girder	112.5	0.95	1	1	4.013732
Type 3-3_serv	BOBJ1	112.5	After	Interior Girder 1	112.5	0.95	1	1	3.768871
Type 3-3_serv	BOBJ1	112.5	After	Interior Girder 2	112.5	0.95	1	1	3.768871
Type 3-3_serv	BOBJ1	112.5	After	Right Exterior Girder	112.5	0.95	1	1	4.013731
Type 3-3_serv	BOBJ1	123.75	Before	Left Exterior Girder	123.75	0.95	1	1	4.86014
Type 3-3_serv	BOBJ1	123.75	Before	Interior Girder 1	123.75	0.95	1	1	4.441954
Type 3-3_serv	BOBJ1	123.75	Before	Interior Girder 2	123.75	0.95	1	1	4.441954
Type 3-3_serv	BOBJ1	123.75	Before	Right Exterior Girder	123.75	0.95	1	1	4.86014
Type 3-3_serv	BOBJ1	123.75	After	Left Exterior Girder	123.75	0.95	1	1	4.859914
Type 3-3_serv	BOBJ1	123.75	After	Interior Girder 1	123.75	0.95	1	1	4.440959
Type 3-3_serv	BOBJ1	123.75	After	Interior Girder 2	123.75	0.95	1	1	4.44096
Type 3-3_serv	BOBJ1	123.75	After	Right Exterior Girder	123.75	0.95	1	1	4.859914
Type 3-3_serv	BOBJ1	126.4381	Before	Left Exterior Girder	126.4381	0.95	1	1	5.121178
Type 3-3_serv	BOBJ1	126.4381	Before	Interior Girder 1	126.4381	0.95	1	1	4.653961
Type 3-3_serv	BOBJ1	126.4381	Before	Interior Girder 2	126.4381	0.95	1	1	4.653962
Type 3-3_serv	BOBJ1	126.4381	Before	Right Exterior Girder	126.4381	0.95	1	1	5.121178
Type 3-3_serv	BOBJ1	126.4381	After	Left Exterior Girder	126.4381	0.95	1	1	2.705597
Type 3-3_serv	BOBJ1	126.4381	After	Interior Girder 1	126.4381	0.95	1	1	2.463411
Type 3-3_serv	BOBJ1	126.4381	After	Interior Girder 2	126.4381	0.95	1	1	2.463411
Type 3-3_serv	BOBJ1	126.4381	After	Right Exterior Girder	126.4381	0.95	1	1	2.705597
Type 3-3_serv	BOBJ1	135	Before	Left Exterior Girder	135	0.95	1	1	3.485095
Type 3-3_serv	BOBJ1	135	Before	Interior Girder 1	135	0.95	1	1	3.132412
Type 3-3_serv	BOBJ1	135	Before	Interior Girder 2	135	0.95	1	1	3.132412
Type 3-3_serv	BOBJ1	135	Before	Right Exterior Girder	135	0.95	1	1	3.485095
Type 3-3_serv	BOBJ1	135	After	Left Exterior Girder	135	0.95	1	1	3.420262
Type 3-3_serv	BOBJ1	135	After	Interior Girder 1	135	0.95	1	1	3.119901
Type 3-3_serv	BOBJ1	135	After	Interior Girder 2	135	0.95	1	1	3.119901
Type 3-3_serv	BOBJ1	135	After	Right Exterior Girder	135	0.95	1	1	3.420262
Type 3-3_serv	BOBJ1	146.25	Before	Left Exterior Girder	146.25	0.95	1	1	4.963293
Type 3-3_serv	BOBJ1	146.25	Before	Interior Girder 1	146.25	0.95	1	1	4.309875
Type 3-3_serv	BOBJ1	146.25	Before	Interior Girder 2	146.25	0.95	1	1	4.309875
Type 3-3_serv	BOBJ1	146.25	Before	Right Exterior Girder	146.25	0.95	1	1	4.963293
Type 3-3_serv	BOBJ1	146.25	After	Left Exterior Girder	146.25	0.95	1	1	4.958948
Type 3-3_serv	BOBJ1	146.25	After	Interior Girder 1	146.25	0.95	1	1	4.314195
Type 3-3_serv	BOBJ1	146.25	After	Interior Girder 2	146.25	0.95	1	1	4.314195
Type 3-3_serv	BOBJ1	146.25	After	Right Exterior Girder	146.25	0.95	1	1	4.958948
Type 3-3_serv	BOBJ1	157.5	Before	Left Exterior Girder	157.5	0.95	1	1	4.797082
Type 3-3_serv	BOBJ1	157.5	Before	Interior Girder 1	157.5	0.95	1	1	4.777718
Type 3-3_serv	BOBJ1	157.5	Before	Interior Girder 2	157.5	0.95	1	1	4.777718
Type 3-3_serv	BOBJ1	157.5	Before	Right Exterior Girder	157.5	0.95	1	1	4.797082
Type 3-3_serv	BOBJ1	157.5	After	Left Exterior Girder	157.5	0.95	1	1	4.83934
Type 3-3_serv	BOBJ1	157.5	After	Interior Girder 1	157.5	0.95	1	1	4.803074
Type 3-3_serv	BOBJ1	157.5	After	Interior Girder 2	157.5	0.95	1	1	4.803073
Type 3-3_serv	BOBJ1	157.5	After	Right Exterior Girder	157.5	0.95	1	1	4.83934
Type 3-3_serv	BOBJ1	168.2522	Before	Left Exterior Girder	168.2522	0.95	1	1	3.009911
Type 3-3_serv	BOBJ1	168.2522	Before	Interior Girder 1	168.2522	0.95	1	1	2.954539
Type 3-3_serv	BOBJ1	168.2522	Before	Interior Girder 2	168.2522	0.95	1	1	2.954539
Type 3-3_serv	BOBJ1	168.2522	Before	Right Exterior Girder	168.2522	0.95	1	1	3.009911
Type 3-3_serv	BOBJ1	168.2522	After	Left Exterior Girder	168.2522	0.95	1	1	7.568278
Type 3-3_serv	BOBJ1	168.2522	After	Interior Girder 1	168.2522	0.95	1	1	7.373418
Type 3-3_serv	BOBJ1	168.2522	After	Interior Girder 2	168.2522	0.95	1	1	7.373418
Type 3-3_serv	BOBJ1	168.2522	After	Right Exterior Girder	168.2522	0.95	1	1	7.568278

TABLE: Bridge Super Rating AASHTORATE18 26 - SteelINonCompServ-Flx - Main Span Girders									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Type 3-3_serv	BOBJ1	168.75	Before	Left Exterior Girder	168.75	0.95	1	1	7.467663
Type 3-3_serv	BOBJ1	168.75	Before	Interior Girder 1	168.75	0.95	1	1	7.279964
Type 3-3_serv	BOBJ1	168.75	Before	Interior Girder 2	168.75	0.95	1	1	7.279964
Type 3-3_serv	BOBJ1	168.75	Before	Right Exterior Girder	168.75	0.95	1	1	7.467663
Type 3-3_serv	BOBJ1	168.75	After	Left Exterior Girder	168.75	0.95	1	1	7.477805
Type 3-3_serv	BOBJ1	168.75	After	Interior Girder 1	168.75	0.95	1	1	7.271525
Type 3-3_serv	BOBJ1	168.75	After	Interior Girder 2	168.75	0.95	1	1	7.271525
Type 3-3_serv	BOBJ1	168.75	After	Right Exterior Girder	168.75	0.95	1	1	7.477806
Type 3-3_serv	BOBJ1	180	Before	Left Exterior Girder	180	0.95	1	1	5.347297
Type 3-3_serv	BOBJ1	180	Before	Interior Girder 1	180	0.95	1	1	5.12581
Type 3-3_serv	BOBJ1	180	Before	Interior Girder 2	180	0.95	1	1	5.12581
Type 3-3_serv	BOBJ1	180	Before	Right Exterior Girder	180	0.95	1	1	5.347297
Type 3-3_serv	BOBJ1	180	After	Left Exterior Girder	180	0.95	1	1	5.322566
Type 3-3_serv	BOBJ1	180	After	Interior Girder 1	180	0.95	1	1	5.110132
Type 3-3_serv	BOBJ1	180	After	Interior Girder 2	180	0.95	1	1	5.110132
Type 3-3_serv	BOBJ1	180	After	Right Exterior Girder	180	0.95	1	1	5.322566
Type 3-3_serv	BOBJ1	183.1858	Before	Left Exterior Girder	183.1858	0.95	1	1	4.730111
Type 3-3_serv	BOBJ1	183.1858	Before	Interior Girder 1	183.1858	0.95	1	1	4.519285
Type 3-3_serv	BOBJ1	183.1858	Before	Interior Girder 2	183.1858	0.95	1	1	4.519285
Type 3-3_serv	BOBJ1	183.1858	Before	Right Exterior Girder	183.1858	0.95	1	1	4.730111
Type 3-3_serv	BOBJ1	183.1858	After	Left Exterior Girder	183.1858	0.95	1	1	9.902454
Type 3-3_serv	BOBJ1	183.1858	After	Interior Girder 1	183.1858	0.95	1	1	9.42487
Type 3-3_serv	BOBJ1	183.1858	After	Interior Girder 2	183.1858	0.95	1	1	9.424871
Type 3-3_serv	BOBJ1	183.1858	After	Right Exterior Girder	183.1858	0.95	1	1	9.902454
Type 3-3_serv	BOBJ1	191.25	Before	Left Exterior Girder	191.25	0.95	1	1	8.22566
Type 3-3_serv	BOBJ1	191.25	Before	Interior Girder 1	191.25	0.95	1	1	7.703156
Type 3-3_serv	BOBJ1	191.25	Before	Interior Girder 2	191.25	0.95	1	1	7.703157
Type 3-3_serv	BOBJ1	191.25	Before	Right Exterior Girder	191.25	0.95	1	1	8.22566
Type 3-3_serv	BOBJ1	191.25	After	Left Exterior Girder	191.25	0.95	1	1	8.243554
Type 3-3_serv	BOBJ1	191.25	After	Interior Girder 1	191.25	0.95	1	1	7.690113
Type 3-3_serv	BOBJ1	191.25	After	Interior Girder 2	191.25	0.95	1	1	7.690114
Type 3-3_serv	BOBJ1	191.25	After	Right Exterior Girder	191.25	0.95	1	1	8.243554
Type 3-3_serv	BOBJ1	199.9414	Before	Left Exterior Girder	199.9414	0.95	1	1	6.422387
Type 3-3_serv	BOBJ1	199.9414	Before	Interior Girder 1	199.9414	0.95	1	1	5.911354
Type 3-3_serv	BOBJ1	199.9414	Before	Interior Girder 2	199.9414	0.95	1	1	5.911354
Type 3-3_serv	BOBJ1	199.9414	Before	Right Exterior Girder	199.9414	0.95	1	1	6.422387
Type 3-3_serv	BOBJ1	199.9414	After	Left Exterior Girder	199.9414	0.95	1	1	10.50458
Type 3-3_serv	BOBJ1	199.9414	After	Interior Girder 1	199.9414	0.95	1	1	9.647608
Type 3-3_serv	BOBJ1	199.9414	After	Interior Girder 2	199.9414	0.95	1	1	9.647608
Type 3-3_serv	BOBJ1	199.9414	After	Right Exterior Girder	199.9414	0.95	1	1	10.50458
Type 3-3_serv	BOBJ1	202.5	Before	Left Exterior Girder	202.5	0.95	1	1	9.671971
Type 3-3_serv	BOBJ1	202.5	Before	Interior Girder 1	202.5	0.95	1	1	9.074926
Type 3-3_serv	BOBJ1	202.5	Before	Interior Girder 2	202.5	0.95	1	1	9.074927
Type 3-3_serv	BOBJ1	202.5	Before	Right Exterior Girder	202.5	0.95	1	1	9.671971
Type 3-3_serv	BOBJ1	202.5	After	Left Exterior Girder	202.5	0.95	1	1	9.91651
Type 3-3_serv	BOBJ1	202.5	After	Interior Girder 1	202.5	0.95	1	1	9.089638
Type 3-3_serv	BOBJ1	202.5	After	Interior Girder 2	202.5	0.95	1	1	9.089639
Type 3-3_serv	BOBJ1	202.5	After	Right Exterior Girder	202.5	0.95	1	1	9.91651
Type 3-3_serv	BOBJ1	210.5642	Before	Left Exterior Girder	210.5642	0.95	1	1	7.477969
Type 3-3_serv	BOBJ1	210.5642	Before	Interior Girder 1	210.5642	0.95	1	1	7.157452
Type 3-3_serv	BOBJ1	210.5642	Before	Interior Girder 2	210.5642	0.95	1	1	7.157452
Type 3-3_serv	BOBJ1	210.5642	Before	Right Exterior Girder	210.5642	0.95	1	1	7.477969
Type 3-3_serv	BOBJ1	210.5642	After	Left Exterior Girder	210.5642	0.95	1	1	11.052645
Type 3-3_serv	BOBJ1	210.5642	After	Interior Girder 1	210.5642	0.95	1	1	10.590478
Type 3-3_serv	BOBJ1	210.5642	After	Interior Girder 2	210.5642	0.95	1	1	10.590478
Type 3-3_serv	BOBJ1	210.5642	After	Right Exterior Girder	210.5642	0.95	1	1	11.052645
Type 3-3_serv	BOBJ1	213.75	Before	Left Exterior Girder	213.75	0.95	1	1	9.940713
Type 3-3_serv	BOBJ1	213.75	Before	Interior Girder 1	213.75	0.95	1	1	9.499113
Type 3-3_serv	BOBJ1	213.75	Before	Interior Girder 2	213.75	0.95	1	1	9.499113
Type 3-3_serv	BOBJ1	213.75	Before	Right Exterior Girder	213.75	0.95	1	1	9.940713
Type 3-3_serv	BOBJ1	213.75	After	Left Exterior Girder	213.75	0.95	1	1	9.92931
Type 3-3_serv	BOBJ1	213.75	After	Interior Girder 1	213.75	0.95	1	1	9.484151
Type 3-3_serv	BOBJ1	213.75	After	Interior Girder 2	213.75	0.95	1	1	9.484151
Type 3-3_serv	BOBJ1	213.75	After	Right Exterior Girder	213.75	0.95	1	1	9.92931
Type 3-3_serv	BOBJ1	225	Before	Left Exterior Girder	225	0.95	1	1	6.335304
Type 3-3_serv	BOBJ1	225	Before	Interior Girder 1	225	0.95	1	1	5.792894
Type 3-3_serv	BOBJ1	225	Before	Interior Girder 2	225	0.95	1	1	5.792894
Type 3-3_serv	BOBJ1	225	Before	Right Exterior Girder	225	0.95	1	1	6.335304
Type 3-3_serv	BOBJ1	225	After	Left Exterior Girder	0	0.95	1	1	5.966767
Type 3-3_serv	BOBJ1	225	After	Interior Girder 1	0	0.95	1	1	5.623692

TABLE: Bridge Super Rating AASHTORATE18 26 - SteelINonCompServ-Flx - Main Span Girders									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Type 3-3_serv	BOBJ1	225	After	Interior Girder 2	0	0.95	1	1	5.623692
Type 3-3_serv	BOBJ1	225	After	Right Exterior Girder	0	0.95	1	1	5.966767
Type 3-3_serv	BOBJ1	236.45	Before	Left Exterior Girder	11.45	0.95	1	1	9.984843
Type 3-3_serv	BOBJ1	236.45	Before	Interior Girder 1	11.45	0.95	1	1	10.028977
Type 3-3_serv	BOBJ1	236.45	Before	Interior Girder 2	11.45	0.95	1	1	10.028978
Type 3-3_serv	BOBJ1	236.45	Before	Right Exterior Girder	11.45	0.95	1	1	9.984842
Type 3-3_serv	BOBJ1	236.45	After	Left Exterior Girder	11.45	0.95	1	1	10.005358
Type 3-3_serv	BOBJ1	236.45	After	Interior Girder 1	11.45	0.95	1	1	10.034624
Type 3-3_serv	BOBJ1	236.45	After	Interior Girder 2	11.45	0.95	1	1	10.034625
Type 3-3_serv	BOBJ1	236.45	After	Right Exterior Girder	11.45	0.95	1	1	10.005358
Type 3-3_serv	BOBJ1	239.5082	Before	Left Exterior Girder	14.5082	0.95	1	1	11.369236
Type 3-3_serv	BOBJ1	239.5082	Before	Interior Girder 1	14.5082	0.95	1	1	11.444745
Type 3-3_serv	BOBJ1	239.5082	Before	Interior Girder 2	14.5082	0.95	1	1	11.444745
Type 3-3_serv	BOBJ1	239.5082	Before	Right Exterior Girder	14.5082	0.95	1	1	11.369235
Type 3-3_serv	BOBJ1	239.5082	After	Left Exterior Girder	14.5082	0.95	1	1	7.737179
Type 3-3_serv	BOBJ1	239.5082	After	Interior Girder 1	14.5082	0.95	1	1	7.801275
Type 3-3_serv	BOBJ1	239.5082	After	Interior Girder 2	14.5082	0.95	1	1	7.801275
Type 3-3_serv	BOBJ1	239.5082	After	Right Exterior Girder	14.5082	0.95	1	1	7.737179
Type 3-3_serv	BOBJ1	247.9	Before	Left Exterior Girder	22.9	0.95	1	1	11.39686
Type 3-3_serv	BOBJ1	247.9	Before	Interior Girder 1	22.9	0.95	1	1	11.3297
Type 3-3_serv	BOBJ1	247.9	Before	Interior Girder 2	22.9	0.95	1	1	11.3297
Type 3-3_serv	BOBJ1	247.9	Before	Right Exterior Girder	22.9	0.95	1	1	11.39686
Type 3-3_serv	BOBJ1	247.9	After	Left Exterior Girder	22.9	0.95	1	1	11.123049
Type 3-3_serv	BOBJ1	247.9	After	Interior Girder 1	22.9	0.95	1	1	11.358115
Type 3-3_serv	BOBJ1	247.9	After	Interior Girder 2	22.9	0.95	1	1	11.358115
Type 3-3_serv	BOBJ1	247.9	After	Right Exterior Girder	22.9	0.95	1	1	11.123049
Type 3-3_serv	BOBJ1	258.5189	Before	Left Exterior Girder	33.5189	0.95	1	1	15.530953
Type 3-3_serv	BOBJ1	258.5189	Before	Interior Girder 1	33.5189	0.95	1	1	14.507716
Type 3-3_serv	BOBJ1	258.5189	Before	Interior Girder 2	33.5189	0.95	1	1	14.507716
Type 3-3_serv	BOBJ1	258.5189	Before	Right Exterior Girder	33.5189	0.95	1	1	15.530954
Type 3-3_serv	BOBJ1	258.5189	After	Left Exterior Girder	33.5189	0.95	1	1	10.779547
Type 3-3_serv	BOBJ1	258.5189	After	Interior Girder 1	33.5189	0.95	1	1	9.968161
Type 3-3_serv	BOBJ1	258.5189	After	Interior Girder 2	33.5189	0.95	1	1	9.968161
Type 3-3_serv	BOBJ1	258.5189	After	Right Exterior Girder	33.5189	0.95	1	1	10.779548
Type 3-3_serv	BOBJ1	259.3	Before	Left Exterior Girder	34.3	0.95	1	1	11.000857
Type 3-3_serv	BOBJ1	259.3	Before	Interior Girder 1	34.3	0.95	1	1	10.18548
Type 3-3_serv	BOBJ1	259.3	Before	Interior Girder 2	34.3	0.95	1	1	10.18548
Type 3-3_serv	BOBJ1	259.3	Before	Right Exterior Girder	34.3	0.95	1	1	11.000857
Type 3-3_serv	BOBJ1	259.3	After	Left Exterior Girder	34.3	0.95	1	1	10.995537
Type 3-3_serv	BOBJ1	259.3	After	Interior Girder 1	34.3	0.95	1	1	10.190372
Type 3-3_serv	BOBJ1	259.3	After	Interior Girder 2	34.3	0.95	1	1	10.190372
Type 3-3_serv	BOBJ1	259.3	After	Right Exterior Girder	34.3	0.95	1	1	10.995537
Type 3-3_serv	BOBJ1	266.1031	Before	Left Exterior Girder	41.1031	0.95	1	1	12.865507
Type 3-3_serv	BOBJ1	266.1031	Before	Interior Girder 1	41.1031	0.95	1	1	12.110592
Type 3-3_serv	BOBJ1	266.1031	Before	Interior Girder 2	41.1031	0.95	1	1	12.110592
Type 3-3_serv	BOBJ1	266.1031	Before	Right Exterior Girder	41.1031	0.95	1	1	12.865507
Type 3-3_serv	BOBJ1	266.1031	After	Left Exterior Girder	41.1031	0.95	1	1	6.902246
Type 3-3_serv	BOBJ1	266.1031	After	Interior Girder 1	41.1031	0.95	1	1	6.505061
Type 3-3_serv	BOBJ1	266.1031	After	Interior Girder 2	41.1031	0.95	1	1	6.505061
Type 3-3_serv	BOBJ1	266.1031	After	Right Exterior Girder	41.1031	0.95	1	1	6.902246
Type 3-3_serv	BOBJ1	270.7	Before	Left Exterior Girder	45.7	0.95	1	1	8.072811
Type 3-3_serv	BOBJ1	270.7	Before	Interior Girder 1	45.7	0.95	1	1	7.68592
Type 3-3_serv	BOBJ1	270.7	Before	Interior Girder 2	45.7	0.95	1	1	7.68592
Type 3-3_serv	BOBJ1	270.7	Before	Right Exterior Girder	45.7	0.95	1	1	8.072811
Type 3-3_serv	BOBJ1	270.7	After	Left Exterior Girder	45.7	0.95	1	1	8.130598
Type 3-3_serv	BOBJ1	270.7	After	Interior Girder 1	45.7	0.95	1	1	7.729056
Type 3-3_serv	BOBJ1	270.7	After	Interior Girder 2	45.7	0.95	1	1	7.729055
Type 3-3_serv	BOBJ1	270.7	After	Right Exterior Girder	45.7	0.95	1	1	8.130598
Type 3-3_serv	BOBJ1	273.6874	Before	Left Exterior Girder	48.6874	0.95	1	1	8.907544
Type 3-3_serv	BOBJ1	273.6874	Before	Interior Girder 1	48.6874	0.95	1	1	8.499009
Type 3-3_serv	BOBJ1	273.6874	Before	Interior Girder 2	48.6874	0.95	1	1	8.499009
Type 3-3_serv	BOBJ1	273.6874	Before	Right Exterior Girder	48.6874	0.95	1	1	8.907544
Type 3-3_serv	BOBJ1	273.6874	After	Left Exterior Girder	48.6874	0.95	1	1	3.834152
Type 3-3_serv	BOBJ1	273.6874	After	Interior Girder 1	48.6874	0.95	1	1	3.68623
Type 3-3_serv	BOBJ1	273.6874	After	Interior Girder 2	48.6874	0.95	1	1	3.68623
Type 3-3_serv	BOBJ1	273.6874	After	Right Exterior Girder	48.6874	0.95	1	1	3.834152
Type 3-3_serv	BOBJ1	282.15	Before	Left Exterior Girder	57.15	0.95	1	1	5.876012
Type 3-3_serv	BOBJ1	282.15	Before	Interior Girder 1	57.15	0.95	1	1	5.699733
Type 3-3_serv	BOBJ1	282.15	Before	Interior Girder 2	57.15	0.95	1	1	5.699733
Type 3-3_serv	BOBJ1	282.15	Before	Right Exterior Girder	57.15	0.95	1	1	5.876012

TABLE: Bridge Super Rating AASHTORATE18 26 - SteelINonCompServ-Flx - Main Span Girders									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Type 3-3_serv	BOBJ1	282.15	After	Left Exterior Girder	57.15	0.95	1	1	5.867599
Type 3-3_serv	BOBJ1	282.15	After	Interior Girder 1	57.15	0.95	1	1	5.708229
Type 3-3_serv	BOBJ1	282.15	After	Interior Girder 2	57.15	0.95	1	1	5.708229
Type 3-3_serv	BOBJ1	282.15	After	Right Exterior Girder	57.15	0.95	1	1	5.867599
Type 3-3_serv	BOBJ1	293.6	Before	Left Exterior Girder	68.6	0.95	1	1	4.956745
Type 3-3_serv	BOBJ1	293.6	Before	Interior Girder 1	68.6	0.95	1	1	4.089053
Type 3-3_serv	BOBJ1	293.6	Before	Interior Girder 2	68.6	0.95	1	1	4.089053
Type 3-3_serv	BOBJ1	293.6	Before	Right Exterior Girder	68.6	0.95	1	1	4.956745
Type 3-3_serv	BOBJ1	293.6	After	Left Exterior Girder	68.6	0.95	1	1	5.14003
Type 3-3_serv	BOBJ1	293.6	After	Interior Girder 1	68.6	0.95	1	1	4.169259
Type 3-3_serv	BOBJ1	293.6	After	Interior Girder 2	68.6	0.95	1	1	4.169259
Type 3-3_serv	BOBJ1	293.6	After	Right Exterior Girder	68.6	0.95	1	1	5.140029
Type 3-3_serv	BOBJ1	305	Before	Left Exterior Girder	80	0.95	1	1	2.710131
Type 3-3_serv	BOBJ1	305	Before	Interior Girder 1	80	0.95	1	1	2.269763
Type 3-3_serv	BOBJ1	305	Before	Interior Girder 2	80	0.95	1	1	2.269763
Type 3-3_serv	BOBJ1	305	Before	Right Exterior Girder	80	0.95	1	1	2.710131
Type 3-3_serv	BOBJ1	305	After	Left Exterior Girder	80	0.95	1	1	2.710588
Type 3-3_serv	BOBJ1	305	After	Interior Girder 1	80	0.95	1	1	2.269481
Type 3-3_serv	BOBJ1	305	After	Interior Girder 2	80	0.95	1	1	2.269481
Type 3-3_serv	BOBJ1	305	After	Right Exterior Girder	80	0.95	1	1	2.710588
Type 3-3_serv	BOBJ1	306.9561	Before	Left Exterior Girder	81.9561	0.95	1	1	2.394485
Type 3-3_serv	BOBJ1	306.9561	Before	Interior Girder 1	81.9561	0.95	1	1	2.028935
Type 3-3_serv	BOBJ1	306.9561	Before	Interior Girder 2	81.9561	0.95	1	1	2.028935
Type 3-3_serv	BOBJ1	306.9561	Before	Right Exterior Girder	81.9561	0.95	1	1	2.394485
Type 3-3_serv	BOBJ1	306.9561	After	Left Exterior Girder	81.9561	0.95	1	1	6.262842
Type 3-3_serv	BOBJ1	306.9561	After	Interior Girder 1	81.9561	0.95	1	1	5.373611
Type 3-3_serv	BOBJ1	306.9561	After	Interior Girder 2	81.9561	0.95	1	1	5.373611
Type 3-3_serv	BOBJ1	306.9561	After	Right Exterior Girder	81.9561	0.95	1	1	6.262842
Type 3-3_serv	BOBJ1	316.4	Before	Left Exterior Girder	91.4	0.95	1	1	4.546518
Type 3-3_serv	BOBJ1	316.4	Before	Interior Girder 1	91.4	0.95	1	1	4.049852
Type 3-3_serv	BOBJ1	316.4	Before	Interior Girder 2	91.4	0.95	1	1	4.049852
Type 3-3_serv	BOBJ1	316.4	Before	Right Exterior Girder	91.4	0.95	1	1	4.546518
Type 3-3_serv	BOBJ1	316.4	After	Left Exterior Girder	91.4	0.95	1	1	4.615576
Type 3-3_serv	BOBJ1	316.4	After	Interior Girder 1	91.4	0.95	1	1	4.053647
Type 3-3_serv	BOBJ1	316.4	After	Interior Girder 2	91.4	0.95	1	1	4.053647
Type 3-3_serv	BOBJ1	316.4	After	Right Exterior Girder	91.4	0.95	1	1	4.615576
Type 3-3_serv	BOBJ1	327.85	Before	Left Exterior Girder	102.9679	0.95	1	1	3.27353
Type 3-3_serv	BOBJ1	327.85	Before	Interior Girder 1	102.9679	0.95	1	1	2.904036
Type 3-3_serv	BOBJ1	327.85	Before	Interior Girder 2	102.9679	0.95	1	1	2.904036
Type 3-3_serv	BOBJ1	327.85	Before	Right Exterior Girder	102.9679	0.95	1	1	3.27353
Type 3-3_serv	BOBJ1	327.85	After	Left Exterior Girder	102.9679	0.95	1	1	6.315553
Type 3-3_serv	BOBJ1	327.85	After	Interior Girder 1	102.9679	0.95	1	1	5.700815
Type 3-3_serv	BOBJ1	327.85	After	Interior Girder 2	102.9679	0.95	1	1	5.700815
Type 3-3_serv	BOBJ1	327.85	After	Right Exterior Girder	102.9679	0.95	1	1	6.315552
Type 3-3_serv	BOBJ1	339.3	Before	Left Exterior Girder	114.3	0.95	1	1	5.114404
Type 3-3_serv	BOBJ1	339.3	Before	Interior Girder 1	114.3	0.95	1	1	4.723412
Type 3-3_serv	BOBJ1	339.3	Before	Interior Girder 2	114.3	0.95	1	1	4.723413
Type 3-3_serv	BOBJ1	339.3	Before	Right Exterior Girder	114.3	0.95	1	1	5.114404
Type 3-3_serv	BOBJ1	339.3	After	Left Exterior Girder	114.3	0.95	1	1	5.152622
Type 3-3_serv	BOBJ1	339.3	After	Interior Girder 1	114.3	0.95	1	1	4.728081
Type 3-3_serv	BOBJ1	339.3	After	Interior Girder 2	114.3	0.95	1	1	4.728081
Type 3-3_serv	BOBJ1	339.3	After	Right Exterior Girder	114.3	0.95	1	1	5.152623
Type 3-3_serv	BOBJ1	350.7	Before	Left Exterior Girder	125.7	0.95	1	1	4.393759
Type 3-3_serv	BOBJ1	350.7	Before	Interior Girder 1	125.7	0.95	1	1	4.031168
Type 3-3_serv	BOBJ1	350.7	Before	Interior Girder 2	125.7	0.95	1	1	4.031168
Type 3-3_serv	BOBJ1	350.7	Before	Right Exterior Girder	125.7	0.95	1	1	4.393759
Type 3-3_serv	BOBJ1	350.7	After	Left Exterior Girder	125.7	0.95	1	1	4.393536
Type 3-3_serv	BOBJ1	350.7	After	Interior Girder 1	125.7	0.95	1	1	4.031517
Type 3-3_serv	BOBJ1	350.7	After	Interior Girder 2	125.7	0.95	1	1	4.031517
Type 3-3_serv	BOBJ1	350.7	After	Right Exterior Girder	125.7	0.95	1	1	4.393536
Type 3-3_serv	BOBJ1	362.1	Before	Left Exterior Girder	137.1	0.95	1	1	3.879461
Type 3-3_serv	BOBJ1	362.1	Before	Interior Girder 1	137.1	0.95	1	1	3.6103
Type 3-3_serv	BOBJ1	362.1	Before	Interior Girder 2	137.1	0.95	1	1	3.6103
Type 3-3_serv	BOBJ1	362.1	Before	Right Exterior Girder	137.1	0.95	1	1	3.879461
Type 3-3_serv	BOBJ1	362.1	After	Left Exterior Girder	137.1	0.95	1	1	3.89881
Type 3-3_serv	BOBJ1	362.1	After	Interior Girder 1	137.1	0.95	1	1	3.615882
Type 3-3_serv	BOBJ1	362.1	After	Interior Girder 2	137.1	0.95	1	1	3.615882
Type 3-3_serv	BOBJ1	362.1	After	Right Exterior Girder	137.1	0.95	1	1	3.89881
Type 3-3_serv	BOBJ1	373.55	Before	Left Exterior Girder	148.55	0.95	1	1	3.637164
Type 3-3_serv	BOBJ1	373.55	Before	Interior Girder 1	148.55	0.95	1	1	3.359028

TABLE: Bridge Super Rating AASHTORATE18 26 - SteelINonCompServ-Flx - Main Span Girders									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Type 3-3_serv	BOBJ1	373.55	Before	Interior Girder 2	148.55	0.95	1	1	3.359028
Type 3-3_serv	BOBJ1	373.55	Before	Right Exterior Girder	148.55	0.95	1	1	3.637164
Type 3-3_serv	BOBJ1	373.55	After	Left Exterior Girder	148.55	0.95	1	1	3.636846
Type 3-3_serv	BOBJ1	373.55	After	Interior Girder 1	148.55	0.95	1	1	3.35933
Type 3-3_serv	BOBJ1	373.55	After	Interior Girder 2	148.55	0.95	1	1	3.35933
Type 3-3_serv	BOBJ1	373.55	After	Right Exterior Girder	148.55	0.95	1	1	3.636846
Type 3-3_serv	BOBJ1	385	Before	Left Exterior Girder	160	0.95	1	1	3.53661
Type 3-3_serv	BOBJ1	385	Before	Interior Girder 1	160	0.95	1	1	3.296525
Type 3-3_serv	BOBJ1	385	Before	Interior Girder 2	160	0.95	1	1	3.296525
Type 3-3_serv	BOBJ1	385	Before	Right Exterior Girder	160	0.95	1	1	3.536609
Type 3-3_serv	BOBJ1	385	After	Left Exterior Girder	160	0.95	1	1	3.536609
Type 3-3_serv	BOBJ1	385	After	Interior Girder 1	160	0.95	1	1	3.296525
Type 3-3_serv	BOBJ1	385	After	Interior Girder 2	160	0.95	1	1	3.296525
Type 3-3_serv	BOBJ1	385	After	Right Exterior Girder	160	0.95	1	1	3.53661
Type 3-3_serv	BOBJ1	396.45	Before	Left Exterior Girder	171.45	0.95	1	1	3.636846
Type 3-3_serv	BOBJ1	396.45	Before	Interior Girder 1	171.45	0.95	1	1	3.35933
Type 3-3_serv	BOBJ1	396.45	Before	Interior Girder 2	171.45	0.95	1	1	3.35933
Type 3-3_serv	BOBJ1	396.45	Before	Right Exterior Girder	171.45	0.95	1	1	3.636846
Type 3-3_serv	BOBJ1	396.45	After	Left Exterior Girder	171.45	0.95	1	1	3.637164
Type 3-3_serv	BOBJ1	396.45	After	Interior Girder 1	171.45	0.95	1	1	3.359028
Type 3-3_serv	BOBJ1	396.45	After	Interior Girder 2	171.45	0.95	1	1	3.359028
Type 3-3_serv	BOBJ1	396.45	After	Right Exterior Girder	171.45	0.95	1	1	3.637164
Type 3-3_serv	BOBJ1	407.9	Before	Left Exterior Girder	182.9	0.95	1	1	3.89881
Type 3-3_serv	BOBJ1	407.9	Before	Interior Girder 1	182.9	0.95	1	1	3.615882
Type 3-3_serv	BOBJ1	407.9	Before	Interior Girder 2	182.9	0.95	1	1	3.615882
Type 3-3_serv	BOBJ1	407.9	Before	Right Exterior Girder	182.9	0.95	1	1	3.89881
Type 3-3_serv	BOBJ1	407.9	After	Left Exterior Girder	182.9	0.95	1	1	3.879461
Type 3-3_serv	BOBJ1	407.9	After	Interior Girder 1	182.9	0.95	1	1	3.6103
Type 3-3_serv	BOBJ1	407.9	After	Interior Girder 2	182.9	0.95	1	1	3.6103
Type 3-3_serv	BOBJ1	407.9	After	Right Exterior Girder	182.9	0.95	1	1	3.879461
Type 3-3_serv	BOBJ1	419.3	Before	Left Exterior Girder	194.3	0.95	1	1	4.393536
Type 3-3_serv	BOBJ1	419.3	Before	Interior Girder 1	194.3	0.95	1	1	4.031517
Type 3-3_serv	BOBJ1	419.3	Before	Interior Girder 2	194.3	0.95	1	1	4.031516
Type 3-3_serv	BOBJ1	419.3	Before	Right Exterior Girder	194.3	0.95	1	1	4.393536
Type 3-3_serv	BOBJ1	419.3	After	Left Exterior Girder	194.3	0.95	1	1	4.393759
Type 3-3_serv	BOBJ1	419.3	After	Interior Girder 1	194.3	0.95	1	1	4.031168
Type 3-3_serv	BOBJ1	419.3	After	Interior Girder 2	194.3	0.95	1	1	4.031168
Type 3-3_serv	BOBJ1	419.3	After	Right Exterior Girder	194.3	0.95	1	1	4.393759
Type 3-3_serv	BOBJ1	430.7	Before	Left Exterior Girder	205.7	0.95	1	1	5.152623
Type 3-3_serv	BOBJ1	430.7	Before	Interior Girder 1	205.7	0.95	1	1	4.728081
Type 3-3_serv	BOBJ1	430.7	Before	Interior Girder 2	205.7	0.95	1	1	4.728081
Type 3-3_serv	BOBJ1	430.7	Before	Right Exterior Girder	205.7	0.95	1	1	5.152623
Type 3-3_serv	BOBJ1	430.7	After	Left Exterior Girder	205.7	0.95	1	1	5.114404
Type 3-3_serv	BOBJ1	430.7	After	Interior Girder 1	205.7	0.95	1	1	4.723412
Type 3-3_serv	BOBJ1	430.7	After	Interior Girder 2	205.7	0.95	1	1	4.723412
Type 3-3_serv	BOBJ1	430.7	After	Right Exterior Girder	205.7	0.95	1	1	5.114404
Type 3-3_serv	BOBJ1	442.15	Before	Left Exterior Girder	217.0321	0.95	1	1	6.304102
Type 3-3_serv	BOBJ1	442.15	Before	Interior Girder 1	217.0321	0.95	1	1	5.700074
Type 3-3_serv	BOBJ1	442.15	Before	Interior Girder 2	217.0321	0.95	1	1	5.700074
Type 3-3_serv	BOBJ1	442.15	Before	Right Exterior Girder	217.0321	0.95	1	1	6.304102
Type 3-3_serv	BOBJ1	442.15	After	Left Exterior Girder	217.0321	0.95	1	1	3.268498
Type 3-3_serv	BOBJ1	442.15	After	Interior Girder 1	217.0321	0.95	1	1	2.902669
Type 3-3_serv	BOBJ1	442.15	After	Interior Girder 2	217.0321	0.95	1	1	2.902669
Type 3-3_serv	BOBJ1	442.15	After	Right Exterior Girder	217.0321	0.95	1	1	3.268498
Type 3-3_serv	BOBJ1	453.6	Before	Left Exterior Girder	228.6	0.95	1	1	4.615576
Type 3-3_serv	BOBJ1	453.6	Before	Interior Girder 1	228.6	0.95	1	1	4.053647
Type 3-3_serv	BOBJ1	453.6	Before	Interior Girder 2	228.6	0.95	1	1	4.053647
Type 3-3_serv	BOBJ1	453.6	Before	Right Exterior Girder	228.6	0.95	1	1	4.615576
Type 3-3_serv	BOBJ1	453.6	After	Left Exterior Girder	228.6	0.95	1	1	4.546518
Type 3-3_serv	BOBJ1	453.6	After	Interior Girder 1	228.6	0.95	1	1	4.049852
Type 3-3_serv	BOBJ1	453.6	After	Interior Girder 2	228.6	0.95	1	1	4.049852
Type 3-3_serv	BOBJ1	453.6	After	Right Exterior Girder	228.6	0.95	1	1	4.546518
Type 3-3_serv	BOBJ1	463.0439	Before	Left Exterior Girder	238.0439	0.95	1	1	6.242618
Type 3-3_serv	BOBJ1	463.0439	Before	Interior Girder 1	238.0439	0.95	1	1	5.37312
Type 3-3_serv	BOBJ1	463.0439	Before	Interior Girder 2	238.0439	0.95	1	1	5.373121
Type 3-3_serv	BOBJ1	463.0439	Before	Right Exterior Girder	238.0439	0.95	1	1	6.242618
Type 3-3_serv	BOBJ1	463.0439	After	Left Exterior Girder	238.0439	0.95	1	1	2.387316
Type 3-3_serv	BOBJ1	463.0439	After	Interior Girder 1	238.0439	0.95	1	1	2.027763
Type 3-3_serv	BOBJ1	463.0439	After	Interior Girder 2	238.0439	0.95	1	1	2.027763
Type 3-3_serv	BOBJ1	463.0439	After	Right Exterior Girder	238.0439	0.95	1	1	2.387316

TABLE: Bridge Super Rating AASHTORATE18 26 - SteelINonCompServ-Flx - Main Span Girders									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Type 3-3_serv	BOBJ1	465	Before	Left Exterior Girder	240	0.95	1	1	2.710588
Type 3-3_serv	BOBJ1	465	Before	Interior Girder 1	240	0.95	1	1	2.269475
Type 3-3_serv	BOBJ1	465	Before	Interior Girder 2	240	0.95	1	1	2.269475
Type 3-3_serv	BOBJ1	465	Before	Right Exterior Girder	240	0.95	1	1	2.710588
Type 3-3_serv	BOBJ1	465	After	Left Exterior Girder	240	0.95	1	1	2.710131
Type 3-3_serv	BOBJ1	465	After	Interior Girder 1	240	0.95	1	1	2.269763
Type 3-3_serv	BOBJ1	465	After	Interior Girder 2	240	0.95	1	1	2.269763
Type 3-3_serv	BOBJ1	465	After	Right Exterior Girder	240	0.95	1	1	2.710131
Type 3-3_serv	BOBJ1	476.4	Before	Left Exterior Girder	251.4	0.95	1	1	5.14003
Type 3-3_serv	BOBJ1	476.4	Before	Interior Girder 1	251.4	0.95	1	1	4.169259
Type 3-3_serv	BOBJ1	476.4	Before	Interior Girder 2	251.4	0.95	1	1	4.169259
Type 3-3_serv	BOBJ1	476.4	Before	Right Exterior Girder	251.4	0.95	1	1	5.140029
Type 3-3_serv	BOBJ1	476.4	After	Left Exterior Girder	251.4	0.95	1	1	4.956744
Type 3-3_serv	BOBJ1	476.4	After	Interior Girder 1	251.4	0.95	1	1	4.089053
Type 3-3_serv	BOBJ1	476.4	After	Interior Girder 2	251.4	0.95	1	1	4.089054
Type 3-3_serv	BOBJ1	476.4	After	Right Exterior Girder	251.4	0.95	1	1	4.956744
Type 3-3_serv	BOBJ1	487.85	Before	Left Exterior Girder	262.85	0.95	1	1	5.867598
Type 3-3_serv	BOBJ1	487.85	Before	Interior Girder 1	262.85	0.95	1	1	5.708229
Type 3-3_serv	BOBJ1	487.85	Before	Interior Girder 2	262.85	0.95	1	1	5.708229
Type 3-3_serv	BOBJ1	487.85	Before	Right Exterior Girder	262.85	0.95	1	1	5.867598
Type 3-3_serv	BOBJ1	487.85	After	Left Exterior Girder	262.85	0.95	1	1	5.876011
Type 3-3_serv	BOBJ1	487.85	After	Interior Girder 1	262.85	0.95	1	1	5.699734
Type 3-3_serv	BOBJ1	487.85	After	Interior Girder 2	262.85	0.95	1	1	5.699734
Type 3-3_serv	BOBJ1	487.85	After	Right Exterior Girder	262.85	0.95	1	1	5.876011
Type 3-3_serv	BOBJ1	496.3126	Before	Left Exterior Girder	271.3126	0.95	1	1	3.835188
Type 3-3_serv	BOBJ1	496.3126	Before	Interior Girder 1	271.3126	0.95	1	1	3.689931
Type 3-3_serv	BOBJ1	496.3126	Before	Interior Girder 2	271.3126	0.95	1	1	3.689931
Type 3-3_serv	BOBJ1	496.3126	Before	Right Exterior Girder	271.3126	0.95	1	1	3.835188
Type 3-3_serv	BOBJ1	496.3126	After	Left Exterior Girder	271.3126	0.95	1	1	8.910743
Type 3-3_serv	BOBJ1	496.3126	After	Interior Girder 1	271.3126	0.95	1	1	8.506825
Type 3-3_serv	BOBJ1	496.3126	After	Interior Girder 2	271.3126	0.95	1	1	8.506825
Type 3-3_serv	BOBJ1	496.3126	After	Right Exterior Girder	271.3126	0.95	1	1	8.910743
Type 3-3_serv	BOBJ1	499.3	Before	Left Exterior Girder	274.3	0.95	1	1	8.130598
Type 3-3_serv	BOBJ1	499.3	Before	Interior Girder 1	274.3	0.95	1	1	7.729056
Type 3-3_serv	BOBJ1	499.3	Before	Interior Girder 2	274.3	0.95	1	1	7.729055
Type 3-3_serv	BOBJ1	499.3	Before	Right Exterior Girder	274.3	0.95	1	1	8.130598
Type 3-3_serv	BOBJ1	499.3	After	Left Exterior Girder	274.3	0.95	1	1	8.07281
Type 3-3_serv	BOBJ1	499.3	After	Interior Girder 1	274.3	0.95	1	1	7.68592
Type 3-3_serv	BOBJ1	499.3	After	Interior Girder 2	274.3	0.95	1	1	7.68592
Type 3-3_serv	BOBJ1	499.3	After	Right Exterior Girder	274.3	0.95	1	1	8.07281
Type 3-3_serv	BOBJ1	503.8969	Before	Left Exterior Girder	278.8969	0.95	1	1	6.902246
Type 3-3_serv	BOBJ1	503.8969	Before	Interior Girder 1	278.8969	0.95	1	1	6.505061
Type 3-3_serv	BOBJ1	503.8969	Before	Interior Girder 2	278.8969	0.95	1	1	6.505061
Type 3-3_serv	BOBJ1	503.8969	Before	Right Exterior Girder	278.8969	0.95	1	1	6.902246
Type 3-3_serv	BOBJ1	503.8969	After	Left Exterior Girder	278.8969	0.95	1	1	12.865507
Type 3-3_serv	BOBJ1	503.8969	After	Interior Girder 1	278.8969	0.95	1	1	12.110592
Type 3-3_serv	BOBJ1	503.8969	After	Interior Girder 2	278.8969	0.95	1	1	12.110592
Type 3-3_serv	BOBJ1	503.8969	After	Right Exterior Girder	278.8969	0.95	1	1	12.865507
Type 3-3_serv	BOBJ1	510.7	Before	Left Exterior Girder	285.7	0.95	1	1	10.995537
Type 3-3_serv	BOBJ1	510.7	Before	Interior Girder 1	285.7	0.95	1	1	10.190372
Type 3-3_serv	BOBJ1	510.7	Before	Interior Girder 2	285.7	0.95	1	1	10.190372
Type 3-3_serv	BOBJ1	510.7	Before	Right Exterior Girder	285.7	0.95	1	1	10.995537
Type 3-3_serv	BOBJ1	510.7	After	Left Exterior Girder	285.7	0.95	1	1	11.000857
Type 3-3_serv	BOBJ1	510.7	After	Interior Girder 1	285.7	0.95	1	1	10.18548
Type 3-3_serv	BOBJ1	510.7	After	Interior Girder 2	285.7	0.95	1	1	10.185479
Type 3-3_serv	BOBJ1	510.7	After	Right Exterior Girder	285.7	0.95	1	1	11.000857
Type 3-3_serv	BOBJ1	511.4811	Before	Left Exterior Girder	286.4811	0.95	1	1	10.78172
Type 3-3_serv	BOBJ1	511.4811	Before	Interior Girder 1	286.4811	0.95	1	1	9.973473
Type 3-3_serv	BOBJ1	511.4811	Before	Interior Girder 2	286.4811	0.95	1	1	9.973473
Type 3-3_serv	BOBJ1	511.4811	Before	Right Exterior Girder	286.4811	0.95	1	1	10.78172
Type 3-3_serv	BOBJ1	511.4811	After	Left Exterior Girder	286.4811	0.95	1	1	15.572838
Type 3-3_serv	BOBJ1	511.4811	After	Interior Girder 1	286.4811	0.95	1	1	14.514908
Type 3-3_serv	BOBJ1	511.4811	After	Interior Girder 2	286.4811	0.95	1	1	14.514908
Type 3-3_serv	BOBJ1	511.4811	After	Right Exterior Girder	286.4811	0.95	1	1	15.572838
Type 3-3_serv	BOBJ1	522.1	Before	Left Exterior Girder	297.1	0.95	1	1	11.123049
Type 3-3_serv	BOBJ1	522.1	Before	Interior Girder 1	297.1	0.95	1	1	11.358115
Type 3-3_serv	BOBJ1	522.1	Before	Interior Girder 2	297.1	0.95	1	1	11.358114
Type 3-3_serv	BOBJ1	522.1	Before	Right Exterior Girder	297.1	0.95	1	1	11.123049
Type 3-3_serv	BOBJ1	522.1	After	Left Exterior Girder	297.1	0.95	1	1	11.39686
Type 3-3_serv	BOBJ1	522.1	After	Interior Girder 1	297.1	0.95	1	1	11.3297

TABLE: Bridge Super Rating AASHTORATE18 26 - SteelINonCompServ-Flx - Main Span Girders									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Type 3-3_serv	BOBJ1	522.1	After	Interior Girder 2	297.1	0.95	1	1	11.3297
Type 3-3_serv	BOBJ1	522.1	After	Right Exterior Girder	297.1	0.95	1	1	11.39686
Type 3-3_serv	BOBJ1	530.4918	Before	Left Exterior Girder	305.4918	0.95	1	1	7.73718
Type 3-3_serv	BOBJ1	530.4918	Before	Interior Girder 1	305.4918	0.95	1	1	7.801275
Type 3-3_serv	BOBJ1	530.4918	Before	Interior Girder 2	305.4918	0.95	1	1	7.801275
Type 3-3_serv	BOBJ1	530.4918	Before	Right Exterior Girder	305.4918	0.95	1	1	7.73718
Type 3-3_serv	BOBJ1	530.4918	After	Left Exterior Girder	305.4918	0.95	1	1	11.369236
Type 3-3_serv	BOBJ1	530.4918	After	Interior Girder 1	305.4918	0.95	1	1	11.444744
Type 3-3_serv	BOBJ1	530.4918	After	Interior Girder 2	305.4918	0.95	1	1	11.444745
Type 3-3_serv	BOBJ1	530.4918	After	Right Exterior Girder	305.4918	0.95	1	1	11.369236
Type 3-3_serv	BOBJ1	533.55	Before	Left Exterior Girder	308.55	0.95	1	1	10.005359
Type 3-3_serv	BOBJ1	533.55	Before	Interior Girder 1	308.55	0.95	1	1	10.034624
Type 3-3_serv	BOBJ1	533.55	Before	Interior Girder 2	308.55	0.95	1	1	10.034625
Type 3-3_serv	BOBJ1	533.55	Before	Right Exterior Girder	308.55	0.95	1	1	10.005358
Type 3-3_serv	BOBJ1	533.55	After	Left Exterior Girder	308.55	0.95	1	1	9.984843
Type 3-3_serv	BOBJ1	533.55	After	Interior Girder 1	308.55	0.95	1	1	10.028977
Type 3-3_serv	BOBJ1	533.55	After	Interior Girder 2	308.55	0.95	1	1	10.028978
Type 3-3_serv	BOBJ1	533.55	After	Right Exterior Girder	308.55	0.95	1	1	9.984843
Type 3-3_serv	BOBJ1	545	Before	Left Exterior Girder	320	0.95	1	1	5.966767
Type 3-3_serv	BOBJ1	545	Before	Interior Girder 1	320	0.95	1	1	5.623692
Type 3-3_serv	BOBJ1	545	Before	Interior Girder 2	320	0.95	1	1	5.623692
Type 3-3_serv	BOBJ1	545	Before	Right Exterior Girder	320	0.95	1	1	5.966767
Type 3-3_serv	BOBJ1	545	After	Left Exterior Girder	0	0.95	1	1	6.335304
Type 3-3_serv	BOBJ1	545	After	Interior Girder 1	0	0.95	1	1	5.792798
Type 3-3_serv	BOBJ1	545	After	Interior Girder 2	0	0.95	1	1	5.792798
Type 3-3_serv	BOBJ1	545	After	Right Exterior Girder	0	0.95	1	1	6.335304
Type 3-3_serv	BOBJ1	556.25	Before	Left Exterior Girder	11.25	0.95	1	1	9.92931
Type 3-3_serv	BOBJ1	556.25	Before	Interior Girder 1	11.25	0.95	1	1	9.485873
Type 3-3_serv	BOBJ1	556.25	Before	Interior Girder 2	11.25	0.95	1	1	9.485873
Type 3-3_serv	BOBJ1	556.25	Before	Right Exterior Girder	11.25	0.95	1	1	9.929309
Type 3-3_serv	BOBJ1	556.25	After	Left Exterior Girder	11.25	0.95	1	1	9.940713
Type 3-3_serv	BOBJ1	556.25	After	Interior Girder 1	11.25	0.95	1	1	9.501054
Type 3-3_serv	BOBJ1	556.25	After	Interior Girder 2	11.25	0.95	1	1	9.501054
Type 3-3_serv	BOBJ1	556.25	After	Right Exterior Girder	11.25	0.95	1	1	9.940713
Type 3-3_serv	BOBJ1	559.4358	Before	Left Exterior Girder	14.4358	0.95	1	1	11.052645
Type 3-3_serv	BOBJ1	559.4358	Before	Interior Girder 1	14.4358	0.95	1	1	10.590478
Type 3-3_serv	BOBJ1	559.4358	Before	Interior Girder 2	14.4358	0.95	1	1	10.590478
Type 3-3_serv	BOBJ1	559.4358	Before	Right Exterior Girder	14.4358	0.95	1	1	11.052645
Type 3-3_serv	BOBJ1	559.4358	After	Left Exterior Girder	14.4358	0.95	1	1	7.477969
Type 3-3_serv	BOBJ1	559.4358	After	Interior Girder 1	14.4358	0.95	1	1	7.157452
Type 3-3_serv	BOBJ1	559.4358	After	Interior Girder 2	14.4358	0.95	1	1	7.157452
Type 3-3_serv	BOBJ1	559.4358	After	Right Exterior Girder	14.4358	0.95	1	1	7.477969
Type 3-3_serv	BOBJ1	567.5	Before	Left Exterior Girder	22.5	0.95	1	1	9.91651
Type 3-3_serv	BOBJ1	567.5	Before	Interior Girder 1	22.5	0.95	1	1	9.089639
Type 3-3_serv	BOBJ1	567.5	Before	Interior Girder 2	22.5	0.95	1	1	9.089639
Type 3-3_serv	BOBJ1	567.5	Before	Right Exterior Girder	22.5	0.95	1	1	9.916509
Type 3-3_serv	BOBJ1	567.5	After	Left Exterior Girder	22.5	0.95	1	1	9.671971
Type 3-3_serv	BOBJ1	567.5	After	Interior Girder 1	22.5	0.95	1	1	9.074927
Type 3-3_serv	BOBJ1	567.5	After	Interior Girder 2	22.5	0.95	1	1	9.074927
Type 3-3_serv	BOBJ1	567.5	After	Right Exterior Girder	22.5	0.95	1	1	9.671971
Type 3-3_serv	BOBJ1	570.0586	Before	Left Exterior Girder	25.0586	0.95	1	1	10.512101
Type 3-3_serv	BOBJ1	570.0586	Before	Interior Girder 1	25.0586	0.95	1	1	9.64266
Type 3-3_serv	BOBJ1	570.0586	Before	Interior Girder 2	25.0586	0.95	1	1	9.64266
Type 3-3_serv	BOBJ1	570.0586	Before	Right Exterior Girder	25.0586	0.95	1	1	10.5121
Type 3-3_serv	BOBJ1	570.0586	After	Left Exterior Girder	25.0586	0.95	1	1	6.427496
Type 3-3_serv	BOBJ1	570.0586	After	Interior Girder 1	25.0586	0.95	1	1	5.90722
Type 3-3_serv	BOBJ1	570.0586	After	Interior Girder 2	25.0586	0.95	1	1	5.90722
Type 3-3_serv	BOBJ1	570.0586	After	Right Exterior Girder	25.0586	0.95	1	1	6.427496
Type 3-3_serv	BOBJ1	578.75	Before	Left Exterior Girder	33.75	0.95	1	1	8.243554
Type 3-3_serv	BOBJ1	578.75	Before	Interior Girder 1	33.75	0.95	1	1	7.690114
Type 3-3_serv	BOBJ1	578.75	Before	Interior Girder 2	33.75	0.95	1	1	7.690114
Type 3-3_serv	BOBJ1	578.75	Before	Right Exterior Girder	33.75	0.95	1	1	8.243554
Type 3-3_serv	BOBJ1	578.75	After	Left Exterior Girder	33.75	0.95	1	1	8.22566
Type 3-3_serv	BOBJ1	578.75	After	Interior Girder 1	33.75	0.95	1	1	7.703157
Type 3-3_serv	BOBJ1	578.75	After	Interior Girder 2	33.75	0.95	1	1	7.703157
Type 3-3_serv	BOBJ1	578.75	After	Right Exterior Girder	33.75	0.95	1	1	8.22566
Type 3-3_serv	BOBJ1	586.8142	Before	Left Exterior Girder	41.8142	0.95	1	1	9.908827
Type 3-3_serv	BOBJ1	586.8142	Before	Interior Girder 1	41.8142	0.95	1	1	9.418859
Type 3-3_serv	BOBJ1	586.8142	Before	Interior Girder 2	41.8142	0.95	1	1	9.418859
Type 3-3_serv	BOBJ1	586.8142	Before	Right Exterior Girder	41.8142	0.95	1	1	9.908827

TABLE: Bridge Super Rating AASHTORATE18 26 - SteelINonCompServ-Flx - Main Span Girders									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Type 3-3_serv	BOBJ1	586.8142	After	Left Exterior Girder	41.8142	0.95	1	1	4.734286
Type 3-3_serv	BOBJ1	586.8142	After	Interior Girder 1	41.8142	0.95	1	1	4.515077
Type 3-3_serv	BOBJ1	586.8142	After	Interior Girder 2	41.8142	0.95	1	1	4.515077
Type 3-3_serv	BOBJ1	586.8142	After	Right Exterior Girder	41.8142	0.95	1	1	4.734286
Type 3-3_serv	BOBJ1	590	Before	Left Exterior Girder	45	0.95	1	1	5.322566
Type 3-3_serv	BOBJ1	590	Before	Interior Girder 1	45	0.95	1	1	5.110132
Type 3-3_serv	BOBJ1	590	Before	Interior Girder 2	45	0.95	1	1	5.110132
Type 3-3_serv	BOBJ1	590	Before	Right Exterior Girder	45	0.95	1	1	5.322566
Type 3-3_serv	BOBJ1	590	After	Left Exterior Girder	45	0.95	1	1	5.347297
Type 3-3_serv	BOBJ1	590	After	Interior Girder 1	45	0.95	1	1	5.12581
Type 3-3_serv	BOBJ1	590	After	Interior Girder 2	45	0.95	1	1	5.12581
Type 3-3_serv	BOBJ1	590	After	Right Exterior Girder	45	0.95	1	1	5.347297
Type 3-3_serv	BOBJ1	601.25	Before	Left Exterior Girder	56.25	0.95	1	1	7.477805
Type 3-3_serv	BOBJ1	601.25	Before	Interior Girder 1	56.25	0.95	1	1	7.271525
Type 3-3_serv	BOBJ1	601.25	Before	Interior Girder 2	56.25	0.95	1	1	7.271525
Type 3-3_serv	BOBJ1	601.25	Before	Right Exterior Girder	56.25	0.95	1	1	7.477805
Type 3-3_serv	BOBJ1	601.25	After	Left Exterior Girder	56.25	0.95	1	1	7.467663
Type 3-3_serv	BOBJ1	601.25	After	Interior Girder 1	56.25	0.95	1	1	7.279964
Type 3-3_serv	BOBJ1	601.25	After	Interior Girder 2	56.25	0.95	1	1	7.279964
Type 3-3_serv	BOBJ1	601.25	After	Right Exterior Girder	56.25	0.95	1	1	7.467663
Type 3-3_serv	BOBJ1	601.7478	Before	Left Exterior Girder	56.7478	0.95	1	1	7.563425
Type 3-3_serv	BOBJ1	601.7478	Before	Interior Girder 1	56.7478	0.95	1	1	7.379308
Type 3-3_serv	BOBJ1	601.7478	Before	Interior Girder 2	56.7478	0.95	1	1	7.379308
Type 3-3_serv	BOBJ1	601.7478	Before	Right Exterior Girder	56.7478	0.95	1	1	7.563425
Type 3-3_serv	BOBJ1	601.7478	After	Left Exterior Girder	56.7478	0.95	1	1	3.007373
Type 3-3_serv	BOBJ1	601.7478	After	Interior Girder 1	56.7478	0.95	1	1	2.957839
Type 3-3_serv	BOBJ1	601.7478	After	Interior Girder 2	56.7478	0.95	1	1	2.957839
Type 3-3_serv	BOBJ1	601.7478	After	Right Exterior Girder	56.7478	0.95	1	1	3.007372
Type 3-3_serv	BOBJ1	612.5	Before	Left Exterior Girder	67.5	0.95	1	1	4.83934
Type 3-3_serv	BOBJ1	612.5	Before	Interior Girder 1	67.5	0.95	1	1	4.803073
Type 3-3_serv	BOBJ1	612.5	Before	Interior Girder 2	67.5	0.95	1	1	4.803073
Type 3-3_serv	BOBJ1	612.5	Before	Right Exterior Girder	67.5	0.95	1	1	4.83934
Type 3-3_serv	BOBJ1	612.5	After	Left Exterior Girder	67.5	0.95	1	1	4.797082
Type 3-3_serv	BOBJ1	612.5	After	Interior Girder 1	67.5	0.95	1	1	4.777718
Type 3-3_serv	BOBJ1	612.5	After	Interior Girder 2	67.5	0.95	1	1	4.777718
Type 3-3_serv	BOBJ1	612.5	After	Right Exterior Girder	67.5	0.95	1	1	4.797082
Type 3-3_serv	BOBJ1	623.75	Before	Left Exterior Girder	78.75	0.95	1	1	4.95867
Type 3-3_serv	BOBJ1	623.75	Before	Interior Girder 1	78.75	0.95	1	1	4.313749
Type 3-3_serv	BOBJ1	623.75	Before	Interior Girder 2	78.75	0.95	1	1	4.313749
Type 3-3_serv	BOBJ1	623.75	Before	Right Exterior Girder	78.75	0.95	1	1	4.95867
Type 3-3_serv	BOBJ1	623.75	After	Left Exterior Girder	78.75	0.95	1	1	4.963045
Type 3-3_serv	BOBJ1	623.75	After	Interior Girder 1	78.75	0.95	1	1	4.309493
Type 3-3_serv	BOBJ1	623.75	After	Interior Girder 2	78.75	0.95	1	1	4.309493
Type 3-3_serv	BOBJ1	623.75	After	Right Exterior Girder	78.75	0.95	1	1	4.963046
Type 3-3_serv	BOBJ1	635	Before	Left Exterior Girder	90	0.95	1	1	3.420262
Type 3-3_serv	BOBJ1	635	Before	Interior Girder 1	90	0.95	1	1	3.119901
Type 3-3_serv	BOBJ1	635	Before	Interior Girder 2	90	0.95	1	1	3.119901
Type 3-3_serv	BOBJ1	635	Before	Right Exterior Girder	90	0.95	1	1	3.420262
Type 3-3_serv	BOBJ1	635	After	Left Exterior Girder	90	0.95	1	1	3.485108
Type 3-3_serv	BOBJ1	635	After	Interior Girder 1	90	0.95	1	1	3.132412
Type 3-3_serv	BOBJ1	635	After	Interior Girder 2	90	0.95	1	1	3.132412
Type 3-3_serv	BOBJ1	635	After	Right Exterior Girder	90	0.95	1	1	3.485108
Type 3-3_serv	BOBJ1	643.5619	Before	Left Exterior Girder	98.5619	0.95	1	1	2.705597
Type 3-3_serv	BOBJ1	643.5619	Before	Interior Girder 1	98.5619	0.95	1	1	2.463411
Type 3-3_serv	BOBJ1	643.5619	Before	Interior Girder 2	98.5619	0.95	1	1	2.463411
Type 3-3_serv	BOBJ1	643.5619	Before	Right Exterior Girder	98.5619	0.95	1	1	2.705597
Type 3-3_serv	BOBJ1	643.5619	After	Left Exterior Girder	98.5619	0.95	1	1	5.121178
Type 3-3_serv	BOBJ1	643.5619	After	Interior Girder 1	98.5619	0.95	1	1	4.653962
Type 3-3_serv	BOBJ1	643.5619	After	Interior Girder 2	98.5619	0.95	1	1	4.653962
Type 3-3_serv	BOBJ1	643.5619	After	Right Exterior Girder	98.5619	0.95	1	1	5.121178
Type 3-3_serv	BOBJ1	646.25	Before	Left Exterior Girder	101.25	0.95	1	1	4.859913
Type 3-3_serv	BOBJ1	646.25	Before	Interior Girder 1	101.25	0.95	1	1	4.44096
Type 3-3_serv	BOBJ1	646.25	Before	Interior Girder 2	101.25	0.95	1	1	4.440959
Type 3-3_serv	BOBJ1	646.25	Before	Right Exterior Girder	101.25	0.95	1	1	4.859913
Type 3-3_serv	BOBJ1	646.25	After	Left Exterior Girder	101.25	0.95	1	1	4.86014
Type 3-3_serv	BOBJ1	646.25	After	Interior Girder 1	101.25	0.95	1	1	4.441954
Type 3-3_serv	BOBJ1	646.25	After	Interior Girder 2	101.25	0.95	1	1	4.441954
Type 3-3_serv	BOBJ1	646.25	After	Right Exterior Girder	101.25	0.95	1	1	4.86014
Type 3-3_serv	BOBJ1	657.5	Before	Left Exterior Girder	112.5	0.95	1	1	4.013731
Type 3-3_serv	BOBJ1	657.5	Before	Interior Girder 1	112.5	0.95	1	1	3.768871

TABLE: Bridge Super Rating AASHTORATE18 26 - SteelINonCompServ-Flx - Main Span Girders									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Type 3-3_serv	BOBJ1	657.5	Before	Interior Girder 2	112.5	0.95	1	1	3.768871
Type 3-3_serv	BOBJ1	657.5	Before	Right Exterior Girder	112.5	0.95	1	1	4.013731
Type 3-3_serv	BOBJ1	657.5	After	Left Exterior Girder	112.5	0.95	1	1	4.03731
Type 3-3_serv	BOBJ1	657.5	After	Interior Girder 1	112.5	0.95	1	1	3.768892
Type 3-3_serv	BOBJ1	657.5	After	Interior Girder 2	112.5	0.95	1	1	3.768892
Type 3-3_serv	BOBJ1	657.5	After	Right Exterior Girder	112.5	0.95	1	1	4.03731
Type 3-3_serv	BOBJ1	668.75	Before	Left Exterior Girder	123.75	0.95	1	1	3.542357
Type 3-3_serv	BOBJ1	668.75	Before	Interior Girder 1	123.75	0.95	1	1	3.311268
Type 3-3_serv	BOBJ1	668.75	Before	Interior Girder 2	123.75	0.95	1	1	3.311268
Type 3-3_serv	BOBJ1	668.75	Before	Right Exterior Girder	123.75	0.95	1	1	3.542357
Type 3-3_serv	BOBJ1	668.75	After	Left Exterior Girder	123.75	0.95	1	1	3.545889
Type 3-3_serv	BOBJ1	668.75	After	Interior Girder 1	123.75	0.95	1	1	3.311411
Type 3-3_serv	BOBJ1	668.75	After	Interior Girder 2	123.75	0.95	1	1	3.311411
Type 3-3_serv	BOBJ1	668.75	After	Right Exterior Girder	123.75	0.95	1	1	3.545889
Type 3-3_serv	BOBJ1	680	Before	Left Exterior Girder	135	0.95	1	1	3.256393
Type 3-3_serv	BOBJ1	680	Before	Interior Girder 1	135	0.95	1	1	3.082085
Type 3-3_serv	BOBJ1	680	Before	Interior Girder 2	135	0.95	1	1	3.082085
Type 3-3_serv	BOBJ1	680	Before	Right Exterior Girder	135	0.95	1	1	3.256392
Type 3-3_serv	BOBJ1	680	After	Left Exterior Girder	135	0.95	1	1	3.254028
Type 3-3_serv	BOBJ1	680	After	Interior Girder 1	135	0.95	1	1	3.082761
Type 3-3_serv	BOBJ1	680	After	Interior Girder 2	135	0.95	1	1	3.082762
Type 3-3_serv	BOBJ1	680	After	Right Exterior Girder	135	0.95	1	1	3.254028
Type 3-3_serv	BOBJ1	691.25	Before	Left Exterior Girder	146.25	0.95	1	1	3.204899
Type 3-3_serv	BOBJ1	691.25	Before	Interior Girder 1	146.25	0.95	1	1	3.004303
Type 3-3_serv	BOBJ1	691.25	Before	Interior Girder 2	146.25	0.95	1	1	3.004303
Type 3-3_serv	BOBJ1	691.25	Before	Right Exterior Girder	146.25	0.95	1	1	3.204899
Type 3-3_serv	BOBJ1	691.25	After	Left Exterior Girder	146.25	0.95	1	1	3.20564
Type 3-3_serv	BOBJ1	691.25	After	Interior Girder 1	146.25	0.95	1	1	3.006637
Type 3-3_serv	BOBJ1	691.25	After	Interior Girder 2	146.25	0.95	1	1	3.006637
Type 3-3_serv	BOBJ1	691.25	After	Right Exterior Girder	146.25	0.95	1	1	3.20564
Type 3-3_serv	BOBJ1	702.5	Before	Left Exterior Girder	157.5	0.95	1	1	3.348914
Type 3-3_serv	BOBJ1	702.5	Before	Interior Girder 1	157.5	0.95	1	1	3.149296
Type 3-3_serv	BOBJ1	702.5	Before	Interior Girder 2	157.5	0.95	1	1	3.149296
Type 3-3_serv	BOBJ1	702.5	Before	Right Exterior Girder	157.5	0.95	1	1	3.348914
Type 3-3_serv	BOBJ1	702.5	After	Left Exterior Girder	157.5	0.95	1	1	3.313406
Type 3-3_serv	BOBJ1	702.5	After	Interior Girder 1	157.5	0.95	1	1	3.140226
Type 3-3_serv	BOBJ1	702.5	After	Interior Girder 2	157.5	0.95	1	1	3.140226
Type 3-3_serv	BOBJ1	702.5	After	Right Exterior Girder	157.5	0.95	1	1	3.313406
Type 3-3_serv	BOBJ1	713.75	Before	Left Exterior Girder	168.75	0.95	1	1	3.748297
Type 3-3_serv	BOBJ1	713.75	Before	Interior Girder 1	168.75	0.95	1	1	3.477035
Type 3-3_serv	BOBJ1	713.75	Before	Interior Girder 2	168.75	0.95	1	1	3.477035
Type 3-3_serv	BOBJ1	713.75	Before	Right Exterior Girder	168.75	0.95	1	1	3.748297
Type 3-3_serv	BOBJ1	713.75	After	Left Exterior Girder	168.75	0.95	1	1	3.74819
Type 3-3_serv	BOBJ1	713.75	After	Interior Girder 1	168.75	0.95	1	1	3.479123
Type 3-3_serv	BOBJ1	713.75	After	Interior Girder 2	168.75	0.95	1	1	3.479123
Type 3-3_serv	BOBJ1	713.75	After	Right Exterior Girder	168.75	0.95	1	1	3.74819
Type 3-3_serv	BOBJ1	725	Before	Left Exterior Girder	180	0.95	1	1	4.55018
Type 3-3_serv	BOBJ1	725	Before	Interior Girder 1	180	0.95	1	1	4.144982
Type 3-3_serv	BOBJ1	725	Before	Interior Girder 2	180	0.95	1	1	4.144982
Type 3-3_serv	BOBJ1	725	Before	Right Exterior Girder	180	0.95	1	1	4.55018
Type 3-3_serv	BOBJ1	725	After	Left Exterior Girder	180	0.95	1	1	4.477828
Type 3-3_serv	BOBJ1	725	After	Interior Girder 1	180	0.95	1	1	4.160162
Type 3-3_serv	BOBJ1	725	After	Interior Girder 2	180	0.95	1	1	4.160162
Type 3-3_serv	BOBJ1	725	After	Right Exterior Girder	180	0.95	1	1	4.477828
Type 3-3_serv	BOBJ1	731.1726	Before	Left Exterior Girder	186.1726	0.95	1	1	5.215892
Type 3-3_serv	BOBJ1	731.1726	Before	Interior Girder 1	186.1726	0.95	1	1	4.68623
Type 3-3_serv	BOBJ1	731.1726	Before	Interior Girder 2	186.1726	0.95	1	1	4.68623
Type 3-3_serv	BOBJ1	731.1726	Before	Right Exterior Girder	186.1726	0.95	1	1	5.215892
Type 3-3_serv	BOBJ1	731.1726	After	Left Exterior Girder	186.1726	0.95	1	1	2.239146
Type 3-3_serv	BOBJ1	731.1726	After	Interior Girder 1	186.1726	0.95	1	1	2.004632
Type 3-3_serv	BOBJ1	731.1726	After	Interior Girder 2	186.1726	0.95	1	1	2.004632
Type 3-3_serv	BOBJ1	731.1726	After	Right Exterior Girder	186.1726	0.95	1	1	2.239146
Type 3-3_serv	BOBJ1	736.25	Before	Left Exterior Girder	191.25	0.95	1	1	2.752536
Type 3-3_serv	BOBJ1	736.25	Before	Interior Girder 1	191.25	0.95	1	1	2.377863
Type 3-3_serv	BOBJ1	736.25	Before	Interior Girder 2	191.25	0.95	1	1	2.377863
Type 3-3_serv	BOBJ1	736.25	Before	Right Exterior Girder	191.25	0.95	1	1	2.752536
Type 3-3_serv	BOBJ1	736.25	After	Left Exterior Girder	191.25	0.95	1	1	2.744403
Type 3-3_serv	BOBJ1	736.25	After	Interior Girder 1	191.25	0.95	1	1	2.377365
Type 3-3_serv	BOBJ1	736.25	After	Interior Girder 2	191.25	0.95	1	1	2.377365
Type 3-3_serv	BOBJ1	736.25	After	Right Exterior Girder	191.25	0.95	1	1	2.744403

TABLE: Bridge Super Rating AASHTORATE18 26 - SteelNonCompServ-Flx - Main Span Girders									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Type 3-3_serv	BOBJ1	747.5	Before	Left Exterior Girder	202.5	0.95	1	1	4.793111
Type 3-3_serv	BOBJ1	747.5	Before	Interior Girder 1	202.5	0.95	1	1	3.897605
Type 3-3_serv	BOBJ1	747.5	Before	Interior Girder 2	202.5	0.95	1	1	3.897606
Type 3-3_serv	BOBJ1	747.5	Before	Right Exterior Girder	202.5	0.95	1	1	4.793111
Type 3-3_serv	BOBJ1	747.5	After	Left Exterior Girder	202.5	0.95	1	1	4.594282
Type 3-3_serv	BOBJ1	747.5	After	Interior Girder 1	202.5	0.95	1	1	3.856769
Type 3-3_serv	BOBJ1	747.5	After	Interior Girder 2	202.5	0.95	1	1	3.856769
Type 3-3_serv	BOBJ1	747.5	After	Right Exterior Girder	202.5	0.95	1	1	4.594281
Type 3-3_serv	BOBJ1	758.75	Before	Left Exterior Girder	213.75	0.95	1	1	10.91779
Type 3-3_serv	BOBJ1	758.75	Before	Interior Girder 1	213.75	0.95	1	1	8.102912
Type 3-3_serv	BOBJ1	758.75	Before	Interior Girder 2	213.75	0.95	1	1	8.102912
Type 3-3_serv	BOBJ1	758.75	Before	Right Exterior Girder	213.75	0.95	1	1	10.917787
Type 3-3_serv	BOBJ1	758.75	After	Left Exterior Girder	213.75	0.95	1	1	10.852563
Type 3-3_serv	BOBJ1	758.75	After	Interior Girder 1	213.75	0.95	1	1	7.988765
Type 3-3_serv	BOBJ1	758.75	After	Interior Girder 2	213.75	0.95	1	1	7.988765
Type 3-3_serv	BOBJ1	758.75	After	Right Exterior Girder	213.75	0.95	1	1	10.852559
Type 3-3_serv	BOBJ1	770	Before	Left Exterior Girder	225	0.95	1	1	209.112267
Type 3-3_serv	BOBJ1	770	Before	Interior Girder 1	225	0.95	1	1	178.745134
Type 3-3_serv	BOBJ1	770	Before	Interior Girder 2	225	0.95	1	1	178.744503
Type 3-3_serv	BOBJ1	770	Before	Right Exterior Girder	225	0.95	1	1	209.113317
EV2_serv	BOBJ1	0	After	Left Exterior Girder	0	0.95	1	1	280.146407
EV2_serv	BOBJ1	0	After	Interior Girder 1	0	0.95	1	1	231.298656
EV2_serv	BOBJ1	0	After	Interior Girder 2	0	0.95	1	1	231.298397
EV2_serv	BOBJ1	0	After	Right Exterior Girder	0	0.95	1	1	280.146398
EV2_serv	BOBJ1	11.25	Before	Left Exterior Girder	11.25	0.95	1	1	13.283053
EV2_serv	BOBJ1	11.25	Before	Interior Girder 1	11.25	0.95	1	1	8.573734
EV2_serv	BOBJ1	11.25	Before	Interior Girder 2	11.25	0.95	1	1	8.573735
EV2_serv	BOBJ1	11.25	Before	Right Exterior Girder	11.25	0.95	1	1	13.283052
EV2_serv	BOBJ1	11.25	After	Left Exterior Girder	11.25	0.95	1	1	13.31332
EV2_serv	BOBJ1	11.25	After	Interior Girder 1	11.25	0.95	1	1	8.674303
EV2_serv	BOBJ1	11.25	After	Interior Girder 2	11.25	0.95	1	1	8.674305
EV2_serv	BOBJ1	11.25	After	Right Exterior Girder	11.25	0.95	1	1	13.31332
EV2_serv	BOBJ1	22.5	Before	Left Exterior Girder	22.5	0.95	1	1	5.66849
EV2_serv	BOBJ1	22.5	Before	Interior Girder 1	22.5	0.95	1	1	4.188574
EV2_serv	BOBJ1	22.5	Before	Interior Girder 2	22.5	0.95	1	1	4.188575
EV2_serv	BOBJ1	22.5	Before	Right Exterior Girder	22.5	0.95	1	1	5.66849
EV2_serv	BOBJ1	22.5	After	Left Exterior Girder	22.5	0.95	1	1	5.906406
EV2_serv	BOBJ1	22.5	After	Interior Girder 1	22.5	0.95	1	1	4.240511
EV2_serv	BOBJ1	22.5	After	Interior Girder 2	22.5	0.95	1	1	4.240512
EV2_serv	BOBJ1	22.5	After	Right Exterior Girder	22.5	0.95	1	1	5.906406
EV2_serv	BOBJ1	33.75	Before	Left Exterior Girder	33.75	0.95	1	1	3.401355
EV2_serv	BOBJ1	33.75	Before	Interior Girder 1	33.75	0.95	1	1	2.618924
EV2_serv	BOBJ1	33.75	Before	Interior Girder 2	33.75	0.95	1	1	2.618924
EV2_serv	BOBJ1	33.75	Before	Right Exterior Girder	33.75	0.95	1	1	3.401355
EV2_serv	BOBJ1	33.75	After	Left Exterior Girder	33.75	0.95	1	1	3.410634
EV2_serv	BOBJ1	33.75	After	Interior Girder 1	33.75	0.95	1	1	2.618847
EV2_serv	BOBJ1	33.75	After	Interior Girder 2	33.75	0.95	1	1	2.618847
EV2_serv	BOBJ1	33.75	After	Right Exterior Girder	33.75	0.95	1	1	3.410634
EV2_serv	BOBJ1	38.8274	Before	Left Exterior Girder	38.8274	0.95	1	1	2.769907
EV2_serv	BOBJ1	38.8274	Before	Interior Girder 1	38.8274	0.95	1	1	2.212268
EV2_serv	BOBJ1	38.8274	Before	Interior Girder 2	38.8274	0.95	1	1	2.212268
EV2_serv	BOBJ1	38.8274	Before	Right Exterior Girder	38.8274	0.95	1	1	2.769907
EV2_serv	BOBJ1	38.8274	After	Left Exterior Girder	38.8274	0.95	1	1	6.44793
EV2_serv	BOBJ1	38.8274	After	Interior Girder 1	38.8274	0.95	1	1	5.175088
EV2_serv	BOBJ1	38.8274	After	Interior Girder 2	38.8274	0.95	1	1	5.175089
EV2_serv	BOBJ1	38.8274	After	Right Exterior Girder	38.8274	0.95	1	1	6.44793
EV2_serv	BOBJ1	45	Before	Left Exterior Girder	45	0.95	1	1	5.520637
EV2_serv	BOBJ1	45	Before	Interior Girder 1	45	0.95	1	1	4.638667
EV2_serv	BOBJ1	45	Before	Interior Girder 2	45	0.95	1	1	4.638667
EV2_serv	BOBJ1	45	Before	Right Exterior Girder	45	0.95	1	1	5.520637
EV2_serv	BOBJ1	45	After	Left Exterior Girder	45	0.95	1	1	5.583414
EV2_serv	BOBJ1	45	After	Interior Girder 1	45	0.95	1	1	4.601862
EV2_serv	BOBJ1	45	After	Interior Girder 2	45	0.95	1	1	4.601862
EV2_serv	BOBJ1	45	After	Right Exterior Girder	45	0.95	1	1	5.583414
EV2_serv	BOBJ1	56.25	Before	Left Exterior Girder	56.25	0.95	1	1	4.599589
EV2_serv	BOBJ1	56.25	Before	Interior Girder 1	56.25	0.95	1	1	3.906445
EV2_serv	BOBJ1	56.25	Before	Interior Girder 2	56.25	0.95	1	1	3.906445
EV2_serv	BOBJ1	56.25	Before	Right Exterior Girder	56.25	0.95	1	1	4.599589
EV2_serv	BOBJ1	56.25	After	Left Exterior Girder	56.25	0.95	1	1	4.600326
EV2_serv	BOBJ1	56.25	After	Interior Girder 1	56.25	0.95	1	1	3.908422

TABLE: Bridge Super Rating AASHTORATE18 26 - SteelINonCompServ-Flx - Main Span Girders									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
EV2_serv	BOBJ1	56.25	After	Interior Girder 2	56.25	0.95	1	1	3.908422
EV2_serv	BOBJ1	56.25	After	Right Exterior Girder	56.25	0.95	1	1	4.600327
EV2_serv	BOBJ1	67.5	Before	Left Exterior Girder	67.5	0.95	1	1	4.075734
EV2_serv	BOBJ1	67.5	Before	Interior Girder 1	67.5	0.95	1	1	3.626503
EV2_serv	BOBJ1	67.5	Before	Interior Girder 2	67.5	0.95	1	1	3.626503
EV2_serv	BOBJ1	67.5	Before	Right Exterior Girder	67.5	0.95	1	1	4.075734
EV2_serv	BOBJ1	67.5	After	Left Exterior Girder	67.5	0.95	1	1	4.114956
EV2_serv	BOBJ1	67.5	After	Interior Girder 1	67.5	0.95	1	1	3.615881
EV2_serv	BOBJ1	67.5	After	Interior Girder 2	67.5	0.95	1	1	3.61588
EV2_serv	BOBJ1	67.5	After	Right Exterior Girder	67.5	0.95	1	1	4.114956
EV2_serv	BOBJ1	78.75	Before	Left Exterior Girder	78.75	0.95	1	1	3.966144
EV2_serv	BOBJ1	78.75	Before	Interior Girder 1	78.75	0.95	1	1	3.493827
EV2_serv	BOBJ1	78.75	Before	Interior Girder 2	78.75	0.95	1	1	3.493827
EV2_serv	BOBJ1	78.75	Before	Right Exterior Girder	78.75	0.95	1	1	3.966144
EV2_serv	BOBJ1	78.75	After	Left Exterior Girder	78.75	0.95	1	1	3.962529
EV2_serv	BOBJ1	78.75	After	Interior Girder 1	78.75	0.95	1	1	3.498692
EV2_serv	BOBJ1	78.75	After	Interior Girder 2	78.75	0.95	1	1	3.498692
EV2_serv	BOBJ1	78.75	After	Right Exterior Girder	78.75	0.95	1	1	3.962529
EV2_serv	BOBJ1	90	Before	Left Exterior Girder	90	0.95	1	1	4.044095
EV2_serv	BOBJ1	90	Before	Interior Girder 1	90	0.95	1	1	3.648325
EV2_serv	BOBJ1	90	Before	Interior Girder 2	90	0.95	1	1	3.648325
EV2_serv	BOBJ1	90	Before	Right Exterior Girder	90	0.95	1	1	4.044095
EV2_serv	BOBJ1	90	After	Left Exterior Girder	90	0.95	1	1	4.048889
EV2_serv	BOBJ1	90	After	Interior Girder 1	90	0.95	1	1	3.644595
EV2_serv	BOBJ1	90	After	Interior Girder 2	90	0.95	1	1	3.644595
EV2_serv	BOBJ1	90	After	Right Exterior Girder	90	0.95	1	1	4.048889
EV2_serv	BOBJ1	101.25	Before	Left Exterior Girder	101.25	0.95	1	1	4.413136
EV2_serv	BOBJ1	101.25	Before	Interior Girder 1	101.25	0.95	1	1	3.903776
EV2_serv	BOBJ1	101.25	Before	Interior Girder 2	101.25	0.95	1	1	3.903776
EV2_serv	BOBJ1	101.25	Before	Right Exterior Girder	101.25	0.95	1	1	4.413136
EV2_serv	BOBJ1	101.25	After	Left Exterior Girder	101.25	0.95	1	1	4.406553
EV2_serv	BOBJ1	101.25	After	Interior Girder 1	101.25	0.95	1	1	3.897791
EV2_serv	BOBJ1	101.25	After	Interior Girder 2	101.25	0.95	1	1	3.897791
EV2_serv	BOBJ1	101.25	After	Right Exterior Girder	101.25	0.95	1	1	4.406553
EV2_serv	BOBJ1	112.5	Before	Left Exterior Girder	112.5	0.95	1	1	4.997167
EV2_serv	BOBJ1	112.5	Before	Interior Girder 1	112.5	0.95	1	1	4.444234
EV2_serv	BOBJ1	112.5	Before	Interior Girder 2	112.5	0.95	1	1	4.444234
EV2_serv	BOBJ1	112.5	Before	Right Exterior Girder	112.5	0.95	1	1	4.997167
EV2_serv	BOBJ1	112.5	After	Left Exterior Girder	112.5	0.95	1	1	4.963642
EV2_serv	BOBJ1	112.5	After	Interior Girder 1	112.5	0.95	1	1	4.434322
EV2_serv	BOBJ1	112.5	After	Interior Girder 2	112.5	0.95	1	1	4.434322
EV2_serv	BOBJ1	112.5	After	Right Exterior Girder	112.5	0.95	1	1	4.963642
EV2_serv	BOBJ1	123.75	Before	Left Exterior Girder	123.75	0.95	1	1	5.975041
EV2_serv	BOBJ1	123.75	Before	Interior Girder 1	123.75	0.95	1	1	5.193192
EV2_serv	BOBJ1	123.75	Before	Interior Girder 2	123.75	0.95	1	1	5.193193
EV2_serv	BOBJ1	123.75	Before	Right Exterior Girder	123.75	0.95	1	1	5.97504
EV2_serv	BOBJ1	123.75	After	Left Exterior Girder	123.75	0.95	1	1	5.977317
EV2_serv	BOBJ1	123.75	After	Interior Girder 1	123.75	0.95	1	1	5.189375
EV2_serv	BOBJ1	123.75	After	Interior Girder 2	123.75	0.95	1	1	5.189375
EV2_serv	BOBJ1	123.75	After	Right Exterior Girder	123.75	0.95	1	1	5.977317
EV2_serv	BOBJ1	126.4381	Before	Left Exterior Girder	126.4381	0.95	1	1	6.283816
EV2_serv	BOBJ1	126.4381	Before	Interior Girder 1	126.4381	0.95	1	1	5.432093
EV2_serv	BOBJ1	126.4381	Before	Interior Girder 2	126.4381	0.95	1	1	5.432093
EV2_serv	BOBJ1	126.4381	Before	Right Exterior Girder	126.4381	0.95	1	1	6.283816
EV2_serv	BOBJ1	126.4381	After	Left Exterior Girder	126.4381	0.95	1	1	3.319886
EV2_serv	BOBJ1	126.4381	After	Interior Girder 1	126.4381	0.95	1	1	2.874441
EV2_serv	BOBJ1	126.4381	After	Interior Girder 2	126.4381	0.95	1	1	2.874441
EV2_serv	BOBJ1	126.4381	After	Right Exterior Girder	126.4381	0.95	1	1	3.319886
EV2_serv	BOBJ1	135	Before	Left Exterior Girder	135	0.95	1	1	4.242724
EV2_serv	BOBJ1	135	Before	Interior Girder 1	135	0.95	1	1	3.639649
EV2_serv	BOBJ1	135	Before	Interior Girder 2	135	0.95	1	1	3.639649
EV2_serv	BOBJ1	135	Before	Right Exterior Girder	135	0.95	1	1	4.242724
EV2_serv	BOBJ1	135	After	Left Exterior Girder	135	0.95	1	1	4.166234
EV2_serv	BOBJ1	135	After	Interior Girder 1	135	0.95	1	1	3.617458
EV2_serv	BOBJ1	135	After	Interior Girder 2	135	0.95	1	1	3.617458
EV2_serv	BOBJ1	135	After	Right Exterior Girder	135	0.95	1	1	4.166234
EV2_serv	BOBJ1	146.25	Before	Left Exterior Girder	146.25	0.95	1	1	5.962408
EV2_serv	BOBJ1	146.25	Before	Interior Girder 1	146.25	0.95	1	1	4.93256
EV2_serv	BOBJ1	146.25	Before	Interior Girder 2	146.25	0.95	1	1	4.93256
EV2_serv	BOBJ1	146.25	Before	Right Exterior Girder	146.25	0.95	1	1	5.962408

TABLE: Bridge Super Rating AASHTORATE18 26 - SteelNonCompServ-Flx - Main Span Girders									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
EV2_serv	BOBJ1	146.25	After	Left Exterior Girder	146.25	0.95	1	1	5.957595
EV2_serv	BOBJ1	146.25	After	Interior Girder 1	146.25	0.95	1	1	4.93459
EV2_serv	BOBJ1	146.25	After	Interior Girder 2	146.25	0.95	1	1	4.93459
EV2_serv	BOBJ1	146.25	After	Right Exterior Girder	146.25	0.95	1	1	5.957595
EV2_serv	BOBJ1	157.5	Before	Left Exterior Girder	157.5	0.95	1	1	6.576534
EV2_serv	BOBJ1	157.5	Before	Interior Girder 1	157.5	0.95	1	1	6.549132
EV2_serv	BOBJ1	157.5	Before	Interior Girder 2	157.5	0.95	1	1	6.549132
EV2_serv	BOBJ1	157.5	Before	Right Exterior Girder	157.5	0.95	1	1	6.576534
EV2_serv	BOBJ1	157.5	After	Left Exterior Girder	157.5	0.95	1	1	6.634216
EV2_serv	BOBJ1	157.5	After	Interior Girder 1	157.5	0.95	1	1	6.584063
EV2_serv	BOBJ1	157.5	After	Interior Girder 2	157.5	0.95	1	1	6.584063
EV2_serv	BOBJ1	157.5	After	Right Exterior Girder	157.5	0.95	1	1	6.634217
EV2_serv	BOBJ1	168.2522	Before	Left Exterior Girder	168.2522	0.95	1	1	4.126344
EV2_serv	BOBJ1	168.2522	Before	Interior Girder 1	168.2522	0.95	1	1	4.050435
EV2_serv	BOBJ1	168.2522	Before	Interior Girder 2	168.2522	0.95	1	1	4.050435
EV2_serv	BOBJ1	168.2522	Before	Right Exterior Girder	168.2522	0.95	1	1	4.126344
EV2_serv	BOBJ1	168.2522	After	Left Exterior Girder	168.2522	0.95	1	1	10.375312
EV2_serv	BOBJ1	168.2522	After	Interior Girder 1	168.2522	0.95	1	1	10.107705
EV2_serv	BOBJ1	168.2522	After	Interior Girder 2	168.2522	0.95	1	1	10.107705
EV2_serv	BOBJ1	168.2522	After	Right Exterior Girder	168.2522	0.95	1	1	10.375313
EV2_serv	BOBJ1	168.75	Before	Left Exterior Girder	168.75	0.95	1	1	10.23742
EV2_serv	BOBJ1	168.75	Before	Interior Girder 1	168.75	0.95	1	1	9.979739
EV2_serv	BOBJ1	168.75	Before	Interior Girder 2	168.75	0.95	1	1	9.979738
EV2_serv	BOBJ1	168.75	Before	Right Exterior Girder	168.75	0.95	1	1	10.237421
EV2_serv	BOBJ1	168.75	After	Left Exterior Girder	168.75	0.95	1	1	10.251194
EV2_serv	BOBJ1	168.75	After	Interior Girder 1	168.75	0.95	1	1	9.96771
EV2_serv	BOBJ1	168.75	After	Interior Girder 2	168.75	0.95	1	1	9.96771
EV2_serv	BOBJ1	168.75	After	Right Exterior Girder	168.75	0.95	1	1	10.251195
EV2_serv	BOBJ1	180	Before	Left Exterior Girder	180	0.95	1	1	7.330908
EV2_serv	BOBJ1	180	Before	Interior Girder 1	180	0.95	1	1	7.027753
EV2_serv	BOBJ1	180	Before	Interior Girder 2	180	0.95	1	1	7.027752
EV2_serv	BOBJ1	180	Before	Right Exterior Girder	180	0.95	1	1	7.330909
EV2_serv	BOBJ1	180	After	Left Exterior Girder	180	0.95	1	1	7.2962
EV2_serv	BOBJ1	180	After	Interior Girder 1	180	0.95	1	1	7.005399
EV2_serv	BOBJ1	180	After	Interior Girder 2	180	0.95	1	1	7.005399
EV2_serv	BOBJ1	180	After	Right Exterior Girder	180	0.95	1	1	7.2962
EV2_serv	BOBJ1	183.1858	Before	Left Exterior Girder	183.1858	0.95	1	1	6.483932
EV2_serv	BOBJ1	183.1858	Before	Interior Girder 1	183.1858	0.95	1	1	6.194238
EV2_serv	BOBJ1	183.1858	Before	Interior Girder 2	183.1858	0.95	1	1	6.194238
EV2_serv	BOBJ1	183.1858	Before	Right Exterior Girder	183.1858	0.95	1	1	6.483933
EV2_serv	BOBJ1	183.1858	After	Left Exterior Girder	183.1858	0.95	1	1	13.574101
EV2_serv	BOBJ1	183.1858	After	Interior Girder 1	183.1858	0.95	1	1	12.921303
EV2_serv	BOBJ1	183.1858	After	Interior Girder 2	183.1858	0.95	1	1	12.921303
EV2_serv	BOBJ1	183.1858	After	Right Exterior Girder	183.1858	0.95	1	1	13.574101
EV2_serv	BOBJ1	191.25	Before	Left Exterior Girder	191.25	0.95	1	1	11.275002
EV2_serv	BOBJ1	191.25	Before	Interior Girder 1	191.25	0.95	1	1	10.555403
EV2_serv	BOBJ1	191.25	Before	Interior Girder 2	191.25	0.95	1	1	10.555403
EV2_serv	BOBJ1	191.25	Before	Right Exterior Girder	191.25	0.95	1	1	11.275003
EV2_serv	BOBJ1	191.25	After	Left Exterior Girder	191.25	0.95	1	1	11.299355
EV2_serv	BOBJ1	191.25	After	Interior Girder 1	191.25	0.95	1	1	10.539067
EV2_serv	BOBJ1	191.25	After	Interior Girder 2	191.25	0.95	1	1	10.539068
EV2_serv	BOBJ1	191.25	After	Right Exterior Girder	191.25	0.95	1	1	11.299355
EV2_serv	BOBJ1	199.9414	Before	Left Exterior Girder	199.9414	0.95	1	1	8.748801
EV2_serv	BOBJ1	199.9414	Before	Interior Girder 1	199.9414	0.95	1	1	8.09533
EV2_serv	BOBJ1	199.9414	Before	Interior Girder 2	199.9414	0.95	1	1	8.09533
EV2_serv	BOBJ1	199.9414	Before	Right Exterior Girder	199.9414	0.95	1	1	8.748801
EV2_serv	BOBJ1	199.9414	After	Left Exterior Girder	199.9414	0.95	1	1	14.310993
EV2_serv	BOBJ1	199.9414	After	Interior Girder 1	199.9414	0.95	1	1	13.216497
EV2_serv	BOBJ1	199.9414	After	Interior Girder 2	199.9414	0.95	1	1	13.216498
EV2_serv	BOBJ1	199.9414	After	Right Exterior Girder	199.9414	0.95	1	1	14.310993
EV2_serv	BOBJ1	202.5	Before	Left Exterior Girder	202.5	0.95	1	1	13.168949
EV2_serv	BOBJ1	202.5	Before	Interior Girder 1	202.5	0.95	1	1	12.428835
EV2_serv	BOBJ1	202.5	Before	Interior Girder 2	202.5	0.95	1	1	12.428836
EV2_serv	BOBJ1	202.5	Before	Right Exterior Girder	202.5	0.95	1	1	13.168949
EV2_serv	BOBJ1	202.5	After	Left Exterior Girder	202.5	0.95	1	1	13.51085
EV2_serv	BOBJ1	202.5	After	Interior Girder 1	202.5	0.95	1	1	12.447611
EV2_serv	BOBJ1	202.5	After	Interior Girder 2	202.5	0.95	1	1	12.447612
EV2_serv	BOBJ1	202.5	After	Right Exterior Girder	202.5	0.95	1	1	13.51085
EV2_serv	BOBJ1	210.5642	Before	Left Exterior Girder	210.5642	0.95	1	1	10.143455
EV2_serv	BOBJ1	210.5642	Before	Interior Girder 1	210.5642	0.95	1	1	9.719045

TABLE: Bridge Super Rating AASHTORATE18 26 - SteelNonCompServ-Flx - Main Span Girders									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
EV2_serv	BOBJ1	210.5642	Before	Interior Girder 2	210.5642	0.95	1	1	9.719045
EV2_serv	BOBJ1	210.5642	Before	Right Exterior Girder	210.5642	0.95	1	1	10.143455
EV2_serv	BOBJ1	210.5642	After	Left Exterior Girder	210.5642	0.95	1	1	14.994133
EV2_serv	BOBJ1	210.5642	After	Interior Girder 1	210.5642	0.95	1	1	14.376916
EV2_serv	BOBJ1	210.5642	After	Interior Girder 2	210.5642	0.95	1	1	14.376917
EV2_serv	BOBJ1	210.5642	After	Right Exterior Girder	210.5642	0.95	1	1	14.994133
EV2_serv	BOBJ1	213.75	Before	Left Exterior Girder	213.75	0.95	1	1	13.47616
EV2_serv	BOBJ1	213.75	Before	Interior Girder 1	213.75	0.95	1	1	12.745834
EV2_serv	BOBJ1	213.75	Before	Interior Girder 2	213.75	0.95	1	1	12.745834
EV2_serv	BOBJ1	213.75	Before	Right Exterior Girder	213.75	0.95	1	1	13.476159
EV2_serv	BOBJ1	213.75	After	Left Exterior Girder	213.75	0.95	1	1	13.459743
EV2_serv	BOBJ1	213.75	After	Interior Girder 1	213.75	0.95	1	1	12.721838
EV2_serv	BOBJ1	213.75	After	Interior Girder 2	213.75	0.95	1	1	12.721838
EV2_serv	BOBJ1	213.75	After	Right Exterior Girder	213.75	0.95	1	1	13.459743
EV2_serv	BOBJ1	225	Before	Left Exterior Girder	225	0.95	1	1	8.54517
EV2_serv	BOBJ1	225	Before	Interior Girder 1	225	0.95	1	1	7.740402
EV2_serv	BOBJ1	225	Before	Interior Girder 2	225	0.95	1	1	7.740402
EV2_serv	BOBJ1	225	Before	Right Exterior Girder	225	0.95	1	1	8.54517
EV2_serv	BOBJ1	225	After	Left Exterior Girder	0	0.95	1	1	8.14177
EV2_serv	BOBJ1	225	After	Interior Girder 1	0	0.95	1	1	7.518883
EV2_serv	BOBJ1	225	After	Interior Girder 2	0	0.95	1	1	7.518884
EV2_serv	BOBJ1	225	After	Right Exterior Girder	0	0.95	1	1	8.141769
EV2_serv	BOBJ1	236.45	Before	Left Exterior Girder	11.45	0.95	1	1	13.608021
EV2_serv	BOBJ1	236.45	Before	Interior Girder 1	11.45	0.95	1	1	13.53482
EV2_serv	BOBJ1	236.45	Before	Interior Girder 2	11.45	0.95	1	1	13.534821
EV2_serv	BOBJ1	236.45	Before	Right Exterior Girder	11.45	0.95	1	1	13.608021
EV2_serv	BOBJ1	236.45	After	Left Exterior Girder	11.45	0.95	1	1	13.635881
EV2_serv	BOBJ1	236.45	After	Interior Girder 1	11.45	0.95	1	1	13.541254
EV2_serv	BOBJ1	236.45	After	Interior Girder 2	11.45	0.95	1	1	13.541254
EV2_serv	BOBJ1	236.45	After	Right Exterior Girder	11.45	0.95	1	1	13.63588
EV2_serv	BOBJ1	239.5082	Before	Left Exterior Girder	14.5082	0.95	1	1	15.490955
EV2_serv	BOBJ1	239.5082	Before	Interior Girder 1	14.5082	0.95	1	1	15.481231
EV2_serv	BOBJ1	239.5082	Before	Interior Girder 2	14.5082	0.95	1	1	15.481231
EV2_serv	BOBJ1	239.5082	Before	Right Exterior Girder	14.5082	0.95	1	1	15.490955
EV2_serv	BOBJ1	239.5082	After	Left Exterior Girder	14.5082	0.95	1	1	10.542422
EV2_serv	BOBJ1	239.5082	After	Interior Girder 1	14.5082	0.95	1	1	10.539671
EV2_serv	BOBJ1	239.5082	After	Interior Girder 2	14.5082	0.95	1	1	10.539671
EV2_serv	BOBJ1	239.5082	After	Right Exterior Girder	14.5082	0.95	1	1	10.542421
EV2_serv	BOBJ1	247.9	Before	Left Exterior Girder	22.9	0.95	1	1	15.45438
EV2_serv	BOBJ1	247.9	Before	Interior Girder 1	22.9	0.95	1	1	15.261195
EV2_serv	BOBJ1	247.9	Before	Interior Girder 2	22.9	0.95	1	1	15.261195
EV2_serv	BOBJ1	247.9	Before	Right Exterior Girder	22.9	0.95	1	1	15.45438
EV2_serv	BOBJ1	247.9	After	Left Exterior Girder	22.9	0.95	1	1	15.086736
EV2_serv	BOBJ1	247.9	After	Interior Girder 1	22.9	0.95	1	1	15.277353
EV2_serv	BOBJ1	247.9	After	Interior Girder 2	22.9	0.95	1	1	15.277353
EV2_serv	BOBJ1	247.9	After	Right Exterior Girder	22.9	0.95	1	1	15.086736
EV2_serv	BOBJ1	258.5189	Before	Left Exterior Girder	33.5189	0.95	1	1	20.919471
EV2_serv	BOBJ1	258.5189	Before	Interior Girder 1	33.5189	0.95	1	1	19.526628
EV2_serv	BOBJ1	258.5189	Before	Interior Girder 2	33.5189	0.95	1	1	19.526627
EV2_serv	BOBJ1	258.5189	Before	Right Exterior Girder	33.5189	0.95	1	1	20.919471
EV2_serv	BOBJ1	258.5189	After	Left Exterior Girder	33.5189	0.95	1	1	14.524236
EV2_serv	BOBJ1	258.5189	After	Interior Girder 1	33.5189	0.95	1	1	13.410265
EV2_serv	BOBJ1	258.5189	After	Interior Girder 2	33.5189	0.95	1	1	13.410265
EV2_serv	BOBJ1	258.5189	After	Right Exterior Girder	33.5189	0.95	1	1	14.524236
EV2_serv	BOBJ1	259.3	Before	Left Exterior Girder	34.3	0.95	1	1	14.82235
EV2_serv	BOBJ1	259.3	Before	Interior Girder 1	34.3	0.95	1	1	13.702861
EV2_serv	BOBJ1	259.3	Before	Interior Girder 2	34.3	0.95	1	1	13.702861
EV2_serv	BOBJ1	259.3	Before	Right Exterior Girder	34.3	0.95	1	1	14.822351
EV2_serv	BOBJ1	259.3	After	Left Exterior Girder	34.3	0.95	1	1	14.815401
EV2_serv	BOBJ1	259.3	After	Interior Girder 1	34.3	0.95	1	1	13.708549
EV2_serv	BOBJ1	259.3	After	Interior Girder 2	34.3	0.95	1	1	13.708548
EV2_serv	BOBJ1	259.3	After	Right Exterior Girder	34.3	0.95	1	1	14.815401
EV2_serv	BOBJ1	266.1031	Before	Left Exterior Girder	41.1031	0.95	1	1	17.333511
EV2_serv	BOBJ1	266.1031	Before	Interior Girder 1	41.1031	0.95	1	1	16.302188
EV2_serv	BOBJ1	266.1031	Before	Interior Girder 2	41.1031	0.95	1	1	16.302187
EV2_serv	BOBJ1	266.1031	Before	Right Exterior Girder	41.1031	0.95	1	1	17.333511
EV2_serv	BOBJ1	266.1031	After	Left Exterior Girder	41.1031	0.95	1	1	9.299804
EV2_serv	BOBJ1	266.1031	After	Interior Girder 1	41.1031	0.95	1	1	8.751954
EV2_serv	BOBJ1	266.1031	After	Interior Girder 2	41.1031	0.95	1	1	8.751954
EV2_serv	BOBJ1	266.1031	After	Right Exterior Girder	41.1031	0.95	1	1	9.299804

TABLE: Bridge Super Rating AASHTORATE18 26 - SteelNonCompServ-Flx - Main Span Girders									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
EV2_serv	BOBJ1	270.7	Before	Left Exterior Girder	45.7	0.95	1	1	10.876401
EV2_serv	BOBJ1	270.7	Before	Interior Girder 1	45.7	0.95	1	1	10.345579
EV2_serv	BOBJ1	270.7	Before	Interior Girder 2	45.7	0.95	1	1	10.345579
EV2_serv	BOBJ1	270.7	Before	Right Exterior Girder	45.7	0.95	1	1	10.876401
EV2_serv	BOBJ1	270.7	After	Left Exterior Girder	45.7	0.95	1	1	10.954183
EV2_serv	BOBJ1	270.7	After	Interior Girder 1	45.7	0.95	1	1	10.406357
EV2_serv	BOBJ1	270.7	After	Interior Girder 2	45.7	0.95	1	1	10.406357
EV2_serv	BOBJ1	270.7	After	Right Exterior Girder	45.7	0.95	1	1	10.954183
EV2_serv	BOBJ1	273.6874	Before	Left Exterior Girder	48.6874	0.95	1	1	12.001044
EV2_serv	BOBJ1	273.6874	Before	Interior Girder 1	48.6874	0.95	1	1	11.447435
EV2_serv	BOBJ1	273.6874	Before	Interior Girder 2	48.6874	0.95	1	1	11.447435
EV2_serv	BOBJ1	273.6874	Before	Right Exterior Girder	48.6874	0.95	1	1	12.001043
EV2_serv	BOBJ1	273.6874	After	Left Exterior Girder	48.6874	0.95	1	1	5.165729
EV2_serv	BOBJ1	273.6874	After	Interior Girder 1	48.6874	0.95	1	1	4.962531
EV2_serv	BOBJ1	273.6874	After	Interior Girder 2	48.6874	0.95	1	1	4.962531
EV2_serv	BOBJ1	273.6874	After	Right Exterior Girder	48.6874	0.95	1	1	5.165729
EV2_serv	BOBJ1	282.15	Before	Left Exterior Girder	57.15	0.95	1	1	7.91736
EV2_serv	BOBJ1	282.15	Before	Interior Girder 1	57.15	0.95	1	1	7.655384
EV2_serv	BOBJ1	282.15	Before	Interior Girder 2	57.15	0.95	1	1	7.655384
EV2_serv	BOBJ1	282.15	Before	Right Exterior Girder	57.15	0.95	1	1	7.91736
EV2_serv	BOBJ1	282.15	After	Left Exterior Girder	57.15	0.95	1	1	7.90598
EV2_serv	BOBJ1	282.15	After	Interior Girder 1	57.15	0.95	1	1	7.670431
EV2_serv	BOBJ1	282.15	After	Interior Girder 2	57.15	0.95	1	1	7.67043
EV2_serv	BOBJ1	282.15	After	Right Exterior Girder	57.15	0.95	1	1	7.90598
EV2_serv	BOBJ1	293.6	Before	Left Exterior Girder	68.6	0.95	1	1	5.812396
EV2_serv	BOBJ1	293.6	Before	Interior Girder 1	68.6	0.95	1	1	4.596312
EV2_serv	BOBJ1	293.6	Before	Interior Girder 2	68.6	0.95	1	1	4.596312
EV2_serv	BOBJ1	293.6	Before	Right Exterior Girder	68.6	0.95	1	1	5.812395
EV2_serv	BOBJ1	293.6	After	Left Exterior Girder	68.6	0.95	1	1	6.018471
EV2_serv	BOBJ1	293.6	After	Interior Girder 1	68.6	0.95	1	1	4.681963
EV2_serv	BOBJ1	293.6	After	Interior Girder 2	68.6	0.95	1	1	4.681963
EV2_serv	BOBJ1	293.6	After	Right Exterior Girder	68.6	0.95	1	1	6.018471
EV2_serv	BOBJ1	305	Before	Left Exterior Girder	80	0.95	1	1	3.26563
EV2_serv	BOBJ1	305	Before	Interior Girder 1	80	0.95	1	1	2.600545
EV2_serv	BOBJ1	305	Before	Interior Girder 2	80	0.95	1	1	2.600545
EV2_serv	BOBJ1	305	Before	Right Exterior Girder	80	0.95	1	1	3.26563
EV2_serv	BOBJ1	305	After	Left Exterior Girder	80	0.95	1	1	3.266108
EV2_serv	BOBJ1	305	After	Interior Girder 1	80	0.95	1	1	2.600159
EV2_serv	BOBJ1	305	After	Interior Girder 2	80	0.95	1	1	2.600159
EV2_serv	BOBJ1	305	After	Right Exterior Girder	80	0.95	1	1	3.266108
EV2_serv	BOBJ1	306.9561	Before	Left Exterior Girder	81.9561	0.95	1	1	2.896665
EV2_serv	BOBJ1	306.9561	Before	Interior Girder 1	81.9561	0.95	1	1	2.33274
EV2_serv	BOBJ1	306.9561	Before	Interior Girder 2	81.9561	0.95	1	1	2.33274
EV2_serv	BOBJ1	306.9561	Before	Right Exterior Girder	81.9561	0.95	1	1	2.896665
EV2_serv	BOBJ1	306.9561	After	Left Exterior Girder	81.9561	0.95	1	1	7.578105
EV2_serv	BOBJ1	306.9561	After	Interior Girder 1	81.9561	0.95	1	1	6.183152
EV2_serv	BOBJ1	306.9561	After	Interior Girder 2	81.9561	0.95	1	1	6.183152
EV2_serv	BOBJ1	306.9561	After	Right Exterior Girder	81.9561	0.95	1	1	7.578105
EV2_serv	BOBJ1	316.4	Before	Left Exterior Girder	91.4	0.95	1	1	5.581277
EV2_serv	BOBJ1	316.4	Before	Interior Girder 1	91.4	0.95	1	1	4.730868
EV2_serv	BOBJ1	316.4	Before	Interior Girder 2	91.4	0.95	1	1	4.730868
EV2_serv	BOBJ1	316.4	Before	Right Exterior Girder	91.4	0.95	1	1	5.581277
EV2_serv	BOBJ1	316.4	After	Left Exterior Girder	91.4	0.95	1	1	5.655496
EV2_serv	BOBJ1	316.4	After	Interior Girder 1	91.4	0.95	1	1	4.722344
EV2_serv	BOBJ1	316.4	After	Interior Girder 2	91.4	0.95	1	1	4.722344
EV2_serv	BOBJ1	316.4	After	Right Exterior Girder	91.4	0.95	1	1	5.655496
EV2_serv	BOBJ1	327.85	Before	Left Exterior Girder	102.9679	0.95	1	1	4.060421
EV2_serv	BOBJ1	327.85	Before	Interior Girder 1	102.9679	0.95	1	1	3.410699
EV2_serv	BOBJ1	327.85	Before	Interior Girder 2	102.9679	0.95	1	1	3.4107
EV2_serv	BOBJ1	327.85	Before	Right Exterior Girder	102.9679	0.95	1	1	4.06042
EV2_serv	BOBJ1	327.85	After	Left Exterior Girder	102.9679	0.95	1	1	7.843825
EV2_serv	BOBJ1	327.85	After	Interior Girder 1	102.9679	0.95	1	1	6.704522
EV2_serv	BOBJ1	327.85	After	Interior Girder 2	102.9679	0.95	1	1	6.704523
EV2_serv	BOBJ1	327.85	After	Right Exterior Girder	102.9679	0.95	1	1	7.843825
EV2_serv	BOBJ1	339.3	Before	Left Exterior Girder	114.3	0.95	1	1	6.392148
EV2_serv	BOBJ1	339.3	Before	Interior Girder 1	114.3	0.95	1	1	5.630852
EV2_serv	BOBJ1	339.3	Before	Interior Girder 2	114.3	0.95	1	1	5.630852
EV2_serv	BOBJ1	339.3	Before	Right Exterior Girder	114.3	0.95	1	1	6.392148
EV2_serv	BOBJ1	339.3	After	Left Exterior Girder	114.3	0.95	1	1	6.43957
EV2_serv	BOBJ1	339.3	After	Interior Girder 1	114.3	0.95	1	1	5.630126

TABLE: Bridge Super Rating AASHTORATE18 26 - SteelINonCompServ-Flx - Main Span Girders									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
EV2_serv	BOBJ1	339.3	After	Interior Girder 2	114.3	0.95	1	1	5.630126
EV2_serv	BOBJ1	339.3	After	Right Exterior Girder	114.3	0.95	1	1	6.43957
EV2_serv	BOBJ1	350.7	Before	Left Exterior Girder	125.7	0.95	1	1	5.531961
EV2_serv	BOBJ1	350.7	Before	Interior Girder 1	125.7	0.95	1	1	4.830268
EV2_serv	BOBJ1	350.7	Before	Interior Girder 2	125.7	0.95	1	1	4.830268
EV2_serv	BOBJ1	350.7	Before	Right Exterior Girder	125.7	0.95	1	1	5.531961
EV2_serv	BOBJ1	350.7	After	Left Exterior Girder	125.7	0.95	1	1	5.529779
EV2_serv	BOBJ1	350.7	After	Interior Girder 1	125.7	0.95	1	1	4.836207
EV2_serv	BOBJ1	350.7	After	Interior Girder 2	125.7	0.95	1	1	4.836207
EV2_serv	BOBJ1	350.7	After	Right Exterior Girder	125.7	0.95	1	1	5.529779
EV2_serv	BOBJ1	362.1	Before	Left Exterior Girder	137.1	0.95	1	1	4.904965
EV2_serv	BOBJ1	362.1	Before	Interior Girder 1	137.1	0.95	1	1	4.374244
EV2_serv	BOBJ1	362.1	Before	Interior Girder 2	137.1	0.95	1	1	4.374244
EV2_serv	BOBJ1	362.1	Before	Right Exterior Girder	137.1	0.95	1	1	4.904965
EV2_serv	BOBJ1	362.1	After	Left Exterior Girder	137.1	0.95	1	1	4.92947
EV2_serv	BOBJ1	362.1	After	Interior Girder 1	137.1	0.95	1	1	4.384989
EV2_serv	BOBJ1	362.1	After	Interior Girder 2	137.1	0.95	1	1	4.384989
EV2_serv	BOBJ1	362.1	After	Right Exterior Girder	137.1	0.95	1	1	4.92947
EV2_serv	BOBJ1	373.55	Before	Left Exterior Girder	148.55	0.95	1	1	4.617195
EV2_serv	BOBJ1	373.55	Before	Interior Girder 1	148.55	0.95	1	1	4.078205
EV2_serv	BOBJ1	373.55	Before	Interior Girder 2	148.55	0.95	1	1	4.078205
EV2_serv	BOBJ1	373.55	Before	Right Exterior Girder	148.55	0.95	1	1	4.617195
EV2_serv	BOBJ1	373.55	After	Left Exterior Girder	148.55	0.95	1	1	4.616093
EV2_serv	BOBJ1	373.55	After	Interior Girder 1	148.55	0.95	1	1	4.082822
EV2_serv	BOBJ1	373.55	After	Interior Girder 2	148.55	0.95	1	1	4.082822
EV2_serv	BOBJ1	373.55	After	Right Exterior Girder	148.55	0.95	1	1	4.616093
EV2_serv	BOBJ1	385	Before	Left Exterior Girder	160	0.95	1	1	4.491719
EV2_serv	BOBJ1	385	Before	Interior Girder 1	160	0.95	1	1	4.016392
EV2_serv	BOBJ1	385	Before	Interior Girder 2	160	0.95	1	1	4.016392
EV2_serv	BOBJ1	385	Before	Right Exterior Girder	160	0.95	1	1	4.491719
EV2_serv	BOBJ1	385	After	Left Exterior Girder	160	0.95	1	1	4.491719
EV2_serv	BOBJ1	385	After	Interior Girder 1	160	0.95	1	1	4.016392
EV2_serv	BOBJ1	385	After	Interior Girder 2	160	0.95	1	1	4.016392
EV2_serv	BOBJ1	385	After	Right Exterior Girder	160	0.95	1	1	4.491719
EV2_serv	BOBJ1	396.45	Before	Left Exterior Girder	171.45	0.95	1	1	4.616093
EV2_serv	BOBJ1	396.45	Before	Interior Girder 1	171.45	0.95	1	1	4.082822
EV2_serv	BOBJ1	396.45	Before	Interior Girder 2	171.45	0.95	1	1	4.082822
EV2_serv	BOBJ1	396.45	Before	Right Exterior Girder	171.45	0.95	1	1	4.616094
EV2_serv	BOBJ1	396.45	After	Left Exterior Girder	171.45	0.95	1	1	4.617195
EV2_serv	BOBJ1	396.45	After	Interior Girder 1	171.45	0.95	1	1	4.078205
EV2_serv	BOBJ1	396.45	After	Interior Girder 2	171.45	0.95	1	1	4.078205
EV2_serv	BOBJ1	396.45	After	Right Exterior Girder	171.45	0.95	1	1	4.617195
EV2_serv	BOBJ1	407.9	Before	Left Exterior Girder	182.9	0.95	1	1	4.929471
EV2_serv	BOBJ1	407.9	Before	Interior Girder 1	182.9	0.95	1	1	4.384989
EV2_serv	BOBJ1	407.9	Before	Interior Girder 2	182.9	0.95	1	1	4.384989
EV2_serv	BOBJ1	407.9	Before	Right Exterior Girder	182.9	0.95	1	1	4.929471
EV2_serv	BOBJ1	407.9	After	Left Exterior Girder	182.9	0.95	1	1	4.904965
EV2_serv	BOBJ1	407.9	After	Interior Girder 1	182.9	0.95	1	1	4.374244
EV2_serv	BOBJ1	407.9	After	Interior Girder 2	182.9	0.95	1	1	4.374244
EV2_serv	BOBJ1	407.9	After	Right Exterior Girder	182.9	0.95	1	1	4.904965
EV2_serv	BOBJ1	419.3	Before	Left Exterior Girder	194.3	0.95	1	1	5.529779
EV2_serv	BOBJ1	419.3	Before	Interior Girder 1	194.3	0.95	1	1	4.836207
EV2_serv	BOBJ1	419.3	Before	Interior Girder 2	194.3	0.95	1	1	4.836207
EV2_serv	BOBJ1	419.3	Before	Right Exterior Girder	194.3	0.95	1	1	5.529779
EV2_serv	BOBJ1	419.3	After	Left Exterior Girder	194.3	0.95	1	1	5.531961
EV2_serv	BOBJ1	419.3	After	Interior Girder 1	194.3	0.95	1	1	4.830268
EV2_serv	BOBJ1	419.3	After	Interior Girder 2	194.3	0.95	1	1	4.830268
EV2_serv	BOBJ1	419.3	After	Right Exterior Girder	194.3	0.95	1	1	5.531961
EV2_serv	BOBJ1	430.7	Before	Left Exterior Girder	205.7	0.95	1	1	6.43957
EV2_serv	BOBJ1	430.7	Before	Interior Girder 1	205.7	0.95	1	1	5.630126
EV2_serv	BOBJ1	430.7	Before	Interior Girder 2	205.7	0.95	1	1	5.630126
EV2_serv	BOBJ1	430.7	Before	Right Exterior Girder	205.7	0.95	1	1	6.43957
EV2_serv	BOBJ1	430.7	After	Left Exterior Girder	205.7	0.95	1	1	6.392148
EV2_serv	BOBJ1	430.7	After	Interior Girder 1	205.7	0.95	1	1	5.630852
EV2_serv	BOBJ1	430.7	After	Interior Girder 2	205.7	0.95	1	1	5.630852
EV2_serv	BOBJ1	430.7	After	Right Exterior Girder	205.7	0.95	1	1	6.392148
EV2_serv	BOBJ1	442.15	Before	Left Exterior Girder	217.0321	0.95	1	1	7.831058
EV2_serv	BOBJ1	442.15	Before	Interior Girder 1	217.0321	0.95	1	1	6.704681
EV2_serv	BOBJ1	442.15	Before	Interior Girder 2	217.0321	0.95	1	1	6.704681
EV2_serv	BOBJ1	442.15	Before	Right Exterior Girder	217.0321	0.95	1	1	7.831058

TABLE: Bridge Super Rating AASHTORATE18 26 - SteelINonCompServ-Flx - Main Span Girders									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
EV2_serv	BOBJ1	442.15	After	Left Exterior Girder	217.0321	0.95	1	1	4.054796
EV2_serv	BOBJ1	442.15	After	Interior Girder 1	217.0321	0.95	1	1	3.40982
EV2_serv	BOBJ1	442.15	After	Interior Girder 2	217.0321	0.95	1	1	3.40982
EV2_serv	BOBJ1	442.15	After	Right Exterior Girder	217.0321	0.95	1	1	4.054796
EV2_serv	BOBJ1	453.6	Before	Left Exterior Girder	228.6	0.95	1	1	5.655496
EV2_serv	BOBJ1	453.6	Before	Interior Girder 1	228.6	0.95	1	1	4.722343
EV2_serv	BOBJ1	453.6	Before	Interior Girder 2	228.6	0.95	1	1	4.722343
EV2_serv	BOBJ1	453.6	Before	Right Exterior Girder	228.6	0.95	1	1	5.655496
EV2_serv	BOBJ1	453.6	After	Left Exterior Girder	228.6	0.95	1	1	5.581277
EV2_serv	BOBJ1	453.6	After	Interior Girder 1	228.6	0.95	1	1	4.730868
EV2_serv	BOBJ1	453.6	After	Interior Girder 2	228.6	0.95	1	1	4.730868
EV2_serv	BOBJ1	453.6	After	Right Exterior Girder	228.6	0.95	1	1	5.581276
EV2_serv	BOBJ1	463.0439	Before	Left Exterior Girder	238.0439	0.95	1	1	7.556101
EV2_serv	BOBJ1	463.0439	Before	Interior Girder 1	238.0439	0.95	1	1	6.183341
EV2_serv	BOBJ1	463.0439	Before	Interior Girder 2	238.0439	0.95	1	1	6.183341
EV2_serv	BOBJ1	463.0439	Before	Right Exterior Girder	238.0439	0.95	1	1	7.556101
EV2_serv	BOBJ1	463.0439	After	Left Exterior Girder	238.0439	0.95	1	1	2.889184
EV2_serv	BOBJ1	463.0439	After	Interior Girder 1	238.0439	0.95	1	1	2.331322
EV2_serv	BOBJ1	463.0439	After	Interior Girder 2	238.0439	0.95	1	1	2.331322
EV2_serv	BOBJ1	463.0439	After	Right Exterior Girder	238.0439	0.95	1	1	2.889184
EV2_serv	BOBJ1	465	Before	Left Exterior Girder	240	0.95	1	1	3.266107
EV2_serv	BOBJ1	465	Before	Interior Girder 1	240	0.95	1	1	2.600159
EV2_serv	BOBJ1	465	Before	Interior Girder 2	240	0.95	1	1	2.600159
EV2_serv	BOBJ1	465	Before	Right Exterior Girder	240	0.95	1	1	3.266107
EV2_serv	BOBJ1	465	After	Left Exterior Girder	240	0.95	1	1	3.26563
EV2_serv	BOBJ1	465	After	Interior Girder 1	240	0.95	1	1	2.600545
EV2_serv	BOBJ1	465	After	Interior Girder 2	240	0.95	1	1	2.600545
EV2_serv	BOBJ1	465	After	Right Exterior Girder	240	0.95	1	1	3.26563
EV2_serv	BOBJ1	476.4	Before	Left Exterior Girder	251.4	0.95	1	1	6.018471
EV2_serv	BOBJ1	476.4	Before	Interior Girder 1	251.4	0.95	1	1	4.681963
EV2_serv	BOBJ1	476.4	Before	Interior Girder 2	251.4	0.95	1	1	4.681964
EV2_serv	BOBJ1	476.4	Before	Right Exterior Girder	251.4	0.95	1	1	6.018471
EV2_serv	BOBJ1	476.4	After	Left Exterior Girder	251.4	0.95	1	1	5.812395
EV2_serv	BOBJ1	476.4	After	Interior Girder 1	251.4	0.95	1	1	4.596313
EV2_serv	BOBJ1	476.4	After	Interior Girder 2	251.4	0.95	1	1	4.596313
EV2_serv	BOBJ1	476.4	After	Right Exterior Girder	251.4	0.95	1	1	5.812395
EV2_serv	BOBJ1	487.85	Before	Left Exterior Girder	262.85	0.95	1	1	7.90598
EV2_serv	BOBJ1	487.85	Before	Interior Girder 1	262.85	0.95	1	1	7.670431
EV2_serv	BOBJ1	487.85	Before	Interior Girder 2	262.85	0.95	1	1	7.670431
EV2_serv	BOBJ1	487.85	Before	Right Exterior Girder	262.85	0.95	1	1	7.90598
EV2_serv	BOBJ1	487.85	After	Left Exterior Girder	262.85	0.95	1	1	7.91736
EV2_serv	BOBJ1	487.85	After	Interior Girder 1	262.85	0.95	1	1	7.655384
EV2_serv	BOBJ1	487.85	After	Interior Girder 2	262.85	0.95	1	1	7.655384
EV2_serv	BOBJ1	487.85	After	Right Exterior Girder	262.85	0.95	1	1	7.91736
EV2_serv	BOBJ1	496.3126	Before	Left Exterior Girder	271.3126	0.95	1	1	5.167131
EV2_serv	BOBJ1	496.3126	Before	Interior Girder 1	271.3126	0.95	1	1	4.967239
EV2_serv	BOBJ1	496.3126	Before	Interior Girder 2	271.3126	0.95	1	1	4.967239
EV2_serv	BOBJ1	496.3126	Before	Right Exterior Girder	271.3126	0.95	1	1	5.167131
EV2_serv	BOBJ1	496.3126	After	Left Exterior Girder	271.3126	0.95	1	1	12.005368
EV2_serv	BOBJ1	496.3126	After	Interior Girder 1	271.3126	0.95	1	1	11.456737
EV2_serv	BOBJ1	496.3126	After	Interior Girder 2	271.3126	0.95	1	1	11.456737
EV2_serv	BOBJ1	496.3126	After	Right Exterior Girder	271.3126	0.95	1	1	12.005368
EV2_serv	BOBJ1	499.3	Before	Left Exterior Girder	274.3	0.95	1	1	10.954183
EV2_serv	BOBJ1	499.3	Before	Interior Girder 1	274.3	0.95	1	1	10.406357
EV2_serv	BOBJ1	499.3	Before	Interior Girder 2	274.3	0.95	1	1	10.406357
EV2_serv	BOBJ1	499.3	Before	Right Exterior Girder	274.3	0.95	1	1	10.954183
EV2_serv	BOBJ1	499.3	After	Left Exterior Girder	274.3	0.95	1	1	10.876401
EV2_serv	BOBJ1	499.3	After	Interior Girder 1	274.3	0.95	1	1	10.345579
EV2_serv	BOBJ1	499.3	After	Interior Girder 2	274.3	0.95	1	1	10.345579
EV2_serv	BOBJ1	499.3	After	Right Exterior Girder	274.3	0.95	1	1	10.876401
EV2_serv	BOBJ1	503.8969	Before	Left Exterior Girder	278.8969	0.95	1	1	9.299803
EV2_serv	BOBJ1	503.8969	Before	Interior Girder 1	278.8969	0.95	1	1	8.751954
EV2_serv	BOBJ1	503.8969	Before	Interior Girder 2	278.8969	0.95	1	1	8.751954
EV2_serv	BOBJ1	503.8969	Before	Right Exterior Girder	278.8969	0.95	1	1	9.299803
EV2_serv	BOBJ1	503.8969	After	Left Exterior Girder	278.8969	0.95	1	1	17.33351
EV2_serv	BOBJ1	503.8969	After	Interior Girder 1	278.8969	0.95	1	1	16.302187
EV2_serv	BOBJ1	503.8969	After	Interior Girder 2	278.8969	0.95	1	1	16.302187
EV2_serv	BOBJ1	503.8969	After	Right Exterior Girder	278.8969	0.95	1	1	17.33351
EV2_serv	BOBJ1	510.7	Before	Left Exterior Girder	285.7	0.95	1	1	14.815401
EV2_serv	BOBJ1	510.7	Before	Interior Girder 1	285.7	0.95	1	1	13.708548

TABLE: Bridge Super Rating AASHTORATE18 26 - SteelINonCompServ-Flx - Main Span Girders									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
EV2_serv	BOBJ1	510.7	Before	Interior Girder 2	285.7	0.95	1	1	13.708548
EV2_serv	BOBJ1	510.7	Before	Right Exterior Girder	285.7	0.95	1	1	14.815401
EV2_serv	BOBJ1	510.7	After	Left Exterior Girder	285.7	0.95	1	1	14.82235
EV2_serv	BOBJ1	510.7	After	Interior Girder 1	285.7	0.95	1	1	13.702861
EV2_serv	BOBJ1	510.7	After	Interior Girder 2	285.7	0.95	1	1	13.702861
EV2_serv	BOBJ1	510.7	After	Right Exterior Girder	285.7	0.95	1	1	14.82235
EV2_serv	BOBJ1	511.4811	Before	Left Exterior Girder	286.4811	0.95	1	1	14.527251
EV2_serv	BOBJ1	511.4811	Before	Interior Girder 1	286.4811	0.95	1	1	13.416953
EV2_serv	BOBJ1	511.4811	Before	Interior Girder 2	286.4811	0.95	1	1	13.416953
EV2_serv	BOBJ1	511.4811	Before	Right Exterior Girder	286.4811	0.95	1	1	14.527251
EV2_serv	BOBJ1	511.4811	After	Left Exterior Girder	286.4811	0.95	1	1	20.97603
EV2_serv	BOBJ1	511.4811	After	Interior Girder 1	286.4811	0.95	1	1	19.534632
EV2_serv	BOBJ1	511.4811	After	Interior Girder 2	286.4811	0.95	1	1	19.534631
EV2_serv	BOBJ1	511.4811	After	Right Exterior Girder	286.4811	0.95	1	1	20.97603
EV2_serv	BOBJ1	522.1	Before	Left Exterior Girder	297.1	0.95	1	1	15.086737
EV2_serv	BOBJ1	522.1	Before	Interior Girder 1	297.1	0.95	1	1	15.277353
EV2_serv	BOBJ1	522.1	Before	Interior Girder 2	297.1	0.95	1	1	15.277353
EV2_serv	BOBJ1	522.1	Before	Right Exterior Girder	297.1	0.95	1	1	15.086737
EV2_serv	BOBJ1	522.1	After	Left Exterior Girder	297.1	0.95	1	1	15.454381
EV2_serv	BOBJ1	522.1	After	Interior Girder 1	297.1	0.95	1	1	15.261195
EV2_serv	BOBJ1	522.1	After	Interior Girder 2	297.1	0.95	1	1	15.261194
EV2_serv	BOBJ1	522.1	After	Right Exterior Girder	297.1	0.95	1	1	15.454381
EV2_serv	BOBJ1	530.4918	Before	Left Exterior Girder	305.4918	0.95	1	1	10.542422
EV2_serv	BOBJ1	530.4918	Before	Interior Girder 1	305.4918	0.95	1	1	10.53967
EV2_serv	BOBJ1	530.4918	Before	Interior Girder 2	305.4918	0.95	1	1	10.539671
EV2_serv	BOBJ1	530.4918	Before	Right Exterior Girder	305.4918	0.95	1	1	10.542422
EV2_serv	BOBJ1	530.4918	After	Left Exterior Girder	305.4918	0.95	1	1	15.490956
EV2_serv	BOBJ1	530.4918	After	Interior Girder 1	305.4918	0.95	1	1	15.48123
EV2_serv	BOBJ1	530.4918	After	Interior Girder 2	305.4918	0.95	1	1	15.481231
EV2_serv	BOBJ1	530.4918	After	Right Exterior Girder	305.4918	0.95	1	1	15.490956
EV2_serv	BOBJ1	533.55	Before	Left Exterior Girder	308.55	0.95	1	1	13.635881
EV2_serv	BOBJ1	533.55	Before	Interior Girder 1	308.55	0.95	1	1	13.541253
EV2_serv	BOBJ1	533.55	Before	Interior Girder 2	308.55	0.95	1	1	13.541254
EV2_serv	BOBJ1	533.55	Before	Right Exterior Girder	308.55	0.95	1	1	13.635881
EV2_serv	BOBJ1	533.55	After	Left Exterior Girder	308.55	0.95	1	1	13.608022
EV2_serv	BOBJ1	533.55	After	Interior Girder 1	308.55	0.95	1	1	13.53482
EV2_serv	BOBJ1	533.55	After	Interior Girder 2	308.55	0.95	1	1	13.534821
EV2_serv	BOBJ1	533.55	After	Right Exterior Girder	308.55	0.95	1	1	13.608022
EV2_serv	BOBJ1	545	Before	Left Exterior Girder	320	0.95	1	1	8.14177
EV2_serv	BOBJ1	545	Before	Interior Girder 1	320	0.95	1	1	7.518883
EV2_serv	BOBJ1	545	Before	Interior Girder 2	320	0.95	1	1	7.518884
EV2_serv	BOBJ1	545	Before	Right Exterior Girder	320	0.95	1	1	8.14177
EV2_serv	BOBJ1	545	After	Left Exterior Girder	0	0.95	1	1	8.545171
EV2_serv	BOBJ1	545	After	Interior Girder 1	0	0.95	1	1	7.745108
EV2_serv	BOBJ1	545	After	Interior Girder 2	0	0.95	1	1	7.745109
EV2_serv	BOBJ1	545	After	Right Exterior Girder	0	0.95	1	1	8.54517
EV2_serv	BOBJ1	556.25	Before	Left Exterior Girder	11.25	0.95	1	1	13.459744
EV2_serv	BOBJ1	556.25	Before	Interior Girder 1	11.25	0.95	1	1	12.721838
EV2_serv	BOBJ1	556.25	Before	Interior Girder 2	11.25	0.95	1	1	12.721838
EV2_serv	BOBJ1	556.25	Before	Right Exterior Girder	11.25	0.95	1	1	13.459743
EV2_serv	BOBJ1	556.25	After	Left Exterior Girder	11.25	0.95	1	1	13.47616
EV2_serv	BOBJ1	556.25	After	Interior Girder 1	11.25	0.95	1	1	12.745834
EV2_serv	BOBJ1	556.25	After	Interior Girder 2	11.25	0.95	1	1	12.745834
EV2_serv	BOBJ1	556.25	After	Right Exterior Girder	11.25	0.95	1	1	13.476159
EV2_serv	BOBJ1	559.4358	Before	Left Exterior Girder	14.4358	0.95	1	1	14.994133
EV2_serv	BOBJ1	559.4358	Before	Interior Girder 1	14.4358	0.95	1	1	14.376917
EV2_serv	BOBJ1	559.4358	Before	Interior Girder 2	14.4358	0.95	1	1	14.376917
EV2_serv	BOBJ1	559.4358	Before	Right Exterior Girder	14.4358	0.95	1	1	14.994133
EV2_serv	BOBJ1	559.4358	After	Left Exterior Girder	14.4358	0.95	1	1	10.143455
EV2_serv	BOBJ1	559.4358	After	Interior Girder 1	14.4358	0.95	1	1	9.719045
EV2_serv	BOBJ1	559.4358	After	Interior Girder 2	14.4358	0.95	1	1	9.719045
EV2_serv	BOBJ1	559.4358	After	Right Exterior Girder	14.4358	0.95	1	1	10.143455
EV2_serv	BOBJ1	567.5	Before	Left Exterior Girder	22.5	0.95	1	1	13.510851
EV2_serv	BOBJ1	567.5	Before	Interior Girder 1	22.5	0.95	1	1	12.447612
EV2_serv	BOBJ1	567.5	Before	Interior Girder 2	22.5	0.95	1	1	12.447612
EV2_serv	BOBJ1	567.5	Before	Right Exterior Girder	22.5	0.95	1	1	13.51085
EV2_serv	BOBJ1	567.5	After	Left Exterior Girder	22.5	0.95	1	1	13.168949
EV2_serv	BOBJ1	567.5	After	Interior Girder 1	22.5	0.95	1	1	12.428836
EV2_serv	BOBJ1	567.5	After	Interior Girder 2	22.5	0.95	1	1	12.428836
EV2_serv	BOBJ1	567.5	After	Right Exterior Girder	22.5	0.95	1	1	13.168949

TABLE: Bridge Super Rating AASHTORATE18 26 - SteelNonCompServ-Flx - Main Span Girders									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
EV2_serv	BOBJ1	570.0586	Before	Left Exterior Girder	25.0586	0.95	1	1	14.321317
EV2_serv	BOBJ1	570.0586	Before	Interior Girder 1	25.0586	0.95	1	1	13.210232
EV2_serv	BOBJ1	570.0586	Before	Interior Girder 2	25.0586	0.95	1	1	13.210232
EV2_serv	BOBJ1	570.0586	Before	Right Exterior Girder	25.0586	0.95	1	1	14.321317
EV2_serv	BOBJ1	570.0586	After	Left Exterior Girder	25.0586	0.95	1	1	8.755797
EV2_serv	BOBJ1	570.0586	After	Interior Girder 1	25.0586	0.95	1	1	8.089939
EV2_serv	BOBJ1	570.0586	After	Interior Girder 2	25.0586	0.95	1	1	8.089939
EV2_serv	BOBJ1	570.0586	After	Right Exterior Girder	25.0586	0.95	1	1	8.755797
EV2_serv	BOBJ1	578.75	Before	Left Exterior Girder	33.75	0.95	1	1	11.299355
EV2_serv	BOBJ1	578.75	Before	Interior Girder 1	33.75	0.95	1	1	10.539068
EV2_serv	BOBJ1	578.75	Before	Interior Girder 2	33.75	0.95	1	1	10.539068
EV2_serv	BOBJ1	578.75	Before	Right Exterior Girder	33.75	0.95	1	1	11.299355
EV2_serv	BOBJ1	578.75	After	Left Exterior Girder	33.75	0.95	1	1	11.275002
EV2_serv	BOBJ1	578.75	After	Interior Girder 1	33.75	0.95	1	1	10.555403
EV2_serv	BOBJ1	578.75	After	Interior Girder 2	33.75	0.95	1	1	10.555403
EV2_serv	BOBJ1	578.75	After	Right Exterior Girder	33.75	0.95	1	1	11.275002
EV2_serv	BOBJ1	586.8142	Before	Left Exterior Girder	41.8142	0.95	1	1	13.582851
EV2_serv	BOBJ1	586.8142	Before	Interior Girder 1	41.8142	0.95	1	1	12.913548
EV2_serv	BOBJ1	586.8142	Before	Interior Girder 2	41.8142	0.95	1	1	12.913548
EV2_serv	BOBJ1	586.8142	Before	Right Exterior Girder	41.8142	0.95	1	1	13.582851
EV2_serv	BOBJ1	586.8142	After	Left Exterior Girder	41.8142	0.95	1	1	6.48967
EV2_serv	BOBJ1	586.8142	After	Interior Girder 1	41.8142	0.95	1	1	6.188622
EV2_serv	BOBJ1	586.8142	After	Interior Girder 2	41.8142	0.95	1	1	6.188622
EV2_serv	BOBJ1	586.8142	After	Right Exterior Girder	41.8142	0.95	1	1	6.48967
EV2_serv	BOBJ1	590	Before	Left Exterior Girder	45	0.95	1	1	7.2962
EV2_serv	BOBJ1	590	Before	Interior Girder 1	45	0.95	1	1	7.005399
EV2_serv	BOBJ1	590	Before	Interior Girder 2	45	0.95	1	1	7.005399
EV2_serv	BOBJ1	590	Before	Right Exterior Girder	45	0.95	1	1	7.2962
EV2_serv	BOBJ1	590	After	Left Exterior Girder	45	0.95	1	1	7.330908
EV2_serv	BOBJ1	590	After	Interior Girder 1	45	0.95	1	1	7.027753
EV2_serv	BOBJ1	590	After	Interior Girder 2	45	0.95	1	1	7.027753
EV2_serv	BOBJ1	590	After	Right Exterior Girder	45	0.95	1	1	7.330908
EV2_serv	BOBJ1	601.25	Before	Left Exterior Girder	56.25	0.95	1	1	10.251194
EV2_serv	BOBJ1	601.25	Before	Interior Girder 1	56.25	0.95	1	1	9.96771
EV2_serv	BOBJ1	601.25	Before	Interior Girder 2	56.25	0.95	1	1	9.96771
EV2_serv	BOBJ1	601.25	Before	Right Exterior Girder	56.25	0.95	1	1	10.251194
EV2_serv	BOBJ1	601.25	After	Left Exterior Girder	56.25	0.95	1	1	10.23742
EV2_serv	BOBJ1	601.25	After	Interior Girder 1	56.25	0.95	1	1	9.979738
EV2_serv	BOBJ1	601.25	After	Interior Girder 2	56.25	0.95	1	1	9.979738
EV2_serv	BOBJ1	601.25	After	Right Exterior Girder	56.25	0.95	1	1	10.23742
EV2_serv	BOBJ1	601.7478	Before	Left Exterior Girder	56.7478	0.95	1	1	10.368691
EV2_serv	BOBJ1	601.7478	Before	Interior Girder 1	56.7478	0.95	1	1	10.115897
EV2_serv	BOBJ1	601.7478	Before	Interior Girder 2	56.7478	0.95	1	1	10.115897
EV2_serv	BOBJ1	601.7478	Before	Right Exterior Girder	56.7478	0.95	1	1	10.36869
EV2_serv	BOBJ1	601.7478	After	Left Exterior Girder	56.7478	0.95	1	1	4.122874
EV2_serv	BOBJ1	601.7478	After	Interior Girder 1	56.7478	0.95	1	1	4.05501
EV2_serv	BOBJ1	601.7478	After	Interior Girder 2	56.7478	0.95	1	1	4.05501
EV2_serv	BOBJ1	601.7478	After	Right Exterior Girder	56.7478	0.95	1	1	4.122874
EV2_serv	BOBJ1	612.5	Before	Left Exterior Girder	67.5	0.95	1	1	6.634217
EV2_serv	BOBJ1	612.5	Before	Interior Girder 1	67.5	0.95	1	1	6.584063
EV2_serv	BOBJ1	612.5	Before	Interior Girder 2	67.5	0.95	1	1	6.584063
EV2_serv	BOBJ1	612.5	Before	Right Exterior Girder	67.5	0.95	1	1	6.634216
EV2_serv	BOBJ1	612.5	After	Left Exterior Girder	67.5	0.95	1	1	6.576534
EV2_serv	BOBJ1	612.5	After	Interior Girder 1	67.5	0.95	1	1	6.549132
EV2_serv	BOBJ1	612.5	After	Interior Girder 2	67.5	0.95	1	1	6.549132
EV2_serv	BOBJ1	612.5	After	Right Exterior Girder	67.5	0.95	1	1	6.576534
EV2_serv	BOBJ1	623.75	Before	Left Exterior Girder	78.75	0.95	1	1	5.957595
EV2_serv	BOBJ1	623.75	Before	Interior Girder 1	78.75	0.95	1	1	4.93459
EV2_serv	BOBJ1	623.75	Before	Interior Girder 2	78.75	0.95	1	1	4.93459
EV2_serv	BOBJ1	623.75	Before	Right Exterior Girder	78.75	0.95	1	1	5.957595
EV2_serv	BOBJ1	623.75	After	Left Exterior Girder	78.75	0.95	1	1	5.962408
EV2_serv	BOBJ1	623.75	After	Interior Girder 1	78.75	0.95	1	1	4.93256
EV2_serv	BOBJ1	623.75	After	Interior Girder 2	78.75	0.95	1	1	4.93256
EV2_serv	BOBJ1	623.75	After	Right Exterior Girder	78.75	0.95	1	1	5.962408
EV2_serv	BOBJ1	635	Before	Left Exterior Girder	90	0.95	1	1	4.166234
EV2_serv	BOBJ1	635	Before	Interior Girder 1	90	0.95	1	1	3.617458
EV2_serv	BOBJ1	635	Before	Interior Girder 2	90	0.95	1	1	3.617458
EV2_serv	BOBJ1	635	Before	Right Exterior Girder	90	0.95	1	1	4.166234
EV2_serv	BOBJ1	635	After	Left Exterior Girder	90	0.95	1	1	4.242754
EV2_serv	BOBJ1	635	After	Interior Girder 1	90	0.95	1	1	3.63965

TABLE: Bridge Super Rating AASHTORATE18 26 - SteelINonCompServ-Flx - Main Span Girders									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
EV2_serv	BOBJ1	635	After	Interior Girder 2	90	0.95	1	1	3.639649
EV2_serv	BOBJ1	635	After	Right Exterior Girder	90	0.95	1	1	4.242754
EV2_serv	BOBJ1	643.5619	Before	Left Exterior Girder	98.5619	0.95	1	1	3.319886
EV2_serv	BOBJ1	643.5619	Before	Interior Girder 1	98.5619	0.95	1	1	2.874441
EV2_serv	BOBJ1	643.5619	Before	Interior Girder 2	98.5619	0.95	1	1	2.874441
EV2_serv	BOBJ1	643.5619	Before	Right Exterior Girder	98.5619	0.95	1	1	3.319886
EV2_serv	BOBJ1	643.5619	After	Left Exterior Girder	98.5619	0.95	1	1	6.283816
EV2_serv	BOBJ1	643.5619	After	Interior Girder 1	98.5619	0.95	1	1	5.432093
EV2_serv	BOBJ1	643.5619	After	Interior Girder 2	98.5619	0.95	1	1	5.432093
EV2_serv	BOBJ1	643.5619	After	Right Exterior Girder	98.5619	0.95	1	1	6.283816
EV2_serv	BOBJ1	646.25	Before	Left Exterior Girder	101.25	0.95	1	1	5.977317
EV2_serv	BOBJ1	646.25	Before	Interior Girder 1	101.25	0.95	1	1	5.189375
EV2_serv	BOBJ1	646.25	Before	Interior Girder 2	101.25	0.95	1	1	5.189375
EV2_serv	BOBJ1	646.25	Before	Right Exterior Girder	101.25	0.95	1	1	5.977317
EV2_serv	BOBJ1	646.25	After	Left Exterior Girder	101.25	0.95	1	1	5.97504
EV2_serv	BOBJ1	646.25	After	Interior Girder 1	101.25	0.95	1	1	5.193193
EV2_serv	BOBJ1	646.25	After	Interior Girder 2	101.25	0.95	1	1	5.193192
EV2_serv	BOBJ1	646.25	After	Right Exterior Girder	101.25	0.95	1	1	5.97504
EV2_serv	BOBJ1	657.5	Before	Left Exterior Girder	112.5	0.95	1	1	4.963642
EV2_serv	BOBJ1	657.5	Before	Interior Girder 1	112.5	0.95	1	1	4.434322
EV2_serv	BOBJ1	657.5	Before	Interior Girder 2	112.5	0.95	1	1	4.434322
EV2_serv	BOBJ1	657.5	Before	Right Exterior Girder	112.5	0.95	1	1	4.963642
EV2_serv	BOBJ1	657.5	After	Left Exterior Girder	112.5	0.95	1	1	4.997167
EV2_serv	BOBJ1	657.5	After	Interior Girder 1	112.5	0.95	1	1	4.444234
EV2_serv	BOBJ1	657.5	After	Interior Girder 2	112.5	0.95	1	1	4.444234
EV2_serv	BOBJ1	657.5	After	Right Exterior Girder	112.5	0.95	1	1	4.997167
EV2_serv	BOBJ1	668.75	Before	Left Exterior Girder	123.75	0.95	1	1	4.406552
EV2_serv	BOBJ1	668.75	Before	Interior Girder 1	123.75	0.95	1	1	3.897791
EV2_serv	BOBJ1	668.75	Before	Interior Girder 2	123.75	0.95	1	1	3.897791
EV2_serv	BOBJ1	668.75	Before	Right Exterior Girder	123.75	0.95	1	1	4.406552
EV2_serv	BOBJ1	668.75	After	Left Exterior Girder	123.75	0.95	1	1	4.413136
EV2_serv	BOBJ1	668.75	After	Interior Girder 1	123.75	0.95	1	1	3.903777
EV2_serv	BOBJ1	668.75	After	Interior Girder 2	123.75	0.95	1	1	3.903777
EV2_serv	BOBJ1	668.75	After	Right Exterior Girder	123.75	0.95	1	1	4.413136
EV2_serv	BOBJ1	680	Before	Left Exterior Girder	135	0.95	1	1	4.048889
EV2_serv	BOBJ1	680	Before	Interior Girder 1	135	0.95	1	1	3.644595
EV2_serv	BOBJ1	680	Before	Interior Girder 2	135	0.95	1	1	3.644595
EV2_serv	BOBJ1	680	Before	Right Exterior Girder	135	0.95	1	1	4.048888
EV2_serv	BOBJ1	680	After	Left Exterior Girder	135	0.95	1	1	4.044095
EV2_serv	BOBJ1	680	After	Interior Girder 1	135	0.95	1	1	3.648325
EV2_serv	BOBJ1	680	After	Interior Girder 2	135	0.95	1	1	3.648326
EV2_serv	BOBJ1	680	After	Right Exterior Girder	135	0.95	1	1	4.044095
EV2_serv	BOBJ1	691.25	Before	Left Exterior Girder	146.25	0.95	1	1	3.962529
EV2_serv	BOBJ1	691.25	Before	Interior Girder 1	146.25	0.95	1	1	3.498693
EV2_serv	BOBJ1	691.25	Before	Interior Girder 2	146.25	0.95	1	1	3.498693
EV2_serv	BOBJ1	691.25	Before	Right Exterior Girder	146.25	0.95	1	1	3.962529
EV2_serv	BOBJ1	691.25	After	Left Exterior Girder	146.25	0.95	1	1	3.966144
EV2_serv	BOBJ1	691.25	After	Interior Girder 1	146.25	0.95	1	1	3.493827
EV2_serv	BOBJ1	691.25	After	Interior Girder 2	146.25	0.95	1	1	3.493828
EV2_serv	BOBJ1	691.25	After	Right Exterior Girder	146.25	0.95	1	1	3.966144
EV2_serv	BOBJ1	702.5	Before	Left Exterior Girder	157.5	0.95	1	1	4.114956
EV2_serv	BOBJ1	702.5	Before	Interior Girder 1	157.5	0.95	1	1	3.615881
EV2_serv	BOBJ1	702.5	Before	Interior Girder 2	157.5	0.95	1	1	3.615881
EV2_serv	BOBJ1	702.5	Before	Right Exterior Girder	157.5	0.95	1	1	4.114956
EV2_serv	BOBJ1	702.5	After	Left Exterior Girder	157.5	0.95	1	1	4.075734
EV2_serv	BOBJ1	702.5	After	Interior Girder 1	157.5	0.95	1	1	3.626503
EV2_serv	BOBJ1	702.5	After	Interior Girder 2	157.5	0.95	1	1	3.626503
EV2_serv	BOBJ1	702.5	After	Right Exterior Girder	157.5	0.95	1	1	4.075733
EV2_serv	BOBJ1	713.75	Before	Left Exterior Girder	168.75	0.95	1	1	4.600327
EV2_serv	BOBJ1	713.75	Before	Interior Girder 1	168.75	0.95	1	1	3.908422
EV2_serv	BOBJ1	713.75	Before	Interior Girder 2	168.75	0.95	1	1	3.908422
EV2_serv	BOBJ1	713.75	Before	Right Exterior Girder	168.75	0.95	1	1	4.600326
EV2_serv	BOBJ1	713.75	After	Left Exterior Girder	168.75	0.95	1	1	4.599589
EV2_serv	BOBJ1	713.75	After	Interior Girder 1	168.75	0.95	1	1	3.906445
EV2_serv	BOBJ1	713.75	After	Interior Girder 2	168.75	0.95	1	1	3.906445
EV2_serv	BOBJ1	713.75	After	Right Exterior Girder	168.75	0.95	1	1	4.599589
EV2_serv	BOBJ1	725	Before	Left Exterior Girder	180	0.95	1	1	5.583414
EV2_serv	BOBJ1	725	Before	Interior Girder 1	180	0.95	1	1	4.601862
EV2_serv	BOBJ1	725	Before	Interior Girder 2	180	0.95	1	1	4.601862
EV2_serv	BOBJ1	725	Before	Right Exterior Girder	180	0.95	1	1	5.583414

TABLE: Bridge Super Rating AASHTORATE18 26 - SteelINonCompServ-Flx - Main Span Girders									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
EV2_serv	BOBJ1	725	After	Left Exterior Girder	180	0.95	1	1	5.520636
EV2_serv	BOBJ1	725	After	Interior Girder 1	180	0.95	1	1	4.638667
EV2_serv	BOBJ1	725	After	Interior Girder 2	180	0.95	1	1	4.638667
EV2_serv	BOBJ1	725	After	Right Exterior Girder	180	0.95	1	1	5.520636
EV2_serv	BOBJ1	731.1726	Before	Left Exterior Girder	186.1726	0.95	1	1	6.44793
EV2_serv	BOBJ1	731.1726	Before	Interior Girder 1	186.1726	0.95	1	1	5.175088
EV2_serv	BOBJ1	731.1726	Before	Interior Girder 2	186.1726	0.95	1	1	5.175088
EV2_serv	BOBJ1	731.1726	Before	Right Exterior Girder	186.1726	0.95	1	1	6.44793
EV2_serv	BOBJ1	731.1726	After	Left Exterior Girder	186.1726	0.95	1	1	2.769907
EV2_serv	BOBJ1	731.1726	After	Interior Girder 1	186.1726	0.95	1	1	2.212268
EV2_serv	BOBJ1	731.1726	After	Interior Girder 2	186.1726	0.95	1	1	2.212268
EV2_serv	BOBJ1	731.1726	After	Right Exterior Girder	186.1726	0.95	1	1	2.769907
EV2_serv	BOBJ1	736.25	Before	Left Exterior Girder	191.25	0.95	1	1	3.410634
EV2_serv	BOBJ1	736.25	Before	Interior Girder 1	191.25	0.95	1	1	2.618847
EV2_serv	BOBJ1	736.25	Before	Interior Girder 2	191.25	0.95	1	1	2.618847
EV2_serv	BOBJ1	736.25	Before	Right Exterior Girder	191.25	0.95	1	1	3.410634
EV2_serv	BOBJ1	736.25	After	Left Exterior Girder	191.25	0.95	1	1	3.401355
EV2_serv	BOBJ1	736.25	After	Interior Girder 1	191.25	0.95	1	1	2.618924
EV2_serv	BOBJ1	736.25	After	Interior Girder 2	191.25	0.95	1	1	2.618924
EV2_serv	BOBJ1	736.25	After	Right Exterior Girder	191.25	0.95	1	1	3.401355
EV2_serv	BOBJ1	747.5	Before	Left Exterior Girder	202.5	0.95	1	1	5.906407
EV2_serv	BOBJ1	747.5	Before	Interior Girder 1	202.5	0.95	1	1	4.240511
EV2_serv	BOBJ1	747.5	Before	Interior Girder 2	202.5	0.95	1	1	4.240511
EV2_serv	BOBJ1	747.5	Before	Right Exterior Girder	202.5	0.95	1	1	5.906406
EV2_serv	BOBJ1	747.5	After	Left Exterior Girder	202.5	0.95	1	1	5.668491
EV2_serv	BOBJ1	747.5	After	Interior Girder 1	202.5	0.95	1	1	4.188574
EV2_serv	BOBJ1	747.5	After	Interior Girder 2	202.5	0.95	1	1	4.188574
EV2_serv	BOBJ1	747.5	After	Right Exterior Girder	202.5	0.95	1	1	5.66849
EV2_serv	BOBJ1	758.75	Before	Left Exterior Girder	213.75	0.95	1	1	13.313323
EV2_serv	BOBJ1	758.75	Before	Interior Girder 1	213.75	0.95	1	1	8.674303
EV2_serv	BOBJ1	758.75	Before	Interior Girder 2	213.75	0.95	1	1	8.674304
EV2_serv	BOBJ1	758.75	Before	Right Exterior Girder	213.75	0.95	1	1	13.31332
EV2_serv	BOBJ1	758.75	After	Left Exterior Girder	213.75	0.95	1	1	13.283056
EV2_serv	BOBJ1	758.75	After	Interior Girder 1	213.75	0.95	1	1	8.573734
EV2_serv	BOBJ1	758.75	After	Interior Girder 2	213.75	0.95	1	1	8.573734
EV2_serv	BOBJ1	758.75	After	Right Exterior Girder	213.75	0.95	1	1	13.283052
EV2_serv	BOBJ1	770	Before	Left Exterior Girder	225	0.95	1	1	280.144948
EV2_serv	BOBJ1	770	Before	Interior Girder 1	225	0.95	1	1	231.298675
EV2_serv	BOBJ1	770	Before	Interior Girder 2	225	0.95	1	1	231.29786
EV2_serv	BOBJ1	770	Before	Right Exterior Girder	225	0.95	1	1	280.146356
EV3_serv	BOBJ1	0	After	Left Exterior Girder	0	0.95	1	1	187.16046
EV3_serv	BOBJ1	0	After	Interior Girder 1	0	0.95	1	1	154.478978
EV3_serv	BOBJ1	0	After	Interior Girder 2	0	0.95	1	1	154.478809
EV3_serv	BOBJ1	0	After	Right Exterior Girder	0	0.95	1	1	187.160454
EV3_serv	BOBJ1	11.25	Before	Left Exterior Girder	11.25	0.95	1	1	8.87146
EV3_serv	BOBJ1	11.25	Before	Interior Girder 1	11.25	0.95	1	1	5.723969
EV3_serv	BOBJ1	11.25	Before	Interior Girder 2	11.25	0.95	1	1	5.723969
EV3_serv	BOBJ1	11.25	Before	Right Exterior Girder	11.25	0.95	1	1	8.871459
EV3_serv	BOBJ1	11.25	After	Left Exterior Girder	11.25	0.95	1	1	8.891815
EV3_serv	BOBJ1	11.25	After	Interior Girder 1	11.25	0.95	1	1	5.790653
EV3_serv	BOBJ1	11.25	After	Interior Girder 2	11.25	0.95	1	1	5.790654
EV3_serv	BOBJ1	11.25	After	Right Exterior Girder	11.25	0.95	1	1	8.891815
EV3_serv	BOBJ1	22.5	Before	Left Exterior Girder	22.5	0.95	1	1	3.786276
EV3_serv	BOBJ1	22.5	Before	Interior Girder 1	22.5	0.95	1	1	2.796697
EV3_serv	BOBJ1	22.5	Before	Interior Girder 2	22.5	0.95	1	1	2.796698
EV3_serv	BOBJ1	22.5	Before	Right Exterior Girder	22.5	0.95	1	1	3.786276
EV3_serv	BOBJ1	22.5	After	Left Exterior Girder	22.5	0.95	1	1	3.945666
EV3_serv	BOBJ1	22.5	After	Interior Girder 1	22.5	0.95	1	1	2.831502
EV3_serv	BOBJ1	22.5	After	Interior Girder 2	22.5	0.95	1	1	2.831502
EV3_serv	BOBJ1	22.5	After	Right Exterior Girder	22.5	0.95	1	1	3.945666
EV3_serv	BOBJ1	33.75	Before	Left Exterior Girder	33.75	0.95	1	1	2.27353
EV3_serv	BOBJ1	33.75	Before	Interior Girder 1	33.75	0.95	1	1	1.749315
EV3_serv	BOBJ1	33.75	Before	Interior Girder 2	33.75	0.95	1	1	1.749315
EV3_serv	BOBJ1	33.75	Before	Right Exterior Girder	33.75	0.95	1	1	2.27353
EV3_serv	BOBJ1	33.75	After	Left Exterior Girder	33.75	0.95	1	1	2.27991
EV3_serv	BOBJ1	33.75	After	Interior Girder 1	33.75	0.95	1	1	1.749449
EV3_serv	BOBJ1	33.75	After	Interior Girder 2	33.75	0.95	1	1	1.749449
EV3_serv	BOBJ1	33.75	After	Right Exterior Girder	33.75	0.95	1	1	2.27991
EV3_serv	BOBJ1	38.8274	Before	Left Exterior Girder	38.8274	0.95	1	1	1.850662
EV3_serv	BOBJ1	38.8274	Before	Interior Girder 1	38.8274	0.95	1	1	1.479703

TABLE: Bridge Super Rating AASHTORATE18 26 - SteelINonCompServ-Flx - Main Span Girders									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
EV3_serv	BOBJ1	38.8274	Before	Interior Girder 2	38.8274	0.95	1	1	1.479703
EV3_serv	BOBJ1	38.8274	Before	Right Exterior Girder	38.8274	0.95	1	1	1.850662
EV3_serv	BOBJ1	38.8274	After	Left Exterior Girder	38.8274	0.95	1	1	4.30945
EV3_serv	BOBJ1	38.8274	After	Interior Girder 1	38.8274	0.95	1	1	3.461933
EV3_serv	BOBJ1	38.8274	After	Interior Girder 2	38.8274	0.95	1	1	3.461933
EV3_serv	BOBJ1	38.8274	After	Right Exterior Girder	38.8274	0.95	1	1	4.30945
EV3_serv	BOBJ1	45	Before	Left Exterior Girder	45	0.95	1	1	3.688471
EV3_serv	BOBJ1	45	Before	Interior Girder 1	45	0.95	1	1	3.097887
EV3_serv	BOBJ1	45	Before	Interior Girder 2	45	0.95	1	1	3.097887
EV3_serv	BOBJ1	45	Before	Right Exterior Girder	45	0.95	1	1	3.688471
EV3_serv	BOBJ1	45	After	Left Exterior Girder	45	0.95	1	1	3.729966
EV3_serv	BOBJ1	45	After	Interior Girder 1	45	0.95	1	1	3.072559
EV3_serv	BOBJ1	45	After	Interior Girder 2	45	0.95	1	1	3.072558
EV3_serv	BOBJ1	45	After	Right Exterior Girder	45	0.95	1	1	3.729966
EV3_serv	BOBJ1	56.25	Before	Left Exterior Girder	56.25	0.95	1	1	3.073672
EV3_serv	BOBJ1	56.25	Before	Interior Girder 1	56.25	0.95	1	1	2.598659
EV3_serv	BOBJ1	56.25	Before	Interior Girder 2	56.25	0.95	1	1	2.598659
EV3_serv	BOBJ1	56.25	Before	Right Exterior Girder	56.25	0.95	1	1	3.073672
EV3_serv	BOBJ1	56.25	After	Left Exterior Girder	56.25	0.95	1	1	3.074147
EV3_serv	BOBJ1	56.25	After	Interior Girder 1	56.25	0.95	1	1	2.596343
EV3_serv	BOBJ1	56.25	After	Interior Girder 2	56.25	0.95	1	1	2.596342
EV3_serv	BOBJ1	56.25	After	Right Exterior Girder	56.25	0.95	1	1	3.074147
EV3_serv	BOBJ1	67.5	Before	Left Exterior Girder	67.5	0.95	1	1	2.716561
EV3_serv	BOBJ1	67.5	Before	Interior Girder 1	67.5	0.95	1	1	2.400456
EV3_serv	BOBJ1	67.5	Before	Interior Girder 2	67.5	0.95	1	1	2.400456
EV3_serv	BOBJ1	67.5	Before	Right Exterior Girder	67.5	0.95	1	1	2.716561
EV3_serv	BOBJ1	67.5	After	Left Exterior Girder	67.5	0.95	1	1	2.739132
EV3_serv	BOBJ1	67.5	After	Interior Girder 1	67.5	0.95	1	1	2.388618
EV3_serv	BOBJ1	67.5	After	Interior Girder 2	67.5	0.95	1	1	2.388617
EV3_serv	BOBJ1	67.5	After	Right Exterior Girder	67.5	0.95	1	1	2.739132
EV3_serv	BOBJ1	78.75	Before	Left Exterior Girder	78.75	0.95	1	1	2.635687
EV3_serv	BOBJ1	78.75	Before	Interior Girder 1	78.75	0.95	1	1	2.303864
EV3_serv	BOBJ1	78.75	Before	Interior Girder 2	78.75	0.95	1	1	2.303864
EV3_serv	BOBJ1	78.75	Before	Right Exterior Girder	78.75	0.95	1	1	2.635687
EV3_serv	BOBJ1	78.75	After	Left Exterior Girder	78.75	0.95	1	1	2.633247
EV3_serv	BOBJ1	78.75	After	Interior Girder 1	78.75	0.95	1	1	2.303921
EV3_serv	BOBJ1	78.75	After	Interior Girder 2	78.75	0.95	1	1	2.303921
EV3_serv	BOBJ1	78.75	After	Right Exterior Girder	78.75	0.95	1	1	2.633248
EV3_serv	BOBJ1	90	Before	Left Exterior Girder	90	0.95	1	1	2.67897
EV3_serv	BOBJ1	90	Before	Interior Girder 1	90	0.95	1	1	2.396689
EV3_serv	BOBJ1	90	Before	Interior Girder 2	90	0.95	1	1	2.396688
EV3_serv	BOBJ1	90	Before	Right Exterior Girder	90	0.95	1	1	2.67897
EV3_serv	BOBJ1	90	After	Left Exterior Girder	90	0.95	1	1	2.679483
EV3_serv	BOBJ1	90	After	Interior Girder 1	90	0.95	1	1	2.390871
EV3_serv	BOBJ1	90	After	Interior Girder 2	90	0.95	1	1	2.390871
EV3_serv	BOBJ1	90	After	Right Exterior Girder	90	0.95	1	1	2.679483
EV3_serv	BOBJ1	101.25	Before	Left Exterior Girder	101.25	0.95	1	1	2.922171
EV3_serv	BOBJ1	101.25	Before	Interior Girder 1	101.25	0.95	1	1	2.564199
EV3_serv	BOBJ1	101.25	Before	Interior Girder 2	101.25	0.95	1	1	2.564199
EV3_serv	BOBJ1	101.25	Before	Right Exterior Girder	101.25	0.95	1	1	2.922171
EV3_serv	BOBJ1	101.25	After	Left Exterior Girder	101.25	0.95	1	1	2.917878
EV3_serv	BOBJ1	101.25	After	Interior Girder 1	101.25	0.95	1	1	2.563858
EV3_serv	BOBJ1	101.25	After	Interior Girder 2	101.25	0.95	1	1	2.563858
EV3_serv	BOBJ1	101.25	After	Right Exterior Girder	101.25	0.95	1	1	2.917878
EV3_serv	BOBJ1	112.5	Before	Left Exterior Girder	112.5	0.95	1	1	3.316019
EV3_serv	BOBJ1	112.5	Before	Interior Girder 1	112.5	0.95	1	1	2.933181
EV3_serv	BOBJ1	112.5	Before	Interior Girder 2	112.5	0.95	1	1	2.933181
EV3_serv	BOBJ1	112.5	Before	Right Exterior Girder	112.5	0.95	1	1	3.316019
EV3_serv	BOBJ1	112.5	After	Left Exterior Girder	112.5	0.95	1	1	3.296792
EV3_serv	BOBJ1	112.5	After	Interior Girder 1	112.5	0.95	1	1	2.932386
EV3_serv	BOBJ1	112.5	After	Interior Girder 2	112.5	0.95	1	1	2.932386
EV3_serv	BOBJ1	112.5	After	Right Exterior Girder	112.5	0.95	1	1	3.296792
EV3_serv	BOBJ1	123.75	Before	Left Exterior Girder	123.75	0.95	1	1	3.975712
EV3_serv	BOBJ1	123.75	Before	Interior Girder 1	123.75	0.95	1	1	3.43871
EV3_serv	BOBJ1	123.75	Before	Interior Girder 2	123.75	0.95	1	1	3.43871
EV3_serv	BOBJ1	123.75	Before	Right Exterior Girder	123.75	0.95	1	1	3.975712
EV3_serv	BOBJ1	123.75	After	Left Exterior Girder	123.75	0.95	1	1	3.978954
EV3_serv	BOBJ1	123.75	After	Interior Girder 1	123.75	0.95	1	1	3.438874
EV3_serv	BOBJ1	123.75	After	Interior Girder 2	123.75	0.95	1	1	3.438874
EV3_serv	BOBJ1	123.75	After	Right Exterior Girder	123.75	0.95	1	1	3.978954

TABLE: Bridge Super Rating AASHTORATE18 26 - SteelINonCompServ-Flx - Main Span Girders									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
EV3_serv	BOBJ1	126.4381	Before	Left Exterior Girder	126.4381	0.95	1	1	4.18061
EV3_serv	BOBJ1	126.4381	Before	Interior Girder 1	126.4381	0.95	1	1	3.597755
EV3_serv	BOBJ1	126.4381	Before	Interior Girder 2	126.4381	0.95	1	1	3.597755
EV3_serv	BOBJ1	126.4381	Before	Right Exterior Girder	126.4381	0.95	1	1	4.180609
EV3_serv	BOBJ1	126.4381	After	Left Exterior Girder	126.4381	0.95	1	1	2.209344
EV3_serv	BOBJ1	126.4381	After	Interior Girder 1	126.4381	0.95	1	1	1.903324
EV3_serv	BOBJ1	126.4381	After	Interior Girder 2	126.4381	0.95	1	1	1.903324
EV3_serv	BOBJ1	126.4381	After	Right Exterior Girder	126.4381	0.95	1	1	2.209344
EV3_serv	BOBJ1	135	Before	Left Exterior Girder	135	0.95	1	1	2.822978
EV3_serv	BOBJ1	135	Before	Interior Girder 1	135	0.95	1	1	2.408807
EV3_serv	BOBJ1	135	Before	Interior Girder 2	135	0.95	1	1	2.408807
EV3_serv	BOBJ1	135	Before	Right Exterior Girder	135	0.95	1	1	2.822978
EV3_serv	BOBJ1	135	After	Left Exterior Girder	135	0.95	1	1	2.776306
EV3_serv	BOBJ1	135	After	Interior Girder 1	135	0.95	1	1	2.398966
EV3_serv	BOBJ1	135	After	Interior Girder 2	135	0.95	1	1	2.398966
EV3_serv	BOBJ1	135	After	Right Exterior Girder	135	0.95	1	1	2.776306
EV3_serv	BOBJ1	146.25	Before	Left Exterior Girder	146.25	0.95	1	1	3.96343
EV3_serv	BOBJ1	146.25	Before	Interior Girder 1	146.25	0.95	1	1	3.258682
EV3_serv	BOBJ1	146.25	Before	Interior Girder 2	146.25	0.95	1	1	3.258682
EV3_serv	BOBJ1	146.25	Before	Right Exterior Girder	146.25	0.95	1	1	3.96343
EV3_serv	BOBJ1	146.25	After	Left Exterior Girder	146.25	0.95	1	1	3.961644
EV3_serv	BOBJ1	146.25	After	Interior Girder 1	146.25	0.95	1	1	3.263141
EV3_serv	BOBJ1	146.25	After	Interior Girder 2	146.25	0.95	1	1	3.263141
EV3_serv	BOBJ1	146.25	After	Right Exterior Girder	146.25	0.95	1	1	3.961644
EV3_serv	BOBJ1	157.5	Before	Left Exterior Girder	157.5	0.95	1	1	4.395594
EV3_serv	BOBJ1	157.5	Before	Interior Girder 1	157.5	0.95	1	1	4.377374
EV3_serv	BOBJ1	157.5	Before	Interior Girder 2	157.5	0.95	1	1	4.377373
EV3_serv	BOBJ1	157.5	Before	Right Exterior Girder	157.5	0.95	1	1	4.395594
EV3_serv	BOBJ1	157.5	After	Left Exterior Girder	157.5	0.95	1	1	4.434134
EV3_serv	BOBJ1	157.5	After	Interior Girder 1	157.5	0.95	1	1	4.400637
EV3_serv	BOBJ1	157.5	After	Interior Girder 2	157.5	0.95	1	1	4.400637
EV3_serv	BOBJ1	157.5	After	Right Exterior Girder	157.5	0.95	1	1	4.434134
EV3_serv	BOBJ1	168.2522	Before	Left Exterior Girder	168.2522	0.95	1	1	2.757976
EV3_serv	BOBJ1	168.2522	Before	Interior Girder 1	168.2522	0.95	1	1	2.707301
EV3_serv	BOBJ1	168.2522	Before	Interior Girder 2	168.2522	0.95	1	1	2.707301
EV3_serv	BOBJ1	168.2522	Before	Right Exterior Girder	168.2522	0.95	1	1	2.757976
EV3_serv	BOBJ1	168.2522	After	Left Exterior Girder	168.2522	0.95	1	1	6.934674
EV3_serv	BOBJ1	168.2522	After	Interior Girder 1	168.2522	0.95	1	1	6.755886
EV3_serv	BOBJ1	168.2522	After	Interior Girder 2	168.2522	0.95	1	1	6.755885
EV3_serv	BOBJ1	168.2522	After	Right Exterior Girder	168.2522	0.95	1	1	6.934675
EV3_serv	BOBJ1	168.75	Before	Left Exterior Girder	168.75	0.95	1	1	6.842509
EV3_serv	BOBJ1	168.75	Before	Interior Girder 1	168.75	0.95	1	1	6.670394
EV3_serv	BOBJ1	168.75	Before	Interior Girder 2	168.75	0.95	1	1	6.670394
EV3_serv	BOBJ1	168.75	Before	Right Exterior Girder	168.75	0.95	1	1	6.842509
EV3_serv	BOBJ1	168.75	After	Left Exterior Girder	168.75	0.95	1	1	6.851702
EV3_serv	BOBJ1	168.75	After	Interior Girder 1	168.75	0.95	1	1	6.662292
EV3_serv	BOBJ1	168.75	After	Interior Girder 2	168.75	0.95	1	1	6.662292
EV3_serv	BOBJ1	168.75	After	Right Exterior Girder	168.75	0.95	1	1	6.851702
EV3_serv	BOBJ1	180	Before	Left Exterior Girder	180	0.95	1	1	4.899699
EV3_serv	BOBJ1	180	Before	Interior Girder 1	180	0.95	1	1	4.697271
EV3_serv	BOBJ1	180	Before	Interior Girder 2	180	0.95	1	1	4.697271
EV3_serv	BOBJ1	180	Before	Right Exterior Girder	180	0.95	1	1	4.899699
EV3_serv	BOBJ1	180	After	Left Exterior Girder	180	0.95	1	1	4.876538
EV3_serv	BOBJ1	180	After	Interior Girder 1	180	0.95	1	1	4.682321
EV3_serv	BOBJ1	180	After	Interior Girder 2	180	0.95	1	1	4.682321
EV3_serv	BOBJ1	180	After	Right Exterior Girder	180	0.95	1	1	4.876538
EV3_serv	BOBJ1	183.1858	Before	Left Exterior Girder	183.1858	0.95	1	1	4.333615
EV3_serv	BOBJ1	183.1858	Before	Interior Girder 1	183.1858	0.95	1	1	4.139993
EV3_serv	BOBJ1	183.1858	Before	Interior Girder 2	183.1858	0.95	1	1	4.139993
EV3_serv	BOBJ1	183.1858	Before	Right Exterior Girder	183.1858	0.95	1	1	4.333615
EV3_serv	BOBJ1	183.1858	After	Left Exterior Girder	183.1858	0.95	1	1	9.072467
EV3_serv	BOBJ1	183.1858	After	Interior Girder 1	183.1858	0.95	1	1	8.636089
EV3_serv	BOBJ1	183.1858	After	Interior Girder 2	183.1858	0.95	1	1	8.636089
EV3_serv	BOBJ1	183.1858	After	Right Exterior Girder	183.1858	0.95	1	1	9.072468
EV3_serv	BOBJ1	191.25	Before	Left Exterior Girder	191.25	0.95	1	1	7.535773
EV3_serv	BOBJ1	191.25	Before	Interior Girder 1	191.25	0.95	1	1	7.05491
EV3_serv	BOBJ1	191.25	Before	Interior Girder 2	191.25	0.95	1	1	7.05491
EV3_serv	BOBJ1	191.25	Before	Right Exterior Girder	191.25	0.95	1	1	7.535773
EV3_serv	BOBJ1	191.25	After	Left Exterior Girder	191.25	0.95	1	1	7.55206
EV3_serv	BOBJ1	191.25	After	Interior Girder 1	191.25	0.95	1	1	7.04404

TABLE: Bridge Super Rating AASHTORATE18 26 - SteelINonCompServ-Flx - Main Span Girders									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
EV3_serv	BOBJ1	191.25	After	Interior Girder 2	191.25	0.95	1	1	7.04404
EV3_serv	BOBJ1	191.25	After	Right Exterior Girder	191.25	0.95	1	1	7.55206
EV3_serv	BOBJ1	199.9414	Before	Left Exterior Girder	199.9414	0.95	1	1	5.846498
EV3_serv	BOBJ1	199.9414	Before	Interior Girder 1	199.9414	0.95	1	1	5.411065
EV3_serv	BOBJ1	199.9414	Before	Interior Girder 2	199.9414	0.95	1	1	5.411066
EV3_serv	BOBJ1	199.9414	Before	Right Exterior Girder	199.9414	0.95	1	1	5.846498
EV3_serv	BOBJ1	199.9414	After	Left Exterior Girder	199.9414	0.95	1	1	9.562957
EV3_serv	BOBJ1	199.9414	After	Interior Girder 1	199.9414	0.95	1	1	8.833847
EV3_serv	BOBJ1	199.9414	After	Interior Girder 2	199.9414	0.95	1	1	8.833848
EV3_serv	BOBJ1	199.9414	After	Right Exterior Girder	199.9414	0.95	1	1	9.562957
EV3_serv	BOBJ1	202.5	Before	Left Exterior Girder	202.5	0.95	1	1	8.802312
EV3_serv	BOBJ1	202.5	Before	Interior Girder 1	202.5	0.95	1	1	8.307656
EV3_serv	BOBJ1	202.5	Before	Interior Girder 2	202.5	0.95	1	1	8.307656
EV3_serv	BOBJ1	202.5	Before	Right Exterior Girder	202.5	0.95	1	1	8.802312
EV3_serv	BOBJ1	202.5	After	Left Exterior Girder	202.5	0.95	1	1	9.031441
EV3_serv	BOBJ1	202.5	After	Interior Girder 1	202.5	0.95	1	1	8.320553
EV3_serv	BOBJ1	202.5	After	Interior Girder 2	202.5	0.95	1	1	8.320554
EV3_serv	BOBJ1	202.5	After	Right Exterior Girder	202.5	0.95	1	1	9.031441
EV3_serv	BOBJ1	210.5642	Before	Left Exterior Girder	210.5642	0.95	1	1	6.77978
EV3_serv	BOBJ1	210.5642	Before	Interior Girder 1	210.5642	0.95	1	1	6.491308
EV3_serv	BOBJ1	210.5642	Before	Interior Girder 2	210.5642	0.95	1	1	6.491309
EV3_serv	BOBJ1	210.5642	Before	Right Exterior Girder	210.5642	0.95	1	1	6.77978
EV3_serv	BOBJ1	210.5642	After	Left Exterior Girder	210.5642	0.95	1	1	10.021933
EV3_serv	BOBJ1	210.5642	After	Interior Girder 1	210.5642	0.95	1	1	9.607394
EV3_serv	BOBJ1	210.5642	After	Interior Girder 2	210.5642	0.95	1	1	9.607394
EV3_serv	BOBJ1	210.5642	After	Right Exterior Girder	210.5642	0.95	1	1	10.021933
EV3_serv	BOBJ1	213.75	Before	Left Exterior Girder	213.75	0.95	1	1	9.007201
EV3_serv	BOBJ1	213.75	Before	Interior Girder 1	213.75	0.95	1	1	8.50801
EV3_serv	BOBJ1	213.75	Before	Interior Girder 2	213.75	0.95	1	1	8.50801
EV3_serv	BOBJ1	213.75	Before	Right Exterior Girder	213.75	0.95	1	1	9.007201
EV3_serv	BOBJ1	213.75	After	Left Exterior Girder	213.75	0.95	1	1	8.996252
EV3_serv	BOBJ1	213.75	After	Interior Girder 1	213.75	0.95	1	1	8.492564
EV3_serv	BOBJ1	213.75	After	Interior Girder 2	213.75	0.95	1	1	8.492563
EV3_serv	BOBJ1	213.75	After	Right Exterior Girder	213.75	0.95	1	1	8.996252
EV3_serv	BOBJ1	225	Before	Left Exterior Girder	225	0.95	1	1	5.713233
EV3_serv	BOBJ1	225	Before	Interior Girder 1	225	0.95	1	1	5.174373
EV3_serv	BOBJ1	225	Before	Interior Girder 2	225	0.95	1	1	5.174372
EV3_serv	BOBJ1	225	Before	Right Exterior Girder	225	0.95	1	1	5.713233
EV3_serv	BOBJ1	225	After	Left Exterior Girder	0	0.95	1	1	5.442689
EV3_serv	BOBJ1	225	After	Interior Girder 1	0	0.95	1	1	5.023766
EV3_serv	BOBJ1	225	After	Interior Girder 2	0	0.95	1	1	5.023766
EV3_serv	BOBJ1	225	After	Right Exterior Girder	0	0.95	1	1	5.442689
EV3_serv	BOBJ1	236.45	Before	Left Exterior Girder	11.45	0.95	1	1	9.092946
EV3_serv	BOBJ1	236.45	Before	Interior Girder 1	11.45	0.95	1	1	9.045653
EV3_serv	BOBJ1	236.45	Before	Interior Girder 2	11.45	0.95	1	1	9.045653
EV3_serv	BOBJ1	236.45	Before	Right Exterior Girder	11.45	0.95	1	1	9.092946
EV3_serv	BOBJ1	236.45	After	Left Exterior Girder	11.45	0.95	1	1	9.111615
EV3_serv	BOBJ1	236.45	After	Interior Girder 1	11.45	0.95	1	1	9.050219
EV3_serv	BOBJ1	236.45	After	Interior Girder 2	11.45	0.95	1	1	9.050219
EV3_serv	BOBJ1	236.45	After	Right Exterior Girder	11.45	0.95	1	1	9.111615
EV3_serv	BOBJ1	239.5082	Before	Left Exterior Girder	14.5082	0.95	1	1	10.352178
EV3_serv	BOBJ1	239.5082	Before	Interior Girder 1	14.5082	0.95	1	1	10.337218
EV3_serv	BOBJ1	239.5082	Before	Interior Girder 2	14.5082	0.95	1	1	10.337218
EV3_serv	BOBJ1	239.5082	Before	Right Exterior Girder	14.5082	0.95	1	1	10.352178
EV3_serv	BOBJ1	239.5082	After	Left Exterior Girder	14.5082	0.95	1	1	7.045262
EV3_serv	BOBJ1	239.5082	After	Interior Girder 1	14.5082	0.95	1	1	7.038617
EV3_serv	BOBJ1	239.5082	After	Interior Girder 2	14.5082	0.95	1	1	7.038617
EV3_serv	BOBJ1	239.5082	After	Right Exterior Girder	14.5082	0.95	1	1	7.045262
EV3_serv	BOBJ1	247.9	Before	Left Exterior Girder	22.9	0.95	1	1	10.326642
EV3_serv	BOBJ1	247.9	Before	Interior Girder 1	22.9	0.95	1	1	10.202474
EV3_serv	BOBJ1	247.9	Before	Interior Girder 2	22.9	0.95	1	1	10.202474
EV3_serv	BOBJ1	247.9	Before	Right Exterior Girder	22.9	0.95	1	1	10.326641
EV3_serv	BOBJ1	247.9	After	Left Exterior Girder	22.9	0.95	1	1	10.082213
EV3_serv	BOBJ1	247.9	After	Interior Girder 1	22.9	0.95	1	1	10.212981
EV3_serv	BOBJ1	247.9	After	Interior Girder 2	22.9	0.95	1	1	10.21298
EV3_serv	BOBJ1	247.9	After	Right Exterior Girder	22.9	0.95	1	1	10.082213
EV3_serv	BOBJ1	258.5189	Before	Left Exterior Girder	33.5189	0.95	1	1	13.97667
EV3_serv	BOBJ1	258.5189	Before	Interior Girder 1	33.5189	0.95	1	1	13.052086
EV3_serv	BOBJ1	258.5189	Before	Interior Girder 2	33.5189	0.95	1	1	13.052086
EV3_serv	BOBJ1	258.5189	Before	Right Exterior Girder	33.5189	0.95	1	1	13.97667

TABLE: Bridge Super Rating AASHTORATE18 26 - SteelNonCompServ-Flx - Main Span Girders									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
EV3_serv	BOBJ1	258.5189	After	Left Exterior Girder	33.5189	0.95	1	1	9.704937
EV3_serv	BOBJ1	258.5189	After	Interior Girder 1	33.5189	0.95	1	1	8.9644
EV3_serv	BOBJ1	258.5189	After	Interior Girder 2	33.5189	0.95	1	1	8.9644
EV3_serv	BOBJ1	258.5189	After	Right Exterior Girder	33.5189	0.95	1	1	9.704937
EV3_serv	BOBJ1	259.3	Before	Left Exterior Girder	34.3	0.95	1	1	9.904123
EV3_serv	BOBJ1	259.3	Before	Interior Girder 1	34.3	0.95	1	1	9.159825
EV3_serv	BOBJ1	259.3	Before	Interior Girder 2	34.3	0.95	1	1	9.159825
EV3_serv	BOBJ1	259.3	Before	Right Exterior Girder	34.3	0.95	1	1	9.904123
EV3_serv	BOBJ1	259.3	After	Left Exterior Girder	34.3	0.95	1	1	9.899486
EV3_serv	BOBJ1	259.3	After	Interior Girder 1	34.3	0.95	1	1	9.16383
EV3_serv	BOBJ1	259.3	After	Interior Girder 2	34.3	0.95	1	1	9.16383
EV3_serv	BOBJ1	259.3	After	Right Exterior Girder	34.3	0.95	1	1	9.899486
EV3_serv	BOBJ1	266.1031	Before	Left Exterior Girder	41.1031	0.95	1	1	11.581868
EV3_serv	BOBJ1	266.1031	Before	Interior Girder 1	41.1031	0.95	1	1	10.895826
EV3_serv	BOBJ1	266.1031	Before	Interior Girder 2	41.1031	0.95	1	1	10.895826
EV3_serv	BOBJ1	266.1031	Before	Right Exterior Girder	41.1031	0.95	1	1	11.581869
EV3_serv	BOBJ1	266.1031	After	Left Exterior Girder	41.1031	0.95	1	1	6.213964
EV3_serv	BOBJ1	266.1031	After	Interior Girder 1	41.1031	0.95	1	1	5.849785
EV3_serv	BOBJ1	266.1031	After	Interior Girder 2	41.1031	0.95	1	1	5.849785
EV3_serv	BOBJ1	266.1031	After	Right Exterior Girder	41.1031	0.95	1	1	6.213964
EV3_serv	BOBJ1	270.7	Before	Left Exterior Girder	45.7	0.95	1	1	7.267341
EV3_serv	BOBJ1	270.7	Before	Interior Girder 1	45.7	0.95	1	1	6.913982
EV3_serv	BOBJ1	270.7	Before	Interior Girder 2	45.7	0.95	1	1	6.913982
EV3_serv	BOBJ1	270.7	Before	Right Exterior Girder	45.7	0.95	1	1	7.267341
EV3_serv	BOBJ1	270.7	After	Left Exterior Girder	45.7	0.95	1	1	7.319303
EV3_serv	BOBJ1	270.7	After	Interior Girder 1	45.7	0.95	1	1	6.954768
EV3_serv	BOBJ1	270.7	After	Interior Girder 2	45.7	0.95	1	1	6.954768
EV3_serv	BOBJ1	270.7	After	Right Exterior Girder	45.7	0.95	1	1	7.319303
EV3_serv	BOBJ1	273.6874	Before	Left Exterior Girder	48.6874	0.95	1	1	8.018736
EV3_serv	BOBJ1	273.6874	Before	Interior Girder 1	48.6874	0.95	1	1	7.649827
EV3_serv	BOBJ1	273.6874	Before	Interior Girder 2	48.6874	0.95	1	1	7.649827
EV3_serv	BOBJ1	273.6874	Before	Right Exterior Girder	48.6874	0.95	1	1	8.018736
EV3_serv	BOBJ1	273.6874	After	Left Exterior Girder	48.6874	0.95	1	1	3.451603
EV3_serv	BOBJ1	273.6874	After	Interior Girder 1	48.6874	0.95	1	1	3.316433
EV3_serv	BOBJ1	273.6874	After	Interior Girder 2	48.6874	0.95	1	1	3.316433
EV3_serv	BOBJ1	273.6874	After	Right Exterior Girder	48.6874	0.95	1	1	3.451603
EV3_serv	BOBJ1	282.15	Before	Left Exterior Girder	57.15	0.95	1	1	5.289745
EV3_serv	BOBJ1	282.15	Before	Interior Girder 1	57.15	0.95	1	1	4.98794
EV3_serv	BOBJ1	282.15	Before	Interior Girder 2	57.15	0.95	1	1	4.98794
EV3_serv	BOBJ1	282.15	Before	Right Exterior Girder	57.15	0.95	1	1	5.289745
EV3_serv	BOBJ1	282.15	After	Left Exterior Girder	57.15	0.95	1	1	5.282233
EV3_serv	BOBJ1	282.15	After	Interior Girder 1	57.15	0.95	1	1	4.999933
EV3_serv	BOBJ1	282.15	After	Interior Girder 2	57.15	0.95	1	1	4.999933
EV3_serv	BOBJ1	282.15	After	Right Exterior Girder	57.15	0.95	1	1	5.282232
EV3_serv	BOBJ1	293.6	Before	Left Exterior Girder	68.6	0.95	1	1	3.872426
EV3_serv	BOBJ1	293.6	Before	Interior Girder 1	68.6	0.95	1	1	3.049334
EV3_serv	BOBJ1	293.6	Before	Interior Girder 2	68.6	0.95	1	1	3.049334
EV3_serv	BOBJ1	293.6	Before	Right Exterior Girder	68.6	0.95	1	1	3.872426
EV3_serv	BOBJ1	293.6	After	Left Exterior Girder	68.6	0.95	1	1	3.995988
EV3_serv	BOBJ1	293.6	After	Interior Girder 1	68.6	0.95	1	1	3.096456
EV3_serv	BOBJ1	293.6	After	Interior Girder 2	68.6	0.95	1	1	3.096456
EV3_serv	BOBJ1	293.6	After	Right Exterior Girder	68.6	0.95	1	1	3.995987
EV3_serv	BOBJ1	305	Before	Left Exterior Girder	80	0.95	1	1	2.180466
EV3_serv	BOBJ1	305	Before	Interior Girder 1	80	0.95	1	1	1.732116
EV3_serv	BOBJ1	305	Before	Interior Girder 2	80	0.95	1	1	1.732116
EV3_serv	BOBJ1	305	Before	Right Exterior Girder	80	0.95	1	1	2.180466
EV3_serv	BOBJ1	305	After	Left Exterior Girder	80	0.95	1	1	2.178868
EV3_serv	BOBJ1	305	After	Interior Girder 1	80	0.95	1	1	1.731503
EV3_serv	BOBJ1	305	After	Interior Girder 2	80	0.95	1	1	1.731503
EV3_serv	BOBJ1	305	After	Right Exterior Girder	80	0.95	1	1	2.178868
EV3_serv	BOBJ1	306.9561	Before	Left Exterior Girder	81.9561	0.95	1	1	1.933537
EV3_serv	BOBJ1	306.9561	Before	Interior Girder 1	81.9561	0.95	1	1	1.552321
EV3_serv	BOBJ1	306.9561	Before	Interior Girder 2	81.9561	0.95	1	1	1.552321
EV3_serv	BOBJ1	306.9561	Before	Right Exterior Girder	81.9561	0.95	1	1	1.933537
EV3_serv	BOBJ1	306.9561	After	Left Exterior Girder	81.9561	0.95	1	1	5.056912
EV3_serv	BOBJ1	306.9561	After	Interior Girder 1	81.9561	0.95	1	1	4.112229
EV3_serv	BOBJ1	306.9561	After	Interior Girder 2	81.9561	0.95	1	1	4.112229
EV3_serv	BOBJ1	306.9561	After	Right Exterior Girder	81.9561	0.95	1	1	5.056912
EV3_serv	BOBJ1	316.4	Before	Left Exterior Girder	91.4	0.95	1	1	3.72596
EV3_serv	BOBJ1	316.4	Before	Interior Girder 1	91.4	0.95	1	1	3.149729

TABLE: Bridge Super Rating AASHTORATE18 26 - SteelINonCompServ-Flx - Main Span Girders									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
EV3_serv	BOBJ1	316.4	Before	Interior Girder 2	91.4	0.95	1	1	3.149729
EV3_serv	BOBJ1	316.4	Before	Right Exterior Girder	91.4	0.95	1	1	3.72596
EV3_serv	BOBJ1	316.4	After	Left Exterior Girder	91.4	0.95	1	1	3.769042
EV3_serv	BOBJ1	316.4	After	Interior Girder 1	91.4	0.95	1	1	3.137144
EV3_serv	BOBJ1	316.4	After	Interior Girder 2	91.4	0.95	1	1	3.137144
EV3_serv	BOBJ1	316.4	After	Right Exterior Girder	91.4	0.95	1	1	3.769042
EV3_serv	BOBJ1	327.85	Before	Left Exterior Girder	102.9679	0.95	1	1	2.709681
EV3_serv	BOBJ1	327.85	Before	Interior Girder 1	102.9679	0.95	1	1	2.268212
EV3_serv	BOBJ1	327.85	Before	Interior Girder 2	102.9679	0.95	1	1	2.268212
EV3_serv	BOBJ1	327.85	Before	Right Exterior Girder	102.9679	0.95	1	1	2.709681
EV3_serv	BOBJ1	327.85	After	Left Exterior Girder	102.9679	0.95	1	1	5.230401
EV3_serv	BOBJ1	327.85	After	Interior Girder 1	102.9679	0.95	1	1	4.456439
EV3_serv	BOBJ1	327.85	After	Interior Girder 2	102.9679	0.95	1	1	4.456439
EV3_serv	BOBJ1	327.85	After	Right Exterior Girder	102.9679	0.95	1	1	5.230401
EV3_serv	BOBJ1	339.3	Before	Left Exterior Girder	114.3	0.95	1	1	4.263976
EV3_serv	BOBJ1	339.3	Before	Interior Girder 1	114.3	0.95	1	1	3.740797
EV3_serv	BOBJ1	339.3	Before	Interior Girder 2	114.3	0.95	1	1	3.740797
EV3_serv	BOBJ1	339.3	Before	Right Exterior Girder	114.3	0.95	1	1	4.263976
EV3_serv	BOBJ1	339.3	After	Left Exterior Girder	114.3	0.95	1	1	4.288334
EV3_serv	BOBJ1	339.3	After	Interior Girder 1	114.3	0.95	1	1	3.733652
EV3_serv	BOBJ1	339.3	After	Interior Girder 2	114.3	0.95	1	1	3.733652
EV3_serv	BOBJ1	339.3	After	Right Exterior Girder	114.3	0.95	1	1	4.288334
EV3_serv	BOBJ1	350.7	Before	Left Exterior Girder	125.7	0.95	1	1	3.683045
EV3_serv	BOBJ1	350.7	Before	Interior Girder 1	125.7	0.95	1	1	3.196817
EV3_serv	BOBJ1	350.7	Before	Interior Girder 2	125.7	0.95	1	1	3.196817
EV3_serv	BOBJ1	350.7	Before	Right Exterior Girder	125.7	0.95	1	1	3.683045
EV3_serv	BOBJ1	350.7	After	Left Exterior Girder	125.7	0.95	1	1	3.679134
EV3_serv	BOBJ1	350.7	After	Interior Girder 1	125.7	0.95	1	1	3.199943
EV3_serv	BOBJ1	350.7	After	Interior Girder 2	125.7	0.95	1	1	3.199943
EV3_serv	BOBJ1	350.7	After	Right Exterior Girder	125.7	0.95	1	1	3.679134
EV3_serv	BOBJ1	362.1	Before	Left Exterior Girder	137.1	0.95	1	1	3.261539
EV3_serv	BOBJ1	362.1	Before	Interior Girder 1	137.1	0.95	1	1	2.8952
EV3_serv	BOBJ1	362.1	Before	Interior Girder 2	137.1	0.95	1	1	2.8952
EV3_serv	BOBJ1	362.1	Before	Right Exterior Girder	137.1	0.95	1	1	3.261539
EV3_serv	BOBJ1	362.1	After	Left Exterior Girder	137.1	0.95	1	1	3.273938
EV3_serv	BOBJ1	362.1	After	Interior Girder 1	137.1	0.95	1	1	2.899027
EV3_serv	BOBJ1	362.1	After	Interior Girder 2	137.1	0.95	1	1	2.899027
EV3_serv	BOBJ1	362.1	After	Right Exterior Girder	137.1	0.95	1	1	3.273938
EV3_serv	BOBJ1	373.55	Before	Left Exterior Girder	148.55	0.95	1	1	3.064457
EV3_serv	BOBJ1	373.55	Before	Interior Girder 1	148.55	0.95	1	1	2.68902
EV3_serv	BOBJ1	373.55	Before	Interior Girder 2	148.55	0.95	1	1	2.68902
EV3_serv	BOBJ1	373.55	Before	Right Exterior Girder	148.55	0.95	1	1	3.064457
EV3_serv	BOBJ1	373.55	After	Left Exterior Girder	148.55	0.95	1	1	3.061728
EV3_serv	BOBJ1	373.55	After	Interior Girder 1	148.55	0.95	1	1	2.691388
EV3_serv	BOBJ1	373.55	After	Interior Girder 2	148.55	0.95	1	1	2.691388
EV3_serv	BOBJ1	373.55	After	Right Exterior Girder	148.55	0.95	1	1	3.061728
EV3_serv	BOBJ1	385	Before	Left Exterior Girder	160	0.95	1	1	2.976594
EV3_serv	BOBJ1	385	Before	Interior Girder 1	160	0.95	1	1	2.650779
EV3_serv	BOBJ1	385	Before	Interior Girder 2	160	0.95	1	1	2.650779
EV3_serv	BOBJ1	385	Before	Right Exterior Girder	160	0.95	1	1	2.976594
EV3_serv	BOBJ1	385	After	Left Exterior Girder	160	0.95	1	1	2.976594
EV3_serv	BOBJ1	385	After	Interior Girder 1	160	0.95	1	1	2.650779
EV3_serv	BOBJ1	385	After	Interior Girder 2	160	0.95	1	1	2.650779
EV3_serv	BOBJ1	385	After	Right Exterior Girder	160	0.95	1	1	2.976594
EV3_serv	BOBJ1	396.45	Before	Left Exterior Girder	171.45	0.95	1	1	3.061728
EV3_serv	BOBJ1	396.45	Before	Interior Girder 1	171.45	0.95	1	1	2.691388
EV3_serv	BOBJ1	396.45	Before	Interior Girder 2	171.45	0.95	1	1	2.691388
EV3_serv	BOBJ1	396.45	Before	Right Exterior Girder	171.45	0.95	1	1	3.061728
EV3_serv	BOBJ1	396.45	After	Left Exterior Girder	171.45	0.95	1	1	3.064457
EV3_serv	BOBJ1	396.45	After	Interior Girder 1	171.45	0.95	1	1	2.68902
EV3_serv	BOBJ1	396.45	After	Interior Girder 2	171.45	0.95	1	1	2.68902
EV3_serv	BOBJ1	396.45	After	Right Exterior Girder	171.45	0.95	1	1	3.064457
EV3_serv	BOBJ1	407.9	Before	Left Exterior Girder	182.9	0.95	1	1	3.273938
EV3_serv	BOBJ1	407.9	Before	Interior Girder 1	182.9	0.95	1	1	2.899027
EV3_serv	BOBJ1	407.9	Before	Interior Girder 2	182.9	0.95	1	1	2.899027
EV3_serv	BOBJ1	407.9	Before	Right Exterior Girder	182.9	0.95	1	1	3.273938
EV3_serv	BOBJ1	407.9	After	Left Exterior Girder	182.9	0.95	1	1	3.261538
EV3_serv	BOBJ1	407.9	After	Interior Girder 1	182.9	0.95	1	1	2.8952
EV3_serv	BOBJ1	407.9	After	Interior Girder 2	182.9	0.95	1	1	2.8952
EV3_serv	BOBJ1	407.9	After	Right Exterior Girder	182.9	0.95	1	1	3.261538

TABLE: Bridge Super Rating AASHTORATE18 26 - SteelNonCompServ-Flx - Main Span Girders									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
EV3_serv	BOBJ1	419.3	Before	Left Exterior Girder	194.3	0.95	1	1	3.679134
EV3_serv	BOBJ1	419.3	Before	Interior Girder 1	194.3	0.95	1	1	3.199943
EV3_serv	BOBJ1	419.3	Before	Interior Girder 2	194.3	0.95	1	1	3.199943
EV3_serv	BOBJ1	419.3	Before	Right Exterior Girder	194.3	0.95	1	1	3.679134
EV3_serv	BOBJ1	419.3	After	Left Exterior Girder	194.3	0.95	1	1	3.683045
EV3_serv	BOBJ1	419.3	After	Interior Girder 1	194.3	0.95	1	1	3.196817
EV3_serv	BOBJ1	419.3	After	Interior Girder 2	194.3	0.95	1	1	3.196817
EV3_serv	BOBJ1	419.3	After	Right Exterior Girder	194.3	0.95	1	1	3.683045
EV3_serv	BOBJ1	430.7	Before	Left Exterior Girder	205.7	0.95	1	1	4.288334
EV3_serv	BOBJ1	430.7	Before	Interior Girder 1	205.7	0.95	1	1	3.733652
EV3_serv	BOBJ1	430.7	Before	Interior Girder 2	205.7	0.95	1	1	3.733652
EV3_serv	BOBJ1	430.7	Before	Right Exterior Girder	205.7	0.95	1	1	4.288334
EV3_serv	BOBJ1	430.7	After	Left Exterior Girder	205.7	0.95	1	1	4.263976
EV3_serv	BOBJ1	430.7	After	Interior Girder 1	205.7	0.95	1	1	3.740797
EV3_serv	BOBJ1	430.7	After	Interior Girder 2	205.7	0.95	1	1	3.740797
EV3_serv	BOBJ1	430.7	After	Right Exterior Girder	205.7	0.95	1	1	4.263977
EV3_serv	BOBJ1	442.15	Before	Left Exterior Girder	217.0321	0.95	1	1	5.221923
EV3_serv	BOBJ1	442.15	Before	Interior Girder 1	217.0321	0.95	1	1	4.456601
EV3_serv	BOBJ1	442.15	Before	Interior Girder 2	217.0321	0.95	1	1	4.456601
EV3_serv	BOBJ1	442.15	Before	Right Exterior Girder	217.0321	0.95	1	1	5.221923
EV3_serv	BOBJ1	442.15	After	Left Exterior Girder	217.0321	0.95	1	1	2.705938
EV3_serv	BOBJ1	442.15	After	Interior Girder 1	217.0321	0.95	1	1	2.267539
EV3_serv	BOBJ1	442.15	After	Interior Girder 2	217.0321	0.95	1	1	2.267539
EV3_serv	BOBJ1	442.15	After	Right Exterior Girder	217.0321	0.95	1	1	2.705938
EV3_serv	BOBJ1	453.6	Before	Left Exterior Girder	228.6	0.95	1	1	3.769042
EV3_serv	BOBJ1	453.6	Before	Interior Girder 1	228.6	0.95	1	1	3.137144
EV3_serv	BOBJ1	453.6	Before	Interior Girder 2	228.6	0.95	1	1	3.137144
EV3_serv	BOBJ1	453.6	Before	Right Exterior Girder	228.6	0.95	1	1	3.769042
EV3_serv	BOBJ1	453.6	After	Left Exterior Girder	228.6	0.95	1	1	3.72596
EV3_serv	BOBJ1	453.6	After	Interior Girder 1	228.6	0.95	1	1	3.149729
EV3_serv	BOBJ1	453.6	After	Interior Girder 2	228.6	0.95	1	1	3.149729
EV3_serv	BOBJ1	453.6	After	Right Exterior Girder	228.6	0.95	1	1	3.72596
EV3_serv	BOBJ1	463.0439	Before	Left Exterior Girder	238.0439	0.95	1	1	5.042269
EV3_serv	BOBJ1	463.0439	Before	Interior Girder 1	238.0439	0.95	1	1	4.112081
EV3_serv	BOBJ1	463.0439	Before	Interior Girder 2	238.0439	0.95	1	1	4.112081
EV3_serv	BOBJ1	463.0439	Before	Right Exterior Girder	238.0439	0.95	1	1	5.042269
EV3_serv	BOBJ1	463.0439	After	Left Exterior Girder	238.0439	0.95	1	1	1.928578
EV3_serv	BOBJ1	463.0439	After	Interior Girder 1	238.0439	0.95	1	1	1.551476
EV3_serv	BOBJ1	463.0439	After	Interior Girder 2	238.0439	0.95	1	1	1.551476
EV3_serv	BOBJ1	463.0439	After	Right Exterior Girder	238.0439	0.95	1	1	1.928578
EV3_serv	BOBJ1	465	Before	Left Exterior Girder	240	0.95	1	1	2.178868
EV3_serv	BOBJ1	465	Before	Interior Girder 1	240	0.95	1	1	1.731503
EV3_serv	BOBJ1	465	Before	Interior Girder 2	240	0.95	1	1	1.731503
EV3_serv	BOBJ1	465	Before	Right Exterior Girder	240	0.95	1	1	2.178868
EV3_serv	BOBJ1	465	After	Left Exterior Girder	240	0.95	1	1	2.180466
EV3_serv	BOBJ1	465	After	Interior Girder 1	240	0.95	1	1	1.732116
EV3_serv	BOBJ1	465	After	Interior Girder 2	240	0.95	1	1	1.732116
EV3_serv	BOBJ1	465	After	Right Exterior Girder	240	0.95	1	1	2.180466
EV3_serv	BOBJ1	476.4	Before	Left Exterior Girder	251.4	0.95	1	1	3.995988
EV3_serv	BOBJ1	476.4	Before	Interior Girder 1	251.4	0.95	1	1	3.096456
EV3_serv	BOBJ1	476.4	Before	Interior Girder 2	251.4	0.95	1	1	3.096456
EV3_serv	BOBJ1	476.4	Before	Right Exterior Girder	251.4	0.95	1	1	3.995987
EV3_serv	BOBJ1	476.4	After	Left Exterior Girder	251.4	0.95	1	1	3.872425
EV3_serv	BOBJ1	476.4	After	Interior Girder 1	251.4	0.95	1	1	3.049334
EV3_serv	BOBJ1	476.4	After	Interior Girder 2	251.4	0.95	1	1	3.049334
EV3_serv	BOBJ1	476.4	After	Right Exterior Girder	251.4	0.95	1	1	3.872425
EV3_serv	BOBJ1	487.85	Before	Left Exterior Girder	262.85	0.95	1	1	5.282232
EV3_serv	BOBJ1	487.85	Before	Interior Girder 1	262.85	0.95	1	1	4.999933
EV3_serv	BOBJ1	487.85	Before	Interior Girder 2	262.85	0.95	1	1	4.999933
EV3_serv	BOBJ1	487.85	Before	Right Exterior Girder	262.85	0.95	1	1	5.282232
EV3_serv	BOBJ1	487.85	After	Left Exterior Girder	262.85	0.95	1	1	5.289745
EV3_serv	BOBJ1	487.85	After	Interior Girder 1	262.85	0.95	1	1	4.98794
EV3_serv	BOBJ1	487.85	After	Interior Girder 2	262.85	0.95	1	1	4.98794
EV3_serv	BOBJ1	487.85	After	Right Exterior Girder	262.85	0.95	1	1	5.289745
EV3_serv	BOBJ1	496.3126	Before	Left Exterior Girder	271.3126	0.95	1	1	3.452543
EV3_serv	BOBJ1	496.3126	Before	Interior Girder 1	271.3126	0.95	1	1	3.319588
EV3_serv	BOBJ1	496.3126	Before	Interior Girder 2	271.3126	0.95	1	1	3.319588
EV3_serv	BOBJ1	496.3126	Before	Right Exterior Girder	271.3126	0.95	1	1	3.452543
EV3_serv	BOBJ1	496.3126	After	Left Exterior Girder	271.3126	0.95	1	1	8.021634
EV3_serv	BOBJ1	496.3126	After	Interior Girder 1	271.3126	0.95	1	1	7.656118

TABLE: Bridge Super Rating AASHTORATE18 26 - SteelINonCompServ-Flx - Main Span Girders									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
EV3_serv	BOBJ1	496.3126	After	Interior Girder 2	271.3126	0.95	1	1	7.656118
EV3_serv	BOBJ1	496.3126	After	Right Exterior Girder	271.3126	0.95	1	1	8.021634
EV3_serv	BOBJ1	499.3	Before	Left Exterior Girder	274.3	0.95	1	1	7.319303
EV3_serv	BOBJ1	499.3	Before	Interior Girder 1	274.3	0.95	1	1	6.954769
EV3_serv	BOBJ1	499.3	Before	Interior Girder 2	274.3	0.95	1	1	6.954768
EV3_serv	BOBJ1	499.3	Before	Right Exterior Girder	274.3	0.95	1	1	7.319303
EV3_serv	BOBJ1	499.3	After	Left Exterior Girder	274.3	0.95	1	1	7.267341
EV3_serv	BOBJ1	499.3	After	Interior Girder 1	274.3	0.95	1	1	6.913982
EV3_serv	BOBJ1	499.3	After	Interior Girder 2	274.3	0.95	1	1	6.913982
EV3_serv	BOBJ1	499.3	After	Right Exterior Girder	274.3	0.95	1	1	7.267341
EV3_serv	BOBJ1	503.8969	Before	Left Exterior Girder	278.8969	0.95	1	1	6.213964
EV3_serv	BOBJ1	503.8969	Before	Interior Girder 1	278.8969	0.95	1	1	5.849785
EV3_serv	BOBJ1	503.8969	Before	Interior Girder 2	278.8969	0.95	1	1	5.849785
EV3_serv	BOBJ1	503.8969	Before	Right Exterior Girder	278.8969	0.95	1	1	6.213964
EV3_serv	BOBJ1	503.8969	After	Left Exterior Girder	278.8969	0.95	1	1	11.581868
EV3_serv	BOBJ1	503.8969	After	Interior Girder 1	278.8969	0.95	1	1	10.895826
EV3_serv	BOBJ1	503.8969	After	Interior Girder 2	278.8969	0.95	1	1	10.895826
EV3_serv	BOBJ1	503.8969	After	Right Exterior Girder	278.8969	0.95	1	1	11.581868
EV3_serv	BOBJ1	510.7	Before	Left Exterior Girder	285.7	0.95	1	1	9.899486
EV3_serv	BOBJ1	510.7	Before	Interior Girder 1	285.7	0.95	1	1	9.16383
EV3_serv	BOBJ1	510.7	Before	Interior Girder 2	285.7	0.95	1	1	9.16383
EV3_serv	BOBJ1	510.7	Before	Right Exterior Girder	285.7	0.95	1	1	9.899486
EV3_serv	BOBJ1	510.7	After	Left Exterior Girder	285.7	0.95	1	1	9.904123
EV3_serv	BOBJ1	510.7	After	Interior Girder 1	285.7	0.95	1	1	9.159825
EV3_serv	BOBJ1	510.7	After	Interior Girder 2	285.7	0.95	1	1	9.159825
EV3_serv	BOBJ1	510.7	After	Right Exterior Girder	285.7	0.95	1	1	9.904123
EV3_serv	BOBJ1	511.4811	Before	Left Exterior Girder	286.4811	0.95	1	1	9.706959
EV3_serv	BOBJ1	511.4811	Before	Interior Girder 1	286.4811	0.95	1	1	8.968904
EV3_serv	BOBJ1	511.4811	Before	Interior Girder 2	286.4811	0.95	1	1	8.968903
EV3_serv	BOBJ1	511.4811	Before	Right Exterior Girder	286.4811	0.95	1	1	9.706959
EV3_serv	BOBJ1	511.4811	After	Left Exterior Girder	286.4811	0.95	1	1	14.01446
EV3_serv	BOBJ1	511.4811	After	Interior Girder 1	286.4811	0.95	1	1	13.057504
EV3_serv	BOBJ1	511.4811	After	Interior Girder 2	286.4811	0.95	1	1	13.057504
EV3_serv	BOBJ1	511.4811	After	Right Exterior Girder	286.4811	0.95	1	1	14.01446
EV3_serv	BOBJ1	522.1	Before	Left Exterior Girder	297.1	0.95	1	1	10.082213
EV3_serv	BOBJ1	522.1	Before	Interior Girder 1	297.1	0.95	1	1	10.21298
EV3_serv	BOBJ1	522.1	Before	Interior Girder 2	297.1	0.95	1	1	10.21298
EV3_serv	BOBJ1	522.1	Before	Right Exterior Girder	297.1	0.95	1	1	10.082213
EV3_serv	BOBJ1	522.1	After	Left Exterior Girder	297.1	0.95	1	1	10.326642
EV3_serv	BOBJ1	522.1	After	Interior Girder 1	297.1	0.95	1	1	10.202474
EV3_serv	BOBJ1	522.1	After	Interior Girder 2	297.1	0.95	1	1	10.202473
EV3_serv	BOBJ1	522.1	After	Right Exterior Girder	297.1	0.95	1	1	10.326642
EV3_serv	BOBJ1	530.4918	Before	Left Exterior Girder	305.4918	0.95	1	1	7.045262
EV3_serv	BOBJ1	530.4918	Before	Interior Girder 1	305.4918	0.95	1	1	7.038617
EV3_serv	BOBJ1	530.4918	Before	Interior Girder 2	305.4918	0.95	1	1	7.038617
EV3_serv	BOBJ1	530.4918	Before	Right Exterior Girder	305.4918	0.95	1	1	7.045262
EV3_serv	BOBJ1	530.4918	After	Left Exterior Girder	305.4918	0.95	1	1	10.352179
EV3_serv	BOBJ1	530.4918	After	Interior Girder 1	305.4918	0.95	1	1	10.337217
EV3_serv	BOBJ1	530.4918	After	Interior Girder 2	305.4918	0.95	1	1	10.337218
EV3_serv	BOBJ1	530.4918	After	Right Exterior Girder	305.4918	0.95	1	1	10.352179
EV3_serv	BOBJ1	533.55	Before	Left Exterior Girder	308.55	0.95	1	1	9.111616
EV3_serv	BOBJ1	533.55	Before	Interior Girder 1	308.55	0.95	1	1	9.050218
EV3_serv	BOBJ1	533.55	Before	Interior Girder 2	308.55	0.95	1	1	9.050219
EV3_serv	BOBJ1	533.55	Before	Right Exterior Girder	308.55	0.95	1	1	9.111616
EV3_serv	BOBJ1	533.55	After	Left Exterior Girder	308.55	0.95	1	1	9.092947
EV3_serv	BOBJ1	533.55	After	Interior Girder 1	308.55	0.95	1	1	9.045652
EV3_serv	BOBJ1	533.55	After	Interior Girder 2	308.55	0.95	1	1	9.045653
EV3_serv	BOBJ1	533.55	After	Right Exterior Girder	308.55	0.95	1	1	9.092946
EV3_serv	BOBJ1	545	Before	Left Exterior Girder	320	0.95	1	1	5.442689
EV3_serv	BOBJ1	545	Before	Interior Girder 1	320	0.95	1	1	5.023766
EV3_serv	BOBJ1	545	Before	Interior Girder 2	320	0.95	1	1	5.023767
EV3_serv	BOBJ1	545	Before	Right Exterior Girder	320	0.95	1	1	5.442689
EV3_serv	BOBJ1	545	After	Left Exterior Girder	0	0.95	1	1	5.713234
EV3_serv	BOBJ1	545	After	Interior Girder 1	0	0.95	1	1	5.176684
EV3_serv	BOBJ1	545	After	Interior Girder 2	0	0.95	1	1	5.176684
EV3_serv	BOBJ1	545	After	Right Exterior Girder	0	0.95	1	1	5.713233
EV3_serv	BOBJ1	556.25	Before	Left Exterior Girder	11.25	0.95	1	1	8.996252
EV3_serv	BOBJ1	556.25	Before	Interior Girder 1	11.25	0.95	1	1	8.492554
EV3_serv	BOBJ1	556.25	Before	Interior Girder 2	11.25	0.95	1	1	8.492554
EV3_serv	BOBJ1	556.25	Before	Right Exterior Girder	11.25	0.95	1	1	8.996252

TABLE: Bridge Super Rating AASHTORATE18 26 - SteelINonCompServ-Flx - Main Span Girders									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
EV3_serv	BOBJ1	556.25	After	Left Exterior Girder	11.25	0.95	1	1	9.007201
EV3_serv	BOBJ1	556.25	After	Interior Girder 1	11.25	0.95	1	1	8.50801
EV3_serv	BOBJ1	556.25	After	Interior Girder 2	11.25	0.95	1	1	8.50801
EV3_serv	BOBJ1	556.25	After	Right Exterior Girder	11.25	0.95	1	1	9.007201
EV3_serv	BOBJ1	559.4358	Before	Left Exterior Girder	14.4358	0.95	1	1	10.021933
EV3_serv	BOBJ1	559.4358	Before	Interior Girder 1	14.4358	0.95	1	1	9.607394
EV3_serv	BOBJ1	559.4358	Before	Interior Girder 2	14.4358	0.95	1	1	9.607394
EV3_serv	BOBJ1	559.4358	Before	Right Exterior Girder	14.4358	0.95	1	1	10.021933
EV3_serv	BOBJ1	559.4358	After	Left Exterior Girder	14.4358	0.95	1	1	6.77978
EV3_serv	BOBJ1	559.4358	After	Interior Girder 1	14.4358	0.95	1	1	6.491309
EV3_serv	BOBJ1	559.4358	After	Interior Girder 2	14.4358	0.95	1	1	6.491309
EV3_serv	BOBJ1	559.4358	After	Right Exterior Girder	14.4358	0.95	1	1	6.77978
EV3_serv	BOBJ1	567.5	Before	Left Exterior Girder	22.5	0.95	1	1	9.031442
EV3_serv	BOBJ1	567.5	Before	Interior Girder 1	22.5	0.95	1	1	8.320554
EV3_serv	BOBJ1	567.5	Before	Interior Girder 2	22.5	0.95	1	1	8.320554
EV3_serv	BOBJ1	567.5	Before	Right Exterior Girder	22.5	0.95	1	1	9.031442
EV3_serv	BOBJ1	567.5	After	Left Exterior Girder	22.5	0.95	1	1	8.802312
EV3_serv	BOBJ1	567.5	After	Interior Girder 1	22.5	0.95	1	1	8.307656
EV3_serv	BOBJ1	567.5	After	Interior Girder 2	22.5	0.95	1	1	8.307656
EV3_serv	BOBJ1	567.5	After	Right Exterior Girder	22.5	0.95	1	1	8.802312
EV3_serv	BOBJ1	570.0586	Before	Left Exterior Girder	25.0586	0.95	1	1	9.569853
EV3_serv	BOBJ1	570.0586	Before	Interior Girder 1	25.0586	0.95	1	1	8.829629
EV3_serv	BOBJ1	570.0586	Before	Interior Girder 2	25.0586	0.95	1	1	8.829629
EV3_serv	BOBJ1	570.0586	Before	Right Exterior Girder	25.0586	0.95	1	1	9.569853
EV3_serv	BOBJ1	570.0586	After	Left Exterior Girder	25.0586	0.95	1	1	5.851167
EV3_serv	BOBJ1	570.0586	After	Interior Girder 1	25.0586	0.95	1	1	5.407445
EV3_serv	BOBJ1	570.0586	After	Interior Girder 2	25.0586	0.95	1	1	5.407445
EV3_serv	BOBJ1	570.0586	After	Right Exterior Girder	25.0586	0.95	1	1	5.851167
EV3_serv	BOBJ1	578.75	Before	Left Exterior Girder	33.75	0.95	1	1	7.55206
EV3_serv	BOBJ1	578.75	Before	Interior Girder 1	33.75	0.95	1	1	7.04404
EV3_serv	BOBJ1	578.75	Before	Interior Girder 2	33.75	0.95	1	1	7.04404
EV3_serv	BOBJ1	578.75	Before	Right Exterior Girder	33.75	0.95	1	1	7.55206
EV3_serv	BOBJ1	578.75	After	Left Exterior Girder	33.75	0.95	1	1	7.535773
EV3_serv	BOBJ1	578.75	After	Interior Girder 1	33.75	0.95	1	1	7.05491
EV3_serv	BOBJ1	578.75	After	Interior Girder 2	33.75	0.95	1	1	7.05491
EV3_serv	BOBJ1	578.75	After	Right Exterior Girder	33.75	0.95	1	1	7.535773
EV3_serv	BOBJ1	586.8142	Before	Left Exterior Girder	41.8142	0.95	1	1	9.078328
EV3_serv	BOBJ1	586.8142	Before	Interior Girder 1	41.8142	0.95	1	1	8.630905
EV3_serv	BOBJ1	586.8142	Before	Interior Girder 2	41.8142	0.95	1	1	8.630905
EV3_serv	BOBJ1	586.8142	Before	Right Exterior Girder	41.8142	0.95	1	1	9.078328
EV3_serv	BOBJ1	586.8142	After	Left Exterior Girder	41.8142	0.95	1	1	4.33745
EV3_serv	BOBJ1	586.8142	After	Interior Girder 1	41.8142	0.95	1	1	4.136244
EV3_serv	BOBJ1	586.8142	After	Interior Girder 2	41.8142	0.95	1	1	4.136243
EV3_serv	BOBJ1	586.8142	After	Right Exterior Girder	41.8142	0.95	1	1	4.33745
EV3_serv	BOBJ1	590	Before	Left Exterior Girder	45	0.95	1	1	4.876539
EV3_serv	BOBJ1	590	Before	Interior Girder 1	45	0.95	1	1	4.682321
EV3_serv	BOBJ1	590	Before	Interior Girder 2	45	0.95	1	1	4.682321
EV3_serv	BOBJ1	590	Before	Right Exterior Girder	45	0.95	1	1	4.876538
EV3_serv	BOBJ1	590	After	Left Exterior Girder	45	0.95	1	1	4.899699
EV3_serv	BOBJ1	590	After	Interior Girder 1	45	0.95	1	1	4.697271
EV3_serv	BOBJ1	590	After	Interior Girder 2	45	0.95	1	1	4.697271
EV3_serv	BOBJ1	590	After	Right Exterior Girder	45	0.95	1	1	4.899699
EV3_serv	BOBJ1	601.25	Before	Left Exterior Girder	56.25	0.95	1	1	6.851702
EV3_serv	BOBJ1	601.25	Before	Interior Girder 1	56.25	0.95	1	1	6.662292
EV3_serv	BOBJ1	601.25	Before	Interior Girder 2	56.25	0.95	1	1	6.662292
EV3_serv	BOBJ1	601.25	Before	Right Exterior Girder	56.25	0.95	1	1	6.851702
EV3_serv	BOBJ1	601.25	After	Left Exterior Girder	56.25	0.95	1	1	6.842509
EV3_serv	BOBJ1	601.25	After	Interior Girder 1	56.25	0.95	1	1	6.670394
EV3_serv	BOBJ1	601.25	After	Interior Girder 2	56.25	0.95	1	1	6.670394
EV3_serv	BOBJ1	601.25	After	Right Exterior Girder	56.25	0.95	1	1	6.842509
EV3_serv	BOBJ1	601.7478	Before	Left Exterior Girder	56.7478	0.95	1	1	6.930247
EV3_serv	BOBJ1	601.7478	Before	Interior Girder 1	56.7478	0.95	1	1	6.761381
EV3_serv	BOBJ1	601.7478	Before	Interior Girder 2	56.7478	0.95	1	1	6.761381
EV3_serv	BOBJ1	601.7478	Before	Right Exterior Girder	56.7478	0.95	1	1	6.930247
EV3_serv	BOBJ1	601.7478	After	Left Exterior Girder	56.7478	0.95	1	1	2.755657
EV3_serv	BOBJ1	601.7478	After	Interior Girder 1	56.7478	0.95	1	1	2.71036
EV3_serv	BOBJ1	601.7478	After	Interior Girder 2	56.7478	0.95	1	1	2.71036
EV3_serv	BOBJ1	601.7478	After	Right Exterior Girder	56.7478	0.95	1	1	2.755657
EV3_serv	BOBJ1	612.5	Before	Left Exterior Girder	67.5	0.95	1	1	4.434134
EV3_serv	BOBJ1	612.5	Before	Interior Girder 1	67.5	0.95	1	1	4.400637

TABLE: Bridge Super Rating AASHTORATE18 26 - SteelINonCompServ-Flx - Main Span Girders									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
EV3_serv	BOBJ1	612.5	Before	Interior Girder 2	67.5	0.95	1	1	4.400637
EV3_serv	BOBJ1	612.5	Before	Right Exterior Girder	67.5	0.95	1	1	4.434134
EV3_serv	BOBJ1	612.5	After	Left Exterior Girder	67.5	0.95	1	1	4.395594
EV3_serv	BOBJ1	612.5	After	Interior Girder 1	67.5	0.95	1	1	4.377373
EV3_serv	BOBJ1	612.5	After	Interior Girder 2	67.5	0.95	1	1	4.377373
EV3_serv	BOBJ1	612.5	After	Right Exterior Girder	67.5	0.95	1	1	4.395594
EV3_serv	BOBJ1	623.75	Before	Left Exterior Girder	78.75	0.95	1	1	3.961644
EV3_serv	BOBJ1	623.75	Before	Interior Girder 1	78.75	0.95	1	1	3.263141
EV3_serv	BOBJ1	623.75	Before	Interior Girder 2	78.75	0.95	1	1	3.263141
EV3_serv	BOBJ1	623.75	Before	Right Exterior Girder	78.75	0.95	1	1	3.961644
EV3_serv	BOBJ1	623.75	After	Left Exterior Girder	78.75	0.95	1	1	3.96343
EV3_serv	BOBJ1	623.75	After	Interior Girder 1	78.75	0.95	1	1	3.258682
EV3_serv	BOBJ1	623.75	After	Interior Girder 2	78.75	0.95	1	1	3.258682
EV3_serv	BOBJ1	623.75	After	Right Exterior Girder	78.75	0.95	1	1	3.96343
EV3_serv	BOBJ1	635	Before	Left Exterior Girder	90	0.95	1	1	2.776306
EV3_serv	BOBJ1	635	Before	Interior Girder 1	90	0.95	1	1	2.398966
EV3_serv	BOBJ1	635	Before	Interior Girder 2	90	0.95	1	1	2.398966
EV3_serv	BOBJ1	635	Before	Right Exterior Girder	90	0.95	1	1	2.776306
EV3_serv	BOBJ1	635	After	Left Exterior Girder	90	0.95	1	1	2.822975
EV3_serv	BOBJ1	635	After	Interior Girder 1	90	0.95	1	1	2.408807
EV3_serv	BOBJ1	635	After	Interior Girder 2	90	0.95	1	1	2.408807
EV3_serv	BOBJ1	635	After	Right Exterior Girder	90	0.95	1	1	2.822975
EV3_serv	BOBJ1	643.5619	Before	Left Exterior Girder	98.5619	0.95	1	1	2.209344
EV3_serv	BOBJ1	643.5619	Before	Interior Girder 1	98.5619	0.95	1	1	1.903324
EV3_serv	BOBJ1	643.5619	Before	Interior Girder 2	98.5619	0.95	1	1	1.903324
EV3_serv	BOBJ1	643.5619	Before	Right Exterior Girder	98.5619	0.95	1	1	2.209344
EV3_serv	BOBJ1	643.5619	After	Left Exterior Girder	98.5619	0.95	1	1	4.180609
EV3_serv	BOBJ1	643.5619	After	Interior Girder 1	98.5619	0.95	1	1	3.597755
EV3_serv	BOBJ1	643.5619	After	Interior Girder 2	98.5619	0.95	1	1	3.597755
EV3_serv	BOBJ1	643.5619	After	Right Exterior Girder	98.5619	0.95	1	1	4.180609
EV3_serv	BOBJ1	646.25	Before	Left Exterior Girder	101.25	0.95	1	1	3.978954
EV3_serv	BOBJ1	646.25	Before	Interior Girder 1	101.25	0.95	1	1	3.438874
EV3_serv	BOBJ1	646.25	Before	Interior Girder 2	101.25	0.95	1	1	3.438874
EV3_serv	BOBJ1	646.25	Before	Right Exterior Girder	101.25	0.95	1	1	3.978954
EV3_serv	BOBJ1	646.25	After	Left Exterior Girder	101.25	0.95	1	1	3.975712
EV3_serv	BOBJ1	646.25	After	Interior Girder 1	101.25	0.95	1	1	3.43871
EV3_serv	BOBJ1	646.25	After	Interior Girder 2	101.25	0.95	1	1	3.43871
EV3_serv	BOBJ1	646.25	After	Right Exterior Girder	101.25	0.95	1	1	3.975712
EV3_serv	BOBJ1	657.5	Before	Left Exterior Girder	112.5	0.95	1	1	3.296792
EV3_serv	BOBJ1	657.5	Before	Interior Girder 1	112.5	0.95	1	1	2.932387
EV3_serv	BOBJ1	657.5	Before	Interior Girder 2	112.5	0.95	1	1	2.932386
EV3_serv	BOBJ1	657.5	Before	Right Exterior Girder	112.5	0.95	1	1	3.296792
EV3_serv	BOBJ1	657.5	After	Left Exterior Girder	112.5	0.95	1	1	3.316019
EV3_serv	BOBJ1	657.5	After	Interior Girder 1	112.5	0.95	1	1	2.933184
EV3_serv	BOBJ1	657.5	After	Interior Girder 2	112.5	0.95	1	1	2.933184
EV3_serv	BOBJ1	657.5	After	Right Exterior Girder	112.5	0.95	1	1	3.316019
EV3_serv	BOBJ1	668.75	Before	Left Exterior Girder	123.75	0.95	1	1	2.917878
EV3_serv	BOBJ1	668.75	Before	Interior Girder 1	123.75	0.95	1	1	2.563858
EV3_serv	BOBJ1	668.75	Before	Interior Girder 2	123.75	0.95	1	1	2.563858
EV3_serv	BOBJ1	668.75	Before	Right Exterior Girder	123.75	0.95	1	1	2.917878
EV3_serv	BOBJ1	668.75	After	Left Exterior Girder	123.75	0.95	1	1	2.922171
EV3_serv	BOBJ1	668.75	After	Interior Girder 1	123.75	0.95	1	1	2.564199
EV3_serv	BOBJ1	668.75	After	Interior Girder 2	123.75	0.95	1	1	2.564199
EV3_serv	BOBJ1	668.75	After	Right Exterior Girder	123.75	0.95	1	1	2.922171
EV3_serv	BOBJ1	680	Before	Left Exterior Girder	135	0.95	1	1	2.679483
EV3_serv	BOBJ1	680	Before	Interior Girder 1	135	0.95	1	1	2.390871
EV3_serv	BOBJ1	680	Before	Interior Girder 2	135	0.95	1	1	2.390872
EV3_serv	BOBJ1	680	Before	Right Exterior Girder	135	0.95	1	1	2.679483
EV3_serv	BOBJ1	680	After	Left Exterior Girder	135	0.95	1	1	2.67897
EV3_serv	BOBJ1	680	After	Interior Girder 1	135	0.95	1	1	2.396689
EV3_serv	BOBJ1	680	After	Interior Girder 2	135	0.95	1	1	2.396689
EV3_serv	BOBJ1	680	After	Right Exterior Girder	135	0.95	1	1	2.67897
EV3_serv	BOBJ1	691.25	Before	Left Exterior Girder	146.25	0.95	1	1	2.633247
EV3_serv	BOBJ1	691.25	Before	Interior Girder 1	146.25	0.95	1	1	2.303921
EV3_serv	BOBJ1	691.25	Before	Interior Girder 2	146.25	0.95	1	1	2.303921
EV3_serv	BOBJ1	691.25	Before	Right Exterior Girder	146.25	0.95	1	1	2.633247
EV3_serv	BOBJ1	691.25	After	Left Exterior Girder	146.25	0.95	1	1	2.635687
EV3_serv	BOBJ1	691.25	After	Interior Girder 1	146.25	0.95	1	1	2.303864
EV3_serv	BOBJ1	691.25	After	Interior Girder 2	146.25	0.95	1	1	2.303864
EV3_serv	BOBJ1	691.25	After	Right Exterior Girder	146.25	0.95	1	1	2.635687

TABLE: Bridge Super Rating AASHTORATE18 26 - SteelINonCompServ-Flx - Main Span Girders									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
EV3_serv	BOBJ1	702.5	Before	Left Exterior Girder	157.5	0.95	1	1	2.739132
EV3_serv	BOBJ1	702.5	Before	Interior Girder 1	157.5	0.95	1	1	2.388618
EV3_serv	BOBJ1	702.5	Before	Interior Girder 2	157.5	0.95	1	1	2.388618
EV3_serv	BOBJ1	702.5	Before	Right Exterior Girder	157.5	0.95	1	1	2.739132
EV3_serv	BOBJ1	702.5	After	Left Exterior Girder	157.5	0.95	1	1	2.716561
EV3_serv	BOBJ1	702.5	After	Interior Girder 1	157.5	0.95	1	1	2.400456
EV3_serv	BOBJ1	702.5	After	Interior Girder 2	157.5	0.95	1	1	2.400456
EV3_serv	BOBJ1	702.5	After	Right Exterior Girder	157.5	0.95	1	1	2.71656
EV3_serv	BOBJ1	713.75	Before	Left Exterior Girder	168.75	0.95	1	1	3.074147
EV3_serv	BOBJ1	713.75	Before	Interior Girder 1	168.75	0.95	1	1	2.596343
EV3_serv	BOBJ1	713.75	Before	Interior Girder 2	168.75	0.95	1	1	2.596343
EV3_serv	BOBJ1	713.75	Before	Right Exterior Girder	168.75	0.95	1	1	3.074147
EV3_serv	BOBJ1	713.75	After	Left Exterior Girder	168.75	0.95	1	1	3.073672
EV3_serv	BOBJ1	713.75	After	Interior Girder 1	168.75	0.95	1	1	2.598659
EV3_serv	BOBJ1	713.75	After	Interior Girder 2	168.75	0.95	1	1	2.598659
EV3_serv	BOBJ1	713.75	After	Right Exterior Girder	168.75	0.95	1	1	3.073672
EV3_serv	BOBJ1	725	Before	Left Exterior Girder	180	0.95	1	1	3.729967
EV3_serv	BOBJ1	725	Before	Interior Girder 1	180	0.95	1	1	3.072559
EV3_serv	BOBJ1	725	Before	Interior Girder 2	180	0.95	1	1	3.072559
EV3_serv	BOBJ1	725	Before	Right Exterior Girder	180	0.95	1	1	3.729966
EV3_serv	BOBJ1	725	After	Left Exterior Girder	180	0.95	1	1	3.688471
EV3_serv	BOBJ1	725	After	Interior Girder 1	180	0.95	1	1	3.097887
EV3_serv	BOBJ1	725	After	Interior Girder 2	180	0.95	1	1	3.097887
EV3_serv	BOBJ1	725	After	Right Exterior Girder	180	0.95	1	1	3.688471
EV3_serv	BOBJ1	731.1726	Before	Left Exterior Girder	186.1726	0.95	1	1	4.30945
EV3_serv	BOBJ1	731.1726	Before	Interior Girder 1	186.1726	0.95	1	1	3.461933
EV3_serv	BOBJ1	731.1726	Before	Interior Girder 2	186.1726	0.95	1	1	3.461933
EV3_serv	BOBJ1	731.1726	Before	Right Exterior Girder	186.1726	0.95	1	1	4.30945
EV3_serv	BOBJ1	731.1726	After	Left Exterior Girder	186.1726	0.95	1	1	1.850662
EV3_serv	BOBJ1	731.1726	After	Interior Girder 1	186.1726	0.95	1	1	1.479703
EV3_serv	BOBJ1	731.1726	After	Interior Girder 2	186.1726	0.95	1	1	1.479703
EV3_serv	BOBJ1	731.1726	After	Right Exterior Girder	186.1726	0.95	1	1	1.850662
EV3_serv	BOBJ1	736.25	Before	Left Exterior Girder	191.25	0.95	1	1	2.27991
EV3_serv	BOBJ1	736.25	Before	Interior Girder 1	191.25	0.95	1	1	1.749449
EV3_serv	BOBJ1	736.25	Before	Interior Girder 2	191.25	0.95	1	1	1.749449
EV3_serv	BOBJ1	736.25	Before	Right Exterior Girder	191.25	0.95	1	1	2.27991
EV3_serv	BOBJ1	736.25	After	Left Exterior Girder	191.25	0.95	1	1	2.27353
EV3_serv	BOBJ1	736.25	After	Interior Girder 1	191.25	0.95	1	1	1.749315
EV3_serv	BOBJ1	736.25	After	Interior Girder 2	191.25	0.95	1	1	1.749315
EV3_serv	BOBJ1	736.25	After	Right Exterior Girder	191.25	0.95	1	1	2.27353
EV3_serv	BOBJ1	747.5	Before	Left Exterior Girder	202.5	0.95	1	1	3.945667
EV3_serv	BOBJ1	747.5	Before	Interior Girder 1	202.5	0.95	1	1	2.831502
EV3_serv	BOBJ1	747.5	Before	Interior Girder 2	202.5	0.95	1	1	2.831502
EV3_serv	BOBJ1	747.5	Before	Right Exterior Girder	202.5	0.95	1	1	3.945667
EV3_serv	BOBJ1	747.5	After	Left Exterior Girder	202.5	0.95	1	1	3.786277
EV3_serv	BOBJ1	747.5	After	Interior Girder 1	202.5	0.95	1	1	2.796697
EV3_serv	BOBJ1	747.5	After	Interior Girder 2	202.5	0.95	1	1	2.796697
EV3_serv	BOBJ1	747.5	After	Right Exterior Girder	202.5	0.95	1	1	3.786276
EV3_serv	BOBJ1	758.75	Before	Left Exterior Girder	213.75	0.95	1	1	8.891817
EV3_serv	BOBJ1	758.75	Before	Interior Girder 1	213.75	0.95	1	1	5.790653
EV3_serv	BOBJ1	758.75	Before	Interior Girder 2	213.75	0.95	1	1	5.790653
EV3_serv	BOBJ1	758.75	Before	Right Exterior Girder	213.75	0.95	1	1	8.891815
EV3_serv	BOBJ1	758.75	After	Left Exterior Girder	213.75	0.95	1	1	8.871462
EV3_serv	BOBJ1	758.75	After	Interior Girder 1	213.75	0.95	1	1	5.723969
EV3_serv	BOBJ1	758.75	After	Interior Girder 2	213.75	0.95	1	1	5.723969
EV3_serv	BOBJ1	758.75	After	Right Exterior Girder	213.75	0.95	1	1	8.871459
EV3_serv	BOBJ1	770	Before	Left Exterior Girder	225	0.95	1	1	187.159491
EV3_serv	BOBJ1	770	Before	Interior Girder 1	225	0.95	1	1	154.478991
EV3_serv	BOBJ1	770	Before	Interior Girder 2	225	0.95	1	1	154.478442
EV3_serv	BOBJ1	770	Before	Right Exterior Girder	225	0.95	1	1	187.160426
EV3-neg_serv	BOBJ1	0	After	Left Exterior Girder	0	0.95	1	1	109.93238
EV3-neg_serv	BOBJ1	0	After	Interior Girder 1	0	0.95	1	1	98.635377
EV3-neg_serv	BOBJ1	0	After	Interior Girder 2	0	0.95	1	1	98.635273
EV3-neg_serv	BOBJ1	0	After	Right Exterior Girder	0	0.95	1	1	109.932375
EV3-neg_serv	BOBJ1	11.25	Before	Left Exterior Girder	11.25	0.95	1	1	53.6947
EV3-neg_serv	BOBJ1	11.25	Before	Interior Girder 1	11.25	0.95	1	1	56.948494
EV3-neg_serv	BOBJ1	11.25	Before	Interior Girder 2	11.25	0.95	1	1	56.9485
EV3-neg_serv	BOBJ1	11.25	Before	Right Exterior Girder	11.25	0.95	1	1	53.694698
EV3-neg_serv	BOBJ1	11.25	After	Left Exterior Girder	11.25	0.95	1	1	54.167388
EV3-neg_serv	BOBJ1	11.25	After	Interior Girder 1	11.25	0.95	1	1	56.450577

TABLE: Bridge Super Rating AASHTORATE18 26 - SteelINonCompServ-Flx - Main Span Girders									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
EV3-neg_serv	BOBJ1	11.25	After	Interior Girder 2	11.25	0.95	1	1	56.450583
EV3-neg_serv	BOBJ1	11.25	After	Right Exterior Girder	11.25	0.95	1	1	54.167386
EV3-neg_serv	BOBJ1	22.5	Before	Left Exterior Girder	22.5	0.95	1	1	29.903178
EV3-neg_serv	BOBJ1	22.5	Before	Interior Girder 1	22.5	0.95	1	1	32.211481
EV3-neg_serv	BOBJ1	22.5	Before	Interior Girder 2	22.5	0.95	1	1	32.211482
EV3-neg_serv	BOBJ1	22.5	Before	Right Exterior Girder	22.5	0.95	1	1	29.903176
EV3-neg_serv	BOBJ1	22.5	After	Left Exterior Girder	22.5	0.95	1	1	31.267835
EV3-neg_serv	BOBJ1	22.5	After	Interior Girder 1	22.5	0.95	1	1	31.833731
EV3-neg_serv	BOBJ1	22.5	After	Interior Girder 2	22.5	0.95	1	1	31.833733
EV3-neg_serv	BOBJ1	22.5	After	Right Exterior Girder	22.5	0.95	1	1	31.267835
EV3-neg_serv	BOBJ1	33.75	Before	Left Exterior Girder	33.75	0.95	1	1	22.387087
EV3-neg_serv	BOBJ1	33.75	Before	Interior Girder 1	33.75	0.95	1	1	23.390566
EV3-neg_serv	BOBJ1	33.75	Before	Interior Girder 2	33.75	0.95	1	1	23.390566
EV3-neg_serv	BOBJ1	33.75	Before	Right Exterior Girder	33.75	0.95	1	1	22.387087
EV3-neg_serv	BOBJ1	33.75	After	Left Exterior Girder	33.75	0.95	1	1	22.443819
EV3-neg_serv	BOBJ1	33.75	After	Interior Girder 1	33.75	0.95	1	1	23.329351
EV3-neg_serv	BOBJ1	33.75	After	Interior Girder 2	33.75	0.95	1	1	23.329351
EV3-neg_serv	BOBJ1	33.75	After	Right Exterior Girder	33.75	0.95	1	1	22.443819
EV3-neg_serv	BOBJ1	38.8274	Before	Left Exterior Girder	38.8274	0.95	1	1	20.027238
EV3-neg_serv	BOBJ1	38.8274	Before	Interior Girder 1	38.8274	0.95	1	1	21.005333
EV3-neg_serv	BOBJ1	38.8274	Before	Interior Girder 2	38.8274	0.95	1	1	21.005333
EV3-neg_serv	BOBJ1	38.8274	Before	Right Exterior Girder	38.8274	0.95	1	1	20.027238
EV3-neg_serv	BOBJ1	38.8274	After	Left Exterior Girder	38.8274	0.95	1	1	28.519217
EV3-neg_serv	BOBJ1	38.8274	After	Interior Girder 1	38.8274	0.95	1	1	29.662405
EV3-neg_serv	BOBJ1	38.8274	After	Interior Girder 2	38.8274	0.95	1	1	29.662405
EV3-neg_serv	BOBJ1	38.8274	After	Right Exterior Girder	38.8274	0.95	1	1	28.519217
EV3-neg_serv	BOBJ1	45	Before	Left Exterior Girder	45	0.95	1	1	25.044679
EV3-neg_serv	BOBJ1	45	Before	Interior Girder 1	45	0.95	1	1	26.256776
EV3-neg_serv	BOBJ1	45	Before	Interior Girder 2	45	0.95	1	1	26.256776
EV3-neg_serv	BOBJ1	45	Before	Right Exterior Girder	45	0.95	1	1	25.044679
EV3-neg_serv	BOBJ1	45	After	Left Exterior Girder	45	0.95	1	1	25.504489
EV3-neg_serv	BOBJ1	45	After	Interior Girder 1	45	0.95	1	1	25.9964
EV3-neg_serv	BOBJ1	45	After	Interior Girder 2	45	0.95	1	1	25.9964
EV3-neg_serv	BOBJ1	45	After	Right Exterior Girder	45	0.95	1	1	25.50449
EV3-neg_serv	BOBJ1	56.25	Before	Left Exterior Girder	56.25	0.95	1	1	20.822549
EV3-neg_serv	BOBJ1	56.25	Before	Interior Girder 1	56.25	0.95	1	1	21.503338
EV3-neg_serv	BOBJ1	56.25	Before	Interior Girder 2	56.25	0.95	1	1	21.503338
EV3-neg_serv	BOBJ1	56.25	Before	Right Exterior Girder	56.25	0.95	1	1	20.822549
EV3-neg_serv	BOBJ1	56.25	After	Left Exterior Girder	56.25	0.95	1	1	20.875477
EV3-neg_serv	BOBJ1	56.25	After	Interior Girder 1	56.25	0.95	1	1	21.450707
EV3-neg_serv	BOBJ1	56.25	After	Interior Girder 2	56.25	0.95	1	1	21.450707
EV3-neg_serv	BOBJ1	56.25	After	Right Exterior Girder	56.25	0.95	1	1	20.875477
EV3-neg_serv	BOBJ1	67.5	Before	Left Exterior Girder	67.5	0.95	1	1	17.542365
EV3-neg_serv	BOBJ1	67.5	Before	Interior Girder 1	67.5	0.95	1	1	18.18675
EV3-neg_serv	BOBJ1	67.5	Before	Interior Girder 2	67.5	0.95	1	1	18.18675
EV3-neg_serv	BOBJ1	67.5	Before	Right Exterior Girder	67.5	0.95	1	1	17.542365
EV3-neg_serv	BOBJ1	67.5	After	Left Exterior Girder	67.5	0.95	1	1	17.750859
EV3-neg_serv	BOBJ1	67.5	After	Interior Girder 1	67.5	0.95	1	1	18.115119
EV3-neg_serv	BOBJ1	67.5	After	Interior Girder 2	67.5	0.95	1	1	18.115118
EV3-neg_serv	BOBJ1	67.5	After	Right Exterior Girder	67.5	0.95	1	1	17.750859
EV3-neg_serv	BOBJ1	78.75	Before	Left Exterior Girder	78.75	0.95	1	1	15.124932
EV3-neg_serv	BOBJ1	78.75	Before	Interior Girder 1	78.75	0.95	1	1	15.536531
EV3-neg_serv	BOBJ1	78.75	Before	Interior Girder 2	78.75	0.95	1	1	15.536531
EV3-neg_serv	BOBJ1	78.75	Before	Right Exterior Girder	78.75	0.95	1	1	15.124932
EV3-neg_serv	BOBJ1	78.75	After	Left Exterior Girder	78.75	0.95	1	1	15.154262
EV3-neg_serv	BOBJ1	78.75	After	Interior Girder 1	78.75	0.95	1	1	15.50957
EV3-neg_serv	BOBJ1	78.75	After	Interior Girder 2	78.75	0.95	1	1	15.50957
EV3-neg_serv	BOBJ1	78.75	After	Right Exterior Girder	78.75	0.95	1	1	15.154261
EV3-neg_serv	BOBJ1	90	Before	Left Exterior Girder	90	0.95	1	1	13.01225
EV3-neg_serv	BOBJ1	90	Before	Interior Girder 1	90	0.95	1	1	13.378818
EV3-neg_serv	BOBJ1	90	Before	Interior Girder 2	90	0.95	1	1	13.378819
EV3-neg_serv	BOBJ1	90	Before	Right Exterior Girder	90	0.95	1	1	13.01225
EV3-neg_serv	BOBJ1	90	After	Left Exterior Girder	90	0.95	1	1	13.102739
EV3-neg_serv	BOBJ1	90	After	Interior Girder 1	90	0.95	1	1	13.356478
EV3-neg_serv	BOBJ1	90	After	Interior Girder 2	90	0.95	1	1	13.356478
EV3-neg_serv	BOBJ1	90	After	Right Exterior Girder	90	0.95	1	1	13.102738
EV3-neg_serv	BOBJ1	101.25	Before	Left Exterior Girder	101.25	0.95	1	1	11.251779
EV3-neg_serv	BOBJ1	101.25	Before	Interior Girder 1	101.25	0.95	1	1	11.49968
EV3-neg_serv	BOBJ1	101.25	Before	Interior Girder 2	101.25	0.95	1	1	11.49968
EV3-neg_serv	BOBJ1	101.25	Before	Right Exterior Girder	101.25	0.95	1	1	11.251779

TABLE: Bridge Super Rating AASHTORATE18 26 - SteelINonCompServ-Flx - Main Span Girders									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
EV3-neg_serv	BOBJ1	101.25	After	Left Exterior Girder	101.25	0.95	1	1	11.266753
EV3-neg_serv	BOBJ1	101.25	After	Interior Girder 1	101.25	0.95	1	1	11.485124
EV3-neg_serv	BOBJ1	101.25	After	Interior Girder 2	101.25	0.95	1	1	11.485124
EV3-neg_serv	BOBJ1	101.25	After	Right Exterior Girder	101.25	0.95	1	1	11.266753
EV3-neg_serv	BOBJ1	112.5	Before	Left Exterior Girder	112.5	0.95	1	1	9.641135
EV3-neg_serv	BOBJ1	112.5	Before	Interior Girder 1	112.5	0.95	1	1	9.845644
EV3-neg_serv	BOBJ1	112.5	Before	Interior Girder 2	112.5	0.95	1	1	9.845645
EV3-neg_serv	BOBJ1	112.5	Before	Right Exterior Girder	112.5	0.95	1	1	9.641135
EV3-neg_serv	BOBJ1	112.5	After	Left Exterior Girder	112.5	0.95	1	1	9.71479
EV3-neg_serv	BOBJ1	112.5	After	Interior Girder 1	112.5	0.95	1	1	9.866617
EV3-neg_serv	BOBJ1	112.5	After	Interior Girder 2	112.5	0.95	1	1	9.866617
EV3-neg_serv	BOBJ1	112.5	After	Right Exterior Girder	112.5	0.95	1	1	9.714789
EV3-neg_serv	BOBJ1	123.75	Before	Left Exterior Girder	123.75	0.95	1	1	8.235728
EV3-neg_serv	BOBJ1	123.75	Before	Interior Girder 1	123.75	0.95	1	1	8.354408
EV3-neg_serv	BOBJ1	123.75	Before	Interior Girder 2	123.75	0.95	1	1	8.354408
EV3-neg_serv	BOBJ1	123.75	Before	Right Exterior Girder	123.75	0.95	1	1	8.235728
EV3-neg_serv	BOBJ1	123.75	After	Left Exterior Girder	123.75	0.95	1	1	8.242595
EV3-neg_serv	BOBJ1	123.75	After	Interior Girder 1	123.75	0.95	1	1	8.347777
EV3-neg_serv	BOBJ1	123.75	After	Interior Girder 2	123.75	0.95	1	1	8.347777
EV3-neg_serv	BOBJ1	123.75	After	Right Exterior Girder	123.75	0.95	1	1	8.242595
EV3-neg_serv	BOBJ1	126.4381	Before	Left Exterior Girder	126.4381	0.95	1	1	7.904859
EV3-neg_serv	BOBJ1	126.4381	Before	Interior Girder 1	126.4381	0.95	1	1	8.011051
EV3-neg_serv	BOBJ1	126.4381	Before	Interior Girder 2	126.4381	0.95	1	1	8.011051
EV3-neg_serv	BOBJ1	126.4381	Before	Right Exterior Girder	126.4381	0.95	1	1	7.904859
EV3-neg_serv	BOBJ1	126.4381	After	Left Exterior Girder	126.4381	0.95	1	1	5.281475
EV3-neg_serv	BOBJ1	126.4381	After	Interior Girder 1	126.4381	0.95	1	1	5.365383
EV3-neg_serv	BOBJ1	126.4381	After	Interior Girder 2	126.4381	0.95	1	1	5.365383
EV3-neg_serv	BOBJ1	126.4381	After	Right Exterior Girder	126.4381	0.95	1	1	5.281474
EV3-neg_serv	BOBJ1	135	Before	Left Exterior Girder	135	0.95	1	1	4.432397
EV3-neg_serv	BOBJ1	135	Before	Interior Girder 1	135	0.95	1	1	4.504235
EV3-neg_serv	BOBJ1	135	Before	Interior Girder 2	135	0.95	1	1	4.504235
EV3-neg_serv	BOBJ1	135	Before	Right Exterior Girder	135	0.95	1	1	4.432397
EV3-neg_serv	BOBJ1	135	After	Left Exterior Girder	135	0.95	1	1	4.484147
EV3-neg_serv	BOBJ1	135	After	Interior Girder 1	135	0.95	1	1	4.539818
EV3-neg_serv	BOBJ1	135	After	Interior Girder 2	135	0.95	1	1	4.539818
EV3-neg_serv	BOBJ1	135	After	Right Exterior Girder	135	0.95	1	1	4.484147
EV3-neg_serv	BOBJ1	146.25	Before	Left Exterior Girder	146.25	0.95	1	1	3.419424
EV3-neg_serv	BOBJ1	146.25	Before	Interior Girder 1	146.25	0.95	1	1	3.446879
EV3-neg_serv	BOBJ1	146.25	Before	Interior Girder 2	146.25	0.95	1	1	3.446879
EV3-neg_serv	BOBJ1	146.25	Before	Right Exterior Girder	146.25	0.95	1	1	3.419424
EV3-neg_serv	BOBJ1	146.25	After	Left Exterior Girder	146.25	0.95	1	1	3.426007
EV3-neg_serv	BOBJ1	146.25	After	Interior Girder 1	146.25	0.95	1	1	3.440582
EV3-neg_serv	BOBJ1	146.25	After	Interior Girder 2	146.25	0.95	1	1	3.440582
EV3-neg_serv	BOBJ1	146.25	After	Right Exterior Girder	146.25	0.95	1	1	3.426007
EV3-neg_serv	BOBJ1	157.5	Before	Left Exterior Girder	157.5	0.95	1	1	2.418669
EV3-neg_serv	BOBJ1	157.5	Before	Interior Girder 1	157.5	0.95	1	1	2.420103
EV3-neg_serv	BOBJ1	157.5	Before	Interior Girder 2	157.5	0.95	1	1	2.420103
EV3-neg_serv	BOBJ1	157.5	Before	Right Exterior Girder	157.5	0.95	1	1	2.41867
EV3-neg_serv	BOBJ1	157.5	After	Left Exterior Girder	157.5	0.95	1	1	2.440017
EV3-neg_serv	BOBJ1	157.5	After	Interior Girder 1	157.5	0.95	1	1	2.433206
EV3-neg_serv	BOBJ1	157.5	After	Interior Girder 2	157.5	0.95	1	1	2.433206
EV3-neg_serv	BOBJ1	157.5	After	Right Exterior Girder	157.5	0.95	1	1	2.440017
EV3-neg_serv	BOBJ1	168.2522	Before	Left Exterior Girder	168.2522	0.95	1	1	1.511994
EV3-neg_serv	BOBJ1	168.2522	Before	Interior Girder 1	168.2522	0.95	1	1	1.492893
EV3-neg_serv	BOBJ1	168.2522	Before	Interior Girder 2	168.2522	0.95	1	1	1.492893
EV3-neg_serv	BOBJ1	168.2522	Before	Right Exterior Girder	168.2522	0.95	1	1	1.511994
EV3-neg_serv	BOBJ1	168.2522	After	Left Exterior Girder	168.2522	0.95	1	1	3.802348
EV3-neg_serv	BOBJ1	168.2522	After	Interior Girder 1	168.2522	0.95	1	1	3.726391
EV3-neg_serv	BOBJ1	168.2522	After	Interior Girder 2	168.2522	0.95	1	1	3.72639
EV3-neg_serv	BOBJ1	168.2522	After	Right Exterior Girder	168.2522	0.95	1	1	3.802348
EV3-neg_serv	BOBJ1	168.75	Before	Left Exterior Girder	168.75	0.95	1	1	3.75015
EV3-neg_serv	BOBJ1	168.75	Before	Interior Girder 1	168.75	0.95	1	1	3.678176
EV3-neg_serv	BOBJ1	168.75	Before	Interior Girder 2	168.75	0.95	1	1	3.678176
EV3-neg_serv	BOBJ1	168.75	Before	Right Exterior Girder	168.75	0.95	1	1	3.75015
EV3-neg_serv	BOBJ1	168.75	After	Left Exterior Girder	168.75	0.95	1	1	3.755766
EV3-neg_serv	BOBJ1	168.75	After	Interior Girder 1	168.75	0.95	1	1	3.673601
EV3-neg_serv	BOBJ1	168.75	After	Interior Girder 2	168.75	0.95	1	1	3.673601
EV3-neg_serv	BOBJ1	168.75	After	Right Exterior Girder	168.75	0.95	1	1	3.755766
EV3-neg_serv	BOBJ1	180	Before	Left Exterior Girder	180	0.95	1	1	2.642364
EV3-neg_serv	BOBJ1	180	Before	Interior Girder 1	180	0.95	1	1	2.554247

TABLE: Bridge Super Rating AASHTORATE18 26 - SteelINonCompServ-Flx - Main Span Girders									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
EV3-neg_serv	BOBJ1	180	Before	Interior Girder 2	180	0.95	1	1	2.554247
EV3-neg_serv	BOBJ1	180	Before	Right Exterior Girder	180	0.95	1	1	2.642365
EV3-neg_serv	BOBJ1	180	After	Left Exterior Girder	180	0.95	1	1	2.640007
EV3-neg_serv	BOBJ1	180	After	Interior Girder 1	180	0.95	1	1	2.545642
EV3-neg_serv	BOBJ1	180	After	Interior Girder 2	180	0.95	1	1	2.545642
EV3-neg_serv	BOBJ1	180	After	Right Exterior Girder	180	0.95	1	1	2.640007
EV3-neg_serv	BOBJ1	183.1858	Before	Left Exterior Girder	183.1858	0.95	1	1	2.330586
EV3-neg_serv	BOBJ1	183.1858	Before	Interior Girder 1	183.1858	0.95	1	1	2.238203
EV3-neg_serv	BOBJ1	183.1858	Before	Interior Girder 2	183.1858	0.95	1	1	2.238203
EV3-neg_serv	BOBJ1	183.1858	Before	Right Exterior Girder	183.1858	0.95	1	1	2.330586
EV3-neg_serv	BOBJ1	183.1858	After	Left Exterior Girder	183.1858	0.95	1	1	4.880583
EV3-neg_serv	BOBJ1	183.1858	After	Interior Girder 1	183.1858	0.95	1	1	4.67122
EV3-neg_serv	BOBJ1	183.1858	After	Interior Girder 2	183.1858	0.95	1	1	4.67122
EV3-neg_serv	BOBJ1	183.1858	After	Right Exterior Girder	183.1858	0.95	1	1	4.880584
EV3-neg_serv	BOBJ1	191.25	Before	Left Exterior Girder	191.25	0.95	1	1	3.972706
EV3-neg_serv	BOBJ1	191.25	Before	Interior Girder 1	191.25	0.95	1	1	3.747945
EV3-neg_serv	BOBJ1	191.25	Before	Interior Girder 2	191.25	0.95	1	1	3.747945
EV3-neg_serv	BOBJ1	191.25	Before	Right Exterior Girder	191.25	0.95	1	1	3.972706
EV3-neg_serv	BOBJ1	191.25	After	Left Exterior Girder	191.25	0.95	1	1	3.983981
EV3-neg_serv	BOBJ1	191.25	After	Interior Girder 1	191.25	0.95	1	1	3.743034
EV3-neg_serv	BOBJ1	191.25	After	Interior Girder 2	191.25	0.95	1	1	3.743034
EV3-neg_serv	BOBJ1	191.25	After	Right Exterior Girder	191.25	0.95	1	1	3.983981
EV3-neg_serv	BOBJ1	199.9414	Before	Left Exterior Girder	199.9414	0.95	1	1	3.040725
EV3-neg_serv	BOBJ1	199.9414	Before	Interior Girder 1	199.9414	0.95	1	1	2.804301
EV3-neg_serv	BOBJ1	199.9414	Before	Interior Girder 2	199.9414	0.95	1	1	2.804301
EV3-neg_serv	BOBJ1	199.9414	Before	Right Exterior Girder	199.9414	0.95	1	1	3.040725
EV3-neg_serv	BOBJ1	199.9414	After	Left Exterior Girder	199.9414	0.95	1	1	4.961376
EV3-neg_serv	BOBJ1	199.9414	After	Interior Girder 1	199.9414	0.95	1	1	4.581219
EV3-neg_serv	BOBJ1	199.9414	After	Interior Girder 2	199.9414	0.95	1	1	4.58122
EV3-neg_serv	BOBJ1	199.9414	After	Right Exterior Girder	199.9414	0.95	1	1	4.961376
EV3-neg_serv	BOBJ1	202.5	Before	Left Exterior Girder	202.5	0.95	1	1	4.572918
EV3-neg_serv	BOBJ1	202.5	Before	Interior Girder 1	202.5	0.95	1	1	4.272385
EV3-neg_serv	BOBJ1	202.5	Before	Interior Girder 2	202.5	0.95	1	1	4.272385
EV3-neg_serv	BOBJ1	202.5	Before	Right Exterior Girder	202.5	0.95	1	1	4.572918
EV3-neg_serv	BOBJ1	202.5	After	Left Exterior Girder	202.5	0.95	1	1	4.656121
EV3-neg_serv	BOBJ1	202.5	After	Interior Girder 1	202.5	0.95	1	1	4.281675
EV3-neg_serv	BOBJ1	202.5	After	Interior Girder 2	202.5	0.95	1	1	4.281675
EV3-neg_serv	BOBJ1	202.5	After	Right Exterior Girder	202.5	0.95	1	1	4.656121
EV3-neg_serv	BOBJ1	210.5642	Before	Left Exterior Girder	210.5642	0.95	1	1	3.459291
EV3-neg_serv	BOBJ1	210.5642	Before	Interior Girder 1	210.5642	0.95	1	1	3.309747
EV3-neg_serv	BOBJ1	210.5642	Before	Interior Girder 2	210.5642	0.95	1	1	3.309747
EV3-neg_serv	BOBJ1	210.5642	Before	Right Exterior Girder	210.5642	0.95	1	1	3.459291
EV3-neg_serv	BOBJ1	210.5642	After	Left Exterior Girder	210.5642	0.95	1	1	5.108826
EV3-neg_serv	BOBJ1	210.5642	After	Interior Girder 1	210.5642	0.95	1	1	4.898041
EV3-neg_serv	BOBJ1	210.5642	After	Interior Girder 2	210.5642	0.95	1	1	4.898041
EV3-neg_serv	BOBJ1	210.5642	After	Right Exterior Girder	210.5642	0.95	1	1	5.108826
EV3-neg_serv	BOBJ1	213.75	Before	Left Exterior Girder	213.75	0.95	1	1	4.586981
EV3-neg_serv	BOBJ1	213.75	Before	Interior Girder 1	213.75	0.95	1	1	4.410431
EV3-neg_serv	BOBJ1	213.75	Before	Interior Girder 2	213.75	0.95	1	1	4.410431
EV3-neg_serv	BOBJ1	213.75	Before	Right Exterior Girder	213.75	0.95	1	1	4.586981
EV3-neg_serv	BOBJ1	213.75	After	Left Exterior Girder	213.75	0.95	1	1	4.584385
EV3-neg_serv	BOBJ1	213.75	After	Interior Girder 1	213.75	0.95	1	1	4.406734
EV3-neg_serv	BOBJ1	213.75	After	Interior Girder 2	213.75	0.95	1	1	4.406734
EV3-neg_serv	BOBJ1	213.75	After	Right Exterior Girder	213.75	0.95	1	1	4.584385
EV3-neg_serv	BOBJ1	225	Before	Left Exterior Girder	225	0.95	1	1	2.951211
EV3-neg_serv	BOBJ1	225	Before	Interior Girder 1	225	0.95	1	1	2.721724
EV3-neg_serv	BOBJ1	225	Before	Interior Girder 2	225	0.95	1	1	2.721724
EV3-neg_serv	BOBJ1	225	Before	Right Exterior Girder	225	0.95	1	1	2.951211
EV3-neg_serv	BOBJ1	225	After	Left Exterior Girder	0	0.95	1	1	2.745781
EV3-neg_serv	BOBJ1	225	After	Interior Girder 1	0	0.95	1	1	2.66942
EV3-neg_serv	BOBJ1	225	After	Interior Girder 2	0	0.95	1	1	2.66942
EV3-neg_serv	BOBJ1	225	After	Right Exterior Girder	0	0.95	1	1	2.745781
EV3-neg_serv	BOBJ1	236.45	Before	Left Exterior Girder	11.45	0.95	1	1	4.552131
EV3-neg_serv	BOBJ1	236.45	Before	Interior Girder 1	11.45	0.95	1	1	4.640393
EV3-neg_serv	BOBJ1	236.45	Before	Interior Girder 2	11.45	0.95	1	1	4.640393
EV3-neg_serv	BOBJ1	236.45	Before	Right Exterior Girder	11.45	0.95	1	1	4.552131
EV3-neg_serv	BOBJ1	236.45	After	Left Exterior Girder	11.45	0.95	1	1	4.561143
EV3-neg_serv	BOBJ1	236.45	After	Interior Girder 1	11.45	0.95	1	1	4.641212
EV3-neg_serv	BOBJ1	236.45	After	Interior Girder 2	11.45	0.95	1	1	4.641212
EV3-neg_serv	BOBJ1	236.45	After	Right Exterior Girder	11.45	0.95	1	1	4.561143

TABLE: Bridge Super Rating AASHTORATE18 26 - SteelINonCompServ-Flx - Main Span Girders									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
EV3-neg_serv	BOBJ1	239.5082	Before	Left Exterior Girder	14.5082	0.95	1	1	5.173482
EV3-neg_serv	BOBJ1	239.5082	Before	Interior Girder 1	14.5082	0.95	1	1	5.283952
EV3-neg_serv	BOBJ1	239.5082	Before	Interior Girder 2	14.5082	0.95	1	1	5.283952
EV3-neg_serv	BOBJ1	239.5082	Before	Right Exterior Girder	14.5082	0.95	1	1	5.173482
EV3-neg_serv	BOBJ1	239.5082	After	Left Exterior Girder	14.5082	0.95	1	1	3.530485
EV3-neg_serv	BOBJ1	239.5082	After	Interior Girder 1	14.5082	0.95	1	1	3.611385
EV3-neg_serv	BOBJ1	239.5082	After	Interior Girder 2	14.5082	0.95	1	1	3.611385
EV3-neg_serv	BOBJ1	239.5082	After	Right Exterior Girder	14.5082	0.95	1	1	3.530485
EV3-neg_serv	BOBJ1	247.9	Before	Left Exterior Girder	22.9	0.95	1	1	5.197264
EV3-neg_serv	BOBJ1	247.9	Before	Interior Girder 1	22.9	0.95	1	1	5.275179
EV3-neg_serv	BOBJ1	247.9	Before	Interior Girder 2	22.9	0.95	1	1	5.275179
EV3-neg_serv	BOBJ1	247.9	Before	Right Exterior Girder	22.9	0.95	1	1	5.197264
EV3-neg_serv	BOBJ1	247.9	After	Left Exterior Girder	22.9	0.95	1	1	5.07525
EV3-neg_serv	BOBJ1	247.9	After	Interior Girder 1	22.9	0.95	1	1	5.28641
EV3-neg_serv	BOBJ1	247.9	After	Interior Girder 2	22.9	0.95	1	1	5.28641
EV3-neg_serv	BOBJ1	247.9	After	Right Exterior Girder	22.9	0.95	1	1	5.07525
EV3-neg_serv	BOBJ1	258.5189	Before	Left Exterior Girder	33.5189	0.95	1	1	7.331923
EV3-neg_serv	BOBJ1	258.5189	Before	Interior Girder 1	33.5189	0.95	1	1	7.105811
EV3-neg_serv	BOBJ1	258.5189	Before	Interior Girder 2	33.5189	0.95	1	1	7.105811
EV3-neg_serv	BOBJ1	258.5189	Before	Right Exterior Girder	33.5189	0.95	1	1	7.331923
EV3-neg_serv	BOBJ1	258.5189	After	Left Exterior Girder	33.5189	0.95	1	1	5.083271
EV3-neg_serv	BOBJ1	258.5189	After	Interior Girder 1	33.5189	0.95	1	1	4.877847
EV3-neg_serv	BOBJ1	258.5189	After	Interior Girder 2	33.5189	0.95	1	1	4.877847
EV3-neg_serv	BOBJ1	258.5189	After	Right Exterior Girder	33.5189	0.95	1	1	5.083271
EV3-neg_serv	BOBJ1	259.3	Before	Left Exterior Girder	34.3	0.95	1	1	5.221528
EV3-neg_serv	BOBJ1	259.3	Before	Interior Girder 1	34.3	0.95	1	1	5.000445
EV3-neg_serv	BOBJ1	259.3	Before	Interior Girder 2	34.3	0.95	1	1	5.000445
EV3-neg_serv	BOBJ1	259.3	Before	Right Exterior Girder	34.3	0.95	1	1	5.221528
EV3-neg_serv	BOBJ1	259.3	After	Left Exterior Girder	34.3	0.95	1	1	5.220227
EV3-neg_serv	BOBJ1	259.3	After	Interior Girder 1	34.3	0.95	1	1	5.002203
EV3-neg_serv	BOBJ1	259.3	After	Interior Girder 2	34.3	0.95	1	1	5.002203
EV3-neg_serv	BOBJ1	259.3	After	Right Exterior Girder	34.3	0.95	1	1	5.220227
EV3-neg_serv	BOBJ1	266.1031	Before	Left Exterior Girder	41.1031	0.95	1	1	6.361121
EV3-neg_serv	BOBJ1	266.1031	Before	Interior Girder 1	41.1031	0.95	1	1	6.115304
EV3-neg_serv	BOBJ1	266.1031	Before	Interior Girder 2	41.1031	0.95	1	1	6.115304
EV3-neg_serv	BOBJ1	266.1031	Before	Right Exterior Girder	41.1031	0.95	1	1	6.361121
EV3-neg_serv	BOBJ1	266.1031	After	Left Exterior Girder	41.1031	0.95	1	1	3.425019
EV3-neg_serv	BOBJ1	266.1031	After	Interior Girder 1	41.1031	0.95	1	1	3.280902
EV3-neg_serv	BOBJ1	266.1031	After	Interior Girder 2	41.1031	0.95	1	1	3.280902
EV3-neg_serv	BOBJ1	266.1031	After	Right Exterior Girder	41.1031	0.95	1	1	3.425019
EV3-neg_serv	BOBJ1	270.7	Before	Left Exterior Girder	45.7	0.95	1	1	4.080236
EV3-neg_serv	BOBJ1	270.7	Before	Interior Girder 1	45.7	0.95	1	1	3.939474
EV3-neg_serv	BOBJ1	270.7	Before	Interior Girder 2	45.7	0.95	1	1	3.939474
EV3-neg_serv	BOBJ1	270.7	Before	Right Exterior Girder	45.7	0.95	1	1	4.080236
EV3-neg_serv	BOBJ1	270.7	After	Left Exterior Girder	45.7	0.95	1	1	4.08121
EV3-neg_serv	BOBJ1	270.7	After	Interior Girder 1	45.7	0.95	1	1	3.963742
EV3-neg_serv	BOBJ1	270.7	After	Interior Girder 2	45.7	0.95	1	1	3.963742
EV3-neg_serv	BOBJ1	270.7	After	Right Exterior Girder	45.7	0.95	1	1	4.08121
EV3-neg_serv	BOBJ1	273.6874	Before	Left Exterior Girder	48.6874	0.95	1	1	4.521393
EV3-neg_serv	BOBJ1	273.6874	Before	Interior Girder 1	48.6874	0.95	1	1	4.401815
EV3-neg_serv	BOBJ1	273.6874	Before	Interior Girder 2	48.6874	0.95	1	1	4.401815
EV3-neg_serv	BOBJ1	273.6874	Before	Right Exterior Girder	48.6874	0.95	1	1	4.521393
EV3-neg_serv	BOBJ1	273.6874	After	Left Exterior Girder	48.6874	0.95	1	1	1.940562
EV3-neg_serv	BOBJ1	273.6874	After	Interior Girder 1	48.6874	0.95	1	1	1.908014
EV3-neg_serv	BOBJ1	273.6874	After	Interior Girder 2	48.6874	0.95	1	1	1.908014
EV3-neg_serv	BOBJ1	273.6874	After	Right Exterior Girder	48.6874	0.95	1	1	1.940562
EV3-neg_serv	BOBJ1	282.15	Before	Left Exterior Girder	57.15	0.95	1	1	3.048488
EV3-neg_serv	BOBJ1	282.15	Before	Interior Girder 1	57.15	0.95	1	1	3.010642
EV3-neg_serv	BOBJ1	282.15	Before	Interior Girder 2	57.15	0.95	1	1	3.010642
EV3-neg_serv	BOBJ1	282.15	Before	Right Exterior Girder	57.15	0.95	1	1	3.048488
EV3-neg_serv	BOBJ1	282.15	After	Left Exterior Girder	57.15	0.95	1	1	3.043714
EV3-neg_serv	BOBJ1	282.15	After	Interior Girder 1	57.15	0.95	1	1	3.015721
EV3-neg_serv	BOBJ1	282.15	After	Interior Girder 2	57.15	0.95	1	1	3.015721
EV3-neg_serv	BOBJ1	282.15	After	Right Exterior Girder	57.15	0.95	1	1	3.043713
EV3-neg_serv	BOBJ1	293.6	Before	Left Exterior Girder	68.6	0.95	1	1	4.594186
EV3-neg_serv	BOBJ1	293.6	Before	Interior Girder 1	68.6	0.95	1	1	4.601809
EV3-neg_serv	BOBJ1	293.6	Before	Interior Girder 2	68.6	0.95	1	1	4.60181
EV3-neg_serv	BOBJ1	293.6	Before	Right Exterior Girder	68.6	0.95	1	1	4.594186
EV3-neg_serv	BOBJ1	293.6	After	Left Exterior Girder	68.6	0.95	1	1	4.52308
EV3-neg_serv	BOBJ1	293.6	After	Interior Girder 1	68.6	0.95	1	1	4.556463

TABLE: Bridge Super Rating AASHTORATE18 26 - SteelINonCompServ-Flx - Main Span Girders									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
EV3-neg_serv	BOBJ1	293.6	After	Interior Girder 2	68.6	0.95	1	1	4.556463
EV3-neg_serv	BOBJ1	293.6	After	Right Exterior Girder	68.6	0.95	1	1	4.523079
EV3-neg_serv	BOBJ1	305	Before	Left Exterior Girder	80	0.95	1	1	6.091881
EV3-neg_serv	BOBJ1	305	Before	Interior Girder 1	80	0.95	1	1	6.153787
EV3-neg_serv	BOBJ1	305	Before	Interior Girder 2	80	0.95	1	1	6.153787
EV3-neg_serv	BOBJ1	305	Before	Right Exterior Girder	80	0.95	1	1	6.091881
EV3-neg_serv	BOBJ1	305	After	Left Exterior Girder	80	0.95	1	1	6.091676
EV3-neg_serv	BOBJ1	305	After	Interior Girder 1	80	0.95	1	1	6.155498
EV3-neg_serv	BOBJ1	305	After	Interior Girder 2	80	0.95	1	1	6.155498
EV3-neg_serv	BOBJ1	305	After	Right Exterior Girder	80	0.95	1	1	6.091676
EV3-neg_serv	BOBJ1	306.9561	Before	Left Exterior Girder	81.9561	0.95	1	1	6.371276
EV3-neg_serv	BOBJ1	306.9561	Before	Interior Girder 1	81.9561	0.95	1	1	6.425169
EV3-neg_serv	BOBJ1	306.9561	Before	Interior Girder 2	81.9561	0.95	1	1	6.425169
EV3-neg_serv	BOBJ1	306.9561	Before	Right Exterior Girder	81.9561	0.95	1	1	6.371276
EV3-neg_serv	BOBJ1	306.9561	After	Left Exterior Girder	81.9561	0.95	1	1	10.071353
EV3-neg_serv	BOBJ1	306.9561	After	Interior Girder 1	81.9561	0.95	1	1	10.150673
EV3-neg_serv	BOBJ1	306.9561	After	Interior Girder 2	81.9561	0.95	1	1	10.150673
EV3-neg_serv	BOBJ1	306.9561	After	Right Exterior Girder	81.9561	0.95	1	1	10.071352
EV3-neg_serv	BOBJ1	316.4	Before	Left Exterior Girder	91.4	0.95	1	1	11.558546
EV3-neg_serv	BOBJ1	316.4	Before	Interior Girder 1	91.4	0.95	1	1	11.696565
EV3-neg_serv	BOBJ1	316.4	Before	Interior Girder 2	91.4	0.95	1	1	11.696565
EV3-neg_serv	BOBJ1	316.4	Before	Right Exterior Girder	91.4	0.95	1	1	11.558546
EV3-neg_serv	BOBJ1	316.4	After	Left Exterior Girder	91.4	0.95	1	1	11.470401
EV3-neg_serv	BOBJ1	316.4	After	Interior Girder 1	91.4	0.95	1	1	11.630947
EV3-neg_serv	BOBJ1	316.4	After	Interior Girder 2	91.4	0.95	1	1	11.630947
EV3-neg_serv	BOBJ1	316.4	After	Right Exterior Girder	91.4	0.95	1	1	11.470401
EV3-neg_serv	BOBJ1	327.85	Before	Left Exterior Girder	102.9679	0.95	1	1	13.307129
EV3-neg_serv	BOBJ1	327.85	Before	Interior Girder 1	102.9679	0.95	1	1	13.553435
EV3-neg_serv	BOBJ1	327.85	Before	Interior Girder 2	102.9679	0.95	1	1	13.553436
EV3-neg_serv	BOBJ1	327.85	Before	Right Exterior Girder	102.9679	0.95	1	1	13.307129
EV3-neg_serv	BOBJ1	327.85	After	Left Exterior Girder	102.9679	0.95	1	1	17.603635
EV3-neg_serv	BOBJ1	327.85	After	Interior Girder 1	102.9679	0.95	1	1	17.856538
EV3-neg_serv	BOBJ1	327.85	After	Interior Girder 2	102.9679	0.95	1	1	17.856538
EV3-neg_serv	BOBJ1	327.85	After	Right Exterior Girder	102.9679	0.95	1	1	17.603635
EV3-neg_serv	BOBJ1	339.3	Before	Left Exterior Girder	114.3	0.95	1	1	19.74785
EV3-neg_serv	BOBJ1	339.3	Before	Interior Girder 1	114.3	0.95	1	1	20.159671
EV3-neg_serv	BOBJ1	339.3	Before	Interior Girder 2	114.3	0.95	1	1	20.159671
EV3-neg_serv	BOBJ1	339.3	Before	Right Exterior Girder	114.3	0.95	1	1	19.747851
EV3-neg_serv	BOBJ1	339.3	After	Left Exterior Girder	114.3	0.95	1	1	19.725276
EV3-neg_serv	BOBJ1	339.3	After	Interior Girder 1	114.3	0.95	1	1	20.112331
EV3-neg_serv	BOBJ1	339.3	After	Interior Girder 2	114.3	0.95	1	1	20.112331
EV3-neg_serv	BOBJ1	339.3	After	Right Exterior Girder	114.3	0.95	1	1	19.725276
EV3-neg_serv	BOBJ1	350.7	Before	Left Exterior Girder	125.7	0.95	1	1	21.961067
EV3-neg_serv	BOBJ1	350.7	Before	Interior Girder 1	125.7	0.95	1	1	22.476522
EV3-neg_serv	BOBJ1	350.7	Before	Interior Girder 2	125.7	0.95	1	1	22.476522
EV3-neg_serv	BOBJ1	350.7	Before	Right Exterior Girder	125.7	0.95	1	1	21.961068
EV3-neg_serv	BOBJ1	350.7	After	Left Exterior Girder	125.7	0.95	1	1	21.976233
EV3-neg_serv	BOBJ1	350.7	After	Interior Girder 1	125.7	0.95	1	1	22.473273
EV3-neg_serv	BOBJ1	350.7	After	Interior Girder 2	125.7	0.95	1	1	22.473274
EV3-neg_serv	BOBJ1	350.7	After	Right Exterior Girder	125.7	0.95	1	1	21.976233
EV3-neg_serv	BOBJ1	362.1	Before	Left Exterior Girder	137.1	0.95	1	1	24.334804
EV3-neg_serv	BOBJ1	362.1	Before	Interior Girder 1	137.1	0.95	1	1	24.972272
EV3-neg_serv	BOBJ1	362.1	Before	Interior Girder 2	137.1	0.95	1	1	24.972272
EV3-neg_serv	BOBJ1	362.1	Before	Right Exterior Girder	137.1	0.95	1	1	24.334804
EV3-neg_serv	BOBJ1	362.1	After	Left Exterior Girder	137.1	0.95	1	1	24.315176
EV3-neg_serv	BOBJ1	362.1	After	Interior Girder 1	137.1	0.95	1	1	24.955582
EV3-neg_serv	BOBJ1	362.1	After	Interior Girder 2	137.1	0.95	1	1	24.955582
EV3-neg_serv	BOBJ1	362.1	After	Right Exterior Girder	137.1	0.95	1	1	24.315177
EV3-neg_serv	BOBJ1	373.55	Before	Left Exterior Girder	148.55	0.95	1	1	26.841591
EV3-neg_serv	BOBJ1	373.55	Before	Interior Girder 1	148.55	0.95	1	1	27.571314
EV3-neg_serv	BOBJ1	373.55	Before	Interior Girder 2	148.55	0.95	1	1	27.571314
EV3-neg_serv	BOBJ1	373.55	Before	Right Exterior Girder	148.55	0.95	1	1	26.841592
EV3-neg_serv	BOBJ1	373.55	After	Left Exterior Girder	148.55	0.95	1	1	26.856887
EV3-neg_serv	BOBJ1	373.55	After	Interior Girder 1	148.55	0.95	1	1	27.572951
EV3-neg_serv	BOBJ1	373.55	After	Interior Girder 2	148.55	0.95	1	1	27.572951
EV3-neg_serv	BOBJ1	373.55	After	Right Exterior Girder	148.55	0.95	1	1	26.856887
EV3-neg_serv	BOBJ1	385	Before	Left Exterior Girder	160	0.95	1	1	29.392119
EV3-neg_serv	BOBJ1	385	Before	Interior Girder 1	160	0.95	1	1	30.16345
EV3-neg_serv	BOBJ1	385	Before	Interior Girder 2	160	0.95	1	1	30.16345
EV3-neg_serv	BOBJ1	385	Before	Right Exterior Girder	160	0.95	1	1	29.392119

TABLE: Bridge Super Rating AASHTORATE18 26 - SteelINonCompServ-Flx - Main Span Girders									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
EV3-neg_serv	BOBJ1	385	After	Left Exterior Girder	160	0.95	1	1	29.392089
EV3-neg_serv	BOBJ1	385	After	Interior Girder 1	160	0.95	1	1	30.16345
EV3-neg_serv	BOBJ1	385	After	Interior Girder 2	160	0.95	1	1	30.163449
EV3-neg_serv	BOBJ1	385	After	Right Exterior Girder	160	0.95	1	1	29.39209
EV3-neg_serv	BOBJ1	396.45	Before	Left Exterior Girder	171.45	0.95	1	1	26.856919
EV3-neg_serv	BOBJ1	396.45	Before	Interior Girder 1	171.45	0.95	1	1	27.572955
EV3-neg_serv	BOBJ1	396.45	Before	Interior Girder 2	171.45	0.95	1	1	27.572954
EV3-neg_serv	BOBJ1	396.45	Before	Right Exterior Girder	171.45	0.95	1	1	26.85692
EV3-neg_serv	BOBJ1	396.45	After	Left Exterior Girder	171.45	0.95	1	1	26.841624
EV3-neg_serv	BOBJ1	396.45	After	Interior Girder 1	171.45	0.95	1	1	27.571318
EV3-neg_serv	BOBJ1	396.45	After	Interior Girder 2	171.45	0.95	1	1	27.571317
EV3-neg_serv	BOBJ1	396.45	After	Right Exterior Girder	171.45	0.95	1	1	26.841625
EV3-neg_serv	BOBJ1	407.9	Before	Left Exterior Girder	182.9	0.95	1	1	24.315198
EV3-neg_serv	BOBJ1	407.9	Before	Interior Girder 1	182.9	0.95	1	1	24.955589
EV3-neg_serv	BOBJ1	407.9	Before	Interior Girder 2	182.9	0.95	1	1	24.955588
EV3-neg_serv	BOBJ1	407.9	Before	Right Exterior Girder	182.9	0.95	1	1	24.315199
EV3-neg_serv	BOBJ1	407.9	After	Left Exterior Girder	182.9	0.95	1	1	24.334837
EV3-neg_serv	BOBJ1	407.9	After	Interior Girder 1	182.9	0.95	1	1	24.972278
EV3-neg_serv	BOBJ1	407.9	After	Interior Girder 2	182.9	0.95	1	1	24.972277
EV3-neg_serv	BOBJ1	407.9	After	Right Exterior Girder	182.9	0.95	1	1	24.334837
EV3-neg_serv	BOBJ1	419.3	Before	Left Exterior Girder	194.3	0.95	1	1	21.976255
EV3-neg_serv	BOBJ1	419.3	Before	Interior Girder 1	194.3	0.95	1	1	22.473283
EV3-neg_serv	BOBJ1	419.3	Before	Interior Girder 2	194.3	0.95	1	1	22.473282
EV3-neg_serv	BOBJ1	419.3	Before	Right Exterior Girder	194.3	0.95	1	1	21.976255
EV3-neg_serv	BOBJ1	419.3	After	Left Exterior Girder	194.3	0.95	1	1	21.96109
EV3-neg_serv	BOBJ1	419.3	After	Interior Girder 1	194.3	0.95	1	1	22.476531
EV3-neg_serv	BOBJ1	419.3	After	Interior Girder 2	194.3	0.95	1	1	22.47653
EV3-neg_serv	BOBJ1	419.3	After	Right Exterior Girder	194.3	0.95	1	1	21.96109
EV3-neg_serv	BOBJ1	430.7	Before	Left Exterior Girder	205.7	0.95	1	1	19.725304
EV3-neg_serv	BOBJ1	430.7	Before	Interior Girder 1	205.7	0.95	1	1	20.112336
EV3-neg_serv	BOBJ1	430.7	Before	Interior Girder 2	205.7	0.95	1	1	20.112336
EV3-neg_serv	BOBJ1	430.7	Before	Right Exterior Girder	205.7	0.95	1	1	19.725304
EV3-neg_serv	BOBJ1	430.7	After	Left Exterior Girder	205.7	0.95	1	1	19.747883
EV3-neg_serv	BOBJ1	430.7	After	Interior Girder 1	205.7	0.95	1	1	20.159681
EV3-neg_serv	BOBJ1	430.7	After	Interior Girder 2	205.7	0.95	1	1	20.159681
EV3-neg_serv	BOBJ1	430.7	After	Right Exterior Girder	205.7	0.95	1	1	19.747882
EV3-neg_serv	BOBJ1	442.15	Before	Left Exterior Girder	217.0321	0.95	1	1	17.594993
EV3-neg_serv	BOBJ1	442.15	Before	Interior Girder 1	217.0321	0.95	1	1	17.841988
EV3-neg_serv	BOBJ1	442.15	Before	Interior Girder 2	217.0321	0.95	1	1	17.841987
EV3-neg_serv	BOBJ1	442.15	Before	Right Exterior Girder	217.0321	0.95	1	1	17.594992
EV3-neg_serv	BOBJ1	442.15	After	Left Exterior Girder	217.0321	0.95	1	1	13.300074
EV3-neg_serv	BOBJ1	442.15	After	Interior Girder 1	217.0321	0.95	1	1	13.543664
EV3-neg_serv	BOBJ1	442.15	After	Interior Girder 2	217.0321	0.95	1	1	13.543664
EV3-neg_serv	BOBJ1	442.15	After	Right Exterior Girder	217.0321	0.95	1	1	13.300073
EV3-neg_serv	BOBJ1	453.6	Before	Left Exterior Girder	228.6	0.95	1	1	11.470395
EV3-neg_serv	BOBJ1	453.6	Before	Interior Girder 1	228.6	0.95	1	1	11.630953
EV3-neg_serv	BOBJ1	453.6	Before	Interior Girder 2	228.6	0.95	1	1	11.630953
EV3-neg_serv	BOBJ1	453.6	Before	Right Exterior Girder	228.6	0.95	1	1	11.470395
EV3-neg_serv	BOBJ1	453.6	After	Left Exterior Girder	228.6	0.95	1	1	11.558542
EV3-neg_serv	BOBJ1	453.6	After	Interior Girder 1	228.6	0.95	1	1	11.69657
EV3-neg_serv	BOBJ1	453.6	After	Interior Girder 2	228.6	0.95	1	1	11.69657
EV3-neg_serv	BOBJ1	453.6	After	Right Exterior Girder	228.6	0.95	1	1	11.558542
EV3-neg_serv	BOBJ1	463.0439	Before	Left Exterior Girder	238.0439	0.95	1	1	10.067022
EV3-neg_serv	BOBJ1	463.0439	Before	Interior Girder 1	238.0439	0.95	1	1	10.141346
EV3-neg_serv	BOBJ1	463.0439	Before	Interior Girder 2	238.0439	0.95	1	1	10.141347
EV3-neg_serv	BOBJ1	463.0439	Before	Right Exterior Girder	238.0439	0.95	1	1	10.067021
EV3-neg_serv	BOBJ1	463.0439	After	Left Exterior Girder	238.0439	0.95	1	1	6.368377
EV3-neg_serv	BOBJ1	463.0439	After	Interior Girder 1	238.0439	0.95	1	1	6.419481
EV3-neg_serv	BOBJ1	463.0439	After	Interior Girder 2	238.0439	0.95	1	1	6.419481
EV3-neg_serv	BOBJ1	463.0439	After	Right Exterior Girder	238.0439	0.95	1	1	6.368377
EV3-neg_serv	BOBJ1	465	Before	Left Exterior Girder	240	0.95	1	1	6.091672
EV3-neg_serv	BOBJ1	465	Before	Interior Girder 1	240	0.95	1	1	6.155493
EV3-neg_serv	BOBJ1	465	Before	Interior Girder 2	240	0.95	1	1	6.155493
EV3-neg_serv	BOBJ1	465	Before	Right Exterior Girder	240	0.95	1	1	6.091672
EV3-neg_serv	BOBJ1	465	After	Left Exterior Girder	240	0.95	1	1	6.091877
EV3-neg_serv	BOBJ1	465	After	Interior Girder 1	240	0.95	1	1	6.153784
EV3-neg_serv	BOBJ1	465	After	Interior Girder 2	240	0.95	1	1	6.153784
EV3-neg_serv	BOBJ1	465	After	Right Exterior Girder	240	0.95	1	1	6.091877
EV3-neg_serv	BOBJ1	476.4	Before	Left Exterior Girder	251.4	0.95	1	1	4.523084
EV3-neg_serv	BOBJ1	476.4	Before	Interior Girder 1	251.4	0.95	1	1	4.556472

TABLE: Bridge Super Rating AASHTORATE18 26 - SteelINonCompServ-Flx - Main Span Girders									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
EV3-neg_serv	BOBJ1	476.4	Before	Interior Girder 2	251.4	0.95	1	1	4.556472
EV3-neg_serv	BOBJ1	476.4	Before	Right Exterior Girder	251.4	0.95	1	1	4.523084
EV3-neg_serv	BOBJ1	476.4	After	Left Exterior Girder	251.4	0.95	1	1	4.594186
EV3-neg_serv	BOBJ1	476.4	After	Interior Girder 1	251.4	0.95	1	1	4.601817
EV3-neg_serv	BOBJ1	476.4	After	Interior Girder 2	251.4	0.95	1	1	4.601817
EV3-neg_serv	BOBJ1	476.4	After	Right Exterior Girder	251.4	0.95	1	1	4.594186
EV3-neg_serv	BOBJ1	487.85	Before	Left Exterior Girder	262.85	0.95	1	1	3.043718
EV3-neg_serv	BOBJ1	487.85	Before	Interior Girder 1	262.85	0.95	1	1	3.015725
EV3-neg_serv	BOBJ1	487.85	Before	Interior Girder 2	262.85	0.95	1	1	3.015725
EV3-neg_serv	BOBJ1	487.85	Before	Right Exterior Girder	262.85	0.95	1	1	3.043718
EV3-neg_serv	BOBJ1	487.85	After	Left Exterior Girder	262.85	0.95	1	1	3.048494
EV3-neg_serv	BOBJ1	487.85	After	Interior Girder 1	262.85	0.95	1	1	3.010646
EV3-neg_serv	BOBJ1	487.85	After	Interior Girder 2	262.85	0.95	1	1	3.010647
EV3-neg_serv	BOBJ1	487.85	After	Right Exterior Girder	262.85	0.95	1	1	3.048494
EV3-neg_serv	BOBJ1	496.3126	Before	Left Exterior Girder	271.3126	0.95	1	1	1.939818
EV3-neg_serv	BOBJ1	496.3126	Before	Interior Girder 1	271.3126	0.95	1	1	1.909537
EV3-neg_serv	BOBJ1	496.3126	Before	Interior Girder 2	271.3126	0.95	1	1	1.909537
EV3-neg_serv	BOBJ1	496.3126	Before	Right Exterior Girder	271.3126	0.95	1	1	1.939818
EV3-neg_serv	BOBJ1	496.3126	After	Left Exterior Girder	271.3126	0.95	1	1	4.519984
EV3-neg_serv	BOBJ1	496.3126	After	Interior Girder 1	271.3126	0.95	1	1	4.404921
EV3-neg_serv	BOBJ1	496.3126	After	Interior Girder 2	271.3126	0.95	1	1	4.404921
EV3-neg_serv	BOBJ1	496.3126	After	Right Exterior Girder	271.3126	0.95	1	1	4.519984
EV3-neg_serv	BOBJ1	499.3	Before	Left Exterior Girder	274.3	0.95	1	1	4.081211
EV3-neg_serv	BOBJ1	499.3	Before	Interior Girder 1	274.3	0.95	1	1	3.963748
EV3-neg_serv	BOBJ1	499.3	Before	Interior Girder 2	274.3	0.95	1	1	3.963748
EV3-neg_serv	BOBJ1	499.3	Before	Right Exterior Girder	274.3	0.95	1	1	4.081211
EV3-neg_serv	BOBJ1	499.3	After	Left Exterior Girder	274.3	0.95	1	1	4.080235
EV3-neg_serv	BOBJ1	499.3	After	Interior Girder 1	274.3	0.95	1	1	3.939482
EV3-neg_serv	BOBJ1	499.3	After	Interior Girder 2	274.3	0.95	1	1	3.939482
EV3-neg_serv	BOBJ1	499.3	After	Right Exterior Girder	274.3	0.95	1	1	4.080235
EV3-neg_serv	BOBJ1	503.8969	Before	Left Exterior Girder	278.8969	0.95	1	1	3.425019
EV3-neg_serv	BOBJ1	503.8969	Before	Interior Girder 1	278.8969	0.95	1	1	3.280913
EV3-neg_serv	BOBJ1	503.8969	Before	Interior Girder 2	278.8969	0.95	1	1	3.280913
EV3-neg_serv	BOBJ1	503.8969	Before	Right Exterior Girder	278.8969	0.95	1	1	3.425019
EV3-neg_serv	BOBJ1	503.8969	After	Left Exterior Girder	278.8969	0.95	1	1	6.361121
EV3-neg_serv	BOBJ1	503.8969	After	Interior Girder 1	278.8969	0.95	1	1	6.115319
EV3-neg_serv	BOBJ1	503.8969	After	Interior Girder 2	278.8969	0.95	1	1	6.115319
EV3-neg_serv	BOBJ1	503.8969	After	Right Exterior Girder	278.8969	0.95	1	1	6.361121
EV3-neg_serv	BOBJ1	510.7	Before	Left Exterior Girder	285.7	0.95	1	1	5.220227
EV3-neg_serv	BOBJ1	510.7	Before	Interior Girder 1	285.7	0.95	1	1	5.002221
EV3-neg_serv	BOBJ1	510.7	Before	Interior Girder 2	285.7	0.95	1	1	5.002221
EV3-neg_serv	BOBJ1	510.7	Before	Right Exterior Girder	285.7	0.95	1	1	5.220227
EV3-neg_serv	BOBJ1	510.7	After	Left Exterior Girder	285.7	0.95	1	1	5.221529
EV3-neg_serv	BOBJ1	510.7	After	Interior Girder 1	285.7	0.95	1	1	5.000463
EV3-neg_serv	BOBJ1	510.7	After	Interior Girder 2	285.7	0.95	1	1	5.000463
EV3-neg_serv	BOBJ1	510.7	After	Right Exterior Girder	285.7	0.95	1	1	5.221529
EV3-neg_serv	BOBJ1	511.4811	Before	Left Exterior Girder	286.4811	0.95	1	1	5.091769
EV3-neg_serv	BOBJ1	511.4811	Before	Interior Girder 1	286.4811	0.95	1	1	4.879657
EV3-neg_serv	BOBJ1	511.4811	Before	Interior Girder 2	286.4811	0.95	1	1	4.879657
EV3-neg_serv	BOBJ1	511.4811	Before	Right Exterior Girder	286.4811	0.95	1	1	5.09177
EV3-neg_serv	BOBJ1	511.4811	After	Left Exterior Girder	286.4811	0.95	1	1	7.344719
EV3-neg_serv	BOBJ1	511.4811	After	Interior Girder 1	286.4811	0.95	1	1	7.108003
EV3-neg_serv	BOBJ1	511.4811	After	Interior Girder 2	286.4811	0.95	1	1	7.108003
EV3-neg_serv	BOBJ1	511.4811	After	Right Exterior Girder	286.4811	0.95	1	1	7.344719
EV3-neg_serv	BOBJ1	522.1	Before	Left Exterior Girder	297.1	0.95	1	1	5.075422
EV3-neg_serv	BOBJ1	522.1	Before	Interior Girder 1	297.1	0.95	1	1	5.286644
EV3-neg_serv	BOBJ1	522.1	Before	Interior Girder 2	297.1	0.95	1	1	5.286644
EV3-neg_serv	BOBJ1	522.1	Before	Right Exterior Girder	297.1	0.95	1	1	5.075422
EV3-neg_serv	BOBJ1	522.1	After	Left Exterior Girder	297.1	0.95	1	1	5.197398
EV3-neg_serv	BOBJ1	522.1	After	Interior Girder 1	297.1	0.95	1	1	5.275326
EV3-neg_serv	BOBJ1	522.1	After	Interior Girder 2	297.1	0.95	1	1	5.275326
EV3-neg_serv	BOBJ1	522.1	After	Right Exterior Girder	297.1	0.95	1	1	5.197398
EV3-neg_serv	BOBJ1	530.4918	Before	Left Exterior Girder	305.4918	0.95	1	1	3.530479
EV3-neg_serv	BOBJ1	530.4918	Before	Interior Girder 1	305.4918	0.95	1	1	3.611362
EV3-neg_serv	BOBJ1	530.4918	Before	Interior Girder 2	305.4918	0.95	1	1	3.611362
EV3-neg_serv	BOBJ1	530.4918	Before	Right Exterior Girder	305.4918	0.95	1	1	3.530479
EV3-neg_serv	BOBJ1	530.4918	After	Left Exterior Girder	305.4918	0.95	1	1	5.173463
EV3-neg_serv	BOBJ1	530.4918	After	Interior Girder 1	305.4918	0.95	1	1	5.283889
EV3-neg_serv	BOBJ1	530.4918	After	Interior Girder 2	305.4918	0.95	1	1	5.283889
EV3-neg_serv	BOBJ1	530.4918	After	Right Exterior Girder	305.4918	0.95	1	1	5.173463

TABLE: Bridge Super Rating AASHTORATE18 26 - SteelINonCompServ-Flx - Main Span Girders									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
EV3-neg_serv	BOBJ1	533.55	Before	Left Exterior Girder	308.55	0.95	1	1	4.561139
EV3-neg_serv	BOBJ1	533.55	Before	Interior Girder 1	308.55	0.95	1	1	4.641209
EV3-neg_serv	BOBJ1	533.55	Before	Interior Girder 2	308.55	0.95	1	1	4.641209
EV3-neg_serv	BOBJ1	533.55	Before	Right Exterior Girder	308.55	0.95	1	1	4.561139
EV3-neg_serv	BOBJ1	533.55	After	Left Exterior Girder	308.55	0.95	1	1	4.552126
EV3-neg_serv	BOBJ1	533.55	After	Interior Girder 1	308.55	0.95	1	1	4.64038
EV3-neg_serv	BOBJ1	533.55	After	Interior Girder 2	308.55	0.95	1	1	4.640381
EV3-neg_serv	BOBJ1	533.55	After	Right Exterior Girder	308.55	0.95	1	1	4.552126
EV3-neg_serv	BOBJ1	545	Before	Left Exterior Girder	320	0.95	1	1	2.745781
EV3-neg_serv	BOBJ1	545	Before	Interior Girder 1	320	0.95	1	1	2.669346
EV3-neg_serv	BOBJ1	545	Before	Interior Girder 2	320	0.95	1	1	2.669346
EV3-neg_serv	BOBJ1	545	Before	Right Exterior Girder	320	0.95	1	1	2.745781
EV3-neg_serv	BOBJ1	545	After	Left Exterior Girder	0	0.95	1	1	2.951214
EV3-neg_serv	BOBJ1	545	After	Interior Girder 1	0	0.95	1	1	2.722115
EV3-neg_serv	BOBJ1	545	After	Interior Girder 2	0	0.95	1	1	2.722115
EV3-neg_serv	BOBJ1	545	After	Right Exterior Girder	0	0.95	1	1	2.951214
EV3-neg_serv	BOBJ1	556.25	Before	Left Exterior Girder	11.25	0.95	1	1	4.584392
EV3-neg_serv	BOBJ1	556.25	Before	Interior Girder 1	11.25	0.95	1	1	4.407578
EV3-neg_serv	BOBJ1	556.25	Before	Interior Girder 2	11.25	0.95	1	1	4.407578
EV3-neg_serv	BOBJ1	556.25	Before	Right Exterior Girder	11.25	0.95	1	1	4.584392
EV3-neg_serv	BOBJ1	556.25	After	Left Exterior Girder	11.25	0.95	1	1	4.586988
EV3-neg_serv	BOBJ1	556.25	After	Interior Girder 1	11.25	0.95	1	1	4.41156
EV3-neg_serv	BOBJ1	556.25	After	Interior Girder 2	11.25	0.95	1	1	4.41156
EV3-neg_serv	BOBJ1	556.25	After	Right Exterior Girder	11.25	0.95	1	1	4.586988
EV3-neg_serv	BOBJ1	559.4358	Before	Left Exterior Girder	14.4358	0.95	1	1	5.108831
EV3-neg_serv	BOBJ1	559.4358	Before	Interior Girder 1	14.4358	0.95	1	1	4.898185
EV3-neg_serv	BOBJ1	559.4358	Before	Interior Girder 2	14.4358	0.95	1	1	4.898185
EV3-neg_serv	BOBJ1	559.4358	Before	Right Exterior Girder	14.4358	0.95	1	1	5.108831
EV3-neg_serv	BOBJ1	559.4358	After	Left Exterior Girder	14.4358	0.95	1	1	3.459295
EV3-neg_serv	BOBJ1	559.4358	After	Interior Girder 1	14.4358	0.95	1	1	3.309778
EV3-neg_serv	BOBJ1	559.4358	After	Interior Girder 2	14.4358	0.95	1	1	3.309778
EV3-neg_serv	BOBJ1	559.4358	After	Right Exterior Girder	14.4358	0.95	1	1	3.459295
EV3-neg_serv	BOBJ1	567.5	Before	Left Exterior Girder	22.5	0.95	1	1	4.656128
EV3-neg_serv	BOBJ1	567.5	Before	Interior Girder 1	22.5	0.95	1	1	4.281699
EV3-neg_serv	BOBJ1	567.5	Before	Interior Girder 2	22.5	0.95	1	1	4.281699
EV3-neg_serv	BOBJ1	567.5	Before	Right Exterior Girder	22.5	0.95	1	1	4.656128
EV3-neg_serv	BOBJ1	567.5	After	Left Exterior Girder	22.5	0.95	1	1	4.572925
EV3-neg_serv	BOBJ1	567.5	After	Interior Girder 1	22.5	0.95	1	1	4.272408
EV3-neg_serv	BOBJ1	567.5	After	Interior Girder 2	22.5	0.95	1	1	4.272408
EV3-neg_serv	BOBJ1	567.5	After	Right Exterior Girder	22.5	0.95	1	1	4.572925
EV3-neg_serv	BOBJ1	570.0586	Before	Left Exterior Girder	25.0586	0.95	1	1	4.96428
EV3-neg_serv	BOBJ1	570.0586	Before	Interior Girder 1	25.0586	0.95	1	1	4.579477
EV3-neg_serv	BOBJ1	570.0586	Before	Interior Girder 2	25.0586	0.95	1	1	4.579477
EV3-neg_serv	BOBJ1	570.0586	Before	Right Exterior Girder	25.0586	0.95	1	1	4.96428
EV3-neg_serv	BOBJ1	570.0586	After	Left Exterior Girder	25.0586	0.95	1	1	3.042918
EV3-neg_serv	BOBJ1	570.0586	After	Interior Girder 1	25.0586	0.95	1	1	2.802696
EV3-neg_serv	BOBJ1	570.0586	After	Interior Girder 2	25.0586	0.95	1	1	2.802696
EV3-neg_serv	BOBJ1	570.0586	After	Right Exterior Girder	25.0586	0.95	1	1	3.042918
EV3-neg_serv	BOBJ1	578.75	Before	Left Exterior Girder	33.75	0.95	1	1	3.98395
EV3-neg_serv	BOBJ1	578.75	Before	Interior Girder 1	33.75	0.95	1	1	3.743043
EV3-neg_serv	BOBJ1	578.75	Before	Interior Girder 2	33.75	0.95	1	1	3.743043
EV3-neg_serv	BOBJ1	578.75	Before	Right Exterior Girder	33.75	0.95	1	1	3.98395
EV3-neg_serv	BOBJ1	578.75	After	Left Exterior Girder	33.75	0.95	1	1	3.972764
EV3-neg_serv	BOBJ1	578.75	After	Interior Girder 1	33.75	0.95	1	1	3.747926
EV3-neg_serv	BOBJ1	578.75	After	Interior Girder 2	33.75	0.95	1	1	3.747926
EV3-neg_serv	BOBJ1	578.75	After	Right Exterior Girder	33.75	0.95	1	1	3.972764
EV3-neg_serv	BOBJ1	586.8142	Before	Left Exterior Girder	41.8142	0.95	1	1	4.883714
EV3-neg_serv	BOBJ1	586.8142	Before	Interior Girder 1	41.8142	0.95	1	1	4.668811
EV3-neg_serv	BOBJ1	586.8142	Before	Interior Girder 2	41.8142	0.95	1	1	4.668811
EV3-neg_serv	BOBJ1	586.8142	Before	Right Exterior Girder	41.8142	0.95	1	1	4.883714
EV3-neg_serv	BOBJ1	586.8142	After	Left Exterior Girder	41.8142	0.95	1	1	2.332612
EV3-neg_serv	BOBJ1	586.8142	After	Interior Girder 1	41.8142	0.95	1	1	2.236369
EV3-neg_serv	BOBJ1	586.8142	After	Interior Girder 2	41.8142	0.95	1	1	2.236369
EV3-neg_serv	BOBJ1	586.8142	After	Right Exterior Girder	41.8142	0.95	1	1	2.332612
EV3-neg_serv	BOBJ1	590	Before	Left Exterior Girder	45	0.95	1	1	2.640007
EV3-neg_serv	BOBJ1	590	Before	Interior Girder 1	45	0.95	1	1	2.545639
EV3-neg_serv	BOBJ1	590	Before	Interior Girder 2	45	0.95	1	1	2.545639
EV3-neg_serv	BOBJ1	590	Before	Right Exterior Girder	45	0.95	1	1	2.640007
EV3-neg_serv	BOBJ1	590	After	Left Exterior Girder	45	0.95	1	1	2.642364
EV3-neg_serv	BOBJ1	590	After	Interior Girder 1	45	0.95	1	1	2.554243

TABLE: Bridge Super Rating AASHTORATE18 26 - SteelNonCompServ-Flx - Main Span Girders									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
EV3-neg_serv	BOBJ1	590	After	Interior Girder 2	45	0.95	1	1	2.554243
EV3-neg_serv	BOBJ1	590	After	Right Exterior Girder	45	0.95	1	1	2.642364
EV3-neg_serv	BOBJ1	601.25	Before	Left Exterior Girder	56.25	0.95	1	1	3.755765
EV3-neg_serv	BOBJ1	601.25	Before	Interior Girder 1	56.25	0.95	1	1	3.673596
EV3-neg_serv	BOBJ1	601.25	Before	Interior Girder 2	56.25	0.95	1	1	3.673596
EV3-neg_serv	BOBJ1	601.25	Before	Right Exterior Girder	56.25	0.95	1	1	3.755765
EV3-neg_serv	BOBJ1	601.25	After	Left Exterior Girder	56.25	0.95	1	1	3.750149
EV3-neg_serv	BOBJ1	601.25	After	Interior Girder 1	56.25	0.95	1	1	3.67817
EV3-neg_serv	BOBJ1	601.25	After	Interior Girder 2	56.25	0.95	1	1	3.67817
EV3-neg_serv	BOBJ1	601.25	After	Right Exterior Girder	56.25	0.95	1	1	3.750149
EV3-neg_serv	BOBJ1	601.7478	Before	Left Exterior Girder	56.7478	0.95	1	1	3.799877
EV3-neg_serv	BOBJ1	601.7478	Before	Interior Girder 1	56.7478	0.95	1	1	3.729137
EV3-neg_serv	BOBJ1	601.7478	Before	Interior Girder 2	56.7478	0.95	1	1	3.729137
EV3-neg_serv	BOBJ1	601.7478	Before	Right Exterior Girder	56.7478	0.95	1	1	3.799877
EV3-neg_serv	BOBJ1	601.7478	After	Left Exterior Girder	56.7478	0.95	1	1	1.510716
EV3-neg_serv	BOBJ1	601.7478	After	Interior Girder 1	56.7478	0.95	1	1	1.494464
EV3-neg_serv	BOBJ1	601.7478	After	Interior Girder 2	56.7478	0.95	1	1	1.494464
EV3-neg_serv	BOBJ1	601.7478	After	Right Exterior Girder	56.7478	0.95	1	1	1.510716
EV3-neg_serv	BOBJ1	612.5	Before	Left Exterior Girder	67.5	0.95	1	1	2.440016
EV3-neg_serv	BOBJ1	612.5	Before	Interior Girder 1	67.5	0.95	1	1	2.433204
EV3-neg_serv	BOBJ1	612.5	Before	Interior Girder 2	67.5	0.95	1	1	2.433204
EV3-neg_serv	BOBJ1	612.5	Before	Right Exterior Girder	67.5	0.95	1	1	2.440016
EV3-neg_serv	BOBJ1	612.5	After	Left Exterior Girder	67.5	0.95	1	1	2.418669
EV3-neg_serv	BOBJ1	612.5	After	Interior Girder 1	67.5	0.95	1	1	2.420101
EV3-neg_serv	BOBJ1	612.5	After	Interior Girder 2	67.5	0.95	1	1	2.420101
EV3-neg_serv	BOBJ1	612.5	After	Right Exterior Girder	67.5	0.95	1	1	2.418669
EV3-neg_serv	BOBJ1	623.75	Before	Left Exterior Girder	78.75	0.95	1	1	3.426006
EV3-neg_serv	BOBJ1	623.75	Before	Interior Girder 1	78.75	0.95	1	1	3.440581
EV3-neg_serv	BOBJ1	623.75	Before	Interior Girder 2	78.75	0.95	1	1	3.440581
EV3-neg_serv	BOBJ1	623.75	Before	Right Exterior Girder	78.75	0.95	1	1	3.426006
EV3-neg_serv	BOBJ1	623.75	After	Left Exterior Girder	78.75	0.95	1	1	3.419424
EV3-neg_serv	BOBJ1	623.75	After	Interior Girder 1	78.75	0.95	1	1	3.446877
EV3-neg_serv	BOBJ1	623.75	After	Interior Girder 2	78.75	0.95	1	1	3.446877
EV3-neg_serv	BOBJ1	623.75	After	Right Exterior Girder	78.75	0.95	1	1	3.419423
EV3-neg_serv	BOBJ1	635	Before	Left Exterior Girder	90	0.95	1	1	4.484145
EV3-neg_serv	BOBJ1	635	Before	Interior Girder 1	90	0.95	1	1	4.539816
EV3-neg_serv	BOBJ1	635	Before	Interior Girder 2	90	0.95	1	1	4.539816
EV3-neg_serv	BOBJ1	635	Before	Right Exterior Girder	90	0.95	1	1	4.484145
EV3-neg_serv	BOBJ1	635	After	Left Exterior Girder	90	0.95	1	1	4.432396
EV3-neg_serv	BOBJ1	635	After	Interior Girder 1	90	0.95	1	1	4.504233
EV3-neg_serv	BOBJ1	635	After	Interior Girder 2	90	0.95	1	1	4.504233
EV3-neg_serv	BOBJ1	635	After	Right Exterior Girder	90	0.95	1	1	4.432396
EV3-neg_serv	BOBJ1	643.5619	Before	Left Exterior Girder	98.5619	0.95	1	1	5.281473
EV3-neg_serv	BOBJ1	643.5619	Before	Interior Girder 1	98.5619	0.95	1	1	5.365381
EV3-neg_serv	BOBJ1	643.5619	Before	Interior Girder 2	98.5619	0.95	1	1	5.365381
EV3-neg_serv	BOBJ1	643.5619	Before	Right Exterior Girder	98.5619	0.95	1	1	5.281473
EV3-neg_serv	BOBJ1	643.5619	After	Left Exterior Girder	98.5619	0.95	1	1	7.904856
EV3-neg_serv	BOBJ1	643.5619	After	Interior Girder 1	98.5619	0.95	1	1	8.011048
EV3-neg_serv	BOBJ1	643.5619	After	Interior Girder 2	98.5619	0.95	1	1	8.011048
EV3-neg_serv	BOBJ1	643.5619	After	Right Exterior Girder	98.5619	0.95	1	1	7.904856
EV3-neg_serv	BOBJ1	646.25	Before	Left Exterior Girder	101.25	0.95	1	1	8.242591
EV3-neg_serv	BOBJ1	646.25	Before	Interior Girder 1	101.25	0.95	1	1	8.347772
EV3-neg_serv	BOBJ1	646.25	Before	Interior Girder 2	101.25	0.95	1	1	8.347772
EV3-neg_serv	BOBJ1	646.25	Before	Right Exterior Girder	101.25	0.95	1	1	8.242591
EV3-neg_serv	BOBJ1	646.25	After	Left Exterior Girder	101.25	0.95	1	1	8.235725
EV3-neg_serv	BOBJ1	646.25	After	Interior Girder 1	101.25	0.95	1	1	8.354403
EV3-neg_serv	BOBJ1	646.25	After	Interior Girder 2	101.25	0.95	1	1	8.354403
EV3-neg_serv	BOBJ1	646.25	After	Right Exterior Girder	101.25	0.95	1	1	8.235725
EV3-neg_serv	BOBJ1	657.5	Before	Left Exterior Girder	112.5	0.95	1	1	9.714786
EV3-neg_serv	BOBJ1	657.5	Before	Interior Girder 1	112.5	0.95	1	1	9.866614
EV3-neg_serv	BOBJ1	657.5	Before	Interior Girder 2	112.5	0.95	1	1	9.866614
EV3-neg_serv	BOBJ1	657.5	Before	Right Exterior Girder	112.5	0.95	1	1	9.714786
EV3-neg_serv	BOBJ1	657.5	After	Left Exterior Girder	112.5	0.95	1	1	9.641131
EV3-neg_serv	BOBJ1	657.5	After	Interior Girder 1	112.5	0.95	1	1	9.845639
EV3-neg_serv	BOBJ1	657.5	After	Interior Girder 2	112.5	0.95	1	1	9.845639
EV3-neg_serv	BOBJ1	657.5	After	Right Exterior Girder	112.5	0.95	1	1	9.641131
EV3-neg_serv	BOBJ1	668.75	Before	Left Exterior Girder	123.75	0.95	1	1	11.266749
EV3-neg_serv	BOBJ1	668.75	Before	Interior Girder 1	123.75	0.95	1	1	11.48512
EV3-neg_serv	BOBJ1	668.75	Before	Interior Girder 2	123.75	0.95	1	1	11.48512
EV3-neg_serv	BOBJ1	668.75	Before	Right Exterior Girder	123.75	0.95	1	1	11.266748

TABLE: Bridge Super Rating AASHTORATE18 26 - SteelINonCompServ-Flx - Main Span Girders									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
EV3-neg_serv	BOBJ1	668.75	After	Left Exterior Girder	123.75	0.95	1	1	11.251775
EV3-neg_serv	BOBJ1	668.75	After	Interior Girder 1	123.75	0.95	1	1	11.499676
EV3-neg_serv	BOBJ1	668.75	After	Interior Girder 2	123.75	0.95	1	1	11.499676
EV3-neg_serv	BOBJ1	668.75	After	Right Exterior Girder	123.75	0.95	1	1	11.251774
EV3-neg_serv	BOBJ1	680	Before	Left Exterior Girder	135	0.95	1	1	13.102733
EV3-neg_serv	BOBJ1	680	Before	Interior Girder 1	135	0.95	1	1	13.356474
EV3-neg_serv	BOBJ1	680	Before	Interior Girder 2	135	0.95	1	1	13.356474
EV3-neg_serv	BOBJ1	680	Before	Right Exterior Girder	135	0.95	1	1	13.102733
EV3-neg_serv	BOBJ1	680	After	Left Exterior Girder	135	0.95	1	1	13.012244
EV3-neg_serv	BOBJ1	680	After	Interior Girder 1	135	0.95	1	1	13.378812
EV3-neg_serv	BOBJ1	680	After	Interior Girder 2	135	0.95	1	1	13.378812
EV3-neg_serv	BOBJ1	680	After	Right Exterior Girder	135	0.95	1	1	13.012244
EV3-neg_serv	BOBJ1	691.25	Before	Left Exterior Girder	146.25	0.95	1	1	15.154255
EV3-neg_serv	BOBJ1	691.25	Before	Interior Girder 1	146.25	0.95	1	1	15.509566
EV3-neg_serv	BOBJ1	691.25	Before	Interior Girder 2	146.25	0.95	1	1	15.509566
EV3-neg_serv	BOBJ1	691.25	Before	Right Exterior Girder	146.25	0.95	1	1	15.154255
EV3-neg_serv	BOBJ1	691.25	After	Left Exterior Girder	146.25	0.95	1	1	15.124926
EV3-neg_serv	BOBJ1	691.25	After	Interior Girder 1	146.25	0.95	1	1	15.536527
EV3-neg_serv	BOBJ1	691.25	After	Interior Girder 2	146.25	0.95	1	1	15.536527
EV3-neg_serv	BOBJ1	691.25	After	Right Exterior Girder	146.25	0.95	1	1	15.124926
EV3-neg_serv	BOBJ1	702.5	Before	Left Exterior Girder	157.5	0.95	1	1	17.750851
EV3-neg_serv	BOBJ1	702.5	Before	Interior Girder 1	157.5	0.95	1	1	18.115117
EV3-neg_serv	BOBJ1	702.5	Before	Interior Girder 2	157.5	0.95	1	1	18.115117
EV3-neg_serv	BOBJ1	702.5	Before	Right Exterior Girder	157.5	0.95	1	1	17.750851
EV3-neg_serv	BOBJ1	702.5	After	Left Exterior Girder	157.5	0.95	1	1	17.542357
EV3-neg_serv	BOBJ1	702.5	After	Interior Girder 1	157.5	0.95	1	1	18.186744
EV3-neg_serv	BOBJ1	702.5	After	Interior Girder 2	157.5	0.95	1	1	18.186745
EV3-neg_serv	BOBJ1	702.5	After	Right Exterior Girder	157.5	0.95	1	1	17.542357
EV3-neg_serv	BOBJ1	713.75	Before	Left Exterior Girder	168.75	0.95	1	1	20.875468
EV3-neg_serv	BOBJ1	713.75	Before	Interior Girder 1	168.75	0.95	1	1	21.450701
EV3-neg_serv	BOBJ1	713.75	Before	Interior Girder 2	168.75	0.95	1	1	21.450701
EV3-neg_serv	BOBJ1	713.75	Before	Right Exterior Girder	168.75	0.95	1	1	20.875467
EV3-neg_serv	BOBJ1	713.75	After	Left Exterior Girder	168.75	0.95	1	1	20.82254
EV3-neg_serv	BOBJ1	713.75	After	Interior Girder 1	168.75	0.95	1	1	21.503328
EV3-neg_serv	BOBJ1	713.75	After	Interior Girder 2	168.75	0.95	1	1	21.503328
EV3-neg_serv	BOBJ1	713.75	After	Right Exterior Girder	168.75	0.95	1	1	20.822539
EV3-neg_serv	BOBJ1	725	Before	Left Exterior Girder	180	0.95	1	1	25.504481
EV3-neg_serv	BOBJ1	725	Before	Interior Girder 1	180	0.95	1	1	25.996392
EV3-neg_serv	BOBJ1	725	Before	Interior Girder 2	180	0.95	1	1	25.996393
EV3-neg_serv	BOBJ1	725	Before	Right Exterior Girder	180	0.95	1	1	25.504479
EV3-neg_serv	BOBJ1	725	After	Left Exterior Girder	180	0.95	1	1	25.044668
EV3-neg_serv	BOBJ1	725	After	Interior Girder 1	180	0.95	1	1	26.256759
EV3-neg_serv	BOBJ1	725	After	Interior Girder 2	180	0.95	1	1	26.256759
EV3-neg_serv	BOBJ1	725	After	Right Exterior Girder	180	0.95	1	1	25.044667
EV3-neg_serv	BOBJ1	731.1726	Before	Left Exterior Girder	186.1726	0.95	1	1	28.519205
EV3-neg_serv	BOBJ1	731.1726	Before	Interior Girder 1	186.1726	0.95	1	1	29.662396
EV3-neg_serv	BOBJ1	731.1726	Before	Interior Girder 2	186.1726	0.95	1	1	29.662396
EV3-neg_serv	BOBJ1	731.1726	Before	Right Exterior Girder	186.1726	0.95	1	1	28.519204
EV3-neg_serv	BOBJ1	731.1726	After	Left Exterior Girder	186.1726	0.95	1	1	20.027229
EV3-neg_serv	BOBJ1	731.1726	After	Interior Girder 1	186.1726	0.95	1	1	21.005327
EV3-neg_serv	BOBJ1	731.1726	After	Interior Girder 2	186.1726	0.95	1	1	21.005327
EV3-neg_serv	BOBJ1	731.1726	After	Right Exterior Girder	186.1726	0.95	1	1	20.027229
EV3-neg_serv	BOBJ1	736.25	Before	Left Exterior Girder	191.25	0.95	1	1	22.44381
EV3-neg_serv	BOBJ1	736.25	Before	Interior Girder 1	191.25	0.95	1	1	23.329344
EV3-neg_serv	BOBJ1	736.25	Before	Interior Girder 2	191.25	0.95	1	1	23.329344
EV3-neg_serv	BOBJ1	736.25	Before	Right Exterior Girder	191.25	0.95	1	1	22.443809
EV3-neg_serv	BOBJ1	736.25	After	Left Exterior Girder	191.25	0.95	1	1	22.387077
EV3-neg_serv	BOBJ1	736.25	After	Interior Girder 1	191.25	0.95	1	1	23.390559
EV3-neg_serv	BOBJ1	736.25	After	Interior Girder 2	191.25	0.95	1	1	23.390559
EV3-neg_serv	BOBJ1	736.25	After	Right Exterior Girder	191.25	0.95	1	1	22.387077
EV3-neg_serv	BOBJ1	747.5	Before	Left Exterior Girder	202.5	0.95	1	1	31.267825
EV3-neg_serv	BOBJ1	747.5	Before	Interior Girder 1	202.5	0.95	1	1	31.833723
EV3-neg_serv	BOBJ1	747.5	Before	Interior Girder 2	202.5	0.95	1	1	31.833723
EV3-neg_serv	BOBJ1	747.5	Before	Right Exterior Girder	202.5	0.95	1	1	31.267823
EV3-neg_serv	BOBJ1	747.5	After	Left Exterior Girder	202.5	0.95	1	1	29.903149
EV3-neg_serv	BOBJ1	747.5	After	Interior Girder 1	202.5	0.95	1	1	32.21146
EV3-neg_serv	BOBJ1	747.5	After	Interior Girder 2	202.5	0.95	1	1	32.211461
EV3-neg_serv	BOBJ1	747.5	After	Right Exterior Girder	202.5	0.95	1	1	29.903145
EV3-neg_serv	BOBJ1	758.75	Before	Left Exterior Girder	213.75	0.95	1	1	54.167373
EV3-neg_serv	BOBJ1	758.75	Before	Interior Girder 1	213.75	0.95	1	1	56.450562

TABLE: Bridge Super Rating AASHTORATE18 26 - SteelINonCompServ-Flx - Main Span Girders									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
EV3-neg_serv	BOBJ1	758.75	Before	Interior Girder 2	213.75	0.95	1	1	56.450561
EV3-neg_serv	BOBJ1	758.75	Before	Right Exterior Girder	213.75	0.95	1	1	54.16736
EV3-neg_serv	BOBJ1	758.75	After	Left Exterior Girder	213.75	0.95	1	1	53.694686
EV3-neg_serv	BOBJ1	758.75	After	Interior Girder 1	213.75	0.95	1	1	56.948482
EV3-neg_serv	BOBJ1	758.75	After	Interior Girder 2	213.75	0.95	1	1	56.948481
EV3-neg_serv	BOBJ1	758.75	After	Right Exterior Girder	213.75	0.95	1	1	53.694673
EV3-neg_serv	BOBJ1	770	Before	Left Exterior Girder	225	0.95	1	1	109.931288
EV3-neg_serv	BOBJ1	770	Before	Interior Girder 1	225	0.95	1	1	98.634751
EV3-neg_serv	BOBJ1	770	Before	Interior Girder 2	225	0.95	1	1	98.6344
EV3-neg_serv	BOBJ1	770	Before	Right Exterior Girder	225	0.95	1	1	109.931852
Gravel Truck_serv	BOBJ1	0	After	Left Exterior Girder	0	0.95	1	1	217.777539
Gravel Truck_serv	BOBJ1	0	After	Interior Girder 1	0	0.95	1	1	180.321207
Gravel Truck_serv	BOBJ1	0	After	Interior Girder 2	0	0.95	1	1	180.321007
Gravel Truck_serv	BOBJ1	0	After	Right Exterior Girder	0	0.95	1	1	217.777531
Gravel Truck_serv	BOBJ1	11.25	Before	Left Exterior Girder	11.25	0.95	1	1	10.454027
Gravel Truck_serv	BOBJ1	11.25	Before	Interior Girder 1	11.25	0.95	1	1	6.861131
Gravel Truck_serv	BOBJ1	11.25	Before	Interior Girder 2	11.25	0.95	1	1	6.861132
Gravel Truck_serv	BOBJ1	11.25	Before	Right Exterior Girder	11.25	0.95	1	1	10.454027
Gravel Truck_serv	BOBJ1	11.25	After	Left Exterior Girder	11.25	0.95	1	1	10.484745
Gravel Truck_serv	BOBJ1	11.25	After	Interior Girder 1	11.25	0.95	1	1	6.950794
Gravel Truck_serv	BOBJ1	11.25	After	Interior Girder 2	11.25	0.95	1	1	6.950795
Gravel Truck_serv	BOBJ1	11.25	After	Right Exterior Girder	11.25	0.95	1	1	10.484745
Gravel Truck_serv	BOBJ1	22.5	Before	Left Exterior Girder	22.5	0.95	1	1	4.455572
Gravel Truck_serv	BOBJ1	22.5	Before	Interior Girder 1	22.5	0.95	1	1	3.344304
Gravel Truck_serv	BOBJ1	22.5	Before	Interior Girder 2	22.5	0.95	1	1	3.344305
Gravel Truck_serv	BOBJ1	22.5	Before	Right Exterior Girder	22.5	0.95	1	1	4.455571
Gravel Truck_serv	BOBJ1	22.5	After	Left Exterior Girder	22.5	0.95	1	1	4.645494
Gravel Truck_serv	BOBJ1	22.5	After	Interior Girder 1	22.5	0.95	1	1	3.389305
Gravel Truck_serv	BOBJ1	22.5	After	Interior Girder 2	22.5	0.95	1	1	3.389305
Gravel Truck_serv	BOBJ1	22.5	After	Right Exterior Girder	22.5	0.95	1	1	4.645494
Gravel Truck_serv	BOBJ1	33.75	Before	Left Exterior Girder	33.75	0.95	1	1	2.672352
Gravel Truck_serv	BOBJ1	33.75	Before	Interior Girder 1	33.75	0.95	1	1	2.077387
Gravel Truck_serv	BOBJ1	33.75	Before	Interior Girder 2	33.75	0.95	1	1	2.077387
Gravel Truck_serv	BOBJ1	33.75	Before	Right Exterior Girder	33.75	0.95	1	1	2.672352
Gravel Truck_serv	BOBJ1	33.75	After	Left Exterior Girder	33.75	0.95	1	1	2.680346
Gravel Truck_serv	BOBJ1	33.75	After	Interior Girder 1	33.75	0.95	1	1	2.076628
Gravel Truck_serv	BOBJ1	33.75	After	Interior Girder 2	33.75	0.95	1	1	2.076628
Gravel Truck_serv	BOBJ1	33.75	After	Right Exterior Girder	33.75	0.95	1	1	2.680346
Gravel Truck_serv	BOBJ1	38.8274	Before	Left Exterior Girder	38.8274	0.95	1	1	2.175517
Gravel Truck_serv	BOBJ1	38.8274	Before	Interior Girder 1	38.8274	0.95	1	1	1.748862
Gravel Truck_serv	BOBJ1	38.8274	Before	Interior Girder 2	38.8274	0.95	1	1	1.748862
Gravel Truck_serv	BOBJ1	38.8274	Before	Right Exterior Girder	38.8274	0.95	1	1	2.175517
Gravel Truck_serv	BOBJ1	38.8274	After	Left Exterior Girder	38.8274	0.95	1	1	5.066632
Gravel Truck_serv	BOBJ1	38.8274	After	Interior Girder 1	38.8274	0.95	1	1	4.089474
Gravel Truck_serv	BOBJ1	38.8274	After	Interior Girder 2	38.8274	0.95	1	1	4.089474
Gravel Truck_serv	BOBJ1	38.8274	After	Right Exterior Girder	38.8274	0.95	1	1	5.066632
Gravel Truck_serv	BOBJ1	45	Before	Left Exterior Girder	45	0.95	1	1	4.331441
Gravel Truck_serv	BOBJ1	45	Before	Interior Girder 1	45	0.95	1	1	3.650789
Gravel Truck_serv	BOBJ1	45	Before	Interior Girder 2	45	0.95	1	1	3.650789
Gravel Truck_serv	BOBJ1	45	Before	Right Exterior Girder	45	0.95	1	1	4.331441
Gravel Truck_serv	BOBJ1	45	After	Left Exterior Girder	45	0.95	1	1	4.375483
Gravel Truck_serv	BOBJ1	45	After	Interior Girder 1	45	0.95	1	1	3.616537
Gravel Truck_serv	BOBJ1	45	After	Interior Girder 2	45	0.95	1	1	3.616537
Gravel Truck_serv	BOBJ1	45	After	Right Exterior Girder	45	0.95	1	1	4.375483
Gravel Truck_serv	BOBJ1	56.25	Before	Left Exterior Girder	56.25	0.95	1	1	3.59706
Gravel Truck_serv	BOBJ1	56.25	Before	Interior Girder 1	56.25	0.95	1	1	3.056551
Gravel Truck_serv	BOBJ1	56.25	Before	Interior Girder 2	56.25	0.95	1	1	3.056551
Gravel Truck_serv	BOBJ1	56.25	Before	Right Exterior Girder	56.25	0.95	1	1	3.59706
Gravel Truck_serv	BOBJ1	56.25	After	Left Exterior Girder	56.25	0.95	1	1	3.59652
Gravel Truck_serv	BOBJ1	56.25	After	Interior Girder 1	56.25	0.95	1	1	3.055253
Gravel Truck_serv	BOBJ1	56.25	After	Interior Girder 2	56.25	0.95	1	1	3.055253
Gravel Truck_serv	BOBJ1	56.25	After	Right Exterior Girder	56.25	0.95	1	1	3.59652
Gravel Truck_serv	BOBJ1	67.5	Before	Left Exterior Girder	67.5	0.95	1	1	3.181088
Gravel Truck_serv	BOBJ1	67.5	Before	Interior Girder 1	67.5	0.95	1	1	2.825757
Gravel Truck_serv	BOBJ1	67.5	Before	Interior Girder 2	67.5	0.95	1	1	2.825757
Gravel Truck_serv	BOBJ1	67.5	Before	Right Exterior Girder	67.5	0.95	1	1	3.181088
Gravel Truck_serv	BOBJ1	67.5	After	Left Exterior Girder	67.5	0.95	1	1	3.209232
Gravel Truck_serv	BOBJ1	67.5	After	Interior Girder 1	67.5	0.95	1	1	2.813394
Gravel Truck_serv	BOBJ1	67.5	After	Interior Girder 2	67.5	0.95	1	1	2.813394
Gravel Truck_serv	BOBJ1	67.5	After	Right Exterior Girder	67.5	0.95	1	1	3.209232

TABLE: Bridge Super Rating AASHTORATE18 26 - SteelINonCompServ-Flx - Main Span Girders									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Gravel Truck_serv	BOBJ1	78.75	Before	Left Exterior Girder	78.75	0.95	1	1	3.086083
Gravel Truck_serv	BOBJ1	78.75	Before	Interior Girder 1	78.75	0.95	1	1	2.715343
Gravel Truck_serv	BOBJ1	78.75	Before	Interior Girder 2	78.75	0.95	1	1	2.715342
Gravel Truck_serv	BOBJ1	78.75	Before	Right Exterior Girder	78.75	0.95	1	1	3.086083
Gravel Truck_serv	BOBJ1	78.75	After	Left Exterior Girder	78.75	0.95	1	1	3.08304
Gravel Truck_serv	BOBJ1	78.75	After	Interior Girder 1	78.75	0.95	1	1	2.716679
Gravel Truck_serv	BOBJ1	78.75	After	Interior Girder 2	78.75	0.95	1	1	2.716678
Gravel Truck_serv	BOBJ1	78.75	After	Right Exterior Girder	78.75	0.95	1	1	3.08304
Gravel Truck_serv	BOBJ1	90	Before	Left Exterior Girder	90	0.95	1	1	3.139523
Gravel Truck_serv	BOBJ1	90	Before	Interior Girder 1	90	0.95	1	1	2.82733
Gravel Truck_serv	BOBJ1	90	Before	Interior Girder 2	90	0.95	1	1	2.82733
Gravel Truck_serv	BOBJ1	90	Before	Right Exterior Girder	90	0.95	1	1	3.139523
Gravel Truck_serv	BOBJ1	90	After	Left Exterior Girder	90	0.95	1	1	3.140976
Gravel Truck_serv	BOBJ1	90	After	Interior Girder 1	90	0.95	1	1	2.821801
Gravel Truck_serv	BOBJ1	90	After	Interior Girder 2	90	0.95	1	1	2.821801
Gravel Truck_serv	BOBJ1	90	After	Right Exterior Girder	90	0.95	1	1	3.140976
Gravel Truck_serv	BOBJ1	101.25	Before	Left Exterior Girder	101.25	0.95	1	1	3.424842
Gravel Truck_serv	BOBJ1	101.25	Before	Interior Girder 1	101.25	0.95	1	1	3.026276
Gravel Truck_serv	BOBJ1	101.25	Before	Interior Girder 2	101.25	0.95	1	1	3.026276
Gravel Truck_serv	BOBJ1	101.25	Before	Right Exterior Girder	101.25	0.95	1	1	3.424842
Gravel Truck_serv	BOBJ1	101.25	After	Left Exterior Girder	101.25	0.95	1	1	3.420288
Gravel Truck_serv	BOBJ1	101.25	After	Interior Girder 1	101.25	0.95	1	1	3.024389
Gravel Truck_serv	BOBJ1	101.25	After	Interior Girder 2	101.25	0.95	1	1	3.024389
Gravel Truck_serv	BOBJ1	101.25	After	Right Exterior Girder	101.25	0.95	1	1	3.420288
Gravel Truck_serv	BOBJ1	112.5	Before	Left Exterior Girder	112.5	0.95	1	1	3.884769
Gravel Truck_serv	BOBJ1	112.5	Before	Interior Girder 1	112.5	0.95	1	1	3.450618
Gravel Truck_serv	BOBJ1	112.5	Before	Interior Girder 2	112.5	0.95	1	1	3.450618
Gravel Truck_serv	BOBJ1	112.5	Before	Right Exterior Girder	112.5	0.95	1	1	3.884769
Gravel Truck_serv	BOBJ1	112.5	After	Left Exterior Girder	112.5	0.95	1	1	3.860758
Gravel Truck_serv	BOBJ1	112.5	After	Interior Girder 1	112.5	0.95	1	1	3.447388
Gravel Truck_serv	BOBJ1	112.5	After	Interior Girder 2	112.5	0.95	1	1	3.447388
Gravel Truck_serv	BOBJ1	112.5	After	Right Exterior Girder	112.5	0.95	1	1	3.860758
Gravel Truck_serv	BOBJ1	123.75	Before	Left Exterior Girder	123.75	0.95	1	1	4.654368
Gravel Truck_serv	BOBJ1	123.75	Before	Interior Girder 1	123.75	0.95	1	1	4.043352
Gravel Truck_serv	BOBJ1	123.75	Before	Interior Girder 2	123.75	0.95	1	1	4.043352
Gravel Truck_serv	BOBJ1	123.75	Before	Right Exterior Girder	123.75	0.95	1	1	4.654368
Gravel Truck_serv	BOBJ1	123.75	After	Left Exterior Girder	123.75	0.95	1	1	4.657221
Gravel Truck_serv	BOBJ1	123.75	After	Interior Girder 1	123.75	0.95	1	1	4.04238
Gravel Truck_serv	BOBJ1	123.75	After	Interior Girder 2	123.75	0.95	1	1	4.04238
Gravel Truck_serv	BOBJ1	123.75	After	Right Exterior Girder	123.75	0.95	1	1	4.657221
Gravel Truck_serv	BOBJ1	126.4381	Before	Left Exterior Girder	126.4381	0.95	1	1	4.896503
Gravel Truck_serv	BOBJ1	126.4381	Before	Interior Girder 1	126.4381	0.95	1	1	4.231154
Gravel Truck_serv	BOBJ1	126.4381	Before	Interior Girder 2	126.4381	0.95	1	1	4.231154
Gravel Truck_serv	BOBJ1	126.4381	Before	Right Exterior Girder	126.4381	0.95	1	1	4.896503
Gravel Truck_serv	BOBJ1	126.4381	After	Left Exterior Girder	126.4381	0.95	1	1	2.587334
Gravel Truck_serv	BOBJ1	126.4381	After	Interior Girder 1	126.4381	0.95	1	1	2.239678
Gravel Truck_serv	BOBJ1	126.4381	After	Interior Girder 2	126.4381	0.95	1	1	2.239679
Gravel Truck_serv	BOBJ1	126.4381	After	Right Exterior Girder	126.4381	0.95	1	1	2.587334
Gravel Truck_serv	BOBJ1	135	Before	Left Exterior Girder	135	0.95	1	1	3.307313
Gravel Truck_serv	BOBJ1	135	Before	Interior Girder 1	135	0.95	1	1	2.833462
Gravel Truck_serv	BOBJ1	135	Before	Interior Girder 2	135	0.95	1	1	2.833462
Gravel Truck_serv	BOBJ1	135	Before	Right Exterior Girder	135	0.95	1	1	3.307313
Gravel Truck_serv	BOBJ1	135	After	Left Exterior Girder	135	0.95	1	1	3.250549
Gravel Truck_serv	BOBJ1	135	After	Interior Girder 1	135	0.95	1	1	2.820318
Gravel Truck_serv	BOBJ1	135	After	Interior Girder 2	135	0.95	1	1	2.820318
Gravel Truck_serv	BOBJ1	135	After	Right Exterior Girder	135	0.95	1	1	3.250548
Gravel Truck_serv	BOBJ1	146.25	Before	Left Exterior Girder	146.25	0.95	1	1	4.648738
Gravel Truck_serv	BOBJ1	146.25	Before	Interior Girder 1	146.25	0.95	1	1	3.839442
Gravel Truck_serv	BOBJ1	146.25	Before	Interior Girder 2	146.25	0.95	1	1	3.839442
Gravel Truck_serv	BOBJ1	146.25	Before	Right Exterior Girder	146.25	0.95	1	1	4.648739
Gravel Truck_serv	BOBJ1	146.25	After	Left Exterior Girder	146.25	0.95	1	1	4.645757
Gravel Truck_serv	BOBJ1	146.25	After	Interior Girder 1	146.25	0.95	1	1	3.843181
Gravel Truck_serv	BOBJ1	146.25	After	Interior Girder 2	146.25	0.95	1	1	3.84318
Gravel Truck_serv	BOBJ1	146.25	After	Right Exterior Girder	146.25	0.95	1	1	4.645757
Gravel Truck_serv	BOBJ1	157.5	Before	Left Exterior Girder	157.5	0.95	1	1	5.110125
Gravel Truck_serv	BOBJ1	157.5	Before	Interior Girder 1	157.5	0.95	1	1	5.088751
Gravel Truck_serv	BOBJ1	157.5	Before	Interior Girder 2	157.5	0.95	1	1	5.088751
Gravel Truck_serv	BOBJ1	157.5	Before	Right Exterior Girder	157.5	0.95	1	1	5.110126
Gravel Truck_serv	BOBJ1	157.5	After	Left Exterior Girder	157.5	0.95	1	1	5.154967
Gravel Truck_serv	BOBJ1	157.5	After	Interior Girder 1	157.5	0.95	1	1	5.115772

TABLE: Bridge Super Rating AASHTORATE18 26 - SteelINonCompServ-Flx - Main Span Girders									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Gravel Truck_serv	BOBJ1	157.5	After	Interior Girder 2	157.5	0.95	1	1	5.115771
Gravel Truck_serv	BOBJ1	157.5	After	Right Exterior Girder	157.5	0.95	1	1	5.154967
Gravel Truck_serv	BOBJ1	168.2522	Before	Left Exterior Girder	168.2522	0.95	1	1	3.206167
Gravel Truck_serv	BOBJ1	168.2522	Before	Interior Girder 1	168.2522	0.95	1	1	3.147539
Gravel Truck_serv	BOBJ1	168.2522	Before	Interior Girder 2	168.2522	0.95	1	1	3.147539
Gravel Truck_serv	BOBJ1	168.2522	Before	Right Exterior Girder	168.2522	0.95	1	1	3.206167
Gravel Truck_serv	BOBJ1	168.2522	After	Left Exterior Girder	168.2522	0.95	1	1	8.061735
Gravel Truck_serv	BOBJ1	168.2522	After	Interior Girder 1	168.2522	0.95	1	1	7.854365
Gravel Truck_serv	BOBJ1	168.2522	After	Interior Girder 2	168.2522	0.95	1	1	7.854364
Gravel Truck_serv	BOBJ1	168.2522	After	Right Exterior Girder	168.2522	0.95	1	1	8.061735
Gravel Truck_serv	BOBJ1	168.75	Before	Left Exterior Girder	168.75	0.95	1	1	7.954557
Gravel Truck_serv	BOBJ1	168.75	Before	Interior Girder 1	168.75	0.95	1	1	7.755025
Gravel Truck_serv	BOBJ1	168.75	Before	Interior Girder 2	168.75	0.95	1	1	7.755024
Gravel Truck_serv	BOBJ1	168.75	Before	Right Exterior Girder	168.75	0.95	1	1	7.954557
Gravel Truck_serv	BOBJ1	168.75	After	Left Exterior Girder	168.75	0.95	1	1	7.96534
Gravel Truck_serv	BOBJ1	168.75	After	Interior Girder 1	168.75	0.95	1	1	7.7455
Gravel Truck_serv	BOBJ1	168.75	After	Interior Girder 2	168.75	0.95	1	1	7.7455
Gravel Truck_serv	BOBJ1	168.75	After	Right Exterior Girder	168.75	0.95	1	1	7.96534
Gravel Truck_serv	BOBJ1	180	Before	Left Exterior Girder	180	0.95	1	1	5.696138
Gravel Truck_serv	BOBJ1	180	Before	Interior Girder 1	180	0.95	1	1	5.461005
Gravel Truck_serv	BOBJ1	180	Before	Interior Girder 2	180	0.95	1	1	5.461005
Gravel Truck_serv	BOBJ1	180	Before	Right Exterior Girder	180	0.95	1	1	5.696139
Gravel Truck_serv	BOBJ1	180	After	Left Exterior Girder	180	0.95	1	1	5.669206
Gravel Truck_serv	BOBJ1	180	After	Interior Girder 1	180	0.95	1	1	5.443375
Gravel Truck_serv	BOBJ1	180	After	Interior Girder 2	180	0.95	1	1	5.443375
Gravel Truck_serv	BOBJ1	180	After	Right Exterior Girder	180	0.95	1	1	5.669206
Gravel Truck_serv	BOBJ1	183.1858	Before	Left Exterior Girder	183.1858	0.95	1	1	5.038217
Gravel Truck_serv	BOBJ1	183.1858	Before	Interior Girder 1	183.1858	0.95	1	1	4.812933
Gravel Truck_serv	BOBJ1	183.1858	Before	Interior Girder 2	183.1858	0.95	1	1	4.812933
Gravel Truck_serv	BOBJ1	183.1858	Before	Right Exterior Girder	183.1858	0.95	1	1	5.038217
Gravel Truck_serv	BOBJ1	183.1858	After	Left Exterior Girder	183.1858	0.95	1	1	10.54725
Gravel Truck_serv	BOBJ1	183.1858	After	Interior Girder 1	183.1858	0.95	1	1	10.039807
Gravel Truck_serv	BOBJ1	183.1858	After	Interior Girder 2	183.1858	0.95	1	1	10.039808
Gravel Truck_serv	BOBJ1	183.1858	After	Right Exterior Girder	183.1858	0.95	1	1	10.54725
Gravel Truck_serv	BOBJ1	191.25	Before	Left Exterior Girder	191.25	0.95	1	1	8.761313
Gravel Truck_serv	BOBJ1	191.25	Before	Interior Girder 1	191.25	0.95	1	1	8.201349
Gravel Truck_serv	BOBJ1	191.25	Before	Interior Girder 2	191.25	0.95	1	1	8.201349
Gravel Truck_serv	BOBJ1	191.25	Before	Right Exterior Girder	191.25	0.95	1	1	8.761313
Gravel Truck_serv	BOBJ1	191.25	After	Left Exterior Girder	191.25	0.95	1	1	8.780262
Gravel Truck_serv	BOBJ1	191.25	After	Interior Girder 1	191.25	0.95	1	1	8.188729
Gravel Truck_serv	BOBJ1	191.25	After	Interior Girder 2	191.25	0.95	1	1	8.188729
Gravel Truck_serv	BOBJ1	191.25	After	Right Exterior Girder	191.25	0.95	1	1	8.780262
Gravel Truck_serv	BOBJ1	199.9414	Before	Left Exterior Girder	199.9414	0.95	1	1	6.798971
Gravel Truck_serv	BOBJ1	199.9414	Before	Interior Girder 1	199.9414	0.95	1	1	6.290661
Gravel Truck_serv	BOBJ1	199.9414	Before	Interior Girder 2	199.9414	0.95	1	1	6.290662
Gravel Truck_serv	BOBJ1	199.9414	Before	Right Exterior Girder	199.9414	0.95	1	1	6.798971
Gravel Truck_serv	BOBJ1	199.9414	After	Left Exterior Girder	199.9414	0.95	1	1	11.121259
Gravel Truck_serv	BOBJ1	199.9414	After	Interior Girder 1	199.9414	0.95	1	1	10.269275
Gravel Truck_serv	BOBJ1	199.9414	After	Interior Girder 2	199.9414	0.95	1	1	10.269275
Gravel Truck_serv	BOBJ1	199.9414	After	Right Exterior Girder	199.9414	0.95	1	1	11.121259
Gravel Truck_serv	BOBJ1	202.5	Before	Left Exterior Girder	202.5	0.95	1	1	10.236161
Gravel Truck_serv	BOBJ1	202.5	Before	Interior Girder 1	202.5	0.95	1	1	9.6581
Gravel Truck_serv	BOBJ1	202.5	Before	Interior Girder 2	202.5	0.95	1	1	9.658101
Gravel Truck_serv	BOBJ1	202.5	Before	Right Exterior Girder	202.5	0.95	1	1	10.236161
Gravel Truck_serv	BOBJ1	202.5	After	Left Exterior Girder	202.5	0.95	1	1	10.501951
Gravel Truck_serv	BOBJ1	202.5	After	Interior Girder 1	202.5	0.95	1	1	9.673093
Gravel Truck_serv	BOBJ1	202.5	After	Interior Girder 2	202.5	0.95	1	1	9.673093
Gravel Truck_serv	BOBJ1	202.5	After	Right Exterior Girder	202.5	0.95	1	1	10.501951
Gravel Truck_serv	BOBJ1	210.5642	Before	Left Exterior Girder	210.5642	0.95	1	1	7.881954
Gravel Truck_serv	BOBJ1	210.5642	Before	Interior Girder 1	210.5642	0.95	1	1	7.550554
Gravel Truck_serv	BOBJ1	210.5642	Before	Interior Girder 2	210.5642	0.95	1	1	7.550554
Gravel Truck_serv	BOBJ1	210.5642	Before	Right Exterior Girder	210.5642	0.95	1	1	7.881954
Gravel Truck_serv	BOBJ1	210.5642	After	Left Exterior Girder	210.5642	0.95	1	1	11.650433
Gravel Truck_serv	BOBJ1	210.5642	After	Interior Girder 1	210.5642	0.95	1	1	11.173173
Gravel Truck_serv	BOBJ1	210.5642	After	Interior Girder 2	210.5642	0.95	1	1	11.173173
Gravel Truck_serv	BOBJ1	210.5642	After	Right Exterior Girder	210.5642	0.95	1	1	11.650433
Gravel Truck_serv	BOBJ1	213.75	Before	Left Exterior Girder	213.75	0.95	1	1	10.477374
Gravel Truck_serv	BOBJ1	213.75	Before	Interior Girder 1	213.75	0.95	1	1	9.902487
Gravel Truck_serv	BOBJ1	213.75	Before	Interior Girder 2	213.75	0.95	1	1	9.902486
Gravel Truck_serv	BOBJ1	213.75	Before	Right Exterior Girder	213.75	0.95	1	1	10.477374

TABLE: Bridge Super Rating AASHTORATE18 26 - SteelNonCompServ-Flx - Main Span Girders									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Gravel Truck_serv	BOBJ1	213.75	After	Left Exterior Girder	213.75	0.95	1	1	10.464486
Gravel Truck_serv	BOBJ1	213.75	After	Interior Girder 1	213.75	0.95	1	1	9.883655
Gravel Truck_serv	BOBJ1	213.75	After	Interior Girder 2	213.75	0.95	1	1	9.883654
Gravel Truck_serv	BOBJ1	213.75	After	Right Exterior Girder	213.75	0.95	1	1	10.464486
Gravel Truck_serv	BOBJ1	225	Before	Left Exterior Girder	225	0.95	1	1	6.643769
Gravel Truck_serv	BOBJ1	225	Before	Interior Girder 1	225	0.95	1	1	6.022065
Gravel Truck_serv	BOBJ1	225	Before	Interior Girder 2	225	0.95	1	1	6.022065
Gravel Truck_serv	BOBJ1	225	Before	Right Exterior Girder	225	0.95	1	1	6.643769
Gravel Truck_serv	BOBJ1	225	After	Left Exterior Girder	0	0.95	1	1	6.32717
Gravel Truck_serv	BOBJ1	225	After	Interior Girder 1	0	0.95	1	1	5.845769
Gravel Truck_serv	BOBJ1	225	After	Interior Girder 2	0	0.95	1	1	5.845769
Gravel Truck_serv	BOBJ1	225	After	Right Exterior Girder	0	0.95	1	1	6.32717
Gravel Truck_serv	BOBJ1	236.45	Before	Left Exterior Girder	11.45	0.95	1	1	10.572795
Gravel Truck_serv	BOBJ1	236.45	Before	Interior Girder 1	11.45	0.95	1	1	10.520513
Gravel Truck_serv	BOBJ1	236.45	Before	Interior Girder 2	11.45	0.95	1	1	10.520513
Gravel Truck_serv	BOBJ1	236.45	Before	Right Exterior Girder	11.45	0.95	1	1	10.572795
Gravel Truck_serv	BOBJ1	236.45	After	Left Exterior Girder	11.45	0.95	1	1	10.594533
Gravel Truck_serv	BOBJ1	236.45	After	Interior Girder 1	11.45	0.95	1	1	10.526525
Gravel Truck_serv	BOBJ1	236.45	After	Interior Girder 2	11.45	0.95	1	1	10.526525
Gravel Truck_serv	BOBJ1	236.45	After	Right Exterior Girder	11.45	0.95	1	1	10.594533
Gravel Truck_serv	BOBJ1	239.5082	Before	Left Exterior Girder	14.5082	0.95	1	1	12.038231
Gravel Truck_serv	BOBJ1	239.5082	Before	Interior Girder 1	14.5082	0.95	1	1	12.024717
Gravel Truck_serv	BOBJ1	239.5082	Before	Interior Girder 2	14.5082	0.95	1	1	12.024718
Gravel Truck_serv	BOBJ1	239.5082	Before	Right Exterior Girder	14.5082	0.95	1	1	12.03823
Gravel Truck_serv	BOBJ1	239.5082	After	Left Exterior Girder	14.5082	0.95	1	1	8.192438
Gravel Truck_serv	BOBJ1	239.5082	After	Interior Girder 1	14.5082	0.95	1	1	8.189465
Gravel Truck_serv	BOBJ1	239.5082	After	Interior Girder 2	14.5082	0.95	1	1	8.189465
Gravel Truck_serv	BOBJ1	239.5082	After	Right Exterior Girder	14.5082	0.95	1	1	8.192437
Gravel Truck_serv	BOBJ1	247.9	Before	Left Exterior Girder	22.9	0.95	1	1	12.008965
Gravel Truck_serv	BOBJ1	247.9	Before	Interior Girder 1	22.9	0.95	1	1	11.866028
Gravel Truck_serv	BOBJ1	247.9	Before	Interior Girder 2	22.9	0.95	1	1	11.866027
Gravel Truck_serv	BOBJ1	247.9	Before	Right Exterior Girder	22.9	0.95	1	1	12.008965
Gravel Truck_serv	BOBJ1	247.9	After	Left Exterior Girder	22.9	0.95	1	1	11.724346
Gravel Truck_serv	BOBJ1	247.9	After	Interior Girder 1	22.9	0.95	1	1	11.87907
Gravel Truck_serv	BOBJ1	247.9	After	Interior Girder 2	22.9	0.95	1	1	11.879069
Gravel Truck_serv	BOBJ1	247.9	After	Right Exterior Girder	22.9	0.95	1	1	11.724346
Gravel Truck_serv	BOBJ1	258.5189	Before	Left Exterior Girder	33.5189	0.95	1	1	16.254255
Gravel Truck_serv	BOBJ1	258.5189	Before	Interior Girder 1	33.5189	0.95	1	1	15.17953
Gravel Truck_serv	BOBJ1	258.5189	Before	Interior Girder 2	33.5189	0.95	1	1	15.179529
Gravel Truck_serv	BOBJ1	258.5189	Before	Right Exterior Girder	33.5189	0.95	1	1	16.254255
Gravel Truck_serv	BOBJ1	258.5189	After	Left Exterior Girder	33.5189	0.95	1	1	11.285962
Gravel Truck_serv	BOBJ1	258.5189	After	Interior Girder 1	33.5189	0.95	1	1	10.426175
Gravel Truck_serv	BOBJ1	258.5189	After	Interior Girder 2	33.5189	0.95	1	1	10.426175
Gravel Truck_serv	BOBJ1	258.5189	After	Right Exterior Girder	33.5189	0.95	1	1	11.285962
Gravel Truck_serv	BOBJ1	259.3	Before	Left Exterior Girder	34.3	0.95	1	1	11.517752
Gravel Truck_serv	BOBJ1	259.3	Before	Interior Girder 1	34.3	0.95	1	1	10.653363
Gravel Truck_serv	BOBJ1	259.3	Before	Interior Girder 2	34.3	0.95	1	1	10.653363
Gravel Truck_serv	BOBJ1	259.3	Before	Right Exterior Girder	34.3	0.95	1	1	11.517752
Gravel Truck_serv	BOBJ1	259.3	After	Left Exterior Girder	34.3	0.95	1	1	11.512263
Gravel Truck_serv	BOBJ1	259.3	After	Interior Girder 1	34.3	0.95	1	1	10.658134
Gravel Truck_serv	BOBJ1	259.3	After	Interior Girder 2	34.3	0.95	1	1	10.658134
Gravel Truck_serv	BOBJ1	259.3	After	Right Exterior Girder	34.3	0.95	1	1	11.512263
Gravel Truck_serv	BOBJ1	266.1031	Before	Left Exterior Girder	41.1031	0.95	1	1	13.468869
Gravel Truck_serv	BOBJ1	266.1031	Before	Interior Girder 1	41.1031	0.95	1	1	12.670612
Gravel Truck_serv	BOBJ1	266.1031	Before	Interior Girder 2	41.1031	0.95	1	1	12.670611
Gravel Truck_serv	BOBJ1	266.1031	Before	Right Exterior Girder	41.1031	0.95	1	1	13.46887
Gravel Truck_serv	BOBJ1	266.1031	After	Left Exterior Girder	41.1031	0.95	1	1	7.226805
Gravel Truck_serv	BOBJ1	266.1031	After	Interior Girder 1	41.1031	0.95	1	1	6.803173
Gravel Truck_serv	BOBJ1	266.1031	After	Interior Girder 2	41.1031	0.95	1	1	6.803173
Gravel Truck_serv	BOBJ1	266.1031	After	Right Exterior Girder	41.1031	0.95	1	1	7.226805
Gravel Truck_serv	BOBJ1	270.7	Before	Left Exterior Girder	45.7	0.95	1	1	8.451787
Gravel Truck_serv	BOBJ1	270.7	Before	Interior Girder 1	45.7	0.95	1	1	8.040224
Gravel Truck_serv	BOBJ1	270.7	Before	Interior Girder 2	45.7	0.95	1	1	8.040224
Gravel Truck_serv	BOBJ1	270.7	Before	Right Exterior Girder	45.7	0.95	1	1	8.451787
Gravel Truck_serv	BOBJ1	270.7	After	Left Exterior Girder	45.7	0.95	1	1	8.512366
Gravel Truck_serv	BOBJ1	270.7	After	Interior Girder 1	45.7	0.95	1	1	8.087591
Gravel Truck_serv	BOBJ1	270.7	After	Interior Girder 2	45.7	0.95	1	1	8.087591
Gravel Truck_serv	BOBJ1	270.7	After	Right Exterior Girder	45.7	0.95	1	1	8.512366
Gravel Truck_serv	BOBJ1	273.6874	Before	Left Exterior Girder	48.6874	0.95	1	1	9.325721
Gravel Truck_serv	BOBJ1	273.6874	Before	Interior Girder 1	48.6874	0.95	1	1	8.895835

TABLE: Bridge Super Rating AASHTORATE18 26 - SteelINonCompServ-Flx - Main Span Girders									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Gravel Truck_serv	BOBJ1	273.6874	Before	Interior Girder 2	48.6874	0.95	1	1	8.895835
Gravel Truck_serv	BOBJ1	273.6874	Before	Right Exterior Girder	48.6874	0.95	1	1	9.325721
Gravel Truck_serv	BOBJ1	273.6874	After	Left Exterior Girder	48.6874	0.95	1	1	4.014336
Gravel Truck_serv	BOBJ1	273.6874	After	Interior Girder 1	48.6874	0.95	1	1	3.856644
Gravel Truck_serv	BOBJ1	273.6874	After	Interior Girder 2	48.6874	0.95	1	1	3.856644
Gravel Truck_serv	BOBJ1	273.6874	After	Right Exterior Girder	48.6874	0.95	1	1	4.014336
Gravel Truck_serv	BOBJ1	282.15	Before	Left Exterior Girder	57.15	0.95	1	1	6.152509
Gravel Truck_serv	BOBJ1	282.15	Before	Interior Girder 1	57.15	0.95	1	1	5.953213
Gravel Truck_serv	BOBJ1	282.15	Before	Interior Girder 2	57.15	0.95	1	1	5.953213
Gravel Truck_serv	BOBJ1	282.15	Before	Right Exterior Girder	57.15	0.95	1	1	6.152509
Gravel Truck_serv	BOBJ1	282.15	After	Left Exterior Girder	57.15	0.95	1	1	6.143711
Gravel Truck_serv	BOBJ1	282.15	After	Interior Girder 1	57.15	0.95	1	1	5.96674
Gravel Truck_serv	BOBJ1	282.15	After	Interior Girder 2	57.15	0.95	1	1	5.96674
Gravel Truck_serv	BOBJ1	282.15	After	Right Exterior Girder	57.15	0.95	1	1	6.14371
Gravel Truck_serv	BOBJ1	293.6	Before	Left Exterior Girder	68.6	0.95	1	1	4.546801
Gravel Truck_serv	BOBJ1	293.6	Before	Interior Girder 1	68.6	0.95	1	1	3.596509
Gravel Truck_serv	BOBJ1	293.6	Before	Interior Girder 2	68.6	0.95	1	1	3.596509
Gravel Truck_serv	BOBJ1	293.6	Before	Right Exterior Girder	68.6	0.95	1	1	4.546801
Gravel Truck_serv	BOBJ1	293.6	After	Left Exterior Girder	68.6	0.95	1	1	4.698194
Gravel Truck_serv	BOBJ1	293.6	After	Interior Girder 1	68.6	0.95	1	1	3.661474
Gravel Truck_serv	BOBJ1	293.6	After	Interior Girder 2	68.6	0.95	1	1	3.661474
Gravel Truck_serv	BOBJ1	293.6	After	Right Exterior Girder	68.6	0.95	1	1	4.698194
Gravel Truck_serv	BOBJ1	305	Before	Left Exterior Girder	80	0.95	1	1	2.554174
Gravel Truck_serv	BOBJ1	305	Before	Interior Girder 1	80	0.95	1	1	2.038831
Gravel Truck_serv	BOBJ1	305	Before	Interior Girder 2	80	0.95	1	1	2.038831
Gravel Truck_serv	BOBJ1	305	Before	Right Exterior Girder	80	0.95	1	1	2.554174
Gravel Truck_serv	BOBJ1	305	After	Left Exterior Girder	80	0.95	1	1	2.553079
Gravel Truck_serv	BOBJ1	305	After	Interior Girder 1	80	0.95	1	1	2.037776
Gravel Truck_serv	BOBJ1	305	After	Interior Girder 2	80	0.95	1	1	2.037776
Gravel Truck_serv	BOBJ1	305	After	Right Exterior Girder	80	0.95	1	1	2.553079
Gravel Truck_serv	BOBJ1	306.9561	Before	Left Exterior Girder	81.9561	0.95	1	1	2.264261
Gravel Truck_serv	BOBJ1	306.9561	Before	Interior Girder 1	81.9561	0.95	1	1	1.82663
Gravel Truck_serv	BOBJ1	306.9561	Before	Interior Girder 2	81.9561	0.95	1	1	1.82663
Gravel Truck_serv	BOBJ1	306.9561	Before	Right Exterior Girder	81.9561	0.95	1	1	2.264261
Gravel Truck_serv	BOBJ1	306.9561	After	Left Exterior Girder	81.9561	0.95	1	1	5.923907
Gravel Truck_serv	BOBJ1	306.9561	After	Interior Girder 1	81.9561	0.95	1	1	4.836206
Gravel Truck_serv	BOBJ1	306.9561	After	Interior Girder 2	81.9561	0.95	1	1	4.836206
Gravel Truck_serv	BOBJ1	306.9561	After	Right Exterior Girder	81.9561	0.95	1	1	5.923907
Gravel Truck_serv	BOBJ1	316.4	Before	Left Exterior Girder	91.4	0.95	1	1	4.362551
Gravel Truck_serv	BOBJ1	316.4	Before	Interior Girder 1	91.4	0.95	1	1	3.700642
Gravel Truck_serv	BOBJ1	316.4	Before	Interior Girder 2	91.4	0.95	1	1	3.700642
Gravel Truck_serv	BOBJ1	316.4	Before	Right Exterior Girder	91.4	0.95	1	1	4.362551
Gravel Truck_serv	BOBJ1	316.4	After	Left Exterior Girder	91.4	0.95	1	1	4.416867
Gravel Truck_serv	BOBJ1	316.4	After	Interior Girder 1	91.4	0.95	1	1	3.694874
Gravel Truck_serv	BOBJ1	316.4	After	Interior Girder 2	91.4	0.95	1	1	3.694874
Gravel Truck_serv	BOBJ1	316.4	After	Right Exterior Girder	91.4	0.95	1	1	4.416867
Gravel Truck_serv	BOBJ1	327.85	Before	Left Exterior Girder	102.9679	0.95	1	1	3.169363
Gravel Truck_serv	BOBJ1	327.85	Before	Interior Girder 1	102.9679	0.95	1	1	2.668911
Gravel Truck_serv	BOBJ1	327.85	Before	Interior Girder 2	102.9679	0.95	1	1	2.668912
Gravel Truck_serv	BOBJ1	327.85	Before	Right Exterior Girder	102.9679	0.95	1	1	3.169363
Gravel Truck_serv	BOBJ1	327.85	After	Left Exterior Girder	102.9679	0.95	1	1	6.120775
Gravel Truck_serv	BOBJ1	327.85	After	Interior Girder 1	102.9679	0.95	1	1	5.243953
Gravel Truck_serv	BOBJ1	327.85	After	Interior Girder 2	102.9679	0.95	1	1	5.243953
Gravel Truck_serv	BOBJ1	327.85	After	Right Exterior Girder	102.9679	0.95	1	1	6.120775
Gravel Truck_serv	BOBJ1	339.3	Before	Left Exterior Girder	114.3	0.95	1	1	4.98478
Gravel Truck_serv	BOBJ1	339.3	Before	Interior Girder 1	114.3	0.95	1	1	4.390343
Gravel Truck_serv	BOBJ1	339.3	Before	Interior Girder 2	114.3	0.95	1	1	4.390343
Gravel Truck_serv	BOBJ1	339.3	Before	Right Exterior Girder	114.3	0.95	1	1	4.98478
Gravel Truck_serv	BOBJ1	339.3	After	Left Exterior Girder	114.3	0.95	1	1	5.017074
Gravel Truck_serv	BOBJ1	339.3	After	Interior Girder 1	114.3	0.95	1	1	4.393097
Gravel Truck_serv	BOBJ1	339.3	After	Interior Girder 2	114.3	0.95	1	1	4.393097
Gravel Truck_serv	BOBJ1	339.3	After	Right Exterior Girder	114.3	0.95	1	1	5.017074
Gravel Truck_serv	BOBJ1	350.7	Before	Left Exterior Girder	125.7	0.95	1	1	4.306288
Gravel Truck_serv	BOBJ1	350.7	Before	Interior Girder 1	125.7	0.95	1	1	3.763353
Gravel Truck_serv	BOBJ1	350.7	Before	Interior Girder 2	125.7	0.95	1	1	3.763354
Gravel Truck_serv	BOBJ1	350.7	Before	Right Exterior Girder	125.7	0.95	1	1	4.306288
Gravel Truck_serv	BOBJ1	350.7	After	Left Exterior Girder	125.7	0.95	1	1	4.303799
Gravel Truck_serv	BOBJ1	350.7	After	Interior Girder 1	125.7	0.95	1	1	3.766784
Gravel Truck_serv	BOBJ1	350.7	After	Interior Girder 2	125.7	0.95	1	1	3.766784
Gravel Truck_serv	BOBJ1	350.7	After	Right Exterior Girder	125.7	0.95	1	1	4.303799

TABLE: Bridge Super Rating AASHTORATE18 26 - SteelINonCompServ-Flx - Main Span Girders									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Gravel Truck_serv	BOBJ1	362.1	Before	Left Exterior Girder	137.1	0.95	1	1	3.814451
Gravel Truck_serv	BOBJ1	362.1	Before	Interior Girder 1	137.1	0.95	1	1	3.400005
Gravel Truck_serv	BOBJ1	362.1	Before	Interior Girder 2	137.1	0.95	1	1	3.400005
Gravel Truck_serv	BOBJ1	362.1	Before	Right Exterior Girder	137.1	0.95	1	1	3.814451
Gravel Truck_serv	BOBJ1	362.1	After	Left Exterior Girder	137.1	0.95	1	1	3.831623
Gravel Truck_serv	BOBJ1	362.1	After	Interior Girder 1	137.1	0.95	1	1	3.40655
Gravel Truck_serv	BOBJ1	362.1	After	Interior Girder 2	137.1	0.95	1	1	3.40655
Gravel Truck_serv	BOBJ1	362.1	After	Right Exterior Girder	137.1	0.95	1	1	3.831623
Gravel Truck_serv	BOBJ1	373.55	Before	Left Exterior Girder	148.55	0.95	1	1	3.585956
Gravel Truck_serv	BOBJ1	373.55	Before	Interior Girder 1	148.55	0.95	1	1	3.168097
Gravel Truck_serv	BOBJ1	373.55	Before	Interior Girder 2	148.55	0.95	1	1	3.168097
Gravel Truck_serv	BOBJ1	373.55	Before	Right Exterior Girder	148.55	0.95	1	1	3.585956
Gravel Truck_serv	BOBJ1	373.55	After	Left Exterior Girder	148.55	0.95	1	1	3.584343
Gravel Truck_serv	BOBJ1	373.55	After	Interior Girder 1	148.55	0.95	1	1	3.170309
Gravel Truck_serv	BOBJ1	373.55	After	Interior Girder 2	148.55	0.95	1	1	3.170309
Gravel Truck_serv	BOBJ1	373.55	After	Right Exterior Girder	148.55	0.95	1	1	3.584343
Gravel Truck_serv	BOBJ1	385	Before	Left Exterior Girder	160	0.95	1	1	3.485325
Gravel Truck_serv	BOBJ1	385	Before	Interior Girder 1	160	0.95	1	1	3.115881
Gravel Truck_serv	BOBJ1	385	Before	Interior Girder 2	160	0.95	1	1	3.115881
Gravel Truck_serv	BOBJ1	385	Before	Right Exterior Girder	160	0.95	1	1	3.485325
Gravel Truck_serv	BOBJ1	385	After	Left Exterior Girder	160	0.95	1	1	3.485325
Gravel Truck_serv	BOBJ1	385	After	Interior Girder 1	160	0.95	1	1	3.115881
Gravel Truck_serv	BOBJ1	385	After	Interior Girder 2	160	0.95	1	1	3.115881
Gravel Truck_serv	BOBJ1	385	After	Right Exterior Girder	160	0.95	1	1	3.485325
Gravel Truck_serv	BOBJ1	396.45	Before	Left Exterior Girder	171.45	0.95	1	1	3.584343
Gravel Truck_serv	BOBJ1	396.45	Before	Interior Girder 1	171.45	0.95	1	1	3.170309
Gravel Truck_serv	BOBJ1	396.45	Before	Interior Girder 2	171.45	0.95	1	1	3.170309
Gravel Truck_serv	BOBJ1	396.45	Before	Right Exterior Girder	171.45	0.95	1	1	3.584343
Gravel Truck_serv	BOBJ1	396.45	After	Left Exterior Girder	171.45	0.95	1	1	3.585956
Gravel Truck_serv	BOBJ1	396.45	After	Interior Girder 1	171.45	0.95	1	1	3.168097
Gravel Truck_serv	BOBJ1	396.45	After	Interior Girder 2	171.45	0.95	1	1	3.168097
Gravel Truck_serv	BOBJ1	396.45	After	Right Exterior Girder	171.45	0.95	1	1	3.585956
Gravel Truck_serv	BOBJ1	407.9	Before	Left Exterior Girder	182.9	0.95	1	1	3.831623
Gravel Truck_serv	BOBJ1	407.9	Before	Interior Girder 1	182.9	0.95	1	1	3.40655
Gravel Truck_serv	BOBJ1	407.9	Before	Interior Girder 2	182.9	0.95	1	1	3.40655
Gravel Truck_serv	BOBJ1	407.9	Before	Right Exterior Girder	182.9	0.95	1	1	3.831623
Gravel Truck_serv	BOBJ1	407.9	After	Left Exterior Girder	182.9	0.95	1	1	3.814451
Gravel Truck_serv	BOBJ1	407.9	After	Interior Girder 1	182.9	0.95	1	1	3.400005
Gravel Truck_serv	BOBJ1	407.9	After	Interior Girder 2	182.9	0.95	1	1	3.400005
Gravel Truck_serv	BOBJ1	407.9	After	Right Exterior Girder	182.9	0.95	1	1	3.814451
Gravel Truck_serv	BOBJ1	419.3	Before	Left Exterior Girder	194.3	0.95	1	1	4.303799
Gravel Truck_serv	BOBJ1	419.3	Before	Interior Girder 1	194.3	0.95	1	1	3.766783
Gravel Truck_serv	BOBJ1	419.3	Before	Interior Girder 2	194.3	0.95	1	1	3.766783
Gravel Truck_serv	BOBJ1	419.3	Before	Right Exterior Girder	194.3	0.95	1	1	4.303799
Gravel Truck_serv	BOBJ1	419.3	After	Left Exterior Girder	194.3	0.95	1	1	4.306288
Gravel Truck_serv	BOBJ1	419.3	After	Interior Girder 1	194.3	0.95	1	1	3.763353
Gravel Truck_serv	BOBJ1	419.3	After	Interior Girder 2	194.3	0.95	1	1	3.763353
Gravel Truck_serv	BOBJ1	419.3	After	Right Exterior Girder	194.3	0.95	1	1	4.306288
Gravel Truck_serv	BOBJ1	430.7	Before	Left Exterior Girder	205.7	0.95	1	1	5.017074
Gravel Truck_serv	BOBJ1	430.7	Before	Interior Girder 1	205.7	0.95	1	1	4.393097
Gravel Truck_serv	BOBJ1	430.7	Before	Interior Girder 2	205.7	0.95	1	1	4.393097
Gravel Truck_serv	BOBJ1	430.7	Before	Right Exterior Girder	205.7	0.95	1	1	5.017074
Gravel Truck_serv	BOBJ1	430.7	After	Left Exterior Girder	205.7	0.95	1	1	4.98478
Gravel Truck_serv	BOBJ1	430.7	After	Interior Girder 1	205.7	0.95	1	1	4.390343
Gravel Truck_serv	BOBJ1	430.7	After	Interior Girder 2	205.7	0.95	1	1	4.390343
Gravel Truck_serv	BOBJ1	430.7	After	Right Exterior Girder	205.7	0.95	1	1	4.98478
Gravel Truck_serv	BOBJ1	442.15	Before	Left Exterior Girder	217.0321	0.95	1	1	6.110759
Gravel Truck_serv	BOBJ1	442.15	Before	Interior Girder 1	217.0321	0.95	1	1	5.244092
Gravel Truck_serv	BOBJ1	442.15	Before	Interior Girder 2	217.0321	0.95	1	1	5.244092
Gravel Truck_serv	BOBJ1	442.15	Before	Right Exterior Girder	217.0321	0.95	1	1	6.110759
Gravel Truck_serv	BOBJ1	442.15	After	Left Exterior Girder	217.0321	0.95	1	1	3.164971
Gravel Truck_serv	BOBJ1	442.15	After	Interior Girder 1	217.0321	0.95	1	1	2.668156
Gravel Truck_serv	BOBJ1	442.15	After	Interior Girder 2	217.0321	0.95	1	1	2.668156
Gravel Truck_serv	BOBJ1	442.15	After	Right Exterior Girder	217.0321	0.95	1	1	3.164971
Gravel Truck_serv	BOBJ1	453.6	Before	Left Exterior Girder	228.6	0.95	1	1	4.416867
Gravel Truck_serv	BOBJ1	453.6	Before	Interior Girder 1	228.6	0.95	1	1	3.694874
Gravel Truck_serv	BOBJ1	453.6	Before	Interior Girder 2	228.6	0.95	1	1	3.694874
Gravel Truck_serv	BOBJ1	453.6	Before	Right Exterior Girder	228.6	0.95	1	1	4.416867
Gravel Truck_serv	BOBJ1	453.6	After	Left Exterior Girder	228.6	0.95	1	1	4.36255
Gravel Truck_serv	BOBJ1	453.6	After	Interior Girder 1	228.6	0.95	1	1	3.700642

TABLE: Bridge Super Rating AASHTORATE18 26 - SteelINonCompServ-Flx - Main Span Girders									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Gravel Truck_serv	BOBJ1	453.6	After	Interior Girder 2	228.6	0.95	1	1	3.700642
Gravel Truck_serv	BOBJ1	453.6	After	Right Exterior Girder	228.6	0.95	1	1	4.36255
Gravel Truck_serv	BOBJ1	463.0439	Before	Left Exterior Girder	238.0439	0.95	1	1	5.906694
Gravel Truck_serv	BOBJ1	463.0439	Before	Interior Girder 1	238.0439	0.95	1	1	4.836162
Gravel Truck_serv	BOBJ1	463.0439	Before	Interior Girder 2	238.0439	0.95	1	1	4.836163
Gravel Truck_serv	BOBJ1	463.0439	Before	Right Exterior Girder	238.0439	0.95	1	1	5.906694
Gravel Truck_serv	BOBJ1	463.0439	After	Left Exterior Girder	238.0439	0.95	1	1	2.25839
Gravel Truck_serv	BOBJ1	463.0439	After	Interior Girder 1	238.0439	0.95	1	1	1.825868
Gravel Truck_serv	BOBJ1	463.0439	After	Interior Girder 2	238.0439	0.95	1	1	1.825868
Gravel Truck_serv	BOBJ1	463.0439	After	Right Exterior Girder	238.0439	0.95	1	1	2.25839
Gravel Truck_serv	BOBJ1	465	Before	Left Exterior Girder	240	0.95	1	1	2.553078
Gravel Truck_serv	BOBJ1	465	Before	Interior Girder 1	240	0.95	1	1	2.037776
Gravel Truck_serv	BOBJ1	465	Before	Interior Girder 2	240	0.95	1	1	2.037776
Gravel Truck_serv	BOBJ1	465	Before	Right Exterior Girder	240	0.95	1	1	2.553078
Gravel Truck_serv	BOBJ1	465	After	Left Exterior Girder	240	0.95	1	1	2.554174
Gravel Truck_serv	BOBJ1	465	After	Interior Girder 1	240	0.95	1	1	2.038831
Gravel Truck_serv	BOBJ1	465	After	Interior Girder 2	240	0.95	1	1	2.038831
Gravel Truck_serv	BOBJ1	465	After	Right Exterior Girder	240	0.95	1	1	2.554174
Gravel Truck_serv	BOBJ1	476.4	Before	Left Exterior Girder	251.4	0.95	1	1	4.698194
Gravel Truck_serv	BOBJ1	476.4	Before	Interior Girder 1	251.4	0.95	1	1	3.661474
Gravel Truck_serv	BOBJ1	476.4	Before	Interior Girder 2	251.4	0.95	1	1	3.661475
Gravel Truck_serv	BOBJ1	476.4	Before	Right Exterior Girder	251.4	0.95	1	1	4.698194
Gravel Truck_serv	BOBJ1	476.4	After	Left Exterior Girder	251.4	0.95	1	1	4.546801
Gravel Truck_serv	BOBJ1	476.4	After	Interior Girder 1	251.4	0.95	1	1	3.596509
Gravel Truck_serv	BOBJ1	476.4	After	Interior Girder 2	251.4	0.95	1	1	3.596509
Gravel Truck_serv	BOBJ1	476.4	After	Right Exterior Girder	251.4	0.95	1	1	4.546801
Gravel Truck_serv	BOBJ1	487.85	Before	Left Exterior Girder	262.85	0.95	1	1	6.14371
Gravel Truck_serv	BOBJ1	487.85	Before	Interior Girder 1	262.85	0.95	1	1	5.96674
Gravel Truck_serv	BOBJ1	487.85	Before	Interior Girder 2	262.85	0.95	1	1	5.966741
Gravel Truck_serv	BOBJ1	487.85	Before	Right Exterior Girder	262.85	0.95	1	1	6.14371
Gravel Truck_serv	BOBJ1	487.85	After	Left Exterior Girder	262.85	0.95	1	1	6.152509
Gravel Truck_serv	BOBJ1	487.85	After	Interior Girder 1	262.85	0.95	1	1	5.953213
Gravel Truck_serv	BOBJ1	487.85	After	Interior Girder 2	262.85	0.95	1	1	5.953213
Gravel Truck_serv	BOBJ1	487.85	After	Right Exterior Girder	262.85	0.95	1	1	6.152509
Gravel Truck_serv	BOBJ1	496.3126	Before	Left Exterior Girder	271.3126	0.95	1	1	4.015424
Gravel Truck_serv	BOBJ1	496.3126	Before	Interior Girder 1	271.3126	0.95	1	1	3.860323
Gravel Truck_serv	BOBJ1	496.3126	Before	Interior Girder 2	271.3126	0.95	1	1	3.860323
Gravel Truck_serv	BOBJ1	496.3126	Before	Right Exterior Girder	271.3126	0.95	1	1	4.015424
Gravel Truck_serv	BOBJ1	496.3126	After	Left Exterior Girder	271.3126	0.95	1	1	9.329179
Gravel Truck_serv	BOBJ1	496.3126	After	Interior Girder 1	271.3126	0.95	1	1	8.903169
Gravel Truck_serv	BOBJ1	496.3126	After	Interior Girder 2	271.3126	0.95	1	1	8.903169
Gravel Truck_serv	BOBJ1	496.3126	After	Right Exterior Girder	271.3126	0.95	1	1	9.329179
Gravel Truck_serv	BOBJ1	499.3	Before	Left Exterior Girder	274.3	0.95	1	1	8.512366
Gravel Truck_serv	BOBJ1	499.3	Before	Interior Girder 1	274.3	0.95	1	1	8.087591
Gravel Truck_serv	BOBJ1	499.3	Before	Interior Girder 2	274.3	0.95	1	1	8.087591
Gravel Truck_serv	BOBJ1	499.3	Before	Right Exterior Girder	274.3	0.95	1	1	8.512366
Gravel Truck_serv	BOBJ1	499.3	After	Left Exterior Girder	274.3	0.95	1	1	8.451787
Gravel Truck_serv	BOBJ1	499.3	After	Interior Girder 1	274.3	0.95	1	1	8.040224
Gravel Truck_serv	BOBJ1	499.3	After	Interior Girder 2	274.3	0.95	1	1	8.040224
Gravel Truck_serv	BOBJ1	499.3	After	Right Exterior Girder	274.3	0.95	1	1	8.451787
Gravel Truck_serv	BOBJ1	503.8969	Before	Left Exterior Girder	278.8969	0.95	1	1	7.226805
Gravel Truck_serv	BOBJ1	503.8969	Before	Interior Girder 1	278.8969	0.95	1	1	6.803173
Gravel Truck_serv	BOBJ1	503.8969	Before	Interior Girder 2	278.8969	0.95	1	1	6.803172
Gravel Truck_serv	BOBJ1	503.8969	Before	Right Exterior Girder	278.8969	0.95	1	1	7.226805
Gravel Truck_serv	BOBJ1	503.8969	After	Left Exterior Girder	278.8969	0.95	1	1	13.468869
Gravel Truck_serv	BOBJ1	503.8969	After	Interior Girder 1	278.8969	0.95	1	1	12.670611
Gravel Truck_serv	BOBJ1	503.8969	After	Interior Girder 2	278.8969	0.95	1	1	12.670611
Gravel Truck_serv	BOBJ1	503.8969	After	Right Exterior Girder	278.8969	0.95	1	1	13.468869
Gravel Truck_serv	BOBJ1	510.7	Before	Left Exterior Girder	285.7	0.95	1	1	11.512263
Gravel Truck_serv	BOBJ1	510.7	Before	Interior Girder 1	285.7	0.95	1	1	10.658134
Gravel Truck_serv	BOBJ1	510.7	Before	Interior Girder 2	285.7	0.95	1	1	10.658133
Gravel Truck_serv	BOBJ1	510.7	Before	Right Exterior Girder	285.7	0.95	1	1	11.512263
Gravel Truck_serv	BOBJ1	510.7	After	Left Exterior Girder	285.7	0.95	1	1	11.517752
Gravel Truck_serv	BOBJ1	510.7	After	Interior Girder 1	285.7	0.95	1	1	10.653363
Gravel Truck_serv	BOBJ1	510.7	After	Interior Girder 2	285.7	0.95	1	1	10.653362
Gravel Truck_serv	BOBJ1	510.7	After	Right Exterior Girder	285.7	0.95	1	1	11.517752
Gravel Truck_serv	BOBJ1	511.4811	Before	Left Exterior Girder	286.4811	0.95	1	1	11.288272
Gravel Truck_serv	BOBJ1	511.4811	Before	Interior Girder 1	286.4811	0.95	1	1	10.431512
Gravel Truck_serv	BOBJ1	511.4811	Before	Interior Girder 2	286.4811	0.95	1	1	10.431511
Gravel Truck_serv	BOBJ1	511.4811	Before	Right Exterior Girder	286.4811	0.95	1	1	11.288272

TABLE: Bridge Super Rating AASHTORATE18 26 - SteelNonCompServ-Flx - Main Span Girders									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Gravel Truck_serv	BOBJ1	511.4811	After	Left Exterior Girder	286.4811	0.95	1	1	16.298278
Gravel Truck_serv	BOBJ1	511.4811	After	Interior Girder 1	286.4811	0.95	1	1	15.185978
Gravel Truck_serv	BOBJ1	511.4811	After	Interior Girder 2	286.4811	0.95	1	1	15.185978
Gravel Truck_serv	BOBJ1	511.4811	After	Right Exterior Girder	286.4811	0.95	1	1	16.298279
Gravel Truck_serv	BOBJ1	522.1	Before	Left Exterior Girder	297.1	0.95	1	1	11.724347
Gravel Truck_serv	BOBJ1	522.1	Before	Interior Girder 1	297.1	0.95	1	1	11.87907
Gravel Truck_serv	BOBJ1	522.1	Before	Interior Girder 2	297.1	0.95	1	1	11.879069
Gravel Truck_serv	BOBJ1	522.1	Before	Right Exterior Girder	297.1	0.95	1	1	11.724346
Gravel Truck_serv	BOBJ1	522.1	After	Left Exterior Girder	297.1	0.95	1	1	12.008965
Gravel Truck_serv	BOBJ1	522.1	After	Interior Girder 1	297.1	0.95	1	1	11.866028
Gravel Truck_serv	BOBJ1	522.1	After	Interior Girder 2	297.1	0.95	1	1	11.866027
Gravel Truck_serv	BOBJ1	522.1	After	Right Exterior Girder	297.1	0.95	1	1	12.008965
Gravel Truck_serv	BOBJ1	530.4918	Before	Left Exterior Girder	305.4918	0.95	1	1	8.192438
Gravel Truck_serv	BOBJ1	530.4918	Before	Interior Girder 1	305.4918	0.95	1	1	8.189465
Gravel Truck_serv	BOBJ1	530.4918	Before	Interior Girder 2	305.4918	0.95	1	1	8.189465
Gravel Truck_serv	BOBJ1	530.4918	Before	Right Exterior Girder	305.4918	0.95	1	1	8.192438
Gravel Truck_serv	BOBJ1	530.4918	After	Left Exterior Girder	305.4918	0.95	1	1	12.038231
Gravel Truck_serv	BOBJ1	530.4918	After	Interior Girder 1	305.4918	0.95	1	1	12.024716
Gravel Truck_serv	BOBJ1	530.4918	After	Interior Girder 2	305.4918	0.95	1	1	12.024718
Gravel Truck_serv	BOBJ1	530.4918	After	Right Exterior Girder	305.4918	0.95	1	1	12.038231
Gravel Truck_serv	BOBJ1	533.55	Before	Left Exterior Girder	308.55	0.95	1	1	10.594534
Gravel Truck_serv	BOBJ1	533.55	Before	Interior Girder 1	308.55	0.95	1	1	10.526524
Gravel Truck_serv	BOBJ1	533.55	Before	Interior Girder 2	308.55	0.95	1	1	10.526525
Gravel Truck_serv	BOBJ1	533.55	Before	Right Exterior Girder	308.55	0.95	1	1	10.594534
Gravel Truck_serv	BOBJ1	533.55	After	Left Exterior Girder	308.55	0.95	1	1	10.572796
Gravel Truck_serv	BOBJ1	533.55	After	Interior Girder 1	308.55	0.95	1	1	10.520512
Gravel Truck_serv	BOBJ1	533.55	After	Interior Girder 2	308.55	0.95	1	1	10.520513
Gravel Truck_serv	BOBJ1	533.55	After	Right Exterior Girder	308.55	0.95	1	1	10.572795
Gravel Truck_serv	BOBJ1	545	Before	Left Exterior Girder	320	0.95	1	1	6.32717
Gravel Truck_serv	BOBJ1	545	Before	Interior Girder 1	320	0.95	1	1	5.845769
Gravel Truck_serv	BOBJ1	545	Before	Interior Girder 2	320	0.95	1	1	5.84577
Gravel Truck_serv	BOBJ1	545	Before	Right Exterior Girder	320	0.95	1	1	6.32717
Gravel Truck_serv	BOBJ1	545	After	Left Exterior Girder	0	0.95	1	1	6.643769
Gravel Truck_serv	BOBJ1	545	After	Interior Girder 1	0	0.95	1	1	6.023706
Gravel Truck_serv	BOBJ1	545	After	Interior Girder 2	0	0.95	1	1	6.023706
Gravel Truck_serv	BOBJ1	545	After	Right Exterior Girder	0	0.95	1	1	6.643769
Gravel Truck_serv	BOBJ1	556.25	Before	Left Exterior Girder	11.25	0.95	1	1	10.464486
Gravel Truck_serv	BOBJ1	556.25	Before	Interior Girder 1	11.25	0.95	1	1	9.883654
Gravel Truck_serv	BOBJ1	556.25	Before	Interior Girder 2	11.25	0.95	1	1	9.883654
Gravel Truck_serv	BOBJ1	556.25	Before	Right Exterior Girder	11.25	0.95	1	1	10.464486
Gravel Truck_serv	BOBJ1	556.25	After	Left Exterior Girder	11.25	0.95	1	1	10.477374
Gravel Truck_serv	BOBJ1	556.25	After	Interior Girder 1	11.25	0.95	1	1	9.902486
Gravel Truck_serv	BOBJ1	556.25	After	Interior Girder 2	11.25	0.95	1	1	9.902486
Gravel Truck_serv	BOBJ1	556.25	After	Right Exterior Girder	11.25	0.95	1	1	10.477374
Gravel Truck_serv	BOBJ1	559.4358	Before	Left Exterior Girder	14.4358	0.95	1	1	11.650433
Gravel Truck_serv	BOBJ1	559.4358	Before	Interior Girder 1	14.4358	0.95	1	1	11.173173
Gravel Truck_serv	BOBJ1	559.4358	Before	Interior Girder 2	14.4358	0.95	1	1	11.173173
Gravel Truck_serv	BOBJ1	559.4358	Before	Right Exterior Girder	14.4358	0.95	1	1	11.650433
Gravel Truck_serv	BOBJ1	559.4358	After	Left Exterior Girder	14.4358	0.95	1	1	7.881954
Gravel Truck_serv	BOBJ1	559.4358	After	Interior Girder 1	14.4358	0.95	1	1	7.550555
Gravel Truck_serv	BOBJ1	559.4358	After	Interior Girder 2	14.4358	0.95	1	1	7.550555
Gravel Truck_serv	BOBJ1	559.4358	After	Right Exterior Girder	14.4358	0.95	1	1	7.881954
Gravel Truck_serv	BOBJ1	567.5	Before	Left Exterior Girder	22.5	0.95	1	1	10.501952
Gravel Truck_serv	BOBJ1	567.5	Before	Interior Girder 1	22.5	0.95	1	1	9.673093
Gravel Truck_serv	BOBJ1	567.5	Before	Interior Girder 2	22.5	0.95	1	1	9.673094
Gravel Truck_serv	BOBJ1	567.5	Before	Right Exterior Girder	22.5	0.95	1	1	10.501952
Gravel Truck_serv	BOBJ1	567.5	After	Left Exterior Girder	22.5	0.95	1	1	10.236162
Gravel Truck_serv	BOBJ1	567.5	After	Interior Girder 1	22.5	0.95	1	1	9.658101
Gravel Truck_serv	BOBJ1	567.5	After	Interior Girder 2	22.5	0.95	1	1	9.658101
Gravel Truck_serv	BOBJ1	567.5	After	Right Exterior Girder	22.5	0.95	1	1	10.236162
Gravel Truck_serv	BOBJ1	570.0586	Before	Left Exterior Girder	25.0586	0.95	1	1	11.129278
Gravel Truck_serv	BOBJ1	570.0586	Before	Interior Girder 1	25.0586	0.95	1	1	10.264326
Gravel Truck_serv	BOBJ1	570.0586	Before	Interior Girder 2	25.0586	0.95	1	1	10.264326
Gravel Truck_serv	BOBJ1	570.0586	Before	Right Exterior Girder	25.0586	0.95	1	1	11.129278
Gravel Truck_serv	BOBJ1	570.0586	After	Left Exterior Girder	25.0586	0.95	1	1	6.804411
Gravel Truck_serv	BOBJ1	570.0586	After	Interior Girder 1	25.0586	0.95	1	1	6.286408
Gravel Truck_serv	BOBJ1	570.0586	After	Interior Girder 2	25.0586	0.95	1	1	6.286408
Gravel Truck_serv	BOBJ1	570.0586	After	Right Exterior Girder	25.0586	0.95	1	1	6.80441
Gravel Truck_serv	BOBJ1	578.75	Before	Left Exterior Girder	33.75	0.95	1	1	8.780262
Gravel Truck_serv	BOBJ1	578.75	Before	Interior Girder 1	33.75	0.95	1	1	8.188729

TABLE: Bridge Super Rating AASHTORATE18 26 - SteelINonCompServ-Flx - Main Span Girders									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Gravel Truck_serv	BOBJ1	578.75	Before	Interior Girder 2	33.75	0.95	1	1	8.188729
Gravel Truck_serv	BOBJ1	578.75	Before	Right Exterior Girder	33.75	0.95	1	1	8.780262
Gravel Truck_serv	BOBJ1	578.75	After	Left Exterior Girder	33.75	0.95	1	1	8.761313
Gravel Truck_serv	BOBJ1	578.75	After	Interior Girder 1	33.75	0.95	1	1	8.201349
Gravel Truck_serv	BOBJ1	578.75	After	Interior Girder 2	33.75	0.95	1	1	8.201349
Gravel Truck_serv	BOBJ1	578.75	After	Right Exterior Girder	33.75	0.95	1	1	8.761313
Gravel Truck_serv	BOBJ1	586.8142	Before	Left Exterior Girder	41.8142	0.95	1	1	10.554005
Gravel Truck_serv	BOBJ1	586.8142	Before	Interior Girder 1	41.8142	0.95	1	1	10.033713
Gravel Truck_serv	BOBJ1	586.8142	Before	Interior Girder 2	41.8142	0.95	1	1	10.033713
Gravel Truck_serv	BOBJ1	586.8142	Before	Right Exterior Girder	41.8142	0.95	1	1	10.554005
Gravel Truck_serv	BOBJ1	586.8142	After	Left Exterior Girder	41.8142	0.95	1	1	5.042663
Gravel Truck_serv	BOBJ1	586.8142	After	Interior Girder 1	41.8142	0.95	1	1	4.808601
Gravel Truck_serv	BOBJ1	586.8142	After	Interior Girder 2	41.8142	0.95	1	1	4.808601
Gravel Truck_serv	BOBJ1	586.8142	After	Right Exterior Girder	41.8142	0.95	1	1	5.042662
Gravel Truck_serv	BOBJ1	590	Before	Left Exterior Girder	45	0.95	1	1	5.669206
Gravel Truck_serv	BOBJ1	590	Before	Interior Girder 1	45	0.95	1	1	5.443376
Gravel Truck_serv	BOBJ1	590	Before	Interior Girder 2	45	0.95	1	1	5.443375
Gravel Truck_serv	BOBJ1	590	Before	Right Exterior Girder	45	0.95	1	1	5.669206
Gravel Truck_serv	BOBJ1	590	After	Left Exterior Girder	45	0.95	1	1	5.696138
Gravel Truck_serv	BOBJ1	590	After	Interior Girder 1	45	0.95	1	1	5.461005
Gravel Truck_serv	BOBJ1	590	After	Interior Girder 2	45	0.95	1	1	5.461005
Gravel Truck_serv	BOBJ1	590	After	Right Exterior Girder	45	0.95	1	1	5.696138
Gravel Truck_serv	BOBJ1	601.25	Before	Left Exterior Girder	56.25	0.95	1	1	7.96534
Gravel Truck_serv	BOBJ1	601.25	Before	Interior Girder 1	56.25	0.95	1	1	7.7455
Gravel Truck_serv	BOBJ1	601.25	Before	Interior Girder 2	56.25	0.95	1	1	7.7455
Gravel Truck_serv	BOBJ1	601.25	Before	Right Exterior Girder	56.25	0.95	1	1	7.96534
Gravel Truck_serv	BOBJ1	601.25	After	Left Exterior Girder	56.25	0.95	1	1	7.954557
Gravel Truck_serv	BOBJ1	601.25	After	Interior Girder 1	56.25	0.95	1	1	7.755024
Gravel Truck_serv	BOBJ1	601.25	After	Interior Girder 2	56.25	0.95	1	1	7.755024
Gravel Truck_serv	BOBJ1	601.25	After	Right Exterior Girder	56.25	0.95	1	1	7.954557
Gravel Truck_serv	BOBJ1	601.7478	Before	Left Exterior Girder	56.7478	0.95	1	1	8.056565
Gravel Truck_serv	BOBJ1	601.7478	Before	Interior Girder 1	56.7478	0.95	1	1	7.86078
Gravel Truck_serv	BOBJ1	601.7478	Before	Interior Girder 2	56.7478	0.95	1	1	7.86078
Gravel Truck_serv	BOBJ1	601.7478	Before	Right Exterior Girder	56.7478	0.95	1	1	8.056565
Gravel Truck_serv	BOBJ1	601.7478	After	Left Exterior Girder	56.7478	0.95	1	1	3.203463
Gravel Truck_serv	BOBJ1	601.7478	After	Interior Girder 1	56.7478	0.95	1	1	3.151102
Gravel Truck_serv	BOBJ1	601.7478	After	Interior Girder 2	56.7478	0.95	1	1	3.151102
Gravel Truck_serv	BOBJ1	601.7478	After	Right Exterior Girder	56.7478	0.95	1	1	3.203463
Gravel Truck_serv	BOBJ1	612.5	Before	Left Exterior Girder	67.5	0.95	1	1	5.154967
Gravel Truck_serv	BOBJ1	612.5	Before	Interior Girder 1	67.5	0.95	1	1	5.115772
Gravel Truck_serv	BOBJ1	612.5	Before	Interior Girder 2	67.5	0.95	1	1	5.115772
Gravel Truck_serv	BOBJ1	612.5	Before	Right Exterior Girder	67.5	0.95	1	1	5.154967
Gravel Truck_serv	BOBJ1	612.5	After	Left Exterior Girder	67.5	0.95	1	1	5.110126
Gravel Truck_serv	BOBJ1	612.5	After	Interior Girder 1	67.5	0.95	1	1	5.08875
Gravel Truck_serv	BOBJ1	612.5	After	Interior Girder 2	67.5	0.95	1	1	5.08875
Gravel Truck_serv	BOBJ1	612.5	After	Right Exterior Girder	67.5	0.95	1	1	5.110126
Gravel Truck_serv	BOBJ1	623.75	Before	Left Exterior Girder	78.75	0.95	1	1	4.645757
Gravel Truck_serv	BOBJ1	623.75	Before	Interior Girder 1	78.75	0.95	1	1	3.843181
Gravel Truck_serv	BOBJ1	623.75	Before	Interior Girder 2	78.75	0.95	1	1	3.84318
Gravel Truck_serv	BOBJ1	623.75	Before	Right Exterior Girder	78.75	0.95	1	1	4.645757
Gravel Truck_serv	BOBJ1	623.75	After	Left Exterior Girder	78.75	0.95	1	1	4.648739
Gravel Truck_serv	BOBJ1	623.75	After	Interior Girder 1	78.75	0.95	1	1	3.839442
Gravel Truck_serv	BOBJ1	623.75	After	Interior Girder 2	78.75	0.95	1	1	3.839442
Gravel Truck_serv	BOBJ1	623.75	After	Right Exterior Girder	78.75	0.95	1	1	4.648739
Gravel Truck_serv	BOBJ1	635	Before	Left Exterior Girder	90	0.95	1	1	3.250549
Gravel Truck_serv	BOBJ1	635	Before	Interior Girder 1	90	0.95	1	1	2.820318
Gravel Truck_serv	BOBJ1	635	Before	Interior Girder 2	90	0.95	1	1	2.820318
Gravel Truck_serv	BOBJ1	635	Before	Right Exterior Girder	90	0.95	1	1	3.250549
Gravel Truck_serv	BOBJ1	635	After	Left Exterior Girder	90	0.95	1	1	3.30732
Gravel Truck_serv	BOBJ1	635	After	Interior Girder 1	90	0.95	1	1	2.833462
Gravel Truck_serv	BOBJ1	635	After	Interior Girder 2	90	0.95	1	1	2.833462
Gravel Truck_serv	BOBJ1	635	After	Right Exterior Girder	90	0.95	1	1	3.30732
Gravel Truck_serv	BOBJ1	643.5619	Before	Left Exterior Girder	98.5619	0.95	1	1	2.587334
Gravel Truck_serv	BOBJ1	643.5619	Before	Interior Girder 1	98.5619	0.95	1	1	2.239679
Gravel Truck_serv	BOBJ1	643.5619	Before	Interior Girder 2	98.5619	0.95	1	1	2.239678
Gravel Truck_serv	BOBJ1	643.5619	Before	Right Exterior Girder	98.5619	0.95	1	1	2.587334
Gravel Truck_serv	BOBJ1	643.5619	After	Left Exterior Girder	98.5619	0.95	1	1	4.896503
Gravel Truck_serv	BOBJ1	643.5619	After	Interior Girder 1	98.5619	0.95	1	1	4.231155
Gravel Truck_serv	BOBJ1	643.5619	After	Interior Girder 2	98.5619	0.95	1	1	4.231154
Gravel Truck_serv	BOBJ1	643.5619	After	Right Exterior Girder	98.5619	0.95	1	1	4.896503

TABLE: Bridge Super Rating AASHTORATE18 26 - SteelINonCompServ-Flx - Main Span Girders									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Gravel Truck_serv	BOBJ1	646.25	Before	Left Exterior Girder	101.25	0.95	1	1	4.657221
Gravel Truck_serv	BOBJ1	646.25	Before	Interior Girder 1	101.25	0.95	1	1	4.04238
Gravel Truck_serv	BOBJ1	646.25	Before	Interior Girder 2	101.25	0.95	1	1	4.04238
Gravel Truck_serv	BOBJ1	646.25	Before	Right Exterior Girder	101.25	0.95	1	1	4.657221
Gravel Truck_serv	BOBJ1	646.25	After	Left Exterior Girder	101.25	0.95	1	1	4.654368
Gravel Truck_serv	BOBJ1	646.25	After	Interior Girder 1	101.25	0.95	1	1	4.043352
Gravel Truck_serv	BOBJ1	646.25	After	Interior Girder 2	101.25	0.95	1	1	4.043352
Gravel Truck_serv	BOBJ1	646.25	After	Right Exterior Girder	101.25	0.95	1	1	4.654368
Gravel Truck_serv	BOBJ1	657.5	Before	Left Exterior Girder	112.5	0.95	1	1	3.860758
Gravel Truck_serv	BOBJ1	657.5	Before	Interior Girder 1	112.5	0.95	1	1	3.447389
Gravel Truck_serv	BOBJ1	657.5	Before	Interior Girder 2	112.5	0.95	1	1	3.447388
Gravel Truck_serv	BOBJ1	657.5	Before	Right Exterior Girder	112.5	0.95	1	1	3.860758
Gravel Truck_serv	BOBJ1	657.5	After	Left Exterior Girder	112.5	0.95	1	1	3.884769
Gravel Truck_serv	BOBJ1	657.5	After	Interior Girder 1	112.5	0.95	1	1	3.45062
Gravel Truck_serv	BOBJ1	657.5	After	Interior Girder 2	112.5	0.95	1	1	3.45062
Gravel Truck_serv	BOBJ1	657.5	After	Right Exterior Girder	112.5	0.95	1	1	3.884769
Gravel Truck_serv	BOBJ1	668.75	Before	Left Exterior Girder	123.75	0.95	1	1	3.420288
Gravel Truck_serv	BOBJ1	668.75	Before	Interior Girder 1	123.75	0.95	1	1	3.02439
Gravel Truck_serv	BOBJ1	668.75	Before	Interior Girder 2	123.75	0.95	1	1	3.02439
Gravel Truck_serv	BOBJ1	668.75	Before	Right Exterior Girder	123.75	0.95	1	1	3.420288
Gravel Truck_serv	BOBJ1	668.75	After	Left Exterior Girder	123.75	0.95	1	1	3.424842
Gravel Truck_serv	BOBJ1	668.75	After	Interior Girder 1	123.75	0.95	1	1	3.026276
Gravel Truck_serv	BOBJ1	668.75	After	Interior Girder 2	123.75	0.95	1	1	3.026276
Gravel Truck_serv	BOBJ1	668.75	After	Right Exterior Girder	123.75	0.95	1	1	3.424842
Gravel Truck_serv	BOBJ1	680	Before	Left Exterior Girder	135	0.95	1	1	3.140976
Gravel Truck_serv	BOBJ1	680	Before	Interior Girder 1	135	0.95	1	1	2.821801
Gravel Truck_serv	BOBJ1	680	Before	Interior Girder 2	135	0.95	1	1	2.821802
Gravel Truck_serv	BOBJ1	680	Before	Right Exterior Girder	135	0.95	1	1	3.140976
Gravel Truck_serv	BOBJ1	680	After	Left Exterior Girder	135	0.95	1	1	3.139523
Gravel Truck_serv	BOBJ1	680	After	Interior Girder 1	135	0.95	1	1	2.82733
Gravel Truck_serv	BOBJ1	680	After	Interior Girder 2	135	0.95	1	1	2.827331
Gravel Truck_serv	BOBJ1	680	After	Right Exterior Girder	135	0.95	1	1	3.139523
Gravel Truck_serv	BOBJ1	691.25	Before	Left Exterior Girder	146.25	0.95	1	1	3.08304
Gravel Truck_serv	BOBJ1	691.25	Before	Interior Girder 1	146.25	0.95	1	1	2.716679
Gravel Truck_serv	BOBJ1	691.25	Before	Interior Girder 2	146.25	0.95	1	1	2.716679
Gravel Truck_serv	BOBJ1	691.25	Before	Right Exterior Girder	146.25	0.95	1	1	3.08304
Gravel Truck_serv	BOBJ1	691.25	After	Left Exterior Girder	146.25	0.95	1	1	3.086083
Gravel Truck_serv	BOBJ1	691.25	After	Interior Girder 1	146.25	0.95	1	1	2.715343
Gravel Truck_serv	BOBJ1	691.25	After	Interior Girder 2	146.25	0.95	1	1	2.715343
Gravel Truck_serv	BOBJ1	691.25	After	Right Exterior Girder	146.25	0.95	1	1	3.086083
Gravel Truck_serv	BOBJ1	702.5	Before	Left Exterior Girder	157.5	0.95	1	1	3.209232
Gravel Truck_serv	BOBJ1	702.5	Before	Interior Girder 1	157.5	0.95	1	1	2.813394
Gravel Truck_serv	BOBJ1	702.5	Before	Interior Girder 2	157.5	0.95	1	1	2.813394
Gravel Truck_serv	BOBJ1	702.5	Before	Right Exterior Girder	157.5	0.95	1	1	3.209232
Gravel Truck_serv	BOBJ1	702.5	After	Left Exterior Girder	157.5	0.95	1	1	3.181088
Gravel Truck_serv	BOBJ1	702.5	After	Interior Girder 1	157.5	0.95	1	1	2.825757
Gravel Truck_serv	BOBJ1	702.5	After	Interior Girder 2	157.5	0.95	1	1	2.825757
Gravel Truck_serv	BOBJ1	702.5	After	Right Exterior Girder	157.5	0.95	1	1	3.181088
Gravel Truck_serv	BOBJ1	713.75	Before	Left Exterior Girder	168.75	0.95	1	1	3.59652
Gravel Truck_serv	BOBJ1	713.75	Before	Interior Girder 1	168.75	0.95	1	1	3.055253
Gravel Truck_serv	BOBJ1	713.75	Before	Interior Girder 2	168.75	0.95	1	1	3.055253
Gravel Truck_serv	BOBJ1	713.75	Before	Right Exterior Girder	168.75	0.95	1	1	3.59652
Gravel Truck_serv	BOBJ1	713.75	After	Left Exterior Girder	168.75	0.95	1	1	3.59706
Gravel Truck_serv	BOBJ1	713.75	After	Interior Girder 1	168.75	0.95	1	1	3.056551
Gravel Truck_serv	BOBJ1	713.75	After	Interior Girder 2	168.75	0.95	1	1	3.056551
Gravel Truck_serv	BOBJ1	713.75	After	Right Exterior Girder	168.75	0.95	1	1	3.597059
Gravel Truck_serv	BOBJ1	725	Before	Left Exterior Girder	180	0.95	1	1	4.375483
Gravel Truck_serv	BOBJ1	725	Before	Interior Girder 1	180	0.95	1	1	3.616537
Gravel Truck_serv	BOBJ1	725	Before	Interior Girder 2	180	0.95	1	1	3.616537
Gravel Truck_serv	BOBJ1	725	Before	Right Exterior Girder	180	0.95	1	1	4.375483
Gravel Truck_serv	BOBJ1	725	After	Left Exterior Girder	180	0.95	1	1	4.331441
Gravel Truck_serv	BOBJ1	725	After	Interior Girder 1	180	0.95	1	1	3.650789
Gravel Truck_serv	BOBJ1	725	After	Interior Girder 2	180	0.95	1	1	3.650789
Gravel Truck_serv	BOBJ1	725	After	Right Exterior Girder	180	0.95	1	1	4.331441
Gravel Truck_serv	BOBJ1	731.1726	Before	Left Exterior Girder	186.1726	0.95	1	1	5.066632
Gravel Truck_serv	BOBJ1	731.1726	Before	Interior Girder 1	186.1726	0.95	1	1	4.089474
Gravel Truck_serv	BOBJ1	731.1726	Before	Interior Girder 2	186.1726	0.95	1	1	4.089474
Gravel Truck_serv	BOBJ1	731.1726	Before	Right Exterior Girder	186.1726	0.95	1	1	5.066632
Gravel Truck_serv	BOBJ1	731.1726	After	Left Exterior Girder	186.1726	0.95	1	1	2.175517
Gravel Truck_serv	BOBJ1	731.1726	After	Interior Girder 1	186.1726	0.95	1	1	1.748862

TABLE: Bridge Super Rating AASHTORATE18 26 - SteelINonCompServ-Flx - Main Span Girders									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Gravel Truck_serv	BOBJ1	731.1726	After	Interior Girder 2	186.1726	0.95	1	1	1.748862
Gravel Truck_serv	BOBJ1	731.1726	After	Right Exterior Girder	186.1726	0.95	1	1	2.175517
Gravel Truck_serv	BOBJ1	736.25	Before	Left Exterior Girder	191.25	0.95	1	1	2.680346
Gravel Truck_serv	BOBJ1	736.25	Before	Interior Girder 1	191.25	0.95	1	1	2.076628
Gravel Truck_serv	BOBJ1	736.25	Before	Interior Girder 2	191.25	0.95	1	1	2.076628
Gravel Truck_serv	BOBJ1	736.25	Before	Right Exterior Girder	191.25	0.95	1	1	2.680346
Gravel Truck_serv	BOBJ1	736.25	After	Left Exterior Girder	191.25	0.95	1	1	2.672352
Gravel Truck_serv	BOBJ1	736.25	After	Interior Girder 1	191.25	0.95	1	1	2.077387
Gravel Truck_serv	BOBJ1	736.25	After	Interior Girder 2	191.25	0.95	1	1	2.077387
Gravel Truck_serv	BOBJ1	736.25	After	Right Exterior Girder	191.25	0.95	1	1	2.672352
Gravel Truck_serv	BOBJ1	747.5	Before	Left Exterior Girder	202.5	0.95	1	1	4.645494
Gravel Truck_serv	BOBJ1	747.5	Before	Interior Girder 1	202.5	0.95	1	1	3.389305
Gravel Truck_serv	BOBJ1	747.5	Before	Interior Girder 2	202.5	0.95	1	1	3.389305
Gravel Truck_serv	BOBJ1	747.5	Before	Right Exterior Girder	202.5	0.95	1	1	4.645494
Gravel Truck_serv	BOBJ1	747.5	After	Left Exterior Girder	202.5	0.95	1	1	4.455572
Gravel Truck_serv	BOBJ1	747.5	After	Interior Girder 1	202.5	0.95	1	1	3.344304
Gravel Truck_serv	BOBJ1	747.5	After	Interior Girder 2	202.5	0.95	1	1	3.344304
Gravel Truck_serv	BOBJ1	747.5	After	Right Exterior Girder	202.5	0.95	1	1	4.455571
Gravel Truck_serv	BOBJ1	758.75	Before	Left Exterior Girder	213.75	0.95	1	1	10.484748
Gravel Truck_serv	BOBJ1	758.75	Before	Interior Girder 1	213.75	0.95	1	1	6.950794
Gravel Truck_serv	BOBJ1	758.75	Before	Interior Girder 2	213.75	0.95	1	1	6.950794
Gravel Truck_serv	BOBJ1	758.75	Before	Right Exterior Girder	213.75	0.95	1	1	10.484745
Gravel Truck_serv	BOBJ1	758.75	After	Left Exterior Girder	213.75	0.95	1	1	10.45403
Gravel Truck_serv	BOBJ1	758.75	After	Interior Girder 1	213.75	0.95	1	1	6.861131
Gravel Truck_serv	BOBJ1	758.75	After	Interior Girder 2	213.75	0.95	1	1	6.861131
Gravel Truck_serv	BOBJ1	758.75	After	Right Exterior Girder	213.75	0.95	1	1	10.454027
Gravel Truck_serv	BOBJ1	770	Before	Left Exterior Girder	225	0.95	1	1	217.776409
Gravel Truck_serv	BOBJ1	770	Before	Interior Girder 1	225	0.95	1	1	180.321222
Gravel Truck_serv	BOBJ1	770	Before	Interior Girder 2	225	0.95	1	1	180.320585
Gravel Truck_serv	BOBJ1	770	Before	Right Exterior Girder	225	0.95	1	1	217.777499
Annual Perm 1_serv	BOBJ1	0	After	Left Exterior Girder	0	0.95	1	1	136.856782
Annual Perm 1_serv	BOBJ1	0	After	Interior Girder 1	0	0.95	1	1	150.914692
Annual Perm 1_serv	BOBJ1	0	After	Interior Girder 2	0	0.95	1	1	150.914586
Annual Perm 1_serv	BOBJ1	0	After	Right Exterior Girder	0	0.95	1	1	136.856776
Annual Perm 1_serv	BOBJ1	11.25	Before	Left Exterior Girder	11.25	0.95	1	1	7.327896
Annual Perm 1_serv	BOBJ1	11.25	Before	Interior Girder 1	11.25	0.95	1	1	6.879437
Annual Perm 1_serv	BOBJ1	11.25	Before	Interior Girder 2	11.25	0.95	1	1	6.879438
Annual Perm 1_serv	BOBJ1	11.25	Before	Right Exterior Girder	11.25	0.95	1	1	7.327896
Annual Perm 1_serv	BOBJ1	11.25	After	Left Exterior Girder	11.25	0.95	1	1	7.379326
Annual Perm 1_serv	BOBJ1	11.25	After	Interior Girder 1	11.25	0.95	1	1	6.956105
Annual Perm 1_serv	BOBJ1	11.25	After	Interior Girder 2	11.25	0.95	1	1	6.956107
Annual Perm 1_serv	BOBJ1	11.25	After	Right Exterior Girder	11.25	0.95	1	1	7.379325
Annual Perm 1_serv	BOBJ1	22.5	Before	Left Exterior Girder	22.5	0.95	1	1	3.101005
Annual Perm 1_serv	BOBJ1	22.5	Before	Interior Girder 1	22.5	0.95	1	1	3.309314
Annual Perm 1_serv	BOBJ1	22.5	Before	Interior Girder 2	22.5	0.95	1	1	3.309314
Annual Perm 1_serv	BOBJ1	22.5	Before	Right Exterior Girder	22.5	0.95	1	1	3.101005
Annual Perm 1_serv	BOBJ1	22.5	After	Left Exterior Girder	22.5	0.95	1	1	3.313126
Annual Perm 1_serv	BOBJ1	22.5	After	Interior Girder 1	22.5	0.95	1	1	3.292946
Annual Perm 1_serv	BOBJ1	22.5	After	Interior Girder 2	22.5	0.95	1	1	3.292947
Annual Perm 1_serv	BOBJ1	22.5	After	Right Exterior Girder	22.5	0.95	1	1	3.313126
Annual Perm 1_serv	BOBJ1	33.75	Before	Left Exterior Girder	33.75	0.95	1	1	1.888879
Annual Perm 1_serv	BOBJ1	33.75	Before	Interior Girder 1	33.75	0.95	1	1	2.03249
Annual Perm 1_serv	BOBJ1	33.75	Before	Interior Girder 2	33.75	0.95	1	1	2.03249
Annual Perm 1_serv	BOBJ1	33.75	Before	Right Exterior Girder	33.75	0.95	1	1	1.888879
Annual Perm 1_serv	BOBJ1	33.75	After	Left Exterior Girder	33.75	0.95	1	1	1.898142
Annual Perm 1_serv	BOBJ1	33.75	After	Interior Girder 1	33.75	0.95	1	1	2.030114
Annual Perm 1_serv	BOBJ1	33.75	After	Interior Girder 2	33.75	0.95	1	1	2.030114
Annual Perm 1_serv	BOBJ1	33.75	After	Right Exterior Girder	33.75	0.95	1	1	1.898142
Annual Perm 1_serv	BOBJ1	38.8274	Before	Left Exterior Girder	38.8274	0.95	1	1	1.546067
Annual Perm 1_serv	BOBJ1	38.8274	Before	Interior Girder 1	38.8274	0.95	1	1	1.717211
Annual Perm 1_serv	BOBJ1	38.8274	Before	Interior Girder 2	38.8274	0.95	1	1	1.717211
Annual Perm 1_serv	BOBJ1	38.8274	Before	Right Exterior Girder	38.8274	0.95	1	1	1.546067
Annual Perm 1_serv	BOBJ1	38.8274	After	Left Exterior Girder	38.8274	0.95	1	1	3.613069
Annual Perm 1_serv	BOBJ1	38.8274	After	Interior Girder 1	38.8274	0.95	1	1	4.005911
Annual Perm 1_serv	BOBJ1	38.8274	After	Interior Girder 2	38.8274	0.95	1	1	4.005911
Annual Perm 1_serv	BOBJ1	38.8274	After	Right Exterior Girder	38.8274	0.95	1	1	3.613069
Annual Perm 1_serv	BOBJ1	45	Before	Left Exterior Girder	45	0.95	1	1	3.11252
Annual Perm 1_serv	BOBJ1	45	Before	Interior Girder 1	45	0.95	1	1	3.575933
Annual Perm 1_serv	BOBJ1	45	Before	Interior Girder 2	45	0.95	1	1	3.575933
Annual Perm 1_serv	BOBJ1	45	Before	Right Exterior Girder	45	0.95	1	1	3.11252

TABLE: Bridge Super Rating AASHTORATE18 26 - SteelINonCompServ-Flx - Main Span Girders									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Annual Perm 1_serv	BOBJ1	45	After	Left Exterior Girder	45	0.95	1	1	3.210204
Annual Perm 1_serv	BOBJ1	45	After	Interior Girder 1	45	0.95	1	1	3.489914
Annual Perm 1_serv	BOBJ1	45	After	Interior Girder 2	45	0.95	1	1	3.489913
Annual Perm 1_serv	BOBJ1	45	After	Right Exterior Girder	45	0.95	1	1	3.210204
Annual Perm 1_serv	BOBJ1	56.25	Before	Left Exterior Girder	56.25	0.95	1	1	2.620981
Annual Perm 1_serv	BOBJ1	56.25	Before	Interior Girder 1	56.25	0.95	1	1	2.949753
Annual Perm 1_serv	BOBJ1	56.25	Before	Interior Girder 2	56.25	0.95	1	1	2.949753
Annual Perm 1_serv	BOBJ1	56.25	Before	Right Exterior Girder	56.25	0.95	1	1	2.620981
Annual Perm 1_serv	BOBJ1	56.25	After	Left Exterior Girder	56.25	0.95	1	1	2.626751
Annual Perm 1_serv	BOBJ1	56.25	After	Interior Girder 1	56.25	0.95	1	1	2.943704
Annual Perm 1_serv	BOBJ1	56.25	After	Interior Girder 2	56.25	0.95	1	1	2.943704
Annual Perm 1_serv	BOBJ1	56.25	After	Right Exterior Girder	56.25	0.95	1	1	2.626751
Annual Perm 1_serv	BOBJ1	67.5	Before	Left Exterior Girder	67.5	0.95	1	1	2.321722
Annual Perm 1_serv	BOBJ1	67.5	Before	Interior Girder 1	67.5	0.95	1	1	2.712396
Annual Perm 1_serv	BOBJ1	67.5	Before	Interior Girder 2	67.5	0.95	1	1	2.712395
Annual Perm 1_serv	BOBJ1	67.5	Before	Right Exterior Girder	67.5	0.95	1	1	2.321722
Annual Perm 1_serv	BOBJ1	67.5	After	Left Exterior Girder	67.5	0.95	1	1	2.362501
Annual Perm 1_serv	BOBJ1	67.5	After	Interior Girder 1	67.5	0.95	1	1	2.679066
Annual Perm 1_serv	BOBJ1	67.5	After	Interior Girder 2	67.5	0.95	1	1	2.679066
Annual Perm 1_serv	BOBJ1	67.5	After	Right Exterior Girder	67.5	0.95	1	1	2.362501
Annual Perm 1_serv	BOBJ1	78.75	Before	Left Exterior Girder	78.75	0.95	1	1	2.274444
Annual Perm 1_serv	BOBJ1	78.75	Before	Interior Girder 1	78.75	0.95	1	1	2.601851
Annual Perm 1_serv	BOBJ1	78.75	Before	Interior Girder 2	78.75	0.95	1	1	2.601851
Annual Perm 1_serv	BOBJ1	78.75	Before	Right Exterior Girder	78.75	0.95	1	1	2.274444
Annual Perm 1_serv	BOBJ1	78.75	After	Left Exterior Girder	78.75	0.95	1	1	2.275619
Annual Perm 1_serv	BOBJ1	78.75	After	Interior Girder 1	78.75	0.95	1	1	2.599547
Annual Perm 1_serv	BOBJ1	78.75	After	Interior Girder 2	78.75	0.95	1	1	2.599546
Annual Perm 1_serv	BOBJ1	78.75	After	Right Exterior Girder	78.75	0.95	1	1	2.275619
Annual Perm 1_serv	BOBJ1	90	Before	Left Exterior Girder	90	0.95	1	1	2.334142
Annual Perm 1_serv	BOBJ1	90	Before	Interior Girder 1	90	0.95	1	1	2.72683
Annual Perm 1_serv	BOBJ1	90	Before	Interior Girder 2	90	0.95	1	1	2.726829
Annual Perm 1_serv	BOBJ1	90	Before	Right Exterior Girder	90	0.95	1	1	2.334142
Annual Perm 1_serv	BOBJ1	90	After	Left Exterior Girder	90	0.95	1	1	2.341084
Annual Perm 1_serv	BOBJ1	90	After	Interior Girder 1	90	0.95	1	1	2.708305
Annual Perm 1_serv	BOBJ1	90	After	Interior Girder 2	90	0.95	1	1	2.708305
Annual Perm 1_serv	BOBJ1	90	After	Right Exterior Girder	90	0.95	1	1	2.341084
Annual Perm 1_serv	BOBJ1	101.25	Before	Left Exterior Girder	101.25	0.95	1	1	2.558669
Annual Perm 1_serv	BOBJ1	101.25	Before	Interior Girder 1	101.25	0.95	1	1	2.924431
Annual Perm 1_serv	BOBJ1	101.25	Before	Interior Girder 2	101.25	0.95	1	1	2.924431
Annual Perm 1_serv	BOBJ1	101.25	Before	Right Exterior Girder	101.25	0.95	1	1	2.558669
Annual Perm 1_serv	BOBJ1	101.25	After	Left Exterior Girder	101.25	0.95	1	1	2.556128
Annual Perm 1_serv	BOBJ1	101.25	After	Interior Girder 1	101.25	0.95	1	1	2.925677
Annual Perm 1_serv	BOBJ1	101.25	After	Interior Girder 2	101.25	0.95	1	1	2.925677
Annual Perm 1_serv	BOBJ1	101.25	After	Right Exterior Girder	101.25	0.95	1	1	2.556128
Annual Perm 1_serv	BOBJ1	112.5	Before	Left Exterior Girder	112.5	0.95	1	1	2.917103
Annual Perm 1_serv	BOBJ1	112.5	Before	Interior Girder 1	112.5	0.95	1	1	3.328225
Annual Perm 1_serv	BOBJ1	112.5	Before	Interior Girder 2	112.5	0.95	1	1	3.328225
Annual Perm 1_serv	BOBJ1	112.5	Before	Right Exterior Girder	112.5	0.95	1	1	2.917103
Annual Perm 1_serv	BOBJ1	112.5	After	Left Exterior Girder	112.5	0.95	1	1	2.889622
Annual Perm 1_serv	BOBJ1	112.5	After	Interior Girder 1	112.5	0.95	1	1	3.350449
Annual Perm 1_serv	BOBJ1	112.5	After	Interior Girder 2	112.5	0.95	1	1	3.35045
Annual Perm 1_serv	BOBJ1	112.5	After	Right Exterior Girder	112.5	0.95	1	1	2.889622
Annual Perm 1_serv	BOBJ1	123.75	Before	Left Exterior Girder	123.75	0.95	1	1	3.501377
Annual Perm 1_serv	BOBJ1	123.75	Before	Interior Girder 1	123.75	0.95	1	1	3.918569
Annual Perm 1_serv	BOBJ1	123.75	Before	Interior Girder 2	123.75	0.95	1	1	3.918569
Annual Perm 1_serv	BOBJ1	123.75	Before	Right Exterior Girder	123.75	0.95	1	1	3.501377
Annual Perm 1_serv	BOBJ1	123.75	After	Left Exterior Girder	123.75	0.95	1	1	3.498724
Annual Perm 1_serv	BOBJ1	123.75	After	Interior Girder 1	123.75	0.95	1	1	3.916857
Annual Perm 1_serv	BOBJ1	123.75	After	Interior Girder 2	123.75	0.95	1	1	3.916857
Annual Perm 1_serv	BOBJ1	123.75	After	Right Exterior Girder	123.75	0.95	1	1	3.498724
Annual Perm 1_serv	BOBJ1	126.4381	Before	Left Exterior Girder	126.4381	0.95	1	1	3.693322
Annual Perm 1_serv	BOBJ1	126.4381	Before	Interior Girder 1	126.4381	0.95	1	1	4.097655
Annual Perm 1_serv	BOBJ1	126.4381	Before	Interior Girder 2	126.4381	0.95	1	1	4.097655
Annual Perm 1_serv	BOBJ1	126.4381	Before	Right Exterior Girder	126.4381	0.95	1	1	3.693322
Annual Perm 1_serv	BOBJ1	126.4381	After	Left Exterior Girder	126.4381	0.95	1	1	1.946596
Annual Perm 1_serv	BOBJ1	126.4381	After	Interior Girder 1	126.4381	0.95	1	1	2.168496
Annual Perm 1_serv	BOBJ1	126.4381	After	Interior Girder 2	126.4381	0.95	1	1	2.168496
Annual Perm 1_serv	BOBJ1	126.4381	After	Right Exterior Girder	126.4381	0.95	1	1	1.946596
Annual Perm 1_serv	BOBJ1	135	Before	Left Exterior Girder	135	0.95	1	1	2.533679
Annual Perm 1_serv	BOBJ1	135	Before	Interior Girder 1	135	0.95	1	1	2.761223

TABLE: Bridge Super Rating AASHTORATE18 26 - SteelINonCompServ-Flx - Main Span Girders									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Annual Perm 1_serv	BOBJ1	135	Before	Interior Girder 2	135	0.95	1	1	2.761223
Annual Perm 1_serv	BOBJ1	135	Before	Right Exterior Girder	135	0.95	1	1	2.533679
Annual Perm 1_serv	BOBJ1	135	After	Left Exterior Girder	135	0.95	1	1	2.464144
Annual Perm 1_serv	BOBJ1	135	After	Interior Girder 1	135	0.95	1	1	2.798763
Annual Perm 1_serv	BOBJ1	135	After	Interior Girder 2	135	0.95	1	1	2.798763
Annual Perm 1_serv	BOBJ1	135	After	Right Exterior Girder	135	0.95	1	1	2.464144
Annual Perm 1_serv	BOBJ1	146.25	Before	Left Exterior Girder	146.25	0.95	1	1	3.625041
Annual Perm 1_serv	BOBJ1	146.25	Before	Interior Girder 1	146.25	0.95	1	1	3.831326
Annual Perm 1_serv	BOBJ1	146.25	Before	Interior Girder 2	146.25	0.95	1	1	3.831326
Annual Perm 1_serv	BOBJ1	146.25	Before	Right Exterior Girder	146.25	0.95	1	1	3.625041
Annual Perm 1_serv	BOBJ1	146.25	After	Left Exterior Girder	146.25	0.95	1	1	3.612453
Annual Perm 1_serv	BOBJ1	146.25	After	Interior Girder 1	146.25	0.95	1	1	3.83582
Annual Perm 1_serv	BOBJ1	146.25	After	Interior Girder 2	146.25	0.95	1	1	3.83582
Annual Perm 1_serv	BOBJ1	146.25	After	Right Exterior Girder	146.25	0.95	1	1	3.612453
Annual Perm 1_serv	BOBJ1	157.5	Before	Left Exterior Girder	157.5	0.95	1	1	3.938527
Annual Perm 1_serv	BOBJ1	157.5	Before	Interior Girder 1	157.5	0.95	1	1	4.490734
Annual Perm 1_serv	BOBJ1	157.5	Before	Interior Girder 2	157.5	0.95	1	1	4.490734
Annual Perm 1_serv	BOBJ1	157.5	Before	Right Exterior Girder	157.5	0.95	1	1	3.938527
Annual Perm 1_serv	BOBJ1	157.5	After	Left Exterior Girder	157.5	0.95	1	1	3.934107
Annual Perm 1_serv	BOBJ1	157.5	After	Interior Girder 1	157.5	0.95	1	1	4.573306
Annual Perm 1_serv	BOBJ1	157.5	After	Interior Girder 2	157.5	0.95	1	1	4.573306
Annual Perm 1_serv	BOBJ1	157.5	After	Right Exterior Girder	157.5	0.95	1	1	3.934107
Annual Perm 1_serv	BOBJ1	168.2522	Before	Left Exterior Girder	168.2522	0.95	1	1	2.42383
Annual Perm 1_serv	BOBJ1	168.2522	Before	Interior Girder 1	168.2522	0.95	1	1	2.778918
Annual Perm 1_serv	BOBJ1	168.2522	Before	Interior Girder 2	168.2522	0.95	1	1	2.778918
Annual Perm 1_serv	BOBJ1	168.2522	Before	Right Exterior Girder	168.2522	0.95	1	1	2.42383
Annual Perm 1_serv	BOBJ1	168.2522	After	Left Exterior Girder	168.2522	0.95	1	1	6.09623
Annual Perm 1_serv	BOBJ1	168.2522	After	Interior Girder 1	168.2522	0.95	1	1	6.937833
Annual Perm 1_serv	BOBJ1	168.2522	After	Interior Girder 2	168.2522	0.95	1	1	6.937832
Annual Perm 1_serv	BOBJ1	168.2522	After	Right Exterior Girder	168.2522	0.95	1	1	6.09623
Annual Perm 1_serv	BOBJ1	168.75	Before	Left Exterior Girder	168.75	0.95	1	1	6.012457
Annual Perm 1_serv	BOBJ1	168.75	Before	Interior Girder 1	168.75	0.95	1	1	6.845748
Annual Perm 1_serv	BOBJ1	168.75	Before	Interior Girder 2	168.75	0.95	1	1	6.845748
Annual Perm 1_serv	BOBJ1	168.75	Before	Right Exterior Girder	168.75	0.95	1	1	6.012457
Annual Perm 1_serv	BOBJ1	168.75	After	Left Exterior Girder	168.75	0.95	1	1	6.020649
Annual Perm 1_serv	BOBJ1	168.75	After	Interior Girder 1	168.75	0.95	1	1	6.841685
Annual Perm 1_serv	BOBJ1	168.75	After	Interior Girder 2	168.75	0.95	1	1	6.841684
Annual Perm 1_serv	BOBJ1	168.75	After	Right Exterior Girder	168.75	0.95	1	1	6.020649
Annual Perm 1_serv	BOBJ1	180	Before	Left Exterior Girder	180	0.95	1	1	4.26862
Annual Perm 1_serv	BOBJ1	180	Before	Interior Girder 1	180	0.95	1	1	4.756981
Annual Perm 1_serv	BOBJ1	180	Before	Interior Girder 2	180	0.95	1	1	4.756981
Annual Perm 1_serv	BOBJ1	180	Before	Right Exterior Girder	180	0.95	1	1	4.26862
Annual Perm 1_serv	BOBJ1	180	After	Left Exterior Girder	180	0.95	1	1	4.179081
Annual Perm 1_serv	BOBJ1	180	After	Interior Girder 1	180	0.95	1	1	4.8383
Annual Perm 1_serv	BOBJ1	180	After	Interior Girder 2	180	0.95	1	1	4.8383
Annual Perm 1_serv	BOBJ1	180	After	Right Exterior Girder	180	0.95	1	1	4.179081
Annual Perm 1_serv	BOBJ1	183.1858	Before	Left Exterior Girder	183.1858	0.95	1	1	3.703016
Annual Perm 1_serv	BOBJ1	183.1858	Before	Interior Girder 1	183.1858	0.95	1	1	4.256997
Annual Perm 1_serv	BOBJ1	183.1858	Before	Interior Girder 2	183.1858	0.95	1	1	4.256997
Annual Perm 1_serv	BOBJ1	183.1858	Before	Right Exterior Girder	183.1858	0.95	1	1	3.703016
Annual Perm 1_serv	BOBJ1	183.1858	After	Left Exterior Girder	183.1858	0.95	1	1	7.756082
Annual Perm 1_serv	BOBJ1	183.1858	After	Interior Girder 1	183.1858	0.95	1	1	8.885266
Annual Perm 1_serv	BOBJ1	183.1858	After	Interior Girder 2	183.1858	0.95	1	1	8.885266
Annual Perm 1_serv	BOBJ1	183.1858	After	Right Exterior Girder	183.1858	0.95	1	1	7.756083
Annual Perm 1_serv	BOBJ1	191.25	Before	Left Exterior Girder	191.25	0.95	1	1	6.399318
Annual Perm 1_serv	BOBJ1	191.25	Before	Interior Girder 1	191.25	0.95	1	1	7.173751
Annual Perm 1_serv	BOBJ1	191.25	Before	Interior Girder 2	191.25	0.95	1	1	7.173751
Annual Perm 1_serv	BOBJ1	191.25	Before	Right Exterior Girder	191.25	0.95	1	1	6.399318
Annual Perm 1_serv	BOBJ1	191.25	After	Left Exterior Girder	191.25	0.95	1	1	6.411552
Annual Perm 1_serv	BOBJ1	191.25	After	Interior Girder 1	191.25	0.95	1	1	7.170445
Annual Perm 1_serv	BOBJ1	191.25	After	Interior Girder 2	191.25	0.95	1	1	7.170445
Annual Perm 1_serv	BOBJ1	191.25	After	Right Exterior Girder	191.25	0.95	1	1	6.411552
Annual Perm 1_serv	BOBJ1	199.9414	Before	Left Exterior Girder	199.9414	0.95	1	1	4.986321
Annual Perm 1_serv	BOBJ1	199.9414	Before	Interior Girder 1	199.9414	0.95	1	1	5.44328
Annual Perm 1_serv	BOBJ1	199.9414	Before	Interior Girder 2	199.9414	0.95	1	1	5.44328
Annual Perm 1_serv	BOBJ1	199.9414	Before	Right Exterior Girder	199.9414	0.95	1	1	4.986321
Annual Perm 1_serv	BOBJ1	199.9414	After	Left Exterior Girder	199.9414	0.95	1	1	8.132753
Annual Perm 1_serv	BOBJ1	199.9414	After	Interior Girder 1	199.9414	0.95	1	1	8.898036
Annual Perm 1_serv	BOBJ1	199.9414	After	Interior Girder 2	199.9414	0.95	1	1	8.898037
Annual Perm 1_serv	BOBJ1	199.9414	After	Right Exterior Girder	199.9414	0.95	1	1	8.132753

TABLE: Bridge Super Rating AASHTORATE18 26 - SteelINonCompServ-Flx - Main Span Girders									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Annual Perm 1_serv	BOBJ1	202.5	Before	Left Exterior Girder	202.5	0.95	1	1	7.360422
Annual Perm 1_serv	BOBJ1	202.5	Before	Interior Girder 1	202.5	0.95	1	1	8.339308
Annual Perm 1_serv	BOBJ1	202.5	Before	Interior Girder 2	202.5	0.95	1	1	8.339308
Annual Perm 1_serv	BOBJ1	202.5	Before	Right Exterior Girder	202.5	0.95	1	1	7.360422
Annual Perm 1_serv	BOBJ1	202.5	After	Left Exterior Girder	202.5	0.95	1	1	7.484168
Annual Perm 1_serv	BOBJ1	202.5	After	Interior Girder 1	202.5	0.95	1	1	8.568813
Annual Perm 1_serv	BOBJ1	202.5	After	Interior Girder 2	202.5	0.95	1	1	8.568814
Annual Perm 1_serv	BOBJ1	202.5	After	Right Exterior Girder	202.5	0.95	1	1	7.484168
Annual Perm 1_serv	BOBJ1	210.5642	Before	Left Exterior Girder	210.5642	0.95	1	1	5.333107
Annual Perm 1_serv	BOBJ1	210.5642	Before	Interior Girder 1	210.5642	0.95	1	1	6.577414
Annual Perm 1_serv	BOBJ1	210.5642	Before	Interior Girder 2	210.5642	0.95	1	1	6.577414
Annual Perm 1_serv	BOBJ1	210.5642	Before	Right Exterior Girder	210.5642	0.95	1	1	5.333107
Annual Perm 1_serv	BOBJ1	210.5642	After	Left Exterior Girder	210.5642	0.95	1	1	7.894512
Annual Perm 1_serv	BOBJ1	210.5642	After	Interior Girder 1	210.5642	0.95	1	1	9.80392
Annual Perm 1_serv	BOBJ1	210.5642	After	Interior Girder 2	210.5642	0.95	1	1	9.80392
Annual Perm 1_serv	BOBJ1	210.5642	After	Right Exterior Girder	210.5642	0.95	1	1	7.894512
Annual Perm 1_serv	BOBJ1	213.75	Before	Left Exterior Girder	213.75	0.95	1	1	7.007456
Annual Perm 1_serv	BOBJ1	213.75	Before	Interior Girder 1	213.75	0.95	1	1	8.587214
Annual Perm 1_serv	BOBJ1	213.75	Before	Interior Girder 2	213.75	0.95	1	1	8.587213
Annual Perm 1_serv	BOBJ1	213.75	Before	Right Exterior Girder	213.75	0.95	1	1	7.007455
Annual Perm 1_serv	BOBJ1	213.75	After	Left Exterior Girder	213.75	0.95	1	1	7.005902
Annual Perm 1_serv	BOBJ1	213.75	After	Interior Girder 1	213.75	0.95	1	1	8.566307
Annual Perm 1_serv	BOBJ1	213.75	After	Interior Girder 2	213.75	0.95	1	1	8.566306
Annual Perm 1_serv	BOBJ1	213.75	After	Right Exterior Girder	213.75	0.95	1	1	7.005902
Annual Perm 1_serv	BOBJ1	225	Before	Left Exterior Girder	225	0.95	1	1	4.283709
Annual Perm 1_serv	BOBJ1	225	Before	Interior Girder 1	225	0.95	1	1	4.832112
Annual Perm 1_serv	BOBJ1	225	Before	Interior Girder 2	225	0.95	1	1	4.832112
Annual Perm 1_serv	BOBJ1	225	Before	Right Exterior Girder	225	0.95	1	1	4.283709
Annual Perm 1_serv	BOBJ1	225	After	Left Exterior Girder	0	0.95	1	1	3.848307
Annual Perm 1_serv	BOBJ1	225	After	Interior Girder 1	0	0.95	1	1	4.526235
Annual Perm 1_serv	BOBJ1	225	After	Interior Girder 2	0	0.95	1	1	4.526236
Annual Perm 1_serv	BOBJ1	225	After	Right Exterior Girder	0	0.95	1	1	3.848307
Annual Perm 1_serv	BOBJ1	236.45	Before	Left Exterior Girder	11.45	0.95	1	1	6.609499
Annual Perm 1_serv	BOBJ1	236.45	Before	Interior Girder 1	11.45	0.95	1	1	8.196108
Annual Perm 1_serv	BOBJ1	236.45	Before	Interior Girder 2	11.45	0.95	1	1	8.196108
Annual Perm 1_serv	BOBJ1	236.45	Before	Right Exterior Girder	11.45	0.95	1	1	6.609498
Annual Perm 1_serv	BOBJ1	236.45	After	Left Exterior Girder	11.45	0.95	1	1	6.620094
Annual Perm 1_serv	BOBJ1	236.45	After	Interior Girder 1	11.45	0.95	1	1	8.199403
Annual Perm 1_serv	BOBJ1	236.45	After	Interior Girder 2	11.45	0.95	1	1	8.199403
Annual Perm 1_serv	BOBJ1	236.45	After	Right Exterior Girder	11.45	0.95	1	1	6.620093
Annual Perm 1_serv	BOBJ1	239.5082	Before	Left Exterior Girder	14.5082	0.95	1	1	7.636401
Annual Perm 1_serv	BOBJ1	239.5082	Before	Interior Girder 1	14.5082	0.95	1	1	9.531305
Annual Perm 1_serv	BOBJ1	239.5082	Before	Interior Girder 2	14.5082	0.95	1	1	9.531306
Annual Perm 1_serv	BOBJ1	239.5082	Before	Right Exterior Girder	14.5082	0.95	1	1	7.636401
Annual Perm 1_serv	BOBJ1	239.5082	After	Left Exterior Girder	14.5082	0.95	1	1	5.17431
Annual Perm 1_serv	BOBJ1	239.5082	After	Interior Girder 1	14.5082	0.95	1	1	6.491819
Annual Perm 1_serv	BOBJ1	239.5082	After	Interior Girder 2	14.5082	0.95	1	1	6.491819
Annual Perm 1_serv	BOBJ1	239.5082	After	Right Exterior Girder	14.5082	0.95	1	1	5.17431
Annual Perm 1_serv	BOBJ1	247.9	Before	Left Exterior Girder	22.9	0.95	1	1	8.030178
Annual Perm 1_serv	BOBJ1	247.9	Before	Interior Girder 1	22.9	0.95	1	1	10.223904
Annual Perm 1_serv	BOBJ1	247.9	Before	Interior Girder 2	22.9	0.95	1	1	10.223905
Annual Perm 1_serv	BOBJ1	247.9	Before	Right Exterior Girder	22.9	0.95	1	1	8.030178
Annual Perm 1_serv	BOBJ1	247.9	After	Left Exterior Girder	22.9	0.95	1	1	7.786297
Annual Perm 1_serv	BOBJ1	247.9	After	Interior Girder 1	22.9	0.95	1	1	10.1585
Annual Perm 1_serv	BOBJ1	247.9	After	Interior Girder 2	22.9	0.95	1	1	10.158501
Annual Perm 1_serv	BOBJ1	247.9	After	Right Exterior Girder	22.9	0.95	1	1	7.786297
Annual Perm 1_serv	BOBJ1	258.5189	Before	Left Exterior Girder	33.5189	0.95	1	1	11.391584
Annual Perm 1_serv	BOBJ1	258.5189	Before	Interior Girder 1	33.5189	0.95	1	1	13.172291
Annual Perm 1_serv	BOBJ1	258.5189	Before	Interior Girder 2	33.5189	0.95	1	1	13.172291
Annual Perm 1_serv	BOBJ1	258.5189	Before	Right Exterior Girder	33.5189	0.95	1	1	11.391584
Annual Perm 1_serv	BOBJ1	258.5189	After	Left Exterior Girder	33.5189	0.95	1	1	7.96733
Annual Perm 1_serv	BOBJ1	258.5189	After	Interior Girder 1	33.5189	0.95	1	1	9.099079
Annual Perm 1_serv	BOBJ1	258.5189	After	Interior Girder 2	33.5189	0.95	1	1	9.099079
Annual Perm 1_serv	BOBJ1	258.5189	After	Right Exterior Girder	33.5189	0.95	1	1	7.96733
Annual Perm 1_serv	BOBJ1	259.3	Before	Left Exterior Girder	34.3	0.95	1	1	8.160923
Annual Perm 1_serv	BOBJ1	259.3	Before	Interior Girder 1	34.3	0.95	1	1	9.322051
Annual Perm 1_serv	BOBJ1	259.3	Before	Interior Girder 2	34.3	0.95	1	1	9.322051
Annual Perm 1_serv	BOBJ1	259.3	Before	Right Exterior Girder	34.3	0.95	1	1	8.160923
Annual Perm 1_serv	BOBJ1	259.3	After	Left Exterior Girder	34.3	0.95	1	1	8.164906
Annual Perm 1_serv	BOBJ1	259.3	After	Interior Girder 1	34.3	0.95	1	1	9.322902

TABLE: Bridge Super Rating AASHTORATE18 26 - SteelINonCompServ-Flx - Main Span Girders									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Annual Perm 1_serv	BOBJ1	259.3	After	Interior Girder 2	34.3	0.95	1	1	9.322902
Annual Perm 1_serv	BOBJ1	259.3	After	Right Exterior Girder	34.3	0.95	1	1	8.164906
Annual Perm 1_serv	BOBJ1	266.1031	Before	Left Exterior Girder	41.1031	0.95	1	1	9.608082
Annual Perm 1_serv	BOBJ1	266.1031	Before	Interior Girder 1	41.1031	0.95	1	1	11.190585
Annual Perm 1_serv	BOBJ1	266.1031	Before	Interior Girder 2	41.1031	0.95	1	1	11.190584
Annual Perm 1_serv	BOBJ1	266.1031	Before	Right Exterior Girder	41.1031	0.95	1	1	9.608083
Annual Perm 1_serv	BOBJ1	266.1031	After	Left Exterior Girder	41.1031	0.95	1	1	5.271897
Annual Perm 1_serv	BOBJ1	266.1031	After	Interior Girder 1	41.1031	0.95	1	1	6.067263
Annual Perm 1_serv	BOBJ1	266.1031	After	Interior Girder 2	41.1031	0.95	1	1	6.067263
Annual Perm 1_serv	BOBJ1	266.1031	After	Right Exterior Girder	41.1031	0.95	1	1	5.271897
Annual Perm 1_serv	BOBJ1	270.7	Before	Left Exterior Girder	45.7	0.95	1	1	6.218315
Annual Perm 1_serv	BOBJ1	270.7	Before	Interior Girder 1	45.7	0.95	1	1	7.233829
Annual Perm 1_serv	BOBJ1	270.7	Before	Interior Girder 2	45.7	0.95	1	1	7.233828
Annual Perm 1_serv	BOBJ1	270.7	Before	Right Exterior Girder	45.7	0.95	1	1	6.218315
Annual Perm 1_serv	BOBJ1	270.7	After	Left Exterior Girder	45.7	0.95	1	1	6.339226
Annual Perm 1_serv	BOBJ1	270.7	After	Interior Girder 1	45.7	0.95	1	1	7.171665
Annual Perm 1_serv	BOBJ1	270.7	After	Interior Girder 2	45.7	0.95	1	1	7.171665
Annual Perm 1_serv	BOBJ1	270.7	After	Right Exterior Girder	45.7	0.95	1	1	6.339226
Annual Perm 1_serv	BOBJ1	273.6874	Before	Left Exterior Girder	48.6874	0.95	1	1	6.964487
Annual Perm 1_serv	BOBJ1	273.6874	Before	Interior Girder 1	48.6874	0.95	1	1	7.918028
Annual Perm 1_serv	BOBJ1	273.6874	Before	Interior Girder 2	48.6874	0.95	1	1	7.918028
Annual Perm 1_serv	BOBJ1	273.6874	Before	Right Exterior Girder	48.6874	0.95	1	1	6.964487
Annual Perm 1_serv	BOBJ1	273.6874	After	Left Exterior Girder	48.6874	0.95	1	1	3.051067
Annual Perm 1_serv	BOBJ1	273.6874	After	Interior Girder 1	48.6874	0.95	1	1	3.458288
Annual Perm 1_serv	BOBJ1	273.6874	After	Interior Girder 2	48.6874	0.95	1	1	3.458287
Annual Perm 1_serv	BOBJ1	273.6874	After	Right Exterior Girder	48.6874	0.95	1	1	3.051067
Annual Perm 1_serv	BOBJ1	282.15	Before	Left Exterior Girder	57.15	0.95	1	1	4.743044
Annual Perm 1_serv	BOBJ1	282.15	Before	Interior Girder 1	57.15	0.95	1	1	5.42048
Annual Perm 1_serv	BOBJ1	282.15	Before	Interior Girder 2	57.15	0.95	1	1	5.42048
Annual Perm 1_serv	BOBJ1	282.15	Before	Right Exterior Girder	57.15	0.95	1	1	4.743044
Annual Perm 1_serv	BOBJ1	282.15	After	Left Exterior Girder	57.15	0.95	1	1	4.740895
Annual Perm 1_serv	BOBJ1	282.15	After	Interior Girder 1	57.15	0.95	1	1	5.427363
Annual Perm 1_serv	BOBJ1	282.15	After	Interior Girder 2	57.15	0.95	1	1	5.427363
Annual Perm 1_serv	BOBJ1	282.15	After	Right Exterior Girder	57.15	0.95	1	1	4.740895
Annual Perm 1_serv	BOBJ1	293.6	Before	Left Exterior Girder	68.6	0.95	1	1	3.634171
Annual Perm 1_serv	BOBJ1	293.6	Before	Interior Girder 1	68.6	0.95	1	1	3.720478
Annual Perm 1_serv	BOBJ1	293.6	Before	Interior Girder 2	68.6	0.95	1	1	3.720478
Annual Perm 1_serv	BOBJ1	293.6	Before	Right Exterior Girder	68.6	0.95	1	1	3.634171
Annual Perm 1_serv	BOBJ1	293.6	After	Left Exterior Girder	68.6	0.95	1	1	3.835811
Annual Perm 1_serv	BOBJ1	293.6	After	Interior Girder 1	68.6	0.95	1	1	3.700524
Annual Perm 1_serv	BOBJ1	293.6	After	Interior Girder 2	68.6	0.95	1	1	3.700524
Annual Perm 1_serv	BOBJ1	293.6	After	Right Exterior Girder	68.6	0.95	1	1	3.835811
Annual Perm 1_serv	BOBJ1	305	Before	Left Exterior Girder	80	0.95	1	1	1.956195
Annual Perm 1_serv	BOBJ1	305	Before	Interior Girder 1	80	0.95	1	1	2.008895
Annual Perm 1_serv	BOBJ1	305	Before	Interior Girder 2	80	0.95	1	1	2.008895
Annual Perm 1_serv	BOBJ1	305	Before	Right Exterior Girder	80	0.95	1	1	1.956195
Annual Perm 1_serv	BOBJ1	305	After	Left Exterior Girder	80	0.95	1	1	1.958453
Annual Perm 1_serv	BOBJ1	305	After	Interior Girder 1	80	0.95	1	1	2.007476
Annual Perm 1_serv	BOBJ1	305	After	Interior Girder 2	80	0.95	1	1	2.007476
Annual Perm 1_serv	BOBJ1	305	After	Right Exterior Girder	80	0.95	1	1	1.958453
Annual Perm 1_serv	BOBJ1	306.9561	Before	Left Exterior Girder	81.9561	0.95	1	1	1.72244
Annual Perm 1_serv	BOBJ1	306.9561	Before	Interior Girder 1	81.9561	0.95	1	1	1.797076
Annual Perm 1_serv	BOBJ1	306.9561	Before	Interior Girder 2	81.9561	0.95	1	1	1.797076
Annual Perm 1_serv	BOBJ1	306.9561	Before	Right Exterior Girder	81.9561	0.95	1	1	1.72244
Annual Perm 1_serv	BOBJ1	306.9561	After	Left Exterior Girder	81.9561	0.95	1	1	4.506552
Annual Perm 1_serv	BOBJ1	306.9561	After	Interior Girder 1	81.9561	0.95	1	1	4.744226
Annual Perm 1_serv	BOBJ1	306.9561	After	Interior Girder 2	81.9561	0.95	1	1	4.744226
Annual Perm 1_serv	BOBJ1	306.9561	After	Right Exterior Girder	81.9561	0.95	1	1	4.506552
Annual Perm 1_serv	BOBJ1	316.4	Before	Left Exterior Girder	91.4	0.95	1	1	3.233385
Annual Perm 1_serv	BOBJ1	316.4	Before	Interior Girder 1	91.4	0.95	1	1	3.598891
Annual Perm 1_serv	BOBJ1	316.4	Before	Interior Girder 2	91.4	0.95	1	1	3.598891
Annual Perm 1_serv	BOBJ1	316.4	Before	Right Exterior Girder	91.4	0.95	1	1	3.233385
Annual Perm 1_serv	BOBJ1	316.4	After	Left Exterior Girder	91.4	0.95	1	1	3.312959
Annual Perm 1_serv	BOBJ1	316.4	After	Interior Girder 1	91.4	0.95	1	1	3.533286
Annual Perm 1_serv	BOBJ1	316.4	After	Interior Girder 2	91.4	0.95	1	1	3.533286
Annual Perm 1_serv	BOBJ1	316.4	After	Right Exterior Girder	91.4	0.95	1	1	3.312959
Annual Perm 1_serv	BOBJ1	327.85	Before	Left Exterior Girder	102.9679	0.95	1	1	2.317291
Annual Perm 1_serv	BOBJ1	327.85	Before	Interior Girder 1	102.9679	0.95	1	1	2.525227
Annual Perm 1_serv	BOBJ1	327.85	Before	Interior Girder 2	102.9679	0.95	1	1	2.525228
Annual Perm 1_serv	BOBJ1	327.85	Before	Right Exterior Girder	102.9679	0.95	1	1	2.317291

TABLE: Bridge Super Rating AASHTORATE18 26 - SteelNonCompServ-Flx - Main Span Girders									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Annual Perm 1_serv	BOBJ1	327.85	After	Left Exterior Girder	102.9679	0.95	1	1	4.475728
Annual Perm 1_serv	BOBJ1	327.85	After	Interior Girder 1	102.9679	0.95	1	1	4.942654
Annual Perm 1_serv	BOBJ1	327.85	After	Interior Girder 2	102.9679	0.95	1	1	4.942655
Annual Perm 1_serv	BOBJ1	327.85	After	Right Exterior Girder	102.9679	0.95	1	1	4.475728
Annual Perm 1_serv	BOBJ1	339.3	Before	Left Exterior Girder	114.3	0.95	1	1	3.606797
Annual Perm 1_serv	BOBJ1	339.3	Before	Interior Girder 1	114.3	0.95	1	1	4.123147
Annual Perm 1_serv	BOBJ1	339.3	Before	Interior Girder 2	114.3	0.95	1	1	4.123147
Annual Perm 1_serv	BOBJ1	339.3	Before	Right Exterior Girder	114.3	0.95	1	1	3.606797
Annual Perm 1_serv	BOBJ1	339.3	After	Left Exterior Girder	114.3	0.95	1	1	3.655231
Annual Perm 1_serv	BOBJ1	339.3	After	Interior Girder 1	114.3	0.95	1	1	4.078765
Annual Perm 1_serv	BOBJ1	339.3	After	Interior Girder 2	114.3	0.95	1	1	4.078765
Annual Perm 1_serv	BOBJ1	339.3	After	Right Exterior Girder	114.3	0.95	1	1	3.655231
Annual Perm 1_serv	BOBJ1	350.7	Before	Left Exterior Girder	125.7	0.95	1	1	3.105249
Annual Perm 1_serv	BOBJ1	350.7	Before	Interior Girder 1	125.7	0.95	1	1	3.487918
Annual Perm 1_serv	BOBJ1	350.7	Before	Interior Girder 2	125.7	0.95	1	1	3.487918
Annual Perm 1_serv	BOBJ1	350.7	Before	Right Exterior Girder	125.7	0.95	1	1	3.105249
Annual Perm 1_serv	BOBJ1	350.7	After	Left Exterior Girder	125.7	0.95	1	1	3.10664
Annual Perm 1_serv	BOBJ1	350.7	After	Interior Girder 1	125.7	0.95	1	1	3.485443
Annual Perm 1_serv	BOBJ1	350.7	After	Interior Girder 2	125.7	0.95	1	1	3.485443
Annual Perm 1_serv	BOBJ1	350.7	After	Right Exterior Girder	125.7	0.95	1	1	3.10664
Annual Perm 1_serv	BOBJ1	362.1	Before	Left Exterior Girder	137.1	0.95	1	1	2.750138
Annual Perm 1_serv	BOBJ1	362.1	Before	Interior Girder 1	137.1	0.95	1	1	3.155035
Annual Perm 1_serv	BOBJ1	362.1	Before	Interior Girder 2	137.1	0.95	1	1	3.155035
Annual Perm 1_serv	BOBJ1	362.1	Before	Right Exterior Girder	137.1	0.95	1	1	2.750138
Annual Perm 1_serv	BOBJ1	362.1	After	Left Exterior Girder	137.1	0.95	1	1	2.770102
Annual Perm 1_serv	BOBJ1	362.1	After	Interior Girder 1	137.1	0.95	1	1	3.13478
Annual Perm 1_serv	BOBJ1	362.1	After	Interior Girder 2	137.1	0.95	1	1	3.13478
Annual Perm 1_serv	BOBJ1	362.1	After	Right Exterior Girder	137.1	0.95	1	1	2.770102
Annual Perm 1_serv	BOBJ1	373.55	Before	Left Exterior Girder	148.55	0.95	1	1	2.584961
Annual Perm 1_serv	BOBJ1	373.55	Before	Interior Girder 1	148.55	0.95	1	1	2.921693
Annual Perm 1_serv	BOBJ1	373.55	Before	Interior Girder 2	148.55	0.95	1	1	2.921693
Annual Perm 1_serv	BOBJ1	373.55	Before	Right Exterior Girder	148.55	0.95	1	1	2.584961
Annual Perm 1_serv	BOBJ1	373.55	After	Left Exterior Girder	148.55	0.95	1	1	2.583492
Annual Perm 1_serv	BOBJ1	373.55	After	Interior Girder 1	148.55	0.95	1	1	2.922007
Annual Perm 1_serv	BOBJ1	373.55	After	Interior Girder 2	148.55	0.95	1	1	2.922007
Annual Perm 1_serv	BOBJ1	373.55	After	Right Exterior Girder	148.55	0.95	1	1	2.583492
Annual Perm 1_serv	BOBJ1	385	Before	Left Exterior Girder	160	0.95	1	1	2.525525
Annual Perm 1_serv	BOBJ1	385	Before	Interior Girder 1	160	0.95	1	1	2.889618
Annual Perm 1_serv	BOBJ1	385	Before	Interior Girder 2	160	0.95	1	1	2.889618
Annual Perm 1_serv	BOBJ1	385	Before	Right Exterior Girder	160	0.95	1	1	2.525525
Annual Perm 1_serv	BOBJ1	385	After	Left Exterior Girder	160	0.95	1	1	2.525525
Annual Perm 1_serv	BOBJ1	385	After	Interior Girder 1	160	0.95	1	1	2.889618
Annual Perm 1_serv	BOBJ1	385	After	Interior Girder 2	160	0.95	1	1	2.889618
Annual Perm 1_serv	BOBJ1	385	After	Right Exterior Girder	160	0.95	1	1	2.525525
Annual Perm 1_serv	BOBJ1	396.45	Before	Left Exterior Girder	171.45	0.95	1	1	2.583492
Annual Perm 1_serv	BOBJ1	396.45	Before	Interior Girder 1	171.45	0.95	1	1	2.922007
Annual Perm 1_serv	BOBJ1	396.45	Before	Interior Girder 2	171.45	0.95	1	1	2.922007
Annual Perm 1_serv	BOBJ1	396.45	Before	Right Exterior Girder	171.45	0.95	1	1	2.583492
Annual Perm 1_serv	BOBJ1	396.45	After	Left Exterior Girder	171.45	0.95	1	1	2.584961
Annual Perm 1_serv	BOBJ1	396.45	After	Interior Girder 1	171.45	0.95	1	1	2.921693
Annual Perm 1_serv	BOBJ1	396.45	After	Interior Girder 2	171.45	0.95	1	1	2.921693
Annual Perm 1_serv	BOBJ1	396.45	After	Right Exterior Girder	171.45	0.95	1	1	2.584961
Annual Perm 1_serv	BOBJ1	407.9	Before	Left Exterior Girder	182.9	0.95	1	1	2.770102
Annual Perm 1_serv	BOBJ1	407.9	Before	Interior Girder 1	182.9	0.95	1	1	3.13478
Annual Perm 1_serv	BOBJ1	407.9	Before	Interior Girder 2	182.9	0.95	1	1	3.13478
Annual Perm 1_serv	BOBJ1	407.9	Before	Right Exterior Girder	182.9	0.95	1	1	2.770102
Annual Perm 1_serv	BOBJ1	407.9	After	Left Exterior Girder	182.9	0.95	1	1	2.750138
Annual Perm 1_serv	BOBJ1	407.9	After	Interior Girder 1	182.9	0.95	1	1	3.155035
Annual Perm 1_serv	BOBJ1	407.9	After	Interior Girder 2	182.9	0.95	1	1	3.155035
Annual Perm 1_serv	BOBJ1	407.9	After	Right Exterior Girder	182.9	0.95	1	1	2.750138
Annual Perm 1_serv	BOBJ1	419.3	Before	Left Exterior Girder	194.3	0.95	1	1	3.10664
Annual Perm 1_serv	BOBJ1	419.3	Before	Interior Girder 1	194.3	0.95	1	1	3.485443
Annual Perm 1_serv	BOBJ1	419.3	Before	Interior Girder 2	194.3	0.95	1	1	3.485443
Annual Perm 1_serv	BOBJ1	419.3	Before	Right Exterior Girder	194.3	0.95	1	1	3.10664
Annual Perm 1_serv	BOBJ1	419.3	After	Left Exterior Girder	194.3	0.95	1	1	3.105249
Annual Perm 1_serv	BOBJ1	419.3	After	Interior Girder 1	194.3	0.95	1	1	3.487918
Annual Perm 1_serv	BOBJ1	419.3	After	Interior Girder 2	194.3	0.95	1	1	3.487918
Annual Perm 1_serv	BOBJ1	419.3	After	Right Exterior Girder	194.3	0.95	1	1	3.105249
Annual Perm 1_serv	BOBJ1	430.7	Before	Left Exterior Girder	205.7	0.95	1	1	3.655231
Annual Perm 1_serv	BOBJ1	430.7	Before	Interior Girder 1	205.7	0.95	1	1	4.078765

TABLE: Bridge Super Rating AASHTORATE18 26 - SteelINonCompServ-Flx - Main Span Girders									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Annual Perm 1_serv	BOBJ1	430.7	Before	Interior Girder 2	205.7	0.95	1	1	4.078765
Annual Perm 1_serv	BOBJ1	430.7	Before	Right Exterior Girder	205.7	0.95	1	1	3.655231
Annual Perm 1_serv	BOBJ1	430.7	After	Left Exterior Girder	205.7	0.95	1	1	3.606797
Annual Perm 1_serv	BOBJ1	430.7	After	Interior Girder 1	205.7	0.95	1	1	4.123147
Annual Perm 1_serv	BOBJ1	430.7	After	Interior Girder 2	205.7	0.95	1	1	4.123147
Annual Perm 1_serv	BOBJ1	430.7	After	Right Exterior Girder	205.7	0.95	1	1	3.606797
Annual Perm 1_serv	BOBJ1	442.15	Before	Left Exterior Girder	217.0321	0.95	1	1	4.467384
Annual Perm 1_serv	BOBJ1	442.15	Before	Interior Girder 1	217.0321	0.95	1	1	4.939847
Annual Perm 1_serv	BOBJ1	442.15	Before	Interior Girder 2	217.0321	0.95	1	1	4.939847
Annual Perm 1_serv	BOBJ1	442.15	Before	Right Exterior Girder	217.0321	0.95	1	1	4.467383
Annual Perm 1_serv	BOBJ1	442.15	After	Left Exterior Girder	217.0321	0.95	1	1	2.313453
Annual Perm 1_serv	BOBJ1	442.15	After	Interior Girder 1	217.0321	0.95	1	1	2.523087
Annual Perm 1_serv	BOBJ1	442.15	After	Interior Girder 2	217.0321	0.95	1	1	2.523087
Annual Perm 1_serv	BOBJ1	442.15	After	Right Exterior Girder	217.0321	0.95	1	1	2.313453
Annual Perm 1_serv	BOBJ1	453.6	Before	Left Exterior Girder	228.6	0.95	1	1	3.312959
Annual Perm 1_serv	BOBJ1	453.6	Before	Interior Girder 1	228.6	0.95	1	1	3.533286
Annual Perm 1_serv	BOBJ1	453.6	Before	Interior Girder 2	228.6	0.95	1	1	3.533286
Annual Perm 1_serv	BOBJ1	453.6	Before	Right Exterior Girder	228.6	0.95	1	1	3.312958
Annual Perm 1_serv	BOBJ1	453.6	After	Left Exterior Girder	228.6	0.95	1	1	3.233385
Annual Perm 1_serv	BOBJ1	453.6	After	Interior Girder 1	228.6	0.95	1	1	3.598891
Annual Perm 1_serv	BOBJ1	453.6	After	Interior Girder 2	228.6	0.95	1	1	3.598891
Annual Perm 1_serv	BOBJ1	453.6	After	Right Exterior Girder	228.6	0.95	1	1	3.233384
Annual Perm 1_serv	BOBJ1	463.0439	Before	Left Exterior Girder	238.0439	0.95	1	1	4.490844
Annual Perm 1_serv	BOBJ1	463.0439	Before	Interior Girder 1	238.0439	0.95	1	1	4.739593
Annual Perm 1_serv	BOBJ1	463.0439	Before	Interior Girder 2	238.0439	0.95	1	1	4.739594
Annual Perm 1_serv	BOBJ1	463.0439	Before	Right Exterior Girder	238.0439	0.95	1	1	4.490843
Annual Perm 1_serv	BOBJ1	463.0439	After	Left Exterior Girder	238.0439	0.95	1	1	1.716616
Annual Perm 1_serv	BOBJ1	463.0439	After	Interior Girder 1	238.0439	0.95	1	1	1.794567
Annual Perm 1_serv	BOBJ1	463.0439	After	Interior Girder 2	238.0439	0.95	1	1	1.794567
Annual Perm 1_serv	BOBJ1	463.0439	After	Right Exterior Girder	238.0439	0.95	1	1	1.716616
Annual Perm 1_serv	BOBJ1	465	Before	Left Exterior Girder	240	0.95	1	1	1.958453
Annual Perm 1_serv	BOBJ1	465	Before	Interior Girder 1	240	0.95	1	1	2.007476
Annual Perm 1_serv	BOBJ1	465	Before	Interior Girder 2	240	0.95	1	1	2.007476
Annual Perm 1_serv	BOBJ1	465	Before	Right Exterior Girder	240	0.95	1	1	1.958453
Annual Perm 1_serv	BOBJ1	465	After	Left Exterior Girder	240	0.95	1	1	1.956195
Annual Perm 1_serv	BOBJ1	465	After	Interior Girder 1	240	0.95	1	1	2.008895
Annual Perm 1_serv	BOBJ1	465	After	Interior Girder 2	240	0.95	1	1	2.008895
Annual Perm 1_serv	BOBJ1	465	After	Right Exterior Girder	240	0.95	1	1	1.956194
Annual Perm 1_serv	BOBJ1	476.4	Before	Left Exterior Girder	251.4	0.95	1	1	3.835811
Annual Perm 1_serv	BOBJ1	476.4	Before	Interior Girder 1	251.4	0.95	1	1	3.700524
Annual Perm 1_serv	BOBJ1	476.4	Before	Interior Girder 2	251.4	0.95	1	1	3.700524
Annual Perm 1_serv	BOBJ1	476.4	Before	Right Exterior Girder	251.4	0.95	1	1	3.83581
Annual Perm 1_serv	BOBJ1	476.4	After	Left Exterior Girder	251.4	0.95	1	1	3.63417
Annual Perm 1_serv	BOBJ1	476.4	After	Interior Girder 1	251.4	0.95	1	1	3.720478
Annual Perm 1_serv	BOBJ1	476.4	After	Interior Girder 2	251.4	0.95	1	1	3.720479
Annual Perm 1_serv	BOBJ1	476.4	After	Right Exterior Girder	251.4	0.95	1	1	3.63417
Annual Perm 1_serv	BOBJ1	487.85	Before	Left Exterior Girder	262.85	0.95	1	1	4.740894
Annual Perm 1_serv	BOBJ1	487.85	Before	Interior Girder 1	262.85	0.95	1	1	5.427527
Annual Perm 1_serv	BOBJ1	487.85	Before	Interior Girder 2	262.85	0.95	1	1	5.427527
Annual Perm 1_serv	BOBJ1	487.85	Before	Right Exterior Girder	262.85	0.95	1	1	4.740894
Annual Perm 1_serv	BOBJ1	487.85	After	Left Exterior Girder	262.85	0.95	1	1	4.743044
Annual Perm 1_serv	BOBJ1	487.85	After	Interior Girder 1	262.85	0.95	1	1	5.420594
Annual Perm 1_serv	BOBJ1	487.85	After	Interior Girder 2	262.85	0.95	1	1	5.420594
Annual Perm 1_serv	BOBJ1	487.85	After	Right Exterior Girder	262.85	0.95	1	1	4.743044
Annual Perm 1_serv	BOBJ1	496.3126	Before	Left Exterior Girder	271.3126	0.95	1	1	3.066302
Annual Perm 1_serv	BOBJ1	496.3126	Before	Interior Girder 1	271.3126	0.95	1	1	3.469124
Annual Perm 1_serv	BOBJ1	496.3126	Before	Interior Girder 2	271.3126	0.95	1	1	3.469124
Annual Perm 1_serv	BOBJ1	496.3126	Before	Right Exterior Girder	271.3126	0.95	1	1	3.066303
Annual Perm 1_serv	BOBJ1	496.3126	After	Left Exterior Girder	271.3126	0.95	1	1	6.999583
Annual Perm 1_serv	BOBJ1	496.3126	After	Interior Girder 1	271.3126	0.95	1	1	7.94147
Annual Perm 1_serv	BOBJ1	496.3126	After	Interior Girder 2	271.3126	0.95	1	1	7.94147
Annual Perm 1_serv	BOBJ1	496.3126	After	Right Exterior Girder	271.3126	0.95	1	1	6.999584
Annual Perm 1_serv	BOBJ1	499.3	Before	Left Exterior Girder	274.3	0.95	1	1	6.339226
Annual Perm 1_serv	BOBJ1	499.3	Before	Interior Girder 1	274.3	0.95	1	1	7.171906
Annual Perm 1_serv	BOBJ1	499.3	Before	Interior Girder 2	274.3	0.95	1	1	7.171905
Annual Perm 1_serv	BOBJ1	499.3	Before	Right Exterior Girder	274.3	0.95	1	1	6.339226
Annual Perm 1_serv	BOBJ1	499.3	After	Left Exterior Girder	274.3	0.95	1	1	6.218314
Annual Perm 1_serv	BOBJ1	499.3	After	Interior Girder 1	274.3	0.95	1	1	7.234073
Annual Perm 1_serv	BOBJ1	499.3	After	Interior Girder 2	274.3	0.95	1	1	7.234073
Annual Perm 1_serv	BOBJ1	499.3	After	Right Exterior Girder	274.3	0.95	1	1	6.218314

TABLE: Bridge Super Rating AASHTORATE18 26 - SteelINonCompServ-Flx - Main Span Girders									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Annual Perm 1_serv	BOBJ1	503.8969	Before	Left Exterior Girder	278.8969	0.95	1	1	5.271896
Annual Perm 1_serv	BOBJ1	503.8969	Before	Interior Girder 1	278.8969	0.95	1	1	6.067553
Annual Perm 1_serv	BOBJ1	503.8969	Before	Interior Girder 2	278.8969	0.95	1	1	6.067552
Annual Perm 1_serv	BOBJ1	503.8969	Before	Right Exterior Girder	278.8969	0.95	1	1	5.271896
Annual Perm 1_serv	BOBJ1	503.8969	After	Left Exterior Girder	278.8969	0.95	1	1	9.608081
Annual Perm 1_serv	BOBJ1	503.8969	After	Interior Girder 1	278.8969	0.95	1	1	11.190968
Annual Perm 1_serv	BOBJ1	503.8969	After	Interior Girder 2	278.8969	0.95	1	1	11.190968
Annual Perm 1_serv	BOBJ1	503.8969	After	Right Exterior Girder	278.8969	0.95	1	1	9.608082
Annual Perm 1_serv	BOBJ1	510.7	Before	Left Exterior Girder	285.7	0.95	1	1	8.164905
Annual Perm 1_serv	BOBJ1	510.7	Before	Interior Girder 1	285.7	0.95	1	1	9.324088
Annual Perm 1_serv	BOBJ1	510.7	Before	Interior Girder 2	285.7	0.95	1	1	9.324088
Annual Perm 1_serv	BOBJ1	510.7	Before	Right Exterior Girder	285.7	0.95	1	1	8.164905
Annual Perm 1_serv	BOBJ1	510.7	After	Left Exterior Girder	285.7	0.95	1	1	8.160922
Annual Perm 1_serv	BOBJ1	510.7	After	Interior Girder 1	285.7	0.95	1	1	9.323096
Annual Perm 1_serv	BOBJ1	510.7	After	Interior Girder 2	285.7	0.95	1	1	9.323096
Annual Perm 1_serv	BOBJ1	510.7	After	Right Exterior Girder	285.7	0.95	1	1	8.160922
Annual Perm 1_serv	BOBJ1	511.4811	Before	Left Exterior Girder	286.4811	0.95	1	1	7.993294
Annual Perm 1_serv	BOBJ1	511.4811	Before	Interior Girder 1	286.4811	0.95	1	1	9.117645
Annual Perm 1_serv	BOBJ1	511.4811	Before	Interior Girder 2	286.4811	0.95	1	1	9.117644
Annual Perm 1_serv	BOBJ1	511.4811	Before	Right Exterior Girder	286.4811	0.95	1	1	7.993294
Annual Perm 1_serv	BOBJ1	511.4811	After	Left Exterior Girder	286.4811	0.95	1	1	11.429334
Annual Perm 1_serv	BOBJ1	511.4811	After	Interior Girder 1	286.4811	0.95	1	1	13.19672
Annual Perm 1_serv	BOBJ1	511.4811	After	Interior Girder 2	286.4811	0.95	1	1	13.196719
Annual Perm 1_serv	BOBJ1	511.4811	After	Right Exterior Girder	286.4811	0.95	1	1	11.429334
Annual Perm 1_serv	BOBJ1	522.1	Before	Left Exterior Girder	297.1	0.95	1	1	7.786297
Annual Perm 1_serv	BOBJ1	522.1	Before	Interior Girder 1	297.1	0.95	1	1	10.15862
Annual Perm 1_serv	BOBJ1	522.1	Before	Interior Girder 2	297.1	0.95	1	1	10.15862
Annual Perm 1_serv	BOBJ1	522.1	Before	Right Exterior Girder	297.1	0.95	1	1	7.786297
Annual Perm 1_serv	BOBJ1	522.1	After	Left Exterior Girder	297.1	0.95	1	1	8.030178
Annual Perm 1_serv	BOBJ1	522.1	After	Interior Girder 1	297.1	0.95	1	1	10.224128
Annual Perm 1_serv	BOBJ1	522.1	After	Interior Girder 2	297.1	0.95	1	1	10.224128
Annual Perm 1_serv	BOBJ1	522.1	After	Right Exterior Girder	297.1	0.95	1	1	8.030178
Annual Perm 1_serv	BOBJ1	530.4918	Before	Left Exterior Girder	305.4918	0.95	1	1	5.17431
Annual Perm 1_serv	BOBJ1	530.4918	Before	Interior Girder 1	305.4918	0.95	1	1	6.491818
Annual Perm 1_serv	BOBJ1	530.4918	Before	Interior Girder 2	305.4918	0.95	1	1	6.491819
Annual Perm 1_serv	BOBJ1	530.4918	Before	Right Exterior Girder	305.4918	0.95	1	1	5.17431
Annual Perm 1_serv	BOBJ1	530.4918	After	Left Exterior Girder	305.4918	0.95	1	1	7.636402
Annual Perm 1_serv	BOBJ1	530.4918	After	Interior Girder 1	305.4918	0.95	1	1	9.531305
Annual Perm 1_serv	BOBJ1	530.4918	After	Interior Girder 2	305.4918	0.95	1	1	9.531306
Annual Perm 1_serv	BOBJ1	530.4918	After	Right Exterior Girder	305.4918	0.95	1	1	7.636401
Annual Perm 1_serv	BOBJ1	533.55	Before	Left Exterior Girder	308.55	0.95	1	1	6.620094
Annual Perm 1_serv	BOBJ1	533.55	Before	Interior Girder 1	308.55	0.95	1	1	8.199402
Annual Perm 1_serv	BOBJ1	533.55	Before	Interior Girder 2	308.55	0.95	1	1	8.199403
Annual Perm 1_serv	BOBJ1	533.55	Before	Right Exterior Girder	308.55	0.95	1	1	6.620094
Annual Perm 1_serv	BOBJ1	533.55	After	Left Exterior Girder	308.55	0.95	1	1	6.609499
Annual Perm 1_serv	BOBJ1	533.55	After	Interior Girder 1	308.55	0.95	1	1	8.196108
Annual Perm 1_serv	BOBJ1	533.55	After	Interior Girder 2	308.55	0.95	1	1	8.196109
Annual Perm 1_serv	BOBJ1	533.55	After	Right Exterior Girder	308.55	0.95	1	1	6.609499
Annual Perm 1_serv	BOBJ1	545	Before	Left Exterior Girder	320	0.95	1	1	3.848307
Annual Perm 1_serv	BOBJ1	545	Before	Interior Girder 1	320	0.95	1	1	4.526235
Annual Perm 1_serv	BOBJ1	545	Before	Interior Girder 2	320	0.95	1	1	4.526236
Annual Perm 1_serv	BOBJ1	545	Before	Right Exterior Girder	320	0.95	1	1	3.848307
Annual Perm 1_serv	BOBJ1	545	After	Left Exterior Girder	0	0.95	1	1	4.283915
Annual Perm 1_serv	BOBJ1	545	After	Interior Girder 1	0	0.95	1	1	4.833403
Annual Perm 1_serv	BOBJ1	545	After	Interior Girder 2	0	0.95	1	1	4.833403
Annual Perm 1_serv	BOBJ1	545	After	Right Exterior Girder	0	0.95	1	1	4.283915
Annual Perm 1_serv	BOBJ1	556.25	Before	Left Exterior Girder	11.25	0.95	1	1	7.005902
Annual Perm 1_serv	BOBJ1	556.25	Before	Interior Girder 1	11.25	0.95	1	1	8.567491
Annual Perm 1_serv	BOBJ1	556.25	Before	Interior Girder 2	11.25	0.95	1	1	8.56749
Annual Perm 1_serv	BOBJ1	556.25	Before	Right Exterior Girder	11.25	0.95	1	1	7.005902
Annual Perm 1_serv	BOBJ1	556.25	After	Left Exterior Girder	11.25	0.95	1	1	7.007456
Annual Perm 1_serv	BOBJ1	556.25	After	Interior Girder 1	11.25	0.95	1	1	8.588574
Annual Perm 1_serv	BOBJ1	556.25	After	Interior Girder 2	11.25	0.95	1	1	8.588574
Annual Perm 1_serv	BOBJ1	556.25	After	Right Exterior Girder	11.25	0.95	1	1	7.007456
Annual Perm 1_serv	BOBJ1	559.4358	Before	Left Exterior Girder	14.4358	0.95	1	1	7.894512
Annual Perm 1_serv	BOBJ1	559.4358	Before	Interior Girder 1	14.4358	0.95	1	1	9.805449
Annual Perm 1_serv	BOBJ1	559.4358	Before	Interior Girder 2	14.4358	0.95	1	1	9.805449
Annual Perm 1_serv	BOBJ1	559.4358	Before	Right Exterior Girder	14.4358	0.95	1	1	7.894512
Annual Perm 1_serv	BOBJ1	559.4358	After	Left Exterior Girder	14.4358	0.95	1	1	5.333107
Annual Perm 1_serv	BOBJ1	559.4358	After	Interior Girder 1	14.4358	0.95	1	1	6.580121

TABLE: Bridge Super Rating AASHTORATE18 26 - SteelINonCompServ-Flx - Main Span Girders									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Annual Perm 1_serv	BOBJ1	559.4358	After	Interior Girder 2	14.4358	0.95	1	1	6.580121
Annual Perm 1_serv	BOBJ1	559.4358	After	Right Exterior Girder	14.4358	0.95	1	1	5.333107
Annual Perm 1_serv	BOBJ1	567.5	Before	Left Exterior Girder	22.5	0.95	1	1	7.484166
Annual Perm 1_serv	BOBJ1	567.5	Before	Interior Girder 1	22.5	0.95	1	1	8.568814
Annual Perm 1_serv	BOBJ1	567.5	Before	Interior Girder 2	22.5	0.95	1	1	8.568814
Annual Perm 1_serv	BOBJ1	567.5	Before	Right Exterior Girder	22.5	0.95	1	1	7.484166
Annual Perm 1_serv	BOBJ1	567.5	After	Left Exterior Girder	22.5	0.95	1	1	7.360422
Annual Perm 1_serv	BOBJ1	567.5	After	Interior Girder 1	22.5	0.95	1	1	8.339308
Annual Perm 1_serv	BOBJ1	567.5	After	Interior Girder 2	22.5	0.95	1	1	8.339308
Annual Perm 1_serv	BOBJ1	567.5	After	Right Exterior Girder	22.5	0.95	1	1	7.360422
Annual Perm 1_serv	BOBJ1	570.0586	Before	Left Exterior Girder	25.0586	0.95	1	1	8.138045
Annual Perm 1_serv	BOBJ1	570.0586	Before	Interior Girder 1	25.0586	0.95	1	1	8.894388
Annual Perm 1_serv	BOBJ1	570.0586	Before	Interior Girder 2	25.0586	0.95	1	1	8.894388
Annual Perm 1_serv	BOBJ1	570.0586	Before	Right Exterior Girder	25.0586	0.95	1	1	8.138044
Annual Perm 1_serv	BOBJ1	570.0586	After	Left Exterior Girder	25.0586	0.95	1	1	4.990361
Annual Perm 1_serv	BOBJ1	570.0586	After	Interior Girder 1	25.0586	0.95	1	1	5.43981
Annual Perm 1_serv	BOBJ1	570.0586	After	Interior Girder 2	25.0586	0.95	1	1	5.43981
Annual Perm 1_serv	BOBJ1	570.0586	After	Right Exterior Girder	25.0586	0.95	1	1	4.990361
Annual Perm 1_serv	BOBJ1	578.75	Before	Left Exterior Girder	33.75	0.95	1	1	6.411551
Annual Perm 1_serv	BOBJ1	578.75	Before	Interior Girder 1	33.75	0.95	1	1	7.170445
Annual Perm 1_serv	BOBJ1	578.75	Before	Interior Girder 2	33.75	0.95	1	1	7.170445
Annual Perm 1_serv	BOBJ1	578.75	Before	Right Exterior Girder	33.75	0.95	1	1	6.411551
Annual Perm 1_serv	BOBJ1	578.75	After	Left Exterior Girder	33.75	0.95	1	1	6.399317
Annual Perm 1_serv	BOBJ1	578.75	After	Interior Girder 1	33.75	0.95	1	1	7.173751
Annual Perm 1_serv	BOBJ1	578.75	After	Interior Girder 2	33.75	0.95	1	1	7.173751
Annual Perm 1_serv	BOBJ1	578.75	After	Right Exterior Girder	33.75	0.95	1	1	6.399317
Annual Perm 1_serv	BOBJ1	586.8142	Before	Left Exterior Girder	41.8142	0.95	1	1	7.762008
Annual Perm 1_serv	BOBJ1	586.8142	Before	Interior Girder 1	41.8142	0.95	1	1	8.879949
Annual Perm 1_serv	BOBJ1	586.8142	Before	Interior Girder 2	41.8142	0.95	1	1	8.879949
Annual Perm 1_serv	BOBJ1	586.8142	Before	Right Exterior Girder	41.8142	0.95	1	1	7.762008
Annual Perm 1_serv	BOBJ1	586.8142	After	Left Exterior Girder	41.8142	0.95	1	1	3.706781
Annual Perm 1_serv	BOBJ1	586.8142	After	Interior Girder 1	41.8142	0.95	1	1	4.253037
Annual Perm 1_serv	BOBJ1	586.8142	After	Interior Girder 2	41.8142	0.95	1	1	4.253037
Annual Perm 1_serv	BOBJ1	586.8142	After	Right Exterior Girder	41.8142	0.95	1	1	3.706781
Annual Perm 1_serv	BOBJ1	590	Before	Left Exterior Girder	45	0.95	1	1	4.179081
Annual Perm 1_serv	BOBJ1	590	Before	Interior Girder 1	45	0.95	1	1	4.8383
Annual Perm 1_serv	BOBJ1	590	Before	Interior Girder 2	45	0.95	1	1	4.8383
Annual Perm 1_serv	BOBJ1	590	Before	Right Exterior Girder	45	0.95	1	1	4.179081
Annual Perm 1_serv	BOBJ1	590	After	Left Exterior Girder	45	0.95	1	1	4.268619
Annual Perm 1_serv	BOBJ1	590	After	Interior Girder 1	45	0.95	1	1	4.756981
Annual Perm 1_serv	BOBJ1	590	After	Interior Girder 2	45	0.95	1	1	4.756981
Annual Perm 1_serv	BOBJ1	590	After	Right Exterior Girder	45	0.95	1	1	4.268619
Annual Perm 1_serv	BOBJ1	601.25	Before	Left Exterior Girder	56.25	0.95	1	1	6.020648
Annual Perm 1_serv	BOBJ1	601.25	Before	Interior Girder 1	56.25	0.95	1	1	6.841684
Annual Perm 1_serv	BOBJ1	601.25	Before	Interior Girder 2	56.25	0.95	1	1	6.841684
Annual Perm 1_serv	BOBJ1	601.25	Before	Right Exterior Girder	56.25	0.95	1	1	6.020648
Annual Perm 1_serv	BOBJ1	601.25	After	Left Exterior Girder	56.25	0.95	1	1	6.012457
Annual Perm 1_serv	BOBJ1	601.25	After	Interior Girder 1	56.25	0.95	1	1	6.845748
Annual Perm 1_serv	BOBJ1	601.25	After	Interior Girder 2	56.25	0.95	1	1	6.845748
Annual Perm 1_serv	BOBJ1	601.25	After	Right Exterior Girder	56.25	0.95	1	1	6.012457
Annual Perm 1_serv	BOBJ1	601.7478	Before	Left Exterior Girder	56.7478	0.95	1	1	6.091907
Annual Perm 1_serv	BOBJ1	601.7478	Before	Interior Girder 1	56.7478	0.95	1	1	6.943044
Annual Perm 1_serv	BOBJ1	601.7478	Before	Interior Girder 2	56.7478	0.95	1	1	6.943044
Annual Perm 1_serv	BOBJ1	601.7478	Before	Right Exterior Girder	56.7478	0.95	1	1	6.091907
Annual Perm 1_serv	BOBJ1	601.7478	After	Left Exterior Girder	56.7478	0.95	1	1	2.421615
Annual Perm 1_serv	BOBJ1	601.7478	After	Interior Girder 1	56.7478	0.95	1	1	2.781912
Annual Perm 1_serv	BOBJ1	601.7478	After	Interior Girder 2	56.7478	0.95	1	1	2.781912
Annual Perm 1_serv	BOBJ1	601.7478	After	Right Exterior Girder	56.7478	0.95	1	1	2.421615
Annual Perm 1_serv	BOBJ1	612.5	Before	Left Exterior Girder	67.5	0.95	1	1	3.934107
Annual Perm 1_serv	BOBJ1	612.5	Before	Interior Girder 1	67.5	0.95	1	1	4.573306
Annual Perm 1_serv	BOBJ1	612.5	Before	Interior Girder 2	67.5	0.95	1	1	4.573306
Annual Perm 1_serv	BOBJ1	612.5	Before	Right Exterior Girder	67.5	0.95	1	1	3.934107
Annual Perm 1_serv	BOBJ1	612.5	After	Left Exterior Girder	67.5	0.95	1	1	3.938527
Annual Perm 1_serv	BOBJ1	612.5	After	Interior Girder 1	67.5	0.95	1	1	4.490733
Annual Perm 1_serv	BOBJ1	612.5	After	Interior Girder 2	67.5	0.95	1	1	4.490733
Annual Perm 1_serv	BOBJ1	612.5	After	Right Exterior Girder	67.5	0.95	1	1	3.938527
Annual Perm 1_serv	BOBJ1	623.75	Before	Left Exterior Girder	78.75	0.95	1	1	3.612318
Annual Perm 1_serv	BOBJ1	623.75	Before	Interior Girder 1	78.75	0.95	1	1	3.835622
Annual Perm 1_serv	BOBJ1	623.75	Before	Interior Girder 2	78.75	0.95	1	1	3.835622
Annual Perm 1_serv	BOBJ1	623.75	Before	Right Exterior Girder	78.75	0.95	1	1	3.612318

TABLE: Bridge Super Rating AASHTORATE18 26 - SteelNonCompServ-Flx - Main Span Girders									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Annual Perm 1_serv	BOBJ1	623.75	After	Left Exterior Girder	78.75	0.95	1	1	3.624928
Annual Perm 1_serv	BOBJ1	623.75	After	Interior Girder 1	78.75	0.95	1	1	3.831167
Annual Perm 1_serv	BOBJ1	623.75	After	Interior Girder 2	78.75	0.95	1	1	3.831167
Annual Perm 1_serv	BOBJ1	623.75	After	Right Exterior Girder	78.75	0.95	1	1	3.624928
Annual Perm 1_serv	BOBJ1	635	Before	Left Exterior Girder	90	0.95	1	1	2.464144
Annual Perm 1_serv	BOBJ1	635	Before	Interior Girder 1	90	0.95	1	1	2.798763
Annual Perm 1_serv	BOBJ1	635	Before	Interior Girder 2	90	0.95	1	1	2.798763
Annual Perm 1_serv	BOBJ1	635	Before	Right Exterior Girder	90	0.95	1	1	2.464144
Annual Perm 1_serv	BOBJ1	635	After	Left Exterior Girder	90	0.95	1	1	2.533671
Annual Perm 1_serv	BOBJ1	635	After	Interior Girder 1	90	0.95	1	1	2.761223
Annual Perm 1_serv	BOBJ1	635	After	Interior Girder 2	90	0.95	1	1	2.761223
Annual Perm 1_serv	BOBJ1	635	After	Right Exterior Girder	90	0.95	1	1	2.533671
Annual Perm 1_serv	BOBJ1	643.5619	Before	Left Exterior Girder	98.5619	0.95	1	1	1.946595
Annual Perm 1_serv	BOBJ1	643.5619	Before	Interior Girder 1	98.5619	0.95	1	1	2.168496
Annual Perm 1_serv	BOBJ1	643.5619	Before	Interior Girder 2	98.5619	0.95	1	1	2.168496
Annual Perm 1_serv	BOBJ1	643.5619	Before	Right Exterior Girder	98.5619	0.95	1	1	1.946596
Annual Perm 1_serv	BOBJ1	643.5619	After	Left Exterior Girder	98.5619	0.95	1	1	3.693322
Annual Perm 1_serv	BOBJ1	643.5619	After	Interior Girder 1	98.5619	0.95	1	1	4.097656
Annual Perm 1_serv	BOBJ1	643.5619	After	Interior Girder 2	98.5619	0.95	1	1	4.097655
Annual Perm 1_serv	BOBJ1	643.5619	After	Right Exterior Girder	98.5619	0.95	1	1	3.693322
Annual Perm 1_serv	BOBJ1	646.25	Before	Left Exterior Girder	101.25	0.95	1	1	3.498724
Annual Perm 1_serv	BOBJ1	646.25	Before	Interior Girder 1	101.25	0.95	1	1	3.916857
Annual Perm 1_serv	BOBJ1	646.25	Before	Interior Girder 2	101.25	0.95	1	1	3.916857
Annual Perm 1_serv	BOBJ1	646.25	Before	Right Exterior Girder	101.25	0.95	1	1	3.498724
Annual Perm 1_serv	BOBJ1	646.25	After	Left Exterior Girder	101.25	0.95	1	1	3.501377
Annual Perm 1_serv	BOBJ1	646.25	After	Interior Girder 1	101.25	0.95	1	1	3.918569
Annual Perm 1_serv	BOBJ1	646.25	After	Interior Girder 2	101.25	0.95	1	1	3.918569
Annual Perm 1_serv	BOBJ1	646.25	After	Right Exterior Girder	101.25	0.95	1	1	3.501377
Annual Perm 1_serv	BOBJ1	657.5	Before	Left Exterior Girder	112.5	0.95	1	1	2.889622
Annual Perm 1_serv	BOBJ1	657.5	Before	Interior Girder 1	112.5	0.95	1	1	3.35045
Annual Perm 1_serv	BOBJ1	657.5	Before	Interior Girder 2	112.5	0.95	1	1	3.350449
Annual Perm 1_serv	BOBJ1	657.5	Before	Right Exterior Girder	112.5	0.95	1	1	2.889622
Annual Perm 1_serv	BOBJ1	657.5	After	Left Exterior Girder	112.5	0.95	1	1	2.917103
Annual Perm 1_serv	BOBJ1	657.5	After	Interior Girder 1	112.5	0.95	1	1	3.328226
Annual Perm 1_serv	BOBJ1	657.5	After	Interior Girder 2	112.5	0.95	1	1	3.328225
Annual Perm 1_serv	BOBJ1	657.5	After	Right Exterior Girder	112.5	0.95	1	1	2.917103
Annual Perm 1_serv	BOBJ1	668.75	Before	Left Exterior Girder	123.75	0.95	1	1	2.556128
Annual Perm 1_serv	BOBJ1	668.75	Before	Interior Girder 1	123.75	0.95	1	1	2.925678
Annual Perm 1_serv	BOBJ1	668.75	Before	Interior Girder 2	123.75	0.95	1	1	2.925678
Annual Perm 1_serv	BOBJ1	668.75	Before	Right Exterior Girder	123.75	0.95	1	1	2.556127
Annual Perm 1_serv	BOBJ1	668.75	After	Left Exterior Girder	123.75	0.95	1	1	2.558669
Annual Perm 1_serv	BOBJ1	668.75	After	Interior Girder 1	123.75	0.95	1	1	2.924431
Annual Perm 1_serv	BOBJ1	668.75	After	Interior Girder 2	123.75	0.95	1	1	2.924431
Annual Perm 1_serv	BOBJ1	668.75	After	Right Exterior Girder	123.75	0.95	1	1	2.558668
Annual Perm 1_serv	BOBJ1	680	Before	Left Exterior Girder	135	0.95	1	1	2.341084
Annual Perm 1_serv	BOBJ1	680	Before	Interior Girder 1	135	0.95	1	1	2.708305
Annual Perm 1_serv	BOBJ1	680	Before	Interior Girder 2	135	0.95	1	1	2.708305
Annual Perm 1_serv	BOBJ1	680	Before	Right Exterior Girder	135	0.95	1	1	2.341084
Annual Perm 1_serv	BOBJ1	680	After	Left Exterior Girder	135	0.95	1	1	2.334142
Annual Perm 1_serv	BOBJ1	680	After	Interior Girder 1	135	0.95	1	1	2.72683
Annual Perm 1_serv	BOBJ1	680	After	Interior Girder 2	135	0.95	1	1	2.72683
Annual Perm 1_serv	BOBJ1	680	After	Right Exterior Girder	135	0.95	1	1	2.334142
Annual Perm 1_serv	BOBJ1	691.25	Before	Left Exterior Girder	146.25	0.95	1	1	2.275619
Annual Perm 1_serv	BOBJ1	691.25	Before	Interior Girder 1	146.25	0.95	1	1	2.599547
Annual Perm 1_serv	BOBJ1	691.25	Before	Interior Girder 2	146.25	0.95	1	1	2.599547
Annual Perm 1_serv	BOBJ1	691.25	Before	Right Exterior Girder	146.25	0.95	1	1	2.275619
Annual Perm 1_serv	BOBJ1	691.25	After	Left Exterior Girder	146.25	0.95	1	1	2.274443
Annual Perm 1_serv	BOBJ1	691.25	After	Interior Girder 1	146.25	0.95	1	1	2.601852
Annual Perm 1_serv	BOBJ1	691.25	After	Interior Girder 2	146.25	0.95	1	1	2.601852
Annual Perm 1_serv	BOBJ1	691.25	After	Right Exterior Girder	146.25	0.95	1	1	2.274443
Annual Perm 1_serv	BOBJ1	702.5	Before	Left Exterior Girder	157.5	0.95	1	1	2.362501
Annual Perm 1_serv	BOBJ1	702.5	Before	Interior Girder 1	157.5	0.95	1	1	2.679066
Annual Perm 1_serv	BOBJ1	702.5	Before	Interior Girder 2	157.5	0.95	1	1	2.679066
Annual Perm 1_serv	BOBJ1	702.5	Before	Right Exterior Girder	157.5	0.95	1	1	2.362501
Annual Perm 1_serv	BOBJ1	702.5	After	Left Exterior Girder	157.5	0.95	1	1	2.321722
Annual Perm 1_serv	BOBJ1	702.5	After	Interior Girder 1	157.5	0.95	1	1	2.712396
Annual Perm 1_serv	BOBJ1	702.5	After	Interior Girder 2	157.5	0.95	1	1	2.712396
Annual Perm 1_serv	BOBJ1	702.5	After	Right Exterior Girder	157.5	0.95	1	1	2.321721
Annual Perm 1_serv	BOBJ1	713.75	Before	Left Exterior Girder	168.75	0.95	1	1	2.626745
Annual Perm 1_serv	BOBJ1	713.75	Before	Interior Girder 1	168.75	0.95	1	1	2.943704

TABLE: Bridge Super Rating AASHTORATE18 26 - SteelNonCompServ-Flx - Main Span Girders									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Annual Perm 1_serv	BOBJ1	713.75	Before	Interior Girder 2	168.75	0.95	1	1	2.943704
Annual Perm 1_serv	BOBJ1	713.75	Before	Right Exterior Girder	168.75	0.95	1	1	2.626745
Annual Perm 1_serv	BOBJ1	713.75	After	Left Exterior Girder	168.75	0.95	1	1	2.620976
Annual Perm 1_serv	BOBJ1	713.75	After	Interior Girder 1	168.75	0.95	1	1	2.949753
Annual Perm 1_serv	BOBJ1	713.75	After	Interior Girder 2	168.75	0.95	1	1	2.949753
Annual Perm 1_serv	BOBJ1	713.75	After	Right Exterior Girder	168.75	0.95	1	1	2.620976
Annual Perm 1_serv	BOBJ1	725	Before	Left Exterior Girder	180	0.95	1	1	3.210204
Annual Perm 1_serv	BOBJ1	725	Before	Interior Girder 1	180	0.95	1	1	3.489913
Annual Perm 1_serv	BOBJ1	725	Before	Interior Girder 2	180	0.95	1	1	3.489914
Annual Perm 1_serv	BOBJ1	725	Before	Right Exterior Girder	180	0.95	1	1	3.210204
Annual Perm 1_serv	BOBJ1	725	After	Left Exterior Girder	180	0.95	1	1	3.11252
Annual Perm 1_serv	BOBJ1	725	After	Interior Girder 1	180	0.95	1	1	3.575933
Annual Perm 1_serv	BOBJ1	725	After	Interior Girder 2	180	0.95	1	1	3.575933
Annual Perm 1_serv	BOBJ1	725	After	Right Exterior Girder	180	0.95	1	1	3.11252
Annual Perm 1_serv	BOBJ1	731.1726	Before	Left Exterior Girder	186.1726	0.95	1	1	3.613069
Annual Perm 1_serv	BOBJ1	731.1726	Before	Interior Girder 1	186.1726	0.95	1	1	4.005911
Annual Perm 1_serv	BOBJ1	731.1726	Before	Interior Girder 2	186.1726	0.95	1	1	4.005911
Annual Perm 1_serv	BOBJ1	731.1726	Before	Right Exterior Girder	186.1726	0.95	1	1	3.613069
Annual Perm 1_serv	BOBJ1	731.1726	After	Left Exterior Girder	186.1726	0.95	1	1	1.546067
Annual Perm 1_serv	BOBJ1	731.1726	After	Interior Girder 1	186.1726	0.95	1	1	1.717211
Annual Perm 1_serv	BOBJ1	731.1726	After	Interior Girder 2	186.1726	0.95	1	1	1.717211
Annual Perm 1_serv	BOBJ1	731.1726	After	Right Exterior Girder	186.1726	0.95	1	1	1.546067
Annual Perm 1_serv	BOBJ1	736.25	Before	Left Exterior Girder	191.25	0.95	1	1	1.898142
Annual Perm 1_serv	BOBJ1	736.25	Before	Interior Girder 1	191.25	0.95	1	1	2.030114
Annual Perm 1_serv	BOBJ1	736.25	Before	Interior Girder 2	191.25	0.95	1	1	2.030114
Annual Perm 1_serv	BOBJ1	736.25	Before	Right Exterior Girder	191.25	0.95	1	1	1.898142
Annual Perm 1_serv	BOBJ1	736.25	After	Left Exterior Girder	191.25	0.95	1	1	1.888879
Annual Perm 1_serv	BOBJ1	736.25	After	Interior Girder 1	191.25	0.95	1	1	2.03249
Annual Perm 1_serv	BOBJ1	736.25	After	Interior Girder 2	191.25	0.95	1	1	2.03249
Annual Perm 1_serv	BOBJ1	736.25	After	Right Exterior Girder	191.25	0.95	1	1	1.888879
Annual Perm 1_serv	BOBJ1	747.5	Before	Left Exterior Girder	202.5	0.95	1	1	3.313127
Annual Perm 1_serv	BOBJ1	747.5	Before	Interior Girder 1	202.5	0.95	1	1	3.292946
Annual Perm 1_serv	BOBJ1	747.5	Before	Interior Girder 2	202.5	0.95	1	1	3.292946
Annual Perm 1_serv	BOBJ1	747.5	Before	Right Exterior Girder	202.5	0.95	1	1	3.313127
Annual Perm 1_serv	BOBJ1	747.5	After	Left Exterior Girder	202.5	0.95	1	1	3.101006
Annual Perm 1_serv	BOBJ1	747.5	After	Interior Girder 1	202.5	0.95	1	1	3.309314
Annual Perm 1_serv	BOBJ1	747.5	After	Interior Girder 2	202.5	0.95	1	1	3.309314
Annual Perm 1_serv	BOBJ1	747.5	After	Right Exterior Girder	202.5	0.95	1	1	3.101005
Annual Perm 1_serv	BOBJ1	758.75	Before	Left Exterior Girder	213.75	0.95	1	1	7.379328
Annual Perm 1_serv	BOBJ1	758.75	Before	Interior Girder 1	213.75	0.95	1	1	6.956106
Annual Perm 1_serv	BOBJ1	758.75	Before	Interior Girder 2	213.75	0.95	1	1	6.956106
Annual Perm 1_serv	BOBJ1	758.75	Before	Right Exterior Girder	213.75	0.95	1	1	7.379325
Annual Perm 1_serv	BOBJ1	758.75	After	Left Exterior Girder	213.75	0.95	1	1	7.327898
Annual Perm 1_serv	BOBJ1	758.75	After	Interior Girder 1	213.75	0.95	1	1	6.879437
Annual Perm 1_serv	BOBJ1	758.75	After	Interior Girder 2	213.75	0.95	1	1	6.879437
Annual Perm 1_serv	BOBJ1	758.75	After	Right Exterior Girder	213.75	0.95	1	1	7.327896
Annual Perm 1_serv	BOBJ1	770	Before	Left Exterior Girder	225	0.95	1	1	136.85632
Annual Perm 1_serv	BOBJ1	770	Before	Interior Girder 1	225	0.95	1	1	150.9147
Annual Perm 1_serv	BOBJ1	770	Before	Interior Girder 2	225	0.95	1	1	150.914134
Annual Perm 1_serv	BOBJ1	770	Before	Right Exterior Girder	225	0.95	1	1	136.857014
Annual Perm 2_serv	BOBJ1	0	After	Left Exterior Girder	0	0.95	1	1	131.789037
Annual Perm 2_serv	BOBJ1	0	After	Interior Girder 1	0	0.95	1	1	144.573141
Annual Perm 2_serv	BOBJ1	0	After	Interior Girder 2	0	0.95	1	1	144.573038
Annual Perm 2_serv	BOBJ1	0	After	Right Exterior Girder	0	0.95	1	1	131.789032
Annual Perm 2_serv	BOBJ1	11.25	Before	Left Exterior Girder	11.25	0.95	1	1	6.971472
Annual Perm 2_serv	BOBJ1	11.25	Before	Interior Girder 1	11.25	0.95	1	1	6.446862
Annual Perm 2_serv	BOBJ1	11.25	Before	Interior Girder 2	11.25	0.95	1	1	6.446863
Annual Perm 2_serv	BOBJ1	11.25	Before	Right Exterior Girder	11.25	0.95	1	1	6.971472
Annual Perm 2_serv	BOBJ1	11.25	After	Left Exterior Girder	11.25	0.95	1	1	7.016295
Annual Perm 2_serv	BOBJ1	11.25	After	Interior Girder 1	11.25	0.95	1	1	6.572924
Annual Perm 2_serv	BOBJ1	11.25	After	Interior Girder 2	11.25	0.95	1	1	6.572925
Annual Perm 2_serv	BOBJ1	11.25	After	Right Exterior Girder	11.25	0.95	1	1	7.016294
Annual Perm 2_serv	BOBJ1	22.5	Before	Left Exterior Girder	22.5	0.95	1	1	2.945214
Annual Perm 2_serv	BOBJ1	22.5	Before	Interior Girder 1	22.5	0.95	1	1	3.063946
Annual Perm 2_serv	BOBJ1	22.5	Before	Interior Girder 2	22.5	0.95	1	1	3.063946
Annual Perm 2_serv	BOBJ1	22.5	Before	Right Exterior Girder	22.5	0.95	1	1	2.945214
Annual Perm 2_serv	BOBJ1	22.5	After	Left Exterior Girder	22.5	0.95	1	1	3.132604
Annual Perm 2_serv	BOBJ1	22.5	After	Interior Girder 1	22.5	0.95	1	1	3.104581
Annual Perm 2_serv	BOBJ1	22.5	After	Interior Girder 2	22.5	0.95	1	1	3.104582
Annual Perm 2_serv	BOBJ1	22.5	After	Right Exterior Girder	22.5	0.95	1	1	3.132605

TABLE: Bridge Super Rating AASHTORATE18 26 - SteelINonCompServ-Flx - Main Span Girders									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Annual Perm 2_serv	BOBJ1	33.75	Before	Left Exterior Girder	33.75	0.95	1	1	1.776227
Annual Perm 2_serv	BOBJ1	33.75	Before	Interior Girder 1	33.75	0.95	1	1	1.875093
Annual Perm 2_serv	BOBJ1	33.75	Before	Interior Girder 2	33.75	0.95	1	1	1.875093
Annual Perm 2_serv	BOBJ1	33.75	Before	Right Exterior Girder	33.75	0.95	1	1	1.776227
Annual Perm 2_serv	BOBJ1	33.75	After	Left Exterior Girder	33.75	0.95	1	1	1.78416
Annual Perm 2_serv	BOBJ1	33.75	After	Interior Girder 1	33.75	0.95	1	1	1.874246
Annual Perm 2_serv	BOBJ1	33.75	After	Interior Girder 2	33.75	0.95	1	1	1.874246
Annual Perm 2_serv	BOBJ1	33.75	After	Right Exterior Girder	33.75	0.95	1	1	1.78416
Annual Perm 2_serv	BOBJ1	38.8274	Before	Left Exterior Girder	38.8274	0.95	1	1	1.447339
Annual Perm 2_serv	BOBJ1	38.8274	Before	Interior Girder 1	38.8274	0.95	1	1	1.576269
Annual Perm 2_serv	BOBJ1	38.8274	Before	Interior Girder 2	38.8274	0.95	1	1	1.576269
Annual Perm 2_serv	BOBJ1	38.8274	Before	Right Exterior Girder	38.8274	0.95	1	1	1.447339
Annual Perm 2_serv	BOBJ1	38.8274	After	Left Exterior Girder	38.8274	0.95	1	1	3.380574
Annual Perm 2_serv	BOBJ1	38.8274	After	Interior Girder 1	38.8274	0.95	1	1	3.681751
Annual Perm 2_serv	BOBJ1	38.8274	After	Interior Girder 2	38.8274	0.95	1	1	3.681751
Annual Perm 2_serv	BOBJ1	38.8274	After	Right Exterior Girder	38.8274	0.95	1	1	3.380574
Annual Perm 2_serv	BOBJ1	45	Before	Left Exterior Girder	45	0.95	1	1	2.896713
Annual Perm 2_serv	BOBJ1	45	Before	Interior Girder 1	45	0.95	1	1	3.281058
Annual Perm 2_serv	BOBJ1	45	Before	Interior Girder 2	45	0.95	1	1	3.281058
Annual Perm 2_serv	BOBJ1	45	Before	Right Exterior Girder	45	0.95	1	1	2.896713
Annual Perm 2_serv	BOBJ1	45	After	Left Exterior Girder	45	0.95	1	1	2.973937
Annual Perm 2_serv	BOBJ1	45	After	Interior Girder 1	45	0.95	1	1	3.213805
Annual Perm 2_serv	BOBJ1	45	After	Interior Girder 2	45	0.95	1	1	3.213805
Annual Perm 2_serv	BOBJ1	45	After	Right Exterior Girder	45	0.95	1	1	2.973937
Annual Perm 2_serv	BOBJ1	56.25	Before	Left Exterior Girder	56.25	0.95	1	1	2.437079
Annual Perm 2_serv	BOBJ1	56.25	Before	Interior Girder 1	56.25	0.95	1	1	2.710004
Annual Perm 2_serv	BOBJ1	56.25	Before	Interior Girder 2	56.25	0.95	1	1	2.710003
Annual Perm 2_serv	BOBJ1	56.25	Before	Right Exterior Girder	56.25	0.95	1	1	2.437079
Annual Perm 2_serv	BOBJ1	56.25	After	Left Exterior Girder	56.25	0.95	1	1	2.441626
Annual Perm 2_serv	BOBJ1	56.25	After	Interior Girder 1	56.25	0.95	1	1	2.708475
Annual Perm 2_serv	BOBJ1	56.25	After	Interior Girder 2	56.25	0.95	1	1	2.708475
Annual Perm 2_serv	BOBJ1	56.25	After	Right Exterior Girder	56.25	0.95	1	1	2.441626
Annual Perm 2_serv	BOBJ1	67.5	Before	Left Exterior Girder	67.5	0.95	1	1	2.161099
Annual Perm 2_serv	BOBJ1	67.5	Before	Interior Girder 1	67.5	0.95	1	1	2.485858
Annual Perm 2_serv	BOBJ1	67.5	Before	Interior Girder 2	67.5	0.95	1	1	2.485857
Annual Perm 2_serv	BOBJ1	67.5	Before	Right Exterior Girder	67.5	0.95	1	1	2.161099
Annual Perm 2_serv	BOBJ1	67.5	After	Left Exterior Girder	67.5	0.95	1	1	2.195945
Annual Perm 2_serv	BOBJ1	67.5	After	Interior Girder 1	67.5	0.95	1	1	2.459752
Annual Perm 2_serv	BOBJ1	67.5	After	Interior Girder 2	67.5	0.95	1	1	2.459752
Annual Perm 2_serv	BOBJ1	67.5	After	Right Exterior Girder	67.5	0.95	1	1	2.195945
Annual Perm 2_serv	BOBJ1	78.75	Before	Left Exterior Girder	78.75	0.95	1	1	2.10285
Annual Perm 2_serv	BOBJ1	78.75	Before	Interior Girder 1	78.75	0.95	1	1	2.367872
Annual Perm 2_serv	BOBJ1	78.75	Before	Interior Girder 2	78.75	0.95	1	1	2.367872
Annual Perm 2_serv	BOBJ1	78.75	Before	Right Exterior Girder	78.75	0.95	1	1	2.10285
Annual Perm 2_serv	BOBJ1	78.75	After	Left Exterior Girder	78.75	0.95	1	1	2.103088
Annual Perm 2_serv	BOBJ1	78.75	After	Interior Girder 1	78.75	0.95	1	1	2.366946
Annual Perm 2_serv	BOBJ1	78.75	After	Interior Girder 2	78.75	0.95	1	1	2.366946
Annual Perm 2_serv	BOBJ1	78.75	After	Right Exterior Girder	78.75	0.95	1	1	2.103088
Annual Perm 2_serv	BOBJ1	90	Before	Left Exterior Girder	90	0.95	1	1	2.146951
Annual Perm 2_serv	BOBJ1	90	Before	Interior Girder 1	90	0.95	1	1	2.461799
Annual Perm 2_serv	BOBJ1	90	Before	Interior Girder 2	90	0.95	1	1	2.461798
Annual Perm 2_serv	BOBJ1	90	Before	Right Exterior Girder	90	0.95	1	1	2.146951
Annual Perm 2_serv	BOBJ1	90	After	Left Exterior Girder	90	0.95	1	1	2.152522
Annual Perm 2_serv	BOBJ1	90	After	Interior Girder 1	90	0.95	1	1	2.450468
Annual Perm 2_serv	BOBJ1	90	After	Interior Girder 2	90	0.95	1	1	2.450468
Annual Perm 2_serv	BOBJ1	90	After	Right Exterior Girder	90	0.95	1	1	2.152522
Annual Perm 2_serv	BOBJ1	101.25	Before	Left Exterior Girder	101.25	0.95	1	1	2.347579
Annual Perm 2_serv	BOBJ1	101.25	Before	Interior Girder 1	101.25	0.95	1	1	2.639131
Annual Perm 2_serv	BOBJ1	101.25	Before	Interior Girder 2	101.25	0.95	1	1	2.639131
Annual Perm 2_serv	BOBJ1	101.25	Before	Right Exterior Girder	101.25	0.95	1	1	2.347578
Annual Perm 2_serv	BOBJ1	101.25	After	Left Exterior Girder	101.25	0.95	1	1	2.345179
Annual Perm 2_serv	BOBJ1	101.25	After	Interior Girder 1	101.25	0.95	1	1	2.639161
Annual Perm 2_serv	BOBJ1	101.25	After	Interior Girder 2	101.25	0.95	1	1	2.639161
Annual Perm 2_serv	BOBJ1	101.25	After	Right Exterior Girder	101.25	0.95	1	1	2.345179
Annual Perm 2_serv	BOBJ1	112.5	Before	Left Exterior Girder	112.5	0.95	1	1	2.691749
Annual Perm 2_serv	BOBJ1	112.5	Before	Interior Girder 1	112.5	0.95	1	1	3.031629
Annual Perm 2_serv	BOBJ1	112.5	Before	Interior Girder 2	112.5	0.95	1	1	3.03163
Annual Perm 2_serv	BOBJ1	112.5	Before	Right Exterior Girder	112.5	0.95	1	1	2.691749
Annual Perm 2_serv	BOBJ1	112.5	After	Left Exterior Girder	112.5	0.95	1	1	2.669596
Annual Perm 2_serv	BOBJ1	112.5	After	Interior Girder 1	112.5	0.95	1	1	3.048197

TABLE: Bridge Super Rating AASHTORATE18 26 - SteelNonCompServ-Flx - Main Span Girders									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Annual Perm 2_serv	BOBJ1	112.5	After	Interior Girder 2	112.5	0.95	1	1	3.048197
Annual Perm 2_serv	BOBJ1	112.5	After	Right Exterior Girder	112.5	0.95	1	1	2.669595
Annual Perm 2_serv	BOBJ1	123.75	Before	Left Exterior Girder	123.75	0.95	1	1	3.244067
Annual Perm 2_serv	BOBJ1	123.75	Before	Interior Girder 1	123.75	0.95	1	1	3.589392
Annual Perm 2_serv	BOBJ1	123.75	Before	Interior Girder 2	123.75	0.95	1	1	3.589392
Annual Perm 2_serv	BOBJ1	123.75	Before	Right Exterior Girder	123.75	0.95	1	1	3.244067
Annual Perm 2_serv	BOBJ1	123.75	After	Left Exterior Girder	123.75	0.95	1	1	3.242121
Annual Perm 2_serv	BOBJ1	123.75	After	Interior Girder 1	123.75	0.95	1	1	3.586441
Annual Perm 2_serv	BOBJ1	123.75	After	Interior Girder 2	123.75	0.95	1	1	3.586441
Annual Perm 2_serv	BOBJ1	123.75	After	Right Exterior Girder	123.75	0.95	1	1	3.242121
Annual Perm 2_serv	BOBJ1	126.4381	Before	Left Exterior Girder	126.4381	0.95	1	1	3.422017
Annual Perm 2_serv	BOBJ1	126.4381	Before	Interior Girder 1	126.4381	0.95	1	1	3.758095
Annual Perm 2_serv	BOBJ1	126.4381	Before	Interior Girder 2	126.4381	0.95	1	1	3.758096
Annual Perm 2_serv	BOBJ1	126.4381	Before	Right Exterior Girder	126.4381	0.95	1	1	3.422017
Annual Perm 2_serv	BOBJ1	126.4381	After	Left Exterior Girder	126.4381	0.95	1	1	1.804467
Annual Perm 2_serv	BOBJ1	126.4381	After	Interior Girder 1	126.4381	0.95	1	1	1.986551
Annual Perm 2_serv	BOBJ1	126.4381	After	Interior Girder 2	126.4381	0.95	1	1	1.986551
Annual Perm 2_serv	BOBJ1	126.4381	After	Right Exterior Girder	126.4381	0.95	1	1	1.804467
Annual Perm 2_serv	BOBJ1	135	Before	Left Exterior Girder	135	0.95	1	1	2.345314
Annual Perm 2_serv	BOBJ1	135	Before	Interior Girder 1	135	0.95	1	1	2.536196
Annual Perm 2_serv	BOBJ1	135	Before	Interior Girder 2	135	0.95	1	1	2.536196
Annual Perm 2_serv	BOBJ1	135	Before	Right Exterior Girder	135	0.95	1	1	2.345314
Annual Perm 2_serv	BOBJ1	135	After	Left Exterior Girder	135	0.95	1	1	2.285189
Annual Perm 2_serv	BOBJ1	135	After	Interior Girder 1	135	0.95	1	1	2.568139
Annual Perm 2_serv	BOBJ1	135	After	Interior Girder 2	135	0.95	1	1	2.568139
Annual Perm 2_serv	BOBJ1	135	After	Right Exterior Girder	135	0.95	1	1	2.285189
Annual Perm 2_serv	BOBJ1	146.25	Before	Left Exterior Girder	146.25	0.95	1	1	3.341525
Annual Perm 2_serv	BOBJ1	146.25	Before	Interior Girder 1	146.25	0.95	1	1	3.51932
Annual Perm 2_serv	BOBJ1	146.25	Before	Interior Girder 2	146.25	0.95	1	1	3.519319
Annual Perm 2_serv	BOBJ1	146.25	Before	Right Exterior Girder	146.25	0.95	1	1	3.341525
Annual Perm 2_serv	BOBJ1	146.25	After	Left Exterior Girder	146.25	0.95	1	1	3.331661
Annual Perm 2_serv	BOBJ1	146.25	After	Interior Girder 1	146.25	0.95	1	1	3.520153
Annual Perm 2_serv	BOBJ1	146.25	After	Interior Girder 2	146.25	0.95	1	1	3.520153
Annual Perm 2_serv	BOBJ1	146.25	After	Right Exterior Girder	146.25	0.95	1	1	3.331661
Annual Perm 2_serv	BOBJ1	157.5	Before	Left Exterior Girder	157.5	0.95	1	1	3.876298
Annual Perm 2_serv	BOBJ1	157.5	Before	Interior Girder 1	157.5	0.95	1	1	4.422557
Annual Perm 2_serv	BOBJ1	157.5	Before	Interior Girder 2	157.5	0.95	1	1	4.422557
Annual Perm 2_serv	BOBJ1	157.5	Before	Right Exterior Girder	157.5	0.95	1	1	3.876298
Annual Perm 2_serv	BOBJ1	157.5	After	Left Exterior Girder	157.5	0.95	1	1	3.871531
Annual Perm 2_serv	BOBJ1	157.5	After	Interior Girder 1	157.5	0.95	1	1	4.504675
Annual Perm 2_serv	BOBJ1	157.5	After	Interior Girder 2	157.5	0.95	1	1	4.504674
Annual Perm 2_serv	BOBJ1	157.5	After	Right Exterior Girder	157.5	0.95	1	1	3.871531
Annual Perm 2_serv	BOBJ1	168.2522	Before	Left Exterior Girder	168.2522	0.95	1	1	2.385132
Annual Perm 2_serv	BOBJ1	168.2522	Before	Interior Girder 1	168.2522	0.95	1	1	2.737245
Annual Perm 2_serv	BOBJ1	168.2522	Before	Interior Girder 2	168.2522	0.95	1	1	2.737245
Annual Perm 2_serv	BOBJ1	168.2522	Before	Right Exterior Girder	168.2522	0.95	1	1	2.385132
Annual Perm 2_serv	BOBJ1	168.2522	After	Left Exterior Girder	168.2522	0.95	1	1	5.998855
Annual Perm 2_serv	BOBJ1	168.2522	After	Interior Girder 1	168.2522	0.95	1	1	6.833792
Annual Perm 2_serv	BOBJ1	168.2522	After	Interior Girder 2	168.2522	0.95	1	1	6.833791
Annual Perm 2_serv	BOBJ1	168.2522	After	Right Exterior Girder	168.2522	0.95	1	1	5.998855
Annual Perm 2_serv	BOBJ1	168.75	Before	Left Exterior Girder	168.75	0.95	1	1	5.916416
Annual Perm 2_serv	BOBJ1	168.75	Before	Interior Girder 1	168.75	0.95	1	1	6.743064
Annual Perm 2_serv	BOBJ1	168.75	Before	Interior Girder 2	168.75	0.95	1	1	6.743064
Annual Perm 2_serv	BOBJ1	168.75	Before	Right Exterior Girder	168.75	0.95	1	1	5.916416
Annual Perm 2_serv	BOBJ1	168.75	After	Left Exterior Girder	168.75	0.95	1	1	5.924441
Annual Perm 2_serv	BOBJ1	168.75	After	Interior Girder 1	168.75	0.95	1	1	6.739026
Annual Perm 2_serv	BOBJ1	168.75	After	Interior Girder 2	168.75	0.95	1	1	6.739026
Annual Perm 2_serv	BOBJ1	168.75	After	Right Exterior Girder	168.75	0.95	1	1	5.924441
Annual Perm 2_serv	BOBJ1	180	Before	Left Exterior Girder	180	0.95	1	1	4.200222
Annual Perm 2_serv	BOBJ1	180	Before	Interior Girder 1	180	0.95	1	1	4.686601
Annual Perm 2_serv	BOBJ1	180	Before	Interior Girder 2	180	0.95	1	1	4.686601
Annual Perm 2_serv	BOBJ1	180	Before	Right Exterior Girder	180	0.95	1	1	4.200222
Annual Perm 2_serv	BOBJ1	180	After	Left Exterior Girder	180	0.95	1	1	4.111248
Annual Perm 2_serv	BOBJ1	180	After	Interior Girder 1	180	0.95	1	1	4.768488
Annual Perm 2_serv	BOBJ1	180	After	Interior Girder 2	180	0.95	1	1	4.768488
Annual Perm 2_serv	BOBJ1	180	After	Right Exterior Girder	180	0.95	1	1	4.111248
Annual Perm 2_serv	BOBJ1	183.1858	Before	Left Exterior Girder	183.1858	0.95	1	1	3.64275
Annual Perm 2_serv	BOBJ1	183.1858	Before	Interior Girder 1	183.1858	0.95	1	1	4.195528
Annual Perm 2_serv	BOBJ1	183.1858	Before	Interior Girder 2	183.1858	0.95	1	1	4.195528
Annual Perm 2_serv	BOBJ1	183.1858	Before	Right Exterior Girder	183.1858	0.95	1	1	3.64275

TABLE: Bridge Super Rating AASHTORATE18 26 - SteelNonCompServ-Flx - Main Span Girders									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Annual Perm 2_serv	BOBJ1	183.1858	After	Left Exterior Girder	183.1858	0.95	1	1	7.629968
Annual Perm 2_serv	BOBJ1	183.1858	After	Interior Girder 1	183.1858	0.95	1	1	8.756814
Annual Perm 2_serv	BOBJ1	183.1858	After	Interior Girder 2	183.1858	0.95	1	1	8.756814
Annual Perm 2_serv	BOBJ1	183.1858	After	Right Exterior Girder	183.1858	0.95	1	1	7.629968
Annual Perm 2_serv	BOBJ1	191.25	Before	Left Exterior Girder	191.25	0.95	1	1	6.294388
Annual Perm 2_serv	BOBJ1	191.25	Before	Interior Girder 1	191.25	0.95	1	1	7.068709
Annual Perm 2_serv	BOBJ1	191.25	Before	Interior Girder 2	191.25	0.95	1	1	7.068709
Annual Perm 2_serv	BOBJ1	191.25	Before	Right Exterior Girder	191.25	0.95	1	1	6.294388
Annual Perm 2_serv	BOBJ1	191.25	After	Left Exterior Girder	191.25	0.95	1	1	6.3065
Annual Perm 2_serv	BOBJ1	191.25	After	Interior Girder 1	191.25	0.95	1	1	7.066257
Annual Perm 2_serv	BOBJ1	191.25	After	Interior Girder 2	191.25	0.95	1	1	7.066258
Annual Perm 2_serv	BOBJ1	191.25	After	Right Exterior Girder	191.25	0.95	1	1	6.3065
Annual Perm 2_serv	BOBJ1	199.9414	Before	Left Exterior Girder	199.9414	0.95	1	1	4.859491
Annual Perm 2_serv	BOBJ1	199.9414	Before	Interior Girder 1	199.9414	0.95	1	1	5.360952
Annual Perm 2_serv	BOBJ1	199.9414	Before	Interior Girder 2	199.9414	0.95	1	1	5.360952
Annual Perm 2_serv	BOBJ1	199.9414	Before	Right Exterior Girder	199.9414	0.95	1	1	4.859491
Annual Perm 2_serv	BOBJ1	199.9414	After	Left Exterior Girder	199.9414	0.95	1	1	7.969422
Annual Perm 2_serv	BOBJ1	199.9414	After	Interior Girder 1	199.9414	0.95	1	1	8.765379
Annual Perm 2_serv	BOBJ1	199.9414	After	Interior Girder 2	199.9414	0.95	1	1	8.76538
Annual Perm 2_serv	BOBJ1	199.9414	After	Right Exterior Girder	199.9414	0.95	1	1	7.969422
Annual Perm 2_serv	BOBJ1	202.5	Before	Left Exterior Girder	202.5	0.95	1	1	7.156778
Annual Perm 2_serv	BOBJ1	202.5	Before	Interior Girder 1	202.5	0.95	1	1	8.214363
Annual Perm 2_serv	BOBJ1	202.5	Before	Interior Girder 2	202.5	0.95	1	1	8.214364
Annual Perm 2_serv	BOBJ1	202.5	Before	Right Exterior Girder	202.5	0.95	1	1	7.156778
Annual Perm 2_serv	BOBJ1	202.5	After	Left Exterior Girder	202.5	0.95	1	1	7.357211
Annual Perm 2_serv	BOBJ1	202.5	After	Interior Girder 1	202.5	0.95	1	1	8.438638
Annual Perm 2_serv	BOBJ1	202.5	After	Interior Girder 2	202.5	0.95	1	1	8.438639
Annual Perm 2_serv	BOBJ1	202.5	After	Right Exterior Girder	202.5	0.95	1	1	7.357211
Annual Perm 2_serv	BOBJ1	210.5642	Before	Left Exterior Girder	210.5642	0.95	1	1	5.187964
Annual Perm 2_serv	BOBJ1	210.5642	Before	Interior Girder 1	210.5642	0.95	1	1	6.38678
Annual Perm 2_serv	BOBJ1	210.5642	Before	Interior Girder 2	210.5642	0.95	1	1	6.38678
Annual Perm 2_serv	BOBJ1	210.5642	Before	Right Exterior Girder	210.5642	0.95	1	1	5.187964
Annual Perm 2_serv	BOBJ1	210.5642	After	Left Exterior Girder	210.5642	0.95	1	1	7.679789
Annual Perm 2_serv	BOBJ1	210.5642	After	Interior Girder 1	210.5642	0.95	1	1	9.519754
Annual Perm 2_serv	BOBJ1	210.5642	After	Interior Girder 2	210.5642	0.95	1	1	9.519753
Annual Perm 2_serv	BOBJ1	210.5642	After	Right Exterior Girder	210.5642	0.95	1	1	7.679789
Annual Perm 2_serv	BOBJ1	213.75	Before	Left Exterior Girder	213.75	0.95	1	1	6.818042
Annual Perm 2_serv	BOBJ1	213.75	Before	Interior Girder 1	213.75	0.95	1	1	8.255847
Annual Perm 2_serv	BOBJ1	213.75	Before	Interior Girder 2	213.75	0.95	1	1	8.255846
Annual Perm 2_serv	BOBJ1	213.75	Before	Right Exterior Girder	213.75	0.95	1	1	6.818042
Annual Perm 2_serv	BOBJ1	213.75	After	Left Exterior Girder	213.75	0.95	1	1	6.815968
Annual Perm 2_serv	BOBJ1	213.75	After	Interior Girder 1	213.75	0.95	1	1	8.23485
Annual Perm 2_serv	BOBJ1	213.75	After	Interior Girder 2	213.75	0.95	1	1	8.234849
Annual Perm 2_serv	BOBJ1	213.75	After	Right Exterior Girder	213.75	0.95	1	1	6.815968
Annual Perm 2_serv	BOBJ1	225	Before	Left Exterior Girder	225	0.95	1	1	4.146626
Annual Perm 2_serv	BOBJ1	225	Before	Interior Girder 1	225	0.95	1	1	4.639068
Annual Perm 2_serv	BOBJ1	225	Before	Interior Girder 2	225	0.95	1	1	4.639068
Annual Perm 2_serv	BOBJ1	225	Before	Right Exterior Girder	225	0.95	1	1	4.146626
Annual Perm 2_serv	BOBJ1	225	After	Left Exterior Girder	0	0.95	1	1	3.779129
Annual Perm 2_serv	BOBJ1	225	After	Interior Girder 1	0	0.95	1	1	4.389737
Annual Perm 2_serv	BOBJ1	225	After	Interior Girder 2	0	0.95	1	1	4.389737
Annual Perm 2_serv	BOBJ1	225	After	Right Exterior Girder	0	0.95	1	1	3.779129
Annual Perm 2_serv	BOBJ1	236.45	Before	Left Exterior Girder	11.45	0.95	1	1	6.49199
Annual Perm 2_serv	BOBJ1	236.45	Before	Interior Girder 1	11.45	0.95	1	1	8.014685
Annual Perm 2_serv	BOBJ1	236.45	Before	Interior Girder 2	11.45	0.95	1	1	8.014686
Annual Perm 2_serv	BOBJ1	236.45	Before	Right Exterior Girder	11.45	0.95	1	1	6.49199
Annual Perm 2_serv	BOBJ1	236.45	After	Left Exterior Girder	11.45	0.95	1	1	6.502234
Annual Perm 2_serv	BOBJ1	236.45	After	Interior Girder 1	11.45	0.95	1	1	8.017911
Annual Perm 2_serv	BOBJ1	236.45	After	Interior Girder 2	11.45	0.95	1	1	8.017912
Annual Perm 2_serv	BOBJ1	236.45	After	Right Exterior Girder	11.45	0.95	1	1	6.502234
Annual Perm 2_serv	BOBJ1	239.5082	Before	Left Exterior Girder	14.5082	0.95	1	1	7.499424
Annual Perm 2_serv	BOBJ1	239.5082	Before	Interior Girder 1	14.5082	0.95	1	1	9.332335
Annual Perm 2_serv	BOBJ1	239.5082	Before	Interior Girder 2	14.5082	0.95	1	1	9.332335
Annual Perm 2_serv	BOBJ1	239.5082	Before	Right Exterior Girder	14.5082	0.95	1	1	7.499423
Annual Perm 2_serv	BOBJ1	239.5082	After	Left Exterior Girder	14.5082	0.95	1	1	5.081279
Annual Perm 2_serv	BOBJ1	239.5082	After	Interior Girder 1	14.5082	0.95	1	1	6.35395
Annual Perm 2_serv	BOBJ1	239.5082	After	Interior Girder 2	14.5082	0.95	1	1	6.35395
Annual Perm 2_serv	BOBJ1	239.5082	After	Right Exterior Girder	14.5082	0.95	1	1	5.081279
Annual Perm 2_serv	BOBJ1	247.9	Before	Left Exterior Girder	22.9	0.95	1	1	7.846904
Annual Perm 2_serv	BOBJ1	247.9	Before	Interior Girder 1	22.9	0.95	1	1	9.966632

TABLE: Bridge Super Rating AASHTORATE18 26 - SteelINonCompServ-Flx - Main Span Girders									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Annual Perm 2_serv	BOBJ1	247.9	Before	Interior Girder 2	22.9	0.95	1	1	9.966632
Annual Perm 2_serv	BOBJ1	247.9	Before	Right Exterior Girder	22.9	0.95	1	1	7.846904
Annual Perm 2_serv	BOBJ1	247.9	After	Left Exterior Girder	22.9	0.95	1	1	7.610634
Annual Perm 2_serv	BOBJ1	247.9	After	Interior Girder 1	22.9	0.95	1	1	9.862975
Annual Perm 2_serv	BOBJ1	247.9	After	Interior Girder 2	22.9	0.95	1	1	9.862975
Annual Perm 2_serv	BOBJ1	247.9	After	Right Exterior Girder	22.9	0.95	1	1	7.610634
Annual Perm 2_serv	BOBJ1	258.5189	Before	Left Exterior Girder	33.5189	0.95	1	1	11.048479
Annual Perm 2_serv	BOBJ1	258.5189	Before	Interior Girder 1	33.5189	0.95	1	1	12.791336
Annual Perm 2_serv	BOBJ1	258.5189	Before	Interior Girder 2	33.5189	0.95	1	1	12.791336
Annual Perm 2_serv	BOBJ1	258.5189	Before	Right Exterior Girder	33.5189	0.95	1	1	11.04848
Annual Perm 2_serv	BOBJ1	258.5189	After	Left Exterior Girder	33.5189	0.95	1	1	7.727391
Annual Perm 2_serv	BOBJ1	258.5189	After	Interior Girder 1	33.5189	0.95	1	1	8.833848
Annual Perm 2_serv	BOBJ1	258.5189	After	Interior Girder 2	33.5189	0.95	1	1	8.833848
Annual Perm 2_serv	BOBJ1	258.5189	After	Right Exterior Girder	33.5189	0.95	1	1	7.727391
Annual Perm 2_serv	BOBJ1	259.3	Before	Left Exterior Girder	34.3	0.95	1	1	7.915185
Annual Perm 2_serv	BOBJ1	259.3	Before	Interior Girder 1	34.3	0.95	1	1	9.05001
Annual Perm 2_serv	BOBJ1	259.3	Before	Interior Girder 2	34.3	0.95	1	1	9.050009
Annual Perm 2_serv	BOBJ1	259.3	Before	Right Exterior Girder	34.3	0.95	1	1	7.915185
Annual Perm 2_serv	BOBJ1	259.3	After	Left Exterior Girder	34.3	0.95	1	1	7.919044
Annual Perm 2_serv	BOBJ1	259.3	After	Interior Girder 1	34.3	0.95	1	1	9.050491
Annual Perm 2_serv	BOBJ1	259.3	After	Interior Girder 2	34.3	0.95	1	1	9.050491
Annual Perm 2_serv	BOBJ1	259.3	After	Right Exterior Girder	34.3	0.95	1	1	7.919044
Annual Perm 2_serv	BOBJ1	266.1031	Before	Left Exterior Girder	41.1031	0.95	1	1	9.319157
Annual Perm 2_serv	BOBJ1	266.1031	Before	Interior Girder 1	41.1031	0.95	1	1	10.865459
Annual Perm 2_serv	BOBJ1	266.1031	Before	Interior Girder 2	41.1031	0.95	1	1	10.865458
Annual Perm 2_serv	BOBJ1	266.1031	Before	Right Exterior Girder	41.1031	0.95	1	1	9.319157
Annual Perm 2_serv	BOBJ1	266.1031	After	Left Exterior Girder	41.1031	0.95	1	1	5.113302
Annual Perm 2_serv	BOBJ1	266.1031	After	Interior Girder 1	41.1031	0.95	1	1	5.888463
Annual Perm 2_serv	BOBJ1	266.1031	After	Interior Girder 2	41.1031	0.95	1	1	5.888463
Annual Perm 2_serv	BOBJ1	266.1031	After	Right Exterior Girder	41.1031	0.95	1	1	5.113302
Annual Perm 2_serv	BOBJ1	270.7	Before	Left Exterior Girder	45.7	0.95	1	1	6.031477
Annual Perm 2_serv	BOBJ1	270.7	Before	Interior Girder 1	45.7	0.95	1	1	7.021949
Annual Perm 2_serv	BOBJ1	270.7	Before	Interior Girder 2	45.7	0.95	1	1	7.021949
Annual Perm 2_serv	BOBJ1	270.7	Before	Right Exterior Girder	45.7	0.95	1	1	6.031477
Annual Perm 2_serv	BOBJ1	270.7	After	Left Exterior Girder	45.7	0.95	1	1	6.148828
Annual Perm 2_serv	BOBJ1	270.7	After	Interior Girder 1	45.7	0.95	1	1	6.962929
Annual Perm 2_serv	BOBJ1	270.7	After	Interior Girder 2	45.7	0.95	1	1	6.962929
Annual Perm 2_serv	BOBJ1	270.7	After	Right Exterior Girder	45.7	0.95	1	1	6.148828
Annual Perm 2_serv	BOBJ1	273.6874	Before	Left Exterior Girder	48.6874	0.95	1	1	6.755451
Annual Perm 2_serv	BOBJ1	273.6874	Before	Interior Girder 1	48.6874	0.95	1	1	7.687022
Annual Perm 2_serv	BOBJ1	273.6874	Before	Interior Girder 2	48.6874	0.95	1	1	7.687022
Annual Perm 2_serv	BOBJ1	273.6874	Before	Right Exterior Girder	48.6874	0.95	1	1	6.755451
Annual Perm 2_serv	BOBJ1	273.6874	After	Left Exterior Girder	48.6874	0.95	1	1	2.959465
Annual Perm 2_serv	BOBJ1	273.6874	After	Interior Girder 1	48.6874	0.95	1	1	3.357426
Annual Perm 2_serv	BOBJ1	273.6874	After	Interior Girder 2	48.6874	0.95	1	1	3.357426
Annual Perm 2_serv	BOBJ1	273.6874	After	Right Exterior Girder	48.6874	0.95	1	1	2.959465
Annual Perm 2_serv	BOBJ1	282.15	Before	Left Exterior Girder	57.15	0.95	1	1	4.600795
Annual Perm 2_serv	BOBJ1	282.15	Before	Interior Girder 1	57.15	0.95	1	1	5.261578
Annual Perm 2_serv	BOBJ1	282.15	Before	Interior Girder 2	57.15	0.95	1	1	5.261578
Annual Perm 2_serv	BOBJ1	282.15	Before	Right Exterior Girder	57.15	0.95	1	1	4.600795
Annual Perm 2_serv	BOBJ1	282.15	After	Left Exterior Girder	57.15	0.95	1	1	4.598737
Annual Perm 2_serv	BOBJ1	282.15	After	Interior Girder 1	57.15	0.95	1	1	5.268417
Annual Perm 2_serv	BOBJ1	282.15	After	Interior Girder 2	57.15	0.95	1	1	5.268417
Annual Perm 2_serv	BOBJ1	282.15	After	Right Exterior Girder	57.15	0.95	1	1	4.598737
Annual Perm 2_serv	BOBJ1	293.6	Before	Left Exterior Girder	68.6	0.95	1	1	3.315449
Annual Perm 2_serv	BOBJ1	293.6	Before	Interior Girder 1	68.6	0.95	1	1	3.383444
Annual Perm 2_serv	BOBJ1	293.6	Before	Interior Girder 2	68.6	0.95	1	1	3.383444
Annual Perm 2_serv	BOBJ1	293.6	Before	Right Exterior Girder	68.6	0.95	1	1	3.315449
Annual Perm 2_serv	BOBJ1	293.6	After	Left Exterior Girder	68.6	0.95	1	1	3.476462
Annual Perm 2_serv	BOBJ1	293.6	After	Interior Girder 1	68.6	0.95	1	1	3.38658
Annual Perm 2_serv	BOBJ1	293.6	After	Interior Girder 2	68.6	0.95	1	1	3.38658
Annual Perm 2_serv	BOBJ1	293.6	After	Right Exterior Girder	68.6	0.95	1	1	3.476462
Annual Perm 2_serv	BOBJ1	305	Before	Left Exterior Girder	80	0.95	1	1	1.807772
Annual Perm 2_serv	BOBJ1	305	Before	Interior Girder 1	80	0.95	1	1	1.848398
Annual Perm 2_serv	BOBJ1	305	Before	Interior Girder 2	80	0.95	1	1	1.848398
Annual Perm 2_serv	BOBJ1	305	Before	Right Exterior Girder	80	0.95	1	1	1.807772
Annual Perm 2_serv	BOBJ1	305	After	Left Exterior Girder	80	0.95	1	1	1.809292
Annual Perm 2_serv	BOBJ1	305	After	Interior Girder 1	80	0.95	1	1	1.847961
Annual Perm 2_serv	BOBJ1	305	After	Interior Girder 2	80	0.95	1	1	1.847961
Annual Perm 2_serv	BOBJ1	305	After	Right Exterior Girder	80	0.95	1	1	1.809292

TABLE: Bridge Super Rating AASHTORATE18 26 - SteelINonCompServ-Flx - Main Span Girders									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Annual Perm 2_serv	BOBJ1	306.9561	Before	Left Exterior Girder	81.9561	0.95	1	1	1.595038
Annual Perm 2_serv	BOBJ1	306.9561	Before	Interior Girder 1	81.9561	0.95	1	1	1.653886
Annual Perm 2_serv	BOBJ1	306.9561	Before	Interior Girder 2	81.9561	0.95	1	1	1.653886
Annual Perm 2_serv	BOBJ1	306.9561	Before	Right Exterior Girder	81.9561	0.95	1	1	1.595038
Annual Perm 2_serv	BOBJ1	306.9561	After	Left Exterior Girder	81.9561	0.95	1	1	4.175538
Annual Perm 2_serv	BOBJ1	306.9561	After	Interior Girder 1	81.9561	0.95	1	1	4.371478
Annual Perm 2_serv	BOBJ1	306.9561	After	Interior Girder 2	81.9561	0.95	1	1	4.371478
Annual Perm 2_serv	BOBJ1	306.9561	After	Right Exterior Girder	81.9561	0.95	1	1	4.175538
Annual Perm 2_serv	BOBJ1	316.4	Before	Left Exterior Girder	91.4	0.95	1	1	3.0215
Annual Perm 2_serv	BOBJ1	316.4	Before	Interior Girder 1	91.4	0.95	1	1	3.316468
Annual Perm 2_serv	BOBJ1	316.4	Before	Interior Girder 2	91.4	0.95	1	1	3.316468
Annual Perm 2_serv	BOBJ1	316.4	Before	Right Exterior Girder	91.4	0.95	1	1	3.0215
Annual Perm 2_serv	BOBJ1	316.4	After	Left Exterior Girder	91.4	0.95	1	1	3.087264
Annual Perm 2_serv	BOBJ1	316.4	After	Interior Girder 1	91.4	0.95	1	1	3.261504
Annual Perm 2_serv	BOBJ1	316.4	After	Interior Girder 2	91.4	0.95	1	1	3.261505
Annual Perm 2_serv	BOBJ1	316.4	After	Right Exterior Girder	91.4	0.95	1	1	3.087263
Annual Perm 2_serv	BOBJ1	327.85	Before	Left Exterior Girder	102.9679	0.95	1	1	2.171565
Annual Perm 2_serv	BOBJ1	327.85	Before	Interior Girder 1	102.9679	0.95	1	1	2.327703
Annual Perm 2_serv	BOBJ1	327.85	Before	Interior Girder 2	102.9679	0.95	1	1	2.327703
Annual Perm 2_serv	BOBJ1	327.85	Before	Right Exterior Girder	102.9679	0.95	1	1	2.171565
Annual Perm 2_serv	BOBJ1	327.85	After	Left Exterior Girder	102.9679	0.95	1	1	4.194204
Annual Perm 2_serv	BOBJ1	327.85	After	Interior Girder 1	102.9679	0.95	1	1	4.560077
Annual Perm 2_serv	BOBJ1	327.85	After	Interior Girder 2	102.9679	0.95	1	1	4.560077
Annual Perm 2_serv	BOBJ1	327.85	After	Right Exterior Girder	102.9679	0.95	1	1	4.194204
Annual Perm 2_serv	BOBJ1	339.3	Before	Left Exterior Girder	114.3	0.95	1	1	3.389082
Annual Perm 2_serv	BOBJ1	339.3	Before	Interior Girder 1	114.3	0.95	1	1	3.801459
Annual Perm 2_serv	BOBJ1	339.3	Before	Interior Girder 2	114.3	0.95	1	1	3.801459
Annual Perm 2_serv	BOBJ1	339.3	Before	Right Exterior Girder	114.3	0.95	1	1	3.389082
Annual Perm 2_serv	BOBJ1	339.3	After	Left Exterior Girder	114.3	0.95	1	1	3.429453
Annual Perm 2_serv	BOBJ1	339.3	After	Interior Girder 1	114.3	0.95	1	1	3.765248
Annual Perm 2_serv	BOBJ1	339.3	After	Interior Girder 2	114.3	0.95	1	1	3.765248
Annual Perm 2_serv	BOBJ1	339.3	After	Right Exterior Girder	114.3	0.95	1	1	3.429453
Annual Perm 2_serv	BOBJ1	350.7	Before	Left Exterior Girder	125.7	0.95	1	1	2.915621
Annual Perm 2_serv	BOBJ1	350.7	Before	Interior Girder 1	125.7	0.95	1	1	3.208862
Annual Perm 2_serv	BOBJ1	350.7	Before	Interior Girder 2	125.7	0.95	1	1	3.208862
Annual Perm 2_serv	BOBJ1	350.7	Before	Right Exterior Girder	125.7	0.95	1	1	2.915621
Annual Perm 2_serv	BOBJ1	350.7	After	Left Exterior Girder	125.7	0.95	1	1	2.915009
Annual Perm 2_serv	BOBJ1	350.7	After	Interior Girder 1	125.7	0.95	1	1	3.211403
Annual Perm 2_serv	BOBJ1	350.7	After	Interior Girder 2	125.7	0.95	1	1	3.211404
Annual Perm 2_serv	BOBJ1	350.7	After	Right Exterior Girder	125.7	0.95	1	1	2.915009
Annual Perm 2_serv	BOBJ1	362.1	Before	Left Exterior Girder	137.1	0.95	1	1	2.577388
Annual Perm 2_serv	BOBJ1	362.1	Before	Interior Girder 1	137.1	0.95	1	1	2.89109
Annual Perm 2_serv	BOBJ1	362.1	Before	Interior Girder 2	137.1	0.95	1	1	2.89109
Annual Perm 2_serv	BOBJ1	362.1	Before	Right Exterior Girder	137.1	0.95	1	1	2.577388
Annual Perm 2_serv	BOBJ1	362.1	After	Left Exterior Girder	137.1	0.95	1	1	2.593111
Annual Perm 2_serv	BOBJ1	362.1	After	Interior Girder 1	137.1	0.95	1	1	2.88263
Annual Perm 2_serv	BOBJ1	362.1	After	Interior Girder 2	137.1	0.95	1	1	2.88263
Annual Perm 2_serv	BOBJ1	362.1	After	Right Exterior Girder	137.1	0.95	1	1	2.593111
Annual Perm 2_serv	BOBJ1	373.55	Before	Left Exterior Girder	148.55	0.95	1	1	2.414456
Annual Perm 2_serv	BOBJ1	373.55	Before	Interior Girder 1	148.55	0.95	1	1	2.668941
Annual Perm 2_serv	BOBJ1	373.55	Before	Interior Girder 2	148.55	0.95	1	1	2.668941
Annual Perm 2_serv	BOBJ1	373.55	Before	Right Exterior Girder	148.55	0.95	1	1	2.414456
Annual Perm 2_serv	BOBJ1	373.55	After	Left Exterior Girder	148.55	0.95	1	1	2.413276
Annual Perm 2_serv	BOBJ1	373.55	After	Interior Girder 1	148.55	0.95	1	1	2.670923
Annual Perm 2_serv	BOBJ1	373.55	After	Interior Girder 2	148.55	0.95	1	1	2.670923
Annual Perm 2_serv	BOBJ1	373.55	After	Right Exterior Girder	148.55	0.95	1	1	2.413276
Annual Perm 2_serv	BOBJ1	385	Before	Left Exterior Girder	160	0.95	1	1	2.351515
Annual Perm 2_serv	BOBJ1	385	Before	Interior Girder 1	160	0.95	1	1	2.632237
Annual Perm 2_serv	BOBJ1	385	Before	Interior Girder 2	160	0.95	1	1	2.632237
Annual Perm 2_serv	BOBJ1	385	Before	Right Exterior Girder	160	0.95	1	1	2.351515
Annual Perm 2_serv	BOBJ1	385	After	Left Exterior Girder	160	0.95	1	1	2.351515
Annual Perm 2_serv	BOBJ1	385	After	Interior Girder 1	160	0.95	1	1	2.632237
Annual Perm 2_serv	BOBJ1	385	After	Interior Girder 2	160	0.95	1	1	2.632237
Annual Perm 2_serv	BOBJ1	385	After	Right Exterior Girder	160	0.95	1	1	2.351515
Annual Perm 2_serv	BOBJ1	396.45	Before	Left Exterior Girder	171.45	0.95	1	1	2.413276
Annual Perm 2_serv	BOBJ1	396.45	Before	Interior Girder 1	171.45	0.95	1	1	2.670923
Annual Perm 2_serv	BOBJ1	396.45	Before	Interior Girder 2	171.45	0.95	1	1	2.670923
Annual Perm 2_serv	BOBJ1	396.45	Before	Right Exterior Girder	171.45	0.95	1	1	2.413276
Annual Perm 2_serv	BOBJ1	396.45	After	Left Exterior Girder	171.45	0.95	1	1	2.414456
Annual Perm 2_serv	BOBJ1	396.45	After	Interior Girder 1	171.45	0.95	1	1	2.668941

TABLE: Bridge Super Rating AASHTORATE18 26 - SteelINonCompServ-Flx - Main Span Girders									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Annual Perm 2_serv	BOBJ1	396.45	After	Interior Girder 2	171.45	0.95	1	1	2.668941
Annual Perm 2_serv	BOBJ1	396.45	After	Right Exterior Girder	171.45	0.95	1	1	2.414456
Annual Perm 2_serv	BOBJ1	407.9	Before	Left Exterior Girder	182.9	0.95	1	1	2.593111
Annual Perm 2_serv	BOBJ1	407.9	Before	Interior Girder 1	182.9	0.95	1	1	2.88263
Annual Perm 2_serv	BOBJ1	407.9	Before	Interior Girder 2	182.9	0.95	1	1	2.88263
Annual Perm 2_serv	BOBJ1	407.9	Before	Right Exterior Girder	182.9	0.95	1	1	2.593111
Annual Perm 2_serv	BOBJ1	407.9	After	Left Exterior Girder	182.9	0.95	1	1	2.577388
Annual Perm 2_serv	BOBJ1	407.9	After	Interior Girder 1	182.9	0.95	1	1	2.89109
Annual Perm 2_serv	BOBJ1	407.9	After	Interior Girder 2	182.9	0.95	1	1	2.89109
Annual Perm 2_serv	BOBJ1	407.9	After	Right Exterior Girder	182.9	0.95	1	1	2.577388
Annual Perm 2_serv	BOBJ1	419.3	Before	Left Exterior Girder	194.3	0.95	1	1	2.915009
Annual Perm 2_serv	BOBJ1	419.3	Before	Interior Girder 1	194.3	0.95	1	1	3.211403
Annual Perm 2_serv	BOBJ1	419.3	Before	Interior Girder 2	194.3	0.95	1	1	3.211403
Annual Perm 2_serv	BOBJ1	419.3	Before	Right Exterior Girder	194.3	0.95	1	1	2.915009
Annual Perm 2_serv	BOBJ1	419.3	After	Left Exterior Girder	194.3	0.95	1	1	2.915621
Annual Perm 2_serv	BOBJ1	419.3	After	Interior Girder 1	194.3	0.95	1	1	3.208862
Annual Perm 2_serv	BOBJ1	419.3	After	Interior Girder 2	194.3	0.95	1	1	3.208862
Annual Perm 2_serv	BOBJ1	419.3	After	Right Exterior Girder	194.3	0.95	1	1	2.915621
Annual Perm 2_serv	BOBJ1	430.7	Before	Left Exterior Girder	205.7	0.95	1	1	3.429453
Annual Perm 2_serv	BOBJ1	430.7	Before	Interior Girder 1	205.7	0.95	1	1	3.765248
Annual Perm 2_serv	BOBJ1	430.7	Before	Interior Girder 2	205.7	0.95	1	1	3.765248
Annual Perm 2_serv	BOBJ1	430.7	Before	Right Exterior Girder	205.7	0.95	1	1	3.429453
Annual Perm 2_serv	BOBJ1	430.7	After	Left Exterior Girder	205.7	0.95	1	1	3.389082
Annual Perm 2_serv	BOBJ1	430.7	After	Interior Girder 1	205.7	0.95	1	1	3.801459
Annual Perm 2_serv	BOBJ1	430.7	After	Interior Girder 2	205.7	0.95	1	1	3.801459
Annual Perm 2_serv	BOBJ1	430.7	After	Right Exterior Girder	205.7	0.95	1	1	3.389082
Annual Perm 2_serv	BOBJ1	442.15	Before	Left Exterior Girder	217.0321	0.95	1	1	4.186674
Annual Perm 2_serv	BOBJ1	442.15	Before	Interior Girder 1	217.0321	0.95	1	1	4.557758
Annual Perm 2_serv	BOBJ1	442.15	Before	Interior Girder 2	217.0321	0.95	1	1	4.557758
Annual Perm 2_serv	BOBJ1	442.15	Before	Right Exterior Girder	217.0321	0.95	1	1	4.186674
Annual Perm 2_serv	BOBJ1	442.15	After	Left Exterior Girder	217.0321	0.95	1	1	2.168168
Annual Perm 2_serv	BOBJ1	442.15	After	Interior Girder 1	217.0321	0.95	1	1	2.325843
Annual Perm 2_serv	BOBJ1	442.15	After	Interior Girder 2	217.0321	0.95	1	1	2.325843
Annual Perm 2_serv	BOBJ1	442.15	After	Right Exterior Girder	217.0321	0.95	1	1	2.168168
Annual Perm 2_serv	BOBJ1	453.6	Before	Left Exterior Girder	228.6	0.95	1	1	3.087264
Annual Perm 2_serv	BOBJ1	453.6	Before	Interior Girder 1	228.6	0.95	1	1	3.261504
Annual Perm 2_serv	BOBJ1	453.6	Before	Interior Girder 2	228.6	0.95	1	1	3.261504
Annual Perm 2_serv	BOBJ1	453.6	Before	Right Exterior Girder	228.6	0.95	1	1	3.087263
Annual Perm 2_serv	BOBJ1	453.6	After	Left Exterior Girder	228.6	0.95	1	1	3.0215
Annual Perm 2_serv	BOBJ1	453.6	After	Interior Girder 1	228.6	0.95	1	1	3.316468
Annual Perm 2_serv	BOBJ1	453.6	After	Interior Girder 2	228.6	0.95	1	1	3.316468
Annual Perm 2_serv	BOBJ1	453.6	After	Right Exterior Girder	228.6	0.95	1	1	3.0215
Annual Perm 2_serv	BOBJ1	463.0439	Before	Left Exterior Girder	238.0439	0.95	1	1	4.161718
Annual Perm 2_serv	BOBJ1	463.0439	Before	Interior Girder 1	238.0439	0.95	1	1	4.367914
Annual Perm 2_serv	BOBJ1	463.0439	Before	Interior Girder 2	238.0439	0.95	1	1	4.367915
Annual Perm 2_serv	BOBJ1	463.0439	Before	Right Exterior Girder	238.0439	0.95	1	1	4.161718
Annual Perm 2_serv	BOBJ1	463.0439	After	Left Exterior Girder	238.0439	0.95	1	1	1.589967
Annual Perm 2_serv	BOBJ1	463.0439	After	Interior Girder 1	238.0439	0.95	1	1	1.651689
Annual Perm 2_serv	BOBJ1	463.0439	After	Interior Girder 2	238.0439	0.95	1	1	1.651689
Annual Perm 2_serv	BOBJ1	463.0439	After	Right Exterior Girder	238.0439	0.95	1	1	1.589967
Annual Perm 2_serv	BOBJ1	465	Before	Left Exterior Girder	240	0.95	1	1	1.809292
Annual Perm 2_serv	BOBJ1	465	Before	Interior Girder 1	240	0.95	1	1	1.847961
Annual Perm 2_serv	BOBJ1	465	Before	Interior Girder 2	240	0.95	1	1	1.847961
Annual Perm 2_serv	BOBJ1	465	Before	Right Exterior Girder	240	0.95	1	1	1.809292
Annual Perm 2_serv	BOBJ1	465	After	Left Exterior Girder	240	0.95	1	1	1.807772
Annual Perm 2_serv	BOBJ1	465	After	Interior Girder 1	240	0.95	1	1	1.848398
Annual Perm 2_serv	BOBJ1	465	After	Interior Girder 2	240	0.95	1	1	1.848398
Annual Perm 2_serv	BOBJ1	465	After	Right Exterior Girder	240	0.95	1	1	1.807772
Annual Perm 2_serv	BOBJ1	476.4	Before	Left Exterior Girder	251.4	0.95	1	1	3.476462
Annual Perm 2_serv	BOBJ1	476.4	Before	Interior Girder 1	251.4	0.95	1	1	3.38658
Annual Perm 2_serv	BOBJ1	476.4	Before	Interior Girder 2	251.4	0.95	1	1	3.386581
Annual Perm 2_serv	BOBJ1	476.4	Before	Right Exterior Girder	251.4	0.95	1	1	3.476462
Annual Perm 2_serv	BOBJ1	476.4	After	Left Exterior Girder	251.4	0.95	1	1	3.315449
Annual Perm 2_serv	BOBJ1	476.4	After	Interior Girder 1	251.4	0.95	1	1	3.383444
Annual Perm 2_serv	BOBJ1	476.4	After	Interior Girder 2	251.4	0.95	1	1	3.383445
Annual Perm 2_serv	BOBJ1	476.4	After	Right Exterior Girder	251.4	0.95	1	1	3.315449
Annual Perm 2_serv	BOBJ1	487.85	Before	Left Exterior Girder	262.85	0.95	1	1	4.598736
Annual Perm 2_serv	BOBJ1	487.85	Before	Interior Girder 1	262.85	0.95	1	1	5.268626
Annual Perm 2_serv	BOBJ1	487.85	Before	Interior Girder 2	262.85	0.95	1	1	5.268625
Annual Perm 2_serv	BOBJ1	487.85	Before	Right Exterior Girder	262.85	0.95	1	1	4.598736

TABLE: Bridge Super Rating AASHTORATE18 26 - SteelNonCompServ-Flx - Main Span Girders									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Annual Perm 2_serv	BOBJ1	487.85	After	Left Exterior Girder	262.85	0.95	1	1	4.600795
Annual Perm 2_serv	BOBJ1	487.85	After	Interior Girder 1	262.85	0.95	1	1	5.261783
Annual Perm 2_serv	BOBJ1	487.85	After	Interior Girder 2	262.85	0.95	1	1	5.261783
Annual Perm 2_serv	BOBJ1	487.85	After	Right Exterior Girder	262.85	0.95	1	1	4.600795
Annual Perm 2_serv	BOBJ1	496.3126	Before	Left Exterior Girder	271.3126	0.95	1	1	2.974241
Annual Perm 2_serv	BOBJ1	496.3126	Before	Interior Girder 1	271.3126	0.95	1	1	3.367769
Annual Perm 2_serv	BOBJ1	496.3126	Before	Interior Girder 2	271.3126	0.95	1	1	3.367769
Annual Perm 2_serv	BOBJ1	496.3126	Before	Right Exterior Girder	271.3126	0.95	1	1	2.974241
Annual Perm 2_serv	BOBJ1	496.3126	After	Left Exterior Girder	271.3126	0.95	1	1	6.789487
Annual Perm 2_serv	BOBJ1	496.3126	After	Interior Girder 1	271.3126	0.95	1	1	7.710014
Annual Perm 2_serv	BOBJ1	496.3126	After	Interior Girder 2	271.3126	0.95	1	1	7.710014
Annual Perm 2_serv	BOBJ1	496.3126	After	Right Exterior Girder	271.3126	0.95	1	1	6.789487
Annual Perm 2_serv	BOBJ1	499.3	Before	Left Exterior Girder	274.3	0.95	1	1	6.148828
Annual Perm 2_serv	BOBJ1	499.3	Before	Interior Girder 1	274.3	0.95	1	1	6.963255
Annual Perm 2_serv	BOBJ1	499.3	Before	Interior Girder 2	274.3	0.95	1	1	6.963254
Annual Perm 2_serv	BOBJ1	499.3	Before	Right Exterior Girder	274.3	0.95	1	1	6.148828
Annual Perm 2_serv	BOBJ1	499.3	After	Left Exterior Girder	274.3	0.95	1	1	6.031476
Annual Perm 2_serv	BOBJ1	499.3	After	Interior Girder 1	274.3	0.95	1	1	7.02228
Annual Perm 2_serv	BOBJ1	499.3	After	Interior Girder 2	274.3	0.95	1	1	7.02228
Annual Perm 2_serv	BOBJ1	499.3	After	Right Exterior Girder	274.3	0.95	1	1	6.031476
Annual Perm 2_serv	BOBJ1	503.8969	Before	Left Exterior Girder	278.8969	0.95	1	1	5.113301
Annual Perm 2_serv	BOBJ1	503.8969	Before	Interior Girder 1	278.8969	0.95	1	1	5.888691
Annual Perm 2_serv	BOBJ1	503.8969	Before	Interior Girder 2	278.8969	0.95	1	1	5.88869
Annual Perm 2_serv	BOBJ1	503.8969	Before	Right Exterior Girder	278.8969	0.95	1	1	5.113302
Annual Perm 2_serv	BOBJ1	503.8969	After	Left Exterior Girder	278.8969	0.95	1	1	9.319156
Annual Perm 2_serv	BOBJ1	503.8969	After	Interior Girder 1	278.8969	0.95	1	1	10.865978
Annual Perm 2_serv	BOBJ1	503.8969	After	Interior Girder 2	278.8969	0.95	1	1	10.865977
Annual Perm 2_serv	BOBJ1	503.8969	After	Right Exterior Girder	278.8969	0.95	1	1	9.319157
Annual Perm 2_serv	BOBJ1	510.7	Before	Left Exterior Girder	285.7	0.95	1	1	7.919043
Annual Perm 2_serv	BOBJ1	510.7	Before	Interior Girder 1	285.7	0.95	1	1	9.050899
Annual Perm 2_serv	BOBJ1	510.7	Before	Interior Girder 2	285.7	0.95	1	1	9.050898
Annual Perm 2_serv	BOBJ1	510.7	Before	Right Exterior Girder	285.7	0.95	1	1	7.919043
Annual Perm 2_serv	BOBJ1	510.7	After	Left Exterior Girder	285.7	0.95	1	1	7.915184
Annual Perm 2_serv	BOBJ1	510.7	After	Interior Girder 1	285.7	0.95	1	1	9.050463
Annual Perm 2_serv	BOBJ1	510.7	After	Interior Girder 2	285.7	0.95	1	1	9.050462
Annual Perm 2_serv	BOBJ1	510.7	After	Right Exterior Girder	285.7	0.95	1	1	7.915185
Annual Perm 2_serv	BOBJ1	511.4811	Before	Left Exterior Girder	286.4811	0.95	1	1	7.752577
Annual Perm 2_serv	BOBJ1	511.4811	Before	Interior Girder 1	286.4811	0.95	1	1	8.850762
Annual Perm 2_serv	BOBJ1	511.4811	Before	Interior Girder 2	286.4811	0.95	1	1	8.850761
Annual Perm 2_serv	BOBJ1	511.4811	Before	Right Exterior Girder	286.4811	0.95	1	1	7.752577
Annual Perm 2_serv	BOBJ1	511.4811	After	Left Exterior Girder	286.4811	0.95	1	1	11.085098
Annual Perm 2_serv	BOBJ1	511.4811	After	Interior Girder 1	286.4811	0.95	1	1	12.814799
Annual Perm 2_serv	BOBJ1	511.4811	After	Interior Girder 2	286.4811	0.95	1	1	12.814798
Annual Perm 2_serv	BOBJ1	511.4811	After	Right Exterior Girder	286.4811	0.95	1	1	11.085098
Annual Perm 2_serv	BOBJ1	522.1	Before	Left Exterior Girder	297.1	0.95	1	1	7.610635
Annual Perm 2_serv	BOBJ1	522.1	Before	Interior Girder 1	297.1	0.95	1	1	9.863657
Annual Perm 2_serv	BOBJ1	522.1	Before	Interior Girder 2	297.1	0.95	1	1	9.863656
Annual Perm 2_serv	BOBJ1	522.1	Before	Right Exterior Girder	297.1	0.95	1	1	7.610634
Annual Perm 2_serv	BOBJ1	522.1	After	Left Exterior Girder	297.1	0.95	1	1	7.846905
Annual Perm 2_serv	BOBJ1	522.1	After	Interior Girder 1	297.1	0.95	1	1	9.966936
Annual Perm 2_serv	BOBJ1	522.1	After	Interior Girder 2	297.1	0.95	1	1	9.966936
Annual Perm 2_serv	BOBJ1	522.1	After	Right Exterior Girder	297.1	0.95	1	1	7.846905
Annual Perm 2_serv	BOBJ1	530.4918	Before	Left Exterior Girder	305.4918	0.95	1	1	5.08128
Annual Perm 2_serv	BOBJ1	530.4918	Before	Interior Girder 1	305.4918	0.95	1	1	6.35395
Annual Perm 2_serv	BOBJ1	530.4918	Before	Interior Girder 2	305.4918	0.95	1	1	6.35395
Annual Perm 2_serv	BOBJ1	530.4918	Before	Right Exterior Girder	305.4918	0.95	1	1	5.081279
Annual Perm 2_serv	BOBJ1	530.4918	After	Left Exterior Girder	305.4918	0.95	1	1	7.499424
Annual Perm 2_serv	BOBJ1	530.4918	After	Interior Girder 1	305.4918	0.95	1	1	9.332334
Annual Perm 2_serv	BOBJ1	530.4918	After	Interior Girder 2	305.4918	0.95	1	1	9.332335
Annual Perm 2_serv	BOBJ1	530.4918	After	Right Exterior Girder	305.4918	0.95	1	1	7.499424
Annual Perm 2_serv	BOBJ1	533.55	Before	Left Exterior Girder	308.55	0.95	1	1	6.502235
Annual Perm 2_serv	BOBJ1	533.55	Before	Interior Girder 1	308.55	0.95	1	1	8.017911
Annual Perm 2_serv	BOBJ1	533.55	Before	Interior Girder 2	308.55	0.95	1	1	8.017912
Annual Perm 2_serv	BOBJ1	533.55	Before	Right Exterior Girder	308.55	0.95	1	1	6.502234
Annual Perm 2_serv	BOBJ1	533.55	After	Left Exterior Girder	308.55	0.95	1	1	6.491991
Annual Perm 2_serv	BOBJ1	533.55	After	Interior Girder 1	308.55	0.95	1	1	8.014685
Annual Perm 2_serv	BOBJ1	533.55	After	Interior Girder 2	308.55	0.95	1	1	8.014686
Annual Perm 2_serv	BOBJ1	533.55	After	Right Exterior Girder	308.55	0.95	1	1	6.491991
Annual Perm 2_serv	BOBJ1	545	Before	Left Exterior Girder	320	0.95	1	1	3.77913
Annual Perm 2_serv	BOBJ1	545	Before	Interior Girder 1	320	0.95	1	1	4.389737

TABLE: Bridge Super Rating AASHTORATE18 26 - SteelNonCompServ-Flx - Main Span Girders									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Annual Perm 2_serv	BOBJ1	545	Before	Interior Girder 2	320	0.95	1	1	4.389737
Annual Perm 2_serv	BOBJ1	545	Before	Right Exterior Girder	320	0.95	1	1	3.779129
Annual Perm 2_serv	BOBJ1	545	After	Left Exterior Girder	0	0.95	1	1	4.146821
Annual Perm 2_serv	BOBJ1	545	After	Interior Girder 1	0	0.95	1	1	4.639914
Annual Perm 2_serv	BOBJ1	545	After	Interior Girder 2	0	0.95	1	1	4.639914
Annual Perm 2_serv	BOBJ1	545	After	Right Exterior Girder	0	0.95	1	1	4.146821
Annual Perm 2_serv	BOBJ1	556.25	Before	Left Exterior Girder	11.25	0.95	1	1	6.815968
Annual Perm 2_serv	BOBJ1	556.25	Before	Interior Girder 1	11.25	0.95	1	1	8.237245
Annual Perm 2_serv	BOBJ1	556.25	Before	Interior Girder 2	11.25	0.95	1	1	8.237245
Annual Perm 2_serv	BOBJ1	556.25	Before	Right Exterior Girder	11.25	0.95	1	1	6.815968
Annual Perm 2_serv	BOBJ1	556.25	After	Left Exterior Girder	11.25	0.95	1	1	6.818042
Annual Perm 2_serv	BOBJ1	556.25	After	Interior Girder 1	11.25	0.95	1	1	8.257729
Annual Perm 2_serv	BOBJ1	556.25	After	Interior Girder 2	11.25	0.95	1	1	8.257729
Annual Perm 2_serv	BOBJ1	556.25	After	Right Exterior Girder	11.25	0.95	1	1	6.818042
Annual Perm 2_serv	BOBJ1	559.4358	Before	Left Exterior Girder	14.4358	0.95	1	1	7.679789
Annual Perm 2_serv	BOBJ1	559.4358	Before	Interior Girder 1	14.4358	0.95	1	1	9.521006
Annual Perm 2_serv	BOBJ1	559.4358	Before	Interior Girder 2	14.4358	0.95	1	1	9.521006
Annual Perm 2_serv	BOBJ1	559.4358	Before	Right Exterior Girder	14.4358	0.95	1	1	7.679789
Annual Perm 2_serv	BOBJ1	559.4358	After	Left Exterior Girder	14.4358	0.95	1	1	5.187964
Annual Perm 2_serv	BOBJ1	559.4358	After	Interior Girder 1	14.4358	0.95	1	1	6.388309
Annual Perm 2_serv	BOBJ1	559.4358	After	Interior Girder 2	14.4358	0.95	1	1	6.388309
Annual Perm 2_serv	BOBJ1	559.4358	After	Right Exterior Girder	14.4358	0.95	1	1	5.187964
Annual Perm 2_serv	BOBJ1	567.5	Before	Left Exterior Girder	22.5	0.95	1	1	7.357209
Annual Perm 2_serv	BOBJ1	567.5	Before	Interior Girder 1	22.5	0.95	1	1	8.438639
Annual Perm 2_serv	BOBJ1	567.5	Before	Interior Girder 2	22.5	0.95	1	1	8.438639
Annual Perm 2_serv	BOBJ1	567.5	Before	Right Exterior Girder	22.5	0.95	1	1	7.357209
Annual Perm 2_serv	BOBJ1	567.5	After	Left Exterior Girder	22.5	0.95	1	1	7.156778
Annual Perm 2_serv	BOBJ1	567.5	After	Interior Girder 1	22.5	0.95	1	1	8.214364
Annual Perm 2_serv	BOBJ1	567.5	After	Interior Girder 2	22.5	0.95	1	1	8.214364
Annual Perm 2_serv	BOBJ1	567.5	After	Right Exterior Girder	22.5	0.95	1	1	7.156778
Annual Perm 2_serv	BOBJ1	570.0586	Before	Left Exterior Girder	25.0586	0.95	1	1	7.976572
Annual Perm 2_serv	BOBJ1	570.0586	Before	Interior Girder 1	25.0586	0.95	1	1	8.761999
Annual Perm 2_serv	BOBJ1	570.0586	Before	Interior Girder 2	25.0586	0.95	1	1	8.761999
Annual Perm 2_serv	BOBJ1	570.0586	Before	Right Exterior Girder	25.0586	0.95	1	1	7.976572
Annual Perm 2_serv	BOBJ1	570.0586	After	Left Exterior Girder	25.0586	0.95	1	1	4.863982
Annual Perm 2_serv	BOBJ1	570.0586	After	Interior Girder 1	25.0586	0.95	1	1	5.357708
Annual Perm 2_serv	BOBJ1	570.0586	After	Interior Girder 2	25.0586	0.95	1	1	5.357708
Annual Perm 2_serv	BOBJ1	570.0586	After	Right Exterior Girder	25.0586	0.95	1	1	4.863981
Annual Perm 2_serv	BOBJ1	578.75	Before	Left Exterior Girder	33.75	0.95	1	1	6.306499
Annual Perm 2_serv	BOBJ1	578.75	Before	Interior Girder 1	33.75	0.95	1	1	7.066258
Annual Perm 2_serv	BOBJ1	578.75	Before	Interior Girder 2	33.75	0.95	1	1	7.066258
Annual Perm 2_serv	BOBJ1	578.75	Before	Right Exterior Girder	33.75	0.95	1	1	6.306499
Annual Perm 2_serv	BOBJ1	578.75	After	Left Exterior Girder	33.75	0.95	1	1	6.294387
Annual Perm 2_serv	BOBJ1	578.75	After	Interior Girder 1	33.75	0.95	1	1	7.068709
Annual Perm 2_serv	BOBJ1	578.75	After	Interior Girder 2	33.75	0.95	1	1	7.068709
Annual Perm 2_serv	BOBJ1	578.75	After	Right Exterior Girder	33.75	0.95	1	1	6.294387
Annual Perm 2_serv	BOBJ1	586.8142	Before	Left Exterior Girder	41.8142	0.95	1	1	7.635811
Annual Perm 2_serv	BOBJ1	586.8142	Before	Interior Girder 1	41.8142	0.95	1	1	8.751513
Annual Perm 2_serv	BOBJ1	586.8142	Before	Interior Girder 2	41.8142	0.95	1	1	8.751513
Annual Perm 2_serv	BOBJ1	586.8142	Before	Right Exterior Girder	41.8142	0.95	1	1	7.63581
Annual Perm 2_serv	BOBJ1	586.8142	After	Left Exterior Girder	41.8142	0.95	1	1	3.64647
Annual Perm 2_serv	BOBJ1	586.8142	After	Interior Girder 1	41.8142	0.95	1	1	4.191641
Annual Perm 2_serv	BOBJ1	586.8142	After	Interior Girder 2	41.8142	0.95	1	1	4.191641
Annual Perm 2_serv	BOBJ1	586.8142	After	Right Exterior Girder	41.8142	0.95	1	1	3.64647
Annual Perm 2_serv	BOBJ1	590	Before	Left Exterior Girder	45	0.95	1	1	4.111248
Annual Perm 2_serv	BOBJ1	590	Before	Interior Girder 1	45	0.95	1	1	4.768488
Annual Perm 2_serv	BOBJ1	590	Before	Interior Girder 2	45	0.95	1	1	4.768488
Annual Perm 2_serv	BOBJ1	590	Before	Right Exterior Girder	45	0.95	1	1	4.111248
Annual Perm 2_serv	BOBJ1	590	After	Left Exterior Girder	45	0.95	1	1	4.200222
Annual Perm 2_serv	BOBJ1	590	After	Interior Girder 1	45	0.95	1	1	4.686601
Annual Perm 2_serv	BOBJ1	590	After	Interior Girder 2	45	0.95	1	1	4.686601
Annual Perm 2_serv	BOBJ1	590	After	Right Exterior Girder	45	0.95	1	1	4.200222
Annual Perm 2_serv	BOBJ1	601.25	Before	Left Exterior Girder	56.25	0.95	1	1	5.924441
Annual Perm 2_serv	BOBJ1	601.25	Before	Interior Girder 1	56.25	0.95	1	1	6.739026
Annual Perm 2_serv	BOBJ1	601.25	Before	Interior Girder 2	56.25	0.95	1	1	6.739026
Annual Perm 2_serv	BOBJ1	601.25	Before	Right Exterior Girder	56.25	0.95	1	1	5.924441
Annual Perm 2_serv	BOBJ1	601.25	After	Left Exterior Girder	56.25	0.95	1	1	5.916416
Annual Perm 2_serv	BOBJ1	601.25	After	Interior Girder 1	56.25	0.95	1	1	6.743064
Annual Perm 2_serv	BOBJ1	601.25	After	Interior Girder 2	56.25	0.95	1	1	6.743064
Annual Perm 2_serv	BOBJ1	601.25	After	Right Exterior Girder	56.25	0.95	1	1	5.916416

TABLE: Bridge Super Rating AASHTORATE18 26 - SteelINonCompServ-Flx - Main Span Girders									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Annual Perm 2_serv	BOBJ1	601.7478	Before	Left Exterior Girder	56.7478	0.95	1	1	5.994608
Annual Perm 2_serv	BOBJ1	601.7478	Before	Interior Girder 1	56.7478	0.95	1	1	6.838938
Annual Perm 2_serv	BOBJ1	601.7478	Before	Interior Girder 2	56.7478	0.95	1	1	6.838938
Annual Perm 2_serv	BOBJ1	601.7478	Before	Right Exterior Girder	56.7478	0.95	1	1	5.994608
Annual Perm 2_serv	BOBJ1	601.7478	After	Left Exterior Girder	56.7478	0.95	1	1	2.382954
Annual Perm 2_serv	BOBJ1	601.7478	After	Interior Girder 1	56.7478	0.95	1	1	2.740197
Annual Perm 2_serv	BOBJ1	601.7478	After	Interior Girder 2	56.7478	0.95	1	1	2.740197
Annual Perm 2_serv	BOBJ1	601.7478	After	Right Exterior Girder	56.7478	0.95	1	1	2.382954
Annual Perm 2_serv	BOBJ1	612.5	Before	Left Exterior Girder	67.5	0.95	1	1	3.87153
Annual Perm 2_serv	BOBJ1	612.5	Before	Interior Girder 1	67.5	0.95	1	1	4.504674
Annual Perm 2_serv	BOBJ1	612.5	Before	Interior Girder 2	67.5	0.95	1	1	4.504674
Annual Perm 2_serv	BOBJ1	612.5	Before	Right Exterior Girder	67.5	0.95	1	1	3.87153
Annual Perm 2_serv	BOBJ1	612.5	After	Left Exterior Girder	67.5	0.95	1	1	3.876298
Annual Perm 2_serv	BOBJ1	612.5	After	Interior Girder 1	67.5	0.95	1	1	4.422556
Annual Perm 2_serv	BOBJ1	612.5	After	Interior Girder 2	67.5	0.95	1	1	4.422556
Annual Perm 2_serv	BOBJ1	612.5	After	Right Exterior Girder	67.5	0.95	1	1	3.876298
Annual Perm 2_serv	BOBJ1	623.75	Before	Left Exterior Girder	78.75	0.95	1	1	3.331559
Annual Perm 2_serv	BOBJ1	623.75	Before	Interior Girder 1	78.75	0.95	1	1	3.520332
Annual Perm 2_serv	BOBJ1	623.75	Before	Interior Girder 2	78.75	0.95	1	1	3.520332
Annual Perm 2_serv	BOBJ1	623.75	Before	Right Exterior Girder	78.75	0.95	1	1	3.331559
Annual Perm 2_serv	BOBJ1	623.75	After	Left Exterior Girder	78.75	0.95	1	1	3.34142
Annual Perm 2_serv	BOBJ1	623.75	After	Interior Girder 1	78.75	0.95	1	1	3.519566
Annual Perm 2_serv	BOBJ1	623.75	After	Interior Girder 2	78.75	0.95	1	1	3.519566
Annual Perm 2_serv	BOBJ1	623.75	After	Right Exterior Girder	78.75	0.95	1	1	3.34142
Annual Perm 2_serv	BOBJ1	635	Before	Left Exterior Girder	90	0.95	1	1	2.285189
Annual Perm 2_serv	BOBJ1	635	Before	Interior Girder 1	90	0.95	1	1	2.568139
Annual Perm 2_serv	BOBJ1	635	Before	Interior Girder 2	90	0.95	1	1	2.568139
Annual Perm 2_serv	BOBJ1	635	Before	Right Exterior Girder	90	0.95	1	1	2.285189
Annual Perm 2_serv	BOBJ1	635	After	Left Exterior Girder	90	0.95	1	1	2.345311
Annual Perm 2_serv	BOBJ1	635	After	Interior Girder 1	90	0.95	1	1	2.536196
Annual Perm 2_serv	BOBJ1	635	After	Interior Girder 2	90	0.95	1	1	2.536196
Annual Perm 2_serv	BOBJ1	635	After	Right Exterior Girder	90	0.95	1	1	2.345311
Annual Perm 2_serv	BOBJ1	643.5619	Before	Left Exterior Girder	98.5619	0.95	1	1	1.804467
Annual Perm 2_serv	BOBJ1	643.5619	Before	Interior Girder 1	98.5619	0.95	1	1	1.986551
Annual Perm 2_serv	BOBJ1	643.5619	Before	Interior Girder 2	98.5619	0.95	1	1	1.986551
Annual Perm 2_serv	BOBJ1	643.5619	Before	Right Exterior Girder	98.5619	0.95	1	1	1.804467
Annual Perm 2_serv	BOBJ1	643.5619	After	Left Exterior Girder	98.5619	0.95	1	1	3.422017
Annual Perm 2_serv	BOBJ1	643.5619	After	Interior Girder 1	98.5619	0.95	1	1	3.758096
Annual Perm 2_serv	BOBJ1	643.5619	After	Interior Girder 2	98.5619	0.95	1	1	3.758096
Annual Perm 2_serv	BOBJ1	643.5619	After	Right Exterior Girder	98.5619	0.95	1	1	3.422017
Annual Perm 2_serv	BOBJ1	646.25	Before	Left Exterior Girder	101.25	0.95	1	1	3.242121
Annual Perm 2_serv	BOBJ1	646.25	Before	Interior Girder 1	101.25	0.95	1	1	3.586441
Annual Perm 2_serv	BOBJ1	646.25	Before	Interior Girder 2	101.25	0.95	1	1	3.586441
Annual Perm 2_serv	BOBJ1	646.25	Before	Right Exterior Girder	101.25	0.95	1	1	3.242121
Annual Perm 2_serv	BOBJ1	646.25	After	Left Exterior Girder	101.25	0.95	1	1	3.244067
Annual Perm 2_serv	BOBJ1	646.25	After	Interior Girder 1	101.25	0.95	1	1	3.589392
Annual Perm 2_serv	BOBJ1	646.25	After	Interior Girder 2	101.25	0.95	1	1	3.589392
Annual Perm 2_serv	BOBJ1	646.25	After	Right Exterior Girder	101.25	0.95	1	1	3.244067
Annual Perm 2_serv	BOBJ1	657.5	Before	Left Exterior Girder	112.5	0.95	1	1	2.669595
Annual Perm 2_serv	BOBJ1	657.5	Before	Interior Girder 1	112.5	0.95	1	1	3.048197
Annual Perm 2_serv	BOBJ1	657.5	Before	Interior Girder 2	112.5	0.95	1	1	3.048197
Annual Perm 2_serv	BOBJ1	657.5	Before	Right Exterior Girder	112.5	0.95	1	1	2.669595
Annual Perm 2_serv	BOBJ1	657.5	After	Left Exterior Girder	112.5	0.95	1	1	2.691749
Annual Perm 2_serv	BOBJ1	657.5	After	Interior Girder 1	112.5	0.95	1	1	3.03163
Annual Perm 2_serv	BOBJ1	657.5	After	Interior Girder 2	112.5	0.95	1	1	3.03163
Annual Perm 2_serv	BOBJ1	657.5	After	Right Exterior Girder	112.5	0.95	1	1	2.691749
Annual Perm 2_serv	BOBJ1	668.75	Before	Left Exterior Girder	123.75	0.95	1	1	2.345179
Annual Perm 2_serv	BOBJ1	668.75	Before	Interior Girder 1	123.75	0.95	1	1	2.639161
Annual Perm 2_serv	BOBJ1	668.75	Before	Interior Girder 2	123.75	0.95	1	1	2.639161
Annual Perm 2_serv	BOBJ1	668.75	Before	Right Exterior Girder	123.75	0.95	1	1	2.345179
Annual Perm 2_serv	BOBJ1	668.75	After	Left Exterior Girder	123.75	0.95	1	1	2.347578
Annual Perm 2_serv	BOBJ1	668.75	After	Interior Girder 1	123.75	0.95	1	1	2.639131
Annual Perm 2_serv	BOBJ1	668.75	After	Interior Girder 2	123.75	0.95	1	1	2.639131
Annual Perm 2_serv	BOBJ1	668.75	After	Right Exterior Girder	123.75	0.95	1	1	2.347578
Annual Perm 2_serv	BOBJ1	680	Before	Left Exterior Girder	135	0.95	1	1	2.152522
Annual Perm 2_serv	BOBJ1	680	Before	Interior Girder 1	135	0.95	1	1	2.450468
Annual Perm 2_serv	BOBJ1	680	Before	Interior Girder 2	135	0.95	1	1	2.450468
Annual Perm 2_serv	BOBJ1	680	Before	Right Exterior Girder	135	0.95	1	1	2.152522
Annual Perm 2_serv	BOBJ1	680	After	Left Exterior Girder	135	0.95	1	1	2.146951
Annual Perm 2_serv	BOBJ1	680	After	Interior Girder 1	135	0.95	1	1	2.461799

TABLE: Bridge Super Rating AASHTORATE18 26 - SteelNonCompServ-Flx - Main Span Girders									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Annual Perm 2_serv	BOBJ1	680	After	Interior Girder 2	135	0.95	1	1	2.461799
Annual Perm 2_serv	BOBJ1	680	After	Right Exterior Girder	135	0.95	1	1	2.146951
Annual Perm 2_serv	BOBJ1	691.25	Before	Left Exterior Girder	146.25	0.95	1	1	2.103088
Annual Perm 2_serv	BOBJ1	691.25	Before	Interior Girder 1	146.25	0.95	1	1	2.366946
Annual Perm 2_serv	BOBJ1	691.25	Before	Interior Girder 2	146.25	0.95	1	1	2.366946
Annual Perm 2_serv	BOBJ1	691.25	Before	Right Exterior Girder	146.25	0.95	1	1	2.103088
Annual Perm 2_serv	BOBJ1	691.25	After	Left Exterior Girder	146.25	0.95	1	1	2.10285
Annual Perm 2_serv	BOBJ1	691.25	After	Interior Girder 1	146.25	0.95	1	1	2.367872
Annual Perm 2_serv	BOBJ1	691.25	After	Interior Girder 2	146.25	0.95	1	1	2.367872
Annual Perm 2_serv	BOBJ1	691.25	After	Right Exterior Girder	146.25	0.95	1	1	2.10285
Annual Perm 2_serv	BOBJ1	702.5	Before	Left Exterior Girder	157.5	0.95	1	1	2.195945
Annual Perm 2_serv	BOBJ1	702.5	Before	Interior Girder 1	157.5	0.95	1	1	2.459752
Annual Perm 2_serv	BOBJ1	702.5	Before	Interior Girder 2	157.5	0.95	1	1	2.459753
Annual Perm 2_serv	BOBJ1	702.5	Before	Right Exterior Girder	157.5	0.95	1	1	2.195945
Annual Perm 2_serv	BOBJ1	702.5	After	Left Exterior Girder	157.5	0.95	1	1	2.161099
Annual Perm 2_serv	BOBJ1	702.5	After	Interior Girder 1	157.5	0.95	1	1	2.485858
Annual Perm 2_serv	BOBJ1	702.5	After	Interior Girder 2	157.5	0.95	1	1	2.485858
Annual Perm 2_serv	BOBJ1	702.5	After	Right Exterior Girder	157.5	0.95	1	1	2.161099
Annual Perm 2_serv	BOBJ1	713.75	Before	Left Exterior Girder	168.75	0.95	1	1	2.441626
Annual Perm 2_serv	BOBJ1	713.75	Before	Interior Girder 1	168.75	0.95	1	1	2.708475
Annual Perm 2_serv	BOBJ1	713.75	Before	Interior Girder 2	168.75	0.95	1	1	2.708475
Annual Perm 2_serv	BOBJ1	713.75	Before	Right Exterior Girder	168.75	0.95	1	1	2.441626
Annual Perm 2_serv	BOBJ1	713.75	After	Left Exterior Girder	168.75	0.95	1	1	2.437079
Annual Perm 2_serv	BOBJ1	713.75	After	Interior Girder 1	168.75	0.95	1	1	2.710004
Annual Perm 2_serv	BOBJ1	713.75	After	Interior Girder 2	168.75	0.95	1	1	2.710004
Annual Perm 2_serv	BOBJ1	713.75	After	Right Exterior Girder	168.75	0.95	1	1	2.437079
Annual Perm 2_serv	BOBJ1	725	Before	Left Exterior Girder	180	0.95	1	1	2.973937
Annual Perm 2_serv	BOBJ1	725	Before	Interior Girder 1	180	0.95	1	1	3.213805
Annual Perm 2_serv	BOBJ1	725	Before	Interior Girder 2	180	0.95	1	1	3.213805
Annual Perm 2_serv	BOBJ1	725	Before	Right Exterior Girder	180	0.95	1	1	2.973937
Annual Perm 2_serv	BOBJ1	725	After	Left Exterior Girder	180	0.95	1	1	2.896713
Annual Perm 2_serv	BOBJ1	725	After	Interior Girder 1	180	0.95	1	1	3.281058
Annual Perm 2_serv	BOBJ1	725	After	Interior Girder 2	180	0.95	1	1	3.281058
Annual Perm 2_serv	BOBJ1	725	After	Right Exterior Girder	180	0.95	1	1	2.896713
Annual Perm 2_serv	BOBJ1	731.1726	Before	Left Exterior Girder	186.1726	0.95	1	1	3.380574
Annual Perm 2_serv	BOBJ1	731.1726	Before	Interior Girder 1	186.1726	0.95	1	1	3.681751
Annual Perm 2_serv	BOBJ1	731.1726	Before	Interior Girder 2	186.1726	0.95	1	1	3.681751
Annual Perm 2_serv	BOBJ1	731.1726	Before	Right Exterior Girder	186.1726	0.95	1	1	3.380574
Annual Perm 2_serv	BOBJ1	731.1726	After	Left Exterior Girder	186.1726	0.95	1	1	1.447339
Annual Perm 2_serv	BOBJ1	731.1726	After	Interior Girder 1	186.1726	0.95	1	1	1.576269
Annual Perm 2_serv	BOBJ1	731.1726	After	Interior Girder 2	186.1726	0.95	1	1	1.576269
Annual Perm 2_serv	BOBJ1	731.1726	After	Right Exterior Girder	186.1726	0.95	1	1	1.447339
Annual Perm 2_serv	BOBJ1	736.25	Before	Left Exterior Girder	191.25	0.95	1	1	1.78416
Annual Perm 2_serv	BOBJ1	736.25	Before	Interior Girder 1	191.25	0.95	1	1	1.874246
Annual Perm 2_serv	BOBJ1	736.25	Before	Interior Girder 2	191.25	0.95	1	1	1.874246
Annual Perm 2_serv	BOBJ1	736.25	Before	Right Exterior Girder	191.25	0.95	1	1	1.78416
Annual Perm 2_serv	BOBJ1	736.25	After	Left Exterior Girder	191.25	0.95	1	1	1.776227
Annual Perm 2_serv	BOBJ1	736.25	After	Interior Girder 1	191.25	0.95	1	1	1.875093
Annual Perm 2_serv	BOBJ1	736.25	After	Interior Girder 2	191.25	0.95	1	1	1.875093
Annual Perm 2_serv	BOBJ1	736.25	After	Right Exterior Girder	191.25	0.95	1	1	1.776227
Annual Perm 2_serv	BOBJ1	747.5	Before	Left Exterior Girder	202.5	0.95	1	1	3.132605
Annual Perm 2_serv	BOBJ1	747.5	Before	Interior Girder 1	202.5	0.95	1	1	3.104581
Annual Perm 2_serv	BOBJ1	747.5	Before	Interior Girder 2	202.5	0.95	1	1	3.104581
Annual Perm 2_serv	BOBJ1	747.5	Before	Right Exterior Girder	202.5	0.95	1	1	3.132605
Annual Perm 2_serv	BOBJ1	747.5	After	Left Exterior Girder	202.5	0.95	1	1	2.945214
Annual Perm 2_serv	BOBJ1	747.5	After	Interior Girder 1	202.5	0.95	1	1	3.063946
Annual Perm 2_serv	BOBJ1	747.5	After	Interior Girder 2	202.5	0.95	1	1	3.063946
Annual Perm 2_serv	BOBJ1	747.5	After	Right Exterior Girder	202.5	0.95	1	1	2.945214
Annual Perm 2_serv	BOBJ1	758.75	Before	Left Exterior Girder	213.75	0.95	1	1	7.016297
Annual Perm 2_serv	BOBJ1	758.75	Before	Interior Girder 1	213.75	0.95	1	1	6.572924
Annual Perm 2_serv	BOBJ1	758.75	Before	Interior Girder 2	213.75	0.95	1	1	6.572924
Annual Perm 2_serv	BOBJ1	758.75	Before	Right Exterior Girder	213.75	0.95	1	1	7.016294
Annual Perm 2_serv	BOBJ1	758.75	After	Left Exterior Girder	213.75	0.95	1	1	6.971474
Annual Perm 2_serv	BOBJ1	758.75	After	Interior Girder 1	213.75	0.95	1	1	6.446862
Annual Perm 2_serv	BOBJ1	758.75	After	Interior Girder 2	213.75	0.95	1	1	6.446863
Annual Perm 2_serv	BOBJ1	758.75	After	Right Exterior Girder	213.75	0.95	1	1	6.971472
Annual Perm 2_serv	BOBJ1	770	Before	Left Exterior Girder	225	0.95	1	1	131.788403
Annual Perm 2_serv	BOBJ1	770	Before	Interior Girder 1	225	0.95	1	1	144.573148
Annual Perm 2_serv	BOBJ1	770	Before	Interior Girder 2	225	0.95	1	1	144.572604
Annual Perm 2_serv	BOBJ1	770	Before	Right Exterior Girder	225	0.95	1	1	131.789067

TABLE: Bridge Super Rating AASHTORATE18 26 - SteelINonCompServ-Flx - Main Span Girders									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Overweight Permit_serv	BOBJ1	0	After	Left Exterior Girder	0	0.95	1	1	102.483199
Overweight Permit_serv	BOBJ1	0	After	Interior Girder 1	0	0.95	1	1	135.383035
Overweight Permit_serv	BOBJ1	0	After	Interior Girder 2	0	0.95	1	1	135.383091
Overweight Permit_serv	BOBJ1	0	After	Right Exterior Girder	0	0.95	1	1	102.483195
Overweight Permit_serv	BOBJ1	11.25	Before	Left Exterior Girder	11.25	0.95	1	1	6.991721
Overweight Permit_serv	BOBJ1	11.25	Before	Interior Girder 1	11.25	0.95	1	1	7.72039
Overweight Permit_serv	BOBJ1	11.25	Before	Interior Girder 2	11.25	0.95	1	1	7.720391
Overweight Permit_serv	BOBJ1	11.25	Before	Right Exterior Girder	11.25	0.95	1	1	6.99172
Overweight Permit_serv	BOBJ1	11.25	After	Left Exterior Girder	11.25	0.95	1	1	7.102181
Overweight Permit_serv	BOBJ1	11.25	After	Interior Girder 1	11.25	0.95	1	1	7.809365
Overweight Permit_serv	BOBJ1	11.25	After	Interior Girder 2	11.25	0.95	1	1	7.809367
Overweight Permit_serv	BOBJ1	11.25	After	Right Exterior Girder	11.25	0.95	1	1	7.102181
Overweight Permit_serv	BOBJ1	22.5	Before	Left Exterior Girder	22.5	0.95	1	1	3.017439
Overweight Permit_serv	BOBJ1	22.5	Before	Interior Girder 1	22.5	0.95	1	1	3.691236
Overweight Permit_serv	BOBJ1	22.5	Before	Interior Girder 2	22.5	0.95	1	1	3.691236
Overweight Permit_serv	BOBJ1	22.5	Before	Right Exterior Girder	22.5	0.95	1	1	3.017439
Overweight Permit_serv	BOBJ1	22.5	After	Left Exterior Girder	22.5	0.95	1	1	3.318143
Overweight Permit_serv	BOBJ1	22.5	After	Interior Girder 1	22.5	0.95	1	1	3.717477
Overweight Permit_serv	BOBJ1	22.5	After	Interior Girder 2	22.5	0.95	1	1	3.717477
Overweight Permit_serv	BOBJ1	22.5	After	Right Exterior Girder	22.5	0.95	1	1	3.318143
Overweight Permit_serv	BOBJ1	33.75	Before	Left Exterior Girder	33.75	0.95	1	1	1.875945
Overweight Permit_serv	BOBJ1	33.75	Before	Interior Girder 1	33.75	0.95	1	1	2.273185
Overweight Permit_serv	BOBJ1	33.75	Before	Interior Girder 2	33.75	0.95	1	1	2.273185
Overweight Permit_serv	BOBJ1	33.75	Before	Right Exterior Girder	33.75	0.95	1	1	1.875945
Overweight Permit_serv	BOBJ1	33.75	After	Left Exterior Girder	33.75	0.95	1	1	1.888689
Overweight Permit_serv	BOBJ1	33.75	After	Interior Girder 1	33.75	0.95	1	1	2.272335
Overweight Permit_serv	BOBJ1	33.75	After	Interior Girder 2	33.75	0.95	1	1	2.272335
Overweight Permit_serv	BOBJ1	33.75	After	Right Exterior Girder	33.75	0.95	1	1	1.888689
Overweight Permit_serv	BOBJ1	38.8274	Before	Left Exterior Girder	38.8274	0.95	1	1	1.543861
Overweight Permit_serv	BOBJ1	38.8274	Before	Interior Girder 1	38.8274	0.95	1	1	1.918176
Overweight Permit_serv	BOBJ1	38.8274	Before	Interior Girder 2	38.8274	0.95	1	1	1.918176
Overweight Permit_serv	BOBJ1	38.8274	Before	Right Exterior Girder	38.8274	0.95	1	1	1.543861
Overweight Permit_serv	BOBJ1	38.8274	After	Left Exterior Girder	38.8274	0.95	1	1	3.621458
Overweight Permit_serv	BOBJ1	38.8274	After	Interior Girder 1	38.8274	0.95	1	1	4.479349
Overweight Permit_serv	BOBJ1	38.8274	After	Interior Girder 2	38.8274	0.95	1	1	4.479349
Overweight Permit_serv	BOBJ1	38.8274	After	Right Exterior Girder	38.8274	0.95	1	1	3.621458
Overweight Permit_serv	BOBJ1	45	Before	Left Exterior Girder	45	0.95	1	1	3.131741
Overweight Permit_serv	BOBJ1	45	Before	Interior Girder 1	45	0.95	1	1	4.012553
Overweight Permit_serv	BOBJ1	45	Before	Interior Girder 2	45	0.95	1	1	4.012553
Overweight Permit_serv	BOBJ1	45	Before	Right Exterior Girder	45	0.95	1	1	3.131742
Overweight Permit_serv	BOBJ1	45	After	Left Exterior Girder	45	0.95	1	1	3.270578
Overweight Permit_serv	BOBJ1	45	After	Interior Girder 1	45	0.95	1	1	3.899758
Overweight Permit_serv	BOBJ1	45	After	Interior Girder 2	45	0.95	1	1	3.899758
Overweight Permit_serv	BOBJ1	45	After	Right Exterior Girder	45	0.95	1	1	3.270579
Overweight Permit_serv	BOBJ1	56.25	Before	Left Exterior Girder	56.25	0.95	1	1	2.698787
Overweight Permit_serv	BOBJ1	56.25	Before	Interior Girder 1	56.25	0.95	1	1	3.338676
Overweight Permit_serv	BOBJ1	56.25	Before	Interior Girder 2	56.25	0.95	1	1	3.338676
Overweight Permit_serv	BOBJ1	56.25	Before	Right Exterior Girder	56.25	0.95	1	1	2.698787
Overweight Permit_serv	BOBJ1	56.25	After	Left Exterior Girder	56.25	0.95	1	1	2.708017
Overweight Permit_serv	BOBJ1	56.25	After	Interior Girder 1	56.25	0.95	1	1	3.331424
Overweight Permit_serv	BOBJ1	56.25	After	Interior Girder 2	56.25	0.95	1	1	3.331424
Overweight Permit_serv	BOBJ1	56.25	After	Right Exterior Girder	56.25	0.95	1	1	2.708017
Overweight Permit_serv	BOBJ1	67.5	Before	Left Exterior Girder	67.5	0.95	1	1	2.41532
Overweight Permit_serv	BOBJ1	67.5	Before	Interior Girder 1	67.5	0.95	1	1	3.082648
Overweight Permit_serv	BOBJ1	67.5	Before	Interior Girder 2	67.5	0.95	1	1	3.082648
Overweight Permit_serv	BOBJ1	67.5	Before	Right Exterior Girder	67.5	0.95	1	1	2.41532
Overweight Permit_serv	BOBJ1	67.5	After	Left Exterior Girder	67.5	0.95	1	1	2.475723
Overweight Permit_serv	BOBJ1	67.5	After	Interior Girder 1	67.5	0.95	1	1	3.022153
Overweight Permit_serv	BOBJ1	67.5	After	Interior Girder 2	67.5	0.95	1	1	3.022153
Overweight Permit_serv	BOBJ1	67.5	After	Right Exterior Girder	67.5	0.95	1	1	2.475723
Overweight Permit_serv	BOBJ1	78.75	Before	Left Exterior Girder	78.75	0.95	1	1	2.388083
Overweight Permit_serv	BOBJ1	78.75	Before	Interior Girder 1	78.75	0.95	1	1	2.948604
Overweight Permit_serv	BOBJ1	78.75	Before	Interior Girder 2	78.75	0.95	1	1	2.948603
Overweight Permit_serv	BOBJ1	78.75	Before	Right Exterior Girder	78.75	0.95	1	1	2.388084
Overweight Permit_serv	BOBJ1	78.75	After	Left Exterior Girder	78.75	0.95	1	1	2.389907
Overweight Permit_serv	BOBJ1	78.75	After	Interior Girder 1	78.75	0.95	1	1	2.94314
Overweight Permit_serv	BOBJ1	78.75	After	Interior Girder 2	78.75	0.95	1	1	2.94314
Overweight Permit_serv	BOBJ1	78.75	After	Right Exterior Girder	78.75	0.95	1	1	2.389907
Overweight Permit_serv	BOBJ1	90	Before	Left Exterior Girder	90	0.95	1	1	2.479665
Overweight Permit_serv	BOBJ1	90	Before	Interior Girder 1	90	0.95	1	1	3.08641

TABLE: Bridge Super Rating AASHTORATE18 26 - SteelINonCompServ-Flx - Main Span Girders									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Overweight Permit_serv	BOBJ1	90	Before	Interior Girder 2	90	0.95	1	1	3.08641
Overweight Permit_serv	BOBJ1	90	Before	Right Exterior Girder	90	0.95	1	1	2.479665
Overweight Permit_serv	BOBJ1	90	After	Left Exterior Girder	90	0.95	1	1	2.495337
Overweight Permit_serv	BOBJ1	90	After	Interior Girder 1	90	0.95	1	1	3.054047
Overweight Permit_serv	BOBJ1	90	After	Interior Girder 2	90	0.95	1	1	3.054047
Overweight Permit_serv	BOBJ1	90	After	Right Exterior Girder	90	0.95	1	1	2.495337
Overweight Permit_serv	BOBJ1	101.25	Before	Left Exterior Girder	101.25	0.95	1	1	2.751862
Overweight Permit_serv	BOBJ1	101.25	Before	Interior Girder 1	101.25	0.95	1	1	3.329953
Overweight Permit_serv	BOBJ1	101.25	Before	Interior Girder 2	101.25	0.95	1	1	3.329953
Overweight Permit_serv	BOBJ1	101.25	Before	Right Exterior Girder	101.25	0.95	1	1	2.751862
Overweight Permit_serv	BOBJ1	101.25	After	Left Exterior Girder	101.25	0.95	1	1	2.746939
Overweight Permit_serv	BOBJ1	101.25	After	Interior Girder 1	101.25	0.95	1	1	3.32513
Overweight Permit_serv	BOBJ1	101.25	After	Interior Girder 2	101.25	0.95	1	1	3.325129
Overweight Permit_serv	BOBJ1	101.25	After	Right Exterior Girder	101.25	0.95	1	1	2.746939
Overweight Permit_serv	BOBJ1	112.5	Before	Left Exterior Girder	112.5	0.95	1	1	3.128702
Overweight Permit_serv	BOBJ1	112.5	Before	Interior Girder 1	112.5	0.95	1	1	3.771237
Overweight Permit_serv	BOBJ1	112.5	Before	Interior Girder 2	112.5	0.95	1	1	3.771237
Overweight Permit_serv	BOBJ1	112.5	Before	Right Exterior Girder	112.5	0.95	1	1	3.128702
Overweight Permit_serv	BOBJ1	112.5	After	Left Exterior Girder	112.5	0.95	1	1	3.085148
Overweight Permit_serv	BOBJ1	112.5	After	Interior Girder 1	112.5	0.95	1	1	3.816785
Overweight Permit_serv	BOBJ1	112.5	After	Interior Girder 2	112.5	0.95	1	1	3.816785
Overweight Permit_serv	BOBJ1	112.5	After	Right Exterior Girder	112.5	0.95	1	1	3.085148
Overweight Permit_serv	BOBJ1	123.75	Before	Left Exterior Girder	123.75	0.95	1	1	3.734687
Overweight Permit_serv	BOBJ1	123.75	Before	Interior Girder 1	123.75	0.95	1	1	4.437933
Overweight Permit_serv	BOBJ1	123.75	Before	Interior Girder 2	123.75	0.95	1	1	4.437933
Overweight Permit_serv	BOBJ1	123.75	Before	Right Exterior Girder	123.75	0.95	1	1	3.734687
Overweight Permit_serv	BOBJ1	123.75	After	Left Exterior Girder	123.75	0.95	1	1	3.728235
Overweight Permit_serv	BOBJ1	123.75	After	Interior Girder 1	123.75	0.95	1	1	4.442009
Overweight Permit_serv	BOBJ1	123.75	After	Interior Girder 2	123.75	0.95	1	1	4.44201
Overweight Permit_serv	BOBJ1	123.75	After	Right Exterior Girder	123.75	0.95	1	1	3.728235
Overweight Permit_serv	BOBJ1	126.4381	Before	Left Exterior Girder	126.4381	0.95	1	1	3.94185
Overweight Permit_serv	BOBJ1	126.4381	Before	Interior Girder 1	126.4381	0.95	1	1	4.63796
Overweight Permit_serv	BOBJ1	126.4381	Before	Interior Girder 2	126.4381	0.95	1	1	4.63796
Overweight Permit_serv	BOBJ1	126.4381	Before	Right Exterior Girder	126.4381	0.95	1	1	3.94185
Overweight Permit_serv	BOBJ1	126.4381	After	Left Exterior Girder	126.4381	0.95	1	1	2.073685
Overweight Permit_serv	BOBJ1	126.4381	After	Interior Girder 1	126.4381	0.95	1	1	2.456758
Overweight Permit_serv	BOBJ1	126.4381	After	Interior Girder 2	126.4381	0.95	1	1	2.456758
Overweight Permit_serv	BOBJ1	126.4381	After	Right Exterior Girder	126.4381	0.95	1	1	2.073685
Overweight Permit_serv	BOBJ1	135	Before	Left Exterior Girder	135	0.95	1	1	2.729623
Overweight Permit_serv	BOBJ1	135	Before	Interior Girder 1	135	0.95	1	1	3.103025
Overweight Permit_serv	BOBJ1	135	Before	Interior Girder 2	135	0.95	1	1	3.103026
Overweight Permit_serv	BOBJ1	135	Before	Right Exterior Girder	135	0.95	1	1	2.729623
Overweight Permit_serv	BOBJ1	135	After	Left Exterior Girder	135	0.95	1	1	2.624915
Overweight Permit_serv	BOBJ1	135	After	Interior Girder 1	135	0.95	1	1	3.173442
Overweight Permit_serv	BOBJ1	135	After	Interior Girder 2	135	0.95	1	1	3.173442
Overweight Permit_serv	BOBJ1	135	After	Right Exterior Girder	135	0.95	1	1	2.624915
Overweight Permit_serv	BOBJ1	146.25	Before	Left Exterior Girder	146.25	0.95	1	1	3.909141
Overweight Permit_serv	BOBJ1	146.25	Before	Interior Girder 1	146.25	0.95	1	1	4.323138
Overweight Permit_serv	BOBJ1	146.25	Before	Interior Girder 2	146.25	0.95	1	1	4.323138
Overweight Permit_serv	BOBJ1	146.25	Before	Right Exterior Girder	146.25	0.95	1	1	3.909141
Overweight Permit_serv	BOBJ1	146.25	After	Left Exterior Girder	146.25	0.95	1	1	3.888071
Overweight Permit_serv	BOBJ1	146.25	After	Interior Girder 1	146.25	0.95	1	1	4.335614
Overweight Permit_serv	BOBJ1	146.25	After	Interior Girder 2	146.25	0.95	1	1	4.335614
Overweight Permit_serv	BOBJ1	146.25	After	Right Exterior Girder	146.25	0.95	1	1	3.888071
Overweight Permit_serv	BOBJ1	157.5	Before	Left Exterior Girder	157.5	0.95	1	1	4.107091
Overweight Permit_serv	BOBJ1	157.5	Before	Interior Girder 1	157.5	0.95	1	1	4.941625
Overweight Permit_serv	BOBJ1	157.5	Before	Interior Girder 2	157.5	0.95	1	1	4.941625
Overweight Permit_serv	BOBJ1	157.5	Before	Right Exterior Girder	157.5	0.95	1	1	4.107091
Overweight Permit_serv	BOBJ1	157.5	After	Left Exterior Girder	157.5	0.95	1	1	4.095652
Overweight Permit_serv	BOBJ1	157.5	After	Interior Girder 1	157.5	0.95	1	1	5.040867
Overweight Permit_serv	BOBJ1	157.5	After	Interior Girder 2	157.5	0.95	1	1	5.040866
Overweight Permit_serv	BOBJ1	157.5	After	Right Exterior Girder	157.5	0.95	1	1	4.095652
Overweight Permit_serv	BOBJ1	168.2522	Before	Left Exterior Girder	168.2522	0.95	1	1	2.507094
Overweight Permit_serv	BOBJ1	168.2522	Before	Interior Girder 1	168.2522	0.95	1	1	3.068698
Overweight Permit_serv	BOBJ1	168.2522	Before	Interior Girder 2	168.2522	0.95	1	1	3.068697
Overweight Permit_serv	BOBJ1	168.2522	Before	Right Exterior Girder	168.2522	0.95	1	1	2.507094
Overweight Permit_serv	BOBJ1	168.2522	After	Left Exterior Girder	168.2522	0.95	1	1	6.310726
Overweight Permit_serv	BOBJ1	168.2522	After	Interior Girder 1	168.2522	0.95	1	1	7.65678
Overweight Permit_serv	BOBJ1	168.2522	After	Interior Girder 2	168.2522	0.95	1	1	7.656779
Overweight Permit_serv	BOBJ1	168.2522	After	Right Exterior Girder	168.2522	0.95	1	1	6.310726

TABLE: Bridge Super Rating AASHTORATE18 26 - SteelINonCompServ-Flx - Main Span Girders									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Overweight Permit_serv	BOBJ1	168.75	Before	Left Exterior Girder	168.75	0.95	1	1	6.22188
Overweight Permit_serv	BOBJ1	168.75	Before	Interior Girder 1	168.75	0.95	1	1	7.556037
Overweight Permit_serv	BOBJ1	168.75	Before	Interior Girder 2	168.75	0.95	1	1	7.556037
Overweight Permit_serv	BOBJ1	168.75	Before	Right Exterior Girder	168.75	0.95	1	1	6.22188
Overweight Permit_serv	BOBJ1	168.75	After	Left Exterior Girder	168.75	0.95	1	1	6.233462
Overweight Permit_serv	BOBJ1	168.75	After	Interior Girder 1	168.75	0.95	1	1	7.548908
Overweight Permit_serv	BOBJ1	168.75	After	Interior Girder 2	168.75	0.95	1	1	7.548908
Overweight Permit_serv	BOBJ1	168.75	After	Right Exterior Girder	168.75	0.95	1	1	6.233462
Overweight Permit_serv	BOBJ1	180	Before	Left Exterior Girder	180	0.95	1	1	4.391007
Overweight Permit_serv	BOBJ1	180	Before	Interior Girder 1	180	0.95	1	1	5.258853
Overweight Permit_serv	BOBJ1	180	Before	Interior Girder 2	180	0.95	1	1	5.258853
Overweight Permit_serv	BOBJ1	180	Before	Right Exterior Girder	180	0.95	1	1	4.391007
Overweight Permit_serv	BOBJ1	180	After	Left Exterior Girder	180	0.95	1	1	4.284825
Overweight Permit_serv	BOBJ1	180	After	Interior Girder 1	180	0.95	1	1	5.363165
Overweight Permit_serv	BOBJ1	180	After	Interior Girder 2	180	0.95	1	1	5.363165
Overweight Permit_serv	BOBJ1	180	After	Right Exterior Girder	180	0.95	1	1	4.284826
Overweight Permit_serv	BOBJ1	183.1858	Before	Left Exterior Girder	183.1858	0.95	1	1	3.788153
Overweight Permit_serv	BOBJ1	183.1858	Before	Interior Girder 1	183.1858	0.95	1	1	4.722071
Overweight Permit_serv	BOBJ1	183.1858	Before	Interior Girder 2	183.1858	0.95	1	1	4.722071
Overweight Permit_serv	BOBJ1	183.1858	Before	Right Exterior Girder	183.1858	0.95	1	1	3.788153
Overweight Permit_serv	BOBJ1	183.1858	After	Left Exterior Girder	183.1858	0.95	1	1	7.946369
Overweight Permit_serv	BOBJ1	183.1858	After	Interior Girder 1	183.1858	0.95	1	1	9.844854
Overweight Permit_serv	BOBJ1	183.1858	After	Interior Girder 2	183.1858	0.95	1	1	9.844854
Overweight Permit_serv	BOBJ1	183.1858	After	Right Exterior Girder	183.1858	0.95	1	1	7.946369
Overweight Permit_serv	BOBJ1	191.25	Before	Left Exterior Girder	191.25	0.95	1	1	6.522558
Overweight Permit_serv	BOBJ1	191.25	Before	Interior Girder 1	191.25	0.95	1	1	7.960536
Overweight Permit_serv	BOBJ1	191.25	Before	Interior Girder 2	191.25	0.95	1	1	7.960536
Overweight Permit_serv	BOBJ1	191.25	Before	Right Exterior Girder	191.25	0.95	1	1	6.522558
Overweight Permit_serv	BOBJ1	191.25	After	Left Exterior Girder	191.25	0.95	1	1	6.540084
Overweight Permit_serv	BOBJ1	191.25	After	Interior Girder 1	191.25	0.95	1	1	7.952281
Overweight Permit_serv	BOBJ1	191.25	After	Interior Girder 2	191.25	0.95	1	1	7.952281
Overweight Permit_serv	BOBJ1	191.25	After	Right Exterior Girder	191.25	0.95	1	1	6.540084
Overweight Permit_serv	BOBJ1	199.9414	Before	Left Exterior Girder	199.9414	0.95	1	1	5.058364
Overweight Permit_serv	BOBJ1	199.9414	Before	Interior Girder 1	199.9414	0.95	1	1	6.047666
Overweight Permit_serv	BOBJ1	199.9414	Before	Interior Girder 2	199.9414	0.95	1	1	6.047666
Overweight Permit_serv	BOBJ1	199.9414	Before	Right Exterior Girder	199.9414	0.95	1	1	5.058364
Overweight Permit_serv	BOBJ1	199.9414	After	Left Exterior Girder	199.9414	0.95	1	1	8.262152
Overweight Permit_serv	BOBJ1	199.9414	After	Interior Girder 1	199.9414	0.95	1	1	9.874358
Overweight Permit_serv	BOBJ1	199.9414	After	Interior Girder 2	199.9414	0.95	1	1	9.874358
Overweight Permit_serv	BOBJ1	199.9414	After	Right Exterior Girder	199.9414	0.95	1	1	8.262152
Overweight Permit_serv	BOBJ1	202.5	Before	Left Exterior Girder	202.5	0.95	1	1	7.618516
Overweight Permit_serv	BOBJ1	202.5	Before	Interior Girder 1	202.5	0.95	1	1	9.259153
Overweight Permit_serv	BOBJ1	202.5	Before	Interior Girder 2	202.5	0.95	1	1	9.259153
Overweight Permit_serv	BOBJ1	202.5	Before	Right Exterior Girder	202.5	0.95	1	1	7.618516
Overweight Permit_serv	BOBJ1	202.5	After	Left Exterior Girder	202.5	0.95	1	1	7.558119
Overweight Permit_serv	BOBJ1	202.5	After	Interior Girder 1	202.5	0.95	1	1	9.489982
Overweight Permit_serv	BOBJ1	202.5	After	Interior Girder 2	202.5	0.95	1	1	9.489982
Overweight Permit_serv	BOBJ1	202.5	After	Right Exterior Girder	202.5	0.95	1	1	7.558119
Overweight Permit_serv	BOBJ1	210.5642	Before	Left Exterior Girder	210.5642	0.95	1	1	5.091708
Overweight Permit_serv	BOBJ1	210.5642	Before	Interior Girder 1	210.5642	0.95	1	1	7.426871
Overweight Permit_serv	BOBJ1	210.5642	Before	Interior Girder 2	210.5642	0.95	1	1	7.426871
Overweight Permit_serv	BOBJ1	210.5642	Before	Right Exterior Girder	210.5642	0.95	1	1	5.091708
Overweight Permit_serv	BOBJ1	210.5642	After	Left Exterior Girder	210.5642	0.95	1	1	7.575389
Overweight Permit_serv	BOBJ1	210.5642	After	Interior Girder 1	210.5642	0.95	1	1	10.986507
Overweight Permit_serv	BOBJ1	210.5642	After	Interior Girder 2	210.5642	0.95	1	1	10.986507
Overweight Permit_serv	BOBJ1	210.5642	After	Right Exterior Girder	210.5642	0.95	1	1	7.575389
Overweight Permit_serv	BOBJ1	213.75	Before	Left Exterior Girder	213.75	0.95	1	1	6.487919
Overweight Permit_serv	BOBJ1	213.75	Before	Interior Girder 1	213.75	0.95	1	1	9.536704
Overweight Permit_serv	BOBJ1	213.75	Before	Interior Girder 2	213.75	0.95	1	1	9.536703
Overweight Permit_serv	BOBJ1	213.75	Before	Right Exterior Girder	213.75	0.95	1	1	6.487919
Overweight Permit_serv	BOBJ1	213.75	After	Left Exterior Girder	213.75	0.95	1	1	6.494107
Overweight Permit_serv	BOBJ1	213.75	After	Interior Girder 1	213.75	0.95	1	1	9.525743
Overweight Permit_serv	BOBJ1	213.75	After	Interior Girder 2	213.75	0.95	1	1	9.525742
Overweight Permit_serv	BOBJ1	213.75	After	Right Exterior Girder	213.75	0.95	1	1	6.494108
Overweight Permit_serv	BOBJ1	225	Before	Left Exterior Girder	225	0.95	1	1	3.794212
Overweight Permit_serv	BOBJ1	225	Before	Interior Girder 1	225	0.95	1	1	5.238992
Overweight Permit_serv	BOBJ1	225	Before	Interior Girder 2	225	0.95	1	1	5.238992
Overweight Permit_serv	BOBJ1	225	Before	Right Exterior Girder	225	0.95	1	1	3.794212
Overweight Permit_serv	BOBJ1	225	After	Left Exterior Girder	0	0.95	1	1	3.42072
Overweight Permit_serv	BOBJ1	225	After	Interior Girder 1	0	0.95	1	1	4.837801

TABLE: Bridge Super Rating AASHTORATE18 26 - SteelNonCompServ-Flx - Main Span Girders									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Overweight Permit_serv	BOBJ1	225	After	Interior Girder 2	0	0.95	1	1	4.837802
Overweight Permit_serv	BOBJ1	225	After	Right Exterior Girder	0	0.95	1	1	3.42072
Overweight Permit_serv	BOBJ1	236.45	Before	Left Exterior Girder	11.45	0.95	1	1	5.91186
Overweight Permit_serv	BOBJ1	236.45	Before	Interior Girder 1	11.45	0.95	1	1	8.878459
Overweight Permit_serv	BOBJ1	236.45	Before	Interior Girder 2	11.45	0.95	1	1	8.87846
Overweight Permit_serv	BOBJ1	236.45	Before	Right Exterior Girder	11.45	0.95	1	1	5.91186
Overweight Permit_serv	BOBJ1	236.45	After	Left Exterior Girder	11.45	0.95	1	1	5.923526
Overweight Permit_serv	BOBJ1	236.45	After	Interior Girder 1	11.45	0.95	1	1	8.880698
Overweight Permit_serv	BOBJ1	236.45	After	Interior Girder 2	11.45	0.95	1	1	8.880698
Overweight Permit_serv	BOBJ1	236.45	After	Right Exterior Girder	11.45	0.95	1	1	5.923526
Overweight Permit_serv	BOBJ1	239.5082	Before	Left Exterior Girder	14.5082	0.95	1	1	6.844855
Overweight Permit_serv	BOBJ1	239.5082	Before	Interior Girder 1	14.5082	0.95	1	1	10.388152
Overweight Permit_serv	BOBJ1	239.5082	Before	Interior Girder 2	14.5082	0.95	1	1	10.388152
Overweight Permit_serv	BOBJ1	239.5082	Before	Right Exterior Girder	14.5082	0.95	1	1	6.844855
Overweight Permit_serv	BOBJ1	239.5082	After	Left Exterior Girder	14.5082	0.95	1	1	4.621309
Overweight Permit_serv	BOBJ1	239.5082	After	Interior Girder 1	14.5082	0.95	1	1	7.03363
Overweight Permit_serv	BOBJ1	239.5082	After	Interior Girder 2	14.5082	0.95	1	1	7.03363
Overweight Permit_serv	BOBJ1	239.5082	After	Right Exterior Girder	14.5082	0.95	1	1	4.621309
Overweight Permit_serv	BOBJ1	247.9	Before	Left Exterior Girder	22.9	0.95	1	1	7.386347
Overweight Permit_serv	BOBJ1	247.9	Before	Interior Girder 1	22.9	0.95	1	1	11.351112
Overweight Permit_serv	BOBJ1	247.9	Before	Interior Girder 2	22.9	0.95	1	1	11.351112
Overweight Permit_serv	BOBJ1	247.9	Before	Right Exterior Girder	22.9	0.95	1	1	7.386347
Overweight Permit_serv	BOBJ1	247.9	After	Left Exterior Girder	22.9	0.95	1	1	6.988713
Overweight Permit_serv	BOBJ1	247.9	After	Interior Girder 1	22.9	0.95	1	1	11.374094
Overweight Permit_serv	BOBJ1	247.9	After	Interior Girder 2	22.9	0.95	1	1	11.374094
Overweight Permit_serv	BOBJ1	247.9	After	Right Exterior Girder	22.9	0.95	1	1	6.988713
Overweight Permit_serv	BOBJ1	258.5189	Before	Left Exterior Girder	33.5189	0.95	1	1	11.766288
Overweight Permit_serv	BOBJ1	258.5189	Before	Interior Girder 1	33.5189	0.95	1	1	14.915624
Overweight Permit_serv	BOBJ1	258.5189	Before	Interior Girder 2	33.5189	0.95	1	1	14.915624
Overweight Permit_serv	BOBJ1	258.5189	Before	Right Exterior Girder	33.5189	0.95	1	1	11.766288
Overweight Permit_serv	BOBJ1	258.5189	After	Left Exterior Girder	33.5189	0.95	1	1	8.237452
Overweight Permit_serv	BOBJ1	258.5189	After	Interior Girder 1	33.5189	0.95	1	1	10.33122
Overweight Permit_serv	BOBJ1	258.5189	After	Interior Girder 2	33.5189	0.95	1	1	10.33122
Overweight Permit_serv	BOBJ1	258.5189	After	Right Exterior Girder	33.5189	0.95	1	1	8.237452
Overweight Permit_serv	BOBJ1	259.3	Before	Left Exterior Girder	34.3	0.95	1	1	8.446343
Overweight Permit_serv	BOBJ1	259.3	Before	Interior Girder 1	34.3	0.95	1	1	10.585135
Overweight Permit_serv	BOBJ1	259.3	Before	Interior Girder 2	34.3	0.95	1	1	10.585135
Overweight Permit_serv	BOBJ1	259.3	Before	Right Exterior Girder	34.3	0.95	1	1	8.446343
Overweight Permit_serv	BOBJ1	259.3	After	Left Exterior Girder	34.3	0.95	1	1	8.448031
Overweight Permit_serv	BOBJ1	259.3	After	Interior Girder 1	34.3	0.95	1	1	10.590292
Overweight Permit_serv	BOBJ1	259.3	After	Interior Girder 2	34.3	0.95	1	1	10.590292
Overweight Permit_serv	BOBJ1	259.3	After	Right Exterior Girder	34.3	0.95	1	1	8.448031
Overweight Permit_serv	BOBJ1	266.1031	Before	Left Exterior Girder	41.1031	0.95	1	1	9.997981
Overweight Permit_serv	BOBJ1	266.1031	Before	Interior Girder 1	41.1031	0.95	1	1	12.682753
Overweight Permit_serv	BOBJ1	266.1031	Before	Interior Girder 2	41.1031	0.95	1	1	12.682752
Overweight Permit_serv	BOBJ1	266.1031	Before	Right Exterior Girder	41.1031	0.95	1	1	9.997981
Overweight Permit_serv	BOBJ1	266.1031	After	Left Exterior Girder	41.1031	0.95	1	1	5.497725
Overweight Permit_serv	BOBJ1	266.1031	After	Interior Girder 1	41.1031	0.95	1	1	6.898169
Overweight Permit_serv	BOBJ1	266.1031	After	Interior Girder 2	41.1031	0.95	1	1	6.898169
Overweight Permit_serv	BOBJ1	266.1031	After	Right Exterior Girder	41.1031	0.95	1	1	5.497725
Overweight Permit_serv	BOBJ1	270.7	Before	Left Exterior Girder	45.7	0.95	1	1	6.51502
Overweight Permit_serv	BOBJ1	270.7	Before	Interior Girder 1	45.7	0.95	1	1	8.21647
Overweight Permit_serv	BOBJ1	270.7	Before	Interior Girder 2	45.7	0.95	1	1	8.21647
Overweight Permit_serv	BOBJ1	270.7	Before	Right Exterior Girder	45.7	0.95	1	1	6.51502
Overweight Permit_serv	BOBJ1	270.7	After	Left Exterior Girder	45.7	0.95	1	1	6.661305
Overweight Permit_serv	BOBJ1	270.7	After	Interior Girder 1	45.7	0.95	1	1	8.125309
Overweight Permit_serv	BOBJ1	270.7	After	Interior Girder 2	45.7	0.95	1	1	8.125309
Overweight Permit_serv	BOBJ1	270.7	After	Right Exterior Girder	45.7	0.95	1	1	6.661305
Overweight Permit_serv	BOBJ1	273.6874	Before	Left Exterior Girder	48.6874	0.95	1	1	7.335348
Overweight Permit_serv	BOBJ1	273.6874	Before	Interior Girder 1	48.6874	0.95	1	1	8.96408
Overweight Permit_serv	BOBJ1	273.6874	Before	Interior Girder 2	48.6874	0.95	1	1	8.96408
Overweight Permit_serv	BOBJ1	273.6874	Before	Right Exterior Girder	48.6874	0.95	1	1	7.335348
Overweight Permit_serv	BOBJ1	273.6874	After	Left Exterior Girder	48.6874	0.95	1	1	3.220271
Overweight Permit_serv	BOBJ1	273.6874	After	Interior Girder 1	48.6874	0.95	1	1	3.923874
Overweight Permit_serv	BOBJ1	273.6874	After	Interior Girder 2	48.6874	0.95	1	1	3.923874
Overweight Permit_serv	BOBJ1	273.6874	After	Right Exterior Girder	48.6874	0.95	1	1	3.220271
Overweight Permit_serv	BOBJ1	282.15	Before	Left Exterior Girder	57.15	0.95	1	1	5.044403
Overweight Permit_serv	BOBJ1	282.15	Before	Interior Girder 1	57.15	0.95	1	1	6.141027
Overweight Permit_serv	BOBJ1	282.15	Before	Interior Girder 2	57.15	0.95	1	1	6.141027
Overweight Permit_serv	BOBJ1	282.15	Before	Right Exterior Girder	57.15	0.95	1	1	5.044403

TABLE: Bridge Super Rating AASHTORATE18 26 - SteelNonCompServ-Flx - Main Span Girders									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Overweight Permit_serv	BOBJ1	282.15	After	Left Exterior Girder	57.15	0.95	1	1	5.040674
Overweight Permit_serv	BOBJ1	282.15	After	Interior Girder 1	57.15	0.95	1	1	6.151038
Overweight Permit_serv	BOBJ1	282.15	After	Interior Girder 2	57.15	0.95	1	1	6.151038
Overweight Permit_serv	BOBJ1	282.15	After	Right Exterior Girder	57.15	0.95	1	1	5.040674
Overweight Permit_serv	BOBJ1	293.6	Before	Left Exterior Girder	68.6	0.95	1	1	3.960937
Overweight Permit_serv	BOBJ1	293.6	Before	Interior Girder 1	68.6	0.95	1	1	4.234261
Overweight Permit_serv	BOBJ1	293.6	Before	Interior Girder 2	68.6	0.95	1	1	4.234261
Overweight Permit_serv	BOBJ1	293.6	Before	Right Exterior Girder	68.6	0.95	1	1	3.960936
Overweight Permit_serv	BOBJ1	293.6	After	Left Exterior Girder	68.6	0.95	1	1	4.255285
Overweight Permit_serv	BOBJ1	293.6	After	Interior Girder 1	68.6	0.95	1	1	4.19389
Overweight Permit_serv	BOBJ1	293.6	After	Interior Girder 2	68.6	0.95	1	1	4.19389
Overweight Permit_serv	BOBJ1	293.6	After	Right Exterior Girder	68.6	0.95	1	1	4.255284
Overweight Permit_serv	BOBJ1	305	Before	Left Exterior Girder	80	0.95	1	1	2.084286
Overweight Permit_serv	BOBJ1	305	Before	Interior Girder 1	80	0.95	1	1	2.279853
Overweight Permit_serv	BOBJ1	305	Before	Interior Girder 2	80	0.95	1	1	2.279853
Overweight Permit_serv	BOBJ1	305	Before	Right Exterior Girder	80	0.95	1	1	2.084286
Overweight Permit_serv	BOBJ1	305	After	Left Exterior Girder	80	0.95	1	1	2.087869
Overweight Permit_serv	BOBJ1	305	After	Interior Girder 1	80	0.95	1	1	2.278809
Overweight Permit_serv	BOBJ1	305	After	Interior Girder 2	80	0.95	1	1	2.278809
Overweight Permit_serv	BOBJ1	305	After	Right Exterior Girder	80	0.95	1	1	2.087869
Overweight Permit_serv	BOBJ1	306.9561	Before	Left Exterior Girder	81.9561	0.95	1	1	1.825827
Overweight Permit_serv	BOBJ1	306.9561	Before	Interior Girder 1	81.9561	0.95	1	1	2.03747
Overweight Permit_serv	BOBJ1	306.9561	Before	Interior Girder 2	81.9561	0.95	1	1	2.037471
Overweight Permit_serv	BOBJ1	306.9561	Before	Right Exterior Girder	81.9561	0.95	1	1	1.825827
Overweight Permit_serv	BOBJ1	306.9561	After	Left Exterior Girder	81.9561	0.95	1	1	4.777975
Overweight Permit_serv	BOBJ1	306.9561	After	Interior Girder 1	81.9561	0.95	1	1	5.38409
Overweight Permit_serv	BOBJ1	306.9561	After	Interior Girder 2	81.9561	0.95	1	1	5.38409
Overweight Permit_serv	BOBJ1	306.9561	After	Right Exterior Girder	81.9561	0.95	1	1	4.777975
Overweight Permit_serv	BOBJ1	316.4	Before	Left Exterior Girder	91.4	0.95	1	1	3.375008
Overweight Permit_serv	BOBJ1	316.4	Before	Interior Girder 1	91.4	0.95	1	1	4.08386
Overweight Permit_serv	BOBJ1	316.4	Before	Interior Girder 2	91.4	0.95	1	1	4.08386
Overweight Permit_serv	BOBJ1	316.4	Before	Right Exterior Girder	91.4	0.95	1	1	3.375008
Overweight Permit_serv	BOBJ1	316.4	After	Left Exterior Girder	91.4	0.95	1	1	3.502172
Overweight Permit_serv	BOBJ1	316.4	After	Interior Girder 1	91.4	0.95	1	1	3.967112
Overweight Permit_serv	BOBJ1	316.4	After	Interior Girder 2	91.4	0.95	1	1	3.967113
Overweight Permit_serv	BOBJ1	316.4	After	Right Exterior Girder	91.4	0.95	1	1	3.502172
Overweight Permit_serv	BOBJ1	327.85	Before	Left Exterior Girder	102.9679	0.95	1	1	2.403782
Overweight Permit_serv	BOBJ1	327.85	Before	Interior Girder 1	102.9679	0.95	1	1	2.853543
Overweight Permit_serv	BOBJ1	327.85	Before	Interior Girder 2	102.9679	0.95	1	1	2.853543
Overweight Permit_serv	BOBJ1	327.85	Before	Right Exterior Girder	102.9679	0.95	1	1	2.403782
Overweight Permit_serv	BOBJ1	327.85	After	Left Exterior Girder	102.9679	0.95	1	1	4.644572
Overweight Permit_serv	BOBJ1	327.85	After	Interior Girder 1	102.9679	0.95	1	1	5.567836
Overweight Permit_serv	BOBJ1	327.85	After	Interior Girder 2	102.9679	0.95	1	1	5.567836
Overweight Permit_serv	BOBJ1	327.85	After	Right Exterior Girder	102.9679	0.95	1	1	4.644572
Overweight Permit_serv	BOBJ1	339.3	Before	Left Exterior Girder	114.3	0.95	1	1	3.723926
Overweight Permit_serv	BOBJ1	339.3	Before	Interior Girder 1	114.3	0.95	1	1	4.648393
Overweight Permit_serv	BOBJ1	339.3	Before	Interior Girder 2	114.3	0.95	1	1	4.648393
Overweight Permit_serv	BOBJ1	339.3	Before	Right Exterior Girder	114.3	0.95	1	1	3.723926
Overweight Permit_serv	BOBJ1	339.3	After	Left Exterior Girder	114.3	0.95	1	1	3.799143
Overweight Permit_serv	BOBJ1	339.3	After	Interior Girder 1	114.3	0.95	1	1	4.570814
Overweight Permit_serv	BOBJ1	339.3	After	Interior Girder 2	114.3	0.95	1	1	4.570814
Overweight Permit_serv	BOBJ1	339.3	After	Right Exterior Girder	114.3	0.95	1	1	3.799143
Overweight Permit_serv	BOBJ1	350.7	Before	Left Exterior Girder	125.7	0.95	1	1	3.203379
Overweight Permit_serv	BOBJ1	350.7	Before	Interior Girder 1	125.7	0.95	1	1	3.927156
Overweight Permit_serv	BOBJ1	350.7	Before	Interior Girder 2	125.7	0.95	1	1	3.927156
Overweight Permit_serv	BOBJ1	350.7	Before	Right Exterior Girder	125.7	0.95	1	1	3.203379
Overweight Permit_serv	BOBJ1	350.7	After	Left Exterior Girder	125.7	0.95	1	1	3.204729
Overweight Permit_serv	BOBJ1	350.7	After	Interior Girder 1	125.7	0.95	1	1	3.924591
Overweight Permit_serv	BOBJ1	350.7	After	Interior Girder 2	125.7	0.95	1	1	3.924591
Overweight Permit_serv	BOBJ1	350.7	After	Right Exterior Girder	125.7	0.95	1	1	3.204729
Overweight Permit_serv	BOBJ1	362.1	Before	Left Exterior Girder	137.1	0.95	1	1	2.841462
Overweight Permit_serv	BOBJ1	362.1	Before	Interior Girder 1	137.1	0.95	1	1	3.558248
Overweight Permit_serv	BOBJ1	362.1	Before	Interior Girder 2	137.1	0.95	1	1	3.558248
Overweight Permit_serv	BOBJ1	362.1	Before	Right Exterior Girder	137.1	0.95	1	1	2.841462
Overweight Permit_serv	BOBJ1	362.1	After	Left Exterior Girder	137.1	0.95	1	1	2.874209
Overweight Permit_serv	BOBJ1	362.1	After	Interior Girder 1	137.1	0.95	1	1	3.52626
Overweight Permit_serv	BOBJ1	362.1	After	Interior Girder 2	137.1	0.95	1	1	3.52626
Overweight Permit_serv	BOBJ1	362.1	After	Right Exterior Girder	137.1	0.95	1	1	2.874209
Overweight Permit_serv	BOBJ1	373.55	Before	Left Exterior Girder	148.55	0.95	1	1	2.680999
Overweight Permit_serv	BOBJ1	373.55	Before	Interior Girder 1	148.55	0.95	1	1	3.297506

TABLE: Bridge Super Rating AASHTORATE18 26 - SteelINonCompServ-Flx - Main Span Girders									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Overweight Permit_serv	BOBJ1	373.55	Before	Interior Girder 2	148.55	0.95	1	1	3.297506
Overweight Permit_serv	BOBJ1	373.55	Before	Right Exterior Girder	148.55	0.95	1	1	2.680999
Overweight Permit_serv	BOBJ1	373.55	After	Left Exterior Girder	148.55	0.95	1	1	2.681291
Overweight Permit_serv	BOBJ1	373.55	After	Interior Girder 1	148.55	0.95	1	1	3.296042
Overweight Permit_serv	BOBJ1	373.55	After	Interior Girder 2	148.55	0.95	1	1	3.296042
Overweight Permit_serv	BOBJ1	373.55	After	Right Exterior Girder	148.55	0.95	1	1	2.681291
Overweight Permit_serv	BOBJ1	385	Before	Left Exterior Girder	160	0.95	1	1	2.641515
Overweight Permit_serv	BOBJ1	385	Before	Interior Girder 1	160	0.95	1	1	3.256468
Overweight Permit_serv	BOBJ1	385	Before	Interior Girder 2	160	0.95	1	1	3.256468
Overweight Permit_serv	BOBJ1	385	Before	Right Exterior Girder	160	0.95	1	1	2.641515
Overweight Permit_serv	BOBJ1	385	After	Left Exterior Girder	160	0.95	1	1	2.641515
Overweight Permit_serv	BOBJ1	385	After	Interior Girder 1	160	0.95	1	1	3.256468
Overweight Permit_serv	BOBJ1	385	After	Interior Girder 2	160	0.95	1	1	3.256468
Overweight Permit_serv	BOBJ1	385	After	Right Exterior Girder	160	0.95	1	1	2.641515
Overweight Permit_serv	BOBJ1	396.45	Before	Left Exterior Girder	171.45	0.95	1	1	2.681291
Overweight Permit_serv	BOBJ1	396.45	Before	Interior Girder 1	171.45	0.95	1	1	3.296042
Overweight Permit_serv	BOBJ1	396.45	Before	Interior Girder 2	171.45	0.95	1	1	3.296042
Overweight Permit_serv	BOBJ1	396.45	Before	Right Exterior Girder	171.45	0.95	1	1	2.681291
Overweight Permit_serv	BOBJ1	396.45	After	Left Exterior Girder	171.45	0.95	1	1	2.680999
Overweight Permit_serv	BOBJ1	396.45	After	Interior Girder 1	171.45	0.95	1	1	3.297506
Overweight Permit_serv	BOBJ1	396.45	After	Interior Girder 2	171.45	0.95	1	1	3.297506
Overweight Permit_serv	BOBJ1	396.45	After	Right Exterior Girder	171.45	0.95	1	1	2.680999
Overweight Permit_serv	BOBJ1	407.9	Before	Left Exterior Girder	182.9	0.95	1	1	2.874209
Overweight Permit_serv	BOBJ1	407.9	Before	Interior Girder 1	182.9	0.95	1	1	3.52626
Overweight Permit_serv	BOBJ1	407.9	Before	Interior Girder 2	182.9	0.95	1	1	3.52626
Overweight Permit_serv	BOBJ1	407.9	Before	Right Exterior Girder	182.9	0.95	1	1	2.874209
Overweight Permit_serv	BOBJ1	407.9	After	Left Exterior Girder	182.9	0.95	1	1	2.841462
Overweight Permit_serv	BOBJ1	407.9	After	Interior Girder 1	182.9	0.95	1	1	3.558248
Overweight Permit_serv	BOBJ1	407.9	After	Interior Girder 2	182.9	0.95	1	1	3.558248
Overweight Permit_serv	BOBJ1	407.9	After	Right Exterior Girder	182.9	0.95	1	1	2.841462
Overweight Permit_serv	BOBJ1	419.3	Before	Left Exterior Girder	194.3	0.95	1	1	3.204729
Overweight Permit_serv	BOBJ1	419.3	Before	Interior Girder 1	194.3	0.95	1	1	3.924591
Overweight Permit_serv	BOBJ1	419.3	Before	Interior Girder 2	194.3	0.95	1	1	3.924591
Overweight Permit_serv	BOBJ1	419.3	Before	Right Exterior Girder	194.3	0.95	1	1	3.204729
Overweight Permit_serv	BOBJ1	419.3	After	Left Exterior Girder	194.3	0.95	1	1	3.203379
Overweight Permit_serv	BOBJ1	419.3	After	Interior Girder 1	194.3	0.95	1	1	3.927156
Overweight Permit_serv	BOBJ1	419.3	After	Interior Girder 2	194.3	0.95	1	1	3.927156
Overweight Permit_serv	BOBJ1	419.3	After	Right Exterior Girder	194.3	0.95	1	1	3.203379
Overweight Permit_serv	BOBJ1	430.7	Before	Left Exterior Girder	205.7	0.95	1	1	3.799143
Overweight Permit_serv	BOBJ1	430.7	Before	Interior Girder 1	205.7	0.95	1	1	4.570814
Overweight Permit_serv	BOBJ1	430.7	Before	Interior Girder 2	205.7	0.95	1	1	4.570814
Overweight Permit_serv	BOBJ1	430.7	Before	Right Exterior Girder	205.7	0.95	1	1	3.799143
Overweight Permit_serv	BOBJ1	430.7	After	Left Exterior Girder	205.7	0.95	1	1	3.723926
Overweight Permit_serv	BOBJ1	430.7	After	Interior Girder 1	205.7	0.95	1	1	4.648393
Overweight Permit_serv	BOBJ1	430.7	After	Interior Girder 2	205.7	0.95	1	1	4.648393
Overweight Permit_serv	BOBJ1	430.7	After	Right Exterior Girder	205.7	0.95	1	1	3.723926
Overweight Permit_serv	BOBJ1	442.15	Before	Left Exterior Girder	217.0321	0.95	1	1	4.635441
Overweight Permit_serv	BOBJ1	442.15	Before	Interior Girder 1	217.0321	0.95	1	1	5.562405
Overweight Permit_serv	BOBJ1	442.15	Before	Interior Girder 2	217.0321	0.95	1	1	5.562405
Overweight Permit_serv	BOBJ1	442.15	Before	Right Exterior Girder	217.0321	0.95	1	1	4.63544
Overweight Permit_serv	BOBJ1	442.15	After	Left Exterior Girder	217.0321	0.95	1	1	2.399498
Overweight Permit_serv	BOBJ1	442.15	After	Interior Girder 1	217.0321	0.95	1	1	2.849951
Overweight Permit_serv	BOBJ1	442.15	After	Interior Girder 2	217.0321	0.95	1	1	2.849951
Overweight Permit_serv	BOBJ1	442.15	After	Right Exterior Girder	217.0321	0.95	1	1	2.399498
Overweight Permit_serv	BOBJ1	453.6	Before	Left Exterior Girder	228.6	0.95	1	1	3.502172
Overweight Permit_serv	BOBJ1	453.6	Before	Interior Girder 1	228.6	0.95	1	1	3.967113
Overweight Permit_serv	BOBJ1	453.6	Before	Interior Girder 2	228.6	0.95	1	1	3.967112
Overweight Permit_serv	BOBJ1	453.6	Before	Right Exterior Girder	228.6	0.95	1	1	3.502171
Overweight Permit_serv	BOBJ1	453.6	After	Left Exterior Girder	228.6	0.95	1	1	3.375007
Overweight Permit_serv	BOBJ1	453.6	After	Interior Girder 1	228.6	0.95	1	1	4.08386
Overweight Permit_serv	BOBJ1	453.6	After	Interior Girder 2	228.6	0.95	1	1	4.08386
Overweight Permit_serv	BOBJ1	453.6	After	Right Exterior Girder	228.6	0.95	1	1	3.375007
Overweight Permit_serv	BOBJ1	463.0439	Before	Left Exterior Girder	238.0439	0.95	1	1	4.759586
Overweight Permit_serv	BOBJ1	463.0439	Before	Interior Girder 1	238.0439	0.95	1	1	5.376528
Overweight Permit_serv	BOBJ1	463.0439	Before	Interior Girder 2	238.0439	0.95	1	1	5.376529
Overweight Permit_serv	BOBJ1	463.0439	Before	Right Exterior Girder	238.0439	0.95	1	1	4.759586
Overweight Permit_serv	BOBJ1	463.0439	After	Left Exterior Girder	238.0439	0.95	1	1	1.818689
Overweight Permit_serv	BOBJ1	463.0439	After	Interior Girder 1	238.0439	0.95	1	1	2.035078
Overweight Permit_serv	BOBJ1	463.0439	After	Interior Girder 2	238.0439	0.95	1	1	2.035078
Overweight Permit_serv	BOBJ1	463.0439	After	Right Exterior Girder	238.0439	0.95	1	1	1.818689

TABLE: Bridge Super Rating AASHTORATE18 26 - SteelINonCompServ-Flx - Main Span Girders									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Overweight Permit_serv	BOBJ1	465	Before	Left Exterior Girder	240	0.95	1	1	2.087868
Overweight Permit_serv	BOBJ1	465	Before	Interior Girder 1	240	0.95	1	1	2.278809
Overweight Permit_serv	BOBJ1	465	Before	Interior Girder 2	240	0.95	1	1	2.278809
Overweight Permit_serv	BOBJ1	465	Before	Right Exterior Girder	240	0.95	1	1	2.087868
Overweight Permit_serv	BOBJ1	465	After	Left Exterior Girder	240	0.95	1	1	2.084286
Overweight Permit_serv	BOBJ1	465	After	Interior Girder 1	240	0.95	1	1	2.279853
Overweight Permit_serv	BOBJ1	465	After	Interior Girder 2	240	0.95	1	1	2.279853
Overweight Permit_serv	BOBJ1	465	After	Right Exterior Girder	240	0.95	1	1	2.084286
Overweight Permit_serv	BOBJ1	476.4	Before	Left Exterior Girder	251.4	0.95	1	1	4.255408
Overweight Permit_serv	BOBJ1	476.4	Before	Interior Girder 1	251.4	0.95	1	1	4.193972
Overweight Permit_serv	BOBJ1	476.4	Before	Interior Girder 2	251.4	0.95	1	1	4.193972
Overweight Permit_serv	BOBJ1	476.4	Before	Right Exterior Girder	251.4	0.95	1	1	4.255408
Overweight Permit_serv	BOBJ1	476.4	After	Left Exterior Girder	251.4	0.95	1	1	3.961062
Overweight Permit_serv	BOBJ1	476.4	After	Interior Girder 1	251.4	0.95	1	1	4.234332
Overweight Permit_serv	BOBJ1	476.4	After	Interior Girder 2	251.4	0.95	1	1	4.234332
Overweight Permit_serv	BOBJ1	476.4	After	Right Exterior Girder	251.4	0.95	1	1	3.961062
Overweight Permit_serv	BOBJ1	487.85	Before	Left Exterior Girder	262.85	0.95	1	1	5.041189
Overweight Permit_serv	BOBJ1	487.85	Before	Interior Girder 1	262.85	0.95	1	1	6.151475
Overweight Permit_serv	BOBJ1	487.85	Before	Interior Girder 2	262.85	0.95	1	1	6.151475
Overweight Permit_serv	BOBJ1	487.85	Before	Right Exterior Girder	262.85	0.95	1	1	5.041189
Overweight Permit_serv	BOBJ1	487.85	After	Left Exterior Girder	262.85	0.95	1	1	5.044916
Overweight Permit_serv	BOBJ1	487.85	After	Interior Girder 1	262.85	0.95	1	1	6.141452
Overweight Permit_serv	BOBJ1	487.85	After	Interior Girder 2	262.85	0.95	1	1	6.141451
Overweight Permit_serv	BOBJ1	487.85	After	Right Exterior Girder	262.85	0.95	1	1	5.044916
Overweight Permit_serv	BOBJ1	496.3126	Before	Left Exterior Girder	271.3126	0.95	1	1	3.239077
Overweight Permit_serv	BOBJ1	496.3126	Before	Interior Girder 1	271.3126	0.95	1	1	3.93817
Overweight Permit_serv	BOBJ1	496.3126	Before	Interior Girder 2	271.3126	0.95	1	1	3.93817
Overweight Permit_serv	BOBJ1	496.3126	Before	Right Exterior Girder	271.3126	0.95	1	1	3.239077
Overweight Permit_serv	BOBJ1	496.3126	After	Left Exterior Girder	271.3126	0.95	1	1	7.378112
Overweight Permit_serv	BOBJ1	496.3126	After	Interior Girder 1	271.3126	0.95	1	1	8.995391
Overweight Permit_serv	BOBJ1	496.3126	After	Interior Girder 2	271.3126	0.95	1	1	8.995391
Overweight Permit_serv	BOBJ1	496.3126	After	Right Exterior Girder	271.3126	0.95	1	1	7.378112
Overweight Permit_serv	BOBJ1	499.3	Before	Left Exterior Girder	274.3	0.95	1	1	6.66203
Overweight Permit_serv	BOBJ1	499.3	Before	Interior Girder 1	274.3	0.95	1	1	8.125635
Overweight Permit_serv	BOBJ1	499.3	Before	Interior Girder 2	274.3	0.95	1	1	8.125634
Overweight Permit_serv	BOBJ1	499.3	Before	Right Exterior Girder	274.3	0.95	1	1	6.66203
Overweight Permit_serv	BOBJ1	499.3	After	Left Exterior Girder	274.3	0.95	1	1	6.515739
Overweight Permit_serv	BOBJ1	499.3	After	Interior Girder 1	274.3	0.95	1	1	8.216857
Overweight Permit_serv	BOBJ1	499.3	After	Interior Girder 2	274.3	0.95	1	1	8.216857
Overweight Permit_serv	BOBJ1	499.3	After	Right Exterior Girder	274.3	0.95	1	1	6.51574
Overweight Permit_serv	BOBJ1	503.8969	Before	Left Exterior Girder	278.8969	0.95	1	1	5.498361
Overweight Permit_serv	BOBJ1	503.8969	Before	Interior Girder 1	278.8969	0.95	1	1	6.898336
Overweight Permit_serv	BOBJ1	503.8969	Before	Interior Girder 2	278.8969	0.95	1	1	6.898335
Overweight Permit_serv	BOBJ1	503.8969	Before	Right Exterior Girder	278.8969	0.95	1	1	5.498361
Overweight Permit_serv	BOBJ1	503.8969	After	Left Exterior Girder	278.8969	0.95	1	1	9.999133
Overweight Permit_serv	BOBJ1	503.8969	After	Interior Girder 1	278.8969	0.95	1	1	12.683123
Overweight Permit_serv	BOBJ1	503.8969	After	Interior Girder 2	278.8969	0.95	1	1	12.683123
Overweight Permit_serv	BOBJ1	503.8969	After	Right Exterior Girder	278.8969	0.95	1	1	9.999134
Overweight Permit_serv	BOBJ1	510.7	Before	Left Exterior Girder	285.7	0.95	1	1	8.448981
Overweight Permit_serv	BOBJ1	510.7	Before	Interior Girder 1	285.7	0.95	1	1	10.590248
Overweight Permit_serv	BOBJ1	510.7	Before	Interior Girder 2	285.7	0.95	1	1	10.590248
Overweight Permit_serv	BOBJ1	510.7	Before	Right Exterior Girder	285.7	0.95	1	1	8.448981
Overweight Permit_serv	BOBJ1	510.7	After	Left Exterior Girder	285.7	0.95	1	1	8.447283
Overweight Permit_serv	BOBJ1	510.7	After	Interior Girder 1	285.7	0.95	1	1	10.585121
Overweight Permit_serv	BOBJ1	510.7	After	Interior Girder 2	285.7	0.95	1	1	10.58512
Overweight Permit_serv	BOBJ1	510.7	After	Right Exterior Girder	285.7	0.95	1	1	8.447283
Overweight Permit_serv	BOBJ1	511.4811	Before	Left Exterior Girder	286.4811	0.95	1	1	8.267913
Overweight Permit_serv	BOBJ1	511.4811	Before	Interior Girder 1	286.4811	0.95	1	1	10.355154
Overweight Permit_serv	BOBJ1	511.4811	Before	Interior Girder 2	286.4811	0.95	1	1	10.355153
Overweight Permit_serv	BOBJ1	511.4811	Before	Right Exterior Girder	286.4811	0.95	1	1	8.267913
Overweight Permit_serv	BOBJ1	511.4811	After	Left Exterior Girder	286.4811	0.95	1	1	11.810076
Overweight Permit_serv	BOBJ1	511.4811	After	Interior Girder 1	286.4811	0.95	1	1	14.948602
Overweight Permit_serv	BOBJ1	511.4811	After	Interior Girder 2	286.4811	0.95	1	1	14.948602
Overweight Permit_serv	BOBJ1	511.4811	After	Right Exterior Girder	286.4811	0.95	1	1	11.810076
Overweight Permit_serv	BOBJ1	522.1	Before	Left Exterior Girder	297.1	0.95	1	1	6.988713
Overweight Permit_serv	BOBJ1	522.1	Before	Interior Girder 1	297.1	0.95	1	1	11.374094
Overweight Permit_serv	BOBJ1	522.1	Before	Interior Girder 2	297.1	0.95	1	1	11.374095
Overweight Permit_serv	BOBJ1	522.1	Before	Right Exterior Girder	297.1	0.95	1	1	6.988713
Overweight Permit_serv	BOBJ1	522.1	After	Left Exterior Girder	297.1	0.95	1	1	7.386348
Overweight Permit_serv	BOBJ1	522.1	After	Interior Girder 1	297.1	0.95	1	1	11.351111

TABLE: Bridge Super Rating AASHTORATE18 26 - SteelINonCompServ-Flx - Main Span Girders									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Overweight Permit_serv	BOBJ1	522.1	After	Interior Girder 2	297.1	0.95	1	1	11.351112
Overweight Permit_serv	BOBJ1	522.1	After	Right Exterior Girder	297.1	0.95	1	1	7.386347
Overweight Permit_serv	BOBJ1	530.4918	Before	Left Exterior Girder	305.4918	0.95	1	1	4.621309
Overweight Permit_serv	BOBJ1	530.4918	Before	Interior Girder 1	305.4918	0.95	1	1	7.03363
Overweight Permit_serv	BOBJ1	530.4918	Before	Interior Girder 2	305.4918	0.95	1	1	7.033631
Overweight Permit_serv	BOBJ1	530.4918	Before	Right Exterior Girder	305.4918	0.95	1	1	4.621309
Overweight Permit_serv	BOBJ1	530.4918	After	Left Exterior Girder	305.4918	0.95	1	1	6.844856
Overweight Permit_serv	BOBJ1	530.4918	After	Interior Girder 1	305.4918	0.95	1	1	10.388151
Overweight Permit_serv	BOBJ1	530.4918	After	Interior Girder 2	305.4918	0.95	1	1	10.388152
Overweight Permit_serv	BOBJ1	530.4918	After	Right Exterior Girder	305.4918	0.95	1	1	6.844855
Overweight Permit_serv	BOBJ1	533.55	Before	Left Exterior Girder	308.55	0.95	1	1	5.923527
Overweight Permit_serv	BOBJ1	533.55	Before	Interior Girder 1	308.55	0.95	1	1	8.880698
Overweight Permit_serv	BOBJ1	533.55	Before	Interior Girder 2	308.55	0.95	1	1	8.880699
Overweight Permit_serv	BOBJ1	533.55	Before	Right Exterior Girder	308.55	0.95	1	1	5.923526
Overweight Permit_serv	BOBJ1	533.55	After	Left Exterior Girder	308.55	0.95	1	1	5.91186
Overweight Permit_serv	BOBJ1	533.55	After	Interior Girder 1	308.55	0.95	1	1	8.878459
Overweight Permit_serv	BOBJ1	533.55	After	Interior Girder 2	308.55	0.95	1	1	8.87846
Overweight Permit_serv	BOBJ1	533.55	After	Right Exterior Girder	308.55	0.95	1	1	5.91186
Overweight Permit_serv	BOBJ1	545	Before	Left Exterior Girder	320	0.95	1	1	3.42072
Overweight Permit_serv	BOBJ1	545	Before	Interior Girder 1	320	0.95	1	1	4.837855
Overweight Permit_serv	BOBJ1	545	Before	Interior Girder 2	320	0.95	1	1	4.837856
Overweight Permit_serv	BOBJ1	545	Before	Right Exterior Girder	320	0.95	1	1	3.42072
Overweight Permit_serv	BOBJ1	545	After	Left Exterior Girder	0	0.95	1	1	3.794526
Overweight Permit_serv	BOBJ1	545	After	Interior Girder 1	0	0.95	1	1	5.241075
Overweight Permit_serv	BOBJ1	545	After	Interior Girder 2	0	0.95	1	1	5.241075
Overweight Permit_serv	BOBJ1	545	After	Right Exterior Girder	0	0.95	1	1	3.794526
Overweight Permit_serv	BOBJ1	556.25	Before	Left Exterior Girder	11.25	0.95	1	1	6.494061
Overweight Permit_serv	BOBJ1	556.25	Before	Interior Girder 1	11.25	0.95	1	1	9.528272
Overweight Permit_serv	BOBJ1	556.25	Before	Interior Girder 2	11.25	0.95	1	1	9.528272
Overweight Permit_serv	BOBJ1	556.25	Before	Right Exterior Girder	11.25	0.95	1	1	6.494061
Overweight Permit_serv	BOBJ1	556.25	After	Left Exterior Girder	11.25	0.95	1	1	6.487909
Overweight Permit_serv	BOBJ1	556.25	After	Interior Girder 1	11.25	0.95	1	1	9.53973
Overweight Permit_serv	BOBJ1	556.25	After	Interior Girder 2	11.25	0.95	1	1	9.53973
Overweight Permit_serv	BOBJ1	556.25	After	Right Exterior Girder	11.25	0.95	1	1	6.487909
Overweight Permit_serv	BOBJ1	559.4358	Before	Left Exterior Girder	14.4358	0.95	1	1	7.575273
Overweight Permit_serv	BOBJ1	559.4358	Before	Interior Girder 1	14.4358	0.95	1	1	10.986508
Overweight Permit_serv	BOBJ1	559.4358	Before	Interior Girder 2	14.4358	0.95	1	1	10.986508
Overweight Permit_serv	BOBJ1	559.4358	Before	Right Exterior Girder	14.4358	0.95	1	1	7.575273
Overweight Permit_serv	BOBJ1	559.4358	After	Left Exterior Girder	14.4358	0.95	1	1	5.091624
Overweight Permit_serv	BOBJ1	559.4358	After	Interior Girder 1	14.4358	0.95	1	1	7.426871
Overweight Permit_serv	BOBJ1	559.4358	After	Interior Girder 2	14.4358	0.95	1	1	7.426871
Overweight Permit_serv	BOBJ1	559.4358	After	Right Exterior Girder	14.4358	0.95	1	1	5.091624
Overweight Permit_serv	BOBJ1	567.5	Before	Left Exterior Girder	22.5	0.95	1	1	7.558118
Overweight Permit_serv	BOBJ1	567.5	Before	Interior Girder 1	22.5	0.95	1	1	9.489983
Overweight Permit_serv	BOBJ1	567.5	Before	Interior Girder 2	22.5	0.95	1	1	9.489983
Overweight Permit_serv	BOBJ1	567.5	Before	Right Exterior Girder	22.5	0.95	1	1	7.558118
Overweight Permit_serv	BOBJ1	567.5	After	Left Exterior Girder	22.5	0.95	1	1	7.618517
Overweight Permit_serv	BOBJ1	567.5	After	Interior Girder 1	22.5	0.95	1	1	9.259153
Overweight Permit_serv	BOBJ1	567.5	After	Interior Girder 2	22.5	0.95	1	1	9.259153
Overweight Permit_serv	BOBJ1	567.5	After	Right Exterior Girder	22.5	0.95	1	1	7.618516
Overweight Permit_serv	BOBJ1	570.0586	Before	Left Exterior Girder	25.0586	0.95	1	1	8.269106
Overweight Permit_serv	BOBJ1	570.0586	Before	Interior Girder 1	25.0586	0.95	1	1	9.868753
Overweight Permit_serv	BOBJ1	570.0586	Before	Interior Girder 2	25.0586	0.95	1	1	9.868753
Overweight Permit_serv	BOBJ1	570.0586	Before	Right Exterior Girder	25.0586	0.95	1	1	8.269106
Overweight Permit_serv	BOBJ1	570.0586	After	Left Exterior Girder	25.0586	0.95	1	1	5.063342
Overweight Permit_serv	BOBJ1	570.0586	After	Interior Girder 1	25.0586	0.95	1	1	6.04294
Overweight Permit_serv	BOBJ1	570.0586	After	Interior Girder 2	25.0586	0.95	1	1	6.04294
Overweight Permit_serv	BOBJ1	570.0586	After	Right Exterior Girder	25.0586	0.95	1	1	5.063342
Overweight Permit_serv	BOBJ1	578.75	Before	Left Exterior Girder	33.75	0.95	1	1	6.540083
Overweight Permit_serv	BOBJ1	578.75	Before	Interior Girder 1	33.75	0.95	1	1	7.952281
Overweight Permit_serv	BOBJ1	578.75	Before	Interior Girder 2	33.75	0.95	1	1	7.952281
Overweight Permit_serv	BOBJ1	578.75	Before	Right Exterior Girder	33.75	0.95	1	1	6.540083
Overweight Permit_serv	BOBJ1	578.75	After	Left Exterior Girder	33.75	0.95	1	1	6.522557
Overweight Permit_serv	BOBJ1	578.75	After	Interior Girder 1	33.75	0.95	1	1	7.960536
Overweight Permit_serv	BOBJ1	578.75	After	Interior Girder 2	33.75	0.95	1	1	7.960536
Overweight Permit_serv	BOBJ1	578.75	After	Right Exterior Girder	33.75	0.95	1	1	6.522557
Overweight Permit_serv	BOBJ1	586.8142	Before	Left Exterior Girder	41.8142	0.95	1	1	7.954049
Overweight Permit_serv	BOBJ1	586.8142	Before	Interior Girder 1	41.8142	0.95	1	1	9.837521
Overweight Permit_serv	BOBJ1	586.8142	Before	Interior Girder 2	41.8142	0.95	1	1	9.837521
Overweight Permit_serv	BOBJ1	586.8142	Before	Right Exterior Girder	41.8142	0.95	1	1	7.954049

TABLE: Bridge Super Rating AASHTORATE18 26 - SteelINonCompServ-Flx - Main Span Girders									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Overweight Permit_serv	BOBJ1	586.8142	After	Left Exterior Girder	41.8142	0.95	1	1	3.7927
Overweight Permit_serv	BOBJ1	586.8142	After	Interior Girder 1	41.8142	0.95	1	1	4.717033
Overweight Permit_serv	BOBJ1	586.8142	After	Interior Girder 2	41.8142	0.95	1	1	4.717033
Overweight Permit_serv	BOBJ1	586.8142	After	Right Exterior Girder	41.8142	0.95	1	1	3.7927
Overweight Permit_serv	BOBJ1	590	Before	Left Exterior Girder	45	0.95	1	1	4.284825
Overweight Permit_serv	BOBJ1	590	Before	Interior Girder 1	45	0.95	1	1	5.363165
Overweight Permit_serv	BOBJ1	590	Before	Interior Girder 2	45	0.95	1	1	5.363165
Overweight Permit_serv	BOBJ1	590	Before	Right Exterior Girder	45	0.95	1	1	4.284825
Overweight Permit_serv	BOBJ1	590	After	Left Exterior Girder	45	0.95	1	1	4.391007
Overweight Permit_serv	BOBJ1	590	After	Interior Girder 1	45	0.95	1	1	5.258853
Overweight Permit_serv	BOBJ1	590	After	Interior Girder 2	45	0.95	1	1	5.258853
Overweight Permit_serv	BOBJ1	590	After	Right Exterior Girder	45	0.95	1	1	4.391007
Overweight Permit_serv	BOBJ1	601.25	Before	Left Exterior Girder	56.25	0.95	1	1	6.233461
Overweight Permit_serv	BOBJ1	601.25	Before	Interior Girder 1	56.25	0.95	1	1	7.548908
Overweight Permit_serv	BOBJ1	601.25	Before	Interior Girder 2	56.25	0.95	1	1	7.548908
Overweight Permit_serv	BOBJ1	601.25	Before	Right Exterior Girder	56.25	0.95	1	1	6.233461
Overweight Permit_serv	BOBJ1	601.25	After	Left Exterior Girder	56.25	0.95	1	1	6.221879
Overweight Permit_serv	BOBJ1	601.25	After	Interior Girder 1	56.25	0.95	1	1	7.556037
Overweight Permit_serv	BOBJ1	601.25	After	Interior Girder 2	56.25	0.95	1	1	7.556037
Overweight Permit_serv	BOBJ1	601.25	After	Right Exterior Girder	56.25	0.95	1	1	6.221879
Overweight Permit_serv	BOBJ1	601.7478	Before	Left Exterior Girder	56.7478	0.95	1	1	6.305299
Overweight Permit_serv	BOBJ1	601.7478	Before	Interior Girder 1	56.7478	0.95	1	1	7.663373
Overweight Permit_serv	BOBJ1	601.7478	Before	Interior Girder 2	56.7478	0.95	1	1	7.663373
Overweight Permit_serv	BOBJ1	601.7478	Before	Right Exterior Girder	56.7478	0.95	1	1	6.305299
Overweight Permit_serv	BOBJ1	601.7478	After	Left Exterior Girder	56.7478	0.95	1	1	2.504473
Overweight Permit_serv	BOBJ1	601.7478	After	Interior Girder 1	56.7478	0.95	1	1	3.072276
Overweight Permit_serv	BOBJ1	601.7478	After	Interior Girder 2	56.7478	0.95	1	1	3.072276
Overweight Permit_serv	BOBJ1	601.7478	After	Right Exterior Girder	56.7478	0.95	1	1	2.504473
Overweight Permit_serv	BOBJ1	612.5	Before	Left Exterior Girder	67.5	0.95	1	1	4.095652
Overweight Permit_serv	BOBJ1	612.5	Before	Interior Girder 1	67.5	0.95	1	1	5.040867
Overweight Permit_serv	BOBJ1	612.5	Before	Interior Girder 2	67.5	0.95	1	1	5.040867
Overweight Permit_serv	BOBJ1	612.5	Before	Right Exterior Girder	67.5	0.95	1	1	4.095652
Overweight Permit_serv	BOBJ1	612.5	After	Left Exterior Girder	67.5	0.95	1	1	4.107091
Overweight Permit_serv	BOBJ1	612.5	After	Interior Girder 1	67.5	0.95	1	1	4.941624
Overweight Permit_serv	BOBJ1	612.5	After	Interior Girder 2	67.5	0.95	1	1	4.941624
Overweight Permit_serv	BOBJ1	612.5	After	Right Exterior Girder	67.5	0.95	1	1	4.107091
Overweight Permit_serv	BOBJ1	623.75	Before	Left Exterior Girder	78.75	0.95	1	1	3.887831
Overweight Permit_serv	BOBJ1	623.75	Before	Interior Girder 1	78.75	0.95	1	1	4.335433
Overweight Permit_serv	BOBJ1	623.75	Before	Interior Girder 2	78.75	0.95	1	1	4.335433
Overweight Permit_serv	BOBJ1	623.75	Before	Right Exterior Girder	78.75	0.95	1	1	3.887831
Overweight Permit_serv	BOBJ1	623.75	After	Left Exterior Girder	78.75	0.95	1	1	3.908938
Overweight Permit_serv	BOBJ1	623.75	After	Interior Girder 1	78.75	0.95	1	1	4.322975
Overweight Permit_serv	BOBJ1	623.75	After	Interior Girder 2	78.75	0.95	1	1	4.322975
Overweight Permit_serv	BOBJ1	623.75	After	Right Exterior Girder	78.75	0.95	1	1	3.908938
Overweight Permit_serv	BOBJ1	635	Before	Left Exterior Girder	90	0.95	1	1	2.624838
Overweight Permit_serv	BOBJ1	635	Before	Interior Girder 1	90	0.95	1	1	3.173336
Overweight Permit_serv	BOBJ1	635	Before	Interior Girder 2	90	0.95	1	1	3.173335
Overweight Permit_serv	BOBJ1	635	Before	Right Exterior Girder	90	0.95	1	1	2.624838
Overweight Permit_serv	BOBJ1	635	After	Left Exterior Girder	90	0.95	1	1	2.729525
Overweight Permit_serv	BOBJ1	635	After	Interior Girder 1	90	0.95	1	1	3.102931
Overweight Permit_serv	BOBJ1	635	After	Interior Girder 2	90	0.95	1	1	3.102931
Overweight Permit_serv	BOBJ1	635	After	Right Exterior Girder	90	0.95	1	1	2.729525
Overweight Permit_serv	BOBJ1	643.5619	Before	Left Exterior Girder	98.5619	0.95	1	1	2.073685
Overweight Permit_serv	BOBJ1	643.5619	Before	Interior Girder 1	98.5619	0.95	1	1	2.456753
Overweight Permit_serv	BOBJ1	643.5619	Before	Interior Girder 2	98.5619	0.95	1	1	2.456753
Overweight Permit_serv	BOBJ1	643.5619	Before	Right Exterior Girder	98.5619	0.95	1	1	2.073685
Overweight Permit_serv	BOBJ1	643.5619	After	Left Exterior Girder	98.5619	0.95	1	1	3.94185
Overweight Permit_serv	BOBJ1	643.5619	After	Interior Girder 1	98.5619	0.95	1	1	4.637948
Overweight Permit_serv	BOBJ1	643.5619	After	Interior Girder 2	98.5619	0.95	1	1	4.637948
Overweight Permit_serv	BOBJ1	643.5619	After	Right Exterior Girder	98.5619	0.95	1	1	3.94185
Overweight Permit_serv	BOBJ1	646.25	Before	Left Exterior Girder	101.25	0.95	1	1	3.728235
Overweight Permit_serv	BOBJ1	646.25	Before	Interior Girder 1	101.25	0.95	1	1	4.44201
Overweight Permit_serv	BOBJ1	646.25	Before	Interior Girder 2	101.25	0.95	1	1	4.44201
Overweight Permit_serv	BOBJ1	646.25	Before	Right Exterior Girder	101.25	0.95	1	1	3.728235
Overweight Permit_serv	BOBJ1	646.25	After	Left Exterior Girder	101.25	0.95	1	1	3.734687
Overweight Permit_serv	BOBJ1	646.25	After	Interior Girder 1	101.25	0.95	1	1	4.437933
Overweight Permit_serv	BOBJ1	646.25	After	Interior Girder 2	101.25	0.95	1	1	4.437933
Overweight Permit_serv	BOBJ1	646.25	After	Right Exterior Girder	101.25	0.95	1	1	3.734687
Overweight Permit_serv	BOBJ1	657.5	Before	Left Exterior Girder	112.5	0.95	1	1	3.085148
Overweight Permit_serv	BOBJ1	657.5	Before	Interior Girder 1	112.5	0.95	1	1	3.816785

TABLE: Bridge Super Rating AASHTORATE18 26 - SteelINonCompServ-Flx - Main Span Girders									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Overweight Permit_serv	BOBJ1	657.5	Before	Interior Girder 2	112.5	0.95	1	1	3.816785
Overweight Permit_serv	BOBJ1	657.5	Before	Right Exterior Girder	112.5	0.95	1	1	3.085148
Overweight Permit_serv	BOBJ1	657.5	After	Left Exterior Girder	112.5	0.95	1	1	3.128702
Overweight Permit_serv	BOBJ1	657.5	After	Interior Girder 1	112.5	0.95	1	1	3.771237
Overweight Permit_serv	BOBJ1	657.5	After	Interior Girder 2	112.5	0.95	1	1	3.771237
Overweight Permit_serv	BOBJ1	657.5	After	Right Exterior Girder	112.5	0.95	1	1	3.128702
Overweight Permit_serv	BOBJ1	668.75	Before	Left Exterior Girder	123.75	0.95	1	1	2.746939
Overweight Permit_serv	BOBJ1	668.75	Before	Interior Girder 1	123.75	0.95	1	1	3.325052
Overweight Permit_serv	BOBJ1	668.75	Before	Interior Girder 2	123.75	0.95	1	1	3.325052
Overweight Permit_serv	BOBJ1	668.75	Before	Right Exterior Girder	123.75	0.95	1	1	2.746939
Overweight Permit_serv	BOBJ1	668.75	After	Left Exterior Girder	123.75	0.95	1	1	2.751861
Overweight Permit_serv	BOBJ1	668.75	After	Interior Girder 1	123.75	0.95	1	1	3.329876
Overweight Permit_serv	BOBJ1	668.75	After	Interior Girder 2	123.75	0.95	1	1	3.329876
Overweight Permit_serv	BOBJ1	668.75	After	Right Exterior Girder	123.75	0.95	1	1	2.751861
Overweight Permit_serv	BOBJ1	680	Before	Left Exterior Girder	135	0.95	1	1	2.495313
Overweight Permit_serv	BOBJ1	680	Before	Interior Girder 1	135	0.95	1	1	3.054047
Overweight Permit_serv	BOBJ1	680	Before	Interior Girder 2	135	0.95	1	1	3.054047
Overweight Permit_serv	BOBJ1	680	Before	Right Exterior Girder	135	0.95	1	1	2.495313
Overweight Permit_serv	BOBJ1	680	After	Left Exterior Girder	135	0.95	1	1	2.479638
Overweight Permit_serv	BOBJ1	680	After	Interior Girder 1	135	0.95	1	1	3.086411
Overweight Permit_serv	BOBJ1	680	After	Interior Girder 2	135	0.95	1	1	3.086411
Overweight Permit_serv	BOBJ1	680	After	Right Exterior Girder	135	0.95	1	1	2.479638
Overweight Permit_serv	BOBJ1	691.25	Before	Left Exterior Girder	146.25	0.95	1	1	2.389907
Overweight Permit_serv	BOBJ1	691.25	Before	Interior Girder 1	146.25	0.95	1	1	2.94314
Overweight Permit_serv	BOBJ1	691.25	Before	Interior Girder 2	146.25	0.95	1	1	2.94314
Overweight Permit_serv	BOBJ1	691.25	Before	Right Exterior Girder	146.25	0.95	1	1	2.389907
Overweight Permit_serv	BOBJ1	691.25	After	Left Exterior Girder	146.25	0.95	1	1	2.388083
Overweight Permit_serv	BOBJ1	691.25	After	Interior Girder 1	146.25	0.95	1	1	2.948604
Overweight Permit_serv	BOBJ1	691.25	After	Interior Girder 2	146.25	0.95	1	1	2.948604
Overweight Permit_serv	BOBJ1	691.25	After	Right Exterior Girder	146.25	0.95	1	1	2.388083
Overweight Permit_serv	BOBJ1	702.5	Before	Left Exterior Girder	157.5	0.95	1	1	2.475723
Overweight Permit_serv	BOBJ1	702.5	Before	Interior Girder 1	157.5	0.95	1	1	3.022153
Overweight Permit_serv	BOBJ1	702.5	Before	Interior Girder 2	157.5	0.95	1	1	3.022153
Overweight Permit_serv	BOBJ1	702.5	Before	Right Exterior Girder	157.5	0.95	1	1	2.475723
Overweight Permit_serv	BOBJ1	702.5	After	Left Exterior Girder	157.5	0.95	1	1	2.41532
Overweight Permit_serv	BOBJ1	702.5	After	Interior Girder 1	157.5	0.95	1	1	3.082648
Overweight Permit_serv	BOBJ1	702.5	After	Interior Girder 2	157.5	0.95	1	1	3.082649
Overweight Permit_serv	BOBJ1	702.5	After	Right Exterior Girder	157.5	0.95	1	1	2.41532
Overweight Permit_serv	BOBJ1	713.75	Before	Left Exterior Girder	168.75	0.95	1	1	2.708017
Overweight Permit_serv	BOBJ1	713.75	Before	Interior Girder 1	168.75	0.95	1	1	3.331424
Overweight Permit_serv	BOBJ1	713.75	Before	Interior Girder 2	168.75	0.95	1	1	3.331425
Overweight Permit_serv	BOBJ1	713.75	Before	Right Exterior Girder	168.75	0.95	1	1	2.708017
Overweight Permit_serv	BOBJ1	713.75	After	Left Exterior Girder	168.75	0.95	1	1	2.698787
Overweight Permit_serv	BOBJ1	713.75	After	Interior Girder 1	168.75	0.95	1	1	3.338676
Overweight Permit_serv	BOBJ1	713.75	After	Interior Girder 2	168.75	0.95	1	1	3.338677
Overweight Permit_serv	BOBJ1	713.75	After	Right Exterior Girder	168.75	0.95	1	1	2.698787
Overweight Permit_serv	BOBJ1	725	Before	Left Exterior Girder	180	0.95	1	1	3.270579
Overweight Permit_serv	BOBJ1	725	Before	Interior Girder 1	180	0.95	1	1	3.899758
Overweight Permit_serv	BOBJ1	725	Before	Interior Girder 2	180	0.95	1	1	3.899758
Overweight Permit_serv	BOBJ1	725	Before	Right Exterior Girder	180	0.95	1	1	3.270579
Overweight Permit_serv	BOBJ1	725	After	Left Exterior Girder	180	0.95	1	1	3.131742
Overweight Permit_serv	BOBJ1	725	After	Interior Girder 1	180	0.95	1	1	4.012553
Overweight Permit_serv	BOBJ1	725	After	Interior Girder 2	180	0.95	1	1	4.012553
Overweight Permit_serv	BOBJ1	725	After	Right Exterior Girder	180	0.95	1	1	3.131741
Overweight Permit_serv	BOBJ1	731.1726	Before	Left Exterior Girder	186.1726	0.95	1	1	3.621458
Overweight Permit_serv	BOBJ1	731.1726	Before	Interior Girder 1	186.1726	0.95	1	1	4.479349
Overweight Permit_serv	BOBJ1	731.1726	Before	Interior Girder 2	186.1726	0.95	1	1	4.479349
Overweight Permit_serv	BOBJ1	731.1726	Before	Right Exterior Girder	186.1726	0.95	1	1	3.621458
Overweight Permit_serv	BOBJ1	731.1726	After	Left Exterior Girder	186.1726	0.95	1	1	1.543862
Overweight Permit_serv	BOBJ1	731.1726	After	Interior Girder 1	186.1726	0.95	1	1	1.918176
Overweight Permit_serv	BOBJ1	731.1726	After	Interior Girder 2	186.1726	0.95	1	1	1.918176
Overweight Permit_serv	BOBJ1	731.1726	After	Right Exterior Girder	186.1726	0.95	1	1	1.543861
Overweight Permit_serv	BOBJ1	736.25	Before	Left Exterior Girder	191.25	0.95	1	1	1.88869
Overweight Permit_serv	BOBJ1	736.25	Before	Interior Girder 1	191.25	0.95	1	1	2.272335
Overweight Permit_serv	BOBJ1	736.25	Before	Interior Girder 2	191.25	0.95	1	1	2.272335
Overweight Permit_serv	BOBJ1	736.25	Before	Right Exterior Girder	191.25	0.95	1	1	1.88869
Overweight Permit_serv	BOBJ1	736.25	After	Left Exterior Girder	191.25	0.95	1	1	1.875945
Overweight Permit_serv	BOBJ1	736.25	After	Interior Girder 1	191.25	0.95	1	1	2.273185
Overweight Permit_serv	BOBJ1	736.25	After	Interior Girder 2	191.25	0.95	1	1	2.273185
Overweight Permit_serv	BOBJ1	736.25	After	Right Exterior Girder	191.25	0.95	1	1	1.875945

TABLE: Bridge Super Rating AASHTORATE18 26 - SteelNonCompServ-Flx - Main Span Girders									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Overweight Permit_serv	BOBJ1	747.5	Before	Left Exterior Girder	202.5	0.95	1	1	3.318143
Overweight Permit_serv	BOBJ1	747.5	Before	Interior Girder 1	202.5	0.95	1	1	3.717477
Overweight Permit_serv	BOBJ1	747.5	Before	Interior Girder 2	202.5	0.95	1	1	3.717477
Overweight Permit_serv	BOBJ1	747.5	Before	Right Exterior Girder	202.5	0.95	1	1	3.318143
Overweight Permit_serv	BOBJ1	747.5	After	Left Exterior Girder	202.5	0.95	1	1	3.017439
Overweight Permit_serv	BOBJ1	747.5	After	Interior Girder 1	202.5	0.95	1	1	3.691236
Overweight Permit_serv	BOBJ1	747.5	After	Interior Girder 2	202.5	0.95	1	1	3.691236
Overweight Permit_serv	BOBJ1	747.5	After	Right Exterior Girder	202.5	0.95	1	1	3.017438
Overweight Permit_serv	BOBJ1	758.75	Before	Left Exterior Girder	213.75	0.95	1	1	7.102184
Overweight Permit_serv	BOBJ1	758.75	Before	Interior Girder 1	213.75	0.95	1	1	7.809366
Overweight Permit_serv	BOBJ1	758.75	Before	Interior Girder 2	213.75	0.95	1	1	7.809366
Overweight Permit_serv	BOBJ1	758.75	Before	Right Exterior Girder	213.75	0.95	1	1	7.102181
Overweight Permit_serv	BOBJ1	758.75	After	Left Exterior Girder	213.75	0.95	1	1	6.991723
Overweight Permit_serv	BOBJ1	758.75	After	Interior Girder 1	213.75	0.95	1	1	7.72039
Overweight Permit_serv	BOBJ1	758.75	After	Interior Girder 2	213.75	0.95	1	1	7.72039
Overweight Permit_serv	BOBJ1	758.75	After	Right Exterior Girder	213.75	0.95	1	1	6.99172
Overweight Permit_serv	BOBJ1	770	Before	Left Exterior Girder	225	0.95	1	1	102.482697
Overweight Permit_serv	BOBJ1	770	Before	Interior Girder 1	225	0.95	1	1	135.38297
Overweight Permit_serv	BOBJ1	770	Before	Interior Girder 2	225	0.95	1	1	135.382552
Overweight Permit_serv	BOBJ1	770	Before	Right Exterior Girder	225	0.95	1	1	102.483184
Combined Trck+lane_str_serv	BOBJ1	0	After	Left Exterior Girder	0	0.95	1	1	216.648522
Combined Trck+lane_str_serv	BOBJ1	0	After	Interior Girder 1	0	0.95	1	1	183.913598
Combined Trck+lane_str_serv	BOBJ1	0	After	Interior Girder 2	0	0.95	1	1	183.91341
Combined Trck+lane_str_serv	BOBJ1	0	After	Right Exterior Girder	0	0.95	1	1	216.64851
Combined Trck+lane_str_serv	BOBJ1	11.25	Before	Left Exterior Girder	11.25	0.95	1	1	11.479958
Combined Trck+lane_str_serv	BOBJ1	11.25	Before	Interior Girder 1	11.25	0.95	1	1	8.736318
Combined Trck+lane_str_serv	BOBJ1	11.25	Before	Interior Girder 2	11.25	0.95	1	1	8.73632
Combined Trck+lane_str_serv	BOBJ1	11.25	Before	Right Exterior Girder	11.25	0.95	1	1	11.479957
Combined Trck+lane_str_serv	BOBJ1	11.25	After	Left Exterior Girder	11.25	0.95	1	1	11.505766
Combined Trck+lane_str_serv	BOBJ1	11.25	After	Interior Girder 1	11.25	0.95	1	1	8.841788
Combined Trck+lane_str_serv	BOBJ1	11.25	After	Interior Girder 2	11.25	0.95	1	1	8.84179
Combined Trck+lane_str_serv	BOBJ1	11.25	After	Right Exterior Girder	11.25	0.95	1	1	11.505765
Combined Trck+lane_str_serv	BOBJ1	22.5	Before	Left Exterior Girder	22.5	0.95	1	1	4.81202
Combined Trck+lane_str_serv	BOBJ1	22.5	Before	Interior Girder 1	22.5	0.95	1	1	4.158516
Combined Trck+lane_str_serv	BOBJ1	22.5	Before	Interior Girder 2	22.5	0.95	1	1	4.158517
Combined Trck+lane_str_serv	BOBJ1	22.5	Before	Right Exterior Girder	22.5	0.95	1	1	4.81202
Combined Trck+lane_str_serv	BOBJ1	22.5	After	Left Exterior Girder	22.5	0.95	1	1	5.019044
Combined Trck+lane_str_serv	BOBJ1	22.5	After	Interior Girder 1	22.5	0.95	1	1	4.183194
Combined Trck+lane_str_serv	BOBJ1	22.5	After	Interior Girder 2	22.5	0.95	1	1	4.183195
Combined Trck+lane_str_serv	BOBJ1	22.5	After	Right Exterior Girder	22.5	0.95	1	1	5.019044
Combined Trck+lane_str_serv	BOBJ1	33.75	Before	Left Exterior Girder	33.75	0.95	1	1	2.857819
Combined Trck+lane_str_serv	BOBJ1	33.75	Before	Interior Girder 1	33.75	0.95	1	1	2.532825
Combined Trck+lane_str_serv	BOBJ1	33.75	Before	Interior Girder 2	33.75	0.95	1	1	2.532825
Combined Trck+lane_str_serv	BOBJ1	33.75	Before	Right Exterior Girder	33.75	0.95	1	1	2.857819
Combined Trck+lane_str_serv	BOBJ1	33.75	After	Left Exterior Girder	33.75	0.95	1	1	2.866787
Combined Trck+lane_str_serv	BOBJ1	33.75	After	Interior Girder 1	33.75	0.95	1	1	2.531841
Combined Trck+lane_str_serv	BOBJ1	33.75	After	Interior Girder 2	33.75	0.95	1	1	2.531841
Combined Trck+lane_str_serv	BOBJ1	33.75	After	Right Exterior Girder	33.75	0.95	1	1	2.866787
Combined Trck+lane_str_serv	BOBJ1	38.8274	Before	Left Exterior Girder	38.8274	0.95	1	1	2.325826
Combined Trck+lane_str_serv	BOBJ1	38.8274	Before	Interior Girder 1	38.8274	0.95	1	1	2.125716
Combined Trck+lane_str_serv	BOBJ1	38.8274	Before	Interior Girder 2	38.8274	0.95	1	1	2.125716
Combined Trck+lane_str_serv	BOBJ1	38.8274	Before	Right Exterior Girder	38.8274	0.95	1	1	2.325826
Combined Trck+lane_str_serv	BOBJ1	38.8274	After	Left Exterior Girder	38.8274	0.95	1	1	5.419184
Combined Trck+lane_str_serv	BOBJ1	38.8274	After	Interior Girder 1	38.8274	0.95	1	1	4.949313
Combined Trck+lane_str_serv	BOBJ1	38.8274	After	Interior Girder 2	38.8274	0.95	1	1	4.949314
Combined Trck+lane_str_serv	BOBJ1	38.8274	After	Right Exterior Girder	38.8274	0.95	1	1	5.419184
Combined Trck+lane_str_serv	BOBJ1	45	Before	Left Exterior Girder	45	0.95	1	1	4.636874
Combined Trck+lane_str_serv	BOBJ1	45	Before	Interior Girder 1	45	0.95	1	1	4.335485
Combined Trck+lane_str_serv	BOBJ1	45	Before	Interior Girder 2	45	0.95	1	1	4.335485
Combined Trck+lane_str_serv	BOBJ1	45	Before	Right Exterior Girder	45	0.95	1	1	4.636874
Combined Trck+lane_str_serv	BOBJ1	45	After	Left Exterior Girder	45	0.95	1	1	4.714221
Combined Trck+lane_str_serv	BOBJ1	45	After	Interior Girder 1	45	0.95	1	1	4.362463
Combined Trck+lane_str_serv	BOBJ1	45	After	Interior Girder 2	45	0.95	1	1	4.362463
Combined Trck+lane_str_serv	BOBJ1	45	After	Right Exterior Girder	45	0.95	1	1	4.714221
Combined Trck+lane_str_serv	BOBJ1	56.25	Before	Left Exterior Girder	56.25	0.95	1	1	3.861269
Combined Trck+lane_str_serv	BOBJ1	56.25	Before	Interior Girder 1	56.25	0.95	1	1	3.604378
Combined Trck+lane_str_serv	BOBJ1	56.25	Before	Interior Girder 2	56.25	0.95	1	1	3.604378
Combined Trck+lane_str_serv	BOBJ1	56.25	Before	Right Exterior Girder	56.25	0.95	1	1	3.861269
Combined Trck+lane_str_serv	BOBJ1	56.25	After	Left Exterior Girder	56.25	0.95	1	1	3.863197
Combined Trck+lane_str_serv	BOBJ1	56.25	After	Interior Girder 1	56.25	0.95	1	1	3.601954

TABLE: Bridge Super Rating AASHTORATE18 26 - SteelINonCompServ-Flx - Main Span Girders									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Combined Trck+lane_str_serv	BOBJ1	56.25	After	Interior Girder 2	56.25	0.95	1	1	3.601953
Combined Trck+lane_str_serv	BOBJ1	56.25	After	Right Exterior Girder	56.25	0.95	1	1	3.863197
Combined Trck+lane_str_serv	BOBJ1	67.5	Before	Left Exterior Girder	67.5	0.95	1	1	3.397774
Combined Trck+lane_str_serv	BOBJ1	67.5	Before	Interior Girder 1	67.5	0.95	1	1	3.233766
Combined Trck+lane_str_serv	BOBJ1	67.5	Before	Interior Girder 2	67.5	0.95	1	1	3.233766
Combined Trck+lane_str_serv	BOBJ1	67.5	Before	Right Exterior Girder	67.5	0.95	1	1	3.397774
Combined Trck+lane_str_serv	BOBJ1	67.5	After	Left Exterior Girder	67.5	0.95	1	1	3.435931
Combined Trck+lane_str_serv	BOBJ1	67.5	After	Interior Girder 1	67.5	0.95	1	1	3.245272
Combined Trck+lane_str_serv	BOBJ1	67.5	After	Interior Girder 2	67.5	0.95	1	1	3.245272
Combined Trck+lane_str_serv	BOBJ1	67.5	After	Right Exterior Girder	67.5	0.95	1	1	3.435932
Combined Trck+lane_str_serv	BOBJ1	78.75	Before	Left Exterior Girder	78.75	0.95	1	1	3.275124
Combined Trck+lane_str_serv	BOBJ1	78.75	Before	Interior Girder 1	78.75	0.95	1	1	3.085052
Combined Trck+lane_str_serv	BOBJ1	78.75	Before	Interior Girder 2	78.75	0.95	1	1	3.085051
Combined Trck+lane_str_serv	BOBJ1	78.75	Before	Right Exterior Girder	78.75	0.95	1	1	3.275124
Combined Trck+lane_str_serv	BOBJ1	78.75	After	Left Exterior Girder	78.75	0.95	1	1	3.275172
Combined Trck+lane_str_serv	BOBJ1	78.75	After	Interior Girder 1	78.75	0.95	1	1	3.083003
Combined Trck+lane_str_serv	BOBJ1	78.75	After	Interior Girder 2	78.75	0.95	1	1	3.083002
Combined Trck+lane_str_serv	BOBJ1	78.75	After	Right Exterior Girder	78.75	0.95	1	1	3.275172
Combined Trck+lane_str_serv	BOBJ1	90	Before	Left Exterior Girder	90	0.95	1	1	3.310941
Combined Trck+lane_str_serv	BOBJ1	90	Before	Interior Girder 1	90	0.95	1	1	3.147841
Combined Trck+lane_str_serv	BOBJ1	90	Before	Interior Girder 2	90	0.95	1	1	3.14784
Combined Trck+lane_str_serv	BOBJ1	90	Before	Right Exterior Girder	90	0.95	1	1	3.310941
Combined Trck+lane_str_serv	BOBJ1	90	After	Left Exterior Girder	90	0.95	1	1	3.31462
Combined Trck+lane_str_serv	BOBJ1	90	After	Interior Girder 1	90	0.95	1	1	3.147793
Combined Trck+lane_str_serv	BOBJ1	90	After	Interior Girder 2	90	0.95	1	1	3.147792
Combined Trck+lane_str_serv	BOBJ1	90	After	Right Exterior Girder	90	0.95	1	1	3.31462
Combined Trck+lane_str_serv	BOBJ1	101.25	Before	Left Exterior Girder	101.25	0.95	1	1	3.594423
Combined Trck+lane_str_serv	BOBJ1	101.25	Before	Interior Girder 1	101.25	0.95	1	1	3.368722
Combined Trck+lane_str_serv	BOBJ1	101.25	Before	Interior Girder 2	101.25	0.95	1	1	3.368722
Combined Trck+lane_str_serv	BOBJ1	101.25	Before	Right Exterior Girder	101.25	0.95	1	1	3.594423
Combined Trck+lane_str_serv	BOBJ1	101.25	After	Left Exterior Girder	101.25	0.95	1	1	3.591253
Combined Trck+lane_str_serv	BOBJ1	101.25	After	Interior Girder 1	101.25	0.95	1	1	3.368987
Combined Trck+lane_str_serv	BOBJ1	101.25	After	Interior Girder 2	101.25	0.95	1	1	3.368987
Combined Trck+lane_str_serv	BOBJ1	101.25	After	Right Exterior Girder	101.25	0.95	1	1	3.591253
Combined Trck+lane_str_serv	BOBJ1	112.5	Before	Left Exterior Girder	112.5	0.95	1	1	4.076467
Combined Trck+lane_str_serv	BOBJ1	112.5	Before	Interior Girder 1	112.5	0.95	1	1	3.818131
Combined Trck+lane_str_serv	BOBJ1	112.5	Before	Interior Girder 2	112.5	0.95	1	1	3.818131
Combined Trck+lane_str_serv	BOBJ1	112.5	Before	Right Exterior Girder	112.5	0.95	1	1	4.076467
Combined Trck+lane_str_serv	BOBJ1	112.5	After	Left Exterior Girder	112.5	0.95	1	1	4.054288
Combined Trck+lane_str_serv	BOBJ1	112.5	After	Interior Girder 1	112.5	0.95	1	1	3.817505
Combined Trck+lane_str_serv	BOBJ1	112.5	After	Interior Girder 2	112.5	0.95	1	1	3.817506
Combined Trck+lane_str_serv	BOBJ1	112.5	After	Right Exterior Girder	112.5	0.95	1	1	4.054288
Combined Trck+lane_str_serv	BOBJ1	123.75	Before	Left Exterior Girder	123.75	0.95	1	1	4.888876
Combined Trck+lane_str_serv	BOBJ1	123.75	Before	Interior Girder 1	123.75	0.95	1	1	4.484275
Combined Trck+lane_str_serv	BOBJ1	123.75	Before	Interior Girder 2	123.75	0.95	1	1	4.484275
Combined Trck+lane_str_serv	BOBJ1	123.75	Before	Right Exterior Girder	123.75	0.95	1	1	4.888876
Combined Trck+lane_str_serv	BOBJ1	123.75	After	Left Exterior Girder	123.75	0.95	1	1	4.888703
Combined Trck+lane_str_serv	BOBJ1	123.75	After	Interior Girder 1	123.75	0.95	1	1	4.483256
Combined Trck+lane_str_serv	BOBJ1	123.75	After	Interior Girder 2	123.75	0.95	1	1	4.483256
Combined Trck+lane_str_serv	BOBJ1	123.75	After	Right Exterior Girder	123.75	0.95	1	1	4.888703
Combined Trck+lane_str_serv	BOBJ1	126.4381	Before	Left Exterior Girder	126.4381	0.95	1	1	5.146229
Combined Trck+lane_str_serv	BOBJ1	126.4381	Before	Interior Girder 1	126.4381	0.95	1	1	4.69375
Combined Trck+lane_str_serv	BOBJ1	126.4381	Before	Interior Girder 2	126.4381	0.95	1	1	4.693751
Combined Trck+lane_str_serv	BOBJ1	126.4381	Before	Right Exterior Girder	126.4381	0.95	1	1	5.146229
Combined Trck+lane_str_serv	BOBJ1	126.4381	After	Left Exterior Girder	126.4381	0.95	1	1	2.718158
Combined Trck+lane_str_serv	BOBJ1	126.4381	After	Interior Girder 1	126.4381	0.95	1	1	2.485656
Combined Trck+lane_str_serv	BOBJ1	126.4381	After	Interior Girder 2	126.4381	0.95	1	1	2.485656
Combined Trck+lane_str_serv	BOBJ1	126.4381	After	Right Exterior Girder	126.4381	0.95	1	1	2.718158
Combined Trck+lane_str_serv	BOBJ1	135	Before	Left Exterior Girder	135	0.95	1	1	3.492806
Combined Trck+lane_str_serv	BOBJ1	135	Before	Interior Girder 1	135	0.95	1	1	3.153952
Combined Trck+lane_str_serv	BOBJ1	135	Before	Interior Girder 2	135	0.95	1	1	3.153952
Combined Trck+lane_str_serv	BOBJ1	135	Before	Right Exterior Girder	135	0.95	1	1	3.492806
Combined Trck+lane_str_serv	BOBJ1	135	After	Left Exterior Girder	135	0.95	1	1	3.429339
Combined Trck+lane_str_serv	BOBJ1	135	After	Interior Girder 1	135	0.95	1	1	3.139613
Combined Trck+lane_str_serv	BOBJ1	135	After	Interior Girder 2	135	0.95	1	1	3.139613
Combined Trck+lane_str_serv	BOBJ1	135	After	Right Exterior Girder	135	0.95	1	1	3.429339
Combined Trck+lane_str_serv	BOBJ1	146.25	Before	Left Exterior Girder	146.25	0.95	1	1	4.965569
Combined Trck+lane_str_serv	BOBJ1	146.25	Before	Interior Girder 1	146.25	0.95	1	1	4.335358
Combined Trck+lane_str_serv	BOBJ1	146.25	Before	Interior Girder 2	146.25	0.95	1	1	4.335358
Combined Trck+lane_str_serv	BOBJ1	146.25	Before	Right Exterior Girder	146.25	0.95	1	1	4.965569

TABLE: Bridge Super Rating AASHTORATE18 26 - SteelNonCompServ-Flx - Main Span Girders									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Combined Trck+lane_str_serv	BOBJ1	146.25	After	Left Exterior Girder	146.25	0.95	1	1	4.960044
Combined Trck+lane_str_serv	BOBJ1	146.25	After	Interior Girder 1	146.25	0.95	1	1	4.339424
Combined Trck+lane_str_serv	BOBJ1	146.25	After	Interior Girder 2	146.25	0.95	1	1	4.339424
Combined Trck+lane_str_serv	BOBJ1	146.25	After	Right Exterior Girder	146.25	0.95	1	1	4.960044
Combined Trck+lane_str_serv	BOBJ1	157.5	Before	Left Exterior Girder	157.5	0.95	1	1	4.308748
Combined Trck+lane_str_serv	BOBJ1	157.5	Before	Interior Girder 1	157.5	0.95	1	1	4.265264
Combined Trck+lane_str_serv	BOBJ1	157.5	Before	Interior Girder 2	157.5	0.95	1	1	4.265264
Combined Trck+lane_str_serv	BOBJ1	157.5	Before	Right Exterior Girder	157.5	0.95	1	1	4.308748
Combined Trck+lane_str_serv	BOBJ1	157.5	After	Left Exterior Girder	157.5	0.95	1	1	4.350002
Combined Trck+lane_str_serv	BOBJ1	157.5	After	Interior Girder 1	157.5	0.95	1	1	4.284742
Combined Trck+lane_str_serv	BOBJ1	157.5	After	Interior Girder 2	157.5	0.95	1	1	4.284742
Combined Trck+lane_str_serv	BOBJ1	157.5	After	Right Exterior Girder	157.5	0.95	1	1	4.350003
Combined Trck+lane_str_serv	BOBJ1	168.2522	Before	Left Exterior Girder	168.2522	0.95	1	1	2.698913
Combined Trck+lane_str_serv	BOBJ1	168.2522	Before	Interior Girder 1	168.2522	0.95	1	1	2.632032
Combined Trck+lane_str_serv	BOBJ1	168.2522	Before	Interior Girder 2	168.2522	0.95	1	1	2.632032
Combined Trck+lane_str_serv	BOBJ1	168.2522	Before	Right Exterior Girder	168.2522	0.95	1	1	2.698914
Combined Trck+lane_str_serv	BOBJ1	168.2522	After	Left Exterior Girder	168.2522	0.95	1	1	6.787045
Combined Trck+lane_str_serv	BOBJ1	168.2522	After	Interior Girder 1	168.2522	0.95	1	1	6.568789
Combined Trck+lane_str_serv	BOBJ1	168.2522	After	Interior Girder 2	168.2522	0.95	1	1	6.568789
Combined Trck+lane_str_serv	BOBJ1	168.2522	After	Right Exterior Girder	168.2522	0.95	1	1	6.787045
Combined Trck+lane_str_serv	BOBJ1	168.75	Before	Left Exterior Girder	168.75	0.95	1	1	6.694055
Combined Trck+lane_str_serv	BOBJ1	168.75	Before	Interior Girder 1	168.75	0.95	1	1	6.483994
Combined Trck+lane_str_serv	BOBJ1	168.75	Before	Interior Girder 2	168.75	0.95	1	1	6.483993
Combined Trck+lane_str_serv	BOBJ1	168.75	Before	Right Exterior Girder	168.75	0.95	1	1	6.694055
Combined Trck+lane_str_serv	BOBJ1	168.75	After	Left Exterior Girder	168.75	0.95	1	1	6.704189
Combined Trck+lane_str_serv	BOBJ1	168.75	After	Interior Girder 1	168.75	0.95	1	1	6.475147
Combined Trck+lane_str_serv	BOBJ1	168.75	After	Interior Girder 2	168.75	0.95	1	1	6.475147
Combined Trck+lane_str_serv	BOBJ1	168.75	After	Right Exterior Girder	168.75	0.95	1	1	6.70419
Combined Trck+lane_str_serv	BOBJ1	180	Before	Left Exterior Girder	180	0.95	1	1	4.708192
Combined Trck+lane_str_serv	BOBJ1	180	Before	Interior Girder 1	180	0.95	1	1	4.489756
Combined Trck+lane_str_serv	BOBJ1	180	Before	Interior Girder 2	180	0.95	1	1	4.489756
Combined Trck+lane_str_serv	BOBJ1	180	Before	Right Exterior Girder	180	0.95	1	1	4.708193
Combined Trck+lane_str_serv	BOBJ1	180	After	Left Exterior Girder	180	0.95	1	1	4.712714
Combined Trck+lane_str_serv	BOBJ1	180	After	Interior Girder 1	180	0.95	1	1	4.464344
Combined Trck+lane_str_serv	BOBJ1	180	After	Interior Girder 2	180	0.95	1	1	4.464344
Combined Trck+lane_str_serv	BOBJ1	180	After	Right Exterior Girder	180	0.95	1	1	4.712714
Combined Trck+lane_str_serv	BOBJ1	183.1858	Before	Left Exterior Girder	183.1858	0.95	1	1	4.155218
Combined Trck+lane_str_serv	BOBJ1	183.1858	Before	Interior Girder 1	183.1858	0.95	1	1	3.917633
Combined Trck+lane_str_serv	BOBJ1	183.1858	Before	Interior Girder 2	183.1858	0.95	1	1	3.917633
Combined Trck+lane_str_serv	BOBJ1	183.1858	Before	Right Exterior Girder	183.1858	0.95	1	1	4.155218
Combined Trck+lane_str_serv	BOBJ1	183.1858	After	Left Exterior Girder	183.1858	0.95	1	1	8.700467
Combined Trck+lane_str_serv	BOBJ1	183.1858	After	Interior Girder 1	183.1858	0.95	1	1	8.17469
Combined Trck+lane_str_serv	BOBJ1	183.1858	After	Interior Girder 2	183.1858	0.95	1	1	8.17469
Combined Trck+lane_str_serv	BOBJ1	183.1858	After	Right Exterior Girder	183.1858	0.95	1	1	8.700467
Combined Trck+lane_str_serv	BOBJ1	191.25	Before	Left Exterior Girder	191.25	0.95	1	1	7.048345
Combined Trck+lane_str_serv	BOBJ1	191.25	Before	Interior Girder 1	191.25	0.95	1	1	6.513877
Combined Trck+lane_str_serv	BOBJ1	191.25	Before	Interior Girder 2	191.25	0.95	1	1	6.513878
Combined Trck+lane_str_serv	BOBJ1	191.25	Before	Right Exterior Girder	191.25	0.95	1	1	7.048345
Combined Trck+lane_str_serv	BOBJ1	191.25	After	Left Exterior Girder	191.25	0.95	1	1	7.068457
Combined Trck+lane_str_serv	BOBJ1	191.25	After	Interior Girder 1	191.25	0.95	1	1	6.503336
Combined Trck+lane_str_serv	BOBJ1	191.25	After	Interior Girder 2	191.25	0.95	1	1	6.503336
Combined Trck+lane_str_serv	BOBJ1	191.25	After	Right Exterior Girder	191.25	0.95	1	1	7.068457
Combined Trck+lane_str_serv	BOBJ1	199.9414	Before	Left Exterior Girder	199.9414	0.95	1	1	5.342492
Combined Trck+lane_str_serv	BOBJ1	199.9414	Before	Interior Girder 1	199.9414	0.95	1	1	4.825144
Combined Trck+lane_str_serv	BOBJ1	199.9414	Before	Interior Girder 2	199.9414	0.95	1	1	4.825144
Combined Trck+lane_str_serv	BOBJ1	199.9414	Before	Right Exterior Girder	199.9414	0.95	1	1	5.342492
Combined Trck+lane_str_serv	BOBJ1	199.9414	After	Left Exterior Girder	199.9414	0.95	1	1	8.730441
Combined Trck+lane_str_serv	BOBJ1	199.9414	After	Interior Girder 1	199.9414	0.95	1	1	7.880258
Combined Trck+lane_str_serv	BOBJ1	199.9414	After	Interior Girder 2	199.9414	0.95	1	1	7.880258
Combined Trck+lane_str_serv	BOBJ1	199.9414	After	Right Exterior Girder	199.9414	0.95	1	1	8.730441
Combined Trck+lane_str_serv	BOBJ1	202.5	Before	Left Exterior Girder	202.5	0.95	1	1	8.038776
Combined Trck+lane_str_serv	BOBJ1	202.5	Before	Interior Girder 1	202.5	0.95	1	1	7.325631
Combined Trck+lane_str_serv	BOBJ1	202.5	Before	Interior Girder 2	202.5	0.95	1	1	7.325632
Combined Trck+lane_str_serv	BOBJ1	202.5	Before	Right Exterior Girder	202.5	0.95	1	1	8.038776
Combined Trck+lane_str_serv	BOBJ1	202.5	After	Left Exterior Girder	202.5	0.95	1	1	8.205263
Combined Trck+lane_str_serv	BOBJ1	202.5	After	Interior Girder 1	202.5	0.95	1	1	7.327737
Combined Trck+lane_str_serv	BOBJ1	202.5	After	Interior Girder 2	202.5	0.95	1	1	7.327737
Combined Trck+lane_str_serv	BOBJ1	202.5	After	Right Exterior Girder	202.5	0.95	1	1	8.205263
Combined Trck+lane_str_serv	BOBJ1	210.5642	Before	Left Exterior Girder	210.5642	0.95	1	1	6.06927
Combined Trck+lane_str_serv	BOBJ1	210.5642	Before	Interior Girder 1	210.5642	0.95	1	1	5.602004

TABLE: Bridge Super Rating AASHTORATE18 26 - SteelNonCompServ-Flx - Main Span Girders									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Combined Trck+lane_str_serv	BOBJ1	210.5642	Before	Interior Girder 2	210.5642	0.95	1	1	5.602004
Combined Trck+lane_str_serv	BOBJ1	210.5642	Before	Right Exterior Girder	210.5642	0.95	1	1	6.06927
Combined Trck+lane_str_serv	BOBJ1	210.5642	After	Left Exterior Girder	210.5642	0.95	1	1	8.952978
Combined Trck+lane_str_serv	BOBJ1	210.5642	After	Interior Girder 1	210.5642	0.95	1	1	8.284314
Combined Trck+lane_str_serv	BOBJ1	210.5642	After	Interior Girder 2	210.5642	0.95	1	1	8.284314
Combined Trck+lane_str_serv	BOBJ1	210.5642	After	Right Exterior Girder	210.5642	0.95	1	1	8.952978
Combined Trck+lane_str_serv	BOBJ1	213.75	Before	Left Exterior Girder	213.75	0.95	1	1	8.050951
Combined Trck+lane_str_serv	BOBJ1	213.75	Before	Interior Girder 1	213.75	0.95	1	1	7.421206
Combined Trck+lane_str_serv	BOBJ1	213.75	Before	Interior Girder 2	213.75	0.95	1	1	7.421205
Combined Trck+lane_str_serv	BOBJ1	213.75	Before	Right Exterior Girder	213.75	0.95	1	1	8.050951
Combined Trck+lane_str_serv	BOBJ1	213.75	After	Left Exterior Girder	213.75	0.95	1	1	8.047321
Combined Trck+lane_str_serv	BOBJ1	213.75	After	Interior Girder 1	213.75	0.95	1	1	7.416017
Combined Trck+lane_str_serv	BOBJ1	213.75	After	Interior Girder 2	213.75	0.95	1	1	7.416016
Combined Trck+lane_str_serv	BOBJ1	213.75	After	Right Exterior Girder	213.75	0.95	1	1	8.047321
Combined Trck+lane_str_serv	BOBJ1	225	Before	Left Exterior Girder	225	0.95	1	1	5.220297
Combined Trck+lane_str_serv	BOBJ1	225	Before	Interior Girder 1	225	0.95	1	1	4.636924
Combined Trck+lane_str_serv	BOBJ1	225	Before	Interior Girder 2	225	0.95	1	1	4.636923
Combined Trck+lane_str_serv	BOBJ1	225	Before	Right Exterior Girder	225	0.95	1	1	5.220297
Combined Trck+lane_str_serv	BOBJ1	225	After	Left Exterior Girder	0	0.95	1	1	4.898567
Combined Trck+lane_str_serv	BOBJ1	225	After	Interior Girder 1	0	0.95	1	1	4.551796
Combined Trck+lane_str_serv	BOBJ1	225	After	Interior Girder 2	0	0.95	1	1	4.551796
Combined Trck+lane_str_serv	BOBJ1	225	After	Right Exterior Girder	0	0.95	1	1	4.898567
Combined Trck+lane_str_serv	BOBJ1	236.45	Before	Left Exterior Girder	11.45	0.95	1	1	8.038355
Combined Trck+lane_str_serv	BOBJ1	236.45	Before	Interior Girder 1	11.45	0.95	1	1	7.897881
Combined Trck+lane_str_serv	BOBJ1	236.45	Before	Interior Girder 2	11.45	0.95	1	1	7.897881
Combined Trck+lane_str_serv	BOBJ1	236.45	Before	Right Exterior Girder	11.45	0.95	1	1	8.038355
Combined Trck+lane_str_serv	BOBJ1	236.45	After	Left Exterior Girder	11.45	0.95	1	1	8.053951
Combined Trck+lane_str_serv	BOBJ1	236.45	After	Interior Girder 1	11.45	0.95	1	1	7.898209
Combined Trck+lane_str_serv	BOBJ1	236.45	After	Interior Girder 2	11.45	0.95	1	1	7.898209
Combined Trck+lane_str_serv	BOBJ1	236.45	After	Right Exterior Girder	11.45	0.95	1	1	8.053951
Combined Trck+lane_str_serv	BOBJ1	239.5082	Before	Left Exterior Girder	14.5082	0.95	1	1	9.111392
Combined Trck+lane_str_serv	BOBJ1	239.5082	Before	Interior Girder 1	14.5082	0.95	1	1	8.981034
Combined Trck+lane_str_serv	BOBJ1	239.5082	Before	Interior Girder 2	14.5082	0.95	1	1	8.981034
Combined Trck+lane_str_serv	BOBJ1	239.5082	Before	Right Exterior Girder	14.5082	0.95	1	1	9.111392
Combined Trck+lane_str_serv	BOBJ1	239.5082	After	Left Exterior Girder	14.5082	0.95	1	1	6.231436
Combined Trck+lane_str_serv	BOBJ1	239.5082	After	Interior Girder 1	14.5082	0.95	1	1	6.148591
Combined Trck+lane_str_serv	BOBJ1	239.5082	After	Interior Girder 2	14.5082	0.95	1	1	6.148591
Combined Trck+lane_str_serv	BOBJ1	239.5082	After	Right Exterior Girder	14.5082	0.95	1	1	6.231436
Combined Trck+lane_str_serv	BOBJ1	247.9	Before	Left Exterior Girder	22.9	0.95	1	1	9.09868
Combined Trck+lane_str_serv	BOBJ1	247.9	Before	Interior Girder 1	22.9	0.95	1	1	8.951467
Combined Trck+lane_str_serv	BOBJ1	247.9	Before	Interior Girder 2	22.9	0.95	1	1	8.951467
Combined Trck+lane_str_serv	BOBJ1	247.9	Before	Right Exterior Girder	22.9	0.95	1	1	9.09868
Combined Trck+lane_str_serv	BOBJ1	247.9	After	Left Exterior Girder	22.9	0.95	1	1	8.907288
Combined Trck+lane_str_serv	BOBJ1	247.9	After	Interior Girder 1	22.9	0.95	1	1	8.955112
Combined Trck+lane_str_serv	BOBJ1	247.9	After	Interior Girder 2	22.9	0.95	1	1	8.955112
Combined Trck+lane_str_serv	BOBJ1	247.9	After	Right Exterior Girder	22.9	0.95	1	1	8.907288
Combined Trck+lane_str_serv	BOBJ1	258.5189	Before	Left Exterior Girder	33.5189	0.95	1	1	12.910742
Combined Trck+lane_str_serv	BOBJ1	258.5189	Before	Interior Girder 1	33.5189	0.95	1	1	12.32092
Combined Trck+lane_str_serv	BOBJ1	258.5189	Before	Interior Girder 2	33.5189	0.95	1	1	12.32092
Combined Trck+lane_str_serv	BOBJ1	258.5189	Before	Right Exterior Girder	33.5189	0.95	1	1	12.910742
Combined Trck+lane_str_serv	BOBJ1	258.5189	After	Left Exterior Girder	33.5189	0.95	1	1	8.93654
Combined Trck+lane_str_serv	BOBJ1	258.5189	After	Interior Girder 1	33.5189	0.95	1	1	8.456381
Combined Trck+lane_str_serv	BOBJ1	258.5189	After	Interior Girder 2	33.5189	0.95	1	1	8.456381
Combined Trck+lane_str_serv	BOBJ1	258.5189	After	Right Exterior Girder	33.5189	0.95	1	1	8.93654
Combined Trck+lane_str_serv	BOBJ1	259.3	Before	Left Exterior Girder	34.3	0.95	1	1	9.191615
Combined Trck+lane_str_serv	BOBJ1	259.3	Before	Interior Girder 1	34.3	0.95	1	1	8.682015
Combined Trck+lane_str_serv	BOBJ1	259.3	Before	Interior Girder 2	34.3	0.95	1	1	8.682015
Combined Trck+lane_str_serv	BOBJ1	259.3	Before	Right Exterior Girder	34.3	0.95	1	1	9.191615
Combined Trck+lane_str_serv	BOBJ1	259.3	After	Left Exterior Girder	34.3	0.95	1	1	9.188744
Combined Trck+lane_str_serv	BOBJ1	259.3	After	Interior Girder 1	34.3	0.95	1	1	8.686249
Combined Trck+lane_str_serv	BOBJ1	259.3	After	Interior Girder 2	34.3	0.95	1	1	8.686249
Combined Trck+lane_str_serv	BOBJ1	259.3	After	Right Exterior Girder	34.3	0.95	1	1	9.188744
Combined Trck+lane_str_serv	BOBJ1	266.1031	Before	Left Exterior Girder	41.1031	0.95	1	1	11.34735
Combined Trck+lane_str_serv	BOBJ1	266.1031	Before	Interior Girder 1	41.1031	0.95	1	1	10.761345
Combined Trck+lane_str_serv	BOBJ1	266.1031	Before	Interior Girder 2	41.1031	0.95	1	1	10.761345
Combined Trck+lane_str_serv	BOBJ1	266.1031	Before	Right Exterior Girder	41.1031	0.95	1	1	11.34735
Combined Trck+lane_str_serv	BOBJ1	266.1031	After	Left Exterior Girder	41.1031	0.95	1	1	6.144043
Combined Trck+lane_str_serv	BOBJ1	266.1031	After	Interior Girder 1	41.1031	0.95	1	1	5.770623
Combined Trck+lane_str_serv	BOBJ1	266.1031	After	Interior Girder 2	41.1031	0.95	1	1	5.770623
Combined Trck+lane_str_serv	BOBJ1	266.1031	After	Right Exterior Girder	41.1031	0.95	1	1	6.144043

TABLE: Bridge Super Rating AASHTORATE18 26 - SteelINonCompServ-Flx - Main Span Girders									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Combined Trck+lane_str_serv	BOBJ1	270.7	Before	Left Exterior Girder	45.7	0.95	1	1	7.376202
Combined Trck+lane_str_serv	BOBJ1	270.7	Before	Interior Girder 1	45.7	0.95	1	1	6.979189
Combined Trck+lane_str_serv	BOBJ1	270.7	Before	Interior Girder 2	45.7	0.95	1	1	6.979189
Combined Trck+lane_str_serv	BOBJ1	270.7	Before	Right Exterior Girder	45.7	0.95	1	1	7.376202
Combined Trck+lane_str_serv	BOBJ1	270.7	After	Left Exterior Girder	45.7	0.95	1	1	7.360722
Combined Trck+lane_str_serv	BOBJ1	270.7	After	Interior Girder 1	45.7	0.95	1	1	7.031923
Combined Trck+lane_str_serv	BOBJ1	270.7	After	Interior Girder 2	45.7	0.95	1	1	7.031923
Combined Trck+lane_str_serv	BOBJ1	270.7	After	Right Exterior Girder	45.7	0.95	1	1	7.360722
Combined Trck+lane_str_serv	BOBJ1	273.6874	Before	Left Exterior Girder	48.6874	0.95	1	1	8.184005
Combined Trck+lane_str_serv	BOBJ1	273.6874	Before	Interior Girder 1	48.6874	0.95	1	1	7.843822
Combined Trck+lane_str_serv	BOBJ1	273.6874	Before	Interior Girder 2	48.6874	0.95	1	1	7.843822
Combined Trck+lane_str_serv	BOBJ1	273.6874	Before	Right Exterior Girder	48.6874	0.95	1	1	8.184005
Combined Trck+lane_str_serv	BOBJ1	273.6874	After	Left Exterior Girder	48.6874	0.95	1	1	3.50568
Combined Trck+lane_str_serv	BOBJ1	273.6874	After	Interior Girder 1	48.6874	0.95	1	1	3.398953
Combined Trck+lane_str_serv	BOBJ1	273.6874	After	Interior Girder 2	48.6874	0.95	1	1	3.398953
Combined Trck+lane_str_serv	BOBJ1	273.6874	After	Right Exterior Girder	48.6874	0.95	1	1	3.50568
Combined Trck+lane_str_serv	BOBJ1	282.15	Before	Left Exterior Girder	57.15	0.95	1	1	5.544301
Combined Trck+lane_str_serv	BOBJ1	282.15	Before	Interior Girder 1	57.15	0.95	1	1	5.410011
Combined Trck+lane_str_serv	BOBJ1	282.15	Before	Interior Girder 2	57.15	0.95	1	1	5.410011
Combined Trck+lane_str_serv	BOBJ1	282.15	Before	Right Exterior Girder	57.15	0.95	1	1	5.544301
Combined Trck+lane_str_serv	BOBJ1	282.15	After	Left Exterior Girder	57.15	0.95	1	1	5.535017
Combined Trck+lane_str_serv	BOBJ1	282.15	After	Interior Girder 1	57.15	0.95	1	1	5.420055
Combined Trck+lane_str_serv	BOBJ1	282.15	After	Interior Girder 2	57.15	0.95	1	1	5.420055
Combined Trck+lane_str_serv	BOBJ1	282.15	After	Right Exterior Girder	57.15	0.95	1	1	5.535017
Combined Trck+lane_str_serv	BOBJ1	293.6	Before	Left Exterior Girder	68.6	0.95	1	1	5.1203
Combined Trck+lane_str_serv	BOBJ1	293.6	Before	Interior Girder 1	68.6	0.95	1	1	4.269381
Combined Trck+lane_str_serv	BOBJ1	293.6	Before	Interior Girder 2	68.6	0.95	1	1	4.269381
Combined Trck+lane_str_serv	BOBJ1	293.6	Before	Right Exterior Girder	68.6	0.95	1	1	5.1203
Combined Trck+lane_str_serv	BOBJ1	293.6	After	Left Exterior Girder	68.6	0.95	1	1	5.160775
Combined Trck+lane_str_serv	BOBJ1	293.6	After	Interior Girder 1	68.6	0.95	1	1	4.370934
Combined Trck+lane_str_serv	BOBJ1	293.6	After	Interior Girder 2	68.6	0.95	1	1	4.370935
Combined Trck+lane_str_serv	BOBJ1	293.6	After	Right Exterior Girder	68.6	0.95	1	1	5.160775
Combined Trck+lane_str_serv	BOBJ1	305	Before	Left Exterior Girder	80	0.95	1	1	2.759831
Combined Trck+lane_str_serv	BOBJ1	305	Before	Interior Girder 1	80	0.95	1	1	2.334921
Combined Trck+lane_str_serv	BOBJ1	305	Before	Interior Girder 2	80	0.95	1	1	2.334921
Combined Trck+lane_str_serv	BOBJ1	305	Before	Right Exterior Girder	80	0.95	1	1	2.759831
Combined Trck+lane_str_serv	BOBJ1	305	After	Left Exterior Girder	80	0.95	1	1	2.760822
Combined Trck+lane_str_serv	BOBJ1	305	After	Interior Girder 1	80	0.95	1	1	2.33453
Combined Trck+lane_str_serv	BOBJ1	305	After	Interior Girder 2	80	0.95	1	1	2.33453
Combined Trck+lane_str_serv	BOBJ1	305	After	Right Exterior Girder	80	0.95	1	1	2.760822
Combined Trck+lane_str_serv	BOBJ1	306.9561	Before	Left Exterior Girder	81.9561	0.95	1	1	2.432323
Combined Trck+lane_str_serv	BOBJ1	306.9561	Before	Interior Girder 1	81.9561	0.95	1	1	2.081152
Combined Trck+lane_str_serv	BOBJ1	306.9561	Before	Interior Girder 2	81.9561	0.95	1	1	2.081152
Combined Trck+lane_str_serv	BOBJ1	306.9561	Before	Right Exterior Girder	81.9561	0.95	1	1	2.432323
Combined Trck+lane_str_serv	BOBJ1	306.9561	After	Left Exterior Girder	81.9561	0.95	1	1	6.365919
Combined Trck+lane_str_serv	BOBJ1	306.9561	After	Interior Girder 1	81.9561	0.95	1	1	5.506921
Combined Trck+lane_str_serv	BOBJ1	306.9561	After	Interior Girder 2	81.9561	0.95	1	1	5.506921
Combined Trck+lane_str_serv	BOBJ1	306.9561	After	Right Exterior Girder	81.9561	0.95	1	1	6.365919
Combined Trck+lane_str_serv	BOBJ1	316.4	Before	Left Exterior Girder	91.4	0.95	1	1	4.560701
Combined Trck+lane_str_serv	BOBJ1	316.4	Before	Interior Girder 1	91.4	0.95	1	1	4.10452
Combined Trck+lane_str_serv	BOBJ1	316.4	Before	Interior Girder 2	91.4	0.95	1	1	4.10452
Combined Trck+lane_str_serv	BOBJ1	316.4	Before	Right Exterior Girder	91.4	0.95	1	1	4.560701
Combined Trck+lane_str_serv	BOBJ1	316.4	After	Left Exterior Girder	91.4	0.95	1	1	4.639643
Combined Trck+lane_str_serv	BOBJ1	316.4	After	Interior Girder 1	91.4	0.95	1	1	4.110049
Combined Trck+lane_str_serv	BOBJ1	316.4	After	Interior Girder 2	91.4	0.95	1	1	4.110049
Combined Trck+lane_str_serv	BOBJ1	316.4	After	Right Exterior Girder	91.4	0.95	1	1	4.639643
Combined Trck+lane_str_serv	BOBJ1	327.85	Before	Left Exterior Girder	102.9679	0.95	1	1	3.253181
Combined Trck+lane_str_serv	BOBJ1	327.85	Before	Interior Girder 1	102.9679	0.95	1	1	2.920138
Combined Trck+lane_str_serv	BOBJ1	327.85	Before	Interior Girder 2	102.9679	0.95	1	1	2.920139
Combined Trck+lane_str_serv	BOBJ1	327.85	Before	Right Exterior Girder	102.9679	0.95	1	1	3.253181
Combined Trck+lane_str_serv	BOBJ1	327.85	After	Left Exterior Girder	102.9679	0.95	1	1	6.273648
Combined Trck+lane_str_serv	BOBJ1	327.85	After	Interior Girder 1	102.9679	0.95	1	1	5.727588
Combined Trck+lane_str_serv	BOBJ1	327.85	After	Interior Girder 2	102.9679	0.95	1	1	5.727589
Combined Trck+lane_str_serv	BOBJ1	327.85	After	Right Exterior Girder	102.9679	0.95	1	1	6.273648
Combined Trck+lane_str_serv	BOBJ1	339.3	Before	Left Exterior Girder	114.3	0.95	1	1	5.04502
Combined Trck+lane_str_serv	BOBJ1	339.3	Before	Interior Girder 1	114.3	0.95	1	1	4.718048
Combined Trck+lane_str_serv	BOBJ1	339.3	Before	Interior Girder 2	114.3	0.95	1	1	4.718048
Combined Trck+lane_str_serv	BOBJ1	339.3	Before	Right Exterior Girder	114.3	0.95	1	1	5.04502
Combined Trck+lane_str_serv	BOBJ1	339.3	After	Left Exterior Girder	114.3	0.95	1	1	5.087788
Combined Trck+lane_str_serv	BOBJ1	339.3	After	Interior Girder 1	114.3	0.95	1	1	4.725383

TABLE: Bridge Super Rating AASHTORATE18 26 - SteelINonCompServ-Flx - Main Span Girders									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Combined Trck+lane_str_serv	BOBJ1	339.3	After	Interior Girder 2	114.3	0.95	1	1	4.725383
Combined Trck+lane_str_serv	BOBJ1	339.3	After	Right Exterior Girder	114.3	0.95	1	1	5.087788
Combined Trck+lane_str_serv	BOBJ1	350.7	Before	Left Exterior Girder	125.7	0.95	1	1	4.321166
Combined Trck+lane_str_serv	BOBJ1	350.7	Before	Interior Girder 1	125.7	0.95	1	1	4.016758
Combined Trck+lane_str_serv	BOBJ1	350.7	Before	Interior Girder 2	125.7	0.95	1	1	4.016758
Combined Trck+lane_str_serv	BOBJ1	350.7	Before	Right Exterior Girder	125.7	0.95	1	1	4.321166
Combined Trck+lane_str_serv	BOBJ1	350.7	After	Left Exterior Girder	125.7	0.95	1	1	4.320949
Combined Trck+lane_str_serv	BOBJ1	350.7	After	Interior Girder 1	125.7	0.95	1	1	4.017141
Combined Trck+lane_str_serv	BOBJ1	350.7	After	Interior Girder 2	125.7	0.95	1	1	4.017141
Combined Trck+lane_str_serv	BOBJ1	350.7	After	Right Exterior Girder	125.7	0.95	1	1	4.320949
Combined Trck+lane_str_serv	BOBJ1	362.1	Before	Left Exterior Girder	137.1	0.95	1	1	3.806204
Combined Trck+lane_str_serv	BOBJ1	362.1	Before	Interior Girder 1	137.1	0.95	1	1	3.588914
Combined Trck+lane_str_serv	BOBJ1	362.1	Before	Interior Girder 2	137.1	0.95	1	1	3.588914
Combined Trck+lane_str_serv	BOBJ1	362.1	Before	Right Exterior Girder	137.1	0.95	1	1	3.806204
Combined Trck+lane_str_serv	BOBJ1	362.1	After	Left Exterior Girder	137.1	0.95	1	1	3.826631
Combined Trck+lane_str_serv	BOBJ1	362.1	After	Interior Girder 1	137.1	0.95	1	1	3.59521
Combined Trck+lane_str_serv	BOBJ1	362.1	After	Interior Girder 2	137.1	0.95	1	1	3.59521
Combined Trck+lane_str_serv	BOBJ1	362.1	After	Right Exterior Girder	137.1	0.95	1	1	3.826631
Combined Trck+lane_str_serv	BOBJ1	373.55	Before	Left Exterior Girder	148.55	0.95	1	1	3.564742
Combined Trck+lane_str_serv	BOBJ1	373.55	Before	Interior Girder 1	148.55	0.95	1	1	3.335596
Combined Trck+lane_str_serv	BOBJ1	373.55	Before	Interior Girder 2	148.55	0.95	1	1	3.335596
Combined Trck+lane_str_serv	BOBJ1	373.55	Before	Right Exterior Girder	148.55	0.95	1	1	3.564742
Combined Trck+lane_str_serv	BOBJ1	373.55	After	Left Exterior Girder	148.55	0.95	1	1	3.564504
Combined Trck+lane_str_serv	BOBJ1	373.55	After	Interior Girder 1	148.55	0.95	1	1	3.335849
Combined Trck+lane_str_serv	BOBJ1	373.55	After	Interior Girder 2	148.55	0.95	1	1	3.335849
Combined Trck+lane_str_serv	BOBJ1	373.55	After	Right Exterior Girder	148.55	0.95	1	1	3.564504
Combined Trck+lane_str_serv	BOBJ1	385	Before	Left Exterior Girder	160	0.95	1	1	3.463566
Combined Trck+lane_str_serv	BOBJ1	385	Before	Interior Girder 1	160	0.95	1	1	3.270476
Combined Trck+lane_str_serv	BOBJ1	385	Before	Interior Girder 2	160	0.95	1	1	3.270476
Combined Trck+lane_str_serv	BOBJ1	385	Before	Right Exterior Girder	160	0.95	1	1	3.463566
Combined Trck+lane_str_serv	BOBJ1	385	After	Left Exterior Girder	160	0.95	1	1	3.463566
Combined Trck+lane_str_serv	BOBJ1	385	After	Interior Girder 1	160	0.95	1	1	3.270475
Combined Trck+lane_str_serv	BOBJ1	385	After	Interior Girder 2	160	0.95	1	1	3.270475
Combined Trck+lane_str_serv	BOBJ1	385	After	Right Exterior Girder	160	0.95	1	1	3.463566
Combined Trck+lane_str_serv	BOBJ1	396.45	Before	Left Exterior Girder	171.45	0.95	1	1	3.564504
Combined Trck+lane_str_serv	BOBJ1	396.45	Before	Interior Girder 1	171.45	0.95	1	1	3.335847
Combined Trck+lane_str_serv	BOBJ1	396.45	Before	Interior Girder 2	171.45	0.95	1	1	3.335847
Combined Trck+lane_str_serv	BOBJ1	396.45	Before	Right Exterior Girder	171.45	0.95	1	1	3.564504
Combined Trck+lane_str_serv	BOBJ1	396.45	After	Left Exterior Girder	171.45	0.95	1	1	3.564742
Combined Trck+lane_str_serv	BOBJ1	396.45	After	Interior Girder 1	171.45	0.95	1	1	3.335593
Combined Trck+lane_str_serv	BOBJ1	396.45	After	Interior Girder 2	171.45	0.95	1	1	3.335593
Combined Trck+lane_str_serv	BOBJ1	396.45	After	Right Exterior Girder	171.45	0.95	1	1	3.564742
Combined Trck+lane_str_serv	BOBJ1	407.9	Before	Left Exterior Girder	182.9	0.95	1	1	3.826635
Combined Trck+lane_str_serv	BOBJ1	407.9	Before	Interior Girder 1	182.9	0.95	1	1	3.595209
Combined Trck+lane_str_serv	BOBJ1	407.9	Before	Interior Girder 2	182.9	0.95	1	1	3.595209
Combined Trck+lane_str_serv	BOBJ1	407.9	Before	Right Exterior Girder	182.9	0.95	1	1	3.826635
Combined Trck+lane_str_serv	BOBJ1	407.9	After	Left Exterior Girder	182.9	0.95	1	1	3.806207
Combined Trck+lane_str_serv	BOBJ1	407.9	After	Interior Girder 1	182.9	0.95	1	1	3.588912
Combined Trck+lane_str_serv	BOBJ1	407.9	After	Interior Girder 2	182.9	0.95	1	1	3.588912
Combined Trck+lane_str_serv	BOBJ1	407.9	After	Right Exterior Girder	182.9	0.95	1	1	3.806207
Combined Trck+lane_str_serv	BOBJ1	419.3	Before	Left Exterior Girder	194.3	0.95	1	1	4.320953
Combined Trck+lane_str_serv	BOBJ1	419.3	Before	Interior Girder 1	194.3	0.95	1	1	4.017139
Combined Trck+lane_str_serv	BOBJ1	419.3	Before	Interior Girder 2	194.3	0.95	1	1	4.017139
Combined Trck+lane_str_serv	BOBJ1	419.3	Before	Right Exterior Girder	194.3	0.95	1	1	4.320953
Combined Trck+lane_str_serv	BOBJ1	419.3	After	Left Exterior Girder	194.3	0.95	1	1	4.32117
Combined Trck+lane_str_serv	BOBJ1	419.3	After	Interior Girder 1	194.3	0.95	1	1	4.01675
Combined Trck+lane_str_serv	BOBJ1	419.3	After	Interior Girder 2	194.3	0.95	1	1	4.01675
Combined Trck+lane_str_serv	BOBJ1	419.3	After	Right Exterior Girder	194.3	0.95	1	1	4.32117
Combined Trck+lane_str_serv	BOBJ1	430.7	Before	Left Exterior Girder	205.7	0.95	1	1	5.087793
Combined Trck+lane_str_serv	BOBJ1	430.7	Before	Interior Girder 1	205.7	0.95	1	1	4.725379
Combined Trck+lane_str_serv	BOBJ1	430.7	Before	Interior Girder 2	205.7	0.95	1	1	4.725379
Combined Trck+lane_str_serv	BOBJ1	430.7	Before	Right Exterior Girder	205.7	0.95	1	1	5.087793
Combined Trck+lane_str_serv	BOBJ1	430.7	After	Left Exterior Girder	205.7	0.95	1	1	5.045026
Combined Trck+lane_str_serv	BOBJ1	430.7	After	Interior Girder 1	205.7	0.95	1	1	4.718044
Combined Trck+lane_str_serv	BOBJ1	430.7	After	Interior Girder 2	205.7	0.95	1	1	4.718044
Combined Trck+lane_str_serv	BOBJ1	430.7	After	Right Exterior Girder	205.7	0.95	1	1	5.045026
Combined Trck+lane_str_serv	BOBJ1	442.15	Before	Left Exterior Girder	217.0321	0.95	1	1	6.261654
Combined Trck+lane_str_serv	BOBJ1	442.15	Before	Interior Girder 1	217.0321	0.95	1	1	5.726145
Combined Trck+lane_str_serv	BOBJ1	442.15	Before	Interior Girder 2	217.0321	0.95	1	1	5.726145
Combined Trck+lane_str_serv	BOBJ1	442.15	Before	Right Exterior Girder	217.0321	0.95	1	1	6.261654

TABLE: Bridge Super Rating AASHTORATE18 26 - SteelNonCompServ-Flx - Main Span Girders									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Combined Trck+lane_str_serv	BOBJ1	442.15	After	Left Exterior Girder	217.0321	0.95	1	1	3.247832
Combined Trck+lane_str_serv	BOBJ1	442.15	After	Interior Girder 1	217.0321	0.95	1	1	2.918416
Combined Trck+lane_str_serv	BOBJ1	442.15	After	Interior Girder 2	217.0321	0.95	1	1	2.918416
Combined Trck+lane_str_serv	BOBJ1	442.15	After	Right Exterior Girder	217.0321	0.95	1	1	3.247832
Combined Trck+lane_str_serv	BOBJ1	453.6	Before	Left Exterior Girder	228.6	0.95	1	1	4.639646
Combined Trck+lane_str_serv	BOBJ1	453.6	Before	Interior Girder 1	228.6	0.95	1	1	4.110065
Combined Trck+lane_str_serv	BOBJ1	453.6	Before	Interior Girder 2	228.6	0.95	1	1	4.110065
Combined Trck+lane_str_serv	BOBJ1	453.6	Before	Right Exterior Girder	228.6	0.95	1	1	4.639646
Combined Trck+lane_str_serv	BOBJ1	453.6	After	Left Exterior Girder	228.6	0.95	1	1	4.560707
Combined Trck+lane_str_serv	BOBJ1	453.6	After	Interior Girder 1	228.6	0.95	1	1	4.104512
Combined Trck+lane_str_serv	BOBJ1	453.6	After	Interior Girder 2	228.6	0.95	1	1	4.104513
Combined Trck+lane_str_serv	BOBJ1	453.6	After	Right Exterior Girder	228.6	0.95	1	1	4.560707
Combined Trck+lane_str_serv	BOBJ1	463.0439	Before	Left Exterior Girder	238.0439	0.95	1	1	6.345834
Combined Trck+lane_str_serv	BOBJ1	463.0439	Before	Interior Girder 1	238.0439	0.95	1	1	5.505502
Combined Trck+lane_str_serv	BOBJ1	463.0439	Before	Interior Girder 2	238.0439	0.95	1	1	5.505502
Combined Trck+lane_str_serv	BOBJ1	463.0439	Before	Right Exterior Girder	238.0439	0.95	1	1	6.345834
Combined Trck+lane_str_serv	BOBJ1	463.0439	After	Left Exterior Girder	238.0439	0.95	1	1	2.425253
Combined Trck+lane_str_serv	BOBJ1	463.0439	After	Interior Girder 1	238.0439	0.95	1	1	2.07966
Combined Trck+lane_str_serv	BOBJ1	463.0439	After	Interior Girder 2	238.0439	0.95	1	1	2.07966
Combined Trck+lane_str_serv	BOBJ1	463.0439	After	Right Exterior Girder	238.0439	0.95	1	1	2.425253
Combined Trck+lane_str_serv	BOBJ1	465	Before	Left Exterior Girder	240	0.95	1	1	2.760865
Combined Trck+lane_str_serv	BOBJ1	465	Before	Interior Girder 1	240	0.95	1	1	2.334526
Combined Trck+lane_str_serv	BOBJ1	465	Before	Interior Girder 2	240	0.95	1	1	2.334527
Combined Trck+lane_str_serv	BOBJ1	465	Before	Right Exterior Girder	240	0.95	1	1	2.760865
Combined Trck+lane_str_serv	BOBJ1	465	After	Left Exterior Girder	240	0.95	1	1	2.759875
Combined Trck+lane_str_serv	BOBJ1	465	After	Interior Girder 1	240	0.95	1	1	2.334921
Combined Trck+lane_str_serv	BOBJ1	465	After	Interior Girder 2	240	0.95	1	1	2.334921
Combined Trck+lane_str_serv	BOBJ1	465	After	Right Exterior Girder	240	0.95	1	1	2.759875
Combined Trck+lane_str_serv	BOBJ1	476.4	Before	Left Exterior Girder	251.4	0.95	1	1	5.160777
Combined Trck+lane_str_serv	BOBJ1	476.4	Before	Interior Girder 1	251.4	0.95	1	1	4.370925
Combined Trck+lane_str_serv	BOBJ1	476.4	Before	Interior Girder 2	251.4	0.95	1	1	4.370926
Combined Trck+lane_str_serv	BOBJ1	476.4	Before	Right Exterior Girder	251.4	0.95	1	1	5.160777
Combined Trck+lane_str_serv	BOBJ1	476.4	After	Left Exterior Girder	251.4	0.95	1	1	5.120322
Combined Trck+lane_str_serv	BOBJ1	476.4	After	Interior Girder 1	251.4	0.95	1	1	4.269393
Combined Trck+lane_str_serv	BOBJ1	476.4	After	Interior Girder 2	251.4	0.95	1	1	4.269393
Combined Trck+lane_str_serv	BOBJ1	476.4	After	Right Exterior Girder	251.4	0.95	1	1	5.120322
Combined Trck+lane_str_serv	BOBJ1	487.85	Before	Left Exterior Girder	262.85	0.95	1	1	5.535
Combined Trck+lane_str_serv	BOBJ1	487.85	Before	Interior Girder 1	262.85	0.95	1	1	5.420059
Combined Trck+lane_str_serv	BOBJ1	487.85	Before	Interior Girder 2	262.85	0.95	1	1	5.420059
Combined Trck+lane_str_serv	BOBJ1	487.85	Before	Right Exterior Girder	262.85	0.95	1	1	5.535
Combined Trck+lane_str_serv	BOBJ1	487.85	After	Left Exterior Girder	262.85	0.95	1	1	5.544289
Combined Trck+lane_str_serv	BOBJ1	487.85	After	Interior Girder 1	262.85	0.95	1	1	5.410016
Combined Trck+lane_str_serv	BOBJ1	487.85	After	Interior Girder 2	262.85	0.95	1	1	5.410016
Combined Trck+lane_str_serv	BOBJ1	487.85	After	Right Exterior Girder	262.85	0.95	1	1	5.544289
Combined Trck+lane_str_serv	BOBJ1	496.3126	Before	Left Exterior Girder	271.3126	0.95	1	1	3.502592
Combined Trck+lane_str_serv	BOBJ1	496.3126	Before	Interior Girder 1	271.3126	0.95	1	1	3.401064
Combined Trck+lane_str_serv	BOBJ1	496.3126	Before	Interior Girder 2	271.3126	0.95	1	1	3.401064
Combined Trck+lane_str_serv	BOBJ1	496.3126	Before	Right Exterior Girder	271.3126	0.95	1	1	3.502592
Combined Trck+lane_str_serv	BOBJ1	496.3126	After	Left Exterior Girder	271.3126	0.95	1	1	8.177404
Combined Trck+lane_str_serv	BOBJ1	496.3126	After	Interior Girder 1	271.3126	0.95	1	1	7.848199
Combined Trck+lane_str_serv	BOBJ1	496.3126	After	Interior Girder 2	271.3126	0.95	1	1	7.848199
Combined Trck+lane_str_serv	BOBJ1	496.3126	After	Right Exterior Girder	271.3126	0.95	1	1	8.177404
Combined Trck+lane_str_serv	BOBJ1	499.3	Before	Left Exterior Girder	274.3	0.95	1	1	7.360714
Combined Trck+lane_str_serv	BOBJ1	499.3	Before	Interior Girder 1	274.3	0.95	1	1	7.031929
Combined Trck+lane_str_serv	BOBJ1	499.3	Before	Interior Girder 2	274.3	0.95	1	1	7.031929
Combined Trck+lane_str_serv	BOBJ1	499.3	Before	Right Exterior Girder	274.3	0.95	1	1	7.360714
Combined Trck+lane_str_serv	BOBJ1	499.3	After	Left Exterior Girder	274.3	0.95	1	1	7.376192
Combined Trck+lane_str_serv	BOBJ1	499.3	After	Interior Girder 1	274.3	0.95	1	1	6.979195
Combined Trck+lane_str_serv	BOBJ1	499.3	After	Interior Girder 2	274.3	0.95	1	1	6.979195
Combined Trck+lane_str_serv	BOBJ1	499.3	After	Right Exterior Girder	274.3	0.95	1	1	7.376192
Combined Trck+lane_str_serv	BOBJ1	503.8969	Before	Left Exterior Girder	278.8969	0.95	1	1	6.144042
Combined Trck+lane_str_serv	BOBJ1	503.8969	Before	Interior Girder 1	278.8969	0.95	1	1	5.770626
Combined Trck+lane_str_serv	BOBJ1	503.8969	Before	Interior Girder 2	278.8969	0.95	1	1	5.770626
Combined Trck+lane_str_serv	BOBJ1	503.8969	Before	Right Exterior Girder	278.8969	0.95	1	1	6.144042
Combined Trck+lane_str_serv	BOBJ1	503.8969	After	Left Exterior Girder	278.8969	0.95	1	1	11.347348
Combined Trck+lane_str_serv	BOBJ1	503.8969	After	Interior Girder 1	278.8969	0.95	1	1	10.761353
Combined Trck+lane_str_serv	BOBJ1	503.8969	After	Interior Girder 2	278.8969	0.95	1	1	10.761353
Combined Trck+lane_str_serv	BOBJ1	503.8969	After	Right Exterior Girder	278.8969	0.95	1	1	11.347348
Combined Trck+lane_str_serv	BOBJ1	510.7	Before	Left Exterior Girder	285.7	0.95	1	1	9.188743
Combined Trck+lane_str_serv	BOBJ1	510.7	Before	Interior Girder 1	285.7	0.95	1	1	8.686255

TABLE: Bridge Super Rating AASHTORATE18 26 - SteelNonCompServ-Flx - Main Span Girders									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Combined Trck+lane_str_serv	BOBJ1	510.7	Before	Interior Girder 2	285.7	0.95	1	1	8.686255
Combined Trck+lane_str_serv	BOBJ1	510.7	Before	Right Exterior Girder	285.7	0.95	1	1	9.188743
Combined Trck+lane_str_serv	BOBJ1	510.7	After	Left Exterior Girder	285.7	0.95	1	1	9.191609
Combined Trck+lane_str_serv	BOBJ1	510.7	After	Interior Girder 1	285.7	0.95	1	1	8.68202
Combined Trck+lane_str_serv	BOBJ1	510.7	After	Interior Girder 2	285.7	0.95	1	1	8.68202
Combined Trck+lane_str_serv	BOBJ1	510.7	After	Right Exterior Girder	285.7	0.95	1	1	9.191609
Combined Trck+lane_str_serv	BOBJ1	511.4811	Before	Left Exterior Girder	286.4811	0.95	1	1	8.948776
Combined Trck+lane_str_serv	BOBJ1	511.4811	Before	Interior Girder 1	286.4811	0.95	1	1	8.45874
Combined Trck+lane_str_serv	BOBJ1	511.4811	Before	Interior Girder 2	286.4811	0.95	1	1	8.45874
Combined Trck+lane_str_serv	BOBJ1	511.4811	Before	Right Exterior Girder	286.4811	0.95	1	1	8.948776
Combined Trck+lane_str_serv	BOBJ1	511.4811	After	Left Exterior Girder	286.4811	0.95	1	1	12.929419
Combined Trck+lane_str_serv	BOBJ1	511.4811	After	Interior Girder 1	286.4811	0.95	1	1	12.323868
Combined Trck+lane_str_serv	BOBJ1	511.4811	After	Interior Girder 2	286.4811	0.95	1	1	12.323868
Combined Trck+lane_str_serv	BOBJ1	511.4811	After	Right Exterior Girder	286.4811	0.95	1	1	12.929419
Combined Trck+lane_str_serv	BOBJ1	522.1	Before	Left Exterior Girder	297.1	0.95	1	1	8.907566
Combined Trck+lane_str_serv	BOBJ1	522.1	Before	Interior Girder 1	297.1	0.95	1	1	8.955506
Combined Trck+lane_str_serv	BOBJ1	522.1	Before	Interior Girder 2	297.1	0.95	1	1	8.955506
Combined Trck+lane_str_serv	BOBJ1	522.1	Before	Right Exterior Girder	297.1	0.95	1	1	8.907566
Combined Trck+lane_str_serv	BOBJ1	522.1	After	Left Exterior Girder	297.1	0.95	1	1	9.098897
Combined Trck+lane_str_serv	BOBJ1	522.1	After	Interior Girder 1	297.1	0.95	1	1	8.951712
Combined Trck+lane_str_serv	BOBJ1	522.1	After	Interior Girder 2	297.1	0.95	1	1	8.951712
Combined Trck+lane_str_serv	BOBJ1	522.1	After	Right Exterior Girder	297.1	0.95	1	1	9.098897
Combined Trck+lane_str_serv	BOBJ1	530.4918	Before	Left Exterior Girder	305.4918	0.95	1	1	6.231429
Combined Trck+lane_str_serv	BOBJ1	530.4918	Before	Interior Girder 1	305.4918	0.95	1	1	6.14853
Combined Trck+lane_str_serv	BOBJ1	530.4918	Before	Interior Girder 2	305.4918	0.95	1	1	6.14853
Combined Trck+lane_str_serv	BOBJ1	530.4918	Before	Right Exterior Girder	305.4918	0.95	1	1	6.231429
Combined Trck+lane_str_serv	BOBJ1	530.4918	After	Left Exterior Girder	305.4918	0.95	1	1	9.111357
Combined Trck+lane_str_serv	BOBJ1	530.4918	After	Interior Girder 1	305.4918	0.95	1	1	8.980894
Combined Trck+lane_str_serv	BOBJ1	530.4918	After	Interior Girder 2	305.4918	0.95	1	1	8.980895
Combined Trck+lane_str_serv	BOBJ1	530.4918	After	Right Exterior Girder	305.4918	0.95	1	1	9.111357
Combined Trck+lane_str_serv	BOBJ1	533.55	Before	Left Exterior Girder	308.55	0.95	1	1	8.053953
Combined Trck+lane_str_serv	BOBJ1	533.55	Before	Interior Girder 1	308.55	0.95	1	1	7.898209
Combined Trck+lane_str_serv	BOBJ1	533.55	Before	Interior Girder 2	308.55	0.95	1	1	7.89821
Combined Trck+lane_str_serv	BOBJ1	533.55	Before	Right Exterior Girder	308.55	0.95	1	1	8.053953
Combined Trck+lane_str_serv	BOBJ1	533.55	After	Left Exterior Girder	308.55	0.95	1	1	8.038363
Combined Trck+lane_str_serv	BOBJ1	533.55	After	Interior Girder 1	308.55	0.95	1	1	7.897877
Combined Trck+lane_str_serv	BOBJ1	533.55	After	Interior Girder 2	308.55	0.95	1	1	7.897878
Combined Trck+lane_str_serv	BOBJ1	533.55	After	Right Exterior Girder	308.55	0.95	1	1	8.038362
Combined Trck+lane_str_serv	BOBJ1	545	Before	Left Exterior Girder	320	0.95	1	1	4.898579
Combined Trck+lane_str_serv	BOBJ1	545	Before	Interior Girder 1	320	0.95	1	1	4.551773
Combined Trck+lane_str_serv	BOBJ1	545	Before	Interior Girder 2	320	0.95	1	1	4.551773
Combined Trck+lane_str_serv	BOBJ1	545	Before	Right Exterior Girder	320	0.95	1	1	4.898579
Combined Trck+lane_str_serv	BOBJ1	545	After	Left Exterior Girder	0	0.95	1	1	5.220291
Combined Trck+lane_str_serv	BOBJ1	545	After	Interior Girder 1	0	0.95	1	1	4.636886
Combined Trck+lane_str_serv	BOBJ1	545	After	Interior Girder 2	0	0.95	1	1	4.636886
Combined Trck+lane_str_serv	BOBJ1	545	After	Right Exterior Girder	0	0.95	1	1	5.220291
Combined Trck+lane_str_serv	BOBJ1	556.25	Before	Left Exterior Girder	11.25	0.95	1	1	8.047315
Combined Trck+lane_str_serv	BOBJ1	556.25	Before	Interior Girder 1	11.25	0.95	1	1	7.416819
Combined Trck+lane_str_serv	BOBJ1	556.25	Before	Interior Girder 2	11.25	0.95	1	1	7.416819
Combined Trck+lane_str_serv	BOBJ1	556.25	Before	Right Exterior Girder	11.25	0.95	1	1	8.047314
Combined Trck+lane_str_serv	BOBJ1	556.25	After	Left Exterior Girder	11.25	0.95	1	1	8.050953
Combined Trck+lane_str_serv	BOBJ1	556.25	After	Interior Girder 1	11.25	0.95	1	1	7.422106
Combined Trck+lane_str_serv	BOBJ1	556.25	After	Interior Girder 2	11.25	0.95	1	1	7.422106
Combined Trck+lane_str_serv	BOBJ1	556.25	After	Right Exterior Girder	11.25	0.95	1	1	8.050953
Combined Trck+lane_str_serv	BOBJ1	559.4358	Before	Left Exterior Girder	14.4358	0.95	1	1	8.952983
Combined Trck+lane_str_serv	BOBJ1	559.4358	Before	Interior Girder 1	14.4358	0.95	1	1	8.284326
Combined Trck+lane_str_serv	BOBJ1	559.4358	Before	Interior Girder 2	14.4358	0.95	1	1	8.284326
Combined Trck+lane_str_serv	BOBJ1	559.4358	Before	Right Exterior Girder	14.4358	0.95	1	1	8.952983
Combined Trck+lane_str_serv	BOBJ1	559.4358	After	Left Exterior Girder	14.4358	0.95	1	1	6.069274
Combined Trck+lane_str_serv	BOBJ1	559.4358	After	Interior Girder 1	14.4358	0.95	1	1	5.60201
Combined Trck+lane_str_serv	BOBJ1	559.4358	After	Interior Girder 2	14.4358	0.95	1	1	5.60201
Combined Trck+lane_str_serv	BOBJ1	559.4358	After	Right Exterior Girder	14.4358	0.95	1	1	6.069274
Combined Trck+lane_str_serv	BOBJ1	567.5	Before	Left Exterior Girder	22.5	0.95	1	1	8.205265
Combined Trck+lane_str_serv	BOBJ1	567.5	Before	Interior Girder 1	22.5	0.95	1	1	7.327756
Combined Trck+lane_str_serv	BOBJ1	567.5	Before	Interior Girder 2	22.5	0.95	1	1	7.327756
Combined Trck+lane_str_serv	BOBJ1	567.5	Before	Right Exterior Girder	22.5	0.95	1	1	8.205265
Combined Trck+lane_str_serv	BOBJ1	567.5	After	Left Exterior Girder	22.5	0.95	1	1	8.038779
Combined Trck+lane_str_serv	BOBJ1	567.5	After	Interior Girder 1	22.5	0.95	1	1	7.325648
Combined Trck+lane_str_serv	BOBJ1	567.5	After	Interior Girder 2	22.5	0.95	1	1	7.325648
Combined Trck+lane_str_serv	BOBJ1	567.5	After	Right Exterior Girder	22.5	0.95	1	1	8.038779

TABLE: Bridge Super Rating AASHTORATE18 26 - SteelNonCompServ-Flx - Main Span Girders									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Combined Trck+lane_str_serv	BOBJ1	570.0586	Before	Left Exterior Girder	25.0586	0.95	1	1	8.735757
Combined Trck+lane_str_serv	BOBJ1	570.0586	Before	Interior Girder 1	25.0586	0.95	1	1	7.877188
Combined Trck+lane_str_serv	BOBJ1	570.0586	Before	Interior Girder 2	25.0586	0.95	1	1	7.877188
Combined Trck+lane_str_serv	BOBJ1	570.0586	Before	Right Exterior Girder	25.0586	0.95	1	1	8.735756
Combined Trck+lane_str_serv	BOBJ1	570.0586	After	Left Exterior Girder	25.0586	0.95	1	1	5.346248
Combined Trck+lane_str_serv	BOBJ1	570.0586	After	Interior Girder 1	25.0586	0.95	1	1	4.822341
Combined Trck+lane_str_serv	BOBJ1	570.0586	After	Interior Girder 2	25.0586	0.95	1	1	4.822341
Combined Trck+lane_str_serv	BOBJ1	570.0586	After	Right Exterior Girder	25.0586	0.95	1	1	5.346248
Combined Trck+lane_str_serv	BOBJ1	578.75	Before	Left Exterior Girder	33.75	0.95	1	1	7.06842
Combined Trck+lane_str_serv	BOBJ1	578.75	Before	Interior Girder 1	33.75	0.95	1	1	6.50332
Combined Trck+lane_str_serv	BOBJ1	578.75	Before	Interior Girder 2	33.75	0.95	1	1	6.50332
Combined Trck+lane_str_serv	BOBJ1	578.75	Before	Right Exterior Girder	33.75	0.95	1	1	7.06842
Combined Trck+lane_str_serv	BOBJ1	578.75	After	Left Exterior Girder	33.75	0.95	1	1	7.048339
Combined Trck+lane_str_serv	BOBJ1	578.75	After	Interior Girder 1	33.75	0.95	1	1	6.513837
Combined Trck+lane_str_serv	BOBJ1	578.75	After	Interior Girder 2	33.75	0.95	1	1	6.513837
Combined Trck+lane_str_serv	BOBJ1	578.75	After	Right Exterior Girder	33.75	0.95	1	1	7.048339
Combined Trck+lane_str_serv	BOBJ1	586.8142	Before	Left Exterior Girder	41.8142	0.95	1	1	8.705784
Combined Trck+lane_str_serv	BOBJ1	586.8142	Before	Interior Girder 1	41.8142	0.95	1	1	8.170412
Combined Trck+lane_str_serv	BOBJ1	586.8142	Before	Interior Girder 2	41.8142	0.95	1	1	8.170412
Combined Trck+lane_str_serv	BOBJ1	586.8142	Before	Right Exterior Girder	41.8142	0.95	1	1	8.705784
Combined Trck+lane_str_serv	BOBJ1	586.8142	After	Left Exterior Girder	41.8142	0.95	1	1	4.15869
Combined Trck+lane_str_serv	BOBJ1	586.8142	After	Interior Girder 1	41.8142	0.95	1	1	3.914431
Combined Trck+lane_str_serv	BOBJ1	586.8142	After	Interior Girder 2	41.8142	0.95	1	1	3.914431
Combined Trck+lane_str_serv	BOBJ1	586.8142	After	Right Exterior Girder	41.8142	0.95	1	1	4.15869
Combined Trck+lane_str_serv	BOBJ1	590	Before	Left Exterior Girder	45	0.95	1	1	4.712712
Combined Trck+lane_str_serv	BOBJ1	590	Before	Interior Girder 1	45	0.95	1	1	4.464341
Combined Trck+lane_str_serv	BOBJ1	590	Before	Interior Girder 2	45	0.95	1	1	4.464341
Combined Trck+lane_str_serv	BOBJ1	590	Before	Right Exterior Girder	45	0.95	1	1	4.712712
Combined Trck+lane_str_serv	BOBJ1	590	After	Left Exterior Girder	45	0.95	1	1	4.708196
Combined Trck+lane_str_serv	BOBJ1	590	After	Interior Girder 1	45	0.95	1	1	4.489753
Combined Trck+lane_str_serv	BOBJ1	590	After	Interior Girder 2	45	0.95	1	1	4.489753
Combined Trck+lane_str_serv	BOBJ1	590	After	Right Exterior Girder	45	0.95	1	1	4.708195
Combined Trck+lane_str_serv	BOBJ1	601.25	Before	Left Exterior Girder	56.25	0.95	1	1	6.70419
Combined Trck+lane_str_serv	BOBJ1	601.25	Before	Interior Girder 1	56.25	0.95	1	1	6.475142
Combined Trck+lane_str_serv	BOBJ1	601.25	Before	Interior Girder 2	56.25	0.95	1	1	6.475142
Combined Trck+lane_str_serv	BOBJ1	601.25	Before	Right Exterior Girder	56.25	0.95	1	1	6.70419
Combined Trck+lane_str_serv	BOBJ1	601.25	After	Left Exterior Girder	56.25	0.95	1	1	6.694056
Combined Trck+lane_str_serv	BOBJ1	601.25	After	Interior Girder 1	56.25	0.95	1	1	6.483988
Combined Trck+lane_str_serv	BOBJ1	601.25	After	Interior Girder 2	56.25	0.95	1	1	6.483988
Combined Trck+lane_str_serv	BOBJ1	601.25	After	Right Exterior Girder	56.25	0.95	1	1	6.694055
Combined Trck+lane_str_serv	BOBJ1	601.7478	Before	Left Exterior Girder	56.7478	0.95	1	1	6.782678
Combined Trck+lane_str_serv	BOBJ1	601.7478	Before	Interior Girder 1	56.7478	0.95	1	1	6.573795
Combined Trck+lane_str_serv	BOBJ1	601.7478	Before	Interior Girder 2	56.7478	0.95	1	1	6.573795
Combined Trck+lane_str_serv	BOBJ1	601.7478	Before	Right Exterior Girder	56.7478	0.95	1	1	6.782678
Combined Trck+lane_str_serv	BOBJ1	601.7478	After	Left Exterior Girder	56.7478	0.95	1	1	2.69665
Combined Trck+lane_str_serv	BOBJ1	601.7478	After	Interior Girder 1	56.7478	0.95	1	1	2.634858
Combined Trck+lane_str_serv	BOBJ1	601.7478	After	Interior Girder 2	56.7478	0.95	1	1	2.634858
Combined Trck+lane_str_serv	BOBJ1	601.7478	After	Right Exterior Girder	56.7478	0.95	1	1	2.69665
Combined Trck+lane_str_serv	BOBJ1	612.5	Before	Left Exterior Girder	67.5	0.95	1	1	4.350004
Combined Trck+lane_str_serv	BOBJ1	612.5	Before	Interior Girder 1	67.5	0.95	1	1	4.284739
Combined Trck+lane_str_serv	BOBJ1	612.5	Before	Interior Girder 2	67.5	0.95	1	1	4.284739
Combined Trck+lane_str_serv	BOBJ1	612.5	Before	Right Exterior Girder	67.5	0.95	1	1	4.350004
Combined Trck+lane_str_serv	BOBJ1	612.5	After	Left Exterior Girder	67.5	0.95	1	1	4.308747
Combined Trck+lane_str_serv	BOBJ1	612.5	After	Interior Girder 1	67.5	0.95	1	1	4.26526
Combined Trck+lane_str_serv	BOBJ1	612.5	After	Interior Girder 2	67.5	0.95	1	1	4.26526
Combined Trck+lane_str_serv	BOBJ1	612.5	After	Right Exterior Girder	67.5	0.95	1	1	4.308747
Combined Trck+lane_str_serv	BOBJ1	623.75	Before	Left Exterior Girder	78.75	0.95	1	1	4.95983
Combined Trck+lane_str_serv	BOBJ1	623.75	Before	Interior Girder 1	78.75	0.95	1	1	4.339085
Combined Trck+lane_str_serv	BOBJ1	623.75	Before	Interior Girder 2	78.75	0.95	1	1	4.339084
Combined Trck+lane_str_serv	BOBJ1	623.75	Before	Right Exterior Girder	78.75	0.95	1	1	4.95983
Combined Trck+lane_str_serv	BOBJ1	623.75	After	Left Exterior Girder	78.75	0.95	1	1	4.965378
Combined Trck+lane_str_serv	BOBJ1	623.75	After	Interior Girder 1	78.75	0.95	1	1	4.335065
Combined Trck+lane_str_serv	BOBJ1	623.75	After	Interior Girder 2	78.75	0.95	1	1	4.335065
Combined Trck+lane_str_serv	BOBJ1	623.75	After	Right Exterior Girder	78.75	0.95	1	1	4.965378
Combined Trck+lane_str_serv	BOBJ1	635	Before	Left Exterior Girder	90	0.95	1	1	3.429337
Combined Trck+lane_str_serv	BOBJ1	635	Before	Interior Girder 1	90	0.95	1	1	3.139615
Combined Trck+lane_str_serv	BOBJ1	635	Before	Interior Girder 2	90	0.95	1	1	3.139615
Combined Trck+lane_str_serv	BOBJ1	635	Before	Right Exterior Girder	90	0.95	1	1	3.429337
Combined Trck+lane_str_serv	BOBJ1	635	After	Left Exterior Girder	90	0.95	1	1	3.492814
Combined Trck+lane_str_serv	BOBJ1	635	After	Interior Girder 1	90	0.95	1	1	3.153951

TABLE: Bridge Super Rating AASHTORATE18 26 - SteelNonCompServ-Flx - Main Span Girders									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Combined Trck+lane_str_serv	BOBJ1	635	After	Interior Girder 2	90	0.95	1	1	3.15395
Combined Trck+lane_str_serv	BOBJ1	635	After	Right Exterior Girder	90	0.95	1	1	3.492814
Combined Trck+lane_str_serv	BOBJ1	643.5619	Before	Left Exterior Girder	98.5619	0.95	1	1	2.718146
Combined Trck+lane_str_serv	BOBJ1	643.5619	Before	Interior Girder 1	98.5619	0.95	1	1	2.48565
Combined Trck+lane_str_serv	BOBJ1	643.5619	Before	Interior Girder 2	98.5619	0.95	1	1	2.48565
Combined Trck+lane_str_serv	BOBJ1	643.5619	Before	Right Exterior Girder	98.5619	0.95	1	1	2.718146
Combined Trck+lane_str_serv	BOBJ1	643.5619	After	Left Exterior Girder	98.5619	0.95	1	1	5.146207
Combined Trck+lane_str_serv	BOBJ1	643.5619	After	Interior Girder 1	98.5619	0.95	1	1	4.693741
Combined Trck+lane_str_serv	BOBJ1	643.5619	After	Interior Girder 2	98.5619	0.95	1	1	4.693741
Combined Trck+lane_str_serv	BOBJ1	643.5619	After	Right Exterior Girder	98.5619	0.95	1	1	5.146207
Combined Trck+lane_str_serv	BOBJ1	646.25	Before	Left Exterior Girder	101.25	0.95	1	1	4.888692
Combined Trck+lane_str_serv	BOBJ1	646.25	Before	Interior Girder 1	101.25	0.95	1	1	4.483249
Combined Trck+lane_str_serv	BOBJ1	646.25	Before	Interior Girder 2	101.25	0.95	1	1	4.483249
Combined Trck+lane_str_serv	BOBJ1	646.25	Before	Right Exterior Girder	101.25	0.95	1	1	4.888692
Combined Trck+lane_str_serv	BOBJ1	646.25	After	Left Exterior Girder	101.25	0.95	1	1	4.888861
Combined Trck+lane_str_serv	BOBJ1	646.25	After	Interior Girder 1	101.25	0.95	1	1	4.484269
Combined Trck+lane_str_serv	BOBJ1	646.25	After	Interior Girder 2	101.25	0.95	1	1	4.484268
Combined Trck+lane_str_serv	BOBJ1	646.25	After	Right Exterior Girder	101.25	0.95	1	1	4.888861
Combined Trck+lane_str_serv	BOBJ1	657.5	Before	Left Exterior Girder	112.5	0.95	1	1	4.054292
Combined Trck+lane_str_serv	BOBJ1	657.5	Before	Interior Girder 1	112.5	0.95	1	1	3.817507
Combined Trck+lane_str_serv	BOBJ1	657.5	Before	Interior Girder 2	112.5	0.95	1	1	3.817507
Combined Trck+lane_str_serv	BOBJ1	657.5	Before	Right Exterior Girder	112.5	0.95	1	1	4.054293
Combined Trck+lane_str_serv	BOBJ1	657.5	After	Left Exterior Girder	112.5	0.95	1	1	4.076464
Combined Trck+lane_str_serv	BOBJ1	657.5	After	Interior Girder 1	112.5	0.95	1	1	3.818133
Combined Trck+lane_str_serv	BOBJ1	657.5	After	Interior Girder 2	112.5	0.95	1	1	3.818133
Combined Trck+lane_str_serv	BOBJ1	657.5	After	Right Exterior Girder	112.5	0.95	1	1	4.076464
Combined Trck+lane_str_serv	BOBJ1	668.75	Before	Left Exterior Girder	123.75	0.95	1	1	3.591247
Combined Trck+lane_str_serv	BOBJ1	668.75	Before	Interior Girder 1	123.75	0.95	1	1	3.36899
Combined Trck+lane_str_serv	BOBJ1	668.75	Before	Interior Girder 2	123.75	0.95	1	1	3.36899
Combined Trck+lane_str_serv	BOBJ1	668.75	Before	Right Exterior Girder	123.75	0.95	1	1	3.591247
Combined Trck+lane_str_serv	BOBJ1	668.75	After	Left Exterior Girder	123.75	0.95	1	1	3.594417
Combined Trck+lane_str_serv	BOBJ1	668.75	After	Interior Girder 1	123.75	0.95	1	1	3.368726
Combined Trck+lane_str_serv	BOBJ1	668.75	After	Interior Girder 2	123.75	0.95	1	1	3.368726
Combined Trck+lane_str_serv	BOBJ1	668.75	After	Right Exterior Girder	123.75	0.95	1	1	3.594416
Combined Trck+lane_str_serv	BOBJ1	680	Before	Left Exterior Girder	135	0.95	1	1	3.31461
Combined Trck+lane_str_serv	BOBJ1	680	Before	Interior Girder 1	135	0.95	1	1	3.147795
Combined Trck+lane_str_serv	BOBJ1	680	Before	Interior Girder 2	135	0.95	1	1	3.147795
Combined Trck+lane_str_serv	BOBJ1	680	Before	Right Exterior Girder	135	0.95	1	1	3.31461
Combined Trck+lane_str_serv	BOBJ1	680	After	Left Exterior Girder	135	0.95	1	1	3.310934
Combined Trck+lane_str_serv	BOBJ1	680	After	Interior Girder 1	135	0.95	1	1	3.147843
Combined Trck+lane_str_serv	BOBJ1	680	After	Interior Girder 2	135	0.95	1	1	3.147843
Combined Trck+lane_str_serv	BOBJ1	680	After	Right Exterior Girder	135	0.95	1	1	3.310934
Combined Trck+lane_str_serv	BOBJ1	691.25	Before	Left Exterior Girder	146.25	0.95	1	1	3.275166
Combined Trck+lane_str_serv	BOBJ1	691.25	Before	Interior Girder 1	146.25	0.95	1	1	3.083019
Combined Trck+lane_str_serv	BOBJ1	691.25	Before	Interior Girder 2	146.25	0.95	1	1	3.083019
Combined Trck+lane_str_serv	BOBJ1	691.25	Before	Right Exterior Girder	146.25	0.95	1	1	3.275166
Combined Trck+lane_str_serv	BOBJ1	691.25	After	Left Exterior Girder	146.25	0.95	1	1	3.275119
Combined Trck+lane_str_serv	BOBJ1	691.25	After	Interior Girder 1	146.25	0.95	1	1	3.085067
Combined Trck+lane_str_serv	BOBJ1	691.25	After	Interior Girder 2	146.25	0.95	1	1	3.085068
Combined Trck+lane_str_serv	BOBJ1	691.25	After	Right Exterior Girder	146.25	0.95	1	1	3.275119
Combined Trck+lane_str_serv	BOBJ1	702.5	Before	Left Exterior Girder	157.5	0.95	1	1	3.435912
Combined Trck+lane_str_serv	BOBJ1	702.5	Before	Interior Girder 1	157.5	0.95	1	1	3.245272
Combined Trck+lane_str_serv	BOBJ1	702.5	Before	Interior Girder 2	157.5	0.95	1	1	3.245273
Combined Trck+lane_str_serv	BOBJ1	702.5	Before	Right Exterior Girder	157.5	0.95	1	1	3.435912
Combined Trck+lane_str_serv	BOBJ1	702.5	After	Left Exterior Girder	157.5	0.95	1	1	3.397754
Combined Trck+lane_str_serv	BOBJ1	702.5	After	Interior Girder 1	157.5	0.95	1	1	3.233766
Combined Trck+lane_str_serv	BOBJ1	702.5	After	Interior Girder 2	157.5	0.95	1	1	3.233766
Combined Trck+lane_str_serv	BOBJ1	702.5	After	Right Exterior Girder	157.5	0.95	1	1	3.397754
Combined Trck+lane_str_serv	BOBJ1	713.75	Before	Left Exterior Girder	168.75	0.95	1	1	3.863209
Combined Trck+lane_str_serv	BOBJ1	713.75	Before	Interior Girder 1	168.75	0.95	1	1	3.601959
Combined Trck+lane_str_serv	BOBJ1	713.75	Before	Interior Girder 2	168.75	0.95	1	1	3.601959
Combined Trck+lane_str_serv	BOBJ1	713.75	Before	Right Exterior Girder	168.75	0.95	1	1	3.863208
Combined Trck+lane_str_serv	BOBJ1	713.75	After	Left Exterior Girder	168.75	0.95	1	1	3.861277
Combined Trck+lane_str_serv	BOBJ1	713.75	After	Interior Girder 1	168.75	0.95	1	1	3.604383
Combined Trck+lane_str_serv	BOBJ1	713.75	After	Interior Girder 2	168.75	0.95	1	1	3.604383
Combined Trck+lane_str_serv	BOBJ1	713.75	After	Right Exterior Girder	168.75	0.95	1	1	3.861276
Combined Trck+lane_str_serv	BOBJ1	725	Before	Left Exterior Girder	180	0.95	1	1	4.714248
Combined Trck+lane_str_serv	BOBJ1	725	Before	Interior Girder 1	180	0.95	1	1	4.362475
Combined Trck+lane_str_serv	BOBJ1	725	Before	Interior Girder 2	180	0.95	1	1	4.362476
Combined Trck+lane_str_serv	BOBJ1	725	Before	Right Exterior Girder	180	0.95	1	1	4.714247

TABLE: Bridge Super Rating AASHTORATE18 26 - SteelINonCompServ-Flx - Main Span Girders									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Combined Trck+lane_str_serv	BOBJ1	725	After	Left Exterior Girder	180	0.95	1	1	4.636889
Combined Trck+lane_str_serv	BOBJ1	725	After	Interior Girder 1	180	0.95	1	1	4.335494
Combined Trck+lane_str_serv	BOBJ1	725	After	Interior Girder 2	180	0.95	1	1	4.335494
Combined Trck+lane_str_serv	BOBJ1	725	After	Right Exterior Girder	180	0.95	1	1	4.636889
Combined Trck+lane_str_serv	BOBJ1	731.1726	Before	Left Exterior Girder	186.1726	0.95	1	1	5.419188
Combined Trck+lane_str_serv	BOBJ1	731.1726	Before	Interior Girder 1	186.1726	0.95	1	1	4.949311
Combined Trck+lane_str_serv	BOBJ1	731.1726	Before	Interior Girder 2	186.1726	0.95	1	1	4.949311
Combined Trck+lane_str_serv	BOBJ1	731.1726	Before	Right Exterior Girder	186.1726	0.95	1	1	5.419188
Combined Trck+lane_str_serv	BOBJ1	731.1726	After	Left Exterior Girder	186.1726	0.95	1	1	2.325829
Combined Trck+lane_str_serv	BOBJ1	731.1726	After	Interior Girder 1	186.1726	0.95	1	1	2.125712
Combined Trck+lane_str_serv	BOBJ1	731.1726	After	Interior Girder 2	186.1726	0.95	1	1	2.125712
Combined Trck+lane_str_serv	BOBJ1	731.1726	After	Right Exterior Girder	186.1726	0.95	1	1	2.325829
Combined Trck+lane_str_serv	BOBJ1	736.25	Before	Left Exterior Girder	191.25	0.95	1	1	2.866791
Combined Trck+lane_str_serv	BOBJ1	736.25	Before	Interior Girder 1	191.25	0.95	1	1	2.53183
Combined Trck+lane_str_serv	BOBJ1	736.25	Before	Interior Girder 2	191.25	0.95	1	1	2.53183
Combined Trck+lane_str_serv	BOBJ1	736.25	Before	Right Exterior Girder	191.25	0.95	1	1	2.866791
Combined Trck+lane_str_serv	BOBJ1	736.25	After	Left Exterior Girder	191.25	0.95	1	1	2.857821
Combined Trck+lane_str_serv	BOBJ1	736.25	After	Interior Girder 1	191.25	0.95	1	1	2.53282
Combined Trck+lane_str_serv	BOBJ1	736.25	After	Interior Girder 2	191.25	0.95	1	1	2.53282
Combined Trck+lane_str_serv	BOBJ1	736.25	After	Right Exterior Girder	191.25	0.95	1	1	2.857821
Combined Trck+lane_str_serv	BOBJ1	747.5	Before	Left Exterior Girder	202.5	0.95	1	1	5.019025
Combined Trck+lane_str_serv	BOBJ1	747.5	Before	Interior Girder 1	202.5	0.95	1	1	4.183192
Combined Trck+lane_str_serv	BOBJ1	747.5	Before	Interior Girder 2	202.5	0.95	1	1	4.183193
Combined Trck+lane_str_serv	BOBJ1	747.5	Before	Right Exterior Girder	202.5	0.95	1	1	5.019025
Combined Trck+lane_str_serv	BOBJ1	747.5	After	Left Exterior Girder	202.5	0.95	1	1	4.812008
Combined Trck+lane_str_serv	BOBJ1	747.5	After	Interior Girder 1	202.5	0.95	1	1	4.158537
Combined Trck+lane_str_serv	BOBJ1	747.5	After	Interior Girder 2	202.5	0.95	1	1	4.158537
Combined Trck+lane_str_serv	BOBJ1	747.5	After	Right Exterior Girder	202.5	0.95	1	1	4.812007
Combined Trck+lane_str_serv	BOBJ1	758.75	Before	Left Exterior Girder	213.75	0.95	1	1	11.505735
Combined Trck+lane_str_serv	BOBJ1	758.75	Before	Interior Girder 1	213.75	0.95	1	1	8.841739
Combined Trck+lane_str_serv	BOBJ1	758.75	Before	Interior Girder 2	213.75	0.95	1	1	8.841739
Combined Trck+lane_str_serv	BOBJ1	758.75	Before	Right Exterior Girder	213.75	0.95	1	1	11.505731
Combined Trck+lane_str_serv	BOBJ1	758.75	After	Left Exterior Girder	213.75	0.95	1	1	11.479953
Combined Trck+lane_str_serv	BOBJ1	758.75	After	Interior Girder 1	213.75	0.95	1	1	8.73627
Combined Trck+lane_str_serv	BOBJ1	758.75	After	Interior Girder 2	213.75	0.95	1	1	8.73627
Combined Trck+lane_str_serv	BOBJ1	758.75	After	Right Exterior Girder	213.75	0.95	1	1	11.47995
Combined Trck+lane_str_serv	BOBJ1	770	Before	Left Exterior Girder	225	0.95	1	1	216.647609
Combined Trck+lane_str_serv	BOBJ1	770	Before	Interior Girder 1	225	0.95	1	1	183.905297
Combined Trck+lane_str_serv	BOBJ1	770	Before	Interior Girder 2	225	0.95	1	1	183.904635
Combined Trck+lane_str_serv	BOBJ1	770	Before	Right Exterior Girder	225	0.95	1	1	216.648747

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelINonCompStrgth-Flx - Main Span Stringers									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
HL93_str_opr	BOBJ1	0	After	Left Exterior Girder	0	0.95	1	1	154.085255
HL93_str_opr	BOBJ1	0	After	Interior Girder 1	0	0.95	1	1	64.74571
HL93_str_opr	BOBJ1	0	After	Interior Girder 2	0	0.95	1	1	72.232247
HL93_str_opr	BOBJ1	0	After	Interior Girder 3	0	0.95	1	1	77.883027
HL93_str_opr	BOBJ1	0	After	Interior Girder 4	0	0.95	1	1	70.943396
HL93_str_opr	BOBJ1	0	After	Interior Girder 5	0	0.95	1	1	64.653577
HL93_str_opr	BOBJ1	0	After	Right Exterior Girder	0	0.95	1	1	155.176927
HL93_str_opr	BOBJ1	1.9167	Before	Left Exterior Girder	1.9167	0.95	1	1	5.841679
HL93_str_opr	BOBJ1	1.9167	Before	Interior Girder 1	1.9167	0.95	1	1	3.089405
HL93_str_opr	BOBJ1	1.9167	Before	Interior Girder 2	1.9167	0.95	1	1	3.3816
HL93_str_opr	BOBJ1	1.9167	Before	Interior Girder 3	1.9167	0.95	1	1	3.351398
HL93_str_opr	BOBJ1	1.9167	Before	Interior Girder 4	1.9167	0.95	1	1	3.366984
HL93_str_opr	BOBJ1	1.9167	Before	Interior Girder 5	1.9167	0.95	1	1	3.115489
HL93_str_opr	BOBJ1	1.9167	Before	Right Exterior Girder	1.9167	0.95	1	1	5.841678
HL93_str_opr	BOBJ1	1.9167	After	Left Exterior Girder	1.9167	0.95	1	1	5.83259
HL93_str_opr	BOBJ1	1.9167	After	Interior Girder 1	1.9167	0.95	1	1	3.201561
HL93_str_opr	BOBJ1	1.9167	After	Interior Girder 2	1.9167	0.95	1	1	3.454941
HL93_str_opr	BOBJ1	1.9167	After	Interior Girder 3	1.9167	0.95	1	1	3.420415
HL93_str_opr	BOBJ1	1.9167	After	Interior Girder 4	1.9167	0.95	1	1	3.441433
HL93_str_opr	BOBJ1	1.9167	After	Interior Girder 5	1.9167	0.95	1	1	3.226488
HL93_str_opr	BOBJ1	1.9167	After	Right Exterior Girder	1.9167	0.95	1	1	5.83259
HL93_str_opr	BOBJ1	3.8333	Before	Left Exterior Girder	3.8333	0.95	1	1	3.245815
HL93_str_opr	BOBJ1	3.8333	Before	Interior Girder 1	3.8333	0.95	1	1	1.727683
HL93_str_opr	BOBJ1	3.8333	Before	Interior Girder 2	3.8333	0.95	1	1	1.865449
HL93_str_opr	BOBJ1	3.8333	Before	Interior Girder 3	3.8333	0.95	1	1	1.84213
HL93_str_opr	BOBJ1	3.8333	Before	Interior Girder 4	3.8333	0.95	1	1	1.856765
HL93_str_opr	BOBJ1	3.8333	Before	Interior Girder 5	3.8333	0.95	1	1	1.740312
HL93_str_opr	BOBJ1	3.8333	Before	Right Exterior Girder	3.8333	0.95	1	1	3.245815
HL93_str_opr	BOBJ1	3.8333	After	Left Exterior Girder	3.8333	0.95	1	1	3.240856
HL93_str_opr	BOBJ1	3.8333	After	Interior Girder 1	3.8333	0.95	1	1	1.758755
HL93_str_opr	BOBJ1	3.8333	After	Interior Girder 2	3.8333	0.95	1	1	1.880706
HL93_str_opr	BOBJ1	3.8333	After	Interior Girder 3	3.8333	0.95	1	1	1.858871
HL93_str_opr	BOBJ1	3.8333	After	Interior Girder 4	3.8333	0.95	1	1	1.87236
HL93_str_opr	BOBJ1	3.8333	After	Interior Girder 5	3.8333	0.95	1	1	1.770913
HL93_str_opr	BOBJ1	3.8333	After	Right Exterior Girder	3.8333	0.95	1	1	3.240856
HL93_str_opr	BOBJ1	5.75	Before	Left Exterior Girder	5.75	0.95	1	1	2.479305
HL93_str_opr	BOBJ1	5.75	Before	Interior Girder 1	5.75	0.95	1	1	1.315971
HL93_str_opr	BOBJ1	5.75	Before	Interior Girder 2	5.75	0.95	1	1	1.406443
HL93_str_opr	BOBJ1	5.75	Before	Interior Girder 3	5.75	0.95	1	1	1.387884
HL93_str_opr	BOBJ1	5.75	Before	Interior Girder 4	5.75	0.95	1	1	1.39953
HL93_str_opr	BOBJ1	5.75	Before	Interior Girder 5	5.75	0.95	1	1	1.3246
HL93_str_opr	BOBJ1	5.75	Before	Right Exterior Girder	5.75	0.95	1	1	2.479305
HL93_str_opr	BOBJ1	5.75	After	Left Exterior Girder	5.75	0.95	1	1	2.477792
HL93_str_opr	BOBJ1	5.75	After	Interior Girder 1	5.75	0.95	1	1	1.329935
HL93_str_opr	BOBJ1	5.75	After	Interior Girder 2	5.75	0.95	1	1	1.413512
HL93_str_opr	BOBJ1	5.75	After	Interior Girder 3	5.75	0.95	1	1	1.395771
HL93_str_opr	BOBJ1	5.75	After	Interior Girder 4	5.75	0.95	1	1	1.406765
HL93_str_opr	BOBJ1	5.75	After	Interior Girder 5	5.75	0.95	1	1	1.338355
HL93_str_opr	BOBJ1	5.75	After	Right Exterior Girder	5.75	0.95	1	1	2.477792
HL93_str_opr	BOBJ1	7.6667	Before	Left Exterior Girder	7.6667	0.95	1	1	2.220324
HL93_str_opr	BOBJ1	7.6667	Before	Interior Girder 1	7.6667	0.95	1	1	1.168376
HL93_str_opr	BOBJ1	7.6667	Before	Interior Girder 2	7.6667	0.95	1	1	1.242932
HL93_str_opr	BOBJ1	7.6667	Before	Interior Girder 3	7.6667	0.95	1	1	1.225783
HL93_str_opr	BOBJ1	7.6667	Before	Interior Girder 4	7.6667	0.95	1	1	1.236486
HL93_str_opr	BOBJ1	7.6667	Before	Interior Girder 5	7.6667	0.95	1	1	1.17547
HL93_str_opr	BOBJ1	7.6667	Before	Right Exterior Girder	7.6667	0.95	1	1	2.220324
HL93_str_opr	BOBJ1	7.6667	After	Left Exterior Girder	7.6667	0.95	1	1	2.219807
HL93_str_opr	BOBJ1	7.6667	After	Interior Girder 1	7.6667	0.95	1	1	1.175265
HL93_str_opr	BOBJ1	7.6667	After	Interior Girder 2	7.6667	0.95	1	1	1.246425
HL93_str_opr	BOBJ1	7.6667	After	Interior Girder 3	7.6667	0.95	1	1	1.229732
HL93_str_opr	BOBJ1	7.6667	After	Interior Girder 4	7.6667	0.95	1	1	1.24007
HL93_str_opr	BOBJ1	7.6667	After	Interior Girder 5	7.6667	0.95	1	1	1.182271
HL93_str_opr	BOBJ1	7.6667	After	Right Exterior Girder	7.6667	0.95	1	1	2.219807
HL93_str_opr	BOBJ1	9.5833	Before	Left Exterior Girder	9.5833	0.95	1	1	2.157489
HL93_str_opr	BOBJ1	9.5833	Before	Interior Girder 1	9.5833	0.95	1	1	1.134942

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelINonCompStrgth-Flx - Main Span Stringers									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
HL93_str_opr	BOBJ1	9.5833	Before	Interior Girder 2	9.5833	0.95	1	1	1.204095
HL93_str_opr	BOBJ1	9.5833	Before	Interior Girder 3	9.5833	0.95	1	1	1.187691
HL93_str_opr	BOBJ1	9.5833	Before	Interior Girder 4	9.5833	0.95	1	1	1.197957
HL93_str_opr	BOBJ1	9.5833	Before	Interior Girder 5	9.5833	0.95	1	1	1.141781
HL93_str_opr	BOBJ1	9.5833	Before	Right Exterior Girder	9.5833	0.95	1	1	2.157489
HL93_str_opr	BOBJ1	9.5833	After	Left Exterior Girder	9.5833	0.95	1	1	2.157389
HL93_str_opr	BOBJ1	9.5833	After	Interior Girder 1	9.5833	0.95	1	1	1.137571
HL93_str_opr	BOBJ1	9.5833	After	Interior Girder 2	9.5833	0.95	1	1	1.205458
HL93_str_opr	BOBJ1	9.5833	After	Interior Girder 3	9.5833	0.95	1	1	1.189261
HL93_str_opr	BOBJ1	9.5833	After	Interior Girder 4	9.5833	0.95	1	1	1.199361
HL93_str_opr	BOBJ1	9.5833	After	Interior Girder 5	9.5833	0.95	1	1	1.144381
HL93_str_opr	BOBJ1	9.5833	After	Right Exterior Girder	9.5833	0.95	1	1	2.157389
HL93_str_opr	BOBJ1	11.5	Before	Left Exterior Girder	11.5	0.95	1	1	2.088467
HL93_str_opr	BOBJ1	11.5	Before	Interior Girder 1	11.5	0.95	1	1	1.100646
HL93_str_opr	BOBJ1	11.5	Before	Interior Girder 2	11.5	0.95	1	1	1.164473
HL93_str_opr	BOBJ1	11.5	Before	Interior Girder 3	11.5	0.95	1	1	1.148702
HL93_str_opr	BOBJ1	11.5	Before	Interior Girder 4	11.5	0.95	1	1	1.158543
HL93_str_opr	BOBJ1	11.5	Before	Interior Girder 5	11.5	0.95	1	1	1.107109
HL93_str_opr	BOBJ1	11.5	Before	Right Exterior Girder	11.5	0.95	1	1	2.088467
HL93_str_opr	BOBJ1	11.5	After	Left Exterior Girder	11.5	0.95	1	1	2.088478
HL93_str_opr	BOBJ1	11.5	After	Interior Girder 1	11.5	0.95	1	1	1.100635
HL93_str_opr	BOBJ1	11.5	After	Interior Girder 2	11.5	0.95	1	1	1.164478
HL93_str_opr	BOBJ1	11.5	After	Interior Girder 3	11.5	0.95	1	1	1.1487
HL93_str_opr	BOBJ1	11.5	After	Interior Girder 4	11.5	0.95	1	1	1.158548
HL93_str_opr	BOBJ1	11.5	After	Interior Girder 5	11.5	0.95	1	1	1.107098
HL93_str_opr	BOBJ1	11.5	After	Right Exterior Girder	11.5	0.95	1	1	2.088478
HL93_str_opr	BOBJ1	13.4167	Before	Left Exterior Girder	13.4167	0.95	1	1	2.157655
HL93_str_opr	BOBJ1	13.4167	Before	Interior Girder 1	13.4167	0.95	1	1	1.137954
HL93_str_opr	BOBJ1	13.4167	Before	Interior Girder 2	13.4167	0.95	1	1	1.205746
HL93_str_opr	BOBJ1	13.4167	Before	Interior Girder 3	13.4167	0.95	1	1	1.189537
HL93_str_opr	BOBJ1	13.4167	Before	Interior Girder 4	13.4167	0.95	1	1	1.199648
HL93_str_opr	BOBJ1	13.4167	Before	Interior Girder 5	13.4167	0.95	1	1	1.144766
HL93_str_opr	BOBJ1	13.4167	Before	Right Exterior Girder	13.4167	0.95	1	1	2.157655
HL93_str_opr	BOBJ1	13.4167	After	Left Exterior Girder	13.4167	0.95	1	1	2.157777
HL93_str_opr	BOBJ1	13.4167	After	Interior Girder 1	13.4167	0.95	1	1	1.135303
HL93_str_opr	BOBJ1	13.4167	After	Interior Girder 2	13.4167	0.95	1	1	1.204394
HL93_str_opr	BOBJ1	13.4167	After	Interior Girder 3	13.4167	0.95	1	1	1.187964
HL93_str_opr	BOBJ1	13.4167	After	Interior Girder 4	13.4167	0.95	1	1	1.198254
HL93_str_opr	BOBJ1	13.4167	After	Interior Girder 5	13.4167	0.95	1	1	1.142144
HL93_str_opr	BOBJ1	13.4167	After	Right Exterior Girder	13.4167	0.95	1	1	2.157777
HL93_str_opr	BOBJ1	15.3333	Before	Left Exterior Girder	15.3333	0.95	1	1	2.220349
HL93_str_opr	BOBJ1	15.3333	Before	Interior Girder 1	15.3333	0.95	1	1	1.176038
HL93_str_opr	BOBJ1	15.3333	Before	Interior Girder 2	15.3333	0.95	1	1	1.247012
HL93_str_opr	BOBJ1	15.3333	Before	Interior Girder 3	15.3333	0.95	1	1	1.23029
HL93_str_opr	BOBJ1	15.3333	Before	Interior Girder 4	15.3333	0.95	1	1	1.240654
HL93_str_opr	BOBJ1	15.3333	Before	Interior Girder 5	15.3333	0.95	1	1	1.183048
HL93_str_opr	BOBJ1	15.3333	Before	Right Exterior Girder	15.3333	0.95	1	1	2.220349
HL93_str_opr	BOBJ1	15.3333	After	Left Exterior Girder	15.3333	0.95	1	1	2.220886
HL93_str_opr	BOBJ1	15.3333	After	Interior Girder 1	15.3333	0.95	1	1	1.169125
HL93_str_opr	BOBJ1	15.3333	After	Interior Girder 2	15.3333	0.95	1	1	1.243526
HL93_str_opr	BOBJ1	15.3333	After	Interior Girder 3	15.3333	0.95	1	1	1.226337
HL93_str_opr	BOBJ1	15.3333	After	Interior Girder 4	15.3333	0.95	1	1	1.237078
HL93_str_opr	BOBJ1	15.3333	After	Interior Girder 5	15.3333	0.95	1	1	1.176224
HL93_str_opr	BOBJ1	15.3333	After	Right Exterior Girder	15.3333	0.95	1	1	2.220886
HL93_str_opr	BOBJ1	17.25	Before	Left Exterior Girder	17.25	0.95	1	1	2.478663
HL93_str_opr	BOBJ1	17.25	Before	Interior Girder 1	17.25	0.95	1	1	1.331219
HL93_str_opr	BOBJ1	17.25	Before	Interior Girder 2	17.25	0.95	1	1	1.414473
HL93_str_opr	BOBJ1	17.25	Before	Interior Girder 3	17.25	0.95	1	1	1.39669
HL93_str_opr	BOBJ1	17.25	Before	Interior Girder 4	17.25	0.95	1	1	1.407722
HL93_str_opr	BOBJ1	17.25	Before	Interior Girder 5	17.25	0.95	1	1	1.339647
HL93_str_opr	BOBJ1	17.25	Before	Right Exterior Girder	17.25	0.95	1	1	2.478663
HL93_str_opr	BOBJ1	17.25	After	Left Exterior Girder	17.25	0.95	1	1	2.480188
HL93_str_opr	BOBJ1	17.25	After	Interior Girder 1	17.25	0.95	1	1	1.317228
HL93_str_opr	BOBJ1	17.25	After	Interior Girder 2	17.25	0.95	1	1	1.407406
HL93_str_opr	BOBJ1	17.25	After	Interior Girder 3	17.25	0.95	1	1	1.388799

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelINonCompStrgth-Flx - Main Span Stringers									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
HL93_str_opr	BOBJ1	17.25	After	Interior Girder 4	17.25	0.95	1	1	1.400488
HL93_str_opr	BOBJ1	17.25	After	Interior Girder 5	17.25	0.95	1	1	1.325866
HL93_str_opr	BOBJ1	17.25	After	Right Exterior Girder	17.25	0.95	1	1	2.480188
HL93_str_opr	BOBJ1	19.1667	Before	Left Exterior Girder	19.1667	0.95	1	1	3.242249
HL93_str_opr	BOBJ1	19.1667	Before	Interior Girder 1	19.1667	0.95	1	1	1.760992
HL93_str_opr	BOBJ1	19.1667	Before	Interior Girder 2	19.1667	0.95	1	1	1.882314
HL93_str_opr	BOBJ1	19.1667	Before	Interior Girder 3	19.1667	0.95	1	1	1.860428
HL93_str_opr	BOBJ1	19.1667	Before	Interior Girder 4	19.1667	0.95	1	1	1.873961
HL93_str_opr	BOBJ1	19.1667	Before	Interior Girder 5	19.1667	0.95	1	1	1.773166
HL93_str_opr	BOBJ1	19.1667	Before	Right Exterior Girder	19.1667	0.95	1	1	3.242249
HL93_str_opr	BOBJ1	19.1667	After	Left Exterior Girder	19.1667	0.95	1	1	3.247207
HL93_str_opr	BOBJ1	19.1667	After	Interior Girder 1	19.1667	0.95	1	1	1.729881
HL93_str_opr	BOBJ1	19.1667	After	Interior Girder 2	19.1667	0.95	1	1	1.867044
HL93_str_opr	BOBJ1	19.1667	After	Interior Girder 3	19.1667	0.95	1	1	1.843678
HL93_str_opr	BOBJ1	19.1667	After	Interior Girder 4	19.1667	0.95	1	1	1.858353
HL93_str_opr	BOBJ1	19.1667	After	Interior Girder 5	19.1667	0.95	1	1	1.742526
HL93_str_opr	BOBJ1	19.1667	After	Right Exterior Girder	19.1667	0.95	1	1	3.247207
HL93_str_opr	BOBJ1	21.0833	Before	Left Exterior Girder	21.0833	0.95	1	1	5.835548
HL93_str_opr	BOBJ1	21.0833	Before	Interior Girder 1	21.0833	0.95	1	1	3.206406
HL93_str_opr	BOBJ1	21.0833	Before	Interior Girder 2	21.0833	0.95	1	1	3.458431
HL93_str_opr	BOBJ1	21.0833	Before	Interior Girder 3	21.0833	0.95	1	1	3.423859
HL93_str_opr	BOBJ1	21.0833	Before	Interior Girder 4	21.0833	0.95	1	1	3.444909
HL93_str_opr	BOBJ1	21.0833	Before	Interior Girder 5	21.0833	0.95	1	1	3.23137
HL93_str_opr	BOBJ1	21.0833	Before	Right Exterior Girder	21.0833	0.95	1	1	5.835548
HL93_str_opr	BOBJ1	21.0833	After	Left Exterior Girder	21.0833	0.95	1	1	5.844658
HL93_str_opr	BOBJ1	21.0833	After	Interior Girder 1	21.0833	0.95	1	1	3.094084
HL93_str_opr	BOBJ1	21.0833	After	Interior Girder 2	21.0833	0.95	1	1	3.384999
HL93_str_opr	BOBJ1	21.0833	After	Interior Girder 3	21.0833	0.95	1	1	3.354784
HL93_str_opr	BOBJ1	21.0833	After	Interior Girder 4	21.0833	0.95	1	1	3.370369
HL93_str_opr	BOBJ1	21.0833	After	Interior Girder 5	21.0833	0.95	1	1	3.120207
HL93_str_opr	BOBJ1	21.0833	After	Right Exterior Girder	21.0833	0.95	1	1	5.844658
HL93_str_opr	BOBJ1	23	Before	Left Exterior Girder	23	0.95	1	1	154.140008
HL93_str_opr	BOBJ1	23	Before	Interior Girder 1	23	0.95	1	1	64.542366
HL93_str_opr	BOBJ1	23	Before	Interior Girder 2	23	0.95	1	1	72.116577
HL93_str_opr	BOBJ1	23	Before	Interior Girder 3	23	0.95	1	1	77.757859
HL93_str_opr	BOBJ1	23	Before	Interior Girder 4	23	0.95	1	1	70.829701
HL93_str_opr	BOBJ1	23	Before	Interior Girder 5	23	0.95	1	1	64.450493
HL93_str_opr	BOBJ1	23	Before	Right Exterior Girder	23	0.95	1	1	155.232047
HL93_str_inv	BOBJ1	0	After	Left Exterior Girder	0	0.95	1	1	118.865768
HL93_str_inv	BOBJ1	0	After	Interior Girder 1	0	0.95	1	1	49.180347
HL93_str_inv	BOBJ1	0	After	Interior Girder 2	0	0.95	1	1	55.137094
HL93_str_inv	BOBJ1	0	After	Interior Girder 3	0	0.95	1	1	59.409972
HL93_str_inv	BOBJ1	0	After	Interior Girder 4	0	0.95	1	1	54.161836
HL93_str_inv	BOBJ1	0	After	Interior Girder 5	0	0.95	1	1	49.111076
HL93_str_inv	BOBJ1	0	After	Right Exterior Girder	0	0.95	1	1	119.707915
HL93_str_inv	BOBJ1	1.9167	Before	Left Exterior Girder	1.9167	0.95	1	1	4.506438
HL93_str_inv	BOBJ1	1.9167	Before	Interior Girder 1	1.9167	0.95	1	1	2.383256
HL93_str_inv	BOBJ1	1.9167	Before	Interior Girder 2	1.9167	0.95	1	1	2.608663
HL93_str_inv	BOBJ1	1.9167	Before	Interior Girder 3	1.9167	0.95	1	1	2.585364
HL93_str_inv	BOBJ1	1.9167	Before	Interior Girder 4	1.9167	0.95	1	1	2.597388
HL93_str_inv	BOBJ1	1.9167	Before	Interior Girder 5	1.9167	0.95	1	1	2.403377
HL93_str_inv	BOBJ1	1.9167	Before	Right Exterior Girder	1.9167	0.95	1	1	4.506438
HL93_str_inv	BOBJ1	1.9167	After	Left Exterior Girder	1.9167	0.95	1	1	4.499427
HL93_str_inv	BOBJ1	1.9167	After	Interior Girder 1	1.9167	0.95	1	1	2.469775
HL93_str_inv	BOBJ1	1.9167	After	Interior Girder 2	1.9167	0.95	1	1	2.66524
HL93_str_inv	BOBJ1	1.9167	After	Interior Girder 3	1.9167	0.95	1	1	2.638606
HL93_str_inv	BOBJ1	1.9167	After	Interior Girder 4	1.9167	0.95	1	1	2.65482
HL93_str_inv	BOBJ1	1.9167	After	Interior Girder 5	1.9167	0.95	1	1	2.489005
HL93_str_inv	BOBJ1	1.9167	After	Right Exterior Girder	1.9167	0.95	1	1	4.499427
HL93_str_inv	BOBJ1	3.8333	Before	Left Exterior Girder	3.8333	0.95	1	1	2.503915
HL93_str_inv	BOBJ1	3.8333	Before	Interior Girder 1	3.8333	0.95	1	1	1.332784
HL93_str_inv	BOBJ1	3.8333	Before	Interior Girder 2	3.8333	0.95	1	1	1.439061
HL93_str_inv	BOBJ1	3.8333	Before	Interior Girder 3	3.8333	0.95	1	1	1.421072
HL93_str_inv	BOBJ1	3.8333	Before	Interior Girder 4	3.8333	0.95	1	1	1.432362
HL93_str_inv	BOBJ1	3.8333	Before	Interior Girder 5	3.8333	0.95	1	1	1.342526

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelINonCompStrgth-Flx - Main Span Stringers									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
HL93_str_inv	BOBJ1	3.8333	Before	Right Exterior Girder	3.8333	0.95	1	1	2.503914
HL93_str_inv	BOBJ1	3.8333	After	Left Exterior Girder	3.8333	0.95	1	1	2.500089
HL93_str_inv	BOBJ1	3.8333	After	Interior Girder 1	3.8333	0.95	1	1	1.356754
HL93_str_inv	BOBJ1	3.8333	After	Interior Girder 2	3.8333	0.95	1	1	1.45083
HL93_str_inv	BOBJ1	3.8333	After	Interior Girder 3	3.8333	0.95	1	1	1.433986
HL93_str_inv	BOBJ1	3.8333	After	Interior Girder 4	3.8333	0.95	1	1	1.444392
HL93_str_inv	BOBJ1	3.8333	After	Interior Girder 5	3.8333	0.95	1	1	1.366133
HL93_str_inv	BOBJ1	3.8333	After	Right Exterior Girder	3.8333	0.95	1	1	2.500089
HL93_str_inv	BOBJ1	5.75	Before	Left Exterior Girder	5.75	0.95	1	1	1.912607
HL93_str_inv	BOBJ1	5.75	Before	Interior Girder 1	5.75	0.95	1	1	1.015177
HL93_str_inv	BOBJ1	5.75	Before	Interior Girder 2	5.75	0.95	1	1	1.08497
HL93_str_inv	BOBJ1	5.75	Before	Interior Girder 3	5.75	0.95	1	1	1.070654
HL93_str_inv	BOBJ1	5.75	Before	Interior Girder 4	5.75	0.95	1	1	1.079637
HL93_str_inv	BOBJ1	5.75	Before	Interior Girder 5	5.75	0.95	1	1	1.021834
HL93_str_inv	BOBJ1	5.75	Before	Right Exterior Girder	5.75	0.95	1	1	1.912607
HL93_str_inv	BOBJ1	5.75	After	Left Exterior Girder	5.75	0.95	1	1	1.91144
HL93_str_inv	BOBJ1	5.75	After	Interior Girder 1	5.75	0.95	1	1	1.02595
HL93_str_inv	BOBJ1	5.75	After	Interior Girder 2	5.75	0.95	1	1	1.090423
HL93_str_inv	BOBJ1	5.75	After	Interior Girder 3	5.75	0.95	1	1	1.076738
HL93_str_inv	BOBJ1	5.75	After	Interior Girder 4	5.75	0.95	1	1	1.085219
HL93_str_inv	BOBJ1	5.75	After	Interior Girder 5	5.75	0.95	1	1	1.032446
HL93_str_inv	BOBJ1	5.75	After	Right Exterior Girder	5.75	0.95	1	1	1.91144
HL93_str_inv	BOBJ1	7.6667	Before	Left Exterior Girder	7.6667	0.95	1	1	1.712822
HL93_str_inv	BOBJ1	7.6667	Before	Interior Girder 1	7.6667	0.95	1	1	0.901318
HL93_str_inv	BOBJ1	7.6667	Before	Interior Girder 2	7.6667	0.95	1	1	0.958833
HL93_str_inv	BOBJ1	7.6667	Before	Interior Girder 3	7.6667	0.95	1	1	0.945604
HL93_str_inv	BOBJ1	7.6667	Before	Interior Girder 4	7.6667	0.95	1	1	0.95386
HL93_str_inv	BOBJ1	7.6667	Before	Interior Girder 5	7.6667	0.95	1	1	0.906791
HL93_str_inv	BOBJ1	7.6667	Before	Right Exterior Girder	7.6667	0.95	1	1	1.712822
HL93_str_inv	BOBJ1	7.6667	After	Left Exterior Girder	7.6667	0.95	1	1	1.712422
HL93_str_inv	BOBJ1	7.6667	After	Interior Girder 1	7.6667	0.95	1	1	0.906633
HL93_str_inv	BOBJ1	7.6667	After	Interior Girder 2	7.6667	0.95	1	1	0.961528
HL93_str_inv	BOBJ1	7.6667	After	Interior Girder 3	7.6667	0.95	1	1	0.94865
HL93_str_inv	BOBJ1	7.6667	After	Interior Girder 4	7.6667	0.95	1	1	0.956626
HL93_str_inv	BOBJ1	7.6667	After	Interior Girder 5	7.6667	0.95	1	1	0.912038
HL93_str_inv	BOBJ1	7.6667	After	Right Exterior Girder	7.6667	0.95	1	1	1.712422
HL93_str_inv	BOBJ1	9.5833	Before	Left Exterior Girder	9.5833	0.95	1	1	1.664349
HL93_str_inv	BOBJ1	9.5833	Before	Interior Girder 1	9.5833	0.95	1	1	0.875527
HL93_str_inv	BOBJ1	9.5833	Before	Interior Girder 2	9.5833	0.95	1	1	0.928873
HL93_str_inv	BOBJ1	9.5833	Before	Interior Girder 3	9.5833	0.95	1	1	0.916219
HL93_str_inv	BOBJ1	9.5833	Before	Interior Girder 4	9.5833	0.95	1	1	0.924138
HL93_str_inv	BOBJ1	9.5833	Before	Interior Girder 5	9.5833	0.95	1	1	0.880803
HL93_str_inv	BOBJ1	9.5833	Before	Right Exterior Girder	9.5833	0.95	1	1	1.664349
HL93_str_inv	BOBJ1	9.5833	After	Left Exterior Girder	9.5833	0.95	1	1	1.664272
HL93_str_inv	BOBJ1	9.5833	After	Interior Girder 1	9.5833	0.95	1	1	0.877554
HL93_str_inv	BOBJ1	9.5833	After	Interior Girder 2	9.5833	0.95	1	1	0.929925
HL93_str_inv	BOBJ1	9.5833	After	Interior Girder 3	9.5833	0.95	1	1	0.91743
HL93_str_inv	BOBJ1	9.5833	After	Interior Girder 4	9.5833	0.95	1	1	0.925221
HL93_str_inv	BOBJ1	9.5833	After	Interior Girder 5	9.5833	0.95	1	1	0.882808
HL93_str_inv	BOBJ1	9.5833	After	Right Exterior Girder	9.5833	0.95	1	1	1.664272
HL93_str_inv	BOBJ1	11.5	Before	Left Exterior Girder	11.5	0.95	1	1	1.611103
HL93_str_inv	BOBJ1	11.5	Before	Interior Girder 1	11.5	0.95	1	1	0.84907
HL93_str_inv	BOBJ1	11.5	Before	Interior Girder 2	11.5	0.95	1	1	0.898308
HL93_str_inv	BOBJ1	11.5	Before	Interior Girder 3	11.5	0.95	1	1	0.886142
HL93_str_inv	BOBJ1	11.5	Before	Interior Girder 4	11.5	0.95	1	1	0.893733
HL93_str_inv	BOBJ1	11.5	Before	Interior Girder 5	11.5	0.95	1	1	0.854055
HL93_str_inv	BOBJ1	11.5	Before	Right Exterior Girder	11.5	0.95	1	1	1.611103
HL93_str_inv	BOBJ1	11.5	After	Left Exterior Girder	11.5	0.95	1	1	1.611112
HL93_str_inv	BOBJ1	11.5	After	Interior Girder 1	11.5	0.95	1	1	0.849062
HL93_str_inv	BOBJ1	11.5	After	Interior Girder 2	11.5	0.95	1	1	0.898312
HL93_str_inv	BOBJ1	11.5	After	Interior Girder 3	11.5	0.95	1	1	0.88614
HL93_str_inv	BOBJ1	11.5	After	Interior Girder 4	11.5	0.95	1	1	0.893737
HL93_str_inv	BOBJ1	11.5	After	Interior Girder 5	11.5	0.95	1	1	0.854047
HL93_str_inv	BOBJ1	11.5	After	Right Exterior Girder	11.5	0.95	1	1	1.611112
HL93_str_inv	BOBJ1	13.4167	Before	Left Exterior Girder	13.4167	0.95	1	1	1.664476

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelINonCompStrgth-Flx - Main Span Stringers									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
HL93_str_inv	BOBJ1	13.4167	Before	Interior Girder 1	13.4167	0.95	1	1	0.87785
HL93_str_inv	BOBJ1	13.4167	Before	Interior Girder 2	13.4167	0.95	1	1	0.930147
HL93_str_inv	BOBJ1	13.4167	Before	Interior Girder 3	13.4167	0.95	1	1	0.917643
HL93_str_inv	BOBJ1	13.4167	Before	Interior Girder 4	13.4167	0.95	1	1	0.925443
HL93_str_inv	BOBJ1	13.4167	Before	Interior Girder 5	13.4167	0.95	1	1	0.883105
HL93_str_inv	BOBJ1	13.4167	Before	Right Exterior Girder	13.4167	0.95	1	1	1.664476
HL93_str_inv	BOBJ1	13.4167	After	Left Exterior Girder	13.4167	0.95	1	1	1.664571
HL93_str_inv	BOBJ1	13.4167	After	Interior Girder 1	13.4167	0.95	1	1	0.875805
HL93_str_inv	BOBJ1	13.4167	After	Interior Girder 2	13.4167	0.95	1	1	0.929104
HL93_str_inv	BOBJ1	13.4167	After	Interior Girder 3	13.4167	0.95	1	1	0.916429
HL93_str_inv	BOBJ1	13.4167	After	Interior Girder 4	13.4167	0.95	1	1	0.924367
HL93_str_inv	BOBJ1	13.4167	After	Interior Girder 5	13.4167	0.95	1	1	0.881083
HL93_str_inv	BOBJ1	13.4167	After	Right Exterior Girder	13.4167	0.95	1	1	1.664571
HL93_str_inv	BOBJ1	15.3333	Before	Left Exterior Girder	15.3333	0.95	1	1	1.71284
HL93_str_inv	BOBJ1	15.3333	Before	Interior Girder 1	15.3333	0.95	1	1	0.907229
HL93_str_inv	BOBJ1	15.3333	Before	Interior Girder 2	15.3333	0.95	1	1	0.961981
HL93_str_inv	BOBJ1	15.3333	Before	Interior Girder 3	15.3333	0.95	1	1	0.949081
HL93_str_inv	BOBJ1	15.3333	Before	Interior Girder 4	15.3333	0.95	1	1	0.957076
HL93_str_inv	BOBJ1	15.3333	Before	Interior Girder 5	15.3333	0.95	1	1	0.912637
HL93_str_inv	BOBJ1	15.3333	Before	Right Exterior Girder	15.3333	0.95	1	1	1.71284
HL93_str_inv	BOBJ1	15.3333	After	Left Exterior Girder	15.3333	0.95	1	1	1.713255
HL93_str_inv	BOBJ1	15.3333	After	Interior Girder 1	15.3333	0.95	1	1	0.901896
HL93_str_inv	BOBJ1	15.3333	After	Interior Girder 2	15.3333	0.95	1	1	0.959292
HL93_str_inv	BOBJ1	15.3333	After	Interior Girder 3	15.3333	0.95	1	1	0.946032
HL93_str_inv	BOBJ1	15.3333	After	Interior Girder 4	15.3333	0.95	1	1	0.954317
HL93_str_inv	BOBJ1	15.3333	After	Interior Girder 5	15.3333	0.95	1	1	0.907373
HL93_str_inv	BOBJ1	15.3333	After	Right Exterior Girder	15.3333	0.95	1	1	1.713255
HL93_str_inv	BOBJ1	17.25	Before	Left Exterior Girder	17.25	0.95	1	1	1.912111
HL93_str_inv	BOBJ1	17.25	Before	Interior Girder 1	17.25	0.95	1	1	1.02694
HL93_str_inv	BOBJ1	17.25	Before	Interior Girder 2	17.25	0.95	1	1	1.091165
HL93_str_inv	BOBJ1	17.25	Before	Interior Girder 3	17.25	0.95	1	1	1.077447
HL93_str_inv	BOBJ1	17.25	Before	Interior Girder 4	17.25	0.95	1	1	1.085957
HL93_str_inv	BOBJ1	17.25	Before	Interior Girder 5	17.25	0.95	1	1	1.033442
HL93_str_inv	BOBJ1	17.25	Before	Right Exterior Girder	17.25	0.95	1	1	1.912111
HL93_str_inv	BOBJ1	17.25	After	Left Exterior Girder	17.25	0.95	1	1	1.913288
HL93_str_inv	BOBJ1	17.25	After	Interior Girder 1	17.25	0.95	1	1	1.016147
HL93_str_inv	BOBJ1	17.25	After	Interior Girder 2	17.25	0.95	1	1	1.085713
HL93_str_inv	BOBJ1	17.25	After	Interior Girder 3	17.25	0.95	1	1	1.071359
HL93_str_inv	BOBJ1	17.25	After	Interior Girder 4	17.25	0.95	1	1	1.080377
HL93_str_inv	BOBJ1	17.25	After	Interior Girder 5	17.25	0.95	1	1	1.022811
HL93_str_inv	BOBJ1	17.25	After	Right Exterior Girder	17.25	0.95	1	1	1.913288
HL93_str_inv	BOBJ1	19.1667	Before	Left Exterior Girder	19.1667	0.95	1	1	2.501164
HL93_str_inv	BOBJ1	19.1667	Before	Interior Girder 1	19.1667	0.95	1	1	1.35848
HL93_str_inv	BOBJ1	19.1667	Before	Interior Girder 2	19.1667	0.95	1	1	1.45207
HL93_str_inv	BOBJ1	19.1667	Before	Interior Girder 3	19.1667	0.95	1	1	1.435188
HL93_str_inv	BOBJ1	19.1667	Before	Interior Girder 4	19.1667	0.95	1	1	1.445627
HL93_str_inv	BOBJ1	19.1667	Before	Interior Girder 5	19.1667	0.95	1	1	1.367871
HL93_str_inv	BOBJ1	19.1667	Before	Right Exterior Girder	19.1667	0.95	1	1	2.501164
HL93_str_inv	BOBJ1	19.1667	After	Left Exterior Girder	19.1667	0.95	1	1	2.504989
HL93_str_inv	BOBJ1	19.1667	After	Interior Girder 1	19.1667	0.95	1	1	1.33448
HL93_str_inv	BOBJ1	19.1667	After	Interior Girder 2	19.1667	0.95	1	1	1.440291
HL93_str_inv	BOBJ1	19.1667	After	Interior Girder 3	19.1667	0.95	1	1	1.422266
HL93_str_inv	BOBJ1	19.1667	After	Interior Girder 4	19.1667	0.95	1	1	1.433586
HL93_str_inv	BOBJ1	19.1667	After	Interior Girder 5	19.1667	0.95	1	1	1.344234
HL93_str_inv	BOBJ1	19.1667	After	Right Exterior Girder	19.1667	0.95	1	1	2.504989
HL93_str_inv	BOBJ1	21.0833	Before	Left Exterior Girder	21.0833	0.95	1	1	4.501709
HL93_str_inv	BOBJ1	21.0833	Before	Interior Girder 1	21.0833	0.95	1	1	2.473513
HL93_str_inv	BOBJ1	21.0833	Before	Interior Girder 2	21.0833	0.95	1	1	2.667933
HL93_str_inv	BOBJ1	21.0833	Before	Interior Girder 3	21.0833	0.95	1	1	2.641263
HL93_str_inv	BOBJ1	21.0833	Before	Interior Girder 4	21.0833	0.95	1	1	2.657501
HL93_str_inv	BOBJ1	21.0833	Before	Interior Girder 5	21.0833	0.95	1	1	2.492771
HL93_str_inv	BOBJ1	21.0833	Before	Right Exterior Girder	21.0833	0.95	1	1	4.501709
HL93_str_inv	BOBJ1	21.0833	After	Left Exterior Girder	21.0833	0.95	1	1	4.508737
HL93_str_inv	BOBJ1	21.0833	After	Interior Girder 1	21.0833	0.95	1	1	2.386865
HL93_str_inv	BOBJ1	21.0833	After	Interior Girder 2	21.0833	0.95	1	1	2.611285

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelINonCompStrgth-Flx - Main Span Stringers									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
HL93_str_inv	BOBJ1	21.0833	After	Interior Girder 3	21.0833	0.95	1	1	2.587976
HL93_str_inv	BOBJ1	21.0833	After	Interior Girder 4	21.0833	0.95	1	1	2.599999
HL93_str_inv	BOBJ1	21.0833	After	Interior Girder 5	21.0833	0.95	1	1	2.407016
HL93_str_inv	BOBJ1	21.0833	After	Right Exterior Girder	21.0833	0.95	1	1	4.508736
HL93_str_inv	BOBJ1	23	Before	Left Exterior Girder	23	0.95	1	1	118.908006
HL93_str_inv	BOBJ1	23	Before	Interior Girder 1	23	0.95	1	1	49.023482
HL93_str_inv	BOBJ1	23	Before	Interior Girder 2	23	0.95	1	1	55.047862
HL93_str_inv	BOBJ1	23	Before	Interior Girder 3	23	0.95	1	1	59.313414
HL93_str_inv	BOBJ1	23	Before	Interior Girder 4	23	0.95	1	1	54.074128
HL93_str_inv	BOBJ1	23	Before	Interior Girder 5	23	0.95	1	1	48.954411
HL93_str_inv	BOBJ1	23	Before	Right Exterior Girder	23	0.95	1	1	119.750436
HS20_str_opr	BOBJ1	0	After	Left Exterior Girder	0	0.95	1	1	172.70155
HS20_str_opr	BOBJ1	0	After	Interior Girder 1	0	0.95	1	1	73.2004
HS20_str_opr	BOBJ1	0	After	Interior Girder 2	0	0.95	1	1	81.500711
HS20_str_opr	BOBJ1	0	After	Interior Girder 3	0	0.95	1	1	88.208999
HS20_str_opr	BOBJ1	0	After	Interior Girder 4	0	0.95	1	1	80.581554
HS20_str_opr	BOBJ1	0	After	Interior Girder 5	0	0.95	1	1	73.200419
HS20_str_opr	BOBJ1	0	After	Right Exterior Girder	0	0.95	1	1	174.26614
HS20_str_opr	BOBJ1	1.9167	Before	Left Exterior Girder	1.9167	0.95	1	1	6.342835
HS20_str_opr	BOBJ1	1.9167	Before	Interior Girder 1	1.9167	0.95	1	1	3.422575
HS20_str_opr	BOBJ1	1.9167	Before	Interior Girder 2	1.9167	0.95	1	1	3.726651
HS20_str_opr	BOBJ1	1.9167	Before	Interior Girder 3	1.9167	0.95	1	1	3.712608
HS20_str_opr	BOBJ1	1.9167	Before	Interior Girder 4	1.9167	0.95	1	1	3.718355
HS20_str_opr	BOBJ1	1.9167	Before	Interior Girder 5	1.9167	0.95	1	1	3.453116
HS20_str_opr	BOBJ1	1.9167	Before	Right Exterior Girder	1.9167	0.95	1	1	6.342835
HS20_str_opr	BOBJ1	1.9167	After	Left Exterior Girder	1.9167	0.95	1	1	6.355219
HS20_str_opr	BOBJ1	1.9167	After	Interior Girder 1	1.9167	0.95	1	1	3.544005
HS20_str_opr	BOBJ1	1.9167	After	Interior Girder 2	1.9167	0.95	1	1	3.811338
HS20_str_opr	BOBJ1	1.9167	After	Interior Girder 3	1.9167	0.95	1	1	3.789678
HS20_str_opr	BOBJ1	1.9167	After	Interior Girder 4	1.9167	0.95	1	1	3.803332
HS20_str_opr	BOBJ1	1.9167	After	Interior Girder 5	1.9167	0.95	1	1	3.573468
HS20_str_opr	BOBJ1	1.9167	After	Right Exterior Girder	1.9167	0.95	1	1	6.355219
HS20_str_opr	BOBJ1	3.8333	Before	Left Exterior Girder	3.8333	0.95	1	1	3.543525
HS20_str_opr	BOBJ1	3.8333	Before	Interior Girder 1	3.8333	0.95	1	1	1.925957
HS20_str_opr	BOBJ1	3.8333	Before	Interior Girder 2	3.8333	0.95	1	1	2.067567
HS20_str_opr	BOBJ1	3.8333	Before	Interior Girder 3	3.8333	0.95	1	1	2.051488
HS20_str_opr	BOBJ1	3.8333	Before	Interior Girder 4	3.8333	0.95	1	1	2.062095
HS20_str_opr	BOBJ1	3.8333	Before	Interior Girder 5	3.8333	0.95	1	1	1.940985
HS20_str_opr	BOBJ1	3.8333	Before	Right Exterior Girder	3.8333	0.95	1	1	3.543525
HS20_str_opr	BOBJ1	3.8333	After	Left Exterior Girder	3.8333	0.95	1	1	3.544375
HS20_str_opr	BOBJ1	3.8333	After	Interior Girder 1	3.8333	0.95	1	1	1.960216
HS20_str_opr	BOBJ1	3.8333	After	Interior Girder 2	3.8333	0.95	1	1	2.085739
HS20_str_opr	BOBJ1	3.8333	After	Interior Girder 3	3.8333	0.95	1	1	2.070707
HS20_str_opr	BOBJ1	3.8333	After	Interior Girder 4	3.8333	0.95	1	1	2.080344
HS20_str_opr	BOBJ1	3.8333	After	Interior Girder 5	3.8333	0.95	1	1	1.974806
HS20_str_opr	BOBJ1	3.8333	After	Right Exterior Girder	3.8333	0.95	1	1	3.544375
HS20_str_opr	BOBJ1	5.75	Before	Left Exterior Girder	5.75	0.95	1	1	2.724539
HS20_str_opr	BOBJ1	5.75	Before	Interior Girder 1	5.75	0.95	1	1	1.478272
HS20_str_opr	BOBJ1	5.75	Before	Interior Girder 2	5.75	0.95	1	1	1.569887
HS20_str_opr	BOBJ1	5.75	Before	Interior Girder 3	5.75	0.95	1	1	1.556593
HS20_str_opr	BOBJ1	5.75	Before	Interior Girder 4	5.75	0.95	1	1	1.565301
HS20_str_opr	BOBJ1	5.75	Before	Interior Girder 5	5.75	0.95	1	1	1.488758
HS20_str_opr	BOBJ1	5.75	Before	Right Exterior Girder	5.75	0.95	1	1	2.724539
HS20_str_opr	BOBJ1	5.75	After	Left Exterior Girder	5.75	0.95	1	1	2.725834
HS20_str_opr	BOBJ1	5.75	After	Interior Girder 1	5.75	0.95	1	1	1.493824
HS20_str_opr	BOBJ1	5.75	After	Interior Girder 2	5.75	0.95	1	1	1.578446
HS20_str_opr	BOBJ1	5.75	After	Interior Girder 3	5.75	0.95	1	1	1.56577
HS20_str_opr	BOBJ1	5.75	After	Interior Girder 4	5.75	0.95	1	1	1.573906
HS20_str_opr	BOBJ1	5.75	After	Interior Girder 5	5.75	0.95	1	1	1.504116
HS20_str_opr	BOBJ1	5.75	After	Right Exterior Girder	5.75	0.95	1	1	2.725834
HS20_str_opr	BOBJ1	7.6667	Before	Left Exterior Girder	7.6667	0.95	1	1	2.461971
HS20_str_opr	BOBJ1	7.6667	Before	Interior Girder 1	7.6667	0.95	1	1	1.325786
HS20_str_opr	BOBJ1	7.6667	Before	Interior Girder 2	7.6667	0.95	1	1	1.400872
HS20_str_opr	BOBJ1	7.6667	Before	Interior Girder 3	7.6667	0.95	1	1	1.388416
HS20_str_opr	BOBJ1	7.6667	Before	Interior Girder 4	7.6667	0.95	1	1	1.396479

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelINonCompStrgth-Flx - Main Span Stringers									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
HS20_str_opr	BOBJ1	7.6667	Before	Interior Girder 5	7.6667	0.95	1	1	1.334618
HS20_str_opr	BOBJ1	7.6667	Before	Right Exterior Girder	7.6667	0.95	1	1	2.461971
HS20_str_opr	BOBJ1	7.6667	After	Left Exterior Girder	7.6667	0.95	1	1	2.463103
HS20_str_opr	BOBJ1	7.6667	After	Interior Girder 1	7.6667	0.95	1	1	1.333483
HS20_str_opr	BOBJ1	7.6667	After	Interior Girder 2	7.6667	0.95	1	1	1.405184
HS20_str_opr	BOBJ1	7.6667	After	Interior Girder 3	7.6667	0.95	1	1	1.393065
HS20_str_opr	BOBJ1	7.6667	After	Interior Girder 4	7.6667	0.95	1	1	1.400816
HS20_str_opr	BOBJ1	7.6667	After	Interior Girder 5	7.6667	0.95	1	1	1.342238
HS20_str_opr	BOBJ1	7.6667	After	Right Exterior Girder	7.6667	0.95	1	1	2.463103
HS20_str_opr	BOBJ1	9.5833	Before	Left Exterior Girder	9.5833	0.95	1	1	2.413506
HS20_str_opr	BOBJ1	9.5833	Before	Interior Girder 1	9.5833	0.95	1	1	1.30188
HS20_str_opr	BOBJ1	9.5833	Before	Interior Girder 2	9.5833	0.95	1	1	1.3713
HS20_str_opr	BOBJ1	9.5833	Before	Interior Girder 3	9.5833	0.95	1	1	1.359824
HS20_str_opr	BOBJ1	9.5833	Before	Interior Girder 4	9.5833	0.95	1	1	1.367312
HS20_str_opr	BOBJ1	9.5833	Before	Interior Girder 5	9.5833	0.95	1	1	1.310612
HS20_str_opr	BOBJ1	9.5833	Before	Right Exterior Girder	9.5833	0.95	1	1	2.413506
HS20_str_opr	BOBJ1	9.5833	After	Left Exterior Girder	9.5833	0.95	1	1	2.414245
HS20_str_opr	BOBJ1	9.5833	After	Interior Girder 1	9.5833	0.95	1	1	1.304753
HS20_str_opr	BOBJ1	9.5833	After	Interior Girder 2	9.5833	0.95	1	1	1.373005
HS20_str_opr	BOBJ1	9.5833	After	Interior Girder 3	9.5833	0.95	1	1	1.36167
HS20_str_opr	BOBJ1	9.5833	After	Interior Girder 4	9.5833	0.95	1	1	1.369024
HS20_str_opr	BOBJ1	9.5833	After	Interior Girder 5	9.5833	0.95	1	1	1.313464
HS20_str_opr	BOBJ1	9.5833	After	Right Exterior Girder	9.5833	0.95	1	1	2.414245
HS20_str_opr	BOBJ1	11.5	Before	Left Exterior Girder	11.5	0.95	1	1	2.336889
HS20_str_opr	BOBJ1	11.5	Before	Interior Girder 1	11.5	0.95	1	1	1.262903
HS20_str_opr	BOBJ1	11.5	Before	Interior Girder 2	11.5	0.95	1	1	1.32644
HS20_str_opr	BOBJ1	11.5	Before	Interior Girder 3	11.5	0.95	1	1	1.31537
HS20_str_opr	BOBJ1	11.5	Before	Interior Girder 4	11.5	0.95	1	1	1.322551
HS20_str_opr	BOBJ1	11.5	Before	Interior Girder 5	11.5	0.95	1	1	1.271175
HS20_str_opr	BOBJ1	11.5	Before	Right Exterior Girder	11.5	0.95	1	1	2.336889
HS20_str_opr	BOBJ1	11.5	After	Left Exterior Girder	11.5	0.95	1	1	2.336902
HS20_str_opr	BOBJ1	11.5	After	Interior Girder 1	11.5	0.95	1	1	1.262891
HS20_str_opr	BOBJ1	11.5	After	Interior Girder 2	11.5	0.95	1	1	1.326446
HS20_str_opr	BOBJ1	11.5	After	Interior Girder 3	11.5	0.95	1	1	1.315368
HS20_str_opr	BOBJ1	11.5	After	Interior Girder 4	11.5	0.95	1	1	1.322557
HS20_str_opr	BOBJ1	11.5	After	Interior Girder 5	11.5	0.95	1	1	1.271163
HS20_str_opr	BOBJ1	11.5	After	Right Exterior Girder	11.5	0.95	1	1	2.336901
HS20_str_opr	BOBJ1	13.4167	Before	Left Exterior Girder	13.4167	0.95	1	1	2.414542
HS20_str_opr	BOBJ1	13.4167	Before	Interior Girder 1	13.4167	0.95	1	1	1.305192
HS20_str_opr	BOBJ1	13.4167	Before	Interior Girder 2	13.4167	0.95	1	1	1.373333
HS20_str_opr	BOBJ1	13.4167	Before	Interior Girder 3	13.4167	0.95	1	1	1.361986
HS20_str_opr	BOBJ1	13.4167	Before	Interior Girder 4	13.4167	0.95	1	1	1.369351
HS20_str_opr	BOBJ1	13.4167	Before	Interior Girder 5	13.4167	0.95	1	1	1.313906
HS20_str_opr	BOBJ1	13.4167	Before	Right Exterior Girder	13.4167	0.95	1	1	2.414542
HS20_str_opr	BOBJ1	13.4167	After	Left Exterior Girder	13.4167	0.95	1	1	2.413827
HS20_str_opr	BOBJ1	13.4167	After	Interior Girder 1	13.4167	0.95	1	1	1.302294
HS20_str_opr	BOBJ1	13.4167	After	Interior Girder 2	13.4167	0.95	1	1	1.37164
HS20_str_opr	BOBJ1	13.4167	After	Interior Girder 3	13.4167	0.95	1	1	1.360136
HS20_str_opr	BOBJ1	13.4167	After	Interior Girder 4	13.4167	0.95	1	1	1.367651
HS20_str_opr	BOBJ1	13.4167	After	Interior Girder 5	13.4167	0.95	1	1	1.311029
HS20_str_opr	BOBJ1	13.4167	After	Right Exterior Girder	13.4167	0.95	1	1	2.413827
HS20_str_opr	BOBJ1	15.3333	Before	Left Exterior Girder	15.3333	0.95	1	1	2.463705
HS20_str_opr	BOBJ1	15.3333	Before	Interior Girder 1	15.3333	0.95	1	1	1.334359
HS20_str_opr	BOBJ1	15.3333	Before	Interior Girder 2	15.3333	0.95	1	1	1.405845
HS20_str_opr	BOBJ1	15.3333	Before	Interior Girder 3	15.3333	0.95	1	1	1.393697
HS20_str_opr	BOBJ1	15.3333	Before	Interior Girder 4	15.3333	0.95	1	1	1.401476
HS20_str_opr	BOBJ1	15.3333	Before	Interior Girder 5	15.3333	0.95	1	1	1.34312
HS20_str_opr	BOBJ1	15.3333	Before	Right Exterior Girder	15.3333	0.95	1	1	2.463705
HS20_str_opr	BOBJ1	15.3333	After	Left Exterior Girder	15.3333	0.95	1	1	2.462594
HS20_str_opr	BOBJ1	15.3333	After	Interior Girder 1	15.3333	0.95	1	1	1.326637
HS20_str_opr	BOBJ1	15.3333	After	Interior Girder 2	15.3333	0.95	1	1	1.401542
HS20_str_opr	BOBJ1	15.3333	After	Interior Girder 3	15.3333	0.95	1	1	1.389043
HS20_str_opr	BOBJ1	15.3333	After	Interior Girder 4	15.3333	0.95	1	1	1.397148
HS20_str_opr	BOBJ1	15.3333	After	Interior Girder 5	15.3333	0.95	1	1	1.335474
HS20_str_opr	BOBJ1	15.3333	After	Right Exterior Girder	15.3333	0.95	1	1	2.462594

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelINonCompStrgth-Flx - Main Span Stringers									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
HS20_str_opr	BOBJ1	17.25	Before	Left Exterior Girder	17.25	0.95	1	1	2.726792
HS20_str_opr	BOBJ1	17.25	Before	Interior Girder 1	17.25	0.95	1	1	1.495266
HS20_str_opr	BOBJ1	17.25	Before	Interior Girder 2	17.25	0.95	1	1	1.579519
HS20_str_opr	BOBJ1	17.25	Before	Interior Girder 3	17.25	0.95	1	1	1.566801
HS20_str_opr	BOBJ1	17.25	Before	Interior Girder 4	17.25	0.95	1	1	1.574977
HS20_str_opr	BOBJ1	17.25	Before	Interior Girder 5	17.25	0.95	1	1	1.505568
HS20_str_opr	BOBJ1	17.25	Before	Right Exterior Girder	17.25	0.95	1	1	2.726792
HS20_str_opr	BOBJ1	17.25	After	Left Exterior Girder	17.25	0.95	1	1	2.725509
HS20_str_opr	BOBJ1	17.25	After	Interior Girder 1	17.25	0.95	1	1	1.479685
HS20_str_opr	BOBJ1	17.25	After	Interior Girder 2	17.25	0.95	1	1	1.570962
HS20_str_opr	BOBJ1	17.25	After	Interior Girder 3	17.25	0.95	1	1	1.557619
HS20_str_opr	BOBJ1	17.25	After	Interior Girder 4	17.25	0.95	1	1	1.566372
HS20_str_opr	BOBJ1	17.25	After	Interior Girder 5	17.25	0.95	1	1	1.490181
HS20_str_opr	BOBJ1	17.25	After	Right Exterior Girder	17.25	0.95	1	1	2.725509
HS20_str_opr	BOBJ1	19.1667	Before	Left Exterior Girder	19.1667	0.95	1	1	3.545899
HS20_str_opr	BOBJ1	19.1667	Before	Interior Girder 1	19.1667	0.95	1	1	1.962709
HS20_str_opr	BOBJ1	19.1667	Before	Interior Girder 2	19.1667	0.95	1	1	2.087522
HS20_str_opr	BOBJ1	19.1667	Before	Interior Girder 3	19.1667	0.95	1	1	2.072441
HS20_str_opr	BOBJ1	19.1667	Before	Interior Girder 4	19.1667	0.95	1	1	2.082122
HS20_str_opr	BOBJ1	19.1667	Before	Interior Girder 5	19.1667	0.95	1	1	1.977318
HS20_str_opr	BOBJ1	19.1667	Before	Right Exterior Girder	19.1667	0.95	1	1	3.545899
HS20_str_opr	BOBJ1	19.1667	After	Left Exterior Girder	19.1667	0.95	1	1	3.545046
HS20_str_opr	BOBJ1	19.1667	After	Interior Girder 1	19.1667	0.95	1	1	1.928408
HS20_str_opr	BOBJ1	19.1667	After	Interior Girder 2	19.1667	0.95	1	1	2.069334
HS20_str_opr	BOBJ1	19.1667	After	Interior Girder 3	19.1667	0.95	1	1	2.053212
HS20_str_opr	BOBJ1	19.1667	After	Interior Girder 4	19.1667	0.95	1	1	2.063858
HS20_str_opr	BOBJ1	19.1667	After	Interior Girder 5	19.1667	0.95	1	1	1.943454
HS20_str_opr	BOBJ1	19.1667	After	Right Exterior Girder	19.1667	0.95	1	1	3.545045
HS20_str_opr	BOBJ1	21.0833	Before	Left Exterior Girder	21.0833	0.95	1	1	6.358443
HS20_str_opr	BOBJ1	21.0833	Before	Interior Girder 1	21.0833	0.95	1	1	3.549368
HS20_str_opr	BOBJ1	21.0833	Before	Interior Girder 2	21.0833	0.95	1	1	3.815188
HS20_str_opr	BOBJ1	21.0833	Before	Interior Girder 3	21.0833	0.95	1	1	3.793493
HS20_str_opr	BOBJ1	21.0833	Before	Interior Girder 4	21.0833	0.95	1	1	3.807174
HS20_str_opr	BOBJ1	21.0833	Before	Interior Girder 5	21.0833	0.95	1	1	3.578876
HS20_str_opr	BOBJ1	21.0833	Before	Right Exterior Girder	21.0833	0.95	1	1	6.358443
HS20_str_opr	BOBJ1	21.0833	After	Left Exterior Girder	21.0833	0.95	1	1	6.346071
HS20_str_opr	BOBJ1	21.0833	After	Interior Girder 1	21.0833	0.95	1	1	3.427758
HS20_str_opr	BOBJ1	21.0833	After	Interior Girder 2	21.0833	0.95	1	1	3.730397
HS20_str_opr	BOBJ1	21.0833	After	Interior Girder 3	21.0833	0.95	1	1	3.716358
HS20_str_opr	BOBJ1	21.0833	After	Interior Girder 4	21.0833	0.95	1	1	3.722092
HS20_str_opr	BOBJ1	21.0833	After	Interior Girder 5	21.0833	0.95	1	1	3.458345
HS20_str_opr	BOBJ1	21.0833	After	Right Exterior Girder	21.0833	0.95	1	1	6.346071
HS20_str_opr	BOBJ1	23	Before	Left Exterior Girder	23	0.95	1	1	172.762918
HS20_str_opr	BOBJ1	23	Before	Interior Girder 1	23	0.95	1	1	72.972283
HS20_str_opr	BOBJ1	23	Before	Interior Girder 2	23	0.95	1	1	81.370914
HS20_str_opr	BOBJ1	23	Before	Interior Girder 3	23	0.95	1	1	88.068085
HS20_str_opr	BOBJ1	23	Before	Interior Girder 4	23	0.95	1	1	80.453152
HS20_str_opr	BOBJ1	23	Before	Interior Girder 5	23	0.95	1	1	72.972289
HS20_str_opr	BOBJ1	23	Before	Right Exterior Girder	23	0.95	1	1	174.328041
HS20_str_inv	BOBJ1	0	After	Left Exterior Girder	0	0.95	1	1	133.22691
HS20_str_inv	BOBJ1	0	After	Interior Girder 1	0	0.95	1	1	55.532056
HS20_str_inv	BOBJ1	0	After	Interior Girder 2	0	0.95	1	1	62.143048
HS20_str_inv	BOBJ1	0	After	Interior Girder 3	0	0.95	1	1	67.206711
HS20_str_inv	BOBJ1	0	After	Interior Girder 4	0	0.95	1	1	61.44883
HS20_str_inv	BOBJ1	0	After	Interior Girder 5	0	0.95	1	1	55.53207
HS20_str_inv	BOBJ1	0	After	Right Exterior Girder	0	0.95	1	1	134.43388
HS20_str_inv	BOBJ1	1.9167	Before	Left Exterior Girder	1.9167	0.95	1	1	4.893044
HS20_str_inv	BOBJ1	1.9167	Before	Interior Girder 1	1.9167	0.95	1	1	2.640272
HS20_str_inv	BOBJ1	1.9167	Before	Interior Girder 2	1.9167	0.95	1	1	2.874845
HS20_str_inv	BOBJ1	1.9167	Before	Interior Girder 3	1.9167	0.95	1	1	2.864012
HS20_str_inv	BOBJ1	1.9167	Before	Interior Girder 4	1.9167	0.95	1	1	2.868445
HS20_str_inv	BOBJ1	1.9167	Before	Interior Girder 5	1.9167	0.95	1	1	2.663832
HS20_str_inv	BOBJ1	1.9167	Before	Right Exterior Girder	1.9167	0.95	1	1	4.893044
HS20_str_inv	BOBJ1	1.9167	After	Left Exterior Girder	1.9167	0.95	1	1	4.902598
HS20_str_inv	BOBJ1	1.9167	After	Interior Girder 1	1.9167	0.95	1	1	2.733947

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelINonCompStrgth-Flx - Main Span Stringers									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
HS20_str_inv	BOBJ1	1.9167	After	Interior Girder 2	1.9167	0.95	1	1	2.940175
HS20_str_inv	BOBJ1	1.9167	After	Interior Girder 3	1.9167	0.95	1	1	2.923466
HS20_str_inv	BOBJ1	1.9167	After	Interior Girder 4	1.9167	0.95	1	1	2.933999
HS20_str_inv	BOBJ1	1.9167	After	Interior Girder 5	1.9167	0.95	1	1	2.756676
HS20_str_inv	BOBJ1	1.9167	After	Right Exterior Girder	1.9167	0.95	1	1	4.902598
HS20_str_inv	BOBJ1	3.8333	Before	Left Exterior Girder	3.8333	0.95	1	1	2.733577
HS20_str_inv	BOBJ1	3.8333	Before	Interior Girder 1	3.8333	0.95	1	1	1.485739
HS20_str_inv	BOBJ1	3.8333	Before	Interior Girder 2	3.8333	0.95	1	1	1.59498
HS20_str_inv	BOBJ1	3.8333	Before	Interior Girder 3	3.8333	0.95	1	1	1.582577
HS20_str_inv	BOBJ1	3.8333	Before	Interior Girder 4	3.8333	0.95	1	1	1.590759
HS20_str_inv	BOBJ1	3.8333	Before	Interior Girder 5	3.8333	0.95	1	1	1.497331
HS20_str_inv	BOBJ1	3.8333	Before	Right Exterior Girder	3.8333	0.95	1	1	2.733577
HS20_str_inv	BOBJ1	3.8333	After	Left Exterior Girder	3.8333	0.95	1	1	2.734232
HS20_str_inv	BOBJ1	3.8333	After	Interior Girder 1	3.8333	0.95	1	1	1.512167
HS20_str_inv	BOBJ1	3.8333	After	Interior Girder 2	3.8333	0.95	1	1	1.608999
HS20_str_inv	BOBJ1	3.8333	After	Interior Girder 3	3.8333	0.95	1	1	1.597402
HS20_str_inv	BOBJ1	3.8333	After	Interior Girder 4	3.8333	0.95	1	1	1.604836
HS20_str_inv	BOBJ1	3.8333	After	Interior Girder 5	3.8333	0.95	1	1	1.523422
HS20_str_inv	BOBJ1	3.8333	After	Right Exterior Girder	3.8333	0.95	1	1	2.734232
HS20_str_inv	BOBJ1	5.75	Before	Left Exterior Girder	5.75	0.95	1	1	2.101787
HS20_str_inv	BOBJ1	5.75	Before	Interior Girder 1	5.75	0.95	1	1	1.140381
HS20_str_inv	BOBJ1	5.75	Before	Interior Girder 2	5.75	0.95	1	1	1.211056
HS20_str_inv	BOBJ1	5.75	Before	Interior Girder 3	5.75	0.95	1	1	1.2008
HS20_str_inv	BOBJ1	5.75	Before	Interior Girder 4	5.75	0.95	1	1	1.207518
HS20_str_inv	BOBJ1	5.75	Before	Interior Girder 5	5.75	0.95	1	1	1.148471
HS20_str_inv	BOBJ1	5.75	Before	Right Exterior Girder	5.75	0.95	1	1	2.101787
HS20_str_inv	BOBJ1	5.75	After	Left Exterior Girder	5.75	0.95	1	1	2.102786
HS20_str_inv	BOBJ1	5.75	After	Interior Girder 1	5.75	0.95	1	1	1.152378
HS20_str_inv	BOBJ1	5.75	After	Interior Girder 2	5.75	0.95	1	1	1.217658
HS20_str_inv	BOBJ1	5.75	After	Interior Girder 3	5.75	0.95	1	1	1.20788
HS20_str_inv	BOBJ1	5.75	After	Interior Girder 4	5.75	0.95	1	1	1.214156
HS20_str_inv	BOBJ1	5.75	After	Interior Girder 5	5.75	0.95	1	1	1.160318
HS20_str_inv	BOBJ1	5.75	After	Right Exterior Girder	5.75	0.95	1	1	2.102786
HS20_str_inv	BOBJ1	7.6667	Before	Left Exterior Girder	7.6667	0.95	1	1	1.899235
HS20_str_inv	BOBJ1	7.6667	Before	Interior Girder 1	7.6667	0.95	1	1	1.02275
HS20_str_inv	BOBJ1	7.6667	Before	Interior Girder 2	7.6667	0.95	1	1	1.080672
HS20_str_inv	BOBJ1	7.6667	Before	Interior Girder 3	7.6667	0.95	1	1	1.071064
HS20_str_inv	BOBJ1	7.6667	Before	Interior Girder 4	7.6667	0.95	1	1	1.077284
HS20_str_inv	BOBJ1	7.6667	Before	Interior Girder 5	7.6667	0.95	1	1	1.029563
HS20_str_inv	BOBJ1	7.6667	Before	Right Exterior Girder	7.6667	0.95	1	1	1.899235
HS20_str_inv	BOBJ1	7.6667	After	Left Exterior Girder	7.6667	0.95	1	1	1.900108
HS20_str_inv	BOBJ1	7.6667	After	Interior Girder 1	7.6667	0.95	1	1	1.028687
HS20_str_inv	BOBJ1	7.6667	After	Interior Girder 2	7.6667	0.95	1	1	1.083999
HS20_str_inv	BOBJ1	7.6667	After	Interior Girder 3	7.6667	0.95	1	1	1.07465
HS20_str_inv	BOBJ1	7.6667	After	Interior Girder 4	7.6667	0.95	1	1	1.08063
HS20_str_inv	BOBJ1	7.6667	After	Interior Girder 5	7.6667	0.95	1	1	1.035441
HS20_str_inv	BOBJ1	7.6667	After	Right Exterior Girder	7.6667	0.95	1	1	1.900108
HS20_str_inv	BOBJ1	9.5833	Before	Left Exterior Girder	9.5833	0.95	1	1	1.861847
HS20_str_inv	BOBJ1	9.5833	Before	Interior Girder 1	9.5833	0.95	1	1	1.004307
HS20_str_inv	BOBJ1	9.5833	Before	Interior Girder 2	9.5833	0.95	1	1	1.05786
HS20_str_inv	BOBJ1	9.5833	Before	Interior Girder 3	9.5833	0.95	1	1	1.049007
HS20_str_inv	BOBJ1	9.5833	Before	Interior Girder 4	9.5833	0.95	1	1	1.054783
HS20_str_inv	BOBJ1	9.5833	Before	Interior Girder 5	9.5833	0.95	1	1	1.011044
HS20_str_inv	BOBJ1	9.5833	Before	Right Exterior Girder	9.5833	0.95	1	1	1.861847
HS20_str_inv	BOBJ1	9.5833	After	Left Exterior Girder	9.5833	0.95	1	1	1.862418
HS20_str_inv	BOBJ1	9.5833	After	Interior Girder 1	9.5833	0.95	1	1	1.006524
HS20_str_inv	BOBJ1	9.5833	After	Interior Girder 2	9.5833	0.95	1	1	1.059175
HS20_str_inv	BOBJ1	9.5833	After	Interior Girder 3	9.5833	0.95	1	1	1.050431
HS20_str_inv	BOBJ1	9.5833	After	Interior Girder 4	9.5833	0.95	1	1	1.056104
HS20_str_inv	BOBJ1	9.5833	After	Interior Girder 5	9.5833	0.95	1	1	1.013243
HS20_str_inv	BOBJ1	9.5833	After	Right Exterior Girder	9.5833	0.95	1	1	1.862418
HS20_str_inv	BOBJ1	11.5	Before	Left Exterior Girder	11.5	0.95	1	1	1.802743
HS20_str_inv	BOBJ1	11.5	Before	Interior Girder 1	11.5	0.95	1	1	0.97424
HS20_str_inv	BOBJ1	11.5	Before	Interior Girder 2	11.5	0.95	1	1	1.023254
HS20_str_inv	BOBJ1	11.5	Before	Interior Girder 3	11.5	0.95	1	1	1.014714

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelINonCompStrgth-Flx - Main Span Stringers									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
HS20_str_inv	BOBJ1	11.5	Before	Interior Girder 4	11.5	0.95	1	1	1.020253
HS20_str_inv	BOBJ1	11.5	Before	Interior Girder 5	11.5	0.95	1	1	0.980621
HS20_str_inv	BOBJ1	11.5	Before	Right Exterior Girder	11.5	0.95	1	1	1.802743
HS20_str_inv	BOBJ1	11.5	After	Left Exterior Girder	11.5	0.95	1	1	1.802753
HS20_str_inv	BOBJ1	11.5	After	Interior Girder 1	11.5	0.95	1	1	0.97423
HS20_str_inv	BOBJ1	11.5	After	Interior Girder 2	11.5	0.95	1	1	1.023259
HS20_str_inv	BOBJ1	11.5	After	Interior Girder 3	11.5	0.95	1	1	1.014713
HS20_str_inv	BOBJ1	11.5	After	Interior Girder 4	11.5	0.95	1	1	1.020258
HS20_str_inv	BOBJ1	11.5	After	Interior Girder 5	11.5	0.95	1	1	0.980612
HS20_str_inv	BOBJ1	11.5	After	Right Exterior Girder	11.5	0.95	1	1	1.802753
HS20_str_inv	BOBJ1	13.4167	Before	Left Exterior Girder	13.4167	0.95	1	1	1.862647
HS20_str_inv	BOBJ1	13.4167	Before	Interior Girder 1	13.4167	0.95	1	1	1.006863
HS20_str_inv	BOBJ1	13.4167	Before	Interior Girder 2	13.4167	0.95	1	1	1.059428
HS20_str_inv	BOBJ1	13.4167	Before	Interior Girder 3	13.4167	0.95	1	1	1.050675
HS20_str_inv	BOBJ1	13.4167	Before	Interior Girder 4	13.4167	0.95	1	1	1.056357
HS20_str_inv	BOBJ1	13.4167	Before	Interior Girder 5	13.4167	0.95	1	1	1.013584
HS20_str_inv	BOBJ1	13.4167	Before	Right Exterior Girder	13.4167	0.95	1	1	1.862647
HS20_str_inv	BOBJ1	13.4167	After	Left Exterior Girder	13.4167	0.95	1	1	1.862095
HS20_str_inv	BOBJ1	13.4167	After	Interior Girder 1	13.4167	0.95	1	1	1.004627
HS20_str_inv	BOBJ1	13.4167	After	Interior Girder 2	13.4167	0.95	1	1	1.058122
HS20_str_inv	BOBJ1	13.4167	After	Interior Girder 3	13.4167	0.95	1	1	1.049248
HS20_str_inv	BOBJ1	13.4167	After	Interior Girder 4	13.4167	0.95	1	1	1.055045
HS20_str_inv	BOBJ1	13.4167	After	Interior Girder 5	13.4167	0.95	1	1	1.011365
HS20_str_inv	BOBJ1	13.4167	After	Right Exterior Girder	13.4167	0.95	1	1	1.862095
HS20_str_inv	BOBJ1	15.3333	Before	Left Exterior Girder	15.3333	0.95	1	1	1.900572
HS20_str_inv	BOBJ1	15.3333	Before	Interior Girder 1	15.3333	0.95	1	1	1.029363
HS20_str_inv	BOBJ1	15.3333	Before	Interior Girder 2	15.3333	0.95	1	1	1.084509
HS20_str_inv	BOBJ1	15.3333	Before	Interior Girder 3	15.3333	0.95	1	1	1.075138
HS20_str_inv	BOBJ1	15.3333	Before	Interior Girder 4	15.3333	0.95	1	1	1.081139
HS20_str_inv	BOBJ1	15.3333	Before	Interior Girder 5	15.3333	0.95	1	1	1.036121
HS20_str_inv	BOBJ1	15.3333	Before	Right Exterior Girder	15.3333	0.95	1	1	1.900572
HS20_str_inv	BOBJ1	15.3333	After	Left Exterior Girder	15.3333	0.95	1	1	1.899715
HS20_str_inv	BOBJ1	15.3333	After	Interior Girder 1	15.3333	0.95	1	1	1.023405
HS20_str_inv	BOBJ1	15.3333	After	Interior Girder 2	15.3333	0.95	1	1	1.08119
HS20_str_inv	BOBJ1	15.3333	After	Interior Girder 3	15.3333	0.95	1	1	1.071548
HS20_str_inv	BOBJ1	15.3333	After	Interior Girder 4	15.3333	0.95	1	1	1.0778
HS20_str_inv	BOBJ1	15.3333	After	Interior Girder 5	15.3333	0.95	1	1	1.030223
HS20_str_inv	BOBJ1	15.3333	After	Right Exterior Girder	15.3333	0.95	1	1	1.899715
HS20_str_inv	BOBJ1	17.25	Before	Left Exterior Girder	17.25	0.95	1	1	2.103525
HS20_str_inv	BOBJ1	17.25	Before	Interior Girder 1	17.25	0.95	1	1	1.153491
HS20_str_inv	BOBJ1	17.25	Before	Interior Girder 2	17.25	0.95	1	1	1.218486
HS20_str_inv	BOBJ1	17.25	Before	Interior Girder 3	17.25	0.95	1	1	1.208675
HS20_str_inv	BOBJ1	17.25	Before	Interior Girder 4	17.25	0.95	1	1	1.214982
HS20_str_inv	BOBJ1	17.25	Before	Interior Girder 5	17.25	0.95	1	1	1.161438
HS20_str_inv	BOBJ1	17.25	Before	Right Exterior Girder	17.25	0.95	1	1	2.103525
HS20_str_inv	BOBJ1	17.25	After	Left Exterior Girder	17.25	0.95	1	1	2.102535
HS20_str_inv	BOBJ1	17.25	After	Interior Girder 1	17.25	0.95	1	1	1.141471
HS20_str_inv	BOBJ1	17.25	After	Interior Girder 2	17.25	0.95	1	1	1.211885
HS20_str_inv	BOBJ1	17.25	After	Interior Girder 3	17.25	0.95	1	1	1.201592
HS20_str_inv	BOBJ1	17.25	After	Interior Girder 4	17.25	0.95	1	1	1.208344
HS20_str_inv	BOBJ1	17.25	After	Interior Girder 5	17.25	0.95	1	1	1.149568
HS20_str_inv	BOBJ1	17.25	After	Right Exterior Girder	17.25	0.95	1	1	2.102535
HS20_str_inv	BOBJ1	19.1667	Before	Left Exterior Girder	19.1667	0.95	1	1	2.735408
HS20_str_inv	BOBJ1	19.1667	Before	Interior Girder 1	19.1667	0.95	1	1	1.51409
HS20_str_inv	BOBJ1	19.1667	Before	Interior Girder 2	19.1667	0.95	1	1	1.610374
HS20_str_inv	BOBJ1	19.1667	Before	Interior Girder 3	19.1667	0.95	1	1	1.598741
HS20_str_inv	BOBJ1	19.1667	Before	Interior Girder 4	19.1667	0.95	1	1	1.606209
HS20_str_inv	BOBJ1	19.1667	Before	Interior Girder 5	19.1667	0.95	1	1	1.52536
HS20_str_inv	BOBJ1	19.1667	Before	Right Exterior Girder	19.1667	0.95	1	1	2.735408
HS20_str_inv	BOBJ1	19.1667	After	Left Exterior Girder	19.1667	0.95	1	1	2.734749
HS20_str_inv	BOBJ1	19.1667	After	Interior Girder 1	19.1667	0.95	1	1	1.487629
HS20_str_inv	BOBJ1	19.1667	After	Interior Girder 2	19.1667	0.95	1	1	1.596344
HS20_str_inv	BOBJ1	19.1667	After	Interior Girder 3	19.1667	0.95	1	1	1.583906
HS20_str_inv	BOBJ1	19.1667	After	Interior Girder 4	19.1667	0.95	1	1	1.592119
HS20_str_inv	BOBJ1	19.1667	After	Interior Girder 5	19.1667	0.95	1	1	1.499236

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelINonCompStrgth-Flx - Main Span Stringers									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
HS20_str_inv	BOBJ1	19.1667	After	Right Exterior Girder	19.1667	0.95	1	1	2.734749
HS20_str_inv	BOBJ1	21.0833	Before	Left Exterior Girder	21.0833	0.95	1	1	4.905084
HS20_str_inv	BOBJ1	21.0833	Before	Interior Girder 1	21.0833	0.95	1	1	2.738084
HS20_str_inv	BOBJ1	21.0833	Before	Interior Girder 2	21.0833	0.95	1	1	2.943145
HS20_str_inv	BOBJ1	21.0833	Before	Interior Girder 3	21.0833	0.95	1	1	2.926409
HS20_str_inv	BOBJ1	21.0833	Before	Interior Girder 4	21.0833	0.95	1	1	2.936963
HS20_str_inv	BOBJ1	21.0833	Before	Interior Girder 5	21.0833	0.95	1	1	2.760847
HS20_str_inv	BOBJ1	21.0833	Before	Right Exterior Girder	21.0833	0.95	1	1	4.905084
HS20_str_inv	BOBJ1	21.0833	After	Left Exterior Girder	21.0833	0.95	1	1	4.89554
HS20_str_inv	BOBJ1	21.0833	After	Interior Girder 1	21.0833	0.95	1	1	2.64427
HS20_str_inv	BOBJ1	21.0833	After	Interior Girder 2	21.0833	0.95	1	1	2.877735
HS20_str_inv	BOBJ1	21.0833	After	Interior Girder 3	21.0833	0.95	1	1	2.866905
HS20_str_inv	BOBJ1	21.0833	After	Interior Girder 4	21.0833	0.95	1	1	2.871328
HS20_str_inv	BOBJ1	21.0833	After	Interior Girder 5	21.0833	0.95	1	1	2.667866
HS20_str_inv	BOBJ1	21.0833	After	Right Exterior Girder	21.0833	0.95	1	1	4.89554
HS20_str_inv	BOBJ1	23	Before	Left Exterior Girder	23	0.95	1	1	133.274251
HS20_str_inv	BOBJ1	23	Before	Interior Girder 1	23	0.95	1	1	55.35608
HS20_str_inv	BOBJ1	23	Before	Interior Girder 2	23	0.95	1	1	62.042919
HS20_str_inv	BOBJ1	23	Before	Interior Girder 3	23	0.95	1	1	67.098006
HS20_str_inv	BOBJ1	23	Before	Interior Girder 4	23	0.95	1	1	61.349777
HS20_str_inv	BOBJ1	23	Before	Interior Girder 5	23	0.95	1	1	55.356084
HS20_str_inv	BOBJ1	23	Before	Right Exterior Girder	23	0.95	1	1	134.481632
HS15_str_opr	BOBJ1	0	After	Left Exterior Girder	0	0.95	1	1	230.268734
HS15_str_opr	BOBJ1	0	After	Interior Girder 1	0	0.95	1	1	99.771157
HS15_str_opr	BOBJ1	0	After	Interior Girder 2	0	0.95	1	1	110.448824
HS15_str_opr	BOBJ1	0	After	Interior Girder 3	0	0.95	1	1	119.654911
HS15_str_opr	BOBJ1	0	After	Interior Girder 4	0	0.95	1	1	109.187662
HS15_str_opr	BOBJ1	0	After	Interior Girder 5	0	0.95	1	1	99.771185
HS15_str_opr	BOBJ1	0	After	Right Exterior Girder	0	0.95	1	1	232.354854
HS15_str_opr	BOBJ1	1.9167	Before	Left Exterior Girder	1.9167	0.95	1	1	8.457114
HS15_str_opr	BOBJ1	1.9167	Before	Interior Girder 1	1.9167	0.95	1	1	4.563433
HS15_str_opr	BOBJ1	1.9167	Before	Interior Girder 2	1.9167	0.95	1	1	4.968869
HS15_str_opr	BOBJ1	1.9167	Before	Interior Girder 3	1.9167	0.95	1	1	4.950144
HS15_str_opr	BOBJ1	1.9167	Before	Interior Girder 4	1.9167	0.95	1	1	4.957806
HS15_str_opr	BOBJ1	1.9167	Before	Interior Girder 5	1.9167	0.95	1	1	4.604155
HS15_str_opr	BOBJ1	1.9167	Before	Right Exterior Girder	1.9167	0.95	1	1	8.457113
HS15_str_opr	BOBJ1	1.9167	After	Left Exterior Girder	1.9167	0.95	1	1	8.473626
HS15_str_opr	BOBJ1	1.9167	After	Interior Girder 1	1.9167	0.95	1	1	4.72534
HS15_str_opr	BOBJ1	1.9167	After	Interior Girder 2	1.9167	0.95	1	1	5.081784
HS15_str_opr	BOBJ1	1.9167	After	Interior Girder 3	1.9167	0.95	1	1	5.052904
HS15_str_opr	BOBJ1	1.9167	After	Interior Girder 4	1.9167	0.95	1	1	5.071109
HS15_str_opr	BOBJ1	1.9167	After	Interior Girder 5	1.9167	0.95	1	1	4.764624
HS15_str_opr	BOBJ1	1.9167	After	Right Exterior Girder	1.9167	0.95	1	1	8.473626
HS15_str_opr	BOBJ1	3.8333	Before	Left Exterior Girder	3.8333	0.95	1	1	4.724701
HS15_str_opr	BOBJ1	3.8333	Before	Interior Girder 1	3.8333	0.95	1	1	2.567943
HS15_str_opr	BOBJ1	3.8333	Before	Interior Girder 2	3.8333	0.95	1	1	2.756756
HS15_str_opr	BOBJ1	3.8333	Before	Interior Girder 3	3.8333	0.95	1	1	2.735318
HS15_str_opr	BOBJ1	3.8333	Before	Interior Girder 4	3.8333	0.95	1	1	2.749459
HS15_str_opr	BOBJ1	3.8333	Before	Interior Girder 5	3.8333	0.95	1	1	2.58798
HS15_str_opr	BOBJ1	3.8333	Before	Right Exterior Girder	3.8333	0.95	1	1	4.724701
HS15_str_opr	BOBJ1	3.8333	After	Left Exterior Girder	3.8333	0.95	1	1	4.725834
HS15_str_opr	BOBJ1	3.8333	After	Interior Girder 1	3.8333	0.95	1	1	2.613621
HS15_str_opr	BOBJ1	3.8333	After	Interior Girder 2	3.8333	0.95	1	1	2.780985
HS15_str_opr	BOBJ1	3.8333	After	Interior Girder 3	3.8333	0.95	1	1	2.760942
HS15_str_opr	BOBJ1	3.8333	After	Interior Girder 4	3.8333	0.95	1	1	2.773791
HS15_str_opr	BOBJ1	3.8333	After	Interior Girder 5	3.8333	0.95	1	1	2.633075
HS15_str_opr	BOBJ1	3.8333	After	Right Exterior Girder	3.8333	0.95	1	1	4.725834
HS15_str_opr	BOBJ1	5.75	Before	Left Exterior Girder	5.75	0.95	1	1	3.632718
HS15_str_opr	BOBJ1	5.75	Before	Interior Girder 1	5.75	0.95	1	1	1.971029
HS15_str_opr	BOBJ1	5.75	Before	Interior Girder 2	5.75	0.95	1	1	2.093182
HS15_str_opr	BOBJ1	5.75	Before	Interior Girder 3	5.75	0.95	1	1	2.075457
HS15_str_opr	BOBJ1	5.75	Before	Interior Girder 4	5.75	0.95	1	1	2.087068
HS15_str_opr	BOBJ1	5.75	Before	Interior Girder 5	5.75	0.95	1	1	1.985011
HS15_str_opr	BOBJ1	5.75	Before	Right Exterior Girder	5.75	0.95	1	1	3.632718
HS15_str_opr	BOBJ1	5.75	After	Left Exterior Girder	5.75	0.95	1	1	3.634446

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelINonCompStrgth-Flx - Main Span Stringers									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
HS15_str_opr	BOBJ1	5.75	After	Interior Girder 1	5.75	0.95	1	1	1.991765
HS15_str_opr	BOBJ1	5.75	After	Interior Girder 2	5.75	0.95	1	1	2.104594
HS15_str_opr	BOBJ1	5.75	After	Interior Girder 3	5.75	0.95	1	1	2.087693
HS15_str_opr	BOBJ1	5.75	After	Interior Girder 4	5.75	0.95	1	1	2.098542
HS15_str_opr	BOBJ1	5.75	After	Interior Girder 5	5.75	0.95	1	1	2.005488
HS15_str_opr	BOBJ1	5.75	After	Right Exterior Girder	5.75	0.95	1	1	3.634445
HS15_str_opr	BOBJ1	7.6667	Before	Left Exterior Girder	7.6667	0.95	1	1	3.282629
HS15_str_opr	BOBJ1	7.6667	Before	Interior Girder 1	7.6667	0.95	1	1	1.767715
HS15_str_opr	BOBJ1	7.6667	Before	Interior Girder 2	7.6667	0.95	1	1	1.867829
HS15_str_opr	BOBJ1	7.6667	Before	Interior Girder 3	7.6667	0.95	1	1	1.851221
HS15_str_opr	BOBJ1	7.6667	Before	Interior Girder 4	7.6667	0.95	1	1	1.861973
HS15_str_opr	BOBJ1	7.6667	Before	Interior Girder 5	7.6667	0.95	1	1	1.779491
HS15_str_opr	BOBJ1	7.6667	Before	Right Exterior Girder	7.6667	0.95	1	1	3.282629
HS15_str_opr	BOBJ1	7.6667	After	Left Exterior Girder	7.6667	0.95	1	1	3.284138
HS15_str_opr	BOBJ1	7.6667	After	Interior Girder 1	7.6667	0.95	1	1	1.777977
HS15_str_opr	BOBJ1	7.6667	After	Interior Girder 2	7.6667	0.95	1	1	1.873578
HS15_str_opr	BOBJ1	7.6667	After	Interior Girder 3	7.6667	0.95	1	1	1.85742
HS15_str_opr	BOBJ1	7.6667	After	Interior Girder 4	7.6667	0.95	1	1	1.867755
HS15_str_opr	BOBJ1	7.6667	After	Interior Girder 5	7.6667	0.95	1	1	1.78965
HS15_str_opr	BOBJ1	7.6667	After	Right Exterior Girder	7.6667	0.95	1	1	3.284138
HS15_str_opr	BOBJ1	9.5833	Before	Left Exterior Girder	9.5833	0.95	1	1	3.218007
HS15_str_opr	BOBJ1	9.5833	Before	Interior Girder 1	9.5833	0.95	1	1	1.73584
HS15_str_opr	BOBJ1	9.5833	Before	Interior Girder 2	9.5833	0.95	1	1	1.8284
HS15_str_opr	BOBJ1	9.5833	Before	Interior Girder 3	9.5833	0.95	1	1	1.813098
HS15_str_opr	BOBJ1	9.5833	Before	Interior Girder 4	9.5833	0.95	1	1	1.823082
HS15_str_opr	BOBJ1	9.5833	Before	Interior Girder 5	9.5833	0.95	1	1	1.747483
HS15_str_opr	BOBJ1	9.5833	Before	Right Exterior Girder	9.5833	0.95	1	1	3.218007
HS15_str_opr	BOBJ1	9.5833	After	Left Exterior Girder	9.5833	0.95	1	1	3.218994
HS15_str_opr	BOBJ1	9.5833	After	Interior Girder 1	9.5833	0.95	1	1	1.739671
HS15_str_opr	BOBJ1	9.5833	After	Interior Girder 2	9.5833	0.95	1	1	1.830673
HS15_str_opr	BOBJ1	9.5833	After	Interior Girder 3	9.5833	0.95	1	1	1.81556
HS15_str_opr	BOBJ1	9.5833	After	Interior Girder 4	9.5833	0.95	1	1	1.825365
HS15_str_opr	BOBJ1	9.5833	After	Interior Girder 5	9.5833	0.95	1	1	1.751285
HS15_str_opr	BOBJ1	9.5833	After	Right Exterior Girder	9.5833	0.95	1	1	3.218994
HS15_str_opr	BOBJ1	11.5	Before	Left Exterior Girder	11.5	0.95	1	1	3.115852
HS15_str_opr	BOBJ1	11.5	Before	Interior Girder 1	11.5	0.95	1	1	1.683871
HS15_str_opr	BOBJ1	11.5	Before	Interior Girder 2	11.5	0.95	1	1	1.768587
HS15_str_opr	BOBJ1	11.5	Before	Interior Girder 3	11.5	0.95	1	1	1.753827
HS15_str_opr	BOBJ1	11.5	Before	Interior Girder 4	11.5	0.95	1	1	1.763401
HS15_str_opr	BOBJ1	11.5	Before	Interior Girder 5	11.5	0.95	1	1	1.694901
HS15_str_opr	BOBJ1	11.5	Before	Right Exterior Girder	11.5	0.95	1	1	3.115852
HS15_str_opr	BOBJ1	11.5	After	Left Exterior Girder	11.5	0.95	1	1	3.115869
HS15_str_opr	BOBJ1	11.5	After	Interior Girder 1	11.5	0.95	1	1	1.683855
HS15_str_opr	BOBJ1	11.5	After	Interior Girder 2	11.5	0.95	1	1	1.768595
HS15_str_opr	BOBJ1	11.5	After	Interior Girder 3	11.5	0.95	1	1	1.753824
HS15_str_opr	BOBJ1	11.5	After	Interior Girder 4	11.5	0.95	1	1	1.763409
HS15_str_opr	BOBJ1	11.5	After	Interior Girder 5	11.5	0.95	1	1	1.694884
HS15_str_opr	BOBJ1	11.5	After	Right Exterior Girder	11.5	0.95	1	1	3.115869
HS15_str_opr	BOBJ1	13.4167	Before	Left Exterior Girder	13.4167	0.95	1	1	3.21939
HS15_str_opr	BOBJ1	13.4167	Before	Interior Girder 1	13.4167	0.95	1	1	1.740256
HS15_str_opr	BOBJ1	13.4167	Before	Interior Girder 2	13.4167	0.95	1	1	1.831111
HS15_str_opr	BOBJ1	13.4167	Before	Interior Girder 3	13.4167	0.95	1	1	1.815982
HS15_str_opr	BOBJ1	13.4167	Before	Interior Girder 4	13.4167	0.95	1	1	1.825802
HS15_str_opr	BOBJ1	13.4167	Before	Interior Girder 5	13.4167	0.95	1	1	1.751874
HS15_str_opr	BOBJ1	13.4167	Before	Right Exterior Girder	13.4167	0.95	1	1	3.21939
HS15_str_opr	BOBJ1	13.4167	After	Left Exterior Girder	13.4167	0.95	1	1	3.218437
HS15_str_opr	BOBJ1	13.4167	After	Interior Girder 1	13.4167	0.95	1	1	1.736392
HS15_str_opr	BOBJ1	13.4167	After	Interior Girder 2	13.4167	0.95	1	1	1.828853
HS15_str_opr	BOBJ1	13.4167	After	Interior Girder 3	13.4167	0.95	1	1	1.813515
HS15_str_opr	BOBJ1	13.4167	After	Interior Girder 4	13.4167	0.95	1	1	1.823534
HS15_str_opr	BOBJ1	13.4167	After	Interior Girder 5	13.4167	0.95	1	1	1.748039
HS15_str_opr	BOBJ1	13.4167	After	Right Exterior Girder	13.4167	0.95	1	1	3.218437
HS15_str_opr	BOBJ1	15.3333	Before	Left Exterior Girder	15.3333	0.95	1	1	3.28494
HS15_str_opr	BOBJ1	15.3333	Before	Interior Girder 1	15.3333	0.95	1	1	1.779146
HS15_str_opr	BOBJ1	15.3333	Before	Interior Girder 2	15.3333	0.95	1	1	1.87446

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelINonCompStrgth-Flx - Main Span Stringers									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
HS15_str_opr	BOBJ1	15.3333	Before	Interior Girder 3	15.3333	0.95	1	1	1.858263
HS15_str_opr	BOBJ1	15.3333	Before	Interior Girder 4	15.3333	0.95	1	1	1.868635
HS15_str_opr	BOBJ1	15.3333	Before	Interior Girder 5	15.3333	0.95	1	1	1.790826
HS15_str_opr	BOBJ1	15.3333	Before	Right Exterior Girder	15.3333	0.95	1	1	3.28494
HS15_str_opr	BOBJ1	15.3333	After	Left Exterior Girder	15.3333	0.95	1	1	3.283458
HS15_str_opr	BOBJ1	15.3333	After	Interior Girder 1	15.3333	0.95	1	1	1.768849
HS15_str_opr	BOBJ1	15.3333	After	Interior Girder 2	15.3333	0.95	1	1	1.868723
HS15_str_opr	BOBJ1	15.3333	After	Interior Girder 3	15.3333	0.95	1	1	1.852058
HS15_str_opr	BOBJ1	15.3333	After	Interior Girder 4	15.3333	0.95	1	1	1.862864
HS15_str_opr	BOBJ1	15.3333	After	Interior Girder 5	15.3333	0.95	1	1	1.780632
HS15_str_opr	BOBJ1	15.3333	After	Right Exterior Girder	15.3333	0.95	1	1	3.283458
HS15_str_opr	BOBJ1	17.25	Before	Left Exterior Girder	17.25	0.95	1	1	3.635723
HS15_str_opr	BOBJ1	17.25	Before	Interior Girder 1	17.25	0.95	1	1	1.993687
HS15_str_opr	BOBJ1	17.25	Before	Interior Girder 2	17.25	0.95	1	1	2.106026
HS15_str_opr	BOBJ1	17.25	Before	Interior Girder 3	17.25	0.95	1	1	2.089068
HS15_str_opr	BOBJ1	17.25	Before	Interior Girder 4	17.25	0.95	1	1	2.099969
HS15_str_opr	BOBJ1	17.25	Before	Interior Girder 5	17.25	0.95	1	1	2.007424
HS15_str_opr	BOBJ1	17.25	Before	Right Exterior Girder	17.25	0.95	1	1	3.635723
HS15_str_opr	BOBJ1	17.25	After	Left Exterior Girder	17.25	0.95	1	1	3.634012
HS15_str_opr	BOBJ1	17.25	After	Interior Girder 1	17.25	0.95	1	1	1.972913
HS15_str_opr	BOBJ1	17.25	After	Interior Girder 2	17.25	0.95	1	1	2.094615
HS15_str_opr	BOBJ1	17.25	After	Interior Girder 3	17.25	0.95	1	1	2.076825
HS15_str_opr	BOBJ1	17.25	After	Interior Girder 4	17.25	0.95	1	1	2.088497
HS15_str_opr	BOBJ1	17.25	After	Interior Girder 5	17.25	0.95	1	1	1.986908
HS15_str_opr	BOBJ1	17.25	After	Right Exterior Girder	17.25	0.95	1	1	3.634012
HS15_str_opr	BOBJ1	19.1667	Before	Left Exterior Girder	19.1667	0.95	1	1	4.727866
HS15_str_opr	BOBJ1	19.1667	Before	Interior Girder 1	19.1667	0.95	1	1	2.616946
HS15_str_opr	BOBJ1	19.1667	Before	Interior Girder 2	19.1667	0.95	1	1	2.783363
HS15_str_opr	BOBJ1	19.1667	Before	Interior Girder 3	19.1667	0.95	1	1	2.763255
HS15_str_opr	BOBJ1	19.1667	Before	Interior Girder 4	19.1667	0.95	1	1	2.776163
HS15_str_opr	BOBJ1	19.1667	Before	Interior Girder 5	19.1667	0.95	1	1	2.636424
HS15_str_opr	BOBJ1	19.1667	Before	Right Exterior Girder	19.1667	0.95	1	1	4.727866
HS15_str_opr	BOBJ1	19.1667	After	Left Exterior Girder	19.1667	0.95	1	1	4.726727
HS15_str_opr	BOBJ1	19.1667	After	Interior Girder 1	19.1667	0.95	1	1	2.57121
HS15_str_opr	BOBJ1	19.1667	After	Interior Girder 2	19.1667	0.95	1	1	2.759113
HS15_str_opr	BOBJ1	19.1667	After	Interior Girder 3	19.1667	0.95	1	1	2.737616
HS15_str_opr	BOBJ1	19.1667	After	Interior Girder 4	19.1667	0.95	1	1	2.75181
HS15_str_opr	BOBJ1	19.1667	After	Interior Girder 5	19.1667	0.95	1	1	2.591272
HS15_str_opr	BOBJ1	19.1667	After	Right Exterior Girder	19.1667	0.95	1	1	4.726727
HS15_str_opr	BOBJ1	21.0833	Before	Left Exterior Girder	21.0833	0.95	1	1	8.477924
HS15_str_opr	BOBJ1	21.0833	Before	Interior Girder 1	21.0833	0.95	1	1	4.732491
HS15_str_opr	BOBJ1	21.0833	Before	Interior Girder 2	21.0833	0.95	1	1	5.086918
HS15_str_opr	BOBJ1	21.0833	Before	Interior Girder 3	21.0833	0.95	1	1	5.057991
HS15_str_opr	BOBJ1	21.0833	Before	Interior Girder 4	21.0833	0.95	1	1	5.076232
HS15_str_opr	BOBJ1	21.0833	Before	Interior Girder 5	21.0833	0.95	1	1	4.771835
HS15_str_opr	BOBJ1	21.0833	Before	Right Exterior Girder	21.0833	0.95	1	1	8.477924
HS15_str_opr	BOBJ1	21.0833	After	Left Exterior Girder	21.0833	0.95	1	1	8.461428
HS15_str_opr	BOBJ1	21.0833	After	Interior Girder 1	21.0833	0.95	1	1	4.570344
HS15_str_opr	BOBJ1	21.0833	After	Interior Girder 2	21.0833	0.95	1	1	4.973863
HS15_str_opr	BOBJ1	21.0833	After	Interior Girder 3	21.0833	0.95	1	1	4.955144
HS15_str_opr	BOBJ1	21.0833	After	Interior Girder 4	21.0833	0.95	1	1	4.96279
HS15_str_opr	BOBJ1	21.0833	After	Interior Girder 5	21.0833	0.95	1	1	4.611127
HS15_str_opr	BOBJ1	21.0833	After	Right Exterior Girder	21.0833	0.95	1	1	8.461428
HS15_str_opr	BOBJ1	23	Before	Left Exterior Girder	23	0.95	1	1	230.350557
HS15_str_opr	BOBJ1	23	Before	Interior Girder 1	23	0.95	1	1	99.467001
HS15_str_opr	BOBJ1	23	Before	Interior Girder 2	23	0.95	1	1	110.275762
HS15_str_opr	BOBJ1	23	Before	Interior Girder 3	23	0.95	1	1	119.467025
HS15_str_opr	BOBJ1	23	Before	Interior Girder 4	23	0.95	1	1	109.016459
HS15_str_opr	BOBJ1	23	Before	Interior Girder 5	23	0.95	1	1	99.467011
HS15_str_opr	BOBJ1	23	Before	Right Exterior Girder	23	0.95	1	1	232.437389
HS15_str_inv	BOBJ1	0	After	Left Exterior Girder	0	0.95	1	1	177.63588
HS15_str_inv	BOBJ1	0	After	Interior Girder 1	0	0.95	1	1	75.442004
HS15_str_inv	BOBJ1	0	After	Interior Girder 2	0	0.95	1	1	83.949096
HS15_str_inv	BOBJ1	0	After	Interior Girder 3	0	0.95	1	1	90.867022
HS15_str_inv	BOBJ1	0	After	Interior Girder 4	0	0.95	1	1	83.001258

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelINonCompStrgth-Flx - Main Span Stringers									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
HS15_str_inv	BOBJ1	0	After	Interior Girder 5	0	0.95	1	1	75.442024
HS15_str_inv	BOBJ1	0	After	Right Exterior Girder	0	0.95	1	1	179.245173
HS15_str_inv	BOBJ1	1.9167	Before	Left Exterior Girder	1.9167	0.95	1	1	6.524059
HS15_str_inv	BOBJ1	1.9167	Before	Interior Girder 1	1.9167	0.95	1	1	3.520363
HS15_str_inv	BOBJ1	1.9167	Before	Interior Girder 2	1.9167	0.95	1	1	3.833127
HS15_str_inv	BOBJ1	1.9167	Before	Interior Girder 3	1.9167	0.95	1	1	3.818682
HS15_str_inv	BOBJ1	1.9167	Before	Interior Girder 4	1.9167	0.95	1	1	3.824593
HS15_str_inv	BOBJ1	1.9167	Before	Interior Girder 5	1.9167	0.95	1	1	3.551777
HS15_str_inv	BOBJ1	1.9167	Before	Right Exterior Girder	1.9167	0.95	1	1	6.524059
HS15_str_inv	BOBJ1	1.9167	After	Left Exterior Girder	1.9167	0.95	1	1	6.536797
HS15_str_inv	BOBJ1	1.9167	After	Interior Girder 1	1.9167	0.95	1	1	3.645262
HS15_str_inv	BOBJ1	1.9167	After	Interior Girder 2	1.9167	0.95	1	1	3.920233
HS15_str_inv	BOBJ1	1.9167	After	Interior Girder 3	1.9167	0.95	1	1	3.897954
HS15_str_inv	BOBJ1	1.9167	After	Interior Girder 4	1.9167	0.95	1	1	3.911998
HS15_str_inv	BOBJ1	1.9167	After	Interior Girder 5	1.9167	0.95	1	1	3.675567
HS15_str_inv	BOBJ1	1.9167	After	Right Exterior Girder	1.9167	0.95	1	1	6.536797
HS15_str_inv	BOBJ1	3.8333	Before	Left Exterior Girder	3.8333	0.95	1	1	3.644769
HS15_str_inv	BOBJ1	3.8333	Before	Interior Girder 1	3.8333	0.95	1	1	1.980985
HS15_str_inv	BOBJ1	3.8333	Before	Interior Girder 2	3.8333	0.95	1	1	2.12664
HS15_str_inv	BOBJ1	3.8333	Before	Interior Girder 3	3.8333	0.95	1	1	2.110102
HS15_str_inv	BOBJ1	3.8333	Before	Interior Girder 4	3.8333	0.95	1	1	2.121012
HS15_str_inv	BOBJ1	3.8333	Before	Interior Girder 5	3.8333	0.95	1	1	1.996441
HS15_str_inv	BOBJ1	3.8333	Before	Right Exterior Girder	3.8333	0.95	1	1	3.644769
HS15_str_inv	BOBJ1	3.8333	After	Left Exterior Girder	3.8333	0.95	1	1	3.645643
HS15_str_inv	BOBJ1	3.8333	After	Interior Girder 1	3.8333	0.95	1	1	2.016222
HS15_str_inv	BOBJ1	3.8333	After	Interior Girder 2	3.8333	0.95	1	1	2.145331
HS15_str_inv	BOBJ1	3.8333	After	Interior Girder 3	3.8333	0.95	1	1	2.12987
HS15_str_inv	BOBJ1	3.8333	After	Interior Girder 4	3.8333	0.95	1	1	2.139782
HS15_str_inv	BOBJ1	3.8333	After	Interior Girder 5	3.8333	0.95	1	1	2.031229
HS15_str_inv	BOBJ1	3.8333	After	Right Exterior Girder	3.8333	0.95	1	1	3.645643
HS15_str_inv	BOBJ1	5.75	Before	Left Exterior Girder	5.75	0.95	1	1	2.802383
HS15_str_inv	BOBJ1	5.75	Before	Interior Girder 1	5.75	0.95	1	1	1.520508
HS15_str_inv	BOBJ1	5.75	Before	Interior Girder 2	5.75	0.95	1	1	1.614741
HS15_str_inv	BOBJ1	5.75	Before	Interior Girder 3	5.75	0.95	1	1	1.601067
HS15_str_inv	BOBJ1	5.75	Before	Interior Girder 4	5.75	0.95	1	1	1.610024
HS15_str_inv	BOBJ1	5.75	Before	Interior Girder 5	5.75	0.95	1	1	1.531294
HS15_str_inv	BOBJ1	5.75	Before	Right Exterior Girder	5.75	0.95	1	1	2.802382
HS15_str_inv	BOBJ1	5.75	After	Left Exterior Girder	5.75	0.95	1	1	2.803715
HS15_str_inv	BOBJ1	5.75	After	Interior Girder 1	5.75	0.95	1	1	1.536505
HS15_str_inv	BOBJ1	5.75	After	Interior Girder 2	5.75	0.95	1	1	1.623544
HS15_str_inv	BOBJ1	5.75	After	Interior Girder 3	5.75	0.95	1	1	1.610506
HS15_str_inv	BOBJ1	5.75	After	Interior Girder 4	5.75	0.95	1	1	1.618875
HS15_str_inv	BOBJ1	5.75	After	Interior Girder 5	5.75	0.95	1	1	1.547091
HS15_str_inv	BOBJ1	5.75	After	Right Exterior Girder	5.75	0.95	1	1	2.803715
HS15_str_inv	BOBJ1	7.6667	Before	Left Exterior Girder	7.6667	0.95	1	1	2.532313
HS15_str_inv	BOBJ1	7.6667	Before	Interior Girder 1	7.6667	0.95	1	1	1.363666
HS15_str_inv	BOBJ1	7.6667	Before	Interior Girder 2	7.6667	0.95	1	1	1.440897
HS15_str_inv	BOBJ1	7.6667	Before	Interior Girder 3	7.6667	0.95	1	1	1.428085
HS15_str_inv	BOBJ1	7.6667	Before	Interior Girder 4	7.6667	0.95	1	1	1.436379
HS15_str_inv	BOBJ1	7.6667	Before	Interior Girder 5	7.6667	0.95	1	1	1.37275
HS15_str_inv	BOBJ1	7.6667	Before	Right Exterior Girder	7.6667	0.95	1	1	2.532313
HS15_str_inv	BOBJ1	7.6667	After	Left Exterior Girder	7.6667	0.95	1	1	2.533478
HS15_str_inv	BOBJ1	7.6667	After	Interior Girder 1	7.6667	0.95	1	1	1.371582
HS15_str_inv	BOBJ1	7.6667	After	Interior Girder 2	7.6667	0.95	1	1	1.445332
HS15_str_inv	BOBJ1	7.6667	After	Interior Girder 3	7.6667	0.95	1	1	1.432867
HS15_str_inv	BOBJ1	7.6667	After	Interior Girder 4	7.6667	0.95	1	1	1.44084
HS15_str_inv	BOBJ1	7.6667	After	Interior Girder 5	7.6667	0.95	1	1	1.380587
HS15_str_inv	BOBJ1	7.6667	After	Right Exterior Girder	7.6667	0.95	1	1	2.533478
HS15_str_inv	BOBJ1	9.5833	Before	Left Exterior Girder	9.5833	0.95	1	1	2.482463
HS15_str_inv	BOBJ1	9.5833	Before	Interior Girder 1	9.5833	0.95	1	1	1.339077
HS15_str_inv	BOBJ1	9.5833	Before	Interior Girder 2	9.5833	0.95	1	1	1.41048
HS15_str_inv	BOBJ1	9.5833	Before	Interior Girder 3	9.5833	0.95	1	1	1.398676
HS15_str_inv	BOBJ1	9.5833	Before	Interior Girder 4	9.5833	0.95	1	1	1.406378
HS15_str_inv	BOBJ1	9.5833	Before	Interior Girder 5	9.5833	0.95	1	1	1.348058
HS15_str_inv	BOBJ1	9.5833	Before	Right Exterior Girder	9.5833	0.95	1	1	2.482463

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelINonCompStrgth-Flx - Main Span Stringers									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
HS15_str_inv	BOBJ1	9.5833	After	Left Exterior Girder	9.5833	0.95	1	1	2.483224
HS15_str_inv	BOBJ1	9.5833	After	Interior Girder 1	9.5833	0.95	1	1	1.342032
HS15_str_inv	BOBJ1	9.5833	After	Interior Girder 2	9.5833	0.95	1	1	1.412233
HS15_str_inv	BOBJ1	9.5833	After	Interior Girder 3	9.5833	0.95	1	1	1.400575
HS15_str_inv	BOBJ1	9.5833	After	Interior Girder 4	9.5833	0.95	1	1	1.408139
HS15_str_inv	BOBJ1	9.5833	After	Interior Girder 5	9.5833	0.95	1	1	1.350991
HS15_str_inv	BOBJ1	9.5833	After	Right Exterior Girder	9.5833	0.95	1	1	2.483224
HS15_str_inv	BOBJ1	11.5	Before	Left Exterior Girder	11.5	0.95	1	1	2.403657
HS15_str_inv	BOBJ1	11.5	Before	Interior Girder 1	11.5	0.95	1	1	1.298986
HS15_str_inv	BOBJ1	11.5	Before	Interior Girder 2	11.5	0.95	1	1	1.364339
HS15_str_inv	BOBJ1	11.5	Before	Interior Girder 3	11.5	0.95	1	1	1.352952
HS15_str_inv	BOBJ1	11.5	Before	Interior Girder 4	11.5	0.95	1	1	1.360338
HS15_str_inv	BOBJ1	11.5	Before	Interior Girder 5	11.5	0.95	1	1	1.307495
HS15_str_inv	BOBJ1	11.5	Before	Right Exterior Girder	11.5	0.95	1	1	2.403657
HS15_str_inv	BOBJ1	11.5	After	Left Exterior Girder	11.5	0.95	1	1	2.40367
HS15_str_inv	BOBJ1	11.5	After	Interior Girder 1	11.5	0.95	1	1	1.298974
HS15_str_inv	BOBJ1	11.5	After	Interior Girder 2	11.5	0.95	1	1	1.364345
HS15_str_inv	BOBJ1	11.5	After	Interior Girder 3	11.5	0.95	1	1	1.35295
HS15_str_inv	BOBJ1	11.5	After	Interior Girder 4	11.5	0.95	1	1	1.360344
HS15_str_inv	BOBJ1	11.5	After	Interior Girder 5	11.5	0.95	1	1	1.307482
HS15_str_inv	BOBJ1	11.5	After	Right Exterior Girder	11.5	0.95	1	1	2.40367
HS15_str_inv	BOBJ1	13.4167	Before	Left Exterior Girder	13.4167	0.95	1	1	2.483529
HS15_str_inv	BOBJ1	13.4167	Before	Interior Girder 1	13.4167	0.95	1	1	1.342484
HS15_str_inv	BOBJ1	13.4167	Before	Interior Girder 2	13.4167	0.95	1	1	1.412571
HS15_str_inv	BOBJ1	13.4167	Before	Interior Girder 3	13.4167	0.95	1	1	1.4009
HS15_str_inv	BOBJ1	13.4167	Before	Interior Girder 4	13.4167	0.95	1	1	1.408476
HS15_str_inv	BOBJ1	13.4167	Before	Interior Girder 5	13.4167	0.95	1	1	1.351446
HS15_str_inv	BOBJ1	13.4167	Before	Right Exterior Girder	13.4167	0.95	1	1	2.483529
HS15_str_inv	BOBJ1	13.4167	After	Left Exterior Girder	13.4167	0.95	1	1	2.482794
HS15_str_inv	BOBJ1	13.4167	After	Interior Girder 1	13.4167	0.95	1	1	1.339502
HS15_str_inv	BOBJ1	13.4167	After	Interior Girder 2	13.4167	0.95	1	1	1.410829
HS15_str_inv	BOBJ1	13.4167	After	Interior Girder 3	13.4167	0.95	1	1	1.398997
HS15_str_inv	BOBJ1	13.4167	After	Interior Girder 4	13.4167	0.95	1	1	1.406726
HS15_str_inv	BOBJ1	13.4167	After	Interior Girder 5	13.4167	0.95	1	1	1.348487
HS15_str_inv	BOBJ1	13.4167	After	Right Exterior Girder	13.4167	0.95	1	1	2.482794
HS15_str_inv	BOBJ1	15.3333	Before	Left Exterior Girder	15.3333	0.95	1	1	2.534096
HS15_str_inv	BOBJ1	15.3333	Before	Interior Girder 1	15.3333	0.95	1	1	1.372484
HS15_str_inv	BOBJ1	15.3333	Before	Interior Girder 2	15.3333	0.95	1	1	1.446012
HS15_str_inv	BOBJ1	15.3333	Before	Interior Girder 3	15.3333	0.95	1	1	1.433517
HS15_str_inv	BOBJ1	15.3333	Before	Interior Girder 4	15.3333	0.95	1	1	1.441518
HS15_str_inv	BOBJ1	15.3333	Before	Interior Girder 5	15.3333	0.95	1	1	1.381495
HS15_str_inv	BOBJ1	15.3333	Before	Right Exterior Girder	15.3333	0.95	1	1	2.534096
HS15_str_inv	BOBJ1	15.3333	After	Left Exterior Girder	15.3333	0.95	1	1	2.532954
HS15_str_inv	BOBJ1	15.3333	After	Interior Girder 1	15.3333	0.95	1	1	1.364541
HS15_str_inv	BOBJ1	15.3333	After	Interior Girder 2	15.3333	0.95	1	1	1.441586
HS15_str_inv	BOBJ1	15.3333	After	Interior Girder 3	15.3333	0.95	1	1	1.42873
HS15_str_inv	BOBJ1	15.3333	After	Interior Girder 4	15.3333	0.95	1	1	1.437066
HS15_str_inv	BOBJ1	15.3333	After	Interior Girder 5	15.3333	0.95	1	1	1.373631
HS15_str_inv	BOBJ1	15.3333	After	Right Exterior Girder	15.3333	0.95	1	1	2.532954
HS15_str_inv	BOBJ1	17.25	Before	Left Exterior Girder	17.25	0.95	1	1	2.8047
HS15_str_inv	BOBJ1	17.25	Before	Interior Girder 1	17.25	0.95	1	1	1.537987
HS15_str_inv	BOBJ1	17.25	Before	Interior Girder 2	17.25	0.95	1	1	1.624649
HS15_str_inv	BOBJ1	17.25	Before	Interior Girder 3	17.25	0.95	1	1	1.611567
HS15_str_inv	BOBJ1	17.25	Before	Interior Girder 4	17.25	0.95	1	1	1.619976
HS15_str_inv	BOBJ1	17.25	Before	Interior Girder 5	17.25	0.95	1	1	1.548584
HS15_str_inv	BOBJ1	17.25	Before	Right Exterior Girder	17.25	0.95	1	1	2.8047
HS15_str_inv	BOBJ1	17.25	After	Left Exterior Girder	17.25	0.95	1	1	2.803381
HS15_str_inv	BOBJ1	17.25	After	Interior Girder 1	17.25	0.95	1	1	1.521961
HS15_str_inv	BOBJ1	17.25	After	Interior Girder 2	17.25	0.95	1	1	1.615846
HS15_str_inv	BOBJ1	17.25	After	Interior Girder 3	17.25	0.95	1	1	1.602122
HS15_str_inv	BOBJ1	17.25	After	Interior Girder 4	17.25	0.95	1	1	1.611126
HS15_str_inv	BOBJ1	17.25	After	Interior Girder 5	17.25	0.95	1	1	1.532757
HS15_str_inv	BOBJ1	17.25	After	Right Exterior Girder	17.25	0.95	1	1	2.80338
HS15_str_inv	BOBJ1	19.1667	Before	Left Exterior Girder	19.1667	0.95	1	1	3.647211
HS15_str_inv	BOBJ1	19.1667	Before	Interior Girder 1	19.1667	0.95	1	1	2.018787

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelINonCompStrgth-Flx - Main Span Stringers									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
HS15_str_inv	BOBJ1	19.1667	Before	Interior Girder 2	19.1667	0.95	1	1	2.147166
HS15_str_inv	BOBJ1	19.1667	Before	Interior Girder 3	19.1667	0.95	1	1	2.131654
HS15_str_inv	BOBJ1	19.1667	Before	Interior Girder 4	19.1667	0.95	1	1	2.141611
HS15_str_inv	BOBJ1	19.1667	Before	Interior Girder 5	19.1667	0.95	1	1	2.033813
HS15_str_inv	BOBJ1	19.1667	Before	Right Exterior Girder	19.1667	0.95	1	1	3.647211
HS15_str_inv	BOBJ1	19.1667	After	Left Exterior Girder	19.1667	0.95	1	1	3.646333
HS15_str_inv	BOBJ1	19.1667	After	Interior Girder 1	19.1667	0.95	1	1	1.983505
HS15_str_inv	BOBJ1	19.1667	After	Interior Girder 2	19.1667	0.95	1	1	2.128458
HS15_str_inv	BOBJ1	19.1667	After	Interior Girder 3	19.1667	0.95	1	1	2.111875
HS15_str_inv	BOBJ1	19.1667	After	Interior Girder 4	19.1667	0.95	1	1	2.122825
HS15_str_inv	BOBJ1	19.1667	After	Interior Girder 5	19.1667	0.95	1	1	1.998981
HS15_str_inv	BOBJ1	19.1667	After	Right Exterior Girder	19.1667	0.95	1	1	3.646332
HS15_str_inv	BOBJ1	21.0833	Before	Left Exterior Girder	21.0833	0.95	1	1	6.540113
HS15_str_inv	BOBJ1	21.0833	Before	Interior Girder 1	21.0833	0.95	1	1	3.650779
HS15_str_inv	BOBJ1	21.0833	Before	Interior Girder 2	21.0833	0.95	1	1	3.924194
HS15_str_inv	BOBJ1	21.0833	Before	Interior Girder 3	21.0833	0.95	1	1	3.901879
HS15_str_inv	BOBJ1	21.0833	Before	Interior Girder 4	21.0833	0.95	1	1	3.91595
HS15_str_inv	BOBJ1	21.0833	Before	Interior Girder 5	21.0833	0.95	1	1	3.68113
HS15_str_inv	BOBJ1	21.0833	Before	Right Exterior Girder	21.0833	0.95	1	1	6.540112
HS15_str_inv	BOBJ1	21.0833	After	Left Exterior Girder	21.0833	0.95	1	1	6.527387
HS15_str_inv	BOBJ1	21.0833	After	Interior Girder 1	21.0833	0.95	1	1	3.525694
HS15_str_inv	BOBJ1	21.0833	After	Interior Girder 2	21.0833	0.95	1	1	3.83698
HS15_str_inv	BOBJ1	21.0833	After	Interior Girder 3	21.0833	0.95	1	1	3.82254
HS15_str_inv	BOBJ1	21.0833	After	Interior Girder 4	21.0833	0.95	1	1	3.828438
HS15_str_inv	BOBJ1	21.0833	After	Interior Girder 5	21.0833	0.95	1	1	3.557155
HS15_str_inv	BOBJ1	21.0833	After	Right Exterior Girder	21.0833	0.95	1	1	6.527387
HS15_str_inv	BOBJ1	23	Before	Left Exterior Girder	23	0.95	1	1	177.699001
HS15_str_inv	BOBJ1	23	Before	Interior Girder 1	23	0.95	1	1	75.207369
HS15_str_inv	BOBJ1	23	Before	Interior Girder 2	23	0.95	1	1	83.815591
HS15_str_inv	BOBJ1	23	Before	Interior Girder 3	23	0.95	1	1	90.722082
HS15_str_inv	BOBJ1	23	Before	Interior Girder 4	23	0.95	1	1	82.869187
HS15_str_inv	BOBJ1	23	Before	Interior Girder 5	23	0.95	1	1	75.207376
HS15_str_inv	BOBJ1	23	Before	Right Exterior Girder	23	0.95	1	1	179.308843
Lane_str_opr	BOBJ1	0	After	Left Exterior Girder	0	0.95	1	1	1429.433856
Lane_str_opr	BOBJ1	0	After	Interior Girder 1	0	0.95	1	1	740.373922
Lane_str_opr	BOBJ1	0	After	Interior Girder 2	0	0.95	1	1	771.229512
Lane_str_opr	BOBJ1	0	After	Interior Girder 3	0	0.95	1	1	656.553604
Lane_str_opr	BOBJ1	0	After	Interior Girder 4	0	0.95	1	1	706.480312
Lane_str_opr	BOBJ1	0	After	Interior Girder 5	0	0.95	1	1	730.502633
Lane_str_opr	BOBJ1	0	After	Right Exterior Girder	0	0.95	1	1	1416.615939
Lane_str_opr	BOBJ1	1.9167	Before	Left Exterior Girder	1.9167	0.95	1	1	73.934566
Lane_str_opr	BOBJ1	1.9167	Before	Interior Girder 1	1.9167	0.95	1	1	31.736748
Lane_str_opr	BOBJ1	1.9167	Before	Interior Girder 2	1.9167	0.95	1	1	34.992566
Lane_str_opr	BOBJ1	1.9167	Before	Interior Girder 3	1.9167	0.95	1	1	34.446558
Lane_str_opr	BOBJ1	1.9167	Before	Interior Girder 4	1.9167	0.95	1	1	34.032909
Lane_str_opr	BOBJ1	1.9167	Before	Interior Girder 5	1.9167	0.95	1	1	31.86395
Lane_str_opr	BOBJ1	1.9167	Before	Right Exterior Girder	1.9167	0.95	1	1	73.934561
Lane_str_opr	BOBJ1	1.9167	After	Left Exterior Girder	1.9167	0.95	1	1	70.924817
Lane_str_opr	BOBJ1	1.9167	After	Interior Girder 1	1.9167	0.95	1	1	33.133431
Lane_str_opr	BOBJ1	1.9167	After	Interior Girder 2	1.9167	0.95	1	1	36.318589
Lane_str_opr	BOBJ1	1.9167	After	Interior Girder 3	1.9167	0.95	1	1	35.103143
Lane_str_opr	BOBJ1	1.9167	After	Interior Girder 4	1.9167	0.95	1	1	35.434718
Lane_str_opr	BOBJ1	1.9167	After	Interior Girder 5	1.9167	0.95	1	1	33.228793
Lane_str_opr	BOBJ1	1.9167	After	Right Exterior Girder	1.9167	0.95	1	1	70.924818
Lane_str_opr	BOBJ1	3.8333	Before	Left Exterior Girder	3.8333	0.95	1	1	38.633616
Lane_str_opr	BOBJ1	3.8333	Before	Interior Girder 1	3.8333	0.95	1	1	16.782039
Lane_str_opr	BOBJ1	3.8333	Before	Interior Girder 2	3.8333	0.95	1	1	18.471708
Lane_str_opr	BOBJ1	3.8333	Before	Interior Girder 3	3.8333	0.95	1	1	18.050896
Lane_str_opr	BOBJ1	3.8333	Before	Interior Girder 4	3.8333	0.95	1	1	17.993222
Lane_str_opr	BOBJ1	3.8333	Before	Interior Girder 5	3.8333	0.95	1	1	16.832946
Lane_str_opr	BOBJ1	3.8333	Before	Right Exterior Girder	3.8333	0.95	1	1	38.633615
Lane_str_opr	BOBJ1	3.8333	After	Left Exterior Girder	3.8333	0.95	1	1	37.84539
Lane_str_opr	BOBJ1	3.8333	After	Interior Girder 1	3.8333	0.95	1	1	17.112724
Lane_str_opr	BOBJ1	3.8333	After	Interior Girder 2	3.8333	0.95	1	1	18.771466
Lane_str_opr	BOBJ1	3.8333	After	Interior Girder 3	3.8333	0.95	1	1	18.170596

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelINonCompStrgth-Flx - Main Span Stringers									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Lane_str_opr	BOBJ1	3.8333	After	Interior Girder 4	3.8333	0.95	1	1	18.315756
Lane_str_opr	BOBJ1	3.8333	After	Interior Girder 5	3.8333	0.95	1	1	17.152161
Lane_str_opr	BOBJ1	3.8333	After	Right Exterior Girder	3.8333	0.95	1	1	37.845391
Lane_str_opr	BOBJ1	5.75	Before	Left Exterior Girder	5.75	0.95	1	1	27.545058
Lane_str_opr	BOBJ1	5.75	Before	Interior Girder 1	5.75	0.95	1	1	11.9861
Lane_str_opr	BOBJ1	5.75	Before	Interior Girder 2	5.75	0.95	1	1	13.167685
Lane_str_opr	BOBJ1	5.75	Before	Interior Girder 3	5.75	0.95	1	1	12.80536
Lane_str_opr	BOBJ1	5.75	Before	Interior Girder 4	5.75	0.95	1	1	12.84032
Lane_str_opr	BOBJ1	5.75	Before	Interior Girder 5	5.75	0.95	1	1	12.012844
Lane_str_opr	BOBJ1	5.75	Before	Right Exterior Girder	5.75	0.95	1	1	27.545058
Lane_str_opr	BOBJ1	5.75	After	Left Exterior Girder	5.75	0.95	1	1	27.229453
Lane_str_opr	BOBJ1	5.75	After	Interior Girder 1	5.75	0.95	1	1	12.122181
Lane_str_opr	BOBJ1	5.75	After	Interior Girder 2	5.75	0.95	1	1	13.295269
Lane_str_opr	BOBJ1	5.75	After	Interior Girder 3	5.75	0.95	1	1	12.855685
Lane_str_opr	BOBJ1	5.75	After	Interior Girder 4	5.75	0.95	1	1	12.977482
Lane_str_opr	BOBJ1	5.75	After	Interior Girder 5	5.75	0.95	1	1	12.14426
Lane_str_opr	BOBJ1	5.75	After	Right Exterior Girder	5.75	0.95	1	1	27.229452
Lane_str_opr	BOBJ1	7.6667	Before	Left Exterior Girder	7.6667	0.95	1	1	22.621305
Lane_str_opr	BOBJ1	7.6667	Before	Interior Girder 1	7.6667	0.95	1	1	9.840604
Lane_str_opr	BOBJ1	7.6667	Before	Interior Girder 2	7.6667	0.95	1	1	10.797696
Lane_str_opr	BOBJ1	7.6667	Before	Interior Girder 3	7.6667	0.95	1	1	10.464693
Lane_str_opr	BOBJ1	7.6667	Before	Interior Girder 4	7.6667	0.95	1	1	10.536826
Lane_str_opr	BOBJ1	7.6667	Before	Interior Girder 5	7.6667	0.95	1	1	9.85749
Lane_str_opr	BOBJ1	7.6667	Before	Right Exterior Girder	7.6667	0.95	1	1	22.621305
Lane_str_opr	BOBJ1	7.6667	After	Left Exterior Girder	7.6667	0.95	1	1	22.473033
Lane_str_opr	BOBJ1	7.6667	After	Interior Girder 1	7.6667	0.95	1	1	9.905312
Lane_str_opr	BOBJ1	7.6667	After	Interior Girder 2	7.6667	0.95	1	1	10.85848
Lane_str_opr	BOBJ1	7.6667	After	Interior Girder 3	7.6667	0.95	1	1	10.488338
Lane_str_opr	BOBJ1	7.6667	After	Interior Girder 4	7.6667	0.95	1	1	10.602113
Lane_str_opr	BOBJ1	7.6667	After	Interior Girder 5	7.6667	0.95	1	1	9.920121
Lane_str_opr	BOBJ1	7.6667	After	Right Exterior Girder	7.6667	0.95	1	1	22.473033
Lane_str_opr	BOBJ1	9.5833	Before	Left Exterior Girder	9.5833	0.95	1	1	20.338957
Lane_str_opr	BOBJ1	9.5833	Before	Interior Girder 1	9.5833	0.95	1	1	8.850954
Lane_str_opr	BOBJ1	9.5833	Before	Interior Girder 2	9.5833	0.95	1	1	9.703154
Lane_str_opr	BOBJ1	9.5833	Before	Interior Girder 3	9.5833	0.95	1	1	9.382598
Lane_str_opr	BOBJ1	9.5833	Before	Interior Girder 4	9.5833	0.95	1	1	9.473007
Lane_str_opr	BOBJ1	9.5833	Before	Interior Girder 5	9.5833	0.95	1	1	8.863503
Lane_str_opr	BOBJ1	9.5833	Before	Right Exterior Girder	9.5833	0.95	1	1	20.338957
Lane_str_opr	BOBJ1	9.5833	After	Left Exterior Girder	9.5833	0.95	1	1	20.27776
Lane_str_opr	BOBJ1	9.5833	After	Interior Girder 1	9.5833	0.95	1	1	8.878015
Lane_str_opr	BOBJ1	9.5833	After	Interior Girder 2	9.5833	0.95	1	1	9.728715
Lane_str_opr	BOBJ1	9.5833	After	Interior Girder 3	9.5833	0.95	1	1	9.392645
Lane_str_opr	BOBJ1	9.5833	After	Interior Girder 4	9.5833	0.95	1	1	9.500423
Lane_str_opr	BOBJ1	9.5833	After	Interior Girder 5	9.5833	0.95	1	1	8.889731
Lane_str_opr	BOBJ1	9.5833	After	Right Exterior Girder	9.5833	0.95	1	1	20.277759
Lane_str_opr	BOBJ1	11.5	Before	Left Exterior Girder	11.5	0.95	1	1	19.646052
Lane_str_opr	BOBJ1	11.5	Before	Interior Girder 1	11.5	0.95	1	1	8.566708
Lane_str_opr	BOBJ1	11.5	Before	Interior Girder 2	11.5	0.95	1	1	9.387098
Lane_str_opr	BOBJ1	11.5	Before	Interior Girder 3	11.5	0.95	1	1	9.065731
Lane_str_opr	BOBJ1	11.5	Before	Interior Girder 4	11.5	0.95	1	1	9.166542
Lane_str_opr	BOBJ1	11.5	Before	Interior Girder 5	11.5	0.95	1	1	8.577778
Lane_str_opr	BOBJ1	11.5	Before	Right Exterior Girder	11.5	0.95	1	1	19.646052
Lane_str_opr	BOBJ1	11.5	After	Left Exterior Girder	11.5	0.95	1	1	19.646158
Lane_str_opr	BOBJ1	11.5	After	Interior Girder 1	11.5	0.95	1	1	8.566625
Lane_str_opr	BOBJ1	11.5	After	Interior Girder 2	11.5	0.95	1	1	9.387141
Lane_str_opr	BOBJ1	11.5	After	Interior Girder 3	11.5	0.95	1	1	9.065718
Lane_str_opr	BOBJ1	11.5	After	Interior Girder 4	11.5	0.95	1	1	9.166584
Lane_str_opr	BOBJ1	11.5	After	Interior Girder 5	11.5	0.95	1	1	8.577695
Lane_str_opr	BOBJ1	11.5	After	Right Exterior Girder	11.5	0.95	1	1	19.646158
Lane_str_opr	BOBJ1	13.4167	Before	Left Exterior Girder	13.4167	0.95	1	1	20.280255
Lane_str_opr	BOBJ1	13.4167	Before	Interior Girder 1	13.4167	0.95	1	1	8.881003
Lane_str_opr	BOBJ1	13.4167	Before	Interior Girder 2	13.4167	0.95	1	1	9.731042
Lane_str_opr	BOBJ1	13.4167	Before	Interior Girder 3	13.4167	0.95	1	1	9.394826
Lane_str_opr	BOBJ1	13.4167	Before	Interior Girder 4	13.4167	0.95	1	1	9.502695
Lane_str_opr	BOBJ1	13.4167	Before	Interior Girder 5	13.4167	0.95	1	1	8.892723

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelINonCompStrgth-Flx - Main Span Stringers									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Lane_str_opr	BOBJ1	13.4167	Before	Right Exterior Girder	13.4167	0.95	1	1	20.280254
Lane_str_opr	BOBJ1	13.4167	After	Left Exterior Girder	13.4167	0.95	1	1	20.341669
Lane_str_opr	BOBJ1	13.4167	After	Interior Girder 1	13.4167	0.95	1	1	8.853768
Lane_str_opr	BOBJ1	13.4167	After	Interior Girder 2	13.4167	0.95	1	1	9.70556
Lane_str_opr	BOBJ1	13.4167	After	Interior Girder 3	13.4167	0.95	1	1	9.384752
Lane_str_opr	BOBJ1	13.4167	After	Interior Girder 4	13.4167	0.95	1	1	9.475357
Lane_str_opr	BOBJ1	13.4167	After	Interior Girder 5	13.4167	0.95	1	1	8.866322
Lane_str_opr	BOBJ1	13.4167	After	Right Exterior Girder	13.4167	0.95	1	1	20.341669
Lane_str_opr	BOBJ1	15.3333	Before	Left Exterior Girder	15.3333	0.95	1	1	22.478521
Lane_str_opr	BOBJ1	15.3333	Before	Interior Girder 1	15.3333	0.95	1	1	9.911821
Lane_str_opr	BOBJ1	15.3333	Before	Interior Girder 2	15.3333	0.95	1	1	10.863593
Lane_str_opr	BOBJ1	15.3333	Before	Interior Girder 3	15.3333	0.95	1	1	10.493096
Lane_str_opr	BOBJ1	15.3333	Before	Interior Girder 4	15.3333	0.95	1	1	10.607106
Lane_str_opr	BOBJ1	15.3333	Before	Interior Girder 5	15.3333	0.95	1	1	9.92664
Lane_str_opr	BOBJ1	15.3333	Before	Right Exterior Girder	15.3333	0.95	1	1	22.478521
Lane_str_opr	BOBJ1	15.3333	After	Left Exterior Girder	15.3333	0.95	1	1	22.627024
Lane_str_opr	BOBJ1	15.3333	After	Interior Girder 1	15.3333	0.95	1	1	9.846914
Lane_str_opr	BOBJ1	15.3333	After	Interior Girder 2	15.3333	0.95	1	1	10.802863
Lane_str_opr	BOBJ1	15.3333	After	Interior Girder 3	15.3333	0.95	1	1	10.469421
Lane_str_opr	BOBJ1	15.3333	After	Interior Girder 4	15.3333	0.95	1	1	10.541868
Lane_str_opr	BOBJ1	15.3333	After	Interior Girder 5	15.3333	0.95	1	1	9.863811
Lane_str_opr	BOBJ1	15.3333	After	Right Exterior Girder	15.3333	0.95	1	1	22.627024
Lane_str_opr	BOBJ1	17.25	Before	Left Exterior Girder	17.25	0.95	1	1	27.239022
Lane_str_opr	BOBJ1	17.25	Before	Interior Girder 1	17.25	0.95	1	1	12.133881
Lane_str_opr	BOBJ1	17.25	Before	Interior Girder 2	17.25	0.95	1	1	13.304314
Lane_str_opr	BOBJ1	17.25	Before	Interior Girder 3	17.25	0.95	1	1	12.864151
Lane_str_opr	BOBJ1	17.25	Before	Interior Girder 4	17.25	0.95	1	1	12.986311
Lane_str_opr	BOBJ1	17.25	Before	Interior Girder 5	17.25	0.95	1	1	12.155981
Lane_str_opr	BOBJ1	17.25	Before	Right Exterior Girder	17.25	0.95	1	1	27.239021
Lane_str_opr	BOBJ1	17.25	After	Left Exterior Girder	17.25	0.95	1	1	27.554868
Lane_str_opr	BOBJ1	17.25	After	Interior Girder 1	17.25	0.95	1	1	11.997553
Lane_str_opr	BOBJ1	17.25	After	Interior Girder 2	17.25	0.95	1	1	13.176701
Lane_str_opr	BOBJ1	17.25	After	Interior Girder 3	17.25	0.95	1	1	12.813802
Lane_str_opr	BOBJ1	17.25	After	Interior Girder 4	17.25	0.95	1	1	12.849112
Lane_str_opr	BOBJ1	17.25	After	Interior Girder 5	17.25	0.95	1	1	12.024324
Lane_str_opr	BOBJ1	17.25	After	Right Exterior Girder	17.25	0.95	1	1	27.554868
Lane_str_opr	BOBJ1	19.1667	Before	Left Exterior Girder	19.1667	0.95	1	1	37.861664
Lane_str_opr	BOBJ1	19.1667	Before	Interior Girder 1	19.1667	0.95	1	1	17.134492
Lane_str_opr	BOBJ1	19.1667	Before	Interior Girder 2	19.1667	0.95	1	1	18.787515
Lane_str_opr	BOBJ1	19.1667	Before	Interior Girder 3	19.1667	0.95	1	1	18.185818
Lane_str_opr	BOBJ1	19.1667	Before	Interior Girder 4	19.1667	0.95	1	1	18.331416
Lane_str_opr	BOBJ1	19.1667	Before	Interior Girder 5	19.1667	0.95	1	1	17.173979
Lane_str_opr	BOBJ1	19.1667	Before	Right Exterior Girder	19.1667	0.95	1	1	37.861663
Lane_str_opr	BOBJ1	19.1667	After	Left Exterior Girder	19.1667	0.95	1	1	38.650188
Lane_str_opr	BOBJ1	19.1667	After	Interior Girder 1	19.1667	0.95	1	1	16.803389
Lane_str_opr	BOBJ1	19.1667	After	Interior Girder 2	19.1667	0.95	1	1	18.4875
Lane_str_opr	BOBJ1	19.1667	After	Interior Girder 3	19.1667	0.95	1	1	18.066061
Lane_str_opr	BOBJ1	19.1667	After	Interior Girder 4	19.1667	0.95	1	1	18.008605
Lane_str_opr	BOBJ1	19.1667	After	Interior Girder 5	19.1667	0.95	1	1	16.854361
Lane_str_opr	BOBJ1	19.1667	After	Right Exterior Girder	19.1667	0.95	1	1	38.650187
Lane_str_opr	BOBJ1	21.0833	Before	Left Exterior Girder	21.0833	0.95	1	1	70.96079
Lane_str_opr	BOBJ1	21.0833	Before	Interior Girder 1	21.0833	0.95	1	1	33.183573
Lane_str_opr	BOBJ1	21.0833	Before	Interior Girder 2	21.0833	0.95	1	1	36.355277
Lane_str_opr	BOBJ1	21.0833	Before	Interior Girder 3	21.0833	0.95	1	1	35.138483
Lane_str_opr	BOBJ1	21.0833	Before	Interior Girder 4	21.0833	0.95	1	1	35.470513
Lane_str_opr	BOBJ1	21.0833	Before	Interior Girder 5	21.0833	0.95	1	1	33.27908
Lane_str_opr	BOBJ1	21.0833	Before	Right Exterior Girder	21.0833	0.95	1	1	70.960789
Lane_str_opr	BOBJ1	21.0833	After	Left Exterior Girder	21.0833	0.95	1	1	73.97228
Lane_str_opr	BOBJ1	21.0833	After	Interior Girder 1	21.0833	0.95	1	1	31.784809
Lane_str_opr	BOBJ1	21.0833	After	Interior Girder 2	21.0833	0.95	1	1	35.02774
Lane_str_opr	BOBJ1	21.0833	After	Interior Girder 3	21.0833	0.95	1	1	34.481352
Lane_str_opr	BOBJ1	21.0833	After	Interior Girder 4	21.0833	0.95	1	1	34.067118
Lane_str_opr	BOBJ1	21.0833	After	Interior Girder 5	21.0833	0.95	1	1	31.912202
Lane_str_opr	BOBJ1	21.0833	After	Right Exterior Girder	21.0833	0.95	1	1	73.972277
Lane_str_opr	BOBJ1	23	Before	Left Exterior Girder	23	0.95	1	1	1429.941789

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelINonCompStrgth-Flx - Main Span Stringers									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Lane_str_opr	BOBJ1	23	Before	Interior Girder 1	23	0.95	1	1	738.501538
Lane_str_opr	BOBJ1	23	Before	Interior Girder 2	23	0.95	1	1	770.232886
Lane_str_opr	BOBJ1	23	Before	Interior Girder 3	23	0.95	1	1	655.679547
Lane_str_opr	BOBJ1	23	Before	Interior Girder 4	23	0.95	1	1	705.55715
Lane_str_opr	BOBJ1	23	Before	Interior Girder 5	23	0.95	1	1	728.652882
Lane_str_opr	BOBJ1	23	Before	Right Exterior Girder	23	0.95	1	1	1417.1191
Lane_str_inv	BOBJ1	0	After	Left Exterior Girder	0	0.95	1	1	1102.706117
Lane_str_inv	BOBJ1	0	After	Interior Girder 1	0	0.95	1	1	556.492703
Lane_str_inv	BOBJ1	0	After	Interior Girder 2	0	0.95	1	1	573.192686
Lane_str_inv	BOBJ1	0	After	Interior Girder 3	0	0.95	1	1	488.833332
Lane_str_inv	BOBJ1	0	After	Interior Girder 4	0	0.95	1	1	525.298277
Lane_str_inv	BOBJ1	0	After	Interior Girder 5	0	0.95	1	1	549.018108
Lane_str_inv	BOBJ1	0	After	Right Exterior Girder	0	0.95	1	1	1092.81801
Lane_str_inv	BOBJ1	1.9167	Before	Left Exterior Girder	1.9167	0.95	1	1	57.035236
Lane_str_inv	BOBJ1	1.9167	Before	Interior Girder 1	1.9167	0.95	1	1	24.482634
Lane_str_inv	BOBJ1	1.9167	Before	Interior Girder 2	1.9167	0.95	1	1	26.994265
Lane_str_inv	BOBJ1	1.9167	Before	Interior Girder 3	1.9167	0.95	1	1	26.573059
Lane_str_inv	BOBJ1	1.9167	Before	Interior Girder 4	1.9167	0.95	1	1	26.253958
Lane_str_inv	BOBJ1	1.9167	Before	Interior Girder 5	1.9167	0.95	1	1	24.580761
Lane_str_inv	BOBJ1	1.9167	Before	Right Exterior Girder	1.9167	0.95	1	1	57.035233
Lane_str_inv	BOBJ1	1.9167	After	Left Exterior Girder	1.9167	0.95	1	1	54.71343
Lane_str_inv	BOBJ1	1.9167	After	Interior Girder 1	1.9167	0.95	1	1	25.560075
Lane_str_inv	BOBJ1	1.9167	After	Interior Girder 2	1.9167	0.95	1	1	28.017197
Lane_str_inv	BOBJ1	1.9167	After	Interior Girder 3	1.9167	0.95	1	1	27.079567
Lane_str_inv	BOBJ1	1.9167	After	Interior Girder 4	1.9167	0.95	1	1	27.335354
Lane_str_inv	BOBJ1	1.9167	After	Interior Girder 5	1.9167	0.95	1	1	25.633641
Lane_str_inv	BOBJ1	1.9167	After	Right Exterior Girder	1.9167	0.95	1	1	54.713431
Lane_str_inv	BOBJ1	3.8333	Before	Left Exterior Girder	3.8333	0.95	1	1	29.803075
Lane_str_inv	BOBJ1	3.8333	Before	Interior Girder 1	3.8333	0.95	1	1	12.946144
Lane_str_inv	BOBJ1	3.8333	Before	Interior Girder 2	3.8333	0.95	1	1	14.249603
Lane_str_inv	BOBJ1	3.8333	Before	Interior Girder 3	3.8333	0.95	1	1	13.924977
Lane_str_inv	BOBJ1	3.8333	Before	Interior Girder 4	3.8333	0.95	1	1	13.880485
Lane_str_inv	BOBJ1	3.8333	Before	Interior Girder 5	3.8333	0.95	1	1	12.985415
Lane_str_inv	BOBJ1	3.8333	Before	Right Exterior Girder	3.8333	0.95	1	1	29.803075
Lane_str_inv	BOBJ1	3.8333	After	Left Exterior Girder	3.8333	0.95	1	1	29.195016
Lane_str_inv	BOBJ1	3.8333	After	Interior Girder 1	3.8333	0.95	1	1	13.201245
Lane_str_inv	BOBJ1	3.8333	After	Interior Girder 2	3.8333	0.95	1	1	14.480845
Lane_str_inv	BOBJ1	3.8333	After	Interior Girder 3	3.8333	0.95	1	1	14.017317
Lane_str_inv	BOBJ1	3.8333	After	Interior Girder 4	3.8333	0.95	1	1	14.129298
Lane_str_inv	BOBJ1	3.8333	After	Interior Girder 5	3.8333	0.95	1	1	13.231667
Lane_str_inv	BOBJ1	3.8333	After	Right Exterior Girder	3.8333	0.95	1	1	29.195016
Lane_str_inv	BOBJ1	5.75	Before	Left Exterior Girder	5.75	0.95	1	1	21.249045
Lane_str_inv	BOBJ1	5.75	Before	Interior Girder 1	5.75	0.95	1	1	9.24642
Lane_str_inv	BOBJ1	5.75	Before	Interior Girder 2	5.75	0.95	1	1	10.157929
Lane_str_inv	BOBJ1	5.75	Before	Interior Girder 3	5.75	0.95	1	1	9.87842
Lane_str_inv	BOBJ1	5.75	Before	Interior Girder 4	5.75	0.95	1	1	9.90539
Lane_str_inv	BOBJ1	5.75	Before	Interior Girder 5	5.75	0.95	1	1	9.267051
Lane_str_inv	BOBJ1	5.75	Before	Right Exterior Girder	5.75	0.95	1	1	21.249045
Lane_str_inv	BOBJ1	5.75	After	Left Exterior Girder	5.75	0.95	1	1	21.005578
Lane_str_inv	BOBJ1	5.75	After	Interior Girder 1	5.75	0.95	1	1	9.351397
Lane_str_inv	BOBJ1	5.75	After	Interior Girder 2	5.75	0.95	1	1	10.25635
Lane_str_inv	BOBJ1	5.75	After	Interior Girder 3	5.75	0.95	1	1	9.917243
Lane_str_inv	BOBJ1	5.75	After	Interior Girder 4	5.75	0.95	1	1	10.011201
Lane_str_inv	BOBJ1	5.75	After	Interior Girder 5	5.75	0.95	1	1	9.368429
Lane_str_inv	BOBJ1	5.75	After	Right Exterior Girder	5.75	0.95	1	1	21.005578
Lane_str_inv	BOBJ1	7.6667	Before	Left Exterior Girder	7.6667	0.95	1	1	17.450721
Lane_str_inv	BOBJ1	7.6667	Before	Interior Girder 1	7.6667	0.95	1	1	7.591323
Lane_str_inv	BOBJ1	7.6667	Before	Interior Girder 2	7.6667	0.95	1	1	8.329651
Lane_str_inv	BOBJ1	7.6667	Before	Interior Girder 3	7.6667	0.95	1	1	8.072763
Lane_str_inv	BOBJ1	7.6667	Before	Interior Girder 4	7.6667	0.95	1	1	8.128408
Lane_str_inv	BOBJ1	7.6667	Before	Interior Girder 5	7.6667	0.95	1	1	7.604349
Lane_str_inv	BOBJ1	7.6667	Before	Right Exterior Girder	7.6667	0.95	1	1	17.450721
Lane_str_inv	BOBJ1	7.6667	After	Left Exterior Girder	7.6667	0.95	1	1	17.33634
Lane_str_inv	BOBJ1	7.6667	After	Interior Girder 1	7.6667	0.95	1	1	7.641241
Lane_str_inv	BOBJ1	7.6667	After	Interior Girder 2	7.6667	0.95	1	1	8.376541

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelINonCompStrgth-Flx - Main Span Stringers									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Lane_str_inv	BOBJ1	7.6667	After	Interior Girder 3	7.6667	0.95	1	1	8.091004
Lane_str_inv	BOBJ1	7.6667	After	Interior Girder 4	7.6667	0.95	1	1	8.178773
Lane_str_inv	BOBJ1	7.6667	After	Interior Girder 5	7.6667	0.95	1	1	7.652665
Lane_str_inv	BOBJ1	7.6667	After	Right Exterior Girder	7.6667	0.95	1	1	17.336339
Lane_str_inv	BOBJ1	9.5833	Before	Left Exterior Girder	9.5833	0.95	1	1	15.690053
Lane_str_inv	BOBJ1	9.5833	Before	Interior Girder 1	9.5833	0.95	1	1	6.827879
Lane_str_inv	BOBJ1	9.5833	Before	Interior Girder 2	9.5833	0.95	1	1	7.48529
Lane_str_inv	BOBJ1	9.5833	Before	Interior Girder 3	9.5833	0.95	1	1	7.238004
Lane_str_inv	BOBJ1	9.5833	Before	Interior Girder 4	9.5833	0.95	1	1	7.307748
Lane_str_inv	BOBJ1	9.5833	Before	Interior Girder 5	9.5833	0.95	1	1	6.837559
Lane_str_inv	BOBJ1	9.5833	Before	Right Exterior Girder	9.5833	0.95	1	1	15.690052
Lane_str_inv	BOBJ1	9.5833	After	Left Exterior Girder	9.5833	0.95	1	1	15.642843
Lane_str_inv	BOBJ1	9.5833	After	Interior Girder 1	9.5833	0.95	1	1	6.848754
Lane_str_inv	BOBJ1	9.5833	After	Interior Girder 2	9.5833	0.95	1	1	7.505009
Lane_str_inv	BOBJ1	9.5833	After	Interior Girder 3	9.5833	0.95	1	1	7.245755
Lane_str_inv	BOBJ1	9.5833	After	Interior Girder 4	9.5833	0.95	1	1	7.328898
Lane_str_inv	BOBJ1	9.5833	After	Interior Girder 5	9.5833	0.95	1	1	6.857793
Lane_str_inv	BOBJ1	9.5833	After	Right Exterior Girder	9.5833	0.95	1	1	15.642843
Lane_str_inv	BOBJ1	11.5	Before	Left Exterior Girder	11.5	0.95	1	1	15.155526
Lane_str_inv	BOBJ1	11.5	Before	Interior Girder 1	11.5	0.95	1	1	6.608604
Lane_str_inv	BOBJ1	11.5	Before	Interior Girder 2	11.5	0.95	1	1	7.241476
Lane_str_inv	BOBJ1	11.5	Before	Interior Girder 3	11.5	0.95	1	1	6.993564
Lane_str_inv	BOBJ1	11.5	Before	Interior Girder 4	11.5	0.95	1	1	7.071333
Lane_str_inv	BOBJ1	11.5	Before	Interior Girder 5	11.5	0.95	1	1	6.617143
Lane_str_inv	BOBJ1	11.5	Before	Right Exterior Girder	11.5	0.95	1	1	15.155526
Lane_str_inv	BOBJ1	11.5	After	Left Exterior Girder	11.5	0.95	1	1	15.155608
Lane_str_inv	BOBJ1	11.5	After	Interior Girder 1	11.5	0.95	1	1	6.60854
Lane_str_inv	BOBJ1	11.5	After	Interior Girder 2	11.5	0.95	1	1	7.241509
Lane_str_inv	BOBJ1	11.5	After	Interior Girder 3	11.5	0.95	1	1	6.993554
Lane_str_inv	BOBJ1	11.5	After	Interior Girder 4	11.5	0.95	1	1	7.071365
Lane_str_inv	BOBJ1	11.5	After	Interior Girder 5	11.5	0.95	1	1	6.617079
Lane_str_inv	BOBJ1	11.5	After	Right Exterior Girder	11.5	0.95	1	1	15.155608
Lane_str_inv	BOBJ1	13.4167	Before	Left Exterior Girder	13.4167	0.95	1	1	15.644768
Lane_str_inv	BOBJ1	13.4167	Before	Interior Girder 1	13.4167	0.95	1	1	6.851059
Lane_str_inv	BOBJ1	13.4167	Before	Interior Girder 2	13.4167	0.95	1	1	7.506804
Lane_str_inv	BOBJ1	13.4167	Before	Interior Girder 3	13.4167	0.95	1	1	7.247437
Lane_str_inv	BOBJ1	13.4167	Before	Interior Girder 4	13.4167	0.95	1	1	7.330651
Lane_str_inv	BOBJ1	13.4167	Before	Interior Girder 5	13.4167	0.95	1	1	6.860101
Lane_str_inv	BOBJ1	13.4167	Before	Right Exterior Girder	13.4167	0.95	1	1	15.644768
Lane_str_inv	BOBJ1	13.4167	After	Left Exterior Girder	13.4167	0.95	1	1	15.692145
Lane_str_inv	BOBJ1	13.4167	After	Interior Girder 1	13.4167	0.95	1	1	6.83005
Lane_str_inv	BOBJ1	13.4167	After	Interior Girder 2	13.4167	0.95	1	1	7.487146
Lane_str_inv	BOBJ1	13.4167	After	Interior Girder 3	13.4167	0.95	1	1	7.239666
Lane_str_inv	BOBJ1	13.4167	After	Interior Girder 4	13.4167	0.95	1	1	7.309561
Lane_str_inv	BOBJ1	13.4167	After	Interior Girder 5	13.4167	0.95	1	1	6.839734
Lane_str_inv	BOBJ1	13.4167	After	Right Exterior Girder	13.4167	0.95	1	1	15.692144
Lane_str_inv	BOBJ1	15.3333	Before	Left Exterior Girder	15.3333	0.95	1	1	17.340573
Lane_str_inv	BOBJ1	15.3333	Before	Interior Girder 1	15.3333	0.95	1	1	7.646262
Lane_str_inv	BOBJ1	15.3333	Before	Interior Girder 2	15.3333	0.95	1	1	8.380486
Lane_str_inv	BOBJ1	15.3333	Before	Interior Girder 3	15.3333	0.95	1	1	8.094674
Lane_str_inv	BOBJ1	15.3333	Before	Interior Girder 4	15.3333	0.95	1	1	8.182624
Lane_str_inv	BOBJ1	15.3333	Before	Interior Girder 5	15.3333	0.95	1	1	7.657694
Lane_str_inv	BOBJ1	15.3333	Before	Right Exterior Girder	15.3333	0.95	1	1	17.340573
Lane_str_inv	BOBJ1	15.3333	After	Left Exterior Girder	15.3333	0.95	1	1	17.455133
Lane_str_inv	BOBJ1	15.3333	After	Interior Girder 1	15.3333	0.95	1	1	7.596191
Lane_str_inv	BOBJ1	15.3333	After	Interior Girder 2	15.3333	0.95	1	1	8.333637
Lane_str_inv	BOBJ1	15.3333	After	Interior Girder 3	15.3333	0.95	1	1	8.076411
Lane_str_inv	BOBJ1	15.3333	After	Interior Girder 4	15.3333	0.95	1	1	8.132298
Lane_str_inv	BOBJ1	15.3333	After	Interior Girder 5	15.3333	0.95	1	1	7.609226
Lane_str_inv	BOBJ1	15.3333	After	Right Exterior Girder	15.3333	0.95	1	1	17.455132
Lane_str_inv	BOBJ1	17.25	Before	Left Exterior Girder	17.25	0.95	1	1	21.01296
Lane_str_inv	BOBJ1	17.25	Before	Interior Girder 1	17.25	0.95	1	1	9.360423
Lane_str_inv	BOBJ1	17.25	Before	Interior Girder 2	17.25	0.95	1	1	10.263328
Lane_str_inv	BOBJ1	17.25	Before	Interior Girder 3	17.25	0.95	1	1	9.923774
Lane_str_inv	BOBJ1	17.25	Before	Interior Girder 4	17.25	0.95	1	1	10.018011

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelINonCompStrgth-Flx - Main Span Stringers									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Lane_str_inv	BOBJ1	17.25	Before	Interior Girder 5	17.25	0.95	1	1	9.377471
Lane_str_inv	BOBJ1	17.25	Before	Right Exterior Girder	17.25	0.95	1	1	21.012959
Lane_str_inv	BOBJ1	17.25	After	Left Exterior Girder	17.25	0.95	1	1	21.256613
Lane_str_inv	BOBJ1	17.25	After	Interior Girder 1	17.25	0.95	1	1	9.255256
Lane_str_inv	BOBJ1	17.25	After	Interior Girder 2	17.25	0.95	1	1	10.164883
Lane_str_inv	BOBJ1	17.25	After	Interior Girder 3	17.25	0.95	1	1	9.884933
Lane_str_inv	BOBJ1	17.25	After	Interior Girder 4	17.25	0.95	1	1	9.912172
Lane_str_inv	BOBJ1	17.25	After	Interior Girder 5	17.25	0.95	1	1	9.275907
Lane_str_inv	BOBJ1	17.25	After	Right Exterior Girder	17.25	0.95	1	1	21.256612
Lane_str_inv	BOBJ1	19.1667	Before	Left Exterior Girder	19.1667	0.95	1	1	29.207569
Lane_str_inv	BOBJ1	19.1667	Before	Interior Girder 1	19.1667	0.95	1	1	13.218036
Lane_str_inv	BOBJ1	19.1667	Before	Interior Girder 2	19.1667	0.95	1	1	14.493226
Lane_str_inv	BOBJ1	19.1667	Before	Interior Girder 3	19.1667	0.95	1	1	14.029059
Lane_str_inv	BOBJ1	19.1667	Before	Interior Girder 4	19.1667	0.95	1	1	14.141378
Lane_str_inv	BOBJ1	19.1667	Before	Interior Girder 5	19.1667	0.95	1	1	13.248498
Lane_str_inv	BOBJ1	19.1667	Before	Right Exterior Girder	19.1667	0.95	1	1	29.207569
Lane_str_inv	BOBJ1	19.1667	After	Left Exterior Girder	19.1667	0.95	1	1	29.81586
Lane_str_inv	BOBJ1	19.1667	After	Interior Girder 1	19.1667	0.95	1	1	12.962615
Lane_str_inv	BOBJ1	19.1667	After	Interior Girder 2	19.1667	0.95	1	1	14.261786
Lane_str_inv	BOBJ1	19.1667	After	Interior Girder 3	19.1667	0.95	1	1	13.936676
Lane_str_inv	BOBJ1	19.1667	After	Interior Girder 4	19.1667	0.95	1	1	13.892353
Lane_str_inv	BOBJ1	19.1667	After	Interior Girder 5	19.1667	0.95	1	1	13.001935
Lane_str_inv	BOBJ1	19.1667	After	Right Exterior Girder	19.1667	0.95	1	1	29.815859
Lane_str_inv	BOBJ1	21.0833	Before	Left Exterior Girder	21.0833	0.95	1	1	54.741181
Lane_str_inv	BOBJ1	21.0833	Before	Interior Girder 1	21.0833	0.95	1	1	25.598756
Lane_str_inv	BOBJ1	21.0833	Before	Interior Girder 2	21.0833	0.95	1	1	28.0455
Lane_str_inv	BOBJ1	21.0833	Before	Interior Girder 3	21.0833	0.95	1	1	27.10683
Lane_str_inv	BOBJ1	21.0833	Before	Interior Girder 4	21.0833	0.95	1	1	27.362967
Lane_str_inv	BOBJ1	21.0833	Before	Interior Girder 5	21.0833	0.95	1	1	25.672433
Lane_str_inv	BOBJ1	21.0833	Before	Right Exterior Girder	21.0833	0.95	1	1	54.74118
Lane_str_inv	BOBJ1	21.0833	After	Left Exterior Girder	21.0833	0.95	1	1	57.06433
Lane_str_inv	BOBJ1	21.0833	After	Interior Girder 1	21.0833	0.95	1	1	24.51971
Lane_str_inv	BOBJ1	21.0833	After	Interior Girder 2	21.0833	0.95	1	1	27.021399
Lane_str_inv	BOBJ1	21.0833	After	Interior Girder 3	21.0833	0.95	1	1	26.5999
Lane_str_inv	BOBJ1	21.0833	After	Interior Girder 4	21.0833	0.95	1	1	26.280348
Lane_str_inv	BOBJ1	21.0833	After	Interior Girder 5	21.0833	0.95	1	1	24.617985
Lane_str_inv	BOBJ1	21.0833	After	Right Exterior Girder	21.0833	0.95	1	1	57.064328
Lane_str_inv	BOBJ1	23	Before	Left Exterior Girder	23	0.95	1	1	1103.097952
Lane_str_inv	BOBJ1	23	Before	Interior Girder 1	23	0.95	1	1	555.048293
Lane_str_inv	BOBJ1	23	Before	Interior Girder 2	23	0.95	1	1	572.42386
Lane_str_inv	BOBJ1	23	Before	Interior Girder 3	23	0.95	1	1	488.15906
Lane_str_inv	BOBJ1	23	Before	Interior Girder 4	23	0.95	1	1	524.586123
Lane_str_inv	BOBJ1	23	Before	Interior Girder 5	23	0.95	1	1	547.59116
Lane_str_inv	BOBJ1	23	Before	Right Exterior Girder	23	0.95	1	1	1093.206163
SU4_str	BOBJ1	0	After	Left Exterior Girder	0	0.95	1	1	171.642998
SU4_str	BOBJ1	0	After	Interior Girder 1	0	0.95	1	1	71.815494
SU4_str	BOBJ1	0	After	Interior Girder 2	0	0.95	1	1	80.510932
SU4_str	BOBJ1	0	After	Interior Girder 3	0	0.95	1	1	87.228378
SU4_str	BOBJ1	0	After	Interior Girder 4	0	0.95	1	1	79.75455
SU4_str	BOBJ1	0	After	Interior Girder 5	0	0.95	1	1	71.815513
SU4_str	BOBJ1	0	After	Right Exterior Girder	0	0.95	1	1	173.167188
SU4_str	BOBJ1	1.9167	Before	Left Exterior Girder	1.9167	0.95	1	1	6.735437
SU4_str	BOBJ1	1.9167	Before	Interior Girder 1	1.9167	0.95	1	1	3.631147
SU4_str	BOBJ1	1.9167	Before	Interior Girder 2	1.9167	0.95	1	1	3.945884
SU4_str	BOBJ1	1.9167	Before	Interior Girder 3	1.9167	0.95	1	1	3.920963
SU4_str	BOBJ1	1.9167	Before	Interior Girder 4	1.9167	0.95	1	1	3.935022
SU4_str	BOBJ1	1.9167	Before	Interior Girder 5	1.9167	0.95	1	1	3.662141
SU4_str	BOBJ1	1.9167	Before	Right Exterior Girder	1.9167	0.95	1	1	6.735437
SU4_str	BOBJ1	1.9167	After	Left Exterior Girder	1.9167	0.95	1	1	6.743906
SU4_str	BOBJ1	1.9167	After	Interior Girder 1	1.9167	0.95	1	1	3.795798
SU4_str	BOBJ1	1.9167	After	Interior Girder 2	1.9167	0.95	1	1	4.047379
SU4_str	BOBJ1	1.9167	After	Interior Girder 3	1.9167	0.95	1	1	4.018338
SU4_str	BOBJ1	1.9167	After	Interior Girder 4	1.9167	0.95	1	1	4.036764
SU4_str	BOBJ1	1.9167	After	Interior Girder 5	1.9167	0.95	1	1	3.824716
SU4_str	BOBJ1	1.9167	After	Right Exterior Girder	1.9167	0.95	1	1	6.743906

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelINonCompStrgth-Flx - Main Span Stringers									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
SU4_str	BOBJ1	3.8333	Before	Left Exterior Girder	3.8333	0.95	1	1	3.739337
SU4_str	BOBJ1	3.8333	Before	Interior Girder 1	3.8333	0.95	1	1	2.036797
SU4_str	BOBJ1	3.8333	Before	Interior Girder 2	3.8333	0.95	1	1	2.17586
SU4_str	BOBJ1	3.8333	Before	Interior Girder 3	3.8333	0.95	1	1	2.155987
SU4_str	BOBJ1	3.8333	Before	Interior Girder 4	3.8333	0.95	1	1	2.169035
SU4_str	BOBJ1	3.8333	Before	Interior Girder 5	3.8333	0.95	1	1	2.051601
SU4_str	BOBJ1	3.8333	Before	Right Exterior Girder	3.8333	0.95	1	1	3.739337
SU4_str	BOBJ1	3.8333	After	Left Exterior Girder	3.8333	0.95	1	1	3.739725
SU4_str	BOBJ1	3.8333	After	Interior Girder 1	3.8333	0.95	1	1	2.083808
SU4_str	BOBJ1	3.8333	After	Interior Girder 2	3.8333	0.95	1	1	2.199743
SU4_str	BOBJ1	3.8333	After	Interior Girder 3	3.8333	0.95	1	1	2.180969
SU4_str	BOBJ1	3.8333	After	Interior Girder 4	3.8333	0.95	1	1	2.192972
SU4_str	BOBJ1	3.8333	After	Interior Girder 5	3.8333	0.95	1	1	2.097849
SU4_str	BOBJ1	3.8333	After	Right Exterior Girder	3.8333	0.95	1	1	3.739725
SU4_str	BOBJ1	5.75	Before	Left Exterior Girder	5.75	0.95	1	1	2.806499
SU4_str	BOBJ1	5.75	Before	Interior Girder 1	5.75	0.95	1	1	1.537454
SU4_str	BOBJ1	5.75	Before	Interior Girder 2	5.75	0.95	1	1	1.619838
SU4_str	BOBJ1	5.75	Before	Interior Girder 3	5.75	0.95	1	1	1.604592
SU4_str	BOBJ1	5.75	Before	Interior Girder 4	5.75	0.95	1	1	1.61456
SU4_str	BOBJ1	5.75	Before	Interior Girder 5	5.75	0.95	1	1	1.547403
SU4_str	BOBJ1	5.75	Before	Right Exterior Girder	5.75	0.95	1	1	2.806499
SU4_str	BOBJ1	5.75	After	Left Exterior Girder	5.75	0.95	1	1	2.808112
SU4_str	BOBJ1	5.75	After	Interior Girder 1	5.75	0.95	1	1	1.560047
SU4_str	BOBJ1	5.75	After	Interior Girder 2	5.75	0.95	1	1	1.631642
SU4_str	BOBJ1	5.75	After	Interior Girder 3	5.75	0.95	1	1	1.617031
SU4_str	BOBJ1	5.75	After	Interior Girder 4	5.75	0.95	1	1	1.626391
SU4_str	BOBJ1	5.75	After	Interior Girder 5	5.75	0.95	1	1	1.569599
SU4_str	BOBJ1	5.75	After	Right Exterior Girder	5.75	0.95	1	1	2.808112
SU4_str	BOBJ1	7.6667	Before	Left Exterior Girder	7.6667	0.95	1	1	2.385397
SU4_str	BOBJ1	7.6667	Before	Interior Girder 1	7.6667	0.95	1	1	1.301151
SU4_str	BOBJ1	7.6667	Before	Interior Girder 2	7.6667	0.95	1	1	1.359532
SU4_str	BOBJ1	7.6667	Before	Interior Girder 3	7.6667	0.95	1	1	1.346644
SU4_str	BOBJ1	7.6667	Before	Interior Girder 4	7.6667	0.95	1	1	1.355003
SU4_str	BOBJ1	7.6667	Before	Interior Girder 5	7.6667	0.95	1	1	1.309152
SU4_str	BOBJ1	7.6667	Before	Right Exterior Girder	7.6667	0.95	1	1	2.385397
SU4_str	BOBJ1	7.6667	After	Left Exterior Girder	7.6667	0.95	1	1	2.386647
SU4_str	BOBJ1	7.6667	After	Interior Girder 1	7.6667	0.95	1	1	1.311084
SU4_str	BOBJ1	7.6667	After	Interior Girder 2	7.6667	0.95	1	1	1.363933
SU4_str	BOBJ1	7.6667	After	Interior Girder 3	7.6667	0.95	1	1	1.351404
SU4_str	BOBJ1	7.6667	After	Interior Girder 4	7.6667	0.95	1	1	1.359423
SU4_str	BOBJ1	7.6667	After	Interior Girder 5	7.6667	0.95	1	1	1.318934
SU4_str	BOBJ1	7.6667	After	Right Exterior Girder	7.6667	0.95	1	1	2.386647
SU4_str	BOBJ1	9.5833	Before	Left Exterior Girder	9.5833	0.95	1	1	2.141176
SU4_str	BOBJ1	9.5833	Before	Interior Girder 1	9.5833	0.95	1	1	1.170972
SU4_str	BOBJ1	9.5833	Before	Interior Girder 2	9.5833	0.95	1	1	1.218953
SU4_str	BOBJ1	9.5833	Before	Interior Girder 3	9.5833	0.95	1	1	1.207358
SU4_str	BOBJ1	9.5833	Before	Interior Girder 4	9.5833	0.95	1	1	1.214839
SU4_str	BOBJ1	9.5833	Before	Interior Girder 5	9.5833	0.95	1	1	1.177724
SU4_str	BOBJ1	9.5833	Before	Right Exterior Girder	9.5833	0.95	1	1	2.141176
SU4_str	BOBJ1	9.5833	After	Left Exterior Girder	9.5833	0.95	1	1	2.14168
SU4_str	BOBJ1	9.5833	After	Interior Girder 1	9.5833	0.95	1	1	1.176018
SU4_str	BOBJ1	9.5833	After	Interior Girder 2	9.5833	0.95	1	1	1.2216
SU4_str	BOBJ1	9.5833	After	Interior Girder 3	9.5833	0.95	1	1	1.210145
SU4_str	BOBJ1	9.5833	After	Interior Girder 4	9.5833	0.95	1	1	1.217489
SU4_str	BOBJ1	9.5833	After	Interior Girder 5	9.5833	0.95	1	1	1.182691
SU4_str	BOBJ1	9.5833	After	Right Exterior Girder	9.5833	0.95	1	1	2.14168
SU4_str	BOBJ1	11.5	Before	Left Exterior Girder	11.5	0.95	1	1	2.090989
SU4_str	BOBJ1	11.5	Before	Interior Girder 1	11.5	0.95	1	1	1.144387
SU4_str	BOBJ1	11.5	Before	Interior Girder 2	11.5	0.95	1	1	1.188343
SU4_str	BOBJ1	11.5	Before	Interior Girder 3	11.5	0.95	1	1	1.177118
SU4_str	BOBJ1	11.5	Before	Interior Girder 4	11.5	0.95	1	1	1.18433
SU4_str	BOBJ1	11.5	Before	Interior Girder 5	11.5	0.95	1	1	1.150875
SU4_str	BOBJ1	11.5	Before	Right Exterior Girder	11.5	0.95	1	1	2.090989
SU4_str	BOBJ1	11.5	After	Left Exterior Girder	11.5	0.95	1	1	2.091048
SU4_str	BOBJ1	11.5	After	Interior Girder 1	11.5	0.95	1	1	1.144376

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelINonCompStrgth-Flx - Main Span Stringers									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
SU4_str	BOBJ1	11.5	After	Interior Girder 2	11.5	0.95	1	1	1.188348
SU4_str	BOBJ1	11.5	After	Interior Girder 3	11.5	0.95	1	1	1.177116
SU4_str	BOBJ1	11.5	After	Interior Girder 4	11.5	0.95	1	1	1.184335
SU4_str	BOBJ1	11.5	After	Interior Girder 5	11.5	0.95	1	1	1.150864
SU4_str	BOBJ1	11.5	After	Right Exterior Girder	11.5	0.95	1	1	2.091048
SU4_str	BOBJ1	13.4167	Before	Left Exterior Girder	13.4167	0.95	1	1	2.141943
SU4_str	BOBJ1	13.4167	Before	Interior Girder 1	13.4167	0.95	1	1	1.176414
SU4_str	BOBJ1	13.4167	Before	Interior Girder 2	13.4167	0.95	1	1	1.221893
SU4_str	BOBJ1	13.4167	Before	Interior Girder 3	13.4167	0.95	1	1	1.210426
SU4_str	BOBJ1	13.4167	Before	Interior Girder 4	13.4167	0.95	1	1	1.21778
SU4_str	BOBJ1	13.4167	Before	Interior Girder 5	13.4167	0.95	1	1	1.183089
SU4_str	BOBJ1	13.4167	Before	Right Exterior Girder	13.4167	0.95	1	1	2.141943
SU4_str	BOBJ1	13.4167	After	Left Exterior Girder	13.4167	0.95	1	1	2.141387
SU4_str	BOBJ1	13.4167	After	Interior Girder 1	13.4167	0.95	1	1	1.171344
SU4_str	BOBJ1	13.4167	After	Interior Girder 2	13.4167	0.95	1	1	1.219256
SU4_str	BOBJ1	13.4167	After	Interior Girder 3	13.4167	0.95	1	1	1.207635
SU4_str	BOBJ1	13.4167	After	Interior Girder 4	13.4167	0.95	1	1	1.215141
SU4_str	BOBJ1	13.4167	After	Interior Girder 5	13.4167	0.95	1	1	1.178098
SU4_str	BOBJ1	13.4167	After	Right Exterior Girder	13.4167	0.95	1	1	2.141387
SU4_str	BOBJ1	15.3333	Before	Left Exterior Girder	15.3333	0.95	1	1	2.387256
SU4_str	BOBJ1	15.3333	Before	Interior Girder 1	15.3333	0.95	1	1	1.311945
SU4_str	BOBJ1	15.3333	Before	Interior Girder 2	15.3333	0.95	1	1	1.364575
SU4_str	BOBJ1	15.3333	Before	Interior Girder 3	15.3333	0.95	1	1	1.352017
SU4_str	BOBJ1	15.3333	Before	Interior Girder 4	15.3333	0.95	1	1	1.360063
SU4_str	BOBJ1	15.3333	Before	Interior Girder 5	15.3333	0.95	1	1	1.3198
SU4_str	BOBJ1	15.3333	Before	Right Exterior Girder	15.3333	0.95	1	1	2.387256
SU4_str	BOBJ1	15.3333	After	Left Exterior Girder	15.3333	0.95	1	1	2.385984
SU4_str	BOBJ1	15.3333	After	Interior Girder 1	15.3333	0.95	1	1	1.301985
SU4_str	BOBJ1	15.3333	After	Interior Girder 2	15.3333	0.95	1	1	1.360183
SU4_str	BOBJ1	15.3333	After	Interior Girder 3	15.3333	0.95	1	1	1.347253
SU4_str	BOBJ1	15.3333	After	Interior Girder 4	15.3333	0.95	1	1	1.355651
SU4_str	BOBJ1	15.3333	After	Interior Girder 5	15.3333	0.95	1	1	1.309991
SU4_str	BOBJ1	15.3333	After	Right Exterior Girder	15.3333	0.95	1	1	2.385984
SU4_str	BOBJ1	17.25	Before	Left Exterior Girder	17.25	0.95	1	1	2.809156
SU4_str	BOBJ1	17.25	Before	Interior Girder 1	17.25	0.95	1	1	1.561552
SU4_str	BOBJ1	17.25	Before	Interior Girder 2	17.25	0.95	1	1	1.632752
SU4_str	BOBJ1	17.25	Before	Interior Girder 3	17.25	0.95	1	1	1.618096
SU4_str	BOBJ1	17.25	Before	Interior Girder 4	17.25	0.95	1	1	1.627497
SU4_str	BOBJ1	17.25	Before	Interior Girder 5	17.25	0.95	1	1	1.571114
SU4_str	BOBJ1	17.25	Before	Right Exterior Girder	17.25	0.95	1	1	2.809156
SU4_str	BOBJ1	17.25	After	Left Exterior Girder	17.25	0.95	1	1	2.807438
SU4_str	BOBJ1	17.25	After	Interior Girder 1	17.25	0.95	1	1	1.538923
SU4_str	BOBJ1	17.25	After	Interior Girder 2	17.25	0.95	1	1	1.620947
SU4_str	BOBJ1	17.25	After	Interior Girder 3	17.25	0.95	1	1	1.60565
SU4_str	BOBJ1	17.25	After	Interior Girder 4	17.25	0.95	1	1	1.615665
SU4_str	BOBJ1	17.25	After	Interior Girder 5	17.25	0.95	1	1	1.548882
SU4_str	BOBJ1	17.25	After	Right Exterior Girder	17.25	0.95	1	1	2.807438
SU4_str	BOBJ1	19.1667	Before	Left Exterior Girder	19.1667	0.95	1	1	3.741333
SU4_str	BOBJ1	19.1667	Before	Interior Girder 1	19.1667	0.95	1	1	2.086458
SU4_str	BOBJ1	19.1667	Before	Interior Girder 2	19.1667	0.95	1	1	2.201623
SU4_str	BOBJ1	19.1667	Before	Interior Girder 3	19.1667	0.95	1	1	2.182796
SU4_str	BOBJ1	19.1667	Before	Interior Girder 4	19.1667	0.95	1	1	2.194847
SU4_str	BOBJ1	19.1667	Before	Interior Girder 5	19.1667	0.95	1	1	2.100517
SU4_str	BOBJ1	19.1667	Before	Right Exterior Girder	19.1667	0.95	1	1	3.741333
SU4_str	BOBJ1	19.1667	After	Left Exterior Girder	19.1667	0.95	1	1	3.740941
SU4_str	BOBJ1	19.1667	After	Interior Girder 1	19.1667	0.95	1	1	2.039388
SU4_str	BOBJ1	19.1667	After	Interior Girder 2	19.1667	0.95	1	1	2.17772
SU4_str	BOBJ1	19.1667	After	Interior Girder 3	19.1667	0.95	1	1	2.157798
SU4_str	BOBJ1	19.1667	After	Interior Girder 4	19.1667	0.95	1	1	2.170889
SU4_str	BOBJ1	19.1667	After	Interior Girder 5	19.1667	0.95	1	1	2.054211
SU4_str	BOBJ1	19.1667	After	Right Exterior Girder	19.1667	0.95	1	1	3.740941
SU4_str	BOBJ1	21.0833	Before	Left Exterior Girder	21.0833	0.95	1	1	6.747326
SU4_str	BOBJ1	21.0833	Before	Interior Girder 1	21.0833	0.95	1	1	3.801543
SU4_str	BOBJ1	21.0833	Before	Interior Girder 2	21.0833	0.95	1	1	4.051468
SU4_str	BOBJ1	21.0833	Before	Interior Girder 3	21.0833	0.95	1	1	4.022384

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelINonCompStrgth-Flx - Main Span Stringers									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
SU4_str	BOBJ1	21.0833	Before	Interior Girder 4	21.0833	0.95	1	1	4.040842
SU4_str	BOBJ1	21.0833	Before	Interior Girder 5	21.0833	0.95	1	1	3.830504
SU4_str	BOBJ1	21.0833	Before	Right Exterior Girder	21.0833	0.95	1	1	6.747326
SU4_str	BOBJ1	21.0833	After	Left Exterior Girder	21.0833	0.95	1	1	6.739034
SU4_str	BOBJ1	21.0833	After	Interior Girder 1	21.0833	0.95	1	1	3.636646
SU4_str	BOBJ1	21.0833	After	Interior Girder 2	21.0833	0.95	1	1	3.94985
SU4_str	BOBJ1	21.0833	After	Interior Girder 3	21.0833	0.95	1	1	3.924923
SU4_str	BOBJ1	21.0833	After	Interior Girder 4	21.0833	0.95	1	1	3.938977
SU4_str	BOBJ1	21.0833	After	Interior Girder 5	21.0833	0.95	1	1	3.667687
SU4_str	BOBJ1	21.0833	After	Right Exterior Girder	21.0833	0.95	1	1	6.739034
SU4_str	BOBJ1	23	Before	Left Exterior Girder	23	0.95	1	1	171.70399
SU4_str	BOBJ1	23	Before	Interior Girder 1	23	0.95	1	1	71.591414
SU4_str	BOBJ1	23	Before	Interior Girder 2	23	0.95	1	1	80.382637
SU4_str	BOBJ1	23	Before	Interior Girder 3	23	0.95	1	1	87.088952
SU4_str	BOBJ1	23	Before	Interior Girder 4	23	0.95	1	1	79.627403
SU4_str	BOBJ1	23	Before	Interior Girder 5	23	0.95	1	1	71.591421
SU4_str	BOBJ1	23	Before	Right Exterior Girder	23	0.95	1	1	173.2287
SU5_str	BOBJ1	0	After	Left Exterior Girder	0	0.95	1	1	161.296786
SU5_str	BOBJ1	0	After	Interior Girder 1	0	0.95	1	1	67.847686
SU5_str	BOBJ1	0	After	Interior Girder 2	0	0.95	1	1	75.835993
SU5_str	BOBJ1	0	After	Interior Girder 3	0	0.95	1	1	82.03788
SU5_str	BOBJ1	0	After	Interior Girder 4	0	0.95	1	1	75.128231
SU5_str	BOBJ1	0	After	Interior Girder 5	0	0.95	1	1	67.847704
SU5_str	BOBJ1	0	After	Right Exterior Girder	0	0.95	1	1	162.711125
SU5_str	BOBJ1	1.9167	Before	Left Exterior Girder	1.9167	0.95	1	1	6.442665
SU5_str	BOBJ1	1.9167	Before	Interior Girder 1	1.9167	0.95	1	1	3.484337
SU5_str	BOBJ1	1.9167	Before	Interior Girder 2	1.9167	0.95	1	1	3.778674
SU5_str	BOBJ1	1.9167	Before	Interior Girder 3	1.9167	0.95	1	1	3.754027
SU5_str	BOBJ1	1.9167	Before	Interior Girder 4	1.9167	0.95	1	1	3.768092
SU5_str	BOBJ1	1.9167	Before	Interior Girder 5	1.9167	0.95	1	1	3.513556
SU5_str	BOBJ1	1.9167	Before	Right Exterior Girder	1.9167	0.95	1	1	6.442665
SU5_str	BOBJ1	1.9167	After	Left Exterior Girder	1.9167	0.95	1	1	6.451691
SU5_str	BOBJ1	1.9167	After	Interior Girder 1	1.9167	0.95	1	1	3.646052
SU5_str	BOBJ1	1.9167	After	Interior Girder 2	1.9167	0.95	1	1	3.877772
SU5_str	BOBJ1	1.9167	After	Interior Girder 3	1.9167	0.95	1	1	3.849529
SU5_str	BOBJ1	1.9167	After	Interior Girder 4	1.9167	0.95	1	1	3.867442
SU5_str	BOBJ1	1.9167	After	Interior Girder 5	1.9167	0.95	1	1	3.673202
SU5_str	BOBJ1	1.9167	After	Right Exterior Girder	1.9167	0.95	1	1	6.451691
SU5_str	BOBJ1	3.8333	Before	Left Exterior Girder	3.8333	0.95	1	1	3.516199
SU5_str	BOBJ1	3.8333	Before	Interior Girder 1	3.8333	0.95	1	1	1.927395
SU5_str	BOBJ1	3.8333	Before	Interior Girder 2	3.8333	0.95	1	1	2.051701
SU5_str	BOBJ1	3.8333	Before	Interior Girder 3	3.8333	0.95	1	1	2.032921
SU5_str	BOBJ1	3.8333	Before	Interior Girder 4	3.8333	0.95	1	1	2.045258
SU5_str	BOBJ1	3.8333	Before	Interior Girder 5	3.8333	0.95	1	1	1.941032
SU5_str	BOBJ1	3.8333	Before	Right Exterior Girder	3.8333	0.95	1	1	3.516199
SU5_str	BOBJ1	3.8333	After	Left Exterior Girder	3.8333	0.95	1	1	3.517062
SU5_str	BOBJ1	3.8333	After	Interior Girder 1	3.8333	0.95	1	1	1.973275
SU5_str	BOBJ1	3.8333	After	Interior Girder 2	3.8333	0.95	1	1	2.075056
SU5_str	BOBJ1	3.8333	After	Interior Girder 3	3.8333	0.95	1	1	2.057371
SU5_str	BOBJ1	3.8333	After	Interior Girder 4	3.8333	0.95	1	1	2.06867
SU5_str	BOBJ1	3.8333	After	Interior Girder 5	3.8333	0.95	1	1	1.986154
SU5_str	BOBJ1	3.8333	After	Right Exterior Girder	3.8333	0.95	1	1	3.517062
SU5_str	BOBJ1	5.75	Before	Left Exterior Girder	5.75	0.95	1	1	2.620639
SU5_str	BOBJ1	5.75	Before	Interior Girder 1	5.75	0.95	1	1	1.443012
SU5_str	BOBJ1	5.75	Before	Interior Girder 2	5.75	0.95	1	1	1.514874
SU5_str	BOBJ1	5.75	Before	Interior Girder 3	5.75	0.95	1	1	1.50045
SU5_str	BOBJ1	5.75	Before	Interior Girder 4	5.75	0.95	1	1	1.509844
SU5_str	BOBJ1	5.75	Before	Interior Girder 5	5.75	0.95	1	1	1.451984
SU5_str	BOBJ1	5.75	Before	Right Exterior Girder	5.75	0.95	1	1	2.620639
SU5_str	BOBJ1	5.75	After	Left Exterior Girder	5.75	0.95	1	1	2.622338
SU5_str	BOBJ1	5.75	After	Interior Girder 1	5.75	0.95	1	1	1.46516
SU5_str	BOBJ1	5.75	After	Interior Girder 2	5.75	0.95	1	1	1.526454
SU5_str	BOBJ1	5.75	After	Interior Girder 3	5.75	0.95	1	1	1.512667
SU5_str	BOBJ1	5.75	After	Interior Girder 4	5.75	0.95	1	1	1.521451
SU5_str	BOBJ1	5.75	After	Interior Girder 5	5.75	0.95	1	1	1.473744

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelINonCompStrgth-Flx - Main Span Stringers									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
SU5_str	BOBJ1	5.75	After	Right Exterior Girder	5.75	0.95	1	1	2.622338
SU5_str	BOBJ1	7.6667	Before	Left Exterior Girder	7.6667	0.95	1	1	2.267721
SU5_str	BOBJ1	7.6667	Before	Interior Girder 1	7.6667	0.95	1	1	1.245004
SU5_str	BOBJ1	7.6667	Before	Interior Girder 2	7.6667	0.95	1	1	1.295507
SU5_str	BOBJ1	7.6667	Before	Interior Girder 3	7.6667	0.95	1	1	1.282335
SU5_str	BOBJ1	7.6667	Before	Interior Girder 4	7.6667	0.95	1	1	1.291111
SU5_str	BOBJ1	7.6667	Before	Interior Girder 5	7.6667	0.95	1	1	1.252125
SU5_str	BOBJ1	7.6667	Before	Right Exterior Girder	7.6667	0.95	1	1	2.267721
SU5_str	BOBJ1	7.6667	After	Left Exterior Girder	7.6667	0.95	1	1	2.268936
SU5_str	BOBJ1	7.6667	After	Interior Girder 1	7.6667	0.95	1	1	1.253449
SU5_str	BOBJ1	7.6667	After	Interior Girder 2	7.6667	0.95	1	1	1.298411
SU5_str	BOBJ1	7.6667	After	Interior Girder 3	7.6667	0.95	1	1	1.286008
SU5_str	BOBJ1	7.6667	After	Interior Girder 4	7.6667	0.95	1	1	1.29405
SU5_str	BOBJ1	7.6667	After	Interior Girder 5	7.6667	0.95	1	1	1.260284
SU5_str	BOBJ1	7.6667	After	Right Exterior Girder	7.6667	0.95	1	1	2.268936
SU5_str	BOBJ1	9.5833	Before	Left Exterior Girder	9.5833	0.95	1	1	2.012474
SU5_str	BOBJ1	9.5833	Before	Interior Girder 1	9.5833	0.95	1	1	1.102486
SU5_str	BOBJ1	9.5833	Before	Interior Girder 2	9.5833	0.95	1	1	1.145883
SU5_str	BOBJ1	9.5833	Before	Interior Girder 3	9.5833	0.95	1	1	1.134776
SU5_str	BOBJ1	9.5833	Before	Interior Girder 4	9.5833	0.95	1	1	1.14194
SU5_str	BOBJ1	9.5833	Before	Interior Girder 5	9.5833	0.95	1	1	1.108693
SU5_str	BOBJ1	9.5833	Before	Right Exterior Girder	9.5833	0.95	1	1	2.012474
SU5_str	BOBJ1	9.5833	After	Left Exterior Girder	9.5833	0.95	1	1	2.012976
SU5_str	BOBJ1	9.5833	After	Interior Girder 1	9.5833	0.95	1	1	1.105079
SU5_str	BOBJ1	9.5833	After	Interior Girder 2	9.5833	0.95	1	1	1.147441
SU5_str	BOBJ1	9.5833	After	Interior Girder 3	9.5833	0.95	1	1	1.136496
SU5_str	BOBJ1	9.5833	After	Interior Girder 4	9.5833	0.95	1	1	1.143511
SU5_str	BOBJ1	9.5833	After	Interior Girder 5	9.5833	0.95	1	1	1.11128
SU5_str	BOBJ1	9.5833	After	Right Exterior Girder	9.5833	0.95	1	1	2.012976
SU5_str	BOBJ1	11.5	Before	Left Exterior Girder	11.5	0.95	1	1	1.9491
SU5_str	BOBJ1	11.5	Before	Interior Girder 1	11.5	0.95	1	1	1.068564
SU5_str	BOBJ1	11.5	Before	Interior Girder 2	11.5	0.95	1	1	1.108007
SU5_str	BOBJ1	11.5	Before	Interior Girder 3	11.5	0.95	1	1	1.097333
SU5_str	BOBJ1	11.5	Before	Interior Girder 4	11.5	0.95	1	1	1.104181
SU5_str	BOBJ1	11.5	Before	Interior Girder 5	11.5	0.95	1	1	1.074463
SU5_str	BOBJ1	11.5	Before	Right Exterior Girder	11.5	0.95	1	1	1.9491
SU5_str	BOBJ1	11.5	After	Left Exterior Girder	11.5	0.95	1	1	1.949167
SU5_str	BOBJ1	11.5	After	Interior Girder 1	11.5	0.95	1	1	1.068554
SU5_str	BOBJ1	11.5	After	Interior Girder 2	11.5	0.95	1	1	1.108012
SU5_str	BOBJ1	11.5	After	Interior Girder 3	11.5	0.95	1	1	1.097332
SU5_str	BOBJ1	11.5	After	Interior Girder 4	11.5	0.95	1	1	1.104186
SU5_str	BOBJ1	11.5	After	Interior Girder 5	11.5	0.95	1	1	1.074453
SU5_str	BOBJ1	11.5	After	Right Exterior Girder	11.5	0.95	1	1	1.949167
SU5_str	BOBJ1	13.4167	Before	Left Exterior Girder	13.4167	0.95	1	1	2.013223
SU5_str	BOBJ1	13.4167	Before	Interior Girder 1	13.4167	0.95	1	1	1.105451
SU5_str	BOBJ1	13.4167	Before	Interior Girder 2	13.4167	0.95	1	1	1.147715
SU5_str	BOBJ1	13.4167	Before	Interior Girder 3	13.4167	0.95	1	1	1.13676
SU5_str	BOBJ1	13.4167	Before	Interior Girder 4	13.4167	0.95	1	1	1.143784
SU5_str	BOBJ1	13.4167	Before	Interior Girder 5	13.4167	0.95	1	1	1.111654
SU5_str	BOBJ1	13.4167	Before	Right Exterior Girder	13.4167	0.95	1	1	2.013223
SU5_str	BOBJ1	13.4167	After	Left Exterior Girder	13.4167	0.95	1	1	2.012712
SU5_str	BOBJ1	13.4167	After	Interior Girder 1	13.4167	0.95	1	1	1.102837
SU5_str	BOBJ1	13.4167	After	Interior Girder 2	13.4167	0.95	1	1	1.146167
SU5_str	BOBJ1	13.4167	After	Interior Girder 3	13.4167	0.95	1	1	1.135037
SU5_str	BOBJ1	13.4167	After	Interior Girder 4	13.4167	0.95	1	1	1.142223
SU5_str	BOBJ1	13.4167	After	Interior Girder 5	13.4167	0.95	1	1	1.109046
SU5_str	BOBJ1	13.4167	After	Right Exterior Girder	13.4167	0.95	1	1	2.012711
SU5_str	BOBJ1	15.3333	Before	Left Exterior Girder	15.3333	0.95	1	1	2.269514
SU5_str	BOBJ1	15.3333	Before	Interior Girder 1	15.3333	0.95	1	1	1.254272
SU5_str	BOBJ1	15.3333	Before	Interior Girder 2	15.3333	0.95	1	1	1.299022
SU5_str	BOBJ1	15.3333	Before	Interior Girder 3	15.3333	0.95	1	1	1.286591
SU5_str	BOBJ1	15.3333	Before	Interior Girder 4	15.3333	0.95	1	1	1.29466
SU5_str	BOBJ1	15.3333	Before	Interior Girder 5	15.3333	0.95	1	1	1.261112
SU5_str	BOBJ1	15.3333	Before	Right Exterior Girder	15.3333	0.95	1	1	2.269514
SU5_str	BOBJ1	15.3333	After	Left Exterior Girder	15.3333	0.95	1	1	2.26828

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelINonCompStrgth-Flx - Main Span Stringers									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
SU5_str	BOBJ1	15.3333	After	Interior Girder 1	15.3333	0.95	1	1	1.245803
SU5_str	BOBJ1	15.3333	After	Interior Girder 2	15.3333	0.95	1	1	1.296127
SU5_str	BOBJ1	15.3333	After	Interior Girder 3	15.3333	0.95	1	1	1.282914
SU5_str	BOBJ1	15.3333	After	Interior Girder 4	15.3333	0.95	1	1	1.291729
SU5_str	BOBJ1	15.3333	After	Interior Girder 5	15.3333	0.95	1	1	1.252928
SU5_str	BOBJ1	15.3333	After	Right Exterior Girder	15.3333	0.95	1	1	2.26828
SU5_str	BOBJ1	17.25	Before	Left Exterior Girder	17.25	0.95	1	1	2.623309
SU5_str	BOBJ1	17.25	Before	Interior Girder 1	17.25	0.95	1	1	1.466574
SU5_str	BOBJ1	17.25	Before	Interior Girder 2	17.25	0.95	1	1	1.527492
SU5_str	BOBJ1	17.25	Before	Interior Girder 3	17.25	0.95	1	1	1.513663
SU5_str	BOBJ1	17.25	Before	Interior Girder 4	17.25	0.95	1	1	1.522486
SU5_str	BOBJ1	17.25	Before	Interior Girder 5	17.25	0.95	1	1	1.475166
SU5_str	BOBJ1	17.25	Before	Right Exterior Girder	17.25	0.95	1	1	2.623309
SU5_str	BOBJ1	17.25	After	Left Exterior Girder	17.25	0.95	1	1	2.62152
SU5_str	BOBJ1	17.25	After	Interior Girder 1	17.25	0.95	1	1	1.444391
SU5_str	BOBJ1	17.25	After	Interior Girder 2	17.25	0.95	1	1	1.515911
SU5_str	BOBJ1	17.25	After	Interior Girder 3	17.25	0.95	1	1	1.501439
SU5_str	BOBJ1	17.25	After	Interior Girder 4	17.25	0.95	1	1	1.510877
SU5_str	BOBJ1	17.25	After	Interior Girder 5	17.25	0.95	1	1	1.453372
SU5_str	BOBJ1	17.25	After	Right Exterior Girder	17.25	0.95	1	1	2.62152
SU5_str	BOBJ1	19.1667	Before	Left Exterior Girder	19.1667	0.95	1	1	3.518574
SU5_str	BOBJ1	19.1667	Before	Interior Girder 1	19.1667	0.95	1	1	1.975785
SU5_str	BOBJ1	19.1667	Before	Interior Girder 2	19.1667	0.95	1	1	2.07683
SU5_str	BOBJ1	19.1667	Before	Interior Girder 3	19.1667	0.95	1	1	2.059094
SU5_str	BOBJ1	19.1667	Before	Interior Girder 4	19.1667	0.95	1	1	2.070439
SU5_str	BOBJ1	19.1667	Before	Interior Girder 5	19.1667	0.95	1	1	1.988681
SU5_str	BOBJ1	19.1667	Before	Right Exterior Girder	19.1667	0.95	1	1	3.518574
SU5_str	BOBJ1	19.1667	After	Left Exterior Girder	19.1667	0.95	1	1	3.517708
SU5_str	BOBJ1	19.1667	After	Interior Girder 1	19.1667	0.95	1	1	1.929847
SU5_str	BOBJ1	19.1667	After	Interior Girder 2	19.1667	0.95	1	1	2.053455
SU5_str	BOBJ1	19.1667	After	Interior Girder 3	19.1667	0.95	1	1	2.034629
SU5_str	BOBJ1	19.1667	After	Interior Girder 4	19.1667	0.95	1	1	2.047007
SU5_str	BOBJ1	19.1667	After	Interior Girder 5	19.1667	0.95	1	1	1.943502
SU5_str	BOBJ1	19.1667	After	Right Exterior Girder	19.1667	0.95	1	1	3.517708
SU5_str	BOBJ1	21.0833	Before	Left Exterior Girder	21.0833	0.95	1	1	6.454963
SU5_str	BOBJ1	21.0833	Before	Interior Girder 1	21.0833	0.95	1	1	3.651569
SU5_str	BOBJ1	21.0833	Before	Interior Girder 2	21.0833	0.95	1	1	3.881689
SU5_str	BOBJ1	21.0833	Before	Interior Girder 3	21.0833	0.95	1	1	3.853404
SU5_str	BOBJ1	21.0833	Before	Interior Girder 4	21.0833	0.95	1	1	3.871349
SU5_str	BOBJ1	21.0833	Before	Interior Girder 5	21.0833	0.95	1	1	3.67876
SU5_str	BOBJ1	21.0833	Before	Right Exterior Girder	21.0833	0.95	1	1	6.454963
SU5_str	BOBJ1	21.0833	After	Left Exterior Girder	21.0833	0.95	1	1	6.446099
SU5_str	BOBJ1	21.0833	After	Interior Girder 1	21.0833	0.95	1	1	3.489613
SU5_str	BOBJ1	21.0833	After	Interior Girder 2	21.0833	0.95	1	1	3.782472
SU5_str	BOBJ1	21.0833	After	Interior Girder 3	21.0833	0.95	1	1	3.757819
SU5_str	BOBJ1	21.0833	After	Interior Girder 4	21.0833	0.95	1	1	3.771879
SU5_str	BOBJ1	21.0833	After	Interior Girder 5	21.0833	0.95	1	1	3.518876
SU5_str	BOBJ1	21.0833	After	Right Exterior Girder	21.0833	0.95	1	1	6.446099
SU5_str	BOBJ1	23	Before	Left Exterior Girder	23	0.95	1	1	161.354101
SU5_str	BOBJ1	23	Before	Interior Girder 1	23	0.95	1	1	67.635217
SU5_str	BOBJ1	23	Before	Interior Girder 2	23	0.95	1	1	75.714813
SU5_str	BOBJ1	23	Before	Interior Girder 3	23	0.95	1	1	81.906355
SU5_str	BOBJ1	23	Before	Interior Girder 4	23	0.95	1	1	75.008132
SU5_str	BOBJ1	23	Before	Interior Girder 5	23	0.95	1	1	67.635224
SU5_str	BOBJ1	23	Before	Right Exterior Girder	23	0.95	1	1	162.768924
SU6_str	BOBJ1	0	After	Left Exterior Girder	0	0.95	1	1	151.563665
SU6_str	BOBJ1	0	After	Interior Girder 1	0	0.95	1	1	63.820705
SU6_str	BOBJ1	0	After	Interior Girder 2	0	0.95	1	1	71.452261
SU6_str	BOBJ1	0	After	Interior Girder 3	0	0.95	1	1	76.861078
SU6_str	BOBJ1	0	After	Interior Girder 4	0	0.95	1	1	70.702323
SU6_str	BOBJ1	0	After	Interior Girder 5	0	0.95	1	1	63.820721
SU6_str	BOBJ1	0	After	Right Exterior Girder	0	0.95	1	1	152.829335
SU6_str	BOBJ1	1.9167	Before	Left Exterior Girder	1.9167	0.95	1	1	6.442665
SU6_str	BOBJ1	1.9167	Before	Interior Girder 1	1.9167	0.95	1	1	3.484337
SU6_str	BOBJ1	1.9167	Before	Interior Girder 2	1.9167	0.95	1	1	3.766958

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelINonCompStrgth-Flx - Main Span Stringers									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
SU6_str	BOBJ1	1.9167	Before	Interior Girder 3	1.9167	0.95	1	1	3.750497
SU6_str	BOBJ1	1.9167	Before	Interior Girder 4	1.9167	0.95	1	1	3.756441
SU6_str	BOBJ1	1.9167	Before	Interior Girder 5	1.9167	0.95	1	1	3.513556
SU6_str	BOBJ1	1.9167	Before	Right Exterior Girder	1.9167	0.95	1	1	6.442665
SU6_str	BOBJ1	1.9167	After	Left Exterior Girder	1.9167	0.95	1	1	6.451691
SU6_str	BOBJ1	1.9167	After	Interior Girder 1	1.9167	0.95	1	1	3.646052
SU6_str	BOBJ1	1.9167	After	Interior Girder 2	1.9167	0.95	1	1	3.858717
SU6_str	BOBJ1	1.9167	After	Interior Girder 3	1.9167	0.95	1	1	3.846106
SU6_str	BOBJ1	1.9167	After	Interior Girder 4	1.9167	0.95	1	1	3.848488
SU6_str	BOBJ1	1.9167	After	Interior Girder 5	1.9167	0.95	1	1	3.673202
SU6_str	BOBJ1	1.9167	After	Right Exterior Girder	1.9167	0.95	1	1	6.451691
SU6_str	BOBJ1	3.8333	Before	Left Exterior Girder	3.8333	0.95	1	1	3.516199
SU6_str	BOBJ1	3.8333	Before	Interior Girder 1	3.8333	0.95	1	1	1.927395
SU6_str	BOBJ1	3.8333	Before	Interior Girder 2	3.8333	0.95	1	1	2.051515
SU6_str	BOBJ1	3.8333	Before	Interior Girder 3	3.8333	0.95	1	1	2.032921
SU6_str	BOBJ1	3.8333	Before	Interior Girder 4	3.8333	0.95	1	1	2.045074
SU6_str	BOBJ1	3.8333	Before	Interior Girder 5	3.8333	0.95	1	1	1.941032
SU6_str	BOBJ1	3.8333	Before	Right Exterior Girder	3.8333	0.95	1	1	3.516199
SU6_str	BOBJ1	3.8333	After	Left Exterior Girder	3.8333	0.95	1	1	3.517062
SU6_str	BOBJ1	3.8333	After	Interior Girder 1	3.8333	0.95	1	1	1.973275
SU6_str	BOBJ1	3.8333	After	Interior Girder 2	3.8333	0.95	1	1	2.073641
SU6_str	BOBJ1	3.8333	After	Interior Girder 3	3.8333	0.95	1	1	2.057371
SU6_str	BOBJ1	3.8333	After	Interior Girder 4	3.8333	0.95	1	1	2.067264
SU6_str	BOBJ1	3.8333	After	Interior Girder 5	3.8333	0.95	1	1	1.986154
SU6_str	BOBJ1	3.8333	After	Right Exterior Girder	3.8333	0.95	1	1	3.517062
SU6_str	BOBJ1	5.75	Before	Left Exterior Girder	5.75	0.95	1	1	2.45957
SU6_str	BOBJ1	5.75	Before	Interior Girder 1	5.75	0.95	1	1	1.34934
SU6_str	BOBJ1	5.75	Before	Interior Girder 2	5.75	0.95	1	1	1.418291
SU6_str	BOBJ1	5.75	Before	Interior Girder 3	5.75	0.95	1	1	1.404341
SU6_str	BOBJ1	5.75	Before	Interior Girder 4	5.75	0.95	1	1	1.413426
SU6_str	BOBJ1	5.75	Before	Interior Girder 5	5.75	0.95	1	1	1.357734
SU6_str	BOBJ1	5.75	Before	Right Exterior Girder	5.75	0.95	1	1	2.45957
SU6_str	BOBJ1	5.75	After	Left Exterior Girder	5.75	0.95	1	1	2.460967
SU6_str	BOBJ1	5.75	After	Interior Girder 1	5.75	0.95	1	1	1.368634
SU6_str	BOBJ1	5.75	After	Interior Girder 2	5.75	0.95	1	1	1.428415
SU6_str	BOBJ1	5.75	After	Interior Girder 3	5.75	0.95	1	1	1.415065
SU6_str	BOBJ1	5.75	After	Interior Girder 4	5.75	0.95	1	1	1.423578
SU6_str	BOBJ1	5.75	After	Interior Girder 5	5.75	0.95	1	1	1.376698
SU6_str	BOBJ1	5.75	After	Right Exterior Girder	5.75	0.95	1	1	2.460967
SU6_str	BOBJ1	7.6667	Before	Left Exterior Girder	7.6667	0.95	1	1	2.045635
SU6_str	BOBJ1	7.6667	Before	Interior Girder 1	7.6667	0.95	1	1	1.124036
SU6_str	BOBJ1	7.6667	Before	Interior Girder 2	7.6667	0.95	1	1	1.171248
SU6_str	BOBJ1	7.6667	Before	Interior Girder 3	7.6667	0.95	1	1	1.15976
SU6_str	BOBJ1	7.6667	Before	Interior Girder 4	7.6667	0.95	1	1	1.167181
SU6_str	BOBJ1	7.6667	Before	Interior Girder 5	7.6667	0.95	1	1	1.130473
SU6_str	BOBJ1	7.6667	Before	Right Exterior Girder	7.6667	0.95	1	1	2.045635
SU6_str	BOBJ1	7.6667	After	Left Exterior Girder	7.6667	0.95	1	1	2.046683
SU6_str	BOBJ1	7.6667	After	Interior Girder 1	7.6667	0.95	1	1	1.134229
SU6_str	BOBJ1	7.6667	After	Interior Girder 2	7.6667	0.95	1	1	1.176594
SU6_str	BOBJ1	7.6667	After	Interior Girder 3	7.6667	0.95	1	1	1.165424
SU6_str	BOBJ1	7.6667	After	Interior Girder 4	7.6667	0.95	1	1	1.172542
SU6_str	BOBJ1	7.6667	After	Interior Girder 5	7.6667	0.95	1	1	1.140497
SU6_str	BOBJ1	7.6667	After	Right Exterior Girder	7.6667	0.95	1	1	2.046683
SU6_str	BOBJ1	9.5833	Before	Left Exterior Girder	9.5833	0.95	1	1	1.886682
SU6_str	BOBJ1	9.5833	Before	Interior Girder 1	9.5833	0.95	1	1	1.033814
SU6_str	BOBJ1	9.5833	Before	Interior Girder 2	9.5833	0.95	1	1	1.073248
SU6_str	BOBJ1	9.5833	Before	Interior Girder 3	9.5833	0.95	1	1	1.062616
SU6_str	BOBJ1	9.5833	Before	Interior Girder 4	9.5833	0.95	1	1	1.069445
SU6_str	BOBJ1	9.5833	Before	Interior Girder 5	9.5833	0.95	1	1	1.039483
SU6_str	BOBJ1	9.5833	Before	Right Exterior Girder	9.5833	0.95	1	1	1.886682
SU6_str	BOBJ1	9.5833	After	Left Exterior Girder	9.5833	0.95	1	1	1.887111
SU6_str	BOBJ1	9.5833	After	Interior Girder 1	9.5833	0.95	1	1	1.038648
SU6_str	BOBJ1	9.5833	After	Interior Girder 2	9.5833	0.95	1	1	1.075747
SU6_str	BOBJ1	9.5833	After	Interior Girder 3	9.5833	0.95	1	1	1.065254
SU6_str	BOBJ1	9.5833	After	Interior Girder 4	9.5833	0.95	1	1	1.071947

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelINonCompStrgth-Flx - Main Span Stringers									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
SU6_str	BOBJ1	9.5833	After	Interior Girder 5	9.5833	0.95	1	1	1.044237
SU6_str	BOBJ1	9.5833	After	Right Exterior Girder	9.5833	0.95	1	1	1.887111
SU6_str	BOBJ1	11.5	Before	Left Exterior Girder	11.5	0.95	1	1	1.825214
SU6_str	BOBJ1	11.5	Before	Interior Girder 1	11.5	0.95	1	1	1.001515
SU6_str	BOBJ1	11.5	Before	Interior Girder 2	11.5	0.95	1	1	1.037123
SU6_str	BOBJ1	11.5	Before	Interior Girder 3	11.5	0.95	1	1	1.026973
SU6_str	BOBJ1	11.5	Before	Interior Girder 4	11.5	0.95	1	1	1.033472
SU6_str	BOBJ1	11.5	Before	Interior Girder 5	11.5	0.95	1	1	1.006936
SU6_str	BOBJ1	11.5	Before	Right Exterior Girder	11.5	0.95	1	1	1.825214
SU6_str	BOBJ1	11.5	After	Left Exterior Girder	11.5	0.95	1	1	1.82526
SU6_str	BOBJ1	11.5	After	Interior Girder 1	11.5	0.95	1	1	1.001505
SU6_str	BOBJ1	11.5	After	Interior Girder 2	11.5	0.95	1	1	1.037127
SU6_str	BOBJ1	11.5	After	Interior Girder 3	11.5	0.95	1	1	1.026972
SU6_str	BOBJ1	11.5	After	Interior Girder 4	11.5	0.95	1	1	1.033477
SU6_str	BOBJ1	11.5	After	Interior Girder 5	11.5	0.95	1	1	1.006926
SU6_str	BOBJ1	11.5	After	Right Exterior Girder	11.5	0.95	1	1	1.82526
SU6_str	BOBJ1	13.4167	Before	Left Exterior Girder	13.4167	0.95	1	1	1.887343
SU6_str	BOBJ1	13.4167	Before	Interior Girder 1	13.4167	0.95	1	1	1.038997
SU6_str	BOBJ1	13.4167	Before	Interior Girder 2	13.4167	0.95	1	1	1.076005
SU6_str	BOBJ1	13.4167	Before	Interior Girder 3	13.4167	0.95	1	1	1.065501
SU6_str	BOBJ1	13.4167	Before	Interior Girder 4	13.4167	0.95	1	1	1.072203
SU6_str	BOBJ1	13.4167	Before	Interior Girder 5	13.4167	0.95	1	1	1.044589
SU6_str	BOBJ1	13.4167	Before	Right Exterior Girder	13.4167	0.95	1	1	1.887343
SU6_str	BOBJ1	13.4167	After	Left Exterior Girder	13.4167	0.95	1	1	1.886876
SU6_str	BOBJ1	13.4167	After	Interior Girder 1	13.4167	0.95	1	1	1.034142
SU6_str	BOBJ1	13.4167	After	Interior Girder 2	13.4167	0.95	1	1	1.073514
SU6_str	BOBJ1	13.4167	After	Interior Girder 3	13.4167	0.95	1	1	1.06286
SU6_str	BOBJ1	13.4167	After	Interior Girder 4	13.4167	0.95	1	1	1.06971
SU6_str	BOBJ1	13.4167	After	Interior Girder 5	13.4167	0.95	1	1	1.039813
SU6_str	BOBJ1	13.4167	After	Right Exterior Girder	13.4167	0.95	1	1	1.886876
SU6_str	BOBJ1	15.3333	Before	Left Exterior Girder	15.3333	0.95	1	1	2.047202
SU6_str	BOBJ1	15.3333	Before	Interior Girder 1	15.3333	0.95	1	1	1.134974
SU6_str	BOBJ1	15.3333	Before	Interior Girder 2	15.3333	0.95	1	1	1.177148
SU6_str	BOBJ1	15.3333	Before	Interior Girder 3	15.3333	0.95	1	1	1.165952
SU6_str	BOBJ1	15.3333	Before	Interior Girder 4	15.3333	0.95	1	1	1.173094
SU6_str	BOBJ1	15.3333	Before	Interior Girder 5	15.3333	0.95	1	1	1.141247
SU6_str	BOBJ1	15.3333	Before	Right Exterior Girder	15.3333	0.95	1	1	2.047202
SU6_str	BOBJ1	15.3333	After	Left Exterior Girder	15.3333	0.95	1	1	2.04614
SU6_str	BOBJ1	15.3333	After	Interior Girder 1	15.3333	0.95	1	1	1.124757
SU6_str	BOBJ1	15.3333	After	Interior Girder 2	15.3333	0.95	1	1	1.171808
SU6_str	BOBJ1	15.3333	After	Interior Girder 3	15.3333	0.95	1	1	1.160284
SU6_str	BOBJ1	15.3333	After	Interior Girder 4	15.3333	0.95	1	1	1.167739
SU6_str	BOBJ1	15.3333	After	Interior Girder 5	15.3333	0.95	1	1	1.131198
SU6_str	BOBJ1	15.3333	After	Right Exterior Girder	15.3333	0.95	1	1	2.04614
SU6_str	BOBJ1	17.25	Before	Left Exterior Girder	17.25	0.95	1	1	2.461875
SU6_str	BOBJ1	17.25	Before	Interior Girder 1	17.25	0.95	1	1	1.369955
SU6_str	BOBJ1	17.25	Before	Interior Girder 2	17.25	0.95	1	1	1.429387
SU6_str	BOBJ1	17.25	Before	Interior Girder 3	17.25	0.95	1	1	1.415997
SU6_str	BOBJ1	17.25	Before	Interior Girder 4	17.25	0.95	1	1	1.424546
SU6_str	BOBJ1	17.25	Before	Interior Girder 5	17.25	0.95	1	1	1.378027
SU6_str	BOBJ1	17.25	Before	Right Exterior Girder	17.25	0.95	1	1	2.461875
SU6_str	BOBJ1	17.25	After	Left Exterior Girder	17.25	0.95	1	1	2.460399
SU6_str	BOBJ1	17.25	After	Interior Girder 1	17.25	0.95	1	1	1.35063
SU6_str	BOBJ1	17.25	After	Interior Girder 2	17.25	0.95	1	1	1.419262
SU6_str	BOBJ1	17.25	After	Interior Girder 3	17.25	0.95	1	1	1.405267
SU6_str	BOBJ1	17.25	After	Interior Girder 4	17.25	0.95	1	1	1.414394
SU6_str	BOBJ1	17.25	After	Interior Girder 5	17.25	0.95	1	1	1.359031
SU6_str	BOBJ1	17.25	After	Right Exterior Girder	17.25	0.95	1	1	2.460399
SU6_str	BOBJ1	19.1667	Before	Left Exterior Girder	19.1667	0.95	1	1	3.518574
SU6_str	BOBJ1	19.1667	Before	Interior Girder 1	19.1667	0.95	1	1	1.975785
SU6_str	BOBJ1	19.1667	Before	Interior Girder 2	19.1667	0.95	1	1	2.075414
SU6_str	BOBJ1	19.1667	Before	Interior Girder 3	19.1667	0.95	1	1	2.059094
SU6_str	BOBJ1	19.1667	Before	Interior Girder 4	19.1667	0.95	1	1	2.069031
SU6_str	BOBJ1	19.1667	Before	Interior Girder 5	19.1667	0.95	1	1	1.988681
SU6_str	BOBJ1	19.1667	Before	Right Exterior Girder	19.1667	0.95	1	1	3.518574

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelINonCompStrgth-Flx - Main Span Stringers									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
SU6_str	BOBJ1	19.1667	After	Left Exterior Girder	19.1667	0.95	1	1	3.517708
SU6_str	BOBJ1	19.1667	After	Interior Girder 1	19.1667	0.95	1	1	1.929847
SU6_str	BOBJ1	19.1667	After	Interior Girder 2	19.1667	0.95	1	1	2.053269
SU6_str	BOBJ1	19.1667	After	Interior Girder 3	19.1667	0.95	1	1	2.034629
SU6_str	BOBJ1	19.1667	After	Interior Girder 4	19.1667	0.95	1	1	2.046822
SU6_str	BOBJ1	19.1667	After	Interior Girder 5	19.1667	0.95	1	1	1.943502
SU6_str	BOBJ1	19.1667	After	Right Exterior Girder	19.1667	0.95	1	1	3.517708
SU6_str	BOBJ1	21.0833	Before	Left Exterior Girder	21.0833	0.95	1	1	6.454963
SU6_str	BOBJ1	21.0833	Before	Interior Girder 1	21.0833	0.95	1	1	3.651569
SU6_str	BOBJ1	21.0833	Before	Interior Girder 2	21.0833	0.95	1	1	3.862615
SU6_str	BOBJ1	21.0833	Before	Interior Girder 3	21.0833	0.95	1	1	3.849978
SU6_str	BOBJ1	21.0833	Before	Interior Girder 4	21.0833	0.95	1	1	3.852376
SU6_str	BOBJ1	21.0833	Before	Interior Girder 5	21.0833	0.95	1	1	3.67876
SU6_str	BOBJ1	21.0833	Before	Right Exterior Girder	21.0833	0.95	1	1	6.454963
SU6_str	BOBJ1	21.0833	After	Left Exterior Girder	21.0833	0.95	1	1	6.446099
SU6_str	BOBJ1	21.0833	After	Interior Girder 1	21.0833	0.95	1	1	3.489613
SU6_str	BOBJ1	21.0833	After	Interior Girder 2	21.0833	0.95	1	1	3.770744
SU6_str	BOBJ1	21.0833	After	Interior Girder 3	21.0833	0.95	1	1	3.754285
SU6_str	BOBJ1	21.0833	After	Interior Girder 4	21.0833	0.95	1	1	3.760217
SU6_str	BOBJ1	21.0833	After	Interior Girder 5	21.0833	0.95	1	1	3.518876
SU6_str	BOBJ1	21.0833	After	Right Exterior Girder	21.0833	0.95	1	1	6.446099
SU6_str	BOBJ1	23	Before	Left Exterior Girder	23	0.95	1	1	151.617522
SU6_str	BOBJ1	23	Before	Interior Girder 1	23	0.95	1	1	63.620091
SU6_str	BOBJ1	23	Before	Interior Girder 2	23	0.95	1	1	71.337786
SU6_str	BOBJ1	23	Before	Interior Girder 3	23	0.95	1	1	76.737477
SU6_str	BOBJ1	23	Before	Interior Girder 4	23	0.95	1	1	70.588998
SU6_str	BOBJ1	23	Before	Interior Girder 5	23	0.95	1	1	63.620096
SU6_str	BOBJ1	23	Before	Right Exterior Girder	23	0.95	1	1	152.883623
SU7_str	BOBJ1	0	After	Left Exterior Girder	0	0.95	1	1	151.563665
SU7_str	BOBJ1	0	After	Interior Girder 1	0	0.95	1	1	63.820705
SU7_str	BOBJ1	0	After	Interior Girder 2	0	0.95	1	1	71.452261
SU7_str	BOBJ1	0	After	Interior Girder 3	0	0.95	1	1	76.861078
SU7_str	BOBJ1	0	After	Interior Girder 4	0	0.95	1	1	70.702323
SU7_str	BOBJ1	0	After	Interior Girder 5	0	0.95	1	1	63.820721
SU7_str	BOBJ1	0	After	Right Exterior Girder	0	0.95	1	1	152.829335
SU7_str	BOBJ1	1.9167	Before	Left Exterior Girder	1.9167	0.95	1	1	6.442665
SU7_str	BOBJ1	1.9167	Before	Interior Girder 1	1.9167	0.95	1	1	3.484337
SU7_str	BOBJ1	1.9167	Before	Interior Girder 2	1.9167	0.95	1	1	3.766958
SU7_str	BOBJ1	1.9167	Before	Interior Girder 3	1.9167	0.95	1	1	3.750497
SU7_str	BOBJ1	1.9167	Before	Interior Girder 4	1.9167	0.95	1	1	3.756441
SU7_str	BOBJ1	1.9167	Before	Interior Girder 5	1.9167	0.95	1	1	3.513556
SU7_str	BOBJ1	1.9167	Before	Right Exterior Girder	1.9167	0.95	1	1	6.442665
SU7_str	BOBJ1	1.9167	After	Left Exterior Girder	1.9167	0.95	1	1	6.451691
SU7_str	BOBJ1	1.9167	After	Interior Girder 1	1.9167	0.95	1	1	3.646052
SU7_str	BOBJ1	1.9167	After	Interior Girder 2	1.9167	0.95	1	1	3.858717
SU7_str	BOBJ1	1.9167	After	Interior Girder 3	1.9167	0.95	1	1	3.846106
SU7_str	BOBJ1	1.9167	After	Interior Girder 4	1.9167	0.95	1	1	3.848488
SU7_str	BOBJ1	1.9167	After	Interior Girder 5	1.9167	0.95	1	1	3.673202
SU7_str	BOBJ1	1.9167	After	Right Exterior Girder	1.9167	0.95	1	1	6.451691
SU7_str	BOBJ1	3.8333	Before	Left Exterior Girder	3.8333	0.95	1	1	3.516199
SU7_str	BOBJ1	3.8333	Before	Interior Girder 1	3.8333	0.95	1	1	1.927395
SU7_str	BOBJ1	3.8333	Before	Interior Girder 2	3.8333	0.95	1	1	2.051515
SU7_str	BOBJ1	3.8333	Before	Interior Girder 3	3.8333	0.95	1	1	2.032921
SU7_str	BOBJ1	3.8333	Before	Interior Girder 4	3.8333	0.95	1	1	2.045074
SU7_str	BOBJ1	3.8333	Before	Interior Girder 5	3.8333	0.95	1	1	1.941032
SU7_str	BOBJ1	3.8333	Before	Right Exterior Girder	3.8333	0.95	1	1	3.516199
SU7_str	BOBJ1	3.8333	After	Left Exterior Girder	3.8333	0.95	1	1	3.517062
SU7_str	BOBJ1	3.8333	After	Interior Girder 1	3.8333	0.95	1	1	1.973275
SU7_str	BOBJ1	3.8333	After	Interior Girder 2	3.8333	0.95	1	1	2.073641
SU7_str	BOBJ1	3.8333	After	Interior Girder 3	3.8333	0.95	1	1	2.057371
SU7_str	BOBJ1	3.8333	After	Interior Girder 4	3.8333	0.95	1	1	2.067264
SU7_str	BOBJ1	3.8333	After	Interior Girder 5	3.8333	0.95	1	1	1.986154
SU7_str	BOBJ1	3.8333	After	Right Exterior Girder	3.8333	0.95	1	1	3.517062
SU7_str	BOBJ1	5.75	Before	Left Exterior Girder	5.75	0.95	1	1	2.45957
SU7_str	BOBJ1	5.75	Before	Interior Girder 1	5.75	0.95	1	1	1.34934

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelINonCompStrgth-Flx - Main Span Stringers									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
SU7_str	BOBJ1	5.75	Before	Interior Girder 2	5.75	0.95	1	1	1.418291
SU7_str	BOBJ1	5.75	Before	Interior Girder 3	5.75	0.95	1	1	1.404341
SU7_str	BOBJ1	5.75	Before	Interior Girder 4	5.75	0.95	1	1	1.413426
SU7_str	BOBJ1	5.75	Before	Interior Girder 5	5.75	0.95	1	1	1.357734
SU7_str	BOBJ1	5.75	Before	Right Exterior Girder	5.75	0.95	1	1	2.45957
SU7_str	BOBJ1	5.75	After	Left Exterior Girder	5.75	0.95	1	1	2.460967
SU7_str	BOBJ1	5.75	After	Interior Girder 1	5.75	0.95	1	1	1.368634
SU7_str	BOBJ1	5.75	After	Interior Girder 2	5.75	0.95	1	1	1.428415
SU7_str	BOBJ1	5.75	After	Interior Girder 3	5.75	0.95	1	1	1.415065
SU7_str	BOBJ1	5.75	After	Interior Girder 4	5.75	0.95	1	1	1.423578
SU7_str	BOBJ1	5.75	After	Interior Girder 5	5.75	0.95	1	1	1.376698
SU7_str	BOBJ1	5.75	After	Right Exterior Girder	5.75	0.95	1	1	2.460967
SU7_str	BOBJ1	7.6667	Before	Left Exterior Girder	7.6667	0.95	1	1	2.045635
SU7_str	BOBJ1	7.6667	Before	Interior Girder 1	7.6667	0.95	1	1	1.124036
SU7_str	BOBJ1	7.6667	Before	Interior Girder 2	7.6667	0.95	1	1	1.171248
SU7_str	BOBJ1	7.6667	Before	Interior Girder 3	7.6667	0.95	1	1	1.15976
SU7_str	BOBJ1	7.6667	Before	Interior Girder 4	7.6667	0.95	1	1	1.167181
SU7_str	BOBJ1	7.6667	Before	Interior Girder 5	7.6667	0.95	1	1	1.130473
SU7_str	BOBJ1	7.6667	Before	Right Exterior Girder	7.6667	0.95	1	1	2.045635
SU7_str	BOBJ1	7.6667	After	Left Exterior Girder	7.6667	0.95	1	1	2.046683
SU7_str	BOBJ1	7.6667	After	Interior Girder 1	7.6667	0.95	1	1	1.134229
SU7_str	BOBJ1	7.6667	After	Interior Girder 2	7.6667	0.95	1	1	1.176594
SU7_str	BOBJ1	7.6667	After	Interior Girder 3	7.6667	0.95	1	1	1.165424
SU7_str	BOBJ1	7.6667	After	Interior Girder 4	7.6667	0.95	1	1	1.172542
SU7_str	BOBJ1	7.6667	After	Interior Girder 5	7.6667	0.95	1	1	1.140497
SU7_str	BOBJ1	7.6667	After	Right Exterior Girder	7.6667	0.95	1	1	2.046683
SU7_str	BOBJ1	9.5833	Before	Left Exterior Girder	9.5833	0.95	1	1	1.846292
SU7_str	BOBJ1	9.5833	Before	Interior Girder 1	9.5833	0.95	1	1	1.011413
SU7_str	BOBJ1	9.5833	Before	Interior Girder 2	9.5833	0.95	1	1	1.049405
SU7_str	BOBJ1	9.5833	Before	Interior Girder 3	9.5833	0.95	1	1	1.038866
SU7_str	BOBJ1	9.5833	Before	Interior Girder 4	9.5833	0.95	1	1	1.045614
SU7_str	BOBJ1	9.5833	Before	Interior Girder 5	9.5833	0.95	1	1	1.016871
SU7_str	BOBJ1	9.5833	Before	Right Exterior Girder	9.5833	0.95	1	1	1.846292
SU7_str	BOBJ1	9.5833	After	Left Exterior Girder	9.5833	0.95	1	1	1.846704
SU7_str	BOBJ1	9.5833	After	Interior Girder 1	9.5833	0.95	1	1	1.01634
SU7_str	BOBJ1	9.5833	After	Interior Girder 2	9.5833	0.95	1	1	1.051942
SU7_str	BOBJ1	9.5833	After	Interior Girder 3	9.5833	0.95	1	1	1.041541
SU7_str	BOBJ1	9.5833	After	Interior Girder 4	9.5833	0.95	1	1	1.048155
SU7_str	BOBJ1	9.5833	After	Interior Girder 5	9.5833	0.95	1	1	1.021715
SU7_str	BOBJ1	9.5833	After	Right Exterior Girder	9.5833	0.95	1	1	1.846704
SU7_str	BOBJ1	11.5	Before	Left Exterior Girder	11.5	0.95	1	1	1.825214
SU7_str	BOBJ1	11.5	Before	Interior Girder 1	11.5	0.95	1	1	1.001515
SU7_str	BOBJ1	11.5	Before	Interior Girder 2	11.5	0.95	1	1	1.036624
SU7_str	BOBJ1	11.5	Before	Interior Girder 3	11.5	0.95	1	1	1.026433
SU7_str	BOBJ1	11.5	Before	Interior Girder 4	11.5	0.95	1	1	1.032977
SU7_str	BOBJ1	11.5	Before	Interior Girder 5	11.5	0.95	1	1	1.006936
SU7_str	BOBJ1	11.5	Before	Right Exterior Girder	11.5	0.95	1	1	1.825214
SU7_str	BOBJ1	11.5	After	Left Exterior Girder	11.5	0.95	1	1	1.82526
SU7_str	BOBJ1	11.5	After	Interior Girder 1	11.5	0.95	1	1	1.001505
SU7_str	BOBJ1	11.5	After	Interior Girder 2	11.5	0.95	1	1	1.036629
SU7_str	BOBJ1	11.5	After	Interior Girder 3	11.5	0.95	1	1	1.026431
SU7_str	BOBJ1	11.5	After	Interior Girder 4	11.5	0.95	1	1	1.032982
SU7_str	BOBJ1	11.5	After	Interior Girder 5	11.5	0.95	1	1	1.006926
SU7_str	BOBJ1	11.5	After	Right Exterior Girder	11.5	0.95	1	1	1.82526
SU7_str	BOBJ1	13.4167	Before	Left Exterior Girder	13.4167	0.95	1	1	1.846931
SU7_str	BOBJ1	13.4167	Before	Interior Girder 1	13.4167	0.95	1	1	1.016682
SU7_str	BOBJ1	13.4167	Before	Interior Girder 2	13.4167	0.95	1	1	1.052193
SU7_str	BOBJ1	13.4167	Before	Interior Girder 3	13.4167	0.95	1	1	1.041783
SU7_str	BOBJ1	13.4167	Before	Interior Girder 4	13.4167	0.95	1	1	1.048405
SU7_str	BOBJ1	13.4167	Before	Interior Girder 5	13.4167	0.95	1	1	1.022059
SU7_str	BOBJ1	13.4167	Before	Right Exterior Girder	13.4167	0.95	1	1	1.846931
SU7_str	BOBJ1	13.4167	After	Left Exterior Girder	13.4167	0.95	1	1	1.846483
SU7_str	BOBJ1	13.4167	After	Interior Girder 1	13.4167	0.95	1	1	1.011735
SU7_str	BOBJ1	13.4167	After	Interior Girder 2	13.4167	0.95	1	1	1.049665
SU7_str	BOBJ1	13.4167	After	Interior Girder 3	13.4167	0.95	1	1	1.039105

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelINonCompStrgth-Flx - Main Span Stringers									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
SU7_str	BOBJ1	13.4167	After	Interior Girder 4	13.4167	0.95	1	1	1.045874
SU7_str	BOBJ1	13.4167	After	Interior Girder 5	13.4167	0.95	1	1	1.017194
SU7_str	BOBJ1	13.4167	After	Right Exterior Girder	13.4167	0.95	1	1	1.846483
SU7_str	BOBJ1	15.3333	Before	Left Exterior Girder	15.3333	0.95	1	1	2.047202
SU7_str	BOBJ1	15.3333	Before	Interior Girder 1	15.3333	0.95	1	1	1.134974
SU7_str	BOBJ1	15.3333	Before	Interior Girder 2	15.3333	0.95	1	1	1.177148
SU7_str	BOBJ1	15.3333	Before	Interior Girder 3	15.3333	0.95	1	1	1.165952
SU7_str	BOBJ1	15.3333	Before	Interior Girder 4	15.3333	0.95	1	1	1.173094
SU7_str	BOBJ1	15.3333	Before	Interior Girder 5	15.3333	0.95	1	1	1.141247
SU7_str	BOBJ1	15.3333	Before	Right Exterior Girder	15.3333	0.95	1	1	2.047202
SU7_str	BOBJ1	15.3333	After	Left Exterior Girder	15.3333	0.95	1	1	2.04614
SU7_str	BOBJ1	15.3333	After	Interior Girder 1	15.3333	0.95	1	1	1.124757
SU7_str	BOBJ1	15.3333	After	Interior Girder 2	15.3333	0.95	1	1	1.171808
SU7_str	BOBJ1	15.3333	After	Interior Girder 3	15.3333	0.95	1	1	1.160284
SU7_str	BOBJ1	15.3333	After	Interior Girder 4	15.3333	0.95	1	1	1.167739
SU7_str	BOBJ1	15.3333	After	Interior Girder 5	15.3333	0.95	1	1	1.131198
SU7_str	BOBJ1	15.3333	After	Right Exterior Girder	15.3333	0.95	1	1	2.04614
SU7_str	BOBJ1	17.25	Before	Left Exterior Girder	17.25	0.95	1	1	2.461875
SU7_str	BOBJ1	17.25	Before	Interior Girder 1	17.25	0.95	1	1	1.369955
SU7_str	BOBJ1	17.25	Before	Interior Girder 2	17.25	0.95	1	1	1.429387
SU7_str	BOBJ1	17.25	Before	Interior Girder 3	17.25	0.95	1	1	1.415997
SU7_str	BOBJ1	17.25	Before	Interior Girder 4	17.25	0.95	1	1	1.424546
SU7_str	BOBJ1	17.25	Before	Interior Girder 5	17.25	0.95	1	1	1.378027
SU7_str	BOBJ1	17.25	Before	Right Exterior Girder	17.25	0.95	1	1	2.461875
SU7_str	BOBJ1	17.25	After	Left Exterior Girder	17.25	0.95	1	1	2.460399
SU7_str	BOBJ1	17.25	After	Interior Girder 1	17.25	0.95	1	1	1.35063
SU7_str	BOBJ1	17.25	After	Interior Girder 2	17.25	0.95	1	1	1.419262
SU7_str	BOBJ1	17.25	After	Interior Girder 3	17.25	0.95	1	1	1.405267
SU7_str	BOBJ1	17.25	After	Interior Girder 4	17.25	0.95	1	1	1.414394
SU7_str	BOBJ1	17.25	After	Interior Girder 5	17.25	0.95	1	1	1.359031
SU7_str	BOBJ1	17.25	After	Right Exterior Girder	17.25	0.95	1	1	2.460399
SU7_str	BOBJ1	19.1667	Before	Left Exterior Girder	19.1667	0.95	1	1	3.518574
SU7_str	BOBJ1	19.1667	Before	Interior Girder 1	19.1667	0.95	1	1	1.975785
SU7_str	BOBJ1	19.1667	Before	Interior Girder 2	19.1667	0.95	1	1	2.075414
SU7_str	BOBJ1	19.1667	Before	Interior Girder 3	19.1667	0.95	1	1	2.059094
SU7_str	BOBJ1	19.1667	Before	Interior Girder 4	19.1667	0.95	1	1	2.069031
SU7_str	BOBJ1	19.1667	Before	Interior Girder 5	19.1667	0.95	1	1	1.988681
SU7_str	BOBJ1	19.1667	Before	Right Exterior Girder	19.1667	0.95	1	1	3.518574
SU7_str	BOBJ1	19.1667	After	Left Exterior Girder	19.1667	0.95	1	1	3.517708
SU7_str	BOBJ1	19.1667	After	Interior Girder 1	19.1667	0.95	1	1	1.929847
SU7_str	BOBJ1	19.1667	After	Interior Girder 2	19.1667	0.95	1	1	2.053269
SU7_str	BOBJ1	19.1667	After	Interior Girder 3	19.1667	0.95	1	1	2.034629
SU7_str	BOBJ1	19.1667	After	Interior Girder 4	19.1667	0.95	1	1	2.046822
SU7_str	BOBJ1	19.1667	After	Interior Girder 5	19.1667	0.95	1	1	1.943502
SU7_str	BOBJ1	19.1667	After	Right Exterior Girder	19.1667	0.95	1	1	3.517708
SU7_str	BOBJ1	21.0833	Before	Left Exterior Girder	21.0833	0.95	1	1	6.454963
SU7_str	BOBJ1	21.0833	Before	Interior Girder 1	21.0833	0.95	1	1	3.651569
SU7_str	BOBJ1	21.0833	Before	Interior Girder 2	21.0833	0.95	1	1	3.862615
SU7_str	BOBJ1	21.0833	Before	Interior Girder 3	21.0833	0.95	1	1	3.849978
SU7_str	BOBJ1	21.0833	Before	Interior Girder 4	21.0833	0.95	1	1	3.852376
SU7_str	BOBJ1	21.0833	Before	Interior Girder 5	21.0833	0.95	1	1	3.67876
SU7_str	BOBJ1	21.0833	Before	Right Exterior Girder	21.0833	0.95	1	1	6.454963
SU7_str	BOBJ1	21.0833	After	Left Exterior Girder	21.0833	0.95	1	1	6.446099
SU7_str	BOBJ1	21.0833	After	Interior Girder 1	21.0833	0.95	1	1	3.489613
SU7_str	BOBJ1	21.0833	After	Interior Girder 2	21.0833	0.95	1	1	3.770744
SU7_str	BOBJ1	21.0833	After	Interior Girder 3	21.0833	0.95	1	1	3.754285
SU7_str	BOBJ1	21.0833	After	Interior Girder 4	21.0833	0.95	1	1	3.760217
SU7_str	BOBJ1	21.0833	After	Interior Girder 5	21.0833	0.95	1	1	3.518876
SU7_str	BOBJ1	21.0833	After	Right Exterior Girder	21.0833	0.95	1	1	6.446099
SU7_str	BOBJ1	23	Before	Left Exterior Girder	23	0.95	1	1	151.617522
SU7_str	BOBJ1	23	Before	Interior Girder 1	23	0.95	1	1	63.620091
SU7_str	BOBJ1	23	Before	Interior Girder 2	23	0.95	1	1	71.337786
SU7_str	BOBJ1	23	Before	Interior Girder 3	23	0.95	1	1	76.737477
SU7_str	BOBJ1	23	Before	Interior Girder 4	23	0.95	1	1	70.588998
SU7_str	BOBJ1	23	Before	Interior Girder 5	23	0.95	1	1	63.620096

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelINonCompStrgth-Flx - Main Span Stringers									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
SU7_str	BOBJ1	23	Before	Right Exterior Girder	23	0.95	1	1	152.883623
Type 3_str	BOBJ1	0	After	Left Exterior Girder	0	0.95	1	1	206.923833
Type 3_str	BOBJ1	0	After	Interior Girder 1	0	0.95	1	1	87.453682
Type 3_str	BOBJ1	0	After	Interior Girder 2	0	0.95	1	1	97.507431
Type 3_str	BOBJ1	0	After	Interior Girder 3	0	0.95	1	1	105.846137
Type 3_str	BOBJ1	0	After	Interior Girder 4	0	0.95	1	1	96.611875
Type 3_str	BOBJ1	0	After	Interior Girder 5	0	0.95	1	1	87.453707
Type 3_str	BOBJ1	0	After	Right Exterior Girder	0	0.95	1	1	208.817569
Type 3_str	BOBJ1	1.9167	Before	Left Exterior Girder	1.9167	0.95	1	1	7.810181
Type 3_str	BOBJ1	1.9167	Before	Interior Girder 1	1.9167	0.95	1	1	4.168768
Type 3_str	BOBJ1	1.9167	Before	Interior Girder 2	1.9167	0.95	1	1	4.561238
Type 3_str	BOBJ1	1.9167	Before	Interior Girder 3	1.9167	0.95	1	1	4.535872
Type 3_str	BOBJ1	1.9167	Before	Interior Girder 4	1.9167	0.95	1	1	4.549554
Type 3_str	BOBJ1	1.9167	Before	Interior Girder 5	1.9167	0.95	1	1	4.206512
Type 3_str	BOBJ1	1.9167	Before	Right Exterior Girder	1.9167	0.95	1	1	7.810181
Type 3_str	BOBJ1	1.9167	After	Left Exterior Girder	1.9167	0.95	1	1	7.816901
Type 3_str	BOBJ1	1.9167	After	Interior Girder 1	1.9167	0.95	1	1	4.342421
Type 3_str	BOBJ1	1.9167	After	Interior Girder 2	1.9167	0.95	1	1	4.670366
Type 3_str	BOBJ1	1.9167	After	Interior Girder 3	1.9167	0.95	1	1	4.638637
Type 3_str	BOBJ1	1.9167	After	Interior Girder 4	1.9167	0.95	1	1	4.658893
Type 3_str	BOBJ1	1.9167	After	Interior Girder 5	1.9167	0.95	1	1	4.378022
Type 3_str	BOBJ1	1.9167	After	Right Exterior Girder	1.9167	0.95	1	1	7.816901
Type 3_str	BOBJ1	3.8333	Before	Left Exterior Girder	3.8333	0.95	1	1	4.381575
Type 3_str	BOBJ1	3.8333	Before	Interior Girder 1	3.8333	0.95	1	1	2.35821
Type 3_str	BOBJ1	3.8333	Before	Interior Girder 2	3.8333	0.95	1	1	2.538486
Type 3_str	BOBJ1	3.8333	Before	Interior Girder 3	3.8333	0.95	1	1	2.515992
Type 3_str	BOBJ1	3.8333	Before	Interior Girder 4	3.8333	0.95	1	1	2.530786
Type 3_str	BOBJ1	3.8333	Before	Interior Girder 5	3.8333	0.95	1	1	2.3764
Type 3_str	BOBJ1	3.8333	Before	Right Exterior Girder	3.8333	0.95	1	1	4.381574
Type 3_str	BOBJ1	3.8333	After	Left Exterior Girder	3.8333	0.95	1	1	4.381271
Type 3_str	BOBJ1	3.8333	After	Interior Girder 1	3.8333	0.95	1	1	2.407894
Type 3_str	BOBJ1	3.8333	After	Interior Girder 2	3.8333	0.95	1	1	2.56371
Type 3_str	BOBJ1	3.8333	After	Interior Girder 3	3.8333	0.95	1	1	2.542264
Type 3_str	BOBJ1	3.8333	After	Interior Girder 4	3.8333	0.95	1	1	2.556057
Type 3_str	BOBJ1	3.8333	After	Interior Girder 5	3.8333	0.95	1	1	2.425311
Type 3_str	BOBJ1	3.8333	After	Right Exterior Girder	3.8333	0.95	1	1	4.381271
Type 3_str	BOBJ1	5.75	Before	Left Exterior Girder	5.75	0.95	1	1	3.207349
Type 3_str	BOBJ1	5.75	Before	Interior Girder 1	5.75	0.95	1	1	1.743867
Type 3_str	BOBJ1	5.75	Before	Interior Girder 2	5.75	0.95	1	1	1.84739
Type 3_str	BOBJ1	5.75	Before	Interior Girder 3	5.75	0.95	1	1	1.83048
Type 3_str	BOBJ1	5.75	Before	Interior Girder 4	5.75	0.95	1	1	1.841596
Type 3_str	BOBJ1	5.75	Before	Interior Girder 5	5.75	0.95	1	1	1.755841
Type 3_str	BOBJ1	5.75	Before	Right Exterior Girder	5.75	0.95	1	1	3.207349
Type 3_str	BOBJ1	5.75	After	Left Exterior Girder	5.75	0.95	1	1	3.208917
Type 3_str	BOBJ1	5.75	After	Interior Girder 1	5.75	0.95	1	1	1.767261
Type 3_str	BOBJ1	5.75	After	Interior Girder 2	5.75	0.95	1	1	1.859632
Type 3_str	BOBJ1	5.75	After	Interior Girder 3	5.75	0.95	1	1	1.843368
Type 3_str	BOBJ1	5.75	After	Interior Girder 4	5.75	0.95	1	1	1.853862
Type 3_str	BOBJ1	5.75	After	Interior Girder 5	5.75	0.95	1	1	1.778831
Type 3_str	BOBJ1	5.75	After	Right Exterior Girder	5.75	0.95	1	1	3.208917
Type 3_str	BOBJ1	7.6667	Before	Left Exterior Girder	7.6667	0.95	1	1	2.6941
Type 3_str	BOBJ1	7.6667	Before	Interior Girder 1	7.6667	0.95	1	1	1.470167
Type 3_str	BOBJ1	7.6667	Before	Interior Girder 2	7.6667	0.95	1	1	1.54109
Type 3_str	BOBJ1	7.6667	Before	Interior Girder 3	7.6667	0.95	1	1	1.526779
Type 3_str	BOBJ1	7.6667	Before	Interior Girder 4	7.6667	0.95	1	1	1.536082
Type 3_str	BOBJ1	7.6667	Before	Interior Girder 5	7.6667	0.95	1	1	1.479297
Type 3_str	BOBJ1	7.6667	Before	Right Exterior Girder	7.6667	0.95	1	1	2.6941
Type 3_str	BOBJ1	7.6667	After	Left Exterior Girder	7.6667	0.95	1	1	2.69546
Type 3_str	BOBJ1	7.6667	After	Interior Girder 1	7.6667	0.95	1	1	1.483533
Type 3_str	BOBJ1	7.6667	After	Interior Girder 2	7.6667	0.95	1	1	1.548056
Type 3_str	BOBJ1	7.6667	After	Interior Girder 3	7.6667	0.95	1	1	1.534084
Type 3_str	BOBJ1	7.6667	After	Interior Girder 4	7.6667	0.95	1	1	1.543054
Type 3_str	BOBJ1	7.6667	After	Interior Girder 5	7.6667	0.95	1	1	1.492435
Type 3_str	BOBJ1	7.6667	After	Right Exterior Girder	7.6667	0.95	1	1	2.69546
Type 3_str	BOBJ1	9.5833	Before	Left Exterior Girder	9.5833	0.95	1	1	2.48573

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelINonCompStrgth-Flx - Main Span Stringers									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Type 3_str	BOBJ1	9.5833	Before	Interior Girder 1	9.5833	0.95	1	1	1.357523
Type 3_str	BOBJ1	9.5833	Before	Interior Girder 2	9.5833	0.95	1	1	1.415161
Type 3_str	BOBJ1	9.5833	Before	Interior Girder 3	9.5833	0.95	1	1	1.402027
Type 3_str	BOBJ1	9.5833	Before	Interior Girder 4	9.5833	0.95	1	1	1.410502
Type 3_str	BOBJ1	9.5833	Before	Interior Girder 5	9.5833	0.95	1	1	1.365527
Type 3_str	BOBJ1	9.5833	Before	Right Exterior Girder	9.5833	0.95	1	1	2.48573
Type 3_str	BOBJ1	9.5833	After	Left Exterior Girder	9.5833	0.95	1	1	2.486289
Type 3_str	BOBJ1	9.5833	After	Interior Girder 1	9.5833	0.95	1	1	1.365644
Type 3_str	BOBJ1	9.5833	After	Interior Girder 2	9.5833	0.95	1	1	1.419237
Type 3_str	BOBJ1	9.5833	After	Interior Girder 3	9.5833	0.95	1	1	1.406248
Type 3_str	BOBJ1	9.5833	After	Interior Girder 4	9.5833	0.95	1	1	1.414573
Type 3_str	BOBJ1	9.5833	After	Interior Girder 5	9.5833	0.95	1	1	1.373486
Type 3_str	BOBJ1	9.5833	After	Right Exterior Girder	9.5833	0.95	1	1	2.486289
Type 3_str	BOBJ1	11.5	Before	Left Exterior Girder	11.5	0.95	1	1	2.479146
Type 3_str	BOBJ1	11.5	Before	Interior Girder 1	11.5	0.95	1	1	1.352121
Type 3_str	BOBJ1	11.5	Before	Interior Girder 2	11.5	0.95	1	1	1.401592
Type 3_str	BOBJ1	11.5	Before	Interior Girder 3	11.5	0.95	1	1	1.387903
Type 3_str	BOBJ1	11.5	Before	Interior Girder 4	11.5	0.95	1	1	1.397003
Type 3_str	BOBJ1	11.5	Before	Interior Girder 5	11.5	0.95	1	1	1.359943
Type 3_str	BOBJ1	11.5	Before	Right Exterior Girder	11.5	0.95	1	1	2.479146
Type 3_str	BOBJ1	11.5	After	Left Exterior Girder	11.5	0.95	1	1	2.479244
Type 3_str	BOBJ1	11.5	After	Interior Girder 1	11.5	0.95	1	1	1.352108
Type 3_str	BOBJ1	11.5	After	Interior Girder 2	11.5	0.95	1	1	1.401599
Type 3_str	BOBJ1	11.5	After	Interior Girder 3	11.5	0.95	1	1	1.387901
Type 3_str	BOBJ1	11.5	After	Interior Girder 4	11.5	0.95	1	1	1.397009
Type 3_str	BOBJ1	11.5	After	Interior Girder 5	11.5	0.95	1	1	1.359929
Type 3_str	BOBJ1	11.5	After	Right Exterior Girder	11.5	0.95	1	1	2.479244
Type 3_str	BOBJ1	13.4167	Before	Left Exterior Girder	13.4167	0.95	1	1	2.486595
Type 3_str	BOBJ1	13.4167	Before	Interior Girder 1	13.4167	0.95	1	1	1.366104
Type 3_str	BOBJ1	13.4167	Before	Interior Girder 2	13.4167	0.95	1	1	1.419577
Type 3_str	BOBJ1	13.4167	Before	Interior Girder 3	13.4167	0.95	1	1	1.406574
Type 3_str	BOBJ1	13.4167	Before	Interior Girder 4	13.4167	0.95	1	1	1.414912
Type 3_str	BOBJ1	13.4167	Before	Interior Girder 5	13.4167	0.95	1	1	1.373948
Type 3_str	BOBJ1	13.4167	Before	Right Exterior Girder	13.4167	0.95	1	1	2.486595
Type 3_str	BOBJ1	13.4167	After	Left Exterior Girder	13.4167	0.95	1	1	2.485961
Type 3_str	BOBJ1	13.4167	After	Interior Girder 1	13.4167	0.95	1	1	1.357955
Type 3_str	BOBJ1	13.4167	After	Interior Girder 2	13.4167	0.95	1	1	1.415512
Type 3_str	BOBJ1	13.4167	After	Interior Girder 3	13.4167	0.95	1	1	1.402349
Type 3_str	BOBJ1	13.4167	After	Interior Girder 4	13.4167	0.95	1	1	1.410852
Type 3_str	BOBJ1	13.4167	After	Interior Girder 5	13.4167	0.95	1	1	1.365961
Type 3_str	BOBJ1	13.4167	After	Right Exterior Girder	13.4167	0.95	1	1	2.485961
Type 3_str	BOBJ1	15.3333	Before	Left Exterior Girder	15.3333	0.95	1	1	2.696112
Type 3_str	BOBJ1	15.3333	Before	Interior Girder 1	15.3333	0.95	1	1	1.484508
Type 3_str	BOBJ1	15.3333	Before	Interior Girder 2	15.3333	0.95	1	1	1.548785
Type 3_str	BOBJ1	15.3333	Before	Interior Girder 3	15.3333	0.95	1	1	1.53478
Type 3_str	BOBJ1	15.3333	Before	Interior Girder 4	15.3333	0.95	1	1	1.543781
Type 3_str	BOBJ1	15.3333	Before	Interior Girder 5	15.3333	0.95	1	1	1.493416
Type 3_str	BOBJ1	15.3333	Before	Right Exterior Girder	15.3333	0.95	1	1	2.696112
Type 3_str	BOBJ1	15.3333	After	Left Exterior Girder	15.3333	0.95	1	1	2.694703
Type 3_str	BOBJ1	15.3333	After	Interior Girder 1	15.3333	0.95	1	1	1.471109
Type 3_str	BOBJ1	15.3333	After	Interior Girder 2	15.3333	0.95	1	1	1.541828
Type 3_str	BOBJ1	15.3333	After	Interior Girder 3	15.3333	0.95	1	1	1.527468
Type 3_str	BOBJ1	15.3333	After	Interior Girder 4	15.3333	0.95	1	1	1.536817
Type 3_str	BOBJ1	15.3333	After	Interior Girder 5	15.3333	0.95	1	1	1.480246
Type 3_str	BOBJ1	15.3333	After	Right Exterior Girder	15.3333	0.95	1	1	2.694703
Type 3_str	BOBJ1	17.25	Before	Left Exterior Girder	17.25	0.95	1	1	3.210051
Type 3_str	BOBJ1	17.25	Before	Interior Girder 1	17.25	0.95	1	1	1.768967
Type 3_str	BOBJ1	17.25	Before	Interior Girder 2	17.25	0.95	1	1	1.860897
Type 3_str	BOBJ1	17.25	Before	Interior Girder 3	17.25	0.95	1	1	1.844582
Type 3_str	BOBJ1	17.25	Before	Interior Girder 4	17.25	0.95	1	1	1.855124
Type 3_str	BOBJ1	17.25	Before	Interior Girder 5	17.25	0.95	1	1	1.780547
Type 3_str	BOBJ1	17.25	Before	Right Exterior Girder	17.25	0.95	1	1	3.210051
Type 3_str	BOBJ1	17.25	After	Left Exterior Girder	17.25	0.95	1	1	3.208339
Type 3_str	BOBJ1	17.25	After	Interior Girder 1	17.25	0.95	1	1	1.745533
Type 3_str	BOBJ1	17.25	After	Interior Girder 2	17.25	0.95	1	1	1.848654

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelINonCompStrgth-Flx - Main Span Stringers									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Type 3_str	BOBJ1	17.25	After	Interior Girder 3	17.25	0.95	1	1	1.831687
Type 3_str	BOBJ1	17.25	After	Interior Girder 4	17.25	0.95	1	1	1.842857
Type 3_str	BOBJ1	17.25	After	Interior Girder 5	17.25	0.95	1	1	1.757519
Type 3_str	BOBJ1	17.25	After	Right Exterior Girder	17.25	0.95	1	1	3.208339
Type 3_str	BOBJ1	19.1667	Before	Left Exterior Girder	19.1667	0.95	1	1	4.383155
Type 3_str	BOBJ1	19.1667	Before	Interior Girder 1	19.1667	0.95	1	1	2.410957
Type 3_str	BOBJ1	19.1667	Before	Interior Girder 2	19.1667	0.95	1	1	2.565902
Type 3_str	BOBJ1	19.1667	Before	Interior Girder 3	19.1667	0.95	1	1	2.544394
Type 3_str	BOBJ1	19.1667	Before	Interior Girder 4	19.1667	0.95	1	1	2.558242
Type 3_str	BOBJ1	19.1667	Before	Interior Girder 5	19.1667	0.95	1	1	2.428396
Type 3_str	BOBJ1	19.1667	Before	Right Exterior Girder	19.1667	0.95	1	1	4.383155
Type 3_str	BOBJ1	19.1667	After	Left Exterior Girder	19.1667	0.95	1	1	4.383454
Type 3_str	BOBJ1	19.1667	After	Interior Girder 1	19.1667	0.95	1	1	2.36121
Type 3_str	BOBJ1	19.1667	After	Interior Girder 2	19.1667	0.95	1	1	2.540656
Type 3_str	BOBJ1	19.1667	After	Interior Girder 3	19.1667	0.95	1	1	2.518105
Type 3_str	BOBJ1	19.1667	After	Interior Girder 4	19.1667	0.95	1	1	2.53295
Type 3_str	BOBJ1	19.1667	After	Interior Girder 5	19.1667	0.95	1	1	2.379423
Type 3_str	BOBJ1	19.1667	After	Right Exterior Girder	19.1667	0.95	1	1	4.383454
Type 3_str	BOBJ1	21.0833	Before	Left Exterior Girder	21.0833	0.95	1	1	7.820866
Type 3_str	BOBJ1	21.0833	Before	Interior Girder 1	21.0833	0.95	1	1	4.348992
Type 3_str	BOBJ1	21.0833	Before	Interior Girder 2	21.0833	0.95	1	1	4.675084
Type 3_str	BOBJ1	21.0833	Before	Interior Girder 3	21.0833	0.95	1	1	4.643307
Type 3_str	BOBJ1	21.0833	Before	Interior Girder 4	21.0833	0.95	1	1	4.663599
Type 3_str	BOBJ1	21.0833	Before	Interior Girder 5	21.0833	0.95	1	1	4.384647
Type 3_str	BOBJ1	21.0833	Before	Right Exterior Girder	21.0833	0.95	1	1	7.820866
Type 3_str	BOBJ1	21.0833	After	Left Exterior Girder	21.0833	0.95	1	1	7.814182
Type 3_str	BOBJ1	21.0833	After	Interior Girder 1	21.0833	0.95	1	1	4.175081
Type 3_str	BOBJ1	21.0833	After	Interior Girder 2	21.0833	0.95	1	1	4.565822
Type 3_str	BOBJ1	21.0833	After	Interior Girder 3	21.0833	0.95	1	1	4.540454
Type 3_str	BOBJ1	21.0833	After	Interior Girder 4	21.0833	0.95	1	1	4.554127
Type 3_str	BOBJ1	21.0833	After	Interior Girder 5	21.0833	0.95	1	1	4.212882
Type 3_str	BOBJ1	21.0833	After	Right Exterior Girder	21.0833	0.95	1	1	7.814182
Type 3_str	BOBJ1	23	Before	Left Exterior Girder	23	0.95	1	1	206.997361
Type 3_str	BOBJ1	23	Before	Interior Girder 1	23	0.95	1	1	87.184457
Type 3_str	BOBJ1	23	Before	Interior Girder 2	23	0.95	1	1	97.353557
Type 3_str	BOBJ1	23	Before	Interior Girder 3	23	0.95	1	1	105.678705
Type 3_str	BOBJ1	23	Before	Interior Girder 4	23	0.95	1	1	96.459338
Type 3_str	BOBJ1	23	Before	Interior Girder 5	23	0.95	1	1	87.184466
Type 3_str	BOBJ1	23	Before	Right Exterior Girder	23	0.95	1	1	208.891743
Type 3S2_str	BOBJ1	0	After	Left Exterior Girder	0	0.95	1	1	211.091101
Type 3S2_str	BOBJ1	0	After	Interior Girder 1	0	0.95	1	1	90.541061
Type 3S2_str	BOBJ1	0	After	Interior Girder 2	0	0.95	1	1	100.40176
Type 3S2_str	BOBJ1	0	After	Interior Girder 3	0	0.95	1	1	108.745051
Type 3S2_str	BOBJ1	0	After	Interior Girder 4	0	0.95	1	1	99.264451
Type 3S2_str	BOBJ1	0	After	Interior Girder 5	0	0.95	1	1	90.541086
Type 3S2_str	BOBJ1	0	After	Right Exterior Girder	0	0.95	1	1	213.032309
Type 3S2_str	BOBJ1	1.9167	Before	Left Exterior Girder	1.9167	0.95	1	1	8.160317
Type 3S2_str	BOBJ1	1.9167	Before	Interior Girder 1	1.9167	0.95	1	1	4.384699
Type 3S2_str	BOBJ1	1.9167	Before	Interior Girder 2	1.9167	0.95	1	1	4.779281
Type 3S2_str	BOBJ1	1.9167	Before	Interior Girder 3	1.9167	0.95	1	1	4.751915
Type 3S2_str	BOBJ1	1.9167	Before	Interior Girder 4	1.9167	0.95	1	1	4.766893
Type 3S2_str	BOBJ1	1.9167	Before	Interior Girder 5	1.9167	0.95	1	1	4.423311
Type 3S2_str	BOBJ1	1.9167	Before	Right Exterior Girder	1.9167	0.95	1	1	8.160317
Type 3S2_str	BOBJ1	1.9167	After	Left Exterior Girder	1.9167	0.95	1	1	8.17069
Type 3S2_str	BOBJ1	1.9167	After	Interior Girder 1	1.9167	0.95	1	1	4.572881
Type 3S2_str	BOBJ1	1.9167	After	Interior Girder 2	1.9167	0.95	1	1	4.89728
Type 3S2_str	BOBJ1	1.9167	After	Interior Girder 3	1.9167	0.95	1	1	4.863766
Type 3S2_str	BOBJ1	1.9167	After	Interior Girder 4	1.9167	0.95	1	1	4.885143
Type 3S2_str	BOBJ1	1.9167	After	Interior Girder 5	1.9167	0.95	1	1	4.609172
Type 3S2_str	BOBJ1	1.9167	After	Right Exterior Girder	1.9167	0.95	1	1	8.17069
Type 3S2_str	BOBJ1	3.8333	Before	Left Exterior Girder	3.8333	0.95	1	1	4.476368
Type 3S2_str	BOBJ1	3.8333	Before	Interior Girder 1	3.8333	0.95	1	1	2.434088
Type 3S2_str	BOBJ1	3.8333	Before	Interior Girder 2	3.8333	0.95	1	1	2.606315
Type 3S2_str	BOBJ1	3.8333	Before	Interior Girder 3	3.8333	0.95	1	1	2.583444
Type 3S2_str	BOBJ1	3.8333	Before	Interior Girder 4	3.8333	0.95	1	1	2.598522

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelINonCompStrgth-Flx - Main Span Stringers									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Type 3S2_str	BOBJ1	3.8333	Before	Interior Girder 5	3.8333	0.95	1	1	2.452358
Type 3S2_str	BOBJ1	3.8333	Before	Right Exterior Girder	3.8333	0.95	1	1	4.476368
Type 3S2_str	BOBJ1	3.8333	After	Left Exterior Girder	3.8333	0.95	1	1	4.476886
Type 3S2_str	BOBJ1	3.8333	After	Interior Girder 1	3.8333	0.95	1	1	2.487523
Type 3S2_str	BOBJ1	3.8333	After	Interior Girder 2	3.8333	0.95	1	1	2.633553
Type 3S2_str	BOBJ1	3.8333	After	Interior Girder 3	3.8333	0.95	1	1	2.611891
Type 3S2_str	BOBJ1	3.8333	After	Interior Girder 4	3.8333	0.95	1	1	2.625814
Type 3S2_str	BOBJ1	3.8333	After	Interior Girder 5	3.8333	0.95	1	1	2.504932
Type 3S2_str	BOBJ1	3.8333	After	Right Exterior Girder	3.8333	0.95	1	1	4.476886
Type 3S2_str	BOBJ1	5.75	Before	Left Exterior Girder	5.75	0.95	1	1	3.359058
Type 3S2_str	BOBJ1	5.75	Before	Interior Girder 1	5.75	0.95	1	1	1.832076
Type 3S2_str	BOBJ1	5.75	Before	Interior Girder 2	5.75	0.95	1	1	1.935494
Type 3S2_str	BOBJ1	5.75	Before	Interior Girder 3	5.75	0.95	1	1	1.91747
Type 3S2_str	BOBJ1	5.75	Before	Interior Girder 4	5.75	0.95	1	1	1.929252
Type 3S2_str	BOBJ1	5.75	Before	Interior Girder 5	5.75	0.95	1	1	1.844267
Type 3S2_str	BOBJ1	5.75	Before	Right Exterior Girder	5.75	0.95	1	1	3.359058
Type 3S2_str	BOBJ1	5.75	After	Left Exterior Girder	5.75	0.95	1	1	3.360848
Type 3S2_str	BOBJ1	5.75	After	Interior Girder 1	5.75	0.95	1	1	1.857617
Type 3S2_str	BOBJ1	5.75	After	Interior Girder 2	5.75	0.95	1	1	1.948866
Type 3S2_str	BOBJ1	5.75	After	Interior Girder 3	5.75	0.95	1	1	1.93158
Type 3S2_str	BOBJ1	5.75	After	Interior Girder 4	5.75	0.95	1	1	1.942652
Type 3S2_str	BOBJ1	5.75	After	Interior Girder 5	5.75	0.95	1	1	1.869373
Type 3S2_str	BOBJ1	5.75	After	Right Exterior Girder	5.75	0.95	1	1	3.360848
Type 3S2_str	BOBJ1	7.6667	Before	Left Exterior Girder	7.6667	0.95	1	1	2.931458
Type 3S2_str	BOBJ1	7.6667	Before	Interior Girder 1	7.6667	0.95	1	1	1.596702
Type 3S2_str	BOBJ1	7.6667	Before	Interior Girder 2	7.6667	0.95	1	1	1.673144
Type 3S2_str	BOBJ1	7.6667	Before	Interior Girder 3	7.6667	0.95	1	1	1.657202
Type 3S2_str	BOBJ1	7.6667	Before	Interior Girder 4	7.6667	0.95	1	1	1.667491
Type 3S2_str	BOBJ1	7.6667	Before	Interior Girder 5	7.6667	0.95	1	1	1.60635
Type 3S2_str	BOBJ1	7.6667	Before	Right Exterior Girder	7.6667	0.95	1	1	2.931458
Type 3S2_str	BOBJ1	7.6667	After	Left Exterior Girder	7.6667	0.95	1	1	2.93294
Type 3S2_str	BOBJ1	7.6667	After	Interior Girder 1	7.6667	0.95	1	1	1.61139
Type 3S2_str	BOBJ1	7.6667	After	Interior Girder 2	7.6667	0.95	1	1	1.680816
Type 3S2_str	BOBJ1	7.6667	After	Interior Girder 3	7.6667	0.95	1	1	1.665247
Type 3S2_str	BOBJ1	7.6667	After	Interior Girder 4	7.6667	0.95	1	1	1.675171
Type 3S2_str	BOBJ1	7.6667	After	Interior Girder 5	7.6667	0.95	1	1	1.620794
Type 3S2_str	BOBJ1	7.6667	After	Right Exterior Girder	7.6667	0.95	1	1	2.93294
Type 3S2_str	BOBJ1	9.5833	Before	Left Exterior Girder	9.5833	0.95	1	1	2.726284
Type 3S2_str	BOBJ1	9.5833	Before	Interior Girder 1	9.5833	0.95	1	1	1.488854
Type 3S2_str	BOBJ1	9.5833	Before	Interior Girder 2	9.5833	0.95	1	1	1.552113
Type 3S2_str	BOBJ1	9.5833	Before	Interior Girder 3	9.5833	0.95	1	1	1.537708
Type 3S2_str	BOBJ1	9.5833	Before	Interior Girder 4	9.5833	0.95	1	1	1.547002
Type 3S2_str	BOBJ1	9.5833	Before	Interior Girder 5	9.5833	0.95	1	1	1.497632
Type 3S2_str	BOBJ1	9.5833	Before	Right Exterior Girder	9.5833	0.95	1	1	2.726284
Type 3S2_str	BOBJ1	9.5833	After	Left Exterior Girder	9.5833	0.95	1	1	2.726898
Type 3S2_str	BOBJ1	9.5833	After	Interior Girder 1	9.5833	0.95	1	1	1.489704
Type 3S2_str	BOBJ1	9.5833	After	Interior Girder 2	9.5833	0.95	1	1	1.550502
Type 3S2_str	BOBJ1	9.5833	After	Interior Girder 3	9.5833	0.95	1	1	1.536271
Type 3S2_str	BOBJ1	9.5833	After	Interior Girder 4	9.5833	0.95	1	1	1.545279
Type 3S2_str	BOBJ1	9.5833	After	Interior Girder 5	9.5833	0.95	1	1	1.498517
Type 3S2_str	BOBJ1	9.5833	After	Right Exterior Girder	9.5833	0.95	1	1	2.726898
Type 3S2_str	BOBJ1	11.5	Before	Left Exterior Girder	11.5	0.95	1	1	2.674377
Type 3S2_str	BOBJ1	11.5	Before	Interior Girder 1	11.5	0.95	1	1	1.45438
Type 3S2_str	BOBJ1	11.5	Before	Interior Girder 2	11.5	0.95	1	1	1.513026
Type 3S2_str	BOBJ1	11.5	Before	Interior Girder 3	11.5	0.95	1	1	1.498509
Type 3S2_str	BOBJ1	11.5	Before	Interior Girder 4	11.5	0.95	1	1	1.50777
Type 3S2_str	BOBJ1	11.5	Before	Interior Girder 5	11.5	0.95	1	1	1.462582
Type 3S2_str	BOBJ1	11.5	Before	Right Exterior Girder	11.5	0.95	1	1	2.674377
Type 3S2_str	BOBJ1	11.5	After	Left Exterior Girder	11.5	0.95	1	1	2.674392
Type 3S2_str	BOBJ1	11.5	After	Interior Girder 1	11.5	0.95	1	1	1.454365
Type 3S2_str	BOBJ1	11.5	After	Interior Girder 2	11.5	0.95	1	1	1.513033
Type 3S2_str	BOBJ1	11.5	After	Interior Girder 3	11.5	0.95	1	1	1.498507
Type 3S2_str	BOBJ1	11.5	After	Interior Girder 4	11.5	0.95	1	1	1.507777
Type 3S2_str	BOBJ1	11.5	After	Interior Girder 5	11.5	0.95	1	1	1.462568
Type 3S2_str	BOBJ1	11.5	After	Right Exterior Girder	11.5	0.95	1	1	2.674391

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelINonCompStrgth-Flx - Main Span Stringers									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Type 3S2_str	BOBJ1	13.4167	Before	Left Exterior Girder	13.4167	0.95	1	1	2.727234
Type 3S2_str	BOBJ1	13.4167	Before	Interior Girder 1	13.4167	0.95	1	1	1.490205
Type 3S2_str	BOBJ1	13.4167	Before	Interior Girder 2	13.4167	0.95	1	1	1.550872
Type 3S2_str	BOBJ1	13.4167	Before	Interior Girder 3	13.4167	0.95	1	1	1.536628
Type 3S2_str	BOBJ1	13.4167	Before	Interior Girder 4	13.4167	0.95	1	1	1.545648
Type 3S2_str	BOBJ1	13.4167	Before	Interior Girder 5	13.4167	0.95	1	1	1.499021
Type 3S2_str	BOBJ1	13.4167	Before	Right Exterior Girder	13.4167	0.95	1	1	2.727234
Type 3S2_str	BOBJ1	13.4167	After	Left Exterior Girder	13.4167	0.95	1	1	2.726538
Type 3S2_str	BOBJ1	13.4167	After	Interior Girder 1	13.4167	0.95	1	1	1.489328
Type 3S2_str	BOBJ1	13.4167	After	Interior Girder 2	13.4167	0.95	1	1	1.552497
Type 3S2_str	BOBJ1	13.4167	After	Interior Girder 3	13.4167	0.95	1	1	1.538061
Type 3S2_str	BOBJ1	13.4167	After	Interior Girder 4	13.4167	0.95	1	1	1.547386
Type 3S2_str	BOBJ1	13.4167	After	Interior Girder 5	13.4167	0.95	1	1	1.498109
Type 3S2_str	BOBJ1	13.4167	After	Right Exterior Girder	13.4167	0.95	1	1	2.726538
Type 3S2_str	BOBJ1	15.3333	Before	Left Exterior Girder	15.3333	0.95	1	1	2.93365
Type 3S2_str	BOBJ1	15.3333	Before	Interior Girder 1	15.3333	0.95	1	1	1.612449
Type 3S2_str	BOBJ1	15.3333	Before	Interior Girder 2	15.3333	0.95	1	1	1.681607
Type 3S2_str	BOBJ1	15.3333	Before	Interior Girder 3	15.3333	0.95	1	1	1.666003
Type 3S2_str	BOBJ1	15.3333	Before	Interior Girder 4	15.3333	0.95	1	1	1.67596
Type 3S2_str	BOBJ1	15.3333	Before	Interior Girder 5	15.3333	0.95	1	1	1.621859
Type 3S2_str	BOBJ1	15.3333	Before	Right Exterior Girder	15.3333	0.95	1	1	2.93365
Type 3S2_str	BOBJ1	15.3333	After	Left Exterior Girder	15.3333	0.95	1	1	2.932115
Type 3S2_str	BOBJ1	15.3333	After	Interior Girder 1	15.3333	0.95	1	1	1.597725
Type 3S2_str	BOBJ1	15.3333	After	Interior Girder 2	15.3333	0.95	1	1	1.673945
Type 3S2_str	BOBJ1	15.3333	After	Interior Girder 3	15.3333	0.95	1	1	1.657951
Type 3S2_str	BOBJ1	15.3333	After	Interior Girder 4	15.3333	0.95	1	1	1.668289
Type 3S2_str	BOBJ1	15.3333	After	Interior Girder 5	15.3333	0.95	1	1	1.607381
Type 3S2_str	BOBJ1	15.3333	After	Right Exterior Girder	15.3333	0.95	1	1	2.932115
Type 3S2_str	BOBJ1	17.25	Before	Left Exterior Girder	17.25	0.95	1	1	3.362035
Type 3S2_str	BOBJ1	17.25	Before	Interior Girder 1	17.25	0.95	1	1	1.859409
Type 3S2_str	BOBJ1	17.25	Before	Interior Girder 2	17.25	0.95	1	1	1.950191
Type 3S2_str	BOBJ1	17.25	Before	Interior Girder 3	17.25	0.95	1	1	1.932852
Type 3S2_str	BOBJ1	17.25	Before	Interior Girder 4	17.25	0.95	1	1	1.943974
Type 3S2_str	BOBJ1	17.25	Before	Interior Girder 5	17.25	0.95	1	1	1.871177
Type 3S2_str	BOBJ1	17.25	Before	Right Exterior Girder	17.25	0.95	1	1	3.362035
Type 3S2_str	BOBJ1	17.25	After	Left Exterior Girder	17.25	0.95	1	1	3.360102
Type 3S2_str	BOBJ1	17.25	After	Interior Girder 1	17.25	0.95	1	1	1.833827
Type 3S2_str	BOBJ1	17.25	After	Interior Girder 2	17.25	0.95	1	1	1.936819
Type 3S2_str	BOBJ1	17.25	After	Interior Girder 3	17.25	0.95	1	1	1.918734
Type 3S2_str	BOBJ1	17.25	After	Interior Girder 4	17.25	0.95	1	1	1.930573
Type 3S2_str	BOBJ1	17.25	After	Interior Girder 5	17.25	0.95	1	1	1.84603
Type 3S2_str	BOBJ1	17.25	After	Right Exterior Girder	17.25	0.95	1	1	3.360102
Type 3S2_str	BOBJ1	19.1667	Before	Left Exterior Girder	19.1667	0.95	1	1	4.478811
Type 3S2_str	BOBJ1	19.1667	Before	Interior Girder 1	19.1667	0.95	1	1	2.490687
Type 3S2_str	BOBJ1	19.1667	Before	Interior Girder 2	19.1667	0.95	1	1	2.635804
Type 3S2_str	BOBJ1	19.1667	Before	Interior Girder 3	19.1667	0.95	1	1	2.614079
Type 3S2_str	BOBJ1	19.1667	Before	Interior Girder 4	19.1667	0.95	1	1	2.62806
Type 3S2_str	BOBJ1	19.1667	Before	Interior Girder 5	19.1667	0.95	1	1	2.508119
Type 3S2_str	BOBJ1	19.1667	Before	Right Exterior Girder	19.1667	0.95	1	1	4.478811
Type 3S2_str	BOBJ1	19.1667	After	Left Exterior Girder	19.1667	0.95	1	1	4.478288
Type 3S2_str	BOBJ1	19.1667	After	Interior Girder 1	19.1667	0.95	1	1	2.437185
Type 3S2_str	BOBJ1	19.1667	After	Interior Girder 2	19.1667	0.95	1	1	2.608543
Type 3S2_str	BOBJ1	19.1667	After	Interior Girder 3	19.1667	0.95	1	1	2.585614
Type 3S2_str	BOBJ1	19.1667	After	Interior Girder 4	19.1667	0.95	1	1	2.600744
Type 3S2_str	BOBJ1	19.1667	After	Interior Girder 5	19.1667	0.95	1	1	2.455478
Type 3S2_str	BOBJ1	19.1667	After	Right Exterior Girder	19.1667	0.95	1	1	4.478288
Type 3S2_str	BOBJ1	21.0833	Before	Left Exterior Girder	21.0833	0.95	1	1	8.174834
Type 3S2_str	BOBJ1	21.0833	Before	Interior Girder 1	21.0833	0.95	1	1	4.579802
Type 3S2_str	BOBJ1	21.0833	Before	Interior Girder 2	21.0833	0.95	1	1	4.902227
Type 3S2_str	BOBJ1	21.0833	Before	Interior Girder 3	21.0833	0.95	1	1	4.868662
Type 3S2_str	BOBJ1	21.0833	Before	Interior Girder 4	21.0833	0.95	1	1	4.890078
Type 3S2_str	BOBJ1	21.0833	Before	Interior Girder 5	21.0833	0.95	1	1	4.616148
Type 3S2_str	BOBJ1	21.0833	Before	Right Exterior Girder	21.0833	0.95	1	1	8.174834
Type 3S2_str	BOBJ1	21.0833	After	Left Exterior Girder	21.0833	0.95	1	1	8.164497
Type 3S2_str	BOBJ1	21.0833	After	Interior Girder 1	21.0833	0.95	1	1	4.391339

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelINonCompStrgth-Flx - Main Span Stringers									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Type 3S2_str	BOBJ1	21.0833	After	Interior Girder 2	21.0833	0.95	1	1	4.784085
Type 3S2_str	BOBJ1	21.0833	After	Interior Girder 3	21.0833	0.95	1	1	4.756715
Type 3S2_str	BOBJ1	21.0833	After	Interior Girder 4	21.0833	0.95	1	1	4.771685
Type 3S2_str	BOBJ1	21.0833	After	Interior Girder 5	21.0833	0.95	1	1	4.430009
Type 3S2_str	BOBJ1	21.0833	After	Right Exterior Girder	21.0833	0.95	1	1	8.164497
Type 3S2_str	BOBJ1	23	Before	Left Exterior Girder	23	0.95	1	1	211.16611
Type 3S2_str	BOBJ1	23	Before	Interior Girder 1	23	0.95	1	1	90.263031
Type 3S2_str	BOBJ1	23	Before	Interior Girder 2	23	0.95	1	1	100.243574
Type 3S2_str	BOBJ1	23	Before	Interior Girder 3	23	0.95	1	1	108.573303
Type 3S2_str	BOBJ1	23	Before	Interior Girder 4	23	0.95	1	1	99.107958
Type 3S2_str	BOBJ1	23	Before	Interior Girder 5	23	0.95	1	1	90.263041
Type 3S2_str	BOBJ1	23	Before	Right Exterior Girder	23	0.95	1	1	213.107982
Type 3-3_str	BOBJ1	0	After	Left Exterior Girder	0	0.95	1	1	255.298861
Type 3-3_str	BOBJ1	0	After	Interior Girder 1	0	0.95	1	1	110.27345
Type 3-3_str	BOBJ1	0	After	Interior Girder 2	0	0.95	1	1	122.436856
Type 3-3_str	BOBJ1	0	After	Interior Girder 3	0	0.95	1	1	133.289381
Type 3-3_str	BOBJ1	0	After	Interior Girder 4	0	0.95	1	1	121.279784
Type 3-3_str	BOBJ1	0	After	Interior Girder 5	0	0.95	1	1	110.243117
Type 3-3_str	BOBJ1	0	After	Right Exterior Girder	0	0.95	1	1	257.742783
Type 3-3_str	BOBJ1	1.9167	Before	Left Exterior Girder	1.9167	0.95	1	1	9.657761
Type 3-3_str	BOBJ1	1.9167	Before	Interior Girder 1	1.9167	0.95	1	1	5.137007
Type 3-3_str	BOBJ1	1.9167	Before	Interior Girder 2	1.9167	0.95	1	1	5.629846
Type 3-3_str	BOBJ1	1.9167	Before	Interior Girder 3	1.9167	0.95	1	1	5.598487
Type 3-3_str	BOBJ1	1.9167	Before	Interior Girder 4	1.9167	0.95	1	1	5.615297
Type 3-3_str	BOBJ1	1.9167	Before	Interior Girder 5	1.9167	0.95	1	1	5.183731
Type 3-3_str	BOBJ1	1.9167	Before	Right Exterior Girder	1.9167	0.95	1	1	9.65776
Type 3-3_str	BOBJ1	1.9167	After	Left Exterior Girder	1.9167	0.95	1	1	9.66486
Type 3-3_str	BOBJ1	1.9167	After	Interior Girder 1	1.9167	0.95	1	1	5.348998
Type 3-3_str	BOBJ1	1.9167	After	Interior Girder 2	1.9167	0.95	1	1	5.763347
Type 3-3_str	BOBJ1	1.9167	After	Interior Girder 3	1.9167	0.95	1	1	5.723808
Type 3-3_str	BOBJ1	1.9167	After	Interior Girder 4	1.9167	0.95	1	1	5.749053
Type 3-3_str	BOBJ1	1.9167	After	Interior Girder 5	1.9167	0.95	1	1	5.393162
Type 3-3_str	BOBJ1	1.9167	After	Right Exterior Girder	1.9167	0.95	1	1	9.66486
Type 3-3_str	BOBJ1	3.8333	Before	Left Exterior Girder	3.8333	0.95	1	1	5.34459
Type 3-3_str	BOBJ1	3.8333	Before	Interior Girder 1	3.8333	0.95	1	1	2.882601
Type 3-3_str	BOBJ1	3.8333	Before	Interior Girder 2	3.8333	0.95	1	1	3.104141
Type 3-3_str	BOBJ1	3.8333	Before	Interior Girder 3	3.8333	0.95	1	1	3.07746
Type 3-3_str	BOBJ1	3.8333	Before	Interior Girder 4	3.8333	0.95	1	1	3.095165
Type 3-3_str	BOBJ1	3.8333	Before	Interior Girder 5	3.8333	0.95	1	1	2.905372
Type 3-3_str	BOBJ1	3.8333	Before	Right Exterior Girder	3.8333	0.95	1	1	5.34459
Type 3-3_str	BOBJ1	3.8333	After	Left Exterior Girder	3.8333	0.95	1	1	5.344174
Type 3-3_str	BOBJ1	3.8333	After	Interior Girder 1	3.8333	0.95	1	1	2.942613
Type 3-3_str	BOBJ1	3.8333	After	Interior Girder 2	3.8333	0.95	1	1	3.134456
Type 3-3_str	BOBJ1	3.8333	After	Interior Girder 3	3.8333	0.95	1	1	3.109014
Type 3-3_str	BOBJ1	3.8333	After	Interior Girder 4	3.8333	0.95	1	1	3.125529
Type 3-3_str	BOBJ1	3.8333	After	Interior Girder 5	3.8333	0.95	1	1	2.964389
Type 3-3_str	BOBJ1	3.8333	After	Right Exterior Girder	3.8333	0.95	1	1	5.344174
Type 3-3_str	BOBJ1	5.75	Before	Left Exterior Girder	5.75	0.95	1	1	3.894638
Type 3-3_str	BOBJ1	5.75	Before	Interior Girder 1	5.75	0.95	1	1	2.117553
Type 3-3_str	BOBJ1	5.75	Before	Interior Girder 2	5.75	0.95	1	1	2.243259
Type 3-3_str	BOBJ1	5.75	Before	Interior Girder 3	5.75	0.95	1	1	2.222726
Type 3-3_str	BOBJ1	5.75	Before	Interior Girder 4	5.75	0.95	1	1	2.236224
Type 3-3_str	BOBJ1	5.75	Before	Interior Girder 5	5.75	0.95	1	1	2.132092
Type 3-3_str	BOBJ1	5.75	Before	Right Exterior Girder	5.75	0.95	1	1	3.894638
Type 3-3_str	BOBJ1	5.75	After	Left Exterior Girder	5.75	0.95	1	1	3.896543
Type 3-3_str	BOBJ1	5.75	After	Interior Girder 1	5.75	0.95	1	1	2.14596
Type 3-3_str	BOBJ1	5.75	After	Interior Girder 2	5.75	0.95	1	1	2.258124
Type 3-3_str	BOBJ1	5.75	After	Interior Girder 3	5.75	0.95	1	1	2.238376
Type 3-3_str	BOBJ1	5.75	After	Interior Girder 4	5.75	0.95	1	1	2.251119
Type 3-3_str	BOBJ1	5.75	After	Interior Girder 5	5.75	0.95	1	1	2.160009
Type 3-3_str	BOBJ1	5.75	After	Right Exterior Girder	5.75	0.95	1	1	3.896543
Type 3-3_str	BOBJ1	7.6667	Before	Left Exterior Girder	7.6667	0.95	1	1	3.271407
Type 3-3_str	BOBJ1	7.6667	Before	Interior Girder 1	7.6667	0.95	1	1	1.785202
Type 3-3_str	BOBJ1	7.6667	Before	Interior Girder 2	7.6667	0.95	1	1	1.871324
Type 3-3_str	BOBJ1	7.6667	Before	Interior Girder 3	7.6667	0.95	1	1	1.853945

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelINonCompStrgth-Flx - Main Span Stringers									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Type 3-3_str	BOBJ1	7.6667	Before	Interior Girder 4	7.6667	0.95	1	1	1.865243
Type 3-3_str	BOBJ1	7.6667	Before	Interior Girder 5	7.6667	0.95	1	1	1.79629
Type 3-3_str	BOBJ1	7.6667	Before	Right Exterior Girder	7.6667	0.95	1	1	3.271407
Type 3-3_str	BOBJ1	7.6667	After	Left Exterior Girder	7.6667	0.95	1	1	3.273058
Type 3-3_str	BOBJ1	7.6667	After	Interior Girder 1	7.6667	0.95	1	1	1.801433
Type 3-3_str	BOBJ1	7.6667	After	Interior Girder 2	7.6667	0.95	1	1	1.879782
Type 3-3_str	BOBJ1	7.6667	After	Interior Girder 3	7.6667	0.95	1	1	1.862817
Type 3-3_str	BOBJ1	7.6667	After	Interior Girder 4	7.6667	0.95	1	1	1.873709
Type 3-3_str	BOBJ1	7.6667	After	Interior Girder 5	7.6667	0.95	1	1	1.812242
Type 3-3_str	BOBJ1	7.6667	After	Right Exterior Girder	7.6667	0.95	1	1	3.273058
Type 3-3_str	BOBJ1	9.5833	Before	Left Exterior Girder	9.5833	0.95	1	1	3.018386
Type 3-3_str	BOBJ1	9.5833	Before	Interior Girder 1	9.5833	0.95	1	1	1.648421
Type 3-3_str	BOBJ1	9.5833	Before	Interior Girder 2	9.5833	0.95	1	1	1.71841
Type 3-3_str	BOBJ1	9.5833	Before	Interior Girder 3	9.5833	0.95	1	1	1.702462
Type 3-3_str	BOBJ1	9.5833	Before	Interior Girder 4	9.5833	0.95	1	1	1.712753
Type 3-3_str	BOBJ1	9.5833	Before	Interior Girder 5	9.5833	0.95	1	1	1.65814
Type 3-3_str	BOBJ1	9.5833	Before	Right Exterior Girder	9.5833	0.95	1	1	3.018386
Type 3-3_str	BOBJ1	9.5833	After	Left Exterior Girder	9.5833	0.95	1	1	3.019066
Type 3-3_str	BOBJ1	9.5833	After	Interior Girder 1	9.5833	0.95	1	1	1.658282
Type 3-3_str	BOBJ1	9.5833	After	Interior Girder 2	9.5833	0.95	1	1	1.72336
Type 3-3_str	BOBJ1	9.5833	After	Interior Girder 3	9.5833	0.95	1	1	1.707586
Type 3-3_str	BOBJ1	9.5833	After	Interior Girder 4	9.5833	0.95	1	1	1.717696
Type 3-3_str	BOBJ1	9.5833	After	Interior Girder 5	9.5833	0.95	1	1	1.667804
Type 3-3_str	BOBJ1	9.5833	After	Right Exterior Girder	9.5833	0.95	1	1	3.019066
Type 3-3_str	BOBJ1	11.5	Before	Left Exterior Girder	11.5	0.95	1	1	3.010392
Type 3-3_str	BOBJ1	11.5	Before	Interior Girder 1	11.5	0.95	1	1	1.641861
Type 3-3_str	BOBJ1	11.5	Before	Interior Girder 2	11.5	0.95	1	1	1.701933
Type 3-3_str	BOBJ1	11.5	Before	Interior Girder 3	11.5	0.95	1	1	1.685311
Type 3-3_str	BOBJ1	11.5	Before	Interior Girder 4	11.5	0.95	1	1	1.69636
Type 3-3_str	BOBJ1	11.5	Before	Interior Girder 5	11.5	0.95	1	1	1.651359
Type 3-3_str	BOBJ1	11.5	Before	Right Exterior Girder	11.5	0.95	1	1	3.010392
Type 3-3_str	BOBJ1	11.5	After	Left Exterior Girder	11.5	0.95	1	1	3.010511
Type 3-3_str	BOBJ1	11.5	After	Interior Girder 1	11.5	0.95	1	1	1.641846
Type 3-3_str	BOBJ1	11.5	After	Interior Girder 2	11.5	0.95	1	1	1.701941
Type 3-3_str	BOBJ1	11.5	After	Interior Girder 3	11.5	0.95	1	1	1.685309
Type 3-3_str	BOBJ1	11.5	After	Interior Girder 4	11.5	0.95	1	1	1.696368
Type 3-3_str	BOBJ1	11.5	After	Interior Girder 5	11.5	0.95	1	1	1.651343
Type 3-3_str	BOBJ1	11.5	After	Right Exterior Girder	11.5	0.95	1	1	3.010511
Type 3-3_str	BOBJ1	13.4167	Before	Left Exterior Girder	13.4167	0.95	1	1	3.019437
Type 3-3_str	BOBJ1	13.4167	Before	Interior Girder 1	13.4167	0.95	1	1	1.65884
Type 3-3_str	BOBJ1	13.4167	Before	Interior Girder 2	13.4167	0.95	1	1	1.723772
Type 3-3_str	BOBJ1	13.4167	Before	Interior Girder 3	13.4167	0.95	1	1	1.707983
Type 3-3_str	BOBJ1	13.4167	Before	Interior Girder 4	13.4167	0.95	1	1	1.718107
Type 3-3_str	BOBJ1	13.4167	Before	Interior Girder 5	13.4167	0.95	1	1	1.668365
Type 3-3_str	BOBJ1	13.4167	Before	Right Exterior Girder	13.4167	0.95	1	1	3.019437
Type 3-3_str	BOBJ1	13.4167	After	Left Exterior Girder	13.4167	0.95	1	1	3.018667
Type 3-3_str	BOBJ1	13.4167	After	Interior Girder 1	13.4167	0.95	1	1	1.648945
Type 3-3_str	BOBJ1	13.4167	After	Interior Girder 2	13.4167	0.95	1	1	1.718836
Type 3-3_str	BOBJ1	13.4167	After	Interior Girder 3	13.4167	0.95	1	1	1.702853
Type 3-3_str	BOBJ1	13.4167	After	Interior Girder 4	13.4167	0.95	1	1	1.713177
Type 3-3_str	BOBJ1	13.4167	After	Interior Girder 5	13.4167	0.95	1	1	1.658667
Type 3-3_str	BOBJ1	13.4167	After	Right Exterior Girder	13.4167	0.95	1	1	3.018667
Type 3-3_str	BOBJ1	15.3333	Before	Left Exterior Girder	15.3333	0.95	1	1	3.273851
Type 3-3_str	BOBJ1	15.3333	Before	Interior Girder 1	15.3333	0.95	1	1	1.802617
Type 3-3_str	BOBJ1	15.3333	Before	Interior Girder 2	15.3333	0.95	1	1	1.880667
Type 3-3_str	BOBJ1	15.3333	Before	Interior Girder 3	15.3333	0.95	1	1	1.863662
Type 3-3_str	BOBJ1	15.3333	Before	Interior Girder 4	15.3333	0.95	1	1	1.874591
Type 3-3_str	BOBJ1	15.3333	Before	Interior Girder 5	15.3333	0.95	1	1	1.813433
Type 3-3_str	BOBJ1	15.3333	Before	Right Exterior Girder	15.3333	0.95	1	1	3.273851
Type 3-3_str	BOBJ1	15.3333	After	Left Exterior Girder	15.3333	0.95	1	1	3.272139
Type 3-3_str	BOBJ1	15.3333	After	Interior Girder 1	15.3333	0.95	1	1	1.786347
Type 3-3_str	BOBJ1	15.3333	After	Interior Girder 2	15.3333	0.95	1	1	1.872219
Type 3-3_str	BOBJ1	15.3333	After	Interior Girder 3	15.3333	0.95	1	1	1.854783
Type 3-3_str	BOBJ1	15.3333	After	Interior Girder 4	15.3333	0.95	1	1	1.866135
Type 3-3_str	BOBJ1	15.3333	After	Interior Girder 5	15.3333	0.95	1	1	1.797442

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelINonCompStrgth-Flx - Main Span Stringers									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Type 3-3_str	BOBJ1	15.3333	After	Right Exterior Girder	15.3333	0.95	1	1	3.272139
Type 3-3_str	BOBJ1	17.25	Before	Left Exterior Girder	17.25	0.95	1	1	3.897919
Type 3-3_str	BOBJ1	17.25	Before	Interior Girder 1	17.25	0.95	1	1	2.148031
Type 3-3_str	BOBJ1	17.25	Before	Interior Girder 2	17.25	0.95	1	1	2.25966
Type 3-3_str	BOBJ1	17.25	Before	Interior Girder 3	17.25	0.95	1	1	2.23985
Type 3-3_str	BOBJ1	17.25	Before	Interior Girder 4	17.25	0.95	1	1	2.25265
Type 3-3_str	BOBJ1	17.25	Before	Interior Girder 5	17.25	0.95	1	1	2.162093
Type 3-3_str	BOBJ1	17.25	Before	Right Exterior Girder	17.25	0.95	1	1	3.897919
Type 3-3_str	BOBJ1	17.25	After	Left Exterior Girder	17.25	0.95	1	1	3.89584
Type 3-3_str	BOBJ1	17.25	After	Interior Girder 1	17.25	0.95	1	1	2.119576
Type 3-3_str	BOBJ1	17.25	After	Interior Girder 2	17.25	0.95	1	1	2.244795
Type 3-3_str	BOBJ1	17.25	After	Interior Girder 3	17.25	0.95	1	1	2.224192
Type 3-3_str	BOBJ1	17.25	After	Interior Girder 4	17.25	0.95	1	1	2.237755
Type 3-3_str	BOBJ1	17.25	After	Interior Girder 5	17.25	0.95	1	1	2.13413
Type 3-3_str	BOBJ1	17.25	After	Right Exterior Girder	17.25	0.95	1	1	3.89584
Type 3-3_str	BOBJ1	19.1667	Before	Left Exterior Girder	19.1667	0.95	1	1	5.346472
Type 3-3_str	BOBJ1	19.1667	Before	Interior Girder 1	19.1667	0.95	1	1	2.946356
Type 3-3_str	BOBJ1	19.1667	Before	Interior Girder 2	19.1667	0.95	1	1	3.137136
Type 3-3_str	BOBJ1	19.1667	Before	Interior Girder 3	19.1667	0.95	1	1	3.111619
Type 3-3_str	BOBJ1	19.1667	Before	Interior Girder 4	19.1667	0.95	1	1	3.128201
Type 3-3_str	BOBJ1	19.1667	Before	Interior Girder 5	19.1667	0.95	1	1	2.96816
Type 3-3_str	BOBJ1	19.1667	Before	Right Exterior Girder	19.1667	0.95	1	1	5.346472
Type 3-3_str	BOBJ1	19.1667	After	Left Exterior Girder	19.1667	0.95	1	1	5.346883
Type 3-3_str	BOBJ1	19.1667	After	Interior Girder 1	19.1667	0.95	1	1	2.886269
Type 3-3_str	BOBJ1	19.1667	After	Interior Girder 2	19.1667	0.95	1	1	3.106795
Type 3-3_str	BOBJ1	19.1667	After	Interior Girder 3	19.1667	0.95	1	1	3.080046
Type 3-3_str	BOBJ1	19.1667	After	Interior Girder 4	19.1667	0.95	1	1	3.097812
Type 3-3_str	BOBJ1	19.1667	After	Interior Girder 5	19.1667	0.95	1	1	2.909068
Type 3-3_str	BOBJ1	19.1667	After	Right Exterior Girder	19.1667	0.95	1	1	5.346883
Type 3-3_str	BOBJ1	21.0833	Before	Left Exterior Girder	21.0833	0.95	1	1	9.669762
Type 3-3_str	BOBJ1	21.0833	Before	Interior Girder 1	21.0833	0.95	1	1	5.357093
Type 3-3_str	BOBJ1	21.0833	Before	Interior Girder 2	21.0833	0.95	1	1	5.769169
Type 3-3_str	BOBJ1	21.0833	Before	Interior Girder 3	21.0833	0.95	1	1	5.729571
Type 3-3_str	BOBJ1	21.0833	Before	Interior Girder 4	21.0833	0.95	1	1	5.754861
Type 3-3_str	BOBJ1	21.0833	Before	Interior Girder 5	21.0833	0.95	1	1	5.401324
Type 3-3_str	BOBJ1	21.0833	Before	Right Exterior Girder	21.0833	0.95	1	1	9.669762
Type 3-3_str	BOBJ1	21.0833	After	Left Exterior Girder	21.0833	0.95	1	1	9.662709
Type 3-3_str	BOBJ1	21.0833	After	Interior Girder 1	21.0833	0.95	1	1	5.144786
Type 3-3_str	BOBJ1	21.0833	After	Interior Girder 2	21.0833	0.95	1	1	5.635505
Type 3-3_str	BOBJ1	21.0833	After	Interior Girder 3	21.0833	0.95	1	1	5.604142
Type 3-3_str	BOBJ1	21.0833	After	Interior Girder 4	21.0833	0.95	1	1	5.620941
Type 3-3_str	BOBJ1	21.0833	After	Interior Girder 5	21.0833	0.95	1	1	5.191581
Type 3-3_str	BOBJ1	21.0833	After	Right Exterior Girder	21.0833	0.95	1	1	9.662708
Type 3-3_str	BOBJ1	23	Before	Left Exterior Girder	23	0.95	1	1	255.389579
Type 3-3_str	BOBJ1	23	Before	Interior Girder 1	23	0.95	1	1	109.939895
Type 3-3_str	BOBJ1	23	Before	Interior Girder 2	23	0.95	1	1	122.246225
Type 3-3_str	BOBJ1	23	Before	Interior Girder 3	23	0.95	1	1	133.081546
Type 3-3_str	BOBJ1	23	Before	Interior Girder 4	23	0.95	1	1	121.09084
Type 3-3_str	BOBJ1	23	Before	Interior Girder 5	23	0.95	1	1	109.909628
Type 3-3_str	BOBJ1	23	Before	Right Exterior Girder	23	0.95	1	1	257.834331
EV2_str	BOBJ1	0	After	Left Exterior Girder	0	0.95	1	1	173.346474
EV2_str	BOBJ1	0	After	Interior Girder 1	0	0.95	1	1	72.978578
EV2_str	BOBJ1	0	After	Interior Girder 2	0	0.95	1	1	81.164181
EV2_str	BOBJ1	0	After	Interior Girder 3	0	0.95	1	1	88.128011
EV2_str	BOBJ1	0	After	Interior Girder 4	0	0.95	1	1	80.245871
EV2_str	BOBJ1	0	After	Interior Girder 5	0	0.95	1	1	72.978597
EV2_str	BOBJ1	0	After	Right Exterior Girder	0	0.95	1	1	175.004919
EV2_str	BOBJ1	1.9167	Before	Left Exterior Girder	1.9167	0.95	1	1	6.248584
EV2_str	BOBJ1	1.9167	Before	Interior Girder 1	1.9167	0.95	1	1	3.33512
EV2_str	BOBJ1	1.9167	Before	Interior Girder 2	1.9167	0.95	1	1	3.659172
EV2_str	BOBJ1	1.9167	Before	Interior Girder 3	1.9167	0.95	1	1	3.648276
EV2_str	BOBJ1	1.9167	Before	Interior Girder 4	1.9167	0.95	1	1	3.651785
EV2_str	BOBJ1	1.9167	Before	Interior Girder 5	1.9167	0.95	1	1	3.366776
EV2_str	BOBJ1	1.9167	Before	Right Exterior Girder	1.9167	0.95	1	1	6.248584
EV2_str	BOBJ1	1.9167	After	Left Exterior Girder	1.9167	0.95	1	1	6.257477

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelINonCompStrgth-Flx - Main Span Stringers									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
EV2_str	BOBJ1	1.9167	After	Interior Girder 1	1.9167	0.95	1	1	3.441226
EV2_str	BOBJ1	1.9167	After	Interior Girder 2	1.9167	0.95	1	1	3.735496
EV2_str	BOBJ1	1.9167	After	Interior Girder 3	1.9167	0.95	1	1	3.715607
EV2_str	BOBJ1	1.9167	After	Interior Girder 4	1.9167	0.95	1	1	3.728331
EV2_str	BOBJ1	1.9167	After	Interior Girder 5	1.9167	0.95	1	1	3.471931
EV2_str	BOBJ1	1.9167	After	Right Exterior Girder	1.9167	0.95	1	1	6.257477
EV2_str	BOBJ1	3.8333	Before	Left Exterior Girder	3.8333	0.95	1	1	3.462957
EV2_str	BOBJ1	3.8333	Before	Interior Girder 1	3.8333	0.95	1	1	1.863714
EV2_str	BOBJ1	3.8333	Before	Interior Girder 2	3.8333	0.95	1	1	2.014496
EV2_str	BOBJ1	3.8333	Before	Interior Girder 3	3.8333	0.95	1	1	1.999468
EV2_str	BOBJ1	3.8333	Before	Interior Girder 4	3.8333	0.95	1	1	2.009443
EV2_str	BOBJ1	3.8333	Before	Interior Girder 5	3.8333	0.95	1	1	1.879148
EV2_str	BOBJ1	3.8333	Before	Right Exterior Girder	3.8333	0.95	1	1	3.462956
EV2_str	BOBJ1	3.8333	After	Left Exterior Girder	3.8333	0.95	1	1	3.463037
EV2_str	BOBJ1	3.8333	After	Interior Girder 1	3.8333	0.95	1	1	1.893599
EV2_str	BOBJ1	3.8333	After	Interior Girder 2	3.8333	0.95	1	1	2.030246
EV2_str	BOBJ1	3.8333	After	Interior Girder 3	3.8333	0.95	1	1	2.016078
EV2_str	BOBJ1	3.8333	After	Interior Girder 4	3.8333	0.95	1	1	2.025257
EV2_str	BOBJ1	3.8333	After	Interior Girder 5	3.8333	0.95	1	1	1.90865
EV2_str	BOBJ1	3.8333	After	Right Exterior Girder	3.8333	0.95	1	1	3.463037
EV2_str	BOBJ1	5.75	Before	Left Exterior Girder	5.75	0.95	1	1	2.634179
EV2_str	BOBJ1	5.75	Before	Interior Girder 1	5.75	0.95	1	1	1.417297
EV2_str	BOBJ1	5.75	Before	Interior Girder 2	5.75	0.95	1	1	1.513695
EV2_str	BOBJ1	5.75	Before	Interior Girder 3	5.75	0.95	1	1	1.501132
EV2_str	BOBJ1	5.75	Before	Interior Girder 4	5.75	0.95	1	1	1.50941
EV2_str	BOBJ1	5.75	Before	Interior Girder 5	5.75	0.95	1	1	1.427901
EV2_str	BOBJ1	5.75	Before	Right Exterior Girder	5.75	0.95	1	1	2.634179
EV2_str	BOBJ1	5.75	After	Left Exterior Girder	5.75	0.95	1	1	2.635106
EV2_str	BOBJ1	5.75	After	Interior Girder 1	5.75	0.95	1	1	1.43058
EV2_str	BOBJ1	5.75	After	Interior Girder 2	5.75	0.95	1	1	1.520979
EV2_str	BOBJ1	5.75	After	Interior Girder 3	5.75	0.95	1	1	1.508973
EV2_str	BOBJ1	5.75	After	Interior Girder 4	5.75	0.95	1	1	1.516737
EV2_str	BOBJ1	5.75	After	Interior Girder 5	5.75	0.95	1	1	1.441025
EV2_str	BOBJ1	5.75	After	Right Exterior Girder	5.75	0.95	1	1	2.635106
EV2_str	BOBJ1	7.6667	Before	Left Exterior Girder	7.6667	0.95	1	1	2.341651
EV2_str	BOBJ1	7.6667	Before	Interior Girder 1	7.6667	0.95	1	1	1.254281
EV2_str	BOBJ1	7.6667	Before	Interior Girder 2	7.6667	0.95	1	1	1.330082
EV2_str	BOBJ1	7.6667	Before	Interior Girder 3	7.6667	0.95	1	1	1.318442
EV2_str	BOBJ1	7.6667	Before	Interior Girder 4	7.6667	0.95	1	1	1.325996
EV2_str	BOBJ1	7.6667	Before	Interior Girder 5	7.6667	0.95	1	1	1.262849
EV2_str	BOBJ1	7.6667	Before	Right Exterior Girder	7.6667	0.95	1	1	2.341651
EV2_str	BOBJ1	7.6667	After	Left Exterior Girder	7.6667	0.95	1	1	2.342703
EV2_str	BOBJ1	7.6667	After	Interior Girder 1	7.6667	0.95	1	1	1.260545
EV2_str	BOBJ1	7.6667	After	Interior Girder 2	7.6667	0.95	1	1	1.33368
EV2_str	BOBJ1	7.6667	After	Interior Girder 3	7.6667	0.95	1	1	1.322321
EV2_str	BOBJ1	7.6667	After	Interior Girder 4	7.6667	0.95	1	1	1.329616
EV2_str	BOBJ1	7.6667	After	Interior Girder 5	7.6667	0.95	1	1	1.269064
EV2_str	BOBJ1	7.6667	After	Right Exterior Girder	7.6667	0.95	1	1	2.342703
EV2_str	BOBJ1	9.5833	Before	Left Exterior Girder	9.5833	0.95	1	1	2.146442
EV2_str	BOBJ1	9.5833	Before	Interior Girder 1	9.5833	0.95	1	1	1.157822
EV2_str	BOBJ1	9.5833	Before	Interior Girder 2	9.5833	0.95	1	1	1.21956
EV2_str	BOBJ1	9.5833	Before	Interior Girder 3	9.5833	0.95	1	1	1.209354
EV2_str	BOBJ1	9.5833	Before	Interior Girder 4	9.5833	0.95	1	1	1.216014
EV2_str	BOBJ1	9.5833	Before	Interior Girder 5	9.5833	0.95	1	1	1.165588
EV2_str	BOBJ1	9.5833	Before	Right Exterior Girder	9.5833	0.95	1	1	2.146442
EV2_str	BOBJ1	9.5833	After	Left Exterior Girder	9.5833	0.95	1	1	2.1471
EV2_str	BOBJ1	9.5833	After	Interior Girder 1	9.5833	0.95	1	1	1.160377
EV2_str	BOBJ1	9.5833	After	Interior Girder 2	9.5833	0.95	1	1	1.221077
EV2_str	BOBJ1	9.5833	After	Interior Girder 3	9.5833	0.95	1	1	1.210996
EV2_str	BOBJ1	9.5833	After	Interior Girder 4	9.5833	0.95	1	1	1.217536
EV2_str	BOBJ1	9.5833	After	Interior Girder 5	9.5833	0.95	1	1	1.168124
EV2_str	BOBJ1	9.5833	After	Right Exterior Girder	9.5833	0.95	1	1	2.1471
EV2_str	BOBJ1	11.5	Before	Left Exterior Girder	11.5	0.95	1	1	2.078304
EV2_str	BOBJ1	11.5	Before	Interior Girder 1	11.5	0.95	1	1	1.123158
EV2_str	BOBJ1	11.5	Before	Interior Girder 2	11.5	0.95	1	1	1.179665

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelINonCompStrgth-Flx - Main Span Stringers									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
EV2_str	BOBJ1	11.5	Before	Interior Girder 3	11.5	0.95	1	1	1.16982
EV2_str	BOBJ1	11.5	Before	Interior Girder 4	11.5	0.95	1	1	1.176206
EV2_str	BOBJ1	11.5	Before	Interior Girder 5	11.5	0.95	1	1	1.130515
EV2_str	BOBJ1	11.5	Before	Right Exterior Girder	11.5	0.95	1	1	2.078304
EV2_str	BOBJ1	11.5	After	Left Exterior Girder	11.5	0.95	1	1	2.078315
EV2_str	BOBJ1	11.5	After	Interior Girder 1	11.5	0.95	1	1	1.123148
EV2_str	BOBJ1	11.5	After	Interior Girder 2	11.5	0.95	1	1	1.17967
EV2_str	BOBJ1	11.5	After	Interior Girder 3	11.5	0.95	1	1	1.169818
EV2_str	BOBJ1	11.5	After	Interior Girder 4	11.5	0.95	1	1	1.176211
EV2_str	BOBJ1	11.5	After	Interior Girder 5	11.5	0.95	1	1	1.130504
EV2_str	BOBJ1	11.5	After	Right Exterior Girder	11.5	0.95	1	1	2.078315
EV2_str	BOBJ1	13.4167	Before	Left Exterior Girder	13.4167	0.95	1	1	2.147364
EV2_str	BOBJ1	13.4167	Before	Interior Girder 1	13.4167	0.95	1	1	1.160768
EV2_str	BOBJ1	13.4167	Before	Interior Girder 2	13.4167	0.95	1	1	1.221369
EV2_str	BOBJ1	13.4167	Before	Interior Girder 3	13.4167	0.95	1	1	1.211277
EV2_str	BOBJ1	13.4167	Before	Interior Girder 4	13.4167	0.95	1	1	1.217828
EV2_str	BOBJ1	13.4167	Before	Interior Girder 5	13.4167	0.95	1	1	1.168517
EV2_str	BOBJ1	13.4167	Before	Right Exterior Girder	13.4167	0.95	1	1	2.147364
EV2_str	BOBJ1	13.4167	After	Left Exterior Girder	13.4167	0.95	1	1	2.146729
EV2_str	BOBJ1	13.4167	After	Interior Girder 1	13.4167	0.95	1	1	1.158191
EV2_str	BOBJ1	13.4167	After	Interior Girder 2	13.4167	0.95	1	1	1.219863
EV2_str	BOBJ1	13.4167	After	Interior Girder 3	13.4167	0.95	1	1	1.209632
EV2_str	BOBJ1	13.4167	After	Interior Girder 4	13.4167	0.95	1	1	1.216315
EV2_str	BOBJ1	13.4167	After	Interior Girder 5	13.4167	0.95	1	1	1.165959
EV2_str	BOBJ1	13.4167	After	Right Exterior Girder	13.4167	0.95	1	1	2.146729
EV2_str	BOBJ1	15.3333	Before	Left Exterior Girder	15.3333	0.95	1	1	2.343275
EV2_str	BOBJ1	15.3333	Before	Interior Girder 1	15.3333	0.95	1	1	1.261373
EV2_str	BOBJ1	15.3333	Before	Interior Girder 2	15.3333	0.95	1	1	1.334308
EV2_str	BOBJ1	15.3333	Before	Interior Girder 3	15.3333	0.95	1	1	1.322921
EV2_str	BOBJ1	15.3333	Before	Interior Girder 4	15.3333	0.95	1	1	1.330242
EV2_str	BOBJ1	15.3333	Before	Interior Girder 5	15.3333	0.95	1	1	1.269898
EV2_str	BOBJ1	15.3333	Before	Right Exterior Girder	15.3333	0.95	1	1	2.343275
EV2_str	BOBJ1	15.3333	After	Left Exterior Girder	15.3333	0.95	1	1	2.342243
EV2_str	BOBJ1	15.3333	After	Interior Girder 1	15.3333	0.95	1	1	1.255086
EV2_str	BOBJ1	15.3333	After	Interior Girder 2	15.3333	0.95	1	1	1.330719
EV2_str	BOBJ1	15.3333	After	Interior Girder 3	15.3333	0.95	1	1	1.319038
EV2_str	BOBJ1	15.3333	After	Interior Girder 4	15.3333	0.95	1	1	1.32663
EV2_str	BOBJ1	15.3333	After	Interior Girder 5	15.3333	0.95	1	1	1.263658
EV2_str	BOBJ1	15.3333	After	Right Exterior Girder	15.3333	0.95	1	1	2.342243
EV2_str	BOBJ1	17.25	Before	Left Exterior Girder	17.25	0.95	1	1	2.636032
EV2_str	BOBJ1	17.25	Before	Interior Girder 1	17.25	0.95	1	1	1.431961
EV2_str	BOBJ1	17.25	Before	Interior Girder 2	17.25	0.95	1	1	1.522014
EV2_str	BOBJ1	17.25	Before	Interior Girder 3	17.25	0.95	1	1	1.509966
EV2_str	BOBJ1	17.25	Before	Interior Girder 4	17.25	0.95	1	1	1.517769
EV2_str	BOBJ1	17.25	Before	Interior Girder 5	17.25	0.95	1	1	1.442416
EV2_str	BOBJ1	17.25	Before	Right Exterior Girder	17.25	0.95	1	1	2.636032
EV2_str	BOBJ1	17.25	After	Left Exterior Girder	17.25	0.95	1	1	2.635118
EV2_str	BOBJ1	17.25	After	Interior Girder 1	17.25	0.95	1	1	1.418651
EV2_str	BOBJ1	17.25	After	Interior Girder 2	17.25	0.95	1	1	1.514731
EV2_str	BOBJ1	17.25	After	Interior Girder 3	17.25	0.95	1	1	1.502122
EV2_str	BOBJ1	17.25	After	Interior Girder 4	17.25	0.95	1	1	1.510444
EV2_str	BOBJ1	17.25	After	Interior Girder 5	17.25	0.95	1	1	1.429266
EV2_str	BOBJ1	17.25	After	Right Exterior Girder	17.25	0.95	1	1	2.635117
EV2_str	BOBJ1	19.1667	Before	Left Exterior Girder	19.1667	0.95	1	1	3.464526
EV2_str	BOBJ1	19.1667	Before	Interior Girder 1	19.1667	0.95	1	1	1.896007
EV2_str	BOBJ1	19.1667	Before	Interior Girder 2	19.1667	0.95	1	1	2.031982
EV2_str	BOBJ1	19.1667	Before	Interior Girder 3	19.1667	0.95	1	1	2.017767
EV2_str	BOBJ1	19.1667	Before	Interior Girder 4	19.1667	0.95	1	1	2.026988
EV2_str	BOBJ1	19.1667	Before	Interior Girder 5	19.1667	0.95	1	1	1.911077
EV2_str	BOBJ1	19.1667	Before	Right Exterior Girder	19.1667	0.95	1	1	3.464526
EV2_str	BOBJ1	19.1667	After	Left Exterior Girder	19.1667	0.95	1	1	3.464442
EV2_str	BOBJ1	19.1667	After	Interior Girder 1	19.1667	0.95	1	1	1.866085
EV2_str	BOBJ1	19.1667	After	Interior Girder 2	19.1667	0.95	1	1	2.016218
EV2_str	BOBJ1	19.1667	After	Interior Girder 3	19.1667	0.95	1	1	2.001148
EV2_str	BOBJ1	19.1667	After	Interior Girder 4	19.1667	0.95	1	1	2.011161

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelINonCompStrgth-Flx - Main Span Stringers									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
EV2_str	BOBJ1	19.1667	After	Interior Girder 5	19.1667	0.95	1	1	1.881539
EV2_str	BOBJ1	19.1667	After	Right Exterior Girder	19.1667	0.95	1	1	3.464442
EV2_str	BOBJ1	21.0833	Before	Left Exterior Girder	21.0833	0.95	1	1	6.260651
EV2_str	BOBJ1	21.0833	Before	Interior Girder 1	21.0833	0.95	1	1	3.446433
EV2_str	BOBJ1	21.0833	Before	Interior Girder 2	21.0833	0.95	1	1	3.739269
EV2_str	BOBJ1	21.0833	Before	Interior Girder 3	21.0833	0.95	1	1	3.719347
EV2_str	BOBJ1	21.0833	Before	Interior Girder 4	21.0833	0.95	1	1	3.732098
EV2_str	BOBJ1	21.0833	Before	Interior Girder 5	21.0833	0.95	1	1	3.477185
EV2_str	BOBJ1	21.0833	Before	Right Exterior Girder	21.0833	0.95	1	1	6.260651
EV2_str	BOBJ1	21.0833	After	Left Exterior Girder	21.0833	0.95	1	1	6.251771
EV2_str	BOBJ1	21.0833	After	Interior Girder 1	21.0833	0.95	1	1	3.340171
EV2_str	BOBJ1	21.0833	After	Interior Girder 2	21.0833	0.95	1	1	3.66285
EV2_str	BOBJ1	21.0833	After	Interior Girder 3	21.0833	0.95	1	1	3.651961
EV2_str	BOBJ1	21.0833	After	Interior Girder 4	21.0833	0.95	1	1	3.655456
EV2_str	BOBJ1	21.0833	After	Interior Girder 5	21.0833	0.95	1	1	3.371875
EV2_str	BOBJ1	21.0833	After	Right Exterior Girder	21.0833	0.95	1	1	6.251771
EV2_str	BOBJ1	23	Before	Left Exterior Girder	23	0.95	1	1	173.408071
EV2_str	BOBJ1	23	Before	Interior Girder 1	23	0.95	1	1	72.751106
EV2_str	BOBJ1	23	Before	Interior Girder 2	23	0.95	1	1	81.034895
EV2_str	BOBJ1	23	Before	Interior Girder 3	23	0.95	1	1	87.987219
EV2_str	BOBJ1	23	Before	Interior Girder 4	23	0.95	1	1	80.117979
EV2_str	BOBJ1	23	Before	Interior Girder 5	23	0.95	1	1	72.751113
EV2_str	BOBJ1	23	Before	Right Exterior Girder	23	0.95	1	1	175.067083
EV3_str	BOBJ1	0	After	Left Exterior Girder	0	0.95	1	1	108.568553
EV3_str	BOBJ1	0	After	Interior Girder 1	0	0.95	1	1	44.421557
EV3_str	BOBJ1	0	After	Interior Girder 2	0	0.95	1	1	49.97488
EV3_str	BOBJ1	0	After	Interior Girder 3	0	0.95	1	1	54.103192
EV3_str	BOBJ1	0	After	Interior Girder 4	0	0.95	1	1	49.531289
EV3_str	BOBJ1	0	After	Interior Girder 5	0	0.95	1	1	44.421568
EV3_str	BOBJ1	0	After	Right Exterior Girder	0	0.95	1	1	109.578845
EV3_str	BOBJ1	1.9167	Before	Left Exterior Girder	1.9167	0.95	1	1	4.156293
EV3_str	BOBJ1	1.9167	Before	Interior Girder 1	1.9167	0.95	1	1	2.229227
EV3_str	BOBJ1	1.9167	Before	Interior Girder 2	1.9167	0.95	1	1	2.432549
EV3_str	BOBJ1	1.9167	Before	Interior Girder 3	1.9167	0.95	1	1	2.418846
EV3_str	BOBJ1	1.9167	Before	Interior Girder 4	1.9167	0.95	1	1	2.426295
EV3_str	BOBJ1	1.9167	Before	Interior Girder 5	1.9167	0.95	1	1	2.249034
EV3_str	BOBJ1	1.9167	Before	Right Exterior Girder	1.9167	0.95	1	1	4.156293
EV3_str	BOBJ1	1.9167	After	Left Exterior Girder	1.9167	0.95	1	1	4.16109
EV3_str	BOBJ1	1.9167	After	Interior Girder 1	1.9167	0.95	1	1	2.323779
EV3_str	BOBJ1	1.9167	After	Interior Girder 2	1.9167	0.95	1	1	2.491974
EV3_str	BOBJ1	1.9167	After	Interior Girder 3	1.9167	0.95	1	1	2.475038
EV3_str	BOBJ1	1.9167	After	Interior Girder 4	1.9167	0.95	1	1	2.485842
EV3_str	BOBJ1	1.9167	After	Interior Girder 5	1.9167	0.95	1	1	2.342424
EV3_str	BOBJ1	1.9167	After	Right Exterior Girder	1.9167	0.95	1	1	4.16109
EV3_str	BOBJ1	3.8333	Before	Left Exterior Girder	3.8333	0.95	1	1	2.301911
EV3_str	BOBJ1	3.8333	Before	Interior Girder 1	3.8333	0.95	1	1	1.246988
EV3_str	BOBJ1	3.8333	Before	Interior Girder 2	3.8333	0.95	1	1	1.338003
EV3_str	BOBJ1	3.8333	Before	Interior Girder 3	3.8333	0.95	1	1	1.326248
EV3_str	BOBJ1	3.8333	Before	Interior Girder 4	3.8333	0.95	1	1	1.333999
EV3_str	BOBJ1	3.8333	Before	Interior Girder 5	3.8333	0.95	1	1	1.256505
EV3_str	BOBJ1	3.8333	Before	Right Exterior Girder	3.8333	0.95	1	1	2.301911
EV3_str	BOBJ1	3.8333	After	Left Exterior Girder	3.8333	0.95	1	1	2.301954
EV3_str	BOBJ1	3.8333	After	Interior Girder 1	3.8333	0.95	1	1	1.273912
EV3_str	BOBJ1	3.8333	After	Interior Girder 2	3.8333	0.95	1	1	1.351665
EV3_str	BOBJ1	3.8333	After	Interior Girder 3	3.8333	0.95	1	1	1.340524
EV3_str	BOBJ1	3.8333	After	Interior Girder 4	3.8333	0.95	1	1	1.347686
EV3_str	BOBJ1	3.8333	After	Interior Girder 5	3.8333	0.95	1	1	1.282996
EV3_str	BOBJ1	3.8333	After	Right Exterior Girder	3.8333	0.95	1	1	2.301954
EV3_str	BOBJ1	5.75	Before	Left Exterior Girder	5.75	0.95	1	1	1.747891
EV3_str	BOBJ1	5.75	Before	Interior Girder 1	5.75	0.95	1	1	0.948535
EV3_str	BOBJ1	5.75	Before	Interior Girder 2	5.75	0.95	1	1	1.004456
EV3_str	BOBJ1	5.75	Before	Interior Girder 3	5.75	0.95	1	1	0.995014
EV3_str	BOBJ1	5.75	Before	Interior Girder 4	5.75	0.95	1	1	1.001172
EV3_str	BOBJ1	5.75	Before	Interior Girder 5	5.75	0.95	1	1	0.954883
EV3_str	BOBJ1	5.75	Before	Right Exterior Girder	5.75	0.95	1	1	1.747891

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelINonCompStrgth-Flx - Main Span Stringers									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
EV3_str	BOBJ1	5.75	After	Left Exterior Girder	5.75	0.95	1	1	1.748755
EV3_str	BOBJ1	5.75	After	Interior Girder 1	5.75	0.95	1	1	0.961409
EV3_str	BOBJ1	5.75	After	Interior Girder 2	5.75	0.95	1	1	1.011216
EV3_str	BOBJ1	5.75	After	Interior Girder 3	5.75	0.95	1	1	1.002133
EV3_str	BOBJ1	5.75	After	Interior Girder 4	5.75	0.95	1	1	1.007947
EV3_str	BOBJ1	5.75	After	Interior Girder 5	5.75	0.95	1	1	0.967544
EV3_str	BOBJ1	5.75	After	Right Exterior Girder	5.75	0.95	1	1	1.748755
EV3_str	BOBJ1	7.6667	Before	Left Exterior Girder	7.6667	0.95	1	1	1.477409
EV3_str	BOBJ1	7.6667	Before	Interior Girder 1	7.6667	0.95	1	1	0.80622
EV3_str	BOBJ1	7.6667	Before	Interior Girder 2	7.6667	0.95	1	1	0.845114
EV3_str	BOBJ1	7.6667	Before	Interior Girder 3	7.6667	0.95	1	1	0.837266
EV3_str	BOBJ1	7.6667	Before	Interior Girder 4	7.6667	0.95	1	1	0.842368
EV3_str	BOBJ1	7.6667	Before	Interior Girder 5	7.6667	0.95	1	1	0.811228
EV3_str	BOBJ1	7.6667	Before	Right Exterior Girder	7.6667	0.95	1	1	1.477409
EV3_str	BOBJ1	7.6667	After	Left Exterior Girder	7.6667	0.95	1	1	1.478155
EV3_str	BOBJ1	7.6667	After	Interior Girder 1	7.6667	0.95	1	1	0.81355
EV3_str	BOBJ1	7.6667	After	Interior Girder 2	7.6667	0.95	1	1	0.848934
EV3_str	BOBJ1	7.6667	After	Interior Girder 3	7.6667	0.95	1	1	0.841272
EV3_str	BOBJ1	7.6667	After	Interior Girder 4	7.6667	0.95	1	1	0.846191
EV3_str	BOBJ1	7.6667	After	Interior Girder 5	7.6667	0.95	1	1	0.818432
EV3_str	BOBJ1	7.6667	After	Right Exterior Girder	7.6667	0.95	1	1	1.478155
EV3_str	BOBJ1	9.5833	Before	Left Exterior Girder	9.5833	0.95	1	1	1.363142
EV3_str	BOBJ1	9.5833	Before	Interior Girder 1	9.5833	0.95	1	1	0.744448
EV3_str	BOBJ1	9.5833	Before	Interior Girder 2	9.5833	0.95	1	1	0.776056
EV3_str	BOBJ1	9.5833	Before	Interior Girder 3	9.5833	0.95	1	1	0.768854
EV3_str	BOBJ1	9.5833	Before	Interior Girder 4	9.5833	0.95	1	1	0.773501
EV3_str	BOBJ1	9.5833	Before	Interior Girder 5	9.5833	0.95	1	1	0.748837
EV3_str	BOBJ1	9.5833	Before	Right Exterior Girder	9.5833	0.95	1	1	1.363142
EV3_str	BOBJ1	9.5833	After	Left Exterior Girder	9.5833	0.95	1	1	1.363449
EV3_str	BOBJ1	9.5833	After	Interior Girder 1	9.5833	0.95	1	1	0.748902
EV3_str	BOBJ1	9.5833	After	Interior Girder 2	9.5833	0.95	1	1	0.778291
EV3_str	BOBJ1	9.5833	After	Interior Girder 3	9.5833	0.95	1	1	0.771168
EV3_str	BOBJ1	9.5833	After	Interior Girder 4	9.5833	0.95	1	1	0.775734
EV3_str	BOBJ1	9.5833	After	Interior Girder 5	9.5833	0.95	1	1	0.753202
EV3_str	BOBJ1	9.5833	After	Right Exterior Girder	9.5833	0.95	1	1	1.363449
EV3_str	BOBJ1	11.5	Before	Left Exterior Girder	11.5	0.95	1	1	1.359532
EV3_str	BOBJ1	11.5	Before	Interior Girder 1	11.5	0.95	1	1	0.741486
EV3_str	BOBJ1	11.5	Before	Interior Girder 2	11.5	0.95	1	1	0.768615
EV3_str	BOBJ1	11.5	Before	Interior Girder 3	11.5	0.95	1	1	0.761108
EV3_str	BOBJ1	11.5	Before	Interior Girder 4	11.5	0.95	1	1	0.766098
EV3_str	BOBJ1	11.5	Before	Interior Girder 5	11.5	0.95	1	1	0.745775
EV3_str	BOBJ1	11.5	Before	Right Exterior Girder	11.5	0.95	1	1	1.359532
EV3_str	BOBJ1	11.5	After	Left Exterior Girder	11.5	0.95	1	1	1.359586
EV3_str	BOBJ1	11.5	After	Interior Girder 1	11.5	0.95	1	1	0.741479
EV3_str	BOBJ1	11.5	After	Interior Girder 2	11.5	0.95	1	1	0.768619
EV3_str	BOBJ1	11.5	After	Interior Girder 3	11.5	0.95	1	1	0.761107
EV3_str	BOBJ1	11.5	After	Interior Girder 4	11.5	0.95	1	1	0.766102
EV3_str	BOBJ1	11.5	After	Interior Girder 5	11.5	0.95	1	1	0.745768
EV3_str	BOBJ1	11.5	After	Right Exterior Girder	11.5	0.95	1	1	1.359586
EV3_str	BOBJ1	13.4167	Before	Left Exterior Girder	13.4167	0.95	1	1	1.363617
EV3_str	BOBJ1	13.4167	Before	Interior Girder 1	13.4167	0.95	1	1	0.749154
EV3_str	BOBJ1	13.4167	Before	Interior Girder 2	13.4167	0.95	1	1	0.778478
EV3_str	BOBJ1	13.4167	Before	Interior Girder 3	13.4167	0.95	1	1	0.771347
EV3_str	BOBJ1	13.4167	Before	Interior Girder 4	13.4167	0.95	1	1	0.775919
EV3_str	BOBJ1	13.4167	Before	Interior Girder 5	13.4167	0.95	1	1	0.753455
EV3_str	BOBJ1	13.4167	Before	Right Exterior Girder	13.4167	0.95	1	1	1.363617
EV3_str	BOBJ1	13.4167	After	Left Exterior Girder	13.4167	0.95	1	1	1.363269
EV3_str	BOBJ1	13.4167	After	Interior Girder 1	13.4167	0.95	1	1	0.744685
EV3_str	BOBJ1	13.4167	After	Interior Girder 2	13.4167	0.95	1	1	0.776249
EV3_str	BOBJ1	13.4167	After	Interior Girder 3	13.4167	0.95	1	1	0.76903
EV3_str	BOBJ1	13.4167	After	Interior Girder 4	13.4167	0.95	1	1	0.773693
EV3_str	BOBJ1	13.4167	After	Interior Girder 5	13.4167	0.95	1	1	0.749076
EV3_str	BOBJ1	13.4167	After	Right Exterior Girder	13.4167	0.95	1	1	1.363269
EV3_str	BOBJ1	15.3333	Before	Left Exterior Girder	15.3333	0.95	1	1	1.478513
EV3_str	BOBJ1	15.3333	Before	Interior Girder 1	15.3333	0.95	1	1	0.814085

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelINonCompStrgth-Flx - Main Span Stringers									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
EV3_str	BOBJ1	15.3333	Before	Interior Girder 2	15.3333	0.95	1	1	0.849334
EV3_str	BOBJ1	15.3333	Before	Interior Girder 3	15.3333	0.95	1	1	0.841654
EV3_str	BOBJ1	15.3333	Before	Interior Girder 4	15.3333	0.95	1	1	0.84659
EV3_str	BOBJ1	15.3333	Before	Interior Girder 5	15.3333	0.95	1	1	0.81897
EV3_str	BOBJ1	15.3333	Before	Right Exterior Girder	15.3333	0.95	1	1	1.478513
EV3_str	BOBJ1	15.3333	After	Left Exterior Girder	15.3333	0.95	1	1	1.47774
EV3_str	BOBJ1	15.3333	After	Interior Girder 1	15.3333	0.95	1	1	0.806737
EV3_str	BOBJ1	15.3333	After	Interior Girder 2	15.3333	0.95	1	1	0.845518
EV3_str	BOBJ1	15.3333	After	Interior Girder 3	15.3333	0.95	1	1	0.837644
EV3_str	BOBJ1	15.3333	After	Interior Girder 4	15.3333	0.95	1	1	0.842771
EV3_str	BOBJ1	15.3333	After	Interior Girder 5	15.3333	0.95	1	1	0.811748
EV3_str	BOBJ1	15.3333	After	Right Exterior Girder	15.3333	0.95	1	1	1.47774
EV3_str	BOBJ1	17.25	Before	Left Exterior Girder	17.25	0.95	1	1	1.749372
EV3_str	BOBJ1	17.25	Before	Interior Girder 1	17.25	0.95	1	1	0.962337
EV3_str	BOBJ1	17.25	Before	Interior Girder 2	17.25	0.95	1	1	1.011904
EV3_str	BOBJ1	17.25	Before	Interior Girder 3	17.25	0.95	1	1	1.002792
EV3_str	BOBJ1	17.25	Before	Interior Girder 4	17.25	0.95	1	1	1.008632
EV3_str	BOBJ1	17.25	Before	Interior Girder 5	17.25	0.95	1	1	0.968478
EV3_str	BOBJ1	17.25	Before	Right Exterior Girder	17.25	0.95	1	1	1.749372
EV3_str	BOBJ1	17.25	After	Left Exterior Girder	17.25	0.95	1	1	1.748431
EV3_str	BOBJ1	17.25	After	Interior Girder 1	17.25	0.95	1	1	0.949442
EV3_str	BOBJ1	17.25	After	Interior Girder 2	17.25	0.95	1	1	1.005143
EV3_str	BOBJ1	17.25	After	Interior Girder 3	17.25	0.95	1	1	0.99567
EV3_str	BOBJ1	17.25	After	Interior Girder 4	17.25	0.95	1	1	1.001857
EV3_str	BOBJ1	17.25	After	Interior Girder 5	17.25	0.95	1	1	0.955795
EV3_str	BOBJ1	17.25	After	Right Exterior Girder	17.25	0.95	1	1	1.748431
EV3_str	BOBJ1	19.1667	Before	Left Exterior Girder	19.1667	0.95	1	1	2.302944
EV3_str	BOBJ1	19.1667	Before	Interior Girder 1	19.1667	0.95	1	1	1.275532
EV3_str	BOBJ1	19.1667	Before	Interior Girder 2	19.1667	0.95	1	1	1.35282
EV3_str	BOBJ1	19.1667	Before	Interior Girder 3	19.1667	0.95	1	1	1.341647
EV3_str	BOBJ1	19.1667	Before	Interior Girder 4	19.1667	0.95	1	1	1.348838
EV3_str	BOBJ1	19.1667	Before	Interior Girder 5	19.1667	0.95	1	1	1.284627
EV3_str	BOBJ1	19.1667	Before	Right Exterior Girder	19.1667	0.95	1	1	2.302944
EV3_str	BOBJ1	19.1667	After	Left Exterior Girder	19.1667	0.95	1	1	2.302898
EV3_str	BOBJ1	19.1667	After	Interior Girder 1	19.1667	0.95	1	1	1.248575
EV3_str	BOBJ1	19.1667	After	Interior Girder 2	19.1667	0.95	1	1	1.339147
EV3_str	BOBJ1	19.1667	After	Interior Girder 3	19.1667	0.95	1	1	1.327362
EV3_str	BOBJ1	19.1667	After	Interior Girder 4	19.1667	0.95	1	1	1.335139
EV3_str	BOBJ1	19.1667	After	Interior Girder 5	19.1667	0.95	1	1	1.258104
EV3_str	BOBJ1	19.1667	After	Right Exterior Girder	19.1667	0.95	1	1	2.302898
EV3_str	BOBJ1	21.0833	Before	Left Exterior Girder	21.0833	0.95	1	1	4.1632
EV3_str	BOBJ1	21.0833	Before	Interior Girder 1	21.0833	0.95	1	1	2.327296
EV3_str	BOBJ1	21.0833	Before	Interior Girder 2	21.0833	0.95	1	1	2.494492
EV3_str	BOBJ1	21.0833	Before	Interior Girder 3	21.0833	0.95	1	1	2.47753
EV3_str	BOBJ1	21.0833	Before	Interior Girder 4	21.0833	0.95	1	1	2.488353
EV3_str	BOBJ1	21.0833	Before	Interior Girder 5	21.0833	0.95	1	1	2.345968
EV3_str	BOBJ1	21.0833	Before	Right Exterior Girder	21.0833	0.95	1	1	4.1632
EV3_str	BOBJ1	21.0833	After	Left Exterior Girder	21.0833	0.95	1	1	4.158422
EV3_str	BOBJ1	21.0833	After	Interior Girder 1	21.0833	0.95	1	1	2.232603
EV3_str	BOBJ1	21.0833	After	Interior Girder 2	21.0833	0.95	1	1	2.434994
EV3_str	BOBJ1	21.0833	After	Interior Girder 3	21.0833	0.95	1	1	2.421289
EV3_str	BOBJ1	21.0833	After	Interior Girder 4	21.0833	0.95	1	1	2.428734
EV3_str	BOBJ1	21.0833	After	Interior Girder 5	21.0833	0.95	1	1	2.252439
EV3_str	BOBJ1	21.0833	After	Right Exterior Girder	21.0833	0.95	1	1	4.158422
EV3_str	BOBJ1	23	Before	Left Exterior Girder	23	0.95	1	1	108.607132
EV3_str	BOBJ1	23	Before	Interior Girder 1	23	0.95	1	1	44.279152
EV3_str	BOBJ1	23	Before	Interior Girder 2	23	0.95	1	1	49.893735
EV3_str	BOBJ1	23	Before	Interior Girder 3	23	0.95	1	1	54.014964
EV3_str	BOBJ1	23	Before	Interior Girder 4	23	0.95	1	1	49.450842
EV3_str	BOBJ1	23	Before	Interior Girder 5	23	0.95	1	1	44.279156
EV3_str	BOBJ1	23	Before	Right Exterior Girder	23	0.95	1	1	109.617769
Gravel Truck_str	BOBJ1	0	After	Left Exterior Girder	0	0.95	1	1	137.937155
Gravel Truck_str	BOBJ1	0	After	Interior Girder 1	0	0.95	1	1	56.819875
Gravel Truck_str	BOBJ1	0	After	Interior Girder 2	0	0.95	1	1	64.140523
Gravel Truck_str	BOBJ1	0	After	Interior Girder 3	0	0.95	1	1	69.879402

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelINonCompStrgth-Flx - Main Span Stringers									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Gravel Truck_str	BOBJ1	0	After	Interior Girder 4	0	0.95	1	1	63.531934
Gravel Truck_str	BOBJ1	0	After	Interior Girder 5	0	0.95	1	1	56.819885
Gravel Truck_str	BOBJ1	0	After	Right Exterior Girder	0	0.95	1	1	139.1599
Gravel Truck_str	BOBJ1	1.9167	Before	Left Exterior Girder	1.9167	0.95	1	1	5.505543
Gravel Truck_str	BOBJ1	1.9167	Before	Interior Girder 1	1.9167	0.95	1	1	2.98113
Gravel Truck_str	BOBJ1	1.9167	Before	Interior Girder 2	1.9167	0.95	1	1	3.228046
Gravel Truck_str	BOBJ1	1.9167	Before	Interior Girder 3	1.9167	0.95	1	1	3.206519
Gravel Truck_str	BOBJ1	1.9167	Before	Interior Girder 4	1.9167	0.95	1	1	3.218771
Gravel Truck_str	BOBJ1	1.9167	Before	Interior Girder 5	1.9167	0.95	1	1	3.005743
Gravel Truck_str	BOBJ1	1.9167	Before	Right Exterior Girder	1.9167	0.95	1	1	5.505542
Gravel Truck_str	BOBJ1	1.9167	After	Left Exterior Girder	1.9167	0.95	1	1	5.513343
Gravel Truck_str	BOBJ1	1.9167	After	Interior Girder 1	1.9167	0.95	1	1	3.120957
Gravel Truck_str	BOBJ1	1.9167	After	Interior Girder 2	1.9167	0.95	1	1	3.313803
Gravel Truck_str	BOBJ1	1.9167	After	Interior Girder 3	1.9167	0.95	1	1	3.289418
Gravel Truck_str	BOBJ1	1.9167	After	Interior Girder 4	1.9167	0.95	1	1	3.304773
Gravel Truck_str	BOBJ1	1.9167	After	Interior Girder 5	1.9167	0.95	1	1	3.14382
Gravel Truck_str	BOBJ1	1.9167	After	Right Exterior Girder	1.9167	0.95	1	1	5.513343
Gravel Truck_str	BOBJ1	3.8333	Before	Left Exterior Girder	3.8333	0.95	1	1	3.111772
Gravel Truck_str	BOBJ1	3.8333	Before	Interior Girder 1	3.8333	0.95	1	1	1.698352
Gravel Truck_str	BOBJ1	3.8333	Before	Interior Girder 2	3.8333	0.95	1	1	1.810066
Gravel Truck_str	BOBJ1	3.8333	Before	Interior Girder 3	3.8333	0.95	1	1	1.793105
Gravel Truck_str	BOBJ1	3.8333	Before	Interior Girder 4	3.8333	0.95	1	1	1.804178
Gravel Truck_str	BOBJ1	3.8333	Before	Interior Girder 5	3.8333	0.95	1	1	1.71024
Gravel Truck_str	BOBJ1	3.8333	Before	Right Exterior Girder	3.8333	0.95	1	1	3.111772
Gravel Truck_str	BOBJ1	3.8333	After	Left Exterior Girder	3.8333	0.95	1	1	3.112289
Gravel Truck_str	BOBJ1	3.8333	After	Interior Girder 1	3.8333	0.95	1	1	1.738599
Gravel Truck_str	BOBJ1	3.8333	After	Interior Girder 2	3.8333	0.95	1	1	1.830624
Gravel Truck_str	BOBJ1	3.8333	After	Interior Girder 3	3.8333	0.95	1	1	1.814631
Gravel Truck_str	BOBJ1	3.8333	After	Interior Girder 4	3.8333	0.95	1	1	1.824794
Gravel Truck_str	BOBJ1	3.8333	After	Interior Girder 5	3.8333	0.95	1	1	1.749853
Gravel Truck_str	BOBJ1	3.8333	After	Right Exterior Girder	3.8333	0.95	1	1	3.112289
Gravel Truck_str	BOBJ1	5.75	Before	Left Exterior Girder	5.75	0.95	1	1	2.303553
Gravel Truck_str	BOBJ1	5.75	Before	Interior Girder 1	5.75	0.95	1	1	1.267476
Gravel Truck_str	BOBJ1	5.75	Before	Interior Girder 2	5.75	0.95	1	1	1.331337
Gravel Truck_str	BOBJ1	5.75	Before	Interior Girder 3	5.75	0.95	1	1	1.318686
Gravel Truck_str	BOBJ1	5.75	Before	Interior Girder 4	5.75	0.95	1	1	1.326933
Gravel Truck_str	BOBJ1	5.75	Before	Interior Girder 5	5.75	0.95	1	1	1.275402
Gravel Truck_str	BOBJ1	5.75	Before	Right Exterior Girder	5.75	0.95	1	1	2.303553
Gravel Truck_str	BOBJ1	5.75	After	Left Exterior Girder	5.75	0.95	1	1	2.304994
Gravel Truck_str	BOBJ1	5.75	After	Interior Girder 1	5.75	0.95	1	1	1.286759
Gravel Truck_str	BOBJ1	5.75	After	Interior Girder 2	5.75	0.95	1	1	1.341433
Gravel Truck_str	BOBJ1	5.75	After	Interior Girder 3	5.75	0.95	1	1	1.329344
Gravel Truck_str	BOBJ1	5.75	After	Interior Girder 4	5.75	0.95	1	1	1.337056
Gravel Truck_str	BOBJ1	5.75	After	Interior Girder 5	5.75	0.95	1	1	1.294352
Gravel Truck_str	BOBJ1	5.75	After	Right Exterior Girder	5.75	0.95	1	1	2.304994
Gravel Truck_str	BOBJ1	7.6667	Before	Left Exterior Girder	7.6667	0.95	1	1	1.969015
Gravel Truck_str	BOBJ1	7.6667	Before	Interior Girder 1	7.6667	0.95	1	1	1.07381
Gravel Truck_str	BOBJ1	7.6667	Before	Interior Girder 2	7.6667	0.95	1	1	1.122123
Gravel Truck_str	BOBJ1	7.6667	Before	Interior Girder 3	7.6667	0.95	1	1	1.111467
Gravel Truck_str	BOBJ1	7.6667	Before	Interior Girder 4	7.6667	0.95	1	1	1.118323
Gravel Truck_str	BOBJ1	7.6667	Before	Interior Girder 5	7.6667	0.95	1	1	1.080344
Gravel Truck_str	BOBJ1	7.6667	Before	Right Exterior Girder	7.6667	0.95	1	1	1.969015
Gravel Truck_str	BOBJ1	7.6667	After	Left Exterior Girder	7.6667	0.95	1	1	1.969943
Gravel Truck_str	BOBJ1	7.6667	After	Interior Girder 1	7.6667	0.95	1	1	1.081485
Gravel Truck_str	BOBJ1	7.6667	After	Interior Girder 2	7.6667	0.95	1	1	1.125351
Gravel Truck_str	BOBJ1	7.6667	After	Interior Girder 3	7.6667	0.95	1	1	1.114972
Gravel Truck_str	BOBJ1	7.6667	After	Interior Girder 4	7.6667	0.95	1	1	1.121571
Gravel Truck_str	BOBJ1	7.6667	After	Interior Girder 5	7.6667	0.95	1	1	1.08791
Gravel Truck_str	BOBJ1	7.6667	After	Right Exterior Girder	7.6667	0.95	1	1	1.969943
Gravel Truck_str	BOBJ1	9.5833	Before	Left Exterior Girder	9.5833	0.95	1	1	1.745708
Gravel Truck_str	BOBJ1	9.5833	Before	Interior Girder 1	9.5833	0.95	1	1	0.95565
Gravel Truck_str	BOBJ1	9.5833	Before	Interior Girder 2	9.5833	0.95	1	1	0.993896
Gravel Truck_str	BOBJ1	9.5833	Before	Interior Girder 3	9.5833	0.95	1	1	0.984335
Gravel Truck_str	BOBJ1	9.5833	Before	Interior Girder 4	9.5833	0.95	1	1	0.990501
Gravel Truck_str	BOBJ1	9.5833	Before	Interior Girder 5	9.5833	0.95	1	1	0.961084

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelINonCompStrgth-Flx - Main Span Stringers									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Gravel Truck_str	BOBJ1	9.5833	Before	Right Exterior Girder	9.5833	0.95	1	1	1.745708
Gravel Truck_str	BOBJ1	9.5833	After	Left Exterior Girder	9.5833	0.95	1	1	1.746137
Gravel Truck_str	BOBJ1	9.5833	After	Interior Girder 1	9.5833	0.95	1	1	0.959173
Gravel Truck_str	BOBJ1	9.5833	After	Interior Girder 2	9.5833	0.95	1	1	0.995798
Gravel Truck_str	BOBJ1	9.5833	After	Interior Girder 3	9.5833	0.95	1	1	0.986362
Gravel Truck_str	BOBJ1	9.5833	After	Interior Girder 4	9.5833	0.95	1	1	0.992409
Gravel Truck_str	BOBJ1	9.5833	After	Interior Girder 5	9.5833	0.95	1	1	0.964561
Gravel Truck_str	BOBJ1	9.5833	After	Right Exterior Girder	9.5833	0.95	1	1	1.746137
Gravel Truck_str	BOBJ1	11.5	Before	Left Exterior Girder	11.5	0.95	1	1	1.692672
Gravel Truck_str	BOBJ1	11.5	Before	Interior Girder 1	11.5	0.95	1	1	0.927939
Gravel Truck_str	BOBJ1	11.5	Before	Interior Girder 2	11.5	0.95	1	1	0.962549
Gravel Truck_str	BOBJ1	11.5	Before	Interior Girder 3	11.5	0.95	1	1	0.953362
Gravel Truck_str	BOBJ1	11.5	Before	Interior Girder 4	11.5	0.95	1	1	0.959258
Gravel Truck_str	BOBJ1	11.5	Before	Interior Girder 5	11.5	0.95	1	1	0.933104
Gravel Truck_str	BOBJ1	11.5	Before	Right Exterior Girder	11.5	0.95	1	1	1.692672
Gravel Truck_str	BOBJ1	11.5	After	Left Exterior Girder	11.5	0.95	1	1	1.692728
Gravel Truck_str	BOBJ1	11.5	After	Interior Girder 1	11.5	0.95	1	1	0.92793
Gravel Truck_str	BOBJ1	11.5	After	Interior Girder 2	11.5	0.95	1	1	0.962553
Gravel Truck_str	BOBJ1	11.5	After	Interior Girder 3	11.5	0.95	1	1	0.953361
Gravel Truck_str	BOBJ1	11.5	After	Interior Girder 4	11.5	0.95	1	1	0.959263
Gravel Truck_str	BOBJ1	11.5	After	Interior Girder 5	11.5	0.95	1	1	0.933095
Gravel Truck_str	BOBJ1	11.5	After	Right Exterior Girder	11.5	0.95	1	1	1.692728
Gravel Truck_str	BOBJ1	13.4167	Before	Left Exterior Girder	13.4167	0.95	1	1	1.746351
Gravel Truck_str	BOBJ1	13.4167	Before	Interior Girder 1	13.4167	0.95	1	1	0.959496
Gravel Truck_str	BOBJ1	13.4167	Before	Interior Girder 2	13.4167	0.95	1	1	0.996036
Gravel Truck_str	BOBJ1	13.4167	Before	Interior Girder 3	13.4167	0.95	1	1	0.986591
Gravel Truck_str	BOBJ1	13.4167	Before	Interior Girder 4	13.4167	0.95	1	1	0.992646
Gravel Truck_str	BOBJ1	13.4167	Before	Interior Girder 5	13.4167	0.95	1	1	0.964885
Gravel Truck_str	BOBJ1	13.4167	Before	Right Exterior Girder	13.4167	0.95	1	1	1.746351
Gravel Truck_str	BOBJ1	13.4167	After	Left Exterior Girder	13.4167	0.95	1	1	1.745889
Gravel Truck_str	BOBJ1	13.4167	After	Interior Girder 1	13.4167	0.95	1	1	0.955954
Gravel Truck_str	BOBJ1	13.4167	After	Interior Girder 2	13.4167	0.95	1	1	0.994142
Gravel Truck_str	BOBJ1	13.4167	After	Interior Girder 3	13.4167	0.95	1	1	0.984561
Gravel Truck_str	BOBJ1	13.4167	After	Interior Girder 4	13.4167	0.95	1	1	0.990747
Gravel Truck_str	BOBJ1	13.4167	After	Interior Girder 5	13.4167	0.95	1	1	0.961389
Gravel Truck_str	BOBJ1	13.4167	After	Right Exterior Girder	13.4167	0.95	1	1	1.745889
Gravel Truck_str	BOBJ1	15.3333	Before	Left Exterior Girder	15.3333	0.95	1	1	1.970412
Gravel Truck_str	BOBJ1	15.3333	Before	Interior Girder 1	15.3333	0.95	1	1	1.082196
Gravel Truck_str	BOBJ1	15.3333	Before	Interior Girder 2	15.3333	0.95	1	1	1.125881
Gravel Truck_str	BOBJ1	15.3333	Before	Interior Girder 3	15.3333	0.95	1	1	1.115478
Gravel Truck_str	BOBJ1	15.3333	Before	Interior Girder 4	15.3333	0.95	1	1	1.1221
Gravel Truck_str	BOBJ1	15.3333	Before	Interior Girder 5	15.3333	0.95	1	1	1.088625
Gravel Truck_str	BOBJ1	15.3333	Before	Right Exterior Girder	15.3333	0.95	1	1	1.970412
Gravel Truck_str	BOBJ1	15.3333	After	Left Exterior Girder	15.3333	0.95	1	1	1.96948
Gravel Truck_str	BOBJ1	15.3333	After	Interior Girder 1	15.3333	0.95	1	1	1.074499
Gravel Truck_str	BOBJ1	15.3333	After	Interior Girder 2	15.3333	0.95	1	1	1.12266
Gravel Truck_str	BOBJ1	15.3333	After	Interior Girder 3	15.3333	0.95	1	1	1.11197
Gravel Truck_str	BOBJ1	15.3333	After	Interior Girder 4	15.3333	0.95	1	1	1.118858
Gravel Truck_str	BOBJ1	15.3333	After	Interior Girder 5	15.3333	0.95	1	1	1.081036
Gravel Truck_str	BOBJ1	15.3333	After	Right Exterior Girder	15.3333	0.95	1	1	1.96948
Gravel Truck_str	BOBJ1	17.25	Before	Left Exterior Girder	17.25	0.95	1	1	2.305888
Gravel Truck_str	BOBJ1	17.25	Before	Interior Girder 1	17.25	0.95	1	1	1.288001
Gravel Truck_str	BOBJ1	17.25	Before	Interior Girder 2	17.25	0.95	1	1	1.342346
Gravel Truck_str	BOBJ1	17.25	Before	Interior Girder 3	17.25	0.95	1	1	1.330219
Gravel Truck_str	BOBJ1	17.25	Before	Interior Girder 4	17.25	0.95	1	1	1.337965
Gravel Truck_str	BOBJ1	17.25	Before	Interior Girder 5	17.25	0.95	1	1	1.295602
Gravel Truck_str	BOBJ1	17.25	Before	Right Exterior Girder	17.25	0.95	1	1	2.305888
Gravel Truck_str	BOBJ1	17.25	After	Left Exterior Girder	17.25	0.95	1	1	2.304388
Gravel Truck_str	BOBJ1	17.25	After	Interior Girder 1	17.25	0.95	1	1	1.268687
Gravel Truck_str	BOBJ1	17.25	After	Interior Girder 2	17.25	0.95	1	1	1.332249
Gravel Truck_str	BOBJ1	17.25	After	Interior Girder 3	17.25	0.95	1	1	1.319556
Gravel Truck_str	BOBJ1	17.25	After	Interior Girder 4	17.25	0.95	1	1	1.327841
Gravel Truck_str	BOBJ1	17.25	After	Interior Girder 5	17.25	0.95	1	1	1.276621
Gravel Truck_str	BOBJ1	17.25	After	Right Exterior Girder	17.25	0.95	1	1	2.304388
Gravel Truck_str	BOBJ1	19.1667	Before	Left Exterior Girder	19.1667	0.95	1	1	3.113627

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelINonCompStrgth-Flx - Main Span Stringers									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Gravel Truck_str	BOBJ1	19.1667	Before	Interior Girder 1	19.1667	0.95	1	1	1.740811
Gravel Truck_str	BOBJ1	19.1667	Before	Interior Girder 2	19.1667	0.95	1	1	1.832189
Gravel Truck_str	BOBJ1	19.1667	Before	Interior Girder 3	19.1667	0.95	1	1	1.816151
Gravel Truck_str	BOBJ1	19.1667	Before	Interior Girder 4	19.1667	0.95	1	1	1.826354
Gravel Truck_str	BOBJ1	19.1667	Before	Interior Girder 5	19.1667	0.95	1	1	1.752079
Gravel Truck_str	BOBJ1	19.1667	Before	Right Exterior Girder	19.1667	0.95	1	1	3.113627
Gravel Truck_str	BOBJ1	19.1667	After	Left Exterior Girder	19.1667	0.95	1	1	3.113107
Gravel Truck_str	BOBJ1	19.1667	After	Interior Girder 1	19.1667	0.95	1	1	1.700512
Gravel Truck_str	BOBJ1	19.1667	After	Interior Girder 2	19.1667	0.95	1	1	1.811613
Gravel Truck_str	BOBJ1	19.1667	After	Interior Girder 3	19.1667	0.95	1	1	1.794612
Gravel Truck_str	BOBJ1	19.1667	After	Interior Girder 4	19.1667	0.95	1	1	1.805721
Gravel Truck_str	BOBJ1	19.1667	After	Interior Girder 5	19.1667	0.95	1	1	1.712416
Gravel Truck_str	BOBJ1	19.1667	After	Right Exterior Girder	19.1667	0.95	1	1	3.113107
Gravel Truck_str	BOBJ1	21.0833	Before	Left Exterior Girder	21.0833	0.95	1	1	5.516139
Gravel Truck_str	BOBJ1	21.0833	Before	Interior Girder 1	21.0833	0.95	1	1	3.12568
Gravel Truck_str	BOBJ1	21.0833	Before	Interior Girder 2	21.0833	0.95	1	1	3.31715
Gravel Truck_str	BOBJ1	21.0833	Before	Interior Girder 3	21.0833	0.95	1	1	3.29273
Gravel Truck_str	BOBJ1	21.0833	Before	Interior Girder 4	21.0833	0.95	1	1	3.308112
Gravel Truck_str	BOBJ1	21.0833	Before	Interior Girder 5	21.0833	0.95	1	1	3.148578
Gravel Truck_str	BOBJ1	21.0833	Before	Right Exterior Girder	21.0833	0.95	1	1	5.516139
Gravel Truck_str	BOBJ1	21.0833	After	Left Exterior Girder	21.0833	0.95	1	1	5.508587
Gravel Truck_str	BOBJ1	21.0833	After	Interior Girder 1	21.0833	0.95	1	1	2.985644
Gravel Truck_str	BOBJ1	21.0833	After	Interior Girder 2	21.0833	0.95	1	1	3.231291
Gravel Truck_str	BOBJ1	21.0833	After	Interior Girder 3	21.0833	0.95	1	1	3.209758
Gravel Truck_str	BOBJ1	21.0833	After	Interior Girder 4	21.0833	0.95	1	1	3.222007
Gravel Truck_str	BOBJ1	21.0833	After	Interior Girder 5	21.0833	0.95	1	1	3.010295
Gravel Truck_str	BOBJ1	21.0833	After	Right Exterior Girder	21.0833	0.95	1	1	5.508587
Gravel Truck_str	BOBJ1	23	Before	Left Exterior Girder	23	0.95	1	1	137.98617
Gravel Truck_str	BOBJ1	23	Before	Interior Girder 1	23	0.95	1	1	56.640048
Gravel Truck_str	BOBJ1	23	Before	Interior Girder 2	23	0.95	1	1	64.037303
Gravel Truck_str	BOBJ1	23	Before	Interior Girder 3	23	0.95	1	1	69.766558
Gravel Truck_str	BOBJ1	23	Before	Interior Girder 4	23	0.95	1	1	63.429655
Gravel Truck_str	BOBJ1	23	Before	Interior Girder 5	23	0.95	1	1	56.640049
Gravel Truck_str	BOBJ1	23	Before	Right Exterior Girder	23	0.95	1	1	139.209331
Annual Permit 1_str	BOBJ1	0	After	Left Exterior Girder	0	0.95	1	1	131.899667
Annual Permit 1_str	BOBJ1	0	After	Interior Girder 1	0	0.95	1	1	54.616769
Annual Permit 1_str	BOBJ1	0	After	Interior Girder 2	0	0.95	1	1	61.635377
Annual Permit 1_str	BOBJ1	0	After	Interior Girder 3	0	0.95	1	1	68.420145
Annual Permit 1_str	BOBJ1	0	After	Interior Girder 4	0	0.95	1	1	61.044403
Annual Permit 1_str	BOBJ1	0	After	Interior Girder 5	0	0.95	1	1	54.603187
Annual Permit 1_str	BOBJ1	0	After	Right Exterior Girder	0	0.95	1	1	133.027226
Annual Permit 1_str	BOBJ1	1.9167	Before	Left Exterior Girder	1.9167	0.95	1	1	5.343379
Annual Permit 1_str	BOBJ1	1.9167	Before	Interior Girder 1	1.9167	0.95	1	1	2.894243
Annual Permit 1_str	BOBJ1	1.9167	Before	Interior Girder 2	1.9167	0.95	1	1	3.202571
Annual Permit 1_str	BOBJ1	1.9167	Before	Interior Girder 3	1.9167	0.95	1	1	3.358723
Annual Permit 1_str	BOBJ1	1.9167	Before	Interior Girder 4	1.9167	0.95	1	1	3.191238
Annual Permit 1_str	BOBJ1	1.9167	Before	Interior Girder 5	1.9167	0.95	1	1	2.917773
Annual Permit 1_str	BOBJ1	1.9167	Before	Right Exterior Girder	1.9167	0.95	1	1	5.343379
Annual Permit 1_str	BOBJ1	1.9167	After	Left Exterior Girder	1.9167	0.95	1	1	5.351137
Annual Permit 1_str	BOBJ1	1.9167	After	Interior Girder 1	1.9167	0.95	1	1	3.032365
Annual Permit 1_str	BOBJ1	1.9167	After	Interior Girder 2	1.9167	0.95	1	1	3.334707
Annual Permit 1_str	BOBJ1	1.9167	After	Interior Girder 3	1.9167	0.95	1	1	3.458391
Annual Permit 1_str	BOBJ1	1.9167	After	Interior Girder 4	1.9167	0.95	1	1	3.323374
Annual Permit 1_str	BOBJ1	1.9167	After	Interior Girder 5	1.9167	0.95	1	1	3.054165
Annual Permit 1_str	BOBJ1	1.9167	After	Right Exterior Girder	1.9167	0.95	1	1	5.351137
Annual Permit 1_str	BOBJ1	3.8333	Before	Left Exterior Girder	3.8333	0.95	1	1	2.918118
Annual Permit 1_str	BOBJ1	3.8333	Before	Interior Girder 1	3.8333	0.95	1	1	1.604308
Annual Permit 1_str	BOBJ1	3.8333	Before	Interior Girder 2	3.8333	0.95	1	1	1.765716
Annual Permit 1_str	BOBJ1	3.8333	Before	Interior Girder 3	3.8333	0.95	1	1	1.836719
Annual Permit 1_str	BOBJ1	3.8333	Before	Interior Girder 4	3.8333	0.95	1	1	1.758844
Annual Permit 1_str	BOBJ1	3.8333	Before	Interior Girder 5	3.8333	0.95	1	1	1.615395
Annual Permit 1_str	BOBJ1	3.8333	Before	Right Exterior Girder	3.8333	0.95	1	1	2.918118
Annual Permit 1_str	BOBJ1	3.8333	After	Left Exterior Girder	3.8333	0.95	1	1	2.91887
Annual Permit 1_str	BOBJ1	3.8333	After	Interior Girder 1	3.8333	0.95	1	1	1.643409
Annual Permit 1_str	BOBJ1	3.8333	After	Interior Girder 2	3.8333	0.95	1	1	1.802309

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelINonCompStrgth-Flx - Main Span Stringers									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Annual Permit 1_str	BOBJ1	3.8333	After	Interior Girder 3	3.8333	0.95	1	1	1.863239
Annual Permit 1_str	BOBJ1	3.8333	After	Interior Girder 4	3.8333	0.95	1	1	1.795387
Annual Permit 1_str	BOBJ1	3.8333	After	Interior Girder 5	3.8333	0.95	1	1	1.653848
Annual Permit 1_str	BOBJ1	3.8333	After	Right Exterior Girder	3.8333	0.95	1	1	2.91887
Annual Permit 1_str	BOBJ1	5.75	Before	Left Exterior Girder	5.75	0.95	1	1	2.173411
Annual Permit 1_str	BOBJ1	5.75	Before	Interior Girder 1	5.75	0.95	1	1	1.200612
Annual Permit 1_str	BOBJ1	5.75	Before	Interior Girder 2	5.75	0.95	1	1	1.316478
Annual Permit 1_str	BOBJ1	5.75	Before	Interior Girder 3	5.75	0.95	1	1	1.354074
Annual Permit 1_str	BOBJ1	5.75	Before	Interior Girder 4	5.75	0.95	1	1	1.311036
Annual Permit 1_str	BOBJ1	5.75	Before	Interior Girder 5	5.75	0.95	1	1	1.207882
Annual Permit 1_str	BOBJ1	5.75	Before	Right Exterior Girder	5.75	0.95	1	1	2.173411
Annual Permit 1_str	BOBJ1	5.75	After	Left Exterior Girder	5.75	0.95	1	1	2.174882
Annual Permit 1_str	BOBJ1	5.75	After	Interior Girder 1	5.75	0.95	1	1	1.219542
Annual Permit 1_str	BOBJ1	5.75	After	Interior Girder 2	5.75	0.95	1	1	1.33464
Annual Permit 1_str	BOBJ1	5.75	After	Interior Girder 3	5.75	0.95	1	1	1.367222
Annual Permit 1_str	BOBJ1	5.75	After	Interior Girder 4	5.75	0.95	1	1	1.32917
Annual Permit 1_str	BOBJ1	5.75	After	Interior Girder 5	5.75	0.95	1	1	1.226484
Annual Permit 1_str	BOBJ1	5.75	After	Right Exterior Girder	5.75	0.95	1	1	2.174882
Annual Permit 1_str	BOBJ1	7.6667	Before	Left Exterior Girder	7.6667	0.95	1	1	1.879027
Annual Permit 1_str	BOBJ1	7.6667	Before	Interior Girder 1	7.6667	0.95	1	1	1.024887
Annual Permit 1_str	BOBJ1	7.6667	Before	Interior Girder 2	7.6667	0.95	1	1	1.119484
Annual Permit 1_str	BOBJ1	7.6667	Before	Interior Girder 3	7.6667	0.95	1	1	1.141117
Annual Permit 1_str	BOBJ1	7.6667	Before	Interior Girder 4	7.6667	0.95	1	1	1.114741
Annual Permit 1_str	BOBJ1	7.6667	Before	Interior Girder 5	7.6667	0.95	1	1	1.031084
Annual Permit 1_str	BOBJ1	7.6667	Before	Right Exterior Girder	7.6667	0.95	1	1	1.879027
Annual Permit 1_str	BOBJ1	7.6667	After	Left Exterior Girder	7.6667	0.95	1	1	1.880054
Annual Permit 1_str	BOBJ1	7.6667	After	Interior Girder 1	7.6667	0.95	1	1	1.031664
Annual Permit 1_str	BOBJ1	7.6667	After	Interior Girder 2	7.6667	0.95	1	1	1.126034
Annual Permit 1_str	BOBJ1	7.6667	After	Interior Girder 3	7.6667	0.95	1	1	1.145335
Annual Permit 1_str	BOBJ1	7.6667	After	Interior Girder 4	7.6667	0.95	1	1	1.121288
Annual Permit 1_str	BOBJ1	7.6667	After	Interior Girder 5	7.6667	0.95	1	1	1.037773
Annual Permit 1_str	BOBJ1	7.6667	After	Right Exterior Girder	7.6667	0.95	1	1	1.880054
Annual Permit 1_str	BOBJ1	9.5833	Before	Left Exterior Girder	9.5833	0.95	1	1	1.638794
Annual Permit 1_str	BOBJ1	9.5833	Before	Interior Girder 1	9.5833	0.95	1	1	0.89766
Annual Permit 1_str	BOBJ1	9.5833	Before	Interior Girder 2	9.5833	0.95	1	1	0.981956
Annual Permit 1_str	BOBJ1	9.5833	Before	Interior Girder 3	9.5833	0.95	1	1	1.008108
Annual Permit 1_str	BOBJ1	9.5833	Before	Interior Girder 4	9.5833	0.95	1	1	0.977753
Annual Permit 1_str	BOBJ1	9.5833	Before	Interior Girder 5	9.5833	0.95	1	1	0.902703
Annual Permit 1_str	BOBJ1	9.5833	Before	Right Exterior Girder	9.5833	0.95	1	1	1.638794
Annual Permit 1_str	BOBJ1	9.5833	After	Left Exterior Girder	9.5833	0.95	1	1	1.639221
Annual Permit 1_str	BOBJ1	9.5833	After	Interior Girder 1	9.5833	0.95	1	1	0.900369
Annual Permit 1_str	BOBJ1	9.5833	After	Interior Girder 2	9.5833	0.95	1	1	0.984586
Annual Permit 1_str	BOBJ1	9.5833	After	Interior Girder 3	9.5833	0.95	1	1	1.009766
Annual Permit 1_str	BOBJ1	9.5833	After	Interior Girder 4	9.5833	0.95	1	1	0.980382
Annual Permit 1_str	BOBJ1	9.5833	After	Interior Girder 5	9.5833	0.95	1	1	0.905387
Annual Permit 1_str	BOBJ1	9.5833	After	Right Exterior Girder	9.5833	0.95	1	1	1.639221
Annual Permit 1_str	BOBJ1	11.5	Before	Left Exterior Girder	11.5	0.95	1	1	1.570493
Annual Permit 1_str	BOBJ1	11.5	Before	Interior Girder 1	11.5	0.95	1	1	0.862424
Annual Permit 1_str	BOBJ1	11.5	Before	Interior Girder 2	11.5	0.95	1	1	0.942638
Annual Permit 1_str	BOBJ1	11.5	Before	Interior Girder 3	11.5	0.95	1	1	0.971498
Annual Permit 1_str	BOBJ1	11.5	Before	Interior Girder 4	11.5	0.95	1	1	0.938592
Annual Permit 1_str	BOBJ1	11.5	Before	Interior Girder 5	11.5	0.95	1	1	0.867134
Annual Permit 1_str	BOBJ1	11.5	Before	Right Exterior Girder	11.5	0.95	1	1	1.570493
Annual Permit 1_str	BOBJ1	11.5	After	Left Exterior Girder	11.5	0.95	1	1	1.570549
Annual Permit 1_str	BOBJ1	11.5	After	Interior Girder 1	11.5	0.95	1	1	0.862416
Annual Permit 1_str	BOBJ1	11.5	After	Interior Girder 2	11.5	0.95	1	1	0.942642
Annual Permit 1_str	BOBJ1	11.5	After	Interior Girder 3	11.5	0.95	1	1	0.971497
Annual Permit 1_str	BOBJ1	11.5	After	Interior Girder 4	11.5	0.95	1	1	0.938597
Annual Permit 1_str	BOBJ1	11.5	After	Interior Girder 5	11.5	0.95	1	1	0.867125
Annual Permit 1_str	BOBJ1	11.5	After	Right Exterior Girder	11.5	0.95	1	1	1.570549
Annual Permit 1_str	BOBJ1	13.4167	Before	Left Exterior Girder	13.4167	0.95	1	1	1.639423
Annual Permit 1_str	BOBJ1	13.4167	Before	Interior Girder 1	13.4167	0.95	1	1	0.900672
Annual Permit 1_str	BOBJ1	13.4167	Before	Interior Girder 2	13.4167	0.95	1	1	0.984821
Annual Permit 1_str	BOBJ1	13.4167	Before	Interior Girder 3	13.4167	0.95	1	1	1.010001
Annual Permit 1_str	BOBJ1	13.4167	Before	Interior Girder 4	13.4167	0.95	1	1	0.980616

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelINonCompStrgth-Flx - Main Span Stringers									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Annual Permit 1_str	BOBJ1	13.4167	Before	Interior Girder 5	13.4167	0.95	1	1	0.905692
Annual Permit 1_str	BOBJ1	13.4167	Before	Right Exterior Girder	13.4167	0.95	1	1	1.639423
Annual Permit 1_str	BOBJ1	13.4167	After	Left Exterior Girder	13.4167	0.95	1	1	1.638969
Annual Permit 1_str	BOBJ1	13.4167	After	Interior Girder 1	13.4167	0.95	1	1	0.897945
Annual Permit 1_str	BOBJ1	13.4167	After	Interior Girder 2	13.4167	0.95	1	1	0.9822
Annual Permit 1_str	BOBJ1	13.4167	After	Interior Girder 3	13.4167	0.95	1	1	1.008339
Annual Permit 1_str	BOBJ1	13.4167	After	Interior Girder 4	13.4167	0.95	1	1	0.977996
Annual Permit 1_str	BOBJ1	13.4167	After	Interior Girder 5	13.4167	0.95	1	1	0.90299
Annual Permit 1_str	BOBJ1	13.4167	After	Right Exterior Girder	13.4167	0.95	1	1	1.638969
Annual Permit 1_str	BOBJ1	15.3333	Before	Left Exterior Girder	15.3333	0.95	1	1	1.880517
Annual Permit 1_str	BOBJ1	15.3333	Before	Interior Girder 1	15.3333	0.95	1	1	1.032341
Annual Permit 1_str	BOBJ1	15.3333	Before	Interior Girder 2	15.3333	0.95	1	1	1.126564
Annual Permit 1_str	BOBJ1	15.3333	Before	Interior Girder 3	15.3333	0.95	1	1	1.145855
Annual Permit 1_str	BOBJ1	15.3333	Before	Interior Girder 4	15.3333	0.95	1	1	1.121816
Annual Permit 1_str	BOBJ1	15.3333	Before	Interior Girder 5	15.3333	0.95	1	1	1.038455
Annual Permit 1_str	BOBJ1	15.3333	Before	Right Exterior Girder	15.3333	0.95	1	1	1.880517
Annual Permit 1_str	BOBJ1	15.3333	After	Left Exterior Girder	15.3333	0.95	1	1	1.879501
Annual Permit 1_str	BOBJ1	15.3333	After	Interior Girder 1	15.3333	0.95	1	1	1.025544
Annual Permit 1_str	BOBJ1	15.3333	After	Interior Girder 2	15.3333	0.95	1	1	1.12002
Annual Permit 1_str	BOBJ1	15.3333	After	Interior Girder 3	15.3333	0.95	1	1	1.141632
Annual Permit 1_str	BOBJ1	15.3333	After	Interior Girder 4	15.3333	0.95	1	1	1.115274
Annual Permit 1_str	BOBJ1	15.3333	After	Interior Girder 5	15.3333	0.95	1	1	1.031745
Annual Permit 1_str	BOBJ1	15.3333	After	Right Exterior Girder	15.3333	0.95	1	1	1.879501
Annual Permit 1_str	BOBJ1	17.25	Before	Left Exterior Girder	17.25	0.95	1	1	2.175756
Annual Permit 1_str	BOBJ1	17.25	Before	Interior Girder 1	17.25	0.95	1	1	1.220719
Annual Permit 1_str	BOBJ1	17.25	Before	Interior Girder 2	17.25	0.95	1	1	1.335548
Annual Permit 1_str	BOBJ1	17.25	Before	Interior Girder 3	17.25	0.95	1	1	1.368122
Annual Permit 1_str	BOBJ1	17.25	Before	Interior Girder 4	17.25	0.95	1	1	1.330074
Annual Permit 1_str	BOBJ1	17.25	Before	Interior Girder 5	17.25	0.95	1	1	1.227668
Annual Permit 1_str	BOBJ1	17.25	Before	Right Exterior Girder	17.25	0.95	1	1	2.175756
Annual Permit 1_str	BOBJ1	17.25	After	Left Exterior Girder	17.25	0.95	1	1	2.17425
Annual Permit 1_str	BOBJ1	17.25	After	Interior Girder 1	17.25	0.95	1	1	1.201759
Annual Permit 1_str	BOBJ1	17.25	After	Interior Girder 2	17.25	0.95	1	1	1.317379
Annual Permit 1_str	BOBJ1	17.25	After	Interior Girder 3	17.25	0.95	1	1	1.354966
Annual Permit 1_str	BOBJ1	17.25	After	Interior Girder 4	17.25	0.95	1	1	1.311933
Annual Permit 1_str	BOBJ1	17.25	After	Interior Girder 5	17.25	0.95	1	1	1.209037
Annual Permit 1_str	BOBJ1	17.25	After	Right Exterior Girder	17.25	0.95	1	1	2.17425
Annual Permit 1_str	BOBJ1	19.1667	Before	Left Exterior Girder	19.1667	0.95	1	1	2.920125
Annual Permit 1_str	BOBJ1	19.1667	Before	Interior Girder 1	19.1667	0.95	1	1	1.645499
Annual Permit 1_str	BOBJ1	19.1667	Before	Interior Girder 2	19.1667	0.95	1	1	1.80385
Annual Permit 1_str	BOBJ1	19.1667	Before	Interior Girder 3	19.1667	0.95	1	1	1.8648
Annual Permit 1_str	BOBJ1	19.1667	Before	Interior Girder 4	19.1667	0.95	1	1	1.796922
Annual Permit 1_str	BOBJ1	19.1667	Before	Interior Girder 5	19.1667	0.95	1	1	1.655951
Annual Permit 1_str	BOBJ1	19.1667	Before	Right Exterior Girder	19.1667	0.95	1	1	2.920125
Annual Permit 1_str	BOBJ1	19.1667	After	Left Exterior Girder	19.1667	0.95	1	1	2.91937
Annual Permit 1_str	BOBJ1	19.1667	After	Interior Girder 1	19.1667	0.95	1	1	1.606349
Annual Permit 1_str	BOBJ1	19.1667	After	Interior Girder 2	19.1667	0.95	1	1	1.767226
Annual Permit 1_str	BOBJ1	19.1667	After	Interior Girder 3	19.1667	0.95	1	1	1.838263
Annual Permit 1_str	BOBJ1	19.1667	After	Interior Girder 4	19.1667	0.95	1	1	1.760348
Annual Permit 1_str	BOBJ1	19.1667	After	Interior Girder 5	19.1667	0.95	1	1	1.61745
Annual Permit 1_str	BOBJ1	19.1667	After	Right Exterior Girder	19.1667	0.95	1	1	2.91937
Annual Permit 1_str	BOBJ1	21.0833	Before	Left Exterior Girder	21.0833	0.95	1	1	5.353851
Annual Permit 1_str	BOBJ1	21.0833	Before	Interior Girder 1	21.0833	0.95	1	1	3.036954
Annual Permit 1_str	BOBJ1	21.0833	Before	Interior Girder 2	21.0833	0.95	1	1	3.338075
Annual Permit 1_str	BOBJ1	21.0833	Before	Interior Girder 3	21.0833	0.95	1	1	3.461872
Annual Permit 1_str	BOBJ1	21.0833	Before	Interior Girder 4	21.0833	0.95	1	1	3.326731
Annual Permit 1_str	BOBJ1	21.0833	Before	Interior Girder 5	21.0833	0.95	1	1	3.058787
Annual Permit 1_str	BOBJ1	21.0833	Before	Right Exterior Girder	21.0833	0.95	1	1	5.353851
Annual Permit 1_str	BOBJ1	21.0833	After	Left Exterior Girder	21.0833	0.95	1	1	5.346432
Annual Permit 1_str	BOBJ1	21.0833	After	Interior Girder 1	21.0833	0.95	1	1	2.898626
Annual Permit 1_str	BOBJ1	21.0833	After	Interior Girder 2	21.0833	0.95	1	1	3.20579
Annual Permit 1_str	BOBJ1	21.0833	After	Interior Girder 3	21.0833	0.95	1	1	3.362115
Annual Permit 1_str	BOBJ1	21.0833	After	Interior Girder 4	21.0833	0.95	1	1	3.194446
Annual Permit 1_str	BOBJ1	21.0833	After	Interior Girder 5	21.0833	0.95	1	1	2.922192
Annual Permit 1_str	BOBJ1	21.0833	After	Right Exterior Girder	21.0833	0.95	1	1	5.346432

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelINonCompStrgth-Flx - Main Span Stringers									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Annual Permit 1_str	BOBJ1	23	Before	Left Exterior Girder	23	0.95	1	1	131.946536
Annual Permit 1_str	BOBJ1	23	Before	Interior Girder 1	23	0.95	1	1	54.443534
Annual Permit 1_str	BOBJ1	23	Before	Interior Girder 2	23	0.95	1	1	61.536035
Annual Permit 1_str	BOBJ1	23	Before	Interior Girder 3	23	0.95	1	1	68.309559
Annual Permit 1_str	BOBJ1	23	Before	Interior Girder 4	23	0.95	1	1	60.945977
Annual Permit 1_str	BOBJ1	23	Before	Interior Girder 5	23	0.95	1	1	54.429983
Annual Permit 1_str	BOBJ1	23	Before	Right Exterior Girder	23	0.95	1	1	133.074478
Annual Permit 2_str	BOBJ1	0	After	Left Exterior Girder	0	0.95	1	1	131.899667
Annual Permit 2_str	BOBJ1	0	After	Interior Girder 1	0	0.95	1	1	54.616769
Annual Permit 2_str	BOBJ1	0	After	Interior Girder 2	0	0.95	1	1	61.635377
Annual Permit 2_str	BOBJ1	0	After	Interior Girder 3	0	0.95	1	1	68.420145
Annual Permit 2_str	BOBJ1	0	After	Interior Girder 4	0	0.95	1	1	61.044403
Annual Permit 2_str	BOBJ1	0	After	Interior Girder 5	0	0.95	1	1	54.603187
Annual Permit 2_str	BOBJ1	0	After	Right Exterior Girder	0	0.95	1	1	133.027226
Annual Permit 2_str	BOBJ1	1.9167	Before	Left Exterior Girder	1.9167	0.95	1	1	5.343379
Annual Permit 2_str	BOBJ1	1.9167	Before	Interior Girder 1	1.9167	0.95	1	1	2.894243
Annual Permit 2_str	BOBJ1	1.9167	Before	Interior Girder 2	1.9167	0.95	1	1	3.202571
Annual Permit 2_str	BOBJ1	1.9167	Before	Interior Girder 3	1.9167	0.95	1	1	3.358723
Annual Permit 2_str	BOBJ1	1.9167	Before	Interior Girder 4	1.9167	0.95	1	1	3.191238
Annual Permit 2_str	BOBJ1	1.9167	Before	Interior Girder 5	1.9167	0.95	1	1	2.917773
Annual Permit 2_str	BOBJ1	1.9167	Before	Right Exterior Girder	1.9167	0.95	1	1	5.343379
Annual Permit 2_str	BOBJ1	1.9167	After	Left Exterior Girder	1.9167	0.95	1	1	5.351137
Annual Permit 2_str	BOBJ1	1.9167	After	Interior Girder 1	1.9167	0.95	1	1	3.032365
Annual Permit 2_str	BOBJ1	1.9167	After	Interior Girder 2	1.9167	0.95	1	1	3.334707
Annual Permit 2_str	BOBJ1	1.9167	After	Interior Girder 3	1.9167	0.95	1	1	3.458391
Annual Permit 2_str	BOBJ1	1.9167	After	Interior Girder 4	1.9167	0.95	1	1	3.323374
Annual Permit 2_str	BOBJ1	1.9167	After	Interior Girder 5	1.9167	0.95	1	1	3.054165
Annual Permit 2_str	BOBJ1	1.9167	After	Right Exterior Girder	1.9167	0.95	1	1	5.351137
Annual Permit 2_str	BOBJ1	3.8333	Before	Left Exterior Girder	3.8333	0.95	1	1	2.918118
Annual Permit 2_str	BOBJ1	3.8333	Before	Interior Girder 1	3.8333	0.95	1	1	1.604308
Annual Permit 2_str	BOBJ1	3.8333	Before	Interior Girder 2	3.8333	0.95	1	1	1.765716
Annual Permit 2_str	BOBJ1	3.8333	Before	Interior Girder 3	3.8333	0.95	1	1	1.836719
Annual Permit 2_str	BOBJ1	3.8333	Before	Interior Girder 4	3.8333	0.95	1	1	1.758844
Annual Permit 2_str	BOBJ1	3.8333	Before	Interior Girder 5	3.8333	0.95	1	1	1.615395
Annual Permit 2_str	BOBJ1	3.8333	Before	Right Exterior Girder	3.8333	0.95	1	1	2.918118
Annual Permit 2_str	BOBJ1	3.8333	After	Left Exterior Girder	3.8333	0.95	1	1	2.91887
Annual Permit 2_str	BOBJ1	3.8333	After	Interior Girder 1	3.8333	0.95	1	1	1.643409
Annual Permit 2_str	BOBJ1	3.8333	After	Interior Girder 2	3.8333	0.95	1	1	1.802309
Annual Permit 2_str	BOBJ1	3.8333	After	Interior Girder 3	3.8333	0.95	1	1	1.863239
Annual Permit 2_str	BOBJ1	3.8333	After	Interior Girder 4	3.8333	0.95	1	1	1.795387
Annual Permit 2_str	BOBJ1	3.8333	After	Interior Girder 5	3.8333	0.95	1	1	1.653848
Annual Permit 2_str	BOBJ1	3.8333	After	Right Exterior Girder	3.8333	0.95	1	1	2.91887
Annual Permit 2_str	BOBJ1	5.75	Before	Left Exterior Girder	5.75	0.95	1	1	2.173411
Annual Permit 2_str	BOBJ1	5.75	Before	Interior Girder 1	5.75	0.95	1	1	1.200612
Annual Permit 2_str	BOBJ1	5.75	Before	Interior Girder 2	5.75	0.95	1	1	1.316478
Annual Permit 2_str	BOBJ1	5.75	Before	Interior Girder 3	5.75	0.95	1	1	1.354074
Annual Permit 2_str	BOBJ1	5.75	Before	Interior Girder 4	5.75	0.95	1	1	1.311036
Annual Permit 2_str	BOBJ1	5.75	Before	Interior Girder 5	5.75	0.95	1	1	1.207882
Annual Permit 2_str	BOBJ1	5.75	Before	Right Exterior Girder	5.75	0.95	1	1	2.173411
Annual Permit 2_str	BOBJ1	5.75	After	Left Exterior Girder	5.75	0.95	1	1	2.174882
Annual Permit 2_str	BOBJ1	5.75	After	Interior Girder 1	5.75	0.95	1	1	1.219542
Annual Permit 2_str	BOBJ1	5.75	After	Interior Girder 2	5.75	0.95	1	1	1.33464
Annual Permit 2_str	BOBJ1	5.75	After	Interior Girder 3	5.75	0.95	1	1	1.367222
Annual Permit 2_str	BOBJ1	5.75	After	Interior Girder 4	5.75	0.95	1	1	1.32917
Annual Permit 2_str	BOBJ1	5.75	After	Interior Girder 5	5.75	0.95	1	1	1.226484
Annual Permit 2_str	BOBJ1	5.75	After	Right Exterior Girder	5.75	0.95	1	1	2.174882
Annual Permit 2_str	BOBJ1	7.6667	Before	Left Exterior Girder	7.6667	0.95	1	1	1.879027
Annual Permit 2_str	BOBJ1	7.6667	Before	Interior Girder 1	7.6667	0.95	1	1	1.024887
Annual Permit 2_str	BOBJ1	7.6667	Before	Interior Girder 2	7.6667	0.95	1	1	1.119484
Annual Permit 2_str	BOBJ1	7.6667	Before	Interior Girder 3	7.6667	0.95	1	1	1.141117
Annual Permit 2_str	BOBJ1	7.6667	Before	Interior Girder 4	7.6667	0.95	1	1	1.114741
Annual Permit 2_str	BOBJ1	7.6667	Before	Interior Girder 5	7.6667	0.95	1	1	1.031084
Annual Permit 2_str	BOBJ1	7.6667	Before	Right Exterior Girder	7.6667	0.95	1	1	1.879027
Annual Permit 2_str	BOBJ1	7.6667	After	Left Exterior Girder	7.6667	0.95	1	1	1.880054
Annual Permit 2_str	BOBJ1	7.6667	After	Interior Girder 1	7.6667	0.95	1	1	1.031664

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelINonCompStrgth-Flx - Main Span Stringers									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Annual Permit 2_str	BOBJ1	7.6667	After	Interior Girder 2	7.6667	0.95	1	1	1.126034
Annual Permit 2_str	BOBJ1	7.6667	After	Interior Girder 3	7.6667	0.95	1	1	1.145335
Annual Permit 2_str	BOBJ1	7.6667	After	Interior Girder 4	7.6667	0.95	1	1	1.121288
Annual Permit 2_str	BOBJ1	7.6667	After	Interior Girder 5	7.6667	0.95	1	1	1.037773
Annual Permit 2_str	BOBJ1	7.6667	After	Right Exterior Girder	7.6667	0.95	1	1	1.880054
Annual Permit 2_str	BOBJ1	9.5833	Before	Left Exterior Girder	9.5833	0.95	1	1	1.638794
Annual Permit 2_str	BOBJ1	9.5833	Before	Interior Girder 1	9.5833	0.95	1	1	0.89766
Annual Permit 2_str	BOBJ1	9.5833	Before	Interior Girder 2	9.5833	0.95	1	1	0.981956
Annual Permit 2_str	BOBJ1	9.5833	Before	Interior Girder 3	9.5833	0.95	1	1	1.008108
Annual Permit 2_str	BOBJ1	9.5833	Before	Interior Girder 4	9.5833	0.95	1	1	0.977753
Annual Permit 2_str	BOBJ1	9.5833	Before	Interior Girder 5	9.5833	0.95	1	1	0.902703
Annual Permit 2_str	BOBJ1	9.5833	Before	Right Exterior Girder	9.5833	0.95	1	1	1.638794
Annual Permit 2_str	BOBJ1	9.5833	After	Left Exterior Girder	9.5833	0.95	1	1	1.639221
Annual Permit 2_str	BOBJ1	9.5833	After	Interior Girder 1	9.5833	0.95	1	1	0.900369
Annual Permit 2_str	BOBJ1	9.5833	After	Interior Girder 2	9.5833	0.95	1	1	0.984586
Annual Permit 2_str	BOBJ1	9.5833	After	Interior Girder 3	9.5833	0.95	1	1	1.009766
Annual Permit 2_str	BOBJ1	9.5833	After	Interior Girder 4	9.5833	0.95	1	1	0.980382
Annual Permit 2_str	BOBJ1	9.5833	After	Interior Girder 5	9.5833	0.95	1	1	0.905387
Annual Permit 2_str	BOBJ1	9.5833	After	Right Exterior Girder	9.5833	0.95	1	1	1.639221
Annual Permit 2_str	BOBJ1	11.5	Before	Left Exterior Girder	11.5	0.95	1	1	1.570493
Annual Permit 2_str	BOBJ1	11.5	Before	Interior Girder 1	11.5	0.95	1	1	0.862424
Annual Permit 2_str	BOBJ1	11.5	Before	Interior Girder 2	11.5	0.95	1	1	0.942638
Annual Permit 2_str	BOBJ1	11.5	Before	Interior Girder 3	11.5	0.95	1	1	0.971498
Annual Permit 2_str	BOBJ1	11.5	Before	Interior Girder 4	11.5	0.95	1	1	0.938592
Annual Permit 2_str	BOBJ1	11.5	Before	Interior Girder 5	11.5	0.95	1	1	0.867134
Annual Permit 2_str	BOBJ1	11.5	Before	Right Exterior Girder	11.5	0.95	1	1	1.570493
Annual Permit 2_str	BOBJ1	11.5	After	Left Exterior Girder	11.5	0.95	1	1	1.570549
Annual Permit 2_str	BOBJ1	11.5	After	Interior Girder 1	11.5	0.95	1	1	0.862416
Annual Permit 2_str	BOBJ1	11.5	After	Interior Girder 2	11.5	0.95	1	1	0.942642
Annual Permit 2_str	BOBJ1	11.5	After	Interior Girder 3	11.5	0.95	1	1	0.971497
Annual Permit 2_str	BOBJ1	11.5	After	Interior Girder 4	11.5	0.95	1	1	0.938597
Annual Permit 2_str	BOBJ1	11.5	After	Interior Girder 5	11.5	0.95	1	1	0.867125
Annual Permit 2_str	BOBJ1	11.5	After	Right Exterior Girder	11.5	0.95	1	1	1.570549
Annual Permit 2_str	BOBJ1	13.4167	Before	Left Exterior Girder	13.4167	0.95	1	1	1.639423
Annual Permit 2_str	BOBJ1	13.4167	Before	Interior Girder 1	13.4167	0.95	1	1	0.900672
Annual Permit 2_str	BOBJ1	13.4167	Before	Interior Girder 2	13.4167	0.95	1	1	0.984821
Annual Permit 2_str	BOBJ1	13.4167	Before	Interior Girder 3	13.4167	0.95	1	1	1.010001
Annual Permit 2_str	BOBJ1	13.4167	Before	Interior Girder 4	13.4167	0.95	1	1	0.980616
Annual Permit 2_str	BOBJ1	13.4167	Before	Interior Girder 5	13.4167	0.95	1	1	0.905692
Annual Permit 2_str	BOBJ1	13.4167	Before	Right Exterior Girder	13.4167	0.95	1	1	1.639423
Annual Permit 2_str	BOBJ1	13.4167	After	Left Exterior Girder	13.4167	0.95	1	1	1.638969
Annual Permit 2_str	BOBJ1	13.4167	After	Interior Girder 1	13.4167	0.95	1	1	0.897945
Annual Permit 2_str	BOBJ1	13.4167	After	Interior Girder 2	13.4167	0.95	1	1	0.9822
Annual Permit 2_str	BOBJ1	13.4167	After	Interior Girder 3	13.4167	0.95	1	1	1.008339
Annual Permit 2_str	BOBJ1	13.4167	After	Interior Girder 4	13.4167	0.95	1	1	0.977996
Annual Permit 2_str	BOBJ1	13.4167	After	Interior Girder 5	13.4167	0.95	1	1	0.90299
Annual Permit 2_str	BOBJ1	13.4167	After	Right Exterior Girder	13.4167	0.95	1	1	1.638969
Annual Permit 2_str	BOBJ1	15.3333	Before	Left Exterior Girder	15.3333	0.95	1	1	1.880517
Annual Permit 2_str	BOBJ1	15.3333	Before	Interior Girder 1	15.3333	0.95	1	1	1.032341
Annual Permit 2_str	BOBJ1	15.3333	Before	Interior Girder 2	15.3333	0.95	1	1	1.126564
Annual Permit 2_str	BOBJ1	15.3333	Before	Interior Girder 3	15.3333	0.95	1	1	1.145855
Annual Permit 2_str	BOBJ1	15.3333	Before	Interior Girder 4	15.3333	0.95	1	1	1.121816
Annual Permit 2_str	BOBJ1	15.3333	Before	Interior Girder 5	15.3333	0.95	1	1	1.038455
Annual Permit 2_str	BOBJ1	15.3333	Before	Right Exterior Girder	15.3333	0.95	1	1	1.880517
Annual Permit 2_str	BOBJ1	15.3333	After	Left Exterior Girder	15.3333	0.95	1	1	1.879501
Annual Permit 2_str	BOBJ1	15.3333	After	Interior Girder 1	15.3333	0.95	1	1	1.025544
Annual Permit 2_str	BOBJ1	15.3333	After	Interior Girder 2	15.3333	0.95	1	1	1.12002
Annual Permit 2_str	BOBJ1	15.3333	After	Interior Girder 3	15.3333	0.95	1	1	1.141632
Annual Permit 2_str	BOBJ1	15.3333	After	Interior Girder 4	15.3333	0.95	1	1	1.115274
Annual Permit 2_str	BOBJ1	15.3333	After	Interior Girder 5	15.3333	0.95	1	1	1.031745
Annual Permit 2_str	BOBJ1	15.3333	After	Right Exterior Girder	15.3333	0.95	1	1	1.879501
Annual Permit 2_str	BOBJ1	17.25	Before	Left Exterior Girder	17.25	0.95	1	1	2.175756
Annual Permit 2_str	BOBJ1	17.25	Before	Interior Girder 1	17.25	0.95	1	1	1.220719
Annual Permit 2_str	BOBJ1	17.25	Before	Interior Girder 2	17.25	0.95	1	1	1.335548
Annual Permit 2_str	BOBJ1	17.25	Before	Interior Girder 3	17.25	0.95	1	1	1.368122

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelINonCompStrgth-Flx - Main Span Stringers									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Annual Permit 2_str	BOBJ1	17.25	Before	Interior Girder 4	17.25	0.95	1	1	1.330074
Annual Permit 2_str	BOBJ1	17.25	Before	Interior Girder 5	17.25	0.95	1	1	1.227668
Annual Permit 2_str	BOBJ1	17.25	Before	Right Exterior Girder	17.25	0.95	1	1	2.175756
Annual Permit 2_str	BOBJ1	17.25	After	Left Exterior Girder	17.25	0.95	1	1	2.17425
Annual Permit 2_str	BOBJ1	17.25	After	Interior Girder 1	17.25	0.95	1	1	1.201759
Annual Permit 2_str	BOBJ1	17.25	After	Interior Girder 2	17.25	0.95	1	1	1.317379
Annual Permit 2_str	BOBJ1	17.25	After	Interior Girder 3	17.25	0.95	1	1	1.354966
Annual Permit 2_str	BOBJ1	17.25	After	Interior Girder 4	17.25	0.95	1	1	1.311933
Annual Permit 2_str	BOBJ1	17.25	After	Interior Girder 5	17.25	0.95	1	1	1.209037
Annual Permit 2_str	BOBJ1	17.25	After	Right Exterior Girder	17.25	0.95	1	1	2.17425
Annual Permit 2_str	BOBJ1	19.1667	Before	Left Exterior Girder	19.1667	0.95	1	1	2.920125
Annual Permit 2_str	BOBJ1	19.1667	Before	Interior Girder 1	19.1667	0.95	1	1	1.645499
Annual Permit 2_str	BOBJ1	19.1667	Before	Interior Girder 2	19.1667	0.95	1	1	1.80385
Annual Permit 2_str	BOBJ1	19.1667	Before	Interior Girder 3	19.1667	0.95	1	1	1.8648
Annual Permit 2_str	BOBJ1	19.1667	Before	Interior Girder 4	19.1667	0.95	1	1	1.796922
Annual Permit 2_str	BOBJ1	19.1667	Before	Interior Girder 5	19.1667	0.95	1	1	1.655951
Annual Permit 2_str	BOBJ1	19.1667	Before	Right Exterior Girder	19.1667	0.95	1	1	2.920125
Annual Permit 2_str	BOBJ1	19.1667	After	Left Exterior Girder	19.1667	0.95	1	1	2.91937
Annual Permit 2_str	BOBJ1	19.1667	After	Interior Girder 1	19.1667	0.95	1	1	1.606349
Annual Permit 2_str	BOBJ1	19.1667	After	Interior Girder 2	19.1667	0.95	1	1	1.767226
Annual Permit 2_str	BOBJ1	19.1667	After	Interior Girder 3	19.1667	0.95	1	1	1.838263
Annual Permit 2_str	BOBJ1	19.1667	After	Interior Girder 4	19.1667	0.95	1	1	1.760348
Annual Permit 2_str	BOBJ1	19.1667	After	Interior Girder 5	19.1667	0.95	1	1	1.61745
Annual Permit 2_str	BOBJ1	19.1667	After	Right Exterior Girder	19.1667	0.95	1	1	2.91937
Annual Permit 2_str	BOBJ1	21.0833	Before	Left Exterior Girder	21.0833	0.95	1	1	5.353851
Annual Permit 2_str	BOBJ1	21.0833	Before	Interior Girder 1	21.0833	0.95	1	1	3.036954
Annual Permit 2_str	BOBJ1	21.0833	Before	Interior Girder 2	21.0833	0.95	1	1	3.338075
Annual Permit 2_str	BOBJ1	21.0833	Before	Interior Girder 3	21.0833	0.95	1	1	3.461872
Annual Permit 2_str	BOBJ1	21.0833	Before	Interior Girder 4	21.0833	0.95	1	1	3.326731
Annual Permit 2_str	BOBJ1	21.0833	Before	Interior Girder 5	21.0833	0.95	1	1	3.058787
Annual Permit 2_str	BOBJ1	21.0833	Before	Right Exterior Girder	21.0833	0.95	1	1	5.353851
Annual Permit 2_str	BOBJ1	21.0833	After	Left Exterior Girder	21.0833	0.95	1	1	5.346432
Annual Permit 2_str	BOBJ1	21.0833	After	Interior Girder 1	21.0833	0.95	1	1	2.898626
Annual Permit 2_str	BOBJ1	21.0833	After	Interior Girder 2	21.0833	0.95	1	1	3.20579
Annual Permit 2_str	BOBJ1	21.0833	After	Interior Girder 3	21.0833	0.95	1	1	3.362115
Annual Permit 2_str	BOBJ1	21.0833	After	Interior Girder 4	21.0833	0.95	1	1	3.194446
Annual Permit 2_str	BOBJ1	21.0833	After	Interior Girder 5	21.0833	0.95	1	1	2.922192
Annual Permit 2_str	BOBJ1	21.0833	After	Right Exterior Girder	21.0833	0.95	1	1	5.346432
Annual Permit 2_str	BOBJ1	23	Before	Left Exterior Girder	23	0.95	1	1	131.946536
Annual Permit 2_str	BOBJ1	23	Before	Interior Girder 1	23	0.95	1	1	54.443534
Annual Permit 2_str	BOBJ1	23	Before	Interior Girder 2	23	0.95	1	1	61.536035
Annual Permit 2_str	BOBJ1	23	Before	Interior Girder 3	23	0.95	1	1	68.309559
Annual Permit 2_str	BOBJ1	23	Before	Interior Girder 4	23	0.95	1	1	60.945977
Annual Permit 2_str	BOBJ1	23	Before	Interior Girder 5	23	0.95	1	1	54.429983
Annual Permit 2_str	BOBJ1	23	Before	Right Exterior Girder	23	0.95	1	1	133.074478
Overweight Permit_str	BOBJ1	0	After	Left Exterior Girder	0	0.95	1	1	186.811879
Overweight Permit_str	BOBJ1	0	After	Interior Girder 1	0	0.95	1	1	73.122177
Overweight Permit_str	BOBJ1	0	After	Interior Girder 2	0	0.95	1	1	80.323165
Overweight Permit_str	BOBJ1	0	After	Interior Girder 3	0	0.95	1	1	83.113344
Overweight Permit_str	BOBJ1	0	After	Interior Girder 4	0	0.95	1	1	79.435119
Overweight Permit_str	BOBJ1	0	After	Interior Girder 5	0	0.95	1	1	73.122198
Overweight Permit_str	BOBJ1	0	After	Right Exterior Girder	0	0.95	1	1	188.086321
Overweight Permit_str	BOBJ1	1.9167	Before	Left Exterior Girder	1.9167	0.95	1	1	6.146047
Overweight Permit_str	BOBJ1	1.9167	Before	Interior Girder 1	1.9167	0.95	1	1	3.836831
Overweight Permit_str	BOBJ1	1.9167	Before	Interior Girder 2	1.9167	0.95	1	1	4.175606
Overweight Permit_str	BOBJ1	1.9167	Before	Interior Girder 3	1.9167	0.95	1	1	4.272393
Overweight Permit_str	BOBJ1	1.9167	Before	Interior Girder 4	1.9167	0.95	1	1	4.158793
Overweight Permit_str	BOBJ1	1.9167	Before	Interior Girder 5	1.9167	0.95	1	1	3.863234
Overweight Permit_str	BOBJ1	1.9167	Before	Right Exterior Girder	1.9167	0.95	1	1	6.146047
Overweight Permit_str	BOBJ1	1.9167	After	Left Exterior Girder	1.9167	0.95	1	1	6.154363
Overweight Permit_str	BOBJ1	1.9167	After	Interior Girder 1	1.9167	0.95	1	1	4.028281
Overweight Permit_str	BOBJ1	1.9167	After	Interior Girder 2	1.9167	0.95	1	1	4.369824
Overweight Permit_str	BOBJ1	1.9167	After	Interior Girder 3	1.9167	0.95	1	1	4.420922
Overweight Permit_str	BOBJ1	1.9167	After	Interior Girder 4	1.9167	0.95	1	1	4.352805
Overweight Permit_str	BOBJ1	1.9167	After	Interior Girder 5	1.9167	0.95	1	1	4.053587

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelINonCompStrgth-Flx - Main Span Stringers									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Overweight Permit_str	BOBJ1	1.9167	After	Right Exterior Girder	1.9167	0.95	1	1	6.154364
Overweight Permit_str	BOBJ1	3.8333	Before	Left Exterior Girder	3.8333	0.95	1	1	3.40998
Overweight Permit_str	BOBJ1	3.8333	Before	Interior Girder 1	3.8333	0.95	1	1	2.16838
Overweight Permit_str	BOBJ1	3.8333	Before	Interior Girder 2	3.8333	0.95	1	1	2.352058
Overweight Permit_str	BOBJ1	3.8333	Before	Interior Girder 3	3.8333	0.95	1	1	2.379016
Overweight Permit_str	BOBJ1	3.8333	Before	Interior Girder 4	3.8333	0.95	1	1	2.34162
Overweight Permit_str	BOBJ1	3.8333	Before	Interior Girder 5	3.8333	0.95	1	1	2.181085
Overweight Permit_str	BOBJ1	3.8333	Before	Right Exterior Girder	3.8333	0.95	1	1	3.40998
Overweight Permit_str	BOBJ1	3.8333	After	Left Exterior Girder	3.8333	0.95	1	1	3.410636
Overweight Permit_str	BOBJ1	3.8333	After	Interior Girder 1	3.8333	0.95	1	1	2.223739
Overweight Permit_str	BOBJ1	3.8333	After	Interior Girder 2	3.8333	0.95	1	1	2.407656
Overweight Permit_str	BOBJ1	3.8333	After	Interior Girder 3	3.8333	0.95	1	1	2.419871
Overweight Permit_str	BOBJ1	3.8333	After	Interior Girder 4	3.8333	0.95	1	1	2.397066
Overweight Permit_str	BOBJ1	3.8333	After	Interior Girder 5	3.8333	0.95	1	1	2.236012
Overweight Permit_str	BOBJ1	3.8333	After	Right Exterior Girder	3.8333	0.95	1	1	3.410636
Overweight Permit_str	BOBJ1	5.75	Before	Left Exterior Girder	5.75	0.95	1	1	2.527184
Overweight Permit_str	BOBJ1	5.75	Before	Interior Girder 1	5.75	0.95	1	1	1.614552
Overweight Permit_str	BOBJ1	5.75	Before	Interior Girder 2	5.75	0.95	1	1	1.747911
Overweight Permit_str	BOBJ1	5.75	Before	Interior Girder 3	5.75	0.95	1	1	1.749145
Overweight Permit_str	BOBJ1	5.75	Before	Interior Girder 4	5.75	0.95	1	1	1.739648
Overweight Permit_str	BOBJ1	5.75	Before	Interior Girder 5	5.75	0.95	1	1	1.623033
Overweight Permit_str	BOBJ1	5.75	Before	Right Exterior Girder	5.75	0.95	1	1	2.527184
Overweight Permit_str	BOBJ1	5.75	After	Left Exterior Girder	5.75	0.95	1	1	2.528824
Overweight Permit_str	BOBJ1	5.75	After	Interior Girder 1	5.75	0.95	1	1	1.64128
Overweight Permit_str	BOBJ1	5.75	After	Interior Girder 2	5.75	0.95	1	1	1.775344
Overweight Permit_str	BOBJ1	5.75	After	Interior Girder 3	5.75	0.95	1	1	1.769261
Overweight Permit_str	BOBJ1	5.75	After	Interior Girder 4	5.75	0.95	1	1	1.766999
Overweight Permit_str	BOBJ1	5.75	After	Interior Girder 5	5.75	0.95	1	1	1.649526
Overweight Permit_str	BOBJ1	5.75	After	Right Exterior Girder	5.75	0.95	1	1	2.528824
Overweight Permit_str	BOBJ1	7.6667	Before	Left Exterior Girder	7.6667	0.95	1	1	2.170241
Overweight Permit_str	BOBJ1	7.6667	Before	Interior Girder 1	7.6667	0.95	1	1	1.363872
Overweight Permit_str	BOBJ1	7.6667	Before	Interior Girder 2	7.6667	0.95	1	1	1.472118
Overweight Permit_str	BOBJ1	7.6667	Before	Interior Girder 3	7.6667	0.95	1	1	1.463365
Overweight Permit_str	BOBJ1	7.6667	Before	Interior Girder 4	7.6667	0.95	1	1	1.46509
Overweight Permit_str	BOBJ1	7.6667	Before	Interior Girder 5	7.6667	0.95	1	1	1.370366
Overweight Permit_str	BOBJ1	7.6667	Before	Right Exterior Girder	7.6667	0.95	1	1	2.170241
Overweight Permit_str	BOBJ1	7.6667	After	Left Exterior Girder	7.6667	0.95	1	1	2.171414
Overweight Permit_str	BOBJ1	7.6667	After	Interior Girder 1	7.6667	0.95	1	1	1.373634
Overweight Permit_str	BOBJ1	7.6667	After	Interior Girder 2	7.6667	0.95	1	1	1.48048
Overweight Permit_str	BOBJ1	7.6667	After	Interior Girder 3	7.6667	0.95	1	1	1.469136
Overweight Permit_str	BOBJ1	7.6667	After	Interior Girder 4	7.6667	0.95	1	1	1.474063
Overweight Permit_str	BOBJ1	7.6667	After	Interior Girder 5	7.6667	0.95	1	1	1.379941
Overweight Permit_str	BOBJ1	7.6667	After	Right Exterior Girder	7.6667	0.95	1	1	2.171414
Overweight Permit_str	BOBJ1	9.5833	Before	Left Exterior Girder	9.5833	0.95	1	1	1.902493
Overweight Permit_str	BOBJ1	9.5833	Before	Interior Girder 1	9.5833	0.95	1	1	1.22024
Overweight Permit_str	BOBJ1	9.5833	Before	Interior Girder 2	9.5833	0.95	1	1	1.313946
Overweight Permit_str	BOBJ1	9.5833	Before	Interior Girder 3	9.5833	0.95	1	1	1.308483
Overweight Permit_str	BOBJ1	9.5833	Before	Interior Girder 4	9.5833	0.95	1	1	1.307497
Overweight Permit_str	BOBJ1	9.5833	Before	Interior Girder 5	9.5833	0.95	1	1	1.225584
Overweight Permit_str	BOBJ1	9.5833	Before	Right Exterior Girder	9.5833	0.95	1	1	1.902493
Overweight Permit_str	BOBJ1	9.5833	After	Left Exterior Girder	9.5833	0.95	1	1	1.902957
Overweight Permit_str	BOBJ1	9.5833	After	Interior Girder 1	9.5833	0.95	1	1	1.224513
Overweight Permit_str	BOBJ1	9.5833	After	Interior Girder 2	9.5833	0.95	1	1	1.317498
Overweight Permit_str	BOBJ1	9.5833	After	Interior Girder 3	9.5833	0.95	1	1	1.310368
Overweight Permit_str	BOBJ1	9.5833	After	Interior Girder 4	9.5833	0.95	1	1	1.311045
Overweight Permit_str	BOBJ1	9.5833	After	Interior Girder 5	9.5833	0.95	1	1	1.229723
Overweight Permit_str	BOBJ1	9.5833	After	Right Exterior Girder	9.5833	0.95	1	1	1.902957
Overweight Permit_str	BOBJ1	11.5	Before	Left Exterior Girder	11.5	0.95	1	1	1.825928
Overweight Permit_str	BOBJ1	11.5	Before	Interior Girder 1	11.5	0.95	1	1	1.187369
Overweight Permit_str	BOBJ1	11.5	Before	Interior Girder 2	11.5	0.95	1	1	1.274853
Overweight Permit_str	BOBJ1	11.5	Before	Interior Girder 3	11.5	0.95	1	1	1.270887
Overweight Permit_str	BOBJ1	11.5	Before	Interior Girder 4	11.5	0.95	1	1	1.268513
Overweight Permit_str	BOBJ1	11.5	Before	Interior Girder 5	11.5	0.95	1	1	1.192353
Overweight Permit_str	BOBJ1	11.5	Before	Right Exterior Girder	11.5	0.95	1	1	1.825928
Overweight Permit_str	BOBJ1	11.5	After	Left Exterior Girder	11.5	0.95	1	1	1.826013

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelINonCompStrgth-Flx - Main Span Stringers									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Overweight Permit_str	BOBJ1	11.5	After	Interior Girder 1	11.5	0.95	1	1	1.187358
Overweight Permit_str	BOBJ1	11.5	After	Interior Girder 2	11.5	0.95	1	1	1.274859
Overweight Permit_str	BOBJ1	11.5	After	Interior Girder 3	11.5	0.95	1	1	1.270885
Overweight Permit_str	BOBJ1	11.5	After	Interior Girder 4	11.5	0.95	1	1	1.268519
Overweight Permit_str	BOBJ1	11.5	After	Interior Girder 5	11.5	0.95	1	1	1.192341
Overweight Permit_str	BOBJ1	11.5	After	Right Exterior Girder	11.5	0.95	1	1	1.826013
Overweight Permit_str	BOBJ1	13.4167	Before	Left Exterior Girder	13.4167	0.95	1	1	1.903191
Overweight Permit_str	BOBJ1	13.4167	Before	Interior Girder 1	13.4167	0.95	1	1	1.224925
Overweight Permit_str	BOBJ1	13.4167	Before	Interior Girder 2	13.4167	0.95	1	1	1.317813
Overweight Permit_str	BOBJ1	13.4167	Before	Interior Girder 3	13.4167	0.95	1	1	1.310672
Overweight Permit_str	BOBJ1	13.4167	Before	Interior Girder 4	13.4167	0.95	1	1	1.311359
Overweight Permit_str	BOBJ1	13.4167	Before	Interior Girder 5	13.4167	0.95	1	1	1.230137
Overweight Permit_str	BOBJ1	13.4167	Before	Right Exterior Girder	13.4167	0.95	1	1	1.903191
Overweight Permit_str	BOBJ1	13.4167	After	Left Exterior Girder	13.4167	0.95	1	1	1.902689
Overweight Permit_str	BOBJ1	13.4167	After	Interior Girder 1	13.4167	0.95	1	1	1.220628
Overweight Permit_str	BOBJ1	13.4167	After	Interior Girder 2	13.4167	0.95	1	1	1.314272
Overweight Permit_str	BOBJ1	13.4167	After	Interior Girder 3	13.4167	0.95	1	1	1.308783
Overweight Permit_str	BOBJ1	13.4167	After	Interior Girder 4	13.4167	0.95	1	1	1.307821
Overweight Permit_str	BOBJ1	13.4167	After	Interior Girder 5	13.4167	0.95	1	1	1.225974
Overweight Permit_str	BOBJ1	13.4167	After	Right Exterior Girder	13.4167	0.95	1	1	1.902689
Overweight Permit_str	BOBJ1	15.3333	Before	Left Exterior Girder	15.3333	0.95	1	1	2.171993
Overweight Permit_str	BOBJ1	15.3333	Before	Interior Girder 1	15.3333	0.95	1	1	1.374536
Overweight Permit_str	BOBJ1	15.3333	Before	Interior Girder 2	15.3333	0.95	1	1	1.481177
Overweight Permit_str	BOBJ1	15.3333	Before	Interior Girder 3	15.3333	0.95	1	1	1.469802
Overweight Permit_str	BOBJ1	15.3333	Before	Interior Girder 4	15.3333	0.95	1	1	1.474757
Overweight Permit_str	BOBJ1	15.3333	Before	Interior Girder 5	15.3333	0.95	1	1	1.380848
Overweight Permit_str	BOBJ1	15.3333	Before	Right Exterior Girder	15.3333	0.95	1	1	2.171993
Overweight Permit_str	BOBJ1	15.3333	After	Left Exterior Girder	15.3333	0.95	1	1	2.170817
Overweight Permit_str	BOBJ1	15.3333	After	Interior Girder 1	15.3333	0.95	1	1	1.364746
Overweight Permit_str	BOBJ1	15.3333	After	Interior Girder 2	15.3333	0.95	1	1	1.472823
Overweight Permit_str	BOBJ1	15.3333	After	Interior Girder 3	15.3333	0.95	1	1	1.464027
Overweight Permit_str	BOBJ1	15.3333	After	Interior Girder 4	15.3333	0.95	1	1	1.465791
Overweight Permit_str	BOBJ1	15.3333	After	Interior Girder 5	15.3333	0.95	1	1	1.371245
Overweight Permit_str	BOBJ1	15.3333	After	Right Exterior Girder	15.3333	0.95	1	1	2.170817
Overweight Permit_str	BOBJ1	17.25	Before	Left Exterior Girder	17.25	0.95	1	1	2.529804
Overweight Permit_str	BOBJ1	17.25	Before	Interior Girder 1	17.25	0.95	1	1	1.642864
Overweight Permit_str	BOBJ1	17.25	Before	Interior Girder 2	17.25	0.95	1	1	1.776551
Overweight Permit_str	BOBJ1	17.25	Before	Interior Girder 3	17.25	0.95	1	1	1.770426
Overweight Permit_str	BOBJ1	17.25	Before	Interior Girder 4	17.25	0.95	1	1	1.768201
Overweight Permit_str	BOBJ1	17.25	Before	Interior Girder 5	17.25	0.95	1	1	1.651118
Overweight Permit_str	BOBJ1	17.25	Before	Right Exterior Girder	17.25	0.95	1	1	2.529804
Overweight Permit_str	BOBJ1	17.25	After	Left Exterior Girder	17.25	0.95	1	1	2.528087
Overweight Permit_str	BOBJ1	17.25	After	Interior Girder 1	17.25	0.95	1	1	1.616095
Overweight Permit_str	BOBJ1	17.25	After	Interior Girder 2	17.25	0.95	1	1	1.749108
Overweight Permit_str	BOBJ1	17.25	After	Interior Girder 3	17.25	0.95	1	1	1.750298
Overweight Permit_str	BOBJ1	17.25	After	Interior Girder 4	17.25	0.95	1	1	1.740839
Overweight Permit_str	BOBJ1	17.25	After	Interior Girder 5	17.25	0.95	1	1	1.624584
Overweight Permit_str	BOBJ1	17.25	After	Right Exterior Girder	17.25	0.95	1	1	2.528087
Overweight Permit_str	BOBJ1	19.1667	Before	Left Exterior Girder	19.1667	0.95	1	1	3.412103
Overweight Permit_str	BOBJ1	19.1667	Before	Interior Girder 1	19.1667	0.95	1	1	2.226568
Overweight Permit_str	BOBJ1	19.1667	Before	Interior Girder 2	19.1667	0.95	1	1	2.409715
Overweight Permit_str	BOBJ1	19.1667	Before	Interior Girder 3	19.1667	0.95	1	1	2.421898
Overweight Permit_str	BOBJ1	19.1667	Before	Interior Girder 4	19.1667	0.95	1	1	2.399116
Overweight Permit_str	BOBJ1	19.1667	Before	Interior Girder 5	19.1667	0.95	1	1	2.238856
Overweight Permit_str	BOBJ1	19.1667	Before	Right Exterior Girder	19.1667	0.95	1	1	3.412103
Overweight Permit_str	BOBJ1	19.1667	After	Left Exterior Girder	19.1667	0.95	1	1	3.411443
Overweight Permit_str	BOBJ1	19.1667	After	Interior Girder 1	19.1667	0.95	1	1	2.171139
Overweight Permit_str	BOBJ1	19.1667	After	Interior Girder 2	19.1667	0.95	1	1	2.354069
Overweight Permit_str	BOBJ1	19.1667	After	Interior Girder 3	19.1667	0.95	1	1	2.381015
Overweight Permit_str	BOBJ1	19.1667	After	Interior Girder 4	19.1667	0.95	1	1	2.343622
Overweight Permit_str	BOBJ1	19.1667	After	Interior Girder 5	19.1667	0.95	1	1	2.18386
Overweight Permit_str	BOBJ1	19.1667	After	Right Exterior Girder	19.1667	0.95	1	1	3.411443
Overweight Permit_str	BOBJ1	21.0833	Before	Left Exterior Girder	21.0833	0.95	1	1	6.157485
Overweight Permit_str	BOBJ1	21.0833	Before	Interior Girder 1	21.0833	0.95	1	1	4.034377
Overweight Permit_str	BOBJ1	21.0833	Before	Interior Girder 2	21.0833	0.95	1	1	4.374238

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelINonCompStrgth-Flx - Main Span Stringers

Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Overweight Permit_str	BOBJ1	21.0833	Before	Interior Girder 3	21.0833	0.95	1	1	4.425373
Overweight Permit_str	BOBJ1	21.0833	Before	Interior Girder 4	21.0833	0.95	1	1	4.357202
Overweight Permit_str	BOBJ1	21.0833	Before	Interior Girder 5	21.0833	0.95	1	1	4.059722
Overweight Permit_str	BOBJ1	21.0833	Before	Right Exterior Girder	21.0833	0.95	1	1	6.157485
Overweight Permit_str	BOBJ1	21.0833	After	Left Exterior Girder	21.0833	0.95	1	1	6.149449
Overweight Permit_str	BOBJ1	21.0833	After	Interior Girder 1	21.0833	0.95	1	1	3.842641
Overweight Permit_str	BOBJ1	21.0833	After	Interior Girder 2	21.0833	0.95	1	1	4.179803
Overweight Permit_str	BOBJ1	21.0833	After	Interior Girder 3	21.0833	0.95	1	1	4.276709
Overweight Permit_str	BOBJ1	21.0833	After	Interior Girder 4	21.0833	0.95	1	1	4.162974
Overweight Permit_str	BOBJ1	21.0833	After	Interior Girder 5	21.0833	0.95	1	1	3.869084
Overweight Permit_str	BOBJ1	21.0833	After	Right Exterior Girder	21.0833	0.95	1	1	6.149449
Overweight Permit_str	BOBJ1	23	Before	Left Exterior Girder	23	0.95	1	1	186.87826
Overweight Permit_str	BOBJ1	23	Before	Interior Girder 1	23	0.95	1	1	72.894287
Overweight Permit_str	BOBJ1	23	Before	Interior Girder 2	23	0.95	1	1	80.195155
Overweight Permit_str	BOBJ1	23	Before	Interior Girder 3	23	0.95	1	1	82.980179
Overweight Permit_str	BOBJ1	23	Before	Interior Girder 4	23	0.95	1	1	79.308458
Overweight Permit_str	BOBJ1	23	Before	Interior Girder 5	23	0.95	1	1	72.894294
Overweight Permit_str	BOBJ1	23	Before	Right Exterior Girder	23	0.95	1	1	188.153123

TABLE: Bridge Super Rating AASHTORATE18 26 - SteelINonCompServ-Flx - Main Span Stringers									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
HL93_serv_opr	BOBJ1	0	After	Left Exterior Girder	0	0.95	1	1	166.412076
HL93_serv_opr	BOBJ1	0	After	Interior Girder 1	0	0.95	1	1	105.186559
HL93_serv_opr	BOBJ1	0	After	Interior Girder 2	0	0.95	1	1	120.738355
HL93_serv_opr	BOBJ1	0	After	Interior Girder 3	0	0.95	1	1	129.72715
HL93_serv_opr	BOBJ1	0	After	Interior Girder 4	0	0.95	1	1	118.676156
HL93_serv_opr	BOBJ1	0	After	Interior Girder 5	0	0.95	1	1	105.046004
HL93_serv_opr	BOBJ1	0	After	Right Exterior Girder	0	0.95	1	1	167.591081
HL93_serv_opr	BOBJ1	1.9167	Before	Left Exterior Girder	1.9167	0.95	1	1	6.309013
HL93_serv_opr	BOBJ1	1.9167	Before	Interior Girder 1	1.9167	0.95	1	1	3.336558
HL93_serv_opr	BOBJ1	1.9167	Before	Interior Girder 2	1.9167	0.95	1	1	3.652128
HL93_serv_opr	BOBJ1	1.9167	Before	Interior Girder 3	1.9167	0.95	1	1	3.61951
HL93_serv_opr	BOBJ1	1.9167	Before	Interior Girder 4	1.9167	0.95	1	1	3.636343
HL93_serv_opr	BOBJ1	1.9167	Before	Interior Girder 5	1.9167	0.95	1	1	3.364728
HL93_serv_opr	BOBJ1	1.9167	Before	Right Exterior Girder	1.9167	0.95	1	1	6.309013
HL93_serv_opr	BOBJ1	1.9167	After	Left Exterior Girder	1.9167	0.95	1	1	6.299197
HL93_serv_opr	BOBJ1	1.9167	After	Interior Girder 1	1.9167	0.95	1	1	3.457686
HL93_serv_opr	BOBJ1	1.9167	After	Interior Girder 2	1.9167	0.95	1	1	3.731336
HL93_serv_opr	BOBJ1	1.9167	After	Interior Girder 3	1.9167	0.95	1	1	3.694049
HL93_serv_opr	BOBJ1	1.9167	After	Interior Girder 4	1.9167	0.95	1	1	3.716747
HL93_serv_opr	BOBJ1	1.9167	After	Interior Girder 5	1.9167	0.95	1	1	3.484607
HL93_serv_opr	BOBJ1	1.9167	After	Right Exterior Girder	1.9167	0.95	1	1	6.299197
HL93_serv_opr	BOBJ1	3.8333	Before	Left Exterior Girder	3.8333	0.95	1	1	3.50548
HL93_serv_opr	BOBJ1	3.8333	Before	Interior Girder 1	3.8333	0.95	1	1	1.865898
HL93_serv_opr	BOBJ1	3.8333	Before	Interior Girder 2	3.8333	0.95	1	1	2.014685
HL93_serv_opr	BOBJ1	3.8333	Before	Interior Girder 3	3.8333	0.95	1	1	1.9895
HL93_serv_opr	BOBJ1	3.8333	Before	Interior Girder 4	3.8333	0.95	1	1	2.005306
HL93_serv_opr	BOBJ1	3.8333	Before	Interior Girder 5	3.8333	0.95	1	1	1.879537
HL93_serv_opr	BOBJ1	3.8333	Before	Right Exterior Girder	3.8333	0.95	1	1	3.50548
HL93_serv_opr	BOBJ1	3.8333	After	Left Exterior Girder	3.8333	0.95	1	1	3.500124
HL93_serv_opr	BOBJ1	3.8333	After	Interior Girder 1	3.8333	0.95	1	1	1.899456
HL93_serv_opr	BOBJ1	3.8333	After	Interior Girder 2	3.8333	0.95	1	1	2.031162
HL93_serv_opr	BOBJ1	3.8333	After	Interior Girder 3	3.8333	0.95	1	1	2.007581
HL93_serv_opr	BOBJ1	3.8333	After	Interior Girder 4	3.8333	0.95	1	1	2.022149
HL93_serv_opr	BOBJ1	3.8333	After	Interior Girder 5	3.8333	0.95	1	1	1.912586
HL93_serv_opr	BOBJ1	3.8333	After	Right Exterior Girder	3.8333	0.95	1	1	3.500124
HL93_serv_opr	BOBJ1	5.75	Before	Left Exterior Girder	5.75	0.95	1	1	2.67765
HL93_serv_opr	BOBJ1	5.75	Before	Interior Girder 1	5.75	0.95	1	1	1.421248
HL93_serv_opr	BOBJ1	5.75	Before	Interior Girder 2	5.75	0.95	1	1	1.518958
HL93_serv_opr	BOBJ1	5.75	Before	Interior Girder 3	5.75	0.95	1	1	1.498915
HL93_serv_opr	BOBJ1	5.75	Before	Interior Girder 4	5.75	0.95	1	1	1.511492
HL93_serv_opr	BOBJ1	5.75	Before	Interior Girder 5	5.75	0.95	1	1	1.430568
HL93_serv_opr	BOBJ1	5.75	Before	Right Exterior Girder	5.75	0.95	1	1	2.67765
HL93_serv_opr	BOBJ1	5.75	After	Left Exterior Girder	5.75	0.95	1	1	2.676015
HL93_serv_opr	BOBJ1	5.75	After	Interior Girder 1	5.75	0.95	1	1	1.43633
HL93_serv_opr	BOBJ1	5.75	After	Interior Girder 2	5.75	0.95	1	1	1.526593
HL93_serv_opr	BOBJ1	5.75	After	Interior Girder 3	5.75	0.95	1	1	1.507433
HL93_serv_opr	BOBJ1	5.75	After	Interior Girder 4	5.75	0.95	1	1	1.519307
HL93_serv_opr	BOBJ1	5.75	After	Interior Girder 5	5.75	0.95	1	1	1.445424
HL93_serv_opr	BOBJ1	5.75	After	Right Exterior Girder	5.75	0.95	1	1	2.676015
HL93_serv_opr	BOBJ1	7.6667	Before	Left Exterior Girder	7.6667	0.95	1	1	2.39795
HL93_serv_opr	BOBJ1	7.6667	Before	Interior Girder 1	7.6667	0.95	1	1	1.261846
HL93_serv_opr	BOBJ1	7.6667	Before	Interior Girder 2	7.6667	0.95	1	1	1.342366
HL93_serv_opr	BOBJ1	7.6667	Before	Interior Girder 3	7.6667	0.95	1	1	1.323846
HL93_serv_opr	BOBJ1	7.6667	Before	Interior Girder 4	7.6667	0.95	1	1	1.335405
HL93_serv_opr	BOBJ1	7.6667	Before	Interior Girder 5	7.6667	0.95	1	1	1.269508
HL93_serv_opr	BOBJ1	7.6667	Before	Right Exterior Girder	7.6667	0.95	1	1	2.39795
HL93_serv_opr	BOBJ1	7.6667	After	Left Exterior Girder	7.6667	0.95	1	1	2.397391
HL93_serv_opr	BOBJ1	7.6667	After	Interior Girder 1	7.6667	0.95	1	1	1.269286
HL93_serv_opr	BOBJ1	7.6667	After	Interior Girder 2	7.6667	0.95	1	1	1.346139
HL93_serv_opr	BOBJ1	7.6667	After	Interior Girder 3	7.6667	0.95	1	1	1.32811
HL93_serv_opr	BOBJ1	7.6667	After	Interior Girder 4	7.6667	0.95	1	1	1.339276
HL93_serv_opr	BOBJ1	7.6667	After	Interior Girder 5	7.6667	0.95	1	1	1.276853
HL93_serv_opr	BOBJ1	7.6667	After	Right Exterior Girder	7.6667	0.95	1	1	2.397391
HL93_serv_opr	BOBJ1	9.5833	Before	Left Exterior Girder	9.5833	0.95	1	1	2.330088
HL93_serv_opr	BOBJ1	9.5833	Before	Interior Girder 1	9.5833	0.95	1	1	1.225738
HL93_serv_opr	BOBJ1	9.5833	Before	Interior Girder 2	9.5833	0.95	1	1	1.300423
HL93_serv_opr	BOBJ1	9.5833	Before	Interior Girder 3	9.5833	0.95	1	1	1.282706
HL93_serv_opr	BOBJ1	9.5833	Before	Interior Girder 4	9.5833	0.95	1	1	1.293794

TABLE: Bridge Super Rating AASHTORATE18 26 - SteelINonCompServ-Flx - Main Span Stringers									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
HL93_serv_opr	BOBJ1	9.5833	Before	Interior Girder 5	9.5833	0.95	1	1	1.233124
HL93_serv_opr	BOBJ1	9.5833	Before	Right Exterior Girder	9.5833	0.95	1	1	2.330088
HL93_serv_opr	BOBJ1	9.5833	After	Left Exterior Girder	9.5833	0.95	1	1	2.32998
HL93_serv_opr	BOBJ1	9.5833	After	Interior Girder 1	9.5833	0.95	1	1	1.228576
HL93_serv_opr	BOBJ1	9.5833	After	Interior Girder 2	9.5833	0.95	1	1	1.301895
HL93_serv_opr	BOBJ1	9.5833	After	Interior Girder 3	9.5833	0.95	1	1	1.284401
HL93_serv_opr	BOBJ1	9.5833	After	Interior Girder 4	9.5833	0.95	1	1	1.29531
HL93_serv_opr	BOBJ1	9.5833	After	Interior Girder 5	9.5833	0.95	1	1	1.235931
HL93_serv_opr	BOBJ1	9.5833	After	Right Exterior Girder	9.5833	0.95	1	1	2.32998
HL93_serv_opr	BOBJ1	11.5	Before	Left Exterior Girder	11.5	0.95	1	1	2.255544
HL93_serv_opr	BOBJ1	11.5	Before	Interior Girder 1	11.5	0.95	1	1	1.188698
HL93_serv_opr	BOBJ1	11.5	Before	Interior Girder 2	11.5	0.95	1	1	1.257631
HL93_serv_opr	BOBJ1	11.5	Before	Interior Girder 3	11.5	0.95	1	1	1.240598
HL93_serv_opr	BOBJ1	11.5	Before	Interior Girder 4	11.5	0.95	1	1	1.251226
HL93_serv_opr	BOBJ1	11.5	Before	Interior Girder 5	11.5	0.95	1	1	1.195677
HL93_serv_opr	BOBJ1	11.5	Before	Right Exterior Girder	11.5	0.95	1	1	2.255544
HL93_serv_opr	BOBJ1	11.5	After	Left Exterior Girder	11.5	0.95	1	1	2.255556
HL93_serv_opr	BOBJ1	11.5	After	Interior Girder 1	11.5	0.95	1	1	1.188686
HL93_serv_opr	BOBJ1	11.5	After	Interior Girder 2	11.5	0.95	1	1	1.257637
HL93_serv_opr	BOBJ1	11.5	After	Interior Girder 3	11.5	0.95	1	1	1.240596
HL93_serv_opr	BOBJ1	11.5	After	Interior Girder 4	11.5	0.95	1	1	1.251232
HL93_serv_opr	BOBJ1	11.5	After	Interior Girder 5	11.5	0.95	1	1	1.195666
HL93_serv_opr	BOBJ1	11.5	After	Right Exterior Girder	11.5	0.95	1	1	2.255556
HL93_serv_opr	BOBJ1	13.4167	Before	Left Exterior Girder	13.4167	0.95	1	1	2.330267
HL93_serv_opr	BOBJ1	13.4167	Before	Interior Girder 1	13.4167	0.95	1	1	1.22899
HL93_serv_opr	BOBJ1	13.4167	Before	Interior Girder 2	13.4167	0.95	1	1	1.302206
HL93_serv_opr	BOBJ1	13.4167	Before	Interior Girder 3	13.4167	0.95	1	1	1.2847
HL93_serv_opr	BOBJ1	13.4167	Before	Interior Girder 4	13.4167	0.95	1	1	1.29562
HL93_serv_opr	BOBJ1	13.4167	Before	Interior Girder 5	13.4167	0.95	1	1	1.236347
HL93_serv_opr	BOBJ1	13.4167	Before	Right Exterior Girder	13.4167	0.95	1	1	2.330267
HL93_serv_opr	BOBJ1	13.4167	After	Left Exterior Girder	13.4167	0.95	1	1	2.330399
HL93_serv_opr	BOBJ1	13.4167	After	Interior Girder 1	13.4167	0.95	1	1	1.226127
HL93_serv_opr	BOBJ1	13.4167	After	Interior Girder 2	13.4167	0.95	1	1	1.300745
HL93_serv_opr	BOBJ1	13.4167	After	Interior Girder 3	13.4167	0.95	1	1	1.283001
HL93_serv_opr	BOBJ1	13.4167	After	Interior Girder 4	13.4167	0.95	1	1	1.294114
HL93_serv_opr	BOBJ1	13.4167	After	Interior Girder 5	13.4167	0.95	1	1	1.233516
HL93_serv_opr	BOBJ1	13.4167	After	Right Exterior Girder	13.4167	0.95	1	1	2.330399
HL93_serv_opr	BOBJ1	15.3333	Before	Left Exterior Girder	15.3333	0.95	1	1	2.397977
HL93_serv_opr	BOBJ1	15.3333	Before	Interior Girder 1	15.3333	0.95	1	1	1.270121
HL93_serv_opr	BOBJ1	15.3333	Before	Interior Girder 2	15.3333	0.95	1	1	1.346773
HL93_serv_opr	BOBJ1	15.3333	Before	Interior Girder 3	15.3333	0.95	1	1	1.328713
HL93_serv_opr	BOBJ1	15.3333	Before	Interior Girder 4	15.3333	0.95	1	1	1.339907
HL93_serv_opr	BOBJ1	15.3333	Before	Interior Girder 5	15.3333	0.95	1	1	1.277692
HL93_serv_opr	BOBJ1	15.3333	Before	Right Exterior Girder	15.3333	0.95	1	1	2.397977
HL93_serv_opr	BOBJ1	15.3333	After	Left Exterior Girder	15.3333	0.95	1	1	2.398556
HL93_serv_opr	BOBJ1	15.3333	After	Interior Girder 1	15.3333	0.95	1	1	1.262655
HL93_serv_opr	BOBJ1	15.3333	After	Interior Girder 2	15.3333	0.95	1	1	1.343009
HL93_serv_opr	BOBJ1	15.3333	After	Interior Girder 3	15.3333	0.95	1	1	1.324444
HL93_serv_opr	BOBJ1	15.3333	After	Interior Girder 4	15.3333	0.95	1	1	1.336044
HL93_serv_opr	BOBJ1	15.3333	After	Interior Girder 5	15.3333	0.95	1	1	1.270322
HL93_serv_opr	BOBJ1	15.3333	After	Right Exterior Girder	15.3333	0.95	1	1	2.398556
HL93_serv_opr	BOBJ1	17.25	Before	Left Exterior Girder	17.25	0.95	1	1	2.676956
HL93_serv_opr	BOBJ1	17.25	Before	Interior Girder 1	17.25	0.95	1	1	1.437716
HL93_serv_opr	BOBJ1	17.25	Before	Interior Girder 2	17.25	0.95	1	1	1.527631
HL93_serv_opr	BOBJ1	17.25	Before	Interior Girder 3	17.25	0.95	1	1	1.508425
HL93_serv_opr	BOBJ1	17.25	Before	Interior Girder 4	17.25	0.95	1	1	1.52034
HL93_serv_opr	BOBJ1	17.25	Before	Interior Girder 5	17.25	0.95	1	1	1.446819
HL93_serv_opr	BOBJ1	17.25	Before	Right Exterior Girder	17.25	0.95	1	1	2.676956
HL93_serv_opr	BOBJ1	17.25	After	Left Exterior Girder	17.25	0.95	1	1	2.678603
HL93_serv_opr	BOBJ1	17.25	After	Interior Girder 1	17.25	0.95	1	1	1.422606
HL93_serv_opr	BOBJ1	17.25	After	Interior Girder 2	17.25	0.95	1	1	1.519998
HL93_serv_opr	BOBJ1	17.25	After	Interior Girder 3	17.25	0.95	1	1	1.499903
HL93_serv_opr	BOBJ1	17.25	After	Interior Girder 4	17.25	0.95	1	1	1.512527
HL93_serv_opr	BOBJ1	17.25	After	Interior Girder 5	17.25	0.95	1	1	1.431935
HL93_serv_opr	BOBJ1	17.25	After	Right Exterior Girder	17.25	0.95	1	1	2.678603
HL93_serv_opr	BOBJ1	19.1667	Before	Left Exterior Girder	19.1667	0.95	1	1	3.501629
HL93_serv_opr	BOBJ1	19.1667	Before	Interior Girder 1	19.1667	0.95	1	1	1.901872
HL93_serv_opr	BOBJ1	19.1667	Before	Interior Girder 2	19.1667	0.95	1	1	2.032899

TABLE: Bridge Super Rating AASHTORATE18 26 - SteelINonCompServ-Flx - Main Span Stringers									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
HL93_serv_opr	BOBJ1	19.1667	Before	Interior Girder 3	19.1667	0.95	1	1	2.009263
HL93_serv_opr	BOBJ1	19.1667	Before	Interior Girder 4	19.1667	0.95	1	1	2.023877
HL93_serv_opr	BOBJ1	19.1667	Before	Interior Girder 5	19.1667	0.95	1	1	1.915019
HL93_serv_opr	BOBJ1	19.1667	Before	Right Exterior Girder	19.1667	0.95	1	1	3.501629
HL93_serv_opr	BOBJ1	19.1667	After	Left Exterior Girder	19.1667	0.95	1	1	3.506984
HL93_serv_opr	BOBJ1	19.1667	After	Interior Girder 1	19.1667	0.95	1	1	1.868272
HL93_serv_opr	BOBJ1	19.1667	After	Interior Girder 2	19.1667	0.95	1	1	2.016408
HL93_serv_opr	BOBJ1	19.1667	After	Interior Girder 3	19.1667	0.95	1	1	1.991172
HL93_serv_opr	BOBJ1	19.1667	After	Interior Girder 4	19.1667	0.95	1	1	2.007021
HL93_serv_opr	BOBJ1	19.1667	After	Interior Girder 5	19.1667	0.95	1	1	1.881928
HL93_serv_opr	BOBJ1	19.1667	After	Right Exterior Girder	19.1667	0.95	1	1	3.506984
HL93_serv_opr	BOBJ1	21.0833	Before	Left Exterior Girder	21.0833	0.95	1	1	6.302392
HL93_serv_opr	BOBJ1	21.0833	Before	Interior Girder 1	21.0833	0.95	1	1	3.462918
HL93_serv_opr	BOBJ1	21.0833	Before	Interior Girder 2	21.0833	0.95	1	1	3.735106
HL93_serv_opr	BOBJ1	21.0833	Before	Interior Girder 3	21.0833	0.95	1	1	3.697768
HL93_serv_opr	BOBJ1	21.0833	Before	Interior Girder 4	21.0833	0.95	1	1	3.720502
HL93_serv_opr	BOBJ1	21.0833	Before	Interior Girder 5	21.0833	0.95	1	1	3.48988
HL93_serv_opr	BOBJ1	21.0833	Before	Right Exterior Girder	21.0833	0.95	1	1	6.302392
HL93_serv_opr	BOBJ1	21.0833	After	Left Exterior Girder	21.0833	0.95	1	1	6.312231
HL93_serv_opr	BOBJ1	21.0833	After	Interior Girder 1	21.0833	0.95	1	1	3.341611
HL93_serv_opr	BOBJ1	21.0833	After	Interior Girder 2	21.0833	0.95	1	1	3.655799
HL93_serv_opr	BOBJ1	21.0833	After	Interior Girder 3	21.0833	0.95	1	1	3.623166
HL93_serv_opr	BOBJ1	21.0833	After	Interior Girder 4	21.0833	0.95	1	1	3.639998
HL93_serv_opr	BOBJ1	21.0833	After	Interior Girder 5	21.0833	0.95	1	1	3.369823
HL93_serv_opr	BOBJ1	21.0833	After	Right Exterior Girder	21.0833	0.95	1	1	6.312231
HL93_serv_opr	BOBJ1	23	Before	Left Exterior Girder	23	0.95	1	1	166.471208
HL93_serv_opr	BOBJ1	23	Before	Interior Girder 1	23	0.95	1	1	104.966948
HL93_serv_opr	BOBJ1	23	Before	Interior Girder 2	23	0.95	1	1	120.613431
HL93_serv_opr	BOBJ1	23	Before	Interior Girder 3	23	0.95	1	1	129.591968
HL93_serv_opr	BOBJ1	23	Before	Interior Girder 4	23	0.95	1	1	118.553366
HL93_serv_opr	BOBJ1	23	Before	Interior Girder 5	23	0.95	1	1	104.826668
HL93_serv_opr	BOBJ1	23	Before	Right Exterior Girder	23	0.95	1	1	167.650611
HL93_serv_inv	BOBJ1	0	After	Left Exterior Girder	0	0.95	1	1	128.009289
HL93_serv_inv	BOBJ1	0	After	Interior Girder 1	0	0.95	1	1	80.912738
HL93_serv_inv	BOBJ1	0	After	Interior Girder 2	0	0.95	1	1	92.875658
HL93_serv_inv	BOBJ1	0	After	Interior Girder 3	0	0.95	1	1	99.790115
HL93_serv_inv	BOBJ1	0	After	Interior Girder 4	0	0.95	1	1	91.289351
HL93_serv_inv	BOBJ1	0	After	Interior Girder 5	0	0.95	1	1	80.804618
HL93_serv_inv	BOBJ1	0	After	Right Exterior Girder	0	0.95	1	1	128.916216
HL93_serv_inv	BOBJ1	1.9167	Before	Left Exterior Girder	1.9167	0.95	1	1	4.853087
HL93_serv_inv	BOBJ1	1.9167	Before	Interior Girder 1	1.9167	0.95	1	1	2.566583
HL93_serv_inv	BOBJ1	1.9167	Before	Interior Girder 2	1.9167	0.95	1	1	2.80933
HL93_serv_inv	BOBJ1	1.9167	Before	Interior Girder 3	1.9167	0.95	1	1	2.784239
HL93_serv_inv	BOBJ1	1.9167	Before	Interior Girder 4	1.9167	0.95	1	1	2.797187
HL93_serv_inv	BOBJ1	1.9167	Before	Interior Girder 5	1.9167	0.95	1	1	2.588252
HL93_serv_inv	BOBJ1	1.9167	Before	Right Exterior Girder	1.9167	0.95	1	1	4.853087
HL93_serv_inv	BOBJ1	1.9167	After	Left Exterior Girder	1.9167	0.95	1	1	4.845536
HL93_serv_inv	BOBJ1	1.9167	After	Interior Girder 1	1.9167	0.95	1	1	2.659758
HL93_serv_inv	BOBJ1	1.9167	After	Interior Girder 2	1.9167	0.95	1	1	2.870259
HL93_serv_inv	BOBJ1	1.9167	After	Interior Girder 3	1.9167	0.95	1	1	2.841576
HL93_serv_inv	BOBJ1	1.9167	After	Interior Girder 4	1.9167	0.95	1	1	2.859036
HL93_serv_inv	BOBJ1	1.9167	After	Interior Girder 5	1.9167	0.95	1	1	2.680467
HL93_serv_inv	BOBJ1	1.9167	After	Right Exterior Girder	1.9167	0.95	1	1	4.845536
HL93_serv_inv	BOBJ1	3.8333	Before	Left Exterior Girder	3.8333	0.95	1	1	2.696523
HL93_serv_inv	BOBJ1	3.8333	Before	Interior Girder 1	3.8333	0.95	1	1	1.435306
HL93_serv_inv	BOBJ1	3.8333	Before	Interior Girder 2	3.8333	0.95	1	1	1.549758
HL93_serv_inv	BOBJ1	3.8333	Before	Interior Girder 3	3.8333	0.95	1	1	1.530385
HL93_serv_inv	BOBJ1	3.8333	Before	Interior Girder 4	3.8333	0.95	1	1	1.542543
HL93_serv_inv	BOBJ1	3.8333	Before	Interior Girder 5	3.8333	0.95	1	1	1.445797
HL93_serv_inv	BOBJ1	3.8333	Before	Right Exterior Girder	3.8333	0.95	1	1	2.696523
HL93_serv_inv	BOBJ1	3.8333	After	Left Exterior Girder	3.8333	0.95	1	1	2.692403
HL93_serv_inv	BOBJ1	3.8333	After	Interior Girder 1	3.8333	0.95	1	1	1.46112
HL93_serv_inv	BOBJ1	3.8333	After	Interior Girder 2	3.8333	0.95	1	1	1.562432
HL93_serv_inv	BOBJ1	3.8333	After	Interior Girder 3	3.8333	0.95	1	1	1.544293
HL93_serv_inv	BOBJ1	3.8333	After	Interior Girder 4	3.8333	0.95	1	1	1.555499
HL93_serv_inv	BOBJ1	3.8333	After	Interior Girder 5	3.8333	0.95	1	1	1.47122
HL93_serv_inv	BOBJ1	3.8333	After	Right Exterior Girder	3.8333	0.95	1	1	2.692403
HL93_serv_inv	BOBJ1	5.75	Before	Left Exterior Girder	5.75	0.95	1	1	2.059731

TABLE: Bridge Super Rating AASHTORATE18 26 - SteelINonCompServ-Flx - Main Span Stringers									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
HL93_serv_inv	BOBJ1	5.75	Before	Interior Girder 1	5.75	0.95	1	1	1.093268
HL93_serv_inv	BOBJ1	5.75	Before	Interior Girder 2	5.75	0.95	1	1	1.168429
HL93_serv_inv	BOBJ1	5.75	Before	Interior Girder 3	5.75	0.95	1	1	1.153012
HL93_serv_inv	BOBJ1	5.75	Before	Interior Girder 4	5.75	0.95	1	1	1.162686
HL93_serv_inv	BOBJ1	5.75	Before	Interior Girder 5	5.75	0.95	1	1	1.100437
HL93_serv_inv	BOBJ1	5.75	Before	Right Exterior Girder	5.75	0.95	1	1	2.059731
HL93_serv_inv	BOBJ1	5.75	After	Left Exterior Girder	5.75	0.95	1	1	2.058473
HL93_serv_inv	BOBJ1	5.75	After	Interior Girder 1	5.75	0.95	1	1	1.104869
HL93_serv_inv	BOBJ1	5.75	After	Interior Girder 2	5.75	0.95	1	1	1.174302
HL93_serv_inv	BOBJ1	5.75	After	Interior Girder 3	5.75	0.95	1	1	1.159563
HL93_serv_inv	BOBJ1	5.75	After	Interior Girder 4	5.75	0.95	1	1	1.168697
HL93_serv_inv	BOBJ1	5.75	After	Interior Girder 5	5.75	0.95	1	1	1.111864
HL93_serv_inv	BOBJ1	5.75	After	Right Exterior Girder	5.75	0.95	1	1	2.058473
HL93_serv_inv	BOBJ1	7.6667	Before	Left Exterior Girder	7.6667	0.95	1	1	1.844577
HL93_serv_inv	BOBJ1	7.6667	Before	Interior Girder 1	7.6667	0.95	1	1	0.970651
HL93_serv_inv	BOBJ1	7.6667	Before	Interior Girder 2	7.6667	0.95	1	1	1.032589
HL93_serv_inv	BOBJ1	7.6667	Before	Interior Girder 3	7.6667	0.95	1	1	1.018343
HL93_serv_inv	BOBJ1	7.6667	Before	Interior Girder 4	7.6667	0.95	1	1	1.027234
HL93_serv_inv	BOBJ1	7.6667	Before	Interior Girder 5	7.6667	0.95	1	1	0.976544
HL93_serv_inv	BOBJ1	7.6667	Before	Right Exterior Girder	7.6667	0.95	1	1	1.844577
HL93_serv_inv	BOBJ1	7.6667	After	Left Exterior Girder	7.6667	0.95	1	1	1.844147
HL93_serv_inv	BOBJ1	7.6667	After	Interior Girder 1	7.6667	0.95	1	1	0.976374
HL93_serv_inv	BOBJ1	7.6667	After	Interior Girder 2	7.6667	0.95	1	1	1.035492
HL93_serv_inv	BOBJ1	7.6667	After	Interior Girder 3	7.6667	0.95	1	1	1.021623
HL93_serv_inv	BOBJ1	7.6667	After	Interior Girder 4	7.6667	0.95	1	1	1.030212
HL93_serv_inv	BOBJ1	7.6667	After	Interior Girder 5	7.6667	0.95	1	1	0.982194
HL93_serv_inv	BOBJ1	7.6667	After	Right Exterior Girder	7.6667	0.95	1	1	1.844147
HL93_serv_inv	BOBJ1	9.5833	Before	Left Exterior Girder	9.5833	0.95	1	1	1.792375
HL93_serv_inv	BOBJ1	9.5833	Before	Interior Girder 1	9.5833	0.95	1	1	0.942875
HL93_serv_inv	BOBJ1	9.5833	Before	Interior Girder 2	9.5833	0.95	1	1	1.000325
HL93_serv_inv	BOBJ1	9.5833	Before	Interior Girder 3	9.5833	0.95	1	1	0.986697
HL93_serv_inv	BOBJ1	9.5833	Before	Interior Girder 4	9.5833	0.95	1	1	0.995226
HL93_serv_inv	BOBJ1	9.5833	Before	Interior Girder 5	9.5833	0.95	1	1	0.948557
HL93_serv_inv	BOBJ1	9.5833	Before	Right Exterior Girder	9.5833	0.95	1	1	1.792375
HL93_serv_inv	BOBJ1	9.5833	After	Left Exterior Girder	9.5833	0.95	1	1	1.792293
HL93_serv_inv	BOBJ1	9.5833	After	Interior Girder 1	9.5833	0.95	1	1	0.945059
HL93_serv_inv	BOBJ1	9.5833	After	Interior Girder 2	9.5833	0.95	1	1	1.001458
HL93_serv_inv	BOBJ1	9.5833	After	Interior Girder 3	9.5833	0.95	1	1	0.988001
HL93_serv_inv	BOBJ1	9.5833	After	Interior Girder 4	9.5833	0.95	1	1	0.996392
HL93_serv_inv	BOBJ1	9.5833	After	Interior Girder 5	9.5833	0.95	1	1	0.950716
HL93_serv_inv	BOBJ1	9.5833	After	Right Exterior Girder	9.5833	0.95	1	1	1.792293
HL93_serv_inv	BOBJ1	11.5	Before	Left Exterior Girder	11.5	0.95	1	1	1.735034
HL93_serv_inv	BOBJ1	11.5	Before	Interior Girder 1	11.5	0.95	1	1	0.914383
HL93_serv_inv	BOBJ1	11.5	Before	Interior Girder 2	11.5	0.95	1	1	0.967408
HL93_serv_inv	BOBJ1	11.5	Before	Interior Girder 3	11.5	0.95	1	1	0.954306
HL93_serv_inv	BOBJ1	11.5	Before	Interior Girder 4	11.5	0.95	1	1	0.962481
HL93_serv_inv	BOBJ1	11.5	Before	Interior Girder 5	11.5	0.95	1	1	0.919752
HL93_serv_inv	BOBJ1	11.5	Before	Right Exterior Girder	11.5	0.95	1	1	1.735034
HL93_serv_inv	BOBJ1	11.5	After	Left Exterior Girder	11.5	0.95	1	1	1.735043
HL93_serv_inv	BOBJ1	11.5	After	Interior Girder 1	11.5	0.95	1	1	0.914374
HL93_serv_inv	BOBJ1	11.5	After	Interior Girder 2	11.5	0.95	1	1	0.967413
HL93_serv_inv	BOBJ1	11.5	After	Interior Girder 3	11.5	0.95	1	1	0.954305
HL93_serv_inv	BOBJ1	11.5	After	Interior Girder 4	11.5	0.95	1	1	0.962486
HL93_serv_inv	BOBJ1	11.5	After	Interior Girder 5	11.5	0.95	1	1	0.919743
HL93_serv_inv	BOBJ1	11.5	After	Right Exterior Girder	11.5	0.95	1	1	1.735043
HL93_serv_inv	BOBJ1	13.4167	Before	Left Exterior Girder	13.4167	0.95	1	1	1.792513
HL93_serv_inv	BOBJ1	13.4167	Before	Interior Girder 1	13.4167	0.95	1	1	0.945377
HL93_serv_inv	BOBJ1	13.4167	Before	Interior Girder 2	13.4167	0.95	1	1	1.001697
HL93_serv_inv	BOBJ1	13.4167	Before	Interior Girder 3	13.4167	0.95	1	1	0.98823
HL93_serv_inv	BOBJ1	13.4167	Before	Interior Girder 4	13.4167	0.95	1	1	0.996631
HL93_serv_inv	BOBJ1	13.4167	Before	Interior Girder 5	13.4167	0.95	1	1	0.951036
HL93_serv_inv	BOBJ1	13.4167	Before	Right Exterior Girder	13.4167	0.95	1	1	1.792513
HL93_serv_inv	BOBJ1	13.4167	After	Left Exterior Girder	13.4167	0.95	1	1	1.792614
HL93_serv_inv	BOBJ1	13.4167	After	Interior Girder 1	13.4167	0.95	1	1	0.943175
HL93_serv_inv	BOBJ1	13.4167	After	Interior Girder 2	13.4167	0.95	1	1	1.000573
HL93_serv_inv	BOBJ1	13.4167	After	Interior Girder 3	13.4167	0.95	1	1	0.986924
HL93_serv_inv	BOBJ1	13.4167	After	Interior Girder 4	13.4167	0.95	1	1	0.995473
HL93_serv_inv	BOBJ1	13.4167	After	Interior Girder 5	13.4167	0.95	1	1	0.948858

TABLE: Bridge Super Rating AASHTORATE18 26 - SteelINonCompServ-Flx - Main Span Stringers									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
HL93_serv_inv	BOBJ1	13.4167	After	Right Exterior Girder	13.4167	0.95	1	1	1.792614
HL93_serv_inv	BOBJ1	15.3333	Before	Left Exterior Girder	15.3333	0.95	1	1	1.844597
HL93_serv_inv	BOBJ1	15.3333	Before	Interior Girder 1	15.3333	0.95	1	1	0.977016
HL93_serv_inv	BOBJ1	15.3333	Before	Interior Girder 2	15.3333	0.95	1	1	1.03598
HL93_serv_inv	BOBJ1	15.3333	Before	Interior Girder 3	15.3333	0.95	1	1	1.022087
HL93_serv_inv	BOBJ1	15.3333	Before	Interior Girder 4	15.3333	0.95	1	1	1.030697
HL93_serv_inv	BOBJ1	15.3333	Before	Interior Girder 5	15.3333	0.95	1	1	0.98284
HL93_serv_inv	BOBJ1	15.3333	Before	Right Exterior Girder	15.3333	0.95	1	1	1.844597
HL93_serv_inv	BOBJ1	15.3333	After	Left Exterior Girder	15.3333	0.95	1	1	1.845043
HL93_serv_inv	BOBJ1	15.3333	After	Interior Girder 1	15.3333	0.95	1	1	0.971273
HL93_serv_inv	BOBJ1	15.3333	After	Interior Girder 2	15.3333	0.95	1	1	1.033083
HL93_serv_inv	BOBJ1	15.3333	After	Interior Girder 3	15.3333	0.95	1	1	1.018803
HL93_serv_inv	BOBJ1	15.3333	After	Interior Girder 4	15.3333	0.95	1	1	1.027726
HL93_serv_inv	BOBJ1	15.3333	After	Interior Girder 5	15.3333	0.95	1	1	0.977171
HL93_serv_inv	BOBJ1	15.3333	After	Right Exterior Girder	15.3333	0.95	1	1	1.845043
HL93_serv_inv	BOBJ1	17.25	Before	Left Exterior Girder	17.25	0.95	1	1	2.059197
HL93_serv_inv	BOBJ1	17.25	Before	Interior Girder 1	17.25	0.95	1	1	1.105936
HL93_serv_inv	BOBJ1	17.25	Before	Interior Girder 2	17.25	0.95	1	1	1.175101
HL93_serv_inv	BOBJ1	17.25	Before	Interior Girder 3	17.25	0.95	1	1	1.160327
HL93_serv_inv	BOBJ1	17.25	Before	Interior Girder 4	17.25	0.95	1	1	1.169492
HL93_serv_inv	BOBJ1	17.25	Before	Interior Girder 5	17.25	0.95	1	1	1.112938
HL93_serv_inv	BOBJ1	17.25	Before	Right Exterior Girder	17.25	0.95	1	1	2.059197
HL93_serv_inv	BOBJ1	17.25	After	Left Exterior Girder	17.25	0.95	1	1	2.060464
HL93_serv_inv	BOBJ1	17.25	After	Interior Girder 1	17.25	0.95	1	1	1.094313
HL93_serv_inv	BOBJ1	17.25	After	Interior Girder 2	17.25	0.95	1	1	1.169229
HL93_serv_inv	BOBJ1	17.25	After	Interior Girder 3	17.25	0.95	1	1	1.153772
HL93_serv_inv	BOBJ1	17.25	After	Interior Girder 4	17.25	0.95	1	1	1.163482
HL93_serv_inv	BOBJ1	17.25	After	Interior Girder 5	17.25	0.95	1	1	1.101488
HL93_serv_inv	BOBJ1	17.25	After	Right Exterior Girder	17.25	0.95	1	1	2.060464
HL93_serv_inv	BOBJ1	19.1667	Before	Left Exterior Girder	19.1667	0.95	1	1	2.693561
HL93_serv_inv	BOBJ1	19.1667	Before	Interior Girder 1	19.1667	0.95	1	1	1.462978
HL93_serv_inv	BOBJ1	19.1667	Before	Interior Girder 2	19.1667	0.95	1	1	1.563768
HL93_serv_inv	BOBJ1	19.1667	Before	Interior Girder 3	19.1667	0.95	1	1	1.545587
HL93_serv_inv	BOBJ1	19.1667	Before	Interior Girder 4	19.1667	0.95	1	1	1.556829
HL93_serv_inv	BOBJ1	19.1667	Before	Interior Girder 5	19.1667	0.95	1	1	1.473091
HL93_serv_inv	BOBJ1	19.1667	Before	Right Exterior Girder	19.1667	0.95	1	1	2.693561
HL93_serv_inv	BOBJ1	19.1667	After	Left Exterior Girder	19.1667	0.95	1	1	2.69768
HL93_serv_inv	BOBJ1	19.1667	After	Interior Girder 1	19.1667	0.95	1	1	1.437132
HL93_serv_inv	BOBJ1	19.1667	After	Interior Girder 2	19.1667	0.95	1	1	1.551083
HL93_serv_inv	BOBJ1	19.1667	After	Interior Girder 3	19.1667	0.95	1	1	1.531671
HL93_serv_inv	BOBJ1	19.1667	After	Interior Girder 4	19.1667	0.95	1	1	1.543862
HL93_serv_inv	BOBJ1	19.1667	After	Interior Girder 5	19.1667	0.95	1	1	1.447637
HL93_serv_inv	BOBJ1	19.1667	After	Right Exterior Girder	19.1667	0.95	1	1	2.69768
HL93_serv_inv	BOBJ1	21.0833	Before	Left Exterior Girder	21.0833	0.95	1	1	4.847994
HL93_serv_inv	BOBJ1	21.0833	Before	Interior Girder 1	21.0833	0.95	1	1	2.663783
HL93_serv_inv	BOBJ1	21.0833	Before	Interior Girder 2	21.0833	0.95	1	1	2.873158
HL93_serv_inv	BOBJ1	21.0833	Before	Interior Girder 3	21.0833	0.95	1	1	2.844437
HL93_serv_inv	BOBJ1	21.0833	Before	Interior Girder 4	21.0833	0.95	1	1	2.861925
HL93_serv_inv	BOBJ1	21.0833	Before	Interior Girder 5	21.0833	0.95	1	1	2.684523
HL93_serv_inv	BOBJ1	21.0833	Before	Right Exterior Girder	21.0833	0.95	1	1	4.847994
HL93_serv_inv	BOBJ1	21.0833	After	Left Exterior Girder	21.0833	0.95	1	1	4.855562
HL93_serv_inv	BOBJ1	21.0833	After	Interior Girder 1	21.0833	0.95	1	1	2.57047
HL93_serv_inv	BOBJ1	21.0833	After	Interior Girder 2	21.0833	0.95	1	1	2.812153
HL93_serv_inv	BOBJ1	21.0833	After	Interior Girder 3	21.0833	0.95	1	1	2.787051
HL93_serv_inv	BOBJ1	21.0833	After	Interior Girder 4	21.0833	0.95	1	1	2.799999
HL93_serv_inv	BOBJ1	21.0833	After	Interior Girder 5	21.0833	0.95	1	1	2.592172
HL93_serv_inv	BOBJ1	21.0833	After	Right Exterior Girder	21.0833	0.95	1	1	4.855562
HL93_serv_inv	BOBJ1	23	Before	Left Exterior Girder	23	0.95	1	1	128.054776
HL93_serv_inv	BOBJ1	23	Before	Interior Girder 1	23	0.95	1	1	80.743806
HL93_serv_inv	BOBJ1	23	Before	Interior Girder 2	23	0.95	1	1	92.779562
HL93_serv_inv	BOBJ1	23	Before	Interior Girder 3	23	0.95	1	1	99.686129
HL93_serv_inv	BOBJ1	23	Before	Interior Girder 4	23	0.95	1	1	91.194897
HL93_serv_inv	BOBJ1	23	Before	Interior Girder 5	23	0.95	1	1	80.635898
HL93_serv_inv	BOBJ1	23	Before	Right Exterior Girder	23	0.95	1	1	128.962008
HS20_serv_opr	BOBJ1	0	After	Left Exterior Girder	0	0.95	1	1	186.517674
HS20_serv_opr	BOBJ1	0	After	Interior Girder 1	0	0.95	1	1	118.001724
HS20_serv_opr	BOBJ1	0	After	Interior Girder 2	0	0.95	1	1	135.483689
HS20_serv_opr	BOBJ1	0	After	Interior Girder 3	0	0.95	1	1	146.046405

TABLE: Bridge Super Rating AASHTORATE18 26 - SteelINonCompServ-Flx - Main Span Stringers									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
HS20_serv_opr	BOBJ1	0	After	Interior Girder 4	0	0.95	1	1	134.027907
HS20_serv_opr	BOBJ1	0	After	Interior Girder 5	0	0.95	1	1	118.00174
HS20_serv_opr	BOBJ1	0	After	Right Exterior Girder	0	0.95	1	1	188.207431
HS20_serv_opr	BOBJ1	1.9167	Before	Left Exterior Girder	1.9167	0.95	1	1	6.850262
HS20_serv_opr	BOBJ1	1.9167	Before	Interior Girder 1	1.9167	0.95	1	1	3.696381
HS20_serv_opr	BOBJ1	1.9167	Before	Interior Girder 2	1.9167	0.95	1	1	4.024784
HS20_serv_opr	BOBJ1	1.9167	Before	Interior Girder 3	1.9167	0.95	1	1	4.009617
HS20_serv_opr	BOBJ1	1.9167	Before	Interior Girder 4	1.9167	0.95	1	1	4.015823
HS20_serv_opr	BOBJ1	1.9167	Before	Interior Girder 5	1.9167	0.95	1	1	3.729365
HS20_serv_opr	BOBJ1	1.9167	Before	Right Exterior Girder	1.9167	0.95	1	1	6.850262
HS20_serv_opr	BOBJ1	1.9167	After	Left Exterior Girder	1.9167	0.95	1	1	6.863637
HS20_serv_opr	BOBJ1	1.9167	After	Interior Girder 1	1.9167	0.95	1	1	3.827525
HS20_serv_opr	BOBJ1	1.9167	After	Interior Girder 2	1.9167	0.95	1	1	4.116245
HS20_serv_opr	BOBJ1	1.9167	After	Interior Girder 3	1.9167	0.95	1	1	4.092852
HS20_serv_opr	BOBJ1	1.9167	After	Interior Girder 4	1.9167	0.95	1	1	4.107598
HS20_serv_opr	BOBJ1	1.9167	After	Interior Girder 5	1.9167	0.95	1	1	3.859346
HS20_serv_opr	BOBJ1	1.9167	After	Right Exterior Girder	1.9167	0.95	1	1	6.863637
HS20_serv_opr	BOBJ1	3.8333	Before	Left Exterior Girder	3.8333	0.95	1	1	3.827008
HS20_serv_opr	BOBJ1	3.8333	Before	Interior Girder 1	3.8333	0.95	1	1	2.080034
HS20_serv_opr	BOBJ1	3.8333	Before	Interior Girder 2	3.8333	0.95	1	1	2.232972
HS20_serv_opr	BOBJ1	3.8333	Before	Interior Girder 3	3.8333	0.95	1	1	2.215607
HS20_serv_opr	BOBJ1	3.8333	Before	Interior Girder 4	3.8333	0.95	1	1	2.227062
HS20_serv_opr	BOBJ1	3.8333	Before	Interior Girder 5	3.8333	0.95	1	1	2.096264
HS20_serv_opr	BOBJ1	3.8333	Before	Right Exterior Girder	3.8333	0.95	1	1	3.827007
HS20_serv_opr	BOBJ1	3.8333	After	Left Exterior Girder	3.8333	0.95	1	1	3.827925
HS20_serv_opr	BOBJ1	3.8333	After	Interior Girder 1	3.8333	0.95	1	1	2.117033
HS20_serv_opr	BOBJ1	3.8333	After	Interior Girder 2	3.8333	0.95	1	1	2.252598
HS20_serv_opr	BOBJ1	3.8333	After	Interior Girder 3	3.8333	0.95	1	1	2.236363
HS20_serv_opr	BOBJ1	3.8333	After	Interior Girder 4	3.8333	0.95	1	1	2.246771
HS20_serv_opr	BOBJ1	3.8333	After	Interior Girder 5	3.8333	0.95	1	1	2.132791
HS20_serv_opr	BOBJ1	3.8333	After	Right Exterior Girder	3.8333	0.95	1	1	3.827925
HS20_serv_opr	BOBJ1	5.75	Before	Left Exterior Girder	5.75	0.95	1	1	2.942502
HS20_serv_opr	BOBJ1	5.75	Before	Interior Girder 1	5.75	0.95	1	1	1.596534
HS20_serv_opr	BOBJ1	5.75	Before	Interior Girder 2	5.75	0.95	1	1	1.695478
HS20_serv_opr	BOBJ1	5.75	Before	Interior Girder 3	5.75	0.95	1	1	1.68112
HS20_serv_opr	BOBJ1	5.75	Before	Interior Girder 4	5.75	0.95	1	1	1.690525
HS20_serv_opr	BOBJ1	5.75	Before	Interior Girder 5	5.75	0.95	1	1	1.607859
HS20_serv_opr	BOBJ1	5.75	Before	Right Exterior Girder	5.75	0.95	1	1	2.942502
HS20_serv_opr	BOBJ1	5.75	After	Left Exterior Girder	5.75	0.95	1	1	2.943901
HS20_serv_opr	BOBJ1	5.75	After	Interior Girder 1	5.75	0.95	1	1	1.61333
HS20_serv_opr	BOBJ1	5.75	After	Interior Girder 2	5.75	0.95	1	1	1.704721
HS20_serv_opr	BOBJ1	5.75	After	Interior Girder 3	5.75	0.95	1	1	1.691032
HS20_serv_opr	BOBJ1	5.75	After	Interior Girder 4	5.75	0.95	1	1	1.699819
HS20_serv_opr	BOBJ1	5.75	After	Interior Girder 5	5.75	0.95	1	1	1.624445
HS20_serv_opr	BOBJ1	5.75	After	Right Exterior Girder	5.75	0.95	1	1	2.943901
HS20_serv_opr	BOBJ1	7.6667	Before	Left Exterior Girder	7.6667	0.95	1	1	2.658929
HS20_serv_opr	BOBJ1	7.6667	Before	Interior Girder 1	7.6667	0.95	1	1	1.431849
HS20_serv_opr	BOBJ1	7.6667	Before	Interior Girder 2	7.6667	0.95	1	1	1.512941
HS20_serv_opr	BOBJ1	7.6667	Before	Interior Girder 3	7.6667	0.95	1	1	1.499489
HS20_serv_opr	BOBJ1	7.6667	Before	Interior Girder 4	7.6667	0.95	1	1	1.508198
HS20_serv_opr	BOBJ1	7.6667	Before	Interior Girder 5	7.6667	0.95	1	1	1.441388
HS20_serv_opr	BOBJ1	7.6667	Before	Right Exterior Girder	7.6667	0.95	1	1	2.658929
HS20_serv_opr	BOBJ1	7.6667	After	Left Exterior Girder	7.6667	0.95	1	1	2.660151
HS20_serv_opr	BOBJ1	7.6667	After	Interior Girder 1	7.6667	0.95	1	1	1.440162
HS20_serv_opr	BOBJ1	7.6667	After	Interior Girder 2	7.6667	0.95	1	1	1.517598
HS20_serv_opr	BOBJ1	7.6667	After	Interior Girder 3	7.6667	0.95	1	1	1.504511
HS20_serv_opr	BOBJ1	7.6667	After	Interior Girder 4	7.6667	0.95	1	1	1.512882
HS20_serv_opr	BOBJ1	7.6667	After	Interior Girder 5	7.6667	0.95	1	1	1.449617
HS20_serv_opr	BOBJ1	7.6667	After	Right Exterior Girder	7.6667	0.95	1	1	2.660151
HS20_serv_opr	BOBJ1	9.5833	Before	Left Exterior Girder	9.5833	0.95	1	1	2.606586
HS20_serv_opr	BOBJ1	9.5833	Before	Interior Girder 1	9.5833	0.95	1	1	1.40603
HS20_serv_opr	BOBJ1	9.5833	Before	Interior Girder 2	9.5833	0.95	1	1	1.481004
HS20_serv_opr	BOBJ1	9.5833	Before	Interior Girder 3	9.5833	0.95	1	1	1.46861
HS20_serv_opr	BOBJ1	9.5833	Before	Interior Girder 4	9.5833	0.95	1	1	1.476696
HS20_serv_opr	BOBJ1	9.5833	Before	Interior Girder 5	9.5833	0.95	1	1	1.415461
HS20_serv_opr	BOBJ1	9.5833	Before	Right Exterior Girder	9.5833	0.95	1	1	2.606586
HS20_serv_opr	BOBJ1	9.5833	After	Left Exterior Girder	9.5833	0.95	1	1	2.607385
HS20_serv_opr	BOBJ1	9.5833	After	Interior Girder 1	9.5833	0.95	1	1	1.409133

TABLE: Bridge Super Rating AASHTORATE18 26 - SteelINonCompServ-Flx - Main Span Stringers									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
HS20_serv_opr	BOBJ1	9.5833	After	Interior Girder 2	9.5833	0.95	1	1	1.482845
HS20_serv_opr	BOBJ1	9.5833	After	Interior Girder 3	9.5833	0.95	1	1	1.470604
HS20_serv_opr	BOBJ1	9.5833	After	Interior Girder 4	9.5833	0.95	1	1	1.478546
HS20_serv_opr	BOBJ1	9.5833	After	Interior Girder 5	9.5833	0.95	1	1	1.418541
HS20_serv_opr	BOBJ1	9.5833	After	Right Exterior Girder	9.5833	0.95	1	1	2.607385
HS20_serv_opr	BOBJ1	11.5	Before	Left Exterior Girder	11.5	0.95	1	1	2.52384
HS20_serv_opr	BOBJ1	11.5	Before	Interior Girder 1	11.5	0.95	1	1	1.363935
HS20_serv_opr	BOBJ1	11.5	Before	Interior Girder 2	11.5	0.95	1	1	1.432556
HS20_serv_opr	BOBJ1	11.5	Before	Interior Girder 3	11.5	0.95	1	1	1.4206
HS20_serv_opr	BOBJ1	11.5	Before	Interior Girder 4	11.5	0.95	1	1	1.428355
HS20_serv_opr	BOBJ1	11.5	Before	Interior Girder 5	11.5	0.95	1	1	1.372869
HS20_serv_opr	BOBJ1	11.5	Before	Right Exterior Girder	11.5	0.95	1	1	2.52384
HS20_serv_opr	BOBJ1	11.5	After	Left Exterior Girder	11.5	0.95	1	1	2.523854
HS20_serv_opr	BOBJ1	11.5	After	Interior Girder 1	11.5	0.95	1	1	1.363922
HS20_serv_opr	BOBJ1	11.5	After	Interior Girder 2	11.5	0.95	1	1	1.432562
HS20_serv_opr	BOBJ1	11.5	After	Interior Girder 3	11.5	0.95	1	1	1.420598
HS20_serv_opr	BOBJ1	11.5	After	Interior Girder 4	11.5	0.95	1	1	1.428361
HS20_serv_opr	BOBJ1	11.5	After	Interior Girder 5	11.5	0.95	1	1	1.372856
HS20_serv_opr	BOBJ1	11.5	After	Right Exterior Girder	11.5	0.95	1	1	2.523854
HS20_serv_opr	BOBJ1	13.4167	Before	Left Exterior Girder	13.4167	0.95	1	1	2.607706
HS20_serv_opr	BOBJ1	13.4167	Before	Interior Girder 1	13.4167	0.95	1	1	1.409608
HS20_serv_opr	BOBJ1	13.4167	Before	Interior Girder 2	13.4167	0.95	1	1	1.4832
HS20_serv_opr	BOBJ1	13.4167	Before	Interior Girder 3	13.4167	0.95	1	1	1.470945
HS20_serv_opr	BOBJ1	13.4167	Before	Interior Girder 4	13.4167	0.95	1	1	1.478899
HS20_serv_opr	BOBJ1	13.4167	Before	Interior Girder 5	13.4167	0.95	1	1	1.419018
HS20_serv_opr	BOBJ1	13.4167	Before	Right Exterior Girder	13.4167	0.95	1	1	2.607706
HS20_serv_opr	BOBJ1	13.4167	After	Left Exterior Girder	13.4167	0.95	1	1	2.606934
HS20_serv_opr	BOBJ1	13.4167	After	Interior Girder 1	13.4167	0.95	1	1	1.406478
HS20_serv_opr	BOBJ1	13.4167	After	Interior Girder 2	13.4167	0.95	1	1	1.481371
HS20_serv_opr	BOBJ1	13.4167	After	Interior Girder 3	13.4167	0.95	1	1	1.468947
HS20_serv_opr	BOBJ1	13.4167	After	Interior Girder 4	13.4167	0.95	1	1	1.477063
HS20_serv_opr	BOBJ1	13.4167	After	Interior Girder 5	13.4167	0.95	1	1	1.415911
HS20_serv_opr	BOBJ1	13.4167	After	Right Exterior Girder	13.4167	0.95	1	1	2.606934
HS20_serv_opr	BOBJ1	15.3333	Before	Left Exterior Girder	15.3333	0.95	1	1	2.660801
HS20_serv_opr	BOBJ1	15.3333	Before	Interior Girder 1	15.3333	0.95	1	1	1.441108
HS20_serv_opr	BOBJ1	15.3333	Before	Interior Girder 2	15.3333	0.95	1	1	1.518313
HS20_serv_opr	BOBJ1	15.3333	Before	Interior Girder 3	15.3333	0.95	1	1	1.505193
HS20_serv_opr	BOBJ1	15.3333	Before	Interior Girder 4	15.3333	0.95	1	1	1.513594
HS20_serv_opr	BOBJ1	15.3333	Before	Interior Girder 5	15.3333	0.95	1	1	1.450569
HS20_serv_opr	BOBJ1	15.3333	Before	Right Exterior Girder	15.3333	0.95	1	1	2.660801
HS20_serv_opr	BOBJ1	15.3333	After	Left Exterior Girder	15.3333	0.95	1	1	2.659601
HS20_serv_opr	BOBJ1	15.3333	After	Interior Girder 1	15.3333	0.95	1	1	1.432768
HS20_serv_opr	BOBJ1	15.3333	After	Interior Girder 2	15.3333	0.95	1	1	1.513665
HS20_serv_opr	BOBJ1	15.3333	After	Interior Girder 3	15.3333	0.95	1	1	1.500167
HS20_serv_opr	BOBJ1	15.3333	After	Interior Girder 4	15.3333	0.95	1	1	1.50892
HS20_serv_opr	BOBJ1	15.3333	After	Interior Girder 5	15.3333	0.95	1	1	1.442312
HS20_serv_opr	BOBJ1	15.3333	After	Right Exterior Girder	15.3333	0.95	1	1	2.659601
HS20_serv_opr	BOBJ1	17.25	Before	Left Exterior Girder	17.25	0.95	1	1	2.944935
HS20_serv_opr	BOBJ1	17.25	Before	Interior Girder 1	17.25	0.95	1	1	1.614887
HS20_serv_opr	BOBJ1	17.25	Before	Interior Girder 2	17.25	0.95	1	1	1.705881
HS20_serv_opr	BOBJ1	17.25	Before	Interior Girder 3	17.25	0.95	1	1	1.692145
HS20_serv_opr	BOBJ1	17.25	Before	Interior Girder 4	17.25	0.95	1	1	1.700975
HS20_serv_opr	BOBJ1	17.25	Before	Interior Girder 5	17.25	0.95	1	1	1.626013
HS20_serv_opr	BOBJ1	17.25	Before	Right Exterior Girder	17.25	0.95	1	1	2.944935
HS20_serv_opr	BOBJ1	17.25	After	Left Exterior Girder	17.25	0.95	1	1	2.94355
HS20_serv_opr	BOBJ1	17.25	After	Interior Girder 1	17.25	0.95	1	1	1.598059
HS20_serv_opr	BOBJ1	17.25	After	Interior Girder 2	17.25	0.95	1	1	1.696639
HS20_serv_opr	BOBJ1	17.25	After	Interior Girder 3	17.25	0.95	1	1	1.682228
HS20_serv_opr	BOBJ1	17.25	After	Interior Girder 4	17.25	0.95	1	1	1.691682
HS20_serv_opr	BOBJ1	17.25	After	Interior Girder 5	17.25	0.95	1	1	1.609395
HS20_serv_opr	BOBJ1	17.25	After	Right Exterior Girder	17.25	0.95	1	1	2.943549
HS20_serv_opr	BOBJ1	19.1667	Before	Left Exterior Girder	19.1667	0.95	1	1	3.829571
HS20_serv_opr	BOBJ1	19.1667	Before	Interior Girder 1	19.1667	0.95	1	1	2.119726
HS20_serv_opr	BOBJ1	19.1667	Before	Interior Girder 2	19.1667	0.95	1	1	2.254524
HS20_serv_opr	BOBJ1	19.1667	Before	Interior Girder 3	19.1667	0.95	1	1	2.238237
HS20_serv_opr	BOBJ1	19.1667	Before	Interior Girder 4	19.1667	0.95	1	1	2.248692
HS20_serv_opr	BOBJ1	19.1667	Before	Interior Girder 5	19.1667	0.95	1	1	2.135504
HS20_serv_opr	BOBJ1	19.1667	Before	Right Exterior Girder	19.1667	0.95	1	1	3.829571

TABLE: Bridge Super Rating AASHTORATE18 26 - SteelINonCompServ-Flx - Main Span Stringers									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
HS20_serv_opr	BOBJ1	19.1667	After	Left Exterior Girder	19.1667	0.95	1	1	3.828649
HS20_serv_opr	BOBJ1	19.1667	After	Interior Girder 1	19.1667	0.95	1	1	2.08268
HS20_serv_opr	BOBJ1	19.1667	After	Interior Girder 2	19.1667	0.95	1	1	2.234881
HS20_serv_opr	BOBJ1	19.1667	After	Interior Girder 3	19.1667	0.95	1	1	2.217469
HS20_serv_opr	BOBJ1	19.1667	After	Interior Girder 4	19.1667	0.95	1	1	2.228966
HS20_serv_opr	BOBJ1	19.1667	After	Interior Girder 5	19.1667	0.95	1	1	2.09893
HS20_serv_opr	BOBJ1	19.1667	After	Right Exterior Girder	19.1667	0.95	1	1	3.828649
HS20_serv_opr	BOBJ1	21.0833	Before	Left Exterior Girder	21.0833	0.95	1	1	6.867118
HS20_serv_opr	BOBJ1	21.0833	Before	Interior Girder 1	21.0833	0.95	1	1	3.833318
HS20_serv_opr	BOBJ1	21.0833	Before	Interior Girder 2	21.0833	0.95	1	1	4.120403
HS20_serv_opr	BOBJ1	21.0833	Before	Interior Girder 3	21.0833	0.95	1	1	4.096973
HS20_serv_opr	BOBJ1	21.0833	Before	Interior Girder 4	21.0833	0.95	1	1	4.111748
HS20_serv_opr	BOBJ1	21.0833	Before	Interior Girder 5	21.0833	0.95	1	1	3.865186
HS20_serv_opr	BOBJ1	21.0833	Before	Right Exterior Girder	21.0833	0.95	1	1	6.867118
HS20_serv_opr	BOBJ1	21.0833	After	Left Exterior Girder	21.0833	0.95	1	1	6.853757
HS20_serv_opr	BOBJ1	21.0833	After	Interior Girder 1	21.0833	0.95	1	1	3.701979
HS20_serv_opr	BOBJ1	21.0833	After	Interior Girder 2	21.0833	0.95	1	1	4.028829
HS20_serv_opr	BOBJ1	21.0833	After	Interior Girder 3	21.0833	0.95	1	1	4.013667
HS20_serv_opr	BOBJ1	21.0833	After	Interior Girder 4	21.0833	0.95	1	1	4.01986
HS20_serv_opr	BOBJ1	21.0833	After	Interior Girder 5	21.0833	0.95	1	1	3.735013
HS20_serv_opr	BOBJ1	21.0833	After	Right Exterior Girder	21.0833	0.95	1	1	6.853756
HS20_serv_opr	BOBJ1	23	Before	Left Exterior Girder	23	0.95	1	1	186.583951
HS20_serv_opr	BOBJ1	23	Before	Interior Girder 1	23	0.95	1	1	117.755357
HS20_serv_opr	BOBJ1	23	Before	Interior Girder 2	23	0.95	1	1	135.343509
HS20_serv_opr	BOBJ1	23	Before	Interior Girder 3	23	0.95	1	1	145.894218
HS20_serv_opr	BOBJ1	23	Before	Interior Girder 4	23	0.95	1	1	133.889233
HS20_serv_opr	BOBJ1	23	Before	Interior Girder 5	23	0.95	1	1	117.755353
HS20_serv_opr	BOBJ1	23	Before	Right Exterior Girder	23	0.95	1	1	188.274285
HS20_serv_inv	BOBJ1	0	After	Left Exterior Girder	0	0.95	1	1	143.475134
HS20_serv_inv	BOBJ1	0	After	Interior Girder 1	0	0.95	1	1	90.770557
HS20_serv_inv	BOBJ1	0	After	Interior Girder 2	0	0.95	1	1	104.218223
HS20_serv_inv	BOBJ1	0	After	Interior Girder 3	0	0.95	1	1	112.343389
HS20_serv_inv	BOBJ1	0	After	Interior Girder 4	0	0.95	1	1	103.09839
HS20_serv_inv	BOBJ1	0	After	Interior Girder 5	0	0.95	1	1	90.77057
HS20_serv_inv	BOBJ1	0	After	Right Exterior Girder	0	0.95	1	1	144.774947
HS20_serv_inv	BOBJ1	1.9167	Before	Left Exterior Girder	1.9167	0.95	1	1	5.269432
HS20_serv_inv	BOBJ1	1.9167	Before	Interior Girder 1	1.9167	0.95	1	1	2.84337
HS20_serv_inv	BOBJ1	1.9167	Before	Interior Girder 2	1.9167	0.95	1	1	3.095987
HS20_serv_inv	BOBJ1	1.9167	Before	Interior Girder 3	1.9167	0.95	1	1	3.08432
HS20_serv_inv	BOBJ1	1.9167	Before	Interior Girder 4	1.9167	0.95	1	1	3.089095
HS20_serv_inv	BOBJ1	1.9167	Before	Interior Girder 5	1.9167	0.95	1	1	2.868743
HS20_serv_inv	BOBJ1	1.9167	Before	Right Exterior Girder	1.9167	0.95	1	1	5.269432
HS20_serv_inv	BOBJ1	1.9167	After	Left Exterior Girder	1.9167	0.95	1	1	5.279721
HS20_serv_inv	BOBJ1	1.9167	After	Interior Girder 1	1.9167	0.95	1	1	2.94425
HS20_serv_inv	BOBJ1	1.9167	After	Interior Girder 2	1.9167	0.95	1	1	3.166342
HS20_serv_inv	BOBJ1	1.9167	After	Interior Girder 3	1.9167	0.95	1	1	3.148348
HS20_serv_inv	BOBJ1	1.9167	After	Interior Girder 4	1.9167	0.95	1	1	3.159691
HS20_serv_inv	BOBJ1	1.9167	After	Interior Girder 5	1.9167	0.95	1	1	2.968727
HS20_serv_inv	BOBJ1	1.9167	After	Right Exterior Girder	1.9167	0.95	1	1	5.279721
HS20_serv_inv	BOBJ1	3.8333	Before	Left Exterior Girder	3.8333	0.95	1	1	2.943852
HS20_serv_inv	BOBJ1	3.8333	Before	Interior Girder 1	3.8333	0.95	1	1	1.600026
HS20_serv_inv	BOBJ1	3.8333	Before	Interior Girder 2	3.8333	0.95	1	1	1.717671
HS20_serv_inv	BOBJ1	3.8333	Before	Interior Girder 3	3.8333	0.95	1	1	1.704313
HS20_serv_inv	BOBJ1	3.8333	Before	Interior Girder 4	3.8333	0.95	1	1	1.713125
HS20_serv_inv	BOBJ1	3.8333	Before	Interior Girder 5	3.8333	0.95	1	1	1.61251
HS20_serv_inv	BOBJ1	3.8333	Before	Right Exterior Girder	3.8333	0.95	1	1	2.943852
HS20_serv_inv	BOBJ1	3.8333	After	Left Exterior Girder	3.8333	0.95	1	1	2.944558
HS20_serv_inv	BOBJ1	3.8333	After	Interior Girder 1	3.8333	0.95	1	1	1.628487
HS20_serv_inv	BOBJ1	3.8333	After	Interior Girder 2	3.8333	0.95	1	1	1.732768
HS20_serv_inv	BOBJ1	3.8333	After	Interior Girder 3	3.8333	0.95	1	1	1.720279
HS20_serv_inv	BOBJ1	3.8333	After	Interior Girder 4	3.8333	0.95	1	1	1.728285
HS20_serv_inv	BOBJ1	3.8333	After	Interior Girder 5	3.8333	0.95	1	1	1.640608
HS20_serv_inv	BOBJ1	3.8333	After	Right Exterior Girder	3.8333	0.95	1	1	2.944558
HS20_serv_inv	BOBJ1	5.75	Before	Left Exterior Girder	5.75	0.95	1	1	2.263463
HS20_serv_inv	BOBJ1	5.75	Before	Interior Girder 1	5.75	0.95	1	1	1.228103
HS20_serv_inv	BOBJ1	5.75	Before	Interior Girder 2	5.75	0.95	1	1	1.304214
HS20_serv_inv	BOBJ1	5.75	Before	Interior Girder 3	5.75	0.95	1	1	1.293169
HS20_serv_inv	BOBJ1	5.75	Before	Interior Girder 4	5.75	0.95	1	1	1.300404

TABLE: Bridge Super Rating AASHTORATE18 26 - SteelINonCompServ-Flx - Main Span Stringers									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
HS20_serv_inv	BOBJ1	5.75	Before	Interior Girder 5	5.75	0.95	1	1	1.236814
HS20_serv_inv	BOBJ1	5.75	Before	Right Exterior Girder	5.75	0.95	1	1	2.263463
HS20_serv_inv	BOBJ1	5.75	After	Left Exterior Girder	5.75	0.95	1	1	2.264539
HS20_serv_inv	BOBJ1	5.75	After	Interior Girder 1	5.75	0.95	1	1	1.241023
HS20_serv_inv	BOBJ1	5.75	After	Interior Girder 2	5.75	0.95	1	1	1.311324
HS20_serv_inv	BOBJ1	5.75	After	Interior Girder 3	5.75	0.95	1	1	1.300794
HS20_serv_inv	BOBJ1	5.75	After	Interior Girder 4	5.75	0.95	1	1	1.307553
HS20_serv_inv	BOBJ1	5.75	After	Interior Girder 5	5.75	0.95	1	1	1.249573
HS20_serv_inv	BOBJ1	5.75	After	Right Exterior Girder	5.75	0.95	1	1	2.264539
HS20_serv_inv	BOBJ1	7.6667	Before	Left Exterior Girder	7.6667	0.95	1	1	2.04533
HS20_serv_inv	BOBJ1	7.6667	Before	Interior Girder 1	7.6667	0.95	1	1	1.101423
HS20_serv_inv	BOBJ1	7.6667	Before	Interior Girder 2	7.6667	0.95	1	1	1.163801
HS20_serv_inv	BOBJ1	7.6667	Before	Interior Girder 3	7.6667	0.95	1	1	1.153453
HS20_serv_inv	BOBJ1	7.6667	Before	Interior Girder 4	7.6667	0.95	1	1	1.160152
HS20_serv_inv	BOBJ1	7.6667	Before	Interior Girder 5	7.6667	0.95	1	1	1.10876
HS20_serv_inv	BOBJ1	7.6667	Before	Right Exterior Girder	7.6667	0.95	1	1	2.04533
HS20_serv_inv	BOBJ1	7.6667	After	Left Exterior Girder	7.6667	0.95	1	1	2.04627
HS20_serv_inv	BOBJ1	7.6667	After	Interior Girder 1	7.6667	0.95	1	1	1.107817
HS20_serv_inv	BOBJ1	7.6667	After	Interior Girder 2	7.6667	0.95	1	1	1.167383
HS20_serv_inv	BOBJ1	7.6667	After	Interior Girder 3	7.6667	0.95	1	1	1.157316
HS20_serv_inv	BOBJ1	7.6667	After	Interior Girder 4	7.6667	0.95	1	1	1.163755
HS20_serv_inv	BOBJ1	7.6667	After	Interior Girder 5	7.6667	0.95	1	1	1.11509
HS20_serv_inv	BOBJ1	7.6667	After	Right Exterior Girder	7.6667	0.95	1	1	2.04627
HS20_serv_inv	BOBJ1	9.5833	Before	Left Exterior Girder	9.5833	0.95	1	1	2.005066
HS20_serv_inv	BOBJ1	9.5833	Before	Interior Girder 1	9.5833	0.95	1	1	1.081562
HS20_serv_inv	BOBJ1	9.5833	Before	Interior Girder 2	9.5833	0.95	1	1	1.139234
HS20_serv_inv	BOBJ1	9.5833	Before	Interior Girder 3	9.5833	0.95	1	1	1.1297
HS20_serv_inv	BOBJ1	9.5833	Before	Interior Girder 4	9.5833	0.95	1	1	1.13592
HS20_serv_inv	BOBJ1	9.5833	Before	Interior Girder 5	9.5833	0.95	1	1	1.088816
HS20_serv_inv	BOBJ1	9.5833	Before	Right Exterior Girder	9.5833	0.95	1	1	2.005066
HS20_serv_inv	BOBJ1	9.5833	After	Left Exterior Girder	9.5833	0.95	1	1	2.005681
HS20_serv_inv	BOBJ1	9.5833	After	Interior Girder 1	9.5833	0.95	1	1	1.083949
HS20_serv_inv	BOBJ1	9.5833	After	Interior Girder 2	9.5833	0.95	1	1	1.14065
HS20_serv_inv	BOBJ1	9.5833	After	Interior Girder 3	9.5833	0.95	1	1	1.131234
HS20_serv_inv	BOBJ1	9.5833	After	Interior Girder 4	9.5833	0.95	1	1	1.137343
HS20_serv_inv	BOBJ1	9.5833	After	Interior Girder 5	9.5833	0.95	1	1	1.091185
HS20_serv_inv	BOBJ1	9.5833	After	Right Exterior Girder	9.5833	0.95	1	1	2.005681
HS20_serv_inv	BOBJ1	11.5	Before	Left Exterior Girder	11.5	0.95	1	1	1.941415
HS20_serv_inv	BOBJ1	11.5	Before	Interior Girder 1	11.5	0.95	1	1	1.049181
HS20_serv_inv	BOBJ1	11.5	Before	Interior Girder 2	11.5	0.95	1	1	1.101966
HS20_serv_inv	BOBJ1	11.5	Before	Interior Girder 3	11.5	0.95	1	1	1.092769
HS20_serv_inv	BOBJ1	11.5	Before	Interior Girder 4	11.5	0.95	1	1	1.098734
HS20_serv_inv	BOBJ1	11.5	Before	Interior Girder 5	11.5	0.95	1	1	1.056053
HS20_serv_inv	BOBJ1	11.5	Before	Right Exterior Girder	11.5	0.95	1	1	1.941415
HS20_serv_inv	BOBJ1	11.5	After	Left Exterior Girder	11.5	0.95	1	1	1.941426
HS20_serv_inv	BOBJ1	11.5	After	Interior Girder 1	11.5	0.95	1	1	1.049171
HS20_serv_inv	BOBJ1	11.5	After	Interior Girder 2	11.5	0.95	1	1	1.101971
HS20_serv_inv	BOBJ1	11.5	After	Interior Girder 3	11.5	0.95	1	1	1.092767
HS20_serv_inv	BOBJ1	11.5	After	Interior Girder 4	11.5	0.95	1	1	1.098739
HS20_serv_inv	BOBJ1	11.5	After	Interior Girder 5	11.5	0.95	1	1	1.056043
HS20_serv_inv	BOBJ1	11.5	After	Right Exterior Girder	11.5	0.95	1	1	1.941426
HS20_serv_inv	BOBJ1	13.4167	Before	Left Exterior Girder	13.4167	0.95	1	1	2.005927
HS20_serv_inv	BOBJ1	13.4167	Before	Interior Girder 1	13.4167	0.95	1	1	1.084314
HS20_serv_inv	BOBJ1	13.4167	Before	Interior Girder 2	13.4167	0.95	1	1	1.140923
HS20_serv_inv	BOBJ1	13.4167	Before	Interior Girder 3	13.4167	0.95	1	1	1.131496
HS20_serv_inv	BOBJ1	13.4167	Before	Interior Girder 4	13.4167	0.95	1	1	1.137615
HS20_serv_inv	BOBJ1	13.4167	Before	Interior Girder 5	13.4167	0.95	1	1	1.091552
HS20_serv_inv	BOBJ1	13.4167	Before	Right Exterior Girder	13.4167	0.95	1	1	2.005927
HS20_serv_inv	BOBJ1	13.4167	After	Left Exterior Girder	13.4167	0.95	1	1	2.005334
HS20_serv_inv	BOBJ1	13.4167	After	Interior Girder 1	13.4167	0.95	1	1	1.081906
HS20_serv_inv	BOBJ1	13.4167	After	Interior Girder 2	13.4167	0.95	1	1	1.139516
HS20_serv_inv	BOBJ1	13.4167	After	Interior Girder 3	13.4167	0.95	1	1	1.129959
HS20_serv_inv	BOBJ1	13.4167	After	Interior Girder 4	13.4167	0.95	1	1	1.136202
HS20_serv_inv	BOBJ1	13.4167	After	Interior Girder 5	13.4167	0.95	1	1	1.089163
HS20_serv_inv	BOBJ1	13.4167	After	Right Exterior Girder	13.4167	0.95	1	1	2.005334
HS20_serv_inv	BOBJ1	15.3333	Before	Left Exterior Girder	15.3333	0.95	1	1	2.04677
HS20_serv_inv	BOBJ1	15.3333	Before	Interior Girder 1	15.3333	0.95	1	1	1.108545
HS20_serv_inv	BOBJ1	15.3333	Before	Interior Girder 2	15.3333	0.95	1	1	1.167933

TABLE: Bridge Super Rating AASHTORATE18 26 - SteelINonCompServ-Flx - Main Span Stringers									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
HS20_serv_inv	BOBJ1	15.3333	Before	Interior Girder 3	15.3333	0.95	1	1	1.157841
HS20_serv_inv	BOBJ1	15.3333	Before	Interior Girder 4	15.3333	0.95	1	1	1.164303
HS20_serv_inv	BOBJ1	15.3333	Before	Interior Girder 5	15.3333	0.95	1	1	1.115823
HS20_serv_inv	BOBJ1	15.3333	Before	Right Exterior Girder	15.3333	0.95	1	1	2.04677
HS20_serv_inv	BOBJ1	15.3333	After	Left Exterior Girder	15.3333	0.95	1	1	2.045847
HS20_serv_inv	BOBJ1	15.3333	After	Interior Girder 1	15.3333	0.95	1	1	1.102129
HS20_serv_inv	BOBJ1	15.3333	After	Interior Girder 2	15.3333	0.95	1	1	1.164358
HS20_serv_inv	BOBJ1	15.3333	After	Interior Girder 3	15.3333	0.95	1	1	1.153974
HS20_serv_inv	BOBJ1	15.3333	After	Interior Girder 4	15.3333	0.95	1	1	1.160707
HS20_serv_inv	BOBJ1	15.3333	After	Interior Girder 5	15.3333	0.95	1	1	1.109471
HS20_serv_inv	BOBJ1	15.3333	After	Right Exterior Girder	15.3333	0.95	1	1	2.045847
HS20_serv_inv	BOBJ1	17.25	Before	Left Exterior Girder	17.25	0.95	1	1	2.265335
HS20_serv_inv	BOBJ1	17.25	Before	Interior Girder 1	17.25	0.95	1	1	1.242221
HS20_serv_inv	BOBJ1	17.25	Before	Interior Girder 2	17.25	0.95	1	1	1.312216
HS20_serv_inv	BOBJ1	17.25	Before	Interior Girder 3	17.25	0.95	1	1	1.30165
HS20_serv_inv	BOBJ1	17.25	Before	Interior Girder 4	17.25	0.95	1	1	1.308443
HS20_serv_inv	BOBJ1	17.25	Before	Interior Girder 5	17.25	0.95	1	1	1.250779
HS20_serv_inv	BOBJ1	17.25	Before	Right Exterior Girder	17.25	0.95	1	1	2.265335
HS20_serv_inv	BOBJ1	17.25	After	Left Exterior Girder	17.25	0.95	1	1	2.264269
HS20_serv_inv	BOBJ1	17.25	After	Interior Girder 1	17.25	0.95	1	1	1.229277
HS20_serv_inv	BOBJ1	17.25	After	Interior Girder 2	17.25	0.95	1	1	1.305107
HS20_serv_inv	BOBJ1	17.25	After	Interior Girder 3	17.25	0.95	1	1	1.294022
HS20_serv_inv	BOBJ1	17.25	After	Interior Girder 4	17.25	0.95	1	1	1.301294
HS20_serv_inv	BOBJ1	17.25	After	Interior Girder 5	17.25	0.95	1	1	1.237996
HS20_serv_inv	BOBJ1	17.25	After	Right Exterior Girder	17.25	0.95	1	1	2.264269
HS20_serv_inv	BOBJ1	19.1667	Before	Left Exterior Girder	19.1667	0.95	1	1	2.945824
HS20_serv_inv	BOBJ1	19.1667	Before	Interior Girder 1	19.1667	0.95	1	1	1.630559
HS20_serv_inv	BOBJ1	19.1667	Before	Interior Girder 2	19.1667	0.95	1	1	1.734249
HS20_serv_inv	BOBJ1	19.1667	Before	Interior Girder 3	19.1667	0.95	1	1	1.721721
HS20_serv_inv	BOBJ1	19.1667	Before	Interior Girder 4	19.1667	0.95	1	1	1.729763
HS20_serv_inv	BOBJ1	19.1667	Before	Interior Girder 5	19.1667	0.95	1	1	1.642695
HS20_serv_inv	BOBJ1	19.1667	Before	Right Exterior Girder	19.1667	0.95	1	1	2.945824
HS20_serv_inv	BOBJ1	19.1667	After	Left Exterior Girder	19.1667	0.95	1	1	2.945115
HS20_serv_inv	BOBJ1	19.1667	After	Interior Girder 1	19.1667	0.95	1	1	1.602062
HS20_serv_inv	BOBJ1	19.1667	After	Interior Girder 2	19.1667	0.95	1	1	1.719139
HS20_serv_inv	BOBJ1	19.1667	After	Interior Girder 3	19.1667	0.95	1	1	1.705745
HS20_serv_inv	BOBJ1	19.1667	After	Interior Girder 4	19.1667	0.95	1	1	1.714589
HS20_serv_inv	BOBJ1	19.1667	After	Interior Girder 5	19.1667	0.95	1	1	1.614562
HS20_serv_inv	BOBJ1	19.1667	After	Right Exterior Girder	19.1667	0.95	1	1	2.945115
HS20_serv_inv	BOBJ1	21.0833	Before	Left Exterior Girder	21.0833	0.95	1	1	5.282399
HS20_serv_inv	BOBJ1	21.0833	Before	Interior Girder 1	21.0833	0.95	1	1	2.948706
HS20_serv_inv	BOBJ1	21.0833	Before	Interior Girder 2	21.0833	0.95	1	1	3.169541
HS20_serv_inv	BOBJ1	21.0833	Before	Interior Girder 3	21.0833	0.95	1	1	3.151517
HS20_serv_inv	BOBJ1	21.0833	Before	Interior Girder 4	21.0833	0.95	1	1	3.162883
HS20_serv_inv	BOBJ1	21.0833	Before	Interior Girder 5	21.0833	0.95	1	1	2.97322
HS20_serv_inv	BOBJ1	21.0833	Before	Right Exterior Girder	21.0833	0.95	1	1	5.282399
HS20_serv_inv	BOBJ1	21.0833	After	Left Exterior Girder	21.0833	0.95	1	1	5.27212
HS20_serv_inv	BOBJ1	21.0833	After	Interior Girder 1	21.0833	0.95	1	1	2.847676
HS20_serv_inv	BOBJ1	21.0833	After	Interior Girder 2	21.0833	0.95	1	1	3.099099
HS20_serv_inv	BOBJ1	21.0833	After	Interior Girder 3	21.0833	0.95	1	1	3.087436
HS20_serv_inv	BOBJ1	21.0833	After	Interior Girder 4	21.0833	0.95	1	1	3.0922
HS20_serv_inv	BOBJ1	21.0833	After	Interior Girder 5	21.0833	0.95	1	1	2.873087
HS20_serv_inv	BOBJ1	21.0833	After	Right Exterior Girder	21.0833	0.95	1	1	5.27212
HS20_serv_inv	BOBJ1	23	Before	Left Exterior Girder	23	0.95	1	1	143.526116
HS20_serv_inv	BOBJ1	23	Before	Interior Girder 1	23	0.95	1	1	90.581044
HS20_serv_inv	BOBJ1	23	Before	Interior Girder 2	23	0.95	1	1	104.110391
HS20_serv_inv	BOBJ1	23	Before	Interior Girder 3	23	0.95	1	1	112.226321
HS20_serv_inv	BOBJ1	23	Before	Interior Girder 4	23	0.95	1	1	102.991717
HS20_serv_inv	BOBJ1	23	Before	Interior Girder 5	23	0.95	1	1	90.581041
HS20_serv_inv	BOBJ1	23	Before	Right Exterior Girder	23	0.95	1	1	144.826373
HS15_serv_opr	BOBJ1	0	After	Left Exterior Girder	0	0.95	1	1	248.690232
HS15_serv_opr	BOBJ1	0	After	Interior Girder 1	0	0.95	1	1	157.335632
HS15_serv_opr	BOBJ1	0	After	Interior Girder 2	0	0.95	1	1	180.644919
HS15_serv_opr	BOBJ1	0	After	Interior Girder 3	0	0.95	1	1	194.72854
HS15_serv_opr	BOBJ1	0	After	Interior Girder 4	0	0.95	1	1	178.703876
HS15_serv_opr	BOBJ1	0	After	Interior Girder 5	0	0.95	1	1	157.335654
HS15_serv_opr	BOBJ1	0	After	Right Exterior Girder	0	0.95	1	1	250.943242
HS15_serv_opr	BOBJ1	1.9167	Before	Left Exterior Girder	1.9167	0.95	1	1	9.133683

TABLE: Bridge Super Rating AASHTORATE18 26 - SteelINonCompServ-Flx - Main Span Stringers

Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
HS15_serv_opr	BOBJ1	1.9167	Before	Interior Girder 1	1.9167	0.95	1	1	4.928508
HS15_serv_opr	BOBJ1	1.9167	Before	Interior Girder 2	1.9167	0.95	1	1	5.366378
HS15_serv_opr	BOBJ1	1.9167	Before	Interior Girder 3	1.9167	0.95	1	1	5.346155
HS15_serv_opr	BOBJ1	1.9167	Before	Interior Girder 4	1.9167	0.95	1	1	5.354431
HS15_serv_opr	BOBJ1	1.9167	Before	Interior Girder 5	1.9167	0.95	1	1	4.972487
HS15_serv_opr	BOBJ1	1.9167	Before	Right Exterior Girder	1.9167	0.95	1	1	9.133682
HS15_serv_opr	BOBJ1	1.9167	After	Left Exterior Girder	1.9167	0.95	1	1	9.151516
HS15_serv_opr	BOBJ1	1.9167	After	Interior Girder 1	1.9167	0.95	1	1	5.103367
HS15_serv_opr	BOBJ1	1.9167	After	Interior Girder 2	1.9167	0.95	1	1	5.488327
HS15_serv_opr	BOBJ1	1.9167	After	Interior Girder 3	1.9167	0.95	1	1	5.457136
HS15_serv_opr	BOBJ1	1.9167	After	Interior Girder 4	1.9167	0.95	1	1	5.476798
HS15_serv_opr	BOBJ1	1.9167	After	Interior Girder 5	1.9167	0.95	1	1	5.145794
HS15_serv_opr	BOBJ1	1.9167	After	Right Exterior Girder	1.9167	0.95	1	1	9.151516
HS15_serv_opr	BOBJ1	3.8333	Before	Left Exterior Girder	3.8333	0.95	1	1	5.102677
HS15_serv_opr	BOBJ1	3.8333	Before	Interior Girder 1	3.8333	0.95	1	1	2.773379
HS15_serv_opr	BOBJ1	3.8333	Before	Interior Girder 2	3.8333	0.95	1	1	2.977296
HS15_serv_opr	BOBJ1	3.8333	Before	Interior Girder 3	3.8333	0.95	1	1	2.954143
HS15_serv_opr	BOBJ1	3.8333	Before	Interior Girder 4	3.8333	0.95	1	1	2.969416
HS15_serv_opr	BOBJ1	3.8333	Before	Interior Girder 5	3.8333	0.95	1	1	2.795018
HS15_serv_opr	BOBJ1	3.8333	Before	Right Exterior Girder	3.8333	0.95	1	1	5.102677
HS15_serv_opr	BOBJ1	3.8333	After	Left Exterior Girder	3.8333	0.95	1	1	5.1039
HS15_serv_opr	BOBJ1	3.8333	After	Interior Girder 1	3.8333	0.95	1	1	2.822711
HS15_serv_opr	BOBJ1	3.8333	After	Interior Girder 2	3.8333	0.95	1	1	3.003464
HS15_serv_opr	BOBJ1	3.8333	After	Interior Girder 3	3.8333	0.95	1	1	2.981818
HS15_serv_opr	BOBJ1	3.8333	After	Interior Girder 4	3.8333	0.95	1	1	2.995695
HS15_serv_opr	BOBJ1	3.8333	After	Interior Girder 5	3.8333	0.95	1	1	2.843721
HS15_serv_opr	BOBJ1	3.8333	After	Right Exterior Girder	3.8333	0.95	1	1	5.1039
HS15_serv_opr	BOBJ1	5.75	Before	Left Exterior Girder	5.75	0.95	1	1	3.923336
HS15_serv_opr	BOBJ1	5.75	Before	Interior Girder 1	5.75	0.95	1	1	2.128712
HS15_serv_opr	BOBJ1	5.75	Before	Interior Girder 2	5.75	0.95	1	1	2.260637
HS15_serv_opr	BOBJ1	5.75	Before	Interior Girder 3	5.75	0.95	1	1	2.241493
HS15_serv_opr	BOBJ1	5.75	Before	Interior Girder 4	5.75	0.95	1	1	2.254033
HS15_serv_opr	BOBJ1	5.75	Before	Interior Girder 5	5.75	0.95	1	1	2.143812
HS15_serv_opr	BOBJ1	5.75	Before	Right Exterior Girder	5.75	0.95	1	1	3.923335
HS15_serv_opr	BOBJ1	5.75	After	Left Exterior Girder	5.75	0.95	1	1	3.925201
HS15_serv_opr	BOBJ1	5.75	After	Interior Girder 1	5.75	0.95	1	1	2.151106
HS15_serv_opr	BOBJ1	5.75	After	Interior Girder 2	5.75	0.95	1	1	2.272962
HS15_serv_opr	BOBJ1	5.75	After	Interior Girder 3	5.75	0.95	1	1	2.254709
HS15_serv_opr	BOBJ1	5.75	After	Interior Girder 4	5.75	0.95	1	1	2.266425
HS15_serv_opr	BOBJ1	5.75	After	Interior Girder 5	5.75	0.95	1	1	2.165927
HS15_serv_opr	BOBJ1	5.75	After	Right Exterior Girder	5.75	0.95	1	1	3.925201
HS15_serv_opr	BOBJ1	7.6667	Before	Left Exterior Girder	7.6667	0.95	1	1	3.545239
HS15_serv_opr	BOBJ1	7.6667	Before	Interior Girder 1	7.6667	0.95	1	1	1.909133
HS15_serv_opr	BOBJ1	7.6667	Before	Interior Girder 2	7.6667	0.95	1	1	2.017255
HS15_serv_opr	BOBJ1	7.6667	Before	Interior Girder 3	7.6667	0.95	1	1	1.999319
HS15_serv_opr	BOBJ1	7.6667	Before	Interior Girder 4	7.6667	0.95	1	1	2.01093
HS15_serv_opr	BOBJ1	7.6667	Before	Interior Girder 5	7.6667	0.95	1	1	1.921851
HS15_serv_opr	BOBJ1	7.6667	Before	Right Exterior Girder	7.6667	0.95	1	1	3.545239
HS15_serv_opr	BOBJ1	7.6667	After	Left Exterior Girder	7.6667	0.95	1	1	3.546869
HS15_serv_opr	BOBJ1	7.6667	After	Interior Girder 1	7.6667	0.95	1	1	1.920215
HS15_serv_opr	BOBJ1	7.6667	After	Interior Girder 2	7.6667	0.95	1	1	2.023464
HS15_serv_opr	BOBJ1	7.6667	After	Interior Girder 3	7.6667	0.95	1	1	2.006014
HS15_serv_opr	BOBJ1	7.6667	After	Interior Girder 4	7.6667	0.95	1	1	2.017175
HS15_serv_opr	BOBJ1	7.6667	After	Interior Girder 5	7.6667	0.95	1	1	1.932822
HS15_serv_opr	BOBJ1	7.6667	After	Right Exterior Girder	7.6667	0.95	1	1	3.546869
HS15_serv_opr	BOBJ1	9.5833	Before	Left Exterior Girder	9.5833	0.95	1	1	3.475448
HS15_serv_opr	BOBJ1	9.5833	Before	Interior Girder 1	9.5833	0.95	1	1	1.874707
HS15_serv_opr	BOBJ1	9.5833	Before	Interior Girder 2	9.5833	0.95	1	1	1.974672
HS15_serv_opr	BOBJ1	9.5833	Before	Interior Girder 3	9.5833	0.95	1	1	1.958146
HS15_serv_opr	BOBJ1	9.5833	Before	Interior Girder 4	9.5833	0.95	1	1	1.968929
HS15_serv_opr	BOBJ1	9.5833	Before	Interior Girder 5	9.5833	0.95	1	1	1.887282
HS15_serv_opr	BOBJ1	9.5833	Before	Right Exterior Girder	9.5833	0.95	1	1	3.475448
HS15_serv_opr	BOBJ1	9.5833	After	Left Exterior Girder	9.5833	0.95	1	1	3.476513
HS15_serv_opr	BOBJ1	9.5833	After	Interior Girder 1	9.5833	0.95	1	1	1.878845
HS15_serv_opr	BOBJ1	9.5833	After	Interior Girder 2	9.5833	0.95	1	1	1.977127
HS15_serv_opr	BOBJ1	9.5833	After	Interior Girder 3	9.5833	0.95	1	1	1.960805
HS15_serv_opr	BOBJ1	9.5833	After	Interior Girder 4	9.5833	0.95	1	1	1.971394
HS15_serv_opr	BOBJ1	9.5833	After	Interior Girder 5	9.5833	0.95	1	1	1.891388

TABLE: Bridge Super Rating AASHTORATE18 26 - SteelINonCompServ-Flx - Main Span Stringers									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
HS15_serv_opr	BOBJ1	9.5833	After	Right Exterior Girder	9.5833	0.95	1	1	3.476513
HS15_serv_opr	BOBJ1	11.5	Before	Left Exterior Girder	11.5	0.95	1	1	3.36512
HS15_serv_opr	BOBJ1	11.5	Before	Interior Girder 1	11.5	0.95	1	1	1.818581
HS15_serv_opr	BOBJ1	11.5	Before	Interior Girder 2	11.5	0.95	1	1	1.910074
HS15_serv_opr	BOBJ1	11.5	Before	Interior Girder 3	11.5	0.95	1	1	1.894133
HS15_serv_opr	BOBJ1	11.5	Before	Interior Girder 4	11.5	0.95	1	1	1.904473
HS15_serv_opr	BOBJ1	11.5	Before	Interior Girder 5	11.5	0.95	1	1	1.830493
HS15_serv_opr	BOBJ1	11.5	Before	Right Exterior Girder	11.5	0.95	1	1	3.36512
HS15_serv_opr	BOBJ1	11.5	After	Left Exterior Girder	11.5	0.95	1	1	3.365138
HS15_serv_opr	BOBJ1	11.5	After	Interior Girder 1	11.5	0.95	1	1	1.818563
HS15_serv_opr	BOBJ1	11.5	After	Interior Girder 2	11.5	0.95	1	1	1.910083
HS15_serv_opr	BOBJ1	11.5	After	Interior Girder 3	11.5	0.95	1	1	1.89413
HS15_serv_opr	BOBJ1	11.5	After	Interior Girder 4	11.5	0.95	1	1	1.904482
HS15_serv_opr	BOBJ1	11.5	After	Interior Girder 5	11.5	0.95	1	1	1.830475
HS15_serv_opr	BOBJ1	11.5	After	Right Exterior Girder	11.5	0.95	1	1	3.365138
HS15_serv_opr	BOBJ1	13.4167	Before	Left Exterior Girder	13.4167	0.95	1	1	3.476941
HS15_serv_opr	BOBJ1	13.4167	Before	Interior Girder 1	13.4167	0.95	1	1	1.879477
HS15_serv_opr	BOBJ1	13.4167	Before	Interior Girder 2	13.4167	0.95	1	1	1.977599
HS15_serv_opr	BOBJ1	13.4167	Before	Interior Girder 3	13.4167	0.95	1	1	1.96126
HS15_serv_opr	BOBJ1	13.4167	Before	Interior Girder 4	13.4167	0.95	1	1	1.971866
HS15_serv_opr	BOBJ1	13.4167	Before	Interior Girder 5	13.4167	0.95	1	1	1.892024
HS15_serv_opr	BOBJ1	13.4167	Before	Right Exterior Girder	13.4167	0.95	1	1	3.476941
HS15_serv_opr	BOBJ1	13.4167	After	Left Exterior Girder	13.4167	0.95	1	1	3.475911
HS15_serv_opr	BOBJ1	13.4167	After	Interior Girder 1	13.4167	0.95	1	1	1.875303
HS15_serv_opr	BOBJ1	13.4167	After	Interior Girder 2	13.4167	0.95	1	1	1.975161
HS15_serv_opr	BOBJ1	13.4167	After	Interior Girder 3	13.4167	0.95	1	1	1.958596
HS15_serv_opr	BOBJ1	13.4167	After	Interior Girder 4	13.4167	0.95	1	1	1.969417
HS15_serv_opr	BOBJ1	13.4167	After	Interior Girder 5	13.4167	0.95	1	1	1.887882
HS15_serv_opr	BOBJ1	13.4167	After	Right Exterior Girder	13.4167	0.95	1	1	3.475911
HS15_serv_opr	BOBJ1	15.3333	Before	Left Exterior Girder	15.3333	0.95	1	1	3.547735
HS15_serv_opr	BOBJ1	15.3333	Before	Interior Girder 1	15.3333	0.95	1	1	1.921477
HS15_serv_opr	BOBJ1	15.3333	Before	Interior Girder 2	15.3333	0.95	1	1	2.024417
HS15_serv_opr	BOBJ1	15.3333	Before	Interior Girder 3	15.3333	0.95	1	1	2.006924
HS15_serv_opr	BOBJ1	15.3333	Before	Interior Girder 4	15.3333	0.95	1	1	2.018125
HS15_serv_opr	BOBJ1	15.3333	Before	Interior Girder 5	15.3333	0.95	1	1	1.934092
HS15_serv_opr	BOBJ1	15.3333	Before	Right Exterior Girder	15.3333	0.95	1	1	3.547735
HS15_serv_opr	BOBJ1	15.3333	After	Left Exterior Girder	15.3333	0.95	1	1	3.546135
HS15_serv_opr	BOBJ1	15.3333	After	Interior Girder 1	15.3333	0.95	1	1	1.910357
HS15_serv_opr	BOBJ1	15.3333	After	Interior Girder 2	15.3333	0.95	1	1	2.01822
HS15_serv_opr	BOBJ1	15.3333	After	Interior Girder 3	15.3333	0.95	1	1	2.000222
HS15_serv_opr	BOBJ1	15.3333	After	Interior Girder 4	15.3333	0.95	1	1	2.011893
HS15_serv_opr	BOBJ1	15.3333	After	Interior Girder 5	15.3333	0.95	1	1	1.923083
HS15_serv_opr	BOBJ1	15.3333	After	Right Exterior Girder	15.3333	0.95	1	1	3.546135
HS15_serv_opr	BOBJ1	17.25	Before	Left Exterior Girder	17.25	0.95	1	1	3.926581
HS15_serv_opr	BOBJ1	17.25	Before	Interior Girder 1	17.25	0.95	1	1	2.153182
HS15_serv_opr	BOBJ1	17.25	Before	Interior Girder 2	17.25	0.95	1	1	2.274508
HS15_serv_opr	BOBJ1	17.25	Before	Interior Girder 3	17.25	0.95	1	1	2.256194
HS15_serv_opr	BOBJ1	17.25	Before	Interior Girder 4	17.25	0.95	1	1	2.267967
HS15_serv_opr	BOBJ1	17.25	Before	Interior Girder 5	17.25	0.95	1	1	2.168018
HS15_serv_opr	BOBJ1	17.25	Before	Right Exterior Girder	17.25	0.95	1	1	3.926581
HS15_serv_opr	BOBJ1	17.25	After	Left Exterior Girder	17.25	0.95	1	1	3.924733
HS15_serv_opr	BOBJ1	17.25	After	Interior Girder 1	17.25	0.95	1	1	2.130746
HS15_serv_opr	BOBJ1	17.25	After	Interior Girder 2	17.25	0.95	1	1	2.262185
HS15_serv_opr	BOBJ1	17.25	After	Interior Girder 3	17.25	0.95	1	1	2.242971
HS15_serv_opr	BOBJ1	17.25	After	Interior Girder 4	17.25	0.95	1	1	2.255576
HS15_serv_opr	BOBJ1	17.25	After	Interior Girder 5	17.25	0.95	1	1	2.14586
HS15_serv_opr	BOBJ1	17.25	After	Right Exterior Girder	17.25	0.95	1	1	3.924733
HS15_serv_opr	BOBJ1	19.1667	Before	Left Exterior Girder	19.1667	0.95	1	1	5.106095
HS15_serv_opr	BOBJ1	19.1667	Before	Interior Girder 1	19.1667	0.95	1	1	2.826301
HS15_serv_opr	BOBJ1	19.1667	Before	Interior Girder 2	19.1667	0.95	1	1	3.006032
HS15_serv_opr	BOBJ1	19.1667	Before	Interior Girder 3	19.1667	0.95	1	1	2.984316
HS15_serv_opr	BOBJ1	19.1667	Before	Interior Girder 4	19.1667	0.95	1	1	2.998256
HS15_serv_opr	BOBJ1	19.1667	Before	Interior Girder 5	19.1667	0.95	1	1	2.847338
HS15_serv_opr	BOBJ1	19.1667	Before	Right Exterior Girder	19.1667	0.95	1	1	5.106095
HS15_serv_opr	BOBJ1	19.1667	After	Left Exterior Girder	19.1667	0.95	1	1	5.104866
HS15_serv_opr	BOBJ1	19.1667	After	Interior Girder 1	19.1667	0.95	1	1	2.776907
HS15_serv_opr	BOBJ1	19.1667	After	Interior Girder 2	19.1667	0.95	1	1	2.979842
HS15_serv_opr	BOBJ1	19.1667	After	Interior Girder 3	19.1667	0.95	1	1	2.956625

TABLE: Bridge Super Rating AASHTORATE18 26 - SteelINonCompServ-Flx - Main Span Stringers									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
HS15_serv_opr	BOBJ1	19.1667	After	Interior Girder 4	19.1667	0.95	1	1	2.971955
HS15_serv_opr	BOBJ1	19.1667	After	Interior Girder 5	19.1667	0.95	1	1	2.798574
HS15_serv_opr	BOBJ1	19.1667	After	Right Exterior Girder	19.1667	0.95	1	1	5.104865
HS15_serv_opr	BOBJ1	21.0833	Before	Left Exterior Girder	21.0833	0.95	1	1	9.156158
HS15_serv_opr	BOBJ1	21.0833	Before	Interior Girder 1	21.0833	0.95	1	1	5.11109
HS15_serv_opr	BOBJ1	21.0833	Before	Interior Girder 2	21.0833	0.95	1	1	5.493871
HS15_serv_opr	BOBJ1	21.0833	Before	Interior Girder 3	21.0833	0.95	1	1	5.46263
HS15_serv_opr	BOBJ1	21.0833	Before	Interior Girder 4	21.0833	0.95	1	1	5.48233
HS15_serv_opr	BOBJ1	21.0833	Before	Interior Girder 5	21.0833	0.95	1	1	5.153582
HS15_serv_opr	BOBJ1	21.0833	Before	Right Exterior Girder	21.0833	0.95	1	1	9.156157
HS15_serv_opr	BOBJ1	21.0833	After	Left Exterior Girder	21.0833	0.95	1	1	9.138342
HS15_serv_opr	BOBJ1	21.0833	After	Interior Girder 1	21.0833	0.95	1	1	4.935972
HS15_serv_opr	BOBJ1	21.0833	After	Interior Girder 2	21.0833	0.95	1	1	5.371772
HS15_serv_opr	BOBJ1	21.0833	After	Interior Girder 3	21.0833	0.95	1	1	5.351556
HS15_serv_opr	BOBJ1	21.0833	After	Interior Girder 4	21.0833	0.95	1	1	5.359813
HS15_serv_opr	BOBJ1	21.0833	After	Interior Girder 5	21.0833	0.95	1	1	4.980017
HS15_serv_opr	BOBJ1	21.0833	After	Right Exterior Girder	21.0833	0.95	1	1	9.138342
HS15_serv_opr	BOBJ1	23	Before	Left Exterior Girder	23	0.95	1	1	248.778602
HS15_serv_opr	BOBJ1	23	Before	Interior Girder 1	23	0.95	1	1	157.007142
HS15_serv_opr	BOBJ1	23	Before	Interior Girder 2	23	0.95	1	1	180.458012
HS15_serv_opr	BOBJ1	23	Before	Interior Girder 3	23	0.95	1	1	194.525624
HS15_serv_opr	BOBJ1	23	Before	Interior Girder 4	23	0.95	1	1	178.518977
HS15_serv_opr	BOBJ1	23	Before	Interior Girder 5	23	0.95	1	1	157.007138
HS15_serv_opr	BOBJ1	23	Before	Right Exterior Girder	23	0.95	1	1	251.03238
HS15_serv_inv	BOBJ1	0	After	Left Exterior Girder	0	0.95	1	1	191.300179
HS15_serv_inv	BOBJ1	0	After	Interior Girder 1	0	0.95	1	1	121.027409
HS15_serv_inv	BOBJ1	0	After	Interior Girder 2	0	0.95	1	1	138.95763
HS15_serv_inv	BOBJ1	0	After	Interior Girder 3	0	0.95	1	1	149.791185
HS15_serv_inv	BOBJ1	0	After	Interior Girder 4	0	0.95	1	1	137.46452
HS15_serv_inv	BOBJ1	0	After	Interior Girder 5	0	0.95	1	1	121.027426
HS15_serv_inv	BOBJ1	0	After	Right Exterior Girder	0	0.95	1	1	193.033263
HS15_serv_inv	BOBJ1	1.9167	Before	Left Exterior Girder	1.9167	0.95	1	1	7.02591
HS15_serv_inv	BOBJ1	1.9167	Before	Interior Girder 1	1.9167	0.95	1	1	3.79116
HS15_serv_inv	BOBJ1	1.9167	Before	Interior Girder 2	1.9167	0.95	1	1	4.127983
HS15_serv_inv	BOBJ1	1.9167	Before	Interior Girder 3	1.9167	0.95	1	1	4.112427
HS15_serv_inv	BOBJ1	1.9167	Before	Interior Girder 4	1.9167	0.95	1	1	4.118793
HS15_serv_inv	BOBJ1	1.9167	Before	Interior Girder 5	1.9167	0.95	1	1	3.82499
HS15_serv_inv	BOBJ1	1.9167	Before	Right Exterior Girder	1.9167	0.95	1	1	7.025909
HS15_serv_inv	BOBJ1	1.9167	After	Left Exterior Girder	1.9167	0.95	1	1	7.039628
HS15_serv_inv	BOBJ1	1.9167	After	Interior Girder 1	1.9167	0.95	1	1	3.925667
HS15_serv_inv	BOBJ1	1.9167	After	Interior Girder 2	1.9167	0.95	1	1	4.22179
HS15_serv_inv	BOBJ1	1.9167	After	Interior Girder 3	1.9167	0.95	1	1	4.197797
HS15_serv_inv	BOBJ1	1.9167	After	Interior Girder 4	1.9167	0.95	1	1	4.212921
HS15_serv_inv	BOBJ1	1.9167	After	Interior Girder 5	1.9167	0.95	1	1	3.958303
HS15_serv_inv	BOBJ1	1.9167	After	Right Exterior Girder	1.9167	0.95	1	1	7.039628
HS15_serv_inv	BOBJ1	3.8333	Before	Left Exterior Girder	3.8333	0.95	1	1	3.925136
HS15_serv_inv	BOBJ1	3.8333	Before	Interior Girder 1	3.8333	0.95	1	1	2.133368
HS15_serv_inv	BOBJ1	3.8333	Before	Interior Girder 2	3.8333	0.95	1	1	2.290228
HS15_serv_inv	BOBJ1	3.8333	Before	Interior Girder 3	3.8333	0.95	1	1	2.272418
HS15_serv_inv	BOBJ1	3.8333	Before	Interior Girder 4	3.8333	0.95	1	1	2.284166
HS15_serv_inv	BOBJ1	3.8333	Before	Interior Girder 5	3.8333	0.95	1	1	2.150014
HS15_serv_inv	BOBJ1	3.8333	Before	Right Exterior Girder	3.8333	0.95	1	1	3.925136
HS15_serv_inv	BOBJ1	3.8333	After	Left Exterior Girder	3.8333	0.95	1	1	3.926077
HS15_serv_inv	BOBJ1	3.8333	After	Interior Girder 1	3.8333	0.95	1	1	2.171316
HS15_serv_inv	BOBJ1	3.8333	After	Interior Girder 2	3.8333	0.95	1	1	2.310357
HS15_serv_inv	BOBJ1	3.8333	After	Interior Girder 3	3.8333	0.95	1	1	2.293706
HS15_serv_inv	BOBJ1	3.8333	After	Interior Girder 4	3.8333	0.95	1	1	2.304381
HS15_serv_inv	BOBJ1	3.8333	After	Interior Girder 5	3.8333	0.95	1	1	2.187478
HS15_serv_inv	BOBJ1	3.8333	After	Right Exterior Girder	3.8333	0.95	1	1	3.926077
HS15_serv_inv	BOBJ1	5.75	Before	Left Exterior Girder	5.75	0.95	1	1	3.01795
HS15_serv_inv	BOBJ1	5.75	Before	Interior Girder 1	5.75	0.95	1	1	1.637471
HS15_serv_inv	BOBJ1	5.75	Before	Interior Girder 2	5.75	0.95	1	1	1.738952
HS15_serv_inv	BOBJ1	5.75	Before	Interior Girder 3	5.75	0.95	1	1	1.724226
HS15_serv_inv	BOBJ1	5.75	Before	Interior Girder 4	5.75	0.95	1	1	1.733872
HS15_serv_inv	BOBJ1	5.75	Before	Interior Girder 5	5.75	0.95	1	1	1.649086
HS15_serv_inv	BOBJ1	5.75	Before	Right Exterior Girder	5.75	0.95	1	1	3.01795
HS15_serv_inv	BOBJ1	5.75	After	Left Exterior Girder	5.75	0.95	1	1	3.019386
HS15_serv_inv	BOBJ1	5.75	After	Interior Girder 1	5.75	0.95	1	1	1.654697

TABLE: Bridge Super Rating AASHTORATE18 26 - SteelINonCompServ-Flx - Main Span Stringers									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
HS15_serv_inv	BOBJ1	5.75	After	Interior Girder 2	5.75	0.95	1	1	1.748432
HS15_serv_inv	BOBJ1	5.75	After	Interior Girder 3	5.75	0.95	1	1	1.734391
HS15_serv_inv	BOBJ1	5.75	After	Interior Girder 4	5.75	0.95	1	1	1.743404
HS15_serv_inv	BOBJ1	5.75	After	Interior Girder 5	5.75	0.95	1	1	1.666098
HS15_serv_inv	BOBJ1	5.75	After	Right Exterior Girder	5.75	0.95	1	1	3.019385
HS15_serv_inv	BOBJ1	7.6667	Before	Left Exterior Girder	7.6667	0.95	1	1	2.727107
HS15_serv_inv	BOBJ1	7.6667	Before	Interior Girder 1	7.6667	0.95	1	1	1.468564
HS15_serv_inv	BOBJ1	7.6667	Before	Interior Girder 2	7.6667	0.95	1	1	1.551735
HS15_serv_inv	BOBJ1	7.6667	Before	Interior Girder 3	7.6667	0.95	1	1	1.537937
HS15_serv_inv	BOBJ1	7.6667	Before	Interior Girder 4	7.6667	0.95	1	1	1.54687
HS15_serv_inv	BOBJ1	7.6667	Before	Interior Girder 5	7.6667	0.95	1	1	1.478347
HS15_serv_inv	BOBJ1	7.6667	Before	Right Exterior Girder	7.6667	0.95	1	1	2.727107
HS15_serv_inv	BOBJ1	7.6667	After	Left Exterior Girder	7.6667	0.95	1	1	2.72836
HS15_serv_inv	BOBJ1	7.6667	After	Interior Girder 1	7.6667	0.95	1	1	1.477089
HS15_serv_inv	BOBJ1	7.6667	After	Interior Girder 2	7.6667	0.95	1	1	1.556511
HS15_serv_inv	BOBJ1	7.6667	After	Interior Girder 3	7.6667	0.95	1	1	1.543088
HS15_serv_inv	BOBJ1	7.6667	After	Interior Girder 4	7.6667	0.95	1	1	1.551673
HS15_serv_inv	BOBJ1	7.6667	After	Interior Girder 5	7.6667	0.95	1	1	1.486786
HS15_serv_inv	BOBJ1	7.6667	After	Right Exterior Girder	7.6667	0.95	1	1	2.72836
HS15_serv_inv	BOBJ1	9.5833	Before	Left Exterior Girder	9.5833	0.95	1	1	2.673422
HS15_serv_inv	BOBJ1	9.5833	Before	Interior Girder 1	9.5833	0.95	1	1	1.442083
HS15_serv_inv	BOBJ1	9.5833	Before	Interior Girder 2	9.5833	0.95	1	1	1.518978
HS15_serv_inv	BOBJ1	9.5833	Before	Interior Girder 3	9.5833	0.95	1	1	1.506266
HS15_serv_inv	BOBJ1	9.5833	Before	Interior Girder 4	9.5833	0.95	1	1	1.51456
HS15_serv_inv	BOBJ1	9.5833	Before	Interior Girder 5	9.5833	0.95	1	1	1.451755
HS15_serv_inv	BOBJ1	9.5833	Before	Right Exterior Girder	9.5833	0.95	1	1	2.673422
HS15_serv_inv	BOBJ1	9.5833	After	Left Exterior Girder	9.5833	0.95	1	1	2.674241
HS15_serv_inv	BOBJ1	9.5833	After	Interior Girder 1	9.5833	0.95	1	1	1.445265
HS15_serv_inv	BOBJ1	9.5833	After	Interior Girder 2	9.5833	0.95	1	1	1.520867
HS15_serv_inv	BOBJ1	9.5833	After	Interior Girder 3	9.5833	0.95	1	1	1.508311
HS15_serv_inv	BOBJ1	9.5833	After	Interior Girder 4	9.5833	0.95	1	1	1.516457
HS15_serv_inv	BOBJ1	9.5833	After	Interior Girder 5	9.5833	0.95	1	1	1.454914
HS15_serv_inv	BOBJ1	9.5833	After	Right Exterior Girder	9.5833	0.95	1	1	2.674241
HS15_serv_inv	BOBJ1	11.5	Before	Left Exterior Girder	11.5	0.95	1	1	2.588554
HS15_serv_inv	BOBJ1	11.5	Before	Interior Girder 1	11.5	0.95	1	1	1.398908
HS15_serv_inv	BOBJ1	11.5	Before	Interior Girder 2	11.5	0.95	1	1	1.469288
HS15_serv_inv	BOBJ1	11.5	Before	Interior Girder 3	11.5	0.95	1	1	1.457025
HS15_serv_inv	BOBJ1	11.5	Before	Interior Girder 4	11.5	0.95	1	1	1.464979
HS15_serv_inv	BOBJ1	11.5	Before	Interior Girder 5	11.5	0.95	1	1	1.408071
HS15_serv_inv	BOBJ1	11.5	Before	Right Exterior Girder	11.5	0.95	1	1	2.588554
HS15_serv_inv	BOBJ1	11.5	After	Left Exterior Girder	11.5	0.95	1	1	2.588568
HS15_serv_inv	BOBJ1	11.5	After	Interior Girder 1	11.5	0.95	1	1	1.398895
HS15_serv_inv	BOBJ1	11.5	After	Interior Girder 2	11.5	0.95	1	1	1.469294
HS15_serv_inv	BOBJ1	11.5	After	Interior Girder 3	11.5	0.95	1	1	1.457023
HS15_serv_inv	BOBJ1	11.5	After	Interior Girder 4	11.5	0.95	1	1	1.464986
HS15_serv_inv	BOBJ1	11.5	After	Interior Girder 5	11.5	0.95	1	1	1.408058
HS15_serv_inv	BOBJ1	11.5	After	Right Exterior Girder	11.5	0.95	1	1	2.588568
HS15_serv_inv	BOBJ1	13.4167	Before	Left Exterior Girder	13.4167	0.95	1	1	2.67457
HS15_serv_inv	BOBJ1	13.4167	Before	Interior Girder 1	13.4167	0.95	1	1	1.445751
HS15_serv_inv	BOBJ1	13.4167	Before	Interior Girder 2	13.4167	0.95	1	1	1.52123
HS15_serv_inv	BOBJ1	13.4167	Before	Interior Girder 3	13.4167	0.95	1	1	1.508662
HS15_serv_inv	BOBJ1	13.4167	Before	Interior Girder 4	13.4167	0.95	1	1	1.51682
HS15_serv_inv	BOBJ1	13.4167	Before	Interior Girder 5	13.4167	0.95	1	1	1.455403
HS15_serv_inv	BOBJ1	13.4167	Before	Right Exterior Girder	13.4167	0.95	1	1	2.67457
HS15_serv_inv	BOBJ1	13.4167	After	Left Exterior Girder	13.4167	0.95	1	1	2.673778
HS15_serv_inv	BOBJ1	13.4167	After	Interior Girder 1	13.4167	0.95	1	1	1.442541
HS15_serv_inv	BOBJ1	13.4167	After	Interior Girder 2	13.4167	0.95	1	1	1.519355
HS15_serv_inv	BOBJ1	13.4167	After	Interior Girder 3	13.4167	0.95	1	1	1.506612
HS15_serv_inv	BOBJ1	13.4167	After	Interior Girder 4	13.4167	0.95	1	1	1.514936
HS15_serv_inv	BOBJ1	13.4167	After	Interior Girder 5	13.4167	0.95	1	1	1.452217
HS15_serv_inv	BOBJ1	13.4167	After	Right Exterior Girder	13.4167	0.95	1	1	2.673778
HS15_serv_inv	BOBJ1	15.3333	Before	Left Exterior Girder	15.3333	0.95	1	1	2.729027
HS15_serv_inv	BOBJ1	15.3333	Before	Interior Girder 1	15.3333	0.95	1	1	1.478059
HS15_serv_inv	BOBJ1	15.3333	Before	Interior Girder 2	15.3333	0.95	1	1	1.557244
HS15_serv_inv	BOBJ1	15.3333	Before	Interior Girder 3	15.3333	0.95	1	1	1.543788
HS15_serv_inv	BOBJ1	15.3333	Before	Interior Girder 4	15.3333	0.95	1	1	1.552404
HS15_serv_inv	BOBJ1	15.3333	Before	Interior Girder 5	15.3333	0.95	1	1	1.487763
HS15_serv_inv	BOBJ1	15.3333	Before	Right Exterior Girder	15.3333	0.95	1	1	2.729027

TABLE: Bridge Super Rating AASHTORATE18 26 - SteelINonCompServ-Flx - Main Span Stringers									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
HS15_serv_inv	BOBJ1	15.3333	After	Left Exterior Girder	15.3333	0.95	1	1	2.727796
HS15_serv_inv	BOBJ1	15.3333	After	Interior Girder 1	15.3333	0.95	1	1	1.469505
HS15_serv_inv	BOBJ1	15.3333	After	Interior Girder 2	15.3333	0.95	1	1	1.552477
HS15_serv_inv	BOBJ1	15.3333	After	Interior Girder 3	15.3333	0.95	1	1	1.538632
HS15_serv_inv	BOBJ1	15.3333	After	Interior Girder 4	15.3333	0.95	1	1	1.54761
HS15_serv_inv	BOBJ1	15.3333	After	Interior Girder 5	15.3333	0.95	1	1	1.479295
HS15_serv_inv	BOBJ1	15.3333	After	Right Exterior Girder	15.3333	0.95	1	1	2.727796
HS15_serv_inv	BOBJ1	17.25	Before	Left Exterior Girder	17.25	0.95	1	1	3.020447
HS15_serv_inv	BOBJ1	17.25	Before	Interior Girder 1	17.25	0.95	1	1	1.656294
HS15_serv_inv	BOBJ1	17.25	Before	Interior Girder 2	17.25	0.95	1	1	1.749621
HS15_serv_inv	BOBJ1	17.25	Before	Interior Girder 3	17.25	0.95	1	1	1.735534
HS15_serv_inv	BOBJ1	17.25	Before	Interior Girder 4	17.25	0.95	1	1	1.74459
HS15_serv_inv	BOBJ1	17.25	Before	Interior Girder 5	17.25	0.95	1	1	1.667706
HS15_serv_inv	BOBJ1	17.25	Before	Right Exterior Girder	17.25	0.95	1	1	3.020447
HS15_serv_inv	BOBJ1	17.25	After	Left Exterior Girder	17.25	0.95	1	1	3.019025
HS15_serv_inv	BOBJ1	17.25	After	Interior Girder 1	17.25	0.95	1	1	1.639035
HS15_serv_inv	BOBJ1	17.25	After	Interior Girder 2	17.25	0.95	1	1	1.740142
HS15_serv_inv	BOBJ1	17.25	After	Interior Girder 3	17.25	0.95	1	1	1.725362
HS15_serv_inv	BOBJ1	17.25	After	Interior Girder 4	17.25	0.95	1	1	1.735059
HS15_serv_inv	BOBJ1	17.25	After	Interior Girder 5	17.25	0.95	1	1	1.650662
HS15_serv_inv	BOBJ1	17.25	After	Right Exterior Girder	17.25	0.95	1	1	3.019025
HS15_serv_inv	BOBJ1	19.1667	Before	Left Exterior Girder	19.1667	0.95	1	1	3.927765
HS15_serv_inv	BOBJ1	19.1667	Before	Interior Girder 1	19.1667	0.95	1	1	2.174078
HS15_serv_inv	BOBJ1	19.1667	Before	Interior Girder 2	19.1667	0.95	1	1	2.312332
HS15_serv_inv	BOBJ1	19.1667	Before	Interior Girder 3	19.1667	0.95	1	1	2.295627
HS15_serv_inv	BOBJ1	19.1667	Before	Interior Girder 4	19.1667	0.95	1	1	2.306351
HS15_serv_inv	BOBJ1	19.1667	Before	Interior Girder 5	19.1667	0.95	1	1	2.19026
HS15_serv_inv	BOBJ1	19.1667	Before	Right Exterior Girder	19.1667	0.95	1	1	3.927765
HS15_serv_inv	BOBJ1	19.1667	After	Left Exterior Girder	19.1667	0.95	1	1	3.92682
HS15_serv_inv	BOBJ1	19.1667	After	Interior Girder 1	19.1667	0.95	1	1	2.136082
HS15_serv_inv	BOBJ1	19.1667	After	Interior Girder 2	19.1667	0.95	1	1	2.292186
HS15_serv_inv	BOBJ1	19.1667	After	Interior Girder 3	19.1667	0.95	1	1	2.274327
HS15_serv_inv	BOBJ1	19.1667	After	Interior Girder 4	19.1667	0.95	1	1	2.286119
HS15_serv_inv	BOBJ1	19.1667	After	Interior Girder 5	19.1667	0.95	1	1	2.152749
HS15_serv_inv	BOBJ1	19.1667	After	Right Exterior Girder	19.1667	0.95	1	1	3.92682
HS15_serv_inv	BOBJ1	21.0833	Before	Left Exterior Girder	21.0833	0.95	1	1	7.043198
HS15_serv_inv	BOBJ1	21.0833	Before	Interior Girder 1	21.0833	0.95	1	1	3.931608
HS15_serv_inv	BOBJ1	21.0833	Before	Interior Girder 2	21.0833	0.95	1	1	4.226055
HS15_serv_inv	BOBJ1	21.0833	Before	Interior Girder 3	21.0833	0.95	1	1	4.202023
HS15_serv_inv	BOBJ1	21.0833	Before	Interior Girder 4	21.0833	0.95	1	1	4.217177
HS15_serv_inv	BOBJ1	21.0833	Before	Interior Girder 5	21.0833	0.95	1	1	3.964294
HS15_serv_inv	BOBJ1	21.0833	Before	Right Exterior Girder	21.0833	0.95	1	1	7.043198
HS15_serv_inv	BOBJ1	21.0833	After	Left Exterior Girder	21.0833	0.95	1	1	7.029494
HS15_serv_inv	BOBJ1	21.0833	After	Interior Girder 1	21.0833	0.95	1	1	3.796901
HS15_serv_inv	BOBJ1	21.0833	After	Interior Girder 2	21.0833	0.95	1	1	4.132133
HS15_serv_inv	BOBJ1	21.0833	After	Interior Girder 3	21.0833	0.95	1	1	4.116581
HS15_serv_inv	BOBJ1	21.0833	After	Interior Girder 4	21.0833	0.95	1	1	4.122933
HS15_serv_inv	BOBJ1	21.0833	After	Interior Girder 5	21.0833	0.95	1	1	3.830782
HS15_serv_inv	BOBJ1	21.0833	After	Right Exterior Girder	21.0833	0.95	1	1	7.029494
HS15_serv_inv	BOBJ1	23	Before	Left Exterior Girder	23	0.95	1	1	191.368155
HS15_serv_inv	BOBJ1	23	Before	Interior Girder 1	23	0.95	1	1	120.774725
HS15_serv_inv	BOBJ1	23	Before	Interior Girder 2	23	0.95	1	1	138.813855
HS15_serv_inv	BOBJ1	23	Before	Interior Girder 3	23	0.95	1	1	149.635095
HS15_serv_inv	BOBJ1	23	Before	Interior Girder 4	23	0.95	1	1	137.32229
HS15_serv_inv	BOBJ1	23	Before	Interior Girder 5	23	0.95	1	1	120.774721
HS15_serv_inv	BOBJ1	23	Before	Right Exterior Girder	23	0.95	1	1	193.101831
Lane_serv_opr	BOBJ1	0	After	Left Exterior Girder	0	0.95	1	1	1543.788564
Lane_serv_opr	BOBJ1	0	After	Interior Girder 1	0	0.95	1	1	968.555281
Lane_serv_opr	BOBJ1	0	After	Interior Girder 2	0	0.95	1	1	1040.292235
Lane_serv_opr	BOBJ1	0	After	Interior Girder 3	0	0.95	1	1	905.889861
Lane_serv_opr	BOBJ1	0	After	Interior Girder 4	0	0.95	1	1	963.606442
Lane_serv_opr	BOBJ1	0	After	Interior Girder 5	0	0.95	1	1	956.766215
Lane_serv_opr	BOBJ1	0	After	Right Exterior Girder	0	0.95	1	1	1529.945214
Lane_serv_opr	BOBJ1	1.9167	Before	Left Exterior Girder	1.9167	0.95	1	1	79.849331
Lane_serv_opr	BOBJ1	1.9167	Before	Interior Girder 1	1.9167	0.95	1	1	34.275688
Lane_serv_opr	BOBJ1	1.9167	Before	Interior Girder 2	1.9167	0.95	1	1	37.791972
Lane_serv_opr	BOBJ1	1.9167	Before	Interior Girder 3	1.9167	0.95	1	1	37.202282
Lane_serv_opr	BOBJ1	1.9167	Before	Interior Girder 4	1.9167	0.95	1	1	36.755541

TABLE: Bridge Super Rating AASHTORATE18 26 - SteelINonCompServ-Flx - Main Span Stringers									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Lane_serv_opr	BOBJ1	1.9167	Before	Interior Girder 5	1.9167	0.95	1	1	34.413066
Lane_serv_opr	BOBJ1	1.9167	Before	Right Exterior Girder	1.9167	0.95	1	1	79.849326
Lane_serv_opr	BOBJ1	1.9167	After	Left Exterior Girder	1.9167	0.95	1	1	76.598802
Lane_serv_opr	BOBJ1	1.9167	After	Interior Girder 1	1.9167	0.95	1	1	35.784105
Lane_serv_opr	BOBJ1	1.9167	After	Interior Girder 2	1.9167	0.95	1	1	39.224076
Lane_serv_opr	BOBJ1	1.9167	After	Interior Girder 3	1.9167	0.95	1	1	37.911394
Lane_serv_opr	BOBJ1	1.9167	After	Interior Girder 4	1.9167	0.95	1	1	38.269495
Lane_serv_opr	BOBJ1	1.9167	After	Interior Girder 5	1.9167	0.95	1	1	35.887097
Lane_serv_opr	BOBJ1	1.9167	After	Right Exterior Girder	1.9167	0.95	1	1	76.598803
Lane_serv_opr	BOBJ1	3.8333	Before	Left Exterior Girder	3.8333	0.95	1	1	41.724306
Lane_serv_opr	BOBJ1	3.8333	Before	Interior Girder 1	3.8333	0.95	1	1	18.124602
Lane_serv_opr	BOBJ1	3.8333	Before	Interior Girder 2	3.8333	0.95	1	1	19.949444
Lane_serv_opr	BOBJ1	3.8333	Before	Interior Girder 3	3.8333	0.95	1	1	19.494967
Lane_serv_opr	BOBJ1	3.8333	Before	Interior Girder 4	3.8333	0.95	1	1	19.432679
Lane_serv_opr	BOBJ1	3.8333	Before	Interior Girder 5	3.8333	0.95	1	1	18.179581
Lane_serv_opr	BOBJ1	3.8333	Before	Right Exterior Girder	3.8333	0.95	1	1	41.724305
Lane_serv_opr	BOBJ1	3.8333	After	Left Exterior Girder	3.8333	0.95	1	1	40.873022
Lane_serv_opr	BOBJ1	3.8333	After	Interior Girder 1	3.8333	0.95	1	1	18.481742
Lane_serv_opr	BOBJ1	3.8333	After	Interior Girder 2	3.8333	0.95	1	1	20.273184
Lane_serv_opr	BOBJ1	3.8333	After	Interior Girder 3	3.8333	0.95	1	1	19.624243
Lane_serv_opr	BOBJ1	3.8333	After	Interior Girder 4	3.8333	0.95	1	1	19.781017
Lane_serv_opr	BOBJ1	3.8333	After	Interior Girder 5	3.8333	0.95	1	1	18.524334
Lane_serv_opr	BOBJ1	3.8333	After	Right Exterior Girder	3.8333	0.95	1	1	40.873022
Lane_serv_opr	BOBJ1	5.75	Before	Left Exterior Girder	5.75	0.95	1	1	29.748663
Lane_serv_opr	BOBJ1	5.75	Before	Interior Girder 1	5.75	0.95	1	1	12.944987
Lane_serv_opr	BOBJ1	5.75	Before	Interior Girder 2	5.75	0.95	1	1	14.2211
Lane_serv_opr	BOBJ1	5.75	Before	Interior Girder 3	5.75	0.95	1	1	13.829788
Lane_serv_opr	BOBJ1	5.75	Before	Interior Girder 4	5.75	0.95	1	1	13.867546
Lane_serv_opr	BOBJ1	5.75	Before	Interior Girder 5	5.75	0.95	1	1	12.973872
Lane_serv_opr	BOBJ1	5.75	Before	Right Exterior Girder	5.75	0.95	1	1	29.748663
Lane_serv_opr	BOBJ1	5.75	After	Left Exterior Girder	5.75	0.95	1	1	29.407809
Lane_serv_opr	BOBJ1	5.75	After	Interior Girder 1	5.75	0.95	1	1	13.091956
Lane_serv_opr	BOBJ1	5.75	After	Interior Girder 2	5.75	0.95	1	1	14.35889
Lane_serv_opr	BOBJ1	5.75	After	Interior Girder 3	5.75	0.95	1	1	13.88414
Lane_serv_opr	BOBJ1	5.75	After	Interior Girder 4	5.75	0.95	1	1	14.015681
Lane_serv_opr	BOBJ1	5.75	After	Interior Girder 5	5.75	0.95	1	1	13.1158
Lane_serv_opr	BOBJ1	5.75	After	Right Exterior Girder	5.75	0.95	1	1	29.407809
Lane_serv_opr	BOBJ1	7.6667	Before	Left Exterior Girder	7.6667	0.95	1	1	24.431009
Lane_serv_opr	BOBJ1	7.6667	Before	Interior Girder 1	7.6667	0.95	1	1	10.627852
Lane_serv_opr	BOBJ1	7.6667	Before	Interior Girder 2	7.6667	0.95	1	1	11.661511
Lane_serv_opr	BOBJ1	7.6667	Before	Interior Girder 3	7.6667	0.95	1	1	11.301868
Lane_serv_opr	BOBJ1	7.6667	Before	Interior Girder 4	7.6667	0.95	1	1	11.379772
Lane_serv_opr	BOBJ1	7.6667	Before	Interior Girder 5	7.6667	0.95	1	1	10.646089
Lane_serv_opr	BOBJ1	7.6667	Before	Right Exterior Girder	7.6667	0.95	1	1	24.431009
Lane_serv_opr	BOBJ1	7.6667	After	Left Exterior Girder	7.6667	0.95	1	1	24.270876
Lane_serv_opr	BOBJ1	7.6667	After	Interior Girder 1	7.6667	0.95	1	1	10.697737
Lane_serv_opr	BOBJ1	7.6667	After	Interior Girder 2	7.6667	0.95	1	1	11.727158
Lane_serv_opr	BOBJ1	7.6667	After	Interior Girder 3	7.6667	0.95	1	1	11.327405
Lane_serv_opr	BOBJ1	7.6667	After	Interior Girder 4	7.6667	0.95	1	1	11.450282
Lane_serv_opr	BOBJ1	7.6667	After	Interior Girder 5	7.6667	0.95	1	1	10.713731
Lane_serv_opr	BOBJ1	7.6667	After	Right Exterior Girder	7.6667	0.95	1	1	24.270875
Lane_serv_opr	BOBJ1	9.5833	Before	Left Exterior Girder	9.5833	0.95	1	1	21.966074
Lane_serv_opr	BOBJ1	9.5833	Before	Interior Girder 1	9.5833	0.95	1	1	9.55903
Lane_serv_opr	BOBJ1	9.5833	Before	Interior Girder 2	9.5833	0.95	1	1	10.479406
Lane_serv_opr	BOBJ1	9.5833	Before	Interior Girder 3	9.5833	0.95	1	1	10.133206
Lane_serv_opr	BOBJ1	9.5833	Before	Interior Girder 4	9.5833	0.95	1	1	10.230848
Lane_serv_opr	BOBJ1	9.5833	Before	Interior Girder 5	9.5833	0.95	1	1	9.572583
Lane_serv_opr	BOBJ1	9.5833	Before	Right Exterior Girder	9.5833	0.95	1	1	21.966073
Lane_serv_opr	BOBJ1	9.5833	After	Left Exterior Girder	9.5833	0.95	1	1	21.89998
Lane_serv_opr	BOBJ1	9.5833	After	Interior Girder 1	9.5833	0.95	1	1	9.588256
Lane_serv_opr	BOBJ1	9.5833	After	Interior Girder 2	9.5833	0.95	1	1	10.507012
Lane_serv_opr	BOBJ1	9.5833	After	Interior Girder 3	9.5833	0.95	1	1	10.144057
Lane_serv_opr	BOBJ1	9.5833	After	Interior Girder 4	9.5833	0.95	1	1	10.260457
Lane_serv_opr	BOBJ1	9.5833	After	Interior Girder 5	9.5833	0.95	1	1	9.60091
Lane_serv_opr	BOBJ1	9.5833	After	Right Exterior Girder	9.5833	0.95	1	1	21.89998
Lane_serv_opr	BOBJ1	11.5	Before	Left Exterior Girder	11.5	0.95	1	1	21.217736
Lane_serv_opr	BOBJ1	11.5	Before	Interior Girder 1	11.5	0.95	1	1	9.252045
Lane_serv_opr	BOBJ1	11.5	Before	Interior Girder 2	11.5	0.95	1	1	10.138066

TABLE: Bridge Super Rating AASHTORATE18 26 - SteelINonCompServ-Flx - Main Span Stringers									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Lane_serv_opr	BOBJ1	11.5	Before	Interior Girder 3	11.5	0.95	1	1	9.790989
Lane_serv_opr	BOBJ1	11.5	Before	Interior Girder 4	11.5	0.95	1	1	9.899866
Lane_serv_opr	BOBJ1	11.5	Before	Interior Girder 5	11.5	0.95	1	1	9.264
Lane_serv_opr	BOBJ1	11.5	Before	Right Exterior Girder	11.5	0.95	1	1	21.217736
Lane_serv_opr	BOBJ1	11.5	After	Left Exterior Girder	11.5	0.95	1	1	21.217851
Lane_serv_opr	BOBJ1	11.5	After	Interior Girder 1	11.5	0.95	1	1	9.251956
Lane_serv_opr	BOBJ1	11.5	After	Interior Girder 2	11.5	0.95	1	1	10.138112
Lane_serv_opr	BOBJ1	11.5	After	Interior Girder 3	11.5	0.95	1	1	9.790975
Lane_serv_opr	BOBJ1	11.5	After	Interior Girder 4	11.5	0.95	1	1	9.899911
Lane_serv_opr	BOBJ1	11.5	After	Interior Girder 5	11.5	0.95	1	1	9.263911
Lane_serv_opr	BOBJ1	11.5	After	Right Exterior Girder	11.5	0.95	1	1	21.217851
Lane_serv_opr	BOBJ1	13.4167	Before	Left Exterior Girder	13.4167	0.95	1	1	21.902675
Lane_serv_opr	BOBJ1	13.4167	Before	Interior Girder 1	13.4167	0.95	1	1	9.591483
Lane_serv_opr	BOBJ1	13.4167	Before	Interior Girder 2	13.4167	0.95	1	1	10.509525
Lane_serv_opr	BOBJ1	13.4167	Before	Interior Girder 3	13.4167	0.95	1	1	10.146412
Lane_serv_opr	BOBJ1	13.4167	Before	Interior Girder 4	13.4167	0.95	1	1	10.262911
Lane_serv_opr	BOBJ1	13.4167	Before	Interior Girder 5	13.4167	0.95	1	1	9.604141
Lane_serv_opr	BOBJ1	13.4167	Before	Right Exterior Girder	13.4167	0.95	1	1	21.902675
Lane_serv_opr	BOBJ1	13.4167	After	Left Exterior Girder	13.4167	0.95	1	1	21.969003
Lane_serv_opr	BOBJ1	13.4167	After	Interior Girder 1	13.4167	0.95	1	1	9.56207
Lane_serv_opr	BOBJ1	13.4167	After	Interior Girder 2	13.4167	0.95	1	1	10.482005
Lane_serv_opr	BOBJ1	13.4167	After	Interior Girder 3	13.4167	0.95	1	1	10.135533
Lane_serv_opr	BOBJ1	13.4167	After	Interior Girder 4	13.4167	0.95	1	1	10.233385
Lane_serv_opr	BOBJ1	13.4167	After	Interior Girder 5	13.4167	0.95	1	1	9.575627
Lane_serv_opr	BOBJ1	13.4167	After	Right Exterior Girder	13.4167	0.95	1	1	21.969002
Lane_serv_opr	BOBJ1	15.3333	Before	Left Exterior Girder	15.3333	0.95	1	1	24.276803
Lane_serv_opr	BOBJ1	15.3333	Before	Interior Girder 1	15.3333	0.95	1	1	10.704767
Lane_serv_opr	BOBJ1	15.3333	Before	Interior Girder 2	15.3333	0.95	1	1	11.73268
Lane_serv_opr	BOBJ1	15.3333	Before	Interior Girder 3	15.3333	0.95	1	1	11.332544
Lane_serv_opr	BOBJ1	15.3333	Before	Interior Girder 4	15.3333	0.95	1	1	11.455674
Lane_serv_opr	BOBJ1	15.3333	Before	Interior Girder 5	15.3333	0.95	1	1	10.720771
Lane_serv_opr	BOBJ1	15.3333	Before	Right Exterior Girder	15.3333	0.95	1	1	24.276802
Lane_serv_opr	BOBJ1	15.3333	After	Left Exterior Girder	15.3333	0.95	1	1	24.437186
Lane_serv_opr	BOBJ1	15.3333	After	Interior Girder 1	15.3333	0.95	1	1	10.634667
Lane_serv_opr	BOBJ1	15.3333	After	Interior Girder 2	15.3333	0.95	1	1	11.667092
Lane_serv_opr	BOBJ1	15.3333	After	Interior Girder 3	15.3333	0.95	1	1	11.306975
Lane_serv_opr	BOBJ1	15.3333	After	Interior Girder 4	15.3333	0.95	1	1	11.385217
Lane_serv_opr	BOBJ1	15.3333	After	Interior Girder 5	15.3333	0.95	1	1	10.652916
Lane_serv_opr	BOBJ1	15.3333	After	Right Exterior Girder	15.3333	0.95	1	1	24.437185
Lane_serv_opr	BOBJ1	17.25	Before	Left Exterior Girder	17.25	0.95	1	1	29.418144
Lane_serv_opr	BOBJ1	17.25	Before	Interior Girder 1	17.25	0.95	1	1	13.104592
Lane_serv_opr	BOBJ1	17.25	Before	Interior Girder 2	17.25	0.95	1	1	14.368659
Lane_serv_opr	BOBJ1	17.25	Before	Interior Girder 3	17.25	0.95	1	1	13.893283
Lane_serv_opr	BOBJ1	17.25	Before	Interior Girder 4	17.25	0.95	1	1	14.025216
Lane_serv_opr	BOBJ1	17.25	Before	Interior Girder 5	17.25	0.95	1	1	13.128459
Lane_serv_opr	BOBJ1	17.25	Before	Right Exterior Girder	17.25	0.95	1	1	29.418143
Lane_serv_opr	BOBJ1	17.25	After	Left Exterior Girder	17.25	0.95	1	1	29.759258
Lane_serv_opr	BOBJ1	17.25	After	Interior Girder 1	17.25	0.95	1	1	12.957358
Lane_serv_opr	BOBJ1	17.25	After	Interior Girder 2	17.25	0.95	1	1	14.230837
Lane_serv_opr	BOBJ1	17.25	After	Interior Girder 3	17.25	0.95	1	1	13.838906
Lane_serv_opr	BOBJ1	17.25	After	Interior Girder 4	17.25	0.95	1	1	13.877041
Lane_serv_opr	BOBJ1	17.25	After	Interior Girder 5	17.25	0.95	1	1	12.98627
Lane_serv_opr	BOBJ1	17.25	After	Right Exterior Girder	17.25	0.95	1	1	29.759257
Lane_serv_opr	BOBJ1	19.1667	Before	Left Exterior Girder	19.1667	0.95	1	1	40.890597
Lane_serv_opr	BOBJ1	19.1667	Before	Interior Girder 1	19.1667	0.95	1	1	18.505251
Lane_serv_opr	BOBJ1	19.1667	Before	Interior Girder 2	19.1667	0.95	1	1	20.290517
Lane_serv_opr	BOBJ1	19.1667	Before	Interior Girder 3	19.1667	0.95	1	1	19.640683
Lane_serv_opr	BOBJ1	19.1667	Before	Interior Girder 4	19.1667	0.95	1	1	19.797929
Lane_serv_opr	BOBJ1	19.1667	Before	Interior Girder 5	19.1667	0.95	1	1	18.547897
Lane_serv_opr	BOBJ1	19.1667	Before	Right Exterior Girder	19.1667	0.95	1	1	40.890596
Lane_serv_opr	BOBJ1	19.1667	After	Left Exterior Girder	19.1667	0.95	1	1	41.742204
Lane_serv_opr	BOBJ1	19.1667	After	Interior Girder 1	19.1667	0.95	1	1	18.147661
Lane_serv_opr	BOBJ1	19.1667	After	Interior Girder 2	19.1667	0.95	1	1	19.9665
Lane_serv_opr	BOBJ1	19.1667	After	Interior Girder 3	19.1667	0.95	1	1	19.511346
Lane_serv_opr	BOBJ1	19.1667	After	Interior Girder 4	19.1667	0.95	1	1	19.449294
Lane_serv_opr	BOBJ1	19.1667	After	Interior Girder 5	19.1667	0.95	1	1	18.202709
Lane_serv_opr	BOBJ1	19.1667	After	Right Exterior Girder	19.1667	0.95	1	1	41.742202
Lane_serv_opr	BOBJ1	21.0833	Before	Left Exterior Girder	21.0833	0.95	1	1	76.637653

TABLE: Bridge Super Rating AASHTORATE18 26 - SteelINonCompServ-Flx - Main Span Stringers									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Lane_serv_opr	BOBJ1	21.0833	Before	Interior Girder 1	21.0833	0.95	1	1	35.838259
Lane_serv_opr	BOBJ1	21.0833	Before	Interior Girder 2	21.0833	0.95	1	1	39.263699
Lane_serv_opr	BOBJ1	21.0833	Before	Interior Girder 3	21.0833	0.95	1	1	37.949561
Lane_serv_opr	BOBJ1	21.0833	Before	Interior Girder 4	21.0833	0.95	1	1	38.308154
Lane_serv_opr	BOBJ1	21.0833	Before	Interior Girder 5	21.0833	0.95	1	1	35.941407
Lane_serv_opr	BOBJ1	21.0833	Before	Right Exterior Girder	21.0833	0.95	1	1	76.637652
Lane_serv_opr	BOBJ1	21.0833	After	Left Exterior Girder	21.0833	0.95	1	1	79.890062
Lane_serv_opr	BOBJ1	21.0833	After	Interior Girder 1	21.0833	0.95	1	1	34.327593
Lane_serv_opr	BOBJ1	21.0833	After	Interior Girder 2	21.0833	0.95	1	1	37.829959
Lane_serv_opr	BOBJ1	21.0833	After	Interior Girder 3	21.0833	0.95	1	1	37.23986
Lane_serv_opr	BOBJ1	21.0833	After	Interior Girder 4	21.0833	0.95	1	1	36.792487
Lane_serv_opr	BOBJ1	21.0833	After	Interior Girder 5	21.0833	0.95	1	1	34.465179
Lane_serv_opr	BOBJ1	21.0833	After	Right Exterior Girder	21.0833	0.95	1	1	79.89006
Lane_serv_opr	BOBJ1	23	Before	Left Exterior Girder	23	0.95	1	1	1544.337132
Lane_serv_opr	BOBJ1	23	Before	Interior Girder 1	23	0.95	1	1	966.533106
Lane_serv_opr	BOBJ1	23	Before	Interior Girder 2	23	0.95	1	1	1039.215879
Lane_serv_opr	BOBJ1	23	Before	Interior Girder 3	23	0.95	1	1	904.945879
Lane_serv_opr	BOBJ1	23	Before	Interior Girder 4	23	0.95	1	1	962.609426
Lane_serv_opr	BOBJ1	23	Before	Interior Girder 5	23	0.95	1	1	954.768447
Lane_serv_opr	BOBJ1	23	Before	Right Exterior Girder	23	0.95	1	1	1530.488628
Lane_serv_inv	BOBJ1	0	After	Left Exterior Girder	0	0.95	1	1	1187.529665
Lane_serv_inv	BOBJ1	0	After	Interior Girder 1	0	0.95	1	1	745.042524
Lane_serv_inv	BOBJ1	0	After	Interior Girder 2	0	0.95	1	1	800.224796
Lane_serv_inv	BOBJ1	0	After	Interior Girder 3	0	0.95	1	1	696.838354
Lane_serv_inv	BOBJ1	0	After	Interior Girder 4	0	0.95	1	1	741.235725
Lane_serv_inv	BOBJ1	0	After	Interior Girder 5	0	0.95	1	1	735.974011
Lane_serv_inv	BOBJ1	0	After	Right Exterior Girder	0	0.95	1	1	1176.880934
Lane_serv_inv	BOBJ1	1.9167	Before	Left Exterior Girder	1.9167	0.95	1	1	61.422562
Lane_serv_inv	BOBJ1	1.9167	Before	Interior Girder 1	1.9167	0.95	1	1	26.365914
Lane_serv_inv	BOBJ1	1.9167	Before	Interior Girder 2	1.9167	0.95	1	1	29.070747
Lane_serv_inv	BOBJ1	1.9167	Before	Interior Girder 3	1.9167	0.95	1	1	28.61714
Lane_serv_inv	BOBJ1	1.9167	Before	Interior Girder 4	1.9167	0.95	1	1	28.273493
Lane_serv_inv	BOBJ1	1.9167	Before	Interior Girder 5	1.9167	0.95	1	1	26.471589
Lane_serv_inv	BOBJ1	1.9167	Before	Right Exterior Girder	1.9167	0.95	1	1	61.422559
Lane_serv_inv	BOBJ1	1.9167	After	Left Exterior Girder	1.9167	0.95	1	1	58.922156
Lane_serv_inv	BOBJ1	1.9167	After	Interior Girder 1	1.9167	0.95	1	1	27.526235
Lane_serv_inv	BOBJ1	1.9167	After	Interior Girder 2	1.9167	0.95	1	1	30.172366
Lane_serv_inv	BOBJ1	1.9167	After	Interior Girder 3	1.9167	0.95	1	1	29.162611
Lane_serv_inv	BOBJ1	1.9167	After	Interior Girder 4	1.9167	0.95	1	1	29.438073
Lane_serv_inv	BOBJ1	1.9167	After	Interior Girder 5	1.9167	0.95	1	1	27.605459
Lane_serv_inv	BOBJ1	1.9167	After	Right Exterior Girder	1.9167	0.95	1	1	58.922156
Lane_serv_inv	BOBJ1	3.8333	Before	Left Exterior Girder	3.8333	0.95	1	1	32.09562
Lane_serv_inv	BOBJ1	3.8333	Before	Interior Girder 1	3.8333	0.95	1	1	13.942002
Lane_serv_inv	BOBJ1	3.8333	Before	Interior Girder 2	3.8333	0.95	1	1	15.345726
Lane_serv_inv	BOBJ1	3.8333	Before	Interior Girder 3	3.8333	0.95	1	1	14.996129
Lane_serv_inv	BOBJ1	3.8333	Before	Interior Girder 4	3.8333	0.95	1	1	14.948215
Lane_serv_inv	BOBJ1	3.8333	Before	Interior Girder 5	3.8333	0.95	1	1	13.984293
Lane_serv_inv	BOBJ1	3.8333	Before	Right Exterior Girder	3.8333	0.95	1	1	32.095619
Lane_serv_inv	BOBJ1	3.8333	After	Left Exterior Girder	3.8333	0.95	1	1	31.440786
Lane_serv_inv	BOBJ1	3.8333	After	Interior Girder 1	3.8333	0.95	1	1	14.216725
Lane_serv_inv	BOBJ1	3.8333	After	Interior Girder 2	3.8333	0.95	1	1	15.594757
Lane_serv_inv	BOBJ1	3.8333	After	Interior Girder 3	3.8333	0.95	1	1	15.095572
Lane_serv_inv	BOBJ1	3.8333	After	Interior Girder 4	3.8333	0.95	1	1	15.216167
Lane_serv_inv	BOBJ1	3.8333	After	Interior Girder 5	3.8333	0.95	1	1	14.249488
Lane_serv_inv	BOBJ1	3.8333	After	Right Exterior Girder	3.8333	0.95	1	1	31.440786
Lane_serv_inv	BOBJ1	5.75	Before	Left Exterior Girder	5.75	0.95	1	1	22.883587
Lane_serv_inv	BOBJ1	5.75	Before	Interior Girder 1	5.75	0.95	1	1	9.957683
Lane_serv_inv	BOBJ1	5.75	Before	Interior Girder 2	5.75	0.95	1	1	10.939308
Lane_serv_inv	BOBJ1	5.75	Before	Interior Girder 3	5.75	0.95	1	1	10.638299
Lane_serv_inv	BOBJ1	5.75	Before	Interior Girder 4	5.75	0.95	1	1	10.667343
Lane_serv_inv	BOBJ1	5.75	Before	Interior Girder 5	5.75	0.95	1	1	9.979901
Lane_serv_inv	BOBJ1	5.75	Before	Right Exterior Girder	5.75	0.95	1	1	22.883587
Lane_serv_inv	BOBJ1	5.75	After	Left Exterior Girder	5.75	0.95	1	1	22.621391
Lane_serv_inv	BOBJ1	5.75	After	Interior Girder 1	5.75	0.95	1	1	10.070735
Lane_serv_inv	BOBJ1	5.75	After	Interior Girder 2	5.75	0.95	1	1	11.0453
Lane_serv_inv	BOBJ1	5.75	After	Interior Girder 3	5.75	0.95	1	1	10.680108
Lane_serv_inv	BOBJ1	5.75	After	Interior Girder 4	5.75	0.95	1	1	10.781293
Lane_serv_inv	BOBJ1	5.75	After	Interior Girder 5	5.75	0.95	1	1	10.089077

TABLE: Bridge Super Rating AASHTORATE18 26 - SteelINonCompServ-Flx - Main Span Stringers									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Lane_serv_inv	BOBJ1	5.75	After	Right Exterior Girder	5.75	0.95	1	1	22.621391
Lane_serv_inv	BOBJ1	7.6667	Before	Left Exterior Girder	7.6667	0.95	1	1	18.793084
Lane_serv_inv	BOBJ1	7.6667	Before	Interior Girder 1	7.6667	0.95	1	1	8.175271
Lane_serv_inv	BOBJ1	7.6667	Before	Interior Girder 2	7.6667	0.95	1	1	8.970393
Lane_serv_inv	BOBJ1	7.6667	Before	Interior Girder 3	7.6667	0.95	1	1	8.693745
Lane_serv_inv	BOBJ1	7.6667	Before	Interior Girder 4	7.6667	0.95	1	1	8.753671
Lane_serv_inv	BOBJ1	7.6667	Before	Interior Girder 5	7.6667	0.95	1	1	8.189299
Lane_serv_inv	BOBJ1	7.6667	Before	Right Exterior Girder	7.6667	0.95	1	1	18.793084
Lane_serv_inv	BOBJ1	7.6667	After	Left Exterior Girder	7.6667	0.95	1	1	18.669904
Lane_serv_inv	BOBJ1	7.6667	After	Interior Girder 1	7.6667	0.95	1	1	8.229029
Lane_serv_inv	BOBJ1	7.6667	After	Interior Girder 2	7.6667	0.95	1	1	9.020891
Lane_serv_inv	BOBJ1	7.6667	After	Interior Girder 3	7.6667	0.95	1	1	8.713388
Lane_serv_inv	BOBJ1	7.6667	After	Interior Girder 4	7.6667	0.95	1	1	8.807909
Lane_serv_inv	BOBJ1	7.6667	After	Interior Girder 5	7.6667	0.95	1	1	8.241332
Lane_serv_inv	BOBJ1	7.6667	After	Right Exterior Girder	7.6667	0.95	1	1	18.669904
Lane_serv_inv	BOBJ1	9.5833	Before	Left Exterior Girder	9.5833	0.95	1	1	16.89698
Lane_serv_inv	BOBJ1	9.5833	Before	Interior Girder 1	9.5833	0.95	1	1	7.3531
Lane_serv_inv	BOBJ1	9.5833	Before	Interior Girder 2	9.5833	0.95	1	1	8.061082
Lane_serv_inv	BOBJ1	9.5833	Before	Interior Girder 3	9.5833	0.95	1	1	7.794774
Lane_serv_inv	BOBJ1	9.5833	Before	Interior Girder 4	9.5833	0.95	1	1	7.869883
Lane_serv_inv	BOBJ1	9.5833	Before	Interior Girder 5	9.5833	0.95	1	1	7.363526
Lane_serv_inv	BOBJ1	9.5833	Before	Right Exterior Girder	9.5833	0.95	1	1	16.896979
Lane_serv_inv	BOBJ1	9.5833	After	Left Exterior Girder	9.5833	0.95	1	1	16.846139
Lane_serv_inv	BOBJ1	9.5833	After	Interior Girder 1	9.5833	0.95	1	1	7.375581
Lane_serv_inv	BOBJ1	9.5833	After	Interior Girder 2	9.5833	0.95	1	1	8.082317
Lane_serv_inv	BOBJ1	9.5833	After	Interior Girder 3	9.5833	0.95	1	1	7.803121
Lane_serv_inv	BOBJ1	9.5833	After	Interior Girder 4	9.5833	0.95	1	1	7.892659
Lane_serv_inv	BOBJ1	9.5833	After	Interior Girder 5	9.5833	0.95	1	1	7.385315
Lane_serv_inv	BOBJ1	9.5833	After	Right Exterior Girder	9.5833	0.95	1	1	16.846139
Lane_serv_inv	BOBJ1	11.5	Before	Left Exterior Girder	11.5	0.95	1	1	16.321336
Lane_serv_inv	BOBJ1	11.5	Before	Interior Girder 1	11.5	0.95	1	1	7.116958
Lane_serv_inv	BOBJ1	11.5	Before	Interior Girder 2	11.5	0.95	1	1	7.798512
Lane_serv_inv	BOBJ1	11.5	Before	Interior Girder 3	11.5	0.95	1	1	7.53153
Lane_serv_inv	BOBJ1	11.5	Before	Interior Girder 4	11.5	0.95	1	1	7.615281
Lane_serv_inv	BOBJ1	11.5	Before	Interior Girder 5	11.5	0.95	1	1	7.126154
Lane_serv_inv	BOBJ1	11.5	Before	Right Exterior Girder	11.5	0.95	1	1	16.321335
Lane_serv_inv	BOBJ1	11.5	After	Left Exterior Girder	11.5	0.95	1	1	16.321424
Lane_serv_inv	BOBJ1	11.5	After	Interior Girder 1	11.5	0.95	1	1	7.116889
Lane_serv_inv	BOBJ1	11.5	After	Interior Girder 2	11.5	0.95	1	1	7.798548
Lane_serv_inv	BOBJ1	11.5	After	Interior Girder 3	11.5	0.95	1	1	7.531519
Lane_serv_inv	BOBJ1	11.5	After	Interior Girder 4	11.5	0.95	1	1	7.615316
Lane_serv_inv	BOBJ1	11.5	After	Interior Girder 5	11.5	0.95	1	1	7.126085
Lane_serv_inv	BOBJ1	11.5	After	Right Exterior Girder	11.5	0.95	1	1	16.321424
Lane_serv_inv	BOBJ1	13.4167	Before	Left Exterior Girder	13.4167	0.95	1	1	16.848212
Lane_serv_inv	BOBJ1	13.4167	Before	Interior Girder 1	13.4167	0.95	1	1	7.378064
Lane_serv_inv	BOBJ1	13.4167	Before	Interior Girder 2	13.4167	0.95	1	1	8.08425
Lane_serv_inv	BOBJ1	13.4167	Before	Interior Girder 3	13.4167	0.95	1	1	7.804932
Lane_serv_inv	BOBJ1	13.4167	Before	Interior Girder 4	13.4167	0.95	1	1	7.894547
Lane_serv_inv	BOBJ1	13.4167	Before	Interior Girder 5	13.4167	0.95	1	1	7.387801
Lane_serv_inv	BOBJ1	13.4167	Before	Right Exterior Girder	13.4167	0.95	1	1	16.848211
Lane_serv_inv	BOBJ1	13.4167	After	Left Exterior Girder	13.4167	0.95	1	1	16.899233
Lane_serv_inv	BOBJ1	13.4167	After	Interior Girder 1	13.4167	0.95	1	1	7.355438
Lane_serv_inv	BOBJ1	13.4167	After	Interior Girder 2	13.4167	0.95	1	1	8.063081
Lane_serv_inv	BOBJ1	13.4167	After	Interior Girder 3	13.4167	0.95	1	1	7.796564
Lane_serv_inv	BOBJ1	13.4167	After	Interior Girder 4	13.4167	0.95	1	1	7.871835
Lane_serv_inv	BOBJ1	13.4167	After	Interior Girder 5	13.4167	0.95	1	1	7.365867
Lane_serv_inv	BOBJ1	13.4167	After	Right Exterior Girder	13.4167	0.95	1	1	16.899232
Lane_serv_inv	BOBJ1	15.3333	Before	Left Exterior Girder	15.3333	0.95	1	1	18.674464
Lane_serv_inv	BOBJ1	15.3333	Before	Interior Girder 1	15.3333	0.95	1	1	8.234436
Lane_serv_inv	BOBJ1	15.3333	Before	Interior Girder 2	15.3333	0.95	1	1	9.025139
Lane_serv_inv	BOBJ1	15.3333	Before	Interior Girder 3	15.3333	0.95	1	1	8.717341
Lane_serv_inv	BOBJ1	15.3333	Before	Interior Girder 4	15.3333	0.95	1	1	8.812057
Lane_serv_inv	BOBJ1	15.3333	Before	Interior Girder 5	15.3333	0.95	1	1	8.246747
Lane_serv_inv	BOBJ1	15.3333	Before	Right Exterior Girder	15.3333	0.95	1	1	18.674463
Lane_serv_inv	BOBJ1	15.3333	After	Left Exterior Girder	15.3333	0.95	1	1	18.797835
Lane_serv_inv	BOBJ1	15.3333	After	Interior Girder 1	15.3333	0.95	1	1	8.180513
Lane_serv_inv	BOBJ1	15.3333	After	Interior Girder 2	15.3333	0.95	1	1	8.974686
Lane_serv_inv	BOBJ1	15.3333	After	Interior Girder 3	15.3333	0.95	1	1	8.697673

TABLE: Bridge Super Rating AASHTORATE18 26 - SteelINonCompServ-Flx - Main Span Stringers									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Lane_serv_inv	BOBJ1	15.3333	After	Interior Girder 4	15.3333	0.95	1	1	8.757859
Lane_serv_inv	BOBJ1	15.3333	After	Interior Girder 5	15.3333	0.95	1	1	8.194551
Lane_serv_inv	BOBJ1	15.3333	After	Right Exterior Girder	15.3333	0.95	1	1	18.797835
Lane_serv_inv	BOBJ1	17.25	Before	Left Exterior Girder	17.25	0.95	1	1	22.629341
Lane_serv_inv	BOBJ1	17.25	Before	Interior Girder 1	17.25	0.95	1	1	10.080455
Lane_serv_inv	BOBJ1	17.25	Before	Interior Girder 2	17.25	0.95	1	1	11.052814
Lane_serv_inv	BOBJ1	17.25	Before	Interior Girder 3	17.25	0.95	1	1	10.687141
Lane_serv_inv	BOBJ1	17.25	Before	Interior Girder 4	17.25	0.95	1	1	10.788627
Lane_serv_inv	BOBJ1	17.25	Before	Interior Girder 5	17.25	0.95	1	1	10.098815
Lane_serv_inv	BOBJ1	17.25	Before	Right Exterior Girder	17.25	0.95	1	1	22.629341
Lane_serv_inv	BOBJ1	17.25	After	Left Exterior Girder	17.25	0.95	1	1	22.891737
Lane_serv_inv	BOBJ1	17.25	After	Interior Girder 1	17.25	0.95	1	1	9.967198
Lane_serv_inv	BOBJ1	17.25	After	Interior Girder 2	17.25	0.95	1	1	10.946798
Lane_serv_inv	BOBJ1	17.25	After	Interior Girder 3	17.25	0.95	1	1	10.645313
Lane_serv_inv	BOBJ1	17.25	After	Interior Girder 4	17.25	0.95	1	1	10.674647
Lane_serv_inv	BOBJ1	17.25	After	Interior Girder 5	17.25	0.95	1	1	9.989438
Lane_serv_inv	BOBJ1	17.25	After	Right Exterior Girder	17.25	0.95	1	1	22.891736
Lane_serv_inv	BOBJ1	19.1667	Before	Left Exterior Girder	19.1667	0.95	1	1	31.454305
Lane_serv_inv	BOBJ1	19.1667	Before	Interior Girder 1	19.1667	0.95	1	1	14.234808
Lane_serv_inv	BOBJ1	19.1667	Before	Interior Girder 2	19.1667	0.95	1	1	15.60809
Lane_serv_inv	BOBJ1	19.1667	Before	Interior Girder 3	19.1667	0.95	1	1	15.108218
Lane_serv_inv	BOBJ1	19.1667	Before	Interior Girder 4	19.1667	0.95	1	1	15.229176
Lane_serv_inv	BOBJ1	19.1667	Before	Interior Girder 5	19.1667	0.95	1	1	14.267613
Lane_serv_inv	BOBJ1	19.1667	Before	Right Exterior Girder	19.1667	0.95	1	1	31.454305
Lane_serv_inv	BOBJ1	19.1667	After	Left Exterior Girder	19.1667	0.95	1	1	32.109387
Lane_serv_inv	BOBJ1	19.1667	After	Interior Girder 1	19.1667	0.95	1	1	13.959739
Lane_serv_inv	BOBJ1	19.1667	After	Interior Girder 2	19.1667	0.95	1	1	15.358846
Lane_serv_inv	BOBJ1	19.1667	After	Interior Girder 3	19.1667	0.95	1	1	15.008728
Lane_serv_inv	BOBJ1	19.1667	After	Interior Girder 4	19.1667	0.95	1	1	14.960995
Lane_serv_inv	BOBJ1	19.1667	After	Interior Girder 5	19.1667	0.95	1	1	14.002084
Lane_serv_inv	BOBJ1	19.1667	After	Right Exterior Girder	19.1667	0.95	1	1	32.109386
Lane_serv_inv	BOBJ1	21.0833	Before	Left Exterior Girder	21.0833	0.95	1	1	58.952041
Lane_serv_inv	BOBJ1	21.0833	Before	Interior Girder 1	21.0833	0.95	1	1	27.567891
Lane_serv_inv	BOBJ1	21.0833	Before	Interior Girder 2	21.0833	0.95	1	1	30.202846
Lane_serv_inv	BOBJ1	21.0833	Before	Interior Girder 3	21.0833	0.95	1	1	29.19197
Lane_serv_inv	BOBJ1	21.0833	Before	Interior Girder 4	21.0833	0.95	1	1	29.467811
Lane_serv_inv	BOBJ1	21.0833	Before	Interior Girder 5	21.0833	0.95	1	1	27.647236
Lane_serv_inv	BOBJ1	21.0833	Before	Right Exterior Girder	21.0833	0.95	1	1	58.95204
Lane_serv_inv	BOBJ1	21.0833	After	Left Exterior Girder	21.0833	0.95	1	1	61.453894
Lane_serv_inv	BOBJ1	21.0833	After	Interior Girder 1	21.0833	0.95	1	1	26.405841
Lane_serv_inv	BOBJ1	21.0833	After	Interior Girder 2	21.0833	0.95	1	1	29.099969
Lane_serv_inv	BOBJ1	21.0833	After	Interior Girder 3	21.0833	0.95	1	1	28.646046
Lane_serv_inv	BOBJ1	21.0833	After	Interior Girder 4	21.0833	0.95	1	1	28.301913
Lane_serv_inv	BOBJ1	21.0833	After	Interior Girder 5	21.0833	0.95	1	1	26.511676
Lane_serv_inv	BOBJ1	21.0833	After	Right Exterior Girder	21.0833	0.95	1	1	61.453892
Lane_serv_inv	BOBJ1	23	Before	Left Exterior Girder	23	0.95	1	1	1187.95164
Lane_serv_inv	BOBJ1	23	Before	Interior Girder 1	23	0.95	1	1	743.487005
Lane_serv_inv	BOBJ1	23	Before	Interior Girder 2	23	0.95	1	1	799.39683
Lane_serv_inv	BOBJ1	23	Before	Interior Girder 3	23	0.95	1	1	696.112215
Lane_serv_inv	BOBJ1	23	Before	Interior Girder 4	23	0.95	1	1	740.468789
Lane_serv_inv	BOBJ1	23	Before	Interior Girder 5	23	0.95	1	1	734.437267
Lane_serv_inv	BOBJ1	23	Before	Right Exterior Girder	23	0.95	1	1	1177.298944
SU4_serv	BOBJ1	0	After	Left Exterior Girder	0	0.95	1	1	153.158368
SU4_serv	BOBJ1	0	After	Interior Girder 1	0	0.95	1	1	95.768906
SU4_serv	BOBJ1	0	After	Interior Girder 2	0	0.95	1	1	110.642842
SU4_serv	BOBJ1	0	After	Interior Girder 3	0	0.95	1	1	119.390859
SU4_serv	BOBJ1	0	After	Interior Girder 4	0	0.95	1	1	109.652111
SU4_serv	BOBJ1	0	After	Interior Girder 5	0	0.95	1	1	95.768921
SU4_serv	BOBJ1	0	After	Right Exterior Girder	0	0.95	1	1	154.518414
SU4_serv	BOBJ1	1.9167	Before	Left Exterior Girder	1.9167	0.95	1	1	6.010082
SU4_serv	BOBJ1	1.9167	Before	Interior Girder 1	1.9167	0.95	1	1	3.240101
SU4_serv	BOBJ1	1.9167	Before	Interior Girder 2	1.9167	0.95	1	1	3.520942
SU4_serv	BOBJ1	1.9167	Before	Interior Girder 3	1.9167	0.95	1	1	3.498705
SU4_serv	BOBJ1	1.9167	Before	Interior Girder 4	1.9167	0.95	1	1	3.51125
SU4_serv	BOBJ1	1.9167	Before	Interior Girder 5	1.9167	0.95	1	1	3.267757
SU4_serv	BOBJ1	1.9167	Before	Right Exterior Girder	1.9167	0.95	1	1	6.010082
SU4_serv	BOBJ1	1.9167	After	Left Exterior Girder	1.9167	0.95	1	1	6.017639
SU4_serv	BOBJ1	1.9167	After	Interior Girder 1	1.9167	0.95	1	1	3.38702

TABLE: Bridge Super Rating AASHTORATE18 26 - SteelINonCompServ-Flx - Main Span Stringers									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
SU4_serv	BOBJ1	1.9167	After	Interior Girder 2	1.9167	0.95	1	1	3.611508
SU4_serv	BOBJ1	1.9167	After	Interior Girder 3	1.9167	0.95	1	1	3.585594
SU4_serv	BOBJ1	1.9167	After	Interior Girder 4	1.9167	0.95	1	1	3.602036
SU4_serv	BOBJ1	1.9167	After	Interior Girder 5	1.9167	0.95	1	1	3.412823
SU4_serv	BOBJ1	1.9167	After	Right Exterior Girder	1.9167	0.95	1	1	6.017639
SU4_serv	BOBJ1	3.8333	Before	Left Exterior Girder	3.8333	0.95	1	1	3.336639
SU4_serv	BOBJ1	3.8333	Before	Interior Girder 1	3.8333	0.95	1	1	1.817449
SU4_serv	BOBJ1	3.8333	Before	Interior Girder 2	3.8333	0.95	1	1	1.941536
SU4_serv	BOBJ1	3.8333	Before	Interior Girder 3	3.8333	0.95	1	1	1.923804
SU4_serv	BOBJ1	3.8333	Before	Interior Girder 4	3.8333	0.95	1	1	1.935446
SU4_serv	BOBJ1	3.8333	Before	Interior Girder 5	3.8333	0.95	1	1	1.830659
SU4_serv	BOBJ1	3.8333	Before	Right Exterior Girder	3.8333	0.95	1	1	3.336639
SU4_serv	BOBJ1	3.8333	After	Left Exterior Girder	3.8333	0.95	1	1	3.336986
SU4_serv	BOBJ1	3.8333	After	Interior Girder 1	3.8333	0.95	1	1	1.859398
SU4_serv	BOBJ1	3.8333	After	Interior Girder 2	3.8333	0.95	1	1	1.962847
SU4_serv	BOBJ1	3.8333	After	Interior Girder 3	3.8333	0.95	1	1	1.946095
SU4_serv	BOBJ1	3.8333	After	Interior Girder 4	3.8333	0.95	1	1	1.956806
SU4_serv	BOBJ1	3.8333	After	Interior Girder 5	3.8333	0.95	1	1	1.871927
SU4_serv	BOBJ1	3.8333	After	Right Exterior Girder	3.8333	0.95	1	1	3.336986
SU4_serv	BOBJ1	5.75	Before	Left Exterior Girder	5.75	0.95	1	1	2.504261
SU4_serv	BOBJ1	5.75	Before	Interior Girder 1	5.75	0.95	1	1	1.371882
SU4_serv	BOBJ1	5.75	Before	Interior Girder 2	5.75	0.95	1	1	1.445394
SU4_serv	BOBJ1	5.75	Before	Interior Girder 3	5.75	0.95	1	1	1.43179
SU4_serv	BOBJ1	5.75	Before	Interior Girder 4	5.75	0.95	1	1	1.440684
SU4_serv	BOBJ1	5.75	Before	Interior Girder 5	5.75	0.95	1	1	1.38076
SU4_serv	BOBJ1	5.75	Before	Right Exterior Girder	5.75	0.95	1	1	2.504261
SU4_serv	BOBJ1	5.75	After	Left Exterior Girder	5.75	0.95	1	1	2.5057
SU4_serv	BOBJ1	5.75	After	Interior Girder 1	5.75	0.95	1	1	1.392042
SU4_serv	BOBJ1	5.75	After	Interior Girder 2	5.75	0.95	1	1	1.455926
SU4_serv	BOBJ1	5.75	After	Interior Girder 3	5.75	0.95	1	1	1.442889
SU4_serv	BOBJ1	5.75	After	Interior Girder 4	5.75	0.95	1	1	1.451241
SU4_serv	BOBJ1	5.75	After	Interior Girder 5	5.75	0.95	1	1	1.400566
SU4_serv	BOBJ1	5.75	After	Right Exterior Girder	5.75	0.95	1	1	2.5057
SU4_serv	BOBJ1	7.6667	Before	Left Exterior Girder	7.6667	0.95	1	1	2.128508
SU4_serv	BOBJ1	7.6667	Before	Interior Girder 1	7.6667	0.95	1	1	1.161027
SU4_serv	BOBJ1	7.6667	Before	Interior Girder 2	7.6667	0.95	1	1	1.213121
SU4_serv	BOBJ1	7.6667	Before	Interior Girder 3	7.6667	0.95	1	1	1.201621
SU4_serv	BOBJ1	7.6667	Before	Interior Girder 4	7.6667	0.95	1	1	1.209079
SU4_serv	BOBJ1	7.6667	Before	Interior Girder 5	7.6667	0.95	1	1	1.168166
SU4_serv	BOBJ1	7.6667	Before	Right Exterior Girder	7.6667	0.95	1	1	2.128508
SU4_serv	BOBJ1	7.6667	After	Left Exterior Girder	7.6667	0.95	1	1	2.129623
SU4_serv	BOBJ1	7.6667	After	Interior Girder 1	7.6667	0.95	1	1	1.16989
SU4_serv	BOBJ1	7.6667	After	Interior Girder 2	7.6667	0.95	1	1	1.217048
SU4_serv	BOBJ1	7.6667	After	Interior Girder 3	7.6667	0.95	1	1	1.205868
SU4_serv	BOBJ1	7.6667	After	Interior Girder 4	7.6667	0.95	1	1	1.213023
SU4_serv	BOBJ1	7.6667	After	Interior Girder 5	7.6667	0.95	1	1	1.176895
SU4_serv	BOBJ1	7.6667	After	Right Exterior Girder	7.6667	0.95	1	1	2.129623
SU4_serv	BOBJ1	9.5833	Before	Left Exterior Girder	9.5833	0.95	1	1	1.910588
SU4_serv	BOBJ1	9.5833	Before	Interior Girder 1	9.5833	0.95	1	1	1.044867
SU4_serv	BOBJ1	9.5833	Before	Interior Girder 2	9.5833	0.95	1	1	1.087681
SU4_serv	BOBJ1	9.5833	Before	Interior Girder 3	9.5833	0.95	1	1	1.077335
SU4_serv	BOBJ1	9.5833	Before	Interior Girder 4	9.5833	0.95	1	1	1.084011
SU4_serv	BOBJ1	9.5833	Before	Interior Girder 5	9.5833	0.95	1	1	1.050892
SU4_serv	BOBJ1	9.5833	Before	Right Exterior Girder	9.5833	0.95	1	1	1.910588
SU4_serv	BOBJ1	9.5833	After	Left Exterior Girder	9.5833	0.95	1	1	1.911038
SU4_serv	BOBJ1	9.5833	After	Interior Girder 1	9.5833	0.95	1	1	1.04937
SU4_serv	BOBJ1	9.5833	After	Interior Girder 2	9.5833	0.95	1	1	1.090043
SU4_serv	BOBJ1	9.5833	After	Interior Girder 3	9.5833	0.95	1	1	1.079822
SU4_serv	BOBJ1	9.5833	After	Interior Girder 4	9.5833	0.95	1	1	1.086374
SU4_serv	BOBJ1	9.5833	After	Interior Girder 5	9.5833	0.95	1	1	1.055324
SU4_serv	BOBJ1	9.5833	After	Right Exterior Girder	9.5833	0.95	1	1	1.911038
SU4_serv	BOBJ1	11.5	Before	Left Exterior Girder	11.5	0.95	1	1	1.865805
SU4_serv	BOBJ1	11.5	Before	Interior Girder 1	11.5	0.95	1	1	1.021145
SU4_serv	BOBJ1	11.5	Before	Interior Girder 2	11.5	0.95	1	1	1.060368
SU4_serv	BOBJ1	11.5	Before	Interior Girder 3	11.5	0.95	1	1	1.050351
SU4_serv	BOBJ1	11.5	Before	Interior Girder 4	11.5	0.95	1	1	1.056787
SU4_serv	BOBJ1	11.5	Before	Interior Girder 5	11.5	0.95	1	1	1.026935
SU4_serv	BOBJ1	11.5	Before	Right Exterior Girder	11.5	0.95	1	1	1.865805

TABLE: Bridge Super Rating AASHTORATE18 26 - SteelINonCompServ-Flx - Main Span Stringers									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
SU4_serv	BOBJ1	11.5	After	Left Exterior Girder	11.5	0.95	1	1	1.865858
SU4_serv	BOBJ1	11.5	After	Interior Girder 1	11.5	0.95	1	1	1.021136
SU4_serv	BOBJ1	11.5	After	Interior Girder 2	11.5	0.95	1	1	1.060373
SU4_serv	BOBJ1	11.5	After	Interior Girder 3	11.5	0.95	1	1	1.05035
SU4_serv	BOBJ1	11.5	After	Interior Girder 4	11.5	0.95	1	1	1.056791
SU4_serv	BOBJ1	11.5	After	Interior Girder 5	11.5	0.95	1	1	1.026925
SU4_serv	BOBJ1	11.5	After	Right Exterior Girder	11.5	0.95	1	1	1.865858
SU4_serv	BOBJ1	13.4167	Before	Left Exterior Girder	13.4167	0.95	1	1	1.911273
SU4_serv	BOBJ1	13.4167	Before	Interior Girder 1	13.4167	0.95	1	1	1.049723
SU4_serv	BOBJ1	13.4167	Before	Interior Girder 2	13.4167	0.95	1	1	1.090304
SU4_serv	BOBJ1	13.4167	Before	Interior Girder 3	13.4167	0.95	1	1	1.080073
SU4_serv	BOBJ1	13.4167	Before	Interior Girder 4	13.4167	0.95	1	1	1.086634
SU4_serv	BOBJ1	13.4167	Before	Interior Girder 5	13.4167	0.95	1	1	1.05568
SU4_serv	BOBJ1	13.4167	Before	Right Exterior Girder	13.4167	0.95	1	1	1.911273
SU4_serv	BOBJ1	13.4167	After	Left Exterior Girder	13.4167	0.95	1	1	1.910776
SU4_serv	BOBJ1	13.4167	After	Interior Girder 1	13.4167	0.95	1	1	1.045199
SU4_serv	BOBJ1	13.4167	After	Interior Girder 2	13.4167	0.95	1	1	1.087951
SU4_serv	BOBJ1	13.4167	After	Interior Girder 3	13.4167	0.95	1	1	1.077582
SU4_serv	BOBJ1	13.4167	After	Interior Girder 4	13.4167	0.95	1	1	1.084279
SU4_serv	BOBJ1	13.4167	After	Interior Girder 5	13.4167	0.95	1	1	1.051226
SU4_serv	BOBJ1	13.4167	After	Right Exterior Girder	13.4167	0.95	1	1	1.910776
SU4_serv	BOBJ1	15.3333	Before	Left Exterior Girder	15.3333	0.95	1	1	2.130167
SU4_serv	BOBJ1	15.3333	Before	Interior Girder 1	15.3333	0.95	1	1	1.170659
SU4_serv	BOBJ1	15.3333	Before	Interior Girder 2	15.3333	0.95	1	1	1.217621
SU4_serv	BOBJ1	15.3333	Before	Interior Girder 3	15.3333	0.95	1	1	1.206415
SU4_serv	BOBJ1	15.3333	Before	Interior Girder 4	15.3333	0.95	1	1	1.213595
SU4_serv	BOBJ1	15.3333	Before	Interior Girder 5	15.3333	0.95	1	1	1.177668
SU4_serv	BOBJ1	15.3333	Before	Right Exterior Girder	15.3333	0.95	1	1	2.130167
SU4_serv	BOBJ1	15.3333	After	Left Exterior Girder	15.3333	0.95	1	1	2.129032
SU4_serv	BOBJ1	15.3333	After	Interior Girder 1	15.3333	0.95	1	1	1.161772
SU4_serv	BOBJ1	15.3333	After	Interior Girder 2	15.3333	0.95	1	1	1.213701
SU4_serv	BOBJ1	15.3333	After	Interior Girder 3	15.3333	0.95	1	1	1.202164
SU4_serv	BOBJ1	15.3333	After	Interior Girder 4	15.3333	0.95	1	1	1.209658
SU4_serv	BOBJ1	15.3333	After	Interior Girder 5	15.3333	0.95	1	1	1.168915
SU4_serv	BOBJ1	15.3333	After	Right Exterior Girder	15.3333	0.95	1	1	2.129032
SU4_serv	BOBJ1	17.25	Before	Left Exterior Girder	17.25	0.95	1	1	2.506631
SU4_serv	BOBJ1	17.25	Before	Interior Girder 1	17.25	0.95	1	1	1.393385
SU4_serv	BOBJ1	17.25	Before	Interior Girder 2	17.25	0.95	1	1	1.456917
SU4_serv	BOBJ1	17.25	Before	Interior Girder 3	17.25	0.95	1	1	1.443839
SU4_serv	BOBJ1	17.25	Before	Interior Girder 4	17.25	0.95	1	1	1.452228
SU4_serv	BOBJ1	17.25	Before	Interior Girder 5	17.25	0.95	1	1	1.401917
SU4_serv	BOBJ1	17.25	Before	Right Exterior Girder	17.25	0.95	1	1	2.506631
SU4_serv	BOBJ1	17.25	After	Left Exterior Girder	17.25	0.95	1	1	2.505099
SU4_serv	BOBJ1	17.25	After	Interior Girder 1	17.25	0.95	1	1	1.373193
SU4_serv	BOBJ1	17.25	After	Interior Girder 2	17.25	0.95	1	1	1.446383
SU4_serv	BOBJ1	17.25	After	Interior Girder 3	17.25	0.95	1	1	1.432734
SU4_serv	BOBJ1	17.25	After	Interior Girder 4	17.25	0.95	1	1	1.44167
SU4_serv	BOBJ1	17.25	After	Interior Girder 5	17.25	0.95	1	1	1.382079
SU4_serv	BOBJ1	17.25	After	Right Exterior Girder	17.25	0.95	1	1	2.505099
SU4_serv	BOBJ1	19.1667	Before	Left Exterior Girder	19.1667	0.95	1	1	3.338421
SU4_serv	BOBJ1	19.1667	Before	Interior Girder 1	19.1667	0.95	1	1	1.861763
SU4_serv	BOBJ1	19.1667	Before	Interior Girder 2	19.1667	0.95	1	1	1.964525
SU4_serv	BOBJ1	19.1667	Before	Interior Girder 3	19.1667	0.95	1	1	1.947725
SU4_serv	BOBJ1	19.1667	Before	Interior Girder 4	19.1667	0.95	1	1	1.958479
SU4_serv	BOBJ1	19.1667	Before	Interior Girder 5	19.1667	0.95	1	1	1.874308
SU4_serv	BOBJ1	19.1667	Before	Right Exterior Girder	19.1667	0.95	1	1	3.338421
SU4_serv	BOBJ1	19.1667	After	Left Exterior Girder	19.1667	0.95	1	1	3.338071
SU4_serv	BOBJ1	19.1667	After	Interior Girder 1	19.1667	0.95	1	1	1.819761
SU4_serv	BOBJ1	19.1667	After	Interior Girder 2	19.1667	0.95	1	1	1.943196
SU4_serv	BOBJ1	19.1667	After	Interior Girder 3	19.1667	0.95	1	1	1.92542
SU4_serv	BOBJ1	19.1667	After	Interior Girder 4	19.1667	0.95	1	1	1.937101
SU4_serv	BOBJ1	19.1667	After	Interior Girder 5	19.1667	0.95	1	1	1.832988
SU4_serv	BOBJ1	19.1667	After	Right Exterior Girder	19.1667	0.95	1	1	3.33807
SU4_serv	BOBJ1	21.0833	Before	Left Exterior Girder	21.0833	0.95	1	1	6.020691
SU4_serv	BOBJ1	21.0833	Before	Interior Girder 1	21.0833	0.95	1	1	3.392146
SU4_serv	BOBJ1	21.0833	Before	Interior Girder 2	21.0833	0.95	1	1	3.615156
SU4_serv	BOBJ1	21.0833	Before	Interior Girder 3	21.0833	0.95	1	1	3.589204
SU4_serv	BOBJ1	21.0833	Before	Interior Girder 4	21.0833	0.95	1	1	3.605674

TABLE: Bridge Super Rating AASHTORATE18 26 - SteelINonCompServ-Flx - Main Span Stringers									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
SU4_serv	BOBJ1	21.0833	Before	Interior Girder 5	21.0833	0.95	1	1	3.417988
SU4_serv	BOBJ1	21.0833	Before	Right Exterior Girder	21.0833	0.95	1	1	6.020691
SU4_serv	BOBJ1	21.0833	After	Left Exterior Girder	21.0833	0.95	1	1	6.013292
SU4_serv	BOBJ1	21.0833	After	Interior Girder 1	21.0833	0.95	1	1	3.245007
SU4_serv	BOBJ1	21.0833	After	Interior Girder 2	21.0833	0.95	1	1	3.524482
SU4_serv	BOBJ1	21.0833	After	Interior Girder 3	21.0833	0.95	1	1	3.502239
SU4_serv	BOBJ1	21.0833	After	Interior Girder 4	21.0833	0.95	1	1	3.51478
SU4_serv	BOBJ1	21.0833	After	Interior Girder 5	21.0833	0.95	1	1	3.272705
SU4_serv	BOBJ1	21.0833	After	Right Exterior Girder	21.0833	0.95	1	1	6.013292
SU4_serv	BOBJ1	23	Before	Left Exterior Girder	23	0.95	1	1	153.212791
SU4_serv	BOBJ1	23	Before	Interior Girder 1	23	0.95	1	1	95.568958
SU4_serv	BOBJ1	23	Before	Interior Girder 2	23	0.95	1	1	110.528364
SU4_serv	BOBJ1	23	Before	Interior Girder 3	23	0.95	1	1	119.266447
SU4_serv	BOBJ1	23	Before	Interior Girder 4	23	0.95	1	1	109.538657
SU4_serv	BOBJ1	23	Before	Interior Girder 5	23	0.95	1	1	95.568956
SU4_serv	BOBJ1	23	Before	Right Exterior Girder	23	0.95	1	1	154.573302
SU5_serv	BOBJ1	0	After	Left Exterior Girder	0	0.95	1	1	143.926363
SU5_serv	BOBJ1	0	After	Interior Girder 1	0	0.95	1	1	90.806364
SU5_serv	BOBJ1	0	After	Interior Girder 2	0	0.95	1	1	104.506648
SU5_serv	BOBJ1	0	After	Interior Girder 3	0	0.95	1	1	112.624639
SU5_serv	BOBJ1	0	After	Interior Girder 4	0	0.95	1	1	103.574976
SU5_serv	BOBJ1	0	After	Interior Girder 5	0	0.95	1	1	90.806377
SU5_serv	BOBJ1	0	After	Right Exterior Girder	0	0.95	1	1	145.188388
SU5_serv	BOBJ1	1.9167	Before	Left Exterior Girder	1.9167	0.95	1	1	5.74884
SU5_serv	BOBJ1	1.9167	Before	Interior Girder 1	1.9167	0.95	1	1	3.1091
SU5_serv	BOBJ1	1.9167	Before	Interior Girder 2	1.9167	0.95	1	1	3.37174
SU5_serv	BOBJ1	1.9167	Before	Interior Girder 3	1.9167	0.95	1	1	3.349747
SU5_serv	BOBJ1	1.9167	Before	Interior Girder 4	1.9167	0.95	1	1	3.362297
SU5_serv	BOBJ1	1.9167	Before	Interior Girder 5	1.9167	0.95	1	1	3.135173
SU5_serv	BOBJ1	1.9167	Before	Right Exterior Girder	1.9167	0.95	1	1	5.748839
SU5_serv	BOBJ1	1.9167	After	Left Exterior Girder	1.9167	0.95	1	1	5.756893
SU5_serv	BOBJ1	1.9167	After	Interior Girder 1	1.9167	0.95	1	1	3.2534
SU5_serv	BOBJ1	1.9167	After	Interior Girder 2	1.9167	0.95	1	1	3.460166
SU5_serv	BOBJ1	1.9167	After	Interior Girder 3	1.9167	0.95	1	1	3.434964
SU5_serv	BOBJ1	1.9167	After	Interior Girder 4	1.9167	0.95	1	1	3.450949
SU5_serv	BOBJ1	1.9167	After	Interior Girder 5	1.9167	0.95	1	1	3.277626
SU5_serv	BOBJ1	1.9167	After	Right Exterior Girder	1.9167	0.95	1	1	5.756893
SU5_serv	BOBJ1	3.8333	Before	Left Exterior Girder	3.8333	0.95	1	1	3.137532
SU5_serv	BOBJ1	3.8333	Before	Interior Girder 1	3.8333	0.95	1	1	1.71983
SU5_serv	BOBJ1	3.8333	Before	Interior Girder 2	3.8333	0.95	1	1	1.830748
SU5_serv	BOBJ1	3.8333	Before	Interior Girder 3	3.8333	0.95	1	1	1.813991
SU5_serv	BOBJ1	3.8333	Before	Interior Girder 4	3.8333	0.95	1	1	1.824999
SU5_serv	BOBJ1	3.8333	Before	Interior Girder 5	3.8333	0.95	1	1	1.731998
SU5_serv	BOBJ1	3.8333	Before	Right Exterior Girder	3.8333	0.95	1	1	3.137532
SU5_serv	BOBJ1	3.8333	After	Left Exterior Girder	3.8333	0.95	1	1	3.138301
SU5_serv	BOBJ1	3.8333	After	Interior Girder 1	3.8333	0.95	1	1	1.760768
SU5_serv	BOBJ1	3.8333	After	Interior Girder 2	3.8333	0.95	1	1	1.851589
SU5_serv	BOBJ1	3.8333	After	Interior Girder 3	3.8333	0.95	1	1	1.835808
SU5_serv	BOBJ1	3.8333	After	Interior Girder 4	3.8333	0.95	1	1	1.84589
SU5_serv	BOBJ1	3.8333	After	Interior Girder 5	3.8333	0.95	1	1	1.772261
SU5_serv	BOBJ1	3.8333	After	Right Exterior Girder	3.8333	0.95	1	1	3.138301
SU5_serv	BOBJ1	5.75	Before	Left Exterior Girder	5.75	0.95	1	1	2.338417
SU5_serv	BOBJ1	5.75	Before	Interior Girder 1	5.75	0.95	1	1	1.28761
SU5_serv	BOBJ1	5.75	Before	Interior Girder 2	5.75	0.95	1	1	1.351734
SU5_serv	BOBJ1	5.75	Before	Interior Girder 3	5.75	0.95	1	1	1.338863
SU5_serv	BOBJ1	5.75	Before	Interior Girder 4	5.75	0.95	1	1	1.347245
SU5_serv	BOBJ1	5.75	Before	Interior Girder 5	5.75	0.95	1	1	1.295617
SU5_serv	BOBJ1	5.75	Before	Right Exterior Girder	5.75	0.95	1	1	2.338417
SU5_serv	BOBJ1	5.75	After	Left Exterior Girder	5.75	0.95	1	1	2.339932
SU5_serv	BOBJ1	5.75	After	Interior Girder 1	5.75	0.95	1	1	1.307374
SU5_serv	BOBJ1	5.75	After	Interior Girder 2	5.75	0.95	1	1	1.362067
SU5_serv	BOBJ1	5.75	After	Interior Girder 3	5.75	0.95	1	1	1.349764
SU5_serv	BOBJ1	5.75	After	Interior Girder 4	5.75	0.95	1	1	1.357603
SU5_serv	BOBJ1	5.75	After	Interior Girder 5	5.75	0.95	1	1	1.315033
SU5_serv	BOBJ1	5.75	After	Right Exterior Girder	5.75	0.95	1	1	2.339932
SU5_serv	BOBJ1	7.6667	Before	Left Exterior Girder	7.6667	0.95	1	1	2.023505
SU5_serv	BOBJ1	7.6667	Before	Interior Girder 1	7.6667	0.95	1	1	1.110927
SU5_serv	BOBJ1	7.6667	Before	Interior Girder 2	7.6667	0.95	1	1	1.155991

TABLE: Bridge Super Rating AASHTORATE18 26 - SteelINonCompServ-Flx - Main Span Stringers									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
SU5_serv	BOBJ1	7.6667	Before	Interior Girder 3	7.6667	0.95	1	1	1.144237
SU5_serv	BOBJ1	7.6667	Before	Interior Girder 4	7.6667	0.95	1	1	1.152068
SU5_serv	BOBJ1	7.6667	Before	Interior Girder 5	7.6667	0.95	1	1	1.11728
SU5_serv	BOBJ1	7.6667	Before	Right Exterior Girder	7.6667	0.95	1	1	2.023505
SU5_serv	BOBJ1	7.6667	After	Left Exterior Girder	7.6667	0.95	1	1	2.024589
SU5_serv	BOBJ1	7.6667	After	Interior Girder 1	7.6667	0.95	1	1	1.118462
SU5_serv	BOBJ1	7.6667	After	Interior Girder 2	7.6667	0.95	1	1	1.158582
SU5_serv	BOBJ1	7.6667	After	Interior Girder 3	7.6667	0.95	1	1	1.147515
SU5_serv	BOBJ1	7.6667	After	Interior Girder 4	7.6667	0.95	1	1	1.154691
SU5_serv	BOBJ1	7.6667	After	Interior Girder 5	7.6667	0.95	1	1	1.124561
SU5_serv	BOBJ1	7.6667	After	Right Exterior Girder	7.6667	0.95	1	1	2.024589
SU5_serv	BOBJ1	9.5833	Before	Left Exterior Girder	9.5833	0.95	1	1	1.795746
SU5_serv	BOBJ1	9.5833	Before	Interior Girder 1	9.5833	0.95	1	1	0.983757
SU5_serv	BOBJ1	9.5833	Before	Interior Girder 2	9.5833	0.95	1	1	1.02248
SU5_serv	BOBJ1	9.5833	Before	Interior Girder 3	9.5833	0.95	1	1	1.01257
SU5_serv	BOBJ1	9.5833	Before	Interior Girder 4	9.5833	0.95	1	1	1.018961
SU5_serv	BOBJ1	9.5833	Before	Interior Girder 5	9.5833	0.95	1	1	0.989295
SU5_serv	BOBJ1	9.5833	Before	Right Exterior Girder	9.5833	0.95	1	1	1.795746
SU5_serv	BOBJ1	9.5833	After	Left Exterior Girder	9.5833	0.95	1	1	1.796194
SU5_serv	BOBJ1	9.5833	After	Interior Girder 1	9.5833	0.95	1	1	0.986071
SU5_serv	BOBJ1	9.5833	After	Interior Girder 2	9.5833	0.95	1	1	1.02387
SU5_serv	BOBJ1	9.5833	After	Interior Girder 3	9.5833	0.95	1	1	1.014104
SU5_serv	BOBJ1	9.5833	After	Interior Girder 4	9.5833	0.95	1	1	1.020363
SU5_serv	BOBJ1	9.5833	After	Interior Girder 5	9.5833	0.95	1	1	0.991603
SU5_serv	BOBJ1	9.5833	After	Right Exterior Girder	9.5833	0.95	1	1	1.796194
SU5_serv	BOBJ1	11.5	Before	Left Exterior Girder	11.5	0.95	1	1	1.739197
SU5_serv	BOBJ1	11.5	Before	Interior Girder 1	11.5	0.95	1	1	0.953488
SU5_serv	BOBJ1	11.5	Before	Interior Girder 2	11.5	0.95	1	1	0.988683
SU5_serv	BOBJ1	11.5	Before	Interior Girder 3	11.5	0.95	1	1	0.979159
SU5_serv	BOBJ1	11.5	Before	Interior Girder 4	11.5	0.95	1	1	0.985269
SU5_serv	BOBJ1	11.5	Before	Interior Girder 5	11.5	0.95	1	1	0.958752
SU5_serv	BOBJ1	11.5	Before	Right Exterior Girder	11.5	0.95	1	1	1.739197
SU5_serv	BOBJ1	11.5	After	Left Exterior Girder	11.5	0.95	1	1	1.739256
SU5_serv	BOBJ1	11.5	After	Interior Girder 1	11.5	0.95	1	1	0.953479
SU5_serv	BOBJ1	11.5	After	Interior Girder 2	11.5	0.95	1	1	0.988688
SU5_serv	BOBJ1	11.5	After	Interior Girder 3	11.5	0.95	1	1	0.979158
SU5_serv	BOBJ1	11.5	After	Interior Girder 4	11.5	0.95	1	1	0.985274
SU5_serv	BOBJ1	11.5	After	Interior Girder 5	11.5	0.95	1	1	0.958743
SU5_serv	BOBJ1	11.5	After	Right Exterior Girder	11.5	0.95	1	1	1.739256
SU5_serv	BOBJ1	13.4167	Before	Left Exterior Girder	13.4167	0.95	1	1	1.796415
SU5_serv	BOBJ1	13.4167	Before	Interior Girder 1	13.4167	0.95	1	1	0.986403
SU5_serv	BOBJ1	13.4167	Before	Interior Girder 2	13.4167	0.95	1	1	1.024115
SU5_serv	BOBJ1	13.4167	Before	Interior Girder 3	13.4167	0.95	1	1	1.014339
SU5_serv	BOBJ1	13.4167	Before	Interior Girder 4	13.4167	0.95	1	1	1.020607
SU5_serv	BOBJ1	13.4167	Before	Interior Girder 5	13.4167	0.95	1	1	0.991937
SU5_serv	BOBJ1	13.4167	Before	Right Exterior Girder	13.4167	0.95	1	1	1.796415
SU5_serv	BOBJ1	13.4167	After	Left Exterior Girder	13.4167	0.95	1	1	1.795958
SU5_serv	BOBJ1	13.4167	After	Interior Girder 1	13.4167	0.95	1	1	0.98407
SU5_serv	BOBJ1	13.4167	After	Interior Girder 2	13.4167	0.95	1	1	1.022734
SU5_serv	BOBJ1	13.4167	After	Interior Girder 3	13.4167	0.95	1	1	1.012802
SU5_serv	BOBJ1	13.4167	After	Interior Girder 4	13.4167	0.95	1	1	1.019214
SU5_serv	BOBJ1	13.4167	After	Interior Girder 5	13.4167	0.95	1	1	0.98961
SU5_serv	BOBJ1	13.4167	After	Right Exterior Girder	13.4167	0.95	1	1	1.795958
SU5_serv	BOBJ1	15.3333	Before	Left Exterior Girder	15.3333	0.95	1	1	2.025105
SU5_serv	BOBJ1	15.3333	Before	Interior Girder 1	15.3333	0.95	1	1	1.119197
SU5_serv	BOBJ1	15.3333	Before	Interior Girder 2	15.3333	0.95	1	1	1.159128
SU5_serv	BOBJ1	15.3333	Before	Interior Girder 3	15.3333	0.95	1	1	1.148035
SU5_serv	BOBJ1	15.3333	Before	Interior Girder 4	15.3333	0.95	1	1	1.155235
SU5_serv	BOBJ1	15.3333	Before	Interior Girder 5	15.3333	0.95	1	1	1.1253
SU5_serv	BOBJ1	15.3333	Before	Right Exterior Girder	15.3333	0.95	1	1	2.025105
SU5_serv	BOBJ1	15.3333	After	Left Exterior Girder	15.3333	0.95	1	1	2.024003
SU5_serv	BOBJ1	15.3333	After	Interior Girder 1	15.3333	0.95	1	1	1.111639
SU5_serv	BOBJ1	15.3333	After	Interior Girder 2	15.3333	0.95	1	1	1.156544
SU5_serv	BOBJ1	15.3333	After	Interior Girder 3	15.3333	0.95	1	1	1.144754
SU5_serv	BOBJ1	15.3333	After	Interior Girder 4	15.3333	0.95	1	1	1.152619
SU5_serv	BOBJ1	15.3333	After	Interior Girder 5	15.3333	0.95	1	1	1.117997
SU5_serv	BOBJ1	15.3333	After	Right Exterior Girder	15.3333	0.95	1	1	2.024003
SU5_serv	BOBJ1	17.25	Before	Left Exterior Girder	17.25	0.95	1	1	2.340799

TABLE: Bridge Super Rating AASHTORATE18 26 - SteelINonCompServ-Flx - Main Span Stringers									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
SU5_serv	BOBJ1	17.25	Before	Interior Girder 1	17.25	0.95	1	1	1.308635
SU5_serv	BOBJ1	17.25	Before	Interior Girder 2	17.25	0.95	1	1	1.362993
SU5_serv	BOBJ1	17.25	Before	Interior Girder 3	17.25	0.95	1	1	1.350653
SU5_serv	BOBJ1	17.25	Before	Interior Girder 4	17.25	0.95	1	1	1.358526
SU5_serv	BOBJ1	17.25	Before	Interior Girder 5	17.25	0.95	1	1	1.316302
SU5_serv	BOBJ1	17.25	Before	Right Exterior Girder	17.25	0.95	1	1	2.340799
SU5_serv	BOBJ1	17.25	After	Left Exterior Girder	17.25	0.95	1	1	2.339203
SU5_serv	BOBJ1	17.25	After	Interior Girder 1	17.25	0.95	1	1	1.288841
SU5_serv	BOBJ1	17.25	After	Interior Girder 2	17.25	0.95	1	1	1.352659
SU5_serv	BOBJ1	17.25	After	Interior Girder 3	17.25	0.95	1	1	1.339746
SU5_serv	BOBJ1	17.25	After	Interior Girder 4	17.25	0.95	1	1	1.348167
SU5_serv	BOBJ1	17.25	After	Interior Girder 5	17.25	0.95	1	1	1.296855
SU5_serv	BOBJ1	17.25	After	Right Exterior Girder	17.25	0.95	1	1	2.339203
SU5_serv	BOBJ1	19.1667	Before	Left Exterior Girder	19.1667	0.95	1	1	3.139651
SU5_serv	BOBJ1	19.1667	Before	Interior Girder 1	19.1667	0.95	1	1	1.763008
SU5_serv	BOBJ1	19.1667	Before	Interior Girder 2	19.1667	0.95	1	1	1.853172
SU5_serv	BOBJ1	19.1667	Before	Interior Girder 3	19.1667	0.95	1	1	1.837346
SU5_serv	BOBJ1	19.1667	Before	Interior Girder 4	19.1667	0.95	1	1	1.847468
SU5_serv	BOBJ1	19.1667	Before	Interior Girder 5	19.1667	0.95	1	1	1.774515
SU5_serv	BOBJ1	19.1667	Before	Right Exterior Girder	19.1667	0.95	1	1	3.139651
SU5_serv	BOBJ1	19.1667	After	Left Exterior Girder	19.1667	0.95	1	1	3.138878
SU5_serv	BOBJ1	19.1667	After	Interior Girder 1	19.1667	0.95	1	1	1.722018
SU5_serv	BOBJ1	19.1667	After	Interior Girder 2	19.1667	0.95	1	1	1.832314
SU5_serv	BOBJ1	19.1667	After	Interior Girder 3	19.1667	0.95	1	1	1.815515
SU5_serv	BOBJ1	19.1667	After	Interior Girder 4	19.1667	0.95	1	1	1.82656
SU5_serv	BOBJ1	19.1667	After	Interior Girder 5	19.1667	0.95	1	1	1.734201
SU5_serv	BOBJ1	19.1667	After	Right Exterior Girder	19.1667	0.95	1	1	3.138878
SU5_serv	BOBJ1	21.0833	Before	Left Exterior Girder	21.0833	0.95	1	1	5.759813
SU5_serv	BOBJ1	21.0833	Before	Interior Girder 1	21.0833	0.95	1	1	3.258324
SU5_serv	BOBJ1	21.0833	Before	Interior Girder 2	21.0833	0.95	1	1	3.463661
SU5_serv	BOBJ1	21.0833	Before	Interior Girder 3	21.0833	0.95	1	1	3.438422
SU5_serv	BOBJ1	21.0833	Before	Interior Girder 4	21.0833	0.95	1	1	3.454435
SU5_serv	BOBJ1	21.0833	Before	Interior Girder 5	21.0833	0.95	1	1	3.282586
SU5_serv	BOBJ1	21.0833	Before	Right Exterior Girder	21.0833	0.95	1	1	5.759813
SU5_serv	BOBJ1	21.0833	After	Left Exterior Girder	21.0833	0.95	1	1	5.751904
SU5_serv	BOBJ1	21.0833	After	Interior Girder 1	21.0833	0.95	1	1	3.113809
SU5_serv	BOBJ1	21.0833	After	Interior Girder 2	21.0833	0.95	1	1	3.375129
SU5_serv	BOBJ1	21.0833	After	Interior Girder 3	21.0833	0.95	1	1	3.353131
SU5_serv	BOBJ1	21.0833	After	Interior Girder 4	21.0833	0.95	1	1	3.365677
SU5_serv	BOBJ1	21.0833	After	Interior Girder 5	21.0833	0.95	1	1	3.13992
SU5_serv	BOBJ1	21.0833	After	Right Exterior Girder	21.0833	0.95	1	1	5.751904
SU5_serv	BOBJ1	23	Before	Left Exterior Girder	23	0.95	1	1	143.977505
SU5_serv	BOBJ1	23	Before	Interior Girder 1	23	0.95	1	1	90.616776
SU5_serv	BOBJ1	23	Before	Interior Girder 2	23	0.95	1	1	104.398518
SU5_serv	BOBJ1	23	Before	Interior Girder 3	23	0.95	1	1	112.507278
SU5_serv	BOBJ1	23	Before	Interior Girder 4	23	0.95	1	1	103.46781
SU5_serv	BOBJ1	23	Before	Interior Girder 5	23	0.95	1	1	90.616775
SU5_serv	BOBJ1	23	Before	Right Exterior Girder	23	0.95	1	1	145.239963
SU6_serv	BOBJ1	0	After	Left Exterior Girder	0	0.95	1	1	135.241424
SU6_serv	BOBJ1	0	After	Interior Girder 1	0	0.95	1	1	85.739701
SU6_serv	BOBJ1	0	After	Interior Girder 2	0	0.95	1	1	98.724511
SU6_serv	BOBJ1	0	After	Interior Girder 3	0	0.95	1	1	105.839593
SU6_serv	BOBJ1	0	After	Interior Girder 4	0	0.95	1	1	97.732568
SU6_serv	BOBJ1	0	After	Interior Girder 5	0	0.95	1	1	85.739713
SU6_serv	BOBJ1	0	After	Right Exterior Girder	0	0.95	1	1	136.370791
SU6_serv	BOBJ1	1.9167	Before	Left Exterior Girder	1.9167	0.95	1	1	5.74884
SU6_serv	BOBJ1	1.9167	Before	Interior Girder 1	1.9167	0.95	1	1	3.1091
SU6_serv	BOBJ1	1.9167	Before	Interior Girder 2	1.9167	0.95	1	1	3.361285
SU6_serv	BOBJ1	1.9167	Before	Interior Girder 3	1.9167	0.95	1	1	3.346597
SU6_serv	BOBJ1	1.9167	Before	Interior Girder 4	1.9167	0.95	1	1	3.351901
SU6_serv	BOBJ1	1.9167	Before	Interior Girder 5	1.9167	0.95	1	1	3.135173
SU6_serv	BOBJ1	1.9167	Before	Right Exterior Girder	1.9167	0.95	1	1	5.748839
SU6_serv	BOBJ1	1.9167	After	Left Exterior Girder	1.9167	0.95	1	1	5.756893
SU6_serv	BOBJ1	1.9167	After	Interior Girder 1	1.9167	0.95	1	1	3.2534
SU6_serv	BOBJ1	1.9167	After	Interior Girder 2	1.9167	0.95	1	1	3.443163
SU6_serv	BOBJ1	1.9167	After	Interior Girder 3	1.9167	0.95	1	1	3.43191
SU6_serv	BOBJ1	1.9167	After	Interior Girder 4	1.9167	0.95	1	1	3.434036
SU6_serv	BOBJ1	1.9167	After	Interior Girder 5	1.9167	0.95	1	1	3.277626

TABLE: Bridge Super Rating AASHTORATE18 26 - SteelINonCompServ-Flx - Main Span Stringers									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
SU6_serv	BOBJ1	1.9167	After	Right Exterior Girder	1.9167	0.95	1	1	5.756893
SU6_serv	BOBJ1	3.8333	Before	Left Exterior Girder	3.8333	0.95	1	1	3.137532
SU6_serv	BOBJ1	3.8333	Before	Interior Girder 1	3.8333	0.95	1	1	1.71983
SU6_serv	BOBJ1	3.8333	Before	Interior Girder 2	3.8333	0.95	1	1	1.830583
SU6_serv	BOBJ1	3.8333	Before	Interior Girder 3	3.8333	0.95	1	1	1.813991
SU6_serv	BOBJ1	3.8333	Before	Interior Girder 4	3.8333	0.95	1	1	1.824835
SU6_serv	BOBJ1	3.8333	Before	Interior Girder 5	3.8333	0.95	1	1	1.731998
SU6_serv	BOBJ1	3.8333	Before	Right Exterior Girder	3.8333	0.95	1	1	3.137532
SU6_serv	BOBJ1	3.8333	After	Left Exterior Girder	3.8333	0.95	1	1	3.138301
SU6_serv	BOBJ1	3.8333	After	Interior Girder 1	3.8333	0.95	1	1	1.760768
SU6_serv	BOBJ1	3.8333	After	Interior Girder 2	3.8333	0.95	1	1	1.850326
SU6_serv	BOBJ1	3.8333	After	Interior Girder 3	3.8333	0.95	1	1	1.835808
SU6_serv	BOBJ1	3.8333	After	Interior Girder 4	3.8333	0.95	1	1	1.844635
SU6_serv	BOBJ1	3.8333	After	Interior Girder 5	3.8333	0.95	1	1	1.772261
SU6_serv	BOBJ1	3.8333	After	Right Exterior Girder	3.8333	0.95	1	1	3.138301
SU6_serv	BOBJ1	5.75	Before	Left Exterior Girder	5.75	0.95	1	1	2.194693
SU6_serv	BOBJ1	5.75	Before	Interior Girder 1	5.75	0.95	1	1	1.204027
SU6_serv	BOBJ1	5.75	Before	Interior Girder 2	5.75	0.95	1	1	1.265552
SU6_serv	BOBJ1	5.75	Before	Interior Girder 3	5.75	0.95	1	1	1.253104
SU6_serv	BOBJ1	5.75	Before	Interior Girder 4	5.75	0.95	1	1	1.261211
SU6_serv	BOBJ1	5.75	Before	Interior Girder 5	5.75	0.95	1	1	1.211516
SU6_serv	BOBJ1	5.75	Before	Right Exterior Girder	5.75	0.95	1	1	2.194693
SU6_serv	BOBJ1	5.75	After	Left Exterior Girder	5.75	0.95	1	1	2.19594
SU6_serv	BOBJ1	5.75	After	Interior Girder 1	5.75	0.95	1	1	1.221242
SU6_serv	BOBJ1	5.75	After	Interior Girder 2	5.75	0.95	1	1	1.274586
SU6_serv	BOBJ1	5.75	After	Interior Girder 3	5.75	0.95	1	1	1.262673
SU6_serv	BOBJ1	5.75	After	Interior Girder 4	5.75	0.95	1	1	1.27027
SU6_serv	BOBJ1	5.75	After	Interior Girder 5	5.75	0.95	1	1	1.228438
SU6_serv	BOBJ1	5.75	After	Right Exterior Girder	5.75	0.95	1	1	2.19594
SU6_serv	BOBJ1	7.6667	Before	Left Exterior Girder	7.6667	0.95	1	1	1.825336
SU6_serv	BOBJ1	7.6667	Before	Interior Girder 1	7.6667	0.95	1	1	1.002986
SU6_serv	BOBJ1	7.6667	Before	Interior Girder 2	7.6667	0.95	1	1	1.045114
SU6_serv	BOBJ1	7.6667	Before	Interior Girder 3	7.6667	0.95	1	1	1.034863
SU6_serv	BOBJ1	7.6667	Before	Interior Girder 4	7.6667	0.95	1	1	1.041484
SU6_serv	BOBJ1	7.6667	Before	Interior Girder 5	7.6667	0.95	1	1	1.00873
SU6_serv	BOBJ1	7.6667	Before	Right Exterior Girder	7.6667	0.95	1	1	1.825336
SU6_serv	BOBJ1	7.6667	After	Left Exterior Girder	7.6667	0.95	1	1	1.826271
SU6_serv	BOBJ1	7.6667	After	Interior Girder 1	7.6667	0.95	1	1	1.012081
SU6_serv	BOBJ1	7.6667	After	Interior Girder 2	7.6667	0.95	1	1	1.049884
SU6_serv	BOBJ1	7.6667	After	Interior Girder 3	7.6667	0.95	1	1	1.039917
SU6_serv	BOBJ1	7.6667	After	Interior Girder 4	7.6667	0.95	1	1	1.046268
SU6_serv	BOBJ1	7.6667	After	Interior Girder 5	7.6667	0.95	1	1	1.017674
SU6_serv	BOBJ1	7.6667	After	Right Exterior Girder	7.6667	0.95	1	1	1.826271
SU6_serv	BOBJ1	9.5833	Before	Left Exterior Girder	9.5833	0.95	1	1	1.683501
SU6_serv	BOBJ1	9.5833	Before	Interior Girder 1	9.5833	0.95	1	1	0.92248
SU6_serv	BOBJ1	9.5833	Before	Interior Girder 2	9.5833	0.95	1	1	0.957668
SU6_serv	BOBJ1	9.5833	Before	Interior Girder 3	9.5833	0.95	1	1	0.948181
SU6_serv	BOBJ1	9.5833	Before	Interior Girder 4	9.5833	0.95	1	1	0.954274
SU6_serv	BOBJ1	9.5833	Before	Interior Girder 5	9.5833	0.95	1	1	0.927538
SU6_serv	BOBJ1	9.5833	Before	Right Exterior Girder	9.5833	0.95	1	1	1.683501
SU6_serv	BOBJ1	9.5833	After	Left Exterior Girder	9.5833	0.95	1	1	1.683883
SU6_serv	BOBJ1	9.5833	After	Interior Girder 1	9.5833	0.95	1	1	0.926793
SU6_serv	BOBJ1	9.5833	After	Interior Girder 2	9.5833	0.95	1	1	0.959898
SU6_serv	BOBJ1	9.5833	After	Interior Girder 3	9.5833	0.95	1	1	0.950534
SU6_serv	BOBJ1	9.5833	After	Interior Girder 4	9.5833	0.95	1	1	0.956506
SU6_serv	BOBJ1	9.5833	After	Interior Girder 5	9.5833	0.95	1	1	0.931781
SU6_serv	BOBJ1	9.5833	After	Right Exterior Girder	9.5833	0.95	1	1	1.683883
SU6_serv	BOBJ1	11.5	Before	Left Exterior Girder	11.5	0.95	1	1	1.628652
SU6_serv	BOBJ1	11.5	Before	Interior Girder 1	11.5	0.95	1	1	0.893659
SU6_serv	BOBJ1	11.5	Before	Interior Girder 2	11.5	0.95	1	1	0.925433
SU6_serv	BOBJ1	11.5	Before	Interior Girder 3	11.5	0.95	1	1	0.916376
SU6_serv	BOBJ1	11.5	Before	Interior Girder 4	11.5	0.95	1	1	0.922175
SU6_serv	BOBJ1	11.5	Before	Interior Girder 5	11.5	0.95	1	1	0.898497
SU6_serv	BOBJ1	11.5	Before	Right Exterior Girder	11.5	0.95	1	1	1.628652
SU6_serv	BOBJ1	11.5	After	Left Exterior Girder	11.5	0.95	1	1	1.628693
SU6_serv	BOBJ1	11.5	After	Interior Girder 1	11.5	0.95	1	1	0.893651
SU6_serv	BOBJ1	11.5	After	Interior Girder 2	11.5	0.95	1	1	0.925437
SU6_serv	BOBJ1	11.5	After	Interior Girder 3	11.5	0.95	1	1	0.916375

TABLE: Bridge Super Rating AASHTORATE18 26 - SteelINonCompServ-Flx - Main Span Stringers									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
SU6_serv	BOBJ1	11.5	After	Interior Girder 4	11.5	0.95	1	1	0.922179
SU6_serv	BOBJ1	11.5	After	Interior Girder 5	11.5	0.95	1	1	0.898488
SU6_serv	BOBJ1	11.5	After	Right Exterior Girder	11.5	0.95	1	1	1.628693
SU6_serv	BOBJ1	13.4167	Before	Left Exterior Girder	13.4167	0.95	1	1	1.684091
SU6_serv	BOBJ1	13.4167	Before	Interior Girder 1	13.4167	0.95	1	1	0.927105
SU6_serv	BOBJ1	13.4167	Before	Interior Girder 2	13.4167	0.95	1	1	0.960127
SU6_serv	BOBJ1	13.4167	Before	Interior Girder 3	13.4167	0.95	1	1	0.950755
SU6_serv	BOBJ1	13.4167	Before	Interior Girder 4	13.4167	0.95	1	1	0.956735
SU6_serv	BOBJ1	13.4167	Before	Interior Girder 5	13.4167	0.95	1	1	0.932095
SU6_serv	BOBJ1	13.4167	Before	Right Exterior Girder	13.4167	0.95	1	1	1.68409
SU6_serv	BOBJ1	13.4167	After	Left Exterior Girder	13.4167	0.95	1	1	1.683674
SU6_serv	BOBJ1	13.4167	After	Interior Girder 1	13.4167	0.95	1	1	0.922773
SU6_serv	BOBJ1	13.4167	After	Interior Girder 2	13.4167	0.95	1	1	0.957905
SU6_serv	BOBJ1	13.4167	After	Interior Girder 3	13.4167	0.95	1	1	0.948399
SU6_serv	BOBJ1	13.4167	After	Interior Girder 4	13.4167	0.95	1	1	0.95451
SU6_serv	BOBJ1	13.4167	After	Interior Girder 5	13.4167	0.95	1	1	0.927833
SU6_serv	BOBJ1	13.4167	After	Right Exterior Girder	13.4167	0.95	1	1	1.683674
SU6_serv	BOBJ1	15.3333	Before	Left Exterior Girder	15.3333	0.95	1	1	1.826734
SU6_serv	BOBJ1	15.3333	Before	Interior Girder 1	15.3333	0.95	1	1	1.012746
SU6_serv	BOBJ1	15.3333	Before	Interior Girder 2	15.3333	0.95	1	1	1.050379
SU6_serv	BOBJ1	15.3333	Before	Interior Girder 3	15.3333	0.95	1	1	1.040388
SU6_serv	BOBJ1	15.3333	Before	Interior Girder 4	15.3333	0.95	1	1	1.046761
SU6_serv	BOBJ1	15.3333	Before	Interior Girder 5	15.3333	0.95	1	1	1.018343
SU6_serv	BOBJ1	15.3333	Before	Right Exterior Girder	15.3333	0.95	1	1	1.826734
SU6_serv	BOBJ1	15.3333	After	Left Exterior Girder	15.3333	0.95	1	1	1.825787
SU6_serv	BOBJ1	15.3333	After	Interior Girder 1	15.3333	0.95	1	1	1.003629
SU6_serv	BOBJ1	15.3333	After	Interior Girder 2	15.3333	0.95	1	1	1.045614
SU6_serv	BOBJ1	15.3333	After	Interior Girder 3	15.3333	0.95	1	1	1.03533
SU6_serv	BOBJ1	15.3333	After	Interior Girder 4	15.3333	0.95	1	1	1.041983
SU6_serv	BOBJ1	15.3333	After	Interior Girder 5	15.3333	0.95	1	1	1.009377
SU6_serv	BOBJ1	15.3333	After	Right Exterior Girder	15.3333	0.95	1	1	1.825787
SU6_serv	BOBJ1	17.25	Before	Left Exterior Girder	17.25	0.95	1	1	2.19675
SU6_serv	BOBJ1	17.25	Before	Interior Girder 1	17.25	0.95	1	1	1.222421
SU6_serv	BOBJ1	17.25	Before	Interior Girder 2	17.25	0.95	1	1	1.275453
SU6_serv	BOBJ1	17.25	Before	Interior Girder 3	17.25	0.95	1	1	1.263505
SU6_serv	BOBJ1	17.25	Before	Interior Girder 4	17.25	0.95	1	1	1.271134
SU6_serv	BOBJ1	17.25	Before	Interior Girder 5	17.25	0.95	1	1	1.229624
SU6_serv	BOBJ1	17.25	Before	Right Exterior Girder	17.25	0.95	1	1	2.19675
SU6_serv	BOBJ1	17.25	After	Left Exterior Girder	17.25	0.95	1	1	2.195433
SU6_serv	BOBJ1	17.25	After	Interior Girder 1	17.25	0.95	1	1	1.205177
SU6_serv	BOBJ1	17.25	After	Interior Girder 2	17.25	0.95	1	1	1.266418
SU6_serv	BOBJ1	17.25	After	Interior Girder 3	17.25	0.95	1	1	1.25393
SU6_serv	BOBJ1	17.25	After	Interior Girder 4	17.25	0.95	1	1	1.262075
SU6_serv	BOBJ1	17.25	After	Interior Girder 5	17.25	0.95	1	1	1.212674
SU6_serv	BOBJ1	17.25	After	Right Exterior Girder	17.25	0.95	1	1	2.195433
SU6_serv	BOBJ1	19.1667	Before	Left Exterior Girder	19.1667	0.95	1	1	3.139651
SU6_serv	BOBJ1	19.1667	Before	Interior Girder 1	19.1667	0.95	1	1	1.763008
SU6_serv	BOBJ1	19.1667	Before	Interior Girder 2	19.1667	0.95	1	1	1.851908
SU6_serv	BOBJ1	19.1667	Before	Interior Girder 3	19.1667	0.95	1	1	1.837346
SU6_serv	BOBJ1	19.1667	Before	Interior Girder 4	19.1667	0.95	1	1	1.846212
SU6_serv	BOBJ1	19.1667	Before	Interior Girder 5	19.1667	0.95	1	1	1.774515
SU6_serv	BOBJ1	19.1667	Before	Right Exterior Girder	19.1667	0.95	1	1	3.139651
SU6_serv	BOBJ1	19.1667	After	Left Exterior Girder	19.1667	0.95	1	1	3.138878
SU6_serv	BOBJ1	19.1667	After	Interior Girder 1	19.1667	0.95	1	1	1.722018
SU6_serv	BOBJ1	19.1667	After	Interior Girder 2	19.1667	0.95	1	1	1.832148
SU6_serv	BOBJ1	19.1667	After	Interior Girder 3	19.1667	0.95	1	1	1.815515
SU6_serv	BOBJ1	19.1667	After	Interior Girder 4	19.1667	0.95	1	1	1.826395
SU6_serv	BOBJ1	19.1667	After	Interior Girder 5	19.1667	0.95	1	1	1.734201
SU6_serv	BOBJ1	19.1667	After	Right Exterior Girder	19.1667	0.95	1	1	3.138878
SU6_serv	BOBJ1	21.0833	Before	Left Exterior Girder	21.0833	0.95	1	1	5.759813
SU6_serv	BOBJ1	21.0833	Before	Interior Girder 1	21.0833	0.95	1	1	3.258324
SU6_serv	BOBJ1	21.0833	Before	Interior Girder 2	21.0833	0.95	1	1	3.446641
SU6_serv	BOBJ1	21.0833	Before	Interior Girder 3	21.0833	0.95	1	1	3.435365
SU6_serv	BOBJ1	21.0833	Before	Interior Girder 4	21.0833	0.95	1	1	3.437505
SU6_serv	BOBJ1	21.0833	Before	Interior Girder 5	21.0833	0.95	1	1	3.282586
SU6_serv	BOBJ1	21.0833	Before	Right Exterior Girder	21.0833	0.95	1	1	5.759813
SU6_serv	BOBJ1	21.0833	After	Left Exterior Girder	21.0833	0.95	1	1	5.751904
SU6_serv	BOBJ1	21.0833	After	Interior Girder 1	21.0833	0.95	1	1	3.113809

TABLE: Bridge Super Rating AASHTORATE18 26 - SteelINonCompServ-Flx - Main Span Stringers									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
SU6_serv	BOBJ1	21.0833	After	Interior Girder 2	21.0833	0.95	1	1	3.364664
SU6_serv	BOBJ1	21.0833	After	Interior Girder 3	21.0833	0.95	1	1	3.349977
SU6_serv	BOBJ1	21.0833	After	Interior Girder 4	21.0833	0.95	1	1	3.355271
SU6_serv	BOBJ1	21.0833	After	Interior Girder 5	21.0833	0.95	1	1	3.13992
SU6_serv	BOBJ1	21.0833	After	Right Exterior Girder	21.0833	0.95	1	1	5.751904
SU6_serv	BOBJ1	23	Before	Left Exterior Girder	23	0.95	1	1	135.289481
SU6_serv	BOBJ1	23	Before	Interior Girder 1	23	0.95	1	1	85.560692
SU6_serv	BOBJ1	23	Before	Interior Girder 2	23	0.95	1	1	98.622364
SU6_serv	BOBJ1	23	Before	Interior Girder 3	23	0.95	1	1	105.729303
SU6_serv	BOBJ1	23	Before	Interior Girder 4	23	0.95	1	1	97.631448
SU6_serv	BOBJ1	23	Before	Interior Girder 5	23	0.95	1	1	85.56069
SU6_serv	BOBJ1	23	Before	Right Exterior Girder	23	0.95	1	1	136.419233
SU7_serv	BOBJ1	0	After	Left Exterior Girder	0	0.95	1	1	135.241424
SU7_serv	BOBJ1	0	After	Interior Girder 1	0	0.95	1	1	85.739701
SU7_serv	BOBJ1	0	After	Interior Girder 2	0	0.95	1	1	98.724511
SU7_serv	BOBJ1	0	After	Interior Girder 3	0	0.95	1	1	105.839593
SU7_serv	BOBJ1	0	After	Interior Girder 4	0	0.95	1	1	97.732568
SU7_serv	BOBJ1	0	After	Interior Girder 5	0	0.95	1	1	85.739713
SU7_serv	BOBJ1	0	After	Right Exterior Girder	0	0.95	1	1	136.370791
SU7_serv	BOBJ1	1.9167	Before	Left Exterior Girder	1.9167	0.95	1	1	5.74884
SU7_serv	BOBJ1	1.9167	Before	Interior Girder 1	1.9167	0.95	1	1	3.1091
SU7_serv	BOBJ1	1.9167	Before	Interior Girder 2	1.9167	0.95	1	1	3.361285
SU7_serv	BOBJ1	1.9167	Before	Interior Girder 3	1.9167	0.95	1	1	3.346597
SU7_serv	BOBJ1	1.9167	Before	Interior Girder 4	1.9167	0.95	1	1	3.351901
SU7_serv	BOBJ1	1.9167	Before	Interior Girder 5	1.9167	0.95	1	1	3.135173
SU7_serv	BOBJ1	1.9167	Before	Right Exterior Girder	1.9167	0.95	1	1	5.748839
SU7_serv	BOBJ1	1.9167	After	Left Exterior Girder	1.9167	0.95	1	1	5.756893
SU7_serv	BOBJ1	1.9167	After	Interior Girder 1	1.9167	0.95	1	1	3.2534
SU7_serv	BOBJ1	1.9167	After	Interior Girder 2	1.9167	0.95	1	1	3.443163
SU7_serv	BOBJ1	1.9167	After	Interior Girder 3	1.9167	0.95	1	1	3.43191
SU7_serv	BOBJ1	1.9167	After	Interior Girder 4	1.9167	0.95	1	1	3.434036
SU7_serv	BOBJ1	1.9167	After	Interior Girder 5	1.9167	0.95	1	1	3.277626
SU7_serv	BOBJ1	1.9167	After	Right Exterior Girder	1.9167	0.95	1	1	5.756893
SU7_serv	BOBJ1	3.8333	Before	Left Exterior Girder	3.8333	0.95	1	1	3.137532
SU7_serv	BOBJ1	3.8333	Before	Interior Girder 1	3.8333	0.95	1	1	1.71983
SU7_serv	BOBJ1	3.8333	Before	Interior Girder 2	3.8333	0.95	1	1	1.830583
SU7_serv	BOBJ1	3.8333	Before	Interior Girder 3	3.8333	0.95	1	1	1.813991
SU7_serv	BOBJ1	3.8333	Before	Interior Girder 4	3.8333	0.95	1	1	1.824835
SU7_serv	BOBJ1	3.8333	Before	Interior Girder 5	3.8333	0.95	1	1	1.731998
SU7_serv	BOBJ1	3.8333	Before	Right Exterior Girder	3.8333	0.95	1	1	3.137532
SU7_serv	BOBJ1	3.8333	After	Left Exterior Girder	3.8333	0.95	1	1	3.138301
SU7_serv	BOBJ1	3.8333	After	Interior Girder 1	3.8333	0.95	1	1	1.760768
SU7_serv	BOBJ1	3.8333	After	Interior Girder 2	3.8333	0.95	1	1	1.850326
SU7_serv	BOBJ1	3.8333	After	Interior Girder 3	3.8333	0.95	1	1	1.835808
SU7_serv	BOBJ1	3.8333	After	Interior Girder 4	3.8333	0.95	1	1	1.844635
SU7_serv	BOBJ1	3.8333	After	Interior Girder 5	3.8333	0.95	1	1	1.772261
SU7_serv	BOBJ1	3.8333	After	Right Exterior Girder	3.8333	0.95	1	1	3.138301
SU7_serv	BOBJ1	5.75	Before	Left Exterior Girder	5.75	0.95	1	1	2.194693
SU7_serv	BOBJ1	5.75	Before	Interior Girder 1	5.75	0.95	1	1	1.204027
SU7_serv	BOBJ1	5.75	Before	Interior Girder 2	5.75	0.95	1	1	1.265552
SU7_serv	BOBJ1	5.75	Before	Interior Girder 3	5.75	0.95	1	1	1.253104
SU7_serv	BOBJ1	5.75	Before	Interior Girder 4	5.75	0.95	1	1	1.261211
SU7_serv	BOBJ1	5.75	Before	Interior Girder 5	5.75	0.95	1	1	1.211516
SU7_serv	BOBJ1	5.75	Before	Right Exterior Girder	5.75	0.95	1	1	2.194693
SU7_serv	BOBJ1	5.75	After	Left Exterior Girder	5.75	0.95	1	1	2.19594
SU7_serv	BOBJ1	5.75	After	Interior Girder 1	5.75	0.95	1	1	1.221242
SU7_serv	BOBJ1	5.75	After	Interior Girder 2	5.75	0.95	1	1	1.274586
SU7_serv	BOBJ1	5.75	After	Interior Girder 3	5.75	0.95	1	1	1.262673
SU7_serv	BOBJ1	5.75	After	Interior Girder 4	5.75	0.95	1	1	1.27027
SU7_serv	BOBJ1	5.75	After	Interior Girder 5	5.75	0.95	1	1	1.228438
SU7_serv	BOBJ1	5.75	After	Right Exterior Girder	5.75	0.95	1	1	2.19594
SU7_serv	BOBJ1	7.6667	Before	Left Exterior Girder	7.6667	0.95	1	1	1.825336
SU7_serv	BOBJ1	7.6667	Before	Interior Girder 1	7.6667	0.95	1	1	1.002986
SU7_serv	BOBJ1	7.6667	Before	Interior Girder 2	7.6667	0.95	1	1	1.045114
SU7_serv	BOBJ1	7.6667	Before	Interior Girder 3	7.6667	0.95	1	1	1.034863
SU7_serv	BOBJ1	7.6667	Before	Interior Girder 4	7.6667	0.95	1	1	1.041484
SU7_serv	BOBJ1	7.6667	Before	Interior Girder 5	7.6667	0.95	1	1	1.00873
SU7_serv	BOBJ1	7.6667	Before	Right Exterior Girder	7.6667	0.95	1	1	1.825336

TABLE: Bridge Super Rating AASHTORATE18 26 - SteelINonCompServ-Flx - Main Span Stringers									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
SU7_serv	BOBJ1	7.6667	After	Left Exterior Girder	7.6667	0.95	1	1	1.826271
SU7_serv	BOBJ1	7.6667	After	Interior Girder 1	7.6667	0.95	1	1	1.012081
SU7_serv	BOBJ1	7.6667	After	Interior Girder 2	7.6667	0.95	1	1	1.049884
SU7_serv	BOBJ1	7.6667	After	Interior Girder 3	7.6667	0.95	1	1	1.039917
SU7_serv	BOBJ1	7.6667	After	Interior Girder 4	7.6667	0.95	1	1	1.046268
SU7_serv	BOBJ1	7.6667	After	Interior Girder 5	7.6667	0.95	1	1	1.017674
SU7_serv	BOBJ1	7.6667	After	Right Exterior Girder	7.6667	0.95	1	1	1.826271
SU7_serv	BOBJ1	9.5833	Before	Left Exterior Girder	9.5833	0.95	1	1	1.64746
SU7_serv	BOBJ1	9.5833	Before	Interior Girder 1	9.5833	0.95	1	1	0.902492
SU7_serv	BOBJ1	9.5833	Before	Interior Girder 2	9.5833	0.95	1	1	0.936392
SU7_serv	BOBJ1	9.5833	Before	Interior Girder 3	9.5833	0.95	1	1	0.926988
SU7_serv	BOBJ1	9.5833	Before	Interior Girder 4	9.5833	0.95	1	1	0.93301
SU7_serv	BOBJ1	9.5833	Before	Interior Girder 5	9.5833	0.95	1	1	0.907362
SU7_serv	BOBJ1	9.5833	Before	Right Exterior Girder	9.5833	0.95	1	1	1.64746
SU7_serv	BOBJ1	9.5833	After	Left Exterior Girder	9.5833	0.95	1	1	1.647828
SU7_serv	BOBJ1	9.5833	After	Interior Girder 1	9.5833	0.95	1	1	0.906888
SU7_serv	BOBJ1	9.5833	After	Interior Girder 2	9.5833	0.95	1	1	0.938656
SU7_serv	BOBJ1	9.5833	After	Interior Girder 3	9.5833	0.95	1	1	0.929375
SU7_serv	BOBJ1	9.5833	After	Interior Girder 4	9.5833	0.95	1	1	0.935277
SU7_serv	BOBJ1	9.5833	After	Interior Girder 5	9.5833	0.95	1	1	0.911684
SU7_serv	BOBJ1	9.5833	After	Right Exterior Girder	9.5833	0.95	1	1	1.647828
SU7_serv	BOBJ1	11.5	Before	Left Exterior Girder	11.5	0.95	1	1	1.628652
SU7_serv	BOBJ1	11.5	Before	Interior Girder 1	11.5	0.95	1	1	0.893659
SU7_serv	BOBJ1	11.5	Before	Interior Girder 2	11.5	0.95	1	1	0.924988
SU7_serv	BOBJ1	11.5	Before	Interior Girder 3	11.5	0.95	1	1	0.915894
SU7_serv	BOBJ1	11.5	Before	Interior Girder 4	11.5	0.95	1	1	0.921733
SU7_serv	BOBJ1	11.5	Before	Interior Girder 5	11.5	0.95	1	1	0.898497
SU7_serv	BOBJ1	11.5	Before	Right Exterior Girder	11.5	0.95	1	1	1.628652
SU7_serv	BOBJ1	11.5	After	Left Exterior Girder	11.5	0.95	1	1	1.628693
SU7_serv	BOBJ1	11.5	After	Interior Girder 1	11.5	0.95	1	1	0.893651
SU7_serv	BOBJ1	11.5	After	Interior Girder 2	11.5	0.95	1	1	0.924992
SU7_serv	BOBJ1	11.5	After	Interior Girder 3	11.5	0.95	1	1	0.915893
SU7_serv	BOBJ1	11.5	After	Interior Girder 4	11.5	0.95	1	1	0.921737
SU7_serv	BOBJ1	11.5	After	Interior Girder 5	11.5	0.95	1	1	0.898488
SU7_serv	BOBJ1	11.5	After	Right Exterior Girder	11.5	0.95	1	1	1.628693
SU7_serv	BOBJ1	13.4167	Before	Left Exterior Girder	13.4167	0.95	1	1	1.648031
SU7_serv	BOBJ1	13.4167	Before	Interior Girder 1	13.4167	0.95	1	1	0.907193
SU7_serv	BOBJ1	13.4167	Before	Interior Girder 2	13.4167	0.95	1	1	0.93888
SU7_serv	BOBJ1	13.4167	Before	Interior Girder 3	13.4167	0.95	1	1	0.929591
SU7_serv	BOBJ1	13.4167	Before	Interior Girder 4	13.4167	0.95	1	1	0.9355
SU7_serv	BOBJ1	13.4167	Before	Interior Girder 5	13.4167	0.95	1	1	0.911991
SU7_serv	BOBJ1	13.4167	Before	Right Exterior Girder	13.4167	0.95	1	1	1.648031
SU7_serv	BOBJ1	13.4167	After	Left Exterior Girder	13.4167	0.95	1	1	1.647631
SU7_serv	BOBJ1	13.4167	After	Interior Girder 1	13.4167	0.95	1	1	0.902779
SU7_serv	BOBJ1	13.4167	After	Interior Girder 2	13.4167	0.95	1	1	0.936624
SU7_serv	BOBJ1	13.4167	After	Interior Girder 3	13.4167	0.95	1	1	0.927201
SU7_serv	BOBJ1	13.4167	After	Interior Girder 4	13.4167	0.95	1	1	0.933241
SU7_serv	BOBJ1	13.4167	After	Interior Girder 5	13.4167	0.95	1	1	0.90765
SU7_serv	BOBJ1	13.4167	After	Right Exterior Girder	13.4167	0.95	1	1	1.647631
SU7_serv	BOBJ1	15.3333	Before	Left Exterior Girder	15.3333	0.95	1	1	1.826734
SU7_serv	BOBJ1	15.3333	Before	Interior Girder 1	15.3333	0.95	1	1	1.012746
SU7_serv	BOBJ1	15.3333	Before	Interior Girder 2	15.3333	0.95	1	1	1.050379
SU7_serv	BOBJ1	15.3333	Before	Interior Girder 3	15.3333	0.95	1	1	1.040388
SU7_serv	BOBJ1	15.3333	Before	Interior Girder 4	15.3333	0.95	1	1	1.046761
SU7_serv	BOBJ1	15.3333	Before	Interior Girder 5	15.3333	0.95	1	1	1.018343
SU7_serv	BOBJ1	15.3333	Before	Right Exterior Girder	15.3333	0.95	1	1	1.826734
SU7_serv	BOBJ1	15.3333	After	Left Exterior Girder	15.3333	0.95	1	1	1.825787
SU7_serv	BOBJ1	15.3333	After	Interior Girder 1	15.3333	0.95	1	1	1.003629
SU7_serv	BOBJ1	15.3333	After	Interior Girder 2	15.3333	0.95	1	1	1.045614
SU7_serv	BOBJ1	15.3333	After	Interior Girder 3	15.3333	0.95	1	1	1.03533
SU7_serv	BOBJ1	15.3333	After	Interior Girder 4	15.3333	0.95	1	1	1.041983
SU7_serv	BOBJ1	15.3333	After	Interior Girder 5	15.3333	0.95	1	1	1.009377
SU7_serv	BOBJ1	15.3333	After	Right Exterior Girder	15.3333	0.95	1	1	1.825787
SU7_serv	BOBJ1	17.25	Before	Left Exterior Girder	17.25	0.95	1	1	2.19675
SU7_serv	BOBJ1	17.25	Before	Interior Girder 1	17.25	0.95	1	1	1.222421
SU7_serv	BOBJ1	17.25	Before	Interior Girder 2	17.25	0.95	1	1	1.275453
SU7_serv	BOBJ1	17.25	Before	Interior Girder 3	17.25	0.95	1	1	1.263505
SU7_serv	BOBJ1	17.25	Before	Interior Girder 4	17.25	0.95	1	1	1.271134

TABLE: Bridge Super Rating AASHTORATE18 26 - SteelINonCompServ-Flx - Main Span Stringers									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
SU7_serv	BOBJ1	17.25	Before	Interior Girder 5	17.25	0.95	1	1	1.229624
SU7_serv	BOBJ1	17.25	Before	Right Exterior Girder	17.25	0.95	1	1	2.19675
SU7_serv	BOBJ1	17.25	After	Left Exterior Girder	17.25	0.95	1	1	2.195433
SU7_serv	BOBJ1	17.25	After	Interior Girder 1	17.25	0.95	1	1	1.205177
SU7_serv	BOBJ1	17.25	After	Interior Girder 2	17.25	0.95	1	1	1.266418
SU7_serv	BOBJ1	17.25	After	Interior Girder 3	17.25	0.95	1	1	1.25393
SU7_serv	BOBJ1	17.25	After	Interior Girder 4	17.25	0.95	1	1	1.262075
SU7_serv	BOBJ1	17.25	After	Interior Girder 5	17.25	0.95	1	1	1.212674
SU7_serv	BOBJ1	17.25	After	Right Exterior Girder	17.25	0.95	1	1	2.195433
SU7_serv	BOBJ1	19.1667	Before	Left Exterior Girder	19.1667	0.95	1	1	3.139651
SU7_serv	BOBJ1	19.1667	Before	Interior Girder 1	19.1667	0.95	1	1	1.763008
SU7_serv	BOBJ1	19.1667	Before	Interior Girder 2	19.1667	0.95	1	1	1.851908
SU7_serv	BOBJ1	19.1667	Before	Interior Girder 3	19.1667	0.95	1	1	1.837346
SU7_serv	BOBJ1	19.1667	Before	Interior Girder 4	19.1667	0.95	1	1	1.846212
SU7_serv	BOBJ1	19.1667	Before	Interior Girder 5	19.1667	0.95	1	1	1.774515
SU7_serv	BOBJ1	19.1667	Before	Right Exterior Girder	19.1667	0.95	1	1	3.139651
SU7_serv	BOBJ1	19.1667	After	Left Exterior Girder	19.1667	0.95	1	1	3.138878
SU7_serv	BOBJ1	19.1667	After	Interior Girder 1	19.1667	0.95	1	1	1.722018
SU7_serv	BOBJ1	19.1667	After	Interior Girder 2	19.1667	0.95	1	1	1.832148
SU7_serv	BOBJ1	19.1667	After	Interior Girder 3	19.1667	0.95	1	1	1.815515
SU7_serv	BOBJ1	19.1667	After	Interior Girder 4	19.1667	0.95	1	1	1.826395
SU7_serv	BOBJ1	19.1667	After	Interior Girder 5	19.1667	0.95	1	1	1.734201
SU7_serv	BOBJ1	19.1667	After	Right Exterior Girder	19.1667	0.95	1	1	3.138878
SU7_serv	BOBJ1	21.0833	Before	Left Exterior Girder	21.0833	0.95	1	1	5.759813
SU7_serv	BOBJ1	21.0833	Before	Interior Girder 1	21.0833	0.95	1	1	3.258324
SU7_serv	BOBJ1	21.0833	Before	Interior Girder 2	21.0833	0.95	1	1	3.446641
SU7_serv	BOBJ1	21.0833	Before	Interior Girder 3	21.0833	0.95	1	1	3.435365
SU7_serv	BOBJ1	21.0833	Before	Interior Girder 4	21.0833	0.95	1	1	3.437505
SU7_serv	BOBJ1	21.0833	Before	Interior Girder 5	21.0833	0.95	1	1	3.282586
SU7_serv	BOBJ1	21.0833	Before	Right Exterior Girder	21.0833	0.95	1	1	5.759813
SU7_serv	BOBJ1	21.0833	After	Left Exterior Girder	21.0833	0.95	1	1	5.751904
SU7_serv	BOBJ1	21.0833	After	Interior Girder 1	21.0833	0.95	1	1	3.113809
SU7_serv	BOBJ1	21.0833	After	Interior Girder 2	21.0833	0.95	1	1	3.364664
SU7_serv	BOBJ1	21.0833	After	Interior Girder 3	21.0833	0.95	1	1	3.349977
SU7_serv	BOBJ1	21.0833	After	Interior Girder 4	21.0833	0.95	1	1	3.355271
SU7_serv	BOBJ1	21.0833	After	Interior Girder 5	21.0833	0.95	1	1	3.13992
SU7_serv	BOBJ1	21.0833	After	Right Exterior Girder	21.0833	0.95	1	1	5.751904
SU7_serv	BOBJ1	23	Before	Left Exterior Girder	23	0.95	1	1	135.289481
SU7_serv	BOBJ1	23	Before	Interior Girder 1	23	0.95	1	1	85.560692
SU7_serv	BOBJ1	23	Before	Interior Girder 2	23	0.95	1	1	98.622364
SU7_serv	BOBJ1	23	Before	Interior Girder 3	23	0.95	1	1	105.729303
SU7_serv	BOBJ1	23	Before	Interior Girder 4	23	0.95	1	1	97.631448
SU7_serv	BOBJ1	23	Before	Interior Girder 5	23	0.95	1	1	85.56069
SU7_serv	BOBJ1	23	Before	Right Exterior Girder	23	0.95	1	1	136.419233
Type 3_serv	BOBJ1	0	After	Left Exterior Girder	0	0.95	1	1	184.639728
Type 3_serv	BOBJ1	0	After	Interior Girder 1	0	0.95	1	1	115.063014
Type 3_serv	BOBJ1	0	After	Interior Girder 2	0	0.95	1	1	132.702198
Type 3_serv	BOBJ1	0	After	Interior Girder 3	0	0.95	1	1	143.372536
Type 3_serv	BOBJ1	0	After	Interior Girder 4	0	0.95	1	1	131.549316
Type 3_serv	BOBJ1	0	After	Interior Girder 5	0	0.95	1	1	115.063031
Type 3_serv	BOBJ1	0	After	Right Exterior Girder	0	0.95	1	1	186.329524
Type 3_serv	BOBJ1	1.9167	Before	Left Exterior Girder	1.9167	0.95	1	1	6.969085
Type 3_serv	BOBJ1	1.9167	Before	Interior Girder 1	1.9167	0.95	1	1	3.719824
Type 3_serv	BOBJ1	1.9167	Before	Interior Girder 2	1.9167	0.95	1	1	4.070027
Type 3_serv	BOBJ1	1.9167	Before	Interior Girder 3	1.9167	0.95	1	1	4.047394
Type 3_serv	BOBJ1	1.9167	Before	Interior Girder 4	1.9167	0.95	1	1	4.059602
Type 3_serv	BOBJ1	1.9167	Before	Interior Girder 5	1.9167	0.95	1	1	3.753503
Type 3_serv	BOBJ1	1.9167	Before	Right Exterior Girder	1.9167	0.95	1	1	6.969084
Type 3_serv	BOBJ1	1.9167	After	Left Exterior Girder	1.9167	0.95	1	1	6.975081
Type 3_serv	BOBJ1	1.9167	After	Interior Girder 1	1.9167	0.95	1	1	3.874775
Type 3_serv	BOBJ1	1.9167	After	Interior Girder 2	1.9167	0.95	1	1	4.167404
Type 3_serv	BOBJ1	1.9167	After	Interior Girder 3	1.9167	0.95	1	1	4.139092
Type 3_serv	BOBJ1	1.9167	After	Interior Girder 4	1.9167	0.95	1	1	4.157166
Type 3_serv	BOBJ1	1.9167	After	Interior Girder 5	1.9167	0.95	1	1	3.906542
Type 3_serv	BOBJ1	1.9167	After	Right Exterior Girder	1.9167	0.95	1	1	6.975081
Type 3_serv	BOBJ1	3.8333	Before	Left Exterior Girder	3.8333	0.95	1	1	3.909713
Type 3_serv	BOBJ1	3.8333	Before	Interior Girder 1	3.8333	0.95	1	1	2.104249
Type 3_serv	BOBJ1	3.8333	Before	Interior Girder 2	3.8333	0.95	1	1	2.26511

TABLE: Bridge Super Rating AASHTORATE18 26 - SteelINonCompServ-Flx - Main Span Stringers									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Type 3_serv	BOBJ1	3.8333	Before	Interior Girder 3	3.8333	0.95	1	1	2.245039
Type 3_serv	BOBJ1	3.8333	Before	Interior Girder 4	3.8333	0.95	1	1	2.25824
Type 3_serv	BOBJ1	3.8333	Before	Interior Girder 5	3.8333	0.95	1	1	2.12048
Type 3_serv	BOBJ1	3.8333	Before	Right Exterior Girder	3.8333	0.95	1	1	3.909713
Type 3_serv	BOBJ1	3.8333	After	Left Exterior Girder	3.8333	0.95	1	1	3.909442
Type 3_serv	BOBJ1	3.8333	After	Interior Girder 1	3.8333	0.95	1	1	2.148582
Type 3_serv	BOBJ1	3.8333	After	Interior Girder 2	3.8333	0.95	1	1	2.287618
Type 3_serv	BOBJ1	3.8333	After	Interior Girder 3	3.8333	0.95	1	1	2.268482
Type 3_serv	BOBJ1	3.8333	After	Interior Girder 4	3.8333	0.95	1	1	2.280789
Type 3_serv	BOBJ1	3.8333	After	Interior Girder 5	3.8333	0.95	1	1	2.164123
Type 3_serv	BOBJ1	3.8333	After	Right Exterior Girder	3.8333	0.95	1	1	3.909442
Type 3_serv	BOBJ1	5.75	Before	Left Exterior Girder	5.75	0.95	1	1	2.861942
Type 3_serv	BOBJ1	5.75	Before	Interior Girder 1	5.75	0.95	1	1	1.556066
Type 3_serv	BOBJ1	5.75	Before	Interior Girder 2	5.75	0.95	1	1	1.64844
Type 3_serv	BOBJ1	5.75	Before	Interior Girder 3	5.75	0.95	1	1	1.633352
Type 3_serv	BOBJ1	5.75	Before	Interior Girder 4	5.75	0.95	1	1	1.64327
Type 3_serv	BOBJ1	5.75	Before	Interior Girder 5	5.75	0.95	1	1	1.56675
Type 3_serv	BOBJ1	5.75	Before	Right Exterior Girder	5.75	0.95	1	1	2.861942
Type 3_serv	BOBJ1	5.75	After	Left Exterior Girder	5.75	0.95	1	1	2.863342
Type 3_serv	BOBJ1	5.75	After	Interior Girder 1	5.75	0.95	1	1	1.57694
Type 3_serv	BOBJ1	5.75	After	Interior Girder 2	5.75	0.95	1	1	1.659364
Type 3_serv	BOBJ1	5.75	After	Interior Girder 3	5.75	0.95	1	1	1.644852
Type 3_serv	BOBJ1	5.75	After	Interior Girder 4	5.75	0.95	1	1	1.654216
Type 3_serv	BOBJ1	5.75	After	Interior Girder 5	5.75	0.95	1	1	1.587264
Type 3_serv	BOBJ1	5.75	After	Right Exterior Girder	5.75	0.95	1	1	2.863342
Type 3_serv	BOBJ1	7.6667	Before	Left Exterior Girder	7.6667	0.95	1	1	2.403966
Type 3_serv	BOBJ1	7.6667	Before	Interior Girder 1	7.6667	0.95	1	1	1.311841
Type 3_serv	BOBJ1	7.6667	Before	Interior Girder 2	7.6667	0.95	1	1	1.375127
Type 3_serv	BOBJ1	7.6667	Before	Interior Girder 3	7.6667	0.95	1	1	1.362356
Type 3_serv	BOBJ1	7.6667	Before	Interior Girder 4	7.6667	0.95	1	1	1.370658
Type 3_serv	BOBJ1	7.6667	Before	Interior Girder 5	7.6667	0.95	1	1	1.319989
Type 3_serv	BOBJ1	7.6667	Before	Right Exterior Girder	7.6667	0.95	1	1	2.403966
Type 3_serv	BOBJ1	7.6667	After	Left Exterior Girder	7.6667	0.95	1	1	2.405179
Type 3_serv	BOBJ1	7.6667	After	Interior Girder 1	7.6667	0.95	1	1	1.323768
Type 3_serv	BOBJ1	7.6667	After	Interior Girder 2	7.6667	0.95	1	1	1.381342
Type 3_serv	BOBJ1	7.6667	After	Interior Girder 3	7.6667	0.95	1	1	1.368875
Type 3_serv	BOBJ1	7.6667	After	Interior Girder 4	7.6667	0.95	1	1	1.376879
Type 3_serv	BOBJ1	7.6667	After	Interior Girder 5	7.6667	0.95	1	1	1.331711
Type 3_serv	BOBJ1	7.6667	After	Right Exterior Girder	7.6667	0.95	1	1	2.405179
Type 3_serv	BOBJ1	9.5833	Before	Left Exterior Girder	9.5833	0.95	1	1	2.218036
Type 3_serv	BOBJ1	9.5833	Before	Interior Girder 1	9.5833	0.95	1	1	1.211328
Type 3_serv	BOBJ1	9.5833	Before	Interior Girder 2	9.5833	0.95	1	1	1.262759
Type 3_serv	BOBJ1	9.5833	Before	Interior Girder 3	9.5833	0.95	1	1	1.25104
Type 3_serv	BOBJ1	9.5833	Before	Interior Girder 4	9.5833	0.95	1	1	1.258602
Type 3_serv	BOBJ1	9.5833	Before	Interior Girder 5	9.5833	0.95	1	1	1.21847
Type 3_serv	BOBJ1	9.5833	Before	Right Exterior Girder	9.5833	0.95	1	1	2.218036
Type 3_serv	BOBJ1	9.5833	After	Left Exterior Girder	9.5833	0.95	1	1	2.218535
Type 3_serv	BOBJ1	9.5833	After	Interior Girder 1	9.5833	0.95	1	1	1.218575
Type 3_serv	BOBJ1	9.5833	After	Interior Girder 2	9.5833	0.95	1	1	1.266396
Type 3_serv	BOBJ1	9.5833	After	Interior Girder 3	9.5833	0.95	1	1	1.254805
Type 3_serv	BOBJ1	9.5833	After	Interior Girder 4	9.5833	0.95	1	1	1.262235
Type 3_serv	BOBJ1	9.5833	After	Interior Girder 5	9.5833	0.95	1	1	1.225572
Type 3_serv	BOBJ1	9.5833	After	Right Exterior Girder	9.5833	0.95	1	1	2.218535
Type 3_serv	BOBJ1	11.5	Before	Left Exterior Girder	11.5	0.95	1	1	2.212161
Type 3_serv	BOBJ1	11.5	Before	Interior Girder 1	11.5	0.95	1	1	1.206508
Type 3_serv	BOBJ1	11.5	Before	Interior Girder 2	11.5	0.95	1	1	1.250652
Type 3_serv	BOBJ1	11.5	Before	Interior Girder 3	11.5	0.95	1	1	1.238437
Type 3_serv	BOBJ1	11.5	Before	Interior Girder 4	11.5	0.95	1	1	1.246556
Type 3_serv	BOBJ1	11.5	Before	Interior Girder 5	11.5	0.95	1	1	1.213487
Type 3_serv	BOBJ1	11.5	Before	Right Exterior Girder	11.5	0.95	1	1	2.212161
Type 3_serv	BOBJ1	11.5	After	Left Exterior Girder	11.5	0.95	1	1	2.212249
Type 3_serv	BOBJ1	11.5	After	Interior Girder 1	11.5	0.95	1	1	1.206496
Type 3_serv	BOBJ1	11.5	After	Interior Girder 2	11.5	0.95	1	1	1.250657
Type 3_serv	BOBJ1	11.5	After	Interior Girder 3	11.5	0.95	1	1	1.238435
Type 3_serv	BOBJ1	11.5	After	Interior Girder 4	11.5	0.95	1	1	1.246562
Type 3_serv	BOBJ1	11.5	After	Interior Girder 5	11.5	0.95	1	1	1.213475
Type 3_serv	BOBJ1	11.5	After	Right Exterior Girder	11.5	0.95	1	1	2.212249
Type 3_serv	BOBJ1	13.4167	Before	Left Exterior Girder	13.4167	0.95	1	1	2.218808

TABLE: Bridge Super Rating AASHTORATE18 26 - SteelINonCompServ-Flx - Main Span Stringers									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Type 3_serv	BOBJ1	13.4167	Before	Interior Girder 1	13.4167	0.95	1	1	1.218985
Type 3_serv	BOBJ1	13.4167	Before	Interior Girder 2	13.4167	0.95	1	1	1.266699
Type 3_serv	BOBJ1	13.4167	Before	Interior Girder 3	13.4167	0.95	1	1	1.255097
Type 3_serv	BOBJ1	13.4167	Before	Interior Girder 4	13.4167	0.95	1	1	1.262536
Type 3_serv	BOBJ1	13.4167	Before	Interior Girder 5	13.4167	0.95	1	1	1.225984
Type 3_serv	BOBJ1	13.4167	Before	Right Exterior Girder	13.4167	0.95	1	1	2.218808
Type 3_serv	BOBJ1	13.4167	After	Left Exterior Girder	13.4167	0.95	1	1	2.218242
Type 3_serv	BOBJ1	13.4167	After	Interior Girder 1	13.4167	0.95	1	1	1.211713
Type 3_serv	BOBJ1	13.4167	After	Interior Girder 2	13.4167	0.95	1	1	1.263073
Type 3_serv	BOBJ1	13.4167	After	Interior Girder 3	13.4167	0.95	1	1	1.251327
Type 3_serv	BOBJ1	13.4167	After	Interior Girder 4	13.4167	0.95	1	1	1.258914
Type 3_serv	BOBJ1	13.4167	After	Interior Girder 5	13.4167	0.95	1	1	1.218858
Type 3_serv	BOBJ1	13.4167	After	Right Exterior Girder	13.4167	0.95	1	1	2.218242
Type 3_serv	BOBJ1	15.3333	Before	Left Exterior Girder	15.3333	0.95	1	1	2.405762
Type 3_serv	BOBJ1	15.3333	Before	Interior Girder 1	15.3333	0.95	1	1	1.324638
Type 3_serv	BOBJ1	15.3333	Before	Interior Girder 2	15.3333	0.95	1	1	1.381993
Type 3_serv	BOBJ1	15.3333	Before	Interior Girder 3	15.3333	0.95	1	1	1.369496
Type 3_serv	BOBJ1	15.3333	Before	Interior Girder 4	15.3333	0.95	1	1	1.377528
Type 3_serv	BOBJ1	15.3333	Before	Interior Girder 5	15.3333	0.95	1	1	1.332586
Type 3_serv	BOBJ1	15.3333	Before	Right Exterior Girder	15.3333	0.95	1	1	2.405762
Type 3_serv	BOBJ1	15.3333	After	Left Exterior Girder	15.3333	0.95	1	1	2.404504
Type 3_serv	BOBJ1	15.3333	After	Interior Girder 1	15.3333	0.95	1	1	1.312682
Type 3_serv	BOBJ1	15.3333	After	Interior Girder 2	15.3333	0.95	1	1	1.375785
Type 3_serv	BOBJ1	15.3333	After	Interior Girder 3	15.3333	0.95	1	1	1.362972
Type 3_serv	BOBJ1	15.3333	After	Interior Girder 4	15.3333	0.95	1	1	1.371314
Type 3_serv	BOBJ1	15.3333	After	Interior Girder 5	15.3333	0.95	1	1	1.320835
Type 3_serv	BOBJ1	15.3333	After	Right Exterior Girder	15.3333	0.95	1	1	2.404504
Type 3_serv	BOBJ1	17.25	Before	Left Exterior Girder	17.25	0.95	1	1	2.864353
Type 3_serv	BOBJ1	17.25	Before	Interior Girder 1	17.25	0.95	1	1	1.578462
Type 3_serv	BOBJ1	17.25	Before	Interior Girder 2	17.25	0.95	1	1	1.660493
Type 3_serv	BOBJ1	17.25	Before	Interior Girder 3	17.25	0.95	1	1	1.645935
Type 3_serv	BOBJ1	17.25	Before	Interior Girder 4	17.25	0.95	1	1	1.655341
Type 3_serv	BOBJ1	17.25	Before	Interior Girder 5	17.25	0.95	1	1	1.588796
Type 3_serv	BOBJ1	17.25	Before	Right Exterior Girder	17.25	0.95	1	1	2.864353
Type 3_serv	BOBJ1	17.25	After	Left Exterior Girder	17.25	0.95	1	1	2.862825
Type 3_serv	BOBJ1	17.25	After	Interior Girder 1	17.25	0.95	1	1	1.557553
Type 3_serv	BOBJ1	17.25	After	Interior Girder 2	17.25	0.95	1	1	1.649569
Type 3_serv	BOBJ1	17.25	After	Interior Girder 3	17.25	0.95	1	1	1.634429
Type 3_serv	BOBJ1	17.25	After	Interior Girder 4	17.25	0.95	1	1	1.644395
Type 3_serv	BOBJ1	17.25	After	Interior Girder 5	17.25	0.95	1	1	1.568247
Type 3_serv	BOBJ1	17.25	After	Right Exterior Girder	17.25	0.95	1	1	2.862825
Type 3_serv	BOBJ1	19.1667	Before	Left Exterior Girder	19.1667	0.95	1	1	3.911123
Type 3_serv	BOBJ1	19.1667	Before	Interior Girder 1	19.1667	0.95	1	1	2.151315
Type 3_serv	BOBJ1	19.1667	Before	Interior Girder 2	19.1667	0.95	1	1	2.289574
Type 3_serv	BOBJ1	19.1667	Before	Interior Girder 3	19.1667	0.95	1	1	2.270382
Type 3_serv	BOBJ1	19.1667	Before	Interior Girder 4	19.1667	0.95	1	1	2.282739
Type 3_serv	BOBJ1	19.1667	Before	Interior Girder 5	19.1667	0.95	1	1	2.166876
Type 3_serv	BOBJ1	19.1667	Before	Right Exterior Girder	19.1667	0.95	1	1	3.911123
Type 3_serv	BOBJ1	19.1667	After	Left Exterior Girder	19.1667	0.95	1	1	3.91139
Type 3_serv	BOBJ1	19.1667	After	Interior Girder 1	19.1667	0.95	1	1	2.106926
Type 3_serv	BOBJ1	19.1667	After	Interior Girder 2	19.1667	0.95	1	1	2.267047
Type 3_serv	BOBJ1	19.1667	After	Interior Girder 3	19.1667	0.95	1	1	2.246925
Type 3_serv	BOBJ1	19.1667	After	Interior Girder 4	19.1667	0.95	1	1	2.260171
Type 3_serv	BOBJ1	19.1667	After	Interior Girder 5	19.1667	0.95	1	1	2.123178
Type 3_serv	BOBJ1	19.1667	After	Right Exterior Girder	19.1667	0.95	1	1	3.91139
Type 3_serv	BOBJ1	21.0833	Before	Left Exterior Girder	21.0833	0.95	1	1	6.978619
Type 3_serv	BOBJ1	21.0833	Before	Interior Girder 1	21.0833	0.95	1	1	3.880639
Type 3_serv	BOBJ1	21.0833	Before	Interior Girder 2	21.0833	0.95	1	1	4.171613
Type 3_serv	BOBJ1	21.0833	Before	Interior Girder 3	21.0833	0.95	1	1	4.143259
Type 3_serv	BOBJ1	21.0833	Before	Interior Girder 4	21.0833	0.95	1	1	4.161365
Type 3_serv	BOBJ1	21.0833	Before	Interior Girder 5	21.0833	0.95	1	1	3.912454
Type 3_serv	BOBJ1	21.0833	Before	Right Exterior Girder	21.0833	0.95	1	1	6.978619
Type 3_serv	BOBJ1	21.0833	After	Left Exterior Girder	21.0833	0.95	1	1	6.972655
Type 3_serv	BOBJ1	21.0833	After	Interior Girder 1	21.0833	0.95	1	1	3.725457
Type 3_serv	BOBJ1	21.0833	After	Interior Girder 2	21.0833	0.95	1	1	4.074118
Type 3_serv	BOBJ1	21.0833	After	Interior Girder 3	21.0833	0.95	1	1	4.051482
Type 3_serv	BOBJ1	21.0833	After	Interior Girder 4	21.0833	0.95	1	1	4.063683
Type 3_serv	BOBJ1	21.0833	After	Interior Girder 5	21.0833	0.95	1	1	3.759187

TABLE: Bridge Super Rating AASHTORATE18 26 - SteelINonCompServ-Flx - Main Span Stringers									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Type 3_serv	BOBJ1	21.0833	After	Right Exterior Girder	21.0833	0.95	1	1	6.972655
Type 3_serv	BOBJ1	23	Before	Left Exterior Girder	23	0.95	1	1	184.705338
Type 3_serv	BOBJ1	23	Before	Interior Girder 1	23	0.95	1	1	114.822782
Type 3_serv	BOBJ1	23	Before	Interior Girder 2	23	0.95	1	1	132.564895
Type 3_serv	BOBJ1	23	Before	Interior Girder 3	23	0.95	1	1	143.223134
Type 3_serv	BOBJ1	23	Before	Interior Girder 4	23	0.95	1	1	131.413205
Type 3_serv	BOBJ1	23	Before	Interior Girder 5	23	0.95	1	1	114.82278
Type 3_serv	BOBJ1	23	Before	Right Exterior Girder	23	0.95	1	1	186.395709
Type 3S2_serv	BOBJ1	0	After	Left Exterior Girder	0	0.95	1	1	188.358213
Type 3S2_serv	BOBJ1	0	After	Interior Girder 1	0	0.95	1	1	118.825904
Type 3S2_serv	BOBJ1	0	After	Interior Girder 2	0	0.95	1	1	136.421249
Type 3S2_serv	BOBJ1	0	After	Interior Girder 3	0	0.95	1	1	147.06794
Type 3S2_serv	BOBJ1	0	After	Interior Girder 4	0	0.95	1	1	134.961134
Type 3S2_serv	BOBJ1	0	After	Interior Girder 5	0	0.95	1	1	118.825923
Type 3S2_serv	BOBJ1	0	After	Right Exterior Girder	0	0.95	1	1	190.090368
Type 3S2_serv	BOBJ1	1.9167	Before	Left Exterior Girder	1.9167	0.95	1	1	7.281514
Type 3S2_serv	BOBJ1	1.9167	Before	Interior Girder 1	1.9167	0.95	1	1	3.912501
Type 3S2_serv	BOBJ1	1.9167	Before	Interior Girder 2	1.9167	0.95	1	1	4.264589
Type 3S2_serv	BOBJ1	1.9167	Before	Interior Girder 3	1.9167	0.95	1	1	4.240171
Type 3S2_serv	BOBJ1	1.9167	Before	Interior Girder 4	1.9167	0.95	1	1	4.253536
Type 3S2_serv	BOBJ1	1.9167	Before	Interior Girder 5	1.9167	0.95	1	1	3.946954
Type 3S2_serv	BOBJ1	1.9167	Before	Right Exterior Girder	1.9167	0.95	1	1	7.281513
Type 3S2_serv	BOBJ1	1.9167	After	Left Exterior Girder	1.9167	0.95	1	1	7.29077
Type 3S2_serv	BOBJ1	1.9167	After	Interior Girder 1	1.9167	0.95	1	1	4.080417
Type 3S2_serv	BOBJ1	1.9167	After	Interior Girder 2	1.9167	0.95	1	1	4.36988
Type 3S2_serv	BOBJ1	1.9167	After	Interior Girder 3	1.9167	0.95	1	1	4.339975
Type 3S2_serv	BOBJ1	1.9167	After	Interior Girder 4	1.9167	0.95	1	1	4.359051
Type 3S2_serv	BOBJ1	1.9167	After	Interior Girder 5	1.9167	0.95	1	1	4.1128
Type 3S2_serv	BOBJ1	1.9167	After	Right Exterior Girder	1.9167	0.95	1	1	7.29077
Type 3S2_serv	BOBJ1	3.8333	Before	Left Exterior Girder	3.8333	0.95	1	1	3.994298
Type 3S2_serv	BOBJ1	3.8333	Before	Interior Girder 1	3.8333	0.95	1	1	2.171955
Type 3S2_serv	BOBJ1	3.8333	Before	Interior Girder 2	3.8333	0.95	1	1	2.325635
Type 3S2_serv	BOBJ1	3.8333	Before	Interior Girder 3	3.8333	0.95	1	1	2.305227
Type 3S2_serv	BOBJ1	3.8333	Before	Interior Girder 4	3.8333	0.95	1	1	2.318681
Type 3S2_serv	BOBJ1	3.8333	Before	Interior Girder 5	3.8333	0.95	1	1	2.188258
Type 3S2_serv	BOBJ1	3.8333	Before	Right Exterior Girder	3.8333	0.95	1	1	3.994298
Type 3S2_serv	BOBJ1	3.8333	After	Left Exterior Girder	3.8333	0.95	1	1	3.99476
Type 3S2_serv	BOBJ1	3.8333	After	Interior Girder 1	3.8333	0.95	1	1	2.219636
Type 3S2_serv	BOBJ1	3.8333	After	Interior Girder 2	3.8333	0.95	1	1	2.349939
Type 3S2_serv	BOBJ1	3.8333	After	Interior Girder 3	3.8333	0.95	1	1	2.33061
Type 3S2_serv	BOBJ1	3.8333	After	Interior Girder 4	3.8333	0.95	1	1	2.343034
Type 3S2_serv	BOBJ1	3.8333	After	Interior Girder 5	3.8333	0.95	1	1	2.235171
Type 3S2_serv	BOBJ1	3.8333	After	Right Exterior Girder	3.8333	0.95	1	1	3.99476
Type 3S2_serv	BOBJ1	5.75	Before	Left Exterior Girder	5.75	0.95	1	1	2.997314
Type 3S2_serv	BOBJ1	5.75	Before	Interior Girder 1	5.75	0.95	1	1	1.634776
Type 3S2_serv	BOBJ1	5.75	Before	Interior Girder 2	5.75	0.95	1	1	1.727056
Type 3S2_serv	BOBJ1	5.75	Before	Interior Girder 3	5.75	0.95	1	1	1.710973
Type 3S2_serv	BOBJ1	5.75	Before	Interior Girder 4	5.75	0.95	1	1	1.721486
Type 3S2_serv	BOBJ1	5.75	Before	Interior Girder 5	5.75	0.95	1	1	1.645654
Type 3S2_serv	BOBJ1	5.75	Before	Right Exterior Girder	5.75	0.95	1	1	2.997314
Type 3S2_serv	BOBJ1	5.75	After	Left Exterior Girder	5.75	0.95	1	1	2.998911
Type 3S2_serv	BOBJ1	5.75	After	Interior Girder 1	5.75	0.95	1	1	1.657566
Type 3S2_serv	BOBJ1	5.75	After	Interior Girder 2	5.75	0.95	1	1	1.738988
Type 3S2_serv	BOBJ1	5.75	After	Interior Girder 3	5.75	0.95	1	1	1.723564
Type 3S2_serv	BOBJ1	5.75	After	Interior Girder 4	5.75	0.95	1	1	1.733444
Type 3S2_serv	BOBJ1	5.75	After	Interior Girder 5	5.75	0.95	1	1	1.668055
Type 3S2_serv	BOBJ1	5.75	After	Right Exterior Girder	5.75	0.95	1	1	2.998911
Type 3S2_serv	BOBJ1	7.6667	Before	Left Exterior Girder	7.6667	0.95	1	1	2.615762
Type 3S2_serv	BOBJ1	7.6667	Before	Interior Girder 1	7.6667	0.95	1	1	1.424749
Type 3S2_serv	BOBJ1	7.6667	Before	Interior Girder 2	7.6667	0.95	1	1	1.492959
Type 3S2_serv	BOBJ1	7.6667	Before	Interior Girder 3	7.6667	0.95	1	1	1.478734
Type 3S2_serv	BOBJ1	7.6667	Before	Interior Girder 4	7.6667	0.95	1	1	1.487915
Type 3S2_serv	BOBJ1	7.6667	Before	Interior Girder 5	7.6667	0.95	1	1	1.433359
Type 3S2_serv	BOBJ1	7.6667	Before	Right Exterior Girder	7.6667	0.95	1	1	2.615762
Type 3S2_serv	BOBJ1	7.6667	After	Left Exterior Girder	7.6667	0.95	1	1	2.617085
Type 3S2_serv	BOBJ1	7.6667	After	Interior Girder 1	7.6667	0.95	1	1	1.437855
Type 3S2_serv	BOBJ1	7.6667	After	Interior Girder 2	7.6667	0.95	1	1	1.499805
Type 3S2_serv	BOBJ1	7.6667	After	Interior Girder 3	7.6667	0.95	1	1	1.485913

TABLE: Bridge Super Rating AASHTORATE18 26 - SteelINonCompServ-Flx - Main Span Stringers									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Type 3S2_serv	BOBJ1	7.6667	After	Interior Girder 4	7.6667	0.95	1	1	1.494768
Type 3S2_serv	BOBJ1	7.6667	After	Interior Girder 5	7.6667	0.95	1	1	1.446247
Type 3S2_serv	BOBJ1	7.6667	After	Right Exterior Girder	7.6667	0.95	1	1	2.617085
Type 3S2_serv	BOBJ1	9.5833	Before	Left Exterior Girder	9.5833	0.95	1	1	2.432685
Type 3S2_serv	BOBJ1	9.5833	Before	Interior Girder 1	9.5833	0.95	1	1	1.328516
Type 3S2_serv	BOBJ1	9.5833	Before	Interior Girder 2	9.5833	0.95	1	1	1.384962
Type 3S2_serv	BOBJ1	9.5833	Before	Interior Girder 3	9.5833	0.95	1	1	1.372108
Type 3S2_serv	BOBJ1	9.5833	Before	Interior Girder 4	9.5833	0.95	1	1	1.380402
Type 3S2_serv	BOBJ1	9.5833	Before	Interior Girder 5	9.5833	0.95	1	1	1.336349
Type 3S2_serv	BOBJ1	9.5833	Before	Right Exterior Girder	9.5833	0.95	1	1	2.432685
Type 3S2_serv	BOBJ1	9.5833	After	Left Exterior Girder	9.5833	0.95	1	1	2.433232
Type 3S2_serv	BOBJ1	9.5833	After	Interior Girder 1	9.5833	0.95	1	1	1.329274
Type 3S2_serv	BOBJ1	9.5833	After	Interior Girder 2	9.5833	0.95	1	1	1.383524
Type 3S2_serv	BOBJ1	9.5833	After	Interior Girder 3	9.5833	0.95	1	1	1.370827
Type 3S2_serv	BOBJ1	9.5833	After	Interior Girder 4	9.5833	0.95	1	1	1.378864
Type 3S2_serv	BOBJ1	9.5833	After	Interior Girder 5	9.5833	0.95	1	1	1.337138
Type 3S2_serv	BOBJ1	9.5833	After	Right Exterior Girder	9.5833	0.95	1	1	2.433232
Type 3S2_serv	BOBJ1	11.5	Before	Left Exterior Girder	11.5	0.95	1	1	2.386367
Type 3S2_serv	BOBJ1	11.5	Before	Interior Girder 1	11.5	0.95	1	1	1.297754
Type 3S2_serv	BOBJ1	11.5	Before	Interior Girder 2	11.5	0.95	1	1	1.350085
Type 3S2_serv	BOBJ1	11.5	Before	Interior Girder 3	11.5	0.95	1	1	1.337131
Type 3S2_serv	BOBJ1	11.5	Before	Interior Girder 4	11.5	0.95	1	1	1.345395
Type 3S2_serv	BOBJ1	11.5	Before	Interior Girder 5	11.5	0.95	1	1	1.305073
Type 3S2_serv	BOBJ1	11.5	Before	Right Exterior Girder	11.5	0.95	1	1	2.386367
Type 3S2_serv	BOBJ1	11.5	After	Left Exterior Girder	11.5	0.95	1	1	2.38638
Type 3S2_serv	BOBJ1	11.5	After	Interior Girder 1	11.5	0.95	1	1	1.297741
Type 3S2_serv	BOBJ1	11.5	After	Interior Girder 2	11.5	0.95	1	1	1.350091
Type 3S2_serv	BOBJ1	11.5	After	Interior Girder 3	11.5	0.95	1	1	1.337129
Type 3S2_serv	BOBJ1	11.5	After	Interior Girder 4	11.5	0.95	1	1	1.345401
Type 3S2_serv	BOBJ1	11.5	After	Interior Girder 5	11.5	0.95	1	1	1.30506
Type 3S2_serv	BOBJ1	11.5	After	Right Exterior Girder	11.5	0.95	1	1	2.38638
Type 3S2_serv	BOBJ1	13.4167	Before	Left Exterior Girder	13.4167	0.95	1	1	2.433531
Type 3S2_serv	BOBJ1	13.4167	Before	Interior Girder 1	13.4167	0.95	1	1	1.329722
Type 3S2_serv	BOBJ1	13.4167	Before	Interior Girder 2	13.4167	0.95	1	1	1.383855
Type 3S2_serv	BOBJ1	13.4167	Before	Interior Girder 3	13.4167	0.95	1	1	1.371145
Type 3S2_serv	BOBJ1	13.4167	Before	Interior Girder 4	13.4167	0.95	1	1	1.379194
Type 3S2_serv	BOBJ1	13.4167	Before	Interior Girder 5	13.4167	0.95	1	1	1.337588
Type 3S2_serv	BOBJ1	13.4167	Before	Right Exterior Girder	13.4167	0.95	1	1	2.433531
Type 3S2_serv	BOBJ1	13.4167	After	Left Exterior Girder	13.4167	0.95	1	1	2.432911
Type 3S2_serv	BOBJ1	13.4167	After	Interior Girder 1	13.4167	0.95	1	1	1.328938
Type 3S2_serv	BOBJ1	13.4167	After	Interior Girder 2	13.4167	0.95	1	1	1.385305
Type 3S2_serv	BOBJ1	13.4167	After	Interior Girder 3	13.4167	0.95	1	1	1.372423
Type 3S2_serv	BOBJ1	13.4167	After	Interior Girder 4	13.4167	0.95	1	1	1.380744
Type 3S2_serv	BOBJ1	13.4167	After	Interior Girder 5	13.4167	0.95	1	1	1.336774
Type 3S2_serv	BOBJ1	13.4167	After	Right Exterior Girder	13.4167	0.95	1	1	2.432911
Type 3S2_serv	BOBJ1	15.3333	Before	Left Exterior Girder	15.3333	0.95	1	1	2.617719
Type 3S2_serv	BOBJ1	15.3333	Before	Interior Girder 1	15.3333	0.95	1	1	1.4388
Type 3S2_serv	BOBJ1	15.3333	Before	Interior Girder 2	15.3333	0.95	1	1	1.500511
Type 3S2_serv	BOBJ1	15.3333	Before	Interior Girder 3	15.3333	0.95	1	1	1.486587
Type 3S2_serv	BOBJ1	15.3333	Before	Interior Girder 4	15.3333	0.95	1	1	1.495472
Type 3S2_serv	BOBJ1	15.3333	Before	Interior Girder 5	15.3333	0.95	1	1	1.447197
Type 3S2_serv	BOBJ1	15.3333	Before	Right Exterior Girder	15.3333	0.95	1	1	2.617719
Type 3S2_serv	BOBJ1	15.3333	After	Left Exterior Girder	15.3333	0.95	1	1	2.616349
Type 3S2_serv	BOBJ1	15.3333	After	Interior Girder 1	15.3333	0.95	1	1	1.425663
Type 3S2_serv	BOBJ1	15.3333	After	Interior Girder 2	15.3333	0.95	1	1	1.493674
Type 3S2_serv	BOBJ1	15.3333	After	Interior Girder 3	15.3333	0.95	1	1	1.479402
Type 3S2_serv	BOBJ1	15.3333	After	Interior Girder 4	15.3333	0.95	1	1	1.488627
Type 3S2_serv	BOBJ1	15.3333	After	Interior Girder 5	15.3333	0.95	1	1	1.434278
Type 3S2_serv	BOBJ1	15.3333	After	Right Exterior Girder	15.3333	0.95	1	1	2.616349
Type 3S2_serv	BOBJ1	17.25	Before	Left Exterior Girder	17.25	0.95	1	1	2.99997
Type 3S2_serv	BOBJ1	17.25	Before	Interior Girder 1	17.25	0.95	1	1	1.659165
Type 3S2_serv	BOBJ1	17.25	Before	Interior Girder 2	17.25	0.95	1	1	1.740171
Type 3S2_serv	BOBJ1	17.25	Before	Interior Girder 3	17.25	0.95	1	1	1.724699
Type 3S2_serv	BOBJ1	17.25	Before	Interior Girder 4	17.25	0.95	1	1	1.734623
Type 3S2_serv	BOBJ1	17.25	Before	Interior Girder 5	17.25	0.95	1	1	1.669665
Type 3S2_serv	BOBJ1	17.25	Before	Right Exterior Girder	17.25	0.95	1	1	2.99997
Type 3S2_serv	BOBJ1	17.25	After	Left Exterior Girder	17.25	0.95	1	1	2.998245
Type 3S2_serv	BOBJ1	17.25	After	Interior Girder 1	17.25	0.95	1	1	1.636338

TABLE: Bridge Super Rating AASHTORATE18 26 - SteelINonCompServ-Flx - Main Span Stringers									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Type 3S2_serv	BOBJ1	17.25	After	Interior Girder 2	17.25	0.95	1	1	1.728239
Type 3S2_serv	BOBJ1	17.25	After	Interior Girder 3	17.25	0.95	1	1	1.712101
Type 3S2_serv	BOBJ1	17.25	After	Interior Girder 4	17.25	0.95	1	1	1.722665
Type 3S2_serv	BOBJ1	17.25	After	Interior Girder 5	17.25	0.95	1	1	1.647227
Type 3S2_serv	BOBJ1	17.25	After	Right Exterior Girder	17.25	0.95	1	1	2.998245
Type 3S2_serv	BOBJ1	19.1667	Before	Left Exterior Girder	19.1667	0.95	1	1	3.996477
Type 3S2_serv	BOBJ1	19.1667	Before	Interior Girder 1	19.1667	0.95	1	1	2.222459
Type 3S2_serv	BOBJ1	19.1667	Before	Interior Girder 2	19.1667	0.95	1	1	2.351948
Type 3S2_serv	BOBJ1	19.1667	Before	Interior Girder 3	19.1667	0.95	1	1	2.332563
Type 3S2_serv	BOBJ1	19.1667	Before	Interior Girder 4	19.1667	0.95	1	1	2.345038
Type 3S2_serv	BOBJ1	19.1667	Before	Interior Girder 5	19.1667	0.95	1	1	2.238014
Type 3S2_serv	BOBJ1	19.1667	Before	Right Exterior Girder	19.1667	0.95	1	1	3.996477
Type 3S2_serv	BOBJ1	19.1667	After	Left Exterior Girder	19.1667	0.95	1	1	3.996011
Type 3S2_serv	BOBJ1	19.1667	After	Interior Girder 1	19.1667	0.95	1	1	2.174719
Type 3S2_serv	BOBJ1	19.1667	After	Interior Girder 2	19.1667	0.95	1	1	2.327623
Type 3S2_serv	BOBJ1	19.1667	After	Interior Girder 3	19.1667	0.95	1	1	2.307164
Type 3S2_serv	BOBJ1	19.1667	After	Interior Girder 4	19.1667	0.95	1	1	2.320664
Type 3S2_serv	BOBJ1	19.1667	After	Interior Girder 5	19.1667	0.95	1	1	2.191042
Type 3S2_serv	BOBJ1	19.1667	After	Right Exterior Girder	19.1667	0.95	1	1	3.996011
Type 3S2_serv	BOBJ1	21.0833	Before	Left Exterior Girder	21.0833	0.95	1	1	7.294468
Type 3S2_serv	BOBJ1	21.0833	Before	Interior Girder 1	21.0833	0.95	1	1	4.086592
Type 3S2_serv	BOBJ1	21.0833	Before	Interior Girder 2	21.0833	0.95	1	1	4.374295
Type 3S2_serv	BOBJ1	21.0833	Before	Interior Girder 3	21.0833	0.95	1	1	4.344345
Type 3S2_serv	BOBJ1	21.0833	Before	Interior Girder 4	21.0833	0.95	1	1	4.363454
Type 3S2_serv	BOBJ1	21.0833	Before	Interior Girder 5	21.0833	0.95	1	1	4.119024
Type 3S2_serv	BOBJ1	21.0833	Before	Right Exterior Girder	21.0833	0.95	1	1	7.294468
Type 3S2_serv	BOBJ1	21.0833	After	Left Exterior Girder	21.0833	0.95	1	1	7.285243
Type 3S2_serv	BOBJ1	21.0833	After	Interior Girder 1	21.0833	0.95	1	1	3.918426
Type 3S2_serv	BOBJ1	21.0833	After	Interior Girder 2	21.0833	0.95	1	1	4.268876
Type 3S2_serv	BOBJ1	21.0833	After	Interior Girder 3	21.0833	0.95	1	1	4.244454
Type 3S2_serv	BOBJ1	21.0833	After	Interior Girder 4	21.0833	0.95	1	1	4.257811
Type 3S2_serv	BOBJ1	21.0833	After	Interior Girder 5	21.0833	0.95	1	1	3.952931
Type 3S2_serv	BOBJ1	21.0833	After	Right Exterior Girder	21.0833	0.95	1	1	7.285243
Type 3S2_serv	BOBJ1	23	Before	Left Exterior Girder	23	0.95	1	1	188.425144
Type 3S2_serv	BOBJ1	23	Before	Interior Girder 1	23	0.95	1	1	118.577817
Type 3S2_serv	BOBJ1	23	Before	Interior Girder 2	23	0.95	1	1	136.280099
Type 3S2_serv	BOBJ1	23	Before	Interior Girder 3	23	0.95	1	1	146.914688
Type 3S2_serv	BOBJ1	23	Before	Interior Girder 4	23	0.95	1	1	134.821494
Type 3S2_serv	BOBJ1	23	Before	Interior Girder 5	23	0.95	1	1	118.577815
Type 3S2_serv	BOBJ1	23	Before	Right Exterior Girder	23	0.95	1	1	190.157892
Type 3-3_serv	BOBJ1	0	After	Left Exterior Girder	0	0.95	1	1	227.805138
Type 3-3_serv	BOBJ1	0	After	Interior Girder 1	0	0.95	1	1	142.556681
Type 3-3_serv	BOBJ1	0	After	Interior Girder 2	0	0.95	1	1	164.402057
Type 3-3_serv	BOBJ1	0	After	Interior Girder 3	0	0.95	1	1	177.968834
Type 3-3_serv	BOBJ1	0	After	Interior Girder 4	0	0.95	1	1	162.946867
Type 3-3_serv	BOBJ1	0	After	Interior Girder 5	0	0.95	1	1	142.520582
Type 3-3_serv	BOBJ1	0	After	Right Exterior Girder	0	0.95	1	1	229.985868
Type 3-3_serv	BOBJ1	1.9167	Before	Left Exterior Girder	1.9167	0.95	1	1	8.617694
Type 3-3_serv	BOBJ1	1.9167	Before	Interior Girder 1	1.9167	0.95	1	1	4.583791
Type 3-3_serv	BOBJ1	1.9167	Before	Interior Girder 2	1.9167	0.95	1	1	5.023555
Type 3-3_serv	BOBJ1	1.9167	Before	Interior Girder 3	1.9167	0.95	1	1	4.995573
Type 3-3_serv	BOBJ1	1.9167	Before	Interior Girder 4	1.9167	0.95	1	1	5.010573
Type 3-3_serv	BOBJ1	1.9167	Before	Interior Girder 5	1.9167	0.95	1	1	4.625483
Type 3-3_serv	BOBJ1	1.9167	Before	Right Exterior Girder	1.9167	0.95	1	1	8.617694
Type 3-3_serv	BOBJ1	1.9167	After	Left Exterior Girder	1.9167	0.95	1	1	8.624029
Type 3-3_serv	BOBJ1	1.9167	After	Interior Girder 1	1.9167	0.95	1	1	4.772952
Type 3-3_serv	BOBJ1	1.9167	After	Interior Girder 2	1.9167	0.95	1	1	5.142679
Type 3-3_serv	BOBJ1	1.9167	After	Interior Girder 3	1.9167	0.95	1	1	5.107398
Type 3-3_serv	BOBJ1	1.9167	After	Interior Girder 4	1.9167	0.95	1	1	5.129925
Type 3-3_serv	BOBJ1	1.9167	After	Interior Girder 5	1.9167	0.95	1	1	4.81236
Type 3-3_serv	BOBJ1	1.9167	After	Right Exterior Girder	1.9167	0.95	1	1	8.624029
Type 3-3_serv	BOBJ1	3.8333	Before	Left Exterior Girder	3.8333	0.95	1	1	4.769019
Type 3-3_serv	BOBJ1	3.8333	Before	Interior Girder 1	3.8333	0.95	1	1	2.572167
Type 3-3_serv	BOBJ1	3.8333	Before	Interior Girder 2	3.8333	0.95	1	1	2.769849
Type 3-3_serv	BOBJ1	3.8333	Before	Interior Girder 3	3.8333	0.95	1	1	2.746042
Type 3-3_serv	BOBJ1	3.8333	Before	Interior Girder 4	3.8333	0.95	1	1	2.76184
Type 3-3_serv	BOBJ1	3.8333	Before	Interior Girder 5	3.8333	0.95	1	1	2.592486
Type 3-3_serv	BOBJ1	3.8333	Before	Right Exterior Girder	3.8333	0.95	1	1	4.769019

TABLE: Bridge Super Rating AASHTORATE18 26 - SteelINonCompServ-Flx - Main Span Stringers									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Type 3-3_serv	BOBJ1	3.8333	After	Left Exterior Girder	3.8333	0.95	1	1	4.768648
Type 3-3_serv	BOBJ1	3.8333	After	Interior Girder 1	3.8333	0.95	1	1	2.625716
Type 3-3_serv	BOBJ1	3.8333	After	Interior Girder 2	3.8333	0.95	1	1	2.796899
Type 3-3_serv	BOBJ1	3.8333	After	Interior Girder 3	3.8333	0.95	1	1	2.774197
Type 3-3_serv	BOBJ1	3.8333	After	Interior Girder 4	3.8333	0.95	1	1	2.788934
Type 3-3_serv	BOBJ1	3.8333	After	Interior Girder 5	3.8333	0.95	1	1	2.645147
Type 3-3_serv	BOBJ1	3.8333	After	Right Exterior Girder	3.8333	0.95	1	1	4.768648
Type 3-3_serv	BOBJ1	5.75	Before	Left Exterior Girder	5.75	0.95	1	1	3.475215
Type 3-3_serv	BOBJ1	5.75	Before	Interior Girder 1	5.75	0.95	1	1	1.889509
Type 3-3_serv	BOBJ1	5.75	Before	Interior Girder 2	5.75	0.95	1	1	2.001677
Type 3-3_serv	BOBJ1	5.75	Before	Interior Girder 3	5.75	0.95	1	1	1.983356
Type 3-3_serv	BOBJ1	5.75	Before	Interior Girder 4	5.75	0.95	1	1	1.995399
Type 3-3_serv	BOBJ1	5.75	Before	Interior Girder 5	5.75	0.95	1	1	1.902482
Type 3-3_serv	BOBJ1	5.75	Before	Right Exterior Girder	5.75	0.95	1	1	3.475215
Type 3-3_serv	BOBJ1	5.75	After	Left Exterior Girder	5.75	0.95	1	1	3.476915
Type 3-3_serv	BOBJ1	5.75	After	Interior Girder 1	5.75	0.95	1	1	1.914856
Type 3-3_serv	BOBJ1	5.75	After	Interior Girder 2	5.75	0.95	1	1	2.014942
Type 3-3_serv	BOBJ1	5.75	After	Interior Girder 3	5.75	0.95	1	1	1.99732
Type 3-3_serv	BOBJ1	5.75	After	Interior Girder 4	5.75	0.95	1	1	2.00869
Type 3-3_serv	BOBJ1	5.75	After	Interior Girder 5	5.75	0.95	1	1	1.927392
Type 3-3_serv	BOBJ1	5.75	After	Right Exterior Girder	5.75	0.95	1	1	3.476915
Type 3-3_serv	BOBJ1	7.6667	Before	Left Exterior Girder	7.6667	0.95	1	1	2.919101
Type 3-3_serv	BOBJ1	7.6667	Before	Interior Girder 1	7.6667	0.95	1	1	1.59295
Type 3-3_serv	BOBJ1	7.6667	Before	Interior Girder 2	7.6667	0.95	1	1	1.669797
Type 3-3_serv	BOBJ1	7.6667	Before	Interior Girder 3	7.6667	0.95	1	1	1.65429
Type 3-3_serv	BOBJ1	7.6667	Before	Interior Girder 4	7.6667	0.95	1	1	1.66437
Type 3-3_serv	BOBJ1	7.6667	Before	Interior Girder 5	7.6667	0.95	1	1	1.602843
Type 3-3_serv	BOBJ1	7.6667	Before	Right Exterior Girder	7.6667	0.95	1	1	2.919101
Type 3-3_serv	BOBJ1	7.6667	After	Left Exterior Girder	7.6667	0.95	1	1	2.920575
Type 3-3_serv	BOBJ1	7.6667	After	Interior Girder 1	7.6667	0.95	1	1	1.607432
Type 3-3_serv	BOBJ1	7.6667	After	Interior Girder 2	7.6667	0.95	1	1	1.677344
Type 3-3_serv	BOBJ1	7.6667	After	Interior Girder 3	7.6667	0.95	1	1	1.662206
Type 3-3_serv	BOBJ1	7.6667	After	Interior Girder 4	7.6667	0.95	1	1	1.671925
Type 3-3_serv	BOBJ1	7.6667	After	Interior Girder 5	7.6667	0.95	1	1	1.617078
Type 3-3_serv	BOBJ1	7.6667	After	Right Exterior Girder	7.6667	0.95	1	1	2.920575
Type 3-3_serv	BOBJ1	9.5833	Before	Left Exterior Girder	9.5833	0.95	1	1	2.693329
Type 3-3_serv	BOBJ1	9.5833	Before	Interior Girder 1	9.5833	0.95	1	1	1.470899
Type 3-3_serv	BOBJ1	9.5833	Before	Interior Girder 2	9.5833	0.95	1	1	1.533351
Type 3-3_serv	BOBJ1	9.5833	Before	Interior Girder 3	9.5833	0.95	1	1	1.51912
Type 3-3_serv	BOBJ1	9.5833	Before	Interior Girder 4	9.5833	0.95	1	1	1.528302
Type 3-3_serv	BOBJ1	9.5833	Before	Interior Girder 5	9.5833	0.95	1	1	1.479571
Type 3-3_serv	BOBJ1	9.5833	Before	Right Exterior Girder	9.5833	0.95	1	1	2.693329
Type 3-3_serv	BOBJ1	9.5833	After	Left Exterior Girder	9.5833	0.95	1	1	2.693936
Type 3-3_serv	BOBJ1	9.5833	After	Interior Girder 1	9.5833	0.95	1	1	1.479698
Type 3-3_serv	BOBJ1	9.5833	After	Interior Girder 2	9.5833	0.95	1	1	1.537767
Type 3-3_serv	BOBJ1	9.5833	After	Interior Girder 3	9.5833	0.95	1	1	1.523692
Type 3-3_serv	BOBJ1	9.5833	After	Interior Girder 4	9.5833	0.95	1	1	1.532713
Type 3-3_serv	BOBJ1	9.5833	After	Interior Girder 5	9.5833	0.95	1	1	1.488194
Type 3-3_serv	BOBJ1	9.5833	After	Right Exterior Girder	9.5833	0.95	1	1	2.693936
Type 3-3_serv	BOBJ1	11.5	Before	Left Exterior Girder	11.5	0.95	1	1	2.686196
Type 3-3_serv	BOBJ1	11.5	Before	Interior Girder 1	11.5	0.95	1	1	1.465046
Type 3-3_serv	BOBJ1	11.5	Before	Interior Girder 2	11.5	0.95	1	1	1.518648
Type 3-3_serv	BOBJ1	11.5	Before	Interior Girder 3	11.5	0.95	1	1	1.503816
Type 3-3_serv	BOBJ1	11.5	Before	Interior Girder 4	11.5	0.95	1	1	1.513675
Type 3-3_serv	BOBJ1	11.5	Before	Interior Girder 5	11.5	0.95	1	1	1.47352
Type 3-3_serv	BOBJ1	11.5	Before	Right Exterior Girder	11.5	0.95	1	1	2.686196
Type 3-3_serv	BOBJ1	11.5	After	Left Exterior Girder	11.5	0.95	1	1	2.686302
Type 3-3_serv	BOBJ1	11.5	After	Interior Girder 1	11.5	0.95	1	1	1.465031
Type 3-3_serv	BOBJ1	11.5	After	Interior Girder 2	11.5	0.95	1	1	1.518655
Type 3-3_serv	BOBJ1	11.5	After	Interior Girder 3	11.5	0.95	1	1	1.503814
Type 3-3_serv	BOBJ1	11.5	After	Interior Girder 4	11.5	0.95	1	1	1.513682
Type 3-3_serv	BOBJ1	11.5	After	Interior Girder 5	11.5	0.95	1	1	1.473506
Type 3-3_serv	BOBJ1	11.5	After	Right Exterior Girder	11.5	0.95	1	1	2.686302
Type 3-3_serv	BOBJ1	13.4167	Before	Left Exterior Girder	13.4167	0.95	1	1	2.694267
Type 3-3_serv	BOBJ1	13.4167	Before	Interior Girder 1	13.4167	0.95	1	1	1.480196
Type 3-3_serv	BOBJ1	13.4167	Before	Interior Girder 2	13.4167	0.95	1	1	1.538135
Type 3-3_serv	BOBJ1	13.4167	Before	Interior Girder 3	13.4167	0.95	1	1	1.524046
Type 3-3_serv	BOBJ1	13.4167	Before	Interior Girder 4	13.4167	0.95	1	1	1.53308

TABLE: Bridge Super Rating AASHTORATE18 26 - SteelINonCompServ-Flx - Main Span Stringers									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Type 3-3_serv	BOBJ1	13.4167	Before	Interior Girder 5	13.4167	0.95	1	1	1.488695
Type 3-3_serv	BOBJ1	13.4167	Before	Right Exterior Girder	13.4167	0.95	1	1	2.694267
Type 3-3_serv	BOBJ1	13.4167	After	Left Exterior Girder	13.4167	0.95	1	1	2.69358
Type 3-3_serv	BOBJ1	13.4167	After	Interior Girder 1	13.4167	0.95	1	1	1.471366
Type 3-3_serv	BOBJ1	13.4167	After	Interior Girder 2	13.4167	0.95	1	1	1.533731
Type 3-3_serv	BOBJ1	13.4167	After	Interior Girder 3	13.4167	0.95	1	1	1.519469
Type 3-3_serv	BOBJ1	13.4167	After	Interior Girder 4	13.4167	0.95	1	1	1.528681
Type 3-3_serv	BOBJ1	13.4167	After	Interior Girder 5	13.4167	0.95	1	1	1.480042
Type 3-3_serv	BOBJ1	13.4167	After	Right Exterior Girder	13.4167	0.95	1	1	2.69358
Type 3-3_serv	BOBJ1	15.3333	Before	Left Exterior Girder	15.3333	0.95	1	1	2.921282
Type 3-3_serv	BOBJ1	15.3333	Before	Interior Girder 1	15.3333	0.95	1	1	1.608489
Type 3-3_serv	BOBJ1	15.3333	Before	Interior Girder 2	15.3333	0.95	1	1	1.678134
Type 3-3_serv	BOBJ1	15.3333	Before	Interior Girder 3	15.3333	0.95	1	1	1.66296
Type 3-3_serv	BOBJ1	15.3333	Before	Interior Girder 4	15.3333	0.95	1	1	1.672712
Type 3-3_serv	BOBJ1	15.3333	Before	Interior Girder 5	15.3333	0.95	1	1	1.61814
Type 3-3_serv	BOBJ1	15.3333	Before	Right Exterior Girder	15.3333	0.95	1	1	2.921282
Type 3-3_serv	BOBJ1	15.3333	After	Left Exterior Girder	15.3333	0.95	1	1	2.919755
Type 3-3_serv	BOBJ1	15.3333	After	Interior Girder 1	15.3333	0.95	1	1	1.593971
Type 3-3_serv	BOBJ1	15.3333	After	Interior Girder 2	15.3333	0.95	1	1	1.670596
Type 3-3_serv	BOBJ1	15.3333	After	Interior Girder 3	15.3333	0.95	1	1	1.655037
Type 3-3_serv	BOBJ1	15.3333	After	Interior Girder 4	15.3333	0.95	1	1	1.665167
Type 3-3_serv	BOBJ1	15.3333	After	Interior Girder 5	15.3333	0.95	1	1	1.603871
Type 3-3_serv	BOBJ1	15.3333	After	Right Exterior Girder	15.3333	0.95	1	1	2.919755
Type 3-3_serv	BOBJ1	17.25	Before	Left Exterior Girder	17.25	0.95	1	1	3.478143
Type 3-3_serv	BOBJ1	17.25	Before	Interior Girder 1	17.25	0.95	1	1	1.916704
Type 3-3_serv	BOBJ1	17.25	Before	Interior Girder 2	17.25	0.95	1	1	2.016312
Type 3-3_serv	BOBJ1	17.25	Before	Interior Girder 3	17.25	0.95	1	1	1.998635
Type 3-3_serv	BOBJ1	17.25	Before	Interior Girder 4	17.25	0.95	1	1	2.010057
Type 3-3_serv	BOBJ1	17.25	Before	Interior Girder 5	17.25	0.95	1	1	1.929252
Type 3-3_serv	BOBJ1	17.25	Before	Right Exterior Girder	17.25	0.95	1	1	3.478143
Type 3-3_serv	BOBJ1	17.25	After	Left Exterior Girder	17.25	0.95	1	1	3.476288
Type 3-3_serv	BOBJ1	17.25	After	Interior Girder 1	17.25	0.95	1	1	1.891314
Type 3-3_serv	BOBJ1	17.25	After	Interior Girder 2	17.25	0.95	1	1	2.003048
Type 3-3_serv	BOBJ1	17.25	After	Interior Girder 3	17.25	0.95	1	1	1.984663
Type 3-3_serv	BOBJ1	17.25	After	Interior Girder 4	17.25	0.95	1	1	1.996766
Type 3-3_serv	BOBJ1	17.25	After	Interior Girder 5	17.25	0.95	1	1	1.9043
Type 3-3_serv	BOBJ1	17.25	After	Right Exterior Girder	17.25	0.95	1	1	3.476288
Type 3-3_serv	BOBJ1	19.1667	Before	Left Exterior Girder	19.1667	0.95	1	1	4.770698
Type 3-3_serv	BOBJ1	19.1667	Before	Interior Girder 1	19.1667	0.95	1	1	2.629056
Type 3-3_serv	BOBJ1	19.1667	Before	Interior Girder 2	19.1667	0.95	1	1	2.799291
Type 3-3_serv	BOBJ1	19.1667	Before	Interior Girder 3	19.1667	0.95	1	1	2.776521
Type 3-3_serv	BOBJ1	19.1667	Before	Interior Girder 4	19.1667	0.95	1	1	2.791318
Type 3-3_serv	BOBJ1	19.1667	Before	Interior Girder 5	19.1667	0.95	1	1	2.648512
Type 3-3_serv	BOBJ1	19.1667	Before	Right Exterior Girder	19.1667	0.95	1	1	4.770698
Type 3-3_serv	BOBJ1	19.1667	After	Left Exterior Girder	19.1667	0.95	1	1	4.771064
Type 3-3_serv	BOBJ1	19.1667	After	Interior Girder 1	19.1667	0.95	1	1	2.57544
Type 3-3_serv	BOBJ1	19.1667	After	Interior Girder 2	19.1667	0.95	1	1	2.772217
Type 3-3_serv	BOBJ1	19.1667	After	Interior Girder 3	19.1667	0.95	1	1	2.748349
Type 3-3_serv	BOBJ1	19.1667	After	Interior Girder 4	19.1667	0.95	1	1	2.764201
Type 3-3_serv	BOBJ1	19.1667	After	Interior Girder 5	19.1667	0.95	1	1	2.595784
Type 3-3_serv	BOBJ1	19.1667	After	Right Exterior Girder	19.1667	0.95	1	1	4.771064
Type 3-3_serv	BOBJ1	21.0833	Before	Left Exterior Girder	21.0833	0.95	1	1	8.628403
Type 3-3_serv	BOBJ1	21.0833	Before	Interior Girder 1	21.0833	0.95	1	1	4.780175
Type 3-3_serv	BOBJ1	21.0833	Before	Interior Girder 2	21.0833	0.95	1	1	5.147874
Type 3-3_serv	BOBJ1	21.0833	Before	Interior Girder 3	21.0833	0.95	1	1	5.11254
Type 3-3_serv	BOBJ1	21.0833	Before	Interior Girder 4	21.0833	0.95	1	1	5.135107
Type 3-3_serv	BOBJ1	21.0833	Before	Interior Girder 5	21.0833	0.95	1	1	4.819643
Type 3-3_serv	BOBJ1	21.0833	Before	Right Exterior Girder	21.0833	0.95	1	1	8.628403
Type 3-3_serv	BOBJ1	21.0833	After	Left Exterior Girder	21.0833	0.95	1	1	8.622109
Type 3-3_serv	BOBJ1	21.0833	After	Interior Girder 1	21.0833	0.95	1	1	4.590733
Type 3-3_serv	BOBJ1	21.0833	After	Interior Girder 2	21.0833	0.95	1	1	5.028604
Type 3-3_serv	BOBJ1	21.0833	After	Interior Girder 3	21.0833	0.95	1	1	5.000619
Type 3-3_serv	BOBJ1	21.0833	After	Interior Girder 4	21.0833	0.95	1	1	5.015609
Type 3-3_serv	BOBJ1	21.0833	After	Interior Girder 5	21.0833	0.95	1	1	4.632488
Type 3-3_serv	BOBJ1	21.0833	After	Right Exterior Girder	21.0833	0.95	1	1	8.622109
Type 3-3_serv	BOBJ1	23	Before	Left Exterior Girder	23	0.95	1	1	227.886086
Type 3-3_serv	BOBJ1	23	Before	Interior Girder 1	23	0.95	1	1	142.259048
Type 3-3_serv	BOBJ1	23	Before	Interior Girder 2	23	0.95	1	1	164.231956

TABLE: Bridge Super Rating AASHTORATE18 26 - SteelINonCompServ-Flx - Main Span Stringers									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Type 3-3_serv	BOBJ1	23	Before	Interior Girder 3	23	0.95	1	1	177.783381
Type 3-3_serv	BOBJ1	23	Before	Interior Girder 4	23	0.95	1	1	162.778271
Type 3-3_serv	BOBJ1	23	Before	Interior Girder 5	23	0.95	1	1	142.222998
Type 3-3_serv	BOBJ1	23	Before	Right Exterior Girder	23	0.95	1	1	230.067557
EV2_serv	BOBJ1	0	After	Left Exterior Girder	0	0.95	1	1	154.678392
EV2_serv	BOBJ1	0	After	Interior Girder 1	0	0.95	1	1	97.218172
EV2_serv	BOBJ1	0	After	Interior Girder 2	0	0.95	1	1	111.497852
EV2_serv	BOBJ1	0	After	Interior Girder 3	0	0.95	1	1	120.55993
EV2_serv	BOBJ1	0	After	Interior Girder 4	0	0.95	1	1	110.29575
EV2_serv	BOBJ1	0	After	Interior Girder 5	0	0.95	1	1	97.218186
EV2_serv	BOBJ1	0	After	Right Exterior Girder	0	0.95	1	1	156.158236
EV2_serv	BOBJ1	1.9167	Before	Left Exterior Girder	1.9167	0.95	1	1	5.57566
EV2_serv	BOBJ1	1.9167	Before	Interior Girder 1	1.9167	0.95	1	1	2.975954
EV2_serv	BOBJ1	1.9167	Before	Interior Girder 2	1.9167	0.95	1	1	3.265107
EV2_serv	BOBJ1	1.9167	Before	Interior Girder 3	1.9167	0.95	1	1	3.255384
EV2_serv	BOBJ1	1.9167	Before	Interior Girder 4	1.9167	0.95	1	1	3.258516
EV2_serv	BOBJ1	1.9167	Before	Interior Girder 5	1.9167	0.95	1	1	3.0042
EV2_serv	BOBJ1	1.9167	Before	Right Exterior Girder	1.9167	0.95	1	1	5.575659
EV2_serv	BOBJ1	1.9167	After	Left Exterior Girder	1.9167	0.95	1	1	5.583595
EV2_serv	BOBJ1	1.9167	After	Interior Girder 1	1.9167	0.95	1	1	3.070632
EV2_serv	BOBJ1	1.9167	After	Interior Girder 2	1.9167	0.95	1	1	3.333211
EV2_serv	BOBJ1	1.9167	After	Interior Girder 3	1.9167	0.95	1	1	3.315464
EV2_serv	BOBJ1	1.9167	After	Interior Girder 4	1.9167	0.95	1	1	3.326819
EV2_serv	BOBJ1	1.9167	After	Interior Girder 5	1.9167	0.95	1	1	3.09803
EV2_serv	BOBJ1	1.9167	After	Right Exterior Girder	1.9167	0.95	1	1	5.583595
EV2_serv	BOBJ1	3.8333	Before	Left Exterior Girder	3.8333	0.95	1	1	3.090023
EV2_serv	BOBJ1	3.8333	Before	Interior Girder 1	3.8333	0.95	1	1	1.663006
EV2_serv	BOBJ1	3.8333	Before	Interior Girder 2	3.8333	0.95	1	1	1.79755
EV2_serv	BOBJ1	3.8333	Before	Interior Girder 3	3.8333	0.95	1	1	1.78414
EV2_serv	BOBJ1	3.8333	Before	Interior Girder 4	3.8333	0.95	1	1	1.793041
EV2_serv	BOBJ1	3.8333	Before	Interior Girder 5	3.8333	0.95	1	1	1.676778
EV2_serv	BOBJ1	3.8333	Before	Right Exterior Girder	3.8333	0.95	1	1	3.090023
EV2_serv	BOBJ1	3.8333	After	Left Exterior Girder	3.8333	0.95	1	1	3.090095
EV2_serv	BOBJ1	3.8333	After	Interior Girder 1	3.8333	0.95	1	1	1.689673
EV2_serv	BOBJ1	3.8333	After	Interior Girder 2	3.8333	0.95	1	1	1.811605
EV2_serv	BOBJ1	3.8333	After	Interior Girder 3	3.8333	0.95	1	1	1.798962
EV2_serv	BOBJ1	3.8333	After	Interior Girder 4	3.8333	0.95	1	1	1.807152
EV2_serv	BOBJ1	3.8333	After	Interior Girder 5	3.8333	0.95	1	1	1.703103
EV2_serv	BOBJ1	3.8333	After	Right Exterior Girder	3.8333	0.95	1	1	3.090095
EV2_serv	BOBJ1	5.75	Before	Left Exterior Girder	5.75	0.95	1	1	2.350499
EV2_serv	BOBJ1	5.75	Before	Interior Girder 1	5.75	0.95	1	1	1.264665
EV2_serv	BOBJ1	5.75	Before	Interior Girder 2	5.75	0.95	1	1	1.350681
EV2_serv	BOBJ1	5.75	Before	Interior Girder 3	5.75	0.95	1	1	1.339471
EV2_serv	BOBJ1	5.75	Before	Interior Girder 4	5.75	0.95	1	1	1.346859
EV2_serv	BOBJ1	5.75	Before	Interior Girder 5	5.75	0.95	1	1	1.274127
EV2_serv	BOBJ1	5.75	Before	Right Exterior Girder	5.75	0.95	1	1	2.350499
EV2_serv	BOBJ1	5.75	After	Left Exterior Girder	5.75	0.95	1	1	2.351325
EV2_serv	BOBJ1	5.75	After	Interior Girder 1	5.75	0.95	1	1	1.276517
EV2_serv	BOBJ1	5.75	After	Interior Girder 2	5.75	0.95	1	1	1.357181
EV2_serv	BOBJ1	5.75	After	Interior Girder 3	5.75	0.95	1	1	1.346468
EV2_serv	BOBJ1	5.75	After	Interior Girder 4	5.75	0.95	1	1	1.353396
EV2_serv	BOBJ1	5.75	After	Interior Girder 5	5.75	0.95	1	1	1.285837
EV2_serv	BOBJ1	5.75	After	Right Exterior Girder	5.75	0.95	1	1	2.351325
EV2_serv	BOBJ1	7.6667	Before	Left Exterior Girder	7.6667	0.95	1	1	2.089473
EV2_serv	BOBJ1	7.6667	Before	Interior Girder 1	7.6667	0.95	1	1	1.119205
EV2_serv	BOBJ1	7.6667	Before	Interior Girder 2	7.6667	0.95	1	1	1.186843
EV2_serv	BOBJ1	7.6667	Before	Interior Girder 3	7.6667	0.95	1	1	1.176456
EV2_serv	BOBJ1	7.6667	Before	Interior Girder 4	7.6667	0.95	1	1	1.183196
EV2_serv	BOBJ1	7.6667	Before	Interior Girder 5	7.6667	0.95	1	1	1.126849
EV2_serv	BOBJ1	7.6667	Before	Right Exterior Girder	7.6667	0.95	1	1	2.089473
EV2_serv	BOBJ1	7.6667	After	Left Exterior Girder	7.6667	0.95	1	1	2.090411
EV2_serv	BOBJ1	7.6667	After	Interior Girder 1	7.6667	0.95	1	1	1.124794
EV2_serv	BOBJ1	7.6667	After	Interior Girder 2	7.6667	0.95	1	1	1.190053
EV2_serv	BOBJ1	7.6667	After	Interior Girder 3	7.6667	0.95	1	1	1.179917
EV2_serv	BOBJ1	7.6667	After	Interior Girder 4	7.6667	0.95	1	1	1.186426
EV2_serv	BOBJ1	7.6667	After	Interior Girder 5	7.6667	0.95	1	1	1.132395
EV2_serv	BOBJ1	7.6667	After	Right Exterior Girder	7.6667	0.95	1	1	2.090411
EV2_serv	BOBJ1	9.5833	Before	Left Exterior Girder	9.5833	0.95	1	1	1.915287

TABLE: Bridge Super Rating AASHTORATE18 26 - SteelINonCompServ-Flx - Main Span Stringers									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
EV2_serv	BOBJ1	9.5833	Before	Interior Girder 1	9.5833	0.95	1	1	1.033134
EV2_serv	BOBJ1	9.5833	Before	Interior Girder 2	9.5833	0.95	1	1	1.088223
EV2_serv	BOBJ1	9.5833	Before	Interior Girder 3	9.5833	0.95	1	1	1.079116
EV2_serv	BOBJ1	9.5833	Before	Interior Girder 4	9.5833	0.95	1	1	1.085058
EV2_serv	BOBJ1	9.5833	Before	Interior Girder 5	9.5833	0.95	1	1	1.040063
EV2_serv	BOBJ1	9.5833	Before	Right Exterior Girder	9.5833	0.95	1	1	1.915287
EV2_serv	BOBJ1	9.5833	After	Left Exterior Girder	9.5833	0.95	1	1	1.915874
EV2_serv	BOBJ1	9.5833	After	Interior Girder 1	9.5833	0.95	1	1	1.035414
EV2_serv	BOBJ1	9.5833	After	Interior Girder 2	9.5833	0.95	1	1	1.089576
EV2_serv	BOBJ1	9.5833	After	Interior Girder 3	9.5833	0.95	1	1	1.080581
EV2_serv	BOBJ1	9.5833	After	Interior Girder 4	9.5833	0.95	1	1	1.086417
EV2_serv	BOBJ1	9.5833	After	Interior Girder 5	9.5833	0.95	1	1	1.042326
EV2_serv	BOBJ1	9.5833	After	Right Exterior Girder	9.5833	0.95	1	1	1.915874
EV2_serv	BOBJ1	11.5	Before	Left Exterior Girder	11.5	0.95	1	1	1.854486
EV2_serv	BOBJ1	11.5	Before	Interior Girder 1	11.5	0.95	1	1	1.002203
EV2_serv	BOBJ1	11.5	Before	Interior Girder 2	11.5	0.95	1	1	1.052624
EV2_serv	BOBJ1	11.5	Before	Interior Girder 3	11.5	0.95	1	1	1.043839
EV2_serv	BOBJ1	11.5	Before	Interior Girder 4	11.5	0.95	1	1	1.049537
EV2_serv	BOBJ1	11.5	Before	Interior Girder 5	11.5	0.95	1	1	1.008767
EV2_serv	BOBJ1	11.5	Before	Right Exterior Girder	11.5	0.95	1	1	1.854486
EV2_serv	BOBJ1	11.5	After	Left Exterior Girder	11.5	0.95	1	1	1.854496
EV2_serv	BOBJ1	11.5	After	Interior Girder 1	11.5	0.95	1	1	1.002193
EV2_serv	BOBJ1	11.5	After	Interior Girder 2	11.5	0.95	1	1	1.052629
EV2_serv	BOBJ1	11.5	After	Interior Girder 3	11.5	0.95	1	1	1.043838
EV2_serv	BOBJ1	11.5	After	Interior Girder 4	11.5	0.95	1	1	1.049542
EV2_serv	BOBJ1	11.5	After	Interior Girder 5	11.5	0.95	1	1	1.008758
EV2_serv	BOBJ1	11.5	After	Right Exterior Girder	11.5	0.95	1	1	1.854496
EV2_serv	BOBJ1	13.4167	Before	Left Exterior Girder	13.4167	0.95	1	1	1.91611
EV2_serv	BOBJ1	13.4167	Before	Interior Girder 1	13.4167	0.95	1	1	1.035762
EV2_serv	BOBJ1	13.4167	Before	Interior Girder 2	13.4167	0.95	1	1	1.089837
EV2_serv	BOBJ1	13.4167	Before	Interior Girder 3	13.4167	0.95	1	1	1.080832
EV2_serv	BOBJ1	13.4167	Before	Interior Girder 4	13.4167	0.95	1	1	1.086677
EV2_serv	BOBJ1	13.4167	Before	Interior Girder 5	13.4167	0.95	1	1	1.042677
EV2_serv	BOBJ1	13.4167	Before	Right Exterior Girder	13.4167	0.95	1	1	1.91611
EV2_serv	BOBJ1	13.4167	After	Left Exterior Girder	13.4167	0.95	1	1	1.915542
EV2_serv	BOBJ1	13.4167	After	Interior Girder 1	13.4167	0.95	1	1	1.033462
EV2_serv	BOBJ1	13.4167	After	Interior Girder 2	13.4167	0.95	1	1	1.088493
EV2_serv	BOBJ1	13.4167	After	Interior Girder 3	13.4167	0.95	1	1	1.079364
EV2_serv	BOBJ1	13.4167	After	Interior Girder 4	13.4167	0.95	1	1	1.085327
EV2_serv	BOBJ1	13.4167	After	Interior Girder 5	13.4167	0.95	1	1	1.040394
EV2_serv	BOBJ1	13.4167	After	Right Exterior Girder	13.4167	0.95	1	1	1.915542
EV2_serv	BOBJ1	15.3333	Before	Left Exterior Girder	15.3333	0.95	1	1	2.090922
EV2_serv	BOBJ1	15.3333	Before	Interior Girder 1	15.3333	0.95	1	1	1.125533
EV2_serv	BOBJ1	15.3333	Before	Interior Girder 2	15.3333	0.95	1	1	1.190613
EV2_serv	BOBJ1	15.3333	Before	Interior Girder 3	15.3333	0.95	1	1	1.180452
EV2_serv	BOBJ1	15.3333	Before	Interior Girder 4	15.3333	0.95	1	1	1.186985
EV2_serv	BOBJ1	15.3333	Before	Interior Girder 5	15.3333	0.95	1	1	1.13314
EV2_serv	BOBJ1	15.3333	Before	Right Exterior Girder	15.3333	0.95	1	1	2.090922
EV2_serv	BOBJ1	15.3333	After	Left Exterior Girder	15.3333	0.95	1	1	2.090002
EV2_serv	BOBJ1	15.3333	After	Interior Girder 1	15.3333	0.95	1	1	1.119923
EV2_serv	BOBJ1	15.3333	After	Interior Girder 2	15.3333	0.95	1	1	1.187411
EV2_serv	BOBJ1	15.3333	After	Interior Girder 3	15.3333	0.95	1	1	1.176988
EV2_serv	BOBJ1	15.3333	After	Interior Girder 4	15.3333	0.95	1	1	1.183762
EV2_serv	BOBJ1	15.3333	After	Interior Girder 5	15.3333	0.95	1	1	1.127572
EV2_serv	BOBJ1	15.3333	After	Right Exterior Girder	15.3333	0.95	1	1	2.090002
EV2_serv	BOBJ1	17.25	Before	Left Exterior Girder	17.25	0.95	1	1	2.352152
EV2_serv	BOBJ1	17.25	Before	Interior Girder 1	17.25	0.95	1	1	1.277749
EV2_serv	BOBJ1	17.25	Before	Interior Girder 2	17.25	0.95	1	1	1.358104
EV2_serv	BOBJ1	17.25	Before	Interior Girder 3	17.25	0.95	1	1	1.347355
EV2_serv	BOBJ1	17.25	Before	Interior Girder 4	17.25	0.95	1	1	1.354317
EV2_serv	BOBJ1	17.25	Before	Interior Girder 5	17.25	0.95	1	1	1.287078
EV2_serv	BOBJ1	17.25	Before	Right Exterior Girder	17.25	0.95	1	1	2.352152
EV2_serv	BOBJ1	17.25	After	Left Exterior Girder	17.25	0.95	1	1	2.351336
EV2_serv	BOBJ1	17.25	After	Interior Girder 1	17.25	0.95	1	1	1.265873
EV2_serv	BOBJ1	17.25	After	Interior Girder 2	17.25	0.95	1	1	1.351606
EV2_serv	BOBJ1	17.25	After	Interior Girder 3	17.25	0.95	1	1	1.340355
EV2_serv	BOBJ1	17.25	After	Interior Girder 4	17.25	0.95	1	1	1.347781
EV2_serv	BOBJ1	17.25	After	Interior Girder 5	17.25	0.95	1	1	1.275345

TABLE: Bridge Super Rating AASHTORATE18 26 - SteelINonCompServ-Flx - Main Span Stringers									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
EV2_serv	BOBJ1	17.25	After	Right Exterior Girder	17.25	0.95	1	1	2.351336
EV2_serv	BOBJ1	19.1667	Before	Left Exterior Girder	19.1667	0.95	1	1	3.091423
EV2_serv	BOBJ1	19.1667	Before	Interior Girder 1	19.1667	0.95	1	1	1.691822
EV2_serv	BOBJ1	19.1667	Before	Interior Girder 2	19.1667	0.95	1	1	1.813153
EV2_serv	BOBJ1	19.1667	Before	Interior Girder 3	19.1667	0.95	1	1	1.800469
EV2_serv	BOBJ1	19.1667	Before	Interior Girder 4	19.1667	0.95	1	1	1.808697
EV2_serv	BOBJ1	19.1667	Before	Interior Girder 5	19.1667	0.95	1	1	1.705269
EV2_serv	BOBJ1	19.1667	Before	Right Exterior Girder	19.1667	0.95	1	1	3.091423
EV2_serv	BOBJ1	19.1667	After	Left Exterior Girder	19.1667	0.95	1	1	3.091348
EV2_serv	BOBJ1	19.1667	After	Interior Girder 1	19.1667	0.95	1	1	1.665122
EV2_serv	BOBJ1	19.1667	After	Interior Girder 2	19.1667	0.95	1	1	1.799087
EV2_serv	BOBJ1	19.1667	After	Interior Girder 3	19.1667	0.95	1	1	1.785639
EV2_serv	BOBJ1	19.1667	After	Interior Girder 4	19.1667	0.95	1	1	1.794574
EV2_serv	BOBJ1	19.1667	After	Interior Girder 5	19.1667	0.95	1	1	1.678912
EV2_serv	BOBJ1	19.1667	After	Right Exterior Girder	19.1667	0.95	1	1	3.091348
EV2_serv	BOBJ1	21.0833	Before	Left Exterior Girder	21.0833	0.95	1	1	5.586427
EV2_serv	BOBJ1	21.0833	Before	Interior Girder 1	21.0833	0.95	1	1	3.075279
EV2_serv	BOBJ1	21.0833	Before	Interior Girder 2	21.0833	0.95	1	1	3.336579
EV2_serv	BOBJ1	21.0833	Before	Interior Girder 3	21.0833	0.95	1	1	3.318802
EV2_serv	BOBJ1	21.0833	Before	Interior Girder 4	21.0833	0.95	1	1	3.33018
EV2_serv	BOBJ1	21.0833	Before	Interior Girder 5	21.0833	0.95	1	1	3.102719
EV2_serv	BOBJ1	21.0833	Before	Right Exterior Girder	21.0833	0.95	1	1	5.586427
EV2_serv	BOBJ1	21.0833	After	Left Exterior Girder	21.0833	0.95	1	1	5.578504
EV2_serv	BOBJ1	21.0833	After	Interior Girder 1	21.0833	0.95	1	1	2.98046
EV2_serv	BOBJ1	21.0833	After	Interior Girder 2	21.0833	0.95	1	1	3.268389
EV2_serv	BOBJ1	21.0833	After	Interior Girder 3	21.0833	0.95	1	1	3.258673
EV2_serv	BOBJ1	21.0833	After	Interior Girder 4	21.0833	0.95	1	1	3.261791
EV2_serv	BOBJ1	21.0833	After	Interior Girder 5	21.0833	0.95	1	1	3.00875
EV2_serv	BOBJ1	21.0833	After	Right Exterior Girder	21.0833	0.95	1	1	5.578504
EV2_serv	BOBJ1	23	Before	Left Exterior Girder	23	0.95	1	1	154.733356
EV2_serv	BOBJ1	23	Before	Interior Girder 1	23	0.95	1	1	97.015197
EV2_serv	BOBJ1	23	Before	Interior Girder 2	23	0.95	1	1	111.382489
EV2_serv	BOBJ1	23	Before	Interior Girder 3	23	0.95	1	1	120.4343
EV2_serv	BOBJ1	23	Before	Interior Girder 4	23	0.95	1	1	110.181631
EV2_serv	BOBJ1	23	Before	Interior Girder 5	23	0.95	1	1	97.015195
EV2_serv	BOBJ1	23	Before	Right Exterior Girder	23	0.95	1	1	156.213705
EV3_serv	BOBJ1	0	After	Left Exterior Girder	0	0.95	1	1	96.876555
EV3_serv	BOBJ1	0	After	Interior Girder 1	0	0.95	1	1	60.862048
EV3_serv	BOBJ1	0	After	Interior Girder 2	0	0.95	1	1	69.979572
EV3_serv	BOBJ1	0	After	Interior Girder 3	0	0.95	1	1	75.550152
EV3_serv	BOBJ1	0	After	Interior Girder 4	0	0.95	1	1	69.378234
EV3_serv	BOBJ1	0	After	Interior Girder 5	0	0.95	1	1	60.862057
EV3_serv	BOBJ1	0	After	Right Exterior Girder	0	0.95	1	1	97.778046
EV3_serv	BOBJ1	1.9167	Before	Left Exterior Girder	1.9167	0.95	1	1	3.708692
EV3_serv	BOBJ1	1.9167	Before	Interior Girder 1	1.9167	0.95	1	1	1.989157
EV3_serv	BOBJ1	1.9167	Before	Interior Girder 2	1.9167	0.95	1	1	2.170582
EV3_serv	BOBJ1	1.9167	Before	Interior Girder 3	1.9167	0.95	1	1	2.158355
EV3_serv	BOBJ1	1.9167	Before	Interior Girder 4	1.9167	0.95	1	1	2.165002
EV3_serv	BOBJ1	1.9167	Before	Interior Girder 5	1.9167	0.95	1	1	2.00683
EV3_serv	BOBJ1	1.9167	Before	Right Exterior Girder	1.9167	0.95	1	1	3.708692
EV3_serv	BOBJ1	1.9167	After	Left Exterior Girder	1.9167	0.95	1	1	3.712972
EV3_serv	BOBJ1	1.9167	After	Interior Girder 1	1.9167	0.95	1	1	2.073526
EV3_serv	BOBJ1	1.9167	After	Interior Girder 2	1.9167	0.95	1	1	2.223608
EV3_serv	BOBJ1	1.9167	After	Interior Girder 3	1.9167	0.95	1	1	2.208496
EV3_serv	BOBJ1	1.9167	After	Interior Girder 4	1.9167	0.95	1	1	2.218136
EV3_serv	BOBJ1	1.9167	After	Interior Girder 5	1.9167	0.95	1	1	2.090163
EV3_serv	BOBJ1	1.9167	After	Right Exterior Girder	1.9167	0.95	1	1	3.712973
EV3_serv	BOBJ1	3.8333	Before	Left Exterior Girder	3.8333	0.95	1	1	2.054013
EV3_serv	BOBJ1	3.8333	Before	Interior Girder 1	3.8333	0.95	1	1	1.112697
EV3_serv	BOBJ1	3.8333	Before	Interior Girder 2	3.8333	0.95	1	1	1.19391
EV3_serv	BOBJ1	3.8333	Before	Interior Girder 3	3.8333	0.95	1	1	1.183421
EV3_serv	BOBJ1	3.8333	Before	Interior Girder 4	3.8333	0.95	1	1	1.190337
EV3_serv	BOBJ1	3.8333	Before	Interior Girder 5	3.8333	0.95	1	1	1.121189
EV3_serv	BOBJ1	3.8333	Before	Right Exterior Girder	3.8333	0.95	1	1	2.054013
EV3_serv	BOBJ1	3.8333	After	Left Exterior Girder	3.8333	0.95	1	1	2.054051
EV3_serv	BOBJ1	3.8333	After	Interior Girder 1	3.8333	0.95	1	1	1.136721
EV3_serv	BOBJ1	3.8333	After	Interior Girder 2	3.8333	0.95	1	1	1.206101
EV3_serv	BOBJ1	3.8333	After	Interior Girder 3	3.8333	0.95	1	1	1.19616

TABLE: Bridge Super Rating AASHTORATE18 26 - SteelINonCompServ-Flx - Main Span Stringers									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
EV3_serv	BOBJ1	3.8333	After	Interior Girder 4	3.8333	0.95	1	1	1.202551
EV3_serv	BOBJ1	3.8333	After	Interior Girder 5	3.8333	0.95	1	1	1.144827
EV3_serv	BOBJ1	3.8333	After	Right Exterior Girder	3.8333	0.95	1	1	2.054051
EV3_serv	BOBJ1	5.75	Before	Left Exterior Girder	5.75	0.95	1	1	1.559656
EV3_serv	BOBJ1	5.75	Before	Interior Girder 1	5.75	0.95	1	1	0.846385
EV3_serv	BOBJ1	5.75	Before	Interior Girder 2	5.75	0.95	1	1	0.896284
EV3_serv	BOBJ1	5.75	Before	Interior Girder 3	5.75	0.95	1	1	0.887859
EV3_serv	BOBJ1	5.75	Before	Interior Girder 4	5.75	0.95	1	1	0.893353
EV3_serv	BOBJ1	5.75	Before	Interior Girder 5	5.75	0.95	1	1	0.852049
EV3_serv	BOBJ1	5.75	Before	Right Exterior Girder	5.75	0.95	1	1	1.559656
EV3_serv	BOBJ1	5.75	After	Left Exterior Girder	5.75	0.95	1	1	1.560427
EV3_serv	BOBJ1	5.75	After	Interior Girder 1	5.75	0.95	1	1	0.857873
EV3_serv	BOBJ1	5.75	After	Interior Girder 2	5.75	0.95	1	1	0.902316
EV3_serv	BOBJ1	5.75	After	Interior Girder 3	5.75	0.95	1	1	0.894211
EV3_serv	BOBJ1	5.75	After	Interior Girder 4	5.75	0.95	1	1	0.899399
EV3_serv	BOBJ1	5.75	After	Interior Girder 5	5.75	0.95	1	1	0.863347
EV3_serv	BOBJ1	5.75	After	Right Exterior Girder	5.75	0.95	1	1	1.560427
EV3_serv	BOBJ1	7.6667	Before	Left Exterior Girder	7.6667	0.95	1	1	1.318304
EV3_serv	BOBJ1	7.6667	Before	Interior Girder 1	7.6667	0.95	1	1	0.719397
EV3_serv	BOBJ1	7.6667	Before	Interior Girder 2	7.6667	0.95	1	1	0.754102
EV3_serv	BOBJ1	7.6667	Before	Interior Girder 3	7.6667	0.95	1	1	0.747099
EV3_serv	BOBJ1	7.6667	Before	Interior Girder 4	7.6667	0.95	1	1	0.751651
EV3_serv	BOBJ1	7.6667	Before	Interior Girder 5	7.6667	0.95	1	1	0.723865
EV3_serv	BOBJ1	7.6667	Before	Right Exterior Girder	7.6667	0.95	1	1	1.318304
EV3_serv	BOBJ1	7.6667	After	Left Exterior Girder	7.6667	0.95	1	1	1.318969
EV3_serv	BOBJ1	7.6667	After	Interior Girder 1	7.6667	0.95	1	1	0.725937
EV3_serv	BOBJ1	7.6667	After	Interior Girder 2	7.6667	0.95	1	1	0.75751
EV3_serv	BOBJ1	7.6667	After	Interior Girder 3	7.6667	0.95	1	1	0.750674
EV3_serv	BOBJ1	7.6667	After	Interior Girder 4	7.6667	0.95	1	1	0.755063
EV3_serv	BOBJ1	7.6667	After	Interior Girder 5	7.6667	0.95	1	1	0.730293
EV3_serv	BOBJ1	7.6667	After	Right Exterior Girder	7.6667	0.95	1	1	1.318969
EV3_serv	BOBJ1	9.5833	Before	Left Exterior Girder	9.5833	0.95	1	1	1.216342
EV3_serv	BOBJ1	9.5833	Before	Interior Girder 1	9.5833	0.95	1	1	0.664277
EV3_serv	BOBJ1	9.5833	Before	Interior Girder 2	9.5833	0.95	1	1	0.692481
EV3_serv	BOBJ1	9.5833	Before	Interior Girder 3	9.5833	0.95	1	1	0.686054
EV3_serv	BOBJ1	9.5833	Before	Interior Girder 4	9.5833	0.95	1	1	0.690201
EV3_serv	BOBJ1	9.5833	Before	Interior Girder 5	9.5833	0.95	1	1	0.668193
EV3_serv	BOBJ1	9.5833	Before	Right Exterior Girder	9.5833	0.95	1	1	1.216342
EV3_serv	BOBJ1	9.5833	After	Left Exterior Girder	9.5833	0.95	1	1	1.216616
EV3_serv	BOBJ1	9.5833	After	Interior Girder 1	9.5833	0.95	1	1	0.668251
EV3_serv	BOBJ1	9.5833	After	Interior Girder 2	9.5833	0.95	1	1	0.694475
EV3_serv	BOBJ1	9.5833	After	Interior Girder 3	9.5833	0.95	1	1	0.688119
EV3_serv	BOBJ1	9.5833	After	Interior Girder 4	9.5833	0.95	1	1	0.692193
EV3_serv	BOBJ1	9.5833	After	Interior Girder 5	9.5833	0.95	1	1	0.672088
EV3_serv	BOBJ1	9.5833	After	Right Exterior Girder	9.5833	0.95	1	1	1.216616
EV3_serv	BOBJ1	11.5	Before	Left Exterior Girder	11.5	0.95	1	1	1.213121
EV3_serv	BOBJ1	11.5	Before	Interior Girder 1	11.5	0.95	1	1	0.661633
EV3_serv	BOBJ1	11.5	Before	Interior Girder 2	11.5	0.95	1	1	0.685841
EV3_serv	BOBJ1	11.5	Before	Interior Girder 3	11.5	0.95	1	1	0.679143
EV3_serv	BOBJ1	11.5	Before	Interior Girder 4	11.5	0.95	1	1	0.683595
EV3_serv	BOBJ1	11.5	Before	Interior Girder 5	11.5	0.95	1	1	0.665461
EV3_serv	BOBJ1	11.5	Before	Right Exterior Girder	11.5	0.95	1	1	1.213121
EV3_serv	BOBJ1	11.5	After	Left Exterior Girder	11.5	0.95	1	1	1.213169
EV3_serv	BOBJ1	11.5	After	Interior Girder 1	11.5	0.95	1	1	0.661627
EV3_serv	BOBJ1	11.5	After	Interior Girder 2	11.5	0.95	1	1	0.685844
EV3_serv	BOBJ1	11.5	After	Interior Girder 3	11.5	0.95	1	1	0.679142
EV3_serv	BOBJ1	11.5	After	Interior Girder 4	11.5	0.95	1	1	0.683598
EV3_serv	BOBJ1	11.5	After	Interior Girder 5	11.5	0.95	1	1	0.665454
EV3_serv	BOBJ1	11.5	After	Right Exterior Girder	11.5	0.95	1	1	1.213169
EV3_serv	BOBJ1	13.4167	Before	Left Exterior Girder	13.4167	0.95	1	1	1.216766
EV3_serv	BOBJ1	13.4167	Before	Interior Girder 1	13.4167	0.95	1	1	0.668476
EV3_serv	BOBJ1	13.4167	Before	Interior Girder 2	13.4167	0.95	1	1	0.694642
EV3_serv	BOBJ1	13.4167	Before	Interior Girder 3	13.4167	0.95	1	1	0.688279
EV3_serv	BOBJ1	13.4167	Before	Interior Girder 4	13.4167	0.95	1	1	0.692359
EV3_serv	BOBJ1	13.4167	Before	Interior Girder 5	13.4167	0.95	1	1	0.672314
EV3_serv	BOBJ1	13.4167	Before	Right Exterior Girder	13.4167	0.95	1	1	1.216766
EV3_serv	BOBJ1	13.4167	After	Left Exterior Girder	13.4167	0.95	1	1	1.216455
EV3_serv	BOBJ1	13.4167	After	Interior Girder 1	13.4167	0.95	1	1	0.664488

TABLE: Bridge Super Rating AASHTORATE18 26 - SteelINonCompServ-Flx - Main Span Stringers									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
EV3_serv	BOBJ1	13.4167	After	Interior Girder 2	13.4167	0.95	1	1	0.692653
EV3_serv	BOBJ1	13.4167	After	Interior Girder 3	13.4167	0.95	1	1	0.686212
EV3_serv	BOBJ1	13.4167	After	Interior Girder 4	13.4167	0.95	1	1	0.690372
EV3_serv	BOBJ1	13.4167	After	Interior Girder 5	13.4167	0.95	1	1	0.668406
EV3_serv	BOBJ1	13.4167	After	Right Exterior Girder	13.4167	0.95	1	1	1.216455
EV3_serv	BOBJ1	15.3333	Before	Left Exterior Girder	15.3333	0.95	1	1	1.319289
EV3_serv	BOBJ1	15.3333	Before	Interior Girder 1	15.3333	0.95	1	1	0.726414
EV3_serv	BOBJ1	15.3333	Before	Interior Girder 2	15.3333	0.95	1	1	0.757867
EV3_serv	BOBJ1	15.3333	Before	Interior Girder 3	15.3333	0.95	1	1	0.751014
EV3_serv	BOBJ1	15.3333	Before	Interior Girder 4	15.3333	0.95	1	1	0.755418
EV3_serv	BOBJ1	15.3333	Before	Interior Girder 5	15.3333	0.95	1	1	0.730773
EV3_serv	BOBJ1	15.3333	Before	Right Exterior Girder	15.3333	0.95	1	1	1.319289
EV3_serv	BOBJ1	15.3333	After	Left Exterior Girder	15.3333	0.95	1	1	1.318599
EV3_serv	BOBJ1	15.3333	After	Interior Girder 1	15.3333	0.95	1	1	0.719858
EV3_serv	BOBJ1	15.3333	After	Interior Girder 2	15.3333	0.95	1	1	0.754463
EV3_serv	BOBJ1	15.3333	After	Interior Girder 3	15.3333	0.95	1	1	0.747436
EV3_serv	BOBJ1	15.3333	After	Interior Girder 4	15.3333	0.95	1	1	0.752011
EV3_serv	BOBJ1	15.3333	After	Interior Girder 5	15.3333	0.95	1	1	0.724329
EV3_serv	BOBJ1	15.3333	After	Right Exterior Girder	15.3333	0.95	1	1	1.318599
EV3_serv	BOBJ1	17.25	Before	Left Exterior Girder	17.25	0.95	1	1	1.560978
EV3_serv	BOBJ1	17.25	Before	Interior Girder 1	17.25	0.95	1	1	0.858701
EV3_serv	BOBJ1	17.25	Before	Interior Girder 2	17.25	0.95	1	1	0.90293
EV3_serv	BOBJ1	17.25	Before	Interior Girder 3	17.25	0.95	1	1	0.894799
EV3_serv	BOBJ1	17.25	Before	Interior Girder 4	17.25	0.95	1	1	0.90001
EV3_serv	BOBJ1	17.25	Before	Interior Girder 5	17.25	0.95	1	1	0.864181
EV3_serv	BOBJ1	17.25	Before	Right Exterior Girder	17.25	0.95	1	1	1.560978
EV3_serv	BOBJ1	17.25	After	Left Exterior Girder	17.25	0.95	1	1	1.560138
EV3_serv	BOBJ1	17.25	After	Interior Girder 1	17.25	0.95	1	1	0.847194
EV3_serv	BOBJ1	17.25	After	Interior Girder 2	17.25	0.95	1	1	0.896897
EV3_serv	BOBJ1	17.25	After	Interior Girder 3	17.25	0.95	1	1	0.888444
EV3_serv	BOBJ1	17.25	After	Interior Girder 4	17.25	0.95	1	1	0.893965
EV3_serv	BOBJ1	17.25	After	Interior Girder 5	17.25	0.95	1	1	0.852863
EV3_serv	BOBJ1	17.25	After	Right Exterior Girder	17.25	0.95	1	1	1.560138
EV3_serv	BOBJ1	19.1667	Before	Left Exterior Girder	19.1667	0.95	1	1	2.054934
EV3_serv	BOBJ1	19.1667	Before	Interior Girder 1	19.1667	0.95	1	1	1.138167
EV3_serv	BOBJ1	19.1667	Before	Interior Girder 2	19.1667	0.95	1	1	1.207132
EV3_serv	BOBJ1	19.1667	Before	Interior Girder 3	19.1667	0.95	1	1	1.197162
EV3_serv	BOBJ1	19.1667	Before	Interior Girder 4	19.1667	0.95	1	1	1.203579
EV3_serv	BOBJ1	19.1667	Before	Interior Girder 5	19.1667	0.95	1	1	1.146283
EV3_serv	BOBJ1	19.1667	Before	Right Exterior Girder	19.1667	0.95	1	1	2.054934
EV3_serv	BOBJ1	19.1667	After	Left Exterior Girder	19.1667	0.95	1	1	2.054894
EV3_serv	BOBJ1	19.1667	After	Interior Girder 1	19.1667	0.95	1	1	1.114113
EV3_serv	BOBJ1	19.1667	After	Interior Girder 2	19.1667	0.95	1	1	1.194931
EV3_serv	BOBJ1	19.1667	After	Interior Girder 3	19.1667	0.95	1	1	1.184415
EV3_serv	BOBJ1	19.1667	After	Interior Girder 4	19.1667	0.95	1	1	1.191355
EV3_serv	BOBJ1	19.1667	After	Interior Girder 5	19.1667	0.95	1	1	1.122616
EV3_serv	BOBJ1	19.1667	After	Right Exterior Girder	19.1667	0.95	1	1	2.054894
EV3_serv	BOBJ1	21.0833	Before	Left Exterior Girder	21.0833	0.95	1	1	3.714856
EV3_serv	BOBJ1	21.0833	Before	Interior Girder 1	21.0833	0.95	1	1	2.076664
EV3_serv	BOBJ1	21.0833	Before	Interior Girder 2	21.0833	0.95	1	1	2.225854
EV3_serv	BOBJ1	21.0833	Before	Interior Girder 3	21.0833	0.95	1	1	2.210719
EV3_serv	BOBJ1	21.0833	Before	Interior Girder 4	21.0833	0.95	1	1	2.220377
EV3_serv	BOBJ1	21.0833	Before	Interior Girder 5	21.0833	0.95	1	1	2.093326
EV3_serv	BOBJ1	21.0833	Before	Right Exterior Girder	21.0833	0.95	1	1	3.714856
EV3_serv	BOBJ1	21.0833	After	Left Exterior Girder	21.0833	0.95	1	1	3.710592
EV3_serv	BOBJ1	21.0833	After	Interior Girder 1	21.0833	0.95	1	1	1.992169
EV3_serv	BOBJ1	21.0833	After	Interior Girder 2	21.0833	0.95	1	1	2.172764
EV3_serv	BOBJ1	21.0833	After	Interior Girder 3	21.0833	0.95	1	1	2.160535
EV3_serv	BOBJ1	21.0833	After	Interior Girder 4	21.0833	0.95	1	1	2.167178
EV3_serv	BOBJ1	21.0833	After	Interior Girder 5	21.0833	0.95	1	1	2.009869
EV3_serv	BOBJ1	21.0833	After	Right Exterior Girder	21.0833	0.95	1	1	3.710592
EV3_serv	BOBJ1	23	Before	Left Exterior Girder	23	0.95	1	1	96.910979
EV3_serv	BOBJ1	23	Before	Interior Girder 1	23	0.95	1	1	60.734978
EV3_serv	BOBJ1	23	Before	Interior Girder 2	23	0.95	1	1	69.907166
EV3_serv	BOBJ1	23	Before	Interior Girder 3	23	0.95	1	1	75.471425
EV3_serv	BOBJ1	23	Before	Interior Girder 4	23	0.95	1	1	69.306451
EV3_serv	BOBJ1	23	Before	Interior Girder 5	23	0.95	1	1	60.734977
EV3_serv	BOBJ1	23	Before	Right Exterior Girder	23	0.95	1	1	97.812778

TABLE: Bridge Super Rating AASHTORATE18 26 - SteelINonCompServ-Flx - Main Span Stringers

Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Gravel Truck_serv	BOBJ1	0	After	Left Exterior Girder	0	0.95	1	1	123.082385
Gravel Truck_serv	BOBJ1	0	After	Interior Girder 1	0	0.95	1	1	76.855224
Gravel Truck_serv	BOBJ1	0	After	Interior Girder 2	0	0.95	1	1	89.017887
Gravel Truck_serv	BOBJ1	0	After	Interior Girder 3	0	0.95	1	1	96.629118
Gravel Truck_serv	BOBJ1	0	After	Interior Girder 4	0	0.95	1	1	88.206364
Gravel Truck_serv	BOBJ1	0	After	Interior Girder 5	0	0.95	1	1	76.85523
Gravel Truck_serv	BOBJ1	0	After	Right Exterior Girder	0	0.95	1	1	124.173449
Gravel Truck_serv	BOBJ1	1.9167	Before	Left Exterior Girder	1.9167	0.95	1	1	4.912638
Gravel Truck_serv	BOBJ1	1.9167	Before	Interior Girder 1	1.9167	0.95	1	1	2.660085
Gravel Truck_serv	BOBJ1	1.9167	Before	Interior Girder 2	1.9167	0.95	1	1	2.88041
Gravel Truck_serv	BOBJ1	1.9167	Before	Interior Girder 3	1.9167	0.95	1	1	2.861202
Gravel Truck_serv	BOBJ1	1.9167	Before	Interior Girder 4	1.9167	0.95	1	1	2.872134
Gravel Truck_serv	BOBJ1	1.9167	Before	Interior Girder 5	1.9167	0.95	1	1	2.682048
Gravel Truck_serv	BOBJ1	1.9167	Before	Right Exterior Girder	1.9167	0.95	1	1	4.912638
Gravel Truck_serv	BOBJ1	1.9167	After	Left Exterior Girder	1.9167	0.95	1	1	4.919598
Gravel Truck_serv	BOBJ1	1.9167	After	Interior Girder 1	1.9167	0.95	1	1	2.784854
Gravel Truck_serv	BOBJ1	1.9167	After	Interior Girder 2	1.9167	0.95	1	1	2.956932
Gravel Truck_serv	BOBJ1	1.9167	After	Interior Girder 3	1.9167	0.95	1	1	2.935173
Gravel Truck_serv	BOBJ1	1.9167	After	Interior Girder 4	1.9167	0.95	1	1	2.948874
Gravel Truck_serv	BOBJ1	1.9167	After	Interior Girder 5	1.9167	0.95	1	1	2.805255
Gravel Truck_serv	BOBJ1	1.9167	After	Right Exterior Girder	1.9167	0.95	1	1	4.919598
Gravel Truck_serv	BOBJ1	3.8333	Before	Left Exterior Girder	3.8333	0.95	1	1	2.776658
Gravel Truck_serv	BOBJ1	3.8333	Before	Interior Girder 1	3.8333	0.95	1	1	1.515452
Gravel Truck_serv	BOBJ1	3.8333	Before	Interior Girder 2	3.8333	0.95	1	1	1.615136
Gravel Truck_serv	BOBJ1	3.8333	Before	Interior Girder 3	3.8333	0.95	1	1	1.600002
Gravel Truck_serv	BOBJ1	3.8333	Before	Interior Girder 4	3.8333	0.95	1	1	1.609882
Gravel Truck_serv	BOBJ1	3.8333	Before	Interior Girder 5	3.8333	0.95	1	1	1.52606
Gravel Truck_serv	BOBJ1	3.8333	Before	Right Exterior Girder	3.8333	0.95	1	1	2.776658
Gravel Truck_serv	BOBJ1	3.8333	After	Left Exterior Girder	3.8333	0.95	1	1	2.777119
Gravel Truck_serv	BOBJ1	3.8333	After	Interior Girder 1	3.8333	0.95	1	1	1.551366
Gravel Truck_serv	BOBJ1	3.8333	After	Interior Girder 2	3.8333	0.95	1	1	1.63348
Gravel Truck_serv	BOBJ1	3.8333	After	Interior Girder 3	3.8333	0.95	1	1	1.619209
Gravel Truck_serv	BOBJ1	3.8333	After	Interior Girder 4	3.8333	0.95	1	1	1.628277
Gravel Truck_serv	BOBJ1	3.8333	After	Interior Girder 5	3.8333	0.95	1	1	1.561407
Gravel Truck_serv	BOBJ1	3.8333	After	Right Exterior Girder	3.8333	0.95	1	1	2.777119
Gravel Truck_serv	BOBJ1	5.75	Before	Left Exterior Girder	5.75	0.95	1	1	2.055478
Gravel Truck_serv	BOBJ1	5.75	Before	Interior Girder 1	5.75	0.95	1	1	1.130979
Gravel Truck_serv	BOBJ1	5.75	Before	Interior Girder 2	5.75	0.95	1	1	1.187963
Gravel Truck_serv	BOBJ1	5.75	Before	Interior Girder 3	5.75	0.95	1	1	1.176674
Gravel Truck_serv	BOBJ1	5.75	Before	Interior Girder 4	5.75	0.95	1	1	1.184032
Gravel Truck_serv	BOBJ1	5.75	Before	Interior Girder 5	5.75	0.95	1	1	1.138051
Gravel Truck_serv	BOBJ1	5.75	Before	Right Exterior Girder	5.75	0.95	1	1	2.055478
Gravel Truck_serv	BOBJ1	5.75	After	Left Exterior Girder	5.75	0.95	1	1	2.056764
Gravel Truck_serv	BOBJ1	5.75	After	Interior Girder 1	5.75	0.95	1	1	1.148185
Gravel Truck_serv	BOBJ1	5.75	After	Interior Girder 2	5.75	0.95	1	1	1.196971
Gravel Truck_serv	BOBJ1	5.75	After	Interior Girder 3	5.75	0.95	1	1	1.186184
Gravel Truck_serv	BOBJ1	5.75	After	Interior Girder 4	5.75	0.95	1	1	1.193065
Gravel Truck_serv	BOBJ1	5.75	After	Interior Girder 5	5.75	0.95	1	1	1.154961
Gravel Truck_serv	BOBJ1	5.75	After	Right Exterior Girder	5.75	0.95	1	1	2.056764
Gravel Truck_serv	BOBJ1	7.6667	Before	Left Exterior Girder	7.6667	0.95	1	1	1.756967
Gravel Truck_serv	BOBJ1	7.6667	Before	Interior Girder 1	7.6667	0.95	1	1	0.958169
Gravel Truck_serv	BOBJ1	7.6667	Before	Interior Girder 2	7.6667	0.95	1	1	1.001279
Gravel Truck_serv	BOBJ1	7.6667	Before	Interior Girder 3	7.6667	0.95	1	1	0.991771
Gravel Truck_serv	BOBJ1	7.6667	Before	Interior Girder 4	7.6667	0.95	1	1	0.997888
Gravel Truck_serv	BOBJ1	7.6667	Before	Interior Girder 5	7.6667	0.95	1	1	0.963999
Gravel Truck_serv	BOBJ1	7.6667	Before	Right Exterior Girder	7.6667	0.95	1	1	1.756967
Gravel Truck_serv	BOBJ1	7.6667	After	Left Exterior Girder	7.6667	0.95	1	1	1.757795
Gravel Truck_serv	BOBJ1	7.6667	After	Interior Girder 1	7.6667	0.95	1	1	0.965017
Gravel Truck_serv	BOBJ1	7.6667	After	Interior Girder 2	7.6667	0.95	1	1	1.004159
Gravel Truck_serv	BOBJ1	7.6667	After	Interior Girder 3	7.6667	0.95	1	1	0.994898
Gravel Truck_serv	BOBJ1	7.6667	After	Interior Girder 4	7.6667	0.95	1	1	1.000787
Gravel Truck_serv	BOBJ1	7.6667	After	Interior Girder 5	7.6667	0.95	1	1	0.970751
Gravel Truck_serv	BOBJ1	7.6667	After	Right Exterior Girder	7.6667	0.95	1	1	1.757795
Gravel Truck_serv	BOBJ1	9.5833	Before	Left Exterior Girder	9.5833	0.95	1	1	1.557709
Gravel Truck_serv	BOBJ1	9.5833	Before	Interior Girder 1	9.5833	0.95	1	1	0.852734
Gravel Truck_serv	BOBJ1	9.5833	Before	Interior Girder 2	9.5833	0.95	1	1	0.886861
Gravel Truck_serv	BOBJ1	9.5833	Before	Interior Girder 3	9.5833	0.95	1	1	0.878329
Gravel Truck_serv	BOBJ1	9.5833	Before	Interior Girder 4	9.5833	0.95	1	1	0.883832

TABLE: Bridge Super Rating AASHTORATE18 26 - SteelINonCompServ-Flx - Main Span Stringers									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Gravel Truck_serv	BOBJ1	9.5833	Before	Interior Girder 5	9.5833	0.95	1	1	0.857583
Gravel Truck_serv	BOBJ1	9.5833	Before	Right Exterior Girder	9.5833	0.95	1	1	1.557709
Gravel Truck_serv	BOBJ1	9.5833	After	Left Exterior Girder	9.5833	0.95	1	1	1.558091
Gravel Truck_serv	BOBJ1	9.5833	After	Interior Girder 1	9.5833	0.95	1	1	0.855878
Gravel Truck_serv	BOBJ1	9.5833	After	Interior Girder 2	9.5833	0.95	1	1	0.888558
Gravel Truck_serv	BOBJ1	9.5833	After	Interior Girder 3	9.5833	0.95	1	1	0.880138
Gravel Truck_serv	BOBJ1	9.5833	After	Interior Girder 4	9.5833	0.95	1	1	0.885534
Gravel Truck_serv	BOBJ1	9.5833	After	Interior Girder 5	9.5833	0.95	1	1	0.860685
Gravel Truck_serv	BOBJ1	9.5833	After	Right Exterior Girder	9.5833	0.95	1	1	1.558091
Gravel Truck_serv	BOBJ1	11.5	Before	Left Exterior Girder	11.5	0.95	1	1	1.510384
Gravel Truck_serv	BOBJ1	11.5	Before	Interior Girder 1	11.5	0.95	1	1	0.828007
Gravel Truck_serv	BOBJ1	11.5	Before	Interior Girder 2	11.5	0.95	1	1	0.85889
Gravel Truck_serv	BOBJ1	11.5	Before	Interior Girder 3	11.5	0.95	1	1	0.850692
Gravel Truck_serv	BOBJ1	11.5	Before	Interior Girder 4	11.5	0.95	1	1	0.855954
Gravel Truck_serv	BOBJ1	11.5	Before	Interior Girder 5	11.5	0.95	1	1	0.832616
Gravel Truck_serv	BOBJ1	11.5	Before	Right Exterior Girder	11.5	0.95	1	1	1.510384
Gravel Truck_serv	BOBJ1	11.5	After	Left Exterior Girder	11.5	0.95	1	1	1.510434
Gravel Truck_serv	BOBJ1	11.5	After	Interior Girder 1	11.5	0.95	1	1	0.827999
Gravel Truck_serv	BOBJ1	11.5	After	Interior Girder 2	11.5	0.95	1	1	0.858894
Gravel Truck_serv	BOBJ1	11.5	After	Interior Girder 3	11.5	0.95	1	1	0.850691
Gravel Truck_serv	BOBJ1	11.5	After	Interior Girder 4	11.5	0.95	1	1	0.855957
Gravel Truck_serv	BOBJ1	11.5	After	Interior Girder 5	11.5	0.95	1	1	0.832608
Gravel Truck_serv	BOBJ1	11.5	After	Right Exterior Girder	11.5	0.95	1	1	1.510434
Gravel Truck_serv	BOBJ1	13.4167	Before	Left Exterior Girder	13.4167	0.95	1	1	1.558283
Gravel Truck_serv	BOBJ1	13.4167	Before	Interior Girder 1	13.4167	0.95	1	1	0.856166
Gravel Truck_serv	BOBJ1	13.4167	Before	Interior Girder 2	13.4167	0.95	1	1	0.888771
Gravel Truck_serv	BOBJ1	13.4167	Before	Interior Girder 3	13.4167	0.95	1	1	0.880342
Gravel Truck_serv	BOBJ1	13.4167	Before	Interior Girder 4	13.4167	0.95	1	1	0.885746
Gravel Truck_serv	BOBJ1	13.4167	Before	Interior Girder 5	13.4167	0.95	1	1	0.860975
Gravel Truck_serv	BOBJ1	13.4167	Before	Right Exterior Girder	13.4167	0.95	1	1	1.558283
Gravel Truck_serv	BOBJ1	13.4167	After	Left Exterior Girder	13.4167	0.95	1	1	1.55787
Gravel Truck_serv	BOBJ1	13.4167	After	Interior Girder 1	13.4167	0.95	1	1	0.853005
Gravel Truck_serv	BOBJ1	13.4167	After	Interior Girder 2	13.4167	0.95	1	1	0.887081
Gravel Truck_serv	BOBJ1	13.4167	After	Interior Girder 3	13.4167	0.95	1	1	0.878531
Gravel Truck_serv	BOBJ1	13.4167	After	Interior Girder 4	13.4167	0.95	1	1	0.884051
Gravel Truck_serv	BOBJ1	13.4167	After	Interior Girder 5	13.4167	0.95	1	1	0.857855
Gravel Truck_serv	BOBJ1	13.4167	After	Right Exterior Girder	13.4167	0.95	1	1	1.55787
Gravel Truck_serv	BOBJ1	15.3333	Before	Left Exterior Girder	15.3333	0.95	1	1	1.758213
Gravel Truck_serv	BOBJ1	15.3333	Before	Interior Girder 1	15.3333	0.95	1	1	0.965651
Gravel Truck_serv	BOBJ1	15.3333	Before	Interior Girder 2	15.3333	0.95	1	1	1.004632
Gravel Truck_serv	BOBJ1	15.3333	Before	Interior Girder 3	15.3333	0.95	1	1	0.99535
Gravel Truck_serv	BOBJ1	15.3333	Before	Interior Girder 4	15.3333	0.95	1	1	1.001258
Gravel Truck_serv	BOBJ1	15.3333	Before	Interior Girder 5	15.3333	0.95	1	1	0.971388
Gravel Truck_serv	BOBJ1	15.3333	Before	Right Exterior Girder	15.3333	0.95	1	1	1.758213
Gravel Truck_serv	BOBJ1	15.3333	After	Left Exterior Girder	15.3333	0.95	1	1	1.757382
Gravel Truck_serv	BOBJ1	15.3333	After	Interior Girder 1	15.3333	0.95	1	1	0.958783
Gravel Truck_serv	BOBJ1	15.3333	After	Interior Girder 2	15.3333	0.95	1	1	1.001758
Gravel Truck_serv	BOBJ1	15.3333	After	Interior Girder 3	15.3333	0.95	1	1	0.992219
Gravel Truck_serv	BOBJ1	15.3333	After	Interior Girder 4	15.3333	0.95	1	1	0.998366
Gravel Truck_serv	BOBJ1	15.3333	After	Interior Girder 5	15.3333	0.95	1	1	0.964617
Gravel Truck_serv	BOBJ1	15.3333	After	Right Exterior Girder	15.3333	0.95	1	1	1.757382
Gravel Truck_serv	BOBJ1	17.25	Before	Left Exterior Girder	17.25	0.95	1	1	2.057562
Gravel Truck_serv	BOBJ1	17.25	Before	Interior Girder 1	17.25	0.95	1	1	1.149293
Gravel Truck_serv	BOBJ1	17.25	Before	Interior Girder 2	17.25	0.95	1	1	1.197785
Gravel Truck_serv	BOBJ1	17.25	Before	Interior Girder 3	17.25	0.95	1	1	1.186965
Gravel Truck_serv	BOBJ1	17.25	Before	Interior Girder 4	17.25	0.95	1	1	1.193877
Gravel Truck_serv	BOBJ1	17.25	Before	Interior Girder 5	17.25	0.95	1	1	1.156075
Gravel Truck_serv	BOBJ1	17.25	Before	Right Exterior Girder	17.25	0.95	1	1	2.057562
Gravel Truck_serv	BOBJ1	17.25	After	Left Exterior Girder	17.25	0.95	1	1	2.056224
Gravel Truck_serv	BOBJ1	17.25	After	Interior Girder 1	17.25	0.95	1	1	1.132059
Gravel Truck_serv	BOBJ1	17.25	After	Interior Girder 2	17.25	0.95	1	1	1.188776
Gravel Truck_serv	BOBJ1	17.25	After	Interior Girder 3	17.25	0.95	1	1	1.17745
Gravel Truck_serv	BOBJ1	17.25	After	Interior Girder 4	17.25	0.95	1	1	1.184843
Gravel Truck_serv	BOBJ1	17.25	After	Interior Girder 5	17.25	0.95	1	1	1.139139
Gravel Truck_serv	BOBJ1	17.25	After	Right Exterior Girder	17.25	0.95	1	1	2.056224
Gravel Truck_serv	BOBJ1	19.1667	Before	Left Exterior Girder	19.1667	0.95	1	1	2.778313
Gravel Truck_serv	BOBJ1	19.1667	Before	Interior Girder 1	19.1667	0.95	1	1	1.553339
Gravel Truck_serv	BOBJ1	19.1667	Before	Interior Girder 2	19.1667	0.95	1	1	1.634877

TABLE: Bridge Super Rating AASHTORATE18 26 - SteelINonCompServ-Flx - Main Span Stringers									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Gravel Truck_serv	BOBJ1	19.1667	Before	Interior Girder 3	19.1667	0.95	1	1	1.620565
Gravel Truck_serv	BOBJ1	19.1667	Before	Interior Girder 4	19.1667	0.95	1	1	1.62967
Gravel Truck_serv	BOBJ1	19.1667	Before	Interior Girder 5	19.1667	0.95	1	1	1.563394
Gravel Truck_serv	BOBJ1	19.1667	Before	Right Exterior Girder	19.1667	0.95	1	1	2.778313
Gravel Truck_serv	BOBJ1	19.1667	After	Left Exterior Girder	19.1667	0.95	1	1	2.777849
Gravel Truck_serv	BOBJ1	19.1667	After	Interior Girder 1	19.1667	0.95	1	1	1.51738
Gravel Truck_serv	BOBJ1	19.1667	After	Interior Girder 2	19.1667	0.95	1	1	1.616517
Gravel Truck_serv	BOBJ1	19.1667	After	Interior Girder 3	19.1667	0.95	1	1	1.601346
Gravel Truck_serv	BOBJ1	19.1667	After	Interior Girder 4	19.1667	0.95	1	1	1.611259
Gravel Truck_serv	BOBJ1	19.1667	After	Interior Girder 5	19.1667	0.95	1	1	1.528002
Gravel Truck_serv	BOBJ1	19.1667	After	Right Exterior Girder	19.1667	0.95	1	1	2.777849
Gravel Truck_serv	BOBJ1	21.0833	Before	Left Exterior Girder	21.0833	0.95	1	1	4.922093
Gravel Truck_serv	BOBJ1	21.0833	Before	Interior Girder 1	21.0833	0.95	1	1	2.789068
Gravel Truck_serv	BOBJ1	21.0833	Before	Interior Girder 2	21.0833	0.95	1	1	2.959919
Gravel Truck_serv	BOBJ1	21.0833	Before	Interior Girder 3	21.0833	0.95	1	1	2.938128
Gravel Truck_serv	BOBJ1	21.0833	Before	Interior Girder 4	21.0833	0.95	1	1	2.951853
Gravel Truck_serv	BOBJ1	21.0833	Before	Interior Girder 5	21.0833	0.95	1	1	2.8095
Gravel Truck_serv	BOBJ1	21.0833	Before	Right Exterior Girder	21.0833	0.95	1	1	4.922093
Gravel Truck_serv	BOBJ1	21.0833	After	Left Exterior Girder	21.0833	0.95	1	1	4.915355
Gravel Truck_serv	BOBJ1	21.0833	After	Interior Girder 1	21.0833	0.95	1	1	2.664113
Gravel Truck_serv	BOBJ1	21.0833	After	Interior Girder 2	21.0833	0.95	1	1	2.883306
Gravel Truck_serv	BOBJ1	21.0833	After	Interior Girder 3	21.0833	0.95	1	1	2.864092
Gravel Truck_serv	BOBJ1	21.0833	After	Interior Girder 4	21.0833	0.95	1	1	2.875021
Gravel Truck_serv	BOBJ1	21.0833	After	Interior Girder 5	21.0833	0.95	1	1	2.686109
Gravel Truck_serv	BOBJ1	21.0833	After	Right Exterior Girder	21.0833	0.95	1	1	4.915355
Gravel Truck_serv	BOBJ1	23	Before	Left Exterior Girder	23	0.95	1	1	123.126121
Gravel Truck_serv	BOBJ1	23	Before	Interior Girder 1	23	0.95	1	1	76.694764
Gravel Truck_serv	BOBJ1	23	Before	Interior Girder 2	23	0.95	1	1	88.925783
Gravel Truck_serv	BOBJ1	23	Before	Interior Girder 3	23	0.95	1	1	96.528426
Gravel Truck_serv	BOBJ1	23	Before	Interior Girder 4	23	0.95	1	1	88.115099
Gravel Truck_serv	BOBJ1	23	Before	Interior Girder 5	23	0.95	1	1	76.694757
Gravel Truck_serv	BOBJ1	23	Before	Right Exterior Girder	23	0.95	1	1	124.217557
Annual Perm 1_serv	BOBJ1	0	After	Left Exterior Girder	0	0.95	1	1	153.003613
Annual Perm 1_serv	BOBJ1	0	After	Interior Girder 1	0	0.95	1	1	96.249861
Annual Perm 1_serv	BOBJ1	0	After	Interior Girder 2	0	0.95	1	1	111.375917
Annual Perm 1_serv	BOBJ1	0	After	Interior Girder 3	0	0.95	1	1	123.103647
Annual Perm 1_serv	BOBJ1	0	After	Interior Girder 4	0	0.95	1	1	110.348549
Annual Perm 1_serv	BOBJ1	0	After	Interior Girder 5	0	0.95	1	1	96.227233
Annual Perm 1_serv	BOBJ1	0	After	Right Exterior Girder	0	0.95	1	1	154.311582
Annual Perm 1_serv	BOBJ1	1.9167	Before	Left Exterior Girder	1.9167	0.95	1	1	6.19832
Annual Perm 1_serv	BOBJ1	1.9167	Before	Interior Girder 1	1.9167	0.95	1	1	3.357322
Annual Perm 1_serv	BOBJ1	1.9167	Before	Interior Girder 2	1.9167	0.95	1	1	3.714982
Annual Perm 1_serv	BOBJ1	1.9167	Before	Interior Girder 3	1.9167	0.95	1	1	3.896118
Annual Perm 1_serv	BOBJ1	1.9167	Before	Interior Girder 4	1.9167	0.95	1	1	3.701836
Annual Perm 1_serv	BOBJ1	1.9167	Before	Interior Girder 5	1.9167	0.95	1	1	3.384617
Annual Perm 1_serv	BOBJ1	1.9167	Before	Right Exterior Girder	1.9167	0.95	1	1	6.198319
Annual Perm 1_serv	BOBJ1	1.9167	After	Left Exterior Girder	1.9167	0.95	1	1	6.207319
Annual Perm 1_serv	BOBJ1	1.9167	After	Interior Girder 1	1.9167	0.95	1	1	3.517543
Annual Perm 1_serv	BOBJ1	1.9167	After	Interior Girder 2	1.9167	0.95	1	1	3.86826
Annual Perm 1_serv	BOBJ1	1.9167	After	Interior Girder 3	1.9167	0.95	1	1	4.011733
Annual Perm 1_serv	BOBJ1	1.9167	After	Interior Girder 4	1.9167	0.95	1	1	3.855113
Annual Perm 1_serv	BOBJ1	1.9167	After	Interior Girder 5	1.9167	0.95	1	1	3.542831
Annual Perm 1_serv	BOBJ1	1.9167	After	Right Exterior Girder	1.9167	0.95	1	1	6.207319
Annual Perm 1_serv	BOBJ1	3.8333	Before	Left Exterior Girder	3.8333	0.95	1	1	3.385017
Annual Perm 1_serv	BOBJ1	3.8333	Before	Interior Girder 1	3.8333	0.95	1	1	1.860997
Annual Perm 1_serv	BOBJ1	3.8333	Before	Interior Girder 2	3.8333	0.95	1	1	2.048231
Annual Perm 1_serv	BOBJ1	3.8333	Before	Interior Girder 3	3.8333	0.95	1	1	2.130595
Annual Perm 1_serv	BOBJ1	3.8333	Before	Interior Girder 4	3.8333	0.95	1	1	2.04026
Annual Perm 1_serv	BOBJ1	3.8333	Before	Interior Girder 5	3.8333	0.95	1	1	1.873858
Annual Perm 1_serv	BOBJ1	3.8333	Before	Right Exterior Girder	3.8333	0.95	1	1	3.385017
Annual Perm 1_serv	BOBJ1	3.8333	After	Left Exterior Girder	3.8333	0.95	1	1	3.385889
Annual Perm 1_serv	BOBJ1	3.8333	After	Interior Girder 1	3.8333	0.95	1	1	1.906354
Annual Perm 1_serv	BOBJ1	3.8333	After	Interior Girder 2	3.8333	0.95	1	1	2.090678
Annual Perm 1_serv	BOBJ1	3.8333	After	Interior Girder 3	3.8333	0.95	1	1	2.161357
Annual Perm 1_serv	BOBJ1	3.8333	After	Interior Girder 4	3.8333	0.95	1	1	2.082649
Annual Perm 1_serv	BOBJ1	3.8333	After	Interior Girder 5	3.8333	0.95	1	1	1.918463
Annual Perm 1_serv	BOBJ1	3.8333	After	Right Exterior Girder	3.8333	0.95	1	1	3.385889
Annual Perm 1_serv	BOBJ1	5.75	Before	Left Exterior Girder	5.75	0.95	1	1	2.521157

TABLE: Bridge Super Rating AASHTORATE18 26 - SteelINonCompServ-Flx - Main Span Stringers									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Annual Perm 1_serv	BOBJ1	5.75	Before	Interior Girder 1	5.75	0.95	1	1	1.39271
Annual Perm 1_serv	BOBJ1	5.75	Before	Interior Girder 2	5.75	0.95	1	1	1.527114
Annual Perm 1_serv	BOBJ1	5.75	Before	Interior Girder 3	5.75	0.95	1	1	1.570725
Annual Perm 1_serv	BOBJ1	5.75	Before	Interior Girder 4	5.75	0.95	1	1	1.520801
Annual Perm 1_serv	BOBJ1	5.75	Before	Interior Girder 5	5.75	0.95	1	1	1.401143
Annual Perm 1_serv	BOBJ1	5.75	Before	Right Exterior Girder	5.75	0.95	1	1	2.521157
Annual Perm 1_serv	BOBJ1	5.75	After	Left Exterior Girder	5.75	0.95	1	1	2.522864
Annual Perm 1_serv	BOBJ1	5.75	After	Interior Girder 1	5.75	0.95	1	1	1.414669
Annual Perm 1_serv	BOBJ1	5.75	After	Interior Girder 2	5.75	0.95	1	1	1.548182
Annual Perm 1_serv	BOBJ1	5.75	After	Interior Girder 3	5.75	0.95	1	1	1.585977
Annual Perm 1_serv	BOBJ1	5.75	After	Interior Girder 4	5.75	0.95	1	1	1.541837
Annual Perm 1_serv	BOBJ1	5.75	After	Interior Girder 5	5.75	0.95	1	1	1.422722
Annual Perm 1_serv	BOBJ1	5.75	After	Right Exterior Girder	5.75	0.95	1	1	2.522864
Annual Perm 1_serv	BOBJ1	7.6667	Before	Left Exterior Girder	7.6667	0.95	1	1	2.179672
Annual Perm 1_serv	BOBJ1	7.6667	Before	Interior Girder 1	7.6667	0.95	1	1	1.188869
Annual Perm 1_serv	BOBJ1	7.6667	Before	Interior Girder 2	7.6667	0.95	1	1	1.298601
Annual Perm 1_serv	BOBJ1	7.6667	Before	Interior Girder 3	7.6667	0.95	1	1	1.323695
Annual Perm 1_serv	BOBJ1	7.6667	Before	Interior Girder 4	7.6667	0.95	1	1	1.293099
Annual Perm 1_serv	BOBJ1	7.6667	Before	Interior Girder 5	7.6667	0.95	1	1	1.196058
Annual Perm 1_serv	BOBJ1	7.6667	Before	Right Exterior Girder	7.6667	0.95	1	1	2.179672
Annual Perm 1_serv	BOBJ1	7.6667	After	Left Exterior Girder	7.6667	0.95	1	1	2.180863
Annual Perm 1_serv	BOBJ1	7.6667	After	Interior Girder 1	7.6667	0.95	1	1	1.19673
Annual Perm 1_serv	BOBJ1	7.6667	After	Interior Girder 2	7.6667	0.95	1	1	1.306199
Annual Perm 1_serv	BOBJ1	7.6667	After	Interior Girder 3	7.6667	0.95	1	1	1.328589
Annual Perm 1_serv	BOBJ1	7.6667	After	Interior Girder 4	7.6667	0.95	1	1	1.300694
Annual Perm 1_serv	BOBJ1	7.6667	After	Interior Girder 5	7.6667	0.95	1	1	1.203816
Annual Perm 1_serv	BOBJ1	7.6667	After	Right Exterior Girder	7.6667	0.95	1	1	2.180863
Annual Perm 1_serv	BOBJ1	9.5833	Before	Left Exterior Girder	9.5833	0.95	1	1	1.901002
Annual Perm 1_serv	BOBJ1	9.5833	Before	Interior Girder 1	9.5833	0.95	1	1	1.041285
Annual Perm 1_serv	BOBJ1	9.5833	Before	Interior Girder 2	9.5833	0.95	1	1	1.139069
Annual Perm 1_serv	BOBJ1	9.5833	Before	Interior Girder 3	9.5833	0.95	1	1	1.169405
Annual Perm 1_serv	BOBJ1	9.5833	Before	Interior Girder 4	9.5833	0.95	1	1	1.134194
Annual Perm 1_serv	BOBJ1	9.5833	Before	Interior Girder 5	9.5833	0.95	1	1	1.047135
Annual Perm 1_serv	BOBJ1	9.5833	Before	Right Exterior Girder	9.5833	0.95	1	1	1.901002
Annual Perm 1_serv	BOBJ1	9.5833	After	Left Exterior Girder	9.5833	0.95	1	1	1.901497
Annual Perm 1_serv	BOBJ1	9.5833	After	Interior Girder 1	9.5833	0.95	1	1	1.044428
Annual Perm 1_serv	BOBJ1	9.5833	After	Interior Girder 2	9.5833	0.95	1	1	1.142119
Annual Perm 1_serv	BOBJ1	9.5833	After	Interior Girder 3	9.5833	0.95	1	1	1.171329
Annual Perm 1_serv	BOBJ1	9.5833	After	Interior Girder 4	9.5833	0.95	1	1	1.137243
Annual Perm 1_serv	BOBJ1	9.5833	After	Interior Girder 5	9.5833	0.95	1	1	1.050249
Annual Perm 1_serv	BOBJ1	9.5833	After	Right Exterior Girder	9.5833	0.95	1	1	1.901497
Annual Perm 1_serv	BOBJ1	11.5	Before	Left Exterior Girder	11.5	0.95	1	1	1.821772
Annual Perm 1_serv	BOBJ1	11.5	Before	Interior Girder 1	11.5	0.95	1	1	1.000412
Annual Perm 1_serv	BOBJ1	11.5	Before	Interior Girder 2	11.5	0.95	1	1	1.09346
Annual Perm 1_serv	BOBJ1	11.5	Before	Interior Girder 3	11.5	0.95	1	1	1.126938
Annual Perm 1_serv	BOBJ1	11.5	Before	Interior Girder 4	11.5	0.95	1	1	1.088767
Annual Perm 1_serv	BOBJ1	11.5	Before	Interior Girder 5	11.5	0.95	1	1	1.005875
Annual Perm 1_serv	BOBJ1	11.5	Before	Right Exterior Girder	11.5	0.95	1	1	1.821772
Annual Perm 1_serv	BOBJ1	11.5	After	Left Exterior Girder	11.5	0.95	1	1	1.821837
Annual Perm 1_serv	BOBJ1	11.5	After	Interior Girder 1	11.5	0.95	1	1	1.000402
Annual Perm 1_serv	BOBJ1	11.5	After	Interior Girder 2	11.5	0.95	1	1	1.093465
Annual Perm 1_serv	BOBJ1	11.5	After	Interior Girder 3	11.5	0.95	1	1	1.126936
Annual Perm 1_serv	BOBJ1	11.5	After	Interior Girder 4	11.5	0.95	1	1	1.088772
Annual Perm 1_serv	BOBJ1	11.5	After	Interior Girder 5	11.5	0.95	1	1	1.005865
Annual Perm 1_serv	BOBJ1	11.5	After	Right Exterior Girder	11.5	0.95	1	1	1.821837
Annual Perm 1_serv	BOBJ1	13.4167	Before	Left Exterior Girder	13.4167	0.95	1	1	1.90173
Annual Perm 1_serv	BOBJ1	13.4167	Before	Interior Girder 1	13.4167	0.95	1	1	1.04478
Annual Perm 1_serv	BOBJ1	13.4167	Before	Interior Girder 2	13.4167	0.95	1	1	1.142393
Annual Perm 1_serv	BOBJ1	13.4167	Before	Interior Girder 3	13.4167	0.95	1	1	1.171601
Annual Perm 1_serv	BOBJ1	13.4167	Before	Interior Girder 4	13.4167	0.95	1	1	1.137515
Annual Perm 1_serv	BOBJ1	13.4167	Before	Interior Girder 5	13.4167	0.95	1	1	1.050602
Annual Perm 1_serv	BOBJ1	13.4167	Before	Right Exterior Girder	13.4167	0.95	1	1	1.90173
Annual Perm 1_serv	BOBJ1	13.4167	After	Left Exterior Girder	13.4167	0.95	1	1	1.901204
Annual Perm 1_serv	BOBJ1	13.4167	After	Interior Girder 1	13.4167	0.95	1	1	1.041616
Annual Perm 1_serv	BOBJ1	13.4167	After	Interior Girder 2	13.4167	0.95	1	1	1.139352
Annual Perm 1_serv	BOBJ1	13.4167	After	Interior Girder 3	13.4167	0.95	1	1	1.169673
Annual Perm 1_serv	BOBJ1	13.4167	After	Interior Girder 4	13.4167	0.95	1	1	1.134475
Annual Perm 1_serv	BOBJ1	13.4167	After	Interior Girder 5	13.4167	0.95	1	1	1.047468

TABLE: Bridge Super Rating AASHTORATE18 26 - SteelINonCompServ-Flx - Main Span Stringers

Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Annual Perm 1_serv	BOBJ1	13.4167	After	Right Exterior Girder	13.4167	0.95	1	1	1.901204
Annual Perm 1_serv	BOBJ1	15.3333	Before	Left Exterior Girder	15.3333	0.95	1	1	2.1814
Annual Perm 1_serv	BOBJ1	15.3333	Before	Interior Girder 1	15.3333	0.95	1	1	1.197516
Annual Perm 1_serv	BOBJ1	15.3333	Before	Interior Girder 2	15.3333	0.95	1	1	1.306814
Annual Perm 1_serv	BOBJ1	15.3333	Before	Interior Girder 3	15.3333	0.95	1	1	1.329191
Annual Perm 1_serv	BOBJ1	15.3333	Before	Interior Girder 4	15.3333	0.95	1	1	1.301307
Annual Perm 1_serv	BOBJ1	15.3333	Before	Interior Girder 5	15.3333	0.95	1	1	1.204607
Annual Perm 1_serv	BOBJ1	15.3333	Before	Right Exterior Girder	15.3333	0.95	1	1	2.1814
Annual Perm 1_serv	BOBJ1	15.3333	After	Left Exterior Girder	15.3333	0.95	1	1	2.180222
Annual Perm 1_serv	BOBJ1	15.3333	After	Interior Girder 1	15.3333	0.95	1	1	1.189631
Annual Perm 1_serv	BOBJ1	15.3333	After	Interior Girder 2	15.3333	0.95	1	1	1.299223
Annual Perm 1_serv	BOBJ1	15.3333	After	Interior Girder 3	15.3333	0.95	1	1	1.324294
Annual Perm 1_serv	BOBJ1	15.3333	After	Interior Girder 4	15.3333	0.95	1	1	1.293718
Annual Perm 1_serv	BOBJ1	15.3333	After	Interior Girder 5	15.3333	0.95	1	1	1.196824
Annual Perm 1_serv	BOBJ1	15.3333	After	Right Exterior Girder	15.3333	0.95	1	1	2.180221
Annual Perm 1_serv	BOBJ1	17.25	Before	Left Exterior Girder	17.25	0.95	1	1	2.523877
Annual Perm 1_serv	BOBJ1	17.25	Before	Interior Girder 1	17.25	0.95	1	1	1.416034
Annual Perm 1_serv	BOBJ1	17.25	Before	Interior Girder 2	17.25	0.95	1	1	1.549235
Annual Perm 1_serv	BOBJ1	17.25	Before	Interior Girder 3	17.25	0.95	1	1	1.587022
Annual Perm 1_serv	BOBJ1	17.25	Before	Interior Girder 4	17.25	0.95	1	1	1.542886
Annual Perm 1_serv	BOBJ1	17.25	Before	Interior Girder 5	17.25	0.95	1	1	1.424095
Annual Perm 1_serv	BOBJ1	17.25	Before	Right Exterior Girder	17.25	0.95	1	1	2.523877
Annual Perm 1_serv	BOBJ1	17.25	After	Left Exterior Girder	17.25	0.95	1	1	2.52213
Annual Perm 1_serv	BOBJ1	17.25	After	Interior Girder 1	17.25	0.95	1	1	1.394041
Annual Perm 1_serv	BOBJ1	17.25	After	Interior Girder 2	17.25	0.95	1	1	1.52816
Annual Perm 1_serv	BOBJ1	17.25	After	Interior Girder 3	17.25	0.95	1	1	1.571761
Annual Perm 1_serv	BOBJ1	17.25	After	Interior Girder 4	17.25	0.95	1	1	1.521843
Annual Perm 1_serv	BOBJ1	17.25	After	Interior Girder 5	17.25	0.95	1	1	1.402482
Annual Perm 1_serv	BOBJ1	17.25	After	Right Exterior Girder	17.25	0.95	1	1	2.52213
Annual Perm 1_serv	BOBJ1	19.1667	Before	Left Exterior Girder	19.1667	0.95	1	1	3.387345
Annual Perm 1_serv	BOBJ1	19.1667	Before	Interior Girder 1	19.1667	0.95	1	1	1.908779
Annual Perm 1_serv	BOBJ1	19.1667	Before	Interior Girder 2	19.1667	0.95	1	1	2.092466
Annual Perm 1_serv	BOBJ1	19.1667	Before	Interior Girder 3	19.1667	0.95	1	1	2.163168
Annual Perm 1_serv	BOBJ1	19.1667	Before	Interior Girder 4	19.1667	0.95	1	1	2.084429
Annual Perm 1_serv	BOBJ1	19.1667	Before	Interior Girder 5	19.1667	0.95	1	1	1.920904
Annual Perm 1_serv	BOBJ1	19.1667	Before	Right Exterior Girder	19.1667	0.95	1	1	3.387345
Annual Perm 1_serv	BOBJ1	19.1667	After	Left Exterior Girder	19.1667	0.95	1	1	3.386469
Annual Perm 1_serv	BOBJ1	19.1667	After	Interior Girder 1	19.1667	0.95	1	1	1.863365
Annual Perm 1_serv	BOBJ1	19.1667	After	Interior Girder 2	19.1667	0.95	1	1	2.049982
Annual Perm 1_serv	BOBJ1	19.1667	After	Interior Girder 3	19.1667	0.95	1	1	2.132385
Annual Perm 1_serv	BOBJ1	19.1667	After	Interior Girder 4	19.1667	0.95	1	1	2.042004
Annual Perm 1_serv	BOBJ1	19.1667	After	Interior Girder 5	19.1667	0.95	1	1	1.876242
Annual Perm 1_serv	BOBJ1	19.1667	After	Right Exterior Girder	19.1667	0.95	1	1	3.386469
Annual Perm 1_serv	BOBJ1	21.0833	Before	Left Exterior Girder	21.0833	0.95	1	1	6.210467
Annual Perm 1_serv	BOBJ1	21.0833	Before	Interior Girder 1	21.0833	0.95	1	1	3.522866
Annual Perm 1_serv	BOBJ1	21.0833	Before	Interior Girder 2	21.0833	0.95	1	1	3.872167
Annual Perm 1_serv	BOBJ1	21.0833	Before	Interior Girder 3	21.0833	0.95	1	1	4.015772
Annual Perm 1_serv	BOBJ1	21.0833	Before	Interior Girder 4	21.0833	0.95	1	1	3.859008
Annual Perm 1_serv	BOBJ1	21.0833	Before	Interior Girder 5	21.0833	0.95	1	1	3.548193
Annual Perm 1_serv	BOBJ1	21.0833	Before	Right Exterior Girder	21.0833	0.95	1	1	6.210467
Annual Perm 1_serv	BOBJ1	21.0833	After	Left Exterior Girder	21.0833	0.95	1	1	6.201861
Annual Perm 1_serv	BOBJ1	21.0833	After	Interior Girder 1	21.0833	0.95	1	1	3.362406
Annual Perm 1_serv	BOBJ1	21.0833	After	Interior Girder 2	21.0833	0.95	1	1	3.718717
Annual Perm 1_serv	BOBJ1	21.0833	After	Interior Girder 3	21.0833	0.95	1	1	3.900054
Annual Perm 1_serv	BOBJ1	21.0833	After	Interior Girder 4	21.0833	0.95	1	1	3.705557
Annual Perm 1_serv	BOBJ1	21.0833	After	Interior Girder 5	21.0833	0.95	1	1	3.389742
Annual Perm 1_serv	BOBJ1	21.0833	After	Right Exterior Girder	21.0833	0.95	1	1	6.201861
Annual Perm 1_serv	BOBJ1	23	Before	Left Exterior Girder	23	0.95	1	1	153.057982
Annual Perm 1_serv	BOBJ1	23	Before	Interior Girder 1	23	0.95	1	1	96.048908
Annual Perm 1_serv	BOBJ1	23	Before	Interior Girder 2	23	0.95	1	1	111.26068
Annual Perm 1_serv	BOBJ1	23	Before	Interior Girder 3	23	0.95	1	1	122.975367
Annual Perm 1_serv	BOBJ1	23	Before	Interior Girder 4	23	0.95	1	1	110.234375
Annual Perm 1_serv	BOBJ1	23	Before	Interior Girder 5	23	0.95	1	1	96.026312
Annual Perm 1_serv	BOBJ1	23	Before	Right Exterior Girder	23	0.95	1	1	154.366394
Annual Perm 2_serv	BOBJ1	0	After	Left Exterior Girder	0	0.95	1	1	153.003613
Annual Perm 2_serv	BOBJ1	0	After	Interior Girder 1	0	0.95	1	1	96.249861
Annual Perm 2_serv	BOBJ1	0	After	Interior Girder 2	0	0.95	1	1	111.375917
Annual Perm 2_serv	BOBJ1	0	After	Interior Girder 3	0	0.95	1	1	123.103647

TABLE: Bridge Super Rating AASHTORATE18 26 - SteelINonCompServ-Flx - Main Span Stringers									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Annual Perm 2_serv	BOBJ1	0	After	Interior Girder 4	0	0.95	1	1	110.348549
Annual Perm 2_serv	BOBJ1	0	After	Interior Girder 5	0	0.95	1	1	96.227233
Annual Perm 2_serv	BOBJ1	0	After	Right Exterior Girder	0	0.95	1	1	154.311582
Annual Perm 2_serv	BOBJ1	1.9167	Before	Left Exterior Girder	1.9167	0.95	1	1	6.19832
Annual Perm 2_serv	BOBJ1	1.9167	Before	Interior Girder 1	1.9167	0.95	1	1	3.357322
Annual Perm 2_serv	BOBJ1	1.9167	Before	Interior Girder 2	1.9167	0.95	1	1	3.714982
Annual Perm 2_serv	BOBJ1	1.9167	Before	Interior Girder 3	1.9167	0.95	1	1	3.896118
Annual Perm 2_serv	BOBJ1	1.9167	Before	Interior Girder 4	1.9167	0.95	1	1	3.701836
Annual Perm 2_serv	BOBJ1	1.9167	Before	Interior Girder 5	1.9167	0.95	1	1	3.384617
Annual Perm 2_serv	BOBJ1	1.9167	Before	Right Exterior Girder	1.9167	0.95	1	1	6.198319
Annual Perm 2_serv	BOBJ1	1.9167	After	Left Exterior Girder	1.9167	0.95	1	1	6.207319
Annual Perm 2_serv	BOBJ1	1.9167	After	Interior Girder 1	1.9167	0.95	1	1	3.517543
Annual Perm 2_serv	BOBJ1	1.9167	After	Interior Girder 2	1.9167	0.95	1	1	3.86826
Annual Perm 2_serv	BOBJ1	1.9167	After	Interior Girder 3	1.9167	0.95	1	1	4.011733
Annual Perm 2_serv	BOBJ1	1.9167	After	Interior Girder 4	1.9167	0.95	1	1	3.855113
Annual Perm 2_serv	BOBJ1	1.9167	After	Interior Girder 5	1.9167	0.95	1	1	3.542831
Annual Perm 2_serv	BOBJ1	1.9167	After	Right Exterior Girder	1.9167	0.95	1	1	6.207319
Annual Perm 2_serv	BOBJ1	3.8333	Before	Left Exterior Girder	3.8333	0.95	1	1	3.385017
Annual Perm 2_serv	BOBJ1	3.8333	Before	Interior Girder 1	3.8333	0.95	1	1	1.860997
Annual Perm 2_serv	BOBJ1	3.8333	Before	Interior Girder 2	3.8333	0.95	1	1	2.048231
Annual Perm 2_serv	BOBJ1	3.8333	Before	Interior Girder 3	3.8333	0.95	1	1	2.130595
Annual Perm 2_serv	BOBJ1	3.8333	Before	Interior Girder 4	3.8333	0.95	1	1	2.04026
Annual Perm 2_serv	BOBJ1	3.8333	Before	Interior Girder 5	3.8333	0.95	1	1	1.873858
Annual Perm 2_serv	BOBJ1	3.8333	Before	Right Exterior Girder	3.8333	0.95	1	1	3.385017
Annual Perm 2_serv	BOBJ1	3.8333	After	Left Exterior Girder	3.8333	0.95	1	1	3.385889
Annual Perm 2_serv	BOBJ1	3.8333	After	Interior Girder 1	3.8333	0.95	1	1	1.906354
Annual Perm 2_serv	BOBJ1	3.8333	After	Interior Girder 2	3.8333	0.95	1	1	2.090678
Annual Perm 2_serv	BOBJ1	3.8333	After	Interior Girder 3	3.8333	0.95	1	1	2.161357
Annual Perm 2_serv	BOBJ1	3.8333	After	Interior Girder 4	3.8333	0.95	1	1	2.082649
Annual Perm 2_serv	BOBJ1	3.8333	After	Interior Girder 5	3.8333	0.95	1	1	1.918463
Annual Perm 2_serv	BOBJ1	3.8333	After	Right Exterior Girder	3.8333	0.95	1	1	3.385889
Annual Perm 2_serv	BOBJ1	5.75	Before	Left Exterior Girder	5.75	0.95	1	1	2.521157
Annual Perm 2_serv	BOBJ1	5.75	Before	Interior Girder 1	5.75	0.95	1	1	1.39271
Annual Perm 2_serv	BOBJ1	5.75	Before	Interior Girder 2	5.75	0.95	1	1	1.527114
Annual Perm 2_serv	BOBJ1	5.75	Before	Interior Girder 3	5.75	0.95	1	1	1.570725
Annual Perm 2_serv	BOBJ1	5.75	Before	Interior Girder 4	5.75	0.95	1	1	1.520801
Annual Perm 2_serv	BOBJ1	5.75	Before	Interior Girder 5	5.75	0.95	1	1	1.401143
Annual Perm 2_serv	BOBJ1	5.75	Before	Right Exterior Girder	5.75	0.95	1	1	2.521157
Annual Perm 2_serv	BOBJ1	5.75	After	Left Exterior Girder	5.75	0.95	1	1	2.522864
Annual Perm 2_serv	BOBJ1	5.75	After	Interior Girder 1	5.75	0.95	1	1	1.414669
Annual Perm 2_serv	BOBJ1	5.75	After	Interior Girder 2	5.75	0.95	1	1	1.548182
Annual Perm 2_serv	BOBJ1	5.75	After	Interior Girder 3	5.75	0.95	1	1	1.585977
Annual Perm 2_serv	BOBJ1	5.75	After	Interior Girder 4	5.75	0.95	1	1	1.541837
Annual Perm 2_serv	BOBJ1	5.75	After	Interior Girder 5	5.75	0.95	1	1	1.422722
Annual Perm 2_serv	BOBJ1	5.75	After	Right Exterior Girder	5.75	0.95	1	1	2.522864
Annual Perm 2_serv	BOBJ1	7.6667	Before	Left Exterior Girder	7.6667	0.95	1	1	2.179672
Annual Perm 2_serv	BOBJ1	7.6667	Before	Interior Girder 1	7.6667	0.95	1	1	1.188869
Annual Perm 2_serv	BOBJ1	7.6667	Before	Interior Girder 2	7.6667	0.95	1	1	1.298601
Annual Perm 2_serv	BOBJ1	7.6667	Before	Interior Girder 3	7.6667	0.95	1	1	1.323695
Annual Perm 2_serv	BOBJ1	7.6667	Before	Interior Girder 4	7.6667	0.95	1	1	1.293099
Annual Perm 2_serv	BOBJ1	7.6667	Before	Interior Girder 5	7.6667	0.95	1	1	1.196058
Annual Perm 2_serv	BOBJ1	7.6667	Before	Right Exterior Girder	7.6667	0.95	1	1	2.179672
Annual Perm 2_serv	BOBJ1	7.6667	After	Left Exterior Girder	7.6667	0.95	1	1	2.180863
Annual Perm 2_serv	BOBJ1	7.6667	After	Interior Girder 1	7.6667	0.95	1	1	1.19673
Annual Perm 2_serv	BOBJ1	7.6667	After	Interior Girder 2	7.6667	0.95	1	1	1.306199
Annual Perm 2_serv	BOBJ1	7.6667	After	Interior Girder 3	7.6667	0.95	1	1	1.328589
Annual Perm 2_serv	BOBJ1	7.6667	After	Interior Girder 4	7.6667	0.95	1	1	1.300694
Annual Perm 2_serv	BOBJ1	7.6667	After	Interior Girder 5	7.6667	0.95	1	1	1.203816
Annual Perm 2_serv	BOBJ1	7.6667	After	Right Exterior Girder	7.6667	0.95	1	1	2.180863
Annual Perm 2_serv	BOBJ1	9.5833	Before	Left Exterior Girder	9.5833	0.95	1	1	1.901002
Annual Perm 2_serv	BOBJ1	9.5833	Before	Interior Girder 1	9.5833	0.95	1	1	1.041285
Annual Perm 2_serv	BOBJ1	9.5833	Before	Interior Girder 2	9.5833	0.95	1	1	1.139069
Annual Perm 2_serv	BOBJ1	9.5833	Before	Interior Girder 3	9.5833	0.95	1	1	1.169405
Annual Perm 2_serv	BOBJ1	9.5833	Before	Interior Girder 4	9.5833	0.95	1	1	1.134194
Annual Perm 2_serv	BOBJ1	9.5833	Before	Interior Girder 5	9.5833	0.95	1	1	1.047135
Annual Perm 2_serv	BOBJ1	9.5833	Before	Right Exterior Girder	9.5833	0.95	1	1	1.901002
Annual Perm 2_serv	BOBJ1	9.5833	After	Left Exterior Girder	9.5833	0.95	1	1	1.901497
Annual Perm 2_serv	BOBJ1	9.5833	After	Interior Girder 1	9.5833	0.95	1	1	1.044428

TABLE: Bridge Super Rating AASHTORATE18 26 - SteelINonCompServ-Flx - Main Span Stringers									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Annual Perm 2_serv	BOBJ1	9.5833	After	Interior Girder 2	9.5833	0.95	1	1	1.142119
Annual Perm 2_serv	BOBJ1	9.5833	After	Interior Girder 3	9.5833	0.95	1	1	1.171329
Annual Perm 2_serv	BOBJ1	9.5833	After	Interior Girder 4	9.5833	0.95	1	1	1.137243
Annual Perm 2_serv	BOBJ1	9.5833	After	Interior Girder 5	9.5833	0.95	1	1	1.050249
Annual Perm 2_serv	BOBJ1	9.5833	After	Right Exterior Girder	9.5833	0.95	1	1	1.901497
Annual Perm 2_serv	BOBJ1	11.5	Before	Left Exterior Girder	11.5	0.95	1	1	1.821772
Annual Perm 2_serv	BOBJ1	11.5	Before	Interior Girder 1	11.5	0.95	1	1	1.000412
Annual Perm 2_serv	BOBJ1	11.5	Before	Interior Girder 2	11.5	0.95	1	1	1.09346
Annual Perm 2_serv	BOBJ1	11.5	Before	Interior Girder 3	11.5	0.95	1	1	1.126938
Annual Perm 2_serv	BOBJ1	11.5	Before	Interior Girder 4	11.5	0.95	1	1	1.088767
Annual Perm 2_serv	BOBJ1	11.5	Before	Interior Girder 5	11.5	0.95	1	1	1.005875
Annual Perm 2_serv	BOBJ1	11.5	Before	Right Exterior Girder	11.5	0.95	1	1	1.821772
Annual Perm 2_serv	BOBJ1	11.5	After	Left Exterior Girder	11.5	0.95	1	1	1.821837
Annual Perm 2_serv	BOBJ1	11.5	After	Interior Girder 1	11.5	0.95	1	1	1.000402
Annual Perm 2_serv	BOBJ1	11.5	After	Interior Girder 2	11.5	0.95	1	1	1.093465
Annual Perm 2_serv	BOBJ1	11.5	After	Interior Girder 3	11.5	0.95	1	1	1.126936
Annual Perm 2_serv	BOBJ1	11.5	After	Interior Girder 4	11.5	0.95	1	1	1.088772
Annual Perm 2_serv	BOBJ1	11.5	After	Interior Girder 5	11.5	0.95	1	1	1.005865
Annual Perm 2_serv	BOBJ1	11.5	After	Right Exterior Girder	11.5	0.95	1	1	1.821837
Annual Perm 2_serv	BOBJ1	13.4167	Before	Left Exterior Girder	13.4167	0.95	1	1	1.90173
Annual Perm 2_serv	BOBJ1	13.4167	Before	Interior Girder 1	13.4167	0.95	1	1	1.04478
Annual Perm 2_serv	BOBJ1	13.4167	Before	Interior Girder 2	13.4167	0.95	1	1	1.142393
Annual Perm 2_serv	BOBJ1	13.4167	Before	Interior Girder 3	13.4167	0.95	1	1	1.171601
Annual Perm 2_serv	BOBJ1	13.4167	Before	Interior Girder 4	13.4167	0.95	1	1	1.137515
Annual Perm 2_serv	BOBJ1	13.4167	Before	Interior Girder 5	13.4167	0.95	1	1	1.050602
Annual Perm 2_serv	BOBJ1	13.4167	Before	Right Exterior Girder	13.4167	0.95	1	1	1.90173
Annual Perm 2_serv	BOBJ1	13.4167	After	Left Exterior Girder	13.4167	0.95	1	1	1.901204
Annual Perm 2_serv	BOBJ1	13.4167	After	Interior Girder 1	13.4167	0.95	1	1	1.041616
Annual Perm 2_serv	BOBJ1	13.4167	After	Interior Girder 2	13.4167	0.95	1	1	1.139352
Annual Perm 2_serv	BOBJ1	13.4167	After	Interior Girder 3	13.4167	0.95	1	1	1.169673
Annual Perm 2_serv	BOBJ1	13.4167	After	Interior Girder 4	13.4167	0.95	1	1	1.134475
Annual Perm 2_serv	BOBJ1	13.4167	After	Interior Girder 5	13.4167	0.95	1	1	1.047468
Annual Perm 2_serv	BOBJ1	13.4167	After	Right Exterior Girder	13.4167	0.95	1	1	1.901204
Annual Perm 2_serv	BOBJ1	15.3333	Before	Left Exterior Girder	15.3333	0.95	1	1	2.1814
Annual Perm 2_serv	BOBJ1	15.3333	Before	Interior Girder 1	15.3333	0.95	1	1	1.197516
Annual Perm 2_serv	BOBJ1	15.3333	Before	Interior Girder 2	15.3333	0.95	1	1	1.306814
Annual Perm 2_serv	BOBJ1	15.3333	Before	Interior Girder 3	15.3333	0.95	1	1	1.329191
Annual Perm 2_serv	BOBJ1	15.3333	Before	Interior Girder 4	15.3333	0.95	1	1	1.301307
Annual Perm 2_serv	BOBJ1	15.3333	Before	Interior Girder 5	15.3333	0.95	1	1	1.204607
Annual Perm 2_serv	BOBJ1	15.3333	Before	Right Exterior Girder	15.3333	0.95	1	1	2.1814
Annual Perm 2_serv	BOBJ1	15.3333	After	Left Exterior Girder	15.3333	0.95	1	1	2.180222
Annual Perm 2_serv	BOBJ1	15.3333	After	Interior Girder 1	15.3333	0.95	1	1	1.189631
Annual Perm 2_serv	BOBJ1	15.3333	After	Interior Girder 2	15.3333	0.95	1	1	1.299223
Annual Perm 2_serv	BOBJ1	15.3333	After	Interior Girder 3	15.3333	0.95	1	1	1.324294
Annual Perm 2_serv	BOBJ1	15.3333	After	Interior Girder 4	15.3333	0.95	1	1	1.293718
Annual Perm 2_serv	BOBJ1	15.3333	After	Interior Girder 5	15.3333	0.95	1	1	1.196824
Annual Perm 2_serv	BOBJ1	15.3333	After	Right Exterior Girder	15.3333	0.95	1	1	2.180221
Annual Perm 2_serv	BOBJ1	17.25	Before	Left Exterior Girder	17.25	0.95	1	1	2.523877
Annual Perm 2_serv	BOBJ1	17.25	Before	Interior Girder 1	17.25	0.95	1	1	1.416034
Annual Perm 2_serv	BOBJ1	17.25	Before	Interior Girder 2	17.25	0.95	1	1	1.549235
Annual Perm 2_serv	BOBJ1	17.25	Before	Interior Girder 3	17.25	0.95	1	1	1.587022
Annual Perm 2_serv	BOBJ1	17.25	Before	Interior Girder 4	17.25	0.95	1	1	1.542886
Annual Perm 2_serv	BOBJ1	17.25	Before	Interior Girder 5	17.25	0.95	1	1	1.424095
Annual Perm 2_serv	BOBJ1	17.25	Before	Right Exterior Girder	17.25	0.95	1	1	2.523877
Annual Perm 2_serv	BOBJ1	17.25	After	Left Exterior Girder	17.25	0.95	1	1	2.52213
Annual Perm 2_serv	BOBJ1	17.25	After	Interior Girder 1	17.25	0.95	1	1	1.394041
Annual Perm 2_serv	BOBJ1	17.25	After	Interior Girder 2	17.25	0.95	1	1	1.52816
Annual Perm 2_serv	BOBJ1	17.25	After	Interior Girder 3	17.25	0.95	1	1	1.571761
Annual Perm 2_serv	BOBJ1	17.25	After	Interior Girder 4	17.25	0.95	1	1	1.521843
Annual Perm 2_serv	BOBJ1	17.25	After	Interior Girder 5	17.25	0.95	1	1	1.402482
Annual Perm 2_serv	BOBJ1	17.25	After	Right Exterior Girder	17.25	0.95	1	1	2.52213
Annual Perm 2_serv	BOBJ1	19.1667	Before	Left Exterior Girder	19.1667	0.95	1	1	3.387345
Annual Perm 2_serv	BOBJ1	19.1667	Before	Interior Girder 1	19.1667	0.95	1	1	1.908779
Annual Perm 2_serv	BOBJ1	19.1667	Before	Interior Girder 2	19.1667	0.95	1	1	2.092466
Annual Perm 2_serv	BOBJ1	19.1667	Before	Interior Girder 3	19.1667	0.95	1	1	2.163168
Annual Perm 2_serv	BOBJ1	19.1667	Before	Interior Girder 4	19.1667	0.95	1	1	2.084429
Annual Perm 2_serv	BOBJ1	19.1667	Before	Interior Girder 5	19.1667	0.95	1	1	1.920904
Annual Perm 2_serv	BOBJ1	19.1667	Before	Right Exterior Girder	19.1667	0.95	1	1	3.387345

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Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Annual Perm 2_serv	BOBJ1	19.1667	After	Left Exterior Girder	19.1667	0.95	1	1	3.386469
Annual Perm 2_serv	BOBJ1	19.1667	After	Interior Girder 1	19.1667	0.95	1	1	1.863365
Annual Perm 2_serv	BOBJ1	19.1667	After	Interior Girder 2	19.1667	0.95	1	1	2.049982
Annual Perm 2_serv	BOBJ1	19.1667	After	Interior Girder 3	19.1667	0.95	1	1	2.132385
Annual Perm 2_serv	BOBJ1	19.1667	After	Interior Girder 4	19.1667	0.95	1	1	2.042004
Annual Perm 2_serv	BOBJ1	19.1667	After	Interior Girder 5	19.1667	0.95	1	1	1.876242
Annual Perm 2_serv	BOBJ1	19.1667	After	Right Exterior Girder	19.1667	0.95	1	1	3.386469
Annual Perm 2_serv	BOBJ1	21.0833	Before	Left Exterior Girder	21.0833	0.95	1	1	6.210467
Annual Perm 2_serv	BOBJ1	21.0833	Before	Interior Girder 1	21.0833	0.95	1	1	3.522866
Annual Perm 2_serv	BOBJ1	21.0833	Before	Interior Girder 2	21.0833	0.95	1	1	3.872167
Annual Perm 2_serv	BOBJ1	21.0833	Before	Interior Girder 3	21.0833	0.95	1	1	4.015772
Annual Perm 2_serv	BOBJ1	21.0833	Before	Interior Girder 4	21.0833	0.95	1	1	3.859008
Annual Perm 2_serv	BOBJ1	21.0833	Before	Interior Girder 5	21.0833	0.95	1	1	3.548193
Annual Perm 2_serv	BOBJ1	21.0833	Before	Right Exterior Girder	21.0833	0.95	1	1	6.210467
Annual Perm 2_serv	BOBJ1	21.0833	After	Left Exterior Girder	21.0833	0.95	1	1	6.201861
Annual Perm 2_serv	BOBJ1	21.0833	After	Interior Girder 1	21.0833	0.95	1	1	3.362406
Annual Perm 2_serv	BOBJ1	21.0833	After	Interior Girder 2	21.0833	0.95	1	1	3.718717
Annual Perm 2_serv	BOBJ1	21.0833	After	Interior Girder 3	21.0833	0.95	1	1	3.900054
Annual Perm 2_serv	BOBJ1	21.0833	After	Interior Girder 4	21.0833	0.95	1	1	3.705557
Annual Perm 2_serv	BOBJ1	21.0833	After	Interior Girder 5	21.0833	0.95	1	1	3.389742
Annual Perm 2_serv	BOBJ1	21.0833	After	Right Exterior Girder	21.0833	0.95	1	1	6.201861
Annual Perm 2_serv	BOBJ1	23	Before	Left Exterior Girder	23	0.95	1	1	153.057982
Annual Perm 2_serv	BOBJ1	23	Before	Interior Girder 1	23	0.95	1	1	96.048908
Annual Perm 2_serv	BOBJ1	23	Before	Interior Girder 2	23	0.95	1	1	111.26068
Annual Perm 2_serv	BOBJ1	23	Before	Interior Girder 3	23	0.95	1	1	122.975367
Annual Perm 2_serv	BOBJ1	23	Before	Interior Girder 4	23	0.95	1	1	110.234375
Annual Perm 2_serv	BOBJ1	23	Before	Interior Girder 5	23	0.95	1	1	96.026312
Annual Perm 2_serv	BOBJ1	23	Before	Right Exterior Girder	23	0.95	1	1	154.366394
Overweight Permit_serv	BOBJ1	0	After	Left Exterior Girder	0	0.95	1	1	179.339404
Overweight Permit_serv	BOBJ1	0	After	Interior Girder 1	0	0.95	1	1	104.78567
Overweight Permit_serv	BOBJ1	0	After	Interior Girder 2	0	0.95	1	1	118.771916
Overweight Permit_serv	BOBJ1	0	After	Interior Girder 3	0	0.95	1	1	122.680102
Overweight Permit_serv	BOBJ1	0	After	Interior Girder 4	0	0.95	1	1	117.520149
Overweight Permit_serv	BOBJ1	0	After	Interior Girder 5	0	0.95	1	1	104.785688
Overweight Permit_serv	BOBJ1	0	After	Right Exterior Girder	0	0.95	1	1	180.562868
Overweight Permit_serv	BOBJ1	1.9167	Before	Left Exterior Girder	1.9167	0.95	1	1	5.900205
Overweight Permit_serv	BOBJ1	1.9167	Before	Interior Girder 1	1.9167	0.95	1	1	3.683358
Overweight Permit_serv	BOBJ1	1.9167	Before	Interior Girder 2	1.9167	0.95	1	1	4.008582
Overweight Permit_serv	BOBJ1	1.9167	Before	Interior Girder 3	1.9167	0.95	1	1	4.101497
Overweight Permit_serv	BOBJ1	1.9167	Before	Interior Girder 4	1.9167	0.95	1	1	3.992442
Overweight Permit_serv	BOBJ1	1.9167	Before	Interior Girder 5	1.9167	0.95	1	1	3.708704
Overweight Permit_serv	BOBJ1	1.9167	Before	Right Exterior Girder	1.9167	0.95	1	1	5.900205
Overweight Permit_serv	BOBJ1	1.9167	After	Left Exterior Girder	1.9167	0.95	1	1	5.908189
Overweight Permit_serv	BOBJ1	1.9167	After	Interior Girder 1	1.9167	0.95	1	1	3.86715
Overweight Permit_serv	BOBJ1	1.9167	After	Interior Girder 2	1.9167	0.95	1	1	4.195031
Overweight Permit_serv	BOBJ1	1.9167	After	Interior Girder 3	1.9167	0.95	1	1	4.244085
Overweight Permit_serv	BOBJ1	1.9167	After	Interior Girder 4	1.9167	0.95	1	1	4.178692
Overweight Permit_serv	BOBJ1	1.9167	After	Interior Girder 5	1.9167	0.95	1	1	3.891444
Overweight Permit_serv	BOBJ1	1.9167	After	Right Exterior Girder	1.9167	0.95	1	1	5.908189
Overweight Permit_serv	BOBJ1	3.8333	Before	Left Exterior Girder	3.8333	0.95	1	1	3.273581
Overweight Permit_serv	BOBJ1	3.8333	Before	Interior Girder 1	3.8333	0.95	1	1	2.081645
Overweight Permit_serv	BOBJ1	3.8333	Before	Interior Girder 2	3.8333	0.95	1	1	2.257975
Overweight Permit_serv	BOBJ1	3.8333	Before	Interior Girder 3	3.8333	0.95	1	1	2.283855
Overweight Permit_serv	BOBJ1	3.8333	Before	Interior Girder 4	3.8333	0.95	1	1	2.247955
Overweight Permit_serv	BOBJ1	3.8333	Before	Interior Girder 5	3.8333	0.95	1	1	2.093841
Overweight Permit_serv	BOBJ1	3.8333	Before	Right Exterior Girder	3.8333	0.95	1	1	3.273581
Overweight Permit_serv	BOBJ1	3.8333	After	Left Exterior Girder	3.8333	0.95	1	1	3.274211
Overweight Permit_serv	BOBJ1	3.8333	After	Interior Girder 1	3.8333	0.95	1	1	2.13479
Overweight Permit_serv	BOBJ1	3.8333	After	Interior Girder 2	3.8333	0.95	1	1	2.31135
Overweight Permit_serv	BOBJ1	3.8333	After	Interior Girder 3	3.8333	0.95	1	1	2.323076
Overweight Permit_serv	BOBJ1	3.8333	After	Interior Girder 4	3.8333	0.95	1	1	2.301183
Overweight Permit_serv	BOBJ1	3.8333	After	Interior Girder 5	3.8333	0.95	1	1	2.146571
Overweight Permit_serv	BOBJ1	3.8333	After	Right Exterior Girder	3.8333	0.95	1	1	3.274211
Overweight Permit_serv	BOBJ1	5.75	Before	Left Exterior Girder	5.75	0.95	1	1	2.426097
Overweight Permit_serv	BOBJ1	5.75	Before	Interior Girder 1	5.75	0.95	1	1	1.54997
Overweight Permit_serv	BOBJ1	5.75	Before	Interior Girder 2	5.75	0.95	1	1	1.677995
Overweight Permit_serv	BOBJ1	5.75	Before	Interior Girder 3	5.75	0.95	1	1	1.679179
Overweight Permit_serv	BOBJ1	5.75	Before	Interior Girder 4	5.75	0.95	1	1	1.670062

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Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Overweight Permit_serv	BOBJ1	5.75	Before	Interior Girder 5	5.75	0.95	1	1	1.558112
Overweight Permit_serv	BOBJ1	5.75	Before	Right Exterior Girder	5.75	0.95	1	1	2.426097
Overweight Permit_serv	BOBJ1	5.75	After	Left Exterior Girder	5.75	0.95	1	1	2.427671
Overweight Permit_serv	BOBJ1	5.75	After	Interior Girder 1	5.75	0.95	1	1	1.575629
Overweight Permit_serv	BOBJ1	5.75	After	Interior Girder 2	5.75	0.95	1	1	1.70433
Overweight Permit_serv	BOBJ1	5.75	After	Interior Girder 3	5.75	0.95	1	1	1.69849
Overweight Permit_serv	BOBJ1	5.75	After	Interior Girder 4	5.75	0.95	1	1	1.696319
Overweight Permit_serv	BOBJ1	5.75	After	Interior Girder 5	5.75	0.95	1	1	1.583545
Overweight Permit_serv	BOBJ1	5.75	After	Right Exterior Girder	5.75	0.95	1	1	2.427671
Overweight Permit_serv	BOBJ1	7.6667	Before	Left Exterior Girder	7.6667	0.95	1	1	2.083431
Overweight Permit_serv	BOBJ1	7.6667	Before	Interior Girder 1	7.6667	0.95	1	1	1.309317
Overweight Permit_serv	BOBJ1	7.6667	Before	Interior Girder 2	7.6667	0.95	1	1	1.413234
Overweight Permit_serv	BOBJ1	7.6667	Before	Interior Girder 3	7.6667	0.95	1	1	1.404831
Overweight Permit_serv	BOBJ1	7.6667	Before	Interior Girder 4	7.6667	0.95	1	1	1.406486
Overweight Permit_serv	BOBJ1	7.6667	Before	Interior Girder 5	7.6667	0.95	1	1	1.315551
Overweight Permit_serv	BOBJ1	7.6667	Before	Right Exterior Girder	7.6667	0.95	1	1	2.083431
Overweight Permit_serv	BOBJ1	7.6667	After	Left Exterior Girder	7.6667	0.95	1	1	2.084558
Overweight Permit_serv	BOBJ1	7.6667	After	Interior Girder 1	7.6667	0.95	1	1	1.318688
Overweight Permit_serv	BOBJ1	7.6667	After	Interior Girder 2	7.6667	0.95	1	1	1.421261
Overweight Permit_serv	BOBJ1	7.6667	After	Interior Girder 3	7.6667	0.95	1	1	1.41037
Overweight Permit_serv	BOBJ1	7.6667	After	Interior Girder 4	7.6667	0.95	1	1	1.4151
Overweight Permit_serv	BOBJ1	7.6667	After	Interior Girder 5	7.6667	0.95	1	1	1.324743
Overweight Permit_serv	BOBJ1	7.6667	After	Right Exterior Girder	7.6667	0.95	1	1	2.084558
Overweight Permit_serv	BOBJ1	9.5833	Before	Left Exterior Girder	9.5833	0.95	1	1	1.826393
Overweight Permit_serv	BOBJ1	9.5833	Before	Interior Girder 1	9.5833	0.95	1	1	1.171431
Overweight Permit_serv	BOBJ1	9.5833	Before	Interior Girder 2	9.5833	0.95	1	1	1.261388
Overweight Permit_serv	BOBJ1	9.5833	Before	Interior Girder 3	9.5833	0.95	1	1	1.256144
Overweight Permit_serv	BOBJ1	9.5833	Before	Interior Girder 4	9.5833	0.95	1	1	1.255197
Overweight Permit_serv	BOBJ1	9.5833	Before	Interior Girder 5	9.5833	0.95	1	1	1.176561
Overweight Permit_serv	BOBJ1	9.5833	Before	Right Exterior Girder	9.5833	0.95	1	1	1.826393
Overweight Permit_serv	BOBJ1	9.5833	After	Left Exterior Girder	9.5833	0.95	1	1	1.826839
Overweight Permit_serv	BOBJ1	9.5833	After	Interior Girder 1	9.5833	0.95	1	1	1.175532
Overweight Permit_serv	BOBJ1	9.5833	After	Interior Girder 2	9.5833	0.95	1	1	1.264798
Overweight Permit_serv	BOBJ1	9.5833	After	Interior Girder 3	9.5833	0.95	1	1	1.257953
Overweight Permit_serv	BOBJ1	9.5833	After	Interior Girder 4	9.5833	0.95	1	1	1.258604
Overweight Permit_serv	BOBJ1	9.5833	After	Interior Girder 5	9.5833	0.95	1	1	1.180534
Overweight Permit_serv	BOBJ1	9.5833	After	Right Exterior Girder	9.5833	0.95	1	1	1.826839
Overweight Permit_serv	BOBJ1	11.5	Before	Left Exterior Girder	11.5	0.95	1	1	1.75289
Overweight Permit_serv	BOBJ1	11.5	Before	Interior Girder 1	11.5	0.95	1	1	1.139874
Overweight Permit_serv	BOBJ1	11.5	Before	Interior Girder 2	11.5	0.95	1	1	1.223859
Overweight Permit_serv	BOBJ1	11.5	Before	Interior Girder 3	11.5	0.95	1	1	1.220051
Overweight Permit_serv	BOBJ1	11.5	Before	Interior Girder 4	11.5	0.95	1	1	1.217773
Overweight Permit_serv	BOBJ1	11.5	Before	Interior Girder 5	11.5	0.95	1	1	1.144659
Overweight Permit_serv	BOBJ1	11.5	Before	Right Exterior Girder	11.5	0.95	1	1	1.75289
Overweight Permit_serv	BOBJ1	11.5	After	Left Exterior Girder	11.5	0.95	1	1	1.752972
Overweight Permit_serv	BOBJ1	11.5	After	Interior Girder 1	11.5	0.95	1	1	1.139863
Overweight Permit_serv	BOBJ1	11.5	After	Interior Girder 2	11.5	0.95	1	1	1.223865
Overweight Permit_serv	BOBJ1	11.5	After	Interior Girder 3	11.5	0.95	1	1	1.22005
Overweight Permit_serv	BOBJ1	11.5	After	Interior Girder 4	11.5	0.95	1	1	1.217778
Overweight Permit_serv	BOBJ1	11.5	After	Interior Girder 5	11.5	0.95	1	1	1.144648
Overweight Permit_serv	BOBJ1	11.5	After	Right Exterior Girder	11.5	0.95	1	1	1.752972
Overweight Permit_serv	BOBJ1	13.4167	Before	Left Exterior Girder	13.4167	0.95	1	1	1.827063
Overweight Permit_serv	BOBJ1	13.4167	Before	Interior Girder 1	13.4167	0.95	1	1	1.175928
Overweight Permit_serv	BOBJ1	13.4167	Before	Interior Girder 2	13.4167	0.95	1	1	1.2651
Overweight Permit_serv	BOBJ1	13.4167	Before	Interior Girder 3	13.4167	0.95	1	1	1.258245
Overweight Permit_serv	BOBJ1	13.4167	Before	Interior Girder 4	13.4167	0.95	1	1	1.258905
Overweight Permit_serv	BOBJ1	13.4167	Before	Interior Girder 5	13.4167	0.95	1	1	1.180931
Overweight Permit_serv	BOBJ1	13.4167	Before	Right Exterior Girder	13.4167	0.95	1	1	1.827063
Overweight Permit_serv	BOBJ1	13.4167	After	Left Exterior Girder	13.4167	0.95	1	1	1.826582
Overweight Permit_serv	BOBJ1	13.4167	After	Interior Girder 1	13.4167	0.95	1	1	1.171803
Overweight Permit_serv	BOBJ1	13.4167	After	Interior Girder 2	13.4167	0.95	1	1	1.261701
Overweight Permit_serv	BOBJ1	13.4167	After	Interior Girder 3	13.4167	0.95	1	1	1.256432
Overweight Permit_serv	BOBJ1	13.4167	After	Interior Girder 4	13.4167	0.95	1	1	1.255508
Overweight Permit_serv	BOBJ1	13.4167	After	Interior Girder 5	13.4167	0.95	1	1	1.176935
Overweight Permit_serv	BOBJ1	13.4167	After	Right Exterior Girder	13.4167	0.95	1	1	1.826582
Overweight Permit_serv	BOBJ1	15.3333	Before	Left Exterior Girder	15.3333	0.95	1	1	2.085114
Overweight Permit_serv	BOBJ1	15.3333	Before	Interior Girder 1	15.3333	0.95	1	1	1.319555
Overweight Permit_serv	BOBJ1	15.3333	Before	Interior Girder 2	15.3333	0.95	1	1	1.42193

TABLE: Bridge Super Rating AASHTORATE18 26 - SteelINonCompServ-Flx - Main Span Stringers									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Overweight Permit_serv	BOBJ1	15.3333	Before	Interior Girder 3	15.3333	0.95	1	1	1.41101
Overweight Permit_serv	BOBJ1	15.3333	Before	Interior Girder 4	15.3333	0.95	1	1	1.415767
Overweight Permit_serv	BOBJ1	15.3333	Before	Interior Girder 5	15.3333	0.95	1	1	1.325614
Overweight Permit_serv	BOBJ1	15.3333	Before	Right Exterior Girder	15.3333	0.95	1	1	2.085114
Overweight Permit_serv	BOBJ1	15.3333	After	Left Exterior Girder	15.3333	0.95	1	1	2.083985
Overweight Permit_serv	BOBJ1	15.3333	After	Interior Girder 1	15.3333	0.95	1	1	1.310156
Overweight Permit_serv	BOBJ1	15.3333	After	Interior Girder 2	15.3333	0.95	1	1	1.41391
Overweight Permit_serv	BOBJ1	15.3333	After	Interior Girder 3	15.3333	0.95	1	1	1.405465
Overweight Permit_serv	BOBJ1	15.3333	After	Interior Girder 4	15.3333	0.95	1	1	1.407159
Overweight Permit_serv	BOBJ1	15.3333	After	Interior Girder 5	15.3333	0.95	1	1	1.316395
Overweight Permit_serv	BOBJ1	15.3333	After	Right Exterior Girder	15.3333	0.95	1	1	2.083985
Overweight Permit_serv	BOBJ1	17.25	Before	Left Exterior Girder	17.25	0.95	1	1	2.428612
Overweight Permit_serv	BOBJ1	17.25	Before	Interior Girder 1	17.25	0.95	1	1	1.57715
Overweight Permit_serv	BOBJ1	17.25	Before	Interior Girder 2	17.25	0.95	1	1	1.705489
Overweight Permit_serv	BOBJ1	17.25	Before	Interior Girder 3	17.25	0.95	1	1	1.699609
Overweight Permit_serv	BOBJ1	17.25	Before	Interior Girder 4	17.25	0.95	1	1	1.697473
Overweight Permit_serv	BOBJ1	17.25	Before	Interior Girder 5	17.25	0.95	1	1	1.585074
Overweight Permit_serv	BOBJ1	17.25	Before	Right Exterior Girder	17.25	0.95	1	1	2.428612
Overweight Permit_serv	BOBJ1	17.25	After	Left Exterior Girder	17.25	0.95	1	1	2.426963
Overweight Permit_serv	BOBJ1	17.25	After	Interior Girder 1	17.25	0.95	1	1	1.551451
Overweight Permit_serv	BOBJ1	17.25	After	Interior Girder 2	17.25	0.95	1	1	1.679144
Overweight Permit_serv	BOBJ1	17.25	After	Interior Girder 3	17.25	0.95	1	1	1.680286
Overweight Permit_serv	BOBJ1	17.25	After	Interior Girder 4	17.25	0.95	1	1	1.671205
Overweight Permit_serv	BOBJ1	17.25	After	Interior Girder 5	17.25	0.95	1	1	1.559601
Overweight Permit_serv	BOBJ1	17.25	After	Right Exterior Girder	17.25	0.95	1	1	2.426963
Overweight Permit_serv	BOBJ1	19.1667	Before	Left Exterior Girder	19.1667	0.95	1	1	3.275619
Overweight Permit_serv	BOBJ1	19.1667	Before	Interior Girder 1	19.1667	0.95	1	1	2.137505
Overweight Permit_serv	BOBJ1	19.1667	Before	Interior Girder 2	19.1667	0.95	1	1	2.313326
Overweight Permit_serv	BOBJ1	19.1667	Before	Interior Girder 3	19.1667	0.95	1	1	2.325022
Overweight Permit_serv	BOBJ1	19.1667	Before	Interior Girder 4	19.1667	0.95	1	1	2.303151
Overweight Permit_serv	BOBJ1	19.1667	Before	Interior Girder 5	19.1667	0.95	1	1	2.149302
Overweight Permit_serv	BOBJ1	19.1667	Before	Right Exterior Girder	19.1667	0.95	1	1	3.275619
Overweight Permit_serv	BOBJ1	19.1667	After	Left Exterior Girder	19.1667	0.95	1	1	3.274985
Overweight Permit_serv	BOBJ1	19.1667	After	Interior Girder 1	19.1667	0.95	1	1	2.084293
Overweight Permit_serv	BOBJ1	19.1667	After	Interior Girder 2	19.1667	0.95	1	1	2.259906
Overweight Permit_serv	BOBJ1	19.1667	After	Interior Girder 3	19.1667	0.95	1	1	2.285774
Overweight Permit_serv	BOBJ1	19.1667	After	Interior Girder 4	19.1667	0.95	1	1	2.249877
Overweight Permit_serv	BOBJ1	19.1667	After	Interior Girder 5	19.1667	0.95	1	1	2.096505
Overweight Permit_serv	BOBJ1	19.1667	After	Right Exterior Girder	19.1667	0.95	1	1	3.274985
Overweight Permit_serv	BOBJ1	21.0833	Before	Left Exterior Girder	21.0833	0.95	1	1	5.911186
Overweight Permit_serv	BOBJ1	21.0833	Before	Interior Girder 1	21.0833	0.95	1	1	3.873002
Overweight Permit_serv	BOBJ1	21.0833	Before	Interior Girder 2	21.0833	0.95	1	1	4.199269
Overweight Permit_serv	BOBJ1	21.0833	Before	Interior Girder 3	21.0833	0.95	1	1	4.248358
Overweight Permit_serv	BOBJ1	21.0833	Before	Interior Girder 4	21.0833	0.95	1	1	4.182914
Overweight Permit_serv	BOBJ1	21.0833	Before	Interior Girder 5	21.0833	0.95	1	1	3.897333
Overweight Permit_serv	BOBJ1	21.0833	Before	Right Exterior Girder	21.0833	0.95	1	1	5.911185
Overweight Permit_serv	BOBJ1	21.0833	After	Left Exterior Girder	21.0833	0.95	1	1	5.903471
Overweight Permit_serv	BOBJ1	21.0833	After	Interior Girder 1	21.0833	0.95	1	1	3.688936
Overweight Permit_serv	BOBJ1	21.0833	After	Interior Girder 2	21.0833	0.95	1	1	4.012611
Overweight Permit_serv	BOBJ1	21.0833	After	Interior Girder 3	21.0833	0.95	1	1	4.10564
Overweight Permit_serv	BOBJ1	21.0833	After	Interior Girder 4	21.0833	0.95	1	1	3.996455
Overweight Permit_serv	BOBJ1	21.0833	After	Interior Girder 5	21.0833	0.95	1	1	3.71432
Overweight Permit_serv	BOBJ1	21.0833	After	Right Exterior Girder	21.0833	0.95	1	1	5.903471
Overweight Permit_serv	BOBJ1	23	Before	Left Exterior Girder	23	0.95	1	1	179.40313
Overweight Permit_serv	BOBJ1	23	Before	Interior Girder 1	23	0.95	1	1	104.566896
Overweight Permit_serv	BOBJ1	23	Before	Interior Girder 2	23	0.95	1	1	118.649027
Overweight Permit_serv	BOBJ1	23	Before	Interior Girder 3	23	0.95	1	1	122.552263
Overweight Permit_serv	BOBJ1	23	Before	Interior Girder 4	23	0.95	1	1	117.398554
Overweight Permit_serv	BOBJ1	23	Before	Interior Girder 5	23	0.95	1	1	104.566893
Overweight Permit_serv	BOBJ1	23	Before	Right Exterior Girder	23	0.95	1	1	180.626998

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Main Span Stringers									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
HL93_str_opr	BOBJ1	0	After	Left Exterior Girder	0	0.95	1	1	4.185034
HL93_str_opr	BOBJ1	0	After	Interior Girder 1	0	0.95	1	1	2.121097
HL93_str_opr	BOBJ1	0	After	Interior Girder 2	0	0.95	1	1	2.342569
HL93_str_opr	BOBJ1	0	After	Interior Girder 3	0	0.95	1	1	2.315921
HL93_str_opr	BOBJ1	0	After	Interior Girder 4	0	0.95	1	1	2.331818
HL93_str_opr	BOBJ1	0	After	Interior Girder 5	0	0.95	1	1	2.139879
HL93_str_opr	BOBJ1	0	After	Right Exterior Girder	0	0.95	1	1	4.185034
HL93_str_opr	BOBJ1	1.9167	Before	Left Exterior Girder	1.9167	0.95	1	1	4.218192
HL93_str_opr	BOBJ1	1.9167	Before	Interior Girder 1	1.9167	0.95	1	1	2.14657
HL93_str_opr	BOBJ1	1.9167	Before	Interior Girder 2	1.9167	0.95	1	1	2.370703
HL93_str_opr	BOBJ1	1.9167	Before	Interior Girder 3	1.9167	0.95	1	1	2.343751
HL93_str_opr	BOBJ1	1.9167	Before	Interior Girder 4	1.9167	0.95	1	1	2.359822
HL93_str_opr	BOBJ1	1.9167	Before	Interior Girder 5	1.9167	0.95	1	1	2.165578
HL93_str_opr	BOBJ1	1.9167	Before	Right Exterior Girder	1.9167	0.95	1	1	4.218192
HL93_str_opr	BOBJ1	1.9167	After	Left Exterior Girder	1.9167	0.95	1	1	4.895859
HL93_str_opr	BOBJ1	1.9167	After	Interior Girder 1	1.9167	0.95	1	1	2.541303
HL93_str_opr	BOBJ1	1.9167	After	Interior Girder 2	1.9167	0.95	1	1	2.801473
HL93_str_opr	BOBJ1	1.9167	After	Interior Girder 3	1.9167	0.95	1	1	2.772733
HL93_str_opr	BOBJ1	1.9167	After	Interior Girder 4	1.9167	0.95	1	1	2.789267
HL93_str_opr	BOBJ1	1.9167	After	Interior Girder 5	1.9167	0.95	1	1	2.562656
HL93_str_opr	BOBJ1	1.9167	After	Right Exterior Girder	1.9167	0.95	1	1	4.895859
HL93_str_opr	BOBJ1	3.8333	Before	Left Exterior Girder	3.8333	0.95	1	1	4.934245
HL93_str_opr	BOBJ1	3.8333	Before	Interior Girder 1	3.8333	0.95	1	1	2.571318
HL93_str_opr	BOBJ1	3.8333	Before	Interior Girder 2	3.8333	0.95	1	1	2.83457
HL93_str_opr	BOBJ1	3.8333	Before	Interior Girder 3	3.8333	0.95	1	1	2.805502
HL93_str_opr	BOBJ1	3.8333	Before	Interior Girder 4	3.8333	0.95	1	1	2.82222
HL93_str_opr	BOBJ1	3.8333	Before	Interior Girder 5	3.8333	0.95	1	1	2.592923
HL93_str_opr	BOBJ1	3.8333	Before	Right Exterior Girder	3.8333	0.95	1	1	4.934245
HL93_str_opr	BOBJ1	3.8333	After	Left Exterior Girder	3.8333	0.95	1	1	5.880634
HL93_str_opr	BOBJ1	3.8333	After	Interior Girder 1	3.8333	0.95	1	1	3.085516
HL93_str_opr	BOBJ1	3.8333	After	Interior Girder 2	3.8333	0.95	1	1	3.401838
HL93_str_opr	BOBJ1	3.8333	After	Interior Girder 3	3.8333	0.95	1	1	3.365889
HL93_str_opr	BOBJ1	3.8333	After	Interior Girder 4	3.8333	0.95	1	1	3.387953
HL93_str_opr	BOBJ1	3.8333	After	Interior Girder 5	3.8333	0.95	1	1	3.111365
HL93_str_opr	BOBJ1	3.8333	After	Right Exterior Girder	3.8333	0.95	1	1	5.880634
HL93_str_opr	BOBJ1	5.75	Before	Left Exterior Girder	5.75	0.95	1	1	5.926263
HL93_str_opr	BOBJ1	5.75	Before	Interior Girder 1	5.75	0.95	1	1	3.121369
HL93_str_opr	BOBJ1	5.75	Before	Interior Girder 2	5.75	0.95	1	1	3.441381
HL93_str_opr	BOBJ1	5.75	Before	Interior Girder 3	5.75	0.95	1	1	3.405023
HL93_str_opr	BOBJ1	5.75	Before	Interior Girder 4	5.75	0.95	1	1	3.427336
HL93_str_opr	BOBJ1	5.75	Before	Interior Girder 5	5.75	0.95	1	1	3.147518
HL93_str_opr	BOBJ1	5.75	Before	Right Exterior Girder	5.75	0.95	1	1	5.926262
HL93_str_opr	BOBJ1	5.75	After	Left Exterior Girder	5.75	0.95	1	1	7.317784
HL93_str_opr	BOBJ1	5.75	After	Interior Girder 1	5.75	0.95	1	1	3.836453
HL93_str_opr	BOBJ1	5.75	After	Interior Girder 2	5.75	0.95	1	1	4.255001
HL93_str_opr	BOBJ1	5.75	After	Interior Girder 3	5.75	0.95	1	1	4.215468
HL93_str_opr	BOBJ1	5.75	After	Interior Girder 4	5.75	0.95	1	1	4.238941
HL93_str_opr	BOBJ1	5.75	After	Interior Girder 5	5.75	0.95	1	1	3.870012
HL93_str_opr	BOBJ1	5.75	After	Right Exterior Girder	5.75	0.95	1	1	7.317783
HL93_str_opr	BOBJ1	7.6667	Before	Left Exterior Girder	7.6667	0.95	1	1	7.373977
HL93_str_opr	BOBJ1	7.6667	Before	Interior Girder 1	7.6667	0.95	1	1	3.880325
HL93_str_opr	BOBJ1	7.6667	Before	Interior Girder 2	7.6667	0.95	1	1	4.303678
HL93_str_opr	BOBJ1	7.6667	Before	Interior Girder 3	7.6667	0.95	1	1	4.263698
HL93_str_opr	BOBJ1	7.6667	Before	Interior Girder 4	7.6667	0.95	1	1	4.287434
HL93_str_opr	BOBJ1	7.6667	Before	Interior Girder 5	7.6667	0.95	1	1	3.914268
HL93_str_opr	BOBJ1	7.6667	Before	Right Exterior Girder	7.6667	0.95	1	1	7.373977
HL93_str_opr	BOBJ1	7.6667	After	Left Exterior Girder	7.6667	0.95	1	1	9.208724
HL93_str_opr	BOBJ1	7.6667	After	Interior Girder 1	7.6667	0.95	1	1	4.828339
HL93_str_opr	BOBJ1	7.6667	After	Interior Girder 2	7.6667	0.95	1	1	5.385063
HL93_str_opr	BOBJ1	7.6667	After	Interior Girder 3	7.6667	0.95	1	1	5.375869
HL93_str_opr	BOBJ1	7.6667	After	Interior Girder 4	7.6667	0.95	1	1	5.36637
HL93_str_opr	BOBJ1	7.6667	After	Interior Girder 5	7.6667	0.95	1	1	4.876364
HL93_str_opr	BOBJ1	7.6667	After	Right Exterior Girder	7.6667	0.95	1	1	9.208724
HL93_str_opr	BOBJ1	9.5833	Before	Left Exterior Girder	9.5833	0.95	1	1	9.278712
HL93_str_opr	BOBJ1	9.5833	Before	Interior Girder 1	9.5833	0.95	1	1	4.882695

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Main Span Stringers									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
HL93_str_opr	BOBJ1	9.5833	Before	Interior Girder 2	9.5833	0.95	1	1	5.445705
HL93_str_opr	BOBJ1	9.5833	Before	Interior Girder 3	9.5833	0.95	1	1	5.436411
HL93_str_opr	BOBJ1	9.5833	Before	Interior Girder 4	9.5833	0.95	1	1	5.426802
HL93_str_opr	BOBJ1	9.5833	Before	Interior Girder 5	9.5833	0.95	1	1	4.931261
HL93_str_opr	BOBJ1	9.5833	Before	Right Exterior Girder	9.5833	0.95	1	1	9.278712
HL93_str_opr	BOBJ1	9.5833	After	Left Exterior Girder	9.5833	0.95	1	1	10.9801
HL93_str_opr	BOBJ1	9.5833	After	Interior Girder 1	9.5833	0.95	1	1	5.690123
HL93_str_opr	BOBJ1	9.5833	After	Interior Girder 2	9.5833	0.95	1	1	6.343231
HL93_str_opr	BOBJ1	9.5833	After	Interior Girder 3	9.5833	0.95	1	1	6.402653
HL93_str_opr	BOBJ1	9.5833	After	Interior Girder 4	9.5833	0.95	1	1	6.323538
HL93_str_opr	BOBJ1	9.5833	After	Interior Girder 5	9.5833	0.95	1	1	5.754231
HL93_str_opr	BOBJ1	9.5833	After	Right Exterior Girder	9.5833	0.95	1	1	10.9801
HL93_str_opr	BOBJ1	11.5	Before	Left Exterior Girder	11.5	0.95	1	1	11.0627
HL93_str_opr	BOBJ1	11.5	Before	Interior Girder 1	11.5	0.95	1	1	5.753204
HL93_str_opr	BOBJ1	11.5	Before	Interior Girder 2	11.5	0.95	1	1	6.413563
HL93_str_opr	BOBJ1	11.5	Before	Interior Girder 3	11.5	0.95	1	1	6.473645
HL93_str_opr	BOBJ1	11.5	Before	Interior Girder 4	11.5	0.95	1	1	6.393651
HL93_str_opr	BOBJ1	11.5	Before	Interior Girder 5	11.5	0.95	1	1	5.818023
HL93_str_opr	BOBJ1	11.5	Before	Right Exterior Girder	11.5	0.95	1	1	11.0627
HL93_str_opr	BOBJ1	11.5	After	Left Exterior Girder	11.5	0.95	1	1	11.061143
HL93_str_opr	BOBJ1	11.5	After	Interior Girder 1	11.5	0.95	1	1	5.750985
HL93_str_opr	BOBJ1	11.5	After	Interior Girder 2	11.5	0.95	1	1	6.411891
HL93_str_opr	BOBJ1	11.5	After	Interior Girder 3	11.5	0.95	1	1	6.471967
HL93_str_opr	BOBJ1	11.5	After	Interior Girder 4	11.5	0.95	1	1	6.391985
HL93_str_opr	BOBJ1	11.5	After	Interior Girder 5	11.5	0.95	1	1	5.81578
HL93_str_opr	BOBJ1	11.5	After	Right Exterior Girder	11.5	0.95	1	1	11.061143
HL93_str_opr	BOBJ1	13.4167	Before	Left Exterior Girder	13.4167	0.95	1	1	10.978543
HL93_str_opr	BOBJ1	13.4167	Before	Interior Girder 1	13.4167	0.95	1	1	5.687904
HL93_str_opr	BOBJ1	13.4167	Before	Interior Girder 2	13.4167	0.95	1	1	6.341559
HL93_str_opr	BOBJ1	13.4167	Before	Interior Girder 3	13.4167	0.95	1	1	6.400975
HL93_str_opr	BOBJ1	13.4167	Before	Interior Girder 4	13.4167	0.95	1	1	6.321871
HL93_str_opr	BOBJ1	13.4167	Before	Interior Girder 5	13.4167	0.95	1	1	5.751988
HL93_str_opr	BOBJ1	13.4167	Before	Right Exterior Girder	13.4167	0.95	1	1	10.978543
HL93_str_opr	BOBJ1	13.4167	After	Left Exterior Girder	13.4167	0.95	1	1	9.277435
HL93_str_opr	BOBJ1	13.4167	After	Interior Girder 1	13.4167	0.95	1	1	4.880749
HL93_str_opr	BOBJ1	13.4167	After	Interior Girder 2	13.4167	0.95	1	1	5.444277
HL93_str_opr	BOBJ1	13.4167	After	Interior Girder 3	13.4167	0.95	1	1	5.434981
HL93_str_opr	BOBJ1	13.4167	After	Interior Girder 4	13.4167	0.95	1	1	5.425379
HL93_str_opr	BOBJ1	13.4167	After	Interior Girder 5	13.4167	0.95	1	1	4.929296
HL93_str_opr	BOBJ1	13.4167	After	Right Exterior Girder	13.4167	0.95	1	1	9.277434
HL93_str_opr	BOBJ1	15.3333	Before	Left Exterior Girder	15.3333	0.95	1	1	9.207446
HL93_str_opr	BOBJ1	15.3333	Before	Interior Girder 1	15.3333	0.95	1	1	4.826393
HL93_str_opr	BOBJ1	15.3333	Before	Interior Girder 2	15.3333	0.95	1	1	5.383635
HL93_str_opr	BOBJ1	15.3333	Before	Interior Girder 3	15.3333	0.95	1	1	5.374439
HL93_str_opr	BOBJ1	15.3333	Before	Interior Girder 4	15.3333	0.95	1	1	5.364947
HL93_str_opr	BOBJ1	15.3333	Before	Interior Girder 5	15.3333	0.95	1	1	4.874399
HL93_str_opr	BOBJ1	15.3333	Before	Right Exterior Girder	15.3333	0.95	1	1	9.207446
HL93_str_opr	BOBJ1	15.3333	After	Left Exterior Girder	15.3333	0.95	1	1	7.373011
HL93_str_opr	BOBJ1	15.3333	After	Interior Girder 1	15.3333	0.95	1	1	3.878707
HL93_str_opr	BOBJ1	15.3333	After	Interior Girder 2	15.3333	0.95	1	1	4.302549
HL93_str_opr	BOBJ1	15.3333	After	Interior Girder 3	15.3333	0.95	1	1	4.262559
HL93_str_opr	BOBJ1	15.3333	After	Interior Girder 4	15.3333	0.95	1	1	4.286309
HL93_str_opr	BOBJ1	15.3333	After	Interior Girder 5	15.3333	0.95	1	1	3.912636
HL93_str_opr	BOBJ1	15.3333	After	Right Exterior Girder	15.3333	0.95	1	1	7.373011
HL93_str_opr	BOBJ1	17.25	Before	Left Exterior Girder	17.25	0.95	1	1	7.316818
HL93_str_opr	BOBJ1	17.25	Before	Interior Girder 1	17.25	0.95	1	1	3.834835
HL93_str_opr	BOBJ1	17.25	Before	Interior Girder 2	17.25	0.95	1	1	4.253872
HL93_str_opr	BOBJ1	17.25	Before	Interior Girder 3	17.25	0.95	1	1	4.214328
HL93_str_opr	BOBJ1	17.25	Before	Interior Girder 4	17.25	0.95	1	1	4.237815
HL93_str_opr	BOBJ1	17.25	Before	Interior Girder 5	17.25	0.95	1	1	3.868381
HL93_str_opr	BOBJ1	17.25	Before	Right Exterior Girder	17.25	0.95	1	1	7.316817
HL93_str_opr	BOBJ1	17.25	After	Left Exterior Girder	17.25	0.95	1	1	5.925612
HL93_str_opr	BOBJ1	17.25	After	Interior Girder 1	17.25	0.95	1	1	3.119935
HL93_str_opr	BOBJ1	17.25	After	Interior Girder 2	17.25	0.95	1	1	3.440498
HL93_str_opr	BOBJ1	17.25	After	Interior Girder 3	17.25	0.95	1	1	3.404118

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Main Span Stringers									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
HL93_str_opr	BOBJ1	17.25	After	Interior Girder 4	17.25	0.95	1	1	3.426456
HL93_str_opr	BOBJ1	17.25	After	Interior Girder 5	17.25	0.95	1	1	3.146072
HL93_str_opr	BOBJ1	17.25	After	Right Exterior Girder	17.25	0.95	1	1	5.925611
HL93_str_opr	BOBJ1	19.1667	Before	Left Exterior Girder	19.1667	0.95	1	1	5.879983
HL93_str_opr	BOBJ1	19.1667	Before	Interior Girder 1	19.1667	0.95	1	1	3.084082
HL93_str_opr	BOBJ1	19.1667	Before	Interior Girder 2	19.1667	0.95	1	1	3.400955
HL93_str_opr	BOBJ1	19.1667	Before	Interior Girder 3	19.1667	0.95	1	1	3.364984
HL93_str_opr	BOBJ1	19.1667	Before	Interior Girder 4	19.1667	0.95	1	1	3.387074
HL93_str_opr	BOBJ1	19.1667	Before	Interior Girder 5	19.1667	0.95	1	1	3.109919
HL93_str_opr	BOBJ1	19.1667	Before	Right Exterior Girder	19.1667	0.95	1	1	5.879983
HL93_str_opr	BOBJ1	19.1667	After	Left Exterior Girder	19.1667	0.95	1	1	4.933615
HL93_str_opr	BOBJ1	19.1667	After	Interior Girder 1	19.1667	0.95	1	1	2.570227
HL93_str_opr	BOBJ1	19.1667	After	Interior Girder 2	19.1667	0.95	1	1	2.833788
HL93_str_opr	BOBJ1	19.1667	After	Interior Girder 3	19.1667	0.95	1	1	2.804686
HL93_str_opr	BOBJ1	19.1667	After	Interior Girder 4	19.1667	0.95	1	1	2.821441
HL93_str_opr	BOBJ1	19.1667	After	Interior Girder 5	19.1667	0.95	1	1	2.591823
HL93_str_opr	BOBJ1	19.1667	After	Right Exterior Girder	19.1667	0.95	1	1	4.933615
HL93_str_opr	BOBJ1	21.0833	Before	Left Exterior Girder	21.0833	0.95	1	1	4.895229
HL93_str_opr	BOBJ1	21.0833	Before	Interior Girder 1	21.0833	0.95	1	1	2.540212
HL93_str_opr	BOBJ1	21.0833	Before	Interior Girder 2	21.0833	0.95	1	1	2.800692
HL93_str_opr	BOBJ1	21.0833	Before	Interior Girder 3	21.0833	0.95	1	1	2.771917
HL93_str_opr	BOBJ1	21.0833	Before	Interior Girder 4	21.0833	0.95	1	1	2.788489
HL93_str_opr	BOBJ1	21.0833	Before	Interior Girder 5	21.0833	0.95	1	1	2.561555
HL93_str_opr	BOBJ1	21.0833	Before	Right Exterior Girder	21.0833	0.95	1	1	4.895229
HL93_str_opr	BOBJ1	21.0833	After	Left Exterior Girder	21.0833	0.95	1	1	4.219012
HL93_str_opr	BOBJ1	21.0833	After	Interior Girder 1	21.0833	0.95	1	1	2.144451
HL93_str_opr	BOBJ1	21.0833	After	Interior Girder 2	21.0833	0.95	1	1	2.370384
HL93_str_opr	BOBJ1	21.0833	After	Interior Girder 3	21.0833	0.95	1	1	2.343424
HL93_str_opr	BOBJ1	21.0833	After	Interior Girder 4	21.0833	0.95	1	1	2.359505
HL93_str_opr	BOBJ1	21.0833	After	Interior Girder 5	21.0833	0.95	1	1	2.163439
HL93_str_opr	BOBJ1	21.0833	After	Right Exterior Girder	21.0833	0.95	1	1	4.219012
HL93_str_opr	BOBJ1	23	Before	Left Exterior Girder	23	0.95	1	1	4.185853
HL93_str_opr	BOBJ1	23	Before	Interior Girder 1	23	0.95	1	1	2.118977
HL93_str_opr	BOBJ1	23	Before	Interior Girder 2	23	0.95	1	1	2.34225
HL93_str_opr	BOBJ1	23	Before	Interior Girder 3	23	0.95	1	1	2.315594
HL93_str_opr	BOBJ1	23	Before	Interior Girder 4	23	0.95	1	1	2.3315
HL93_str_opr	BOBJ1	23	Before	Interior Girder 5	23	0.95	1	1	2.13774
HL93_str_opr	BOBJ1	23	Before	Right Exterior Girder	23	0.95	1	1	4.185853
HL93_str_inv	BOBJ1	0	After	Left Exterior Girder	0	0.95	1	1	3.228455
HL93_str_inv	BOBJ1	0	After	Interior Girder 1	0	0.95	1	1	1.636275
HL93_str_inv	BOBJ1	0	After	Interior Girder 2	0	0.95	1	1	1.807125
HL93_str_inv	BOBJ1	0	After	Interior Girder 3	0	0.95	1	1	1.786568
HL93_str_inv	BOBJ1	0	After	Interior Girder 4	0	0.95	1	1	1.798831
HL93_str_inv	BOBJ1	0	After	Interior Girder 5	0	0.95	1	1	1.650764
HL93_str_inv	BOBJ1	0	After	Right Exterior Girder	0	0.95	1	1	3.228455
HL93_str_inv	BOBJ1	1.9167	Before	Left Exterior Girder	1.9167	0.95	1	1	3.254034
HL93_str_inv	BOBJ1	1.9167	Before	Interior Girder 1	1.9167	0.95	1	1	1.655926
HL93_str_inv	BOBJ1	1.9167	Before	Interior Girder 2	1.9167	0.95	1	1	1.828828
HL93_str_inv	BOBJ1	1.9167	Before	Interior Girder 3	1.9167	0.95	1	1	1.808036
HL93_str_inv	BOBJ1	1.9167	Before	Interior Girder 4	1.9167	0.95	1	1	1.820434
HL93_str_inv	BOBJ1	1.9167	Before	Interior Girder 5	1.9167	0.95	1	1	1.670589
HL93_str_inv	BOBJ1	1.9167	Before	Right Exterior Girder	1.9167	0.95	1	1	3.254034
HL93_str_inv	BOBJ1	1.9167	After	Left Exterior Girder	1.9167	0.95	1	1	3.776805
HL93_str_inv	BOBJ1	1.9167	After	Interior Girder 1	1.9167	0.95	1	1	1.960434
HL93_str_inv	BOBJ1	1.9167	After	Interior Girder 2	1.9167	0.95	1	1	2.161137
HL93_str_inv	BOBJ1	1.9167	After	Interior Girder 3	1.9167	0.95	1	1	2.138965
HL93_str_inv	BOBJ1	1.9167	After	Interior Girder 4	1.9167	0.95	1	1	2.15172
HL93_str_inv	BOBJ1	1.9167	After	Interior Girder 5	1.9167	0.95	1	1	1.976906
HL93_str_inv	BOBJ1	1.9167	After	Right Exterior Girder	1.9167	0.95	1	1	3.776805
HL93_str_inv	BOBJ1	3.8333	Before	Left Exterior Girder	3.8333	0.95	1	1	3.806417
HL93_str_inv	BOBJ1	3.8333	Before	Interior Girder 1	3.8333	0.95	1	1	1.983588
HL93_str_inv	BOBJ1	3.8333	Before	Interior Girder 2	3.8333	0.95	1	1	2.186668
HL93_str_inv	BOBJ1	3.8333	Before	Interior Girder 3	3.8333	0.95	1	1	2.164244
HL93_str_inv	BOBJ1	3.8333	Before	Interior Girder 4	3.8333	0.95	1	1	2.177141
HL93_str_inv	BOBJ1	3.8333	Before	Interior Girder 5	3.8333	0.95	1	1	2.000255

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Main Span Stringers									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
HL93_str_inv	BOBJ1	3.8333	Before	Right Exterior Girder	3.8333	0.95	1	1	3.806417
HL93_str_inv	BOBJ1	3.8333	After	Left Exterior Girder	3.8333	0.95	1	1	4.536489
HL93_str_inv	BOBJ1	3.8333	After	Interior Girder 1	3.8333	0.95	1	1	2.380255
HL93_str_inv	BOBJ1	3.8333	After	Interior Girder 2	3.8333	0.95	1	1	2.624275
HL93_str_inv	BOBJ1	3.8333	After	Interior Girder 3	3.8333	0.95	1	1	2.596543
HL93_str_inv	BOBJ1	3.8333	After	Interior Girder 4	3.8333	0.95	1	1	2.613564
HL93_str_inv	BOBJ1	3.8333	After	Interior Girder 5	3.8333	0.95	1	1	2.400196
HL93_str_inv	BOBJ1	3.8333	After	Right Exterior Girder	3.8333	0.95	1	1	4.536489
HL93_str_inv	BOBJ1	5.75	Before	Left Exterior Girder	5.75	0.95	1	1	4.571688
HL93_str_inv	BOBJ1	5.75	Before	Interior Girder 1	5.75	0.95	1	1	2.407913
HL93_str_inv	BOBJ1	5.75	Before	Interior Girder 2	5.75	0.95	1	1	2.65478
HL93_str_inv	BOBJ1	5.75	Before	Interior Girder 3	5.75	0.95	1	1	2.626732
HL93_str_inv	BOBJ1	5.75	Before	Interior Girder 4	5.75	0.95	1	1	2.643945
HL93_str_inv	BOBJ1	5.75	Before	Interior Girder 5	5.75	0.95	1	1	2.428085
HL93_str_inv	BOBJ1	5.75	Before	Right Exterior Girder	5.75	0.95	1	1	4.571688
HL93_str_inv	BOBJ1	5.75	After	Left Exterior Girder	5.75	0.95	1	1	5.645147
HL93_str_inv	BOBJ1	5.75	After	Interior Girder 1	5.75	0.95	1	1	2.959549
HL93_str_inv	BOBJ1	5.75	After	Interior Girder 2	5.75	0.95	1	1	3.28243
HL93_str_inv	BOBJ1	5.75	After	Interior Girder 3	5.75	0.95	1	1	3.251932
HL93_str_inv	BOBJ1	5.75	After	Interior Girder 4	5.75	0.95	1	1	3.27004
HL93_str_inv	BOBJ1	5.75	After	Interior Girder 5	5.75	0.95	1	1	2.985438
HL93_str_inv	BOBJ1	5.75	After	Right Exterior Girder	5.75	0.95	1	1	5.645147
HL93_str_inv	BOBJ1	7.6667	Before	Left Exterior Girder	7.6667	0.95	1	1	5.688497
HL93_str_inv	BOBJ1	7.6667	Before	Interior Girder 1	7.6667	0.95	1	1	2.993393
HL93_str_inv	BOBJ1	7.6667	Before	Interior Girder 2	7.6667	0.95	1	1	3.31998
HL93_str_inv	BOBJ1	7.6667	Before	Interior Girder 3	7.6667	0.95	1	1	3.289138
HL93_str_inv	BOBJ1	7.6667	Before	Interior Girder 4	7.6667	0.95	1	1	3.307449
HL93_str_inv	BOBJ1	7.6667	Before	Interior Girder 5	7.6667	0.95	1	1	3.019578
HL93_str_inv	BOBJ1	7.6667	Before	Right Exterior Girder	7.6667	0.95	1	1	5.688497
HL93_str_inv	BOBJ1	7.6667	After	Left Exterior Girder	7.6667	0.95	1	1	7.103873
HL93_str_inv	BOBJ1	7.6667	After	Interior Girder 1	7.6667	0.95	1	1	3.724718
HL93_str_inv	BOBJ1	7.6667	After	Interior Girder 2	7.6667	0.95	1	1	4.154192
HL93_str_inv	BOBJ1	7.6667	After	Interior Girder 3	7.6667	0.95	1	1	4.147099
HL93_str_inv	BOBJ1	7.6667	After	Interior Girder 4	7.6667	0.95	1	1	4.139771
HL93_str_inv	BOBJ1	7.6667	After	Interior Girder 5	7.6667	0.95	1	1	3.761766
HL93_str_inv	BOBJ1	7.6667	After	Right Exterior Girder	7.6667	0.95	1	1	7.103873
HL93_str_inv	BOBJ1	9.5833	Before	Left Exterior Girder	9.5833	0.95	1	1	7.157864
HL93_str_inv	BOBJ1	9.5833	Before	Interior Girder 1	9.5833	0.95	1	1	3.766651
HL93_str_inv	BOBJ1	9.5833	Before	Interior Girder 2	9.5833	0.95	1	1	4.200973
HL93_str_inv	BOBJ1	9.5833	Before	Interior Girder 3	9.5833	0.95	1	1	4.193803
HL93_str_inv	BOBJ1	9.5833	Before	Interior Girder 4	9.5833	0.95	1	1	4.18639
HL93_str_inv	BOBJ1	9.5833	Before	Interior Girder 5	9.5833	0.95	1	1	3.804116
HL93_str_inv	BOBJ1	9.5833	Before	Right Exterior Girder	9.5833	0.95	1	1	7.157864
HL93_str_inv	BOBJ1	9.5833	After	Left Exterior Girder	9.5833	0.95	1	1	8.470363
HL93_str_inv	BOBJ1	9.5833	After	Interior Girder 1	9.5833	0.95	1	1	4.389523
HL93_str_inv	BOBJ1	9.5833	After	Interior Girder 2	9.5833	0.95	1	1	4.893349
HL93_str_inv	BOBJ1	9.5833	After	Interior Girder 3	9.5833	0.95	1	1	4.939189
HL93_str_inv	BOBJ1	9.5833	After	Interior Girder 4	9.5833	0.95	1	1	4.878158
HL93_str_inv	BOBJ1	9.5833	After	Interior Girder 5	9.5833	0.95	1	1	4.438978
HL93_str_inv	BOBJ1	9.5833	After	Right Exterior Girder	9.5833	0.95	1	1	8.470363
HL93_str_inv	BOBJ1	11.5	Before	Left Exterior Girder	11.5	0.95	1	1	8.534083
HL93_str_inv	BOBJ1	11.5	Before	Interior Girder 1	11.5	0.95	1	1	4.438186
HL93_str_inv	BOBJ1	11.5	Before	Interior Girder 2	11.5	0.95	1	1	4.947606
HL93_str_inv	BOBJ1	11.5	Before	Interior Girder 3	11.5	0.95	1	1	4.993954
HL93_str_inv	BOBJ1	11.5	Before	Interior Girder 4	11.5	0.95	1	1	4.932245
HL93_str_inv	BOBJ1	11.5	Before	Interior Girder 5	11.5	0.95	1	1	4.488189
HL93_str_inv	BOBJ1	11.5	Before	Right Exterior Girder	11.5	0.95	1	1	8.534083
HL93_str_inv	BOBJ1	11.5	After	Left Exterior Girder	11.5	0.95	1	1	8.532882
HL93_str_inv	BOBJ1	11.5	After	Interior Girder 1	11.5	0.95	1	1	4.436475
HL93_str_inv	BOBJ1	11.5	After	Interior Girder 2	11.5	0.95	1	1	4.946316
HL93_str_inv	BOBJ1	11.5	After	Interior Girder 3	11.5	0.95	1	1	4.99266
HL93_str_inv	BOBJ1	11.5	After	Interior Girder 4	11.5	0.95	1	1	4.93096
HL93_str_inv	BOBJ1	11.5	After	Interior Girder 5	11.5	0.95	1	1	4.486459
HL93_str_inv	BOBJ1	11.5	After	Right Exterior Girder	11.5	0.95	1	1	8.532882
HL93_str_inv	BOBJ1	13.4167	Before	Left Exterior Girder	13.4167	0.95	1	1	8.469162

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Main Span Stringers									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
HL93_str_inv	BOBJ1	13.4167	Before	Interior Girder 1	13.4167	0.95	1	1	4.387812
HL93_str_inv	BOBJ1	13.4167	Before	Interior Girder 2	13.4167	0.95	1	1	4.89206
HL93_str_inv	BOBJ1	13.4167	Before	Interior Girder 3	13.4167	0.95	1	1	4.937895
HL93_str_inv	BOBJ1	13.4167	Before	Interior Girder 4	13.4167	0.95	1	1	4.876872
HL93_str_inv	BOBJ1	13.4167	Before	Interior Girder 5	13.4167	0.95	1	1	4.437248
HL93_str_inv	BOBJ1	13.4167	Before	Right Exterior Girder	13.4167	0.95	1	1	8.469162
HL93_str_inv	BOBJ1	13.4167	After	Left Exterior Girder	13.4167	0.95	1	1	7.156878
HL93_str_inv	BOBJ1	13.4167	After	Interior Girder 1	13.4167	0.95	1	1	3.765149
HL93_str_inv	BOBJ1	13.4167	After	Interior Girder 2	13.4167	0.95	1	1	4.199871
HL93_str_inv	BOBJ1	13.4167	After	Interior Girder 3	13.4167	0.95	1	1	4.1927
HL93_str_inv	BOBJ1	13.4167	After	Interior Girder 4	13.4167	0.95	1	1	4.185292
HL93_str_inv	BOBJ1	13.4167	After	Interior Girder 5	13.4167	0.95	1	1	3.8026
HL93_str_inv	BOBJ1	13.4167	After	Right Exterior Girder	13.4167	0.95	1	1	7.156878
HL93_str_inv	BOBJ1	15.3333	Before	Left Exterior Girder	15.3333	0.95	1	1	7.102887
HL93_str_inv	BOBJ1	15.3333	Before	Interior Girder 1	15.3333	0.95	1	1	3.723217
HL93_str_inv	BOBJ1	15.3333	Before	Interior Girder 2	15.3333	0.95	1	1	4.15309
HL93_str_inv	BOBJ1	15.3333	Before	Interior Girder 3	15.3333	0.95	1	1	4.145996
HL93_str_inv	BOBJ1	15.3333	Before	Interior Girder 4	15.3333	0.95	1	1	4.138673
HL93_str_inv	BOBJ1	15.3333	Before	Interior Girder 5	15.3333	0.95	1	1	3.76025
HL93_str_inv	BOBJ1	15.3333	Before	Right Exterior Girder	15.3333	0.95	1	1	7.102887
HL93_str_inv	BOBJ1	15.3333	After	Left Exterior Girder	15.3333	0.95	1	1	5.687752
HL93_str_inv	BOBJ1	15.3333	After	Interior Girder 1	15.3333	0.95	1	1	2.992146
HL93_str_inv	BOBJ1	15.3333	After	Interior Girder 2	15.3333	0.95	1	1	3.319109
HL93_str_inv	BOBJ1	15.3333	After	Interior Girder 3	15.3333	0.95	1	1	3.28826
HL93_str_inv	BOBJ1	15.3333	After	Interior Girder 4	15.3333	0.95	1	1	3.306581
HL93_str_inv	BOBJ1	15.3333	After	Interior Girder 5	15.3333	0.95	1	1	3.018319
HL93_str_inv	BOBJ1	15.3333	After	Right Exterior Girder	15.3333	0.95	1	1	5.687751
HL93_str_inv	BOBJ1	17.25	Before	Left Exterior Girder	17.25	0.95	1	1	5.644402
HL93_str_inv	BOBJ1	17.25	Before	Interior Girder 1	17.25	0.95	1	1	2.958302
HL93_str_inv	BOBJ1	17.25	Before	Interior Girder 2	17.25	0.95	1	1	3.281558
HL93_str_inv	BOBJ1	17.25	Before	Interior Girder 3	17.25	0.95	1	1	3.251053
HL93_str_inv	BOBJ1	17.25	Before	Interior Girder 4	17.25	0.95	1	1	3.269172
HL93_str_inv	BOBJ1	17.25	Before	Interior Girder 5	17.25	0.95	1	1	2.984179
HL93_str_inv	BOBJ1	17.25	Before	Right Exterior Girder	17.25	0.95	1	1	5.644402
HL93_str_inv	BOBJ1	17.25	After	Left Exterior Girder	17.25	0.95	1	1	4.571186
HL93_str_inv	BOBJ1	17.25	After	Interior Girder 1	17.25	0.95	1	1	2.406807
HL93_str_inv	BOBJ1	17.25	After	Interior Girder 2	17.25	0.95	1	1	2.654098
HL93_str_inv	BOBJ1	17.25	After	Interior Girder 3	17.25	0.95	1	1	2.626034
HL93_str_inv	BOBJ1	17.25	After	Interior Girder 4	17.25	0.95	1	1	2.643266
HL93_str_inv	BOBJ1	17.25	After	Interior Girder 5	17.25	0.95	1	1	2.42697
HL93_str_inv	BOBJ1	17.25	After	Right Exterior Girder	17.25	0.95	1	1	4.571186
HL93_str_inv	BOBJ1	19.1667	Before	Left Exterior Girder	19.1667	0.95	1	1	4.535987
HL93_str_inv	BOBJ1	19.1667	Before	Interior Girder 1	19.1667	0.95	1	1	2.379149
HL93_str_inv	BOBJ1	19.1667	Before	Interior Girder 2	19.1667	0.95	1	1	2.623593
HL93_str_inv	BOBJ1	19.1667	Before	Interior Girder 3	19.1667	0.95	1	1	2.595845
HL93_str_inv	BOBJ1	19.1667	Before	Interior Girder 4	19.1667	0.95	1	1	2.612886
HL93_str_inv	BOBJ1	19.1667	Before	Interior Girder 5	19.1667	0.95	1	1	2.39908
HL93_str_inv	BOBJ1	19.1667	Before	Right Exterior Girder	19.1667	0.95	1	1	4.535987
HL93_str_inv	BOBJ1	19.1667	After	Left Exterior Girder	19.1667	0.95	1	1	3.805931
HL93_str_inv	BOBJ1	19.1667	After	Interior Girder 1	19.1667	0.95	1	1	1.982747
HL93_str_inv	BOBJ1	19.1667	After	Interior Girder 2	19.1667	0.95	1	1	2.186065
HL93_str_inv	BOBJ1	19.1667	After	Interior Girder 3	19.1667	0.95	1	1	2.163615
HL93_str_inv	BOBJ1	19.1667	After	Interior Girder 4	19.1667	0.95	1	1	2.176541
HL93_str_inv	BOBJ1	19.1667	After	Interior Girder 5	19.1667	0.95	1	1	1.999406
HL93_str_inv	BOBJ1	19.1667	After	Right Exterior Girder	19.1667	0.95	1	1	3.805931
HL93_str_inv	BOBJ1	21.0833	Before	Left Exterior Girder	21.0833	0.95	1	1	3.776319
HL93_str_inv	BOBJ1	21.0833	Before	Interior Girder 1	21.0833	0.95	1	1	1.959592
HL93_str_inv	BOBJ1	21.0833	Before	Interior Girder 2	21.0833	0.95	1	1	2.160533
HL93_str_inv	BOBJ1	21.0833	Before	Interior Girder 3	21.0833	0.95	1	1	2.138336
HL93_str_inv	BOBJ1	21.0833	Before	Interior Girder 4	21.0833	0.95	1	1	2.15112
HL93_str_inv	BOBJ1	21.0833	Before	Interior Girder 5	21.0833	0.95	1	1	1.976057
HL93_str_inv	BOBJ1	21.0833	Before	Right Exterior Girder	21.0833	0.95	1	1	3.776319
HL93_str_inv	BOBJ1	21.0833	After	Left Exterior Girder	21.0833	0.95	1	1	3.254666
HL93_str_inv	BOBJ1	21.0833	After	Interior Girder 1	21.0833	0.95	1	1	1.65429
HL93_str_inv	BOBJ1	21.0833	After	Interior Girder 2	21.0833	0.95	1	1	1.828582

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Main Span Stringers									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
HL93_str_inv	BOBJ1	21.0833	After	Interior Girder 3	21.0833	0.95	1	1	1.807784
HL93_str_inv	BOBJ1	21.0833	After	Interior Girder 4	21.0833	0.95	1	1	1.820189
HL93_str_inv	BOBJ1	21.0833	After	Interior Girder 5	21.0833	0.95	1	1	1.668939
HL93_str_inv	BOBJ1	21.0833	After	Right Exterior Girder	21.0833	0.95	1	1	3.254666
HL93_str_inv	BOBJ1	23	Before	Left Exterior Girder	23	0.95	1	1	3.229087
HL93_str_inv	BOBJ1	23	Before	Interior Girder 1	23	0.95	1	1	1.634639
HL93_str_inv	BOBJ1	23	Before	Interior Girder 2	23	0.95	1	1	1.806879
HL93_str_inv	BOBJ1	23	Before	Interior Girder 3	23	0.95	1	1	1.786316
HL93_str_inv	BOBJ1	23	Before	Interior Girder 4	23	0.95	1	1	1.798586
HL93_str_inv	BOBJ1	23	Before	Interior Girder 5	23	0.95	1	1	1.649114
HL93_str_inv	BOBJ1	23	Before	Right Exterior Girder	23	0.95	1	1	3.229087
HS20_str_opr	BOBJ1	0	After	Left Exterior Girder	0	0.95	1	1	4.53446
HS20_str_opr	BOBJ1	0	After	Interior Girder 1	0	0.95	1	1	2.350086
HS20_str_opr	BOBJ1	0	After	Interior Girder 2	0	0.95	1	1	2.579523
HS20_str_opr	BOBJ1	0	After	Interior Girder 3	0	0.95	1	1	2.563787
HS20_str_opr	BOBJ1	0	After	Interior Girder 4	0	0.95	1	1	2.573479
HS20_str_opr	BOBJ1	0	After	Interior Girder 5	0	0.95	1	1	2.372173
HS20_str_opr	BOBJ1	0	After	Right Exterior Girder	0	0.95	1	1	4.53446
HS20_str_opr	BOBJ1	1.9167	Before	Left Exterior Girder	1.9167	0.95	1	1	4.570387
HS20_str_opr	BOBJ1	1.9167	Before	Interior Girder 1	1.9167	0.95	1	1	2.37831
HS20_str_opr	BOBJ1	1.9167	Before	Interior Girder 2	1.9167	0.95	1	1	2.610503
HS20_str_opr	BOBJ1	1.9167	Before	Interior Girder 3	1.9167	0.95	1	1	2.594596
HS20_str_opr	BOBJ1	1.9167	Before	Interior Girder 4	1.9167	0.95	1	1	2.604386
HS20_str_opr	BOBJ1	1.9167	Before	Interior Girder 5	1.9167	0.95	1	1	2.400662
HS20_str_opr	BOBJ1	1.9167	Before	Right Exterior Girder	1.9167	0.95	1	1	4.570387
HS20_str_opr	BOBJ1	1.9167	After	Left Exterior Girder	1.9167	0.95	1	1	5.294057
HS20_str_opr	BOBJ1	1.9167	After	Interior Girder 1	1.9167	0.95	1	1	2.807789
HS20_str_opr	BOBJ1	1.9167	After	Interior Girder 2	1.9167	0.95	1	1	3.078583
HS20_str_opr	BOBJ1	1.9167	After	Interior Girder 3	1.9167	0.95	1	1	3.062314
HS20_str_opr	BOBJ1	1.9167	After	Interior Girder 4	1.9167	0.95	1	1	3.071713
HS20_str_opr	BOBJ1	1.9167	After	Interior Girder 5	1.9167	0.95	1	1	2.83279
HS20_str_opr	BOBJ1	1.9167	After	Right Exterior Girder	1.9167	0.95	1	1	5.294057
HS20_str_opr	BOBJ1	3.8333	Before	Left Exterior Girder	3.8333	0.95	1	1	5.335565
HS20_str_opr	BOBJ1	3.8333	Before	Interior Girder 1	3.8333	0.95	1	1	2.840952
HS20_str_opr	BOBJ1	3.8333	Before	Interior Girder 2	3.8333	0.95	1	1	3.114953
HS20_str_opr	BOBJ1	3.8333	Before	Interior Girder 3	3.8333	0.95	1	1	3.098506
HS20_str_opr	BOBJ1	3.8333	Before	Interior Girder 4	3.8333	0.95	1	1	3.108003
HS20_str_opr	BOBJ1	3.8333	Before	Interior Girder 5	3.8333	0.95	1	1	2.866248
HS20_str_opr	BOBJ1	3.8333	Before	Right Exterior Girder	3.8333	0.95	1	1	5.335565
HS20_str_opr	BOBJ1	3.8333	After	Left Exterior Girder	3.8333	0.95	1	1	6.347882
HS20_str_opr	BOBJ1	3.8333	After	Interior Girder 1	3.8333	0.95	1	1	3.401104
HS20_str_opr	BOBJ1	3.8333	After	Interior Girder 2	3.8333	0.95	1	1	3.731726
HS20_str_opr	BOBJ1	3.8333	After	Interior Girder 3	3.8333	0.95	1	1	3.710075
HS20_str_opr	BOBJ1	3.8333	After	Interior Girder 4	3.8333	0.95	1	1	3.724406
HS20_str_opr	BOBJ1	3.8333	After	Interior Girder 5	3.8333	0.95	1	1	3.431583
HS20_str_opr	BOBJ1	3.8333	After	Right Exterior Girder	3.8333	0.95	1	1	6.347882
HS20_str_opr	BOBJ1	5.75	Before	Left Exterior Girder	5.75	0.95	1	1	6.397136
HS20_str_opr	BOBJ1	5.75	Before	Interior Girder 1	5.75	0.95	1	1	3.440624
HS20_str_opr	BOBJ1	5.75	Before	Interior Girder 2	5.75	0.95	1	1	3.775104
HS20_str_opr	BOBJ1	5.75	Before	Interior Girder 3	5.75	0.95	1	1	3.753211
HS20_str_opr	BOBJ1	5.75	Before	Interior Girder 4	5.75	0.95	1	1	3.767699
HS20_str_opr	BOBJ1	5.75	Before	Interior Girder 5	5.75	0.95	1	1	3.471457
HS20_str_opr	BOBJ1	5.75	Before	Right Exterior Girder	5.75	0.95	1	1	6.397135
HS20_str_opr	BOBJ1	5.75	After	Left Exterior Girder	5.75	0.95	1	1	7.888079
HS20_str_opr	BOBJ1	5.75	After	Interior Girder 1	5.75	0.95	1	1	4.222782
HS20_str_opr	BOBJ1	5.75	After	Interior Girder 2	5.75	0.95	1	1	4.664394
HS20_str_opr	BOBJ1	5.75	After	Interior Girder 3	5.75	0.95	1	1	4.644204
HS20_str_opr	BOBJ1	5.75	After	Interior Girder 4	5.75	0.95	1	1	4.657273
HS20_str_opr	BOBJ1	5.75	After	Interior Girder 5	5.75	0.95	1	1	4.26277
HS20_str_opr	BOBJ1	5.75	After	Right Exterior Girder	5.75	0.95	1	1	7.888079
HS20_str_opr	BOBJ1	7.6667	Before	Left Exterior Girder	7.6667	0.95	1	1	7.948652
HS20_str_opr	BOBJ1	7.6667	Before	Interior Girder 1	7.6667	0.95	1	1	4.271072
HS20_str_opr	BOBJ1	7.6667	Before	Interior Girder 2	7.6667	0.95	1	1	4.717754
HS20_str_opr	BOBJ1	7.6667	Before	Interior Girder 3	7.6667	0.95	1	1	4.69734
HS20_str_opr	BOBJ1	7.6667	Before	Interior Girder 4	7.6667	0.95	1	1	4.710551

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Main Span Stringers									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
HS20_str_opr	BOBJ1	7.6667	Before	Interior Girder 5	7.6667	0.95	1	1	4.311517
HS20_str_opr	BOBJ1	7.6667	Before	Right Exterior Girder	7.6667	0.95	1	1	7.948652
HS20_str_opr	BOBJ1	7.6667	After	Left Exterior Girder	7.6667	0.95	1	1	9.890031
HS20_str_opr	BOBJ1	7.6667	After	Interior Girder 1	7.6667	0.95	1	1	5.302111
HS20_str_opr	BOBJ1	7.6667	After	Interior Girder 2	7.6667	0.95	1	1	5.922969
HS20_str_opr	BOBJ1	7.6667	After	Interior Girder 3	7.6667	0.95	1	1	5.914756
HS20_str_opr	BOBJ1	7.6667	After	Interior Girder 4	7.6667	0.95	1	1	5.920198
HS20_str_opr	BOBJ1	7.6667	After	Interior Girder 5	7.6667	0.95	1	1	5.359168
HS20_str_opr	BOBJ1	7.6667	After	Right Exterior Girder	7.6667	0.95	1	1	9.890031
HS20_str_opr	BOBJ1	9.5833	Before	Left Exterior Girder	9.5833	0.95	1	1	9.965198
HS20_str_opr	BOBJ1	9.5833	Before	Interior Girder 1	9.5833	0.95	1	1	5.361801
HS20_str_opr	BOBJ1	9.5833	Before	Interior Girder 2	9.5833	0.95	1	1	5.989669
HS20_str_opr	BOBJ1	9.5833	Before	Interior Girder 3	9.5833	0.95	1	1	5.981367
HS20_str_opr	BOBJ1	9.5833	Before	Interior Girder 4	9.5833	0.95	1	1	5.986866
HS20_str_opr	BOBJ1	9.5833	Before	Interior Girder 5	9.5833	0.95	1	1	5.419501
HS20_str_opr	BOBJ1	9.5833	Before	Right Exterior Girder	9.5833	0.95	1	1	9.965198
HS20_str_opr	BOBJ1	9.5833	After	Left Exterior Girder	9.5833	0.95	1	1	11.672683
HS20_str_opr	BOBJ1	9.5833	After	Interior Girder 1	9.5833	0.95	1	1	6.180359
HS20_str_opr	BOBJ1	9.5833	After	Interior Girder 2	9.5833	0.95	1	1	6.900523
HS20_str_opr	BOBJ1	9.5833	After	Interior Girder 3	9.5833	0.95	1	1	6.967188
HS20_str_opr	BOBJ1	9.5833	After	Interior Girder 4	9.5833	0.95	1	1	6.899022
HS20_str_opr	BOBJ1	9.5833	After	Interior Girder 5	9.5833	0.95	1	1	6.254174
HS20_str_opr	BOBJ1	9.5833	After	Right Exterior Girder	9.5833	0.95	1	1	11.672683
HS20_str_opr	BOBJ1	11.5	Before	Left Exterior Girder	11.5	0.95	1	1	11.760493
HS20_str_opr	BOBJ1	11.5	Before	Interior Girder 1	11.5	0.95	1	1	6.248875
HS20_str_opr	BOBJ1	11.5	Before	Interior Girder 2	11.5	0.95	1	1	6.977034
HS20_str_opr	BOBJ1	11.5	Before	Interior Girder 3	11.5	0.95	1	1	7.04444
HS20_str_opr	BOBJ1	11.5	Before	Interior Girder 4	11.5	0.95	1	1	6.975517
HS20_str_opr	BOBJ1	11.5	Before	Interior Girder 5	11.5	0.95	1	1	6.323508
HS20_str_opr	BOBJ1	11.5	Before	Right Exterior Girder	11.5	0.95	1	1	11.760493
HS20_str_opr	BOBJ1	11.5	After	Left Exterior Girder	11.5	0.95	1	1	11.758838
HS20_str_opr	BOBJ1	11.5	After	Interior Girder 1	11.5	0.95	1	1	6.246465
HS20_str_opr	BOBJ1	11.5	After	Interior Girder 2	11.5	0.95	1	1	6.975216
HS20_str_opr	BOBJ1	11.5	After	Interior Girder 3	11.5	0.95	1	1	7.042614
HS20_str_opr	BOBJ1	11.5	After	Interior Girder 4	11.5	0.95	1	1	6.973699
HS20_str_opr	BOBJ1	11.5	After	Interior Girder 5	11.5	0.95	1	1	6.32107
HS20_str_opr	BOBJ1	11.5	After	Right Exterior Girder	11.5	0.95	1	1	11.758838
HS20_str_opr	BOBJ1	13.4167	Before	Left Exterior Girder	13.4167	0.95	1	1	11.671028
HS20_str_opr	BOBJ1	13.4167	Before	Interior Girder 1	13.4167	0.95	1	1	6.177949
HS20_str_opr	BOBJ1	13.4167	Before	Interior Girder 2	13.4167	0.95	1	1	6.898705
HS20_str_opr	BOBJ1	13.4167	Before	Interior Girder 3	13.4167	0.95	1	1	6.965362
HS20_str_opr	BOBJ1	13.4167	Before	Interior Girder 4	13.4167	0.95	1	1	6.897205
HS20_str_opr	BOBJ1	13.4167	Before	Interior Girder 5	13.4167	0.95	1	1	6.251735
HS20_str_opr	BOBJ1	13.4167	Before	Right Exterior Girder	13.4167	0.95	1	1	11.671028
HS20_str_opr	BOBJ1	13.4167	After	Left Exterior Girder	13.4167	0.95	1	1	9.963825
HS20_str_opr	BOBJ1	13.4167	After	Interior Girder 1	13.4167	0.95	1	1	5.359664
HS20_str_opr	BOBJ1	13.4167	After	Interior Girder 2	13.4167	0.95	1	1	5.988098
HS20_str_opr	BOBJ1	13.4167	After	Interior Girder 3	13.4167	0.95	1	1	5.979794
HS20_str_opr	BOBJ1	13.4167	After	Interior Girder 4	13.4167	0.95	1	1	5.985296
HS20_str_opr	BOBJ1	13.4167	After	Interior Girder 5	13.4167	0.95	1	1	5.417341
HS20_str_opr	BOBJ1	13.4167	After	Right Exterior Girder	13.4167	0.95	1	1	9.963825
HS20_str_opr	BOBJ1	15.3333	Before	Left Exterior Girder	15.3333	0.95	1	1	9.888659
HS20_str_opr	BOBJ1	15.3333	Before	Interior Girder 1	15.3333	0.95	1	1	5.299974
HS20_str_opr	BOBJ1	15.3333	Before	Interior Girder 2	15.3333	0.95	1	1	5.921398
HS20_str_opr	BOBJ1	15.3333	Before	Interior Girder 3	15.3333	0.95	1	1	5.913183
HS20_str_opr	BOBJ1	15.3333	Before	Interior Girder 4	15.3333	0.95	1	1	5.918628
HS20_str_opr	BOBJ1	15.3333	Before	Interior Girder 5	15.3333	0.95	1	1	5.357009
HS20_str_opr	BOBJ1	15.3333	Before	Right Exterior Girder	15.3333	0.95	1	1	9.888659
HS20_str_opr	BOBJ1	15.3333	After	Left Exterior Girder	15.3333	0.95	1	1	7.947611
HS20_str_opr	BOBJ1	15.3333	After	Interior Girder 1	15.3333	0.95	1	1	4.269292
HS20_str_opr	BOBJ1	15.3333	After	Interior Girder 2	15.3333	0.95	1	1	4.716516
HS20_str_opr	BOBJ1	15.3333	After	Interior Girder 3	15.3333	0.95	1	1	4.696085
HS20_str_opr	BOBJ1	15.3333	After	Interior Girder 4	15.3333	0.95	1	1	4.709315
HS20_str_opr	BOBJ1	15.3333	After	Interior Girder 5	15.3333	0.95	1	1	4.30972
HS20_str_opr	BOBJ1	15.3333	After	Right Exterior Girder	15.3333	0.95	1	1	7.947611

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Main Span Stringers									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
HS20_str_opr	BOBJ1	17.25	Before	Left Exterior Girder	17.25	0.95	1	1	7.887038
HS20_str_opr	BOBJ1	17.25	Before	Interior Girder 1	17.25	0.95	1	1	4.221002
HS20_str_opr	BOBJ1	17.25	Before	Interior Girder 2	17.25	0.95	1	1	4.663156
HS20_str_opr	BOBJ1	17.25	Before	Interior Girder 3	17.25	0.95	1	1	4.642949
HS20_str_opr	BOBJ1	17.25	Before	Interior Girder 4	17.25	0.95	1	1	4.656036
HS20_str_opr	BOBJ1	17.25	Before	Interior Girder 5	17.25	0.95	1	1	4.260973
HS20_str_opr	BOBJ1	17.25	Before	Right Exterior Girder	17.25	0.95	1	1	7.887038
HS20_str_opr	BOBJ1	17.25	After	Left Exterior Girder	17.25	0.95	1	1	6.396433
HS20_str_opr	BOBJ1	17.25	After	Interior Girder 1	17.25	0.95	1	1	3.439043
HS20_str_opr	BOBJ1	17.25	After	Interior Girder 2	17.25	0.95	1	1	3.774135
HS20_str_opr	BOBJ1	17.25	After	Interior Girder 3	17.25	0.95	1	1	3.752214
HS20_str_opr	BOBJ1	17.25	After	Interior Girder 4	17.25	0.95	1	1	3.766732
HS20_str_opr	BOBJ1	17.25	After	Interior Girder 5	17.25	0.95	1	1	3.469863
HS20_str_opr	BOBJ1	17.25	After	Right Exterior Girder	17.25	0.95	1	1	6.396433
HS20_str_opr	BOBJ1	19.1667	Before	Left Exterior Girder	19.1667	0.95	1	1	6.347179
HS20_str_opr	BOBJ1	19.1667	Before	Interior Girder 1	19.1667	0.95	1	1	3.399523
HS20_str_opr	BOBJ1	19.1667	Before	Interior Girder 2	19.1667	0.95	1	1	3.730757
HS20_str_opr	BOBJ1	19.1667	Before	Interior Girder 3	19.1667	0.95	1	1	3.709078
HS20_str_opr	BOBJ1	19.1667	Before	Interior Girder 4	19.1667	0.95	1	1	3.723439
HS20_str_opr	BOBJ1	19.1667	Before	Interior Girder 5	19.1667	0.95	1	1	3.429989
HS20_str_opr	BOBJ1	19.1667	Before	Right Exterior Girder	19.1667	0.95	1	1	6.347179
HS20_str_opr	BOBJ1	19.1667	After	Left Exterior Girder	19.1667	0.95	1	1	5.334884
HS20_str_opr	BOBJ1	19.1667	After	Interior Girder 1	19.1667	0.95	1	1	2.839746
HS20_str_opr	BOBJ1	19.1667	After	Interior Girder 2	19.1667	0.95	1	1	3.114094
HS20_str_opr	BOBJ1	19.1667	After	Interior Girder 3	19.1667	0.95	1	1	3.097605
HS20_str_opr	BOBJ1	19.1667	After	Interior Girder 4	19.1667	0.95	1	1	3.107146
HS20_str_opr	BOBJ1	19.1667	After	Interior Girder 5	19.1667	0.95	1	1	2.865032
HS20_str_opr	BOBJ1	19.1667	After	Right Exterior Girder	19.1667	0.95	1	1	5.334884
HS20_str_opr	BOBJ1	21.0833	Before	Left Exterior Girder	21.0833	0.95	1	1	5.293376
HS20_str_opr	BOBJ1	21.0833	Before	Interior Girder 1	21.0833	0.95	1	1	2.806584
HS20_str_opr	BOBJ1	21.0833	Before	Interior Girder 2	21.0833	0.95	1	1	3.077724
HS20_str_opr	BOBJ1	21.0833	Before	Interior Girder 3	21.0833	0.95	1	1	3.061413
HS20_str_opr	BOBJ1	21.0833	Before	Interior Girder 4	21.0833	0.95	1	1	3.070856
HS20_str_opr	BOBJ1	21.0833	Before	Interior Girder 5	21.0833	0.95	1	1	2.831574
HS20_str_opr	BOBJ1	21.0833	Before	Right Exterior Girder	21.0833	0.95	1	1	5.293376
HS20_str_opr	BOBJ1	21.0833	After	Left Exterior Girder	21.0833	0.95	1	1	4.571275
HS20_str_opr	BOBJ1	21.0833	After	Interior Girder 1	21.0833	0.95	1	1	2.375961
HS20_str_opr	BOBJ1	21.0833	After	Interior Girder 2	21.0833	0.95	1	1	2.610151
HS20_str_opr	BOBJ1	21.0833	After	Interior Girder 3	21.0833	0.95	1	1	2.594234
HS20_str_opr	BOBJ1	21.0833	After	Interior Girder 4	21.0833	0.95	1	1	2.604035
HS20_str_opr	BOBJ1	21.0833	After	Interior Girder 5	21.0833	0.95	1	1	2.398291
HS20_str_opr	BOBJ1	21.0833	After	Right Exterior Girder	21.0833	0.95	1	1	4.571275
HS20_str_opr	BOBJ1	23	Before	Left Exterior Girder	23	0.95	1	1	4.535348
HS20_str_opr	BOBJ1	23	Before	Interior Girder 1	23	0.95	1	1	2.347738
HS20_str_opr	BOBJ1	23	Before	Interior Girder 2	23	0.95	1	1	2.579172
HS20_str_opr	BOBJ1	23	Before	Interior Girder 3	23	0.95	1	1	2.563426
HS20_str_opr	BOBJ1	23	Before	Interior Girder 4	23	0.95	1	1	2.573128
HS20_str_opr	BOBJ1	23	Before	Interior Girder 5	23	0.95	1	1	2.369802
HS20_str_opr	BOBJ1	23	Before	Right Exterior Girder	23	0.95	1	1	4.535348
HS20_str_inv	BOBJ1	0	After	Left Exterior Girder	0	0.95	1	1	3.498012
HS20_str_inv	BOBJ1	0	After	Interior Girder 1	0	0.95	1	1	1.812924
HS20_str_inv	BOBJ1	0	After	Interior Girder 2	0	0.95	1	1	1.989918
HS20_str_inv	BOBJ1	0	After	Interior Girder 3	0	0.95	1	1	1.977779
HS20_str_inv	BOBJ1	0	After	Interior Girder 4	0	0.95	1	1	1.985255
HS20_str_inv	BOBJ1	0	After	Interior Girder 5	0	0.95	1	1	1.829962
HS20_str_inv	BOBJ1	0	After	Right Exterior Girder	0	0.95	1	1	3.498012
HS20_str_inv	BOBJ1	1.9167	Before	Left Exterior Girder	1.9167	0.95	1	1	3.525727
HS20_str_inv	BOBJ1	1.9167	Before	Interior Girder 1	1.9167	0.95	1	1	1.834696
HS20_str_inv	BOBJ1	1.9167	Before	Interior Girder 2	1.9167	0.95	1	1	2.013817
HS20_str_inv	BOBJ1	1.9167	Before	Interior Girder 3	1.9167	0.95	1	1	2.001545
HS20_str_inv	BOBJ1	1.9167	Before	Interior Girder 4	1.9167	0.95	1	1	2.009098
HS20_str_inv	BOBJ1	1.9167	Before	Interior Girder 5	1.9167	0.95	1	1	1.851939
HS20_str_inv	BOBJ1	1.9167	Before	Right Exterior Girder	1.9167	0.95	1	1	3.525727
HS20_str_inv	BOBJ1	1.9167	After	Left Exterior Girder	1.9167	0.95	1	1	4.083987
HS20_str_inv	BOBJ1	1.9167	After	Interior Girder 1	1.9167	0.95	1	1	2.166009

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Main Span Stringers									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
HS20_str_inv	BOBJ1	1.9167	After	Interior Girder 2	1.9167	0.95	1	1	2.374907
HS20_str_inv	BOBJ1	1.9167	After	Interior Girder 3	1.9167	0.95	1	1	2.362357
HS20_str_inv	BOBJ1	1.9167	After	Interior Girder 4	1.9167	0.95	1	1	2.369607
HS20_str_inv	BOBJ1	1.9167	After	Interior Girder 5	1.9167	0.95	1	1	2.185295
HS20_str_inv	BOBJ1	1.9167	After	Right Exterior Girder	1.9167	0.95	1	1	4.083987
HS20_str_inv	BOBJ1	3.8333	Before	Left Exterior Girder	3.8333	0.95	1	1	4.116007
HS20_str_inv	BOBJ1	3.8333	Before	Interior Girder 1	3.8333	0.95	1	1	2.191591
HS20_str_inv	BOBJ1	3.8333	Before	Interior Girder 2	3.8333	0.95	1	1	2.402964
HS20_str_inv	BOBJ1	3.8333	Before	Interior Girder 3	3.8333	0.95	1	1	2.390276
HS20_str_inv	BOBJ1	3.8333	Before	Interior Girder 4	3.8333	0.95	1	1	2.397602
HS20_str_inv	BOBJ1	3.8333	Before	Interior Girder 5	3.8333	0.95	1	1	2.211106
HS20_str_inv	BOBJ1	3.8333	Before	Right Exterior Girder	3.8333	0.95	1	1	4.116007
HS20_str_inv	BOBJ1	3.8333	After	Left Exterior Girder	3.8333	0.95	1	1	4.896937
HS20_str_inv	BOBJ1	3.8333	After	Interior Girder 1	3.8333	0.95	1	1	2.623708
HS20_str_inv	BOBJ1	3.8333	After	Interior Girder 2	3.8333	0.95	1	1	2.87876
HS20_str_inv	BOBJ1	3.8333	After	Interior Girder 3	3.8333	0.95	1	1	2.862058
HS20_str_inv	BOBJ1	3.8333	After	Interior Girder 4	3.8333	0.95	1	1	2.873113
HS20_str_inv	BOBJ1	3.8333	After	Interior Girder 5	3.8333	0.95	1	1	2.647221
HS20_str_inv	BOBJ1	3.8333	After	Right Exterior Girder	3.8333	0.95	1	1	4.896937
HS20_str_inv	BOBJ1	5.75	Before	Left Exterior Girder	5.75	0.95	1	1	4.934933
HS20_str_inv	BOBJ1	5.75	Before	Interior Girder 1	5.75	0.95	1	1	2.654195
HS20_str_inv	BOBJ1	5.75	Before	Interior Girder 2	5.75	0.95	1	1	2.912223
HS20_str_inv	BOBJ1	5.75	Before	Interior Girder 3	5.75	0.95	1	1	2.895334
HS20_str_inv	BOBJ1	5.75	Before	Interior Girder 4	5.75	0.95	1	1	2.906511
HS20_str_inv	BOBJ1	5.75	Before	Interior Girder 5	5.75	0.95	1	1	2.677981
HS20_str_inv	BOBJ1	5.75	Before	Right Exterior Girder	5.75	0.95	1	1	4.934933
HS20_str_inv	BOBJ1	5.75	After	Left Exterior Girder	5.75	0.95	1	1	6.08509
HS20_str_inv	BOBJ1	5.75	After	Interior Girder 1	5.75	0.95	1	1	3.257575
HS20_str_inv	BOBJ1	5.75	After	Interior Girder 2	5.75	0.95	1	1	3.598247
HS20_str_inv	BOBJ1	5.75	After	Interior Girder 3	5.75	0.95	1	1	3.582672
HS20_str_inv	BOBJ1	5.75	After	Interior Girder 4	5.75	0.95	1	1	3.592753
HS20_str_inv	BOBJ1	5.75	After	Interior Girder 5	5.75	0.95	1	1	3.288423
HS20_str_inv	BOBJ1	5.75	After	Right Exterior Girder	5.75	0.95	1	1	6.08509
HS20_str_inv	BOBJ1	7.6667	Before	Left Exterior Girder	7.6667	0.95	1	1	6.131817
HS20_str_inv	BOBJ1	7.6667	Before	Interior Girder 1	7.6667	0.95	1	1	3.294827
HS20_str_inv	BOBJ1	7.6667	Before	Interior Girder 2	7.6667	0.95	1	1	3.63941
HS20_str_inv	BOBJ1	7.6667	Before	Interior Girder 3	7.6667	0.95	1	1	3.623662
HS20_str_inv	BOBJ1	7.6667	Before	Interior Girder 4	7.6667	0.95	1	1	3.633854
HS20_str_inv	BOBJ1	7.6667	Before	Interior Girder 5	7.6667	0.95	1	1	3.326027
HS20_str_inv	BOBJ1	7.6667	Before	Right Exterior Girder	7.6667	0.95	1	1	6.131817
HS20_str_inv	BOBJ1	7.6667	After	Left Exterior Girder	7.6667	0.95	1	1	7.629453
HS20_str_inv	BOBJ1	7.6667	After	Interior Girder 1	7.6667	0.95	1	1	4.0902
HS20_str_inv	BOBJ1	7.6667	After	Interior Girder 2	7.6667	0.95	1	1	4.569148
HS20_str_inv	BOBJ1	7.6667	After	Interior Girder 3	7.6667	0.95	1	1	4.562812
HS20_str_inv	BOBJ1	7.6667	After	Interior Girder 4	7.6667	0.95	1	1	4.56701
HS20_str_inv	BOBJ1	7.6667	After	Interior Girder 5	7.6667	0.95	1	1	4.134216
HS20_str_inv	BOBJ1	7.6667	After	Right Exterior Girder	7.6667	0.95	1	1	7.629453
HS20_str_inv	BOBJ1	9.5833	Before	Left Exterior Girder	9.5833	0.95	1	1	7.687438
HS20_str_inv	BOBJ1	9.5833	Before	Interior Girder 1	9.5833	0.95	1	1	4.136247
HS20_str_inv	BOBJ1	9.5833	Before	Interior Girder 2	9.5833	0.95	1	1	4.620602
HS20_str_inv	BOBJ1	9.5833	Before	Interior Girder 3	9.5833	0.95	1	1	4.614197
HS20_str_inv	BOBJ1	9.5833	Before	Interior Girder 4	9.5833	0.95	1	1	4.61844
HS20_str_inv	BOBJ1	9.5833	Before	Interior Girder 5	9.5833	0.95	1	1	4.180758
HS20_str_inv	BOBJ1	9.5833	Before	Right Exterior Girder	9.5833	0.95	1	1	7.687438
HS20_str_inv	BOBJ1	9.5833	After	Left Exterior Girder	9.5833	0.95	1	1	9.004641
HS20_str_inv	BOBJ1	9.5833	After	Interior Girder 1	9.5833	0.95	1	1	4.767705
HS20_str_inv	BOBJ1	9.5833	After	Interior Girder 2	9.5833	0.95	1	1	5.323261
HS20_str_inv	BOBJ1	9.5833	After	Interior Girder 3	9.5833	0.95	1	1	5.374688
HS20_str_inv	BOBJ1	9.5833	After	Interior Girder 4	9.5833	0.95	1	1	5.322103
HS20_str_inv	BOBJ1	9.5833	After	Interior Girder 5	9.5833	0.95	1	1	4.824648
HS20_str_inv	BOBJ1	9.5833	After	Right Exterior Girder	9.5833	0.95	1	1	9.004641
HS20_str_inv	BOBJ1	11.5	Before	Left Exterior Girder	11.5	0.95	1	1	9.072381
HS20_str_inv	BOBJ1	11.5	Before	Interior Girder 1	11.5	0.95	1	1	4.820561
HS20_str_inv	BOBJ1	11.5	Before	Interior Girder 2	11.5	0.95	1	1	5.382284
HS20_str_inv	BOBJ1	11.5	Before	Interior Girder 3	11.5	0.95	1	1	5.434282

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Main Span Stringers									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
HS20_str_inv	BOBJ1	11.5	Before	Interior Girder 4	11.5	0.95	1	1	5.381113
HS20_str_inv	BOBJ1	11.5	Before	Interior Girder 5	11.5	0.95	1	1	4.878135
HS20_str_inv	BOBJ1	11.5	Before	Right Exterior Girder	11.5	0.95	1	1	9.072381
HS20_str_inv	BOBJ1	11.5	After	Left Exterior Girder	11.5	0.95	1	1	9.071104
HS20_str_inv	BOBJ1	11.5	After	Interior Girder 1	11.5	0.95	1	1	4.818701
HS20_str_inv	BOBJ1	11.5	After	Interior Girder 2	11.5	0.95	1	1	5.380881
HS20_str_inv	BOBJ1	11.5	After	Interior Girder 3	11.5	0.95	1	1	5.432874
HS20_str_inv	BOBJ1	11.5	After	Interior Girder 4	11.5	0.95	1	1	5.379711
HS20_str_inv	BOBJ1	11.5	After	Interior Girder 5	11.5	0.95	1	1	4.876254
HS20_str_inv	BOBJ1	11.5	After	Right Exterior Girder	11.5	0.95	1	1	9.071104
HS20_str_inv	BOBJ1	13.4167	Before	Left Exterior Girder	13.4167	0.95	1	1	9.003364
HS20_str_inv	BOBJ1	13.4167	Before	Interior Girder 1	13.4167	0.95	1	1	4.765846
HS20_str_inv	BOBJ1	13.4167	Before	Interior Girder 2	13.4167	0.95	1	1	5.321858
HS20_str_inv	BOBJ1	13.4167	Before	Interior Girder 3	13.4167	0.95	1	1	5.37328
HS20_str_inv	BOBJ1	13.4167	Before	Interior Girder 4	13.4167	0.95	1	1	5.320701
HS20_str_inv	BOBJ1	13.4167	Before	Interior Girder 5	13.4167	0.95	1	1	4.822767
HS20_str_inv	BOBJ1	13.4167	Before	Right Exterior Girder	13.4167	0.95	1	1	9.003364
HS20_str_inv	BOBJ1	13.4167	After	Left Exterior Girder	13.4167	0.95	1	1	7.686379
HS20_str_inv	BOBJ1	13.4167	After	Interior Girder 1	13.4167	0.95	1	1	4.134598
HS20_str_inv	BOBJ1	13.4167	After	Interior Girder 2	13.4167	0.95	1	1	4.61939
HS20_str_inv	BOBJ1	13.4167	After	Interior Girder 3	13.4167	0.95	1	1	4.612984
HS20_str_inv	BOBJ1	13.4167	After	Interior Girder 4	13.4167	0.95	1	1	4.617229
HS20_str_inv	BOBJ1	13.4167	After	Interior Girder 5	13.4167	0.95	1	1	4.179092
HS20_str_inv	BOBJ1	13.4167	After	Right Exterior Girder	13.4167	0.95	1	1	7.686379
HS20_str_inv	BOBJ1	15.3333	Before	Left Exterior Girder	15.3333	0.95	1	1	7.628394
HS20_str_inv	BOBJ1	15.3333	Before	Interior Girder 1	15.3333	0.95	1	1	4.088552
HS20_str_inv	BOBJ1	15.3333	Before	Interior Girder 2	15.3333	0.95	1	1	4.567936
HS20_str_inv	BOBJ1	15.3333	Before	Interior Girder 3	15.3333	0.95	1	1	4.561598
HS20_str_inv	BOBJ1	15.3333	Before	Interior Girder 4	15.3333	0.95	1	1	4.565799
HS20_str_inv	BOBJ1	15.3333	Before	Interior Girder 5	15.3333	0.95	1	1	4.132549
HS20_str_inv	BOBJ1	15.3333	Before	Right Exterior Girder	15.3333	0.95	1	1	7.628394
HS20_str_inv	BOBJ1	15.3333	After	Left Exterior Girder	15.3333	0.95	1	1	6.131014
HS20_str_inv	BOBJ1	15.3333	After	Interior Girder 1	15.3333	0.95	1	1	3.293453
HS20_str_inv	BOBJ1	15.3333	After	Interior Girder 2	15.3333	0.95	1	1	3.638455
HS20_str_inv	BOBJ1	15.3333	After	Interior Girder 3	15.3333	0.95	1	1	3.622694
HS20_str_inv	BOBJ1	15.3333	After	Interior Girder 4	15.3333	0.95	1	1	3.6329
HS20_str_inv	BOBJ1	15.3333	After	Interior Girder 5	15.3333	0.95	1	1	3.324641
HS20_str_inv	BOBJ1	15.3333	After	Right Exterior Girder	15.3333	0.95	1	1	6.131014
HS20_str_inv	BOBJ1	17.25	Before	Left Exterior Girder	17.25	0.95	1	1	6.084286
HS20_str_inv	BOBJ1	17.25	Before	Interior Girder 1	17.25	0.95	1	1	3.256202
HS20_str_inv	BOBJ1	17.25	Before	Interior Girder 2	17.25	0.95	1	1	3.597292
HS20_str_inv	BOBJ1	17.25	Before	Interior Girder 3	17.25	0.95	1	1	3.581704
HS20_str_inv	BOBJ1	17.25	Before	Interior Girder 4	17.25	0.95	1	1	3.5918
HS20_str_inv	BOBJ1	17.25	Before	Interior Girder 5	17.25	0.95	1	1	3.287036
HS20_str_inv	BOBJ1	17.25	Before	Right Exterior Girder	17.25	0.95	1	1	6.084286
HS20_str_inv	BOBJ1	17.25	After	Left Exterior Girder	17.25	0.95	1	1	4.934391
HS20_str_inv	BOBJ1	17.25	After	Interior Girder 1	17.25	0.95	1	1	2.652976
HS20_str_inv	BOBJ1	17.25	After	Interior Girder 2	17.25	0.95	1	1	2.911476
HS20_str_inv	BOBJ1	17.25	After	Interior Girder 3	17.25	0.95	1	1	2.894565
HS20_str_inv	BOBJ1	17.25	After	Interior Girder 4	17.25	0.95	1	1	2.905765
HS20_str_inv	BOBJ1	17.25	After	Interior Girder 5	17.25	0.95	1	1	2.676751
HS20_str_inv	BOBJ1	17.25	After	Right Exterior Girder	17.25	0.95	1	1	4.934391
HS20_str_inv	BOBJ1	19.1667	Before	Left Exterior Girder	19.1667	0.95	1	1	4.896395
HS20_str_inv	BOBJ1	19.1667	Before	Interior Girder 1	19.1667	0.95	1	1	2.622489
HS20_str_inv	BOBJ1	19.1667	Before	Interior Girder 2	19.1667	0.95	1	1	2.878012
HS20_str_inv	BOBJ1	19.1667	Before	Interior Girder 3	19.1667	0.95	1	1	2.861288
HS20_str_inv	BOBJ1	19.1667	Before	Interior Girder 4	19.1667	0.95	1	1	2.872367
HS20_str_inv	BOBJ1	19.1667	Before	Interior Girder 5	19.1667	0.95	1	1	2.645991
HS20_str_inv	BOBJ1	19.1667	Before	Right Exterior Girder	19.1667	0.95	1	1	4.896395
HS20_str_inv	BOBJ1	19.1667	After	Left Exterior Girder	19.1667	0.95	1	1	4.115482
HS20_str_inv	BOBJ1	19.1667	After	Interior Girder 1	19.1667	0.95	1	1	2.190661
HS20_str_inv	BOBJ1	19.1667	After	Interior Girder 2	19.1667	0.95	1	1	2.402301
HS20_str_inv	BOBJ1	19.1667	After	Interior Girder 3	19.1667	0.95	1	1	2.389581
HS20_str_inv	BOBJ1	19.1667	After	Interior Girder 4	19.1667	0.95	1	1	2.396941
HS20_str_inv	BOBJ1	19.1667	After	Interior Girder 5	19.1667	0.95	1	1	2.210167

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Main Span Stringers									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
HS20_str_inv	BOBJ1	19.1667	After	Right Exterior Girder	19.1667	0.95	1	1	4.115482
HS20_str_inv	BOBJ1	21.0833	Before	Left Exterior Girder	21.0833	0.95	1	1	4.083461
HS20_str_inv	BOBJ1	21.0833	Before	Interior Girder 1	21.0833	0.95	1	1	2.165079
HS20_str_inv	BOBJ1	21.0833	Before	Interior Girder 2	21.0833	0.95	1	1	2.374244
HS20_str_inv	BOBJ1	21.0833	Before	Interior Girder 3	21.0833	0.95	1	1	2.361662
HS20_str_inv	BOBJ1	21.0833	Before	Interior Girder 4	21.0833	0.95	1	1	2.368946
HS20_str_inv	BOBJ1	21.0833	Before	Interior Girder 5	21.0833	0.95	1	1	2.184357
HS20_str_inv	BOBJ1	21.0833	Before	Right Exterior Girder	21.0833	0.95	1	1	4.083461
HS20_str_inv	BOBJ1	21.0833	After	Left Exterior Girder	21.0833	0.95	1	1	3.526412
HS20_str_inv	BOBJ1	21.0833	After	Interior Girder 1	21.0833	0.95	1	1	1.832884
HS20_str_inv	BOBJ1	21.0833	After	Interior Girder 2	21.0833	0.95	1	1	2.013545
HS20_str_inv	BOBJ1	21.0833	After	Interior Girder 3	21.0833	0.95	1	1	2.001266
HS20_str_inv	BOBJ1	21.0833	After	Interior Girder 4	21.0833	0.95	1	1	2.008827
HS20_str_inv	BOBJ1	21.0833	After	Interior Girder 5	21.0833	0.95	1	1	1.85011
HS20_str_inv	BOBJ1	21.0833	After	Right Exterior Girder	21.0833	0.95	1	1	3.526412
HS20_str_inv	BOBJ1	23	Before	Left Exterior Girder	23	0.95	1	1	3.498697
HS20_str_inv	BOBJ1	23	Before	Interior Girder 1	23	0.95	1	1	1.811112
HS20_str_inv	BOBJ1	23	Before	Interior Girder 2	23	0.95	1	1	1.989647
HS20_str_inv	BOBJ1	23	Before	Interior Girder 3	23	0.95	1	1	1.9775
HS20_str_inv	BOBJ1	23	Before	Interior Girder 4	23	0.95	1	1	1.984984
HS20_str_inv	BOBJ1	23	Before	Interior Girder 5	23	0.95	1	1	1.828133
HS20_str_inv	BOBJ1	23	Before	Right Exterior Girder	23	0.95	1	1	3.498697
HS15_str_opr	BOBJ1	0	After	Left Exterior Girder	0	0.95	1	1	6.045947
HS15_str_opr	BOBJ1	0	After	Interior Girder 1	0	0.95	1	1	3.133448
HS15_str_opr	BOBJ1	0	After	Interior Girder 2	0	0.95	1	1	3.439364
HS15_str_opr	BOBJ1	0	After	Interior Girder 3	0	0.95	1	1	3.418383
HS15_str_opr	BOBJ1	0	After	Interior Girder 4	0	0.95	1	1	3.431305
HS15_str_opr	BOBJ1	0	After	Interior Girder 5	0	0.95	1	1	3.162898
HS15_str_opr	BOBJ1	0	After	Right Exterior Girder	0	0.95	1	1	6.045947
HS15_str_opr	BOBJ1	1.9167	Before	Left Exterior Girder	1.9167	0.95	1	1	6.093849
HS15_str_opr	BOBJ1	1.9167	Before	Interior Girder 1	1.9167	0.95	1	1	3.17108
HS15_str_opr	BOBJ1	1.9167	Before	Interior Girder 2	1.9167	0.95	1	1	3.480671
HS15_str_opr	BOBJ1	1.9167	Before	Interior Girder 3	1.9167	0.95	1	1	3.459461
HS15_str_opr	BOBJ1	1.9167	Before	Interior Girder 4	1.9167	0.95	1	1	3.472514
HS15_str_opr	BOBJ1	1.9167	Before	Interior Girder 5	1.9167	0.95	1	1	3.200883
HS15_str_opr	BOBJ1	1.9167	Before	Right Exterior Girder	1.9167	0.95	1	1	6.093849
HS15_str_opr	BOBJ1	1.9167	After	Left Exterior Girder	1.9167	0.95	1	1	7.058743
HS15_str_opr	BOBJ1	1.9167	After	Interior Girder 1	1.9167	0.95	1	1	3.743719
HS15_str_opr	BOBJ1	1.9167	After	Interior Girder 2	1.9167	0.95	1	1	4.104777
HS15_str_opr	BOBJ1	1.9167	After	Interior Girder 3	1.9167	0.95	1	1	4.083085
HS15_str_opr	BOBJ1	1.9167	After	Interior Girder 4	1.9167	0.95	1	1	4.095618
HS15_str_opr	BOBJ1	1.9167	After	Interior Girder 5	1.9167	0.95	1	1	3.777054
HS15_str_opr	BOBJ1	1.9167	After	Right Exterior Girder	1.9167	0.95	1	1	7.058742
HS15_str_opr	BOBJ1	3.8333	Before	Left Exterior Girder	3.8333	0.95	1	1	7.114087
HS15_str_opr	BOBJ1	3.8333	Before	Interior Girder 1	3.8333	0.95	1	1	3.787935
HS15_str_opr	BOBJ1	3.8333	Before	Interior Girder 2	3.8333	0.95	1	1	4.153271
HS15_str_opr	BOBJ1	3.8333	Before	Interior Girder 3	3.8333	0.95	1	1	4.131341
HS15_str_opr	BOBJ1	3.8333	Before	Interior Girder 4	3.8333	0.95	1	1	4.144004
HS15_str_opr	BOBJ1	3.8333	Before	Interior Girder 5	3.8333	0.95	1	1	3.821664
HS15_str_opr	BOBJ1	3.8333	Before	Right Exterior Girder	3.8333	0.95	1	1	7.114086
HS15_str_opr	BOBJ1	3.8333	After	Left Exterior Girder	3.8333	0.95	1	1	8.463842
HS15_str_opr	BOBJ1	3.8333	After	Interior Girder 1	3.8333	0.95	1	1	4.534805
HS15_str_opr	BOBJ1	3.8333	After	Interior Girder 2	3.8333	0.95	1	1	4.975634
HS15_str_opr	BOBJ1	3.8333	After	Interior Girder 3	3.8333	0.95	1	1	4.946766
HS15_str_opr	BOBJ1	3.8333	After	Interior Girder 4	3.8333	0.95	1	1	4.965875
HS15_str_opr	BOBJ1	3.8333	After	Interior Girder 5	3.8333	0.95	1	1	4.575444
HS15_str_opr	BOBJ1	3.8333	After	Right Exterior Girder	3.8333	0.95	1	1	8.463842
HS15_str_opr	BOBJ1	5.75	Before	Left Exterior Girder	5.75	0.95	1	1	8.529514
HS15_str_opr	BOBJ1	5.75	Before	Interior Girder 1	5.75	0.95	1	1	4.587498
HS15_str_opr	BOBJ1	5.75	Before	Interior Girder 2	5.75	0.95	1	1	5.033472
HS15_str_opr	BOBJ1	5.75	Before	Interior Girder 3	5.75	0.95	1	1	5.004281
HS15_str_opr	BOBJ1	5.75	Before	Interior Girder 4	5.75	0.95	1	1	5.023599
HS15_str_opr	BOBJ1	5.75	Before	Interior Girder 5	5.75	0.95	1	1	4.62861
HS15_str_opr	BOBJ1	5.75	Before	Right Exterior Girder	5.75	0.95	1	1	8.529514
HS15_str_opr	BOBJ1	5.75	After	Left Exterior Girder	5.75	0.95	1	1	10.517439

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Main Span Stringers									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
HS15_str_opr	BOBJ1	5.75	After	Interior Girder 1	5.75	0.95	1	1	5.630377
HS15_str_opr	BOBJ1	5.75	After	Interior Girder 2	5.75	0.95	1	1	6.219192
HS15_str_opr	BOBJ1	5.75	After	Interior Girder 3	5.75	0.95	1	1	6.192272
HS15_str_opr	BOBJ1	5.75	After	Interior Girder 4	5.75	0.95	1	1	6.209697
HS15_str_opr	BOBJ1	5.75	After	Interior Girder 5	5.75	0.95	1	1	5.683694
HS15_str_opr	BOBJ1	5.75	After	Right Exterior Girder	5.75	0.95	1	1	10.517439
HS15_str_opr	BOBJ1	7.6667	Before	Left Exterior Girder	7.6667	0.95	1	1	10.598203
HS15_str_opr	BOBJ1	7.6667	Before	Interior Girder 1	7.6667	0.95	1	1	5.694763
HS15_str_opr	BOBJ1	7.6667	Before	Interior Girder 2	7.6667	0.95	1	1	6.290339
HS15_str_opr	BOBJ1	7.6667	Before	Interior Girder 3	7.6667	0.95	1	1	6.26312
HS15_str_opr	BOBJ1	7.6667	Before	Interior Girder 4	7.6667	0.95	1	1	6.280735
HS15_str_opr	BOBJ1	7.6667	Before	Interior Girder 5	7.6667	0.95	1	1	5.748689
HS15_str_opr	BOBJ1	7.6667	Before	Right Exterior Girder	7.6667	0.95	1	1	10.598203
HS15_str_opr	BOBJ1	7.6667	After	Left Exterior Girder	7.6667	0.95	1	1	13.186708
HS15_str_opr	BOBJ1	7.6667	After	Interior Girder 1	7.6667	0.95	1	1	7.069482
HS15_str_opr	BOBJ1	7.6667	After	Interior Girder 2	7.6667	0.95	1	1	7.897292
HS15_str_opr	BOBJ1	7.6667	After	Interior Girder 3	7.6667	0.95	1	1	7.886341
HS15_str_opr	BOBJ1	7.6667	After	Interior Girder 4	7.6667	0.95	1	1	7.893598
HS15_str_opr	BOBJ1	7.6667	After	Interior Girder 5	7.6667	0.95	1	1	7.145558
HS15_str_opr	BOBJ1	7.6667	After	Right Exterior Girder	7.6667	0.95	1	1	13.186708
HS15_str_opr	BOBJ1	9.5833	Before	Left Exterior Girder	9.5833	0.95	1	1	13.28693
HS15_str_opr	BOBJ1	9.5833	Before	Interior Girder 1	9.5833	0.95	1	1	7.149069
HS15_str_opr	BOBJ1	9.5833	Before	Interior Girder 2	9.5833	0.95	1	1	7.986225
HS15_str_opr	BOBJ1	9.5833	Before	Interior Girder 3	9.5833	0.95	1	1	7.975155
HS15_str_opr	BOBJ1	9.5833	Before	Interior Girder 4	9.5833	0.95	1	1	7.982488
HS15_str_opr	BOBJ1	9.5833	Before	Interior Girder 5	9.5833	0.95	1	1	7.226001
HS15_str_opr	BOBJ1	9.5833	Before	Right Exterior Girder	9.5833	0.95	1	1	13.28693
HS15_str_opr	BOBJ1	9.5833	After	Left Exterior Girder	9.5833	0.95	1	1	15.563578
HS15_str_opr	BOBJ1	9.5833	After	Interior Girder 1	9.5833	0.95	1	1	8.240478
HS15_str_opr	BOBJ1	9.5833	After	Interior Girder 2	9.5833	0.95	1	1	9.200698
HS15_str_opr	BOBJ1	9.5833	After	Interior Girder 3	9.5833	0.95	1	1	9.289584
HS15_str_opr	BOBJ1	9.5833	After	Interior Girder 4	9.5833	0.95	1	1	9.198697
HS15_str_opr	BOBJ1	9.5833	After	Interior Girder 5	9.5833	0.95	1	1	8.338899
HS15_str_opr	BOBJ1	9.5833	After	Right Exterior Girder	9.5833	0.95	1	1	15.563578
HS15_str_opr	BOBJ1	11.5	Before	Left Exterior Girder	11.5	0.95	1	1	15.680658
HS15_str_opr	BOBJ1	11.5	Before	Interior Girder 1	11.5	0.95	1	1	8.331833
HS15_str_opr	BOBJ1	11.5	Before	Interior Girder 2	11.5	0.95	1	1	9.302713
HS15_str_opr	BOBJ1	11.5	Before	Interior Girder 3	11.5	0.95	1	1	9.392586
HS15_str_opr	BOBJ1	11.5	Before	Interior Girder 4	11.5	0.95	1	1	9.300689
HS15_str_opr	BOBJ1	11.5	Before	Interior Girder 5	11.5	0.95	1	1	8.431344
HS15_str_opr	BOBJ1	11.5	Before	Right Exterior Girder	11.5	0.95	1	1	15.680658
HS15_str_opr	BOBJ1	11.5	After	Left Exterior Girder	11.5	0.95	1	1	15.678451
HS15_str_opr	BOBJ1	11.5	After	Interior Girder 1	11.5	0.95	1	1	8.32862
HS15_str_opr	BOBJ1	11.5	After	Interior Girder 2	11.5	0.95	1	1	9.300288
HS15_str_opr	BOBJ1	11.5	After	Interior Girder 3	11.5	0.95	1	1	9.390152
HS15_str_opr	BOBJ1	11.5	After	Interior Girder 4	11.5	0.95	1	1	9.298265
HS15_str_opr	BOBJ1	11.5	After	Interior Girder 5	11.5	0.95	1	1	8.428093
HS15_str_opr	BOBJ1	11.5	After	Right Exterior Girder	11.5	0.95	1	1	15.678451
HS15_str_opr	BOBJ1	13.4167	Before	Left Exterior Girder	13.4167	0.95	1	1	15.561371
HS15_str_opr	BOBJ1	13.4167	Before	Interior Girder 1	13.4167	0.95	1	1	8.237265
HS15_str_opr	BOBJ1	13.4167	Before	Interior Girder 2	13.4167	0.95	1	1	9.198274
HS15_str_opr	BOBJ1	13.4167	Before	Interior Girder 3	13.4167	0.95	1	1	9.28715
HS15_str_opr	BOBJ1	13.4167	Before	Interior Girder 4	13.4167	0.95	1	1	9.196273
HS15_str_opr	BOBJ1	13.4167	Before	Interior Girder 5	13.4167	0.95	1	1	8.335647
HS15_str_opr	BOBJ1	13.4167	Before	Right Exterior Girder	13.4167	0.95	1	1	15.56137
HS15_str_opr	BOBJ1	13.4167	After	Left Exterior Girder	13.4167	0.95	1	1	13.2851
HS15_str_opr	BOBJ1	13.4167	After	Interior Girder 1	13.4167	0.95	1	1	7.146219
HS15_str_opr	BOBJ1	13.4167	After	Interior Girder 2	13.4167	0.95	1	1	7.98413
HS15_str_opr	BOBJ1	13.4167	After	Interior Girder 3	13.4167	0.95	1	1	7.973059
HS15_str_opr	BOBJ1	13.4167	After	Interior Girder 4	13.4167	0.95	1	1	7.980395
HS15_str_opr	BOBJ1	13.4167	After	Interior Girder 5	13.4167	0.95	1	1	7.223121
HS15_str_opr	BOBJ1	13.4167	After	Right Exterior Girder	13.4167	0.95	1	1	13.2851
HS15_str_opr	BOBJ1	15.3333	Before	Left Exterior Girder	15.3333	0.95	1	1	13.184879
HS15_str_opr	BOBJ1	15.3333	Before	Interior Girder 1	15.3333	0.95	1	1	7.066632
HS15_str_opr	BOBJ1	15.3333	Before	Interior Girder 2	15.3333	0.95	1	1	7.895198

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Main Span Stringers									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
HS15_str_opr	BOBJ1	15.3333	Before	Interior Girder 3	15.3333	0.95	1	1	7.884244
HS15_str_opr	BOBJ1	15.3333	Before	Interior Girder 4	15.3333	0.95	1	1	7.891504
HS15_str_opr	BOBJ1	15.3333	Before	Interior Girder 5	15.3333	0.95	1	1	7.142678
HS15_str_opr	BOBJ1	15.3333	Before	Right Exterior Girder	15.3333	0.95	1	1	13.184878
HS15_str_opr	BOBJ1	15.3333	After	Left Exterior Girder	15.3333	0.95	1	1	10.596815
HS15_str_opr	BOBJ1	15.3333	After	Interior Girder 1	15.3333	0.95	1	1	5.692389
HS15_str_opr	BOBJ1	15.3333	After	Interior Girder 2	15.3333	0.95	1	1	6.288688
HS15_str_opr	BOBJ1	15.3333	After	Interior Girder 3	15.3333	0.95	1	1	6.261446
HS15_str_opr	BOBJ1	15.3333	After	Interior Girder 4	15.3333	0.95	1	1	6.279087
HS15_str_opr	BOBJ1	15.3333	After	Interior Girder 5	15.3333	0.95	1	1	5.746293
HS15_str_opr	BOBJ1	15.3333	After	Right Exterior Girder	15.3333	0.95	1	1	10.596814
HS15_str_opr	BOBJ1	17.25	Before	Left Exterior Girder	17.25	0.95	1	1	10.516051
HS15_str_opr	BOBJ1	17.25	Before	Interior Girder 1	17.25	0.95	1	1	5.628003
HS15_str_opr	BOBJ1	17.25	Before	Interior Girder 2	17.25	0.95	1	1	6.217541
HS15_str_opr	BOBJ1	17.25	Before	Interior Girder 3	17.25	0.95	1	1	6.190599
HS15_str_opr	BOBJ1	17.25	Before	Interior Girder 4	17.25	0.95	1	1	6.208049
HS15_str_opr	BOBJ1	17.25	Before	Interior Girder 5	17.25	0.95	1	1	5.681297
HS15_str_opr	BOBJ1	17.25	Before	Right Exterior Girder	17.25	0.95	1	1	10.51605
HS15_str_opr	BOBJ1	17.25	After	Left Exterior Girder	17.25	0.95	1	1	8.528577
HS15_str_opr	BOBJ1	17.25	After	Interior Girder 1	17.25	0.95	1	1	4.585391
HS15_str_opr	BOBJ1	17.25	After	Interior Girder 2	17.25	0.95	1	1	5.03218
HS15_str_opr	BOBJ1	17.25	After	Interior Girder 3	17.25	0.95	1	1	5.002951
HS15_str_opr	BOBJ1	17.25	After	Interior Girder 4	17.25	0.95	1	1	5.02231
HS15_str_opr	BOBJ1	17.25	After	Interior Girder 5	17.25	0.95	1	1	4.626484
HS15_str_opr	BOBJ1	17.25	After	Right Exterior Girder	17.25	0.95	1	1	8.528577
HS15_str_opr	BOBJ1	19.1667	Before	Left Exterior Girder	19.1667	0.95	1	1	8.462905
HS15_str_opr	BOBJ1	19.1667	Before	Interior Girder 1	19.1667	0.95	1	1	4.532698
HS15_str_opr	BOBJ1	19.1667	Before	Interior Girder 2	19.1667	0.95	1	1	4.974343
HS15_str_opr	BOBJ1	19.1667	Before	Interior Girder 3	19.1667	0.95	1	1	4.945437
HS15_str_opr	BOBJ1	19.1667	Before	Interior Girder 4	19.1667	0.95	1	1	4.964586
HS15_str_opr	BOBJ1	19.1667	Before	Interior Girder 5	19.1667	0.95	1	1	4.573318
HS15_str_opr	BOBJ1	19.1667	Before	Right Exterior Girder	19.1667	0.95	1	1	8.462905
HS15_str_opr	BOBJ1	19.1667	After	Left Exterior Girder	19.1667	0.95	1	1	7.113178
HS15_str_opr	BOBJ1	19.1667	After	Interior Girder 1	19.1667	0.95	1	1	3.786328
HS15_str_opr	BOBJ1	19.1667	After	Interior Girder 2	19.1667	0.95	1	1	4.152126
HS15_str_opr	BOBJ1	19.1667	After	Interior Girder 3	19.1667	0.95	1	1	4.13014
HS15_str_opr	BOBJ1	19.1667	After	Interior Girder 4	19.1667	0.95	1	1	4.142861
HS15_str_opr	BOBJ1	19.1667	After	Interior Girder 5	19.1667	0.95	1	1	3.820042
HS15_str_opr	BOBJ1	19.1667	After	Right Exterior Girder	19.1667	0.95	1	1	7.113178
HS15_str_opr	BOBJ1	21.0833	Before	Left Exterior Girder	21.0833	0.95	1	1	7.057834
HS15_str_opr	BOBJ1	21.0833	Before	Interior Girder 1	21.0833	0.95	1	1	3.742112
HS15_str_opr	BOBJ1	21.0833	Before	Interior Girder 2	21.0833	0.95	1	1	4.103631
HS15_str_opr	BOBJ1	21.0833	Before	Interior Girder 3	21.0833	0.95	1	1	4.081884
HS15_str_opr	BOBJ1	21.0833	Before	Interior Girder 4	21.0833	0.95	1	1	4.094475
HS15_str_opr	BOBJ1	21.0833	Before	Interior Girder 5	21.0833	0.95	1	1	3.775432
HS15_str_opr	BOBJ1	21.0833	Before	Right Exterior Girder	21.0833	0.95	1	1	7.057834
HS15_str_opr	BOBJ1	21.0833	After	Left Exterior Girder	21.0833	0.95	1	1	6.095033
HS15_str_opr	BOBJ1	21.0833	After	Interior Girder 1	21.0833	0.95	1	1	3.167948
HS15_str_opr	BOBJ1	21.0833	After	Interior Girder 2	21.0833	0.95	1	1	3.480202
HS15_str_opr	BOBJ1	21.0833	After	Interior Girder 3	21.0833	0.95	1	1	3.458979
HS15_str_opr	BOBJ1	21.0833	After	Interior Girder 4	21.0833	0.95	1	1	3.472047
HS15_str_opr	BOBJ1	21.0833	After	Interior Girder 5	21.0833	0.95	1	1	3.197722
HS15_str_opr	BOBJ1	21.0833	After	Right Exterior Girder	21.0833	0.95	1	1	6.095033
HS15_str_opr	BOBJ1	23	Before	Left Exterior Girder	23	0.95	1	1	6.047131
HS15_str_opr	BOBJ1	23	Before	Interior Girder 1	23	0.95	1	1	3.130317
HS15_str_opr	BOBJ1	23	Before	Interior Girder 2	23	0.95	1	1	3.438896
HS15_str_opr	BOBJ1	23	Before	Interior Girder 3	23	0.95	1	1	3.417901
HS15_str_opr	BOBJ1	23	Before	Interior Girder 4	23	0.95	1	1	3.430837
HS15_str_opr	BOBJ1	23	Before	Interior Girder 5	23	0.95	1	1	3.159737
HS15_str_opr	BOBJ1	23	Before	Right Exterior Girder	23	0.95	1	1	6.047131
HS15_str_inv	BOBJ1	0	After	Left Exterior Girder	0	0.95	1	1	4.664016
HS15_str_inv	BOBJ1	0	After	Interior Girder 1	0	0.95	1	1	2.417232
HS15_str_inv	BOBJ1	0	After	Interior Girder 2	0	0.95	1	1	2.653224
HS15_str_inv	BOBJ1	0	After	Interior Girder 3	0	0.95	1	1	2.637038
HS15_str_inv	BOBJ1	0	After	Interior Girder 4	0	0.95	1	1	2.647007

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Main Span Stringers									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
HS15_str_inv	BOBJ1	0	After	Interior Girder 5	0	0.95	1	1	2.43995
HS15_str_inv	BOBJ1	0	After	Right Exterior Girder	0	0.95	1	1	4.664016
HS15_str_inv	BOBJ1	1.9167	Before	Left Exterior Girder	1.9167	0.95	1	1	4.700969
HS15_str_inv	BOBJ1	1.9167	Before	Interior Girder 1	1.9167	0.95	1	1	2.446262
HS15_str_inv	BOBJ1	1.9167	Before	Interior Girder 2	1.9167	0.95	1	1	2.685089
HS15_str_inv	BOBJ1	1.9167	Before	Interior Girder 3	1.9167	0.95	1	1	2.668727
HS15_str_inv	BOBJ1	1.9167	Before	Interior Girder 4	1.9167	0.95	1	1	2.678797
HS15_str_inv	BOBJ1	1.9167	Before	Interior Girder 5	1.9167	0.95	1	1	2.469253
HS15_str_inv	BOBJ1	1.9167	Before	Right Exterior Girder	1.9167	0.95	1	1	4.700969
HS15_str_inv	BOBJ1	1.9167	After	Left Exterior Girder	1.9167	0.95	1	1	5.445316
HS15_str_inv	BOBJ1	1.9167	After	Interior Girder 1	1.9167	0.95	1	1	2.888012
HS15_str_inv	BOBJ1	1.9167	After	Interior Girder 2	1.9167	0.95	1	1	3.166542
HS15_str_inv	BOBJ1	1.9167	After	Interior Girder 3	1.9167	0.95	1	1	3.149809
HS15_str_inv	BOBJ1	1.9167	After	Interior Girder 4	1.9167	0.95	1	1	3.159477
HS15_str_inv	BOBJ1	1.9167	After	Interior Girder 5	1.9167	0.95	1	1	2.913727
HS15_str_inv	BOBJ1	1.9167	After	Right Exterior Girder	1.9167	0.95	1	1	5.445315
HS15_str_inv	BOBJ1	3.8333	Before	Left Exterior Girder	3.8333	0.95	1	1	5.48801
HS15_str_inv	BOBJ1	3.8333	Before	Interior Girder 1	3.8333	0.95	1	1	2.922122
HS15_str_inv	BOBJ1	3.8333	Before	Interior Girder 2	3.8333	0.95	1	1	3.203952
HS15_str_inv	BOBJ1	3.8333	Before	Interior Girder 3	3.8333	0.95	1	1	3.187034
HS15_str_inv	BOBJ1	3.8333	Before	Interior Girder 4	3.8333	0.95	1	1	3.196803
HS15_str_inv	BOBJ1	3.8333	Before	Interior Girder 5	3.8333	0.95	1	1	2.948141
HS15_str_inv	BOBJ1	3.8333	Before	Right Exterior Girder	3.8333	0.95	1	1	5.488009
HS15_str_inv	BOBJ1	3.8333	After	Left Exterior Girder	3.8333	0.95	1	1	6.52925
HS15_str_inv	BOBJ1	3.8333	After	Interior Girder 1	3.8333	0.95	1	1	3.498278
HS15_str_inv	BOBJ1	3.8333	After	Interior Girder 2	3.8333	0.95	1	1	3.838346
HS15_str_inv	BOBJ1	3.8333	After	Interior Girder 3	3.8333	0.95	1	1	3.816077
HS15_str_inv	BOBJ1	3.8333	After	Interior Girder 4	3.8333	0.95	1	1	3.830818
HS15_str_inv	BOBJ1	3.8333	After	Interior Girder 5	3.8333	0.95	1	1	3.529628
HS15_str_inv	BOBJ1	3.8333	After	Right Exterior Girder	3.8333	0.95	1	1	6.52925
HS15_str_inv	BOBJ1	5.75	Before	Left Exterior Girder	5.75	0.95	1	1	6.579911
HS15_str_inv	BOBJ1	5.75	Before	Interior Girder 1	5.75	0.95	1	1	3.538927
HS15_str_inv	BOBJ1	5.75	Before	Interior Girder 2	5.75	0.95	1	1	3.882964
HS15_str_inv	BOBJ1	5.75	Before	Interior Girder 3	5.75	0.95	1	1	3.860445
HS15_str_inv	BOBJ1	5.75	Before	Interior Girder 4	5.75	0.95	1	1	3.875348
HS15_str_inv	BOBJ1	5.75	Before	Interior Girder 5	5.75	0.95	1	1	3.570642
HS15_str_inv	BOBJ1	5.75	Before	Right Exterior Girder	5.75	0.95	1	1	6.579911
HS15_str_inv	BOBJ1	5.75	After	Left Exterior Girder	5.75	0.95	1	1	8.113453
HS15_str_inv	BOBJ1	5.75	After	Interior Girder 1	5.75	0.95	1	1	4.343433
HS15_str_inv	BOBJ1	5.75	After	Interior Girder 2	5.75	0.95	1	1	4.797662
HS15_str_inv	BOBJ1	5.75	After	Interior Girder 3	5.75	0.95	1	1	4.776896
HS15_str_inv	BOBJ1	5.75	After	Interior Girder 4	5.75	0.95	1	1	4.790338
HS15_str_inv	BOBJ1	5.75	After	Interior Girder 5	5.75	0.95	1	1	4.384564
HS15_str_inv	BOBJ1	5.75	After	Right Exterior Girder	5.75	0.95	1	1	8.113453
HS15_str_inv	BOBJ1	7.6667	Before	Left Exterior Girder	7.6667	0.95	1	1	8.175756
HS15_str_inv	BOBJ1	7.6667	Before	Interior Girder 1	7.6667	0.95	1	1	4.393103
HS15_str_inv	BOBJ1	7.6667	Before	Interior Girder 2	7.6667	0.95	1	1	4.852547
HS15_str_inv	BOBJ1	7.6667	Before	Interior Girder 3	7.6667	0.95	1	1	4.83155
HS15_str_inv	BOBJ1	7.6667	Before	Interior Girder 4	7.6667	0.95	1	1	4.845139
HS15_str_inv	BOBJ1	7.6667	Before	Interior Girder 5	7.6667	0.95	1	1	4.434703
HS15_str_inv	BOBJ1	7.6667	Before	Right Exterior Girder	7.6667	0.95	1	1	8.175756
HS15_str_inv	BOBJ1	7.6667	After	Left Exterior Girder	7.6667	0.95	1	1	10.172604
HS15_str_inv	BOBJ1	7.6667	After	Interior Girder 1	7.6667	0.95	1	1	5.4536
HS15_str_inv	BOBJ1	7.6667	After	Interior Girder 2	7.6667	0.95	1	1	6.092197
HS15_str_inv	BOBJ1	7.6667	After	Interior Girder 3	7.6667	0.95	1	1	6.083749
HS15_str_inv	BOBJ1	7.6667	After	Interior Girder 4	7.6667	0.95	1	1	6.089347
HS15_str_inv	BOBJ1	7.6667	After	Interior Girder 5	7.6667	0.95	1	1	5.512288
HS15_str_inv	BOBJ1	7.6667	After	Right Exterior Girder	7.6667	0.95	1	1	10.172604
HS15_str_inv	BOBJ1	9.5833	Before	Left Exterior Girder	9.5833	0.95	1	1	10.249918
HS15_str_inv	BOBJ1	9.5833	Before	Interior Girder 1	9.5833	0.95	1	1	5.514996
HS15_str_inv	BOBJ1	9.5833	Before	Interior Girder 2	9.5833	0.95	1	1	6.160802
HS15_str_inv	BOBJ1	9.5833	Before	Interior Girder 3	9.5833	0.95	1	1	6.152263
HS15_str_inv	BOBJ1	9.5833	Before	Interior Girder 4	9.5833	0.95	1	1	6.15792
HS15_str_inv	BOBJ1	9.5833	Before	Interior Girder 5	9.5833	0.95	1	1	5.574344
HS15_str_inv	BOBJ1	9.5833	Before	Right Exterior Girder	9.5833	0.95	1	1	10.249918

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Main Span Stringers									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
HS15_str_inv	BOBJ1	9.5833	After	Left Exterior Girder	9.5833	0.95	1	1	12.006188
HS15_str_inv	BOBJ1	9.5833	After	Interior Girder 1	9.5833	0.95	1	1	6.35694
HS15_str_inv	BOBJ1	9.5833	After	Interior Girder 2	9.5833	0.95	1	1	7.097681
HS15_str_inv	BOBJ1	9.5833	After	Interior Girder 3	9.5833	0.95	1	1	7.166251
HS15_str_inv	BOBJ1	9.5833	After	Interior Girder 4	9.5833	0.95	1	1	7.096137
HS15_str_inv	BOBJ1	9.5833	After	Interior Girder 5	9.5833	0.95	1	1	6.432865
HS15_str_inv	BOBJ1	9.5833	After	Right Exterior Girder	9.5833	0.95	1	1	12.006189
HS15_str_inv	BOBJ1	11.5	Before	Left Exterior Girder	11.5	0.95	1	1	12.096507
HS15_str_inv	BOBJ1	11.5	Before	Interior Girder 1	11.5	0.95	1	1	6.427414
HS15_str_inv	BOBJ1	11.5	Before	Interior Girder 2	11.5	0.95	1	1	7.176378
HS15_str_inv	BOBJ1	11.5	Before	Interior Girder 3	11.5	0.95	1	1	7.245709
HS15_str_inv	BOBJ1	11.5	Before	Interior Girder 4	11.5	0.95	1	1	7.174817
HS15_str_inv	BOBJ1	11.5	Before	Interior Girder 5	11.5	0.95	1	1	6.50418
HS15_str_inv	BOBJ1	11.5	Before	Right Exterior Girder	11.5	0.95	1	1	12.096508
HS15_str_inv	BOBJ1	11.5	After	Left Exterior Girder	11.5	0.95	1	1	12.094805
HS15_str_inv	BOBJ1	11.5	After	Interior Girder 1	11.5	0.95	1	1	6.424935
HS15_str_inv	BOBJ1	11.5	After	Interior Girder 2	11.5	0.95	1	1	7.174508
HS15_str_inv	BOBJ1	11.5	After	Interior Girder 3	11.5	0.95	1	1	7.243832
HS15_str_inv	BOBJ1	11.5	After	Interior Girder 4	11.5	0.95	1	1	7.172948
HS15_str_inv	BOBJ1	11.5	After	Interior Girder 5	11.5	0.95	1	1	6.501672
HS15_str_inv	BOBJ1	11.5	After	Right Exterior Girder	11.5	0.95	1	1	12.094805
HS15_str_inv	BOBJ1	13.4167	Before	Left Exterior Girder	13.4167	0.95	1	1	12.004486
HS15_str_inv	BOBJ1	13.4167	Before	Interior Girder 1	13.4167	0.95	1	1	6.354462
HS15_str_inv	BOBJ1	13.4167	Before	Interior Girder 2	13.4167	0.95	1	1	7.095811
HS15_str_inv	BOBJ1	13.4167	Before	Interior Girder 3	13.4167	0.95	1	1	7.164373
HS15_str_inv	BOBJ1	13.4167	Before	Interior Girder 4	13.4167	0.95	1	1	7.094268
HS15_str_inv	BOBJ1	13.4167	Before	Interior Girder 5	13.4167	0.95	1	1	6.430356
HS15_str_inv	BOBJ1	13.4167	Before	Right Exterior Girder	13.4167	0.95	1	1	12.004486
HS15_str_inv	BOBJ1	13.4167	After	Left Exterior Girder	13.4167	0.95	1	1	10.248506
HS15_str_inv	BOBJ1	13.4167	After	Interior Girder 1	13.4167	0.95	1	1	5.512798
HS15_str_inv	BOBJ1	13.4167	After	Interior Girder 2	13.4167	0.95	1	1	6.159186
HS15_str_inv	BOBJ1	13.4167	After	Interior Girder 3	13.4167	0.95	1	1	6.150645
HS15_str_inv	BOBJ1	13.4167	After	Interior Girder 4	13.4167	0.95	1	1	6.156305
HS15_str_inv	BOBJ1	13.4167	After	Interior Girder 5	13.4167	0.95	1	1	5.572122
HS15_str_inv	BOBJ1	13.4167	After	Right Exterior Girder	13.4167	0.95	1	1	10.248506
HS15_str_inv	BOBJ1	15.3333	Before	Left Exterior Girder	15.3333	0.95	1	1	10.171192
HS15_str_inv	BOBJ1	15.3333	Before	Interior Girder 1	15.3333	0.95	1	1	5.451402
HS15_str_inv	BOBJ1	15.3333	Before	Interior Girder 2	15.3333	0.95	1	1	6.090581
HS15_str_inv	BOBJ1	15.3333	Before	Interior Girder 3	15.3333	0.95	1	1	6.082131
HS15_str_inv	BOBJ1	15.3333	Before	Interior Girder 4	15.3333	0.95	1	1	6.087732
HS15_str_inv	BOBJ1	15.3333	Before	Interior Girder 5	15.3333	0.95	1	1	5.510066
HS15_str_inv	BOBJ1	15.3333	Before	Right Exterior Girder	15.3333	0.95	1	1	10.171192
HS15_str_inv	BOBJ1	15.3333	After	Left Exterior Girder	15.3333	0.95	1	1	8.174686
HS15_str_inv	BOBJ1	15.3333	After	Interior Girder 1	15.3333	0.95	1	1	4.391271
HS15_str_inv	BOBJ1	15.3333	After	Interior Girder 2	15.3333	0.95	1	1	4.851273
HS15_str_inv	BOBJ1	15.3333	After	Interior Girder 3	15.3333	0.95	1	1	4.830259
HS15_str_inv	BOBJ1	15.3333	After	Interior Girder 4	15.3333	0.95	1	1	4.843867
HS15_str_inv	BOBJ1	15.3333	After	Interior Girder 5	15.3333	0.95	1	1	4.432855
HS15_str_inv	BOBJ1	15.3333	After	Right Exterior Girder	15.3333	0.95	1	1	8.174685
HS15_str_inv	BOBJ1	17.25	Before	Left Exterior Girder	17.25	0.95	1	1	8.112382
HS15_str_inv	BOBJ1	17.25	Before	Interior Girder 1	17.25	0.95	1	1	4.341602
HS15_str_inv	BOBJ1	17.25	Before	Interior Girder 2	17.25	0.95	1	1	4.796389
HS15_str_inv	BOBJ1	17.25	Before	Interior Girder 3	17.25	0.95	1	1	4.775605
HS15_str_inv	BOBJ1	17.25	Before	Interior Girder 4	17.25	0.95	1	1	4.789066
HS15_str_inv	BOBJ1	17.25	Before	Interior Girder 5	17.25	0.95	1	1	4.382715
HS15_str_inv	BOBJ1	17.25	Before	Right Exterior Girder	17.25	0.95	1	1	8.112382
HS15_str_inv	BOBJ1	17.25	After	Left Exterior Girder	17.25	0.95	1	1	6.579188
HS15_str_inv	BOBJ1	17.25	After	Interior Girder 1	17.25	0.95	1	1	3.537302
HS15_str_inv	BOBJ1	17.25	After	Interior Girder 2	17.25	0.95	1	1	3.881967
HS15_str_inv	BOBJ1	17.25	After	Interior Girder 3	17.25	0.95	1	1	3.85942
HS15_str_inv	BOBJ1	17.25	After	Interior Girder 4	17.25	0.95	1	1	3.874353
HS15_str_inv	BOBJ1	17.25	After	Interior Girder 5	17.25	0.95	1	1	3.569002
HS15_str_inv	BOBJ1	17.25	After	Right Exterior Girder	17.25	0.95	1	1	6.579188
HS15_str_inv	BOBJ1	19.1667	Before	Left Exterior Girder	19.1667	0.95	1	1	6.528527
HS15_str_inv	BOBJ1	19.1667	Before	Interior Girder 1	19.1667	0.95	1	1	3.496653

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Main Span Stringers									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
HS15_str_inv	BOBJ1	19.1667	Before	Interior Girder 2	19.1667	0.95	1	1	3.83735
HS15_str_inv	BOBJ1	19.1667	Before	Interior Girder 3	19.1667	0.95	1	1	3.815051
HS15_str_inv	BOBJ1	19.1667	Before	Interior Girder 4	19.1667	0.95	1	1	3.829823
HS15_str_inv	BOBJ1	19.1667	Before	Interior Girder 5	19.1667	0.95	1	1	3.527988
HS15_str_inv	BOBJ1	19.1667	Before	Right Exterior Girder	19.1667	0.95	1	1	6.528527
HS15_str_inv	BOBJ1	19.1667	After	Left Exterior Girder	19.1667	0.95	1	1	5.487309
HS15_str_inv	BOBJ1	19.1667	After	Interior Girder 1	19.1667	0.95	1	1	2.920882
HS15_str_inv	BOBJ1	19.1667	After	Interior Girder 2	19.1667	0.95	1	1	3.203068
HS15_str_inv	BOBJ1	19.1667	After	Interior Girder 3	19.1667	0.95	1	1	3.186108
HS15_str_inv	BOBJ1	19.1667	After	Interior Girder 4	19.1667	0.95	1	1	3.195921
HS15_str_inv	BOBJ1	19.1667	After	Interior Girder 5	19.1667	0.95	1	1	2.94689
HS15_str_inv	BOBJ1	19.1667	After	Right Exterior Girder	19.1667	0.95	1	1	5.487309
HS15_str_inv	BOBJ1	21.0833	Before	Left Exterior Girder	21.0833	0.95	1	1	5.444615
HS15_str_inv	BOBJ1	21.0833	Before	Interior Girder 1	21.0833	0.95	1	1	2.886772
HS15_str_inv	BOBJ1	21.0833	Before	Interior Girder 2	21.0833	0.95	1	1	3.165659
HS15_str_inv	BOBJ1	21.0833	Before	Interior Girder 3	21.0833	0.95	1	1	3.148882
HS15_str_inv	BOBJ1	21.0833	Before	Interior Girder 4	21.0833	0.95	1	1	3.158595
HS15_str_inv	BOBJ1	21.0833	Before	Interior Girder 5	21.0833	0.95	1	1	2.912476
HS15_str_inv	BOBJ1	21.0833	Before	Right Exterior Girder	21.0833	0.95	1	1	5.444615
HS15_str_inv	BOBJ1	21.0833	After	Left Exterior Girder	21.0833	0.95	1	1	4.701883
HS15_str_inv	BOBJ1	21.0833	After	Interior Girder 1	21.0833	0.95	1	1	2.443846
HS15_str_inv	BOBJ1	21.0833	After	Interior Girder 2	21.0833	0.95	1	1	2.684727
HS15_str_inv	BOBJ1	21.0833	After	Interior Girder 3	21.0833	0.95	1	1	2.668355
HS15_str_inv	BOBJ1	21.0833	After	Interior Girder 4	21.0833	0.95	1	1	2.678436
HS15_str_inv	BOBJ1	21.0833	After	Interior Girder 5	21.0833	0.95	1	1	2.466814
HS15_str_inv	BOBJ1	21.0833	After	Right Exterior Girder	21.0833	0.95	1	1	4.701883
HS15_str_inv	BOBJ1	23	Before	Left Exterior Girder	23	0.95	1	1	4.66493
HS15_str_inv	BOBJ1	23	Before	Interior Girder 1	23	0.95	1	1	2.414816
HS15_str_inv	BOBJ1	23	Before	Interior Girder 2	23	0.95	1	1	2.652862
HS15_str_inv	BOBJ1	23	Before	Interior Girder 3	23	0.95	1	1	2.636667
HS15_str_inv	BOBJ1	23	Before	Interior Girder 4	23	0.95	1	1	2.646646
HS15_str_inv	BOBJ1	23	Before	Interior Girder 5	23	0.95	1	1	2.437511
HS15_str_inv	BOBJ1	23	Before	Right Exterior Girder	23	0.95	1	1	4.66493
Lane_str_opr	BOBJ1	0	After	Left Exterior Girder	0	0.95	1	1	54.308648
Lane_str_opr	BOBJ1	0	After	Interior Girder 1	0	0.95	1	1	21.768516
Lane_str_opr	BOBJ1	0	After	Interior Girder 2	0	0.95	1	1	24.112728
Lane_str_opr	BOBJ1	0	After	Interior Girder 3	0	0.95	1	1	23.870752
Lane_str_opr	BOBJ1	0	After	Interior Girder 4	0	0.95	1	1	23.410277
Lane_str_opr	BOBJ1	0	After	Interior Girder 5	0	0.95	1	1	21.852267
Lane_str_opr	BOBJ1	0	After	Right Exterior Girder	0	0.95	1	1	54.308644
Lane_str_opr	BOBJ1	1.9167	Before	Left Exterior Girder	1.9167	0.95	1	1	54.738937
Lane_str_opr	BOBJ1	1.9167	Before	Interior Girder 1	1.9167	0.95	1	1	22.029948
Lane_str_opr	BOBJ1	1.9167	Before	Interior Girder 2	1.9167	0.95	1	1	24.402318
Lane_str_opr	BOBJ1	1.9167	Before	Interior Girder 3	1.9167	0.95	1	1	24.1576
Lane_str_opr	BOBJ1	1.9167	Before	Interior Girder 4	1.9167	0.95	1	1	23.691431
Lane_str_opr	BOBJ1	1.9167	Before	Interior Girder 5	1.9167	0.95	1	1	22.114705
Lane_str_opr	BOBJ1	1.9167	Before	Right Exterior Girder	1.9167	0.95	1	1	54.738933
Lane_str_opr	BOBJ1	1.9167	After	Left Exterior Girder	1.9167	0.95	1	1	65.090612
Lane_str_opr	BOBJ1	1.9167	After	Interior Girder 1	1.9167	0.95	1	1	26.776037
Lane_str_opr	BOBJ1	1.9167	After	Interior Girder 2	1.9167	0.95	1	1	29.609016
Lane_str_opr	BOBJ1	1.9167	After	Interior Girder 3	1.9167	0.95	1	1	29.321543
Lane_str_opr	BOBJ1	1.9167	After	Interior Girder 4	1.9167	0.95	1	1	28.771481
Lane_str_opr	BOBJ1	1.9167	After	Interior Girder 5	1.9167	0.95	1	1	26.873509
Lane_str_opr	BOBJ1	1.9167	After	Right Exterior Girder	1.9167	0.95	1	1	65.090609
Lane_str_opr	BOBJ1	3.8333	Before	Left Exterior Girder	3.8333	0.95	1	1	65.600955
Lane_str_opr	BOBJ1	3.8333	Before	Interior Girder 1	3.8333	0.95	1	1	27.092285
Lane_str_opr	BOBJ1	3.8333	Before	Interior Girder 2	3.8333	0.95	1	1	29.958819
Lane_str_opr	BOBJ1	3.8333	Before	Interior Girder 3	3.8333	0.95	1	1	29.668077
Lane_str_opr	BOBJ1	3.8333	Before	Interior Girder 4	3.8333	0.95	1	1	29.111389
Lane_str_opr	BOBJ1	3.8333	Before	Interior Girder 5	3.8333	0.95	1	1	27.190909
Lane_str_opr	BOBJ1	3.8333	Before	Right Exterior Girder	3.8333	0.95	1	1	65.600952
Lane_str_opr	BOBJ1	3.8333	After	Left Exterior Girder	3.8333	0.95	1	1	79.892502
Lane_str_opr	BOBJ1	3.8333	After	Interior Girder 1	3.8333	0.95	1	1	33.252754
Lane_str_opr	BOBJ1	3.8333	After	Interior Girder 2	3.8333	0.95	1	1	36.658881
Lane_str_opr	BOBJ1	3.8333	After	Interior Girder 3	3.8333	0.95	1	1	36.281854

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Main Span Stringers									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Lane_str_opr	BOBJ1	3.8333	After	Interior Girder 4	3.8333	0.95	1	1	35.617364
Lane_str_opr	BOBJ1	3.8333	After	Interior Girder 5	3.8333	0.95	1	1	33.342561
Lane_str_opr	BOBJ1	3.8333	After	Right Exterior Girder	3.8333	0.95	1	1	79.892499
Lane_str_opr	BOBJ1	5.75	Before	Left Exterior Girder	5.75	0.95	1	1	80.512395
Lane_str_opr	BOBJ1	5.75	Before	Interior Girder 1	5.75	0.95	1	1	33.639144
Lane_str_opr	BOBJ1	5.75	Before	Interior Girder 2	5.75	0.95	1	1	37.085009
Lane_str_opr	BOBJ1	5.75	Before	Interior Girder 3	5.75	0.95	1	1	36.703692
Lane_str_opr	BOBJ1	5.75	Before	Interior Girder 4	5.75	0.95	1	1	36.031386
Lane_str_opr	BOBJ1	5.75	Before	Interior Girder 5	5.75	0.95	1	1	33.729994
Lane_str_opr	BOBJ1	5.75	Before	Right Exterior Girder	5.75	0.95	1	1	80.512393
Lane_str_opr	BOBJ1	5.75	After	Left Exterior Girder	5.75	0.95	1	1	101.216382
Lane_str_opr	BOBJ1	5.75	After	Interior Girder 1	5.75	0.95	1	1	41.93444
Lane_str_opr	BOBJ1	5.75	After	Interior Girder 2	5.75	0.95	1	1	46.02939
Lane_str_opr	BOBJ1	5.75	After	Interior Girder 3	5.75	0.95	1	1	45.531728
Lane_str_opr	BOBJ1	5.75	After	Interior Girder 4	5.75	0.95	1	1	44.668444
Lane_str_opr	BOBJ1	5.75	After	Interior Girder 5	5.75	0.95	1	1	42.002923
Lane_str_opr	BOBJ1	5.75	After	Right Exterior Girder	5.75	0.95	1	1	101.216381
Lane_str_opr	BOBJ1	7.6667	Before	Left Exterior Girder	7.6667	0.95	1	1	101.993628
Lane_str_opr	BOBJ1	7.6667	Before	Interior Girder 1	7.6667	0.95	1	1	42.413982
Lane_str_opr	BOBJ1	7.6667	Before	Interior Girder 2	7.6667	0.95	1	1	46.555962
Lane_str_opr	BOBJ1	7.6667	Before	Interior Girder 3	7.6667	0.95	1	1	46.052669
Lane_str_opr	BOBJ1	7.6667	Before	Interior Girder 4	7.6667	0.95	1	1	45.179447
Lane_str_opr	BOBJ1	7.6667	Before	Interior Girder 5	7.6667	0.95	1	1	42.483248
Lane_str_opr	BOBJ1	7.6667	Before	Right Exterior Girder	7.6667	0.95	1	1	101.993627
Lane_str_opr	BOBJ1	7.6667	After	Left Exterior Girder	7.6667	0.95	1	1	133.676228
Lane_str_opr	BOBJ1	7.6667	After	Interior Girder 1	7.6667	0.95	1	1	54.035185
Lane_str_opr	BOBJ1	7.6667	After	Interior Girder 2	7.6667	0.95	1	1	59.14214
Lane_str_opr	BOBJ1	7.6667	After	Interior Girder 3	7.6667	0.95	1	1	58.165061
Lane_str_opr	BOBJ1	7.6667	After	Interior Girder 4	7.6667	0.95	1	1	57.266235
Lane_str_opr	BOBJ1	7.6667	After	Interior Girder 5	7.6667	0.95	1	1	54.128018
Lane_str_opr	BOBJ1	7.6667	After	Right Exterior Girder	7.6667	0.95	1	1	133.676228
Lane_str_opr	BOBJ1	9.5833	Before	Left Exterior Girder	9.5833	0.95	1	1	134.692196
Lane_str_opr	BOBJ1	9.5833	Before	Interior Girder 1	9.5833	0.95	1	1	54.643503
Lane_str_opr	BOBJ1	9.5833	Before	Interior Girder 2	9.5833	0.95	1	1	59.808147
Lane_str_opr	BOBJ1	9.5833	Before	Interior Girder 3	9.5833	0.95	1	1	58.820104
Lane_str_opr	BOBJ1	9.5833	Before	Interior Girder 4	9.5833	0.95	1	1	57.911118
Lane_str_opr	BOBJ1	9.5833	Before	Interior Girder 5	9.5833	0.95	1	1	54.737381
Lane_str_opr	BOBJ1	9.5833	Before	Right Exterior Girder	9.5833	0.95	1	1	134.692196
Lane_str_opr	BOBJ1	9.5833	After	Left Exterior Girder	9.5833	0.95	1	1	185.056811
Lane_str_opr	BOBJ1	9.5833	After	Interior Girder 1	9.5833	0.95	1	1	71.734873
Lane_str_opr	BOBJ1	9.5833	After	Interior Girder 2	9.5833	0.95	1	1	78.543326
Lane_str_opr	BOBJ1	9.5833	After	Interior Girder 3	9.5833	0.95	1	1	75.463483
Lane_str_opr	BOBJ1	9.5833	After	Interior Girder 4	9.5833	0.95	1	1	75.807794
Lane_str_opr	BOBJ1	9.5833	After	Interior Girder 5	9.5833	0.95	1	1	71.984182
Lane_str_opr	BOBJ1	9.5833	After	Right Exterior Girder	9.5833	0.95	1	1	185.056813
Lane_str_opr	BOBJ1	11.5	Before	Left Exterior Girder	11.5	0.95	1	1	186.448938
Lane_str_opr	BOBJ1	11.5	Before	Interior Girder 1	11.5	0.95	1	1	72.530133
Lane_str_opr	BOBJ1	11.5	Before	Interior Girder 2	11.5	0.95	1	1	79.414192
Lane_str_opr	BOBJ1	11.5	Before	Interior Girder 3	11.5	0.95	1	1	76.300215
Lane_str_opr	BOBJ1	11.5	Before	Interior Girder 4	11.5	0.95	1	1	76.64833
Lane_str_opr	BOBJ1	11.5	Before	Interior Girder 5	11.5	0.95	1	1	72.782206
Lane_str_opr	BOBJ1	11.5	Before	Right Exterior Girder	11.5	0.95	1	1	186.44894
Lane_str_opr	BOBJ1	11.5	After	Left Exterior Girder	11.5	0.95	1	1	186.422696
Lane_str_opr	BOBJ1	11.5	After	Interior Girder 1	11.5	0.95	1	1	72.502161
Lane_str_opr	BOBJ1	11.5	After	Interior Girder 2	11.5	0.95	1	1	79.393497
Lane_str_opr	BOBJ1	11.5	After	Interior Girder 3	11.5	0.95	1	1	76.280442
Lane_str_opr	BOBJ1	11.5	After	Interior Girder 4	11.5	0.95	1	1	76.628355
Lane_str_opr	BOBJ1	11.5	After	Interior Girder 5	11.5	0.95	1	1	72.75414
Lane_str_opr	BOBJ1	11.5	After	Right Exterior Girder	11.5	0.95	1	1	186.422689
Lane_str_opr	BOBJ1	13.4167	Before	Left Exterior Girder	13.4167	0.95	1	1	185.030569
Lane_str_opr	BOBJ1	13.4167	Before	Interior Girder 1	13.4167	0.95	1	1	71.706901
Lane_str_opr	BOBJ1	13.4167	Before	Interior Girder 2	13.4167	0.95	1	1	78.52263
Lane_str_opr	BOBJ1	13.4167	Before	Interior Girder 3	13.4167	0.95	1	1	75.44371
Lane_str_opr	BOBJ1	13.4167	Before	Interior Girder 4	13.4167	0.95	1	1	75.78782
Lane_str_opr	BOBJ1	13.4167	Before	Interior Girder 5	13.4167	0.95	1	1	71.956115

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Main Span Stringers									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Lane_str_opr	BOBJ1	13.4167	Before	Right Exterior Girder	13.4167	0.95	1	1	185.030562
Lane_str_opr	BOBJ1	13.4167	After	Left Exterior Girder	13.4167	0.95	1	1	134.673647
Lane_str_opr	BOBJ1	13.4167	After	Interior Girder 1	13.4167	0.95	1	1	54.621725
Lane_str_opr	BOBJ1	13.4167	After	Interior Girder 2	13.4167	0.95	1	1	59.792463
Lane_str_opr	BOBJ1	13.4167	After	Interior Girder 3	13.4167	0.95	1	1	58.804638
Lane_str_opr	BOBJ1	13.4167	After	Interior Girder 4	13.4167	0.95	1	1	57.89593
Lane_str_opr	BOBJ1	13.4167	After	Interior Girder 5	13.4167	0.95	1	1	54.715567
Lane_str_opr	BOBJ1	13.4167	After	Right Exterior Girder	13.4167	0.95	1	1	134.673641
Lane_str_opr	BOBJ1	15.3333	Before	Left Exterior Girder	15.3333	0.95	1	1	133.657679
Lane_str_opr	BOBJ1	15.3333	Before	Interior Girder 1	15.3333	0.95	1	1	54.013407
Lane_str_opr	BOBJ1	15.3333	Before	Interior Girder 2	15.3333	0.95	1	1	59.126455
Lane_str_opr	BOBJ1	15.3333	Before	Interior Girder 3	15.3333	0.95	1	1	58.149596
Lane_str_opr	BOBJ1	15.3333	Before	Interior Girder 4	15.3333	0.95	1	1	57.251048
Lane_str_opr	BOBJ1	15.3333	Before	Interior Girder 5	15.3333	0.95	1	1	54.106203
Lane_str_opr	BOBJ1	15.3333	Before	Right Exterior Girder	15.3333	0.95	1	1	133.657673
Lane_str_opr	BOBJ1	15.3333	After	Left Exterior Girder	15.3333	0.95	1	1	101.980269
Lane_str_opr	BOBJ1	15.3333	After	Interior Girder 1	15.3333	0.95	1	1	42.396301
Lane_str_opr	BOBJ1	15.3333	After	Interior Girder 2	15.3333	0.95	1	1	46.543743
Lane_str_opr	BOBJ1	15.3333	After	Interior Girder 3	15.3333	0.95	1	1	46.040364
Lane_str_opr	BOBJ1	15.3333	After	Interior Girder 4	15.3333	0.95	1	1	45.167589
Lane_str_opr	BOBJ1	15.3333	After	Interior Girder 5	15.3333	0.95	1	1	42.465539
Lane_str_opr	BOBJ1	15.3333	After	Right Exterior Girder	15.3333	0.95	1	1	101.980265
Lane_str_opr	BOBJ1	17.25	Before	Left Exterior Girder	17.25	0.95	1	1	101.203023
Lane_str_opr	BOBJ1	17.25	Before	Interior Girder 1	17.25	0.95	1	1	41.91676
Lane_str_opr	BOBJ1	17.25	Before	Interior Girder 2	17.25	0.95	1	1	46.017171
Lane_str_opr	BOBJ1	17.25	Before	Interior Girder 3	17.25	0.95	1	1	45.519423
Lane_str_opr	BOBJ1	17.25	Before	Interior Girder 4	17.25	0.95	1	1	44.656587
Lane_str_opr	BOBJ1	17.25	Before	Interior Girder 5	17.25	0.95	1	1	41.985214
Lane_str_opr	BOBJ1	17.25	Before	Right Exterior Girder	17.25	0.95	1	1	101.203019
Lane_str_opr	BOBJ1	17.25	After	Left Exterior Girder	17.25	0.95	1	1	80.503551
Lane_str_opr	BOBJ1	17.25	After	Interior Girder 1	17.25	0.95	1	1	33.623694
Lane_str_opr	BOBJ1	17.25	After	Interior Girder 2	17.25	0.95	1	1	37.075492
Lane_str_opr	BOBJ1	17.25	After	Interior Girder 3	17.25	0.95	1	1	36.693942
Lane_str_opr	BOBJ1	17.25	After	Interior Girder 4	17.25	0.95	1	1	36.022139
Lane_str_opr	BOBJ1	17.25	After	Interior Girder 5	17.25	0.95	1	1	33.714503
Lane_str_opr	BOBJ1	17.25	After	Right Exterior Girder	17.25	0.95	1	1	80.503548
Lane_str_opr	BOBJ1	19.1667	Before	Left Exterior Girder	19.1667	0.95	1	1	79.883657
Lane_str_opr	BOBJ1	19.1667	Before	Interior Girder 1	19.1667	0.95	1	1	33.237304
Lane_str_opr	BOBJ1	19.1667	Before	Interior Girder 2	19.1667	0.95	1	1	36.649364
Lane_str_opr	BOBJ1	19.1667	Before	Interior Girder 3	19.1667	0.95	1	1	36.272103
Lane_str_opr	BOBJ1	19.1667	Before	Interior Girder 4	19.1667	0.95	1	1	35.608118
Lane_str_opr	BOBJ1	19.1667	Before	Interior Girder 5	19.1667	0.95	1	1	33.32707
Lane_str_opr	BOBJ1	19.1667	Before	Right Exterior Girder	19.1667	0.95	1	1	79.883655
Lane_str_opr	BOBJ1	19.1667	After	Left Exterior Girder	19.1667	0.95	1	1	65.59258
Lane_str_opr	BOBJ1	19.1667	After	Interior Girder 1	19.1667	0.95	1	1	27.08079
Lane_str_opr	BOBJ1	19.1667	After	Interior Girder 2	19.1667	0.95	1	1	29.950556
Lane_str_opr	BOBJ1	19.1667	After	Interior Girder 3	19.1667	0.95	1	1	29.659452
Lane_str_opr	BOBJ1	19.1667	After	Interior Girder 4	19.1667	0.95	1	1	29.10336
Lane_str_opr	BOBJ1	19.1667	After	Interior Girder 5	19.1667	0.95	1	1	27.179372
Lane_str_opr	BOBJ1	19.1667	After	Right Exterior Girder	19.1667	0.95	1	1	65.592577
Lane_str_opr	BOBJ1	21.0833	Before	Left Exterior Girder	21.0833	0.95	1	1	65.082237
Lane_str_opr	BOBJ1	21.0833	Before	Interior Girder 1	21.0833	0.95	1	1	26.764541
Lane_str_opr	BOBJ1	21.0833	Before	Interior Girder 2	21.0833	0.95	1	1	29.600753
Lane_str_opr	BOBJ1	21.0833	Before	Interior Girder 3	21.0833	0.95	1	1	29.312918
Lane_str_opr	BOBJ1	21.0833	Before	Interior Girder 4	21.0833	0.95	1	1	28.763452
Lane_str_opr	BOBJ1	21.0833	Before	Interior Girder 5	21.0833	0.95	1	1	26.861972
Lane_str_opr	BOBJ1	21.0833	Before	Right Exterior Girder	21.0833	0.95	1	1	65.082235
Lane_str_opr	BOBJ1	21.0833	After	Left Exterior Girder	21.0833	0.95	1	1	54.749572
Lane_str_opr	BOBJ1	21.0833	After	Interior Girder 1	21.0833	0.95	1	1	22.008192
Lane_str_opr	BOBJ1	21.0833	After	Interior Girder 2	21.0833	0.95	1	1	24.399031
Lane_str_opr	BOBJ1	21.0833	After	Interior Girder 3	21.0833	0.95	1	1	24.154233
Lane_str_opr	BOBJ1	21.0833	After	Interior Girder 4	21.0833	0.95	1	1	23.68824
Lane_str_opr	BOBJ1	21.0833	After	Interior Girder 5	21.0833	0.95	1	1	22.092864
Lane_str_opr	BOBJ1	21.0833	After	Right Exterior Girder	21.0833	0.95	1	1	54.749571
Lane_str_opr	BOBJ1	23	Before	Left Exterior Girder	23	0.95	1	1	54.319283

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Main Span Stringers									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Lane_str_opr	BOBJ1	23	Before	Interior Girder 1	23	0.95	1	1	21.746759
Lane_str_opr	BOBJ1	23	Before	Interior Girder 2	23	0.95	1	1	24.109441
Lane_str_opr	BOBJ1	23	Before	Interior Girder 3	23	0.95	1	1	23.867385
Lane_str_opr	BOBJ1	23	Before	Interior Girder 4	23	0.95	1	1	23.407086
Lane_str_opr	BOBJ1	23	Before	Interior Girder 5	23	0.95	1	1	21.830426
Lane_str_opr	BOBJ1	23	Before	Right Exterior Girder	23	0.95	1	1	54.319281
Lane_str_inv	BOBJ1	0	After	Left Exterior Girder	0	0.95	1	1	41.895243
Lane_str_inv	BOBJ1	0	After	Interior Girder 1	0	0.95	1	1	16.792855
Lane_str_inv	BOBJ1	0	After	Interior Girder 2	0	0.95	1	1	18.601247
Lane_str_inv	BOBJ1	0	After	Interior Girder 3	0	0.95	1	1	18.41458
Lane_str_inv	BOBJ1	0	After	Interior Girder 4	0	0.95	1	1	18.059357
Lane_str_inv	BOBJ1	0	After	Interior Girder 5	0	0.95	1	1	16.857463
Lane_str_inv	BOBJ1	0	After	Right Exterior Girder	0	0.95	1	1	41.895239
Lane_str_inv	BOBJ1	1.9167	Before	Left Exterior Girder	1.9167	0.95	1	1	42.22718
Lane_str_inv	BOBJ1	1.9167	Before	Interior Girder 1	1.9167	0.95	1	1	16.994531
Lane_str_inv	BOBJ1	1.9167	Before	Interior Girder 2	1.9167	0.95	1	1	18.824645
Lane_str_inv	BOBJ1	1.9167	Before	Interior Girder 3	1.9167	0.95	1	1	18.635863
Lane_str_inv	BOBJ1	1.9167	Before	Interior Girder 4	1.9167	0.95	1	1	18.276247
Lane_str_inv	BOBJ1	1.9167	Before	Interior Girder 5	1.9167	0.95	1	1	17.059915
Lane_str_inv	BOBJ1	1.9167	Before	Right Exterior Girder	1.9167	0.95	1	1	42.227177
Lane_str_inv	BOBJ1	1.9167	After	Left Exterior Girder	1.9167	0.95	1	1	50.212758
Lane_str_inv	BOBJ1	1.9167	After	Interior Girder 1	1.9167	0.95	1	1	20.6558
Lane_str_inv	BOBJ1	1.9167	After	Interior Girder 2	1.9167	0.95	1	1	22.841241
Lane_str_inv	BOBJ1	1.9167	After	Interior Girder 3	1.9167	0.95	1	1	22.619476
Lane_str_inv	BOBJ1	1.9167	After	Interior Girder 4	1.9167	0.95	1	1	22.195142
Lane_str_inv	BOBJ1	1.9167	After	Interior Girder 5	1.9167	0.95	1	1	20.730993
Lane_str_inv	BOBJ1	1.9167	After	Right Exterior Girder	1.9167	0.95	1	1	50.212756
Lane_str_inv	BOBJ1	3.8333	Before	Left Exterior Girder	3.8333	0.95	1	1	50.606451
Lane_str_inv	BOBJ1	3.8333	Before	Interior Girder 1	3.8333	0.95	1	1	20.899763
Lane_str_inv	BOBJ1	3.8333	Before	Interior Girder 2	3.8333	0.95	1	1	23.111089
Lane_str_inv	BOBJ1	3.8333	Before	Interior Girder 3	3.8333	0.95	1	1	22.886802
Lane_str_inv	BOBJ1	3.8333	Before	Interior Girder 4	3.8333	0.95	1	1	22.457357
Lane_str_inv	BOBJ1	3.8333	Before	Interior Girder 5	3.8333	0.95	1	1	20.975844
Lane_str_inv	BOBJ1	3.8333	Before	Right Exterior Girder	3.8333	0.95	1	1	50.606448
Lane_str_inv	BOBJ1	3.8333	After	Left Exterior Girder	3.8333	0.95	1	1	61.631358
Lane_str_inv	BOBJ1	3.8333	After	Interior Girder 1	3.8333	0.95	1	1	25.652125
Lane_str_inv	BOBJ1	3.8333	After	Interior Girder 2	3.8333	0.95	1	1	28.279708
Lane_str_inv	BOBJ1	3.8333	After	Interior Girder 3	3.8333	0.95	1	1	27.988859
Lane_str_inv	BOBJ1	3.8333	After	Interior Girder 4	3.8333	0.95	1	1	27.476252
Lane_str_inv	BOBJ1	3.8333	After	Interior Girder 5	3.8333	0.95	1	1	25.721405
Lane_str_inv	BOBJ1	3.8333	After	Right Exterior Girder	3.8333	0.95	1	1	61.631357
Lane_str_inv	BOBJ1	5.75	Before	Left Exterior Girder	5.75	0.95	1	1	62.109562
Lane_str_inv	BOBJ1	5.75	Before	Interior Girder 1	5.75	0.95	1	1	25.950197
Lane_str_inv	BOBJ1	5.75	Before	Interior Girder 2	5.75	0.95	1	1	28.608436
Lane_str_inv	BOBJ1	5.75	Before	Interior Girder 3	5.75	0.95	1	1	28.314277
Lane_str_inv	BOBJ1	5.75	Before	Interior Girder 4	5.75	0.95	1	1	27.79564
Lane_str_inv	BOBJ1	5.75	Before	Interior Girder 5	5.75	0.95	1	1	26.020281
Lane_str_inv	BOBJ1	5.75	Before	Right Exterior Girder	5.75	0.95	1	1	62.10956
Lane_str_inv	BOBJ1	5.75	After	Left Exterior Girder	5.75	0.95	1	1	78.081209
Lane_str_inv	BOBJ1	5.75	After	Interior Girder 1	5.75	0.95	1	1	32.349426
Lane_str_inv	BOBJ1	5.75	After	Interior Girder 2	5.75	0.95	1	1	35.508387
Lane_str_inv	BOBJ1	5.75	After	Interior Girder 3	5.75	0.95	1	1	35.124476
Lane_str_inv	BOBJ1	5.75	After	Interior Girder 4	5.75	0.95	1	1	34.458514
Lane_str_inv	BOBJ1	5.75	After	Interior Girder 5	5.75	0.95	1	1	32.402255
Lane_str_inv	BOBJ1	5.75	After	Right Exterior Girder	5.75	0.95	1	1	78.081208
Lane_str_inv	BOBJ1	7.6667	Before	Left Exterior Girder	7.6667	0.95	1	1	78.680799
Lane_str_inv	BOBJ1	7.6667	Before	Interior Girder 1	7.6667	0.95	1	1	32.719357
Lane_str_inv	BOBJ1	7.6667	Before	Interior Girder 2	7.6667	0.95	1	1	35.914599
Lane_str_inv	BOBJ1	7.6667	Before	Interior Girder 3	7.6667	0.95	1	1	35.526345
Lane_str_inv	BOBJ1	7.6667	Before	Interior Girder 4	7.6667	0.95	1	1	34.852716
Lane_str_inv	BOBJ1	7.6667	Before	Interior Girder 5	7.6667	0.95	1	1	32.772791
Lane_str_inv	BOBJ1	7.6667	Before	Right Exterior Girder	7.6667	0.95	1	1	78.680798
Lane_str_inv	BOBJ1	7.6667	After	Left Exterior Girder	7.6667	0.95	1	1	103.121662
Lane_str_inv	BOBJ1	7.6667	After	Interior Girder 1	7.6667	0.95	1	1	41.684286
Lane_str_inv	BOBJ1	7.6667	After	Interior Girder 2	7.6667	0.95	1	1	45.623936

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Main Span Stringers									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Lane_str_inv	BOBJ1	7.6667	After	Interior Girder 3	7.6667	0.95	1	1	44.87019
Lane_str_inv	BOBJ1	7.6667	After	Interior Girder 4	7.6667	0.95	1	1	44.17681
Lane_str_inv	BOBJ1	7.6667	After	Interior Girder 5	7.6667	0.95	1	1	41.755899
Lane_str_inv	BOBJ1	7.6667	After	Right Exterior Girder	7.6667	0.95	1	1	103.121662
Lane_str_inv	BOBJ1	9.5833	Before	Left Exterior Girder	9.5833	0.95	1	1	103.905408
Lane_str_inv	BOBJ1	9.5833	Before	Interior Girder 1	9.5833	0.95	1	1	42.15356
Lane_str_inv	BOBJ1	9.5833	Before	Interior Girder 2	9.5833	0.95	1	1	46.137714
Lane_str_inv	BOBJ1	9.5833	Before	Interior Girder 3	9.5833	0.95	1	1	45.375509
Lane_str_inv	BOBJ1	9.5833	Before	Interior Girder 4	9.5833	0.95	1	1	44.674291
Lane_str_inv	BOBJ1	9.5833	Before	Interior Girder 5	9.5833	0.95	1	1	42.22598
Lane_str_inv	BOBJ1	9.5833	Before	Right Exterior Girder	9.5833	0.95	1	1	103.905408
Lane_str_inv	BOBJ1	9.5833	After	Left Exterior Girder	9.5833	0.95	1	1	142.758111
Lane_str_inv	BOBJ1	9.5833	After	Interior Girder 1	9.5833	0.95	1	1	55.33833
Lane_str_inv	BOBJ1	9.5833	After	Interior Girder 2	9.5833	0.95	1	1	60.590565
Lane_str_inv	BOBJ1	9.5833	After	Interior Girder 3	9.5833	0.95	1	1	58.214687
Lane_str_inv	BOBJ1	9.5833	After	Interior Girder 4	9.5833	0.95	1	1	58.480298
Lane_str_inv	BOBJ1	9.5833	After	Interior Girder 5	9.5833	0.95	1	1	55.530655
Lane_str_inv	BOBJ1	9.5833	After	Right Exterior Girder	9.5833	0.95	1	1	142.758113
Lane_str_inv	BOBJ1	11.5	Before	Left Exterior Girder	11.5	0.95	1	1	143.832038
Lane_str_inv	BOBJ1	11.5	Before	Interior Girder 1	11.5	0.95	1	1	55.951817
Lane_str_inv	BOBJ1	11.5	Before	Interior Girder 2	11.5	0.95	1	1	61.262377
Lane_str_inv	BOBJ1	11.5	Before	Interior Girder 3	11.5	0.95	1	1	58.860166
Lane_str_inv	BOBJ1	11.5	Before	Interior Girder 4	11.5	0.95	1	1	59.128712
Lane_str_inv	BOBJ1	11.5	Before	Interior Girder 5	11.5	0.95	1	1	56.146273
Lane_str_inv	BOBJ1	11.5	Before	Right Exterior Girder	11.5	0.95	1	1	143.832039
Lane_str_inv	BOBJ1	11.5	After	Left Exterior Girder	11.5	0.95	1	1	143.811794
Lane_str_inv	BOBJ1	11.5	After	Interior Girder 1	11.5	0.95	1	1	55.930239
Lane_str_inv	BOBJ1	11.5	After	Interior Girder 2	11.5	0.95	1	1	61.246412
Lane_str_inv	BOBJ1	11.5	After	Interior Girder 3	11.5	0.95	1	1	58.844913
Lane_str_inv	BOBJ1	11.5	After	Interior Girder 4	11.5	0.95	1	1	59.113303
Lane_str_inv	BOBJ1	11.5	After	Interior Girder 5	11.5	0.95	1	1	56.124622
Lane_str_inv	BOBJ1	11.5	After	Right Exterior Girder	11.5	0.95	1	1	143.811789
Lane_str_inv	BOBJ1	13.4167	Before	Left Exterior Girder	13.4167	0.95	1	1	142.737868
Lane_str_inv	BOBJ1	13.4167	Before	Interior Girder 1	13.4167	0.95	1	1	55.316752
Lane_str_inv	BOBJ1	13.4167	Before	Interior Girder 2	13.4167	0.95	1	1	60.5746
Lane_str_inv	BOBJ1	13.4167	Before	Interior Girder 3	13.4167	0.95	1	1	58.199433
Lane_str_inv	BOBJ1	13.4167	Before	Interior Girder 4	13.4167	0.95	1	1	58.46489
Lane_str_inv	BOBJ1	13.4167	Before	Interior Girder 5	13.4167	0.95	1	1	55.509003
Lane_str_inv	BOBJ1	13.4167	Before	Right Exterior Girder	13.4167	0.95	1	1	142.737862
Lane_str_inv	BOBJ1	13.4167	After	Left Exterior Girder	13.4167	0.95	1	1	103.891099
Lane_str_inv	BOBJ1	13.4167	After	Interior Girder 1	13.4167	0.95	1	1	42.136759
Lane_str_inv	BOBJ1	13.4167	After	Interior Girder 2	13.4167	0.95	1	1	46.125614
Lane_str_inv	BOBJ1	13.4167	After	Interior Girder 3	13.4167	0.95	1	1	45.363578
Lane_str_inv	BOBJ1	13.4167	After	Interior Girder 4	13.4167	0.95	1	1	44.662575
Lane_str_inv	BOBJ1	13.4167	After	Interior Girder 5	13.4167	0.95	1	1	42.209151
Lane_str_inv	BOBJ1	13.4167	After	Right Exterior Girder	13.4167	0.95	1	1	103.891095
Lane_str_inv	BOBJ1	15.3333	Before	Left Exterior Girder	15.3333	0.95	1	1	103.107352
Lane_str_inv	BOBJ1	15.3333	Before	Interior Girder 1	15.3333	0.95	1	1	41.667485
Lane_str_inv	BOBJ1	15.3333	Before	Interior Girder 2	15.3333	0.95	1	1	45.611837
Lane_str_inv	BOBJ1	15.3333	Before	Interior Girder 3	15.3333	0.95	1	1	44.85826
Lane_str_inv	BOBJ1	15.3333	Before	Interior Girder 4	15.3333	0.95	1	1	44.165094
Lane_str_inv	BOBJ1	15.3333	Before	Interior Girder 5	15.3333	0.95	1	1	41.739071
Lane_str_inv	BOBJ1	15.3333	Before	Right Exterior Girder	15.3333	0.95	1	1	103.107348
Lane_str_inv	BOBJ1	15.3333	After	Left Exterior Girder	15.3333	0.95	1	1	78.670493
Lane_str_inv	BOBJ1	15.3333	After	Interior Girder 1	15.3333	0.95	1	1	32.705718
Lane_str_inv	BOBJ1	15.3333	After	Interior Girder 2	15.3333	0.95	1	1	35.905173
Lane_str_inv	BOBJ1	15.3333	After	Interior Girder 3	15.3333	0.95	1	1	35.516852
Lane_str_inv	BOBJ1	15.3333	After	Interior Girder 4	15.3333	0.95	1	1	34.843569
Lane_str_inv	BOBJ1	15.3333	After	Interior Girder 5	15.3333	0.95	1	1	32.75913
Lane_str_inv	BOBJ1	15.3333	After	Right Exterior Girder	15.3333	0.95	1	1	78.67049
Lane_str_inv	BOBJ1	17.25	Before	Left Exterior Girder	17.25	0.95	1	1	78.070904
Lane_str_inv	BOBJ1	17.25	Before	Interior Girder 1	17.25	0.95	1	1	32.335786
Lane_str_inv	BOBJ1	17.25	Before	Interior Girder 2	17.25	0.95	1	1	35.498961
Lane_str_inv	BOBJ1	17.25	Before	Interior Girder 3	17.25	0.95	1	1	35.114983
Lane_str_inv	BOBJ1	17.25	Before	Interior Girder 4	17.25	0.95	1	1	34.449367

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Main Span Stringers									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Lane_str_inv	BOBJ1	17.25	Before	Interior Girder 5	17.25	0.95	1	1	32.388594
Lane_str_inv	BOBJ1	17.25	Before	Right Exterior Girder	17.25	0.95	1	1	78.070901
Lane_str_inv	BOBJ1	17.25	After	Left Exterior Girder	17.25	0.95	1	1	62.102739
Lane_str_inv	BOBJ1	17.25	After	Interior Girder 1	17.25	0.95	1	1	25.938278
Lane_str_inv	BOBJ1	17.25	After	Interior Girder 2	17.25	0.95	1	1	28.601094
Lane_str_inv	BOBJ1	17.25	After	Interior Girder 3	17.25	0.95	1	1	28.306755
Lane_str_inv	BOBJ1	17.25	After	Interior Girder 4	17.25	0.95	1	1	27.788508
Lane_str_inv	BOBJ1	17.25	After	Interior Girder 5	17.25	0.95	1	1	26.008331
Lane_str_inv	BOBJ1	17.25	After	Right Exterior Girder	17.25	0.95	1	1	62.102737
Lane_str_inv	BOBJ1	19.1667	Before	Left Exterior Girder	19.1667	0.95	1	1	61.624536
Lane_str_inv	BOBJ1	19.1667	Before	Interior Girder 1	19.1667	0.95	1	1	25.640206
Lane_str_inv	BOBJ1	19.1667	Before	Interior Girder 2	19.1667	0.95	1	1	28.272366
Lane_str_inv	BOBJ1	19.1667	Before	Interior Girder 3	19.1667	0.95	1	1	27.981337
Lane_str_inv	BOBJ1	19.1667	Before	Interior Girder 4	19.1667	0.95	1	1	27.469119
Lane_str_inv	BOBJ1	19.1667	Before	Interior Girder 5	19.1667	0.95	1	1	25.709454
Lane_str_inv	BOBJ1	19.1667	Before	Right Exterior Girder	19.1667	0.95	1	1	61.624534
Lane_str_inv	BOBJ1	19.1667	After	Left Exterior Girder	19.1667	0.95	1	1	50.59999
Lane_str_inv	BOBJ1	19.1667	After	Interior Girder 1	19.1667	0.95	1	1	20.890895
Lane_str_inv	BOBJ1	19.1667	After	Interior Girder 2	19.1667	0.95	1	1	23.104715
Lane_str_inv	BOBJ1	19.1667	After	Interior Girder 3	19.1667	0.95	1	1	22.880149
Lane_str_inv	BOBJ1	19.1667	After	Interior Girder 4	19.1667	0.95	1	1	22.451163
Lane_str_inv	BOBJ1	19.1667	After	Interior Girder 5	19.1667	0.95	1	1	20.966944
Lane_str_inv	BOBJ1	19.1667	After	Right Exterior Girder	19.1667	0.95	1	1	50.599988
Lane_str_inv	BOBJ1	21.0833	Before	Left Exterior Girder	21.0833	0.95	1	1	50.206297
Lane_str_inv	BOBJ1	21.0833	Before	Interior Girder 1	21.0833	0.95	1	1	20.646932
Lane_str_inv	BOBJ1	21.0833	Before	Interior Girder 2	21.0833	0.95	1	1	22.834866
Lane_str_inv	BOBJ1	21.0833	Before	Interior Girder 3	21.0833	0.95	1	1	22.612823
Lane_str_inv	BOBJ1	21.0833	Before	Interior Girder 4	21.0833	0.95	1	1	22.188948
Lane_str_inv	BOBJ1	21.0833	Before	Interior Girder 5	21.0833	0.95	1	1	20.722093
Lane_str_inv	BOBJ1	21.0833	Before	Right Exterior Girder	21.0833	0.95	1	1	50.206295
Lane_str_inv	BOBJ1	21.0833	After	Left Exterior Girder	21.0833	0.95	1	1	42.235384
Lane_str_inv	BOBJ1	21.0833	After	Interior Girder 1	21.0833	0.95	1	1	16.977748
Lane_str_inv	BOBJ1	21.0833	After	Interior Girder 2	21.0833	0.95	1	1	18.82211
Lane_str_inv	BOBJ1	21.0833	After	Interior Girder 3	21.0833	0.95	1	1	18.633266
Lane_str_inv	BOBJ1	21.0833	After	Interior Girder 4	21.0833	0.95	1	1	18.273785
Lane_str_inv	BOBJ1	21.0833	After	Interior Girder 5	21.0833	0.95	1	1	17.043067
Lane_str_inv	BOBJ1	21.0833	After	Right Exterior Girder	21.0833	0.95	1	1	42.235383
Lane_str_inv	BOBJ1	23	Before	Left Exterior Girder	23	0.95	1	1	41.903447
Lane_str_inv	BOBJ1	23	Before	Interior Girder 1	23	0.95	1	1	16.776072
Lane_str_inv	BOBJ1	23	Before	Interior Girder 2	23	0.95	1	1	18.598712
Lane_str_inv	BOBJ1	23	Before	Interior Girder 3	23	0.95	1	1	18.411983
Lane_str_inv	BOBJ1	23	Before	Interior Girder 4	23	0.95	1	1	18.056895
Lane_str_inv	BOBJ1	23	Before	Interior Girder 5	23	0.95	1	1	16.840615
Lane_str_inv	BOBJ1	23	Before	Right Exterior Girder	23	0.95	1	1	41.903446
SU4_str	BOBJ1	0	After	Left Exterior Girder	0	0.95	1	1	4.815165
SU4_str	BOBJ1	0	After	Interior Girder 1	0	0.95	1	1	2.486856
SU4_str	BOBJ1	0	After	Interior Girder 2	0	0.95	1	1	2.733718
SU4_str	BOBJ1	0	After	Interior Girder 3	0	0.95	1	1	2.711274
SU4_str	BOBJ1	0	After	Interior Girder 4	0	0.95	1	1	2.725673
SU4_str	BOBJ1	0	After	Interior Girder 5	0	0.95	1	1	2.509348
SU4_str	BOBJ1	0	After	Right Exterior Girder	0	0.95	1	1	4.815165
SU4_str	BOBJ1	1.9167	Before	Left Exterior Girder	1.9167	0.95	1	1	4.853316
SU4_str	BOBJ1	1.9167	Before	Interior Girder 1	1.9167	0.95	1	1	2.516723
SU4_str	BOBJ1	1.9167	Before	Interior Girder 2	1.9167	0.95	1	1	2.76655
SU4_str	BOBJ1	1.9167	Before	Interior Girder 3	1.9167	0.95	1	1	2.743854
SU4_str	BOBJ1	1.9167	Before	Interior Girder 4	1.9167	0.95	1	1	2.758408
SU4_str	BOBJ1	1.9167	Before	Interior Girder 5	1.9167	0.95	1	1	2.539485
SU4_str	BOBJ1	1.9167	Before	Right Exterior Girder	1.9167	0.95	1	1	4.853316
SU4_str	BOBJ1	1.9167	After	Left Exterior Girder	1.9167	0.95	1	1	5.586816
SU4_str	BOBJ1	1.9167	After	Interior Girder 1	1.9167	0.95	1	1	2.955135
SU4_str	BOBJ1	1.9167	After	Interior Girder 2	1.9167	0.95	1	1	3.230951
SU4_str	BOBJ1	1.9167	After	Interior Girder 3	1.9167	0.95	1	1	3.205874
SU4_str	BOBJ1	1.9167	After	Interior Girder 4	1.9167	0.95	1	1	3.221556
SU4_str	BOBJ1	1.9167	After	Interior Girder 5	1.9167	0.95	1	1	2.980017
SU4_str	BOBJ1	1.9167	After	Right Exterior Girder	1.9167	0.95	1	1	5.586816

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Main Span Stringers									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
SU4_str	BOBJ1	3.8333	Before	Left Exterior Girder	3.8333	0.95	1	1	5.63062
SU4_str	BOBJ1	3.8333	Before	Interior Girder 1	3.8333	0.95	1	1	2.990038
SU4_str	BOBJ1	3.8333	Before	Interior Girder 2	3.8333	0.95	1	1	3.269122
SU4_str	BOBJ1	3.8333	Before	Interior Girder 3	3.8333	0.95	1	1	3.243762
SU4_str	BOBJ1	3.8333	Before	Interior Girder 4	3.8333	0.95	1	1	3.259616
SU4_str	BOBJ1	3.8333	Before	Interior Girder 5	3.8333	0.95	1	1	3.015214
SU4_str	BOBJ1	3.8333	Before	Right Exterior Girder	3.8333	0.95	1	1	5.630619
SU4_str	BOBJ1	3.8333	After	Left Exterior Girder	3.8333	0.95	1	1	6.535901
SU4_str	BOBJ1	3.8333	After	Interior Girder 1	3.8333	0.95	1	1	3.513383
SU4_str	BOBJ1	3.8333	After	Interior Girder 2	3.8333	0.95	1	1	3.830501
SU4_str	BOBJ1	3.8333	After	Interior Girder 3	3.8333	0.95	1	1	3.801203
SU4_str	BOBJ1	3.8333	After	Interior Girder 4	3.8333	0.95	1	1	3.820465
SU4_str	BOBJ1	3.8333	After	Interior Girder 5	3.8333	0.95	1	1	3.54283
SU4_str	BOBJ1	3.8333	After	Right Exterior Girder	3.8333	0.95	1	1	6.535901
SU4_str	BOBJ1	5.75	Before	Left Exterior Girder	5.75	0.95	1	1	6.586613
SU4_str	BOBJ1	5.75	Before	Interior Girder 1	5.75	0.95	1	1	3.554208
SU4_str	BOBJ1	5.75	Before	Interior Girder 2	5.75	0.95	1	1	3.875027
SU4_str	BOBJ1	5.75	Before	Interior Girder 3	5.75	0.95	1	1	3.845399
SU4_str	BOBJ1	5.75	Before	Interior Girder 4	5.75	0.95	1	1	3.864875
SU4_str	BOBJ1	5.75	Before	Interior Girder 5	5.75	0.95	1	1	3.583997
SU4_str	BOBJ1	5.75	Before	Right Exterior Girder	5.75	0.95	1	1	6.586613
SU4_str	BOBJ1	5.75	After	Left Exterior Girder	5.75	0.95	1	1	7.638324
SU4_str	BOBJ1	5.75	After	Interior Girder 1	5.75	0.95	1	1	4.124991
SU4_str	BOBJ1	5.75	After	Interior Girder 2	5.75	0.95	1	1	4.510871
SU4_str	BOBJ1	5.75	After	Interior Girder 3	5.75	0.95	1	1	4.480883
SU4_str	BOBJ1	5.75	After	Interior Girder 4	5.75	0.95	1	1	4.500421
SU4_str	BOBJ1	5.75	After	Interior Girder 5	5.75	0.95	1	1	4.16106
SU4_str	BOBJ1	5.75	After	Right Exterior Girder	5.75	0.95	1	1	7.638324
SU4_str	BOBJ1	7.6667	Before	Left Exterior Girder	7.6667	0.95	1	1	7.696979
SU4_str	BOBJ1	7.6667	Before	Interior Girder 1	7.6667	0.95	1	1	4.172162
SU4_str	BOBJ1	7.6667	Before	Interior Girder 2	7.6667	0.95	1	1	4.562475
SU4_str	BOBJ1	7.6667	Before	Interior Girder 3	7.6667	0.95	1	1	4.53215
SU4_str	BOBJ1	7.6667	Before	Interior Girder 4	7.6667	0.95	1	1	4.551905
SU4_str	BOBJ1	7.6667	Before	Interior Girder 5	7.6667	0.95	1	1	4.208644
SU4_str	BOBJ1	7.6667	Before	Right Exterior Girder	7.6667	0.95	1	1	7.696979
SU4_str	BOBJ1	7.6667	After	Left Exterior Girder	7.6667	0.95	1	1	9.165282
SU4_str	BOBJ1	7.6667	After	Interior Girder 1	7.6667	0.95	1	1	4.908621
SU4_str	BOBJ1	7.6667	After	Interior Girder 2	7.6667	0.95	1	1	5.428359
SU4_str	BOBJ1	7.6667	After	Interior Girder 3	7.6667	0.95	1	1	5.398309
SU4_str	BOBJ1	7.6667	After	Interior Girder 4	7.6667	0.95	1	1	5.417877
SU4_str	BOBJ1	7.6667	After	Interior Girder 5	7.6667	0.95	1	1	4.955832
SU4_str	BOBJ1	7.6667	After	Right Exterior Girder	7.6667	0.95	1	1	9.165282
SU4_str	BOBJ1	9.5833	Before	Left Exterior Girder	9.5833	0.95	1	1	9.23494
SU4_str	BOBJ1	9.5833	Before	Interior Girder 1	9.5833	0.95	1	1	4.963882
SU4_str	BOBJ1	9.5833	Before	Interior Girder 2	9.5833	0.95	1	1	5.489488
SU4_str	BOBJ1	9.5833	Before	Interior Girder 3	9.5833	0.95	1	1	5.459104
SU4_str	BOBJ1	9.5833	Before	Interior Girder 4	9.5833	0.95	1	1	5.478888
SU4_str	BOBJ1	9.5833	Before	Interior Girder 5	9.5833	0.95	1	1	5.011624
SU4_str	BOBJ1	9.5833	Before	Right Exterior Girder	9.5833	0.95	1	1	9.23494
SU4_str	BOBJ1	9.5833	After	Left Exterior Girder	9.5833	0.95	1	1	11.40782
SU4_str	BOBJ1	9.5833	After	Interior Girder 1	9.5833	0.95	1	1	5.989755
SU4_str	BOBJ1	9.5833	After	Interior Girder 2	9.5833	0.95	1	1	6.680145
SU4_str	BOBJ1	9.5833	After	Interior Girder 3	9.5833	0.95	1	1	6.692524
SU4_str	BOBJ1	9.5833	After	Interior Girder 4	9.5833	0.95	1	1	6.667603
SU4_str	BOBJ1	9.5833	After	Interior Girder 5	9.5833	0.95	1	1	6.055536
SU4_str	BOBJ1	9.5833	After	Right Exterior Girder	9.5833	0.95	1	1	11.40782
SU4_str	BOBJ1	11.5	Before	Left Exterior Girder	11.5	0.95	1	1	11.493637
SU4_str	BOBJ1	11.5	Before	Interior Girder 1	11.5	0.95	1	1	6.056158
SU4_str	BOBJ1	11.5	Before	Interior Girder 2	11.5	0.95	1	1	6.754213
SU4_str	BOBJ1	11.5	Before	Interior Girder 3	11.5	0.95	1	1	6.76673
SU4_str	BOBJ1	11.5	Before	Interior Girder 4	11.5	0.95	1	1	6.741532
SU4_str	BOBJ1	11.5	Before	Interior Girder 5	11.5	0.95	1	1	6.122668
SU4_str	BOBJ1	11.5	Before	Right Exterior Girder	11.5	0.95	1	1	11.493638
SU4_str	BOBJ1	11.5	After	Left Exterior Girder	11.5	0.95	1	1	11.49202
SU4_str	BOBJ1	11.5	After	Interior Girder 1	11.5	0.95	1	1	6.053823

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Main Span Stringers									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
SU4_str	BOBJ1	11.5	After	Interior Girder 2	11.5	0.95	1	1	6.752452
SU4_str	BOBJ1	11.5	After	Interior Girder 3	11.5	0.95	1	1	6.764976
SU4_str	BOBJ1	11.5	After	Interior Girder 4	11.5	0.95	1	1	6.739775
SU4_str	BOBJ1	11.5	After	Interior Girder 5	11.5	0.95	1	1	6.120307
SU4_str	BOBJ1	11.5	After	Right Exterior Girder	11.5	0.95	1	1	11.492019
SU4_str	BOBJ1	13.4167	Before	Left Exterior Girder	13.4167	0.95	1	1	11.406202
SU4_str	BOBJ1	13.4167	Before	Interior Girder 1	13.4167	0.95	1	1	5.98742
SU4_str	BOBJ1	13.4167	Before	Interior Girder 2	13.4167	0.95	1	1	6.678385
SU4_str	BOBJ1	13.4167	Before	Interior Girder 3	13.4167	0.95	1	1	6.69077
SU4_str	BOBJ1	13.4167	Before	Interior Girder 4	13.4167	0.95	1	1	6.665847
SU4_str	BOBJ1	13.4167	Before	Interior Girder 5	13.4167	0.95	1	1	6.053175
SU4_str	BOBJ1	13.4167	Before	Right Exterior Girder	13.4167	0.95	1	1	11.406202
SU4_str	BOBJ1	13.4167	After	Left Exterior Girder	13.4167	0.95	1	1	9.233668
SU4_str	BOBJ1	13.4167	After	Interior Girder 1	13.4167	0.95	1	1	4.961903
SU4_str	BOBJ1	13.4167	After	Interior Girder 2	13.4167	0.95	1	1	5.488048
SU4_str	BOBJ1	13.4167	After	Interior Girder 3	13.4167	0.95	1	1	5.457668
SU4_str	BOBJ1	13.4167	After	Interior Girder 4	13.4167	0.95	1	1	5.477451
SU4_str	BOBJ1	13.4167	After	Interior Girder 5	13.4167	0.95	1	1	5.009627
SU4_str	BOBJ1	13.4167	After	Right Exterior Girder	13.4167	0.95	1	1	9.233668
SU4_str	BOBJ1	15.3333	Before	Left Exterior Girder	15.3333	0.95	1	1	9.16401
SU4_str	BOBJ1	15.3333	Before	Interior Girder 1	15.3333	0.95	1	1	4.906643
SU4_str	BOBJ1	15.3333	Before	Interior Girder 2	15.3333	0.95	1	1	5.426919
SU4_str	BOBJ1	15.3333	Before	Interior Girder 3	15.3333	0.95	1	1	5.396874
SU4_str	BOBJ1	15.3333	Before	Interior Girder 4	15.3333	0.95	1	1	5.41644
SU4_str	BOBJ1	15.3333	Before	Interior Girder 5	15.3333	0.95	1	1	4.953835
SU4_str	BOBJ1	15.3333	Before	Right Exterior Girder	15.3333	0.95	1	1	9.16401
SU4_str	BOBJ1	15.3333	After	Left Exterior Girder	15.3333	0.95	1	1	7.695971
SU4_str	BOBJ1	15.3333	After	Interior Girder 1	15.3333	0.95	1	1	4.170423
SU4_str	BOBJ1	15.3333	After	Interior Girder 2	15.3333	0.95	1	1	4.561277
SU4_str	BOBJ1	15.3333	After	Interior Girder 3	15.3333	0.95	1	1	4.530939
SU4_str	BOBJ1	15.3333	After	Interior Girder 4	15.3333	0.95	1	1	4.55071
SU4_str	BOBJ1	15.3333	After	Interior Girder 5	15.3333	0.95	1	1	4.206889
SU4_str	BOBJ1	15.3333	After	Right Exterior Girder	15.3333	0.95	1	1	7.695971
SU4_str	BOBJ1	17.25	Before	Left Exterior Girder	17.25	0.95	1	1	7.637316
SU4_str	BOBJ1	17.25	Before	Interior Girder 1	17.25	0.95	1	1	4.123252
SU4_str	BOBJ1	17.25	Before	Interior Girder 2	17.25	0.95	1	1	4.509674
SU4_str	BOBJ1	17.25	Before	Interior Girder 3	17.25	0.95	1	1	4.479672
SU4_str	BOBJ1	17.25	Before	Interior Girder 4	17.25	0.95	1	1	4.499226
SU4_str	BOBJ1	17.25	Before	Interior Girder 5	17.25	0.95	1	1	4.159306
SU4_str	BOBJ1	17.25	Before	Right Exterior Girder	17.25	0.95	1	1	7.637316
SU4_str	BOBJ1	17.25	After	Left Exterior Girder	17.25	0.95	1	1	6.585769
SU4_str	BOBJ1	17.25	After	Interior Girder 1	17.25	0.95	1	1	3.552576
SU4_str	BOBJ1	17.25	After	Interior Girder 2	17.25	0.95	1	1	3.874033
SU4_str	BOBJ1	17.25	After	Interior Girder 3	17.25	0.95	1	1	3.844377
SU4_str	BOBJ1	17.25	After	Interior Girder 4	17.25	0.95	1	1	3.863883
SU4_str	BOBJ1	17.25	After	Interior Girder 5	17.25	0.95	1	1	3.582351
SU4_str	BOBJ1	17.25	After	Right Exterior Girder	17.25	0.95	1	1	6.585769
SU4_str	BOBJ1	19.1667	Before	Left Exterior Girder	19.1667	0.95	1	1	6.535058
SU4_str	BOBJ1	19.1667	Before	Interior Girder 1	19.1667	0.95	1	1	3.511751
SU4_str	BOBJ1	19.1667	Before	Interior Girder 2	19.1667	0.95	1	1	3.829507
SU4_str	BOBJ1	19.1667	Before	Interior Girder 3	19.1667	0.95	1	1	3.800182
SU4_str	BOBJ1	19.1667	Before	Interior Girder 4	19.1667	0.95	1	1	3.819473
SU4_str	BOBJ1	19.1667	Before	Interior Girder 5	19.1667	0.95	1	1	3.541184
SU4_str	BOBJ1	19.1667	Before	Right Exterior Girder	19.1667	0.95	1	1	6.535057
SU4_str	BOBJ1	19.1667	After	Left Exterior Girder	19.1667	0.95	1	1	5.629815
SU4_str	BOBJ1	19.1667	After	Interior Girder 1	19.1667	0.95	1	1	2.988769
SU4_str	BOBJ1	19.1667	After	Interior Girder 2	19.1667	0.95	1	1	3.26822
SU4_str	BOBJ1	19.1667	After	Interior Girder 3	19.1667	0.95	1	1	3.242819
SU4_str	BOBJ1	19.1667	After	Interior Girder 4	19.1667	0.95	1	1	3.258717
SU4_str	BOBJ1	19.1667	After	Interior Girder 5	19.1667	0.95	1	1	3.013935
SU4_str	BOBJ1	19.1667	After	Right Exterior Girder	19.1667	0.95	1	1	5.629815
SU4_str	BOBJ1	21.0833	Before	Left Exterior Girder	21.0833	0.95	1	1	5.586013
SU4_str	BOBJ1	21.0833	Before	Interior Girder 1	21.0833	0.95	1	1	2.953867
SU4_str	BOBJ1	21.0833	Before	Interior Girder 2	21.0833	0.95	1	1	3.23005
SU4_str	BOBJ1	21.0833	Before	Interior Girder 3	21.0833	0.95	1	1	3.204931

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Main Span Stringers									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
SU4_str	BOBJ1	21.0833	Before	Interior Girder 4	21.0833	0.95	1	1	3.220657
SU4_str	BOBJ1	21.0833	Before	Interior Girder 5	21.0833	0.95	1	1	2.978738
SU4_str	BOBJ1	21.0833	Before	Right Exterior Girder	21.0833	0.95	1	1	5.586012
SU4_str	BOBJ1	21.0833	After	Left Exterior Girder	21.0833	0.95	1	1	4.854259
SU4_str	BOBJ1	21.0833	After	Interior Girder 1	21.0833	0.95	1	1	2.514237
SU4_str	BOBJ1	21.0833	After	Interior Girder 2	21.0833	0.95	1	1	2.766177
SU4_str	BOBJ1	21.0833	After	Interior Girder 3	21.0833	0.95	1	1	2.743472
SU4_str	BOBJ1	21.0833	After	Interior Girder 4	21.0833	0.95	1	1	2.758037
SU4_str	BOBJ1	21.0833	After	Interior Girder 5	21.0833	0.95	1	1	2.536977
SU4_str	BOBJ1	21.0833	After	Right Exterior Girder	21.0833	0.95	1	1	4.854259
SU4_str	BOBJ1	23	Before	Left Exterior Girder	23	0.95	1	1	4.816108
SU4_str	BOBJ1	23	Before	Interior Girder 1	23	0.95	1	1	2.484371
SU4_str	BOBJ1	23	Before	Interior Girder 2	23	0.95	1	1	2.733345
SU4_str	BOBJ1	23	Before	Interior Girder 3	23	0.95	1	1	2.710891
SU4_str	BOBJ1	23	Before	Interior Girder 4	23	0.95	1	1	2.725302
SU4_str	BOBJ1	23	Before	Interior Girder 5	23	0.95	1	1	2.50684
SU4_str	BOBJ1	23	Before	Right Exterior Girder	23	0.95	1	1	4.816108
SU5_str	BOBJ1	0	After	Left Exterior Girder	0	0.95	1	1	4.60532
SU5_str	BOBJ1	0	After	Interior Girder 1	0	0.95	1	1	2.385379
SU5_str	BOBJ1	0	After	Interior Girder 2	0	0.95	1	1	2.617702
SU5_str	BOBJ1	0	After	Interior Girder 3	0	0.95	1	1	2.595724
SU5_str	BOBJ1	0	After	Interior Girder 4	0	0.95	1	1	2.609874
SU5_str	BOBJ1	0	After	Interior Girder 5	0	0.95	1	1	2.406613
SU5_str	BOBJ1	0	After	Right Exterior Girder	0	0.95	1	1	4.60532
SU5_str	BOBJ1	1.9167	Before	Left Exterior Girder	1.9167	0.95	1	1	4.641809
SU5_str	BOBJ1	1.9167	Before	Interior Girder 1	1.9167	0.95	1	1	2.414027
SU5_str	BOBJ1	1.9167	Before	Interior Girder 2	1.9167	0.95	1	1	2.64914
SU5_str	BOBJ1	1.9167	Before	Interior Girder 3	1.9167	0.95	1	1	2.626916
SU5_str	BOBJ1	1.9167	Before	Interior Girder 4	1.9167	0.95	1	1	2.641219
SU5_str	BOBJ1	1.9167	Before	Interior Girder 5	1.9167	0.95	1	1	2.435515
SU5_str	BOBJ1	1.9167	Before	Right Exterior Girder	1.9167	0.95	1	1	4.641808
SU5_str	BOBJ1	1.9167	After	Left Exterior Girder	1.9167	0.95	1	1	5.252159
SU5_str	BOBJ1	1.9167	After	Interior Girder 1	1.9167	0.95	1	1	2.794056
SU5_str	BOBJ1	1.9167	After	Interior Girder 2	1.9167	0.95	1	1	3.044746
SU5_str	BOBJ1	1.9167	After	Interior Girder 3	1.9167	0.95	1	1	3.020611
SU5_str	BOBJ1	1.9167	After	Interior Girder 4	1.9167	0.95	1	1	3.035809
SU5_str	BOBJ1	1.9167	After	Interior Girder 5	1.9167	0.95	1	1	2.817063
SU5_str	BOBJ1	1.9167	After	Right Exterior Girder	1.9167	0.95	1	1	5.252158
SU5_str	BOBJ1	3.8333	Before	Left Exterior Girder	3.8333	0.95	1	1	5.293338
SU5_str	BOBJ1	3.8333	Before	Interior Girder 1	3.8333	0.95	1	1	2.827056
SU5_str	BOBJ1	3.8333	Before	Interior Girder 2	3.8333	0.95	1	1	3.080717
SU5_str	BOBJ1	3.8333	Before	Interior Girder 3	3.8333	0.95	1	1	3.056309
SU5_str	BOBJ1	3.8333	Before	Interior Girder 4	3.8333	0.95	1	1	3.071675
SU5_str	BOBJ1	3.8333	Before	Interior Girder 5	3.8333	0.95	1	1	2.850335
SU5_str	BOBJ1	3.8333	Before	Right Exterior Girder	3.8333	0.95	1	1	5.293338
SU5_str	BOBJ1	3.8333	After	Left Exterior Girder	3.8333	0.95	1	1	6.102201
SU5_str	BOBJ1	3.8333	After	Interior Girder 1	3.8333	0.95	1	1	3.292645
SU5_str	BOBJ1	3.8333	After	Interior Girder 2	3.8333	0.95	1	1	3.578101
SU5_str	BOBJ1	3.8333	After	Interior Girder 3	3.8333	0.95	1	1	3.5495
SU5_str	BOBJ1	3.8333	After	Interior Girder 4	3.8333	0.95	1	1	3.568274
SU5_str	BOBJ1	3.8333	After	Interior Girder 5	3.8333	0.95	1	1	3.319358
SU5_str	BOBJ1	3.8333	After	Right Exterior Girder	3.8333	0.95	1	1	6.102201
SU5_str	BOBJ1	5.75	Before	Left Exterior Girder	5.75	0.95	1	1	6.149548
SU5_str	BOBJ1	5.75	Before	Interior Girder 1	5.75	0.95	1	1	3.330905
SU5_str	BOBJ1	5.75	Before	Interior Girder 2	5.75	0.95	1	1	3.619693
SU5_str	BOBJ1	5.75	Before	Interior Girder 3	5.75	0.95	1	1	3.590769
SU5_str	BOBJ1	5.75	Before	Interior Girder 4	5.75	0.95	1	1	3.609752
SU5_str	BOBJ1	5.75	Before	Interior Girder 5	5.75	0.95	1	1	3.357928
SU5_str	BOBJ1	5.75	Before	Right Exterior Girder	5.75	0.95	1	1	6.149548
SU5_str	BOBJ1	5.75	After	Left Exterior Girder	5.75	0.95	1	1	7.26171
SU5_str	BOBJ1	5.75	After	Interior Girder 1	5.75	0.95	1	1	3.925974
SU5_str	BOBJ1	5.75	After	Interior Girder 2	5.75	0.95	1	1	4.285596
SU5_str	BOBJ1	5.75	After	Interior Girder 3	5.75	0.95	1	1	4.255504
SU5_str	BOBJ1	5.75	After	Interior Girder 4	5.75	0.95	1	1	4.275098
SU5_str	BOBJ1	5.75	After	Interior Girder 5	5.75	0.95	1	1	3.959592

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Main Span Stringers									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
SU5_str	BOBJ1	5.75	After	Right Exterior Girder	5.75	0.95	1	1	7.26171
SU5_str	BOBJ1	7.6667	Before	Left Exterior Girder	7.6667	0.95	1	1	7.317473
SU5_str	BOBJ1	7.6667	Before	Interior Girder 1	7.6667	0.95	1	1	3.97087
SU5_str	BOBJ1	7.6667	Before	Interior Girder 2	7.6667	0.95	1	1	4.334623
SU5_str	BOBJ1	7.6667	Before	Interior Girder 3	7.6667	0.95	1	1	4.304192
SU5_str	BOBJ1	7.6667	Before	Interior Girder 4	7.6667	0.95	1	1	4.324005
SU5_str	BOBJ1	7.6667	Before	Interior Girder 5	7.6667	0.95	1	1	4.004872
SU5_str	BOBJ1	7.6667	Before	Right Exterior Girder	7.6667	0.95	1	1	7.317473
SU5_str	BOBJ1	7.6667	After	Left Exterior Girder	7.6667	0.95	1	1	8.934415
SU5_str	BOBJ1	7.6667	After	Interior Girder 1	7.6667	0.95	1	1	4.778164
SU5_str	BOBJ1	7.6667	After	Interior Girder 2	7.6667	0.95	1	1	5.281272
SU5_str	BOBJ1	7.6667	After	Interior Girder 3	7.6667	0.95	1	1	5.250354
SU5_str	BOBJ1	7.6667	After	Interior Girder 4	7.6667	0.95	1	1	5.270318
SU5_str	BOBJ1	7.6667	After	Interior Girder 5	7.6667	0.95	1	1	4.823489
SU5_str	BOBJ1	7.6667	After	Right Exterior Girder	7.6667	0.95	1	1	8.934414
SU5_str	BOBJ1	9.5833	Before	Left Exterior Girder	9.5833	0.95	1	1	9.002318
SU5_str	BOBJ1	9.5833	Before	Interior Girder 1	9.5833	0.95	1	1	4.831956
SU5_str	BOBJ1	9.5833	Before	Interior Girder 2	9.5833	0.95	1	1	5.340745
SU5_str	BOBJ1	9.5833	Before	Interior Girder 3	9.5833	0.95	1	1	5.309482
SU5_str	BOBJ1	9.5833	Before	Interior Girder 4	9.5833	0.95	1	1	5.329667
SU5_str	BOBJ1	9.5833	Before	Interior Girder 5	9.5833	0.95	1	1	4.877791
SU5_str	BOBJ1	9.5833	Before	Right Exterior Girder	9.5833	0.95	1	1	9.002318
SU5_str	BOBJ1	9.5833	After	Left Exterior Girder	9.5833	0.95	1	1	11.40782
SU5_str	BOBJ1	9.5833	After	Interior Girder 1	9.5833	0.95	1	1	5.989755
SU5_str	BOBJ1	9.5833	After	Interior Girder 2	9.5833	0.95	1	1	6.680145
SU5_str	BOBJ1	9.5833	After	Interior Girder 3	9.5833	0.95	1	1	6.692524
SU5_str	BOBJ1	9.5833	After	Interior Girder 4	9.5833	0.95	1	1	6.667603
SU5_str	BOBJ1	9.5833	After	Interior Girder 5	9.5833	0.95	1	1	6.055536
SU5_str	BOBJ1	9.5833	After	Right Exterior Girder	9.5833	0.95	1	1	11.40782
SU5_str	BOBJ1	11.5	Before	Left Exterior Girder	11.5	0.95	1	1	11.493637
SU5_str	BOBJ1	11.5	Before	Interior Girder 1	11.5	0.95	1	1	6.056158
SU5_str	BOBJ1	11.5	Before	Interior Girder 2	11.5	0.95	1	1	6.754213
SU5_str	BOBJ1	11.5	Before	Interior Girder 3	11.5	0.95	1	1	6.76673
SU5_str	BOBJ1	11.5	Before	Interior Girder 4	11.5	0.95	1	1	6.741532
SU5_str	BOBJ1	11.5	Before	Interior Girder 5	11.5	0.95	1	1	6.122668
SU5_str	BOBJ1	11.5	Before	Right Exterior Girder	11.5	0.95	1	1	11.493638
SU5_str	BOBJ1	11.5	After	Left Exterior Girder	11.5	0.95	1	1	11.49202
SU5_str	BOBJ1	11.5	After	Interior Girder 1	11.5	0.95	1	1	6.053823
SU5_str	BOBJ1	11.5	After	Interior Girder 2	11.5	0.95	1	1	6.752452
SU5_str	BOBJ1	11.5	After	Interior Girder 3	11.5	0.95	1	1	6.764976
SU5_str	BOBJ1	11.5	After	Interior Girder 4	11.5	0.95	1	1	6.739775
SU5_str	BOBJ1	11.5	After	Interior Girder 5	11.5	0.95	1	1	6.120307
SU5_str	BOBJ1	11.5	After	Right Exterior Girder	11.5	0.95	1	1	11.492019
SU5_str	BOBJ1	13.4167	Before	Left Exterior Girder	13.4167	0.95	1	1	11.406202
SU5_str	BOBJ1	13.4167	Before	Interior Girder 1	13.4167	0.95	1	1	5.98742
SU5_str	BOBJ1	13.4167	Before	Interior Girder 2	13.4167	0.95	1	1	6.678385
SU5_str	BOBJ1	13.4167	Before	Interior Girder 3	13.4167	0.95	1	1	6.69077
SU5_str	BOBJ1	13.4167	Before	Interior Girder 4	13.4167	0.95	1	1	6.665847
SU5_str	BOBJ1	13.4167	Before	Interior Girder 5	13.4167	0.95	1	1	6.053175
SU5_str	BOBJ1	13.4167	Before	Right Exterior Girder	13.4167	0.95	1	1	11.406202
SU5_str	BOBJ1	13.4167	After	Left Exterior Girder	13.4167	0.95	1	1	9.001078
SU5_str	BOBJ1	13.4167	After	Interior Girder 1	13.4167	0.95	1	1	4.83003
SU5_str	BOBJ1	13.4167	After	Interior Girder 2	13.4167	0.95	1	1	5.339344
SU5_str	BOBJ1	13.4167	After	Interior Girder 3	13.4167	0.95	1	1	5.308086
SU5_str	BOBJ1	13.4167	After	Interior Girder 4	13.4167	0.95	1	1	5.32827
SU5_str	BOBJ1	13.4167	After	Interior Girder 5	13.4167	0.95	1	1	4.875847
SU5_str	BOBJ1	13.4167	After	Right Exterior Girder	13.4167	0.95	1	1	9.001078
SU5_str	BOBJ1	15.3333	Before	Left Exterior Girder	15.3333	0.95	1	1	8.933175
SU5_str	BOBJ1	15.3333	Before	Interior Girder 1	15.3333	0.95	1	1	4.776238
SU5_str	BOBJ1	15.3333	Before	Interior Girder 2	15.3333	0.95	1	1	5.279871
SU5_str	BOBJ1	15.3333	Before	Interior Girder 3	15.3333	0.95	1	1	5.248958
SU5_str	BOBJ1	15.3333	Before	Interior Girder 4	15.3333	0.95	1	1	5.26892
SU5_str	BOBJ1	15.3333	Before	Interior Girder 5	15.3333	0.95	1	1	4.821545
SU5_str	BOBJ1	15.3333	Before	Right Exterior Girder	15.3333	0.95	1	1	8.933174
SU5_str	BOBJ1	15.3333	After	Left Exterior Girder	15.3333	0.95	1	1	7.316515

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Main Span Stringers									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
SU5_str	BOBJ1	15.3333	After	Interior Girder 1	15.3333	0.95	1	1	3.969214
SU5_str	BOBJ1	15.3333	After	Interior Girder 2	15.3333	0.95	1	1	4.333485
SU5_str	BOBJ1	15.3333	After	Interior Girder 3	15.3333	0.95	1	1	4.303042
SU5_str	BOBJ1	15.3333	After	Interior Girder 4	15.3333	0.95	1	1	4.32287
SU5_str	BOBJ1	15.3333	After	Interior Girder 5	15.3333	0.95	1	1	4.003203
SU5_str	BOBJ1	15.3333	After	Right Exterior Girder	15.3333	0.95	1	1	7.316514
SU5_str	BOBJ1	17.25	Before	Left Exterior Girder	17.25	0.95	1	1	7.260752
SU5_str	BOBJ1	17.25	Before	Interior Girder 1	17.25	0.95	1	1	3.924319
SU5_str	BOBJ1	17.25	Before	Interior Girder 2	17.25	0.95	1	1	4.284459
SU5_str	BOBJ1	17.25	Before	Interior Girder 3	17.25	0.95	1	1	4.254354
SU5_str	BOBJ1	17.25	Before	Interior Girder 4	17.25	0.95	1	1	4.273963
SU5_str	BOBJ1	17.25	Before	Interior Girder 5	17.25	0.95	1	1	3.957923
SU5_str	BOBJ1	17.25	Before	Right Exterior Girder	17.25	0.95	1	1	7.260751
SU5_str	BOBJ1	17.25	After	Left Exterior Girder	17.25	0.95	1	1	6.148768
SU5_str	BOBJ1	17.25	After	Interior Girder 1	17.25	0.95	1	1	3.329375
SU5_str	BOBJ1	17.25	After	Interior Girder 2	17.25	0.95	1	1	3.618765
SU5_str	BOBJ1	17.25	After	Interior Girder 3	17.25	0.95	1	1	3.589815
SU5_str	BOBJ1	17.25	After	Interior Girder 4	17.25	0.95	1	1	3.608825
SU5_str	BOBJ1	17.25	After	Interior Girder 5	17.25	0.95	1	1	3.356386
SU5_str	BOBJ1	17.25	After	Right Exterior Girder	17.25	0.95	1	1	6.148768
SU5_str	BOBJ1	19.1667	Before	Left Exterior Girder	19.1667	0.95	1	1	6.101421
SU5_str	BOBJ1	19.1667	Before	Interior Girder 1	19.1667	0.95	1	1	3.291116
SU5_str	BOBJ1	19.1667	Before	Interior Girder 2	19.1667	0.95	1	1	3.577172
SU5_str	BOBJ1	19.1667	Before	Interior Girder 3	19.1667	0.95	1	1	3.548546
SU5_str	BOBJ1	19.1667	Before	Interior Girder 4	19.1667	0.95	1	1	3.567347
SU5_str	BOBJ1	19.1667	Before	Interior Girder 5	19.1667	0.95	1	1	3.317816
SU5_str	BOBJ1	19.1667	Before	Right Exterior Girder	19.1667	0.95	1	1	6.101421
SU5_str	BOBJ1	19.1667	After	Left Exterior Girder	19.1667	0.95	1	1	5.292587
SU5_str	BOBJ1	19.1667	After	Interior Girder 1	19.1667	0.95	1	1	2.825856
SU5_str	BOBJ1	19.1667	After	Interior Girder 2	19.1667	0.95	1	1	3.079867
SU5_str	BOBJ1	19.1667	After	Interior Girder 3	19.1667	0.95	1	1	3.055421
SU5_str	BOBJ1	19.1667	After	Interior Girder 4	19.1667	0.95	1	1	3.070827
SU5_str	BOBJ1	19.1667	After	Interior Girder 5	19.1667	0.95	1	1	2.849125
SU5_str	BOBJ1	19.1667	After	Right Exterior Girder	19.1667	0.95	1	1	5.292587
SU5_str	BOBJ1	21.0833	Before	Left Exterior Girder	21.0833	0.95	1	1	5.251408
SU5_str	BOBJ1	21.0833	Before	Interior Girder 1	21.0833	0.95	1	1	2.792856
SU5_str	BOBJ1	21.0833	Before	Interior Girder 2	21.0833	0.95	1	1	3.043896
SU5_str	BOBJ1	21.0833	Before	Interior Girder 3	21.0833	0.95	1	1	3.019722
SU5_str	BOBJ1	21.0833	Before	Interior Girder 4	21.0833	0.95	1	1	3.034962
SU5_str	BOBJ1	21.0833	Before	Interior Girder 5	21.0833	0.95	1	1	2.815853
SU5_str	BOBJ1	21.0833	Before	Right Exterior Girder	21.0833	0.95	1	1	5.251408
SU5_str	BOBJ1	21.0833	After	Left Exterior Girder	21.0833	0.95	1	1	4.64271
SU5_str	BOBJ1	21.0833	After	Interior Girder 1	21.0833	0.95	1	1	2.411643
SU5_str	BOBJ1	21.0833	After	Interior Girder 2	21.0833	0.95	1	1	2.648784
SU5_str	BOBJ1	21.0833	After	Interior Girder 3	21.0833	0.95	1	1	2.62655
SU5_str	BOBJ1	21.0833	After	Interior Girder 4	21.0833	0.95	1	1	2.640863
SU5_str	BOBJ1	21.0833	After	Interior Girder 5	21.0833	0.95	1	1	2.43311
SU5_str	BOBJ1	21.0833	After	Right Exterior Girder	21.0833	0.95	1	1	4.64271
SU5_str	BOBJ1	23	Before	Left Exterior Girder	23	0.95	1	1	4.606222
SU5_str	BOBJ1	23	Before	Interior Girder 1	23	0.95	1	1	2.382995
SU5_str	BOBJ1	23	Before	Interior Girder 2	23	0.95	1	1	2.617345
SU5_str	BOBJ1	23	Before	Interior Girder 3	23	0.95	1	1	2.595358
SU5_str	BOBJ1	23	Before	Interior Girder 4	23	0.95	1	1	2.609519
SU5_str	BOBJ1	23	Before	Interior Girder 5	23	0.95	1	1	2.404208
SU5_str	BOBJ1	23	Before	Right Exterior Girder	23	0.95	1	1	4.606222
SU6_str	BOBJ1	0	After	Left Exterior Girder	0	0.95	1	1	4.60532
SU6_str	BOBJ1	0	After	Interior Girder 1	0	0.95	1	1	2.385379
SU6_str	BOBJ1	0	After	Interior Girder 2	0	0.95	1	1	2.613063
SU6_str	BOBJ1	0	After	Interior Girder 3	0	0.95	1	1	2.595454
SU6_str	BOBJ1	0	After	Interior Girder 4	0	0.95	1	1	2.605263
SU6_str	BOBJ1	0	After	Interior Girder 5	0	0.95	1	1	2.406613
SU6_str	BOBJ1	0	After	Right Exterior Girder	0	0.95	1	1	4.60532
SU6_str	BOBJ1	1.9167	Before	Left Exterior Girder	1.9167	0.95	1	1	4.641809
SU6_str	BOBJ1	1.9167	Before	Interior Girder 1	1.9167	0.95	1	1	2.414027
SU6_str	BOBJ1	1.9167	Before	Interior Girder 2	1.9167	0.95	1	1	2.644445

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Main Span Stringers									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
SU6_str	BOBJ1	1.9167	Before	Interior Girder 3	1.9167	0.95	1	1	2.626643
SU6_str	BOBJ1	1.9167	Before	Interior Girder 4	1.9167	0.95	1	1	2.636551
SU6_str	BOBJ1	1.9167	Before	Interior Girder 5	1.9167	0.95	1	1	2.435515
SU6_str	BOBJ1	1.9167	Before	Right Exterior Girder	1.9167	0.95	1	1	4.641808
SU6_str	BOBJ1	1.9167	After	Left Exterior Girder	1.9167	0.95	1	1	5.252159
SU6_str	BOBJ1	1.9167	After	Interior Girder 1	1.9167	0.95	1	1	2.794056
SU6_str	BOBJ1	1.9167	After	Interior Girder 2	1.9167	0.95	1	1	3.044746
SU6_str	BOBJ1	1.9167	After	Interior Girder 3	1.9167	0.95	1	1	3.020611
SU6_str	BOBJ1	1.9167	After	Interior Girder 4	1.9167	0.95	1	1	3.035809
SU6_str	BOBJ1	1.9167	After	Interior Girder 5	1.9167	0.95	1	1	2.817063
SU6_str	BOBJ1	1.9167	After	Right Exterior Girder	1.9167	0.95	1	1	5.252158
SU6_str	BOBJ1	3.8333	Before	Left Exterior Girder	3.8333	0.95	1	1	5.293338
SU6_str	BOBJ1	3.8333	Before	Interior Girder 1	3.8333	0.95	1	1	2.827056
SU6_str	BOBJ1	3.8333	Before	Interior Girder 2	3.8333	0.95	1	1	3.080717
SU6_str	BOBJ1	3.8333	Before	Interior Girder 3	3.8333	0.95	1	1	3.056309
SU6_str	BOBJ1	3.8333	Before	Interior Girder 4	3.8333	0.95	1	1	3.071675
SU6_str	BOBJ1	3.8333	Before	Interior Girder 5	3.8333	0.95	1	1	2.850335
SU6_str	BOBJ1	3.8333	Before	Right Exterior Girder	3.8333	0.95	1	1	5.293338
SU6_str	BOBJ1	3.8333	After	Left Exterior Girder	3.8333	0.95	1	1	6.072407
SU6_str	BOBJ1	3.8333	After	Interior Girder 1	3.8333	0.95	1	1	3.289607
SU6_str	BOBJ1	3.8333	After	Interior Girder 2	3.8333	0.95	1	1	3.562679
SU6_str	BOBJ1	3.8333	After	Interior Girder 3	3.8333	0.95	1	1	3.538305
SU6_str	BOBJ1	3.8333	After	Interior Girder 4	3.8333	0.95	1	1	3.552924
SU6_str	BOBJ1	3.8333	After	Interior Girder 5	3.8333	0.95	1	1	3.312283
SU6_str	BOBJ1	3.8333	After	Right Exterior Girder	3.8333	0.95	1	1	6.072407
SU6_str	BOBJ1	5.75	Before	Left Exterior Girder	5.75	0.95	1	1	6.119523
SU6_str	BOBJ1	5.75	Before	Interior Girder 1	5.75	0.95	1	1	3.327831
SU6_str	BOBJ1	5.75	Before	Interior Girder 2	5.75	0.95	1	1	3.604092
SU6_str	BOBJ1	5.75	Before	Interior Girder 3	5.75	0.95	1	1	3.579444
SU6_str	BOBJ1	5.75	Before	Interior Girder 4	5.75	0.95	1	1	3.594224
SU6_str	BOBJ1	5.75	Before	Interior Girder 5	5.75	0.95	1	1	3.350771
SU6_str	BOBJ1	5.75	Before	Right Exterior Girder	5.75	0.95	1	1	6.119523
SU6_str	BOBJ1	5.75	After	Left Exterior Girder	5.75	0.95	1	1	7.202443
SU6_str	BOBJ1	5.75	After	Interior Girder 1	5.75	0.95	1	1	3.918746
SU6_str	BOBJ1	5.75	After	Interior Girder 2	5.75	0.95	1	1	4.252787
SU6_str	BOBJ1	5.75	After	Interior Girder 3	5.75	0.95	1	1	4.229929
SU6_str	BOBJ1	5.75	After	Interior Girder 4	5.75	0.95	1	1	4.242449
SU6_str	BOBJ1	5.75	After	Interior Girder 5	5.75	0.95	1	1	3.944852
SU6_str	BOBJ1	5.75	After	Right Exterior Girder	5.75	0.95	1	1	7.202443
SU6_str	BOBJ1	7.6667	Before	Left Exterior Girder	7.6667	0.95	1	1	7.257751
SU6_str	BOBJ1	7.6667	Before	Interior Girder 1	7.6667	0.95	1	1	3.963558
SU6_str	BOBJ1	7.6667	Before	Interior Girder 2	7.6667	0.95	1	1	4.301438
SU6_str	BOBJ1	7.6667	Before	Interior Girder 3	7.6667	0.95	1	1	4.278325
SU6_str	BOBJ1	7.6667	Before	Interior Girder 4	7.6667	0.95	1	1	4.290982
SU6_str	BOBJ1	7.6667	Before	Interior Girder 5	7.6667	0.95	1	1	3.989964
SU6_str	BOBJ1	7.6667	Before	Right Exterior Girder	7.6667	0.95	1	1	7.257751
SU6_str	BOBJ1	7.6667	After	Left Exterior Girder	7.6667	0.95	1	1	8.855094
SU6_str	BOBJ1	7.6667	After	Interior Girder 1	7.6667	0.95	1	1	4.764467
SU6_str	BOBJ1	7.6667	After	Interior Girder 2	7.6667	0.95	1	1	5.238027
SU6_str	BOBJ1	7.6667	After	Interior Girder 3	7.6667	0.95	1	1	5.213273
SU6_str	BOBJ1	7.6667	After	Interior Girder 4	7.6667	0.95	1	1	5.227251
SU6_str	BOBJ1	7.6667	After	Interior Girder 5	7.6667	0.95	1	1	4.803358
SU6_str	BOBJ1	7.6667	After	Right Exterior Girder	7.6667	0.95	1	1	8.855094
SU6_str	BOBJ1	9.5833	Before	Left Exterior Girder	9.5833	0.95	1	1	8.922395
SU6_str	BOBJ1	9.5833	Before	Interior Girder 1	9.5833	0.95	1	1	4.818105
SU6_str	BOBJ1	9.5833	Before	Interior Girder 2	9.5833	0.95	1	1	5.297013
SU6_str	BOBJ1	9.5833	Before	Interior Girder 3	9.5833	0.95	1	1	5.271984
SU6_str	BOBJ1	9.5833	Before	Interior Girder 4	9.5833	0.95	1	1	5.286116
SU6_str	BOBJ1	9.5833	Before	Interior Girder 5	9.5833	0.95	1	1	4.857434
SU6_str	BOBJ1	9.5833	Before	Right Exterior Girder	9.5833	0.95	1	1	8.922395
SU6_str	BOBJ1	9.5833	After	Left Exterior Girder	9.5833	0.95	1	1	11.284545
SU6_str	BOBJ1	9.5833	After	Interior Girder 1	9.5833	0.95	1	1	5.955053
SU6_str	BOBJ1	9.5833	After	Interior Girder 2	9.5833	0.95	1	1	6.624276
SU6_str	BOBJ1	9.5833	After	Interior Girder 3	9.5833	0.95	1	1	6.626879
SU6_str	BOBJ1	9.5833	After	Interior Girder 4	9.5833	0.95	1	1	6.61379

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Main Span Stringers									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
SU6_str	BOBJ1	9.5833	After	Interior Girder 5	9.5833	0.95	1	1	6.020069
SU6_str	BOBJ1	9.5833	After	Right Exterior Girder	9.5833	0.95	1	1	11.284545
SU6_str	BOBJ1	11.5	Before	Left Exterior Girder	11.5	0.95	1	1	11.369435
SU6_str	BOBJ1	11.5	Before	Interior Girder 1	11.5	0.95	1	1	6.021071
SU6_str	BOBJ1	11.5	Before	Interior Girder 2	11.5	0.95	1	1	6.697724
SU6_str	BOBJ1	11.5	Before	Interior Girder 3	11.5	0.95	1	1	6.700357
SU6_str	BOBJ1	11.5	Before	Interior Girder 4	11.5	0.95	1	1	6.687122
SU6_str	BOBJ1	11.5	Before	Interior Girder 5	11.5	0.95	1	1	6.086808
SU6_str	BOBJ1	11.5	Before	Right Exterior Girder	11.5	0.95	1	1	11.369435
SU6_str	BOBJ1	11.5	After	Left Exterior Girder	11.5	0.95	1	1	11.367835
SU6_str	BOBJ1	11.5	After	Interior Girder 1	11.5	0.95	1	1	6.018749
SU6_str	BOBJ1	11.5	After	Interior Girder 2	11.5	0.95	1	1	6.695978
SU6_str	BOBJ1	11.5	After	Interior Girder 3	11.5	0.95	1	1	6.698621
SU6_str	BOBJ1	11.5	After	Interior Girder 4	11.5	0.95	1	1	6.685379
SU6_str	BOBJ1	11.5	After	Interior Girder 5	11.5	0.95	1	1	6.084461
SU6_str	BOBJ1	11.5	After	Right Exterior Girder	11.5	0.95	1	1	11.367835
SU6_str	BOBJ1	13.4167	Before	Left Exterior Girder	13.4167	0.95	1	1	11.282945
SU6_str	BOBJ1	13.4167	Before	Interior Girder 1	13.4167	0.95	1	1	5.952731
SU6_str	BOBJ1	13.4167	Before	Interior Girder 2	13.4167	0.95	1	1	6.62253
SU6_str	BOBJ1	13.4167	Before	Interior Girder 3	13.4167	0.95	1	1	6.625142
SU6_str	BOBJ1	13.4167	Before	Interior Girder 4	13.4167	0.95	1	1	6.612047
SU6_str	BOBJ1	13.4167	Before	Interior Girder 5	13.4167	0.95	1	1	6.017722
SU6_str	BOBJ1	13.4167	Before	Right Exterior Girder	13.4167	0.95	1	1	11.282944
SU6_str	BOBJ1	13.4167	After	Left Exterior Girder	13.4167	0.95	1	1	8.921166
SU6_str	BOBJ1	13.4167	After	Interior Girder 1	13.4167	0.95	1	1	4.816184
SU6_str	BOBJ1	13.4167	After	Interior Girder 2	13.4167	0.95	1	1	5.295624
SU6_str	BOBJ1	13.4167	After	Interior Girder 3	13.4167	0.95	1	1	5.270598
SU6_str	BOBJ1	13.4167	After	Interior Girder 4	13.4167	0.95	1	1	5.28473
SU6_str	BOBJ1	13.4167	After	Interior Girder 5	13.4167	0.95	1	1	4.855498
SU6_str	BOBJ1	13.4167	After	Right Exterior Girder	13.4167	0.95	1	1	8.921166
SU6_str	BOBJ1	15.3333	Before	Left Exterior Girder	15.3333	0.95	1	1	8.853865
SU6_str	BOBJ1	15.3333	Before	Interior Girder 1	15.3333	0.95	1	1	4.762547
SU6_str	BOBJ1	15.3333	Before	Interior Girder 2	15.3333	0.95	1	1	5.236638
SU6_str	BOBJ1	15.3333	Before	Interior Girder 3	15.3333	0.95	1	1	5.211887
SU6_str	BOBJ1	15.3333	Before	Interior Girder 4	15.3333	0.95	1	1	5.225865
SU6_str	BOBJ1	15.3333	Before	Interior Girder 5	15.3333	0.95	1	1	4.801422
SU6_str	BOBJ1	15.3333	Before	Right Exterior Girder	15.3333	0.95	1	1	8.853865
SU6_str	BOBJ1	15.3333	After	Left Exterior Girder	15.3333	0.95	1	1	7.2568
SU6_str	BOBJ1	15.3333	After	Interior Girder 1	15.3333	0.95	1	1	3.961906
SU6_str	BOBJ1	15.3333	After	Interior Girder 2	15.3333	0.95	1	1	4.300309
SU6_str	BOBJ1	15.3333	After	Interior Girder 3	15.3333	0.95	1	1	4.277182
SU6_str	BOBJ1	15.3333	After	Interior Girder 4	15.3333	0.95	1	1	4.289856
SU6_str	BOBJ1	15.3333	After	Interior Girder 5	15.3333	0.95	1	1	3.9883
SU6_str	BOBJ1	15.3333	After	Right Exterior Girder	15.3333	0.95	1	1	7.2568
SU6_str	BOBJ1	17.25	Before	Left Exterior Girder	17.25	0.95	1	1	7.201492
SU6_str	BOBJ1	17.25	Before	Interior Girder 1	17.25	0.95	1	1	3.917093
SU6_str	BOBJ1	17.25	Before	Interior Girder 2	17.25	0.95	1	1	4.251658
SU6_str	BOBJ1	17.25	Before	Interior Girder 3	17.25	0.95	1	1	4.228786
SU6_str	BOBJ1	17.25	Before	Interior Girder 4	17.25	0.95	1	1	4.241322
SU6_str	BOBJ1	17.25	Before	Interior Girder 5	17.25	0.95	1	1	3.943189
SU6_str	BOBJ1	17.25	Before	Right Exterior Girder	17.25	0.95	1	1	7.201492
SU6_str	BOBJ1	17.25	After	Left Exterior Girder	17.25	0.95	1	1	6.118747
SU6_str	BOBJ1	17.25	After	Interior Girder 1	17.25	0.95	1	1	3.326303
SU6_str	BOBJ1	17.25	After	Interior Girder 2	17.25	0.95	1	1	3.603167
SU6_str	BOBJ1	17.25	After	Interior Girder 3	17.25	0.95	1	1	3.578493
SU6_str	BOBJ1	17.25	After	Interior Girder 4	17.25	0.95	1	1	3.593302
SU6_str	BOBJ1	17.25	After	Interior Girder 5	17.25	0.95	1	1	3.349232
SU6_str	BOBJ1	17.25	After	Right Exterior Girder	17.25	0.95	1	1	6.118747
SU6_str	BOBJ1	19.1667	Before	Left Exterior Girder	19.1667	0.95	1	1	6.071631
SU6_str	BOBJ1	19.1667	Before	Interior Girder 1	19.1667	0.95	1	1	3.288078
SU6_str	BOBJ1	19.1667	Before	Interior Girder 2	19.1667	0.95	1	1	3.561754
SU6_str	BOBJ1	19.1667	Before	Interior Girder 3	19.1667	0.95	1	1	3.537354
SU6_str	BOBJ1	19.1667	Before	Interior Girder 4	19.1667	0.95	1	1	3.552002
SU6_str	BOBJ1	19.1667	Before	Interior Girder 5	19.1667	0.95	1	1	3.310744
SU6_str	BOBJ1	19.1667	Before	Right Exterior Girder	19.1667	0.95	1	1	6.071631

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Main Span Stringers									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
SU6_str	BOBJ1	19.1667	After	Left Exterior Girder	19.1667	0.95	1	1	5.292587
SU6_str	BOBJ1	19.1667	After	Interior Girder 1	19.1667	0.95	1	1	2.825856
SU6_str	BOBJ1	19.1667	After	Interior Girder 2	19.1667	0.95	1	1	3.079867
SU6_str	BOBJ1	19.1667	After	Interior Girder 3	19.1667	0.95	1	1	3.055421
SU6_str	BOBJ1	19.1667	After	Interior Girder 4	19.1667	0.95	1	1	3.070827
SU6_str	BOBJ1	19.1667	After	Interior Girder 5	19.1667	0.95	1	1	2.849125
SU6_str	BOBJ1	19.1667	After	Right Exterior Girder	19.1667	0.95	1	1	5.292587
SU6_str	BOBJ1	21.0833	Before	Left Exterior Girder	21.0833	0.95	1	1	5.251408
SU6_str	BOBJ1	21.0833	Before	Interior Girder 1	21.0833	0.95	1	1	2.792856
SU6_str	BOBJ1	21.0833	Before	Interior Girder 2	21.0833	0.95	1	1	3.043896
SU6_str	BOBJ1	21.0833	Before	Interior Girder 3	21.0833	0.95	1	1	3.019722
SU6_str	BOBJ1	21.0833	Before	Interior Girder 4	21.0833	0.95	1	1	3.034962
SU6_str	BOBJ1	21.0833	Before	Interior Girder 5	21.0833	0.95	1	1	2.815853
SU6_str	BOBJ1	21.0833	Before	Right Exterior Girder	21.0833	0.95	1	1	5.251408
SU6_str	BOBJ1	21.0833	After	Left Exterior Girder	21.0833	0.95	1	1	4.64271
SU6_str	BOBJ1	21.0833	After	Interior Girder 1	21.0833	0.95	1	1	2.411643
SU6_str	BOBJ1	21.0833	After	Interior Girder 2	21.0833	0.95	1	1	2.644089
SU6_str	BOBJ1	21.0833	After	Interior Girder 3	21.0833	0.95	1	1	2.626277
SU6_str	BOBJ1	21.0833	After	Interior Girder 4	21.0833	0.95	1	1	2.636196
SU6_str	BOBJ1	21.0833	After	Interior Girder 5	21.0833	0.95	1	1	2.43311
SU6_str	BOBJ1	21.0833	After	Right Exterior Girder	21.0833	0.95	1	1	4.64271
SU6_str	BOBJ1	23	Before	Left Exterior Girder	23	0.95	1	1	4.606222
SU6_str	BOBJ1	23	Before	Interior Girder 1	23	0.95	1	1	2.382995
SU6_str	BOBJ1	23	Before	Interior Girder 2	23	0.95	1	1	2.612706
SU6_str	BOBJ1	23	Before	Interior Girder 3	23	0.95	1	1	2.595088
SU6_str	BOBJ1	23	Before	Interior Girder 4	23	0.95	1	1	2.604907
SU6_str	BOBJ1	23	Before	Interior Girder 5	23	0.95	1	1	2.404208
SU6_str	BOBJ1	23	Before	Right Exterior Girder	23	0.95	1	1	4.606222
SU7_str	BOBJ1	0	After	Left Exterior Girder	0	0.95	1	1	4.60532
SU7_str	BOBJ1	0	After	Interior Girder 1	0	0.95	1	1	2.385379
SU7_str	BOBJ1	0	After	Interior Girder 2	0	0.95	1	1	2.613063
SU7_str	BOBJ1	0	After	Interior Girder 3	0	0.95	1	1	2.595454
SU7_str	BOBJ1	0	After	Interior Girder 4	0	0.95	1	1	2.605263
SU7_str	BOBJ1	0	After	Interior Girder 5	0	0.95	1	1	2.406613
SU7_str	BOBJ1	0	After	Right Exterior Girder	0	0.95	1	1	4.60532
SU7_str	BOBJ1	1.9167	Before	Left Exterior Girder	1.9167	0.95	1	1	4.641809
SU7_str	BOBJ1	1.9167	Before	Interior Girder 1	1.9167	0.95	1	1	2.414027
SU7_str	BOBJ1	1.9167	Before	Interior Girder 2	1.9167	0.95	1	1	2.644445
SU7_str	BOBJ1	1.9167	Before	Interior Girder 3	1.9167	0.95	1	1	2.626643
SU7_str	BOBJ1	1.9167	Before	Interior Girder 4	1.9167	0.95	1	1	2.636551
SU7_str	BOBJ1	1.9167	Before	Interior Girder 5	1.9167	0.95	1	1	2.435515
SU7_str	BOBJ1	1.9167	Before	Right Exterior Girder	1.9167	0.95	1	1	4.641808
SU7_str	BOBJ1	1.9167	After	Left Exterior Girder	1.9167	0.95	1	1	5.252159
SU7_str	BOBJ1	1.9167	After	Interior Girder 1	1.9167	0.95	1	1	2.794056
SU7_str	BOBJ1	1.9167	After	Interior Girder 2	1.9167	0.95	1	1	3.044746
SU7_str	BOBJ1	1.9167	After	Interior Girder 3	1.9167	0.95	1	1	3.020611
SU7_str	BOBJ1	1.9167	After	Interior Girder 4	1.9167	0.95	1	1	3.035809
SU7_str	BOBJ1	1.9167	After	Interior Girder 5	1.9167	0.95	1	1	2.817063
SU7_str	BOBJ1	1.9167	After	Right Exterior Girder	1.9167	0.95	1	1	5.252158
SU7_str	BOBJ1	3.8333	Before	Left Exterior Girder	3.8333	0.95	1	1	5.293338
SU7_str	BOBJ1	3.8333	Before	Interior Girder 1	3.8333	0.95	1	1	2.827056
SU7_str	BOBJ1	3.8333	Before	Interior Girder 2	3.8333	0.95	1	1	3.080717
SU7_str	BOBJ1	3.8333	Before	Interior Girder 3	3.8333	0.95	1	1	3.056309
SU7_str	BOBJ1	3.8333	Before	Interior Girder 4	3.8333	0.95	1	1	3.071675
SU7_str	BOBJ1	3.8333	Before	Interior Girder 5	3.8333	0.95	1	1	2.850335
SU7_str	BOBJ1	3.8333	Before	Right Exterior Girder	3.8333	0.95	1	1	5.293338
SU7_str	BOBJ1	3.8333	After	Left Exterior Girder	3.8333	0.95	1	1	6.072407
SU7_str	BOBJ1	3.8333	After	Interior Girder 1	3.8333	0.95	1	1	3.289607
SU7_str	BOBJ1	3.8333	After	Interior Girder 2	3.8333	0.95	1	1	3.562679
SU7_str	BOBJ1	3.8333	After	Interior Girder 3	3.8333	0.95	1	1	3.538305
SU7_str	BOBJ1	3.8333	After	Interior Girder 4	3.8333	0.95	1	1	3.552924
SU7_str	BOBJ1	3.8333	After	Interior Girder 5	3.8333	0.95	1	1	3.312283
SU7_str	BOBJ1	3.8333	After	Right Exterior Girder	3.8333	0.95	1	1	6.072407
SU7_str	BOBJ1	5.75	Before	Left Exterior Girder	5.75	0.95	1	1	6.119523
SU7_str	BOBJ1	5.75	Before	Interior Girder 1	5.75	0.95	1	1	3.327831

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Main Span Stringers									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
SU7_str	BOBJ1	5.75	Before	Interior Girder 2	5.75	0.95	1	1	3.604092
SU7_str	BOBJ1	5.75	Before	Interior Girder 3	5.75	0.95	1	1	3.579444
SU7_str	BOBJ1	5.75	Before	Interior Girder 4	5.75	0.95	1	1	3.594224
SU7_str	BOBJ1	5.75	Before	Interior Girder 5	5.75	0.95	1	1	3.350771
SU7_str	BOBJ1	5.75	Before	Right Exterior Girder	5.75	0.95	1	1	6.119523
SU7_str	BOBJ1	5.75	After	Left Exterior Girder	5.75	0.95	1	1	7.202443
SU7_str	BOBJ1	5.75	After	Interior Girder 1	5.75	0.95	1	1	3.918746
SU7_str	BOBJ1	5.75	After	Interior Girder 2	5.75	0.95	1	1	4.252787
SU7_str	BOBJ1	5.75	After	Interior Girder 3	5.75	0.95	1	1	4.229929
SU7_str	BOBJ1	5.75	After	Interior Girder 4	5.75	0.95	1	1	4.242449
SU7_str	BOBJ1	5.75	After	Interior Girder 5	5.75	0.95	1	1	3.944852
SU7_str	BOBJ1	5.75	After	Right Exterior Girder	5.75	0.95	1	1	7.202443
SU7_str	BOBJ1	7.6667	Before	Left Exterior Girder	7.6667	0.95	1	1	7.257751
SU7_str	BOBJ1	7.6667	Before	Interior Girder 1	7.6667	0.95	1	1	3.963558
SU7_str	BOBJ1	7.6667	Before	Interior Girder 2	7.6667	0.95	1	1	4.301438
SU7_str	BOBJ1	7.6667	Before	Interior Girder 3	7.6667	0.95	1	1	4.278325
SU7_str	BOBJ1	7.6667	Before	Interior Girder 4	7.6667	0.95	1	1	4.290982
SU7_str	BOBJ1	7.6667	Before	Interior Girder 5	7.6667	0.95	1	1	3.989964
SU7_str	BOBJ1	7.6667	Before	Right Exterior Girder	7.6667	0.95	1	1	7.257751
SU7_str	BOBJ1	7.6667	After	Left Exterior Girder	7.6667	0.95	1	1	8.830143
SU7_str	BOBJ1	7.6667	After	Interior Girder 1	7.6667	0.95	1	1	4.757064
SU7_str	BOBJ1	7.6667	After	Interior Girder 2	7.6667	0.95	1	1	5.222442
SU7_str	BOBJ1	7.6667	After	Interior Girder 3	7.6667	0.95	1	1	5.199628
SU7_str	BOBJ1	7.6667	After	Interior Girder 4	7.6667	0.95	1	1	5.21173
SU7_str	BOBJ1	7.6667	After	Interior Girder 5	7.6667	0.95	1	1	4.795834
SU7_str	BOBJ1	7.6667	After	Right Exterior Girder	7.6667	0.95	1	1	8.830143
SU7_str	BOBJ1	9.5833	Before	Left Exterior Girder	9.5833	0.95	1	1	8.897254
SU7_str	BOBJ1	9.5833	Before	Interior Girder 1	9.5833	0.95	1	1	4.810618
SU7_str	BOBJ1	9.5833	Before	Interior Girder 2	9.5833	0.95	1	1	5.281252
SU7_str	BOBJ1	9.5833	Before	Interior Girder 3	9.5833	0.95	1	1	5.258185
SU7_str	BOBJ1	9.5833	Before	Interior Girder 4	9.5833	0.95	1	1	5.27042
SU7_str	BOBJ1	9.5833	Before	Interior Girder 5	9.5833	0.95	1	1	4.849824
SU7_str	BOBJ1	9.5833	Before	Right Exterior Girder	9.5833	0.95	1	1	8.897254
SU7_str	BOBJ1	9.5833	After	Left Exterior Girder	9.5833	0.95	1	1	11.284545
SU7_str	BOBJ1	9.5833	After	Interior Girder 1	9.5833	0.95	1	1	5.955053
SU7_str	BOBJ1	9.5833	After	Interior Girder 2	9.5833	0.95	1	1	6.624276
SU7_str	BOBJ1	9.5833	After	Interior Girder 3	9.5833	0.95	1	1	6.626879
SU7_str	BOBJ1	9.5833	After	Interior Girder 4	9.5833	0.95	1	1	6.61379
SU7_str	BOBJ1	9.5833	After	Interior Girder 5	9.5833	0.95	1	1	6.020069
SU7_str	BOBJ1	9.5833	After	Right Exterior Girder	9.5833	0.95	1	1	11.284545
SU7_str	BOBJ1	11.5	Before	Left Exterior Girder	11.5	0.95	1	1	11.369435
SU7_str	BOBJ1	11.5	Before	Interior Girder 1	11.5	0.95	1	1	6.021071
SU7_str	BOBJ1	11.5	Before	Interior Girder 2	11.5	0.95	1	1	6.697724
SU7_str	BOBJ1	11.5	Before	Interior Girder 3	11.5	0.95	1	1	6.700357
SU7_str	BOBJ1	11.5	Before	Interior Girder 4	11.5	0.95	1	1	6.687122
SU7_str	BOBJ1	11.5	Before	Interior Girder 5	11.5	0.95	1	1	6.086808
SU7_str	BOBJ1	11.5	Before	Right Exterior Girder	11.5	0.95	1	1	11.369435
SU7_str	BOBJ1	11.5	After	Left Exterior Girder	11.5	0.95	1	1	11.367835
SU7_str	BOBJ1	11.5	After	Interior Girder 1	11.5	0.95	1	1	6.018749
SU7_str	BOBJ1	11.5	After	Interior Girder 2	11.5	0.95	1	1	6.695978
SU7_str	BOBJ1	11.5	After	Interior Girder 3	11.5	0.95	1	1	6.698621
SU7_str	BOBJ1	11.5	After	Interior Girder 4	11.5	0.95	1	1	6.685379
SU7_str	BOBJ1	11.5	After	Interior Girder 5	11.5	0.95	1	1	6.084461
SU7_str	BOBJ1	11.5	After	Right Exterior Girder	11.5	0.95	1	1	11.367835
SU7_str	BOBJ1	13.4167	Before	Left Exterior Girder	13.4167	0.95	1	1	11.282945
SU7_str	BOBJ1	13.4167	Before	Interior Girder 1	13.4167	0.95	1	1	5.952731
SU7_str	BOBJ1	13.4167	Before	Interior Girder 2	13.4167	0.95	1	1	6.62253
SU7_str	BOBJ1	13.4167	Before	Interior Girder 3	13.4167	0.95	1	1	6.625142
SU7_str	BOBJ1	13.4167	Before	Interior Girder 4	13.4167	0.95	1	1	6.612047
SU7_str	BOBJ1	13.4167	Before	Interior Girder 5	13.4167	0.95	1	1	6.017722
SU7_str	BOBJ1	13.4167	Before	Right Exterior Girder	13.4167	0.95	1	1	11.282944
SU7_str	BOBJ1	13.4167	After	Left Exterior Girder	13.4167	0.95	1	1	8.896029
SU7_str	BOBJ1	13.4167	After	Interior Girder 1	13.4167	0.95	1	1	4.808701
SU7_str	BOBJ1	13.4167	After	Interior Girder 2	13.4167	0.95	1	1	5.279867
SU7_str	BOBJ1	13.4167	After	Interior Girder 3	13.4167	0.95	1	1	5.256803

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Main Span Stringers									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
SU7_str	BOBJ1	13.4167	After	Interior Girder 4	13.4167	0.95	1	1	5.269038
SU7_str	BOBJ1	13.4167	After	Interior Girder 5	13.4167	0.95	1	1	4.847892
SU7_str	BOBJ1	13.4167	After	Right Exterior Girder	13.4167	0.95	1	1	8.896029
SU7_str	BOBJ1	15.3333	Before	Left Exterior Girder	15.3333	0.95	1	1	8.828918
SU7_str	BOBJ1	15.3333	Before	Interior Girder 1	15.3333	0.95	1	1	4.755147
SU7_str	BOBJ1	15.3333	Before	Interior Girder 2	15.3333	0.95	1	1	5.221057
SU7_str	BOBJ1	15.3333	Before	Interior Girder 3	15.3333	0.95	1	1	5.198246
SU7_str	BOBJ1	15.3333	Before	Interior Girder 4	15.3333	0.95	1	1	5.210348
SU7_str	BOBJ1	15.3333	Before	Interior Girder 5	15.3333	0.95	1	1	4.793901
SU7_str	BOBJ1	15.3333	Before	Right Exterior Girder	15.3333	0.95	1	1	8.828918
SU7_str	BOBJ1	15.3333	After	Left Exterior Girder	15.3333	0.95	1	1	7.2568
SU7_str	BOBJ1	15.3333	After	Interior Girder 1	15.3333	0.95	1	1	3.961906
SU7_str	BOBJ1	15.3333	After	Interior Girder 2	15.3333	0.95	1	1	4.300309
SU7_str	BOBJ1	15.3333	After	Interior Girder 3	15.3333	0.95	1	1	4.277182
SU7_str	BOBJ1	15.3333	After	Interior Girder 4	15.3333	0.95	1	1	4.289856
SU7_str	BOBJ1	15.3333	After	Interior Girder 5	15.3333	0.95	1	1	3.9883
SU7_str	BOBJ1	15.3333	After	Right Exterior Girder	15.3333	0.95	1	1	7.2568
SU7_str	BOBJ1	17.25	Before	Left Exterior Girder	17.25	0.95	1	1	7.201492
SU7_str	BOBJ1	17.25	Before	Interior Girder 1	17.25	0.95	1	1	3.917093
SU7_str	BOBJ1	17.25	Before	Interior Girder 2	17.25	0.95	1	1	4.251658
SU7_str	BOBJ1	17.25	Before	Interior Girder 3	17.25	0.95	1	1	4.228786
SU7_str	BOBJ1	17.25	Before	Interior Girder 4	17.25	0.95	1	1	4.241322
SU7_str	BOBJ1	17.25	Before	Interior Girder 5	17.25	0.95	1	1	3.943189
SU7_str	BOBJ1	17.25	Before	Right Exterior Girder	17.25	0.95	1	1	7.201492
SU7_str	BOBJ1	17.25	After	Left Exterior Girder	17.25	0.95	1	1	6.118747
SU7_str	BOBJ1	17.25	After	Interior Girder 1	17.25	0.95	1	1	3.326303
SU7_str	BOBJ1	17.25	After	Interior Girder 2	17.25	0.95	1	1	3.603167
SU7_str	BOBJ1	17.25	After	Interior Girder 3	17.25	0.95	1	1	3.578493
SU7_str	BOBJ1	17.25	After	Interior Girder 4	17.25	0.95	1	1	3.593302
SU7_str	BOBJ1	17.25	After	Interior Girder 5	17.25	0.95	1	1	3.349232
SU7_str	BOBJ1	17.25	After	Right Exterior Girder	17.25	0.95	1	1	6.118747
SU7_str	BOBJ1	19.1667	Before	Left Exterior Girder	19.1667	0.95	1	1	6.071631
SU7_str	BOBJ1	19.1667	Before	Interior Girder 1	19.1667	0.95	1	1	3.288078
SU7_str	BOBJ1	19.1667	Before	Interior Girder 2	19.1667	0.95	1	1	3.561754
SU7_str	BOBJ1	19.1667	Before	Interior Girder 3	19.1667	0.95	1	1	3.537354
SU7_str	BOBJ1	19.1667	Before	Interior Girder 4	19.1667	0.95	1	1	3.552002
SU7_str	BOBJ1	19.1667	Before	Interior Girder 5	19.1667	0.95	1	1	3.310744
SU7_str	BOBJ1	19.1667	Before	Right Exterior Girder	19.1667	0.95	1	1	6.071631
SU7_str	BOBJ1	19.1667	After	Left Exterior Girder	19.1667	0.95	1	1	5.292587
SU7_str	BOBJ1	19.1667	After	Interior Girder 1	19.1667	0.95	1	1	2.825856
SU7_str	BOBJ1	19.1667	After	Interior Girder 2	19.1667	0.95	1	1	3.079867
SU7_str	BOBJ1	19.1667	After	Interior Girder 3	19.1667	0.95	1	1	3.055421
SU7_str	BOBJ1	19.1667	After	Interior Girder 4	19.1667	0.95	1	1	3.070827
SU7_str	BOBJ1	19.1667	After	Interior Girder 5	19.1667	0.95	1	1	2.849125
SU7_str	BOBJ1	19.1667	After	Right Exterior Girder	19.1667	0.95	1	1	5.292587
SU7_str	BOBJ1	21.0833	Before	Left Exterior Girder	21.0833	0.95	1	1	5.251408
SU7_str	BOBJ1	21.0833	Before	Interior Girder 1	21.0833	0.95	1	1	2.792856
SU7_str	BOBJ1	21.0833	Before	Interior Girder 2	21.0833	0.95	1	1	3.043896
SU7_str	BOBJ1	21.0833	Before	Interior Girder 3	21.0833	0.95	1	1	3.019722
SU7_str	BOBJ1	21.0833	Before	Interior Girder 4	21.0833	0.95	1	1	3.034962
SU7_str	BOBJ1	21.0833	Before	Interior Girder 5	21.0833	0.95	1	1	2.815853
SU7_str	BOBJ1	21.0833	Before	Right Exterior Girder	21.0833	0.95	1	1	5.251408
SU7_str	BOBJ1	21.0833	After	Left Exterior Girder	21.0833	0.95	1	1	4.64271
SU7_str	BOBJ1	21.0833	After	Interior Girder 1	21.0833	0.95	1	1	2.411643
SU7_str	BOBJ1	21.0833	After	Interior Girder 2	21.0833	0.95	1	1	2.644089
SU7_str	BOBJ1	21.0833	After	Interior Girder 3	21.0833	0.95	1	1	2.626277
SU7_str	BOBJ1	21.0833	After	Interior Girder 4	21.0833	0.95	1	1	2.636196
SU7_str	BOBJ1	21.0833	After	Interior Girder 5	21.0833	0.95	1	1	2.43311
SU7_str	BOBJ1	21.0833	After	Right Exterior Girder	21.0833	0.95	1	1	4.64271
SU7_str	BOBJ1	23	Before	Left Exterior Girder	23	0.95	1	1	4.606222
SU7_str	BOBJ1	23	Before	Interior Girder 1	23	0.95	1	1	2.382995
SU7_str	BOBJ1	23	Before	Interior Girder 2	23	0.95	1	1	2.612706
SU7_str	BOBJ1	23	Before	Interior Girder 3	23	0.95	1	1	2.595088
SU7_str	BOBJ1	23	Before	Interior Girder 4	23	0.95	1	1	2.604907
SU7_str	BOBJ1	23	Before	Interior Girder 5	23	0.95	1	1	2.404208

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Main Span Stringers									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
SU7_str	BOBJ1	23	Before	Right Exterior Girder	23	0.95	1	1	4.606222
Type 3_str	BOBJ1	0	After	Left Exterior Girder	0	0.95	1	1	5.585258
Type 3_str	BOBJ1	0	After	Interior Girder 1	0	0.95	1	1	2.859273
Type 3_str	BOBJ1	0	After	Interior Girder 2	0	0.95	1	1	3.160844
Type 3_str	BOBJ1	0	After	Interior Girder 3	0	0.95	1	1	3.137173
Type 3_str	BOBJ1	0	After	Interior Girder 4	0	0.95	1	1	3.152174
Type 3_str	BOBJ1	0	After	Interior Girder 5	0	0.95	1	1	2.886563
Type 3_str	BOBJ1	0	After	Right Exterior Girder	0	0.95	1	1	5.585258
Type 3_str	BOBJ1	1.9167	Before	Left Exterior Girder	1.9167	0.95	1	1	5.62951
Type 3_str	BOBJ1	1.9167	Before	Interior Girder 1	1.9167	0.95	1	1	2.893612
Type 3_str	BOBJ1	1.9167	Before	Interior Girder 2	1.9167	0.95	1	1	3.198805
Type 3_str	BOBJ1	1.9167	Before	Interior Girder 3	1.9167	0.95	1	1	3.174872
Type 3_str	BOBJ1	1.9167	Before	Interior Girder 4	1.9167	0.95	1	1	3.190032
Type 3_str	BOBJ1	1.9167	Before	Interior Girder 5	1.9167	0.95	1	1	2.921229
Type 3_str	BOBJ1	1.9167	Before	Right Exterior Girder	1.9167	0.95	1	1	5.62951
Type 3_str	BOBJ1	1.9167	After	Left Exterior Girder	1.9167	0.95	1	1	6.54892
Type 3_str	BOBJ1	1.9167	After	Interior Girder 1	1.9167	0.95	1	1	3.429349
Type 3_str	BOBJ1	1.9167	After	Interior Girder 2	1.9167	0.95	1	1	3.775172
Type 3_str	BOBJ1	1.9167	After	Interior Girder 3	1.9167	0.95	1	1	3.748548
Type 3_str	BOBJ1	1.9167	After	Interior Girder 4	1.9167	0.95	1	1	3.764853
Type 3_str	BOBJ1	1.9167	After	Interior Girder 5	1.9167	0.95	1	1	3.459687
Type 3_str	BOBJ1	1.9167	After	Right Exterior Girder	1.9167	0.95	1	1	6.548919
Type 3_str	BOBJ1	3.8333	Before	Left Exterior Girder	3.8333	0.95	1	1	6.600266
Type 3_str	BOBJ1	3.8333	Before	Interior Girder 1	3.8333	0.95	1	1	3.469853
Type 3_str	BOBJ1	3.8333	Before	Interior Girder 2	3.8333	0.95	1	1	3.819772
Type 3_str	BOBJ1	3.8333	Before	Interior Girder 3	3.8333	0.95	1	1	3.792849
Type 3_str	BOBJ1	3.8333	Before	Interior Girder 4	3.8333	0.95	1	1	3.809331
Type 3_str	BOBJ1	3.8333	Before	Interior Girder 5	3.8333	0.95	1	1	3.500549
Type 3_str	BOBJ1	3.8333	Before	Right Exterior Girder	3.8333	0.95	1	1	6.600266
Type 3_str	BOBJ1	3.8333	After	Left Exterior Girder	3.8333	0.95	1	1	7.471069
Type 3_str	BOBJ1	3.8333	After	Interior Girder 1	3.8333	0.95	1	1	3.995754
Type 3_str	BOBJ1	3.8333	After	Interior Girder 2	3.8333	0.95	1	1	4.377638
Type 3_str	BOBJ1	3.8333	After	Interior Girder 3	3.8333	0.95	1	1	4.347053
Type 3_str	BOBJ1	3.8333	After	Interior Girder 4	3.8333	0.95	1	1	4.367219
Type 3_str	BOBJ1	3.8333	After	Interior Girder 5	3.8333	0.95	1	1	4.030873
Type 3_str	BOBJ1	3.8333	After	Right Exterior Girder	3.8333	0.95	1	1	7.471069
Type 3_str	BOBJ1	5.75	Before	Left Exterior Girder	5.75	0.95	1	1	7.529038
Type 3_str	BOBJ1	5.75	Before	Interior Girder 1	5.75	0.95	1	1	4.042183
Type 3_str	BOBJ1	5.75	Before	Interior Girder 2	5.75	0.95	1	1	4.428525
Type 3_str	BOBJ1	5.75	Before	Interior Girder 3	5.75	0.95	1	1	4.397595
Type 3_str	BOBJ1	5.75	Before	Interior Girder 4	5.75	0.95	1	1	4.417985
Type 3_str	BOBJ1	5.75	Before	Interior Girder 5	5.75	0.95	1	1	4.077711
Type 3_str	BOBJ1	5.75	Before	Right Exterior Girder	5.75	0.95	1	1	7.529037
Type 3_str	BOBJ1	5.75	After	Left Exterior Girder	5.75	0.95	1	1	8.626906
Type 3_str	BOBJ1	5.75	After	Interior Girder 1	5.75	0.95	1	1	4.646237
Type 3_str	BOBJ1	5.75	After	Interior Girder 2	5.75	0.95	1	1	5.099227
Type 3_str	BOBJ1	5.75	After	Interior Girder 3	5.75	0.95	1	1	5.06904
Type 3_str	BOBJ1	5.75	After	Interior Girder 4	5.75	0.95	1	1	5.08873
Type 3_str	BOBJ1	5.75	After	Interior Girder 5	5.75	0.95	1	1	4.688404
Type 3_str	BOBJ1	5.75	After	Right Exterior Girder	5.75	0.95	1	1	8.626906
Type 3_str	BOBJ1	7.6667	Before	Left Exterior Girder	7.6667	0.95	1	1	8.693152
Type 3_str	BOBJ1	7.6667	Before	Interior Girder 1	7.6667	0.95	1	1	4.699369
Type 3_str	BOBJ1	7.6667	Before	Interior Girder 2	7.6667	0.95	1	1	5.157562
Type 3_str	BOBJ1	7.6667	Before	Interior Girder 3	7.6667	0.95	1	1	5.127036
Type 3_str	BOBJ1	7.6667	Before	Interior Girder 4	7.6667	0.95	1	1	5.146945
Type 3_str	BOBJ1	7.6667	Before	Interior Girder 5	7.6667	0.95	1	1	4.742019
Type 3_str	BOBJ1	7.6667	Before	Right Exterior Girder	7.6667	0.95	1	1	8.693152
Type 3_str	BOBJ1	7.6667	After	Left Exterior Girder	7.6667	0.95	1	1	10.185388
Type 3_str	BOBJ1	7.6667	After	Interior Girder 1	7.6667	0.95	1	1	5.453042
Type 3_str	BOBJ1	7.6667	After	Interior Girder 2	7.6667	0.95	1	1	6.044551
Type 3_str	BOBJ1	7.6667	After	Interior Girder 3	7.6667	0.95	1	1	6.015878
Type 3_str	BOBJ1	7.6667	After	Interior Girder 4	7.6667	0.95	1	1	6.034542
Type 3_str	BOBJ1	7.6667	After	Interior Girder 5	7.6667	0.95	1	1	5.506926
Type 3_str	BOBJ1	7.6667	After	Right Exterior Girder	7.6667	0.95	1	1	10.185388
Type 3_str	BOBJ1	9.5833	Before	Left Exterior Girder	9.5833	0.95	1	1	10.262799

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Main Span Stringers									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Type 3_str	BOBJ1	9.5833	Before	Interior Girder 1	9.5833	0.95	1	1	5.514432
Type 3_str	BOBJ1	9.5833	Before	Interior Girder 2	9.5833	0.95	1	1	6.11262
Type 3_str	BOBJ1	9.5833	Before	Interior Girder 3	9.5833	0.95	1	1	6.083628
Type 3_str	BOBJ1	9.5833	Before	Interior Girder 4	9.5833	0.95	1	1	6.102498
Type 3_str	BOBJ1	9.5833	Before	Interior Girder 5	9.5833	0.95	1	1	5.568922
Type 3_str	BOBJ1	9.5833	Before	Right Exterior Girder	9.5833	0.95	1	1	10.262799
Type 3_str	BOBJ1	9.5833	After	Left Exterior Girder	9.5833	0.95	1	1	12.38947
Type 3_str	BOBJ1	9.5833	After	Interior Girder 1	9.5833	0.95	1	1	6.51705
Type 3_str	BOBJ1	9.5833	After	Interior Girder 2	9.5833	0.95	1	1	7.269446
Type 3_str	BOBJ1	9.5833	After	Interior Girder 3	9.5833	0.95	1	1	7.29321
Type 3_str	BOBJ1	9.5833	After	Interior Girder 4	9.5833	0.95	1	1	7.258049
Type 3_str	BOBJ1	9.5833	After	Interior Girder 5	9.5833	0.95	1	1	6.589874
Type 3_str	BOBJ1	9.5833	After	Right Exterior Girder	9.5833	0.95	1	1	12.38947
Type 3_str	BOBJ1	11.5	Before	Left Exterior Girder	11.5	0.95	1	1	12.482672
Type 3_str	BOBJ1	11.5	Before	Interior Girder 1	11.5	0.95	1	1	6.589299
Type 3_str	BOBJ1	11.5	Before	Interior Girder 2	11.5	0.95	1	1	7.350047
Type 3_str	BOBJ1	11.5	Before	Interior Girder 3	11.5	0.95	1	1	7.374077
Type 3_str	BOBJ1	11.5	Before	Interior Girder 4	11.5	0.95	1	1	7.338524
Type 3_str	BOBJ1	11.5	Before	Interior Girder 5	11.5	0.95	1	1	6.66293
Type 3_str	BOBJ1	11.5	Before	Right Exterior Girder	11.5	0.95	1	1	12.482672
Type 3_str	BOBJ1	11.5	After	Left Exterior Girder	11.5	0.95	1	1	12.480915
Type 3_str	BOBJ1	11.5	After	Interior Girder 1	11.5	0.95	1	1	6.586758
Type 3_str	BOBJ1	11.5	After	Interior Girder 2	11.5	0.95	1	1	7.348132
Type 3_str	BOBJ1	11.5	After	Interior Girder 3	11.5	0.95	1	1	7.372166
Type 3_str	BOBJ1	11.5	After	Interior Girder 4	11.5	0.95	1	1	7.336612
Type 3_str	BOBJ1	11.5	After	Interior Girder 5	11.5	0.95	1	1	6.660361
Type 3_str	BOBJ1	11.5	After	Right Exterior Girder	11.5	0.95	1	1	12.480915
Type 3_str	BOBJ1	13.4167	Before	Left Exterior Girder	13.4167	0.95	1	1	12.387713
Type 3_str	BOBJ1	13.4167	Before	Interior Girder 1	13.4167	0.95	1	1	6.514509
Type 3_str	BOBJ1	13.4167	Before	Interior Girder 2	13.4167	0.95	1	1	7.26753
Type 3_str	BOBJ1	13.4167	Before	Interior Girder 3	13.4167	0.95	1	1	7.291299
Type 3_str	BOBJ1	13.4167	Before	Interior Girder 4	13.4167	0.95	1	1	7.256137
Type 3_str	BOBJ1	13.4167	Before	Interior Girder 5	13.4167	0.95	1	1	6.587305
Type 3_str	BOBJ1	13.4167	Before	Right Exterior Girder	13.4167	0.95	1	1	12.387712
Type 3_str	BOBJ1	13.4167	After	Left Exterior Girder	13.4167	0.95	1	1	10.261386
Type 3_str	BOBJ1	13.4167	After	Interior Girder 1	13.4167	0.95	1	1	5.512234
Type 3_str	BOBJ1	13.4167	After	Interior Girder 2	13.4167	0.95	1	1	6.111017
Type 3_str	BOBJ1	13.4167	After	Interior Girder 3	13.4167	0.95	1	1	6.082028
Type 3_str	BOBJ1	13.4167	After	Interior Girder 4	13.4167	0.95	1	1	6.100897
Type 3_str	BOBJ1	13.4167	After	Interior Girder 5	13.4167	0.95	1	1	5.566703
Type 3_str	BOBJ1	13.4167	After	Right Exterior Girder	13.4167	0.95	1	1	10.261386
Type 3_str	BOBJ1	15.3333	Before	Left Exterior Girder	15.3333	0.95	1	1	10.183975
Type 3_str	BOBJ1	15.3333	Before	Interior Girder 1	15.3333	0.95	1	1	5.450844
Type 3_str	BOBJ1	15.3333	Before	Interior Girder 2	15.3333	0.95	1	1	6.042948
Type 3_str	BOBJ1	15.3333	Before	Interior Girder 3	15.3333	0.95	1	1	6.014279
Type 3_str	BOBJ1	15.3333	Before	Interior Girder 4	15.3333	0.95	1	1	6.032942
Type 3_str	BOBJ1	15.3333	Before	Interior Girder 5	15.3333	0.95	1	1	5.504707
Type 3_str	BOBJ1	15.3333	Before	Right Exterior Girder	15.3333	0.95	1	1	10.183975
Type 3_str	BOBJ1	15.3333	After	Left Exterior Girder	15.3333	0.95	1	1	8.692014
Type 3_str	BOBJ1	15.3333	After	Interior Girder 1	15.3333	0.95	1	1	4.69741
Type 3_str	BOBJ1	15.3333	After	Interior Girder 2	15.3333	0.95	1	1	5.156208
Type 3_str	BOBJ1	15.3333	After	Interior Girder 3	15.3333	0.95	1	1	5.125666
Type 3_str	BOBJ1	15.3333	After	Interior Girder 4	15.3333	0.95	1	1	5.145594
Type 3_str	BOBJ1	15.3333	After	Interior Girder 5	15.3333	0.95	1	1	4.740042
Type 3_str	BOBJ1	15.3333	After	Right Exterior Girder	15.3333	0.95	1	1	8.692014
Type 3_str	BOBJ1	17.25	Before	Left Exterior Girder	17.25	0.95	1	1	8.625767
Type 3_str	BOBJ1	17.25	Before	Interior Girder 1	17.25	0.95	1	1	4.644278
Type 3_str	BOBJ1	17.25	Before	Interior Girder 2	17.25	0.95	1	1	5.097874
Type 3_str	BOBJ1	17.25	Before	Interior Girder 3	17.25	0.95	1	1	5.06767
Type 3_str	BOBJ1	17.25	Before	Interior Girder 4	17.25	0.95	1	1	5.087379
Type 3_str	BOBJ1	17.25	Before	Interior Girder 5	17.25	0.95	1	1	4.686428
Type 3_str	BOBJ1	17.25	Before	Right Exterior Girder	17.25	0.95	1	1	8.625767
Type 3_str	BOBJ1	17.25	After	Left Exterior Girder	17.25	0.95	1	1	7.527872
Type 3_str	BOBJ1	17.25	After	Interior Girder 1	17.25	0.95	1	1	4.040327
Type 3_str	BOBJ1	17.25	After	Interior Girder 2	17.25	0.95	1	1	4.427388

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Main Span Stringers									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Type 3_str	BOBJ1	17.25	After	Interior Girder 3	17.25	0.95	1	1	4.396426
Type 3_str	BOBJ1	17.25	After	Interior Girder 4	17.25	0.95	1	1	4.416851
Type 3_str	BOBJ1	17.25	After	Interior Girder 5	17.25	0.95	1	1	4.075838
Type 3_str	BOBJ1	17.25	After	Right Exterior Girder	17.25	0.95	1	1	7.527872
Type 3_str	BOBJ1	19.1667	Before	Left Exterior Girder	19.1667	0.95	1	1	7.469906
Type 3_str	BOBJ1	19.1667	Before	Interior Girder 1	19.1667	0.95	1	1	3.993897
Type 3_str	BOBJ1	19.1667	Before	Interior Girder 2	19.1667	0.95	1	1	4.376502
Type 3_str	BOBJ1	19.1667	Before	Interior Girder 3	19.1667	0.95	1	1	4.345885
Type 3_str	BOBJ1	19.1667	Before	Interior Girder 4	19.1667	0.95	1	1	4.366086
Type 3_str	BOBJ1	19.1667	Before	Interior Girder 5	19.1667	0.95	1	1	4.029
Type 3_str	BOBJ1	19.1667	Before	Right Exterior Girder	19.1667	0.95	1	1	7.469906
Type 3_str	BOBJ1	19.1667	After	Left Exterior Girder	19.1667	0.95	1	1	6.599121
Type 3_str	BOBJ1	19.1667	After	Interior Girder 1	19.1667	0.95	1	1	3.46838
Type 3_str	BOBJ1	19.1667	After	Interior Girder 2	19.1667	0.95	1	1	3.818719
Type 3_str	BOBJ1	19.1667	After	Interior Girder 3	19.1667	0.95	1	1	3.791747
Type 3_str	BOBJ1	19.1667	After	Interior Girder 4	19.1667	0.95	1	1	3.808281
Type 3_str	BOBJ1	19.1667	After	Interior Girder 5	19.1667	0.95	1	1	3.499064
Type 3_str	BOBJ1	19.1667	After	Right Exterior Girder	19.1667	0.95	1	1	6.599121
Type 3_str	BOBJ1	21.0833	Before	Left Exterior Girder	21.0833	0.95	1	1	6.547776
Type 3_str	BOBJ1	21.0833	Before	Interior Girder 1	21.0833	0.95	1	1	3.427877
Type 3_str	BOBJ1	21.0833	Before	Interior Girder 2	21.0833	0.95	1	1	3.774118
Type 3_str	BOBJ1	21.0833	Before	Interior Girder 3	21.0833	0.95	1	1	3.747445
Type 3_str	BOBJ1	21.0833	Before	Interior Girder 4	21.0833	0.95	1	1	3.763802
Type 3_str	BOBJ1	21.0833	Before	Interior Girder 5	21.0833	0.95	1	1	3.458202
Type 3_str	BOBJ1	21.0833	Before	Right Exterior Girder	21.0833	0.95	1	1	6.547776
Type 3_str	BOBJ1	21.0833	After	Left Exterior Girder	21.0833	0.95	1	1	5.630604
Type 3_str	BOBJ1	21.0833	After	Interior Girder 1	21.0833	0.95	1	1	2.890755
Type 3_str	BOBJ1	21.0833	After	Interior Girder 2	21.0833	0.95	1	1	3.198374
Type 3_str	BOBJ1	21.0833	After	Interior Girder 3	21.0833	0.95	1	1	3.174429
Type 3_str	BOBJ1	21.0833	After	Interior Girder 4	21.0833	0.95	1	1	3.189602
Type 3_str	BOBJ1	21.0833	After	Interior Girder 5	21.0833	0.95	1	1	2.918344
Type 3_str	BOBJ1	21.0833	After	Right Exterior Girder	21.0833	0.95	1	1	5.630604
Type 3_str	BOBJ1	23	Before	Left Exterior Girder	23	0.95	1	1	5.586352
Type 3_str	BOBJ1	23	Before	Interior Girder 1	23	0.95	1	1	2.856416
Type 3_str	BOBJ1	23	Before	Interior Girder 2	23	0.95	1	1	3.160413
Type 3_str	BOBJ1	23	Before	Interior Girder 3	23	0.95	1	1	3.136731
Type 3_str	BOBJ1	23	Before	Interior Girder 4	23	0.95	1	1	3.151745
Type 3_str	BOBJ1	23	Before	Interior Girder 5	23	0.95	1	1	2.883678
Type 3_str	BOBJ1	23	Before	Right Exterior Girder	23	0.95	1	1	5.586352
Type 3S2_str	BOBJ1	0	After	Left Exterior Girder	0	0.95	1	1	5.834122
Type 3S2_str	BOBJ1	0	After	Interior Girder 1	0	0.95	1	1	3.005682
Type 3S2_str	BOBJ1	0	After	Interior Girder 2	0	0.95	1	1	3.311381
Type 3S2_str	BOBJ1	0	After	Interior Girder 3	0	0.95	1	1	3.286113
Type 3S2_str	BOBJ1	0	After	Interior Girder 4	0	0.95	1	1	3.302204
Type 3S2_str	BOBJ1	0	After	Interior Girder 5	0	0.95	1	1	3.033649
Type 3S2_str	BOBJ1	0	After	Right Exterior Girder	0	0.95	1	1	5.834121
Type 3S2_str	BOBJ1	1.9167	Before	Left Exterior Girder	1.9167	0.95	1	1	5.880346
Type 3S2_str	BOBJ1	1.9167	Before	Interior Girder 1	1.9167	0.95	1	1	3.041779
Type 3S2_str	BOBJ1	1.9167	Before	Interior Girder 2	1.9167	0.95	1	1	3.35115
Type 3S2_str	BOBJ1	1.9167	Before	Interior Girder 3	1.9167	0.95	1	1	3.325601
Type 3S2_str	BOBJ1	1.9167	Before	Interior Girder 4	1.9167	0.95	1	1	3.341863
Type 3S2_str	BOBJ1	1.9167	Before	Interior Girder 5	1.9167	0.95	1	1	3.070082
Type 3S2_str	BOBJ1	1.9167	Before	Right Exterior Girder	1.9167	0.95	1	1	5.880345
Type 3S2_str	BOBJ1	1.9167	After	Left Exterior Girder	1.9167	0.95	1	1	6.688488
Type 3S2_str	BOBJ1	1.9167	After	Interior Girder 1	1.9167	0.95	1	1	3.535901
Type 3S2_str	BOBJ1	1.9167	After	Interior Girder 2	1.9167	0.95	1	1	3.873172
Type 3S2_str	BOBJ1	1.9167	After	Interior Girder 3	1.9167	0.95	1	1	3.845309
Type 3S2_str	BOBJ1	1.9167	After	Interior Girder 4	1.9167	0.95	1	1	3.862642
Type 3S2_str	BOBJ1	1.9167	After	Interior Girder 5	1.9167	0.95	1	1	3.566522
Type 3S2_str	BOBJ1	1.9167	After	Right Exterior Girder	1.9167	0.95	1	1	6.688488
Type 3S2_str	BOBJ1	3.8333	Before	Left Exterior Girder	3.8333	0.95	1	1	6.740929
Type 3S2_str	BOBJ1	3.8333	Before	Interior Girder 1	3.8333	0.95	1	1	3.577663
Type 3S2_str	BOBJ1	3.8333	Before	Interior Girder 2	3.8333	0.95	1	1	3.91893
Type 3S2_str	BOBJ1	3.8333	Before	Interior Girder 3	3.8333	0.95	1	1	3.890755
Type 3S2_str	BOBJ1	3.8333	Before	Interior Girder 4	3.8333	0.95	1	1	3.908275

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Main Span Stringers									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Type 3S2_str	BOBJ1	3.8333	Before	Interior Girder 5	3.8333	0.95	1	1	3.608646
Type 3S2_str	BOBJ1	3.8333	Before	Right Exterior Girder	3.8333	0.95	1	1	6.740929
Type 3S2_str	BOBJ1	3.8333	After	Left Exterior Girder	3.8333	0.95	1	1	7.824076
Type 3S2_str	BOBJ1	3.8333	After	Interior Girder 1	3.8333	0.95	1	1	4.192524
Type 3S2_str	BOBJ1	3.8333	After	Interior Girder 2	3.8333	0.95	1	1	4.581993
Type 3S2_str	BOBJ1	3.8333	After	Interior Girder 3	3.8333	0.95	1	1	4.548214
Type 3S2_str	BOBJ1	3.8333	After	Interior Girder 4	3.8333	0.95	1	1	4.570423
Type 3S2_str	BOBJ1	3.8333	After	Interior Girder 5	3.8333	0.95	1	1	4.228402
Type 3S2_str	BOBJ1	3.8333	After	Right Exterior Girder	3.8333	0.95	1	1	7.824076
Type 3S2_str	BOBJ1	5.75	Before	Left Exterior Girder	5.75	0.95	1	1	7.884784
Type 3S2_str	BOBJ1	5.75	Before	Interior Girder 1	5.75	0.95	1	1	4.24124
Type 3S2_str	BOBJ1	5.75	Before	Interior Girder 2	5.75	0.95	1	1	4.635255
Type 3S2_str	BOBJ1	5.75	Before	Interior Girder 3	5.75	0.95	1	1	4.601095
Type 3S2_str	BOBJ1	5.75	Before	Interior Girder 4	5.75	0.95	1	1	4.62355
Type 3S2_str	BOBJ1	5.75	Before	Interior Girder 5	5.75	0.95	1	1	4.277535
Type 3S2_str	BOBJ1	5.75	Before	Right Exterior Girder	5.75	0.95	1	1	7.884784
Type 3S2_str	BOBJ1	5.75	After	Left Exterior Girder	5.75	0.95	1	1	9.387109
Type 3S2_str	BOBJ1	5.75	After	Interior Girder 1	5.75	0.95	1	1	5.043217
Type 3S2_str	BOBJ1	5.75	After	Interior Girder 2	5.75	0.95	1	1	5.533147
Type 3S2_str	BOBJ1	5.75	After	Interior Girder 3	5.75	0.95	1	1	5.498532
Type 3S2_str	BOBJ1	5.75	After	Interior Girder 4	5.75	0.95	1	1	5.520857
Type 3S2_str	BOBJ1	5.75	After	Interior Girder 5	5.75	0.95	1	1	5.08791
Type 3S2_str	BOBJ1	5.75	After	Right Exterior Girder	5.75	0.95	1	1	9.387109
Type 3S2_str	BOBJ1	7.6667	Before	Left Exterior Girder	7.6667	0.95	1	1	9.459193
Type 3S2_str	BOBJ1	7.6667	Before	Interior Girder 1	7.6667	0.95	1	1	5.100889
Type 3S2_str	BOBJ1	7.6667	Before	Interior Girder 2	7.6667	0.95	1	1	5.596446
Type 3S2_str	BOBJ1	7.6667	Before	Interior Girder 3	7.6667	0.95	1	1	5.561443
Type 3S2_str	BOBJ1	7.6667	Before	Interior Girder 4	7.6667	0.95	1	1	5.584015
Type 3S2_str	BOBJ1	7.6667	Before	Interior Girder 5	7.6667	0.95	1	1	5.146093
Type 3S2_str	BOBJ1	7.6667	Before	Right Exterior Girder	7.6667	0.95	1	1	9.459193
Type 3S2_str	BOBJ1	7.6667	After	Left Exterior Girder	7.6667	0.95	1	1	11.171071
Type 3S2_str	BOBJ1	7.6667	After	Interior Girder 1	7.6667	0.95	1	1	5.980756
Type 3S2_str	BOBJ1	7.6667	After	Interior Girder 2	7.6667	0.95	1	1	6.629508
Type 3S2_str	BOBJ1	7.6667	After	Interior Girder 3	7.6667	0.95	1	1	6.59806
Type 3S2_str	BOBJ1	7.6667	After	Interior Girder 4	7.6667	0.95	1	1	6.61853
Type 3S2_str	BOBJ1	7.6667	After	Interior Girder 5	7.6667	0.95	1	1	6.039855
Type 3S2_str	BOBJ1	7.6667	After	Right Exterior Girder	7.6667	0.95	1	1	11.171071
Type 3S2_str	BOBJ1	9.5833	Before	Left Exterior Girder	9.5833	0.95	1	1	11.255974
Type 3S2_str	BOBJ1	9.5833	Before	Interior Girder 1	9.5833	0.95	1	1	6.048086
Type 3S2_str	BOBJ1	9.5833	Before	Interior Girder 2	9.5833	0.95	1	1	6.704164
Type 3S2_str	BOBJ1	9.5833	Before	Interior Girder 3	9.5833	0.95	1	1	6.672366
Type 3S2_str	BOBJ1	9.5833	Before	Interior Girder 4	9.5833	0.95	1	1	6.693062
Type 3S2_str	BOBJ1	9.5833	Before	Interior Girder 5	9.5833	0.95	1	1	6.10785
Type 3S2_str	BOBJ1	9.5833	Before	Right Exterior Girder	9.5833	0.95	1	1	11.255974
Type 3S2_str	BOBJ1	9.5833	After	Left Exterior Girder	9.5833	0.95	1	1	13.538975
Type 3S2_str	BOBJ1	9.5833	After	Interior Girder 1	9.5833	0.95	1	1	7.133795
Type 3S2_str	BOBJ1	9.5833	After	Interior Girder 2	9.5833	0.95	1	1	7.955518
Type 3S2_str	BOBJ1	9.5833	After	Interior Girder 3	9.5833	0.95	1	1	7.974024
Type 3S2_str	BOBJ1	9.5833	After	Interior Girder 4	9.5833	0.95	1	1	7.943073
Type 3S2_str	BOBJ1	9.5833	After	Interior Girder 5	9.5833	0.95	1	1	7.213354
Type 3S2_str	BOBJ1	9.5833	After	Right Exterior Girder	9.5833	0.95	1	1	13.538975
Type 3S2_str	BOBJ1	11.5	Before	Left Exterior Girder	11.5	0.95	1	1	13.640825
Type 3S2_str	BOBJ1	11.5	Before	Interior Girder 1	11.5	0.95	1	1	7.212881
Type 3S2_str	BOBJ1	11.5	Before	Interior Girder 2	11.5	0.95	1	1	8.043726
Type 3S2_str	BOBJ1	11.5	Before	Interior Girder 3	11.5	0.95	1	1	8.062439
Type 3S2_str	BOBJ1	11.5	Before	Interior Girder 4	11.5	0.95	1	1	8.031143
Type 3S2_str	BOBJ1	11.5	Before	Interior Girder 5	11.5	0.95	1	1	7.293322
Type 3S2_str	BOBJ1	11.5	Before	Right Exterior Girder	11.5	0.95	1	1	13.640825
Type 3S2_str	BOBJ1	11.5	After	Left Exterior Girder	11.5	0.95	1	1	13.638905
Type 3S2_str	BOBJ1	11.5	After	Interior Girder 1	11.5	0.95	1	1	7.210099
Type 3S2_str	BOBJ1	11.5	After	Interior Girder 2	11.5	0.95	1	1	8.04163
Type 3S2_str	BOBJ1	11.5	After	Interior Girder 3	11.5	0.95	1	1	8.06035
Type 3S2_str	BOBJ1	11.5	After	Interior Girder 4	11.5	0.95	1	1	8.02905
Type 3S2_str	BOBJ1	11.5	After	Interior Girder 5	11.5	0.95	1	1	7.290509
Type 3S2_str	BOBJ1	11.5	After	Right Exterior Girder	11.5	0.95	1	1	13.638905

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Main Span Stringers									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Type 3S2_str	BOBJ1	13.4167	Before	Left Exterior Girder	13.4167	0.95	1	1	13.537055
Type 3S2_str	BOBJ1	13.4167	Before	Interior Girder 1	13.4167	0.95	1	1	7.131013
Type 3S2_str	BOBJ1	13.4167	Before	Interior Girder 2	13.4167	0.95	1	1	7.953422
Type 3S2_str	BOBJ1	13.4167	Before	Interior Girder 3	13.4167	0.95	1	1	7.971934
Type 3S2_str	BOBJ1	13.4167	Before	Interior Girder 4	13.4167	0.95	1	1	7.94098
Type 3S2_str	BOBJ1	13.4167	Before	Interior Girder 5	13.4167	0.95	1	1	7.210541
Type 3S2_str	BOBJ1	13.4167	Before	Right Exterior Girder	13.4167	0.95	1	1	13.537055
Type 3S2_str	BOBJ1	13.4167	After	Left Exterior Girder	13.4167	0.95	1	1	11.254423
Type 3S2_str	BOBJ1	13.4167	After	Interior Girder 1	13.4167	0.95	1	1	6.045676
Type 3S2_str	BOBJ1	13.4167	After	Interior Girder 2	13.4167	0.95	1	1	6.702405
Type 3S2_str	BOBJ1	13.4167	After	Interior Girder 3	13.4167	0.95	1	1	6.670612
Type 3S2_str	BOBJ1	13.4167	After	Interior Girder 4	13.4167	0.95	1	1	6.691307
Type 3S2_str	BOBJ1	13.4167	After	Interior Girder 5	13.4167	0.95	1	1	6.105416
Type 3S2_str	BOBJ1	13.4167	After	Right Exterior Girder	13.4167	0.95	1	1	11.254423
Type 3S2_str	BOBJ1	15.3333	Before	Left Exterior Girder	15.3333	0.95	1	1	11.169521
Type 3S2_str	BOBJ1	15.3333	Before	Interior Girder 1	15.3333	0.95	1	1	5.978346
Type 3S2_str	BOBJ1	15.3333	Before	Interior Girder 2	15.3333	0.95	1	1	6.62775
Type 3S2_str	BOBJ1	15.3333	Before	Interior Girder 3	15.3333	0.95	1	1	6.596306
Type 3S2_str	BOBJ1	15.3333	Before	Interior Girder 4	15.3333	0.95	1	1	6.616775
Type 3S2_str	BOBJ1	15.3333	Before	Interior Girder 5	15.3333	0.95	1	1	6.03742
Type 3S2_str	BOBJ1	15.3333	Before	Right Exterior Girder	15.3333	0.95	1	1	11.169521
Type 3S2_str	BOBJ1	15.3333	After	Left Exterior Girder	15.3333	0.95	1	1	9.457954
Type 3S2_str	BOBJ1	15.3333	After	Interior Girder 1	15.3333	0.95	1	1	5.098763
Type 3S2_str	BOBJ1	15.3333	After	Interior Girder 2	15.3333	0.95	1	1	5.594977
Type 3S2_str	BOBJ1	15.3333	After	Interior Girder 3	15.3333	0.95	1	1	5.559957
Type 3S2_str	BOBJ1	15.3333	After	Interior Girder 4	15.3333	0.95	1	1	5.58255
Type 3S2_str	BOBJ1	15.3333	After	Interior Girder 5	15.3333	0.95	1	1	5.143948
Type 3S2_str	BOBJ1	15.3333	After	Right Exterior Girder	15.3333	0.95	1	1	9.457954
Type 3S2_str	BOBJ1	17.25	Before	Left Exterior Girder	17.25	0.95	1	1	9.38587
Type 3S2_str	BOBJ1	17.25	Before	Interior Girder 1	17.25	0.95	1	1	5.041091
Type 3S2_str	BOBJ1	17.25	Before	Interior Girder 2	17.25	0.95	1	1	5.531678
Type 3S2_str	BOBJ1	17.25	Before	Interior Girder 3	17.25	0.95	1	1	5.497046
Type 3S2_str	BOBJ1	17.25	Before	Interior Girder 4	17.25	0.95	1	1	5.519392
Type 3S2_str	BOBJ1	17.25	Before	Interior Girder 5	17.25	0.95	1	1	5.085765
Type 3S2_str	BOBJ1	17.25	Before	Right Exterior Girder	17.25	0.95	1	1	9.38587
Type 3S2_str	BOBJ1	17.25	After	Left Exterior Girder	17.25	0.95	1	1	7.883579
Type 3S2_str	BOBJ1	17.25	After	Interior Girder 1	17.25	0.95	1	1	4.239292
Type 3S2_str	BOBJ1	17.25	After	Interior Girder 2	17.25	0.95	1	1	4.634065
Type 3S2_str	BOBJ1	17.25	After	Interior Girder 3	17.25	0.95	1	1	4.599873
Type 3S2_str	BOBJ1	17.25	After	Interior Girder 4	17.25	0.95	1	1	4.622364
Type 3S2_str	BOBJ1	17.25	After	Interior Girder 5	17.25	0.95	1	1	4.275571
Type 3S2_str	BOBJ1	17.25	After	Right Exterior Girder	17.25	0.95	1	1	7.883579
Type 3S2_str	BOBJ1	19.1667	Before	Left Exterior Girder	19.1667	0.95	1	1	7.822874
Type 3S2_str	BOBJ1	19.1667	Before	Interior Girder 1	19.1667	0.95	1	1	4.190576
Type 3S2_str	BOBJ1	19.1667	Before	Interior Girder 2	19.1667	0.95	1	1	4.580804
Type 3S2_str	BOBJ1	19.1667	Before	Interior Girder 3	19.1667	0.95	1	1	4.546992
Type 3S2_str	BOBJ1	19.1667	Before	Interior Girder 4	19.1667	0.95	1	1	4.569237
Type 3S2_str	BOBJ1	19.1667	Before	Interior Girder 5	19.1667	0.95	1	1	4.226438
Type 3S2_str	BOBJ1	19.1667	Before	Right Exterior Girder	19.1667	0.95	1	1	7.822874
Type 3S2_str	BOBJ1	19.1667	After	Left Exterior Girder	19.1667	0.95	1	1	6.73978
Type 3S2_str	BOBJ1	19.1667	After	Interior Girder 1	19.1667	0.95	1	1	3.576145
Type 3S2_str	BOBJ1	19.1667	After	Interior Girder 2	19.1667	0.95	1	1	3.917849
Type 3S2_str	BOBJ1	19.1667	After	Interior Girder 3	19.1667	0.95	1	1	3.889623
Type 3S2_str	BOBJ1	19.1667	After	Interior Girder 4	19.1667	0.95	1	1	3.907198
Type 3S2_str	BOBJ1	19.1667	After	Interior Girder 5	19.1667	0.95	1	1	3.607115
Type 3S2_str	BOBJ1	19.1667	After	Right Exterior Girder	19.1667	0.95	1	1	6.73978
Type 3S2_str	BOBJ1	21.0833	Before	Left Exterior Girder	21.0833	0.95	1	1	6.687341
Type 3S2_str	BOBJ1	21.0833	Before	Interior Girder 1	21.0833	0.95	1	1	3.534383
Type 3S2_str	BOBJ1	21.0833	Before	Interior Girder 2	21.0833	0.95	1	1	3.872092
Type 3S2_str	BOBJ1	21.0833	Before	Interior Girder 3	21.0833	0.95	1	1	3.844178
Type 3S2_str	BOBJ1	21.0833	Before	Interior Girder 4	21.0833	0.95	1	1	3.861564
Type 3S2_str	BOBJ1	21.0833	Before	Interior Girder 5	21.0833	0.95	1	1	3.564991
Type 3S2_str	BOBJ1	21.0833	Before	Right Exterior Girder	21.0833	0.95	1	1	6.687341
Type 3S2_str	BOBJ1	21.0833	After	Left Exterior Girder	21.0833	0.95	1	1	5.881488
Type 3S2_str	BOBJ1	21.0833	After	Interior Girder 1	21.0833	0.95	1	1	3.038775

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Main Span Stringers									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Type 3S2_str	BOBJ1	21.0833	After	Interior Girder 2	21.0833	0.95	1	1	3.350699
Type 3S2_str	BOBJ1	21.0833	After	Interior Girder 3	21.0833	0.95	1	1	3.325138
Type 3S2_str	BOBJ1	21.0833	After	Interior Girder 4	21.0833	0.95	1	1	3.341413
Type 3S2_str	BOBJ1	21.0833	After	Interior Girder 5	21.0833	0.95	1	1	3.06705
Type 3S2_str	BOBJ1	21.0833	After	Right Exterior Girder	21.0833	0.95	1	1	5.881488
Type 3S2_str	BOBJ1	23	Before	Left Exterior Girder	23	0.95	1	1	5.835264
Type 3S2_str	BOBJ1	23	Before	Interior Girder 1	23	0.95	1	1	3.002678
Type 3S2_str	BOBJ1	23	Before	Interior Girder 2	23	0.95	1	1	3.31093
Type 3S2_str	BOBJ1	23	Before	Interior Girder 3	23	0.95	1	1	3.28565
Type 3S2_str	BOBJ1	23	Before	Interior Girder 4	23	0.95	1	1	3.301754
Type 3S2_str	BOBJ1	23	Before	Interior Girder 5	23	0.95	1	1	3.030617
Type 3S2_str	BOBJ1	23	Before	Right Exterior Girder	23	0.95	1	1	5.835264
Type 3-3_str	BOBJ1	0	After	Left Exterior Girder	0	0.95	1	1	6.906894
Type 3-3_str	BOBJ1	0	After	Interior Girder 1	0	0.95	1	1	3.524016
Type 3-3_str	BOBJ1	0	After	Interior Girder 2	0	0.95	1	1	3.901346
Type 3-3_str	BOBJ1	0	After	Interior Girder 3	0	0.95	1	1	3.87211
Type 3-3_str	BOBJ1	0	After	Interior Girder 4	0	0.95	1	1	3.890542
Type 3-3_str	BOBJ1	0	After	Interior Girder 5	0	0.95	1	1	3.557745
Type 3-3_str	BOBJ1	0	After	Right Exterior Girder	0	0.95	1	1	6.906893
Type 3-3_str	BOBJ1	1.9167	Before	Left Exterior Girder	1.9167	0.95	1	1	6.961618
Type 3-3_str	BOBJ1	1.9167	Before	Interior Girder 1	1.9167	0.95	1	1	3.566339
Type 3-3_str	BOBJ1	1.9167	Before	Interior Girder 2	1.9167	0.95	1	1	3.948201
Type 3-3_str	BOBJ1	1.9167	Before	Interior Girder 3	1.9167	0.95	1	1	3.91864
Type 3-3_str	BOBJ1	1.9167	Before	Interior Girder 4	1.9167	0.95	1	1	3.937267
Type 3-3_str	BOBJ1	1.9167	Before	Interior Girder 5	1.9167	0.95	1	1	3.600472
Type 3-3_str	BOBJ1	1.9167	Before	Right Exterior Girder	1.9167	0.95	1	1	6.961617
Type 3-3_str	BOBJ1	1.9167	After	Left Exterior Girder	1.9167	0.95	1	1	7.988393
Type 3-3_str	BOBJ1	1.9167	After	Interior Girder 1	1.9167	0.95	1	1	4.193713
Type 3-3_str	BOBJ1	1.9167	After	Interior Girder 2	1.9167	0.95	1	1	4.618038
Type 3-3_str	BOBJ1	1.9167	After	Interior Girder 3	1.9167	0.95	1	1	4.586938
Type 3-3_str	BOBJ1	1.9167	After	Interior Girder 4	1.9167	0.95	1	1	4.606152
Type 3-3_str	BOBJ1	1.9167	After	Interior Girder 5	1.9167	0.95	1	1	4.231743
Type 3-3_str	BOBJ1	1.9167	After	Right Exterior Girder	1.9167	0.95	1	1	7.988393
Type 3-3_str	BOBJ1	3.8333	Before	Left Exterior Girder	3.8333	0.95	1	1	8.051026
Type 3-3_str	BOBJ1	3.8333	Before	Interior Girder 1	3.8333	0.95	1	1	4.243244
Type 3-3_str	BOBJ1	3.8333	Before	Interior Girder 2	3.8333	0.95	1	1	4.672596
Type 3-3_str	BOBJ1	3.8333	Before	Interior Girder 3	3.8333	0.95	1	1	4.641149
Type 3-3_str	BOBJ1	3.8333	Before	Interior Girder 4	3.8333	0.95	1	1	4.660569
Type 3-3_str	BOBJ1	3.8333	Before	Interior Girder 5	3.8333	0.95	1	1	4.281723
Type 3-3_str	BOBJ1	3.8333	Before	Right Exterior Girder	3.8333	0.95	1	1	8.051026
Type 3-3_str	BOBJ1	3.8333	After	Left Exterior Girder	3.8333	0.95	1	1	9.072012
Type 3-3_str	BOBJ1	3.8333	After	Interior Girder 1	3.8333	0.95	1	1	4.851986
Type 3-3_str	BOBJ1	3.8333	After	Interior Girder 2	3.8333	0.95	1	1	5.315704
Type 3-3_str	BOBJ1	3.8333	After	Interior Girder 3	3.8333	0.95	1	1	5.278564
Type 3-3_str	BOBJ1	3.8333	After	Interior Girder 4	3.8333	0.95	1	1	5.303052
Type 3-3_str	BOBJ1	3.8333	After	Interior Girder 5	3.8333	0.95	1	1	4.894632
Type 3-3_str	BOBJ1	3.8333	After	Right Exterior Girder	3.8333	0.95	1	1	9.072012
Type 3-3_str	BOBJ1	5.75	Before	Left Exterior Girder	5.75	0.95	1	1	9.142403
Type 3-3_str	BOBJ1	5.75	Before	Interior Girder 1	5.75	0.95	1	1	4.908365
Type 3-3_str	BOBJ1	5.75	Before	Interior Girder 2	5.75	0.95	1	1	5.377494
Type 3-3_str	BOBJ1	5.75	Before	Interior Girder 3	5.75	0.95	1	1	5.339936
Type 3-3_str	BOBJ1	5.75	Before	Interior Girder 4	5.75	0.95	1	1	5.364696
Type 3-3_str	BOBJ1	5.75	Before	Interior Girder 5	5.75	0.95	1	1	4.951506
Type 3-3_str	BOBJ1	5.75	Before	Right Exterior Girder	5.75	0.95	1	1	9.142402
Type 3-3_str	BOBJ1	5.75	After	Left Exterior Girder	5.75	0.95	1	1	10.475529
Type 3-3_str	BOBJ1	5.75	After	Interior Girder 1	5.75	0.95	1	1	5.641859
Type 3-3_str	BOBJ1	5.75	After	Interior Girder 2	5.75	0.95	1	1	6.191919
Type 3-3_str	BOBJ1	5.75	After	Interior Girder 3	5.75	0.95	1	1	6.155263
Type 3-3_str	BOBJ1	5.75	After	Interior Girder 4	5.75	0.95	1	1	6.179172
Type 3-3_str	BOBJ1	5.75	After	Interior Girder 5	5.75	0.95	1	1	5.693062
Type 3-3_str	BOBJ1	5.75	After	Right Exterior Girder	5.75	0.95	1	1	10.475528
Type 3-3_str	BOBJ1	7.6667	Before	Left Exterior Girder	7.6667	0.95	1	1	10.555971
Type 3-3_str	BOBJ1	7.6667	Before	Interior Girder 1	7.6667	0.95	1	1	5.706376
Type 3-3_str	BOBJ1	7.6667	Before	Interior Girder 2	7.6667	0.95	1	1	6.262754
Type 3-3_str	BOBJ1	7.6667	Before	Interior Girder 3	7.6667	0.95	1	1	6.225687

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Main Span Stringers									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Type 3-3_str	BOBJ1	7.6667	Before	Interior Girder 4	7.6667	0.95	1	1	6.249862
Type 3-3_str	BOBJ1	7.6667	Before	Interior Girder 5	7.6667	0.95	1	1	5.758165
Type 3-3_str	BOBJ1	7.6667	Before	Right Exterior Girder	7.6667	0.95	1	1	10.555971
Type 3-3_str	BOBJ1	7.6667	After	Left Exterior Girder	7.6667	0.95	1	1	12.367971
Type 3-3_str	BOBJ1	7.6667	After	Interior Girder 1	7.6667	0.95	1	1	6.621551
Type 3-3_str	BOBJ1	7.6667	After	Interior Girder 2	7.6667	0.95	1	1	7.339812
Type 3-3_str	BOBJ1	7.6667	After	Interior Girder 3	7.6667	0.95	1	1	7.304995
Type 3-3_str	BOBJ1	7.6667	After	Interior Girder 4	7.6667	0.95	1	1	7.327658
Type 3-3_str	BOBJ1	7.6667	After	Interior Girder 5	7.6667	0.95	1	1	6.686982
Type 3-3_str	BOBJ1	7.6667	After	Right Exterior Girder	7.6667	0.95	1	1	12.367971
Type 3-3_str	BOBJ1	9.5833	Before	Left Exterior Girder	9.5833	0.95	1	1	12.461971
Type 3-3_str	BOBJ1	9.5833	Before	Interior Girder 1	9.5833	0.95	1	1	6.696096
Type 3-3_str	BOBJ1	9.5833	Before	Interior Girder 2	9.5833	0.95	1	1	7.422467
Type 3-3_str	BOBJ1	9.5833	Before	Interior Girder 3	9.5833	0.95	1	1	7.387262
Type 3-3_str	BOBJ1	9.5833	Before	Interior Girder 4	9.5833	0.95	1	1	7.410176
Type 3-3_str	BOBJ1	9.5833	Before	Interior Girder 5	9.5833	0.95	1	1	6.762263
Type 3-3_str	BOBJ1	9.5833	Before	Right Exterior Girder	9.5833	0.95	1	1	12.461971
Type 3-3_str	BOBJ1	9.5833	After	Left Exterior Girder	9.5833	0.95	1	1	15.044356
Type 3-3_str	BOBJ1	9.5833	After	Interior Girder 1	9.5833	0.95	1	1	7.913561
Type 3-3_str	BOBJ1	9.5833	After	Interior Girder 2	9.5833	0.95	1	1	8.827184
Type 3-3_str	BOBJ1	9.5833	After	Interior Girder 3	9.5833	0.95	1	1	8.856041
Type 3-3_str	BOBJ1	9.5833	After	Interior Girder 4	9.5833	0.95	1	1	8.813345
Type 3-3_str	BOBJ1	9.5833	After	Interior Girder 5	9.5833	0.95	1	1	8.00199
Type 3-3_str	BOBJ1	9.5833	After	Right Exterior Girder	9.5833	0.95	1	1	15.044356
Type 3-3_str	BOBJ1	11.5	Before	Left Exterior Girder	11.5	0.95	1	1	15.15753
Type 3-3_str	BOBJ1	11.5	Before	Interior Girder 1	11.5	0.95	1	1	8.001292
Type 3-3_str	BOBJ1	11.5	Before	Interior Girder 2	11.5	0.95	1	1	8.925057
Type 3-3_str	BOBJ1	11.5	Before	Interior Girder 3	11.5	0.95	1	1	8.954236
Type 3-3_str	BOBJ1	11.5	Before	Interior Girder 4	11.5	0.95	1	1	8.911065
Type 3-3_str	BOBJ1	11.5	Before	Interior Girder 5	11.5	0.95	1	1	8.090701
Type 3-3_str	BOBJ1	11.5	Before	Right Exterior Girder	11.5	0.95	1	1	15.15753
Type 3-3_str	BOBJ1	11.5	After	Left Exterior Girder	11.5	0.95	1	1	15.155397
Type 3-3_str	BOBJ1	11.5	After	Interior Girder 1	11.5	0.95	1	1	7.998206
Type 3-3_str	BOBJ1	11.5	After	Interior Girder 2	11.5	0.95	1	1	8.922731
Type 3-3_str	BOBJ1	11.5	After	Interior Girder 3	11.5	0.95	1	1	8.951916
Type 3-3_str	BOBJ1	11.5	After	Interior Girder 4	11.5	0.95	1	1	8.908743
Type 3-3_str	BOBJ1	11.5	After	Interior Girder 5	11.5	0.95	1	1	8.087581
Type 3-3_str	BOBJ1	11.5	After	Right Exterior Girder	11.5	0.95	1	1	15.155396
Type 3-3_str	BOBJ1	13.4167	Before	Left Exterior Girder	13.4167	0.95	1	1	15.042223
Type 3-3_str	BOBJ1	13.4167	Before	Interior Girder 1	13.4167	0.95	1	1	7.910475
Type 3-3_str	BOBJ1	13.4167	Before	Interior Girder 2	13.4167	0.95	1	1	8.824858
Type 3-3_str	BOBJ1	13.4167	Before	Interior Girder 3	13.4167	0.95	1	1	8.853721
Type 3-3_str	BOBJ1	13.4167	Before	Interior Girder 4	13.4167	0.95	1	1	8.811023
Type 3-3_str	BOBJ1	13.4167	Before	Interior Girder 5	13.4167	0.95	1	1	7.99887
Type 3-3_str	BOBJ1	13.4167	Before	Right Exterior Girder	13.4167	0.95	1	1	15.042222
Type 3-3_str	BOBJ1	13.4167	After	Left Exterior Girder	13.4167	0.95	1	1	12.460254
Type 3-3_str	BOBJ1	13.4167	After	Interior Girder 1	13.4167	0.95	1	1	6.693427
Type 3-3_str	BOBJ1	13.4167	After	Interior Girder 2	13.4167	0.95	1	1	7.42052
Type 3-3_str	BOBJ1	13.4167	After	Interior Girder 3	13.4167	0.95	1	1	7.38532
Type 3-3_str	BOBJ1	13.4167	After	Interior Girder 4	13.4167	0.95	1	1	7.408233
Type 3-3_str	BOBJ1	13.4167	After	Interior Girder 5	13.4167	0.95	1	1	6.759568
Type 3-3_str	BOBJ1	13.4167	After	Right Exterior Girder	13.4167	0.95	1	1	12.460254
Type 3-3_str	BOBJ1	15.3333	Before	Left Exterior Girder	15.3333	0.95	1	1	12.366255
Type 3-3_str	BOBJ1	15.3333	Before	Interior Girder 1	15.3333	0.95	1	1	6.618883
Type 3-3_str	BOBJ1	15.3333	Before	Interior Girder 2	15.3333	0.95	1	1	7.337866
Type 3-3_str	BOBJ1	15.3333	Before	Interior Girder 3	15.3333	0.95	1	1	7.303053
Type 3-3_str	BOBJ1	15.3333	Before	Interior Girder 4	15.3333	0.95	1	1	7.325715
Type 3-3_str	BOBJ1	15.3333	Before	Interior Girder 5	15.3333	0.95	1	1	6.684287
Type 3-3_str	BOBJ1	15.3333	Before	Right Exterior Girder	15.3333	0.95	1	1	12.366255
Type 3-3_str	BOBJ1	15.3333	After	Left Exterior Girder	15.3333	0.95	1	1	10.554588
Type 3-3_str	BOBJ1	15.3333	After	Interior Girder 1	15.3333	0.95	1	1	5.703998
Type 3-3_str	BOBJ1	15.3333	After	Interior Girder 2	15.3333	0.95	1	1	6.26111
Type 3-3_str	BOBJ1	15.3333	After	Interior Girder 3	15.3333	0.95	1	1	6.224024
Type 3-3_str	BOBJ1	15.3333	After	Interior Girder 4	15.3333	0.95	1	1	6.248221
Type 3-3_str	BOBJ1	15.3333	After	Interior Girder 5	15.3333	0.95	1	1	5.755765

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Main Span Stringers									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Type 3-3_str	BOBJ1	15.3333	After	Right Exterior Girder	15.3333	0.95	1	1	10.554588
Type 3-3_str	BOBJ1	17.25	Before	Left Exterior Girder	17.25	0.95	1	1	10.474146
Type 3-3_str	BOBJ1	17.25	Before	Interior Girder 1	17.25	0.95	1	1	5.63948
Type 3-3_str	BOBJ1	17.25	Before	Interior Girder 2	17.25	0.95	1	1	6.190275
Type 3-3_str	BOBJ1	17.25	Before	Interior Girder 3	17.25	0.95	1	1	6.153599
Type 3-3_str	BOBJ1	17.25	Before	Interior Girder 4	17.25	0.95	1	1	6.177532
Type 3-3_str	BOBJ1	17.25	Before	Interior Girder 5	17.25	0.95	1	1	5.690662
Type 3-3_str	BOBJ1	17.25	Before	Right Exterior Girder	17.25	0.95	1	1	10.474146
Type 3-3_str	BOBJ1	17.25	After	Left Exterior Girder	17.25	0.95	1	1	9.140988
Type 3-3_str	BOBJ1	17.25	After	Interior Girder 1	17.25	0.95	1	1	4.906111
Type 3-3_str	BOBJ1	17.25	After	Interior Girder 2	17.25	0.95	1	1	5.376114
Type 3-3_str	BOBJ1	17.25	After	Interior Girder 3	17.25	0.95	1	1	5.338518
Type 3-3_str	BOBJ1	17.25	After	Interior Girder 4	17.25	0.95	1	1	5.363319
Type 3-3_str	BOBJ1	17.25	After	Interior Girder 5	17.25	0.95	1	1	4.949232
Type 3-3_str	BOBJ1	17.25	After	Right Exterior Girder	17.25	0.95	1	1	9.140987
Type 3-3_str	BOBJ1	19.1667	Before	Left Exterior Girder	19.1667	0.95	1	1	9.0706
Type 3-3_str	BOBJ1	19.1667	Before	Interior Girder 1	19.1667	0.95	1	1	4.849732
Type 3-3_str	BOBJ1	19.1667	Before	Interior Girder 2	19.1667	0.95	1	1	5.314324
Type 3-3_str	BOBJ1	19.1667	Before	Interior Girder 3	19.1667	0.95	1	1	5.277146
Type 3-3_str	BOBJ1	19.1667	Before	Interior Girder 4	19.1667	0.95	1	1	5.301676
Type 3-3_str	BOBJ1	19.1667	Before	Interior Girder 5	19.1667	0.95	1	1	4.892358
Type 3-3_str	BOBJ1	19.1667	Before	Right Exterior Girder	19.1667	0.95	1	1	9.0706
Type 3-3_str	BOBJ1	19.1667	After	Left Exterior Girder	19.1667	0.95	1	1	8.049627
Type 3-3_str	BOBJ1	19.1667	After	Interior Girder 1	19.1667	0.95	1	1	4.241444
Type 3-3_str	BOBJ1	19.1667	After	Interior Girder 2	19.1667	0.95	1	1	4.671307
Type 3-3_str	BOBJ1	19.1667	After	Interior Girder 3	19.1667	0.95	1	1	4.639799
Type 3-3_str	BOBJ1	19.1667	After	Interior Girder 4	19.1667	0.95	1	1	4.659284
Type 3-3_str	BOBJ1	19.1667	After	Interior Girder 5	19.1667	0.95	1	1	4.279907
Type 3-3_str	BOBJ1	19.1667	After	Right Exterior Girder	19.1667	0.95	1	1	8.049627
Type 3-3_str	BOBJ1	21.0833	Before	Left Exterior Girder	21.0833	0.95	1	1	7.986997
Type 3-3_str	BOBJ1	21.0833	Before	Interior Girder 1	21.0833	0.95	1	1	4.191912
Type 3-3_str	BOBJ1	21.0833	Before	Interior Girder 2	21.0833	0.95	1	1	4.61675
Type 3-3_str	BOBJ1	21.0833	Before	Interior Girder 3	21.0833	0.95	1	1	4.585589
Type 3-3_str	BOBJ1	21.0833	Before	Interior Girder 4	21.0833	0.95	1	1	4.604866
Type 3-3_str	BOBJ1	21.0833	Before	Interior Girder 5	21.0833	0.95	1	1	4.229926
Type 3-3_str	BOBJ1	21.0833	Before	Right Exterior Girder	21.0833	0.95	1	1	7.986997
Type 3-3_str	BOBJ1	21.0833	After	Left Exterior Girder	21.0833	0.95	1	1	6.96297
Type 3-3_str	BOBJ1	21.0833	After	Interior Girder 1	21.0833	0.95	1	1	3.562817
Type 3-3_str	BOBJ1	21.0833	After	Interior Girder 2	21.0833	0.95	1	1	3.947669
Type 3-3_str	BOBJ1	21.0833	After	Interior Girder 3	21.0833	0.95	1	1	3.918094
Type 3-3_str	BOBJ1	21.0833	After	Interior Girder 4	21.0833	0.95	1	1	3.936736
Type 3-3_str	BOBJ1	21.0833	After	Interior Girder 5	21.0833	0.95	1	1	3.596916
Type 3-3_str	BOBJ1	21.0833	After	Right Exterior Girder	21.0833	0.95	1	1	6.96297
Type 3-3_str	BOBJ1	23	Before	Left Exterior Girder	23	0.95	1	1	6.908247
Type 3-3_str	BOBJ1	23	Before	Interior Girder 1	23	0.95	1	1	3.520494
Type 3-3_str	BOBJ1	23	Before	Interior Girder 2	23	0.95	1	1	3.900814
Type 3-3_str	BOBJ1	23	Before	Interior Girder 3	23	0.95	1	1	3.871564
Type 3-3_str	BOBJ1	23	Before	Interior Girder 4	23	0.95	1	1	3.890012
Type 3-3_str	BOBJ1	23	Before	Interior Girder 5	23	0.95	1	1	3.554189
Type 3-3_str	BOBJ1	23	Before	Right Exterior Girder	23	0.95	1	1	6.908246
EV2_str	BOBJ1	0	After	Left Exterior Girder	0	0.95	1	1	4.468628
EV2_str	BOBJ1	0	After	Interior Girder 1	0	0.95	1	1	2.29382
EV2_str	BOBJ1	0	After	Interior Girder 2	0	0.95	1	1	2.533677
EV2_str	BOBJ1	0	After	Interior Girder 3	0	0.95	1	1	2.520116
EV2_str	BOBJ1	0	After	Interior Girder 4	0	0.95	1	1	2.5283
EV2_str	BOBJ1	0	After	Interior Girder 5	0	0.95	1	1	2.316654
EV2_str	BOBJ1	0	After	Right Exterior Girder	0	0.95	1	1	4.468628
EV2_str	BOBJ1	1.9167	Before	Left Exterior Girder	1.9167	0.95	1	1	4.504033
EV2_str	BOBJ1	1.9167	Before	Interior Girder 1	1.9167	0.95	1	1	2.321368
EV2_str	BOBJ1	1.9167	Before	Interior Girder 2	1.9167	0.95	1	1	2.564106
EV2_str	BOBJ1	1.9167	Before	Interior Girder 3	1.9167	0.95	1	1	2.5504
EV2_str	BOBJ1	1.9167	Before	Interior Girder 4	1.9167	0.95	1	1	2.558665
EV2_str	BOBJ1	1.9167	Before	Interior Girder 5	1.9167	0.95	1	1	2.344476
EV2_str	BOBJ1	1.9167	Before	Right Exterior Girder	1.9167	0.95	1	1	4.504033
EV2_str	BOBJ1	1.9167	After	Left Exterior Girder	1.9167	0.95	1	1	5.175744

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Main Span Stringers									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
EV2_str	BOBJ1	1.9167	After	Interior Girder 1	1.9167	0.95	1	1	2.722749
EV2_str	BOBJ1	1.9167	After	Interior Girder 2	1.9167	0.95	1	1	3.004094
EV2_str	BOBJ1	1.9167	After	Interior Girder 3	1.9167	0.95	1	1	2.99035
EV2_str	BOBJ1	1.9167	After	Interior Girder 4	1.9167	0.95	1	1	2.998018
EV2_str	BOBJ1	1.9167	After	Interior Girder 5	1.9167	0.95	1	1	2.748324
EV2_str	BOBJ1	1.9167	After	Right Exterior Girder	1.9167	0.95	1	1	5.175744
EV2_str	BOBJ1	3.8333	Before	Left Exterior Girder	3.8333	0.95	1	1	5.216325
EV2_str	BOBJ1	3.8333	Before	Interior Girder 1	3.8333	0.95	1	1	2.754907
EV2_str	BOBJ1	3.8333	Before	Interior Girder 2	3.8333	0.95	1	1	3.039585
EV2_str	BOBJ1	3.8333	Before	Interior Girder 3	3.8333	0.95	1	1	3.025691
EV2_str	BOBJ1	3.8333	Before	Interior Girder 4	3.8333	0.95	1	1	3.033436
EV2_str	BOBJ1	3.8333	Before	Interior Girder 5	3.8333	0.95	1	1	2.780784
EV2_str	BOBJ1	3.8333	Before	Right Exterior Girder	3.8333	0.95	1	1	5.216324
EV2_str	BOBJ1	3.8333	After	Left Exterior Girder	3.8333	0.95	1	1	6.139011
EV2_str	BOBJ1	3.8333	After	Interior Girder 1	3.8333	0.95	1	1	3.268846
EV2_str	BOBJ1	3.8333	After	Interior Girder 2	3.8333	0.95	1	1	3.60537
EV2_str	BOBJ1	3.8333	After	Interior Girder 3	3.8333	0.95	1	1	3.586491
EV2_str	BOBJ1	3.8333	After	Interior Girder 4	3.8333	0.95	1	1	3.599034
EV2_str	BOBJ1	3.8333	After	Interior Girder 5	3.8333	0.95	1	1	3.299485
EV2_str	BOBJ1	3.8333	After	Right Exterior Girder	3.8333	0.95	1	1	6.139011
EV2_str	BOBJ1	5.75	Before	Left Exterior Girder	5.75	0.95	1	1	6.186644
EV2_str	BOBJ1	5.75	Before	Interior Girder 1	5.75	0.95	1	1	3.306829
EV2_str	BOBJ1	5.75	Before	Interior Girder 2	5.75	0.95	1	1	3.647279
EV2_str	BOBJ1	5.75	Before	Interior Girder 3	5.75	0.95	1	1	3.62819
EV2_str	BOBJ1	5.75	Before	Interior Girder 4	5.75	0.95	1	1	3.64087
EV2_str	BOBJ1	5.75	Before	Interior Girder 5	5.75	0.95	1	1	3.337824
EV2_str	BOBJ1	5.75	Before	Right Exterior Girder	5.75	0.95	1	1	6.186644
EV2_str	BOBJ1	5.75	After	Left Exterior Girder	5.75	0.95	1	1	7.501844
EV2_str	BOBJ1	5.75	After	Interior Girder 1	5.75	0.95	1	1	4.005781
EV2_str	BOBJ1	5.75	After	Interior Girder 2	5.75	0.95	1	1	4.437333
EV2_str	BOBJ1	5.75	After	Interior Girder 3	5.75	0.95	1	1	4.421161
EV2_str	BOBJ1	5.75	After	Interior Girder 4	5.75	0.95	1	1	4.431463
EV2_str	BOBJ1	5.75	After	Interior Girder 5	5.75	0.95	1	1	4.044393
EV2_str	BOBJ1	5.75	After	Right Exterior Girder	5.75	0.95	1	1	7.501844
EV2_str	BOBJ1	7.6667	Before	Left Exterior Girder	7.6667	0.95	1	1	7.559451
EV2_str	BOBJ1	7.6667	Before	Interior Girder 1	7.6667	0.95	1	1	4.05159
EV2_str	BOBJ1	7.6667	Before	Interior Girder 2	7.6667	0.95	1	1	4.488096
EV2_str	BOBJ1	7.6667	Before	Interior Girder 3	7.6667	0.95	1	1	4.471745
EV2_str	BOBJ1	7.6667	Before	Interior Girder 4	7.6667	0.95	1	1	4.482158
EV2_str	BOBJ1	7.6667	Before	Interior Girder 5	7.6667	0.95	1	1	4.090643
EV2_str	BOBJ1	7.6667	Before	Right Exterior Girder	7.6667	0.95	1	1	7.559451
EV2_str	BOBJ1	7.6667	After	Left Exterior Girder	7.6667	0.95	1	1	8.795663
EV2_str	BOBJ1	7.6667	After	Interior Girder 1	7.6667	0.95	1	1	4.715413
EV2_str	BOBJ1	7.6667	After	Interior Girder 2	7.6667	0.95	1	1	5.267571
EV2_str	BOBJ1	7.6667	After	Interior Girder 3	7.6667	0.95	1	1	5.260267
EV2_str	BOBJ1	7.6667	After	Interior Girder 4	7.6667	0.95	1	1	5.265107
EV2_str	BOBJ1	7.6667	After	Interior Girder 5	7.6667	0.95	1	1	4.766157
EV2_str	BOBJ1	7.6667	After	Right Exterior Girder	7.6667	0.95	1	1	8.795663
EV2_str	BOBJ1	9.5833	Before	Left Exterior Girder	9.5833	0.95	1	1	8.862512
EV2_str	BOBJ1	9.5833	Before	Interior Girder 1	9.5833	0.95	1	1	4.768499
EV2_str	BOBJ1	9.5833	Before	Interior Girder 2	9.5833	0.95	1	1	5.32689
EV2_str	BOBJ1	9.5833	Before	Interior Girder 3	9.5833	0.95	1	1	5.319507
EV2_str	BOBJ1	9.5833	Before	Interior Girder 4	9.5833	0.95	1	1	5.324398
EV2_str	BOBJ1	9.5833	Before	Interior Girder 5	9.5833	0.95	1	1	4.819814
EV2_str	BOBJ1	9.5833	Before	Right Exterior Girder	9.5833	0.95	1	1	8.862512
EV2_str	BOBJ1	9.5833	After	Left Exterior Girder	9.5833	0.95	1	1	10.381058
EV2_str	BOBJ1	9.5833	After	Interior Girder 1	9.5833	0.95	1	1	5.49648
EV2_str	BOBJ1	9.5833	After	Interior Girder 2	9.5833	0.95	1	1	6.136955
EV2_str	BOBJ1	9.5833	After	Interior Girder 3	9.5833	0.95	1	1	6.196243
EV2_str	BOBJ1	9.5833	After	Interior Girder 4	9.5833	0.95	1	1	6.135621
EV2_str	BOBJ1	9.5833	After	Interior Girder 5	9.5833	0.95	1	1	5.562127
EV2_str	BOBJ1	9.5833	After	Right Exterior Girder	9.5833	0.95	1	1	10.381059
EV2_str	BOBJ1	11.5	Before	Left Exterior Girder	11.5	0.95	1	1	10.459152
EV2_str	BOBJ1	11.5	Before	Interior Girder 1	11.5	0.95	1	1	5.557414
EV2_str	BOBJ1	11.5	Before	Interior Girder 2	11.5	0.95	1	1	6.205

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Main Span Stringers									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
EV2_str	BOBJ1	11.5	Before	Interior Girder 3	11.5	0.95	1	1	6.264947
EV2_str	BOBJ1	11.5	Before	Interior Girder 4	11.5	0.95	1	1	6.203651
EV2_str	BOBJ1	11.5	Before	Interior Girder 5	11.5	0.95	1	1	5.623789
EV2_str	BOBJ1	11.5	Before	Right Exterior Girder	11.5	0.95	1	1	10.459152
EV2_str	BOBJ1	11.5	After	Left Exterior Girder	11.5	0.95	1	1	10.45768
EV2_str	BOBJ1	11.5	After	Interior Girder 1	11.5	0.95	1	1	5.555271
EV2_str	BOBJ1	11.5	After	Interior Girder 2	11.5	0.95	1	1	6.203383
EV2_str	BOBJ1	11.5	After	Interior Girder 3	11.5	0.95	1	1	6.263323
EV2_str	BOBJ1	11.5	After	Interior Girder 4	11.5	0.95	1	1	6.202034
EV2_str	BOBJ1	11.5	After	Interior Girder 5	11.5	0.95	1	1	5.62162
EV2_str	BOBJ1	11.5	After	Right Exterior Girder	11.5	0.95	1	1	10.45768
EV2_str	BOBJ1	13.4167	Before	Left Exterior Girder	13.4167	0.95	1	1	10.379586
EV2_str	BOBJ1	13.4167	Before	Interior Girder 1	13.4167	0.95	1	1	5.494336
EV2_str	BOBJ1	13.4167	Before	Interior Girder 2	13.4167	0.95	1	1	6.135338
EV2_str	BOBJ1	13.4167	Before	Interior Girder 3	13.4167	0.95	1	1	6.19462
EV2_str	BOBJ1	13.4167	Before	Interior Girder 4	13.4167	0.95	1	1	6.134004
EV2_str	BOBJ1	13.4167	Before	Interior Girder 5	13.4167	0.95	1	1	5.559958
EV2_str	BOBJ1	13.4167	Before	Right Exterior Girder	13.4167	0.95	1	1	10.379586
EV2_str	BOBJ1	13.4167	After	Left Exterior Girder	13.4167	0.95	1	1	8.861292
EV2_str	BOBJ1	13.4167	After	Interior Girder 1	13.4167	0.95	1	1	4.766598
EV2_str	BOBJ1	13.4167	After	Interior Girder 2	13.4167	0.95	1	1	5.325493
EV2_str	BOBJ1	13.4167	After	Interior Girder 3	13.4167	0.95	1	1	5.318108
EV2_str	BOBJ1	13.4167	After	Interior Girder 4	13.4167	0.95	1	1	5.323001
EV2_str	BOBJ1	13.4167	After	Interior Girder 5	13.4167	0.95	1	1	4.817893
EV2_str	BOBJ1	13.4167	After	Right Exterior Girder	13.4167	0.95	1	1	8.861292
EV2_str	BOBJ1	15.3333	Before	Left Exterior Girder	15.3333	0.95	1	1	8.794443
EV2_str	BOBJ1	15.3333	Before	Interior Girder 1	15.3333	0.95	1	1	4.713513
EV2_str	BOBJ1	15.3333	Before	Interior Girder 2	15.3333	0.95	1	1	5.266174
EV2_str	BOBJ1	15.3333	Before	Interior Girder 3	15.3333	0.95	1	1	5.258868
EV2_str	BOBJ1	15.3333	Before	Interior Girder 4	15.3333	0.95	1	1	5.26371
EV2_str	BOBJ1	15.3333	Before	Interior Girder 5	15.3333	0.95	1	1	4.764236
EV2_str	BOBJ1	15.3333	Before	Right Exterior Girder	15.3333	0.95	1	1	8.794443
EV2_str	BOBJ1	15.3333	After	Left Exterior Girder	15.3333	0.95	1	1	7.558461
EV2_str	BOBJ1	15.3333	After	Interior Girder 1	15.3333	0.95	1	1	4.049901
EV2_str	BOBJ1	15.3333	After	Interior Girder 2	15.3333	0.95	1	1	4.486918
EV2_str	BOBJ1	15.3333	After	Interior Girder 3	15.3333	0.95	1	1	4.47055
EV2_str	BOBJ1	15.3333	After	Interior Girder 4	15.3333	0.95	1	1	4.480982
EV2_str	BOBJ1	15.3333	After	Interior Girder 5	15.3333	0.95	1	1	4.088938
EV2_str	BOBJ1	15.3333	After	Right Exterior Girder	15.3333	0.95	1	1	7.55846
EV2_str	BOBJ1	17.25	Before	Left Exterior Girder	17.25	0.95	1	1	7.500854
EV2_str	BOBJ1	17.25	Before	Interior Girder 1	17.25	0.95	1	1	4.004092
EV2_str	BOBJ1	17.25	Before	Interior Girder 2	17.25	0.95	1	1	4.436155
EV2_str	BOBJ1	17.25	Before	Interior Girder 3	17.25	0.95	1	1	4.419966
EV2_str	BOBJ1	17.25	Before	Interior Girder 4	17.25	0.95	1	1	4.430287
EV2_str	BOBJ1	17.25	Before	Interior Girder 5	17.25	0.95	1	1	4.042688
EV2_str	BOBJ1	17.25	Before	Right Exterior Girder	17.25	0.95	1	1	7.500853
EV2_str	BOBJ1	17.25	After	Left Exterior Girder	17.25	0.95	1	1	6.185965
EV2_str	BOBJ1	17.25	After	Interior Girder 1	17.25	0.95	1	1	3.30531
EV2_str	BOBJ1	17.25	After	Interior Girder 2	17.25	0.95	1	1	3.646343
EV2_str	BOBJ1	17.25	After	Interior Girder 3	17.25	0.95	1	1	3.627227
EV2_str	BOBJ1	17.25	After	Interior Girder 4	17.25	0.95	1	1	3.639935
EV2_str	BOBJ1	17.25	After	Interior Girder 5	17.25	0.95	1	1	3.336291
EV2_str	BOBJ1	17.25	After	Right Exterior Girder	17.25	0.95	1	1	6.185964
EV2_str	BOBJ1	19.1667	Before	Left Exterior Girder	19.1667	0.95	1	1	6.138331
EV2_str	BOBJ1	19.1667	Before	Interior Girder 1	19.1667	0.95	1	1	3.267327
EV2_str	BOBJ1	19.1667	Before	Interior Girder 2	19.1667	0.95	1	1	3.604434
EV2_str	BOBJ1	19.1667	Before	Interior Girder 3	19.1667	0.95	1	1	3.585528
EV2_str	BOBJ1	19.1667	Before	Interior Girder 4	19.1667	0.95	1	1	3.5981
EV2_str	BOBJ1	19.1667	Before	Interior Girder 5	19.1667	0.95	1	1	3.297952
EV2_str	BOBJ1	19.1667	Before	Right Exterior Girder	19.1667	0.95	1	1	6.138331
EV2_str	BOBJ1	19.1667	After	Left Exterior Girder	19.1667	0.95	1	1	5.215659
EV2_str	BOBJ1	19.1667	After	Interior Girder 1	19.1667	0.95	1	1	2.753738
EV2_str	BOBJ1	19.1667	After	Interior Girder 2	19.1667	0.95	1	1	3.038746
EV2_str	BOBJ1	19.1667	After	Interior Girder 3	19.1667	0.95	1	1	3.024812
EV2_str	BOBJ1	19.1667	After	Interior Girder 4	19.1667	0.95	1	1	3.0326

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Main Span Stringers									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
EV2_str	BOBJ1	19.1667	After	Interior Girder 5	19.1667	0.95	1	1	2.779604
EV2_str	BOBJ1	19.1667	After	Right Exterior Girder	19.1667	0.95	1	1	5.215658
EV2_str	BOBJ1	21.0833	Before	Left Exterior Girder	21.0833	0.95	1	1	5.175078
EV2_str	BOBJ1	21.0833	Before	Interior Girder 1	21.0833	0.95	1	1	2.72158
EV2_str	BOBJ1	21.0833	Before	Interior Girder 2	21.0833	0.95	1	1	3.003256
EV2_str	BOBJ1	21.0833	Before	Interior Girder 3	21.0833	0.95	1	1	2.98947
EV2_str	BOBJ1	21.0833	Before	Interior Girder 4	21.0833	0.95	1	1	2.997181
EV2_str	BOBJ1	21.0833	Before	Interior Girder 5	21.0833	0.95	1	1	2.747144
EV2_str	BOBJ1	21.0833	Before	Right Exterior Girder	21.0833	0.95	1	1	5.175078
EV2_str	BOBJ1	21.0833	After	Left Exterior Girder	21.0833	0.95	1	1	4.504908
EV2_str	BOBJ1	21.0833	After	Interior Girder 1	21.0833	0.95	1	1	2.319075
EV2_str	BOBJ1	21.0833	After	Interior Girder 2	21.0833	0.95	1	1	2.563761
EV2_str	BOBJ1	21.0833	After	Interior Girder 3	21.0833	0.95	1	1	2.550045
EV2_str	BOBJ1	21.0833	After	Interior Girder 4	21.0833	0.95	1	1	2.55832
EV2_str	BOBJ1	21.0833	After	Interior Girder 5	21.0833	0.95	1	1	2.342161
EV2_str	BOBJ1	21.0833	After	Right Exterior Girder	21.0833	0.95	1	1	4.504908
EV2_str	BOBJ1	23	Before	Left Exterior Girder	23	0.95	1	1	4.469503
EV2_str	BOBJ1	23	Before	Interior Girder 1	23	0.95	1	1	2.291527
EV2_str	BOBJ1	23	Before	Interior Girder 2	23	0.95	1	1	2.533332
EV2_str	BOBJ1	23	Before	Interior Girder 3	23	0.95	1	1	2.519761
EV2_str	BOBJ1	23	Before	Interior Girder 4	23	0.95	1	1	2.527956
EV2_str	BOBJ1	23	Before	Interior Girder 5	23	0.95	1	1	2.314338
EV2_str	BOBJ1	23	Before	Right Exterior Girder	23	0.95	1	1	4.469503
EV3_str	BOBJ1	0	After	Left Exterior Girder	0	0.95	1	1	2.971696
EV3_str	BOBJ1	0	After	Interior Girder 1	0	0.95	1	1	1.528423
EV3_str	BOBJ1	0	After	Interior Girder 2	0	0.95	1	1	1.685502
EV3_str	BOBJ1	0	After	Interior Girder 3	0	0.95	1	1	1.672775
EV3_str	BOBJ1	0	After	Interior Girder 4	0	0.95	1	1	1.680866
EV3_str	BOBJ1	0	After	Interior Girder 5	0	0.95	1	1	1.54276
EV3_str	BOBJ1	0	After	Right Exterior Girder	0	0.95	1	1	2.971696
EV3_str	BOBJ1	1.9167	Before	Left Exterior Girder	1.9167	0.95	1	1	2.995241
EV3_str	BOBJ1	1.9167	Before	Interior Girder 1	1.9167	0.95	1	1	1.546779
EV3_str	BOBJ1	1.9167	Before	Interior Girder 2	1.9167	0.95	1	1	1.705745
EV3_str	BOBJ1	1.9167	Before	Interior Girder 3	1.9167	0.95	1	1	1.692876
EV3_str	BOBJ1	1.9167	Before	Interior Girder 4	1.9167	0.95	1	1	1.701053
EV3_str	BOBJ1	1.9167	Before	Interior Girder 5	1.9167	0.95	1	1	1.561288
EV3_str	BOBJ1	1.9167	Before	Right Exterior Girder	1.9167	0.95	1	1	2.995241
EV3_str	BOBJ1	1.9167	After	Left Exterior Girder	1.9167	0.95	1	1	3.440078
EV3_str	BOBJ1	1.9167	After	Interior Girder 1	1.9167	0.95	1	1	1.812233
EV3_str	BOBJ1	1.9167	After	Interior Girder 2	1.9167	0.95	1	1	1.989056
EV3_str	BOBJ1	1.9167	After	Interior Girder 3	1.9167	0.95	1	1	1.974879
EV3_str	BOBJ1	1.9167	After	Interior Girder 4	1.9167	0.95	1	1	1.983667
EV3_str	BOBJ1	1.9167	After	Interior Girder 5	1.9167	0.95	1	1	1.828156
EV3_str	BOBJ1	1.9167	After	Right Exterior Girder	1.9167	0.95	1	1	3.440077
EV3_str	BOBJ1	3.8333	Before	Left Exterior Girder	3.8333	0.95	1	1	3.46705
EV3_str	BOBJ1	3.8333	Before	Interior Girder 1	3.8333	0.95	1	1	1.833637
EV3_str	BOBJ1	3.8333	Before	Interior Girder 2	3.8333	0.95	1	1	2.012555
EV3_str	BOBJ1	3.8333	Before	Interior Girder 3	3.8333	0.95	1	1	1.998219
EV3_str	BOBJ1	3.8333	Before	Interior Girder 4	3.8333	0.95	1	1	2.007103
EV3_str	BOBJ1	3.8333	Before	Interior Girder 5	3.8333	0.95	1	1	1.849749
EV3_str	BOBJ1	3.8333	Before	Right Exterior Girder	3.8333	0.95	1	1	3.467049
EV3_str	BOBJ1	3.8333	After	Left Exterior Girder	3.8333	0.95	1	1	4.071452
EV3_str	BOBJ1	3.8333	After	Interior Girder 1	3.8333	0.95	1	1	2.172325
EV3_str	BOBJ1	3.8333	After	Interior Girder 2	3.8333	0.95	1	1	2.379144
EV3_str	BOBJ1	3.8333	After	Interior Girder 3	3.8333	0.95	1	1	2.361776
EV3_str	BOBJ1	3.8333	After	Interior Girder 4	3.8333	0.95	1	1	2.373108
EV3_str	BOBJ1	3.8333	After	Interior Girder 5	3.8333	0.95	1	1	2.190948
EV3_str	BOBJ1	3.8333	After	Right Exterior Girder	3.8333	0.95	1	1	4.071452
EV3_str	BOBJ1	5.75	Before	Left Exterior Girder	5.75	0.95	1	1	4.103043
EV3_str	BOBJ1	5.75	Before	Interior Girder 1	5.75	0.95	1	1	2.197567
EV3_str	BOBJ1	5.75	Before	Interior Girder 2	5.75	0.95	1	1	2.406799
EV3_str	BOBJ1	5.75	Before	Interior Girder 3	5.75	0.95	1	1	2.389236
EV3_str	BOBJ1	5.75	Before	Interior Girder 4	5.75	0.95	1	1	2.400693
EV3_str	BOBJ1	5.75	Before	Interior Girder 5	5.75	0.95	1	1	2.216406
EV3_str	BOBJ1	5.75	Before	Right Exterior Girder	5.75	0.95	1	1	4.103042

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Main Span Stringers									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
EV3_str	BOBJ1	5.75	After	Left Exterior Girder	5.75	0.95	1	1	4.730884
EV3_str	BOBJ1	5.75	After	Interior Girder 1	5.75	0.95	1	1	2.547936
EV3_str	BOBJ1	5.75	After	Interior Girder 2	5.75	0.95	1	1	2.79635
EV3_str	BOBJ1	5.75	After	Interior Girder 3	5.75	0.95	1	1	2.779796
EV3_str	BOBJ1	5.75	After	Interior Girder 4	5.75	0.95	1	1	2.790594
EV3_str	BOBJ1	5.75	After	Interior Girder 5	5.75	0.95	1	1	2.57106
EV3_str	BOBJ1	5.75	After	Right Exterior Girder	5.75	0.95	1	1	4.730884
EV3_str	BOBJ1	7.6667	Before	Left Exterior Girder	7.6667	0.95	1	1	4.767213
EV3_str	BOBJ1	7.6667	Before	Interior Girder 1	7.6667	0.95	1	1	2.577073
EV3_str	BOBJ1	7.6667	Before	Interior Girder 2	7.6667	0.95	1	1	2.82834
EV3_str	BOBJ1	7.6667	Before	Interior Girder 3	7.6667	0.95	1	1	2.811601
EV3_str	BOBJ1	7.6667	Before	Interior Girder 4	7.6667	0.95	1	1	2.822518
EV3_str	BOBJ1	7.6667	Before	Interior Girder 5	7.6667	0.95	1	1	2.600462
EV3_str	BOBJ1	7.6667	Before	Right Exterior Girder	7.6667	0.95	1	1	4.767212
EV3_str	BOBJ1	7.6667	After	Left Exterior Girder	7.6667	0.95	1	1	5.585536
EV3_str	BOBJ1	7.6667	After	Interior Girder 1	7.6667	0.95	1	1	2.990378
EV3_str	BOBJ1	7.6667	After	Interior Girder 2	7.6667	0.95	1	1	3.314754
EV3_str	BOBJ1	7.6667	After	Interior Girder 3	7.6667	0.95	1	1	3.29903
EV3_str	BOBJ1	7.6667	After	Interior Girder 4	7.6667	0.95	1	1	3.309265
EV3_str	BOBJ1	7.6667	After	Interior Girder 5	7.6667	0.95	1	1	3.019927
EV3_str	BOBJ1	7.6667	After	Right Exterior Girder	7.6667	0.95	1	1	5.585536
EV3_str	BOBJ1	9.5833	Before	Left Exterior Girder	9.5833	0.95	1	1	5.627987
EV3_str	BOBJ1	9.5833	Before	Interior Girder 1	9.5833	0.95	1	1	3.024043
EV3_str	BOBJ1	9.5833	Before	Interior Girder 2	9.5833	0.95	1	1	3.352082
EV3_str	BOBJ1	9.5833	Before	Interior Girder 3	9.5833	0.95	1	1	3.336183
EV3_str	BOBJ1	9.5833	Before	Interior Girder 4	9.5833	0.95	1	1	3.346531
EV3_str	BOBJ1	9.5833	Before	Interior Girder 5	9.5833	0.95	1	1	3.053925
EV3_str	BOBJ1	9.5833	Before	Right Exterior Girder	9.5833	0.95	1	1	5.627987
EV3_str	BOBJ1	9.5833	After	Left Exterior Girder	9.5833	0.95	1	1	6.794225
EV3_str	BOBJ1	9.5833	After	Interior Girder 1	9.5833	0.95	1	1	3.573866
EV3_str	BOBJ1	9.5833	After	Interior Girder 2	9.5833	0.95	1	1	3.98647
EV3_str	BOBJ1	9.5833	After	Interior Girder 3	9.5833	0.95	1	1	3.999503
EV3_str	BOBJ1	9.5833	After	Interior Girder 4	9.5833	0.95	1	1	3.98022
EV3_str	BOBJ1	9.5833	After	Interior Girder 5	9.5833	0.95	1	1	3.613802
EV3_str	BOBJ1	9.5833	After	Right Exterior Girder	9.5833	0.95	1	1	6.794225
EV3_str	BOBJ1	11.5	Before	Left Exterior Girder	11.5	0.95	1	1	6.845336
EV3_str	BOBJ1	11.5	Before	Interior Girder 1	11.5	0.95	1	1	3.613486
EV3_str	BOBJ1	11.5	Before	Interior Girder 2	11.5	0.95	1	1	4.030671
EV3_str	BOBJ1	11.5	Before	Interior Girder 3	11.5	0.95	1	1	4.043849
EV3_str	BOBJ1	11.5	Before	Interior Girder 4	11.5	0.95	1	1	4.024352
EV3_str	BOBJ1	11.5	Before	Interior Girder 5	11.5	0.95	1	1	3.653865
EV3_str	BOBJ1	11.5	Before	Right Exterior Girder	11.5	0.95	1	1	6.845336
EV3_str	BOBJ1	11.5	After	Left Exterior Girder	11.5	0.95	1	1	6.844373
EV3_str	BOBJ1	11.5	After	Interior Girder 1	11.5	0.95	1	1	3.612093
EV3_str	BOBJ1	11.5	After	Interior Girder 2	11.5	0.95	1	1	4.029621
EV3_str	BOBJ1	11.5	After	Interior Girder 3	11.5	0.95	1	1	4.042801
EV3_str	BOBJ1	11.5	After	Interior Girder 4	11.5	0.95	1	1	4.023303
EV3_str	BOBJ1	11.5	After	Interior Girder 5	11.5	0.95	1	1	3.652456
EV3_str	BOBJ1	11.5	After	Right Exterior Girder	11.5	0.95	1	1	6.844373
EV3_str	BOBJ1	13.4167	Before	Left Exterior Girder	13.4167	0.95	1	1	6.793262
EV3_str	BOBJ1	13.4167	Before	Interior Girder 1	13.4167	0.95	1	1	3.572473
EV3_str	BOBJ1	13.4167	Before	Interior Girder 2	13.4167	0.95	1	1	3.98542
EV3_str	BOBJ1	13.4167	Before	Interior Girder 3	13.4167	0.95	1	1	3.998455
EV3_str	BOBJ1	13.4167	Before	Interior Girder 4	13.4167	0.95	1	1	3.979172
EV3_str	BOBJ1	13.4167	Before	Interior Girder 5	13.4167	0.95	1	1	3.612393
EV3_str	BOBJ1	13.4167	Before	Right Exterior Girder	13.4167	0.95	1	1	6.793262
EV3_str	BOBJ1	13.4167	After	Left Exterior Girder	13.4167	0.95	1	1	5.627212
EV3_str	BOBJ1	13.4167	After	Interior Girder 1	13.4167	0.95	1	1	3.022838
EV3_str	BOBJ1	13.4167	After	Interior Girder 2	13.4167	0.95	1	1	3.351203
EV3_str	BOBJ1	13.4167	After	Interior Girder 3	13.4167	0.95	1	1	3.335306
EV3_str	BOBJ1	13.4167	After	Interior Girder 4	13.4167	0.95	1	1	3.345653
EV3_str	BOBJ1	13.4167	After	Interior Girder 5	13.4167	0.95	1	1	3.052708
EV3_str	BOBJ1	13.4167	After	Right Exterior Girder	13.4167	0.95	1	1	5.627212
EV3_str	BOBJ1	15.3333	Before	Left Exterior Girder	15.3333	0.95	1	1	5.58476
EV3_str	BOBJ1	15.3333	Before	Interior Girder 1	15.3333	0.95	1	1	2.989173

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Main Span Stringers									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
EV3_str	BOBJ1	15.3333	Before	Interior Girder 2	15.3333	0.95	1	1	3.313875
EV3_str	BOBJ1	15.3333	Before	Interior Girder 3	15.3333	0.95	1	1	3.298153
EV3_str	BOBJ1	15.3333	Before	Interior Girder 4	15.3333	0.95	1	1	3.308387
EV3_str	BOBJ1	15.3333	Before	Interior Girder 5	15.3333	0.95	1	1	3.01871
EV3_str	BOBJ1	15.3333	Before	Right Exterior Girder	15.3333	0.95	1	1	5.58476
EV3_str	BOBJ1	15.3333	After	Left Exterior Girder	15.3333	0.95	1	1	4.766588
EV3_str	BOBJ1	15.3333	After	Interior Girder 1	15.3333	0.95	1	1	2.575999
EV3_str	BOBJ1	15.3333	After	Interior Girder 2	15.3333	0.95	1	1	2.827598
EV3_str	BOBJ1	15.3333	After	Interior Girder 3	15.3333	0.95	1	1	2.810849
EV3_str	BOBJ1	15.3333	After	Interior Girder 4	15.3333	0.95	1	1	2.821777
EV3_str	BOBJ1	15.3333	After	Interior Girder 5	15.3333	0.95	1	1	2.599378
EV3_str	BOBJ1	15.3333	After	Right Exterior Girder	15.3333	0.95	1	1	4.766588
EV3_str	BOBJ1	17.25	Before	Left Exterior Girder	17.25	0.95	1	1	4.730259
EV3_str	BOBJ1	17.25	Before	Interior Girder 1	17.25	0.95	1	1	2.546862
EV3_str	BOBJ1	17.25	Before	Interior Girder 2	17.25	0.95	1	1	2.795608
EV3_str	BOBJ1	17.25	Before	Interior Girder 3	17.25	0.95	1	1	2.779045
EV3_str	BOBJ1	17.25	Before	Interior Girder 4	17.25	0.95	1	1	2.789853
EV3_str	BOBJ1	17.25	Before	Interior Girder 5	17.25	0.95	1	1	2.569976
EV3_str	BOBJ1	17.25	Before	Right Exterior Girder	17.25	0.95	1	1	4.730259
EV3_str	BOBJ1	17.25	After	Left Exterior Girder	17.25	0.95	1	1	4.102409
EV3_str	BOBJ1	17.25	After	Interior Girder 1	17.25	0.95	1	1	2.196558
EV3_str	BOBJ1	17.25	After	Interior Girder 2	17.25	0.95	1	1	2.406182
EV3_str	BOBJ1	17.25	After	Interior Girder 3	17.25	0.95	1	1	2.388601
EV3_str	BOBJ1	17.25	After	Interior Girder 4	17.25	0.95	1	1	2.400077
EV3_str	BOBJ1	17.25	After	Interior Girder 5	17.25	0.95	1	1	2.215388
EV3_str	BOBJ1	17.25	After	Right Exterior Girder	17.25	0.95	1	1	4.102409
EV3_str	BOBJ1	19.1667	Before	Left Exterior Girder	19.1667	0.95	1	1	4.070819
EV3_str	BOBJ1	19.1667	Before	Interior Girder 1	19.1667	0.95	1	1	2.171316
EV3_str	BOBJ1	19.1667	Before	Interior Girder 2	19.1667	0.95	1	1	2.378526
EV3_str	BOBJ1	19.1667	Before	Interior Girder 3	19.1667	0.95	1	1	2.361141
EV3_str	BOBJ1	19.1667	Before	Interior Girder 4	19.1667	0.95	1	1	2.372492
EV3_str	BOBJ1	19.1667	Before	Interior Girder 5	19.1667	0.95	1	1	2.18993
EV3_str	BOBJ1	19.1667	Before	Right Exterior Girder	19.1667	0.95	1	1	4.070819
EV3_str	BOBJ1	19.1667	After	Left Exterior Girder	19.1667	0.95	1	1	3.466454
EV3_str	BOBJ1	19.1667	After	Interior Girder 1	19.1667	0.95	1	1	1.832859
EV3_str	BOBJ1	19.1667	After	Interior Girder 2	19.1667	0.95	1	1	2.012
EV3_str	BOBJ1	19.1667	After	Interior Girder 3	19.1667	0.95	1	1	1.997638
EV3_str	BOBJ1	19.1667	After	Interior Girder 4	19.1667	0.95	1	1	2.006549
EV3_str	BOBJ1	19.1667	After	Interior Girder 5	19.1667	0.95	1	1	1.848964
EV3_str	BOBJ1	19.1667	After	Right Exterior Girder	19.1667	0.95	1	1	3.466454
EV3_str	BOBJ1	21.0833	Before	Left Exterior Girder	21.0833	0.95	1	1	3.439484
EV3_str	BOBJ1	21.0833	Before	Interior Girder 1	21.0833	0.95	1	1	1.811455
EV3_str	BOBJ1	21.0833	Before	Interior Girder 2	21.0833	0.95	1	1	1.988501
EV3_str	BOBJ1	21.0833	Before	Interior Girder 3	21.0833	0.95	1	1	1.974298
EV3_str	BOBJ1	21.0833	Before	Interior Girder 4	21.0833	0.95	1	1	1.983114
EV3_str	BOBJ1	21.0833	Before	Interior Girder 5	21.0833	0.95	1	1	1.827372
EV3_str	BOBJ1	21.0833	Before	Right Exterior Girder	21.0833	0.95	1	1	3.439484
EV3_str	BOBJ1	21.0833	After	Left Exterior Girder	21.0833	0.95	1	1	2.995823
EV3_str	BOBJ1	21.0833	After	Interior Girder 1	21.0833	0.95	1	1	1.545252
EV3_str	BOBJ1	21.0833	After	Interior Girder 2	21.0833	0.95	1	1	1.705515
EV3_str	BOBJ1	21.0833	After	Interior Girder 3	21.0833	0.95	1	1	1.69264
EV3_str	BOBJ1	21.0833	After	Interior Girder 4	21.0833	0.95	1	1	1.700824
EV3_str	BOBJ1	21.0833	After	Interior Girder 5	21.0833	0.95	1	1	1.559746
EV3_str	BOBJ1	21.0833	After	Right Exterior Girder	21.0833	0.95	1	1	2.995823
EV3_str	BOBJ1	23	Before	Left Exterior Girder	23	0.95	1	1	2.972278
EV3_str	BOBJ1	23	Before	Interior Girder 1	23	0.95	1	1	1.526896
EV3_str	BOBJ1	23	Before	Interior Girder 2	23	0.95	1	1	1.685272
EV3_str	BOBJ1	23	Before	Interior Girder 3	23	0.95	1	1	1.672539
EV3_str	BOBJ1	23	Before	Interior Girder 4	23	0.95	1	1	1.680637
EV3_str	BOBJ1	23	Before	Interior Girder 5	23	0.95	1	1	1.541218
EV3_str	BOBJ1	23	Before	Right Exterior Girder	23	0.95	1	1	2.972278
Gravel Truck_str	BOBJ1	0	After	Left Exterior Girder	0	0.95	1	1	3.935585
Gravel Truck_str	BOBJ1	0	After	Interior Girder 1	0	0.95	1	1	2.040091
Gravel Truck_str	BOBJ1	0	After	Interior Girder 2	0	0.95	1	1	2.235839
Gravel Truck_str	BOBJ1	0	After	Interior Girder 3	0	0.95	1	1	2.21659

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Main Span Stringers									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Gravel Truck_str	BOBJ1	0	After	Interior Girder 4	0	0.95	1	1	2.228981
Gravel Truck_str	BOBJ1	0	After	Interior Girder 5	0	0.95	1	1	2.057981
Gravel Truck_str	BOBJ1	0	After	Right Exterior Girder	0	0.95	1	1	3.935585
Gravel Truck_str	BOBJ1	1.9167	Before	Left Exterior Girder	1.9167	0.95	1	1	3.966767
Gravel Truck_str	BOBJ1	1.9167	Before	Interior Girder 1	1.9167	0.95	1	1	2.064592
Gravel Truck_str	BOBJ1	1.9167	Before	Interior Girder 2	1.9167	0.95	1	1	2.262691
Gravel Truck_str	BOBJ1	1.9167	Before	Interior Girder 3	1.9167	0.95	1	1	2.243226
Gravel Truck_str	BOBJ1	1.9167	Before	Interior Girder 4	1.9167	0.95	1	1	2.255751
Gravel Truck_str	BOBJ1	1.9167	Before	Interior Girder 5	1.9167	0.95	1	1	2.082697
Gravel Truck_str	BOBJ1	1.9167	Before	Right Exterior Girder	1.9167	0.95	1	1	3.966767
Gravel Truck_str	BOBJ1	1.9167	After	Left Exterior Girder	1.9167	0.95	1	1	4.648407
Gravel Truck_str	BOBJ1	1.9167	After	Interior Girder 1	1.9167	0.95	1	1	2.462169
Gravel Truck_str	BOBJ1	1.9167	After	Interior Girder 2	1.9167	0.95	1	1	2.686188
Gravel Truck_str	BOBJ1	1.9167	After	Interior Girder 3	1.9167	0.95	1	1	2.664443
Gravel Truck_str	BOBJ1	1.9167	After	Interior Girder 4	1.9167	0.95	1	1	2.677995
Gravel Truck_str	BOBJ1	1.9167	After	Interior Girder 5	1.9167	0.95	1	1	2.482184
Gravel Truck_str	BOBJ1	1.9167	After	Right Exterior Girder	1.9167	0.95	1	1	4.648407
Gravel Truck_str	BOBJ1	3.8333	Before	Left Exterior Girder	3.8333	0.95	1	1	4.684853
Gravel Truck_str	BOBJ1	3.8333	Before	Interior Girder 1	3.8333	0.95	1	1	2.491249
Gravel Truck_str	BOBJ1	3.8333	Before	Interior Girder 2	3.8333	0.95	1	1	2.717923
Gravel Truck_str	BOBJ1	3.8333	Before	Interior Girder 3	3.8333	0.95	1	1	2.695933
Gravel Truck_str	BOBJ1	3.8333	Before	Interior Girder 4	3.8333	0.95	1	1	2.709633
Gravel Truck_str	BOBJ1	3.8333	Before	Interior Girder 5	3.8333	0.95	1	1	2.511501
Gravel Truck_str	BOBJ1	3.8333	Before	Right Exterior Girder	3.8333	0.95	1	1	4.684853
Gravel Truck_str	BOBJ1	3.8333	After	Left Exterior Girder	3.8333	0.95	1	1	5.364036
Gravel Truck_str	BOBJ1	3.8333	After	Interior Girder 1	3.8333	0.95	1	1	2.892833
Gravel Truck_str	BOBJ1	3.8333	After	Interior Girder 2	3.8333	0.95	1	1	3.145258
Gravel Truck_str	BOBJ1	3.8333	After	Interior Girder 3	3.8333	0.95	1	1	3.120317
Gravel Truck_str	BOBJ1	3.8333	After	Interior Girder 4	3.8333	0.95	1	1	3.136696
Gravel Truck_str	BOBJ1	3.8333	After	Interior Girder 5	3.8333	0.95	1	1	2.916429
Gravel Truck_str	BOBJ1	3.8333	After	Right Exterior Girder	3.8333	0.95	1	1	5.364036
Gravel Truck_str	BOBJ1	5.75	Before	Left Exterior Girder	5.75	0.95	1	1	5.405656
Gravel Truck_str	BOBJ1	5.75	Before	Interior Girder 1	5.75	0.95	1	1	2.926447
Gravel Truck_str	BOBJ1	5.75	Before	Interior Girder 2	5.75	0.95	1	1	3.181819
Gravel Truck_str	BOBJ1	5.75	Before	Interior Girder 3	5.75	0.95	1	1	3.156596
Gravel Truck_str	BOBJ1	5.75	Before	Interior Girder 4	5.75	0.95	1	1	3.173157
Gravel Truck_str	BOBJ1	5.75	Before	Interior Girder 5	5.75	0.95	1	1	2.950317
Gravel Truck_str	BOBJ1	5.75	Before	Right Exterior Girder	5.75	0.95	1	1	5.405656
Gravel Truck_str	BOBJ1	5.75	After	Left Exterior Girder	5.75	0.95	1	1	6.325152
Gravel Truck_str	BOBJ1	5.75	After	Interior Girder 1	5.75	0.95	1	1	3.421808
Gravel Truck_str	BOBJ1	5.75	After	Interior Girder 2	5.75	0.95	1	1	3.734724
Gravel Truck_str	BOBJ1	5.75	After	Interior Girder 3	5.75	0.95	1	1	3.708745
Gravel Truck_str	BOBJ1	5.75	After	Interior Girder 4	5.75	0.95	1	1	3.725668
Gravel Truck_str	BOBJ1	5.75	After	Interior Girder 5	5.75	0.95	1	1	3.451121
Gravel Truck_str	BOBJ1	5.75	After	Right Exterior Girder	5.75	0.95	1	1	6.325152
Gravel Truck_str	BOBJ1	7.6667	Before	Left Exterior Girder	7.6667	0.95	1	1	6.373724
Gravel Truck_str	BOBJ1	7.6667	Before	Interior Girder 1	7.6667	0.95	1	1	3.460938
Gravel Truck_str	BOBJ1	7.6667	Before	Interior Girder 2	7.6667	0.95	1	1	3.777449
Gravel Truck_str	BOBJ1	7.6667	Before	Interior Girder 3	7.6667	0.95	1	1	3.751178
Gravel Truck_str	BOBJ1	7.6667	Before	Interior Girder 4	7.6667	0.95	1	1	3.768289
Gravel Truck_str	BOBJ1	7.6667	Before	Interior Girder 5	7.6667	0.95	1	1	3.490586
Gravel Truck_str	BOBJ1	7.6667	Before	Right Exterior Girder	7.6667	0.95	1	1	6.373723
Gravel Truck_str	BOBJ1	7.6667	After	Left Exterior Girder	7.6667	0.95	1	1	7.68401
Gravel Truck_str	BOBJ1	7.6667	After	Interior Girder 1	7.6667	0.95	1	1	4.11625
Gravel Truck_str	BOBJ1	7.6667	After	Interior Girder 2	7.6667	0.95	1	1	4.547248
Gravel Truck_str	BOBJ1	7.6667	After	Interior Girder 3	7.6667	0.95	1	1	4.520598
Gravel Truck_str	BOBJ1	7.6667	After	Interior Girder 4	7.6667	0.95	1	1	4.537963
Gravel Truck_str	BOBJ1	7.6667	After	Interior Girder 5	7.6667	0.95	1	1	4.155318
Gravel Truck_str	BOBJ1	7.6667	After	Right Exterior Girder	7.6667	0.95	1	1	7.68401
Gravel Truck_str	BOBJ1	9.5833	Before	Left Exterior Girder	9.5833	0.95	1	1	7.74241
Gravel Truck_str	BOBJ1	9.5833	Before	Interior Girder 1	9.5833	0.95	1	1	4.16259
Gravel Truck_str	BOBJ1	9.5833	Before	Interior Girder 2	9.5833	0.95	1	1	4.598455
Gravel Truck_str	BOBJ1	9.5833	Before	Interior Girder 3	9.5833	0.95	1	1	4.571508
Gravel Truck_str	BOBJ1	9.5833	Before	Interior Girder 4	9.5833	0.95	1	1	4.589066
Gravel Truck_str	BOBJ1	9.5833	Before	Interior Girder 5	9.5833	0.95	1	1	4.202097

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Main Span Stringers									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Gravel Truck_str	BOBJ1	9.5833	Before	Right Exterior Girder	9.5833	0.95	1	1	7.74241
Gravel Truck_str	BOBJ1	9.5833	After	Left Exterior Girder	9.5833	0.95	1	1	9.739603
Gravel Truck_str	BOBJ1	9.5833	After	Interior Girder 1	9.5833	0.95	1	1	5.107642
Gravel Truck_str	BOBJ1	9.5833	After	Interior Girder 2	9.5833	0.95	1	1	5.696413
Gravel Truck_str	BOBJ1	9.5833	After	Interior Girder 3	9.5833	0.95	1	1	5.704221
Gravel Truck_str	BOBJ1	9.5833	After	Interior Girder 4	9.5833	0.95	1	1	5.684994
Gravel Truck_str	BOBJ1	9.5833	After	Interior Girder 5	9.5833	0.95	1	1	5.163354
Gravel Truck_str	BOBJ1	9.5833	After	Right Exterior Girder	9.5833	0.95	1	1	9.739604
Gravel Truck_str	BOBJ1	11.5	Before	Left Exterior Girder	11.5	0.95	1	1	9.812872
Gravel Truck_str	BOBJ1	11.5	Before	Interior Girder 1	11.5	0.95	1	1	5.164266
Gravel Truck_str	BOBJ1	11.5	Before	Interior Girder 2	11.5	0.95	1	1	5.759573
Gravel Truck_str	BOBJ1	11.5	Before	Interior Girder 3	11.5	0.95	1	1	5.767468
Gravel Truck_str	BOBJ1	11.5	Before	Interior Girder 4	11.5	0.95	1	1	5.748028
Gravel Truck_str	BOBJ1	11.5	Before	Interior Girder 5	11.5	0.95	1	1	5.220596
Gravel Truck_str	BOBJ1	11.5	Before	Right Exterior Girder	11.5	0.95	1	1	9.812872
Gravel Truck_str	BOBJ1	11.5	After	Left Exterior Girder	11.5	0.95	1	1	9.811491
Gravel Truck_str	BOBJ1	11.5	After	Interior Girder 1	11.5	0.95	1	1	5.162274
Gravel Truck_str	BOBJ1	11.5	After	Interior Girder 2	11.5	0.95	1	1	5.758072
Gravel Truck_str	BOBJ1	11.5	After	Interior Girder 3	11.5	0.95	1	1	5.765974
Gravel Truck_str	BOBJ1	11.5	After	Interior Girder 4	11.5	0.95	1	1	5.74653
Gravel Truck_str	BOBJ1	11.5	After	Interior Girder 5	11.5	0.95	1	1	5.218583
Gravel Truck_str	BOBJ1	11.5	After	Right Exterior Girder	11.5	0.95	1	1	9.81149
Gravel Truck_str	BOBJ1	13.4167	Before	Left Exterior Girder	13.4167	0.95	1	1	9.738222
Gravel Truck_str	BOBJ1	13.4167	Before	Interior Girder 1	13.4167	0.95	1	1	5.10565
Gravel Truck_str	BOBJ1	13.4167	Before	Interior Girder 2	13.4167	0.95	1	1	5.694912
Gravel Truck_str	BOBJ1	13.4167	Before	Interior Girder 3	13.4167	0.95	1	1	5.702726
Gravel Truck_str	BOBJ1	13.4167	Before	Interior Girder 4	13.4167	0.95	1	1	5.683496
Gravel Truck_str	BOBJ1	13.4167	Before	Interior Girder 5	13.4167	0.95	1	1	5.161341
Gravel Truck_str	BOBJ1	13.4167	Before	Right Exterior Girder	13.4167	0.95	1	1	9.738222
Gravel Truck_str	BOBJ1	13.4167	After	Left Exterior Girder	13.4167	0.95	1	1	7.741344
Gravel Truck_str	BOBJ1	13.4167	After	Interior Girder 1	13.4167	0.95	1	1	4.160931
Gravel Truck_str	BOBJ1	13.4167	After	Interior Girder 2	13.4167	0.95	1	1	4.597249
Gravel Truck_str	BOBJ1	13.4167	After	Interior Girder 3	13.4167	0.95	1	1	4.570306
Gravel Truck_str	BOBJ1	13.4167	After	Interior Girder 4	13.4167	0.95	1	1	4.587862
Gravel Truck_str	BOBJ1	13.4167	After	Interior Girder 5	13.4167	0.95	1	1	4.200423
Gravel Truck_str	BOBJ1	13.4167	After	Right Exterior Girder	13.4167	0.95	1	1	7.741344
Gravel Truck_str	BOBJ1	15.3333	Before	Left Exterior Girder	15.3333	0.95	1	1	7.682944
Gravel Truck_str	BOBJ1	15.3333	Before	Interior Girder 1	15.3333	0.95	1	1	4.114591
Gravel Truck_str	BOBJ1	15.3333	Before	Interior Girder 2	15.3333	0.95	1	1	4.546042
Gravel Truck_str	BOBJ1	15.3333	Before	Interior Girder 3	15.3333	0.95	1	1	4.519396
Gravel Truck_str	BOBJ1	15.3333	Before	Interior Girder 4	15.3333	0.95	1	1	4.53676
Gravel Truck_str	BOBJ1	15.3333	Before	Interior Girder 5	15.3333	0.95	1	1	4.153643
Gravel Truck_str	BOBJ1	15.3333	Before	Right Exterior Girder	15.3333	0.95	1	1	7.682944
Gravel Truck_str	BOBJ1	15.3333	After	Left Exterior Girder	15.3333	0.95	1	1	6.372889
Gravel Truck_str	BOBJ1	15.3333	After	Interior Girder 1	15.3333	0.95	1	1	3.459495
Gravel Truck_str	BOBJ1	15.3333	After	Interior Girder 2	15.3333	0.95	1	1	3.776458
Gravel Truck_str	BOBJ1	15.3333	After	Interior Girder 3	15.3333	0.95	1	1	3.750175
Gravel Truck_str	BOBJ1	15.3333	After	Interior Girder 4	15.3333	0.95	1	1	3.7673
Gravel Truck_str	BOBJ1	15.3333	After	Interior Girder 5	15.3333	0.95	1	1	3.489131
Gravel Truck_str	BOBJ1	15.3333	After	Right Exterior Girder	15.3333	0.95	1	1	6.372889
Gravel Truck_str	BOBJ1	17.25	Before	Left Exterior Girder	17.25	0.95	1	1	6.324318
Gravel Truck_str	BOBJ1	17.25	Before	Interior Girder 1	17.25	0.95	1	1	3.420365
Gravel Truck_str	BOBJ1	17.25	Before	Interior Girder 2	17.25	0.95	1	1	3.733733
Gravel Truck_str	BOBJ1	17.25	Before	Interior Girder 3	17.25	0.95	1	1	3.707743
Gravel Truck_str	BOBJ1	17.25	Before	Interior Girder 4	17.25	0.95	1	1	3.724679
Gravel Truck_str	BOBJ1	17.25	Before	Interior Girder 5	17.25	0.95	1	1	3.449666
Gravel Truck_str	BOBJ1	17.25	Before	Right Exterior Girder	17.25	0.95	1	1	6.324317
Gravel Truck_str	BOBJ1	17.25	After	Left Exterior Girder	17.25	0.95	1	1	5.405007
Gravel Truck_str	BOBJ1	17.25	After	Interior Girder 1	17.25	0.95	1	1	2.925103
Gravel Truck_str	BOBJ1	17.25	After	Interior Girder 2	17.25	0.95	1	1	3.181003
Gravel Truck_str	BOBJ1	17.25	After	Interior Girder 3	17.25	0.95	1	1	3.155757
Gravel Truck_str	BOBJ1	17.25	After	Interior Girder 4	17.25	0.95	1	1	3.172343
Gravel Truck_str	BOBJ1	17.25	After	Interior Girder 5	17.25	0.95	1	1	2.948962
Gravel Truck_str	BOBJ1	17.25	After	Right Exterior Girder	17.25	0.95	1	1	5.405007
Gravel Truck_str	BOBJ1	19.1667	Before	Left Exterior Girder	19.1667	0.95	1	1	5.363387

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Main Span Stringers									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Gravel Truck_str	BOBJ1	19.1667	Before	Interior Girder 1	19.1667	0.95	1	1	2.891489
Gravel Truck_str	BOBJ1	19.1667	Before	Interior Girder 2	19.1667	0.95	1	1	3.144442
Gravel Truck_str	BOBJ1	19.1667	Before	Interior Girder 3	19.1667	0.95	1	1	3.119478
Gravel Truck_str	BOBJ1	19.1667	Before	Interior Girder 4	19.1667	0.95	1	1	3.135881
Gravel Truck_str	BOBJ1	19.1667	Before	Interior Girder 5	19.1667	0.95	1	1	2.915074
Gravel Truck_str	BOBJ1	19.1667	Before	Right Exterior Girder	19.1667	0.95	1	1	5.363387
Gravel Truck_str	BOBJ1	19.1667	After	Left Exterior Girder	19.1667	0.95	1	1	4.684223
Gravel Truck_str	BOBJ1	19.1667	After	Interior Girder 1	19.1667	0.95	1	1	2.490192
Gravel Truck_str	BOBJ1	19.1667	After	Interior Girder 2	19.1667	0.95	1	1	2.717173
Gravel Truck_str	BOBJ1	19.1667	After	Interior Girder 3	19.1667	0.95	1	1	2.695149
Gravel Truck_str	BOBJ1	19.1667	After	Interior Girder 4	19.1667	0.95	1	1	2.708886
Gravel Truck_str	BOBJ1	19.1667	After	Interior Girder 5	19.1667	0.95	1	1	2.510435
Gravel Truck_str	BOBJ1	19.1667	After	Right Exterior Girder	19.1667	0.95	1	1	4.684223
Gravel Truck_str	BOBJ1	21.0833	Before	Left Exterior Girder	21.0833	0.95	1	1	4.647777
Gravel Truck_str	BOBJ1	21.0833	Before	Interior Girder 1	21.0833	0.95	1	1	2.461112
Gravel Truck_str	BOBJ1	21.0833	Before	Interior Girder 2	21.0833	0.95	1	1	2.685438
Gravel Truck_str	BOBJ1	21.0833	Before	Interior Girder 3	21.0833	0.95	1	1	2.66366
Gravel Truck_str	BOBJ1	21.0833	Before	Interior Girder 4	21.0833	0.95	1	1	2.677248
Gravel Truck_str	BOBJ1	21.0833	Before	Interior Girder 5	21.0833	0.95	1	1	2.481119
Gravel Truck_str	BOBJ1	21.0833	Before	Right Exterior Girder	21.0833	0.95	1	1	4.647777
Gravel Truck_str	BOBJ1	21.0833	After	Left Exterior Girder	21.0833	0.95	1	1	3.967538
Gravel Truck_str	BOBJ1	21.0833	After	Interior Girder 1	21.0833	0.95	1	1	2.062553
Gravel Truck_str	BOBJ1	21.0833	After	Interior Girder 2	21.0833	0.95	1	1	2.262386
Gravel Truck_str	BOBJ1	21.0833	After	Interior Girder 3	21.0833	0.95	1	1	2.242914
Gravel Truck_str	BOBJ1	21.0833	After	Interior Girder 4	21.0833	0.95	1	1	2.255447
Gravel Truck_str	BOBJ1	21.0833	After	Interior Girder 5	21.0833	0.95	1	1	2.08064
Gravel Truck_str	BOBJ1	21.0833	After	Right Exterior Girder	21.0833	0.95	1	1	3.967538
Gravel Truck_str	BOBJ1	23	Before	Left Exterior Girder	23	0.95	1	1	3.936356
Gravel Truck_str	BOBJ1	23	Before	Interior Girder 1	23	0.95	1	1	2.038052
Gravel Truck_str	BOBJ1	23	Before	Interior Girder 2	23	0.95	1	1	2.235534
Gravel Truck_str	BOBJ1	23	Before	Interior Girder 3	23	0.95	1	1	2.216277
Gravel Truck_str	BOBJ1	23	Before	Interior Girder 4	23	0.95	1	1	2.228678
Gravel Truck_str	BOBJ1	23	Before	Interior Girder 5	23	0.95	1	1	2.055924
Gravel Truck_str	BOBJ1	23	Before	Right Exterior Girder	23	0.95	1	1	3.936356
Annual Permit 1_str	BOBJ1	0	After	Left Exterior Girder	0	0.95	1	1	3.819321
Annual Permit 1_str	BOBJ1	0	After	Interior Girder 1	0	0.95	1	1	1.980157
Annual Permit 1_str	BOBJ1	0	After	Interior Girder 2	0	0.95	1	1	2.200501
Annual Permit 1_str	BOBJ1	0	After	Interior Girder 3	0	0.95	1	1	2.31739
Annual Permit 1_str	BOBJ1	0	After	Interior Girder 4	0	0.95	1	1	2.192259
Annual Permit 1_str	BOBJ1	0	After	Interior Girder 5	0	0.95	1	1	1.997259
Annual Permit 1_str	BOBJ1	0	After	Right Exterior Girder	0	0.95	1	1	3.819321
Annual Permit 1_str	BOBJ1	1.9167	Before	Left Exterior Girder	1.9167	0.95	1	1	3.849582
Annual Permit 1_str	BOBJ1	1.9167	Before	Interior Girder 1	1.9167	0.95	1	1	2.003938
Annual Permit 1_str	BOBJ1	1.9167	Before	Interior Girder 2	1.9167	0.95	1	1	2.226929
Annual Permit 1_str	BOBJ1	1.9167	Before	Interior Girder 3	1.9167	0.95	1	1	2.345237
Annual Permit 1_str	BOBJ1	1.9167	Before	Interior Girder 4	1.9167	0.95	1	1	2.218587
Annual Permit 1_str	BOBJ1	1.9167	Before	Interior Girder 5	1.9167	0.95	1	1	2.021246
Annual Permit 1_str	BOBJ1	1.9167	Before	Right Exterior Girder	1.9167	0.95	1	1	3.849582
Annual Permit 1_str	BOBJ1	1.9167	After	Left Exterior Girder	1.9167	0.95	1	1	4.358251
Annual Permit 1_str	BOBJ1	1.9167	After	Interior Girder 1	1.9167	0.95	1	1	2.324072
Annual Permit 1_str	BOBJ1	1.9167	After	Interior Girder 2	1.9167	0.95	1	1	2.57856
Annual Permit 1_str	BOBJ1	1.9167	After	Interior Girder 3	1.9167	0.95	1	1	2.718354
Annual Permit 1_str	BOBJ1	1.9167	After	Interior Girder 4	1.9167	0.95	1	1	2.569251
Annual Permit 1_str	BOBJ1	1.9167	After	Interior Girder 5	1.9167	0.95	1	1	2.342829
Annual Permit 1_str	BOBJ1	1.9167	After	Right Exterior Girder	1.9167	0.95	1	1	4.35825
Annual Permit 1_str	BOBJ1	3.8333	Before	Left Exterior Girder	3.8333	0.95	1	1	4.392422
Annual Permit 1_str	BOBJ1	3.8333	Before	Interior Girder 1	3.8333	0.95	1	1	2.351521
Annual Permit 1_str	BOBJ1	3.8333	Before	Interior Girder 2	3.8333	0.95	1	1	2.609023
Annual Permit 1_str	BOBJ1	3.8333	Before	Interior Girder 3	3.8333	0.95	1	1	2.75048
Annual Permit 1_str	BOBJ1	3.8333	Before	Interior Girder 4	3.8333	0.95	1	1	2.599604
Annual Permit 1_str	BOBJ1	3.8333	Before	Interior Girder 5	3.8333	0.95	1	1	2.3705
Annual Permit 1_str	BOBJ1	3.8333	Before	Right Exterior Girder	3.8333	0.95	1	1	4.392421
Annual Permit 1_str	BOBJ1	3.8333	After	Left Exterior Girder	3.8333	0.95	1	1	5.060446
Annual Permit 1_str	BOBJ1	3.8333	After	Interior Girder 1	3.8333	0.95	1	1	2.736873
Annual Permit 1_str	BOBJ1	3.8333	After	Interior Girder 2	3.8333	0.95	1	1	3.034078

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Main Span Stringers									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Annual Permit 1_str	BOBJ1	3.8333	After	Interior Girder 3	3.8333	0.95	1	1	3.185352
Annual Permit 1_str	BOBJ1	3.8333	After	Interior Girder 4	3.8333	0.95	1	1	3.023775
Annual Permit 1_str	BOBJ1	3.8333	After	Interior Girder 5	3.8333	0.95	1	1	2.758633
Annual Permit 1_str	BOBJ1	3.8333	After	Right Exterior Girder	3.8333	0.95	1	1	5.060446
Annual Permit 1_str	BOBJ1	5.75	Before	Left Exterior Girder	5.75	0.95	1	1	5.09971
Annual Permit 1_str	BOBJ1	5.75	Before	Interior Girder 1	5.75	0.95	1	1	2.768675
Annual Permit 1_str	BOBJ1	5.75	Before	Interior Girder 2	5.75	0.95	1	1	3.069347
Annual Permit 1_str	BOBJ1	5.75	Before	Interior Girder 3	5.75	0.95	1	1	3.222387
Annual Permit 1_str	BOBJ1	5.75	Before	Interior Girder 4	5.75	0.95	1	1	3.058924
Annual Permit 1_str	BOBJ1	5.75	Before	Interior Girder 5	5.75	0.95	1	1	2.790688
Annual Permit 1_str	BOBJ1	5.75	Before	Right Exterior Girder	5.75	0.95	1	1	5.09971
Annual Permit 1_str	BOBJ1	5.75	After	Left Exterior Girder	5.75	0.95	1	1	6.017028
Annual Permit 1_str	BOBJ1	5.75	After	Interior Girder 1	5.75	0.95	1	1	3.259934
Annual Permit 1_str	BOBJ1	5.75	After	Interior Girder 2	5.75	0.95	1	1	3.61725
Annual Permit 1_str	BOBJ1	5.75	After	Interior Girder 3	5.75	0.95	1	1	3.791288
Annual Permit 1_str	BOBJ1	5.75	After	Interior Girder 4	5.75	0.95	1	1	3.606264
Annual Permit 1_str	BOBJ1	5.75	After	Interior Girder 5	5.75	0.95	1	1	3.287323
Annual Permit 1_str	BOBJ1	5.75	After	Right Exterior Girder	5.75	0.95	1	1	6.017028
Annual Permit 1_str	BOBJ1	7.6667	Before	Left Exterior Girder	7.6667	0.95	1	1	6.063233
Annual Permit 1_str	BOBJ1	7.6667	Before	Interior Girder 1	7.6667	0.95	1	1	3.297213
Annual Permit 1_str	BOBJ1	7.6667	Before	Interior Girder 2	7.6667	0.95	1	1	3.658631
Annual Permit 1_str	BOBJ1	7.6667	Before	Interior Girder 3	7.6667	0.95	1	1	3.834665
Annual Permit 1_str	BOBJ1	7.6667	Before	Interior Girder 4	7.6667	0.95	1	1	3.647519
Annual Permit 1_str	BOBJ1	7.6667	Before	Interior Girder 5	7.6667	0.95	1	1	3.324915
Annual Permit 1_str	BOBJ1	7.6667	Before	Right Exterior Girder	7.6667	0.95	1	1	6.063233
Annual Permit 1_str	BOBJ1	7.6667	After	Left Exterior Girder	7.6667	0.95	1	1	7.39592
Annual Permit 1_str	BOBJ1	7.6667	After	Interior Girder 1	7.6667	0.95	1	1	3.962132
Annual Permit 1_str	BOBJ1	7.6667	After	Interior Girder 2	7.6667	0.95	1	1	4.408955
Annual Permit 1_str	BOBJ1	7.6667	After	Interior Girder 3	7.6667	0.95	1	1	4.629002
Annual Permit 1_str	BOBJ1	7.6667	After	Interior Girder 4	7.6667	0.95	1	1	4.397659
Annual Permit 1_str	BOBJ1	7.6667	After	Interior Girder 5	7.6667	0.95	1	1	3.999258
Annual Permit 1_str	BOBJ1	7.6667	After	Right Exterior Girder	7.6667	0.95	1	1	7.39592
Annual Permit 1_str	BOBJ1	9.5833	Before	Left Exterior Girder	9.5833	0.95	1	1	7.452131
Annual Permit 1_str	BOBJ1	9.5833	Before	Interior Girder 1	9.5833	0.95	1	1	4.006737
Annual Permit 1_str	BOBJ1	9.5833	Before	Interior Girder 2	9.5833	0.95	1	1	4.458604
Annual Permit 1_str	BOBJ1	9.5833	Before	Interior Girder 3	9.5833	0.95	1	1	4.681133
Annual Permit 1_str	BOBJ1	9.5833	Before	Interior Girder 4	9.5833	0.95	1	1	4.447182
Annual Permit 1_str	BOBJ1	9.5833	Before	Interior Girder 5	9.5833	0.95	1	1	4.044281
Annual Permit 1_str	BOBJ1	9.5833	Before	Right Exterior Girder	9.5833	0.95	1	1	7.452131
Annual Permit 1_str	BOBJ1	9.5833	After	Left Exterior Girder	9.5833	0.95	1	1	9.406392
Annual Permit 1_str	BOBJ1	9.5833	After	Interior Girder 1	9.5833	0.95	1	1	4.947907
Annual Permit 1_str	BOBJ1	9.5833	After	Interior Girder 2	9.5833	0.95	1	1	5.518869
Annual Permit 1_str	BOBJ1	9.5833	After	Interior Girder 3	9.5833	0.95	1	1	5.817536
Annual Permit 1_str	BOBJ1	9.5833	After	Interior Girder 4	9.5833	0.95	1	1	5.510102
Annual Permit 1_str	BOBJ1	9.5833	After	Interior Girder 5	9.5833	0.95	1	1	5.003076
Annual Permit 1_str	BOBJ1	9.5833	After	Right Exterior Girder	9.5833	0.95	1	1	9.406392
Annual Permit 1_str	BOBJ1	11.5	Before	Left Exterior Girder	11.5	0.95	1	1	9.477154
Annual Permit 1_str	BOBJ1	11.5	Before	Interior Girder 1	11.5	0.95	1	1	5.00276
Annual Permit 1_str	BOBJ1	11.5	Before	Interior Girder 2	11.5	0.95	1	1	5.580061
Annual Permit 1_str	BOBJ1	11.5	Before	Interior Girder 3	11.5	0.95	1	1	5.88204
Annual Permit 1_str	BOBJ1	11.5	Before	Interior Girder 4	11.5	0.95	1	1	5.571197
Annual Permit 1_str	BOBJ1	11.5	Before	Interior Girder 5	11.5	0.95	1	1	5.058541
Annual Permit 1_str	BOBJ1	11.5	Before	Right Exterior Girder	11.5	0.95	1	1	9.477154
Annual Permit 1_str	BOBJ1	11.5	After	Left Exterior Girder	11.5	0.95	1	1	9.47582
Annual Permit 1_str	BOBJ1	11.5	After	Interior Girder 1	11.5	0.95	1	1	5.000831
Annual Permit 1_str	BOBJ1	11.5	After	Interior Girder 2	11.5	0.95	1	1	5.578606
Annual Permit 1_str	BOBJ1	11.5	After	Interior Girder 3	11.5	0.95	1	1	5.880516
Annual Permit 1_str	BOBJ1	11.5	After	Interior Girder 4	11.5	0.95	1	1	5.569745
Annual Permit 1_str	BOBJ1	11.5	After	Interior Girder 5	11.5	0.95	1	1	5.05659
Annual Permit 1_str	BOBJ1	11.5	After	Right Exterior Girder	11.5	0.95	1	1	9.47582
Annual Permit 1_str	BOBJ1	13.4167	Before	Left Exterior Girder	13.4167	0.95	1	1	9.405058
Annual Permit 1_str	BOBJ1	13.4167	Before	Interior Girder 1	13.4167	0.95	1	1	4.945978
Annual Permit 1_str	BOBJ1	13.4167	Before	Interior Girder 2	13.4167	0.95	1	1	5.517415
Annual Permit 1_str	BOBJ1	13.4167	Before	Interior Girder 3	13.4167	0.95	1	1	5.816011
Annual Permit 1_str	BOBJ1	13.4167	Before	Interior Girder 4	13.4167	0.95	1	1	5.50865

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Main Span Stringers									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Annual Permit 1_str	BOBJ1	13.4167	Before	Interior Girder 5	13.4167	0.95	1	1	5.001126
Annual Permit 1_str	BOBJ1	13.4167	Before	Right Exterior Girder	13.4167	0.95	1	1	9.405058
Annual Permit 1_str	BOBJ1	13.4167	After	Left Exterior Girder	13.4167	0.95	1	1	7.451104
Annual Permit 1_str	BOBJ1	13.4167	After	Interior Girder 1	13.4167	0.95	1	1	4.00514
Annual Permit 1_str	BOBJ1	13.4167	After	Interior Girder 2	13.4167	0.95	1	1	4.457435
Annual Permit 1_str	BOBJ1	13.4167	After	Interior Girder 3	13.4167	0.95	1	1	4.679902
Annual Permit 1_str	BOBJ1	13.4167	After	Interior Girder 4	13.4167	0.95	1	1	4.446015
Annual Permit 1_str	BOBJ1	13.4167	After	Interior Girder 5	13.4167	0.95	1	1	4.042669
Annual Permit 1_str	BOBJ1	13.4167	After	Right Exterior Girder	13.4167	0.95	1	1	7.451104
Annual Permit 1_str	BOBJ1	15.3333	Before	Left Exterior Girder	15.3333	0.95	1	1	7.394894
Annual Permit 1_str	BOBJ1	15.3333	Before	Interior Girder 1	15.3333	0.95	1	1	3.960535
Annual Permit 1_str	BOBJ1	15.3333	Before	Interior Girder 2	15.3333	0.95	1	1	4.407785
Annual Permit 1_str	BOBJ1	15.3333	Before	Interior Girder 3	15.3333	0.95	1	1	4.627772
Annual Permit 1_str	BOBJ1	15.3333	Before	Interior Girder 4	15.3333	0.95	1	1	4.396493
Annual Permit 1_str	BOBJ1	15.3333	Before	Interior Girder 5	15.3333	0.95	1	1	3.997646
Annual Permit 1_str	BOBJ1	15.3333	Before	Right Exterior Girder	15.3333	0.95	1	1	7.394893
Annual Permit 1_str	BOBJ1	15.3333	After	Left Exterior Girder	15.3333	0.95	1	1	6.062439
Annual Permit 1_str	BOBJ1	15.3333	After	Interior Girder 1	15.3333	0.95	1	1	3.295839
Annual Permit 1_str	BOBJ1	15.3333	After	Interior Girder 2	15.3333	0.95	1	1	3.657671
Annual Permit 1_str	BOBJ1	15.3333	After	Interior Girder 3	15.3333	0.95	1	1	3.83364
Annual Permit 1_str	BOBJ1	15.3333	After	Interior Girder 4	15.3333	0.95	1	1	3.646562
Annual Permit 1_str	BOBJ1	15.3333	After	Interior Girder 5	15.3333	0.95	1	1	3.323529
Annual Permit 1_str	BOBJ1	15.3333	After	Right Exterior Girder	15.3333	0.95	1	1	6.062439
Annual Permit 1_str	BOBJ1	17.25	Before	Left Exterior Girder	17.25	0.95	1	1	6.016234
Annual Permit 1_str	BOBJ1	17.25	Before	Interior Girder 1	17.25	0.95	1	1	3.25856
Annual Permit 1_str	BOBJ1	17.25	Before	Interior Girder 2	17.25	0.95	1	1	3.61629
Annual Permit 1_str	BOBJ1	17.25	Before	Interior Girder 3	17.25	0.95	1	1	3.790263
Annual Permit 1_str	BOBJ1	17.25	Before	Interior Girder 4	17.25	0.95	1	1	3.605307
Annual Permit 1_str	BOBJ1	17.25	Before	Interior Girder 5	17.25	0.95	1	1	3.285936
Annual Permit 1_str	BOBJ1	17.25	Before	Right Exterior Girder	17.25	0.95	1	1	6.016234
Annual Permit 1_str	BOBJ1	17.25	After	Left Exterior Girder	17.25	0.95	1	1	5.099103
Annual Permit 1_str	BOBJ1	17.25	After	Interior Girder 1	17.25	0.95	1	1	2.767403
Annual Permit 1_str	BOBJ1	17.25	After	Interior Girder 2	17.25	0.95	1	1	3.068559
Annual Permit 1_str	BOBJ1	17.25	After	Interior Girder 3	17.25	0.95	1	1	3.221531
Annual Permit 1_str	BOBJ1	17.25	After	Interior Girder 4	17.25	0.95	1	1	3.058139
Annual Permit 1_str	BOBJ1	17.25	After	Interior Girder 5	17.25	0.95	1	1	2.789406
Annual Permit 1_str	BOBJ1	17.25	After	Right Exterior Girder	17.25	0.95	1	1	5.099103
Annual Permit 1_str	BOBJ1	19.1667	Before	Left Exterior Girder	19.1667	0.95	1	1	5.059839
Annual Permit 1_str	BOBJ1	19.1667	Before	Interior Girder 1	19.1667	0.95	1	1	2.735602
Annual Permit 1_str	BOBJ1	19.1667	Before	Interior Girder 2	19.1667	0.95	1	1	3.033291
Annual Permit 1_str	BOBJ1	19.1667	Before	Interior Girder 3	19.1667	0.95	1	1	3.184496
Annual Permit 1_str	BOBJ1	19.1667	Before	Interior Girder 4	19.1667	0.95	1	1	3.02299
Annual Permit 1_str	BOBJ1	19.1667	Before	Interior Girder 5	19.1667	0.95	1	1	2.757351
Annual Permit 1_str	BOBJ1	19.1667	Before	Right Exterior Girder	19.1667	0.95	1	1	5.059839
Annual Permit 1_str	BOBJ1	19.1667	After	Left Exterior Girder	19.1667	0.95	1	1	4.391834
Annual Permit 1_str	BOBJ1	19.1667	After	Interior Girder 1	19.1667	0.95	1	1	2.350524
Annual Permit 1_str	BOBJ1	19.1667	After	Interior Girder 2	19.1667	0.95	1	1	2.608304
Annual Permit 1_str	BOBJ1	19.1667	After	Interior Girder 3	19.1667	0.95	1	1	2.749681
Annual Permit 1_str	BOBJ1	19.1667	After	Interior Girder 4	19.1667	0.95	1	1	2.598887
Annual Permit 1_str	BOBJ1	19.1667	After	Interior Girder 5	19.1667	0.95	1	1	2.369494
Annual Permit 1_str	BOBJ1	19.1667	After	Right Exterior Girder	19.1667	0.95	1	1	4.391834
Annual Permit 1_str	BOBJ1	21.0833	Before	Left Exterior Girder	21.0833	0.95	1	1	4.357663
Annual Permit 1_str	BOBJ1	21.0833	Before	Interior Girder 1	21.0833	0.95	1	1	2.323074
Annual Permit 1_str	BOBJ1	21.0833	Before	Interior Girder 2	21.0833	0.95	1	1	2.57784
Annual Permit 1_str	BOBJ1	21.0833	Before	Interior Girder 3	21.0833	0.95	1	1	2.717554
Annual Permit 1_str	BOBJ1	21.0833	Before	Interior Girder 4	21.0833	0.95	1	1	2.568534
Annual Permit 1_str	BOBJ1	21.0833	Before	Interior Girder 5	21.0833	0.95	1	1	2.341823
Annual Permit 1_str	BOBJ1	21.0833	Before	Right Exterior Girder	21.0833	0.95	1	1	4.357663
Annual Permit 1_str	BOBJ1	21.0833	After	Left Exterior Girder	21.0833	0.95	1	1	3.85033
Annual Permit 1_str	BOBJ1	21.0833	After	Interior Girder 1	21.0833	0.95	1	1	2.001959
Annual Permit 1_str	BOBJ1	21.0833	After	Interior Girder 2	21.0833	0.95	1	1	2.226629
Annual Permit 1_str	BOBJ1	21.0833	After	Interior Girder 3	21.0833	0.95	1	1	2.34491
Annual Permit 1_str	BOBJ1	21.0833	After	Interior Girder 4	21.0833	0.95	1	1	2.218289
Annual Permit 1_str	BOBJ1	21.0833	After	Interior Girder 5	21.0833	0.95	1	1	2.019249
Annual Permit 1_str	BOBJ1	21.0833	After	Right Exterior Girder	21.0833	0.95	1	1	3.85033

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Main Span Stringers									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Annual Permit 1_str	BOBJ1	23	Before	Left Exterior Girder	23	0.95	1	1	3.820069
Annual Permit 1_str	BOBJ1	23	Before	Interior Girder 1	23	0.95	1	1	1.978178
Annual Permit 1_str	BOBJ1	23	Before	Interior Girder 2	23	0.95	1	1	2.200201
Annual Permit 1_str	BOBJ1	23	Before	Interior Girder 3	23	0.95	1	1	2.317063
Annual Permit 1_str	BOBJ1	23	Before	Interior Girder 4	23	0.95	1	1	2.19196
Annual Permit 1_str	BOBJ1	23	Before	Interior Girder 5	23	0.95	1	1	1.995263
Annual Permit 1_str	BOBJ1	23	Before	Right Exterior Girder	23	0.95	1	1	3.820069
Annual Permit 2_str	BOBJ1	0	After	Left Exterior Girder	0	0.95	1	1	3.819321
Annual Permit 2_str	BOBJ1	0	After	Interior Girder 1	0	0.95	1	1	1.980157
Annual Permit 2_str	BOBJ1	0	After	Interior Girder 2	0	0.95	1	1	2.200501
Annual Permit 2_str	BOBJ1	0	After	Interior Girder 3	0	0.95	1	1	2.31739
Annual Permit 2_str	BOBJ1	0	After	Interior Girder 4	0	0.95	1	1	2.192259
Annual Permit 2_str	BOBJ1	0	After	Interior Girder 5	0	0.95	1	1	1.997259
Annual Permit 2_str	BOBJ1	0	After	Right Exterior Girder	0	0.95	1	1	3.819321
Annual Permit 2_str	BOBJ1	1.9167	Before	Left Exterior Girder	1.9167	0.95	1	1	3.849582
Annual Permit 2_str	BOBJ1	1.9167	Before	Interior Girder 1	1.9167	0.95	1	1	2.003938
Annual Permit 2_str	BOBJ1	1.9167	Before	Interior Girder 2	1.9167	0.95	1	1	2.226929
Annual Permit 2_str	BOBJ1	1.9167	Before	Interior Girder 3	1.9167	0.95	1	1	2.345237
Annual Permit 2_str	BOBJ1	1.9167	Before	Interior Girder 4	1.9167	0.95	1	1	2.218587
Annual Permit 2_str	BOBJ1	1.9167	Before	Interior Girder 5	1.9167	0.95	1	1	2.021246
Annual Permit 2_str	BOBJ1	1.9167	Before	Right Exterior Girder	1.9167	0.95	1	1	3.849582
Annual Permit 2_str	BOBJ1	1.9167	After	Left Exterior Girder	1.9167	0.95	1	1	4.358251
Annual Permit 2_str	BOBJ1	1.9167	After	Interior Girder 1	1.9167	0.95	1	1	2.324072
Annual Permit 2_str	BOBJ1	1.9167	After	Interior Girder 2	1.9167	0.95	1	1	2.57856
Annual Permit 2_str	BOBJ1	1.9167	After	Interior Girder 3	1.9167	0.95	1	1	2.718354
Annual Permit 2_str	BOBJ1	1.9167	After	Interior Girder 4	1.9167	0.95	1	1	2.569251
Annual Permit 2_str	BOBJ1	1.9167	After	Interior Girder 5	1.9167	0.95	1	1	2.342829
Annual Permit 2_str	BOBJ1	1.9167	After	Right Exterior Girder	1.9167	0.95	1	1	4.35825
Annual Permit 2_str	BOBJ1	3.8333	Before	Left Exterior Girder	3.8333	0.95	1	1	4.392422
Annual Permit 2_str	BOBJ1	3.8333	Before	Interior Girder 1	3.8333	0.95	1	1	2.351521
Annual Permit 2_str	BOBJ1	3.8333	Before	Interior Girder 2	3.8333	0.95	1	1	2.609023
Annual Permit 2_str	BOBJ1	3.8333	Before	Interior Girder 3	3.8333	0.95	1	1	2.75048
Annual Permit 2_str	BOBJ1	3.8333	Before	Interior Girder 4	3.8333	0.95	1	1	2.599604
Annual Permit 2_str	BOBJ1	3.8333	Before	Interior Girder 5	3.8333	0.95	1	1	2.3705
Annual Permit 2_str	BOBJ1	3.8333	Before	Right Exterior Girder	3.8333	0.95	1	1	4.392421
Annual Permit 2_str	BOBJ1	3.8333	After	Left Exterior Girder	3.8333	0.95	1	1	5.060446
Annual Permit 2_str	BOBJ1	3.8333	After	Interior Girder 1	3.8333	0.95	1	1	2.736873
Annual Permit 2_str	BOBJ1	3.8333	After	Interior Girder 2	3.8333	0.95	1	1	3.034078
Annual Permit 2_str	BOBJ1	3.8333	After	Interior Girder 3	3.8333	0.95	1	1	3.185352
Annual Permit 2_str	BOBJ1	3.8333	After	Interior Girder 4	3.8333	0.95	1	1	3.023775
Annual Permit 2_str	BOBJ1	3.8333	After	Interior Girder 5	3.8333	0.95	1	1	2.758633
Annual Permit 2_str	BOBJ1	3.8333	After	Right Exterior Girder	3.8333	0.95	1	1	5.060446
Annual Permit 2_str	BOBJ1	5.75	Before	Left Exterior Girder	5.75	0.95	1	1	5.09971
Annual Permit 2_str	BOBJ1	5.75	Before	Interior Girder 1	5.75	0.95	1	1	2.768675
Annual Permit 2_str	BOBJ1	5.75	Before	Interior Girder 2	5.75	0.95	1	1	3.069347
Annual Permit 2_str	BOBJ1	5.75	Before	Interior Girder 3	5.75	0.95	1	1	3.222387
Annual Permit 2_str	BOBJ1	5.75	Before	Interior Girder 4	5.75	0.95	1	1	3.058924
Annual Permit 2_str	BOBJ1	5.75	Before	Interior Girder 5	5.75	0.95	1	1	2.790688
Annual Permit 2_str	BOBJ1	5.75	Before	Right Exterior Girder	5.75	0.95	1	1	5.09971
Annual Permit 2_str	BOBJ1	5.75	After	Left Exterior Girder	5.75	0.95	1	1	6.017028
Annual Permit 2_str	BOBJ1	5.75	After	Interior Girder 1	5.75	0.95	1	1	3.259934
Annual Permit 2_str	BOBJ1	5.75	After	Interior Girder 2	5.75	0.95	1	1	3.61725
Annual Permit 2_str	BOBJ1	5.75	After	Interior Girder 3	5.75	0.95	1	1	3.791288
Annual Permit 2_str	BOBJ1	5.75	After	Interior Girder 4	5.75	0.95	1	1	3.606264
Annual Permit 2_str	BOBJ1	5.75	After	Interior Girder 5	5.75	0.95	1	1	3.287323
Annual Permit 2_str	BOBJ1	5.75	After	Right Exterior Girder	5.75	0.95	1	1	6.017028
Annual Permit 2_str	BOBJ1	7.6667	Before	Left Exterior Girder	7.6667	0.95	1	1	6.063233
Annual Permit 2_str	BOBJ1	7.6667	Before	Interior Girder 1	7.6667	0.95	1	1	3.297213
Annual Permit 2_str	BOBJ1	7.6667	Before	Interior Girder 2	7.6667	0.95	1	1	3.658631
Annual Permit 2_str	BOBJ1	7.6667	Before	Interior Girder 3	7.6667	0.95	1	1	3.834665
Annual Permit 2_str	BOBJ1	7.6667	Before	Interior Girder 4	7.6667	0.95	1	1	3.647519
Annual Permit 2_str	BOBJ1	7.6667	Before	Interior Girder 5	7.6667	0.95	1	1	3.324915
Annual Permit 2_str	BOBJ1	7.6667	Before	Right Exterior Girder	7.6667	0.95	1	1	6.063233
Annual Permit 2_str	BOBJ1	7.6667	After	Left Exterior Girder	7.6667	0.95	1	1	7.39592
Annual Permit 2_str	BOBJ1	7.6667	After	Interior Girder 1	7.6667	0.95	1	1	3.962132

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Main Span Stringers									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Annual Permit 2_str	BOBJ1	7.6667	After	Interior Girder 2	7.6667	0.95	1	1	4.408955
Annual Permit 2_str	BOBJ1	7.6667	After	Interior Girder 3	7.6667	0.95	1	1	4.629002
Annual Permit 2_str	BOBJ1	7.6667	After	Interior Girder 4	7.6667	0.95	1	1	4.397659
Annual Permit 2_str	BOBJ1	7.6667	After	Interior Girder 5	7.6667	0.95	1	1	3.999258
Annual Permit 2_str	BOBJ1	7.6667	After	Right Exterior Girder	7.6667	0.95	1	1	7.39592
Annual Permit 2_str	BOBJ1	9.5833	Before	Left Exterior Girder	9.5833	0.95	1	1	7.452131
Annual Permit 2_str	BOBJ1	9.5833	Before	Interior Girder 1	9.5833	0.95	1	1	4.006737
Annual Permit 2_str	BOBJ1	9.5833	Before	Interior Girder 2	9.5833	0.95	1	1	4.458604
Annual Permit 2_str	BOBJ1	9.5833	Before	Interior Girder 3	9.5833	0.95	1	1	4.681133
Annual Permit 2_str	BOBJ1	9.5833	Before	Interior Girder 4	9.5833	0.95	1	1	4.447182
Annual Permit 2_str	BOBJ1	9.5833	Before	Interior Girder 5	9.5833	0.95	1	1	4.044281
Annual Permit 2_str	BOBJ1	9.5833	Before	Right Exterior Girder	9.5833	0.95	1	1	7.452131
Annual Permit 2_str	BOBJ1	9.5833	After	Left Exterior Girder	9.5833	0.95	1	1	9.406392
Annual Permit 2_str	BOBJ1	9.5833	After	Interior Girder 1	9.5833	0.95	1	1	4.947907
Annual Permit 2_str	BOBJ1	9.5833	After	Interior Girder 2	9.5833	0.95	1	1	5.518869
Annual Permit 2_str	BOBJ1	9.5833	After	Interior Girder 3	9.5833	0.95	1	1	5.817536
Annual Permit 2_str	BOBJ1	9.5833	After	Interior Girder 4	9.5833	0.95	1	1	5.510102
Annual Permit 2_str	BOBJ1	9.5833	After	Interior Girder 5	9.5833	0.95	1	1	5.003076
Annual Permit 2_str	BOBJ1	9.5833	After	Right Exterior Girder	9.5833	0.95	1	1	9.406392
Annual Permit 2_str	BOBJ1	11.5	Before	Left Exterior Girder	11.5	0.95	1	1	9.477154
Annual Permit 2_str	BOBJ1	11.5	Before	Interior Girder 1	11.5	0.95	1	1	5.00276
Annual Permit 2_str	BOBJ1	11.5	Before	Interior Girder 2	11.5	0.95	1	1	5.580061
Annual Permit 2_str	BOBJ1	11.5	Before	Interior Girder 3	11.5	0.95	1	1	5.88204
Annual Permit 2_str	BOBJ1	11.5	Before	Interior Girder 4	11.5	0.95	1	1	5.571197
Annual Permit 2_str	BOBJ1	11.5	Before	Interior Girder 5	11.5	0.95	1	1	5.058541
Annual Permit 2_str	BOBJ1	11.5	Before	Right Exterior Girder	11.5	0.95	1	1	9.477154
Annual Permit 2_str	BOBJ1	11.5	After	Left Exterior Girder	11.5	0.95	1	1	9.47582
Annual Permit 2_str	BOBJ1	11.5	After	Interior Girder 1	11.5	0.95	1	1	5.000831
Annual Permit 2_str	BOBJ1	11.5	After	Interior Girder 2	11.5	0.95	1	1	5.578606
Annual Permit 2_str	BOBJ1	11.5	After	Interior Girder 3	11.5	0.95	1	1	5.880516
Annual Permit 2_str	BOBJ1	11.5	After	Interior Girder 4	11.5	0.95	1	1	5.569745
Annual Permit 2_str	BOBJ1	11.5	After	Interior Girder 5	11.5	0.95	1	1	5.05659
Annual Permit 2_str	BOBJ1	11.5	After	Right Exterior Girder	11.5	0.95	1	1	9.47582
Annual Permit 2_str	BOBJ1	13.4167	Before	Left Exterior Girder	13.4167	0.95	1	1	9.405058
Annual Permit 2_str	BOBJ1	13.4167	Before	Interior Girder 1	13.4167	0.95	1	1	4.945978
Annual Permit 2_str	BOBJ1	13.4167	Before	Interior Girder 2	13.4167	0.95	1	1	5.517415
Annual Permit 2_str	BOBJ1	13.4167	Before	Interior Girder 3	13.4167	0.95	1	1	5.816011
Annual Permit 2_str	BOBJ1	13.4167	Before	Interior Girder 4	13.4167	0.95	1	1	5.50865
Annual Permit 2_str	BOBJ1	13.4167	Before	Interior Girder 5	13.4167	0.95	1	1	5.001126
Annual Permit 2_str	BOBJ1	13.4167	Before	Right Exterior Girder	13.4167	0.95	1	1	9.405058
Annual Permit 2_str	BOBJ1	13.4167	After	Left Exterior Girder	13.4167	0.95	1	1	7.451104
Annual Permit 2_str	BOBJ1	13.4167	After	Interior Girder 1	13.4167	0.95	1	1	4.00514
Annual Permit 2_str	BOBJ1	13.4167	After	Interior Girder 2	13.4167	0.95	1	1	4.457435
Annual Permit 2_str	BOBJ1	13.4167	After	Interior Girder 3	13.4167	0.95	1	1	4.679902
Annual Permit 2_str	BOBJ1	13.4167	After	Interior Girder 4	13.4167	0.95	1	1	4.446015
Annual Permit 2_str	BOBJ1	13.4167	After	Interior Girder 5	13.4167	0.95	1	1	4.042669
Annual Permit 2_str	BOBJ1	13.4167	After	Right Exterior Girder	13.4167	0.95	1	1	7.451104
Annual Permit 2_str	BOBJ1	15.3333	Before	Left Exterior Girder	15.3333	0.95	1	1	7.394894
Annual Permit 2_str	BOBJ1	15.3333	Before	Interior Girder 1	15.3333	0.95	1	1	3.960535
Annual Permit 2_str	BOBJ1	15.3333	Before	Interior Girder 2	15.3333	0.95	1	1	4.407785
Annual Permit 2_str	BOBJ1	15.3333	Before	Interior Girder 3	15.3333	0.95	1	1	4.627772
Annual Permit 2_str	BOBJ1	15.3333	Before	Interior Girder 4	15.3333	0.95	1	1	4.396493
Annual Permit 2_str	BOBJ1	15.3333	Before	Interior Girder 5	15.3333	0.95	1	1	3.997646
Annual Permit 2_str	BOBJ1	15.3333	Before	Right Exterior Girder	15.3333	0.95	1	1	7.394893
Annual Permit 2_str	BOBJ1	15.3333	After	Left Exterior Girder	15.3333	0.95	1	1	6.062439
Annual Permit 2_str	BOBJ1	15.3333	After	Interior Girder 1	15.3333	0.95	1	1	3.295839
Annual Permit 2_str	BOBJ1	15.3333	After	Interior Girder 2	15.3333	0.95	1	1	3.657671
Annual Permit 2_str	BOBJ1	15.3333	After	Interior Girder 3	15.3333	0.95	1	1	3.83364
Annual Permit 2_str	BOBJ1	15.3333	After	Interior Girder 4	15.3333	0.95	1	1	3.646562
Annual Permit 2_str	BOBJ1	15.3333	After	Interior Girder 5	15.3333	0.95	1	1	3.323529
Annual Permit 2_str	BOBJ1	15.3333	After	Right Exterior Girder	15.3333	0.95	1	1	6.062439
Annual Permit 2_str	BOBJ1	17.25	Before	Left Exterior Girder	17.25	0.95	1	1	6.016234
Annual Permit 2_str	BOBJ1	17.25	Before	Interior Girder 1	17.25	0.95	1	1	3.25856
Annual Permit 2_str	BOBJ1	17.25	Before	Interior Girder 2	17.25	0.95	1	1	3.61629
Annual Permit 2_str	BOBJ1	17.25	Before	Interior Girder 3	17.25	0.95	1	1	3.790263

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Main Span Stringers									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Annual Permit 2_str	BOBJ1	17.25	Before	Interior Girder 4	17.25	0.95	1	1	3.605307
Annual Permit 2_str	BOBJ1	17.25	Before	Interior Girder 5	17.25	0.95	1	1	3.285936
Annual Permit 2_str	BOBJ1	17.25	Before	Right Exterior Girder	17.25	0.95	1	1	6.016234
Annual Permit 2_str	BOBJ1	17.25	After	Left Exterior Girder	17.25	0.95	1	1	5.099103
Annual Permit 2_str	BOBJ1	17.25	After	Interior Girder 1	17.25	0.95	1	1	2.767403
Annual Permit 2_str	BOBJ1	17.25	After	Interior Girder 2	17.25	0.95	1	1	3.068559
Annual Permit 2_str	BOBJ1	17.25	After	Interior Girder 3	17.25	0.95	1	1	3.221531
Annual Permit 2_str	BOBJ1	17.25	After	Interior Girder 4	17.25	0.95	1	1	3.058139
Annual Permit 2_str	BOBJ1	17.25	After	Interior Girder 5	17.25	0.95	1	1	2.789406
Annual Permit 2_str	BOBJ1	17.25	After	Right Exterior Girder	17.25	0.95	1	1	5.099103
Annual Permit 2_str	BOBJ1	19.1667	Before	Left Exterior Girder	19.1667	0.95	1	1	5.059839
Annual Permit 2_str	BOBJ1	19.1667	Before	Interior Girder 1	19.1667	0.95	1	1	2.735602
Annual Permit 2_str	BOBJ1	19.1667	Before	Interior Girder 2	19.1667	0.95	1	1	3.033291
Annual Permit 2_str	BOBJ1	19.1667	Before	Interior Girder 3	19.1667	0.95	1	1	3.184496
Annual Permit 2_str	BOBJ1	19.1667	Before	Interior Girder 4	19.1667	0.95	1	1	3.02299
Annual Permit 2_str	BOBJ1	19.1667	Before	Interior Girder 5	19.1667	0.95	1	1	2.757351
Annual Permit 2_str	BOBJ1	19.1667	Before	Right Exterior Girder	19.1667	0.95	1	1	5.059839
Annual Permit 2_str	BOBJ1	19.1667	After	Left Exterior Girder	19.1667	0.95	1	1	4.391834
Annual Permit 2_str	BOBJ1	19.1667	After	Interior Girder 1	19.1667	0.95	1	1	2.350524
Annual Permit 2_str	BOBJ1	19.1667	After	Interior Girder 2	19.1667	0.95	1	1	2.608304
Annual Permit 2_str	BOBJ1	19.1667	After	Interior Girder 3	19.1667	0.95	1	1	2.749681
Annual Permit 2_str	BOBJ1	19.1667	After	Interior Girder 4	19.1667	0.95	1	1	2.598887
Annual Permit 2_str	BOBJ1	19.1667	After	Interior Girder 5	19.1667	0.95	1	1	2.369494
Annual Permit 2_str	BOBJ1	19.1667	After	Right Exterior Girder	19.1667	0.95	1	1	4.391834
Annual Permit 2_str	BOBJ1	21.0833	Before	Left Exterior Girder	21.0833	0.95	1	1	4.357663
Annual Permit 2_str	BOBJ1	21.0833	Before	Interior Girder 1	21.0833	0.95	1	1	2.323074
Annual Permit 2_str	BOBJ1	21.0833	Before	Interior Girder 2	21.0833	0.95	1	1	2.57784
Annual Permit 2_str	BOBJ1	21.0833	Before	Interior Girder 3	21.0833	0.95	1	1	2.717554
Annual Permit 2_str	BOBJ1	21.0833	Before	Interior Girder 4	21.0833	0.95	1	1	2.568534
Annual Permit 2_str	BOBJ1	21.0833	Before	Interior Girder 5	21.0833	0.95	1	1	2.341823
Annual Permit 2_str	BOBJ1	21.0833	Before	Right Exterior Girder	21.0833	0.95	1	1	4.357663
Annual Permit 2_str	BOBJ1	21.0833	After	Left Exterior Girder	21.0833	0.95	1	1	3.85033
Annual Permit 2_str	BOBJ1	21.0833	After	Interior Girder 1	21.0833	0.95	1	1	2.001959
Annual Permit 2_str	BOBJ1	21.0833	After	Interior Girder 2	21.0833	0.95	1	1	2.226629
Annual Permit 2_str	BOBJ1	21.0833	After	Interior Girder 3	21.0833	0.95	1	1	2.34491
Annual Permit 2_str	BOBJ1	21.0833	After	Interior Girder 4	21.0833	0.95	1	1	2.218289
Annual Permit 2_str	BOBJ1	21.0833	After	Interior Girder 5	21.0833	0.95	1	1	2.019249
Annual Permit 2_str	BOBJ1	21.0833	After	Right Exterior Girder	21.0833	0.95	1	1	3.85033
Annual Permit 2_str	BOBJ1	23	Before	Left Exterior Girder	23	0.95	1	1	3.820069
Annual Permit 2_str	BOBJ1	23	Before	Interior Girder 1	23	0.95	1	1	1.978178
Annual Permit 2_str	BOBJ1	23	Before	Interior Girder 2	23	0.95	1	1	2.200201
Annual Permit 2_str	BOBJ1	23	Before	Interior Girder 3	23	0.95	1	1	2.317063
Annual Permit 2_str	BOBJ1	23	Before	Interior Girder 4	23	0.95	1	1	2.19196
Annual Permit 2_str	BOBJ1	23	Before	Interior Girder 5	23	0.95	1	1	1.995263
Annual Permit 2_str	BOBJ1	23	Before	Right Exterior Girder	23	0.95	1	1	3.820069
Overweight Permit_str	BOBJ1	0	After	Left Exterior Girder	0	0.95	1	1	4.39332
Overweight Permit_str	BOBJ1	0	After	Interior Girder 1	0	0.95	1	1	2.620918
Overweight Permit_str	BOBJ1	0	After	Interior Girder 2	0	0.95	1	1	2.861537
Overweight Permit_str	BOBJ1	0	After	Interior Girder 3	0	0.95	1	1	2.940189
Overweight Permit_str	BOBJ1	0	After	Interior Girder 4	0	0.95	1	1	2.849353
Overweight Permit_str	BOBJ1	0	After	Interior Girder 5	0	0.95	1	1	2.63985
Overweight Permit_str	BOBJ1	0	After	Right Exterior Girder	0	0.95	1	1	4.39332
Overweight Permit_str	BOBJ1	1.9167	Before	Left Exterior Girder	1.9167	0.95	1	1	4.428129
Overweight Permit_str	BOBJ1	1.9167	Before	Interior Girder 1	1.9167	0.95	1	1	2.652394
Overweight Permit_str	BOBJ1	1.9167	Before	Interior Girder 2	1.9167	0.95	1	1	2.895904
Overweight Permit_str	BOBJ1	1.9167	Before	Interior Girder 3	1.9167	0.95	1	1	2.97552
Overweight Permit_str	BOBJ1	1.9167	Before	Interior Girder 4	1.9167	0.95	1	1	2.883574
Overweight Permit_str	BOBJ1	1.9167	Before	Interior Girder 5	1.9167	0.95	1	1	2.671554
Overweight Permit_str	BOBJ1	1.9167	Before	Right Exterior Girder	1.9167	0.95	1	1	4.428128
Overweight Permit_str	BOBJ1	1.9167	After	Left Exterior Girder	1.9167	0.95	1	1	5.093467
Overweight Permit_str	BOBJ1	1.9167	After	Interior Girder 1	1.9167	0.95	1	1	3.134524
Overweight Permit_str	BOBJ1	1.9167	After	Interior Girder 2	1.9167	0.95	1	1	3.417887
Overweight Permit_str	BOBJ1	1.9167	After	Interior Girder 3	1.9167	0.95	1	1	3.505029
Overweight Permit_str	BOBJ1	1.9167	After	Interior Girder 4	1.9167	0.95	1	1	3.403895
Overweight Permit_str	BOBJ1	1.9167	After	Interior Girder 5	1.9167	0.95	1	1	3.155455

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Main Span Stringers									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Overweight Permit_str	BOBJ1	1.9167	After	Right Exterior Girder	1.9167	0.95	1	1	5.093467
Overweight Permit_str	BOBJ1	3.8333	Before	Left Exterior Girder	3.8333	0.95	1	1	5.133403
Overweight Permit_str	BOBJ1	3.8333	Before	Interior Girder 1	3.8333	0.95	1	1	3.171546
Overweight Permit_str	BOBJ1	3.8333	Before	Interior Girder 2	3.8333	0.95	1	1	3.458266
Overweight Permit_str	BOBJ1	3.8333	Before	Interior Girder 3	3.8333	0.95	1	1	3.546452
Overweight Permit_str	BOBJ1	3.8333	Before	Interior Girder 4	3.8333	0.95	1	1	3.444109
Overweight Permit_str	BOBJ1	3.8333	Before	Interior Girder 5	3.8333	0.95	1	1	3.192724
Overweight Permit_str	BOBJ1	3.8333	Before	Right Exterior Girder	3.8333	0.95	1	1	5.133402
Overweight Permit_str	BOBJ1	3.8333	After	Left Exterior Girder	3.8333	0.95	1	1	5.884297
Overweight Permit_str	BOBJ1	3.8333	After	Interior Girder 1	3.8333	0.95	1	1	3.668233
Overweight Permit_str	BOBJ1	3.8333	After	Interior Girder 2	3.8333	0.95	1	1	3.998343
Overweight Permit_str	BOBJ1	3.8333	After	Interior Girder 3	3.8333	0.95	1	1	4.087248
Overweight Permit_str	BOBJ1	3.8333	After	Interior Girder 4	3.8333	0.95	1	1	3.982943
Overweight Permit_str	BOBJ1	3.8333	After	Interior Girder 5	3.8333	0.95	1	1	3.692677
Overweight Permit_str	BOBJ1	3.8333	After	Right Exterior Girder	3.8333	0.95	1	1	5.884297
Overweight Permit_str	BOBJ1	5.75	Before	Left Exterior Girder	5.75	0.95	1	1	5.929954
Overweight Permit_str	BOBJ1	5.75	Before	Interior Girder 1	5.75	0.95	1	1	3.710858
Overweight Permit_str	BOBJ1	5.75	Before	Interior Girder 2	5.75	0.95	1	1	4.044821
Overweight Permit_str	BOBJ1	5.75	Before	Interior Girder 3	5.75	0.95	1	1	4.13477
Overweight Permit_str	BOBJ1	5.75	Before	Interior Girder 4	5.75	0.95	1	1	4.029242
Overweight Permit_str	BOBJ1	5.75	Before	Interior Girder 5	5.75	0.95	1	1	3.735585
Overweight Permit_str	BOBJ1	5.75	Before	Right Exterior Girder	5.75	0.95	1	1	5.929954
Overweight Permit_str	BOBJ1	5.75	After	Left Exterior Girder	5.75	0.95	1	1	6.949312
Overweight Permit_str	BOBJ1	5.75	After	Interior Girder 1	5.75	0.95	1	1	4.314729
Overweight Permit_str	BOBJ1	5.75	After	Interior Girder 2	5.75	0.95	1	1	4.704362
Overweight Permit_str	BOBJ1	5.75	After	Interior Girder 3	5.75	0.95	1	1	4.811464
Overweight Permit_str	BOBJ1	5.75	After	Interior Girder 4	5.75	0.95	1	1	4.688224
Overweight Permit_str	BOBJ1	5.75	After	Interior Girder 5	5.75	0.95	1	1	4.344761
Overweight Permit_str	BOBJ1	5.75	After	Right Exterior Girder	5.75	0.95	1	1	6.949311
Overweight Permit_str	BOBJ1	7.6667	Before	Left Exterior Girder	7.6667	0.95	1	1	7.002676
Overweight Permit_str	BOBJ1	7.6667	Before	Interior Girder 1	7.6667	0.95	1	1	4.36407
Overweight Permit_str	BOBJ1	7.6667	Before	Interior Girder 2	7.6667	0.95	1	1	4.758179
Overweight Permit_str	BOBJ1	7.6667	Before	Interior Girder 3	7.6667	0.95	1	1	4.866514
Overweight Permit_str	BOBJ1	7.6667	Before	Interior Girder 4	7.6667	0.95	1	1	4.741857
Overweight Permit_str	BOBJ1	7.6667	Before	Interior Girder 5	7.6667	0.95	1	1	4.394446
Overweight Permit_str	BOBJ1	7.6667	Before	Right Exterior Girder	7.6667	0.95	1	1	7.002676
Overweight Permit_str	BOBJ1	7.6667	After	Left Exterior Girder	7.6667	0.95	1	1	8.460264
Overweight Permit_str	BOBJ1	7.6667	After	Interior Girder 1	7.6667	0.95	1	1	5.145489
Overweight Permit_str	BOBJ1	7.6667	After	Interior Girder 2	7.6667	0.95	1	1	5.620172
Overweight Permit_str	BOBJ1	7.6667	After	Interior Girder 3	7.6667	0.95	1	1	5.777708
Overweight Permit_str	BOBJ1	7.6667	After	Interior Girder 4	7.6667	0.95	1	1	5.603986
Overweight Permit_str	BOBJ1	7.6667	After	Interior Girder 5	7.6667	0.95	1	1	5.185108
Overweight Permit_str	BOBJ1	7.6667	After	Right Exterior Girder	7.6667	0.95	1	1	8.460264
Overweight Permit_str	BOBJ1	9.5833	Before	Left Exterior Girder	9.5833	0.95	1	1	8.524564
Overweight Permit_str	BOBJ1	9.5833	Before	Interior Girder 1	9.5833	0.95	1	1	5.203416
Overweight Permit_str	BOBJ1	9.5833	Before	Interior Girder 2	9.5833	0.95	1	1	5.683461
Overweight Permit_str	BOBJ1	9.5833	Before	Interior Girder 3	9.5833	0.95	1	1	5.842775
Overweight Permit_str	BOBJ1	9.5833	Before	Interior Girder 4	9.5833	0.95	1	1	5.667094
Overweight Permit_str	BOBJ1	9.5833	Before	Interior Girder 5	9.5833	0.95	1	1	5.243481
Overweight Permit_str	BOBJ1	9.5833	Before	Right Exterior Girder	9.5833	0.95	1	1	8.524564
Overweight Permit_str	BOBJ1	9.5833	After	Left Exterior Girder	9.5833	0.95	1	1	10.757862
Overweight Permit_str	BOBJ1	9.5833	After	Interior Girder 1	9.5833	0.95	1	1	6.304892
Overweight Permit_str	BOBJ1	9.5833	After	Interior Girder 2	9.5833	0.95	1	1	6.898071
Overweight Permit_str	BOBJ1	9.5833	After	Interior Girder 3	9.5833	0.95	1	1	7.144091
Overweight Permit_str	BOBJ1	9.5833	After	Interior Girder 4	9.5833	0.95	1	1	6.881647
Overweight Permit_str	BOBJ1	9.5833	After	Interior Girder 5	9.5833	0.95	1	1	6.361175
Overweight Permit_str	BOBJ1	9.5833	After	Right Exterior Girder	9.5833	0.95	1	1	10.757862
Overweight Permit_str	BOBJ1	11.5	Before	Left Exterior Girder	11.5	0.95	1	1	10.83879
Overweight Permit_str	BOBJ1	11.5	Before	Interior Girder 1	11.5	0.95	1	1	6.374789
Overweight Permit_str	BOBJ1	11.5	Before	Interior Girder 2	11.5	0.95	1	1	6.974555
Overweight Permit_str	BOBJ1	11.5	Before	Interior Girder 3	11.5	0.95	1	1	7.223304
Overweight Permit_str	BOBJ1	11.5	Before	Interior Girder 4	11.5	0.95	1	1	6.957949
Overweight Permit_str	BOBJ1	11.5	Before	Interior Girder 5	11.5	0.95	1	1	6.431696
Overweight Permit_str	BOBJ1	11.5	Before	Right Exterior Girder	11.5	0.95	1	1	10.83879
Overweight Permit_str	BOBJ1	11.5	After	Left Exterior Girder	11.5	0.95	1	1	10.837264

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Main Span Stringers									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Overweight Permit_str	BOBJ1	11.5	After	Interior Girder 1	11.5	0.95	1	1	6.37233
Overweight Permit_str	BOBJ1	11.5	After	Interior Girder 2	11.5	0.95	1	1	6.972737
Overweight Permit_str	BOBJ1	11.5	After	Interior Girder 3	11.5	0.95	1	1	7.221432
Overweight Permit_str	BOBJ1	11.5	After	Interior Girder 4	11.5	0.95	1	1	6.956136
Overweight Permit_str	BOBJ1	11.5	After	Interior Girder 5	11.5	0.95	1	1	6.429215
Overweight Permit_str	BOBJ1	11.5	After	Right Exterior Girder	11.5	0.95	1	1	10.837264
Overweight Permit_str	BOBJ1	13.4167	Before	Left Exterior Girder	13.4167	0.95	1	1	10.756336
Overweight Permit_str	BOBJ1	13.4167	Before	Interior Girder 1	13.4167	0.95	1	1	6.302434
Overweight Permit_str	BOBJ1	13.4167	Before	Interior Girder 2	13.4167	0.95	1	1	6.896253
Overweight Permit_str	BOBJ1	13.4167	Before	Interior Girder 3	13.4167	0.95	1	1	7.142219
Overweight Permit_str	BOBJ1	13.4167	Before	Interior Girder 4	13.4167	0.95	1	1	6.879834
Overweight Permit_str	BOBJ1	13.4167	Before	Interior Girder 5	13.4167	0.95	1	1	6.358695
Overweight Permit_str	BOBJ1	13.4167	Before	Right Exterior Girder	13.4167	0.95	1	1	10.756336
Overweight Permit_str	BOBJ1	13.4167	After	Left Exterior Girder	13.4167	0.95	1	1	8.52339
Overweight Permit_str	BOBJ1	13.4167	After	Interior Girder 1	13.4167	0.95	1	1	5.201342
Overweight Permit_str	BOBJ1	13.4167	After	Interior Girder 2	13.4167	0.95	1	1	5.681971
Overweight Permit_str	BOBJ1	13.4167	After	Interior Girder 3	13.4167	0.95	1	1	5.841239
Overweight Permit_str	BOBJ1	13.4167	After	Interior Girder 4	13.4167	0.95	1	1	5.665607
Overweight Permit_str	BOBJ1	13.4167	After	Interior Girder 5	13.4167	0.95	1	1	5.241391
Overweight Permit_str	BOBJ1	13.4167	After	Right Exterior Girder	13.4167	0.95	1	1	8.52339
Overweight Permit_str	BOBJ1	15.3333	Before	Left Exterior Girder	15.3333	0.95	1	1	8.45909
Overweight Permit_str	BOBJ1	15.3333	Before	Interior Girder 1	15.3333	0.95	1	1	5.143415
Overweight Permit_str	BOBJ1	15.3333	Before	Interior Girder 2	15.3333	0.95	1	1	5.618681
Overweight Permit_str	BOBJ1	15.3333	Before	Interior Girder 3	15.3333	0.95	1	1	5.776171
Overweight Permit_str	BOBJ1	15.3333	Before	Interior Girder 4	15.3333	0.95	1	1	5.6025
Overweight Permit_str	BOBJ1	15.3333	Before	Interior Girder 5	15.3333	0.95	1	1	5.183018
Overweight Permit_str	BOBJ1	15.3333	Before	Right Exterior Girder	15.3333	0.95	1	1	8.45909
Overweight Permit_str	BOBJ1	15.3333	After	Left Exterior Girder	15.3333	0.95	1	1	7.001758
Overweight Permit_str	BOBJ1	15.3333	After	Interior Girder 1	15.3333	0.95	1	1	4.362251
Overweight Permit_str	BOBJ1	15.3333	After	Interior Girder 2	15.3333	0.95	1	1	4.756931
Overweight Permit_str	BOBJ1	15.3333	After	Interior Girder 3	15.3333	0.95	1	1	4.865213
Overweight Permit_str	BOBJ1	15.3333	After	Interior Girder 4	15.3333	0.95	1	1	4.740613
Overweight Permit_str	BOBJ1	15.3333	After	Interior Girder 5	15.3333	0.95	1	1	4.392614
Overweight Permit_str	BOBJ1	15.3333	After	Right Exterior Girder	15.3333	0.95	1	1	7.001758
Overweight Permit_str	BOBJ1	17.25	Before	Left Exterior Girder	17.25	0.95	1	1	6.948394
Overweight Permit_str	BOBJ1	17.25	Before	Interior Girder 1	17.25	0.95	1	1	4.31291
Overweight Permit_str	BOBJ1	17.25	Before	Interior Girder 2	17.25	0.95	1	1	4.703113
Overweight Permit_str	BOBJ1	17.25	Before	Interior Girder 3	17.25	0.95	1	1	4.810164
Overweight Permit_str	BOBJ1	17.25	Before	Interior Girder 4	17.25	0.95	1	1	4.68698
Overweight Permit_str	BOBJ1	17.25	Before	Interior Girder 5	17.25	0.95	1	1	4.342929
Overweight Permit_str	BOBJ1	17.25	Before	Right Exterior Girder	17.25	0.95	1	1	6.948394
Overweight Permit_str	BOBJ1	17.25	After	Left Exterior Girder	17.25	0.95	1	1	5.92933
Overweight Permit_str	BOBJ1	17.25	After	Interior Girder 1	17.25	0.95	1	1	3.709153
Overweight Permit_str	BOBJ1	17.25	After	Interior Girder 2	17.25	0.95	1	1	4.043783
Overweight Permit_str	BOBJ1	17.25	After	Interior Girder 3	17.25	0.95	1	1	4.133671
Overweight Permit_str	BOBJ1	17.25	After	Interior Girder 4	17.25	0.95	1	1	4.028208
Overweight Permit_str	BOBJ1	17.25	After	Interior Girder 5	17.25	0.95	1	1	3.733869
Overweight Permit_str	BOBJ1	17.25	After	Right Exterior Girder	17.25	0.95	1	1	5.92933
Overweight Permit_str	BOBJ1	19.1667	Before	Left Exterior Girder	19.1667	0.95	1	1	5.883673
Overweight Permit_str	BOBJ1	19.1667	Before	Interior Girder 1	19.1667	0.95	1	1	3.666529
Overweight Permit_str	BOBJ1	19.1667	Before	Interior Girder 2	19.1667	0.95	1	1	3.997305
Overweight Permit_str	BOBJ1	19.1667	Before	Interior Girder 3	19.1667	0.95	1	1	4.08615
Overweight Permit_str	BOBJ1	19.1667	Before	Interior Girder 4	19.1667	0.95	1	1	3.98191
Overweight Permit_str	BOBJ1	19.1667	Before	Interior Girder 5	19.1667	0.95	1	1	3.690961
Overweight Permit_str	BOBJ1	19.1667	Before	Right Exterior Girder	19.1667	0.95	1	1	5.883673
Overweight Permit_str	BOBJ1	19.1667	After	Left Exterior Girder	19.1667	0.95	1	1	5.132801
Overweight Permit_str	BOBJ1	19.1667	After	Interior Girder 1	19.1667	0.95	1	1	3.1702
Overweight Permit_str	BOBJ1	19.1667	After	Interior Girder 2	19.1667	0.95	1	1	3.457312
Overweight Permit_str	BOBJ1	19.1667	After	Interior Girder 3	19.1667	0.95	1	1	3.545421
Overweight Permit_str	BOBJ1	19.1667	After	Interior Girder 4	19.1667	0.95	1	1	3.443159
Overweight Permit_str	BOBJ1	19.1667	After	Interior Girder 5	19.1667	0.95	1	1	3.191369
Overweight Permit_str	BOBJ1	19.1667	After	Right Exterior Girder	19.1667	0.95	1	1	5.132801
Overweight Permit_str	BOBJ1	21.0833	Before	Left Exterior Girder	21.0833	0.95	1	1	5.092865
Overweight Permit_str	BOBJ1	21.0833	Before	Interior Girder 1	21.0833	0.95	1	1	3.133178
Overweight Permit_str	BOBJ1	21.0833	Before	Interior Girder 2	21.0833	0.95	1	1	3.416933

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Main Span Stringers									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Overweight Permit_str	BOBJ1	21.0833	Before	Interior Girder 3	21.0833	0.95	1	1	3.503998
Overweight Permit_str	BOBJ1	21.0833	Before	Interior Girder 4	21.0833	0.95	1	1	3.402946
Overweight Permit_str	BOBJ1	21.0833	Before	Interior Girder 5	21.0833	0.95	1	1	3.1541
Overweight Permit_str	BOBJ1	21.0833	Before	Right Exterior Girder	21.0833	0.95	1	1	5.092865
Overweight Permit_str	BOBJ1	21.0833	After	Left Exterior Girder	21.0833	0.95	1	1	4.428989
Overweight Permit_str	BOBJ1	21.0833	After	Interior Girder 1	21.0833	0.95	1	1	2.649775
Overweight Permit_str	BOBJ1	21.0833	After	Interior Girder 2	21.0833	0.95	1	1	2.895514
Overweight Permit_str	BOBJ1	21.0833	After	Interior Girder 3	21.0833	0.95	1	1	2.975106
Overweight Permit_str	BOBJ1	21.0833	After	Interior Girder 4	21.0833	0.95	1	1	2.883185
Overweight Permit_str	BOBJ1	21.0833	After	Interior Girder 5	21.0833	0.95	1	1	2.668915
Overweight Permit_str	BOBJ1	21.0833	After	Right Exterior Girder	21.0833	0.95	1	1	4.428989
Overweight Permit_str	BOBJ1	23	Before	Left Exterior Girder	23	0.95	1	1	4.394181
Overweight Permit_str	BOBJ1	23	Before	Interior Girder 1	23	0.95	1	1	2.618298
Overweight Permit_str	BOBJ1	23	Before	Interior Girder 2	23	0.95	1	1	2.861147
Overweight Permit_str	BOBJ1	23	Before	Interior Girder 3	23	0.95	1	1	2.939774
Overweight Permit_str	BOBJ1	23	Before	Interior Girder 4	23	0.95	1	1	2.848965
Overweight Permit_str	BOBJ1	23	Before	Interior Girder 5	23	0.95	1	1	2.637212
Overweight Permit_str	BOBJ1	23	Before	Right Exterior Girder	23	0.95	1	1	4.394181

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelINonCompStrgth-Flx - Approach, Span 4-E									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
HL93_str_opr	BOBJ1	0	After	Left Exterior Girder	0	0.95	1	1	339.048966
HL93_str_opr	BOBJ1	0	After	Interior Girder 1	0	0.95	1	1	267.973706
HL93_str_opr	BOBJ1	0	After	Interior Girder 2	0	0.95	1	1	287.8523
HL93_str_opr	BOBJ1	0	After	Interior Girder 3	0	0.95	1	1	182.348021
HL93_str_opr	BOBJ1	0	After	Interior Girder 4	0	0.95	1	1	183.663158
HL93_str_opr	BOBJ1	0	After	Interior Girder 5	0	0.95	1	1	282.993533
HL93_str_opr	BOBJ1	0	After	Interior Girder 6	0	0.95	1	1	258.954004
HL93_str_opr	BOBJ1	0	After	Right Exterior Girder	0	0.95	1	1	340.227305
HL93_str_opr	BOBJ1	8	Before	Left Exterior Girder	8	0.95	1	1	4.748058
HL93_str_opr	BOBJ1	8	Before	Interior Girder 1	8	0.95	1	1	3.800562
HL93_str_opr	BOBJ1	8	Before	Interior Girder 2	8	0.95	1	1	3.650564
HL93_str_opr	BOBJ1	8	Before	Interior Girder 3	8	0.95	1	1	3.430787
HL93_str_opr	BOBJ1	8	Before	Interior Girder 4	8	0.95	1	1	3.446029
HL93_str_opr	BOBJ1	8	Before	Interior Girder 5	8	0.95	1	1	3.631887
HL93_str_opr	BOBJ1	8	Before	Interior Girder 6	8	0.95	1	1	3.81851
HL93_str_opr	BOBJ1	8	Before	Right Exterior Girder	8	0.95	1	1	4.756658
HL93_str_opr	BOBJ1	8	After	Left Exterior Girder	8	0.95	1	1	4.831344
HL93_str_opr	BOBJ1	8	After	Interior Girder 1	8	0.95	1	1	3.767851
HL93_str_opr	BOBJ1	8	After	Interior Girder 2	8	0.95	1	1	3.716341
HL93_str_opr	BOBJ1	8	After	Interior Girder 3	8	0.95	1	1	3.584091
HL93_str_opr	BOBJ1	8	After	Interior Girder 4	8	0.95	1	1	3.598979
HL93_str_opr	BOBJ1	8	After	Interior Girder 5	8	0.95	1	1	3.699003
HL93_str_opr	BOBJ1	8	After	Interior Girder 6	8	0.95	1	1	3.783848
HL93_str_opr	BOBJ1	8	After	Right Exterior Girder	8	0.95	1	1	4.838657
HL93_str_opr	BOBJ1	16	Before	Left Exterior Girder	16	0.95	1	1	2.192195
HL93_str_opr	BOBJ1	16	Before	Interior Girder 1	16	0.95	1	1	2.208215
HL93_str_opr	BOBJ1	16	Before	Interior Girder 2	16	0.95	1	1	2.147865
HL93_str_opr	BOBJ1	16	Before	Interior Girder 3	16	0.95	1	1	2.156686
HL93_str_opr	BOBJ1	16	Before	Interior Girder 4	16	0.95	1	1	2.154748
HL93_str_opr	BOBJ1	16	Before	Interior Girder 5	16	0.95	1	1	2.146517
HL93_str_opr	BOBJ1	16	Before	Interior Girder 6	16	0.95	1	1	2.208124
HL93_str_opr	BOBJ1	16	Before	Right Exterior Girder	16	0.95	1	1	2.196508
HL93_str_opr	BOBJ1	16	After	Left Exterior Girder	16	0.95	1	1	2.246937
HL93_str_opr	BOBJ1	16	After	Interior Girder 1	16	0.95	1	1	2.166291
HL93_str_opr	BOBJ1	16	After	Interior Girder 2	16	0.95	1	1	2.152734
HL93_str_opr	BOBJ1	16	After	Interior Girder 3	16	0.95	1	1	2.187126
HL93_str_opr	BOBJ1	16	After	Interior Girder 4	16	0.95	1	1	2.187092
HL93_str_opr	BOBJ1	16	After	Interior Girder 5	16	0.95	1	1	2.152803
HL93_str_opr	BOBJ1	16	After	Interior Girder 6	16	0.95	1	1	2.166255
HL93_str_opr	BOBJ1	16	After	Right Exterior Girder	16	0.95	1	1	2.251018
HL93_str_opr	BOBJ1	20.5	Before	Left Exterior Girder	20.5	0.95	1	1	1.824475
HL93_str_opr	BOBJ1	20.5	Before	Right Exterior Girder	20.5	0.95	1	1	1.827594
HL93_str_opr	BOBJ1	20.5	After	Left Exterior Girder	20.5	0.95	1	1	2.707898
HL93_str_opr	BOBJ1	20.5	After	Right Exterior Girder	20.5	0.95	1	1	2.712369
HL93_str_opr	BOBJ1	24	Before	Left Exterior Girder	24	0.95	1	1	2.398096
HL93_str_opr	BOBJ1	24	Before	Interior Girder 1	24	0.95	1	1	1.577424
HL93_str_opr	BOBJ1	24	Before	Interior Girder 2	24	0.95	1	1	1.587753
HL93_str_opr	BOBJ1	24	Before	Interior Girder 3	24	0.95	1	1	1.621948
HL93_str_opr	BOBJ1	24	Before	Interior Girder 4	24	0.95	1	1	1.623891
HL93_str_opr	BOBJ1	24	Before	Interior Girder 5	24	0.95	1	1	1.583674
HL93_str_opr	BOBJ1	24	Before	Interior Girder 6	24	0.95	1	1	1.58043
HL93_str_opr	BOBJ1	24	Before	Right Exterior Girder	24	0.95	1	1	2.401616
HL93_str_opr	BOBJ1	24	After	Left Exterior Girder	24	0.95	1	1	2.395307
HL93_str_opr	BOBJ1	24	After	Interior Girder 1	24	0.95	1	1	1.585097
HL93_str_opr	BOBJ1	24	After	Interior Girder 2	24	0.95	1	1	1.588897
HL93_str_opr	BOBJ1	24	After	Interior Girder 3	24	0.95	1	1	1.635779
HL93_str_opr	BOBJ1	24	After	Interior Girder 4	24	0.95	1	1	1.639012
HL93_str_opr	BOBJ1	24	After	Interior Girder 5	24	0.95	1	1	1.584742
HL93_str_opr	BOBJ1	24	After	Interior Girder 6	24	0.95	1	1	1.587629
HL93_str_opr	BOBJ1	24	After	Right Exterior Girder	24	0.95	1	1	2.398587
HL93_str_opr	BOBJ1	32	Before	Left Exterior Girder	32	0.95	1	1	2.032508
HL93_str_opr	BOBJ1	32	Before	Interior Girder 1	32	0.95	1	1	1.464036
HL93_str_opr	BOBJ1	32	Before	Interior Girder 2	32	0.95	1	1	1.480209
HL93_str_opr	BOBJ1	32	Before	Interior Girder 3	32	0.95	1	1	1.504606
HL93_str_opr	BOBJ1	32	Before	Interior Girder 4	32	0.95	1	1	1.504675

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelINonCompStrgth-Flx - Approach, Span 4-E									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
HL93_str_opr	BOBJ1	32	Before	Interior Girder 5	32	0.95	1	1	1.479802
HL93_str_opr	BOBJ1	32	Before	Interior Girder 6	32	0.95	1	1	1.463613
HL93_str_opr	BOBJ1	32	Before	Right Exterior Girder	32	0.95	1	1	2.035956
HL93_str_opr	BOBJ1	32	After	Left Exterior Girder	32	0.95	1	1	2.04023
HL93_str_opr	BOBJ1	32	After	Interior Girder 1	32	0.95	1	1	1.464366
HL93_str_opr	BOBJ1	32	After	Interior Girder 2	32	0.95	1	1	1.477831
HL93_str_opr	BOBJ1	32	After	Interior Girder 3	32	0.95	1	1	1.504812
HL93_str_opr	BOBJ1	32	After	Interior Girder 4	32	0.95	1	1	1.505191
HL93_str_opr	BOBJ1	32	After	Interior Girder 5	32	0.95	1	1	1.477644
HL93_str_opr	BOBJ1	32	After	Interior Girder 6	32	0.95	1	1	1.463998
HL93_str_opr	BOBJ1	32	After	Right Exterior Girder	32	0.95	1	1	2.043596
HL93_str_opr	BOBJ1	40	Before	Left Exterior Girder	40	0.95	1	1	2.190723
HL93_str_opr	BOBJ1	40	Before	Interior Girder 1	40	0.95	1	1	1.487982
HL93_str_opr	BOBJ1	40	Before	Interior Girder 2	40	0.95	1	1	1.509781
HL93_str_opr	BOBJ1	40	Before	Interior Girder 3	40	0.95	1	1	1.545746
HL93_str_opr	BOBJ1	40	Before	Interior Girder 4	40	0.95	1	1	1.549203
HL93_str_opr	BOBJ1	40	Before	Interior Girder 5	40	0.95	1	1	1.506834
HL93_str_opr	BOBJ1	40	Before	Interior Girder 6	40	0.95	1	1	1.489952
HL93_str_opr	BOBJ1	40	Before	Right Exterior Girder	40	0.95	1	1	2.19381
HL93_str_opr	BOBJ1	40	After	Left Exterior Girder	40	0.95	1	1	2.18734
HL93_str_opr	BOBJ1	40	After	Interior Girder 1	40	0.95	1	1	1.490849
HL93_str_opr	BOBJ1	40	After	Interior Girder 2	40	0.95	1	1	1.502952
HL93_str_opr	BOBJ1	40	After	Interior Girder 3	40	0.95	1	1	1.53893
HL93_str_opr	BOBJ1	40	After	Interior Girder 4	40	0.95	1	1	1.540933
HL93_str_opr	BOBJ1	40	After	Interior Girder 5	40	0.95	1	1	1.499645
HL93_str_opr	BOBJ1	40	After	Interior Girder 6	40	0.95	1	1	1.492908
HL93_str_opr	BOBJ1	40	After	Right Exterior Girder	40	0.95	1	1	2.190508
HL93_str_opr	BOBJ1	46.5	Before	Left Exterior Girder	46.5	0.95	1	1	2.495815
HL93_str_opr	BOBJ1	46.5	Before	Right Exterior Girder	46.5	0.95	1	1	2.499667
HL93_str_opr	BOBJ1	46.5	After	Left Exterior Girder	46.5	0.95	1	1	1.718085
HL93_str_opr	BOBJ1	46.5	After	Right Exterior Girder	46.5	0.95	1	1	1.720817
HL93_str_opr	BOBJ1	48	Before	Left Exterior Girder	48	0.95	1	1	1.817426
HL93_str_opr	BOBJ1	48	Before	Interior Girder 1	48	0.95	1	1	1.825995
HL93_str_opr	BOBJ1	48	Before	Interior Girder 2	48	0.95	1	1	1.867344
HL93_str_opr	BOBJ1	48	Before	Interior Girder 3	48	0.95	1	1	1.887414
HL93_str_opr	BOBJ1	48	Before	Interior Girder 4	48	0.95	1	1	1.88864
HL93_str_opr	BOBJ1	48	Before	Interior Girder 5	48	0.95	1	1	1.868327
HL93_str_opr	BOBJ1	48	Before	Interior Girder 6	48	0.95	1	1	1.825464
HL93_str_opr	BOBJ1	48	Before	Right Exterior Girder	48	0.95	1	1	1.820375
HL93_str_opr	BOBJ1	48	After	Left Exterior Girder	48	0.95	1	1	1.786805
HL93_str_opr	BOBJ1	48	After	Interior Girder 1	48	0.95	1	1	1.849364
HL93_str_opr	BOBJ1	48	After	Interior Girder 2	48	0.95	1	1	1.868966
HL93_str_opr	BOBJ1	48	After	Interior Girder 3	48	0.95	1	1	1.883261
HL93_str_opr	BOBJ1	48	After	Interior Girder 4	48	0.95	1	1	1.884023
HL93_str_opr	BOBJ1	48	After	Interior Girder 5	48	0.95	1	1	1.868566
HL93_str_opr	BOBJ1	48	After	Interior Girder 6	48	0.95	1	1	1.848776
HL93_str_opr	BOBJ1	48	After	Right Exterior Girder	48	0.95	1	1	1.790004
HL93_str_opr	BOBJ1	56	Before	Left Exterior Girder	56	0.95	1	1	2.830796
HL93_str_opr	BOBJ1	56	Before	Interior Girder 1	56	0.95	1	1	2.589993
HL93_str_opr	BOBJ1	56	Before	Interior Girder 2	56	0.95	1	1	2.549025
HL93_str_opr	BOBJ1	56	Before	Interior Girder 3	56	0.95	1	1	2.622808
HL93_str_opr	BOBJ1	56	Before	Interior Girder 4	56	0.95	1	1	2.635687
HL93_str_opr	BOBJ1	56	Before	Interior Girder 5	56	0.95	1	1	2.543816
HL93_str_opr	BOBJ1	56	Before	Interior Girder 6	56	0.95	1	1	2.595549
HL93_str_opr	BOBJ1	56	Before	Right Exterior Girder	56	0.95	1	1	2.834359
HL93_str_opr	BOBJ1	56	After	Left Exterior Girder	56	0.95	1	1	2.77446
HL93_str_opr	BOBJ1	56	After	Interior Girder 1	56	0.95	1	1	2.627292
HL93_str_opr	BOBJ1	56	After	Interior Girder 2	56	0.95	1	1	2.540106
HL93_str_opr	BOBJ1	56	After	Interior Girder 3	56	0.95	1	1	2.585877
HL93_str_opr	BOBJ1	56	After	Interior Girder 4	56	0.95	1	1	2.591631
HL93_str_opr	BOBJ1	56	After	Interior Girder 5	56	0.95	1	1	2.532762
HL93_str_opr	BOBJ1	56	After	Interior Girder 6	56	0.95	1	1	2.633164
HL93_str_opr	BOBJ1	56	After	Right Exterior Girder	56	0.95	1	1	2.778378
HL93_str_opr	BOBJ1	59	Before	Interior Girder 1	59	0.95	1	1	3.209624
HL93_str_opr	BOBJ1	59	Before	Interior Girder 2	59	0.95	1	1	3.057984

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelINonCompStrgth-Flx - Approach, Span 4-6									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
HL93_str_opr	BOBJ1	59	Before	Interior Girder 3	59	0.95	1	1	3.122427
HL93_str_opr	BOBJ1	59	Before	Interior Girder 4	59	0.95	1	1	3.135427
HL93_str_opr	BOBJ1	59	Before	Interior Girder 5	59	0.95	1	1	3.050267
HL93_str_opr	BOBJ1	59	Before	Interior Girder 6	59	0.95	1	1	3.216887
HL93_str_opr	BOBJ1	59	After	Interior Girder 1	59	0.95	1	1	1.636297
HL93_str_opr	BOBJ1	59	After	Interior Girder 2	59	0.95	1	1	1.575245
HL93_str_opr	BOBJ1	59	After	Interior Girder 3	59	0.95	1	1	1.56111
HL93_str_opr	BOBJ1	59	After	Interior Girder 4	59	0.95	1	1	1.566831
HL93_str_opr	BOBJ1	59	After	Interior Girder 5	59	0.95	1	1	1.571318
HL93_str_opr	BOBJ1	59	After	Interior Girder 6	59	0.95	1	1	1.639962
HL93_str_opr	BOBJ1	64	Before	Left Exterior Girder	64	0.95	1	1	4.914904
HL93_str_opr	BOBJ1	64	Before	Interior Girder 1	64	0.95	1	1	2.690893
HL93_str_opr	BOBJ1	64	Before	Interior Girder 2	64	0.95	1	1	2.625568
HL93_str_opr	BOBJ1	64	Before	Interior Girder 3	64	0.95	1	1	2.680672
HL93_str_opr	BOBJ1	64	Before	Interior Girder 4	64	0.95	1	1	2.686011
HL93_str_opr	BOBJ1	64	Before	Interior Girder 5	64	0.95	1	1	2.628707
HL93_str_opr	BOBJ1	64	Before	Interior Girder 6	64	0.95	1	1	2.691668
HL93_str_opr	BOBJ1	64	Before	Right Exterior Girder	64	0.95	1	1	4.922457
HL93_str_opr	BOBJ1	64	After	Left Exterior Girder	64	0.95	1	1	4.725618
HL93_str_opr	BOBJ1	64	After	Interior Girder 1	64	0.95	1	1	2.661075
HL93_str_opr	BOBJ1	64	After	Interior Girder 2	64	0.95	1	1	2.647089
HL93_str_opr	BOBJ1	64	After	Interior Girder 3	64	0.95	1	1	2.643819
HL93_str_opr	BOBJ1	64	After	Interior Girder 4	64	0.95	1	1	2.651506
HL93_str_opr	BOBJ1	64	After	Interior Girder 5	64	0.95	1	1	2.650367
HL93_str_opr	BOBJ1	64	After	Interior Girder 6	64	0.95	1	1	2.661718
HL93_str_opr	BOBJ1	64	After	Right Exterior Girder	64	0.95	1	1	4.733155
HL93_str_opr	BOBJ1	69	Before	Interior Girder 1	69	0.95	1	1	1.863965
HL93_str_opr	BOBJ1	69	Before	Interior Girder 2	69	0.95	1	1	1.894091
HL93_str_opr	BOBJ1	69	Before	Interior Girder 3	69	0.95	1	1	1.864064
HL93_str_opr	BOBJ1	69	Before	Interior Girder 4	69	0.95	1	1	1.862659
HL93_str_opr	BOBJ1	69	Before	Interior Girder 5	69	0.95	1	1	1.890998
HL93_str_opr	BOBJ1	69	Before	Interior Girder 6	69	0.95	1	1	1.86543
HL93_str_opr	BOBJ1	69	After	Interior Girder 1	69	0.95	1	1	4.081117
HL93_str_opr	BOBJ1	69	After	Interior Girder 2	69	0.95	1	1	4.067634
HL93_str_opr	BOBJ1	69	After	Interior Girder 3	69	0.95	1	1	4.055361
HL93_str_opr	BOBJ1	69	After	Interior Girder 4	69	0.95	1	1	4.052629
HL93_str_opr	BOBJ1	69	After	Interior Girder 5	69	0.95	1	1	4.06229
HL93_str_opr	BOBJ1	69	After	Interior Girder 6	69	0.95	1	1	4.083958
HL93_str_opr	BOBJ1	72	Before	Left Exterior Girder	72	0.95	1	1	3.096955
HL93_str_opr	BOBJ1	72	Before	Interior Girder 1	72	0.95	1	1	3.43059
HL93_str_opr	BOBJ1	72	Before	Interior Girder 2	72	0.95	1	1	3.408865
HL93_str_opr	BOBJ1	72	Before	Interior Girder 3	72	0.95	1	1	3.2831
HL93_str_opr	BOBJ1	72	Before	Interior Girder 4	72	0.95	1	1	3.280571
HL93_str_opr	BOBJ1	72	Before	Interior Girder 5	72	0.95	1	1	3.402828
HL93_str_opr	BOBJ1	72	Before	Interior Girder 6	72	0.95	1	1	3.433916
HL93_str_opr	BOBJ1	72	Before	Right Exterior Girder	72	0.95	1	1	3.104281
HL93_str_opr	BOBJ1	72	After	Left Exterior Girder	72	0.95	1	1	3.140104
HL93_str_opr	BOBJ1	72	After	Interior Girder 1	72	0.95	1	1	3.370638
HL93_str_opr	BOBJ1	72	After	Interior Girder 2	72	0.95	1	1	3.373818
HL93_str_opr	BOBJ1	72	After	Interior Girder 3	72	0.95	1	1	3.273377
HL93_str_opr	BOBJ1	72	After	Interior Girder 4	72	0.95	1	1	3.271224
HL93_str_opr	BOBJ1	72	After	Interior Girder 5	72	0.95	1	1	3.367176
HL93_str_opr	BOBJ1	72	After	Interior Girder 6	72	0.95	1	1	3.37413
HL93_str_opr	BOBJ1	72	After	Right Exterior Girder	72	0.95	1	1	3.147374
HL93_str_opr	BOBJ1	72.5	Before	Left Exterior Girder	72.5	0.95	1	1	2.991045
HL93_str_opr	BOBJ1	72.5	Before	Right Exterior Girder	72.5	0.95	1	1	2.997839
HL93_str_opr	BOBJ1	72.5	After	Left Exterior Girder	72.5	0.95	1	1	4.572893
HL93_str_opr	BOBJ1	72.5	After	Right Exterior Girder	72.5	0.95	1	1	4.583249
HL93_str_opr	BOBJ1	80	Before	Left Exterior Girder	80	0.95	1	1	2.717043
HL93_str_opr	BOBJ1	80	Before	Interior Girder 1	80	0.95	1	1	1.847837
HL93_str_opr	BOBJ1	80	Before	Interior Girder 2	80	0.95	1	1	1.823933
HL93_str_opr	BOBJ1	80	Before	Interior Girder 3	80	0.95	1	1	1.515283
HL93_str_opr	BOBJ1	80	Before	Interior Girder 4	80	0.95	1	1	1.515652
HL93_str_opr	BOBJ1	80	Before	Interior Girder 5	80	0.95	1	1	1.817371
HL93_str_opr	BOBJ1	80	Before	Interior Girder 6	80	0.95	1	1	1.853046

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelINonCompStrgth-Flx - Approach, Span 4-6									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
HL93_str_opr	BOBJ1	80	Before	Right Exterior Girder	80	0.95	1	1	2.724077
HL93_str_opr	BOBJ1	80	After	Left Exterior Girder	0	0.95	1	1	2.655135
HL93_str_opr	BOBJ1	80	After	Interior Girder 1	0	0.95	1	1	1.816321
HL93_str_opr	BOBJ1	80	After	Interior Girder 2	0	0.95	1	1	1.812375
HL93_str_opr	BOBJ1	80	After	Interior Girder 3	0	0.95	1	1	1.502047
HL93_str_opr	BOBJ1	80	After	Interior Girder 4	0	0.95	1	1	1.502798
HL93_str_opr	BOBJ1	80	After	Interior Girder 5	0	0.95	1	1	1.804662
HL93_str_opr	BOBJ1	80	After	Interior Girder 6	0	0.95	1	1	1.822069
HL93_str_opr	BOBJ1	80	After	Right Exterior Girder	0	0.95	1	1	2.662154
HL93_str_opr	BOBJ1	87.5	Before	Left Exterior Girder	7.5	0.95	1	1	4.621829
HL93_str_opr	BOBJ1	87.5	Before	Right Exterior Girder	7.5	0.95	1	1	4.631919
HL93_str_opr	BOBJ1	87.5	After	Left Exterior Girder	7.5	0.95	1	1	2.962951
HL93_str_opr	BOBJ1	87.5	After	Right Exterior Girder	7.5	0.95	1	1	2.969467
HL93_str_opr	BOBJ1	88	Before	Left Exterior Girder	8	0.95	1	1	3.091626
HL93_str_opr	BOBJ1	88	Before	Interior Girder 1	8	0.95	1	1	3.195767
HL93_str_opr	BOBJ1	88	Before	Interior Girder 2	8	0.95	1	1	3.180758
HL93_str_opr	BOBJ1	88	Before	Interior Girder 3	8	0.95	1	1	3.061213
HL93_str_opr	BOBJ1	88	Before	Interior Girder 4	8	0.95	1	1	3.059385
HL93_str_opr	BOBJ1	88	Before	Interior Girder 5	8	0.95	1	1	3.175924
HL93_str_opr	BOBJ1	88	Before	Interior Girder 6	8	0.95	1	1	3.200345
HL93_str_opr	BOBJ1	88	Before	Right Exterior Girder	8	0.95	1	1	3.098481
HL93_str_opr	BOBJ1	88	After	Left Exterior Girder	8	0.95	1	1	3.083911
HL93_str_opr	BOBJ1	88	After	Interior Girder 1	8	0.95	1	1	3.221198
HL93_str_opr	BOBJ1	88	After	Interior Girder 2	8	0.95	1	1	3.21171
HL93_str_opr	BOBJ1	88	After	Interior Girder 3	8	0.95	1	1	3.067581
HL93_str_opr	BOBJ1	88	After	Interior Girder 4	8	0.95	1	1	3.06536
HL93_str_opr	BOBJ1	88	After	Interior Girder 5	8	0.95	1	1	3.206462
HL93_str_opr	BOBJ1	88	After	Interior Girder 6	8	0.95	1	1	3.225179
HL93_str_opr	BOBJ1	88	After	Right Exterior Girder	8	0.95	1	1	3.090946
HL93_str_opr	BOBJ1	91	Before	Interior Girder 1	11	0.95	1	1	3.763332
HL93_str_opr	BOBJ1	91	Before	Interior Girder 2	11	0.95	1	1	3.788711
HL93_str_opr	BOBJ1	91	Before	Interior Girder 3	11	0.95	1	1	3.754488
HL93_str_opr	BOBJ1	91	Before	Interior Girder 4	11	0.95	1	1	3.751879
HL93_str_opr	BOBJ1	91	Before	Interior Girder 5	11	0.95	1	1	3.781773
HL93_str_opr	BOBJ1	91	Before	Interior Girder 6	11	0.95	1	1	3.766735
HL93_str_opr	BOBJ1	91	After	Interior Girder 1	11	0.95	1	1	1.536147
HL93_str_opr	BOBJ1	91	After	Interior Girder 2	11	0.95	1	1	1.585522
HL93_str_opr	BOBJ1	91	After	Interior Girder 3	11	0.95	1	1	1.549392
HL93_str_opr	BOBJ1	91	After	Interior Girder 4	11	0.95	1	1	1.548399
HL93_str_opr	BOBJ1	91	After	Interior Girder 5	11	0.95	1	1	1.582651
HL93_str_opr	BOBJ1	91	After	Interior Girder 6	11	0.95	1	1	1.537618
HL93_str_opr	BOBJ1	96	Before	Left Exterior Girder	16	0.95	1	1	4.931752
HL93_str_opr	BOBJ1	96	Before	Interior Girder 1	16	0.95	1	1	2.171952
HL93_str_opr	BOBJ1	96	Before	Interior Girder 2	16	0.95	1	1	2.248291
HL93_str_opr	BOBJ1	96	Before	Interior Girder 3	16	0.95	1	1	2.38597
HL93_str_opr	BOBJ1	96	Before	Interior Girder 4	16	0.95	1	1	2.384598
HL93_str_opr	BOBJ1	96	Before	Interior Girder 5	16	0.95	1	1	2.245563
HL93_str_opr	BOBJ1	96	Before	Interior Girder 6	16	0.95	1	1	2.172649
HL93_str_opr	BOBJ1	96	Before	Right Exterior Girder	16	0.95	1	1	4.938632
HL93_str_opr	BOBJ1	96	After	Left Exterior Girder	16	0.95	1	1	2.395656
HL93_str_opr	BOBJ1	96	After	Interior Girder 1	16	0.95	1	1	2.573203
HL93_str_opr	BOBJ1	96	After	Interior Girder 2	16	0.95	1	1	2.63061
HL93_str_opr	BOBJ1	96	After	Interior Girder 3	16	0.95	1	1	2.747827
HL93_str_opr	BOBJ1	96	After	Interior Girder 4	16	0.95	1	1	2.746188
HL93_str_opr	BOBJ1	96	After	Interior Girder 5	16	0.95	1	1	2.626881
HL93_str_opr	BOBJ1	96	After	Interior Girder 6	16	0.95	1	1	2.574064
HL93_str_opr	BOBJ1	96	After	Right Exterior Girder	16	0.95	1	1	2.399052
HL93_str_opr	BOBJ1	104	Before	Left Exterior Girder	24	0.95	1	1	2.541355
HL93_str_opr	BOBJ1	104	Before	Interior Girder 1	24	0.95	1	1	2.147658
HL93_str_opr	BOBJ1	104	Before	Interior Girder 2	24	0.95	1	1	2.062592
HL93_str_opr	BOBJ1	104	Before	Interior Girder 3	24	0.95	1	1	2.044616
HL93_str_opr	BOBJ1	104	Before	Interior Girder 4	24	0.95	1	1	2.054656
HL93_str_opr	BOBJ1	104	Before	Interior Girder 5	24	0.95	1	1	2.057346
HL93_str_opr	BOBJ1	104	Before	Interior Girder 6	24	0.95	1	1	2.15357
HL93_str_opr	BOBJ1	104	Before	Right Exterior Girder	24	0.95	1	1	2.54541

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelINonCompStrgth-Flx - Approach, Span 4-E									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
HL93_str_opr	BOBJ1	104	After	Left Exterior Girder	24	0.95	1	1	2.614872
HL93_str_opr	BOBJ1	104	After	Interior Girder 1	24	0.95	1	1	2.108471
HL93_str_opr	BOBJ1	104	After	Interior Girder 2	24	0.95	1	1	2.05948
HL93_str_opr	BOBJ1	104	After	Interior Girder 3	24	0.95	1	1	2.077968
HL93_str_opr	BOBJ1	104	After	Interior Girder 4	24	0.95	1	1	2.090952
HL93_str_opr	BOBJ1	104	After	Interior Girder 5	24	0.95	1	1	2.056576
HL93_str_opr	BOBJ1	104	After	Interior Girder 6	24	0.95	1	1	2.114041
HL93_str_opr	BOBJ1	104	After	Right Exterior Girder	24	0.95	1	1	2.618098
HL93_str_opr	BOBJ1	112	Before	Left Exterior Girder	32	0.95	1	1	1.629054
HL93_str_opr	BOBJ1	112	Before	Interior Girder 1	32	0.95	1	1	1.598033
HL93_str_opr	BOBJ1	112	Before	Interior Girder 2	32	0.95	1	1	1.601541
HL93_str_opr	BOBJ1	112	Before	Interior Girder 3	32	0.95	1	1	1.608307
HL93_str_opr	BOBJ1	112	Before	Interior Girder 4	32	0.95	1	1	1.609209
HL93_str_opr	BOBJ1	112	Before	Interior Girder 5	32	0.95	1	1	1.603003
HL93_str_opr	BOBJ1	112	Before	Interior Girder 6	32	0.95	1	1	1.597246
HL93_str_opr	BOBJ1	112	Before	Right Exterior Girder	32	0.95	1	1	1.632179
HL93_str_opr	BOBJ1	112	After	Left Exterior Girder	32	0.95	1	1	1.656212
HL93_str_opr	BOBJ1	112	After	Interior Girder 1	32	0.95	1	1	1.580489
HL93_str_opr	BOBJ1	112	After	Interior Girder 2	32	0.95	1	1	1.596331
HL93_str_opr	BOBJ1	112	After	Interior Girder 3	32	0.95	1	1	1.611629
HL93_str_opr	BOBJ1	112	After	Interior Girder 4	32	0.95	1	1	1.612246
HL93_str_opr	BOBJ1	112	After	Interior Girder 5	32	0.95	1	1	1.598423
HL93_str_opr	BOBJ1	112	After	Interior Girder 6	32	0.95	1	1	1.57977
HL93_str_opr	BOBJ1	112	After	Right Exterior Girder	32	0.95	1	1	1.659231
HL93_str_opr	BOBJ1	120	Before	Left Exterior Girder	40	0.95	1	1	1.519722
HL93_str_opr	BOBJ1	120	Before	Interior Girder 1	40	0.95	1	1	1.397852
HL93_str_opr	BOBJ1	120	Before	Interior Girder 2	40	0.95	1	1	1.402606
HL93_str_opr	BOBJ1	120	Before	Interior Girder 3	40	0.95	1	1	1.430929
HL93_str_opr	BOBJ1	120	Before	Interior Girder 4	40	0.95	1	1	1.434679
HL93_str_opr	BOBJ1	120	Before	Interior Girder 5	40	0.95	1	1	1.399245
HL93_str_opr	BOBJ1	120	Before	Interior Girder 6	40	0.95	1	1	1.400214
HL93_str_opr	BOBJ1	120	Before	Right Exterior Girder	40	0.95	1	1	1.522012
HL93_str_opr	BOBJ1	120	After	Left Exterior Girder	40	0.95	1	1	1.52201
HL93_str_opr	BOBJ1	120	After	Interior Girder 1	40	0.95	1	1	1.396503
HL93_str_opr	BOBJ1	120	After	Interior Girder 2	40	0.95	1	1	1.402327
HL93_str_opr	BOBJ1	120	After	Interior Girder 3	40	0.95	1	1	1.431142
HL93_str_opr	BOBJ1	120	After	Interior Girder 4	40	0.95	1	1	1.434738
HL93_str_opr	BOBJ1	120	After	Interior Girder 5	40	0.95	1	1	1.39893
HL93_str_opr	BOBJ1	120	After	Interior Girder 6	40	0.95	1	1	1.398868
HL93_str_opr	BOBJ1	120	After	Right Exterior Girder	40	0.95	1	1	1.524305
HL93_str_opr	BOBJ1	128	Before	Left Exterior Girder	48	0.95	1	1	1.62758
HL93_str_opr	BOBJ1	128	Before	Interior Girder 1	48	0.95	1	1	1.567041
HL93_str_opr	BOBJ1	128	Before	Interior Girder 2	48	0.95	1	1	1.584476
HL93_str_opr	BOBJ1	128	Before	Interior Girder 3	48	0.95	1	1	1.601026
HL93_str_opr	BOBJ1	128	Before	Interior Girder 4	48	0.95	1	1	1.601641
HL93_str_opr	BOBJ1	128	Before	Interior Girder 5	48	0.95	1	1	1.586495
HL93_str_opr	BOBJ1	128	Before	Interior Girder 6	48	0.95	1	1	1.566335
HL93_str_opr	BOBJ1	128	Before	Right Exterior Girder	48	0.95	1	1	1.630542
HL93_str_opr	BOBJ1	128	After	Left Exterior Girder	48	0.95	1	1	1.604734
HL93_str_opr	BOBJ1	128	After	Interior Girder 1	48	0.95	1	1	1.580662
HL93_str_opr	BOBJ1	128	After	Interior Girder 2	48	0.95	1	1	1.589393
HL93_str_opr	BOBJ1	128	After	Interior Girder 3	48	0.95	1	1	1.598437
HL93_str_opr	BOBJ1	128	After	Interior Girder 4	48	0.95	1	1	1.599278
HL93_str_opr	BOBJ1	128	After	Interior Girder 5	48	0.95	1	1	1.590764
HL93_str_opr	BOBJ1	128	After	Interior Girder 6	48	0.95	1	1	1.579896
HL93_str_opr	BOBJ1	128	After	Right Exterior Girder	48	0.95	1	1	1.607799
HL93_str_opr	BOBJ1	136	Before	Left Exterior Girder	56	0.95	1	1	2.512942
HL93_str_opr	BOBJ1	136	Before	Interior Girder 1	56	0.95	1	1	2.069787
HL93_str_opr	BOBJ1	136	Before	Interior Girder 2	56	0.95	1	1	2.029648
HL93_str_opr	BOBJ1	136	Before	Interior Girder 3	56	0.95	1	1	2.050765
HL93_str_opr	BOBJ1	136	Before	Interior Girder 4	56	0.95	1	1	2.063411
HL93_str_opr	BOBJ1	136	Before	Interior Girder 5	56	0.95	1	1	2.026692
HL93_str_opr	BOBJ1	136	Before	Interior Girder 6	56	0.95	1	1	2.07515
HL93_str_opr	BOBJ1	136	Before	Right Exterior Girder	56	0.95	1	1	2.516092
HL93_str_opr	BOBJ1	136	After	Left Exterior Girder	56	0.95	1	1	2.447361

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelINonCompStrgth-Flx - Approach, Span 4-6									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
HL93_str_opr	BOBJ1	136	After	Interior Girder 1	56	0.95	1	1	2.104437
HL93_str_opr	BOBJ1	136	After	Interior Girder 2	56	0.95	1	1	2.032894
HL93_str_opr	BOBJ1	136	After	Interior Girder 3	56	0.95	1	1	2.019869
HL93_str_opr	BOBJ1	136	After	Interior Girder 4	56	0.95	1	1	2.029298
HL93_str_opr	BOBJ1	136	After	Interior Girder 5	56	0.95	1	1	2.027553
HL93_str_opr	BOBJ1	136	After	Interior Girder 6	56	0.95	1	1	2.110123
HL93_str_opr	BOBJ1	136	After	Right Exterior Girder	56	0.95	1	1	2.451269
HL93_str_opr	BOBJ1	144	Before	Left Exterior Girder	64	0.95	1	1	2.380483
HL93_str_opr	BOBJ1	144	Before	Interior Girder 1	64	0.95	1	1	2.5373
HL93_str_opr	BOBJ1	144	Before	Interior Girder 2	64	0.95	1	1	2.613277
HL93_str_opr	BOBJ1	144	Before	Interior Girder 3	64	0.95	1	1	2.752481
HL93_str_opr	BOBJ1	144	Before	Interior Girder 4	64	0.95	1	1	2.750935
HL93_str_opr	BOBJ1	144	Before	Interior Girder 5	64	0.95	1	1	2.609853
HL93_str_opr	BOBJ1	144	Before	Interior Girder 6	64	0.95	1	1	2.538037
HL93_str_opr	BOBJ1	144	Before	Right Exterior Girder	64	0.95	1	1	2.383623
HL93_str_opr	BOBJ1	144	After	Left Exterior Girder	64	0.95	1	1	4.508415
HL93_str_opr	BOBJ1	144	After	Interior Girder 1	64	0.95	1	1	2.138847
HL93_str_opr	BOBJ1	144	After	Interior Girder 2	64	0.95	1	1	2.233667
HL93_str_opr	BOBJ1	144	After	Interior Girder 3	64	0.95	1	1	2.390174
HL93_str_opr	BOBJ1	144	After	Interior Girder 4	64	0.95	1	1	2.388842
HL93_str_opr	BOBJ1	144	After	Interior Girder 5	64	0.95	1	1	2.231107
HL93_str_opr	BOBJ1	144	After	Interior Girder 6	64	0.95	1	1	2.139458
HL93_str_opr	BOBJ1	144	After	Right Exterior Girder	64	0.95	1	1	4.514304
HL93_str_opr	BOBJ1	150	Before	Interior Girder 1	70	0.95	1	1	1.398903
HL93_str_opr	BOBJ1	150	Before	Interior Girder 2	70	0.95	1	1	1.456262
HL93_str_opr	BOBJ1	150	Before	Interior Girder 3	70	0.95	1	1	1.423531
HL93_str_opr	BOBJ1	150	Before	Interior Girder 4	70	0.95	1	1	1.422665
HL93_str_opr	BOBJ1	150	Before	Interior Girder 5	70	0.95	1	1	1.454257
HL93_str_opr	BOBJ1	150	Before	Interior Girder 6	70	0.95	1	1	1.400253
HL93_str_opr	BOBJ1	150	After	Interior Girder 1	70	0.95	1	1	3.309711
HL93_str_opr	BOBJ1	150	After	Interior Girder 2	70	0.95	1	1	3.338003
HL93_str_opr	BOBJ1	150	After	Interior Girder 3	70	0.95	1	1	3.311531
HL93_str_opr	BOBJ1	150	After	Interior Girder 4	70	0.95	1	1	3.309222
HL93_str_opr	BOBJ1	150	After	Interior Girder 5	70	0.95	1	1	3.333094
HL93_str_opr	BOBJ1	150	After	Interior Girder 6	70	0.95	1	1	3.312722
HL93_str_opr	BOBJ1	152	Before	Left Exterior Girder	72	0.95	1	1	2.790833
HL93_str_opr	BOBJ1	152	Before	Interior Girder 1	72	0.95	1	1	2.954982
HL93_str_opr	BOBJ1	152	Before	Interior Girder 2	72	0.95	1	1	2.979268
HL93_str_opr	BOBJ1	152	Before	Interior Girder 3	72	0.95	1	1	2.883623
HL93_str_opr	BOBJ1	152	Before	Interior Girder 4	72	0.95	1	1	2.881721
HL93_str_opr	BOBJ1	152	Before	Interior Girder 5	72	0.95	1	1	2.975147
HL93_str_opr	BOBJ1	152	Before	Interior Girder 6	72	0.95	1	1	2.958296
HL93_str_opr	BOBJ1	152	Before	Right Exterior Girder	72	0.95	1	1	2.797002
HL93_str_opr	BOBJ1	152	After	Left Exterior Girder	72	0.95	1	1	2.820241
HL93_str_opr	BOBJ1	152	After	Interior Girder 1	72	0.95	1	1	2.925243
HL93_str_opr	BOBJ1	152	After	Interior Girder 2	72	0.95	1	1	2.953488
HL93_str_opr	BOBJ1	152	After	Interior Girder 3	72	0.95	1	1	2.878181
HL93_str_opr	BOBJ1	152	After	Interior Girder 4	72	0.95	1	1	2.876548
HL93_str_opr	BOBJ1	152	After	Interior Girder 5	72	0.95	1	1	2.949432
HL93_str_opr	BOBJ1	152	After	Interior Girder 6	72	0.95	1	1	2.928975
HL93_str_opr	BOBJ1	152	After	Right Exterior Girder	72	0.95	1	1	2.826332
HL93_str_opr	BOBJ1	154	Before	Left Exterior Girder	74	0.95	1	1	2.384761
HL93_str_opr	BOBJ1	154	Before	Right Exterior Girder	74	0.95	1	1	2.390018
HL93_str_opr	BOBJ1	154	After	Left Exterior Girder	74	0.95	1	1	3.766556
HL93_str_opr	BOBJ1	154	After	Right Exterior Girder	74	0.95	1	1	3.774802
HL93_str_opr	BOBJ1	160	Before	Left Exterior Girder	80	0.95	1	1	2.422759
HL93_str_opr	BOBJ1	160	Before	Interior Girder 1	80	0.95	1	1	1.683541
HL93_str_opr	BOBJ1	160	Before	Interior Girder 2	80	0.95	1	1	1.688616
HL93_str_opr	BOBJ1	160	Before	Interior Girder 3	80	0.95	1	1	1.41189
HL93_str_opr	BOBJ1	160	Before	Interior Girder 4	80	0.95	1	1	1.412571
HL93_str_opr	BOBJ1	160	Before	Interior Girder 5	80	0.95	1	1	1.681276
HL93_str_opr	BOBJ1	160	Before	Interior Girder 6	80	0.95	1	1	1.687709
HL93_str_opr	BOBJ1	160	Before	Right Exterior Girder	80	0.95	1	1	2.428712
HL93_str_opr	BOBJ1	160	After	Left Exterior Girder	0	0.95	1	1	2.389408
HL93_str_opr	BOBJ1	160	After	Interior Girder 1	0	0.95	1	1	1.637357

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelINonCompStrgth-Flx - Approach, Span 4-E									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
HL93_str_opr	BOBJ1	160	After	Interior Girder 2	0	0.95	1	1	1.668384
HL93_str_opr	BOBJ1	160	After	Interior Girder 3	0	0.95	1	1	1.392688
HL93_str_opr	BOBJ1	160	After	Interior Girder 4	0	0.95	1	1	1.393028
HL93_str_opr	BOBJ1	160	After	Interior Girder 5	0	0.95	1	1	1.662891
HL93_str_opr	BOBJ1	160	After	Interior Girder 6	0	0.95	1	1	1.642412
HL93_str_opr	BOBJ1	160	After	Right Exterior Girder	0	0.95	1	1	2.395522
HL93_str_opr	BOBJ1	166	Before	Left Exterior Girder	6	0.95	1	1	3.933108
HL93_str_opr	BOBJ1	166	Before	Right Exterior Girder	6	0.95	1	1	3.942056
HL93_str_opr	BOBJ1	166	After	Left Exterior Girder	6	0.95	1	1	2.520522
HL93_str_opr	BOBJ1	166	After	Right Exterior Girder	6	0.95	1	1	2.5263
HL93_str_opr	BOBJ1	168	Before	Left Exterior Girder	8	0.95	1	1	3.021251
HL93_str_opr	BOBJ1	168	Before	Interior Girder 1	8	0.95	1	1	3.235692
HL93_str_opr	BOBJ1	168	Before	Interior Girder 2	8	0.95	1	1	3.263956
HL93_str_opr	BOBJ1	168	Before	Interior Girder 3	8	0.95	1	1	3.16408
HL93_str_opr	BOBJ1	168	Before	Interior Girder 4	8	0.95	1	1	3.162039
HL93_str_opr	BOBJ1	168	Before	Interior Girder 5	8	0.95	1	1	3.2576
HL93_str_opr	BOBJ1	168	Before	Interior Girder 6	8	0.95	1	1	3.239022
HL93_str_opr	BOBJ1	168	Before	Right Exterior Girder	8	0.95	1	1	3.027974
HL93_str_opr	BOBJ1	168	After	Left Exterior Girder	8	0.95	1	1	2.965256
HL93_str_opr	BOBJ1	168	After	Interior Girder 1	8	0.95	1	1	3.301505
HL93_str_opr	BOBJ1	168	After	Interior Girder 2	8	0.95	1	1	3.294904
HL93_str_opr	BOBJ1	168	After	Interior Girder 3	8	0.95	1	1	3.174562
HL93_str_opr	BOBJ1	168	After	Interior Girder 4	8	0.95	1	1	3.172201
HL93_str_opr	BOBJ1	168	After	Interior Girder 5	8	0.95	1	1	3.289304
HL93_str_opr	BOBJ1	168	After	Interior Girder 6	8	0.95	1	1	3.304588
HL93_str_opr	BOBJ1	168	After	Right Exterior Girder	8	0.95	1	1	2.972084
HL93_str_opr	BOBJ1	170	Before	Interior Girder 1	10	0.95	1	1	3.749391
HL93_str_opr	BOBJ1	170	Before	Interior Girder 2	10	0.95	1	1	3.734117
HL93_str_opr	BOBJ1	170	Before	Interior Girder 3	10	0.95	1	1	3.688058
HL93_str_opr	BOBJ1	170	Before	Interior Girder 4	10	0.95	1	1	3.684805
HL93_str_opr	BOBJ1	170	Before	Interior Girder 5	10	0.95	1	1	3.72733
HL93_str_opr	BOBJ1	170	Before	Interior Girder 6	10	0.95	1	1	3.752804
HL93_str_opr	BOBJ1	170	After	Interior Girder 1	10	0.95	1	1	1.751585
HL93_str_opr	BOBJ1	170	After	Interior Girder 2	10	0.95	1	1	1.795925
HL93_str_opr	BOBJ1	170	After	Interior Girder 3	10	0.95	1	1	1.744996
HL93_str_opr	BOBJ1	170	After	Interior Girder 4	10	0.95	1	1	1.743396
HL93_str_opr	BOBJ1	170	After	Interior Girder 5	10	0.95	1	1	1.792246
HL93_str_opr	BOBJ1	170	After	Interior Girder 6	10	0.95	1	1	1.753307
HL93_str_opr	BOBJ1	176	Before	Left Exterior Girder	16	0.95	1	1	4.711242
HL93_str_opr	BOBJ1	176	Before	Interior Girder 1	16	0.95	1	1	2.737731
HL93_str_opr	BOBJ1	176	Before	Interior Girder 2	16	0.95	1	1	2.698437
HL93_str_opr	BOBJ1	176	Before	Interior Girder 3	16	0.95	1	1	2.687254
HL93_str_opr	BOBJ1	176	Before	Interior Girder 4	16	0.95	1	1	2.694847
HL93_str_opr	BOBJ1	176	Before	Interior Girder 5	16	0.95	1	1	2.701626
HL93_str_opr	BOBJ1	176	Before	Interior Girder 6	16	0.95	1	1	2.738443
HL93_str_opr	BOBJ1	176	Before	Right Exterior Girder	16	0.95	1	1	4.719006
HL93_str_opr	BOBJ1	176	After	Left Exterior Girder	16	0.95	1	1	4.889034
HL93_str_opr	BOBJ1	176	After	Interior Girder 1	16	0.95	1	1	2.777181
HL93_str_opr	BOBJ1	176	After	Interior Girder 2	16	0.95	1	1	2.675138
HL93_str_opr	BOBJ1	176	After	Interior Girder 3	16	0.95	1	1	2.729289
HL93_str_opr	BOBJ1	176	After	Interior Girder 4	16	0.95	1	1	2.733677
HL93_str_opr	BOBJ1	176	After	Interior Girder 5	16	0.95	1	1	2.678128
HL93_str_opr	BOBJ1	176	After	Interior Girder 6	16	0.95	1	1	2.777966
HL93_str_opr	BOBJ1	176	After	Right Exterior Girder	16	0.95	1	1	4.897002
HL93_str_opr	BOBJ1	181	Before	Interior Girder 1	21	0.95	1	1	1.673083
HL93_str_opr	BOBJ1	181	Before	Interior Girder 2	21	0.95	1	1	1.600666
HL93_str_opr	BOBJ1	181	Before	Interior Girder 3	21	0.95	1	1	1.594371
HL93_str_opr	BOBJ1	181	Before	Interior Girder 4	21	0.95	1	1	1.600499
HL93_str_opr	BOBJ1	181	Before	Interior Girder 5	21	0.95	1	1	1.596675
HL93_str_opr	BOBJ1	181	Before	Interior Girder 6	21	0.95	1	1	1.676834
HL93_str_opr	BOBJ1	181	After	Interior Girder 1	21	0.95	1	1	2.977625
HL93_str_opr	BOBJ1	181	After	Interior Girder 2	21	0.95	1	1	2.822788
HL93_str_opr	BOBJ1	181	After	Interior Girder 3	21	0.95	1	1	2.889178
HL93_str_opr	BOBJ1	181	After	Interior Girder 4	21	0.95	1	1	2.901587
HL93_str_opr	BOBJ1	181	After	Interior Girder 5	21	0.95	1	1	2.815571

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelINonCompStrgth-Flx - Approach, Span 4-E									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
HL93_str_opr	BOBJ1	181	After	Interior Girder 6	21	0.95	1	1	2.984391
HL93_str_opr	BOBJ1	184	Before	Left Exterior Girder	24	0.95	1	1	2.789303
HL93_str_opr	BOBJ1	184	Before	Interior Girder 1	24	0.95	1	1	2.405793
HL93_str_opr	BOBJ1	184	Before	Interior Girder 2	24	0.95	1	1	2.331567
HL93_str_opr	BOBJ1	184	Before	Interior Girder 3	24	0.95	1	1	2.385087
HL93_str_opr	BOBJ1	184	Before	Interior Girder 4	24	0.95	1	1	2.391232
HL93_str_opr	BOBJ1	184	Before	Interior Girder 5	24	0.95	1	1	2.324765
HL93_str_opr	BOBJ1	184	Before	Interior Girder 6	24	0.95	1	1	2.411184
HL93_str_opr	BOBJ1	184	Before	Right Exterior Girder	24	0.95	1	1	2.793102
HL93_str_opr	BOBJ1	184	After	Left Exterior Girder	24	0.95	1	1	2.848026
HL93_str_opr	BOBJ1	184	After	Interior Girder 1	24	0.95	1	1	2.3758
HL93_str_opr	BOBJ1	184	After	Interior Girder 2	24	0.95	1	1	2.335099
HL93_str_opr	BOBJ1	184	After	Interior Girder 3	24	0.95	1	1	2.414087
HL93_str_opr	BOBJ1	184	After	Interior Girder 4	24	0.95	1	1	2.426387
HL93_str_opr	BOBJ1	184	After	Interior Girder 5	24	0.95	1	1	2.330091
HL93_str_opr	BOBJ1	184	After	Interior Girder 6	24	0.95	1	1	2.380898
HL93_str_opr	BOBJ1	184	After	Right Exterior Girder	24	0.95	1	1	2.851498
HL93_str_opr	BOBJ1	192	Before	Left Exterior Girder	32	0.95	1	1	1.800695
HL93_str_opr	BOBJ1	192	Before	Interior Girder 1	32	0.95	1	1	1.642709
HL93_str_opr	BOBJ1	192	Before	Interior Girder 2	32	0.95	1	1	1.687938
HL93_str_opr	BOBJ1	192	Before	Interior Girder 3	32	0.95	1	1	1.714863
HL93_str_opr	BOBJ1	192	Before	Interior Girder 4	32	0.95	1	1	1.715738
HL93_str_opr	BOBJ1	192	Before	Interior Girder 5	32	0.95	1	1	1.68763
HL93_str_opr	BOBJ1	192	Before	Interior Girder 6	32	0.95	1	1	1.642227
HL93_str_opr	BOBJ1	192	Before	Right Exterior Girder	32	0.95	1	1	1.803843
HL93_str_opr	BOBJ1	192	After	Left Exterior Girder	32	0.95	1	1	1.837499
HL93_str_opr	BOBJ1	192	After	Interior Girder 1	32	0.95	1	1	1.621196
HL93_str_opr	BOBJ1	192	After	Interior Girder 2	32	0.95	1	1	1.681639
HL93_str_opr	BOBJ1	192	After	Interior Girder 3	32	0.95	1	1	1.713883
HL93_str_opr	BOBJ1	192	After	Interior Girder 4	32	0.95	1	1	1.715005
HL93_str_opr	BOBJ1	192	After	Interior Girder 5	32	0.95	1	1	1.681886
HL93_str_opr	BOBJ1	192	After	Interior Girder 6	32	0.95	1	1	1.620794
HL93_str_opr	BOBJ1	192	After	Right Exterior Girder	32	0.95	1	1	1.840361
HL93_str_opr	BOBJ1	200	Before	Left Exterior Girder	40	0.95	1	1	1.516345
HL93_str_opr	BOBJ1	200	Before	Interior Girder 1	40	0.95	1	1	1.295339
HL93_str_opr	BOBJ1	200	Before	Interior Girder 2	40	0.95	1	1	1.345499
HL93_str_opr	BOBJ1	200	Before	Interior Girder 3	40	0.95	1	1	1.390466
HL93_str_opr	BOBJ1	200	Before	Interior Girder 4	40	0.95	1	1	1.392274
HL93_str_opr	BOBJ1	200	Before	Interior Girder 5	40	0.95	1	1	1.342519
HL93_str_opr	BOBJ1	200	Before	Interior Girder 6	40	0.95	1	1	1.297139
HL93_str_opr	BOBJ1	200	Before	Right Exterior Girder	40	0.95	1	1	1.518446
HL93_str_opr	BOBJ1	200	After	Left Exterior Girder	40	0.95	1	1	1.530089
HL93_str_opr	BOBJ1	200	After	Interior Girder 1	40	0.95	1	1	1.288915
HL93_str_opr	BOBJ1	200	After	Interior Girder 2	40	0.95	1	1	1.347979
HL93_str_opr	BOBJ1	200	After	Interior Girder 3	40	0.95	1	1	1.392653
HL93_str_opr	BOBJ1	200	After	Interior Girder 4	40	0.95	1	1	1.395876
HL93_str_opr	BOBJ1	200	After	Interior Girder 5	40	0.95	1	1	1.345002
HL93_str_opr	BOBJ1	200	After	Interior Girder 6	40	0.95	1	1	1.290645
HL93_str_opr	BOBJ1	200	After	Right Exterior Girder	40	0.95	1	1	1.532162
HL93_str_opr	BOBJ1	208	Before	Left Exterior Girder	48	0.95	1	1	1.417965
HL93_str_opr	BOBJ1	208	Before	Interior Girder 1	48	0.95	1	1	1.243518
HL93_str_opr	BOBJ1	208	Before	Interior Girder 2	48	0.95	1	1	1.317953
HL93_str_opr	BOBJ1	208	Before	Interior Girder 3	48	0.95	1	1	1.358375
HL93_str_opr	BOBJ1	208	Before	Interior Girder 4	48	0.95	1	1	1.358868
HL93_str_opr	BOBJ1	208	Before	Interior Girder 5	48	0.95	1	1	1.317423
HL93_str_opr	BOBJ1	208	Before	Interior Girder 6	48	0.95	1	1	1.243263
HL93_str_opr	BOBJ1	208	Before	Right Exterior Girder	48	0.95	1	1	1.420187
HL93_str_opr	BOBJ1	208	After	Left Exterior Girder	48	0.95	1	1	1.411374
HL93_str_opr	BOBJ1	208	After	Interior Girder 1	48	0.95	1	1	1.244394
HL93_str_opr	BOBJ1	208	After	Interior Girder 2	48	0.95	1	1	1.319219
HL93_str_opr	BOBJ1	208	After	Interior Girder 3	48	0.95	1	1	1.356175
HL93_str_opr	BOBJ1	208	After	Interior Girder 4	48	0.95	1	1	1.356383
HL93_str_opr	BOBJ1	208	After	Interior Girder 5	48	0.95	1	1	1.318759
HL93_str_opr	BOBJ1	208	After	Interior Girder 6	48	0.95	1	1	1.244118
HL93_str_opr	BOBJ1	208	After	Right Exterior Girder	48	0.95	1	1	1.413673

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelINonCompStrgth-Flx - Approach, Span 4-E									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
HL93_str_opr	BOBJ1	216	Before	Left Exterior Girder	56	0.95	1	1	1.669193
HL93_str_opr	BOBJ1	216	Before	Interior Girder 1	56	0.95	1	1	1.380288
HL93_str_opr	BOBJ1	216	Before	Interior Girder 2	56	0.95	1	1	1.428515
HL93_str_opr	BOBJ1	216	Before	Interior Girder 3	56	0.95	1	1	1.487565
HL93_str_opr	BOBJ1	216	Before	Interior Girder 4	56	0.95	1	1	1.491297
HL93_str_opr	BOBJ1	216	Before	Interior Girder 5	56	0.95	1	1	1.425007
HL93_str_opr	BOBJ1	216	Before	Interior Girder 6	56	0.95	1	1	1.382404
HL93_str_opr	BOBJ1	216	Before	Right Exterior Girder	56	0.95	1	1	1.671224
HL93_str_opr	BOBJ1	216	After	Left Exterior Girder	56	0.95	1	1	1.641828
HL93_str_opr	BOBJ1	216	After	Interior Girder 1	56	0.95	1	1	1.393306
HL93_str_opr	BOBJ1	216	After	Interior Girder 2	56	0.95	1	1	1.428653
HL93_str_opr	BOBJ1	216	After	Interior Girder 3	56	0.95	1	1	1.481226
HL93_str_opr	BOBJ1	216	After	Interior Girder 4	56	0.95	1	1	1.48264
HL93_str_opr	BOBJ1	216	After	Interior Girder 5	56	0.95	1	1	1.425075
HL93_str_opr	BOBJ1	216	After	Interior Girder 6	56	0.95	1	1	1.395551
HL93_str_opr	BOBJ1	216	After	Right Exterior Girder	56	0.95	1	1	1.644148
HL93_str_opr	BOBJ1	224	Before	Left Exterior Girder	64	0.95	1	1	2.267308
HL93_str_opr	BOBJ1	224	Before	Interior Girder 1	64	0.95	1	1	1.942522
HL93_str_opr	BOBJ1	224	Before	Interior Girder 2	64	0.95	1	1	1.971766
HL93_str_opr	BOBJ1	224	Before	Interior Girder 3	64	0.95	1	1	2.023685
HL93_str_opr	BOBJ1	224	Before	Interior Girder 4	64	0.95	1	1	2.0248
HL93_str_opr	BOBJ1	224	Before	Interior Girder 5	64	0.95	1	1	1.972557
HL93_str_opr	BOBJ1	224	Before	Interior Girder 6	64	0.95	1	1	1.942288
HL93_str_opr	BOBJ1	224	Before	Right Exterior Girder	64	0.95	1	1	2.270786
HL93_str_opr	BOBJ1	224	After	Left Exterior Girder	64	0.95	1	1	2.203615
HL93_str_opr	BOBJ1	224	After	Interior Girder 1	64	0.95	1	1	1.983218
HL93_str_opr	BOBJ1	224	After	Interior Girder 2	64	0.95	1	1	1.970523
HL93_str_opr	BOBJ1	224	After	Interior Girder 3	64	0.95	1	1	2.008234
HL93_str_opr	BOBJ1	224	After	Interior Girder 4	64	0.95	1	1	2.008266
HL93_str_opr	BOBJ1	224	After	Interior Girder 5	64	0.95	1	1	1.969303
HL93_str_opr	BOBJ1	224	After	Interior Girder 6	64	0.95	1	1	1.983101
HL93_str_opr	BOBJ1	224	After	Right Exterior Girder	64	0.95	1	1	2.207376
HL93_str_opr	BOBJ1	232	Before	Left Exterior Girder	72	0.95	1	1	4.755091
HL93_str_opr	BOBJ1	232	Before	Interior Girder 1	72	0.95	1	1	3.655254
HL93_str_opr	BOBJ1	232	Before	Interior Girder 2	72	0.95	1	1	3.526915
HL93_str_opr	BOBJ1	232	Before	Interior Girder 3	72	0.95	1	1	3.635637
HL93_str_opr	BOBJ1	232	Before	Interior Girder 4	72	0.95	1	1	3.662097
HL93_str_opr	BOBJ1	232	Before	Interior Girder 5	72	0.95	1	1	3.527326
HL93_str_opr	BOBJ1	232	Before	Interior Girder 6	72	0.95	1	1	3.664824
HL93_str_opr	BOBJ1	232	Before	Right Exterior Girder	72	0.95	1	1	4.760686
HL93_str_opr	BOBJ1	232	After	Left Exterior Girder	72	0.95	1	1	4.691641
HL93_str_opr	BOBJ1	232	After	Interior Girder 1	72	0.95	1	1	3.660945
HL93_str_opr	BOBJ1	232	After	Interior Girder 2	72	0.95	1	1	3.487373
HL93_str_opr	BOBJ1	232	After	Interior Girder 3	72	0.95	1	1	3.471711
HL93_str_opr	BOBJ1	232	After	Interior Girder 4	72	0.95	1	1	3.487992
HL93_str_opr	BOBJ1	232	After	Interior Girder 5	72	0.95	1	1	3.477902
HL93_str_opr	BOBJ1	232	After	Interior Girder 6	72	0.95	1	1	3.67376
HL93_str_opr	BOBJ1	232	After	Right Exterior Girder	72	0.95	1	1	4.698277
HL93_str_opr	BOBJ1	240	Before	Left Exterior Girder	80	0.95	1	1	46.514721
HL93_str_opr	BOBJ1	240	Before	Interior Girder 1	80	0.95	1	1	27.659178
HL93_str_opr	BOBJ1	240	Before	Interior Girder 2	80	0.95	1	1	23.540064
HL93_str_opr	BOBJ1	240	Before	Interior Girder 3	80	0.95	1	1	16.00645
HL93_str_opr	BOBJ1	240	Before	Interior Girder 4	80	0.95	1	1	16.095064
HL93_str_opr	BOBJ1	240	Before	Interior Girder 5	80	0.95	1	1	23.020978
HL93_str_opr	BOBJ1	240	Before	Interior Girder 6	80	0.95	1	1	27.734814
HL93_str_opr	BOBJ1	240	Before	Right Exterior Girder	80	0.95	1	1	46.593841
HL93_str_inv	BOBJ1	0	After	Left Exterior Girder	0	0.95	1	1	261.55206
HL93_str_inv	BOBJ1	0	After	Interior Girder 1	0	0.95	1	1	206.722573
HL93_str_inv	BOBJ1	0	After	Interior Girder 2	0	0.95	1	1	222.057488
HL93_str_inv	BOBJ1	0	After	Interior Girder 3	0	0.95	1	1	140.668473
HL93_str_inv	BOBJ1	0	After	Interior Girder 4	0	0.95	1	1	141.683008
HL93_str_inv	BOBJ1	0	After	Interior Girder 5	0	0.95	1	1	218.309297
HL93_str_inv	BOBJ1	0	After	Interior Girder 6	0	0.95	1	1	199.764517
HL93_str_inv	BOBJ1	0	After	Right Exterior Girder	0	0.95	1	1	262.461064
HL93_str_inv	BOBJ1	8	Before	Left Exterior Girder	8	0.95	1	1	3.662788

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelINonCompStrgth-Flx - Approach, Span 4-6									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
HL93_str_inv	BOBJ1	8	Before	Interior Girder 1	8	0.95	1	1	2.931862
HL93_str_inv	BOBJ1	8	Before	Interior Girder 2	8	0.95	1	1	2.81615
HL93_str_inv	BOBJ1	8	Before	Interior Girder 3	8	0.95	1	1	2.646607
HL93_str_inv	BOBJ1	8	Before	Interior Girder 4	8	0.95	1	1	2.658366
HL93_str_inv	BOBJ1	8	Before	Interior Girder 5	8	0.95	1	1	2.801741
HL93_str_inv	BOBJ1	8	Before	Interior Girder 6	8	0.95	1	1	2.945707
HL93_str_inv	BOBJ1	8	Before	Right Exterior Girder	8	0.95	1	1	3.669422
HL93_str_inv	BOBJ1	8	After	Left Exterior Girder	8	0.95	1	1	3.727037
HL93_str_inv	BOBJ1	8	After	Interior Girder 1	8	0.95	1	1	2.906628
HL93_str_inv	BOBJ1	8	After	Interior Girder 2	8	0.95	1	1	2.866892
HL93_str_inv	BOBJ1	8	After	Interior Girder 3	8	0.95	1	1	2.76487
HL93_str_inv	BOBJ1	8	After	Interior Girder 4	8	0.95	1	1	2.776355
HL93_str_inv	BOBJ1	8	After	Interior Girder 5	8	0.95	1	1	2.853516
HL93_str_inv	BOBJ1	8	After	Interior Girder 6	8	0.95	1	1	2.918968
HL93_str_inv	BOBJ1	8	After	Right Exterior Girder	8	0.95	1	1	3.732679
HL93_str_inv	BOBJ1	16	Before	Left Exterior Girder	16	0.95	1	1	1.691122
HL93_str_inv	BOBJ1	16	Before	Interior Girder 1	16	0.95	1	1	1.70348
HL93_str_inv	BOBJ1	16	Before	Interior Girder 2	16	0.95	1	1	1.656925
HL93_str_inv	BOBJ1	16	Before	Interior Girder 3	16	0.95	1	1	1.663729
HL93_str_inv	BOBJ1	16	Before	Interior Girder 4	16	0.95	1	1	1.662234
HL93_str_inv	BOBJ1	16	Before	Interior Girder 5	16	0.95	1	1	1.655885
HL93_str_inv	BOBJ1	16	Before	Interior Girder 6	16	0.95	1	1	1.70341
HL93_str_inv	BOBJ1	16	Before	Right Exterior Girder	16	0.95	1	1	1.694449
HL93_str_inv	BOBJ1	16	After	Left Exterior Girder	16	0.95	1	1	1.733352
HL93_str_inv	BOBJ1	16	After	Interior Girder 1	16	0.95	1	1	1.671139
HL93_str_inv	BOBJ1	16	After	Interior Girder 2	16	0.95	1	1	1.660681
HL93_str_inv	BOBJ1	16	After	Interior Girder 3	16	0.95	1	1	1.687211
HL93_str_inv	BOBJ1	16	After	Interior Girder 4	16	0.95	1	1	1.687185
HL93_str_inv	BOBJ1	16	After	Interior Girder 5	16	0.95	1	1	1.660734
HL93_str_inv	BOBJ1	16	After	Interior Girder 6	16	0.95	1	1	1.671111
HL93_str_inv	BOBJ1	16	After	Right Exterior Girder	16	0.95	1	1	1.7365
HL93_str_inv	BOBJ1	20.5	Before	Left Exterior Girder	20.5	0.95	1	1	1.407452
HL93_str_inv	BOBJ1	20.5	Before	Right Exterior Girder	20.5	0.95	1	1	1.409858
HL93_str_inv	BOBJ1	20.5	After	Left Exterior Girder	20.5	0.95	1	1	2.08895
HL93_str_inv	BOBJ1	20.5	After	Right Exterior Girder	20.5	0.95	1	1	2.092399
HL93_str_inv	BOBJ1	24	Before	Left Exterior Girder	24	0.95	1	1	1.84996
HL93_str_inv	BOBJ1	24	Before	Interior Girder 1	24	0.95	1	1	1.21687
HL93_str_inv	BOBJ1	24	Before	Interior Girder 2	24	0.95	1	1	1.224838
HL93_str_inv	BOBJ1	24	Before	Interior Girder 3	24	0.95	1	1	1.251217
HL93_str_inv	BOBJ1	24	Before	Interior Girder 4	24	0.95	1	1	1.252716
HL93_str_inv	BOBJ1	24	Before	Interior Girder 5	24	0.95	1	1	1.221691
HL93_str_inv	BOBJ1	24	Before	Interior Girder 6	24	0.95	1	1	1.219189
HL93_str_inv	BOBJ1	24	Before	Right Exterior Girder	24	0.95	1	1	1.852675
HL93_str_inv	BOBJ1	24	After	Left Exterior Girder	24	0.95	1	1	1.847808
HL93_str_inv	BOBJ1	24	After	Interior Girder 1	24	0.95	1	1	1.222789
HL93_str_inv	BOBJ1	24	After	Interior Girder 2	24	0.95	1	1	1.225721
HL93_str_inv	BOBJ1	24	After	Interior Girder 3	24	0.95	1	1	1.261887
HL93_str_inv	BOBJ1	24	After	Interior Girder 4	24	0.95	1	1	1.264381
HL93_str_inv	BOBJ1	24	After	Interior Girder 5	24	0.95	1	1	1.222515
HL93_str_inv	BOBJ1	24	After	Interior Girder 6	24	0.95	1	1	1.224742
HL93_str_inv	BOBJ1	24	After	Right Exterior Girder	24	0.95	1	1	1.850339
HL93_str_inv	BOBJ1	32	Before	Left Exterior Girder	32	0.95	1	1	1.567935
HL93_str_inv	BOBJ1	32	Before	Interior Girder 1	32	0.95	1	1	1.1294
HL93_str_inv	BOBJ1	32	Before	Interior Girder 2	32	0.95	1	1	1.141875
HL93_str_inv	BOBJ1	32	Before	Interior Girder 3	32	0.95	1	1	1.160696
HL93_str_inv	BOBJ1	32	Before	Interior Girder 4	32	0.95	1	1	1.16075
HL93_str_inv	BOBJ1	32	Before	Interior Girder 5	32	0.95	1	1	1.141562
HL93_str_inv	BOBJ1	32	Before	Interior Girder 6	32	0.95	1	1	1.129073
HL93_str_inv	BOBJ1	32	Before	Right Exterior Girder	32	0.95	1	1	1.570595
HL93_str_inv	BOBJ1	32	After	Left Exterior Girder	32	0.95	1	1	1.573891
HL93_str_inv	BOBJ1	32	After	Interior Girder 1	32	0.95	1	1	1.129654
HL93_str_inv	BOBJ1	32	After	Interior Girder 2	32	0.95	1	1	1.140041
HL93_str_inv	BOBJ1	32	After	Interior Girder 3	32	0.95	1	1	1.160855
HL93_str_inv	BOBJ1	32	After	Interior Girder 4	32	0.95	1	1	1.161147
HL93_str_inv	BOBJ1	32	After	Interior Girder 5	32	0.95	1	1	1.139897

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelINonCompStrgth-Flx - Approach, Span 4-6									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
HL93_str_inv	BOBJ1	32	After	Interior Girder 6	32	0.95	1	1	1.12937
HL93_str_inv	BOBJ1	32	After	Right Exterior Girder	32	0.95	1	1	1.576489
HL93_str_inv	BOBJ1	40	Before	Left Exterior Girder	40	0.95	1	1	1.689986
HL93_str_inv	BOBJ1	40	Before	Interior Girder 1	40	0.95	1	1	1.147872
HL93_str_inv	BOBJ1	40	Before	Interior Girder 2	40	0.95	1	1	1.164689
HL93_str_inv	BOBJ1	40	Before	Interior Girder 3	40	0.95	1	1	1.192433
HL93_str_inv	BOBJ1	40	Before	Interior Girder 4	40	0.95	1	1	1.195099
HL93_str_inv	BOBJ1	40	Before	Interior Girder 5	40	0.95	1	1	1.162415
HL93_str_inv	BOBJ1	40	Before	Interior Girder 6	40	0.95	1	1	1.149392
HL93_str_inv	BOBJ1	40	Before	Right Exterior Girder	40	0.95	1	1	1.692368
HL93_str_inv	BOBJ1	40	After	Left Exterior Girder	40	0.95	1	1	1.687376
HL93_str_inv	BOBJ1	40	After	Interior Girder 1	40	0.95	1	1	1.150084
HL93_str_inv	BOBJ1	40	After	Interior Girder 2	40	0.95	1	1	1.15942
HL93_str_inv	BOBJ1	40	After	Interior Girder 3	40	0.95	1	1	1.187175
HL93_str_inv	BOBJ1	40	After	Interior Girder 4	40	0.95	1	1	1.18872
HL93_str_inv	BOBJ1	40	After	Interior Girder 5	40	0.95	1	1	1.156869
HL93_str_inv	BOBJ1	40	After	Interior Girder 6	40	0.95	1	1	1.151672
HL93_str_inv	BOBJ1	40	After	Right Exterior Girder	40	0.95	1	1	1.68982
HL93_str_inv	BOBJ1	46.5	Before	Left Exterior Girder	46.5	0.95	1	1	1.925343
HL93_str_inv	BOBJ1	46.5	Before	Right Exterior Girder	46.5	0.95	1	1	1.928315
HL93_str_inv	BOBJ1	46.5	After	Left Exterior Girder	46.5	0.95	1	1	1.32538
HL93_str_inv	BOBJ1	46.5	After	Right Exterior Girder	46.5	0.95	1	1	1.327487
HL93_str_inv	BOBJ1	48	Before	Left Exterior Girder	48	0.95	1	1	1.402015
HL93_str_inv	BOBJ1	48	Before	Interior Girder 1	48	0.95	1	1	1.408625
HL93_str_inv	BOBJ1	48	Before	Interior Girder 2	48	0.95	1	1	1.440523
HL93_str_inv	BOBJ1	48	Before	Interior Girder 3	48	0.95	1	1	1.456005
HL93_str_inv	BOBJ1	48	Before	Interior Girder 4	48	0.95	1	1	1.456951
HL93_str_inv	BOBJ1	48	Before	Interior Girder 5	48	0.95	1	1	1.441281
HL93_str_inv	BOBJ1	48	Before	Interior Girder 6	48	0.95	1	1	1.408215
HL93_str_inv	BOBJ1	48	Before	Right Exterior Girder	48	0.95	1	1	1.404289
HL93_str_inv	BOBJ1	48	After	Left Exterior Girder	48	0.95	1	1	1.378393
HL93_str_inv	BOBJ1	48	After	Interior Girder 1	48	0.95	1	1	1.426653
HL93_str_inv	BOBJ1	48	After	Interior Girder 2	48	0.95	1	1	1.441773
HL93_str_inv	BOBJ1	48	After	Interior Girder 3	48	0.95	1	1	1.452802
HL93_str_inv	BOBJ1	48	After	Interior Girder 4	48	0.95	1	1	1.453389
HL93_str_inv	BOBJ1	48	After	Interior Girder 5	48	0.95	1	1	1.441465
HL93_str_inv	BOBJ1	48	After	Interior Girder 6	48	0.95	1	1	1.426198
HL93_str_inv	BOBJ1	48	After	Right Exterior Girder	48	0.95	1	1	1.38086
HL93_str_inv	BOBJ1	56	Before	Left Exterior Girder	56	0.95	1	1	2.183757
HL93_str_inv	BOBJ1	56	Before	Interior Girder 1	56	0.95	1	1	1.997995
HL93_str_inv	BOBJ1	56	Before	Interior Girder 2	56	0.95	1	1	1.966391
HL93_str_inv	BOBJ1	56	Before	Interior Girder 3	56	0.95	1	1	2.023309
HL93_str_inv	BOBJ1	56	Before	Interior Girder 4	56	0.95	1	1	2.033245
HL93_str_inv	BOBJ1	56	Before	Interior Girder 5	56	0.95	1	1	1.962372
HL93_str_inv	BOBJ1	56	Before	Interior Girder 6	56	0.95	1	1	2.002281
HL93_str_inv	BOBJ1	56	Before	Right Exterior Girder	56	0.95	1	1	2.186506
HL93_str_inv	BOBJ1	56	After	Left Exterior Girder	56	0.95	1	1	2.140298
HL93_str_inv	BOBJ1	56	After	Interior Girder 1	56	0.95	1	1	2.026768
HL93_str_inv	BOBJ1	56	After	Interior Girder 2	56	0.95	1	1	1.95951
HL93_str_inv	BOBJ1	56	After	Interior Girder 3	56	0.95	1	1	1.99482
HL93_str_inv	BOBJ1	56	After	Interior Girder 4	56	0.95	1	1	1.999258
HL93_str_inv	BOBJ1	56	After	Interior Girder 5	56	0.95	1	1	1.953845
HL93_str_inv	BOBJ1	56	After	Interior Girder 6	56	0.95	1	1	2.031298
HL93_str_inv	BOBJ1	56	After	Right Exterior Girder	56	0.95	1	1	2.14332
HL93_str_inv	BOBJ1	59	Before	Interior Girder 1	59	0.95	1	1	2.475995
HL93_str_inv	BOBJ1	59	Before	Interior Girder 2	59	0.95	1	1	2.359017
HL93_str_inv	BOBJ1	59	Before	Interior Girder 3	59	0.95	1	1	2.40873
HL93_str_inv	BOBJ1	59	Before	Interior Girder 4	59	0.95	1	1	2.418758
HL93_str_inv	BOBJ1	59	Before	Interior Girder 5	59	0.95	1	1	2.353063
HL93_str_inv	BOBJ1	59	Before	Interior Girder 6	59	0.95	1	1	2.481599
HL93_str_inv	BOBJ1	59	After	Interior Girder 1	59	0.95	1	1	1.262287
HL93_str_inv	BOBJ1	59	After	Interior Girder 2	59	0.95	1	1	1.215189
HL93_str_inv	BOBJ1	59	After	Interior Girder 3	59	0.95	1	1	1.204285
HL93_str_inv	BOBJ1	59	After	Interior Girder 4	59	0.95	1	1	1.208698
HL93_str_inv	BOBJ1	59	After	Interior Girder 5	59	0.95	1	1	1.212159

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelINonCompStrgth-Flx - Approach, Span 4-E									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
HL93_str_inv	BOBJ1	59	After	Interior Girder 6	59	0.95	1	1	1.265113
HL93_str_inv	BOBJ1	64	Before	Left Exterior Girder	64	0.95	1	1	3.791498
HL93_str_inv	BOBJ1	64	Before	Interior Girder 1	64	0.95	1	1	2.075831
HL93_str_inv	BOBJ1	64	Before	Interior Girder 2	64	0.95	1	1	2.025438
HL93_str_inv	BOBJ1	64	Before	Interior Girder 3	64	0.95	1	1	2.067947
HL93_str_inv	BOBJ1	64	Before	Interior Girder 4	64	0.95	1	1	2.072066
HL93_str_inv	BOBJ1	64	Before	Interior Girder 5	64	0.95	1	1	2.02786
HL93_str_inv	BOBJ1	64	Before	Interior Girder 6	64	0.95	1	1	2.076429
HL93_str_inv	BOBJ1	64	Before	Right Exterior Girder	64	0.95	1	1	3.797324
HL93_str_inv	BOBJ1	64	After	Left Exterior Girder	64	0.95	1	1	3.645477
HL93_str_inv	BOBJ1	64	After	Interior Girder 1	64	0.95	1	1	2.052829
HL93_str_inv	BOBJ1	64	After	Interior Girder 2	64	0.95	1	1	2.04204
HL93_str_inv	BOBJ1	64	After	Interior Girder 3	64	0.95	1	1	2.039517
HL93_str_inv	BOBJ1	64	After	Interior Girder 4	64	0.95	1	1	2.045448
HL93_str_inv	BOBJ1	64	After	Interior Girder 5	64	0.95	1	1	2.044569
HL93_str_inv	BOBJ1	64	After	Interior Girder 6	64	0.95	1	1	2.053325
HL93_str_inv	BOBJ1	64	After	Right Exterior Girder	64	0.95	1	1	3.651291
HL93_str_inv	BOBJ1	69	Before	Interior Girder 1	69	0.95	1	1	1.437916
HL93_str_inv	BOBJ1	69	Before	Interior Girder 2	69	0.95	1	1	1.461156
HL93_str_inv	BOBJ1	69	Before	Interior Girder 3	69	0.95	1	1	1.437993
HL93_str_inv	BOBJ1	69	Before	Interior Girder 4	69	0.95	1	1	1.436908
HL93_str_inv	BOBJ1	69	Before	Interior Girder 5	69	0.95	1	1	1.45877
HL93_str_inv	BOBJ1	69	Before	Interior Girder 6	69	0.95	1	1	1.439046
HL93_str_inv	BOBJ1	69	After	Interior Girder 1	69	0.95	1	1	3.14829
HL93_str_inv	BOBJ1	69	After	Interior Girder 2	69	0.95	1	1	3.137889
HL93_str_inv	BOBJ1	69	After	Interior Girder 3	69	0.95	1	1	3.128421
HL93_str_inv	BOBJ1	69	After	Interior Girder 4	69	0.95	1	1	3.126313
HL93_str_inv	BOBJ1	69	After	Interior Girder 5	69	0.95	1	1	3.133766
HL93_str_inv	BOBJ1	69	After	Interior Girder 6	69	0.95	1	1	3.150482
HL93_str_inv	BOBJ1	72	Before	Left Exterior Girder	72	0.95	1	1	2.38908
HL93_str_inv	BOBJ1	72	Before	Interior Girder 1	72	0.95	1	1	2.646455
HL93_str_inv	BOBJ1	72	Before	Interior Girder 2	72	0.95	1	1	2.629696
HL93_str_inv	BOBJ1	72	Before	Interior Girder 3	72	0.95	1	1	2.532677
HL93_str_inv	BOBJ1	72	Before	Interior Girder 4	72	0.95	1	1	2.530726
HL93_str_inv	BOBJ1	72	Before	Interior Girder 5	72	0.95	1	1	2.625039
HL93_str_inv	BOBJ1	72	Before	Interior Girder 6	72	0.95	1	1	2.649021
HL93_str_inv	BOBJ1	72	Before	Right Exterior Girder	72	0.95	1	1	2.394731
HL93_str_inv	BOBJ1	72	After	Left Exterior Girder	72	0.95	1	1	2.422366
HL93_str_inv	BOBJ1	72	After	Interior Girder 1	72	0.95	1	1	2.600206
HL93_str_inv	BOBJ1	72	After	Interior Girder 2	72	0.95	1	1	2.602659
HL93_str_inv	BOBJ1	72	After	Interior Girder 3	72	0.95	1	1	2.525177
HL93_str_inv	BOBJ1	72	After	Interior Girder 4	72	0.95	1	1	2.523516
HL93_str_inv	BOBJ1	72	After	Interior Girder 5	72	0.95	1	1	2.597536
HL93_str_inv	BOBJ1	72	After	Interior Girder 6	72	0.95	1	1	2.602901
HL93_str_inv	BOBJ1	72	After	Right Exterior Girder	72	0.95	1	1	2.427975
HL93_str_inv	BOBJ1	72.5	Before	Left Exterior Girder	72.5	0.95	1	1	2.307378
HL93_str_inv	BOBJ1	72.5	Before	Right Exterior Girder	72.5	0.95	1	1	2.312618
HL93_str_inv	BOBJ1	72.5	After	Left Exterior Girder	72.5	0.95	1	1	3.52766
HL93_str_inv	BOBJ1	72.5	After	Right Exterior Girder	72.5	0.95	1	1	3.535649
HL93_str_inv	BOBJ1	80	Before	Left Exterior Girder	80	0.95	1	1	2.096005
HL93_str_inv	BOBJ1	80	Before	Interior Girder 1	80	0.95	1	1	1.425474
HL93_str_inv	BOBJ1	80	Before	Interior Girder 2	80	0.95	1	1	1.407034
HL93_str_inv	BOBJ1	80	Before	Interior Girder 3	80	0.95	1	1	1.168933
HL93_str_inv	BOBJ1	80	Before	Interior Girder 4	80	0.95	1	1	1.169217
HL93_str_inv	BOBJ1	80	Before	Interior Girder 5	80	0.95	1	1	1.401972
HL93_str_inv	BOBJ1	80	Before	Interior Girder 6	80	0.95	1	1	1.429493
HL93_str_inv	BOBJ1	80	Before	Right Exterior Girder	80	0.95	1	1	2.101431
HL93_str_inv	BOBJ1	80	After	Left Exterior Girder	0	0.95	1	1	2.048247
HL93_str_inv	BOBJ1	80	After	Interior Girder 1	0	0.95	1	1	1.401162
HL93_str_inv	BOBJ1	80	After	Interior Girder 2	0	0.95	1	1	1.398118
HL93_str_inv	BOBJ1	80	After	Interior Girder 3	0	0.95	1	1	1.158722
HL93_str_inv	BOBJ1	80	After	Interior Girder 4	0	0.95	1	1	1.159301
HL93_str_inv	BOBJ1	80	After	Interior Girder 5	0	0.95	1	1	1.392168
HL93_str_inv	BOBJ1	80	After	Interior Girder 6	0	0.95	1	1	1.405596
HL93_str_inv	BOBJ1	80	After	Right Exterior Girder	0	0.95	1	1	2.053661

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelINonCompStrgth-Flx - Approach, Span 4-6									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
HL93_str_inv	BOBJ1	87.5	Before	Left Exterior Girder	7.5	0.95	1	1	3.565411
HL93_str_inv	BOBJ1	87.5	Before	Right Exterior Girder	7.5	0.95	1	1	3.573195
HL93_str_inv	BOBJ1	87.5	After	Left Exterior Girder	7.5	0.95	1	1	2.285705
HL93_str_inv	BOBJ1	87.5	After	Right Exterior Girder	7.5	0.95	1	1	2.290732
HL93_str_inv	BOBJ1	88	Before	Left Exterior Girder	8	0.95	1	1	2.384968
HL93_str_inv	BOBJ1	88	Before	Interior Girder 1	8	0.95	1	1	2.465306
HL93_str_inv	BOBJ1	88	Before	Interior Girder 2	8	0.95	1	1	2.453727
HL93_str_inv	BOBJ1	88	Before	Interior Girder 3	8	0.95	1	1	2.361507
HL93_str_inv	BOBJ1	88	Before	Interior Girder 4	8	0.95	1	1	2.360097
HL93_str_inv	BOBJ1	88	Before	Interior Girder 5	8	0.95	1	1	2.449998
HL93_str_inv	BOBJ1	88	Before	Interior Girder 6	8	0.95	1	1	2.468838
HL93_str_inv	BOBJ1	88	Before	Right Exterior Girder	8	0.95	1	1	2.390257
HL93_str_inv	BOBJ1	88	After	Left Exterior Girder	8	0.95	1	1	2.379017
HL93_str_inv	BOBJ1	88	After	Interior Girder 1	8	0.95	1	1	2.484924
HL93_str_inv	BOBJ1	88	After	Interior Girder 2	8	0.95	1	1	2.477605
HL93_str_inv	BOBJ1	88	After	Interior Girder 3	8	0.95	1	1	2.36642
HL93_str_inv	BOBJ1	88	After	Interior Girder 4	8	0.95	1	1	2.364706
HL93_str_inv	BOBJ1	88	After	Interior Girder 5	8	0.95	1	1	2.473557
HL93_str_inv	BOBJ1	88	After	Interior Girder 6	8	0.95	1	1	2.487995
HL93_str_inv	BOBJ1	88	After	Right Exterior Girder	8	0.95	1	1	2.384444
HL93_str_inv	BOBJ1	91	Before	Interior Girder 1	11	0.95	1	1	2.903142
HL93_str_inv	BOBJ1	91	Before	Interior Girder 2	11	0.95	1	1	2.92272
HL93_str_inv	BOBJ1	91	Before	Interior Girder 3	11	0.95	1	1	2.896319
HL93_str_inv	BOBJ1	91	Before	Interior Girder 4	11	0.95	1	1	2.894307
HL93_str_inv	BOBJ1	91	Before	Interior Girder 5	11	0.95	1	1	2.917368
HL93_str_inv	BOBJ1	91	Before	Interior Girder 6	11	0.95	1	1	2.905767
HL93_str_inv	BOBJ1	91	After	Interior Girder 1	11	0.95	1	1	1.185028
HL93_str_inv	BOBJ1	91	After	Interior Girder 2	11	0.95	1	1	1.223117
HL93_str_inv	BOBJ1	91	After	Interior Girder 3	11	0.95	1	1	1.195245
HL93_str_inv	BOBJ1	91	After	Interior Girder 4	11	0.95	1	1	1.194479
HL93_str_inv	BOBJ1	91	After	Interior Girder 5	11	0.95	1	1	1.220902
HL93_str_inv	BOBJ1	91	After	Interior Girder 6	11	0.95	1	1	1.186162
HL93_str_inv	BOBJ1	96	Before	Left Exterior Girder	16	0.95	1	1	3.804495
HL93_str_inv	BOBJ1	96	Before	Interior Girder 1	16	0.95	1	1	1.675506
HL93_str_inv	BOBJ1	96	Before	Interior Girder 2	16	0.95	1	1	1.734396
HL93_str_inv	BOBJ1	96	Before	Interior Girder 3	16	0.95	1	1	1.840605
HL93_str_inv	BOBJ1	96	Before	Interior Girder 4	16	0.95	1	1	1.839547
HL93_str_inv	BOBJ1	96	Before	Interior Girder 5	16	0.95	1	1	1.732292
HL93_str_inv	BOBJ1	96	Before	Interior Girder 6	16	0.95	1	1	1.676044
HL93_str_inv	BOBJ1	96	Before	Right Exterior Girder	16	0.95	1	1	3.809802
HL93_str_inv	BOBJ1	96	After	Left Exterior Girder	16	0.95	1	1	1.848078
HL93_str_inv	BOBJ1	96	After	Interior Girder 1	16	0.95	1	1	1.985042
HL93_str_inv	BOBJ1	96	After	Interior Girder 2	16	0.95	1	1	2.029328
HL93_str_inv	BOBJ1	96	After	Interior Girder 3	16	0.95	1	1	2.119752
HL93_str_inv	BOBJ1	96	After	Interior Girder 4	16	0.95	1	1	2.118488
HL93_str_inv	BOBJ1	96	After	Interior Girder 5	16	0.95	1	1	2.026451
HL93_str_inv	BOBJ1	96	After	Interior Girder 6	16	0.95	1	1	1.985707
HL93_str_inv	BOBJ1	96	After	Right Exterior Girder	16	0.95	1	1	1.850697
HL93_str_inv	BOBJ1	104	Before	Left Exterior Girder	24	0.95	1	1	1.960474
HL93_str_inv	BOBJ1	104	Before	Interior Girder 1	24	0.95	1	1	1.656764
HL93_str_inv	BOBJ1	104	Before	Interior Girder 2	24	0.95	1	1	1.591143
HL93_str_inv	BOBJ1	104	Before	Interior Girder 3	24	0.95	1	1	1.577276
HL93_str_inv	BOBJ1	104	Before	Interior Girder 4	24	0.95	1	1	1.585021
HL93_str_inv	BOBJ1	104	Before	Interior Girder 5	24	0.95	1	1	1.587096
HL93_str_inv	BOBJ1	104	Before	Interior Girder 6	24	0.95	1	1	1.661325
HL93_str_inv	BOBJ1	104	Before	Right Exterior Girder	24	0.95	1	1	1.963602
HL93_str_inv	BOBJ1	104	After	Left Exterior Girder	24	0.95	1	1	2.017187
HL93_str_inv	BOBJ1	104	After	Interior Girder 1	24	0.95	1	1	1.626535
HL93_str_inv	BOBJ1	104	After	Interior Girder 2	24	0.95	1	1	1.588741
HL93_str_inv	BOBJ1	104	After	Interior Girder 3	24	0.95	1	1	1.603004
HL93_str_inv	BOBJ1	104	After	Interior Girder 4	24	0.95	1	1	1.61302
HL93_str_inv	BOBJ1	104	After	Interior Girder 5	24	0.95	1	1	1.586501
HL93_str_inv	BOBJ1	104	After	Interior Girder 6	24	0.95	1	1	1.630832
HL93_str_inv	BOBJ1	104	After	Right Exterior Girder	24	0.95	1	1	2.019675
HL93_str_inv	BOBJ1	112	Before	Left Exterior Girder	32	0.95	1	1	1.256699

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelINonCompStrgth-Flx - Approach, Span 4-6									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
HL93_str_inv	BOBJ1	112	Before	Interior Girder 1	32	0.95	1	1	1.232768
HL93_str_inv	BOBJ1	112	Before	Interior Girder 2	32	0.95	1	1	1.235474
HL93_str_inv	BOBJ1	112	Before	Interior Girder 3	32	0.95	1	1	1.240694
HL93_str_inv	BOBJ1	112	Before	Interior Girder 4	32	0.95	1	1	1.24139
HL93_str_inv	BOBJ1	112	Before	Interior Girder 5	32	0.95	1	1	1.236603
HL93_str_inv	BOBJ1	112	Before	Interior Girder 6	32	0.95	1	1	1.232161
HL93_str_inv	BOBJ1	112	Before	Right Exterior Girder	32	0.95	1	1	1.25911
HL93_str_inv	BOBJ1	112	After	Left Exterior Girder	32	0.95	1	1	1.277649
HL93_str_inv	BOBJ1	112	After	Interior Girder 1	32	0.95	1	1	1.219234
HL93_str_inv	BOBJ1	112	After	Interior Girder 2	32	0.95	1	1	1.231455
HL93_str_inv	BOBJ1	112	After	Interior Girder 3	32	0.95	1	1	1.243257
HL93_str_inv	BOBJ1	112	After	Interior Girder 4	32	0.95	1	1	1.243732
HL93_str_inv	BOBJ1	112	After	Interior Girder 5	32	0.95	1	1	1.233069
HL93_str_inv	BOBJ1	112	After	Interior Girder 6	32	0.95	1	1	1.21868
HL93_str_inv	BOBJ1	112	After	Right Exterior Girder	32	0.95	1	1	1.279978
HL93_str_inv	BOBJ1	120	Before	Left Exterior Girder	40	0.95	1	1	1.172357
HL93_str_inv	BOBJ1	120	Before	Interior Girder 1	40	0.95	1	1	1.078343
HL93_str_inv	BOBJ1	120	Before	Interior Girder 2	40	0.95	1	1	1.08201
HL93_str_inv	BOBJ1	120	Before	Interior Girder 3	40	0.95	1	1	1.10386
HL93_str_inv	BOBJ1	120	Before	Interior Girder 4	40	0.95	1	1	1.106753
HL93_str_inv	BOBJ1	120	Before	Interior Girder 5	40	0.95	1	1	1.079417
HL93_str_inv	BOBJ1	120	Before	Interior Girder 6	40	0.95	1	1	1.080165
HL93_str_inv	BOBJ1	120	Before	Right Exterior Girder	40	0.95	1	1	1.174124
HL93_str_inv	BOBJ1	120	After	Left Exterior Girder	40	0.95	1	1	1.174122
HL93_str_inv	BOBJ1	120	After	Interior Girder 1	40	0.95	1	1	1.077302
HL93_str_inv	BOBJ1	120	After	Interior Girder 2	40	0.95	1	1	1.081795
HL93_str_inv	BOBJ1	120	After	Interior Girder 3	40	0.95	1	1	1.104024
HL93_str_inv	BOBJ1	120	After	Interior Girder 4	40	0.95	1	1	1.106798
HL93_str_inv	BOBJ1	120	After	Interior Girder 5	40	0.95	1	1	1.079175
HL93_str_inv	BOBJ1	120	After	Interior Girder 6	40	0.95	1	1	1.079126
HL93_str_inv	BOBJ1	120	After	Right Exterior Girder	40	0.95	1	1	1.175892
HL93_str_inv	BOBJ1	128	Before	Left Exterior Girder	48	0.95	1	1	1.255562
HL93_str_inv	BOBJ1	128	Before	Interior Girder 1	48	0.95	1	1	1.20886
HL93_str_inv	BOBJ1	128	Before	Interior Girder 2	48	0.95	1	1	1.22231
HL93_str_inv	BOBJ1	128	Before	Interior Girder 3	48	0.95	1	1	1.235077
HL93_str_inv	BOBJ1	128	Before	Interior Girder 4	48	0.95	1	1	1.235552
HL93_str_inv	BOBJ1	128	Before	Interior Girder 5	48	0.95	1	1	1.223867
HL93_str_inv	BOBJ1	128	Before	Interior Girder 6	48	0.95	1	1	1.208315
HL93_str_inv	BOBJ1	128	Before	Right Exterior Girder	48	0.95	1	1	1.257847
HL93_str_inv	BOBJ1	128	After	Left Exterior Girder	48	0.95	1	1	1.237937
HL93_str_inv	BOBJ1	128	After	Interior Girder 1	48	0.95	1	1	1.219368
HL93_str_inv	BOBJ1	128	After	Interior Girder 2	48	0.95	1	1	1.226103
HL93_str_inv	BOBJ1	128	After	Interior Girder 3	48	0.95	1	1	1.23308
HL93_str_inv	BOBJ1	128	After	Interior Girder 4	48	0.95	1	1	1.233729
HL93_str_inv	BOBJ1	128	After	Interior Girder 5	48	0.95	1	1	1.227161
HL93_str_inv	BOBJ1	128	After	Interior Girder 6	48	0.95	1	1	1.218777
HL93_str_inv	BOBJ1	128	After	Right Exterior Girder	48	0.95	1	1	1.240302
HL93_str_inv	BOBJ1	136	Before	Left Exterior Girder	56	0.95	1	1	1.938555
HL93_str_inv	BOBJ1	136	Before	Interior Girder 1	56	0.95	1	1	1.596693
HL93_str_inv	BOBJ1	136	Before	Interior Girder 2	56	0.95	1	1	1.565728
HL93_str_inv	BOBJ1	136	Before	Interior Girder 3	56	0.95	1	1	1.582019
HL93_str_inv	BOBJ1	136	Before	Interior Girder 4	56	0.95	1	1	1.591774
HL93_str_inv	BOBJ1	136	Before	Interior Girder 5	56	0.95	1	1	1.563448
HL93_str_inv	BOBJ1	136	Before	Interior Girder 6	56	0.95	1	1	1.60083
HL93_str_inv	BOBJ1	136	Before	Right Exterior Girder	56	0.95	1	1	1.940985
HL93_str_inv	BOBJ1	136	After	Left Exterior Girder	56	0.95	1	1	1.887965
HL93_str_inv	BOBJ1	136	After	Interior Girder 1	56	0.95	1	1	1.623423
HL93_str_inv	BOBJ1	136	After	Interior Girder 2	56	0.95	1	1	1.568232
HL93_str_inv	BOBJ1	136	After	Interior Girder 3	56	0.95	1	1	1.558185
HL93_str_inv	BOBJ1	136	After	Interior Girder 4	56	0.95	1	1	1.565458
HL93_str_inv	BOBJ1	136	After	Interior Girder 5	56	0.95	1	1	1.564112
HL93_str_inv	BOBJ1	136	After	Interior Girder 6	56	0.95	1	1	1.627809
HL93_str_inv	BOBJ1	136	After	Right Exterior Girder	56	0.95	1	1	1.890979
HL93_str_inv	BOBJ1	144	Before	Left Exterior Girder	64	0.95	1	1	1.836373
HL93_str_inv	BOBJ1	144	Before	Interior Girder 1	64	0.95	1	1	1.957346

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelINonCompStrgth-Flx - Approach, Span 4-6									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
HL93_str_inv	BOBJ1	144	Before	Interior Girder 2	64	0.95	1	1	2.015956
HL93_str_inv	BOBJ1	144	Before	Interior Girder 3	64	0.95	1	1	2.123342
HL93_str_inv	BOBJ1	144	Before	Interior Girder 4	64	0.95	1	1	2.12215
HL93_str_inv	BOBJ1	144	Before	Interior Girder 5	64	0.95	1	1	2.013315
HL93_str_inv	BOBJ1	144	Before	Interior Girder 6	64	0.95	1	1	1.957915
HL93_str_inv	BOBJ1	144	Before	Right Exterior Girder	64	0.95	1	1	1.838795
HL93_str_inv	BOBJ1	144	After	Left Exterior Girder	64	0.95	1	1	3.47792
HL93_str_inv	BOBJ1	144	After	Interior Girder 1	64	0.95	1	1	1.649968
HL93_str_inv	BOBJ1	144	After	Interior Girder 2	64	0.95	1	1	1.723115
HL93_str_inv	BOBJ1	144	After	Interior Girder 3	64	0.95	1	1	1.843848
HL93_str_inv	BOBJ1	144	After	Interior Girder 4	64	0.95	1	1	1.842821
HL93_str_inv	BOBJ1	144	After	Interior Girder 5	64	0.95	1	1	1.72114
HL93_str_inv	BOBJ1	144	After	Interior Girder 6	64	0.95	1	1	1.650439
HL93_str_inv	BOBJ1	144	After	Right Exterior Girder	64	0.95	1	1	3.482463
HL93_str_inv	BOBJ1	150	Before	Interior Girder 1	70	0.95	1	1	1.079154
HL93_str_inv	BOBJ1	150	Before	Interior Girder 2	70	0.95	1	1	1.123402
HL93_str_inv	BOBJ1	150	Before	Interior Girder 3	70	0.95	1	1	1.098152
HL93_str_inv	BOBJ1	150	Before	Interior Girder 4	70	0.95	1	1	1.097484
HL93_str_inv	BOBJ1	150	Before	Interior Girder 5	70	0.95	1	1	1.121855
HL93_str_inv	BOBJ1	150	Before	Interior Girder 6	70	0.95	1	1	1.080195
HL93_str_inv	BOBJ1	150	After	Interior Girder 1	70	0.95	1	1	2.553206
HL93_str_inv	BOBJ1	150	After	Interior Girder 2	70	0.95	1	1	2.575031
HL93_str_inv	BOBJ1	150	After	Interior Girder 3	70	0.95	1	1	2.554609
HL93_str_inv	BOBJ1	150	After	Interior Girder 4	70	0.95	1	1	2.552828
HL93_str_inv	BOBJ1	150	After	Interior Girder 5	70	0.95	1	1	2.571244
HL93_str_inv	BOBJ1	150	After	Interior Girder 6	70	0.95	1	1	2.555528
HL93_str_inv	BOBJ1	152	Before	Left Exterior Girder	72	0.95	1	1	2.152928
HL93_str_inv	BOBJ1	152	Before	Interior Girder 1	72	0.95	1	1	2.279557
HL93_str_inv	BOBJ1	152	Before	Interior Girder 2	72	0.95	1	1	2.298293
HL93_str_inv	BOBJ1	152	Before	Interior Girder 3	72	0.95	1	1	2.224509
HL93_str_inv	BOBJ1	152	Before	Interior Girder 4	72	0.95	1	1	2.223042
HL93_str_inv	BOBJ1	152	Before	Interior Girder 5	72	0.95	1	1	2.295113
HL93_str_inv	BOBJ1	152	Before	Interior Girder 6	72	0.95	1	1	2.282114
HL93_str_inv	BOBJ1	152	Before	Right Exterior Girder	72	0.95	1	1	2.157687
HL93_str_inv	BOBJ1	152	After	Left Exterior Girder	72	0.95	1	1	2.175614
HL93_str_inv	BOBJ1	152	After	Interior Girder 1	72	0.95	1	1	2.256616
HL93_str_inv	BOBJ1	152	After	Interior Girder 2	72	0.95	1	1	2.278405
HL93_str_inv	BOBJ1	152	After	Interior Girder 3	72	0.95	1	1	2.220311
HL93_str_inv	BOBJ1	152	After	Interior Girder 4	72	0.95	1	1	2.219051
HL93_str_inv	BOBJ1	152	After	Interior Girder 5	72	0.95	1	1	2.275276
HL93_str_inv	BOBJ1	152	After	Interior Girder 6	72	0.95	1	1	2.259495
HL93_str_inv	BOBJ1	152	After	Right Exterior Girder	72	0.95	1	1	2.180313
HL93_str_inv	BOBJ1	154	Before	Left Exterior Girder	74	0.95	1	1	1.839673
HL93_str_inv	BOBJ1	154	Before	Right Exterior Girder	74	0.95	1	1	1.843728
HL93_str_inv	BOBJ1	154	After	Left Exterior Girder	74	0.95	1	1	2.905629
HL93_str_inv	BOBJ1	154	After	Right Exterior Girder	74	0.95	1	1	2.91199
HL93_str_inv	BOBJ1	160	Before	Left Exterior Girder	80	0.95	1	1	1.868985
HL93_str_inv	BOBJ1	160	Before	Interior Girder 1	80	0.95	1	1	1.298732
HL93_str_inv	BOBJ1	160	Before	Interior Girder 2	80	0.95	1	1	1.302646
HL93_str_inv	BOBJ1	160	Before	Interior Girder 3	80	0.95	1	1	1.089173
HL93_str_inv	BOBJ1	160	Before	Interior Girder 4	80	0.95	1	1	1.089698
HL93_str_inv	BOBJ1	160	Before	Interior Girder 5	80	0.95	1	1	1.296984
HL93_str_inv	BOBJ1	160	Before	Interior Girder 6	80	0.95	1	1	1.301947
HL93_str_inv	BOBJ1	160	Before	Right Exterior Girder	80	0.95	1	1	1.873578
HL93_str_inv	BOBJ1	160	After	Left Exterior Girder	0	0.95	1	1	1.843257
HL93_str_inv	BOBJ1	160	After	Interior Girder 1	0	0.95	1	1	1.263104
HL93_str_inv	BOBJ1	160	After	Interior Girder 2	0	0.95	1	1	1.287039
HL93_str_inv	BOBJ1	160	After	Interior Girder 3	0	0.95	1	1	1.07436
HL93_str_inv	BOBJ1	160	After	Interior Girder 4	0	0.95	1	1	1.074622
HL93_str_inv	BOBJ1	160	After	Interior Girder 5	0	0.95	1	1	1.282802
HL93_str_inv	BOBJ1	160	After	Interior Girder 6	0	0.95	1	1	1.267003
HL93_str_inv	BOBJ1	160	After	Right Exterior Girder	0	0.95	1	1	1.847974
HL93_str_inv	BOBJ1	166	Before	Left Exterior Girder	6	0.95	1	1	3.034112
HL93_str_inv	BOBJ1	166	Before	Right Exterior Girder	6	0.95	1	1	3.041015
HL93_str_inv	BOBJ1	166	After	Left Exterior Girder	6	0.95	1	1	1.944403

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelINonCompStrgth-Flx - Approach, Span 4-6									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
HL93_str_inv	BOBJ1	166	After	Right Exterior Girder	6	0.95	1	1	1.94886
HL93_str_inv	BOBJ1	168	Before	Left Exterior Girder	8	0.95	1	1	2.33068
HL93_str_inv	BOBJ1	168	Before	Interior Girder 1	8	0.95	1	1	2.496105
HL93_str_inv	BOBJ1	168	Before	Interior Girder 2	8	0.95	1	1	2.517909
HL93_str_inv	BOBJ1	168	Before	Interior Girder 3	8	0.95	1	1	2.440862
HL93_str_inv	BOBJ1	168	Before	Interior Girder 4	8	0.95	1	1	2.439288
HL93_str_inv	BOBJ1	168	Before	Interior Girder 5	8	0.95	1	1	2.513006
HL93_str_inv	BOBJ1	168	Before	Interior Girder 6	8	0.95	1	1	2.498674
HL93_str_inv	BOBJ1	168	Before	Right Exterior Girder	8	0.95	1	1	2.335865
HL93_str_inv	BOBJ1	168	After	Left Exterior Girder	8	0.95	1	1	2.287483
HL93_str_inv	BOBJ1	168	After	Interior Girder 1	8	0.95	1	1	2.546875
HL93_str_inv	BOBJ1	168	After	Interior Girder 2	8	0.95	1	1	2.541783
HL93_str_inv	BOBJ1	168	After	Interior Girder 3	8	0.95	1	1	2.448948
HL93_str_inv	BOBJ1	168	After	Interior Girder 4	8	0.95	1	1	2.447127
HL93_str_inv	BOBJ1	168	After	Interior Girder 5	8	0.95	1	1	2.537463
HL93_str_inv	BOBJ1	168	After	Interior Girder 6	8	0.95	1	1	2.549254
HL93_str_inv	BOBJ1	168	After	Right Exterior Girder	8	0.95	1	1	2.292751
HL93_str_inv	BOBJ1	170	Before	Interior Girder 1	10	0.95	1	1	2.892387
HL93_str_inv	BOBJ1	170	Before	Interior Girder 2	10	0.95	1	1	2.880604
HL93_str_inv	BOBJ1	170	Before	Interior Girder 3	10	0.95	1	1	2.845073
HL93_str_inv	BOBJ1	170	Before	Interior Girder 4	10	0.95	1	1	2.842564
HL93_str_inv	BOBJ1	170	Before	Interior Girder 5	10	0.95	1	1	2.875369
HL93_str_inv	BOBJ1	170	Before	Interior Girder 6	10	0.95	1	1	2.89502
HL93_str_inv	BOBJ1	170	After	Interior Girder 1	10	0.95	1	1	1.351222
HL93_str_inv	BOBJ1	170	After	Interior Girder 2	10	0.95	1	1	1.385428
HL93_str_inv	BOBJ1	170	After	Interior Girder 3	10	0.95	1	1	1.34614
HL93_str_inv	BOBJ1	170	After	Interior Girder 4	10	0.95	1	1	1.344905
HL93_str_inv	BOBJ1	170	After	Interior Girder 5	10	0.95	1	1	1.38259
HL93_str_inv	BOBJ1	170	After	Interior Girder 6	10	0.95	1	1	1.352551
HL93_str_inv	BOBJ1	176	Before	Left Exterior Girder	16	0.95	1	1	3.634387
HL93_str_inv	BOBJ1	176	Before	Interior Girder 1	16	0.95	1	1	2.111964
HL93_str_inv	BOBJ1	176	Before	Interior Girder 2	16	0.95	1	1	2.081651
HL93_str_inv	BOBJ1	176	Before	Interior Girder 3	16	0.95	1	1	2.073024
HL93_str_inv	BOBJ1	176	Before	Interior Girder 4	16	0.95	1	1	2.078882
HL93_str_inv	BOBJ1	176	Before	Interior Girder 5	16	0.95	1	1	2.084112
HL93_str_inv	BOBJ1	176	Before	Interior Girder 6	16	0.95	1	1	2.112513
HL93_str_inv	BOBJ1	176	Before	Right Exterior Girder	16	0.95	1	1	3.640376
HL93_str_inv	BOBJ1	176	After	Left Exterior Girder	16	0.95	1	1	3.77154
HL93_str_inv	BOBJ1	176	After	Interior Girder 1	16	0.95	1	1	2.142396
HL93_str_inv	BOBJ1	176	After	Interior Girder 2	16	0.95	1	1	2.063678
HL93_str_inv	BOBJ1	176	After	Interior Girder 3	16	0.95	1	1	2.105451
HL93_str_inv	BOBJ1	176	After	Interior Girder 4	16	0.95	1	1	2.108836
HL93_str_inv	BOBJ1	176	After	Interior Girder 5	16	0.95	1	1	2.065984
HL93_str_inv	BOBJ1	176	After	Interior Girder 6	16	0.95	1	1	2.143003
HL93_str_inv	BOBJ1	176	After	Right Exterior Girder	16	0.95	1	1	3.777687
HL93_str_inv	BOBJ1	181	Before	Interior Girder 1	21	0.95	1	1	1.290664
HL93_str_inv	BOBJ1	181	Before	Interior Girder 2	21	0.95	1	1	1.234799
HL93_str_inv	BOBJ1	181	Before	Interior Girder 3	21	0.95	1	1	1.229943
HL93_str_inv	BOBJ1	181	Before	Interior Girder 4	21	0.95	1	1	1.234671
HL93_str_inv	BOBJ1	181	Before	Interior Girder 5	21	0.95	1	1	1.231721
HL93_str_inv	BOBJ1	181	Before	Interior Girder 6	21	0.95	1	1	1.293557
HL93_str_inv	BOBJ1	181	After	Interior Girder 1	21	0.95	1	1	2.297025
HL93_str_inv	BOBJ1	181	After	Interior Girder 2	21	0.95	1	1	2.177579
HL93_str_inv	BOBJ1	181	After	Interior Girder 3	21	0.95	1	1	2.228794
HL93_str_inv	BOBJ1	181	After	Interior Girder 4	21	0.95	1	1	2.238367
HL93_str_inv	BOBJ1	181	After	Interior Girder 5	21	0.95	1	1	2.172012
HL93_str_inv	BOBJ1	181	After	Interior Girder 6	21	0.95	1	1	2.302245
HL93_str_inv	BOBJ1	184	Before	Left Exterior Girder	24	0.95	1	1	2.151748
HL93_str_inv	BOBJ1	184	Before	Interior Girder 1	24	0.95	1	1	1.855897
HL93_str_inv	BOBJ1	184	Before	Interior Girder 2	24	0.95	1	1	1.798638
HL93_str_inv	BOBJ1	184	Before	Interior Girder 3	24	0.95	1	1	1.839925
HL93_str_inv	BOBJ1	184	Before	Interior Girder 4	24	0.95	1	1	1.844665
HL93_str_inv	BOBJ1	184	Before	Interior Girder 5	24	0.95	1	1	1.79339
HL93_str_inv	BOBJ1	184	Before	Interior Girder 6	24	0.95	1	1	1.860056
HL93_str_inv	BOBJ1	184	Before	Right Exterior Girder	24	0.95	1	1	2.154679

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelINonCompStrgth-Flx - Approach, Span 4-E									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
HL93_str_inv	BOBJ1	184	After	Left Exterior Girder	24	0.95	1	1	2.197049
HL93_str_inv	BOBJ1	184	After	Interior Girder 1	24	0.95	1	1	1.83276
HL93_str_inv	BOBJ1	184	After	Interior Girder 2	24	0.95	1	1	1.801362
HL93_str_inv	BOBJ1	184	After	Interior Girder 3	24	0.95	1	1	1.862296
HL93_str_inv	BOBJ1	184	After	Interior Girder 4	24	0.95	1	1	1.871784
HL93_str_inv	BOBJ1	184	After	Interior Girder 5	24	0.95	1	1	1.797498
HL93_str_inv	BOBJ1	184	After	Interior Girder 6	24	0.95	1	1	1.836692
HL93_str_inv	BOBJ1	184	After	Right Exterior Girder	24	0.95	1	1	2.199727
HL93_str_inv	BOBJ1	192	Before	Left Exterior Girder	32	0.95	1	1	1.389108
HL93_str_inv	BOBJ1	192	Before	Interior Girder 1	32	0.95	1	1	1.267233
HL93_str_inv	BOBJ1	192	Before	Interior Girder 2	32	0.95	1	1	1.302124
HL93_str_inv	BOBJ1	192	Before	Interior Girder 3	32	0.95	1	1	1.322894
HL93_str_inv	BOBJ1	192	Before	Interior Girder 4	32	0.95	1	1	1.323569
HL93_str_inv	BOBJ1	192	Before	Interior Girder 5	32	0.95	1	1	1.301886
HL93_str_inv	BOBJ1	192	Before	Interior Girder 6	32	0.95	1	1	1.266861
HL93_str_inv	BOBJ1	192	Before	Right Exterior Girder	32	0.95	1	1	1.391536
HL93_str_inv	BOBJ1	192	After	Left Exterior Girder	32	0.95	1	1	1.417499
HL93_str_inv	BOBJ1	192	After	Interior Girder 1	32	0.95	1	1	1.250637
HL93_str_inv	BOBJ1	192	After	Interior Girder 2	32	0.95	1	1	1.297264
HL93_str_inv	BOBJ1	192	After	Interior Girder 3	32	0.95	1	1	1.322138
HL93_str_inv	BOBJ1	192	After	Interior Girder 4	32	0.95	1	1	1.323004
HL93_str_inv	BOBJ1	192	After	Interior Girder 5	32	0.95	1	1	1.297455
HL93_str_inv	BOBJ1	192	After	Interior Girder 6	32	0.95	1	1	1.250327
HL93_str_inv	BOBJ1	192	After	Right Exterior Girder	32	0.95	1	1	1.419707
HL93_str_inv	BOBJ1	200	Before	Left Exterior Girder	40	0.95	1	1	1.169752
HL93_str_inv	BOBJ1	200	Before	Interior Girder 1	40	0.95	1	1	0.999262
HL93_str_inv	BOBJ1	200	Before	Interior Girder 2	40	0.95	1	1	1.037956
HL93_str_inv	BOBJ1	200	Before	Interior Girder 3	40	0.95	1	1	1.072645
HL93_str_inv	BOBJ1	200	Before	Interior Girder 4	40	0.95	1	1	1.07404
HL93_str_inv	BOBJ1	200	Before	Interior Girder 5	40	0.95	1	1	1.035658
HL93_str_inv	BOBJ1	200	Before	Interior Girder 6	40	0.95	1	1	1.00065
HL93_str_inv	BOBJ1	200	Before	Right Exterior Girder	40	0.95	1	1	1.171373
HL93_str_inv	BOBJ1	200	After	Left Exterior Girder	40	0.95	1	1	1.180355
HL93_str_inv	BOBJ1	200	After	Interior Girder 1	40	0.95	1	1	0.994306
HL93_str_inv	BOBJ1	200	After	Interior Girder 2	40	0.95	1	1	1.03987
HL93_str_inv	BOBJ1	200	After	Interior Girder 3	40	0.95	1	1	1.074333
HL93_str_inv	BOBJ1	200	After	Interior Girder 4	40	0.95	1	1	1.076818
HL93_str_inv	BOBJ1	200	After	Interior Girder 5	40	0.95	1	1	1.037573
HL93_str_inv	BOBJ1	200	After	Interior Girder 6	40	0.95	1	1	0.99564
HL93_str_inv	BOBJ1	200	After	Right Exterior Girder	40	0.95	1	1	1.181954
HL93_str_inv	BOBJ1	208	Before	Left Exterior Girder	48	0.95	1	1	1.093859
HL93_str_inv	BOBJ1	208	Before	Interior Girder 1	48	0.95	1	1	0.959285
HL93_str_inv	BOBJ1	208	Before	Interior Girder 2	48	0.95	1	1	1.016707
HL93_str_inv	BOBJ1	208	Before	Interior Girder 3	48	0.95	1	1	1.047889
HL93_str_inv	BOBJ1	208	Before	Interior Girder 4	48	0.95	1	1	1.04827
HL93_str_inv	BOBJ1	208	Before	Interior Girder 5	48	0.95	1	1	1.016298
HL93_str_inv	BOBJ1	208	Before	Interior Girder 6	48	0.95	1	1	0.959089
HL93_str_inv	BOBJ1	208	Before	Right Exterior Girder	48	0.95	1	1	1.095573
HL93_str_inv	BOBJ1	208	After	Left Exterior Girder	48	0.95	1	1	1.088775
HL93_str_inv	BOBJ1	208	After	Interior Girder 1	48	0.95	1	1	0.959961
HL93_str_inv	BOBJ1	208	After	Interior Girder 2	48	0.95	1	1	1.017683
HL93_str_inv	BOBJ1	208	After	Interior Girder 3	48	0.95	1	1	1.046192
HL93_str_inv	BOBJ1	208	After	Interior Girder 4	48	0.95	1	1	1.046353
HL93_str_inv	BOBJ1	208	After	Interior Girder 5	48	0.95	1	1	1.017328
HL93_str_inv	BOBJ1	208	After	Interior Girder 6	48	0.95	1	1	0.959748
HL93_str_inv	BOBJ1	208	After	Right Exterior Girder	48	0.95	1	1	1.090548
HL93_str_inv	BOBJ1	216	Before	Left Exterior Girder	56	0.95	1	1	1.287663
HL93_str_inv	BOBJ1	216	Before	Interior Girder 1	56	0.95	1	1	1.064793
HL93_str_inv	BOBJ1	216	Before	Interior Girder 2	56	0.95	1	1	1.101997
HL93_str_inv	BOBJ1	216	Before	Interior Girder 3	56	0.95	1	1	1.14755
HL93_str_inv	BOBJ1	216	Before	Interior Girder 4	56	0.95	1	1	1.150429
HL93_str_inv	BOBJ1	216	Before	Interior Girder 5	56	0.95	1	1	1.099291
HL93_str_inv	BOBJ1	216	Before	Interior Girder 6	56	0.95	1	1	1.066426
HL93_str_inv	BOBJ1	216	Before	Right Exterior Girder	56	0.95	1	1	1.28923
HL93_str_inv	BOBJ1	216	After	Left Exterior Girder	56	0.95	1	1	1.266553

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelINonCompStrgth-Flx - Approach, Span 4-E									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
HL93_str_inv	BOBJ1	216	After	Interior Girder 1	56	0.95	1	1	1.074836
HL93_str_inv	BOBJ1	216	After	Interior Girder 2	56	0.95	1	1	1.102103
HL93_str_inv	BOBJ1	216	After	Interior Girder 3	56	0.95	1	1	1.14266
HL93_str_inv	BOBJ1	216	After	Interior Girder 4	56	0.95	1	1	1.143751
HL93_str_inv	BOBJ1	216	After	Interior Girder 5	56	0.95	1	1	1.099344
HL93_str_inv	BOBJ1	216	After	Interior Girder 6	56	0.95	1	1	1.076568
HL93_str_inv	BOBJ1	216	After	Right Exterior Girder	56	0.95	1	1	1.268343
HL93_str_inv	BOBJ1	224	Before	Left Exterior Girder	64	0.95	1	1	1.749066
HL93_str_inv	BOBJ1	224	Before	Interior Girder 1	64	0.95	1	1	1.498517
HL93_str_inv	BOBJ1	224	Before	Interior Girder 2	64	0.95	1	1	1.521077
HL93_str_inv	BOBJ1	224	Before	Interior Girder 3	64	0.95	1	1	1.561129
HL93_str_inv	BOBJ1	224	Before	Interior Girder 4	64	0.95	1	1	1.561988
HL93_str_inv	BOBJ1	224	Before	Interior Girder 5	64	0.95	1	1	1.521687
HL93_str_inv	BOBJ1	224	Before	Interior Girder 6	64	0.95	1	1	1.498336
HL93_str_inv	BOBJ1	224	Before	Right Exterior Girder	64	0.95	1	1	1.751749
HL93_str_inv	BOBJ1	224	After	Left Exterior Girder	64	0.95	1	1	1.699931
HL93_str_inv	BOBJ1	224	After	Interior Girder 1	64	0.95	1	1	1.529911
HL93_str_inv	BOBJ1	224	After	Interior Girder 2	64	0.95	1	1	1.520118
HL93_str_inv	BOBJ1	224	After	Interior Girder 3	64	0.95	1	1	1.549209
HL93_str_inv	BOBJ1	224	After	Interior Girder 4	64	0.95	1	1	1.549234
HL93_str_inv	BOBJ1	224	After	Interior Girder 5	64	0.95	1	1	1.519176
HL93_str_inv	BOBJ1	224	After	Interior Girder 6	64	0.95	1	1	1.529821
HL93_str_inv	BOBJ1	224	After	Right Exterior Girder	64	0.95	1	1	1.702833
HL93_str_inv	BOBJ1	232	Before	Left Exterior Girder	72	0.95	1	1	3.668213
HL93_str_inv	BOBJ1	232	Before	Interior Girder 1	72	0.95	1	1	2.819768
HL93_str_inv	BOBJ1	232	Before	Interior Girder 2	72	0.95	1	1	2.720763
HL93_str_inv	BOBJ1	232	Before	Interior Girder 3	72	0.95	1	1	2.804634
HL93_str_inv	BOBJ1	232	Before	Interior Girder 4	72	0.95	1	1	2.825047
HL93_str_inv	BOBJ1	232	Before	Interior Girder 5	72	0.95	1	1	2.72108
HL93_str_inv	BOBJ1	232	Before	Interior Girder 6	72	0.95	1	1	2.82715
HL93_str_inv	BOBJ1	232	Before	Right Exterior Girder	72	0.95	1	1	3.672529
HL93_str_inv	BOBJ1	232	After	Left Exterior Girder	72	0.95	1	1	3.619266
HL93_str_inv	BOBJ1	232	After	Interior Girder 1	72	0.95	1	1	2.824157
HL93_str_inv	BOBJ1	232	After	Interior Girder 2	72	0.95	1	1	2.690259
HL93_str_inv	BOBJ1	232	After	Interior Girder 3	72	0.95	1	1	2.678177
HL93_str_inv	BOBJ1	232	After	Interior Girder 4	72	0.95	1	1	2.690736
HL93_str_inv	BOBJ1	232	After	Interior Girder 5	72	0.95	1	1	2.682953
HL93_str_inv	BOBJ1	232	After	Interior Girder 6	72	0.95	1	1	2.834044
HL93_str_inv	BOBJ1	232	After	Right Exterior Girder	72	0.95	1	1	3.624385
HL93_str_inv	BOBJ1	240	Before	Left Exterior Girder	80	0.95	1	1	35.882785
HL93_str_inv	BOBJ1	240	Before	Interior Girder 1	80	0.95	1	1	21.33708
HL93_str_inv	BOBJ1	240	Before	Interior Girder 2	80	0.95	1	1	18.159478
HL93_str_inv	BOBJ1	240	Before	Interior Girder 3	80	0.95	1	1	12.347833
HL93_str_inv	BOBJ1	240	Before	Interior Girder 4	80	0.95	1	1	12.416192
HL93_str_inv	BOBJ1	240	Before	Interior Girder 5	80	0.95	1	1	17.75904
HL93_str_inv	BOBJ1	240	Before	Interior Girder 6	80	0.95	1	1	21.395428
HL93_str_inv	BOBJ1	240	Before	Right Exterior Girder	80	0.95	1	1	35.94382
HS20_str_opr	BOBJ1	0	After	Left Exterior Girder	0	0.95	1	1	420.947743
HS20_str_opr	BOBJ1	0	After	Interior Girder 1	0	0.95	1	1	335.518589
HS20_str_opr	BOBJ1	0	After	Interior Girder 2	0	0.95	1	1	340.865546
HS20_str_opr	BOBJ1	0	After	Interior Girder 3	0	0.95	1	1	217.441585
HS20_str_opr	BOBJ1	0	After	Interior Girder 4	0	0.95	1	1	219.194324
HS20_str_opr	BOBJ1	0	After	Interior Girder 5	0	0.95	1	1	336.318887
HS20_str_opr	BOBJ1	0	After	Interior Girder 6	0	0.95	1	1	321.988811
HS20_str_opr	BOBJ1	0	After	Right Exterior Girder	0	0.95	1	1	421.370818
HS20_str_opr	BOBJ1	8	Before	Left Exterior Girder	8	0.95	1	1	6.034238
HS20_str_opr	BOBJ1	8	Before	Interior Girder 1	8	0.95	1	1	4.703982
HS20_str_opr	BOBJ1	8	Before	Interior Girder 2	8	0.95	1	1	4.460217
HS20_str_opr	BOBJ1	8	Before	Interior Girder 3	8	0.95	1	1	4.142163
HS20_str_opr	BOBJ1	8	Before	Interior Girder 4	8	0.95	1	1	4.165512
HS20_str_opr	BOBJ1	8	Before	Interior Girder 5	8	0.95	1	1	4.445435
HS20_str_opr	BOBJ1	8	Before	Interior Girder 6	8	0.95	1	1	4.721942
HS20_str_opr	BOBJ1	8	Before	Right Exterior Girder	8	0.95	1	1	6.042074
HS20_str_opr	BOBJ1	8	After	Left Exterior Girder	8	0.95	1	1	6.133131
HS20_str_opr	BOBJ1	8	After	Interior Girder 1	8	0.95	1	1	4.682425

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelINonCompStrgth-Flx - Approach, Span 4-E									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
HS20_str_opr	BOBJ1	8	After	Interior Girder 2	8	0.95	1	1	4.551446
HS20_str_opr	BOBJ1	8	After	Interior Girder 3	8	0.95	1	1	4.324576
HS20_str_opr	BOBJ1	8	After	Interior Girder 4	8	0.95	1	1	4.347178
HS20_str_opr	BOBJ1	8	After	Interior Girder 5	8	0.95	1	1	4.537786
HS20_str_opr	BOBJ1	8	After	Interior Girder 6	8	0.95	1	1	4.69843
HS20_str_opr	BOBJ1	8	After	Right Exterior Girder	8	0.95	1	1	6.139829
HS20_str_opr	BOBJ1	16	Before	Left Exterior Girder	16	0.95	1	1	2.809719
HS20_str_opr	BOBJ1	16	Before	Interior Girder 1	16	0.95	1	1	2.800895
HS20_str_opr	BOBJ1	16	Before	Interior Girder 2	16	0.95	1	1	2.705739
HS20_str_opr	BOBJ1	16	Before	Interior Girder 3	16	0.95	1	1	2.698251
HS20_str_opr	BOBJ1	16	Before	Interior Girder 4	16	0.95	1	1	2.696851
HS20_str_opr	BOBJ1	16	Before	Interior Girder 5	16	0.95	1	1	2.705438
HS20_str_opr	BOBJ1	16	Before	Interior Girder 6	16	0.95	1	1	2.800597
HS20_str_opr	BOBJ1	16	Before	Right Exterior Girder	16	0.95	1	1	2.813288
HS20_str_opr	BOBJ1	16	After	Left Exterior Girder	16	0.95	1	1	2.880201
HS20_str_opr	BOBJ1	16	After	Interior Girder 1	16	0.95	1	1	2.760672
HS20_str_opr	BOBJ1	16	After	Interior Girder 2	16	0.95	1	1	2.714206
HS20_str_opr	BOBJ1	16	After	Interior Girder 3	16	0.95	1	1	2.740319
HS20_str_opr	BOBJ1	16	After	Interior Girder 4	16	0.95	1	1	2.741703
HS20_str_opr	BOBJ1	16	After	Interior Girder 5	16	0.95	1	1	2.715924
HS20_str_opr	BOBJ1	16	After	Interior Girder 6	16	0.95	1	1	2.760454
HS20_str_opr	BOBJ1	16	After	Right Exterior Girder	16	0.95	1	1	2.883628
HS20_str_opr	BOBJ1	20.5	Before	Left Exterior Girder	20.5	0.95	1	1	2.360661
HS20_str_opr	BOBJ1	20.5	Before	Right Exterior Girder	20.5	0.95	1	1	2.363274
HS20_str_opr	BOBJ1	20.5	After	Left Exterior Girder	20.5	0.95	1	1	3.502682
HS20_str_opr	BOBJ1	20.5	After	Right Exterior Girder	20.5	0.95	1	1	3.506441
HS20_str_opr	BOBJ1	24	Before	Left Exterior Girder	24	0.95	1	1	3.112005
HS20_str_opr	BOBJ1	24	Before	Interior Girder 1	24	0.95	1	1	2.020853
HS20_str_opr	BOBJ1	24	Before	Interior Girder 2	24	0.95	1	1	2.025531
HS20_str_opr	BOBJ1	24	Before	Interior Girder 3	24	0.95	1	1	2.04919
HS20_str_opr	BOBJ1	24	Before	Interior Girder 4	24	0.95	1	1	2.053214
HS20_str_opr	BOBJ1	24	Before	Interior Girder 5	24	0.95	1	1	2.021605
HS20_str_opr	BOBJ1	24	Before	Interior Girder 6	24	0.95	1	1	2.02437
HS20_str_opr	BOBJ1	24	Before	Right Exterior Girder	24	0.95	1	1	3.114657
HS20_str_opr	BOBJ1	24	After	Left Exterior Girder	24	0.95	1	1	3.105691
HS20_str_opr	BOBJ1	24	After	Interior Girder 1	24	0.95	1	1	2.03815
HS20_str_opr	BOBJ1	24	After	Interior Girder 2	24	0.95	1	1	2.027775
HS20_str_opr	BOBJ1	24	After	Interior Girder 3	24	0.95	1	1	2.067747
HS20_str_opr	BOBJ1	24	After	Interior Girder 4	24	0.95	1	1	2.075331
HS20_str_opr	BOBJ1	24	After	Interior Girder 5	24	0.95	1	1	2.023728
HS20_str_opr	BOBJ1	24	After	Interior Girder 6	24	0.95	1	1	2.041543
HS20_str_opr	BOBJ1	24	After	Right Exterior Girder	24	0.95	1	1	3.108218
HS20_str_opr	BOBJ1	32	Before	Left Exterior Girder	32	0.95	1	1	2.661149
HS20_str_opr	BOBJ1	32	Before	Interior Girder 1	32	0.95	1	1	1.901979
HS20_str_opr	BOBJ1	32	Before	Interior Girder 2	32	0.95	1	1	1.917797
HS20_str_opr	BOBJ1	32	Before	Interior Girder 3	32	0.95	1	1	1.946599
HS20_str_opr	BOBJ1	32	Before	Interior Girder 4	32	0.95	1	1	1.947459
HS20_str_opr	BOBJ1	32	Before	Interior Girder 5	32	0.95	1	1	1.91718
HS20_str_opr	BOBJ1	32	Before	Interior Girder 6	32	0.95	1	1	1.901848
HS20_str_opr	BOBJ1	32	Before	Right Exterior Girder	32	0.95	1	1	2.664093
HS20_str_opr	BOBJ1	32	After	Left Exterior Girder	32	0.95	1	1	2.669509
HS20_str_opr	BOBJ1	32	After	Interior Girder 1	32	0.95	1	1	1.903933
HS20_str_opr	BOBJ1	32	After	Interior Girder 2	32	0.95	1	1	1.914751
HS20_str_opr	BOBJ1	32	After	Interior Girder 3	32	0.95	1	1	1.947444
HS20_str_opr	BOBJ1	32	After	Interior Girder 4	32	0.95	1	1	1.948798
HS20_str_opr	BOBJ1	32	After	Interior Girder 5	32	0.95	1	1	1.914546
HS20_str_opr	BOBJ1	32	After	Interior Girder 6	32	0.95	1	1	1.903821
HS20_str_opr	BOBJ1	32	After	Right Exterior Girder	32	0.95	1	1	2.672392
HS20_str_opr	BOBJ1	40	Before	Left Exterior Girder	40	0.95	1	1	2.888514
HS20_str_opr	BOBJ1	40	Before	Interior Girder 1	40	0.95	1	1	1.940718
HS20_str_opr	BOBJ1	40	Before	Interior Girder 2	40	0.95	1	1	1.95734
HS20_str_opr	BOBJ1	40	Before	Interior Girder 3	40	0.95	1	1	2.002844
HS20_str_opr	BOBJ1	40	Before	Interior Girder 4	40	0.95	1	1	2.009248
HS20_str_opr	BOBJ1	40	Before	Interior Girder 5	40	0.95	1	1	1.954471
HS20_str_opr	BOBJ1	40	Before	Interior Girder 6	40	0.95	1	1	1.943219

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelINonCompStrgth-Flx - Approach, Span 4-E									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
HS20_str_opr	BOBJ1	40	Before	Right Exterior Girder	40	0.95	1	1	2.89099
HS20_str_opr	BOBJ1	40	After	Left Exterior Girder	40	0.95	1	1	2.881646
HS20_str_opr	BOBJ1	40	After	Interior Girder 1	40	0.95	1	1	1.944503
HS20_str_opr	BOBJ1	40	After	Interior Girder 2	40	0.95	1	1	1.946429
HS20_str_opr	BOBJ1	40	After	Interior Girder 3	40	0.95	1	1	1.992425
HS20_str_opr	BOBJ1	40	After	Interior Girder 4	40	0.95	1	1	1.996394
HS20_str_opr	BOBJ1	40	After	Interior Girder 5	40	0.95	1	1	1.942971
HS20_str_opr	BOBJ1	40	After	Interior Girder 6	40	0.95	1	1	1.947156
HS20_str_opr	BOBJ1	40	After	Right Exterior Girder	40	0.95	1	1	2.884181
HS20_str_opr	BOBJ1	46.5	Before	Left Exterior Girder	46.5	0.95	1	1	3.307608
HS20_str_opr	BOBJ1	46.5	Before	Right Exterior Girder	46.5	0.95	1	1	3.310733
HS20_str_opr	BOBJ1	46.5	After	Left Exterior Girder	46.5	0.95	1	1	2.275899
HS20_str_opr	BOBJ1	46.5	After	Right Exterior Girder	46.5	0.95	1	1	2.278159
HS20_str_opr	BOBJ1	48	Before	Left Exterior Girder	48	0.95	1	1	2.409255
HS20_str_opr	BOBJ1	48	Before	Interior Girder 1	48	0.95	1	1	2.390471
HS20_str_opr	BOBJ1	48	Before	Interior Girder 2	48	0.95	1	1	2.428606
HS20_str_opr	BOBJ1	48	Before	Interior Girder 3	48	0.95	1	1	2.456057
HS20_str_opr	BOBJ1	48	Before	Interior Girder 4	48	0.95	1	1	2.459046
HS20_str_opr	BOBJ1	48	Before	Interior Girder 5	48	0.95	1	1	2.430225
HS20_str_opr	BOBJ1	48	Before	Interior Girder 6	48	0.95	1	1	2.390312
HS20_str_opr	BOBJ1	48	Before	Right Exterior Girder	48	0.95	1	1	2.411687
HS20_str_opr	BOBJ1	48	After	Left Exterior Girder	48	0.95	1	1	2.366005
HS20_str_opr	BOBJ1	48	After	Interior Girder 1	48	0.95	1	1	2.421653
HS20_str_opr	BOBJ1	48	After	Interior Girder 2	48	0.95	1	1	2.431148
HS20_str_opr	BOBJ1	48	After	Interior Girder 3	48	0.95	1	1	2.451267
HS20_str_opr	BOBJ1	48	After	Interior Girder 4	48	0.95	1	1	2.45356
HS20_str_opr	BOBJ1	48	After	Interior Girder 5	48	0.95	1	1	2.430455
HS20_str_opr	BOBJ1	48	After	Interior Girder 6	48	0.95	1	1	2.421475
HS20_str_opr	BOBJ1	48	After	Right Exterior Girder	48	0.95	1	1	2.368734
HS20_str_opr	BOBJ1	56	Before	Left Exterior Girder	56	0.95	1	1	3.778525
HS20_str_opr	BOBJ1	56	Before	Interior Girder 1	56	0.95	1	1	3.363507
HS20_str_opr	BOBJ1	56	Before	Interior Girder 2	56	0.95	1	1	3.281412
HS20_str_opr	BOBJ1	56	Before	Interior Girder 3	56	0.95	1	1	3.318944
HS20_str_opr	BOBJ1	56	Before	Interior Girder 4	56	0.95	1	1	3.340789
HS20_str_opr	BOBJ1	56	Before	Interior Girder 5	56	0.95	1	1	3.277464
HS20_str_opr	BOBJ1	56	Before	Interior Girder 6	56	0.95	1	1	3.36985
HS20_str_opr	BOBJ1	56	Before	Right Exterior Girder	56	0.95	1	1	3.781273
HS20_str_opr	BOBJ1	56	After	Left Exterior Girder	56	0.95	1	1	3.699059
HS20_str_opr	BOBJ1	56	After	Interior Girder 1	56	0.95	1	1	3.41177
HS20_str_opr	BOBJ1	56	After	Interior Girder 2	56	0.95	1	1	3.269873
HS20_str_opr	BOBJ1	56	After	Interior Girder 3	56	0.95	1	1	3.27605
HS20_str_opr	BOBJ1	56	After	Interior Girder 4	56	0.95	1	1	3.286869
HS20_str_opr	BOBJ1	56	After	Interior Girder 5	56	0.95	1	1	3.262685
HS20_str_opr	BOBJ1	56	After	Interior Girder 6	56	0.95	1	1	3.418601
HS20_str_opr	BOBJ1	56	After	Right Exterior Girder	56	0.95	1	1	3.701964
HS20_str_opr	BOBJ1	59	Before	Interior Girder 1	59	0.95	1	1	4.16452
HS20_str_opr	BOBJ1	59	Before	Interior Girder 2	59	0.95	1	1	3.921051
HS20_str_opr	BOBJ1	59	Before	Interior Girder 3	59	0.95	1	1	3.929524
HS20_str_opr	BOBJ1	59	Before	Interior Girder 4	59	0.95	1	1	3.951992
HS20_str_opr	BOBJ1	59	Before	Interior Girder 5	59	0.95	1	1	3.914311
HS20_str_opr	BOBJ1	59	Before	Interior Girder 6	59	0.95	1	1	4.172737
HS20_str_opr	BOBJ1	59	After	Interior Girder 1	59	0.95	1	1	2.118829
HS20_str_opr	BOBJ1	59	After	Interior Girder 2	59	0.95	1	1	2.017882
HS20_str_opr	BOBJ1	59	After	Interior Girder 3	59	0.95	1	1	1.964968
HS20_str_opr	BOBJ1	59	After	Interior Girder 4	59	0.95	1	1	1.974915
HS20_str_opr	BOBJ1	59	After	Interior Girder 5	59	0.95	1	1	2.014584
HS20_str_opr	BOBJ1	59	After	Interior Girder 6	59	0.95	1	1	2.123006
HS20_str_opr	BOBJ1	64	Before	Left Exterior Girder	64	0.95	1	1	6.418855
HS20_str_opr	BOBJ1	64	Before	Interior Girder 1	64	0.95	1	1	3.564782
HS20_str_opr	BOBJ1	64	Before	Interior Girder 2	64	0.95	1	1	3.334088
HS20_str_opr	BOBJ1	64	Before	Interior Girder 3	64	0.95	1	1	3.339204
HS20_str_opr	BOBJ1	64	Before	Interior Girder 4	64	0.95	1	1	3.349544
HS20_str_opr	BOBJ1	64	Before	Interior Girder 5	64	0.95	1	1	3.34084
HS20_str_opr	BOBJ1	64	Before	Interior Girder 6	64	0.95	1	1	3.565211
HS20_str_opr	BOBJ1	64	Before	Right Exterior Girder	64	0.95	1	1	6.424296

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelINonCompStrgth-Flx - Approach, Span 4-E									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
HS20_str_opr	BOBJ1	64	After	Left Exterior Girder	64	0.95	1	1	6.170615
HS20_str_opr	BOBJ1	64	After	Interior Girder 1	64	0.95	1	1	3.528404
HS20_str_opr	BOBJ1	64	After	Interior Girder 2	64	0.95	1	1	3.362126
HS20_str_opr	BOBJ1	64	After	Interior Girder 3	64	0.95	1	1	3.296503
HS20_str_opr	BOBJ1	64	After	Interior Girder 4	64	0.95	1	1	3.310471
HS20_str_opr	BOBJ1	64	After	Interior Girder 5	64	0.95	1	1	3.369627
HS20_str_opr	BOBJ1	64	After	Interior Girder 6	64	0.95	1	1	3.528721
HS20_str_opr	BOBJ1	64	After	Right Exterior Girder	64	0.95	1	1	6.1763
HS20_str_opr	BOBJ1	69	Before	Interior Girder 1	69	0.95	1	1	2.546432
HS20_str_opr	BOBJ1	69	Before	Interior Girder 2	69	0.95	1	1	2.633183
HS20_str_opr	BOBJ1	69	Before	Interior Girder 3	69	0.95	1	1	2.569717
HS20_str_opr	BOBJ1	69	Before	Interior Girder 4	69	0.95	1	1	2.568455
HS20_str_opr	BOBJ1	69	Before	Interior Girder 5	69	0.95	1	1	2.631143
HS20_str_opr	BOBJ1	69	Before	Interior Girder 6	69	0.95	1	1	2.547089
HS20_str_opr	BOBJ1	69	After	Interior Girder 1	69	0.95	1	1	5.561824
HS20_str_opr	BOBJ1	69	After	Interior Girder 2	69	0.95	1	1	5.65055
HS20_str_opr	BOBJ1	69	After	Interior Girder 3	69	0.95	1	1	5.57694
HS20_str_opr	BOBJ1	69	After	Interior Girder 4	69	0.95	1	1	5.57397
HS20_str_opr	BOBJ1	69	After	Interior Girder 5	69	0.95	1	1	5.646416
HS20_str_opr	BOBJ1	69	After	Interior Girder 6	69	0.95	1	1	5.562994
HS20_str_opr	BOBJ1	72	Before	Left Exterior Girder	72	0.95	1	1	4.271824
HS20_str_opr	BOBJ1	72	Before	Interior Girder 1	72	0.95	1	1	4.862179
HS20_str_opr	BOBJ1	72	Before	Interior Girder 2	72	0.95	1	1	4.920276
HS20_str_opr	BOBJ1	72	Before	Interior Girder 3	72	0.95	1	1	4.704479
HS20_str_opr	BOBJ1	72	Before	Interior Girder 4	72	0.95	1	1	4.702085
HS20_str_opr	BOBJ1	72	Before	Interior Girder 5	72	0.95	1	1	4.916091
HS20_str_opr	BOBJ1	72	Before	Interior Girder 6	72	0.95	1	1	4.863723
HS20_str_opr	BOBJ1	72	Before	Right Exterior Girder	72	0.95	1	1	4.275963
HS20_str_opr	BOBJ1	72	After	Left Exterior Girder	72	0.95	1	1	4.304799
HS20_str_opr	BOBJ1	72	After	Interior Girder 1	72	0.95	1	1	4.791106
HS20_str_opr	BOBJ1	72	After	Interior Girder 2	72	0.95	1	1	4.858092
HS20_str_opr	BOBJ1	72	After	Interior Girder 3	72	0.95	1	1	4.667361
HS20_str_opr	BOBJ1	72	After	Interior Girder 4	72	0.95	1	1	4.66519
HS20_str_opr	BOBJ1	72	After	Interior Girder 5	72	0.95	1	1	4.853787
HS20_str_opr	BOBJ1	72	After	Interior Girder 6	72	0.95	1	1	4.792683
HS20_str_opr	BOBJ1	72	After	Right Exterior Girder	72	0.95	1	1	4.309052
HS20_str_opr	BOBJ1	72.5	Before	Left Exterior Girder	72.5	0.95	1	1	4.147373
HS20_str_opr	BOBJ1	72.5	Before	Right Exterior Girder	72.5	0.95	1	1	4.151558
HS20_str_opr	BOBJ1	72.5	After	Left Exterior Girder	72.5	0.95	1	1	6.3065
HS20_str_opr	BOBJ1	72.5	After	Right Exterior Girder	72.5	0.95	1	1	6.31296
HS20_str_opr	BOBJ1	80	Before	Left Exterior Girder	80	0.95	1	1	4.290297
HS20_str_opr	BOBJ1	80	Before	Interior Girder 1	80	0.95	1	1	3.048205
HS20_str_opr	BOBJ1	80	Before	Interior Girder 2	80	0.95	1	1	2.938375
HS20_str_opr	BOBJ1	80	Before	Interior Girder 3	80	0.95	1	1	2.413502
HS20_str_opr	BOBJ1	80	Before	Interior Girder 4	80	0.95	1	1	2.417218
HS20_str_opr	BOBJ1	80	Before	Interior Girder 5	80	0.95	1	1	2.932269
HS20_str_opr	BOBJ1	80	Before	Interior Girder 6	80	0.95	1	1	3.050664
HS20_str_opr	BOBJ1	80	Before	Right Exterior Girder	80	0.95	1	1	4.295069
HS20_str_opr	BOBJ1	80	After	Left Exterior Girder	0	0.95	1	1	4.143588
HS20_str_opr	BOBJ1	80	After	Interior Girder 1	0	0.95	1	1	2.963133
HS20_str_opr	BOBJ1	80	After	Interior Girder 2	0	0.95	1	1	2.910385
HS20_str_opr	BOBJ1	80	After	Interior Girder 3	0	0.95	1	1	2.382906
HS20_str_opr	BOBJ1	80	After	Interior Girder 4	0	0.95	1	1	2.387417
HS20_str_opr	BOBJ1	80	After	Interior Girder 5	0	0.95	1	1	2.900992
HS20_str_opr	BOBJ1	80	After	Interior Girder 6	0	0.95	1	1	2.96773
HS20_str_opr	BOBJ1	80	After	Right Exterior Girder	0	0.95	1	1	4.148826
HS20_str_opr	BOBJ1	87.5	Before	Left Exterior Girder	7.5	0.95	1	1	6.661538
HS20_str_opr	BOBJ1	87.5	Before	Right Exterior Girder	7.5	0.95	1	1	6.66793
HS20_str_opr	BOBJ1	87.5	After	Left Exterior Girder	7.5	0.95	1	1	4.300814
HS20_str_opr	BOBJ1	87.5	After	Right Exterior Girder	7.5	0.95	1	1	4.304849
HS20_str_opr	BOBJ1	88	Before	Left Exterior Girder	8	0.95	1	1	4.436628
HS20_str_opr	BOBJ1	88	Before	Interior Girder 1	8	0.95	1	1	4.656755
HS20_str_opr	BOBJ1	88	Before	Interior Girder 2	8	0.95	1	1	4.680555
HS20_str_opr	BOBJ1	88	Before	Interior Girder 3	8	0.95	1	1	4.450281
HS20_str_opr	BOBJ1	88	Before	Interior Girder 4	8	0.95	1	1	4.447619

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelINonCompStrgth-Flx - Approach, Span 4-E									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
HS20_str_opr	BOBJ1	88	Before	Interior Girder 5	8	0.95	1	1	4.675282
HS20_str_opr	BOBJ1	88	Before	Interior Girder 6	8	0.95	1	1	4.658263
HS20_str_opr	BOBJ1	88	Before	Right Exterior Girder	8	0.95	1	1	4.440987
HS20_str_opr	BOBJ1	88	After	Left Exterior Girder	8	0.95	1	1	4.456162
HS20_str_opr	BOBJ1	88	After	Interior Girder 1	8	0.95	1	1	4.680745
HS20_str_opr	BOBJ1	88	After	Interior Girder 2	8	0.95	1	1	4.735045
HS20_str_opr	BOBJ1	88	After	Interior Girder 3	8	0.95	1	1	4.476979
HS20_str_opr	BOBJ1	88	After	Interior Girder 4	8	0.95	1	1	4.474744
HS20_str_opr	BOBJ1	88	After	Interior Girder 5	8	0.95	1	1	4.729871
HS20_str_opr	BOBJ1	88	After	Interior Girder 6	8	0.95	1	1	4.682173
HS20_str_opr	BOBJ1	88	After	Right Exterior Girder	8	0.95	1	1	4.460398
HS20_str_opr	BOBJ1	91	Before	Interior Girder 1	11	0.95	1	1	5.275995
HS20_str_opr	BOBJ1	91	Before	Interior Girder 2	11	0.95	1	1	5.399118
HS20_str_opr	BOBJ1	91	Before	Interior Girder 3	11	0.95	1	1	5.286245
HS20_str_opr	BOBJ1	91	Before	Interior Girder 4	11	0.95	1	1	5.283539
HS20_str_opr	BOBJ1	91	Before	Interior Girder 5	11	0.95	1	1	5.394081
HS20_str_opr	BOBJ1	91	Before	Interior Girder 6	11	0.95	1	1	5.277065
HS20_str_opr	BOBJ1	91	After	Interior Girder 1	11	0.95	1	1	2.157442
HS20_str_opr	BOBJ1	91	After	Interior Girder 2	11	0.95	1	1	2.261838
HS20_str_opr	BOBJ1	91	After	Interior Girder 3	11	0.95	1	1	2.187181
HS20_str_opr	BOBJ1	91	After	Interior Girder 4	11	0.95	1	1	2.186161
HS20_str_opr	BOBJ1	91	After	Interior Girder 5	11	0.95	1	1	2.259633
HS20_str_opr	BOBJ1	91	After	Interior Girder 6	11	0.95	1	1	2.157965
HS20_str_opr	BOBJ1	96	Before	Left Exterior Girder	16	0.95	1	1	6.559234
HS20_str_opr	BOBJ1	96	Before	Interior Girder 1	16	0.95	1	1	2.939422
HS20_str_opr	BOBJ1	96	Before	Interior Girder 2	16	0.95	1	1	3.095079
HS20_str_opr	BOBJ1	96	Before	Interior Girder 3	16	0.95	1	1	3.248451
HS20_str_opr	BOBJ1	96	Before	Interior Girder 4	16	0.95	1	1	3.246982
HS20_str_opr	BOBJ1	96	Before	Interior Girder 5	16	0.95	1	1	3.092977
HS20_str_opr	BOBJ1	96	Before	Interior Girder 6	16	0.95	1	1	2.939649
HS20_str_opr	BOBJ1	96	Before	Right Exterior Girder	16	0.95	1	1	6.564124
HS20_str_opr	BOBJ1	96	After	Left Exterior Girder	16	0.95	1	1	3.193789
HS20_str_opr	BOBJ1	96	After	Interior Girder 1	16	0.95	1	1	3.476092
HS20_str_opr	BOBJ1	96	After	Interior Girder 2	16	0.95	1	1	3.619775
HS20_str_opr	BOBJ1	96	After	Interior Girder 3	16	0.95	1	1	3.749738
HS20_str_opr	BOBJ1	96	After	Interior Girder 4	16	0.95	1	1	3.748198
HS20_str_opr	BOBJ1	96	After	Interior Girder 5	16	0.95	1	1	3.617088
HS20_str_opr	BOBJ1	96	After	Interior Girder 6	16	0.95	1	1	3.4765
HS20_str_opr	BOBJ1	96	After	Right Exterior Girder	16	0.95	1	1	3.196286
HS20_str_opr	BOBJ1	104	Before	Left Exterior Girder	24	0.95	1	1	3.174598
HS20_str_opr	BOBJ1	104	Before	Interior Girder 1	24	0.95	1	1	2.645318
HS20_str_opr	BOBJ1	104	Before	Interior Girder 2	24	0.95	1	1	2.528237
HS20_str_opr	BOBJ1	104	Before	Interior Girder 3	24	0.95	1	1	2.485106
HS20_str_opr	BOBJ1	104	Before	Interior Girder 4	24	0.95	1	1	2.501125
HS20_str_opr	BOBJ1	104	Before	Interior Girder 5	24	0.95	1	1	2.524819
HS20_str_opr	BOBJ1	104	Before	Interior Girder 6	24	0.95	1	1	2.651767
HS20_str_opr	BOBJ1	104	Before	Right Exterior Girder	24	0.95	1	1	3.177771
HS20_str_opr	BOBJ1	104	After	Left Exterior Girder	24	0.95	1	1	3.263789
HS20_str_opr	BOBJ1	104	After	Interior Girder 1	24	0.95	1	1	2.601723
HS20_str_opr	BOBJ1	104	After	Interior Girder 2	24	0.95	1	1	2.524446
HS20_str_opr	BOBJ1	104	After	Interior Girder 3	24	0.95	1	1	2.521408
HS20_str_opr	BOBJ1	104	After	Interior Girder 4	24	0.95	1	1	2.541536
HS20_str_opr	BOBJ1	104	After	Interior Girder 5	24	0.95	1	1	2.524361
HS20_str_opr	BOBJ1	104	After	Interior Girder 6	24	0.95	1	1	2.607641
HS20_str_opr	BOBJ1	104	After	Right Exterior Girder	24	0.95	1	1	3.266214
HS20_str_opr	BOBJ1	112	Before	Left Exterior Girder	32	0.95	1	1	2.067993
HS20_str_opr	BOBJ1	112	Before	Interior Girder 1	32	0.95	1	1	2.013605
HS20_str_opr	BOBJ1	112	Before	Interior Girder 2	32	0.95	1	1	2.011763
HS20_str_opr	BOBJ1	112	Before	Interior Girder 3	32	0.95	1	1	2.021109
HS20_str_opr	BOBJ1	112	Before	Interior Girder 4	32	0.95	1	1	2.023439
HS20_str_opr	BOBJ1	112	Before	Interior Girder 5	32	0.95	1	1	2.013895
HS20_str_opr	BOBJ1	112	Before	Interior Girder 6	32	0.95	1	1	2.013281
HS20_str_opr	BOBJ1	112	Before	Right Exterior Girder	32	0.95	1	1	2.070534
HS20_str_opr	BOBJ1	112	After	Left Exterior Girder	32	0.95	1	1	2.102259
HS20_str_opr	BOBJ1	112	After	Interior Girder 1	32	0.95	1	1	1.992575

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelINonCompStrgth-Flx - Approach, Span 4-E									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
HS20_str_opr	BOBJ1	112	After	Interior Girder 2	32	0.95	1	1	2.004786
HS20_str_opr	BOBJ1	112	After	Interior Girder 3	32	0.95	1	1	2.0251
HS20_str_opr	BOBJ1	112	After	Interior Girder 4	32	0.95	1	1	2.026914
HS20_str_opr	BOBJ1	112	After	Interior Girder 5	32	0.95	1	1	2.007901
HS20_str_opr	BOBJ1	112	After	Interior Girder 6	32	0.95	1	1	1.992298
HS20_str_opr	BOBJ1	112	After	Right Exterior Girder	32	0.95	1	1	2.104732
HS20_str_opr	BOBJ1	120	Before	Left Exterior Girder	40	0.95	1	1	1.936839
HS20_str_opr	BOBJ1	120	Before	Interior Girder 1	40	0.95	1	1	1.766712
HS20_str_opr	BOBJ1	120	Before	Interior Girder 2	40	0.95	1	1	1.764324
HS20_str_opr	BOBJ1	120	Before	Interior Girder 3	40	0.95	1	1	1.784889
HS20_str_opr	BOBJ1	120	Before	Interior Girder 4	40	0.95	1	1	1.793392
HS20_str_opr	BOBJ1	120	Before	Interior Girder 5	40	0.95	1	1	1.761217
HS20_str_opr	BOBJ1	120	Before	Interior Girder 6	40	0.95	1	1	1.770113
HS20_str_opr	BOBJ1	120	Before	Right Exterior Girder	40	0.95	1	1	1.938569
HS20_str_opr	BOBJ1	120	After	Left Exterior Girder	40	0.95	1	1	1.939887
HS20_str_opr	BOBJ1	120	After	Interior Girder 1	40	0.95	1	1	1.765004
HS20_str_opr	BOBJ1	120	After	Interior Girder 2	40	0.95	1	1	1.763983
HS20_str_opr	BOBJ1	120	After	Interior Girder 3	40	0.95	1	1	1.785189
HS20_str_opr	BOBJ1	120	After	Interior Girder 4	40	0.95	1	1	1.793375
HS20_str_opr	BOBJ1	120	After	Interior Girder 5	40	0.95	1	1	1.760818
HS20_str_opr	BOBJ1	120	After	Interior Girder 6	40	0.95	1	1	1.768413
HS20_str_opr	BOBJ1	120	After	Right Exterior Girder	40	0.95	1	1	1.941624
HS20_str_opr	BOBJ1	128	Before	Left Exterior Girder	48	0.95	1	1	2.066237
HS20_str_opr	BOBJ1	128	Before	Interior Girder 1	48	0.95	1	1	1.976109
HS20_str_opr	BOBJ1	128	Before	Interior Girder 2	48	0.95	1	1	1.990639
HS20_str_opr	BOBJ1	128	Before	Interior Girder 3	48	0.95	1	1	2.012265
HS20_str_opr	BOBJ1	128	Before	Interior Girder 4	48	0.95	1	1	2.014071
HS20_str_opr	BOBJ1	128	Before	Interior Girder 5	48	0.95	1	1	1.993646
HS20_str_opr	BOBJ1	128	Before	Interior Girder 6	48	0.95	1	1	1.975838
HS20_str_opr	BOBJ1	128	Before	Right Exterior Girder	48	0.95	1	1	2.068661
HS20_str_opr	BOBJ1	128	After	Left Exterior Girder	48	0.95	1	1	2.037358
HS20_str_opr	BOBJ1	128	After	Interior Girder 1	48	0.95	1	1	1.992322
HS20_str_opr	BOBJ1	128	After	Interior Girder 2	48	0.95	1	1	1.997296
HS20_str_opr	BOBJ1	128	After	Interior Girder 3	48	0.95	1	1	2.009213
HS20_str_opr	BOBJ1	128	After	Interior Girder 4	48	0.95	1	1	2.01144
HS20_str_opr	BOBJ1	128	After	Interior Girder 5	48	0.95	1	1	1.999289
HS20_str_opr	BOBJ1	128	After	Interior Girder 6	48	0.95	1	1	1.992011
HS20_str_opr	BOBJ1	128	After	Right Exterior Girder	48	0.95	1	1	2.039849
HS20_str_opr	BOBJ1	136	Before	Left Exterior Girder	56	0.95	1	1	3.140291
HS20_str_opr	BOBJ1	136	Before	Interior Girder 1	56	0.95	1	1	2.556924
HS20_str_opr	BOBJ1	136	Before	Interior Girder 2	56	0.95	1	1	2.491065
HS20_str_opr	BOBJ1	136	Before	Interior Girder 3	56	0.95	1	1	2.491521
HS20_str_opr	BOBJ1	136	Before	Interior Girder 4	56	0.95	1	1	2.51117
HS20_str_opr	BOBJ1	136	Before	Interior Girder 5	56	0.95	1	1	2.490772
HS20_str_opr	BOBJ1	136	Before	Interior Girder 6	56	0.95	1	1	2.56263
HS20_str_opr	BOBJ1	136	Before	Right Exterior Girder	56	0.95	1	1	3.142655
HS20_str_opr	BOBJ1	136	After	Left Exterior Girder	56	0.95	1	1	3.060502
HS20_str_opr	BOBJ1	136	After	Interior Girder 1	56	0.95	1	1	2.595485
HS20_str_opr	BOBJ1	136	After	Interior Girder 2	56	0.95	1	1	2.495143
HS20_str_opr	BOBJ1	136	After	Interior Girder 3	56	0.95	1	1	2.458049
HS20_str_opr	BOBJ1	136	After	Interior Girder 4	56	0.95	1	1	2.473178
HS20_str_opr	BOBJ1	136	After	Interior Girder 5	56	0.95	1	1	2.49144
HS20_str_opr	BOBJ1	136	After	Interior Girder 6	56	0.95	1	1	2.60169
HS20_str_opr	BOBJ1	136	After	Right Exterior Girder	56	0.95	1	1	3.063549
HS20_str_opr	BOBJ1	144	Before	Left Exterior Girder	64	0.95	1	1	3.164611
HS20_str_opr	BOBJ1	144	Before	Interior Girder 1	64	0.95	1	1	3.41786
HS20_str_opr	BOBJ1	144	Before	Interior Girder 2	64	0.95	1	1	3.585912
HS20_str_opr	BOBJ1	144	Before	Interior Girder 3	64	0.95	1	1	3.749269
HS20_str_opr	BOBJ1	144	Before	Interior Girder 4	64	0.95	1	1	3.747829
HS20_str_opr	BOBJ1	144	Before	Interior Girder 5	64	0.95	1	1	3.583436
HS20_str_opr	BOBJ1	144	Before	Interior Girder 6	64	0.95	1	1	3.418268
HS20_str_opr	BOBJ1	144	Before	Right Exterior Girder	64	0.95	1	1	3.166974
HS20_str_opr	BOBJ1	144	After	Left Exterior Girder	64	0.95	1	1	5.981329
HS20_str_opr	BOBJ1	144	After	Interior Girder 1	64	0.95	1	1	2.885814
HS20_str_opr	BOBJ1	144	After	Interior Girder 2	64	0.95	1	1	3.066242

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelINonCompStrgth-Flx - Approach, Span 4-6									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
HS20_str_opr	BOBJ1	144	After	Interior Girder 3	64	0.95	1	1	3.247941
HS20_str_opr	BOBJ1	144	After	Interior Girder 4	64	0.95	1	1	3.246546
HS20_str_opr	BOBJ1	144	After	Interior Girder 5	64	0.95	1	1	3.064307
HS20_str_opr	BOBJ1	144	After	Interior Girder 6	64	0.95	1	1	2.886062
HS20_str_opr	BOBJ1	144	After	Right Exterior Girder	64	0.95	1	1	5.985593
HS20_str_opr	BOBJ1	150	Before	Interior Girder 1	70	0.95	1	1	1.97029
HS20_str_opr	BOBJ1	150	Before	Interior Girder 2	70	0.95	1	1	2.087038
HS20_str_opr	BOBJ1	150	Before	Interior Girder 3	70	0.95	1	1	2.02028
HS20_str_opr	BOBJ1	150	Before	Interior Girder 4	70	0.95	1	1	2.019351
HS20_str_opr	BOBJ1	150	Before	Interior Girder 5	70	0.95	1	1	2.085033
HS20_str_opr	BOBJ1	150	Before	Interior Girder 6	70	0.95	1	1	1.970795
HS20_str_opr	BOBJ1	150	After	Interior Girder 1	70	0.95	1	1	4.6442
HS20_str_opr	BOBJ1	150	After	Interior Girder 2	70	0.95	1	1	4.776862
HS20_str_opr	BOBJ1	150	After	Interior Girder 3	70	0.95	1	1	4.687061
HS20_str_opr	BOBJ1	150	After	Interior Girder 4	70	0.95	1	1	4.684696
HS20_str_opr	BOBJ1	150	After	Interior Girder 5	70	0.95	1	1	4.772466
HS20_str_opr	BOBJ1	150	After	Interior Girder 6	70	0.95	1	1	4.645194
HS20_str_opr	BOBJ1	152	Before	Left Exterior Girder	72	0.95	1	1	3.984966
HS20_str_opr	BOBJ1	152	Before	Interior Girder 1	72	0.95	1	1	4.25059
HS20_str_opr	BOBJ1	152	Before	Interior Girder 2	72	0.95	1	1	4.361342
HS20_str_opr	BOBJ1	152	Before	Interior Girder 3	72	0.95	1	1	4.181952
HS20_str_opr	BOBJ1	152	Before	Interior Girder 4	72	0.95	1	1	4.1799
HS20_str_opr	BOBJ1	152	Before	Interior Girder 5	72	0.95	1	1	4.356878
HS20_str_opr	BOBJ1	152	Before	Interior Girder 6	72	0.95	1	1	4.251802
HS20_str_opr	BOBJ1	152	Before	Right Exterior Girder	72	0.95	1	1	3.98861
HS20_str_opr	BOBJ1	152	After	Left Exterior Girder	72	0.95	1	1	3.998046
HS20_str_opr	BOBJ1	152	After	Interior Girder 1	72	0.95	1	1	4.218191
HS20_str_opr	BOBJ1	152	After	Interior Girder 2	72	0.95	1	1	4.317046
HS20_str_opr	BOBJ1	152	After	Interior Girder 3	72	0.95	1	1	4.159283
HS20_str_opr	BOBJ1	152	After	Interior Girder 4	72	0.95	1	1	4.156862
HS20_str_opr	BOBJ1	152	After	Interior Girder 5	72	0.95	1	1	4.312486
HS20_str_opr	BOBJ1	152	After	Interior Girder 6	72	0.95	1	1	4.219437
HS20_str_opr	BOBJ1	152	After	Right Exterior Girder	72	0.95	1	1	4.001807
HS20_str_opr	BOBJ1	154	Before	Left Exterior Girder	74	0.95	1	1	3.496496
HS20_str_opr	BOBJ1	154	Before	Right Exterior Girder	74	0.95	1	1	3.499768
HS20_str_opr	BOBJ1	154	After	Left Exterior Girder	74	0.95	1	1	5.482744
HS20_str_opr	BOBJ1	154	After	Right Exterior Girder	74	0.95	1	1	5.487961
HS20_str_opr	BOBJ1	160	Before	Left Exterior Girder	80	0.95	1	1	3.798887
HS20_str_opr	BOBJ1	160	Before	Interior Girder 1	80	0.95	1	1	2.74268
HS20_str_opr	BOBJ1	160	Before	Interior Girder 2	80	0.95	1	1	2.724426
HS20_str_opr	BOBJ1	160	Before	Interior Girder 3	80	0.95	1	1	2.241883
HS20_str_opr	BOBJ1	160	Before	Interior Girder 4	80	0.95	1	1	2.245982
HS20_str_opr	BOBJ1	160	Before	Interior Girder 5	80	0.95	1	1	2.715311
HS20_str_opr	BOBJ1	160	Before	Interior Girder 6	80	0.95	1	1	2.743901
HS20_str_opr	BOBJ1	160	Before	Right Exterior Girder	80	0.95	1	1	3.802846
HS20_str_opr	BOBJ1	160	After	Left Exterior Girder	0	0.95	1	1	3.751875
HS20_str_opr	BOBJ1	160	After	Interior Girder 1	0	0.95	1	1	2.664067
HS20_str_opr	BOBJ1	160	After	Interior Girder 2	0	0.95	1	1	2.667305
HS20_str_opr	BOBJ1	160	After	Interior Girder 3	0	0.95	1	1	2.206507
HS20_str_opr	BOBJ1	160	After	Interior Girder 4	0	0.95	1	1	2.2097
HS20_str_opr	BOBJ1	160	After	Interior Girder 5	0	0.95	1	1	2.662799
HS20_str_opr	BOBJ1	160	After	Interior Girder 6	0	0.95	1	1	2.668009
HS20_str_opr	BOBJ1	160	After	Right Exterior Girder	0	0.95	1	1	3.756363
HS20_str_opr	BOBJ1	166	Before	Left Exterior Girder	6	0.95	1	1	5.654401
HS20_str_opr	BOBJ1	166	Before	Right Exterior Girder	6	0.95	1	1	5.660447
HS20_str_opr	BOBJ1	166	After	Left Exterior Girder	6	0.95	1	1	3.649467
HS20_str_opr	BOBJ1	166	After	Right Exterior Girder	6	0.95	1	1	3.653313
HS20_str_opr	BOBJ1	168	Before	Left Exterior Girder	8	0.95	1	1	4.198383
HS20_str_opr	BOBJ1	168	Before	Interior Girder 1	8	0.95	1	1	4.642941
HS20_str_opr	BOBJ1	168	Before	Interior Girder 2	8	0.95	1	1	4.73077
HS20_str_opr	BOBJ1	168	Before	Interior Girder 3	8	0.95	1	1	4.535795
HS20_str_opr	BOBJ1	168	Before	Interior Girder 4	8	0.95	1	1	4.533643
HS20_str_opr	BOBJ1	168	Before	Interior Girder 5	8	0.95	1	1	4.726399
HS20_str_opr	BOBJ1	168	Before	Interior Girder 6	8	0.95	1	1	4.644364
HS20_str_opr	BOBJ1	168	Before	Right Exterior Girder	8	0.95	1	1	4.202548

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelINonCompStrgth-Flx - Approach, Span 4-E									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
HS20_str_opr	BOBJ1	168	After	Left Exterior Girder	8	0.95	1	1	4.147602
HS20_str_opr	BOBJ1	168	After	Interior Girder 1	8	0.95	1	1	4.723597
HS20_str_opr	BOBJ1	168	After	Interior Girder 2	8	0.95	1	1	4.786443
HS20_str_opr	BOBJ1	168	After	Interior Girder 3	8	0.95	1	1	4.570926
HS20_str_opr	BOBJ1	168	After	Interior Girder 4	8	0.95	1	1	4.568546
HS20_str_opr	BOBJ1	168	After	Interior Girder 5	8	0.95	1	1	4.782372
HS20_str_opr	BOBJ1	168	After	Interior Girder 6	8	0.95	1	1	4.725018
HS20_str_opr	BOBJ1	168	After	Right Exterior Girder	8	0.95	1	1	4.151644
HS20_str_opr	BOBJ1	170	Before	Interior Girder 1	10	0.95	1	1	5.199942
HS20_str_opr	BOBJ1	170	Before	Interior Girder 2	10	0.95	1	1	5.270403
HS20_str_opr	BOBJ1	170	Before	Interior Girder 3	10	0.95	1	1	5.15099
HS20_str_opr	BOBJ1	170	Before	Interior Girder 4	10	0.95	1	1	5.148211
HS20_str_opr	BOBJ1	170	Before	Interior Girder 5	10	0.95	1	1	5.266348
HS20_str_opr	BOBJ1	170	Before	Interior Girder 6	10	0.95	1	1	5.201126
HS20_str_opr	BOBJ1	170	After	Interior Girder 1	10	0.95	1	1	2.44043
HS20_str_opr	BOBJ1	170	After	Interior Girder 2	10	0.95	1	1	2.538307
HS20_str_opr	BOBJ1	170	After	Interior Girder 3	10	0.95	1	1	2.443696
HS20_str_opr	BOBJ1	170	After	Interior Girder 4	10	0.95	1	1	2.442485
HS20_str_opr	BOBJ1	170	After	Interior Girder 5	10	0.95	1	1	2.536254
HS20_str_opr	BOBJ1	170	After	Interior Girder 6	10	0.95	1	1	2.441095
HS20_str_opr	BOBJ1	176	Before	Left Exterior Girder	16	0.95	1	1	6.154838
HS20_str_opr	BOBJ1	176	Before	Interior Girder 1	16	0.95	1	1	3.634563
HS20_str_opr	BOBJ1	176	Before	Interior Girder 2	16	0.95	1	1	3.413565
HS20_str_opr	BOBJ1	176	Before	Interior Girder 3	16	0.95	1	1	3.339423
HS20_str_opr	BOBJ1	176	Before	Interior Girder 4	16	0.95	1	1	3.353191
HS20_str_opr	BOBJ1	176	Before	Interior Girder 5	16	0.95	1	1	3.421014
HS20_str_opr	BOBJ1	176	Before	Interior Girder 6	16	0.95	1	1	3.634885
HS20_str_opr	BOBJ1	176	Before	Right Exterior Girder	16	0.95	1	1	6.160938
HS20_str_opr	BOBJ1	176	After	Left Exterior Girder	16	0.95	1	1	6.391258
HS20_str_opr	BOBJ1	176	After	Interior Girder 1	16	0.95	1	1	3.682225
HS20_str_opr	BOBJ1	176	After	Interior Girder 2	16	0.95	1	1	3.384248
HS20_str_opr	BOBJ1	176	After	Interior Girder 3	16	0.95	1	1	3.389079
HS20_str_opr	BOBJ1	176	After	Interior Girder 4	16	0.95	1	1	3.397932
HS20_str_opr	BOBJ1	176	After	Interior Girder 5	16	0.95	1	1	3.390818
HS20_str_opr	BOBJ1	176	After	Interior Girder 6	16	0.95	1	1	3.68266
HS20_str_opr	BOBJ1	176	After	Right Exterior Girder	16	0.95	1	1	6.397588
HS20_str_opr	BOBJ1	181	Before	Interior Girder 1	21	0.95	1	1	2.159757
HS20_str_opr	BOBJ1	181	Before	Interior Girder 2	21	0.95	1	1	2.045553
HS20_str_opr	BOBJ1	181	Before	Interior Girder 3	21	0.95	1	1	2.001498
HS20_str_opr	BOBJ1	181	Before	Interior Girder 4	21	0.95	1	1	2.012049
HS20_str_opr	BOBJ1	181	Before	Interior Girder 5	21	0.95	1	1	2.042198
HS20_str_opr	BOBJ1	181	Before	Interior Girder 6	21	0.95	1	1	2.164006
HS20_str_opr	BOBJ1	181	After	Interior Girder 1	21	0.95	1	1	3.849911
HS20_str_opr	BOBJ1	181	After	Interior Girder 2	21	0.95	1	1	3.610788
HS20_str_opr	BOBJ1	181	After	Interior Girder 3	21	0.95	1	1	3.626917
HS20_str_opr	BOBJ1	181	After	Interior Girder 4	21	0.95	1	1	3.648205
HS20_str_opr	BOBJ1	181	After	Interior Girder 5	21	0.95	1	1	3.604451
HS20_str_opr	BOBJ1	181	After	Interior Girder 6	21	0.95	1	1	3.857516
HS20_str_opr	BOBJ1	184	Before	Left Exterior Girder	24	0.95	1	1	3.698558
HS20_str_opr	BOBJ1	184	Before	Interior Girder 1	24	0.95	1	1	3.116575
HS20_str_opr	BOBJ1	184	Before	Interior Girder 2	24	0.95	1	1	2.996003
HS20_str_opr	BOBJ1	184	Before	Interior Girder 3	24	0.95	1	1	3.015389
HS20_str_opr	BOBJ1	184	Before	Interior Girder 4	24	0.95	1	1	3.026669
HS20_str_opr	BOBJ1	184	Before	Interior Girder 5	24	0.95	1	1	2.989322
HS20_str_opr	BOBJ1	184	Before	Interior Girder 6	24	0.95	1	1	3.122797
HS20_str_opr	BOBJ1	184	Before	Right Exterior Girder	24	0.95	1	1	3.701334
HS20_str_opr	BOBJ1	184	After	Left Exterior Girder	24	0.95	1	1	3.780175
HS20_str_opr	BOBJ1	184	After	Interior Girder 1	24	0.95	1	1	3.078203
HS20_str_opr	BOBJ1	184	After	Interior Girder 2	24	0.95	1	1	3.001349
HS20_str_opr	BOBJ1	184	After	Interior Girder 3	24	0.95	1	1	3.049087
HS20_str_opr	BOBJ1	184	After	Interior Girder 4	24	0.95	1	1	3.069847
HS20_str_opr	BOBJ1	184	After	Interior Girder 5	24	0.95	1	1	2.997373
HS20_str_opr	BOBJ1	184	After	Interior Girder 6	24	0.95	1	1	3.083977
HS20_str_opr	BOBJ1	184	After	Right Exterior Girder	24	0.95	1	1	3.782815
HS20_str_opr	BOBJ1	192	Before	Left Exterior Girder	32	0.95	1	1	2.378221

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelINonCompStrgth-Flx - Approach, Span 4-E									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
HS20_str_opr	BOBJ1	192	Before	Interior Girder 1	32	0.95	1	1	2.147643
HS20_str_opr	BOBJ1	192	Before	Interior Girder 2	32	0.95	1	1	2.193163
HS20_str_opr	BOBJ1	192	Before	Interior Girder 3	32	0.95	1	1	2.229277
HS20_str_opr	BOBJ1	192	Before	Interior Girder 4	32	0.95	1	1	2.231653
HS20_str_opr	BOBJ1	192	Before	Interior Girder 5	32	0.95	1	1	2.192586
HS20_str_opr	BOBJ1	192	Before	Interior Girder 6	32	0.95	1	1	2.147515
HS20_str_opr	BOBJ1	192	Before	Right Exterior Girder	32	0.95	1	1	2.380922
HS20_str_opr	BOBJ1	192	After	Left Exterior Girder	32	0.95	1	1	2.428233
HS20_str_opr	BOBJ1	192	After	Interior Girder 1	32	0.95	1	1	2.119769
HS20_str_opr	BOBJ1	192	After	Interior Girder 2	32	0.95	1	1	2.184714
HS20_str_opr	BOBJ1	192	After	Interior Girder 3	32	0.95	1	1	2.227651
HS20_str_opr	BOBJ1	192	After	Interior Girder 4	32	0.95	1	1	2.230376
HS20_str_opr	BOBJ1	192	After	Interior Girder 5	32	0.95	1	1	2.185081
HS20_str_opr	BOBJ1	192	After	Interior Girder 6	32	0.95	1	1	2.119699
HS20_str_opr	BOBJ1	192	After	Right Exterior Girder	32	0.95	1	1	2.430558
HS20_str_opr	BOBJ1	200	Before	Left Exterior Girder	40	0.95	1	1	1.99515
HS20_str_opr	BOBJ1	200	Before	Interior Girder 1	40	0.95	1	1	1.687314
HS20_str_opr	BOBJ1	200	Before	Interior Girder 2	40	0.95	1	1	1.741116
HS20_str_opr	BOBJ1	200	Before	Interior Girder 3	40	0.95	1	1	1.798821
HS20_str_opr	BOBJ1	200	Before	Interior Girder 4	40	0.95	1	1	1.802385
HS20_str_opr	BOBJ1	200	Before	Interior Girder 5	40	0.95	1	1	1.737967
HS20_str_opr	BOBJ1	200	Before	Interior Girder 6	40	0.95	1	1	1.689609
HS20_str_opr	BOBJ1	200	Before	Right Exterior Girder	40	0.95	1	1	1.996849
HS20_str_opr	BOBJ1	200	After	Left Exterior Girder	40	0.95	1	1	2.014291
HS20_str_opr	BOBJ1	200	After	Interior Girder 1	40	0.95	1	1	1.679261
HS20_str_opr	BOBJ1	200	After	Interior Girder 2	40	0.95	1	1	1.746145
HS20_str_opr	BOBJ1	200	After	Interior Girder 3	40	0.95	1	1	1.802895
HS20_str_opr	BOBJ1	200	After	Interior Girder 4	40	0.95	1	1	1.80884
HS20_str_opr	BOBJ1	200	After	Interior Girder 5	40	0.95	1	1	1.743019
HS20_str_opr	BOBJ1	200	After	Interior Girder 6	40	0.95	1	1	1.681429
HS20_str_opr	BOBJ1	200	After	Right Exterior Girder	40	0.95	1	1	2.015954
HS20_str_opr	BOBJ1	208	Before	Left Exterior Girder	48	0.95	1	1	1.852802
HS20_str_opr	BOBJ1	208	Before	Interior Girder 1	48	0.95	1	1	1.615495
HS20_str_opr	BOBJ1	208	Before	Interior Girder 2	48	0.95	1	1	1.70637
HS20_str_opr	BOBJ1	208	Before	Interior Girder 3	48	0.95	1	1	1.756782
HS20_str_opr	BOBJ1	208	Before	Interior Girder 4	48	0.95	1	1	1.758224
HS20_str_opr	BOBJ1	208	Before	Interior Girder 5	48	0.95	1	1	1.70553
HS20_str_opr	BOBJ1	208	Before	Interior Girder 6	48	0.95	1	1	1.615448
HS20_str_opr	BOBJ1	208	Before	Right Exterior Girder	48	0.95	1	1	1.854729
HS20_str_opr	BOBJ1	208	After	Left Exterior Girder	48	0.95	1	1	1.844994
HS20_str_opr	BOBJ1	208	After	Interior Girder 1	48	0.95	1	1	1.615496
HS20_str_opr	BOBJ1	208	After	Interior Girder 2	48	0.95	1	1	1.708077
HS20_str_opr	BOBJ1	208	After	Interior Girder 3	48	0.95	1	1	1.753602
HS20_str_opr	BOBJ1	208	After	Interior Girder 4	48	0.95	1	1	1.754604
HS20_str_opr	BOBJ1	208	After	Interior Girder 5	48	0.95	1	1	1.707385
HS20_str_opr	BOBJ1	208	After	Interior Girder 6	48	0.95	1	1	1.615438
HS20_str_opr	BOBJ1	208	After	Right Exterior Girder	48	0.95	1	1	1.846978
HS20_str_opr	BOBJ1	216	Before	Left Exterior Girder	56	0.95	1	1	2.162081
HS20_str_opr	BOBJ1	216	Before	Interior Girder 1	56	0.95	1	1	1.776673
HS20_str_opr	BOBJ1	216	Before	Interior Girder 2	56	0.95	1	1	1.823472
HS20_str_opr	BOBJ1	216	Before	Interior Girder 3	56	0.95	1	1	1.895506
HS20_str_opr	BOBJ1	216	Before	Interior Girder 4	56	0.95	1	1	1.904041
HS20_str_opr	BOBJ1	216	Before	Interior Girder 5	56	0.95	1	1	1.820011
HS20_str_opr	BOBJ1	216	Before	Interior Girder 6	56	0.95	1	1	1.779115
HS20_str_opr	BOBJ1	216	Before	Right Exterior Girder	56	0.95	1	1	2.163649
HS20_str_opr	BOBJ1	216	After	Left Exterior Girder	56	0.95	1	1	2.128047
HS20_str_opr	BOBJ1	216	After	Interior Girder 1	56	0.95	1	1	1.785583
HS20_str_opr	BOBJ1	216	After	Interior Girder 2	56	0.95	1	1	1.822413
HS20_str_opr	BOBJ1	216	After	Interior Girder 3	56	0.95	1	1	1.872922
HS20_str_opr	BOBJ1	216	After	Interior Girder 4	56	0.95	1	1	1.876633
HS20_str_opr	BOBJ1	216	After	Interior Girder 5	56	0.95	1	1	1.818981
HS20_str_opr	BOBJ1	216	After	Interior Girder 6	56	0.95	1	1	1.788676
HS20_str_opr	BOBJ1	216	After	Right Exterior Girder	56	0.95	1	1	2.129898
HS20_str_opr	BOBJ1	224	Before	Left Exterior Girder	64	0.95	1	1	2.900253
HS20_str_opr	BOBJ1	224	Before	Interior Girder 1	64	0.95	1	1	2.475999

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelINonCompStrgth-Flx - Approach, Span 4-6									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
HS20_str_opr	BOBJ1	224	Before	Interior Girder 2	64	0.95	1	1	2.488331
HS20_str_opr	BOBJ1	224	Before	Interior Girder 3	64	0.95	1	1	2.551062
HS20_str_opr	BOBJ1	224	Before	Interior Girder 4	64	0.95	1	1	2.553663
HS20_str_opr	BOBJ1	224	Before	Interior Girder 5	64	0.95	1	1	2.490388
HS20_str_opr	BOBJ1	224	Before	Interior Girder 6	64	0.95	1	1	2.475775
HS20_str_opr	BOBJ1	224	Before	Right Exterior Girder	64	0.95	1	1	2.903191
HS20_str_opr	BOBJ1	224	After	Left Exterior Girder	64	0.95	1	1	2.819383
HS20_str_opr	BOBJ1	224	After	Interior Girder 1	64	0.95	1	1	2.524398
HS20_str_opr	BOBJ1	224	After	Interior Girder 2	64	0.95	1	1	2.483825
HS20_str_opr	BOBJ1	224	After	Interior Girder 3	64	0.95	1	1	2.525405
HS20_str_opr	BOBJ1	224	After	Interior Girder 4	64	0.95	1	1	2.526702
HS20_str_opr	BOBJ1	224	After	Interior Girder 5	64	0.95	1	1	2.483261
HS20_str_opr	BOBJ1	224	After	Interior Girder 6	64	0.95	1	1	2.524158
HS20_str_opr	BOBJ1	224	After	Right Exterior Girder	64	0.95	1	1	2.822514
HS20_str_opr	BOBJ1	232	Before	Left Exterior Girder	72	0.95	1	1	5.997607
HS20_str_opr	BOBJ1	232	Before	Interior Girder 1	72	0.95	1	1	4.541833
HS20_str_opr	BOBJ1	232	Before	Interior Girder 2	72	0.95	1	1	4.325979
HS20_str_opr	BOBJ1	232	Before	Interior Girder 3	72	0.95	1	1	4.378298
HS20_str_opr	BOBJ1	232	Before	Interior Girder 4	72	0.95	1	1	4.417836
HS20_str_opr	BOBJ1	232	Before	Interior Girder 5	72	0.95	1	1	4.332503
HS20_str_opr	BOBJ1	232	Before	Interior Girder 6	72	0.95	1	1	4.552123
HS20_str_opr	BOBJ1	232	Before	Right Exterior Girder	72	0.95	1	1	6.002066
HS20_str_opr	BOBJ1	232	After	Left Exterior Girder	72	0.95	1	1	5.931612
HS20_str_opr	BOBJ1	232	After	Interior Girder 1	72	0.95	1	1	4.527275
HS20_str_opr	BOBJ1	232	After	Interior Girder 2	72	0.95	1	1	4.267693
HS20_str_opr	BOBJ1	232	After	Interior Girder 3	72	0.95	1	1	4.188082
HS20_str_opr	BOBJ1	232	After	Interior Girder 4	72	0.95	1	1	4.212708
HS20_str_opr	BOBJ1	232	After	Interior Girder 5	72	0.95	1	1	4.26203
HS20_str_opr	BOBJ1	232	After	Interior Girder 6	72	0.95	1	1	4.540618
HS20_str_opr	BOBJ1	232	After	Right Exterior Girder	72	0.95	1	1	5.937606
HS20_str_opr	BOBJ1	240	Before	Left Exterior Girder	80	0.95	1	1	58.97367
HS20_str_opr	BOBJ1	240	Before	Interior Girder 1	80	0.95	1	1	33.21734
HS20_str_opr	BOBJ1	240	Before	Interior Girder 2	80	0.95	1	1	27.726714
HS20_str_opr	BOBJ1	240	Before	Interior Girder 3	80	0.95	1	1	19.062076
HS20_str_opr	BOBJ1	240	Before	Interior Girder 4	80	0.95	1	1	19.191085
HS20_str_opr	BOBJ1	240	Before	Interior Girder 5	80	0.95	1	1	27.405109
HS20_str_opr	BOBJ1	240	Before	Interior Girder 6	80	0.95	1	1	33.222547
HS20_str_opr	BOBJ1	240	Before	Right Exterior Girder	80	0.95	1	1	59.042227
HS20_str_inv	BOBJ1	0	After	Left Exterior Girder	0	0.95	1	1	324.731116
HS20_str_inv	BOBJ1	0	After	Interior Girder 1	0	0.95	1	1	258.828625
HS20_str_inv	BOBJ1	0	After	Interior Girder 2	0	0.95	1	1	262.953421
HS20_str_inv	BOBJ1	0	After	Interior Girder 3	0	0.95	1	1	167.740652
HS20_str_inv	BOBJ1	0	After	Interior Girder 4	0	0.95	1	1	169.092764
HS20_str_inv	BOBJ1	0	After	Interior Girder 5	0	0.95	1	1	259.445999
HS20_str_inv	BOBJ1	0	After	Interior Girder 6	0	0.95	1	1	248.391369
HS20_str_inv	BOBJ1	0	After	Right Exterior Girder	0	0.95	1	1	325.057488
HS20_str_inv	BOBJ1	8	Before	Left Exterior Girder	8	0.95	1	1	4.654984
HS20_str_inv	BOBJ1	8	Before	Interior Girder 1	8	0.95	1	1	3.628786
HS20_str_inv	BOBJ1	8	Before	Interior Girder 2	8	0.95	1	1	3.440739
HS20_str_inv	BOBJ1	8	Before	Interior Girder 3	8	0.95	1	1	3.195383
HS20_str_inv	BOBJ1	8	Before	Interior Girder 4	8	0.95	1	1	3.213395
HS20_str_inv	BOBJ1	8	Before	Interior Girder 5	8	0.95	1	1	3.429336
HS20_str_inv	BOBJ1	8	Before	Interior Girder 6	8	0.95	1	1	3.642641
HS20_str_inv	BOBJ1	8	Before	Right Exterior Girder	8	0.95	1	1	4.661029
HS20_str_inv	BOBJ1	8	After	Left Exterior Girder	8	0.95	1	1	4.731272
HS20_str_inv	BOBJ1	8	After	Interior Girder 1	8	0.95	1	1	3.612156
HS20_str_inv	BOBJ1	8	After	Interior Girder 2	8	0.95	1	1	3.511116
HS20_str_inv	BOBJ1	8	After	Interior Girder 3	8	0.95	1	1	3.336101
HS20_str_inv	BOBJ1	8	After	Interior Girder 4	8	0.95	1	1	3.353537
HS20_str_inv	BOBJ1	8	After	Interior Girder 5	8	0.95	1	1	3.500578
HS20_str_inv	BOBJ1	8	After	Interior Girder 6	8	0.95	1	1	3.624503
HS20_str_inv	BOBJ1	8	After	Right Exterior Girder	8	0.95	1	1	4.736439
HS20_str_inv	BOBJ1	16	Before	Left Exterior Girder	16	0.95	1	1	2.167497
HS20_str_inv	BOBJ1	16	Before	Interior Girder 1	16	0.95	1	1	2.160691
HS20_str_inv	BOBJ1	16	Before	Interior Girder 2	16	0.95	1	1	2.087284

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelINonCompStrgth-Flx - Approach, Span 4-E									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
HS20_str_inv	BOBJ1	16	Before	Interior Girder 3	16	0.95	1	1	2.081508
HS20_str_inv	BOBJ1	16	Before	Interior Girder 4	16	0.95	1	1	2.080428
HS20_str_inv	BOBJ1	16	Before	Interior Girder 5	16	0.95	1	1	2.087052
HS20_str_inv	BOBJ1	16	Before	Interior Girder 6	16	0.95	1	1	2.16046
HS20_str_inv	BOBJ1	16	Before	Right Exterior Girder	16	0.95	1	1	2.170251
HS20_str_inv	BOBJ1	16	After	Left Exterior Girder	16	0.95	1	1	2.221869
HS20_str_inv	BOBJ1	16	After	Interior Girder 1	16	0.95	1	1	2.129662
HS20_str_inv	BOBJ1	16	After	Interior Girder 2	16	0.95	1	1	2.093816
HS20_str_inv	BOBJ1	16	After	Interior Girder 3	16	0.95	1	1	2.11396
HS20_str_inv	BOBJ1	16	After	Interior Girder 4	16	0.95	1	1	2.115028
HS20_str_inv	BOBJ1	16	After	Interior Girder 5	16	0.95	1	1	2.095141
HS20_str_inv	BOBJ1	16	After	Interior Girder 6	16	0.95	1	1	2.129493
HS20_str_inv	BOBJ1	16	After	Right Exterior Girder	16	0.95	1	1	2.224513
HS20_str_inv	BOBJ1	20.5	Before	Left Exterior Girder	20.5	0.95	1	1	1.821081
HS20_str_inv	BOBJ1	20.5	Before	Right Exterior Girder	20.5	0.95	1	1	1.823097
HS20_str_inv	BOBJ1	20.5	After	Left Exterior Girder	20.5	0.95	1	1	2.702069
HS20_str_inv	BOBJ1	20.5	After	Right Exterior Girder	20.5	0.95	1	1	2.704969
HS20_str_inv	BOBJ1	24	Before	Left Exterior Girder	24	0.95	1	1	2.400689
HS20_str_inv	BOBJ1	24	Before	Interior Girder 1	24	0.95	1	1	1.558944
HS20_str_inv	BOBJ1	24	Before	Interior Girder 2	24	0.95	1	1	1.562553
HS20_str_inv	BOBJ1	24	Before	Interior Girder 3	24	0.95	1	1	1.580804
HS20_str_inv	BOBJ1	24	Before	Interior Girder 4	24	0.95	1	1	1.583908
HS20_str_inv	BOBJ1	24	Before	Interior Girder 5	24	0.95	1	1	1.559524
HS20_str_inv	BOBJ1	24	Before	Interior Girder 6	24	0.95	1	1	1.561657
HS20_str_inv	BOBJ1	24	Before	Right Exterior Girder	24	0.95	1	1	2.402735
HS20_str_inv	BOBJ1	24	After	Left Exterior Girder	24	0.95	1	1	2.395819
HS20_str_inv	BOBJ1	24	After	Interior Girder 1	24	0.95	1	1	1.572287
HS20_str_inv	BOBJ1	24	After	Interior Girder 2	24	0.95	1	1	1.564284
HS20_str_inv	BOBJ1	24	After	Interior Girder 3	24	0.95	1	1	1.595119
HS20_str_inv	BOBJ1	24	After	Interior Girder 4	24	0.95	1	1	1.60097
HS20_str_inv	BOBJ1	24	After	Interior Girder 5	24	0.95	1	1	1.561162
HS20_str_inv	BOBJ1	24	After	Interior Girder 6	24	0.95	1	1	1.574905
HS20_str_inv	BOBJ1	24	After	Right Exterior Girder	24	0.95	1	1	2.397768
HS20_str_inv	BOBJ1	32	Before	Left Exterior Girder	32	0.95	1	1	2.052886
HS20_str_inv	BOBJ1	32	Before	Interior Girder 1	32	0.95	1	1	1.467241
HS20_str_inv	BOBJ1	32	Before	Interior Girder 2	32	0.95	1	1	1.479443
HS20_str_inv	BOBJ1	32	Before	Interior Girder 3	32	0.95	1	1	1.501662
HS20_str_inv	BOBJ1	32	Before	Interior Girder 4	32	0.95	1	1	1.502326
HS20_str_inv	BOBJ1	32	Before	Interior Girder 5	32	0.95	1	1	1.478967
HS20_str_inv	BOBJ1	32	Before	Interior Girder 6	32	0.95	1	1	1.46714
HS20_str_inv	BOBJ1	32	Before	Right Exterior Girder	32	0.95	1	1	2.055157
HS20_str_inv	BOBJ1	32	After	Left Exterior Girder	32	0.95	1	1	2.059336
HS20_str_inv	BOBJ1	32	After	Interior Girder 1	32	0.95	1	1	1.468748
HS20_str_inv	BOBJ1	32	After	Interior Girder 2	32	0.95	1	1	1.477093
HS20_str_inv	BOBJ1	32	After	Interior Girder 3	32	0.95	1	1	1.502314
HS20_str_inv	BOBJ1	32	After	Interior Girder 4	32	0.95	1	1	1.503358
HS20_str_inv	BOBJ1	32	After	Interior Girder 5	32	0.95	1	1	1.476935
HS20_str_inv	BOBJ1	32	After	Interior Girder 6	32	0.95	1	1	1.468662
HS20_str_inv	BOBJ1	32	After	Right Exterior Girder	32	0.95	1	1	2.06156
HS20_str_inv	BOBJ1	40	Before	Left Exterior Girder	40	0.95	1	1	2.228282
HS20_str_inv	BOBJ1	40	Before	Interior Girder 1	40	0.95	1	1	1.497126
HS20_str_inv	BOBJ1	40	Before	Interior Girder 2	40	0.95	1	1	1.509948
HS20_str_inv	BOBJ1	40	Before	Interior Girder 3	40	0.95	1	1	1.545051
HS20_str_inv	BOBJ1	40	Before	Interior Girder 4	40	0.95	1	1	1.549992
HS20_str_inv	BOBJ1	40	Before	Interior Girder 5	40	0.95	1	1	1.507735
HS20_str_inv	BOBJ1	40	Before	Interior Girder 6	40	0.95	1	1	1.499055
HS20_str_inv	BOBJ1	40	Before	Right Exterior Girder	40	0.95	1	1	2.230192
HS20_str_inv	BOBJ1	40	After	Left Exterior Girder	40	0.95	1	1	2.222984
HS20_str_inv	BOBJ1	40	After	Interior Girder 1	40	0.95	1	1	1.500045
HS20_str_inv	BOBJ1	40	After	Interior Girder 2	40	0.95	1	1	1.501531
HS20_str_inv	BOBJ1	40	After	Interior Girder 3	40	0.95	1	1	1.537013
HS20_str_inv	BOBJ1	40	After	Interior Girder 4	40	0.95	1	1	1.540075
HS20_str_inv	BOBJ1	40	After	Interior Girder 5	40	0.95	1	1	1.498863
HS20_str_inv	BOBJ1	40	After	Interior Girder 6	40	0.95	1	1	1.502091
HS20_str_inv	BOBJ1	40	After	Right Exterior Girder	40	0.95	1	1	2.22494

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelINonCompStrgth-Flx - Approach, Span 4-6									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
HS20_str_inv	BOBJ1	46.5	Before	Left Exterior Girder	46.5	0.95	1	1	2.551583
HS20_str_inv	BOBJ1	46.5	Before	Right Exterior Girder	46.5	0.95	1	1	2.553994
HS20_str_inv	BOBJ1	46.5	After	Left Exterior Girder	46.5	0.95	1	1	1.755694
HS20_str_inv	BOBJ1	46.5	After	Right Exterior Girder	46.5	0.95	1	1	1.757437
HS20_str_inv	BOBJ1	48	Before	Left Exterior Girder	48	0.95	1	1	1.858568
HS20_str_inv	BOBJ1	48	Before	Interior Girder 1	48	0.95	1	1	1.844077
HS20_str_inv	BOBJ1	48	Before	Interior Girder 2	48	0.95	1	1	1.873496
HS20_str_inv	BOBJ1	48	Before	Interior Girder 3	48	0.95	1	1	1.894672
HS20_str_inv	BOBJ1	48	Before	Interior Girder 4	48	0.95	1	1	1.896979
HS20_str_inv	BOBJ1	48	Before	Interior Girder 5	48	0.95	1	1	1.874745
HS20_str_inv	BOBJ1	48	Before	Interior Girder 6	48	0.95	1	1	1.843955
HS20_str_inv	BOBJ1	48	Before	Right Exterior Girder	48	0.95	1	1	1.860444
HS20_str_inv	BOBJ1	48	After	Left Exterior Girder	48	0.95	1	1	1.825204
HS20_str_inv	BOBJ1	48	After	Interior Girder 1	48	0.95	1	1	1.868132
HS20_str_inv	BOBJ1	48	After	Interior Girder 2	48	0.95	1	1	1.875457
HS20_str_inv	BOBJ1	48	After	Interior Girder 3	48	0.95	1	1	1.890978
HS20_str_inv	BOBJ1	48	After	Interior Girder 4	48	0.95	1	1	1.892746
HS20_str_inv	BOBJ1	48	After	Interior Girder 5	48	0.95	1	1	1.874922
HS20_str_inv	BOBJ1	48	After	Interior Girder 6	48	0.95	1	1	1.867995
HS20_str_inv	BOBJ1	48	After	Right Exterior Girder	48	0.95	1	1	1.827309
HS20_str_inv	BOBJ1	56	Before	Left Exterior Girder	56	0.95	1	1	2.914862
HS20_str_inv	BOBJ1	56	Before	Interior Girder 1	56	0.95	1	1	2.594705
HS20_str_inv	BOBJ1	56	Before	Interior Girder 2	56	0.95	1	1	2.531375
HS20_str_inv	BOBJ1	56	Before	Interior Girder 3	56	0.95	1	1	2.560328
HS20_str_inv	BOBJ1	56	Before	Interior Girder 4	56	0.95	1	1	2.57718
HS20_str_inv	BOBJ1	56	Before	Interior Girder 5	56	0.95	1	1	2.528329
HS20_str_inv	BOBJ1	56	Before	Interior Girder 6	56	0.95	1	1	2.599599
HS20_str_inv	BOBJ1	56	Before	Right Exterior Girder	56	0.95	1	1	2.916982
HS20_str_inv	BOBJ1	56	After	Left Exterior Girder	56	0.95	1	1	2.85356
HS20_str_inv	BOBJ1	56	After	Interior Girder 1	56	0.95	1	1	2.631937
HS20_str_inv	BOBJ1	56	After	Interior Girder 2	56	0.95	1	1	2.522473
HS20_str_inv	BOBJ1	56	After	Interior Girder 3	56	0.95	1	1	2.527239
HS20_str_inv	BOBJ1	56	After	Interior Girder 4	56	0.95	1	1	2.535585
HS20_str_inv	BOBJ1	56	After	Interior Girder 5	56	0.95	1	1	2.516929
HS20_str_inv	BOBJ1	56	After	Interior Girder 6	56	0.95	1	1	2.637207
HS20_str_inv	BOBJ1	56	After	Right Exterior Girder	56	0.95	1	1	2.8558
HS20_str_inv	BOBJ1	59	Before	Interior Girder 1	59	0.95	1	1	3.212629
HS20_str_inv	BOBJ1	59	Before	Interior Girder 2	59	0.95	1	1	3.024811
HS20_str_inv	BOBJ1	59	Before	Interior Girder 3	59	0.95	1	1	3.031347
HS20_str_inv	BOBJ1	59	Before	Interior Girder 4	59	0.95	1	1	3.048679
HS20_str_inv	BOBJ1	59	Before	Interior Girder 5	59	0.95	1	1	3.019611
HS20_str_inv	BOBJ1	59	Before	Interior Girder 6	59	0.95	1	1	3.218969
HS20_str_inv	BOBJ1	59	After	Interior Girder 1	59	0.95	1	1	1.634525
HS20_str_inv	BOBJ1	59	After	Interior Girder 2	59	0.95	1	1	1.556652
HS20_str_inv	BOBJ1	59	After	Interior Girder 3	59	0.95	1	1	1.515833
HS20_str_inv	BOBJ1	59	After	Interior Girder 4	59	0.95	1	1	1.523506
HS20_str_inv	BOBJ1	59	After	Interior Girder 5	59	0.95	1	1	1.554108
HS20_str_inv	BOBJ1	59	After	Interior Girder 6	59	0.95	1	1	1.637748
HS20_str_inv	BOBJ1	64	Before	Left Exterior Girder	64	0.95	1	1	4.951688
HS20_str_inv	BOBJ1	64	Before	Interior Girder 1	64	0.95	1	1	2.749975
HS20_str_inv	BOBJ1	64	Before	Interior Girder 2	64	0.95	1	1	2.572011
HS20_str_inv	BOBJ1	64	Before	Interior Girder 3	64	0.95	1	1	2.575957
HS20_str_inv	BOBJ1	64	Before	Interior Girder 4	64	0.95	1	1	2.583934
HS20_str_inv	BOBJ1	64	Before	Interior Girder 5	64	0.95	1	1	2.577219
HS20_str_inv	BOBJ1	64	Before	Interior Girder 6	64	0.95	1	1	2.750305
HS20_str_inv	BOBJ1	64	Before	Right Exterior Girder	64	0.95	1	1	4.955886
HS20_str_inv	BOBJ1	64	After	Left Exterior Girder	64	0.95	1	1	4.760189
HS20_str_inv	BOBJ1	64	After	Interior Girder 1	64	0.95	1	1	2.721911
HS20_str_inv	BOBJ1	64	After	Interior Girder 2	64	0.95	1	1	2.59364
HS20_str_inv	BOBJ1	64	After	Interior Girder 3	64	0.95	1	1	2.543017
HS20_str_inv	BOBJ1	64	After	Interior Girder 4	64	0.95	1	1	2.553792
HS20_str_inv	BOBJ1	64	After	Interior Girder 5	64	0.95	1	1	2.599427
HS20_str_inv	BOBJ1	64	After	Interior Girder 6	64	0.95	1	1	2.722156
HS20_str_inv	BOBJ1	64	After	Right Exterior Girder	64	0.95	1	1	4.764574
HS20_str_inv	BOBJ1	69	Before	Interior Girder 1	69	0.95	1	1	1.96439

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelINonCompStrgth-Flx - Approach, Span 4-6									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
HS20_str_inv	BOBJ1	69	Before	Interior Girder 2	69	0.95	1	1	2.031312
HS20_str_inv	BOBJ1	69	Before	Interior Girder 3	69	0.95	1	1	1.982353
HS20_str_inv	BOBJ1	69	Before	Interior Girder 4	69	0.95	1	1	1.98138
HS20_str_inv	BOBJ1	69	Before	Interior Girder 5	69	0.95	1	1	2.029739
HS20_str_inv	BOBJ1	69	Before	Interior Girder 6	69	0.95	1	1	1.964897
HS20_str_inv	BOBJ1	69	After	Interior Girder 1	69	0.95	1	1	4.29055
HS20_str_inv	BOBJ1	69	After	Interior Girder 2	69	0.95	1	1	4.358996
HS20_str_inv	BOBJ1	69	After	Interior Girder 3	69	0.95	1	1	4.302211
HS20_str_inv	BOBJ1	69	After	Interior Girder 4	69	0.95	1	1	4.29992
HS20_str_inv	BOBJ1	69	After	Interior Girder 5	69	0.95	1	1	4.355807
HS20_str_inv	BOBJ1	69	After	Interior Girder 6	69	0.95	1	1	4.291453
HS20_str_inv	BOBJ1	72	Before	Left Exterior Girder	72	0.95	1	1	3.295407
HS20_str_inv	BOBJ1	72	Before	Interior Girder 1	72	0.95	1	1	3.750824
HS20_str_inv	BOBJ1	72	Before	Interior Girder 2	72	0.95	1	1	3.795642
HS20_str_inv	BOBJ1	72	Before	Interior Girder 3	72	0.95	1	1	3.62917
HS20_str_inv	BOBJ1	72	Before	Interior Girder 4	72	0.95	1	1	3.627323
HS20_str_inv	BOBJ1	72	Before	Interior Girder 5	72	0.95	1	1	3.792413
HS20_str_inv	BOBJ1	72	Before	Interior Girder 6	72	0.95	1	1	3.752015
HS20_str_inv	BOBJ1	72	Before	Right Exterior Girder	72	0.95	1	1	3.2986
HS20_str_inv	BOBJ1	72	After	Left Exterior Girder	72	0.95	1	1	3.320845
HS20_str_inv	BOBJ1	72	After	Interior Girder 1	72	0.95	1	1	3.695996
HS20_str_inv	BOBJ1	72	After	Interior Girder 2	72	0.95	1	1	3.747671
HS20_str_inv	BOBJ1	72	After	Interior Girder 3	72	0.95	1	1	3.600535
HS20_str_inv	BOBJ1	72	After	Interior Girder 4	72	0.95	1	1	3.598861
HS20_str_inv	BOBJ1	72	After	Interior Girder 5	72	0.95	1	1	3.74435
HS20_str_inv	BOBJ1	72	After	Interior Girder 6	72	0.95	1	1	3.697213
HS20_str_inv	BOBJ1	72	After	Right Exterior Girder	72	0.95	1	1	3.324126
HS20_str_inv	BOBJ1	72.5	Before	Left Exterior Girder	72.5	0.95	1	1	3.199402
HS20_str_inv	BOBJ1	72.5	Before	Right Exterior Girder	72.5	0.95	1	1	3.20263
HS20_str_inv	BOBJ1	72.5	After	Left Exterior Girder	72.5	0.95	1	1	4.865014
HS20_str_inv	BOBJ1	72.5	After	Right Exterior Girder	72.5	0.95	1	1	4.869997
HS20_str_inv	BOBJ1	80	Before	Left Exterior Girder	80	0.95	1	1	3.309658
HS20_str_inv	BOBJ1	80	Before	Interior Girder 1	80	0.95	1	1	2.351472
HS20_str_inv	BOBJ1	80	Before	Interior Girder 2	80	0.95	1	1	2.266746
HS20_str_inv	BOBJ1	80	Before	Interior Girder 3	80	0.95	1	1	1.861845
HS20_str_inv	BOBJ1	80	Before	Interior Girder 4	80	0.95	1	1	1.864711
HS20_str_inv	BOBJ1	80	Before	Interior Girder 5	80	0.95	1	1	2.262036
HS20_str_inv	BOBJ1	80	Before	Interior Girder 6	80	0.95	1	1	2.353369
HS20_str_inv	BOBJ1	80	Before	Right Exterior Girder	80	0.95	1	1	3.313339
HS20_str_inv	BOBJ1	80	After	Left Exterior Girder	0	0.95	1	1	3.196482
HS20_str_inv	BOBJ1	80	After	Interior Girder 1	0	0.95	1	1	2.285845
HS20_str_inv	BOBJ1	80	After	Interior Girder 2	0	0.95	1	1	2.245154
HS20_str_inv	BOBJ1	80	After	Interior Girder 3	0	0.95	1	1	1.838242
HS20_str_inv	BOBJ1	80	After	Interior Girder 4	0	0.95	1	1	1.841722
HS20_str_inv	BOBJ1	80	After	Interior Girder 5	0	0.95	1	1	2.237908
HS20_str_inv	BOBJ1	80	After	Interior Girder 6	0	0.95	1	1	2.289392
HS20_str_inv	BOBJ1	80	After	Right Exterior Girder	0	0.95	1	1	3.200523
HS20_str_inv	BOBJ1	87.5	Before	Left Exterior Girder	7.5	0.95	1	1	5.138901
HS20_str_inv	BOBJ1	87.5	Before	Right Exterior Girder	7.5	0.95	1	1	5.143831
HS20_str_inv	BOBJ1	87.5	After	Left Exterior Girder	7.5	0.95	1	1	3.31777
HS20_str_inv	BOBJ1	87.5	After	Right Exterior Girder	7.5	0.95	1	1	3.320884
HS20_str_inv	BOBJ1	88	Before	Left Exterior Girder	8	0.95	1	1	3.422541
HS20_str_inv	BOBJ1	88	Before	Interior Girder 1	8	0.95	1	1	3.592354
HS20_str_inv	BOBJ1	88	Before	Interior Girder 2	8	0.95	1	1	3.610714
HS20_str_inv	BOBJ1	88	Before	Interior Girder 3	8	0.95	1	1	3.433074
HS20_str_inv	BOBJ1	88	Before	Interior Girder 4	8	0.95	1	1	3.43102
HS20_str_inv	BOBJ1	88	Before	Interior Girder 5	8	0.95	1	1	3.606646
HS20_str_inv	BOBJ1	88	Before	Interior Girder 6	8	0.95	1	1	3.593517
HS20_str_inv	BOBJ1	88	Before	Right Exterior Girder	8	0.95	1	1	3.425904
HS20_str_inv	BOBJ1	88	After	Left Exterior Girder	8	0.95	1	1	3.437611
HS20_str_inv	BOBJ1	88	After	Interior Girder 1	8	0.95	1	1	3.61086
HS20_str_inv	BOBJ1	88	After	Interior Girder 2	8	0.95	1	1	3.652749
HS20_str_inv	BOBJ1	88	After	Interior Girder 3	8	0.95	1	1	3.45367
HS20_str_inv	BOBJ1	88	After	Interior Girder 4	8	0.95	1	1	3.451945
HS20_str_inv	BOBJ1	88	After	Interior Girder 5	8	0.95	1	1	3.648758

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelINonCompStrgth-Flx - Approach, Span 4-6									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
HS20_str_inv	BOBJ1	88	After	Interior Girder 6	8	0.95	1	1	3.611962
HS20_str_inv	BOBJ1	88	After	Right Exterior Girder	8	0.95	1	1	3.440878
HS20_str_inv	BOBJ1	91	Before	Interior Girder 1	11	0.95	1	1	4.070053
HS20_str_inv	BOBJ1	91	Before	Interior Girder 2	11	0.95	1	1	4.165034
HS20_str_inv	BOBJ1	91	Before	Interior Girder 3	11	0.95	1	1	4.077961
HS20_str_inv	BOBJ1	91	Before	Interior Girder 4	11	0.95	1	1	4.075873
HS20_str_inv	BOBJ1	91	Before	Interior Girder 5	11	0.95	1	1	4.161148
HS20_str_inv	BOBJ1	91	Before	Interior Girder 6	11	0.95	1	1	4.070879
HS20_str_inv	BOBJ1	91	After	Interior Girder 1	11	0.95	1	1	1.664313
HS20_str_inv	BOBJ1	91	After	Interior Girder 2	11	0.95	1	1	1.744847
HS20_str_inv	BOBJ1	91	After	Interior Girder 3	11	0.95	1	1	1.687254
HS20_str_inv	BOBJ1	91	After	Interior Girder 4	11	0.95	1	1	1.686467
HS20_str_inv	BOBJ1	91	After	Interior Girder 5	11	0.95	1	1	1.743145
HS20_str_inv	BOBJ1	91	After	Interior Girder 6	11	0.95	1	1	1.664716
HS20_str_inv	BOBJ1	96	Before	Left Exterior Girder	16	0.95	1	1	5.05998
HS20_str_inv	BOBJ1	96	Before	Interior Girder 1	16	0.95	1	1	2.267554
HS20_str_inv	BOBJ1	96	Before	Interior Girder 2	16	0.95	1	1	2.387632
HS20_str_inv	BOBJ1	96	Before	Interior Girder 3	16	0.95	1	1	2.505948
HS20_str_inv	BOBJ1	96	Before	Interior Girder 4	16	0.95	1	1	2.504814
HS20_str_inv	BOBJ1	96	Before	Interior Girder 5	16	0.95	1	1	2.386011
HS20_str_inv	BOBJ1	96	Before	Interior Girder 6	16	0.95	1	1	2.267729
HS20_str_inv	BOBJ1	96	Before	Right Exterior Girder	16	0.95	1	1	5.063753
HS20_str_inv	BOBJ1	96	After	Left Exterior Girder	16	0.95	1	1	2.46378
HS20_str_inv	BOBJ1	96	After	Interior Girder 1	16	0.95	1	1	2.681557
HS20_str_inv	BOBJ1	96	After	Interior Girder 2	16	0.95	1	1	2.792398
HS20_str_inv	BOBJ1	96	After	Interior Girder 3	16	0.95	1	1	2.892655
HS20_str_inv	BOBJ1	96	After	Interior Girder 4	16	0.95	1	1	2.891467
HS20_str_inv	BOBJ1	96	After	Interior Girder 5	16	0.95	1	1	2.790325
HS20_str_inv	BOBJ1	96	After	Interior Girder 6	16	0.95	1	1	2.681871
HS20_str_inv	BOBJ1	96	After	Right Exterior Girder	16	0.95	1	1	2.465706
HS20_str_inv	BOBJ1	104	Before	Left Exterior Girder	24	0.95	1	1	2.448976
HS20_str_inv	BOBJ1	104	Before	Interior Girder 1	24	0.95	1	1	2.040674
HS20_str_inv	BOBJ1	104	Before	Interior Girder 2	24	0.95	1	1	1.950355
HS20_str_inv	BOBJ1	104	Before	Interior Girder 3	24	0.95	1	1	1.917082
HS20_str_inv	BOBJ1	104	Before	Interior Girder 4	24	0.95	1	1	1.929439
HS20_str_inv	BOBJ1	104	Before	Interior Girder 5	24	0.95	1	1	1.947718
HS20_str_inv	BOBJ1	104	Before	Interior Girder 6	24	0.95	1	1	2.045649
HS20_str_inv	BOBJ1	104	Before	Right Exterior Girder	24	0.95	1	1	2.451424
HS20_str_inv	BOBJ1	104	After	Left Exterior Girder	24	0.95	1	1	2.51778
HS20_str_inv	BOBJ1	104	After	Interior Girder 1	24	0.95	1	1	2.007043
HS20_str_inv	BOBJ1	104	After	Interior Girder 2	24	0.95	1	1	1.94743
HS20_str_inv	BOBJ1	104	After	Interior Girder 3	24	0.95	1	1	1.945086
HS20_str_inv	BOBJ1	104	After	Interior Girder 4	24	0.95	1	1	1.960613
HS20_str_inv	BOBJ1	104	After	Interior Girder 5	24	0.95	1	1	1.947364
HS20_str_inv	BOBJ1	104	After	Interior Girder 6	24	0.95	1	1	2.011609
HS20_str_inv	BOBJ1	104	After	Right Exterior Girder	24	0.95	1	1	2.519651
HS20_str_inv	BOBJ1	112	Before	Left Exterior Girder	32	0.95	1	1	1.595309
HS20_str_inv	BOBJ1	112	Before	Interior Girder 1	32	0.95	1	1	1.553352
HS20_str_inv	BOBJ1	112	Before	Interior Girder 2	32	0.95	1	1	1.551932
HS20_str_inv	BOBJ1	112	Before	Interior Girder 3	32	0.95	1	1	1.559141
HS20_str_inv	BOBJ1	112	Before	Interior Girder 4	32	0.95	1	1	1.560938
HS20_str_inv	BOBJ1	112	Before	Interior Girder 5	32	0.95	1	1	1.553576
HS20_str_inv	BOBJ1	112	Before	Interior Girder 6	32	0.95	1	1	1.553103
HS20_str_inv	BOBJ1	112	Before	Right Exterior Girder	32	0.95	1	1	1.597269
HS20_str_inv	BOBJ1	112	After	Left Exterior Girder	32	0.95	1	1	1.621743
HS20_str_inv	BOBJ1	112	After	Interior Girder 1	32	0.95	1	1	1.537129
HS20_str_inv	BOBJ1	112	After	Interior Girder 2	32	0.95	1	1	1.546549
HS20_str_inv	BOBJ1	112	After	Interior Girder 3	32	0.95	1	1	1.56222
HS20_str_inv	BOBJ1	112	After	Interior Girder 4	32	0.95	1	1	1.563619
HS20_str_inv	BOBJ1	112	After	Interior Girder 5	32	0.95	1	1	1.548952
HS20_str_inv	BOBJ1	112	After	Interior Girder 6	32	0.95	1	1	1.536916
HS20_str_inv	BOBJ1	112	After	Right Exterior Girder	32	0.95	1	1	1.62365
HS20_str_inv	BOBJ1	120	Before	Left Exterior Girder	40	0.95	1	1	1.494133
HS20_str_inv	BOBJ1	120	Before	Interior Girder 1	40	0.95	1	1	1.362892
HS20_str_inv	BOBJ1	120	Before	Interior Girder 2	40	0.95	1	1	1.36105

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelINonCompStrgth-Flx - Approach, Span 4-6									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
HS20_str_inv	BOBJ1	120	Before	Interior Girder 3	40	0.95	1	1	1.376914
HS20_str_inv	BOBJ1	120	Before	Interior Girder 4	40	0.95	1	1	1.383474
HS20_str_inv	BOBJ1	120	Before	Interior Girder 5	40	0.95	1	1	1.358653
HS20_str_inv	BOBJ1	120	Before	Interior Girder 6	40	0.95	1	1	1.365516
HS20_str_inv	BOBJ1	120	Before	Right Exterior Girder	40	0.95	1	1	1.495467
HS20_str_inv	BOBJ1	120	After	Left Exterior Girder	40	0.95	1	1	1.496485
HS20_str_inv	BOBJ1	120	After	Interior Girder 1	40	0.95	1	1	1.361575
HS20_str_inv	BOBJ1	120	After	Interior Girder 2	40	0.95	1	1	1.360787
HS20_str_inv	BOBJ1	120	After	Interior Girder 3	40	0.95	1	1	1.377146
HS20_str_inv	BOBJ1	120	After	Interior Girder 4	40	0.95	1	1	1.383461
HS20_str_inv	BOBJ1	120	After	Interior Girder 5	40	0.95	1	1	1.358345
HS20_str_inv	BOBJ1	120	After	Interior Girder 6	40	0.95	1	1	1.364204
HS20_str_inv	BOBJ1	120	After	Right Exterior Girder	40	0.95	1	1	1.497824
HS20_str_inv	BOBJ1	128	Before	Left Exterior Girder	48	0.95	1	1	1.593954
HS20_str_inv	BOBJ1	128	Before	Interior Girder 1	48	0.95	1	1	1.524427
HS20_str_inv	BOBJ1	128	Before	Interior Girder 2	48	0.95	1	1	1.535635
HS20_str_inv	BOBJ1	128	Before	Interior Girder 3	48	0.95	1	1	1.552319
HS20_str_inv	BOBJ1	128	Before	Interior Girder 4	48	0.95	1	1	1.553712
HS20_str_inv	BOBJ1	128	Before	Interior Girder 5	48	0.95	1	1	1.537955
HS20_str_inv	BOBJ1	128	Before	Interior Girder 6	48	0.95	1	1	1.524218
HS20_str_inv	BOBJ1	128	Before	Right Exterior Girder	48	0.95	1	1	1.595824
HS20_str_inv	BOBJ1	128	After	Left Exterior Girder	48	0.95	1	1	1.571676
HS20_str_inv	BOBJ1	128	After	Interior Girder 1	48	0.95	1	1	1.536934
HS20_str_inv	BOBJ1	128	After	Interior Girder 2	48	0.95	1	1	1.540771
HS20_str_inv	BOBJ1	128	After	Interior Girder 3	48	0.95	1	1	1.549964
HS20_str_inv	BOBJ1	128	After	Interior Girder 4	48	0.95	1	1	1.551683
HS20_str_inv	BOBJ1	128	After	Interior Girder 5	48	0.95	1	1	1.542309
HS20_str_inv	BOBJ1	128	After	Interior Girder 6	48	0.95	1	1	1.536694
HS20_str_inv	BOBJ1	128	After	Right Exterior Girder	48	0.95	1	1	1.573598
HS20_str_inv	BOBJ1	136	Before	Left Exterior Girder	56	0.95	1	1	2.422511
HS20_str_inv	BOBJ1	136	Before	Interior Girder 1	56	0.95	1	1	1.972484
HS20_str_inv	BOBJ1	136	Before	Interior Girder 2	56	0.95	1	1	1.921679
HS20_str_inv	BOBJ1	136	Before	Interior Girder 3	56	0.95	1	1	1.92203
HS20_str_inv	BOBJ1	136	Before	Interior Girder 4	56	0.95	1	1	1.937188
HS20_str_inv	BOBJ1	136	Before	Interior Girder 5	56	0.95	1	1	1.921453
HS20_str_inv	BOBJ1	136	Before	Interior Girder 6	56	0.95	1	1	1.976886
HS20_str_inv	BOBJ1	136	Before	Right Exterior Girder	56	0.95	1	1	2.424334
HS20_str_inv	BOBJ1	136	After	Left Exterior Girder	56	0.95	1	1	2.360959
HS20_str_inv	BOBJ1	136	After	Interior Girder 1	56	0.95	1	1	2.002231
HS20_str_inv	BOBJ1	136	After	Interior Girder 2	56	0.95	1	1	1.924825
HS20_str_inv	BOBJ1	136	After	Interior Girder 3	56	0.95	1	1	1.896209
HS20_str_inv	BOBJ1	136	After	Interior Girder 4	56	0.95	1	1	1.90788
HS20_str_inv	BOBJ1	136	After	Interior Girder 5	56	0.95	1	1	1.921968
HS20_str_inv	BOBJ1	136	After	Interior Girder 6	56	0.95	1	1	2.007018
HS20_str_inv	BOBJ1	136	After	Right Exterior Girder	56	0.95	1	1	2.363309
HS20_str_inv	BOBJ1	144	Before	Left Exterior Girder	64	0.95	1	1	2.441271
HS20_str_inv	BOBJ1	144	Before	Interior Girder 1	64	0.95	1	1	2.636635
HS20_str_inv	BOBJ1	144	Before	Interior Girder 2	64	0.95	1	1	2.766275
HS20_str_inv	BOBJ1	144	Before	Interior Girder 3	64	0.95	1	1	2.892293
HS20_str_inv	BOBJ1	144	Before	Interior Girder 4	64	0.95	1	1	2.891182
HS20_str_inv	BOBJ1	144	Before	Interior Girder 5	64	0.95	1	1	2.764365
HS20_str_inv	BOBJ1	144	Before	Interior Girder 6	64	0.95	1	1	2.636949
HS20_str_inv	BOBJ1	144	Before	Right Exterior Girder	64	0.95	1	1	2.443094
HS20_str_inv	BOBJ1	144	After	Left Exterior Girder	64	0.95	1	1	4.614168
HS20_str_inv	BOBJ1	144	After	Interior Girder 1	64	0.95	1	1	2.226199
HS20_str_inv	BOBJ1	144	After	Interior Girder 2	64	0.95	1	1	2.365387
HS20_str_inv	BOBJ1	144	After	Interior Girder 3	64	0.95	1	1	2.505554
HS20_str_inv	BOBJ1	144	After	Interior Girder 4	64	0.95	1	1	2.504478
HS20_str_inv	BOBJ1	144	After	Interior Girder 5	64	0.95	1	1	2.363894
HS20_str_inv	BOBJ1	144	After	Interior Girder 6	64	0.95	1	1	2.226391
HS20_str_inv	BOBJ1	144	After	Right Exterior Girder	64	0.95	1	1	4.617457
HS20_str_inv	BOBJ1	150	Before	Interior Girder 1	70	0.95	1	1	1.519938
HS20_str_inv	BOBJ1	150	Before	Interior Girder 2	70	0.95	1	1	1.610001
HS20_str_inv	BOBJ1	150	Before	Interior Girder 3	70	0.95	1	1	1.558502
HS20_str_inv	BOBJ1	150	Before	Interior Girder 4	70	0.95	1	1	1.557785

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelINonCompStrgth-Flx - Approach, Span 4-E									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
HS20_str_inv	BOBJ1	150	Before	Interior Girder 5	70	0.95	1	1	1.608454
HS20_str_inv	BOBJ1	150	Before	Interior Girder 6	70	0.95	1	1	1.520327
HS20_str_inv	BOBJ1	150	After	Interior Girder 1	70	0.95	1	1	3.582669
HS20_str_inv	BOBJ1	150	After	Interior Girder 2	70	0.95	1	1	3.685008
HS20_str_inv	BOBJ1	150	After	Interior Girder 3	70	0.95	1	1	3.615733
HS20_str_inv	BOBJ1	150	After	Interior Girder 4	70	0.95	1	1	3.613909
HS20_str_inv	BOBJ1	150	After	Interior Girder 5	70	0.95	1	1	3.681616
HS20_str_inv	BOBJ1	150	After	Interior Girder 6	70	0.95	1	1	3.583435
HS20_str_inv	BOBJ1	152	Before	Left Exterior Girder	72	0.95	1	1	3.074117
HS20_str_inv	BOBJ1	152	Before	Interior Girder 1	72	0.95	1	1	3.279027
HS20_str_inv	BOBJ1	152	Before	Interior Girder 2	72	0.95	1	1	3.364464
HS20_str_inv	BOBJ1	152	Before	Interior Girder 3	72	0.95	1	1	3.226077
HS20_str_inv	BOBJ1	152	Before	Interior Girder 4	72	0.95	1	1	3.224494
HS20_str_inv	BOBJ1	152	Before	Interior Girder 5	72	0.95	1	1	3.36102
HS20_str_inv	BOBJ1	152	Before	Interior Girder 6	72	0.95	1	1	3.279962
HS20_str_inv	BOBJ1	152	Before	Right Exterior Girder	72	0.95	1	1	3.076928
HS20_str_inv	BOBJ1	152	After	Left Exterior Girder	72	0.95	1	1	3.084207
HS20_str_inv	BOBJ1	152	After	Interior Girder 1	72	0.95	1	1	3.254033
HS20_str_inv	BOBJ1	152	After	Interior Girder 2	72	0.95	1	1	3.330293
HS20_str_inv	BOBJ1	152	After	Interior Girder 3	72	0.95	1	1	3.20859
HS20_str_inv	BOBJ1	152	After	Interior Girder 4	72	0.95	1	1	3.206722
HS20_str_inv	BOBJ1	152	After	Interior Girder 5	72	0.95	1	1	3.326775
HS20_str_inv	BOBJ1	152	After	Interior Girder 6	72	0.95	1	1	3.254994
HS20_str_inv	BOBJ1	152	After	Right Exterior Girder	72	0.95	1	1	3.087108
HS20_str_inv	BOBJ1	154	Before	Left Exterior Girder	74	0.95	1	1	2.697297
HS20_str_inv	BOBJ1	154	Before	Right Exterior Girder	74	0.95	1	1	2.699821
HS20_str_inv	BOBJ1	154	After	Left Exterior Girder	74	0.95	1	1	4.229545
HS20_str_inv	BOBJ1	154	After	Right Exterior Girder	74	0.95	1	1	4.23357
HS20_str_inv	BOBJ1	160	Before	Left Exterior Girder	80	0.95	1	1	2.93057
HS20_str_inv	BOBJ1	160	Before	Interior Girder 1	80	0.95	1	1	2.115782
HS20_str_inv	BOBJ1	160	Before	Interior Girder 2	80	0.95	1	1	2.1017
HS20_str_inv	BOBJ1	160	Before	Interior Girder 3	80	0.95	1	1	1.729453
HS20_str_inv	BOBJ1	160	Before	Interior Girder 4	80	0.95	1	1	1.732615
HS20_str_inv	BOBJ1	160	Before	Interior Girder 5	80	0.95	1	1	2.094668
HS20_str_inv	BOBJ1	160	Before	Interior Girder 6	80	0.95	1	1	2.116724
HS20_str_inv	BOBJ1	160	Before	Right Exterior Girder	80	0.95	1	1	2.933624
HS20_str_inv	BOBJ1	160	After	Left Exterior Girder	0	0.95	1	1	2.894303
HS20_str_inv	BOBJ1	160	After	Interior Girder 1	0	0.95	1	1	2.055137
HS20_str_inv	BOBJ1	160	After	Interior Girder 2	0	0.95	1	1	2.057635
HS20_str_inv	BOBJ1	160	After	Interior Girder 3	0	0.95	1	1	1.702163
HS20_str_inv	BOBJ1	160	After	Interior Girder 4	0	0.95	1	1	1.704625
HS20_str_inv	BOBJ1	160	After	Interior Girder 5	0	0.95	1	1	2.054159
HS20_str_inv	BOBJ1	160	After	Interior Girder 6	0	0.95	1	1	2.058179
HS20_str_inv	BOBJ1	160	After	Right Exterior Girder	0	0.95	1	1	2.897766
HS20_str_inv	BOBJ1	166	Before	Left Exterior Girder	6	0.95	1	1	4.361967
HS20_str_inv	BOBJ1	166	Before	Right Exterior Girder	6	0.95	1	1	4.366631
HS20_str_inv	BOBJ1	166	After	Left Exterior Girder	6	0.95	1	1	2.815303
HS20_str_inv	BOBJ1	166	After	Right Exterior Girder	6	0.95	1	1	2.81827
HS20_str_inv	BOBJ1	168	Before	Left Exterior Girder	8	0.95	1	1	3.238752
HS20_str_inv	BOBJ1	168	Before	Interior Girder 1	8	0.95	1	1	3.581698
HS20_str_inv	BOBJ1	168	Before	Interior Girder 2	8	0.95	1	1	3.649451
HS20_str_inv	BOBJ1	168	Before	Interior Girder 3	8	0.95	1	1	3.499042
HS20_str_inv	BOBJ1	168	Before	Interior Girder 4	8	0.95	1	1	3.497382
HS20_str_inv	BOBJ1	168	Before	Interior Girder 5	8	0.95	1	1	3.646079
HS20_str_inv	BOBJ1	168	Before	Interior Girder 6	8	0.95	1	1	3.582795
HS20_str_inv	BOBJ1	168	Before	Right Exterior Girder	8	0.95	1	1	3.241966
HS20_str_inv	BOBJ1	168	After	Left Exterior Girder	8	0.95	1	1	3.199578
HS20_str_inv	BOBJ1	168	After	Interior Girder 1	8	0.95	1	1	3.643918
HS20_str_inv	BOBJ1	168	After	Interior Girder 2	8	0.95	1	1	3.692399
HS20_str_inv	BOBJ1	168	After	Interior Girder 3	8	0.95	1	1	3.526143
HS20_str_inv	BOBJ1	168	After	Interior Girder 4	8	0.95	1	1	3.524307
HS20_str_inv	BOBJ1	168	After	Interior Girder 5	8	0.95	1	1	3.689258
HS20_str_inv	BOBJ1	168	After	Interior Girder 6	8	0.95	1	1	3.645014
HS20_str_inv	BOBJ1	168	After	Right Exterior Girder	8	0.95	1	1	3.202696
HS20_str_inv	BOBJ1	170	Before	Interior Girder 1	10	0.95	1	1	4.011384

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelINonCompStrgth-Flx - Approach, Span 4-6									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
HS20_str_inv	BOBJ1	170	Before	Interior Girder 2	10	0.95	1	1	4.065739
HS20_str_inv	BOBJ1	170	Before	Interior Girder 3	10	0.95	1	1	3.973621
HS20_str_inv	BOBJ1	170	Before	Interior Girder 4	10	0.95	1	1	3.971477
HS20_str_inv	BOBJ1	170	Before	Interior Girder 5	10	0.95	1	1	4.062612
HS20_str_inv	BOBJ1	170	Before	Interior Girder 6	10	0.95	1	1	4.012297
HS20_str_inv	BOBJ1	170	After	Interior Girder 1	10	0.95	1	1	1.882617
HS20_str_inv	BOBJ1	170	After	Interior Girder 2	10	0.95	1	1	1.958123
HS20_str_inv	BOBJ1	170	After	Interior Girder 3	10	0.95	1	1	1.885137
HS20_str_inv	BOBJ1	170	After	Interior Girder 4	10	0.95	1	1	1.884202
HS20_str_inv	BOBJ1	170	After	Interior Girder 5	10	0.95	1	1	1.956538
HS20_str_inv	BOBJ1	170	After	Interior Girder 6	10	0.95	1	1	1.883131
HS20_str_inv	BOBJ1	176	Before	Left Exterior Girder	16	0.95	1	1	4.748018
HS20_str_inv	BOBJ1	176	Before	Interior Girder 1	16	0.95	1	1	2.803806
HS20_str_inv	BOBJ1	176	Before	Interior Girder 2	16	0.95	1	1	2.633322
HS20_str_inv	BOBJ1	176	Before	Interior Girder 3	16	0.95	1	1	2.576126
HS20_str_inv	BOBJ1	176	Before	Interior Girder 4	16	0.95	1	1	2.586747
HS20_str_inv	BOBJ1	176	Before	Interior Girder 5	16	0.95	1	1	2.639068
HS20_str_inv	BOBJ1	176	Before	Interior Girder 6	16	0.95	1	1	2.804054
HS20_str_inv	BOBJ1	176	Before	Right Exterior Girder	16	0.95	1	1	4.752724
HS20_str_inv	BOBJ1	176	After	Left Exterior Girder	16	0.95	1	1	4.930399
HS20_str_inv	BOBJ1	176	After	Interior Girder 1	16	0.95	1	1	2.840574
HS20_str_inv	BOBJ1	176	After	Interior Girder 2	16	0.95	1	1	2.610705
HS20_str_inv	BOBJ1	176	After	Interior Girder 3	16	0.95	1	1	2.614432
HS20_str_inv	BOBJ1	176	After	Interior Girder 4	16	0.95	1	1	2.621262
HS20_str_inv	BOBJ1	176	After	Interior Girder 5	16	0.95	1	1	2.615774
HS20_str_inv	BOBJ1	176	After	Interior Girder 6	16	0.95	1	1	2.840909
HS20_str_inv	BOBJ1	176	After	Right Exterior Girder	16	0.95	1	1	4.935282
HS20_str_inv	BOBJ1	181	Before	Interior Girder 1	21	0.95	1	1	1.666099
HS20_str_inv	BOBJ1	181	Before	Interior Girder 2	21	0.95	1	1	1.577998
HS20_str_inv	BOBJ1	181	Before	Interior Girder 3	21	0.95	1	1	1.544013
HS20_str_inv	BOBJ1	181	Before	Interior Girder 4	21	0.95	1	1	1.552152
HS20_str_inv	BOBJ1	181	Before	Interior Girder 5	21	0.95	1	1	1.57541
HS20_str_inv	BOBJ1	181	Before	Interior Girder 6	21	0.95	1	1	1.669376
HS20_str_inv	BOBJ1	181	After	Interior Girder 1	21	0.95	1	1	2.969931
HS20_str_inv	BOBJ1	181	After	Interior Girder 2	21	0.95	1	1	2.785465
HS20_str_inv	BOBJ1	181	After	Interior Girder 3	21	0.95	1	1	2.797907
HS20_str_inv	BOBJ1	181	After	Interior Girder 4	21	0.95	1	1	2.81433
HS20_str_inv	BOBJ1	181	After	Interior Girder 5	21	0.95	1	1	2.780576
HS20_str_inv	BOBJ1	181	After	Interior Girder 6	21	0.95	1	1	2.975798
HS20_str_inv	BOBJ1	184	Before	Left Exterior Girder	24	0.95	1	1	2.853173
HS20_str_inv	BOBJ1	184	Before	Interior Girder 1	24	0.95	1	1	2.404215
HS20_str_inv	BOBJ1	184	Before	Interior Girder 2	24	0.95	1	1	2.311202
HS20_str_inv	BOBJ1	184	Before	Interior Girder 3	24	0.95	1	1	2.326157
HS20_str_inv	BOBJ1	184	Before	Interior Girder 4	24	0.95	1	1	2.334859
HS20_str_inv	BOBJ1	184	Before	Interior Girder 5	24	0.95	1	1	2.306049
HS20_str_inv	BOBJ1	184	Before	Interior Girder 6	24	0.95	1	1	2.409015
HS20_str_inv	BOBJ1	184	Before	Right Exterior Girder	24	0.95	1	1	2.855315
HS20_str_inv	BOBJ1	184	After	Left Exterior Girder	24	0.95	1	1	2.916135
HS20_str_inv	BOBJ1	184	After	Interior Girder 1	24	0.95	1	1	2.374614
HS20_str_inv	BOBJ1	184	After	Interior Girder 2	24	0.95	1	1	2.315326
HS20_str_inv	BOBJ1	184	After	Interior Girder 3	24	0.95	1	1	2.352153
HS20_str_inv	BOBJ1	184	After	Interior Girder 4	24	0.95	1	1	2.368168
HS20_str_inv	BOBJ1	184	After	Interior Girder 5	24	0.95	1	1	2.312259
HS20_str_inv	BOBJ1	184	After	Interior Girder 6	24	0.95	1	1	2.379068
HS20_str_inv	BOBJ1	184	After	Right Exterior Girder	24	0.95	1	1	2.918171
HS20_str_inv	BOBJ1	192	Before	Left Exterior Girder	32	0.95	1	1	1.834628
HS20_str_inv	BOBJ1	192	Before	Interior Girder 1	32	0.95	1	1	1.656753
HS20_str_inv	BOBJ1	192	Before	Interior Girder 2	32	0.95	1	1	1.691869
HS20_str_inv	BOBJ1	192	Before	Interior Girder 3	32	0.95	1	1	1.719728
HS20_str_inv	BOBJ1	192	Before	Interior Girder 4	32	0.95	1	1	1.721561
HS20_str_inv	BOBJ1	192	Before	Interior Girder 5	32	0.95	1	1	1.691424
HS20_str_inv	BOBJ1	192	Before	Interior Girder 6	32	0.95	1	1	1.656655
HS20_str_inv	BOBJ1	192	Before	Right Exterior Girder	32	0.95	1	1	1.836712
HS20_str_inv	BOBJ1	192	After	Left Exterior Girder	32	0.95	1	1	1.873208
HS20_str_inv	BOBJ1	192	After	Interior Girder 1	32	0.95	1	1	1.635251

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelINonCompStrgth-Flx - Approach, Span 4-E									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
HS20_str_inv	BOBJ1	192	After	Interior Girder 2	32	0.95	1	1	1.68535
HS20_str_inv	BOBJ1	192	After	Interior Girder 3	32	0.95	1	1	1.718473
HS20_str_inv	BOBJ1	192	After	Interior Girder 4	32	0.95	1	1	1.720576
HS20_str_inv	BOBJ1	192	After	Interior Girder 5	32	0.95	1	1	1.685634
HS20_str_inv	BOBJ1	192	After	Interior Girder 6	32	0.95	1	1	1.635196
HS20_str_inv	BOBJ1	192	After	Right Exterior Girder	32	0.95	1	1	1.875002
HS20_str_inv	BOBJ1	200	Before	Left Exterior Girder	40	0.95	1	1	1.539116
HS20_str_inv	BOBJ1	200	Before	Interior Girder 1	40	0.95	1	1	1.301642
HS20_str_inv	BOBJ1	200	Before	Interior Girder 2	40	0.95	1	1	1.343147
HS20_str_inv	BOBJ1	200	Before	Interior Girder 3	40	0.95	1	1	1.387662
HS20_str_inv	BOBJ1	200	Before	Interior Girder 4	40	0.95	1	1	1.390411
HS20_str_inv	BOBJ1	200	Before	Interior Girder 5	40	0.95	1	1	1.340717
HS20_str_inv	BOBJ1	200	Before	Interior Girder 6	40	0.95	1	1	1.303412
HS20_str_inv	BOBJ1	200	Before	Right Exterior Girder	40	0.95	1	1	1.540426
HS20_str_inv	BOBJ1	200	After	Left Exterior Girder	40	0.95	1	1	1.553882
HS20_str_inv	BOBJ1	200	After	Interior Girder 1	40	0.95	1	1	1.29543
HS20_str_inv	BOBJ1	200	After	Interior Girder 2	40	0.95	1	1	1.347026
HS20_str_inv	BOBJ1	200	After	Interior Girder 3	40	0.95	1	1	1.390805
HS20_str_inv	BOBJ1	200	After	Interior Girder 4	40	0.95	1	1	1.395391
HS20_str_inv	BOBJ1	200	After	Interior Girder 5	40	0.95	1	1	1.344614
HS20_str_inv	BOBJ1	200	After	Interior Girder 6	40	0.95	1	1	1.297102
HS20_str_inv	BOBJ1	200	After	Right Exterior Girder	40	0.95	1	1	1.555165
HS20_str_inv	BOBJ1	208	Before	Left Exterior Girder	48	0.95	1	1	1.429304
HS20_str_inv	BOBJ1	208	Before	Interior Girder 1	48	0.95	1	1	1.246239
HS20_str_inv	BOBJ1	208	Before	Interior Girder 2	48	0.95	1	1	1.316342
HS20_str_inv	BOBJ1	208	Before	Interior Girder 3	48	0.95	1	1	1.355232
HS20_str_inv	BOBJ1	208	Before	Interior Girder 4	48	0.95	1	1	1.356344
HS20_str_inv	BOBJ1	208	Before	Interior Girder 5	48	0.95	1	1	1.315694
HS20_str_inv	BOBJ1	208	Before	Interior Girder 6	48	0.95	1	1	1.246203
HS20_str_inv	BOBJ1	208	Before	Right Exterior Girder	48	0.95	1	1	1.430791
HS20_str_inv	BOBJ1	208	After	Left Exterior Girder	48	0.95	1	1	1.423281
HS20_str_inv	BOBJ1	208	After	Interior Girder 1	48	0.95	1	1	1.24624
HS20_str_inv	BOBJ1	208	After	Interior Girder 2	48	0.95	1	1	1.317659
HS20_str_inv	BOBJ1	208	After	Interior Girder 3	48	0.95	1	1	1.352779
HS20_str_inv	BOBJ1	208	After	Interior Girder 4	48	0.95	1	1	1.353552
HS20_str_inv	BOBJ1	208	After	Interior Girder 5	48	0.95	1	1	1.317126
HS20_str_inv	BOBJ1	208	After	Interior Girder 6	48	0.95	1	1	1.246195
HS20_str_inv	BOBJ1	208	After	Right Exterior Girder	48	0.95	1	1	1.424812
HS20_str_inv	BOBJ1	216	Before	Left Exterior Girder	56	0.95	1	1	1.667891
HS20_str_inv	BOBJ1	216	Before	Interior Girder 1	56	0.95	1	1	1.370576
HS20_str_inv	BOBJ1	216	Before	Interior Girder 2	56	0.95	1	1	1.406679
HS20_str_inv	BOBJ1	216	Before	Interior Girder 3	56	0.95	1	1	1.462247
HS20_str_inv	BOBJ1	216	Before	Interior Girder 4	56	0.95	1	1	1.468831
HS20_str_inv	BOBJ1	216	Before	Interior Girder 5	56	0.95	1	1	1.404008
HS20_str_inv	BOBJ1	216	Before	Interior Girder 6	56	0.95	1	1	1.37246
HS20_str_inv	BOBJ1	216	Before	Right Exterior Girder	56	0.95	1	1	1.6691
HS20_str_inv	BOBJ1	216	After	Left Exterior Girder	56	0.95	1	1	1.641636
HS20_str_inv	BOBJ1	216	After	Interior Girder 1	56	0.95	1	1	1.37745
HS20_str_inv	BOBJ1	216	After	Interior Girder 2	56	0.95	1	1	1.405862
HS20_str_inv	BOBJ1	216	After	Interior Girder 3	56	0.95	1	1	1.444826
HS20_str_inv	BOBJ1	216	After	Interior Girder 4	56	0.95	1	1	1.447689
HS20_str_inv	BOBJ1	216	After	Interior Girder 5	56	0.95	1	1	1.403214
HS20_str_inv	BOBJ1	216	After	Interior Girder 6	56	0.95	1	1	1.379835
HS20_str_inv	BOBJ1	216	After	Right Exterior Girder	56	0.95	1	1	1.643064
HS20_str_inv	BOBJ1	224	Before	Left Exterior Girder	64	0.95	1	1	2.237338
HS20_str_inv	BOBJ1	224	Before	Interior Girder 1	64	0.95	1	1	1.910056
HS20_str_inv	BOBJ1	224	Before	Interior Girder 2	64	0.95	1	1	1.91957
HS20_str_inv	BOBJ1	224	Before	Interior Girder 3	64	0.95	1	1	1.967962
HS20_str_inv	BOBJ1	224	Before	Interior Girder 4	64	0.95	1	1	1.969969
HS20_str_inv	BOBJ1	224	Before	Interior Girder 5	64	0.95	1	1	1.921157
HS20_str_inv	BOBJ1	224	Before	Interior Girder 6	64	0.95	1	1	1.909884
HS20_str_inv	BOBJ1	224	Before	Right Exterior Girder	64	0.95	1	1	2.239604
HS20_str_inv	BOBJ1	224	After	Left Exterior Girder	64	0.95	1	1	2.174953
HS20_str_inv	BOBJ1	224	After	Interior Girder 1	64	0.95	1	1	1.947392
HS20_str_inv	BOBJ1	224	After	Interior Girder 2	64	0.95	1	1	1.916093

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelINonCompStrgth-Flx - Approach, Span 4-6									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
HS20_str_inv	BOBJ1	224	After	Interior Girder 3	64	0.95	1	1	1.94817
HS20_str_inv	BOBJ1	224	After	Interior Girder 4	64	0.95	1	1	1.94917
HS20_str_inv	BOBJ1	224	After	Interior Girder 5	64	0.95	1	1	1.915659
HS20_str_inv	BOBJ1	224	After	Interior Girder 6	64	0.95	1	1	1.947208
HS20_str_inv	BOBJ1	224	After	Right Exterior Girder	64	0.95	1	1	2.177368
HS20_str_inv	BOBJ1	232	Before	Left Exterior Girder	72	0.95	1	1	4.626726
HS20_str_inv	BOBJ1	232	Before	Interior Girder 1	72	0.95	1	1	3.5037
HS20_str_inv	BOBJ1	232	Before	Interior Girder 2	72	0.95	1	1	3.337184
HS20_str_inv	BOBJ1	232	Before	Interior Girder 3	72	0.95	1	1	3.377544
HS20_str_inv	BOBJ1	232	Before	Interior Girder 4	72	0.95	1	1	3.408045
HS20_str_inv	BOBJ1	232	Before	Interior Girder 5	72	0.95	1	1	3.342216
HS20_str_inv	BOBJ1	232	Before	Interior Girder 6	72	0.95	1	1	3.511638
HS20_str_inv	BOBJ1	232	Before	Right Exterior Girder	72	0.95	1	1	4.630165
HS20_str_inv	BOBJ1	232	After	Left Exterior Girder	72	0.95	1	1	4.575815
HS20_str_inv	BOBJ1	232	After	Interior Girder 1	72	0.95	1	1	3.49247
HS20_str_inv	BOBJ1	232	After	Interior Girder 2	72	0.95	1	1	3.292221
HS20_str_inv	BOBJ1	232	After	Interior Girder 3	72	0.95	1	1	3.230806
HS20_str_inv	BOBJ1	232	After	Interior Girder 4	72	0.95	1	1	3.249803
HS20_str_inv	BOBJ1	232	After	Interior Girder 5	72	0.95	1	1	3.287852
HS20_str_inv	BOBJ1	232	After	Interior Girder 6	72	0.95	1	1	3.502762
HS20_str_inv	BOBJ1	232	After	Right Exterior Girder	72	0.95	1	1	4.580439
HS20_str_inv	BOBJ1	240	Before	Left Exterior Girder	80	0.95	1	1	45.493974
HS20_str_inv	BOBJ1	240	Before	Interior Girder 1	80	0.95	1	1	25.624805
HS20_str_inv	BOBJ1	240	Before	Interior Girder 2	80	0.95	1	1	21.38918
HS20_str_inv	BOBJ1	240	Before	Interior Girder 3	80	0.95	1	1	14.70503
HS20_str_inv	BOBJ1	240	Before	Interior Girder 4	80	0.95	1	1	14.804552
HS20_str_inv	BOBJ1	240	Before	Interior Girder 5	80	0.95	1	1	21.141084
HS20_str_inv	BOBJ1	240	Before	Interior Girder 6	80	0.95	1	1	25.628822
HS20_str_inv	BOBJ1	240	Before	Right Exterior Girder	80	0.95	1	1	45.546861
HS15_str_opr	BOBJ1	0	After	Left Exterior Girder	0	0.95	1	1	561.263657
HS15_str_opr	BOBJ1	0	After	Interior Girder 1	0	0.95	1	1	447.358118
HS15_str_opr	BOBJ1	0	After	Interior Girder 2	0	0.95	1	1	454.487395
HS15_str_opr	BOBJ1	0	After	Interior Girder 3	0	0.95	1	1	289.922114
HS15_str_opr	BOBJ1	0	After	Interior Girder 4	0	0.95	1	1	292.259099
HS15_str_opr	BOBJ1	0	After	Interior Girder 5	0	0.95	1	1	448.425183
HS15_str_opr	BOBJ1	0	After	Interior Girder 6	0	0.95	1	1	429.318415
HS15_str_opr	BOBJ1	0	After	Right Exterior Girder	0	0.95	1	1	561.827757
HS15_str_opr	BOBJ1	8	Before	Left Exterior Girder	8	0.95	1	1	8.045651
HS15_str_opr	BOBJ1	8	Before	Interior Girder 1	8	0.95	1	1	6.271976
HS15_str_opr	BOBJ1	8	Before	Interior Girder 2	8	0.95	1	1	5.946956
HS15_str_opr	BOBJ1	8	Before	Interior Girder 3	8	0.95	1	1	5.522884
HS15_str_opr	BOBJ1	8	Before	Interior Girder 4	8	0.95	1	1	5.554016
HS15_str_opr	BOBJ1	8	Before	Interior Girder 5	8	0.95	1	1	5.927247
HS15_str_opr	BOBJ1	8	Before	Interior Girder 6	8	0.95	1	1	6.295923
HS15_str_opr	BOBJ1	8	Before	Right Exterior Girder	8	0.95	1	1	8.056099
HS15_str_opr	BOBJ1	8	After	Left Exterior Girder	8	0.95	1	1	8.177507
HS15_str_opr	BOBJ1	8	After	Interior Girder 1	8	0.95	1	1	6.243233
HS15_str_opr	BOBJ1	8	After	Interior Girder 2	8	0.95	1	1	6.068595
HS15_str_opr	BOBJ1	8	After	Interior Girder 3	8	0.95	1	1	5.766101
HS15_str_opr	BOBJ1	8	After	Interior Girder 4	8	0.95	1	1	5.796237
HS15_str_opr	BOBJ1	8	After	Interior Girder 5	8	0.95	1	1	6.050382
HS15_str_opr	BOBJ1	8	After	Interior Girder 6	8	0.95	1	1	6.264574
HS15_str_opr	BOBJ1	8	After	Right Exterior Girder	8	0.95	1	1	8.186438
HS15_str_opr	BOBJ1	16	Before	Left Exterior Girder	16	0.95	1	1	3.746291
HS15_str_opr	BOBJ1	16	Before	Interior Girder 1	16	0.95	1	1	3.734527
HS15_str_opr	BOBJ1	16	Before	Interior Girder 2	16	0.95	1	1	3.607652
HS15_str_opr	BOBJ1	16	Before	Interior Girder 3	16	0.95	1	1	3.597668
HS15_str_opr	BOBJ1	16	Before	Interior Girder 4	16	0.95	1	1	3.595801
HS15_str_opr	BOBJ1	16	Before	Interior Girder 5	16	0.95	1	1	3.607251
HS15_str_opr	BOBJ1	16	Before	Interior Girder 6	16	0.95	1	1	3.734129
HS15_str_opr	BOBJ1	16	Before	Right Exterior Girder	16	0.95	1	1	3.751051
HS15_str_opr	BOBJ1	16	After	Left Exterior Girder	16	0.95	1	1	3.840268
HS15_str_opr	BOBJ1	16	After	Interior Girder 1	16	0.95	1	1	3.680897
HS15_str_opr	BOBJ1	16	After	Interior Girder 2	16	0.95	1	1	3.618941
HS15_str_opr	BOBJ1	16	After	Interior Girder 3	16	0.95	1	1	3.653758

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelINonCompStrgth-Flx - Approach, Span 4-E									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
HS15_str_opr	BOBJ1	16	After	Interior Girder 4	16	0.95	1	1	3.655604
HS15_str_opr	BOBJ1	16	After	Interior Girder 5	16	0.95	1	1	3.621232
HS15_str_opr	BOBJ1	16	After	Interior Girder 6	16	0.95	1	1	3.680606
HS15_str_opr	BOBJ1	16	After	Right Exterior Girder	16	0.95	1	1	3.844837
HS15_str_opr	BOBJ1	20.5	Before	Left Exterior Girder	20.5	0.95	1	1	3.147548
HS15_str_opr	BOBJ1	20.5	Before	Right Exterior Girder	20.5	0.95	1	1	3.151032
HS15_str_opr	BOBJ1	20.5	After	Left Exterior Girder	20.5	0.95	1	1	4.670243
HS15_str_opr	BOBJ1	20.5	After	Right Exterior Girder	20.5	0.95	1	1	4.675255
HS15_str_opr	BOBJ1	24	Before	Left Exterior Girder	24	0.95	1	1	4.14934
HS15_str_opr	BOBJ1	24	Before	Interior Girder 1	24	0.95	1	1	2.69447
HS15_str_opr	BOBJ1	24	Before	Interior Girder 2	24	0.95	1	1	2.700708
HS15_str_opr	BOBJ1	24	Before	Interior Girder 3	24	0.95	1	1	2.732253
HS15_str_opr	BOBJ1	24	Before	Interior Girder 4	24	0.95	1	1	2.737619
HS15_str_opr	BOBJ1	24	Before	Interior Girder 5	24	0.95	1	1	2.695474
HS15_str_opr	BOBJ1	24	Before	Interior Girder 6	24	0.95	1	1	2.699159
HS15_str_opr	BOBJ1	24	Before	Right Exterior Girder	24	0.95	1	1	4.152875
HS15_str_opr	BOBJ1	24	After	Left Exterior Girder	24	0.95	1	1	4.140921
HS15_str_opr	BOBJ1	24	After	Interior Girder 1	24	0.95	1	1	2.717534
HS15_str_opr	BOBJ1	24	After	Interior Girder 2	24	0.95	1	1	2.7037
HS15_str_opr	BOBJ1	24	After	Interior Girder 3	24	0.95	1	1	2.756996
HS15_str_opr	BOBJ1	24	After	Interior Girder 4	24	0.95	1	1	2.767108
HS15_str_opr	BOBJ1	24	After	Interior Girder 5	24	0.95	1	1	2.698304
HS15_str_opr	BOBJ1	24	After	Interior Girder 6	24	0.95	1	1	2.722058
HS15_str_opr	BOBJ1	24	After	Right Exterior Girder	24	0.95	1	1	4.144291
HS15_str_opr	BOBJ1	32	Before	Left Exterior Girder	32	0.95	1	1	3.548199
HS15_str_opr	BOBJ1	32	Before	Interior Girder 1	32	0.95	1	1	2.535971
HS15_str_opr	BOBJ1	32	Before	Interior Girder 2	32	0.95	1	1	2.557062
HS15_str_opr	BOBJ1	32	Before	Interior Girder 3	32	0.95	1	1	2.595465
HS15_str_opr	BOBJ1	32	Before	Interior Girder 4	32	0.95	1	1	2.596612
HS15_str_opr	BOBJ1	32	Before	Interior Girder 5	32	0.95	1	1	2.55624
HS15_str_opr	BOBJ1	32	Before	Interior Girder 6	32	0.95	1	1	2.535798
HS15_str_opr	BOBJ1	32	Before	Right Exterior Girder	32	0.95	1	1	3.552123
HS15_str_opr	BOBJ1	32	After	Left Exterior Girder	32	0.95	1	1	3.559346
HS15_str_opr	BOBJ1	32	After	Interior Girder 1	32	0.95	1	1	2.538577
HS15_str_opr	BOBJ1	32	After	Interior Girder 2	32	0.95	1	1	2.553001
HS15_str_opr	BOBJ1	32	After	Interior Girder 3	32	0.95	1	1	2.596592
HS15_str_opr	BOBJ1	32	After	Interior Girder 4	32	0.95	1	1	2.598397
HS15_str_opr	BOBJ1	32	After	Interior Girder 5	32	0.95	1	1	2.552728
HS15_str_opr	BOBJ1	32	After	Interior Girder 6	32	0.95	1	1	2.538428
HS15_str_opr	BOBJ1	32	After	Right Exterior Girder	32	0.95	1	1	3.56319
HS15_str_opr	BOBJ1	40	Before	Left Exterior Girder	40	0.95	1	1	3.851352
HS15_str_opr	BOBJ1	40	Before	Interior Girder 1	40	0.95	1	1	2.587624
HS15_str_opr	BOBJ1	40	Before	Interior Girder 2	40	0.95	1	1	2.609786
HS15_str_opr	BOBJ1	40	Before	Interior Girder 3	40	0.95	1	1	2.670459
HS15_str_opr	BOBJ1	40	Before	Interior Girder 4	40	0.95	1	1	2.678998
HS15_str_opr	BOBJ1	40	Before	Interior Girder 5	40	0.95	1	1	2.605962
HS15_str_opr	BOBJ1	40	Before	Interior Girder 6	40	0.95	1	1	2.590959
HS15_str_opr	BOBJ1	40	Before	Right Exterior Girder	40	0.95	1	1	3.854653
HS15_str_opr	BOBJ1	40	After	Left Exterior Girder	40	0.95	1	1	3.842194
HS15_str_opr	BOBJ1	40	After	Interior Girder 1	40	0.95	1	1	2.592671
HS15_str_opr	BOBJ1	40	After	Interior Girder 2	40	0.95	1	1	2.595238
HS15_str_opr	BOBJ1	40	After	Interior Girder 3	40	0.95	1	1	2.656566
HS15_str_opr	BOBJ1	40	After	Interior Girder 4	40	0.95	1	1	2.661858
HS15_str_opr	BOBJ1	40	After	Interior Girder 5	40	0.95	1	1	2.590627
HS15_str_opr	BOBJ1	40	After	Interior Girder 6	40	0.95	1	1	2.596207
HS15_str_opr	BOBJ1	40	After	Right Exterior Girder	40	0.95	1	1	3.845575
HS15_str_opr	BOBJ1	46.5	Before	Left Exterior Girder	46.5	0.95	1	1	4.410144
HS15_str_opr	BOBJ1	46.5	Before	Right Exterior Girder	46.5	0.95	1	1	4.41431
HS15_str_opr	BOBJ1	46.5	After	Left Exterior Girder	46.5	0.95	1	1	3.034532
HS15_str_opr	BOBJ1	46.5	After	Right Exterior Girder	46.5	0.95	1	1	3.037545
HS15_str_opr	BOBJ1	48	Before	Left Exterior Girder	48	0.95	1	1	3.21234
HS15_str_opr	BOBJ1	48	Before	Interior Girder 1	48	0.95	1	1	3.187294
HS15_str_opr	BOBJ1	48	Before	Interior Girder 2	48	0.95	1	1	3.238141
HS15_str_opr	BOBJ1	48	Before	Interior Girder 3	48	0.95	1	1	3.274742
HS15_str_opr	BOBJ1	48	Before	Interior Girder 4	48	0.95	1	1	3.278728

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelINonCompStrgth-Flx - Approach, Span 4-E									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
HS15_str_opr	BOBJ1	48	Before	Interior Girder 5	48	0.95	1	1	3.2403
HS15_str_opr	BOBJ1	48	Before	Interior Girder 6	48	0.95	1	1	3.187082
HS15_str_opr	BOBJ1	48	Before	Right Exterior Girder	48	0.95	1	1	3.215583
HS15_str_opr	BOBJ1	48	After	Left Exterior Girder	48	0.95	1	1	3.154673
HS15_str_opr	BOBJ1	48	After	Interior Girder 1	48	0.95	1	1	3.22887
HS15_str_opr	BOBJ1	48	After	Interior Girder 2	48	0.95	1	1	3.241531
HS15_str_opr	BOBJ1	48	After	Interior Girder 3	48	0.95	1	1	3.268357
HS15_str_opr	BOBJ1	48	After	Interior Girder 4	48	0.95	1	1	3.271413
HS15_str_opr	BOBJ1	48	After	Interior Girder 5	48	0.95	1	1	3.240607
HS15_str_opr	BOBJ1	48	After	Interior Girder 6	48	0.95	1	1	3.228634
HS15_str_opr	BOBJ1	48	After	Right Exterior Girder	48	0.95	1	1	3.158312
HS15_str_opr	BOBJ1	56	Before	Left Exterior Girder	56	0.95	1	1	5.038034
HS15_str_opr	BOBJ1	56	Before	Interior Girder 1	56	0.95	1	1	4.484676
HS15_str_opr	BOBJ1	56	Before	Interior Girder 2	56	0.95	1	1	4.375216
HS15_str_opr	BOBJ1	56	Before	Interior Girder 3	56	0.95	1	1	4.425258
HS15_str_opr	BOBJ1	56	Before	Interior Girder 4	56	0.95	1	1	4.454386
HS15_str_opr	BOBJ1	56	Before	Interior Girder 5	56	0.95	1	1	4.369952
HS15_str_opr	BOBJ1	56	Before	Interior Girder 6	56	0.95	1	1	4.493134
HS15_str_opr	BOBJ1	56	Before	Right Exterior Girder	56	0.95	1	1	5.041697
HS15_str_opr	BOBJ1	56	After	Left Exterior Girder	56	0.95	1	1	4.932079
HS15_str_opr	BOBJ1	56	After	Interior Girder 1	56	0.95	1	1	4.549027
HS15_str_opr	BOBJ1	56	After	Interior Girder 2	56	0.95	1	1	4.35983
HS15_str_opr	BOBJ1	56	After	Interior Girder 3	56	0.95	1	1	4.368067
HS15_str_opr	BOBJ1	56	After	Interior Girder 4	56	0.95	1	1	4.382492
HS15_str_opr	BOBJ1	56	After	Interior Girder 5	56	0.95	1	1	4.350247
HS15_str_opr	BOBJ1	56	After	Interior Girder 6	56	0.95	1	1	4.558135
HS15_str_opr	BOBJ1	56	After	Right Exterior Girder	56	0.95	1	1	4.935951
HS15_str_opr	BOBJ1	59	Before	Interior Girder 1	59	0.95	1	1	5.552693
HS15_str_opr	BOBJ1	59	Before	Interior Girder 2	59	0.95	1	1	5.228068
HS15_str_opr	BOBJ1	59	Before	Interior Girder 3	59	0.95	1	1	5.239366
HS15_str_opr	BOBJ1	59	Before	Interior Girder 4	59	0.95	1	1	5.269322
HS15_str_opr	BOBJ1	59	Before	Interior Girder 5	59	0.95	1	1	5.219081
HS15_str_opr	BOBJ1	59	Before	Interior Girder 6	59	0.95	1	1	5.56365
HS15_str_opr	BOBJ1	59	After	Interior Girder 1	59	0.95	1	1	2.825106
HS15_str_opr	BOBJ1	59	After	Interior Girder 2	59	0.95	1	1	2.69051
HS15_str_opr	BOBJ1	59	After	Interior Girder 3	59	0.95	1	1	2.619958
HS15_str_opr	BOBJ1	59	After	Interior Girder 4	59	0.95	1	1	2.63322
HS15_str_opr	BOBJ1	59	After	Interior Girder 5	59	0.95	1	1	2.686112
HS15_str_opr	BOBJ1	59	After	Interior Girder 6	59	0.95	1	1	2.830675
HS15_str_opr	BOBJ1	64	Before	Left Exterior Girder	64	0.95	1	1	8.558474
HS15_str_opr	BOBJ1	64	Before	Interior Girder 1	64	0.95	1	1	4.753042
HS15_str_opr	BOBJ1	64	Before	Interior Girder 2	64	0.95	1	1	4.44545
HS15_str_opr	BOBJ1	64	Before	Interior Girder 3	64	0.95	1	1	4.452272
HS15_str_opr	BOBJ1	64	Before	Interior Girder 4	64	0.95	1	1	4.466058
HS15_str_opr	BOBJ1	64	Before	Interior Girder 5	64	0.95	1	1	4.454453
HS15_str_opr	BOBJ1	64	Before	Interior Girder 6	64	0.95	1	1	4.753614
HS15_str_opr	BOBJ1	64	Before	Right Exterior Girder	64	0.95	1	1	8.565728
HS15_str_opr	BOBJ1	64	After	Left Exterior Girder	64	0.95	1	1	8.227487
HS15_str_opr	BOBJ1	64	After	Interior Girder 1	64	0.95	1	1	4.704538
HS15_str_opr	BOBJ1	64	After	Interior Girder 2	64	0.95	1	1	4.482835
HS15_str_opr	BOBJ1	64	After	Interior Girder 3	64	0.95	1	1	4.395338
HS15_str_opr	BOBJ1	64	After	Interior Girder 4	64	0.95	1	1	4.413961
HS15_str_opr	BOBJ1	64	After	Interior Girder 5	64	0.95	1	1	4.492836
HS15_str_opr	BOBJ1	64	After	Interior Girder 6	64	0.95	1	1	4.704962
HS15_str_opr	BOBJ1	64	After	Right Exterior Girder	64	0.95	1	1	8.235066
HS15_str_opr	BOBJ1	69	Before	Interior Girder 1	69	0.95	1	1	3.395242
HS15_str_opr	BOBJ1	69	Before	Interior Girder 2	69	0.95	1	1	3.51091
HS15_str_opr	BOBJ1	69	Before	Interior Girder 3	69	0.95	1	1	3.42629
HS15_str_opr	BOBJ1	69	Before	Interior Girder 4	69	0.95	1	1	3.424607
HS15_str_opr	BOBJ1	69	Before	Interior Girder 5	69	0.95	1	1	3.508191
HS15_str_opr	BOBJ1	69	Before	Interior Girder 6	69	0.95	1	1	3.396119
HS15_str_opr	BOBJ1	69	After	Interior Girder 1	69	0.95	1	1	7.415765
HS15_str_opr	BOBJ1	69	After	Interior Girder 2	69	0.95	1	1	7.534067
HS15_str_opr	BOBJ1	69	After	Interior Girder 3	69	0.95	1	1	7.435921
HS15_str_opr	BOBJ1	69	After	Interior Girder 4	69	0.95	1	1	7.43196

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelINonCompStrgth-Flx - Approach, Span 4-E									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
HS15_str_opr	BOBJ1	69	After	Interior Girder 5	69	0.95	1	1	7.528555
HS15_str_opr	BOBJ1	69	After	Interior Girder 6	69	0.95	1	1	7.417326
HS15_str_opr	BOBJ1	72	Before	Left Exterior Girder	72	0.95	1	1	5.695765
HS15_str_opr	BOBJ1	72	Before	Interior Girder 1	72	0.95	1	1	6.482905
HS15_str_opr	BOBJ1	72	Before	Interior Girder 2	72	0.95	1	1	6.560368
HS15_str_opr	BOBJ1	72	Before	Interior Girder 3	72	0.95	1	1	6.272639
HS15_str_opr	BOBJ1	72	Before	Interior Girder 4	72	0.95	1	1	6.269447
HS15_str_opr	BOBJ1	72	Before	Interior Girder 5	72	0.95	1	1	6.554787
HS15_str_opr	BOBJ1	72	Before	Interior Girder 6	72	0.95	1	1	6.484964
HS15_str_opr	BOBJ1	72	Before	Right Exterior Girder	72	0.95	1	1	5.701284
HS15_str_opr	BOBJ1	72	After	Left Exterior Girder	72	0.95	1	1	5.739732
HS15_str_opr	BOBJ1	72	After	Interior Girder 1	72	0.95	1	1	6.388142
HS15_str_opr	BOBJ1	72	After	Interior Girder 2	72	0.95	1	1	6.477456
HS15_str_opr	BOBJ1	72	After	Interior Girder 3	72	0.95	1	1	6.223148
HS15_str_opr	BOBJ1	72	After	Interior Girder 4	72	0.95	1	1	6.220253
HS15_str_opr	BOBJ1	72	After	Interior Girder 5	72	0.95	1	1	6.471716
HS15_str_opr	BOBJ1	72	After	Interior Girder 6	72	0.95	1	1	6.390244
HS15_str_opr	BOBJ1	72	After	Right Exterior Girder	72	0.95	1	1	5.745402
HS15_str_opr	BOBJ1	72.5	Before	Left Exterior Girder	72.5	0.95	1	1	5.529831
HS15_str_opr	BOBJ1	72.5	Before	Right Exterior Girder	72.5	0.95	1	1	5.53541
HS15_str_opr	BOBJ1	72.5	After	Left Exterior Girder	72.5	0.95	1	1	8.408667
HS15_str_opr	BOBJ1	72.5	After	Right Exterior Girder	72.5	0.95	1	1	8.41728
HS15_str_opr	BOBJ1	80	Before	Left Exterior Girder	80	0.95	1	1	5.720396
HS15_str_opr	BOBJ1	80	Before	Interior Girder 1	80	0.95	1	1	4.064273
HS15_str_opr	BOBJ1	80	Before	Interior Girder 2	80	0.95	1	1	3.917833
HS15_str_opr	BOBJ1	80	Before	Interior Girder 3	80	0.95	1	1	3.218003
HS15_str_opr	BOBJ1	80	Before	Interior Girder 4	80	0.95	1	1	3.222958
HS15_str_opr	BOBJ1	80	Before	Interior Girder 5	80	0.95	1	1	3.909692
HS15_str_opr	BOBJ1	80	Before	Interior Girder 6	80	0.95	1	1	4.067552
HS15_str_opr	BOBJ1	80	Before	Right Exterior Girder	80	0.95	1	1	5.726759
HS15_str_opr	BOBJ1	80	After	Left Exterior Girder	0	0.95	1	1	5.524783
HS15_str_opr	BOBJ1	80	After	Interior Girder 1	0	0.95	1	1	3.950844
HS15_str_opr	BOBJ1	80	After	Interior Girder 2	0	0.95	1	1	3.880513
HS15_str_opr	BOBJ1	80	After	Interior Girder 3	0	0.95	1	1	3.177208
HS15_str_opr	BOBJ1	80	After	Interior Girder 4	0	0.95	1	1	3.183223
HS15_str_opr	BOBJ1	80	After	Interior Girder 5	0	0.95	1	1	3.867989
HS15_str_opr	BOBJ1	80	After	Interior Girder 6	0	0.95	1	1	3.956973
HS15_str_opr	BOBJ1	80	After	Right Exterior Girder	0	0.95	1	1	5.531768
HS15_str_opr	BOBJ1	87.5	Before	Left Exterior Girder	7.5	0.95	1	1	8.882051
HS15_str_opr	BOBJ1	87.5	Before	Right Exterior Girder	7.5	0.95	1	1	8.890573
HS15_str_opr	BOBJ1	87.5	After	Left Exterior Girder	7.5	0.95	1	1	5.734418
HS15_str_opr	BOBJ1	87.5	After	Right Exterior Girder	7.5	0.95	1	1	5.739799
HS15_str_opr	BOBJ1	88	Before	Left Exterior Girder	8	0.95	1	1	5.915504
HS15_str_opr	BOBJ1	88	Before	Interior Girder 1	8	0.95	1	1	6.209007
HS15_str_opr	BOBJ1	88	Before	Interior Girder 2	8	0.95	1	1	6.24074
HS15_str_opr	BOBJ1	88	Before	Interior Girder 3	8	0.95	1	1	5.933708
HS15_str_opr	BOBJ1	88	Before	Interior Girder 4	8	0.95	1	1	5.930158
HS15_str_opr	BOBJ1	88	Before	Interior Girder 5	8	0.95	1	1	6.233709
HS15_str_opr	BOBJ1	88	Before	Interior Girder 6	8	0.95	1	1	6.211017
HS15_str_opr	BOBJ1	88	Before	Right Exterior Girder	8	0.95	1	1	5.921316
HS15_str_opr	BOBJ1	88	After	Left Exterior Girder	8	0.95	1	1	5.94155
HS15_str_opr	BOBJ1	88	After	Interior Girder 1	8	0.95	1	1	6.240993
HS15_str_opr	BOBJ1	88	After	Interior Girder 2	8	0.95	1	1	6.313393
HS15_str_opr	BOBJ1	88	After	Interior Girder 3	8	0.95	1	1	5.969305
HS15_str_opr	BOBJ1	88	After	Interior Girder 4	8	0.95	1	1	5.966325
HS15_str_opr	BOBJ1	88	After	Interior Girder 5	8	0.95	1	1	6.306495
HS15_str_opr	BOBJ1	88	After	Interior Girder 6	8	0.95	1	1	6.242898
HS15_str_opr	BOBJ1	88	After	Right Exterior Girder	8	0.95	1	1	5.947197
HS15_str_opr	BOBJ1	91	Before	Interior Girder 1	11	0.95	1	1	7.034659
HS15_str_opr	BOBJ1	91	Before	Interior Girder 2	11	0.95	1	1	7.198824
HS15_str_opr	BOBJ1	91	Before	Interior Girder 3	11	0.95	1	1	7.048327
HS15_str_opr	BOBJ1	91	Before	Interior Girder 4	11	0.95	1	1	7.044719
HS15_str_opr	BOBJ1	91	Before	Interior Girder 5	11	0.95	1	1	7.192107
HS15_str_opr	BOBJ1	91	Before	Interior Girder 6	11	0.95	1	1	7.036086
HS15_str_opr	BOBJ1	91	After	Interior Girder 1	11	0.95	1	1	2.87659

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelINonCompStrgth-Flx - Approach, Span 4-E									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
HS15_str_opr	BOBJ1	91	After	Interior Girder 2	11	0.95	1	1	3.015784
HS15_str_opr	BOBJ1	91	After	Interior Girder 3	11	0.95	1	1	2.916241
HS15_str_opr	BOBJ1	91	After	Interior Girder 4	11	0.95	1	1	2.914881
HS15_str_opr	BOBJ1	91	After	Interior Girder 5	11	0.95	1	1	3.012843
HS15_str_opr	BOBJ1	91	After	Interior Girder 6	11	0.95	1	1	2.877286
HS15_str_opr	BOBJ1	96	Before	Left Exterior Girder	16	0.95	1	1	8.745645
HS15_str_opr	BOBJ1	96	Before	Interior Girder 1	16	0.95	1	1	3.919229
HS15_str_opr	BOBJ1	96	Before	Interior Girder 2	16	0.95	1	1	4.126772
HS15_str_opr	BOBJ1	96	Before	Interior Girder 3	16	0.95	1	1	4.331268
HS15_str_opr	BOBJ1	96	Before	Interior Girder 4	16	0.95	1	1	4.329309
HS15_str_opr	BOBJ1	96	Before	Interior Girder 5	16	0.95	1	1	4.123969
HS15_str_opr	BOBJ1	96	Before	Interior Girder 6	16	0.95	1	1	3.919532
HS15_str_opr	BOBJ1	96	Before	Right Exterior Girder	16	0.95	1	1	8.752165
HS15_str_opr	BOBJ1	96	After	Left Exterior Girder	16	0.95	1	1	4.258385
HS15_str_opr	BOBJ1	96	After	Interior Girder 1	16	0.95	1	1	4.634789
HS15_str_opr	BOBJ1	96	After	Interior Girder 2	16	0.95	1	1	4.826367
HS15_str_opr	BOBJ1	96	After	Interior Girder 3	16	0.95	1	1	4.99965
HS15_str_opr	BOBJ1	96	After	Interior Girder 4	16	0.95	1	1	4.997598
HS15_str_opr	BOBJ1	96	After	Interior Girder 5	16	0.95	1	1	4.822784
HS15_str_opr	BOBJ1	96	After	Interior Girder 6	16	0.95	1	1	4.635333
HS15_str_opr	BOBJ1	96	After	Right Exterior Girder	16	0.95	1	1	4.261714
HS15_str_opr	BOBJ1	104	Before	Left Exterior Girder	24	0.95	1	1	4.232798
HS15_str_opr	BOBJ1	104	Before	Interior Girder 1	24	0.95	1	1	3.52709
HS15_str_opr	BOBJ1	104	Before	Interior Girder 2	24	0.95	1	1	3.370983
HS15_str_opr	BOBJ1	104	Before	Interior Girder 3	24	0.95	1	1	3.313474
HS15_str_opr	BOBJ1	104	Before	Interior Girder 4	24	0.95	1	1	3.334833
HS15_str_opr	BOBJ1	104	Before	Interior Girder 5	24	0.95	1	1	3.366426
HS15_str_opr	BOBJ1	104	Before	Interior Girder 6	24	0.95	1	1	3.535689
HS15_str_opr	BOBJ1	104	Before	Right Exterior Girder	24	0.95	1	1	4.237028
HS15_str_opr	BOBJ1	104	After	Left Exterior Girder	24	0.95	1	1	4.351719
HS15_str_opr	BOBJ1	104	After	Interior Girder 1	24	0.95	1	1	3.468964
HS15_str_opr	BOBJ1	104	After	Interior Girder 2	24	0.95	1	1	3.365928
HS15_str_opr	BOBJ1	104	After	Interior Girder 3	24	0.95	1	1	3.361877
HS15_str_opr	BOBJ1	104	After	Interior Girder 4	24	0.95	1	1	3.388714
HS15_str_opr	BOBJ1	104	After	Interior Girder 5	24	0.95	1	1	3.365815
HS15_str_opr	BOBJ1	104	After	Interior Girder 6	24	0.95	1	1	3.476855
HS15_str_opr	BOBJ1	104	After	Right Exterior Girder	24	0.95	1	1	4.354952
HS15_str_opr	BOBJ1	112	Before	Left Exterior Girder	32	0.95	1	1	2.757325
HS15_str_opr	BOBJ1	112	Before	Interior Girder 1	32	0.95	1	1	2.684806
HS15_str_opr	BOBJ1	112	Before	Interior Girder 2	32	0.95	1	1	2.682351
HS15_str_opr	BOBJ1	112	Before	Interior Girder 3	32	0.95	1	1	2.694812
HS15_str_opr	BOBJ1	112	Before	Interior Girder 4	32	0.95	1	1	2.697918
HS15_str_opr	BOBJ1	112	Before	Interior Girder 5	32	0.95	1	1	2.685193
HS15_str_opr	BOBJ1	112	Before	Interior Girder 6	32	0.95	1	1	2.684375
HS15_str_opr	BOBJ1	112	Before	Right Exterior Girder	32	0.95	1	1	2.760712
HS15_str_opr	BOBJ1	112	After	Left Exterior Girder	32	0.95	1	1	2.803012
HS15_str_opr	BOBJ1	112	After	Interior Girder 1	32	0.95	1	1	2.656766
HS15_str_opr	BOBJ1	112	After	Interior Girder 2	32	0.95	1	1	2.673048
HS15_str_opr	BOBJ1	112	After	Interior Girder 3	32	0.95	1	1	2.700134
HS15_str_opr	BOBJ1	112	After	Interior Girder 4	32	0.95	1	1	2.702552
HS15_str_opr	BOBJ1	112	After	Interior Girder 5	32	0.95	1	1	2.677202
HS15_str_opr	BOBJ1	112	After	Interior Girder 6	32	0.95	1	1	2.656398
HS15_str_opr	BOBJ1	112	After	Right Exterior Girder	32	0.95	1	1	2.806309
HS15_str_opr	BOBJ1	120	Before	Left Exterior Girder	40	0.95	1	1	2.582452
HS15_str_opr	BOBJ1	120	Before	Interior Girder 1	40	0.95	1	1	2.355617
HS15_str_opr	BOBJ1	120	Before	Interior Girder 2	40	0.95	1	1	2.352432
HS15_str_opr	BOBJ1	120	Before	Interior Girder 3	40	0.95	1	1	2.379851
HS15_str_opr	BOBJ1	120	Before	Interior Girder 4	40	0.95	1	1	2.391189
HS15_str_opr	BOBJ1	120	Before	Interior Girder 5	40	0.95	1	1	2.34829
HS15_str_opr	BOBJ1	120	Before	Interior Girder 6	40	0.95	1	1	2.360151
HS15_str_opr	BOBJ1	120	Before	Right Exterior Girder	40	0.95	1	1	2.584758
HS15_str_opr	BOBJ1	120	After	Left Exterior Girder	40	0.95	1	1	2.586517
HS15_str_opr	BOBJ1	120	After	Interior Girder 1	40	0.95	1	1	2.353339
HS15_str_opr	BOBJ1	120	After	Interior Girder 2	40	0.95	1	1	2.351978
HS15_str_opr	BOBJ1	120	After	Interior Girder 3	40	0.95	1	1	2.380252

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelINonCompStrgth-Flx - Approach, Span 4-6									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
HS15_str_opr	BOBJ1	120	After	Interior Girder 4	40	0.95	1	1	2.391166
HS15_str_opr	BOBJ1	120	After	Interior Girder 5	40	0.95	1	1	2.347758
HS15_str_opr	BOBJ1	120	After	Interior Girder 6	40	0.95	1	1	2.357883
HS15_str_opr	BOBJ1	120	After	Right Exterior Girder	40	0.95	1	1	2.588832
HS15_str_opr	BOBJ1	128	Before	Left Exterior Girder	48	0.95	1	1	2.754983
HS15_str_opr	BOBJ1	128	Before	Interior Girder 1	48	0.95	1	1	2.634812
HS15_str_opr	BOBJ1	128	Before	Interior Girder 2	48	0.95	1	1	2.654185
HS15_str_opr	BOBJ1	128	Before	Interior Girder 3	48	0.95	1	1	2.68302
HS15_str_opr	BOBJ1	128	Before	Interior Girder 4	48	0.95	1	1	2.685428
HS15_str_opr	BOBJ1	128	Before	Interior Girder 5	48	0.95	1	1	2.658194
HS15_str_opr	BOBJ1	128	Before	Interior Girder 6	48	0.95	1	1	2.634451
HS15_str_opr	BOBJ1	128	Before	Right Exterior Girder	48	0.95	1	1	2.758215
HS15_str_opr	BOBJ1	128	After	Left Exterior Girder	48	0.95	1	1	2.716478
HS15_str_opr	BOBJ1	128	After	Interior Girder 1	48	0.95	1	1	2.65643
HS15_str_opr	BOBJ1	128	After	Interior Girder 2	48	0.95	1	1	2.663061
HS15_str_opr	BOBJ1	128	After	Interior Girder 3	48	0.95	1	1	2.678951
HS15_str_opr	BOBJ1	128	After	Interior Girder 4	48	0.95	1	1	2.68192
HS15_str_opr	BOBJ1	128	After	Interior Girder 5	48	0.95	1	1	2.665719
HS15_str_opr	BOBJ1	128	After	Interior Girder 6	48	0.95	1	1	2.656014
HS15_str_opr	BOBJ1	128	After	Right Exterior Girder	48	0.95	1	1	2.719799
HS15_str_opr	BOBJ1	136	Before	Left Exterior Girder	56	0.95	1	1	4.187055
HS15_str_opr	BOBJ1	136	Before	Interior Girder 1	56	0.95	1	1	3.409231
HS15_str_opr	BOBJ1	136	Before	Interior Girder 2	56	0.95	1	1	3.321421
HS15_str_opr	BOBJ1	136	Before	Interior Girder 3	56	0.95	1	1	3.322028
HS15_str_opr	BOBJ1	136	Before	Interior Girder 4	56	0.95	1	1	3.348227
HS15_str_opr	BOBJ1	136	Before	Interior Girder 5	56	0.95	1	1	3.32103
HS15_str_opr	BOBJ1	136	Before	Interior Girder 6	56	0.95	1	1	3.41684
HS15_str_opr	BOBJ1	136	Before	Right Exterior Girder	56	0.95	1	1	4.190206
HS15_str_opr	BOBJ1	136	After	Left Exterior Girder	56	0.95	1	1	4.08067
HS15_str_opr	BOBJ1	136	After	Interior Girder 1	56	0.95	1	1	3.460646
HS15_str_opr	BOBJ1	136	After	Interior Girder 2	56	0.95	1	1	3.326858
HS15_str_opr	BOBJ1	136	After	Interior Girder 3	56	0.95	1	1	3.277398
HS15_str_opr	BOBJ1	136	After	Interior Girder 4	56	0.95	1	1	3.297571
HS15_str_opr	BOBJ1	136	After	Interior Girder 5	56	0.95	1	1	3.321921
HS15_str_opr	BOBJ1	136	After	Interior Girder 6	56	0.95	1	1	3.468921
HS15_str_opr	BOBJ1	136	After	Right Exterior Girder	56	0.95	1	1	4.084731
HS15_str_opr	BOBJ1	144	Before	Left Exterior Girder	64	0.95	1	1	4.219481
HS15_str_opr	BOBJ1	144	Before	Interior Girder 1	64	0.95	1	1	4.557147
HS15_str_opr	BOBJ1	144	Before	Interior Girder 2	64	0.95	1	1	4.781216
HS15_str_opr	BOBJ1	144	Before	Interior Girder 3	64	0.95	1	1	4.999025
HS15_str_opr	BOBJ1	144	Before	Interior Girder 4	64	0.95	1	1	4.997105
HS15_str_opr	BOBJ1	144	Before	Interior Girder 5	64	0.95	1	1	4.777915
HS15_str_opr	BOBJ1	144	Before	Interior Girder 6	64	0.95	1	1	4.55769
HS15_str_opr	BOBJ1	144	Before	Right Exterior Girder	64	0.95	1	1	4.222632
HS15_str_opr	BOBJ1	144	After	Left Exterior Girder	64	0.95	1	1	7.975105
HS15_str_opr	BOBJ1	144	After	Interior Girder 1	64	0.95	1	1	3.847752
HS15_str_opr	BOBJ1	144	After	Interior Girder 2	64	0.95	1	1	4.088323
HS15_str_opr	BOBJ1	144	After	Interior Girder 3	64	0.95	1	1	4.330588
HS15_str_opr	BOBJ1	144	After	Interior Girder 4	64	0.95	1	1	4.328728
HS15_str_opr	BOBJ1	144	After	Interior Girder 5	64	0.95	1	1	4.085743
HS15_str_opr	BOBJ1	144	After	Interior Girder 6	64	0.95	1	1	3.848082
HS15_str_opr	BOBJ1	144	After	Right Exterior Girder	64	0.95	1	1	7.98079
HS15_str_opr	BOBJ1	150	Before	Interior Girder 1	70	0.95	1	1	2.627054
HS15_str_opr	BOBJ1	150	Before	Interior Girder 2	70	0.95	1	1	2.782717
HS15_str_opr	BOBJ1	150	Before	Interior Girder 3	70	0.95	1	1	2.693707
HS15_str_opr	BOBJ1	150	Before	Interior Girder 4	70	0.95	1	1	2.692467
HS15_str_opr	BOBJ1	150	Before	Interior Girder 5	70	0.95	1	1	2.780045
HS15_str_opr	BOBJ1	150	Before	Interior Girder 6	70	0.95	1	1	2.627726
HS15_str_opr	BOBJ1	150	After	Interior Girder 1	70	0.95	1	1	6.192267
HS15_str_opr	BOBJ1	150	After	Interior Girder 2	70	0.95	1	1	6.36915
HS15_str_opr	BOBJ1	150	After	Interior Girder 3	70	0.95	1	1	6.249414
HS15_str_opr	BOBJ1	150	After	Interior Girder 4	70	0.95	1	1	6.246262
HS15_str_opr	BOBJ1	150	After	Interior Girder 5	70	0.95	1	1	6.363287
HS15_str_opr	BOBJ1	150	After	Interior Girder 6	70	0.95	1	1	6.193592
HS15_str_opr	BOBJ1	152	Before	Left Exterior Girder	72	0.95	1	1	5.313288

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelINonCompStrgth-Flx - Approach, Span 4-6									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
HS15_str_opr	BOBJ1	152	Before	Interior Girder 1	72	0.95	1	1	5.667454
HS15_str_opr	BOBJ1	152	Before	Interior Girder 2	72	0.95	1	1	5.815122
HS15_str_opr	BOBJ1	152	Before	Interior Girder 3	72	0.95	1	1	5.575936
HS15_str_opr	BOBJ1	152	Before	Interior Girder 4	72	0.95	1	1	5.5732
HS15_str_opr	BOBJ1	152	Before	Interior Girder 5	72	0.95	1	1	5.80917
HS15_str_opr	BOBJ1	152	Before	Interior Girder 6	72	0.95	1	1	5.66907
HS15_str_opr	BOBJ1	152	Before	Right Exterior Girder	72	0.95	1	1	5.318147
HS15_str_opr	BOBJ1	152	After	Left Exterior Girder	72	0.95	1	1	5.330728
HS15_str_opr	BOBJ1	152	After	Interior Girder 1	72	0.95	1	1	5.624255
HS15_str_opr	BOBJ1	152	After	Interior Girder 2	72	0.95	1	1	5.756062
HS15_str_opr	BOBJ1	152	After	Interior Girder 3	72	0.95	1	1	5.545711
HS15_str_opr	BOBJ1	152	After	Interior Girder 4	72	0.95	1	1	5.542482
HS15_str_opr	BOBJ1	152	After	Interior Girder 5	72	0.95	1	1	5.749981
HS15_str_opr	BOBJ1	152	After	Interior Girder 6	72	0.95	1	1	5.625916
HS15_str_opr	BOBJ1	152	After	Right Exterior Girder	72	0.95	1	1	5.335743
HS15_str_opr	BOBJ1	154	Before	Left Exterior Girder	74	0.95	1	1	4.661995
HS15_str_opr	BOBJ1	154	Before	Right Exterior Girder	74	0.95	1	1	4.666358
HS15_str_opr	BOBJ1	154	After	Left Exterior Girder	74	0.95	1	1	7.310325
HS15_str_opr	BOBJ1	154	After	Right Exterior Girder	74	0.95	1	1	7.317281
HS15_str_opr	BOBJ1	160	Before	Left Exterior Girder	80	0.95	1	1	5.065183
HS15_str_opr	BOBJ1	160	Before	Interior Girder 1	80	0.95	1	1	3.656907
HS15_str_opr	BOBJ1	160	Before	Interior Girder 2	80	0.95	1	1	3.632568
HS15_str_opr	BOBJ1	160	Before	Interior Girder 3	80	0.95	1	1	2.989178
HS15_str_opr	BOBJ1	160	Before	Interior Girder 4	80	0.95	1	1	2.994643
HS15_str_opr	BOBJ1	160	Before	Interior Girder 5	80	0.95	1	1	3.620414
HS15_str_opr	BOBJ1	160	Before	Interior Girder 6	80	0.95	1	1	3.658535
HS15_str_opr	BOBJ1	160	Before	Right Exterior Girder	80	0.95	1	1	5.070461
HS15_str_opr	BOBJ1	160	After	Left Exterior Girder	0	0.95	1	1	5.0025
HS15_str_opr	BOBJ1	160	After	Interior Girder 1	0	0.95	1	1	3.552089
HS15_str_opr	BOBJ1	160	After	Interior Girder 2	0	0.95	1	1	3.556406
HS15_str_opr	BOBJ1	160	After	Interior Girder 3	0	0.95	1	1	2.942009
HS15_str_opr	BOBJ1	160	After	Interior Girder 4	0	0.95	1	1	2.946266
HS15_str_opr	BOBJ1	160	After	Interior Girder 5	0	0.95	1	1	3.550398
HS15_str_opr	BOBJ1	160	After	Interior Girder 6	0	0.95	1	1	3.557346
HS15_str_opr	BOBJ1	160	After	Right Exterior Girder	0	0.95	1	1	5.008484
HS15_str_opr	BOBJ1	166	Before	Left Exterior Girder	6	0.95	1	1	7.539202
HS15_str_opr	BOBJ1	166	Before	Right Exterior Girder	6	0.95	1	1	7.547263
HS15_str_opr	BOBJ1	166	After	Left Exterior Girder	6	0.95	1	1	4.865955
HS15_str_opr	BOBJ1	166	After	Right Exterior Girder	6	0.95	1	1	4.871085
HS15_str_opr	BOBJ1	168	Before	Left Exterior Girder	8	0.95	1	1	5.597844
HS15_str_opr	BOBJ1	168	Before	Interior Girder 1	8	0.95	1	1	6.190588
HS15_str_opr	BOBJ1	168	Before	Interior Girder 2	8	0.95	1	1	6.307693
HS15_str_opr	BOBJ1	168	Before	Interior Girder 3	8	0.95	1	1	6.047727
HS15_str_opr	BOBJ1	168	Before	Interior Girder 4	8	0.95	1	1	6.044857
HS15_str_opr	BOBJ1	168	Before	Interior Girder 5	8	0.95	1	1	6.301865
HS15_str_opr	BOBJ1	168	Before	Interior Girder 6	8	0.95	1	1	6.192485
HS15_str_opr	BOBJ1	168	Before	Right Exterior Girder	8	0.95	1	1	5.603398
HS15_str_opr	BOBJ1	168	After	Left Exterior Girder	8	0.95	1	1	5.530136
HS15_str_opr	BOBJ1	168	After	Interior Girder 1	8	0.95	1	1	6.298129
HS15_str_opr	BOBJ1	168	After	Interior Girder 2	8	0.95	1	1	6.381924
HS15_str_opr	BOBJ1	168	After	Interior Girder 3	8	0.95	1	1	6.094568
HS15_str_opr	BOBJ1	168	After	Interior Girder 4	8	0.95	1	1	6.091395
HS15_str_opr	BOBJ1	168	After	Interior Girder 5	8	0.95	1	1	6.376496
HS15_str_opr	BOBJ1	168	After	Interior Girder 6	8	0.95	1	1	6.300024
HS15_str_opr	BOBJ1	168	After	Right Exterior Girder	8	0.95	1	1	5.535525
HS15_str_opr	BOBJ1	170	Before	Interior Girder 1	10	0.95	1	1	6.933256
HS15_str_opr	BOBJ1	170	Before	Interior Girder 2	10	0.95	1	1	7.027203
HS15_str_opr	BOBJ1	170	Before	Interior Girder 3	10	0.95	1	1	6.867986
HS15_str_opr	BOBJ1	170	Before	Interior Girder 4	10	0.95	1	1	6.864282
HS15_str_opr	BOBJ1	170	Before	Interior Girder 5	10	0.95	1	1	7.021798
HS15_str_opr	BOBJ1	170	Before	Interior Girder 6	10	0.95	1	1	6.934835
HS15_str_opr	BOBJ1	170	After	Interior Girder 1	10	0.95	1	1	3.253907
HS15_str_opr	BOBJ1	170	After	Interior Girder 2	10	0.95	1	1	3.38441
HS15_str_opr	BOBJ1	170	After	Interior Girder 3	10	0.95	1	1	3.258262
HS15_str_opr	BOBJ1	170	After	Interior Girder 4	10	0.95	1	1	3.256646

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelINonCompStrgth-Flx - Approach, Span 4-E									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
HS15_str_opr	BOBJ1	170	After	Interior Girder 5	10	0.95	1	1	3.381671
HS15_str_opr	BOBJ1	170	After	Interior Girder 6	10	0.95	1	1	3.254794
HS15_str_opr	BOBJ1	176	Before	Left Exterior Girder	16	0.95	1	1	8.206451
HS15_str_opr	BOBJ1	176	Before	Interior Girder 1	16	0.95	1	1	4.846084
HS15_str_opr	BOBJ1	176	Before	Interior Girder 2	16	0.95	1	1	4.55142
HS15_str_opr	BOBJ1	176	Before	Interior Girder 3	16	0.95	1	1	4.452564
HS15_str_opr	BOBJ1	176	Before	Interior Girder 4	16	0.95	1	1	4.470921
HS15_str_opr	BOBJ1	176	Before	Interior Girder 5	16	0.95	1	1	4.561352
HS15_str_opr	BOBJ1	176	Before	Interior Girder 6	16	0.95	1	1	4.846513
HS15_str_opr	BOBJ1	176	Before	Right Exterior Girder	16	0.95	1	1	8.214584
HS15_str_opr	BOBJ1	176	After	Left Exterior Girder	16	0.95	1	1	8.521677
HS15_str_opr	BOBJ1	176	After	Interior Girder 1	16	0.95	1	1	4.909633
HS15_str_opr	BOBJ1	176	After	Interior Girder 2	16	0.95	1	1	4.51233
HS15_str_opr	BOBJ1	176	After	Interior Girder 3	16	0.95	1	1	4.518772
HS15_str_opr	BOBJ1	176	After	Interior Girder 4	16	0.95	1	1	4.530576
HS15_str_opr	BOBJ1	176	After	Interior Girder 5	16	0.95	1	1	4.52109
HS15_str_opr	BOBJ1	176	After	Interior Girder 6	16	0.95	1	1	4.910213
HS15_str_opr	BOBJ1	176	After	Right Exterior Girder	16	0.95	1	1	8.530117
HS15_str_opr	BOBJ1	181	Before	Interior Girder 1	21	0.95	1	1	2.879676
HS15_str_opr	BOBJ1	181	Before	Interior Girder 2	21	0.95	1	1	2.727404
HS15_str_opr	BOBJ1	181	Before	Interior Girder 3	21	0.95	1	1	2.668664
HS15_str_opr	BOBJ1	181	Before	Interior Girder 4	21	0.95	1	1	2.682732
HS15_str_opr	BOBJ1	181	Before	Interior Girder 5	21	0.95	1	1	2.722931
HS15_str_opr	BOBJ1	181	Before	Interior Girder 6	21	0.95	1	1	2.885341
HS15_str_opr	BOBJ1	181	After	Interior Girder 1	21	0.95	1	1	5.133214
HS15_str_opr	BOBJ1	181	After	Interior Girder 2	21	0.95	1	1	4.814384
HS15_str_opr	BOBJ1	181	After	Interior Girder 3	21	0.95	1	1	4.835889
HS15_str_opr	BOBJ1	181	After	Interior Girder 4	21	0.95	1	1	4.864273
HS15_str_opr	BOBJ1	181	After	Interior Girder 5	21	0.95	1	1	4.805935
HS15_str_opr	BOBJ1	181	After	Interior Girder 6	21	0.95	1	1	5.143355
HS15_str_opr	BOBJ1	184	Before	Left Exterior Girder	24	0.95	1	1	4.931411
HS15_str_opr	BOBJ1	184	Before	Interior Girder 1	24	0.95	1	1	4.155434
HS15_str_opr	BOBJ1	184	Before	Interior Girder 2	24	0.95	1	1	3.994671
HS15_str_opr	BOBJ1	184	Before	Interior Girder 3	24	0.95	1	1	4.020519
HS15_str_opr	BOBJ1	184	Before	Interior Girder 4	24	0.95	1	1	4.035559
HS15_str_opr	BOBJ1	184	Before	Interior Girder 5	24	0.95	1	1	3.985763
HS15_str_opr	BOBJ1	184	Before	Interior Girder 6	24	0.95	1	1	4.163729
HS15_str_opr	BOBJ1	184	Before	Right Exterior Girder	24	0.95	1	1	4.935112
HS15_str_opr	BOBJ1	184	After	Left Exterior Girder	24	0.95	1	1	5.040234
HS15_str_opr	BOBJ1	184	After	Interior Girder 1	24	0.95	1	1	4.104271
HS15_str_opr	BOBJ1	184	After	Interior Girder 2	24	0.95	1	1	4.001799
HS15_str_opr	BOBJ1	184	After	Interior Girder 3	24	0.95	1	1	4.065449
HS15_str_opr	BOBJ1	184	After	Interior Girder 4	24	0.95	1	1	4.093129
HS15_str_opr	BOBJ1	184	After	Interior Girder 5	24	0.95	1	1	3.996497
HS15_str_opr	BOBJ1	184	After	Interior Girder 6	24	0.95	1	1	4.111969
HS15_str_opr	BOBJ1	184	After	Right Exterior Girder	24	0.95	1	1	5.043753
HS15_str_opr	BOBJ1	192	Before	Left Exterior Girder	32	0.95	1	1	3.170961
HS15_str_opr	BOBJ1	192	Before	Interior Girder 1	32	0.95	1	1	2.863524
HS15_str_opr	BOBJ1	192	Before	Interior Girder 2	32	0.95	1	1	2.924218
HS15_str_opr	BOBJ1	192	Before	Interior Girder 3	32	0.95	1	1	2.972369
HS15_str_opr	BOBJ1	192	Before	Interior Girder 4	32	0.95	1	1	2.975537
HS15_str_opr	BOBJ1	192	Before	Interior Girder 5	32	0.95	1	1	2.923448
HS15_str_opr	BOBJ1	192	Before	Interior Girder 6	32	0.95	1	1	2.863354
HS15_str_opr	BOBJ1	192	Before	Right Exterior Girder	32	0.95	1	1	3.174563
HS15_str_opr	BOBJ1	192	After	Left Exterior Girder	32	0.95	1	1	3.237644
HS15_str_opr	BOBJ1	192	After	Interior Girder 1	32	0.95	1	1	2.826359
HS15_str_opr	BOBJ1	192	After	Interior Girder 2	32	0.95	1	1	2.912951
HS15_str_opr	BOBJ1	192	After	Interior Girder 3	32	0.95	1	1	2.970201
HS15_str_opr	BOBJ1	192	After	Interior Girder 4	32	0.95	1	1	2.973835
HS15_str_opr	BOBJ1	192	After	Interior Girder 5	32	0.95	1	1	2.913441
HS15_str_opr	BOBJ1	192	After	Interior Girder 6	32	0.95	1	1	2.826265
HS15_str_opr	BOBJ1	192	After	Right Exterior Girder	32	0.95	1	1	3.240744
HS15_str_opr	BOBJ1	200	Before	Left Exterior Girder	40	0.95	1	1	2.6602
HS15_str_opr	BOBJ1	200	Before	Interior Girder 1	40	0.95	1	1	2.249752
HS15_str_opr	BOBJ1	200	Before	Interior Girder 2	40	0.95	1	1	2.321488

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelINonCompStrgth-Flx - Approach, Span 4-E									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
HS15_str_opr	BOBJ1	200	Before	Interior Girder 3	40	0.95	1	1	2.398427
HS15_str_opr	BOBJ1	200	Before	Interior Girder 4	40	0.95	1	1	2.40318
HS15_str_opr	BOBJ1	200	Before	Interior Girder 5	40	0.95	1	1	2.317289
HS15_str_opr	BOBJ1	200	Before	Interior Girder 6	40	0.95	1	1	2.252811
HS15_str_opr	BOBJ1	200	Before	Right Exterior Girder	40	0.95	1	1	2.662465
HS15_str_opr	BOBJ1	200	After	Left Exterior Girder	40	0.95	1	1	2.685721
HS15_str_opr	BOBJ1	200	After	Interior Girder 1	40	0.95	1	1	2.239014
HS15_str_opr	BOBJ1	200	After	Interior Girder 2	40	0.95	1	1	2.328193
HS15_str_opr	BOBJ1	200	After	Interior Girder 3	40	0.95	1	1	2.40386
HS15_str_opr	BOBJ1	200	After	Interior Girder 4	40	0.95	1	1	2.411787
HS15_str_opr	BOBJ1	200	After	Interior Girder 5	40	0.95	1	1	2.324025
HS15_str_opr	BOBJ1	200	After	Interior Girder 6	40	0.95	1	1	2.241905
HS15_str_opr	BOBJ1	200	After	Right Exterior Girder	40	0.95	1	1	2.687939
HS15_str_opr	BOBJ1	208	Before	Left Exterior Girder	48	0.95	1	1	2.470402
HS15_str_opr	BOBJ1	208	Before	Interior Girder 1	48	0.95	1	1	2.153994
HS15_str_opr	BOBJ1	208	Before	Interior Girder 2	48	0.95	1	1	2.27516
HS15_str_opr	BOBJ1	208	Before	Interior Girder 3	48	0.95	1	1	2.342376
HS15_str_opr	BOBJ1	208	Before	Interior Girder 4	48	0.95	1	1	2.344299
HS15_str_opr	BOBJ1	208	Before	Interior Girder 5	48	0.95	1	1	2.274039
HS15_str_opr	BOBJ1	208	Before	Interior Girder 6	48	0.95	1	1	2.15393
HS15_str_opr	BOBJ1	208	Before	Right Exterior Girder	48	0.95	1	1	2.472972
HS15_str_opr	BOBJ1	208	After	Left Exterior Girder	48	0.95	1	1	2.459993
HS15_str_opr	BOBJ1	208	After	Interior Girder 1	48	0.95	1	1	2.153994
HS15_str_opr	BOBJ1	208	After	Interior Girder 2	48	0.95	1	1	2.277435
HS15_str_opr	BOBJ1	208	After	Interior Girder 3	48	0.95	1	1	2.338136
HS15_str_opr	BOBJ1	208	After	Interior Girder 4	48	0.95	1	1	2.339473
HS15_str_opr	BOBJ1	208	After	Interior Girder 5	48	0.95	1	1	2.276514
HS15_str_opr	BOBJ1	208	After	Interior Girder 6	48	0.95	1	1	2.153917
HS15_str_opr	BOBJ1	208	After	Right Exterior Girder	48	0.95	1	1	2.462637
HS15_str_opr	BOBJ1	216	Before	Left Exterior Girder	56	0.95	1	1	2.882774
HS15_str_opr	BOBJ1	216	Before	Interior Girder 1	56	0.95	1	1	2.368897
HS15_str_opr	BOBJ1	216	Before	Interior Girder 2	56	0.95	1	1	2.431296
HS15_str_opr	BOBJ1	216	Before	Interior Girder 3	56	0.95	1	1	2.527341
HS15_str_opr	BOBJ1	216	Before	Interior Girder 4	56	0.95	1	1	2.538721
HS15_str_opr	BOBJ1	216	Before	Interior Girder 5	56	0.95	1	1	2.426681
HS15_str_opr	BOBJ1	216	Before	Interior Girder 6	56	0.95	1	1	2.372153
HS15_str_opr	BOBJ1	216	Before	Right Exterior Girder	56	0.95	1	1	2.884865
HS15_str_opr	BOBJ1	216	After	Left Exterior Girder	56	0.95	1	1	2.837396
HS15_str_opr	BOBJ1	216	After	Interior Girder 1	56	0.95	1	1	2.380778
HS15_str_opr	BOBJ1	216	After	Interior Girder 2	56	0.95	1	1	2.429885
HS15_str_opr	BOBJ1	216	After	Interior Girder 3	56	0.95	1	1	2.49723
HS15_str_opr	BOBJ1	216	After	Interior Girder 4	56	0.95	1	1	2.502178
HS15_str_opr	BOBJ1	216	After	Interior Girder 5	56	0.95	1	1	2.425308
HS15_str_opr	BOBJ1	216	After	Interior Girder 6	56	0.95	1	1	2.384901
HS15_str_opr	BOBJ1	216	After	Right Exterior Girder	56	0.95	1	1	2.839864
HS15_str_opr	BOBJ1	224	Before	Left Exterior Girder	64	0.95	1	1	3.867005
HS15_str_opr	BOBJ1	224	Before	Interior Girder 1	64	0.95	1	1	3.301331
HS15_str_opr	BOBJ1	224	Before	Interior Girder 2	64	0.95	1	1	3.317775
HS15_str_opr	BOBJ1	224	Before	Interior Girder 3	64	0.95	1	1	3.401416
HS15_str_opr	BOBJ1	224	Before	Interior Girder 4	64	0.95	1	1	3.404884
HS15_str_opr	BOBJ1	224	Before	Interior Girder 5	64	0.95	1	1	3.320518
HS15_str_opr	BOBJ1	224	Before	Interior Girder 6	64	0.95	1	1	3.301034
HS15_str_opr	BOBJ1	224	Before	Right Exterior Girder	64	0.95	1	1	3.870921
HS15_str_opr	BOBJ1	224	After	Left Exterior Girder	64	0.95	1	1	3.759178
HS15_str_opr	BOBJ1	224	After	Interior Girder 1	64	0.95	1	1	3.365863
HS15_str_opr	BOBJ1	224	After	Interior Girder 2	64	0.95	1	1	3.311766
HS15_str_opr	BOBJ1	224	After	Interior Girder 3	64	0.95	1	1	3.367207
HS15_str_opr	BOBJ1	224	After	Interior Girder 4	64	0.95	1	1	3.368936
HS15_str_opr	BOBJ1	224	After	Interior Girder 5	64	0.95	1	1	3.311015
HS15_str_opr	BOBJ1	224	After	Interior Girder 6	64	0.95	1	1	3.365544
HS15_str_opr	BOBJ1	224	After	Right Exterior Girder	64	0.95	1	1	3.763353
HS15_str_opr	BOBJ1	232	Before	Left Exterior Girder	72	0.95	1	1	7.99681
HS15_str_opr	BOBJ1	232	Before	Interior Girder 1	72	0.95	1	1	6.055778
HS15_str_opr	BOBJ1	232	Before	Interior Girder 2	72	0.95	1	1	5.767972
HS15_str_opr	BOBJ1	232	Before	Interior Girder 3	72	0.95	1	1	5.837731

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelINonCompStrgth-Flx - Approach, Span 4-6									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
HS15_str_opr	BOBJ1	232	Before	Interior Girder 4	72	0.95	1	1	5.890448
HS15_str_opr	BOBJ1	232	Before	Interior Girder 5	72	0.95	1	1	5.77667
HS15_str_opr	BOBJ1	232	Before	Interior Girder 6	72	0.95	1	1	6.069498
HS15_str_opr	BOBJ1	232	Before	Right Exterior Girder	72	0.95	1	1	8.002754
HS15_str_opr	BOBJ1	232	After	Left Exterior Girder	72	0.95	1	1	7.908816
HS15_str_opr	BOBJ1	232	After	Interior Girder 1	72	0.95	1	1	6.036367
HS15_str_opr	BOBJ1	232	After	Interior Girder 2	72	0.95	1	1	5.690258
HS15_str_opr	BOBJ1	232	After	Interior Girder 3	72	0.95	1	1	5.58411
HS15_str_opr	BOBJ1	232	After	Interior Girder 4	72	0.95	1	1	5.616943
HS15_str_opr	BOBJ1	232	After	Interior Girder 5	72	0.95	1	1	5.682707
HS15_str_opr	BOBJ1	232	After	Interior Girder 6	72	0.95	1	1	6.054157
HS15_str_opr	BOBJ1	232	After	Right Exterior Girder	72	0.95	1	1	7.916808
HS15_str_opr	BOBJ1	240	Before	Left Exterior Girder	80	0.95	1	1	78.63156
HS15_str_opr	BOBJ1	240	Before	Interior Girder 1	80	0.95	1	1	44.289787
HS15_str_opr	BOBJ1	240	Before	Interior Girder 2	80	0.95	1	1	36.968952
HS15_str_opr	BOBJ1	240	Before	Interior Girder 3	80	0.95	1	1	25.416102
HS15_str_opr	BOBJ1	240	Before	Interior Girder 4	80	0.95	1	1	25.588114
HS15_str_opr	BOBJ1	240	Before	Interior Girder 5	80	0.95	1	1	36.540145
HS15_str_opr	BOBJ1	240	Before	Interior Girder 6	80	0.95	1	1	44.296729
HS15_str_opr	BOBJ1	240	Before	Right Exterior Girder	80	0.95	1	1	78.72297
HS15_str_inv	BOBJ1	0	After	Left Exterior Girder	0	0.95	1	1	432.974821
HS15_str_inv	BOBJ1	0	After	Interior Girder 1	0	0.95	1	1	345.104834
HS15_str_inv	BOBJ1	0	After	Interior Girder 2	0	0.95	1	1	350.604562
HS15_str_inv	BOBJ1	0	After	Interior Girder 3	0	0.95	1	1	223.654202
HS15_str_inv	BOBJ1	0	After	Interior Girder 4	0	0.95	1	1	225.457019
HS15_str_inv	BOBJ1	0	After	Interior Girder 5	0	0.95	1	1	345.927998
HS15_str_inv	BOBJ1	0	After	Interior Girder 6	0	0.95	1	1	331.188491
HS15_str_inv	BOBJ1	0	After	Right Exterior Girder	0	0.95	1	1	433.409984
HS15_str_inv	BOBJ1	8	Before	Left Exterior Girder	8	0.95	1	1	6.206645
HS15_str_inv	BOBJ1	8	Before	Interior Girder 1	8	0.95	1	1	4.838382
HS15_str_inv	BOBJ1	8	Before	Interior Girder 2	8	0.95	1	1	4.587652
HS15_str_inv	BOBJ1	8	Before	Interior Girder 3	8	0.95	1	1	4.260511
HS15_str_inv	BOBJ1	8	Before	Interior Girder 4	8	0.95	1	1	4.284527
HS15_str_inv	BOBJ1	8	Before	Interior Girder 5	8	0.95	1	1	4.572447
HS15_str_inv	BOBJ1	8	Before	Interior Girder 6	8	0.95	1	1	4.856855
HS15_str_inv	BOBJ1	8	Before	Right Exterior Girder	8	0.95	1	1	6.214705
HS15_str_inv	BOBJ1	8	After	Left Exterior Girder	8	0.95	1	1	6.308363
HS15_str_inv	BOBJ1	8	After	Interior Girder 1	8	0.95	1	1	4.816208
HS15_str_inv	BOBJ1	8	After	Interior Girder 2	8	0.95	1	1	4.681488
HS15_str_inv	BOBJ1	8	After	Interior Girder 3	8	0.95	1	1	4.448135
HS15_str_inv	BOBJ1	8	After	Interior Girder 4	8	0.95	1	1	4.471383
HS15_str_inv	BOBJ1	8	After	Interior Girder 5	8	0.95	1	1	4.667438
HS15_str_inv	BOBJ1	8	After	Interior Girder 6	8	0.95	1	1	4.832671
HS15_str_inv	BOBJ1	8	After	Right Exterior Girder	8	0.95	1	1	6.315253
HS15_str_inv	BOBJ1	16	Before	Left Exterior Girder	16	0.95	1	1	2.889996
HS15_str_inv	BOBJ1	16	Before	Interior Girder 1	16	0.95	1	1	2.880921
HS15_str_inv	BOBJ1	16	Before	Interior Girder 2	16	0.95	1	1	2.783046
HS15_str_inv	BOBJ1	16	Before	Interior Girder 3	16	0.95	1	1	2.775344
HS15_str_inv	BOBJ1	16	Before	Interior Girder 4	16	0.95	1	1	2.773904
HS15_str_inv	BOBJ1	16	Before	Interior Girder 5	16	0.95	1	1	2.782736
HS15_str_inv	BOBJ1	16	Before	Interior Girder 6	16	0.95	1	1	2.880614
HS15_str_inv	BOBJ1	16	Before	Right Exterior Girder	16	0.95	1	1	2.893668
HS15_str_inv	BOBJ1	16	After	Left Exterior Girder	16	0.95	1	1	2.962493
HS15_str_inv	BOBJ1	16	After	Interior Girder 1	16	0.95	1	1	2.839549
HS15_str_inv	BOBJ1	16	After	Interior Girder 2	16	0.95	1	1	2.791755
HS15_str_inv	BOBJ1	16	After	Interior Girder 3	16	0.95	1	1	2.818613
HS15_str_inv	BOBJ1	16	After	Interior Girder 4	16	0.95	1	1	2.820037
HS15_str_inv	BOBJ1	16	After	Interior Girder 5	16	0.95	1	1	2.793522
HS15_str_inv	BOBJ1	16	After	Interior Girder 6	16	0.95	1	1	2.839324
HS15_str_inv	BOBJ1	16	After	Right Exterior Girder	16	0.95	1	1	2.966017
HS15_str_inv	BOBJ1	20.5	Before	Left Exterior Girder	20.5	0.95	1	1	2.428109
HS15_str_inv	BOBJ1	20.5	Before	Right Exterior Girder	20.5	0.95	1	1	2.430796
HS15_str_inv	BOBJ1	20.5	After	Left Exterior Girder	20.5	0.95	1	1	3.602759
HS15_str_inv	BOBJ1	20.5	After	Right Exterior Girder	20.5	0.95	1	1	3.606625
HS15_str_inv	BOBJ1	24	Before	Left Exterior Girder	24	0.95	1	1	3.200919

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelINonCompStrgth-Flx - Approach, Span 4-E									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
HS15_str_inv	BOBJ1	24	Before	Interior Girder 1	24	0.95	1	1	2.078591
HS15_str_inv	BOBJ1	24	Before	Interior Girder 2	24	0.95	1	1	2.083403
HS15_str_inv	BOBJ1	24	Before	Interior Girder 3	24	0.95	1	1	2.107738
HS15_str_inv	BOBJ1	24	Before	Interior Girder 4	24	0.95	1	1	2.111878
HS15_str_inv	BOBJ1	24	Before	Interior Girder 5	24	0.95	1	1	2.079365
HS15_str_inv	BOBJ1	24	Before	Interior Girder 6	24	0.95	1	1	2.082209
HS15_str_inv	BOBJ1	24	Before	Right Exterior Girder	24	0.95	1	1	3.203647
HS15_str_inv	BOBJ1	24	After	Left Exterior Girder	24	0.95	1	1	3.194425
HS15_str_inv	BOBJ1	24	After	Interior Girder 1	24	0.95	1	1	2.096383
HS15_str_inv	BOBJ1	24	After	Interior Girder 2	24	0.95	1	1	2.085712
HS15_str_inv	BOBJ1	24	After	Interior Girder 3	24	0.95	1	1	2.126825
HS15_str_inv	BOBJ1	24	After	Interior Girder 4	24	0.95	1	1	2.134626
HS15_str_inv	BOBJ1	24	After	Interior Girder 5	24	0.95	1	1	2.081549
HS15_str_inv	BOBJ1	24	After	Interior Girder 6	24	0.95	1	1	2.099873
HS15_str_inv	BOBJ1	24	After	Right Exterior Girder	24	0.95	1	1	3.197025
HS15_str_inv	BOBJ1	32	Before	Left Exterior Girder	32	0.95	1	1	2.737182
HS15_str_inv	BOBJ1	32	Before	Interior Girder 1	32	0.95	1	1	1.956321
HS15_str_inv	BOBJ1	32	Before	Interior Girder 2	32	0.95	1	1	1.972591
HS15_str_inv	BOBJ1	32	Before	Interior Girder 3	32	0.95	1	1	2.002216
HS15_str_inv	BOBJ1	32	Before	Interior Girder 4	32	0.95	1	1	2.003101
HS15_str_inv	BOBJ1	32	Before	Interior Girder 5	32	0.95	1	1	1.971957
HS15_str_inv	BOBJ1	32	Before	Interior Girder 6	32	0.95	1	1	1.956187
HS15_str_inv	BOBJ1	32	Before	Right Exterior Girder	32	0.95	1	1	2.740209
HS15_str_inv	BOBJ1	32	After	Left Exterior Girder	32	0.95	1	1	2.745781
HS15_str_inv	BOBJ1	32	After	Interior Girder 1	32	0.95	1	1	1.958331
HS15_str_inv	BOBJ1	32	After	Interior Girder 2	32	0.95	1	1	1.969458
HS15_str_inv	BOBJ1	32	After	Interior Girder 3	32	0.95	1	1	2.003085
HS15_str_inv	BOBJ1	32	After	Interior Girder 4	32	0.95	1	1	2.004478
HS15_str_inv	BOBJ1	32	After	Interior Girder 5	32	0.95	1	1	1.969247
HS15_str_inv	BOBJ1	32	After	Interior Girder 6	32	0.95	1	1	1.958216
HS15_str_inv	BOBJ1	32	After	Right Exterior Girder	32	0.95	1	1	2.748747
HS15_str_inv	BOBJ1	40	Before	Left Exterior Girder	40	0.95	1	1	2.971043
HS15_str_inv	BOBJ1	40	Before	Interior Girder 1	40	0.95	1	1	1.996167
HS15_str_inv	BOBJ1	40	Before	Interior Girder 2	40	0.95	1	1	2.013264
HS15_str_inv	BOBJ1	40	Before	Interior Girder 3	40	0.95	1	1	2.060068
HS15_str_inv	BOBJ1	40	Before	Interior Girder 4	40	0.95	1	1	2.066655
HS15_str_inv	BOBJ1	40	Before	Interior Girder 5	40	0.95	1	1	2.010313
HS15_str_inv	BOBJ1	40	Before	Interior Girder 6	40	0.95	1	1	1.99874
HS15_str_inv	BOBJ1	40	Before	Right Exterior Girder	40	0.95	1	1	2.97359
HS15_str_inv	BOBJ1	40	After	Left Exterior Girder	40	0.95	1	1	2.963978
HS15_str_inv	BOBJ1	40	After	Interior Girder 1	40	0.95	1	1	2.00006
HS15_str_inv	BOBJ1	40	After	Interior Girder 2	40	0.95	1	1	2.002041
HS15_str_inv	BOBJ1	40	After	Interior Girder 3	40	0.95	1	1	2.049351
HS15_str_inv	BOBJ1	40	After	Interior Girder 4	40	0.95	1	1	2.053434
HS15_str_inv	BOBJ1	40	After	Interior Girder 5	40	0.95	1	1	1.998484
HS15_str_inv	BOBJ1	40	After	Interior Girder 6	40	0.95	1	1	2.002789
HS15_str_inv	BOBJ1	40	After	Right Exterior Girder	40	0.95	1	1	2.966587
HS15_str_inv	BOBJ1	46.5	Before	Left Exterior Girder	46.5	0.95	1	1	3.402111
HS15_str_inv	BOBJ1	46.5	Before	Right Exterior Girder	46.5	0.95	1	1	3.405325
HS15_str_inv	BOBJ1	46.5	After	Left Exterior Girder	46.5	0.95	1	1	2.340925
HS15_str_inv	BOBJ1	46.5	After	Right Exterior Girder	46.5	0.95	1	1	2.343249
HS15_str_inv	BOBJ1	48	Before	Left Exterior Girder	48	0.95	1	1	2.478091
HS15_str_inv	BOBJ1	48	Before	Interior Girder 1	48	0.95	1	1	2.45877
HS15_str_inv	BOBJ1	48	Before	Interior Girder 2	48	0.95	1	1	2.497995
HS15_str_inv	BOBJ1	48	Before	Interior Girder 3	48	0.95	1	1	2.52623
HS15_str_inv	BOBJ1	48	Before	Interior Girder 4	48	0.95	1	1	2.529305
HS15_str_inv	BOBJ1	48	Before	Interior Girder 5	48	0.95	1	1	2.49966
HS15_str_inv	BOBJ1	48	Before	Interior Girder 6	48	0.95	1	1	2.458606
HS15_str_inv	BOBJ1	48	Before	Right Exterior Girder	48	0.95	1	1	2.480593
HS15_str_inv	BOBJ1	48	After	Left Exterior Girder	48	0.95	1	1	2.433605
HS15_str_inv	BOBJ1	48	After	Interior Girder 1	48	0.95	1	1	2.490843
HS15_str_inv	BOBJ1	48	After	Interior Girder 2	48	0.95	1	1	2.500609
HS15_str_inv	BOBJ1	48	After	Interior Girder 3	48	0.95	1	1	2.521304
HS15_str_inv	BOBJ1	48	After	Interior Girder 4	48	0.95	1	1	2.523662
HS15_str_inv	BOBJ1	48	After	Interior Girder 5	48	0.95	1	1	2.499896

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelINonCompStrgth-Flx - Approach, Span 4-6									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
HS15_str_inv	BOBJ1	48	After	Interior Girder 6	48	0.95	1	1	2.49066
HS15_str_inv	BOBJ1	48	After	Right Exterior Girder	48	0.95	1	1	2.436412
HS15_str_inv	BOBJ1	56	Before	Left Exterior Girder	56	0.95	1	1	3.886483
HS15_str_inv	BOBJ1	56	Before	Interior Girder 1	56	0.95	1	1	3.459607
HS15_str_inv	BOBJ1	56	Before	Interior Girder 2	56	0.95	1	1	3.375167
HS15_str_inv	BOBJ1	56	Before	Interior Girder 3	56	0.95	1	1	3.413771
HS15_str_inv	BOBJ1	56	Before	Interior Girder 4	56	0.95	1	1	3.436241
HS15_str_inv	BOBJ1	56	Before	Interior Girder 5	56	0.95	1	1	3.371106
HS15_str_inv	BOBJ1	56	Before	Interior Girder 6	56	0.95	1	1	3.466132
HS15_str_inv	BOBJ1	56	Before	Right Exterior Girder	56	0.95	1	1	3.889309
HS15_str_inv	BOBJ1	56	After	Left Exterior Girder	56	0.95	1	1	3.804747
HS15_str_inv	BOBJ1	56	After	Interior Girder 1	56	0.95	1	1	3.509249
HS15_str_inv	BOBJ1	56	After	Interior Girder 2	56	0.95	1	1	3.363298
HS15_str_inv	BOBJ1	56	After	Interior Girder 3	56	0.95	1	1	3.369652
HS15_str_inv	BOBJ1	56	After	Interior Girder 4	56	0.95	1	1	3.38078
HS15_str_inv	BOBJ1	56	After	Interior Girder 5	56	0.95	1	1	3.355905
HS15_str_inv	BOBJ1	56	After	Interior Girder 6	56	0.95	1	1	3.516276
HS15_str_inv	BOBJ1	56	After	Right Exterior Girder	56	0.95	1	1	3.807734
HS15_str_inv	BOBJ1	59	Before	Interior Girder 1	59	0.95	1	1	4.283506
HS15_str_inv	BOBJ1	59	Before	Interior Girder 2	59	0.95	1	1	4.033081
HS15_str_inv	BOBJ1	59	Before	Interior Girder 3	59	0.95	1	1	4.041796
HS15_str_inv	BOBJ1	59	Before	Interior Girder 4	59	0.95	1	1	4.064906
HS15_str_inv	BOBJ1	59	Before	Interior Girder 5	59	0.95	1	1	4.026148
HS15_str_inv	BOBJ1	59	Before	Interior Girder 6	59	0.95	1	1	4.291958
HS15_str_inv	BOBJ1	59	After	Interior Girder 1	59	0.95	1	1	2.179367
HS15_str_inv	BOBJ1	59	After	Interior Girder 2	59	0.95	1	1	2.075536
HS15_str_inv	BOBJ1	59	After	Interior Girder 3	59	0.95	1	1	2.02111
HS15_str_inv	BOBJ1	59	After	Interior Girder 4	59	0.95	1	1	2.031341
HS15_str_inv	BOBJ1	59	After	Interior Girder 5	59	0.95	1	1	2.072143
HS15_str_inv	BOBJ1	59	After	Interior Girder 6	59	0.95	1	1	2.183663
HS15_str_inv	BOBJ1	64	Before	Left Exterior Girder	64	0.95	1	1	6.602251
HS15_str_inv	BOBJ1	64	Before	Interior Girder 1	64	0.95	1	1	3.666633
HS15_str_inv	BOBJ1	64	Before	Interior Girder 2	64	0.95	1	1	3.429347
HS15_str_inv	BOBJ1	64	Before	Interior Girder 3	64	0.95	1	1	3.43461
HS15_str_inv	BOBJ1	64	Before	Interior Girder 4	64	0.95	1	1	3.445245
HS15_str_inv	BOBJ1	64	Before	Interior Girder 5	64	0.95	1	1	3.436293
HS15_str_inv	BOBJ1	64	Before	Interior Girder 6	64	0.95	1	1	3.667074
HS15_str_inv	BOBJ1	64	Before	Right Exterior Girder	64	0.95	1	1	6.607848
HS15_str_inv	BOBJ1	64	After	Left Exterior Girder	64	0.95	1	1	6.346919
HS15_str_inv	BOBJ1	64	After	Interior Girder 1	64	0.95	1	1	3.629215
HS15_str_inv	BOBJ1	64	After	Interior Girder 2	64	0.95	1	1	3.458187
HS15_str_inv	BOBJ1	64	After	Interior Girder 3	64	0.95	1	1	3.390689
HS15_str_inv	BOBJ1	64	After	Interior Girder 4	64	0.95	1	1	3.405056
HS15_str_inv	BOBJ1	64	After	Interior Girder 5	64	0.95	1	1	3.465902
HS15_str_inv	BOBJ1	64	After	Interior Girder 6	64	0.95	1	1	3.629542
HS15_str_inv	BOBJ1	64	After	Right Exterior Girder	64	0.95	1	1	6.352765
HS15_str_inv	BOBJ1	69	Before	Interior Girder 1	69	0.95	1	1	2.619187
HS15_str_inv	BOBJ1	69	Before	Interior Girder 2	69	0.95	1	1	2.708416
HS15_str_inv	BOBJ1	69	Before	Interior Girder 3	69	0.95	1	1	2.643138
HS15_str_inv	BOBJ1	69	Before	Interior Girder 4	69	0.95	1	1	2.64184
HS15_str_inv	BOBJ1	69	Before	Interior Girder 5	69	0.95	1	1	2.706319
HS15_str_inv	BOBJ1	69	Before	Interior Girder 6	69	0.95	1	1	2.619863
HS15_str_inv	BOBJ1	69	After	Interior Girder 1	69	0.95	1	1	5.720733
HS15_str_inv	BOBJ1	69	After	Interior Girder 2	69	0.95	1	1	5.811994
HS15_str_inv	BOBJ1	69	After	Interior Girder 3	69	0.95	1	1	5.736282
HS15_str_inv	BOBJ1	69	After	Interior Girder 4	69	0.95	1	1	5.733226
HS15_str_inv	BOBJ1	69	After	Interior Girder 5	69	0.95	1	1	5.807743
HS15_str_inv	BOBJ1	69	After	Interior Girder 6	69	0.95	1	1	5.721937
HS15_str_inv	BOBJ1	72	Before	Left Exterior Girder	72	0.95	1	1	4.393876
HS15_str_inv	BOBJ1	72	Before	Interior Girder 1	72	0.95	1	1	5.001098
HS15_str_inv	BOBJ1	72	Before	Interior Girder 2	72	0.95	1	1	5.060856
HS15_str_inv	BOBJ1	72	Before	Interior Girder 3	72	0.95	1	1	4.838893
HS15_str_inv	BOBJ1	72	Before	Interior Girder 4	72	0.95	1	1	4.836431
HS15_str_inv	BOBJ1	72	Before	Interior Girder 5	72	0.95	1	1	5.05655
HS15_str_inv	BOBJ1	72	Before	Interior Girder 6	72	0.95	1	1	5.002686

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelINonCompStrgth-Flx - Approach, Span 4-E									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
HS15_str_inv	BOBJ1	72	Before	Right Exterior Girder	72	0.95	1	1	4.398134
HS15_str_inv	BOBJ1	72	After	Left Exterior Girder	72	0.95	1	1	4.427793
HS15_str_inv	BOBJ1	72	After	Interior Girder 1	72	0.95	1	1	4.927995
HS15_str_inv	BOBJ1	72	After	Interior Girder 2	72	0.95	1	1	4.996894
HS15_str_inv	BOBJ1	72	After	Interior Girder 3	72	0.95	1	1	4.800714
HS15_str_inv	BOBJ1	72	After	Interior Girder 4	72	0.95	1	1	4.798481
HS15_str_inv	BOBJ1	72	After	Interior Girder 5	72	0.95	1	1	4.992466
HS15_str_inv	BOBJ1	72	After	Interior Girder 6	72	0.95	1	1	4.929617
HS15_str_inv	BOBJ1	72	After	Right Exterior Girder	72	0.95	1	1	4.432167
HS15_str_inv	BOBJ1	72.5	Before	Left Exterior Girder	72.5	0.95	1	1	4.26587
HS15_str_inv	BOBJ1	72.5	Before	Right Exterior Girder	72.5	0.95	1	1	4.270174
HS15_str_inv	BOBJ1	72.5	After	Left Exterior Girder	72.5	0.95	1	1	6.486686
HS15_str_inv	BOBJ1	72.5	After	Right Exterior Girder	72.5	0.95	1	1	6.49333
HS15_str_inv	BOBJ1	80	Before	Left Exterior Girder	80	0.95	1	1	4.412877
HS15_str_inv	BOBJ1	80	Before	Interior Girder 1	80	0.95	1	1	3.135296
HS15_str_inv	BOBJ1	80	Before	Interior Girder 2	80	0.95	1	1	3.022329
HS15_str_inv	BOBJ1	80	Before	Interior Girder 3	80	0.95	1	1	2.482459
HS15_str_inv	BOBJ1	80	Before	Interior Girder 4	80	0.95	1	1	2.486282
HS15_str_inv	BOBJ1	80	Before	Interior Girder 5	80	0.95	1	1	3.016048
HS15_str_inv	BOBJ1	80	Before	Interior Girder 6	80	0.95	1	1	3.137826
HS15_str_inv	BOBJ1	80	Before	Right Exterior Girder	80	0.95	1	1	4.417785
HS15_str_inv	BOBJ1	80	After	Left Exterior Girder	0	0.95	1	1	4.261976
HS15_str_inv	BOBJ1	80	After	Interior Girder 1	0	0.95	1	1	3.047794
HS15_str_inv	BOBJ1	80	After	Interior Girder 2	0	0.95	1	1	2.993539
HS15_str_inv	BOBJ1	80	After	Interior Girder 3	0	0.95	1	1	2.450989
HS15_str_inv	BOBJ1	80	After	Interior Girder 4	0	0.95	1	1	2.455629
HS15_str_inv	BOBJ1	80	After	Interior Girder 5	0	0.95	1	1	2.983877
HS15_str_inv	BOBJ1	80	After	Interior Girder 6	0	0.95	1	1	3.052522
HS15_str_inv	BOBJ1	80	After	Right Exterior Girder	0	0.95	1	1	4.267364
HS15_str_inv	BOBJ1	87.5	Before	Left Exterior Girder	7.5	0.95	1	1	6.851868
HS15_str_inv	BOBJ1	87.5	Before	Right Exterior Girder	7.5	0.95	1	1	6.858442
HS15_str_inv	BOBJ1	87.5	After	Left Exterior Girder	7.5	0.95	1	1	4.423694
HS15_str_inv	BOBJ1	87.5	After	Right Exterior Girder	7.5	0.95	1	1	4.427845
HS15_str_inv	BOBJ1	88	Before	Left Exterior Girder	8	0.95	1	1	4.563388
HS15_str_inv	BOBJ1	88	Before	Interior Girder 1	8	0.95	1	1	4.789805
HS15_str_inv	BOBJ1	88	Before	Interior Girder 2	8	0.95	1	1	4.814285
HS15_str_inv	BOBJ1	88	Before	Interior Girder 3	8	0.95	1	1	4.577432
HS15_str_inv	BOBJ1	88	Before	Interior Girder 4	8	0.95	1	1	4.574693
HS15_str_inv	BOBJ1	88	Before	Interior Girder 5	8	0.95	1	1	4.808861
HS15_str_inv	BOBJ1	88	Before	Interior Girder 6	8	0.95	1	1	4.791356
HS15_str_inv	BOBJ1	88	Before	Right Exterior Girder	8	0.95	1	1	4.567873
HS15_str_inv	BOBJ1	88	After	Left Exterior Girder	8	0.95	1	1	4.583481
HS15_str_inv	BOBJ1	88	After	Interior Girder 1	8	0.95	1	1	4.81448
HS15_str_inv	BOBJ1	88	After	Interior Girder 2	8	0.95	1	1	4.870332
HS15_str_inv	BOBJ1	88	After	Interior Girder 3	8	0.95	1	1	4.604893
HS15_str_inv	BOBJ1	88	After	Interior Girder 4	8	0.95	1	1	4.602593
HS15_str_inv	BOBJ1	88	After	Interior Girder 5	8	0.95	1	1	4.865011
HS15_str_inv	BOBJ1	88	After	Interior Girder 6	8	0.95	1	1	4.81595
HS15_str_inv	BOBJ1	88	After	Right Exterior Girder	8	0.95	1	1	4.587838
HS15_str_inv	BOBJ1	91	Before	Interior Girder 1	11	0.95	1	1	5.426737
HS15_str_inv	BOBJ1	91	Before	Interior Girder 2	11	0.95	1	1	5.553379
HS15_str_inv	BOBJ1	91	Before	Interior Girder 3	11	0.95	1	1	5.437281
HS15_str_inv	BOBJ1	91	Before	Interior Girder 4	11	0.95	1	1	5.434498
HS15_str_inv	BOBJ1	91	Before	Interior Girder 5	11	0.95	1	1	5.548197
HS15_str_inv	BOBJ1	91	Before	Interior Girder 6	11	0.95	1	1	5.427838
HS15_str_inv	BOBJ1	91	After	Interior Girder 1	11	0.95	1	1	2.219084
HS15_str_inv	BOBJ1	91	After	Interior Girder 2	11	0.95	1	1	2.326462
HS15_str_inv	BOBJ1	91	After	Interior Girder 3	11	0.95	1	1	2.249672
HS15_str_inv	BOBJ1	91	After	Interior Girder 4	11	0.95	1	1	2.248623
HS15_str_inv	BOBJ1	91	After	Interior Girder 5	11	0.95	1	1	2.324194
HS15_str_inv	BOBJ1	91	After	Interior Girder 6	11	0.95	1	1	2.219621
HS15_str_inv	BOBJ1	96	Before	Left Exterior Girder	16	0.95	1	1	6.746641
HS15_str_inv	BOBJ1	96	Before	Interior Girder 1	16	0.95	1	1	3.023406
HS15_str_inv	BOBJ1	96	Before	Interior Girder 2	16	0.95	1	1	3.18351
HS15_str_inv	BOBJ1	96	Before	Interior Girder 3	16	0.95	1	1	3.341264

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelINonCompStrgth-Flx - Approach, Span 4-6									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
HS15_str_inv	BOBJ1	96	Before	Interior Girder 4	16	0.95	1	1	3.339753
HS15_str_inv	BOBJ1	96	Before	Interior Girder 5	16	0.95	1	1	3.181347
HS15_str_inv	BOBJ1	96	Before	Interior Girder 6	16	0.95	1	1	3.023639
HS15_str_inv	BOBJ1	96	Before	Right Exterior Girder	16	0.95	1	1	6.751671
HS15_str_inv	BOBJ1	96	After	Left Exterior Girder	16	0.95	1	1	3.28504
HS15_str_inv	BOBJ1	96	After	Interior Girder 1	16	0.95	1	1	3.575409
HS15_str_inv	BOBJ1	96	After	Interior Girder 2	16	0.95	1	1	3.723197
HS15_str_inv	BOBJ1	96	After	Interior Girder 3	16	0.95	1	1	3.856873
HS15_str_inv	BOBJ1	96	After	Interior Girder 4	16	0.95	1	1	3.85529
HS15_str_inv	BOBJ1	96	After	Interior Girder 5	16	0.95	1	1	3.720433
HS15_str_inv	BOBJ1	96	After	Interior Girder 6	16	0.95	1	1	3.575828
HS15_str_inv	BOBJ1	96	After	Right Exterior Girder	16	0.95	1	1	3.287608
HS15_str_inv	BOBJ1	104	Before	Left Exterior Girder	24	0.95	1	1	3.265301
HS15_str_inv	BOBJ1	104	Before	Interior Girder 1	24	0.95	1	1	2.720898
HS15_str_inv	BOBJ1	104	Before	Interior Girder 2	24	0.95	1	1	2.600473
HS15_str_inv	BOBJ1	104	Before	Interior Girder 3	24	0.95	1	1	2.556109
HS15_str_inv	BOBJ1	104	Before	Interior Girder 4	24	0.95	1	1	2.572585
HS15_str_inv	BOBJ1	104	Before	Interior Girder 5	24	0.95	1	1	2.596957
HS15_str_inv	BOBJ1	104	Before	Interior Girder 6	24	0.95	1	1	2.727532
HS15_str_inv	BOBJ1	104	Before	Right Exterior Girder	24	0.95	1	1	3.268565
HS15_str_inv	BOBJ1	104	After	Left Exterior Girder	24	0.95	1	1	3.35704
HS15_str_inv	BOBJ1	104	After	Interior Girder 1	24	0.95	1	1	2.676058
HS15_str_inv	BOBJ1	104	After	Interior Girder 2	24	0.95	1	1	2.596573
HS15_str_inv	BOBJ1	104	After	Interior Girder 3	24	0.95	1	1	2.593448
HS15_str_inv	BOBJ1	104	After	Interior Girder 4	24	0.95	1	1	2.614151
HS15_str_inv	BOBJ1	104	After	Interior Girder 5	24	0.95	1	1	2.596486
HS15_str_inv	BOBJ1	104	After	Interior Girder 6	24	0.95	1	1	2.682145
HS15_str_inv	BOBJ1	104	After	Right Exterior Girder	24	0.95	1	1	3.359534
HS15_str_inv	BOBJ1	112	Before	Left Exterior Girder	32	0.95	1	1	2.127079
HS15_str_inv	BOBJ1	112	Before	Interior Girder 1	32	0.95	1	1	2.071136
HS15_str_inv	BOBJ1	112	Before	Interior Girder 2	32	0.95	1	1	2.069242
HS15_str_inv	BOBJ1	112	Before	Interior Girder 3	32	0.95	1	1	2.078855
HS15_str_inv	BOBJ1	112	Before	Interior Girder 4	32	0.95	1	1	2.081251
HS15_str_inv	BOBJ1	112	Before	Interior Girder 5	32	0.95	1	1	2.071435
HS15_str_inv	BOBJ1	112	Before	Interior Girder 6	32	0.95	1	1	2.070804
HS15_str_inv	BOBJ1	112	Before	Right Exterior Girder	32	0.95	1	1	2.129692
HS15_str_inv	BOBJ1	112	After	Left Exterior Girder	32	0.95	1	1	2.162324
HS15_str_inv	BOBJ1	112	After	Interior Girder 1	32	0.95	1	1	2.049505
HS15_str_inv	BOBJ1	112	After	Interior Girder 2	32	0.95	1	1	2.062066
HS15_str_inv	BOBJ1	112	After	Interior Girder 3	32	0.95	1	1	2.08296
HS15_str_inv	BOBJ1	112	After	Interior Girder 4	32	0.95	1	1	2.084826
HS15_str_inv	BOBJ1	112	After	Interior Girder 5	32	0.95	1	1	2.06527
HS15_str_inv	BOBJ1	112	After	Interior Girder 6	32	0.95	1	1	2.049221
HS15_str_inv	BOBJ1	112	After	Right Exterior Girder	32	0.95	1	1	2.164867
HS15_str_inv	BOBJ1	120	Before	Left Exterior Girder	40	0.95	1	1	1.992177
HS15_str_inv	BOBJ1	120	Before	Interior Girder 1	40	0.95	1	1	1.81719
HS15_str_inv	BOBJ1	120	Before	Interior Girder 2	40	0.95	1	1	1.814734
HS15_str_inv	BOBJ1	120	Before	Interior Girder 3	40	0.95	1	1	1.835885
HS15_str_inv	BOBJ1	120	Before	Interior Girder 4	40	0.95	1	1	1.844631
HS15_str_inv	BOBJ1	120	Before	Interior Girder 5	40	0.95	1	1	1.811538
HS15_str_inv	BOBJ1	120	Before	Interior Girder 6	40	0.95	1	1	1.820688
HS15_str_inv	BOBJ1	120	Before	Right Exterior Girder	40	0.95	1	1	1.993956
HS15_str_inv	BOBJ1	120	After	Left Exterior Girder	40	0.95	1	1	1.995313
HS15_str_inv	BOBJ1	120	After	Interior Girder 1	40	0.95	1	1	1.815433
HS15_str_inv	BOBJ1	120	After	Interior Girder 2	40	0.95	1	1	1.814383
HS15_str_inv	BOBJ1	120	After	Interior Girder 3	40	0.95	1	1	1.836194
HS15_str_inv	BOBJ1	120	After	Interior Girder 4	40	0.95	1	1	1.844614
HS15_str_inv	BOBJ1	120	After	Interior Girder 5	40	0.95	1	1	1.811127
HS15_str_inv	BOBJ1	120	After	Interior Girder 6	40	0.95	1	1	1.818939
HS15_str_inv	BOBJ1	120	After	Right Exterior Girder	40	0.95	1	1	1.997099
HS15_str_inv	BOBJ1	128	Before	Left Exterior Girder	48	0.95	1	1	2.125272
HS15_str_inv	BOBJ1	128	Before	Interior Girder 1	48	0.95	1	1	2.032569
HS15_str_inv	BOBJ1	128	Before	Interior Girder 2	48	0.95	1	1	2.047514
HS15_str_inv	BOBJ1	128	Before	Interior Girder 3	48	0.95	1	1	2.069758
HS15_str_inv	BOBJ1	128	Before	Interior Girder 4	48	0.95	1	1	2.071616

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelINonCompStrgth-Flx - Approach, Span 4-E									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
HS15_str_inv	BOBJ1	128	Before	Interior Girder 5	48	0.95	1	1	2.050607
HS15_str_inv	BOBJ1	128	Before	Interior Girder 6	48	0.95	1	1	2.032291
HS15_str_inv	BOBJ1	128	Before	Right Exterior Girder	48	0.95	1	1	2.127766
HS15_str_inv	BOBJ1	128	After	Left Exterior Girder	48	0.95	1	1	2.095569
HS15_str_inv	BOBJ1	128	After	Interior Girder 1	48	0.95	1	1	2.049246
HS15_str_inv	BOBJ1	128	After	Interior Girder 2	48	0.95	1	1	2.054362
HS15_str_inv	BOBJ1	128	After	Interior Girder 3	48	0.95	1	1	2.066619
HS15_str_inv	BOBJ1	128	After	Interior Girder 4	48	0.95	1	1	2.06891
HS15_str_inv	BOBJ1	128	After	Interior Girder 5	48	0.95	1	1	2.056412
HS15_str_inv	BOBJ1	128	After	Interior Girder 6	48	0.95	1	1	2.048925
HS15_str_inv	BOBJ1	128	After	Right Exterior Girder	48	0.95	1	1	2.098131
HS15_str_inv	BOBJ1	136	Before	Left Exterior Girder	56	0.95	1	1	3.230014
HS15_str_inv	BOBJ1	136	Before	Interior Girder 1	56	0.95	1	1	2.629979
HS15_str_inv	BOBJ1	136	Before	Interior Girder 2	56	0.95	1	1	2.562239
HS15_str_inv	BOBJ1	136	Before	Interior Girder 3	56	0.95	1	1	2.562707
HS15_str_inv	BOBJ1	136	Before	Interior Girder 4	56	0.95	1	1	2.582918
HS15_str_inv	BOBJ1	136	Before	Interior Girder 5	56	0.95	1	1	2.561937
HS15_str_inv	BOBJ1	136	Before	Interior Girder 6	56	0.95	1	1	2.635848
HS15_str_inv	BOBJ1	136	Before	Right Exterior Girder	56	0.95	1	1	3.232445
HS15_str_inv	BOBJ1	136	After	Left Exterior Girder	56	0.95	1	1	3.147945
HS15_str_inv	BOBJ1	136	After	Interior Girder 1	56	0.95	1	1	2.669641
HS15_str_inv	BOBJ1	136	After	Interior Girder 2	56	0.95	1	1	2.566433
HS15_str_inv	BOBJ1	136	After	Interior Girder 3	56	0.95	1	1	2.528279
HS15_str_inv	BOBJ1	136	After	Interior Girder 4	56	0.95	1	1	2.54384
HS15_str_inv	BOBJ1	136	After	Interior Girder 5	56	0.95	1	1	2.562624
HS15_str_inv	BOBJ1	136	After	Interior Girder 6	56	0.95	1	1	2.676024
HS15_str_inv	BOBJ1	136	After	Right Exterior Girder	56	0.95	1	1	3.151079
HS15_str_inv	BOBJ1	144	Before	Left Exterior Girder	64	0.95	1	1	3.255029
HS15_str_inv	BOBJ1	144	Before	Interior Girder 1	64	0.95	1	1	3.515513
HS15_str_inv	BOBJ1	144	Before	Interior Girder 2	64	0.95	1	1	3.688367
HS15_str_inv	BOBJ1	144	Before	Interior Girder 3	64	0.95	1	1	3.856391
HS15_str_inv	BOBJ1	144	Before	Interior Girder 4	64	0.95	1	1	3.854909
HS15_str_inv	BOBJ1	144	Before	Interior Girder 5	64	0.95	1	1	3.68582
HS15_str_inv	BOBJ1	144	Before	Interior Girder 6	64	0.95	1	1	3.515932
HS15_str_inv	BOBJ1	144	Before	Right Exterior Girder	64	0.95	1	1	3.257459
HS15_str_inv	BOBJ1	144	After	Left Exterior Girder	64	0.95	1	1	6.152224
HS15_str_inv	BOBJ1	144	After	Interior Girder 1	64	0.95	1	1	2.968266
HS15_str_inv	BOBJ1	144	After	Interior Girder 2	64	0.95	1	1	3.153849
HS15_str_inv	BOBJ1	144	After	Interior Girder 3	64	0.95	1	1	3.340739
HS15_str_inv	BOBJ1	144	After	Interior Girder 4	64	0.95	1	1	3.339304
HS15_str_inv	BOBJ1	144	After	Interior Girder 5	64	0.95	1	1	3.151859
HS15_str_inv	BOBJ1	144	After	Interior Girder 6	64	0.95	1	1	2.968521
HS15_str_inv	BOBJ1	144	After	Right Exterior Girder	64	0.95	1	1	6.156609
HS15_str_inv	BOBJ1	150	Before	Interior Girder 1	70	0.95	1	1	2.026584
HS15_str_inv	BOBJ1	150	Before	Interior Girder 2	70	0.95	1	1	2.146667
HS15_str_inv	BOBJ1	150	Before	Interior Girder 3	70	0.95	1	1	2.078002
HS15_str_inv	BOBJ1	150	Before	Interior Girder 4	70	0.95	1	1	2.077046
HS15_str_inv	BOBJ1	150	Before	Interior Girder 5	70	0.95	1	1	2.144606
HS15_str_inv	BOBJ1	150	Before	Interior Girder 6	70	0.95	1	1	2.027103
HS15_str_inv	BOBJ1	150	After	Interior Girder 1	70	0.95	1	1	4.776892
HS15_str_inv	BOBJ1	150	After	Interior Girder 2	70	0.95	1	1	4.913344
HS15_str_inv	BOBJ1	150	After	Interior Girder 3	70	0.95	1	1	4.820977
HS15_str_inv	BOBJ1	150	After	Interior Girder 4	70	0.95	1	1	4.818545
HS15_str_inv	BOBJ1	150	After	Interior Girder 5	70	0.95	1	1	4.908822
HS15_str_inv	BOBJ1	150	After	Interior Girder 6	70	0.95	1	1	4.777914
HS15_str_inv	BOBJ1	152	Before	Left Exterior Girder	72	0.95	1	1	4.098823
HS15_str_inv	BOBJ1	152	Before	Interior Girder 1	72	0.95	1	1	4.372036
HS15_str_inv	BOBJ1	152	Before	Interior Girder 2	72	0.95	1	1	4.485951
HS15_str_inv	BOBJ1	152	Before	Interior Girder 3	72	0.95	1	1	4.301436
HS15_str_inv	BOBJ1	152	Before	Interior Girder 4	72	0.95	1	1	4.299326
HS15_str_inv	BOBJ1	152	Before	Interior Girder 5	72	0.95	1	1	4.48136
HS15_str_inv	BOBJ1	152	Before	Interior Girder 6	72	0.95	1	1	4.373282
HS15_str_inv	BOBJ1	152	Before	Right Exterior Girder	72	0.95	1	1	4.102571
HS15_str_inv	BOBJ1	152	After	Left Exterior Girder	72	0.95	1	1	4.112276
HS15_str_inv	BOBJ1	152	After	Interior Girder 1	72	0.95	1	1	4.338711

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelINonCompStrgth-Flx - Approach, Span 4-6									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
HS15_str_inv	BOBJ1	152	After	Interior Girder 2	72	0.95	1	1	4.440391
HS15_str_inv	BOBJ1	152	After	Interior Girder 3	72	0.95	1	1	4.27812
HS15_str_inv	BOBJ1	152	After	Interior Girder 4	72	0.95	1	1	4.275629
HS15_str_inv	BOBJ1	152	After	Interior Girder 5	72	0.95	1	1	4.4357
HS15_str_inv	BOBJ1	152	After	Interior Girder 6	72	0.95	1	1	4.339992
HS15_str_inv	BOBJ1	152	After	Right Exterior Girder	72	0.95	1	1	4.116144
HS15_str_inv	BOBJ1	154	Before	Left Exterior Girder	74	0.95	1	1	3.596396
HS15_str_inv	BOBJ1	154	Before	Right Exterior Girder	74	0.95	1	1	3.599762
HS15_str_inv	BOBJ1	154	After	Left Exterior Girder	74	0.95	1	1	5.639394
HS15_str_inv	BOBJ1	154	After	Right Exterior Girder	74	0.95	1	1	5.64476
HS15_str_inv	BOBJ1	160	Before	Left Exterior Girder	80	0.95	1	1	3.907427
HS15_str_inv	BOBJ1	160	Before	Interior Girder 1	80	0.95	1	1	2.821042
HS15_str_inv	BOBJ1	160	Before	Interior Girder 2	80	0.95	1	1	2.802267
HS15_str_inv	BOBJ1	160	Before	Interior Girder 3	80	0.95	1	1	2.305937
HS15_str_inv	BOBJ1	160	Before	Interior Girder 4	80	0.95	1	1	2.310153
HS15_str_inv	BOBJ1	160	Before	Interior Girder 5	80	0.95	1	1	2.792891
HS15_str_inv	BOBJ1	160	Before	Interior Girder 6	80	0.95	1	1	2.822299
HS15_str_inv	BOBJ1	160	Before	Right Exterior Girder	80	0.95	1	1	3.911498
HS15_str_inv	BOBJ1	160	After	Left Exterior Girder	0	0.95	1	1	3.859071
HS15_str_inv	BOBJ1	160	After	Interior Girder 1	0	0.95	1	1	2.740183
HS15_str_inv	BOBJ1	160	After	Interior Girder 2	0	0.95	1	1	2.743513
HS15_str_inv	BOBJ1	160	After	Interior Girder 3	0	0.95	1	1	2.26955
HS15_str_inv	BOBJ1	160	After	Interior Girder 4	0	0.95	1	1	2.272834
HS15_str_inv	BOBJ1	160	After	Interior Girder 5	0	0.95	1	1	2.738879
HS15_str_inv	BOBJ1	160	After	Interior Girder 6	0	0.95	1	1	2.744238
HS15_str_inv	BOBJ1	160	After	Right Exterior Girder	0	0.95	1	1	3.863687
HS15_str_inv	BOBJ1	166	Before	Left Exterior Girder	6	0.95	1	1	5.815955
HS15_str_inv	BOBJ1	166	Before	Right Exterior Girder	6	0.95	1	1	5.822174
HS15_str_inv	BOBJ1	166	After	Left Exterior Girder	6	0.95	1	1	3.753737
HS15_str_inv	BOBJ1	166	After	Right Exterior Girder	6	0.95	1	1	3.757694
HS15_str_inv	BOBJ1	168	Before	Left Exterior Girder	8	0.95	1	1	4.318337
HS15_str_inv	BOBJ1	168	Before	Interior Girder 1	8	0.95	1	1	4.775597
HS15_str_inv	BOBJ1	168	Before	Interior Girder 2	8	0.95	1	1	4.865935
HS15_str_inv	BOBJ1	168	Before	Interior Girder 3	8	0.95	1	1	4.66539
HS15_str_inv	BOBJ1	168	Before	Interior Girder 4	8	0.95	1	1	4.663175
HS15_str_inv	BOBJ1	168	Before	Interior Girder 5	8	0.95	1	1	4.861439
HS15_str_inv	BOBJ1	168	Before	Interior Girder 6	8	0.95	1	1	4.77706
HS15_str_inv	BOBJ1	168	Before	Right Exterior Girder	8	0.95	1	1	4.322621
HS15_str_inv	BOBJ1	168	After	Left Exterior Girder	8	0.95	1	1	4.266105
HS15_str_inv	BOBJ1	168	After	Interior Girder 1	8	0.95	1	1	4.858557
HS15_str_inv	BOBJ1	168	After	Interior Girder 2	8	0.95	1	1	4.923198
HS15_str_inv	BOBJ1	168	After	Interior Girder 3	8	0.95	1	1	4.701524
HS15_str_inv	BOBJ1	168	After	Interior Girder 4	8	0.95	1	1	4.699076
HS15_str_inv	BOBJ1	168	After	Interior Girder 5	8	0.95	1	1	4.919011
HS15_str_inv	BOBJ1	168	After	Interior Girder 6	8	0.95	1	1	4.860019
HS15_str_inv	BOBJ1	168	After	Right Exterior Girder	8	0.95	1	1	4.270262
HS15_str_inv	BOBJ1	170	Before	Interior Girder 1	10	0.95	1	1	5.348512
HS15_str_inv	BOBJ1	170	Before	Interior Girder 2	10	0.95	1	1	5.420985
HS15_str_inv	BOBJ1	170	Before	Interior Girder 3	10	0.95	1	1	5.298161
HS15_str_inv	BOBJ1	170	Before	Interior Girder 4	10	0.95	1	1	5.295303
HS15_str_inv	BOBJ1	170	Before	Interior Girder 5	10	0.95	1	1	5.416816
HS15_str_inv	BOBJ1	170	Before	Interior Girder 6	10	0.95	1	1	5.34973
HS15_str_inv	BOBJ1	170	After	Interior Girder 1	10	0.95	1	1	2.510156
HS15_str_inv	BOBJ1	170	After	Interior Girder 2	10	0.95	1	1	2.61083
HS15_str_inv	BOBJ1	170	After	Interior Girder 3	10	0.95	1	1	2.513516
HS15_str_inv	BOBJ1	170	After	Interior Girder 4	10	0.95	1	1	2.51227
HS15_str_inv	BOBJ1	170	After	Interior Girder 5	10	0.95	1	1	2.608718
HS15_str_inv	BOBJ1	170	After	Interior Girder 6	10	0.95	1	1	2.510841
HS15_str_inv	BOBJ1	176	Before	Left Exterior Girder	16	0.95	1	1	6.330691
HS15_str_inv	BOBJ1	176	Before	Interior Girder 1	16	0.95	1	1	3.738408
HS15_str_inv	BOBJ1	176	Before	Interior Girder 2	16	0.95	1	1	3.511096
HS15_str_inv	BOBJ1	176	Before	Interior Girder 3	16	0.95	1	1	3.434835
HS15_str_inv	BOBJ1	176	Before	Interior Girder 4	16	0.95	1	1	3.448996
HS15_str_inv	BOBJ1	176	Before	Interior Girder 5	16	0.95	1	1	3.518758
HS15_str_inv	BOBJ1	176	Before	Interior Girder 6	16	0.95	1	1	3.738738

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelINonCompStrgth-Flx - Approach, Span 4-E									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
HS15_str_inv	BOBJ1	176	Before	Right Exterior Girder	16	0.95	1	1	6.336965
HS15_str_inv	BOBJ1	176	After	Left Exterior Girder	16	0.95	1	1	6.573865
HS15_str_inv	BOBJ1	176	After	Interior Girder 1	16	0.95	1	1	3.787432
HS15_str_inv	BOBJ1	176	After	Interior Girder 2	16	0.95	1	1	3.480941
HS15_str_inv	BOBJ1	176	After	Interior Girder 3	16	0.95	1	1	3.48591
HS15_str_inv	BOBJ1	176	After	Interior Girder 4	16	0.95	1	1	3.495015
HS15_str_inv	BOBJ1	176	After	Interior Girder 5	16	0.95	1	1	3.487698
HS15_str_inv	BOBJ1	176	After	Interior Girder 6	16	0.95	1	1	3.787879
HS15_str_inv	BOBJ1	176	After	Right Exterior Girder	16	0.95	1	1	6.580376
HS15_str_inv	BOBJ1	181	Before	Interior Girder 1	21	0.95	1	1	2.221465
HS15_str_inv	BOBJ1	181	Before	Interior Girder 2	21	0.95	1	1	2.103997
HS15_str_inv	BOBJ1	181	Before	Interior Girder 3	21	0.95	1	1	2.058684
HS15_str_inv	BOBJ1	181	Before	Interior Girder 4	21	0.95	1	1	2.069536
HS15_str_inv	BOBJ1	181	Before	Interior Girder 5	21	0.95	1	1	2.100547
HS15_str_inv	BOBJ1	181	Before	Interior Girder 6	21	0.95	1	1	2.225835
HS15_str_inv	BOBJ1	181	After	Interior Girder 1	21	0.95	1	1	3.959908
HS15_str_inv	BOBJ1	181	After	Interior Girder 2	21	0.95	1	1	3.713953
HS15_str_inv	BOBJ1	181	After	Interior Girder 3	21	0.95	1	1	3.730543
HS15_str_inv	BOBJ1	181	After	Interior Girder 4	21	0.95	1	1	3.75244
HS15_str_inv	BOBJ1	181	After	Interior Girder 5	21	0.95	1	1	3.707435
HS15_str_inv	BOBJ1	181	After	Interior Girder 6	21	0.95	1	1	3.967731
HS15_str_inv	BOBJ1	184	Before	Left Exterior Girder	24	0.95	1	1	3.804231
HS15_str_inv	BOBJ1	184	Before	Interior Girder 1	24	0.95	1	1	3.20562
HS15_str_inv	BOBJ1	184	Before	Interior Girder 2	24	0.95	1	1	3.081603
HS15_str_inv	BOBJ1	184	Before	Interior Girder 3	24	0.95	1	1	3.101543
HS15_str_inv	BOBJ1	184	Before	Interior Girder 4	24	0.95	1	1	3.113145
HS15_str_inv	BOBJ1	184	Before	Interior Girder 5	24	0.95	1	1	3.074731
HS15_str_inv	BOBJ1	184	Before	Interior Girder 6	24	0.95	1	1	3.21202
HS15_str_inv	BOBJ1	184	Before	Right Exterior Girder	24	0.95	1	1	3.807086
HS15_str_inv	BOBJ1	184	After	Left Exterior Girder	24	0.95	1	1	3.88818
HS15_str_inv	BOBJ1	184	After	Interior Girder 1	24	0.95	1	1	3.166152
HS15_str_inv	BOBJ1	184	After	Interior Girder 2	24	0.95	1	1	3.087102
HS15_str_inv	BOBJ1	184	After	Interior Girder 3	24	0.95	1	1	3.136203
HS15_str_inv	BOBJ1	184	After	Interior Girder 4	24	0.95	1	1	3.157557
HS15_str_inv	BOBJ1	184	After	Interior Girder 5	24	0.95	1	1	3.083012
HS15_str_inv	BOBJ1	184	After	Interior Girder 6	24	0.95	1	1	3.17209
HS15_str_inv	BOBJ1	184	After	Right Exterior Girder	24	0.95	1	1	3.890895
HS15_str_inv	BOBJ1	192	Before	Left Exterior Girder	32	0.95	1	1	2.44617
HS15_str_inv	BOBJ1	192	Before	Interior Girder 1	32	0.95	1	1	2.209005
HS15_str_inv	BOBJ1	192	Before	Interior Girder 2	32	0.95	1	1	2.255825
HS15_str_inv	BOBJ1	192	Before	Interior Girder 3	32	0.95	1	1	2.292971
HS15_str_inv	BOBJ1	192	Before	Interior Girder 4	32	0.95	1	1	2.295414
HS15_str_inv	BOBJ1	192	Before	Interior Girder 5	32	0.95	1	1	2.255231
HS15_str_inv	BOBJ1	192	Before	Interior Girder 6	32	0.95	1	1	2.208873
HS15_str_inv	BOBJ1	192	Before	Right Exterior Girder	32	0.95	1	1	2.448949
HS15_str_inv	BOBJ1	192	After	Left Exterior Girder	32	0.95	1	1	2.497611
HS15_str_inv	BOBJ1	192	After	Interior Girder 1	32	0.95	1	1	2.180334
HS15_str_inv	BOBJ1	192	After	Interior Girder 2	32	0.95	1	1	2.247134
HS15_str_inv	BOBJ1	192	After	Interior Girder 3	32	0.95	1	1	2.291298
HS15_str_inv	BOBJ1	192	After	Interior Girder 4	32	0.95	1	1	2.294101
HS15_str_inv	BOBJ1	192	After	Interior Girder 5	32	0.95	1	1	2.247512
HS15_str_inv	BOBJ1	192	After	Interior Girder 6	32	0.95	1	1	2.180261
HS15_str_inv	BOBJ1	192	After	Right Exterior Girder	32	0.95	1	1	2.500003
HS15_str_inv	BOBJ1	200	Before	Left Exterior Girder	40	0.95	1	1	2.052155
HS15_str_inv	BOBJ1	200	Before	Interior Girder 1	40	0.95	1	1	1.735523
HS15_str_inv	BOBJ1	200	Before	Interior Girder 2	40	0.95	1	1	1.790862
HS15_str_inv	BOBJ1	200	Before	Interior Girder 3	40	0.95	1	1	1.850215
HS15_str_inv	BOBJ1	200	Before	Interior Girder 4	40	0.95	1	1	1.853881
HS15_str_inv	BOBJ1	200	Before	Interior Girder 5	40	0.95	1	1	1.787623
HS15_str_inv	BOBJ1	200	Before	Interior Girder 6	40	0.95	1	1	1.737883
HS15_str_inv	BOBJ1	200	Before	Right Exterior Girder	40	0.95	1	1	2.053902
HS15_str_inv	BOBJ1	200	After	Left Exterior Girder	40	0.95	1	1	2.071842
HS15_str_inv	BOBJ1	200	After	Interior Girder 1	40	0.95	1	1	1.72724
HS15_str_inv	BOBJ1	200	After	Interior Girder 2	40	0.95	1	1	1.796035
HS15_str_inv	BOBJ1	200	After	Interior Girder 3	40	0.95	1	1	1.854407

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelINonCompStrgth-Flx - Approach, Span 4-E									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
HS15_str_inv	BOBJ1	200	After	Interior Girder 4	40	0.95	1	1	1.860522
HS15_str_inv	BOBJ1	200	After	Interior Girder 5	40	0.95	1	1	1.792819
HS15_str_inv	BOBJ1	200	After	Interior Girder 6	40	0.95	1	1	1.72947
HS15_str_inv	BOBJ1	200	After	Right Exterior Girder	40	0.95	1	1	2.073553
HS15_str_inv	BOBJ1	208	Before	Left Exterior Girder	48	0.95	1	1	1.905739
HS15_str_inv	BOBJ1	208	Before	Interior Girder 1	48	0.95	1	1	1.661652
HS15_str_inv	BOBJ1	208	Before	Interior Girder 2	48	0.95	1	1	1.755123
HS15_str_inv	BOBJ1	208	Before	Interior Girder 3	48	0.95	1	1	1.806976
HS15_str_inv	BOBJ1	208	Before	Interior Girder 4	48	0.95	1	1	1.808459
HS15_str_inv	BOBJ1	208	Before	Interior Girder 5	48	0.95	1	1	1.754259
HS15_str_inv	BOBJ1	208	Before	Interior Girder 6	48	0.95	1	1	1.661603
HS15_str_inv	BOBJ1	208	Before	Right Exterior Girder	48	0.95	1	1	1.907721
HS15_str_inv	BOBJ1	208	After	Left Exterior Girder	48	0.95	1	1	1.897709
HS15_str_inv	BOBJ1	208	After	Interior Girder 1	48	0.95	1	1	1.661653
HS15_str_inv	BOBJ1	208	After	Interior Girder 2	48	0.95	1	1	1.756879
HS15_str_inv	BOBJ1	208	After	Interior Girder 3	48	0.95	1	1	1.803705
HS15_str_inv	BOBJ1	208	After	Interior Girder 4	48	0.95	1	1	1.804736
HS15_str_inv	BOBJ1	208	After	Interior Girder 5	48	0.95	1	1	1.756168
HS15_str_inv	BOBJ1	208	After	Interior Girder 6	48	0.95	1	1	1.661593
HS15_str_inv	BOBJ1	208	After	Right Exterior Girder	48	0.95	1	1	1.899749
HS15_str_inv	BOBJ1	216	Before	Left Exterior Girder	56	0.95	1	1	2.223854
HS15_str_inv	BOBJ1	216	Before	Interior Girder 1	56	0.95	1	1	1.827435
HS15_str_inv	BOBJ1	216	Before	Interior Girder 2	56	0.95	1	1	1.875571
HS15_str_inv	BOBJ1	216	Before	Interior Girder 3	56	0.95	1	1	1.949663
HS15_str_inv	BOBJ1	216	Before	Interior Girder 4	56	0.95	1	1	1.958442
HS15_str_inv	BOBJ1	216	Before	Interior Girder 5	56	0.95	1	1	1.872011
HS15_str_inv	BOBJ1	216	Before	Interior Girder 6	56	0.95	1	1	1.829947
HS15_str_inv	BOBJ1	216	Before	Right Exterior Girder	56	0.95	1	1	2.225467
HS15_str_inv	BOBJ1	216	After	Left Exterior Girder	56	0.95	1	1	2.188849
HS15_str_inv	BOBJ1	216	After	Interior Girder 1	56	0.95	1	1	1.8366
HS15_str_inv	BOBJ1	216	After	Interior Girder 2	56	0.95	1	1	1.874482
HS15_str_inv	BOBJ1	216	After	Interior Girder 3	56	0.95	1	1	1.926434
HS15_str_inv	BOBJ1	216	After	Interior Girder 4	56	0.95	1	1	1.930251
HS15_str_inv	BOBJ1	216	After	Interior Girder 5	56	0.95	1	1	1.870952
HS15_str_inv	BOBJ1	216	After	Interior Girder 6	56	0.95	1	1	1.839781
HS15_str_inv	BOBJ1	216	After	Right Exterior Girder	56	0.95	1	1	2.190752
HS15_str_inv	BOBJ1	224	Before	Left Exterior Girder	64	0.95	1	1	2.983118
HS15_str_inv	BOBJ1	224	Before	Interior Girder 1	64	0.95	1	1	2.546741
HS15_str_inv	BOBJ1	224	Before	Interior Girder 2	64	0.95	1	1	2.559426
HS15_str_inv	BOBJ1	224	Before	Interior Girder 3	64	0.95	1	1	2.623949
HS15_str_inv	BOBJ1	224	Before	Interior Girder 4	64	0.95	1	1	2.626625
HS15_str_inv	BOBJ1	224	Before	Interior Girder 5	64	0.95	1	1	2.561542
HS15_str_inv	BOBJ1	224	Before	Interior Girder 6	64	0.95	1	1	2.546512
HS15_str_inv	BOBJ1	224	Before	Right Exterior Girder	64	0.95	1	1	2.986139
HS15_str_inv	BOBJ1	224	After	Left Exterior Girder	64	0.95	1	1	2.899937
HS15_str_inv	BOBJ1	224	After	Interior Girder 1	64	0.95	1	1	2.596523
HS15_str_inv	BOBJ1	224	After	Interior Girder 2	64	0.95	1	1	2.554791
HS15_str_inv	BOBJ1	224	After	Interior Girder 3	64	0.95	1	1	2.59756
HS15_str_inv	BOBJ1	224	After	Interior Girder 4	64	0.95	1	1	2.598894
HS15_str_inv	BOBJ1	224	After	Interior Girder 5	64	0.95	1	1	2.554212
HS15_str_inv	BOBJ1	224	After	Interior Girder 6	64	0.95	1	1	2.596277
HS15_str_inv	BOBJ1	224	After	Right Exterior Girder	64	0.95	1	1	2.903158
HS15_str_inv	BOBJ1	232	Before	Left Exterior Girder	72	0.95	1	1	6.168967
HS15_str_inv	BOBJ1	232	Before	Interior Girder 1	72	0.95	1	1	4.6716
HS15_str_inv	BOBJ1	232	Before	Interior Girder 2	72	0.95	1	1	4.449578
HS15_str_inv	BOBJ1	232	Before	Interior Girder 3	72	0.95	1	1	4.503392
HS15_str_inv	BOBJ1	232	Before	Interior Girder 4	72	0.95	1	1	4.54406
HS15_str_inv	BOBJ1	232	Before	Interior Girder 5	72	0.95	1	1	4.456289
HS15_str_inv	BOBJ1	232	Before	Interior Girder 6	72	0.95	1	1	4.682184
HS15_str_inv	BOBJ1	232	Before	Right Exterior Girder	72	0.95	1	1	6.173553
HS15_str_inv	BOBJ1	232	After	Left Exterior Girder	72	0.95	1	1	6.101086
HS15_str_inv	BOBJ1	232	After	Interior Girder 1	72	0.95	1	1	4.656626
HS15_str_inv	BOBJ1	232	After	Interior Girder 2	72	0.95	1	1	4.389628
HS15_str_inv	BOBJ1	232	After	Interior Girder 3	72	0.95	1	1	4.307742
HS15_str_inv	BOBJ1	232	After	Interior Girder 4	72	0.95	1	1	4.333071

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelINonCompStrgth-Flx - Approach, Span 4-E									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
HS15_str_inv	BOBJ1	232	After	Interior Girder 5	72	0.95	1	1	4.383803
HS15_str_inv	BOBJ1	232	After	Interior Girder 6	72	0.95	1	1	4.67035
HS15_str_inv	BOBJ1	232	After	Right Exterior Girder	72	0.95	1	1	6.107252
HS15_str_inv	BOBJ1	240	Before	Left Exterior Girder	80	0.95	1	1	60.658632
HS15_str_inv	BOBJ1	240	Before	Interior Girder 1	80	0.95	1	1	34.166407
HS15_str_inv	BOBJ1	240	Before	Interior Girder 2	80	0.95	1	1	28.518906
HS15_str_inv	BOBJ1	240	Before	Interior Girder 3	80	0.95	1	1	19.606707
HS15_str_inv	BOBJ1	240	Before	Interior Girder 4	80	0.95	1	1	19.739402
HS15_str_inv	BOBJ1	240	Before	Interior Girder 5	80	0.95	1	1	28.188112
HS15_str_inv	BOBJ1	240	Before	Interior Girder 6	80	0.95	1	1	34.171763
HS15_str_inv	BOBJ1	240	Before	Right Exterior Girder	80	0.95	1	1	60.729148
Lane_str_opr	BOBJ1	0	After	Left Exterior Girder	0	0.95	1	1	1679.328929
Lane_str_opr	BOBJ1	0	After	Interior Girder 1	0	0.95	1	1	1331.11727
Lane_str_opr	BOBJ1	0	After	Interior Girder 2	0	0.95	1	1	1755.437097
Lane_str_opr	BOBJ1	0	After	Interior Girder 3	0	0.95	1	1	1119.211188
Lane_str_opr	BOBJ1	0	After	Interior Girder 4	0	0.95	1	1	1111.163583
Lane_str_opr	BOBJ1	0	After	Interior Girder 5	0	0.95	1	1	1692.820385
Lane_str_opr	BOBJ1	0	After	Interior Girder 6	0	0.95	1	1	1322.765872
Lane_str_opr	BOBJ1	0	After	Right Exterior Girder	0	0.95	1	1	1679.328924
Lane_str_opr	BOBJ1	8	Before	Left Exterior Girder	8	0.95	1	1	22.275973
Lane_str_opr	BOBJ1	8	Before	Interior Girder 1	8	0.95	1	1	19.789
Lane_str_opr	BOBJ1	8	Before	Interior Girder 2	8	0.95	1	1	20.110235
Lane_str_opr	BOBJ1	8	Before	Interior Girder 3	8	0.95	1	1	19.976588
Lane_str_opr	BOBJ1	8	Before	Interior Girder 4	8	0.95	1	1	19.951108
Lane_str_opr	BOBJ1	8	Before	Interior Girder 5	8	0.95	1	1	19.84556
Lane_str_opr	BOBJ1	8	Before	Interior Girder 6	8	0.95	1	1	19.958075
Lane_str_opr	BOBJ1	8	Before	Right Exterior Girder	8	0.95	1	1	22.358576
Lane_str_opr	BOBJ1	8	After	Left Exterior Girder	8	0.95	1	1	22.762004
Lane_str_opr	BOBJ1	8	After	Interior Girder 1	8	0.95	1	1	19.290592
Lane_str_opr	BOBJ1	8	After	Interior Girder 2	8	0.95	1	1	20.254616
Lane_str_opr	BOBJ1	8	After	Interior Girder 3	8	0.95	1	1	20.931802
Lane_str_opr	BOBJ1	8	After	Interior Girder 4	8	0.95	1	1	20.910768
Lane_str_opr	BOBJ1	8	After	Interior Girder 5	8	0.95	1	1	20.011457
Lane_str_opr	BOBJ1	8	After	Interior Girder 6	8	0.95	1	1	19.438543
Lane_str_opr	BOBJ1	8	After	Right Exterior Girder	8	0.95	1	1	22.832141
Lane_str_opr	BOBJ1	16	Before	Left Exterior Girder	16	0.95	1	1	9.974447
Lane_str_opr	BOBJ1	16	Before	Interior Girder 1	16	0.95	1	1	10.292957
Lane_str_opr	BOBJ1	16	Before	Interior Girder 2	16	0.95	1	1	10.417349
Lane_str_opr	BOBJ1	16	Before	Interior Girder 3	16	0.95	1	1	10.496706
Lane_str_opr	BOBJ1	16	Before	Interior Girder 4	16	0.95	1	1	10.477808
Lane_str_opr	BOBJ1	16	Before	Interior Girder 5	16	0.95	1	1	10.390148
Lane_str_opr	BOBJ1	16	Before	Interior Girder 6	16	0.95	1	1	10.294707
Lane_str_opr	BOBJ1	16	Before	Right Exterior Girder	16	0.95	1	1	10.018816
Lane_str_opr	BOBJ1	16	After	Left Exterior Girder	16	0.95	1	1	10.219491
Lane_str_opr	BOBJ1	16	After	Interior Girder 1	16	0.95	1	1	10.040658
Lane_str_opr	BOBJ1	16	After	Interior Girder 2	16	0.95	1	1	10.406516
Lane_str_opr	BOBJ1	16	After	Interior Girder 3	16	0.95	1	1	10.572027
Lane_str_opr	BOBJ1	16	After	Interior Girder 4	16	0.95	1	1	10.555514
Lane_str_opr	BOBJ1	16	After	Interior Girder 5	16	0.95	1	1	10.382937
Lane_str_opr	BOBJ1	16	After	Interior Girder 6	16	0.95	1	1	10.04232
Lane_str_opr	BOBJ1	16	After	Right Exterior Girder	16	0.95	1	1	10.260831
Lane_str_opr	BOBJ1	20.5	Before	Left Exterior Girder	20.5	0.95	1	1	8.032601
Lane_str_opr	BOBJ1	20.5	Before	Right Exterior Girder	20.5	0.95	1	1	8.062843
Lane_str_opr	BOBJ1	20.5	After	Left Exterior Girder	20.5	0.95	1	1	11.933939
Lane_str_opr	BOBJ1	20.5	After	Right Exterior Girder	20.5	0.95	1	1	11.977198
Lane_str_opr	BOBJ1	24	Before	Left Exterior Girder	24	0.95	1	1	10.453552
Lane_str_opr	BOBJ1	24	Before	Interior Girder 1	24	0.95	1	1	7.102395
Lane_str_opr	BOBJ1	24	Before	Interior Girder 2	24	0.95	1	1	7.346297
Lane_str_opr	BOBJ1	24	Before	Interior Girder 3	24	0.95	1	1	7.549245
Lane_str_opr	BOBJ1	24	Before	Interior Girder 4	24	0.95	1	1	7.539721
Lane_str_opr	BOBJ1	24	Before	Interior Girder 5	24	0.95	1	1	7.310643
Lane_str_opr	BOBJ1	24	Before	Interior Girder 6	24	0.95	1	1	7.117251
Lane_str_opr	BOBJ1	24	Before	Right Exterior Girder	24	0.95	1	1	10.490573
Lane_str_opr	BOBJ1	24	After	Left Exterior Girder	24	0.95	1	1	10.471924
Lane_str_opr	BOBJ1	24	After	Interior Girder 1	24	0.95	1	1	7.091756

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelINonCompStrgth-Flx - Approach, Span 4-E									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Lane_str_opr	BOBJ1	24	After	Interior Girder 2	24	0.95	1	1	7.341283
Lane_str_opr	BOBJ1	24	After	Interior Girder 3	24	0.95	1	1	7.56476
Lane_str_opr	BOBJ1	24	After	Interior Girder 4	24	0.95	1	1	7.556431
Lane_str_opr	BOBJ1	24	After	Interior Girder 5	24	0.95	1	1	7.305669
Lane_str_opr	BOBJ1	24	After	Interior Girder 6	24	0.95	1	1	7.107529
Lane_str_opr	BOBJ1	24	After	Right Exterior Girder	24	0.95	1	1	10.505923
Lane_str_opr	BOBJ1	32	Before	Left Exterior Girder	32	0.95	1	1	8.60397
Lane_str_opr	BOBJ1	32	Before	Interior Girder 1	32	0.95	1	1	6.358296
Lane_str_opr	BOBJ1	32	Before	Interior Girder 2	32	0.95	1	1	6.487245
Lane_str_opr	BOBJ1	32	Before	Interior Girder 3	32	0.95	1	1	6.62651
Lane_str_opr	BOBJ1	32	Before	Interior Girder 4	32	0.95	1	1	6.61789
Lane_str_opr	BOBJ1	32	Before	Interior Girder 5	32	0.95	1	1	6.486489
Lane_str_opr	BOBJ1	32	Before	Interior Girder 6	32	0.95	1	1	6.351776
Lane_str_opr	BOBJ1	32	Before	Right Exterior Girder	32	0.95	1	1	8.635033
Lane_str_opr	BOBJ1	32	After	Left Exterior Girder	32	0.95	1	1	8.654994
Lane_str_opr	BOBJ1	32	After	Interior Girder 1	32	0.95	1	1	6.342738
Lane_str_opr	BOBJ1	32	After	Interior Girder 2	32	0.95	1	1	6.476425
Lane_str_opr	BOBJ1	32	After	Interior Girder 3	32	0.95	1	1	6.620716
Lane_str_opr	BOBJ1	32	After	Interior Girder 4	32	0.95	1	1	6.612407
Lane_str_opr	BOBJ1	32	After	Interior Girder 5	32	0.95	1	1	6.475173
Lane_str_opr	BOBJ1	32	After	Interior Girder 6	32	0.95	1	1	6.337073
Lane_str_opr	BOBJ1	32	After	Right Exterior Girder	32	0.95	1	1	8.685316
Lane_str_opr	BOBJ1	40	Before	Left Exterior Girder	40	0.95	1	1	9.068513
Lane_str_opr	BOBJ1	40	Before	Interior Girder 1	40	0.95	1	1	6.37845
Lane_str_opr	BOBJ1	40	Before	Interior Girder 2	40	0.95	1	1	6.60284
Lane_str_opr	BOBJ1	40	Before	Interior Girder 3	40	0.95	1	1	6.772926
Lane_str_opr	BOBJ1	40	Before	Interior Girder 4	40	0.95	1	1	6.766136
Lane_str_opr	BOBJ1	40	Before	Interior Girder 5	40	0.95	1	1	6.579123
Lane_str_opr	BOBJ1	40	Before	Interior Girder 6	40	0.95	1	1	6.387633
Lane_str_opr	BOBJ1	40	Before	Right Exterior Girder	40	0.95	1	1	9.097054
Lane_str_opr	BOBJ1	40	After	Left Exterior Girder	40	0.95	1	1	9.078325
Lane_str_opr	BOBJ1	40	After	Interior Girder 1	40	0.95	1	1	6.390248
Lane_str_opr	BOBJ1	40	After	Interior Girder 2	40	0.95	1	1	6.596486
Lane_str_opr	BOBJ1	40	After	Interior Girder 3	40	0.95	1	1	6.76128
Lane_str_opr	BOBJ1	40	After	Interior Girder 4	40	0.95	1	1	6.754281
Lane_str_opr	BOBJ1	40	After	Interior Girder 5	40	0.95	1	1	6.572512
Lane_str_opr	BOBJ1	40	After	Interior Girder 6	40	0.95	1	1	6.399429
Lane_str_opr	BOBJ1	40	After	Right Exterior Girder	40	0.95	1	1	9.107769
Lane_str_opr	BOBJ1	46.5	Before	Left Exterior Girder	46.5	0.95	1	1	10.169069
Lane_str_opr	BOBJ1	46.5	Before	Right Exterior Girder	46.5	0.95	1	1	10.203529
Lane_str_opr	BOBJ1	46.5	After	Left Exterior Girder	46.5	0.95	1	1	7.009846
Lane_str_opr	BOBJ1	46.5	After	Right Exterior Girder	46.5	0.95	1	1	7.033909
Lane_str_opr	BOBJ1	48	Before	Left Exterior Girder	48	0.95	1	1	7.398497
Lane_str_opr	BOBJ1	48	Before	Interior Girder 1	48	0.95	1	1	7.732821
Lane_str_opr	BOBJ1	48	Before	Interior Girder 2	48	0.95	1	1	8.080089
Lane_str_opr	BOBJ1	48	Before	Interior Girder 3	48	0.95	1	1	8.152028
Lane_str_opr	BOBJ1	48	Before	Interior Girder 4	48	0.95	1	1	8.142009
Lane_str_opr	BOBJ1	48	Before	Interior Girder 5	48	0.95	1	1	8.080572
Lane_str_opr	BOBJ1	48	Before	Interior Girder 6	48	0.95	1	1	7.724971
Lane_str_opr	BOBJ1	48	Before	Right Exterior Girder	48	0.95	1	1	7.424457
Lane_str_opr	BOBJ1	48	After	Left Exterior Girder	48	0.95	1	1	7.299019
Lane_str_opr	BOBJ1	48	After	Interior Girder 1	48	0.95	1	1	7.825634
Lane_str_opr	BOBJ1	48	After	Interior Girder 2	48	0.95	1	1	8.082311
Lane_str_opr	BOBJ1	48	After	Interior Girder 3	48	0.95	1	1	8.127339
Lane_str_opr	BOBJ1	48	After	Interior Girder 4	48	0.95	1	1	8.116359
Lane_str_opr	BOBJ1	48	After	Interior Girder 5	48	0.95	1	1	8.0825
Lane_str_opr	BOBJ1	48	After	Interior Girder 6	48	0.95	1	1	7.816954
Lane_str_opr	BOBJ1	48	After	Right Exterior Girder	48	0.95	1	1	7.32646
Lane_str_opr	BOBJ1	56	Before	Left Exterior Girder	56	0.95	1	1	11.286169
Lane_str_opr	BOBJ1	56	Before	Interior Girder 1	56	0.95	1	1	10.98706
Lane_str_opr	BOBJ1	56	Before	Interior Girder 2	56	0.95	1	1	11.420743
Lane_str_opr	BOBJ1	56	Before	Interior Girder 3	56	0.95	1	1	11.714549
Lane_str_opr	BOBJ1	56	Before	Interior Girder 4	56	0.95	1	1	11.703312
Lane_str_opr	BOBJ1	56	Before	Interior Girder 5	56	0.95	1	1	11.364116
Lane_str_opr	BOBJ1	56	Before	Interior Girder 6	56	0.95	1	1	11.014513

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelINonCompStrgth-Flx - Approach, Span 4-E									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Lane_str_opr	BOBJ1	56	Before	Right Exterior Girder	56	0.95	1	1	11.318334
Lane_str_opr	BOBJ1	56	After	Left Exterior Girder	56	0.95	1	1	11.099829
Lane_str_opr	BOBJ1	56	After	Interior Girder 1	56	0.95	1	1	11.18725
Lane_str_opr	BOBJ1	56	After	Interior Girder 2	56	0.95	1	1	11.381472
Lane_str_opr	BOBJ1	56	After	Interior Girder 3	56	0.95	1	1	11.645502
Lane_str_opr	BOBJ1	56	After	Interior Girder 4	56	0.95	1	1	11.630354
Lane_str_opr	BOBJ1	56	After	Interior Girder 5	56	0.95	1	1	11.321195
Lane_str_opr	BOBJ1	56	After	Interior Girder 6	56	0.95	1	1	11.215307
Lane_str_opr	BOBJ1	56	After	Right Exterior Girder	56	0.95	1	1	11.136443
Lane_str_opr	BOBJ1	59	Before	Interior Girder 1	59	0.95	1	1	13.680875
Lane_str_opr	BOBJ1	59	Before	Interior Girder 2	59	0.95	1	1	13.892918
Lane_str_opr	BOBJ1	59	Before	Interior Girder 3	59	0.95	1	1	14.29537
Lane_str_opr	BOBJ1	59	Before	Interior Girder 4	59	0.95	1	1	14.276807
Lane_str_opr	BOBJ1	59	Before	Interior Girder 5	59	0.95	1	1	13.818392
Lane_str_opr	BOBJ1	59	Before	Interior Girder 6	59	0.95	1	1	13.717665
Lane_str_opr	BOBJ1	59	After	Interior Girder 1	59	0.95	1	1	7.038217
Lane_str_opr	BOBJ1	59	After	Interior Girder 2	59	0.95	1	1	7.181176
Lane_str_opr	BOBJ1	59	After	Interior Girder 3	59	0.95	1	1	7.219915
Lane_str_opr	BOBJ1	59	After	Interior Girder 4	59	0.95	1	1	7.210976
Lane_str_opr	BOBJ1	59	After	Interior Girder 5	59	0.95	1	1	7.141425
Lane_str_opr	BOBJ1	59	After	Interior Girder 6	59	0.95	1	1	7.056666
Lane_str_opr	BOBJ1	64	Before	Left Exterior Girder	64	0.95	1	1	20.88036
Lane_str_opr	BOBJ1	64	Before	Interior Girder 1	64	0.95	1	1	10.976727
Lane_str_opr	BOBJ1	64	Before	Interior Girder 2	64	0.95	1	1	10.631305
Lane_str_opr	BOBJ1	64	Before	Interior Girder 3	64	0.95	1	1	11.338107
Lane_str_opr	BOBJ1	64	Before	Interior Girder 4	64	0.95	1	1	11.323543
Lane_str_opr	BOBJ1	64	Before	Interior Girder 5	64	0.95	1	1	10.595221
Lane_str_opr	BOBJ1	64	Before	Interior Girder 6	64	0.95	1	1	10.985561
Lane_str_opr	BOBJ1	64	Before	Right Exterior Girder	64	0.95	1	1	20.94957
Lane_str_opr	BOBJ1	64	After	Left Exterior Girder	64	0.95	1	1	20.179956
Lane_str_opr	BOBJ1	64	After	Interior Girder 1	64	0.95	1	1	10.82559
Lane_str_opr	BOBJ1	64	After	Interior Girder 2	64	0.95	1	1	10.530975
Lane_str_opr	BOBJ1	64	After	Interior Girder 3	64	0.95	1	1	11.392659
Lane_str_opr	BOBJ1	64	After	Interior Girder 4	64	0.95	1	1	11.379505
Lane_str_opr	BOBJ1	64	After	Interior Girder 5	64	0.95	1	1	10.499751
Lane_str_opr	BOBJ1	64	After	Interior Girder 6	64	0.95	1	1	10.833244
Lane_str_opr	BOBJ1	64	After	Right Exterior Girder	64	0.95	1	1	20.256726
Lane_str_opr	BOBJ1	69	Before	Interior Girder 1	69	0.95	1	1	6.936316
Lane_str_opr	BOBJ1	69	Before	Interior Girder 2	69	0.95	1	1	6.748136
Lane_str_opr	BOBJ1	69	Before	Interior Girder 3	69	0.95	1	1	6.788208
Lane_str_opr	BOBJ1	69	Before	Interior Girder 4	69	0.95	1	1	6.778378
Lane_str_opr	BOBJ1	69	Before	Interior Girder 5	69	0.95	1	1	6.722313
Lane_str_opr	BOBJ1	69	Before	Interior Girder 6	69	0.95	1	1	6.954476
Lane_str_opr	BOBJ1	69	After	Interior Girder 1	69	0.95	1	1	15.329474
Lane_str_opr	BOBJ1	69	After	Interior Girder 2	69	0.95	1	1	14.520274
Lane_str_opr	BOBJ1	69	After	Interior Girder 3	69	0.95	1	1	14.863832
Lane_str_opr	BOBJ1	69	After	Interior Girder 4	69	0.95	1	1	14.848234
Lane_str_opr	BOBJ1	69	After	Interior Girder 5	69	0.95	1	1	14.479513
Lane_str_opr	BOBJ1	69	After	Interior Girder 6	69	0.95	1	1	15.360699
Lane_str_opr	BOBJ1	72	Before	Left Exterior Girder	72	0.95	1	1	11.26053
Lane_str_opr	BOBJ1	72	Before	Interior Girder 1	72	0.95	1	1	11.51996
Lane_str_opr	BOBJ1	72	Before	Interior Girder 2	72	0.95	1	1	11.097278
Lane_str_opr	BOBJ1	72	Before	Interior Girder 3	72	0.95	1	1	10.759186
Lane_str_opr	BOBJ1	72	Before	Interior Girder 4	72	0.95	1	1	10.740061
Lane_str_opr	BOBJ1	72	Before	Interior Girder 5	72	0.95	1	1	11.054665
Lane_str_opr	BOBJ1	72	Before	Interior Girder 6	72	0.95	1	1	11.553952
Lane_str_opr	BOBJ1	72	Before	Right Exterior Girder	72	0.95	1	1	11.328831
Lane_str_opr	BOBJ1	72	After	Left Exterior Girder	72	0.95	1	1	11.606062
Lane_str_opr	BOBJ1	72	After	Interior Girder 1	72	0.95	1	1	11.210519
Lane_str_opr	BOBJ1	72	After	Interior Girder 2	72	0.95	1	1	11.042647
Lane_str_opr	BOBJ1	72	After	Interior Girder 3	72	0.95	1	1	10.869927
Lane_str_opr	BOBJ1	72	After	Interior Girder 4	72	0.95	1	1	10.854278
Lane_str_opr	BOBJ1	72	After	Interior Girder 5	72	0.95	1	1	10.993834
Lane_str_opr	BOBJ1	72	After	Interior Girder 6	72	0.95	1	1	11.245882
Lane_str_opr	BOBJ1	72	After	Right Exterior Girder	72	0.95	1	1	11.67467

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelINonCompStrgth-Flx - Approach, Span 4-6									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Lane_str_opr	BOBJ1	72.5	Before	Left Exterior Girder	72.5	0.95	1	1	10.727908
Lane_str_opr	BOBJ1	72.5	Before	Right Exterior Girder	72.5	0.95	1	1	10.78746
Lane_str_opr	BOBJ1	72.5	After	Left Exterior Girder	72.5	0.95	1	1	16.635228
Lane_str_opr	BOBJ1	72.5	After	Right Exterior Girder	72.5	0.95	1	1	16.727579
Lane_str_opr	BOBJ1	80	Before	Left Exterior Girder	80	0.95	1	1	7.409436
Lane_str_opr	BOBJ1	80	Before	Interior Girder 1	80	0.95	1	1	4.681761
Lane_str_opr	BOBJ1	80	Before	Interior Girder 2	80	0.95	1	1	4.80904
Lane_str_opr	BOBJ1	80	Before	Interior Girder 3	80	0.95	1	1	4.071546
Lane_str_opr	BOBJ1	80	Before	Interior Girder 4	80	0.95	1	1	4.063664
Lane_str_opr	BOBJ1	80	Before	Interior Girder 5	80	0.95	1	1	4.779826
Lane_str_opr	BOBJ1	80	Before	Interior Girder 6	80	0.95	1	1	4.708439
Lane_str_opr	BOBJ1	80	Before	Right Exterior Girder	80	0.95	1	1	7.447587
Lane_str_opr	BOBJ1	80	After	Left Exterior Girder	0	0.95	1	1	7.391423
Lane_str_opr	BOBJ1	80	After	Interior Girder 1	0	0.95	1	1	4.693008
Lane_str_opr	BOBJ1	80	After	Interior Girder 2	0	0.95	1	1	4.803881
Lane_str_opr	BOBJ1	80	After	Interior Girder 3	0	0.95	1	1	4.063351
Lane_str_opr	BOBJ1	80	After	Interior Girder 4	0	0.95	1	1	4.055761
Lane_str_opr	BOBJ1	80	After	Interior Girder 5	0	0.95	1	1	4.775304
Lane_str_opr	BOBJ1	80	After	Interior Girder 6	0	0.95	1	1	4.719903
Lane_str_opr	BOBJ1	80	After	Right Exterior Girder	0	0.95	1	1	7.429217
Lane_str_opr	BOBJ1	87.5	Before	Left Exterior Girder	7.5	0.95	1	1	15.094553
Lane_str_opr	BOBJ1	87.5	Before	Right Exterior Girder	7.5	0.95	1	1	15.169527
Lane_str_opr	BOBJ1	87.5	After	Left Exterior Girder	7.5	0.95	1	1	9.524973
Lane_str_opr	BOBJ1	87.5	After	Right Exterior Girder	7.5	0.95	1	1	9.572621
Lane_str_opr	BOBJ1	88	Before	Left Exterior Girder	8	0.95	1	1	10.198046
Lane_str_opr	BOBJ1	88	Before	Interior Girder 1	8	0.95	1	1	10.069194
Lane_str_opr	BOBJ1	88	Before	Interior Girder 2	8	0.95	1	1	9.926481
Lane_str_opr	BOBJ1	88	Before	Interior Girder 3	8	0.95	1	1	9.753961
Lane_str_opr	BOBJ1	88	Before	Interior Girder 4	8	0.95	1	1	9.746421
Lane_str_opr	BOBJ1	88	Before	Interior Girder 5	8	0.95	1	1	9.90313
Lane_str_opr	BOBJ1	88	Before	Interior Girder 6	8	0.95	1	1	10.114497
Lane_str_opr	BOBJ1	88	Before	Right Exterior Girder	8	0.95	1	1	10.249719
Lane_str_opr	BOBJ1	88	After	Left Exterior Girder	8	0.95	1	1	10.0145
Lane_str_opr	BOBJ1	88	After	Interior Girder 1	8	0.95	1	1	10.235442
Lane_str_opr	BOBJ1	88	After	Interior Girder 2	8	0.95	1	1	9.98309
Lane_str_opr	BOBJ1	88	After	Interior Girder 3	8	0.95	1	1	9.687543
Lane_str_opr	BOBJ1	88	After	Interior Girder 4	8	0.95	1	1	9.672263
Lane_str_opr	BOBJ1	88	After	Interior Girder 5	8	0.95	1	1	9.955405
Lane_str_opr	BOBJ1	88	After	Interior Girder 6	8	0.95	1	1	10.274778
Lane_str_opr	BOBJ1	88	After	Right Exterior Girder	8	0.95	1	1	10.067417
Lane_str_opr	BOBJ1	91	Before	Interior Girder 1	11	0.95	1	1	13.112193
Lane_str_opr	BOBJ1	91	Before	Interior Girder 2	11	0.95	1	1	12.702185
Lane_str_opr	BOBJ1	91	Before	Interior Girder 3	11	0.95	1	1	12.957102
Lane_str_opr	BOBJ1	91	Before	Interior Girder 4	11	0.95	1	1	12.942295
Lane_str_opr	BOBJ1	91	Before	Interior Girder 5	11	0.95	1	1	12.652169
Lane_str_opr	BOBJ1	91	Before	Interior Girder 6	11	0.95	1	1	13.153102
Lane_str_opr	BOBJ1	91	After	Interior Girder 1	11	0.95	1	1	5.316755
Lane_str_opr	BOBJ1	91	After	Interior Girder 2	11	0.95	1	1	5.302543
Lane_str_opr	BOBJ1	91	After	Interior Girder 3	11	0.95	1	1	5.313356
Lane_str_opr	BOBJ1	91	After	Interior Girder 4	11	0.95	1	1	5.307697
Lane_str_opr	BOBJ1	91	After	Interior Girder 5	11	0.95	1	1	5.282578
Lane_str_opr	BOBJ1	91	After	Interior Girder 6	11	0.95	1	1	5.333785
Lane_str_opr	BOBJ1	96	Before	Left Exterior Girder	16	0.95	1	1	19.876427
Lane_str_opr	BOBJ1	96	Before	Interior Girder 1	16	0.95	1	1	8.318609
Lane_str_opr	BOBJ1	96	Before	Interior Girder 2	16	0.95	1	1	8.217692
Lane_str_opr	BOBJ1	96	Before	Interior Girder 3	16	0.95	1	1	8.986523
Lane_str_opr	BOBJ1	96	Before	Interior Girder 4	16	0.95	1	1	8.978308
Lane_str_opr	BOBJ1	96	Before	Interior Girder 5	16	0.95	1	1	8.19609
Lane_str_opr	BOBJ1	96	Before	Interior Girder 6	16	0.95	1	1	8.327026
Lane_str_opr	BOBJ1	96	Before	Right Exterior Girder	16	0.95	1	1	19.94337
Lane_str_opr	BOBJ1	96	After	Left Exterior Girder	16	0.95	1	1	9.586401
Lane_str_opr	BOBJ1	96	After	Interior Girder 1	16	0.95	1	1	9.906742
Lane_str_opr	BOBJ1	96	After	Interior Girder 2	16	0.95	1	1	9.626517
Lane_str_opr	BOBJ1	96	After	Interior Girder 3	16	0.95	1	1	10.283986
Lane_str_opr	BOBJ1	96	After	Interior Girder 4	16	0.95	1	1	10.272606

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelINonCompStrgth-Flx - Approach, Span 4-E									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Lane_str_opr	BOBJ1	96	After	Interior Girder 5	16	0.95	1	1	9.595627
Lane_str_opr	BOBJ1	96	After	Interior Girder 6	16	0.95	1	1	9.9162
Lane_str_opr	BOBJ1	96	After	Right Exterior Girder	16	0.95	1	1	9.618321
Lane_str_opr	BOBJ1	104	Before	Left Exterior Girder	24	0.95	1	1	12.740415
Lane_str_opr	BOBJ1	104	Before	Interior Girder 1	24	0.95	1	1	11.365089
Lane_str_opr	BOBJ1	104	Before	Interior Girder 2	24	0.95	1	1	11.198916
Lane_str_opr	BOBJ1	104	Before	Interior Girder 3	24	0.95	1	1	11.366666
Lane_str_opr	BOBJ1	104	Before	Interior Girder 4	24	0.95	1	1	11.348188
Lane_str_opr	BOBJ1	104	Before	Interior Girder 5	24	0.95	1	1	11.11172
Lane_str_opr	BOBJ1	104	Before	Interior Girder 6	24	0.95	1	1	11.404632
Lane_str_opr	BOBJ1	104	Before	Right Exterior Girder	24	0.95	1	1	12.791307
Lane_str_opr	BOBJ1	104	After	Left Exterior Girder	24	0.95	1	1	13.151742
Lane_str_opr	BOBJ1	104	After	Interior Girder 1	24	0.95	1	1	11.035709
Lane_str_opr	BOBJ1	104	After	Interior Girder 2	24	0.95	1	1	11.181559
Lane_str_opr	BOBJ1	104	After	Interior Girder 3	24	0.95	1	1	11.475336
Lane_str_opr	BOBJ1	104	After	Interior Girder 4	24	0.95	1	1	11.45999
Lane_str_opr	BOBJ1	104	After	Interior Girder 5	24	0.95	1	1	11.098125
Lane_str_opr	BOBJ1	104	After	Interior Girder 6	24	0.95	1	1	11.074906
Lane_str_opr	BOBJ1	104	After	Right Exterior Girder	24	0.95	1	1	13.194035
Lane_str_opr	BOBJ1	112	Before	Left Exterior Girder	32	0.95	1	1	7.675028
Lane_str_opr	BOBJ1	112	Before	Interior Girder 1	32	0.95	1	1	7.743081
Lane_str_opr	BOBJ1	112	Before	Interior Girder 2	32	0.95	1	1	7.854075
Lane_str_opr	BOBJ1	112	Before	Interior Girder 3	32	0.95	1	1	7.874374
Lane_str_opr	BOBJ1	112	Before	Interior Girder 4	32	0.95	1	1	7.860715
Lane_str_opr	BOBJ1	112	Before	Interior Girder 5	32	0.95	1	1	7.856772
Lane_str_opr	BOBJ1	112	Before	Interior Girder 6	32	0.95	1	1	7.729397
Lane_str_opr	BOBJ1	112	Before	Right Exterior Girder	32	0.95	1	1	7.709474
Lane_str_opr	BOBJ1	112	After	Left Exterior Girder	32	0.95	1	1	7.80587
Lane_str_opr	BOBJ1	112	After	Interior Girder 1	32	0.95	1	1	7.642205
Lane_str_opr	BOBJ1	112	After	Interior Girder 2	32	0.95	1	1	7.835139
Lane_str_opr	BOBJ1	112	After	Interior Girder 3	32	0.95	1	1	7.893447
Lane_str_opr	BOBJ1	112	After	Interior Girder 4	32	0.95	1	1	7.880721
Lane_str_opr	BOBJ1	112	After	Interior Girder 5	32	0.95	1	1	7.837967
Lane_str_opr	BOBJ1	112	After	Interior Girder 6	32	0.95	1	1	7.62948
Lane_str_opr	BOBJ1	112	After	Right Exterior Girder	32	0.95	1	1	7.838904
Lane_str_opr	BOBJ1	120	Before	Left Exterior Girder	40	0.95	1	1	7.056674
Lane_str_opr	BOBJ1	120	Before	Interior Girder 1	40	0.95	1	1	6.669262
Lane_str_opr	BOBJ1	120	Before	Interior Girder 2	40	0.95	1	1	6.841378
Lane_str_opr	BOBJ1	120	Before	Interior Girder 3	40	0.95	1	1	6.989519
Lane_str_opr	BOBJ1	120	Before	Interior Girder 4	40	0.95	1	1	6.979532
Lane_str_opr	BOBJ1	120	Before	Interior Girder 5	40	0.95	1	1	6.808185
Lane_str_opr	BOBJ1	120	Before	Interior Girder 6	40	0.95	1	1	6.681852
Lane_str_opr	BOBJ1	120	Before	Right Exterior Girder	40	0.95	1	1	7.083132
Lane_str_opr	BOBJ1	120	After	Left Exterior Girder	40	0.95	1	1	7.065539
Lane_str_opr	BOBJ1	120	After	Interior Girder 1	40	0.95	1	1	6.661752
Lane_str_opr	BOBJ1	120	After	Interior Girder 2	40	0.95	1	1	6.83987
Lane_str_opr	BOBJ1	120	After	Interior Girder 3	40	0.95	1	1	6.990906
Lane_str_opr	BOBJ1	120	After	Interior Girder 4	40	0.95	1	1	6.980946
Lane_str_opr	BOBJ1	120	After	Interior Girder 5	40	0.95	1	1	6.806703
Lane_str_opr	BOBJ1	120	After	Interior Girder 6	40	0.95	1	1	6.674295
Lane_str_opr	BOBJ1	120	After	Right Exterior Girder	40	0.95	1	1	7.091997
Lane_str_opr	BOBJ1	128	Before	Left Exterior Girder	48	0.95	1	1	7.666516
Lane_str_opr	BOBJ1	128	Before	Interior Girder 1	48	0.95	1	1	7.57
Lane_str_opr	BOBJ1	128	Before	Interior Girder 2	48	0.95	1	1	7.765663
Lane_str_opr	BOBJ1	128	Before	Interior Girder 3	48	0.95	1	1	7.834105
Lane_str_opr	BOBJ1	128	Before	Interior Girder 4	48	0.95	1	1	7.821495
Lane_str_opr	BOBJ1	128	Before	Interior Girder 5	48	0.95	1	1	7.768389
Lane_str_opr	BOBJ1	128	Before	Interior Girder 6	48	0.95	1	1	7.557501
Lane_str_opr	BOBJ1	128	Before	Right Exterior Girder	48	0.95	1	1	7.698906
Lane_str_opr	BOBJ1	128	After	Left Exterior Girder	48	0.95	1	1	7.557169
Lane_str_opr	BOBJ1	128	After	Interior Girder 1	48	0.95	1	1	7.649965
Lane_str_opr	BOBJ1	128	After	Interior Girder 2	48	0.95	1	1	7.782467
Lane_str_opr	BOBJ1	128	After	Interior Girder 3	48	0.95	1	1	7.818378
Lane_str_opr	BOBJ1	128	After	Interior Girder 4	48	0.95	1	1	7.804823
Lane_str_opr	BOBJ1	128	After	Interior Girder 5	48	0.95	1	1	7.785078

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelINonCompStrgth-Flx - Approach, Span 4-6									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Lane_str_opr	BOBJ1	128	After	Interior Girder 6	48	0.95	1	1	7.636632
Lane_str_opr	BOBJ1	128	After	Right Exterior Girder	48	0.95	1	1	7.590944
Lane_str_opr	BOBJ1	136	Before	Left Exterior Girder	56	0.95	1	1	12.578899
Lane_str_opr	BOBJ1	136	Before	Interior Girder 1	56	0.95	1	1	10.777952
Lane_str_opr	BOBJ1	136	Before	Interior Girder 2	56	0.95	1	1	10.957502
Lane_str_opr	BOBJ1	136	Before	Interior Girder 3	56	0.95	1	1	11.254426
Lane_str_opr	BOBJ1	136	Before	Interior Girder 4	56	0.95	1	1	11.239712
Lane_str_opr	BOBJ1	136	Before	Interior Girder 5	56	0.95	1	1	10.877493
Lane_str_opr	BOBJ1	136	Before	Interior Girder 6	56	0.95	1	1	10.815382
Lane_str_opr	BOBJ1	136	Before	Right Exterior Girder	56	0.95	1	1	12.61997
Lane_str_opr	BOBJ1	136	After	Left Exterior Girder	56	0.95	1	1	12.216041
Lane_str_opr	BOBJ1	136	After	Interior Girder 1	56	0.95	1	1	11.071165
Lane_str_opr	BOBJ1	136	After	Interior Girder 2	56	0.95	1	1	10.973206
Lane_str_opr	BOBJ1	136	After	Interior Girder 3	56	0.95	1	1	11.153486
Lane_str_opr	BOBJ1	136	After	Interior Girder 4	56	0.95	1	1	11.135579
Lane_str_opr	BOBJ1	136	After	Interior Girder 5	56	0.95	1	1	10.889554
Lane_str_opr	BOBJ1	136	After	Interior Girder 6	56	0.95	1	1	11.108932
Lane_str_opr	BOBJ1	136	After	Right Exterior Girder	56	0.95	1	1	12.264963
Lane_str_opr	BOBJ1	144	Before	Left Exterior Girder	64	0.95	1	1	9.60724
Lane_str_opr	BOBJ1	144	Before	Interior Girder 1	64	0.95	1	1	9.848434
Lane_str_opr	BOBJ1	144	Before	Interior Girder 2	64	0.95	1	1	9.634627
Lane_str_opr	BOBJ1	144	Before	Interior Girder 3	64	0.95	1	1	10.353041
Lane_str_opr	BOBJ1	144	Before	Interior Girder 4	64	0.95	1	1	10.342165
Lane_str_opr	BOBJ1	144	Before	Interior Girder 5	64	0.95	1	1	9.605996
Lane_str_opr	BOBJ1	144	Before	Interior Girder 6	64	0.95	1	1	9.856162
Lane_str_opr	BOBJ1	144	Before	Right Exterior Girder	64	0.95	1	1	9.636633
Lane_str_opr	BOBJ1	144	After	Left Exterior Girder	64	0.95	1	1	18.308137
Lane_str_opr	BOBJ1	144	After	Interior Girder 1	64	0.95	1	1	8.26317
Lane_str_opr	BOBJ1	144	After	Interior Girder 2	64	0.95	1	1	8.22624
Lane_str_opr	BOBJ1	144	After	Interior Girder 3	64	0.95	1	1	9.050411
Lane_str_opr	BOBJ1	144	After	Interior Girder 4	64	0.95	1	1	9.04215
Lane_str_opr	BOBJ1	144	After	Interior Girder 5	64	0.95	1	1	8.205473
Lane_str_opr	BOBJ1	144	After	Interior Girder 6	64	0.95	1	1	8.270259
Lane_str_opr	BOBJ1	144	After	Right Exterior Girder	64	0.95	1	1	18.365393
Lane_str_opr	BOBJ1	150	Before	Interior Girder 1	70	0.95	1	1	4.802095
Lane_str_opr	BOBJ1	150	Before	Interior Girder 2	70	0.95	1	1	4.818307
Lane_str_opr	BOBJ1	150	Before	Interior Girder 3	70	0.95	1	1	4.819328
Lane_str_opr	BOBJ1	150	Before	Interior Girder 4	70	0.95	1	1	4.814696
Lane_str_opr	BOBJ1	150	Before	Interior Girder 5	70	0.95	1	1	4.807049
Lane_str_opr	BOBJ1	150	Before	Interior Girder 6	70	0.95	1	1	4.817317
Lane_str_opr	BOBJ1	150	After	Interior Girder 1	70	0.95	1	1	11.504034
Lane_str_opr	BOBJ1	150	After	Interior Girder 2	70	0.95	1	1	11.081826
Lane_str_opr	BOBJ1	150	After	Interior Girder 3	70	0.95	1	1	11.283901
Lane_str_opr	BOBJ1	150	After	Interior Girder 4	70	0.95	1	1	11.270797
Lane_str_opr	BOBJ1	150	After	Interior Girder 5	70	0.95	1	1	11.051402
Lane_str_opr	BOBJ1	150	After	Interior Girder 6	70	0.95	1	1	11.539723
Lane_str_opr	BOBJ1	152	Before	Left Exterior Girder	72	0.95	1	1	9.313341
Lane_str_opr	BOBJ1	152	Before	Interior Girder 1	72	0.95	1	1	9.627849
Lane_str_opr	BOBJ1	152	Before	Interior Girder 2	72	0.95	1	1	9.40153
Lane_str_opr	BOBJ1	152	Before	Interior Girder 3	72	0.95	1	1	9.288224
Lane_str_opr	BOBJ1	152	Before	Interior Girder 4	72	0.95	1	1	9.278617
Lane_str_opr	BOBJ1	152	Before	Interior Girder 5	72	0.95	1	1	9.381245
Lane_str_opr	BOBJ1	152	Before	Interior Girder 6	72	0.95	1	1	9.661997
Lane_str_opr	BOBJ1	152	Before	Right Exterior Girder	72	0.95	1	1	9.362262
Lane_str_opr	BOBJ1	152	After	Left Exterior Girder	72	0.95	1	1	9.573273
Lane_str_opr	BOBJ1	152	After	Interior Girder 1	72	0.95	1	1	9.448237
Lane_str_opr	BOBJ1	152	After	Interior Girder 2	72	0.95	1	1	9.350785
Lane_str_opr	BOBJ1	152	After	Interior Girder 3	72	0.95	1	1	9.34443
Lane_str_opr	BOBJ1	152	After	Interior Girder 4	72	0.95	1	1	9.337951
Lane_str_opr	BOBJ1	152	After	Interior Girder 5	72	0.95	1	1	9.331533
Lane_str_opr	BOBJ1	152	After	Interior Girder 6	72	0.95	1	1	9.48679
Lane_str_opr	BOBJ1	152	After	Right Exterior Girder	72	0.95	1	1	9.622007
Lane_str_opr	BOBJ1	154	Before	Left Exterior Girder	74	0.95	1	1	7.500268
Lane_str_opr	BOBJ1	154	Before	Right Exterior Girder	74	0.95	1	1	7.537291
Lane_str_opr	BOBJ1	154	After	Left Exterior Girder	74	0.95	1	1	12.033101

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelINonCompStrgth-Flx - Approach, Span 4-E									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Lane_str_opr	BOBJ1	154	After	Right Exterior Girder	74	0.95	1	1	12.092265
Lane_str_opr	BOBJ1	160	Before	Left Exterior Girder	80	0.95	1	1	6.688173
Lane_str_opr	BOBJ1	160	Before	Interior Girder 1	80	0.95	1	1	4.294035
Lane_str_opr	BOBJ1	160	Before	Interior Girder 2	80	0.95	1	1	4.441459
Lane_str_opr	BOBJ1	160	Before	Interior Girder 3	80	0.95	1	1	3.813638
Lane_str_opr	BOBJ1	160	Before	Interior Girder 4	80	0.95	1	1	3.806776
Lane_str_opr	BOBJ1	160	Before	Interior Girder 5	80	0.95	1	1	4.414923
Lane_str_opr	BOBJ1	160	Before	Interior Girder 6	80	0.95	1	1	4.317691
Lane_str_opr	BOBJ1	160	Before	Right Exterior Girder	80	0.95	1	1	6.721338
Lane_str_opr	BOBJ1	160	After	Left Exterior Girder	0	0.95	1	1	6.579799
Lane_str_opr	BOBJ1	160	After	Interior Girder 1	0	0.95	1	1	4.248549
Lane_str_opr	BOBJ1	160	After	Interior Girder 2	0	0.95	1	1	4.454897
Lane_str_opr	BOBJ1	160	After	Interior Girder 3	0	0.95	1	1	3.775997
Lane_str_opr	BOBJ1	160	After	Interior Girder 4	0	0.95	1	1	3.769171
Lane_str_opr	BOBJ1	160	After	Interior Girder 5	0	0.95	1	1	4.428355
Lane_str_opr	BOBJ1	160	After	Interior Girder 6	0	0.95	1	1	4.272601
Lane_str_opr	BOBJ1	160	After	Right Exterior Girder	0	0.95	1	1	6.612417
Lane_str_opr	BOBJ1	166	Before	Left Exterior Girder	6	0.95	1	1	12.920147
Lane_str_opr	BOBJ1	166	Before	Right Exterior Girder	6	0.95	1	1	12.98529
Lane_str_opr	BOBJ1	166	After	Left Exterior Girder	6	0.95	1	1	8.147928
Lane_str_opr	BOBJ1	166	After	Right Exterior Girder	6	0.95	1	1	8.189227
Lane_str_opr	BOBJ1	168	Before	Left Exterior Girder	8	0.95	1	1	10.775659
Lane_str_opr	BOBJ1	168	Before	Interior Girder 1	8	0.95	1	1	10.524687
Lane_str_opr	BOBJ1	168	Before	Interior Girder 2	8	0.95	1	1	10.52691
Lane_str_opr	BOBJ1	168	Before	Interior Girder 3	8	0.95	1	1	10.401468
Lane_str_opr	BOBJ1	168	Before	Interior Girder 4	8	0.95	1	1	10.387441
Lane_str_opr	BOBJ1	168	Before	Interior Girder 5	8	0.95	1	1	10.482523
Lane_str_opr	BOBJ1	168	Before	Interior Girder 6	8	0.95	1	1	10.557606
Lane_str_opr	BOBJ1	168	Before	Right Exterior Girder	8	0.95	1	1	10.833882
Lane_str_opr	BOBJ1	168	After	Left Exterior Girder	8	0.95	1	1	10.401949
Lane_str_opr	BOBJ1	168	After	Interior Girder 1	8	0.95	1	1	10.846532
Lane_str_opr	BOBJ1	168	After	Interior Girder 2	8	0.95	1	1	10.57356
Lane_str_opr	BOBJ1	168	After	Interior Girder 3	8	0.95	1	1	10.319933
Lane_str_opr	BOBJ1	168	After	Interior Girder 4	8	0.95	1	1	10.303185
Lane_str_opr	BOBJ1	168	After	Interior Girder 5	8	0.95	1	1	10.535806
Lane_str_opr	BOBJ1	168	After	Interior Girder 6	8	0.95	1	1	10.876916
Lane_str_opr	BOBJ1	168	After	Right Exterior Girder	8	0.95	1	1	10.460714
Lane_str_opr	BOBJ1	170	Before	Interior Girder 1	10	0.95	1	1	13.373985
Lane_str_opr	BOBJ1	170	Before	Interior Girder 2	10	0.95	1	1	12.810313
Lane_str_opr	BOBJ1	170	Before	Interior Girder 3	10	0.95	1	1	12.985669
Lane_str_opr	BOBJ1	170	Before	Interior Girder 4	10	0.95	1	1	12.963007
Lane_str_opr	BOBJ1	170	Before	Interior Girder 5	10	0.95	1	1	12.7545
Lane_str_opr	BOBJ1	170	Before	Interior Girder 6	10	0.95	1	1	13.415949
Lane_str_opr	BOBJ1	170	After	Interior Girder 1	10	0.95	1	1	6.151725
Lane_str_opr	BOBJ1	170	After	Interior Girder 2	10	0.95	1	1	6.140516
Lane_str_opr	BOBJ1	170	After	Interior Girder 3	10	0.95	1	1	6.066773
Lane_str_opr	BOBJ1	170	After	Interior Girder 4	10	0.95	1	1	6.05127
Lane_str_opr	BOBJ1	170	After	Interior Girder 5	10	0.95	1	1	6.109604
Lane_str_opr	BOBJ1	170	After	Interior Girder 6	10	0.95	1	1	6.171781
Lane_str_opr	BOBJ1	176	Before	Left Exterior Girder	16	0.95	1	1	20.086595
Lane_str_opr	BOBJ1	176	Before	Interior Girder 1	16	0.95	1	1	11.095111
Lane_str_opr	BOBJ1	176	Before	Interior Girder 2	16	0.95	1	1	10.893481
Lane_str_opr	BOBJ1	176	Before	Interior Girder 3	16	0.95	1	1	11.813408
Lane_str_opr	BOBJ1	176	Before	Interior Girder 4	16	0.95	1	1	11.799533
Lane_str_opr	BOBJ1	176	Before	Interior Girder 5	16	0.95	1	1	10.861276
Lane_str_opr	BOBJ1	176	Before	Interior Girder 6	16	0.95	1	1	11.103819
Lane_str_opr	BOBJ1	176	Before	Right Exterior Girder	16	0.95	1	1	20.162889
Lane_str_opr	BOBJ1	176	After	Left Exterior Girder	16	0.95	1	1	20.800539
Lane_str_opr	BOBJ1	176	After	Interior Girder 1	16	0.95	1	1	11.299116
Lane_str_opr	BOBJ1	176	After	Interior Girder 2	16	0.95	1	1	11.011967
Lane_str_opr	BOBJ1	176	After	Interior Girder 3	16	0.95	1	1	11.752687
Lane_str_opr	BOBJ1	176	After	Interior Girder 4	16	0.95	1	1	11.737423
Lane_str_opr	BOBJ1	176	After	Interior Girder 5	16	0.95	1	1	10.973706
Lane_str_opr	BOBJ1	176	After	Interior Girder 6	16	0.95	1	1	11.308037
Lane_str_opr	BOBJ1	176	After	Right Exterior Girder	16	0.95	1	1	20.87785

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelINonCompStrgth-Flx - Approach, Span 4-E									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Lane_str_opr	BOBJ1	181	Before	Interior Girder 1	21	0.95	1	1	7.277595
Lane_str_opr	BOBJ1	181	Before	Interior Girder 2	21	0.95	1	1	7.359728
Lane_str_opr	BOBJ1	181	Before	Interior Girder 3	21	0.95	1	1	7.439462
Lane_str_opr	BOBJ1	181	Before	Interior Girder 4	21	0.95	1	1	7.430241
Lane_str_opr	BOBJ1	181	Before	Interior Girder 5	21	0.95	1	1	7.318871
Lane_str_opr	BOBJ1	181	Before	Interior Girder 6	21	0.95	1	1	7.296901
Lane_str_opr	BOBJ1	181	After	Interior Girder 1	21	0.95	1	1	12.859267
Lane_str_opr	BOBJ1	181	After	Interior Girder 2	21	0.95	1	1	12.934624
Lane_str_opr	BOBJ1	181	After	Interior Girder 3	21	0.95	1	1	13.358087
Lane_str_opr	BOBJ1	181	After	Interior Girder 4	21	0.95	1	1	13.340562
Lane_str_opr	BOBJ1	181	After	Interior Girder 5	21	0.95	1	1	12.864546
Lane_str_opr	BOBJ1	181	After	Interior Girder 6	21	0.95	1	1	12.8944
Lane_str_opr	BOBJ1	184	Before	Left Exterior Girder	24	0.95	1	1	11.345985
Lane_str_opr	BOBJ1	184	Before	Interior Girder 1	24	0.95	1	1	10.340514
Lane_str_opr	BOBJ1	184	Before	Interior Girder 2	24	0.95	1	1	10.513256
Lane_str_opr	BOBJ1	184	Before	Interior Girder 3	24	0.95	1	1	10.811812
Lane_str_opr	BOBJ1	184	Before	Interior Girder 4	24	0.95	1	1	10.797656
Lane_str_opr	BOBJ1	184	Before	Interior Girder 5	24	0.95	1	1	10.457287
Lane_str_opr	BOBJ1	184	Before	Interior Girder 6	24	0.95	1	1	10.366951
Lane_str_opr	BOBJ1	184	Before	Right Exterior Girder	24	0.95	1	1	11.382787
Lane_str_opr	BOBJ1	184	After	Left Exterior Girder	24	0.95	1	1	11.549694
Lane_str_opr	BOBJ1	184	After	Interior Girder 1	24	0.95	1	1	10.170524
Lane_str_opr	BOBJ1	184	After	Interior Girder 2	24	0.95	1	1	10.519256
Lane_str_opr	BOBJ1	184	After	Interior Girder 3	24	0.95	1	1	10.850354
Lane_str_opr	BOBJ1	184	After	Interior Girder 4	24	0.95	1	1	10.839739
Lane_str_opr	BOBJ1	184	After	Interior Girder 5	24	0.95	1	1	10.466563
Lane_str_opr	BOBJ1	184	After	Interior Girder 6	24	0.95	1	1	10.196362
Lane_str_opr	BOBJ1	184	After	Right Exterior Girder	24	0.95	1	1	11.582183
Lane_str_opr	BOBJ1	192	Before	Left Exterior Girder	32	0.95	1	1	7.415169
Lane_str_opr	BOBJ1	192	Before	Interior Girder 1	32	0.95	1	1	6.986959
Lane_str_opr	BOBJ1	192	Before	Interior Girder 2	32	0.95	1	1	7.327275
Lane_str_opr	BOBJ1	192	Before	Interior Girder 3	32	0.95	1	1	7.431571
Lane_str_opr	BOBJ1	192	Before	Interior Girder 4	32	0.95	1	1	7.421627
Lane_str_opr	BOBJ1	192	Before	Interior Girder 5	32	0.95	1	1	7.327917
Lane_str_opr	BOBJ1	192	Before	Interior Girder 6	32	0.95	1	1	6.979587
Lane_str_opr	BOBJ1	192	Before	Right Exterior Girder	32	0.95	1	1	7.442321
Lane_str_opr	BOBJ1	192	After	Left Exterior Girder	32	0.95	1	1	7.553104
Lane_str_opr	BOBJ1	192	After	Interior Girder 1	32	0.95	1	1	6.892798
Lane_str_opr	BOBJ1	192	After	Interior Girder 2	32	0.95	1	1	7.302894
Lane_str_opr	BOBJ1	192	After	Interior Girder 3	32	0.95	1	1	7.43124
Lane_str_opr	BOBJ1	192	After	Interior Girder 4	32	0.95	1	1	7.422033
Lane_str_opr	BOBJ1	192	After	Interior Girder 5	32	0.95	1	1	7.303441
Lane_str_opr	BOBJ1	192	After	Interior Girder 6	32	0.95	1	1	6.886281
Lane_str_opr	BOBJ1	192	After	Right Exterior Girder	32	0.95	1	1	7.578994
Lane_str_opr	BOBJ1	200	Before	Left Exterior Girder	40	0.95	1	1	6.318506
Lane_str_opr	BOBJ1	200	Before	Interior Girder 1	40	0.95	1	1	5.575984
Lane_str_opr	BOBJ1	200	Before	Interior Girder 2	40	0.95	1	1	5.921554
Lane_str_opr	BOBJ1	200	Before	Interior Girder 3	40	0.95	1	1	6.125064
Lane_str_opr	BOBJ1	200	Before	Interior Girder 4	40	0.95	1	1	6.118869
Lane_str_opr	BOBJ1	200	Before	Interior Girder 5	40	0.95	1	1	5.900286
Lane_str_opr	BOBJ1	200	Before	Interior Girder 6	40	0.95	1	1	5.584271
Lane_str_opr	BOBJ1	200	Before	Right Exterior Girder	40	0.95	1	1	6.337982
Lane_str_opr	BOBJ1	200	After	Left Exterior Girder	40	0.95	1	1	6.365208
Lane_str_opr	BOBJ1	200	After	Interior Girder 1	40	0.95	1	1	5.544887
Lane_str_opr	BOBJ1	200	After	Interior Girder 2	40	0.95	1	1	5.911524
Lane_str_opr	BOBJ1	200	After	Interior Girder 3	40	0.95	1	1	6.12031
Lane_str_opr	BOBJ1	200	After	Interior Girder 4	40	0.95	1	1	6.114121
Lane_str_opr	BOBJ1	200	After	Interior Girder 5	40	0.95	1	1	5.890113
Lane_str_opr	BOBJ1	200	After	Interior Girder 6	40	0.95	1	1	5.553266
Lane_str_opr	BOBJ1	200	After	Right Exterior Girder	40	0.95	1	1	6.384494
Lane_str_opr	BOBJ1	208	Before	Left Exterior Girder	48	0.95	1	1	6.041829
Lane_str_opr	BOBJ1	208	Before	Interior Girder 1	48	0.95	1	1	5.400583
Lane_str_opr	BOBJ1	208	Before	Interior Girder 2	48	0.95	1	1	5.789952
Lane_str_opr	BOBJ1	208	Before	Interior Girder 3	48	0.95	1	1	5.989765
Lane_str_opr	BOBJ1	208	Before	Interior Girder 4	48	0.95	1	1	5.982624

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelINonCompStrgth-Flx - Approach, Span 4-E									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Lane_str_opr	BOBJ1	208	Before	Interior Girder 5	48	0.95	1	1	5.789398
Lane_str_opr	BOBJ1	208	Before	Interior Girder 6	48	0.95	1	1	5.396315
Lane_str_opr	BOBJ1	208	Before	Right Exterior Girder	48	0.95	1	1	6.061702
Lane_str_opr	BOBJ1	208	After	Left Exterior Girder	48	0.95	1	1	6.005208
Lane_str_opr	BOBJ1	208	After	Interior Girder 1	48	0.95	1	1	5.417154
Lane_str_opr	BOBJ1	208	After	Interior Girder 2	48	0.95	1	1	5.794741
Lane_str_opr	BOBJ1	208	After	Interior Girder 3	48	0.95	1	1	5.983965
Lane_str_opr	BOBJ1	208	After	Interior Girder 4	48	0.95	1	1	5.97637
Lane_str_opr	BOBJ1	208	After	Interior Girder 5	48	0.95	1	1	5.793818
Lane_str_opr	BOBJ1	208	After	Interior Girder 6	48	0.95	1	1	5.412575
Lane_str_opr	BOBJ1	208	After	Right Exterior Girder	48	0.95	1	1	6.02583
Lane_str_opr	BOBJ1	216	Before	Left Exterior Girder	56	0.95	1	1	7.322014
Lane_str_opr	BOBJ1	216	Before	Interior Girder 1	56	0.95	1	1	6.186707
Lane_str_opr	BOBJ1	216	Before	Interior Girder 2	56	0.95	1	1	6.595282
Lane_str_opr	BOBJ1	216	Before	Interior Girder 3	56	0.95	1	1	6.88604
Lane_str_opr	BOBJ1	216	Before	Interior Girder 4	56	0.95	1	1	6.879546
Lane_str_opr	BOBJ1	216	Before	Interior Girder 5	56	0.95	1	1	6.565826
Lane_str_opr	BOBJ1	216	Before	Interior Girder 6	56	0.95	1	1	6.199611
Lane_str_opr	BOBJ1	216	Before	Right Exterior Girder	56	0.95	1	1	7.343138
Lane_str_opr	BOBJ1	216	After	Left Exterior Girder	56	0.95	1	1	7.185825
Lane_str_opr	BOBJ1	216	After	Interior Girder 1	56	0.95	1	1	6.268675
Lane_str_opr	BOBJ1	216	After	Interior Girder 2	56	0.95	1	1	6.612126
Lane_str_opr	BOBJ1	216	After	Interior Girder 3	56	0.95	1	1	6.863247
Lane_str_opr	BOBJ1	216	After	Interior Girder 4	56	0.95	1	1	6.855565
Lane_str_opr	BOBJ1	216	After	Interior Girder 5	56	0.95	1	1	6.580719
Lane_str_opr	BOBJ1	216	After	Interior Girder 6	56	0.95	1	1	6.281732
Lane_str_opr	BOBJ1	216	After	Right Exterior Girder	56	0.95	1	1	7.209209
Lane_str_opr	BOBJ1	224	Before	Left Exterior Girder	64	0.95	1	1	10.389162
Lane_str_opr	BOBJ1	224	Before	Interior Girder 1	64	0.95	1	1	9.015725
Lane_str_opr	BOBJ1	224	Before	Interior Girder 2	64	0.95	1	1	9.498136
Lane_str_opr	BOBJ1	224	Before	Interior Girder 3	64	0.95	1	1	9.789116
Lane_str_opr	BOBJ1	224	Before	Interior Girder 4	64	0.95	1	1	9.776926
Lane_str_opr	BOBJ1	224	Before	Interior Girder 5	64	0.95	1	1	9.486544
Lane_str_opr	BOBJ1	224	Before	Interior Girder 6	64	0.95	1	1	9.013651
Lane_str_opr	BOBJ1	224	Before	Right Exterior Girder	64	0.95	1	1	10.424522
Lane_str_opr	BOBJ1	224	After	Left Exterior Girder	64	0.95	1	1	10.089563
Lane_str_opr	BOBJ1	224	After	Interior Girder 1	64	0.95	1	1	9.250964
Lane_str_opr	BOBJ1	224	After	Interior Girder 2	64	0.95	1	1	9.535203
Lane_str_opr	BOBJ1	224	After	Interior Girder 3	64	0.95	1	1	9.712881
Lane_str_opr	BOBJ1	224	After	Interior Girder 4	64	0.95	1	1	9.698977
Lane_str_opr	BOBJ1	224	After	Interior Girder 5	64	0.95	1	1	9.514953
Lane_str_opr	BOBJ1	224	After	Interior Girder 6	64	0.95	1	1	9.251639
Lane_str_opr	BOBJ1	224	After	Right Exterior Girder	64	0.95	1	1	10.128376
Lane_str_opr	BOBJ1	232	Before	Left Exterior Girder	72	0.95	1	1	22.952763
Lane_str_opr	BOBJ1	232	Before	Interior Girder 1	72	0.95	1	1	18.36973
Lane_str_opr	BOBJ1	232	Before	Interior Girder 2	72	0.95	1	1	19.094054
Lane_str_opr	BOBJ1	232	Before	Interior Girder 3	72	0.95	1	1	20.385905
Lane_str_opr	BOBJ1	232	Before	Interior Girder 4	72	0.95	1	1	20.367906
Lane_str_opr	BOBJ1	232	Before	Interior Girder 5	72	0.95	1	1	18.979863
Lane_str_opr	BOBJ1	232	Before	Interior Girder 6	72	0.95	1	1	18.432091
Lane_str_opr	BOBJ1	232	Before	Right Exterior Girder	72	0.95	1	1	23.017899
Lane_str_opr	BOBJ1	232	After	Left Exterior Girder	72	0.95	1	1	22.443265
Lane_str_opr	BOBJ1	232	After	Interior Girder 1	72	0.95	1	1	18.986903
Lane_str_opr	BOBJ1	232	After	Interior Girder 2	72	0.95	1	1	19.072994
Lane_str_opr	BOBJ1	232	After	Interior Girder 3	72	0.95	1	1	19.970165
Lane_str_opr	BOBJ1	232	After	Interior Girder 4	72	0.95	1	1	19.954538
Lane_str_opr	BOBJ1	232	After	Interior Girder 5	72	0.95	1	1	18.903691
Lane_str_opr	BOBJ1	232	After	Interior Girder 6	72	0.95	1	1	19.080463
Lane_str_opr	BOBJ1	232	After	Right Exterior Girder	72	0.95	1	1	22.509374
Lane_str_opr	BOBJ1	240	Before	Left Exterior Girder	80	0.95	1	1	217.569479
Lane_str_opr	BOBJ1	240	Before	Interior Girder 1	80	0.95	1	1	149.448462
Lane_str_opr	BOBJ1	240	Before	Interior Girder 2	80	0.95	1	1	147.777365
Lane_str_opr	BOBJ1	240	Before	Interior Girder 3	80	0.95	1	1	99.853901
Lane_str_opr	BOBJ1	240	Before	Interior Girder 4	80	0.95	1	1	99.767306
Lane_str_opr	BOBJ1	240	Before	Interior Girder 5	80	0.95	1	1	136.408156

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelINonCompStrgth-Flx - Approach, Span 4-E									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Lane_str_opr	BOBJ1	240	Before	Interior Girder 6	80	0.95	1	1	149.448462
Lane_str_opr	BOBJ1	240	Before	Right Exterior Girder	80	0.95	1	1	218.061799
Lane_str_inv	BOBJ1	0	After	Left Exterior Girder	0	0.95	1	1	1295.482317
Lane_str_inv	BOBJ1	0	After	Interior Girder 1	0	0.95	1	1	1026.861894
Lane_str_inv	BOBJ1	0	After	Interior Girder 2	0	0.95	1	1	1354.194332
Lane_str_inv	BOBJ1	0	After	Interior Girder 3	0	0.95	1	1	863.391488
Lane_str_inv	BOBJ1	0	After	Interior Girder 4	0	0.95	1	1	857.183336
Lane_str_inv	BOBJ1	0	After	Interior Girder 5	0	0.95	1	1	1305.890012
Lane_str_inv	BOBJ1	0	After	Interior Girder 6	0	0.95	1	1	1020.419387
Lane_str_inv	BOBJ1	0	After	Right Exterior Girder	0	0.95	1	1	1295.482313
Lane_str_inv	BOBJ1	8	Before	Left Exterior Girder	8	0.95	1	1	17.184322
Lane_str_inv	BOBJ1	8	Before	Interior Girder 1	8	0.95	1	1	15.2658
Lane_str_inv	BOBJ1	8	Before	Interior Girder 2	8	0.95	1	1	15.51361
Lane_str_inv	BOBJ1	8	Before	Interior Girder 3	8	0.95	1	1	15.410511
Lane_str_inv	BOBJ1	8	Before	Interior Girder 4	8	0.95	1	1	15.390855
Lane_str_inv	BOBJ1	8	Before	Interior Girder 5	8	0.95	1	1	15.309432
Lane_str_inv	BOBJ1	8	Before	Interior Girder 6	8	0.95	1	1	15.396229
Lane_str_inv	BOBJ1	8	Before	Right Exterior Girder	8	0.95	1	1	17.248044
Lane_str_inv	BOBJ1	8	After	Left Exterior Girder	8	0.95	1	1	17.55926
Lane_str_inv	BOBJ1	8	After	Interior Girder 1	8	0.95	1	1	14.881314
Lane_str_inv	BOBJ1	8	After	Interior Girder 2	8	0.95	1	1	15.62499
Lane_str_inv	BOBJ1	8	After	Interior Girder 3	8	0.95	1	1	16.14739
Lane_str_inv	BOBJ1	8	After	Interior Girder 4	8	0.95	1	1	16.131164
Lane_str_inv	BOBJ1	8	After	Interior Girder 5	8	0.95	1	1	15.43741
Lane_str_inv	BOBJ1	8	After	Interior Girder 6	8	0.95	1	1	14.995448
Lane_str_inv	BOBJ1	8	After	Right Exterior Girder	8	0.95	1	1	17.613366
Lane_str_inv	BOBJ1	16	Before	Left Exterior Girder	16	0.95	1	1	7.694573
Lane_str_inv	BOBJ1	16	Before	Interior Girder 1	16	0.95	1	1	7.940281
Lane_str_inv	BOBJ1	16	Before	Interior Girder 2	16	0.95	1	1	8.036241
Lane_str_inv	BOBJ1	16	Before	Interior Girder 3	16	0.95	1	1	8.097459
Lane_str_inv	BOBJ1	16	Before	Interior Girder 4	16	0.95	1	1	8.082881
Lane_str_inv	BOBJ1	16	Before	Interior Girder 5	16	0.95	1	1	8.015257
Lane_str_inv	BOBJ1	16	Before	Interior Girder 6	16	0.95	1	1	7.941631
Lane_str_inv	BOBJ1	16	Before	Right Exterior Girder	16	0.95	1	1	7.728801
Lane_str_inv	BOBJ1	16	After	Left Exterior Girder	16	0.95	1	1	7.883608
Lane_str_inv	BOBJ1	16	After	Interior Girder 1	16	0.95	1	1	7.74565
Lane_str_inv	BOBJ1	16	After	Interior Girder 2	16	0.95	1	1	8.027884
Lane_str_inv	BOBJ1	16	After	Interior Girder 3	16	0.95	1	1	8.155563
Lane_str_inv	BOBJ1	16	After	Interior Girder 4	16	0.95	1	1	8.142825
Lane_str_inv	BOBJ1	16	After	Interior Girder 5	16	0.95	1	1	8.009694
Lane_str_inv	BOBJ1	16	After	Interior Girder 6	16	0.95	1	1	7.746932
Lane_str_inv	BOBJ1	16	After	Right Exterior Girder	16	0.95	1	1	7.915498
Lane_str_inv	BOBJ1	20.5	Before	Left Exterior Girder	20.5	0.95	1	1	6.196578
Lane_str_inv	BOBJ1	20.5	Before	Right Exterior Girder	20.5	0.95	1	1	6.219908
Lane_str_inv	BOBJ1	20.5	After	Left Exterior Girder	20.5	0.95	1	1	9.206181
Lane_str_inv	BOBJ1	20.5	After	Right Exterior Girder	20.5	0.95	1	1	9.239553
Lane_str_inv	BOBJ1	24	Before	Left Exterior Girder	24	0.95	1	1	8.064169
Lane_str_inv	BOBJ1	24	Before	Interior Girder 1	24	0.95	1	1	5.47899
Lane_str_inv	BOBJ1	24	Before	Interior Girder 2	24	0.95	1	1	5.667143
Lane_str_inv	BOBJ1	24	Before	Interior Girder 3	24	0.95	1	1	5.823703
Lane_str_inv	BOBJ1	24	Before	Interior Girder 4	24	0.95	1	1	5.816356
Lane_str_inv	BOBJ1	24	Before	Interior Girder 5	24	0.95	1	1	5.639639
Lane_str_inv	BOBJ1	24	Before	Interior Girder 6	24	0.95	1	1	5.49045
Lane_str_inv	BOBJ1	24	Before	Right Exterior Girder	24	0.95	1	1	8.092727
Lane_str_inv	BOBJ1	24	After	Left Exterior Girder	24	0.95	1	1	8.078342
Lane_str_inv	BOBJ1	24	After	Interior Girder 1	24	0.95	1	1	5.470783
Lane_str_inv	BOBJ1	24	After	Interior Girder 2	24	0.95	1	1	5.663275
Lane_str_inv	BOBJ1	24	After	Interior Girder 3	24	0.95	1	1	5.835672
Lane_str_inv	BOBJ1	24	After	Interior Girder 4	24	0.95	1	1	5.829247
Lane_str_inv	BOBJ1	24	After	Interior Girder 5	24	0.95	1	1	5.635802
Lane_str_inv	BOBJ1	24	After	Interior Girder 6	24	0.95	1	1	5.482951
Lane_str_inv	BOBJ1	24	After	Right Exterior Girder	24	0.95	1	1	8.104569
Lane_str_inv	BOBJ1	32	Before	Left Exterior Girder	32	0.95	1	1	6.637349
Lane_str_inv	BOBJ1	32	Before	Interior Girder 1	32	0.95	1	1	4.904971
Lane_str_inv	BOBJ1	32	Before	Interior Girder 2	32	0.95	1	1	5.004446

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelINonCompStrgth-Flx - Approach, Span 4-E									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Lane_str_inv	BOBJ1	32	Before	Interior Girder 3	32	0.95	1	1	5.111879
Lane_str_inv	BOBJ1	32	Before	Interior Girder 4	32	0.95	1	1	5.105229
Lane_str_inv	BOBJ1	32	Before	Interior Girder 5	32	0.95	1	1	5.003863
Lane_str_inv	BOBJ1	32	Before	Interior Girder 6	32	0.95	1	1	4.899942
Lane_str_inv	BOBJ1	32	Before	Right Exterior Girder	32	0.95	1	1	6.661311
Lane_str_inv	BOBJ1	32	After	Left Exterior Girder	32	0.95	1	1	6.67671
Lane_str_inv	BOBJ1	32	After	Interior Girder 1	32	0.95	1	1	4.89297
Lane_str_inv	BOBJ1	32	After	Interior Girder 2	32	0.95	1	1	4.9961
Lane_str_inv	BOBJ1	32	After	Interior Girder 3	32	0.95	1	1	5.107409
Lane_str_inv	BOBJ1	32	After	Interior Girder 4	32	0.95	1	1	5.101
Lane_str_inv	BOBJ1	32	After	Interior Girder 5	32	0.95	1	1	4.995134
Lane_str_inv	BOBJ1	32	After	Interior Girder 6	32	0.95	1	1	4.888599
Lane_str_inv	BOBJ1	32	After	Right Exterior Girder	32	0.95	1	1	6.700101
Lane_str_inv	BOBJ1	40	Before	Left Exterior Girder	40	0.95	1	1	6.99571
Lane_str_inv	BOBJ1	40	Before	Interior Girder 1	40	0.95	1	1	4.920518
Lane_str_inv	BOBJ1	40	Before	Interior Girder 2	40	0.95	1	1	5.093619
Lane_str_inv	BOBJ1	40	Before	Interior Girder 3	40	0.95	1	1	5.224828
Lane_str_inv	BOBJ1	40	Before	Interior Girder 4	40	0.95	1	1	5.219591
Lane_str_inv	BOBJ1	40	Before	Interior Girder 5	40	0.95	1	1	5.075323
Lane_str_inv	BOBJ1	40	Before	Interior Girder 6	40	0.95	1	1	4.927603
Lane_str_inv	BOBJ1	40	Before	Right Exterior Girder	40	0.95	1	1	7.017728
Lane_str_inv	BOBJ1	40	After	Left Exterior Girder	40	0.95	1	1	7.003279
Lane_str_inv	BOBJ1	40	After	Interior Girder 1	40	0.95	1	1	4.92962
Lane_str_inv	BOBJ1	40	After	Interior Girder 2	40	0.95	1	1	5.088718
Lane_str_inv	BOBJ1	40	After	Interior Girder 3	40	0.95	1	1	5.215844
Lane_str_inv	BOBJ1	40	After	Interior Girder 4	40	0.95	1	1	5.210445
Lane_str_inv	BOBJ1	40	After	Interior Girder 5	40	0.95	1	1	5.070223
Lane_str_inv	BOBJ1	40	After	Interior Girder 6	40	0.95	1	1	4.936702
Lane_str_inv	BOBJ1	40	After	Right Exterior Girder	40	0.95	1	1	7.025993
Lane_str_inv	BOBJ1	46.5	Before	Left Exterior Girder	46.5	0.95	1	1	7.844711
Lane_str_inv	BOBJ1	46.5	Before	Right Exterior Girder	46.5	0.95	1	1	7.871294
Lane_str_inv	BOBJ1	46.5	After	Left Exterior Girder	46.5	0.95	1	1	5.407595
Lane_str_inv	BOBJ1	46.5	After	Right Exterior Girder	46.5	0.95	1	1	5.426158
Lane_str_inv	BOBJ1	48	Before	Left Exterior Girder	48	0.95	1	1	5.707412
Lane_str_inv	BOBJ1	48	Before	Interior Girder 1	48	0.95	1	1	5.965319
Lane_str_inv	BOBJ1	48	Before	Interior Girder 2	48	0.95	1	1	6.233211
Lane_str_inv	BOBJ1	48	Before	Interior Girder 3	48	0.95	1	1	6.288707
Lane_str_inv	BOBJ1	48	Before	Interior Girder 4	48	0.95	1	1	6.280978
Lane_str_inv	BOBJ1	48	Before	Interior Girder 5	48	0.95	1	1	6.233584
Lane_str_inv	BOBJ1	48	Before	Interior Girder 6	48	0.95	1	1	5.959264
Lane_str_inv	BOBJ1	48	Before	Right Exterior Girder	48	0.95	1	1	5.727438
Lane_str_inv	BOBJ1	48	After	Left Exterior Girder	48	0.95	1	1	5.630672
Lane_str_inv	BOBJ1	48	After	Interior Girder 1	48	0.95	1	1	6.036918
Lane_str_inv	BOBJ1	48	After	Interior Girder 2	48	0.95	1	1	6.234925
Lane_str_inv	BOBJ1	48	After	Interior Girder 3	48	0.95	1	1	6.269661
Lane_str_inv	BOBJ1	48	After	Interior Girder 4	48	0.95	1	1	6.261191
Lane_str_inv	BOBJ1	48	After	Interior Girder 5	48	0.95	1	1	6.235071
Lane_str_inv	BOBJ1	48	After	Interior Girder 6	48	0.95	1	1	6.030222
Lane_str_inv	BOBJ1	48	After	Right Exterior Girder	48	0.95	1	1	5.651841
Lane_str_inv	BOBJ1	56	Before	Left Exterior Girder	56	0.95	1	1	8.706473
Lane_str_inv	BOBJ1	56	Before	Interior Girder 1	56	0.95	1	1	8.475732
Lane_str_inv	BOBJ1	56	Before	Interior Girder 2	56	0.95	1	1	8.810288
Lane_str_inv	BOBJ1	56	Before	Interior Girder 3	56	0.95	1	1	9.036938
Lane_str_inv	BOBJ1	56	Before	Interior Girder 4	56	0.95	1	1	9.028269
Lane_str_inv	BOBJ1	56	Before	Interior Girder 5	56	0.95	1	1	8.766604
Lane_str_inv	BOBJ1	56	Before	Interior Girder 6	56	0.95	1	1	8.49691
Lane_str_inv	BOBJ1	56	Before	Right Exterior Girder	56	0.95	1	1	8.731286
Lane_str_inv	BOBJ1	56	After	Left Exterior Girder	56	0.95	1	1	8.562726
Lane_str_inv	BOBJ1	56	After	Interior Girder 1	56	0.95	1	1	8.630164
Lane_str_inv	BOBJ1	56	After	Interior Girder 2	56	0.95	1	1	8.779993
Lane_str_inv	BOBJ1	56	After	Interior Girder 3	56	0.95	1	1	8.983673
Lane_str_inv	BOBJ1	56	After	Interior Girder 4	56	0.95	1	1	8.971987
Lane_str_inv	BOBJ1	56	After	Interior Girder 5	56	0.95	1	1	8.733493
Lane_str_inv	BOBJ1	56	After	Interior Girder 6	56	0.95	1	1	8.651808
Lane_str_inv	BOBJ1	56	After	Right Exterior Girder	56	0.95	1	1	8.59097

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelINonCompStrgth-Flx - Approach, Span 4-E									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Lane_str_inv	BOBJ1	59	Before	Interior Girder 1	59	0.95	1	1	10.553818
Lane_str_inv	BOBJ1	59	Before	Interior Girder 2	59	0.95	1	1	10.717394
Lane_str_inv	BOBJ1	59	Before	Interior Girder 3	59	0.95	1	1	11.027857
Lane_str_inv	BOBJ1	59	Before	Interior Girder 4	59	0.95	1	1	11.013537
Lane_str_inv	BOBJ1	59	Before	Interior Girder 5	59	0.95	1	1	10.659903
Lane_str_inv	BOBJ1	59	Before	Interior Girder 6	59	0.95	1	1	10.582199
Lane_str_inv	BOBJ1	59	After	Interior Girder 1	59	0.95	1	1	5.429482
Lane_str_inv	BOBJ1	59	After	Interior Girder 2	59	0.95	1	1	5.539764
Lane_str_inv	BOBJ1	59	After	Interior Girder 3	59	0.95	1	1	5.569648
Lane_str_inv	BOBJ1	59	After	Interior Girder 4	59	0.95	1	1	5.562753
Lane_str_inv	BOBJ1	59	After	Interior Girder 5	59	0.95	1	1	5.509099
Lane_str_inv	BOBJ1	59	After	Interior Girder 6	59	0.95	1	1	5.443714
Lane_str_inv	BOBJ1	64	Before	Left Exterior Girder	64	0.95	1	1	16.107706
Lane_str_inv	BOBJ1	64	Before	Interior Girder 1	64	0.95	1	1	8.467761
Lane_str_inv	BOBJ1	64	Before	Interior Girder 2	64	0.95	1	1	8.201293
Lane_str_inv	BOBJ1	64	Before	Interior Girder 3	64	0.95	1	1	8.746539
Lane_str_inv	BOBJ1	64	Before	Interior Girder 4	64	0.95	1	1	8.735305
Lane_str_inv	BOBJ1	64	Before	Interior Girder 5	64	0.95	1	1	8.173456
Lane_str_inv	BOBJ1	64	Before	Interior Girder 6	64	0.95	1	1	8.474576
Lane_str_inv	BOBJ1	64	Before	Right Exterior Girder	64	0.95	1	1	16.161097
Lane_str_inv	BOBJ1	64	After	Left Exterior Girder	64	0.95	1	1	15.567395
Lane_str_inv	BOBJ1	64	After	Interior Girder 1	64	0.95	1	1	8.351169
Lane_str_inv	BOBJ1	64	After	Interior Girder 2	64	0.95	1	1	8.123895
Lane_str_inv	BOBJ1	64	After	Interior Girder 3	64	0.95	1	1	8.788623
Lane_str_inv	BOBJ1	64	After	Interior Girder 4	64	0.95	1	1	8.778475
Lane_str_inv	BOBJ1	64	After	Interior Girder 5	64	0.95	1	1	8.099808
Lane_str_inv	BOBJ1	64	After	Interior Girder 6	64	0.95	1	1	8.357074
Lane_str_inv	BOBJ1	64	After	Right Exterior Girder	64	0.95	1	1	15.626617
Lane_str_inv	BOBJ1	69	Before	Interior Girder 1	69	0.95	1	1	5.350872
Lane_str_inv	BOBJ1	69	Before	Interior Girder 2	69	0.95	1	1	5.205705
Lane_str_inv	BOBJ1	69	Before	Interior Girder 3	69	0.95	1	1	5.236618
Lane_str_inv	BOBJ1	69	Before	Interior Girder 4	69	0.95	1	1	5.229034
Lane_str_inv	BOBJ1	69	Before	Interior Girder 5	69	0.95	1	1	5.185784
Lane_str_inv	BOBJ1	69	Before	Interior Girder 6	69	0.95	1	1	5.364882
Lane_str_inv	BOBJ1	69	After	Interior Girder 1	69	0.95	1	1	11.825594
Lane_str_inv	BOBJ1	69	After	Interior Girder 2	69	0.95	1	1	11.201354
Lane_str_inv	BOBJ1	69	After	Interior Girder 3	69	0.95	1	1	11.466385
Lane_str_inv	BOBJ1	69	After	Interior Girder 4	69	0.95	1	1	11.454352
Lane_str_inv	BOBJ1	69	After	Interior Girder 5	69	0.95	1	1	11.16991
Lane_str_inv	BOBJ1	69	After	Interior Girder 6	69	0.95	1	1	11.849682
Lane_str_inv	BOBJ1	72	Before	Left Exterior Girder	72	0.95	1	1	8.686695
Lane_str_inv	BOBJ1	72	Before	Interior Girder 1	72	0.95	1	1	8.886826
Lane_str_inv	BOBJ1	72	Before	Interior Girder 2	72	0.95	1	1	8.560758
Lane_str_inv	BOBJ1	72	Before	Interior Girder 3	72	0.95	1	1	8.299944
Lane_str_inv	BOBJ1	72	Before	Interior Girder 4	72	0.95	1	1	8.28519
Lane_str_inv	BOBJ1	72	Before	Interior Girder 5	72	0.95	1	1	8.527884
Lane_str_inv	BOBJ1	72	Before	Interior Girder 6	72	0.95	1	1	8.913049
Lane_str_inv	BOBJ1	72	Before	Right Exterior Girder	72	0.95	1	1	8.739384
Lane_str_inv	BOBJ1	72	After	Left Exterior Girder	72	0.95	1	1	8.953248
Lane_str_inv	BOBJ1	72	After	Interior Girder 1	72	0.95	1	1	8.648115
Lane_str_inv	BOBJ1	72	After	Interior Girder 2	72	0.95	1	1	8.518614
Lane_str_inv	BOBJ1	72	After	Interior Girder 3	72	0.95	1	1	8.385373
Lane_str_inv	BOBJ1	72	After	Interior Girder 4	72	0.95	1	1	8.3733
Lane_str_inv	BOBJ1	72	After	Interior Girder 5	72	0.95	1	1	8.480958
Lane_str_inv	BOBJ1	72	After	Interior Girder 6	72	0.95	1	1	8.675395
Lane_str_inv	BOBJ1	72	After	Right Exterior Girder	72	0.95	1	1	9.006174
Lane_str_inv	BOBJ1	72.5	Before	Left Exterior Girder	72.5	0.95	1	1	8.275815
Lane_str_inv	BOBJ1	72.5	Before	Right Exterior Girder	72.5	0.95	1	1	8.321755
Lane_str_inv	BOBJ1	72.5	After	Left Exterior Girder	72.5	0.95	1	1	12.83289
Lane_str_inv	BOBJ1	72.5	After	Right Exterior Girder	72.5	0.95	1	1	12.904133
Lane_str_inv	BOBJ1	80	Before	Left Exterior Girder	80	0.95	1	1	5.715851
Lane_str_inv	BOBJ1	80	Before	Interior Girder 1	80	0.95	1	1	3.611644
Lane_str_inv	BOBJ1	80	Before	Interior Girder 2	80	0.95	1	1	3.709831
Lane_str_inv	BOBJ1	80	Before	Interior Girder 3	80	0.95	1	1	3.140907
Lane_str_inv	BOBJ1	80	Before	Interior Girder 4	80	0.95	1	1	3.134827

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelINonCompStrgth-Flx - Approach, Span 4-E									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Lane_str_inv	BOBJ1	80	Before	Interior Girder 5	80	0.95	1	1	3.687294
Lane_str_inv	BOBJ1	80	Before	Interior Girder 6	80	0.95	1	1	3.632224
Lane_str_inv	BOBJ1	80	Before	Right Exterior Girder	80	0.95	1	1	5.745281
Lane_str_inv	BOBJ1	80	After	Left Exterior Girder	0	0.95	1	1	5.701955
Lane_str_inv	BOBJ1	80	After	Interior Girder 1	0	0.95	1	1	3.62032
Lane_str_inv	BOBJ1	80	After	Interior Girder 2	0	0.95	1	1	3.705851
Lane_str_inv	BOBJ1	80	After	Interior Girder 3	0	0.95	1	1	3.134585
Lane_str_inv	BOBJ1	80	After	Interior Girder 4	0	0.95	1	1	3.12873
Lane_str_inv	BOBJ1	80	After	Interior Girder 5	0	0.95	1	1	3.683806
Lane_str_inv	BOBJ1	80	After	Interior Girder 6	0	0.95	1	1	3.641068
Lane_str_inv	BOBJ1	80	After	Right Exterior Girder	0	0.95	1	1	5.73111
Lane_str_inv	BOBJ1	87.5	Before	Left Exterior Girder	7.5	0.95	1	1	11.644369
Lane_str_inv	BOBJ1	87.5	Before	Right Exterior Girder	7.5	0.95	1	1	11.702206
Lane_str_inv	BOBJ1	87.5	After	Left Exterior Girder	7.5	0.95	1	1	7.347837
Lane_str_inv	BOBJ1	87.5	After	Right Exterior Girder	7.5	0.95	1	1	7.384594
Lane_str_inv	BOBJ1	88	Before	Left Exterior Girder	8	0.95	1	1	7.867064
Lane_str_inv	BOBJ1	88	Before	Interior Girder 1	8	0.95	1	1	7.767664
Lane_str_inv	BOBJ1	88	Before	Interior Girder 2	8	0.95	1	1	7.657571
Lane_str_inv	BOBJ1	88	Before	Interior Girder 3	8	0.95	1	1	7.524484
Lane_str_inv	BOBJ1	88	Before	Interior Girder 4	8	0.95	1	1	7.518668
Lane_str_inv	BOBJ1	88	Before	Interior Girder 5	8	0.95	1	1	7.639557
Lane_str_inv	BOBJ1	88	Before	Interior Girder 6	8	0.95	1	1	7.802612
Lane_str_inv	BOBJ1	88	Before	Right Exterior Girder	8	0.95	1	1	7.906926
Lane_str_inv	BOBJ1	88	After	Left Exterior Girder	8	0.95	1	1	7.725472
Lane_str_inv	BOBJ1	88	After	Interior Girder 1	8	0.95	1	1	7.895912
Lane_str_inv	BOBJ1	88	After	Interior Girder 2	8	0.95	1	1	7.701241
Lane_str_inv	BOBJ1	88	After	Interior Girder 3	8	0.95	1	1	7.473247
Lane_str_inv	BOBJ1	88	After	Interior Girder 4	8	0.95	1	1	7.46146
Lane_str_inv	BOBJ1	88	After	Interior Girder 5	8	0.95	1	1	7.679884
Lane_str_inv	BOBJ1	88	After	Interior Girder 6	8	0.95	1	1	7.926257
Lane_str_inv	BOBJ1	88	After	Right Exterior Girder	8	0.95	1	1	7.766293
Lane_str_inv	BOBJ1	91	Before	Interior Girder 1	11	0.95	1	1	10.11512
Lane_str_inv	BOBJ1	91	Before	Interior Girder 2	11	0.95	1	1	9.798828
Lane_str_inv	BOBJ1	91	Before	Interior Girder 3	11	0.95	1	1	9.995479
Lane_str_inv	BOBJ1	91	Before	Interior Girder 4	11	0.95	1	1	9.984056
Lane_str_inv	BOBJ1	91	Before	Interior Girder 5	11	0.95	1	1	9.760245
Lane_str_inv	BOBJ1	91	Before	Interior Girder 6	11	0.95	1	1	10.146679
Lane_str_inv	BOBJ1	91	After	Interior Girder 1	11	0.95	1	1	4.101497
Lane_str_inv	BOBJ1	91	After	Interior Girder 2	11	0.95	1	1	4.090533
Lane_str_inv	BOBJ1	91	After	Interior Girder 3	11	0.95	1	1	4.098874
Lane_str_inv	BOBJ1	91	After	Interior Girder 4	11	0.95	1	1	4.094509
Lane_str_inv	BOBJ1	91	After	Interior Girder 5	11	0.95	1	1	4.075132
Lane_str_inv	BOBJ1	91	After	Interior Girder 6	11	0.95	1	1	4.114634
Lane_str_inv	BOBJ1	96	Before	Left Exterior Girder	16	0.95	1	1	15.333243
Lane_str_inv	BOBJ1	96	Before	Interior Girder 1	16	0.95	1	1	6.417213
Lane_str_inv	BOBJ1	96	Before	Interior Girder 2	16	0.95	1	1	6.339363
Lane_str_inv	BOBJ1	96	Before	Interior Girder 3	16	0.95	1	1	6.932461
Lane_str_inv	BOBJ1	96	Before	Interior Girder 4	16	0.95	1	1	6.926124
Lane_str_inv	BOBJ1	96	Before	Interior Girder 5	16	0.95	1	1	6.322698
Lane_str_inv	BOBJ1	96	Before	Interior Girder 6	16	0.95	1	1	6.423706
Lane_str_inv	BOBJ1	96	Before	Right Exterior Girder	16	0.95	1	1	15.384885
Lane_str_inv	BOBJ1	96	After	Left Exterior Girder	16	0.95	1	1	7.395224
Lane_str_inv	BOBJ1	96	After	Interior Girder 1	16	0.95	1	1	7.642344
Lane_str_inv	BOBJ1	96	After	Interior Girder 2	16	0.95	1	1	7.42617
Lane_str_inv	BOBJ1	96	After	Interior Girder 3	16	0.95	1	1	7.93336
Lane_str_inv	BOBJ1	96	After	Interior Girder 4	16	0.95	1	1	7.924582
Lane_str_inv	BOBJ1	96	After	Interior Girder 5	16	0.95	1	1	7.402341
Lane_str_inv	BOBJ1	96	After	Interior Girder 6	16	0.95	1	1	7.64964
Lane_str_inv	BOBJ1	96	After	Right Exterior Girder	16	0.95	1	1	7.419847
Lane_str_inv	BOBJ1	104	Before	Left Exterior Girder	24	0.95	1	1	9.82832
Lane_str_inv	BOBJ1	104	Before	Interior Girder 1	24	0.95	1	1	8.767354
Lane_str_inv	BOBJ1	104	Before	Interior Girder 2	24	0.95	1	1	8.639164
Lane_str_inv	BOBJ1	104	Before	Interior Girder 3	24	0.95	1	1	8.768571
Lane_str_inv	BOBJ1	104	Before	Interior Girder 4	24	0.95	1	1	8.754316
Lane_str_inv	BOBJ1	104	Before	Interior Girder 5	24	0.95	1	1	8.571898

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelINonCompStrgth-Flx - Approach, Span 4-E									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Lane_str_inv	BOBJ1	104	Before	Interior Girder 6	24	0.95	1	1	8.797859
Lane_str_inv	BOBJ1	104	Before	Right Exterior Girder	24	0.95	1	1	9.86758
Lane_str_inv	BOBJ1	104	After	Left Exterior Girder	24	0.95	1	1	10.145629
Lane_str_inv	BOBJ1	104	After	Interior Girder 1	24	0.95	1	1	8.513261
Lane_str_inv	BOBJ1	104	After	Interior Girder 2	24	0.95	1	1	8.625774
Lane_str_inv	BOBJ1	104	After	Interior Girder 3	24	0.95	1	1	8.852402
Lane_str_inv	BOBJ1	104	After	Interior Girder 4	24	0.95	1	1	8.840564
Lane_str_inv	BOBJ1	104	After	Interior Girder 5	24	0.95	1	1	8.56141
Lane_str_inv	BOBJ1	104	After	Interior Girder 6	24	0.95	1	1	8.543499
Lane_str_inv	BOBJ1	104	After	Right Exterior Girder	24	0.95	1	1	10.178255
Lane_str_inv	BOBJ1	112	Before	Left Exterior Girder	32	0.95	1	1	5.920736
Lane_str_inv	BOBJ1	112	Before	Interior Girder 1	32	0.95	1	1	5.973234
Lane_str_inv	BOBJ1	112	Before	Interior Girder 2	32	0.95	1	1	6.058858
Lane_str_inv	BOBJ1	112	Before	Interior Girder 3	32	0.95	1	1	6.074517
Lane_str_inv	BOBJ1	112	Before	Interior Girder 4	32	0.95	1	1	6.06398
Lane_str_inv	BOBJ1	112	Before	Interior Girder 5	32	0.95	1	1	6.060938
Lane_str_inv	BOBJ1	112	Before	Interior Girder 6	32	0.95	1	1	5.962678
Lane_str_inv	BOBJ1	112	Before	Right Exterior Girder	32	0.95	1	1	5.947309
Lane_str_inv	BOBJ1	112	After	Left Exterior Girder	32	0.95	1	1	6.021671
Lane_str_inv	BOBJ1	112	After	Interior Girder 1	32	0.95	1	1	5.895415
Lane_str_inv	BOBJ1	112	After	Interior Girder 2	32	0.95	1	1	6.04425
Lane_str_inv	BOBJ1	112	After	Interior Girder 3	32	0.95	1	1	6.089231
Lane_str_inv	BOBJ1	112	After	Interior Girder 4	32	0.95	1	1	6.079414
Lane_str_inv	BOBJ1	112	After	Interior Girder 5	32	0.95	1	1	6.046432
Lane_str_inv	BOBJ1	112	After	Interior Girder 6	32	0.95	1	1	5.885599
Lane_str_inv	BOBJ1	112	After	Right Exterior Girder	32	0.95	1	1	6.047155
Lane_str_inv	BOBJ1	120	Before	Left Exterior Girder	40	0.95	1	1	5.44372
Lane_str_inv	BOBJ1	120	Before	Interior Girder 1	40	0.95	1	1	5.144859
Lane_str_inv	BOBJ1	120	Before	Interior Girder 2	40	0.95	1	1	5.277634
Lane_str_inv	BOBJ1	120	Before	Interior Girder 3	40	0.95	1	1	5.391915
Lane_str_inv	BOBJ1	120	Before	Interior Girder 4	40	0.95	1	1	5.38421
Lane_str_inv	BOBJ1	120	Before	Interior Girder 5	40	0.95	1	1	5.252028
Lane_str_inv	BOBJ1	120	Before	Interior Girder 6	40	0.95	1	1	5.154572
Lane_str_inv	BOBJ1	120	Before	Right Exterior Girder	40	0.95	1	1	5.46413
Lane_str_inv	BOBJ1	120	After	Left Exterior Girder	40	0.95	1	1	5.450559
Lane_str_inv	BOBJ1	120	After	Interior Girder 1	40	0.95	1	1	5.139066
Lane_str_inv	BOBJ1	120	After	Interior Girder 2	40	0.95	1	1	5.276471
Lane_str_inv	BOBJ1	120	After	Interior Girder 3	40	0.95	1	1	5.392984
Lane_str_inv	BOBJ1	120	After	Interior Girder 4	40	0.95	1	1	5.385301
Lane_str_inv	BOBJ1	120	After	Interior Girder 5	40	0.95	1	1	5.250885
Lane_str_inv	BOBJ1	120	After	Interior Girder 6	40	0.95	1	1	5.148742
Lane_str_inv	BOBJ1	120	After	Right Exterior Girder	40	0.95	1	1	5.470969
Lane_str_inv	BOBJ1	128	Before	Left Exterior Girder	48	0.95	1	1	5.914169
Lane_str_inv	BOBJ1	128	Before	Interior Girder 1	48	0.95	1	1	5.839715
Lane_str_inv	BOBJ1	128	Before	Interior Girder 2	48	0.95	1	1	5.990654
Lane_str_inv	BOBJ1	128	Before	Interior Girder 3	48	0.95	1	1	6.043453
Lane_str_inv	BOBJ1	128	Before	Interior Girder 4	48	0.95	1	1	6.033725
Lane_str_inv	BOBJ1	128	Before	Interior Girder 5	48	0.95	1	1	5.992757
Lane_str_inv	BOBJ1	128	Before	Interior Girder 6	48	0.95	1	1	5.830072
Lane_str_inv	BOBJ1	128	Before	Right Exterior Girder	48	0.95	1	1	5.939156
Lane_str_inv	BOBJ1	128	After	Left Exterior Girder	48	0.95	1	1	5.829816
Lane_str_inv	BOBJ1	128	After	Interior Girder 1	48	0.95	1	1	5.901402
Lane_str_inv	BOBJ1	128	After	Interior Girder 2	48	0.95	1	1	6.003618
Lane_str_inv	BOBJ1	128	After	Interior Girder 3	48	0.95	1	1	6.03132
Lane_str_inv	BOBJ1	128	After	Interior Girder 4	48	0.95	1	1	6.020863
Lane_str_inv	BOBJ1	128	After	Interior Girder 5	48	0.95	1	1	6.005632
Lane_str_inv	BOBJ1	128	After	Interior Girder 6	48	0.95	1	1	5.891116
Lane_str_inv	BOBJ1	128	After	Right Exterior Girder	48	0.95	1	1	5.855871
Lane_str_inv	BOBJ1	136	Before	Left Exterior Girder	56	0.95	1	1	9.703722
Lane_str_inv	BOBJ1	136	Before	Interior Girder 1	56	0.95	1	1	8.31442
Lane_str_inv	BOBJ1	136	Before	Interior Girder 2	56	0.95	1	1	8.45293
Lane_str_inv	BOBJ1	136	Before	Interior Girder 3	56	0.95	1	1	8.681986
Lane_str_inv	BOBJ1	136	Before	Interior Girder 4	56	0.95	1	1	8.670635
Lane_str_inv	BOBJ1	136	Before	Interior Girder 5	56	0.95	1	1	8.391209
Lane_str_inv	BOBJ1	136	Before	Interior Girder 6	56	0.95	1	1	8.343295

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelINonCompStrgth-Flx - Approach, Span 4-E									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Lane_str_inv	BOBJ1	136	Before	Right Exterior Girder	56	0.95	1	1	9.735405
Lane_str_inv	BOBJ1	136	After	Left Exterior Girder	56	0.95	1	1	9.423803
Lane_str_inv	BOBJ1	136	After	Interior Girder 1	56	0.95	1	1	8.540613
Lane_str_inv	BOBJ1	136	After	Interior Girder 2	56	0.95	1	1	8.465044
Lane_str_inv	BOBJ1	136	After	Interior Girder 3	56	0.95	1	1	8.604118
Lane_str_inv	BOBJ1	136	After	Interior Girder 4	56	0.95	1	1	8.590304
Lane_str_inv	BOBJ1	136	After	Interior Girder 5	56	0.95	1	1	8.400513
Lane_str_inv	BOBJ1	136	After	Interior Girder 6	56	0.95	1	1	8.569748
Lane_str_inv	BOBJ1	136	After	Right Exterior Girder	56	0.95	1	1	9.461543
Lane_str_inv	BOBJ1	144	Before	Left Exterior Girder	64	0.95	1	1	7.411299
Lane_str_inv	BOBJ1	144	Before	Interior Girder 1	64	0.95	1	1	7.597363
Lane_str_inv	BOBJ1	144	Before	Interior Girder 2	64	0.95	1	1	7.432427
Lane_str_inv	BOBJ1	144	Before	Interior Girder 3	64	0.95	1	1	7.986632
Lane_str_inv	BOBJ1	144	Before	Interior Girder 4	64	0.95	1	1	7.978242
Lane_str_inv	BOBJ1	144	Before	Interior Girder 5	64	0.95	1	1	7.41034
Lane_str_inv	BOBJ1	144	Before	Interior Girder 6	64	0.95	1	1	7.603325
Lane_str_inv	BOBJ1	144	Before	Right Exterior Girder	64	0.95	1	1	7.433974
Lane_str_inv	BOBJ1	144	After	Left Exterior Girder	64	0.95	1	1	14.12342
Lane_str_inv	BOBJ1	144	After	Interior Girder 1	64	0.95	1	1	6.374445
Lane_str_inv	BOBJ1	144	After	Interior Girder 2	64	0.95	1	1	6.345957
Lane_str_inv	BOBJ1	144	After	Interior Girder 3	64	0.95	1	1	6.981746
Lane_str_inv	BOBJ1	144	After	Interior Girder 4	64	0.95	1	1	6.975373
Lane_str_inv	BOBJ1	144	After	Interior Girder 5	64	0.95	1	1	6.329937
Lane_str_inv	BOBJ1	144	After	Interior Girder 6	64	0.95	1	1	6.379914
Lane_str_inv	BOBJ1	144	After	Right Exterior Girder	64	0.95	1	1	14.167589
Lane_str_inv	BOBJ1	150	Before	Interior Girder 1	70	0.95	1	1	3.704473
Lane_str_inv	BOBJ1	150	Before	Interior Girder 2	70	0.95	1	1	3.71698
Lane_str_inv	BOBJ1	150	Before	Interior Girder 3	70	0.95	1	1	3.717767
Lane_str_inv	BOBJ1	150	Before	Interior Girder 4	70	0.95	1	1	3.714194
Lane_str_inv	BOBJ1	150	Before	Interior Girder 5	70	0.95	1	1	3.708295
Lane_str_inv	BOBJ1	150	Before	Interior Girder 6	70	0.95	1	1	3.716216
Lane_str_inv	BOBJ1	150	After	Interior Girder 1	70	0.95	1	1	8.874541
Lane_str_inv	BOBJ1	150	After	Interior Girder 2	70	0.95	1	1	8.548837
Lane_str_inv	BOBJ1	150	After	Interior Girder 3	70	0.95	1	1	8.704723
Lane_str_inv	BOBJ1	150	After	Interior Girder 4	70	0.95	1	1	8.694615
Lane_str_inv	BOBJ1	150	After	Interior Girder 5	70	0.95	1	1	8.525367
Lane_str_inv	BOBJ1	150	After	Interior Girder 6	70	0.95	1	1	8.902072
Lane_str_inv	BOBJ1	152	Before	Left Exterior Girder	72	0.95	1	1	7.184578
Lane_str_inv	BOBJ1	152	Before	Interior Girder 1	72	0.95	1	1	7.427198
Lane_str_inv	BOBJ1	152	Before	Interior Girder 2	72	0.95	1	1	7.252609
Lane_str_inv	BOBJ1	152	Before	Interior Girder 3	72	0.95	1	1	7.165202
Lane_str_inv	BOBJ1	152	Before	Interior Girder 4	72	0.95	1	1	7.15779
Lane_str_inv	BOBJ1	152	Before	Interior Girder 5	72	0.95	1	1	7.23696
Lane_str_inv	BOBJ1	152	Before	Interior Girder 6	72	0.95	1	1	7.45354
Lane_str_inv	BOBJ1	152	Before	Right Exterior Girder	72	0.95	1	1	7.222316
Lane_str_inv	BOBJ1	152	After	Left Exterior Girder	72	0.95	1	1	7.385096
Lane_str_inv	BOBJ1	152	After	Interior Girder 1	72	0.95	1	1	7.28864
Lane_str_inv	BOBJ1	152	After	Interior Girder 2	72	0.95	1	1	7.213462
Lane_str_inv	BOBJ1	152	After	Interior Girder 3	72	0.95	1	1	7.20856
Lane_str_inv	BOBJ1	152	After	Interior Girder 4	72	0.95	1	1	7.203563
Lane_str_inv	BOBJ1	152	After	Interior Girder 5	72	0.95	1	1	7.198611
Lane_str_inv	BOBJ1	152	After	Interior Girder 6	72	0.95	1	1	7.318381
Lane_str_inv	BOBJ1	152	After	Right Exterior Girder	72	0.95	1	1	7.422691
Lane_str_inv	BOBJ1	154	Before	Left Exterior Girder	74	0.95	1	1	5.785921
Lane_str_inv	BOBJ1	154	Before	Right Exterior Girder	74	0.95	1	1	5.814482
Lane_str_inv	BOBJ1	154	After	Left Exterior Girder	74	0.95	1	1	9.282678
Lane_str_inv	BOBJ1	154	After	Right Exterior Girder	74	0.95	1	1	9.328319
Lane_str_inv	BOBJ1	160	Before	Left Exterior Girder	80	0.95	1	1	5.159447
Lane_str_inv	BOBJ1	160	Before	Interior Girder 1	80	0.95	1	1	3.312541
Lane_str_inv	BOBJ1	160	Before	Interior Girder 2	80	0.95	1	1	3.426268
Lane_str_inv	BOBJ1	160	Before	Interior Girder 3	80	0.95	1	1	2.941949
Lane_str_inv	BOBJ1	160	Before	Interior Girder 4	80	0.95	1	1	2.936656
Lane_str_inv	BOBJ1	160	Before	Interior Girder 5	80	0.95	1	1	3.405797
Lane_str_inv	BOBJ1	160	Before	Interior Girder 6	80	0.95	1	1	3.33079
Lane_str_inv	BOBJ1	160	Before	Right Exterior Girder	80	0.95	1	1	5.185032

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelINonCompStrgth-Flx - Approach, Span 4-E									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Lane_str_inv	BOBJ1	160	After	Left Exterior Girder	0	0.95	1	1	5.075845
Lane_str_inv	BOBJ1	160	After	Interior Girder 1	0	0.95	1	1	3.277452
Lane_str_inv	BOBJ1	160	After	Interior Girder 2	0	0.95	1	1	3.436635
Lane_str_inv	BOBJ1	160	After	Interior Girder 3	0	0.95	1	1	2.912912
Lane_str_inv	BOBJ1	160	After	Interior Girder 4	0	0.95	1	1	2.907647
Lane_str_inv	BOBJ1	160	After	Interior Girder 5	0	0.95	1	1	3.41616
Lane_str_inv	BOBJ1	160	After	Interior Girder 6	0	0.95	1	1	3.296007
Lane_str_inv	BOBJ1	160	After	Right Exterior Girder	0	0.95	1	1	5.101008
Lane_str_inv	BOBJ1	166	Before	Left Exterior Girder	6	0.95	1	1	9.966971
Lane_str_inv	BOBJ1	166	Before	Right Exterior Girder	6	0.95	1	1	10.017224
Lane_str_inv	BOBJ1	166	After	Left Exterior Girder	6	0.95	1	1	6.285544
Lane_str_inv	BOBJ1	166	After	Right Exterior Girder	6	0.95	1	1	6.317404
Lane_str_inv	BOBJ1	168	Before	Left Exterior Girder	8	0.95	1	1	8.312652
Lane_str_inv	BOBJ1	168	Before	Interior Girder 1	8	0.95	1	1	8.119045
Lane_str_inv	BOBJ1	168	Before	Interior Girder 2	8	0.95	1	1	8.120759
Lane_str_inv	BOBJ1	168	Before	Interior Girder 3	8	0.95	1	1	8.023989
Lane_str_inv	BOBJ1	168	Before	Interior Girder 4	8	0.95	1	1	8.013169
Lane_str_inv	BOBJ1	168	Before	Interior Girder 5	8	0.95	1	1	8.086518
Lane_str_inv	BOBJ1	168	Before	Interior Girder 6	8	0.95	1	1	8.144439
Lane_str_inv	BOBJ1	168	Before	Right Exterior Girder	8	0.95	1	1	8.357566
Lane_str_inv	BOBJ1	168	After	Left Exterior Girder	8	0.95	1	1	8.024361
Lane_str_inv	BOBJ1	168	After	Interior Girder 1	8	0.95	1	1	8.367324
Lane_str_inv	BOBJ1	168	After	Interior Girder 2	8	0.95	1	1	8.156746
Lane_str_inv	BOBJ1	168	After	Interior Girder 3	8	0.95	1	1	7.961091
Lane_str_inv	BOBJ1	168	After	Interior Girder 4	8	0.95	1	1	7.948171
Lane_str_inv	BOBJ1	168	After	Interior Girder 5	8	0.95	1	1	8.127622
Lane_str_inv	BOBJ1	168	After	Interior Girder 6	8	0.95	1	1	8.390763
Lane_str_inv	BOBJ1	168	After	Right Exterior Girder	8	0.95	1	1	8.069694
Lane_str_inv	BOBJ1	170	Before	Interior Girder 1	10	0.95	1	1	10.317074
Lane_str_inv	BOBJ1	170	Before	Interior Girder 2	10	0.95	1	1	9.882242
Lane_str_inv	BOBJ1	170	Before	Interior Girder 3	10	0.95	1	1	10.017516
Lane_str_inv	BOBJ1	170	Before	Interior Girder 4	10	0.95	1	1	10.000034
Lane_str_inv	BOBJ1	170	Before	Interior Girder 5	10	0.95	1	1	9.839186
Lane_str_inv	BOBJ1	170	Before	Interior Girder 6	10	0.95	1	1	10.349446
Lane_str_inv	BOBJ1	170	After	Interior Girder 1	10	0.95	1	1	4.745617
Lane_str_inv	BOBJ1	170	After	Interior Girder 2	10	0.95	1	1	4.736969
Lane_str_inv	BOBJ1	170	After	Interior Girder 3	10	0.95	1	1	4.680082
Lane_str_inv	BOBJ1	170	After	Interior Girder 4	10	0.95	1	1	4.668122
Lane_str_inv	BOBJ1	170	After	Interior Girder 5	10	0.95	1	1	4.713123
Lane_str_inv	BOBJ1	170	After	Interior Girder 6	10	0.95	1	1	4.761088
Lane_str_inv	BOBJ1	176	Before	Left Exterior Girder	16	0.95	1	1	15.495373
Lane_str_inv	BOBJ1	176	Before	Interior Girder 1	16	0.95	1	1	8.559086
Lane_str_inv	BOBJ1	176	Before	Interior Girder 2	16	0.95	1	1	8.403542
Lane_str_inv	BOBJ1	176	Before	Interior Girder 3	16	0.95	1	1	9.113201
Lane_str_inv	BOBJ1	176	Before	Interior Girder 4	16	0.95	1	1	9.102497
Lane_str_inv	BOBJ1	176	Before	Interior Girder 5	16	0.95	1	1	8.378699
Lane_str_inv	BOBJ1	176	Before	Interior Girder 6	16	0.95	1	1	8.565803
Lane_str_inv	BOBJ1	176	Before	Right Exterior Girder	16	0.95	1	1	15.554228
Lane_str_inv	BOBJ1	176	After	Left Exterior Girder	16	0.95	1	1	16.04613
Lane_str_inv	BOBJ1	176	After	Interior Girder 1	16	0.95	1	1	8.716461
Lane_str_inv	BOBJ1	176	After	Interior Girder 2	16	0.95	1	1	8.494946
Lane_str_inv	BOBJ1	176	After	Interior Girder 3	16	0.95	1	1	9.066359
Lane_str_inv	BOBJ1	176	After	Interior Girder 4	16	0.95	1	1	9.054583
Lane_str_inv	BOBJ1	176	After	Interior Girder 5	16	0.95	1	1	8.465431
Lane_str_inv	BOBJ1	176	After	Interior Girder 6	16	0.95	1	1	8.723343
Lane_str_inv	BOBJ1	176	After	Right Exterior Girder	16	0.95	1	1	16.10577
Lane_str_inv	BOBJ1	181	Before	Interior Girder 1	21	0.95	1	1	5.614145
Lane_str_inv	BOBJ1	181	Before	Interior Girder 2	21	0.95	1	1	5.677504
Lane_str_inv	BOBJ1	181	Before	Interior Girder 3	21	0.95	1	1	5.739014
Lane_str_inv	BOBJ1	181	Before	Interior Girder 4	21	0.95	1	1	5.7319
Lane_str_inv	BOBJ1	181	Before	Interior Girder 5	21	0.95	1	1	5.645986
Lane_str_inv	BOBJ1	181	Before	Interior Girder 6	21	0.95	1	1	5.629038
Lane_str_inv	BOBJ1	181	After	Interior Girder 1	21	0.95	1	1	9.920006
Lane_str_inv	BOBJ1	181	After	Interior Girder 2	21	0.95	1	1	9.978138
Lane_str_inv	BOBJ1	181	After	Interior Girder 3	21	0.95	1	1	10.30481

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelINonCompStrgth-Flx - Approach, Span 4-E									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Lane_str_inv	BOBJ1	181	After	Interior Girder 4	21	0.95	1	1	10.291291
Lane_str_inv	BOBJ1	181	After	Interior Girder 5	21	0.95	1	1	9.924078
Lane_str_inv	BOBJ1	181	After	Interior Girder 6	21	0.95	1	1	9.947109
Lane_str_inv	BOBJ1	184	Before	Left Exterior Girder	24	0.95	1	1	8.752617
Lane_str_inv	BOBJ1	184	Before	Interior Girder 1	24	0.95	1	1	7.976968
Lane_str_inv	BOBJ1	184	Before	Interior Girder 2	24	0.95	1	1	8.110226
Lane_str_inv	BOBJ1	184	Before	Interior Girder 3	24	0.95	1	1	8.34054
Lane_str_inv	BOBJ1	184	Before	Interior Girder 4	24	0.95	1	1	8.32962
Lane_str_inv	BOBJ1	184	Before	Interior Girder 5	24	0.95	1	1	8.06705
Lane_str_inv	BOBJ1	184	Before	Interior Girder 6	24	0.95	1	1	7.997362
Lane_str_inv	BOBJ1	184	Before	Right Exterior Girder	24	0.95	1	1	8.781007
Lane_str_inv	BOBJ1	184	After	Left Exterior Girder	24	0.95	1	1	8.909764
Lane_str_inv	BOBJ1	184	After	Interior Girder 1	24	0.95	1	1	7.845833
Lane_str_inv	BOBJ1	184	After	Interior Girder 2	24	0.95	1	1	8.114855
Lane_str_inv	BOBJ1	184	After	Interior Girder 3	24	0.95	1	1	8.370273
Lane_str_inv	BOBJ1	184	After	Interior Girder 4	24	0.95	1	1	8.362085
Lane_str_inv	BOBJ1	184	After	Interior Girder 5	24	0.95	1	1	8.074206
Lane_str_inv	BOBJ1	184	After	Interior Girder 6	24	0.95	1	1	7.865765
Lane_str_inv	BOBJ1	184	After	Right Exterior Girder	24	0.95	1	1	8.934827
Lane_str_inv	BOBJ1	192	Before	Left Exterior Girder	32	0.95	1	1	5.720273
Lane_str_inv	BOBJ1	192	Before	Interior Girder 1	32	0.95	1	1	5.389939
Lane_str_inv	BOBJ1	192	Before	Interior Girder 2	32	0.95	1	1	5.652469
Lane_str_inv	BOBJ1	192	Before	Interior Girder 3	32	0.95	1	1	5.732926
Lane_str_inv	BOBJ1	192	Before	Interior Girder 4	32	0.95	1	1	5.725255
Lane_str_inv	BOBJ1	192	Before	Interior Girder 5	32	0.95	1	1	5.652965
Lane_str_inv	BOBJ1	192	Before	Interior Girder 6	32	0.95	1	1	5.384253
Lane_str_inv	BOBJ1	192	Before	Right Exterior Girder	32	0.95	1	1	5.741219
Lane_str_inv	BOBJ1	192	After	Left Exterior Girder	32	0.95	1	1	5.82668
Lane_str_inv	BOBJ1	192	After	Interior Girder 1	32	0.95	1	1	5.317301
Lane_str_inv	BOBJ1	192	After	Interior Girder 2	32	0.95	1	1	5.633661
Lane_str_inv	BOBJ1	192	After	Interior Girder 3	32	0.95	1	1	5.732671
Lane_str_inv	BOBJ1	192	After	Interior Girder 4	32	0.95	1	1	5.725568
Lane_str_inv	BOBJ1	192	After	Interior Girder 5	32	0.95	1	1	5.634083
Lane_str_inv	BOBJ1	192	After	Interior Girder 6	32	0.95	1	1	5.312274
Lane_str_inv	BOBJ1	192	After	Right Exterior Girder	32	0.95	1	1	5.846652
Lane_str_inv	BOBJ1	200	Before	Left Exterior Girder	40	0.95	1	1	4.874276
Lane_str_inv	BOBJ1	200	Before	Interior Girder 1	40	0.95	1	1	4.301473
Lane_str_inv	BOBJ1	200	Before	Interior Girder 2	40	0.95	1	1	4.568056
Lane_str_inv	BOBJ1	200	Before	Interior Girder 3	40	0.95	1	1	4.725049
Lane_str_inv	BOBJ1	200	Before	Interior Girder 4	40	0.95	1	1	4.72027
Lane_str_inv	BOBJ1	200	Before	Interior Girder 5	40	0.95	1	1	4.55165
Lane_str_inv	BOBJ1	200	Before	Interior Girder 6	40	0.95	1	1	4.307866
Lane_str_inv	BOBJ1	200	Before	Right Exterior Girder	40	0.95	1	1	4.8893
Lane_str_inv	BOBJ1	200	After	Left Exterior Girder	40	0.95	1	1	4.910303
Lane_str_inv	BOBJ1	200	After	Interior Girder 1	40	0.95	1	1	4.277484
Lane_str_inv	BOBJ1	200	After	Interior Girder 2	40	0.95	1	1	4.560318
Lane_str_inv	BOBJ1	200	After	Interior Girder 3	40	0.95	1	1	4.721382
Lane_str_inv	BOBJ1	200	After	Interior Girder 4	40	0.95	1	1	4.716608
Lane_str_inv	BOBJ1	200	After	Interior Girder 5	40	0.95	1	1	4.543801
Lane_str_inv	BOBJ1	200	After	Interior Girder 6	40	0.95	1	1	4.283948
Lane_str_inv	BOBJ1	200	After	Right Exterior Girder	40	0.95	1	1	4.925181
Lane_str_inv	BOBJ1	208	Before	Left Exterior Girder	48	0.95	1	1	4.660839
Lane_str_inv	BOBJ1	208	Before	Interior Girder 1	48	0.95	1	1	4.166164
Lane_str_inv	BOBJ1	208	Before	Interior Girder 2	48	0.95	1	1	4.466535
Lane_str_inv	BOBJ1	208	Before	Interior Girder 3	48	0.95	1	1	4.620676
Lane_str_inv	BOBJ1	208	Before	Interior Girder 4	48	0.95	1	1	4.615167
Lane_str_inv	BOBJ1	208	Before	Interior Girder 5	48	0.95	1	1	4.466107
Lane_str_inv	BOBJ1	208	Before	Interior Girder 6	48	0.95	1	1	4.162871
Lane_str_inv	BOBJ1	208	Before	Right Exterior Girder	48	0.95	1	1	4.67617
Lane_str_inv	BOBJ1	208	After	Left Exterior Girder	48	0.95	1	1	4.632589
Lane_str_inv	BOBJ1	208	After	Interior Girder 1	48	0.95	1	1	4.178948
Lane_str_inv	BOBJ1	208	After	Interior Girder 2	48	0.95	1	1	4.470229
Lane_str_inv	BOBJ1	208	After	Interior Girder 3	48	0.95	1	1	4.616201
Lane_str_inv	BOBJ1	208	After	Interior Girder 4	48	0.95	1	1	4.610342
Lane_str_inv	BOBJ1	208	After	Interior Girder 5	48	0.95	1	1	4.469516

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelINonCompStrgth-Flx - Approach, Span 4-E									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Lane_str_inv	BOBJ1	208	After	Interior Girder 6	48	0.95	1	1	4.175415
Lane_str_inv	BOBJ1	208	After	Right Exterior Girder	48	0.95	1	1	4.648497
Lane_str_inv	BOBJ1	216	Before	Left Exterior Girder	56	0.95	1	1	5.648411
Lane_str_inv	BOBJ1	216	Before	Interior Girder 1	56	0.95	1	1	4.772603
Lane_str_inv	BOBJ1	216	Before	Interior Girder 2	56	0.95	1	1	5.087789
Lane_str_inv	BOBJ1	216	Before	Interior Girder 3	56	0.95	1	1	5.312088
Lane_str_inv	BOBJ1	216	Before	Interior Girder 4	56	0.95	1	1	5.307079
Lane_str_inv	BOBJ1	216	Before	Interior Girder 5	56	0.95	1	1	5.065065
Lane_str_inv	BOBJ1	216	Before	Interior Girder 6	56	0.95	1	1	4.782557
Lane_str_inv	BOBJ1	216	Before	Right Exterior Girder	56	0.95	1	1	5.664707
Lane_str_inv	BOBJ1	216	After	Left Exterior Girder	56	0.95	1	1	5.543351
Lane_str_inv	BOBJ1	216	After	Interior Girder 1	56	0.95	1	1	4.835835
Lane_str_inv	BOBJ1	216	After	Interior Girder 2	56	0.95	1	1	5.100783
Lane_str_inv	BOBJ1	216	After	Interior Girder 3	56	0.95	1	1	5.294504
Lane_str_inv	BOBJ1	216	After	Interior Girder 4	56	0.95	1	1	5.288578
Lane_str_inv	BOBJ1	216	After	Interior Girder 5	56	0.95	1	1	5.076554
Lane_str_inv	BOBJ1	216	After	Interior Girder 6	56	0.95	1	1	4.845907
Lane_str_inv	BOBJ1	216	After	Right Exterior Girder	56	0.95	1	1	5.56139
Lane_str_inv	BOBJ1	224	Before	Left Exterior Girder	64	0.95	1	1	8.014497
Lane_str_inv	BOBJ1	224	Before	Interior Girder 1	64	0.95	1	1	6.954988
Lane_str_inv	BOBJ1	224	Before	Interior Girder 2	64	0.95	1	1	7.327134
Lane_str_inv	BOBJ1	224	Before	Interior Girder 3	64	0.95	1	1	7.551604
Lane_str_inv	BOBJ1	224	Before	Interior Girder 4	64	0.95	1	1	7.5422
Lane_str_inv	BOBJ1	224	Before	Interior Girder 5	64	0.95	1	1	7.318191
Lane_str_inv	BOBJ1	224	Before	Interior Girder 6	64	0.95	1	1	6.953388
Lane_str_inv	BOBJ1	224	Before	Right Exterior Girder	64	0.95	1	1	8.041774
Lane_str_inv	BOBJ1	224	After	Left Exterior Girder	64	0.95	1	1	7.783378
Lane_str_inv	BOBJ1	224	After	Interior Girder 1	64	0.95	1	1	7.136458
Lane_str_inv	BOBJ1	224	After	Interior Girder 2	64	0.95	1	1	7.355728
Lane_str_inv	BOBJ1	224	After	Interior Girder 3	64	0.95	1	1	7.492794
Lane_str_inv	BOBJ1	224	After	Interior Girder 4	64	0.95	1	1	7.482068
Lane_str_inv	BOBJ1	224	After	Interior Girder 5	64	0.95	1	1	7.340107
Lane_str_inv	BOBJ1	224	After	Interior Girder 6	64	0.95	1	1	7.136978
Lane_str_inv	BOBJ1	224	After	Right Exterior Girder	64	0.95	1	1	7.813319
Lane_str_inv	BOBJ1	232	Before	Left Exterior Girder	72	0.95	1	1	17.706417
Lane_str_inv	BOBJ1	232	Before	Interior Girder 1	72	0.95	1	1	14.170935
Lane_str_inv	BOBJ1	232	Before	Interior Girder 2	72	0.95	1	1	14.729699
Lane_str_inv	BOBJ1	232	Before	Interior Girder 3	72	0.95	1	1	15.72627
Lane_str_inv	BOBJ1	232	Before	Interior Girder 4	72	0.95	1	1	15.712385
Lane_str_inv	BOBJ1	232	Before	Interior Girder 5	72	0.95	1	1	14.641609
Lane_str_inv	BOBJ1	232	Before	Interior Girder 6	72	0.95	1	1	14.219042
Lane_str_inv	BOBJ1	232	Before	Right Exterior Girder	72	0.95	1	1	17.756665
Lane_str_inv	BOBJ1	232	After	Left Exterior Girder	72	0.95	1	1	17.313376
Lane_str_inv	BOBJ1	232	After	Interior Girder 1	72	0.95	1	1	14.647039
Lane_str_inv	BOBJ1	232	After	Interior Girder 2	72	0.95	1	1	14.713452
Lane_str_inv	BOBJ1	232	After	Interior Girder 3	72	0.95	1	1	15.405555
Lane_str_inv	BOBJ1	232	After	Interior Girder 4	72	0.95	1	1	15.393501
Lane_str_inv	BOBJ1	232	After	Interior Girder 5	72	0.95	1	1	14.582847
Lane_str_inv	BOBJ1	232	After	Interior Girder 6	72	0.95	1	1	14.719214
Lane_str_inv	BOBJ1	232	After	Right Exterior Girder	72	0.95	1	1	17.364374
Lane_str_inv	BOBJ1	240	Before	Left Exterior Girder	80	0.95	1	1	167.839312
Lane_str_inv	BOBJ1	240	Before	Interior Girder 1	80	0.95	1	1	115.288814
Lane_str_inv	BOBJ1	240	Before	Interior Girder 2	80	0.95	1	1	113.999682
Lane_str_inv	BOBJ1	240	Before	Interior Girder 3	80	0.95	1	1	77.030152
Lane_str_inv	BOBJ1	240	Before	Interior Girder 4	80	0.95	1	1	76.963351
Lane_str_inv	BOBJ1	240	Before	Interior Girder 5	80	0.95	1	1	111.011387
Lane_str_inv	BOBJ1	240	Before	Interior Girder 6	80	0.95	1	1	115.288814
Lane_str_inv	BOBJ1	240	Before	Right Exterior Girder	80	0.95	1	1	168.219102
SU4_str	BOBJ1	0	After	Left Exterior Girder	0	0.95	1	1	498.771352
SU4_str	BOBJ1	0	After	Interior Girder 1	0	0.95	1	1	418.43795
SU4_str	BOBJ1	0	After	Interior Girder 2	0	0.95	1	1	377.512646
SU4_str	BOBJ1	0	After	Interior Girder 3	0	0.95	1	1	245.830846
SU4_str	BOBJ1	0	After	Interior Girder 4	0	0.95	1	1	249.796046
SU4_str	BOBJ1	0	After	Interior Girder 5	0	0.95	1	1	373.417034
SU4_str	BOBJ1	0	After	Interior Girder 6	0	0.95	1	1	397.569088

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelINonCompStrgth-Flx - Approach, Span 4-8									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
SU4_str	BOBJ1	0	After	Right Exterior Girder	0	0.95	1	1	505.564765
SU4_str	BOBJ1	8	Before	Left Exterior Girder	8	0.95	1	1	7.17795
SU4_str	BOBJ1	8	Before	Interior Girder 1	8	0.95	1	1	5.376258
SU4_str	BOBJ1	8	Before	Interior Girder 2	8	0.95	1	1	5.05379
SU4_str	BOBJ1	8	Before	Interior Girder 3	8	0.95	1	1	4.675138
SU4_str	BOBJ1	8	Before	Interior Girder 4	8	0.95	1	1	4.702695
SU4_str	BOBJ1	8	Before	Interior Girder 5	8	0.95	1	1	5.036489
SU4_str	BOBJ1	8	Before	Interior Girder 6	8	0.95	1	1	5.397784
SU4_str	BOBJ1	8	Before	Right Exterior Girder	8	0.95	1	1	7.187466
SU4_str	BOBJ1	8	After	Left Exterior Girder	8	0.95	1	1	7.251769
SU4_str	BOBJ1	8	After	Interior Girder 1	8	0.95	1	1	5.366408
SU4_str	BOBJ1	8	After	Interior Girder 2	8	0.95	1	1	5.157541
SU4_str	BOBJ1	8	After	Interior Girder 3	8	0.95	1	1	4.858592
SU4_str	BOBJ1	8	After	Interior Girder 4	8	0.95	1	1	4.884291
SU4_str	BOBJ1	8	After	Interior Girder 5	8	0.95	1	1	5.141488
SU4_str	BOBJ1	8	After	Interior Girder 6	8	0.95	1	1	5.385749
SU4_str	BOBJ1	8	After	Right Exterior Girder	8	0.95	1	1	7.260009
SU4_str	BOBJ1	16	Before	Left Exterior Girder	16	0.95	1	1	3.300565
SU4_str	BOBJ1	16	Before	Interior Girder 1	16	0.95	1	1	3.203798
SU4_str	BOBJ1	16	Before	Interior Girder 2	16	0.95	1	1	3.049782
SU4_str	BOBJ1	16	Before	Interior Girder 3	16	0.95	1	1	3.010027
SU4_str	BOBJ1	16	Before	Interior Girder 4	16	0.95	1	1	3.010085
SU4_str	BOBJ1	16	Before	Interior Girder 5	16	0.95	1	1	3.047265
SU4_str	BOBJ1	16	Before	Interior Girder 6	16	0.95	1	1	3.20375
SU4_str	BOBJ1	16	Before	Right Exterior Girder	16	0.95	1	1	3.304799
SU4_str	BOBJ1	16	After	Left Exterior Girder	16	0.95	1	1	3.367165
SU4_str	BOBJ1	16	After	Interior Girder 1	16	0.95	1	1	3.16344
SU4_str	BOBJ1	16	After	Interior Girder 2	16	0.95	1	1	3.049863
SU4_str	BOBJ1	16	After	Interior Girder 3	16	0.95	1	1	3.043771
SU4_str	BOBJ1	16	After	Interior Girder 4	16	0.95	1	1	3.045533
SU4_str	BOBJ1	16	After	Interior Girder 5	16	0.95	1	1	3.048383
SU4_str	BOBJ1	16	After	Interior Girder 6	16	0.95	1	1	3.163266
SU4_str	BOBJ1	16	After	Right Exterior Girder	16	0.95	1	1	3.371182
SU4_str	BOBJ1	20.5	Before	Left Exterior Girder	20.5	0.95	1	1	2.724357
SU4_str	BOBJ1	20.5	Before	Right Exterior Girder	20.5	0.95	1	1	2.726727
SU4_str	BOBJ1	20.5	After	Left Exterior Girder	20.5	0.95	1	1	4.035293
SU4_str	BOBJ1	20.5	After	Right Exterior Girder	20.5	0.95	1	1	4.038601
SU4_str	BOBJ1	24	Before	Left Exterior Girder	24	0.95	1	1	3.611037
SU4_str	BOBJ1	24	Before	Interior Girder 1	24	0.95	1	1	2.263759
SU4_str	BOBJ1	24	Before	Interior Girder 2	24	0.95	1	1	2.250794
SU4_str	BOBJ1	24	Before	Interior Girder 3	24	0.95	1	1	2.262889
SU4_str	BOBJ1	24	Before	Interior Girder 4	24	0.95	1	1	2.269421
SU4_str	BOBJ1	24	Before	Interior Girder 5	24	0.95	1	1	2.24563
SU4_str	BOBJ1	24	Before	Interior Girder 6	24	0.95	1	1	2.268526
SU4_str	BOBJ1	24	Before	Right Exterior Girder	24	0.95	1	1	3.614391
SU4_str	BOBJ1	24	After	Left Exterior Girder	24	0.95	1	1	3.61443
SU4_str	BOBJ1	24	After	Interior Girder 1	24	0.95	1	1	2.272093
SU4_str	BOBJ1	24	After	Interior Girder 2	24	0.95	1	1	2.247905
SU4_str	BOBJ1	24	After	Interior Girder 3	24	0.95	1	1	2.273061
SU4_str	BOBJ1	24	After	Interior Girder 4	24	0.95	1	1	2.281361
SU4_str	BOBJ1	24	After	Interior Girder 5	24	0.95	1	1	2.242805
SU4_str	BOBJ1	24	After	Interior Girder 6	24	0.95	1	1	2.276834
SU4_str	BOBJ1	24	After	Right Exterior Girder	24	0.95	1	1	3.617661
SU4_str	BOBJ1	32	Before	Left Exterior Girder	32	0.95	1	1	3.071625
SU4_str	BOBJ1	32	Before	Interior Girder 1	32	0.95	1	1	2.144822
SU4_str	BOBJ1	32	Before	Interior Girder 2	32	0.95	1	1	2.124578
SU4_str	BOBJ1	32	Before	Interior Girder 3	32	0.95	1	1	2.191201
SU4_str	BOBJ1	32	Before	Interior Girder 4	32	0.95	1	1	2.191738
SU4_str	BOBJ1	32	Before	Interior Girder 5	32	0.95	1	1	2.123033
SU4_str	BOBJ1	32	Before	Interior Girder 6	32	0.95	1	1	2.144609
SU4_str	BOBJ1	32	Before	Right Exterior Girder	32	0.95	1	1	3.075486
SU4_str	BOBJ1	32	After	Left Exterior Girder	32	0.95	1	1	3.081553
SU4_str	BOBJ1	32	After	Interior Girder 1	32	0.95	1	1	2.146043
SU4_str	BOBJ1	32	After	Interior Girder 2	32	0.95	1	1	2.1194
SU4_str	BOBJ1	32	After	Interior Girder 3	32	0.95	1	1	2.187449

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelINonCompStrgth-Flx - Approach, Span 4-E									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
SU4_str	BOBJ1	32	After	Interior Girder 4	32	0.95	1	1	2.188397
SU4_str	BOBJ1	32	After	Interior Girder 5	32	0.95	1	1	2.118349
SU4_str	BOBJ1	32	After	Interior Girder 6	32	0.95	1	1	2.145879
SU4_str	BOBJ1	32	After	Right Exterior Girder	32	0.95	1	1	3.085186
SU4_str	BOBJ1	40	Before	Left Exterior Girder	40	0.95	1	1	3.350859
SU4_str	BOBJ1	40	Before	Interior Girder 1	40	0.95	1	1	2.166395
SU4_str	BOBJ1	40	Before	Interior Girder 2	40	0.95	1	1	2.161867
SU4_str	BOBJ1	40	Before	Interior Girder 3	40	0.95	1	1	2.218578
SU4_str	BOBJ1	40	Before	Interior Girder 4	40	0.95	1	1	2.227559
SU4_str	BOBJ1	40	Before	Interior Girder 5	40	0.95	1	1	2.15769
SU4_str	BOBJ1	40	Before	Interior Girder 6	40	0.95	1	1	2.170623
SU4_str	BOBJ1	40	Before	Right Exterior Girder	40	0.95	1	1	3.353733
SU4_str	BOBJ1	40	After	Left Exterior Girder	40	0.95	1	1	3.34436
SU4_str	BOBJ1	40	After	Interior Girder 1	40	0.95	1	1	2.174467
SU4_str	BOBJ1	40	After	Interior Girder 2	40	0.95	1	1	2.157881
SU4_str	BOBJ1	40	After	Interior Girder 3	40	0.95	1	1	2.213068
SU4_str	BOBJ1	40	After	Interior Girder 4	40	0.95	1	1	2.219861
SU4_str	BOBJ1	40	After	Interior Girder 5	40	0.95	1	1	2.153315
SU4_str	BOBJ1	40	After	Interior Girder 6	40	0.95	1	1	2.178771
SU4_str	BOBJ1	40	After	Right Exterior Girder	40	0.95	1	1	3.347292
SU4_str	BOBJ1	46.5	Before	Left Exterior Girder	46.5	0.95	1	1	3.821941
SU4_str	BOBJ1	46.5	Before	Right Exterior Girder	46.5	0.95	1	1	3.826174
SU4_str	BOBJ1	46.5	After	Left Exterior Girder	46.5	0.95	1	1	2.631384
SU4_str	BOBJ1	46.5	After	Right Exterior Girder	46.5	0.95	1	1	2.634381
SU4_str	BOBJ1	48	Before	Left Exterior Girder	48	0.95	1	1	2.791713
SU4_str	BOBJ1	48	Before	Interior Girder 1	48	0.95	1	1	2.696653
SU4_str	BOBJ1	48	Before	Interior Girder 2	48	0.95	1	1	2.685715
SU4_str	BOBJ1	48	Before	Interior Girder 3	48	0.95	1	1	2.755303
SU4_str	BOBJ1	48	Before	Interior Girder 4	48	0.95	1	1	2.757378
SU4_str	BOBJ1	48	Before	Interior Girder 5	48	0.95	1	1	2.684948
SU4_str	BOBJ1	48	Before	Interior Girder 6	48	0.95	1	1	2.696487
SU4_str	BOBJ1	48	Before	Right Exterior Girder	48	0.95	1	1	2.795092
SU4_str	BOBJ1	48	After	Left Exterior Girder	48	0.95	1	1	2.746864
SU4_str	BOBJ1	48	After	Interior Girder 1	48	0.95	1	1	2.730073
SU4_str	BOBJ1	48	After	Interior Girder 2	48	0.95	1	1	2.691302
SU4_str	BOBJ1	48	After	Interior Girder 3	48	0.95	1	1	2.752544
SU4_str	BOBJ1	48	After	Interior Girder 4	48	0.95	1	1	2.754006
SU4_str	BOBJ1	48	After	Interior Girder 5	48	0.95	1	1	2.689207
SU4_str	BOBJ1	48	After	Interior Girder 6	48	0.95	1	1	2.729857
SU4_str	BOBJ1	48	After	Right Exterior Girder	48	0.95	1	1	2.750259
SU4_str	BOBJ1	56	Before	Left Exterior Girder	56	0.95	1	1	4.354859
SU4_str	BOBJ1	56	Before	Interior Girder 1	56	0.95	1	1	3.713518
SU4_str	BOBJ1	56	Before	Interior Girder 2	56	0.95	1	1	3.599401
SU4_str	BOBJ1	56	Before	Interior Girder 3	56	0.95	1	1	3.614734
SU4_str	BOBJ1	56	Before	Interior Girder 4	56	0.95	1	1	3.634006
SU4_str	BOBJ1	56	Before	Interior Girder 5	56	0.95	1	1	3.591563
SU4_str	BOBJ1	56	Before	Interior Girder 6	56	0.95	1	1	3.722987
SU4_str	BOBJ1	56	Before	Right Exterior Girder	56	0.95	1	1	4.358193
SU4_str	BOBJ1	56	After	Left Exterior Girder	56	0.95	1	1	4.255039
SU4_str	BOBJ1	56	After	Interior Girder 1	56	0.95	1	1	3.775273
SU4_str	BOBJ1	56	After	Interior Girder 2	56	0.95	1	1	3.595085
SU4_str	BOBJ1	56	After	Interior Girder 3	56	0.95	1	1	3.58965
SU4_str	BOBJ1	56	After	Interior Girder 4	56	0.95	1	1	3.603428
SU4_str	BOBJ1	56	After	Interior Girder 5	56	0.95	1	1	3.585495
SU4_str	BOBJ1	56	After	Interior Girder 6	56	0.95	1	1	3.785148
SU4_str	BOBJ1	56	After	Right Exterior Girder	56	0.95	1	1	4.259161
SU4_str	BOBJ1	59	Before	Interior Girder 1	59	0.95	1	1	4.569608
SU4_str	BOBJ1	59	Before	Interior Girder 2	59	0.95	1	1	4.288784
SU4_str	BOBJ1	59	Before	Interior Girder 3	59	0.95	1	1	4.296176
SU4_str	BOBJ1	59	Before	Interior Girder 4	59	0.95	1	1	4.316269
SU4_str	BOBJ1	59	Before	Interior Girder 5	59	0.95	1	1	4.279123
SU4_str	BOBJ1	59	Before	Interior Girder 6	59	0.95	1	1	4.579997
SU4_str	BOBJ1	59	After	Interior Girder 1	59	0.95	1	1	2.333297
SU4_str	BOBJ1	59	After	Interior Girder 2	59	0.95	1	1	2.209436
SU4_str	BOBJ1	59	After	Interior Girder 3	59	0.95	1	1	2.156632

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelINonCompStrgth-Flx - Approach, Span 4-E									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
SU4_str	BOBJ1	59	After	Interior Girder 4	59	0.95	1	1	2.166629
SU4_str	BOBJ1	59	After	Interior Girder 5	59	0.95	1	1	2.204547
SU4_str	BOBJ1	59	After	Interior Girder 6	59	0.95	1	1	2.338486
SU4_str	BOBJ1	64	Before	Left Exterior Girder	64	0.95	1	1	7.673987
SU4_str	BOBJ1	64	Before	Interior Girder 1	64	0.95	1	1	3.977481
SU4_str	BOBJ1	64	Before	Interior Girder 2	64	0.95	1	1	3.550892
SU4_str	BOBJ1	64	Before	Interior Girder 3	64	0.95	1	1	3.545975
SU4_str	BOBJ1	64	Before	Interior Girder 4	64	0.95	1	1	3.549089
SU4_str	BOBJ1	64	Before	Interior Girder 5	64	0.95	1	1	3.550708
SU4_str	BOBJ1	64	Before	Interior Girder 6	64	0.95	1	1	3.977248
SU4_str	BOBJ1	64	Before	Right Exterior Girder	64	0.95	1	1	7.680614
SU4_str	BOBJ1	64	After	Left Exterior Girder	64	0.95	1	1	7.376878
SU4_str	BOBJ1	64	After	Interior Girder 1	64	0.95	1	1	4.069379
SU4_str	BOBJ1	64	After	Interior Girder 2	64	0.95	1	1	3.574151
SU4_str	BOBJ1	64	After	Interior Girder 3	64	0.95	1	1	3.507669
SU4_str	BOBJ1	64	After	Interior Girder 4	64	0.95	1	1	3.513425
SU4_str	BOBJ1	64	After	Interior Girder 5	64	0.95	1	1	3.57395
SU4_str	BOBJ1	64	After	Interior Girder 6	64	0.95	1	1	4.069702
SU4_str	BOBJ1	64	After	Right Exterior Girder	64	0.95	1	1	7.383188
SU4_str	BOBJ1	69	Before	Interior Girder 1	69	0.95	1	1	3.041431
SU4_str	BOBJ1	69	Before	Interior Girder 2	69	0.95	1	1	3.133683
SU4_str	BOBJ1	69	Before	Interior Girder 3	69	0.95	1	1	3.06352
SU4_str	BOBJ1	69	Before	Interior Girder 4	69	0.95	1	1	3.062111
SU4_str	BOBJ1	69	Before	Interior Girder 5	69	0.95	1	1	3.13014
SU4_str	BOBJ1	69	Before	Interior Girder 6	69	0.95	1	1	3.042247
SU4_str	BOBJ1	69	After	Interior Girder 1	69	0.95	1	1	6.644716
SU4_str	BOBJ1	69	After	Interior Girder 2	69	0.95	1	1	6.725818
SU4_str	BOBJ1	69	After	Interior Girder 3	69	0.95	1	1	6.650527
SU4_str	BOBJ1	69	After	Interior Girder 4	69	0.95	1	1	6.647164
SU4_str	BOBJ1	69	After	Interior Girder 5	69	0.95	1	1	6.718612
SU4_str	BOBJ1	69	After	Interior Girder 6	69	0.95	1	1	6.64618
SU4_str	BOBJ1	72	Before	Left Exterior Girder	72	0.95	1	1	5.10798
SU4_str	BOBJ1	72	Before	Interior Girder 1	72	0.95	1	1	5.805234
SU4_str	BOBJ1	72	Before	Interior Girder 2	72	0.95	1	1	5.849405
SU4_str	BOBJ1	72	Before	Interior Girder 3	72	0.95	1	1	5.604572
SU4_str	BOBJ1	72	Before	Interior Girder 4	72	0.95	1	1	5.601847
SU4_str	BOBJ1	72	Before	Interior Girder 5	72	0.95	1	1	5.842022
SU4_str	BOBJ1	72	Before	Interior Girder 6	72	0.95	1	1	5.807154
SU4_str	BOBJ1	72	Before	Right Exterior Girder	72	0.95	1	1	5.113191
SU4_str	BOBJ1	72	After	Left Exterior Girder	72	0.95	1	1	5.143187
SU4_str	BOBJ1	72	After	Interior Girder 1	72	0.95	1	1	5.719567
SU4_str	BOBJ1	72	After	Interior Girder 2	72	0.95	1	1	5.773576
SU4_str	BOBJ1	72	After	Interior Girder 3	72	0.95	1	1	5.564301
SU4_str	BOBJ1	72	After	Interior Girder 4	72	0.95	1	1	5.561078
SU4_str	BOBJ1	72	After	Interior Girder 5	72	0.95	1	1	5.766051
SU4_str	BOBJ1	72	After	Interior Girder 6	72	0.95	1	1	5.721567
SU4_str	BOBJ1	72	After	Right Exterior Girder	72	0.95	1	1	5.148358
SU4_str	BOBJ1	72.5	Before	Left Exterior Girder	72.5	0.95	1	1	4.954901
SU4_str	BOBJ1	72.5	Before	Right Exterior Girder	72.5	0.95	1	1	4.959994
SU4_str	BOBJ1	72.5	After	Left Exterior Girder	72.5	0.95	1	1	7.528175
SU4_str	BOBJ1	72.5	After	Right Exterior Girder	72.5	0.95	1	1	7.536009
SU4_str	BOBJ1	80	Before	Left Exterior Girder	80	0.95	1	1	5.118017
SU4_str	BOBJ1	80	Before	Interior Girder 1	80	0.95	1	1	3.62941
SU4_str	BOBJ1	80	Before	Interior Girder 2	80	0.95	1	1	3.493115
SU4_str	BOBJ1	80	Before	Interior Girder 3	80	0.95	1	1	2.86889
SU4_str	BOBJ1	80	Before	Interior Girder 4	80	0.95	1	1	2.874245
SU4_str	BOBJ1	80	Before	Interior Girder 5	80	0.95	1	1	3.484777
SU4_str	BOBJ1	80	Before	Interior Girder 6	80	0.95	1	1	3.631389
SU4_str	BOBJ1	80	Before	Right Exterior Girder	80	0.95	1	1	5.124445
SU4_str	BOBJ1	80	After	Left Exterior Girder	0	0.95	1	1	4.960871
SU4_str	BOBJ1	80	After	Interior Girder 1	0	0.95	1	1	3.528204
SU4_str	BOBJ1	80	After	Interior Girder 2	0	0.95	1	1	3.44168
SU4_str	BOBJ1	80	After	Interior Girder 3	0	0.95	1	1	2.83894
SU4_str	BOBJ1	80	After	Interior Girder 4	0	0.95	1	1	2.845808
SU4_str	BOBJ1	80	After	Interior Girder 5	0	0.95	1	1	3.434551

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelINonCompStrgth-Flx - Approach, Span 4-E									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
SU4_str	BOBJ1	80	After	Interior Girder 6	0	0.95	1	1	3.534012
SU4_str	BOBJ1	80	After	Right Exterior Girder	0	0.95	1	1	4.967354
SU4_str	BOBJ1	87.5	Before	Left Exterior Girder	7.5	0.95	1	1	8.043601
SU4_str	BOBJ1	87.5	Before	Right Exterior Girder	7.5	0.95	1	1	8.052246
SU4_str	BOBJ1	87.5	After	Left Exterior Girder	7.5	0.95	1	1	5.190553
SU4_str	BOBJ1	87.5	After	Right Exterior Girder	7.5	0.95	1	1	5.195972
SU4_str	BOBJ1	88	Before	Left Exterior Girder	8	0.95	1	1	5.354803
SU4_str	BOBJ1	88	Before	Interior Girder 1	8	0.95	1	1	5.620643
SU4_str	BOBJ1	88	Before	Interior Girder 2	8	0.95	1	1	5.627356
SU4_str	BOBJ1	88	Before	Interior Girder 3	8	0.95	1	1	5.335974
SU4_str	BOBJ1	88	Before	Interior Girder 4	8	0.95	1	1	5.333105
SU4_str	BOBJ1	88	Before	Interior Girder 5	8	0.95	1	1	5.619838
SU4_str	BOBJ1	88	Before	Interior Girder 6	8	0.95	1	1	5.622535
SU4_str	BOBJ1	88	Before	Right Exterior Girder	8	0.95	1	1	5.360307
SU4_str	BOBJ1	88	After	Left Exterior Girder	8	0.95	1	1	5.379287
SU4_str	BOBJ1	88	After	Interior Girder 1	8	0.95	1	1	5.649896
SU4_str	BOBJ1	88	After	Interior Girder 2	8	0.95	1	1	5.696932
SU4_str	BOBJ1	88	After	Interior Girder 3	8	0.95	1	1	5.37161
SU4_str	BOBJ1	88	After	Interior Girder 4	8	0.95	1	1	5.369272
SU4_str	BOBJ1	88	After	Interior Girder 5	8	0.95	1	1	5.689599
SU4_str	BOBJ1	88	After	Interior Girder 6	8	0.95	1	1	5.651658
SU4_str	BOBJ1	88	After	Right Exterior Girder	8	0.95	1	1	5.384616
SU4_str	BOBJ1	91	Before	Interior Girder 1	11	0.95	1	1	6.376342
SU4_str	BOBJ1	91	Before	Interior Girder 2	11	0.95	1	1	6.502245
SU4_str	BOBJ1	91	Before	Interior Girder 3	11	0.95	1	1	6.35361
SU4_str	BOBJ1	91	Before	Interior Girder 4	11	0.95	1	1	6.350269
SU4_str	BOBJ1	91	Before	Interior Girder 5	11	0.95	1	1	6.495119
SU4_str	BOBJ1	91	Before	Interior Girder 6	11	0.95	1	1	6.37767
SU4_str	BOBJ1	91	After	Interior Girder 1	11	0.95	1	1	2.606539
SU4_str	BOBJ1	91	After	Interior Girder 2	11	0.95	1	1	2.724684
SU4_str	BOBJ1	91	After	Interior Girder 3	11	0.95	1	1	2.628948
SU4_str	BOBJ1	91	After	Interior Girder 4	11	0.95	1	1	2.627861
SU4_str	BOBJ1	91	After	Interior Girder 5	11	0.95	1	1	2.721578
SU4_str	BOBJ1	91	After	Interior Girder 6	11	0.95	1	1	2.60719
SU4_str	BOBJ1	96	Before	Left Exterior Girder	16	0.95	1	1	7.925058
SU4_str	BOBJ1	96	Before	Interior Girder 1	16	0.95	1	1	3.557824
SU4_str	BOBJ1	96	Before	Interior Girder 2	16	0.95	1	1	3.736355
SU4_str	BOBJ1	96	Before	Interior Girder 3	16	0.95	1	1	3.916626
SU4_str	BOBJ1	96	Before	Interior Girder 4	16	0.95	1	1	3.914796
SU4_str	BOBJ1	96	Before	Interior Girder 5	16	0.95	1	1	3.733512
SU4_str	BOBJ1	96	Before	Interior Girder 6	16	0.95	1	1	3.558116
SU4_str	BOBJ1	96	Before	Right Exterior Girder	16	0.95	1	1	7.931056
SU4_str	BOBJ1	96	After	Left Exterior Girder	16	0.95	1	1	3.858198
SU4_str	BOBJ1	96	After	Interior Girder 1	16	0.95	1	1	4.205574
SU4_str	BOBJ1	96	After	Interior Girder 2	16	0.95	1	1	4.368758
SU4_str	BOBJ1	96	After	Interior Girder 3	16	0.95	1	1	4.520684
SU4_str	BOBJ1	96	After	Interior Girder 4	16	0.95	1	1	4.518773
SU4_str	BOBJ1	96	After	Interior Girder 5	16	0.95	1	1	4.365135
SU4_str	BOBJ1	96	After	Interior Girder 6	16	0.95	1	1	4.20608
SU4_str	BOBJ1	96	After	Right Exterior Girder	16	0.95	1	1	3.861268
SU4_str	BOBJ1	104	Before	Left Exterior Girder	24	0.95	1	1	3.558196
SU4_str	BOBJ1	104	Before	Interior Girder 1	24	0.95	1	1	2.836809
SU4_str	BOBJ1	104	Before	Interior Girder 2	24	0.95	1	1	2.701731
SU4_str	BOBJ1	104	Before	Interior Girder 3	24	0.95	1	1	2.645698
SU4_str	BOBJ1	104	Before	Interior Girder 4	24	0.95	1	1	2.660881
SU4_str	BOBJ1	104	Before	Interior Girder 5	24	0.95	1	1	2.695344
SU4_str	BOBJ1	104	Before	Interior Girder 6	24	0.95	1	1	2.845077
SU4_str	BOBJ1	104	Before	Right Exterior Girder	24	0.95	1	1	3.561597
SU4_str	BOBJ1	104	After	Left Exterior Girder	24	0.95	1	1	3.650608
SU4_str	BOBJ1	104	After	Interior Girder 1	24	0.95	1	1	2.787899
SU4_str	BOBJ1	104	After	Interior Girder 2	24	0.95	1	1	2.695491
SU4_str	BOBJ1	104	After	Interior Girder 3	24	0.95	1	1	2.675057
SU4_str	BOBJ1	104	After	Interior Girder 4	24	0.95	1	1	2.691887
SU4_str	BOBJ1	104	After	Interior Girder 5	24	0.95	1	1	2.690747
SU4_str	BOBJ1	104	After	Interior Girder 6	24	0.95	1	1	2.795792

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelINonCompStrgth-Flx - Approach, Span 4-E									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
SU4_str	BOBJ1	104	After	Right Exterior Girder	24	0.95	1	1	3.653758
SU4_str	BOBJ1	112	Before	Left Exterior Girder	32	0.95	1	1	2.344402
SU4_str	BOBJ1	112	Before	Interior Girder 1	32	0.95	1	1	2.226072
SU4_str	BOBJ1	112	Before	Interior Girder 2	32	0.95	1	1	2.183394
SU4_str	BOBJ1	112	Before	Interior Girder 3	32	0.95	1	1	2.234627
SU4_str	BOBJ1	112	Before	Interior Girder 4	32	0.95	1	1	2.235479
SU4_str	BOBJ1	112	Before	Interior Girder 5	32	0.95	1	1	2.183014
SU4_str	BOBJ1	112	Before	Interior Girder 6	32	0.95	1	1	2.225645
SU4_str	BOBJ1	112	Before	Right Exterior Girder	32	0.95	1	1	2.347567
SU4_str	BOBJ1	112	After	Left Exterior Girder	32	0.95	1	1	2.381059
SU4_str	BOBJ1	112	After	Interior Girder 1	32	0.95	1	1	2.203839
SU4_str	BOBJ1	112	After	Interior Girder 2	32	0.95	1	1	2.175805
SU4_str	BOBJ1	112	After	Interior Girder 3	32	0.95	1	1	2.236328
SU4_str	BOBJ1	112	After	Interior Girder 4	32	0.95	1	1	2.237023
SU4_str	BOBJ1	112	After	Interior Girder 5	32	0.95	1	1	2.176107
SU4_str	BOBJ1	112	After	Interior Girder 6	32	0.95	1	1	2.20348
SU4_str	BOBJ1	112	After	Right Exterior Girder	32	0.95	1	1	2.384172
SU4_str	BOBJ1	120	Before	Left Exterior Girder	40	0.95	1	1	2.203415
SU4_str	BOBJ1	120	Before	Interior Girder 1	40	0.95	1	1	1.916753
SU4_str	BOBJ1	120	Before	Interior Girder 2	40	0.95	1	1	1.914771
SU4_str	BOBJ1	120	Before	Interior Girder 3	40	0.95	1	1	1.932321
SU4_str	BOBJ1	120	Before	Interior Girder 4	40	0.95	1	1	1.940677
SU4_str	BOBJ1	120	Before	Interior Girder 5	40	0.95	1	1	1.910259
SU4_str	BOBJ1	120	Before	Interior Girder 6	40	0.95	1	1	1.921196
SU4_str	BOBJ1	120	Before	Right Exterior Girder	40	0.95	1	1	2.205294
SU4_str	BOBJ1	120	After	Left Exterior Girder	40	0.95	1	1	2.206116
SU4_str	BOBJ1	120	After	Interior Girder 1	40	0.95	1	1	1.914863
SU4_str	BOBJ1	120	After	Interior Girder 2	40	0.95	1	1	1.914374
SU4_str	BOBJ1	120	After	Interior Girder 3	40	0.95	1	1	1.93264
SU4_str	BOBJ1	120	After	Interior Girder 4	40	0.95	1	1	1.940936
SU4_str	BOBJ1	120	After	Interior Girder 5	40	0.95	1	1	1.909824
SU4_str	BOBJ1	120	After	Interior Girder 6	40	0.95	1	1	1.919307
SU4_str	BOBJ1	120	After	Right Exterior Girder	40	0.95	1	1	2.207994
SU4_str	BOBJ1	128	Before	Left Exterior Girder	48	0.95	1	1	2.340188
SU4_str	BOBJ1	128	Before	Interior Girder 1	48	0.95	1	1	2.18645
SU4_str	BOBJ1	128	Before	Interior Girder 2	48	0.95	1	1	2.161531
SU4_str	BOBJ1	128	Before	Interior Girder 3	48	0.95	1	1	2.223461
SU4_str	BOBJ1	128	Before	Interior Girder 4	48	0.95	1	1	2.224142
SU4_str	BOBJ1	128	Before	Interior Girder 5	48	0.95	1	1	2.161792
SU4_str	BOBJ1	128	Before	Interior Girder 6	48	0.95	1	1	2.186083
SU4_str	BOBJ1	128	Before	Right Exterior Girder	48	0.95	1	1	2.343239
SU4_str	BOBJ1	128	After	Left Exterior Girder	48	0.95	1	1	2.309308
SU4_str	BOBJ1	128	After	Interior Girder 1	48	0.95	1	1	2.203571
SU4_str	BOBJ1	128	After	Interior Girder 2	48	0.95	1	1	2.16896
SU4_str	BOBJ1	128	After	Interior Girder 3	48	0.95	1	1	2.222841
SU4_str	BOBJ1	128	After	Interior Girder 4	48	0.95	1	1	2.223636
SU4_str	BOBJ1	128	After	Interior Girder 5	48	0.95	1	1	2.168536
SU4_str	BOBJ1	128	After	Interior Girder 6	48	0.95	1	1	2.203144
SU4_str	BOBJ1	128	After	Right Exterior Girder	48	0.95	1	1	2.312412
SU4_str	BOBJ1	136	Before	Left Exterior Girder	56	0.95	1	1	3.519338
SU4_str	BOBJ1	136	Before	Interior Girder 1	56	0.95	1	1	2.744048
SU4_str	BOBJ1	136	Before	Interior Girder 2	56	0.95	1	1	2.662684
SU4_str	BOBJ1	136	Before	Interior Girder 3	56	0.95	1	1	2.64611
SU4_str	BOBJ1	136	Before	Interior Girder 4	56	0.95	1	1	2.66251
SU4_str	BOBJ1	136	Before	Interior Girder 5	56	0.95	1	1	2.657941
SU4_str	BOBJ1	136	Before	Interior Girder 6	56	0.95	1	1	2.751716
SU4_str	BOBJ1	136	Before	Right Exterior Girder	56	0.95	1	1	3.522405
SU4_str	BOBJ1	136	After	Left Exterior Girder	56	0.95	1	1	3.435927
SU4_str	BOBJ1	136	After	Interior Girder 1	56	0.95	1	1	2.788052
SU4_str	BOBJ1	136	After	Interior Girder 2	56	0.95	1	1	2.669216
SU4_str	BOBJ1	136	After	Interior Girder 3	56	0.95	1	1	2.619728
SU4_str	BOBJ1	136	After	Interior Girder 4	56	0.95	1	1	2.634272
SU4_str	BOBJ1	136	After	Interior Girder 5	56	0.95	1	1	2.662867
SU4_str	BOBJ1	136	After	Interior Girder 6	56	0.95	1	1	2.796063
SU4_str	BOBJ1	136	After	Right Exterior Girder	56	0.95	1	1	3.439212

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelINonCompStrgth-Flx - Approach, Span 4-E									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
SU4_str	BOBJ1	144	Before	Left Exterior Girder	64	0.95	1	1	3.821008
SU4_str	BOBJ1	144	Before	Interior Girder 1	64	0.95	1	1	4.136837
SU4_str	BOBJ1	144	Before	Interior Girder 2	64	0.95	1	1	4.331356
SU4_str	BOBJ1	144	Before	Interior Girder 3	64	0.95	1	1	4.518969
SU4_str	BOBJ1	144	Before	Interior Girder 4	64	0.95	1	1	4.517189
SU4_str	BOBJ1	144	Before	Interior Girder 5	64	0.95	1	1	4.328004
SU4_str	BOBJ1	144	Before	Interior Girder 6	64	0.95	1	1	4.137223
SU4_str	BOBJ1	144	Before	Right Exterior Girder	64	0.95	1	1	3.823905
SU4_str	BOBJ1	144	After	Left Exterior Girder	64	0.95	1	1	7.223359
SU4_str	BOBJ1	144	After	Interior Girder 1	64	0.95	1	1	3.493745
SU4_str	BOBJ1	144	After	Interior Girder 2	64	0.95	1	1	3.703339
SU4_str	BOBJ1	144	After	Interior Girder 3	64	0.95	1	1	3.914518
SU4_str	BOBJ1	144	After	Interior Girder 4	64	0.95	1	1	3.912782
SU4_str	BOBJ1	144	After	Interior Girder 5	64	0.95	1	1	3.70071
SU4_str	BOBJ1	144	After	Interior Girder 6	64	0.95	1	1	3.494006
SU4_str	BOBJ1	144	After	Right Exterior Girder	64	0.95	1	1	7.228569
SU4_str	BOBJ1	150	Before	Interior Girder 1	70	0.95	1	1	2.381355
SU4_str	BOBJ1	150	Before	Interior Girder 2	70	0.95	1	1	2.514507
SU4_str	BOBJ1	150	Before	Interior Girder 3	70	0.95	1	1	2.426793
SU4_str	BOBJ1	150	Before	Interior Girder 4	70	0.95	1	1	2.425806
SU4_str	BOBJ1	150	Before	Interior Girder 5	70	0.95	1	1	2.51167
SU4_str	BOBJ1	150	Before	Interior Girder 6	70	0.95	1	1	2.381981
SU4_str	BOBJ1	150	After	Interior Girder 1	70	0.95	1	1	5.614104
SU4_str	BOBJ1	150	After	Interior Girder 2	70	0.95	1	1	5.753878
SU4_str	BOBJ1	150	After	Interior Girder 3	70	0.95	1	1	5.629534
SU4_str	BOBJ1	150	After	Interior Girder 4	70	0.95	1	1	5.626609
SU4_str	BOBJ1	150	After	Interior Girder 5	70	0.95	1	1	5.747629
SU4_str	BOBJ1	150	After	Interior Girder 6	70	0.95	1	1	5.615335
SU4_str	BOBJ1	152	Before	Left Exterior Girder	72	0.95	1	1	4.80866
SU4_str	BOBJ1	152	Before	Interior Girder 1	72	0.95	1	1	5.134696
SU4_str	BOBJ1	152	Before	Interior Girder 2	72	0.95	1	1	5.249203
SU4_str	BOBJ1	152	Before	Interior Girder 3	72	0.95	1	1	5.017429
SU4_str	BOBJ1	152	Before	Interior Girder 4	72	0.95	1	1	5.015265
SU4_str	BOBJ1	152	Before	Interior Girder 5	72	0.95	1	1	5.242853
SU4_str	BOBJ1	152	Before	Interior Girder 6	72	0.95	1	1	5.136192
SU4_str	BOBJ1	152	Before	Right Exterior Girder	72	0.95	1	1	4.813241
SU4_str	BOBJ1	152	After	Left Exterior Girder	72	0.95	1	1	4.823312
SU4_str	BOBJ1	152	After	Interior Girder 1	72	0.95	1	1	5.094625
SU4_str	BOBJ1	152	After	Interior Girder 2	72	0.95	1	1	5.190439
SU4_str	BOBJ1	152	After	Interior Girder 3	72	0.95	1	1	4.986833
SU4_str	BOBJ1	152	After	Interior Girder 4	72	0.95	1	1	4.984204
SU4_str	BOBJ1	152	After	Interior Girder 5	72	0.95	1	1	5.183918
SU4_str	BOBJ1	152	After	Interior Girder 6	72	0.95	1	1	5.096181
SU4_str	BOBJ1	152	After	Right Exterior Girder	72	0.95	1	1	4.828055
SU4_str	BOBJ1	154	Before	Left Exterior Girder	74	0.95	1	1	4.218638
SU4_str	BOBJ1	154	Before	Right Exterior Girder	74	0.95	1	1	4.223049
SU4_str	BOBJ1	154	After	Left Exterior Girder	74	0.95	1	1	6.618021
SU4_str	BOBJ1	154	After	Right Exterior Girder	74	0.95	1	1	6.625096
SU4_str	BOBJ1	160	Before	Left Exterior Girder	80	0.95	1	1	4.548954
SU4_str	BOBJ1	160	Before	Interior Girder 1	80	0.95	1	1	3.289103
SU4_str	BOBJ1	160	Before	Interior Girder 2	80	0.95	1	1	3.243133
SU4_str	BOBJ1	160	Before	Interior Girder 3	80	0.95	1	1	2.678111
SU4_str	BOBJ1	160	Before	Interior Girder 4	80	0.95	1	1	2.684371
SU4_str	BOBJ1	160	Before	Interior Girder 5	80	0.95	1	1	3.236457
SU4_str	BOBJ1	160	Before	Interior Girder 6	80	0.95	1	1	3.290616
SU4_str	BOBJ1	160	Before	Right Exterior Girder	80	0.95	1	1	4.553882
SU4_str	BOBJ1	160	After	Left Exterior Girder	0	0.95	1	1	4.508116
SU4_str	BOBJ1	160	After	Interior Girder 1	0	0.95	1	1	3.207461
SU4_str	BOBJ1	160	After	Interior Girder 2	0	0.95	1	1	3.174482
SU4_str	BOBJ1	160	After	Interior Girder 3	0	0.95	1	1	2.626206
SU4_str	BOBJ1	160	After	Interior Girder 4	0	0.95	1	1	2.630563
SU4_str	BOBJ1	160	After	Interior Girder 5	0	0.95	1	1	3.167238
SU4_str	BOBJ1	160	After	Interior Girder 6	0	0.95	1	1	3.21237
SU4_str	BOBJ1	160	After	Right Exterior Girder	0	0.95	1	1	4.513554
SU4_str	BOBJ1	166	Before	Left Exterior Girder	6	0.95	1	1	6.740936

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelINonCompStrgth-Flx - Approach, Span 4-E									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
SU4_str	BOBJ1	166	Before	Right Exterior Girder	6	0.95	1	1	6.748235
SU4_str	BOBJ1	166	After	Left Exterior Girder	6	0.95	1	1	4.354053
SU4_str	BOBJ1	166	After	Right Exterior Girder	6	0.95	1	1	4.358712
SU4_str	BOBJ1	168	Before	Left Exterior Girder	8	0.95	1	1	5.011001
SU4_str	BOBJ1	168	Before	Interior Girder 1	8	0.95	1	1	5.537826
SU4_str	BOBJ1	168	Before	Interior Girder 2	8	0.95	1	1	5.621083
SU4_str	BOBJ1	168	Before	Interior Girder 3	8	0.95	1	1	5.411167
SU4_str	BOBJ1	168	Before	Interior Girder 4	8	0.95	1	1	5.407981
SU4_str	BOBJ1	168	Before	Interior Girder 5	8	0.95	1	1	5.613849
SU4_str	BOBJ1	168	Before	Interior Girder 6	8	0.95	1	1	5.539632
SU4_str	BOBJ1	168	Before	Right Exterior Girder	8	0.95	1	1	5.016039
SU4_str	BOBJ1	168	After	Left Exterior Girder	8	0.95	1	1	4.953119
SU4_str	BOBJ1	168	After	Interior Girder 1	8	0.95	1	1	5.634913
SU4_str	BOBJ1	168	After	Interior Girder 2	8	0.95	1	1	5.687882
SU4_str	BOBJ1	168	After	Interior Girder 3	8	0.95	1	1	5.447969
SU4_str	BOBJ1	168	After	Interior Girder 4	8	0.95	1	1	5.445227
SU4_str	BOBJ1	168	After	Interior Girder 5	8	0.95	1	1	5.680813
SU4_str	BOBJ1	168	After	Interior Girder 6	8	0.95	1	1	5.636679
SU4_str	BOBJ1	168	After	Right Exterior Girder	8	0.95	1	1	4.958192
SU4_str	BOBJ1	170	Before	Interior Girder 1	10	0.95	1	1	6.205264
SU4_str	BOBJ1	170	Before	Interior Girder 2	10	0.95	1	1	6.267834
SU4_str	BOBJ1	170	Before	Interior Girder 3	10	0.95	1	1	6.141952
SU4_str	BOBJ1	170	Before	Interior Girder 4	10	0.95	1	1	6.138766
SU4_str	BOBJ1	170	Before	Interior Girder 5	10	0.95	1	1	6.26085
SU4_str	BOBJ1	170	Before	Interior Girder 6	10	0.95	1	1	6.206741
SU4_str	BOBJ1	170	After	Interior Girder 1	10	0.95	1	1	2.911756
SU4_str	BOBJ1	170	After	Interior Girder 2	10	0.95	1	1	3.018495
SU4_str	BOBJ1	170	After	Interior Girder 3	10	0.95	1	1	2.912931
SU4_str	BOBJ1	170	After	Interior Girder 4	10	0.95	1	1	2.911557
SU4_str	BOBJ1	170	After	Interior Girder 5	10	0.95	1	1	3.014973
SU4_str	BOBJ1	170	After	Interior Girder 6	10	0.95	1	1	2.91258
SU4_str	BOBJ1	176	Before	Left Exterior Girder	16	0.95	1	1	7.350799
SU4_str	BOBJ1	176	Before	Interior Girder 1	16	0.95	1	1	4.139628
SU4_str	BOBJ1	176	Before	Interior Girder 2	16	0.95	1	1	3.609417
SU4_str	BOBJ1	176	Before	Interior Girder 3	16	0.95	1	1	3.528774
SU4_str	BOBJ1	176	Before	Interior Girder 4	16	0.95	1	1	3.534886
SU4_str	BOBJ1	176	Before	Interior Girder 5	16	0.95	1	1	3.609322
SU4_str	BOBJ1	176	Before	Interior Girder 6	16	0.95	1	1	4.139419
SU4_str	BOBJ1	176	Before	Right Exterior Girder	16	0.95	1	1	7.356994
SU4_str	BOBJ1	176	After	Left Exterior Girder	16	0.95	1	1	7.634028
SU4_str	BOBJ1	176	After	Interior Girder 1	16	0.95	1	1	4.068582
SU4_str	BOBJ1	176	After	Interior Girder 2	16	0.95	1	1	3.586665
SU4_str	BOBJ1	176	After	Interior Girder 3	16	0.95	1	1	3.574691
SU4_str	BOBJ1	176	After	Interior Girder 4	16	0.95	1	1	3.577329
SU4_str	BOBJ1	176	After	Interior Girder 5	16	0.95	1	1	3.586588
SU4_str	BOBJ1	176	After	Interior Girder 6	16	0.95	1	1	4.067431
SU4_str	BOBJ1	176	After	Right Exterior Girder	16	0.95	1	1	7.640495
SU4_str	BOBJ1	181	Before	Interior Girder 1	21	0.95	1	1	2.372334
SU4_str	BOBJ1	181	Before	Interior Girder 2	21	0.95	1	1	2.236447
SU4_str	BOBJ1	181	Before	Interior Girder 3	21	0.95	1	1	2.1924
SU4_str	BOBJ1	181	Before	Interior Girder 4	21	0.95	1	1	2.202705
SU4_str	BOBJ1	181	Before	Interior Girder 5	21	0.95	1	1	2.231513
SU4_str	BOBJ1	181	Before	Interior Girder 6	21	0.95	1	1	2.377575
SU4_str	BOBJ1	181	After	Interior Girder 1	21	0.95	1	1	4.215318
SU4_str	BOBJ1	181	After	Interior Girder 2	21	0.95	1	1	3.944213
SU4_str	BOBJ1	181	After	Interior Girder 3	21	0.95	1	1	3.957889
SU4_str	BOBJ1	181	After	Interior Girder 4	21	0.95	1	1	3.976734
SU4_str	BOBJ1	181	After	Interior Girder 5	21	0.95	1	1	3.935322
SU4_str	BOBJ1	181	After	Interior Girder 6	21	0.95	1	1	4.224859
SU4_str	BOBJ1	184	Before	Left Exterior Girder	24	0.95	1	1	4.22516
SU4_str	BOBJ1	184	Before	Interior Girder 1	24	0.95	1	1	3.447045
SU4_str	BOBJ1	184	Before	Interior Girder 2	24	0.95	1	1	3.289632
SU4_str	BOBJ1	184	Before	Interior Girder 3	24	0.95	1	1	3.297792
SU4_str	BOBJ1	184	Before	Interior Girder 4	24	0.95	1	1	3.311232
SU4_str	BOBJ1	184	Before	Interior Girder 5	24	0.95	1	1	3.280899

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelINonCompStrgth-Flx - Approach, Span 4-E									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
SU4_str	BOBJ1	184	Before	Interior Girder 6	24	0.95	1	1	3.456059
SU4_str	BOBJ1	184	Before	Right Exterior Girder	24	0.95	1	1	4.229131
SU4_str	BOBJ1	184	After	Left Exterior Girder	24	0.95	1	1	4.327732
SU4_str	BOBJ1	184	After	Interior Girder 1	24	0.95	1	1	3.396186
SU4_str	BOBJ1	184	After	Interior Girder 2	24	0.95	1	1	3.28892
SU4_str	BOBJ1	184	After	Interior Girder 3	24	0.95	1	1	3.316803
SU4_str	BOBJ1	184	After	Interior Girder 4	24	0.95	1	1	3.334666
SU4_str	BOBJ1	184	After	Interior Girder 5	24	0.95	1	1	3.281596
SU4_str	BOBJ1	184	After	Interior Girder 6	24	0.95	1	1	3.404831
SU4_str	BOBJ1	184	After	Right Exterior Girder	24	0.95	1	1	4.331693
SU4_str	BOBJ1	192	Before	Left Exterior Girder	32	0.95	1	1	2.747726
SU4_str	BOBJ1	192	Before	Interior Girder 1	32	0.95	1	1	2.423594
SU4_str	BOBJ1	192	Before	Interior Girder 2	32	0.95	1	1	2.428357
SU4_str	BOBJ1	192	Before	Interior Girder 3	32	0.95	1	1	2.501563
SU4_str	BOBJ1	192	Before	Interior Girder 4	32	0.95	1	1	2.502947
SU4_str	BOBJ1	192	Before	Interior Girder 5	32	0.95	1	1	2.426531
SU4_str	BOBJ1	192	Before	Interior Girder 6	32	0.95	1	1	2.423423
SU4_str	BOBJ1	192	Before	Right Exterior Girder	32	0.95	1	1	2.751073
SU4_str	BOBJ1	192	After	Left Exterior Girder	32	0.95	1	1	2.801926
SU4_str	BOBJ1	192	After	Interior Girder 1	32	0.95	1	1	2.391319
SU4_str	BOBJ1	192	After	Interior Girder 2	32	0.95	1	1	2.417737
SU4_str	BOBJ1	192	After	Interior Girder 3	32	0.95	1	1	2.497816
SU4_str	BOBJ1	192	After	Interior Girder 4	32	0.95	1	1	2.499626
SU4_str	BOBJ1	192	After	Interior Girder 5	32	0.95	1	1	2.416567
SU4_str	BOBJ1	192	After	Interior Girder 6	32	0.95	1	1	2.391228
SU4_str	BOBJ1	192	After	Right Exterior Girder	32	0.95	1	1	2.805236
SU4_str	BOBJ1	200	Before	Left Exterior Girder	40	0.95	1	1	2.310492
SU4_str	BOBJ1	200	Before	Interior Girder 1	40	0.95	1	1	1.885615
SU4_str	BOBJ1	200	Before	Interior Girder 2	40	0.95	1	1	1.9294
SU4_str	BOBJ1	200	Before	Interior Girder 3	40	0.95	1	1	2.002143
SU4_str	BOBJ1	200	Before	Interior Girder 4	40	0.95	1	1	2.008277
SU4_str	BOBJ1	200	Before	Interior Girder 5	40	0.95	1	1	1.925371
SU4_str	BOBJ1	200	Before	Interior Girder 6	40	0.95	1	1	1.889318
SU4_str	BOBJ1	200	Before	Right Exterior Girder	40	0.95	1	1	2.312429
SU4_str	BOBJ1	200	After	Left Exterior Girder	40	0.95	1	1	2.329724
SU4_str	BOBJ1	200	After	Interior Girder 1	40	0.95	1	1	1.874156
SU4_str	BOBJ1	200	After	Interior Girder 2	40	0.95	1	1	1.928592
SU4_str	BOBJ1	200	After	Interior Girder 3	40	0.95	1	1	2.001176
SU4_str	BOBJ1	200	After	Interior Girder 4	40	0.95	1	1	2.009411
SU4_str	BOBJ1	200	After	Interior Girder 5	40	0.95	1	1	1.924609
SU4_str	BOBJ1	200	After	Interior Girder 6	40	0.95	1	1	1.877787
SU4_str	BOBJ1	200	After	Right Exterior Girder	40	0.95	1	1	2.33164
SU4_str	BOBJ1	208	Before	Left Exterior Girder	48	0.95	1	1	2.135902
SU4_str	BOBJ1	208	Before	Interior Girder 1	48	0.95	1	1	1.822299
SU4_str	BOBJ1	208	Before	Interior Girder 2	48	0.95	1	1	1.889529
SU4_str	BOBJ1	208	Before	Interior Girder 3	48	0.95	1	1	1.972935
SU4_str	BOBJ1	208	Before	Interior Girder 4	48	0.95	1	1	1.973827
SU4_str	BOBJ1	208	Before	Interior Girder 5	48	0.95	1	1	1.888315
SU4_str	BOBJ1	208	Before	Interior Girder 6	48	0.95	1	1	1.822215
SU4_str	BOBJ1	208	Before	Right Exterior Girder	48	0.95	1	1	2.138345
SU4_str	BOBJ1	208	After	Left Exterior Girder	48	0.95	1	1	2.126464
SU4_str	BOBJ1	208	After	Interior Girder 1	48	0.95	1	1	1.822768
SU4_str	BOBJ1	208	After	Interior Girder 2	48	0.95	1	1	1.892338
SU4_str	BOBJ1	208	After	Interior Girder 3	48	0.95	1	1	1.972525
SU4_str	BOBJ1	208	After	Interior Girder 4	48	0.95	1	1	1.973089
SU4_str	BOBJ1	208	After	Interior Girder 5	48	0.95	1	1	1.891021
SU4_str	BOBJ1	208	After	Interior Girder 6	48	0.95	1	1	1.822655
SU4_str	BOBJ1	208	After	Right Exterior Girder	48	0.95	1	1	2.129079
SU4_str	BOBJ1	216	Before	Left Exterior Girder	56	0.95	1	1	2.502919
SU4_str	BOBJ1	216	Before	Interior Girder 1	56	0.95	1	1	1.984897
SU4_str	BOBJ1	216	Before	Interior Girder 2	56	0.95	1	1	2.022095
SU4_str	BOBJ1	216	Before	Interior Girder 3	56	0.95	1	1	2.082395
SU4_str	BOBJ1	216	Before	Interior Girder 4	56	0.95	1	1	2.090922
SU4_str	BOBJ1	216	Before	Interior Girder 5	56	0.95	1	1	2.017676
SU4_str	BOBJ1	216	Before	Interior Girder 6	56	0.95	1	1	1.988949

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelINonCompStrgth-Flx - Approach, Span 4-E									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
SU4_str	BOBJ1	216	Before	Right Exterior Girder	56	0.95	1	1	2.504923
SU4_str	BOBJ1	216	After	Left Exterior Girder	56	0.95	1	1	2.465237
SU4_str	BOBJ1	216	After	Interior Girder 1	56	0.95	1	1	1.996747
SU4_str	BOBJ1	216	After	Interior Girder 2	56	0.95	1	1	2.024702
SU4_str	BOBJ1	216	After	Interior Girder 3	56	0.95	1	1	2.065249
SU4_str	BOBJ1	216	After	Interior Girder 4	56	0.95	1	1	2.071376
SU4_str	BOBJ1	216	After	Interior Girder 5	56	0.95	1	1	2.020158
SU4_str	BOBJ1	216	After	Interior Girder 6	56	0.95	1	1	2.000922
SU4_str	BOBJ1	216	After	Right Exterior Girder	56	0.95	1	1	2.467356
SU4_str	BOBJ1	224	Before	Left Exterior Girder	64	0.95	1	1	3.376378
SU4_str	BOBJ1	224	Before	Interior Girder 1	64	0.95	1	1	2.859231
SU4_str	BOBJ1	224	Before	Interior Girder 2	64	0.95	1	1	2.797934
SU4_str	BOBJ1	224	Before	Interior Girder 3	64	0.95	1	1	2.864154
SU4_str	BOBJ1	224	Before	Interior Girder 4	64	0.95	1	1	2.866504
SU4_str	BOBJ1	224	Before	Interior Girder 5	64	0.95	1	1	2.797076
SU4_str	BOBJ1	224	Before	Interior Girder 6	64	0.95	1	1	2.858924
SU4_str	BOBJ1	224	Before	Right Exterior Girder	64	0.95	1	1	3.379822
SU4_str	BOBJ1	224	After	Left Exterior Girder	64	0.95	1	1	3.291041
SU4_str	BOBJ1	224	After	Interior Girder 1	64	0.95	1	1	2.896853
SU4_str	BOBJ1	224	After	Interior Girder 2	64	0.95	1	1	2.795959
SU4_str	BOBJ1	224	After	Interior Girder 3	64	0.95	1	1	2.813216
SU4_str	BOBJ1	224	After	Interior Girder 4	64	0.95	1	1	2.814709
SU4_str	BOBJ1	224	After	Interior Girder 5	64	0.95	1	1	2.793683
SU4_str	BOBJ1	224	After	Interior Girder 6	64	0.95	1	1	2.896728
SU4_str	BOBJ1	224	After	Right Exterior Girder	64	0.95	1	1	3.294749
SU4_str	BOBJ1	232	Before	Left Exterior Girder	72	0.95	1	1	7.014102
SU4_str	BOBJ1	232	Before	Interior Girder 1	72	0.95	1	1	5.2003
SU4_str	BOBJ1	232	Before	Interior Girder 2	72	0.95	1	1	4.915319
SU4_str	BOBJ1	232	Before	Interior Girder 3	72	0.95	1	1	4.923288
SU4_str	BOBJ1	232	Before	Interior Girder 4	72	0.95	1	1	4.945432
SU4_str	BOBJ1	232	Before	Interior Girder 5	72	0.95	1	1	4.907013
SU4_str	BOBJ1	232	Before	Interior Girder 6	72	0.95	1	1	5.214061
SU4_str	BOBJ1	232	Before	Right Exterior Girder	72	0.95	1	1	7.02137
SU4_str	BOBJ1	232	After	Left Exterior Girder	72	0.95	1	1	6.96769
SU4_str	BOBJ1	232	After	Interior Girder 1	72	0.95	1	1	5.172248
SU4_str	BOBJ1	232	After	Interior Girder 2	72	0.95	1	1	4.839772
SU4_str	BOBJ1	232	After	Interior Girder 3	72	0.95	1	1	4.699762
SU4_str	BOBJ1	232	After	Interior Girder 4	72	0.95	1	1	4.723063
SU4_str	BOBJ1	232	After	Interior Girder 5	72	0.95	1	1	4.827902
SU4_str	BOBJ1	232	After	Interior Girder 6	72	0.95	1	1	5.189274
SU4_str	BOBJ1	232	After	Right Exterior Girder	72	0.95	1	1	6.974996
SU4_str	BOBJ1	240	Before	Left Exterior Girder	80	0.95	1	1	65.485951
SU4_str	BOBJ1	240	Before	Interior Girder 1	80	0.95	1	1	38.231347
SU4_str	BOBJ1	240	Before	Interior Girder 2	80	0.95	1	1	32.092315
SU4_str	BOBJ1	240	Before	Interior Girder 3	80	0.95	1	1	22.135842
SU4_str	BOBJ1	240	Before	Interior Girder 4	80	0.95	1	1	22.425388
SU4_str	BOBJ1	240	Before	Interior Girder 5	80	0.95	1	1	31.777154
SU4_str	BOBJ1	240	Before	Interior Girder 6	80	0.95	1	1	38.231347
SU4_str	BOBJ1	240	Before	Right Exterior Girder	80	0.95	1	1	65.23265
SU5_str	BOBJ1	0	After	Left Exterior Girder	0	0.95	1	1	445.524608
SU5_str	BOBJ1	0	After	Interior Girder 1	0	0.95	1	1	374.372092
SU5_str	BOBJ1	0	After	Interior Girder 2	0	0.95	1	1	343.501984
SU5_str	BOBJ1	0	After	Interior Girder 3	0	0.95	1	1	221.596033
SU5_str	BOBJ1	0	After	Interior Girder 4	0	0.95	1	1	225.091412
SU5_str	BOBJ1	0	After	Interior Girder 5	0	0.95	1	1	340.619916
SU5_str	BOBJ1	0	After	Interior Girder 6	0	0.95	1	1	358.327571
SU5_str	BOBJ1	0	After	Right Exterior Girder	0	0.95	1	1	445.524607
SU5_str	BOBJ1	8	Before	Left Exterior Girder	8	0.95	1	1	6.364921
SU5_str	BOBJ1	8	Before	Interior Girder 1	8	0.95	1	1	4.910294
SU5_str	BOBJ1	8	Before	Interior Girder 2	8	0.95	1	1	4.620547
SU5_str	BOBJ1	8	Before	Interior Girder 3	8	0.95	1	1	4.30425
SU5_str	BOBJ1	8	Before	Interior Girder 4	8	0.95	1	1	4.32663
SU5_str	BOBJ1	8	Before	Interior Girder 5	8	0.95	1	1	4.606462
SU5_str	BOBJ1	8	Before	Interior Girder 6	8	0.95	1	1	4.928614
SU5_str	BOBJ1	8	Before	Right Exterior Girder	8	0.95	1	1	6.372727

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelINonCompStrgth-Flx - Approach, Span 4-E									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
SU5_str	BOBJ1	8	After	Left Exterior Girder	8	0.95	1	1	6.452842
SU5_str	BOBJ1	8	After	Interior Girder 1	8	0.95	1	1	4.892759
SU5_str	BOBJ1	8	After	Interior Girder 2	8	0.95	1	1	4.718385
SU5_str	BOBJ1	8	After	Interior Girder 3	8	0.95	1	1	4.47815
SU5_str	BOBJ1	8	After	Interior Girder 4	8	0.95	1	1	4.501113
SU5_str	BOBJ1	8	After	Interior Girder 5	8	0.95	1	1	4.705589
SU5_str	BOBJ1	8	After	Interior Girder 6	8	0.95	1	1	4.909147
SU5_str	BOBJ1	8	After	Right Exterior Girder	8	0.95	1	1	6.459592
SU5_str	BOBJ1	16	Before	Left Exterior Girder	16	0.95	1	1	2.950332
SU5_str	BOBJ1	16	Before	Interior Girder 1	16	0.95	1	1	2.894684
SU5_str	BOBJ1	16	Before	Interior Girder 2	16	0.95	1	1	2.762731
SU5_str	BOBJ1	16	Before	Interior Girder 3	16	0.95	1	1	2.728065
SU5_str	BOBJ1	16	Before	Interior Girder 4	16	0.95	1	1	2.727172
SU5_str	BOBJ1	16	Before	Interior Girder 5	16	0.95	1	1	2.760801
SU5_str	BOBJ1	16	Before	Interior Girder 6	16	0.95	1	1	2.894474
SU5_str	BOBJ1	16	Before	Right Exterior Girder	16	0.95	1	1	2.953857
SU5_str	BOBJ1	16	After	Left Exterior Girder	16	0.95	1	1	3.014055
SU5_str	BOBJ1	16	After	Interior Girder 1	16	0.95	1	1	2.856979
SU5_str	BOBJ1	16	After	Interior Girder 2	16	0.95	1	1	2.76571
SU5_str	BOBJ1	16	After	Interior Girder 3	16	0.95	1	1	2.762724
SU5_str	BOBJ1	16	After	Interior Girder 4	16	0.95	1	1	2.763537
SU5_str	BOBJ1	16	After	Interior Girder 5	16	0.95	1	1	2.764438
SU5_str	BOBJ1	16	After	Interior Girder 6	16	0.95	1	1	2.856596
SU5_str	BOBJ1	16	After	Right Exterior Girder	16	0.95	1	1	3.017384
SU5_str	BOBJ1	20.5	Before	Left Exterior Girder	20.5	0.95	1	1	2.42685
SU5_str	BOBJ1	20.5	Before	Right Exterior Girder	20.5	0.95	1	1	2.429363
SU5_str	BOBJ1	20.5	After	Left Exterior Girder	20.5	0.95	1	1	3.595278
SU5_str	BOBJ1	20.5	After	Right Exterior Girder	20.5	0.95	1	1	3.59884
SU5_str	BOBJ1	24	Before	Left Exterior Girder	24	0.95	1	1	3.211601
SU5_str	BOBJ1	24	Before	Interior Girder 1	24	0.95	1	1	2.045053
SU5_str	BOBJ1	24	Before	Interior Girder 2	24	0.95	1	1	2.037379
SU5_str	BOBJ1	24	Before	Interior Girder 3	24	0.95	1	1	2.059611
SU5_str	BOBJ1	24	Before	Interior Girder 4	24	0.95	1	1	2.065367
SU5_str	BOBJ1	24	Before	Interior Girder 5	24	0.95	1	1	2.032958
SU5_str	BOBJ1	24	Before	Interior Girder 6	24	0.95	1	1	2.049048
SU5_str	BOBJ1	24	Before	Right Exterior Girder	24	0.95	1	1	3.214561
SU5_str	BOBJ1	24	After	Left Exterior Girder	24	0.95	1	1	3.214212
SU5_str	BOBJ1	24	After	Interior Girder 1	24	0.95	1	1	2.054126
SU5_str	BOBJ1	24	After	Interior Girder 2	24	0.95	1	1	2.034724
SU5_str	BOBJ1	24	After	Interior Girder 3	24	0.95	1	1	2.071999
SU5_str	BOBJ1	24	After	Interior Girder 4	24	0.95	1	1	2.077903
SU5_str	BOBJ1	24	After	Interior Girder 5	24	0.95	1	1	2.030414
SU5_str	BOBJ1	24	After	Interior Girder 6	24	0.95	1	1	2.058054
SU5_str	BOBJ1	24	After	Right Exterior Girder	24	0.95	1	1	3.217064
SU5_str	BOBJ1	32	Before	Left Exterior Girder	32	0.95	1	1	2.745502
SU5_str	BOBJ1	32	Before	Interior Girder 1	32	0.95	1	1	1.937597
SU5_str	BOBJ1	32	Before	Interior Girder 2	32	0.95	1	1	1.928804
SU5_str	BOBJ1	32	Before	Interior Girder 3	32	0.95	1	1	1.983678
SU5_str	BOBJ1	32	Before	Interior Girder 4	32	0.95	1	1	1.983833
SU5_str	BOBJ1	32	Before	Interior Girder 5	32	0.95	1	1	1.92759
SU5_str	BOBJ1	32	Before	Interior Girder 6	32	0.95	1	1	1.937404
SU5_str	BOBJ1	32	Before	Right Exterior Girder	32	0.95	1	1	2.748923
SU5_str	BOBJ1	32	After	Left Exterior Girder	32	0.95	1	1	2.754899
SU5_str	BOBJ1	32	After	Interior Girder 1	32	0.95	1	1	1.93921
SU5_str	BOBJ1	32	After	Interior Girder 2	32	0.95	1	1	1.925208
SU5_str	BOBJ1	32	After	Interior Girder 3	32	0.95	1	1	1.981634
SU5_str	BOBJ1	32	After	Interior Girder 4	32	0.95	1	1	1.981872
SU5_str	BOBJ1	32	After	Interior Girder 5	32	0.95	1	1	1.924515
SU5_str	BOBJ1	32	After	Interior Girder 6	32	0.95	1	1	1.939022
SU5_str	BOBJ1	32	After	Right Exterior Girder	32	0.95	1	1	2.758282
SU5_str	BOBJ1	40	Before	Left Exterior Girder	40	0.95	1	1	3.000211
SU5_str	BOBJ1	40	Before	Interior Girder 1	40	0.95	1	1	1.972841
SU5_str	BOBJ1	40	Before	Interior Girder 2	40	0.95	1	1	1.968202
SU5_str	BOBJ1	40	Before	Interior Girder 3	40	0.95	1	1	2.028343
SU5_str	BOBJ1	40	Before	Interior Girder 4	40	0.95	1	1	2.034615

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelINonCompStrgth-Flx - Approach, Span 4-E									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
SU5_str	BOBJ1	40	Before	Interior Girder 5	40	0.95	1	1	1.964807
SU5_str	BOBJ1	40	Before	Interior Girder 6	40	0.95	1	1	1.9762
SU5_str	BOBJ1	40	Before	Right Exterior Girder	40	0.95	1	1	3.002862
SU5_str	BOBJ1	40	After	Left Exterior Girder	40	0.95	1	1	2.995789
SU5_str	BOBJ1	40	After	Interior Girder 1	40	0.95	1	1	1.978696
SU5_str	BOBJ1	40	After	Interior Girder 2	40	0.95	1	1	1.964444
SU5_str	BOBJ1	40	After	Interior Girder 3	40	0.95	1	1	2.020467
SU5_str	BOBJ1	40	After	Interior Girder 4	40	0.95	1	1	2.025863
SU5_str	BOBJ1	40	After	Interior Girder 5	40	0.95	1	1	1.960513
SU5_str	BOBJ1	40	After	Interior Girder 6	40	0.95	1	1	1.982353
SU5_str	BOBJ1	40	After	Right Exterior Girder	40	0.95	1	1	2.998487
SU5_str	BOBJ1	46.5	Before	Left Exterior Girder	46.5	0.95	1	1	3.421965
SU5_str	BOBJ1	46.5	Before	Right Exterior Girder	46.5	0.95	1	1	3.425738
SU5_str	BOBJ1	46.5	After	Left Exterior Girder	46.5	0.95	1	1	2.355301
SU5_str	BOBJ1	46.5	After	Right Exterior Girder	46.5	0.95	1	1	2.357963
SU5_str	BOBJ1	48	Before	Left Exterior Girder	48	0.95	1	1	2.493932
SU5_str	BOBJ1	48	Before	Interior Girder 1	48	0.95	1	1	2.435266
SU5_str	BOBJ1	48	Before	Interior Girder 2	48	0.95	1	1	2.436252
SU5_str	BOBJ1	48	Before	Interior Girder 3	48	0.95	1	1	2.492501
SU5_str	BOBJ1	48	Before	Interior Girder 4	48	0.95	1	1	2.493199
SU5_str	BOBJ1	48	Before	Interior Girder 5	48	0.95	1	1	2.435776
SU5_str	BOBJ1	48	Before	Interior Girder 6	48	0.95	1	1	2.435057
SU5_str	BOBJ1	48	Before	Right Exterior Girder	48	0.95	1	1	2.496902
SU5_str	BOBJ1	48	After	Left Exterior Girder	48	0.95	1	1	2.453458
SU5_str	BOBJ1	48	After	Interior Girder 1	48	0.95	1	1	2.46418
SU5_str	BOBJ1	48	After	Interior Girder 2	48	0.95	1	1	2.439511
SU5_str	BOBJ1	48	After	Interior Girder 3	48	0.95	1	1	2.488415
SU5_str	BOBJ1	48	After	Interior Girder 4	48	0.95	1	1	2.488999
SU5_str	BOBJ1	48	After	Interior Girder 5	48	0.95	1	1	2.43805
SU5_str	BOBJ1	48	After	Interior Girder 6	48	0.95	1	1	2.463978
SU5_str	BOBJ1	48	After	Right Exterior Girder	48	0.95	1	1	2.456444
SU5_str	BOBJ1	56	Before	Left Exterior Girder	56	0.95	1	1	3.8851
SU5_str	BOBJ1	56	Before	Interior Girder 1	56	0.95	1	1	3.373924
SU5_str	BOBJ1	56	Before	Interior Girder 2	56	0.95	1	1	3.273843
SU5_str	BOBJ1	56	Before	Interior Girder 3	56	0.95	1	1	3.314235
SU5_str	BOBJ1	56	Before	Interior Girder 4	56	0.95	1	1	3.326748
SU5_str	BOBJ1	56	Before	Interior Girder 5	56	0.95	1	1	3.267497
SU5_str	BOBJ1	56	Before	Interior Girder 6	56	0.95	1	1	3.381833
SU5_str	BOBJ1	56	Before	Right Exterior Girder	56	0.95	1	1	3.888193
SU5_str	BOBJ1	56	After	Left Exterior Girder	56	0.95	1	1	3.798659
SU5_str	BOBJ1	56	After	Interior Girder 1	56	0.95	1	1	3.427275
SU5_str	BOBJ1	56	After	Interior Girder 2	56	0.95	1	1	3.269852
SU5_str	BOBJ1	56	After	Interior Girder 3	56	0.95	1	1	3.282446
SU5_str	BOBJ1	56	After	Interior Girder 4	56	0.95	1	1	3.294482
SU5_str	BOBJ1	56	After	Interior Girder 5	56	0.95	1	1	3.261795
SU5_str	BOBJ1	56	After	Interior Girder 6	56	0.95	1	1	3.435631
SU5_str	BOBJ1	56	After	Right Exterior Girder	56	0.95	1	1	3.801879
SU5_str	BOBJ1	59	Before	Interior Girder 1	59	0.95	1	1	4.149903
SU5_str	BOBJ1	59	Before	Interior Girder 2	59	0.95	1	1	3.900234
SU5_str	BOBJ1	59	Before	Interior Girder 3	59	0.95	1	1	3.921761
SU5_str	BOBJ1	59	Before	Interior Girder 4	59	0.95	1	1	3.937621
SU5_str	BOBJ1	59	Before	Interior Girder 5	59	0.95	1	1	3.892289
SU5_str	BOBJ1	59	Before	Interior Girder 6	59	0.95	1	1	4.158882
SU5_str	BOBJ1	59	After	Interior Girder 1	59	0.95	1	1	2.117586
SU5_str	BOBJ1	59	After	Interior Girder 2	59	0.95	1	1	2.009976
SU5_str	BOBJ1	59	After	Interior Girder 3	59	0.95	1	1	1.967485
SU5_str	BOBJ1	59	After	Interior Girder 4	59	0.95	1	1	1.9755
SU5_str	BOBJ1	59	After	Interior Girder 5	59	0.95	1	1	2.005897
SU5_str	BOBJ1	59	After	Interior Girder 6	59	0.95	1	1	2.122124
SU5_str	BOBJ1	64	Before	Left Exterior Girder	64	0.95	1	1	6.780755
SU5_str	BOBJ1	64	Before	Interior Girder 1	64	0.95	1	1	3.663869
SU5_str	BOBJ1	64	Before	Interior Girder 2	64	0.95	1	1	3.272762
SU5_str	BOBJ1	64	Before	Interior Girder 3	64	0.95	1	1	3.297238
SU5_str	BOBJ1	64	Before	Interior Girder 4	64	0.95	1	1	3.294928
SU5_str	BOBJ1	64	Before	Interior Girder 5	64	0.95	1	1	3.271802

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelINonCompStrgth-Flx - Approach, Span 4-E									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
SU5_str	BOBJ1	64	Before	Interior Girder 6	64	0.95	1	1	3.662738
SU5_str	BOBJ1	64	Before	Right Exterior Girder	64	0.95	1	1	6.786571
SU5_str	BOBJ1	64	After	Left Exterior Girder	64	0.95	1	1	6.518615
SU5_str	BOBJ1	64	After	Interior Girder 1	64	0.95	1	1	3.733964
SU5_str	BOBJ1	64	After	Interior Girder 2	64	0.95	1	1	3.290557
SU5_str	BOBJ1	64	After	Interior Girder 3	64	0.95	1	1	3.249205
SU5_str	BOBJ1	64	After	Interior Girder 4	64	0.95	1	1	3.249633
SU5_str	BOBJ1	64	After	Interior Girder 5	64	0.95	1	1	3.288736
SU5_str	BOBJ1	64	After	Interior Girder 6	64	0.95	1	1	3.734309
SU5_str	BOBJ1	64	After	Right Exterior Girder	64	0.95	1	1	6.52415
SU5_str	BOBJ1	69	Before	Interior Girder 1	69	0.95	1	1	2.691718
SU5_str	BOBJ1	69	Before	Interior Girder 2	69	0.95	1	1	2.772927
SU5_str	BOBJ1	69	Before	Interior Girder 3	69	0.95	1	1	2.706924
SU5_str	BOBJ1	69	Before	Interior Girder 4	69	0.95	1	1	2.70564
SU5_str	BOBJ1	69	Before	Interior Girder 5	69	0.95	1	1	2.769966
SU5_str	BOBJ1	69	Before	Interior Girder 6	69	0.95	1	1	2.692383
SU5_str	BOBJ1	69	After	Interior Girder 1	69	0.95	1	1	5.87972
SU5_str	BOBJ1	69	After	Interior Girder 2	69	0.95	1	1	5.95188
SU5_str	BOBJ1	69	After	Interior Girder 3	69	0.95	1	1	5.876657
SU5_str	BOBJ1	69	After	Interior Girder 4	69	0.95	1	1	5.873645
SU5_str	BOBJ1	69	After	Interior Girder 5	69	0.95	1	1	5.945864
SU5_str	BOBJ1	69	After	Interior Girder 6	69	0.95	1	1	5.880924
SU5_str	BOBJ1	72	Before	Left Exterior Girder	72	0.95	1	1	4.516456
SU5_str	BOBJ1	72	Before	Interior Girder 1	72	0.95	1	1	5.140109
SU5_str	BOBJ1	72	Before	Interior Girder 2	72	0.95	1	1	5.177164
SU5_str	BOBJ1	72	Before	Interior Girder 3	72	0.95	1	1	4.958914
SU5_str	BOBJ1	72	Before	Interior Girder 4	72	0.95	1	1	4.956411
SU5_str	BOBJ1	72	Before	Interior Girder 5	72	0.95	1	1	5.171004
SU5_str	BOBJ1	72	Before	Interior Girder 6	72	0.95	1	1	5.141672
SU5_str	BOBJ1	72	Before	Right Exterior Girder	72	0.95	1	1	4.521307
SU5_str	BOBJ1	72	After	Left Exterior Girder	72	0.95	1	1	4.551533
SU5_str	BOBJ1	72	After	Interior Girder 1	72	0.95	1	1	5.065055
SU5_str	BOBJ1	72	After	Interior Girder 2	72	0.95	1	1	5.110026
SU5_str	BOBJ1	72	After	Interior Girder 3	72	0.95	1	1	4.926005
SU5_str	BOBJ1	72	After	Interior Girder 4	72	0.95	1	1	4.923075
SU5_str	BOBJ1	72	After	Interior Girder 5	72	0.95	1	1	5.103758
SU5_str	BOBJ1	72	After	Interior Girder 6	72	0.95	1	1	5.066699
SU5_str	BOBJ1	72	After	Right Exterior Girder	72	0.95	1	1	4.556549
SU5_str	BOBJ1	72.5	Before	Left Exterior Girder	72.5	0.95	1	1	4.385669
SU5_str	BOBJ1	72.5	Before	Right Exterior Girder	72.5	0.95	1	1	4.390602
SU5_str	BOBJ1	72.5	After	Left Exterior Girder	72.5	0.95	1	1	6.668562
SU5_str	BOBJ1	72.5	After	Right Exterior Girder	72.5	0.95	1	1	6.676184
SU5_str	BOBJ1	80	Before	Left Exterior Girder	80	0.95	1	1	4.531087
SU5_str	BOBJ1	80	Before	Interior Girder 1	80	0.95	1	1	3.212037
SU5_str	BOBJ1	80	Before	Interior Girder 2	80	0.95	1	1	3.084296
SU5_str	BOBJ1	80	Before	Interior Girder 3	80	0.95	1	1	2.534536
SU5_str	BOBJ1	80	Before	Interior Girder 4	80	0.95	1	1	2.538813
SU5_str	BOBJ1	80	Before	Interior Girder 5	80	0.95	1	1	3.07723
SU5_str	BOBJ1	80	Before	Interior Girder 6	80	0.95	1	1	3.213639
SU5_str	BOBJ1	80	Before	Right Exterior Girder	80	0.95	1	1	4.536752
SU5_str	BOBJ1	80	After	Left Exterior Girder	0	0.95	1	1	4.382187
SU5_str	BOBJ1	80	After	Interior Girder 1	0	0.95	1	1	3.12485
SU5_str	BOBJ1	80	After	Interior Girder 2	0	0.95	1	1	3.045527
SU5_str	BOBJ1	80	After	Interior Girder 3	0	0.95	1	1	2.512399
SU5_str	BOBJ1	80	After	Interior Girder 4	0	0.95	1	1	2.517724
SU5_str	BOBJ1	80	After	Interior Girder 5	0	0.95	1	1	3.039007
SU5_str	BOBJ1	80	After	Interior Girder 6	0	0.95	1	1	3.129511
SU5_str	BOBJ1	80	After	Right Exterior Girder	0	0.95	1	1	4.38848
SU5_str	BOBJ1	87.5	Before	Left Exterior Girder	7.5	0.95	1	1	7.088384
SU5_str	BOBJ1	87.5	Before	Right Exterior Girder	7.5	0.95	1	1	7.096014
SU5_str	BOBJ1	87.5	After	Left Exterior Girder	7.5	0.95	1	1	4.575519
SU5_str	BOBJ1	87.5	After	Right Exterior Girder	7.5	0.95	1	1	4.580306
SU5_str	BOBJ1	88	Before	Left Exterior Girder	8	0.95	1	1	4.720464
SU5_str	BOBJ1	88	Before	Interior Girder 1	8	0.95	1	1	4.953508
SU5_str	BOBJ1	88	Before	Interior Girder 2	8	0.95	1	1	4.959416

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelINonCompStrgth-Flx - Approach, Span 4-6									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
SU5_str	BOBJ1	88	Before	Interior Girder 3	8	0.95	1	1	4.705729
SU5_str	BOBJ1	88	Before	Interior Girder 4	8	0.95	1	1	4.702879
SU5_str	BOBJ1	88	Before	Interior Girder 5	8	0.95	1	1	4.953157
SU5_str	BOBJ1	88	Before	Interior Girder 6	8	0.95	1	1	4.95504
SU5_str	BOBJ1	88	Before	Right Exterior Girder	8	0.95	1	1	4.725327
SU5_str	BOBJ1	88	After	Left Exterior Girder	8	0.95	1	1	4.743476
SU5_str	BOBJ1	88	After	Interior Girder 1	8	0.95	1	1	4.97984
SU5_str	BOBJ1	88	After	Interior Girder 2	8	0.95	1	1	5.022612
SU5_str	BOBJ1	88	After	Interior Girder 3	8	0.95	1	1	4.736046
SU5_str	BOBJ1	88	After	Interior Girder 4	8	0.95	1	1	4.733663
SU5_str	BOBJ1	88	After	Interior Girder 5	8	0.95	1	1	5.016517
SU5_str	BOBJ1	88	After	Interior Girder 6	8	0.95	1	1	4.981255
SU5_str	BOBJ1	88	After	Right Exterior Girder	8	0.95	1	1	4.748187
SU5_str	BOBJ1	91	Before	Interior Girder 1	11	0.95	1	1	5.615135
SU5_str	BOBJ1	91	Before	Interior Girder 2	11	0.95	1	1	5.731936
SU5_str	BOBJ1	91	Before	Interior Girder 3	11	0.95	1	1	5.600694
SU5_str	BOBJ1	91	Before	Interior Girder 4	11	0.95	1	1	5.597768
SU5_str	BOBJ1	91	Before	Interior Girder 5	11	0.95	1	1	5.726004
SU5_str	BOBJ1	91	Before	Interior Girder 6	11	0.95	1	1	5.616212
SU5_str	BOBJ1	91	After	Interior Girder 1	11	0.95	1	1	2.296102
SU5_str	BOBJ1	91	After	Interior Girder 2	11	0.95	1	1	2.401595
SU5_str	BOBJ1	91	After	Interior Girder 3	11	0.95	1	1	2.317626
SU5_str	BOBJ1	91	After	Interior Girder 4	11	0.95	1	1	2.316528
SU5_str	BOBJ1	91	After	Interior Girder 5	11	0.95	1	1	2.399046
SU5_str	BOBJ1	91	After	Interior Girder 6	11	0.95	1	1	2.296627
SU5_str	BOBJ1	96	Before	Left Exterior Girder	16	0.95	1	1	6.98419
SU5_str	BOBJ1	96	Before	Interior Girder 1	16	0.95	1	1	3.12849
SU5_str	BOBJ1	96	Before	Interior Girder 2	16	0.95	1	1	3.29098
SU5_str	BOBJ1	96	Before	Interior Girder 3	16	0.95	1	1	3.450363
SU5_str	BOBJ1	96	Before	Interior Girder 4	16	0.95	1	1	3.448758
SU5_str	BOBJ1	96	Before	Interior Girder 5	16	0.95	1	1	3.288567
SU5_str	BOBJ1	96	Before	Interior Girder 6	16	0.95	1	1	3.128741
SU5_str	BOBJ1	96	Before	Right Exterior Girder	16	0.95	1	1	6.989882
SU5_str	BOBJ1	96	After	Left Exterior Girder	16	0.95	1	1	3.401012
SU5_str	BOBJ1	96	After	Interior Girder 1	16	0.95	1	1	3.69925
SU5_str	BOBJ1	96	After	Interior Girder 2	16	0.95	1	1	3.847978
SU5_str	BOBJ1	96	After	Interior Girder 3	16	0.95	1	1	3.982233
SU5_str	BOBJ1	96	After	Interior Girder 4	16	0.95	1	1	3.980551
SU5_str	BOBJ1	96	After	Interior Girder 5	16	0.95	1	1	3.844904
SU5_str	BOBJ1	96	After	Interior Girder 6	16	0.95	1	1	3.699666
SU5_str	BOBJ1	96	After	Right Exterior Girder	16	0.95	1	1	3.403895
SU5_str	BOBJ1	104	Before	Left Exterior Girder	24	0.95	1	1	3.209835
SU5_str	BOBJ1	104	Before	Interior Girder 1	24	0.95	1	1	2.607147
SU5_str	BOBJ1	104	Before	Interior Girder 2	24	0.95	1	1	2.481866
SU5_str	BOBJ1	104	Before	Interior Girder 3	24	0.95	1	1	2.444013
SU5_str	BOBJ1	104	Before	Interior Girder 4	24	0.95	1	1	2.455114
SU5_str	BOBJ1	104	Before	Interior Girder 5	24	0.95	1	1	2.476111
SU5_str	BOBJ1	104	Before	Interior Girder 6	24	0.95	1	1	2.614291
SU5_str	BOBJ1	104	Before	Right Exterior Girder	24	0.95	1	1	3.212915
SU5_str	BOBJ1	104	After	Left Exterior Girder	24	0.95	1	1	3.29425
SU5_str	BOBJ1	104	After	Interior Girder 1	24	0.95	1	1	2.562358
SU5_str	BOBJ1	104	After	Interior Girder 2	24	0.95	1	1	2.476981
SU5_str	BOBJ1	104	After	Interior Girder 3	24	0.95	1	1	2.476593
SU5_str	BOBJ1	104	After	Interior Girder 4	24	0.95	1	1	2.487203
SU5_str	BOBJ1	104	After	Interior Girder 5	24	0.95	1	1	2.471819
SU5_str	BOBJ1	104	After	Interior Girder 6	24	0.95	1	1	2.569115
SU5_str	BOBJ1	104	After	Right Exterior Girder	24	0.95	1	1	3.297234
SU5_str	BOBJ1	112	Before	Left Exterior Girder	32	0.95	1	1	2.109883
SU5_str	BOBJ1	112	Before	Interior Girder 1	32	0.95	1	1	2.026245
SU5_str	BOBJ1	112	Before	Interior Girder 2	32	0.95	1	1	1.998798
SU5_str	BOBJ1	112	Before	Interior Girder 3	32	0.95	1	1	2.039128
SU5_str	BOBJ1	112	Before	Interior Girder 4	32	0.95	1	1	2.038763
SU5_str	BOBJ1	112	Before	Interior Girder 5	32	0.95	1	1	1.998369
SU5_str	BOBJ1	112	Before	Interior Girder 6	32	0.95	1	1	2.025817
SU5_str	BOBJ1	112	Before	Right Exterior Girder	32	0.95	1	1	2.112867

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelINonCompStrgth-Flx - Approach, Span 4-E									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
SU5_str	BOBJ1	112	After	Left Exterior Girder	32	0.95	1	1	2.144519
SU5_str	BOBJ1	112	After	Interior Girder 1	32	0.95	1	1	2.005787
SU5_str	BOBJ1	112	After	Interior Girder 2	32	0.95	1	1	1.993986
SU5_str	BOBJ1	112	After	Interior Girder 3	32	0.95	1	1	2.042289
SU5_str	BOBJ1	112	After	Interior Girder 4	32	0.95	1	1	2.041165
SU5_str	BOBJ1	112	After	Interior Girder 5	32	0.95	1	1	1.993849
SU5_str	BOBJ1	112	After	Interior Girder 6	32	0.95	1	1	2.005382
SU5_str	BOBJ1	112	After	Right Exterior Girder	32	0.95	1	1	2.147469
SU5_str	BOBJ1	120	Before	Left Exterior Girder	40	0.95	1	1	1.988014
SU5_str	BOBJ1	120	Before	Interior Girder 1	40	0.95	1	1	1.759927
SU5_str	BOBJ1	120	Before	Interior Girder 2	40	0.95	1	1	1.757026
SU5_str	BOBJ1	120	Before	Interior Girder 3	40	0.95	1	1	1.778218
SU5_str	BOBJ1	120	Before	Interior Girder 4	40	0.95	1	1	1.784484
SU5_str	BOBJ1	120	Before	Interior Girder 5	40	0.95	1	1	1.753209
SU5_str	BOBJ1	120	Before	Interior Girder 6	40	0.95	1	1	1.763762
SU5_str	BOBJ1	120	Before	Right Exterior Girder	40	0.95	1	1	1.989767
SU5_str	BOBJ1	120	After	Left Exterior Girder	40	0.95	1	1	1.991071
SU5_str	BOBJ1	120	After	Interior Girder 1	40	0.95	1	1	1.758265
SU5_str	BOBJ1	120	After	Interior Girder 2	40	0.95	1	1	1.756419
SU5_str	BOBJ1	120	After	Interior Girder 3	40	0.95	1	1	1.778706
SU5_str	BOBJ1	120	After	Interior Girder 4	40	0.95	1	1	1.784931
SU5_str	BOBJ1	120	After	Interior Girder 5	40	0.95	1	1	1.75256
SU5_str	BOBJ1	120	After	Interior Girder 6	40	0.95	1	1	1.7621
SU5_str	BOBJ1	120	After	Right Exterior Girder	40	0.95	1	1	1.992825
SU5_str	BOBJ1	128	Before	Left Exterior Girder	48	0.95	1	1	2.107529
SU5_str	BOBJ1	128	Before	Interior Girder 1	48	0.95	1	1	1.989625
SU5_str	BOBJ1	128	Before	Interior Girder 2	48	0.95	1	1	1.980469
SU5_str	BOBJ1	128	Before	Interior Girder 3	48	0.95	1	1	2.030149
SU5_str	BOBJ1	128	Before	Interior Girder 4	48	0.95	1	1	2.02903
SU5_str	BOBJ1	128	Before	Interior Girder 5	48	0.95	1	1	1.980328
SU5_str	BOBJ1	128	Before	Interior Girder 6	48	0.95	1	1	1.989216
SU5_str	BOBJ1	128	Before	Right Exterior Girder	48	0.95	1	1	2.110419
SU5_str	BOBJ1	128	After	Left Exterior Girder	48	0.95	1	1	2.078215
SU5_str	BOBJ1	128	After	Interior Girder 1	48	0.95	1	1	2.005393
SU5_str	BOBJ1	128	After	Interior Girder 2	48	0.95	1	1	1.985165
SU5_str	BOBJ1	128	After	Interior Girder 3	48	0.95	1	1	2.027987
SU5_str	BOBJ1	128	After	Interior Girder 4	48	0.95	1	1	2.027616
SU5_str	BOBJ1	128	After	Interior Girder 5	48	0.95	1	1	1.984738
SU5_str	BOBJ1	128	After	Interior Girder 6	48	0.95	1	1	2.004969
SU5_str	BOBJ1	128	After	Right Exterior Girder	48	0.95	1	1	2.081141
SU5_str	BOBJ1	136	Before	Left Exterior Girder	56	0.95	1	1	3.173044
SU5_str	BOBJ1	136	Before	Interior Girder 1	56	0.95	1	1	2.520129
SU5_str	BOBJ1	136	Before	Interior Girder 2	56	0.95	1	1	2.445186
SU5_str	BOBJ1	136	Before	Interior Girder 3	56	0.95	1	1	2.448511
SU5_str	BOBJ1	136	Before	Interior Girder 4	56	0.95	1	1	2.45888
SU5_str	BOBJ1	136	Before	Interior Girder 5	56	0.95	1	1	2.440131
SU5_str	BOBJ1	136	Before	Interior Girder 6	56	0.95	1	1	2.526685
SU5_str	BOBJ1	136	Before	Right Exterior Girder	56	0.95	1	1	3.175939
SU5_str	BOBJ1	136	After	Left Exterior Girder	56	0.95	1	1	3.09697
SU5_str	BOBJ1	136	After	Interior Girder 1	56	0.95	1	1	2.560197
SU5_str	BOBJ1	136	After	Interior Girder 2	56	0.95	1	1	2.450402
SU5_str	BOBJ1	136	After	Interior Girder 3	56	0.95	1	1	2.418305
SU5_str	BOBJ1	136	After	Interior Girder 4	56	0.95	1	1	2.429164
SU5_str	BOBJ1	136	After	Interior Girder 5	56	0.95	1	1	2.444773
SU5_str	BOBJ1	136	After	Interior Girder 6	56	0.95	1	1	2.567108
SU5_str	BOBJ1	136	After	Right Exterior Girder	56	0.95	1	1	3.099947
SU5_str	BOBJ1	144	Before	Left Exterior Girder	64	0.95	1	1	3.368434
SU5_str	BOBJ1	144	Before	Interior Girder 1	64	0.95	1	1	3.638029
SU5_str	BOBJ1	144	Before	Interior Girder 2	64	0.95	1	1	3.8131
SU5_str	BOBJ1	144	Before	Interior Girder 3	64	0.95	1	1	3.981248
SU5_str	BOBJ1	144	Before	Interior Girder 4	64	0.95	1	1	3.979679
SU5_str	BOBJ1	144	Before	Interior Girder 5	64	0.95	1	1	3.81026
SU5_str	BOBJ1	144	Before	Interior Girder 6	64	0.95	1	1	3.63844
SU5_str	BOBJ1	144	Before	Right Exterior Girder	64	0.95	1	1	3.371162
SU5_str	BOBJ1	144	After	Left Exterior Girder	64	0.95	1	1	6.366582

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelINonCompStrgth-Flx - Approach, Span 4-E									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
SU5_str	BOBJ1	144	After	Interior Girder 1	64	0.95	1	1	3.071879
SU5_str	BOBJ1	144	After	Interior Girder 2	64	0.95	1	1	3.259935
SU5_str	BOBJ1	144	After	Interior Girder 3	64	0.95	1	1	3.449103
SU5_str	BOBJ1	144	After	Interior Girder 4	64	0.95	1	1	3.447582
SU5_str	BOBJ1	144	After	Interior Girder 5	64	0.95	1	1	3.257707
SU5_str	BOBJ1	144	After	Interior Girder 6	64	0.95	1	1	3.072143
SU5_str	BOBJ1	144	After	Right Exterior Girder	64	0.95	1	1	6.371546
SU5_str	BOBJ1	150	Before	Interior Girder 1	70	0.95	1	1	2.097525
SU5_str	BOBJ1	150	Before	Interior Girder 2	70	0.95	1	1	2.215935
SU5_str	BOBJ1	150	Before	Interior Girder 3	70	0.95	1	1	2.139431
SU5_str	BOBJ1	150	Before	Interior Girder 4	70	0.95	1	1	2.138434
SU5_str	BOBJ1	150	Before	Interior Girder 5	70	0.95	1	1	2.213612
SU5_str	BOBJ1	150	Before	Interior Girder 6	70	0.95	1	1	2.098032
SU5_str	BOBJ1	150	After	Interior Girder 1	70	0.95	1	1	4.943677
SU5_str	BOBJ1	150	After	Interior Girder 2	70	0.95	1	1	5.071591
SU5_str	BOBJ1	150	After	Interior Girder 3	70	0.95	1	1	4.962802
SU5_str	BOBJ1	150	After	Interior Girder 4	70	0.95	1	1	4.960247
SU5_str	BOBJ1	150	After	Interior Girder 5	70	0.95	1	1	5.066388
SU5_str	BOBJ1	150	After	Interior Girder 6	70	0.95	1	1	4.944684
SU5_str	BOBJ1	152	Before	Left Exterior Girder	72	0.95	1	1	4.240194
SU5_str	BOBJ1	152	Before	Interior Girder 1	72	0.95	1	1	4.523754
SU5_str	BOBJ1	152	Before	Interior Girder 2	72	0.95	1	1	4.627603
SU5_str	BOBJ1	152	Before	Interior Girder 3	72	0.95	1	1	4.423447
SU5_str	BOBJ1	152	Before	Interior Girder 4	72	0.95	1	1	4.421259
SU5_str	BOBJ1	152	Before	Interior Girder 5	72	0.95	1	1	4.62232
SU5_str	BOBJ1	152	Before	Interior Girder 6	72	0.95	1	1	4.524968
SU5_str	BOBJ1	152	Before	Right Exterior Girder	72	0.95	1	1	4.244232
SU5_str	BOBJ1	152	After	Left Exterior Girder	72	0.95	1	1	4.252268
SU5_str	BOBJ1	152	After	Interior Girder 1	72	0.95	1	1	4.488267
SU5_str	BOBJ1	152	After	Interior Girder 2	72	0.95	1	1	4.576323
SU5_str	BOBJ1	152	After	Interior Girder 3	72	0.95	1	1	4.397324
SU5_str	BOBJ1	152	After	Interior Girder 4	72	0.95	1	1	4.394727
SU5_str	BOBJ1	152	After	Interior Girder 5	72	0.95	1	1	4.570886
SU5_str	BOBJ1	152	After	Interior Girder 6	72	0.95	1	1	4.489534
SU5_str	BOBJ1	152	After	Right Exterior Girder	72	0.95	1	1	4.256446
SU5_str	BOBJ1	154	Before	Left Exterior Girder	74	0.95	1	1	3.71877
SU5_str	BOBJ1	154	Before	Right Exterior Girder	74	0.95	1	1	3.722657
SU5_str	BOBJ1	154	After	Left Exterior Girder	74	0.95	1	1	5.831756
SU5_str	BOBJ1	154	After	Right Exterior Girder	74	0.95	1	1	5.837985
SU5_str	BOBJ1	160	Before	Left Exterior Girder	80	0.95	1	1	4.019006
SU5_str	BOBJ1	160	Before	Interior Girder 1	80	0.95	1	1	2.903628
SU5_str	BOBJ1	160	Before	Interior Girder 2	80	0.95	1	1	2.864457
SU5_str	BOBJ1	160	Before	Interior Girder 3	80	0.95	1	1	2.369035
SU5_str	BOBJ1	160	Before	Interior Girder 4	80	0.95	1	1	2.373866
SU5_str	BOBJ1	160	Before	Interior Girder 5	80	0.95	1	1	2.858385
SU5_str	BOBJ1	160	Before	Interior Girder 6	80	0.95	1	1	2.90484
SU5_str	BOBJ1	160	Before	Right Exterior Girder	80	0.95	1	1	4.023676
SU5_str	BOBJ1	160	After	Left Exterior Girder	0	0.95	1	1	3.981753
SU5_str	BOBJ1	160	After	Interior Girder 1	0	0.95	1	1	2.825869
SU5_str	BOBJ1	160	After	Interior Girder 2	0	0.95	1	1	2.802276
SU5_str	BOBJ1	160	After	Interior Girder 3	0	0.95	1	1	2.319404
SU5_str	BOBJ1	160	After	Interior Girder 4	0	0.95	1	1	2.322911
SU5_str	BOBJ1	160	After	Interior Girder 5	0	0.95	1	1	2.796101
SU5_str	BOBJ1	160	After	Interior Girder 6	0	0.95	1	1	2.829741
SU5_str	BOBJ1	160	After	Right Exterior Girder	0	0.95	1	1	3.986582
SU5_str	BOBJ1	166	Before	Left Exterior Girder	6	0.95	1	1	5.975817
SU5_str	BOBJ1	166	Before	Right Exterior Girder	6	0.95	1	1	5.982941
SU5_str	BOBJ1	166	After	Left Exterior Girder	6	0.95	1	1	3.856936
SU5_str	BOBJ1	166	After	Right Exterior Girder	6	0.95	1	1	3.861467
SU5_str	BOBJ1	168	Before	Left Exterior Girder	8	0.95	1	1	4.435777
SU5_str	BOBJ1	168	Before	Interior Girder 1	8	0.95	1	1	4.903186
SU5_str	BOBJ1	168	Before	Interior Girder 2	8	0.95	1	1	4.974631
SU5_str	BOBJ1	168	Before	Interior Girder 3	8	0.95	1	1	4.789885
SU5_str	BOBJ1	168	Before	Interior Girder 4	8	0.95	1	1	4.787001
SU5_str	BOBJ1	168	Before	Interior Girder 5	8	0.95	1	1	4.968606

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelINonCompStrgth-Flx - Approach, Span 4-E									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
SU5_str	BOBJ1	168	Before	Interior Girder 6	8	0.95	1	1	4.904674
SU5_str	BOBJ1	168	Before	Right Exterior Girder	8	0.95	1	1	4.44069
SU5_str	BOBJ1	168	After	Left Exterior Girder	8	0.95	1	1	4.381923
SU5_str	BOBJ1	168	After	Interior Girder 1	8	0.95	1	1	4.990918
SU5_str	BOBJ1	168	After	Interior Girder 2	8	0.95	1	1	5.033797
SU5_str	BOBJ1	168	After	Interior Girder 3	8	0.95	1	1	4.820696
SU5_str	BOBJ1	168	After	Interior Girder 4	8	0.95	1	1	4.818193
SU5_str	BOBJ1	168	After	Interior Girder 5	8	0.95	1	1	5.0279
SU5_str	BOBJ1	168	After	Interior Girder 6	8	0.95	1	1	4.99236
SU5_str	BOBJ1	168	After	Right Exterior Girder	8	0.95	1	1	4.38666
SU5_str	BOBJ1	170	Before	Interior Girder 1	10	0.95	1	1	5.494205
SU5_str	BOBJ1	170	Before	Interior Girder 2	10	0.95	1	1	5.546433
SU5_str	BOBJ1	170	Before	Interior Girder 3	10	0.95	1	1	5.429878
SU5_str	BOBJ1	170	Before	Interior Girder 4	10	0.95	1	1	5.42702
SU5_str	BOBJ1	170	Before	Interior Girder 5	10	0.95	1	1	5.540603
SU5_str	BOBJ1	170	Before	Interior Girder 6	10	0.95	1	1	5.495418
SU5_str	BOBJ1	170	After	Interior Girder 1	10	0.95	1	1	2.57844
SU5_str	BOBJ1	170	After	Interior Girder 2	10	0.95	1	1	2.670929
SU5_str	BOBJ1	170	After	Interior Girder 3	10	0.95	1	1	2.575046
SU5_str	BOBJ1	170	After	Interior Girder 4	10	0.95	1	1	2.573792
SU5_str	BOBJ1	170	After	Interior Girder 5	10	0.95	1	1	2.667986
SU5_str	BOBJ1	170	After	Interior Girder 6	10	0.95	1	1	2.579112
SU5_str	BOBJ1	176	Before	Left Exterior Girder	16	0.95	1	1	6.50034
SU5_str	BOBJ1	176	Before	Interior Girder 1	16	0.95	1	1	3.824044
SU5_str	BOBJ1	176	Before	Interior Girder 2	16	0.95	1	1	3.327015
SU5_str	BOBJ1	176	Before	Interior Girder 3	16	0.95	1	1	3.275919
SU5_str	BOBJ1	176	Before	Interior Girder 4	16	0.95	1	1	3.27667
SU5_str	BOBJ1	176	Before	Interior Girder 5	16	0.95	1	1	3.325431
SU5_str	BOBJ1	176	Before	Interior Girder 6	16	0.95	1	1	3.82344
SU5_str	BOBJ1	176	Before	Right Exterior Girder	16	0.95	1	1	6.505775
SU5_str	BOBJ1	176	After	Left Exterior Girder	16	0.95	1	1	6.750334
SU5_str	BOBJ1	176	After	Interior Girder 1	16	0.95	1	1	3.7574
SU5_str	BOBJ1	176	After	Interior Girder 2	16	0.95	1	1	3.310149
SU5_str	BOBJ1	176	After	Interior Girder 3	16	0.95	1	1	3.331139
SU5_str	BOBJ1	176	After	Interior Girder 4	16	0.95	1	1	3.32804
SU5_str	BOBJ1	176	After	Interior Girder 5	16	0.95	1	1	3.309516
SU5_str	BOBJ1	176	After	Interior Girder 6	16	0.95	1	1	3.754845
SU5_str	BOBJ1	176	After	Right Exterior Girder	16	0.95	1	1	6.756012
SU5_str	BOBJ1	181	Before	Interior Girder 1	21	0.95	1	1	2.154787
SU5_str	BOBJ1	181	Before	Interior Girder 2	21	0.95	1	1	2.03509
SU5_str	BOBJ1	181	Before	Interior Girder 3	21	0.95	1	1	2.001328
SU5_str	BOBJ1	181	Before	Interior Girder 4	21	0.95	1	1	2.009509
SU5_str	BOBJ1	181	Before	Interior Girder 5	21	0.95	1	1	2.030997
SU5_str	BOBJ1	181	Before	Interior Girder 6	21	0.95	1	1	2.159373
SU5_str	BOBJ1	181	After	Interior Girder 1	21	0.95	1	1	3.831308
SU5_str	BOBJ1	181	After	Interior Girder 2	21	0.95	1	1	3.587549
SU5_str	BOBJ1	181	After	Interior Girder 3	21	0.95	1	1	3.615169
SU5_str	BOBJ1	181	After	Interior Girder 4	21	0.95	1	1	3.629904
SU5_str	BOBJ1	181	After	Interior Girder 5	21	0.95	1	1	3.580272
SU5_str	BOBJ1	181	After	Interior Girder 6	21	0.95	1	1	3.839564
SU5_str	BOBJ1	184	Before	Left Exterior Girder	24	0.95	1	1	3.783632
SU5_str	BOBJ1	184	Before	Interior Girder 1	24	0.95	1	1	3.130742
SU5_str	BOBJ1	184	Before	Interior Girder 2	24	0.95	1	1	2.992317
SU5_str	BOBJ1	184	Before	Interior Girder 3	24	0.95	1	1	3.017533
SU5_str	BOBJ1	184	Before	Interior Girder 4	24	0.95	1	1	3.028924
SU5_str	BOBJ1	184	Before	Interior Girder 5	24	0.95	1	1	2.984876
SU5_str	BOBJ1	184	Before	Interior Girder 6	24	0.95	1	1	3.138379
SU5_str	BOBJ1	184	Before	Right Exterior Girder	24	0.95	1	1	3.786715
SU5_str	BOBJ1	184	After	Left Exterior Girder	24	0.95	1	1	3.872029
SU5_str	BOBJ1	184	After	Interior Girder 1	24	0.95	1	1	3.087081
SU5_str	BOBJ1	184	After	Interior Girder 2	24	0.95	1	1	2.991285
SU5_str	BOBJ1	184	After	Interior Girder 3	24	0.95	1	1	3.042411
SU5_str	BOBJ1	184	After	Interior Girder 4	24	0.95	1	1	3.054275
SU5_str	BOBJ1	184	After	Interior Girder 5	24	0.95	1	1	2.985266
SU5_str	BOBJ1	184	After	Interior Girder 6	24	0.95	1	1	3.094313

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelINonCompStrgth-Flx - Approach, Span 4-E									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
SU5_str	BOBJ1	184	After	Right Exterior Girder	24	0.95	1	1	3.875007
SU5_str	BOBJ1	192	Before	Left Exterior Girder	32	0.95	1	1	2.458381
SU5_str	BOBJ1	192	Before	Interior Girder 1	32	0.95	1	1	2.186537
SU5_str	BOBJ1	192	Before	Interior Girder 2	32	0.95	1	1	2.201062
SU5_str	BOBJ1	192	Before	Interior Girder 3	32	0.95	1	1	2.262686
SU5_str	BOBJ1	192	Before	Interior Girder 4	32	0.95	1	1	2.263163
SU5_str	BOBJ1	192	Before	Interior Girder 5	32	0.95	1	1	2.19967
SU5_str	BOBJ1	192	Before	Interior Girder 6	32	0.95	1	1	2.186374
SU5_str	BOBJ1	192	Before	Right Exterior Girder	32	0.95	1	1	2.461538
SU5_str	BOBJ1	192	After	Left Exterior Girder	32	0.95	1	1	2.507893
SU5_str	BOBJ1	192	After	Interior Girder 1	32	0.95	1	1	2.158752
SU5_str	BOBJ1	192	After	Interior Girder 2	32	0.95	1	1	2.193667
SU5_str	BOBJ1	192	After	Interior Girder 3	32	0.95	1	1	2.260745
SU5_str	BOBJ1	192	After	Interior Girder 4	32	0.95	1	1	2.26123
SU5_str	BOBJ1	192	After	Interior Girder 5	32	0.95	1	1	2.192914
SU5_str	BOBJ1	192	After	Interior Girder 6	32	0.95	1	1	2.158618
SU5_str	BOBJ1	192	After	Right Exterior Girder	32	0.95	1	1	2.510807
SU5_str	BOBJ1	200	Before	Left Exterior Girder	40	0.95	1	1	2.071093
SU5_str	BOBJ1	200	Before	Interior Girder 1	40	0.95	1	1	1.715265
SU5_str	BOBJ1	200	Before	Interior Girder 2	40	0.95	1	1	1.756304
SU5_str	BOBJ1	200	Before	Interior Girder 3	40	0.95	1	1	1.828749
SU5_str	BOBJ1	200	Before	Interior Girder 4	40	0.95	1	1	1.833592
SU5_str	BOBJ1	200	Before	Interior Girder 5	40	0.95	1	1	1.75282
SU5_str	BOBJ1	200	Before	Interior Girder 6	40	0.95	1	1	1.718411
SU5_str	BOBJ1	200	Before	Right Exterior Girder	40	0.95	1	1	2.072858
SU5_str	BOBJ1	200	After	Left Exterior Girder	40	0.95	1	1	2.087642
SU5_str	BOBJ1	200	After	Interior Girder 1	40	0.95	1	1	1.705793
SU5_str	BOBJ1	200	After	Interior Girder 2	40	0.95	1	1	1.755737
SU5_str	BOBJ1	200	After	Interior Girder 3	40	0.95	1	1	1.830287
SU5_str	BOBJ1	200	After	Interior Girder 4	40	0.95	1	1	1.835963
SU5_str	BOBJ1	200	After	Interior Girder 5	40	0.95	1	1	1.752384
SU5_str	BOBJ1	200	After	Interior Girder 6	40	0.95	1	1	1.708847
SU5_str	BOBJ1	200	After	Right Exterior Girder	40	0.95	1	1	2.089409
SU5_str	BOBJ1	208	Before	Left Exterior Girder	48	0.95	1	1	1.911226
SU5_str	BOBJ1	208	Before	Interior Girder 1	48	0.95	1	1	1.64597
SU5_str	BOBJ1	208	Before	Interior Girder 2	48	0.95	1	1	1.716776
SU5_str	BOBJ1	208	Before	Interior Girder 3	48	0.95	1	1	1.78776
SU5_str	BOBJ1	208	Before	Interior Girder 4	48	0.95	1	1	1.787949
SU5_str	BOBJ1	208	Before	Interior Girder 5	48	0.95	1	1	1.715847
SU5_str	BOBJ1	208	Before	Interior Girder 6	48	0.95	1	1	1.64586
SU5_str	BOBJ1	208	Before	Right Exterior Girder	48	0.95	1	1	1.913504
SU5_str	BOBJ1	208	After	Left Exterior Girder	48	0.95	1	1	1.90268
SU5_str	BOBJ1	208	After	Interior Girder 1	48	0.95	1	1	1.646269
SU5_str	BOBJ1	208	After	Interior Girder 2	48	0.95	1	1	1.717956
SU5_str	BOBJ1	208	After	Interior Girder 3	48	0.95	1	1	1.786207
SU5_str	BOBJ1	208	After	Interior Girder 4	48	0.95	1	1	1.786349
SU5_str	BOBJ1	208	After	Interior Girder 5	48	0.95	1	1	1.716847
SU5_str	BOBJ1	208	After	Interior Girder 6	48	0.95	1	1	1.646164
SU5_str	BOBJ1	208	After	Right Exterior Girder	48	0.95	1	1	1.904997
SU5_str	BOBJ1	216	Before	Left Exterior Girder	56	0.95	1	1	2.230301
SU5_str	BOBJ1	216	Before	Interior Girder 1	56	0.95	1	1	1.793077
SU5_str	BOBJ1	216	Before	Interior Girder 2	56	0.95	1	1	1.828972
SU5_str	BOBJ1	216	Before	Interior Girder 3	56	0.95	1	1	1.898775
SU5_str	BOBJ1	216	Before	Interior Girder 4	56	0.95	1	1	1.904553
SU5_str	BOBJ1	216	Before	Interior Girder 5	56	0.95	1	1	1.825242
SU5_str	BOBJ1	216	Before	Interior Girder 6	56	0.95	1	1	1.796435
SU5_str	BOBJ1	216	Before	Right Exterior Girder	56	0.95	1	1	2.23207
SU5_str	BOBJ1	216	After	Left Exterior Girder	56	0.95	1	1	2.195013
SU5_str	BOBJ1	216	After	Interior Girder 1	56	0.95	1	1	1.803052
SU5_str	BOBJ1	216	After	Interior Girder 2	56	0.95	1	1	1.831864
SU5_str	BOBJ1	216	After	Interior Girder 3	56	0.95	1	1	1.880498
SU5_str	BOBJ1	216	After	Interior Girder 4	56	0.95	1	1	1.885856
SU5_str	BOBJ1	216	After	Interior Girder 5	56	0.95	1	1	1.827983
SU5_str	BOBJ1	216	After	Interior Girder 6	56	0.95	1	1	1.806547
SU5_str	BOBJ1	216	After	Right Exterior Girder	56	0.95	1	1	2.197149

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelINonCompStrgth-Flx - Approach, Span 4-E									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
SU5_str	BOBJ1	224	Before	Left Exterior Girder	64	0.95	1	1	3.031322
SU5_str	BOBJ1	224	Before	Interior Girder 1	64	0.95	1	1	2.574367
SU5_str	BOBJ1	224	Before	Interior Girder 2	64	0.95	1	1	2.540031
SU5_str	BOBJ1	224	Before	Interior Girder 3	64	0.95	1	1	2.601568
SU5_str	BOBJ1	224	Before	Interior Girder 4	64	0.95	1	1	2.602166
SU5_str	BOBJ1	224	Before	Interior Girder 5	64	0.95	1	1	2.53941
SU5_str	BOBJ1	224	Before	Interior Girder 6	64	0.95	1	1	2.573908
SU5_str	BOBJ1	224	Before	Right Exterior Girder	64	0.95	1	1	3.034151
SU5_str	BOBJ1	224	After	Left Exterior Girder	64	0.95	1	1	2.951121
SU5_str	BOBJ1	224	After	Interior Girder 1	64	0.95	1	1	2.617844
SU5_str	BOBJ1	224	After	Interior Girder 2	64	0.95	1	1	2.535523
SU5_str	BOBJ1	224	After	Interior Girder 3	64	0.95	1	1	2.552777
SU5_str	BOBJ1	224	After	Interior Girder 4	64	0.95	1	1	2.553522
SU5_str	BOBJ1	224	After	Interior Girder 5	64	0.95	1	1	2.533873
SU5_str	BOBJ1	224	After	Interior Girder 6	64	0.95	1	1	2.617578
SU5_str	BOBJ1	224	After	Right Exterior Girder	64	0.95	1	1	2.9542
SU5_str	BOBJ1	232	Before	Left Exterior Girder	72	0.95	1	1	6.271409
SU5_str	BOBJ1	232	Before	Interior Girder 1	72	0.95	1	1	4.742016
SU5_str	BOBJ1	232	Before	Interior Girder 2	72	0.95	1	1	4.507557
SU5_str	BOBJ1	232	Before	Interior Girder 3	72	0.95	1	1	4.558444
SU5_str	BOBJ1	232	Before	Interior Girder 4	72	0.95	1	1	4.582282
SU5_str	BOBJ1	232	Before	Interior Girder 5	72	0.95	1	1	4.504008
SU5_str	BOBJ1	232	Before	Interior Girder 6	72	0.95	1	1	4.753788
SU5_str	BOBJ1	232	Before	Right Exterior Girder	72	0.95	1	1	6.2781
SU5_str	BOBJ1	232	After	Left Exterior Girder	72	0.95	1	1	6.2228
SU5_str	BOBJ1	232	After	Interior Girder 1	72	0.95	1	1	4.724472
SU5_str	BOBJ1	232	After	Interior Girder 2	72	0.95	1	1	4.427271
SU5_str	BOBJ1	232	After	Interior Girder 3	72	0.95	1	1	4.337254
SU5_str	BOBJ1	232	After	Interior Girder 4	72	0.95	1	1	4.359105
SU5_str	BOBJ1	232	After	Interior Girder 5	72	0.95	1	1	4.418247
SU5_str	BOBJ1	232	After	Interior Girder 6	72	0.95	1	1	4.73906
SU5_str	BOBJ1	232	After	Right Exterior Girder	72	0.95	1	1	6.230349
SU5_str	BOBJ1	240	Before	Left Exterior Girder	80	0.95	1	1	59.736992
SU5_str	BOBJ1	240	Before	Interior Girder 1	80	0.95	1	1	34.992728
SU5_str	BOBJ1	240	Before	Interior Girder 2	80	0.95	1	1	29.204564
SU5_str	BOBJ1	240	Before	Interior Girder 3	80	0.95	1	1	20.007104
SU5_str	BOBJ1	240	Before	Interior Girder 4	80	0.95	1	1	20.274004
SU5_str	BOBJ1	240	Before	Interior Girder 5	80	0.95	1	1	28.931372
SU5_str	BOBJ1	240	Before	Interior Girder 6	80	0.95	1	1	35.002038
SU5_str	BOBJ1	240	Before	Right Exterior Girder	80	0.95	1	1	59.662254
SU6_str	BOBJ1	0	After	Left Exterior Girder	0	0.95	1	1	401.380103
SU6_str	BOBJ1	0	After	Interior Girder 1	0	0.95	1	1	337.10465
SU6_str	BOBJ1	0	After	Interior Girder 2	0	0.95	1	1	314.352641
SU6_str	BOBJ1	0	After	Interior Girder 3	0	0.95	1	1	200.700826
SU6_str	BOBJ1	0	After	Interior Girder 4	0	0.95	1	1	204.286626
SU6_str	BOBJ1	0	After	Interior Girder 5	0	0.95	1	1	311.054407
SU6_str	BOBJ1	0	After	Interior Girder 6	0	0.95	1	1	326.109259
SU6_str	BOBJ1	0	After	Right Exterior Girder	0	0.95	1	1	401.380102
SU6_str	BOBJ1	8	Before	Left Exterior Girder	8	0.95	1	1	5.787448
SU6_str	BOBJ1	8	Before	Interior Girder 1	8	0.95	1	1	4.532503
SU6_str	BOBJ1	8	Before	Interior Girder 2	8	0.95	1	1	4.242083
SU6_str	BOBJ1	8	Before	Interior Girder 3	8	0.95	1	1	3.938858
SU6_str	BOBJ1	8	Before	Interior Girder 4	8	0.95	1	1	3.961427
SU6_str	BOBJ1	8	Before	Interior Girder 5	8	0.95	1	1	4.229436
SU6_str	BOBJ1	8	Before	Interior Girder 6	8	0.95	1	1	4.543767
SU6_str	BOBJ1	8	Before	Right Exterior Girder	8	0.95	1	1	5.793425
SU6_str	BOBJ1	8	After	Left Exterior Girder	8	0.95	1	1	5.881138
SU6_str	BOBJ1	8	After	Interior Girder 1	8	0.95	1	1	4.516705
SU6_str	BOBJ1	8	After	Interior Girder 2	8	0.95	1	1	4.323793
SU6_str	BOBJ1	8	After	Interior Girder 3	8	0.95	1	1	4.088327
SU6_str	BOBJ1	8	After	Interior Girder 4	8	0.95	1	1	4.111102
SU6_str	BOBJ1	8	After	Interior Girder 5	8	0.95	1	1	4.311133
SU6_str	BOBJ1	8	After	Interior Girder 6	8	0.95	1	1	4.526183
SU6_str	BOBJ1	8	After	Right Exterior Girder	8	0.95	1	1	5.887894
SU6_str	BOBJ1	16	Before	Left Exterior Girder	16	0.95	1	1	2.660491

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelINonCompStrgth-Flx - Approach, Span 4-E									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
SU6_str	BOBJ1	16	Before	Interior Girder 1	16	0.95	1	1	2.61375
SU6_str	BOBJ1	16	Before	Interior Girder 2	16	0.95	1	1	2.504842
SU6_str	BOBJ1	16	Before	Interior Girder 3	16	0.95	1	1	2.492959
SU6_str	BOBJ1	16	Before	Interior Girder 4	16	0.95	1	1	2.492536
SU6_str	BOBJ1	16	Before	Interior Girder 5	16	0.95	1	1	2.503173
SU6_str	BOBJ1	16	Before	Interior Girder 6	16	0.95	1	1	2.613692
SU6_str	BOBJ1	16	Before	Right Exterior Girder	16	0.95	1	1	2.663523
SU6_str	BOBJ1	16	After	Left Exterior Girder	16	0.95	1	1	2.718123
SU6_str	BOBJ1	16	After	Interior Girder 1	16	0.95	1	1	2.585107
SU6_str	BOBJ1	16	After	Interior Girder 2	16	0.95	1	1	2.511943
SU6_str	BOBJ1	16	After	Interior Girder 3	16	0.95	1	1	2.533251
SU6_str	BOBJ1	16	After	Interior Girder 4	16	0.95	1	1	2.53346
SU6_str	BOBJ1	16	After	Interior Girder 5	16	0.95	1	1	2.510875
SU6_str	BOBJ1	16	After	Interior Girder 6	16	0.95	1	1	2.584928
SU6_str	BOBJ1	16	After	Right Exterior Girder	16	0.95	1	1	2.721364
SU6_str	BOBJ1	20.5	Before	Left Exterior Girder	20.5	0.95	1	1	2.190138
SU6_str	BOBJ1	20.5	Before	Right Exterior Girder	20.5	0.95	1	1	2.192181
SU6_str	BOBJ1	20.5	After	Left Exterior Girder	20.5	0.95	1	1	3.246116
SU6_str	BOBJ1	20.5	After	Right Exterior Girder	20.5	0.95	1	1	3.248991
SU6_str	BOBJ1	24	Before	Left Exterior Girder	24	0.95	1	1	2.90284
SU6_str	BOBJ1	24	Before	Interior Girder 1	24	0.95	1	1	1.869931
SU6_str	BOBJ1	24	Before	Interior Girder 2	24	0.95	1	1	1.861484
SU6_str	BOBJ1	24	Before	Interior Girder 3	24	0.95	1	1	1.88309
SU6_str	BOBJ1	24	Before	Interior Girder 4	24	0.95	1	1	1.887882
SU6_str	BOBJ1	24	Before	Interior Girder 5	24	0.95	1	1	1.857609
SU6_str	BOBJ1	24	Before	Interior Girder 6	24	0.95	1	1	1.873373
SU6_str	BOBJ1	24	Before	Right Exterior Girder	24	0.95	1	1	2.90564
SU6_str	BOBJ1	24	After	Left Exterior Girder	24	0.95	1	1	2.902094
SU6_str	BOBJ1	24	After	Interior Girder 1	24	0.95	1	1	1.877479
SU6_str	BOBJ1	24	After	Interior Girder 2	24	0.95	1	1	1.856844
SU6_str	BOBJ1	24	After	Interior Girder 3	24	0.95	1	1	1.889607
SU6_str	BOBJ1	24	After	Interior Girder 4	24	0.95	1	1	1.894987
SU6_str	BOBJ1	24	After	Interior Girder 5	24	0.95	1	1	1.85301
SU6_str	BOBJ1	24	After	Interior Girder 6	24	0.95	1	1	1.880925
SU6_str	BOBJ1	24	After	Right Exterior Girder	24	0.95	1	1	2.904779
SU6_str	BOBJ1	32	Before	Left Exterior Girder	32	0.95	1	1	2.468269
SU6_str	BOBJ1	32	Before	Interior Girder 1	32	0.95	1	1	1.750735
SU6_str	BOBJ1	32	Before	Interior Girder 2	32	0.95	1	1	1.744544
SU6_str	BOBJ1	32	Before	Interior Girder 3	32	0.95	1	1	1.79224
SU6_str	BOBJ1	32	Before	Interior Girder 4	32	0.95	1	1	1.791933
SU6_str	BOBJ1	32	Before	Interior Girder 5	32	0.95	1	1	1.743352
SU6_str	BOBJ1	32	Before	Interior Girder 6	32	0.95	1	1	1.750579
SU6_str	BOBJ1	32	Before	Right Exterior Girder	32	0.95	1	1	2.47142
SU6_str	BOBJ1	32	After	Left Exterior Girder	32	0.95	1	1	2.478306
SU6_str	BOBJ1	32	After	Interior Girder 1	32	0.95	1	1	1.751498
SU6_str	BOBJ1	32	After	Interior Girder 2	32	0.95	1	1	1.739874
SU6_str	BOBJ1	32	After	Interior Girder 3	32	0.95	1	1	1.789696
SU6_str	BOBJ1	32	After	Interior Girder 4	32	0.95	1	1	1.789549
SU6_str	BOBJ1	32	After	Interior Girder 5	32	0.95	1	1	1.739061
SU6_str	BOBJ1	32	After	Interior Girder 6	32	0.95	1	1	1.751387
SU6_str	BOBJ1	32	After	Right Exterior Girder	32	0.95	1	1	2.481417
SU6_str	BOBJ1	40	Before	Left Exterior Girder	40	0.95	1	1	2.694231
SU6_str	BOBJ1	40	Before	Interior Girder 1	40	0.95	1	1	1.780567
SU6_str	BOBJ1	40	Before	Interior Girder 2	40	0.95	1	1	1.778918
SU6_str	BOBJ1	40	Before	Interior Girder 3	40	0.95	1	1	1.839787
SU6_str	BOBJ1	40	Before	Interior Girder 4	40	0.95	1	1	1.844898
SU6_str	BOBJ1	40	Before	Interior Girder 5	40	0.95	1	1	1.775917
SU6_str	BOBJ1	40	Before	Interior Girder 6	40	0.95	1	1	1.783147
SU6_str	BOBJ1	40	Before	Right Exterior Girder	40	0.95	1	1	2.696608
SU6_str	BOBJ1	40	After	Left Exterior Girder	40	0.95	1	1	2.689307
SU6_str	BOBJ1	40	After	Interior Girder 1	40	0.95	1	1	1.789586
SU6_str	BOBJ1	40	After	Interior Girder 2	40	0.95	1	1	1.777847
SU6_str	BOBJ1	40	After	Interior Girder 3	40	0.95	1	1	1.8373
SU6_str	BOBJ1	40	After	Interior Girder 4	40	0.95	1	1	1.841875
SU6_str	BOBJ1	40	After	Interior Girder 5	40	0.95	1	1	1.77447

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelINonCompStrgth-Flx - Approach, Span 4-E									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
SU6_str	BOBJ1	40	After	Interior Girder 6	40	0.95	1	1	1.792214
SU6_str	BOBJ1	40	After	Right Exterior Girder	40	0.95	1	1	2.691749
SU6_str	BOBJ1	46.5	Before	Left Exterior Girder	46.5	0.95	1	1	3.072059
SU6_str	BOBJ1	46.5	Before	Right Exterior Girder	46.5	0.95	1	1	3.075547
SU6_str	BOBJ1	46.5	After	Left Exterior Girder	46.5	0.95	1	1	2.115654
SU6_str	BOBJ1	46.5	After	Right Exterior Girder	46.5	0.95	1	1	2.118115
SU6_str	BOBJ1	48	Before	Left Exterior Girder	48	0.95	1	1	2.250958
SU6_str	BOBJ1	48	Before	Interior Girder 1	48	0.95	1	1	2.211862
SU6_str	BOBJ1	48	Before	Interior Girder 2	48	0.95	1	1	2.217714
SU6_str	BOBJ1	48	Before	Interior Girder 3	48	0.95	1	1	2.265904
SU6_str	BOBJ1	48	Before	Interior Girder 4	48	0.95	1	1	2.266035
SU6_str	BOBJ1	48	Before	Interior Girder 5	48	0.95	1	1	2.217004
SU6_str	BOBJ1	48	Before	Interior Girder 6	48	0.95	1	1	2.211731
SU6_str	BOBJ1	48	Before	Right Exterior Girder	48	0.95	1	1	2.253745
SU6_str	BOBJ1	48	After	Left Exterior Girder	48	0.95	1	1	2.213831
SU6_str	BOBJ1	48	After	Interior Girder 1	48	0.95	1	1	2.240245
SU6_str	BOBJ1	48	After	Interior Girder 2	48	0.95	1	1	2.222529
SU6_str	BOBJ1	48	After	Interior Girder 3	48	0.95	1	1	2.262854
SU6_str	BOBJ1	48	After	Interior Girder 4	48	0.95	1	1	2.262761
SU6_str	BOBJ1	48	After	Interior Girder 5	48	0.95	1	1	2.221073
SU6_str	BOBJ1	48	After	Interior Girder 6	48	0.95	1	1	2.240063
SU6_str	BOBJ1	48	After	Right Exterior Girder	48	0.95	1	1	2.216633
SU6_str	BOBJ1	56	Before	Left Exterior Girder	56	0.95	1	1	3.527196
SU6_str	BOBJ1	56	Before	Interior Girder 1	56	0.95	1	1	3.097857
SU6_str	BOBJ1	56	Before	Interior Girder 2	56	0.95	1	1	3.00686
SU6_str	BOBJ1	56	Before	Interior Girder 3	56	0.95	1	1	3.045486
SU6_str	BOBJ1	56	Before	Interior Girder 4	56	0.95	1	1	3.056244
SU6_str	BOBJ1	56	Before	Interior Girder 5	56	0.95	1	1	3.001007
SU6_str	BOBJ1	56	Before	Interior Girder 6	56	0.95	1	1	3.104371
SU6_str	BOBJ1	56	Before	Right Exterior Girder	56	0.95	1	1	3.53013
SU6_str	BOBJ1	56	After	Left Exterior Girder	56	0.95	1	1	3.446779
SU6_str	BOBJ1	56	After	Interior Girder 1	56	0.95	1	1	3.142404
SU6_str	BOBJ1	56	After	Interior Girder 2	56	0.95	1	1	3.002975
SU6_str	BOBJ1	56	After	Interior Girder 3	56	0.95	1	1	3.022448
SU6_str	BOBJ1	56	After	Interior Girder 4	56	0.95	1	1	3.032264
SU6_str	BOBJ1	56	After	Interior Girder 5	56	0.95	1	1	2.995745
SU6_str	BOBJ1	56	After	Interior Girder 6	56	0.95	1	1	3.149424
SU6_str	BOBJ1	56	After	Right Exterior Girder	56	0.95	1	1	3.450074
SU6_str	BOBJ1	59	Before	Interior Girder 1	59	0.95	1	1	3.80585
SU6_str	BOBJ1	59	Before	Interior Girder 2	59	0.95	1	1	3.5847
SU6_str	BOBJ1	59	Before	Interior Girder 3	59	0.95	1	1	3.611799
SU6_str	BOBJ1	59	Before	Interior Girder 4	59	0.95	1	1	3.625186
SU6_str	BOBJ1	59	Before	Interior Girder 5	59	0.95	1	1	3.577451
SU6_str	BOBJ1	59	Before	Interior Girder 6	59	0.95	1	1	3.81456
SU6_str	BOBJ1	59	After	Interior Girder 1	59	0.95	1	1	1.935962
SU6_str	BOBJ1	59	After	Interior Girder 2	59	0.95	1	1	1.847023
SU6_str	BOBJ1	59	After	Interior Girder 3	59	0.95	1	1	1.814193
SU6_str	BOBJ1	59	After	Interior Girder 4	59	0.95	1	1	1.821245
SU6_str	BOBJ1	59	After	Interior Girder 5	59	0.95	1	1	1.843129
SU6_str	BOBJ1	59	After	Interior Girder 6	59	0.95	1	1	1.94044
SU6_str	BOBJ1	64	Before	Left Exterior Girder	64	0.95	1	1	6.088715
SU6_str	BOBJ1	64	Before	Interior Girder 1	64	0.95	1	1	3.381179
SU6_str	BOBJ1	64	Before	Interior Girder 2	64	0.95	1	1	3.025632
SU6_str	BOBJ1	64	Before	Interior Girder 3	64	0.95	1	1	3.05138
SU6_str	BOBJ1	64	Before	Interior Girder 4	64	0.95	1	1	3.048561
SU6_str	BOBJ1	64	Before	Interior Girder 5	64	0.95	1	1	3.024189
SU6_str	BOBJ1	64	Before	Interior Girder 6	64	0.95	1	1	3.381595
SU6_str	BOBJ1	64	Before	Right Exterior Girder	64	0.95	1	1	6.094296
SU6_str	BOBJ1	64	After	Left Exterior Girder	64	0.95	1	1	5.852976
SU6_str	BOBJ1	64	After	Interior Girder 1	64	0.95	1	1	3.346986
SU6_str	BOBJ1	64	After	Interior Girder 2	64	0.95	1	1	3.047749
SU6_str	BOBJ1	64	After	Interior Girder 3	64	0.95	1	1	3.013272
SU6_str	BOBJ1	64	After	Interior Girder 4	64	0.95	1	1	3.013098
SU6_str	BOBJ1	64	After	Interior Girder 5	64	0.95	1	1	3.045566
SU6_str	BOBJ1	64	After	Interior Girder 6	64	0.95	1	1	3.347307

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelINonCompStrgth-Flx - Approach, Span 4-E									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
SU6_str	BOBJ1	64	After	Right Exterior Girder	64	0.95	1	1	5.858298
SU6_str	BOBJ1	69	Before	Interior Girder 1	69	0.95	1	1	2.412419
SU6_str	BOBJ1	69	Before	Interior Girder 2	69	0.95	1	1	2.485584
SU6_str	BOBJ1	69	Before	Interior Girder 3	69	0.95	1	1	2.427529
SU6_str	BOBJ1	69	Before	Interior Girder 4	69	0.95	1	1	2.426319
SU6_str	BOBJ1	69	Before	Interior Girder 5	69	0.95	1	1	2.482998
SU6_str	BOBJ1	69	Before	Interior Girder 6	69	0.95	1	1	2.413044
SU6_str	BOBJ1	69	After	Interior Girder 1	69	0.95	1	1	5.269908
SU6_str	BOBJ1	69	After	Interior Girder 2	69	0.95	1	1	5.333389
SU6_str	BOBJ1	69	After	Interior Girder 3	69	0.95	1	1	5.269247
SU6_str	BOBJ1	69	After	Interior Girder 4	69	0.95	1	1	5.266369
SU6_str	BOBJ1	69	After	Interior Girder 5	69	0.95	1	1	5.328133
SU6_str	BOBJ1	69	After	Interior Girder 6	69	0.95	1	1	5.271035
SU6_str	BOBJ1	72	Before	Left Exterior Girder	72	0.95	1	1	4.057955
SU6_str	BOBJ1	72	Before	Interior Girder 1	72	0.95	1	1	4.607542
SU6_str	BOBJ1	72	Before	Interior Girder 2	72	0.95	1	1	4.640184
SU6_str	BOBJ1	72	Before	Interior Girder 3	72	0.95	1	1	4.440731
SU6_str	BOBJ1	72	Before	Interior Girder 4	72	0.95	1	1	4.438391
SU6_str	BOBJ1	72	Before	Interior Girder 5	72	0.95	1	1	4.634811
SU6_str	BOBJ1	72	Before	Interior Girder 6	72	0.95	1	1	4.609008
SU6_str	BOBJ1	72	Before	Right Exterior Girder	72	0.95	1	1	4.062132
SU6_str	BOBJ1	72	After	Left Exterior Girder	72	0.95	1	1	4.086879
SU6_str	BOBJ1	72	After	Interior Girder 1	72	0.95	1	1	4.538695
SU6_str	BOBJ1	72	After	Interior Girder 2	72	0.95	1	1	4.578668
SU6_str	BOBJ1	72	After	Interior Girder 3	72	0.95	1	1	4.408485
SU6_str	BOBJ1	72	After	Interior Girder 4	72	0.95	1	1	4.405829
SU6_str	BOBJ1	72	After	Interior Girder 5	72	0.95	1	1	4.573177
SU6_str	BOBJ1	72	After	Interior Girder 6	72	0.95	1	1	4.540254
SU6_str	BOBJ1	72	After	Right Exterior Girder	72	0.95	1	1	4.091183
SU6_str	BOBJ1	72.5	Before	Left Exterior Girder	72.5	0.95	1	1	3.937573
SU6_str	BOBJ1	72.5	Before	Right Exterior Girder	72.5	0.95	1	1	3.94181
SU6_str	BOBJ1	72.5	After	Left Exterior Girder	72.5	0.95	1	1	5.98333
SU6_str	BOBJ1	72.5	After	Right Exterior Girder	72.5	0.95	1	1	5.989859
SU6_str	BOBJ1	80	Before	Left Exterior Girder	80	0.95	1	1	4.069966
SU6_str	BOBJ1	80	Before	Interior Girder 1	80	0.95	1	1	2.876548
SU6_str	BOBJ1	80	Before	Interior Girder 2	80	0.95	1	1	2.769813
SU6_str	BOBJ1	80	Before	Interior Girder 3	80	0.95	1	1	2.273706
SU6_str	BOBJ1	80	Before	Interior Girder 4	80	0.95	1	1	2.278249
SU6_str	BOBJ1	80	Before	Interior Girder 5	80	0.95	1	1	2.763019
SU6_str	BOBJ1	80	Before	Interior Girder 6	80	0.95	1	1	2.878058
SU6_str	BOBJ1	80	Before	Right Exterior Girder	80	0.95	1	1	4.075304
SU6_str	BOBJ1	80	After	Left Exterior Girder	0	0.95	1	1	3.937064
SU6_str	BOBJ1	80	After	Interior Girder 1	0	0.95	1	1	2.796888
SU6_str	BOBJ1	80	After	Interior Girder 2	0	0.95	1	1	2.733402
SU6_str	BOBJ1	80	After	Interior Girder 3	0	0.95	1	1	2.250329
SU6_str	BOBJ1	80	After	Interior Girder 4	0	0.95	1	1	2.256452
SU6_str	BOBJ1	80	After	Interior Girder 5	0	0.95	1	1	2.727191
SU6_str	BOBJ1	80	After	Interior Girder 6	0	0.95	1	1	2.801278
SU6_str	BOBJ1	80	After	Right Exterior Girder	0	0.95	1	1	3.942581
SU6_str	BOBJ1	87.5	Before	Left Exterior Girder	7.5	0.95	1	1	6.349568
SU6_str	BOBJ1	87.5	Before	Right Exterior Girder	7.5	0.95	1	1	6.356505
SU6_str	BOBJ1	87.5	After	Left Exterior Girder	7.5	0.95	1	1	4.097351
SU6_str	BOBJ1	87.5	After	Right Exterior Girder	7.5	0.95	1	1	4.101795
SU6_str	BOBJ1	88	Before	Left Exterior Girder	8	0.95	1	1	4.226842
SU6_str	BOBJ1	88	Before	Interior Girder 1	8	0.95	1	1	4.440951
SU6_str	BOBJ1	88	Before	Interior Girder 2	8	0.95	1	1	4.446969
SU6_str	BOBJ1	88	Before	Interior Girder 3	8	0.95	1	1	4.216418
SU6_str	BOBJ1	88	Before	Interior Girder 4	8	0.95	1	1	4.21421
SU6_str	BOBJ1	88	Before	Interior Girder 5	8	0.95	1	1	4.441479
SU6_str	BOBJ1	88	Before	Interior Girder 6	8	0.95	1	1	4.442281
SU6_str	BOBJ1	88	Before	Right Exterior Girder	8	0.95	1	1	4.231358
SU6_str	BOBJ1	88	After	Left Exterior Girder	8	0.95	1	1	4.245512
SU6_str	BOBJ1	88	After	Interior Girder 1	8	0.95	1	1	4.464952
SU6_str	BOBJ1	88	After	Interior Girder 2	8	0.95	1	1	4.503405
SU6_str	BOBJ1	88	After	Interior Girder 3	8	0.95	1	1	4.245843

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelINonCompStrgth-Flx - Approach, Span 4-E									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
SU6_str	BOBJ1	88	After	Interior Girder 4	8	0.95	1	1	4.243907
SU6_str	BOBJ1	88	After	Interior Girder 5	8	0.95	1	1	4.498068
SU6_str	BOBJ1	88	After	Interior Girder 6	8	0.95	1	1	4.466186
SU6_str	BOBJ1	88	After	Right Exterior Girder	8	0.95	1	1	4.249876
SU6_str	BOBJ1	91	Before	Interior Girder 1	11	0.95	1	1	5.036137
SU6_str	BOBJ1	91	Before	Interior Girder 2	11	0.95	1	1	5.139047
SU6_str	BOBJ1	91	Before	Interior Girder 3	11	0.95	1	1	5.021255
SU6_str	BOBJ1	91	Before	Interior Girder 4	11	0.95	1	1	5.018645
SU6_str	BOBJ1	91	Before	Interior Girder 5	11	0.95	1	1	5.133849
SU6_str	BOBJ1	91	Before	Interior Girder 6	11	0.95	1	1	5.037031
SU6_str	BOBJ1	91	After	Interior Girder 1	11	0.95	1	1	2.059145
SU6_str	BOBJ1	91	After	Interior Girder 2	11	0.95	1	1	2.153775
SU6_str	BOBJ1	91	After	Interior Girder 3	11	0.95	1	1	2.078006
SU6_str	BOBJ1	91	After	Interior Girder 4	11	0.95	1	1	2.07703
SU6_str	BOBJ1	91	After	Interior Girder 5	11	0.95	1	1	2.151509
SU6_str	BOBJ1	91	After	Interior Girder 6	11	0.95	1	1	2.059577
SU6_str	BOBJ1	96	Before	Left Exterior Girder	16	0.95	1	1	6.251135
SU6_str	BOBJ1	96	Before	Interior Girder 1	16	0.95	1	1	2.805081
SU6_str	BOBJ1	96	Before	Interior Girder 2	16	0.95	1	1	2.949372
SU6_str	BOBJ1	96	Before	Interior Girder 3	16	0.95	1	1	3.093919
SU6_str	BOBJ1	96	Before	Interior Girder 4	16	0.95	1	1	3.09246
SU6_str	BOBJ1	96	Before	Interior Girder 5	16	0.95	1	1	2.947375
SU6_str	BOBJ1	96	Before	Interior Girder 6	16	0.95	1	1	2.805297
SU6_str	BOBJ1	96	Before	Right Exterior Girder	16	0.95	1	1	6.256062
SU6_str	BOBJ1	96	After	Left Exterior Girder	16	0.95	1	1	3.043351
SU6_str	BOBJ1	96	After	Interior Girder 1	16	0.95	1	1	3.317575
SU6_str	BOBJ1	96	After	Interior Girder 2	16	0.95	1	1	3.449426
SU6_str	BOBJ1	96	After	Interior Girder 3	16	0.95	1	1	3.570777
SU6_str	BOBJ1	96	After	Interior Girder 4	16	0.95	1	1	3.569212
SU6_str	BOBJ1	96	After	Interior Girder 5	16	0.95	1	1	3.446884
SU6_str	BOBJ1	96	After	Interior Girder 6	16	0.95	1	1	3.317924
SU6_str	BOBJ1	96	After	Right Exterior Girder	16	0.95	1	1	3.045863
SU6_str	BOBJ1	104	Before	Left Exterior Girder	24	0.95	1	1	2.90761
SU6_str	BOBJ1	104	Before	Interior Girder 1	24	0.95	1	1	2.394986
SU6_str	BOBJ1	104	Before	Interior Girder 2	24	0.95	1	1	2.275457
SU6_str	BOBJ1	104	Before	Interior Girder 3	24	0.95	1	1	2.245321
SU6_str	BOBJ1	104	Before	Interior Girder 4	24	0.95	1	1	2.254342
SU6_str	BOBJ1	104	Before	Interior Girder 5	24	0.95	1	1	2.270284
SU6_str	BOBJ1	104	Before	Interior Girder 6	24	0.95	1	1	2.401209
SU6_str	BOBJ1	104	Before	Right Exterior Girder	24	0.95	1	1	2.910393
SU6_str	BOBJ1	104	After	Left Exterior Girder	24	0.95	1	1	2.985759
SU6_str	BOBJ1	104	After	Interior Girder 1	24	0.95	1	1	2.350575
SU6_str	BOBJ1	104	After	Interior Girder 2	24	0.95	1	1	2.26841
SU6_str	BOBJ1	104	After	Interior Girder 3	24	0.95	1	1	2.272794
SU6_str	BOBJ1	104	After	Interior Girder 4	24	0.95	1	1	2.28225
SU6_str	BOBJ1	104	After	Interior Girder 5	24	0.95	1	1	2.263661
SU6_str	BOBJ1	104	After	Interior Girder 6	24	0.95	1	1	2.356547
SU6_str	BOBJ1	104	After	Right Exterior Girder	24	0.95	1	1	2.988439
SU6_str	BOBJ1	112	Before	Left Exterior Girder	32	0.95	1	1	1.904374
SU6_str	BOBJ1	112	Before	Interior Girder 1	32	0.95	1	1	1.839969
SU6_str	BOBJ1	112	Before	Interior Girder 2	32	0.95	1	1	1.81843
SU6_str	BOBJ1	112	Before	Interior Girder 3	32	0.95	1	1	1.852979
SU6_str	BOBJ1	112	Before	Interior Girder 4	32	0.95	1	1	1.85155
SU6_str	BOBJ1	112	Before	Interior Girder 5	32	0.95	1	1	1.817852
SU6_str	BOBJ1	112	Before	Interior Girder 6	32	0.95	1	1	1.839586
SU6_str	BOBJ1	112	Before	Right Exterior Girder	32	0.95	1	1	1.907143
SU6_str	BOBJ1	112	After	Left Exterior Girder	32	0.95	1	1	1.936402
SU6_str	BOBJ1	112	After	Interior Girder 1	32	0.95	1	1	1.820975
SU6_str	BOBJ1	112	After	Interior Girder 2	32	0.95	1	1	1.812677
SU6_str	BOBJ1	112	After	Interior Girder 3	32	0.95	1	1	1.854782
SU6_str	BOBJ1	112	After	Interior Girder 4	32	0.95	1	1	1.853348
SU6_str	BOBJ1	112	After	Interior Girder 5	32	0.95	1	1	1.812304
SU6_str	BOBJ1	112	After	Interior Girder 6	32	0.95	1	1	1.820651
SU6_str	BOBJ1	112	After	Right Exterior Girder	32	0.95	1	1	1.938988
SU6_str	BOBJ1	120	Before	Left Exterior Girder	40	0.95	1	1	1.784577

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelINonCompStrgth-Flx - Approach, Span 4-E									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
SU6_str	BOBJ1	120	Before	Interior Girder 1	40	0.95	1	1	1.593833
SU6_str	BOBJ1	120	Before	Interior Girder 2	40	0.95	1	1	1.592123
SU6_str	BOBJ1	120	Before	Interior Girder 3	40	0.95	1	1	1.622038
SU6_str	BOBJ1	120	Before	Interior Girder 4	40	0.95	1	1	1.627205
SU6_str	BOBJ1	120	Before	Interior Girder 5	40	0.95	1	1	1.588835
SU6_str	BOBJ1	120	Before	Interior Girder 6	40	0.95	1	1	1.59706
SU6_str	BOBJ1	120	Before	Right Exterior Girder	40	0.95	1	1	1.786164
SU6_str	BOBJ1	120	After	Left Exterior Girder	40	0.95	1	1	1.786971
SU6_str	BOBJ1	120	After	Interior Girder 1	40	0.95	1	1	1.59222
SU6_str	BOBJ1	120	After	Interior Girder 2	40	0.95	1	1	1.591591
SU6_str	BOBJ1	120	After	Interior Girder 3	40	0.95	1	1	1.622444
SU6_str	BOBJ1	120	After	Interior Girder 4	40	0.95	1	1	1.62762
SU6_str	BOBJ1	120	After	Interior Girder 5	40	0.95	1	1	1.588271
SU6_str	BOBJ1	120	After	Interior Girder 6	40	0.95	1	1	1.595446
SU6_str	BOBJ1	120	After	Right Exterior Girder	40	0.95	1	1	1.788558
SU6_str	BOBJ1	128	Before	Left Exterior Girder	48	0.95	1	1	1.902306
SU6_str	BOBJ1	128	Before	Interior Girder 1	48	0.95	1	1	1.806146
SU6_str	BOBJ1	128	Before	Interior Girder 2	48	0.95	1	1	1.800365
SU6_str	BOBJ1	128	Before	Interior Girder 3	48	0.95	1	1	1.843834
SU6_str	BOBJ1	128	Before	Interior Girder 4	48	0.95	1	1	1.842356
SU6_str	BOBJ1	128	Before	Interior Girder 5	48	0.95	1	1	1.799998
SU6_str	BOBJ1	128	Before	Interior Girder 6	48	0.95	1	1	1.805814
SU6_str	BOBJ1	128	Before	Right Exterior Girder	48	0.95	1	1	1.904984
SU6_str	BOBJ1	128	After	Left Exterior Girder	48	0.95	1	1	1.875028
SU6_str	BOBJ1	128	After	Interior Girder 1	48	0.95	1	1	1.820844
SU6_str	BOBJ1	128	After	Interior Girder 2	48	0.95	1	1	1.806011
SU6_str	BOBJ1	128	After	Interior Girder 3	48	0.95	1	1	1.842724
SU6_str	BOBJ1	128	After	Interior Girder 4	48	0.95	1	1	1.841243
SU6_str	BOBJ1	128	After	Interior Girder 5	48	0.95	1	1	1.805442
SU6_str	BOBJ1	128	After	Interior Girder 6	48	0.95	1	1	1.820459
SU6_str	BOBJ1	128	After	Right Exterior Girder	48	0.95	1	1	1.877743
SU6_str	BOBJ1	136	Before	Left Exterior Girder	56	0.95	1	1	2.876557
SU6_str	BOBJ1	136	Before	Interior Girder 1	56	0.95	1	1	2.312069
SU6_str	BOBJ1	136	Before	Interior Girder 2	56	0.95	1	1	2.239673
SU6_str	BOBJ1	136	Before	Interior Girder 3	56	0.95	1	1	2.247103
SU6_str	BOBJ1	136	Before	Interior Girder 4	56	0.95	1	1	2.256332
SU6_str	BOBJ1	136	Before	Interior Girder 5	56	0.95	1	1	2.235029
SU6_str	BOBJ1	136	Before	Interior Girder 6	56	0.95	1	1	2.31786
SU6_str	BOBJ1	136	Before	Right Exterior Girder	56	0.95	1	1	2.879158
SU6_str	BOBJ1	136	After	Left Exterior Girder	56	0.95	1	1	2.806034
SU6_str	BOBJ1	136	After	Interior Girder 1	56	0.95	1	1	2.352011
SU6_str	BOBJ1	136	After	Interior Girder 2	56	0.95	1	1	2.246996
SU6_str	BOBJ1	136	After	Interior Girder 3	56	0.95	1	1	2.222144
SU6_str	BOBJ1	136	After	Interior Girder 4	56	0.95	1	1	2.230955
SU6_str	BOBJ1	136	After	Interior Girder 5	56	0.95	1	1	2.24194
SU6_str	BOBJ1	136	After	Interior Girder 6	56	0.95	1	1	2.358031
SU6_str	BOBJ1	136	After	Right Exterior Girder	56	0.95	1	1	2.808724
SU6_str	BOBJ1	144	Before	Left Exterior Girder	64	0.95	1	1	3.013961
SU6_str	BOBJ1	144	Before	Interior Girder 1	64	0.95	1	1	3.261619
SU6_str	BOBJ1	144	Before	Interior Girder 2	64	0.95	1	1	3.417457
SU6_str	BOBJ1	144	Before	Interior Girder 3	64	0.95	1	1	3.569316
SU6_str	BOBJ1	144	Before	Interior Girder 4	64	0.95	1	1	3.567863
SU6_str	BOBJ1	144	Before	Interior Girder 5	64	0.95	1	1	3.41511
SU6_str	BOBJ1	144	Before	Interior Girder 6	64	0.95	1	1	3.261966
SU6_str	BOBJ1	144	Before	Right Exterior Girder	64	0.95	1	1	3.016329
SU6_str	BOBJ1	144	After	Left Exterior Girder	64	0.95	1	1	5.697354
SU6_str	BOBJ1	144	After	Interior Girder 1	64	0.95	1	1	2.753012
SU6_str	BOBJ1	144	After	Interior Girder 2	64	0.95	1	1	2.921486
SU6_str	BOBJ1	144	After	Interior Girder 3	64	0.95	1	1	3.092388
SU6_str	BOBJ1	144	After	Interior Girder 4	64	0.95	1	1	3.09098
SU6_str	BOBJ1	144	After	Interior Girder 5	64	0.95	1	1	2.919643
SU6_str	BOBJ1	144	After	Interior Girder 6	64	0.95	1	1	2.753243
SU6_str	BOBJ1	144	After	Right Exterior Girder	64	0.95	1	1	5.701631
SU6_str	BOBJ1	150	Before	Interior Girder 1	70	0.95	1	1	1.880882
SU6_str	BOBJ1	150	Before	Interior Girder 2	70	0.95	1	1	1.988079

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelINonCompStrgth-Flx - Approach, Span 4-E									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
SU6_str	BOBJ1	150	Before	Interior Girder 3	70	0.95	1	1	1.918555
SU6_str	BOBJ1	150	Before	Interior Girder 4	70	0.95	1	1	1.917669
SU6_str	BOBJ1	150	Before	Interior Girder 5	70	0.95	1	1	1.986005
SU6_str	BOBJ1	150	Before	Interior Girder 6	70	0.95	1	1	1.881301
SU6_str	BOBJ1	150	After	Interior Girder 1	70	0.95	1	1	4.432956
SU6_str	BOBJ1	150	After	Interior Girder 2	70	0.95	1	1	4.548632
SU6_str	BOBJ1	150	After	Interior Girder 3	70	0.95	1	1	4.450079
SU6_str	BOBJ1	150	After	Interior Girder 4	70	0.95	1	1	4.447801
SU6_str	BOBJ1	150	After	Interior Girder 5	70	0.95	1	1	4.544067
SU6_str	BOBJ1	150	After	Interior Girder 6	70	0.95	1	1	4.433792
SU6_str	BOBJ1	152	Before	Left Exterior Girder	72	0.95	1	1	3.794891
SU6_str	BOBJ1	152	Before	Interior Girder 1	72	0.95	1	1	4.056843
SU6_str	BOBJ1	152	Before	Interior Girder 2	72	0.95	1	1	4.150223
SU6_str	BOBJ1	152	Before	Interior Girder 3	72	0.95	1	1	3.966436
SU6_str	BOBJ1	152	Before	Interior Girder 4	72	0.95	1	1	3.964497
SU6_str	BOBJ1	152	Before	Interior Girder 5	72	0.95	1	1	4.145591
SU6_str	BOBJ1	152	Before	Interior Girder 6	72	0.95	1	1	4.057846
SU6_str	BOBJ1	152	Before	Right Exterior Girder	72	0.95	1	1	3.798642
SU6_str	BOBJ1	152	After	Left Exterior Girder	72	0.95	1	1	3.807258
SU6_str	BOBJ1	152	After	Interior Girder 1	72	0.95	1	1	4.025088
SU6_str	BOBJ1	152	After	Interior Girder 2	72	0.95	1	1	4.102513
SU6_str	BOBJ1	152	After	Interior Girder 3	72	0.95	1	1	3.941151
SU6_str	BOBJ1	152	After	Interior Girder 4	72	0.95	1	1	3.93909
SU6_str	BOBJ1	152	After	Interior Girder 5	72	0.95	1	1	4.097741
SU6_str	BOBJ1	152	After	Interior Girder 6	72	0.95	1	1	4.026137
SU6_str	BOBJ1	152	After	Right Exterior Girder	72	0.95	1	1	3.811149
SU6_str	BOBJ1	154	Before	Left Exterior Girder	74	0.95	1	1	3.330468
SU6_str	BOBJ1	154	Before	Right Exterior Girder	74	0.95	1	1	3.33408
SU6_str	BOBJ1	154	After	Left Exterior Girder	74	0.95	1	1	5.22369
SU6_str	BOBJ1	154	After	Right Exterior Girder	74	0.95	1	1	5.229345
SU6_str	BOBJ1	160	Before	Left Exterior Girder	80	0.95	1	1	3.612341
SU6_str	BOBJ1	160	Before	Interior Girder 1	80	0.95	1	1	2.600858
SU6_str	BOBJ1	160	Before	Interior Girder 2	80	0.95	1	1	2.570461
SU6_str	BOBJ1	160	Before	Interior Girder 3	80	0.95	1	1	2.121571
SU6_str	BOBJ1	160	Before	Interior Girder 4	80	0.95	1	1	2.127281
SU6_str	BOBJ1	160	Before	Interior Girder 5	80	0.95	1	1	2.564727
SU6_str	BOBJ1	160	Before	Interior Girder 6	80	0.95	1	1	2.601951
SU6_str	BOBJ1	160	Before	Right Exterior Girder	80	0.95	1	1	3.616453
SU6_str	BOBJ1	160	After	Left Exterior Girder	0	0.95	1	1	3.564533
SU6_str	BOBJ1	160	After	Interior Girder 1	0	0.95	1	1	2.534027
SU6_str	BOBJ1	160	After	Interior Girder 2	0	0.95	1	1	2.515397
SU6_str	BOBJ1	160	After	Interior Girder 3	0	0.95	1	1	2.081121
SU6_str	BOBJ1	160	After	Interior Girder 4	0	0.95	1	1	2.084945
SU6_str	BOBJ1	160	After	Interior Girder 5	0	0.95	1	1	2.509531
SU6_str	BOBJ1	160	After	Interior Girder 6	0	0.95	1	1	2.537135
SU6_str	BOBJ1	160	After	Right Exterior Girder	0	0.95	1	1	3.56948
SU6_str	BOBJ1	166	Before	Left Exterior Girder	6	0.95	1	1	5.357638
SU6_str	BOBJ1	166	Before	Right Exterior Girder	6	0.95	1	1	5.363724
SU6_str	BOBJ1	166	After	Left Exterior Girder	6	0.95	1	1	3.460055
SU6_str	BOBJ1	166	After	Right Exterior Girder	6	0.95	1	1	3.463933
SU6_str	BOBJ1	168	Before	Left Exterior Girder	8	0.95	1	1	3.981394
SU6_str	BOBJ1	168	Before	Interior Girder 1	8	0.95	1	1	4.39414
SU6_str	BOBJ1	168	Before	Interior Girder 2	8	0.95	1	1	4.456782
SU6_str	BOBJ1	168	Before	Interior Girder 3	8	0.95	1	1	4.28621
SU6_str	BOBJ1	168	Before	Interior Girder 4	8	0.95	1	1	4.283588
SU6_str	BOBJ1	168	Before	Interior Girder 5	8	0.95	1	1	4.45149
SU6_str	BOBJ1	168	Before	Interior Girder 6	8	0.95	1	1	4.39555
SU6_str	BOBJ1	168	Before	Right Exterior Girder	8	0.95	1	1	3.985592
SU6_str	BOBJ1	168	After	Left Exterior Girder	8	0.95	1	1	3.935389
SU6_str	BOBJ1	168	After	Interior Girder 1	8	0.95	1	1	4.470916
SU6_str	BOBJ1	168	After	Interior Girder 2	8	0.95	1	1	4.511016
SU6_str	BOBJ1	168	After	Interior Girder 3	8	0.95	1	1	4.315807
SU6_str	BOBJ1	168	After	Interior Girder 4	8	0.95	1	1	4.31346
SU6_str	BOBJ1	168	After	Interior Girder 5	8	0.95	1	1	4.505854
SU6_str	BOBJ1	168	After	Interior Girder 6	8	0.95	1	1	4.472267

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelINonCompStrgth-Flx - Approach, Span 4-E									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
SU6_str	BOBJ1	168	After	Right Exterior Girder	8	0.95	1	1	3.939449
SU6_str	BOBJ1	170	Before	Interior Girder 1	10	0.95	1	1	4.921194
SU6_str	BOBJ1	170	Before	Interior Girder 2	10	0.95	1	1	4.969722
SU6_str	BOBJ1	170	Before	Interior Girder 3	10	0.95	1	1	4.865439
SU6_str	BOBJ1	170	Before	Interior Girder 4	10	0.95	1	1	4.862721
SU6_str	BOBJ1	170	Before	Interior Girder 5	10	0.95	1	1	4.964614
SU6_str	BOBJ1	170	Before	Interior Girder 6	10	0.95	1	1	4.922328
SU6_str	BOBJ1	170	After	Interior Girder 1	10	0.95	1	1	2.3094
SU6_str	BOBJ1	170	After	Interior Girder 2	10	0.95	1	1	2.393888
SU6_str	BOBJ1	170	After	Interior Girder 3	10	0.95	1	1	2.307676
SU6_str	BOBJ1	170	After	Interior Girder 4	10	0.95	1	1	2.306501
SU6_str	BOBJ1	170	After	Interior Girder 5	10	0.95	1	1	2.391309
SU6_str	BOBJ1	170	After	Interior Girder 6	10	0.95	1	1	2.31003
SU6_str	BOBJ1	176	Before	Left Exterior Girder	16	0.95	1	1	5.831402
SU6_str	BOBJ1	176	Before	Interior Girder 1	16	0.95	1	1	3.445001
SU6_str	BOBJ1	176	Before	Interior Girder 2	16	0.95	1	1	3.083666
SU6_str	BOBJ1	176	Before	Interior Girder 3	16	0.95	1	1	3.038547
SU6_str	BOBJ1	176	Before	Interior Girder 4	16	0.95	1	1	3.038457
SU6_str	BOBJ1	176	Before	Interior Girder 5	16	0.95	1	1	3.081631
SU6_str	BOBJ1	176	Before	Interior Girder 6	16	0.95	1	1	3.445324
SU6_str	BOBJ1	176	Before	Right Exterior Girder	16	0.95	1	1	5.836633
SU6_str	BOBJ1	176	After	Left Exterior Girder	16	0.95	1	1	6.055993
SU6_str	BOBJ1	176	After	Interior Girder 1	16	0.95	1	1	3.484556
SU6_str	BOBJ1	176	After	Interior Girder 2	16	0.95	1	1	3.062503
SU6_str	BOBJ1	176	After	Interior Girder 3	16	0.95	1	1	3.083459
SU6_str	BOBJ1	176	After	Interior Girder 4	16	0.95	1	1	3.08001
SU6_str	BOBJ1	176	After	Interior Girder 5	16	0.95	1	1	3.06129
SU6_str	BOBJ1	176	After	Interior Girder 6	16	0.95	1	1	3.483491
SU6_str	BOBJ1	176	After	Right Exterior Girder	16	0.95	1	1	6.061439
SU6_str	BOBJ1	181	Before	Interior Girder 1	21	0.95	1	1	1.972135
SU6_str	BOBJ1	181	Before	Interior Girder 2	21	0.95	1	1	1.871602
SU6_str	BOBJ1	181	Before	Interior Girder 3	21	0.95	1	1	1.845179
SU6_str	BOBJ1	181	Before	Interior Girder 4	21	0.95	1	1	1.852332
SU6_str	BOBJ1	181	Before	Interior Girder 5	21	0.95	1	1	1.867693
SU6_str	BOBJ1	181	Before	Interior Girder 6	21	0.95	1	1	1.976677
SU6_str	BOBJ1	181	After	Interior Girder 1	21	0.95	1	1	3.517933
SU6_str	BOBJ1	181	After	Interior Girder 2	21	0.95	1	1	3.296918
SU6_str	BOBJ1	181	After	Interior Girder 3	21	0.95	1	1	3.326711
SU6_str	BOBJ1	181	After	Interior Girder 4	21	0.95	1	1	3.339204
SU6_str	BOBJ1	181	After	Interior Girder 5	21	0.95	1	1	3.290279
SU6_str	BOBJ1	181	After	Interior Girder 6	21	0.95	1	1	3.525986
SU6_str	BOBJ1	184	Before	Left Exterior Girder	24	0.95	1	1	3.431321
SU6_str	BOBJ1	184	Before	Interior Girder 1	24	0.95	1	1	2.871119
SU6_str	BOBJ1	184	Before	Interior Girder 2	24	0.95	1	1	2.748398
SU6_str	BOBJ1	184	Before	Interior Girder 3	24	0.95	1	1	2.778024
SU6_str	BOBJ1	184	Before	Interior Girder 4	24	0.95	1	1	2.787312
SU6_str	BOBJ1	184	Before	Interior Girder 5	24	0.95	1	1	2.741735
SU6_str	BOBJ1	184	Before	Interior Girder 6	24	0.95	1	1	2.87755
SU6_str	BOBJ1	184	Before	Right Exterior Girder	24	0.95	1	1	3.434507
SU6_str	BOBJ1	184	After	Left Exterior Girder	24	0.95	1	1	3.515756
SU6_str	BOBJ1	184	After	Interior Girder 1	24	0.95	1	1	2.835402
SU6_str	BOBJ1	184	After	Interior Girder 2	24	0.95	1	1	2.747617
SU6_str	BOBJ1	184	After	Interior Girder 3	24	0.95	1	1	2.795819
SU6_str	BOBJ1	184	After	Interior Girder 4	24	0.95	1	1	2.806056
SU6_str	BOBJ1	184	After	Interior Girder 5	24	0.95	1	1	2.742101
SU6_str	BOBJ1	184	After	Interior Girder 6	24	0.95	1	1	2.841377
SU6_str	BOBJ1	184	After	Right Exterior Girder	24	0.95	1	1	3.518943
SU6_str	BOBJ1	192	Before	Left Exterior Girder	32	0.95	1	1	2.217242
SU6_str	BOBJ1	192	Before	Interior Girder 1	32	0.95	1	1	1.988208
SU6_str	BOBJ1	192	Before	Interior Girder 2	32	0.95	1	1	2.005476
SU6_str	BOBJ1	192	Before	Interior Girder 3	32	0.95	1	1	2.057464
SU6_str	BOBJ1	192	Before	Interior Girder 4	32	0.95	1	1	2.057329
SU6_str	BOBJ1	192	Before	Interior Girder 5	32	0.95	1	1	2.004115
SU6_str	BOBJ1	192	Before	Interior Girder 6	32	0.95	1	1	1.988059
SU6_str	BOBJ1	192	Before	Right Exterior Girder	32	0.95	1	1	2.220009

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelINonCompStrgth-Flx - Approach, Span 4-E									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
SU6_str	BOBJ1	192	After	Left Exterior Girder	32	0.95	1	1	2.261983
SU6_str	BOBJ1	192	After	Interior Girder 1	32	0.95	1	1	1.961026
SU6_str	BOBJ1	192	After	Interior Girder 2	32	0.95	1	1	1.997148
SU6_str	BOBJ1	192	After	Interior Girder 3	32	0.95	1	1	2.055052
SU6_str	BOBJ1	192	After	Interior Girder 4	32	0.95	1	1	2.055041
SU6_str	BOBJ1	192	After	Interior Girder 5	32	0.95	1	1	1.996262
SU6_str	BOBJ1	192	After	Interior Girder 6	32	0.95	1	1	1.96095
SU6_str	BOBJ1	192	After	Right Exterior Girder	32	0.95	1	1	2.264725
SU6_str	BOBJ1	200	Before	Left Exterior Girder	40	0.95	1	1	1.858249
SU6_str	BOBJ1	200	Before	Interior Girder 1	40	0.95	1	1	1.551959
SU6_str	BOBJ1	200	Before	Interior Girder 2	40	0.95	1	1	1.589531
SU6_str	BOBJ1	200	Before	Interior Girder 3	40	0.95	1	1	1.663125
SU6_str	BOBJ1	200	Before	Interior Girder 4	40	0.95	1	1	1.667233
SU6_str	BOBJ1	200	Before	Interior Girder 5	40	0.95	1	1	1.586539
SU6_str	BOBJ1	200	Before	Interior Girder 6	40	0.95	1	1	1.554607
SU6_str	BOBJ1	200	Before	Right Exterior Girder	40	0.95	1	1	1.85986
SU6_str	BOBJ1	200	After	Left Exterior Girder	40	0.95	1	1	1.874176
SU6_str	BOBJ1	200	After	Interior Girder 1	40	0.95	1	1	1.541565
SU6_str	BOBJ1	200	After	Interior Girder 2	40	0.95	1	1	1.587046
SU6_str	BOBJ1	200	After	Interior Girder 3	40	0.95	1	1	1.660082
SU6_str	BOBJ1	200	After	Interior Girder 4	40	0.95	1	1	1.663611
SU6_str	BOBJ1	200	After	Interior Girder 5	40	0.95	1	1	1.58412
SU6_str	BOBJ1	200	After	Interior Girder 6	40	0.95	1	1	1.544041
SU6_str	BOBJ1	200	After	Right Exterior Girder	40	0.95	1	1	1.875762
SU6_str	BOBJ1	208	Before	Left Exterior Girder	48	0.95	1	1	1.71927
SU6_str	BOBJ1	208	Before	Interior Girder 1	48	0.95	1	1	1.486513
SU6_str	BOBJ1	208	Before	Interior Girder 2	48	0.95	1	1	1.552099
SU6_str	BOBJ1	208	Before	Interior Girder 3	48	0.95	1	1	1.615069
SU6_str	BOBJ1	208	Before	Interior Girder 4	48	0.95	1	1	1.614911
SU6_str	BOBJ1	208	Before	Interior Girder 5	48	0.95	1	1	1.551145
SU6_str	BOBJ1	208	Before	Interior Girder 6	48	0.95	1	1	1.48646
SU6_str	BOBJ1	208	Before	Right Exterior Girder	48	0.95	1	1	1.721362
SU6_str	BOBJ1	208	After	Left Exterior Girder	48	0.95	1	1	1.710761
SU6_str	BOBJ1	208	After	Interior Girder 1	48	0.95	1	1	1.487165
SU6_str	BOBJ1	208	After	Interior Girder 2	48	0.95	1	1	1.554206
SU6_str	BOBJ1	208	After	Interior Girder 3	48	0.95	1	1	1.614178
SU6_str	BOBJ1	208	After	Interior Girder 4	48	0.95	1	1	1.613902
SU6_str	BOBJ1	208	After	Interior Girder 5	48	0.95	1	1	1.553131
SU6_str	BOBJ1	208	After	Interior Girder 6	48	0.95	1	1	1.487089
SU6_str	BOBJ1	208	After	Right Exterior Girder	48	0.95	1	1	1.712894
SU6_str	BOBJ1	216	Before	Left Exterior Girder	56	0.95	1	1	2.017689
SU6_str	BOBJ1	216	Before	Interior Girder 1	56	0.95	1	1	1.639837
SU6_str	BOBJ1	216	Before	Interior Girder 2	56	0.95	1	1	1.67055
SU6_str	BOBJ1	216	Before	Interior Girder 3	56	0.95	1	1	1.733617
SU6_str	BOBJ1	216	Before	Interior Girder 4	56	0.95	1	1	1.738875
SU6_str	BOBJ1	216	Before	Interior Girder 5	56	0.95	1	1	1.667231
SU6_str	BOBJ1	216	Before	Interior Girder 6	56	0.95	1	1	1.642677
SU6_str	BOBJ1	216	Before	Right Exterior Girder	56	0.95	1	1	2.019366
SU6_str	BOBJ1	216	After	Left Exterior Girder	56	0.95	1	1	1.985818
SU6_str	BOBJ1	216	After	Interior Girder 1	56	0.95	1	1	1.650448
SU6_str	BOBJ1	216	After	Interior Girder 2	56	0.95	1	1	1.67454
SU6_str	BOBJ1	216	After	Interior Girder 3	56	0.95	1	1	1.720336
SU6_str	BOBJ1	216	After	Interior Girder 4	56	0.95	1	1	1.724599
SU6_str	BOBJ1	216	After	Interior Girder 5	56	0.95	1	1	1.671137
SU6_str	BOBJ1	216	After	Interior Girder 6	56	0.95	1	1	1.653483
SU6_str	BOBJ1	216	After	Right Exterior Girder	56	0.95	1	1	1.987588
SU6_str	BOBJ1	224	Before	Left Exterior Girder	64	0.95	1	1	2.724901
SU6_str	BOBJ1	224	Before	Interior Girder 1	64	0.95	1	1	2.321931
SU6_str	BOBJ1	224	Before	Interior Girder 2	64	0.95	1	1	2.30635
SU6_str	BOBJ1	224	Before	Interior Girder 3	64	0.95	1	1	2.375808
SU6_str	BOBJ1	224	Before	Interior Girder 4	64	0.95	1	1	2.375942
SU6_str	BOBJ1	224	Before	Interior Girder 5	64	0.95	1	1	2.305852
SU6_str	BOBJ1	224	Before	Interior Girder 6	64	0.95	1	1	2.321611
SU6_str	BOBJ1	224	Before	Right Exterior Girder	64	0.95	1	1	2.727759
SU6_str	BOBJ1	224	After	Left Exterior Girder	64	0.95	1	1	2.654824

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelINonCompStrgth-Flx - Approach, Span 4-E									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
SU6_str	BOBJ1	224	After	Interior Girder 1	64	0.95	1	1	2.361896
SU6_str	BOBJ1	224	After	Interior Girder 2	64	0.95	1	1	2.298977
SU6_str	BOBJ1	224	After	Interior Girder 3	64	0.95	1	1	2.334481
SU6_str	BOBJ1	224	After	Interior Girder 4	64	0.95	1	1	2.334822
SU6_str	BOBJ1	224	After	Interior Girder 5	64	0.95	1	1	2.297685
SU6_str	BOBJ1	224	After	Interior Girder 6	64	0.95	1	1	2.361758
SU6_str	BOBJ1	224	After	Right Exterior Girder	64	0.95	1	1	2.657886
SU6_str	BOBJ1	232	Before	Left Exterior Girder	72	0.95	1	1	5.782983
SU6_str	BOBJ1	232	Before	Interior Girder 1	72	0.95	1	1	4.377096
SU6_str	BOBJ1	232	Before	Interior Girder 2	72	0.95	1	1	4.108524
SU6_str	BOBJ1	232	Before	Interior Girder 3	72	0.95	1	1	4.143757
SU6_str	BOBJ1	232	Before	Interior Girder 4	72	0.95	1	1	4.166576
SU6_str	BOBJ1	232	Before	Interior Girder 5	72	0.95	1	1	4.103594
SU6_str	BOBJ1	232	Before	Interior Girder 6	72	0.95	1	1	4.390985
SU6_str	BOBJ1	232	Before	Right Exterior Girder	72	0.95	1	1	5.789534
SU6_str	BOBJ1	232	After	Left Exterior Girder	72	0.95	1	1	5.710147
SU6_str	BOBJ1	232	After	Interior Girder 1	72	0.95	1	1	4.362325
SU6_str	BOBJ1	232	After	Interior Girder 2	72	0.95	1	1	4.046576
SU6_str	BOBJ1	232	After	Interior Girder 3	72	0.95	1	1	3.952982
SU6_str	BOBJ1	232	After	Interior Girder 4	72	0.95	1	1	3.974394
SU6_str	BOBJ1	232	After	Interior Girder 5	72	0.95	1	1	4.037095
SU6_str	BOBJ1	232	After	Interior Girder 6	72	0.95	1	1	4.378664
SU6_str	BOBJ1	232	After	Right Exterior Girder	72	0.95	1	1	5.716233
SU6_str	BOBJ1	240	Before	Left Exterior Girder	80	0.95	1	1	54.901092
SU6_str	BOBJ1	240	Before	Interior Girder 1	80	0.95	1	1	32.591737
SU6_str	BOBJ1	240	Before	Interior Girder 2	80	0.95	1	1	27.330761
SU6_str	BOBJ1	240	Before	Interior Girder 3	80	0.95	1	1	18.594803
SU6_str	BOBJ1	240	Before	Interior Girder 4	80	0.95	1	1	18.906243
SU6_str	BOBJ1	240	Before	Interior Girder 5	80	0.95	1	1	27.109975
SU6_str	BOBJ1	240	Before	Interior Girder 6	80	0.95	1	1	32.599477
SU6_str	BOBJ1	240	Before	Right Exterior Girder	80	0.95	1	1	54.859036
SU7_str	BOBJ1	0	After	Left Exterior Girder	0	0.95	1	1	365.960475
SU7_str	BOBJ1	0	After	Interior Girder 1	0	0.95	1	1	309.847962
SU7_str	BOBJ1	0	After	Interior Girder 2	0	0.95	1	1	297.099762
SU7_str	BOBJ1	0	After	Interior Girder 3	0	0.95	1	1	188.461107
SU7_str	BOBJ1	0	After	Interior Girder 4	0	0.95	1	1	192.411096
SU7_str	BOBJ1	0	After	Interior Girder 5	0	0.95	1	1	298.180855
SU7_str	BOBJ1	0	After	Interior Girder 6	0	0.95	1	1	300.534196
SU7_str	BOBJ1	0	After	Right Exterior Girder	0	0.95	1	1	365.960474
SU7_str	BOBJ1	8	Before	Left Exterior Girder	8	0.95	1	1	5.338532
SU7_str	BOBJ1	8	Before	Interior Girder 1	8	0.95	1	1	4.419765
SU7_str	BOBJ1	8	Before	Interior Girder 2	8	0.95	1	1	4.118274
SU7_str	BOBJ1	8	Before	Interior Girder 3	8	0.95	1	1	3.878679
SU7_str	BOBJ1	8	Before	Interior Girder 4	8	0.95	1	1	3.899983
SU7_str	BOBJ1	8	Before	Interior Girder 5	8	0.95	1	1	4.105087
SU7_str	BOBJ1	8	Before	Interior Girder 6	8	0.95	1	1	4.435037
SU7_str	BOBJ1	8	Before	Right Exterior Girder	8	0.95	1	1	5.344672
SU7_str	BOBJ1	8	After	Left Exterior Girder	8	0.95	1	1	5.448653
SU7_str	BOBJ1	8	After	Interior Girder 1	8	0.95	1	1	4.4018
SU7_str	BOBJ1	8	After	Interior Girder 2	8	0.95	1	1	4.196359
SU7_str	BOBJ1	8	After	Interior Girder 3	8	0.95	1	1	4.026786
SU7_str	BOBJ1	8	After	Interior Girder 4	8	0.95	1	1	4.047836
SU7_str	BOBJ1	8	After	Interior Girder 5	8	0.95	1	1	4.182834
SU7_str	BOBJ1	8	After	Interior Girder 6	8	0.95	1	1	4.415322
SU7_str	BOBJ1	8	After	Right Exterior Girder	8	0.95	1	1	5.454235
SU7_str	BOBJ1	16	Before	Left Exterior Girder	16	0.95	1	1	2.46344
SU7_str	BOBJ1	16	Before	Interior Girder 1	16	0.95	1	1	2.44414
SU7_str	BOBJ1	16	Before	Interior Girder 2	16	0.95	1	1	2.339168
SU7_str	BOBJ1	16	Before	Interior Girder 3	16	0.95	1	1	2.319779
SU7_str	BOBJ1	16	Before	Interior Girder 4	16	0.95	1	1	2.319639
SU7_str	BOBJ1	16	Before	Interior Girder 5	16	0.95	1	1	2.337322
SU7_str	BOBJ1	16	Before	Interior Girder 6	16	0.95	1	1	2.44433
SU7_str	BOBJ1	16	Before	Right Exterior Girder	16	0.95	1	1	2.466229
SU7_str	BOBJ1	16	After	Left Exterior Girder	16	0.95	1	1	2.517175
SU7_str	BOBJ1	16	After	Interior Girder 1	16	0.95	1	1	2.409633

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelINonCompStrgth-Flx - Approach, Span 4-E									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
SU7_str	BOBJ1	16	After	Interior Girder 2	16	0.95	1	1	2.345264
SU7_str	BOBJ1	16	After	Interior Girder 3	16	0.95	1	1	2.353867
SU7_str	BOBJ1	16	After	Interior Girder 4	16	0.95	1	1	2.35438
SU7_str	BOBJ1	16	After	Interior Girder 5	16	0.95	1	1	2.343924
SU7_str	BOBJ1	16	After	Interior Girder 6	16	0.95	1	1	2.409735
SU7_str	BOBJ1	16	After	Right Exterior Girder	16	0.95	1	1	2.519761
SU7_str	BOBJ1	20.5	Before	Left Exterior Girder	20.5	0.95	1	1	2.004426
SU7_str	BOBJ1	20.5	Before	Right Exterior Girder	20.5	0.95	1	1	2.006431
SU7_str	BOBJ1	20.5	After	Left Exterior Girder	20.5	0.95	1	1	2.971427
SU7_str	BOBJ1	20.5	After	Right Exterior Girder	20.5	0.95	1	1	2.974257
SU7_str	BOBJ1	24	Before	Left Exterior Girder	24	0.95	1	1	2.649791
SU7_str	BOBJ1	24	Before	Interior Girder 1	24	0.95	1	1	1.717874
SU7_str	BOBJ1	24	Before	Interior Girder 2	24	0.95	1	1	1.71653
SU7_str	BOBJ1	24	Before	Interior Girder 3	24	0.95	1	1	1.74404
SU7_str	BOBJ1	24	Before	Interior Girder 4	24	0.95	1	1	1.748272
SU7_str	BOBJ1	24	Before	Interior Girder 5	24	0.95	1	1	1.713104
SU7_str	BOBJ1	24	Before	Interior Girder 6	24	0.95	1	1	1.720875
SU7_str	BOBJ1	24	Before	Right Exterior Girder	24	0.95	1	1	2.652417
SU7_str	BOBJ1	24	After	Left Exterior Girder	24	0.95	1	1	2.648855
SU7_str	BOBJ1	24	After	Interior Girder 1	24	0.95	1	1	1.729248
SU7_str	BOBJ1	24	After	Interior Girder 2	24	0.95	1	1	1.716062
SU7_str	BOBJ1	24	After	Interior Girder 3	24	0.95	1	1	1.757651
SU7_str	BOBJ1	24	After	Interior Girder 4	24	0.95	1	1	1.762598
SU7_str	BOBJ1	24	After	Interior Girder 5	24	0.95	1	1	1.712748
SU7_str	BOBJ1	24	After	Interior Girder 6	24	0.95	1	1	1.732187
SU7_str	BOBJ1	24	After	Right Exterior Girder	24	0.95	1	1	2.651369
SU7_str	BOBJ1	32	Before	Left Exterior Girder	32	0.95	1	1	2.261586
SU7_str	BOBJ1	32	Before	Interior Girder 1	32	0.95	1	1	1.616289
SU7_str	BOBJ1	32	Before	Interior Girder 2	32	0.95	1	1	1.615427
SU7_str	BOBJ1	32	Before	Interior Girder 3	32	0.95	1	1	1.654348
SU7_str	BOBJ1	32	Before	Interior Girder 4	32	0.95	1	1	1.653925
SU7_str	BOBJ1	32	Before	Interior Girder 5	32	0.95	1	1	1.614647
SU7_str	BOBJ1	32	Before	Interior Girder 6	32	0.95	1	1	1.616168
SU7_str	BOBJ1	32	Before	Right Exterior Girder	32	0.95	1	1	2.264414
SU7_str	BOBJ1	32	After	Left Exterior Girder	32	0.95	1	1	2.268836
SU7_str	BOBJ1	32	After	Interior Girder 1	32	0.95	1	1	1.615534
SU7_str	BOBJ1	32	After	Interior Girder 2	32	0.95	1	1	1.610206
SU7_str	BOBJ1	32	After	Interior Girder 3	32	0.95	1	1	1.651404
SU7_str	BOBJ1	32	After	Interior Girder 4	32	0.95	1	1	1.651084
SU7_str	BOBJ1	32	After	Interior Girder 5	32	0.95	1	1	1.609388
SU7_str	BOBJ1	32	After	Interior Girder 6	32	0.95	1	1	1.61546
SU7_str	BOBJ1	32	After	Right Exterior Girder	32	0.95	1	1	2.271643
SU7_str	BOBJ1	40	Before	Left Exterior Girder	40	0.95	1	1	2.460871
SU7_str	BOBJ1	40	Before	Interior Girder 1	40	0.95	1	1	1.640717
SU7_str	BOBJ1	40	Before	Interior Girder 2	40	0.95	1	1	1.64528
SU7_str	BOBJ1	40	Before	Interior Girder 3	40	0.95	1	1	1.702153
SU7_str	BOBJ1	40	Before	Interior Girder 4	40	0.95	1	1	1.705471
SU7_str	BOBJ1	40	Before	Interior Girder 5	40	0.95	1	1	1.642611
SU7_str	BOBJ1	40	Before	Interior Girder 6	40	0.95	1	1	1.642924
SU7_str	BOBJ1	40	Before	Right Exterior Girder	40	0.95	1	1	2.463099
SU7_str	BOBJ1	40	After	Left Exterior Girder	40	0.95	1	1	2.457983
SU7_str	BOBJ1	40	After	Interior Girder 1	40	0.95	1	1	1.650187
SU7_str	BOBJ1	40	After	Interior Girder 2	40	0.95	1	1	1.646103
SU7_str	BOBJ1	40	After	Interior Girder 3	40	0.95	1	1	1.703524
SU7_str	BOBJ1	40	After	Interior Girder 4	40	0.95	1	1	1.706906
SU7_str	BOBJ1	40	After	Interior Girder 5	40	0.95	1	1	1.643259
SU7_str	BOBJ1	40	After	Interior Girder 6	40	0.95	1	1	1.652387
SU7_str	BOBJ1	40	After	Right Exterior Girder	40	0.95	1	1	2.460185
SU7_str	BOBJ1	46.5	Before	Left Exterior Girder	46.5	0.95	1	1	2.808113
SU7_str	BOBJ1	46.5	Before	Right Exterior Girder	46.5	0.95	1	1	2.810955
SU7_str	BOBJ1	46.5	After	Left Exterior Girder	46.5	0.95	1	1	1.934525
SU7_str	BOBJ1	46.5	After	Right Exterior Girder	46.5	0.95	1	1	1.936546
SU7_str	BOBJ1	48	Before	Left Exterior Girder	48	0.95	1	1	2.056821
SU7_str	BOBJ1	48	Before	Interior Girder 1	48	0.95	1	1	2.042559
SU7_str	BOBJ1	48	Before	Interior Girder 2	48	0.95	1	1	2.058931

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelINonCompStrgth-Flx - Approach, Span 4-E									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
SU7_str	BOBJ1	48	Before	Interior Girder 3	48	0.95	1	1	2.096457
SU7_str	BOBJ1	48	Before	Interior Girder 4	48	0.95	1	1	2.096712
SU7_str	BOBJ1	48	Before	Interior Girder 5	48	0.95	1	1	2.058369
SU7_str	BOBJ1	48	Before	Interior Girder 6	48	0.95	1	1	2.042323
SU7_str	BOBJ1	48	Before	Right Exterior Girder	48	0.95	1	1	2.05943
SU7_str	BOBJ1	48	After	Left Exterior Girder	48	0.95	1	1	2.023697
SU7_str	BOBJ1	48	After	Interior Girder 1	48	0.95	1	1	2.065456
SU7_str	BOBJ1	48	After	Interior Girder 2	48	0.95	1	1	2.059708
SU7_str	BOBJ1	48	After	Interior Girder 3	48	0.95	1	1	2.091111
SU7_str	BOBJ1	48	After	Interior Girder 4	48	0.95	1	1	2.091296
SU7_str	BOBJ1	48	After	Interior Girder 5	48	0.95	1	1	2.058608
SU7_str	BOBJ1	48	After	Interior Girder 6	48	0.95	1	1	2.065265
SU7_str	BOBJ1	48	After	Right Exterior Girder	48	0.95	1	1	2.026331
SU7_str	BOBJ1	56	Before	Left Exterior Girder	56	0.95	1	1	3.219115
SU7_str	BOBJ1	56	Before	Interior Girder 1	56	0.95	1	1	2.860152
SU7_str	BOBJ1	56	Before	Interior Girder 2	56	0.95	1	1	2.782133
SU7_str	BOBJ1	56	Before	Interior Girder 3	56	0.95	1	1	2.833413
SU7_str	BOBJ1	56	Before	Interior Girder 4	56	0.95	1	1	2.845239
SU7_str	BOBJ1	56	Before	Interior Girder 5	56	0.95	1	1	2.777596
SU7_str	BOBJ1	56	Before	Interior Girder 6	56	0.95	1	1	2.865964
SU7_str	BOBJ1	56	Before	Right Exterior Girder	56	0.95	1	1	3.221707
SU7_str	BOBJ1	56	After	Left Exterior Girder	56	0.95	1	1	3.146185
SU7_str	BOBJ1	56	After	Interior Girder 1	56	0.95	1	1	2.905887
SU7_str	BOBJ1	56	After	Interior Girder 2	56	0.95	1	1	2.773695
SU7_str	BOBJ1	56	After	Interior Girder 3	56	0.95	1	1	2.797986
SU7_str	BOBJ1	56	After	Interior Girder 4	56	0.95	1	1	2.807335
SU7_str	BOBJ1	56	After	Interior Girder 5	56	0.95	1	1	2.767756
SU7_str	BOBJ1	56	After	Interior Girder 6	56	0.95	1	1	2.912144
SU7_str	BOBJ1	56	After	Right Exterior Girder	56	0.95	1	1	3.149023
SU7_str	BOBJ1	59	Before	Interior Girder 1	59	0.95	1	1	3.521023
SU7_str	BOBJ1	59	Before	Interior Girder 2	59	0.95	1	1	3.320016
SU7_str	BOBJ1	59	Before	Interior Girder 3	59	0.95	1	1	3.359507
SU7_str	BOBJ1	59	Before	Interior Girder 4	59	0.95	1	1	3.370341
SU7_str	BOBJ1	59	Before	Interior Girder 5	59	0.95	1	1	3.313227
SU7_str	BOBJ1	59	Before	Interior Girder 6	59	0.95	1	1	3.52868
SU7_str	BOBJ1	59	After	Interior Girder 1	59	0.95	1	1	1.794517
SU7_str	BOBJ1	59	After	Interior Girder 2	59	0.95	1	1	1.709619
SU7_str	BOBJ1	59	After	Interior Girder 3	59	0.95	1	1	1.682127
SU7_str	BOBJ1	59	After	Interior Girder 4	59	0.95	1	1	1.687869
SU7_str	BOBJ1	59	After	Interior Girder 5	59	0.95	1	1	1.7061
SU7_str	BOBJ1	59	After	Interior Girder 6	59	0.95	1	1	1.798405
SU7_str	BOBJ1	64	Before	Left Exterior Girder	64	0.95	1	1	5.523665
SU7_str	BOBJ1	64	Before	Interior Girder 1	64	0.95	1	1	3.072038
SU7_str	BOBJ1	64	Before	Interior Girder 2	64	0.95	1	1	2.839606
SU7_str	BOBJ1	64	Before	Interior Girder 3	64	0.95	1	1	2.883077
SU7_str	BOBJ1	64	Before	Interior Girder 4	64	0.95	1	1	2.880456
SU7_str	BOBJ1	64	Before	Interior Girder 5	64	0.95	1	1	2.839526
SU7_str	BOBJ1	64	Before	Interior Girder 6	64	0.95	1	1	3.072349
SU7_str	BOBJ1	64	Before	Right Exterior Girder	64	0.95	1	1	5.528515
SU7_str	BOBJ1	64	After	Left Exterior Girder	64	0.95	1	1	5.310452
SU7_str	BOBJ1	64	After	Interior Girder 1	64	0.95	1	1	3.040638
SU7_str	BOBJ1	64	After	Interior Girder 2	64	0.95	1	1	2.853623
SU7_str	BOBJ1	64	After	Interior Girder 3	64	0.95	1	1	2.835657
SU7_str	BOBJ1	64	After	Interior Girder 4	64	0.95	1	1	2.83654
SU7_str	BOBJ1	64	After	Interior Girder 5	64	0.95	1	1	2.852924
SU7_str	BOBJ1	64	After	Interior Girder 6	64	0.95	1	1	3.040915
SU7_str	BOBJ1	64	After	Right Exterior Girder	64	0.95	1	1	5.315071
SU7_str	BOBJ1	69	Before	Interior Girder 1	69	0.95	1	1	2.191357
SU7_str	BOBJ1	69	Before	Interior Girder 2	69	0.95	1	1	2.255637
SU7_str	BOBJ1	69	Before	Interior Girder 3	69	0.95	1	1	2.203879
SU7_str	BOBJ1	69	Before	Interior Girder 4	69	0.95	1	1	2.202754
SU7_str	BOBJ1	69	Before	Interior Girder 5	69	0.95	1	1	2.25343
SU7_str	BOBJ1	69	Before	Interior Girder 6	69	0.95	1	1	2.191857
SU7_str	BOBJ1	69	After	Interior Girder 1	69	0.95	1	1	4.787989
SU7_str	BOBJ1	69	After	Interior Girder 2	69	0.95	1	1	4.839364

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelINonCompStrgth-Flx - Approach, Span 4-E									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
SU7_str	BOBJ1	69	After	Interior Girder 3	69	0.95	1	1	4.785322
SU7_str	BOBJ1	69	After	Interior Girder 4	69	0.95	1	1	4.782722
SU7_str	BOBJ1	69	After	Interior Girder 5	69	0.95	1	1	4.834888
SU7_str	BOBJ1	69	After	Interior Girder 6	69	0.95	1	1	4.788903
SU7_str	BOBJ1	72	Before	Left Exterior Girder	72	0.95	1	1	3.677435
SU7_str	BOBJ1	72	Before	Interior Girder 1	72	0.95	1	1	4.182358
SU7_str	BOBJ1	72	Before	Interior Girder 2	72	0.95	1	1	4.214221
SU7_str	BOBJ1	72	Before	Interior Girder 3	72	0.95	1	1	4.038309
SU7_str	BOBJ1	72	Before	Interior Girder 4	72	0.95	1	1	4.036104
SU7_str	BOBJ1	72	Before	Interior Girder 5	72	0.95	1	1	4.209637
SU7_str	BOBJ1	72	Before	Interior Girder 6	72	0.95	1	1	4.183523
SU7_str	BOBJ1	72	Before	Right Exterior Girder	72	0.95	1	1	3.681479
SU7_str	BOBJ1	72	After	Left Exterior Girder	72	0.95	1	1	3.706221
SU7_str	BOBJ1	72	After	Interior Girder 1	72	0.95	1	1	4.118295
SU7_str	BOBJ1	72	After	Interior Girder 2	72	0.95	1	1	4.161837
SU7_str	BOBJ1	72	After	Interior Girder 3	72	0.95	1	1	4.009093
SU7_str	BOBJ1	72	After	Interior Girder 4	72	0.95	1	1	4.006587
SU7_str	BOBJ1	72	After	Interior Girder 5	72	0.95	1	1	4.157166
SU7_str	BOBJ1	72	After	Interior Girder 6	72	0.95	1	1	4.119561
SU7_str	BOBJ1	72	After	Right Exterior Girder	72	0.95	1	1	3.710411
SU7_str	BOBJ1	72.5	Before	Left Exterior Girder	72.5	0.95	1	1	3.570853
SU7_str	BOBJ1	72.5	Before	Right Exterior Girder	72.5	0.95	1	1	3.574972
SU7_str	BOBJ1	72.5	After	Left Exterior Girder	72.5	0.95	1	1	5.430263
SU7_str	BOBJ1	72.5	After	Right Exterior Girder	72.5	0.95	1	1	5.436639
SU7_str	BOBJ1	80	Before	Left Exterior Girder	80	0.95	1	1	3.695064
SU7_str	BOBJ1	80	Before	Interior Girder 1	80	0.95	1	1	2.61371
SU7_str	BOBJ1	80	Before	Interior Girder 2	80	0.95	1	1	2.512774
SU7_str	BOBJ1	80	Before	Interior Girder 3	80	0.95	1	1	2.062297
SU7_str	BOBJ1	80	Before	Interior Girder 4	80	0.95	1	1	2.065913
SU7_str	BOBJ1	80	Before	Interior Girder 5	80	0.95	1	1	2.506573
SU7_str	BOBJ1	80	Before	Interior Girder 6	80	0.95	1	1	2.615058
SU7_str	BOBJ1	80	Before	Right Exterior Girder	80	0.95	1	1	3.69977
SU7_str	BOBJ1	80	After	Left Exterior Girder	0	0.95	1	1	3.56755
SU7_str	BOBJ1	80	After	Interior Girder 1	0	0.95	1	1	2.540047
SU7_str	BOBJ1	80	After	Interior Girder 2	0	0.95	1	1	2.482215
SU7_str	BOBJ1	80	After	Interior Girder 3	0	0.95	1	1	2.045672
SU7_str	BOBJ1	80	After	Interior Girder 4	0	0.95	1	1	2.049554
SU7_str	BOBJ1	80	After	Interior Girder 5	0	0.95	1	1	2.476282
SU7_str	BOBJ1	80	After	Interior Girder 6	0	0.95	1	1	2.542896
SU7_str	BOBJ1	80	After	Right Exterior Girder	0	0.95	1	1	3.572692
SU7_str	BOBJ1	87.5	Before	Left Exterior Girder	7.5	0.95	1	1	5.746509
SU7_str	BOBJ1	87.5	Before	Right Exterior Girder	7.5	0.95	1	1	5.752813
SU7_str	BOBJ1	87.5	After	Left Exterior Girder	7.5	0.95	1	1	3.710024
SU7_str	BOBJ1	87.5	After	Right Exterior Girder	7.5	0.95	1	1	3.713977
SU7_str	BOBJ1	88	Before	Left Exterior Girder	8	0.95	1	1	3.827326
SU7_str	BOBJ1	88	Before	Interior Girder 1	8	0.95	1	1	4.020358
SU7_str	BOBJ1	88	Before	Interior Girder 2	8	0.95	1	1	4.031851
SU7_str	BOBJ1	88	Before	Interior Girder 3	8	0.95	1	1	3.824693
SU7_str	BOBJ1	88	Before	Interior Girder 4	8	0.95	1	1	3.822274
SU7_str	BOBJ1	88	Before	Interior Girder 5	8	0.95	1	1	4.027287
SU7_str	BOBJ1	88	Before	Interior Girder 6	8	0.95	1	1	4.021407
SU7_str	BOBJ1	88	Before	Right Exterior Girder	8	0.95	1	1	3.831479
SU7_str	BOBJ1	88	After	Left Exterior Girder	8	0.95	1	1	3.844467
SU7_str	BOBJ1	88	After	Interior Girder 1	8	0.95	1	1	4.040879
SU7_str	BOBJ1	88	After	Interior Girder 2	8	0.95	1	1	4.080388
SU7_str	BOBJ1	88	After	Interior Girder 3	8	0.95	1	1	3.850645
SU7_str	BOBJ1	88	After	Interior Girder 4	8	0.95	1	1	3.848558
SU7_str	BOBJ1	88	After	Interior Girder 5	8	0.95	1	1	4.07596
SU7_str	BOBJ1	88	After	Interior Girder 6	8	0.95	1	1	4.041838
SU7_str	BOBJ1	88	After	Right Exterior Girder	8	0.95	1	1	3.848528
SU7_str	BOBJ1	91	Before	Interior Girder 1	11	0.95	1	1	4.552324
SU7_str	BOBJ1	91	Before	Interior Girder 2	11	0.95	1	1	4.654091
SU7_str	BOBJ1	91	Before	Interior Girder 3	11	0.95	1	1	4.550506
SU7_str	BOBJ1	91	Before	Interior Girder 4	11	0.95	1	1	4.547998
SU7_str	BOBJ1	91	Before	Interior Girder 5	11	0.95	1	1	4.649772

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelINonCompStrgth-Flx - Approach, Span 4-E									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
SU7_str	BOBJ1	91	Before	Interior Girder 6	11	0.95	1	1	4.553067
SU7_str	BOBJ1	91	After	Interior Girder 1	11	0.95	1	1	1.861907
SU7_str	BOBJ1	91	After	Interior Girder 2	11	0.95	1	1	1.949977
SU7_str	BOBJ1	91	After	Interior Girder 3	11	0.95	1	1	1.882896
SU7_str	BOBJ1	91	After	Interior Girder 4	11	0.95	1	1	1.881939
SU7_str	BOBJ1	91	After	Interior Girder 5	11	0.95	1	1	1.948095
SU7_str	BOBJ1	91	After	Interior Girder 6	11	0.95	1	1	1.862264
SU7_str	BOBJ1	96	Before	Left Exterior Girder	16	0.95	1	1	5.655376
SU7_str	BOBJ1	96	Before	Interior Girder 1	16	0.95	1	1	2.534873
SU7_str	BOBJ1	96	Before	Interior Girder 2	16	0.95	1	1	2.669774
SU7_str	BOBJ1	96	Before	Interior Girder 3	16	0.95	1	1	2.799719
SU7_str	BOBJ1	96	Before	Interior Girder 4	16	0.95	1	1	2.798361
SU7_str	BOBJ1	96	Before	Interior Girder 5	16	0.95	1	1	2.668018
SU7_str	BOBJ1	96	Before	Interior Girder 6	16	0.95	1	1	2.535061
SU7_str	BOBJ1	96	Before	Right Exterior Girder	16	0.95	1	1	5.660111
SU7_str	BOBJ1	96	After	Left Exterior Girder	16	0.95	1	1	2.754011
SU7_str	BOBJ1	96	After	Interior Girder 1	16	0.95	1	1	2.998178
SU7_str	BOBJ1	96	After	Interior Girder 2	16	0.95	1	1	3.122464
SU7_str	BOBJ1	96	After	Interior Girder 3	16	0.95	1	1	3.231622
SU7_str	BOBJ1	96	After	Interior Girder 4	16	0.95	1	1	3.230185
SU7_str	BOBJ1	96	After	Interior Girder 5	16	0.95	1	1	3.120231
SU7_str	BOBJ1	96	After	Interior Girder 6	16	0.95	1	1	2.998472
SU7_str	BOBJ1	96	After	Right Exterior Girder	16	0.95	1	1	2.756408
SU7_str	BOBJ1	104	Before	Left Exterior Girder	24	0.95	1	1	2.686023
SU7_str	BOBJ1	104	Before	Interior Girder 1	24	0.95	1	1	2.240732
SU7_str	BOBJ1	104	Before	Interior Girder 2	24	0.95	1	1	2.134343
SU7_str	BOBJ1	104	Before	Interior Girder 3	24	0.95	1	1	2.114985
SU7_str	BOBJ1	104	Before	Interior Girder 4	24	0.95	1	1	2.124239
SU7_str	BOBJ1	104	Before	Interior Girder 5	24	0.95	1	1	2.130095
SU7_str	BOBJ1	104	Before	Interior Girder 6	24	0.95	1	1	2.246287
SU7_str	BOBJ1	104	Before	Right Exterior Girder	24	0.95	1	1	2.688632
SU7_str	BOBJ1	104	After	Left Exterior Girder	24	0.95	1	1	2.760866
SU7_str	BOBJ1	104	After	Interior Girder 1	24	0.95	1	1	2.200915
SU7_str	BOBJ1	104	After	Interior Girder 2	24	0.95	1	1	2.130857
SU7_str	BOBJ1	104	After	Interior Girder 3	24	0.95	1	1	2.142194
SU7_str	BOBJ1	104	After	Interior Girder 4	24	0.95	1	1	2.150508
SU7_str	BOBJ1	104	After	Interior Girder 5	24	0.95	1	1	2.12651
SU7_str	BOBJ1	104	After	Interior Girder 6	24	0.95	1	1	2.206073
SU7_str	BOBJ1	104	After	Right Exterior Girder	24	0.95	1	1	2.763352
SU7_str	BOBJ1	112	Before	Left Exterior Girder	32	0.95	1	1	1.753266
SU7_str	BOBJ1	112	Before	Interior Girder 1	32	0.95	1	1	1.708975
SU7_str	BOBJ1	112	Before	Interior Girder 2	32	0.95	1	1	1.696864
SU7_str	BOBJ1	112	Before	Interior Girder 3	32	0.95	1	1	1.721677
SU7_str	BOBJ1	112	Before	Interior Girder 4	32	0.95	1	1	1.720113
SU7_str	BOBJ1	112	Before	Interior Girder 5	32	0.95	1	1	1.696802
SU7_str	BOBJ1	112	Before	Interior Girder 6	32	0.95	1	1	1.708636
SU7_str	BOBJ1	112	Before	Right Exterior Girder	32	0.95	1	1	1.755758
SU7_str	BOBJ1	112	After	Left Exterior Girder	32	0.95	1	1	1.780954
SU7_str	BOBJ1	112	After	Interior Girder 1	32	0.95	1	1	1.690067
SU7_str	BOBJ1	112	After	Interior Girder 2	32	0.95	1	1	1.690599
SU7_str	BOBJ1	112	After	Interior Girder 3	32	0.95	1	1	1.722701
SU7_str	BOBJ1	112	After	Interior Girder 4	32	0.95	1	1	1.721259
SU7_str	BOBJ1	112	After	Interior Girder 5	32	0.95	1	1	1.690393
SU7_str	BOBJ1	112	After	Interior Girder 6	32	0.95	1	1	1.689789
SU7_str	BOBJ1	112	After	Right Exterior Girder	32	0.95	1	1	1.783422
SU7_str	BOBJ1	120	Before	Left Exterior Girder	40	0.95	1	1	1.63465
SU7_str	BOBJ1	120	Before	Interior Girder 1	40	0.95	1	1	1.477579
SU7_str	BOBJ1	120	Before	Interior Girder 2	40	0.95	1	1	1.476741
SU7_str	BOBJ1	120	Before	Interior Girder 3	40	0.95	1	1	1.508535
SU7_str	BOBJ1	120	Before	Interior Girder 4	40	0.95	1	1	1.513401
SU7_str	BOBJ1	120	Before	Interior Girder 5	40	0.95	1	1	1.474202
SU7_str	BOBJ1	120	Before	Interior Girder 6	40	0.95	1	1	1.480346
SU7_str	BOBJ1	120	Before	Right Exterior Girder	40	0.95	1	1	1.636138
SU7_str	BOBJ1	120	After	Left Exterior Girder	40	0.95	1	1	1.636476
SU7_str	BOBJ1	120	After	Interior Girder 1	40	0.95	1	1	1.475985

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelINonCompStrgth-Flx - Approach, Span 4-E									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
SU7_str	BOBJ1	120	After	Interior Girder 2	40	0.95	1	1	1.476416
SU7_str	BOBJ1	120	After	Interior Girder 3	40	0.95	1	1	1.508934
SU7_str	BOBJ1	120	After	Interior Girder 4	40	0.95	1	1	1.513753
SU7_str	BOBJ1	120	After	Interior Girder 5	40	0.95	1	1	1.473879
SU7_str	BOBJ1	120	After	Interior Girder 6	40	0.95	1	1	1.478748
SU7_str	BOBJ1	120	After	Right Exterior Girder	40	0.95	1	1	1.637964
SU7_str	BOBJ1	128	Before	Left Exterior Girder	48	0.95	1	1	1.749427
SU7_str	BOBJ1	128	Before	Interior Girder 1	48	0.95	1	1	1.676317
SU7_str	BOBJ1	128	Before	Interior Girder 2	48	0.95	1	1	1.679011
SU7_str	BOBJ1	128	Before	Interior Girder 3	48	0.95	1	1	1.712493
SU7_str	BOBJ1	128	Before	Interior Girder 4	48	0.95	1	1	1.711005
SU7_str	BOBJ1	128	Before	Interior Girder 5	48	0.95	1	1	1.678825
SU7_str	BOBJ1	128	Before	Interior Girder 6	48	0.95	1	1	1.676031
SU7_str	BOBJ1	128	Before	Right Exterior Girder	48	0.95	1	1	1.751844
SU7_str	BOBJ1	128	After	Left Exterior Girder	48	0.95	1	1	1.726211
SU7_str	BOBJ1	128	After	Interior Girder 1	48	0.95	1	1	1.691179
SU7_str	BOBJ1	128	After	Interior Girder 2	48	0.95	1	1	1.685131
SU7_str	BOBJ1	128	After	Interior Girder 3	48	0.95	1	1	1.712095
SU7_str	BOBJ1	128	After	Interior Girder 4	48	0.95	1	1	1.71048
SU7_str	BOBJ1	128	After	Interior Girder 5	48	0.95	1	1	1.685074
SU7_str	BOBJ1	128	After	Interior Girder 6	48	0.95	1	1	1.690839
SU7_str	BOBJ1	128	After	Right Exterior Girder	48	0.95	1	1	1.728653
SU7_str	BOBJ1	136	Before	Left Exterior Girder	56	0.95	1	1	2.657145
SU7_str	BOBJ1	136	Before	Interior Girder 1	56	0.95	1	1	2.162821
SU7_str	BOBJ1	136	Before	Interior Girder 2	56	0.95	1	1	2.102065
SU7_str	BOBJ1	136	Before	Interior Girder 3	56	0.95	1	1	2.116242
SU7_str	BOBJ1	136	Before	Interior Girder 4	56	0.95	1	1	2.124362
SU7_str	BOBJ1	136	Before	Interior Girder 5	56	0.95	1	1	2.097817
SU7_str	BOBJ1	136	Before	Interior Girder 6	56	0.95	1	1	2.167873
SU7_str	BOBJ1	136	Before	Right Exterior Girder	56	0.95	1	1	2.659544
SU7_str	BOBJ1	136	After	Left Exterior Girder	56	0.95	1	1	2.589758
SU7_str	BOBJ1	136	After	Interior Girder 1	56	0.95	1	1	2.198305
SU7_str	BOBJ1	136	After	Interior Girder 2	56	0.95	1	1	2.105722
SU7_str	BOBJ1	136	After	Interior Girder 3	56	0.95	1	1	2.091267
SU7_str	BOBJ1	136	After	Interior Girder 4	56	0.95	1	1	2.100255
SU7_str	BOBJ1	136	After	Interior Girder 5	56	0.95	1	1	2.10153
SU7_str	BOBJ1	136	After	Interior Girder 6	56	0.95	1	1	2.203712
SU7_str	BOBJ1	136	After	Right Exterior Girder	56	0.95	1	1	2.592266
SU7_str	BOBJ1	144	Before	Left Exterior Girder	64	0.95	1	1	2.727698
SU7_str	BOBJ1	144	Before	Interior Girder 1	64	0.95	1	1	2.947562
SU7_str	BOBJ1	144	Before	Interior Girder 2	64	0.95	1	1	3.092584
SU7_str	BOBJ1	144	Before	Interior Girder 3	64	0.95	1	1	3.231137
SU7_str	BOBJ1	144	Before	Interior Girder 4	64	0.95	1	1	3.229791
SU7_str	BOBJ1	144	Before	Interior Girder 5	64	0.95	1	1	3.090518
SU7_str	BOBJ1	144	Before	Interior Girder 6	64	0.95	1	1	2.947858
SU7_str	BOBJ1	144	Before	Right Exterior Girder	64	0.95	1	1	2.729962
SU7_str	BOBJ1	144	After	Left Exterior Girder	64	0.95	1	1	5.15512
SU7_str	BOBJ1	144	After	Interior Girder 1	64	0.95	1	1	2.488275
SU7_str	BOBJ1	144	After	Interior Girder 2	64	0.95	1	1	2.644211
SU7_str	BOBJ1	144	After	Interior Girder 3	64	0.95	1	1	2.799021
SU7_str	BOBJ1	144	After	Interior Girder 4	64	0.95	1	1	2.797736
SU7_str	BOBJ1	144	After	Interior Girder 5	64	0.95	1	1	2.642588
SU7_str	BOBJ1	144	After	Interior Girder 6	64	0.95	1	1	2.488477
SU7_str	BOBJ1	144	After	Right Exterior Girder	64	0.95	1	1	5.159241
SU7_str	BOBJ1	150	Before	Interior Girder 1	70	0.95	1	1	1.700415
SU7_str	BOBJ1	150	Before	Interior Girder 2	70	0.95	1	1	1.799165
SU7_str	BOBJ1	150	Before	Interior Girder 3	70	0.95	1	1	1.738665
SU7_str	BOBJ1	150	Before	Interior Girder 4	70	0.95	1	1	1.737798
SU7_str	BOBJ1	150	Before	Interior Girder 5	70	0.95	1	1	1.797445
SU7_str	BOBJ1	150	Before	Interior Girder 6	70	0.95	1	1	1.700762
SU7_str	BOBJ1	150	After	Interior Girder 1	70	0.95	1	1	4.007069
SU7_str	BOBJ1	150	After	Interior Girder 2	70	0.95	1	1	4.117897
SU7_str	BOBJ1	150	After	Interior Girder 3	70	0.95	1	1	4.03364
SU7_str	BOBJ1	150	After	Interior Girder 4	70	0.95	1	1	4.031452
SU7_str	BOBJ1	150	After	Interior Girder 5	70	0.95	1	1	4.114107

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelINonCompStrgth-Flx - Approach, Span 4-E									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
SU7_str	BOBJ1	150	After	Interior Girder 6	70	0.95	1	1	4.007767
SU7_str	BOBJ1	152	Before	Left Exterior Girder	72	0.95	1	1	3.436261
SU7_str	BOBJ1	152	Before	Interior Girder 1	72	0.95	1	1	3.668797
SU7_str	BOBJ1	152	Before	Interior Girder 2	72	0.95	1	1	3.758759
SU7_str	BOBJ1	152	Before	Interior Girder 3	72	0.95	1	1	3.596634
SU7_str	BOBJ1	152	Before	Interior Girder 4	72	0.95	1	1	3.59473
SU7_str	BOBJ1	152	Before	Interior Girder 5	72	0.95	1	1	3.754916
SU7_str	BOBJ1	152	Before	Interior Girder 6	72	0.95	1	1	3.669626
SU7_str	BOBJ1	152	Before	Right Exterior Girder	72	0.95	1	1	3.439754
SU7_str	BOBJ1	152	After	Left Exterior Girder	72	0.95	1	1	3.447422
SU7_str	BOBJ1	152	After	Interior Girder 1	72	0.95	1	1	3.640874
SU7_str	BOBJ1	152	After	Interior Girder 2	72	0.95	1	1	3.718607
SU7_str	BOBJ1	152	After	Interior Girder 3	72	0.95	1	1	3.574984
SU7_str	BOBJ1	152	After	Interior Girder 4	72	0.95	1	1	3.572792
SU7_str	BOBJ1	152	After	Interior Girder 5	72	0.95	1	1	3.714641
SU7_str	BOBJ1	152	After	Interior Girder 6	72	0.95	1	1	3.641749
SU7_str	BOBJ1	152	After	Right Exterior Girder	72	0.95	1	1	3.451037
SU7_str	BOBJ1	154	Before	Left Exterior Girder	74	0.95	1	1	3.014819
SU7_str	BOBJ1	154	Before	Right Exterior Girder	74	0.95	1	1	3.018021
SU7_str	BOBJ1	154	After	Left Exterior Girder	74	0.95	1	1	4.727611
SU7_str	BOBJ1	154	After	Right Exterior Girder	74	0.95	1	1	4.732748
SU7_str	BOBJ1	160	Before	Left Exterior Girder	80	0.95	1	1	3.269865
SU7_str	BOBJ1	160	Before	Interior Girder 1	80	0.95	1	1	2.354397
SU7_str	BOBJ1	160	Before	Interior Girder 2	80	0.95	1	1	2.331389
SU7_str	BOBJ1	160	Before	Interior Girder 3	80	0.95	1	1	1.927715
SU7_str	BOBJ1	160	Before	Interior Girder 4	80	0.95	1	1	1.931304
SU7_str	BOBJ1	160	Before	Interior Girder 5	80	0.95	1	1	2.325757
SU7_str	BOBJ1	160	Before	Interior Girder 6	80	0.95	1	1	2.355187
SU7_str	BOBJ1	160	Before	Right Exterior Girder	80	0.95	1	1	3.273731
SU7_str	BOBJ1	160	After	Left Exterior Girder	0	0.95	1	1	3.238363
SU7_str	BOBJ1	160	After	Interior Girder 1	0	0.95	1	1	2.295853
SU7_str	BOBJ1	160	After	Interior Girder 2	0	0.95	1	1	2.282152
SU7_str	BOBJ1	160	After	Interior Girder 3	0	0.95	1	1	1.885531
SU7_str	BOBJ1	160	After	Interior Girder 4	0	0.95	1	1	1.888707
SU7_str	BOBJ1	160	After	Interior Girder 5	0	0.95	1	1	2.276805
SU7_str	BOBJ1	160	After	Interior Girder 6	0	0.95	1	1	2.298351
SU7_str	BOBJ1	160	After	Right Exterior Girder	0	0.95	1	1	3.242554
SU7_str	BOBJ1	166	Before	Left Exterior Girder	6	0.95	1	1	4.868406
SU7_str	BOBJ1	166	Before	Right Exterior Girder	6	0.95	1	1	4.874371
SU7_str	BOBJ1	166	After	Left Exterior Girder	6	0.95	1	1	3.141964
SU7_str	BOBJ1	166	After	Right Exterior Girder	6	0.95	1	1	3.145752
SU7_str	BOBJ1	168	Before	Left Exterior Girder	8	0.95	1	1	3.614027
SU7_str	BOBJ1	168	Before	Interior Girder 1	8	0.95	1	1	3.986354
SU7_str	BOBJ1	168	Before	Interior Girder 2	8	0.95	1	1	4.050497
SU7_str	BOBJ1	168	Before	Interior Girder 3	8	0.95	1	1	3.897692
SU7_str	BOBJ1	168	Before	Interior Girder 4	8	0.95	1	1	3.895953
SU7_str	BOBJ1	168	Before	Interior Girder 5	8	0.95	1	1	4.046002
SU7_str	BOBJ1	168	Before	Interior Girder 6	8	0.95	1	1	3.987501
SU7_str	BOBJ1	168	Before	Right Exterior Girder	8	0.95	1	1	3.618136
SU7_str	BOBJ1	168	After	Left Exterior Girder	8	0.95	1	1	3.569964
SU7_str	BOBJ1	168	After	Interior Girder 1	8	0.95	1	1	4.05811
SU7_str	BOBJ1	168	After	Interior Girder 2	8	0.95	1	1	4.096534
SU7_str	BOBJ1	168	After	Interior Girder 3	8	0.95	1	1	3.925227
SU7_str	BOBJ1	168	After	Interior Girder 4	8	0.95	1	1	3.922838
SU7_str	BOBJ1	168	After	Interior Girder 5	8	0.95	1	1	4.09214
SU7_str	BOBJ1	168	After	Interior Girder 6	8	0.95	1	1	4.059188
SU7_str	BOBJ1	168	After	Right Exterior Girder	8	0.95	1	1	3.573916
SU7_str	BOBJ1	170	Before	Interior Girder 1	10	0.95	1	1	4.469551
SU7_str	BOBJ1	170	Before	Interior Girder 2	10	0.95	1	1	4.510016
SU7_str	BOBJ1	170	Before	Interior Girder 3	10	0.95	1	1	4.423063
SU7_str	BOBJ1	170	Before	Interior Girder 4	10	0.95	1	1	4.420356
SU7_str	BOBJ1	170	Before	Interior Girder 5	10	0.95	1	1	4.505672
SU7_str	BOBJ1	170	Before	Interior Girder 6	10	0.95	1	1	4.470467
SU7_str	BOBJ1	170	After	Interior Girder 1	10	0.95	1	1	2.096995
SU7_str	BOBJ1	170	After	Interior Girder 2	10	0.95	1	1	2.172696

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelINonCompStrgth-Flx - Approach, Span 4-E									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
SU7_str	BOBJ1	170	After	Interior Girder 3	10	0.95	1	1	2.097437
SU7_str	BOBJ1	170	After	Interior Girder 4	10	0.95	1	1	2.096235
SU7_str	BOBJ1	170	After	Interior Girder 5	10	0.95	1	1	2.1705
SU7_str	BOBJ1	170	After	Interior Girder 6	10	0.95	1	1	2.097499
SU7_str	BOBJ1	176	Before	Left Exterior Girder	16	0.95	1	1	5.298118
SU7_str	BOBJ1	176	Before	Interior Girder 1	16	0.95	1	1	3.129552
SU7_str	BOBJ1	176	Before	Interior Girder 2	16	0.95	1	1	2.892847
SU7_str	BOBJ1	176	Before	Interior Girder 3	16	0.95	1	1	2.869311
SU7_str	BOBJ1	176	Before	Interior Girder 4	16	0.95	1	1	2.86993
SU7_str	BOBJ1	176	Before	Interior Girder 5	16	0.95	1	1	2.892211
SU7_str	BOBJ1	176	Before	Interior Girder 6	16	0.95	1	1	3.12983
SU7_str	BOBJ1	176	Before	Right Exterior Girder	16	0.95	1	1	5.302656
SU7_str	BOBJ1	176	After	Left Exterior Girder	16	0.95	1	1	5.501416
SU7_str	BOBJ1	176	After	Interior Girder 1	16	0.95	1	1	3.170703
SU7_str	BOBJ1	176	After	Interior Girder 2	16	0.95	1	1	2.879757
SU7_str	BOBJ1	176	After	Interior Girder 3	16	0.95	1	1	2.923549
SU7_str	BOBJ1	176	After	Interior Girder 4	16	0.95	1	1	2.919747
SU7_str	BOBJ1	176	After	Interior Girder 5	16	0.95	1	1	2.879665
SU7_str	BOBJ1	176	After	Interior Girder 6	16	0.95	1	1	3.171051
SU7_str	BOBJ1	176	After	Right Exterior Girder	16	0.95	1	1	5.506154
SU7_str	BOBJ1	181	Before	Interior Girder 1	21	0.95	1	1	1.826709
SU7_str	BOBJ1	181	Before	Interior Girder 2	21	0.95	1	1	1.731504
SU7_str	BOBJ1	181	Before	Interior Girder 3	21	0.95	1	1	1.71206
SU7_str	BOBJ1	181	Before	Interior Girder 4	21	0.95	1	1	1.717962
SU7_str	BOBJ1	181	Before	Interior Girder 5	21	0.95	1	1	1.727976
SU7_str	BOBJ1	181	Before	Interior Girder 6	21	0.95	1	1	1.830651
SU7_str	BOBJ1	181	After	Interior Girder 1	21	0.95	1	1	3.252548
SU7_str	BOBJ1	181	After	Interior Girder 2	21	0.95	1	1	3.054826
SU7_str	BOBJ1	181	After	Interior Girder 3	21	0.95	1	1	3.098235
SU7_str	BOBJ1	181	After	Interior Girder 4	21	0.95	1	1	3.108345
SU7_str	BOBJ1	181	After	Interior Girder 5	21	0.95	1	1	3.048555
SU7_str	BOBJ1	181	After	Interior Girder 6	21	0.95	1	1	3.259627
SU7_str	BOBJ1	184	Before	Left Exterior Girder	24	0.95	1	1	3.140527
SU7_str	BOBJ1	184	Before	Interior Girder 1	24	0.95	1	1	2.65448
SU7_str	BOBJ1	184	Before	Interior Girder 2	24	0.95	1	1	2.539864
SU7_str	BOBJ1	184	Before	Interior Girder 3	24	0.95	1	1	2.574611
SU7_str	BOBJ1	184	Before	Interior Girder 4	24	0.95	1	1	2.583467
SU7_str	BOBJ1	184	Before	Interior Girder 5	24	0.95	1	1	2.534235
SU7_str	BOBJ1	184	Before	Interior Girder 6	24	0.95	1	1	2.660204
SU7_str	BOBJ1	184	Before	Right Exterior Girder	24	0.95	1	1	3.143264
SU7_str	BOBJ1	184	After	Left Exterior Girder	24	0.95	1	1	3.215257
SU7_str	BOBJ1	184	After	Interior Girder 1	24	0.95	1	1	2.617546
SU7_str	BOBJ1	184	After	Interior Girder 2	24	0.95	1	1	2.543218
SU7_str	BOBJ1	184	After	Interior Girder 3	24	0.95	1	1	2.60293
SU7_str	BOBJ1	184	After	Interior Girder 4	24	0.95	1	1	2.613877
SU7_str	BOBJ1	184	After	Interior Girder 5	24	0.95	1	1	2.538746
SU7_str	BOBJ1	184	After	Interior Girder 6	24	0.95	1	1	2.622869
SU7_str	BOBJ1	184	After	Right Exterior Girder	24	0.95	1	1	3.217952
SU7_str	BOBJ1	192	Before	Left Exterior Girder	32	0.95	1	1	2.031147
SU7_str	BOBJ1	192	Before	Interior Girder 1	32	0.95	1	1	1.831792
SU7_str	BOBJ1	192	Before	Interior Girder 2	32	0.95	1	1	1.859208
SU7_str	BOBJ1	192	Before	Interior Girder 3	32	0.95	1	1	1.902513
SU7_str	BOBJ1	192	Before	Interior Girder 4	32	0.95	1	1	1.902656
SU7_str	BOBJ1	192	Before	Interior Girder 5	32	0.95	1	1	1.858245
SU7_str	BOBJ1	192	Before	Interior Girder 6	32	0.95	1	1	1.831633
SU7_str	BOBJ1	192	Before	Right Exterior Girder	32	0.95	1	1	2.033765
SU7_str	BOBJ1	192	After	Left Exterior Girder	32	0.95	1	1	2.074169
SU7_str	BOBJ1	192	After	Interior Girder 1	32	0.95	1	1	1.808136
SU7_str	BOBJ1	192	After	Interior Girder 2	32	0.95	1	1	1.854093
SU7_str	BOBJ1	192	After	Interior Girder 3	32	0.95	1	1	1.902319
SU7_str	BOBJ1	192	After	Interior Girder 4	32	0.95	1	1	1.902415
SU7_str	BOBJ1	192	After	Interior Girder 5	32	0.95	1	1	1.853481
SU7_str	BOBJ1	192	After	Interior Girder 6	32	0.95	1	1	1.807964
SU7_str	BOBJ1	192	After	Right Exterior Girder	32	0.95	1	1	2.076563
SU7_str	BOBJ1	200	Before	Left Exterior Girder	40	0.95	1	1	1.698042

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelINonCompStrgth-Flx - Approach, Span 4-E									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
SU7_str	BOBJ1	200	Before	Interior Girder 1	40	0.95	1	1	1.432409
SU7_str	BOBJ1	200	Before	Interior Girder 2	40	0.95	1	1	1.471852
SU7_str	BOBJ1	200	Before	Interior Girder 3	40	0.95	1	1	1.537203
SU7_str	BOBJ1	200	Before	Interior Girder 4	40	0.95	1	1	1.540259
SU7_str	BOBJ1	200	Before	Interior Girder 5	40	0.95	1	1	1.469275
SU7_str	BOBJ1	200	Before	Interior Girder 6	40	0.95	1	1	1.43431
SU7_str	BOBJ1	200	Before	Right Exterior Girder	40	0.95	1	1	1.699496
SU7_str	BOBJ1	200	After	Left Exterior Girder	40	0.95	1	1	1.711708
SU7_str	BOBJ1	200	After	Interior Girder 1	40	0.95	1	1	1.420896
SU7_str	BOBJ1	200	After	Interior Girder 2	40	0.95	1	1	1.467952
SU7_str	BOBJ1	200	After	Interior Girder 3	40	0.95	1	1	1.532496
SU7_str	BOBJ1	200	After	Interior Girder 4	40	0.95	1	1	1.535539
SU7_str	BOBJ1	200	After	Interior Girder 5	40	0.95	1	1	1.465362
SU7_str	BOBJ1	200	After	Interior Girder 6	40	0.95	1	1	1.422799
SU7_str	BOBJ1	200	After	Right Exterior Girder	40	0.95	1	1	1.713191
SU7_str	BOBJ1	208	Before	Left Exterior Girder	48	0.95	1	1	1.574639
SU7_str	BOBJ1	208	Before	Interior Girder 1	48	0.95	1	1	1.371169
SU7_str	BOBJ1	208	Before	Interior Girder 2	48	0.95	1	1	1.436989
SU7_str	BOBJ1	208	Before	Interior Girder 3	48	0.95	1	1	1.490875
SU7_str	BOBJ1	208	Before	Interior Girder 4	48	0.95	1	1	1.490624
SU7_str	BOBJ1	208	Before	Interior Girder 5	48	0.95	1	1	1.43607
SU7_str	BOBJ1	208	Before	Interior Girder 6	48	0.95	1	1	1.371143
SU7_str	BOBJ1	208	Before	Right Exterior Girder	48	0.95	1	1	1.576525
SU7_str	BOBJ1	208	After	Left Exterior Girder	48	0.95	1	1	1.568098
SU7_str	BOBJ1	208	After	Interior Girder 1	48	0.95	1	1	1.372682
SU7_str	BOBJ1	208	After	Interior Girder 2	48	0.95	1	1	1.439618
SU7_str	BOBJ1	208	After	Interior Girder 3	48	0.95	1	1	1.490509
SU7_str	BOBJ1	208	After	Interior Girder 4	48	0.95	1	1	1.490117
SU7_str	BOBJ1	208	After	Interior Girder 5	48	0.95	1	1	1.43879
SU7_str	BOBJ1	208	After	Interior Girder 6	48	0.95	1	1	1.372633
SU7_str	BOBJ1	208	After	Right Exterior Girder	48	0.95	1	1	1.570012
SU7_str	BOBJ1	216	Before	Left Exterior Girder	56	0.95	1	1	1.839874
SU7_str	BOBJ1	216	Before	Interior Girder 1	56	0.95	1	1	1.508539
SU7_str	BOBJ1	216	Before	Interior Girder 2	56	0.95	1	1	1.543427
SU7_str	BOBJ1	216	Before	Interior Girder 3	56	0.95	1	1	1.612245
SU7_str	BOBJ1	216	Before	Interior Girder 4	56	0.95	1	1	1.61718
SU7_str	BOBJ1	216	Before	Interior Girder 5	56	0.95	1	1	1.540552
SU7_str	BOBJ1	216	Before	Interior Girder 6	56	0.95	1	1	1.511054
SU7_str	BOBJ1	216	Before	Right Exterior Girder	56	0.95	1	1	1.841452
SU7_str	BOBJ1	216	After	Left Exterior Girder	56	0.95	1	1	1.809402
SU7_str	BOBJ1	216	After	Interior Girder 1	56	0.95	1	1	1.517001
SU7_str	BOBJ1	216	After	Interior Girder 2	56	0.95	1	1	1.544079
SU7_str	BOBJ1	216	After	Interior Girder 3	56	0.95	1	1	1.593743
SU7_str	BOBJ1	216	After	Interior Girder 4	56	0.95	1	1	1.597849
SU7_str	BOBJ1	216	After	Interior Girder 5	56	0.95	1	1	1.541076
SU7_str	BOBJ1	216	After	Interior Girder 6	56	0.95	1	1	1.519631
SU7_str	BOBJ1	216	After	Right Exterior Girder	56	0.95	1	1	1.811062
SU7_str	BOBJ1	224	Before	Left Exterior Girder	64	0.95	1	1	2.523355
SU7_str	BOBJ1	224	Before	Interior Girder 1	64	0.95	1	1	2.1615
SU7_str	BOBJ1	224	Before	Interior Girder 2	64	0.95	1	1	2.154435
SU7_str	BOBJ1	224	Before	Interior Girder 3	64	0.95	1	1	2.201039
SU7_str	BOBJ1	224	Before	Interior Girder 4	64	0.95	1	1	2.201273
SU7_str	BOBJ1	224	Before	Interior Girder 5	64	0.95	1	1	2.15369
SU7_str	BOBJ1	224	Before	Interior Girder 6	64	0.95	1	1	2.161355
SU7_str	BOBJ1	224	Before	Right Exterior Girder	64	0.95	1	1	2.525775
SU7_str	BOBJ1	224	After	Left Exterior Girder	64	0.95	1	1	2.458894
SU7_str	BOBJ1	224	After	Interior Girder 1	64	0.95	1	1	2.200776
SU7_str	BOBJ1	224	After	Interior Girder 2	64	0.95	1	1	2.147829
SU7_str	BOBJ1	224	After	Interior Girder 3	64	0.95	1	1	2.175541
SU7_str	BOBJ1	224	After	Interior Girder 4	64	0.95	1	1	2.176019
SU7_str	BOBJ1	224	After	Interior Girder 5	64	0.95	1	1	2.146378
SU7_str	BOBJ1	224	After	Interior Girder 6	64	0.95	1	1	2.200824
SU7_str	BOBJ1	224	After	Right Exterior Girder	64	0.95	1	1	2.461285
SU7_str	BOBJ1	232	Before	Left Exterior Girder	72	0.95	1	1	5.36689
SU7_str	BOBJ1	232	Before	Interior Girder 1	72	0.95	1	1	4.256743

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelINonCompStrgth-Flx - Approach, Span 4-E									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
SU7_str	BOBJ1	232	Before	Interior Girder 2	72	0.95	1	1	3.990241
SU7_str	BOBJ1	232	Before	Interior Girder 3	72	0.95	1	1	4.06565
SU7_str	BOBJ1	232	Before	Interior Girder 4	72	0.95	1	1	4.085327
SU7_str	BOBJ1	232	Before	Interior Girder 5	72	0.95	1	1	3.9845
SU7_str	BOBJ1	232	Before	Interior Girder 6	72	0.95	1	1	4.264554
SU7_str	BOBJ1	232	Before	Right Exterior Girder	72	0.95	1	1	5.372205
SU7_str	BOBJ1	232	After	Left Exterior Girder	72	0.95	1	1	5.308647
SU7_str	BOBJ1	232	After	Interior Girder 1	72	0.95	1	1	4.255461
SU7_str	BOBJ1	232	After	Interior Girder 2	72	0.95	1	1	3.935251
SU7_str	BOBJ1	232	After	Interior Girder 3	72	0.95	1	1	3.889017
SU7_str	BOBJ1	232	After	Interior Girder 4	72	0.95	1	1	3.908445
SU7_str	BOBJ1	232	After	Interior Girder 5	72	0.95	1	1	3.925354
SU7_str	BOBJ1	232	After	Interior Girder 6	72	0.95	1	1	4.267145
SU7_str	BOBJ1	232	After	Right Exterior Girder	72	0.95	1	1	5.314741
SU7_str	BOBJ1	240	Before	Left Exterior Girder	80	0.95	1	1	52.219165
SU7_str	BOBJ1	240	Before	Interior Girder 1	80	0.95	1	1	30.790994
SU7_str	BOBJ1	240	Before	Interior Girder 2	80	0.95	1	1	25.686484
SU7_str	BOBJ1	240	Before	Interior Girder 3	80	0.95	1	1	17.401559
SU7_str	BOBJ1	240	Before	Interior Girder 4	80	0.95	1	1	17.732319
SU7_str	BOBJ1	240	Before	Interior Girder 5	80	0.95	1	1	25.703274
SU7_str	BOBJ1	240	Before	Interior Girder 6	80	0.95	1	1	30.797902
SU7_str	BOBJ1	240	Before	Right Exterior Girder	80	0.95	1	1	52.218871
Type 3_str	BOBJ1	0	After	Left Exterior Girder	0	0.95	1	1	539.27549
Type 3_str	BOBJ1	0	After	Interior Girder 1	0	0.95	1	1	465.142071
Type 3_str	BOBJ1	0	After	Interior Girder 2	0	0.95	1	1	434.197526
Type 3_str	BOBJ1	0	After	Interior Girder 3	0	0.95	1	1	280.355293
Type 3_str	BOBJ1	0	After	Interior Girder 4	0	0.95	1	1	284.759243
Type 3_str	BOBJ1	0	After	Interior Girder 5	0	0.95	1	1	430.377213
Type 3_str	BOBJ1	0	After	Interior Girder 6	0	0.95	1	1	442.995397
Type 3_str	BOBJ1	0	After	Right Exterior Girder	0	0.95	1	1	555.30108
Type 3_str	BOBJ1	8	Before	Left Exterior Girder	8	0.95	1	1	7.914317
Type 3_str	BOBJ1	8	Before	Interior Girder 1	8	0.95	1	1	5.923699
Type 3_str	BOBJ1	8	Before	Interior Girder 2	8	0.95	1	1	5.586205
Type 3_str	BOBJ1	8	Before	Interior Girder 3	8	0.95	1	1	5.16021
Type 3_str	BOBJ1	8	Before	Interior Girder 4	8	0.95	1	1	5.192367
Type 3_str	BOBJ1	8	Before	Interior Girder 5	8	0.95	1	1	5.567139
Type 3_str	BOBJ1	8	Before	Interior Girder 6	8	0.95	1	1	5.948676
Type 3_str	BOBJ1	8	Before	Right Exterior Girder	8	0.95	1	1	7.92501
Type 3_str	BOBJ1	8	After	Left Exterior Girder	8	0.95	1	1	8.011756
Type 3_str	BOBJ1	8	After	Interior Girder 1	8	0.95	1	1	5.904303
Type 3_str	BOBJ1	8	After	Interior Girder 2	8	0.95	1	1	5.698591
Type 3_str	BOBJ1	8	After	Interior Girder 3	8	0.95	1	1	5.35761
Type 3_str	BOBJ1	8	After	Interior Girder 4	8	0.95	1	1	5.3882
Type 3_str	BOBJ1	8	After	Interior Girder 5	8	0.95	1	1	5.680787
Type 3_str	BOBJ1	8	After	Interior Girder 6	8	0.95	1	1	5.926994
Type 3_str	BOBJ1	8	After	Right Exterior Girder	8	0.95	1	1	8.021119
Type 3_str	BOBJ1	16	Before	Left Exterior Girder	16	0.95	1	1	3.646394
Type 3_str	BOBJ1	16	Before	Interior Girder 1	16	0.95	1	1	3.543423
Type 3_str	BOBJ1	16	Before	Interior Girder 2	16	0.95	1	1	3.405573
Type 3_str	BOBJ1	16	Before	Interior Girder 3	16	0.95	1	1	3.376247
Type 3_str	BOBJ1	16	Before	Interior Girder 4	16	0.95	1	1	3.375965
Type 3_str	BOBJ1	16	Before	Interior Girder 5	16	0.95	1	1	3.404924
Type 3_str	BOBJ1	16	Before	Interior Girder 6	16	0.95	1	1	3.542905
Type 3_str	BOBJ1	16	Before	Right Exterior Girder	16	0.95	1	1	3.651171
Type 3_str	BOBJ1	16	After	Left Exterior Girder	16	0.95	1	1	3.720074
Type 3_str	BOBJ1	16	After	Interior Girder 1	16	0.95	1	1	3.508893
Type 3_str	BOBJ1	16	After	Interior Girder 2	16	0.95	1	1	3.409904
Type 3_str	BOBJ1	16	After	Interior Girder 3	16	0.95	1	1	3.425421
Type 3_str	BOBJ1	16	After	Interior Girder 4	16	0.95	1	1	3.427665
Type 3_str	BOBJ1	16	After	Interior Girder 5	16	0.95	1	1	3.410139
Type 3_str	BOBJ1	16	After	Interior Girder 6	16	0.95	1	1	3.508344
Type 3_str	BOBJ1	16	After	Right Exterior Girder	16	0.95	1	1	3.724653
Type 3_str	BOBJ1	20.5	Before	Left Exterior Girder	20.5	0.95	1	1	3.018575
Type 3_str	BOBJ1	20.5	Before	Right Exterior Girder	20.5	0.95	1	1	3.021072
Type 3_str	BOBJ1	20.5	After	Left Exterior Girder	20.5	0.95	1	1	4.471688

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelINonCompStrgth-Flx - Approach, Span 4-6									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Type 3_str	BOBJ1	20.5	After	Right Exterior Girder	20.5	0.95	1	1	4.475167
Type 3_str	BOBJ1	24	Before	Left Exterior Girder	24	0.95	1	1	4.004721
Type 3_str	BOBJ1	24	Before	Interior Girder 1	24	0.95	1	1	2.551097
Type 3_str	BOBJ1	24	Before	Interior Girder 2	24	0.95	1	1	2.541174
Type 3_str	BOBJ1	24	Before	Interior Girder 3	24	0.95	1	1	2.563536
Type 3_str	BOBJ1	24	Before	Interior Girder 4	24	0.95	1	1	2.569454
Type 3_str	BOBJ1	24	Before	Interior Girder 5	24	0.95	1	1	2.53558
Type 3_str	BOBJ1	24	Before	Interior Girder 6	24	0.95	1	1	2.556087
Type 3_str	BOBJ1	24	Before	Right Exterior Girder	24	0.95	1	1	4.008239
Type 3_str	BOBJ1	24	After	Left Exterior Girder	24	0.95	1	1	4.013771
Type 3_str	BOBJ1	24	After	Interior Girder 1	24	0.95	1	1	2.55971
Type 3_str	BOBJ1	24	After	Interior Girder 2	24	0.95	1	1	2.536961
Type 3_str	BOBJ1	24	After	Interior Girder 3	24	0.95	1	1	2.573258
Type 3_str	BOBJ1	24	After	Interior Girder 4	24	0.95	1	1	2.581558
Type 3_str	BOBJ1	24	After	Interior Girder 5	24	0.95	1	1	2.531433
Type 3_str	BOBJ1	24	After	Interior Girder 6	24	0.95	1	1	2.564664
Type 3_str	BOBJ1	24	After	Right Exterior Girder	24	0.95	1	1	4.017121
Type 3_str	BOBJ1	32	Before	Left Exterior Girder	32	0.95	1	1	3.41737
Type 3_str	BOBJ1	32	Before	Interior Girder 1	32	0.95	1	1	2.408969
Type 3_str	BOBJ1	32	Before	Interior Girder 2	32	0.95	1	1	2.401058
Type 3_str	BOBJ1	32	Before	Interior Girder 3	32	0.95	1	1	2.466227
Type 3_str	BOBJ1	32	Before	Interior Girder 4	32	0.95	1	1	2.466544
Type 3_str	BOBJ1	32	Before	Interior Girder 5	32	0.95	1	1	2.399426
Type 3_str	BOBJ1	32	Before	Interior Girder 6	32	0.95	1	1	2.408704
Type 3_str	BOBJ1	32	Before	Right Exterior Girder	32	0.95	1	1	3.42147
Type 3_str	BOBJ1	32	After	Left Exterior Girder	32	0.95	1	1	3.430332
Type 3_str	BOBJ1	32	After	Interior Girder 1	32	0.95	1	1	2.409906
Type 3_str	BOBJ1	32	After	Interior Girder 2	32	0.95	1	1	2.394167
Type 3_str	BOBJ1	32	After	Interior Girder 3	32	0.95	1	1	2.460344
Type 3_str	BOBJ1	32	After	Interior Girder 4	32	0.95	1	1	2.461609
Type 3_str	BOBJ1	32	After	Interior Girder 5	32	0.95	1	1	2.393486
Type 3_str	BOBJ1	32	After	Interior Girder 6	32	0.95	1	1	2.409774
Type 3_str	BOBJ1	32	After	Right Exterior Girder	32	0.95	1	1	3.434194
Type 3_str	BOBJ1	40	Before	Left Exterior Girder	40	0.95	1	1	3.723863
Type 3_str	BOBJ1	40	Before	Interior Girder 1	40	0.95	1	1	2.448627
Type 3_str	BOBJ1	40	Before	Interior Girder 2	40	0.95	1	1	2.445133
Type 3_str	BOBJ1	40	Before	Interior Girder 3	40	0.95	1	1	2.514694
Type 3_str	BOBJ1	40	Before	Interior Girder 4	40	0.95	1	1	2.523928
Type 3_str	BOBJ1	40	Before	Interior Girder 5	40	0.95	1	1	2.440901
Type 3_str	BOBJ1	40	Before	Interior Girder 6	40	0.95	1	1	2.452394
Type 3_str	BOBJ1	40	Before	Right Exterior Girder	40	0.95	1	1	3.727141
Type 3_str	BOBJ1	40	After	Left Exterior Girder	40	0.95	1	1	3.718177
Type 3_str	BOBJ1	40	After	Interior Girder 1	40	0.95	1	1	2.458207
Type 3_str	BOBJ1	40	After	Interior Girder 2	40	0.95	1	1	2.442248
Type 3_str	BOBJ1	40	After	Interior Girder 3	40	0.95	1	1	2.510514
Type 3_str	BOBJ1	40	After	Interior Girder 4	40	0.95	1	1	2.516698
Type 3_str	BOBJ1	40	After	Interior Girder 5	40	0.95	1	1	2.437287
Type 3_str	BOBJ1	40	After	Interior Girder 6	40	0.95	1	1	2.462734
Type 3_str	BOBJ1	40	After	Right Exterior Girder	40	0.95	1	1	3.721482
Type 3_str	BOBJ1	46.5	Before	Left Exterior Girder	46.5	0.95	1	1	4.245326
Type 3_str	BOBJ1	46.5	Before	Right Exterior Girder	46.5	0.95	1	1	4.249871
Type 3_str	BOBJ1	46.5	After	Left Exterior Girder	46.5	0.95	1	1	2.922152
Type 3_str	BOBJ1	46.5	After	Right Exterior Girder	46.5	0.95	1	1	2.925386
Type 3_str	BOBJ1	48	Before	Left Exterior Girder	48	0.95	1	1	3.10962
Type 3_str	BOBJ1	48	Before	Interior Girder 1	48	0.95	1	1	3.02751
Type 3_str	BOBJ1	48	Before	Interior Girder 2	48	0.95	1	1	3.035129
Type 3_str	BOBJ1	48	Before	Interior Girder 3	48	0.95	1	1	3.099378
Type 3_str	BOBJ1	48	Before	Interior Girder 4	48	0.95	1	1	3.101892
Type 3_str	BOBJ1	48	Before	Interior Girder 5	48	0.95	1	1	3.035503
Type 3_str	BOBJ1	48	Before	Interior Girder 6	48	0.95	1	1	3.027363
Type 3_str	BOBJ1	48	Before	Right Exterior Girder	48	0.95	1	1	3.113236
Type 3_str	BOBJ1	48	After	Left Exterior Girder	48	0.95	1	1	3.054309
Type 3_str	BOBJ1	48	After	Interior Girder 1	48	0.95	1	1	3.067563
Type 3_str	BOBJ1	48	After	Interior Girder 2	48	0.95	1	1	3.043446
Type 3_str	BOBJ1	48	After	Interior Girder 3	48	0.95	1	1	3.098441

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelINonCompStrgth-Flx - Approach, Span 4-E									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Type 3_str	BOBJ1	48	After	Interior Girder 4	48	0.95	1	1	3.099958
Type 3_str	BOBJ1	48	After	Interior Girder 5	48	0.95	1	1	3.041257
Type 3_str	BOBJ1	48	After	Interior Girder 6	48	0.95	1	1	3.06726
Type 3_str	BOBJ1	48	After	Right Exterior Girder	48	0.95	1	1	3.058003
Type 3_str	BOBJ1	56	Before	Left Exterior Girder	56	0.95	1	1	4.85149
Type 3_str	BOBJ1	56	Before	Interior Girder 1	56	0.95	1	1	4.202286
Type 3_str	BOBJ1	56	Before	Interior Girder 2	56	0.95	1	1	4.084737
Type 3_str	BOBJ1	56	Before	Interior Girder 3	56	0.95	1	1	4.124109
Type 3_str	BOBJ1	56	Before	Interior Girder 4	56	0.95	1	1	4.144078
Type 3_str	BOBJ1	56	Before	Interior Girder 5	56	0.95	1	1	4.077404
Type 3_str	BOBJ1	56	Before	Interior Girder 6	56	0.95	1	1	4.212372
Type 3_str	BOBJ1	56	Before	Right Exterior Girder	56	0.95	1	1	4.85508
Type 3_str	BOBJ1	56	After	Left Exterior Girder	56	0.95	1	1	4.738499
Type 3_str	BOBJ1	56	After	Interior Girder 1	56	0.95	1	1	4.26484
Type 3_str	BOBJ1	56	After	Interior Girder 2	56	0.95	1	1	4.081989
Type 3_str	BOBJ1	56	After	Interior Girder 3	56	0.95	1	1	4.090092
Type 3_str	BOBJ1	56	After	Interior Girder 4	56	0.95	1	1	4.106644
Type 3_str	BOBJ1	56	After	Interior Girder 5	56	0.95	1	1	4.072855
Type 3_str	BOBJ1	56	After	Interior Girder 6	56	0.95	1	1	4.275339
Type 3_str	BOBJ1	56	After	Right Exterior Girder	56	0.95	1	1	4.742317
Type 3_str	BOBJ1	59	Before	Interior Girder 1	59	0.95	1	1	5.163318
Type 3_str	BOBJ1	59	Before	Interior Girder 2	59	0.95	1	1	4.869728
Type 3_str	BOBJ1	59	Before	Interior Girder 3	59	0.95	1	1	4.902265
Type 3_str	BOBJ1	59	Before	Interior Girder 4	59	0.95	1	1	4.925724
Type 3_str	BOBJ1	59	Before	Interior Girder 5	59	0.95	1	1	4.860818
Type 3_str	BOBJ1	59	Before	Interior Girder 6	59	0.95	1	1	5.173352
Type 3_str	BOBJ1	59	After	Interior Girder 1	59	0.95	1	1	2.626649
Type 3_str	BOBJ1	59	After	Interior Girder 2	59	0.95	1	1	2.506548
Type 3_str	BOBJ1	59	After	Interior Girder 3	59	0.95	1	1	2.45308
Type 3_str	BOBJ1	59	After	Interior Girder 4	59	0.95	1	1	2.463745
Type 3_str	BOBJ1	59	After	Interior Girder 5	59	0.95	1	1	2.501543
Type 3_str	BOBJ1	59	After	Interior Girder 6	59	0.95	1	1	2.631528
Type 3_str	BOBJ1	64	Before	Left Exterior Girder	64	0.95	1	1	8.441254
Type 3_str	BOBJ1	64	Before	Interior Girder 1	64	0.95	1	1	4.555686
Type 3_str	BOBJ1	64	Before	Interior Girder 2	64	0.95	1	1	4.069204
Type 3_str	BOBJ1	64	Before	Interior Girder 3	64	0.95	1	1	4.068941
Type 3_str	BOBJ1	64	Before	Interior Girder 4	64	0.95	1	1	4.072429
Type 3_str	BOBJ1	64	Before	Interior Girder 5	64	0.95	1	1	4.071594
Type 3_str	BOBJ1	64	Before	Interior Girder 6	64	0.95	1	1	4.552991
Type 3_str	BOBJ1	64	Before	Right Exterior Girder	64	0.95	1	1	8.448328
Type 3_str	BOBJ1	64	After	Left Exterior Girder	64	0.95	1	1	8.114643
Type 3_str	BOBJ1	64	After	Interior Girder 1	64	0.95	1	1	4.644399
Type 3_str	BOBJ1	64	After	Interior Girder 2	64	0.95	1	1	4.102393
Type 3_str	BOBJ1	64	After	Interior Girder 3	64	0.95	1	1	4.02752
Type 3_str	BOBJ1	64	After	Interior Girder 4	64	0.95	1	1	4.034078
Type 3_str	BOBJ1	64	After	Interior Girder 5	64	0.95	1	1	4.104087
Type 3_str	BOBJ1	64	After	Interior Girder 6	64	0.95	1	1	4.644851
Type 3_str	BOBJ1	64	After	Right Exterior Girder	64	0.95	1	1	8.121379
Type 3_str	BOBJ1	69	Before	Interior Girder 1	69	0.95	1	1	3.345688
Type 3_str	BOBJ1	69	Before	Interior Girder 2	69	0.95	1	1	3.446234
Type 3_str	BOBJ1	69	Before	Interior Girder 3	69	0.95	1	1	3.36775
Type 3_str	BOBJ1	69	Before	Interior Girder 4	69	0.95	1	1	3.366291
Type 3_str	BOBJ1	69	Before	Interior Girder 5	69	0.95	1	1	3.442333
Type 3_str	BOBJ1	69	Before	Interior Girder 6	69	0.95	1	1	3.346627
Type 3_str	BOBJ1	69	After	Interior Girder 1	69	0.95	1	1	7.309354
Type 3_str	BOBJ1	69	After	Interior Girder 2	69	0.95	1	1	7.396785
Type 3_str	BOBJ1	69	After	Interior Girder 3	69	0.95	1	1	7.311949
Type 3_str	BOBJ1	69	After	Interior Girder 4	69	0.95	1	1	7.308449
Type 3_str	BOBJ1	69	After	Interior Girder 5	69	0.95	1	1	7.388865
Type 3_str	BOBJ1	69	After	Interior Girder 6	69	0.95	1	1	7.311028
Type 3_str	BOBJ1	72	Before	Left Exterior Girder	72	0.95	1	1	5.622426
Type 3_str	BOBJ1	72	Before	Interior Girder 1	72	0.95	1	1	6.387611
Type 3_str	BOBJ1	72	Before	Interior Girder 2	72	0.95	1	1	6.434968
Type 3_str	BOBJ1	72	Before	Interior Girder 3	72	0.95	1	1	6.164944
Type 3_str	BOBJ1	72	Before	Interior Girder 4	72	0.95	1	1	6.162138

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelINonCompStrgth-Flx - Approach, Span 4-E									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Type 3_str	BOBJ1	72	Before	Interior Girder 5	72	0.95	1	1	6.426851
Type 3_str	BOBJ1	72	Before	Interior Girder 6	72	0.95	1	1	6.389824
Type 3_str	BOBJ1	72	Before	Right Exterior Girder	72	0.95	1	1	5.628086
Type 3_str	BOBJ1	72	After	Left Exterior Girder	72	0.95	1	1	5.665366
Type 3_str	BOBJ1	72	After	Interior Girder 1	72	0.95	1	1	6.293811
Type 3_str	BOBJ1	72	After	Interior Girder 2	72	0.95	1	1	6.350077
Type 3_str	BOBJ1	72	After	Interior Girder 3	72	0.95	1	1	6.123984
Type 3_str	BOBJ1	72	After	Interior Girder 4	72	0.95	1	1	6.120668
Type 3_str	BOBJ1	72	After	Interior Girder 5	72	0.95	1	1	6.341832
Type 3_str	BOBJ1	72	After	Interior Girder 6	72	0.95	1	1	6.296094
Type 3_str	BOBJ1	72	After	Right Exterior Girder	72	0.95	1	1	5.671194
Type 3_str	BOBJ1	72.5	Before	Left Exterior Girder	72.5	0.95	1	1	5.458927
Type 3_str	BOBJ1	72.5	Before	Right Exterior Girder	72.5	0.95	1	1	5.46466
Type 3_str	BOBJ1	72.5	After	Left Exterior Girder	72.5	0.95	1	1	8.29909
Type 3_str	BOBJ1	72.5	After	Right Exterior Girder	72.5	0.95	1	1	8.307915
Type 3_str	BOBJ1	80	Before	Left Exterior Girder	80	0.95	1	1	5.642981
Type 3_str	BOBJ1	80	Before	Interior Girder 1	80	0.95	1	1	3.98437
Type 3_str	BOBJ1	80	Before	Interior Girder 2	80	0.95	1	1	3.835469
Type 3_str	BOBJ1	80	Before	Interior Girder 3	80	0.95	1	1	3.158422
Type 3_str	BOBJ1	80	Before	Interior Girder 4	80	0.95	1	1	3.163705
Type 3_str	BOBJ1	80	Before	Interior Girder 5	80	0.95	1	1	3.826917
Type 3_str	BOBJ1	80	Before	Interior Girder 6	80	0.95	1	1	3.986648
Type 3_str	BOBJ1	80	Before	Right Exterior Girder	80	0.95	1	1	5.649724
Type 3_str	BOBJ1	80	After	Left Exterior Girder	0	0.95	1	1	5.469199
Type 3_str	BOBJ1	80	After	Interior Girder 1	0	0.95	1	1	3.878205
Type 3_str	BOBJ1	80	After	Interior Girder 2	0	0.95	1	1	3.801944
Type 3_str	BOBJ1	80	After	Interior Girder 3	0	0.95	1	1	3.137948
Type 3_str	BOBJ1	80	After	Interior Girder 4	0	0.95	1	1	3.145323
Type 3_str	BOBJ1	80	After	Interior Girder 5	0	0.95	1	1	3.795039
Type 3_str	BOBJ1	80	After	Interior Girder 6	0	0.95	1	1	3.884941
Type 3_str	BOBJ1	80	After	Right Exterior Girder	0	0.95	1	1	5.476661
Type 3_str	BOBJ1	87.5	Before	Left Exterior Girder	7.5	0.95	1	1	8.82585
Type 3_str	BOBJ1	87.5	Before	Right Exterior Girder	7.5	0.95	1	1	8.834909
Type 3_str	BOBJ1	87.5	After	Left Exterior Girder	7.5	0.95	1	1	5.694425
Type 3_str	BOBJ1	87.5	After	Right Exterior Girder	7.5	0.95	1	1	5.700121
Type 3_str	BOBJ1	88	Before	Left Exterior Girder	8	0.95	1	1	5.875141
Type 3_str	BOBJ1	88	Before	Interior Girder 1	8	0.95	1	1	6.158458
Type 3_str	BOBJ1	88	Before	Interior Girder 2	8	0.95	1	1	6.155072
Type 3_str	BOBJ1	88	Before	Interior Girder 3	8	0.95	1	1	5.844066
Type 3_str	BOBJ1	88	Before	Interior Girder 4	8	0.95	1	1	5.840833
Type 3_str	BOBJ1	88	Before	Interior Girder 5	8	0.95	1	1	6.146687
Type 3_str	BOBJ1	88	Before	Interior Girder 6	8	0.95	1	1	6.160639
Type 3_str	BOBJ1	88	Before	Right Exterior Girder	8	0.95	1	1	5.880927
Type 3_str	BOBJ1	88	After	Left Exterior Girder	8	0.95	1	1	5.901896
Type 3_str	BOBJ1	88	After	Interior Girder 1	8	0.95	1	1	6.191258
Type 3_str	BOBJ1	88	After	Interior Girder 2	8	0.95	1	1	6.232956
Type 3_str	BOBJ1	88	After	Interior Girder 3	8	0.95	1	1	5.880794
Type 3_str	BOBJ1	88	After	Interior Girder 4	8	0.95	1	1	5.878164
Type 3_str	BOBJ1	88	After	Interior Girder 5	8	0.95	1	1	6.224748
Type 3_str	BOBJ1	88	After	Interior Girder 6	8	0.95	1	1	6.193303
Type 3_str	BOBJ1	88	After	Right Exterior Girder	8	0.95	1	1	5.907522
Type 3_str	BOBJ1	91	Before	Interior Girder 1	11	0.95	1	1	6.982976
Type 3_str	BOBJ1	91	Before	Interior Girder 2	11	0.95	1	1	7.114285
Type 3_str	BOBJ1	91	Before	Interior Girder 3	11	0.95	1	1	6.953888
Type 3_str	BOBJ1	91	Before	Interior Girder 4	11	0.95	1	1	6.950477
Type 3_str	BOBJ1	91	Before	Interior Girder 5	11	0.95	1	1	7.106311
Type 3_str	BOBJ1	91	Before	Interior Girder 6	11	0.95	1	1	6.984506
Type 3_str	BOBJ1	91	After	Interior Girder 1	11	0.95	1	1	2.854978
Type 3_str	BOBJ1	91	After	Interior Girder 2	11	0.95	1	1	2.981344
Type 3_str	BOBJ1	91	After	Interior Girder 3	11	0.95	1	1	2.876976
Type 3_str	BOBJ1	91	After	Interior Girder 4	11	0.95	1	1	2.87577
Type 3_str	BOBJ1	91	After	Interior Girder 5	11	0.95	1	1	2.977861
Type 3_str	BOBJ1	91	After	Interior Girder 6	11	0.95	1	1	2.85573
Type 3_str	BOBJ1	96	Before	Left Exterior Girder	16	0.95	1	1	8.690279
Type 3_str	BOBJ1	96	Before	Interior Girder 1	16	0.95	1	1	3.89365

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelINonCompStrgth-Flx - Approach, Span 4-E									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Type 3_str	BOBJ1	96	Before	Interior Girder 2	16	0.95	1	1	4.087759
Type 3_str	BOBJ1	96	Before	Interior Girder 3	16	0.95	1	1	4.28378
Type 3_str	BOBJ1	96	Before	Interior Girder 4	16	0.95	1	1	4.28189
Type 3_str	BOBJ1	96	Before	Interior Girder 5	16	0.95	1	1	4.084475
Type 3_str	BOBJ1	96	Before	Interior Girder 6	16	0.95	1	1	3.893974
Type 3_str	BOBJ1	96	Before	Right Exterior Girder	16	0.95	1	1	8.696934
Type 3_str	BOBJ1	96	After	Left Exterior Girder	16	0.95	1	1	4.229681
Type 3_str	BOBJ1	96	After	Interior Girder 1	16	0.95	1	1	4.603248
Type 3_str	BOBJ1	96	After	Interior Girder 2	16	0.95	1	1	4.779701
Type 3_str	BOBJ1	96	After	Interior Girder 3	16	0.95	1	1	4.943541
Type 3_str	BOBJ1	96	After	Interior Girder 4	16	0.95	1	1	4.94161
Type 3_str	BOBJ1	96	After	Interior Girder 5	16	0.95	1	1	4.775506
Type 3_str	BOBJ1	96	After	Interior Girder 6	16	0.95	1	1	4.603826
Type 3_str	BOBJ1	96	After	Right Exterior Girder	16	0.95	1	1	4.233056
Type 3_str	BOBJ1	104	Before	Left Exterior Girder	24	0.95	1	1	4.002285
Type 3_str	BOBJ1	104	Before	Interior Girder 1	24	0.95	1	1	3.248992
Type 3_str	BOBJ1	104	Before	Interior Girder 2	24	0.95	1	1	3.093029
Type 3_str	BOBJ1	104	Before	Interior Girder 3	24	0.95	1	1	3.0346
Type 3_str	BOBJ1	104	Before	Interior Girder 4	24	0.95	1	1	3.05039
Type 3_str	BOBJ1	104	Before	Interior Girder 5	24	0.95	1	1	3.08674
Type 3_str	BOBJ1	104	Before	Interior Girder 6	24	0.95	1	1	3.257863
Type 3_str	BOBJ1	104	Before	Right Exterior Girder	24	0.95	1	1	4.00629
Type 3_str	BOBJ1	104	After	Left Exterior Girder	24	0.95	1	1	4.115878
Type 3_str	BOBJ1	104	After	Interior Girder 1	24	0.95	1	1	3.191432
Type 3_str	BOBJ1	104	After	Interior Girder 2	24	0.95	1	1	3.080801
Type 3_str	BOBJ1	104	After	Interior Girder 3	24	0.95	1	1	3.06446
Type 3_str	BOBJ1	104	After	Interior Girder 4	24	0.95	1	1	3.082232
Type 3_str	BOBJ1	104	After	Interior Girder 5	24	0.95	1	1	3.076421
Type 3_str	BOBJ1	104	After	Interior Girder 6	24	0.95	1	1	3.199867
Type 3_str	BOBJ1	104	After	Right Exterior Girder	24	0.95	1	1	4.119736
Type 3_str	BOBJ1	112	Before	Left Exterior Girder	32	0.95	1	1	2.62946
Type 3_str	BOBJ1	112	Before	Interior Girder 1	32	0.95	1	1	2.520274
Type 3_str	BOBJ1	112	Before	Interior Girder 2	32	0.95	1	1	2.48646
Type 3_str	BOBJ1	112	Before	Interior Girder 3	32	0.95	1	1	2.532183
Type 3_str	BOBJ1	112	Before	Interior Girder 4	32	0.95	1	1	2.533349
Type 3_str	BOBJ1	112	Before	Interior Girder 5	32	0.95	1	1	2.486988
Type 3_str	BOBJ1	112	Before	Interior Girder 6	32	0.95	1	1	2.519793
Type 3_str	BOBJ1	112	Before	Right Exterior Girder	32	0.95	1	1	2.63301
Type 3_str	BOBJ1	112	After	Left Exterior Girder	32	0.95	1	1	2.673295
Type 3_str	BOBJ1	112	After	Interior Girder 1	32	0.95	1	1	2.493717
Type 3_str	BOBJ1	112	After	Interior Girder 2	32	0.95	1	1	2.47647
Type 3_str	BOBJ1	112	After	Interior Girder 3	32	0.95	1	1	2.532632
Type 3_str	BOBJ1	112	After	Interior Girder 4	32	0.95	1	1	2.533836
Type 3_str	BOBJ1	112	After	Interior Girder 5	32	0.95	1	1	2.477876
Type 3_str	BOBJ1	112	After	Interior Girder 6	32	0.95	1	1	2.493402
Type 3_str	BOBJ1	112	After	Right Exterior Girder	32	0.95	1	1	2.676601
Type 3_str	BOBJ1	120	Before	Left Exterior Girder	40	0.95	1	1	2.468286
Type 3_str	BOBJ1	120	Before	Interior Girder 1	40	0.95	1	1	2.185627
Type 3_str	BOBJ1	120	Before	Interior Girder 2	40	0.95	1	1	2.183228
Type 3_str	BOBJ1	120	Before	Interior Girder 3	40	0.95	1	1	2.205312
Type 3_str	BOBJ1	120	Before	Interior Girder 4	40	0.95	1	1	2.215258
Type 3_str	BOBJ1	120	Before	Interior Girder 5	40	0.95	1	1	2.178323
Type 3_str	BOBJ1	120	Before	Interior Girder 6	40	0.95	1	1	2.190367
Type 3_str	BOBJ1	120	Before	Right Exterior Girder	40	0.95	1	1	2.470464
Type 3_str	BOBJ1	120	After	Left Exterior Girder	40	0.95	1	1	2.472198
Type 3_str	BOBJ1	120	After	Interior Girder 1	40	0.95	1	1	2.183421
Type 3_str	BOBJ1	120	After	Interior Girder 2	40	0.95	1	1	2.182243
Type 3_str	BOBJ1	120	After	Interior Girder 3	40	0.95	1	1	2.20571
Type 3_str	BOBJ1	120	After	Interior Girder 4	40	0.95	1	1	2.215729
Type 3_str	BOBJ1	120	After	Interior Girder 5	40	0.95	1	1	2.177262
Type 3_str	BOBJ1	120	After	Interior Girder 6	40	0.95	1	1	2.188113
Type 3_str	BOBJ1	120	After	Right Exterior Girder	40	0.95	1	1	2.474376
Type 3_str	BOBJ1	128	Before	Left Exterior Girder	48	0.95	1	1	2.627123
Type 3_str	BOBJ1	128	Before	Interior Girder 1	48	0.95	1	1	2.473662
Type 3_str	BOBJ1	128	Before	Interior Girder 2	48	0.95	1	1	2.459867

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelINonCompStrgth-Flx - Approach, Span 4-6									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Type 3_str	BOBJ1	128	Before	Interior Girder 3	48	0.95	1	1	2.517773
Type 3_str	BOBJ1	128	Before	Interior Girder 4	48	0.95	1	1	2.518947
Type 3_str	BOBJ1	128	Before	Interior Girder 5	48	0.95	1	1	2.461216
Type 3_str	BOBJ1	128	Before	Interior Girder 6	48	0.95	1	1	2.473337
Type 3_str	BOBJ1	128	Before	Right Exterior Girder	48	0.95	1	1	2.630364
Type 3_str	BOBJ1	128	After	Left Exterior Girder	48	0.95	1	1	2.58974
Type 3_str	BOBJ1	128	After	Interior Girder 1	48	0.95	1	1	2.494362
Type 3_str	BOBJ1	128	After	Interior Girder 2	48	0.95	1	1	2.469627
Type 3_str	BOBJ1	128	After	Interior Girder 3	48	0.95	1	1	2.518528
Type 3_str	BOBJ1	128	After	Interior Girder 4	48	0.95	1	1	2.519633
Type 3_str	BOBJ1	128	After	Interior Girder 5	48	0.95	1	1	2.470102
Type 3_str	BOBJ1	128	After	Interior Girder 6	48	0.95	1	1	2.493879
Type 3_str	BOBJ1	128	After	Right Exterior Girder	48	0.95	1	1	2.59322
Type 3_str	BOBJ1	136	Before	Left Exterior Girder	56	0.95	1	1	3.96524
Type 3_str	BOBJ1	136	Before	Interior Girder 1	56	0.95	1	1	3.139179
Type 3_str	BOBJ1	136	Before	Interior Girder 2	56	0.95	1	1	3.041817
Type 3_str	BOBJ1	136	Before	Interior Girder 3	56	0.95	1	1	3.030107
Type 3_str	BOBJ1	136	Before	Interior Girder 4	56	0.95	1	1	3.047415
Type 3_str	BOBJ1	136	Before	Interior Girder 5	56	0.95	1	1	3.037439
Type 3_str	BOBJ1	136	Before	Interior Girder 6	56	0.95	1	1	3.147365
Type 3_str	BOBJ1	136	Before	Right Exterior Girder	56	0.95	1	1	3.968968
Type 3_str	BOBJ1	136	After	Left Exterior Girder	56	0.95	1	1	3.862399
Type 3_str	BOBJ1	136	After	Interior Girder 1	56	0.95	1	1	3.190825
Type 3_str	BOBJ1	136	After	Interior Girder 2	56	0.95	1	1	3.05424
Type 3_str	BOBJ1	136	After	Interior Girder 3	56	0.95	1	1	3.003306
Type 3_str	BOBJ1	136	After	Interior Girder 4	56	0.95	1	1	3.018655
Type 3_str	BOBJ1	136	After	Interior Girder 5	56	0.95	1	1	3.047997
Type 3_str	BOBJ1	136	After	Interior Girder 6	56	0.95	1	1	3.19941
Type 3_str	BOBJ1	136	After	Right Exterior Girder	56	0.95	1	1	3.866253
Type 3_str	BOBJ1	144	Before	Left Exterior Girder	64	0.95	1	1	4.18756
Type 3_str	BOBJ1	144	Before	Interior Girder 1	64	0.95	1	1	4.527809
Type 3_str	BOBJ1	144	Before	Interior Girder 2	64	0.95	1	1	4.738988
Type 3_str	BOBJ1	144	Before	Interior Girder 3	64	0.95	1	1	4.942829
Type 3_str	BOBJ1	144	Before	Interior Girder 4	64	0.95	1	1	4.941023
Type 3_str	BOBJ1	144	Before	Interior Girder 5	64	0.95	1	1	4.735111
Type 3_str	BOBJ1	144	Before	Interior Girder 6	64	0.95	1	1	4.528376
Type 3_str	BOBJ1	144	Before	Right Exterior Girder	64	0.95	1	1	4.190752
Type 3_str	BOBJ1	144	After	Left Exterior Girder	64	0.95	1	1	7.918364
Type 3_str	BOBJ1	144	After	Interior Girder 1	64	0.95	1	1	3.823767
Type 3_str	BOBJ1	144	After	Interior Girder 2	64	0.95	1	1	4.050678
Type 3_str	BOBJ1	144	After	Interior Girder 3	64	0.95	1	1	4.282448
Type 3_str	BOBJ1	144	After	Interior Girder 4	64	0.95	1	1	4.280648
Type 3_str	BOBJ1	144	After	Interior Girder 5	64	0.95	1	1	4.047646
Type 3_str	BOBJ1	144	After	Interior Girder 6	64	0.95	1	1	3.824109
Type 3_str	BOBJ1	144	After	Right Exterior Girder	64	0.95	1	1	7.924164
Type 3_str	BOBJ1	150	Before	Interior Girder 1	70	0.95	1	1	2.608243
Type 3_str	BOBJ1	150	Before	Interior Girder 2	70	0.95	1	1	2.751505
Type 3_str	BOBJ1	150	Before	Interior Girder 3	70	0.95	1	1	2.656325
Type 3_str	BOBJ1	150	Before	Interior Girder 4	70	0.95	1	1	2.655226
Type 3_str	BOBJ1	150	Before	Interior Girder 5	70	0.95	1	1	2.748329
Type 3_str	BOBJ1	150	Before	Interior Girder 6	70	0.95	1	1	2.608966
Type 3_str	BOBJ1	150	After	Interior Girder 1	70	0.95	1	1	6.148305
Type 3_str	BOBJ1	150	After	Interior Girder 2	70	0.95	1	1	6.296699
Type 3_str	BOBJ1	150	After	Interior Girder 3	70	0.95	1	1	6.162876
Type 3_str	BOBJ1	150	After	Interior Girder 4	70	0.95	1	1	6.159894
Type 3_str	BOBJ1	150	After	Interior Girder 5	70	0.95	1	1	6.289714
Type 3_str	BOBJ1	150	After	Interior Girder 6	70	0.95	1	1	6.149723
Type 3_str	BOBJ1	152	Before	Left Exterior Girder	72	0.95	1	1	5.274632
Type 3_str	BOBJ1	152	Before	Interior Girder 1	72	0.95	1	1	5.625554
Type 3_str	BOBJ1	152	Before	Interior Girder 2	72	0.95	1	1	5.745585
Type 3_str	BOBJ1	152	Before	Interior Girder 3	72	0.95	1	1	5.493618
Type 3_str	BOBJ1	152	Before	Interior Girder 4	72	0.95	1	1	5.491181
Type 3_str	BOBJ1	152	Before	Interior Girder 5	72	0.95	1	1	5.738481
Type 3_str	BOBJ1	152	Before	Interior Girder 6	72	0.95	1	1	5.627289
Type 3_str	BOBJ1	152	Before	Right Exterior Girder	72	0.95	1	1	5.279452

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelINonCompStrgth-Flx - Approach, Span 4-E									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Type 3_str	BOBJ1	152	After	Left Exterior Girder	72	0.95	1	1	5.291148
Type 3_str	BOBJ1	152	After	Interior Girder 1	72	0.95	1	1	5.581263
Type 3_str	BOBJ1	152	After	Interior Girder 2	72	0.95	1	1	5.680194
Type 3_str	BOBJ1	152	After	Interior Girder 3	72	0.95	1	1	5.46217
Type 3_str	BOBJ1	152	After	Interior Girder 4	72	0.95	1	1	5.459206
Type 3_str	BOBJ1	152	After	Interior Girder 5	72	0.95	1	1	5.672924
Type 3_str	BOBJ1	152	After	Interior Girder 6	72	0.95	1	1	5.583056
Type 3_str	BOBJ1	152	After	Right Exterior Girder	72	0.95	1	1	5.296119
Type 3_str	BOBJ1	154	Before	Left Exterior Girder	74	0.95	1	1	4.627075
Type 3_str	BOBJ1	154	Before	Right Exterior Girder	74	0.95	1	1	4.631701
Type 3_str	BOBJ1	154	After	Left Exterior Girder	74	0.95	1	1	7.259611
Type 3_str	BOBJ1	154	After	Right Exterior Girder	74	0.95	1	1	7.267011
Type 3_str	BOBJ1	160	Before	Left Exterior Girder	80	0.95	1	1	5.013048
Type 3_str	BOBJ1	160	Before	Interior Girder 1	80	0.95	1	1	3.608387
Type 3_str	BOBJ1	160	Before	Interior Girder 2	80	0.95	1	1	3.575423
Type 3_str	BOBJ1	160	Before	Interior Girder 3	80	0.95	1	1	2.960044
Type 3_str	BOBJ1	160	Before	Interior Girder 4	80	0.95	1	1	2.966815
Type 3_str	BOBJ1	160	Before	Interior Girder 5	80	0.95	1	1	3.56896
Type 3_str	BOBJ1	160	Before	Interior Girder 6	80	0.95	1	1	3.610157
Type 3_str	BOBJ1	160	Before	Right Exterior Girder	80	0.95	1	1	5.018621
Type 3_str	BOBJ1	160	After	Left Exterior Girder	0	0.95	1	1	4.942491
Type 3_str	BOBJ1	160	After	Interior Girder 1	0	0.95	1	1	3.507809
Type 3_str	BOBJ1	160	After	Interior Girder 2	0	0.95	1	1	3.484762
Type 3_str	BOBJ1	160	After	Interior Girder 3	0	0.95	1	1	2.890633
Type 3_str	BOBJ1	160	After	Interior Girder 4	0	0.95	1	1	2.895165
Type 3_str	BOBJ1	160	After	Interior Girder 5	0	0.95	1	1	3.477342
Type 3_str	BOBJ1	160	After	Interior Girder 6	0	0.95	1	1	3.513529
Type 3_str	BOBJ1	160	After	Right Exterior Girder	0	0.95	1	1	4.948231
Type 3_str	BOBJ1	166	Before	Left Exterior Girder	6	0.95	1	1	7.435222
Type 3_str	BOBJ1	166	Before	Right Exterior Girder	6	0.95	1	1	7.443462
Type 3_str	BOBJ1	166	After	Left Exterior Girder	6	0.95	1	1	4.799547
Type 3_str	BOBJ1	166	After	Right Exterior Girder	6	0.95	1	1	4.804807
Type 3_str	BOBJ1	168	Before	Left Exterior Girder	8	0.95	1	1	5.52033
Type 3_str	BOBJ1	168	Before	Interior Girder 1	8	0.95	1	1	6.094994
Type 3_str	BOBJ1	168	Before	Interior Girder 2	8	0.95	1	1	6.181345
Type 3_str	BOBJ1	168	Before	Interior Girder 3	8	0.95	1	1	5.956328
Type 3_str	BOBJ1	168	Before	Interior Girder 4	8	0.95	1	1	5.953046
Type 3_str	BOBJ1	168	Before	Interior Girder 5	8	0.95	1	1	6.173418
Type 3_str	BOBJ1	168	Before	Interior Girder 6	8	0.95	1	1	6.097054
Type 3_str	BOBJ1	168	Before	Right Exterior Girder	8	0.95	1	1	5.526034
Type 3_str	BOBJ1	168	After	Left Exterior Girder	8	0.95	1	1	5.453919
Type 3_str	BOBJ1	168	After	Interior Girder 1	8	0.95	1	1	6.201909
Type 3_str	BOBJ1	168	After	Interior Girder 2	8	0.95	1	1	6.256238
Type 3_str	BOBJ1	168	After	Interior Girder 3	8	0.95	1	1	5.993845
Type 3_str	BOBJ1	168	After	Interior Girder 4	8	0.95	1	1	5.991018
Type 3_str	BOBJ1	168	After	Interior Girder 5	8	0.95	1	1	6.248465
Type 3_str	BOBJ1	168	After	Interior Girder 6	8	0.95	1	1	6.203943
Type 3_str	BOBJ1	168	After	Right Exterior Girder	8	0.95	1	1	5.459442
Type 3_str	BOBJ1	170	Before	Interior Girder 1	10	0.95	1	1	6.828429
Type 3_str	BOBJ1	170	Before	Interior Girder 2	10	0.95	1	1	6.893518
Type 3_str	BOBJ1	170	Before	Interior Girder 3	10	0.95	1	1	6.755028
Type 3_str	BOBJ1	170	Before	Interior Girder 4	10	0.95	1	1	6.751717
Type 3_str	BOBJ1	170	Before	Interior Girder 5	10	0.95	1	1	6.885839
Type 3_str	BOBJ1	170	Before	Interior Girder 6	10	0.95	1	1	6.83012
Type 3_str	BOBJ1	170	After	Interior Girder 1	10	0.95	1	1	3.204117
Type 3_str	BOBJ1	170	After	Interior Girder 2	10	0.95	1	1	3.319963
Type 3_str	BOBJ1	170	After	Interior Girder 3	10	0.95	1	1	3.203464
Type 3_str	BOBJ1	170	After	Interior Girder 4	10	0.95	1	1	3.202043
Type 3_str	BOBJ1	170	After	Interior Girder 5	10	0.95	1	1	3.316082
Type 3_str	BOBJ1	170	After	Interior Girder 6	10	0.95	1	1	3.205067
Type 3_str	BOBJ1	176	Before	Left Exterior Girder	16	0.95	1	1	8.089476
Type 3_str	BOBJ1	176	Before	Interior Girder 1	16	0.95	1	1	4.765014
Type 3_str	BOBJ1	176	Before	Interior Girder 2	16	0.95	1	1	4.145112
Type 3_str	BOBJ1	176	Before	Interior Girder 3	16	0.95	1	1	4.051661
Type 3_str	BOBJ1	176	Before	Interior Girder 4	16	0.95	1	1	4.058568

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelINonCompStrgth-Flx - Approach, Span 4-E									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Type 3_str	BOBJ1	176	Before	Interior Girder 5	16	0.95	1	1	4.147067
Type 3_str	BOBJ1	176	Before	Interior Girder 6	16	0.95	1	1	4.763863
Type 3_str	BOBJ1	176	Before	Right Exterior Girder	16	0.95	1	1	8.096096
Type 3_str	BOBJ1	176	After	Left Exterior Girder	16	0.95	1	1	8.400893
Type 3_str	BOBJ1	176	After	Interior Girder 1	16	0.95	1	1	4.667981
Type 3_str	BOBJ1	176	After	Interior Girder 2	16	0.95	1	1	4.112578
Type 3_str	BOBJ1	176	After	Interior Girder 3	16	0.95	1	1	4.101189
Type 3_str	BOBJ1	176	After	Interior Girder 4	16	0.95	1	1	4.104247
Type 3_str	BOBJ1	176	After	Interior Girder 5	16	0.95	1	1	4.115261
Type 3_str	BOBJ1	176	After	Interior Girder 6	16	0.95	1	1	4.6636
Type 3_str	BOBJ1	176	After	Right Exterior Girder	16	0.95	1	1	8.407803
Type 3_str	BOBJ1	181	Before	Interior Girder 1	21	0.95	1	1	2.674564
Type 3_str	BOBJ1	181	Before	Interior Girder 2	21	0.95	1	1	2.537903
Type 3_str	BOBJ1	181	Before	Interior Girder 3	21	0.95	1	1	2.497137
Type 3_str	BOBJ1	181	Before	Interior Girder 4	21	0.95	1	1	2.507805
Type 3_str	BOBJ1	181	Before	Interior Girder 5	21	0.95	1	1	2.532919
Type 3_str	BOBJ1	181	Before	Interior Girder 6	21	0.95	1	1	2.679499
Type 3_str	BOBJ1	181	After	Interior Girder 1	21	0.95	1	1	4.770812
Type 3_str	BOBJ1	181	After	Interior Girder 2	21	0.95	1	1	4.47788
Type 3_str	BOBJ1	181	After	Interior Girder 3	21	0.95	1	1	4.52057
Type 3_str	BOBJ1	181	After	Interior Girder 4	21	0.95	1	1	4.544261
Type 3_str	BOBJ1	181	After	Interior Girder 5	21	0.95	1	1	4.469608
Type 3_str	BOBJ1	181	After	Interior Girder 6	21	0.95	1	1	4.780032
Type 3_str	BOBJ1	184	Before	Left Exterior Girder	24	0.95	1	1	4.718968
Type 3_str	BOBJ1	184	Before	Interior Girder 1	24	0.95	1	1	3.895984
Type 3_str	BOBJ1	184	Before	Interior Girder 2	24	0.95	1	1	3.735617
Type 3_str	BOBJ1	184	Before	Interior Girder 3	24	0.95	1	1	3.762589
Type 3_str	BOBJ1	184	Before	Interior Girder 4	24	0.95	1	1	3.778213
Type 3_str	BOBJ1	184	Before	Interior Girder 5	24	0.95	1	1	3.726962
Type 3_str	BOBJ1	184	Before	Interior Girder 6	24	0.95	1	1	3.905564
Type 3_str	BOBJ1	184	Before	Right Exterior Girder	24	0.95	1	1	4.722856
Type 3_str	BOBJ1	184	After	Left Exterior Girder	24	0.95	1	1	4.834489
Type 3_str	BOBJ1	184	After	Interior Girder 1	24	0.95	1	1	3.845482
Type 3_str	BOBJ1	184	After	Interior Girder 2	24	0.95	1	1	3.731169
Type 3_str	BOBJ1	184	After	Interior Girder 3	24	0.95	1	1	3.784654
Type 3_str	BOBJ1	184	After	Interior Girder 4	24	0.95	1	1	3.803168
Type 3_str	BOBJ1	184	After	Interior Girder 5	24	0.95	1	1	3.724177
Type 3_str	BOBJ1	184	After	Interior Girder 6	24	0.95	1	1	3.854686
Type 3_str	BOBJ1	184	After	Right Exterior Girder	24	0.95	1	1	4.837931
Type 3_str	BOBJ1	192	Before	Left Exterior Girder	32	0.95	1	1	3.060586
Type 3_str	BOBJ1	192	Before	Interior Girder 1	32	0.95	1	1	2.722676
Type 3_str	BOBJ1	192	Before	Interior Girder 2	32	0.95	1	1	2.74501
Type 3_str	BOBJ1	192	Before	Interior Girder 3	32	0.95	1	1	2.816525
Type 3_str	BOBJ1	192	Before	Interior Girder 4	32	0.95	1	1	2.818163
Type 3_str	BOBJ1	192	Before	Interior Girder 5	32	0.95	1	1	2.743101
Type 3_str	BOBJ1	192	Before	Interior Girder 6	32	0.95	1	1	2.722441
Type 3_str	BOBJ1	192	Before	Right Exterior Girder	32	0.95	1	1	3.064242
Type 3_str	BOBJ1	192	After	Left Exterior Girder	32	0.95	1	1	3.124351
Type 3_str	BOBJ1	192	After	Interior Girder 1	32	0.95	1	1	2.686494
Type 3_str	BOBJ1	192	After	Interior Girder 2	32	0.95	1	1	2.731765
Type 3_str	BOBJ1	192	After	Interior Girder 3	32	0.95	1	1	2.810582
Type 3_str	BOBJ1	192	After	Interior Girder 4	32	0.95	1	1	2.812788
Type 3_str	BOBJ1	192	After	Interior Girder 5	32	0.95	1	1	2.731092
Type 3_str	BOBJ1	192	After	Interior Girder 6	32	0.95	1	1	2.686443
Type 3_str	BOBJ1	192	After	Right Exterior Girder	32	0.95	1	1	3.127879
Type 3_str	BOBJ1	200	Before	Left Exterior Girder	40	0.95	1	1	2.570515
Type 3_str	BOBJ1	200	Before	Interior Girder 1	40	0.95	1	1	2.131035
Type 3_str	BOBJ1	200	Before	Interior Girder 2	40	0.95	1	1	2.183513
Type 3_str	BOBJ1	200	Before	Interior Girder 3	40	0.95	1	1	2.272391
Type 3_str	BOBJ1	200	Before	Interior Girder 4	40	0.95	1	1	2.277799
Type 3_str	BOBJ1	200	Before	Interior Girder 5	40	0.95	1	1	2.179143
Type 3_str	BOBJ1	200	Before	Interior Girder 6	40	0.95	1	1	2.134933
Type 3_str	BOBJ1	200	Before	Right Exterior Girder	40	0.95	1	1	2.572711
Type 3_str	BOBJ1	200	After	Left Exterior Girder	40	0.95	1	1	2.590922
Type 3_str	BOBJ1	200	After	Interior Girder 1	40	0.95	1	1	2.118137

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelINonCompStrgth-Flx - Approach, Span 4-E									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Type 3_str	BOBJ1	200	After	Interior Girder 2	40	0.95	1	1	2.181038
Type 3_str	BOBJ1	200	After	Interior Girder 3	40	0.95	1	1	2.26889
Type 3_str	BOBJ1	200	After	Interior Girder 4	40	0.95	1	1	2.277509
Type 3_str	BOBJ1	200	After	Interior Girder 5	40	0.95	1	1	2.176718
Type 3_str	BOBJ1	200	After	Interior Girder 6	40	0.95	1	1	2.121952
Type 3_str	BOBJ1	200	After	Right Exterior Girder	40	0.95	1	1	2.593115
Type 3_str	BOBJ1	208	Before	Left Exterior Girder	48	0.95	1	1	2.379228
Type 3_str	BOBJ1	208	Before	Interior Girder 1	48	0.95	1	1	2.045768
Type 3_str	BOBJ1	208	Before	Interior Girder 2	48	0.95	1	1	2.134428
Type 3_str	BOBJ1	208	Before	Interior Girder 3	48	0.95	1	1	2.21945
Type 3_str	BOBJ1	208	Before	Interior Girder 4	48	0.95	1	1	2.220627
Type 3_str	BOBJ1	208	Before	Interior Girder 5	48	0.95	1	1	2.133201
Type 3_str	BOBJ1	208	Before	Interior Girder 6	48	0.95	1	1	2.045715
Type 3_str	BOBJ1	208	Before	Right Exterior Girder	48	0.95	1	1	2.381906
Type 3_str	BOBJ1	208	After	Left Exterior Girder	48	0.95	1	1	2.367678
Type 3_str	BOBJ1	208	After	Interior Girder 1	48	0.95	1	1	2.046868
Type 3_str	BOBJ1	208	After	Interior Girder 2	48	0.95	1	1	2.13809
Type 3_str	BOBJ1	208	After	Interior Girder 3	48	0.95	1	1	2.22042
Type 3_str	BOBJ1	208	After	Interior Girder 4	48	0.95	1	1	2.220969
Type 3_str	BOBJ1	208	After	Interior Girder 5	48	0.95	1	1	2.136699
Type 3_str	BOBJ1	208	After	Interior Girder 6	48	0.95	1	1	2.046724
Type 3_str	BOBJ1	208	After	Right Exterior Girder	48	0.95	1	1	2.370449
Type 3_str	BOBJ1	216	Before	Left Exterior Girder	56	0.95	1	1	2.783906
Type 3_str	BOBJ1	216	Before	Interior Girder 1	56	0.95	1	1	2.235709
Type 3_str	BOBJ1	216	Before	Interior Girder 2	56	0.95	1	1	2.280523
Type 3_str	BOBJ1	216	Before	Interior Girder 3	56	0.95	1	1	2.358058
Type 3_str	BOBJ1	216	Before	Interior Girder 4	56	0.95	1	1	2.366917
Type 3_str	BOBJ1	216	Before	Interior Girder 5	56	0.95	1	1	2.27576
Type 3_str	BOBJ1	216	Before	Interior Girder 6	56	0.95	1	1	2.239938
Type 3_str	BOBJ1	216	Before	Right Exterior Girder	56	0.95	1	1	2.785975
Type 3_str	BOBJ1	216	After	Left Exterior Girder	56	0.95	1	1	2.74037
Type 3_str	BOBJ1	216	After	Interior Girder 1	56	0.95	1	1	2.249203
Type 3_str	BOBJ1	216	After	Interior Girder 2	56	0.95	1	1	2.285721
Type 3_str	BOBJ1	216	After	Interior Girder 3	56	0.95	1	1	2.341083
Type 3_str	BOBJ1	216	After	Interior Girder 4	56	0.95	1	1	2.346414
Type 3_str	BOBJ1	216	After	Interior Girder 5	56	0.95	1	1	2.280813
Type 3_str	BOBJ1	216	After	Interior Girder 6	56	0.95	1	1	2.253571
Type 3_str	BOBJ1	216	After	Right Exterior Girder	56	0.95	1	1	2.742592
Type 3_str	BOBJ1	224	Before	Left Exterior Girder	64	0.95	1	1	3.73925
Type 3_str	BOBJ1	224	Before	Interior Girder 1	64	0.95	1	1	3.154258
Type 3_str	BOBJ1	224	Before	Interior Girder 2	64	0.95	1	1	3.123295
Type 3_str	BOBJ1	224	Before	Interior Girder 3	64	0.95	1	1	3.221266
Type 3_str	BOBJ1	224	Before	Interior Girder 4	64	0.95	1	1	3.223466
Type 3_str	BOBJ1	224	Before	Interior Girder 5	64	0.95	1	1	3.124197
Type 3_str	BOBJ1	224	Before	Interior Girder 6	64	0.95	1	1	3.153724
Type 3_str	BOBJ1	224	Before	Right Exterior Girder	64	0.95	1	1	3.743235
Type 3_str	BOBJ1	224	After	Left Exterior Girder	64	0.95	1	1	3.640644
Type 3_str	BOBJ1	224	After	Interior Girder 1	64	0.95	1	1	3.199326
Type 3_str	BOBJ1	224	After	Interior Girder 2	64	0.95	1	1	3.119206
Type 3_str	BOBJ1	224	After	Interior Girder 3	64	0.95	1	1	3.156162
Type 3_str	BOBJ1	224	After	Interior Girder 4	64	0.95	1	1	3.158503
Type 3_str	BOBJ1	224	After	Interior Girder 5	64	0.95	1	1	3.118708
Type 3_str	BOBJ1	224	After	Interior Girder 6	64	0.95	1	1	3.19882
Type 3_str	BOBJ1	224	After	Right Exterior Girder	64	0.95	1	1	3.644852
Type 3_str	BOBJ1	232	Before	Left Exterior Girder	72	0.95	1	1	7.767838
Type 3_str	BOBJ1	232	Before	Interior Girder 1	72	0.95	1	1	5.71362
Type 3_str	BOBJ1	232	Before	Interior Girder 2	72	0.95	1	1	5.412435
Type 3_str	BOBJ1	232	Before	Interior Girder 3	72	0.95	1	1	5.404435
Type 3_str	BOBJ1	232	Before	Interior Girder 4	72	0.95	1	1	5.433092
Type 3_str	BOBJ1	232	Before	Interior Girder 5	72	0.95	1	1	5.40482
Type 3_str	BOBJ1	232	Before	Interior Girder 6	72	0.95	1	1	5.729653
Type 3_str	BOBJ1	232	Before	Right Exterior Girder	72	0.95	1	1	7.776309
Type 3_str	BOBJ1	232	After	Left Exterior Girder	72	0.95	1	1	7.711311
Type 3_str	BOBJ1	232	After	Interior Girder 1	72	0.95	1	1	5.693493
Type 3_str	BOBJ1	232	After	Interior Girder 2	72	0.95	1	1	5.344382

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelINonCompStrgth-Flx - Approach, Span 4-E									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Type 3_str	BOBJ1	232	After	Interior Girder 3	72	0.95	1	1	5.174286
Type 3_str	BOBJ1	232	After	Interior Girder 4	72	0.95	1	1	5.203791
Type 3_str	BOBJ1	232	After	Interior Girder 5	72	0.95	1	1	5.332339
Type 3_str	BOBJ1	232	After	Interior Girder 6	72	0.95	1	1	5.713084
Type 3_str	BOBJ1	232	After	Right Exterior Girder	72	0.95	1	1	7.720983
Type 3_str	BOBJ1	240	Before	Left Exterior Girder	80	0.95	1	1	73.840735
Type 3_str	BOBJ1	240	Before	Interior Girder 1	80	0.95	1	1	42.96319
Type 3_str	BOBJ1	240	Before	Interior Girder 2	80	0.95	1	1	35.880654
Type 3_str	BOBJ1	240	Before	Interior Girder 3	80	0.95	1	1	24.704852
Type 3_str	BOBJ1	240	Before	Interior Girder 4	80	0.95	1	1	24.970715
Type 3_str	BOBJ1	240	Before	Interior Girder 5	80	0.95	1	1	35.498676
Type 3_str	BOBJ1	240	Before	Interior Girder 6	80	0.95	1	1	42.96319
Type 3_str	BOBJ1	240	Before	Right Exterior Girder	80	0.95	1	1	73.492387
Type 3S2_str	BOBJ1	0	After	Left Exterior Girder	0	0.95	1	1	461.770367
Type 3S2_str	BOBJ1	0	After	Interior Girder 1	0	0.95	1	1	395.314997
Type 3S2_str	BOBJ1	0	After	Interior Girder 2	0	0.95	1	1	447.459503
Type 3S2_str	BOBJ1	0	After	Interior Girder 3	0	0.95	1	1	271.694415
Type 3S2_str	BOBJ1	0	After	Interior Girder 4	0	0.95	1	1	276.702303
Type 3S2_str	BOBJ1	0	After	Interior Girder 5	0	0.95	1	1	449.868071
Type 3S2_str	BOBJ1	0	After	Interior Girder 6	0	0.95	1	1	384.530779
Type 3S2_str	BOBJ1	0	After	Right Exterior Girder	0	0.95	1	1	461.770366
Type 3S2_str	BOBJ1	8	Before	Left Exterior Girder	8	0.95	1	1	6.686033
Type 3S2_str	BOBJ1	8	Before	Interior Girder 1	8	0.95	1	1	5.618967
Type 3S2_str	BOBJ1	8	Before	Interior Girder 2	8	0.95	1	1	5.408061
Type 3S2_str	BOBJ1	8	Before	Interior Girder 3	8	0.95	1	1	5.086224
Type 3S2_str	BOBJ1	8	Before	Interior Girder 4	8	0.95	1	1	5.113764
Type 3S2_str	BOBJ1	8	Before	Interior Girder 5	8	0.95	1	1	5.39729
Type 3S2_str	BOBJ1	8	Before	Interior Girder 6	8	0.95	1	1	5.638152
Type 3S2_str	BOBJ1	8	Before	Right Exterior Girder	8	0.95	1	1	6.694093
Type 3S2_str	BOBJ1	8	After	Left Exterior Girder	8	0.95	1	1	6.870607
Type 3S2_str	BOBJ1	8	After	Interior Girder 1	8	0.95	1	1	5.527223
Type 3S2_str	BOBJ1	8	After	Interior Girder 2	8	0.95	1	1	5.481064
Type 3S2_str	BOBJ1	8	After	Interior Girder 3	8	0.95	1	1	5.29238
Type 3S2_str	BOBJ1	8	After	Interior Girder 4	8	0.95	1	1	5.323737
Type 3S2_str	BOBJ1	8	After	Interior Girder 5	8	0.95	1	1	5.470778
Type 3S2_str	BOBJ1	8	After	Interior Girder 6	8	0.95	1	1	5.54485
Type 3S2_str	BOBJ1	8	After	Right Exterior Girder	8	0.95	1	1	6.877392
Type 3S2_str	BOBJ1	16	Before	Left Exterior Girder	16	0.95	1	1	3.184167
Type 3S2_str	BOBJ1	16	Before	Interior Girder 1	16	0.95	1	1	3.264627
Type 3S2_str	BOBJ1	16	Before	Interior Girder 2	16	0.95	1	1	3.188042
Type 3S2_str	BOBJ1	16	Before	Interior Girder 3	16	0.95	1	1	3.177655
Type 3S2_str	BOBJ1	16	Before	Interior Girder 4	16	0.95	1	1	3.180272
Type 3S2_str	BOBJ1	16	Before	Interior Girder 5	16	0.95	1	1	3.191087
Type 3S2_str	BOBJ1	16	Before	Interior Girder 6	16	0.95	1	1	3.265314
Type 3S2_str	BOBJ1	16	Before	Right Exterior Girder	16	0.95	1	1	3.188451
Type 3S2_str	BOBJ1	16	After	Left Exterior Girder	16	0.95	1	1	3.264381
Type 3S2_str	BOBJ1	16	After	Interior Girder 1	16	0.95	1	1	3.205379
Type 3S2_str	BOBJ1	16	After	Interior Girder 2	16	0.95	1	1	3.192989
Type 3S2_str	BOBJ1	16	After	Interior Girder 3	16	0.95	1	1	3.215333
Type 3S2_str	BOBJ1	16	After	Interior Girder 4	16	0.95	1	1	3.218044
Type 3S2_str	BOBJ1	16	After	Interior Girder 5	16	0.95	1	1	3.196459
Type 3S2_str	BOBJ1	16	After	Interior Girder 6	16	0.95	1	1	3.205869
Type 3S2_str	BOBJ1	16	After	Right Exterior Girder	16	0.95	1	1	3.268522
Type 3S2_str	BOBJ1	20.5	Before	Left Exterior Girder	20.5	0.95	1	1	2.602459
Type 3S2_str	BOBJ1	20.5	Before	Right Exterior Girder	20.5	0.95	1	1	2.605261
Type 3S2_str	BOBJ1	20.5	After	Left Exterior Girder	20.5	0.95	1	1	3.861791
Type 3S2_str	BOBJ1	20.5	After	Right Exterior Girder	20.5	0.95	1	1	3.865788
Type 3S2_str	BOBJ1	24	Before	Left Exterior Girder	24	0.95	1	1	3.436701
Type 3S2_str	BOBJ1	24	Before	Interior Girder 1	24	0.95	1	1	2.304857
Type 3S2_str	BOBJ1	24	Before	Interior Girder 2	24	0.95	1	1	2.333451
Type 3S2_str	BOBJ1	24	Before	Interior Girder 3	24	0.95	1	1	2.381881
Type 3S2_str	BOBJ1	24	Before	Interior Girder 4	24	0.95	1	1	2.386612
Type 3S2_str	BOBJ1	24	Before	Interior Girder 5	24	0.95	1	1	2.329893
Type 3S2_str	BOBJ1	24	Before	Interior Girder 6	24	0.95	1	1	2.30803
Type 3S2_str	BOBJ1	24	Before	Right Exterior Girder	24	0.95	1	1	3.439933

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelINonCompStrgth-Flx - Approach, Span 4-E									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Type 3S2_str	BOBJ1	24	After	Left Exterior Girder	24	0.95	1	1	3.447517
Type 3S2_str	BOBJ1	24	After	Interior Girder 1	24	0.95	1	1	2.310182
Type 3S2_str	BOBJ1	24	After	Interior Girder 2	24	0.95	1	1	2.331512
Type 3S2_str	BOBJ1	24	After	Interior Girder 3	24	0.95	1	1	2.389107
Type 3S2_str	BOBJ1	24	After	Interior Girder 4	24	0.95	1	1	2.393955
Type 3S2_str	BOBJ1	24	After	Interior Girder 5	24	0.95	1	1	2.327361
Type 3S2_str	BOBJ1	24	After	Interior Girder 6	24	0.95	1	1	2.313427
Type 3S2_str	BOBJ1	24	After	Right Exterior Girder	24	0.95	1	1	3.450486
Type 3S2_str	BOBJ1	32	Before	Left Exterior Girder	32	0.95	1	1	2.941324
Type 3S2_str	BOBJ1	32	Before	Interior Girder 1	32	0.95	1	1	2.169597
Type 3S2_str	BOBJ1	32	Before	Interior Girder 2	32	0.95	1	1	2.213744
Type 3S2_str	BOBJ1	32	Before	Interior Girder 3	32	0.95	1	1	2.228019
Type 3S2_str	BOBJ1	32	Before	Interior Girder 4	32	0.95	1	1	2.228933
Type 3S2_str	BOBJ1	32	Before	Interior Girder 5	32	0.95	1	1	2.215588
Type 3S2_str	BOBJ1	32	Before	Interior Girder 6	32	0.95	1	1	2.16888
Type 3S2_str	BOBJ1	32	Before	Right Exterior Girder	32	0.95	1	1	2.944478
Type 3S2_str	BOBJ1	32	After	Left Exterior Girder	32	0.95	1	1	2.956662
Type 3S2_str	BOBJ1	32	After	Interior Girder 1	32	0.95	1	1	2.168477
Type 3S2_str	BOBJ1	32	After	Interior Girder 2	32	0.95	1	1	2.208947
Type 3S2_str	BOBJ1	32	After	Interior Girder 3	32	0.95	1	1	2.226729
Type 3S2_str	BOBJ1	32	After	Interior Girder 4	32	0.95	1	1	2.227393
Type 3S2_str	BOBJ1	32	After	Interior Girder 5	32	0.95	1	1	2.209877
Type 3S2_str	BOBJ1	32	After	Interior Girder 6	32	0.95	1	1	2.167749
Type 3S2_str	BOBJ1	32	After	Right Exterior Girder	32	0.95	1	1	2.959773
Type 3S2_str	BOBJ1	40	Before	Left Exterior Girder	40	0.95	1	1	3.215199
Type 3S2_str	BOBJ1	40	Before	Interior Girder 1	40	0.95	1	1	2.219643
Type 3S2_str	BOBJ1	40	Before	Interior Girder 2	40	0.95	1	1	2.274828
Type 3S2_str	BOBJ1	40	Before	Interior Girder 3	40	0.95	1	1	2.28433
Type 3S2_str	BOBJ1	40	Before	Interior Girder 4	40	0.95	1	1	2.288395
Type 3S2_str	BOBJ1	40	Before	Interior Girder 5	40	0.95	1	1	2.273032
Type 3S2_str	BOBJ1	40	Before	Interior Girder 6	40	0.95	1	1	2.222483
Type 3S2_str	BOBJ1	40	Before	Right Exterior Girder	40	0.95	1	1	3.218228
Type 3S2_str	BOBJ1	40	After	Left Exterior Girder	40	0.95	1	1	3.20262
Type 3S2_str	BOBJ1	40	After	Interior Girder 1	40	0.95	1	1	2.23299
Type 3S2_str	BOBJ1	40	After	Interior Girder 2	40	0.95	1	1	2.275341
Type 3S2_str	BOBJ1	40	After	Interior Girder 3	40	0.95	1	1	2.284745
Type 3S2_str	BOBJ1	40	After	Interior Girder 4	40	0.95	1	1	2.289676
Type 3S2_str	BOBJ1	40	After	Interior Girder 5	40	0.95	1	1	2.272534
Type 3S2_str	BOBJ1	40	After	Interior Girder 6	40	0.95	1	1	2.235702
Type 3S2_str	BOBJ1	40	After	Right Exterior Girder	40	0.95	1	1	3.205754
Type 3S2_str	BOBJ1	46.5	Before	Left Exterior Girder	46.5	0.95	1	1	3.636074
Type 3S2_str	BOBJ1	46.5	Before	Right Exterior Girder	46.5	0.95	1	1	3.639845
Type 3S2_str	BOBJ1	46.5	After	Left Exterior Girder	46.5	0.95	1	1	2.501596
Type 3S2_str	BOBJ1	46.5	After	Right Exterior Girder	46.5	0.95	1	1	2.50425
Type 3S2_str	BOBJ1	48	Before	Left Exterior Girder	48	0.95	1	1	2.664894
Type 3S2_str	BOBJ1	48	Before	Interior Girder 1	48	0.95	1	1	2.728813
Type 3S2_str	BOBJ1	48	Before	Interior Girder 2	48	0.95	1	1	2.811836
Type 3S2_str	BOBJ1	48	Before	Interior Girder 3	48	0.95	1	1	2.806983
Type 3S2_str	BOBJ1	48	Before	Interior Girder 4	48	0.95	1	1	2.809184
Type 3S2_str	BOBJ1	48	Before	Interior Girder 5	48	0.95	1	1	2.812789
Type 3S2_str	BOBJ1	48	Before	Interior Girder 6	48	0.95	1	1	2.727726
Type 3S2_str	BOBJ1	48	Before	Right Exterior Girder	48	0.95	1	1	2.667783
Type 3S2_str	BOBJ1	48	After	Left Exterior Girder	48	0.95	1	1	2.612654
Type 3S2_str	BOBJ1	48	After	Interior Girder 1	48	0.95	1	1	2.767191
Type 3S2_str	BOBJ1	48	After	Interior Girder 2	48	0.95	1	1	2.811393
Type 3S2_str	BOBJ1	48	After	Interior Girder 3	48	0.95	1	1	2.797462
Type 3S2_str	BOBJ1	48	After	Interior Girder 4	48	0.95	1	1	2.799308
Type 3S2_str	BOBJ1	48	After	Interior Girder 5	48	0.95	1	1	2.813589
Type 3S2_str	BOBJ1	48	After	Interior Girder 6	48	0.95	1	1	2.766088
Type 3S2_str	BOBJ1	48	After	Right Exterior Girder	48	0.95	1	1	2.615614
Type 3S2_str	BOBJ1	56	Before	Left Exterior Girder	56	0.95	1	1	4.217997
Type 3S2_str	BOBJ1	56	Before	Interior Girder 1	56	0.95	1	1	3.887864
Type 3S2_str	BOBJ1	56	Before	Interior Girder 2	56	0.95	1	1	3.828079
Type 3S2_str	BOBJ1	56	Before	Interior Girder 3	56	0.95	1	1	3.928423
Type 3S2_str	BOBJ1	56	Before	Interior Girder 4	56	0.95	1	1	3.944617

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelINonCompStrgth-Flx - Approach, Span 4-E									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Type 3S2_str	BOBJ1	56	Before	Interior Girder 5	56	0.95	1	1	3.82438
Type 3S2_str	BOBJ1	56	Before	Interior Girder 6	56	0.95	1	1	3.893885
Type 3S2_str	BOBJ1	56	Before	Right Exterior Girder	56	0.95	1	1	4.220832
Type 3S2_str	BOBJ1	56	After	Left Exterior Girder	56	0.95	1	1	4.097543
Type 3S2_str	BOBJ1	56	After	Interior Girder 1	56	0.95	1	1	3.970314
Type 3S2_str	BOBJ1	56	After	Interior Girder 2	56	0.95	1	1	3.819492
Type 3S2_str	BOBJ1	56	After	Interior Girder 3	56	0.95	1	1	3.869948
Type 3S2_str	BOBJ1	56	After	Interior Girder 4	56	0.95	1	1	3.885859
Type 3S2_str	BOBJ1	56	After	Interior Girder 5	56	0.95	1	1	3.814768
Type 3S2_str	BOBJ1	56	After	Interior Girder 6	56	0.95	1	1	3.977648
Type 3S2_str	BOBJ1	56	After	Right Exterior Girder	56	0.95	1	1	4.101131
Type 3S2_str	BOBJ1	59	Before	Interior Girder 1	59	0.95	1	1	4.881484
Type 3S2_str	BOBJ1	59	Before	Interior Girder 2	59	0.95	1	1	4.64586
Type 3S2_str	BOBJ1	59	Before	Interior Girder 3	59	0.95	1	1	4.74154
Type 3S2_str	BOBJ1	59	Before	Interior Girder 4	59	0.95	1	1	4.759868
Type 3S2_str	BOBJ1	59	Before	Interior Girder 5	59	0.95	1	1	4.64015
Type 3S2_str	BOBJ1	59	Before	Interior Girder 6	59	0.95	1	1	4.892649
Type 3S2_str	BOBJ1	59	After	Interior Girder 1	59	0.95	1	1	2.494491
Type 3S2_str	BOBJ1	59	After	Interior Girder 2	59	0.95	1	1	2.395415
Type 3S2_str	BOBJ1	59	After	Interior Girder 3	59	0.95	1	1	2.368731
Type 3S2_str	BOBJ1	59	After	Interior Girder 4	59	0.95	1	1	2.376226
Type 3S2_str	BOBJ1	59	After	Interior Girder 5	59	0.95	1	1	2.392546
Type 3S2_str	BOBJ1	59	After	Interior Girder 6	59	0.95	1	1	2.500319
Type 3S2_str	BOBJ1	64	Before	Left Exterior Girder	64	0.95	1	1	6.865277
Type 3S2_str	BOBJ1	64	Before	Interior Girder 1	64	0.95	1	1	3.798369
Type 3S2_str	BOBJ1	64	Before	Interior Girder 2	64	0.95	1	1	3.893836
Type 3S2_str	BOBJ1	64	Before	Interior Girder 3	64	0.95	1	1	4.060858
Type 3S2_str	BOBJ1	64	Before	Interior Girder 4	64	0.95	1	1	4.059155
Type 3S2_str	BOBJ1	64	Before	Interior Girder 5	64	0.95	1	1	3.890976
Type 3S2_str	BOBJ1	64	Before	Interior Girder 6	64	0.95	1	1	3.798845
Type 3S2_str	BOBJ1	64	Before	Right Exterior Girder	64	0.95	1	1	6.871246
Type 3S2_str	BOBJ1	64	After	Left Exterior Girder	64	0.95	1	1	6.601483
Type 3S2_str	BOBJ1	64	After	Interior Girder 1	64	0.95	1	1	3.757995
Type 3S2_str	BOBJ1	64	After	Interior Girder 2	64	0.95	1	1	3.860555
Type 3S2_str	BOBJ1	64	After	Interior Girder 3	64	0.95	1	1	4.058866
Type 3S2_str	BOBJ1	64	After	Interior Girder 4	64	0.95	1	1	4.057013
Type 3S2_str	BOBJ1	64	After	Interior Girder 5	64	0.95	1	1	3.857824
Type 3S2_str	BOBJ1	64	After	Interior Girder 6	64	0.95	1	1	3.758433
Type 3S2_str	BOBJ1	64	After	Right Exterior Girder	64	0.95	1	1	6.607161
Type 3S2_str	BOBJ1	69	Before	Interior Girder 1	69	0.95	1	1	2.713282
Type 3S2_str	BOBJ1	69	Before	Interior Girder 2	69	0.95	1	1	2.804846
Type 3S2_str	BOBJ1	69	Before	Interior Girder 3	69	0.95	1	1	2.749209
Type 3S2_str	BOBJ1	69	Before	Interior Girder 4	69	0.95	1	1	2.748027
Type 3S2_str	BOBJ1	69	Before	Interior Girder 5	69	0.95	1	1	2.802007
Type 3S2_str	BOBJ1	69	Before	Interior Girder 6	69	0.95	1	1	2.714029
Type 3S2_str	BOBJ1	69	After	Interior Girder 1	69	0.95	1	1	5.924194
Type 3S2_str	BOBJ1	69	After	Interior Girder 2	69	0.95	1	1	6.014125
Type 3S2_str	BOBJ1	69	After	Interior Girder 3	69	0.95	1	1	5.968791
Type 3S2_str	BOBJ1	69	After	Interior Girder 4	69	0.95	1	1	5.966056
Type 3S2_str	BOBJ1	69	After	Interior Girder 5	69	0.95	1	1	6.008303
Type 3S2_str	BOBJ1	69	After	Interior Girder 6	69	0.95	1	1	5.925604
Type 3S2_str	BOBJ1	72	Before	Left Exterior Girder	72	0.95	1	1	4.576128
Type 3S2_str	BOBJ1	72	Before	Interior Girder 1	72	0.95	1	1	5.183267
Type 3S2_str	BOBJ1	72	Before	Interior Girder 2	72	0.95	1	1	5.248952
Type 3S2_str	BOBJ1	72	Before	Interior Girder 3	72	0.95	1	1	5.042081
Type 3S2_str	BOBJ1	72	Before	Interior Girder 4	72	0.95	1	1	5.039899
Type 3S2_str	BOBJ1	72	Before	Interior Girder 5	72	0.95	1	1	5.242898
Type 3S2_str	BOBJ1	72	Before	Interior Girder 6	72	0.95	1	1	5.185051
Type 3S2_str	BOBJ1	72	Before	Right Exterior Girder	72	0.95	1	1	4.580912
Type 3S2_str	BOBJ1	72	After	Left Exterior Girder	72	0.95	1	1	4.618939
Type 3S2_str	BOBJ1	72	After	Interior Girder 1	72	0.95	1	1	5.098934
Type 3S2_str	BOBJ1	72	After	Interior Girder 2	72	0.95	1	1	5.180544
Type 3S2_str	BOBJ1	72	After	Interior Girder 3	72	0.95	1	1	5.009967
Type 3S2_str	BOBJ1	72	After	Interior Girder 4	72	0.95	1	1	5.008145
Type 3S2_str	BOBJ1	72	After	Interior Girder 5	72	0.95	1	1	5.174024

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelINonCompStrgth-Flx - Approach, Span 4-E									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Type 3S2_str	BOBJ1	72	After	Interior Girder 6	72	0.95	1	1	5.100978
Type 3S2_str	BOBJ1	72	After	Right Exterior Girder	72	0.95	1	1	4.623882
Type 3S2_str	BOBJ1	72.5	Before	Left Exterior Girder	72.5	0.95	1	1	4.450417
Type 3S2_str	BOBJ1	72.5	Before	Right Exterior Girder	72.5	0.95	1	1	4.455276
Type 3S2_str	BOBJ1	72.5	After	Left Exterior Girder	72.5	0.95	1	1	6.772701
Type 3S2_str	BOBJ1	72.5	After	Right Exterior Girder	72.5	0.95	1	1	6.780234
Type 3S2_str	BOBJ1	80	Before	Left Exterior Girder	80	0.95	1	1	4.564881
Type 3S2_str	BOBJ1	80	Before	Interior Girder 1	80	0.95	1	1	3.157546
Type 3S2_str	BOBJ1	80	Before	Interior Girder 2	80	0.95	1	1	3.077583
Type 3S2_str	BOBJ1	80	Before	Interior Girder 3	80	0.95	1	1	2.487749
Type 3S2_str	BOBJ1	80	Before	Interior Girder 4	80	0.95	1	1	2.496208
Type 3S2_str	BOBJ1	80	Before	Interior Girder 5	80	0.95	1	1	3.069626
Type 3S2_str	BOBJ1	80	Before	Interior Girder 6	80	0.95	1	1	3.161351
Type 3S2_str	BOBJ1	80	Before	Right Exterior Girder	80	0.95	1	1	4.570872
Type 3S2_str	BOBJ1	80	After	Left Exterior Girder	0	0.95	1	1	4.465743
Type 3S2_str	BOBJ1	80	After	Interior Girder 1	0	0.95	1	1	3.144432
Type 3S2_str	BOBJ1	80	After	Interior Girder 2	0	0.95	1	1	3.071657
Type 3S2_str	BOBJ1	80	After	Interior Girder 3	0	0.95	1	1	2.457722
Type 3S2_str	BOBJ1	80	After	Interior Girder 4	0	0.95	1	1	2.466695
Type 3S2_str	BOBJ1	80	After	Interior Girder 5	0	0.95	1	1	3.063678
Type 3S2_str	BOBJ1	80	After	Interior Girder 6	0	0.95	1	1	3.14993
Type 3S2_str	BOBJ1	80	After	Right Exterior Girder	0	0.95	1	1	4.471211
Type 3S2_str	BOBJ1	87.5	Before	Left Exterior Girder	7.5	0.95	1	1	6.981164
Type 3S2_str	BOBJ1	87.5	Before	Right Exterior Girder	7.5	0.95	1	1	6.989028
Type 3S2_str	BOBJ1	87.5	After	Left Exterior Girder	7.5	0.95	1	1	4.49944
Type 3S2_str	BOBJ1	87.5	After	Right Exterior Girder	7.5	0.95	1	1	4.50436
Type 3S2_str	BOBJ1	88	Before	Left Exterior Girder	8	0.95	1	1	4.64102
Type 3S2_str	BOBJ1	88	Before	Interior Girder 1	8	0.95	1	1	4.850595
Type 3S2_str	BOBJ1	88	Before	Interior Girder 2	8	0.95	1	1	4.884786
Type 3S2_str	BOBJ1	88	Before	Interior Girder 3	8	0.95	1	1	4.650325
Type 3S2_str	BOBJ1	88	Before	Interior Girder 4	8	0.95	1	1	4.648161
Type 3S2_str	BOBJ1	88	Before	Interior Girder 5	8	0.95	1	1	4.878639
Type 3S2_str	BOBJ1	88	Before	Interior Girder 6	8	0.95	1	1	4.852014
Type 3S2_str	BOBJ1	88	Before	Right Exterior Girder	8	0.95	1	1	4.646023
Type 3S2_str	BOBJ1	88	After	Left Exterior Girder	8	0.95	1	1	4.65077
Type 3S2_str	BOBJ1	88	After	Interior Girder 1	8	0.95	1	1	4.881298
Type 3S2_str	BOBJ1	88	After	Interior Girder 2	8	0.95	1	1	4.942722
Type 3S2_str	BOBJ1	88	After	Interior Girder 3	8	0.95	1	1	4.67672
Type 3S2_str	BOBJ1	88	After	Interior Girder 4	8	0.95	1	1	4.674467
Type 3S2_str	BOBJ1	88	After	Interior Girder 5	8	0.95	1	1	4.937114
Type 3S2_str	BOBJ1	88	After	Interior Girder 6	8	0.95	1	1	4.88254
Type 3S2_str	BOBJ1	88	After	Right Exterior Girder	8	0.95	1	1	4.655618
Type 3S2_str	BOBJ1	91	Before	Interior Girder 1	11	0.95	1	1	5.495712
Type 3S2_str	BOBJ1	91	Before	Interior Girder 2	11	0.95	1	1	5.623246
Type 3S2_str	BOBJ1	91	Before	Interior Girder 3	11	0.95	1	1	5.520089
Type 3S2_str	BOBJ1	91	Before	Interior Girder 4	11	0.95	1	1	5.517228
Type 3S2_str	BOBJ1	91	Before	Interior Girder 5	11	0.95	1	1	5.617788
Type 3S2_str	BOBJ1	91	Before	Interior Girder 6	11	0.95	1	1	5.496676
Type 3S2_str	BOBJ1	91	After	Interior Girder 1	11	0.95	1	1	2.248787
Type 3S2_str	BOBJ1	91	After	Interior Girder 2	11	0.95	1	1	2.357943
Type 3S2_str	BOBJ1	91	After	Interior Girder 3	11	0.95	1	1	2.283471
Type 3S2_str	BOBJ1	91	After	Interior Girder 4	11	0.95	1	1	2.282393
Type 3S2_str	BOBJ1	91	After	Interior Girder 5	11	0.95	1	1	2.355586
Type 3S2_str	BOBJ1	91	After	Interior Girder 6	11	0.95	1	1	2.249253
Type 3S2_str	BOBJ1	96	Before	Left Exterior Girder	16	0.95	1	1	6.84509
Type 3S2_str	BOBJ1	96	Before	Interior Girder 1	16	0.95	1	1	3.056692
Type 3S2_str	BOBJ1	96	Before	Interior Girder 2	16	0.95	1	1	3.213117
Type 3S2_str	BOBJ1	96	Before	Interior Girder 3	16	0.95	1	1	3.388731
Type 3S2_str	BOBJ1	96	Before	Interior Girder 4	16	0.95	1	1	3.387113
Type 3S2_str	BOBJ1	96	Before	Interior Girder 5	16	0.95	1	1	3.21089
Type 3S2_str	BOBJ1	96	Before	Interior Girder 6	16	0.95	1	1	3.056938
Type 3S2_str	BOBJ1	96	Before	Right Exterior Girder	16	0.95	1	1	6.850636
Type 3S2_str	BOBJ1	96	After	Left Exterior Girder	16	0.95	1	1	3.330315
Type 3S2_str	BOBJ1	96	After	Interior Girder 1	16	0.95	1	1	3.617877
Type 3S2_str	BOBJ1	96	After	Interior Girder 2	16	0.95	1	1	3.762999

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelINonCompStrgth-Flx - Approach, Span 4-E									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Type 3S2_str	BOBJ1	96	After	Interior Girder 3	16	0.95	1	1	3.9112
Type 3S2_str	BOBJ1	96	After	Interior Girder 4	16	0.95	1	1	3.90939
Type 3S2_str	BOBJ1	96	After	Interior Girder 5	16	0.95	1	1	3.760207
Type 3S2_str	BOBJ1	96	After	Interior Girder 6	16	0.95	1	1	3.618251
Type 3S2_str	BOBJ1	96	After	Right Exterior Girder	16	0.95	1	1	3.333132
Type 3S2_str	BOBJ1	104	Before	Left Exterior Girder	24	0.95	1	1	3.674946
Type 3S2_str	BOBJ1	104	Before	Interior Girder 1	24	0.95	1	1	3.184889
Type 3S2_str	BOBJ1	104	Before	Interior Girder 2	24	0.95	1	1	3.040806
Type 3S2_str	BOBJ1	104	Before	Interior Girder 3	24	0.95	1	1	3.019883
Type 3S2_str	BOBJ1	104	Before	Interior Girder 4	24	0.95	1	1	3.031602
Type 3S2_str	BOBJ1	104	Before	Interior Girder 5	24	0.95	1	1	3.036227
Type 3S2_str	BOBJ1	104	Before	Interior Girder 6	24	0.95	1	1	3.192833
Type 3S2_str	BOBJ1	104	Before	Right Exterior Girder	24	0.95	1	1	3.67851
Type 3S2_str	BOBJ1	104	After	Left Exterior Girder	24	0.95	1	1	3.796956
Type 3S2_str	BOBJ1	104	After	Interior Girder 1	24	0.95	1	1	3.110816
Type 3S2_str	BOBJ1	104	After	Interior Girder 2	24	0.95	1	1	3.03356
Type 3S2_str	BOBJ1	104	After	Interior Girder 3	24	0.95	1	1	3.072589
Type 3S2_str	BOBJ1	104	After	Interior Girder 4	24	0.95	1	1	3.085236
Type 3S2_str	BOBJ1	104	After	Interior Girder 5	24	0.95	1	1	3.029378
Type 3S2_str	BOBJ1	104	After	Interior Girder 6	24	0.95	1	1	3.11817
Type 3S2_str	BOBJ1	104	After	Right Exterior Girder	24	0.95	1	1	3.800328
Type 3S2_str	BOBJ1	112	Before	Left Exterior Girder	32	0.95	1	1	2.357607
Type 3S2_str	BOBJ1	112	Before	Interior Girder 1	32	0.95	1	1	2.362752
Type 3S2_str	BOBJ1	112	Before	Interior Girder 2	32	0.95	1	1	2.383341
Type 3S2_str	BOBJ1	112	Before	Interior Girder 3	32	0.95	1	1	2.37723
Type 3S2_str	BOBJ1	112	Before	Interior Girder 4	32	0.95	1	1	2.378473
Type 3S2_str	BOBJ1	112	Before	Interior Girder 5	32	0.95	1	1	2.384814
Type 3S2_str	BOBJ1	112	Before	Interior Girder 6	32	0.95	1	1	2.361019
Type 3S2_str	BOBJ1	112	Before	Right Exterior Girder	32	0.95	1	1	2.360353
Type 3S2_str	BOBJ1	112	After	Left Exterior Girder	32	0.95	1	1	2.40326
Type 3S2_str	BOBJ1	112	After	Interior Girder 1	32	0.95	1	1	2.333065
Type 3S2_str	BOBJ1	112	After	Interior Girder 2	32	0.95	1	1	2.378275
Type 3S2_str	BOBJ1	112	After	Interior Girder 3	32	0.95	1	1	2.383073
Type 3S2_str	BOBJ1	112	After	Interior Girder 4	32	0.95	1	1	2.384955
Type 3S2_str	BOBJ1	112	After	Interior Girder 5	32	0.95	1	1	2.380224
Type 3S2_str	BOBJ1	112	After	Interior Girder 6	32	0.95	1	1	2.331131
Type 3S2_str	BOBJ1	112	After	Right Exterior Girder	32	0.95	1	1	2.405938
Type 3S2_str	BOBJ1	120	Before	Left Exterior Girder	40	0.95	1	1	2.202725
Type 3S2_str	BOBJ1	120	Before	Interior Girder 1	40	0.95	1	1	2.073045
Type 3S2_str	BOBJ1	120	Before	Interior Girder 2	40	0.95	1	1	2.107496
Type 3S2_str	BOBJ1	120	Before	Interior Girder 3	40	0.95	1	1	2.111015
Type 3S2_str	BOBJ1	120	Before	Interior Girder 4	40	0.95	1	1	2.116502
Type 3S2_str	BOBJ1	120	Before	Interior Girder 5	40	0.95	1	1	2.10522
Type 3S2_str	BOBJ1	120	Before	Interior Girder 6	40	0.95	1	1	2.076133
Type 3S2_str	BOBJ1	120	Before	Right Exterior Girder	40	0.95	1	1	2.204882
Type 3S2_str	BOBJ1	120	After	Left Exterior Girder	40	0.95	1	1	2.206195
Type 3S2_str	BOBJ1	120	After	Interior Girder 1	40	0.95	1	1	2.070514
Type 3S2_str	BOBJ1	120	After	Interior Girder 2	40	0.95	1	1	2.106319
Type 3S2_str	BOBJ1	120	After	Interior Girder 3	40	0.95	1	1	2.11127
Type 3S2_str	BOBJ1	120	After	Interior Girder 4	40	0.95	1	1	2.116639
Type 3S2_str	BOBJ1	120	After	Interior Girder 5	40	0.95	1	1	2.104037
Type 3S2_str	BOBJ1	120	After	Interior Girder 6	40	0.95	1	1	2.073574
Type 3S2_str	BOBJ1	120	After	Right Exterior Girder	40	0.95	1	1	2.208351
Type 3S2_str	BOBJ1	128	Before	Left Exterior Girder	48	0.95	1	1	2.361024
Type 3S2_str	BOBJ1	128	Before	Interior Girder 1	48	0.95	1	1	2.312729
Type 3S2_str	BOBJ1	128	Before	Interior Girder 2	48	0.95	1	1	2.360553
Type 3S2_str	BOBJ1	128	Before	Interior Girder 3	48	0.95	1	1	2.367543
Type 3S2_str	BOBJ1	128	Before	Interior Girder 4	48	0.95	1	1	2.369331
Type 3S2_str	BOBJ1	128	Before	Interior Girder 5	48	0.95	1	1	2.362401
Type 3S2_str	BOBJ1	128	Before	Interior Girder 6	48	0.95	1	1	2.310994
Type 3S2_str	BOBJ1	128	Before	Right Exterior Girder	48	0.95	1	1	2.363649
Type 3S2_str	BOBJ1	128	After	Left Exterior Girder	48	0.95	1	1	2.322217
Type 3S2_str	BOBJ1	128	After	Interior Girder 1	48	0.95	1	1	2.3362
Type 3S2_str	BOBJ1	128	After	Interior Girder 2	48	0.95	1	1	2.365246
Type 3S2_str	BOBJ1	128	After	Interior Girder 3	48	0.95	1	1	2.362983

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelINonCompStrgth-Flx - Approach, Span 4-6									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Type 3S2_str	BOBJ1	128	After	Interior Girder 4	48	0.95	1	1	2.364202
Type 3S2_str	BOBJ1	128	After	Interior Girder 5	48	0.95	1	1	2.366642
Type 3S2_str	BOBJ1	128	After	Interior Girder 6	48	0.95	1	1	2.334744
Type 3S2_str	BOBJ1	128	After	Right Exterior Girder	48	0.95	1	1	2.324913
Type 3S2_str	BOBJ1	136	Before	Left Exterior Girder	56	0.95	1	1	3.650776
Type 3S2_str	BOBJ1	136	Before	Interior Girder 1	56	0.95	1	1	3.04883
Type 3S2_str	BOBJ1	136	Before	Interior Girder 2	56	0.95	1	1	2.9851
Type 3S2_str	BOBJ1	136	Before	Interior Girder 3	56	0.95	1	1	3.027384
Type 3S2_str	BOBJ1	136	Before	Interior Girder 4	56	0.95	1	1	3.039738
Type 3S2_str	BOBJ1	136	Before	Interior Girder 5	56	0.95	1	1	2.980974
Type 3S2_str	BOBJ1	136	Before	Interior Girder 6	56	0.95	1	1	3.056341
Type 3S2_str	BOBJ1	136	Before	Right Exterior Girder	56	0.95	1	1	3.654027
Type 3S2_str	BOBJ1	136	After	Left Exterior Girder	56	0.95	1	1	3.537285
Type 3S2_str	BOBJ1	136	After	Interior Girder 1	56	0.95	1	1	3.114852
Type 3S2_str	BOBJ1	136	After	Interior Girder 2	56	0.95	1	1	2.992209
Type 3S2_str	BOBJ1	136	After	Interior Girder 3	56	0.95	1	1	2.978538
Type 3S2_str	BOBJ1	136	After	Interior Girder 4	56	0.95	1	1	2.990141
Type 3S2_str	BOBJ1	136	After	Interior Girder 5	56	0.95	1	1	2.987702
Type 3S2_str	BOBJ1	136	After	Interior Girder 6	56	0.95	1	1	3.122904
Type 3S2_str	BOBJ1	136	After	Right Exterior Girder	56	0.95	1	1	3.540705
Type 3S2_str	BOBJ1	144	Before	Left Exterior Girder	64	0.95	1	1	3.302377
Type 3S2_str	BOBJ1	144	Before	Interior Girder 1	64	0.95	1	1	3.55853
Type 3S2_str	BOBJ1	144	Before	Interior Girder 2	64	0.95	1	1	3.72667
Type 3S2_str	BOBJ1	144	Before	Interior Girder 3	64	0.95	1	1	3.912485
Type 3S2_str	BOBJ1	144	Before	Interior Girder 4	64	0.95	1	1	3.910935
Type 3S2_str	BOBJ1	144	Before	Interior Girder 5	64	0.95	1	1	3.724038
Type 3S2_str	BOBJ1	144	Before	Interior Girder 6	64	0.95	1	1	3.558906
Type 3S2_str	BOBJ1	144	Before	Right Exterior Girder	64	0.95	1	1	3.305027
Type 3S2_str	BOBJ1	144	After	Left Exterior Girder	64	0.95	1	1	6.246782
Type 3S2_str	BOBJ1	144	After	Interior Girder 1	64	0.95	1	1	3.002479
Type 3S2_str	BOBJ1	144	After	Interior Girder 2	64	0.95	1	1	3.179886
Type 3S2_str	BOBJ1	144	After	Interior Girder 3	64	0.95	1	1	3.389927
Type 3S2_str	BOBJ1	144	After	Interior Girder 4	64	0.95	1	1	3.388422
Type 3S2_str	BOBJ1	144	After	Interior Girder 5	64	0.95	1	1	3.177777
Type 3S2_str	BOBJ1	144	After	Interior Girder 6	64	0.95	1	1	3.002738
Type 3S2_str	BOBJ1	144	After	Right Exterior Girder	64	0.95	1	1	6.251592
Type 3S2_str	BOBJ1	150	Before	Interior Girder 1	70	0.95	1	1	2.05483
Type 3S2_str	BOBJ1	150	Before	Interior Girder 2	70	0.95	1	1	2.175847
Type 3S2_str	BOBJ1	150	Before	Interior Girder 3	70	0.95	1	1	2.108886
Type 3S2_str	BOBJ1	150	Before	Interior Girder 4	70	0.95	1	1	2.10796
Type 3S2_str	BOBJ1	150	Before	Interior Girder 5	70	0.95	1	1	2.173635
Type 3S2_str	BOBJ1	150	Before	Interior Girder 6	70	0.95	1	1	2.055277
Type 3S2_str	BOBJ1	150	After	Interior Girder 1	70	0.95	1	1	4.841116
Type 3S2_str	BOBJ1	150	After	Interior Girder 2	70	0.95	1	1	4.975497
Type 3S2_str	BOBJ1	150	After	Interior Girder 3	70	0.95	1	1	4.894153
Type 3S2_str	BOBJ1	150	After	Interior Girder 4	70	0.95	1	1	4.891789
Type 3S2_str	BOBJ1	150	After	Interior Girder 5	70	0.95	1	1	4.970567
Type 3S2_str	BOBJ1	150	After	Interior Girder 6	70	0.95	1	1	4.842031
Type 3S2_str	BOBJ1	152	Before	Left Exterior Girder	72	0.95	1	1	4.162919
Type 3S2_str	BOBJ1	152	Before	Interior Girder 1	72	0.95	1	1	4.434261
Type 3S2_str	BOBJ1	152	Before	Interior Girder 2	72	0.95	1	1	4.548933
Type 3S2_str	BOBJ1	152	Before	Interior Girder 3	72	0.95	1	1	4.367212
Type 3S2_str	BOBJ1	152	Before	Interior Girder 4	72	0.95	1	1	4.365161
Type 3S2_str	BOBJ1	152	Before	Interior Girder 5	72	0.95	1	1	4.543937
Type 3S2_str	BOBJ1	152	Before	Interior Girder 6	72	0.95	1	1	4.435334
Type 3S2_str	BOBJ1	152	Before	Right Exterior Girder	72	0.95	1	1	4.167083
Type 3S2_str	BOBJ1	152	After	Left Exterior Girder	72	0.95	1	1	4.185829
Type 3S2_str	BOBJ1	152	After	Interior Girder 1	72	0.95	1	1	4.395309
Type 3S2_str	BOBJ1	152	After	Interior Girder 2	72	0.95	1	1	4.499914
Type 3S2_str	BOBJ1	152	After	Interior Girder 3	72	0.95	1	1	4.344857
Type 3S2_str	BOBJ1	152	After	Interior Girder 4	72	0.95	1	1	4.342918
Type 3S2_str	BOBJ1	152	After	Interior Girder 5	72	0.95	1	1	4.494621
Type 3S2_str	BOBJ1	152	After	Interior Girder 6	72	0.95	1	1	4.396488
Type 3S2_str	BOBJ1	152	After	Right Exterior Girder	72	0.95	1	1	4.190138
Type 3S2_str	BOBJ1	154	Before	Left Exterior Girder	74	0.95	1	1	3.662044

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelINonCompStrgth-Flx - Approach, Span 4-E									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Type 3S2_str	BOBJ1	154	Before	Right Exterior Girder	74	0.95	1	1	3.666036
Type 3S2_str	BOBJ1	154	After	Left Exterior Girder	74	0.95	1	1	5.75084
Type 3S2_str	BOBJ1	154	After	Right Exterior Girder	74	0.95	1	1	5.75726
Type 3S2_str	BOBJ1	160	Before	Left Exterior Girder	80	0.95	1	1	4.088727
Type 3S2_str	BOBJ1	160	Before	Interior Girder 1	80	0.95	1	1	2.879489
Type 3S2_str	BOBJ1	160	Before	Interior Girder 2	80	0.95	1	1	2.833083
Type 3S2_str	BOBJ1	160	Before	Interior Girder 3	80	0.95	1	1	2.291476
Type 3S2_str	BOBJ1	160	Before	Interior Girder 4	80	0.95	1	1	2.300491
Type 3S2_str	BOBJ1	160	Before	Interior Girder 5	80	0.95	1	1	2.825748
Type 3S2_str	BOBJ1	160	Before	Interior Girder 6	80	0.95	1	1	2.880544
Type 3S2_str	BOBJ1	160	Before	Right Exterior Girder	80	0.95	1	1	4.09374
Type 3S2_str	BOBJ1	160	After	Left Exterior Girder	0	0.95	1	1	3.965863
Type 3S2_str	BOBJ1	160	After	Interior Girder 1	0	0.95	1	1	2.752481
Type 3S2_str	BOBJ1	160	After	Interior Girder 2	0	0.95	1	1	2.80383
Type 3S2_str	BOBJ1	160	After	Interior Girder 3	0	0.95	1	1	2.284374
Type 3S2_str	BOBJ1	160	After	Interior Girder 4	0	0.95	1	1	2.292759
Type 3S2_str	BOBJ1	160	After	Interior Girder 5	0	0.95	1	1	2.796756
Type 3S2_str	BOBJ1	160	After	Interior Girder 6	0	0.95	1	1	2.755621
Type 3S2_str	BOBJ1	160	After	Right Exterior Girder	0	0.95	1	1	3.971213
Type 3S2_str	BOBJ1	166	Before	Left Exterior Girder	6	0.95	1	1	6.077621
Type 3S2_str	BOBJ1	166	Before	Right Exterior Girder	6	0.95	1	1	6.084693
Type 3S2_str	BOBJ1	166	After	Left Exterior Girder	6	0.95	1	1	3.919711
Type 3S2_str	BOBJ1	166	After	Right Exterior Girder	6	0.95	1	1	3.924192
Type 3S2_str	BOBJ1	168	Before	Left Exterior Girder	8	0.95	1	1	4.508395
Type 3S2_str	BOBJ1	168	Before	Interior Girder 1	8	0.95	1	1	4.940399
Type 3S2_str	BOBJ1	168	Before	Interior Girder 2	8	0.95	1	1	5.043706
Type 3S2_str	BOBJ1	168	Before	Interior Girder 3	8	0.95	1	1	4.870787
Type 3S2_str	BOBJ1	168	Before	Interior Girder 4	8	0.95	1	1	4.869012
Type 3S2_str	BOBJ1	168	Before	Interior Girder 5	8	0.95	1	1	5.037377
Type 3S2_str	BOBJ1	168	Before	Interior Girder 6	8	0.95	1	1	4.942269
Type 3S2_str	BOBJ1	168	Before	Right Exterior Girder	8	0.95	1	1	4.513257
Type 3S2_str	BOBJ1	168	After	Left Exterior Girder	8	0.95	1	1	4.446428
Type 3S2_str	BOBJ1	168	After	Interior Girder 1	8	0.95	1	1	5.035995
Type 3S2_str	BOBJ1	168	After	Interior Girder 2	8	0.95	1	1	5.10441
Type 3S2_str	BOBJ1	168	After	Interior Girder 3	8	0.95	1	1	4.900214
Type 3S2_str	BOBJ1	168	After	Interior Girder 4	8	0.95	1	1	4.897732
Type 3S2_str	BOBJ1	168	After	Interior Girder 5	8	0.95	1	1	5.098592
Type 3S2_str	BOBJ1	168	After	Interior Girder 6	8	0.95	1	1	5.037647
Type 3S2_str	BOBJ1	168	After	Right Exterior Girder	8	0.95	1	1	4.451277
Type 3S2_str	BOBJ1	170	Before	Interior Girder 1	10	0.95	1	1	5.540307
Type 3S2_str	BOBJ1	170	Before	Interior Girder 2	10	0.95	1	1	5.612369
Type 3S2_str	BOBJ1	170	Before	Interior Girder 3	10	0.95	1	1	5.516418
Type 3S2_str	BOBJ1	170	Before	Interior Girder 4	10	0.95	1	1	5.513782
Type 3S2_str	BOBJ1	170	Before	Interior Girder 5	10	0.95	1	1	5.606609
Type 3S2_str	BOBJ1	170	Before	Interior Girder 6	10	0.95	1	1	5.541787
Type 3S2_str	BOBJ1	170	After	Interior Girder 1	10	0.95	1	1	2.600556
Type 3S2_str	BOBJ1	170	After	Interior Girder 2	10	0.95	1	1	2.704984
Type 3S2_str	BOBJ1	170	After	Interior Girder 3	10	0.95	1	1	2.615514
Type 3S2_str	BOBJ1	170	After	Interior Girder 4	10	0.95	1	1	2.614272
Type 3S2_str	BOBJ1	170	After	Interior Girder 5	10	0.95	1	1	2.70211
Type 3S2_str	BOBJ1	170	After	Interior Girder 6	10	0.95	1	1	2.601316
Type 3S2_str	BOBJ1	176	Before	Left Exterior Girder	16	0.95	1	1	6.589254
Type 3S2_str	BOBJ1	176	Before	Interior Girder 1	16	0.95	1	1	3.871938
Type 3S2_str	BOBJ1	176	Before	Interior Girder 2	16	0.95	1	1	4.008009
Type 3S2_str	BOBJ1	176	Before	Interior Girder 3	16	0.95	1	1	4.222221
Type 3S2_str	BOBJ1	176	Before	Interior Girder 4	16	0.95	1	1	4.220318
Type 3S2_str	BOBJ1	176	Before	Interior Girder 5	16	0.95	1	1	4.005202
Type 3S2_str	BOBJ1	176	Before	Interior Girder 6	16	0.95	1	1	3.872388
Type 3S2_str	BOBJ1	176	Before	Right Exterior Girder	16	0.95	1	1	6.594859
Type 3S2_str	BOBJ1	176	After	Left Exterior Girder	16	0.95	1	1	6.840273
Type 3S2_str	BOBJ1	176	After	Interior Girder 1	16	0.95	1	1	3.9243
Type 3S2_str	BOBJ1	176	After	Interior Girder 2	16	0.95	1	1	4.045859
Type 3S2_str	BOBJ1	176	After	Interior Girder 3	16	0.95	1	1	4.225092
Type 3S2_str	BOBJ1	176	After	Interior Girder 4	16	0.95	1	1	4.223352
Type 3S2_str	BOBJ1	176	After	Interior Girder 5	16	0.95	1	1	4.042934

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelINonCompStrgth-Flx - Approach, Span 4-6									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Type 3S2_str	BOBJ1	176	After	Interior Girder 6	16	0.95	1	1	3.92482
Type 3S2_str	BOBJ1	176	After	Right Exterior Girder	16	0.95	1	1	6.846124
Type 3S2_str	BOBJ1	181	Before	Interior Girder 1	21	0.95	1	1	2.549063
Type 3S2_str	BOBJ1	181	Before	Interior Girder 2	21	0.95	1	1	2.43195
Type 3S2_str	BOBJ1	181	Before	Interior Girder 3	21	0.95	1	1	2.42211
Type 3S2_str	BOBJ1	181	Before	Interior Girder 4	21	0.95	1	1	2.43114
Type 3S2_str	BOBJ1	181	Before	Interior Girder 5	21	0.95	1	1	2.429004
Type 3S2_str	BOBJ1	181	Before	Interior Girder 6	21	0.95	1	1	2.554913
Type 3S2_str	BOBJ1	181	After	Interior Girder 1	21	0.95	1	1	4.52787
Type 3S2_str	BOBJ1	181	After	Interior Girder 2	21	0.95	1	1	4.284142
Type 3S2_str	BOBJ1	181	After	Interior Girder 3	21	0.95	1	1	4.389322
Type 3S2_str	BOBJ1	181	After	Interior Girder 4	21	0.95	1	1	4.406679
Type 3S2_str	BOBJ1	181	After	Interior Girder 5	21	0.95	1	1	4.277827
Type 3S2_str	BOBJ1	181	After	Interior Girder 6	21	0.95	1	1	4.538071
Type 3S2_str	BOBJ1	184	Before	Left Exterior Girder	24	0.95	1	1	4.133495
Type 3S2_str	BOBJ1	184	Before	Interior Girder 1	24	0.95	1	1	3.62691
Type 3S2_str	BOBJ1	184	Before	Interior Girder 2	24	0.95	1	1	3.496987
Type 3S2_str	BOBJ1	184	Before	Interior Girder 3	24	0.95	1	1	3.565252
Type 3S2_str	BOBJ1	184	Before	Interior Girder 4	24	0.95	1	1	3.580155
Type 3S2_str	BOBJ1	184	Before	Interior Girder 5	24	0.95	1	1	3.491898
Type 3S2_str	BOBJ1	184	Before	Interior Girder 6	24	0.95	1	1	3.63378
Type 3S2_str	BOBJ1	184	Before	Right Exterior Girder	24	0.95	1	1	4.137011
Type 3S2_str	BOBJ1	184	After	Left Exterior Girder	24	0.95	1	1	4.260097
Type 3S2_str	BOBJ1	184	After	Interior Girder 1	24	0.95	1	1	3.562706
Type 3S2_str	BOBJ1	184	After	Interior Girder 2	24	0.95	1	1	3.497755
Type 3S2_str	BOBJ1	184	After	Interior Girder 3	24	0.95	1	1	3.612146
Type 3S2_str	BOBJ1	184	After	Interior Girder 4	24	0.95	1	1	3.626982
Type 3S2_str	BOBJ1	184	After	Interior Girder 5	24	0.95	1	1	3.49366
Type 3S2_str	BOBJ1	184	After	Interior Girder 6	24	0.95	1	1	3.568371
Type 3S2_str	BOBJ1	184	After	Right Exterior Girder	24	0.95	1	1	4.263401
Type 3S2_str	BOBJ1	192	Before	Left Exterior Girder	32	0.95	1	1	2.632921
Type 3S2_str	BOBJ1	192	Before	Interior Girder 1	32	0.95	1	1	2.45373
Type 3S2_str	BOBJ1	192	Before	Interior Girder 2	32	0.95	1	1	2.537137
Type 3S2_str	BOBJ1	192	Before	Interior Girder 3	32	0.95	1	1	2.548528
Type 3S2_str	BOBJ1	192	Before	Interior Girder 4	32	0.95	1	1	2.550174
Type 3S2_str	BOBJ1	192	Before	Interior Girder 5	32	0.95	1	1	2.538624
Type 3S2_str	BOBJ1	192	Before	Interior Girder 6	32	0.95	1	1	2.452836
Type 3S2_str	BOBJ1	192	Before	Right Exterior Girder	32	0.95	1	1	2.635828
Type 3S2_str	BOBJ1	192	After	Left Exterior Girder	32	0.95	1	1	2.694554
Type 3S2_str	BOBJ1	192	After	Interior Girder 1	32	0.95	1	1	2.418095
Type 3S2_str	BOBJ1	192	After	Interior Girder 2	32	0.95	1	1	2.530619
Type 3S2_str	BOBJ1	192	After	Interior Girder 3	32	0.95	1	1	2.549948
Type 3S2_str	BOBJ1	192	After	Interior Girder 4	32	0.95	1	1	2.551825
Type 3S2_str	BOBJ1	192	After	Interior Girder 5	32	0.95	1	1	2.531147
Type 3S2_str	BOBJ1	192	After	Interior Girder 6	32	0.95	1	1	2.417237
Type 3S2_str	BOBJ1	192	After	Right Exterior Girder	32	0.95	1	1	2.697397
Type 3S2_str	BOBJ1	200	Before	Left Exterior Girder	40	0.95	1	1	2.21763
Type 3S2_str	BOBJ1	200	Before	Interior Girder 1	40	0.95	1	1	1.937622
Type 3S2_str	BOBJ1	200	Before	Interior Girder 2	40	0.95	1	1	2.035321
Type 3S2_str	BOBJ1	200	Before	Interior Girder 3	40	0.95	1	1	2.064242
Type 3S2_str	BOBJ1	200	Before	Interior Girder 4	40	0.95	1	1	2.068836
Type 3S2_str	BOBJ1	200	Before	Interior Girder 5	40	0.95	1	1	2.032335
Type 3S2_str	BOBJ1	200	Before	Interior Girder 6	40	0.95	1	1	1.939971
Type 3S2_str	BOBJ1	200	Before	Right Exterior Girder	40	0.95	1	1	2.219712
Type 3S2_str	BOBJ1	200	After	Left Exterior Girder	40	0.95	1	1	2.242428
Type 3S2_str	BOBJ1	200	After	Interior Girder 1	40	0.95	1	1	1.920665
Type 3S2_str	BOBJ1	200	After	Interior Girder 2	40	0.95	1	1	2.030574
Type 3S2_str	BOBJ1	200	After	Interior Girder 3	40	0.95	1	1	2.059314
Type 3S2_str	BOBJ1	200	After	Interior Girder 4	40	0.95	1	1	2.062936
Type 3S2_str	BOBJ1	200	After	Interior Girder 5	40	0.95	1	1	2.027879
Type 3S2_str	BOBJ1	200	After	Interior Girder 6	40	0.95	1	1	1.923115
Type 3S2_str	BOBJ1	200	After	Right Exterior Girder	40	0.95	1	1	2.244462
Type 3S2_str	BOBJ1	208	Before	Left Exterior Girder	48	0.95	1	1	2.056901
Type 3S2_str	BOBJ1	208	Before	Interior Girder 1	48	0.95	1	1	1.838925
Type 3S2_str	BOBJ1	208	Before	Interior Girder 2	48	0.95	1	1	1.970744

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelINonCompStrgth-Flx - Approach, Span 4-6									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Type 3S2_str	BOBJ1	208	Before	Interior Girder 3	48	0.95	1	1	2.011679
Type 3S2_str	BOBJ1	208	Before	Interior Girder 4	48	0.95	1	1	2.012521
Type 3S2_str	BOBJ1	208	Before	Interior Girder 5	48	0.95	1	1	1.971395
Type 3S2_str	BOBJ1	208	Before	Interior Girder 6	48	0.95	1	1	1.838398
Type 3S2_str	BOBJ1	208	Before	Right Exterior Girder	48	0.95	1	1	2.058954
Type 3S2_str	BOBJ1	208	After	Left Exterior Girder	48	0.95	1	1	2.043968
Type 3S2_str	BOBJ1	208	After	Interior Girder 1	48	0.95	1	1	1.841937
Type 3S2_str	BOBJ1	208	After	Interior Girder 2	48	0.95	1	1	1.973082
Type 3S2_str	BOBJ1	208	After	Interior Girder 3	48	0.95	1	1	2.009249
Type 3S2_str	BOBJ1	208	After	Interior Girder 4	48	0.95	1	1	2.010083
Type 3S2_str	BOBJ1	208	After	Interior Girder 5	48	0.95	1	1	1.974171
Type 3S2_str	BOBJ1	208	After	Interior Girder 6	48	0.95	1	1	1.841425
Type 3S2_str	BOBJ1	208	After	Right Exterior Girder	48	0.95	1	1	2.046071
Type 3S2_str	BOBJ1	216	Before	Left Exterior Girder	56	0.95	1	1	2.404068
Type 3S2_str	BOBJ1	216	Before	Interior Girder 1	56	0.95	1	1	2.00972
Type 3S2_str	BOBJ1	216	Before	Interior Girder 2	56	0.95	1	1	2.095019
Type 3S2_str	BOBJ1	216	Before	Interior Girder 3	56	0.95	1	1	2.17516
Type 3S2_str	BOBJ1	216	Before	Interior Girder 4	56	0.95	1	1	2.179728
Type 3S2_str	BOBJ1	216	Before	Interior Girder 5	56	0.95	1	1	2.091382
Type 3S2_str	BOBJ1	216	Before	Interior Girder 6	56	0.95	1	1	2.012469
Type 3S2_str	BOBJ1	216	Before	Right Exterior Girder	56	0.95	1	1	2.406038
Type 3S2_str	BOBJ1	216	After	Left Exterior Girder	56	0.95	1	1	2.351876
Type 3S2_str	BOBJ1	216	After	Interior Girder 1	56	0.95	1	1	2.031262
Type 3S2_str	BOBJ1	216	After	Interior Girder 2	56	0.95	1	1	2.098226
Type 3S2_str	BOBJ1	216	After	Interior Girder 3	56	0.95	1	1	2.164696
Type 3S2_str	BOBJ1	216	After	Interior Girder 4	56	0.95	1	1	2.169289
Type 3S2_str	BOBJ1	216	After	Interior Girder 5	56	0.95	1	1	2.094694
Type 3S2_str	BOBJ1	216	After	Interior Girder 6	56	0.95	1	1	2.034037
Type 3S2_str	BOBJ1	216	After	Right Exterior Girder	56	0.95	1	1	2.353941
Type 3S2_str	BOBJ1	224	Before	Left Exterior Girder	64	0.95	1	1	3.308901
Type 3S2_str	BOBJ1	224	Before	Interior Girder 1	64	0.95	1	1	2.868847
Type 3S2_str	BOBJ1	224	Before	Interior Girder 2	64	0.95	1	1	2.924611
Type 3S2_str	BOBJ1	224	Before	Interior Girder 3	64	0.95	1	1	2.98584
Type 3S2_str	BOBJ1	224	Before	Interior Girder 4	64	0.95	1	1	2.98831
Type 3S2_str	BOBJ1	224	Before	Interior Girder 5	64	0.95	1	1	2.927589
Type 3S2_str	BOBJ1	224	Before	Interior Girder 6	64	0.95	1	1	2.868757
Type 3S2_str	BOBJ1	224	Before	Right Exterior Girder	64	0.95	1	1	3.312578
Type 3S2_str	BOBJ1	224	After	Left Exterior Girder	64	0.95	1	1	3.204913
Type 3S2_str	BOBJ1	224	After	Interior Girder 1	64	0.95	1	1	2.931016
Type 3S2_str	BOBJ1	224	After	Interior Girder 2	64	0.95	1	1	2.922129
Type 3S2_str	BOBJ1	224	After	Interior Girder 3	64	0.95	1	1	2.952992
Type 3S2_str	BOBJ1	224	After	Interior Girder 4	64	0.95	1	1	2.955163
Type 3S2_str	BOBJ1	224	After	Interior Girder 5	64	0.95	1	1	2.924303
Type 3S2_str	BOBJ1	224	After	Interior Girder 6	64	0.95	1	1	2.931184
Type 3S2_str	BOBJ1	224	After	Right Exterior Girder	64	0.95	1	1	3.208785
Type 3S2_str	BOBJ1	232	Before	Left Exterior Girder	72	0.95	1	1	6.943217
Type 3S2_str	BOBJ1	232	Before	Interior Girder 1	72	0.95	1	1	5.332287
Type 3S2_str	BOBJ1	232	Before	Interior Girder 2	72	0.95	1	1	5.200104
Type 3S2_str	BOBJ1	232	Before	Interior Girder 3	72	0.95	1	1	5.37465
Type 3S2_str	BOBJ1	232	Before	Interior Girder 4	72	0.95	1	1	5.403281
Type 3S2_str	BOBJ1	232	Before	Interior Girder 5	72	0.95	1	1	5.196126
Type 3S2_str	BOBJ1	232	Before	Interior Girder 6	72	0.95	1	1	5.345165
Type 3S2_str	BOBJ1	232	Before	Right Exterior Girder	72	0.95	1	1	6.947906
Type 3S2_str	BOBJ1	232	After	Left Exterior Girder	72	0.95	1	1	6.756956
Type 3S2_str	BOBJ1	232	After	Interior Girder 1	72	0.95	1	1	5.395141
Type 3S2_str	BOBJ1	232	After	Interior Girder 2	72	0.95	1	1	5.143921
Type 3S2_str	BOBJ1	232	After	Interior Girder 3	72	0.95	1	1	5.113919
Type 3S2_str	BOBJ1	232	After	Interior Girder 4	72	0.95	1	1	5.143369
Type 3S2_str	BOBJ1	232	After	Interior Girder 5	72	0.95	1	1	5.1384
Type 3S2_str	BOBJ1	232	After	Interior Girder 6	72	0.95	1	1	5.410222
Type 3S2_str	BOBJ1	232	After	Right Exterior Girder	72	0.95	1	1	6.762964
Type 3S2_str	BOBJ1	240	Before	Left Exterior Girder	80	0.95	1	1	63.208362
Type 3S2_str	BOBJ1	240	Before	Interior Girder 1	80	0.95	1	1	43.979231
Type 3S2_str	BOBJ1	240	Before	Interior Girder 2	80	0.95	1	1	35.964147
Type 3S2_str	BOBJ1	240	Before	Interior Girder 3	80	0.95	1	1	23.660577

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelINonCompStrgth-Flx - Approach, Span 4-E									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Type 3S2_str	BOBJ1	240	Before	Interior Girder 4	80	0.95	1	1	23.83674
Type 3S2_str	BOBJ1	240	Before	Interior Girder 5	80	0.95	1	1	35.521035
Type 3S2_str	BOBJ1	240	Before	Interior Girder 6	80	0.95	1	1	43.984727
Type 3S2_str	BOBJ1	240	Before	Right Exterior Girder	80	0.95	1	1	63.208362
Type 3-3_str	BOBJ1	0	After	Left Exterior Girder	0	0.95	1	1	438.333554
Type 3-3_str	BOBJ1	0	After	Interior Girder 1	0	0.95	1	1	372.919834
Type 3-3_str	BOBJ1	0	After	Interior Girder 2	0	0.95	1	1	470.976367
Type 3-3_str	BOBJ1	0	After	Interior Girder 3	0	0.95	1	1	275.925981
Type 3-3_str	BOBJ1	0	After	Interior Girder 4	0	0.95	1	1	274.95991
Type 3-3_str	BOBJ1	0	After	Interior Girder 5	0	0.95	1	1	468.84179
Type 3-3_str	BOBJ1	0	After	Interior Girder 6	0	0.95	1	1	361.623184
Type 3-3_str	BOBJ1	0	After	Right Exterior Girder	0	0.95	1	1	442.134454
Type 3-3_str	BOBJ1	8	Before	Left Exterior Girder	8	0.95	1	1	6.746142
Type 3-3_str	BOBJ1	8	Before	Interior Girder 1	8	0.95	1	1	5.768361
Type 3-3_str	BOBJ1	8	Before	Interior Girder 2	8	0.95	1	1	5.565773
Type 3-3_str	BOBJ1	8	Before	Interior Girder 3	8	0.95	1	1	5.288886
Type 3-3_str	BOBJ1	8	Before	Interior Girder 4	8	0.95	1	1	5.318565
Type 3-3_str	BOBJ1	8	Before	Interior Girder 5	8	0.95	1	1	5.55425
Type 3-3_str	BOBJ1	8	Before	Interior Girder 6	8	0.95	1	1	5.786897
Type 3-3_str	BOBJ1	8	Before	Right Exterior Girder	8	0.95	1	1	6.753647
Type 3-3_str	BOBJ1	8	After	Left Exterior Girder	8	0.95	1	1	6.947682
Type 3-3_str	BOBJ1	8	After	Interior Girder 1	8	0.95	1	1	5.667378
Type 3-3_str	BOBJ1	8	After	Interior Girder 2	8	0.95	1	1	5.65945
Type 3-3_str	BOBJ1	8	After	Interior Girder 3	8	0.95	1	1	5.532656
Type 3-3_str	BOBJ1	8	After	Interior Girder 4	8	0.95	1	1	5.562191
Type 3-3_str	BOBJ1	8	After	Interior Girder 5	8	0.95	1	1	5.648037
Type 3-3_str	BOBJ1	8	After	Interior Girder 6	8	0.95	1	1	5.68395
Type 3-3_str	BOBJ1	8	After	Right Exterior Girder	8	0.95	1	1	6.953659
Type 3-3_str	BOBJ1	16	Before	Left Exterior Girder	16	0.95	1	1	3.227841
Type 3-3_str	BOBJ1	16	Before	Interior Girder 1	16	0.95	1	1	3.372213
Type 3-3_str	BOBJ1	16	Before	Interior Girder 2	16	0.95	1	1	3.353792
Type 3-3_str	BOBJ1	16	Before	Interior Girder 3	16	0.95	1	1	3.338491
Type 3-3_str	BOBJ1	16	Before	Interior Girder 4	16	0.95	1	1	3.335758
Type 3-3_str	BOBJ1	16	Before	Interior Girder 5	16	0.95	1	1	3.35479
Type 3-3_str	BOBJ1	16	Before	Interior Girder 6	16	0.95	1	1	3.372073
Type 3-3_str	BOBJ1	16	Before	Right Exterior Girder	16	0.95	1	1	3.231739
Type 3-3_str	BOBJ1	16	After	Left Exterior Girder	16	0.95	1	1	3.324282
Type 3-3_str	BOBJ1	16	After	Interior Girder 1	16	0.95	1	1	3.29637
Type 3-3_str	BOBJ1	16	After	Interior Girder 2	16	0.95	1	1	3.354438
Type 3-3_str	BOBJ1	16	After	Interior Girder 3	16	0.95	1	1	3.365998
Type 3-3_str	BOBJ1	16	After	Interior Girder 4	16	0.95	1	1	3.36685
Type 3-3_str	BOBJ1	16	After	Interior Girder 5	16	0.95	1	1	3.356251
Type 3-3_str	BOBJ1	16	After	Interior Girder 6	16	0.95	1	1	3.296433
Type 3-3_str	BOBJ1	16	After	Right Exterior Girder	16	0.95	1	1	3.32799
Type 3-3_str	BOBJ1	20.5	Before	Left Exterior Girder	20.5	0.95	1	1	2.686824
Type 3-3_str	BOBJ1	20.5	Before	Right Exterior Girder	20.5	0.95	1	1	2.689554
Type 3-3_str	BOBJ1	20.5	After	Left Exterior Girder	20.5	0.95	1	1	3.991072
Type 3-3_str	BOBJ1	20.5	After	Right Exterior Girder	20.5	0.95	1	1	3.994899
Type 3-3_str	BOBJ1	24	Before	Left Exterior Girder	24	0.95	1	1	3.58869
Type 3-3_str	BOBJ1	24	Before	Interior Girder 1	24	0.95	1	1	2.480276
Type 3-3_str	BOBJ1	24	Before	Interior Girder 2	24	0.95	1	1	2.53355
Type 3-3_str	BOBJ1	24	Before	Interior Girder 3	24	0.95	1	1	2.533543
Type 3-3_str	BOBJ1	24	Before	Interior Girder 4	24	0.95	1	1	2.537172
Type 3-3_str	BOBJ1	24	Before	Interior Girder 5	24	0.95	1	1	2.530438
Type 3-3_str	BOBJ1	24	Before	Interior Girder 6	24	0.95	1	1	2.483171
Type 3-3_str	BOBJ1	24	Before	Right Exterior Girder	24	0.95	1	1	3.591985
Type 3-3_str	BOBJ1	24	After	Left Exterior Girder	24	0.95	1	1	3.613604
Type 3-3_str	BOBJ1	24	After	Interior Girder 1	24	0.95	1	1	2.47946
Type 3-3_str	BOBJ1	24	After	Interior Girder 2	24	0.95	1	1	2.53394
Type 3-3_str	BOBJ1	24	After	Interior Girder 3	24	0.95	1	1	2.545222
Type 3-3_str	BOBJ1	24	After	Interior Girder 4	24	0.95	1	1	2.550244
Type 3-3_str	BOBJ1	24	After	Interior Girder 5	24	0.95	1	1	2.530118
Type 3-3_str	BOBJ1	24	After	Interior Girder 6	24	0.95	1	1	2.482291
Type 3-3_str	BOBJ1	24	After	Right Exterior Girder	24	0.95	1	1	3.616775
Type 3-3_str	BOBJ1	32	Before	Left Exterior Girder	32	0.95	1	1	3.06086

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelINonCompStrgth-Flx - Approach, Span 4-E									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Type 3-3_str	BOBJ1	32	Before	Interior Girder 1	32	0.95	1	1	2.330021
Type 3-3_str	BOBJ1	32	Before	Interior Girder 2	32	0.95	1	1	2.416864
Type 3-3_str	BOBJ1	32	Before	Interior Girder 3	32	0.95	1	1	2.392845
Type 3-3_str	BOBJ1	32	Before	Interior Girder 4	32	0.95	1	1	2.39374
Type 3-3_str	BOBJ1	32	Before	Interior Girder 5	32	0.95	1	1	2.418326
Type 3-3_str	BOBJ1	32	Before	Interior Girder 6	32	0.95	1	1	2.329657
Type 3-3_str	BOBJ1	32	Before	Right Exterior Girder	32	0.95	1	1	3.063584
Type 3-3_str	BOBJ1	32	After	Left Exterior Girder	32	0.95	1	1	3.077595
Type 3-3_str	BOBJ1	32	After	Interior Girder 1	32	0.95	1	1	2.326986
Type 3-3_str	BOBJ1	32	After	Interior Girder 2	32	0.95	1	1	2.414762
Type 3-3_str	BOBJ1	32	After	Interior Girder 3	32	0.95	1	1	2.394361
Type 3-3_str	BOBJ1	32	After	Interior Girder 4	32	0.95	1	1	2.395658
Type 3-3_str	BOBJ1	32	After	Interior Girder 5	32	0.95	1	1	2.416122
Type 3-3_str	BOBJ1	32	After	Interior Girder 6	32	0.95	1	1	2.326628
Type 3-3_str	BOBJ1	32	After	Right Exterior Girder	32	0.95	1	1	3.080299
Type 3-3_str	BOBJ1	40	Before	Left Exterior Girder	40	0.95	1	1	3.310464
Type 3-3_str	BOBJ1	40	Before	Interior Girder 1	40	0.95	1	1	2.398468
Type 3-3_str	BOBJ1	40	Before	Interior Girder 2	40	0.95	1	1	2.492807
Type 3-3_str	BOBJ1	40	Before	Interior Girder 3	40	0.95	1	1	2.491873
Type 3-3_str	BOBJ1	40	Before	Interior Girder 4	40	0.95	1	1	2.495226
Type 3-3_str	BOBJ1	40	Before	Interior Girder 5	40	0.95	1	1	2.492254
Type 3-3_str	BOBJ1	40	Before	Interior Girder 6	40	0.95	1	1	2.400292
Type 3-3_str	BOBJ1	40	Before	Right Exterior Girder	40	0.95	1	1	3.313119
Type 3-3_str	BOBJ1	40	After	Left Exterior Girder	40	0.95	1	1	3.302143
Type 3-3_str	BOBJ1	40	After	Interior Girder 1	40	0.95	1	1	2.409894
Type 3-3_str	BOBJ1	40	After	Interior Girder 2	40	0.95	1	1	2.484274
Type 3-3_str	BOBJ1	40	After	Interior Girder 3	40	0.95	1	1	2.483637
Type 3-3_str	BOBJ1	40	After	Interior Girder 4	40	0.95	1	1	2.486085
Type 3-3_str	BOBJ1	40	After	Interior Girder 5	40	0.95	1	1	2.484249
Type 3-3_str	BOBJ1	40	After	Interior Girder 6	40	0.95	1	1	2.41173
Type 3-3_str	BOBJ1	40	After	Right Exterior Girder	40	0.95	1	1	3.304918
Type 3-3_str	BOBJ1	46.5	Before	Left Exterior Girder	46.5	0.95	1	1	3.819348
Type 3-3_str	BOBJ1	46.5	Before	Right Exterior Girder	46.5	0.95	1	1	3.82304
Type 3-3_str	BOBJ1	46.5	After	Left Exterior Girder	46.5	0.95	1	1	2.628419
Type 3-3_str	BOBJ1	46.5	After	Right Exterior Girder	46.5	0.95	1	1	2.63101
Type 3-3_str	BOBJ1	48	Before	Left Exterior Girder	48	0.95	1	1	2.796441
Type 3-3_str	BOBJ1	48	Before	Interior Girder 1	48	0.95	1	1	2.935793
Type 3-3_str	BOBJ1	48	Before	Interior Girder 2	48	0.95	1	1	3.079377
Type 3-3_str	BOBJ1	48	Before	Interior Girder 3	48	0.95	1	1	3.028736
Type 3-3_str	BOBJ1	48	Before	Interior Girder 4	48	0.95	1	1	3.031914
Type 3-3_str	BOBJ1	48	Before	Interior Girder 5	48	0.95	1	1	3.082309
Type 3-3_str	BOBJ1	48	Before	Interior Girder 6	48	0.95	1	1	2.935259
Type 3-3_str	BOBJ1	48	Before	Right Exterior Girder	48	0.95	1	1	2.799111
Type 3-3_str	BOBJ1	48	After	Left Exterior Girder	48	0.95	1	1	2.740611
Type 3-3_str	BOBJ1	48	After	Interior Girder 1	48	0.95	1	1	2.978771
Type 3-3_str	BOBJ1	48	After	Interior Girder 2	48	0.95	1	1	3.083163
Type 3-3_str	BOBJ1	48	After	Interior Girder 3	48	0.95	1	1	3.015103
Type 3-3_str	BOBJ1	48	After	Interior Girder 4	48	0.95	1	1	3.017572
Type 3-3_str	BOBJ1	48	After	Interior Girder 5	48	0.95	1	1	3.083108
Type 3-3_str	BOBJ1	48	After	Interior Girder 6	48	0.95	1	1	2.97802
Type 3-3_str	BOBJ1	48	After	Right Exterior Girder	48	0.95	1	1	2.743343
Type 3-3_str	BOBJ1	56	Before	Left Exterior Girder	56	0.95	1	1	4.419787
Type 3-3_str	BOBJ1	56	Before	Interior Girder 1	56	0.95	1	1	4.193213
Type 3-3_str	BOBJ1	56	Before	Interior Girder 2	56	0.95	1	1	4.193763
Type 3-3_str	BOBJ1	56	Before	Interior Girder 3	56	0.95	1	1	4.223539
Type 3-3_str	BOBJ1	56	Before	Interior Girder 4	56	0.95	1	1	4.235797
Type 3-3_str	BOBJ1	56	Before	Interior Girder 5	56	0.95	1	1	4.19236
Type 3-3_str	BOBJ1	56	Before	Interior Girder 6	56	0.95	1	1	4.198985
Type 3-3_str	BOBJ1	56	Before	Right Exterior Girder	56	0.95	1	1	4.423272
Type 3-3_str	BOBJ1	56	After	Left Exterior Girder	56	0.95	1	1	4.291122
Type 3-3_str	BOBJ1	56	After	Interior Girder 1	56	0.95	1	1	4.285785
Type 3-3_str	BOBJ1	56	After	Interior Girder 2	56	0.95	1	1	4.188666
Type 3-3_str	BOBJ1	56	After	Interior Girder 3	56	0.95	1	1	4.204077
Type 3-3_str	BOBJ1	56	After	Interior Girder 4	56	0.95	1	1	4.212217
Type 3-3_str	BOBJ1	56	After	Interior Girder 5	56	0.95	1	1	4.183526

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelINonCompStrgth-Flx - Approach, Span 4-6									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Type 3-3_str	BOBJ1	56	After	Interior Girder 6	56	0.95	1	1	4.292133
Type 3-3_str	BOBJ1	56	After	Right Exterior Girder	56	0.95	1	1	4.294844
Type 3-3_str	BOBJ1	59	Before	Interior Girder 1	59	0.95	1	1	5.288915
Type 3-3_str	BOBJ1	59	Before	Interior Girder 2	59	0.95	1	1	5.080376
Type 3-3_str	BOBJ1	59	Before	Interior Girder 3	59	0.95	1	1	5.172242
Type 3-3_str	BOBJ1	59	Before	Interior Girder 4	59	0.95	1	1	5.193108
Type 3-3_str	BOBJ1	59	Before	Interior Girder 5	59	0.95	1	1	5.077304
Type 3-3_str	BOBJ1	59	Before	Interior Girder 6	59	0.95	1	1	5.296134
Type 3-3_str	BOBJ1	59	After	Interior Girder 1	59	0.95	1	1	2.711031
Type 3-3_str	BOBJ1	59	After	Interior Girder 2	59	0.95	1	1	2.62048
Type 3-3_str	BOBJ1	59	After	Interior Girder 3	59	0.95	1	1	2.594886
Type 3-3_str	BOBJ1	59	After	Interior Girder 4	59	0.95	1	1	2.607716
Type 3-3_str	BOBJ1	59	After	Interior Girder 5	59	0.95	1	1	2.619348
Type 3-3_str	BOBJ1	59	After	Interior Girder 6	59	0.95	1	1	2.714384
Type 3-3_str	BOBJ1	64	Before	Left Exterior Girder	64	0.95	1	1	6.905393
Type 3-3_str	BOBJ1	64	Before	Interior Girder 1	64	0.95	1	1	3.806344
Type 3-3_str	BOBJ1	64	Before	Interior Girder 2	64	0.95	1	1	3.897218
Type 3-3_str	BOBJ1	64	Before	Interior Girder 3	64	0.95	1	1	4.075117
Type 3-3_str	BOBJ1	64	Before	Interior Girder 4	64	0.95	1	1	4.072846
Type 3-3_str	BOBJ1	64	Before	Interior Girder 5	64	0.95	1	1	3.895037
Type 3-3_str	BOBJ1	64	Before	Interior Girder 6	64	0.95	1	1	3.80671
Type 3-3_str	BOBJ1	64	Before	Right Exterior Girder	64	0.95	1	1	6.91132
Type 3-3_str	BOBJ1	64	After	Left Exterior Girder	64	0.95	1	1	6.642124
Type 3-3_str	BOBJ1	64	After	Interior Girder 1	64	0.95	1	1	3.764488
Type 3-3_str	BOBJ1	64	After	Interior Girder 2	64	0.95	1	1	3.862249
Type 3-3_str	BOBJ1	64	After	Interior Girder 3	64	0.95	1	1	4.07411
Type 3-3_str	BOBJ1	64	After	Interior Girder 4	64	0.95	1	1	4.071706
Type 3-3_str	BOBJ1	64	After	Interior Girder 5	64	0.95	1	1	3.86014
Type 3-3_str	BOBJ1	64	After	Interior Girder 6	64	0.95	1	1	3.76488
Type 3-3_str	BOBJ1	64	After	Right Exterior Girder	64	0.95	1	1	6.647731
Type 3-3_str	BOBJ1	69	Before	Interior Girder 1	69	0.95	1	1	2.724782
Type 3-3_str	BOBJ1	69	Before	Interior Girder 2	69	0.95	1	1	2.81236
Type 3-3_str	BOBJ1	69	Before	Interior Girder 3	69	0.95	1	1	2.761569
Type 3-3_str	BOBJ1	69	Before	Interior Girder 4	69	0.95	1	1	2.759875
Type 3-3_str	BOBJ1	69	Before	Interior Girder 5	69	0.95	1	1	2.810245
Type 3-3_str	BOBJ1	69	Before	Interior Girder 6	69	0.95	1	1	2.725356
Type 3-3_str	BOBJ1	69	After	Interior Girder 1	69	0.95	1	1	5.946894
Type 3-3_str	BOBJ1	69	After	Interior Girder 2	69	0.95	1	1	6.025639
Type 3-3_str	BOBJ1	69	After	Interior Girder 3	69	0.95	1	1	5.998242
Type 3-3_str	BOBJ1	69	After	Interior Girder 4	69	0.95	1	1	5.994357
Type 3-3_str	BOBJ1	69	After	Interior Girder 5	69	0.95	1	1	6.021297
Type 3-3_str	BOBJ1	69	After	Interior Girder 6	69	0.95	1	1	5.948074
Type 3-3_str	BOBJ1	72	Before	Left Exterior Girder	72	0.95	1	1	4.603318
Type 3-3_str	BOBJ1	72	Before	Interior Girder 1	72	0.95	1	1	5.210874
Type 3-3_str	BOBJ1	72	Before	Interior Girder 2	72	0.95	1	1	5.268412
Type 3-3_str	BOBJ1	72	Before	Interior Girder 3	72	0.95	1	1	5.069676
Type 3-3_str	BOBJ1	72	Before	Interior Girder 4	72	0.95	1	1	5.06641
Type 3-3_str	BOBJ1	72	Before	Interior Girder 5	72	0.95	1	1	5.26402
Type 3-3_str	BOBJ1	72	Before	Interior Girder 6	72	0.95	1	1	5.212241
Type 3-3_str	BOBJ1	72	Before	Right Exterior Girder	72	0.95	1	1	4.608148
Type 3-3_str	BOBJ1	72	After	Left Exterior Girder	72	0.95	1	1	4.655668
Type 3-3_str	BOBJ1	72	After	Interior Girder 1	72	0.95	1	1	5.124469
Type 3-3_str	BOBJ1	72	After	Interior Girder 2	72	0.95	1	1	5.203871
Type 3-3_str	BOBJ1	72	After	Interior Girder 3	72	0.95	1	1	5.044259
Type 3-3_str	BOBJ1	72	After	Interior Girder 4	72	0.95	1	1	5.041475
Type 3-3_str	BOBJ1	72	After	Interior Girder 5	72	0.95	1	1	5.198562
Type 3-3_str	BOBJ1	72	After	Interior Girder 6	72	0.95	1	1	5.12633
Type 3-3_str	BOBJ1	72	After	Right Exterior Girder	72	0.95	1	1	4.660834
Type 3-3_str	BOBJ1	72.5	Before	Left Exterior Girder	72.5	0.95	1	1	4.486188
Type 3-3_str	BOBJ1	72.5	Before	Right Exterior Girder	72.5	0.95	1	1	4.491263
Type 3-3_str	BOBJ1	72.5	After	Left Exterior Girder	72.5	0.95	1	1	6.830892
Type 3-3_str	BOBJ1	72.5	After	Right Exterior Girder	72.5	0.95	1	1	6.838849
Type 3-3_str	BOBJ1	80	Before	Left Exterior Girder	80	0.95	1	1	4.58245
Type 3-3_str	BOBJ1	80	Before	Interior Girder 1	80	0.95	1	1	3.069799
Type 3-3_str	BOBJ1	80	Before	Interior Girder 2	80	0.95	1	1	3.03755

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelINonCompStrgth-Flx - Approach, Span 4-6									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Type 3-3_str	BOBJ1	80	Before	Interior Girder 3	80	0.95	1	1	2.418313
Type 3-3_str	BOBJ1	80	Before	Interior Girder 4	80	0.95	1	1	2.42489
Type 3-3_str	BOBJ1	80	Before	Interior Girder 5	80	0.95	1	1	3.032892
Type 3-3_str	BOBJ1	80	Before	Interior Girder 6	80	0.95	1	1	3.072615
Type 3-3_str	BOBJ1	80	Before	Right Exterior Girder	80	0.95	1	1	4.589221
Type 3-3_str	BOBJ1	80	After	Left Exterior Girder	0	0.95	1	1	4.505888
Type 3-3_str	BOBJ1	80	After	Interior Girder 1	0	0.95	1	1	3.094149
Type 3-3_str	BOBJ1	80	After	Interior Girder 2	0	0.95	1	1	3.010378
Type 3-3_str	BOBJ1	80	After	Interior Girder 3	0	0.95	1	1	2.386555
Type 3-3_str	BOBJ1	80	After	Interior Girder 4	0	0.95	1	1	2.393357
Type 3-3_str	BOBJ1	80	After	Interior Girder 5	0	0.95	1	1	3.005757
Type 3-3_str	BOBJ1	80	After	Interior Girder 6	0	0.95	1	1	3.09531
Type 3-3_str	BOBJ1	80	After	Right Exterior Girder	0	0.95	1	1	4.510895
Type 3-3_str	BOBJ1	87.5	Before	Left Exterior Girder	7.5	0.95	1	1	6.974106
Type 3-3_str	BOBJ1	87.5	Before	Right Exterior Girder	7.5	0.95	1	1	6.982732
Type 3-3_str	BOBJ1	87.5	After	Left Exterior Girder	7.5	0.95	1	1	4.491833
Type 3-3_str	BOBJ1	87.5	After	Right Exterior Girder	7.5	0.95	1	1	4.497058
Type 3-3_str	BOBJ1	88	Before	Left Exterior Girder	8	0.95	1	1	4.633149
Type 3-3_str	BOBJ1	88	Before	Interior Girder 1	8	0.95	1	1	4.830342
Type 3-3_str	BOBJ1	88	Before	Interior Girder 2	8	0.95	1	1	4.869301
Type 3-3_str	BOBJ1	88	Before	Interior Girder 3	8	0.95	1	1	4.63704
Type 3-3_str	BOBJ1	88	Before	Interior Girder 4	8	0.95	1	1	4.634694
Type 3-3_str	BOBJ1	88	Before	Interior Girder 5	8	0.95	1	1	4.864877
Type 3-3_str	BOBJ1	88	Before	Interior Girder 6	8	0.95	1	1	4.832002
Type 3-3_str	BOBJ1	88	Before	Right Exterior Girder	8	0.95	1	1	4.638412
Type 3-3_str	BOBJ1	88	After	Left Exterior Girder	8	0.95	1	1	4.634503
Type 3-3_str	BOBJ1	88	After	Interior Girder 1	8	0.95	1	1	4.866449
Type 3-3_str	BOBJ1	88	After	Interior Girder 2	8	0.95	1	1	4.927748
Type 3-3_str	BOBJ1	88	After	Interior Girder 3	8	0.95	1	1	4.661454
Type 3-3_str	BOBJ1	88	After	Interior Girder 4	8	0.95	1	1	4.658619
Type 3-3_str	BOBJ1	88	After	Interior Girder 5	8	0.95	1	1	4.923639
Type 3-3_str	BOBJ1	88	After	Interior Girder 6	8	0.95	1	1	4.867682
Type 3-3_str	BOBJ1	88	After	Right Exterior Girder	8	0.95	1	1	4.639555
Type 3-3_str	BOBJ1	91	Before	Interior Girder 1	11	0.95	1	1	5.470955
Type 3-3_str	BOBJ1	91	Before	Interior Girder 2	11	0.95	1	1	5.595762
Type 3-3_str	BOBJ1	91	Before	Interior Girder 3	11	0.95	1	1	5.499216
Type 3-3_str	BOBJ1	91	Before	Interior Girder 4	11	0.95	1	1	5.495824
Type 3-3_str	BOBJ1	91	Before	Interior Girder 5	11	0.95	1	1	5.591715
Type 3-3_str	BOBJ1	91	Before	Interior Girder 6	11	0.95	1	1	5.471998
Type 3-3_str	BOBJ1	91	After	Interior Girder 1	11	0.95	1	1	2.239994
Type 3-3_str	BOBJ1	91	After	Interior Girder 2	11	0.95	1	1	2.348237
Type 3-3_str	BOBJ1	91	After	Interior Girder 3	11	0.95	1	1	2.274697
Type 3-3_str	BOBJ1	91	After	Interior Girder 4	11	0.95	1	1	2.273379
Type 3-3_str	BOBJ1	91	After	Interior Girder 5	11	0.95	1	1	2.34649
Type 3-3_str	BOBJ1	91	After	Interior Girder 6	11	0.95	1	1	2.240456
Type 3-3_str	BOBJ1	96	Before	Left Exterior Girder	16	0.95	1	1	6.819761
Type 3-3_str	BOBJ1	96	Before	Interior Girder 1	16	0.95	1	1	3.039542
Type 3-3_str	BOBJ1	96	Before	Interior Girder 2	16	0.95	1	1	3.189234
Type 3-3_str	BOBJ1	96	Before	Interior Girder 3	16	0.95	1	1	3.373607
Type 3-3_str	BOBJ1	96	Before	Interior Girder 4	16	0.95	1	1	3.371703
Type 3-3_str	BOBJ1	96	Before	Interior Girder 5	16	0.95	1	1	3.187527
Type 3-3_str	BOBJ1	96	Before	Interior Girder 6	16	0.95	1	1	3.039851
Type 3-3_str	BOBJ1	96	Before	Right Exterior Girder	16	0.95	1	1	6.825618
Type 3-3_str	BOBJ1	96	After	Left Exterior Girder	16	0.95	1	1	3.316047
Type 3-3_str	BOBJ1	96	After	Interior Girder 1	16	0.95	1	1	3.599794
Type 3-3_str	BOBJ1	96	After	Interior Girder 2	16	0.95	1	1	3.739548
Type 3-3_str	BOBJ1	96	After	Interior Girder 3	16	0.95	1	1	3.89424
Type 3-3_str	BOBJ1	96	After	Interior Girder 4	16	0.95	1	1	3.89213
Type 3-3_str	BOBJ1	96	After	Interior Girder 5	16	0.95	1	1	3.737433
Type 3-3_str	BOBJ1	96	After	Interior Girder 6	16	0.95	1	1	3.600149
Type 3-3_str	BOBJ1	96	After	Right Exterior Girder	16	0.95	1	1	3.31901
Type 3-3_str	BOBJ1	104	Before	Left Exterior Girder	24	0.95	1	1	3.92962
Type 3-3_str	BOBJ1	104	Before	Interior Girder 1	24	0.95	1	1	3.53722
Type 3-3_str	BOBJ1	104	Before	Interior Girder 2	24	0.95	1	1	3.384801
Type 3-3_str	BOBJ1	104	Before	Interior Girder 3	24	0.95	1	1	3.331438

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelINonCompStrgth-Flx - Approach, Span 4-6									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Type 3-3_str	BOBJ1	104	Before	Interior Girder 4	24	0.95	1	1	3.345766
Type 3-3_str	BOBJ1	104	Before	Interior Girder 5	24	0.95	1	1	3.381544
Type 3-3_str	BOBJ1	104	Before	Interior Girder 6	24	0.95	1	1	3.544204
Type 3-3_str	BOBJ1	104	Before	Right Exterior Girder	24	0.95	1	1	3.933167
Type 3-3_str	BOBJ1	104	After	Left Exterior Girder	24	0.95	1	1	4.064207
Type 3-3_str	BOBJ1	104	After	Interior Girder 1	24	0.95	1	1	3.447382
Type 3-3_str	BOBJ1	104	After	Interior Girder 2	24	0.95	1	1	3.371532
Type 3-3_str	BOBJ1	104	After	Interior Girder 3	24	0.95	1	1	3.388779
Type 3-3_str	BOBJ1	104	After	Interior Girder 4	24	0.95	1	1	3.405141
Type 3-3_str	BOBJ1	104	After	Interior Girder 5	24	0.95	1	1	3.369413
Type 3-3_str	BOBJ1	104	After	Interior Girder 6	24	0.95	1	1	3.454143
Type 3-3_str	BOBJ1	104	After	Right Exterior Girder	24	0.95	1	1	4.067344
Type 3-3_str	BOBJ1	112	Before	Left Exterior Girder	32	0.95	1	1	2.525174
Type 3-3_str	BOBJ1	112	Before	Interior Girder 1	32	0.95	1	1	2.594816
Type 3-3_str	BOBJ1	112	Before	Interior Girder 2	32	0.95	1	1	2.661352
Type 3-3_str	BOBJ1	112	Before	Interior Girder 3	32	0.95	1	1	2.601918
Type 3-3_str	BOBJ1	112	Before	Interior Girder 4	32	0.95	1	1	2.604286
Type 3-3_str	BOBJ1	112	Before	Interior Girder 5	32	0.95	1	1	2.663759
Type 3-3_str	BOBJ1	112	Before	Interior Girder 6	32	0.95	1	1	2.593985
Type 3-3_str	BOBJ1	112	Before	Right Exterior Girder	32	0.95	1	1	2.527516
Type 3-3_str	BOBJ1	112	After	Left Exterior Girder	32	0.95	1	1	2.573941
Type 3-3_str	BOBJ1	112	After	Interior Girder 1	32	0.95	1	1	2.561354
Type 3-3_str	BOBJ1	112	After	Interior Girder 2	32	0.95	1	1	2.65202
Type 3-3_str	BOBJ1	112	After	Interior Girder 3	32	0.95	1	1	2.608124
Type 3-3_str	BOBJ1	112	After	Interior Girder 4	32	0.95	1	1	2.610441
Type 3-3_str	BOBJ1	112	After	Interior Girder 5	32	0.95	1	1	2.655086
Type 3-3_str	BOBJ1	112	After	Interior Girder 6	32	0.95	1	1	2.560679
Type 3-3_str	BOBJ1	112	After	Right Exterior Girder	32	0.95	1	1	2.576232
Type 3-3_str	BOBJ1	120	Before	Left Exterior Girder	40	0.95	1	1	2.314272
Type 3-3_str	BOBJ1	120	Before	Interior Girder 1	40	0.95	1	1	2.283021
Type 3-3_str	BOBJ1	120	Before	Interior Girder 2	40	0.95	1	1	2.323454
Type 3-3_str	BOBJ1	120	Before	Interior Girder 3	40	0.95	1	1	2.32696
Type 3-3_str	BOBJ1	120	Before	Interior Girder 4	40	0.95	1	1	2.3331
Type 3-3_str	BOBJ1	120	Before	Interior Girder 5	40	0.95	1	1	2.3204
Type 3-3_str	BOBJ1	120	Before	Interior Girder 6	40	0.95	1	1	2.284797
Type 3-3_str	BOBJ1	120	Before	Right Exterior Girder	40	0.95	1	1	2.316455
Type 3-3_str	BOBJ1	120	After	Left Exterior Girder	40	0.95	1	1	2.317098
Type 3-3_str	BOBJ1	120	After	Interior Girder 1	40	0.95	1	1	2.280572
Type 3-3_str	BOBJ1	120	After	Interior Girder 2	40	0.95	1	1	2.32213
Type 3-3_str	BOBJ1	120	After	Interior Girder 3	40	0.95	1	1	2.326796
Type 3-3_str	BOBJ1	120	After	Interior Girder 4	40	0.95	1	1	2.332491
Type 3-3_str	BOBJ1	120	After	Interior Girder 5	40	0.95	1	1	2.319012
Type 3-3_str	BOBJ1	120	After	Interior Girder 6	40	0.95	1	1	2.282289
Type 3-3_str	BOBJ1	120	After	Right Exterior Girder	40	0.95	1	1	2.31915
Type 3-3_str	BOBJ1	128	Before	Left Exterior Girder	48	0.95	1	1	2.52785
Type 3-3_str	BOBJ1	128	Before	Interior Girder 1	48	0.95	1	1	2.538054
Type 3-3_str	BOBJ1	128	Before	Interior Girder 2	48	0.95	1	1	2.632041
Type 3-3_str	BOBJ1	128	Before	Interior Girder 3	48	0.95	1	1	2.591717
Type 3-3_str	BOBJ1	128	Before	Interior Girder 4	48	0.95	1	1	2.594021
Type 3-3_str	BOBJ1	128	Before	Interior Girder 5	48	0.95	1	1	2.635026
Type 3-3_str	BOBJ1	128	Before	Interior Girder 6	48	0.95	1	1	2.537424
Type 3-3_str	BOBJ1	128	Before	Right Exterior Girder	48	0.95	1	1	2.530085
Type 3-3_str	BOBJ1	128	After	Left Exterior Girder	48	0.95	1	1	2.486695
Type 3-3_str	BOBJ1	128	After	Interior Girder 1	48	0.95	1	1	2.564623
Type 3-3_str	BOBJ1	128	After	Interior Girder 2	48	0.95	1	1	2.640654
Type 3-3_str	BOBJ1	128	After	Interior Girder 3	48	0.95	1	1	2.586795
Type 3-3_str	BOBJ1	128	After	Interior Girder 4	48	0.95	1	1	2.589156
Type 3-3_str	BOBJ1	128	After	Interior Girder 5	48	0.95	1	1	2.642993
Type 3-3_str	BOBJ1	128	After	Interior Girder 6	48	0.95	1	1	2.563874
Type 3-3_str	BOBJ1	128	After	Right Exterior Girder	48	0.95	1	1	2.488977
Type 3-3_str	BOBJ1	136	Before	Left Exterior Girder	56	0.95	1	1	3.899339
Type 3-3_str	BOBJ1	136	Before	Interior Girder 1	56	0.95	1	1	3.374375
Type 3-3_str	BOBJ1	136	Before	Interior Girder 2	56	0.95	1	1	3.315678
Type 3-3_str	BOBJ1	136	Before	Interior Girder 3	56	0.95	1	1	3.339175
Type 3-3_str	BOBJ1	136	Before	Interior Girder 4	56	0.95	1	1	3.352794

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelINonCompStrgth-Flx - Approach, Span 4-E									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Type 3-3_str	BOBJ1	136	Before	Interior Girder 5	56	0.95	1	1	3.313676
Type 3-3_str	BOBJ1	136	Before	Interior Girder 6	56	0.95	1	1	3.380855
Type 3-3_str	BOBJ1	136	Before	Right Exterior Girder	56	0.95	1	1	3.902328
Type 3-3_str	BOBJ1	136	After	Left Exterior Girder	56	0.95	1	1	3.778432
Type 3-3_str	BOBJ1	136	After	Interior Girder 1	56	0.95	1	1	3.454884
Type 3-3_str	BOBJ1	136	After	Interior Girder 2	56	0.95	1	1	3.328616
Type 3-3_str	BOBJ1	136	After	Interior Girder 3	56	0.95	1	1	3.28627
Type 3-3_str	BOBJ1	136	After	Interior Girder 4	56	0.95	1	1	3.300138
Type 3-3_str	BOBJ1	136	After	Interior Girder 5	56	0.95	1	1	3.325347
Type 3-3_str	BOBJ1	136	After	Interior Girder 6	56	0.95	1	1	3.461558
Type 3-3_str	BOBJ1	136	After	Right Exterior Girder	56	0.95	1	1	3.781791
Type 3-3_str	BOBJ1	144	Before	Left Exterior Girder	64	0.95	1	1	3.290817
Type 3-3_str	BOBJ1	144	Before	Interior Girder 1	64	0.95	1	1	3.543067
Type 3-3_str	BOBJ1	144	Before	Interior Girder 2	64	0.95	1	1	3.705265
Type 3-3_str	BOBJ1	144	Before	Interior Girder 3	64	0.95	1	1	3.900333
Type 3-3_str	BOBJ1	144	Before	Interior Girder 4	64	0.95	1	1	3.898359
Type 3-3_str	BOBJ1	144	Before	Interior Girder 5	64	0.95	1	1	3.703331
Type 3-3_str	BOBJ1	144	Before	Interior Girder 6	64	0.95	1	1	3.543416
Type 3-3_str	BOBJ1	144	Before	Right Exterior Girder	64	0.95	1	1	3.29361
Type 3-3_str	BOBJ1	144	After	Left Exterior Girder	64	0.95	1	1	6.228709
Type 3-3_str	BOBJ1	144	After	Interior Girder 1	64	0.95	1	1	2.98772
Type 3-3_str	BOBJ1	144	After	Interior Girder 2	64	0.95	1	1	3.159696
Type 3-3_str	BOBJ1	144	After	Interior Girder 3	64	0.95	1	1	3.379329
Type 3-3_str	BOBJ1	144	After	Interior Girder 4	64	0.95	1	1	3.377511
Type 3-3_str	BOBJ1	144	After	Interior Girder 5	64	0.95	1	1	3.158136
Type 3-3_str	BOBJ1	144	After	Interior Girder 6	64	0.95	1	1	2.988028
Type 3-3_str	BOBJ1	144	After	Right Exterior Girder	64	0.95	1	1	6.233806
Type 3-3_str	BOBJ1	150	Before	Interior Girder 1	70	0.95	1	1	2.048728
Type 3-3_str	BOBJ1	150	Before	Interior Girder 2	70	0.95	1	1	2.170815
Type 3-3_str	BOBJ1	150	Before	Interior Girder 3	70	0.95	1	1	2.105801
Type 3-3_str	BOBJ1	150	Before	Interior Girder 4	70	0.95	1	1	2.10462
Type 3-3_str	BOBJ1	150	Before	Interior Girder 5	70	0.95	1	1	2.169242
Type 3-3_str	BOBJ1	150	Before	Interior Girder 6	70	0.95	1	1	2.049166
Type 3-3_str	BOBJ1	150	After	Interior Girder 1	70	0.95	1	1	4.824321
Type 3-3_str	BOBJ1	150	After	Interior Girder 2	70	0.95	1	1	4.961476
Type 3-3_str	BOBJ1	150	After	Interior Girder 3	70	0.95	1	1	4.887517
Type 3-3_str	BOBJ1	150	After	Interior Girder 4	70	0.95	1	1	4.884571
Type 3-3_str	BOBJ1	150	After	Interior Girder 5	70	0.95	1	1	4.957985
Type 3-3_str	BOBJ1	150	After	Interior Girder 6	70	0.95	1	1	4.825285
Type 3-3_str	BOBJ1	152	Before	Left Exterior Girder	72	0.95	1	1	4.153207
Type 3-3_str	BOBJ1	152	Before	Interior Girder 1	72	0.95	1	1	4.423589
Type 3-3_str	BOBJ1	152	Before	Interior Girder 2	72	0.95	1	1	4.541467
Type 3-3_str	BOBJ1	152	Before	Interior Girder 3	72	0.95	1	1	4.363385
Type 3-3_str	BOBJ1	152	Before	Interior Girder 4	72	0.95	1	1	4.360799
Type 3-3_str	BOBJ1	152	Before	Interior Girder 5	72	0.95	1	1	4.537958
Type 3-3_str	BOBJ1	152	Before	Interior Girder 6	72	0.95	1	1	4.424644
Type 3-3_str	BOBJ1	152	Before	Right Exterior Girder	72	0.95	1	1	4.157573
Type 3-3_str	BOBJ1	152	After	Left Exterior Girder	72	0.95	1	1	4.182605
Type 3-3_str	BOBJ1	152	After	Interior Girder 1	72	0.95	1	1	4.379878
Type 3-3_str	BOBJ1	152	After	Interior Girder 2	72	0.95	1	1	4.492158
Type 3-3_str	BOBJ1	152	After	Interior Girder 3	72	0.95	1	1	4.342218
Type 3-3_str	BOBJ1	152	After	Interior Girder 4	72	0.95	1	1	4.340103
Type 3-3_str	BOBJ1	152	After	Interior Girder 5	72	0.95	1	1	4.488387
Type 3-3_str	BOBJ1	152	After	Interior Girder 6	72	0.95	1	1	4.381263
Type 3-3_str	BOBJ1	152	After	Right Exterior Girder	72	0.95	1	1	4.187247
Type 3-3_str	BOBJ1	154	Before	Left Exterior Girder	74	0.95	1	1	3.658555
Type 3-3_str	BOBJ1	154	Before	Right Exterior Girder	74	0.95	1	1	3.662896
Type 3-3_str	BOBJ1	154	After	Left Exterior Girder	74	0.95	1	1	5.748991
Type 3-3_str	BOBJ1	154	After	Right Exterior Girder	74	0.95	1	1	5.756046
Type 3-3_str	BOBJ1	160	Before	Left Exterior Girder	80	0.95	1	1	4.127416
Type 3-3_str	BOBJ1	160	Before	Interior Girder 1	80	0.95	1	1	2.795161
Type 3-3_str	BOBJ1	160	Before	Interior Girder 2	80	0.95	1	1	2.776254
Type 3-3_str	BOBJ1	160	Before	Interior Girder 3	80	0.95	1	1	2.226457
Type 3-3_str	BOBJ1	160	Before	Interior Girder 4	80	0.95	1	1	2.232995
Type 3-3_str	BOBJ1	160	Before	Interior Girder 5	80	0.95	1	1	2.771824

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelINonCompStrgth-Flx - Approach, Span 4-E									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Type 3-3_str	BOBJ1	160	Before	Interior Girder 6	80	0.95	1	1	2.796113
Type 3-3_str	BOBJ1	160	Before	Right Exterior Girder	80	0.95	1	1	4.13198
Type 3-3_str	BOBJ1	160	After	Left Exterior Girder	0	0.95	1	1	3.976814
Type 3-3_str	BOBJ1	160	After	Interior Girder 1	0	0.95	1	1	2.732834
Type 3-3_str	BOBJ1	160	After	Interior Girder 2	0	0.95	1	1	2.766145
Type 3-3_str	BOBJ1	160	After	Interior Girder 3	0	0.95	1	1	2.218148
Type 3-3_str	BOBJ1	160	After	Interior Girder 4	0	0.95	1	1	2.224284
Type 3-3_str	BOBJ1	160	After	Interior Girder 5	0	0.95	1	1	2.761976
Type 3-3_str	BOBJ1	160	After	Interior Girder 6	0	0.95	1	1	2.735282
Type 3-3_str	BOBJ1	160	After	Right Exterior Girder	0	0.95	1	1	3.9814
Type 3-3_str	BOBJ1	166	Before	Left Exterior Girder	6	0.95	1	1	6.124622
Type 3-3_str	BOBJ1	166	Before	Right Exterior Girder	6	0.95	1	1	6.132145
Type 3-3_str	BOBJ1	166	After	Left Exterior Girder	6	0.95	1	1	3.9481
Type 3-3_str	BOBJ1	166	After	Right Exterior Girder	6	0.95	1	1	3.952814
Type 3-3_str	BOBJ1	168	Before	Left Exterior Girder	8	0.95	1	1	4.54079
Type 3-3_str	BOBJ1	168	Before	Interior Girder 1	8	0.95	1	1	4.963245
Type 3-3_str	BOBJ1	168	Before	Interior Girder 2	8	0.95	1	1	5.070934
Type 3-3_str	BOBJ1	168	Before	Interior Girder 3	8	0.95	1	1	4.906777
Type 3-3_str	BOBJ1	168	Before	Interior Girder 4	8	0.95	1	1	4.904034
Type 3-3_str	BOBJ1	168	Before	Interior Girder 5	8	0.95	1	1	5.065379
Type 3-3_str	BOBJ1	168	Before	Interior Girder 6	8	0.95	1	1	4.964971
Type 3-3_str	BOBJ1	168	Before	Right Exterior Girder	8	0.95	1	1	4.545906
Type 3-3_str	BOBJ1	168	After	Left Exterior Girder	8	0.95	1	1	4.47025
Type 3-3_str	BOBJ1	168	After	Interior Girder 1	8	0.95	1	1	5.059507
Type 3-3_str	BOBJ1	168	After	Interior Girder 2	8	0.95	1	1	5.12723
Type 3-3_str	BOBJ1	168	After	Interior Girder 3	8	0.95	1	1	4.932313
Type 3-3_str	BOBJ1	168	After	Interior Girder 4	8	0.95	1	1	4.929082
Type 3-3_str	BOBJ1	168	After	Interior Girder 5	8	0.95	1	1	5.123041
Type 3-3_str	BOBJ1	168	After	Interior Girder 6	8	0.95	1	1	5.060786
Type 3-3_str	BOBJ1	168	After	Right Exterior Girder	8	0.95	1	1	4.47496
Type 3-3_str	BOBJ1	170	Before	Interior Girder 1	10	0.95	1	1	5.560405
Type 3-3_str	BOBJ1	170	Before	Interior Girder 2	10	0.95	1	1	5.630178
Type 3-3_str	BOBJ1	170	Before	Interior Girder 3	10	0.95	1	1	5.550939
Type 3-3_str	BOBJ1	170	Before	Interior Girder 4	10	0.95	1	1	5.547276
Type 3-3_str	BOBJ1	170	Before	Interior Girder 5	10	0.95	1	1	5.625997
Type 3-3_str	BOBJ1	170	Before	Interior Girder 6	10	0.95	1	1	5.561585
Type 3-3_str	BOBJ1	170	After	Interior Girder 1	10	0.95	1	1	2.611009
Type 3-3_str	BOBJ1	170	After	Interior Girder 2	10	0.95	1	1	2.714964
Type 3-3_str	BOBJ1	170	After	Interior Girder 3	10	0.95	1	1	2.630652
Type 3-3_str	BOBJ1	170	After	Interior Girder 4	10	0.95	1	1	2.629023
Type 3-3_str	BOBJ1	170	After	Interior Girder 5	10	0.95	1	1	2.712871
Type 3-3_str	BOBJ1	170	After	Interior Girder 6	10	0.95	1	1	2.611593
Type 3-3_str	BOBJ1	176	Before	Left Exterior Girder	16	0.95	1	1	6.624969
Type 3-3_str	BOBJ1	176	Before	Interior Girder 1	16	0.95	1	1	3.877335
Type 3-3_str	BOBJ1	176	Before	Interior Girder 2	16	0.95	1	1	4.010875
Type 3-3_str	BOBJ1	176	Before	Interior Girder 3	16	0.95	1	1	4.240877
Type 3-3_str	BOBJ1	176	Before	Interior Girder 4	16	0.95	1	1	4.238392
Type 3-3_str	BOBJ1	176	Before	Interior Girder 5	16	0.95	1	1	4.008746
Type 3-3_str	BOBJ1	176	Before	Interior Girder 6	16	0.95	1	1	3.87773
Type 3-3_str	BOBJ1	176	Before	Right Exterior Girder	16	0.95	1	1	6.630504
Type 3-3_str	BOBJ1	176	After	Left Exterior Girder	16	0.95	1	1	6.874437
Type 3-3_str	BOBJ1	176	After	Interior Girder 1	16	0.95	1	1	3.93084
Type 3-3_str	BOBJ1	176	After	Interior Girder 2	16	0.95	1	1	4.049954
Type 3-3_str	BOBJ1	176	After	Interior Girder 3	16	0.95	1	1	4.242356
Type 3-3_str	BOBJ1	176	After	Interior Girder 4	16	0.95	1	1	4.240058
Type 3-3_str	BOBJ1	176	After	Interior Girder 5	16	0.95	1	1	4.047752
Type 3-3_str	BOBJ1	176	After	Interior Girder 6	16	0.95	1	1	3.931215
Type 3-3_str	BOBJ1	176	After	Right Exterior Girder	16	0.95	1	1	6.880242
Type 3-3_str	BOBJ1	181	Before	Interior Girder 1	21	0.95	1	1	2.775148
Type 3-3_str	BOBJ1	181	Before	Interior Girder 2	21	0.95	1	1	2.661957
Type 3-3_str	BOBJ1	181	Before	Interior Girder 3	21	0.95	1	1	2.655881
Type 3-3_str	BOBJ1	181	Before	Interior Girder 4	21	0.95	1	1	2.666302
Type 3-3_str	BOBJ1	181	Before	Interior Girder 5	21	0.95	1	1	2.660676
Type 3-3_str	BOBJ1	181	Before	Interior Girder 6	21	0.95	1	1	2.7786
Type 3-3_str	BOBJ1	181	After	Interior Girder 1	21	0.95	1	1	4.915793

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelINonCompStrgth-Flx - Approach, Span 4-E									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Type 3-3_str	BOBJ1	181	After	Interior Girder 2	21	0.95	1	1	4.683968
Type 3-3_str	BOBJ1	181	After	Interior Girder 3	21	0.95	1	1	4.787327
Type 3-3_str	BOBJ1	181	After	Interior Girder 4	21	0.95	1	1	4.807341
Type 3-3_str	BOBJ1	181	After	Interior Girder 5	21	0.95	1	1	4.680481
Type 3-3_str	BOBJ1	181	After	Interior Girder 6	21	0.95	1	1	4.922417
Type 3-3_str	BOBJ1	184	Before	Left Exterior Girder	24	0.95	1	1	4.343849
Type 3-3_str	BOBJ1	184	Before	Interior Girder 1	24	0.95	1	1	3.923351
Type 3-3_str	BOBJ1	184	Before	Interior Girder 2	24	0.95	1	1	3.837793
Type 3-3_str	BOBJ1	184	Before	Interior Girder 3	24	0.95	1	1	3.875303
Type 3-3_str	BOBJ1	184	Before	Interior Girder 4	24	0.95	1	1	3.883871
Type 3-3_str	BOBJ1	184	Before	Interior Girder 5	24	0.95	1	1	3.833005
Type 3-3_str	BOBJ1	184	Before	Interior Girder 6	24	0.95	1	1	3.929445
Type 3-3_str	BOBJ1	184	Before	Right Exterior Girder	24	0.95	1	1	4.347479
Type 3-3_str	BOBJ1	184	After	Left Exterior Girder	24	0.95	1	1	4.477186
Type 3-3_str	BOBJ1	184	After	Interior Girder 1	24	0.95	1	1	3.846106
Type 3-3_str	BOBJ1	184	After	Interior Girder 2	24	0.95	1	1	3.833738
Type 3-3_str	BOBJ1	184	After	Interior Girder 3	24	0.95	1	1	3.885315
Type 3-3_str	BOBJ1	184	After	Interior Girder 4	24	0.95	1	1	3.8965
Type 3-3_str	BOBJ1	184	After	Interior Girder 5	24	0.95	1	1	3.831919
Type 3-3_str	BOBJ1	184	After	Interior Girder 6	24	0.95	1	1	3.851808
Type 3-3_str	BOBJ1	184	After	Right Exterior Girder	24	0.95	1	1	4.480607
Type 3-3_str	BOBJ1	192	Before	Left Exterior Girder	32	0.95	1	1	2.771373
Type 3-3_str	BOBJ1	192	Before	Interior Girder 1	32	0.95	1	1	2.639588
Type 3-3_str	BOBJ1	192	Before	Interior Girder 2	32	0.95	1	1	2.78222
Type 3-3_str	BOBJ1	192	Before	Interior Girder 3	32	0.95	1	1	2.74892
Type 3-3_str	BOBJ1	192	Before	Interior Girder 4	32	0.95	1	1	2.751312
Type 3-3_str	BOBJ1	192	Before	Interior Girder 5	32	0.95	1	1	2.781497
Type 3-3_str	BOBJ1	192	Before	Interior Girder 6	32	0.95	1	1	2.639099
Type 3-3_str	BOBJ1	192	Before	Right Exterior Girder	32	0.95	1	1	2.774027
Type 3-3_str	BOBJ1	192	After	Left Exterior Girder	32	0.95	1	1	2.840418
Type 3-3_str	BOBJ1	192	After	Interior Girder 1	32	0.95	1	1	2.598881
Type 3-3_str	BOBJ1	192	After	Interior Girder 2	32	0.95	1	1	2.771515
Type 3-3_str	BOBJ1	192	After	Interior Girder 3	32	0.95	1	1	2.752962
Type 3-3_str	BOBJ1	192	After	Interior Girder 4	32	0.95	1	1	2.755725
Type 3-3_str	BOBJ1	192	After	Interior Girder 5	32	0.95	1	1	2.771878
Type 3-3_str	BOBJ1	192	After	Interior Girder 6	32	0.95	1	1	2.598525
Type 3-3_str	BOBJ1	192	After	Right Exterior Girder	32	0.95	1	1	2.843019
Type 3-3_str	BOBJ1	200	Before	Left Exterior Girder	40	0.95	1	1	2.290823
Type 3-3_str	BOBJ1	200	Before	Interior Girder 1	40	0.95	1	1	2.090042
Type 3-3_str	BOBJ1	200	Before	Interior Girder 2	40	0.95	1	1	2.222221
Type 3-3_str	BOBJ1	200	Before	Interior Girder 3	40	0.95	1	1	2.246164
Type 3-3_str	BOBJ1	200	Before	Interior Girder 4	40	0.95	1	1	2.248226
Type 3-3_str	BOBJ1	200	Before	Interior Girder 5	40	0.95	1	1	2.222109
Type 3-3_str	BOBJ1	200	Before	Interior Girder 6	40	0.95	1	1	2.091595
Type 3-3_str	BOBJ1	200	Before	Right Exterior Girder	40	0.95	1	1	2.292623
Type 3-3_str	BOBJ1	200	After	Left Exterior Girder	40	0.95	1	1	2.313395
Type 3-3_str	BOBJ1	200	After	Interior Girder 1	40	0.95	1	1	2.074053
Type 3-3_str	BOBJ1	200	After	Interior Girder 2	40	0.95	1	1	2.224172
Type 3-3_str	BOBJ1	200	After	Interior Girder 3	40	0.95	1	1	2.247821
Type 3-3_str	BOBJ1	200	After	Interior Girder 4	40	0.95	1	1	2.250815
Type 3-3_str	BOBJ1	200	After	Interior Girder 5	40	0.95	1	1	2.222813
Type 3-3_str	BOBJ1	200	After	Interior Girder 6	40	0.95	1	1	2.075636
Type 3-3_str	BOBJ1	200	After	Right Exterior Girder	40	0.95	1	1	2.315163
Type 3-3_str	BOBJ1	208	Before	Left Exterior Girder	48	0.95	1	1	2.144676
Type 3-3_str	BOBJ1	208	Before	Interior Girder 1	48	0.95	1	1	1.972726
Type 3-3_str	BOBJ1	208	Before	Interior Girder 2	48	0.95	1	1	2.152332
Type 3-3_str	BOBJ1	208	Before	Interior Girder 3	48	0.95	1	1	2.163846
Type 3-3_str	BOBJ1	208	Before	Interior Girder 4	48	0.95	1	1	2.165403
Type 3-3_str	BOBJ1	208	Before	Interior Girder 5	48	0.95	1	1	2.152341
Type 3-3_str	BOBJ1	208	Before	Interior Girder 6	48	0.95	1	1	1.972496
Type 3-3_str	BOBJ1	208	Before	Right Exterior Girder	48	0.95	1	1	2.146436
Type 3-3_str	BOBJ1	208	After	Left Exterior Girder	48	0.95	1	1	2.131578
Type 3-3_str	BOBJ1	208	After	Interior Girder 1	48	0.95	1	1	1.977331
Type 3-3_str	BOBJ1	208	After	Interior Girder 2	48	0.95	1	1	2.153985
Type 3-3_str	BOBJ1	208	After	Interior Girder 3	48	0.95	1	1	2.159998

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelINonCompStrgth-Flx - Approach, Span 4-6									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Type 3-3_str	BOBJ1	208	After	Interior Girder 4	48	0.95	1	1	2.161099
Type 3-3_str	BOBJ1	208	After	Interior Girder 5	48	0.95	1	1	2.155044
Type 3-3_str	BOBJ1	208	After	Interior Girder 6	48	0.95	1	1	1.977119
Type 3-3_str	BOBJ1	208	After	Right Exterior Girder	48	0.95	1	1	2.133369
Type 3-3_str	BOBJ1	216	Before	Left Exterior Girder	56	0.95	1	1	2.522812
Type 3-3_str	BOBJ1	216	Before	Interior Girder 1	56	0.95	1	1	2.15554
Type 3-3_str	BOBJ1	216	Before	Interior Girder 2	56	0.95	1	1	2.273732
Type 3-3_str	BOBJ1	216	Before	Interior Girder 3	56	0.95	1	1	2.314627
Type 3-3_str	BOBJ1	216	Before	Interior Girder 4	56	0.95	1	1	2.319898
Type 3-3_str	BOBJ1	216	Before	Interior Girder 5	56	0.95	1	1	2.270472
Type 3-3_str	BOBJ1	216	Before	Interior Girder 6	56	0.95	1	1	2.157943
Type 3-3_str	BOBJ1	216	Before	Right Exterior Girder	56	0.95	1	1	2.524814
Type 3-3_str	BOBJ1	216	After	Left Exterior Girder	56	0.95	1	1	2.466052
Type 3-3_str	BOBJ1	216	After	Interior Girder 1	56	0.95	1	1	2.179338
Type 3-3_str	BOBJ1	216	After	Interior Girder 2	56	0.95	1	1	2.279062
Type 3-3_str	BOBJ1	216	After	Interior Girder 3	56	0.95	1	1	2.303439
Type 3-3_str	BOBJ1	216	After	Interior Girder 4	56	0.95	1	1	2.30653
Type 3-3_str	BOBJ1	216	After	Interior Girder 5	56	0.95	1	1	2.275738
Type 3-3_str	BOBJ1	216	After	Interior Girder 6	56	0.95	1	1	2.181866
Type 3-3_str	BOBJ1	216	After	Right Exterior Girder	56	0.95	1	1	2.468204
Type 3-3_str	BOBJ1	224	Before	Left Exterior Girder	64	0.95	1	1	3.383142
Type 3-3_str	BOBJ1	224	Before	Interior Girder 1	64	0.95	1	1	2.953473
Type 3-3_str	BOBJ1	224	Before	Interior Girder 2	64	0.95	1	1	3.065227
Type 3-3_str	BOBJ1	224	Before	Interior Girder 3	64	0.95	1	1	3.123269
Type 3-3_str	BOBJ1	224	Before	Interior Girder 4	64	0.95	1	1	3.126011
Type 3-3_str	BOBJ1	224	Before	Interior Girder 5	64	0.95	1	1	3.067373
Type 3-3_str	BOBJ1	224	Before	Interior Girder 6	64	0.95	1	1	2.953417
Type 3-3_str	BOBJ1	224	Before	Right Exterior Girder	64	0.95	1	1	3.386442
Type 3-3_str	BOBJ1	224	After	Left Exterior Girder	64	0.95	1	1	3.266464
Type 3-3_str	BOBJ1	224	After	Interior Girder 1	64	0.95	1	1	3.026148
Type 3-3_str	BOBJ1	224	After	Interior Girder 2	64	0.95	1	1	3.074256
Type 3-3_str	BOBJ1	224	After	Interior Girder 3	64	0.95	1	1	3.093281
Type 3-3_str	BOBJ1	224	After	Interior Girder 4	64	0.95	1	1	3.093458
Type 3-3_str	BOBJ1	224	After	Interior Girder 5	64	0.95	1	1	3.073725
Type 3-3_str	BOBJ1	224	After	Interior Girder 6	64	0.95	1	1	3.025996
Type 3-3_str	BOBJ1	224	After	Right Exterior Girder	64	0.95	1	1	3.270028
Type 3-3_str	BOBJ1	232	Before	Left Exterior Girder	72	0.95	1	1	7.049024
Type 3-3_str	BOBJ1	232	Before	Interior Girder 1	72	0.95	1	1	5.477977
Type 3-3_str	BOBJ1	232	Before	Interior Girder 2	72	0.95	1	1	5.350029
Type 3-3_str	BOBJ1	232	Before	Interior Girder 3	72	0.95	1	1	5.634187
Type 3-3_str	BOBJ1	232	Before	Interior Girder 4	72	0.95	1	1	5.662835
Type 3-3_str	BOBJ1	232	Before	Interior Girder 5	72	0.95	1	1	5.348642
Type 3-3_str	BOBJ1	232	Before	Interior Girder 6	72	0.95	1	1	5.489367
Type 3-3_str	BOBJ1	232	Before	Right Exterior Girder	72	0.95	1	1	7.052678
Type 3-3_str	BOBJ1	232	After	Left Exterior Girder	72	0.95	1	1	6.850678
Type 3-3_str	BOBJ1	232	After	Interior Girder 1	72	0.95	1	1	5.550122
Type 3-3_str	BOBJ1	232	After	Interior Girder 2	72	0.95	1	1	5.313036
Type 3-3_str	BOBJ1	232	After	Interior Girder 3	72	0.95	1	1	5.354668
Type 3-3_str	BOBJ1	232	After	Interior Girder 4	72	0.95	1	1	5.385756
Type 3-3_str	BOBJ1	232	After	Interior Girder 5	72	0.95	1	1	5.308044
Type 3-3_str	BOBJ1	232	After	Interior Girder 6	72	0.95	1	1	5.5643
Type 3-3_str	BOBJ1	232	After	Right Exterior Girder	72	0.95	1	1	6.855358
Type 3-3_str	BOBJ1	240	Before	Left Exterior Girder	80	0.95	1	1	63.548246
Type 3-3_str	BOBJ1	240	Before	Interior Girder 1	80	0.95	1	1	45.256472
Type 3-3_str	BOBJ1	240	Before	Interior Girder 2	80	0.95	1	1	36.426768
Type 3-3_str	BOBJ1	240	Before	Interior Girder 3	80	0.95	1	1	23.887089
Type 3-3_str	BOBJ1	240	Before	Interior Girder 4	80	0.95	1	1	24.079153
Type 3-3_str	BOBJ1	240	Before	Interior Girder 5	80	0.95	1	1	35.976211
Type 3-3_str	BOBJ1	240	Before	Interior Girder 6	80	0.95	1	1	45.254405
Type 3-3_str	BOBJ1	240	Before	Right Exterior Girder	80	0.95	1	1	63.548246
EV2_str	BOBJ1	0	After	Left Exterior Girder	0	0.95	1	1	459.162695
EV2_str	BOBJ1	0	After	Interior Girder 1	0	0.95	1	1	372.381776
EV2_str	BOBJ1	0	After	Interior Girder 2	0	0.95	1	1	367.617352
EV2_str	BOBJ1	0	After	Interior Girder 3	0	0.95	1	1	239.625482
EV2_str	BOBJ1	0	After	Interior Girder 4	0	0.95	1	1	241.409826

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelINonCompStrgth-Flx - Approach, Span 4-E									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
EV2_str	BOBJ1	0	After	Interior Girder 5	0	0.95	1	1	362.024629
EV2_str	BOBJ1	0	After	Interior Girder 6	0	0.95	1	1	354.168694
EV2_str	BOBJ1	0	After	Right Exterior Girder	0	0.95	1	1	459.728833
EV2_str	BOBJ1	8	Before	Left Exterior Girder	8	0.95	1	1	6.78499
EV2_str	BOBJ1	8	Before	Interior Girder 1	8	0.95	1	1	4.966086
EV2_str	BOBJ1	8	Before	Interior Girder 2	8	0.95	1	1	4.677386
EV2_str	BOBJ1	8	Before	Interior Girder 3	8	0.95	1	1	4.28332
EV2_str	BOBJ1	8	Before	Interior Girder 4	8	0.95	1	1	4.322077
EV2_str	BOBJ1	8	Before	Interior Girder 5	8	0.95	1	1	4.659234
EV2_str	BOBJ1	8	Before	Interior Girder 6	8	0.95	1	1	4.988351
EV2_str	BOBJ1	8	Before	Right Exterior Girder	8	0.95	1	1	6.794488
EV2_str	BOBJ1	8	After	Left Exterior Girder	8	0.95	1	1	6.852758
EV2_str	BOBJ1	8	After	Interior Girder 1	8	0.95	1	1	4.957067
EV2_str	BOBJ1	8	After	Interior Girder 2	8	0.95	1	1	4.776921
EV2_str	BOBJ1	8	After	Interior Girder 3	8	0.95	1	1	4.467507
EV2_str	BOBJ1	8	After	Interior Girder 4	8	0.95	1	1	4.493942
EV2_str	BOBJ1	8	After	Interior Girder 5	8	0.95	1	1	4.759677
EV2_str	BOBJ1	8	After	Interior Girder 6	8	0.95	1	1	4.977281
EV2_str	BOBJ1	8	After	Right Exterior Girder	8	0.95	1	1	6.861506
EV2_str	BOBJ1	16	Before	Left Exterior Girder	16	0.95	1	1	3.104471
EV2_str	BOBJ1	16	Before	Interior Girder 1	16	0.95	1	1	2.979469
EV2_str	BOBJ1	16	Before	Interior Girder 2	16	0.95	1	1	2.862071
EV2_str	BOBJ1	16	Before	Interior Girder 3	16	0.95	1	1	2.832235
EV2_str	BOBJ1	16	Before	Interior Girder 4	16	0.95	1	1	2.830092
EV2_str	BOBJ1	16	Before	Interior Girder 5	16	0.95	1	1	2.861255
EV2_str	BOBJ1	16	Before	Interior Girder 6	16	0.95	1	1	2.979165
EV2_str	BOBJ1	16	Before	Right Exterior Girder	16	0.95	1	1	3.108657
EV2_str	BOBJ1	16	After	Left Exterior Girder	16	0.95	1	1	3.177292
EV2_str	BOBJ1	16	After	Interior Girder 1	16	0.95	1	1	2.939541
EV2_str	BOBJ1	16	After	Interior Girder 2	16	0.95	1	1	2.86803
EV2_str	BOBJ1	16	After	Interior Girder 3	16	0.95	1	1	2.868043
EV2_str	BOBJ1	16	After	Interior Girder 4	16	0.95	1	1	2.869584
EV2_str	BOBJ1	16	After	Interior Girder 5	16	0.95	1	1	2.869235
EV2_str	BOBJ1	16	After	Interior Girder 6	16	0.95	1	1	2.939382
EV2_str	BOBJ1	16	After	Right Exterior Girder	16	0.95	1	1	3.181605
EV2_str	BOBJ1	20.5	Before	Left Exterior Girder	20.5	0.95	1	1	2.598046
EV2_str	BOBJ1	20.5	Before	Right Exterior Girder	20.5	0.95	1	1	2.600863
EV2_str	BOBJ1	20.5	After	Left Exterior Girder	20.5	0.95	1	1	3.850365
EV2_str	BOBJ1	20.5	After	Right Exterior Girder	20.5	0.95	1	1	3.854437
EV2_str	BOBJ1	24	Before	Left Exterior Girder	24	0.95	1	1	3.423409
EV2_str	BOBJ1	24	Before	Interior Girder 1	24	0.95	1	1	2.145302
EV2_str	BOBJ1	24	Before	Interior Girder 2	24	0.95	1	1	2.150929
EV2_str	BOBJ1	24	Before	Interior Girder 3	24	0.95	1	1	2.16945
EV2_str	BOBJ1	24	Before	Interior Girder 4	24	0.95	1	1	2.17501
EV2_str	BOBJ1	24	Before	Interior Girder 5	24	0.95	1	1	2.145973
EV2_str	BOBJ1	24	Before	Interior Girder 6	24	0.95	1	1	2.14973
EV2_str	BOBJ1	24	Before	Right Exterior Girder	24	0.95	1	1	3.427089
EV2_str	BOBJ1	24	After	Left Exterior Girder	24	0.95	1	1	3.414682
EV2_str	BOBJ1	24	After	Interior Girder 1	24	0.95	1	1	2.164625
EV2_str	BOBJ1	24	After	Interior Girder 2	24	0.95	1	1	2.151396
EV2_str	BOBJ1	24	After	Interior Girder 3	24	0.95	1	1	2.187156
EV2_str	BOBJ1	24	After	Interior Girder 4	24	0.95	1	1	2.194993
EV2_str	BOBJ1	24	After	Interior Girder 5	24	0.95	1	1	2.146617
EV2_str	BOBJ1	24	After	Interior Girder 6	24	0.95	1	1	2.168927
EV2_str	BOBJ1	24	After	Right Exterior Girder	24	0.95	1	1	3.417229
EV2_str	BOBJ1	32	Before	Left Exterior Girder	32	0.95	1	1	2.95547
EV2_str	BOBJ1	32	Before	Interior Girder 1	32	0.95	1	1	2.073111
EV2_str	BOBJ1	32	Before	Interior Girder 2	32	0.95	1	1	2.068266
EV2_str	BOBJ1	32	Before	Interior Girder 3	32	0.95	1	1	2.117517
EV2_str	BOBJ1	32	Before	Interior Girder 4	32	0.95	1	1	2.118973
EV2_str	BOBJ1	32	Before	Interior Girder 5	32	0.95	1	1	2.067015
EV2_str	BOBJ1	32	Before	Interior Girder 6	32	0.95	1	1	2.072859
EV2_str	BOBJ1	32	Before	Right Exterior Girder	32	0.95	1	1	2.958802
EV2_str	BOBJ1	32	After	Left Exterior Girder	32	0.95	1	1	2.963675
EV2_str	BOBJ1	32	After	Interior Girder 1	32	0.95	1	1	2.075221

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelINonCompStrgth-Flx - Approach, Span 4-E									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
EV2_str	BOBJ1	32	After	Interior Girder 2	32	0.95	1	1	2.064988
EV2_str	BOBJ1	32	After	Interior Girder 3	32	0.95	1	1	2.115766
EV2_str	BOBJ1	32	After	Interior Girder 4	32	0.95	1	1	2.118033
EV2_str	BOBJ1	32	After	Interior Girder 5	32	0.95	1	1	2.064866
EV2_str	BOBJ1	32	After	Interior Girder 6	32	0.95	1	1	2.075024
EV2_str	BOBJ1	32	After	Right Exterior Girder	32	0.95	1	1	2.966907
EV2_str	BOBJ1	40	Before	Left Exterior Girder	40	0.95	1	1	3.216282
EV2_str	BOBJ1	40	Before	Interior Girder 1	40	0.95	1	1	2.109744
EV2_str	BOBJ1	40	Before	Interior Girder 2	40	0.95	1	1	2.108671
EV2_str	BOBJ1	40	Before	Interior Girder 3	40	0.95	1	1	2.150272
EV2_str	BOBJ1	40	Before	Interior Girder 4	40	0.95	1	1	2.159222
EV2_str	BOBJ1	40	Before	Interior Girder 5	40	0.95	1	1	2.105033
EV2_str	BOBJ1	40	Before	Interior Girder 6	40	0.95	1	1	2.113143
EV2_str	BOBJ1	40	Before	Right Exterior Girder	40	0.95	1	1	3.219066
EV2_str	BOBJ1	40	After	Left Exterior Girder	40	0.95	1	1	3.211763
EV2_str	BOBJ1	40	After	Interior Girder 1	40	0.95	1	1	2.11408
EV2_str	BOBJ1	40	After	Interior Girder 2	40	0.95	1	1	2.099145
EV2_str	BOBJ1	40	After	Interior Girder 3	40	0.95	1	1	2.138857
EV2_str	BOBJ1	40	After	Interior Girder 4	40	0.95	1	1	2.144453
EV2_str	BOBJ1	40	After	Interior Girder 5	40	0.95	1	1	2.094606
EV2_str	BOBJ1	40	After	Interior Girder 6	40	0.95	1	1	2.117661
EV2_str	BOBJ1	40	After	Right Exterior Girder	40	0.95	1	1	3.214587
EV2_str	BOBJ1	46.5	Before	Left Exterior Girder	46.5	0.95	1	1	3.664144
EV2_str	BOBJ1	46.5	Before	Right Exterior Girder	46.5	0.95	1	1	3.667947
EV2_str	BOBJ1	46.5	After	Left Exterior Girder	46.5	0.95	1	1	2.519746
EV2_str	BOBJ1	46.5	After	Right Exterior Girder	46.5	0.95	1	1	2.52248
EV2_str	BOBJ1	48	Before	Left Exterior Girder	48	0.95	1	1	2.660829
EV2_str	BOBJ1	48	Before	Interior Girder 1	48	0.95	1	1	2.576895
EV2_str	BOBJ1	48	Before	Interior Girder 2	48	0.95	1	1	2.586986
EV2_str	BOBJ1	48	Before	Interior Girder 3	48	0.95	1	1	2.640707
EV2_str	BOBJ1	48	Before	Interior Girder 4	48	0.95	1	1	2.644007
EV2_str	BOBJ1	48	Before	Interior Girder 5	48	0.95	1	1	2.58816
EV2_str	BOBJ1	48	Before	Interior Girder 6	48	0.95	1	1	2.576693
EV2_str	BOBJ1	48	Before	Right Exterior Girder	48	0.95	1	1	2.663823
EV2_str	BOBJ1	48	After	Left Exterior Girder	48	0.95	1	1	2.613399
EV2_str	BOBJ1	48	After	Interior Girder 1	48	0.95	1	1	2.610458
EV2_str	BOBJ1	48	After	Interior Girder 2	48	0.95	1	1	2.590814
EV2_str	BOBJ1	48	After	Interior Girder 3	48	0.95	1	1	2.637774
EV2_str	BOBJ1	48	After	Interior Girder 4	48	0.95	1	1	2.640282
EV2_str	BOBJ1	48	After	Interior Girder 5	48	0.95	1	1	2.589116
EV2_str	BOBJ1	48	After	Interior Girder 6	48	0.95	1	1	2.610207
EV2_str	BOBJ1	48	After	Right Exterior Girder	48	0.95	1	1	2.616451
EV2_str	BOBJ1	56	Before	Left Exterior Girder	56	0.95	1	1	4.124952
EV2_str	BOBJ1	56	Before	Interior Girder 1	56	0.95	1	1	3.514463
EV2_str	BOBJ1	56	Before	Interior Girder 2	56	0.95	1	1	3.421909
EV2_str	BOBJ1	56	Before	Interior Girder 3	56	0.95	1	1	3.441222
EV2_str	BOBJ1	56	Before	Interior Girder 4	56	0.95	1	1	3.461305
EV2_str	BOBJ1	56	Before	Interior Girder 5	56	0.95	1	1	3.416813
EV2_str	BOBJ1	56	Before	Interior Girder 6	56	0.95	1	1	3.522437
EV2_str	BOBJ1	56	Before	Right Exterior Girder	56	0.95	1	1	4.127676
EV2_str	BOBJ1	56	After	Left Exterior Girder	56	0.95	1	1	4.03818
EV2_str	BOBJ1	56	After	Interior Girder 1	56	0.95	1	1	3.565978
EV2_str	BOBJ1	56	After	Interior Girder 2	56	0.95	1	1	3.41627
EV2_str	BOBJ1	56	After	Interior Girder 3	56	0.95	1	1	3.406384
EV2_str	BOBJ1	56	After	Interior Girder 4	56	0.95	1	1	3.419277
EV2_str	BOBJ1	56	After	Interior Girder 5	56	0.95	1	1	3.40779
EV2_str	BOBJ1	56	After	Interior Girder 6	56	0.95	1	1	3.574396
EV2_str	BOBJ1	56	After	Right Exterior Girder	56	0.95	1	1	4.041067
EV2_str	BOBJ1	59	Before	Interior Girder 1	59	0.95	1	1	4.296694
EV2_str	BOBJ1	59	Before	Interior Girder 2	59	0.95	1	1	4.047026
EV2_str	BOBJ1	59	Before	Interior Girder 3	59	0.95	1	1	4.036988
EV2_str	BOBJ1	59	Before	Interior Girder 4	59	0.95	1	1	4.063329
EV2_str	BOBJ1	59	Before	Interior Girder 5	59	0.95	1	1	4.039417
EV2_str	BOBJ1	59	Before	Interior Girder 6	59	0.95	1	1	4.306154
EV2_str	BOBJ1	59	After	Interior Girder 1	59	0.95	1	1	2.186224

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelINonCompStrgth-Flx - Approach, Span 4-E									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
EV2_str	BOBJ1	59	After	Interior Girder 2	59	0.95	1	1	2.08288
EV2_str	BOBJ1	59	After	Interior Girder 3	59	0.95	1	1	2.020811
EV2_str	BOBJ1	59	After	Interior Girder 4	59	0.95	1	1	2.033505
EV2_str	BOBJ1	59	After	Interior Girder 5	59	0.95	1	1	2.078982
EV2_str	BOBJ1	59	After	Interior Girder 6	59	0.95	1	1	2.191131
EV2_str	BOBJ1	64	Before	Left Exterior Girder	64	0.95	1	1	7.260191
EV2_str	BOBJ1	64	Before	Interior Girder 1	64	0.95	1	1	3.740244
EV2_str	BOBJ1	64	Before	Interior Girder 2	64	0.95	1	1	3.355063
EV2_str	BOBJ1	64	Before	Interior Girder 3	64	0.95	1	1	3.334654
EV2_str	BOBJ1	64	Before	Interior Girder 4	64	0.95	1	1	3.343118
EV2_str	BOBJ1	64	Before	Interior Girder 5	64	0.95	1	1	3.359445
EV2_str	BOBJ1	64	Before	Interior Girder 6	64	0.95	1	1	3.737297
EV2_str	BOBJ1	64	Before	Right Exterior Girder	64	0.95	1	1	7.26546
EV2_str	BOBJ1	64	After	Left Exterior Girder	64	0.95	1	1	6.979241
EV2_str	BOBJ1	64	After	Interior Girder 1	64	0.95	1	1	3.840555
EV2_str	BOBJ1	64	After	Interior Girder 2	64	0.95	1	1	3.379054
EV2_str	BOBJ1	64	After	Interior Girder 3	64	0.95	1	1	3.294147
EV2_str	BOBJ1	64	After	Interior Girder 4	64	0.95	1	1	3.304009
EV2_str	BOBJ1	64	After	Interior Girder 5	64	0.95	1	1	3.382678
EV2_str	BOBJ1	64	After	Interior Girder 6	64	0.95	1	1	3.839801
EV2_str	BOBJ1	64	After	Right Exterior Girder	64	0.95	1	1	6.984236
EV2_str	BOBJ1	69	Before	Interior Girder 1	69	0.95	1	1	2.87065
EV2_str	BOBJ1	69	Before	Interior Girder 2	69	0.95	1	1	2.957714
EV2_str	BOBJ1	69	Before	Interior Girder 3	69	0.95	1	1	2.903408
EV2_str	BOBJ1	69	Before	Interior Girder 4	69	0.95	1	1	2.902055
EV2_str	BOBJ1	69	Before	Interior Girder 5	69	0.95	1	1	2.954261
EV2_str	BOBJ1	69	Before	Interior Girder 6	69	0.95	1	1	2.871527
EV2_str	BOBJ1	69	After	Interior Girder 1	69	0.95	1	1	6.27385
EV2_str	BOBJ1	69	After	Interior Girder 2	69	0.95	1	1	6.349706
EV2_str	BOBJ1	69	After	Interior Girder 3	69	0.95	1	1	6.304368
EV2_str	BOBJ1	69	After	Interior Girder 4	69	0.95	1	1	6.301206
EV2_str	BOBJ1	69	After	Interior Girder 5	69	0.95	1	1	6.342706
EV2_str	BOBJ1	69	After	Interior Girder 6	69	0.95	1	1	6.275394
EV2_str	BOBJ1	72	Before	Left Exterior Girder	72	0.95	1	1	4.82499
EV2_str	BOBJ1	72	Before	Interior Girder 1	72	0.95	1	1	5.475172
EV2_str	BOBJ1	72	Before	Interior Girder 2	72	0.95	1	1	5.52798
EV2_str	BOBJ1	72	Before	Interior Girder 3	72	0.95	1	1	5.325665
EV2_str	BOBJ1	72	Before	Interior Girder 4	72	0.95	1	1	5.322951
EV2_str	BOBJ1	72	Before	Interior Girder 5	72	0.95	1	1	5.520776
EV2_str	BOBJ1	72	Before	Interior Girder 6	72	0.95	1	1	5.477235
EV2_str	BOBJ1	72	Before	Right Exterior Girder	72	0.95	1	1	4.829379
EV2_str	BOBJ1	72	After	Left Exterior Girder	72	0.95	1	1	4.858188
EV2_str	BOBJ1	72	After	Interior Girder 1	72	0.95	1	1	5.393368
EV2_str	BOBJ1	72	After	Interior Girder 2	72	0.95	1	1	5.464884
EV2_str	BOBJ1	72	After	Interior Girder 3	72	0.95	1	1	5.294493
EV2_str	BOBJ1	72	After	Interior Girder 4	72	0.95	1	1	5.291114
EV2_str	BOBJ1	72	After	Interior Girder 5	72	0.95	1	1	5.457603
EV2_str	BOBJ1	72	After	Interior Girder 6	72	0.95	1	1	5.395456
EV2_str	BOBJ1	72	After	Right Exterior Girder	72	0.95	1	1	4.862668
EV2_str	BOBJ1	72.5	Before	Left Exterior Girder	72.5	0.95	1	1	4.680561
EV2_str	BOBJ1	72.5	Before	Right Exterior Girder	72.5	0.95	1	1	4.684974
EV2_str	BOBJ1	72.5	After	Left Exterior Girder	72.5	0.95	1	1	7.111497
EV2_str	BOBJ1	72.5	After	Right Exterior Girder	72.5	0.95	1	1	7.118251
EV2_str	BOBJ1	80	Before	Left Exterior Girder	80	0.95	1	1	4.836287
EV2_str	BOBJ1	80	Before	Interior Girder 1	80	0.95	1	1	3.438255
EV2_str	BOBJ1	80	Before	Interior Girder 2	80	0.95	1	1	3.327653
EV2_str	BOBJ1	80	Before	Interior Girder 3	80	0.95	1	1	2.740477
EV2_str	BOBJ1	80	Before	Interior Girder 4	80	0.95	1	1	2.743342
EV2_str	BOBJ1	80	Before	Interior Girder 5	80	0.95	1	1	3.319568
EV2_str	BOBJ1	80	Before	Interior Girder 6	80	0.95	1	1	3.4404
EV2_str	BOBJ1	80	Before	Right Exterior Girder	80	0.95	1	1	4.841826
EV2_str	BOBJ1	80	After	Left Exterior Girder	0	0.95	1	1	4.687755
EV2_str	BOBJ1	80	After	Interior Girder 1	0	0.95	1	1	3.357087
EV2_str	BOBJ1	80	After	Interior Girder 2	0	0.95	1	1	3.273555
EV2_str	BOBJ1	80	After	Interior Girder 3	0	0.95	1	1	2.703807

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelINonCompStrgth-Flx - Approach, Span 4-6									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
EV2_str	BOBJ1	80	After	Interior Girder 4	0	0.95	1	1	2.710795
EV2_str	BOBJ1	80	After	Interior Girder 5	0	0.95	1	1	3.268485
EV2_str	BOBJ1	80	After	Interior Girder 6	0	0.95	1	1	3.363529
EV2_str	BOBJ1	80	After	Right Exterior Girder	0	0.95	1	1	4.693213
EV2_str	BOBJ1	87.5	Before	Left Exterior Girder	7.5	0.95	1	1	7.583245
EV2_str	BOBJ1	87.5	Before	Right Exterior Girder	7.5	0.95	1	1	7.590542
EV2_str	BOBJ1	87.5	After	Left Exterior Girder	7.5	0.95	1	1	4.89439
EV2_str	BOBJ1	87.5	After	Right Exterior Girder	7.5	0.95	1	1	4.899065
EV2_str	BOBJ1	88	Before	Left Exterior Girder	8	0.95	1	1	5.049103
EV2_str	BOBJ1	88	Before	Interior Girder 1	8	0.95	1	1	5.295266
EV2_str	BOBJ1	88	Before	Interior Girder 2	8	0.95	1	1	5.314486
EV2_str	BOBJ1	88	Before	Interior Girder 3	8	0.95	1	1	5.049016
EV2_str	BOBJ1	88	Before	Interior Girder 4	8	0.95	1	1	5.046436
EV2_str	BOBJ1	88	Before	Interior Girder 5	8	0.95	1	1	5.307743
EV2_str	BOBJ1	88	Before	Interior Girder 6	8	0.95	1	1	5.29713
EV2_str	BOBJ1	88	Before	Right Exterior Girder	8	0.95	1	1	5.05385
EV2_str	BOBJ1	88	After	Left Exterior Girder	8	0.95	1	1	5.071961
EV2_str	BOBJ1	88	After	Interior Girder 1	8	0.95	1	1	5.322969
EV2_str	BOBJ1	88	After	Interior Girder 2	8	0.95	1	1	5.380147
EV2_str	BOBJ1	88	After	Interior Girder 3	8	0.95	1	1	5.083091
EV2_str	BOBJ1	88	After	Interior Girder 4	8	0.95	1	1	5.080961
EV2_str	BOBJ1	88	After	Interior Girder 5	8	0.95	1	1	5.373265
EV2_str	BOBJ1	88	After	Interior Girder 6	8	0.95	1	1	5.324746
EV2_str	BOBJ1	88	After	Right Exterior Girder	8	0.95	1	1	5.076591
EV2_str	BOBJ1	91	Before	Interior Girder 1	11	0.95	1	1	6.00876
EV2_str	BOBJ1	91	Before	Interior Girder 2	11	0.95	1	1	6.135659
EV2_str	BOBJ1	91	Before	Interior Girder 3	11	0.95	1	1	6.009558
EV2_str	BOBJ1	91	Before	Interior Girder 4	11	0.95	1	1	6.006587
EV2_str	BOBJ1	91	Before	Interior Girder 5	11	0.95	1	1	6.128981
EV2_str	BOBJ1	91	Before	Interior Girder 6	11	0.95	1	1	6.010084
EV2_str	BOBJ1	91	After	Interior Girder 1	11	0.95	1	1	2.45596
EV2_str	BOBJ1	91	After	Interior Girder 2	11	0.95	1	1	2.570641
EV2_str	BOBJ1	91	After	Interior Girder 3	11	0.95	1	1	2.486696
EV2_str	BOBJ1	91	After	Interior Girder 4	11	0.95	1	1	2.485655
EV2_str	BOBJ1	91	After	Interior Girder 5	11	0.95	1	1	2.567729
EV2_str	BOBJ1	91	After	Interior Girder 6	11	0.95	1	1	2.456608
EV2_str	BOBJ1	96	Before	Left Exterior Girder	16	0.95	1	1	7.468862
EV2_str	BOBJ1	96	Before	Interior Girder 1	16	0.95	1	1	3.354609
EV2_str	BOBJ1	96	Before	Interior Girder 2	16	0.95	1	1	3.521026
EV2_str	BOBJ1	96	Before	Interior Girder 3	16	0.95	1	1	3.695109
EV2_str	BOBJ1	96	Before	Interior Girder 4	16	0.95	1	1	3.693541
EV2_str	BOBJ1	96	Before	Interior Girder 5	16	0.95	1	1	3.518282
EV2_str	BOBJ1	96	Before	Interior Girder 6	16	0.95	1	1	3.354874
EV2_str	BOBJ1	96	Before	Right Exterior Girder	16	0.95	1	1	7.474061
EV2_str	BOBJ1	96	After	Left Exterior Girder	16	0.95	1	1	3.636754
EV2_str	BOBJ1	96	After	Interior Girder 1	16	0.95	1	1	3.965545
EV2_str	BOBJ1	96	After	Interior Girder 2	16	0.95	1	1	4.117045
EV2_str	BOBJ1	96	After	Interior Girder 3	16	0.95	1	1	4.264763
EV2_str	BOBJ1	96	After	Interior Girder 4	16	0.95	1	1	4.263134
EV2_str	BOBJ1	96	After	Interior Girder 5	16	0.95	1	1	4.113544
EV2_str	BOBJ1	96	After	Interior Girder 6	16	0.95	1	1	3.966045
EV2_str	BOBJ1	96	After	Right Exterior Girder	16	0.95	1	1	3.639423
EV2_str	BOBJ1	104	Before	Left Exterior Girder	24	0.95	1	1	3.439967
EV2_str	BOBJ1	104	Before	Interior Girder 1	24	0.95	1	1	2.740769
EV2_str	BOBJ1	104	Before	Interior Girder 2	24	0.95	1	1	2.618061
EV2_str	BOBJ1	104	Before	Interior Girder 3	24	0.95	1	1	2.553878
EV2_str	BOBJ1	104	Before	Interior Girder 4	24	0.95	1	1	2.569105
EV2_str	BOBJ1	104	Before	Interior Girder 5	24	0.95	1	1	2.612977
EV2_str	BOBJ1	104	Before	Interior Girder 6	24	0.95	1	1	2.748646
EV2_str	BOBJ1	104	Before	Right Exterior Girder	24	0.95	1	1	3.44317
EV2_str	BOBJ1	104	After	Left Exterior Girder	24	0.95	1	1	3.530419
EV2_str	BOBJ1	104	After	Interior Girder 1	24	0.95	1	1	2.698379
EV2_str	BOBJ1	104	After	Interior Girder 2	24	0.95	1	1	2.612015
EV2_str	BOBJ1	104	After	Interior Girder 3	24	0.95	1	1	2.587882
EV2_str	BOBJ1	104	After	Interior Girder 4	24	0.95	1	1	2.605067

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelINonCompStrgth-Flx - Approach, Span 4-E									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
EV2_str	BOBJ1	104	After	Interior Girder 5	24	0.95	1	1	2.6091
EV2_str	BOBJ1	104	After	Interior Girder 6	24	0.95	1	1	2.705678
EV2_str	BOBJ1	104	After	Right Exterior Girder	24	0.95	1	1	3.533518
EV2_str	BOBJ1	112	Before	Left Exterior Girder	32	0.95	1	1	2.264723
EV2_str	BOBJ1	112	Before	Interior Girder 1	32	0.95	1	1	2.157201
EV2_str	BOBJ1	112	Before	Interior Girder 2	32	0.95	1	1	2.127405
EV2_str	BOBJ1	112	Before	Interior Girder 3	32	0.95	1	1	2.163799
EV2_str	BOBJ1	112	Before	Interior Girder 4	32	0.95	1	1	2.166573
EV2_str	BOBJ1	112	Before	Interior Girder 5	32	0.95	1	1	2.128547
EV2_str	BOBJ1	112	Before	Interior Girder 6	32	0.95	1	1	2.156796
EV2_str	BOBJ1	112	Before	Right Exterior Girder	32	0.95	1	1	2.267563
EV2_str	BOBJ1	112	After	Left Exterior Girder	32	0.95	1	1	2.301603
EV2_str	BOBJ1	112	After	Interior Girder 1	32	0.95	1	1	2.134944
EV2_str	BOBJ1	112	After	Interior Girder 2	32	0.95	1	1	2.121016
EV2_str	BOBJ1	112	After	Interior Girder 3	32	0.95	1	1	2.166388
EV2_str	BOBJ1	112	After	Interior Girder 4	32	0.95	1	1	2.168936
EV2_str	BOBJ1	112	After	Interior Girder 5	32	0.95	1	1	2.123183
EV2_str	BOBJ1	112	After	Interior Girder 6	32	0.95	1	1	2.134628
EV2_str	BOBJ1	112	After	Right Exterior Girder	32	0.95	1	1	2.304344
EV2_str	BOBJ1	120	Before	Left Exterior Girder	40	0.95	1	1	2.137091
EV2_str	BOBJ1	120	Before	Interior Girder 1	40	0.95	1	1	1.884658
EV2_str	BOBJ1	120	Before	Interior Girder 2	40	0.95	1	1	1.877642
EV2_str	BOBJ1	120	Before	Interior Girder 3	40	0.95	1	1	1.877673
EV2_str	BOBJ1	120	Before	Interior Girder 4	40	0.95	1	1	1.885781
EV2_str	BOBJ1	120	Before	Interior Girder 5	40	0.95	1	1	1.873159
EV2_str	BOBJ1	120	Before	Interior Girder 6	40	0.95	1	1	1.889099
EV2_str	BOBJ1	120	Before	Right Exterior Girder	40	0.95	1	1	2.138973
EV2_str	BOBJ1	120	After	Left Exterior Girder	40	0.95	1	1	2.140217
EV2_str	BOBJ1	120	After	Interior Girder 1	40	0.95	1	1	1.882953
EV2_str	BOBJ1	120	After	Interior Girder 2	40	0.95	1	1	1.876676
EV2_str	BOBJ1	120	After	Interior Girder 3	40	0.95	1	1	1.878029
EV2_str	BOBJ1	120	After	Interior Girder 4	40	0.95	1	1	1.885841
EV2_str	BOBJ1	120	After	Interior Girder 5	40	0.95	1	1	1.872107
EV2_str	BOBJ1	120	After	Interior Girder 6	40	0.95	1	1	1.887405
EV2_str	BOBJ1	120	After	Right Exterior Girder	40	0.95	1	1	2.1421
EV2_str	BOBJ1	128	Before	Left Exterior Girder	48	0.95	1	1	2.263229
EV2_str	BOBJ1	128	Before	Interior Girder 1	48	0.95	1	1	2.117981
EV2_str	BOBJ1	128	Before	Interior Girder 2	48	0.95	1	1	2.106714
EV2_str	BOBJ1	128	Before	Interior Girder 3	48	0.95	1	1	2.153234
EV2_str	BOBJ1	128	Before	Interior Girder 4	48	0.95	1	1	2.155752
EV2_str	BOBJ1	128	Before	Interior Girder 5	48	0.95	1	1	2.108802
EV2_str	BOBJ1	128	Before	Interior Girder 6	48	0.95	1	1	2.117667
EV2_str	BOBJ1	128	Before	Right Exterior Girder	48	0.95	1	1	2.265918
EV2_str	BOBJ1	128	After	Left Exterior Girder	48	0.95	1	1	2.23207
EV2_str	BOBJ1	128	After	Interior Girder 1	48	0.95	1	1	2.135253
EV2_str	BOBJ1	128	After	Interior Girder 2	48	0.95	1	1	2.112891
EV2_str	BOBJ1	128	After	Interior Girder 3	48	0.95	1	1	2.151624
EV2_str	BOBJ1	128	After	Interior Girder 4	48	0.95	1	1	2.154327
EV2_str	BOBJ1	128	After	Interior Girder 5	48	0.95	1	1	2.113957
EV2_str	BOBJ1	128	After	Interior Girder 6	48	0.95	1	1	2.134856
EV2_str	BOBJ1	128	After	Right Exterior Girder	48	0.95	1	1	2.234857
EV2_str	BOBJ1	136	Before	Left Exterior Girder	56	0.95	1	1	3.398383
EV2_str	BOBJ1	136	Before	Interior Girder 1	56	0.95	1	1	2.653092
EV2_str	BOBJ1	136	Before	Interior Girder 2	56	0.95	1	1	2.57773
EV2_str	BOBJ1	136	Before	Interior Girder 3	56	0.95	1	1	2.558018
EV2_str	BOBJ1	136	Before	Interior Girder 4	56	0.95	1	1	2.574756
EV2_str	BOBJ1	136	Before	Interior Girder 5	56	0.95	1	1	2.574767
EV2_str	BOBJ1	136	Before	Interior Girder 6	56	0.95	1	1	2.660176
EV2_str	BOBJ1	136	Before	Right Exterior Girder	56	0.95	1	1	3.401401
EV2_str	BOBJ1	136	After	Left Exterior Girder	56	0.95	1	1	3.316974
EV2_str	BOBJ1	136	After	Interior Girder 1	56	0.95	1	1	2.690668
EV2_str	BOBJ1	136	After	Interior Girder 2	56	0.95	1	1	2.583953
EV2_str	BOBJ1	136	After	Interior Girder 3	56	0.95	1	1	2.526534
EV2_str	BOBJ1	136	After	Interior Girder 4	56	0.95	1	1	2.541348
EV2_str	BOBJ1	136	After	Interior Girder 5	56	0.95	1	1	2.578877

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelINonCompStrgth-Flx - Approach, Span 4-E									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
EV2_str	BOBJ1	136	After	Interior Girder 6	56	0.95	1	1	2.698285
EV2_str	BOBJ1	136	After	Right Exterior Girder	56	0.95	1	1	3.320082
EV2_str	BOBJ1	144	Before	Left Exterior Girder	64	0.95	1	1	3.601099
EV2_str	BOBJ1	144	Before	Interior Girder 1	64	0.95	1	1	3.898935
EV2_str	BOBJ1	144	Before	Interior Girder 2	64	0.95	1	1	4.081109
EV2_str	BOBJ1	144	Before	Interior Girder 3	64	0.95	1	1	4.262544
EV2_str	BOBJ1	144	Before	Interior Girder 4	64	0.95	1	1	4.261036
EV2_str	BOBJ1	144	Before	Interior Girder 5	64	0.95	1	1	4.077876
EV2_str	BOBJ1	144	Before	Interior Girder 6	64	0.95	1	1	3.899391
EV2_str	BOBJ1	144	Before	Right Exterior Girder	64	0.95	1	1	3.60362
EV2_str	BOBJ1	144	After	Left Exterior Girder	64	0.95	1	1	6.806724
EV2_str	BOBJ1	144	After	Interior Girder 1	64	0.95	1	1	3.292365
EV2_str	BOBJ1	144	After	Interior Girder 2	64	0.95	1	1	3.490222
EV2_str	BOBJ1	144	After	Interior Girder 3	64	0.95	1	1	3.692888
EV2_str	BOBJ1	144	After	Interior Girder 4	64	0.95	1	1	3.691406
EV2_str	BOBJ1	144	After	Interior Girder 5	64	0.95	1	1	3.487688
EV2_str	BOBJ1	144	After	Interior Girder 6	64	0.95	1	1	3.292639
EV2_str	BOBJ1	144	After	Right Exterior Girder	64	0.95	1	1	6.811245
EV2_str	BOBJ1	150	Before	Interior Girder 1	70	0.95	1	1	2.243773
EV2_str	BOBJ1	150	Before	Interior Girder 2	70	0.95	1	1	2.372049
EV2_str	BOBJ1	150	Before	Interior Girder 3	70	0.95	1	1	2.295975
EV2_str	BOBJ1	150	Before	Interior Girder 4	70	0.95	1	1	2.29503
EV2_str	BOBJ1	150	Before	Interior Girder 5	70	0.95	1	1	2.369395
EV2_str	BOBJ1	150	Before	Interior Girder 6	70	0.95	1	1	2.244397
EV2_str	BOBJ1	150	After	Interior Girder 1	70	0.95	1	1	5.290283
EV2_str	BOBJ1	150	After	Interior Girder 2	70	0.95	1	1	5.428875
EV2_str	BOBJ1	150	After	Interior Girder 3	70	0.95	1	1	5.32602
EV2_str	BOBJ1	150	After	Interior Girder 4	70	0.95	1	1	5.323428
EV2_str	BOBJ1	150	After	Interior Girder 5	70	0.95	1	1	5.423033
EV2_str	BOBJ1	150	After	Interior Girder 6	70	0.95	1	1	5.291498
EV2_str	BOBJ1	152	Before	Left Exterior Girder	72	0.95	1	1	4.532971
EV2_str	BOBJ1	152	Before	Interior Girder 1	72	0.95	1	1	4.837962
EV2_str	BOBJ1	152	Before	Interior Girder 2	72	0.95	1	1	4.955302
EV2_str	BOBJ1	152	Before	Interior Girder 3	72	0.95	1	1	4.748341
EV2_str	BOBJ1	152	Before	Interior Girder 4	72	0.95	1	1	4.74632
EV2_str	BOBJ1	152	Before	Interior Girder 5	72	0.95	1	1	4.949356
EV2_str	BOBJ1	152	Before	Interior Girder 6	72	0.95	1	1	4.839462
EV2_str	BOBJ1	152	Before	Right Exterior Girder	72	0.95	1	1	4.536948
EV2_str	BOBJ1	152	After	Left Exterior Girder	72	0.95	1	1	4.547159
EV2_str	BOBJ1	152	After	Interior Girder 1	72	0.95	1	1	4.800402
EV2_str	BOBJ1	152	After	Interior Girder 2	72	0.95	1	1	4.902713
EV2_str	BOBJ1	152	After	Interior Girder 3	72	0.95	1	1	4.718867
EV2_str	BOBJ1	152	After	Interior Girder 4	72	0.95	1	1	4.716483
EV2_str	BOBJ1	152	After	Interior Girder 5	72	0.95	1	1	4.896867
EV2_str	BOBJ1	152	After	Interior Girder 6	72	0.95	1	1	4.801934
EV2_str	BOBJ1	152	After	Right Exterior Girder	72	0.95	1	1	4.551249
EV2_str	BOBJ1	154	Before	Left Exterior Girder	74	0.95	1	1	3.977604
EV2_str	BOBJ1	154	Before	Right Exterior Girder	74	0.95	1	1	3.981363
EV2_str	BOBJ1	154	After	Left Exterior Girder	74	0.95	1	1	6.238908
EV2_str	BOBJ1	154	After	Right Exterior Girder	74	0.95	1	1	6.244879
EV2_str	BOBJ1	160	Before	Left Exterior Girder	80	0.95	1	1	4.30056
EV2_str	BOBJ1	160	Before	Interior Girder 1	80	0.95	1	1	3.126362
EV2_str	BOBJ1	160	Before	Interior Girder 2	80	0.95	1	1	3.07846
EV2_str	BOBJ1	160	Before	Interior Girder 3	80	0.95	1	1	2.545222
EV2_str	BOBJ1	160	Before	Interior Girder 4	80	0.95	1	1	2.551559
EV2_str	BOBJ1	160	Before	Interior Girder 5	80	0.95	1	1	3.071244
EV2_str	BOBJ1	160	Before	Interior Girder 6	80	0.95	1	1	3.128068
EV2_str	BOBJ1	160	Before	Right Exterior Girder	80	0.95	1	1	4.304726
EV2_str	BOBJ1	160	After	Left Exterior Girder	0	0.95	1	1	4.260954
EV2_str	BOBJ1	160	After	Interior Girder 1	0	0.95	1	1	3.032055
EV2_str	BOBJ1	160	After	Interior Girder 2	0	0.95	1	1	3.021712
EV2_str	BOBJ1	160	After	Interior Girder 3	0	0.95	1	1	2.508309
EV2_str	BOBJ1	160	After	Interior Girder 4	0	0.95	1	1	2.510257
EV2_str	BOBJ1	160	After	Interior Girder 5	0	0.95	1	1	3.014731
EV2_str	BOBJ1	160	After	Interior Girder 6	0	0.95	1	1	3.037054

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelINonCompStrgth-Flx - Approach, Span 4-E									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
EV2_str	BOBJ1	160	After	Right Exterior Girder	0	0.95	1	1	4.26599
EV2_str	BOBJ1	166	Before	Left Exterior Girder	6	0.95	1	1	6.367563
EV2_str	BOBJ1	166	Before	Right Exterior Girder	6	0.95	1	1	6.37385
EV2_str	BOBJ1	166	After	Left Exterior Girder	6	0.95	1	1	4.112717
EV2_str	BOBJ1	166	After	Right Exterior Girder	6	0.95	1	1	4.11675
EV2_str	BOBJ1	168	Before	Left Exterior Girder	8	0.95	1	1	4.732809
EV2_str	BOBJ1	168	Before	Interior Girder 1	8	0.95	1	1	5.22332
EV2_str	BOBJ1	168	Before	Interior Girder 2	8	0.95	1	1	5.322984
EV2_str	BOBJ1	168	Before	Interior Girder 3	8	0.95	1	1	5.147702
EV2_str	BOBJ1	168	Before	Interior Girder 4	8	0.95	1	1	5.14448
EV2_str	BOBJ1	168	Before	Interior Girder 5	8	0.95	1	1	5.316006
EV2_str	BOBJ1	168	Before	Interior Girder 6	8	0.95	1	1	5.225197
EV2_str	BOBJ1	168	Before	Right Exterior Girder	8	0.95	1	1	4.737172
EV2_str	BOBJ1	168	After	Left Exterior Girder	8	0.95	1	1	4.679276
EV2_str	BOBJ1	168	After	Interior Girder 1	8	0.95	1	1	5.31552
EV2_str	BOBJ1	168	After	Interior Girder 2	8	0.95	1	1	5.377905
EV2_str	BOBJ1	168	After	Interior Girder 3	8	0.95	1	1	5.180174
EV2_str	BOBJ1	168	After	Interior Girder 4	8	0.95	1	1	5.177477
EV2_str	BOBJ1	168	After	Interior Girder 5	8	0.95	1	1	5.371036
EV2_str	BOBJ1	168	After	Interior Girder 6	8	0.95	1	1	5.31741
EV2_str	BOBJ1	168	After	Right Exterior Girder	8	0.95	1	1	4.683535
EV2_str	BOBJ1	170	Before	Interior Girder 1	10	0.95	1	1	5.858296
EV2_str	BOBJ1	170	Before	Interior Girder 2	10	0.95	1	1	5.922266
EV2_str	BOBJ1	170	Before	Interior Girder 3	10	0.95	1	1	5.830734
EV2_str	BOBJ1	170	Before	Interior Girder 4	10	0.95	1	1	5.827706
EV2_str	BOBJ1	170	Before	Interior Girder 5	10	0.95	1	1	5.915499
EV2_str	BOBJ1	170	Before	Interior Girder 6	10	0.95	1	1	5.859857
EV2_str	BOBJ1	170	After	Interior Girder 1	10	0.95	1	1	2.747966
EV2_str	BOBJ1	170	After	Interior Girder 2	10	0.95	1	1	2.851349
EV2_str	BOBJ1	170	After	Interior Girder 3	10	0.95	1	1	2.764722
EV2_str	BOBJ1	170	After	Interior Girder 4	10	0.95	1	1	2.763389
EV2_str	BOBJ1	170	After	Interior Girder 5	10	0.95	1	1	2.847927
EV2_str	BOBJ1	170	After	Interior Girder 6	10	0.95	1	1	2.748852
EV2_str	BOBJ1	176	Before	Left Exterior Girder	16	0.95	1	1	6.95756
EV2_str	BOBJ1	176	Before	Interior Girder 1	16	0.95	1	1	3.923967
EV2_str	BOBJ1	176	Before	Interior Girder 2	16	0.95	1	1	3.424067
EV2_str	BOBJ1	176	Before	Interior Girder 3	16	0.95	1	1	3.332385
EV2_str	BOBJ1	176	Before	Interior Girder 4	16	0.95	1	1	3.342201
EV2_str	BOBJ1	176	Before	Interior Girder 5	16	0.95	1	1	3.427762
EV2_str	BOBJ1	176	Before	Interior Girder 6	16	0.95	1	1	3.921797
EV2_str	BOBJ1	176	Before	Right Exterior Girder	16	0.95	1	1	6.96385
EV2_str	BOBJ1	176	After	Left Exterior Girder	16	0.95	1	1	7.226129
EV2_str	BOBJ1	176	After	Interior Girder 1	16	0.95	1	1	3.848559
EV2_str	BOBJ1	176	After	Interior Girder 2	16	0.95	1	1	3.399769
EV2_str	BOBJ1	176	After	Interior Girder 3	16	0.95	1	1	3.379442
EV2_str	BOBJ1	176	After	Interior Girder 4	16	0.95	1	1	3.387247
EV2_str	BOBJ1	176	After	Interior Girder 5	16	0.95	1	1	3.40422
EV2_str	BOBJ1	176	After	Interior Girder 6	16	0.95	1	1	3.843263
EV2_str	BOBJ1	176	After	Right Exterior Girder	16	0.95	1	1	7.232929
EV2_str	BOBJ1	181	Before	Interior Girder 1	21	0.95	1	1	2.225547
EV2_str	BOBJ1	181	Before	Interior Girder 2	21	0.95	1	1	2.109871
EV2_str	BOBJ1	181	Before	Interior Girder 3	21	0.95	1	1	2.055478
EV2_str	BOBJ1	181	Before	Interior Girder 4	21	0.95	1	1	2.0688
EV2_str	BOBJ1	181	Before	Interior Girder 5	21	0.95	1	1	2.105873
EV2_str	BOBJ1	181	Before	Interior Girder 6	21	0.95	1	1	2.230515
EV2_str	BOBJ1	181	After	Interior Girder 1	21	0.95	1	1	3.968538
EV2_str	BOBJ1	181	After	Interior Girder 2	21	0.95	1	1	3.723476
EV2_str	BOBJ1	181	After	Interior Girder 3	21	0.95	1	1	3.721001
EV2_str	BOBJ1	181	After	Interior Girder 4	21	0.95	1	1	3.745888
EV2_str	BOBJ1	181	After	Interior Girder 5	21	0.95	1	1	3.716333
EV2_str	BOBJ1	181	After	Interior Girder 6	21	0.95	1	1	3.977272
EV2_str	BOBJ1	184	Before	Left Exterior Girder	24	0.95	1	1	4.032365
EV2_str	BOBJ1	184	Before	Interior Girder 1	24	0.95	1	1	3.256873
EV2_str	BOBJ1	184	Before	Interior Girder 2	24	0.95	1	1	3.12644
EV2_str	BOBJ1	184	Before	Interior Girder 3	24	0.95	1	1	3.130939

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelINonCompStrgth-Flx - Approach, Span 4-E									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
EV2_str	BOBJ1	184	Before	Interior Girder 4	24	0.95	1	1	3.1442
EV2_str	BOBJ1	184	Before	Interior Girder 5	24	0.95	1	1	3.118722
EV2_str	BOBJ1	184	Before	Interior Girder 6	24	0.95	1	1	3.264572
EV2_str	BOBJ1	184	Before	Right Exterior Girder	24	0.95	1	1	4.035203
EV2_str	BOBJ1	184	After	Left Exterior Girder	24	0.95	1	1	4.121857
EV2_str	BOBJ1	184	After	Interior Girder 1	24	0.95	1	1	3.215334
EV2_str	BOBJ1	184	After	Interior Girder 2	24	0.95	1	1	3.126671
EV2_str	BOBJ1	184	After	Interior Girder 3	24	0.95	1	1	3.157938
EV2_str	BOBJ1	184	After	Interior Girder 4	24	0.95	1	1	3.176573
EV2_str	BOBJ1	184	After	Interior Girder 5	24	0.95	1	1	3.121675
EV2_str	BOBJ1	184	After	Interior Girder 6	24	0.95	1	1	3.222629
EV2_str	BOBJ1	184	After	Right Exterior Girder	24	0.95	1	1	4.124449
EV2_str	BOBJ1	192	Before	Left Exterior Girder	32	0.95	1	1	2.623825
EV2_str	BOBJ1	192	Before	Interior Girder 1	32	0.95	1	1	2.316096
EV2_str	BOBJ1	192	Before	Interior Girder 2	32	0.95	1	1	2.336245
EV2_str	BOBJ1	192	Before	Interior Girder 3	32	0.95	1	1	2.398152
EV2_str	BOBJ1	192	Before	Interior Girder 4	32	0.95	1	1	2.400737
EV2_str	BOBJ1	192	Before	Interior Girder 5	32	0.95	1	1	2.334763
EV2_str	BOBJ1	192	Before	Interior Girder 6	32	0.95	1	1	2.315909
EV2_str	BOBJ1	192	Before	Right Exterior Girder	32	0.95	1	1	2.626849
EV2_str	BOBJ1	192	After	Left Exterior Girder	32	0.95	1	1	2.678342
EV2_str	BOBJ1	192	After	Interior Girder 1	32	0.95	1	1	2.286503
EV2_str	BOBJ1	192	After	Interior Girder 2	32	0.95	1	1	2.327632
EV2_str	BOBJ1	192	After	Interior Girder 3	32	0.95	1	1	2.394656
EV2_str	BOBJ1	192	After	Interior Girder 4	32	0.95	1	1	2.397596
EV2_str	BOBJ1	192	After	Interior Girder 5	32	0.95	1	1	2.327565
EV2_str	BOBJ1	192	After	Interior Girder 6	32	0.95	1	1	2.286408
EV2_str	BOBJ1	192	After	Right Exterior Girder	32	0.95	1	1	2.681254
EV2_str	BOBJ1	200	Before	Left Exterior Girder	40	0.95	1	1	2.221959
EV2_str	BOBJ1	200	Before	Interior Girder 1	40	0.95	1	1	1.833999
EV2_str	BOBJ1	200	Before	Interior Girder 2	40	0.95	1	1	1.876634
EV2_str	BOBJ1	200	Before	Interior Girder 3	40	0.95	1	1	1.93618
EV2_str	BOBJ1	200	Before	Interior Girder 4	40	0.95	1	1	1.941032
EV2_str	BOBJ1	200	Before	Interior Girder 5	40	0.95	1	1	1.872641
EV2_str	BOBJ1	200	Before	Interior Girder 6	40	0.95	1	1	1.837632
EV2_str	BOBJ1	200	Before	Right Exterior Girder	40	0.95	1	1	2.223847
EV2_str	BOBJ1	200	After	Left Exterior Girder	40	0.95	1	1	2.240923
EV2_str	BOBJ1	200	After	Interior Girder 1	40	0.95	1	1	1.826187
EV2_str	BOBJ1	200	After	Interior Girder 2	40	0.95	1	1	1.880367
EV2_str	BOBJ1	200	After	Interior Girder 3	40	0.95	1	1	1.939635
EV2_str	BOBJ1	200	After	Interior Girder 4	40	0.95	1	1	1.94786
EV2_str	BOBJ1	200	After	Interior Girder 5	40	0.95	1	1	1.876503
EV2_str	BOBJ1	200	After	Interior Girder 6	40	0.95	1	1	1.829121
EV2_str	BOBJ1	200	After	Right Exterior Girder	40	0.95	1	1	2.242797
EV2_str	BOBJ1	208	Before	Left Exterior Girder	48	0.95	1	1	2.056022
EV2_str	BOBJ1	208	Before	Interior Girder 1	48	0.95	1	1	1.761702
EV2_str	BOBJ1	208	Before	Interior Girder 2	48	0.95	1	1	1.839652
EV2_str	BOBJ1	208	Before	Interior Girder 3	48	0.95	1	1	1.90761
EV2_str	BOBJ1	208	Before	Interior Girder 4	48	0.95	1	1	1.909702
EV2_str	BOBJ1	208	Before	Interior Girder 5	48	0.95	1	1	1.838815
EV2_str	BOBJ1	208	Before	Interior Girder 6	48	0.95	1	1	1.761592
EV2_str	BOBJ1	208	Before	Right Exterior Girder	48	0.95	1	1	2.058193
EV2_str	BOBJ1	208	After	Left Exterior Girder	48	0.95	1	1	2.047707
EV2_str	BOBJ1	208	After	Interior Girder 1	48	0.95	1	1	1.761982
EV2_str	BOBJ1	208	After	Interior Girder 2	48	0.95	1	1	1.840905
EV2_str	BOBJ1	208	After	Interior Girder 3	48	0.95	1	1	1.906361
EV2_str	BOBJ1	208	After	Interior Girder 4	48	0.95	1	1	1.907966
EV2_str	BOBJ1	208	After	Interior Girder 5	48	0.95	1	1	1.839842
EV2_str	BOBJ1	208	After	Interior Girder 6	48	0.95	1	1	1.761831
EV2_str	BOBJ1	208	After	Right Exterior Girder	48	0.95	1	1	2.049961
EV2_str	BOBJ1	216	Before	Left Exterior Girder	56	0.95	1	1	2.373584
EV2_str	BOBJ1	216	Before	Interior Girder 1	56	0.95	1	1	1.887748
EV2_str	BOBJ1	216	Before	Interior Girder 2	56	0.95	1	1	1.931627
EV2_str	BOBJ1	216	Before	Interior Girder 3	56	0.95	1	1	2.000488
EV2_str	BOBJ1	216	Before	Interior Girder 4	56	0.95	1	1	2.009019

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelINonCompStrgth-Flx - Approach, Span 4-E									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
EV2_str	BOBJ1	216	Before	Interior Girder 5	56	0.95	1	1	1.927516
EV2_str	BOBJ1	216	Before	Interior Girder 6	56	0.95	1	1	1.891414
EV2_str	BOBJ1	216	Before	Right Exterior Girder	56	0.95	1	1	2.375842
EV2_str	BOBJ1	216	After	Left Exterior Girder	56	0.95	1	1	2.33647
EV2_str	BOBJ1	216	After	Interior Girder 1	56	0.95	1	1	1.895601
EV2_str	BOBJ1	216	After	Interior Girder 2	56	0.95	1	1	1.933333
EV2_str	BOBJ1	216	After	Interior Girder 3	56	0.95	1	1	1.979867
EV2_str	BOBJ1	216	After	Interior Girder 4	56	0.95	1	1	1.984804
EV2_str	BOBJ1	216	After	Interior Girder 5	56	0.95	1	1	1.928992
EV2_str	BOBJ1	216	After	Interior Girder 6	56	0.95	1	1	1.899506
EV2_str	BOBJ1	216	After	Right Exterior Girder	56	0.95	1	1	2.33877
EV2_str	BOBJ1	224	Before	Left Exterior Girder	64	0.95	1	1	3.177129
EV2_str	BOBJ1	224	Before	Interior Girder 1	64	0.95	1	1	2.655505
EV2_str	BOBJ1	224	Before	Interior Girder 2	64	0.95	1	1	2.625453
EV2_str	BOBJ1	224	Before	Interior Girder 3	64	0.95	1	1	2.690477
EV2_str	BOBJ1	224	Before	Interior Girder 4	64	0.95	1	1	2.694079
EV2_str	BOBJ1	224	Before	Interior Girder 5	64	0.95	1	1	2.626973
EV2_str	BOBJ1	224	Before	Interior Girder 6	64	0.95	1	1	2.65531
EV2_str	BOBJ1	224	Before	Right Exterior Girder	64	0.95	1	1	3.18089
EV2_str	BOBJ1	224	After	Left Exterior Girder	64	0.95	1	1	3.095716
EV2_str	BOBJ1	224	After	Interior Girder 1	64	0.95	1	1	2.69012
EV2_str	BOBJ1	224	After	Interior Girder 2	64	0.95	1	1	2.623962
EV2_str	BOBJ1	224	After	Interior Girder 3	64	0.95	1	1	2.643607
EV2_str	BOBJ1	224	After	Interior Girder 4	64	0.95	1	1	2.644723
EV2_str	BOBJ1	224	After	Interior Girder 5	64	0.95	1	1	2.622886
EV2_str	BOBJ1	224	After	Interior Girder 6	64	0.95	1	1	2.68984
EV2_str	BOBJ1	224	After	Right Exterior Girder	64	0.95	1	1	3.099635
EV2_str	BOBJ1	232	Before	Left Exterior Girder	72	0.95	1	1	6.616567
EV2_str	BOBJ1	232	Before	Interior Girder 1	72	0.95	1	1	4.799562
EV2_str	BOBJ1	232	Before	Interior Girder 2	72	0.95	1	1	4.538697
EV2_str	BOBJ1	232	Before	Interior Girder 3	72	0.95	1	1	4.485377
EV2_str	BOBJ1	232	Before	Interior Girder 4	72	0.95	1	1	4.519552
EV2_str	BOBJ1	232	Before	Interior Girder 5	72	0.95	1	1	4.536764
EV2_str	BOBJ1	232	Before	Interior Girder 6	72	0.95	1	1	4.813172
EV2_str	BOBJ1	232	Before	Right Exterior Girder	72	0.95	1	1	6.623468
EV2_str	BOBJ1	232	After	Left Exterior Girder	72	0.95	1	1	6.57348
EV2_str	BOBJ1	232	After	Interior Girder 1	72	0.95	1	1	4.771957
EV2_str	BOBJ1	232	After	Interior Girder 2	72	0.95	1	1	4.491445
EV2_str	BOBJ1	232	After	Interior Girder 3	72	0.95	1	1	4.314248
EV2_str	BOBJ1	232	After	Interior Girder 4	72	0.95	1	1	4.339667
EV2_str	BOBJ1	232	After	Interior Girder 5	72	0.95	1	1	4.48155
EV2_str	BOBJ1	232	After	Interior Girder 6	72	0.95	1	1	4.78888
EV2_str	BOBJ1	232	After	Right Exterior Girder	72	0.95	1	1	6.581387
EV2_str	BOBJ1	240	Before	Left Exterior Girder	80	0.95	1	1	62.657672
EV2_str	BOBJ1	240	Before	Interior Girder 1	80	0.95	1	1	35.503023
EV2_str	BOBJ1	240	Before	Interior Girder 2	80	0.95	1	1	29.918593
EV2_str	BOBJ1	240	Before	Interior Girder 3	80	0.95	1	1	20.784498
EV2_str	BOBJ1	240	Before	Interior Girder 4	80	0.95	1	1	20.890844
EV2_str	BOBJ1	240	Before	Interior Girder 5	80	0.95	1	1	29.558424
EV2_str	BOBJ1	240	Before	Interior Girder 6	80	0.95	1	1	35.503023
EV2_str	BOBJ1	240	Before	Right Exterior Girder	80	0.95	1	1	62.329257
EV3_str	BOBJ1	0	After	Left Exterior Girder	0	0.95	1	1	306.064625
EV3_str	BOBJ1	0	After	Interior Girder 1	0	0.95	1	1	263.833384
EV3_str	BOBJ1	0	After	Interior Girder 2	0	0.95	1	1	240.920073
EV3_str	BOBJ1	0	After	Interior Girder 3	0	0.95	1	1	155.99922
EV3_str	BOBJ1	0	After	Interior Girder 4	0	0.95	1	1	159.229358
EV3_str	BOBJ1	0	After	Interior Girder 5	0	0.95	1	1	238.053119
EV3_str	BOBJ1	0	After	Interior Girder 6	0	0.95	1	1	250.544802
EV3_str	BOBJ1	0	After	Right Exterior Girder	0	0.95	1	1	315.694701
EV3_str	BOBJ1	8	Before	Left Exterior Girder	8	0.95	1	1	4.519375
EV3_str	BOBJ1	8	Before	Interior Girder 1	8	0.95	1	1	3.324438
EV3_str	BOBJ1	8	Before	Interior Girder 2	8	0.95	1	1	3.127374
EV3_str	BOBJ1	8	Before	Interior Girder 3	8	0.95	1	1	2.873255
EV3_str	BOBJ1	8	Before	Interior Girder 4	8	0.95	1	1	2.898304
EV3_str	BOBJ1	8	Before	Interior Girder 5	8	0.95	1	1	3.115881

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelINonCompStrgth-Flx - Approach, Span 4-E									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
EV3_str	BOBJ1	8	Before	Interior Girder 6	8	0.95	1	1	3.338798
EV3_str	BOBJ1	8	Before	Right Exterior Girder	8	0.95	1	1	4.52362
EV3_str	BOBJ1	8	After	Left Exterior Girder	8	0.95	1	1	4.563277
EV3_str	BOBJ1	8	After	Interior Girder 1	8	0.95	1	1	3.31845
EV3_str	BOBJ1	8	After	Interior Girder 2	8	0.95	1	1	3.188321
EV3_str	BOBJ1	8	After	Interior Girder 3	8	0.95	1	1	2.989535
EV3_str	BOBJ1	8	After	Interior Girder 4	8	0.95	1	1	3.006568
EV3_str	BOBJ1	8	After	Interior Girder 5	8	0.95	1	1	3.177527
EV3_str	BOBJ1	8	After	Interior Girder 6	8	0.95	1	1	3.331469
EV3_str	BOBJ1	8	After	Right Exterior Girder	8	0.95	1	1	4.568845
EV3_str	BOBJ1	16	Before	Left Exterior Girder	16	0.95	1	1	2.070856
EV3_str	BOBJ1	16	Before	Interior Girder 1	16	0.95	1	1	1.990741
EV3_str	BOBJ1	16	Before	Interior Girder 2	16	0.95	1	1	1.908893
EV3_str	BOBJ1	16	Before	Interior Girder 3	16	0.95	1	1	1.891431
EV3_str	BOBJ1	16	Before	Interior Girder 4	16	0.95	1	1	1.890111
EV3_str	BOBJ1	16	Before	Interior Girder 5	16	0.95	1	1	1.908028
EV3_str	BOBJ1	16	Before	Interior Girder 6	16	0.95	1	1	1.990606
EV3_str	BOBJ1	16	Before	Right Exterior Girder	16	0.95	1	1	2.073188
EV3_str	BOBJ1	16	After	Left Exterior Girder	16	0.95	1	1	2.110664
EV3_str	BOBJ1	16	After	Interior Girder 1	16	0.95	1	1	1.972575
EV3_str	BOBJ1	16	After	Interior Girder 2	16	0.95	1	1	1.912576
EV3_str	BOBJ1	16	After	Interior Girder 3	16	0.95	1	1	1.917645
EV3_str	BOBJ1	16	After	Interior Girder 4	16	0.95	1	1	1.918102
EV3_str	BOBJ1	16	After	Interior Girder 5	16	0.95	1	1	1.912556
EV3_str	BOBJ1	16	After	Interior Girder 6	16	0.95	1	1	1.972441
EV3_str	BOBJ1	16	After	Right Exterior Girder	16	0.95	1	1	2.11337
EV3_str	BOBJ1	20.5	Before	Left Exterior Girder	20.5	0.95	1	1	1.713922
EV3_str	BOBJ1	20.5	Before	Right Exterior Girder	20.5	0.95	1	1	1.715426
EV3_str	BOBJ1	20.5	After	Left Exterior Girder	20.5	0.95	1	1	2.538578
EV3_str	BOBJ1	20.5	After	Right Exterior Girder	20.5	0.95	1	1	2.540677
EV3_str	BOBJ1	24	Before	Left Exterior Girder	24	0.95	1	1	2.274223
EV3_str	BOBJ1	24	Before	Interior Girder 1	24	0.95	1	1	1.432271
EV3_str	BOBJ1	24	Before	Interior Girder 2	24	0.95	1	1	1.423283
EV3_str	BOBJ1	24	Before	Interior Girder 3	24	0.95	1	1	1.430413
EV3_str	BOBJ1	24	Before	Interior Girder 4	24	0.95	1	1	1.434482
EV3_str	BOBJ1	24	Before	Interior Girder 5	24	0.95	1	1	1.420032
EV3_str	BOBJ1	24	Before	Interior Girder 6	24	0.95	1	1	1.435267
EV3_str	BOBJ1	24	Before	Right Exterior Girder	24	0.95	1	1	2.276335
EV3_str	BOBJ1	24	After	Left Exterior Girder	24	0.95	1	1	2.271035
EV3_str	BOBJ1	24	After	Interior Girder 1	24	0.95	1	1	1.436433
EV3_str	BOBJ1	24	After	Interior Girder 2	24	0.95	1	1	1.420487
EV3_str	BOBJ1	24	After	Interior Girder 3	24	0.95	1	1	1.436856
EV3_str	BOBJ1	24	After	Interior Girder 4	24	0.95	1	1	1.442468
EV3_str	BOBJ1	24	After	Interior Girder 5	24	0.95	1	1	1.417265
EV3_str	BOBJ1	24	After	Interior Girder 6	24	0.95	1	1	1.439424
EV3_str	BOBJ1	24	After	Right Exterior Girder	24	0.95	1	1	2.273055
EV3_str	BOBJ1	32	Before	Left Exterior Girder	32	0.95	1	1	1.936415
EV3_str	BOBJ1	32	Before	Interior Girder 1	32	0.95	1	1	1.353238
EV3_str	BOBJ1	32	Before	Interior Girder 2	32	0.95	1	1	1.34142
EV3_str	BOBJ1	32	Before	Interior Girder 3	32	0.95	1	1	1.382607
EV3_str	BOBJ1	32	Before	Interior Girder 4	32	0.95	1	1	1.383077
EV3_str	BOBJ1	32	Before	Interior Girder 5	32	0.95	1	1	1.340449
EV3_str	BOBJ1	32	Before	Interior Girder 6	32	0.95	1	1	1.353098
EV3_str	BOBJ1	32	Before	Right Exterior Girder	32	0.95	1	1	1.938802
EV3_str	BOBJ1	32	After	Left Exterior Girder	32	0.95	1	1	1.942244
EV3_str	BOBJ1	32	After	Interior Girder 1	32	0.95	1	1	1.353764
EV3_str	BOBJ1	32	After	Interior Girder 2	32	0.95	1	1	1.337888
EV3_str	BOBJ1	32	After	Interior Girder 3	32	0.95	1	1	1.379805
EV3_str	BOBJ1	32	After	Interior Girder 4	32	0.95	1	1	1.38055
EV3_str	BOBJ1	32	After	Interior Girder 5	32	0.95	1	1	1.337236
EV3_str	BOBJ1	32	After	Interior Girder 6	32	0.95	1	1	1.353669
EV3_str	BOBJ1	32	After	Right Exterior Girder	32	0.95	1	1	1.944455
EV3_str	BOBJ1	40	Before	Left Exterior Girder	40	0.95	1	1	2.109193
EV3_str	BOBJ1	40	Before	Interior Girder 1	40	0.95	1	1	1.366676
EV3_str	BOBJ1	40	Before	Interior Girder 2	40	0.95	1	1	1.364596

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelINonCompStrgth-Flx - Approach, Span 4-E									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
EV3_str	BOBJ1	40	Before	Interior Girder 3	40	0.95	1	1	1.400331
EV3_str	BOBJ1	40	Before	Interior Girder 4	40	0.95	1	1	1.406355
EV3_str	BOBJ1	40	Before	Interior Girder 5	40	0.95	1	1	1.361975
EV3_str	BOBJ1	40	Before	Interior Girder 6	40	0.95	1	1	1.369331
EV3_str	BOBJ1	40	Before	Right Exterior Girder	40	0.95	1	1	2.110997
EV3_str	BOBJ1	40	After	Left Exterior Girder	40	0.95	1	1	2.105036
EV3_str	BOBJ1	40	After	Interior Girder 1	40	0.95	1	1	1.372342
EV3_str	BOBJ1	40	After	Interior Girder 2	40	0.95	1	1	1.362023
EV3_str	BOBJ1	40	After	Interior Girder 3	40	0.95	1	1	1.397343
EV3_str	BOBJ1	40	After	Interior Girder 4	40	0.95	1	1	1.401556
EV3_str	BOBJ1	40	After	Interior Girder 5	40	0.95	1	1	1.359161
EV3_str	BOBJ1	40	After	Interior Girder 6	40	0.95	1	1	1.375032
EV3_str	BOBJ1	40	After	Right Exterior Girder	40	0.95	1	1	2.106871
EV3_str	BOBJ1	46.5	Before	Left Exterior Girder	46.5	0.95	1	1	2.404261
EV3_str	BOBJ1	46.5	Before	Right Exterior Girder	46.5	0.95	1	1	2.406851
EV3_str	BOBJ1	46.5	After	Left Exterior Girder	46.5	0.95	1	1	1.655423
EV3_str	BOBJ1	46.5	After	Right Exterior Girder	46.5	0.95	1	1	1.65727
EV3_str	BOBJ1	48	Before	Left Exterior Girder	48	0.95	1	1	1.763038
EV3_str	BOBJ1	48	Before	Interior Girder 1	48	0.95	1	1	1.700328
EV3_str	BOBJ1	48	Before	Interior Girder 2	48	0.95	1	1	1.697866
EV3_str	BOBJ1	48	Before	Interior Girder 3	48	0.95	1	1	1.739991
EV3_str	BOBJ1	48	Before	Interior Girder 4	48	0.95	1	1	1.741623
EV3_str	BOBJ1	48	Before	Interior Girder 5	48	0.95	1	1	1.697422
EV3_str	BOBJ1	48	Before	Interior Girder 6	48	0.95	1	1	1.700229
EV3_str	BOBJ1	48	Before	Right Exterior Girder	48	0.95	1	1	1.765122
EV3_str	BOBJ1	48	After	Left Exterior Girder	48	0.95	1	1	1.731885
EV3_str	BOBJ1	48	After	Interior Girder 1	48	0.95	1	1	1.72369
EV3_str	BOBJ1	48	After	Interior Girder 2	48	0.95	1	1	1.701706
EV3_str	BOBJ1	48	After	Interior Girder 3	48	0.95	1	1	1.738979
EV3_str	BOBJ1	48	After	Interior Girder 4	48	0.95	1	1	1.740132
EV3_str	BOBJ1	48	After	Interior Girder 5	48	0.95	1	1	1.700391
EV3_str	BOBJ1	48	After	Interior Girder 6	48	0.95	1	1	1.723541
EV3_str	BOBJ1	48	After	Right Exterior Girder	48	0.95	1	1	1.733986
EV3_str	BOBJ1	56	Before	Left Exterior Girder	56	0.95	1	1	2.748206
EV3_str	BOBJ1	56	Before	Interior Girder 1	56	0.95	1	1	2.349909
EV3_str	BOBJ1	56	Before	Interior Girder 2	56	0.95	1	1	2.274947
EV3_str	BOBJ1	56	Before	Interior Girder 3	56	0.95	1	1	2.290886
EV3_str	BOBJ1	56	Before	Interior Girder 4	56	0.95	1	1	2.304644
EV3_str	BOBJ1	56	Before	Interior Girder 5	56	0.95	1	1	2.27002
EV3_str	BOBJ1	56	Before	Interior Girder 6	56	0.95	1	1	2.355146
EV3_str	BOBJ1	56	Before	Right Exterior Girder	56	0.95	1	1	2.750199
EV3_str	BOBJ1	56	After	Left Exterior Girder	56	0.95	1	1	2.686626
EV3_str	BOBJ1	56	After	Interior Girder 1	56	0.95	1	1	2.383266
EV3_str	BOBJ1	56	After	Interior Girder 2	56	0.95	1	1	2.277026
EV3_str	BOBJ1	56	After	Interior Girder 3	56	0.95	1	1	2.275731
EV3_str	BOBJ1	56	After	Interior Girder 4	56	0.95	1	1	2.284383
EV3_str	BOBJ1	56	After	Interior Girder 5	56	0.95	1	1	2.270917
EV3_str	BOBJ1	56	After	Interior Girder 6	56	0.95	1	1	2.388846
EV3_str	BOBJ1	56	After	Right Exterior Girder	56	0.95	1	1	2.688934
EV3_str	BOBJ1	59	Before	Interior Girder 1	59	0.95	1	1	2.868157
EV3_str	BOBJ1	59	Before	Interior Girder 2	59	0.95	1	1	2.706225
EV3_str	BOBJ1	59	Before	Interior Girder 3	59	0.95	1	1	2.715778
EV3_str	BOBJ1	59	Before	Interior Girder 4	59	0.95	1	1	2.730238
EV3_str	BOBJ1	59	Before	Interior Girder 5	59	0.95	1	1	2.700373
EV3_str	BOBJ1	59	Before	Interior Girder 6	59	0.95	1	1	2.875293
EV3_str	BOBJ1	59	After	Interior Girder 1	59	0.95	1	1	1.457773
EV3_str	BOBJ1	59	After	Interior Girder 2	59	0.95	1	1	1.391336
EV3_str	BOBJ1	59	After	Interior Girder 3	59	0.95	1	1	1.358141
EV3_str	BOBJ1	59	After	Interior Girder 4	59	0.95	1	1	1.365564
EV3_str	BOBJ1	59	After	Interior Girder 5	59	0.95	1	1	1.38827
EV3_str	BOBJ1	59	After	Interior Girder 6	59	0.95	1	1	1.461548
EV3_str	BOBJ1	64	Before	Left Exterior Girder	64	0.95	1	1	4.83537
EV3_str	BOBJ1	64	Before	Interior Girder 1	64	0.95	1	1	2.51698
EV3_str	BOBJ1	64	Before	Interior Girder 2	64	0.95	1	1	2.241348
EV3_str	BOBJ1	64	Before	Interior Girder 3	64	0.95	1	1	2.236653

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelINonCompStrgth-Flx - Approach, Span 4-E									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
EV3_str	BOBJ1	64	Before	Interior Girder 4	64	0.95	1	1	2.239825
EV3_str	BOBJ1	64	Before	Interior Girder 5	64	0.95	1	1	2.241924
EV3_str	BOBJ1	64	Before	Interior Girder 6	64	0.95	1	1	2.515169
EV3_str	BOBJ1	64	Before	Right Exterior Girder	64	0.95	1	1	4.839586
EV3_str	BOBJ1	64	After	Left Exterior Girder	64	0.95	1	1	4.648027
EV3_str	BOBJ1	64	After	Interior Girder 1	64	0.95	1	1	2.576872
EV3_str	BOBJ1	64	After	Interior Girder 2	64	0.95	1	1	2.259048
EV3_str	BOBJ1	64	After	Interior Girder 3	64	0.95	1	1	2.214398
EV3_str	BOBJ1	64	After	Interior Girder 4	64	0.95	1	1	2.219609
EV3_str	BOBJ1	64	After	Interior Girder 5	64	0.95	1	1	2.259856
EV3_str	BOBJ1	64	After	Interior Girder 6	64	0.95	1	1	2.576808
EV3_str	BOBJ1	64	After	Right Exterior Girder	64	0.95	1	1	4.652043
EV3_str	BOBJ1	69	Before	Interior Girder 1	69	0.95	1	1	1.914213
EV3_str	BOBJ1	69	Before	Interior Girder 2	69	0.95	1	1	1.972152
EV3_str	BOBJ1	69	Before	Interior Girder 3	69	0.95	1	1	1.928801
EV3_str	BOBJ1	69	Before	Interior Girder 4	69	0.95	1	1	1.927942
EV3_str	BOBJ1	69	Before	Interior Girder 5	69	0.95	1	1	1.969931
EV3_str	BOBJ1	69	Before	Interior Girder 6	69	0.95	1	1	1.91477
EV3_str	BOBJ1	69	After	Interior Girder 1	69	0.95	1	1	4.182415
EV3_str	BOBJ1	69	After	Interior Girder 2	69	0.95	1	1	4.233378
EV3_str	BOBJ1	69	After	Interior Girder 3	69	0.95	1	1	4.186805
EV3_str	BOBJ1	69	After	Interior Girder 4	69	0.95	1	1	4.184729
EV3_str	BOBJ1	69	After	Interior Girder 5	69	0.95	1	1	4.228838
EV3_str	BOBJ1	69	After	Interior Girder 6	69	0.95	1	1	4.183406
EV3_str	BOBJ1	72	Before	Left Exterior Girder	72	0.95	1	1	3.216916
EV3_str	BOBJ1	72	Before	Interior Girder 1	72	0.95	1	1	3.652297
EV3_str	BOBJ1	72	Before	Interior Girder 2	72	0.95	1	1	3.681568
EV3_str	BOBJ1	72	Before	Interior Girder 3	72	0.95	1	1	3.528064
EV3_str	BOBJ1	72	Before	Interior Girder 4	72	0.95	1	1	3.526415
EV3_str	BOBJ1	72	Before	Interior Girder 5	72	0.95	1	1	3.676917
EV3_str	BOBJ1	72	Before	Interior Girder 6	72	0.95	1	1	3.65361
EV3_str	BOBJ1	72	Before	Right Exterior Girder	72	0.95	1	1	3.220055
EV3_str	BOBJ1	72	After	Left Exterior Girder	72	0.95	1	1	3.239642
EV3_str	BOBJ1	72	After	Interior Girder 1	72	0.95	1	1	3.598067
EV3_str	BOBJ1	72	After	Interior Girder 2	72	0.95	1	1	3.632705
EV3_str	BOBJ1	72	After	Interior Girder 3	72	0.95	1	1	3.502392
EV3_str	BOBJ1	72	After	Interior Girder 4	72	0.95	1	1	3.500433
EV3_str	BOBJ1	72	After	Interior Girder 5	72	0.95	1	1	3.627964
EV3_str	BOBJ1	72	After	Interior Girder 6	72	0.95	1	1	3.599416
EV3_str	BOBJ1	72	After	Right Exterior Girder	72	0.95	1	1	3.242786
EV3_str	BOBJ1	72.5	Before	Left Exterior Girder	72.5	0.95	1	1	3.121206
EV3_str	BOBJ1	72.5	Before	Right Exterior Girder	72.5	0.95	1	1	3.124303
EV3_str	BOBJ1	72.5	After	Left Exterior Girder	72.5	0.95	1	1	4.74217
EV3_str	BOBJ1	72.5	After	Right Exterior Girder	72.5	0.95	1	1	4.746923
EV3_str	BOBJ1	80	Before	Left Exterior Girder	80	0.95	1	1	3.225094
EV3_str	BOBJ1	80	Before	Interior Girder 1	80	0.95	1	1	2.282427
EV3_str	BOBJ1	80	Before	Interior Girder 2	80	0.95	1	1	2.200941
EV3_str	BOBJ1	80	Before	Interior Girder 3	80	0.95	1	1	1.807752
EV3_str	BOBJ1	80	Before	Interior Girder 4	80	0.95	1	1	1.811172
EV3_str	BOBJ1	80	Before	Interior Girder 5	80	0.95	1	1	2.196007
EV3_str	BOBJ1	80	Before	Interior Girder 6	80	0.95	1	1	2.283784
EV3_str	BOBJ1	80	Before	Right Exterior Girder	80	0.95	1	1	3.228994
EV3_str	BOBJ1	80	After	Left Exterior Girder	0	0.95	1	1	3.128415
EV3_str	BOBJ1	80	After	Interior Girder 1	0	0.95	1	1	2.219193
EV3_str	BOBJ1	80	After	Interior Girder 2	0	0.95	1	1	2.171061
EV3_str	BOBJ1	80	After	Interior Girder 3	0	0.95	1	1	1.793545
EV3_str	BOBJ1	80	After	Interior Girder 4	0	0.95	1	1	1.798013
EV3_str	BOBJ1	80	After	Interior Girder 5	0	0.95	1	1	2.16441
EV3_str	BOBJ1	80	After	Interior Girder 6	0	0.95	1	1	2.223213
EV3_str	BOBJ1	80	After	Right Exterior Girder	0	0.95	1	1	3.132267
EV3_str	BOBJ1	87.5	Before	Left Exterior Girder	7.5	0.95	1	1	5.061812
EV3_str	BOBJ1	87.5	Before	Right Exterior Girder	7.5	0.95	1	1	5.067036
EV3_str	BOBJ1	87.5	After	Left Exterior Girder	7.5	0.95	1	1	3.266307
EV3_str	BOBJ1	87.5	After	Right Exterior Girder	7.5	0.95	1	1	3.26959
EV3_str	BOBJ1	88	Before	Left Exterior Girder	8	0.95	1	1	3.369647

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelINonCompStrgth-Flx - Approach, Span 4-E									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
EV3_str	BOBJ1	88	Before	Interior Girder 1	8	0.95	1	1	3.536547
EV3_str	BOBJ1	88	Before	Interior Girder 2	8	0.95	1	1	3.538757
EV3_str	BOBJ1	88	Before	Interior Girder 3	8	0.95	1	1	3.35625
EV3_str	BOBJ1	88	Before	Interior Girder 4	8	0.95	1	1	3.354448
EV3_str	BOBJ1	88	Before	Interior Girder 5	8	0.95	1	1	3.533918
EV3_str	BOBJ1	88	Before	Interior Girder 6	8	0.95	1	1	3.537846
EV3_str	BOBJ1	88	Before	Right Exterior Girder	8	0.95	1	1	3.372981
EV3_str	BOBJ1	88	After	Left Exterior Girder	8	0.95	1	1	3.385065
EV3_str	BOBJ1	88	After	Interior Girder 1	8	0.95	1	1	3.555006
EV3_str	BOBJ1	88	After	Interior Girder 2	8	0.95	1	1	3.583821
EV3_str	BOBJ1	88	After	Interior Girder 3	8	0.95	1	1	3.378469
EV3_str	BOBJ1	88	After	Interior Girder 4	8	0.95	1	1	3.376972
EV3_str	BOBJ1	88	After	Interior Girder 5	8	0.95	1	1	3.579098
EV3_str	BOBJ1	88	After	Interior Girder 6	8	0.95	1	1	3.556229
EV3_str	BOBJ1	88	After	Right Exterior Girder	8	0.95	1	1	3.388303
EV3_str	BOBJ1	91	Before	Interior Girder 1	11	0.95	1	1	4.012813
EV3_str	BOBJ1	91	Before	Interior Girder 2	11	0.95	1	1	4.090787
EV3_str	BOBJ1	91	Before	Interior Girder 3	11	0.95	1	1	3.997281
EV3_str	BOBJ1	91	Before	Interior Girder 4	11	0.95	1	1	3.995285
EV3_str	BOBJ1	91	Before	Interior Girder 5	11	0.95	1	1	4.0862
EV3_str	BOBJ1	91	Before	Interior Girder 6	11	0.95	1	1	4.013724
EV3_str	BOBJ1	91	After	Interior Girder 1	11	0.95	1	1	1.640258
EV3_str	BOBJ1	91	After	Interior Girder 2	11	0.95	1	1	1.714385
EV3_str	BOBJ1	91	After	Interior Girder 3	11	0.95	1	1	1.653824
EV3_str	BOBJ1	91	After	Interior Girder 4	11	0.95	1	1	1.653123
EV3_str	BOBJ1	91	After	Interior Girder 5	11	0.95	1	1	1.712385
EV3_str	BOBJ1	91	After	Interior Girder 6	11	0.95	1	1	1.640707
EV3_str	BOBJ1	96	Before	Left Exterior Girder	16	0.95	1	1	4.985978
EV3_str	BOBJ1	96	Before	Interior Girder 1	16	0.95	1	1	2.240111
EV3_str	BOBJ1	96	Before	Interior Girder 2	16	0.95	1	1	2.350313
EV3_str	BOBJ1	96	Before	Interior Girder 3	16	0.95	1	1	2.464231
EV3_str	BOBJ1	96	Before	Interior Girder 4	16	0.95	1	1	2.463104
EV3_str	BOBJ1	96	Before	Interior Girder 5	16	0.95	1	1	2.348506
EV3_str	BOBJ1	96	Before	Interior Girder 6	16	0.95	1	1	2.240299
EV3_str	BOBJ1	96	Before	Right Exterior Girder	16	0.95	1	1	4.98962
EV3_str	BOBJ1	96	After	Left Exterior Girder	16	0.95	1	1	2.427353
EV3_str	BOBJ1	96	After	Interior Girder 1	16	0.95	1	1	2.647634
EV3_str	BOBJ1	96	After	Interior Girder 2	16	0.95	1	1	2.748237
EV3_str	BOBJ1	96	After	Interior Girder 3	16	0.95	1	1	2.844168
EV3_str	BOBJ1	96	After	Interior Girder 4	16	0.95	1	1	2.842994
EV3_str	BOBJ1	96	After	Interior Girder 5	16	0.95	1	1	2.745934
EV3_str	BOBJ1	96	After	Interior Girder 6	16	0.95	1	1	2.647977
EV3_str	BOBJ1	96	After	Right Exterior Girder	16	0.95	1	1	2.429219
EV3_str	BOBJ1	104	Before	Left Exterior Girder	24	0.95	1	1	2.245801
EV3_str	BOBJ1	104	Before	Interior Girder 1	24	0.95	1	1	1.795614
EV3_str	BOBJ1	104	Before	Interior Girder 2	24	0.95	1	1	1.710526
EV3_str	BOBJ1	104	Before	Interior Girder 3	24	0.95	1	1	1.673969
EV3_str	BOBJ1	104	Before	Interior Girder 4	24	0.95	1	1	1.6843
EV3_str	BOBJ1	104	Before	Interior Girder 5	24	0.95	1	1	1.706699
EV3_str	BOBJ1	104	Before	Interior Girder 6	24	0.95	1	1	1.800815
EV3_str	BOBJ1	104	Before	Right Exterior Girder	24	0.95	1	1	2.247955
EV3_str	BOBJ1	104	After	Left Exterior Girder	24	0.95	1	1	2.304993
EV3_str	BOBJ1	104	After	Interior Girder 1	24	0.95	1	1	1.763982
EV3_str	BOBJ1	104	After	Interior Girder 2	24	0.95	1	1	1.706571
EV3_str	BOBJ1	104	After	Interior Girder 3	24	0.95	1	1	1.691907
EV3_str	BOBJ1	104	After	Interior Girder 4	24	0.95	1	1	1.704114
EV3_str	BOBJ1	104	After	Interior Girder 5	24	0.95	1	1	1.70417
EV3_str	BOBJ1	104	After	Interior Girder 6	24	0.95	1	1	1.768965
EV3_str	BOBJ1	104	After	Right Exterior Girder	24	0.95	1	1	2.307048
EV3_str	BOBJ1	112	Before	Left Exterior Girder	32	0.95	1	1	1.47892
EV3_str	BOBJ1	112	Before	Interior Girder 1	32	0.95	1	1	1.405929
EV3_str	BOBJ1	112	Before	Interior Girder 2	32	0.95	1	1	1.380077
EV3_str	BOBJ1	112	Before	Interior Girder 3	32	0.95	1	1	1.411115
EV3_str	BOBJ1	112	Before	Interior Girder 4	32	0.95	1	1	1.411843
EV3_str	BOBJ1	112	Before	Interior Girder 5	32	0.95	1	1	1.379933

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelINonCompStrgth-Flx - Approach, Span 4-E									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
EV3_str	BOBJ1	112	Before	Interior Girder 6	32	0.95	1	1	1.405657
EV3_str	BOBJ1	112	Before	Right Exterior Girder	32	0.95	1	1	1.48085
EV3_str	BOBJ1	112	After	Left Exterior Girder	32	0.95	1	1	1.501764
EV3_str	BOBJ1	112	After	Interior Girder 1	32	0.95	1	1	1.391488
EV3_str	BOBJ1	112	After	Interior Girder 2	32	0.95	1	1	1.374648
EV3_str	BOBJ1	112	After	Interior Girder 3	32	0.95	1	1	1.411364
EV3_str	BOBJ1	112	After	Interior Girder 4	32	0.95	1	1	1.411905
EV3_str	BOBJ1	112	After	Interior Girder 5	32	0.95	1	1	1.375072
EV3_str	BOBJ1	112	After	Interior Girder 6	32	0.95	1	1	1.391272
EV3_str	BOBJ1	112	After	Right Exterior Girder	32	0.95	1	1	1.503647
EV3_str	BOBJ1	120	Before	Left Exterior Girder	40	0.95	1	1	1.386831
EV3_str	BOBJ1	120	Before	Interior Girder 1	40	0.95	1	1	1.20988
EV3_str	BOBJ1	120	Before	Interior Girder 2	40	0.95	1	1	1.209199
EV3_str	BOBJ1	120	Before	Interior Girder 3	40	0.95	1	1	1.220697
EV3_str	BOBJ1	120	Before	Interior Girder 4	40	0.95	1	1	1.226513
EV3_str	BOBJ1	120	Before	Interior Girder 5	40	0.95	1	1	1.206369
EV3_str	BOBJ1	120	Before	Interior Girder 6	40	0.95	1	1	1.212657
EV3_str	BOBJ1	120	Before	Right Exterior Girder	40	0.95	1	1	1.388015
EV3_str	BOBJ1	120	After	Left Exterior Girder	40	0.95	1	1	1.388564
EV3_str	BOBJ1	120	After	Interior Girder 1	40	0.95	1	1	1.208667
EV3_str	BOBJ1	120	After	Interior Girder 2	40	0.95	1	1	1.208919
EV3_str	BOBJ1	120	After	Interior Girder 3	40	0.95	1	1	1.220852
EV3_str	BOBJ1	120	After	Interior Girder 4	40	0.95	1	1	1.226633
EV3_str	BOBJ1	120	After	Interior Girder 5	40	0.95	1	1	1.206065
EV3_str	BOBJ1	120	After	Interior Girder 6	40	0.95	1	1	1.211431
EV3_str	BOBJ1	120	After	Right Exterior Girder	40	0.95	1	1	1.389748
EV3_str	BOBJ1	128	Before	Left Exterior Girder	48	0.95	1	1	1.475984
EV3_str	BOBJ1	128	Before	Interior Girder 1	48	0.95	1	1	1.380596
EV3_str	BOBJ1	128	Before	Interior Girder 2	48	0.95	1	1	1.365637
EV3_str	BOBJ1	128	Before	Interior Girder 3	48	0.95	1	1	1.403281
EV3_str	BOBJ1	128	Before	Interior Girder 4	48	0.95	1	1	1.403814
EV3_str	BOBJ1	128	Before	Interior Girder 5	48	0.95	1	1	1.36602
EV3_str	BOBJ1	128	Before	Interior Girder 6	48	0.95	1	1	1.380375
EV3_str	BOBJ1	128	Before	Right Exterior Girder	48	0.95	1	1	1.477829
EV3_str	BOBJ1	128	After	Left Exterior Girder	48	0.95	1	1	1.45679
EV3_str	BOBJ1	128	After	Interior Girder 1	48	0.95	1	1	1.39169
EV3_str	BOBJ1	128	After	Interior Girder 2	48	0.95	1	1	1.37095
EV3_str	BOBJ1	128	After	Interior Girder 3	48	0.95	1	1	1.403702
EV3_str	BOBJ1	128	After	Interior Girder 4	48	0.95	1	1	1.40438
EV3_str	BOBJ1	128	After	Interior Girder 5	48	0.95	1	1	1.37076
EV3_str	BOBJ1	128	After	Interior Girder 6	48	0.95	1	1	1.391417
EV3_str	BOBJ1	128	After	Right Exterior Girder	48	0.95	1	1	1.458682
EV3_str	BOBJ1	136	Before	Left Exterior Girder	56	0.95	1	1	2.222328
EV3_str	BOBJ1	136	Before	Interior Girder 1	56	0.95	1	1	1.736271
EV3_str	BOBJ1	136	Before	Interior Girder 2	56	0.95	1	1	1.685851
EV3_str	BOBJ1	136	Before	Interior Girder 3	56	0.95	1	1	1.6737
EV3_str	BOBJ1	136	Before	Interior Girder 4	56	0.95	1	1	1.685575
EV3_str	BOBJ1	136	Before	Interior Girder 5	56	0.95	1	1	1.683404
EV3_str	BOBJ1	136	Before	Interior Girder 6	56	0.95	1	1	1.741113
EV3_str	BOBJ1	136	Before	Right Exterior Girder	56	0.95	1	1	2.224321
EV3_str	BOBJ1	136	After	Left Exterior Girder	56	0.95	1	1	2.168731
EV3_str	BOBJ1	136	After	Interior Girder 1	56	0.95	1	1	1.764773
EV3_str	BOBJ1	136	After	Interior Girder 2	56	0.95	1	1	1.689974
EV3_str	BOBJ1	136	After	Interior Girder 3	56	0.95	1	1	1.657411
EV3_str	BOBJ1	136	After	Interior Girder 4	56	0.95	1	1	1.667423
EV3_str	BOBJ1	136	After	Interior Girder 5	56	0.95	1	1	1.68613
EV3_str	BOBJ1	136	After	Interior Girder 6	56	0.95	1	1	1.769812
EV3_str	BOBJ1	136	After	Right Exterior Girder	56	0.95	1	1	2.170811
EV3_str	BOBJ1	144	Before	Left Exterior Girder	64	0.95	1	1	2.40304
EV3_str	BOBJ1	144	Before	Interior Girder 1	64	0.95	1	1	2.604587
EV3_str	BOBJ1	144	Before	Interior Girder 2	64	0.95	1	1	2.724663
EV3_str	BOBJ1	144	Before	Interior Girder 3	64	0.95	1	1	2.842933
EV3_str	BOBJ1	144	Before	Interior Girder 4	64	0.95	1	1	2.841843
EV3_str	BOBJ1	144	Before	Interior Girder 5	64	0.95	1	1	2.722533
EV3_str	BOBJ1	144	Before	Interior Girder 6	64	0.95	1	1	2.60485

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelINonCompStrgth-Flx - Approach, Span 4-E									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
EV3_str	BOBJ1	144	Before	Right Exterior Girder	64	0.95	1	1	2.4048
EV3_str	BOBJ1	144	After	Left Exterior Girder	64	0.95	1	1	4.542679
EV3_str	BOBJ1	144	After	Interior Girder 1	64	0.95	1	1	2.198744
EV3_str	BOBJ1	144	After	Interior Girder 2	64	0.95	1	1	2.32969
EV3_str	BOBJ1	144	After	Interior Girder 3	64	0.95	1	1	2.462858
EV3_str	BOBJ1	144	After	Interior Girder 4	64	0.95	1	1	2.461792
EV3_str	BOBJ1	144	After	Interior Girder 5	64	0.95	1	1	2.328021
EV3_str	BOBJ1	144	After	Interior Girder 6	64	0.95	1	1	2.198913
EV3_str	BOBJ1	144	After	Right Exterior Girder	64	0.95	1	1	4.545842
EV3_str	BOBJ1	150	Before	Interior Girder 1	70	0.95	1	1	1.498712
EV3_str	BOBJ1	150	Before	Interior Girder 2	70	0.95	1	1	1.582327
EV3_str	BOBJ1	150	Before	Interior Girder 3	70	0.95	1	1	1.526697
EV3_str	BOBJ1	150	Before	Interior Girder 4	70	0.95	1	1	1.526062
EV3_str	BOBJ1	150	Before	Interior Girder 5	70	0.95	1	1	1.5805
EV3_str	BOBJ1	150	Before	Interior Girder 6	70	0.95	1	1	1.499143
EV3_str	BOBJ1	150	After	Interior Girder 1	70	0.95	1	1	3.5335
EV3_str	BOBJ1	150	After	Interior Girder 2	70	0.95	1	1	3.62038
EV3_str	BOBJ1	150	After	Interior Girder 3	70	0.95	1	1	3.54203
EV3_str	BOBJ1	150	After	Interior Girder 4	70	0.95	1	1	3.54027
EV3_str	BOBJ1	150	After	Interior Girder 5	70	0.95	1	1	3.616356
EV3_str	BOBJ1	150	After	Interior Girder 6	70	0.95	1	1	3.534341
EV3_str	BOBJ1	152	Before	Left Exterior Girder	72	0.95	1	1	3.024559
EV3_str	BOBJ1	152	Before	Interior Girder 1	72	0.95	1	1	3.231413
EV3_str	BOBJ1	152	Before	Interior Girder 2	72	0.95	1	1	3.30267
EV3_str	BOBJ1	152	Before	Interior Girder 3	72	0.95	1	1	3.156023
EV3_str	BOBJ1	152	Before	Interior Girder 4	72	0.95	1	1	3.154646
EV3_str	BOBJ1	152	Before	Interior Girder 5	72	0.95	1	1	3.298579
EV3_str	BOBJ1	152	Before	Interior Girder 6	72	0.95	1	1	3.232444
EV3_str	BOBJ1	152	Before	Right Exterior Girder	72	0.95	1	1	3.027341
EV3_str	BOBJ1	152	After	Left Exterior Girder	72	0.95	1	1	3.034013
EV3_str	BOBJ1	152	After	Interior Girder 1	72	0.95	1	1	3.206142
EV3_str	BOBJ1	152	After	Interior Girder 2	72	0.95	1	1	3.264807
EV3_str	BOBJ1	152	After	Interior Girder 3	72	0.95	1	1	3.136918
EV3_str	BOBJ1	152	After	Interior Girder 4	72	0.95	1	1	3.135273
EV3_str	BOBJ1	152	After	Interior Girder 5	72	0.95	1	1	3.260608
EV3_str	BOBJ1	152	After	Interior Girder 6	72	0.95	1	1	3.207207
EV3_str	BOBJ1	152	After	Right Exterior Girder	72	0.95	1	1	3.036885
EV3_str	BOBJ1	154	Before	Left Exterior Girder	74	0.95	1	1	2.653773
EV3_str	BOBJ1	154	Before	Right Exterior Girder	74	0.95	1	1	2.656444
EV3_str	BOBJ1	154	After	Left Exterior Girder	74	0.95	1	1	4.163197
EV3_str	BOBJ1	154	After	Right Exterior Girder	74	0.95	1	1	4.167473
EV3_str	BOBJ1	160	Before	Left Exterior Girder	80	0.95	1	1	2.868208
EV3_str	BOBJ1	160	Before	Interior Girder 1	80	0.95	1	1	2.068844
EV3_str	BOBJ1	160	Before	Interior Girder 2	80	0.95	1	1	2.045785
EV3_str	BOBJ1	160	Before	Interior Girder 3	80	0.95	1	1	1.690559
EV3_str	BOBJ1	160	Before	Interior Girder 4	80	0.95	1	1	1.694652
EV3_str	BOBJ1	160	Before	Interior Girder 5	80	0.95	1	1	2.039729
EV3_str	BOBJ1	160	Before	Interior Girder 6	80	0.95	1	1	2.069899
EV3_str	BOBJ1	160	Before	Right Exterior Girder	80	0.95	1	1	2.871149
EV3_str	BOBJ1	160	After	Left Exterior Girder	0	0.95	1	1	2.835888
EV3_str	BOBJ1	160	After	Interior Girder 1	0	0.95	1	1	2.017778
EV3_str	BOBJ1	160	After	Interior Girder 2	0	0.95	1	1	2.000026
EV3_str	BOBJ1	160	After	Interior Girder 3	0	0.95	1	1	1.65483
EV3_str	BOBJ1	160	After	Interior Girder 4	0	0.95	1	1	1.657726
EV3_str	BOBJ1	160	After	Interior Girder 5	0	0.95	1	1	1.995506
EV3_str	BOBJ1	160	After	Interior Girder 6	0	0.95	1	1	2.021232
EV3_str	BOBJ1	160	After	Right Exterior Girder	0	0.95	1	1	2.83928
EV3_str	BOBJ1	166	Before	Left Exterior Girder	6	0.95	1	1	4.245819
EV3_str	BOBJ1	166	Before	Right Exterior Girder	6	0.95	1	1	4.250245
EV3_str	BOBJ1	166	After	Left Exterior Girder	6	0.95	1	1	2.742368
EV3_str	BOBJ1	166	After	Right Exterior Girder	6	0.95	1	1	2.745199
EV3_str	BOBJ1	168	Before	Left Exterior Girder	8	0.95	1	1	3.155646
EV3_str	BOBJ1	168	Before	Interior Girder 1	8	0.95	1	1	3.483925
EV3_str	BOBJ1	168	Before	Interior Girder 2	8	0.95	1	1	3.536318
EV3_str	BOBJ1	168	Before	Interior Girder 3	8	0.95	1	1	3.405475

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelINonCompStrgth-Flx - Approach, Span 4-E									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
EV3_str	BOBJ1	168	Before	Interior Girder 4	8	0.95	1	1	3.403535
EV3_str	BOBJ1	168	Before	Interior Girder 5	8	0.95	1	1	3.531759
EV3_str	BOBJ1	168	Before	Interior Girder 6	8	0.95	1	1	3.48514
EV3_str	BOBJ1	168	Before	Right Exterior Girder	8	0.95	1	1	3.158789
EV3_str	BOBJ1	168	After	Left Exterior Girder	8	0.95	1	1	3.119206
EV3_str	BOBJ1	168	After	Interior Girder 1	8	0.95	1	1	3.545236
EV3_str	BOBJ1	168	After	Interior Girder 2	8	0.95	1	1	3.579424
EV3_str	BOBJ1	168	After	Interior Girder 3	8	0.95	1	1	3.428878
EV3_str	BOBJ1	168	After	Interior Girder 4	8	0.95	1	1	3.427213
EV3_str	BOBJ1	168	After	Interior Girder 5	8	0.95	1	1	3.574969
EV3_str	BOBJ1	168	After	Interior Girder 6	8	0.95	1	1	3.546441
EV3_str	BOBJ1	168	After	Right Exterior Girder	8	0.95	1	1	3.122258
EV3_str	BOBJ1	170	Before	Interior Girder 1	10	0.95	1	1	3.905292
EV3_str	BOBJ1	170	Before	Interior Girder 2	10	0.95	1	1	3.944507
EV3_str	BOBJ1	170	Before	Interior Girder 3	10	0.95	1	1	3.866051
EV3_str	BOBJ1	170	Before	Interior Girder 4	10	0.95	1	1	3.864089
EV3_str	BOBJ1	170	Before	Interior Girder 5	10	0.95	1	1	3.940104
EV3_str	BOBJ1	170	Before	Interior Girder 6	10	0.95	1	1	3.906292
EV3_str	BOBJ1	170	After	Interior Girder 1	10	0.95	1	1	1.832356
EV3_str	BOBJ1	170	After	Interior Girder 2	10	0.95	1	1	1.899824
EV3_str	BOBJ1	170	After	Interior Girder 3	10	0.95	1	1	1.833698
EV3_str	BOBJ1	170	After	Interior Girder 4	10	0.95	1	1	1.832862
EV3_str	BOBJ1	170	After	Interior Girder 5	10	0.95	1	1	1.897604
EV3_str	BOBJ1	170	After	Interior Girder 6	10	0.95	1	1	1.83292
EV3_str	BOBJ1	176	Before	Left Exterior Girder	16	0.95	1	1	4.630768
EV3_str	BOBJ1	176	Before	Interior Girder 1	16	0.95	1	1	2.62095
EV3_str	BOBJ1	176	Before	Interior Girder 2	16	0.95	1	1	2.28111
EV3_str	BOBJ1	176	Before	Interior Girder 3	16	0.95	1	1	2.225912
EV3_str	BOBJ1	176	Before	Interior Girder 4	16	0.95	1	1	2.231414
EV3_str	BOBJ1	176	Before	Interior Girder 5	16	0.95	1	1	2.281973
EV3_str	BOBJ1	176	Before	Interior Girder 6	16	0.95	1	1	2.620953
EV3_str	BOBJ1	176	Before	Right Exterior Girder	16	0.95	1	1	4.634712
EV3_str	BOBJ1	176	After	Left Exterior Girder	16	0.95	1	1	4.809347
EV3_str	BOBJ1	176	After	Interior Girder 1	16	0.95	1	1	2.574597
EV3_str	BOBJ1	176	After	Interior Girder 2	16	0.95	1	1	2.264009
EV3_str	BOBJ1	176	After	Interior Girder 3	16	0.95	1	1	2.252584
EV3_str	BOBJ1	176	After	Interior Girder 4	16	0.95	1	1	2.255363
EV3_str	BOBJ1	176	After	Interior Girder 5	16	0.95	1	1	2.264607
EV3_str	BOBJ1	176	After	Interior Girder 6	16	0.95	1	1	2.571818
EV3_str	BOBJ1	176	After	Right Exterior Girder	16	0.95	1	1	4.813462
EV3_str	BOBJ1	181	Before	Interior Girder 1	21	0.95	1	1	1.484193
EV3_str	BOBJ1	181	Before	Interior Girder 2	21	0.95	1	1	1.408944
EV3_str	BOBJ1	181	Before	Interior Girder 3	21	0.95	1	1	1.381916
EV3_str	BOBJ1	181	Before	Interior Girder 4	21	0.95	1	1	1.389575
EV3_str	BOBJ1	181	Before	Interior Girder 5	21	0.95	1	1	1.405831
EV3_str	BOBJ1	181	Before	Interior Girder 6	21	0.95	1	1	1.488017
EV3_str	BOBJ1	181	After	Interior Girder 1	21	0.95	1	1	2.649674
EV3_str	BOBJ1	181	After	Interior Girder 2	21	0.95	1	1	2.489414
EV3_str	BOBJ1	181	After	Interior Girder 3	21	0.95	1	1	2.504226
EV3_str	BOBJ1	181	After	Interior Girder 4	21	0.95	1	1	2.51773
EV3_str	BOBJ1	181	After	Interior Girder 5	21	0.95	1	1	2.483975
EV3_str	BOBJ1	181	After	Interior Girder 6	21	0.95	1	1	2.655651
EV3_str	BOBJ1	184	Before	Left Exterior Girder	24	0.95	1	1	2.669465
EV3_str	BOBJ1	184	Before	Interior Girder 1	24	0.95	1	1	2.17739
EV3_str	BOBJ1	184	Before	Interior Girder 2	24	0.95	1	1	2.082567
EV3_str	BOBJ1	184	Before	Interior Girder 3	24	0.95	1	1	2.090519
EV3_str	BOBJ1	184	Before	Interior Girder 4	24	0.95	1	1	2.099081
EV3_str	BOBJ1	184	Before	Interior Girder 5	24	0.95	1	1	2.07701
EV3_str	BOBJ1	184	Before	Interior Girder 6	24	0.95	1	1	2.182501
EV3_str	BOBJ1	184	Before	Right Exterior Girder	24	0.95	1	1	2.671677
EV3_str	BOBJ1	184	After	Left Exterior Girder	24	0.95	1	1	2.734239
EV3_str	BOBJ1	184	After	Interior Girder 1	24	0.95	1	1	2.150532
EV3_str	BOBJ1	184	After	Interior Girder 2	24	0.95	1	1	2.077913
EV3_str	BOBJ1	184	After	Interior Girder 3	24	0.95	1	1	2.102065
EV3_str	BOBJ1	184	After	Interior Girder 4	24	0.95	1	1	2.114888

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelINonCompStrgth-Flx - Approach, Span 4-E									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
EV3_str	BOBJ1	184	After	Interior Girder 5	24	0.95	1	1	2.073292
EV3_str	BOBJ1	184	After	Interior Girder 6	24	0.95	1	1	2.155332
EV3_str	BOBJ1	184	After	Right Exterior Girder	24	0.95	1	1	2.736367
EV3_str	BOBJ1	192	Before	Left Exterior Girder	32	0.95	1	1	1.732564
EV3_str	BOBJ1	192	Before	Interior Girder 1	32	0.95	1	1	1.530487
EV3_str	BOBJ1	192	Before	Interior Girder 2	32	0.95	1	1	1.535605
EV3_str	BOBJ1	192	Before	Interior Girder 3	32	0.95	1	1	1.58037
EV3_str	BOBJ1	192	Before	Interior Girder 4	32	0.95	1	1	1.581463
EV3_str	BOBJ1	192	Before	Interior Girder 5	32	0.95	1	1	1.534459
EV3_str	BOBJ1	192	Before	Interior Girder 6	32	0.95	1	1	1.530369
EV3_str	BOBJ1	192	Before	Right Exterior Girder	32	0.95	1	1	1.734636
EV3_str	BOBJ1	192	After	Left Exterior Girder	32	0.95	1	1	1.767053
EV3_str	BOBJ1	192	After	Interior Girder 1	32	0.95	1	1	1.509958
EV3_str	BOBJ1	192	After	Interior Girder 2	32	0.95	1	1	1.528338
EV3_str	BOBJ1	192	After	Interior Girder 3	32	0.95	1	1	1.577338
EV3_str	BOBJ1	192	After	Interior Girder 4	32	0.95	1	1	1.578777
EV3_str	BOBJ1	192	After	Interior Girder 5	32	0.95	1	1	1.527616
EV3_str	BOBJ1	192	After	Interior Girder 6	32	0.95	1	1	1.509907
EV3_str	BOBJ1	192	After	Right Exterior Girder	32	0.95	1	1	1.76908
EV3_str	BOBJ1	200	Before	Left Exterior Girder	40	0.95	1	1	1.454154
EV3_str	BOBJ1	200	Before	Interior Girder 1	40	0.95	1	1	1.189978
EV3_str	BOBJ1	200	Before	Interior Girder 2	40	0.95	1	1	1.217959
EV3_str	BOBJ1	200	Before	Interior Girder 3	40	0.95	1	1	1.264211
EV3_str	BOBJ1	200	Before	Interior Girder 4	40	0.95	1	1	1.268053
EV3_str	BOBJ1	200	Before	Interior Girder 5	40	0.95	1	1	1.215432
EV3_str	BOBJ1	200	Before	Interior Girder 6	40	0.95	1	1	1.192293
EV3_str	BOBJ1	200	Before	Right Exterior Girder	40	0.95	1	1	1.455371
EV3_str	BOBJ1	200	After	Left Exterior Girder	40	0.95	1	1	1.466172
EV3_str	BOBJ1	200	After	Interior Girder 1	40	0.95	1	1	1.182372
EV3_str	BOBJ1	200	After	Interior Girder 2	40	0.95	1	1	1.217531
EV3_str	BOBJ1	200	After	Interior Girder 3	40	0.95	1	1	1.263159
EV3_str	BOBJ1	200	After	Interior Girder 4	40	0.95	1	1	1.26872
EV3_str	BOBJ1	200	After	Interior Girder 5	40	0.95	1	1	1.21502
EV3_str	BOBJ1	200	After	Interior Girder 6	40	0.95	1	1	1.184652
EV3_str	BOBJ1	200	After	Right Exterior Girder	40	0.95	1	1	1.467376
EV3_str	BOBJ1	208	Before	Left Exterior Girder	48	0.95	1	1	1.346221
EV3_str	BOBJ1	208	Before	Interior Girder 1	48	0.95	1	1	1.149557
EV3_str	BOBJ1	208	Before	Interior Girder 2	48	0.95	1	1	1.192785
EV3_str	BOBJ1	208	Before	Interior Girder 3	48	0.95	1	1	1.244565
EV3_str	BOBJ1	208	Before	Interior Girder 4	48	0.95	1	1	1.24527
EV3_str	BOBJ1	208	Before	Interior Girder 5	48	0.95	1	1	1.192018
EV3_str	BOBJ1	208	Before	Interior Girder 6	48	0.95	1	1	1.14951
EV3_str	BOBJ1	208	Before	Right Exterior Girder	48	0.95	1	1	1.347706
EV3_str	BOBJ1	208	After	Left Exterior Girder	48	0.95	1	1	1.340426
EV3_str	BOBJ1	208	After	Interior Girder 1	48	0.95	1	1	1.149974
EV3_str	BOBJ1	208	After	Interior Girder 2	48	0.95	1	1	1.194898
EV3_str	BOBJ1	208	After	Interior Girder 3	48	0.95	1	1	1.244708
EV3_str	BOBJ1	208	After	Interior Girder 4	48	0.95	1	1	1.245182
EV3_str	BOBJ1	208	After	Interior Girder 5	48	0.95	1	1	1.194068
EV3_str	BOBJ1	208	After	Interior Girder 6	48	0.95	1	1	1.149899
EV3_str	BOBJ1	208	After	Right Exterior Girder	48	0.95	1	1	1.342073
EV3_str	BOBJ1	216	Before	Left Exterior Girder	56	0.95	1	1	1.578371
EV3_str	BOBJ1	216	Before	Interior Girder 1	56	0.95	1	1	1.255071
EV3_str	BOBJ1	216	Before	Interior Girder 2	56	0.95	1	1	1.2779
EV3_str	BOBJ1	216	Before	Interior Girder 3	56	0.95	1	1	1.316488
EV3_str	BOBJ1	216	Before	Interior Girder 4	56	0.95	1	1	1.322353
EV3_str	BOBJ1	216	Before	Interior Girder 5	56	0.95	1	1	1.275109
EV3_str	BOBJ1	216	Before	Interior Girder 6	56	0.95	1	1	1.257454
EV3_str	BOBJ1	216	Before	Right Exterior Girder	56	0.95	1	1	1.579632
EV3_str	BOBJ1	216	After	Left Exterior Girder	56	0.95	1	1	1.554353
EV3_str	BOBJ1	216	After	Interior Girder 1	56	0.95	1	1	1.262812
EV3_str	BOBJ1	216	After	Interior Girder 2	56	0.95	1	1	1.280577
EV3_str	BOBJ1	216	After	Interior Girder 3	56	0.95	1	1	1.305577
EV3_str	BOBJ1	216	After	Interior Girder 4	56	0.95	1	1	1.309455
EV3_str	BOBJ1	216	After	Interior Girder 5	56	0.95	1	1	1.277716

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelINonCompStrgth-Flx - Approach, Span 4-E									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
EV3_str	BOBJ1	216	After	Interior Girder 6	56	0.95	1	1	1.265367
EV3_str	BOBJ1	216	After	Right Exterior Girder	56	0.95	1	1	1.55569
EV3_str	BOBJ1	224	Before	Left Exterior Girder	64	0.95	1	1	2.116413
EV3_str	BOBJ1	224	Before	Interior Girder 1	64	0.95	1	1	1.775403
EV3_str	BOBJ1	224	Before	Interior Girder 2	64	0.95	1	1	1.751867
EV3_str	BOBJ1	224	Before	Interior Girder 3	64	0.95	1	1	1.80215
EV3_str	BOBJ1	224	Before	Interior Girder 4	64	0.95	1	1	1.803246
EV3_str	BOBJ1	224	Before	Interior Girder 5	64	0.95	1	1	1.752176
EV3_str	BOBJ1	224	Before	Interior Girder 6	64	0.95	1	1	1.775201
EV3_str	BOBJ1	224	Before	Right Exterior Girder	64	0.95	1	1	2.118767
EV3_str	BOBJ1	224	After	Left Exterior Girder	64	0.95	1	1	2.062836
EV3_str	BOBJ1	224	After	Interior Girder 1	64	0.95	1	1	1.797635
EV3_str	BOBJ1	224	After	Interior Girder 2	64	0.95	1	1	1.74969
EV3_str	BOBJ1	224	After	Interior Girder 3	64	0.95	1	1	1.766923
EV3_str	BOBJ1	224	After	Interior Girder 4	64	0.95	1	1	1.767334
EV3_str	BOBJ1	224	After	Interior Girder 5	64	0.95	1	1	1.74885
EV3_str	BOBJ1	224	After	Interior Girder 6	64	0.95	1	1	1.797486
EV3_str	BOBJ1	224	After	Right Exterior Girder	64	0.95	1	1	2.065322
EV3_str	BOBJ1	232	Before	Left Exterior Girder	72	0.95	1	1	4.405511
EV3_str	BOBJ1	232	Before	Interior Girder 1	72	0.95	1	1	3.212363
EV3_str	BOBJ1	232	Before	Interior Girder 2	72	0.95	1	1	3.028532
EV3_str	BOBJ1	232	Before	Interior Girder 3	72	0.95	1	1	3.012393
EV3_str	BOBJ1	232	Before	Interior Girder 4	72	0.95	1	1	3.028593
EV3_str	BOBJ1	232	Before	Interior Girder 5	72	0.95	1	1	3.023628
EV3_str	BOBJ1	232	Before	Interior Girder 6	72	0.95	1	1	3.221469
EV3_str	BOBJ1	232	Before	Right Exterior Girder	72	0.95	1	1	4.410086
EV3_str	BOBJ1	232	After	Left Exterior Girder	72	0.95	1	1	4.378611
EV3_str	BOBJ1	232	After	Interior Girder 1	72	0.95	1	1	3.19558
EV3_str	BOBJ1	232	After	Interior Girder 2	72	0.95	1	1	2.990139
EV3_str	BOBJ1	232	After	Interior Girder 3	72	0.95	1	1	2.887755
EV3_str	BOBJ1	232	After	Interior Girder 4	72	0.95	1	1	2.903136
EV3_str	BOBJ1	232	After	Interior Girder 5	72	0.95	1	1	2.982723
EV3_str	BOBJ1	232	After	Interior Girder 6	72	0.95	1	1	3.20678
EV3_str	BOBJ1	232	After	Right Exterior Girder	72	0.95	1	1	4.383602
EV3_str	BOBJ1	240	Before	Left Exterior Girder	80	0.95	1	1	41.232782
EV3_str	BOBJ1	240	Before	Interior Girder 1	80	0.95	1	1	23.870707
EV3_str	BOBJ1	240	Before	Interior Girder 2	80	0.95	1	1	20.050516
EV3_str	BOBJ1	240	Before	Interior Girder 3	80	0.95	1	1	13.879397
EV3_str	BOBJ1	240	Before	Interior Girder 4	80	0.95	1	1	14.034775
EV3_str	BOBJ1	240	Before	Interior Girder 5	80	0.95	1	1	19.832078
EV3_str	BOBJ1	240	Before	Interior Girder 6	80	0.95	1	1	23.870707
EV3_str	BOBJ1	240	Before	Right Exterior Girder	80	0.95	1	1	40.994993
EV3-Neg_str	BOBJ1	0	After	Left Exterior Girder	0	0.95	1	1	276.638117
EV3-Neg_str	BOBJ1	0	After	Interior Girder 1	0	0.95	1	1	479.982633
EV3-Neg_str	BOBJ1	0	After	Interior Girder 2	0	0.95	1	1	275.551657
EV3-Neg_str	BOBJ1	0	After	Interior Girder 3	0	0.95	1	1	168.178831
EV3-Neg_str	BOBJ1	0	After	Interior Girder 4	0	0.95	1	1	169.236755
EV3-Neg_str	BOBJ1	0	After	Interior Girder 5	0	0.95	1	1	271.161525
EV3-Neg_str	BOBJ1	0	After	Interior Girder 6	0	0.95	1	1	479.982632
EV3-Neg_str	BOBJ1	0	After	Right Exterior Girder	0	0.95	1	1	284.151036
EV3-Neg_str	BOBJ1	8	Before	Left Exterior Girder	8	0.95	1	1	36.399884
EV3-Neg_str	BOBJ1	8	Before	Interior Girder 1	8	0.95	1	1	48.21715
EV3-Neg_str	BOBJ1	8	Before	Interior Girder 2	8	0.95	1	1	61.102175
EV3-Neg_str	BOBJ1	8	Before	Interior Girder 3	8	0.95	1	1	62.350094
EV3-Neg_str	BOBJ1	8	Before	Interior Girder 4	8	0.95	1	1	62.392724
EV3-Neg_str	BOBJ1	8	Before	Interior Girder 5	8	0.95	1	1	61.125918
EV3-Neg_str	BOBJ1	8	Before	Interior Girder 6	8	0.95	1	1	48.233303
EV3-Neg_str	BOBJ1	8	Before	Right Exterior Girder	8	0.95	1	1	36.462473
EV3-Neg_str	BOBJ1	8	After	Left Exterior Girder	8	0.95	1	1	35.820372
EV3-Neg_str	BOBJ1	8	After	Interior Girder 1	8	0.95	1	1	43.999626
EV3-Neg_str	BOBJ1	8	After	Interior Girder 2	8	0.95	1	1	59.730023
EV3-Neg_str	BOBJ1	8	After	Interior Girder 3	8	0.95	1	1	63.422906
EV3-Neg_str	BOBJ1	8	After	Interior Girder 4	8	0.95	1	1	63.465361
EV3-Neg_str	BOBJ1	8	After	Interior Girder 5	8	0.95	1	1	59.731783
EV3-Neg_str	BOBJ1	8	After	Interior Girder 6	8	0.95	1	1	44.014342

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelINonCompStrgth-Flx - Approach, Span 4-E									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
EV3-Neg_str	BOBJ1	8	After	Right Exterior Girder	8	0.95	1	1	35.874949
EV3-Neg_str	BOBJ1	16	Before	Left Exterior Girder	16	0.95	1	1	20.004685
EV3-Neg_str	BOBJ1	16	Before	Interior Girder 1	16	0.95	1	1	25.905598
EV3-Neg_str	BOBJ1	16	Before	Interior Girder 2	16	0.95	1	1	32.904618
EV3-Neg_str	BOBJ1	16	Before	Interior Girder 3	16	0.95	1	1	34.314202
EV3-Neg_str	BOBJ1	16	Before	Interior Girder 4	16	0.95	1	1	34.329441
EV3-Neg_str	BOBJ1	16	Before	Interior Girder 5	16	0.95	1	1	32.930397
EV3-Neg_str	BOBJ1	16	Before	Interior Girder 6	16	0.95	1	1	25.910698
EV3-Neg_str	BOBJ1	16	Before	Right Exterior Girder	16	0.95	1	1	20.036207
EV3-Neg_str	BOBJ1	16	After	Left Exterior Girder	16	0.95	1	1	19.172581
EV3-Neg_str	BOBJ1	16	After	Interior Girder 1	16	0.95	1	1	24.600182
EV3-Neg_str	BOBJ1	16	After	Interior Girder 2	16	0.95	1	1	31.19428
EV3-Neg_str	BOBJ1	16	After	Interior Girder 3	16	0.95	1	1	33.123861
EV3-Neg_str	BOBJ1	16	After	Interior Girder 4	16	0.95	1	1	33.139988
EV3-Neg_str	BOBJ1	16	After	Interior Girder 5	16	0.95	1	1	31.22173
EV3-Neg_str	BOBJ1	16	After	Interior Girder 6	16	0.95	1	1	24.605645
EV3-Neg_str	BOBJ1	16	After	Right Exterior Girder	16	0.95	1	1	19.196734
EV3-Neg_str	BOBJ1	20.5	Before	Left Exterior Girder	20.5	0.95	1	1	16.129414
EV3-Neg_str	BOBJ1	20.5	Before	Right Exterior Girder	20.5	0.95	1	1	16.13334
EV3-Neg_str	BOBJ1	20.5	After	Left Exterior Girder	20.5	0.95	1	1	19.767848
EV3-Neg_str	BOBJ1	20.5	After	Right Exterior Girder	20.5	0.95	1	1	19.771857
EV3-Neg_str	BOBJ1	24	Before	Left Exterior Girder	24	0.95	1	1	17.349215
EV3-Neg_str	BOBJ1	24	Before	Interior Girder 1	24	0.95	1	1	18.246996
EV3-Neg_str	BOBJ1	24	Before	Interior Girder 2	24	0.95	1	1	21.465484
EV3-Neg_str	BOBJ1	24	Before	Interior Girder 3	24	0.95	1	1	22.75411
EV3-Neg_str	BOBJ1	24	Before	Interior Girder 4	24	0.95	1	1	22.760802
EV3-Neg_str	BOBJ1	24	Before	Interior Girder 5	24	0.95	1	1	21.475529
EV3-Neg_str	BOBJ1	24	Before	Interior Girder 6	24	0.95	1	1	18.25202
EV3-Neg_str	BOBJ1	24	Before	Right Exterior Girder	24	0.95	1	1	17.353832
EV3-Neg_str	BOBJ1	24	After	Left Exterior Girder	24	0.95	1	1	17.275528
EV3-Neg_str	BOBJ1	24	After	Interior Girder 1	24	0.95	1	1	17.976831
EV3-Neg_str	BOBJ1	24	After	Interior Girder 2	24	0.95	1	1	21.389382
EV3-Neg_str	BOBJ1	24	After	Interior Girder 3	24	0.95	1	1	22.903099
EV3-Neg_str	BOBJ1	24	After	Interior Girder 4	24	0.95	1	1	22.911164
EV3-Neg_str	BOBJ1	24	After	Interior Girder 5	24	0.95	1	1	21.401109
EV3-Neg_str	BOBJ1	24	After	Interior Girder 6	24	0.95	1	1	17.981562
EV3-Neg_str	BOBJ1	24	After	Right Exterior Girder	24	0.95	1	1	17.278683
EV3-Neg_str	BOBJ1	32	Before	Left Exterior Girder	32	0.95	1	1	13.420882
EV3-Neg_str	BOBJ1	32	Before	Interior Girder 1	32	0.95	1	1	14.072379
EV3-Neg_str	BOBJ1	32	Before	Interior Girder 2	32	0.95	1	1	16.176306
EV3-Neg_str	BOBJ1	32	Before	Interior Girder 3	32	0.95	1	1	17.238235
EV3-Neg_str	BOBJ1	32	Before	Interior Girder 4	32	0.95	1	1	17.242189
EV3-Neg_str	BOBJ1	32	Before	Interior Girder 5	32	0.95	1	1	16.181556
EV3-Neg_str	BOBJ1	32	Before	Interior Girder 6	32	0.95	1	1	14.075422
EV3-Neg_str	BOBJ1	32	Before	Right Exterior Girder	32	0.95	1	1	13.42496
EV3-Neg_str	BOBJ1	32	After	Left Exterior Girder	32	0.95	1	1	13.524542
EV3-Neg_str	BOBJ1	32	After	Interior Girder 1	32	0.95	1	1	13.834236
EV3-Neg_str	BOBJ1	32	After	Interior Girder 2	32	0.95	1	1	16.154305
EV3-Neg_str	BOBJ1	32	After	Interior Girder 3	32	0.95	1	1	17.329767
EV3-Neg_str	BOBJ1	32	After	Interior Girder 4	32	0.95	1	1	17.33514
EV3-Neg_str	BOBJ1	32	After	Interior Girder 5	32	0.95	1	1	16.161118
EV3-Neg_str	BOBJ1	32	After	Interior Girder 6	32	0.95	1	1	13.837385
EV3-Neg_str	BOBJ1	32	After	Right Exterior Girder	32	0.95	1	1	13.527502
EV3-Neg_str	BOBJ1	40	Before	Left Exterior Girder	40	0.95	1	1	11.295043
EV3-Neg_str	BOBJ1	40	Before	Interior Girder 1	40	0.95	1	1	10.97695
EV3-Neg_str	BOBJ1	40	Before	Interior Girder 2	40	0.95	1	1	12.353105
EV3-Neg_str	BOBJ1	40	Before	Interior Girder 3	40	0.95	1	1	13.160665
EV3-Neg_str	BOBJ1	40	Before	Interior Girder 4	40	0.95	1	1	13.157108
EV3-Neg_str	BOBJ1	40	Before	Interior Girder 5	40	0.95	1	1	12.354378
EV3-Neg_str	BOBJ1	40	Before	Interior Girder 6	40	0.95	1	1	10.978439
EV3-Neg_str	BOBJ1	40	Before	Right Exterior Girder	40	0.95	1	1	11.299861
EV3-Neg_str	BOBJ1	40	After	Left Exterior Girder	40	0.95	1	1	11.499185
EV3-Neg_str	BOBJ1	40	After	Interior Girder 1	40	0.95	1	1	10.761652
EV3-Neg_str	BOBJ1	40	After	Interior Girder 2	40	0.95	1	1	12.388908
EV3-Neg_str	BOBJ1	40	After	Interior Girder 3	40	0.95	1	1	13.287484

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelINonCompStrgth-Flx - Approach, Span 4-E									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
EV3-Neg_str	BOBJ1	40	After	Interior Girder 4	40	0.95	1	1	13.289411
EV3-Neg_str	BOBJ1	40	After	Interior Girder 5	40	0.95	1	1	12.391554
EV3-Neg_str	BOBJ1	40	After	Interior Girder 6	40	0.95	1	1	10.76321
EV3-Neg_str	BOBJ1	40	After	Right Exterior Girder	40	0.95	1	1	11.503338
EV3-Neg_str	BOBJ1	46.5	Before	Left Exterior Girder	46.5	0.95	1	1	9.841291
EV3-Neg_str	BOBJ1	46.5	Before	Right Exterior Girder	46.5	0.95	1	1	9.846272
EV3-Neg_str	BOBJ1	46.5	After	Left Exterior Girder	46.5	0.95	1	1	8.114409
EV3-Neg_str	BOBJ1	46.5	After	Right Exterior Girder	46.5	0.95	1	1	8.118225
EV3-Neg_str	BOBJ1	48	Before	Left Exterior Girder	48	0.95	1	1	7.731843
EV3-Neg_str	BOBJ1	48	Before	Interior Girder 1	48	0.95	1	1	8.61633
EV3-Neg_str	BOBJ1	48	Before	Interior Girder 2	48	0.95	1	1	9.609839
EV3-Neg_str	BOBJ1	48	Before	Interior Girder 3	48	0.95	1	1	10.195382
EV3-Neg_str	BOBJ1	48	Before	Interior Girder 4	48	0.95	1	1	10.192429
EV3-Neg_str	BOBJ1	48	Before	Interior Girder 5	48	0.95	1	1	9.609552
EV3-Neg_str	BOBJ1	48	Before	Interior Girder 6	48	0.95	1	1	8.617444
EV3-Neg_str	BOBJ1	48	Before	Right Exterior Girder	48	0.95	1	1	7.735792
EV3-Neg_str	BOBJ1	48	After	Left Exterior Girder	48	0.95	1	1	8.196699
EV3-Neg_str	BOBJ1	48	After	Interior Girder 1	48	0.95	1	1	8.040194
EV3-Neg_str	BOBJ1	48	After	Interior Girder 2	48	0.95	1	1	9.107138
EV3-Neg_str	BOBJ1	48	After	Interior Girder 3	48	0.95	1	1	9.709978
EV3-Neg_str	BOBJ1	48	After	Interior Girder 4	48	0.95	1	1	9.706677
EV3-Neg_str	BOBJ1	48	After	Interior Girder 5	48	0.95	1	1	9.10786
EV3-Neg_str	BOBJ1	48	After	Interior Girder 6	48	0.95	1	1	8.041094
EV3-Neg_str	BOBJ1	48	After	Right Exterior Girder	48	0.95	1	1	8.200704
EV3-Neg_str	BOBJ1	56	Before	Left Exterior Girder	56	0.95	1	1	6.555564
EV3-Neg_str	BOBJ1	56	Before	Interior Girder 1	56	0.95	1	1	6.316718
EV3-Neg_str	BOBJ1	56	Before	Interior Girder 2	56	0.95	1	1	6.774123
EV3-Neg_str	BOBJ1	56	Before	Interior Girder 3	56	0.95	1	1	7.079606
EV3-Neg_str	BOBJ1	56	Before	Interior Girder 4	56	0.95	1	1	7.07654
EV3-Neg_str	BOBJ1	56	Before	Interior Girder 5	56	0.95	1	1	6.771552
EV3-Neg_str	BOBJ1	56	Before	Interior Girder 6	56	0.95	1	1	6.317427
EV3-Neg_str	BOBJ1	56	Before	Right Exterior Girder	56	0.95	1	1	6.560991
EV3-Neg_str	BOBJ1	56	After	Left Exterior Girder	56	0.95	1	1	6.639987
EV3-Neg_str	BOBJ1	56	After	Interior Girder 1	56	0.95	1	1	6.254765
EV3-Neg_str	BOBJ1	56	After	Interior Girder 2	56	0.95	1	1	6.771578
EV3-Neg_str	BOBJ1	56	After	Interior Girder 3	56	0.95	1	1	7.090399
EV3-Neg_str	BOBJ1	56	After	Interior Girder 4	56	0.95	1	1	7.087425
EV3-Neg_str	BOBJ1	56	After	Interior Girder 5	56	0.95	1	1	6.769508
EV3-Neg_str	BOBJ1	56	After	Interior Girder 6	56	0.95	1	1	6.255408
EV3-Neg_str	BOBJ1	56	After	Right Exterior Girder	56	0.95	1	1	6.645355
EV3-Neg_str	BOBJ1	59	Before	Interior Girder 1	59	0.95	1	1	5.645498
EV3-Neg_str	BOBJ1	59	Before	Interior Girder 2	59	0.95	1	1	6.014284
EV3-Neg_str	BOBJ1	59	Before	Interior Girder 3	59	0.95	1	1	6.278709
EV3-Neg_str	BOBJ1	59	Before	Interior Girder 4	59	0.95	1	1	6.275574
EV3-Neg_str	BOBJ1	59	Before	Interior Girder 5	59	0.95	1	1	6.011249
EV3-Neg_str	BOBJ1	59	Before	Interior Girder 6	59	0.95	1	1	5.646262
EV3-Neg_str	BOBJ1	59	After	Interior Girder 1	59	0.95	1	1	3.460928
EV3-Neg_str	BOBJ1	59	After	Interior Girder 2	59	0.95	1	1	3.613175
EV3-Neg_str	BOBJ1	59	After	Interior Girder 3	59	0.95	1	1	3.80398
EV3-Neg_str	BOBJ1	59	After	Interior Girder 4	59	0.95	1	1	3.801979
EV3-Neg_str	BOBJ1	59	After	Interior Girder 5	59	0.95	1	1	3.611334
EV3-Neg_str	BOBJ1	59	After	Interior Girder 6	59	0.95	1	1	3.461325
EV3-Neg_str	BOBJ1	64	Before	Left Exterior Girder	64	0.95	1	1	4.891748
EV3-Neg_str	BOBJ1	64	Before	Interior Girder 1	64	0.95	1	1	2.689707
EV3-Neg_str	BOBJ1	64	Before	Interior Girder 2	64	0.95	1	1	2.731412
EV3-Neg_str	BOBJ1	64	Before	Interior Girder 3	64	0.95	1	1	2.862929
EV3-Neg_str	BOBJ1	64	Before	Interior Girder 4	64	0.95	1	1	2.861111
EV3-Neg_str	BOBJ1	64	Before	Interior Girder 5	64	0.95	1	1	2.728732
EV3-Neg_str	BOBJ1	64	Before	Interior Girder 6	64	0.95	1	1	2.690118
EV3-Neg_str	BOBJ1	64	Before	Right Exterior Girder	64	0.95	1	1	4.896613
EV3-Neg_str	BOBJ1	64	After	Left Exterior Girder	64	0.95	1	1	4.706517
EV3-Neg_str	BOBJ1	64	After	Interior Girder 1	64	0.95	1	1	2.658609
EV3-Neg_str	BOBJ1	64	After	Interior Girder 2	64	0.95	1	1	2.705387
EV3-Neg_str	BOBJ1	64	After	Interior Girder 3	64	0.95	1	1	2.864111
EV3-Neg_str	BOBJ1	64	After	Interior Girder 4	64	0.95	1	1	2.86222

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelINonCompStrgth-Flx - Approach, Span 4-E									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
EV3-Neg_str	BOBJ1	64	After	Interior Girder 5	64	0.95	1	1	2.702848
EV3-Neg_str	BOBJ1	64	After	Interior Girder 6	64	0.95	1	1	2.658986
EV3-Neg_str	BOBJ1	64	After	Right Exterior Girder	64	0.95	1	1	4.711161
EV3-Neg_str	BOBJ1	69	Before	Interior Girder 1	69	0.95	1	1	1.894958
EV3-Neg_str	BOBJ1	69	Before	Interior Girder 2	69	0.95	1	1	1.935019
EV3-Neg_str	BOBJ1	69	Before	Interior Girder 3	69	0.95	1	1	1.899345
EV3-Neg_str	BOBJ1	69	Before	Interior Girder 4	69	0.95	1	1	1.898117
EV3-Neg_str	BOBJ1	69	Before	Interior Girder 5	69	0.95	1	1	1.931731
EV3-Neg_str	BOBJ1	69	Before	Interior Girder 6	69	0.95	1	1	1.895941
EV3-Neg_str	BOBJ1	69	After	Interior Girder 1	69	0.95	1	1	4.141834
EV3-Neg_str	BOBJ1	69	After	Interior Girder 2	69	0.95	1	1	4.145541
EV3-Neg_str	BOBJ1	69	After	Interior Girder 3	69	0.95	1	1	4.131557
EV3-Neg_str	BOBJ1	69	After	Interior Girder 4	69	0.95	1	1	4.129001
EV3-Neg_str	BOBJ1	69	After	Interior Girder 5	69	0.95	1	1	4.139467
EV3-Neg_str	BOBJ1	69	After	Interior Girder 6	69	0.95	1	1	4.143625
EV3-Neg_str	BOBJ1	72	Before	Left Exterior Girder	72	0.95	1	1	3.15255
EV3-Neg_str	BOBJ1	72	Before	Interior Girder 1	72	0.95	1	1	3.56598
EV3-Neg_str	BOBJ1	72	Before	Interior Girder 2	72	0.95	1	1	3.516583
EV3-Neg_str	BOBJ1	72	Before	Interior Girder 3	72	0.95	1	1	3.276806
EV3-Neg_str	BOBJ1	72	Before	Interior Girder 4	72	0.95	1	1	3.279615
EV3-Neg_str	BOBJ1	72	Before	Interior Girder 5	72	0.95	1	1	3.507678
EV3-Neg_str	BOBJ1	72	Before	Interior Girder 6	72	0.95	1	1	3.568089
EV3-Neg_str	BOBJ1	72	Before	Right Exterior Girder	72	0.95	1	1	3.1569
EV3-Neg_str	BOBJ1	72	After	Left Exterior Girder	72	0.95	1	1	3.200424
EV3-Neg_str	BOBJ1	72	After	Interior Girder 1	72	0.95	1	1	3.501065
EV3-Neg_str	BOBJ1	72	After	Interior Girder 2	72	0.95	1	1	3.48847
EV3-Neg_str	BOBJ1	72	After	Interior Girder 3	72	0.95	1	1	3.316829
EV3-Neg_str	BOBJ1	72	After	Interior Girder 4	72	0.95	1	1	3.320667
EV3-Neg_str	BOBJ1	72	After	Interior Girder 5	72	0.95	1	1	3.482748
EV3-Neg_str	BOBJ1	72	After	Interior Girder 6	72	0.95	1	1	3.503488
EV3-Neg_str	BOBJ1	72	After	Right Exterior Girder	72	0.95	1	1	3.204743
EV3-Neg_str	BOBJ1	72.5	Before	Left Exterior Girder	72.5	0.95	1	1	3.066059
EV3-Neg_str	BOBJ1	72.5	Before	Right Exterior Girder	72.5	0.95	1	1	3.069929
EV3-Neg_str	BOBJ1	72.5	After	Left Exterior Girder	72.5	0.95	1	1	4.681248
EV3-Neg_str	BOBJ1	72.5	After	Right Exterior Girder	72.5	0.95	1	1	4.687301
EV3-Neg_str	BOBJ1	80	Before	Left Exterior Girder	80	0.95	1	1	2.15888
EV3-Neg_str	BOBJ1	80	Before	Interior Girder 1	80	0.95	1	1	1.409524
EV3-Neg_str	BOBJ1	80	Before	Interior Girder 2	80	0.95	1	1	1.400526
EV3-Neg_str	BOBJ1	80	Before	Interior Girder 3	80	0.95	1	1	1.166556
EV3-Neg_str	BOBJ1	80	Before	Interior Girder 4	80	0.95	1	1	1.166644
EV3-Neg_str	BOBJ1	80	Before	Interior Girder 5	80	0.95	1	1	1.395303
EV3-Neg_str	BOBJ1	80	Before	Interior Girder 6	80	0.95	1	1	1.412304
EV3-Neg_str	BOBJ1	80	Before	Right Exterior Girder	80	0.95	1	1	2.162373
EV3-Neg_str	BOBJ1	80	After	Left Exterior Girder	0	0.95	1	1	2.146571
EV3-Neg_str	BOBJ1	80	After	Interior Girder 1	0	0.95	1	1	1.413401
EV3-Neg_str	BOBJ1	80	After	Interior Girder 2	0	0.95	1	1	1.395
EV3-Neg_str	BOBJ1	80	After	Interior Girder 3	0	0.95	1	1	1.15831
EV3-Neg_str	BOBJ1	80	After	Interior Girder 4	0	0.95	1	1	1.15867
EV3-Neg_str	BOBJ1	80	After	Interior Girder 5	0	0.95	1	1	1.3897
EV3-Neg_str	BOBJ1	80	After	Interior Girder 6	0	0.95	1	1	1.416015
EV3-Neg_str	BOBJ1	80	After	Right Exterior Girder	0	0.95	1	1	2.150044
EV3-Neg_str	BOBJ1	87.5	Before	Left Exterior Girder	7.5	0.95	1	1	4.593599
EV3-Neg_str	BOBJ1	87.5	Before	Right Exterior Girder	7.5	0.95	1	1	4.599509
EV3-Neg_str	BOBJ1	87.5	After	Left Exterior Girder	7.5	0.95	1	1	2.897914
EV3-Neg_str	BOBJ1	87.5	After	Right Exterior Girder	7.5	0.95	1	1	2.901504
EV3-Neg_str	BOBJ1	88	Before	Left Exterior Girder	8	0.95	1	1	3.072943
EV3-Neg_str	BOBJ1	88	Before	Interior Girder 1	8	0.95	1	1	3.230974
EV3-Neg_str	BOBJ1	88	Before	Interior Girder 2	8	0.95	1	1	3.186066
EV3-Neg_str	BOBJ1	88	Before	Interior Girder 3	8	0.95	1	1	2.99022
EV3-Neg_str	BOBJ1	88	Before	Interior Girder 4	8	0.95	1	1	2.995746
EV3-Neg_str	BOBJ1	88	Before	Interior Girder 5	8	0.95	1	1	3.186866
EV3-Neg_str	BOBJ1	88	Before	Interior Girder 6	8	0.95	1	1	3.233992
EV3-Neg_str	BOBJ1	88	Before	Right Exterior Girder	8	0.95	1	1	3.076864
EV3-Neg_str	BOBJ1	88	After	Left Exterior Girder	8	0.95	1	1	3.036881
EV3-Neg_str	BOBJ1	88	After	Interior Girder 1	8	0.95	1	1	3.261029

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelINonCompStrgth-Flx - Approach, Span 4-E									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
EV3-Neg_str	BOBJ1	88	After	Interior Girder 2	8	0.95	1	1	3.200545
EV3-Neg_str	BOBJ1	88	After	Interior Girder 3	8	0.95	1	1	2.948233
EV3-Neg_str	BOBJ1	88	After	Interior Girder 4	8	0.95	1	1	2.952523
EV3-Neg_str	BOBJ1	88	After	Interior Girder 5	8	0.95	1	1	3.199333
EV3-Neg_str	BOBJ1	88	After	Interior Girder 6	8	0.95	1	1	3.263679
EV3-Neg_str	BOBJ1	88	After	Right Exterior Girder	8	0.95	1	1	3.040784
EV3-Neg_str	BOBJ1	91	Before	Interior Girder 1	11	0.95	1	1	3.722979
EV3-Neg_str	BOBJ1	91	Before	Interior Girder 2	11	0.95	1	1	3.774485
EV3-Neg_str	BOBJ1	91	Before	Interior Girder 3	11	0.95	1	1	3.716355
EV3-Neg_str	BOBJ1	91	Before	Interior Girder 4	11	0.95	1	1	3.71422
EV3-Neg_str	BOBJ1	91	Before	Interior Girder 5	11	0.95	1	1	3.767878
EV3-Neg_str	BOBJ1	91	Before	Interior Girder 6	11	0.95	1	1	3.725096
EV3-Neg_str	BOBJ1	91	After	Interior Girder 1	11	0.95	1	1	1.5227
EV3-Neg_str	BOBJ1	91	After	Interior Girder 2	11	0.95	1	1	1.583982
EV3-Neg_str	BOBJ1	91	After	Interior Girder 3	11	0.95	1	1	1.534062
EV3-Neg_str	BOBJ1	91	After	Interior Girder 4	11	0.95	1	1	1.533379
EV3-Neg_str	BOBJ1	91	After	Interior Girder 5	11	0.95	1	1	1.581274
EV3-Neg_str	BOBJ1	91	After	Interior Girder 6	11	0.95	1	1	1.52353
EV3-Neg_str	BOBJ1	96	Before	Left Exterior Girder	16	0.95	1	1	4.719584
EV3-Neg_str	BOBJ1	96	Before	Interior Girder 1	16	0.95	1	1	2.099911
EV3-Neg_str	BOBJ1	96	Before	Interior Girder 2	16	0.95	1	1	2.186219
EV3-Neg_str	BOBJ1	96	Before	Interior Girder 3	16	0.95	1	1	2.324466
EV3-Neg_str	BOBJ1	96	Before	Interior Girder 4	16	0.95	1	1	2.323127
EV3-Neg_str	BOBJ1	96	Before	Interior Girder 5	16	0.95	1	1	2.184069
EV3-Neg_str	BOBJ1	96	Before	Interior Girder 6	16	0.95	1	1	2.100305
EV3-Neg_str	BOBJ1	96	Before	Right Exterior Girder	16	0.95	1	1	4.724315
EV3-Neg_str	BOBJ1	96	After	Left Exterior Girder	16	0.95	1	1	2.288769
EV3-Neg_str	BOBJ1	96	After	Interior Girder 1	16	0.95	1	1	2.488996
EV3-Neg_str	BOBJ1	96	After	Interior Girder 2	16	0.95	1	1	2.565153
EV3-Neg_str	BOBJ1	96	After	Interior Girder 3	16	0.95	1	1	2.678023
EV3-Neg_str	BOBJ1	96	After	Interior Girder 4	16	0.95	1	1	2.67635
EV3-Neg_str	BOBJ1	96	After	Interior Girder 5	16	0.95	1	1	2.562342
EV3-Neg_str	BOBJ1	96	After	Interior Girder 6	16	0.95	1	1	2.48946
EV3-Neg_str	BOBJ1	96	After	Right Exterior Girder	16	0.95	1	1	2.291106
EV3-Neg_str	BOBJ1	104	Before	Left Exterior Girder	24	0.95	1	1	3.604414
EV3-Neg_str	BOBJ1	104	Before	Interior Girder 1	24	0.95	1	1	3.528257
EV3-Neg_str	BOBJ1	104	Before	Interior Girder 2	24	0.95	1	1	3.830953
EV3-Neg_str	BOBJ1	104	Before	Interior Girder 3	24	0.95	1	1	4.040587
EV3-Neg_str	BOBJ1	104	Before	Interior Girder 4	24	0.95	1	1	4.038908
EV3-Neg_str	BOBJ1	104	Before	Interior Girder 5	24	0.95	1	1	3.829247
EV3-Neg_str	BOBJ1	104	Before	Interior Girder 6	24	0.95	1	1	3.52856
EV3-Neg_str	BOBJ1	104	Before	Right Exterior Girder	24	0.95	1	1	3.60725
EV3-Neg_str	BOBJ1	104	After	Left Exterior Girder	24	0.95	1	1	3.556332
EV3-Neg_str	BOBJ1	104	After	Interior Girder 1	24	0.95	1	1	3.569007
EV3-Neg_str	BOBJ1	104	After	Interior Girder 2	24	0.95	1	1	3.835117
EV3-Neg_str	BOBJ1	104	After	Interior Girder 3	24	0.95	1	1	4.015397
EV3-Neg_str	BOBJ1	104	After	Interior Girder 4	24	0.95	1	1	4.013726
EV3-Neg_str	BOBJ1	104	After	Interior Girder 5	24	0.95	1	1	3.833224
EV3-Neg_str	BOBJ1	104	After	Interior Girder 6	24	0.95	1	1	3.569325
EV3-Neg_str	BOBJ1	104	After	Right Exterior Girder	24	0.95	1	1	3.559174
EV3-Neg_str	BOBJ1	112	Before	Left Exterior Girder	32	0.95	1	1	4.987299
EV3-Neg_str	BOBJ1	112	Before	Interior Girder 1	32	0.95	1	1	4.754047
EV3-Neg_str	BOBJ1	112	Before	Interior Girder 2	32	0.95	1	1	5.417356
EV3-Neg_str	BOBJ1	112	Before	Interior Girder 3	32	0.95	1	1	5.795613
EV3-Neg_str	BOBJ1	112	Before	Interior Girder 4	32	0.95	1	1	5.79435
EV3-Neg_str	BOBJ1	112	Before	Interior Girder 5	32	0.95	1	1	5.417256
EV3-Neg_str	BOBJ1	112	Before	Interior Girder 6	32	0.95	1	1	4.75442
EV3-Neg_str	BOBJ1	112	Before	Right Exterior Girder	32	0.95	1	1	4.989636
EV3-Neg_str	BOBJ1	112	After	Left Exterior Girder	32	0.95	1	1	4.40169
EV3-Neg_str	BOBJ1	112	After	Interior Girder 1	32	0.95	1	1	4.298318
EV3-Neg_str	BOBJ1	112	After	Interior Girder 2	32	0.95	1	1	4.809431
EV3-Neg_str	BOBJ1	112	After	Interior Girder 3	32	0.95	1	1	5.128055
EV3-Neg_str	BOBJ1	112	After	Interior Girder 4	32	0.95	1	1	5.126889
EV3-Neg_str	BOBJ1	112	After	Interior Girder 5	32	0.95	1	1	4.808927
EV3-Neg_str	BOBJ1	112	After	Interior Girder 6	32	0.95	1	1	4.298585

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelINonCompStrgth-Flx - Approach, Span 4-E									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
EV3-Neg_str	BOBJ1	112	After	Right Exterior Girder	32	0.95	1	1	4.403936
EV3-Neg_str	BOBJ1	120	Before	Left Exterior Girder	40	0.95	1	1	5.675406
EV3-Neg_str	BOBJ1	120	Before	Interior Girder 1	40	0.95	1	1	5.672539
EV3-Neg_str	BOBJ1	120	Before	Interior Girder 2	40	0.95	1	1	6.464091
EV3-Neg_str	BOBJ1	120	Before	Interior Girder 3	40	0.95	1	1	6.964265
EV3-Neg_str	BOBJ1	120	Before	Interior Girder 4	40	0.95	1	1	6.963022
EV3-Neg_str	BOBJ1	120	Before	Interior Girder 5	40	0.95	1	1	6.464147
EV3-Neg_str	BOBJ1	120	Before	Interior Girder 6	40	0.95	1	1	5.672967
EV3-Neg_str	BOBJ1	120	Before	Right Exterior Girder	40	0.95	1	1	5.67786
EV3-Neg_str	BOBJ1	120	After	Left Exterior Girder	40	0.95	1	1	5.701691
EV3-Neg_str	BOBJ1	120	After	Interior Girder 1	40	0.95	1	1	5.643598
EV3-Neg_str	BOBJ1	120	After	Interior Girder 2	40	0.95	1	1	6.447298
EV3-Neg_str	BOBJ1	120	After	Interior Girder 3	40	0.95	1	1	6.93853
EV3-Neg_str	BOBJ1	120	After	Interior Girder 4	40	0.95	1	1	6.936648
EV3-Neg_str	BOBJ1	120	After	Interior Girder 5	40	0.95	1	1	6.447315
EV3-Neg_str	BOBJ1	120	After	Interior Girder 6	40	0.95	1	1	5.644053
EV3-Neg_str	BOBJ1	120	After	Right Exterior Girder	40	0.95	1	1	5.703725
EV3-Neg_str	BOBJ1	128	Before	Left Exterior Girder	48	0.95	1	1	4.337268
EV3-Neg_str	BOBJ1	128	Before	Interior Girder 1	48	0.95	1	1	4.259361
EV3-Neg_str	BOBJ1	128	Before	Interior Girder 2	48	0.95	1	1	4.776065
EV3-Neg_str	BOBJ1	128	Before	Interior Girder 3	48	0.95	1	1	5.111009
EV3-Neg_str	BOBJ1	128	Before	Interior Girder 4	48	0.95	1	1	5.109601
EV3-Neg_str	BOBJ1	128	Before	Interior Girder 5	48	0.95	1	1	4.77562
EV3-Neg_str	BOBJ1	128	Before	Interior Girder 6	48	0.95	1	1	4.259655
EV3-Neg_str	BOBJ1	128	Before	Right Exterior Girder	48	0.95	1	1	4.339415
EV3-Neg_str	BOBJ1	128	After	Left Exterior Girder	48	0.95	1	1	4.915199
EV3-Neg_str	BOBJ1	128	After	Interior Girder 1	48	0.95	1	1	4.711657
EV3-Neg_str	BOBJ1	128	After	Interior Girder 2	48	0.95	1	1	5.37223
EV3-Neg_str	BOBJ1	128	After	Interior Girder 3	48	0.95	1	1	5.767622
EV3-Neg_str	BOBJ1	128	After	Interior Girder 4	48	0.95	1	1	5.766522
EV3-Neg_str	BOBJ1	128	After	Interior Girder 5	48	0.95	1	1	5.372178
EV3-Neg_str	BOBJ1	128	After	Interior Girder 6	48	0.95	1	1	4.712055
EV3-Neg_str	BOBJ1	128	After	Right Exterior Girder	48	0.95	1	1	4.91742
EV3-Neg_str	BOBJ1	136	Before	Left Exterior Girder	56	0.95	1	1	3.505724
EV3-Neg_str	BOBJ1	136	Before	Interior Girder 1	56	0.95	1	1	3.524967
EV3-Neg_str	BOBJ1	136	Before	Interior Girder 2	56	0.95	1	1	3.804024
EV3-Neg_str	BOBJ1	136	Before	Interior Girder 3	56	0.95	1	1	4.013085
EV3-Neg_str	BOBJ1	136	Before	Interior Girder 4	56	0.95	1	1	4.011456
EV3-Neg_str	BOBJ1	136	Before	Interior Girder 5	56	0.95	1	1	3.802318
EV3-Neg_str	BOBJ1	136	Before	Interior Girder 6	56	0.95	1	1	3.525268
EV3-Neg_str	BOBJ1	136	Before	Right Exterior Girder	56	0.95	1	1	3.508397
EV3-Neg_str	BOBJ1	136	After	Left Exterior Girder	56	0.95	1	1	3.565279
EV3-Neg_str	BOBJ1	136	After	Interior Girder 1	56	0.95	1	1	3.482018
EV3-Neg_str	BOBJ1	136	After	Interior Girder 2	56	0.95	1	1	3.797788
EV3-Neg_str	BOBJ1	136	After	Interior Girder 3	56	0.95	1	1	4.034246
EV3-Neg_str	BOBJ1	136	After	Interior Girder 4	56	0.95	1	1	4.032594
EV3-Neg_str	BOBJ1	136	After	Interior Girder 5	56	0.95	1	1	3.796359
EV3-Neg_str	BOBJ1	136	After	Interior Girder 6	56	0.95	1	1	3.482326
EV3-Neg_str	BOBJ1	136	After	Right Exterior Girder	56	0.95	1	1	3.56796
EV3-Neg_str	BOBJ1	144	Before	Left Exterior Girder	64	0.95	1	1	2.282526
EV3-Neg_str	BOBJ1	144	Before	Interior Girder 1	64	0.95	1	1	2.458417
EV3-Neg_str	BOBJ1	144	Before	Interior Girder 2	64	0.95	1	1	2.549902
EV3-Neg_str	BOBJ1	144	Before	Interior Girder 3	64	0.95	1	1	2.690495
EV3-Neg_str	BOBJ1	144	Before	Interior Girder 4	64	0.95	1	1	2.689006
EV3-Neg_str	BOBJ1	144	Before	Interior Girder 5	64	0.95	1	1	2.547607
EV3-Neg_str	BOBJ1	144	Before	Interior Girder 6	64	0.95	1	1	2.458881
EV3-Neg_str	BOBJ1	144	Before	Right Exterior Girder	64	0.95	1	1	2.284679
EV3-Neg_str	BOBJ1	144	After	Left Exterior Girder	64	0.95	1	1	4.330747
EV3-Neg_str	BOBJ1	144	After	Interior Girder 1	64	0.95	1	1	2.071507
EV3-Neg_str	BOBJ1	144	After	Interior Girder 2	64	0.95	1	1	2.173431
EV3-Neg_str	BOBJ1	144	After	Interior Girder 3	64	0.95	1	1	2.335651
EV3-Neg_str	BOBJ1	144	After	Interior Girder 4	64	0.95	1	1	2.334396
EV3-Neg_str	BOBJ1	144	After	Interior Girder 5	64	0.95	1	1	2.17142
EV3-Neg_str	BOBJ1	144	After	Interior Girder 6	64	0.95	1	1	2.071918
EV3-Neg_str	BOBJ1	144	After	Right Exterior Girder	64	0.95	1	1	4.334742

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Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
EV3-Neg_str	BOBJ1	150	Before	Interior Girder 1	70	0.95	1	1	1.39447
EV3-Neg_str	BOBJ1	150	Before	Interior Girder 2	70	0.95	1	1	1.462947
EV3-Neg_str	BOBJ1	150	Before	Interior Girder 3	70	0.95	1	1	1.418472
EV3-Neg_str	BOBJ1	150	Before	Interior Girder 4	70	0.95	1	1	1.417979
EV3-Neg_str	BOBJ1	150	Before	Interior Girder 5	70	0.95	1	1	1.460755
EV3-Neg_str	BOBJ1	150	Before	Interior Girder 6	70	0.95	1	1	1.395151
EV3-Neg_str	BOBJ1	150	After	Interior Girder 1	70	0.95	1	1	3.290248
EV3-Neg_str	BOBJ1	150	After	Interior Girder 2	70	0.95	1	1	3.344001
EV3-Neg_str	BOBJ1	150	After	Interior Girder 3	70	0.95	1	1	3.299412
EV3-Neg_str	BOBJ1	150	After	Interior Girder 4	70	0.95	1	1	3.298043
EV3-Neg_str	BOBJ1	150	After	Interior Girder 5	70	0.95	1	1	3.338801
EV3-Neg_str	BOBJ1	150	After	Interior Girder 6	70	0.95	1	1	3.291787
EV3-Neg_str	BOBJ1	152	Before	Left Exterior Girder	72	0.95	1	1	2.765251
EV3-Neg_str	BOBJ1	152	Before	Interior Girder 1	72	0.95	1	1	2.984765
EV3-Neg_str	BOBJ1	152	Before	Interior Girder 2	72	0.95	1	1	2.996993
EV3-Neg_str	BOBJ1	152	Before	Interior Girder 3	72	0.95	1	1	2.809003
EV3-Neg_str	BOBJ1	152	Before	Interior Girder 4	72	0.95	1	1	2.813592
EV3-Neg_str	BOBJ1	152	Before	Interior Girder 5	72	0.95	1	1	2.995754
EV3-Neg_str	BOBJ1	152	Before	Interior Girder 6	72	0.95	1	1	2.987013
EV3-Neg_str	BOBJ1	152	Before	Right Exterior Girder	72	0.95	1	1	2.768815
EV3-Neg_str	BOBJ1	152	After	Left Exterior Girder	72	0.95	1	1	2.799501
EV3-Neg_str	BOBJ1	152	After	Interior Girder 1	72	0.95	1	1	2.94843
EV3-Neg_str	BOBJ1	152	After	Interior Girder 2	72	0.95	1	1	2.97715
EV3-Neg_str	BOBJ1	152	After	Interior Girder 3	72	0.95	1	1	2.837261
EV3-Neg_str	BOBJ1	152	After	Interior Girder 4	72	0.95	1	1	2.840474
EV3-Neg_str	BOBJ1	152	After	Interior Girder 5	72	0.95	1	1	2.977472
EV3-Neg_str	BOBJ1	152	After	Interior Girder 6	72	0.95	1	1	2.95098
EV3-Neg_str	BOBJ1	152	After	Right Exterior Girder	72	0.95	1	1	2.803041
EV3-Neg_str	BOBJ1	154	Before	Left Exterior Girder	74	0.95	1	1	2.253582
EV3-Neg_str	BOBJ1	154	Before	Right Exterior Girder	74	0.95	1	1	2.256237
EV3-Neg_str	BOBJ1	154	After	Left Exterior Girder	74	0.95	1	1	3.617096
EV3-Neg_str	BOBJ1	154	After	Right Exterior Girder	74	0.95	1	1	3.621501
EV3-Neg_str	BOBJ1	160	Before	Left Exterior Girder	80	0.95	1	1	1.941865
EV3-Neg_str	BOBJ1	160	Before	Interior Girder 1	80	0.95	1	1	1.295132
EV3-Neg_str	BOBJ1	160	Before	Interior Girder 2	80	0.95	1	1	1.292313
EV3-Neg_str	BOBJ1	160	Before	Interior Girder 3	80	0.95	1	1	1.086104
EV3-Neg_str	BOBJ1	160	Before	Interior Girder 4	80	0.95	1	1	1.086556
EV3-Neg_str	BOBJ1	160	Before	Interior Girder 5	80	0.95	1	1	1.28743
EV3-Neg_str	BOBJ1	160	Before	Interior Girder 6	80	0.95	1	1	1.297392
EV3-Neg_str	BOBJ1	160	Before	Right Exterior Girder	80	0.95	1	1	1.944969
EV3-Neg_str	BOBJ1	160	After	Left Exterior Girder	0	0.95	1	1	1.913411
EV3-Neg_str	BOBJ1	160	After	Interior Girder 1	0	0.95	1	1	1.284154
EV3-Neg_str	BOBJ1	160	After	Interior Girder 2	0	0.95	1	1	1.299339
EV3-Neg_str	BOBJ1	160	After	Interior Girder 3	0	0.95	1	1	1.08164
EV3-Neg_str	BOBJ1	160	After	Interior Girder 4	0	0.95	1	1	1.081665
EV3-Neg_str	BOBJ1	160	After	Interior Girder 5	0	0.95	1	1	1.294451
EV3-Neg_str	BOBJ1	160	After	Interior Girder 6	0	0.95	1	1	1.286584
EV3-Neg_str	BOBJ1	160	After	Right Exterior Girder	0	0.95	1	1	1.916439
EV3-Neg_str	BOBJ1	166	Before	Left Exterior Girder	6	0.95	1	1	3.898338
EV3-Neg_str	BOBJ1	166	Before	Right Exterior Girder	6	0.95	1	1	3.90317
EV3-Neg_str	BOBJ1	166	After	Left Exterior Girder	6	0.95	1	1	2.459277
EV3-Neg_str	BOBJ1	166	After	Right Exterior Girder	6	0.95	1	1	2.462206
EV3-Neg_str	BOBJ1	168	Before	Left Exterior Girder	8	0.95	1	1	3.098213
EV3-Neg_str	BOBJ1	168	Before	Interior Girder 1	8	0.95	1	1	3.368595
EV3-Neg_str	BOBJ1	168	Before	Interior Girder 2	8	0.95	1	1	3.362381
EV3-Neg_str	BOBJ1	168	Before	Interior Girder 3	8	0.95	1	1	3.185449
EV3-Neg_str	BOBJ1	168	Before	Interior Girder 4	8	0.95	1	1	3.191104
EV3-Neg_str	BOBJ1	168	Before	Interior Girder 5	8	0.95	1	1	3.360251
EV3-Neg_str	BOBJ1	168	Before	Interior Girder 6	8	0.95	1	1	3.370891
EV3-Neg_str	BOBJ1	168	Before	Right Exterior Girder	8	0.95	1	1	3.102113
EV3-Neg_str	BOBJ1	168	After	Left Exterior Girder	8	0.95	1	1	3.038097
EV3-Neg_str	BOBJ1	168	After	Interior Girder 1	8	0.95	1	1	3.446675
EV3-Neg_str	BOBJ1	168	After	Interior Girder 2	8	0.95	1	1	3.394249
EV3-Neg_str	BOBJ1	168	After	Interior Girder 3	8	0.95	1	1	3.157511
EV3-Neg_str	BOBJ1	168	After	Interior Girder 4	8	0.95	1	1	3.161912

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Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
EV3-Neg_str	BOBJ1	168	After	Interior Girder 5	8	0.95	1	1	3.386892
EV3-Neg_str	BOBJ1	168	After	Interior Girder 6	8	0.95	1	1	3.448724
EV3-Neg_str	BOBJ1	168	After	Right Exterior Girder	8	0.95	1	1	3.041944
EV3-Neg_str	BOBJ1	170	Before	Interior Girder 1	10	0.95	1	1	3.840304
EV3-Neg_str	BOBJ1	170	Before	Interior Girder 2	10	0.95	1	1	3.845635
EV3-Neg_str	BOBJ1	170	Before	Interior Girder 3	10	0.95	1	1	3.790274
EV3-Neg_str	BOBJ1	170	Before	Interior Girder 4	10	0.95	1	1	3.787263
EV3-Neg_str	BOBJ1	170	Before	Interior Girder 5	10	0.95	1	1	3.838676
EV3-Neg_str	BOBJ1	170	Before	Interior Girder 6	10	0.95	1	1	3.842534
EV3-Neg_str	BOBJ1	170	After	Interior Girder 1	10	0.95	1	1	1.798904
EV3-Neg_str	BOBJ1	170	After	Interior Girder 2	10	0.95	1	1	1.85334
EV3-Neg_str	BOBJ1	170	After	Interior Girder 3	10	0.95	1	1	1.793042
EV3-Neg_str	BOBJ1	170	After	Interior Girder 4	10	0.95	1	1	1.791702
EV3-Neg_str	BOBJ1	170	After	Interior Girder 5	10	0.95	1	1	1.849757
EV3-Neg_str	BOBJ1	170	After	Interior Girder 6	10	0.95	1	1	1.799873
EV3-Neg_str	BOBJ1	176	Before	Left Exterior Girder	16	0.95	1	1	4.684945
EV3-Neg_str	BOBJ1	176	Before	Interior Girder 1	16	0.95	1	1	2.734315
EV3-Neg_str	BOBJ1	176	Before	Interior Girder 2	16	0.95	1	1	2.80673
EV3-Neg_str	BOBJ1	176	Before	Interior Girder 3	16	0.95	1	1	2.977601
EV3-Neg_str	BOBJ1	176	Before	Interior Girder 4	16	0.95	1	1	2.975544
EV3-Neg_str	BOBJ1	176	Before	Interior Girder 5	16	0.95	1	1	2.804106
EV3-Neg_str	BOBJ1	176	Before	Interior Girder 6	16	0.95	1	1	2.734808
EV3-Neg_str	BOBJ1	176	Before	Right Exterior Girder	16	0.95	1	1	4.689525
EV3-Neg_str	BOBJ1	176	After	Left Exterior Girder	16	0.95	1	1	4.858877
EV3-Neg_str	BOBJ1	176	After	Interior Girder 1	16	0.95	1	1	2.774524
EV3-Neg_str	BOBJ1	176	After	Interior Girder 2	16	0.95	1	1	2.836292
EV3-Neg_str	BOBJ1	176	After	Interior Girder 3	16	0.95	1	1	2.976912
EV3-Neg_str	BOBJ1	176	After	Interior Girder 4	16	0.95	1	1	2.975095
EV3-Neg_str	BOBJ1	176	After	Interior Girder 5	16	0.95	1	1	2.833482
EV3-Neg_str	BOBJ1	176	After	Interior Girder 6	16	0.95	1	1	2.77494
EV3-Neg_str	BOBJ1	176	After	Right Exterior Girder	16	0.95	1	1	4.863606
EV3-Neg_str	BOBJ1	181	Before	Interior Girder 1	21	0.95	1	1	3.572214
EV3-Neg_str	BOBJ1	181	Before	Interior Girder 2	21	0.95	1	1	3.749496
EV3-Neg_str	BOBJ1	181	Before	Interior Girder 3	21	0.95	1	1	3.952296
EV3-Neg_str	BOBJ1	181	Before	Interior Girder 4	21	0.95	1	1	3.950249
EV3-Neg_str	BOBJ1	181	Before	Interior Girder 5	21	0.95	1	1	3.747673
EV3-Neg_str	BOBJ1	181	Before	Interior Girder 6	21	0.95	1	1	3.572617
EV3-Neg_str	BOBJ1	181	After	Interior Girder 1	21	0.95	1	1	5.43314
EV3-Neg_str	BOBJ1	181	After	Interior Girder 2	21	0.95	1	1	5.793252
EV3-Neg_str	BOBJ1	181	After	Interior Girder 3	21	0.95	1	1	6.06022
EV3-Neg_str	BOBJ1	181	After	Interior Girder 4	21	0.95	1	1	6.057232
EV3-Neg_str	BOBJ1	181	After	Interior Girder 5	21	0.95	1	1	5.790409
EV3-Neg_str	BOBJ1	181	After	Interior Girder 6	21	0.95	1	1	5.43384
EV3-Neg_str	BOBJ1	184	Before	Left Exterior Girder	24	0.95	1	1	6.67696
EV3-Neg_str	BOBJ1	184	Before	Interior Girder 1	24	0.95	1	1	6.041913
EV3-Neg_str	BOBJ1	184	Before	Interior Girder 2	24	0.95	1	1	6.541697
EV3-Neg_str	BOBJ1	184	Before	Interior Girder 3	24	0.95	1	1	6.865199
EV3-Neg_str	BOBJ1	184	Before	Interior Girder 4	24	0.95	1	1	6.86236
EV3-Neg_str	BOBJ1	184	Before	Interior Girder 5	24	0.95	1	1	6.53974
EV3-Neg_str	BOBJ1	184	Before	Interior Girder 6	24	0.95	1	1	6.042499
EV3-Neg_str	BOBJ1	184	Before	Right Exterior Girder	24	0.95	1	1	6.682018
EV3-Neg_str	BOBJ1	184	After	Left Exterior Girder	24	0.95	1	1	6.58755
EV3-Neg_str	BOBJ1	184	After	Interior Girder 1	24	0.95	1	1	6.096054
EV3-Neg_str	BOBJ1	184	After	Interior Girder 2	24	0.95	1	1	6.544614
EV3-Neg_str	BOBJ1	184	After	Interior Girder 3	24	0.95	1	1	6.855569
EV3-Neg_str	BOBJ1	184	After	Interior Girder 4	24	0.95	1	1	6.852668
EV3-Neg_str	BOBJ1	184	After	Interior Girder 5	24	0.95	1	1	6.542175
EV3-Neg_str	BOBJ1	184	After	Interior Girder 6	24	0.95	1	1	6.096722
EV3-Neg_str	BOBJ1	184	After	Right Exterior Girder	24	0.95	1	1	6.592696
EV3-Neg_str	BOBJ1	192	Before	Left Exterior Girder	32	0.95	1	1	8.268715
EV3-Neg_str	BOBJ1	192	Before	Interior Girder 1	32	0.95	1	1	7.780148
EV3-Neg_str	BOBJ1	192	Before	Interior Girder 2	32	0.95	1	1	8.838859
EV3-Neg_str	BOBJ1	192	Before	Interior Girder 3	32	0.95	1	1	9.461673
EV3-Neg_str	BOBJ1	192	Before	Interior Girder 4	32	0.95	1	1	9.458139
EV3-Neg_str	BOBJ1	192	Before	Interior Girder 5	32	0.95	1	1	8.839507

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelINonCompStrgth-Flx - Approach, Span 4-E									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
EV3-Neg_str	BOBJ1	192	Before	Interior Girder 6	32	0.95	1	1	7.780967
EV3-Neg_str	BOBJ1	192	Before	Right Exterior Girder	32	0.95	1	1	8.272536
EV3-Neg_str	BOBJ1	192	After	Left Exterior Girder	32	0.95	1	1	7.765777
EV3-Neg_str	BOBJ1	192	After	Interior Girder 1	32	0.95	1	1	8.307046
EV3-Neg_str	BOBJ1	192	After	Interior Girder 2	32	0.95	1	1	9.313147
EV3-Neg_str	BOBJ1	192	After	Interior Girder 3	32	0.95	1	1	9.924003
EV3-Neg_str	BOBJ1	192	After	Interior Girder 4	32	0.95	1	1	9.921162
EV3-Neg_str	BOBJ1	192	After	Interior Girder 5	32	0.95	1	1	9.312865
EV3-Neg_str	BOBJ1	192	After	Interior Girder 6	32	0.95	1	1	8.307797
EV3-Neg_str	BOBJ1	192	After	Right Exterior Girder	32	0.95	1	1	7.769765
EV3-Neg_str	BOBJ1	200	Before	Left Exterior Girder	40	0.95	1	1	9.635985
EV3-Neg_str	BOBJ1	200	Before	Interior Girder 1	40	0.95	1	1	10.364503
EV3-Neg_str	BOBJ1	200	Before	Interior Girder 2	40	0.95	1	1	12.042143
EV3-Neg_str	BOBJ1	200	Before	Interior Girder 3	40	0.95	1	1	12.974007
EV3-Neg_str	BOBJ1	200	Before	Interior Girder 4	40	0.95	1	1	12.975765
EV3-Neg_str	BOBJ1	200	Before	Interior Girder 5	40	0.95	1	1	12.044436
EV3-Neg_str	BOBJ1	200	Before	Interior Girder 6	40	0.95	1	1	10.365938
EV3-Neg_str	BOBJ1	200	Before	Right Exterior Girder	40	0.95	1	1	9.639179
EV3-Neg_str	BOBJ1	200	After	Left Exterior Girder	40	0.95	1	1	9.460976
EV3-Neg_str	BOBJ1	200	After	Interior Girder 1	40	0.95	1	1	10.53071
EV3-Neg_str	BOBJ1	200	After	Interior Girder 2	40	0.95	1	1	12.000413
EV3-Neg_str	BOBJ1	200	After	Interior Girder 3	40	0.95	1	1	12.857865
EV3-Neg_str	BOBJ1	200	After	Interior Girder 4	40	0.95	1	1	12.853525
EV3-Neg_str	BOBJ1	200	After	Interior Girder 5	40	0.95	1	1	12.001479
EV3-Neg_str	BOBJ1	200	After	Interior Girder 6	40	0.95	1	1	10.531995
EV3-Neg_str	BOBJ1	200	After	Right Exterior Girder	40	0.95	1	1	9.464822
EV3-Neg_str	BOBJ1	208	Before	Left Exterior Girder	48	0.95	1	1	11.499382
EV3-Neg_str	BOBJ1	208	Before	Interior Girder 1	48	0.95	1	1	13.216576
EV3-Neg_str	BOBJ1	208	Before	Interior Girder 2	48	0.95	1	1	15.709355
EV3-Neg_str	BOBJ1	208	Before	Interior Girder 3	48	0.95	1	1	16.975635
EV3-Neg_str	BOBJ1	208	Before	Interior Girder 4	48	0.95	1	1	16.980628
EV3-Neg_str	BOBJ1	208	Before	Interior Girder 5	48	0.95	1	1	15.715307
EV3-Neg_str	BOBJ1	208	Before	Interior Girder 6	48	0.95	1	1	13.219074
EV3-Neg_str	BOBJ1	208	Before	Right Exterior Girder	48	0.95	1	1	11.501552
EV3-Neg_str	BOBJ1	208	After	Left Exterior Girder	48	0.95	1	1	11.369101
EV3-Neg_str	BOBJ1	208	After	Interior Girder 1	48	0.95	1	1	13.454933
EV3-Neg_str	BOBJ1	208	After	Interior Girder 2	48	0.95	1	1	15.705915
EV3-Neg_str	BOBJ1	208	After	Interior Girder 3	48	0.95	1	1	16.890088
EV3-Neg_str	BOBJ1	208	After	Interior Girder 4	48	0.95	1	1	16.893705
EV3-Neg_str	BOBJ1	208	After	Interior Girder 5	48	0.95	1	1	15.710514
EV3-Neg_str	BOBJ1	208	After	Interior Girder 6	48	0.95	1	1	13.457417
EV3-Neg_str	BOBJ1	208	After	Right Exterior Girder	48	0.95	1	1	11.3722
EV3-Neg_str	BOBJ1	216	Before	Left Exterior Girder	56	0.95	1	1	14.832584
EV3-Neg_str	BOBJ1	216	Before	Interior Girder 1	56	0.95	1	1	17.171174
EV3-Neg_str	BOBJ1	216	Before	Interior Girder 2	56	0.95	1	1	20.753226
EV3-Neg_str	BOBJ1	216	Before	Interior Girder 3	56	0.95	1	1	22.501825
EV3-Neg_str	BOBJ1	216	Before	Interior Girder 4	56	0.95	1	1	22.5094
EV3-Neg_str	BOBJ1	216	Before	Interior Girder 5	56	0.95	1	1	20.763127
EV3-Neg_str	BOBJ1	216	Before	Interior Girder 6	56	0.95	1	1	17.173489
EV3-Neg_str	BOBJ1	216	Before	Right Exterior Girder	56	0.95	1	1	14.834574
EV3-Neg_str	BOBJ1	216	After	Left Exterior Girder	56	0.95	1	1	14.792877
EV3-Neg_str	BOBJ1	216	After	Interior Girder 1	56	0.95	1	1	17.698898
EV3-Neg_str	BOBJ1	216	After	Interior Girder 2	56	0.95	1	1	20.84867
EV3-Neg_str	BOBJ1	216	After	Interior Girder 3	56	0.95	1	1	22.356669
EV3-Neg_str	BOBJ1	216	After	Interior Girder 4	56	0.95	1	1	22.362947
EV3-Neg_str	BOBJ1	216	After	Interior Girder 5	56	0.95	1	1	20.857318
EV3-Neg_str	BOBJ1	216	After	Interior Girder 6	56	0.95	1	1	17.700754
EV3-Neg_str	BOBJ1	216	After	Right Exterior Girder	56	0.95	1	1	14.796348
EV3-Neg_str	BOBJ1	224	Before	Left Exterior Girder	64	0.95	1	1	20.226332
EV3-Neg_str	BOBJ1	224	Before	Interior Girder 1	64	0.95	1	1	23.767271
EV3-Neg_str	BOBJ1	224	Before	Interior Girder 2	64	0.95	1	1	30.196097
EV3-Neg_str	BOBJ1	224	Before	Interior Girder 3	64	0.95	1	1	32.775449
EV3-Neg_str	BOBJ1	224	Before	Interior Girder 4	64	0.95	1	1	32.7909
EV3-Neg_str	BOBJ1	224	Before	Interior Girder 5	64	0.95	1	1	30.217886
EV3-Neg_str	BOBJ1	224	Before	Interior Girder 6	64	0.95	1	1	23.771331

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelINonCompStrgth-Flx - Approach, Span 4-E									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
EV3-Neg_str	BOBJ1	224	Before	Right Exterior Girder	64	0.95	1	1	20.250595
EV3-Neg_str	BOBJ1	224	After	Left Exterior Girder	64	0.95	1	1	21.126337
EV3-Neg_str	BOBJ1	224	After	Interior Girder 1	64	0.95	1	1	26.13691
EV3-Neg_str	BOBJ1	224	After	Interior Girder 2	64	0.95	1	1	31.955644
EV3-Neg_str	BOBJ1	224	After	Interior Girder 3	64	0.95	1	1	33.952237
EV3-Neg_str	BOBJ1	224	After	Interior Girder 4	64	0.95	1	1	33.967097
EV3-Neg_str	BOBJ1	224	After	Interior Girder 5	64	0.95	1	1	31.977075
EV3-Neg_str	BOBJ1	224	After	Interior Girder 6	64	0.95	1	1	26.139704
EV3-Neg_str	BOBJ1	224	After	Right Exterior Girder	64	0.95	1	1	21.155617
EV3-Neg_str	BOBJ1	232	Before	Left Exterior Girder	72	0.95	1	1	41.850655
EV3-Neg_str	BOBJ1	232	Before	Interior Girder 1	72	0.95	1	1	44.763659
EV3-Neg_str	BOBJ1	232	Before	Interior Girder 2	72	0.95	1	1	58.24841
EV3-Neg_str	BOBJ1	232	Before	Interior Girder 3	72	0.95	1	1	65.680792
EV3-Neg_str	BOBJ1	232	Before	Interior Girder 4	72	0.95	1	1	65.710979
EV3-Neg_str	BOBJ1	232	Before	Interior Girder 5	72	0.95	1	1	58.266154
EV3-Neg_str	BOBJ1	232	Before	Interior Girder 6	72	0.95	1	1	44.775956
EV3-Neg_str	BOBJ1	232	Before	Right Exterior Girder	72	0.95	1	1	41.932963
EV3-Neg_str	BOBJ1	232	After	Left Exterior Girder	72	0.95	1	1	42.294839
EV3-Neg_str	BOBJ1	232	After	Interior Girder 1	72	0.95	1	1	49.650312
EV3-Neg_str	BOBJ1	232	After	Interior Girder 2	72	0.95	1	1	59.793246
EV3-Neg_str	BOBJ1	232	After	Interior Girder 3	72	0.95	1	1	64.746438
EV3-Neg_str	BOBJ1	232	After	Interior Girder 4	72	0.95	1	1	64.787545
EV3-Neg_str	BOBJ1	232	After	Interior Girder 5	72	0.95	1	1	59.793278
EV3-Neg_str	BOBJ1	232	After	Interior Girder 6	72	0.95	1	1	49.659649
EV3-Neg_str	BOBJ1	232	After	Right Exterior Girder	72	0.95	1	1	42.375884
EV3-Neg_str	BOBJ1	240	Before	Left Exterior Girder	80	0.95	1	1	41.706823
EV3-Neg_str	BOBJ1	240	Before	Interior Girder 1	80	0.95	1	1	27.522526
EV3-Neg_str	BOBJ1	240	Before	Interior Girder 2	80	0.95	1	1	22.606206
EV3-Neg_str	BOBJ1	240	Before	Interior Girder 3	80	0.95	1	1	14.937011
EV3-Neg_str	BOBJ1	240	Before	Interior Girder 4	80	0.95	1	1	15.065356
EV3-Neg_str	BOBJ1	240	Before	Interior Girder 5	80	0.95	1	1	22.169871
EV3-Neg_str	BOBJ1	240	Before	Interior Girder 6	80	0.95	1	1	27.57696
EV3-Neg_str	BOBJ1	240	Before	Right Exterior Girder	80	0.95	1	1	41.706823
Gravel Truck_str	BOBJ1	0	After	Left Exterior Girder	0	0.95	1	1	372.502171
Gravel Truck_str	BOBJ1	0	After	Interior Girder 1	0	0.95	1	1	313.985456
Gravel Truck_str	BOBJ1	0	After	Interior Girder 2	0	0.95	1	1	285.460636
Gravel Truck_str	BOBJ1	0	After	Interior Girder 3	0	0.95	1	1	184.17687
Gravel Truck_str	BOBJ1	0	After	Interior Girder 4	0	0.95	1	1	187.068348
Gravel Truck_str	BOBJ1	0	After	Interior Girder 5	0	0.95	1	1	282.892791
Gravel Truck_str	BOBJ1	0	After	Interior Girder 6	0	0.95	1	1	301.140248
Gravel Truck_str	BOBJ1	0	After	Right Exterior Girder	0	0.95	1	1	372.50217
Gravel Truck_str	BOBJ1	8	Before	Left Exterior Girder	8	0.95	1	1	5.316409
Gravel Truck_str	BOBJ1	8	Before	Interior Girder 1	8	0.95	1	1	4.145463
Gravel Truck_str	BOBJ1	8	Before	Interior Girder 2	8	0.95	1	1	3.90349
Gravel Truck_str	BOBJ1	8	Before	Interior Girder 3	8	0.95	1	1	3.645613
Gravel Truck_str	BOBJ1	8	Before	Interior Girder 4	8	0.95	1	1	3.664248
Gravel Truck_str	BOBJ1	8	Before	Interior Girder 5	8	0.95	1	1	3.891549
Gravel Truck_str	BOBJ1	8	Before	Interior Girder 6	8	0.95	1	1	4.160327
Gravel Truck_str	BOBJ1	8	Before	Right Exterior Girder	8	0.95	1	1	5.32291
Gravel Truck_str	BOBJ1	8	After	Left Exterior Girder	8	0.95	1	1	5.388395
Gravel Truck_str	BOBJ1	8	After	Interior Girder 1	8	0.95	1	1	4.132602
Gravel Truck_str	BOBJ1	8	After	Interior Girder 2	8	0.95	1	1	3.9922
Gravel Truck_str	BOBJ1	8	After	Interior Girder 3	8	0.95	1	1	3.800941
Gravel Truck_str	BOBJ1	8	After	Interior Girder 4	8	0.95	1	1	3.818338
Gravel Truck_str	BOBJ1	8	After	Interior Girder 5	8	0.95	1	1	3.981318
Gravel Truck_str	BOBJ1	8	After	Interior Girder 6	8	0.95	1	1	4.145756
Gravel Truck_str	BOBJ1	8	After	Right Exterior Girder	8	0.95	1	1	5.394103
Gravel Truck_str	BOBJ1	16	Before	Left Exterior Girder	16	0.95	1	1	2.469504
Gravel Truck_str	BOBJ1	16	Before	Interior Girder 1	16	0.95	1	1	2.431964
Gravel Truck_str	BOBJ1	16	Before	Interior Girder 2	16	0.95	1	1	2.320008
Gravel Truck_str	BOBJ1	16	Before	Interior Girder 3	16	0.95	1	1	2.29081
Gravel Truck_str	BOBJ1	16	Before	Interior Girder 4	16	0.95	1	1	2.289458
Gravel Truck_str	BOBJ1	16	Before	Interior Girder 5	16	0.95	1	1	2.318326
Gravel Truck_str	BOBJ1	16	Before	Interior Girder 6	16	0.95	1	1	2.431881
Gravel Truck_str	BOBJ1	16	Before	Right Exterior Girder	16	0.95	1	1	2.472451

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelINonCompStrgth-Flx - Approach, Span 4-E									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Gravel Truck_str	BOBJ1	16	After	Left Exterior Girder	16	0.95	1	1	2.522069
Gravel Truck_str	BOBJ1	16	After	Interior Girder 1	16	0.95	1	1	2.402452
Gravel Truck_str	BOBJ1	16	After	Interior Girder 2	16	0.95	1	1	2.323642
Gravel Truck_str	BOBJ1	16	After	Interior Girder 3	16	0.95	1	1	2.318331
Gravel Truck_str	BOBJ1	16	After	Interior Girder 4	16	0.95	1	1	2.318895
Gravel Truck_str	BOBJ1	16	After	Interior Girder 5	16	0.95	1	1	2.323062
Gravel Truck_str	BOBJ1	16	After	Interior Girder 6	16	0.95	1	1	2.402256
Gravel Truck_str	BOBJ1	16	After	Right Exterior Girder	16	0.95	1	1	2.524941
Gravel Truck_str	BOBJ1	20.5	Before	Left Exterior Girder	20.5	0.95	1	1	2.028678
Gravel Truck_str	BOBJ1	20.5	Before	Right Exterior Girder	20.5	0.95	1	1	2.030762
Gravel Truck_str	BOBJ1	20.5	After	Left Exterior Girder	20.5	0.95	1	1	3.005593
Gravel Truck_str	BOBJ1	20.5	After	Right Exterior Girder	20.5	0.95	1	1	3.008553
Gravel Truck_str	BOBJ1	24	Before	Left Exterior Girder	24	0.95	1	1	2.685266
Gravel Truck_str	BOBJ1	24	Before	Interior Girder 1	24	0.95	1	1	1.712718
Gravel Truck_str	BOBJ1	24	Before	Interior Girder 2	24	0.95	1	1	1.706572
Gravel Truck_str	BOBJ1	24	Before	Interior Girder 3	24	0.95	1	1	1.724582
Gravel Truck_str	BOBJ1	24	Before	Interior Girder 4	24	0.95	1	1	1.728622
Gravel Truck_str	BOBJ1	24	Before	Interior Girder 5	24	0.95	1	1	1.702891
Gravel Truck_str	BOBJ1	24	Before	Interior Girder 6	24	0.95	1	1	1.715987
Gravel Truck_str	BOBJ1	24	Before	Right Exterior Girder	24	0.95	1	1	2.687696
Gravel Truck_str	BOBJ1	24	After	Left Exterior Girder	24	0.95	1	1	2.68661
Gravel Truck_str	BOBJ1	24	After	Interior Girder 1	24	0.95	1	1	1.720919
Gravel Truck_str	BOBJ1	24	After	Interior Girder 2	24	0.95	1	1	1.705191
Gravel Truck_str	BOBJ1	24	After	Interior Girder 3	24	0.95	1	1	1.733828
Gravel Truck_str	BOBJ1	24	After	Interior Girder 4	24	0.95	1	1	1.739222
Gravel Truck_str	BOBJ1	24	After	Interior Girder 5	24	0.95	1	1	1.701589
Gravel Truck_str	BOBJ1	24	After	Interior Girder 6	24	0.95	1	1	1.724128
Gravel Truck_str	BOBJ1	24	After	Right Exterior Girder	24	0.95	1	1	2.68894
Gravel Truck_str	BOBJ1	32	Before	Left Exterior Girder	32	0.95	1	1	2.293228
Gravel Truck_str	BOBJ1	32	Before	Interior Girder 1	32	0.95	1	1	1.619311
Gravel Truck_str	BOBJ1	32	Before	Interior Girder 2	32	0.95	1	1	1.614687
Gravel Truck_str	BOBJ1	32	Before	Interior Girder 3	32	0.95	1	1	1.658029
Gravel Truck_str	BOBJ1	32	Before	Interior Girder 4	32	0.95	1	1	1.658157
Gravel Truck_str	BOBJ1	32	Before	Interior Girder 5	32	0.95	1	1	1.613511
Gravel Truck_str	BOBJ1	32	Before	Interior Girder 6	32	0.95	1	1	1.619178
Gravel Truck_str	BOBJ1	32	Before	Right Exterior Girder	32	0.95	1	1	2.296032
Gravel Truck_str	BOBJ1	32	After	Left Exterior Girder	32	0.95	1	1	2.301342
Gravel Truck_str	BOBJ1	32	After	Interior Girder 1	32	0.95	1	1	1.620428
Gravel Truck_str	BOBJ1	32	After	Interior Girder 2	32	0.95	1	1	1.61111
Gravel Truck_str	BOBJ1	32	After	Interior Girder 3	32	0.95	1	1	1.656243
Gravel Truck_str	BOBJ1	32	After	Interior Girder 4	32	0.95	1	1	1.65679
Gravel Truck_str	BOBJ1	32	After	Interior Girder 5	32	0.95	1	1	1.610476
Gravel Truck_str	BOBJ1	32	After	Interior Girder 6	32	0.95	1	1	1.620339
Gravel Truck_str	BOBJ1	32	After	Right Exterior Girder	32	0.95	1	1	2.304095
Gravel Truck_str	BOBJ1	40	Before	Left Exterior Girder	40	0.95	1	1	2.49985
Gravel Truck_str	BOBJ1	40	Before	Interior Girder 1	40	0.95	1	1	1.648046
Gravel Truck_str	BOBJ1	40	Before	Interior Girder 2	40	0.95	1	1	1.646436
Gravel Truck_str	BOBJ1	40	Before	Interior Girder 3	40	0.95	1	1	1.696083
Gravel Truck_str	BOBJ1	40	Before	Interior Girder 4	40	0.95	1	1	1.702168
Gravel Truck_str	BOBJ1	40	Before	Interior Girder 5	40	0.95	1	1	1.643596
Gravel Truck_str	BOBJ1	40	Before	Interior Girder 6	40	0.95	1	1	1.650493
Gravel Truck_str	BOBJ1	40	Before	Right Exterior Girder	40	0.95	1	1	2.502043
Gravel Truck_str	BOBJ1	40	After	Left Exterior Girder	40	0.95	1	1	2.496036
Gravel Truck_str	BOBJ1	40	After	Interior Girder 1	40	0.95	1	1	1.654247
Gravel Truck_str	BOBJ1	40	After	Interior Girder 2	40	0.95	1	1	1.642575
Gravel Truck_str	BOBJ1	40	After	Interior Girder 3	40	0.95	1	1	1.689837
Gravel Truck_str	BOBJ1	40	After	Interior Girder 4	40	0.95	1	1	1.694113
Gravel Truck_str	BOBJ1	40	After	Interior Girder 5	40	0.95	1	1	1.639299
Gravel Truck_str	BOBJ1	40	After	Interior Girder 6	40	0.95	1	1	1.657227
Gravel Truck_str	BOBJ1	40	After	Right Exterior Girder	40	0.95	1	1	2.498257
Gravel Truck_str	BOBJ1	46.5	Before	Left Exterior Girder	46.5	0.95	1	1	2.858939
Gravel Truck_str	BOBJ1	46.5	Before	Right Exterior Girder	46.5	0.95	1	1	2.862041
Gravel Truck_str	BOBJ1	46.5	After	Left Exterior Girder	46.5	0.95	1	1	1.967338
Gravel Truck_str	BOBJ1	46.5	After	Right Exterior Girder	46.5	0.95	1	1	1.969534
Gravel Truck_str	BOBJ1	48	Before	Left Exterior Girder	48	0.95	1	1	2.081565

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelINonCompStrgth-Flx - Approach, Span 4-6									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Gravel Truck_str	BOBJ1	48	Before	Interior Girder 1	48	0.95	1	1	2.037727
Gravel Truck_str	BOBJ1	48	Before	Interior Girder 2	48	0.95	1	1	2.041408
Gravel Truck_str	BOBJ1	48	Before	Interior Girder 3	48	0.95	1	1	2.085447
Gravel Truck_str	BOBJ1	48	Before	Interior Girder 4	48	0.95	1	1	2.086643
Gravel Truck_str	BOBJ1	48	Before	Interior Girder 5	48	0.95	1	1	2.041256
Gravel Truck_str	BOBJ1	48	Before	Interior Girder 6	48	0.95	1	1	2.037638
Gravel Truck_str	BOBJ1	48	Before	Right Exterior Girder	48	0.95	1	1	2.084007
Gravel Truck_str	BOBJ1	48	After	Left Exterior Girder	48	0.95	1	1	2.048579
Gravel Truck_str	BOBJ1	48	After	Interior Girder 1	48	0.95	1	1	2.061349
Gravel Truck_str	BOBJ1	48	After	Interior Girder 2	48	0.95	1	1	2.045178
Gravel Truck_str	BOBJ1	48	After	Interior Girder 3	48	0.95	1	1	2.083337
Gravel Truck_str	BOBJ1	48	After	Interior Girder 4	48	0.95	1	1	2.084046
Gravel Truck_str	BOBJ1	48	After	Interior Girder 5	48	0.95	1	1	2.04359
Gravel Truck_str	BOBJ1	48	After	Interior Girder 6	48	0.95	1	1	2.061217
Gravel Truck_str	BOBJ1	48	After	Right Exterior Girder	48	0.95	1	1	2.051092
Gravel Truck_str	BOBJ1	56	Before	Left Exterior Girder	56	0.95	1	1	3.250288
Gravel Truck_str	BOBJ1	56	Before	Interior Girder 1	56	0.95	1	1	2.82999
Gravel Truck_str	BOBJ1	56	Before	Interior Girder 2	56	0.95	1	1	2.746647
Gravel Truck_str	BOBJ1	56	Before	Interior Girder 3	56	0.95	1	1	2.775012
Gravel Truck_str	BOBJ1	56	Before	Interior Girder 4	56	0.95	1	1	2.788179
Gravel Truck_str	BOBJ1	56	Before	Interior Girder 5	56	0.95	1	1	2.741655
Gravel Truck_str	BOBJ1	56	Before	Interior Girder 6	56	0.95	1	1	2.836427
Gravel Truck_str	BOBJ1	56	Before	Right Exterior Girder	56	0.95	1	1	3.252811
Gravel Truck_str	BOBJ1	56	After	Left Exterior Girder	56	0.95	1	1	3.177413
Gravel Truck_str	BOBJ1	56	After	Interior Girder 1	56	0.95	1	1	2.87549
Gravel Truck_str	BOBJ1	56	After	Interior Girder 2	56	0.95	1	1	2.742667
Gravel Truck_str	BOBJ1	56	After	Interior Girder 3	56	0.95	1	1	2.752377
Gravel Truck_str	BOBJ1	56	After	Interior Girder 4	56	0.95	1	1	2.761077
Gravel Truck_str	BOBJ1	56	After	Interior Girder 5	56	0.95	1	1	2.735812
Gravel Truck_str	BOBJ1	56	After	Interior Girder 6	56	0.95	1	1	2.882318
Gravel Truck_str	BOBJ1	56	After	Right Exterior Girder	56	0.95	1	1	3.18049
Gravel Truck_str	BOBJ1	59	Before	Interior Girder 1	59	0.95	1	1	3.487853
Gravel Truck_str	BOBJ1	59	Before	Interior Girder 2	59	0.95	1	1	3.281942
Gravel Truck_str	BOBJ1	59	Before	Interior Girder 3	59	0.95	1	1	3.304737
Gravel Truck_str	BOBJ1	59	Before	Interior Girder 4	59	0.95	1	1	3.319997
Gravel Truck_str	BOBJ1	59	Before	Interior Girder 5	59	0.95	1	1	3.275179
Gravel Truck_str	BOBJ1	59	Before	Interior Girder 6	59	0.95	1	1	3.495338
Gravel Truck_str	BOBJ1	59	After	Interior Girder 1	59	0.95	1	1	1.779581
Gravel Truck_str	BOBJ1	59	After	Interior Girder 2	59	0.95	1	1	1.690458
Gravel Truck_str	BOBJ1	59	After	Interior Girder 3	59	0.95	1	1	1.657048
Gravel Truck_str	BOBJ1	59	After	Interior Girder 4	59	0.95	1	1	1.664594
Gravel Truck_str	BOBJ1	59	After	Interior Girder 5	59	0.95	1	1	1.687061
Gravel Truck_str	BOBJ1	59	After	Interior Girder 6	59	0.95	1	1	1.783317
Gravel Truck_str	BOBJ1	64	Before	Left Exterior Girder	64	0.95	1	1	5.655066
Gravel Truck_str	BOBJ1	64	Before	Interior Girder 1	64	0.95	1	1	3.083391
Gravel Truck_str	BOBJ1	64	Before	Interior Girder 2	64	0.95	1	1	2.755198
Gravel Truck_str	BOBJ1	64	Before	Interior Girder 3	64	0.95	1	1	2.77294
Gravel Truck_str	BOBJ1	64	Before	Interior Girder 4	64	0.95	1	1	2.774302
Gravel Truck_str	BOBJ1	64	Before	Interior Girder 5	64	0.95	1	1	2.755941
Gravel Truck_str	BOBJ1	64	Before	Interior Girder 6	64	0.95	1	1	3.082482
Gravel Truck_str	BOBJ1	64	Before	Right Exterior Girder	64	0.95	1	1	5.659857
Gravel Truck_str	BOBJ1	64	After	Left Exterior Girder	64	0.95	1	1	5.436519
Gravel Truck_str	BOBJ1	64	After	Interior Girder 1	64	0.95	1	1	3.114546
Gravel Truck_str	BOBJ1	64	After	Interior Girder 2	64	0.95	1	1	2.773155
Gravel Truck_str	BOBJ1	64	After	Interior Girder 3	64	0.95	1	1	2.73647
Gravel Truck_str	BOBJ1	64	After	Interior Girder 4	64	0.95	1	1	2.739042
Gravel Truck_str	BOBJ1	64	After	Interior Girder 5	64	0.95	1	1	2.773497
Gravel Truck_str	BOBJ1	64	After	Interior Girder 6	64	0.95	1	1	3.11483
Gravel Truck_str	BOBJ1	64	After	Right Exterior Girder	64	0.95	1	1	5.44108
Gravel Truck_str	BOBJ1	69	Before	Interior Girder 1	69	0.95	1	1	2.24453
Gravel Truck_str	BOBJ1	69	Before	Interior Girder 2	69	0.95	1	1	2.312098
Gravel Truck_str	BOBJ1	69	Before	Interior Girder 3	69	0.95	1	1	2.257919
Gravel Truck_str	BOBJ1	69	Before	Interior Girder 4	69	0.95	1	1	2.256851
Gravel Truck_str	BOBJ1	69	Before	Interior Girder 5	69	0.95	1	1	2.309576
Gravel Truck_str	BOBJ1	69	Before	Interior Girder 6	69	0.95	1	1	2.245075

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelINonCompStrgth-Flx - Approach, Span 4-6									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Gravel Truck_str	BOBJ1	69	After	Interior Girder 1	69	0.95	1	1	4.903068
Gravel Truck_str	BOBJ1	69	After	Interior Girder 2	69	0.95	1	1	4.962784
Gravel Truck_str	BOBJ1	69	After	Interior Girder 3	69	0.95	1	1	4.901794
Gravel Truck_str	BOBJ1	69	After	Interior Girder 4	69	0.95	1	1	4.899282
Gravel Truck_str	BOBJ1	69	After	Interior Girder 5	69	0.95	1	1	4.957662
Gravel Truck_str	BOBJ1	69	After	Interior Girder 6	69	0.95	1	1	4.904054
Gravel Truck_str	BOBJ1	72	Before	Left Exterior Girder	72	0.95	1	1	3.765479
Gravel Truck_str	BOBJ1	72	Before	Interior Girder 1	72	0.95	1	1	4.286197
Gravel Truck_str	BOBJ1	72	Before	Interior Girder 2	72	0.95	1	1	4.317142
Gravel Truck_str	BOBJ1	72	Before	Interior Girder 3	72	0.95	1	1	4.135603
Gravel Truck_str	BOBJ1	72	Before	Interior Girder 4	72	0.95	1	1	4.13352
Gravel Truck_str	BOBJ1	72	Before	Interior Girder 5	72	0.95	1	1	4.311896
Gravel Truck_str	BOBJ1	72	Before	Interior Girder 6	72	0.95	1	1	4.287476
Gravel Truck_str	BOBJ1	72	Before	Right Exterior Girder	72	0.95	1	1	3.769325
Gravel Truck_str	BOBJ1	72	After	Left Exterior Girder	72	0.95	1	1	3.793596
Gravel Truck_str	BOBJ1	72	After	Interior Girder 1	72	0.95	1	1	4.222238
Gravel Truck_str	BOBJ1	72	After	Interior Girder 2	72	0.95	1	1	4.26206
Gravel Truck_str	BOBJ1	72	After	Interior Girder 3	72	0.95	1	1	4.108874
Gravel Truck_str	BOBJ1	72	After	Interior Girder 4	72	0.95	1	1	4.106481
Gravel Truck_str	BOBJ1	72	After	Interior Girder 5	72	0.95	1	1	4.256726
Gravel Truck_str	BOBJ1	72	After	Interior Girder 6	72	0.95	1	1	4.223582
Gravel Truck_str	BOBJ1	72	After	Right Exterior Girder	72	0.95	1	1	3.797562
Gravel Truck_str	BOBJ1	72.5	Before	Left Exterior Girder	72.5	0.95	1	1	3.654928
Gravel Truck_str	BOBJ1	72.5	Before	Right Exterior Girder	72.5	0.95	1	1	3.658829
Gravel Truck_str	BOBJ1	72.5	After	Left Exterior Girder	72.5	0.95	1	1	5.556195
Gravel Truck_str	BOBJ1	72.5	After	Right Exterior Girder	72.5	0.95	1	1	5.56221
Gravel Truck_str	BOBJ1	80	Before	Left Exterior Girder	80	0.95	1	1	3.776746
Gravel Truck_str	BOBJ1	80	Before	Interior Girder 1	80	0.95	1	1	2.680401
Gravel Truck_str	BOBJ1	80	Before	Interior Girder 2	80	0.95	1	1	2.57538
Gravel Truck_str	BOBJ1	80	Before	Interior Girder 3	80	0.95	1	1	2.117517
Gravel Truck_str	BOBJ1	80	Before	Interior Girder 4	80	0.95	1	1	2.121185
Gravel Truck_str	BOBJ1	80	Before	Interior Girder 5	80	0.95	1	1	2.569581
Gravel Truck_str	BOBJ1	80	Before	Interior Girder 6	80	0.95	1	1	2.681702
Gravel Truck_str	BOBJ1	80	Before	Right Exterior Girder	80	0.95	1	1	3.781485
Gravel Truck_str	BOBJ1	80	After	Left Exterior Girder	0	0.95	1	1	3.650041
Gravel Truck_str	BOBJ1	80	After	Interior Girder 1	0	0.95	1	1	2.608255
Gravel Truck_str	BOBJ1	80	After	Interior Girder 2	0	0.95	1	1	2.542011
Gravel Truck_str	BOBJ1	80	After	Interior Girder 3	0	0.95	1	1	2.097038
Gravel Truck_str	BOBJ1	80	After	Interior Girder 4	0	0.95	1	1	2.101156
Gravel Truck_str	BOBJ1	80	After	Interior Girder 5	0	0.95	1	1	2.536508
Gravel Truck_str	BOBJ1	80	After	Interior Girder 6	0	0.95	1	1	2.612025
Gravel Truck_str	BOBJ1	80	After	Right Exterior Girder	0	0.95	1	1	3.655196
Gravel Truck_str	BOBJ1	87.5	Before	Left Exterior Girder	7.5	0.95	1	1	5.911354
Gravel Truck_str	BOBJ1	87.5	Before	Right Exterior Girder	7.5	0.95	1	1	5.917622
Gravel Truck_str	BOBJ1	87.5	After	Left Exterior Girder	7.5	0.95	1	1	3.81719
Gravel Truck_str	BOBJ1	87.5	After	Right Exterior Girder	7.5	0.95	1	1	3.821128
Gravel Truck_str	BOBJ1	88	Before	Left Exterior Girder	8	0.95	1	1	3.937678
Gravel Truck_str	BOBJ1	88	Before	Interior Girder 1	8	0.95	1	1	4.133646
Gravel Truck_str	BOBJ1	88	Before	Interior Girder 2	8	0.95	1	1	4.138512
Gravel Truck_str	BOBJ1	88	Before	Interior Girder 3	8	0.95	1	1	3.92837
Gravel Truck_str	BOBJ1	88	Before	Interior Girder 4	8	0.95	1	1	3.926103
Gravel Truck_str	BOBJ1	88	Before	Interior Girder 5	8	0.95	1	1	4.133189
Gravel Truck_str	BOBJ1	88	Before	Interior Girder 6	8	0.95	1	1	4.134891
Gravel Truck_str	BOBJ1	88	Before	Right Exterior Girder	8	0.95	1	1	3.941738
Gravel Truck_str	BOBJ1	88	After	Left Exterior Girder	8	0.95	1	1	3.95732
Gravel Truck_str	BOBJ1	88	After	Interior Girder 1	8	0.95	1	1	4.155369
Gravel Truck_str	BOBJ1	88	After	Interior Girder 2	8	0.95	1	1	4.189826
Gravel Truck_str	BOBJ1	88	After	Interior Girder 3	8	0.95	1	1	3.953832
Gravel Truck_str	BOBJ1	88	After	Interior Girder 4	8	0.95	1	1	3.951854
Gravel Truck_str	BOBJ1	88	After	Interior Girder 5	8	0.95	1	1	4.184697
Gravel Truck_str	BOBJ1	88	After	Interior Girder 6	8	0.95	1	1	4.156554
Gravel Truck_str	BOBJ1	88	After	Right Exterior Girder	8	0.95	1	1	3.961253
Gravel Truck_str	BOBJ1	91	Before	Interior Girder 1	11	0.95	1	1	4.685113
Gravel Truck_str	BOBJ1	91	Before	Interior Girder 2	11	0.95	1	1	4.780898
Gravel Truck_str	BOBJ1	91	Before	Interior Girder 3	11	0.95	1	1	4.675073

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelINonCompStrgth-Flx - Approach, Span 4-E									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Gravel Truck_str	BOBJ1	91	Before	Interior Girder 4	11	0.95	1	1	4.672655
Gravel Truck_str	BOBJ1	91	Before	Interior Girder 5	11	0.95	1	1	4.775909
Gravel Truck_str	BOBJ1	91	Before	Interior Girder 6	11	0.95	1	1	4.685989
Gravel Truck_str	BOBJ1	91	After	Interior Girder 1	11	0.95	1	1	1.91573
Gravel Truck_str	BOBJ1	91	After	Interior Girder 2	11	0.95	1	1	2.003033
Gravel Truck_str	BOBJ1	91	After	Interior Girder 3	11	0.95	1	1	1.934343
Gravel Truck_str	BOBJ1	91	After	Interior Girder 4	11	0.95	1	1	1.933427
Gravel Truck_str	BOBJ1	91	After	Interior Girder 5	11	0.95	1	1	2.000854
Gravel Truck_str	BOBJ1	91	After	Interior Girder 6	11	0.95	1	1	1.916156
Gravel Truck_str	BOBJ1	96	Before	Left Exterior Girder	16	0.95	1	1	5.82342
Gravel Truck_str	BOBJ1	96	Before	Interior Girder 1	16	0.95	1	1	2.610788
Gravel Truck_str	BOBJ1	96	Before	Interior Girder 2	16	0.95	1	1	2.744728
Gravel Truck_str	BOBJ1	96	Before	Interior Girder 3	16	0.95	1	1	2.877695
Gravel Truck_str	BOBJ1	96	Before	Interior Girder 4	16	0.95	1	1	2.876373
Gravel Truck_str	BOBJ1	96	Before	Interior Girder 5	16	0.95	1	1	2.742673
Gravel Truck_str	BOBJ1	96	Before	Interior Girder 6	16	0.95	1	1	2.610991
Gravel Truck_str	BOBJ1	96	Before	Right Exterior Girder	16	0.95	1	1	5.827955
Gravel Truck_str	BOBJ1	96	After	Left Exterior Girder	16	0.95	1	1	2.836429
Gravel Truck_str	BOBJ1	96	After	Interior Girder 1	16	0.95	1	1	3.087151
Gravel Truck_str	BOBJ1	96	After	Interior Girder 2	16	0.95	1	1	3.209109
Gravel Truck_str	BOBJ1	96	After	Interior Girder 3	16	0.95	1	1	3.32133
Gravel Truck_str	BOBJ1	96	After	Interior Girder 4	16	0.95	1	1	3.319969
Gravel Truck_str	BOBJ1	96	After	Interior Girder 5	16	0.95	1	1	3.206487
Gravel Truck_str	BOBJ1	96	After	Interior Girder 6	16	0.95	1	1	3.087491
Gravel Truck_str	BOBJ1	96	After	Right Exterior Girder	16	0.95	1	1	2.838734
Gravel Truck_str	BOBJ1	104	Before	Left Exterior Girder	24	0.95	1	1	2.68358
Gravel Truck_str	BOBJ1	104	Before	Interior Girder 1	24	0.95	1	1	2.18655
Gravel Truck_str	BOBJ1	104	Before	Interior Girder 2	24	0.95	1	1	2.082502
Gravel Truck_str	BOBJ1	104	Before	Interior Girder 3	24	0.95	1	1	2.048177
Gravel Truck_str	BOBJ1	104	Before	Interior Girder 4	24	0.95	1	1	2.058514
Gravel Truck_str	BOBJ1	104	Before	Interior Girder 5	24	0.95	1	1	2.078158
Gravel Truck_str	BOBJ1	104	Before	Interior Girder 6	24	0.95	1	1	2.192389
Gravel Truck_str	BOBJ1	104	Before	Right Exterior Girder	24	0.95	1	1	2.686148
Gravel Truck_str	BOBJ1	104	After	Left Exterior Girder	24	0.95	1	1	2.753621
Gravel Truck_str	BOBJ1	104	After	Interior Girder 1	24	0.95	1	1	2.149261
Gravel Truck_str	BOBJ1	104	After	Interior Girder 2	24	0.95	1	1	2.07752
Gravel Truck_str	BOBJ1	104	After	Interior Girder 3	24	0.95	1	1	2.07327
Gravel Truck_str	BOBJ1	104	After	Interior Girder 4	24	0.95	1	1	2.08489
Gravel Truck_str	BOBJ1	104	After	Interior Girder 5	24	0.95	1	1	2.074447
Gravel Truck_str	BOBJ1	104	After	Interior Girder 6	24	0.95	1	1	2.154766
Gravel Truck_str	BOBJ1	104	After	Right Exterior Girder	24	0.95	1	1	2.756101
Gravel Truck_str	BOBJ1	112	Before	Left Exterior Girder	32	0.95	1	1	1.763459
Gravel Truck_str	BOBJ1	112	Before	Interior Girder 1	32	0.95	1	1	1.694892
Gravel Truck_str	BOBJ1	112	Before	Interior Girder 2	32	0.95	1	1	1.674572
Gravel Truck_str	BOBJ1	112	Before	Interior Girder 3	32	0.95	1	1	1.705734
Gravel Truck_str	BOBJ1	112	Before	Interior Girder 4	32	0.95	1	1	1.706137
Gravel Truck_str	BOBJ1	112	Before	Interior Girder 5	32	0.95	1	1	1.674608
Gravel Truck_str	BOBJ1	112	Before	Interior Girder 6	32	0.95	1	1	1.694584
Gravel Truck_str	BOBJ1	112	Before	Right Exterior Girder	32	0.95	1	1	1.765898
Gravel Truck_str	BOBJ1	112	After	Left Exterior Girder	32	0.95	1	1	1.792535
Gravel Truck_str	BOBJ1	112	After	Interior Girder 1	32	0.95	1	1	1.677567
Gravel Truck_str	BOBJ1	112	After	Interior Girder 2	32	0.95	1	1	1.669125
Gravel Truck_str	BOBJ1	112	After	Interior Girder 3	32	0.95	1	1	1.707221
Gravel Truck_str	BOBJ1	112	After	Interior Girder 4	32	0.95	1	1	1.70753
Gravel Truck_str	BOBJ1	112	After	Interior Girder 5	32	0.95	1	1	1.669726
Gravel Truck_str	BOBJ1	112	After	Interior Girder 6	32	0.95	1	1	1.677318
Gravel Truck_str	BOBJ1	112	After	Right Exterior Girder	32	0.95	1	1	1.794813
Gravel Truck_str	BOBJ1	120	Before	Left Exterior Girder	40	0.95	1	1	1.658262
Gravel Truck_str	BOBJ1	120	Before	Interior Girder 1	40	0.95	1	1	1.472488
Gravel Truck_str	BOBJ1	120	Before	Interior Girder 2	40	0.95	1	1	1.469359
Gravel Truck_str	BOBJ1	120	Before	Interior Girder 3	40	0.95	1	1	1.488317
Gravel Truck_str	BOBJ1	120	Before	Interior Girder 4	40	0.95	1	1	1.493899
Gravel Truck_str	BOBJ1	120	Before	Interior Girder 5	40	0.95	1	1	1.466111
Gravel Truck_str	BOBJ1	120	Before	Interior Girder 6	40	0.95	1	1	1.475614
Gravel Truck_str	BOBJ1	120	Before	Right Exterior Girder	40	0.95	1	1	1.659723

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelINonCompStrgth-Flx - Approach, Span 4-E									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Gravel Truck_str	BOBJ1	120	After	Left Exterior Girder	40	0.95	1	1	1.660542
Gravel Truck_str	BOBJ1	120	After	Interior Girder 1	40	0.95	1	1	1.471044
Gravel Truck_str	BOBJ1	120	After	Interior Girder 2	40	0.95	1	1	1.468864
Gravel Truck_str	BOBJ1	120	After	Interior Girder 3	40	0.95	1	1	1.488691
Gravel Truck_str	BOBJ1	120	After	Interior Girder 4	40	0.95	1	1	1.494137
Gravel Truck_str	BOBJ1	120	After	Interior Girder 5	40	0.95	1	1	1.465574
Gravel Truck_str	BOBJ1	120	After	Interior Girder 6	40	0.95	1	1	1.474174
Gravel Truck_str	BOBJ1	120	After	Right Exterior Girder	40	0.95	1	1	1.662009
Gravel Truck_str	BOBJ1	128	Before	Left Exterior Girder	48	0.95	1	1	1.761591
Gravel Truck_str	BOBJ1	128	Before	Interior Girder 1	48	0.95	1	1	1.664035
Gravel Truck_str	BOBJ1	128	Before	Interior Girder 2	48	0.95	1	1	1.657826
Gravel Truck_str	BOBJ1	128	Before	Interior Girder 3	48	0.95	1	1	1.697116
Gravel Truck_str	BOBJ1	128	Before	Interior Girder 4	48	0.95	1	1	1.697414
Gravel Truck_str	BOBJ1	128	Before	Interior Girder 5	48	0.95	1	1	1.658394
Gravel Truck_str	BOBJ1	128	Before	Interior Girder 6	48	0.95	1	1	1.663781
Gravel Truck_str	BOBJ1	128	Before	Right Exterior Girder	48	0.95	1	1	1.763932
Gravel Truck_str	BOBJ1	128	After	Left Exterior Girder	48	0.95	1	1	1.736889
Gravel Truck_str	BOBJ1	128	After	Interior Girder 1	48	0.95	1	1	1.677429
Gravel Truck_str	BOBJ1	128	After	Interior Girder 2	48	0.95	1	1	1.663139
Gravel Truck_str	BOBJ1	128	After	Interior Girder 3	48	0.95	1	1	1.696461
Gravel Truck_str	BOBJ1	128	After	Interior Girder 4	48	0.95	1	1	1.696829
Gravel Truck_str	BOBJ1	128	After	Interior Girder 5	48	0.95	1	1	1.663142
Gravel Truck_str	BOBJ1	128	After	Interior Girder 6	48	0.95	1	1	1.677122
Gravel Truck_str	BOBJ1	128	After	Right Exterior Girder	48	0.95	1	1	1.73928
Gravel Truck_str	BOBJ1	136	Before	Left Exterior Girder	56	0.95	1	1	2.652306
Gravel Truck_str	BOBJ1	136	Before	Interior Girder 1	56	0.95	1	1	2.113804
Gravel Truck_str	BOBJ1	136	Before	Interior Girder 2	56	0.95	1	1	2.050899
Gravel Truck_str	BOBJ1	136	Before	Interior Girder 3	56	0.95	1	1	2.04965
Gravel Truck_str	BOBJ1	136	Before	Interior Girder 4	56	0.95	1	1	2.060961
Gravel Truck_str	BOBJ1	136	Before	Interior Girder 5	56	0.95	1	1	2.047829
Gravel Truck_str	BOBJ1	136	Before	Interior Girder 6	56	0.95	1	1	2.119145
Gravel Truck_str	BOBJ1	136	Before	Right Exterior Girder	56	0.95	1	1	2.654714
Gravel Truck_str	BOBJ1	136	After	Left Exterior Girder	56	0.95	1	1	2.589185
Gravel Truck_str	BOBJ1	136	After	Interior Girder 1	56	0.95	1	1	2.14714
Gravel Truck_str	BOBJ1	136	After	Interior Girder 2	56	0.95	1	1	2.056091
Gravel Truck_str	BOBJ1	136	After	Interior Girder 3	56	0.95	1	1	2.026708
Gravel Truck_str	BOBJ1	136	After	Interior Girder 4	56	0.95	1	1	2.036751
Gravel Truck_str	BOBJ1	136	After	Interior Girder 5	56	0.95	1	1	2.051779
Gravel Truck_str	BOBJ1	136	After	Interior Girder 6	56	0.95	1	1	2.152789
Gravel Truck_str	BOBJ1	136	After	Right Exterior Girder	56	0.95	1	1	2.59167
Gravel Truck_str	BOBJ1	144	Before	Left Exterior Girder	64	0.95	1	1	2.808967
Gravel Truck_str	BOBJ1	144	Before	Interior Girder 1	64	0.95	1	1	3.035487
Gravel Truck_str	BOBJ1	144	Before	Interior Girder 2	64	0.95	1	1	3.181082
Gravel Truck_str	BOBJ1	144	Before	Interior Girder 3	64	0.95	1	1	3.320344
Gravel Truck_str	BOBJ1	144	Before	Interior Girder 4	64	0.95	1	1	3.319074
Gravel Truck_str	BOBJ1	144	Before	Interior Girder 5	64	0.95	1	1	3.178659
Gravel Truck_str	BOBJ1	144	Before	Interior Girder 6	64	0.95	1	1	3.035824
Gravel Truck_str	BOBJ1	144	Before	Right Exterior Girder	64	0.95	1	1	2.811146
Gravel Truck_str	BOBJ1	144	After	Left Exterior Girder	64	0.95	1	1	5.307598
Gravel Truck_str	BOBJ1	144	After	Interior Girder 1	64	0.95	1	1	2.563082
Gravel Truck_str	BOBJ1	144	After	Interior Girder 2	64	0.95	1	1	2.719714
Gravel Truck_str	BOBJ1	144	After	Interior Girder 3	64	0.95	1	1	2.876592
Gravel Truck_str	BOBJ1	144	After	Interior Girder 4	64	0.95	1	1	2.875339
Gravel Truck_str	BOBJ1	144	After	Interior Girder 5	64	0.95	1	1	2.717817
Gravel Truck_str	BOBJ1	144	After	Interior Girder 6	64	0.95	1	1	2.563299
Gravel Truck_str	BOBJ1	144	After	Right Exterior Girder	64	0.95	1	1	5.311549
Gravel Truck_str	BOBJ1	150	Before	Interior Girder 1	70	0.95	1	1	1.74963
Gravel Truck_str	BOBJ1	150	Before	Interior Girder 2	70	0.95	1	1	1.848272
Gravel Truck_str	BOBJ1	150	Before	Interior Girder 3	70	0.95	1	1	1.785672
Gravel Truck_str	BOBJ1	150	Before	Interior Girder 4	70	0.95	1	1	1.784838
Gravel Truck_str	BOBJ1	150	Before	Interior Girder 5	70	0.95	1	1	1.846286
Gravel Truck_str	BOBJ1	150	Before	Interior Girder 6	70	0.95	1	1	1.750041
Gravel Truck_str	BOBJ1	150	After	Interior Girder 1	70	0.95	1	1	4.123909
Gravel Truck_str	BOBJ1	150	After	Interior Girder 2	70	0.95	1	1	4.230216
Gravel Truck_str	BOBJ1	150	After	Interior Girder 3	70	0.95	1	1	4.142654

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelINonCompStrgth-Flx - Approach, Span 4-6									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Gravel Truck_str	BOBJ1	150	After	Interior Girder 4	70	0.95	1	1	4.14054
Gravel Truck_str	BOBJ1	150	After	Interior Girder 5	70	0.95	1	1	4.225849
Gravel Truck_str	BOBJ1	150	After	Interior Girder 6	70	0.95	1	1	4.124725
Gravel Truck_str	BOBJ1	152	Before	Left Exterior Girder	72	0.95	1	1	3.535966
Gravel Truck_str	BOBJ1	152	Before	Interior Girder 1	72	0.95	1	1	3.773987
Gravel Truck_str	BOBJ1	152	Before	Interior Girder 2	72	0.95	1	1	3.860538
Gravel Truck_str	BOBJ1	152	Before	Interior Girder 3	72	0.95	1	1	3.692841
Gravel Truck_str	BOBJ1	152	Before	Interior Girder 4	72	0.95	1	1	3.690995
Gravel Truck_str	BOBJ1	152	Before	Interior Girder 5	72	0.95	1	1	3.8561
Gravel Truck_str	BOBJ1	152	Before	Interior Girder 6	72	0.95	1	1	3.774972
Gravel Truck_str	BOBJ1	152	Before	Right Exterior Girder	72	0.95	1	1	3.539339
Gravel Truck_str	BOBJ1	152	After	Left Exterior Girder	72	0.95	1	1	3.545819
Gravel Truck_str	BOBJ1	152	After	Interior Girder 1	72	0.95	1	1	3.744733
Gravel Truck_str	BOBJ1	152	After	Interior Girder 2	72	0.95	1	1	3.818598
Gravel Truck_str	BOBJ1	152	After	Interior Girder 3	72	0.95	1	1	3.67111
Gravel Truck_str	BOBJ1	152	After	Interior Girder 4	72	0.95	1	1	3.669032
Gravel Truck_str	BOBJ1	152	After	Interior Girder 5	72	0.95	1	1	3.813972
Gravel Truck_str	BOBJ1	152	After	Interior Girder 6	72	0.95	1	1	3.745759
Gravel Truck_str	BOBJ1	152	After	Right Exterior Girder	72	0.95	1	1	3.549311
Gravel Truck_str	BOBJ1	154	Before	Left Exterior Girder	74	0.95	1	1	3.10133
Gravel Truck_str	BOBJ1	154	Before	Right Exterior Girder	74	0.95	1	1	3.104525
Gravel Truck_str	BOBJ1	154	After	Left Exterior Girder	74	0.95	1	1	4.862524
Gravel Truck_str	BOBJ1	154	After	Right Exterior Girder	74	0.95	1	1	4.86764
Gravel Truck_str	BOBJ1	160	Before	Left Exterior Girder	80	0.95	1	1	3.348989
Gravel Truck_str	BOBJ1	160	Before	Interior Girder 1	80	0.95	1	1	2.422941
Gravel Truck_str	BOBJ1	160	Before	Interior Girder 2	80	0.95	1	1	2.3912
Gravel Truck_str	BOBJ1	160	Before	Interior Girder 3	80	0.95	1	1	1.978594
Gravel Truck_str	BOBJ1	160	Before	Interior Girder 4	80	0.95	1	1	1.982485
Gravel Truck_str	BOBJ1	160	Before	Interior Girder 5	80	0.95	1	1	2.386093
Gravel Truck_str	BOBJ1	160	Before	Interior Girder 6	80	0.95	1	1	2.42395
Gravel Truck_str	BOBJ1	160	Before	Right Exterior Girder	80	0.95	1	1	3.35282
Gravel Truck_str	BOBJ1	160	After	Left Exterior Girder	0	0.95	1	1	3.317467
Gravel Truck_str	BOBJ1	160	After	Interior Girder 1	0	0.95	1	1	2.359323
Gravel Truck_str	BOBJ1	160	After	Interior Girder 2	0	0.95	1	1	2.339502
Gravel Truck_str	BOBJ1	160	After	Interior Girder 3	0	0.95	1	1	1.937831
Gravel Truck_str	BOBJ1	160	After	Interior Girder 4	0	0.95	1	1	1.940906
Gravel Truck_str	BOBJ1	160	After	Interior Girder 5	0	0.95	1	1	2.334464
Gravel Truck_str	BOBJ1	160	After	Interior Girder 6	0	0.95	1	1	2.362445
Gravel Truck_str	BOBJ1	160	After	Right Exterior Girder	0	0.95	1	1	3.321536
Gravel Truck_str	BOBJ1	166	Before	Left Exterior Girder	6	0.95	1	1	4.977723
Gravel Truck_str	BOBJ1	166	Before	Right Exterior Girder	6	0.95	1	1	4.983339
Gravel Truck_str	BOBJ1	166	After	Left Exterior Girder	6	0.95	1	1	3.213576
Gravel Truck_str	BOBJ1	166	After	Right Exterior Girder	6	0.95	1	1	3.217155
Gravel Truck_str	BOBJ1	168	Before	Left Exterior Girder	8	0.95	1	1	3.696991
Gravel Truck_str	BOBJ1	168	Before	Interior Girder 1	8	0.95	1	1	4.087654
Gravel Truck_str	BOBJ1	168	Before	Interior Girder 2	8	0.95	1	1	4.149335
Gravel Truck_str	BOBJ1	168	Before	Interior Girder 3	8	0.95	1	1	3.993661
Gravel Truck_str	BOBJ1	168	Before	Interior Girder 4	8	0.95	1	1	3.991265
Gravel Truck_str	BOBJ1	168	Before	Interior Girder 5	8	0.95	1	1	4.144207
Gravel Truck_str	BOBJ1	168	Before	Interior Girder 6	8	0.95	1	1	4.088869
Gravel Truck_str	BOBJ1	168	Before	Right Exterior Girder	8	0.95	1	1	3.700871
Gravel Truck_str	BOBJ1	168	After	Left Exterior Girder	8	0.95	1	1	3.653217
Gravel Truck_str	BOBJ1	168	After	Interior Girder 1	8	0.95	1	1	4.160093
Gravel Truck_str	BOBJ1	168	After	Interior Girder 2	8	0.95	1	1	4.197813
Gravel Truck_str	BOBJ1	168	After	Interior Girder 3	8	0.95	1	1	4.019795
Gravel Truck_str	BOBJ1	168	After	Interior Girder 4	8	0.95	1	1	4.017711
Gravel Truck_str	BOBJ1	168	After	Interior Girder 5	8	0.95	1	1	4.192789
Gravel Truck_str	BOBJ1	168	After	Interior Girder 6	8	0.95	1	1	4.161271
Gravel Truck_str	BOBJ1	168	After	Right Exterior Girder	8	0.95	1	1	3.656968
Gravel Truck_str	BOBJ1	170	Before	Interior Girder 1	10	0.95	1	1	4.580632
Gravel Truck_str	BOBJ1	170	Before	Interior Girder 2	10	0.95	1	1	4.625103
Gravel Truck_str	BOBJ1	170	Before	Interior Girder 3	10	0.95	1	1	4.528639
Gravel Truck_str	BOBJ1	170	Before	Interior Girder 4	10	0.95	1	1	4.526256
Gravel Truck_str	BOBJ1	170	Before	Interior Girder 5	10	0.95	1	1	4.620138
Gravel Truck_str	BOBJ1	170	Before	Interior Girder 6	10	0.95	1	1	4.581624

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelINonCompStrgth-Flx - Approach, Span 4-E									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Gravel Truck_str	BOBJ1	170	After	Interior Girder 1	10	0.95	1	1	2.149522
Gravel Truck_str	BOBJ1	170	After	Interior Girder 2	10	0.95	1	1	2.227181
Gravel Truck_str	BOBJ1	170	After	Interior Girder 3	10	0.95	1	1	2.147664
Gravel Truck_str	BOBJ1	170	After	Interior Girder 4	10	0.95	1	1	2.146622
Gravel Truck_str	BOBJ1	170	After	Interior Girder 5	10	0.95	1	1	2.224673
Gravel Truck_str	BOBJ1	170	After	Interior Girder 6	10	0.95	1	1	2.150073
Gravel Truck_str	BOBJ1	176	Before	Left Exterior Girder	16	0.95	1	1	5.420486
Gravel Truck_str	BOBJ1	176	Before	Interior Girder 1	16	0.95	1	1	3.206132
Gravel Truck_str	BOBJ1	176	Before	Interior Girder 2	16	0.95	1	1	2.803474
Gravel Truck_str	BOBJ1	176	Before	Interior Girder 3	16	0.95	1	1	2.757419
Gravel Truck_str	BOBJ1	176	Before	Interior Girder 4	16	0.95	1	1	2.760442
Gravel Truck_str	BOBJ1	176	Before	Interior Girder 5	16	0.95	1	1	2.803948
Gravel Truck_str	BOBJ1	176	Before	Interior Girder 6	16	0.95	1	1	3.206419
Gravel Truck_str	BOBJ1	176	Before	Right Exterior Girder	16	0.95	1	1	5.424967
Gravel Truck_str	BOBJ1	176	After	Left Exterior Girder	16	0.95	1	1	5.628987
Gravel Truck_str	BOBJ1	176	After	Interior Girder 1	16	0.95	1	1	3.161273
Gravel Truck_str	BOBJ1	176	After	Interior Girder 2	16	0.95	1	1	2.785865
Gravel Truck_str	BOBJ1	176	After	Interior Girder 3	16	0.95	1	1	2.799926
Gravel Truck_str	BOBJ1	176	After	Interior Girder 4	16	0.95	1	1	2.801324
Gravel Truck_str	BOBJ1	176	After	Interior Girder 5	16	0.95	1	1	2.786761
Gravel Truck_str	BOBJ1	176	After	Interior Girder 6	16	0.95	1	1	3.158988
Gravel Truck_str	BOBJ1	176	After	Right Exterior Girder	16	0.95	1	1	5.633666
Gravel Truck_str	BOBJ1	181	Before	Interior Girder 1	21	0.95	1	1	1.810645
Gravel Truck_str	BOBJ1	181	Before	Interior Girder 2	21	0.95	1	1	1.712214
Gravel Truck_str	BOBJ1	181	Before	Interior Girder 3	21	0.95	1	1	1.685958
Gravel Truck_str	BOBJ1	181	Before	Interior Girder 4	21	0.95	1	1	1.693817
Gravel Truck_str	BOBJ1	181	Before	Interior Girder 5	21	0.95	1	1	1.708768
Gravel Truck_str	BOBJ1	181	Before	Interior Girder 6	21	0.95	1	1	1.814422
Gravel Truck_str	BOBJ1	181	After	Interior Girder 1	21	0.95	1	1	3.219867
Gravel Truck_str	BOBJ1	181	After	Interior Girder 2	21	0.95	1	1	3.019556
Gravel Truck_str	BOBJ1	181	After	Interior Girder 3	21	0.95	1	1	3.046636
Gravel Truck_str	BOBJ1	181	After	Interior Girder 4	21	0.95	1	1	3.061005
Gravel Truck_str	BOBJ1	181	After	Interior Girder 5	21	0.95	1	1	3.013297
Gravel Truck_str	BOBJ1	181	After	Interior Girder 6	21	0.95	1	1	3.226748
Gravel Truck_str	BOBJ1	184	Before	Left Exterior Girder	24	0.95	1	1	3.162271
Gravel Truck_str	BOBJ1	184	Before	Interior Girder 1	24	0.95	1	1	2.626121
Gravel Truck_str	BOBJ1	184	Before	Interior Girder 2	24	0.95	1	1	2.510082
Gravel Truck_str	BOBJ1	184	Before	Interior Girder 3	24	0.95	1	1	2.530181
Gravel Truck_str	BOBJ1	184	Before	Interior Girder 4	24	0.95	1	1	2.538947
Gravel Truck_str	BOBJ1	184	Before	Interior Girder 5	24	0.95	1	1	2.503847
Gravel Truck_str	BOBJ1	184	Before	Interior Girder 6	24	0.95	1	1	2.632354
Gravel Truck_str	BOBJ1	184	Before	Right Exterior Girder	24	0.95	1	1	3.165291
Gravel Truck_str	BOBJ1	184	After	Left Exterior Girder	24	0.95	1	1	3.238789
Gravel Truck_str	BOBJ1	184	After	Interior Girder 1	24	0.95	1	1	2.588938
Gravel Truck_str	BOBJ1	184	After	Interior Girder 2	24	0.95	1	1	2.509831
Gravel Truck_str	BOBJ1	184	After	Interior Girder 3	24	0.95	1	1	2.547254
Gravel Truck_str	BOBJ1	184	After	Interior Girder 4	24	0.95	1	1	2.559456
Gravel Truck_str	BOBJ1	184	After	Interior Girder 5	24	0.95	1	1	2.505105
Gravel Truck_str	BOBJ1	184	After	Interior Girder 6	24	0.95	1	1	2.594818
Gravel Truck_str	BOBJ1	184	After	Right Exterior Girder	24	0.95	1	1	3.241214
Gravel Truck_str	BOBJ1	192	Before	Left Exterior Girder	32	0.95	1	1	2.052966
Gravel Truck_str	BOBJ1	192	Before	Interior Girder 1	32	0.95	1	1	1.828958
Gravel Truck_str	BOBJ1	192	Before	Interior Girder 2	32	0.95	1	1	1.845138
Gravel Truck_str	BOBJ1	192	Before	Interior Girder 3	32	0.95	1	1	1.894069
Gravel Truck_str	BOBJ1	192	Before	Interior Girder 4	32	0.95	1	1	1.89483
Gravel Truck_str	BOBJ1	192	Before	Interior Girder 5	32	0.95	1	1	1.843757
Gravel Truck_str	BOBJ1	192	Before	Interior Girder 6	32	0.95	1	1	1.828855
Gravel Truck_str	BOBJ1	192	Before	Right Exterior Girder	32	0.95	1	1	2.055453
Gravel Truck_str	BOBJ1	192	After	Left Exterior Girder	32	0.95	1	1	2.094803
Gravel Truck_str	BOBJ1	192	After	Interior Girder 1	32	0.95	1	1	1.805077
Gravel Truck_str	BOBJ1	192	After	Interior Girder 2	32	0.95	1	1	1.837621
Gravel Truck_str	BOBJ1	192	After	Interior Girder 3	32	0.95	1	1	1.891278
Gravel Truck_str	BOBJ1	192	After	Interior Girder 4	32	0.95	1	1	1.892308
Gravel Truck_str	BOBJ1	192	After	Interior Girder 5	32	0.95	1	1	1.836948
Gravel Truck_str	BOBJ1	192	After	Interior Girder 6	32	0.95	1	1	1.805043

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelINonCompStrgth-Flx - Approach, Span 4-E									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Gravel Truck_str	BOBJ1	192	After	Right Exterior Girder	32	0.95	1	1	2.097194
Gravel Truck_str	BOBJ1	200	Before	Left Exterior Girder	40	0.95	1	1	1.726168
Gravel Truck_str	BOBJ1	200	Before	Interior Girder 1	40	0.95	1	1	1.433855
Gravel Truck_str	BOBJ1	200	Before	Interior Girder 2	40	0.95	1	1	1.46868
Gravel Truck_str	BOBJ1	200	Before	Interior Girder 3	40	0.95	1	1	1.529702
Gravel Truck_str	BOBJ1	200	Before	Interior Girder 4	40	0.95	1	1	1.533488
Gravel Truck_str	BOBJ1	200	Before	Interior Girder 5	40	0.95	1	1	1.465795
Gravel Truck_str	BOBJ1	200	Before	Interior Girder 6	40	0.95	1	1	1.43642
Gravel Truck_str	BOBJ1	200	Before	Right Exterior Girder	40	0.95	1	1	1.727639
Gravel Truck_str	BOBJ1	200	After	Left Exterior Girder	40	0.95	1	1	1.739965
Gravel Truck_str	BOBJ1	200	After	Interior Girder 1	40	0.95	1	1	1.426007
Gravel Truck_str	BOBJ1	200	After	Interior Girder 2	40	0.95	1	1	1.468701
Gravel Truck_str	BOBJ1	200	After	Interior Girder 3	40	0.95	1	1	1.530403
Gravel Truck_str	BOBJ1	200	After	Interior Girder 4	40	0.95	1	1	1.536034
Gravel Truck_str	BOBJ1	200	After	Interior Girder 5	40	0.95	1	1	1.465876
Gravel Truck_str	BOBJ1	200	After	Interior Girder 6	40	0.95	1	1	1.42849
Gravel Truck_str	BOBJ1	200	After	Right Exterior Girder	40	0.95	1	1	1.741432
Gravel Truck_str	BOBJ1	208	Before	Left Exterior Girder	48	0.95	1	1	1.59627
Gravel Truck_str	BOBJ1	208	Before	Interior Girder 1	48	0.95	1	1	1.375395
Gravel Truck_str	BOBJ1	208	Before	Interior Girder 2	48	0.95	1	1	1.4364
Gravel Truck_str	BOBJ1	208	Before	Interior Girder 3	48	0.95	1	1	1.494127
Gravel Truck_str	BOBJ1	208	Before	Interior Girder 4	48	0.95	1	1	1.494643
Gravel Truck_str	BOBJ1	208	Before	Interior Girder 5	48	0.95	1	1	1.435511
Gravel Truck_str	BOBJ1	208	Before	Interior Girder 6	48	0.95	1	1	1.375357
Gravel Truck_str	BOBJ1	208	Before	Right Exterior Girder	48	0.95	1	1	1.598121
Gravel Truck_str	BOBJ1	208	After	Left Exterior Girder	48	0.95	1	1	1.589042
Gravel Truck_str	BOBJ1	208	After	Interior Girder 1	48	0.95	1	1	1.375749
Gravel Truck_str	BOBJ1	208	After	Interior Girder 2	48	0.95	1	1	1.438064
Gravel Truck_str	BOBJ1	208	After	Interior Girder 3	48	0.95	1	1	1.493075
Gravel Truck_str	BOBJ1	208	After	Interior Girder 4	48	0.95	1	1	1.493316
Gravel Truck_str	BOBJ1	208	After	Interior Girder 5	48	0.95	1	1	1.437063
Gravel Truck_str	BOBJ1	208	After	Interior Girder 6	48	0.95	1	1	1.375686
Gravel Truck_str	BOBJ1	208	After	Right Exterior Girder	48	0.95	1	1	1.59094
Gravel Truck_str	BOBJ1	216	Before	Left Exterior Girder	56	0.95	1	1	1.863792
Gravel Truck_str	BOBJ1	216	Before	Interior Girder 1	56	0.95	1	1	1.502371
Gravel Truck_str	BOBJ1	216	Before	Interior Girder 2	56	0.95	1	1	1.533161
Gravel Truck_str	BOBJ1	216	Before	Interior Girder 3	56	0.95	1	1	1.589026
Gravel Truck_str	BOBJ1	216	Before	Interior Girder 4	56	0.95	1	1	1.594733
Gravel Truck_str	BOBJ1	216	Before	Interior Girder 5	56	0.95	1	1	1.530055
Gravel Truck_str	BOBJ1	216	Before	Interior Girder 6	56	0.95	1	1	1.505113
Gravel Truck_str	BOBJ1	216	Before	Right Exterior Girder	56	0.95	1	1	1.865517
Gravel Truck_str	BOBJ1	216	After	Left Exterior Girder	56	0.95	1	1	1.834504
Gravel Truck_str	BOBJ1	216	After	Interior Girder 1	56	0.95	1	1	1.510597
Gravel Truck_str	BOBJ1	216	After	Interior Girder 2	56	0.95	1	1	1.535129
Gravel Truck_str	BOBJ1	216	After	Interior Girder 3	56	0.95	1	1	1.575038
Gravel Truck_str	BOBJ1	216	After	Interior Girder 4	56	0.95	1	1	1.578724
Gravel Truck_str	BOBJ1	216	After	Interior Girder 5	56	0.95	1	1	1.5319
Gravel Truck_str	BOBJ1	216	After	Interior Girder 6	56	0.95	1	1	1.513461
Gravel Truck_str	BOBJ1	216	After	Right Exterior Girder	56	0.95	1	1	1.836275
Gravel Truck_str	BOBJ1	224	Before	Left Exterior Girder	64	0.95	1	1	2.5386
Gravel Truck_str	BOBJ1	224	Before	Interior Girder 1	64	0.95	1	1	2.159654
Gravel Truck_str	BOBJ1	224	Before	Interior Girder 2	64	0.95	1	1	2.134566
Gravel Truck_str	BOBJ1	224	Before	Interior Girder 3	64	0.95	1	1	2.178451
Gravel Truck_str	BOBJ1	224	Before	Interior Girder 4	64	0.95	1	1	2.17952
Gravel Truck_str	BOBJ1	224	Before	Interior Girder 5	64	0.95	1	1	2.134444
Gravel Truck_str	BOBJ1	224	Before	Interior Girder 6	64	0.95	1	1	2.15937
Gravel Truck_str	BOBJ1	224	Before	Right Exterior Girder	64	0.95	1	1	2.541052
Gravel Truck_str	BOBJ1	224	After	Left Exterior Girder	64	0.95	1	1	2.4715
Gravel Truck_str	BOBJ1	224	After	Interior Girder 1	64	0.95	1	1	2.198884
Gravel Truck_str	BOBJ1	224	After	Interior Girder 2	64	0.95	1	1	2.131132
Gravel Truck_str	BOBJ1	224	After	Interior Girder 3	64	0.95	1	1	2.143289
Gravel Truck_str	BOBJ1	224	After	Interior Girder 4	64	0.95	1	1	2.143637
Gravel Truck_str	BOBJ1	224	After	Interior Girder 5	64	0.95	1	1	2.12953
Gravel Truck_str	BOBJ1	224	After	Interior Girder 6	64	0.95	1	1	2.198747
Gravel Truck_str	BOBJ1	224	After	Right Exterior Girder	64	0.95	1	1	2.474168

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelINonCompStrgth-Flx - Approach, Span 4-E									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Gravel Truck_str	BOBJ1	232	Before	Left Exterior Girder	72	0.95	1	1	5.243337
Gravel Truck_str	BOBJ1	232	Before	Interior Girder 1	72	0.95	1	1	4.011671
Gravel Truck_str	BOBJ1	232	Before	Interior Girder 2	72	0.95	1	1	3.802938
Gravel Truck_str	BOBJ1	232	Before	Interior Girder 3	72	0.95	1	1	3.865582
Gravel Truck_str	BOBJ1	232	Before	Interior Girder 4	72	0.95	1	1	3.882488
Gravel Truck_str	BOBJ1	232	Before	Interior Girder 5	72	0.95	1	1	3.799295
Gravel Truck_str	BOBJ1	232	Before	Interior Girder 6	72	0.95	1	1	4.020756
Gravel Truck_str	BOBJ1	232	Before	Right Exterior Girder	72	0.95	1	1	5.249029
Gravel Truck_str	BOBJ1	232	After	Left Exterior Girder	72	0.95	1	1	5.199904
Gravel Truck_str	BOBJ1	232	After	Interior Girder 1	72	0.95	1	1	3.994242
Gravel Truck_str	BOBJ1	232	After	Interior Girder 2	72	0.95	1	1	3.748845
Gravel Truck_str	BOBJ1	232	After	Interior Girder 3	72	0.95	1	1	3.680115
Gravel Truck_str	BOBJ1	232	After	Interior Girder 4	72	0.95	1	1	3.696874
Gravel Truck_str	BOBJ1	232	After	Interior Girder 5	72	0.95	1	1	3.741525
Gravel Truck_str	BOBJ1	232	After	Interior Girder 6	72	0.95	1	1	4.005836
Gravel Truck_str	BOBJ1	232	After	Right Exterior Girder	72	0.95	1	1	5.205938
Gravel Truck_str	BOBJ1	240	Before	Left Exterior Girder	80	0.95	1	1	50.103354
Gravel Truck_str	BOBJ1	240	Before	Interior Girder 1	80	0.95	1	1	29.139873
Gravel Truck_str	BOBJ1	240	Before	Interior Girder 2	80	0.95	1	1	24.304687
Gravel Truck_str	BOBJ1	240	Before	Interior Girder 3	80	0.95	1	1	16.676599
Gravel Truck_str	BOBJ1	240	Before	Interior Girder 4	80	0.95	1	1	16.909008
Gravel Truck_str	BOBJ1	240	Before	Interior Girder 5	80	0.95	1	1	24.075012
Gravel Truck_str	BOBJ1	240	Before	Interior Girder 6	80	0.95	1	1	29.139873
Gravel Truck_str	BOBJ1	240	Before	Right Exterior Girder	80	0.95	1	1	49.912366
Annual Permit 1_str	BOBJ1	0	After	Left Exterior Girder	0	0.95	1	1	268.151709
Annual Permit 1_str	BOBJ1	0	After	Interior Girder 1	0	0.95	1	1	241.018178
Annual Permit 1_str	BOBJ1	0	After	Interior Girder 2	0	0.95	1	1	275.785286
Annual Permit 1_str	BOBJ1	0	After	Interior Girder 3	0	0.95	1	1	162.935487
Annual Permit 1_str	BOBJ1	0	After	Interior Girder 4	0	0.95	1	1	164.329931
Annual Permit 1_str	BOBJ1	0	After	Interior Girder 5	0	0.95	1	1	273.839577
Annual Permit 1_str	BOBJ1	0	After	Interior Girder 6	0	0.95	1	1	236.612104
Annual Permit 1_str	BOBJ1	0	After	Right Exterior Girder	0	0.95	1	1	275.485348
Annual Permit 1_str	BOBJ1	8	Before	Left Exterior Girder	8	0.95	1	1	4.064205
Annual Permit 1_str	BOBJ1	8	Before	Interior Girder 1	8	0.95	1	1	3.450558
Annual Permit 1_str	BOBJ1	8	Before	Interior Girder 2	8	0.95	1	1	3.564099
Annual Permit 1_str	BOBJ1	8	Before	Interior Girder 3	8	0.95	1	1	3.247559
Annual Permit 1_str	BOBJ1	8	Before	Interior Girder 4	8	0.95	1	1	3.266402
Annual Permit 1_str	BOBJ1	8	Before	Interior Girder 5	8	0.95	1	1	3.554448
Annual Permit 1_str	BOBJ1	8	Before	Interior Girder 6	8	0.95	1	1	3.46148
Annual Permit 1_str	BOBJ1	8	Before	Right Exterior Girder	8	0.95	1	1	4.068724
Annual Permit 1_str	BOBJ1	8	After	Left Exterior Girder	8	0.95	1	1	4.17341
Annual Permit 1_str	BOBJ1	8	After	Interior Girder 1	8	0.95	1	1	3.396173
Annual Permit 1_str	BOBJ1	8	After	Interior Girder 2	8	0.95	1	1	3.64223
Annual Permit 1_str	BOBJ1	8	After	Interior Girder 3	8	0.95	1	1	3.424232
Annual Permit 1_str	BOBJ1	8	After	Interior Girder 4	8	0.95	1	1	3.444639
Annual Permit 1_str	BOBJ1	8	After	Interior Girder 5	8	0.95	1	1	3.63323
Annual Permit 1_str	BOBJ1	8	After	Interior Girder 6	8	0.95	1	1	3.405919
Annual Permit 1_str	BOBJ1	8	After	Right Exterior Girder	8	0.95	1	1	4.177197
Annual Permit 1_str	BOBJ1	16	Before	Left Exterior Girder	16	0.95	1	1	1.949511
Annual Permit 1_str	BOBJ1	16	Before	Interior Girder 1	16	0.95	1	1	2.030723
Annual Permit 1_str	BOBJ1	16	Before	Interior Girder 2	16	0.95	1	1	2.252016
Annual Permit 1_str	BOBJ1	16	Before	Interior Girder 3	16	0.95	1	1	2.228117
Annual Permit 1_str	BOBJ1	16	Before	Interior Girder 4	16	0.95	1	1	2.228206
Annual Permit 1_str	BOBJ1	16	Before	Interior Girder 5	16	0.95	1	1	2.252385
Annual Permit 1_str	BOBJ1	16	Before	Interior Girder 6	16	0.95	1	1	2.030761
Annual Permit 1_str	BOBJ1	16	Before	Right Exterior Girder	16	0.95	1	1	1.952107
Annual Permit 1_str	BOBJ1	16	After	Left Exterior Girder	16	0.95	1	1	2.005803
Annual Permit 1_str	BOBJ1	16	After	Interior Girder 1	16	0.95	1	1	1.994138
Annual Permit 1_str	BOBJ1	16	After	Interior Girder 2	16	0.95	1	1	2.245487
Annual Permit 1_str	BOBJ1	16	After	Interior Girder 3	16	0.95	1	1	2.265863
Annual Permit 1_str	BOBJ1	16	After	Interior Girder 4	16	0.95	1	1	2.269827
Annual Permit 1_str	BOBJ1	16	After	Interior Girder 5	16	0.95	1	1	2.247298
Annual Permit 1_str	BOBJ1	16	After	Interior Girder 6	16	0.95	1	1	1.994304
Annual Permit 1_str	BOBJ1	16	After	Right Exterior Girder	16	0.95	1	1	2.008268
Annual Permit 1_str	BOBJ1	20.5	Before	Left Exterior Girder	20.5	0.95	1	1	1.630805

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelINonCompStrgth-Flx - Approach, Span 4-6									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Annual Permit 1_str	BOBJ1	20.5	Before	Right Exterior Girder	20.5	0.95	1	1	1.632647
Annual Permit 1_str	BOBJ1	20.5	After	Left Exterior Girder	20.5	0.95	1	1	2.422897
Annual Permit 1_str	BOBJ1	20.5	After	Right Exterior Girder	20.5	0.95	1	1	2.425484
Annual Permit 1_str	BOBJ1	24	Before	Left Exterior Girder	24	0.95	1	1	2.188394
Annual Permit 1_str	BOBJ1	24	Before	Interior Girder 1	24	0.95	1	1	1.505064
Annual Permit 1_str	BOBJ1	24	Before	Interior Girder 2	24	0.95	1	1	1.700855
Annual Permit 1_str	BOBJ1	24	Before	Interior Girder 3	24	0.95	1	1	1.699174
Annual Permit 1_str	BOBJ1	24	Before	Interior Girder 4	24	0.95	1	1	1.703657
Annual Permit 1_str	BOBJ1	24	Before	Interior Girder 5	24	0.95	1	1	1.698089
Annual Permit 1_str	BOBJ1	24	Before	Interior Girder 6	24	0.95	1	1	1.507358
Annual Permit 1_str	BOBJ1	24	Before	Right Exterior Girder	24	0.95	1	1	2.190664
Annual Permit 1_str	BOBJ1	24	After	Left Exterior Girder	24	0.95	1	1	2.201164
Annual Permit 1_str	BOBJ1	24	After	Interior Girder 1	24	0.95	1	1	1.511727
Annual Permit 1_str	BOBJ1	24	After	Interior Girder 2	24	0.95	1	1	1.698672
Annual Permit 1_str	BOBJ1	24	After	Interior Girder 3	24	0.95	1	1	1.711206
Annual Permit 1_str	BOBJ1	24	After	Interior Girder 4	24	0.95	1	1	1.718831
Annual Permit 1_str	BOBJ1	24	After	Interior Girder 5	24	0.95	1	1	1.695774
Annual Permit 1_str	BOBJ1	24	After	Interior Girder 6	24	0.95	1	1	1.5139
Annual Permit 1_str	BOBJ1	24	After	Right Exterior Girder	24	0.95	1	1	2.203386
Annual Permit 1_str	BOBJ1	32	Before	Left Exterior Girder	32	0.95	1	1	1.873727
Annual Permit 1_str	BOBJ1	32	Before	Interior Girder 1	32	0.95	1	1	1.440445
Annual Permit 1_str	BOBJ1	32	Before	Interior Girder 2	32	0.95	1	1	1.613509
Annual Permit 1_str	BOBJ1	32	Before	Interior Girder 3	32	0.95	1	1	1.694332
Annual Permit 1_str	BOBJ1	32	Before	Interior Girder 4	32	0.95	1	1	1.69509
Annual Permit 1_str	BOBJ1	32	Before	Interior Girder 5	32	0.95	1	1	1.616146
Annual Permit 1_str	BOBJ1	32	Before	Interior Girder 6	32	0.95	1	1	1.440244
Annual Permit 1_str	BOBJ1	32	Before	Right Exterior Girder	32	0.95	1	1	1.875752
Annual Permit 1_str	BOBJ1	32	After	Left Exterior Girder	32	0.95	1	1	1.887101
Annual Permit 1_str	BOBJ1	32	After	Interior Girder 1	32	0.95	1	1	1.436463
Annual Permit 1_str	BOBJ1	32	After	Interior Girder 2	32	0.95	1	1	1.607825
Annual Permit 1_str	BOBJ1	32	After	Interior Girder 3	32	0.95	1	1	1.697385
Annual Permit 1_str	BOBJ1	32	After	Interior Girder 4	32	0.95	1	1	1.696767
Annual Permit 1_str	BOBJ1	32	After	Interior Girder 5	32	0.95	1	1	1.608127
Annual Permit 1_str	BOBJ1	32	After	Interior Girder 6	32	0.95	1	1	1.436296
Annual Permit 1_str	BOBJ1	32	After	Right Exterior Girder	32	0.95	1	1	1.889162
Annual Permit 1_str	BOBJ1	40	Before	Left Exterior Girder	40	0.95	1	1	2.075029
Annual Permit 1_str	BOBJ1	40	Before	Interior Girder 1	40	0.95	1	1	1.475331
Annual Permit 1_str	BOBJ1	40	Before	Interior Girder 2	40	0.95	1	1	1.655821
Annual Permit 1_str	BOBJ1	40	Before	Interior Girder 3	40	0.95	1	1	1.696198
Annual Permit 1_str	BOBJ1	40	Before	Interior Girder 4	40	0.95	1	1	1.704722
Annual Permit 1_str	BOBJ1	40	Before	Interior Girder 5	40	0.95	1	1	1.654855
Annual Permit 1_str	BOBJ1	40	Before	Interior Girder 6	40	0.95	1	1	1.477301
Annual Permit 1_str	BOBJ1	40	Before	Right Exterior Girder	40	0.95	1	1	2.077203
Annual Permit 1_str	BOBJ1	40	After	Left Exterior Girder	40	0.95	1	1	2.074365
Annual Permit 1_str	BOBJ1	40	After	Interior Girder 1	40	0.95	1	1	1.477944
Annual Permit 1_str	BOBJ1	40	After	Interior Girder 2	40	0.95	1	1	1.650485
Annual Permit 1_str	BOBJ1	40	After	Interior Girder 3	40	0.95	1	1	1.687569
Annual Permit 1_str	BOBJ1	40	After	Interior Girder 4	40	0.95	1	1	1.692023
Annual Permit 1_str	BOBJ1	40	After	Interior Girder 5	40	0.95	1	1	1.648386
Annual Permit 1_str	BOBJ1	40	After	Interior Girder 6	40	0.95	1	1	1.480001
Annual Permit 1_str	BOBJ1	40	After	Right Exterior Girder	40	0.95	1	1	2.076607
Annual Permit 1_str	BOBJ1	46.5	Before	Left Exterior Girder	46.5	0.95	1	1	2.370229
Annual Permit 1_str	BOBJ1	46.5	Before	Right Exterior Girder	46.5	0.95	1	1	2.372507
Annual Permit 1_str	BOBJ1	46.5	After	Left Exterior Girder	46.5	0.95	1	1	1.632995
Annual Permit 1_str	BOBJ1	46.5	After	Right Exterior Girder	46.5	0.95	1	1	1.634631
Annual Permit 1_str	BOBJ1	48	Before	Left Exterior Girder	48	0.95	1	1	1.721587
Annual Permit 1_str	BOBJ1	48	Before	Interior Girder 1	48	0.95	1	1	1.846234
Annual Permit 1_str	BOBJ1	48	Before	Interior Girder 2	48	0.95	1	1	2.071548
Annual Permit 1_str	BOBJ1	48	Before	Interior Girder 3	48	0.95	1	1	2.166345
Annual Permit 1_str	BOBJ1	48	Before	Interior Girder 4	48	0.95	1	1	2.168118
Annual Permit 1_str	BOBJ1	48	Before	Interior Girder 5	48	0.95	1	1	2.071876
Annual Permit 1_str	BOBJ1	48	Before	Interior Girder 6	48	0.95	1	1	1.846274
Annual Permit 1_str	BOBJ1	48	Before	Right Exterior Girder	48	0.95	1	1	1.723418
Annual Permit 1_str	BOBJ1	48	After	Left Exterior Girder	48	0.95	1	1	1.688914
Annual Permit 1_str	BOBJ1	48	After	Interior Girder 1	48	0.95	1	1	1.869456

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelINonCompStrgth-Flx - Approach, Span 4-6									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Annual Permit 1_str	BOBJ1	48	After	Interior Girder 2	48	0.95	1	1	2.075771
Annual Permit 1_str	BOBJ1	48	After	Interior Girder 3	48	0.95	1	1	2.148645
Annual Permit 1_str	BOBJ1	48	After	Interior Girder 4	48	0.95	1	1	2.15094
Annual Permit 1_str	BOBJ1	48	After	Interior Girder 5	48	0.95	1	1	2.076377
Annual Permit 1_str	BOBJ1	48	After	Interior Girder 6	48	0.95	1	1	1.869506
Annual Permit 1_str	BOBJ1	48	After	Right Exterior Girder	48	0.95	1	1	1.690741
Annual Permit 1_str	BOBJ1	56	Before	Left Exterior Girder	56	0.95	1	1	2.683963
Annual Permit 1_str	BOBJ1	56	Before	Interior Girder 1	56	0.95	1	1	2.534219
Annual Permit 1_str	BOBJ1	56	Before	Interior Girder 2	56	0.95	1	1	2.75841
Annual Permit 1_str	BOBJ1	56	Before	Interior Girder 3	56	0.95	1	1	2.735174
Annual Permit 1_str	BOBJ1	56	Before	Interior Girder 4	56	0.95	1	1	2.750301
Annual Permit 1_str	BOBJ1	56	Before	Interior Girder 5	56	0.95	1	1	2.753978
Annual Permit 1_str	BOBJ1	56	Before	Interior Girder 6	56	0.95	1	1	2.539738
Annual Permit 1_str	BOBJ1	56	Before	Right Exterior Girder	56	0.95	1	1	2.686327
Annual Permit 1_str	BOBJ1	56	After	Left Exterior Girder	56	0.95	1	1	2.611119
Annual Permit 1_str	BOBJ1	56	After	Interior Girder 1	56	0.95	1	1	2.580847
Annual Permit 1_str	BOBJ1	56	After	Interior Girder 2	56	0.95	1	1	2.764206
Annual Permit 1_str	BOBJ1	56	After	Interior Girder 3	56	0.95	1	1	2.696839
Annual Permit 1_str	BOBJ1	56	After	Interior Girder 4	56	0.95	1	1	2.711528
Annual Permit 1_str	BOBJ1	56	After	Interior Girder 5	56	0.95	1	1	2.761595
Annual Permit 1_str	BOBJ1	56	After	Interior Girder 6	56	0.95	1	1	2.586828
Annual Permit 1_str	BOBJ1	56	After	Right Exterior Girder	56	0.95	1	1	2.61355
Annual Permit 1_str	BOBJ1	59	Before	Interior Girder 1	59	0.95	1	1	3.160909
Annual Permit 1_str	BOBJ1	59	Before	Interior Girder 2	59	0.95	1	1	3.333159
Annual Permit 1_str	BOBJ1	59	Before	Interior Girder 3	59	0.95	1	1	3.294491
Annual Permit 1_str	BOBJ1	59	Before	Interior Girder 4	59	0.95	1	1	3.314266
Annual Permit 1_str	BOBJ1	59	Before	Interior Girder 5	59	0.95	1	1	3.329547
Annual Permit 1_str	BOBJ1	59	Before	Interior Girder 6	59	0.95	1	1	3.166665
Annual Permit 1_str	BOBJ1	59	After	Interior Girder 1	59	0.95	1	1	1.613962
Annual Permit 1_str	BOBJ1	59	After	Interior Girder 2	59	0.95	1	1	1.723405
Annual Permit 1_str	BOBJ1	59	After	Interior Girder 3	59	0.95	1	1	1.647337
Annual Permit 1_str	BOBJ1	59	After	Interior Girder 4	59	0.95	1	1	1.657548
Annual Permit 1_str	BOBJ1	59	After	Interior Girder 5	59	0.95	1	1	1.72192
Annual Permit 1_str	BOBJ1	59	After	Interior Girder 6	59	0.95	1	1	1.616822
Annual Permit 1_str	BOBJ1	64	Before	Left Exterior Girder	64	0.95	1	1	4.327181
Annual Permit 1_str	BOBJ1	64	Before	Interior Girder 1	64	0.95	1	1	2.478488
Annual Permit 1_str	BOBJ1	64	Before	Interior Girder 2	64	0.95	1	1	2.799073
Annual Permit 1_str	BOBJ1	64	Before	Interior Girder 3	64	0.95	1	1	2.898343
Annual Permit 1_str	BOBJ1	64	Before	Interior Girder 4	64	0.95	1	1	2.906537
Annual Permit 1_str	BOBJ1	64	Before	Interior Girder 5	64	0.95	1	1	2.797627
Annual Permit 1_str	BOBJ1	64	Before	Interior Girder 6	64	0.95	1	1	2.479429
Annual Permit 1_str	BOBJ1	64	Before	Right Exterior Girder	64	0.95	1	1	4.331338
Annual Permit 1_str	BOBJ1	64	After	Left Exterior Girder	64	0.95	1	1	4.161737
Annual Permit 1_str	BOBJ1	64	After	Interior Girder 1	64	0.95	1	1	2.452252
Annual Permit 1_str	BOBJ1	64	After	Interior Girder 2	64	0.95	1	1	2.776443
Annual Permit 1_str	BOBJ1	64	After	Interior Girder 3	64	0.95	1	1	2.847749
Annual Permit 1_str	BOBJ1	64	After	Interior Girder 4	64	0.95	1	1	2.855981
Annual Permit 1_str	BOBJ1	64	After	Interior Girder 5	64	0.95	1	1	2.775094
Annual Permit 1_str	BOBJ1	64	After	Interior Girder 6	64	0.95	1	1	2.453192
Annual Permit 1_str	BOBJ1	64	After	Right Exterior Girder	64	0.95	1	1	4.165679
Annual Permit 1_str	BOBJ1	69	Before	Interior Girder 1	69	0.95	1	1	1.740734
Annual Permit 1_str	BOBJ1	69	Before	Interior Girder 2	69	0.95	1	1	2.0084
Annual Permit 1_str	BOBJ1	69	Before	Interior Girder 3	69	0.95	1	1	2.057686
Annual Permit 1_str	BOBJ1	69	Before	Interior Girder 4	69	0.95	1	1	2.056995
Annual Permit 1_str	BOBJ1	69	Before	Interior Girder 5	69	0.95	1	1	2.006843
Annual Permit 1_str	BOBJ1	69	Before	Interior Girder 6	69	0.95	1	1	1.741671
Annual Permit 1_str	BOBJ1	69	After	Interior Girder 1	69	0.95	1	1	3.807107
Annual Permit 1_str	BOBJ1	69	After	Interior Girder 2	69	0.95	1	1	4.302236
Annual Permit 1_str	BOBJ1	69	After	Interior Girder 3	69	0.95	1	1	4.484242
Annual Permit 1_str	BOBJ1	69	After	Interior Girder 4	69	0.95	1	1	4.48247
Annual Permit 1_str	BOBJ1	69	After	Interior Girder 5	69	0.95	1	1	4.299022
Annual Permit 1_str	BOBJ1	69	After	Interior Girder 6	69	0.95	1	1	3.809073
Annual Permit 1_str	BOBJ1	72	Before	Left Exterior Girder	72	0.95	1	1	2.889065
Annual Permit 1_str	BOBJ1	72	Before	Interior Girder 1	72	0.95	1	1	3.280277
Annual Permit 1_str	BOBJ1	72	Before	Interior Girder 2	72	0.95	1	1	3.60951

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelINonCompStrgth-Flx - Approach, Span 4-6									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Annual Permit 1_str	BOBJ1	72	Before	Interior Girder 3	72	0.95	1	1	3.260035
Annual Permit 1_str	BOBJ1	72	Before	Interior Girder 4	72	0.95	1	1	3.265911
Annual Permit 1_str	BOBJ1	72	Before	Interior Girder 5	72	0.95	1	1	3.606378
Annual Permit 1_str	BOBJ1	72	Before	Interior Girder 6	72	0.95	1	1	3.282259
Annual Permit 1_str	BOBJ1	72	Before	Right Exterior Girder	72	0.95	1	1	2.892443
Annual Permit 1_str	BOBJ1	72	After	Left Exterior Girder	72	0.95	1	1	2.923325
Annual Permit 1_str	BOBJ1	72	After	Interior Girder 1	72	0.95	1	1	3.205132
Annual Permit 1_str	BOBJ1	72	After	Interior Girder 2	72	0.95	1	1	3.58859
Annual Permit 1_str	BOBJ1	72	After	Interior Girder 3	72	0.95	1	1	3.302577
Annual Permit 1_str	BOBJ1	72	After	Interior Girder 4	72	0.95	1	1	3.309069
Annual Permit 1_str	BOBJ1	72	After	Interior Girder 5	72	0.95	1	1	3.582473
Annual Permit 1_str	BOBJ1	72	After	Interior Girder 6	72	0.95	1	1	3.207466
Annual Permit 1_str	BOBJ1	72	After	Right Exterior Girder	72	0.95	1	1	2.926793
Annual Permit 1_str	BOBJ1	72.5	Before	Left Exterior Girder	72.5	0.95	1	1	2.817641
Annual Permit 1_str	BOBJ1	72.5	Before	Right Exterior Girder	72.5	0.95	1	1	2.821044
Annual Permit 1_str	BOBJ1	72.5	After	Left Exterior Girder	72.5	0.95	1	1	4.290502
Annual Permit 1_str	BOBJ1	72.5	After	Right Exterior Girder	72.5	0.95	1	1	4.295809
Annual Permit 1_str	BOBJ1	80	Before	Left Exterior Girder	80	0.95	1	1	1.978423
Annual Permit 1_str	BOBJ1	80	Before	Interior Girder 1	80	0.95	1	1	1.278582
Annual Permit 1_str	BOBJ1	80	Before	Interior Girder 2	80	0.95	1	1	1.425741
Annual Permit 1_str	BOBJ1	80	Before	Interior Girder 3	80	0.95	1	1	1.135821
Annual Permit 1_str	BOBJ1	80	Before	Interior Girder 4	80	0.95	1	1	1.137941
Annual Permit 1_str	BOBJ1	80	Before	Interior Girder 5	80	0.95	1	1	1.422059
Annual Permit 1_str	BOBJ1	80	Before	Interior Girder 6	80	0.95	1	1	1.280003
Annual Permit 1_str	BOBJ1	80	Before	Right Exterior Girder	80	0.95	1	1	1.981673
Annual Permit 1_str	BOBJ1	80	After	Left Exterior Girder	0	0.95	1	1	1.968656
Annual Permit 1_str	BOBJ1	80	After	Interior Girder 1	0	0.95	1	1	1.280351
Annual Permit 1_str	BOBJ1	80	After	Interior Girder 2	0	0.95	1	1	1.42263
Annual Permit 1_str	BOBJ1	80	After	Interior Girder 3	0	0.95	1	1	1.131313
Annual Permit 1_str	BOBJ1	80	After	Interior Girder 4	0	0.95	1	1	1.133984
Annual Permit 1_str	BOBJ1	80	After	Interior Girder 5	0	0.95	1	1	1.418938
Annual Permit 1_str	BOBJ1	80	After	Interior Girder 6	0	0.95	1	1	1.281718
Annual Permit 1_str	BOBJ1	80	After	Right Exterior Girder	0	0.95	1	1	1.972119
Annual Permit 1_str	BOBJ1	87.5	Before	Left Exterior Girder	7.5	0.95	1	1	4.19716
Annual Permit 1_str	BOBJ1	87.5	Before	Right Exterior Girder	7.5	0.95	1	1	4.201893
Annual Permit 1_str	BOBJ1	87.5	After	Left Exterior Girder	7.5	0.95	1	1	2.650386
Annual Permit 1_str	BOBJ1	87.5	After	Right Exterior Girder	7.5	0.95	1	1	2.653176
Annual Permit 1_str	BOBJ1	88	Before	Left Exterior Girder	8	0.95	1	1	2.839063
Annual Permit 1_str	BOBJ1	88	Before	Interior Girder 1	8	0.95	1	1	2.982442
Annual Permit 1_str	BOBJ1	88	Before	Interior Girder 2	8	0.95	1	1	3.326227
Annual Permit 1_str	BOBJ1	88	Before	Interior Girder 3	8	0.95	1	1	2.998256
Annual Permit 1_str	BOBJ1	88	Before	Interior Girder 4	8	0.95	1	1	3.012144
Annual Permit 1_str	BOBJ1	88	Before	Interior Girder 5	8	0.95	1	1	3.332504
Annual Permit 1_str	BOBJ1	88	Before	Interior Girder 6	8	0.95	1	1	2.983927
Annual Permit 1_str	BOBJ1	88	Before	Right Exterior Girder	8	0.95	1	1	2.842129
Annual Permit 1_str	BOBJ1	88	After	Left Exterior Girder	8	0.95	1	1	2.775821
Annual Permit 1_str	BOBJ1	88	After	Interior Girder 1	8	0.95	1	1	3.024502
Annual Permit 1_str	BOBJ1	88	After	Interior Girder 2	8	0.95	1	1	3.34023
Annual Permit 1_str	BOBJ1	88	After	Interior Girder 3	8	0.95	1	1	2.970608
Annual Permit 1_str	BOBJ1	88	After	Interior Girder 4	8	0.95	1	1	2.980726
Annual Permit 1_str	BOBJ1	88	After	Interior Girder 5	8	0.95	1	1	3.348323
Annual Permit 1_str	BOBJ1	88	After	Interior Girder 6	8	0.95	1	1	3.025613
Annual Permit 1_str	BOBJ1	88	After	Right Exterior Girder	8	0.95	1	1	2.77873
Annual Permit 1_str	BOBJ1	91	Before	Interior Girder 1	11	0.95	1	1	3.498853
Annual Permit 1_str	BOBJ1	91	Before	Interior Girder 2	11	0.95	1	1	4.016873
Annual Permit 1_str	BOBJ1	91	Before	Interior Girder 3	11	0.95	1	1	4.140305
Annual Permit 1_str	BOBJ1	91	Before	Interior Girder 4	11	0.95	1	1	4.137675
Annual Permit 1_str	BOBJ1	91	Before	Interior Girder 5	11	0.95	1	1	4.01295
Annual Permit 1_str	BOBJ1	91	Before	Interior Girder 6	11	0.95	1	1	3.49993
Annual Permit 1_str	BOBJ1	91	After	Interior Girder 1	11	0.95	1	1	1.430313
Annual Permit 1_str	BOBJ1	91	After	Interior Girder 2	11	0.95	1	1	1.686231
Annual Permit 1_str	BOBJ1	91	After	Interior Girder 3	11	0.95	1	1	1.708417
Annual Permit 1_str	BOBJ1	91	After	Interior Girder 4	11	0.95	1	1	1.707534
Annual Permit 1_str	BOBJ1	91	After	Interior Girder 5	11	0.95	1	1	1.684547
Annual Permit 1_str	BOBJ1	91	After	Interior Girder 6	11	0.95	1	1	1.430776

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelINonCompStrgth-Flx - Approach, Span 4-6									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Annual Permit 1_str	BOBJ1	96	Before	Left Exterior Girder	16	0.95	1	1	4.27071
Annual Permit 1_str	BOBJ1	96	Before	Interior Girder 1	16	0.95	1	1	1.975455
Annual Permit 1_str	BOBJ1	96	Before	Interior Girder 2	16	0.95	1	1	2.301322
Annual Permit 1_str	BOBJ1	96	Before	Interior Girder 3	16	0.95	1	1	2.640923
Annual Permit 1_str	BOBJ1	96	Before	Interior Girder 4	16	0.95	1	1	2.638783
Annual Permit 1_str	BOBJ1	96	Before	Interior Girder 5	16	0.95	1	1	2.29968
Annual Permit 1_str	BOBJ1	96	Before	Interior Girder 6	16	0.95	1	1	1.975752
Annual Permit 1_str	BOBJ1	96	Before	Right Exterior Girder	16	0.95	1	1	4.274445
Annual Permit 1_str	BOBJ1	96	After	Left Exterior Girder	16	0.95	1	1	2.076104
Annual Permit 1_str	BOBJ1	96	After	Interior Girder 1	16	0.95	1	1	2.337657
Annual Permit 1_str	BOBJ1	96	After	Interior Girder 2	16	0.95	1	1	2.696358
Annual Permit 1_str	BOBJ1	96	After	Interior Girder 3	16	0.95	1	1	3.035364
Annual Permit 1_str	BOBJ1	96	After	Interior Girder 4	16	0.95	1	1	3.033175
Annual Permit 1_str	BOBJ1	96	After	Interior Girder 5	16	0.95	1	1	2.694338
Annual Permit 1_str	BOBJ1	96	After	Interior Girder 6	16	0.95	1	1	2.338
Annual Permit 1_str	BOBJ1	96	After	Right Exterior Girder	16	0.95	1	1	2.07799
Annual Permit 1_str	BOBJ1	104	Before	Left Exterior Girder	24	0.95	1	1	2.326568
Annual Permit 1_str	BOBJ1	104	Before	Interior Girder 1	24	0.95	1	1	2.051814
Annual Permit 1_str	BOBJ1	104	Before	Interior Girder 2	24	0.95	1	1	2.149998
Annual Permit 1_str	BOBJ1	104	Before	Interior Girder 3	24	0.95	1	1	2.036548
Annual Permit 1_str	BOBJ1	104	Before	Interior Girder 4	24	0.95	1	1	2.04856
Annual Permit 1_str	BOBJ1	104	Before	Interior Girder 5	24	0.95	1	1	2.14516
Annual Permit 1_str	BOBJ1	104	Before	Interior Girder 6	24	0.95	1	1	2.056935
Annual Permit 1_str	BOBJ1	104	Before	Right Exterior Girder	24	0.95	1	1	2.32893
Annual Permit 1_str	BOBJ1	104	After	Left Exterior Girder	24	0.95	1	1	2.408668
Annual Permit 1_str	BOBJ1	104	After	Interior Girder 1	24	0.95	1	1	2.002548
Annual Permit 1_str	BOBJ1	104	After	Interior Girder 2	24	0.95	1	1	2.133718
Annual Permit 1_str	BOBJ1	104	After	Interior Girder 3	24	0.95	1	1	2.069926
Annual Permit 1_str	BOBJ1	104	After	Interior Girder 4	24	0.95	1	1	2.082256
Annual Permit 1_str	BOBJ1	104	After	Interior Girder 5	24	0.95	1	1	2.128044
Annual Permit 1_str	BOBJ1	104	After	Interior Girder 6	24	0.95	1	1	2.00723
Annual Permit 1_str	BOBJ1	104	After	Right Exterior Girder	24	0.95	1	1	2.410893
Annual Permit 1_str	BOBJ1	112	Before	Left Exterior Girder	32	0.95	1	1	1.518963
Annual Permit 1_str	BOBJ1	112	Before	Interior Girder 1	32	0.95	1	1	1.568599
Annual Permit 1_str	BOBJ1	112	Before	Interior Girder 2	32	0.95	1	1	1.732878
Annual Permit 1_str	BOBJ1	112	Before	Interior Girder 3	32	0.95	1	1	1.783133
Annual Permit 1_str	BOBJ1	112	Before	Interior Girder 4	32	0.95	1	1	1.784408
Annual Permit 1_str	BOBJ1	112	Before	Interior Girder 5	32	0.95	1	1	1.733117
Annual Permit 1_str	BOBJ1	112	Before	Interior Girder 6	32	0.95	1	1	1.568404
Annual Permit 1_str	BOBJ1	112	Before	Right Exterior Girder	32	0.95	1	1	1.520762
Annual Permit 1_str	BOBJ1	112	After	Left Exterior Girder	32	0.95	1	1	1.548204
Annual Permit 1_str	BOBJ1	112	After	Interior Girder 1	32	0.95	1	1	1.549397
Annual Permit 1_str	BOBJ1	112	After	Interior Girder 2	32	0.95	1	1	1.72659
Annual Permit 1_str	BOBJ1	112	After	Interior Girder 3	32	0.95	1	1	1.793444
Annual Permit 1_str	BOBJ1	112	After	Interior Girder 4	32	0.95	1	1	1.794599
Annual Permit 1_str	BOBJ1	112	After	Interior Girder 5	32	0.95	1	1	1.726559
Annual Permit 1_str	BOBJ1	112	After	Interior Girder 6	32	0.95	1	1	1.549179
Annual Permit 1_str	BOBJ1	112	After	Right Exterior Girder	32	0.95	1	1	1.550056
Annual Permit 1_str	BOBJ1	120	Before	Left Exterior Girder	40	0.95	1	1	1.432502
Annual Permit 1_str	BOBJ1	120	Before	Interior Girder 1	40	0.95	1	1	1.354932
Annual Permit 1_str	BOBJ1	120	Before	Interior Girder 2	40	0.95	1	1	1.509762
Annual Permit 1_str	BOBJ1	120	Before	Interior Girder 3	40	0.95	1	1	1.509595
Annual Permit 1_str	BOBJ1	120	Before	Interior Girder 4	40	0.95	1	1	1.518282
Annual Permit 1_str	BOBJ1	120	Before	Interior Girder 5	40	0.95	1	1	1.507328
Annual Permit 1_str	BOBJ1	120	Before	Interior Girder 6	40	0.95	1	1	1.357299
Annual Permit 1_str	BOBJ1	120	Before	Right Exterior Girder	40	0.95	1	1	1.433569
Annual Permit 1_str	BOBJ1	120	After	Left Exterior Girder	40	0.95	1	1	1.43382
Annual Permit 1_str	BOBJ1	120	After	Interior Girder 1	40	0.95	1	1	1.353706
Annual Permit 1_str	BOBJ1	120	After	Interior Girder 2	40	0.95	1	1	1.508725
Annual Permit 1_str	BOBJ1	120	After	Interior Girder 3	40	0.95	1	1	1.509799
Annual Permit 1_str	BOBJ1	120	After	Interior Girder 4	40	0.95	1	1	1.518852
Annual Permit 1_str	BOBJ1	120	After	Interior Girder 5	40	0.95	1	1	1.506267
Annual Permit 1_str	BOBJ1	120	After	Interior Girder 6	40	0.95	1	1	1.355985
Annual Permit 1_str	BOBJ1	120	After	Right Exterior Girder	40	0.95	1	1	1.434898
Annual Permit 1_str	BOBJ1	128	Before	Left Exterior Girder	48	0.95	1	1	1.518809

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelINonCompStrgth-Flx - Approach, Span 4-E									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Annual Permit 1_str	BOBJ1	128	Before	Interior Girder 1	48	0.95	1	1	1.535837
Annual Permit 1_str	BOBJ1	128	Before	Interior Girder 2	48	0.95	1	1	1.714341
Annual Permit 1_str	BOBJ1	128	Before	Interior Girder 3	48	0.95	1	1	1.783688
Annual Permit 1_str	BOBJ1	128	Before	Interior Girder 4	48	0.95	1	1	1.784795
Annual Permit 1_str	BOBJ1	128	Before	Interior Girder 5	48	0.95	1	1	1.714356
Annual Permit 1_str	BOBJ1	128	Before	Interior Girder 6	48	0.95	1	1	1.535631
Annual Permit 1_str	BOBJ1	128	Before	Right Exterior Girder	48	0.95	1	1	1.52062
Annual Permit 1_str	BOBJ1	128	After	Left Exterior Girder	48	0.95	1	1	1.494061
Annual Permit 1_str	BOBJ1	128	After	Interior Girder 1	48	0.95	1	1	1.550897
Annual Permit 1_str	BOBJ1	128	After	Interior Girder 2	48	0.95	1	1	1.719972
Annual Permit 1_str	BOBJ1	128	After	Interior Girder 3	48	0.95	1	1	1.774535
Annual Permit 1_str	BOBJ1	128	After	Interior Girder 4	48	0.95	1	1	1.775755
Annual Permit 1_str	BOBJ1	128	After	Interior Girder 5	48	0.95	1	1	1.720269
Annual Permit 1_str	BOBJ1	128	After	Interior Girder 6	48	0.95	1	1	1.550715
Annual Permit 1_str	BOBJ1	128	After	Right Exterior Girder	48	0.95	1	1	1.495821
Annual Permit 1_str	BOBJ1	136	Before	Left Exterior Girder	56	0.95	1	1	2.3106
Annual Permit 1_str	BOBJ1	136	Before	Interior Girder 1	56	0.95	1	1	1.965201
Annual Permit 1_str	BOBJ1	136	Before	Interior Girder 2	56	0.95	1	1	2.104443
Annual Permit 1_str	BOBJ1	136	Before	Interior Girder 3	56	0.95	1	1	2.046459
Annual Permit 1_str	BOBJ1	136	Before	Interior Girder 4	56	0.95	1	1	2.058467
Annual Permit 1_str	BOBJ1	136	Before	Interior Girder 5	56	0.95	1	1	2.099002
Annual Permit 1_str	BOBJ1	136	Before	Interior Girder 6	56	0.95	1	1	1.969688
Annual Permit 1_str	BOBJ1	136	Before	Right Exterior Girder	56	0.95	1	1	2.31274
Annual Permit 1_str	BOBJ1	136	After	Left Exterior Girder	56	0.95	1	1	2.236792
Annual Permit 1_str	BOBJ1	136	After	Interior Girder 1	56	0.95	1	1	2.009471
Annual Permit 1_str	BOBJ1	136	After	Interior Girder 2	56	0.95	1	1	2.120271
Annual Permit 1_str	BOBJ1	136	After	Interior Girder 3	56	0.95	1	1	2.015394
Annual Permit 1_str	BOBJ1	136	After	Interior Girder 4	56	0.95	1	1	2.02729
Annual Permit 1_str	BOBJ1	136	After	Interior Girder 5	56	0.95	1	1	2.115776
Annual Permit 1_str	BOBJ1	136	After	Interior Girder 6	56	0.95	1	1	2.01436
Annual Permit 1_str	BOBJ1	136	After	Right Exterior Girder	56	0.95	1	1	2.23906
Annual Permit 1_str	BOBJ1	144	Before	Left Exterior Girder	64	0.95	1	1	2.064632
Annual Permit 1_str	BOBJ1	144	Before	Interior Girder 1	64	0.95	1	1	2.307956
Annual Permit 1_str	BOBJ1	144	Before	Interior Girder 2	64	0.95	1	1	2.670886
Annual Permit 1_str	BOBJ1	144	Before	Interior Girder 3	64	0.95	1	1	3.062673
Annual Permit 1_str	BOBJ1	144	Before	Interior Girder 4	64	0.95	1	1	3.060617
Annual Permit 1_str	BOBJ1	144	Before	Interior Girder 5	64	0.95	1	1	2.668964
Annual Permit 1_str	BOBJ1	144	Before	Interior Girder 6	64	0.95	1	1	2.30828
Annual Permit 1_str	BOBJ1	144	Before	Right Exterior Girder	64	0.95	1	1	2.066407
Annual Permit 1_str	BOBJ1	144	After	Left Exterior Girder	64	0.95	1	1	3.908726
Annual Permit 1_str	BOBJ1	144	After	Interior Girder 1	64	0.95	1	1	1.946987
Annual Permit 1_str	BOBJ1	144	After	Interior Girder 2	64	0.95	1	1	2.279035
Annual Permit 1_str	BOBJ1	144	After	Interior Girder 3	64	0.95	1	1	2.663274
Annual Permit 1_str	BOBJ1	144	After	Interior Girder 4	64	0.95	1	1	2.661215
Annual Permit 1_str	BOBJ1	144	After	Interior Girder 5	64	0.95	1	1	2.277451
Annual Permit 1_str	BOBJ1	144	After	Interior Girder 6	64	0.95	1	1	1.947274
Annual Permit 1_str	BOBJ1	144	After	Right Exterior Girder	64	0.95	1	1	3.911972
Annual Permit 1_str	BOBJ1	150	Before	Interior Girder 1	70	0.95	1	1	1.308962
Annual Permit 1_str	BOBJ1	150	Before	Interior Girder 2	70	0.95	1	1	1.555734
Annual Permit 1_str	BOBJ1	150	Before	Interior Girder 3	70	0.95	1	1	1.566905
Annual Permit 1_str	BOBJ1	150	Before	Interior Girder 4	70	0.95	1	1	1.566288
Annual Permit 1_str	BOBJ1	150	Before	Interior Girder 5	70	0.95	1	1	1.55413
Annual Permit 1_str	BOBJ1	150	Before	Interior Girder 6	70	0.95	1	1	1.309368
Annual Permit 1_str	BOBJ1	150	After	Interior Girder 1	70	0.95	1	1	3.088063
Annual Permit 1_str	BOBJ1	150	After	Interior Girder 2	70	0.95	1	1	3.554398
Annual Permit 1_str	BOBJ1	150	After	Interior Girder 3	70	0.95	1	1	3.677158
Annual Permit 1_str	BOBJ1	150	After	Interior Girder 4	70	0.95	1	1	3.675157
Annual Permit 1_str	BOBJ1	150	After	Interior Girder 5	70	0.95	1	1	3.550789
Annual Permit 1_str	BOBJ1	150	After	Interior Girder 6	70	0.95	1	1	3.088956
Annual Permit 1_str	BOBJ1	152	Before	Left Exterior Girder	72	0.95	1	1	2.559832
Annual Permit 1_str	BOBJ1	152	Before	Interior Girder 1	72	0.95	1	1	2.813321
Annual Permit 1_str	BOBJ1	152	Before	Interior Girder 2	72	0.95	1	1	3.123143
Annual Permit 1_str	BOBJ1	152	Before	Interior Girder 3	72	0.95	1	1	2.86641
Annual Permit 1_str	BOBJ1	152	Before	Interior Girder 4	72	0.95	1	1	2.880985
Annual Permit 1_str	BOBJ1	152	Before	Interior Girder 5	72	0.95	1	1	3.136068

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelINonCompStrgth-Flx - Approach, Span 4-E									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Annual Permit 1_str	BOBJ1	152	Before	Interior Girder 6	72	0.95	1	1	2.814282
Annual Permit 1_str	BOBJ1	152	Before	Right Exterior Girder	72	0.95	1	1	2.562467
Annual Permit 1_str	BOBJ1	152	After	Left Exterior Girder	72	0.95	1	1	2.631604
Annual Permit 1_str	BOBJ1	152	After	Interior Girder 1	72	0.95	1	1	2.771251
Annual Permit 1_str	BOBJ1	152	After	Interior Girder 2	72	0.95	1	1	3.096825
Annual Permit 1_str	BOBJ1	152	After	Interior Girder 3	72	0.95	1	1	2.877653
Annual Permit 1_str	BOBJ1	152	After	Interior Girder 4	72	0.95	1	1	2.89454
Annual Permit 1_str	BOBJ1	152	After	Interior Girder 5	72	0.95	1	1	3.108049
Annual Permit 1_str	BOBJ1	152	After	Interior Girder 6	72	0.95	1	1	2.772536
Annual Permit 1_str	BOBJ1	152	After	Right Exterior Girder	72	0.95	1	1	2.634445
Annual Permit 1_str	BOBJ1	154	Before	Left Exterior Girder	74	0.95	1	1	2.058468
Annual Permit 1_str	BOBJ1	154	Before	Right Exterior Girder	74	0.95	1	1	2.060596
Annual Permit 1_str	BOBJ1	154	After	Left Exterior Girder	74	0.95	1	1	3.296599
Annual Permit 1_str	BOBJ1	154	After	Right Exterior Girder	74	0.95	1	1	3.300071
Annual Permit 1_str	BOBJ1	160	Before	Left Exterior Girder	80	0.95	1	1	1.782932
Annual Permit 1_str	BOBJ1	160	Before	Interior Girder 1	80	0.95	1	1	1.173305
Annual Permit 1_str	BOBJ1	160	Before	Interior Girder 2	80	0.95	1	1	1.318147
Annual Permit 1_str	BOBJ1	160	Before	Interior Girder 3	80	0.95	1	1	1.06371
Annual Permit 1_str	BOBJ1	160	Before	Interior Girder 4	80	0.95	1	1	1.066208
Annual Permit 1_str	BOBJ1	160	Before	Interior Girder 5	80	0.95	1	1	1.314683
Annual Permit 1_str	BOBJ1	160	Before	Interior Girder 6	80	0.95	1	1	1.174543
Annual Permit 1_str	BOBJ1	160	Before	Right Exterior Girder	80	0.95	1	1	1.785873
Annual Permit 1_str	BOBJ1	160	After	Left Exterior Girder	0	0.95	1	1	1.750893
Annual Permit 1_str	BOBJ1	160	After	Interior Girder 1	0	0.95	1	1	1.161178
Annual Permit 1_str	BOBJ1	160	After	Interior Girder 2	0	0.95	1	1	1.322278
Annual Permit 1_str	BOBJ1	160	After	Interior Girder 3	0	0.95	1	1	1.055232
Annual Permit 1_str	BOBJ1	160	After	Interior Girder 4	0	0.95	1	1	1.057125
Annual Permit 1_str	BOBJ1	160	After	Interior Girder 5	0	0.95	1	1	1.31918
Annual Permit 1_str	BOBJ1	160	After	Interior Girder 6	0	0.95	1	1	1.162361
Annual Permit 1_str	BOBJ1	160	After	Right Exterior Girder	0	0.95	1	1	1.753903
Annual Permit 1_str	BOBJ1	166	Before	Left Exterior Girder	6	0.95	1	1	3.507741
Annual Permit 1_str	BOBJ1	166	Before	Right Exterior Girder	6	0.95	1	1	3.511926
Annual Permit 1_str	BOBJ1	166	After	Left Exterior Girder	6	0.95	1	1	2.216394
Annual Permit 1_str	BOBJ1	166	After	Right Exterior Girder	6	0.95	1	1	2.219005
Annual Permit 1_str	BOBJ1	168	Before	Left Exterior Girder	8	0.95	1	1	2.845672
Annual Permit 1_str	BOBJ1	168	Before	Interior Girder 1	8	0.95	1	1	3.040888
Annual Permit 1_str	BOBJ1	168	Before	Interior Girder 2	8	0.95	1	1	3.458082
Annual Permit 1_str	BOBJ1	168	Before	Interior Girder 3	8	0.95	1	1	3.151888
Annual Permit 1_str	BOBJ1	168	Before	Interior Girder 4	8	0.95	1	1	3.158091
Annual Permit 1_str	BOBJ1	168	Before	Interior Girder 5	8	0.95	1	1	3.450463
Annual Permit 1_str	BOBJ1	168	Before	Interior Girder 6	8	0.95	1	1	3.04302
Annual Permit 1_str	BOBJ1	168	Before	Right Exterior Girder	8	0.95	1	1	2.849075
Annual Permit 1_str	BOBJ1	168	After	Left Exterior Girder	8	0.95	1	1	2.799785
Annual Permit 1_str	BOBJ1	168	After	Interior Girder 1	8	0.95	1	1	3.131562
Annual Permit 1_str	BOBJ1	168	After	Interior Girder 2	8	0.95	1	1	3.477461
Annual Permit 1_str	BOBJ1	168	After	Interior Girder 3	8	0.95	1	1	3.128963
Annual Permit 1_str	BOBJ1	168	After	Interior Girder 4	8	0.95	1	1	3.134292
Annual Permit 1_str	BOBJ1	168	After	Interior Girder 5	8	0.95	1	1	3.473468
Annual Permit 1_str	BOBJ1	168	After	Interior Girder 6	8	0.95	1	1	3.133406
Annual Permit 1_str	BOBJ1	168	After	Right Exterior Girder	8	0.95	1	1	2.803084
Annual Permit 1_str	BOBJ1	170	Before	Interior Girder 1	10	0.95	1	1	3.543413
Annual Permit 1_str	BOBJ1	170	Before	Interior Girder 2	10	0.95	1	1	4.011536
Annual Permit 1_str	BOBJ1	170	Before	Interior Girder 3	10	0.95	1	1	4.109665
Annual Permit 1_str	BOBJ1	170	Before	Interior Girder 4	10	0.95	1	1	4.10865
Annual Permit 1_str	BOBJ1	170	Before	Interior Girder 5	10	0.95	1	1	4.008502
Annual Permit 1_str	BOBJ1	170	Before	Interior Girder 6	10	0.95	1	1	3.545342
Annual Permit 1_str	BOBJ1	170	After	Interior Girder 1	10	0.95	1	1	1.66042
Annual Permit 1_str	BOBJ1	170	After	Interior Girder 2	10	0.95	1	1	1.93488
Annual Permit 1_str	BOBJ1	170	After	Interior Girder 3	10	0.95	1	1	1.927418
Annual Permit 1_str	BOBJ1	170	After	Interior Girder 4	10	0.95	1	1	1.927113
Annual Permit 1_str	BOBJ1	170	After	Interior Girder 5	10	0.95	1	1	1.933381
Annual Permit 1_str	BOBJ1	170	After	Interior Girder 6	10	0.95	1	1	1.661351
Annual Permit 1_str	BOBJ1	176	Before	Left Exterior Girder	16	0.95	1	1	4.143195
Annual Permit 1_str	BOBJ1	176	Before	Interior Girder 1	16	0.95	1	1	2.522054
Annual Permit 1_str	BOBJ1	176	Before	Interior Girder 2	16	0.95	1	1	2.880329

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelINonCompStrgth-Flx - Approach, Span 4-E									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Annual Permit 1_str	BOBJ1	176	Before	Interior Girder 3	16	0.95	1	1	2.86438
Annual Permit 1_str	BOBJ1	176	Before	Interior Girder 4	16	0.95	1	1	2.87181
Annual Permit 1_str	BOBJ1	176	Before	Interior Girder 5	16	0.95	1	1	2.879149
Annual Permit 1_str	BOBJ1	176	Before	Interior Girder 6	16	0.95	1	1	2.523039
Annual Permit 1_str	BOBJ1	176	Before	Right Exterior Girder	16	0.95	1	1	4.147083
Annual Permit 1_str	BOBJ1	176	After	Left Exterior Girder	16	0.95	1	1	4.299948
Annual Permit 1_str	BOBJ1	176	After	Interior Girder 1	16	0.95	1	1	2.556873
Annual Permit 1_str	BOBJ1	176	After	Interior Girder 2	16	0.95	1	1	2.906368
Annual Permit 1_str	BOBJ1	176	After	Interior Girder 3	16	0.95	1	1	2.925542
Annual Permit 1_str	BOBJ1	176	After	Interior Girder 4	16	0.95	1	1	2.932466
Annual Permit 1_str	BOBJ1	176	After	Interior Girder 5	16	0.95	1	1	2.904953
Annual Permit 1_str	BOBJ1	176	After	Interior Girder 6	16	0.95	1	1	2.557855
Annual Permit 1_str	BOBJ1	176	After	Right Exterior Girder	16	0.95	1	1	4.304012
Annual Permit 1_str	BOBJ1	181	Before	Interior Girder 1	21	0.95	1	1	1.648905
Annual Permit 1_str	BOBJ1	181	Before	Interior Girder 2	21	0.95	1	1	1.745676
Annual Permit 1_str	BOBJ1	181	Before	Interior Girder 3	21	0.95	1	1	1.681769
Annual Permit 1_str	BOBJ1	181	Before	Interior Girder 4	21	0.95	1	1	1.691798
Annual Permit 1_str	BOBJ1	181	Before	Interior Girder 5	21	0.95	1	1	1.744192
Annual Permit 1_str	BOBJ1	181	Before	Interior Girder 6	21	0.95	1	1	1.651748
Annual Permit 1_str	BOBJ1	181	After	Interior Girder 1	21	0.95	1	1	2.929971
Annual Permit 1_str	BOBJ1	181	After	Interior Girder 2	21	0.95	1	1	3.065827
Annual Permit 1_str	BOBJ1	181	After	Interior Girder 3	21	0.95	1	1	3.043329
Annual Permit 1_str	BOBJ1	181	After	Interior Girder 4	21	0.95	1	1	3.060792
Annual Permit 1_str	BOBJ1	181	After	Interior Girder 5	21	0.95	1	1	3.062375
Annual Permit 1_str	BOBJ1	181	After	Interior Girder 6	21	0.95	1	1	2.935192
Annual Permit 1_str	BOBJ1	184	Before	Left Exterior Girder	24	0.95	1	1	2.626652
Annual Permit 1_str	BOBJ1	184	Before	Interior Girder 1	24	0.95	1	1	2.358742
Annual Permit 1_str	BOBJ1	184	Before	Interior Girder 2	24	0.95	1	1	2.527479
Annual Permit 1_str	BOBJ1	184	Before	Interior Girder 3	24	0.95	1	1	2.483319
Annual Permit 1_str	BOBJ1	184	Before	Interior Girder 4	24	0.95	1	1	2.496885
Annual Permit 1_str	BOBJ1	184	Before	Interior Girder 5	24	0.95	1	1	2.524054
Annual Permit 1_str	BOBJ1	184	Before	Interior Girder 6	24	0.95	1	1	2.364105
Annual Permit 1_str	BOBJ1	184	Before	Right Exterior Girder	24	0.95	1	1	2.629063
Annual Permit 1_str	BOBJ1	184	After	Left Exterior Girder	24	0.95	1	1	2.702564
Annual Permit 1_str	BOBJ1	184	After	Interior Girder 1	24	0.95	1	1	2.322054
Annual Permit 1_str	BOBJ1	184	After	Interior Girder 2	24	0.95	1	1	2.514721
Annual Permit 1_str	BOBJ1	184	After	Interior Girder 3	24	0.95	1	1	2.513241
Annual Permit 1_str	BOBJ1	184	After	Interior Girder 4	24	0.95	1	1	2.526905
Annual Permit 1_str	BOBJ1	184	After	Interior Girder 5	24	0.95	1	1	2.510526
Annual Permit 1_str	BOBJ1	184	After	Interior Girder 6	24	0.95	1	1	2.327018
Annual Permit 1_str	BOBJ1	184	After	Right Exterior Girder	24	0.95	1	1	2.704912
Annual Permit 1_str	BOBJ1	192	Before	Left Exterior Girder	32	0.95	1	1	1.698287
Annual Permit 1_str	BOBJ1	192	Before	Interior Girder 1	32	0.95	1	1	1.655679
Annual Permit 1_str	BOBJ1	192	Before	Interior Girder 2	32	0.95	1	1	1.871234
Annual Permit 1_str	BOBJ1	192	Before	Interior Girder 3	32	0.95	1	1	1.962546
Annual Permit 1_str	BOBJ1	192	Before	Interior Girder 4	32	0.95	1	1	1.964606
Annual Permit 1_str	BOBJ1	192	Before	Interior Girder 5	32	0.95	1	1	1.871488
Annual Permit 1_str	BOBJ1	192	Before	Interior Girder 6	32	0.95	1	1	1.655891
Annual Permit 1_str	BOBJ1	192	Before	Right Exterior Girder	32	0.95	1	1	1.700077
Annual Permit 1_str	BOBJ1	192	After	Left Exterior Girder	32	0.95	1	1	1.740752
Annual Permit 1_str	BOBJ1	192	After	Interior Girder 1	32	0.95	1	1	1.629677
Annual Permit 1_str	BOBJ1	192	After	Interior Girder 2	32	0.95	1	1	1.862747
Annual Permit 1_str	BOBJ1	192	After	Interior Girder 3	32	0.95	1	1	1.972184
Annual Permit 1_str	BOBJ1	192	After	Interior Girder 4	32	0.95	1	1	1.973541
Annual Permit 1_str	BOBJ1	192	After	Interior Girder 5	32	0.95	1	1	1.86236
Annual Permit 1_str	BOBJ1	192	After	Interior Girder 6	32	0.95	1	1	1.629819
Annual Permit 1_str	BOBJ1	192	After	Right Exterior Girder	32	0.95	1	1	1.742567
Annual Permit 1_str	BOBJ1	200	Before	Left Exterior Girder	40	0.95	1	1	1.438899
Annual Permit 1_str	BOBJ1	200	Before	Interior Girder 1	40	0.95	1	1	1.280241
Annual Permit 1_str	BOBJ1	200	Before	Interior Girder 2	40	0.95	1	1	1.474921
Annual Permit 1_str	BOBJ1	200	Before	Interior Girder 3	40	0.95	1	1	1.530637
Annual Permit 1_str	BOBJ1	200	Before	Interior Girder 4	40	0.95	1	1	1.534559
Annual Permit 1_str	BOBJ1	200	Before	Interior Girder 5	40	0.95	1	1	1.473039
Annual Permit 1_str	BOBJ1	200	Before	Interior Girder 6	40	0.95	1	1	1.282077
Annual Permit 1_str	BOBJ1	200	Before	Right Exterior Girder	40	0.95	1	1	1.440369

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelINonCompStrgth-Flx - Approach, Span 4-E									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Annual Permit 1_str	BOBJ1	200	After	Left Exterior Girder	40	0.95	1	1	1.449489
Annual Permit 1_str	BOBJ1	200	After	Interior Girder 1	40	0.95	1	1	1.274161
Annual Permit 1_str	BOBJ1	200	After	Interior Girder 2	40	0.95	1	1	1.47607
Annual Permit 1_str	BOBJ1	200	After	Interior Girder 3	40	0.95	1	1	1.531831
Annual Permit 1_str	BOBJ1	200	After	Interior Girder 4	40	0.95	1	1	1.539732
Annual Permit 1_str	BOBJ1	200	After	Interior Girder 5	40	0.95	1	1	1.47438
Annual Permit 1_str	BOBJ1	200	After	Interior Girder 6	40	0.95	1	1	1.275931
Annual Permit 1_str	BOBJ1	200	After	Right Exterior Girder	40	0.95	1	1	1.450928
Annual Permit 1_str	BOBJ1	208	Before	Left Exterior Girder	48	0.95	1	1	1.31259
Annual Permit 1_str	BOBJ1	208	Before	Interior Girder 1	48	0.95	1	1	1.216849
Annual Permit 1_str	BOBJ1	208	Before	Interior Girder 2	48	0.95	1	1	1.433202
Annual Permit 1_str	BOBJ1	208	Before	Interior Girder 3	48	0.95	1	1	1.542568
Annual Permit 1_str	BOBJ1	208	Before	Interior Girder 4	48	0.95	1	1	1.542735
Annual Permit 1_str	BOBJ1	208	Before	Interior Girder 5	48	0.95	1	1	1.433218
Annual Permit 1_str	BOBJ1	208	Before	Interior Girder 6	48	0.95	1	1	1.216741
Annual Permit 1_str	BOBJ1	208	Before	Right Exterior Girder	48	0.95	1	1	1.313956
Annual Permit 1_str	BOBJ1	208	After	Left Exterior Girder	48	0.95	1	1	1.30273
Annual Permit 1_str	BOBJ1	208	After	Interior Girder 1	48	0.95	1	1	1.219447
Annual Permit 1_str	BOBJ1	208	After	Interior Girder 2	48	0.95	1	1	1.436927
Annual Permit 1_str	BOBJ1	208	After	Interior Girder 3	48	0.95	1	1	1.534799
Annual Permit 1_str	BOBJ1	208	After	Interior Girder 4	48	0.95	1	1	1.535475
Annual Permit 1_str	BOBJ1	208	After	Interior Girder 5	48	0.95	1	1	1.438696
Annual Permit 1_str	BOBJ1	208	After	Interior Girder 6	48	0.95	1	1	1.219405
Annual Permit 1_str	BOBJ1	208	After	Right Exterior Girder	48	0.95	1	1	1.304078
Annual Permit 1_str	BOBJ1	216	Before	Left Exterior Girder	56	0.95	1	1	1.532874
Annual Permit 1_str	BOBJ1	216	Before	Interior Girder 1	56	0.95	1	1	1.31796
Annual Permit 1_str	BOBJ1	216	Before	Interior Girder 2	56	0.95	1	1	1.52501
Annual Permit 1_str	BOBJ1	216	Before	Interior Girder 3	56	0.95	1	1	1.575366
Annual Permit 1_str	BOBJ1	216	Before	Interior Girder 4	56	0.95	1	1	1.583445
Annual Permit 1_str	BOBJ1	216	Before	Interior Girder 5	56	0.95	1	1	1.522651
Annual Permit 1_str	BOBJ1	216	Before	Interior Girder 6	56	0.95	1	1	1.319807
Annual Permit 1_str	BOBJ1	216	Before	Right Exterior Girder	56	0.95	1	1	1.534286
Annual Permit 1_str	BOBJ1	216	After	Left Exterior Girder	56	0.95	1	1	1.500602
Annual Permit 1_str	BOBJ1	216	After	Interior Girder 1	56	0.95	1	1	1.326701
Annual Permit 1_str	BOBJ1	216	After	Interior Girder 2	56	0.95	1	1	1.52771
Annual Permit 1_str	BOBJ1	216	After	Interior Girder 3	56	0.95	1	1	1.556735
Annual Permit 1_str	BOBJ1	216	After	Interior Girder 4	56	0.95	1	1	1.560736
Annual Permit 1_str	BOBJ1	216	After	Interior Girder 5	56	0.95	1	1	1.525285
Annual Permit 1_str	BOBJ1	216	After	Interior Girder 6	56	0.95	1	1	1.328717
Annual Permit 1_str	BOBJ1	216	After	Right Exterior Girder	56	0.95	1	1	1.502084
Annual Permit 1_str	BOBJ1	224	Before	Left Exterior Girder	64	0.95	1	1	2.033279
Annual Permit 1_str	BOBJ1	224	Before	Interior Girder 1	64	0.95	1	1	1.800315
Annual Permit 1_str	BOBJ1	224	Before	Interior Girder 2	64	0.95	1	1	2.057308
Annual Permit 1_str	BOBJ1	224	Before	Interior Girder 3	64	0.95	1	1	2.154259
Annual Permit 1_str	BOBJ1	224	Before	Interior Girder 4	64	0.95	1	1	2.156541
Annual Permit 1_str	BOBJ1	224	Before	Interior Girder 5	64	0.95	1	1	2.059539
Annual Permit 1_str	BOBJ1	224	Before	Interior Girder 6	64	0.95	1	1	1.800358
Annual Permit 1_str	BOBJ1	224	Before	Right Exterior Girder	64	0.95	1	1	2.035462
Annual Permit 1_str	BOBJ1	224	After	Left Exterior Girder	64	0.95	1	1	1.966152
Annual Permit 1_str	BOBJ1	224	After	Interior Girder 1	64	0.95	1	1	1.834783
Annual Permit 1_str	BOBJ1	224	After	Interior Girder 2	64	0.95	1	1	2.063287
Annual Permit 1_str	BOBJ1	224	After	Interior Girder 3	64	0.95	1	1	2.103695
Annual Permit 1_str	BOBJ1	224	After	Interior Girder 4	64	0.95	1	1	2.106974
Annual Permit 1_str	BOBJ1	224	After	Interior Girder 5	64	0.95	1	1	2.063399
Annual Permit 1_str	BOBJ1	224	After	Interior Girder 6	64	0.95	1	1	1.834783
Annual Permit 1_str	BOBJ1	224	After	Right Exterior Girder	64	0.95	1	1	1.968845
Annual Permit 1_str	BOBJ1	232	Before	Left Exterior Girder	72	0.95	1	1	4.202282
Annual Permit 1_str	BOBJ1	232	Before	Interior Girder 1	72	0.95	1	1	3.29068
Annual Permit 1_str	BOBJ1	232	Before	Interior Girder 2	72	0.95	1	1	3.533365
Annual Permit 1_str	BOBJ1	232	Before	Interior Girder 3	72	0.95	1	1	3.595121
Annual Permit 1_str	BOBJ1	232	Before	Interior Girder 4	72	0.95	1	1	3.616247
Annual Permit 1_str	BOBJ1	232	Before	Interior Girder 5	72	0.95	1	1	3.534036
Annual Permit 1_str	BOBJ1	232	Before	Interior Girder 6	72	0.95	1	1	3.297242
Annual Permit 1_str	BOBJ1	232	Before	Right Exterior Girder	72	0.95	1	1	4.205013
Annual Permit 1_str	BOBJ1	232	After	Left Exterior Girder	72	0.95	1	1	4.100054

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelINonCompStrgth-Flx - Approach, Span 4-E									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Annual Permit 1_str	BOBJ1	232	After	Interior Girder 1	72	0.95	1	1	3.326559
Annual Permit 1_str	BOBJ1	232	After	Interior Girder 2	72	0.95	1	1	3.482811
Annual Permit 1_str	BOBJ1	232	After	Interior Girder 3	72	0.95	1	1	3.372113
Annual Permit 1_str	BOBJ1	232	After	Interior Girder 4	72	0.95	1	1	3.392819
Annual Permit 1_str	BOBJ1	232	After	Interior Girder 5	72	0.95	1	1	3.479069
Annual Permit 1_str	BOBJ1	232	After	Interior Girder 6	72	0.95	1	1	3.3349
Annual Permit 1_str	BOBJ1	232	After	Right Exterior Girder	72	0.95	1	1	4.103497
Annual Permit 1_str	BOBJ1	240	Before	Left Exterior Girder	80	0.95	1	1	40.522894
Annual Permit 1_str	BOBJ1	240	Before	Interior Girder 1	80	0.95	1	1	26.188612
Annual Permit 1_str	BOBJ1	240	Before	Interior Girder 2	80	0.95	1	1	21.148123
Annual Permit 1_str	BOBJ1	240	Before	Interior Girder 3	80	0.95	1	1	13.964351
Annual Permit 1_str	BOBJ1	240	Before	Interior Girder 4	80	0.95	1	1	14.102505
Annual Permit 1_str	BOBJ1	240	Before	Interior Girder 5	80	0.95	1	1	20.930577
Annual Permit 1_str	BOBJ1	240	Before	Interior Girder 6	80	0.95	1	1	26.201206
Annual Permit 1_str	BOBJ1	240	Before	Right Exterior Girder	80	0.95	1	1	40.522894
Annual Permit 2_str	BOBJ1	0	After	Left Exterior Girder	0	0.95	1	1	219.806549
Annual Permit 2_str	BOBJ1	0	After	Interior Girder 1	0	0.95	1	1	210.376631
Annual Permit 2_str	BOBJ1	0	After	Interior Girder 2	0	0.95	1	1	254.450592
Annual Permit 2_str	BOBJ1	0	After	Interior Girder 3	0	0.95	1	1	141.65073
Annual Permit 2_str	BOBJ1	0	After	Interior Girder 4	0	0.95	1	1	143.628258
Annual Permit 2_str	BOBJ1	0	After	Interior Girder 5	0	0.95	1	1	252.719207
Annual Permit 2_str	BOBJ1	0	After	Interior Girder 6	0	0.95	1	1	206.333268
Annual Permit 2_str	BOBJ1	0	After	Right Exterior Girder	0	0.95	1	1	219.806548
Annual Permit 2_str	BOBJ1	8	Before	Left Exterior Girder	8	0.95	1	1	3.411302
Annual Permit 2_str	BOBJ1	8	Before	Interior Girder 1	8	0.95	1	1	3.072653
Annual Permit 2_str	BOBJ1	8	Before	Interior Girder 2	8	0.95	1	1	3.209726
Annual Permit 2_str	BOBJ1	8	Before	Interior Girder 3	8	0.95	1	1	2.932293
Annual Permit 2_str	BOBJ1	8	Before	Interior Girder 4	8	0.95	1	1	2.950002
Annual Permit 2_str	BOBJ1	8	Before	Interior Girder 5	8	0.95	1	1	3.204065
Annual Permit 2_str	BOBJ1	8	Before	Interior Girder 6	8	0.95	1	1	3.080422
Annual Permit 2_str	BOBJ1	8	Before	Right Exterior Girder	8	0.95	1	1	3.416265
Annual Permit 2_str	BOBJ1	8	After	Left Exterior Girder	8	0.95	1	1	3.520673
Annual Permit 2_str	BOBJ1	8	After	Interior Girder 1	8	0.95	1	1	3.015828
Annual Permit 2_str	BOBJ1	8	After	Interior Girder 2	8	0.95	1	1	3.268329
Annual Permit 2_str	BOBJ1	8	After	Interior Girder 3	8	0.95	1	1	3.08727
Annual Permit 2_str	BOBJ1	8	After	Interior Girder 4	8	0.95	1	1	3.107845
Annual Permit 2_str	BOBJ1	8	After	Interior Girder 5	8	0.95	1	1	3.260578
Annual Permit 2_str	BOBJ1	8	After	Interior Girder 6	8	0.95	1	1	3.02276
Annual Permit 2_str	BOBJ1	8	After	Right Exterior Girder	8	0.95	1	1	3.525716
Annual Permit 2_str	BOBJ1	16	Before	Left Exterior Girder	16	0.95	1	1	1.613723
Annual Permit 2_str	BOBJ1	16	Before	Interior Girder 1	16	0.95	1	1	1.73613
Annual Permit 2_str	BOBJ1	16	Before	Interior Girder 2	16	0.95	1	1	1.976342
Annual Permit 2_str	BOBJ1	16	Before	Interior Girder 3	16	0.95	1	1	1.926642
Annual Permit 2_str	BOBJ1	16	Before	Interior Girder 4	16	0.95	1	1	1.929459
Annual Permit 2_str	BOBJ1	16	Before	Interior Girder 5	16	0.95	1	1	1.977486
Annual Permit 2_str	BOBJ1	16	Before	Interior Girder 6	16	0.95	1	1	1.735599
Annual Permit 2_str	BOBJ1	16	Before	Right Exterior Girder	16	0.95	1	1	1.615595
Annual Permit 2_str	BOBJ1	16	After	Left Exterior Girder	16	0.95	1	1	1.659017
Annual Permit 2_str	BOBJ1	16	After	Interior Girder 1	16	0.95	1	1	1.707085
Annual Permit 2_str	BOBJ1	16	After	Interior Girder 2	16	0.95	1	1	1.967919
Annual Permit 2_str	BOBJ1	16	After	Interior Girder 3	16	0.95	1	1	1.966018
Annual Permit 2_str	BOBJ1	16	After	Interior Girder 4	16	0.95	1	1	1.970238
Annual Permit 2_str	BOBJ1	16	After	Interior Girder 5	16	0.95	1	1	1.969042
Annual Permit 2_str	BOBJ1	16	After	Interior Girder 6	16	0.95	1	1	1.706594
Annual Permit 2_str	BOBJ1	16	After	Right Exterior Girder	16	0.95	1	1	1.660761
Annual Permit 2_str	BOBJ1	20.5	Before	Left Exterior Girder	20.5	0.95	1	1	1.31324
Annual Permit 2_str	BOBJ1	20.5	Before	Right Exterior Girder	20.5	0.95	1	1	1.314531
Annual Permit 2_str	BOBJ1	20.5	After	Left Exterior Girder	20.5	0.95	1	1	1.950505
Annual Permit 2_str	BOBJ1	20.5	After	Right Exterior Girder	20.5	0.95	1	1	1.952304
Annual Permit 2_str	BOBJ1	24	Before	Left Exterior Girder	24	0.95	1	1	1.737533
Annual Permit 2_str	BOBJ1	24	Before	Interior Girder 1	24	0.95	1	1	1.228523
Annual Permit 2_str	BOBJ1	24	Before	Interior Girder 2	24	0.95	1	1	1.419205
Annual Permit 2_str	BOBJ1	24	Before	Interior Girder 3	24	0.95	1	1	1.419691
Annual Permit 2_str	BOBJ1	24	Before	Interior Girder 4	24	0.95	1	1	1.423319
Annual Permit 2_str	BOBJ1	24	Before	Interior Girder 5	24	0.95	1	1	1.41694

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelINonCompStrgth-Flx - Approach, Span 4-E									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Annual Permit 2_str	BOBJ1	24	Before	Interior Girder 6	24	0.95	1	1	1.230242
Annual Permit 2_str	BOBJ1	24	Before	Right Exterior Girder	24	0.95	1	1	1.739119
Annual Permit 2_str	BOBJ1	24	After	Left Exterior Girder	24	0.95	1	1	1.747707
Annual Permit 2_str	BOBJ1	24	After	Interior Girder 1	24	0.95	1	1	1.231883
Annual Permit 2_str	BOBJ1	24	After	Interior Girder 2	24	0.95	1	1	1.411214
Annual Permit 2_str	BOBJ1	24	After	Interior Girder 3	24	0.95	1	1	1.430885
Annual Permit 2_str	BOBJ1	24	After	Interior Girder 4	24	0.95	1	1	1.435742
Annual Permit 2_str	BOBJ1	24	After	Interior Girder 5	24	0.95	1	1	1.408374
Annual Permit 2_str	BOBJ1	24	After	Interior Girder 6	24	0.95	1	1	1.233635
Annual Permit 2_str	BOBJ1	24	After	Right Exterior Girder	24	0.95	1	1	1.749211
Annual Permit 2_str	BOBJ1	32	Before	Left Exterior Girder	32	0.95	1	1	1.479912
Annual Permit 2_str	BOBJ1	32	Before	Interior Girder 1	32	0.95	1	1	1.175424
Annual Permit 2_str	BOBJ1	32	Before	Interior Girder 2	32	0.95	1	1	1.376494
Annual Permit 2_str	BOBJ1	32	Before	Interior Girder 3	32	0.95	1	1	1.445463
Annual Permit 2_str	BOBJ1	32	Before	Interior Girder 4	32	0.95	1	1	1.446941
Annual Permit 2_str	BOBJ1	32	Before	Interior Girder 5	32	0.95	1	1	1.378836
Annual Permit 2_str	BOBJ1	32	Before	Interior Girder 6	32	0.95	1	1	1.175017
Annual Permit 2_str	BOBJ1	32	Before	Right Exterior Girder	32	0.95	1	1	1.481349
Annual Permit 2_str	BOBJ1	32	After	Left Exterior Girder	32	0.95	1	1	1.487616
Annual Permit 2_str	BOBJ1	32	After	Interior Girder 1	32	0.95	1	1	1.175232
Annual Permit 2_str	BOBJ1	32	After	Interior Girder 2	32	0.95	1	1	1.373345
Annual Permit 2_str	BOBJ1	32	After	Interior Girder 3	32	0.95	1	1	1.447271
Annual Permit 2_str	BOBJ1	32	After	Interior Girder 4	32	0.95	1	1	1.448588
Annual Permit 2_str	BOBJ1	32	After	Interior Girder 5	32	0.95	1	1	1.374581
Annual Permit 2_str	BOBJ1	32	After	Interior Girder 6	32	0.95	1	1	1.174783
Annual Permit 2_str	BOBJ1	32	After	Right Exterior Girder	32	0.95	1	1	1.489045
Annual Permit 2_str	BOBJ1	40	Before	Left Exterior Girder	40	0.95	1	1	1.594909
Annual Permit 2_str	BOBJ1	40	Before	Interior Girder 1	40	0.95	1	1	1.186344
Annual Permit 2_str	BOBJ1	40	Before	Interior Girder 2	40	0.95	1	1	1.377441
Annual Permit 2_str	BOBJ1	40	Before	Interior Girder 3	40	0.95	1	1	1.420321
Annual Permit 2_str	BOBJ1	40	Before	Interior Girder 4	40	0.95	1	1	1.425207
Annual Permit 2_str	BOBJ1	40	Before	Interior Girder 5	40	0.95	1	1	1.377769
Annual Permit 2_str	BOBJ1	40	Before	Interior Girder 6	40	0.95	1	1	1.187719
Annual Permit 2_str	BOBJ1	40	Before	Right Exterior Girder	40	0.95	1	1	1.596286
Annual Permit 2_str	BOBJ1	40	After	Left Exterior Girder	40	0.95	1	1	1.589989
Annual Permit 2_str	BOBJ1	40	After	Interior Girder 1	40	0.95	1	1	1.191246
Annual Permit 2_str	BOBJ1	40	After	Interior Girder 2	40	0.95	1	1	1.376063
Annual Permit 2_str	BOBJ1	40	After	Interior Girder 3	40	0.95	1	1	1.416164
Annual Permit 2_str	BOBJ1	40	After	Interior Girder 4	40	0.95	1	1	1.419283
Annual Permit 2_str	BOBJ1	40	After	Interior Girder 5	40	0.95	1	1	1.376026
Annual Permit 2_str	BOBJ1	40	After	Interior Girder 6	40	0.95	1	1	1.192621
Annual Permit 2_str	BOBJ1	40	After	Right Exterior Girder	40	0.95	1	1	1.591424
Annual Permit 2_str	BOBJ1	46.5	Before	Left Exterior Girder	46.5	0.95	1	1	1.827959
Annual Permit 2_str	BOBJ1	46.5	Before	Right Exterior Girder	46.5	0.95	1	1	1.829709
Annual Permit 2_str	BOBJ1	46.5	After	Left Exterior Girder	46.5	0.95	1	1	1.257503
Annual Permit 2_str	BOBJ1	46.5	After	Right Exterior Girder	46.5	0.95	1	1	1.258728
Annual Permit 2_str	BOBJ1	48	Before	Left Exterior Girder	48	0.95	1	1	1.341318
Annual Permit 2_str	BOBJ1	48	Before	Interior Girder 1	48	0.95	1	1	1.498061
Annual Permit 2_str	BOBJ1	48	Before	Interior Girder 2	48	0.95	1	1	1.758467
Annual Permit 2_str	BOBJ1	48	Before	Interior Girder 3	48	0.95	1	1	1.837324
Annual Permit 2_str	BOBJ1	48	Before	Interior Girder 4	48	0.95	1	1	1.839992
Annual Permit 2_str	BOBJ1	48	Before	Interior Girder 5	48	0.95	1	1	1.761666
Annual Permit 2_str	BOBJ1	48	Before	Interior Girder 6	48	0.95	1	1	1.497315
Annual Permit 2_str	BOBJ1	48	Before	Right Exterior Girder	48	0.95	1	1	1.342655
Annual Permit 2_str	BOBJ1	48	After	Left Exterior Girder	48	0.95	1	1	1.317139
Annual Permit 2_str	BOBJ1	48	After	Interior Girder 1	48	0.95	1	1	1.515778
Annual Permit 2_str	BOBJ1	48	After	Interior Girder 2	48	0.95	1	1	1.760998
Annual Permit 2_str	BOBJ1	48	After	Interior Girder 3	48	0.95	1	1	1.815098
Annual Permit 2_str	BOBJ1	48	After	Interior Girder 4	48	0.95	1	1	1.817939
Annual Permit 2_str	BOBJ1	48	After	Interior Girder 5	48	0.95	1	1	1.7637
Annual Permit 2_str	BOBJ1	48	After	Interior Girder 6	48	0.95	1	1	1.515069
Annual Permit 2_str	BOBJ1	48	After	Right Exterior Girder	48	0.95	1	1	1.318506
Annual Permit 2_str	BOBJ1	56	Before	Left Exterior Girder	56	0.95	1	1	2.148743
Annual Permit 2_str	BOBJ1	56	Before	Interior Girder 1	56	0.95	1	1	2.089664
Annual Permit 2_str	BOBJ1	56	Before	Interior Girder 2	56	0.95	1	1	2.31049

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelINonCompStrgth-Flx - Approach, Span 4-E									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Annual Permit 2_str	BOBJ1	56	Before	Interior Girder 3	56	0.95	1	1	2.337785
Annual Permit 2_str	BOBJ1	56	Before	Interior Girder 4	56	0.95	1	1	2.347552
Annual Permit 2_str	BOBJ1	56	Before	Interior Girder 5	56	0.95	1	1	2.309022
Annual Permit 2_str	BOBJ1	56	Before	Interior Girder 6	56	0.95	1	1	2.093348
Annual Permit 2_str	BOBJ1	56	Before	Right Exterior Girder	56	0.95	1	1	2.150363
Annual Permit 2_str	BOBJ1	56	After	Left Exterior Girder	56	0.95	1	1	2.089055
Annual Permit 2_str	BOBJ1	56	After	Interior Girder 1	56	0.95	1	1	2.131383
Annual Permit 2_str	BOBJ1	56	After	Interior Girder 2	56	0.95	1	1	2.310089
Annual Permit 2_str	BOBJ1	56	After	Interior Girder 3	56	0.95	1	1	2.296275
Annual Permit 2_str	BOBJ1	56	After	Interior Girder 4	56	0.95	1	1	2.305425
Annual Permit 2_str	BOBJ1	56	After	Interior Girder 5	56	0.95	1	1	2.30718
Annual Permit 2_str	BOBJ1	56	After	Interior Girder 6	56	0.95	1	1	2.135137
Annual Permit 2_str	BOBJ1	56	After	Right Exterior Girder	56	0.95	1	1	2.090828
Annual Permit 2_str	BOBJ1	59	Before	Interior Girder 1	59	0.95	1	1	2.655853
Annual Permit 2_str	BOBJ1	59	Before	Interior Girder 2	59	0.95	1	1	2.830654
Annual Permit 2_str	BOBJ1	59	Before	Interior Girder 3	59	0.95	1	1	2.840079
Annual Permit 2_str	BOBJ1	59	Before	Interior Girder 4	59	0.95	1	1	2.852721
Annual Permit 2_str	BOBJ1	59	Before	Interior Girder 5	59	0.95	1	1	2.828842
Annual Permit 2_str	BOBJ1	59	Before	Interior Girder 6	59	0.95	1	1	2.660018
Annual Permit 2_str	BOBJ1	59	After	Interior Girder 1	59	0.95	1	1	1.357903
Annual Permit 2_str	BOBJ1	59	After	Interior Girder 2	59	0.95	1	1	1.465356
Annual Permit 2_str	BOBJ1	59	After	Interior Girder 3	59	0.95	1	1	1.416789
Annual Permit 2_str	BOBJ1	59	After	Interior Girder 4	59	0.95	1	1	1.422923
Annual Permit 2_str	BOBJ1	59	After	Interior Girder 5	59	0.95	1	1	1.464923
Annual Permit 2_str	BOBJ1	59	After	Interior Girder 6	59	0.95	1	1	1.360013
Annual Permit 2_str	BOBJ1	64	Before	Left Exterior Girder	64	0.95	1	1	3.369491
Annual Permit 2_str	BOBJ1	64	Before	Interior Girder 1	64	0.95	1	1	1.952298
Annual Permit 2_str	BOBJ1	64	Before	Interior Girder 2	64	0.95	1	1	2.258464
Annual Permit 2_str	BOBJ1	64	Before	Interior Girder 3	64	0.95	1	1	2.564508
Annual Permit 2_str	BOBJ1	64	Before	Interior Girder 4	64	0.95	1	1	2.562446
Annual Permit 2_str	BOBJ1	64	Before	Interior Girder 5	64	0.95	1	1	2.256381
Annual Permit 2_str	BOBJ1	64	Before	Interior Girder 6	64	0.95	1	1	1.952539
Annual Permit 2_str	BOBJ1	64	Before	Right Exterior Girder	64	0.95	1	1	3.372449
Annual Permit 2_str	BOBJ1	64	After	Left Exterior Girder	64	0.95	1	1	3.241116
Annual Permit 2_str	BOBJ1	64	After	Interior Girder 1	64	0.95	1	1	1.930959
Annual Permit 2_str	BOBJ1	64	After	Interior Girder 2	64	0.95	1	1	2.241961
Annual Permit 2_str	BOBJ1	64	After	Interior Girder 3	64	0.95	1	1	2.570479
Annual Permit 2_str	BOBJ1	64	After	Interior Girder 4	64	0.95	1	1	2.568176
Annual Permit 2_str	BOBJ1	64	After	Interior Girder 5	64	0.95	1	1	2.239945
Annual Permit 2_str	BOBJ1	64	After	Interior Girder 6	64	0.95	1	1	1.931206
Annual Permit 2_str	BOBJ1	64	After	Right Exterior Girder	64	0.95	1	1	3.243915
Annual Permit 2_str	BOBJ1	69	Before	Interior Girder 1	69	0.95	1	1	1.374032
Annual Permit 2_str	BOBJ1	69	Before	Interior Girder 2	69	0.95	1	1	1.626272
Annual Permit 2_str	BOBJ1	69	Before	Interior Girder 3	69	0.95	1	1	1.663524
Annual Permit 2_str	BOBJ1	69	Before	Interior Girder 4	69	0.95	1	1	1.662612
Annual Permit 2_str	BOBJ1	69	Before	Interior Girder 5	69	0.95	1	1	1.624219
Annual Permit 2_str	BOBJ1	69	Before	Interior Girder 6	69	0.95	1	1	1.374406
Annual Permit 2_str	BOBJ1	69	After	Interior Girder 1	69	0.95	1	1	3.003542
Annual Permit 2_str	BOBJ1	69	After	Interior Girder 2	69	0.95	1	1	3.485887
Annual Permit 2_str	BOBJ1	69	After	Interior Girder 3	69	0.95	1	1	3.631911
Annual Permit 2_str	BOBJ1	69	After	Interior Girder 4	69	0.95	1	1	3.629697
Annual Permit 2_str	BOBJ1	69	After	Interior Girder 5	69	0.95	1	1	3.481647
Annual Permit 2_str	BOBJ1	69	After	Interior Girder 6	69	0.95	1	1	3.004312
Annual Permit 2_str	BOBJ1	72	Before	Left Exterior Girder	72	0.95	1	1	2.244828
Annual Permit 2_str	BOBJ1	72	Before	Interior Girder 1	72	0.95	1	1	2.606989
Annual Permit 2_str	BOBJ1	72	Before	Interior Girder 2	72	0.95	1	1	3.03999
Annual Permit 2_str	BOBJ1	72	Before	Interior Girder 3	72	0.95	1	1	2.997088
Annual Permit 2_str	BOBJ1	72	Before	Interior Girder 4	72	0.95	1	1	2.995803
Annual Permit 2_str	BOBJ1	72	Before	Interior Girder 5	72	0.95	1	1	3.035699
Annual Permit 2_str	BOBJ1	72	Before	Interior Girder 6	72	0.95	1	1	2.607877
Annual Permit 2_str	BOBJ1	72	Before	Right Exterior Girder	72	0.95	1	1	2.24721
Annual Permit 2_str	BOBJ1	72	After	Left Exterior Girder	72	0.95	1	1	2.269589
Annual Permit 2_str	BOBJ1	72	After	Interior Girder 1	72	0.95	1	1	2.549627
Annual Permit 2_str	BOBJ1	72	After	Interior Girder 2	72	0.95	1	1	3.000767
Annual Permit 2_str	BOBJ1	72	After	Interior Girder 3	72	0.95	1	1	2.946792

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelINonCompStrgth-Flx - Approach, Span 4-E									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Annual Permit 2_str	BOBJ1	72	After	Interior Girder 4	72	0.95	1	1	2.946664
Annual Permit 2_str	BOBJ1	72	After	Interior Girder 5	72	0.95	1	1	2.995816
Annual Permit 2_str	BOBJ1	72	After	Interior Girder 6	72	0.95	1	1	2.55079
Annual Permit 2_str	BOBJ1	72	After	Right Exterior Girder	72	0.95	1	1	2.272025
Annual Permit 2_str	BOBJ1	72.5	Before	Left Exterior Girder	72.5	0.95	1	1	2.1866
Annual Permit 2_str	BOBJ1	72.5	Before	Right Exterior Girder	72.5	0.95	1	1	2.188994
Annual Permit 2_str	BOBJ1	72.5	After	Left Exterior Girder	72.5	0.95	1	1	3.329654
Annual Permit 2_str	BOBJ1	72.5	After	Right Exterior Girder	72.5	0.95	1	1	3.33337
Annual Permit 2_str	BOBJ1	80	Before	Left Exterior Girder	80	0.95	1	1	2.220839
Annual Permit 2_str	BOBJ1	80	Before	Interior Girder 1	80	0.95	1	1	1.494955
Annual Permit 2_str	BOBJ1	80	Before	Interior Girder 2	80	0.95	1	1	1.648333
Annual Permit 2_str	BOBJ1	80	Before	Interior Girder 3	80	0.95	1	1	1.244013
Annual Permit 2_str	BOBJ1	80	Before	Interior Girder 4	80	0.95	1	1	1.249664
Annual Permit 2_str	BOBJ1	80	Before	Interior Girder 5	80	0.95	1	1	1.645547
Annual Permit 2_str	BOBJ1	80	Before	Interior Girder 6	80	0.95	1	1	1.499197
Annual Permit 2_str	BOBJ1	80	Before	Right Exterior Girder	80	0.95	1	1	2.22373
Annual Permit 2_str	BOBJ1	80	After	Left Exterior Girder	0	0.95	1	1	2.189435
Annual Permit 2_str	BOBJ1	80	After	Interior Girder 1	0	0.95	1	1	1.501574
Annual Permit 2_str	BOBJ1	80	After	Interior Girder 2	0	0.95	1	1	1.641131
Annual Permit 2_str	BOBJ1	80	After	Interior Girder 3	0	0.95	1	1	1.2396
Annual Permit 2_str	BOBJ1	80	After	Interior Girder 4	0	0.95	1	1	1.24524
Annual Permit 2_str	BOBJ1	80	After	Interior Girder 5	0	0.95	1	1	1.638387
Annual Permit 2_str	BOBJ1	80	After	Interior Girder 6	0	0.95	1	1	1.502926
Annual Permit 2_str	BOBJ1	80	After	Right Exterior Girder	0	0.95	1	1	2.192164
Annual Permit 2_str	BOBJ1	87.5	Before	Left Exterior Girder	7.5	0.95	1	1	3.384321
Annual Permit 2_str	BOBJ1	87.5	Before	Right Exterior Girder	7.5	0.95	1	1	3.388133
Annual Permit 2_str	BOBJ1	87.5	After	Left Exterior Girder	7.5	0.95	1	1	2.179563
Annual Permit 2_str	BOBJ1	87.5	After	Right Exterior Girder	7.5	0.95	1	1	2.181948
Annual Permit 2_str	BOBJ1	88	Before	Left Exterior Girder	8	0.95	1	1	2.248467
Annual Permit 2_str	BOBJ1	88	Before	Interior Girder 1	8	0.95	1	1	2.401379
Annual Permit 2_str	BOBJ1	88	Before	Interior Girder 2	8	0.95	1	1	2.809983
Annual Permit 2_str	BOBJ1	88	Before	Interior Girder 3	8	0.95	1	1	2.7193
Annual Permit 2_str	BOBJ1	88	Before	Interior Girder 4	8	0.95	1	1	2.718747
Annual Permit 2_str	BOBJ1	88	Before	Interior Girder 5	8	0.95	1	1	2.805833
Annual Permit 2_str	BOBJ1	88	Before	Interior Girder 6	8	0.95	1	1	2.402379
Annual Permit 2_str	BOBJ1	88	Before	Right Exterior Girder	8	0.95	1	1	2.250894
Annual Permit 2_str	BOBJ1	88	After	Left Exterior Girder	8	0.95	1	1	2.24961
Annual Permit 2_str	BOBJ1	88	After	Interior Girder 1	8	0.95	1	1	2.430819
Annual Permit 2_str	BOBJ1	88	After	Interior Girder 2	8	0.95	1	1	2.839384
Annual Permit 2_str	BOBJ1	88	After	Interior Girder 3	8	0.95	1	1	2.763579
Annual Permit 2_str	BOBJ1	88	After	Interior Girder 4	8	0.95	1	1	2.762149
Annual Permit 2_str	BOBJ1	88	After	Interior Girder 5	8	0.95	1	1	2.835889
Annual Permit 2_str	BOBJ1	88	After	Interior Girder 6	8	0.95	1	1	2.431573
Annual Permit 2_str	BOBJ1	88	After	Right Exterior Girder	8	0.95	1	1	2.251987
Annual Permit 2_str	BOBJ1	91	Before	Interior Girder 1	11	0.95	1	1	2.75667
Annual Permit 2_str	BOBJ1	91	Before	Interior Girder 2	11	0.95	1	1	3.234254
Annual Permit 2_str	BOBJ1	91	Before	Interior Girder 3	11	0.95	1	1	3.332234
Annual Permit 2_str	BOBJ1	91	Before	Interior Girder 4	11	0.95	1	1	3.329893
Annual Permit 2_str	BOBJ1	91	Before	Interior Girder 5	11	0.95	1	1	3.230799
Annual Permit 2_str	BOBJ1	91	Before	Interior Girder 6	11	0.95	1	1	2.757315
Annual Permit 2_str	BOBJ1	91	After	Interior Girder 1	11	0.95	1	1	1.127167
Annual Permit 2_str	BOBJ1	91	After	Interior Girder 2	11	0.95	1	1	1.354762
Annual Permit 2_str	BOBJ1	91	After	Interior Girder 3	11	0.95	1	1	1.373229
Annual Permit 2_str	BOBJ1	91	After	Interior Girder 4	11	0.95	1	1	1.37239
Annual Permit 2_str	BOBJ1	91	After	Interior Girder 5	11	0.95	1	1	1.353274
Annual Permit 2_str	BOBJ1	91	After	Interior Girder 6	11	0.95	1	1	1.127451
Annual Permit 2_str	BOBJ1	96	Before	Left Exterior Girder	16	0.95	1	1	3.314544
Annual Permit 2_str	BOBJ1	96	Before	Interior Girder 1	16	0.95	1	1	1.552911
Annual Permit 2_str	BOBJ1	96	Before	Interior Girder 2	16	0.95	1	1	1.847876
Annual Permit 2_str	BOBJ1	96	Before	Interior Girder 3	16	0.95	1	1	2.128044
Annual Permit 2_str	BOBJ1	96	Before	Interior Girder 4	16	0.95	1	1	2.126031
Annual Permit 2_str	BOBJ1	96	Before	Interior Girder 5	16	0.95	1	1	1.846419
Annual Permit 2_str	BOBJ1	96	Before	Interior Girder 6	16	0.95	1	1	1.553117
Annual Permit 2_str	BOBJ1	96	Before	Right Exterior Girder	16	0.95	1	1	3.317293
Annual Permit 2_str	BOBJ1	96	After	Left Exterior Girder	16	0.95	1	1	1.611176

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelINonCompStrgth-Flx - Approach, Span 4-E									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Annual Permit 2_str	BOBJ1	96	After	Interior Girder 1	16	0.95	1	1	1.838209
Annual Permit 2_str	BOBJ1	96	After	Interior Girder 2	16	0.95	1	1	2.162193
Annual Permit 2_str	BOBJ1	96	After	Interior Girder 3	16	0.95	1	1	2.439346
Annual Permit 2_str	BOBJ1	96	After	Interior Girder 4	16	0.95	1	1	2.437326
Annual Permit 2_str	BOBJ1	96	After	Interior Girder 5	16	0.95	1	1	2.160388
Annual Permit 2_str	BOBJ1	96	After	Interior Girder 6	16	0.95	1	1	1.838437
Annual Permit 2_str	BOBJ1	96	After	Right Exterior Girder	16	0.95	1	1	1.612573
Annual Permit 2_str	BOBJ1	104	Before	Left Exterior Girder	24	0.95	1	1	1.923381
Annual Permit 2_str	BOBJ1	104	Before	Interior Girder 1	24	0.95	1	1	1.756498
Annual Permit 2_str	BOBJ1	104	Before	Interior Girder 2	24	0.95	1	1	1.862752
Annual Permit 2_str	BOBJ1	104	Before	Interior Girder 3	24	0.95	1	1	1.796881
Annual Permit 2_str	BOBJ1	104	Before	Interior Girder 4	24	0.95	1	1	1.805708
Annual Permit 2_str	BOBJ1	104	Before	Interior Girder 5	24	0.95	1	1	1.861229
Annual Permit 2_str	BOBJ1	104	Before	Interior Girder 6	24	0.95	1	1	1.760103
Annual Permit 2_str	BOBJ1	104	Before	Right Exterior Girder	24	0.95	1	1	1.925028
Annual Permit 2_str	BOBJ1	104	After	Left Exterior Girder	24	0.95	1	1	1.992045
Annual Permit 2_str	BOBJ1	104	After	Interior Girder 1	24	0.95	1	1	1.713258
Annual Permit 2_str	BOBJ1	104	After	Interior Girder 2	24	0.95	1	1	1.853145
Annual Permit 2_str	BOBJ1	104	After	Interior Girder 3	24	0.95	1	1	1.83428
Annual Permit 2_str	BOBJ1	104	After	Interior Girder 4	24	0.95	1	1	1.843605
Annual Permit 2_str	BOBJ1	104	After	Interior Girder 5	24	0.95	1	1	1.851713
Annual Permit 2_str	BOBJ1	104	After	Interior Girder 6	24	0.95	1	1	1.71645
Annual Permit 2_str	BOBJ1	104	After	Right Exterior Girder	24	0.95	1	1	1.993457
Annual Permit 2_str	BOBJ1	112	Before	Left Exterior Girder	32	0.95	1	1	1.213669
Annual Permit 2_str	BOBJ1	112	Before	Interior Girder 1	32	0.95	1	1	1.311165
Annual Permit 2_str	BOBJ1	112	Before	Interior Girder 2	32	0.95	1	1	1.509583
Annual Permit 2_str	BOBJ1	112	Before	Interior Girder 3	32	0.95	1	1	1.562506
Annual Permit 2_str	BOBJ1	112	Before	Interior Girder 4	32	0.95	1	1	1.56485
Annual Permit 2_str	BOBJ1	112	Before	Interior Girder 5	32	0.95	1	1	1.511759
Annual Permit 2_str	BOBJ1	112	Before	Interior Girder 6	32	0.95	1	1	1.310058
Annual Permit 2_str	BOBJ1	112	Before	Right Exterior Girder	32	0.95	1	1	1.214914
Annual Permit 2_str	BOBJ1	112	After	Left Exterior Girder	32	0.95	1	1	1.237376
Annual Permit 2_str	BOBJ1	112	After	Interior Girder 1	32	0.95	1	1	1.295153
Annual Permit 2_str	BOBJ1	112	After	Interior Girder 2	32	0.95	1	1	1.505286
Annual Permit 2_str	BOBJ1	112	After	Interior Girder 3	32	0.95	1	1	1.576937
Annual Permit 2_str	BOBJ1	112	After	Interior Girder 4	32	0.95	1	1	1.579535
Annual Permit 2_str	BOBJ1	112	After	Interior Girder 5	32	0.95	1	1	1.507455
Annual Permit 2_str	BOBJ1	112	After	Interior Girder 6	32	0.95	1	1	1.293858
Annual Permit 2_str	BOBJ1	112	After	Right Exterior Girder	32	0.95	1	1	1.238599
Annual Permit 2_str	BOBJ1	120	Before	Left Exterior Girder	40	0.95	1	1	1.113397
Annual Permit 2_str	BOBJ1	120	Before	Interior Girder 1	40	0.95	1	1	1.117267
Annual Permit 2_str	BOBJ1	120	Before	Interior Girder 2	40	0.95	1	1	1.286186
Annual Permit 2_str	BOBJ1	120	Before	Interior Girder 3	40	0.95	1	1	1.297391
Annual Permit 2_str	BOBJ1	120	Before	Interior Girder 4	40	0.95	1	1	1.303056
Annual Permit 2_str	BOBJ1	120	Before	Interior Girder 5	40	0.95	1	1	1.286602
Annual Permit 2_str	BOBJ1	120	Before	Interior Girder 6	40	0.95	1	1	1.118649
Annual Permit 2_str	BOBJ1	120	Before	Right Exterior Girder	40	0.95	1	1	1.114391
Annual Permit 2_str	BOBJ1	120	After	Left Exterior Girder	40	0.95	1	1	1.11486
Annual Permit 2_str	BOBJ1	120	After	Interior Girder 1	40	0.95	1	1	1.115967
Annual Permit 2_str	BOBJ1	120	After	Interior Girder 2	40	0.95	1	1	1.285805
Annual Permit 2_str	BOBJ1	120	After	Interior Girder 3	40	0.95	1	1	1.297877
Annual Permit 2_str	BOBJ1	120	After	Interior Girder 4	40	0.95	1	1	1.303547
Annual Permit 2_str	BOBJ1	120	After	Interior Girder 5	40	0.95	1	1	1.286066
Annual Permit 2_str	BOBJ1	120	After	Interior Girder 6	40	0.95	1	1	1.117333
Annual Permit 2_str	BOBJ1	120	After	Right Exterior Girder	40	0.95	1	1	1.115885
Annual Permit 2_str	BOBJ1	128	Before	Left Exterior Girder	48	0.95	1	1	1.215374
Annual Permit 2_str	BOBJ1	128	Before	Interior Girder 1	48	0.95	1	1	1.282888
Annual Permit 2_str	BOBJ1	128	Before	Interior Girder 2	48	0.95	1	1	1.493543
Annual Permit 2_str	BOBJ1	128	Before	Interior Girder 3	48	0.95	1	1	1.567343
Annual Permit 2_str	BOBJ1	128	Before	Interior Girder 4	48	0.95	1	1	1.569545
Annual Permit 2_str	BOBJ1	128	Before	Interior Girder 5	48	0.95	1	1	1.495703
Annual Permit 2_str	BOBJ1	128	Before	Interior Girder 6	48	0.95	1	1	1.281746
Annual Permit 2_str	BOBJ1	128	Before	Right Exterior Girder	48	0.95	1	1	1.216569
Annual Permit 2_str	BOBJ1	128	After	Left Exterior Girder	48	0.95	1	1	1.195368
Annual Permit 2_str	BOBJ1	128	After	Interior Girder 1	48	0.95	1	1	1.295027

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelINonCompStrgth-Flx - Approach, Span 4-E									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Annual Permit 2_str	BOBJ1	128	After	Interior Girder 2	48	0.95	1	1	1.497256
Annual Permit 2_str	BOBJ1	128	After	Interior Girder 3	48	0.95	1	1	1.553748
Annual Permit 2_str	BOBJ1	128	After	Interior Girder 4	48	0.95	1	1	1.556033
Annual Permit 2_str	BOBJ1	128	After	Interior Girder 5	48	0.95	1	1	1.49943
Annual Permit 2_str	BOBJ1	128	After	Interior Girder 6	48	0.95	1	1	1.294134
Annual Permit 2_str	BOBJ1	128	After	Right Exterior Girder	48	0.95	1	1	1.196584
Annual Permit 2_str	BOBJ1	136	Before	Left Exterior Girder	56	0.95	1	1	1.910753
Annual Permit 2_str	BOBJ1	136	Before	Interior Girder 1	56	0.95	1	1	1.677551
Annual Permit 2_str	BOBJ1	136	Before	Interior Girder 2	56	0.95	1	1	1.824136
Annual Permit 2_str	BOBJ1	136	Before	Interior Girder 3	56	0.95	1	1	1.809114
Annual Permit 2_str	BOBJ1	136	Before	Interior Girder 4	56	0.95	1	1	1.818075
Annual Permit 2_str	BOBJ1	136	Before	Interior Girder 5	56	0.95	1	1	1.822686
Annual Permit 2_str	BOBJ1	136	Before	Interior Girder 6	56	0.95	1	1	1.68091
Annual Permit 2_str	BOBJ1	136	Before	Right Exterior Girder	56	0.95	1	1	1.912115
Annual Permit 2_str	BOBJ1	136	After	Left Exterior Girder	56	0.95	1	1	1.84896
Annual Permit 2_str	BOBJ1	136	After	Interior Girder 1	56	0.95	1	1	1.715965
Annual Permit 2_str	BOBJ1	136	After	Interior Girder 2	56	0.95	1	1	1.833493
Annual Permit 2_str	BOBJ1	136	After	Interior Girder 3	56	0.95	1	1	1.774082
Annual Permit 2_str	BOBJ1	136	After	Interior Girder 4	56	0.95	1	1	1.782739
Annual Permit 2_str	BOBJ1	136	After	Interior Girder 5	56	0.95	1	1	1.832002
Annual Permit 2_str	BOBJ1	136	After	Interior Girder 6	56	0.95	1	1	1.719634
Annual Permit 2_str	BOBJ1	136	After	Right Exterior Girder	56	0.95	1	1	1.850545
Annual Permit 2_str	BOBJ1	144	Before	Left Exterior Girder	64	0.95	1	1	1.599686
Annual Permit 2_str	BOBJ1	144	Before	Interior Girder 1	64	0.95	1	1	1.810067
Annual Permit 2_str	BOBJ1	144	Before	Interior Girder 2	64	0.95	1	1	2.131849
Annual Permit 2_str	BOBJ1	144	Before	Interior Girder 3	64	0.95	1	1	2.459462
Annual Permit 2_str	BOBJ1	144	Before	Interior Girder 4	64	0.95	1	1	2.457552
Annual Permit 2_str	BOBJ1	144	Before	Interior Girder 5	64	0.95	1	1	2.130171
Annual Permit 2_str	BOBJ1	144	Before	Interior Girder 6	64	0.95	1	1	1.810286
Annual Permit 2_str	BOBJ1	144	Before	Right Exterior Girder	64	0.95	1	1	1.600999
Annual Permit 2_str	BOBJ1	144	After	Left Exterior Girder	64	0.95	1	1	3.028564
Annual Permit 2_str	BOBJ1	144	After	Interior Girder 1	64	0.95	1	1	1.526758
Annual Permit 2_str	BOBJ1	144	After	Interior Girder 2	64	0.95	1	1	1.821474
Annual Permit 2_str	BOBJ1	144	After	Interior Girder 3	64	0.95	1	1	2.144657
Annual Permit 2_str	BOBJ1	144	After	Interior Girder 4	64	0.95	1	1	2.142717
Annual Permit 2_str	BOBJ1	144	After	Interior Girder 5	64	0.95	1	1	1.820104
Annual Permit 2_str	BOBJ1	144	After	Interior Girder 6	64	0.95	1	1	1.526954
Annual Permit 2_str	BOBJ1	144	After	Right Exterior Girder	64	0.95	1	1	3.030946
Annual Permit 2_str	BOBJ1	150	Before	Interior Girder 1	70	0.95	1	1	1.028838
Annual Permit 2_str	BOBJ1	150	Before	Interior Girder 2	70	0.95	1	1	1.246441
Annual Permit 2_str	BOBJ1	150	Before	Interior Girder 3	70	0.95	1	1	1.2691
Annual Permit 2_str	BOBJ1	150	Before	Interior Girder 4	70	0.95	1	1	1.268458
Annual Permit 2_str	BOBJ1	150	Before	Interior Girder 5	70	0.95	1	1	1.245054
Annual Permit 2_str	BOBJ1	150	Before	Interior Girder 6	70	0.95	1	1	1.029105
Annual Permit 2_str	BOBJ1	150	After	Interior Girder 1	70	0.95	1	1	2.426808
Annual Permit 2_str	BOBJ1	150	After	Interior Girder 2	70	0.95	1	1	2.852845
Annual Permit 2_str	BOBJ1	150	After	Interior Girder 3	70	0.95	1	1	2.95708
Annual Permit 2_str	BOBJ1	150	After	Interior Girder 4	70	0.95	1	1	2.955299
Annual Permit 2_str	BOBJ1	150	After	Interior Girder 5	70	0.95	1	1	2.849733
Annual Permit 2_str	BOBJ1	150	After	Interior Girder 6	70	0.95	1	1	2.427412
Annual Permit 2_str	BOBJ1	152	Before	Left Exterior Girder	72	0.95	1	1	2.017248
Annual Permit 2_str	BOBJ1	152	Before	Interior Girder 1	72	0.95	1	1	2.212084
Annual Permit 2_str	BOBJ1	152	Before	Interior Girder 2	72	0.95	1	1	2.607174
Annual Permit 2_str	BOBJ1	152	Before	Interior Girder 3	72	0.95	1	1	2.601725
Annual Permit 2_str	BOBJ1	152	Before	Interior Girder 4	72	0.95	1	1	2.60051
Annual Permit 2_str	BOBJ1	152	Before	Interior Girder 5	72	0.95	1	1	2.604055
Annual Permit 2_str	BOBJ1	152	Before	Interior Girder 6	72	0.95	1	1	2.212725
Annual Permit 2_str	BOBJ1	152	Before	Right Exterior Girder	72	0.95	1	1	2.019285
Annual Permit 2_str	BOBJ1	152	After	Left Exterior Girder	72	0.95	1	1	2.031065
Annual Permit 2_str	BOBJ1	152	After	Interior Girder 1	72	0.95	1	1	2.181887
Annual Permit 2_str	BOBJ1	152	After	Interior Girder 2	72	0.95	1	1	2.580065
Annual Permit 2_str	BOBJ1	152	After	Interior Girder 3	72	0.95	1	1	2.562907
Annual Permit 2_str	BOBJ1	152	After	Interior Girder 4	72	0.95	1	1	2.562219
Annual Permit 2_str	BOBJ1	152	After	Interior Girder 5	72	0.95	1	1	2.576692
Annual Permit 2_str	BOBJ1	152	After	Interior Girder 6	72	0.95	1	1	2.182728

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelINonCompStrgth-Flx - Approach, Span 4-6									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Annual Permit 2_str	BOBJ1	152	After	Right Exterior Girder	72	0.95	1	1	2.033151
Annual Permit 2_str	BOBJ1	154	Before	Left Exterior Girder	74	0.95	1	1	1.775925
Annual Permit 2_str	BOBJ1	154	Before	Right Exterior Girder	74	0.95	1	1	1.777856
Annual Permit 2_str	BOBJ1	154	After	Left Exterior Girder	74	0.95	1	1	2.790698
Annual Permit 2_str	BOBJ1	154	After	Right Exterior Girder	74	0.95	1	1	2.793805
Annual Permit 2_str	BOBJ1	160	Before	Left Exterior Girder	80	0.95	1	1	2.005249
Annual Permit 2_str	BOBJ1	160	Before	Interior Girder 1	80	0.95	1	1	1.359458
Annual Permit 2_str	BOBJ1	160	Before	Interior Girder 2	80	0.95	1	1	1.520669
Annual Permit 2_str	BOBJ1	160	Before	Interior Girder 3	80	0.95	1	1	1.16063
Annual Permit 2_str	BOBJ1	160	Before	Interior Girder 4	80	0.95	1	1	1.165978
Annual Permit 2_str	BOBJ1	160	Before	Interior Girder 5	80	0.95	1	1	1.519079
Annual Permit 2_str	BOBJ1	160	Before	Interior Girder 6	80	0.95	1	1	1.361194
Annual Permit 2_str	BOBJ1	160	Before	Right Exterior Girder	80	0.95	1	1	2.00775
Annual Permit 2_str	BOBJ1	160	After	Left Exterior Girder	0	0.95	1	1	1.933175
Annual Permit 2_str	BOBJ1	160	After	Interior Girder 1	0	0.95	1	1	1.334504
Annual Permit 2_str	BOBJ1	160	After	Interior Girder 2	0	0.95	1	1	1.51227
Annual Permit 2_str	BOBJ1	160	After	Interior Girder 3	0	0.95	1	1	1.147053
Annual Permit 2_str	BOBJ1	160	After	Interior Girder 4	0	0.95	1	1	1.152341
Annual Permit 2_str	BOBJ1	160	After	Interior Girder 5	0	0.95	1	1	1.509794
Annual Permit 2_str	BOBJ1	160	After	Interior Girder 6	0	0.95	1	1	1.338125
Annual Permit 2_str	BOBJ1	160	After	Right Exterior Girder	0	0.95	1	1	1.935499
Annual Permit 2_str	BOBJ1	166	Before	Left Exterior Girder	6	0.95	1	1	2.987195
Annual Permit 2_str	BOBJ1	166	Before	Right Exterior Girder	6	0.95	1	1	2.99067
Annual Permit 2_str	BOBJ1	166	After	Left Exterior Girder	6	0.95	1	1	1.92547
Annual Permit 2_str	BOBJ1	166	After	Right Exterior Girder	6	0.95	1	1	1.927667
Annual Permit 2_str	BOBJ1	168	Before	Left Exterior Girder	8	0.95	1	1	2.215572
Annual Permit 2_str	BOBJ1	168	Before	Interior Girder 1	8	0.95	1	1	2.470351
Annual Permit 2_str	BOBJ1	168	Before	Interior Girder 2	8	0.95	1	1	2.921376
Annual Permit 2_str	BOBJ1	168	Before	Interior Girder 3	8	0.95	1	1	2.863521
Annual Permit 2_str	BOBJ1	168	Before	Interior Girder 4	8	0.95	1	1	2.863072
Annual Permit 2_str	BOBJ1	168	Before	Interior Girder 5	8	0.95	1	1	2.916975
Annual Permit 2_str	BOBJ1	168	Before	Interior Girder 6	8	0.95	1	1	2.471642
Annual Permit 2_str	BOBJ1	168	Before	Right Exterior Girder	8	0.95	1	1	2.217958
Annual Permit 2_str	BOBJ1	168	After	Left Exterior Girder	8	0.95	1	1	2.181433
Annual Permit 2_str	BOBJ1	168	After	Interior Girder 1	8	0.95	1	1	2.529507
Annual Permit 2_str	BOBJ1	168	After	Interior Girder 2	8	0.95	1	1	2.955908
Annual Permit 2_str	BOBJ1	168	After	Interior Girder 3	8	0.95	1	1	2.911705
Annual Permit 2_str	BOBJ1	168	After	Interior Girder 4	8	0.95	1	1	2.910426
Annual Permit 2_str	BOBJ1	168	After	Interior Girder 5	8	0.95	1	1	2.952105
Annual Permit 2_str	BOBJ1	168	After	Interior Girder 6	8	0.95	1	1	2.530495
Annual Permit 2_str	BOBJ1	168	After	Right Exterior Girder	8	0.95	1	1	2.183754
Annual Permit 2_str	BOBJ1	170	Before	Interior Girder 1	10	0.95	1	1	2.798184
Annual Permit 2_str	BOBJ1	170	Before	Interior Girder 2	10	0.95	1	1	3.252243
Annual Permit 2_str	BOBJ1	170	Before	Interior Girder 3	10	0.95	1	1	3.329102
Annual Permit 2_str	BOBJ1	170	Before	Interior Girder 4	10	0.95	1	1	3.327206
Annual Permit 2_str	BOBJ1	170	Before	Interior Girder 5	10	0.95	1	1	3.24844
Annual Permit 2_str	BOBJ1	170	Before	Interior Girder 6	10	0.95	1	1	2.799101
Annual Permit 2_str	BOBJ1	170	After	Interior Girder 1	10	0.95	1	1	1.311728
Annual Permit 2_str	BOBJ1	170	After	Interior Girder 2	10	0.95	1	1	1.566576
Annual Permit 2_str	BOBJ1	170	After	Interior Girder 3	10	0.95	1	1	1.570386
Annual Permit 2_str	BOBJ1	170	After	Interior Girder 4	10	0.95	1	1	1.569578
Annual Permit 2_str	BOBJ1	170	After	Interior Girder 5	10	0.95	1	1	1.56469
Annual Permit 2_str	BOBJ1	170	After	Interior Girder 6	10	0.95	1	1	1.312177
Annual Permit 2_str	BOBJ1	176	Before	Left Exterior Girder	16	0.95	1	1	3.234425
Annual Permit 2_str	BOBJ1	176	Before	Interior Girder 1	16	0.95	1	1	1.987193
Annual Permit 2_str	BOBJ1	176	Before	Interior Girder 2	16	0.95	1	1	2.324815
Annual Permit 2_str	BOBJ1	176	Before	Interior Girder 3	16	0.95	1	1	2.674198
Annual Permit 2_str	BOBJ1	176	Before	Interior Girder 4	16	0.95	1	1	2.671762
Annual Permit 2_str	BOBJ1	176	Before	Interior Girder 5	16	0.95	1	1	2.322809
Annual Permit 2_str	BOBJ1	176	Before	Interior Girder 6	16	0.95	1	1	1.987485
Annual Permit 2_str	BOBJ1	176	Before	Right Exterior Girder	16	0.95	1	1	3.237184
Annual Permit 2_str	BOBJ1	176	After	Left Exterior Girder	16	0.95	1	1	3.355988
Annual Permit 2_str	BOBJ1	176	After	Interior Girder 1	16	0.95	1	1	2.015239
Annual Permit 2_str	BOBJ1	176	After	Interior Girder 2	16	0.95	1	1	2.342488
Annual Permit 2_str	BOBJ1	176	After	Interior Girder 3	16	0.95	1	1	2.668563

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelINonCompStrgth-Flx - Approach, Span 4-E									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Annual Permit 2_str	BOBJ1	176	After	Interior Girder 4	16	0.95	1	1	2.666456
Annual Permit 2_str	BOBJ1	176	After	Interior Girder 5	16	0.95	1	1	2.34054
Annual Permit 2_str	BOBJ1	176	After	Interior Girder 6	16	0.95	1	1	2.015517
Annual Permit 2_str	BOBJ1	176	After	Right Exterior Girder	16	0.95	1	1	3.358881
Annual Permit 2_str	BOBJ1	181	Before	Interior Girder 1	21	0.95	1	1	1.390199
Annual Permit 2_str	BOBJ1	181	Before	Interior Girder 2	21	0.95	1	1	1.485307
Annual Permit 2_str	BOBJ1	181	Before	Interior Girder 3	21	0.95	1	1	1.449869
Annual Permit 2_str	BOBJ1	181	Before	Interior Girder 4	21	0.95	1	1	1.456125
Annual Permit 2_str	BOBJ1	181	Before	Interior Girder 5	21	0.95	1	1	1.484904
Annual Permit 2_str	BOBJ1	181	Before	Interior Girder 6	21	0.95	1	1	1.392356
Annual Permit 2_str	BOBJ1	181	After	Interior Girder 1	21	0.95	1	1	2.467305
Annual Permit 2_str	BOBJ1	181	After	Interior Girder 2	21	0.95	1	1	2.604688
Annual Permit 2_str	BOBJ1	181	After	Interior Girder 3	21	0.95	1	1	2.629163
Annual Permit 2_str	BOBJ1	181	After	Interior Girder 4	21	0.95	1	1	2.640843
Annual Permit 2_str	BOBJ1	181	After	Interior Girder 5	21	0.95	1	1	2.602733
Annual Permit 2_str	BOBJ1	181	After	Interior Girder 6	21	0.95	1	1	2.47116
Annual Permit 2_str	BOBJ1	184	Before	Left Exterior Girder	24	0.95	1	1	2.118154
Annual Permit 2_str	BOBJ1	184	Before	Interior Girder 1	24	0.95	1	1	1.949402
Annual Permit 2_str	BOBJ1	184	Before	Interior Girder 2	24	0.95	1	1	2.112632
Annual Permit 2_str	BOBJ1	184	Before	Interior Girder 3	24	0.95	1	1	2.119094
Annual Permit 2_str	BOBJ1	184	Before	Interior Girder 4	24	0.95	1	1	2.127801
Annual Permit 2_str	BOBJ1	184	Before	Interior Girder 5	24	0.95	1	1	2.108814
Annual Permit 2_str	BOBJ1	184	Before	Interior Girder 6	24	0.95	1	1	1.952916
Annual Permit 2_str	BOBJ1	184	Before	Right Exterior Girder	24	0.95	1	1	2.119871
Annual Permit 2_str	BOBJ1	184	After	Left Exterior Girder	24	0.95	1	1	2.178522
Annual Permit 2_str	BOBJ1	184	After	Interior Girder 1	24	0.95	1	1	1.915343
Annual Permit 2_str	BOBJ1	184	After	Interior Girder 2	24	0.95	1	1	2.107096
Annual Permit 2_str	BOBJ1	184	After	Interior Girder 3	24	0.95	1	1	2.15208
Annual Permit 2_str	BOBJ1	184	After	Interior Girder 4	24	0.95	1	1	2.161025
Annual Permit 2_str	BOBJ1	184	After	Interior Girder 5	24	0.95	1	1	2.104643
Annual Permit 2_str	BOBJ1	184	After	Interior Girder 6	24	0.95	1	1	1.918647
Annual Permit 2_str	BOBJ1	184	After	Right Exterior Girder	24	0.95	1	1	2.180095
Annual Permit 2_str	BOBJ1	192	Before	Left Exterior Girder	32	0.95	1	1	1.331652
Annual Permit 2_str	BOBJ1	192	Before	Interior Girder 1	32	0.95	1	1	1.340335
Annual Permit 2_str	BOBJ1	192	Before	Interior Girder 2	32	0.95	1	1	1.583964
Annual Permit 2_str	BOBJ1	192	Before	Interior Girder 3	32	0.95	1	1	1.661872
Annual Permit 2_str	BOBJ1	192	Before	Interior Girder 4	32	0.95	1	1	1.66449
Annual Permit 2_str	BOBJ1	192	Before	Interior Girder 5	32	0.95	1	1	1.586187
Annual Permit 2_str	BOBJ1	192	Before	Interior Girder 6	32	0.95	1	1	1.339804
Annual Permit 2_str	BOBJ1	192	Before	Right Exterior Girder	32	0.95	1	1	1.332983
Annual Permit 2_str	BOBJ1	192	After	Left Exterior Girder	32	0.95	1	1	1.363365
Annual Permit 2_str	BOBJ1	192	After	Interior Girder 1	32	0.95	1	1	1.320736
Annual Permit 2_str	BOBJ1	192	After	Interior Girder 2	32	0.95	1	1	1.577343
Annual Permit 2_str	BOBJ1	192	After	Interior Girder 3	32	0.95	1	1	1.675881
Annual Permit 2_str	BOBJ1	192	After	Interior Girder 4	32	0.95	1	1	1.678001
Annual Permit 2_str	BOBJ1	192	After	Interior Girder 5	32	0.95	1	1	1.579702
Annual Permit 2_str	BOBJ1	192	After	Interior Girder 6	32	0.95	1	1	1.320162
Annual Permit 2_str	BOBJ1	192	After	Right Exterior Girder	32	0.95	1	1	1.364679
Annual Permit 2_str	BOBJ1	200	Before	Left Exterior Girder	40	0.95	1	1	1.10305
Annual Permit 2_str	BOBJ1	200	Before	Interior Girder 1	40	0.95	1	1	1.031369
Annual Permit 2_str	BOBJ1	200	Before	Interior Girder 2	40	0.95	1	1	1.227246
Annual Permit 2_str	BOBJ1	200	Before	Interior Girder 3	40	0.95	1	1	1.285487
Annual Permit 2_str	BOBJ1	200	Before	Interior Girder 4	40	0.95	1	1	1.288205
Annual Permit 2_str	BOBJ1	200	Before	Interior Girder 5	40	0.95	1	1	1.227019
Annual Permit 2_str	BOBJ1	200	Before	Interior Girder 6	40	0.95	1	1	1.032544
Annual Permit 2_str	BOBJ1	200	Before	Right Exterior Girder	40	0.95	1	1	1.103999
Annual Permit 2_str	BOBJ1	200	After	Left Exterior Girder	40	0.95	1	1	1.114313
Annual Permit 2_str	BOBJ1	200	After	Interior Girder 1	40	0.95	1	1	1.023565
Annual Permit 2_str	BOBJ1	200	After	Interior Girder 2	40	0.95	1	1	1.225286
Annual Permit 2_str	BOBJ1	200	After	Interior Girder 3	40	0.95	1	1	1.283819
Annual Permit 2_str	BOBJ1	200	After	Interior Girder 4	40	0.95	1	1	1.28826
Annual Permit 2_str	BOBJ1	200	After	Interior Girder 5	40	0.95	1	1	1.224408
Annual Permit 2_str	BOBJ1	200	After	Interior Girder 6	40	0.95	1	1	1.024759
Annual Permit 2_str	BOBJ1	200	After	Right Exterior Girder	40	0.95	1	1	1.115234
Annual Permit 2_str	BOBJ1	208	Before	Left Exterior Girder	48	0.95	1	1	1.036838

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelINonCompStrgth-Flx - Approach, Span 4-E									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Annual Permit 2_str	BOBJ1	208	Before	Interior Girder 1	48	0.95	1	1	0.993714
Annual Permit 2_str	BOBJ1	208	Before	Interior Girder 2	48	0.95	1	1	1.221727
Annual Permit 2_str	BOBJ1	208	Before	Interior Girder 3	48	0.95	1	1	1.317473
Annual Permit 2_str	BOBJ1	208	Before	Interior Girder 4	48	0.95	1	1	1.319109
Annual Permit 2_str	BOBJ1	208	Before	Interior Girder 5	48	0.95	1	1	1.222592
Annual Permit 2_str	BOBJ1	208	Before	Interior Girder 6	48	0.95	1	1	0.993391
Annual Permit 2_str	BOBJ1	208	Before	Right Exterior Girder	48	0.95	1	1	1.037772
Annual Permit 2_str	BOBJ1	208	After	Left Exterior Girder	48	0.95	1	1	1.030324
Annual Permit 2_str	BOBJ1	208	After	Interior Girder 1	48	0.95	1	1	0.994157
Annual Permit 2_str	BOBJ1	208	After	Interior Girder 2	48	0.95	1	1	1.224509
Annual Permit 2_str	BOBJ1	208	After	Interior Girder 3	48	0.95	1	1	1.310981
Annual Permit 2_str	BOBJ1	208	After	Interior Girder 4	48	0.95	1	1	1.312342
Annual Permit 2_str	BOBJ1	208	After	Interior Girder 5	48	0.95	1	1	1.226357
Annual Permit 2_str	BOBJ1	208	After	Interior Girder 6	48	0.95	1	1	0.993894
Annual Permit 2_str	BOBJ1	208	After	Right Exterior Girder	48	0.95	1	1	1.031272
Annual Permit 2_str	BOBJ1	216	Before	Left Exterior Girder	56	0.95	1	1	1.22114
Annual Permit 2_str	BOBJ1	216	Before	Interior Girder 1	56	0.95	1	1	1.073676
Annual Permit 2_str	BOBJ1	216	Before	Interior Girder 2	56	0.95	1	1	1.265165
Annual Permit 2_str	BOBJ1	216	Before	Interior Girder 3	56	0.95	1	1	1.319644
Annual Permit 2_str	BOBJ1	216	Before	Interior Girder 4	56	0.95	1	1	1.324041
Annual Permit 2_str	BOBJ1	216	Before	Interior Girder 5	56	0.95	1	1	1.262698
Annual Permit 2_str	BOBJ1	216	Before	Interior Girder 6	56	0.95	1	1	1.075148
Annual Permit 2_str	BOBJ1	216	Before	Right Exterior Girder	56	0.95	1	1	1.222077
Annual Permit 2_str	BOBJ1	216	After	Left Exterior Girder	56	0.95	1	1	1.193906
Annual Permit 2_str	BOBJ1	216	After	Interior Girder 1	56	0.95	1	1	1.08391
Annual Permit 2_str	BOBJ1	216	After	Interior Girder 2	56	0.95	1	1	1.271732
Annual Permit 2_str	BOBJ1	216	After	Interior Girder 3	56	0.95	1	1	1.301313
Annual Permit 2_str	BOBJ1	216	After	Interior Girder 4	56	0.95	1	1	1.304634
Annual Permit 2_str	BOBJ1	216	After	Interior Girder 5	56	0.95	1	1	1.26943
Annual Permit 2_str	BOBJ1	216	After	Interior Girder 6	56	0.95	1	1	1.085407
Annual Permit 2_str	BOBJ1	216	After	Right Exterior Girder	56	0.95	1	1	1.194928
Annual Permit 2_str	BOBJ1	224	Before	Left Exterior Girder	64	0.95	1	1	1.693362
Annual Permit 2_str	BOBJ1	224	Before	Interior Girder 1	64	0.95	1	1	1.536991
Annual Permit 2_str	BOBJ1	224	Before	Interior Girder 2	64	0.95	1	1	1.80296
Annual Permit 2_str	BOBJ1	224	Before	Interior Girder 3	64	0.95	1	1	1.880243
Annual Permit 2_str	BOBJ1	224	Before	Interior Girder 4	64	0.95	1	1	1.883963
Annual Permit 2_str	BOBJ1	224	Before	Interior Girder 5	64	0.95	1	1	1.804567
Annual Permit 2_str	BOBJ1	224	Before	Interior Girder 6	64	0.95	1	1	1.536477
Annual Permit 2_str	BOBJ1	224	Before	Right Exterior Girder	64	0.95	1	1	1.694866
Annual Permit 2_str	BOBJ1	224	After	Left Exterior Girder	64	0.95	1	1	1.634819
Annual Permit 2_str	BOBJ1	224	After	Interior Girder 1	64	0.95	1	1	1.567811
Annual Permit 2_str	BOBJ1	224	After	Interior Girder 2	64	0.95	1	1	1.807156
Annual Permit 2_str	BOBJ1	224	After	Interior Girder 3	64	0.95	1	1	1.822305
Annual Permit 2_str	BOBJ1	224	After	Interior Girder 4	64	0.95	1	1	1.826006
Annual Permit 2_str	BOBJ1	224	After	Interior Girder 5	64	0.95	1	1	1.807936
Annual Permit 2_str	BOBJ1	224	After	Interior Girder 6	64	0.95	1	1	1.567321
Annual Permit 2_str	BOBJ1	224	After	Right Exterior Girder	64	0.95	1	1	1.636492
Annual Permit 2_str	BOBJ1	232	Before	Left Exterior Girder	72	0.95	1	1	3.592147
Annual Permit 2_str	BOBJ1	232	Before	Interior Girder 1	72	0.95	1	1	2.915587
Annual Permit 2_str	BOBJ1	232	Before	Interior Girder 2	72	0.95	1	1	3.161928
Annual Permit 2_str	BOBJ1	232	Before	Interior Girder 3	72	0.95	1	1	3.241978
Annual Permit 2_str	BOBJ1	232	Before	Interior Girder 4	72	0.95	1	1	3.261809
Annual Permit 2_str	BOBJ1	232	Before	Interior Girder 5	72	0.95	1	1	3.161319
Annual Permit 2_str	BOBJ1	232	Before	Interior Girder 6	72	0.95	1	1	2.920547
Annual Permit 2_str	BOBJ1	232	Before	Right Exterior Girder	72	0.95	1	1	3.598613
Annual Permit 2_str	BOBJ1	232	After	Left Exterior Girder	72	0.95	1	1	3.486178
Annual Permit 2_str	BOBJ1	232	After	Interior Girder 1	72	0.95	1	1	2.956539
Annual Permit 2_str	BOBJ1	232	After	Interior Girder 2	72	0.95	1	1	3.114093
Annual Permit 2_str	BOBJ1	232	After	Interior Girder 3	72	0.95	1	1	3.037138
Annual Permit 2_str	BOBJ1	232	After	Interior Girder 4	72	0.95	1	1	3.057593
Annual Permit 2_str	BOBJ1	232	After	Interior Girder 5	72	0.95	1	1	3.111278
Annual Permit 2_str	BOBJ1	232	After	Interior Girder 6	72	0.95	1	1	2.962713
Annual Permit 2_str	BOBJ1	232	After	Right Exterior Girder	72	0.95	1	1	3.491251
Annual Permit 2_str	BOBJ1	240	Before	Left Exterior Girder	80	0.95	1	1	30.741171
Annual Permit 2_str	BOBJ1	240	Before	Interior Girder 1	80	0.95	1	1	23.830782

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelINonCompStrgth-Flx - Approach, Span 4-6									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Annual Permit 2_str	BOBJ1	240	Before	Interior Girder 2	80	0.95	1	1	19.26693
Annual Permit 2_str	BOBJ1	240	Before	Interior Girder 3	80	0.95	1	1	12.493579
Annual Permit 2_str	BOBJ1	240	Before	Interior Girder 4	80	0.95	1	1	12.625022
Annual Permit 2_str	BOBJ1	240	Before	Interior Girder 5	80	0.95	1	1	19.063084
Annual Permit 2_str	BOBJ1	240	Before	Interior Girder 6	80	0.95	1	1	23.940627
Annual Permit 2_str	BOBJ1	240	Before	Right Exterior Girder	80	0.95	1	1	30.741171
Overweight Permit_str	BOBJ1	0	After	Left Exterior Girder	0	0.95	1	1	286.357285
Overweight Permit_str	BOBJ1	0	After	Interior Girder 1	0	0.95	1	1	354.396214
Overweight Permit_str	BOBJ1	0	After	Interior Girder 2	0	0.95	1	1	318.210263
Overweight Permit_str	BOBJ1	0	After	Interior Girder 3	0	0.95	1	1	210.254422
Overweight Permit_str	BOBJ1	0	After	Interior Girder 4	0	0.95	1	1	212.29216
Overweight Permit_str	BOBJ1	0	After	Interior Girder 5	0	0.95	1	1	315.969198
Overweight Permit_str	BOBJ1	0	After	Interior Girder 6	0	0.95	1	1	343.566022
Overweight Permit_str	BOBJ1	0	After	Right Exterior Girder	0	0.95	1	1	286.357284
Overweight Permit_str	BOBJ1	8	Before	Left Exterior Girder	8	0.95	1	1	4.54914
Overweight Permit_str	BOBJ1	8	Before	Interior Girder 1	8	0.95	1	1	4.432475
Overweight Permit_str	BOBJ1	8	Before	Interior Girder 2	8	0.95	1	1	4.679113
Overweight Permit_str	BOBJ1	8	Before	Interior Girder 3	8	0.95	1	1	4.287288
Overweight Permit_str	BOBJ1	8	Before	Interior Girder 4	8	0.95	1	1	4.312351
Overweight Permit_str	BOBJ1	8	Before	Interior Girder 5	8	0.95	1	1	4.664288
Overweight Permit_str	BOBJ1	8	Before	Interior Girder 6	8	0.95	1	1	4.44403
Overweight Permit_str	BOBJ1	8	Before	Right Exterior Girder	8	0.95	1	1	4.54914
Overweight Permit_str	BOBJ1	8	After	Left Exterior Girder	8	0.95	1	1	4.790448
Overweight Permit_str	BOBJ1	8	After	Interior Girder 1	8	0.95	1	1	4.391131
Overweight Permit_str	BOBJ1	8	After	Interior Girder 2	8	0.95	1	1	4.847072
Overweight Permit_str	BOBJ1	8	After	Interior Girder 3	8	0.95	1	1	4.521086
Overweight Permit_str	BOBJ1	8	After	Interior Girder 4	8	0.95	1	1	4.545611
Overweight Permit_str	BOBJ1	8	After	Interior Girder 5	8	0.95	1	1	4.830773
Overweight Permit_str	BOBJ1	8	After	Interior Girder 6	8	0.95	1	1	4.401502
Overweight Permit_str	BOBJ1	8	After	Right Exterior Girder	8	0.95	1	1	4.790448
Overweight Permit_str	BOBJ1	16	Before	Left Exterior Girder	16	0.95	1	1	2.226997
Overweight Permit_str	BOBJ1	16	Before	Interior Girder 1	16	0.95	1	1	2.580755
Overweight Permit_str	BOBJ1	16	Before	Interior Girder 2	16	0.95	1	1	2.933135
Overweight Permit_str	BOBJ1	16	Before	Interior Girder 3	16	0.95	1	1	2.903618
Overweight Permit_str	BOBJ1	16	Before	Interior Girder 4	16	0.95	1	1	2.903446
Overweight Permit_str	BOBJ1	16	Before	Interior Girder 5	16	0.95	1	1	2.934746
Overweight Permit_str	BOBJ1	16	Before	Interior Girder 6	16	0.95	1	1	2.580528
Overweight Permit_str	BOBJ1	16	Before	Right Exterior Girder	16	0.95	1	1	2.226997
Overweight Permit_str	BOBJ1	16	After	Left Exterior Girder	16	0.95	1	1	2.311269
Overweight Permit_str	BOBJ1	16	After	Interior Girder 1	16	0.95	1	1	2.545217
Overweight Permit_str	BOBJ1	16	After	Interior Girder 2	16	0.95	1	1	2.944156
Overweight Permit_str	BOBJ1	16	After	Interior Girder 3	16	0.95	1	1	2.955833
Overweight Permit_str	BOBJ1	16	After	Interior Girder 4	16	0.95	1	1	2.957215
Overweight Permit_str	BOBJ1	16	After	Interior Girder 5	16	0.95	1	1	2.944301
Overweight Permit_str	BOBJ1	16	After	Interior Girder 6	16	0.95	1	1	2.544979
Overweight Permit_str	BOBJ1	16	After	Right Exterior Girder	16	0.95	1	1	2.311269
Overweight Permit_str	BOBJ1	20.5	Before	Left Exterior Girder	20.5	0.95	1	1	1.851317
Overweight Permit_str	BOBJ1	20.5	Before	Right Exterior Girder	20.5	0.95	1	1	1.851317
Overweight Permit_str	BOBJ1	20.5	After	Left Exterior Girder	20.5	0.95	1	1	2.753988
Overweight Permit_str	BOBJ1	20.5	After	Right Exterior Girder	20.5	0.95	1	1	2.753988
Overweight Permit_str	BOBJ1	24	Before	Left Exterior Girder	24	0.95	1	1	2.467849
Overweight Permit_str	BOBJ1	24	Before	Interior Girder 1	24	0.95	1	1	1.835203
Overweight Permit_str	BOBJ1	24	Before	Interior Girder 2	24	0.95	1	1	2.157762
Overweight Permit_str	BOBJ1	24	Before	Interior Girder 3	24	0.95	1	1	2.172795
Overweight Permit_str	BOBJ1	24	Before	Interior Girder 4	24	0.95	1	1	2.17802
Overweight Permit_str	BOBJ1	24	Before	Interior Girder 5	24	0.95	1	1	2.15277
Overweight Permit_str	BOBJ1	24	Before	Interior Girder 6	24	0.95	1	1	1.837338
Overweight Permit_str	BOBJ1	24	Before	Right Exterior Girder	24	0.95	1	1	2.467849
Overweight Permit_str	BOBJ1	24	After	Left Exterior Girder	24	0.95	1	1	2.495989
Overweight Permit_str	BOBJ1	24	After	Interior Girder 1	24	0.95	1	1	1.844925
Overweight Permit_str	BOBJ1	24	After	Interior Girder 2	24	0.95	1	1	2.162659
Overweight Permit_str	BOBJ1	24	After	Interior Girder 3	24	0.95	1	1	2.188284
Overweight Permit_str	BOBJ1	24	After	Interior Girder 4	24	0.95	1	1	2.195232
Overweight Permit_str	BOBJ1	24	After	Interior Girder 5	24	0.95	1	1	2.157229
Overweight Permit_str	BOBJ1	24	After	Interior Girder 6	24	0.95	1	1	1.847053

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelINonCompStrgth-Flx - Approach, Span 4-E									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Overweight Permit_str	BOBJ1	24	After	Right Exterior Girder	24	0.95	1	1	2.495989
Overweight Permit_str	BOBJ1	32	Before	Left Exterior Girder	32	0.95	1	1	2.169901
Overweight Permit_str	BOBJ1	32	Before	Interior Girder 1	32	0.95	1	1	1.778451
Overweight Permit_str	BOBJ1	32	Before	Interior Girder 2	32	0.95	1	1	2.053975
Overweight Permit_str	BOBJ1	32	Before	Interior Girder 3	32	0.95	1	1	2.170248
Overweight Permit_str	BOBJ1	32	Before	Interior Girder 4	32	0.95	1	1	2.170513
Overweight Permit_str	BOBJ1	32	Before	Interior Girder 5	32	0.95	1	1	2.052986
Overweight Permit_str	BOBJ1	32	Before	Interior Girder 6	32	0.95	1	1	1.778311
Overweight Permit_str	BOBJ1	32	Before	Right Exterior Girder	32	0.95	1	1	2.169901
Overweight Permit_str	BOBJ1	32	After	Left Exterior Girder	32	0.95	1	1	2.184337
Overweight Permit_str	BOBJ1	32	After	Interior Girder 1	32	0.95	1	1	1.78196
Overweight Permit_str	BOBJ1	32	After	Interior Girder 2	32	0.95	1	1	2.044229
Overweight Permit_str	BOBJ1	32	After	Interior Girder 3	32	0.95	1	1	2.17485
Overweight Permit_str	BOBJ1	32	After	Interior Girder 4	32	0.95	1	1	2.17592
Overweight Permit_str	BOBJ1	32	After	Interior Girder 5	32	0.95	1	1	2.043818
Overweight Permit_str	BOBJ1	32	After	Interior Girder 6	32	0.95	1	1	1.78189
Overweight Permit_str	BOBJ1	32	After	Right Exterior Girder	32	0.95	1	1	2.184337
Overweight Permit_str	BOBJ1	40	Before	Left Exterior Girder	40	0.95	1	1	2.335998
Overweight Permit_str	BOBJ1	40	Before	Interior Girder 1	40	0.95	1	1	1.779872
Overweight Permit_str	BOBJ1	40	Before	Interior Girder 2	40	0.95	1	1	2.096948
Overweight Permit_str	BOBJ1	40	Before	Interior Girder 3	40	0.95	1	1	2.160735
Overweight Permit_str	BOBJ1	40	Before	Interior Girder 4	40	0.95	1	1	2.166371
Overweight Permit_str	BOBJ1	40	Before	Interior Girder 5	40	0.95	1	1	2.094379
Overweight Permit_str	BOBJ1	40	Before	Interior Girder 6	40	0.95	1	1	1.781808
Overweight Permit_str	BOBJ1	40	Before	Right Exterior Girder	40	0.95	1	1	2.335998
Overweight Permit_str	BOBJ1	40	After	Left Exterior Girder	40	0.95	1	1	2.321146
Overweight Permit_str	BOBJ1	40	After	Interior Girder 1	40	0.95	1	1	1.786335
Overweight Permit_str	BOBJ1	40	After	Interior Girder 2	40	0.95	1	1	2.086935
Overweight Permit_str	BOBJ1	40	After	Interior Girder 3	40	0.95	1	1	2.150247
Overweight Permit_str	BOBJ1	40	After	Interior Girder 4	40	0.95	1	1	2.155335
Overweight Permit_str	BOBJ1	40	After	Interior Girder 5	40	0.95	1	1	2.082782
Overweight Permit_str	BOBJ1	40	After	Interior Girder 6	40	0.95	1	1	1.788312
Overweight Permit_str	BOBJ1	40	After	Right Exterior Girder	40	0.95	1	1	2.321146
Overweight Permit_str	BOBJ1	46.5	Before	Left Exterior Girder	46.5	0.95	1	1	2.693942
Overweight Permit_str	BOBJ1	46.5	Before	Right Exterior Girder	46.5	0.95	1	1	2.693942
Overweight Permit_str	BOBJ1	46.5	After	Left Exterior Girder	46.5	0.95	1	1	1.852987
Overweight Permit_str	BOBJ1	46.5	After	Right Exterior Girder	46.5	0.95	1	1	1.852987
Overweight Permit_str	BOBJ1	48	Before	Left Exterior Girder	48	0.95	1	1	1.985655
Overweight Permit_str	BOBJ1	48	Before	Interior Girder 1	48	0.95	1	1	2.239114
Overweight Permit_str	BOBJ1	48	Before	Interior Girder 2	48	0.95	1	1	2.591802
Overweight Permit_str	BOBJ1	48	Before	Interior Girder 3	48	0.95	1	1	2.729134
Overweight Permit_str	BOBJ1	48	Before	Interior Girder 4	48	0.95	1	1	2.731244
Overweight Permit_str	BOBJ1	48	Before	Interior Girder 5	48	0.95	1	1	2.592028
Overweight Permit_str	BOBJ1	48	Before	Interior Girder 6	48	0.95	1	1	2.239035
Overweight Permit_str	BOBJ1	48	Before	Right Exterior Girder	48	0.95	1	1	1.985655
Overweight Permit_str	BOBJ1	48	After	Left Exterior Girder	48	0.95	1	1	1.936982
Overweight Permit_str	BOBJ1	48	After	Interior Girder 1	48	0.95	1	1	2.262576
Overweight Permit_str	BOBJ1	48	After	Interior Girder 2	48	0.95	1	1	2.606647
Overweight Permit_str	BOBJ1	48	After	Interior Girder 3	48	0.95	1	1	2.706189
Overweight Permit_str	BOBJ1	48	After	Interior Girder 4	48	0.95	1	1	2.707441
Overweight Permit_str	BOBJ1	48	After	Interior Girder 5	48	0.95	1	1	2.605318
Overweight Permit_str	BOBJ1	48	After	Interior Girder 6	48	0.95	1	1	2.262416
Overweight Permit_str	BOBJ1	48	After	Right Exterior Girder	48	0.95	1	1	1.936982
Overweight Permit_str	BOBJ1	56	Before	Left Exterior Girder	56	0.95	1	1	3.083537
Overweight Permit_str	BOBJ1	56	Before	Interior Girder 1	56	0.95	1	1	3.103299
Overweight Permit_str	BOBJ1	56	Before	Interior Girder 2	56	0.95	1	1	3.531442
Overweight Permit_str	BOBJ1	56	Before	Interior Girder 3	56	0.95	1	1	3.521983
Overweight Permit_str	BOBJ1	56	Before	Interior Girder 4	56	0.95	1	1	3.538212
Overweight Permit_str	BOBJ1	56	Before	Interior Girder 5	56	0.95	1	1	3.529096
Overweight Permit_str	BOBJ1	56	Before	Interior Girder 6	56	0.95	1	1	3.107848
Overweight Permit_str	BOBJ1	56	Before	Right Exterior Girder	56	0.95	1	1	3.083537
Overweight Permit_str	BOBJ1	56	After	Left Exterior Girder	56	0.95	1	1	2.958601
Overweight Permit_str	BOBJ1	56	After	Interior Girder 1	56	0.95	1	1	3.155091
Overweight Permit_str	BOBJ1	56	After	Interior Girder 2	56	0.95	1	1	3.508467
Overweight Permit_str	BOBJ1	56	After	Interior Girder 3	56	0.95	1	1	3.47036

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelINonCompStrgth-Flx - Approach, Span 4-E									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Overweight Permit_str	BOBJ1	56	After	Interior Girder 4	56	0.95	1	1	3.483916
Overweight Permit_str	BOBJ1	56	After	Interior Girder 5	56	0.95	1	1	3.501018
Overweight Permit_str	BOBJ1	56	After	Interior Girder 6	56	0.95	1	1	3.159842
Overweight Permit_str	BOBJ1	56	After	Right Exterior Girder	56	0.95	1	1	2.958601
Overweight Permit_str	BOBJ1	59	Before	Interior Girder 1	59	0.95	1	1	3.886291
Overweight Permit_str	BOBJ1	59	Before	Interior Girder 2	59	0.95	1	1	4.234602
Overweight Permit_str	BOBJ1	59	Before	Interior Girder 3	59	0.95	1	1	4.207812
Overweight Permit_str	BOBJ1	59	Before	Interior Girder 4	59	0.95	1	1	4.226718
Overweight Permit_str	BOBJ1	59	Before	Interior Girder 5	59	0.95	1	1	4.23001
Overweight Permit_str	BOBJ1	59	Before	Interior Girder 6	59	0.95	1	1	3.890992
Overweight Permit_str	BOBJ1	59	After	Interior Girder 1	59	0.95	1	1	1.980957
Overweight Permit_str	BOBJ1	59	After	Interior Girder 2	59	0.95	1	1	2.175541
Overweight Permit_str	BOBJ1	59	After	Interior Girder 3	59	0.95	1	1	2.099448
Overweight Permit_str	BOBJ1	59	After	Interior Girder 4	59	0.95	1	1	2.108165
Overweight Permit_str	BOBJ1	59	After	Interior Girder 5	59	0.95	1	1	2.173612
Overweight Permit_str	BOBJ1	59	After	Interior Girder 6	59	0.95	1	1	1.983253
Overweight Permit_str	BOBJ1	64	Before	Left Exterior Girder	64	0.95	1	1	5.142022
Overweight Permit_str	BOBJ1	64	Before	Interior Girder 1	64	0.95	1	1	3.194329
Overweight Permit_str	BOBJ1	64	Before	Interior Girder 2	64	0.95	1	1	3.678757
Overweight Permit_str	BOBJ1	64	Before	Interior Girder 3	64	0.95	1	1	3.765611
Overweight Permit_str	BOBJ1	64	Before	Interior Girder 4	64	0.95	1	1	3.770779
Overweight Permit_str	BOBJ1	64	Before	Interior Girder 5	64	0.95	1	1	3.680374
Overweight Permit_str	BOBJ1	64	Before	Interior Girder 6	64	0.95	1	1	3.194605
Overweight Permit_str	BOBJ1	64	Before	Right Exterior Girder	64	0.95	1	1	5.142022
Overweight Permit_str	BOBJ1	64	After	Left Exterior Girder	64	0.95	1	1	4.947775
Overweight Permit_str	BOBJ1	64	After	Interior Girder 1	64	0.95	1	1	3.161789
Overweight Permit_str	BOBJ1	64	After	Interior Girder 2	64	0.95	1	1	3.726322
Overweight Permit_str	BOBJ1	64	After	Interior Girder 3	64	0.95	1	1	3.71183
Overweight Permit_str	BOBJ1	64	After	Interior Girder 4	64	0.95	1	1	3.718277
Overweight Permit_str	BOBJ1	64	After	Interior Girder 5	64	0.95	1	1	3.714382
Overweight Permit_str	BOBJ1	64	After	Interior Girder 6	64	0.95	1	1	3.161992
Overweight Permit_str	BOBJ1	64	After	Right Exterior Girder	64	0.95	1	1	4.949819
Overweight Permit_str	BOBJ1	69	Before	Interior Girder 1	69	0.95	1	1	1.995195
Overweight Permit_str	BOBJ1	69	Before	Interior Girder 2	69	0.95	1	1	2.371302
Overweight Permit_str	BOBJ1	69	Before	Interior Girder 3	69	0.95	1	1	2.353865
Overweight Permit_str	BOBJ1	69	Before	Interior Girder 4	69	0.95	1	1	2.353248
Overweight Permit_str	BOBJ1	69	Before	Interior Girder 5	69	0.95	1	1	2.367168
Overweight Permit_str	BOBJ1	69	Before	Interior Girder 6	69	0.95	1	1	1.995521
Overweight Permit_str	BOBJ1	69	After	Interior Girder 1	69	0.95	1	1	4.425318
Overweight Permit_str	BOBJ1	69	After	Interior Girder 2	69	0.95	1	1	5.141529
Overweight Permit_str	BOBJ1	69	After	Interior Girder 3	69	0.95	1	1	5.22385
Overweight Permit_str	BOBJ1	69	After	Interior Girder 4	69	0.95	1	1	5.222108
Overweight Permit_str	BOBJ1	69	After	Interior Girder 5	69	0.95	1	1	5.144345
Overweight Permit_str	BOBJ1	69	After	Interior Girder 6	69	0.95	1	1	4.425916
Overweight Permit_str	BOBJ1	72	Before	Left Exterior Girder	72	0.95	1	1	2.476433
Overweight Permit_str	BOBJ1	72	Before	Interior Girder 1	72	0.95	1	1	3.329993
Overweight Permit_str	BOBJ1	72	Before	Interior Girder 2	72	0.95	1	1	3.983112
Overweight Permit_str	BOBJ1	72	Before	Interior Girder 3	72	0.95	1	1	3.797669
Overweight Permit_str	BOBJ1	72	Before	Interior Girder 4	72	0.95	1	1	3.796874
Overweight Permit_str	BOBJ1	72	Before	Interior Girder 5	72	0.95	1	1	3.970838
Overweight Permit_str	BOBJ1	72	Before	Interior Girder 6	72	0.95	1	1	3.330578
Overweight Permit_str	BOBJ1	72	Before	Right Exterior Girder	72	0.95	1	1	2.476433
Overweight Permit_str	BOBJ1	72	After	Left Exterior Girder	72	0.95	1	1	2.559393
Overweight Permit_str	BOBJ1	72	After	Interior Girder 1	72	0.95	1	1	3.201772
Overweight Permit_str	BOBJ1	72	After	Interior Girder 2	72	0.95	1	1	3.953604
Overweight Permit_str	BOBJ1	72	After	Interior Girder 3	72	0.95	1	1	3.810942
Overweight Permit_str	BOBJ1	72	After	Interior Girder 4	72	0.95	1	1	3.809948
Overweight Permit_str	BOBJ1	72	After	Interior Girder 5	72	0.95	1	1	3.943551
Overweight Permit_str	BOBJ1	72	After	Interior Girder 6	72	0.95	1	1	3.202348
Overweight Permit_str	BOBJ1	72	After	Right Exterior Girder	72	0.95	1	1	2.559393
Overweight Permit_str	BOBJ1	72.5	Before	Left Exterior Girder	72.5	0.95	1	1	2.348206
Overweight Permit_str	BOBJ1	72.5	Before	Right Exterior Girder	72.5	0.95	1	1	2.348206
Overweight Permit_str	BOBJ1	72.5	After	Left Exterior Girder	72.5	0.95	1	1	3.642571
Overweight Permit_str	BOBJ1	72.5	After	Right Exterior Girder	72.5	0.95	1	1	3.642571
Overweight Permit_str	BOBJ1	80	Before	Left Exterior Girder	80	0.95	1	1	1.665806

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelINonCompStrgth-Flx - Approach, Span 4-E									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Overweight Permit_str	BOBJ1	80	Before	Interior Girder 1	80	0.95	1	1	1.454627
Overweight Permit_str	BOBJ1	80	Before	Interior Girder 2	80	0.95	1	1	1.892236
Overweight Permit_str	BOBJ1	80	Before	Interior Girder 3	80	0.95	1	1	1.593916
Overweight Permit_str	BOBJ1	80	Before	Interior Girder 4	80	0.95	1	1	1.595833
Overweight Permit_str	BOBJ1	80	Before	Interior Girder 5	80	0.95	1	1	1.884183
Overweight Permit_str	BOBJ1	80	Before	Interior Girder 6	80	0.95	1	1	1.454627
Overweight Permit_str	BOBJ1	80	Before	Right Exterior Girder	80	0.95	1	1	1.665806
Overweight Permit_str	BOBJ1	80	After	Left Exterior Girder	0	0.95	1	1	1.670309
Overweight Permit_str	BOBJ1	80	After	Interior Girder 1	0	0.95	1	1	1.453357
Overweight Permit_str	BOBJ1	80	After	Interior Girder 2	0	0.95	1	1	1.886296
Overweight Permit_str	BOBJ1	80	After	Interior Girder 3	0	0.95	1	1	1.586065
Overweight Permit_str	BOBJ1	80	After	Interior Girder 4	0	0.95	1	1	1.58821
Overweight Permit_str	BOBJ1	80	After	Interior Girder 5	0	0.95	1	1	1.878837
Overweight Permit_str	BOBJ1	80	After	Interior Girder 6	0	0.95	1	1	1.453357
Overweight Permit_str	BOBJ1	80	After	Right Exterior Girder	0	0.95	1	1	1.670309
Overweight Permit_str	BOBJ1	87.5	Before	Left Exterior Girder	7.5	0.95	1	1	3.36962
Overweight Permit_str	BOBJ1	87.5	Before	Right Exterior Girder	7.5	0.95	1	1	3.36962
Overweight Permit_str	BOBJ1	87.5	After	Left Exterior Girder	7.5	0.95	1	1	2.127484
Overweight Permit_str	BOBJ1	87.5	After	Right Exterior Girder	7.5	0.95	1	1	2.127484
Overweight Permit_str	BOBJ1	88	Before	Left Exterior Girder	8	0.95	1	1	2.283214
Overweight Permit_str	BOBJ1	88	Before	Interior Girder 1	8	0.95	1	1	2.927377
Overweight Permit_str	BOBJ1	88	Before	Interior Girder 2	8	0.95	1	1	3.665557
Overweight Permit_str	BOBJ1	88	Before	Interior Girder 3	8	0.95	1	1	3.525249
Overweight Permit_str	BOBJ1	88	Before	Interior Girder 4	8	0.95	1	1	3.524326
Overweight Permit_str	BOBJ1	88	Before	Interior Girder 5	8	0.95	1	1	3.6558
Overweight Permit_str	BOBJ1	88	Before	Interior Girder 6	8	0.95	1	1	2.927377
Overweight Permit_str	BOBJ1	88	Before	Right Exterior Girder	8	0.95	1	1	2.283214
Overweight Permit_str	BOBJ1	88	After	Left Exterior Girder	8	0.95	1	1	2.2359
Overweight Permit_str	BOBJ1	88	After	Interior Girder 1	8	0.95	1	1	2.99893
Overweight Permit_str	BOBJ1	88	After	Interior Girder 2	8	0.95	1	1	3.670285
Overweight Permit_str	BOBJ1	88	After	Interior Girder 3	8	0.95	1	1	3.500444
Overweight Permit_str	BOBJ1	88	After	Interior Girder 4	8	0.95	1	1	3.499757
Overweight Permit_str	BOBJ1	88	After	Interior Girder 5	8	0.95	1	1	3.659166
Overweight Permit_str	BOBJ1	88	After	Interior Girder 6	8	0.95	1	1	2.99893
Overweight Permit_str	BOBJ1	88	After	Right Exterior Girder	8	0.95	1	1	2.2359
Overweight Permit_str	BOBJ1	91	Before	Interior Girder 1	11	0.95	1	1	3.896374
Overweight Permit_str	BOBJ1	91	Before	Interior Girder 2	11	0.95	1	1	4.681217
Overweight Permit_str	BOBJ1	91	Before	Interior Girder 3	11	0.95	1	1	4.697108
Overweight Permit_str	BOBJ1	91	Before	Interior Girder 4	11	0.95	1	1	4.695644
Overweight Permit_str	BOBJ1	91	Before	Interior Girder 5	11	0.95	1	1	4.671939
Overweight Permit_str	BOBJ1	91	Before	Interior Girder 6	11	0.95	1	1	3.896838
Overweight Permit_str	BOBJ1	91	After	Interior Girder 1	11	0.95	1	1	1.577569
Overweight Permit_str	BOBJ1	91	After	Interior Girder 2	11	0.95	1	1	1.942698
Overweight Permit_str	BOBJ1	91	After	Interior Girder 3	11	0.95	1	1	1.902497
Overweight Permit_str	BOBJ1	91	After	Interior Girder 4	11	0.95	1	1	1.902043
Overweight Permit_str	BOBJ1	91	After	Interior Girder 5	11	0.95	1	1	1.935689
Overweight Permit_str	BOBJ1	91	After	Interior Girder 6	11	0.95	1	1	1.577792
Overweight Permit_str	BOBJ1	96	Before	Left Exterior Girder	16	0.95	1	1	5.03254
Overweight Permit_str	BOBJ1	96	Before	Interior Girder 1	16	0.95	1	1	2.530286
Overweight Permit_str	BOBJ1	96	Before	Interior Girder 2	16	0.95	1	1	3.039007
Overweight Permit_str	BOBJ1	96	Before	Interior Girder 3	16	0.95	1	1	3.436051
Overweight Permit_str	BOBJ1	96	Before	Interior Girder 4	16	0.95	1	1	3.434735
Overweight Permit_str	BOBJ1	96	Before	Interior Girder 5	16	0.95	1	1	3.039552
Overweight Permit_str	BOBJ1	96	Before	Interior Girder 6	16	0.95	1	1	2.53042
Overweight Permit_str	BOBJ1	96	Before	Right Exterior Girder	16	0.95	1	1	5.03254
Overweight Permit_str	BOBJ1	96	After	Left Exterior Girder	16	0.95	1	1	2.401881
Overweight Permit_str	BOBJ1	96	After	Interior Girder 1	16	0.95	1	1	3.008959
Overweight Permit_str	BOBJ1	96	After	Interior Girder 2	16	0.95	1	1	3.541148
Overweight Permit_str	BOBJ1	96	After	Interior Girder 3	16	0.95	1	1	3.909805
Overweight Permit_str	BOBJ1	96	After	Interior Girder 4	16	0.95	1	1	3.908498
Overweight Permit_str	BOBJ1	96	After	Interior Girder 5	16	0.95	1	1	3.535343
Overweight Permit_str	BOBJ1	96	After	Interior Girder 6	16	0.95	1	1	3.0092
Overweight Permit_str	BOBJ1	96	After	Right Exterior Girder	16	0.95	1	1	2.401881
Overweight Permit_str	BOBJ1	104	Before	Left Exterior Girder	24	0.95	1	1	2.600416
Overweight Permit_str	BOBJ1	104	Before	Interior Girder 1	24	0.95	1	1	2.484085

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelINonCompStrgth-Flx - Approach, Span 4-E									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Overweight Permit_str	BOBJ1	104	Before	Interior Girder 2	24	0.95	1	1	2.718831
Overweight Permit_str	BOBJ1	104	Before	Interior Girder 3	24	0.95	1	1	2.616202
Overweight Permit_str	BOBJ1	104	Before	Interior Girder 4	24	0.95	1	1	2.629179
Overweight Permit_str	BOBJ1	104	Before	Interior Girder 5	24	0.95	1	1	2.716111
Overweight Permit_str	BOBJ1	104	Before	Interior Girder 6	24	0.95	1	1	2.488372
Overweight Permit_str	BOBJ1	104	Before	Right Exterior Girder	24	0.95	1	1	2.600416
Overweight Permit_str	BOBJ1	104	After	Left Exterior Girder	24	0.95	1	1	2.727102
Overweight Permit_str	BOBJ1	104	After	Interior Girder 1	24	0.95	1	1	2.432946
Overweight Permit_str	BOBJ1	104	After	Interior Girder 2	24	0.95	1	1	2.723548
Overweight Permit_str	BOBJ1	104	After	Interior Girder 3	24	0.95	1	1	2.662839
Overweight Permit_str	BOBJ1	104	After	Interior Girder 4	24	0.95	1	1	2.677443
Overweight Permit_str	BOBJ1	104	After	Interior Girder 5	24	0.95	1	1	2.721696
Overweight Permit_str	BOBJ1	104	After	Interior Girder 6	24	0.95	1	1	2.436999
Overweight Permit_str	BOBJ1	104	After	Right Exterior Girder	24	0.95	1	1	2.727102
Overweight Permit_str	BOBJ1	112	Before	Left Exterior Girder	32	0.95	1	1	1.726473
Overweight Permit_str	BOBJ1	112	Before	Interior Girder 1	32	0.95	1	1	1.910121
Overweight Permit_str	BOBJ1	112	Before	Interior Girder 2	32	0.95	1	1	2.174183
Overweight Permit_str	BOBJ1	112	Before	Interior Girder 3	32	0.95	1	1	2.255232
Overweight Permit_str	BOBJ1	112	Before	Interior Girder 4	32	0.95	1	1	2.256233
Overweight Permit_str	BOBJ1	112	Before	Interior Girder 5	32	0.95	1	1	2.174517
Overweight Permit_str	BOBJ1	112	Before	Interior Girder 6	32	0.95	1	1	1.909852
Overweight Permit_str	BOBJ1	112	Before	Right Exterior Girder	32	0.95	1	1	1.726473
Overweight Permit_str	BOBJ1	112	After	Left Exterior Girder	32	0.95	1	1	1.767206
Overweight Permit_str	BOBJ1	112	After	Interior Girder 1	32	0.95	1	1	1.888485
Overweight Permit_str	BOBJ1	112	After	Interior Girder 2	32	0.95	1	1	2.161006
Overweight Permit_str	BOBJ1	112	After	Interior Girder 3	32	0.95	1	1	2.268538
Overweight Permit_str	BOBJ1	112	After	Interior Girder 4	32	0.95	1	1	2.270501
Overweight Permit_str	BOBJ1	112	After	Interior Girder 5	32	0.95	1	1	2.161892
Overweight Permit_str	BOBJ1	112	After	Interior Girder 6	32	0.95	1	1	1.888309
Overweight Permit_str	BOBJ1	112	After	Right Exterior Girder	32	0.95	1	1	1.767206
Overweight Permit_str	BOBJ1	120	Before	Left Exterior Girder	40	0.95	1	1	1.579089
Overweight Permit_str	BOBJ1	120	Before	Interior Girder 1	40	0.95	1	1	1.636196
Overweight Permit_str	BOBJ1	120	Before	Interior Girder 2	40	0.95	1	1	1.903602
Overweight Permit_str	BOBJ1	120	Before	Interior Girder 3	40	0.95	1	1	1.918525
Overweight Permit_str	BOBJ1	120	Before	Interior Girder 4	40	0.95	1	1	1.926501
Overweight Permit_str	BOBJ1	120	Before	Interior Girder 5	40	0.95	1	1	1.900802
Overweight Permit_str	BOBJ1	120	Before	Interior Girder 6	40	0.95	1	1	1.638393
Overweight Permit_str	BOBJ1	120	Before	Right Exterior Girder	40	0.95	1	1	1.579089
Overweight Permit_str	BOBJ1	120	After	Left Exterior Girder	40	0.95	1	1	1.582711
Overweight Permit_str	BOBJ1	120	After	Interior Girder 1	40	0.95	1	1	1.63419
Overweight Permit_str	BOBJ1	120	After	Interior Girder 2	40	0.95	1	1	1.902715
Overweight Permit_str	BOBJ1	120	After	Interior Girder 3	40	0.95	1	1	1.918817
Overweight Permit_str	BOBJ1	120	After	Interior Girder 4	40	0.95	1	1	1.926843
Overweight Permit_str	BOBJ1	120	After	Interior Girder 5	40	0.95	1	1	1.899758
Overweight Permit_str	BOBJ1	120	After	Interior Girder 6	40	0.95	1	1	1.636363
Overweight Permit_str	BOBJ1	120	After	Right Exterior Girder	40	0.95	1	1	1.582711
Overweight Permit_str	BOBJ1	128	Before	Left Exterior Girder	48	0.95	1	1	1.735661
Overweight Permit_str	BOBJ1	128	Before	Interior Girder 1	48	0.95	1	1	1.872749
Overweight Permit_str	BOBJ1	128	Before	Interior Girder 2	48	0.95	1	1	2.145554
Overweight Permit_str	BOBJ1	128	Before	Interior Girder 3	48	0.95	1	1	2.25577
Overweight Permit_str	BOBJ1	128	Before	Interior Girder 4	48	0.95	1	1	2.257703
Overweight Permit_str	BOBJ1	128	Before	Interior Girder 5	48	0.95	1	1	2.146404
Overweight Permit_str	BOBJ1	128	Before	Interior Girder 6	48	0.95	1	1	1.872568
Overweight Permit_str	BOBJ1	128	Before	Right Exterior Girder	48	0.95	1	1	1.735661
Overweight Permit_str	BOBJ1	128	After	Left Exterior Girder	48	0.95	1	1	1.700528
Overweight Permit_str	BOBJ1	128	After	Interior Girder 1	48	0.95	1	1	1.888944
Overweight Permit_str	BOBJ1	128	After	Interior Girder 2	48	0.95	1	1	2.158103
Overweight Permit_str	BOBJ1	128	After	Interior Girder 3	48	0.95	1	1	2.243865
Overweight Permit_str	BOBJ1	128	After	Interior Girder 4	48	0.95	1	1	2.244815
Overweight Permit_str	BOBJ1	128	After	Interior Girder 5	48	0.95	1	1	2.158403
Overweight Permit_str	BOBJ1	128	After	Interior Girder 6	48	0.95	1	1	1.888675
Overweight Permit_str	BOBJ1	128	After	Right Exterior Girder	48	0.95	1	1	1.700528
Overweight Permit_str	BOBJ1	136	Before	Left Exterior Girder	56	0.95	1	1	2.619068
Overweight Permit_str	BOBJ1	136	Before	Interior Girder 1	56	0.95	1	1	2.387488
Overweight Permit_str	BOBJ1	136	Before	Interior Girder 2	56	0.95	1	1	2.686102

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelINonCompStrgth-Flx - Approach, Span 4-6

Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Overweight Permit_str	BOBJ1	136	Before	Interior Girder 3	56	0.95	1	1	2.632135
Overweight Permit_str	BOBJ1	136	Before	Interior Girder 4	56	0.95	1	1	2.646355
Overweight Permit_str	BOBJ1	136	Before	Interior Girder 5	56	0.95	1	1	2.684216
Overweight Permit_str	BOBJ1	136	Before	Interior Girder 6	56	0.95	1	1	2.391403
Overweight Permit_str	BOBJ1	136	Before	Right Exterior Girder	56	0.95	1	1	2.619068
Overweight Permit_str	BOBJ1	136	After	Left Exterior Girder	56	0.95	1	1	2.505034
Overweight Permit_str	BOBJ1	136	After	Interior Girder 1	56	0.95	1	1	2.432754
Overweight Permit_str	BOBJ1	136	After	Interior Girder 2	56	0.95	1	1	2.681888
Overweight Permit_str	BOBJ1	136	After	Interior Girder 3	56	0.95	1	1	2.588825
Overweight Permit_str	BOBJ1	136	After	Interior Girder 4	56	0.95	1	1	2.601441
Overweight Permit_str	BOBJ1	136	After	Interior Girder 5	56	0.95	1	1	2.679244
Overweight Permit_str	BOBJ1	136	After	Interior Girder 6	56	0.95	1	1	2.43688
Overweight Permit_str	BOBJ1	136	After	Right Exterior Girder	56	0.95	1	1	2.505034
Overweight Permit_str	BOBJ1	144	Before	Left Exterior Girder	64	0.95	1	1	2.437433
Overweight Permit_str	BOBJ1	144	Before	Interior Girder 1	64	0.95	1	1	2.991175
Overweight Permit_str	BOBJ1	144	Before	Interior Girder 2	64	0.95	1	1	3.548851
Overweight Permit_str	BOBJ1	144	Before	Interior Girder 3	64	0.95	1	1	3.979114
Overweight Permit_str	BOBJ1	144	Before	Interior Girder 4	64	0.95	1	1	3.977847
Overweight Permit_str	BOBJ1	144	Before	Interior Girder 5	64	0.95	1	1	3.538585
Overweight Permit_str	BOBJ1	144	Before	Interior Girder 6	64	0.95	1	1	2.991416
Overweight Permit_str	BOBJ1	144	Before	Right Exterior Girder	64	0.95	1	1	2.437433
Overweight Permit_str	BOBJ1	144	After	Left Exterior Girder	64	0.95	1	1	4.6873
Overweight Permit_str	BOBJ1	144	After	Interior Girder 1	64	0.95	1	1	2.510086
Overweight Permit_str	BOBJ1	144	After	Interior Girder 2	64	0.95	1	1	3.044192
Overweight Permit_str	BOBJ1	144	After	Interior Girder 3	64	0.95	1	1	3.493226
Overweight Permit_str	BOBJ1	144	After	Interior Girder 4	64	0.95	1	1	3.49193
Overweight Permit_str	BOBJ1	144	After	Interior Girder 5	64	0.95	1	1	3.041189
Overweight Permit_str	BOBJ1	144	After	Interior Girder 6	64	0.95	1	1	2.51023
Overweight Permit_str	BOBJ1	144	After	Right Exterior Girder	64	0.95	1	1	4.688981
Overweight Permit_str	BOBJ1	150	Before	Interior Girder 1	70	0.95	1	1	1.419101
Overweight Permit_str	BOBJ1	150	Before	Interior Girder 2	70	0.95	1	1	1.765443
Overweight Permit_str	BOBJ1	150	Before	Interior Girder 3	70	0.95	1	1	1.729427
Overweight Permit_str	BOBJ1	150	Before	Interior Girder 4	70	0.95	1	1	1.729036
Overweight Permit_str	BOBJ1	150	Before	Interior Girder 5	70	0.95	1	1	1.759442
Overweight Permit_str	BOBJ1	150	Before	Interior Girder 6	70	0.95	1	1	1.419309
Overweight Permit_str	BOBJ1	150	After	Interior Girder 1	70	0.95	1	1	3.411293
Overweight Permit_str	BOBJ1	150	After	Interior Girder 2	70	0.95	1	1	4.098704
Overweight Permit_str	BOBJ1	150	After	Interior Girder 3	70	0.95	1	1	4.101933
Overweight Permit_str	BOBJ1	150	After	Interior Girder 4	70	0.95	1	1	4.100718
Overweight Permit_str	BOBJ1	150	After	Interior Girder 5	70	0.95	1	1	4.087296
Overweight Permit_str	BOBJ1	150	After	Interior Girder 6	70	0.95	1	1	3.411722
Overweight Permit_str	BOBJ1	152	Before	Left Exterior Girder	72	0.95	1	1	2.099224
Overweight Permit_str	BOBJ1	152	Before	Interior Girder 1	72	0.95	1	1	2.831854
Overweight Permit_str	BOBJ1	152	Before	Interior Girder 2	72	0.95	1	1	3.467877
Overweight Permit_str	BOBJ1	152	Before	Interior Girder 3	72	0.95	1	1	3.364247
Overweight Permit_str	BOBJ1	152	Before	Interior Girder 4	72	0.95	1	1	3.363516
Overweight Permit_str	BOBJ1	152	Before	Interior Girder 5	72	0.95	1	1	3.45764
Overweight Permit_str	BOBJ1	152	Before	Interior Girder 6	72	0.95	1	1	2.831854
Overweight Permit_str	BOBJ1	152	Before	Right Exterior Girder	72	0.95	1	1	2.099224
Overweight Permit_str	BOBJ1	152	After	Left Exterior Girder	72	0.95	1	1	2.161435
Overweight Permit_str	BOBJ1	152	After	Interior Girder 1	72	0.95	1	1	2.748702
Overweight Permit_str	BOBJ1	152	After	Interior Girder 2	72	0.95	1	1	3.454588
Overweight Permit_str	BOBJ1	152	After	Interior Girder 3	72	0.95	1	1	3.374868
Overweight Permit_str	BOBJ1	152	After	Interior Girder 4	72	0.95	1	1	3.373933
Overweight Permit_str	BOBJ1	152	After	Interior Girder 5	72	0.95	1	1	3.445755
Overweight Permit_str	BOBJ1	152	After	Interior Girder 6	72	0.95	1	1	2.748702
Overweight Permit_str	BOBJ1	152	After	Right Exterior Girder	72	0.95	1	1	2.161435
Overweight Permit_str	BOBJ1	154	Before	Left Exterior Girder	74	0.95	1	1	1.681018
Overweight Permit_str	BOBJ1	154	Before	Right Exterior Girder	74	0.95	1	1	1.681018
Overweight Permit_str	BOBJ1	154	After	Left Exterior Girder	74	0.95	1	1	2.691453
Overweight Permit_str	BOBJ1	154	After	Right Exterior Girder	74	0.95	1	1	2.691453
Overweight Permit_str	BOBJ1	160	Before	Left Exterior Girder	80	0.95	1	1	1.515001
Overweight Permit_str	BOBJ1	160	Before	Interior Girder 1	80	0.95	1	1	1.331317
Overweight Permit_str	BOBJ1	160	Before	Interior Girder 2	80	0.95	1	1	1.757665
Overweight Permit_str	BOBJ1	160	Before	Interior Girder 3	80	0.95	1	1	1.497943

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelINonCompStrgth-Flx - Approach, Span 4-E									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Overweight Permit_str	BOBJ1	160	Before	Interior Girder 4	80	0.95	1	1	1.499902
Overweight Permit_str	BOBJ1	160	Before	Interior Girder 5	80	0.95	1	1	1.750905
Overweight Permit_str	BOBJ1	160	Before	Interior Girder 6	80	0.95	1	1	1.331317
Overweight Permit_str	BOBJ1	160	Before	Right Exterior Girder	80	0.95	1	1	1.515001
Overweight Permit_str	BOBJ1	160	After	Left Exterior Girder	0	0.95	1	1	1.488617
Overweight Permit_str	BOBJ1	160	After	Interior Girder 1	0	0.95	1	1	1.317346
Overweight Permit_str	BOBJ1	160	After	Interior Girder 2	0	0.95	1	1	1.764103
Overweight Permit_str	BOBJ1	160	After	Interior Girder 3	0	0.95	1	1	1.480797
Overweight Permit_str	BOBJ1	160	After	Interior Girder 4	0	0.95	1	1	1.4825
Overweight Permit_str	BOBJ1	160	After	Interior Girder 5	0	0.95	1	1	1.756818
Overweight Permit_str	BOBJ1	160	After	Interior Girder 6	0	0.95	1	1	1.317346
Overweight Permit_str	BOBJ1	160	After	Right Exterior Girder	0	0.95	1	1	1.488617
Overweight Permit_str	BOBJ1	166	Before	Left Exterior Girder	6	0.95	1	1	2.84457
Overweight Permit_str	BOBJ1	166	Before	Right Exterior Girder	6	0.95	1	1	2.84457
Overweight Permit_str	BOBJ1	166	After	Left Exterior Girder	6	0.95	1	1	1.798311
Overweight Permit_str	BOBJ1	166	After	Right Exterior Girder	6	0.95	1	1	1.798311
Overweight Permit_str	BOBJ1	168	Before	Left Exterior Girder	8	0.95	1	1	2.36843
Overweight Permit_str	BOBJ1	168	Before	Interior Girder 1	8	0.95	1	1	2.984312
Overweight Permit_str	BOBJ1	168	Before	Interior Girder 2	8	0.95	1	1	3.789367
Overweight Permit_str	BOBJ1	168	Before	Interior Girder 3	8	0.95	1	1	3.661713
Overweight Permit_str	BOBJ1	168	Before	Interior Girder 4	8	0.95	1	1	3.660698
Overweight Permit_str	BOBJ1	168	Before	Interior Girder 5	8	0.95	1	1	3.780052
Overweight Permit_str	BOBJ1	168	Before	Interior Girder 6	8	0.95	1	1	2.984312
Overweight Permit_str	BOBJ1	168	Before	Right Exterior Girder	8	0.95	1	1	2.36843
Overweight Permit_str	BOBJ1	168	After	Left Exterior Girder	8	0.95	1	1	2.28243
Overweight Permit_str	BOBJ1	168	After	Interior Girder 1	8	0.95	1	1	3.133005
Overweight Permit_str	BOBJ1	168	After	Interior Girder 2	8	0.95	1	1	3.819864
Overweight Permit_str	BOBJ1	168	After	Interior Girder 3	8	0.95	1	1	3.658737
Overweight Permit_str	BOBJ1	168	After	Interior Girder 4	8	0.95	1	1	3.657882
Overweight Permit_str	BOBJ1	168	After	Interior Girder 5	8	0.95	1	1	3.810113
Overweight Permit_str	BOBJ1	168	After	Interior Girder 6	8	0.95	1	1	3.133511
Overweight Permit_str	BOBJ1	168	After	Right Exterior Girder	8	0.95	1	1	2.28243
Overweight Permit_str	BOBJ1	170	Before	Interior Girder 1	10	0.95	1	1	3.845229
Overweight Permit_str	BOBJ1	170	Before	Interior Girder 2	10	0.95	1	1	4.577909
Overweight Permit_str	BOBJ1	170	Before	Interior Girder 3	10	0.95	1	1	4.541349
Overweight Permit_str	BOBJ1	170	Before	Interior Girder 4	10	0.95	1	1	4.539915
Overweight Permit_str	BOBJ1	170	Before	Interior Girder 5	10	0.95	1	1	4.567434
Overweight Permit_str	BOBJ1	170	Before	Interior Girder 6	10	0.95	1	1	3.845751
Overweight Permit_str	BOBJ1	170	After	Interior Girder 1	10	0.95	1	1	1.764821
Overweight Permit_str	BOBJ1	170	After	Interior Girder 2	10	0.95	1	1	2.177801
Overweight Permit_str	BOBJ1	170	After	Interior Girder 3	10	0.95	1	1	2.105132
Overweight Permit_str	BOBJ1	170	After	Interior Girder 4	10	0.95	1	1	2.104607
Overweight Permit_str	BOBJ1	170	After	Interior Girder 5	10	0.95	1	1	2.171049
Overweight Permit_str	BOBJ1	170	After	Interior Girder 6	10	0.95	1	1	1.765101
Overweight Permit_str	BOBJ1	176	Before	Left Exterior Girder	16	0.95	1	1	4.934739
Overweight Permit_str	BOBJ1	176	Before	Interior Girder 1	16	0.95	1	1	3.248517
Overweight Permit_str	BOBJ1	176	Before	Interior Girder 2	16	0.95	1	1	3.784814
Overweight Permit_str	BOBJ1	176	Before	Interior Girder 3	16	0.95	1	1	3.747894
Overweight Permit_str	BOBJ1	176	Before	Interior Girder 4	16	0.95	1	1	3.754775
Overweight Permit_str	BOBJ1	176	Before	Interior Girder 5	16	0.95	1	1	3.786163
Overweight Permit_str	BOBJ1	176	Before	Interior Girder 6	16	0.95	1	1	3.248721
Overweight Permit_str	BOBJ1	176	Before	Right Exterior Girder	16	0.95	1	1	4.936777
Overweight Permit_str	BOBJ1	176	After	Left Exterior Girder	16	0.95	1	1	5.115967
Overweight Permit_str	BOBJ1	176	After	Interior Girder 1	16	0.95	1	1	3.298092
Overweight Permit_str	BOBJ1	176	After	Interior Girder 2	16	0.95	1	1	3.724639
Overweight Permit_str	BOBJ1	176	After	Interior Girder 3	16	0.95	1	1	3.810569
Overweight Permit_str	BOBJ1	176	After	Interior Girder 4	16	0.95	1	1	3.815821
Overweight Permit_str	BOBJ1	176	After	Interior Girder 5	16	0.95	1	1	3.72646
Overweight Permit_str	BOBJ1	176	After	Interior Girder 6	16	0.95	1	1	3.29837
Overweight Permit_str	BOBJ1	176	After	Right Exterior Girder	16	0.95	1	1	5.116461
Overweight Permit_str	BOBJ1	181	Before	Interior Girder 1	21	0.95	1	1	2.020541
Overweight Permit_str	BOBJ1	181	Before	Interior Girder 2	21	0.95	1	1	2.207568
Overweight Permit_str	BOBJ1	181	Before	Interior Girder 3	21	0.95	1	1	2.143397
Overweight Permit_str	BOBJ1	181	Before	Interior Girder 4	21	0.95	1	1	2.152334
Overweight Permit_str	BOBJ1	181	Before	Interior Girder 5	21	0.95	1	1	2.205667

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelINonCompStrgth-Flx - Approach, Span 4-E									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Overweight Permit_str	BOBJ1	181	Before	Interior Girder 6	21	0.95	1	1	2.022871
Overweight Permit_str	BOBJ1	181	After	Interior Girder 1	21	0.95	1	1	3.596927
Overweight Permit_str	BOBJ1	181	After	Interior Girder 2	21	0.95	1	1	3.902126
Overweight Permit_str	BOBJ1	181	After	Interior Girder 3	21	0.95	1	1	3.887349
Overweight Permit_str	BOBJ1	181	After	Interior Girder 4	21	0.95	1	1	3.906333
Overweight Permit_str	BOBJ1	181	After	Interior Girder 5	21	0.95	1	1	3.897429
Overweight Permit_str	BOBJ1	181	After	Interior Girder 6	21	0.95	1	1	3.601261
Overweight Permit_str	BOBJ1	184	Before	Left Exterior Girder	24	0.95	1	1	2.978656
Overweight Permit_str	BOBJ1	184	Before	Interior Girder 1	24	0.95	1	1	2.88087
Overweight Permit_str	BOBJ1	184	Before	Interior Girder 2	24	0.95	1	1	3.215798
Overweight Permit_str	BOBJ1	184	Before	Interior Girder 3	24	0.95	1	1	3.197781
Overweight Permit_str	BOBJ1	184	Before	Interior Girder 4	24	0.95	1	1	3.210557
Overweight Permit_str	BOBJ1	184	Before	Interior Girder 5	24	0.95	1	1	3.20806
Overweight Permit_str	BOBJ1	184	Before	Interior Girder 6	24	0.95	1	1	2.885201
Overweight Permit_str	BOBJ1	184	Before	Right Exterior Girder	24	0.95	1	1	2.978656
Overweight Permit_str	BOBJ1	184	After	Left Exterior Girder	24	0.95	1	1	3.103868
Overweight Permit_str	BOBJ1	184	After	Interior Girder 1	24	0.95	1	1	2.840103
Overweight Permit_str	BOBJ1	184	After	Interior Girder 2	24	0.95	1	1	3.230778
Overweight Permit_str	BOBJ1	184	After	Interior Girder 3	24	0.95	1	1	3.238596
Overweight Permit_str	BOBJ1	184	After	Interior Girder 4	24	0.95	1	1	3.253664
Overweight Permit_str	BOBJ1	184	After	Interior Girder 5	24	0.95	1	1	3.22703
Overweight Permit_str	BOBJ1	184	After	Interior Girder 6	24	0.95	1	1	2.844254
Overweight Permit_str	BOBJ1	184	After	Right Exterior Girder	24	0.95	1	1	3.103868
Overweight Permit_str	BOBJ1	192	Before	Left Exterior Girder	32	0.95	1	1	1.963239
Overweight Permit_str	BOBJ1	192	Before	Interior Girder 1	32	0.95	1	1	1.99987
Overweight Permit_str	BOBJ1	192	Before	Interior Girder 2	32	0.95	1	1	2.341835
Overweight Permit_str	BOBJ1	192	Before	Interior Girder 3	32	0.95	1	1	2.474137
Overweight Permit_str	BOBJ1	192	Before	Interior Girder 4	32	0.95	1	1	2.475505
Overweight Permit_str	BOBJ1	192	Before	Interior Girder 5	32	0.95	1	1	2.340685
Overweight Permit_str	BOBJ1	192	Before	Interior Girder 6	32	0.95	1	1	1.999747
Overweight Permit_str	BOBJ1	192	Before	Right Exterior Girder	32	0.95	1	1	1.963239
Overweight Permit_str	BOBJ1	192	After	Left Exterior Girder	32	0.95	1	1	2.01913
Overweight Permit_str	BOBJ1	192	After	Interior Girder 1	32	0.95	1	1	1.973398
Overweight Permit_str	BOBJ1	192	After	Interior Girder 2	32	0.95	1	1	2.324298
Overweight Permit_str	BOBJ1	192	After	Interior Girder 3	32	0.95	1	1	2.484057
Overweight Permit_str	BOBJ1	192	After	Interior Girder 4	32	0.95	1	1	2.487046
Overweight Permit_str	BOBJ1	192	After	Interior Girder 5	32	0.95	1	1	2.323895
Overweight Permit_str	BOBJ1	192	After	Interior Girder 6	32	0.95	1	1	1.973371
Overweight Permit_str	BOBJ1	192	After	Right Exterior Girder	32	0.95	1	1	2.01913
Overweight Permit_str	BOBJ1	200	Before	Left Exterior Girder	40	0.95	1	1	1.616199
Overweight Permit_str	BOBJ1	200	Before	Interior Girder 1	40	0.95	1	1	1.545014
Overweight Permit_str	BOBJ1	200	Before	Interior Girder 2	40	0.95	1	1	1.86894
Overweight Permit_str	BOBJ1	200	Before	Interior Girder 3	40	0.95	1	1	1.950432
Overweight Permit_str	BOBJ1	200	Before	Interior Girder 4	40	0.95	1	1	1.954373
Overweight Permit_str	BOBJ1	200	Before	Interior Girder 5	40	0.95	1	1	1.864829
Overweight Permit_str	BOBJ1	200	Before	Interior Girder 6	40	0.95	1	1	1.546709
Overweight Permit_str	BOBJ1	200	Before	Right Exterior Girder	40	0.95	1	1	1.616199
Overweight Permit_str	BOBJ1	200	After	Left Exterior Girder	40	0.95	1	1	1.635109
Overweight Permit_str	BOBJ1	200	After	Interior Girder 1	40	0.95	1	1	1.534599
Overweight Permit_str	BOBJ1	200	After	Interior Girder 2	40	0.95	1	1	1.865494
Overweight Permit_str	BOBJ1	200	After	Interior Girder 3	40	0.95	1	1	1.952293
Overweight Permit_str	BOBJ1	200	After	Interior Girder 4	40	0.95	1	1	1.957569
Overweight Permit_str	BOBJ1	200	After	Interior Girder 5	40	0.95	1	1	1.862878
Overweight Permit_str	BOBJ1	200	After	Interior Girder 6	40	0.95	1	1	1.536255
Overweight Permit_str	BOBJ1	200	After	Right Exterior Girder	40	0.95	1	1	1.635109
Overweight Permit_str	BOBJ1	208	Before	Left Exterior Girder	48	0.95	1	1	1.531678
Overweight Permit_str	BOBJ1	208	Before	Interior Girder 1	48	0.95	1	1	1.504085
Overweight Permit_str	BOBJ1	208	Before	Interior Girder 2	48	0.95	1	1	1.816326
Overweight Permit_str	BOBJ1	208	Before	Interior Girder 3	48	0.95	1	1	1.97536
Overweight Permit_str	BOBJ1	208	Before	Interior Girder 4	48	0.95	1	1	1.976369
Overweight Permit_str	BOBJ1	208	Before	Interior Girder 5	48	0.95	1	1	1.815591
Overweight Permit_str	BOBJ1	208	Before	Interior Girder 6	48	0.95	1	1	1.504057
Overweight Permit_str	BOBJ1	208	Before	Right Exterior Girder	48	0.95	1	1	1.531678
Overweight Permit_str	BOBJ1	208	After	Left Exterior Girder	48	0.95	1	1	1.517735
Overweight Permit_str	BOBJ1	208	After	Interior Girder 1	48	0.95	1	1	1.502448

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelINonCompStrgth-Flx - Approach, Span 4-E									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Overweight Permit_str	BOBJ1	208	After	Interior Girder 2	48	0.95	1	1	1.823429
Overweight Permit_str	BOBJ1	208	After	Interior Girder 3	48	0.95	1	1	1.965189
Overweight Permit_str	BOBJ1	208	After	Interior Girder 4	48	0.95	1	1	1.965654
Overweight Permit_str	BOBJ1	208	After	Interior Girder 5	48	0.95	1	1	1.822591
Overweight Permit_str	BOBJ1	208	After	Interior Girder 6	48	0.95	1	1	1.502373
Overweight Permit_str	BOBJ1	208	After	Right Exterior Girder	48	0.95	1	1	1.517735
Overweight Permit_str	BOBJ1	216	Before	Left Exterior Girder	56	0.95	1	1	1.759003
Overweight Permit_str	BOBJ1	216	Before	Interior Girder 1	56	0.95	1	1	1.606966
Overweight Permit_str	BOBJ1	216	Before	Interior Girder 2	56	0.95	1	1	1.949816
Overweight Permit_str	BOBJ1	216	Before	Interior Girder 3	56	0.95	1	1	2.016962
Overweight Permit_str	BOBJ1	216	Before	Interior Girder 4	56	0.95	1	1	2.024157
Overweight Permit_str	BOBJ1	216	Before	Interior Girder 5	56	0.95	1	1	1.945458
Overweight Permit_str	BOBJ1	216	Before	Interior Girder 6	56	0.95	1	1	1.608773
Overweight Permit_str	BOBJ1	216	Before	Right Exterior Girder	56	0.95	1	1	1.759003
Overweight Permit_str	BOBJ1	216	After	Left Exterior Girder	56	0.95	1	1	1.706317
Overweight Permit_str	BOBJ1	216	After	Interior Girder 1	56	0.95	1	1	1.61671
Overweight Permit_str	BOBJ1	216	After	Interior Girder 2	56	0.95	1	1	1.944532
Overweight Permit_str	BOBJ1	216	After	Interior Girder 3	56	0.95	1	1	1.99079
Overweight Permit_str	BOBJ1	216	After	Interior Girder 4	56	0.95	1	1	1.995462
Overweight Permit_str	BOBJ1	216	After	Interior Girder 5	56	0.95	1	1	1.940208
Overweight Permit_str	BOBJ1	216	After	Interior Girder 6	56	0.95	1	1	1.618576
Overweight Permit_str	BOBJ1	216	After	Right Exterior Girder	56	0.95	1	1	1.706317
Overweight Permit_str	BOBJ1	224	Before	Left Exterior Girder	64	0.95	1	1	2.397179
Overweight Permit_str	BOBJ1	224	Before	Interior Girder 1	64	0.95	1	1	2.288149
Overweight Permit_str	BOBJ1	224	Before	Interior Girder 2	64	0.95	1	1	2.671532
Overweight Permit_str	BOBJ1	224	Before	Interior Girder 3	64	0.95	1	1	2.800917
Overweight Permit_str	BOBJ1	224	Before	Interior Girder 4	64	0.95	1	1	2.802293
Overweight Permit_str	BOBJ1	224	Before	Interior Girder 5	64	0.95	1	1	2.672078
Overweight Permit_str	BOBJ1	224	Before	Interior Girder 6	64	0.95	1	1	2.287875
Overweight Permit_str	BOBJ1	224	Before	Right Exterior Girder	64	0.95	1	1	2.397179
Overweight Permit_str	BOBJ1	224	After	Left Exterior Girder	64	0.95	1	1	2.285053
Overweight Permit_str	BOBJ1	224	After	Interior Girder 1	64	0.95	1	1	2.325821
Overweight Permit_str	BOBJ1	224	After	Interior Girder 2	64	0.95	1	1	2.690102
Overweight Permit_str	BOBJ1	224	After	Interior Girder 3	64	0.95	1	1	2.730106
Overweight Permit_str	BOBJ1	224	After	Interior Girder 4	64	0.95	1	1	2.731555
Overweight Permit_str	BOBJ1	224	After	Interior Girder 5	64	0.95	1	1	2.689796
Overweight Permit_str	BOBJ1	224	After	Interior Girder 6	64	0.95	1	1	2.3256
Overweight Permit_str	BOBJ1	224	After	Right Exterior Girder	64	0.95	1	1	2.285053
Overweight Permit_str	BOBJ1	232	Before	Left Exterior Girder	72	0.95	1	1	5.041486
Overweight Permit_str	BOBJ1	232	Before	Interior Girder 1	72	0.95	1	1	4.289397
Overweight Permit_str	BOBJ1	232	Before	Interior Girder 2	72	0.95	1	1	4.780613
Overweight Permit_str	BOBJ1	232	Before	Interior Girder 3	72	0.95	1	1	4.734333
Overweight Permit_str	BOBJ1	232	Before	Interior Girder 4	72	0.95	1	1	4.75746
Overweight Permit_str	BOBJ1	232	Before	Interior Girder 5	72	0.95	1	1	4.775695
Overweight Permit_str	BOBJ1	232	Before	Interior Girder 6	72	0.95	1	1	4.296867
Overweight Permit_str	BOBJ1	232	Before	Right Exterior Girder	72	0.95	1	1	5.041486
Overweight Permit_str	BOBJ1	232	After	Left Exterior Girder	72	0.95	1	1	4.77445
Overweight Permit_str	BOBJ1	232	After	Interior Girder 1	72	0.95	1	1	4.292024
Overweight Permit_str	BOBJ1	232	After	Interior Girder 2	72	0.95	1	1	4.644941
Overweight Permit_str	BOBJ1	232	After	Interior Girder 3	72	0.95	1	1	4.439359
Overweight Permit_str	BOBJ1	232	After	Interior Girder 4	72	0.95	1	1	4.46259
Overweight Permit_str	BOBJ1	232	After	Interior Girder 5	72	0.95	1	1	4.639114
Overweight Permit_str	BOBJ1	232	After	Interior Girder 6	72	0.95	1	1	4.301225
Overweight Permit_str	BOBJ1	232	After	Right Exterior Girder	72	0.95	1	1	4.77445
Overweight Permit_str	BOBJ1	240	Before	Left Exterior Girder	80	0.95	1	1	39.368602
Overweight Permit_str	BOBJ1	240	Before	Interior Girder 1	80	0.95	1	1	28.131922
Overweight Permit_str	BOBJ1	240	Before	Interior Girder 2	80	0.95	1	1	25.607619
Overweight Permit_str	BOBJ1	240	Before	Interior Girder 3	80	0.95	1	1	18.669311
Overweight Permit_str	BOBJ1	240	Before	Interior Girder 4	80	0.95	1	1	18.794456
Overweight Permit_str	BOBJ1	240	Before	Interior Girder 5	80	0.95	1	1	25.391129
Overweight Permit_str	BOBJ1	240	Before	Interior Girder 6	80	0.95	1	1	28.131922
Overweight Permit_str	BOBJ1	240	Before	Right Exterior Girder	80	0.95	1	1	39.368602

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Approach, Span 4-6									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
HL93_str_opr	BOBJ1	0	After	Left Exterior Girder	0	0.95	1	1	8.116097
HL93_str_opr	BOBJ1	0	After	Interior Girder 1	0	0.95	1	1	6.483387
HL93_str_opr	BOBJ1	0	After	Interior Girder 2	0	0.95	1	1	6.132331
HL93_str_opr	BOBJ1	0	After	Interior Girder 3	0	0.95	1	1	5.704785
HL93_str_opr	BOBJ1	0	After	Interior Girder 4	0	0.95	1	1	5.731395
HL93_str_opr	BOBJ1	0	After	Interior Girder 5	0	0.95	1	1	6.100247
HL93_str_opr	BOBJ1	0	After	Interior Girder 6	0	0.95	1	1	6.515483
HL93_str_opr	BOBJ1	0	After	Right Exterior Girder	0	0.95	1	1	8.131685
HL93_str_opr	BOBJ1	8	Before	Left Exterior Girder	8	0.95	1	1	8.237406
HL93_str_opr	BOBJ1	8	Before	Interior Girder 1	8	0.95	1	1	6.614431
HL93_str_opr	BOBJ1	8	Before	Interior Girder 2	8	0.95	1	1	6.255585
HL93_str_opr	BOBJ1	8	Before	Interior Girder 3	8	0.95	1	1	5.81997
HL93_str_opr	BOBJ1	8	Before	Interior Girder 4	8	0.95	1	1	5.847117
HL93_str_opr	BOBJ1	8	Before	Interior Girder 5	8	0.95	1	1	6.222856
HL93_str_opr	BOBJ1	8	Before	Interior Girder 6	8	0.95	1	1	6.647176
HL93_str_opr	BOBJ1	8	Before	Right Exterior Girder	8	0.95	1	1	8.253227
HL93_str_opr	BOBJ1	8	After	Left Exterior Girder	8	0.95	1	1	9.201745
HL93_str_opr	BOBJ1	8	After	Interior Girder 1	8	0.95	1	1	9.178537
HL93_str_opr	BOBJ1	8	After	Interior Girder 2	8	0.95	1	1	8.381448
HL93_str_opr	BOBJ1	8	After	Interior Girder 3	8	0.95	1	1	8.305998
HL93_str_opr	BOBJ1	8	After	Interior Girder 4	8	0.95	1	1	8.327167
HL93_str_opr	BOBJ1	8	After	Interior Girder 5	8	0.95	1	1	8.410696
HL93_str_opr	BOBJ1	8	After	Interior Girder 6	8	0.95	1	1	9.165632
HL93_str_opr	BOBJ1	8	After	Right Exterior Girder	8	0.95	1	1	9.223513
HL93_str_opr	BOBJ1	16	Before	Left Exterior Girder	16	0.95	1	1	9.334047
HL93_str_opr	BOBJ1	16	Before	Interior Girder 1	16	0.95	1	1	9.359541
HL93_str_opr	BOBJ1	16	Before	Interior Girder 2	16	0.95	1	1	8.545655
HL93_str_opr	BOBJ1	16	Before	Interior Girder 3	16	0.95	1	1	8.469139
HL93_str_opr	BOBJ1	16	Before	Interior Girder 4	16	0.95	1	1	8.490724
HL93_str_opr	BOBJ1	16	Before	Interior Girder 5	16	0.95	1	1	8.575476
HL93_str_opr	BOBJ1	16	Before	Interior Girder 6	16	0.95	1	1	9.346382
HL93_str_opr	BOBJ1	16	Before	Right Exterior Girder	16	0.95	1	1	9.356128
HL93_str_opr	BOBJ1	16	After	Left Exterior Girder	16	0.95	1	1	13.092675
HL93_str_opr	BOBJ1	16	After	Interior Girder 1	16	0.95	1	1	10.481299
HL93_str_opr	BOBJ1	16	After	Interior Girder 2	16	0.95	1	1	9.22651
HL93_str_opr	BOBJ1	16	After	Interior Girder 3	16	0.95	1	1	8.628187
HL93_str_opr	BOBJ1	16	After	Interior Girder 4	16	0.95	1	1	8.753815
HL93_str_opr	BOBJ1	16	After	Interior Girder 5	16	0.95	1	1	9.218469
HL93_str_opr	BOBJ1	16	After	Interior Girder 6	16	0.95	1	1	10.566773
HL93_str_opr	BOBJ1	16	After	Right Exterior Girder	16	0.95	1	1	13.111452
HL93_str_opr	BOBJ1	20.5	Before	Left Exterior Girder	20.5	0.95	1	1	13.195919
HL93_str_opr	BOBJ1	20.5	Before	Right Exterior Girder	20.5	0.95	1	1	13.214844
HL93_str_opr	BOBJ1	20.5	After	Left Exterior Girder	20.5	0.95	1	1	14.349074
HL93_str_opr	BOBJ1	20.5	After	Right Exterior Girder	20.5	0.95	1	1	14.374101
HL93_str_opr	BOBJ1	24	Before	Left Exterior Girder	24	0.95	1	1	14.444956
HL93_str_opr	BOBJ1	24	Before	Interior Girder 1	24	0.95	1	1	10.094528
HL93_str_opr	BOBJ1	24	Before	Interior Girder 2	24	0.95	1	1	9.402985
HL93_str_opr	BOBJ1	24	Before	Interior Girder 3	24	0.95	1	1	8.792863
HL93_str_opr	BOBJ1	24	Before	Interior Girder 4	24	0.95	1	1	8.920888
HL93_str_opr	BOBJ1	24	Before	Interior Girder 5	24	0.95	1	1	9.39479
HL93_str_opr	BOBJ1	24	Before	Interior Girder 6	24	0.95	1	1	10.169404
HL93_str_opr	BOBJ1	24	Before	Right Exterior Girder	24	0.95	1	1	14.47015
HL93_str_opr	BOBJ1	24	After	Left Exterior Girder	24	0.95	1	1	16.373656
HL93_str_opr	BOBJ1	24	After	Interior Girder 1	24	0.95	1	1	14.888913
HL93_str_opr	BOBJ1	24	After	Interior Girder 2	24	0.95	1	1	13.066996
HL93_str_opr	BOBJ1	24	After	Interior Girder 3	24	0.95	1	1	11.813343
HL93_str_opr	BOBJ1	24	After	Interior Girder 4	24	0.95	1	1	12.044904
HL93_str_opr	BOBJ1	24	After	Interior Girder 5	24	0.95	1	1	13.144072
HL93_str_opr	BOBJ1	24	After	Interior Girder 6	24	0.95	1	1	14.901858
HL93_str_opr	BOBJ1	24	After	Right Exterior Girder	24	0.95	1	1	16.411856
HL93_str_opr	BOBJ1	32	Before	Left Exterior Girder	32	0.95	1	1	16.618256
HL93_str_opr	BOBJ1	32	Before	Interior Girder 1	32	0.95	1	1	15.093908
HL93_str_opr	BOBJ1	32	Before	Interior Girder 2	32	0.95	1	1	13.310552
HL93_str_opr	BOBJ1	32	Before	Interior Girder 3	32	0.95	1	1	11.603074
HL93_str_opr	BOBJ1	32	Before	Interior Girder 4	32	0.95	1	1	11.830514

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Approach, Span 4-6									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
HL93_str_opr	BOBJ1	32	Before	Interior Girder 5	32	0.95	1	1	13.389065
HL93_str_opr	BOBJ1	32	Before	Interior Girder 6	32	0.95	1	1	15.179505
HL93_str_opr	BOBJ1	32	Before	Right Exterior Girder	32	0.95	1	1	16.657027
HL93_str_opr	BOBJ1	32	After	Left Exterior Girder	32	0.95	1	1	20.908939
HL93_str_opr	BOBJ1	32	After	Interior Girder 1	32	0.95	1	1	14.075577
HL93_str_opr	BOBJ1	32	After	Interior Girder 2	32	0.95	1	1	12.89043
HL93_str_opr	BOBJ1	32	After	Interior Girder 3	32	0.95	1	1	11.157902
HL93_str_opr	BOBJ1	32	After	Interior Girder 4	32	0.95	1	1	11.360783
HL93_str_opr	BOBJ1	32	After	Interior Girder 5	32	0.95	1	1	12.870758
HL93_str_opr	BOBJ1	32	After	Interior Girder 6	32	0.95	1	1	14.144516
HL93_str_opr	BOBJ1	32	After	Right Exterior Girder	32	0.95	1	1	20.908939
HL93_str_opr	BOBJ1	40	Before	Left Exterior Girder	40	0.95	1	1	20.601195
HL93_str_opr	BOBJ1	40	Before	Interior Girder 1	40	0.95	1	1	14.330728
HL93_str_opr	BOBJ1	40	Before	Interior Girder 2	40	0.95	1	1	13.124044
HL93_str_opr	BOBJ1	40	Before	Interior Girder 3	40	0.95	1	1	11.360385
HL93_str_opr	BOBJ1	40	Before	Interior Girder 4	40	0.95	1	1	11.566947
HL93_str_opr	BOBJ1	40	Before	Interior Girder 5	40	0.95	1	1	13.104015
HL93_str_opr	BOBJ1	40	Before	Interior Girder 6	40	0.95	1	1	14.400916
HL93_str_opr	BOBJ1	40	Before	Right Exterior Girder	40	0.95	1	1	20.601195
HL93_str_opr	BOBJ1	40	After	Left Exterior Girder	40	0.95	1	1	16.739954
HL93_str_opr	BOBJ1	40	After	Interior Girder 1	40	0.95	1	1	10.499228
HL93_str_opr	BOBJ1	40	After	Interior Girder 2	40	0.95	1	1	9.495206
HL93_str_opr	BOBJ1	40	After	Interior Girder 3	40	0.95	1	1	8.617701
HL93_str_opr	BOBJ1	40	After	Interior Girder 4	40	0.95	1	1	8.740115
HL93_str_opr	BOBJ1	40	After	Interior Girder 5	40	0.95	1	1	9.481221
HL93_str_opr	BOBJ1	40	After	Interior Girder 6	40	0.95	1	1	10.584762
HL93_str_opr	BOBJ1	40	After	Right Exterior Girder	40	0.95	1	1	16.739954
HL93_str_opr	BOBJ1	46.5	Before	Left Exterior Girder	46.5	0.95	1	1	16.532698
HL93_str_opr	BOBJ1	46.5	Before	Right Exterior Girder	46.5	0.95	1	1	16.532698
HL93_str_opr	BOBJ1	46.5	After	Left Exterior Girder	46.5	0.95	1	1	12.972694
HL93_str_opr	BOBJ1	46.5	After	Right Exterior Girder	46.5	0.95	1	1	12.987845
HL93_str_opr	BOBJ1	48	Before	Left Exterior Girder	48	0.95	1	1	12.938094
HL93_str_opr	BOBJ1	48	Before	Interior Girder 1	48	0.95	1	1	12.143584
HL93_str_opr	BOBJ1	48	Before	Interior Girder 2	48	0.95	1	1	9.317253
HL93_str_opr	BOBJ1	48	Before	Interior Girder 3	48	0.95	1	1	8.45655
HL93_str_opr	BOBJ1	48	Before	Interior Girder 4	48	0.95	1	1	8.576676
HL93_str_opr	BOBJ1	48	Before	Interior Girder 5	48	0.95	1	1	9.303531
HL93_str_opr	BOBJ1	48	Before	Interior Girder 6	48	0.95	1	1	12.222805
HL93_str_opr	BOBJ1	48	Before	Right Exterior Girder	48	0.95	1	1	12.953204
HL93_str_opr	BOBJ1	48	After	Left Exterior Girder	48	0.95	1	1	10.45511
HL93_str_opr	BOBJ1	48	After	Interior Girder 1	48	0.95	1	1	9.786633
HL93_str_opr	BOBJ1	48	After	Interior Girder 2	48	0.95	1	1	8.936811
HL93_str_opr	BOBJ1	48	After	Interior Girder 3	48	0.95	1	1	8.86076
HL93_str_opr	BOBJ1	48	After	Interior Girder 4	48	0.95	1	1	8.900753
HL93_str_opr	BOBJ1	48	After	Interior Girder 5	48	0.95	1	1	8.967096
HL93_str_opr	BOBJ1	48	After	Interior Girder 6	48	0.95	1	1	9.786291
HL93_str_opr	BOBJ1	48	After	Right Exterior Girder	48	0.95	1	1	10.481992
HL93_str_opr	BOBJ1	56	Before	Left Exterior Girder	56	0.95	1	1	10.307057
HL93_str_opr	BOBJ1	56	Before	Interior Girder 1	56	0.95	1	1	9.597463
HL93_str_opr	BOBJ1	56	Before	Interior Girder 2	56	0.95	1	1	8.765059
HL93_str_opr	BOBJ1	56	Before	Interior Girder 3	56	0.95	1	1	8.690527
HL93_str_opr	BOBJ1	56	Before	Interior Girder 4	56	0.95	1	1	8.729752
HL93_str_opr	BOBJ1	56	Before	Interior Girder 5	56	0.95	1	1	8.794762
HL93_str_opr	BOBJ1	56	Before	Interior Girder 6	56	0.95	1	1	9.597128
HL93_str_opr	BOBJ1	56	Before	Right Exterior Girder	56	0.95	1	1	10.333558
HL93_str_opr	BOBJ1	56	After	Left Exterior Girder	56	0.95	1	1	9.280372
HL93_str_opr	BOBJ1	56	After	Interior Girder 1	56	0.95	1	1	7.2384
HL93_str_opr	BOBJ1	56	After	Interior Girder 2	56	0.95	1	1	6.854146
HL93_str_opr	BOBJ1	56	After	Interior Girder 3	56	0.95	1	1	6.442474
HL93_str_opr	BOBJ1	56	After	Interior Girder 4	56	0.95	1	1	6.487423
HL93_str_opr	BOBJ1	56	After	Interior Girder 5	56	0.95	1	1	6.823433
HL93_str_opr	BOBJ1	56	After	Interior Girder 6	56	0.95	1	1	7.261765
HL93_str_opr	BOBJ1	56	After	Right Exterior Girder	56	0.95	1	1	9.299949
HL93_str_opr	BOBJ1	59	Before	Interior Girder 1	59	0.95	1	1	7.184538
HL93_str_opr	BOBJ1	59	Before	Interior Girder 2	59	0.95	1	1	6.803561

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Approach, Span 4-6									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
HL93_str_opr	BOBJ1	59	Before	Interior Girder 3	59	0.95	1	1	6.394927
HL93_str_opr	BOBJ1	59	Before	Interior Girder 4	59	0.95	1	1	6.439545
HL93_str_opr	BOBJ1	59	Before	Interior Girder 5	59	0.95	1	1	6.773074
HL93_str_opr	BOBJ1	59	Before	Interior Girder 6	59	0.95	1	1	7.20773
HL93_str_opr	BOBJ1	59	After	Interior Girder 1	59	0.95	1	1	4.96997
HL93_str_opr	BOBJ1	59	After	Interior Girder 2	59	0.95	1	1	4.728848
HL93_str_opr	BOBJ1	59	After	Interior Girder 3	59	0.95	1	1	4.359201
HL93_str_opr	BOBJ1	59	After	Interior Girder 4	59	0.95	1	1	4.406646
HL93_str_opr	BOBJ1	59	After	Interior Girder 5	59	0.95	1	1	4.70626
HL93_str_opr	BOBJ1	59	After	Interior Girder 6	59	0.95	1	1	4.999272
HL93_str_opr	BOBJ1	64	Before	Left Exterior Girder	64	0.95	1	1	9.153997
HL93_str_opr	BOBJ1	64	Before	Interior Girder 1	64	0.95	1	1	4.897441
HL93_str_opr	BOBJ1	64	Before	Interior Girder 2	64	0.95	1	1	4.660304
HL93_str_opr	BOBJ1	64	Before	Interior Girder 3	64	0.95	1	1	4.295942
HL93_str_opr	BOBJ1	64	Before	Interior Girder 4	64	0.95	1	1	4.342699
HL93_str_opr	BOBJ1	64	Before	Interior Girder 5	64	0.95	1	1	4.638043
HL93_str_opr	BOBJ1	64	Before	Interior Girder 6	64	0.95	1	1	4.926315
HL93_str_opr	BOBJ1	64	Before	Right Exterior Girder	64	0.95	1	1	9.171437
HL93_str_opr	BOBJ1	64	After	Left Exterior Girder	64	0.95	1	1	6.648814
HL93_str_opr	BOBJ1	64	After	Interior Girder 1	64	0.95	1	1	5.207266
HL93_str_opr	BOBJ1	64	After	Interior Girder 2	64	0.95	1	1	4.776756
HL93_str_opr	BOBJ1	64	After	Interior Girder 3	64	0.95	1	1	4.292829
HL93_str_opr	BOBJ1	64	After	Interior Girder 4	64	0.95	1	1	4.300514
HL93_str_opr	BOBJ1	64	After	Interior Girder 5	64	0.95	1	1	4.776655
HL93_str_opr	BOBJ1	64	After	Interior Girder 6	64	0.95	1	1	5.204238
HL93_str_opr	BOBJ1	64	After	Right Exterior Girder	64	0.95	1	1	6.664763
HL93_str_opr	BOBJ1	69	Before	Interior Girder 1	69	0.95	1	1	5.129923
HL93_str_opr	BOBJ1	69	Before	Interior Girder 2	69	0.95	1	1	4.7069
HL93_str_opr	BOBJ1	69	Before	Interior Girder 3	69	0.95	1	1	4.228368
HL93_str_opr	BOBJ1	69	Before	Interior Girder 4	69	0.95	1	1	4.235938
HL93_str_opr	BOBJ1	69	Before	Interior Girder 5	69	0.95	1	1	4.706801
HL93_str_opr	BOBJ1	69	Before	Interior Girder 6	69	0.95	1	1	5.126941
HL93_str_opr	BOBJ1	69	After	Interior Girder 1	69	0.95	1	1	4.325323
HL93_str_opr	BOBJ1	69	After	Interior Girder 2	69	0.95	1	1	4.111058
HL93_str_opr	BOBJ1	69	After	Interior Girder 3	69	0.95	1	1	3.5676
HL93_str_opr	BOBJ1	69	After	Interior Girder 4	69	0.95	1	1	3.582727
HL93_str_opr	BOBJ1	69	After	Interior Girder 5	69	0.95	1	1	4.094222
HL93_str_opr	BOBJ1	69	After	Interior Girder 6	69	0.95	1	1	4.334663
HL93_str_opr	BOBJ1	72	Before	Left Exterior Girder	72	0.95	1	1	4.516383
HL93_str_opr	BOBJ1	72	Before	Interior Girder 1	72	0.95	1	1	4.281065
HL93_str_opr	BOBJ1	72	Before	Interior Girder 2	72	0.95	1	1	4.069806
HL93_str_opr	BOBJ1	72	Before	Interior Girder 3	72	0.95	1	1	3.530717
HL93_str_opr	BOBJ1	72	Before	Interior Girder 4	72	0.95	1	1	3.545687
HL93_str_opr	BOBJ1	72	Before	Interior Girder 5	72	0.95	1	1	4.053139
HL93_str_opr	BOBJ1	72	Before	Interior Girder 6	72	0.95	1	1	4.290309
HL93_str_opr	BOBJ1	72	Before	Right Exterior Girder	72	0.95	1	1	4.526509
HL93_str_opr	BOBJ1	72	After	Left Exterior Girder	72	0.95	1	1	4.231083
HL93_str_opr	BOBJ1	72	After	Interior Girder 1	72	0.95	1	1	5.03588
HL93_str_opr	BOBJ1	72	After	Interior Girder 2	72	0.95	1	1	3.715752
HL93_str_opr	BOBJ1	72	After	Interior Girder 3	72	0.95	1	1	3.151645
HL93_str_opr	BOBJ1	72	After	Interior Girder 4	72	0.95	1	1	3.166968
HL93_str_opr	BOBJ1	72	After	Interior Girder 5	72	0.95	1	1	3.692345
HL93_str_opr	BOBJ1	72	After	Interior Girder 6	72	0.95	1	1	5.069608
HL93_str_opr	BOBJ1	72	After	Right Exterior Girder	72	0.95	1	1	4.239879
HL93_str_opr	BOBJ1	72.5	Before	Left Exterior Girder	72.5	0.95	1	1	4.226553
HL93_str_opr	BOBJ1	72.5	Before	Right Exterior Girder	72.5	0.95	1	1	4.23534
HL93_str_opr	BOBJ1	72.5	After	Left Exterior Girder	72.5	0.95	1	1	6.033216
HL93_str_opr	BOBJ1	72.5	After	Right Exterior Girder	72.5	0.95	1	1	6.044367
HL93_str_opr	BOBJ1	80	Before	Left Exterior Girder	80	0.95	1	1	5.928909
HL93_str_opr	BOBJ1	80	Before	Interior Girder 1	80	0.95	1	1	3.834897
HL93_str_opr	BOBJ1	80	Before	Interior Girder 2	80	0.95	1	1	3.614951
HL93_str_opr	BOBJ1	80	Before	Interior Girder 3	80	0.95	1	1	3.063052
HL93_str_opr	BOBJ1	80	Before	Interior Girder 4	80	0.95	1	1	3.077944
HL93_str_opr	BOBJ1	80	Before	Interior Girder 5	80	0.95	1	1	3.592179
HL93_str_opr	BOBJ1	80	Before	Interior Girder 6	80	0.95	1	1	3.858835

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Approach, Span 4-6									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
HL93_str_opr	BOBJ1	80	Before	Right Exterior Girder	80	0.95	1	1	5.939867
HL93_str_opr	BOBJ1	80	After	Left Exterior Girder	0	0.95	1	1	6.729235
HL93_str_opr	BOBJ1	80	After	Interior Girder 1	0	0.95	1	1	4.151879
HL93_str_opr	BOBJ1	80	After	Interior Girder 2	0	0.95	1	1	3.936617
HL93_str_opr	BOBJ1	80	After	Interior Girder 3	0	0.95	1	1	3.328442
HL93_str_opr	BOBJ1	80	After	Interior Girder 4	0	0.95	1	1	3.345156
HL93_str_opr	BOBJ1	80	After	Interior Girder 5	0	0.95	1	1	3.911297
HL93_str_opr	BOBJ1	80	After	Interior Girder 6	0	0.95	1	1	4.178271
HL93_str_opr	BOBJ1	80	After	Right Exterior Girder	0	0.95	1	1	6.741941
HL93_str_opr	BOBJ1	87.5	Before	Left Exterior Girder	7.5	0.95	1	1	6.842214
HL93_str_opr	BOBJ1	87.5	Before	Right Exterior Girder	7.5	0.95	1	1	6.855134
HL93_str_opr	BOBJ1	87.5	After	Left Exterior Girder	7.5	0.95	1	1	5.311379
HL93_str_opr	BOBJ1	87.5	After	Right Exterior Girder	7.5	0.95	1	1	5.322247
HL93_str_opr	BOBJ1	88	Before	Left Exterior Girder	8	0.95	1	1	5.316601
HL93_str_opr	BOBJ1	88	Before	Interior Girder 1	8	0.95	1	1	4.918241
HL93_str_opr	BOBJ1	88	Before	Interior Girder 2	8	0.95	1	1	4.041589
HL93_str_opr	BOBJ1	88	Before	Interior Girder 3	8	0.95	1	1	3.420392
HL93_str_opr	BOBJ1	88	Before	Interior Girder 4	8	0.95	1	1	3.437568
HL93_str_opr	BOBJ1	88	Before	Interior Girder 5	8	0.95	1	1	4.015594
HL93_str_opr	BOBJ1	88	Before	Interior Girder 6	8	0.95	1	1	4.950665
HL93_str_opr	BOBJ1	88	Before	Right Exterior Girder	8	0.95	1	1	5.327479
HL93_str_opr	BOBJ1	88	After	Left Exterior Girder	8	0.95	1	1	5.655718
HL93_str_opr	BOBJ1	88	After	Interior Girder 1	8	0.95	1	1	4.708329
HL93_str_opr	BOBJ1	88	After	Interior Girder 2	8	0.95	1	1	4.468166
HL93_str_opr	BOBJ1	88	After	Interior Girder 3	8	0.95	1	1	3.875931
HL93_str_opr	BOBJ1	88	After	Interior Girder 4	8	0.95	1	1	3.892249
HL93_str_opr	BOBJ1	88	After	Interior Girder 5	8	0.95	1	1	4.449675
HL93_str_opr	BOBJ1	88	After	Interior Girder 6	8	0.95	1	1	4.718562
HL93_str_opr	BOBJ1	88	After	Right Exterior Girder	8	0.95	1	1	5.669159
HL93_str_opr	BOBJ1	91	Before	Interior Girder 1	11	0.95	1	1	4.754696
HL93_str_opr	BOBJ1	91	Before	Interior Girder 2	11	0.95	1	1	4.511541
HL93_str_opr	BOBJ1	91	Before	Interior Girder 3	11	0.95	1	1	3.914667
HL93_str_opr	BOBJ1	91	Before	Interior Girder 4	11	0.95	1	1	3.931149
HL93_str_opr	BOBJ1	91	Before	Interior Girder 5	11	0.95	1	1	4.49287
HL93_str_opr	BOBJ1	91	Before	Interior Girder 6	11	0.95	1	1	4.76503
HL93_str_opr	BOBJ1	91	After	Interior Girder 1	11	0.95	1	1	5.671215
HL93_str_opr	BOBJ1	91	After	Interior Girder 2	11	0.95	1	1	5.237631
HL93_str_opr	BOBJ1	91	After	Interior Girder 3	11	0.95	1	1	4.710387
HL93_str_opr	BOBJ1	91	After	Interior Girder 4	11	0.95	1	1	4.71798
HL93_str_opr	BOBJ1	91	After	Interior Girder 5	11	0.95	1	1	5.238482
HL93_str_opr	BOBJ1	91	After	Interior Girder 6	11	0.95	1	1	5.66772
HL93_str_opr	BOBJ1	96	Before	Left Exterior Girder	16	0.95	1	1	7.783456
HL93_str_opr	BOBJ1	96	Before	Interior Girder 1	16	0.95	1	1	5.752936
HL93_str_opr	BOBJ1	96	Before	Interior Girder 2	16	0.95	1	1	5.312124
HL93_str_opr	BOBJ1	96	Before	Interior Girder 3	16	0.95	1	1	4.779136
HL93_str_opr	BOBJ1	96	Before	Interior Girder 4	16	0.95	1	1	4.786839
HL93_str_opr	BOBJ1	96	Before	Interior Girder 5	16	0.95	1	1	5.312987
HL93_str_opr	BOBJ1	96	Before	Interior Girder 6	16	0.95	1	1	5.749391
HL93_str_opr	BOBJ1	96	Before	Right Exterior Girder	16	0.95	1	1	7.802585
HL93_str_opr	BOBJ1	96	After	Left Exterior Girder	16	0.95	1	1	7.750293
HL93_str_opr	BOBJ1	96	After	Interior Girder 1	16	0.95	1	1	6.057024
HL93_str_opr	BOBJ1	96	After	Interior Girder 2	16	0.95	1	1	5.768356
HL93_str_opr	BOBJ1	96	After	Interior Girder 3	16	0.95	1	1	5.466418
HL93_str_opr	BOBJ1	96	After	Interior Girder 4	16	0.95	1	1	5.508531
HL93_str_opr	BOBJ1	96	After	Interior Girder 5	16	0.95	1	1	5.754049
HL93_str_opr	BOBJ1	96	After	Interior Girder 6	16	0.95	1	1	6.094007
HL93_str_opr	BOBJ1	96	After	Right Exterior Girder	16	0.95	1	1	7.765898
HL93_str_opr	BOBJ1	104	Before	Left Exterior Girder	24	0.95	1	1	7.879923
HL93_str_opr	BOBJ1	104	Before	Interior Girder 1	24	0.95	1	1	6.194095
HL93_str_opr	BOBJ1	104	Before	Interior Girder 2	24	0.95	1	1	5.898421
HL93_str_opr	BOBJ1	104	Before	Interior Girder 3	24	0.95	1	1	5.58966
HL93_str_opr	BOBJ1	104	Before	Interior Girder 4	24	0.95	1	1	5.632722
HL93_str_opr	BOBJ1	104	Before	Interior Girder 5	24	0.95	1	1	5.883792
HL93_str_opr	BOBJ1	104	Before	Interior Girder 6	24	0.95	1	1	6.231915
HL93_str_opr	BOBJ1	104	Before	Right Exterior Girder	24	0.95	1	1	7.895789

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Approach, Span 4-6									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
HL93_str_opr	BOBJ1	104	After	Left Exterior Girder	24	0.95	1	1	9.160904
HL93_str_opr	BOBJ1	104	After	Interior Girder 1	24	0.95	1	1	8.660907
HL93_str_opr	BOBJ1	104	After	Interior Girder 2	24	0.95	1	1	7.988735
HL93_str_opr	BOBJ1	104	After	Interior Girder 3	24	0.95	1	1	7.984349
HL93_str_opr	BOBJ1	104	After	Interior Girder 4	24	0.95	1	1	8.023113
HL93_str_opr	BOBJ1	104	After	Interior Girder 5	24	0.95	1	1	8.022248
HL93_str_opr	BOBJ1	104	After	Interior Girder 6	24	0.95	1	1	8.662228
HL93_str_opr	BOBJ1	104	After	Right Exterior Girder	24	0.95	1	1	9.185642
HL93_str_opr	BOBJ1	112	Before	Left Exterior Girder	32	0.95	1	1	9.306887
HL93_str_opr	BOBJ1	112	Before	Interior Girder 1	32	0.95	1	1	8.851431
HL93_str_opr	BOBJ1	112	Before	Interior Girder 2	32	0.95	1	1	8.163466
HL93_str_opr	BOBJ1	112	Before	Interior Girder 3	32	0.95	1	1	8.158854
HL93_str_opr	BOBJ1	112	Before	Interior Girder 4	32	0.95	1	1	8.198466
HL93_str_opr	BOBJ1	112	Before	Interior Girder 5	32	0.95	1	1	8.197712
HL93_str_opr	BOBJ1	112	Before	Interior Girder 6	32	0.95	1	1	8.852781
HL93_str_opr	BOBJ1	112	Before	Right Exterior Girder	32	0.95	1	1	9.332019
HL93_str_opr	BOBJ1	112	After	Left Exterior Girder	32	0.95	1	1	16.328327
HL93_str_opr	BOBJ1	112	After	Interior Girder 1	32	0.95	1	1	9.285811
HL93_str_opr	BOBJ1	112	After	Interior Girder 2	32	0.95	1	1	8.665659
HL93_str_opr	BOBJ1	112	After	Interior Girder 3	32	0.95	1	1	7.703361
HL93_str_opr	BOBJ1	112	After	Interior Girder 4	32	0.95	1	1	7.820667
HL93_str_opr	BOBJ1	112	After	Interior Girder 5	32	0.95	1	1	8.651209
HL93_str_opr	BOBJ1	112	After	Interior Girder 6	32	0.95	1	1	9.324548
HL93_str_opr	BOBJ1	112	After	Right Exterior Girder	32	0.95	1	1	16.328327
HL93_str_opr	BOBJ1	120	Before	Left Exterior Girder	40	0.95	1	1	16.5784
HL93_str_opr	BOBJ1	120	Before	Interior Girder 1	40	0.95	1	1	9.482547
HL93_str_opr	BOBJ1	120	Before	Interior Girder 2	40	0.95	1	1	8.849445
HL93_str_opr	BOBJ1	120	Before	Interior Girder 3	40	0.95	1	1	7.866648
HL93_str_opr	BOBJ1	120	Before	Interior Girder 4	40	0.95	1	1	7.986441
HL93_str_opr	BOBJ1	120	Before	Interior Girder 5	40	0.95	1	1	8.834688
HL93_str_opr	BOBJ1	120	Before	Interior Girder 6	40	0.95	1	1	9.522105
HL93_str_opr	BOBJ1	120	Before	Right Exterior Girder	40	0.95	1	1	16.5784
HL93_str_opr	BOBJ1	120	After	Left Exterior Girder	40	0.95	1	1	17.097792
HL93_str_opr	BOBJ1	120	After	Interior Girder 1	40	0.95	1	1	9.560428
HL93_str_opr	BOBJ1	120	After	Interior Girder 2	40	0.95	1	1	8.923736
HL93_str_opr	BOBJ1	120	After	Interior Girder 3	40	0.95	1	1	7.923842
HL93_str_opr	BOBJ1	120	After	Interior Girder 4	40	0.95	1	1	8.045643
HL93_str_opr	BOBJ1	120	After	Interior Girder 5	40	0.95	1	1	8.909012
HL93_str_opr	BOBJ1	120	After	Interior Girder 6	40	0.95	1	1	9.598741
HL93_str_opr	BOBJ1	120	After	Right Exterior Girder	40	0.95	1	1	17.127862
HL93_str_opr	BOBJ1	128	Before	Left Exterior Girder	48	0.95	1	1	16.840455
HL93_str_opr	BOBJ1	128	Before	Interior Girder 1	48	0.95	1	1	9.362241
HL93_str_opr	BOBJ1	128	Before	Interior Girder 2	48	0.95	1	1	8.738548
HL93_str_opr	BOBJ1	128	Before	Interior Girder 3	48	0.95	1	1	7.759457
HL93_str_opr	BOBJ1	128	Before	Interior Girder 4	48	0.95	1	1	7.878731
HL93_str_opr	BOBJ1	128	Before	Interior Girder 5	48	0.95	1	1	8.72413
HL93_str_opr	BOBJ1	128	Before	Interior Girder 6	48	0.95	1	1	9.399759
HL93_str_opr	BOBJ1	128	Before	Right Exterior Girder	48	0.95	1	1	16.870072
HL93_str_opr	BOBJ1	128	After	Left Exterior Girder	48	0.95	1	1	9.555662
HL93_str_opr	BOBJ1	128	After	Interior Girder 1	48	0.95	1	1	8.94755
HL93_str_opr	BOBJ1	128	After	Interior Girder 2	48	0.95	1	1	8.253559
HL93_str_opr	BOBJ1	128	After	Interior Girder 3	48	0.95	1	1	8.262575
HL93_str_opr	BOBJ1	128	After	Interior Girder 4	48	0.95	1	1	8.303329
HL93_str_opr	BOBJ1	128	After	Interior Girder 5	48	0.95	1	1	8.288766
HL93_str_opr	BOBJ1	128	After	Interior Girder 6	48	0.95	1	1	8.949278
HL93_str_opr	BOBJ1	128	After	Right Exterior Girder	48	0.95	1	1	9.5815
HL93_str_opr	BOBJ1	136	Before	Left Exterior Girder	56	0.95	1	1	9.406175
HL93_str_opr	BOBJ1	136	Before	Interior Girder 1	56	0.95	1	1	8.755072
HL93_str_opr	BOBJ1	136	Before	Interior Girder 2	56	0.95	1	1	8.076969
HL93_str_opr	BOBJ1	136	Before	Interior Girder 3	56	0.95	1	1	8.086004
HL93_str_opr	BOBJ1	136	Before	Interior Girder 4	56	0.95	1	1	8.125886
HL93_str_opr	BOBJ1	136	Before	Interior Girder 5	56	0.95	1	1	8.111423
HL93_str_opr	BOBJ1	136	Before	Interior Girder 6	56	0.95	1	1	8.756763
HL93_str_opr	BOBJ1	136	Before	Right Exterior Girder	56	0.95	1	1	9.431609
HL93_str_opr	BOBJ1	136	After	Left Exterior Girder	56	0.95	1	1	8.071397

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Approach, Span 4-6									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
HL93_str_opr	BOBJ1	136	After	Interior Girder 1	56	0.95	1	1	6.24703
HL93_str_opr	BOBJ1	136	After	Interior Girder 2	56	0.95	1	1	5.949795
HL93_str_opr	BOBJ1	136	After	Interior Girder 3	56	0.95	1	1	5.648761
HL93_str_opr	BOBJ1	136	After	Interior Girder 4	56	0.95	1	1	5.692724
HL93_str_opr	BOBJ1	136	After	Interior Girder 5	56	0.95	1	1	5.935421
HL93_str_opr	BOBJ1	136	After	Interior Girder 6	56	0.95	1	1	6.285445
HL93_str_opr	BOBJ1	136	After	Right Exterior Girder	56	0.95	1	1	8.087547
HL93_str_opr	BOBJ1	144	Before	Left Exterior Girder	64	0.95	1	1	7.939007
HL93_str_opr	BOBJ1	144	Before	Interior Girder 1	64	0.95	1	1	6.108858
HL93_str_opr	BOBJ1	144	Before	Interior Girder 2	64	0.95	1	1	5.818632
HL93_str_opr	BOBJ1	144	Before	Interior Girder 3	64	0.95	1	1	5.524338
HL93_str_opr	BOBJ1	144	Before	Interior Girder 4	64	0.95	1	1	5.567333
HL93_str_opr	BOBJ1	144	Before	Interior Girder 5	64	0.95	1	1	5.804575
HL93_str_opr	BOBJ1	144	Before	Interior Girder 6	64	0.95	1	1	6.146423
HL93_str_opr	BOBJ1	144	Before	Right Exterior Girder	64	0.95	1	1	7.954892
HL93_str_opr	BOBJ1	144	After	Left Exterior Girder	64	0.95	1	1	7.361581
HL93_str_opr	BOBJ1	144	After	Interior Girder 1	64	0.95	1	1	5.785822
HL93_str_opr	BOBJ1	144	After	Interior Girder 2	64	0.95	1	1	5.341991
HL93_str_opr	BOBJ1	144	After	Interior Girder 3	64	0.95	1	1	4.842728
HL93_str_opr	BOBJ1	144	After	Interior Girder 4	64	0.95	1	1	4.850355
HL93_str_opr	BOBJ1	144	After	Interior Girder 5	64	0.95	1	1	5.343784
HL93_str_opr	BOBJ1	144	After	Interior Girder 6	64	0.95	1	1	5.784033
HL93_str_opr	BOBJ1	144	After	Right Exterior Girder	64	0.95	1	1	7.379541
HL93_str_opr	BOBJ1	150	Before	Interior Girder 1	70	0.95	1	1	5.687143
HL93_str_opr	BOBJ1	150	Before	Interior Girder 2	70	0.95	1	1	5.251982
HL93_str_opr	BOBJ1	150	Before	Interior Girder 3	70	0.95	1	1	4.759249
HL93_str_opr	BOBJ1	150	Before	Interior Girder 4	70	0.95	1	1	4.766745
HL93_str_opr	BOBJ1	150	Before	Interior Girder 5	70	0.95	1	1	5.253744
HL93_str_opr	BOBJ1	150	Before	Interior Girder 6	70	0.95	1	1	5.685384
HL93_str_opr	BOBJ1	150	After	Interior Girder 1	70	0.95	1	1	4.438142
HL93_str_opr	BOBJ1	150	After	Interior Girder 2	70	0.95	1	1	4.375569
HL93_str_opr	BOBJ1	150	After	Interior Girder 3	70	0.95	1	1	3.777997
HL93_str_opr	BOBJ1	150	After	Interior Girder 4	70	0.95	1	1	3.797969
HL93_str_opr	BOBJ1	150	After	Interior Girder 5	70	0.95	1	1	4.357264
HL93_str_opr	BOBJ1	150	After	Interior Girder 6	70	0.95	1	1	4.448535
HL93_str_opr	BOBJ1	152	Before	Left Exterior Girder	72	0.95	1	1	7.241904
HL93_str_opr	BOBJ1	152	Before	Interior Girder 1	72	0.95	1	1	4.409341
HL93_str_opr	BOBJ1	152	Before	Interior Girder 2	72	0.95	1	1	4.347766
HL93_str_opr	BOBJ1	152	Before	Interior Girder 3	72	0.95	1	1	3.753329
HL93_str_opr	BOBJ1	152	Before	Interior Girder 4	72	0.95	1	1	3.773171
HL93_str_opr	BOBJ1	152	Before	Interior Girder 5	72	0.95	1	1	4.329578
HL93_str_opr	BOBJ1	152	Before	Interior Girder 6	72	0.95	1	1	4.419667
HL93_str_opr	BOBJ1	152	Before	Right Exterior Girder	72	0.95	1	1	7.26024
HL93_str_opr	BOBJ1	152	After	Left Exterior Girder	72	0.95	1	1	6.332345
HL93_str_opr	BOBJ1	152	After	Interior Girder 1	72	0.95	1	1	3.987629
HL93_str_opr	BOBJ1	152	After	Interior Girder 2	72	0.95	1	1	4.055403
HL93_str_opr	BOBJ1	152	After	Interior Girder 3	72	0.95	1	1	3.45218
HL93_str_opr	BOBJ1	152	After	Interior Girder 4	72	0.95	1	1	3.469678
HL93_str_opr	BOBJ1	152	After	Interior Girder 5	72	0.95	1	1	4.029244
HL93_str_opr	BOBJ1	152	After	Interior Girder 6	72	0.95	1	1	4.010873
HL93_str_opr	BOBJ1	152	After	Right Exterior Girder	72	0.95	1	1	6.34532
HL93_str_opr	BOBJ1	154	Before	Left Exterior Girder	74	0.95	1	1	6.306934
HL93_str_opr	BOBJ1	154	Before	Right Exterior Girder	74	0.95	1	1	6.319857
HL93_str_opr	BOBJ1	154	After	Left Exterior Girder	74	0.95	1	1	6.384854
HL93_str_opr	BOBJ1	154	After	Right Exterior Girder	74	0.95	1	1	6.396602
HL93_str_opr	BOBJ1	160	Before	Left Exterior Girder	80	0.95	1	1	6.29782
HL93_str_opr	BOBJ1	160	Before	Interior Girder 1	80	0.95	1	1	4.172069
HL93_str_opr	BOBJ1	160	Before	Interior Girder 2	80	0.95	1	1	3.95132
HL93_str_opr	BOBJ1	160	Before	Interior Girder 3	80	0.95	1	1	3.360755
HL93_str_opr	BOBJ1	160	Before	Interior Girder 4	80	0.95	1	1	3.37779
HL93_str_opr	BOBJ1	160	Before	Interior Girder 5	80	0.95	1	1	3.925833
HL93_str_opr	BOBJ1	160	Before	Interior Girder 6	80	0.95	1	1	4.199098
HL93_str_opr	BOBJ1	160	Before	Right Exterior Girder	80	0.95	1	1	6.309408
HL93_str_opr	BOBJ1	160	After	Left Exterior Girder	0	0.95	1	1	5.533138
HL93_str_opr	BOBJ1	160	After	Interior Girder 1	0	0.95	1	1	3.843695

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Approach, Span 4-6									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
HL93_str_opr	BOBJ1	160	After	Interior Girder 2	0	0.95	1	1	3.622336
HL93_str_opr	BOBJ1	160	After	Interior Girder 3	0	0.95	1	1	3.087657
HL93_str_opr	BOBJ1	160	After	Interior Girder 4	0	0.95	1	1	3.102839
HL93_str_opr	BOBJ1	160	After	Interior Girder 5	0	0.95	1	1	3.599636
HL93_str_opr	BOBJ1	160	After	Interior Girder 6	0	0.95	1	1	3.867925
HL93_str_opr	BOBJ1	160	After	Right Exterior Girder	0	0.95	1	1	5.54274
HL93_str_opr	BOBJ1	166	Before	Left Exterior Girder	6	0.95	1	1	5.61324
HL93_str_opr	BOBJ1	166	Before	Right Exterior Girder	6	0.95	1	1	5.62298
HL93_str_opr	BOBJ1	166	After	Left Exterior Girder	6	0.95	1	1	5.3449
HL93_str_opr	BOBJ1	166	After	Right Exterior Girder	6	0.95	1	1	5.35518
HL93_str_opr	BOBJ1	168	Before	Left Exterior Girder	8	0.95	1	1	5.367615
HL93_str_opr	BOBJ1	168	Before	Interior Girder 1	8	0.95	1	1	3.749251
HL93_str_opr	BOBJ1	168	Before	Interior Girder 2	8	0.95	1	1	3.721993
HL93_str_opr	BOBJ1	168	Before	Interior Girder 3	8	0.95	1	1	3.175713
HL93_str_opr	BOBJ1	168	Before	Interior Girder 4	8	0.95	1	1	3.191329
HL93_str_opr	BOBJ1	168	Before	Interior Girder 5	8	0.95	1	1	3.698668
HL93_str_opr	BOBJ1	168	Before	Interior Girder 6	8	0.95	1	1	3.77081
HL93_str_opr	BOBJ1	168	Before	Right Exterior Girder	8	0.95	1	1	5.377938
HL93_str_opr	BOBJ1	168	After	Left Exterior Girder	8	0.95	1	1	6.109548
HL93_str_opr	BOBJ1	168	After	Interior Girder 1	8	0.95	1	1	4.016822
HL93_str_opr	BOBJ1	168	After	Interior Girder 2	8	0.95	1	1	3.962305
HL93_str_opr	BOBJ1	168	After	Interior Girder 3	8	0.95	1	1	3.424337
HL93_str_opr	BOBJ1	168	After	Interior Girder 4	8	0.95	1	1	3.442288
HL93_str_opr	BOBJ1	168	After	Interior Girder 5	8	0.95	1	1	3.946068
HL93_str_opr	BOBJ1	168	After	Interior Girder 6	8	0.95	1	1	4.025975
HL93_str_opr	BOBJ1	168	After	Right Exterior Girder	8	0.95	1	1	6.122911
HL93_str_opr	BOBJ1	170	Before	Interior Girder 1	10	0.95	1	1	4.044335
HL93_str_opr	BOBJ1	170	Before	Interior Girder 2	10	0.95	1	1	3.988733
HL93_str_opr	BOBJ1	170	Before	Interior Girder 3	10	0.95	1	1	3.447892
HL93_str_opr	BOBJ1	170	Before	Interior Girder 4	10	0.95	1	1	3.465965
HL93_str_opr	BOBJ1	170	Before	Interior Girder 5	10	0.95	1	1	3.972388
HL93_str_opr	BOBJ1	170	Before	Interior Girder 6	10	0.95	1	1	4.053551
HL93_str_opr	BOBJ1	170	After	Interior Girder 1	10	0.95	1	1	5.109997
HL93_str_opr	BOBJ1	170	After	Interior Girder 2	10	0.95	1	1	4.699283
HL93_str_opr	BOBJ1	170	After	Interior Girder 3	10	0.95	1	1	4.26535
HL93_str_opr	BOBJ1	170	After	Interior Girder 4	10	0.95	1	1	4.272722
HL93_str_opr	BOBJ1	170	After	Interior Girder 5	10	0.95	1	1	4.699957
HL93_str_opr	BOBJ1	170	After	Interior Girder 6	10	0.95	1	1	5.108498
HL93_str_opr	BOBJ1	176	Before	Left Exterior Girder	16	0.95	1	1	6.255584
HL93_str_opr	BOBJ1	176	Before	Interior Girder 1	16	0.95	1	1	5.202551
HL93_str_opr	BOBJ1	176	Before	Interior Girder 2	16	0.95	1	1	4.783252
HL93_str_opr	BOBJ1	176	Before	Interior Girder 3	16	0.95	1	1	4.343592
HL93_str_opr	BOBJ1	176	Before	Interior Girder 4	16	0.95	1	1	4.351099
HL93_str_opr	BOBJ1	176	Before	Interior Girder 5	16	0.95	1	1	4.783938
HL93_str_opr	BOBJ1	176	Before	Interior Girder 6	16	0.95	1	1	5.201026
HL93_str_opr	BOBJ1	176	Before	Right Exterior Girder	16	0.95	1	1	6.269966
HL93_str_opr	BOBJ1	176	After	Left Exterior Girder	16	0.95	1	1	8.849833
HL93_str_opr	BOBJ1	176	After	Interior Girder 1	16	0.95	1	1	4.809356
HL93_str_opr	BOBJ1	176	After	Interior Girder 2	16	0.95	1	1	4.670237
HL93_str_opr	BOBJ1	176	After	Interior Girder 3	16	0.95	1	1	4.340826
HL93_str_opr	BOBJ1	176	After	Interior Girder 4	16	0.95	1	1	4.388432
HL93_str_opr	BOBJ1	176	After	Interior Girder 5	16	0.95	1	1	4.648134
HL93_str_opr	BOBJ1	176	After	Interior Girder 6	16	0.95	1	1	4.837278
HL93_str_opr	BOBJ1	176	After	Right Exterior Girder	16	0.95	1	1	8.866059
HL93_str_opr	BOBJ1	181	Before	Interior Girder 1	21	0.95	1	1	4.880696
HL93_str_opr	BOBJ1	181	Before	Interior Girder 2	21	0.95	1	1	4.738875
HL93_str_opr	BOBJ1	181	Before	Interior Girder 3	21	0.95	1	1	4.404625
HL93_str_opr	BOBJ1	181	Before	Interior Girder 4	21	0.95	1	1	4.452931
HL93_str_opr	BOBJ1	181	Before	Interior Girder 5	21	0.95	1	1	4.716447
HL93_str_opr	BOBJ1	181	Before	Interior Girder 6	21	0.95	1	1	4.909033
HL93_str_opr	BOBJ1	181	After	Interior Girder 1	21	0.95	1	1	6.639557
HL93_str_opr	BOBJ1	181	After	Interior Girder 2	21	0.95	1	1	6.447752
HL93_str_opr	BOBJ1	181	After	Interior Girder 3	21	0.95	1	1	6.115641
HL93_str_opr	BOBJ1	181	After	Interior Girder 4	21	0.95	1	1	6.158779
HL93_str_opr	BOBJ1	181	After	Interior Girder 5	21	0.95	1	1	6.419296

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Approach, Span 4-6									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
HL93_str_opr	BOBJ1	181	After	Interior Girder 6	21	0.95	1	1	6.660773
HL93_str_opr	BOBJ1	184	Before	Left Exterior Girder	24	0.95	1	1	8.953549
HL93_str_opr	BOBJ1	184	Before	Interior Girder 1	24	0.95	1	1	6.691289
HL93_str_opr	BOBJ1	184	Before	Interior Girder 2	24	0.95	1	1	6.497418
HL93_str_opr	BOBJ1	184	Before	Interior Girder 3	24	0.95	1	1	6.162708
HL93_str_opr	BOBJ1	184	Before	Interior Girder 4	24	0.95	1	1	6.206178
HL93_str_opr	BOBJ1	184	Before	Interior Girder 5	24	0.95	1	1	6.468742
HL93_str_opr	BOBJ1	184	Before	Interior Girder 6	24	0.95	1	1	6.71267
HL93_str_opr	BOBJ1	184	Before	Right Exterior Girder	24	0.95	1	1	8.971229
HL93_str_opr	BOBJ1	184	After	Left Exterior Girder	24	0.95	1	1	9.993905
HL93_str_opr	BOBJ1	184	After	Interior Girder 1	24	0.95	1	1	8.813723
HL93_str_opr	BOBJ1	184	After	Interior Girder 2	24	0.95	1	1	8.330983
HL93_str_opr	BOBJ1	184	After	Interior Girder 3	24	0.95	1	1	8.362426
HL93_str_opr	BOBJ1	184	After	Interior Girder 4	24	0.95	1	1	8.401115
HL93_str_opr	BOBJ1	184	After	Interior Girder 5	24	0.95	1	1	8.360106
HL93_str_opr	BOBJ1	184	After	Interior Girder 6	24	0.95	1	1	8.813252
HL93_str_opr	BOBJ1	184	After	Right Exterior Girder	24	0.95	1	1	10.018553
HL93_str_opr	BOBJ1	192	Before	Left Exterior Girder	32	0.95	1	1	10.142985
HL93_str_opr	BOBJ1	192	Before	Interior Girder 1	32	0.95	1	1	8.994106
HL93_str_opr	BOBJ1	192	Before	Interior Girder 2	32	0.95	1	1	8.500005
HL93_str_opr	BOBJ1	192	Before	Interior Girder 3	32	0.95	1	1	8.531896
HL93_str_opr	BOBJ1	192	Before	Interior Girder 4	32	0.95	1	1	8.571369
HL93_str_opr	BOBJ1	192	Before	Interior Girder 5	32	0.95	1	1	8.529719
HL93_str_opr	BOBJ1	192	Before	Interior Girder 6	32	0.95	1	1	8.993625
HL93_str_opr	BOBJ1	192	Before	Right Exterior Girder	32	0.95	1	1	10.168001
HL93_str_opr	BOBJ1	192	After	Left Exterior Girder	32	0.95	1	1	16.369643
HL93_str_opr	BOBJ1	192	After	Interior Girder 1	32	0.95	1	1	9.556248
HL93_str_opr	BOBJ1	192	After	Interior Girder 2	32	0.95	1	1	8.949296
HL93_str_opr	BOBJ1	192	After	Interior Girder 3	32	0.95	1	1	8.164022
HL93_str_opr	BOBJ1	192	After	Interior Girder 4	32	0.95	1	1	8.281302
HL93_str_opr	BOBJ1	192	After	Interior Girder 5	32	0.95	1	1	8.937133
HL93_str_opr	BOBJ1	192	After	Interior Girder 6	32	0.95	1	1	9.633557
HL93_str_opr	BOBJ1	192	After	Right Exterior Girder	32	0.95	1	1	16.369643
HL93_str_opr	BOBJ1	200	Before	Left Exterior Girder	40	0.95	1	1	16.606266
HL93_str_opr	BOBJ1	200	Before	Interior Girder 1	40	0.95	1	1	9.745041
HL93_str_opr	BOBJ1	200	Before	Interior Girder 2	40	0.95	1	1	9.125972
HL93_str_opr	BOBJ1	200	Before	Interior Girder 3	40	0.95	1	1	8.324738
HL93_str_opr	BOBJ1	200	Before	Interior Girder 4	40	0.95	1	1	8.444326
HL93_str_opr	BOBJ1	200	Before	Interior Girder 5	40	0.95	1	1	9.113569
HL93_str_opr	BOBJ1	200	Before	Interior Girder 6	40	0.95	1	1	9.823876
HL93_str_opr	BOBJ1	200	Before	Right Exterior Girder	40	0.95	1	1	16.606266
HL93_str_opr	BOBJ1	200	After	Left Exterior Girder	40	0.95	1	1	20.292518
HL93_str_opr	BOBJ1	200	After	Interior Girder 1	40	0.95	1	1	13.944611
HL93_str_opr	BOBJ1	200	After	Interior Girder 2	40	0.95	1	1	12.468717
HL93_str_opr	BOBJ1	200	After	Interior Girder 3	40	0.95	1	1	10.735145
HL93_str_opr	BOBJ1	200	After	Interior Girder 4	40	0.95	1	1	10.926426
HL93_str_opr	BOBJ1	200	After	Interior Girder 5	40	0.95	1	1	12.448536
HL93_str_opr	BOBJ1	200	After	Interior Girder 6	40	0.95	1	1	14.012482
HL93_str_opr	BOBJ1	200	After	Right Exterior Girder	40	0.95	1	1	20.39083
HL93_str_opr	BOBJ1	208	Before	Left Exterior Girder	48	0.95	1	1	20.575146
HL93_str_opr	BOBJ1	208	Before	Interior Girder 1	48	0.95	1	1	13.689374
HL93_str_opr	BOBJ1	208	Before	Interior Girder 2	48	0.95	1	1	12.239935
HL93_str_opr	BOBJ1	208	Before	Interior Girder 3	48	0.95	1	1	10.537773
HL93_str_opr	BOBJ1	208	Before	Interior Girder 4	48	0.95	1	1	10.725537
HL93_str_opr	BOBJ1	208	Before	Interior Girder 5	48	0.95	1	1	12.220124
HL93_str_opr	BOBJ1	208	Before	Interior Girder 6	48	0.95	1	1	13.756003
HL93_str_opr	BOBJ1	208	Before	Right Exterior Girder	48	0.95	1	1	20.674828
HL93_str_opr	BOBJ1	208	After	Left Exterior Girder	48	0.95	1	1	16.774462
HL93_str_opr	BOBJ1	208	After	Interior Girder 1	48	0.95	1	1	13.600727
HL93_str_opr	BOBJ1	208	After	Interior Girder 2	48	0.95	1	1	12.510023
HL93_str_opr	BOBJ1	208	After	Interior Girder 3	48	0.95	1	1	11.582539
HL93_str_opr	BOBJ1	208	After	Interior Girder 4	48	0.95	1	1	11.810863
HL93_str_opr	BOBJ1	208	After	Interior Girder 5	48	0.95	1	1	12.580038
HL93_str_opr	BOBJ1	208	After	Interior Girder 6	48	0.95	1	1	13.613777
HL93_str_opr	BOBJ1	208	After	Right Exterior Girder	48	0.95	1	1	16.817864

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Approach, Span 4-6									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
HL93_str_opr	BOBJ1	216	Before	Left Exterior Girder	56	0.95	1	1	16.543843
HL93_str_opr	BOBJ1	216	Before	Interior Girder 1	56	0.95	1	1	13.343373
HL93_str_opr	BOBJ1	216	Before	Interior Girder 2	56	0.95	1	1	12.274
HL93_str_opr	BOBJ1	216	Before	Interior Girder 3	56	0.95	1	1	11.798954
HL93_str_opr	BOBJ1	216	Before	Interior Girder 4	56	0.95	1	1	12.031545
HL93_str_opr	BOBJ1	216	Before	Interior Girder 5	56	0.95	1	1	12.342694
HL93_str_opr	BOBJ1	216	Before	Interior Girder 6	56	0.95	1	1	13.356177
HL93_str_opr	BOBJ1	216	Before	Right Exterior Girder	56	0.95	1	1	16.586649
HL93_str_opr	BOBJ1	216	After	Left Exterior Girder	56	0.95	1	1	14.044996
HL93_str_opr	BOBJ1	216	After	Interior Girder 1	56	0.95	1	1	9.241876
HL93_str_opr	BOBJ1	216	After	Interior Girder 2	56	0.95	1	1	8.78711
HL93_str_opr	BOBJ1	216	After	Interior Girder 3	56	0.95	1	1	8.130829
HL93_str_opr	BOBJ1	216	After	Interior Girder 4	56	0.95	1	1	8.244858
HL93_str_opr	BOBJ1	216	After	Interior Girder 5	56	0.95	1	1	8.774078
HL93_str_opr	BOBJ1	216	After	Interior Girder 6	56	0.95	1	1	9.312423
HL93_str_opr	BOBJ1	216	After	Right Exterior Girder	56	0.95	1	1	14.068531
HL93_str_opr	BOBJ1	224	Before	Left Exterior Girder	64	0.95	1	1	13.844664
HL93_str_opr	BOBJ1	224	Before	Interior Girder 1	64	0.95	1	1	9.062715
HL93_str_opr	BOBJ1	224	Before	Interior Girder 2	64	0.95	1	1	8.616944
HL93_str_opr	BOBJ1	224	Before	Interior Girder 3	64	0.95	1	1	7.973433
HL93_str_opr	BOBJ1	224	Before	Interior Girder 4	64	0.95	1	1	8.085255
HL93_str_opr	BOBJ1	224	Before	Interior Girder 5	64	0.95	1	1	8.604164
HL93_str_opr	BOBJ1	224	Before	Interior Girder 6	64	0.95	1	1	9.131895
HL93_str_opr	BOBJ1	224	Before	Right Exterior Girder	64	0.95	1	1	13.867864
HL93_str_opr	BOBJ1	224	After	Left Exterior Girder	64	0.95	1	1	9.21322
HL93_str_opr	BOBJ1	224	After	Interior Girder 1	64	0.95	1	1	8.398756
HL93_str_opr	BOBJ1	224	After	Interior Girder 2	64	0.95	1	1	7.922718
HL93_str_opr	BOBJ1	224	After	Interior Girder 3	64	0.95	1	1	7.643969
HL93_str_opr	BOBJ1	224	After	Interior Girder 4	64	0.95	1	1	7.672491
HL93_str_opr	BOBJ1	224	After	Interior Girder 5	64	0.95	1	1	7.94111
HL93_str_opr	BOBJ1	224	After	Interior Girder 6	64	0.95	1	1	8.398802
HL93_str_opr	BOBJ1	224	After	Right Exterior Girder	64	0.95	1	1	9.231563
HL93_str_opr	BOBJ1	232	Before	Left Exterior Girder	72	0.95	1	1	9.077181
HL93_str_opr	BOBJ1	232	Before	Interior Girder 1	72	0.95	1	1	8.230841
HL93_str_opr	BOBJ1	232	Before	Interior Girder 2	72	0.95	1	1	7.765517
HL93_str_opr	BOBJ1	232	Before	Interior Girder 3	72	0.95	1	1	7.491317
HL93_str_opr	BOBJ1	232	Before	Interior Girder 4	72	0.95	1	1	7.519269
HL93_str_opr	BOBJ1	232	Before	Interior Girder 5	72	0.95	1	1	7.783544
HL93_str_opr	BOBJ1	232	Before	Interior Girder 6	72	0.95	1	1	8.230886
HL93_str_opr	BOBJ1	232	Before	Right Exterior Girder	72	0.95	1	1	9.095254
HL93_str_opr	BOBJ1	232	After	Left Exterior Girder	72	0.95	1	1	8.132224
HL93_str_opr	BOBJ1	232	After	Interior Girder 1	72	0.95	1	1	5.959123
HL93_str_opr	BOBJ1	232	After	Interior Girder 2	72	0.95	1	1	5.779063
HL93_str_opr	BOBJ1	232	After	Interior Girder 3	72	0.95	1	1	5.149315
HL93_str_opr	BOBJ1	232	After	Interior Girder 4	72	0.95	1	1	5.197368
HL93_str_opr	BOBJ1	232	After	Interior Girder 5	72	0.95	1	1	5.740783
HL93_str_opr	BOBJ1	232	After	Interior Girder 6	72	0.95	1	1	5.998165
HL93_str_opr	BOBJ1	232	After	Right Exterior Girder	72	0.95	1	1	8.145798
HL93_str_opr	BOBJ1	240	Before	Left Exterior Girder	80	0.95	1	1	8.007095
HL93_str_opr	BOBJ1	240	Before	Interior Girder 1	80	0.95	1	1	5.837054
HL93_str_opr	BOBJ1	240	Before	Interior Girder 2	80	0.95	1	1	5.661381
HL93_str_opr	BOBJ1	240	Before	Interior Girder 3	80	0.95	1	1	5.043515
HL93_str_opr	BOBJ1	240	Before	Interior Girder 4	80	0.95	1	1	5.09058
HL93_str_opr	BOBJ1	240	Before	Interior Girder 5	80	0.95	1	1	5.62388
HL93_str_opr	BOBJ1	240	Before	Interior Girder 6	80	0.95	1	1	5.875296
HL93_str_opr	BOBJ1	240	Before	Right Exterior Girder	80	0.95	1	1	8.02046
HL93_str_inv	BOBJ1	0	After	Left Exterior Girder	0	0.95	1	1	6.260989
HL93_str_inv	BOBJ1	0	After	Interior Girder 1	0	0.95	1	1	5.00147
HL93_str_inv	BOBJ1	0	After	Interior Girder 2	0	0.95	1	1	4.730655
HL93_str_inv	BOBJ1	0	After	Interior Girder 3	0	0.95	1	1	4.400834
HL93_str_inv	BOBJ1	0	After	Interior Girder 4	0	0.95	1	1	4.421362
HL93_str_inv	BOBJ1	0	After	Interior Girder 5	0	0.95	1	1	4.705905
HL93_str_inv	BOBJ1	0	After	Interior Girder 6	0	0.95	1	1	5.02623
HL93_str_inv	BOBJ1	0	After	Right Exterior Girder	0	0.95	1	1	6.273014
HL93_str_inv	BOBJ1	8	Before	Left Exterior Girder	8	0.95	1	1	6.354571

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Approach, Span 4-6									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
HL93_str_inv	BOBJ1	8	Before	Interior Girder 1	8	0.95	1	1	5.102561
HL93_str_inv	BOBJ1	8	Before	Interior Girder 2	8	0.95	1	1	4.825737
HL93_str_inv	BOBJ1	8	Before	Interior Girder 3	8	0.95	1	1	4.489691
HL93_str_inv	BOBJ1	8	Before	Interior Girder 4	8	0.95	1	1	4.510633
HL93_str_inv	BOBJ1	8	Before	Interior Girder 5	8	0.95	1	1	4.800489
HL93_str_inv	BOBJ1	8	Before	Interior Girder 6	8	0.95	1	1	5.127822
HL93_str_inv	BOBJ1	8	Before	Right Exterior Girder	8	0.95	1	1	6.366775
HL93_str_inv	BOBJ1	8	After	Left Exterior Girder	8	0.95	1	1	7.098489
HL93_str_inv	BOBJ1	8	After	Interior Girder 1	8	0.95	1	1	7.080586
HL93_str_inv	BOBJ1	8	After	Interior Girder 2	8	0.95	1	1	6.465689
HL93_str_inv	BOBJ1	8	After	Interior Girder 3	8	0.95	1	1	6.407484
HL93_str_inv	BOBJ1	8	After	Interior Girder 4	8	0.95	1	1	6.423814
HL93_str_inv	BOBJ1	8	After	Interior Girder 5	8	0.95	1	1	6.488251
HL93_str_inv	BOBJ1	8	After	Interior Girder 6	8	0.95	1	1	7.070631
HL93_str_inv	BOBJ1	8	After	Right Exterior Girder	8	0.95	1	1	7.115282
HL93_str_inv	BOBJ1	16	Before	Left Exterior Girder	16	0.95	1	1	7.20055
HL93_str_inv	BOBJ1	16	Before	Interior Girder 1	16	0.95	1	1	7.220217
HL93_str_inv	BOBJ1	16	Before	Interior Girder 2	16	0.95	1	1	6.592363
HL93_str_inv	BOBJ1	16	Before	Interior Girder 3	16	0.95	1	1	6.533336
HL93_str_inv	BOBJ1	16	Before	Interior Girder 4	16	0.95	1	1	6.549987
HL93_str_inv	BOBJ1	16	Before	Interior Girder 5	16	0.95	1	1	6.615367
HL93_str_inv	BOBJ1	16	Before	Interior Girder 6	16	0.95	1	1	7.210066
HL93_str_inv	BOBJ1	16	Before	Right Exterior Girder	16	0.95	1	1	7.217585
HL93_str_inv	BOBJ1	16	After	Left Exterior Girder	16	0.95	1	1	10.100064
HL93_str_inv	BOBJ1	16	After	Interior Girder 1	16	0.95	1	1	8.085573
HL93_str_inv	BOBJ1	16	After	Interior Girder 2	16	0.95	1	1	7.117593
HL93_str_inv	BOBJ1	16	After	Interior Girder 3	16	0.95	1	1	6.65603
HL93_str_inv	BOBJ1	16	After	Interior Girder 4	16	0.95	1	1	6.752943
HL93_str_inv	BOBJ1	16	After	Interior Girder 5	16	0.95	1	1	7.11139
HL93_str_inv	BOBJ1	16	After	Interior Girder 6	16	0.95	1	1	8.151511
HL93_str_inv	BOBJ1	16	After	Right Exterior Girder	16	0.95	1	1	10.114549
HL93_str_inv	BOBJ1	20.5	Before	Left Exterior Girder	20.5	0.95	1	1	10.179709
HL93_str_inv	BOBJ1	20.5	Before	Right Exterior Girder	20.5	0.95	1	1	10.194308
HL93_str_inv	BOBJ1	20.5	After	Left Exterior Girder	20.5	0.95	1	1	11.069286
HL93_str_inv	BOBJ1	20.5	After	Right Exterior Girder	20.5	0.95	1	1	11.088592
HL93_str_inv	BOBJ1	24	Before	Left Exterior Girder	24	0.95	1	1	11.143252
HL93_str_inv	BOBJ1	24	Before	Interior Girder 1	24	0.95	1	1	7.787207
HL93_str_inv	BOBJ1	24	Before	Interior Girder 2	24	0.95	1	1	7.253731
HL93_str_inv	BOBJ1	24	Before	Interior Girder 3	24	0.95	1	1	6.783066
HL93_str_inv	BOBJ1	24	Before	Interior Girder 4	24	0.95	1	1	6.881828
HL93_str_inv	BOBJ1	24	Before	Interior Girder 5	24	0.95	1	1	7.24741
HL93_str_inv	BOBJ1	24	Before	Interior Girder 6	24	0.95	1	1	7.844969
HL93_str_inv	BOBJ1	24	Before	Right Exterior Girder	24	0.95	1	1	11.162687
HL93_str_inv	BOBJ1	24	After	Left Exterior Girder	24	0.95	1	1	12.631106
HL93_str_inv	BOBJ1	24	After	Interior Girder 1	24	0.95	1	1	11.485733
HL93_str_inv	BOBJ1	24	After	Interior Girder 2	24	0.95	1	1	10.080254
HL93_str_inv	BOBJ1	24	After	Interior Girder 3	24	0.95	1	1	9.11315
HL93_str_inv	BOBJ1	24	After	Interior Girder 4	24	0.95	1	1	9.291783
HL93_str_inv	BOBJ1	24	After	Interior Girder 5	24	0.95	1	1	10.139713
HL93_str_inv	BOBJ1	24	After	Interior Girder 6	24	0.95	1	1	11.495719
HL93_str_inv	BOBJ1	24	After	Right Exterior Girder	24	0.95	1	1	12.660575
HL93_str_inv	BOBJ1	32	Before	Left Exterior Girder	32	0.95	1	1	12.819798
HL93_str_inv	BOBJ1	32	Before	Interior Girder 1	32	0.95	1	1	11.643872
HL93_str_inv	BOBJ1	32	Before	Interior Girder 2	32	0.95	1	1	10.26814
HL93_str_inv	BOBJ1	32	Before	Interior Girder 3	32	0.95	1	1	8.950943
HL93_str_inv	BOBJ1	32	Before	Interior Girder 4	32	0.95	1	1	9.126396
HL93_str_inv	BOBJ1	32	Before	Interior Girder 5	32	0.95	1	1	10.328707
HL93_str_inv	BOBJ1	32	Before	Interior Girder 6	32	0.95	1	1	11.709904
HL93_str_inv	BOBJ1	32	Before	Right Exterior Girder	32	0.95	1	1	12.849707
HL93_str_inv	BOBJ1	32	After	Left Exterior Girder	32	0.95	1	1	16.129753
HL93_str_inv	BOBJ1	32	After	Interior Girder 1	32	0.95	1	1	10.858303
HL93_str_inv	BOBJ1	32	After	Interior Girder 2	32	0.95	1	1	9.944046
HL93_str_inv	BOBJ1	32	After	Interior Girder 3	32	0.95	1	1	8.607524
HL93_str_inv	BOBJ1	32	After	Interior Girder 4	32	0.95	1	1	8.764032
HL93_str_inv	BOBJ1	32	After	Interior Girder 5	32	0.95	1	1	9.92887

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Approach, Span 4-6									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
HL93_str_inv	BOBJ1	32	After	Interior Girder 6	32	0.95	1	1	10.911484
HL93_str_inv	BOBJ1	32	After	Right Exterior Girder	32	0.95	1	1	16.129753
HL93_str_inv	BOBJ1	40	Before	Left Exterior Girder	40	0.95	1	1	15.89235
HL93_str_inv	BOBJ1	40	Before	Interior Girder 1	40	0.95	1	1	11.055133
HL93_str_inv	BOBJ1	40	Before	Interior Girder 2	40	0.95	1	1	10.124263
HL93_str_inv	BOBJ1	40	Before	Interior Girder 3	40	0.95	1	1	8.763725
HL93_str_inv	BOBJ1	40	Before	Interior Girder 4	40	0.95	1	1	8.923074
HL93_str_inv	BOBJ1	40	Before	Interior Girder 5	40	0.95	1	1	10.108811
HL93_str_inv	BOBJ1	40	Before	Interior Girder 6	40	0.95	1	1	11.109278
HL93_str_inv	BOBJ1	40	Before	Right Exterior Girder	40	0.95	1	1	15.89235
HL93_str_inv	BOBJ1	40	After	Left Exterior Girder	40	0.95	1	1	12.913679
HL93_str_inv	BOBJ1	40	After	Interior Girder 1	40	0.95	1	1	8.099405
HL93_str_inv	BOBJ1	40	After	Interior Girder 2	40	0.95	1	1	7.324873
HL93_str_inv	BOBJ1	40	After	Interior Girder 3	40	0.95	1	1	6.64794
HL93_str_inv	BOBJ1	40	After	Interior Girder 4	40	0.95	1	1	6.742375
HL93_str_inv	BOBJ1	40	After	Interior Girder 5	40	0.95	1	1	7.314085
HL93_str_inv	BOBJ1	40	After	Interior Girder 6	40	0.95	1	1	8.165388
HL93_str_inv	BOBJ1	40	After	Right Exterior Girder	40	0.95	1	1	12.913679
HL93_str_inv	BOBJ1	46.5	Before	Left Exterior Girder	46.5	0.95	1	1	12.753796
HL93_str_inv	BOBJ1	46.5	Before	Right Exterior Girder	46.5	0.95	1	1	12.753796
HL93_str_inv	BOBJ1	46.5	After	Left Exterior Girder	46.5	0.95	1	1	10.007507
HL93_str_inv	BOBJ1	46.5	After	Right Exterior Girder	46.5	0.95	1	1	10.019195
HL93_str_inv	BOBJ1	48	Before	Left Exterior Girder	48	0.95	1	1	9.980815
HL93_str_inv	BOBJ1	48	Before	Interior Girder 1	48	0.95	1	1	9.367908
HL93_str_inv	BOBJ1	48	Before	Interior Girder 2	48	0.95	1	1	7.187595
HL93_str_inv	BOBJ1	48	Before	Interior Girder 3	48	0.95	1	1	6.523625
HL93_str_inv	BOBJ1	48	Before	Interior Girder 4	48	0.95	1	1	6.616293
HL93_str_inv	BOBJ1	48	Before	Interior Girder 5	48	0.95	1	1	7.177009
HL93_str_inv	BOBJ1	48	Before	Interior Girder 6	48	0.95	1	1	9.429021
HL93_str_inv	BOBJ1	48	Before	Right Exterior Girder	48	0.95	1	1	9.992472
HL93_str_inv	BOBJ1	48	After	Left Exterior Girder	48	0.95	1	1	8.065371
HL93_str_inv	BOBJ1	48	After	Interior Girder 1	48	0.95	1	1	7.549688
HL93_str_inv	BOBJ1	48	After	Interior Girder 2	48	0.95	1	1	6.894111
HL93_str_inv	BOBJ1	48	After	Interior Girder 3	48	0.95	1	1	6.835443
HL93_str_inv	BOBJ1	48	After	Interior Girder 4	48	0.95	1	1	6.866295
HL93_str_inv	BOBJ1	48	After	Interior Girder 5	48	0.95	1	1	6.917474
HL93_str_inv	BOBJ1	48	After	Interior Girder 6	48	0.95	1	1	7.549425
HL93_str_inv	BOBJ1	48	After	Right Exterior Girder	48	0.95	1	1	8.086108
HL93_str_inv	BOBJ1	56	Before	Left Exterior Girder	56	0.95	1	1	7.951158
HL93_str_inv	BOBJ1	56	Before	Interior Girder 1	56	0.95	1	1	7.403757
HL93_str_inv	BOBJ1	56	Before	Interior Girder 2	56	0.95	1	1	6.761617
HL93_str_inv	BOBJ1	56	Before	Interior Girder 3	56	0.95	1	1	6.704121
HL93_str_inv	BOBJ1	56	Before	Interior Girder 4	56	0.95	1	1	6.73438
HL93_str_inv	BOBJ1	56	Before	Interior Girder 5	56	0.95	1	1	6.78453
HL93_str_inv	BOBJ1	56	Before	Interior Girder 6	56	0.95	1	1	7.403499
HL93_str_inv	BOBJ1	56	Before	Right Exterior Girder	56	0.95	1	1	7.971602
HL93_str_inv	BOBJ1	56	After	Left Exterior Girder	56	0.95	1	1	7.159144
HL93_str_inv	BOBJ1	56	After	Interior Girder 1	56	0.95	1	1	5.583909
HL93_str_inv	BOBJ1	56	After	Interior Girder 2	56	0.95	1	1	5.287484
HL93_str_inv	BOBJ1	56	After	Interior Girder 3	56	0.95	1	1	4.969908
HL93_str_inv	BOBJ1	56	After	Interior Girder 4	56	0.95	1	1	5.004584
HL93_str_inv	BOBJ1	56	After	Interior Girder 5	56	0.95	1	1	5.263791
HL93_str_inv	BOBJ1	56	After	Interior Girder 6	56	0.95	1	1	5.601933
HL93_str_inv	BOBJ1	56	After	Right Exterior Girder	56	0.95	1	1	7.174247
HL93_str_inv	BOBJ1	59	Before	Interior Girder 1	59	0.95	1	1	5.542358
HL93_str_inv	BOBJ1	59	Before	Interior Girder 2	59	0.95	1	1	5.248461
HL93_str_inv	BOBJ1	59	Before	Interior Girder 3	59	0.95	1	1	4.933229
HL93_str_inv	BOBJ1	59	Before	Interior Girder 4	59	0.95	1	1	4.967649
HL93_str_inv	BOBJ1	59	Before	Interior Girder 5	59	0.95	1	1	5.224943
HL93_str_inv	BOBJ1	59	Before	Interior Girder 6	59	0.95	1	1	5.560249
HL93_str_inv	BOBJ1	59	After	Interior Girder 1	59	0.95	1	1	3.833977
HL93_str_inv	BOBJ1	59	After	Interior Girder 2	59	0.95	1	1	3.647969
HL93_str_inv	BOBJ1	59	After	Interior Girder 3	59	0.95	1	1	3.362812
HL93_str_inv	BOBJ1	59	After	Interior Girder 4	59	0.95	1	1	3.399413
HL93_str_inv	BOBJ1	59	After	Interior Girder 5	59	0.95	1	1	3.630543

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Approach, Span 4-6									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
HL93_str_inv	BOBJ1	59	After	Interior Girder 6	59	0.95	1	1	3.856581
HL93_str_inv	BOBJ1	64	Before	Left Exterior Girder	64	0.95	1	1	7.061655
HL93_str_inv	BOBJ1	64	Before	Interior Girder 1	64	0.95	1	1	3.778026
HL93_str_inv	BOBJ1	64	Before	Interior Girder 2	64	0.95	1	1	3.595092
HL93_str_inv	BOBJ1	64	Before	Interior Girder 3	64	0.95	1	1	3.314012
HL93_str_inv	BOBJ1	64	Before	Interior Girder 4	64	0.95	1	1	3.350082
HL93_str_inv	BOBJ1	64	Before	Interior Girder 5	64	0.95	1	1	3.577919
HL93_str_inv	BOBJ1	64	Before	Interior Girder 6	64	0.95	1	1	3.8003
HL93_str_inv	BOBJ1	64	Before	Right Exterior Girder	64	0.95	1	1	7.075109
HL93_str_inv	BOBJ1	64	After	Left Exterior Girder	64	0.95	1	1	5.129085
HL93_str_inv	BOBJ1	64	After	Interior Girder 1	64	0.95	1	1	4.017034
HL93_str_inv	BOBJ1	64	After	Interior Girder 2	64	0.95	1	1	3.684926
HL93_str_inv	BOBJ1	64	After	Interior Girder 3	64	0.95	1	1	3.311611
HL93_str_inv	BOBJ1	64	After	Interior Girder 4	64	0.95	1	1	3.317539
HL93_str_inv	BOBJ1	64	After	Interior Girder 5	64	0.95	1	1	3.684848
HL93_str_inv	BOBJ1	64	After	Interior Girder 6	64	0.95	1	1	4.014698
HL93_str_inv	BOBJ1	64	After	Right Exterior Girder	64	0.95	1	1	5.141389
HL93_str_inv	BOBJ1	69	Before	Interior Girder 1	69	0.95	1	1	3.957369
HL93_str_inv	BOBJ1	69	Before	Interior Girder 2	69	0.95	1	1	3.631038
HL93_str_inv	BOBJ1	69	Before	Interior Girder 3	69	0.95	1	1	3.261884
HL93_str_inv	BOBJ1	69	Before	Interior Girder 4	69	0.95	1	1	3.267723
HL93_str_inv	BOBJ1	69	Before	Interior Girder 5	69	0.95	1	1	3.630961
HL93_str_inv	BOBJ1	69	Before	Interior Girder 6	69	0.95	1	1	3.955069
HL93_str_inv	BOBJ1	69	After	Interior Girder 1	69	0.95	1	1	3.336677
HL93_str_inv	BOBJ1	69	After	Interior Girder 2	69	0.95	1	1	3.171387
HL93_str_inv	BOBJ1	69	After	Interior Girder 3	69	0.95	1	1	2.752148
HL93_str_inv	BOBJ1	69	After	Interior Girder 4	69	0.95	1	1	2.763818
HL93_str_inv	BOBJ1	69	After	Interior Girder 5	69	0.95	1	1	3.1584
HL93_str_inv	BOBJ1	69	After	Interior Girder 6	69	0.95	1	1	3.343883
HL93_str_inv	BOBJ1	72	Before	Left Exterior Girder	72	0.95	1	1	3.484067
HL93_str_inv	BOBJ1	72	Before	Interior Girder 1	72	0.95	1	1	3.302535
HL93_str_inv	BOBJ1	72	Before	Interior Girder 2	72	0.95	1	1	3.139565
HL93_str_inv	BOBJ1	72	Before	Interior Girder 3	72	0.95	1	1	2.723696
HL93_str_inv	BOBJ1	72	Before	Interior Girder 4	72	0.95	1	1	2.735244
HL93_str_inv	BOBJ1	72	Before	Interior Girder 5	72	0.95	1	1	3.126707
HL93_str_inv	BOBJ1	72	Before	Interior Girder 6	72	0.95	1	1	3.309667
HL93_str_inv	BOBJ1	72	Before	Right Exterior Girder	72	0.95	1	1	3.491879
HL93_str_inv	BOBJ1	72	After	Left Exterior Girder	72	0.95	1	1	3.263978
HL93_str_inv	BOBJ1	72	After	Interior Girder 1	72	0.95	1	1	3.884822
HL93_str_inv	BOBJ1	72	After	Interior Girder 2	72	0.95	1	1	2.866437
HL93_str_inv	BOBJ1	72	After	Interior Girder 3	72	0.95	1	1	2.431269
HL93_str_inv	BOBJ1	72	After	Interior Girder 4	72	0.95	1	1	2.44309
HL93_str_inv	BOBJ1	72	After	Interior Girder 5	72	0.95	1	1	2.848381
HL93_str_inv	BOBJ1	72	After	Interior Girder 6	72	0.95	1	1	3.91084
HL93_str_inv	BOBJ1	72	After	Right Exterior Girder	72	0.95	1	1	3.270764
HL93_str_inv	BOBJ1	72.5	Before	Left Exterior Girder	72.5	0.95	1	1	3.260484
HL93_str_inv	BOBJ1	72.5	Before	Right Exterior Girder	72.5	0.95	1	1	3.267263
HL93_str_inv	BOBJ1	72.5	After	Left Exterior Girder	72.5	0.95	1	1	4.654195
HL93_str_inv	BOBJ1	72.5	After	Right Exterior Girder	72.5	0.95	1	1	4.662797
HL93_str_inv	BOBJ1	80	Before	Left Exterior Girder	80	0.95	1	1	4.57373
HL93_str_inv	BOBJ1	80	Before	Interior Girder 1	80	0.95	1	1	2.958349
HL93_str_inv	BOBJ1	80	Before	Interior Girder 2	80	0.95	1	1	2.788677
HL93_str_inv	BOBJ1	80	Before	Interior Girder 3	80	0.95	1	1	2.362926
HL93_str_inv	BOBJ1	80	Before	Interior Girder 4	80	0.95	1	1	2.374414
HL93_str_inv	BOBJ1	80	Before	Interior Girder 5	80	0.95	1	1	2.77111
HL93_str_inv	BOBJ1	80	Before	Interior Girder 6	80	0.95	1	1	2.976816
HL93_str_inv	BOBJ1	80	Before	Right Exterior Girder	80	0.95	1	1	4.582183
HL93_str_inv	BOBJ1	80	After	Left Exterior Girder	0	0.95	1	1	5.191124
HL93_str_inv	BOBJ1	80	After	Interior Girder 1	0	0.95	1	1	3.202878
HL93_str_inv	BOBJ1	80	After	Interior Girder 2	0	0.95	1	1	3.036819
HL93_str_inv	BOBJ1	80	After	Interior Girder 3	0	0.95	1	1	2.567655
HL93_str_inv	BOBJ1	80	After	Interior Girder 4	0	0.95	1	1	2.580549
HL93_str_inv	BOBJ1	80	After	Interior Girder 5	0	0.95	1	1	3.017286
HL93_str_inv	BOBJ1	80	After	Interior Girder 6	0	0.95	1	1	3.223237
HL93_str_inv	BOBJ1	80	After	Right Exterior Girder	0	0.95	1	1	5.200926

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Approach, Span 4-6									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
HL93_str_inv	BOBJ1	87.5	Before	Left Exterior Girder	7.5	0.95	1	1	5.27828
HL93_str_inv	BOBJ1	87.5	Before	Right Exterior Girder	7.5	0.95	1	1	5.288246
HL93_str_inv	BOBJ1	87.5	After	Left Exterior Girder	7.5	0.95	1	1	4.097349
HL93_str_inv	BOBJ1	87.5	After	Right Exterior Girder	7.5	0.95	1	1	4.105733
HL93_str_inv	BOBJ1	88	Before	Left Exterior Girder	8	0.95	1	1	4.101378
HL93_str_inv	BOBJ1	88	Before	Interior Girder 1	8	0.95	1	1	3.794071
HL93_str_inv	BOBJ1	88	Before	Interior Girder 2	8	0.95	1	1	3.117797
HL93_str_inv	BOBJ1	88	Before	Interior Girder 3	8	0.95	1	1	2.638588
HL93_str_inv	BOBJ1	88	Before	Interior Girder 4	8	0.95	1	1	2.651838
HL93_str_inv	BOBJ1	88	Before	Interior Girder 5	8	0.95	1	1	3.097744
HL93_str_inv	BOBJ1	88	Before	Interior Girder 6	8	0.95	1	1	3.819084
HL93_str_inv	BOBJ1	88	Before	Right Exterior Girder	8	0.95	1	1	4.10977
HL93_str_inv	BOBJ1	88	After	Left Exterior Girder	8	0.95	1	1	4.362982
HL93_str_inv	BOBJ1	88	After	Interior Girder 1	8	0.95	1	1	3.632139
HL93_str_inv	BOBJ1	88	After	Interior Girder 2	8	0.95	1	1	3.446871
HL93_str_inv	BOBJ1	88	After	Interior Girder 3	8	0.95	1	1	2.990004
HL93_str_inv	BOBJ1	88	After	Interior Girder 4	8	0.95	1	1	3.002592
HL93_str_inv	BOBJ1	88	After	Interior Girder 5	8	0.95	1	1	3.432607
HL93_str_inv	BOBJ1	88	After	Interior Girder 6	8	0.95	1	1	3.640034
HL93_str_inv	BOBJ1	88	After	Right Exterior Girder	8	0.95	1	1	4.373351
HL93_str_inv	BOBJ1	91	Before	Interior Girder 1	11	0.95	1	1	3.667908
HL93_str_inv	BOBJ1	91	Before	Interior Girder 2	11	0.95	1	1	3.480331
HL93_str_inv	BOBJ1	91	Before	Interior Girder 3	11	0.95	1	1	3.019886
HL93_str_inv	BOBJ1	91	Before	Interior Girder 4	11	0.95	1	1	3.0326
HL93_str_inv	BOBJ1	91	Before	Interior Girder 5	11	0.95	1	1	3.465929
HL93_str_inv	BOBJ1	91	Before	Interior Girder 6	11	0.95	1	1	3.67588
HL93_str_inv	BOBJ1	91	After	Interior Girder 1	11	0.95	1	1	4.374937
HL93_str_inv	BOBJ1	91	After	Interior Girder 2	11	0.95	1	1	4.040458
HL93_str_inv	BOBJ1	91	After	Interior Girder 3	11	0.95	1	1	3.633727
HL93_str_inv	BOBJ1	91	After	Interior Girder 4	11	0.95	1	1	3.639584
HL93_str_inv	BOBJ1	91	After	Interior Girder 5	11	0.95	1	1	4.041114
HL93_str_inv	BOBJ1	91	After	Interior Girder 6	11	0.95	1	1	4.372241
HL93_str_inv	BOBJ1	96	Before	Left Exterior Girder	16	0.95	1	1	6.00438
HL93_str_inv	BOBJ1	96	Before	Interior Girder 1	16	0.95	1	1	4.437979
HL93_str_inv	BOBJ1	96	Before	Interior Girder 2	16	0.95	1	1	4.097924
HL93_str_inv	BOBJ1	96	Before	Interior Girder 3	16	0.95	1	1	3.686762
HL93_str_inv	BOBJ1	96	Before	Interior Girder 4	16	0.95	1	1	3.692704
HL93_str_inv	BOBJ1	96	Before	Interior Girder 5	16	0.95	1	1	4.09859
HL93_str_inv	BOBJ1	96	Before	Interior Girder 6	16	0.95	1	1	4.435244
HL93_str_inv	BOBJ1	96	Before	Right Exterior Girder	16	0.95	1	1	6.019137
HL93_str_inv	BOBJ1	96	After	Left Exterior Girder	16	0.95	1	1	5.978798
HL93_str_inv	BOBJ1	96	After	Interior Girder 1	16	0.95	1	1	4.672561
HL93_str_inv	BOBJ1	96	After	Interior Girder 2	16	0.95	1	1	4.449874
HL93_str_inv	BOBJ1	96	After	Interior Girder 3	16	0.95	1	1	4.216951
HL93_str_inv	BOBJ1	96	After	Interior Girder 4	16	0.95	1	1	4.249438
HL93_str_inv	BOBJ1	96	After	Interior Girder 5	16	0.95	1	1	4.438838
HL93_str_inv	BOBJ1	96	After	Interior Girder 6	16	0.95	1	1	4.701091
HL93_str_inv	BOBJ1	96	After	Right Exterior Girder	16	0.95	1	1	5.990835
HL93_str_inv	BOBJ1	104	Before	Left Exterior Girder	24	0.95	1	1	6.078798
HL93_str_inv	BOBJ1	104	Before	Interior Girder 1	24	0.95	1	1	4.778302
HL93_str_inv	BOBJ1	104	Before	Interior Girder 2	24	0.95	1	1	4.550211
HL93_str_inv	BOBJ1	104	Before	Interior Girder 3	24	0.95	1	1	4.312023
HL93_str_inv	BOBJ1	104	Before	Interior Girder 4	24	0.95	1	1	4.345242
HL93_str_inv	BOBJ1	104	Before	Interior Girder 5	24	0.95	1	1	4.538925
HL93_str_inv	BOBJ1	104	Before	Interior Girder 6	24	0.95	1	1	4.807477
HL93_str_inv	BOBJ1	104	Before	Right Exterior Girder	24	0.95	1	1	6.091037
HL93_str_inv	BOBJ1	104	After	Left Exterior Girder	24	0.95	1	1	7.066983
HL93_str_inv	BOBJ1	104	After	Interior Girder 1	24	0.95	1	1	6.681271
HL93_str_inv	BOBJ1	104	After	Interior Girder 2	24	0.95	1	1	6.162738
HL93_str_inv	BOBJ1	104	After	Interior Girder 3	24	0.95	1	1	6.159355
HL93_str_inv	BOBJ1	104	After	Interior Girder 4	24	0.95	1	1	6.189259
HL93_str_inv	BOBJ1	104	After	Interior Girder 5	24	0.95	1	1	6.188591
HL93_str_inv	BOBJ1	104	After	Interior Girder 6	24	0.95	1	1	6.68229
HL93_str_inv	BOBJ1	104	After	Right Exterior Girder	24	0.95	1	1	7.086067
HL93_str_inv	BOBJ1	112	Before	Left Exterior Girder	32	0.95	1	1	7.179599

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Approach, Span 4-6									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
HL93_str_inv	BOBJ1	112	Before	Interior Girder 1	32	0.95	1	1	6.828247
HL93_str_inv	BOBJ1	112	Before	Interior Girder 2	32	0.95	1	1	6.297531
HL93_str_inv	BOBJ1	112	Before	Interior Girder 3	32	0.95	1	1	6.293973
HL93_str_inv	BOBJ1	112	Before	Interior Girder 4	32	0.95	1	1	6.324531
HL93_str_inv	BOBJ1	112	Before	Interior Girder 5	32	0.95	1	1	6.323949
HL93_str_inv	BOBJ1	112	Before	Interior Girder 6	32	0.95	1	1	6.829288
HL93_str_inv	BOBJ1	112	Before	Right Exterior Girder	32	0.95	1	1	7.198986
HL93_str_inv	BOBJ1	112	After	Left Exterior Girder	32	0.95	1	1	12.596138
HL93_str_inv	BOBJ1	112	After	Interior Girder 1	32	0.95	1	1	7.16334
HL93_str_inv	BOBJ1	112	After	Interior Girder 2	32	0.95	1	1	6.684937
HL93_str_inv	BOBJ1	112	After	Interior Girder 3	32	0.95	1	1	5.942592
HL93_str_inv	BOBJ1	112	After	Interior Girder 4	32	0.95	1	1	6.033086
HL93_str_inv	BOBJ1	112	After	Interior Girder 5	32	0.95	1	1	6.67379
HL93_str_inv	BOBJ1	112	After	Interior Girder 6	32	0.95	1	1	7.193223
HL93_str_inv	BOBJ1	112	After	Right Exterior Girder	32	0.95	1	1	12.596138
HL93_str_inv	BOBJ1	120	Before	Left Exterior Girder	40	0.95	1	1	12.789052
HL93_str_inv	BOBJ1	120	Before	Interior Girder 1	40	0.95	1	1	7.315107
HL93_str_inv	BOBJ1	120	Before	Interior Girder 2	40	0.95	1	1	6.826715
HL93_str_inv	BOBJ1	120	Before	Interior Girder 3	40	0.95	1	1	6.068557
HL93_str_inv	BOBJ1	120	Before	Interior Girder 4	40	0.95	1	1	6.160969
HL93_str_inv	BOBJ1	120	Before	Interior Girder 5	40	0.95	1	1	6.815331
HL93_str_inv	BOBJ1	120	Before	Interior Girder 6	40	0.95	1	1	7.345624
HL93_str_inv	BOBJ1	120	Before	Right Exterior Girder	40	0.95	1	1	12.789052
HL93_str_inv	BOBJ1	120	After	Left Exterior Girder	40	0.95	1	1	13.189725
HL93_str_inv	BOBJ1	120	After	Interior Girder 1	40	0.95	1	1	7.375187
HL93_str_inv	BOBJ1	120	After	Interior Girder 2	40	0.95	1	1	6.884025
HL93_str_inv	BOBJ1	120	After	Interior Girder 3	40	0.95	1	1	6.112678
HL93_str_inv	BOBJ1	120	After	Interior Girder 4	40	0.95	1	1	6.206639
HL93_str_inv	BOBJ1	120	After	Interior Girder 5	40	0.95	1	1	6.872667
HL93_str_inv	BOBJ1	120	After	Interior Girder 6	40	0.95	1	1	7.404743
HL93_str_inv	BOBJ1	120	After	Right Exterior Girder	40	0.95	1	1	13.212922
HL93_str_inv	BOBJ1	128	Before	Left Exterior Girder	48	0.95	1	1	12.991208
HL93_str_inv	BOBJ1	128	Before	Interior Girder 1	48	0.95	1	1	7.2223
HL93_str_inv	BOBJ1	128	Before	Interior Girder 2	48	0.95	1	1	6.741165
HL93_str_inv	BOBJ1	128	Before	Interior Girder 3	48	0.95	1	1	5.985867
HL93_str_inv	BOBJ1	128	Before	Interior Girder 4	48	0.95	1	1	6.077878
HL93_str_inv	BOBJ1	128	Before	Interior Girder 5	48	0.95	1	1	6.730043
HL93_str_inv	BOBJ1	128	Before	Interior Girder 6	48	0.95	1	1	7.251243
HL93_str_inv	BOBJ1	128	Before	Right Exterior Girder	48	0.95	1	1	13.014056
HL93_str_inv	BOBJ1	128	After	Left Exterior Girder	48	0.95	1	1	7.371511
HL93_str_inv	BOBJ1	128	After	Interior Girder 1	48	0.95	1	1	6.902396
HL93_str_inv	BOBJ1	128	After	Interior Girder 2	48	0.95	1	1	6.367031
HL93_str_inv	BOBJ1	128	After	Interior Girder 3	48	0.95	1	1	6.373986
HL93_str_inv	BOBJ1	128	After	Interior Girder 4	48	0.95	1	1	6.405425
HL93_str_inv	BOBJ1	128	After	Interior Girder 5	48	0.95	1	1	6.394191
HL93_str_inv	BOBJ1	128	After	Interior Girder 6	48	0.95	1	1	6.903729
HL93_str_inv	BOBJ1	128	After	Right Exterior Girder	48	0.95	1	1	7.391443
HL93_str_inv	BOBJ1	136	Before	Left Exterior Girder	56	0.95	1	1	7.256192
HL93_str_inv	BOBJ1	136	Before	Interior Girder 1	56	0.95	1	1	6.753913
HL93_str_inv	BOBJ1	136	Before	Interior Girder 2	56	0.95	1	1	6.230805
HL93_str_inv	BOBJ1	136	Before	Interior Girder 3	56	0.95	1	1	6.237774
HL93_str_inv	BOBJ1	136	Before	Interior Girder 4	56	0.95	1	1	6.268541
HL93_str_inv	BOBJ1	136	Before	Interior Girder 5	56	0.95	1	1	6.257383
HL93_str_inv	BOBJ1	136	Before	Interior Girder 6	56	0.95	1	1	6.755217
HL93_str_inv	BOBJ1	136	Before	Right Exterior Girder	56	0.95	1	1	7.275813
HL93_str_inv	BOBJ1	136	After	Left Exterior Girder	56	0.95	1	1	6.226506
HL93_str_inv	BOBJ1	136	After	Interior Girder 1	56	0.95	1	1	4.819138
HL93_str_inv	BOBJ1	136	After	Interior Girder 2	56	0.95	1	1	4.589842
HL93_str_inv	BOBJ1	136	After	Interior Girder 3	56	0.95	1	1	4.357615
HL93_str_inv	BOBJ1	136	After	Interior Girder 4	56	0.95	1	1	4.39153
HL93_str_inv	BOBJ1	136	After	Interior Girder 5	56	0.95	1	1	4.578753
HL93_str_inv	BOBJ1	136	After	Interior Girder 6	56	0.95	1	1	4.848772
HL93_str_inv	BOBJ1	136	After	Right Exterior Girder	56	0.95	1	1	6.238965
HL93_str_inv	BOBJ1	144	Before	Left Exterior Girder	64	0.95	1	1	6.124377
HL93_str_inv	BOBJ1	144	Before	Interior Girder 1	64	0.95	1	1	4.712548

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Approach, Span 4-6									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
HL93_str_inv	BOBJ1	144	Before	Interior Girder 2	64	0.95	1	1	4.488659
HL93_str_inv	BOBJ1	144	Before	Interior Girder 3	64	0.95	1	1	4.261632
HL93_str_inv	BOBJ1	144	Before	Interior Girder 4	64	0.95	1	1	4.2948
HL93_str_inv	BOBJ1	144	Before	Interior Girder 5	64	0.95	1	1	4.477815
HL93_str_inv	BOBJ1	144	Before	Interior Girder 6	64	0.95	1	1	4.741526
HL93_str_inv	BOBJ1	144	Before	Right Exterior Girder	64	0.95	1	1	6.136631
HL93_str_inv	BOBJ1	144	After	Left Exterior Girder	64	0.95	1	1	5.678934
HL93_str_inv	BOBJ1	144	After	Interior Girder 1	64	0.95	1	1	4.463348
HL93_str_inv	BOBJ1	144	After	Interior Girder 2	64	0.95	1	1	4.120964
HL93_str_inv	BOBJ1	144	After	Interior Girder 3	64	0.95	1	1	3.735819
HL93_str_inv	BOBJ1	144	After	Interior Girder 4	64	0.95	1	1	3.741702
HL93_str_inv	BOBJ1	144	After	Interior Girder 5	64	0.95	1	1	4.122347
HL93_str_inv	BOBJ1	144	After	Interior Girder 6	64	0.95	1	1	4.461968
HL93_str_inv	BOBJ1	144	After	Right Exterior Girder	64	0.95	1	1	5.692789
HL93_str_inv	BOBJ1	150	Before	Interior Girder 1	70	0.95	1	1	4.387225
HL93_str_inv	BOBJ1	150	Before	Interior Girder 2	70	0.95	1	1	4.051529
HL93_str_inv	BOBJ1	150	Before	Interior Girder 3	70	0.95	1	1	3.671421
HL93_str_inv	BOBJ1	150	Before	Interior Girder 4	70	0.95	1	1	3.677203
HL93_str_inv	BOBJ1	150	Before	Interior Girder 5	70	0.95	1	1	4.052889
HL93_str_inv	BOBJ1	150	Before	Interior Girder 6	70	0.95	1	1	4.385868
HL93_str_inv	BOBJ1	150	After	Interior Girder 1	70	0.95	1	1	3.423709
HL93_str_inv	BOBJ1	150	After	Interior Girder 2	70	0.95	1	1	3.375439
HL93_str_inv	BOBJ1	150	After	Interior Girder 3	70	0.95	1	1	2.914455
HL93_str_inv	BOBJ1	150	After	Interior Girder 4	70	0.95	1	1	2.929862
HL93_str_inv	BOBJ1	150	After	Interior Girder 5	70	0.95	1	1	3.361318
HL93_str_inv	BOBJ1	150	After	Interior Girder 6	70	0.95	1	1	3.431727
HL93_str_inv	BOBJ1	152	Before	Left Exterior Girder	72	0.95	1	1	5.586612
HL93_str_inv	BOBJ1	152	Before	Interior Girder 1	72	0.95	1	1	3.401492
HL93_str_inv	BOBJ1	152	Before	Interior Girder 2	72	0.95	1	1	3.353991
HL93_str_inv	BOBJ1	152	Before	Interior Girder 3	72	0.95	1	1	2.895425
HL93_str_inv	BOBJ1	152	Before	Interior Girder 4	72	0.95	1	1	2.910732
HL93_str_inv	BOBJ1	152	Before	Interior Girder 5	72	0.95	1	1	3.33996
HL93_str_inv	BOBJ1	152	Before	Interior Girder 6	72	0.95	1	1	3.409457
HL93_str_inv	BOBJ1	152	Before	Right Exterior Girder	72	0.95	1	1	5.600756
HL93_str_inv	BOBJ1	152	After	Left Exterior Girder	72	0.95	1	1	4.884952
HL93_str_inv	BOBJ1	152	After	Interior Girder 1	72	0.95	1	1	3.076171
HL93_str_inv	BOBJ1	152	After	Interior Girder 2	72	0.95	1	1	3.128453
HL93_str_inv	BOBJ1	152	After	Interior Girder 3	72	0.95	1	1	2.66311
HL93_str_inv	BOBJ1	152	After	Interior Girder 4	72	0.95	1	1	2.676609
HL93_str_inv	BOBJ1	152	After	Interior Girder 5	72	0.95	1	1	3.108274
HL93_str_inv	BOBJ1	152	After	Interior Girder 6	72	0.95	1	1	3.094102
HL93_str_inv	BOBJ1	152	After	Right Exterior Girder	72	0.95	1	1	4.894961
HL93_str_inv	BOBJ1	154	Before	Left Exterior Girder	74	0.95	1	1	4.865349
HL93_str_inv	BOBJ1	154	Before	Right Exterior Girder	74	0.95	1	1	4.875319
HL93_str_inv	BOBJ1	154	After	Left Exterior Girder	74	0.95	1	1	4.925459
HL93_str_inv	BOBJ1	154	After	Right Exterior Girder	74	0.95	1	1	4.934522
HL93_str_inv	BOBJ1	160	Before	Left Exterior Girder	80	0.95	1	1	4.858319
HL93_str_inv	BOBJ1	160	Before	Interior Girder 1	80	0.95	1	1	3.218453
HL93_str_inv	BOBJ1	160	Before	Interior Girder 2	80	0.95	1	1	3.048161
HL93_str_inv	BOBJ1	160	Before	Interior Girder 3	80	0.95	1	1	2.592582
HL93_str_inv	BOBJ1	160	Before	Interior Girder 4	80	0.95	1	1	2.605724
HL93_str_inv	BOBJ1	160	Before	Interior Girder 5	80	0.95	1	1	3.028499
HL93_str_inv	BOBJ1	160	Before	Interior Girder 6	80	0.95	1	1	3.239304
HL93_str_inv	BOBJ1	160	Before	Right Exterior Girder	80	0.95	1	1	4.867258
HL93_str_inv	BOBJ1	160	After	Left Exterior Girder	0	0.95	1	1	4.268421
HL93_str_inv	BOBJ1	160	After	Interior Girder 1	0	0.95	1	1	2.965136
HL93_str_inv	BOBJ1	160	After	Interior Girder 2	0	0.95	1	1	2.794374
HL93_str_inv	BOBJ1	160	After	Interior Girder 3	0	0.95	1	1	2.381907
HL93_str_inv	BOBJ1	160	After	Interior Girder 4	0	0.95	1	1	2.393619
HL93_str_inv	BOBJ1	160	After	Interior Girder 5	0	0.95	1	1	2.776862
HL93_str_inv	BOBJ1	160	After	Interior Girder 6	0	0.95	1	1	2.983828
HL93_str_inv	BOBJ1	160	After	Right Exterior Girder	0	0.95	1	1	4.275828
HL93_str_inv	BOBJ1	166	Before	Left Exterior Girder	6	0.95	1	1	4.330213
HL93_str_inv	BOBJ1	166	Before	Right Exterior Girder	6	0.95	1	1	4.337727
HL93_str_inv	BOBJ1	166	After	Left Exterior Girder	6	0.95	1	1	4.123208

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Approach, Span 4-6									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
HL93_str_inv	BOBJ1	166	After	Right Exterior Girder	6	0.95	1	1	4.131139
HL93_str_inv	BOBJ1	168	Before	Left Exterior Girder	8	0.95	1	1	4.140731
HL93_str_inv	BOBJ1	168	Before	Interior Girder 1	8	0.95	1	1	2.892279
HL93_str_inv	BOBJ1	168	Before	Interior Girder 2	8	0.95	1	1	2.871252
HL93_str_inv	BOBJ1	168	Before	Interior Girder 3	8	0.95	1	1	2.449836
HL93_str_inv	BOBJ1	168	Before	Interior Girder 4	8	0.95	1	1	2.461882
HL93_str_inv	BOBJ1	168	Before	Interior Girder 5	8	0.95	1	1	2.853259
HL93_str_inv	BOBJ1	168	Before	Interior Girder 6	8	0.95	1	1	2.90891
HL93_str_inv	BOBJ1	168	Before	Right Exterior Girder	8	0.95	1	1	4.148695
HL93_str_inv	BOBJ1	168	After	Left Exterior Girder	8	0.95	1	1	4.71308
HL93_str_inv	BOBJ1	168	After	Interior Girder 1	8	0.95	1	1	3.098691
HL93_str_inv	BOBJ1	168	After	Interior Girder 2	8	0.95	1	1	3.056635
HL93_str_inv	BOBJ1	168	After	Interior Girder 3	8	0.95	1	1	2.641632
HL93_str_inv	BOBJ1	168	After	Interior Girder 4	8	0.95	1	1	2.655479
HL93_str_inv	BOBJ1	168	After	Interior Girder 5	8	0.95	1	1	3.044109
HL93_str_inv	BOBJ1	168	After	Interior Girder 6	8	0.95	1	1	3.105752
HL93_str_inv	BOBJ1	168	After	Right Exterior Girder	8	0.95	1	1	4.723388
HL93_str_inv	BOBJ1	170	Before	Interior Girder 1	10	0.95	1	1	3.119916
HL93_str_inv	BOBJ1	170	Before	Interior Girder 2	10	0.95	1	1	3.077023
HL93_str_inv	BOBJ1	170	Before	Interior Girder 3	10	0.95	1	1	2.659802
HL93_str_inv	BOBJ1	170	Before	Interior Girder 4	10	0.95	1	1	2.673745
HL93_str_inv	BOBJ1	170	Before	Interior Girder 5	10	0.95	1	1	3.064414
HL93_str_inv	BOBJ1	170	Before	Interior Girder 6	10	0.95	1	1	3.127025
HL93_str_inv	BOBJ1	170	After	Interior Girder 1	10	0.95	1	1	3.941998
HL93_str_inv	BOBJ1	170	After	Interior Girder 2	10	0.95	1	1	3.625161
HL93_str_inv	BOBJ1	170	After	Interior Girder 3	10	0.95	1	1	3.290413
HL93_str_inv	BOBJ1	170	After	Interior Girder 4	10	0.95	1	1	3.2961
HL93_str_inv	BOBJ1	170	After	Interior Girder 5	10	0.95	1	1	3.625681
HL93_str_inv	BOBJ1	170	After	Interior Girder 6	10	0.95	1	1	3.940842
HL93_str_inv	BOBJ1	176	Before	Left Exterior Girder	16	0.95	1	1	4.825736
HL93_str_inv	BOBJ1	176	Before	Interior Girder 1	16	0.95	1	1	4.013397
HL93_str_inv	BOBJ1	176	Before	Interior Girder 2	16	0.95	1	1	3.689937
HL93_str_inv	BOBJ1	176	Before	Interior Girder 3	16	0.95	1	1	3.350771
HL93_str_inv	BOBJ1	176	Before	Interior Girder 4	16	0.95	1	1	3.356562
HL93_str_inv	BOBJ1	176	Before	Interior Girder 5	16	0.95	1	1	3.690467
HL93_str_inv	BOBJ1	176	Before	Interior Girder 6	16	0.95	1	1	4.01222
HL93_str_inv	BOBJ1	176	Before	Right Exterior Girder	16	0.95	1	1	4.836831
HL93_str_inv	BOBJ1	176	After	Left Exterior Girder	16	0.95	1	1	6.827014
HL93_str_inv	BOBJ1	176	After	Interior Girder 1	16	0.95	1	1	3.710075
HL93_str_inv	BOBJ1	176	After	Interior Girder 2	16	0.95	1	1	3.602755
HL93_str_inv	BOBJ1	176	After	Interior Girder 3	16	0.95	1	1	3.348637
HL93_str_inv	BOBJ1	176	After	Interior Girder 4	16	0.95	1	1	3.385362
HL93_str_inv	BOBJ1	176	After	Interior Girder 5	16	0.95	1	1	3.585704
HL93_str_inv	BOBJ1	176	After	Interior Girder 6	16	0.95	1	1	3.731615
HL93_str_inv	BOBJ1	176	After	Right Exterior Girder	16	0.95	1	1	6.839531
HL93_str_inv	BOBJ1	181	Before	Interior Girder 1	21	0.95	1	1	3.765109
HL93_str_inv	BOBJ1	181	Before	Interior Girder 2	21	0.95	1	1	3.655704
HL93_str_inv	BOBJ1	181	Before	Interior Girder 3	21	0.95	1	1	3.397854
HL93_str_inv	BOBJ1	181	Before	Interior Girder 4	21	0.95	1	1	3.435118
HL93_str_inv	BOBJ1	181	Before	Interior Girder 5	21	0.95	1	1	3.638402
HL93_str_inv	BOBJ1	181	Before	Interior Girder 6	21	0.95	1	1	3.786968
HL93_str_inv	BOBJ1	181	After	Interior Girder 1	21	0.95	1	1	5.121944
HL93_str_inv	BOBJ1	181	After	Interior Girder 2	21	0.95	1	1	4.97398
HL93_str_inv	BOBJ1	181	After	Interior Girder 3	21	0.95	1	1	4.71778
HL93_str_inv	BOBJ1	181	After	Interior Girder 4	21	0.95	1	1	4.751058
HL93_str_inv	BOBJ1	181	After	Interior Girder 5	21	0.95	1	1	4.952028
HL93_str_inv	BOBJ1	181	After	Interior Girder 6	21	0.95	1	1	5.138311
HL93_str_inv	BOBJ1	184	Before	Left Exterior Girder	24	0.95	1	1	6.907024
HL93_str_inv	BOBJ1	184	Before	Interior Girder 1	24	0.95	1	1	5.161852
HL93_str_inv	BOBJ1	184	Before	Interior Girder 2	24	0.95	1	1	5.012294
HL93_str_inv	BOBJ1	184	Before	Interior Girder 3	24	0.95	1	1	4.754089
HL93_str_inv	BOBJ1	184	Before	Interior Girder 4	24	0.95	1	1	4.787623
HL93_str_inv	BOBJ1	184	Before	Interior Girder 5	24	0.95	1	1	4.990173
HL93_str_inv	BOBJ1	184	Before	Interior Girder 6	24	0.95	1	1	5.178346
HL93_str_inv	BOBJ1	184	Before	Right Exterior Girder	24	0.95	1	1	6.920663

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Approach, Span 4-6									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
HL93_str_inv	BOBJ1	184	After	Left Exterior Girder	24	0.95	1	1	7.709584
HL93_str_inv	BOBJ1	184	After	Interior Girder 1	24	0.95	1	1	6.799158
HL93_str_inv	BOBJ1	184	After	Interior Girder 2	24	0.95	1	1	6.426758
HL93_str_inv	BOBJ1	184	After	Interior Girder 3	24	0.95	1	1	6.451014
HL93_str_inv	BOBJ1	184	After	Interior Girder 4	24	0.95	1	1	6.48086
HL93_str_inv	BOBJ1	184	After	Interior Girder 5	24	0.95	1	1	6.449225
HL93_str_inv	BOBJ1	184	After	Interior Girder 6	24	0.95	1	1	6.798794
HL93_str_inv	BOBJ1	184	After	Right Exterior Girder	24	0.95	1	1	7.728598
HL93_str_inv	BOBJ1	192	Before	Left Exterior Girder	32	0.95	1	1	7.824589
HL93_str_inv	BOBJ1	192	Before	Interior Girder 1	32	0.95	1	1	6.93831
HL93_str_inv	BOBJ1	192	Before	Interior Girder 2	32	0.95	1	1	6.557147
HL93_str_inv	BOBJ1	192	Before	Interior Girder 3	32	0.95	1	1	6.581748
HL93_str_inv	BOBJ1	192	Before	Interior Girder 4	32	0.95	1	1	6.612199
HL93_str_inv	BOBJ1	192	Before	Interior Girder 5	32	0.95	1	1	6.580069
HL93_str_inv	BOBJ1	192	Before	Interior Girder 6	32	0.95	1	1	6.93794
HL93_str_inv	BOBJ1	192	Before	Right Exterior Girder	32	0.95	1	1	7.843886
HL93_str_inv	BOBJ1	192	After	Left Exterior Girder	32	0.95	1	1	12.62801
HL93_str_inv	BOBJ1	192	After	Interior Girder 1	32	0.95	1	1	7.371963
HL93_str_inv	BOBJ1	192	After	Interior Girder 2	32	0.95	1	1	6.903743
HL93_str_inv	BOBJ1	192	After	Interior Girder 3	32	0.95	1	1	6.29796
HL93_str_inv	BOBJ1	192	After	Interior Girder 4	32	0.95	1	1	6.388433
HL93_str_inv	BOBJ1	192	After	Interior Girder 5	32	0.95	1	1	6.89436
HL93_str_inv	BOBJ1	192	After	Interior Girder 6	32	0.95	1	1	7.431601
HL93_str_inv	BOBJ1	192	After	Right Exterior Girder	32	0.95	1	1	12.62801
HL93_str_inv	BOBJ1	200	Before	Left Exterior Girder	40	0.95	1	1	12.810548
HL93_str_inv	BOBJ1	200	Before	Interior Girder 1	40	0.95	1	1	7.517603
HL93_str_inv	BOBJ1	200	Before	Interior Girder 2	40	0.95	1	1	7.040036
HL93_str_inv	BOBJ1	200	Before	Interior Girder 3	40	0.95	1	1	6.421941
HL93_str_inv	BOBJ1	200	Before	Interior Girder 4	40	0.95	1	1	6.514195
HL93_str_inv	BOBJ1	200	Before	Interior Girder 5	40	0.95	1	1	7.030467
HL93_str_inv	BOBJ1	200	Before	Interior Girder 6	40	0.95	1	1	7.578419
HL93_str_inv	BOBJ1	200	Before	Right Exterior Girder	40	0.95	1	1	12.810548
HL93_str_inv	BOBJ1	200	After	Left Exterior Girder	40	0.95	1	1	15.654228
HL93_str_inv	BOBJ1	200	After	Interior Girder 1	40	0.95	1	1	10.757271
HL93_str_inv	BOBJ1	200	After	Interior Girder 2	40	0.95	1	1	9.618725
HL93_str_inv	BOBJ1	200	After	Interior Girder 3	40	0.95	1	1	8.281398
HL93_str_inv	BOBJ1	200	After	Interior Girder 4	40	0.95	1	1	8.428957
HL93_str_inv	BOBJ1	200	After	Interior Girder 5	40	0.95	1	1	9.603156
HL93_str_inv	BOBJ1	200	After	Interior Girder 6	40	0.95	1	1	10.809629
HL93_str_inv	BOBJ1	200	After	Right Exterior Girder	40	0.95	1	1	15.730069
HL93_str_inv	BOBJ1	208	Before	Left Exterior Girder	48	0.95	1	1	15.872255
HL93_str_inv	BOBJ1	208	Before	Interior Girder 1	48	0.95	1	1	10.560374
HL93_str_inv	BOBJ1	208	Before	Interior Girder 2	48	0.95	1	1	9.442236
HL93_str_inv	BOBJ1	208	Before	Interior Girder 3	48	0.95	1	1	8.129139
HL93_str_inv	BOBJ1	208	Before	Interior Girder 4	48	0.95	1	1	8.273986
HL93_str_inv	BOBJ1	208	Before	Interior Girder 5	48	0.95	1	1	9.426953
HL93_str_inv	BOBJ1	208	Before	Interior Girder 6	48	0.95	1	1	10.611774
HL93_str_inv	BOBJ1	208	Before	Right Exterior Girder	48	0.95	1	1	15.949153
HL93_str_inv	BOBJ1	208	After	Left Exterior Girder	48	0.95	1	1	12.940299
HL93_str_inv	BOBJ1	208	After	Interior Girder 1	48	0.95	1	1	10.491989
HL93_str_inv	BOBJ1	208	After	Interior Girder 2	48	0.95	1	1	9.650589
HL93_str_inv	BOBJ1	208	After	Interior Girder 3	48	0.95	1	1	8.935101
HL93_str_inv	BOBJ1	208	After	Interior Girder 4	48	0.95	1	1	9.111237
HL93_str_inv	BOBJ1	208	After	Interior Girder 5	48	0.95	1	1	9.7046
HL93_str_inv	BOBJ1	208	After	Interior Girder 6	48	0.95	1	1	10.502057
HL93_str_inv	BOBJ1	208	After	Right Exterior Girder	48	0.95	1	1	12.973781
HL93_str_inv	BOBJ1	216	Before	Left Exterior Girder	56	0.95	1	1	12.762394
HL93_str_inv	BOBJ1	216	Before	Interior Girder 1	56	0.95	1	1	10.293459
HL93_str_inv	BOBJ1	216	Before	Interior Girder 2	56	0.95	1	1	9.468515
HL93_str_inv	BOBJ1	216	Before	Interior Girder 3	56	0.95	1	1	9.10205
HL93_str_inv	BOBJ1	216	Before	Interior Girder 4	56	0.95	1	1	9.281478
HL93_str_inv	BOBJ1	216	Before	Interior Girder 5	56	0.95	1	1	9.521507
HL93_str_inv	BOBJ1	216	Before	Interior Girder 6	56	0.95	1	1	10.303336
HL93_str_inv	BOBJ1	216	Before	Right Exterior Girder	56	0.95	1	1	12.795415
HL93_str_inv	BOBJ1	216	After	Left Exterior Girder	56	0.95	1	1	10.834711

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Approach, Span 4-6									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
HL93_str_inv	BOBJ1	216	After	Interior Girder 1	56	0.95	1	1	7.129447
HL93_str_inv	BOBJ1	216	After	Interior Girder 2	56	0.95	1	1	6.778628
HL93_str_inv	BOBJ1	216	After	Interior Girder 3	56	0.95	1	1	6.272353
HL93_str_inv	BOBJ1	216	After	Interior Girder 4	56	0.95	1	1	6.360319
HL93_str_inv	BOBJ1	216	After	Interior Girder 5	56	0.95	1	1	6.768574
HL93_str_inv	BOBJ1	216	After	Interior Girder 6	56	0.95	1	1	7.183869
HL93_str_inv	BOBJ1	216	After	Right Exterior Girder	56	0.95	1	1	10.852867
HL93_str_inv	BOBJ1	224	Before	Left Exterior Girder	64	0.95	1	1	10.680169
HL93_str_inv	BOBJ1	224	Before	Interior Girder 1	64	0.95	1	1	6.991237
HL93_str_inv	BOBJ1	224	Before	Interior Girder 2	64	0.95	1	1	6.647357
HL93_str_inv	BOBJ1	224	Before	Interior Girder 3	64	0.95	1	1	6.150934
HL93_str_inv	BOBJ1	224	Before	Interior Girder 4	64	0.95	1	1	6.237197
HL93_str_inv	BOBJ1	224	Before	Interior Girder 5	64	0.95	1	1	6.637498
HL93_str_inv	BOBJ1	224	Before	Interior Girder 6	64	0.95	1	1	7.044605
HL93_str_inv	BOBJ1	224	Before	Right Exterior Girder	64	0.95	1	1	10.698066
HL93_str_inv	BOBJ1	224	After	Left Exterior Girder	64	0.95	1	1	7.107341
HL93_str_inv	BOBJ1	224	After	Interior Girder 1	64	0.95	1	1	6.479041
HL93_str_inv	BOBJ1	224	After	Interior Girder 2	64	0.95	1	1	6.111811
HL93_str_inv	BOBJ1	224	After	Interior Girder 3	64	0.95	1	1	5.896776
HL93_str_inv	BOBJ1	224	After	Interior Girder 4	64	0.95	1	1	5.918779
HL93_str_inv	BOBJ1	224	After	Interior Girder 5	64	0.95	1	1	6.125999
HL93_str_inv	BOBJ1	224	After	Interior Girder 6	64	0.95	1	1	6.479076
HL93_str_inv	BOBJ1	224	After	Right Exterior Girder	64	0.95	1	1	7.121492
HL93_str_inv	BOBJ1	232	Before	Left Exterior Girder	72	0.95	1	1	7.002397
HL93_str_inv	BOBJ1	232	Before	Interior Girder 1	72	0.95	1	1	6.349506
HL93_str_inv	BOBJ1	232	Before	Interior Girder 2	72	0.95	1	1	5.990542
HL93_str_inv	BOBJ1	232	Before	Interior Girder 3	72	0.95	1	1	5.779016
HL93_str_inv	BOBJ1	232	Before	Interior Girder 4	72	0.95	1	1	5.800579
HL93_str_inv	BOBJ1	232	Before	Interior Girder 5	72	0.95	1	1	6.004448
HL93_str_inv	BOBJ1	232	Before	Interior Girder 6	72	0.95	1	1	6.34954
HL93_str_inv	BOBJ1	232	Before	Right Exterior Girder	72	0.95	1	1	7.016338
HL93_str_inv	BOBJ1	232	After	Left Exterior Girder	72	0.95	1	1	6.27343
HL93_str_inv	BOBJ1	232	After	Interior Girder 1	72	0.95	1	1	4.597038
HL93_str_inv	BOBJ1	232	After	Interior Girder 2	72	0.95	1	1	4.458134
HL93_str_inv	BOBJ1	232	After	Interior Girder 3	72	0.95	1	1	3.972329
HL93_str_inv	BOBJ1	232	After	Interior Girder 4	72	0.95	1	1	4.009398
HL93_str_inv	BOBJ1	232	After	Interior Girder 5	72	0.95	1	1	4.428604
HL93_str_inv	BOBJ1	232	After	Interior Girder 6	72	0.95	1	1	4.627156
HL93_str_inv	BOBJ1	232	After	Right Exterior Girder	72	0.95	1	1	6.283901
HL93_str_inv	BOBJ1	240	Before	Left Exterior Girder	80	0.95	1	1	6.176902
HL93_str_inv	BOBJ1	240	Before	Interior Girder 1	80	0.95	1	1	4.50287
HL93_str_inv	BOBJ1	240	Before	Interior Girder 2	80	0.95	1	1	4.367351
HL93_str_inv	BOBJ1	240	Before	Interior Girder 3	80	0.95	1	1	3.890712
HL93_str_inv	BOBJ1	240	Before	Interior Girder 4	80	0.95	1	1	3.927019
HL93_str_inv	BOBJ1	240	Before	Interior Girder 5	80	0.95	1	1	4.338422
HL93_str_inv	BOBJ1	240	Before	Interior Girder 6	80	0.95	1	1	4.532371
HL93_str_inv	BOBJ1	240	Before	Right Exterior Girder	80	0.95	1	1	6.187212
HS20_str_opr	BOBJ1	0	After	Left Exterior Girder	0	0.95	1	1	10.324092
HS20_str_opr	BOBJ1	0	After	Interior Girder 1	0	0.95	1	1	8.009527
HS20_str_opr	BOBJ1	0	After	Interior Girder 2	0	0.95	1	1	7.482334
HS20_str_opr	BOBJ1	0	After	Interior Girder 3	0	0.95	1	1	6.886427
HS20_str_opr	BOBJ1	0	After	Interior Girder 4	0	0.95	1	1	6.926835
HS20_str_opr	BOBJ1	0	After	Interior Girder 5	0	0.95	1	1	7.456597
HS20_str_opr	BOBJ1	0	After	Interior Girder 6	0	0.95	1	1	8.041745
HS20_str_opr	BOBJ1	0	After	Right Exterior Girder	0	0.95	1	1	10.338269
HS20_str_opr	BOBJ1	8	Before	Left Exterior Girder	8	0.95	1	1	10.478404
HS20_str_opr	BOBJ1	8	Before	Interior Girder 1	8	0.95	1	1	8.171419
HS20_str_opr	BOBJ1	8	Before	Interior Girder 2	8	0.95	1	1	7.632722
HS20_str_opr	BOBJ1	8	Before	Interior Girder 3	8	0.95	1	1	7.025471
HS20_str_opr	BOBJ1	8	Before	Interior Girder 4	8	0.95	1	1	7.066694
HS20_str_opr	BOBJ1	8	Before	Interior Girder 5	8	0.95	1	1	7.606468
HS20_str_opr	BOBJ1	8	Before	Interior Girder 6	8	0.95	1	1	8.204287
HS20_str_opr	BOBJ1	8	Before	Right Exterior Girder	8	0.95	1	1	10.492792
HS20_str_opr	BOBJ1	8	After	Left Exterior Girder	8	0.95	1	1	11.702473
HS20_str_opr	BOBJ1	8	After	Interior Girder 1	8	0.95	1	1	11.305854

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Approach, Span 4-6									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
HS20_str_opr	BOBJ1	8	After	Interior Girder 2	8	0.95	1	1	10.354821
HS20_str_opr	BOBJ1	8	After	Interior Girder 3	8	0.95	1	1	10.150962
HS20_str_opr	BOBJ1	8	After	Interior Girder 4	8	0.95	1	1	10.164293
HS20_str_opr	BOBJ1	8	After	Interior Girder 5	8	0.95	1	1	10.350399
HS20_str_opr	BOBJ1	8	After	Interior Girder 6	8	0.95	1	1	11.299551
HS20_str_opr	BOBJ1	8	After	Right Exterior Girder	8	0.95	1	1	11.718322
HS20_str_opr	BOBJ1	16	Before	Left Exterior Girder	16	0.95	1	1	11.87073
HS20_str_opr	BOBJ1	16	Before	Interior Girder 1	16	0.95	1	1	11.52881
HS20_str_opr	BOBJ1	16	Before	Interior Girder 2	16	0.95	1	1	10.55769
HS20_str_opr	BOBJ1	16	Before	Interior Girder 3	16	0.95	1	1	10.350341
HS20_str_opr	BOBJ1	16	Before	Interior Girder 4	16	0.95	1	1	10.363934
HS20_str_opr	BOBJ1	16	Before	Interior Girder 5	16	0.95	1	1	10.553181
HS20_str_opr	BOBJ1	16	Before	Interior Girder 6	16	0.95	1	1	11.522382
HS20_str_opr	BOBJ1	16	Before	Right Exterior Girder	16	0.95	1	1	11.886806
HS20_str_opr	BOBJ1	16	After	Left Exterior Girder	16	0.95	1	1	16.301819
HS20_str_opr	BOBJ1	16	After	Interior Girder 1	16	0.95	1	1	12.614094
HS20_str_opr	BOBJ1	16	After	Interior Girder 2	16	0.95	1	1	11.020757
HS20_str_opr	BOBJ1	16	After	Interior Girder 3	16	0.95	1	1	10.068433
HS20_str_opr	BOBJ1	16	After	Interior Girder 4	16	0.95	1	1	10.186253
HS20_str_opr	BOBJ1	16	After	Interior Girder 5	16	0.95	1	1	10.980138
HS20_str_opr	BOBJ1	16	After	Interior Girder 6	16	0.95	1	1	12.679103
HS20_str_opr	BOBJ1	16	After	Right Exterior Girder	16	0.95	1	1	16.322427
HS20_str_opr	BOBJ1	20.5	Before	Left Exterior Girder	20.5	0.95	1	1	16.430369
HS20_str_opr	BOBJ1	20.5	Before	Right Exterior Girder	20.5	0.95	1	1	16.45114
HS20_str_opr	BOBJ1	20.5	After	Left Exterior Girder	20.5	0.95	1	1	17.961811
HS20_str_opr	BOBJ1	20.5	After	Right Exterior Girder	20.5	0.95	1	1	17.988463
HS20_str_opr	BOBJ1	24	Before	Left Exterior Girder	24	0.95	1	1	18.081833
HS20_str_opr	BOBJ1	24	Before	Interior Girder 1	24	0.95	1	1	12.055873
HS20_str_opr	BOBJ1	24	Before	Interior Girder 2	24	0.95	1	1	11.231551
HS20_str_opr	BOBJ1	24	Before	Interior Girder 3	24	0.95	1	1	10.260597
HS20_str_opr	BOBJ1	24	Before	Interior Girder 4	24	0.95	1	1	10.380665
HS20_str_opr	BOBJ1	24	Before	Interior Girder 5	24	0.95	1	1	11.190155
HS20_str_opr	BOBJ1	24	Before	Interior Girder 6	24	0.95	1	1	12.111562
HS20_str_opr	BOBJ1	24	Before	Right Exterior Girder	24	0.95	1	1	18.108663
HS20_str_opr	BOBJ1	24	After	Left Exterior Girder	24	0.95	1	1	20.373048
HS20_str_opr	BOBJ1	24	After	Interior Girder 1	24	0.95	1	1	17.819951
HS20_str_opr	BOBJ1	24	After	Interior Girder 2	24	0.95	1	1	15.712777
HS20_str_opr	BOBJ1	24	After	Interior Girder 3	24	0.95	1	1	13.544951
HS20_str_opr	BOBJ1	24	After	Interior Girder 4	24	0.95	1	1	13.759985
HS20_str_opr	BOBJ1	24	After	Interior Girder 5	24	0.95	1	1	15.706928
HS20_str_opr	BOBJ1	24	After	Interior Girder 6	24	0.95	1	1	17.804562
HS20_str_opr	BOBJ1	24	After	Right Exterior Girder	24	0.95	1	1	20.406574
HS20_str_opr	BOBJ1	32	Before	Left Exterior Girder	32	0.95	1	1	20.677395
HS20_str_opr	BOBJ1	32	Before	Interior Girder 1	32	0.95	1	1	17.984903
HS20_str_opr	BOBJ1	32	Before	Interior Girder 2	32	0.95	1	1	15.923764
HS20_str_opr	BOBJ1	32	Before	Interior Girder 3	32	0.95	1	1	13.303861
HS20_str_opr	BOBJ1	32	Before	Interior Girder 4	32	0.95	1	1	13.515068
HS20_str_opr	BOBJ1	32	Before	Interior Girder 5	32	0.95	1	1	15.818832
HS20_str_opr	BOBJ1	32	Before	Interior Girder 6	32	0.95	1	1	18.003651
HS20_str_opr	BOBJ1	32	Before	Right Exterior Girder	32	0.95	1	1	20.711421
HS20_str_opr	BOBJ1	32	After	Left Exterior Girder	32	0.95	1	1	25.74801
HS20_str_opr	BOBJ1	32	After	Interior Girder 1	32	0.95	1	1	16.487886
HS20_str_opr	BOBJ1	32	After	Interior Girder 2	32	0.95	1	1	14.929515
HS20_str_opr	BOBJ1	32	After	Interior Girder 3	32	0.95	1	1	12.733999
HS20_str_opr	BOBJ1	32	After	Interior Girder 4	32	0.95	1	1	12.919527
HS20_str_opr	BOBJ1	32	After	Interior Girder 5	32	0.95	1	1	14.845661
HS20_str_opr	BOBJ1	32	After	Interior Girder 6	32	0.95	1	1	16.495319
HS20_str_opr	BOBJ1	32	After	Right Exterior Girder	32	0.95	1	1	25.74801
HS20_str_opr	BOBJ1	40	Before	Left Exterior Girder	40	0.95	1	1	25.369043
HS20_str_opr	BOBJ1	40	Before	Interior Girder 1	40	0.95	1	1	16.786764
HS20_str_opr	BOBJ1	40	Before	Interior Girder 2	40	0.95	1	1	15.200083
HS20_str_opr	BOBJ1	40	Before	Interior Girder 3	40	0.95	1	1	12.965084
HS20_str_opr	BOBJ1	40	Before	Interior Girder 4	40	0.95	1	1	13.153978
HS20_str_opr	BOBJ1	40	Before	Interior Girder 5	40	0.95	1	1	15.114709
HS20_str_opr	BOBJ1	40	Before	Interior Girder 6	40	0.95	1	1	16.794333

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Approach, Span 4-6									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
HS20_str_opr	BOBJ1	40	Before	Right Exterior Girder	40	0.95	1	1	25.369043
HS20_str_opr	BOBJ1	40	After	Left Exterior Girder	40	0.95	1	1	20.568801
HS20_str_opr	BOBJ1	40	After	Interior Girder 1	40	0.95	1	1	12.757371
HS20_str_opr	BOBJ1	40	After	Interior Girder 2	40	0.95	1	1	11.474993
HS20_str_opr	BOBJ1	40	After	Interior Girder 3	40	0.95	1	1	10.183753
HS20_str_opr	BOBJ1	40	After	Interior Girder 4	40	0.95	1	1	10.301319
HS20_str_opr	BOBJ1	40	After	Interior Girder 5	40	0.95	1	1	11.42834
HS20_str_opr	BOBJ1	40	After	Interior Girder 6	40	0.95	1	1	12.823471
HS20_str_opr	BOBJ1	40	After	Right Exterior Girder	40	0.95	1	1	20.568801
HS20_str_opr	BOBJ1	46.5	Before	Left Exterior Girder	46.5	0.95	1	1	20.31414
HS20_str_opr	BOBJ1	46.5	Before	Right Exterior Girder	46.5	0.95	1	1	20.31414
HS20_str_opr	BOBJ1	46.5	After	Left Exterior Girder	46.5	0.95	1	1	16.041421
HS20_str_opr	BOBJ1	46.5	After	Right Exterior Girder	46.5	0.95	1	1	16.041421
HS20_str_opr	BOBJ1	48	Before	Left Exterior Girder	48	0.95	1	1	15.998636
HS20_str_opr	BOBJ1	48	Before	Interior Girder 1	48	0.95	1	1	14.679078
HS20_str_opr	BOBJ1	48	Before	Interior Girder 2	48	0.95	1	1	11.259937
HS20_str_opr	BOBJ1	48	Before	Interior Girder 3	48	0.95	1	1	9.993318
HS20_str_opr	BOBJ1	48	Before	Interior Girder 4	48	0.95	1	1	10.108685
HS20_str_opr	BOBJ1	48	Before	Interior Girder 5	48	0.95	1	1	11.214158
HS20_str_opr	BOBJ1	48	Before	Interior Girder 6	48	0.95	1	1	14.72364
HS20_str_opr	BOBJ1	48	Before	Right Exterior Girder	48	0.95	1	1	15.998636
HS20_str_opr	BOBJ1	48	After	Left Exterior Girder	48	0.95	1	1	13.388725
HS20_str_opr	BOBJ1	48	After	Interior Girder 1	48	0.95	1	1	12.199004
HS20_str_opr	BOBJ1	48	After	Interior Girder 2	48	0.95	1	1	11.282688
HS20_str_opr	BOBJ1	48	After	Interior Girder 3	48	0.95	1	1	11.117477
HS20_str_opr	BOBJ1	48	After	Interior Girder 4	48	0.95	1	1	11.143881
HS20_str_opr	BOBJ1	48	After	Interior Girder 5	48	0.95	1	1	11.275777
HS20_str_opr	BOBJ1	48	After	Interior Girder 6	48	0.95	1	1	12.194664
HS20_str_opr	BOBJ1	48	After	Right Exterior Girder	48	0.95	1	1	13.410076
HS20_str_opr	BOBJ1	56	Before	Left Exterior Girder	56	0.95	1	1	13.199129
HS20_str_opr	BOBJ1	56	Before	Interior Girder 1	56	0.95	1	1	11.963204
HS20_str_opr	BOBJ1	56	Before	Interior Girder 2	56	0.95	1	1	11.065852
HS20_str_opr	BOBJ1	56	Before	Interior Girder 3	56	0.95	1	1	10.903889
HS20_str_opr	BOBJ1	56	Before	Interior Girder 4	56	0.95	1	1	10.929786
HS20_str_opr	BOBJ1	56	Before	Interior Girder 5	56	0.95	1	1	11.059073
HS20_str_opr	BOBJ1	56	Before	Interior Girder 6	56	0.95	1	1	11.958948
HS20_str_opr	BOBJ1	56	Before	Right Exterior Girder	56	0.95	1	1	13.220178
HS20_str_opr	BOBJ1	56	After	Left Exterior Girder	56	0.95	1	1	11.810541
HS20_str_opr	BOBJ1	56	After	Interior Girder 1	56	0.95	1	1	8.991314
HS20_str_opr	BOBJ1	56	After	Interior Girder 2	56	0.95	1	1	8.462285
HS20_str_opr	BOBJ1	56	After	Interior Girder 3	56	0.95	1	1	7.838552
HS20_str_opr	BOBJ1	56	After	Interior Girder 4	56	0.95	1	1	7.924449
HS20_str_opr	BOBJ1	56	After	Interior Girder 5	56	0.95	1	1	8.44423
HS20_str_opr	BOBJ1	56	After	Interior Girder 6	56	0.95	1	1	9.012268
HS20_str_opr	BOBJ1	56	After	Right Exterior Girder	56	0.95	1	1	11.826648
HS20_str_opr	BOBJ1	59	Before	Interior Girder 1	59	0.95	1	1	8.924409
HS20_str_opr	BOBJ1	59	Before	Interior Girder 2	59	0.95	1	1	8.399831
HS20_str_opr	BOBJ1	59	Before	Interior Girder 3	59	0.95	1	1	7.780702
HS20_str_opr	BOBJ1	59	Before	Interior Girder 4	59	0.95	1	1	7.865964
HS20_str_opr	BOBJ1	59	Before	Interior Girder 5	59	0.95	1	1	8.38191
HS20_str_opr	BOBJ1	59	Before	Interior Girder 6	59	0.95	1	1	8.945206
HS20_str_opr	BOBJ1	59	After	Interior Girder 1	59	0.95	1	1	6.183476
HS20_str_opr	BOBJ1	59	After	Interior Girder 2	59	0.95	1	1	5.852068
HS20_str_opr	BOBJ1	59	After	Interior Girder 3	59	0.95	1	1	5.274708
HS20_str_opr	BOBJ1	59	After	Interior Girder 4	59	0.95	1	1	5.335692
HS20_str_opr	BOBJ1	59	After	Interior Girder 5	59	0.95	1	1	5.831944
HS20_str_opr	BOBJ1	59	After	Interior Girder 6	59	0.95	1	1	6.210118
HS20_str_opr	BOBJ1	64	Before	Left Exterior Girder	64	0.95	1	1	11.844437
HS20_str_opr	BOBJ1	64	Before	Interior Girder 1	64	0.95	1	1	6.093237
HS20_str_opr	BOBJ1	64	Before	Interior Girder 2	64	0.95	1	1	5.767244
HS20_str_opr	BOBJ1	64	Before	Interior Girder 3	64	0.95	1	1	5.198164
HS20_str_opr	BOBJ1	64	Before	Interior Girder 4	64	0.95	1	1	5.258263
HS20_str_opr	BOBJ1	64	Before	Interior Girder 5	64	0.95	1	1	5.747411
HS20_str_opr	BOBJ1	64	Before	Interior Girder 6	64	0.95	1	1	6.119491
HS20_str_opr	BOBJ1	64	Before	Right Exterior Girder	64	0.95	1	1	11.86105

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Approach, Span 4-6									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
HS20_str_opr	BOBJ1	64	After	Left Exterior Girder	64	0.95	1	1	8.59512
HS20_str_opr	BOBJ1	64	After	Interior Girder 1	64	0.95	1	1	6.663039
HS20_str_opr	BOBJ1	64	After	Interior Girder 2	64	0.95	1	1	6.085503
HS20_str_opr	BOBJ1	64	After	Interior Girder 3	64	0.95	1	1	5.505311
HS20_str_opr	BOBJ1	64	After	Interior Girder 4	64	0.95	1	1	5.518864
HS20_str_opr	BOBJ1	64	After	Interior Girder 5	64	0.95	1	1	6.080439
HS20_str_opr	BOBJ1	64	After	Interior Girder 6	64	0.95	1	1	6.660901
HS20_str_opr	BOBJ1	64	After	Right Exterior Girder	64	0.95	1	1	8.605073
HS20_str_opr	BOBJ1	69	Before	Interior Girder 1	69	0.95	1	1	6.564074
HS20_str_opr	BOBJ1	69	Before	Interior Girder 2	69	0.95	1	1	5.996509
HS20_str_opr	BOBJ1	69	Before	Interior Girder 3	69	0.95	1	1	5.422644
HS20_str_opr	BOBJ1	69	Before	Interior Girder 4	69	0.95	1	1	5.435994
HS20_str_opr	BOBJ1	69	Before	Interior Girder 5	69	0.95	1	1	5.991519
HS20_str_opr	BOBJ1	69	Before	Interior Girder 6	69	0.95	1	1	6.561967
HS20_str_opr	BOBJ1	69	After	Interior Girder 1	69	0.95	1	1	5.500215
HS20_str_opr	BOBJ1	69	After	Interior Girder 2	69	0.95	1	1	5.169449
HS20_str_opr	BOBJ1	69	After	Interior Girder 3	69	0.95	1	1	4.50053
HS20_str_opr	BOBJ1	69	After	Interior Girder 4	69	0.95	1	1	4.528168
HS20_str_opr	BOBJ1	69	After	Interior Girder 5	69	0.95	1	1	5.158774
HS20_str_opr	BOBJ1	69	After	Interior Girder 6	69	0.95	1	1	5.509531
HS20_str_opr	BOBJ1	72	Before	Left Exterior Girder	72	0.95	1	1	5.867978
HS20_str_opr	BOBJ1	72	Before	Interior Girder 1	72	0.95	1	1	5.443935
HS20_str_opr	BOBJ1	72	Before	Interior Girder 2	72	0.95	1	1	5.117577
HS20_str_opr	BOBJ1	72	Before	Interior Girder 3	72	0.95	1	1	4.454002
HS20_str_opr	BOBJ1	72	Before	Interior Girder 4	72	0.95	1	1	4.481354
HS20_str_opr	BOBJ1	72	Before	Interior Girder 5	72	0.95	1	1	5.107009
HS20_str_opr	BOBJ1	72	Before	Interior Girder 6	72	0.95	1	1	5.453155
HS20_str_opr	BOBJ1	72	Before	Right Exterior Girder	72	0.95	1	1	5.874239
HS20_str_opr	BOBJ1	72	After	Left Exterior Girder	72	0.95	1	1	5.505228
HS20_str_opr	BOBJ1	72	After	Interior Girder 1	72	0.95	1	1	6.19629
HS20_str_opr	BOBJ1	72	After	Interior Girder 2	72	0.95	1	1	4.698219
HS20_str_opr	BOBJ1	72	After	Interior Girder 3	72	0.95	1	1	4.001339
HS20_str_opr	BOBJ1	72	After	Interior Girder 4	72	0.95	1	1	4.030576
HS20_str_opr	BOBJ1	72	After	Interior Girder 5	72	0.95	1	1	4.679147
HS20_str_opr	BOBJ1	72	After	Interior Girder 6	72	0.95	1	1	6.226959
HS20_str_opr	BOBJ1	72	After	Right Exterior Girder	72	0.95	1	1	5.51171
HS20_str_opr	BOBJ1	72.5	Before	Left Exterior Girder	72.5	0.95	1	1	5.499335
HS20_str_opr	BOBJ1	72.5	Before	Right Exterior Girder	72.5	0.95	1	1	5.50581
HS20_str_opr	BOBJ1	72.5	After	Left Exterior Girder	72.5	0.95	1	1	7.913549
HS20_str_opr	BOBJ1	72.5	After	Right Exterior Girder	72.5	0.95	1	1	7.922226
HS20_str_opr	BOBJ1	80	Before	Left Exterior Girder	80	0.95	1	1	7.776733
HS20_str_opr	BOBJ1	80	Before	Interior Girder 1	80	0.95	1	1	4.937836
HS20_str_opr	BOBJ1	80	Before	Interior Girder 2	80	0.95	1	1	4.570766
HS20_str_opr	BOBJ1	80	Before	Interior Girder 3	80	0.95	1	1	3.88886
HS20_str_opr	BOBJ1	80	Before	Interior Girder 4	80	0.95	1	1	3.917275
HS20_str_opr	BOBJ1	80	Before	Interior Girder 5	80	0.95	1	1	4.552211
HS20_str_opr	BOBJ1	80	Before	Interior Girder 6	80	0.95	1	1	4.961779
HS20_str_opr	BOBJ1	80	Before	Right Exterior Girder	80	0.95	1	1	7.785261
HS20_str_opr	BOBJ1	80	After	Left Exterior Girder	0	0.95	1	1	8.785952
HS20_str_opr	BOBJ1	80	After	Interior Girder 1	0	0.95	1	1	5.291428
HS20_str_opr	BOBJ1	80	After	Interior Girder 2	0	0.95	1	1	4.941579
HS20_str_opr	BOBJ1	80	After	Interior Girder 3	0	0.95	1	1	4.173688
HS20_str_opr	BOBJ1	80	After	Interior Girder 4	0	0.95	1	1	4.21253
HS20_str_opr	BOBJ1	80	After	Interior Girder 5	0	0.95	1	1	4.921343
HS20_str_opr	BOBJ1	80	After	Interior Girder 6	0	0.95	1	1	5.317215
HS20_str_opr	BOBJ1	80	After	Right Exterior Girder	0	0.95	1	1	8.794943
HS20_str_opr	BOBJ1	87.5	Before	Left Exterior Girder	7.5	0.95	1	1	8.933462
HS20_str_opr	BOBJ1	87.5	Before	Right Exterior Girder	7.5	0.95	1	1	8.942604
HS20_str_opr	BOBJ1	87.5	After	Left Exterior Girder	7.5	0.95	1	1	6.860861
HS20_str_opr	BOBJ1	87.5	After	Right Exterior Girder	7.5	0.95	1	1	6.868271
HS20_str_opr	BOBJ1	88	Before	Left Exterior Girder	8	0.95	1	1	6.867606
HS20_str_opr	BOBJ1	88	Before	Interior Girder 1	8	0.95	1	1	6.060968
HS20_str_opr	BOBJ1	88	Before	Interior Girder 2	8	0.95	1	1	5.073349
HS20_str_opr	BOBJ1	88	Before	Interior Girder 3	8	0.95	1	1	4.288989
HS20_str_opr	BOBJ1	88	Before	Interior Girder 4	8	0.95	1	1	4.328905

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Approach, Span 4-6									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
HS20_str_opr	BOBJ1	88	Before	Interior Girder 5	8	0.95	1	1	5.052574
HS20_str_opr	BOBJ1	88	Before	Interior Girder 6	8	0.95	1	1	6.090159
HS20_str_opr	BOBJ1	88	Before	Right Exterior Girder	8	0.95	1	1	6.875023
HS20_str_opr	BOBJ1	88	After	Left Exterior Girder	8	0.95	1	1	7.293045
HS20_str_opr	BOBJ1	88	After	Interior Girder 1	8	0.95	1	1	5.922283
HS20_str_opr	BOBJ1	88	After	Interior Girder 2	8	0.95	1	1	5.582151
HS20_str_opr	BOBJ1	88	After	Interior Girder 3	8	0.95	1	1	4.86783
HS20_str_opr	BOBJ1	88	After	Interior Girder 4	8	0.95	1	1	4.897292
HS20_str_opr	BOBJ1	88	After	Interior Girder 5	8	0.95	1	1	5.570836
HS20_str_opr	BOBJ1	88	After	Interior Girder 6	8	0.95	1	1	5.932327
HS20_str_opr	BOBJ1	88	After	Right Exterior Girder	8	0.95	1	1	7.301333
HS20_str_opr	BOBJ1	91	Before	Interior Girder 1	11	0.95	1	1	5.980605
HS20_str_opr	BOBJ1	91	Before	Interior Girder 2	11	0.95	1	1	5.63634
HS20_str_opr	BOBJ1	91	Before	Interior Girder 3	11	0.95	1	1	4.916479
HS20_str_opr	BOBJ1	91	Before	Interior Girder 4	11	0.95	1	1	4.946236
HS20_str_opr	BOBJ1	91	Before	Interior Girder 5	11	0.95	1	1	5.624915
HS20_str_opr	BOBJ1	91	Before	Interior Girder 6	11	0.95	1	1	5.990748
HS20_str_opr	BOBJ1	91	After	Interior Girder 1	11	0.95	1	1	7.197513
HS20_str_opr	BOBJ1	91	After	Interior Girder 2	11	0.95	1	1	6.642973
HS20_str_opr	BOBJ1	91	After	Interior Girder 3	11	0.95	1	1	6.027485
HS20_str_opr	BOBJ1	91	After	Interior Girder 4	11	0.95	1	1	6.040238
HS20_str_opr	BOBJ1	91	After	Interior Girder 5	11	0.95	1	1	6.637768
HS20_str_opr	BOBJ1	91	After	Interior Girder 6	11	0.95	1	1	7.194968
HS20_str_opr	BOBJ1	96	Before	Left Exterior Girder	16	0.95	1	1	10.083393
HS20_str_opr	BOBJ1	96	Before	Interior Girder 1	16	0.95	1	1	7.301228
HS20_str_opr	BOBJ1	96	Before	Interior Girder 2	16	0.95	1	1	6.737454
HS20_str_opr	BOBJ1	96	Before	Interior Girder 3	16	0.95	1	1	6.115457
HS20_str_opr	BOBJ1	96	Before	Interior Girder 4	16	0.95	1	1	6.128396
HS20_str_opr	BOBJ1	96	Before	Interior Girder 5	16	0.95	1	1	6.732175
HS20_str_opr	BOBJ1	96	Before	Interior Girder 6	16	0.95	1	1	7.298646
HS20_str_opr	BOBJ1	96	Before	Right Exterior Girder	16	0.95	1	1	10.094497
HS20_str_opr	BOBJ1	96	After	Left Exterior Girder	16	0.95	1	1	9.983773
HS20_str_opr	BOBJ1	96	After	Interior Girder 1	16	0.95	1	1	7.556696
HS20_str_opr	BOBJ1	96	After	Interior Girder 2	16	0.95	1	1	7.194848
HS20_str_opr	BOBJ1	96	After	Interior Girder 3	16	0.95	1	1	6.688274
HS20_str_opr	BOBJ1	96	After	Interior Girder 4	16	0.95	1	1	6.752392
HS20_str_opr	BOBJ1	96	After	Interior Girder 5	16	0.95	1	1	7.16906
HS20_str_opr	BOBJ1	96	After	Interior Girder 6	16	0.95	1	1	7.589125
HS20_str_opr	BOBJ1	96	After	Right Exterior Girder	16	0.95	1	1	9.9973
HS20_str_opr	BOBJ1	104	Before	Left Exterior Girder	24	0.95	1	1	10.15076
HS20_str_opr	BOBJ1	104	Before	Interior Girder 1	24	0.95	1	1	7.727705
HS20_str_opr	BOBJ1	104	Before	Interior Girder 2	24	0.95	1	1	7.357079
HS20_str_opr	BOBJ1	104	Before	Interior Girder 3	24	0.95	1	1	6.839063
HS20_str_opr	BOBJ1	104	Before	Interior Girder 4	24	0.95	1	1	6.904626
HS20_str_opr	BOBJ1	104	Before	Interior Girder 5	24	0.95	1	1	7.330709
HS20_str_opr	BOBJ1	104	Before	Interior Girder 6	24	0.95	1	1	7.760868
HS20_str_opr	BOBJ1	104	Before	Right Exterior Girder	24	0.95	1	1	10.164513
HS20_str_opr	BOBJ1	104	After	Left Exterior Girder	24	0.95	1	1	11.833596
HS20_str_opr	BOBJ1	104	After	Interior Girder 1	24	0.95	1	1	10.879239
HS20_str_opr	BOBJ1	104	After	Interior Girder 2	24	0.95	1	1	10.156578
HS20_str_opr	BOBJ1	104	After	Interior Girder 3	24	0.95	1	1	10.074425
HS20_str_opr	BOBJ1	104	After	Interior Girder 4	24	0.95	1	1	10.096888
HS20_str_opr	BOBJ1	104	After	Interior Girder 5	24	0.95	1	1	10.151863
HS20_str_opr	BOBJ1	104	After	Interior Girder 6	24	0.95	1	1	10.872373
HS20_str_opr	BOBJ1	104	After	Right Exterior Girder	24	0.95	1	1	11.853366
HS20_str_opr	BOBJ1	112	Before	Left Exterior Girder	32	0.95	1	1	12.02217
HS20_str_opr	BOBJ1	112	Before	Interior Girder 1	32	0.95	1	1	11.118561
HS20_str_opr	BOBJ1	112	Before	Interior Girder 2	32	0.95	1	1	10.378724
HS20_str_opr	BOBJ1	112	Before	Interior Girder 3	32	0.95	1	1	10.29461
HS20_str_opr	BOBJ1	112	Before	Interior Girder 4	32	0.95	1	1	10.317565
HS20_str_opr	BOBJ1	112	Before	Interior Girder 5	32	0.95	1	1	10.373906
HS20_str_opr	BOBJ1	112	Before	Interior Girder 6	32	0.95	1	1	11.111545
HS20_str_opr	BOBJ1	112	Before	Right Exterior Girder	32	0.95	1	1	12.042255
HS20_str_opr	BOBJ1	112	After	Left Exterior Girder	32	0.95	1	1	20.493674
HS20_str_opr	BOBJ1	112	After	Interior Girder 1	32	0.95	1	1	11.432311

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Approach, Span 4-6									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
HS20_str_opr	BOBJ1	112	After	Interior Girder 2	32	0.95	1	1	10.465314
HS20_str_opr	BOBJ1	112	After	Interior Girder 3	32	0.95	1	1	9.114731
HS20_str_opr	BOBJ1	112	After	Interior Girder 4	32	0.95	1	1	9.22741
HS20_str_opr	BOBJ1	112	After	Interior Girder 5	32	0.95	1	1	10.409418
HS20_str_opr	BOBJ1	112	After	Interior Girder 6	32	0.95	1	1	11.438703
HS20_str_opr	BOBJ1	112	After	Right Exterior Girder	32	0.95	1	1	20.493674
HS20_str_opr	BOBJ1	120	Before	Left Exterior Girder	40	0.95	1	1	20.80754
HS20_str_opr	BOBJ1	120	Before	Interior Girder 1	40	0.95	1	1	11.674523
HS20_str_opr	BOBJ1	120	Before	Interior Girder 2	40	0.95	1	1	10.687268
HS20_str_opr	BOBJ1	120	Before	Interior Girder 3	40	0.95	1	1	9.307936
HS20_str_opr	BOBJ1	120	Before	Interior Girder 4	40	0.95	1	1	9.423003
HS20_str_opr	BOBJ1	120	Before	Interior Girder 5	40	0.95	1	1	10.630186
HS20_str_opr	BOBJ1	120	Before	Interior Girder 6	40	0.95	1	1	11.681051
HS20_str_opr	BOBJ1	120	Before	Right Exterior Girder	40	0.95	1	1	20.80754
HS20_str_opr	BOBJ1	120	After	Left Exterior Girder	40	0.95	1	1	21.632174
HS20_str_opr	BOBJ1	120	After	Interior Girder 1	40	0.95	1	1	11.791458
HS20_str_opr	BOBJ1	120	After	Interior Girder 2	40	0.95	1	1	10.78957
HS20_str_opr	BOBJ1	120	After	Interior Girder 3	40	0.95	1	1	9.376124
HS20_str_opr	BOBJ1	120	After	Interior Girder 4	40	0.95	1	1	9.493353
HS20_str_opr	BOBJ1	120	After	Interior Girder 5	40	0.95	1	1	10.731727
HS20_str_opr	BOBJ1	120	After	Interior Girder 6	40	0.95	1	1	11.795203
HS20_str_opr	BOBJ1	120	After	Right Exterior Girder	40	0.95	1	1	21.632174
HS20_str_opr	BOBJ1	128	Before	Left Exterior Girder	48	0.95	1	1	21.306591
HS20_str_opr	BOBJ1	128	Before	Interior Girder 1	48	0.95	1	1	11.547022
HS20_str_opr	BOBJ1	128	Before	Interior Girder 2	48	0.95	1	1	10.565662
HS20_str_opr	BOBJ1	128	Before	Interior Girder 3	48	0.95	1	1	9.18161
HS20_str_opr	BOBJ1	128	Before	Interior Girder 4	48	0.95	1	1	9.296408
HS20_str_opr	BOBJ1	128	Before	Interior Girder 5	48	0.95	1	1	10.509019
HS20_str_opr	BOBJ1	128	Before	Interior Girder 6	48	0.95	1	1	11.550689
HS20_str_opr	BOBJ1	128	Before	Right Exterior Girder	48	0.95	1	1	21.306591
HS20_str_opr	BOBJ1	128	After	Left Exterior Girder	48	0.95	1	1	12.38989
HS20_str_opr	BOBJ1	128	After	Interior Girder 1	48	0.95	1	1	11.260852
HS20_str_opr	BOBJ1	128	After	Interior Girder 2	48	0.95	1	1	10.506471
HS20_str_opr	BOBJ1	128	After	Interior Girder 3	48	0.95	1	1	10.422702
HS20_str_opr	BOBJ1	128	After	Interior Girder 4	48	0.95	1	1	10.446233
HS20_str_opr	BOBJ1	128	After	Interior Girder 5	48	0.95	1	1	10.501596
HS20_str_opr	BOBJ1	128	After	Interior Girder 6	48	0.95	1	1	11.253649
HS20_str_opr	BOBJ1	128	After	Right Exterior Girder	48	0.95	1	1	12.410761
HS20_str_opr	BOBJ1	136	Before	Left Exterior Girder	56	0.95	1	1	12.196066
HS20_str_opr	BOBJ1	136	Before	Interior Girder 1	56	0.95	1	1	11.018611
HS20_str_opr	BOBJ1	136	Before	Interior Girder 2	56	0.95	1	1	10.281678
HS20_str_opr	BOBJ1	136	Before	Interior Girder 3	56	0.95	1	1	10.199969
HS20_str_opr	BOBJ1	136	Before	Interior Girder 4	56	0.95	1	1	10.222997
HS20_str_opr	BOBJ1	136	Before	Interior Girder 5	56	0.95	1	1	10.276908
HS20_str_opr	BOBJ1	136	Before	Interior Girder 6	56	0.95	1	1	11.011563
HS20_str_opr	BOBJ1	136	Before	Right Exterior Girder	56	0.95	1	1	12.216609
HS20_str_opr	BOBJ1	136	After	Left Exterior Girder	56	0.95	1	1	10.425776
HS20_str_opr	BOBJ1	136	After	Interior Girder 1	56	0.95	1	1	7.802189
HS20_str_opr	BOBJ1	136	After	Interior Girder 2	56	0.95	1	1	7.426016
HS20_str_opr	BOBJ1	136	After	Interior Girder 3	56	0.95	1	1	6.902129
HS20_str_opr	BOBJ1	136	After	Interior Girder 4	56	0.95	1	1	6.968549
HS20_str_opr	BOBJ1	136	After	Interior Girder 5	56	0.95	1	1	7.399373
HS20_str_opr	BOBJ1	136	After	Interior Girder 6	56	0.95	1	1	7.83577
HS20_str_opr	BOBJ1	136	After	Right Exterior Girder	56	0.95	1	1	10.439938
HS20_str_opr	BOBJ1	144	Before	Left Exterior Girder	64	0.95	1	1	10.254769
HS20_str_opr	BOBJ1	144	Before	Interior Girder 1	64	0.95	1	1	7.62962
HS20_str_opr	BOBJ1	144	Before	Interior Girder 2	64	0.95	1	1	7.26231
HS20_str_opr	BOBJ1	144	Before	Interior Girder 3	64	0.95	1	1	6.750099
HS20_str_opr	BOBJ1	144	Before	Interior Girder 4	64	0.95	1	1	6.815056
HS20_str_opr	BOBJ1	144	Before	Interior Girder 5	64	0.95	1	1	7.236254
HS20_str_opr	BOBJ1	144	Before	Interior Girder 6	64	0.95	1	1	7.662458
HS20_str_opr	BOBJ1	144	Before	Right Exterior Girder	64	0.95	1	1	10.268698
HS20_str_opr	BOBJ1	144	After	Left Exterior Girder	64	0.95	1	1	9.558592
HS20_str_opr	BOBJ1	144	After	Interior Girder 1	64	0.95	1	1	7.367974
HS20_str_opr	BOBJ1	144	After	Interior Girder 2	64	0.95	1	1	6.794208

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Approach, Span 4-6									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
HS20_str_opr	BOBJ1	144	After	Interior Girder 3	64	0.95	1	1	6.20798
HS20_str_opr	BOBJ1	144	After	Interior Girder 4	64	0.95	1	1	6.219418
HS20_str_opr	BOBJ1	144	After	Interior Girder 5	64	0.95	1	1	6.788207
HS20_str_opr	BOBJ1	144	After	Interior Girder 6	64	0.95	1	1	7.366549
HS20_str_opr	BOBJ1	144	After	Right Exterior Girder	64	0.95	1	1	9.569061
HS20_str_opr	BOBJ1	150	Before	Interior Girder 1	70	0.95	1	1	7.242311
HS20_str_opr	BOBJ1	150	Before	Interior Girder 2	70	0.95	1	1	6.67973
HS20_str_opr	BOBJ1	150	Before	Interior Girder 3	70	0.95	1	1	6.100968
HS20_str_opr	BOBJ1	150	Before	Interior Girder 4	70	0.95	1	1	6.112209
HS20_str_opr	BOBJ1	150	Before	Interior Girder 5	70	0.95	1	1	6.67383
HS20_str_opr	BOBJ1	150	Before	Interior Girder 6	70	0.95	1	1	7.240911
HS20_str_opr	BOBJ1	150	After	Interior Girder 1	70	0.95	1	1	5.588034
HS20_str_opr	BOBJ1	150	After	Interior Girder 2	70	0.95	1	1	5.443166
HS20_str_opr	BOBJ1	150	After	Interior Girder 3	70	0.95	1	1	4.708377
HS20_str_opr	BOBJ1	150	After	Interior Girder 4	70	0.95	1	1	4.747201
HS20_str_opr	BOBJ1	150	After	Interior Girder 5	70	0.95	1	1	5.43275
HS20_str_opr	BOBJ1	150	After	Interior Girder 6	70	0.95	1	1	5.597397
HS20_str_opr	BOBJ1	152	Before	Left Exterior Girder	72	0.95	1	1	9.484364
HS20_str_opr	BOBJ1	152	Before	Interior Girder 1	72	0.95	1	1	5.551771
HS20_str_opr	BOBJ1	152	Before	Interior Girder 2	72	0.95	1	1	5.40858
HS20_str_opr	BOBJ1	152	Before	Interior Girder 3	72	0.95	1	1	4.677634
HS20_str_opr	BOBJ1	152	Before	Interior Girder 4	72	0.95	1	1	4.716205
HS20_str_opr	BOBJ1	152	Before	Interior Girder 5	72	0.95	1	1	5.39823
HS20_str_opr	BOBJ1	152	Before	Interior Girder 6	72	0.95	1	1	5.561073
HS20_str_opr	BOBJ1	152	Before	Right Exterior Girder	72	0.95	1	1	9.495519
HS20_str_opr	BOBJ1	152	After	Left Exterior Girder	72	0.95	1	1	8.294322
HS20_str_opr	BOBJ1	152	After	Interior Girder 1	72	0.95	1	1	4.98696
HS20_str_opr	BOBJ1	152	After	Interior Girder 2	72	0.95	1	1	5.090051
HS20_str_opr	BOBJ1	152	After	Interior Girder 3	72	0.95	1	1	4.324984
HS20_str_opr	BOBJ1	152	After	Interior Girder 4	72	0.95	1	1	4.365343
HS20_str_opr	BOBJ1	152	After	Interior Girder 5	72	0.95	1	1	5.068988
HS20_str_opr	BOBJ1	152	After	Interior Girder 6	72	0.95	1	1	5.008054
HS20_str_opr	BOBJ1	152	After	Right Exterior Girder	72	0.95	1	1	8.303069
HS20_str_opr	BOBJ1	154	Before	Left Exterior Girder	74	0.95	1	1	8.261038
HS20_str_opr	BOBJ1	154	Before	Right Exterior Girder	74	0.95	1	1	8.26975
HS20_str_opr	BOBJ1	154	After	Left Exterior Girder	74	0.95	1	1	8.322521
HS20_str_opr	BOBJ1	154	After	Right Exterior Girder	74	0.95	1	1	8.33086
HS20_str_opr	BOBJ1	160	Before	Left Exterior Girder	80	0.95	1	1	8.209074
HS20_str_opr	BOBJ1	160	Before	Interior Girder 1	80	0.95	1	1	5.333338
HS20_str_opr	BOBJ1	160	Before	Interior Girder 2	80	0.95	1	1	4.959414
HS20_str_opr	BOBJ1	160	Before	Interior Girder 3	80	0.95	1	1	4.210445
HS20_str_opr	BOBJ1	160	Before	Interior Girder 4	80	0.95	1	1	4.249735
HS20_str_opr	BOBJ1	160	Before	Interior Girder 5	80	0.95	1	1	4.938891
HS20_str_opr	BOBJ1	160	Before	Interior Girder 6	80	0.95	1	1	5.360138
HS20_str_opr	BOBJ1	160	Before	Right Exterior Girder	80	0.95	1	1	8.2173
HS20_str_opr	BOBJ1	160	After	Left Exterior Girder	0	0.95	1	1	7.234006
HS20_str_opr	BOBJ1	160	After	Interior Girder 1	0	0.95	1	1	4.954958
HS20_str_opr	BOBJ1	160	After	Interior Girder 2	0	0.95	1	1	4.576627
HS20_str_opr	BOBJ1	160	After	Interior Girder 3	0	0.95	1	1	3.915064
HS20_str_opr	BOBJ1	160	After	Interior Girder 4	0	0.95	1	1	3.941252
HS20_str_opr	BOBJ1	160	After	Interior Girder 5	0	0.95	1	1	4.557978
HS20_str_opr	BOBJ1	160	After	Interior Girder 6	0	0.95	1	1	4.97943
HS20_str_opr	BOBJ1	160	After	Right Exterior Girder	0	0.95	1	1	7.241506
HS20_str_opr	BOBJ1	166	Before	Left Exterior Girder	6	0.95	1	1	7.33873
HS20_str_opr	BOBJ1	166	Before	Right Exterior Girder	6	0.95	1	1	7.346339
HS20_str_opr	BOBJ1	166	After	Left Exterior Girder	6	0.95	1	1	7.003133
HS20_str_opr	BOBJ1	166	After	Right Exterior Girder	6	0.95	1	1	7.010711
HS20_str_opr	BOBJ1	168	Before	Left Exterior Girder	8	0.95	1	1	7.032896
HS20_str_opr	BOBJ1	168	Before	Interior Girder 1	8	0.95	1	1	4.716514
HS20_str_opr	BOBJ1	168	Before	Interior Girder 2	8	0.95	1	1	4.702539
HS20_str_opr	BOBJ1	168	Before	Interior Girder 3	8	0.95	1	1	4.026717
HS20_str_opr	BOBJ1	168	Before	Interior Girder 4	8	0.95	1	1	4.053652
HS20_str_opr	BOBJ1	168	Before	Interior Girder 5	8	0.95	1	1	4.683376
HS20_str_opr	BOBJ1	168	Before	Interior Girder 6	8	0.95	1	1	4.736423
HS20_str_opr	BOBJ1	168	Before	Right Exterior Girder	8	0.95	1	1	7.040506

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Approach, Span 4-6									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
HS20_str_opr	BOBJ1	168	After	Left Exterior Girder	8	0.95	1	1	8.003564
HS20_str_opr	BOBJ1	168	After	Interior Girder 1	8	0.95	1	1	5.096662
HS20_str_opr	BOBJ1	168	After	Interior Girder 2	8	0.95	1	1	4.958118
HS20_str_opr	BOBJ1	168	After	Interior Girder 3	8	0.95	1	1	4.288995
HS20_str_opr	BOBJ1	168	After	Interior Girder 4	8	0.95	1	1	4.31995
HS20_str_opr	BOBJ1	168	After	Interior Girder 5	8	0.95	1	1	4.948451
HS20_str_opr	BOBJ1	168	After	Interior Girder 6	8	0.95	1	1	5.105079
HS20_str_opr	BOBJ1	168	After	Right Exterior Girder	8	0.95	1	1	8.011599
HS20_str_opr	BOBJ1	170	Before	Interior Girder 1	10	0.95	1	1	5.131572
HS20_str_opr	BOBJ1	170	Before	Interior Girder 2	10	0.95	1	1	4.991189
HS20_str_opr	BOBJ1	170	Before	Interior Girder 3	10	0.95	1	1	4.318497
HS20_str_opr	BOBJ1	170	Before	Interior Girder 4	10	0.95	1	1	4.349665
HS20_str_opr	BOBJ1	170	Before	Interior Girder 5	10	0.95	1	1	4.981457
HS20_str_opr	BOBJ1	170	Before	Interior Girder 6	10	0.95	1	1	5.140046
HS20_str_opr	BOBJ1	170	After	Interior Girder 1	10	0.95	1	1	6.541426
HS20_str_opr	BOBJ1	170	After	Interior Girder 2	10	0.95	1	1	5.995024
HS20_str_opr	BOBJ1	170	After	Interior Girder 3	10	0.95	1	1	5.475148
HS20_str_opr	BOBJ1	170	After	Interior Girder 4	10	0.95	1	1	5.486952
HS20_str_opr	BOBJ1	170	After	Interior Girder 5	10	0.95	1	1	5.989361
HS20_str_opr	BOBJ1	170	After	Interior Girder 6	10	0.95	1	1	6.540463
HS20_str_opr	BOBJ1	176	Before	Left Exterior Girder	16	0.95	1	1	8.091923
HS20_str_opr	BOBJ1	176	Before	Interior Girder 1	16	0.95	1	1	6.659907
HS20_str_opr	BOBJ1	176	Before	Interior Girder 2	16	0.95	1	1	6.102146
HS20_str_opr	BOBJ1	176	Before	Interior Girder 3	16	0.95	1	1	5.575582
HS20_str_opr	BOBJ1	176	Before	Interior Girder 4	16	0.95	1	1	5.587602
HS20_str_opr	BOBJ1	176	Before	Interior Girder 5	16	0.95	1	1	6.096382
HS20_str_opr	BOBJ1	176	Before	Interior Girder 6	16	0.95	1	1	6.658926
HS20_str_opr	BOBJ1	176	Before	Right Exterior Girder	16	0.95	1	1	8.100899
HS20_str_opr	BOBJ1	176	After	Left Exterior Girder	16	0.95	1	1	11.450143
HS20_str_opr	BOBJ1	176	After	Interior Girder 1	16	0.95	1	1	5.975895
HS20_str_opr	BOBJ1	176	After	Interior Girder 2	16	0.95	1	1	5.772468
HS20_str_opr	BOBJ1	176	After	Interior Girder 3	16	0.95	1	1	5.242539
HS20_str_opr	BOBJ1	176	After	Interior Girder 4	16	0.95	1	1	5.303349
HS20_str_opr	BOBJ1	176	After	Interior Girder 5	16	0.95	1	1	5.752707
HS20_str_opr	BOBJ1	176	After	Interior Girder 6	16	0.95	1	1	6.001276
HS20_str_opr	BOBJ1	176	After	Right Exterior Girder	16	0.95	1	1	11.465595
HS20_str_opr	BOBJ1	181	Before	Interior Girder 1	21	0.95	1	1	6.064538
HS20_str_opr	BOBJ1	181	Before	Interior Girder 2	21	0.95	1	1	5.857305
HS20_str_opr	BOBJ1	181	Before	Interior Girder 3	21	0.95	1	1	5.319591
HS20_str_opr	BOBJ1	181	Before	Interior Girder 4	21	0.95	1	1	5.381295
HS20_str_opr	BOBJ1	181	Before	Interior Girder 5	21	0.95	1	1	5.837253
HS20_str_opr	BOBJ1	181	Before	Interior Girder 6	21	0.95	1	1	6.090296
HS20_str_opr	BOBJ1	181	After	Interior Girder 1	21	0.95	1	1	8.239238
HS20_str_opr	BOBJ1	181	After	Interior Girder 2	21	0.95	1	1	7.950134
HS20_str_opr	BOBJ1	181	After	Interior Girder 3	21	0.95	1	1	7.426647
HS20_str_opr	BOBJ1	181	After	Interior Girder 4	21	0.95	1	1	7.508472
HS20_str_opr	BOBJ1	181	After	Interior Girder 5	21	0.95	1	1	7.933338
HS20_str_opr	BOBJ1	181	After	Interior Girder 6	21	0.95	1	1	8.258278
HS20_str_opr	BOBJ1	184	Before	Left Exterior Girder	24	0.95	1	1	11.389012
HS20_str_opr	BOBJ1	184	Before	Interior Girder 1	24	0.95	1	1	8.303434
HS20_str_opr	BOBJ1	184	Before	Interior Girder 2	24	0.95	1	1	8.011372
HS20_str_opr	BOBJ1	184	Before	Interior Girder 3	24	0.95	1	1	7.483804
HS20_str_opr	BOBJ1	184	Before	Interior Girder 4	24	0.95	1	1	7.566259
HS20_str_opr	BOBJ1	184	Before	Interior Girder 5	24	0.95	1	1	7.994446
HS20_str_opr	BOBJ1	184	Before	Interior Girder 6	24	0.95	1	1	8.322622
HS20_str_opr	BOBJ1	184	Before	Right Exterior Girder	24	0.95	1	1	11.403643
HS20_str_opr	BOBJ1	184	After	Left Exterior Girder	24	0.95	1	1	12.813168
HS20_str_opr	BOBJ1	184	After	Interior Girder 1	24	0.95	1	1	10.950857
HS20_str_opr	BOBJ1	184	After	Interior Girder 2	24	0.95	1	1	10.502311
HS20_str_opr	BOBJ1	184	After	Interior Girder 3	24	0.95	1	1	10.475347
HS20_str_opr	BOBJ1	184	After	Interior Girder 4	24	0.95	1	1	10.50074
HS20_str_opr	BOBJ1	184	After	Interior Girder 5	24	0.95	1	1	10.496347
HS20_str_opr	BOBJ1	184	After	Interior Girder 6	24	0.95	1	1	10.947366
HS20_str_opr	BOBJ1	184	After	Right Exterior Girder	24	0.95	1	1	12.832949
HS20_str_opr	BOBJ1	192	Before	Left Exterior Girder	32	0.95	1	1	13.004304

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Approach, Span 4-6									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
HS20_str_opr	BOBJ1	192	Before	Interior Girder 1	32	0.95	1	1	11.174979
HS20_str_opr	BOBJ1	192	Before	Interior Girder 2	32	0.95	1	1	10.715387
HS20_str_opr	BOBJ1	192	Before	Interior Girder 3	32	0.95	1	1	10.687637
HS20_str_opr	BOBJ1	192	Before	Interior Girder 4	32	0.95	1	1	10.713545
HS20_str_opr	BOBJ1	192	Before	Interior Girder 5	32	0.95	1	1	10.709301
HS20_str_opr	BOBJ1	192	Before	Interior Girder 6	32	0.95	1	1	11.171417
HS20_str_opr	BOBJ1	192	Before	Right Exterior Girder	32	0.95	1	1	13.02438
HS20_str_opr	BOBJ1	192	After	Left Exterior Girder	32	0.95	1	1	20.131612
HS20_str_opr	BOBJ1	192	After	Interior Girder 1	32	0.95	1	1	11.587133
HS20_str_opr	BOBJ1	192	After	Interior Girder 2	32	0.95	1	1	10.802561
HS20_str_opr	BOBJ1	192	After	Interior Girder 3	32	0.95	1	1	9.632811
HS20_str_opr	BOBJ1	192	After	Interior Girder 4	32	0.95	1	1	9.744987
HS20_str_opr	BOBJ1	192	After	Interior Girder 5	32	0.95	1	1	10.758857
HS20_str_opr	BOBJ1	192	After	Interior Girder 6	32	0.95	1	1	11.646597
HS20_str_opr	BOBJ1	192	After	Right Exterior Girder	32	0.95	1	1	20.131612
HS20_str_opr	BOBJ1	200	Before	Left Exterior Girder	40	0.95	1	1	20.422614
HS20_str_opr	BOBJ1	200	Before	Interior Girder 1	40	0.95	1	1	11.816047
HS20_str_opr	BOBJ1	200	Before	Interior Girder 2	40	0.95	1	1	11.015824
HS20_str_opr	BOBJ1	200	Before	Interior Girder 3	40	0.95	1	1	9.822441
HS20_str_opr	BOBJ1	200	Before	Interior Girder 4	40	0.95	1	1	9.936825
HS20_str_opr	BOBJ1	200	Before	Interior Girder 5	40	0.95	1	1	10.971257
HS20_str_opr	BOBJ1	200	Before	Interior Girder 6	40	0.95	1	1	11.876685
HS20_str_opr	BOBJ1	200	Before	Right Exterior Girder	40	0.95	1	1	20.422614
HS20_str_opr	BOBJ1	200	After	Left Exterior Girder	40	0.95	1	1	25.401093
HS20_str_opr	BOBJ1	200	After	Interior Girder 1	40	0.95	1	1	16.304309
HS20_str_opr	BOBJ1	200	After	Interior Girder 2	40	0.95	1	1	14.430019
HS20_str_opr	BOBJ1	200	After	Interior Girder 3	40	0.95	1	1	12.251084
HS20_str_opr	BOBJ1	200	After	Interior Girder 4	40	0.95	1	1	12.425269
HS20_str_opr	BOBJ1	200	After	Interior Girder 5	40	0.95	1	1	14.348024
HS20_str_opr	BOBJ1	200	After	Interior Girder 6	40	0.95	1	1	16.311081
HS20_str_opr	BOBJ1	200	After	Right Exterior Girder	40	0.95	1	1	25.401093
HS20_str_opr	BOBJ1	208	Before	Left Exterior Girder	48	0.95	1	1	25.754872
HS20_str_opr	BOBJ1	208	Before	Interior Girder 1	48	0.95	1	1	16.005881
HS20_str_opr	BOBJ1	208	Before	Interior Girder 2	48	0.95	1	1	14.16525
HS20_str_opr	BOBJ1	208	Before	Interior Girder 3	48	0.95	1	1	12.02584
HS20_str_opr	BOBJ1	208	Before	Interior Girder 4	48	0.95	1	1	12.196823
HS20_str_opr	BOBJ1	208	Before	Interior Girder 5	48	0.95	1	1	14.08476
HS20_str_opr	BOBJ1	208	Before	Interior Girder 6	48	0.95	1	1	16.01253
HS20_str_opr	BOBJ1	208	Before	Right Exterior Girder	48	0.95	1	1	25.754872
HS20_str_opr	BOBJ1	208	After	Left Exterior Girder	48	0.95	1	1	20.691979
HS20_str_opr	BOBJ1	208	After	Interior Girder 1	48	0.95	1	1	16.279826
HS20_str_opr	BOBJ1	208	After	Interior Girder 2	48	0.95	1	1	15.006334
HS20_str_opr	BOBJ1	208	After	Interior Girder 3	48	0.95	1	1	13.28239
HS20_str_opr	BOBJ1	208	After	Interior Girder 4	48	0.95	1	1	13.492685
HS20_str_opr	BOBJ1	208	After	Interior Girder 5	48	0.95	1	1	14.999485
HS20_str_opr	BOBJ1	208	After	Interior Girder 6	48	0.95	1	1	16.269191
HS20_str_opr	BOBJ1	208	After	Right Exterior Girder	48	0.95	1	1	20.730621
HS20_str_opr	BOBJ1	216	Before	Left Exterior Girder	56	0.95	1	1	20.407501
HS20_str_opr	BOBJ1	216	Before	Interior Girder 1	56	0.95	1	1	15.971778
HS20_str_opr	BOBJ1	216	Before	Interior Girder 2	56	0.95	1	1	14.723214
HS20_str_opr	BOBJ1	216	Before	Interior Girder 3	56	0.95	1	1	13.530566
HS20_str_opr	BOBJ1	216	Before	Interior Girder 4	56	0.95	1	1	13.744791
HS20_str_opr	BOBJ1	216	Before	Interior Girder 5	56	0.95	1	1	14.716495
HS20_str_opr	BOBJ1	216	Before	Interior Girder 6	56	0.95	1	1	15.961344
HS20_str_opr	BOBJ1	216	Before	Right Exterior Girder	56	0.95	1	1	20.445612
HS20_str_opr	BOBJ1	216	After	Left Exterior Girder	56	0.95	1	1	17.360772
HS20_str_opr	BOBJ1	216	After	Interior Girder 1	56	0.95	1	1	11.106021
HS20_str_opr	BOBJ1	216	After	Interior Girder 2	56	0.95	1	1	10.470878
HS20_str_opr	BOBJ1	216	After	Interior Girder 3	56	0.95	1	1	9.486755
HS20_str_opr	BOBJ1	216	After	Interior Girder 4	56	0.95	1	1	9.595186
HS20_str_opr	BOBJ1	216	After	Interior Girder 5	56	0.95	1	1	10.430701
HS20_str_opr	BOBJ1	216	After	Interior Girder 6	56	0.95	1	1	11.160183
HS20_str_opr	BOBJ1	216	After	Right Exterior Girder	56	0.95	1	1	17.386175
HS20_str_opr	BOBJ1	224	Before	Left Exterior Girder	64	0.95	1	1	17.113144
HS20_str_opr	BOBJ1	224	Before	Interior Girder 1	64	0.95	1	1	10.890723

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Approach, Span 4-6									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
HS20_str_opr	BOBJ1	224	Before	Interior Girder 2	64	0.95	1	1	10.268105
HS20_str_opr	BOBJ1	224	Before	Interior Girder 3	64	0.95	1	1	9.303111
HS20_str_opr	BOBJ1	224	Before	Interior Girder 4	64	0.95	1	1	9.409443
HS20_str_opr	BOBJ1	224	Before	Interior Girder 5	64	0.95	1	1	10.228706
HS20_str_opr	BOBJ1	224	Before	Interior Girder 6	64	0.95	1	1	10.943834
HS20_str_opr	BOBJ1	224	Before	Right Exterior Girder	64	0.95	1	1	17.138186
HS20_str_opr	BOBJ1	224	After	Left Exterior Girder	64	0.95	1	1	11.659963
HS20_str_opr	BOBJ1	224	After	Interior Girder 1	64	0.95	1	1	10.322553
HS20_str_opr	BOBJ1	224	After	Interior Girder 2	64	0.95	1	1	9.725001
HS20_str_opr	BOBJ1	224	After	Interior Girder 3	64	0.95	1	1	9.286953
HS20_str_opr	BOBJ1	224	After	Interior Girder 4	64	0.95	1	1	9.311094
HS20_str_opr	BOBJ1	224	After	Interior Girder 5	64	0.95	1	1	9.716992
HS20_str_opr	BOBJ1	224	After	Interior Girder 6	64	0.95	1	1	10.32177
HS20_str_opr	BOBJ1	224	After	Right Exterior Girder	64	0.95	1	1	11.671525
HS20_str_opr	BOBJ1	232	Before	Left Exterior Girder	72	0.95	1	1	11.487797
HS20_str_opr	BOBJ1	232	Before	Interior Girder 1	72	0.95	1	1	10.116175
HS20_str_opr	BOBJ1	232	Before	Interior Girder 2	72	0.95	1	1	9.532039
HS20_str_opr	BOBJ1	232	Before	Interior Girder 3	72	0.95	1	1	9.10149
HS20_str_opr	BOBJ1	232	Before	Interior Girder 4	72	0.95	1	1	9.125149
HS20_str_opr	BOBJ1	232	Before	Interior Girder 5	72	0.95	1	1	9.524189
HS20_str_opr	BOBJ1	232	Before	Interior Girder 6	72	0.95	1	1	10.115407
HS20_str_opr	BOBJ1	232	Before	Right Exterior Girder	72	0.95	1	1	11.499188
HS20_str_opr	BOBJ1	232	After	Left Exterior Girder	72	0.95	1	1	10.320751
HS20_str_opr	BOBJ1	232	After	Interior Girder 1	72	0.95	1	1	7.355712
HS20_str_opr	BOBJ1	232	After	Interior Girder 2	72	0.95	1	1	7.019021
HS20_str_opr	BOBJ1	232	After	Interior Girder 3	72	0.95	1	1	6.130841
HS20_str_opr	BOBJ1	232	After	Interior Girder 4	72	0.95	1	1	6.194874
HS20_str_opr	BOBJ1	232	After	Interior Girder 5	72	0.95	1	1	6.990169
HS20_str_opr	BOBJ1	232	After	Interior Girder 6	72	0.95	1	1	7.39318
HS20_str_opr	BOBJ1	232	After	Right Exterior Girder	72	0.95	1	1	10.333578
HS20_str_opr	BOBJ1	240	Before	Left Exterior Girder	80	0.95	1	1	10.161948
HS20_str_opr	BOBJ1	240	Before	Interior Girder 1	80	0.95	1	1	7.205035
HS20_str_opr	BOBJ1	240	Before	Interior Girder 2	80	0.95	1	1	6.876089
HS20_str_opr	BOBJ1	240	Before	Interior Girder 3	80	0.95	1	1	6.004874
HS20_str_opr	BOBJ1	240	Before	Interior Girder 4	80	0.95	1	1	6.067592
HS20_str_opr	BOBJ1	240	Before	Interior Girder 5	80	0.95	1	1	6.847825
HS20_str_opr	BOBJ1	240	Before	Interior Girder 6	80	0.95	1	1	7.241735
HS20_str_opr	BOBJ1	240	Before	Right Exterior Girder	80	0.95	1	1	10.174577
HS20_str_inv	BOBJ1	0	After	Left Exterior Girder	0	0.95	1	1	7.964299
HS20_str_inv	BOBJ1	0	After	Interior Girder 1	0	0.95	1	1	6.178778
HS20_str_inv	BOBJ1	0	After	Interior Girder 2	0	0.95	1	1	5.772086
HS20_str_inv	BOBJ1	0	After	Interior Girder 3	0	0.95	1	1	5.312387
HS20_str_inv	BOBJ1	0	After	Interior Girder 4	0	0.95	1	1	5.343558
HS20_str_inv	BOBJ1	0	After	Interior Girder 5	0	0.95	1	1	5.752232
HS20_str_inv	BOBJ1	0	After	Interior Girder 6	0	0.95	1	1	6.203632
HS20_str_inv	BOBJ1	0	After	Right Exterior Girder	0	0.95	1	1	7.975236
HS20_str_inv	BOBJ1	8	Before	Left Exterior Girder	8	0.95	1	1	8.08334
HS20_str_inv	BOBJ1	8	Before	Interior Girder 1	8	0.95	1	1	6.303666
HS20_str_inv	BOBJ1	8	Before	Interior Girder 2	8	0.95	1	1	5.8881
HS20_str_inv	BOBJ1	8	Before	Interior Girder 3	8	0.95	1	1	5.419649
HS20_str_inv	BOBJ1	8	Before	Interior Girder 4	8	0.95	1	1	5.45145
HS20_str_inv	BOBJ1	8	Before	Interior Girder 5	8	0.95	1	1	5.867847
HS20_str_inv	BOBJ1	8	Before	Interior Girder 6	8	0.95	1	1	6.329022
HS20_str_inv	BOBJ1	8	Before	Right Exterior Girder	8	0.95	1	1	8.09444
HS20_str_inv	BOBJ1	8	After	Left Exterior Girder	8	0.95	1	1	9.027622
HS20_str_inv	BOBJ1	8	After	Interior Girder 1	8	0.95	1	1	8.721659
HS20_str_inv	BOBJ1	8	After	Interior Girder 2	8	0.95	1	1	7.988005
HS20_str_inv	BOBJ1	8	After	Interior Girder 3	8	0.95	1	1	7.830742
HS20_str_inv	BOBJ1	8	After	Interior Girder 4	8	0.95	1	1	7.841026
HS20_str_inv	BOBJ1	8	After	Interior Girder 5	8	0.95	1	1	7.984593
HS20_str_inv	BOBJ1	8	After	Interior Girder 6	8	0.95	1	1	8.716797
HS20_str_inv	BOBJ1	8	After	Right Exterior Girder	8	0.95	1	1	9.039848
HS20_str_inv	BOBJ1	16	Before	Left Exterior Girder	16	0.95	1	1	9.15742
HS20_str_inv	BOBJ1	16	Before	Interior Girder 1	16	0.95	1	1	8.893653
HS20_str_inv	BOBJ1	16	Before	Interior Girder 2	16	0.95	1	1	8.144504

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Approach, Span 4-(									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
HS20_str_inv	BOBJ1	16	Before	Interior Girder 3	16	0.95	1	1	7.984549
HS20_str_inv	BOBJ1	16	Before	Interior Girder 4	16	0.95	1	1	7.995035
HS20_str_inv	BOBJ1	16	Before	Interior Girder 5	16	0.95	1	1	8.141025
HS20_str_inv	BOBJ1	16	Before	Interior Girder 6	16	0.95	1	1	8.888695
HS20_str_inv	BOBJ1	16	Before	Right Exterior Girder	16	0.95	1	1	9.169822
HS20_str_inv	BOBJ1	16	After	Left Exterior Girder	16	0.95	1	1	12.575689
HS20_str_inv	BOBJ1	16	After	Interior Girder 1	16	0.95	1	1	9.730872
HS20_str_inv	BOBJ1	16	After	Interior Girder 2	16	0.95	1	1	8.501727
HS20_str_inv	BOBJ1	16	After	Interior Girder 3	16	0.95	1	1	7.767077
HS20_str_inv	BOBJ1	16	After	Interior Girder 4	16	0.95	1	1	7.857967
HS20_str_inv	BOBJ1	16	After	Interior Girder 5	16	0.95	1	1	8.470392
HS20_str_inv	BOBJ1	16	After	Interior Girder 6	16	0.95	1	1	9.781023
HS20_str_inv	BOBJ1	16	After	Right Exterior Girder	16	0.95	1	1	12.591587
HS20_str_inv	BOBJ1	20.5	Before	Left Exterior Girder	20.5	0.95	1	1	12.674856
HS20_str_inv	BOBJ1	20.5	Before	Right Exterior Girder	20.5	0.95	1	1	12.690879
HS20_str_inv	BOBJ1	20.5	After	Left Exterior Girder	20.5	0.95	1	1	13.856254
HS20_str_inv	BOBJ1	20.5	After	Right Exterior Girder	20.5	0.95	1	1	13.876814
HS20_str_inv	BOBJ1	24	Before	Left Exterior Girder	24	0.95	1	1	13.948843
HS20_str_inv	BOBJ1	24	Before	Interior Girder 1	24	0.95	1	1	9.300245
HS20_str_inv	BOBJ1	24	Before	Interior Girder 2	24	0.95	1	1	8.664339
HS20_str_inv	BOBJ1	24	Before	Interior Girder 3	24	0.95	1	1	7.915318
HS20_str_inv	BOBJ1	24	Before	Interior Girder 4	24	0.95	1	1	8.007942
HS20_str_inv	BOBJ1	24	Before	Interior Girder 5	24	0.95	1	1	8.632405
HS20_str_inv	BOBJ1	24	Before	Interior Girder 6	24	0.95	1	1	9.343205
HS20_str_inv	BOBJ1	24	Before	Right Exterior Girder	24	0.95	1	1	13.96954
HS20_str_inv	BOBJ1	24	After	Left Exterior Girder	24	0.95	1	1	15.716352
HS20_str_inv	BOBJ1	24	After	Interior Girder 1	24	0.95	1	1	13.74682
HS20_str_inv	BOBJ1	24	After	Interior Girder 2	24	0.95	1	1	12.121285
HS20_str_inv	BOBJ1	24	After	Interior Girder 3	24	0.95	1	1	10.448962
HS20_str_inv	BOBJ1	24	After	Interior Girder 4	24	0.95	1	1	10.614846
HS20_str_inv	BOBJ1	24	After	Interior Girder 5	24	0.95	1	1	12.116773
HS20_str_inv	BOBJ1	24	After	Interior Girder 6	24	0.95	1	1	13.734948
HS20_str_inv	BOBJ1	24	After	Right Exterior Girder	24	0.95	1	1	15.742215
HS20_str_inv	BOBJ1	32	Before	Left Exterior Girder	32	0.95	1	1	15.951133
HS20_str_inv	BOBJ1	32	Before	Interior Girder 1	32	0.95	1	1	13.874068
HS20_str_inv	BOBJ1	32	Before	Interior Girder 2	32	0.95	1	1	12.284046
HS20_str_inv	BOBJ1	32	Before	Interior Girder 3	32	0.95	1	1	10.262978
HS20_str_inv	BOBJ1	32	Before	Interior Girder 4	32	0.95	1	1	10.425909
HS20_str_inv	BOBJ1	32	Before	Interior Girder 5	32	0.95	1	1	12.203099
HS20_str_inv	BOBJ1	32	Before	Interior Girder 6	32	0.95	1	1	13.888531
HS20_str_inv	BOBJ1	32	Before	Right Exterior Girder	32	0.95	1	1	15.977382
HS20_str_inv	BOBJ1	32	After	Left Exterior Girder	32	0.95	1	1	19.86275
HS20_str_inv	BOBJ1	32	After	Interior Girder 1	32	0.95	1	1	12.719226
HS20_str_inv	BOBJ1	32	After	Interior Girder 2	32	0.95	1	1	11.517054
HS20_str_inv	BOBJ1	32	After	Interior Girder 3	32	0.95	1	1	9.823371
HS20_str_inv	BOBJ1	32	After	Interior Girder 4	32	0.95	1	1	9.966492
HS20_str_inv	BOBJ1	32	After	Interior Girder 5	32	0.95	1	1	11.452367
HS20_str_inv	BOBJ1	32	After	Interior Girder 6	32	0.95	1	1	12.724961
HS20_str_inv	BOBJ1	32	After	Right Exterior Girder	32	0.95	1	1	19.86275
HS20_str_inv	BOBJ1	40	Before	Left Exterior Girder	40	0.95	1	1	19.570405
HS20_str_inv	BOBJ1	40	Before	Interior Girder 1	40	0.95	1	1	12.94979
HS20_str_inv	BOBJ1	40	Before	Interior Girder 2	40	0.95	1	1	11.725779
HS20_str_inv	BOBJ1	40	Before	Interior Girder 3	40	0.95	1	1	10.001636
HS20_str_inv	BOBJ1	40	Before	Interior Girder 4	40	0.95	1	1	10.147354
HS20_str_inv	BOBJ1	40	Before	Interior Girder 5	40	0.95	1	1	11.659918
HS20_str_inv	BOBJ1	40	Before	Interior Girder 6	40	0.95	1	1	12.955628
HS20_str_inv	BOBJ1	40	Before	Right Exterior Girder	40	0.95	1	1	19.570405
HS20_str_inv	BOBJ1	40	After	Left Exterior Girder	40	0.95	1	1	15.867361
HS20_str_inv	BOBJ1	40	After	Interior Girder 1	40	0.95	1	1	9.8414
HS20_str_inv	BOBJ1	40	After	Interior Girder 2	40	0.95	1	1	8.852138
HS20_str_inv	BOBJ1	40	After	Interior Girder 3	40	0.95	1	1	7.856038
HS20_str_inv	BOBJ1	40	After	Interior Girder 4	40	0.95	1	1	7.946732
HS20_str_inv	BOBJ1	40	After	Interior Girder 5	40	0.95	1	1	8.816148
HS20_str_inv	BOBJ1	40	After	Interior Girder 6	40	0.95	1	1	9.892392
HS20_str_inv	BOBJ1	40	After	Right Exterior Girder	40	0.95	1	1	15.867361

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Approach, Span 4-6									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
HS20_str_inv	BOBJ1	46.5	Before	Left Exterior Girder	46.5	0.95	1	1	15.670908
HS20_str_inv	BOBJ1	46.5	Before	Right Exterior Girder	46.5	0.95	1	1	15.670908
HS20_str_inv	BOBJ1	46.5	After	Left Exterior Girder	46.5	0.95	1	1	12.37481
HS20_str_inv	BOBJ1	46.5	After	Right Exterior Girder	46.5	0.95	1	1	12.37481
HS20_str_inv	BOBJ1	48	Before	Left Exterior Girder	48	0.95	1	1	12.341805
HS20_str_inv	BOBJ1	48	Before	Interior Girder 1	48	0.95	1	1	11.32386
HS20_str_inv	BOBJ1	48	Before	Interior Girder 2	48	0.95	1	1	8.686237
HS20_str_inv	BOBJ1	48	Before	Interior Girder 3	48	0.95	1	1	7.709131
HS20_str_inv	BOBJ1	48	Before	Interior Girder 4	48	0.95	1	1	7.798129
HS20_str_inv	BOBJ1	48	Before	Interior Girder 5	48	0.95	1	1	8.650922
HS20_str_inv	BOBJ1	48	Before	Interior Girder 6	48	0.95	1	1	11.358237
HS20_str_inv	BOBJ1	48	Before	Right Exterior Girder	48	0.95	1	1	12.341805
HS20_str_inv	BOBJ1	48	After	Left Exterior Girder	48	0.95	1	1	10.328445
HS20_str_inv	BOBJ1	48	After	Interior Girder 1	48	0.95	1	1	9.41066
HS20_str_inv	BOBJ1	48	After	Interior Girder 2	48	0.95	1	1	8.703788
HS20_str_inv	BOBJ1	48	After	Interior Girder 3	48	0.95	1	1	8.57634
HS20_str_inv	BOBJ1	48	After	Interior Girder 4	48	0.95	1	1	8.596709
HS20_str_inv	BOBJ1	48	After	Interior Girder 5	48	0.95	1	1	8.698456
HS20_str_inv	BOBJ1	48	After	Interior Girder 6	48	0.95	1	1	9.407312
HS20_str_inv	BOBJ1	48	After	Right Exterior Girder	48	0.95	1	1	10.344916
HS20_str_inv	BOBJ1	56	Before	Left Exterior Girder	56	0.95	1	1	10.182185
HS20_str_inv	BOBJ1	56	Before	Interior Girder 1	56	0.95	1	1	9.228758
HS20_str_inv	BOBJ1	56	Before	Interior Girder 2	56	0.95	1	1	8.536514
HS20_str_inv	BOBJ1	56	Before	Interior Girder 3	56	0.95	1	1	8.411571
HS20_str_inv	BOBJ1	56	Before	Interior Girder 4	56	0.95	1	1	8.431549
HS20_str_inv	BOBJ1	56	Before	Interior Girder 5	56	0.95	1	1	8.531285
HS20_str_inv	BOBJ1	56	Before	Interior Girder 6	56	0.95	1	1	9.225474
HS20_str_inv	BOBJ1	56	Before	Right Exterior Girder	56	0.95	1	1	10.198423
HS20_str_inv	BOBJ1	56	After	Left Exterior Girder	56	0.95	1	1	9.110989
HS20_str_inv	BOBJ1	56	After	Interior Girder 1	56	0.95	1	1	6.936157
HS20_str_inv	BOBJ1	56	After	Interior Girder 2	56	0.95	1	1	6.528048
HS20_str_inv	BOBJ1	56	After	Interior Girder 3	56	0.95	1	1	6.046883
HS20_str_inv	BOBJ1	56	After	Interior Girder 4	56	0.95	1	1	6.113146
HS20_str_inv	BOBJ1	56	After	Interior Girder 5	56	0.95	1	1	6.51412
HS20_str_inv	BOBJ1	56	After	Interior Girder 6	56	0.95	1	1	6.952321
HS20_str_inv	BOBJ1	56	After	Right Exterior Girder	56	0.95	1	1	9.123414
HS20_str_inv	BOBJ1	59	Before	Interior Girder 1	59	0.95	1	1	6.884544
HS20_str_inv	BOBJ1	59	Before	Interior Girder 2	59	0.95	1	1	6.47987
HS20_str_inv	BOBJ1	59	Before	Interior Girder 3	59	0.95	1	1	6.002256
HS20_str_inv	BOBJ1	59	Before	Interior Girder 4	59	0.95	1	1	6.068029
HS20_str_inv	BOBJ1	59	Before	Interior Girder 5	59	0.95	1	1	6.466045
HS20_str_inv	BOBJ1	59	Before	Interior Girder 6	59	0.95	1	1	6.900588
HS20_str_inv	BOBJ1	59	After	Interior Girder 1	59	0.95	1	1	4.77011
HS20_str_inv	BOBJ1	59	After	Interior Girder 2	59	0.95	1	1	4.514453
HS20_str_inv	BOBJ1	59	After	Interior Girder 3	59	0.95	1	1	4.069061
HS20_str_inv	BOBJ1	59	After	Interior Girder 4	59	0.95	1	1	4.116105
HS20_str_inv	BOBJ1	59	After	Interior Girder 5	59	0.95	1	1	4.498928
HS20_str_inv	BOBJ1	59	After	Interior Girder 6	59	0.95	1	1	4.790663
HS20_str_inv	BOBJ1	64	Before	Left Exterior Girder	64	0.95	1	1	9.137137
HS20_str_inv	BOBJ1	64	Before	Interior Girder 1	64	0.95	1	1	4.700497
HS20_str_inv	BOBJ1	64	Before	Interior Girder 2	64	0.95	1	1	4.449017
HS20_str_inv	BOBJ1	64	Before	Interior Girder 3	64	0.95	1	1	4.010012
HS20_str_inv	BOBJ1	64	Before	Interior Girder 4	64	0.95	1	1	4.056374
HS20_str_inv	BOBJ1	64	Before	Interior Girder 5	64	0.95	1	1	4.433717
HS20_str_inv	BOBJ1	64	Before	Interior Girder 6	64	0.95	1	1	4.72075
HS20_str_inv	BOBJ1	64	Before	Right Exterior Girder	64	0.95	1	1	9.149953
HS20_str_inv	BOBJ1	64	After	Left Exterior Girder	64	0.95	1	1	6.630521
HS20_str_inv	BOBJ1	64	After	Interior Girder 1	64	0.95	1	1	5.140058
HS20_str_inv	BOBJ1	64	After	Interior Girder 2	64	0.95	1	1	4.694531
HS20_str_inv	BOBJ1	64	After	Interior Girder 3	64	0.95	1	1	4.246954
HS20_str_inv	BOBJ1	64	After	Interior Girder 4	64	0.95	1	1	4.25741
HS20_str_inv	BOBJ1	64	After	Interior Girder 5	64	0.95	1	1	4.690624
HS20_str_inv	BOBJ1	64	After	Interior Girder 6	64	0.95	1	1	5.138409
HS20_str_inv	BOBJ1	64	After	Right Exterior Girder	64	0.95	1	1	6.638199
HS20_str_inv	BOBJ1	69	Before	Interior Girder 1	69	0.95	1	1	5.063714

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Approach, Span 4-6									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
HS20_str_inv	BOBJ1	69	Before	Interior Girder 2	69	0.95	1	1	4.625878
HS20_str_inv	BOBJ1	69	Before	Interior Girder 3	69	0.95	1	1	4.183182
HS20_str_inv	BOBJ1	69	Before	Interior Girder 4	69	0.95	1	1	4.193481
HS20_str_inv	BOBJ1	69	Before	Interior Girder 5	69	0.95	1	1	4.622029
HS20_str_inv	BOBJ1	69	Before	Interior Girder 6	69	0.95	1	1	5.062089
HS20_str_inv	BOBJ1	69	After	Interior Girder 1	69	0.95	1	1	4.243023
HS20_str_inv	BOBJ1	69	After	Interior Girder 2	69	0.95	1	1	3.987861
HS20_str_inv	BOBJ1	69	After	Interior Girder 3	69	0.95	1	1	3.471837
HS20_str_inv	BOBJ1	69	After	Interior Girder 4	69	0.95	1	1	3.493158
HS20_str_inv	BOBJ1	69	After	Interior Girder 5	69	0.95	1	1	3.979626
HS20_str_inv	BOBJ1	69	After	Interior Girder 6	69	0.95	1	1	4.250209
HS20_str_inv	BOBJ1	72	Before	Left Exterior Girder	72	0.95	1	1	4.526726
HS20_str_inv	BOBJ1	72	Before	Interior Girder 1	72	0.95	1	1	4.199607
HS20_str_inv	BOBJ1	72	Before	Interior Girder 2	72	0.95	1	1	3.947845
HS20_str_inv	BOBJ1	72	Before	Interior Girder 3	72	0.95	1	1	3.435944
HS20_str_inv	BOBJ1	72	Before	Interior Girder 4	72	0.95	1	1	3.457045
HS20_str_inv	BOBJ1	72	Before	Interior Girder 5	72	0.95	1	1	3.939693
HS20_str_inv	BOBJ1	72	Before	Interior Girder 6	72	0.95	1	1	4.20672
HS20_str_inv	BOBJ1	72	Before	Right Exterior Girder	72	0.95	1	1	4.531556
HS20_str_inv	BOBJ1	72	After	Left Exterior Girder	72	0.95	1	1	4.24689
HS20_str_inv	BOBJ1	72	After	Interior Girder 1	72	0.95	1	1	4.779995
HS20_str_inv	BOBJ1	72	After	Interior Girder 2	72	0.95	1	1	3.62434
HS20_str_inv	BOBJ1	72	After	Interior Girder 3	72	0.95	1	1	3.086748
HS20_str_inv	BOBJ1	72	After	Interior Girder 4	72	0.95	1	1	3.109301
HS20_str_inv	BOBJ1	72	After	Interior Girder 5	72	0.95	1	1	3.609627
HS20_str_inv	BOBJ1	72	After	Interior Girder 6	72	0.95	1	1	4.803654
HS20_str_inv	BOBJ1	72	After	Right Exterior Girder	72	0.95	1	1	4.251891
HS20_str_inv	BOBJ1	72.5	Before	Left Exterior Girder	72.5	0.95	1	1	4.242344
HS20_str_inv	BOBJ1	72.5	Before	Right Exterior Girder	72.5	0.95	1	1	4.247339
HS20_str_inv	BOBJ1	72.5	After	Left Exterior Girder	72.5	0.95	1	1	6.104738
HS20_str_inv	BOBJ1	72.5	After	Right Exterior Girder	72.5	0.95	1	1	6.111432
HS20_str_inv	BOBJ1	80	Before	Left Exterior Girder	80	0.95	1	1	5.999194
HS20_str_inv	BOBJ1	80	Before	Interior Girder 1	80	0.95	1	1	3.809188
HS20_str_inv	BOBJ1	80	Before	Interior Girder 2	80	0.95	1	1	3.526019
HS20_str_inv	BOBJ1	80	Before	Interior Girder 3	80	0.95	1	1	2.999978
HS20_str_inv	BOBJ1	80	Before	Interior Girder 4	80	0.95	1	1	3.021898
HS20_str_inv	BOBJ1	80	Before	Interior Girder 5	80	0.95	1	1	3.511705
HS20_str_inv	BOBJ1	80	Before	Interior Girder 6	80	0.95	1	1	3.827658
HS20_str_inv	BOBJ1	80	Before	Right Exterior Girder	80	0.95	1	1	6.005773
HS20_str_inv	BOBJ1	80	After	Left Exterior Girder	0	0.95	1	1	6.777735
HS20_str_inv	BOBJ1	80	After	Interior Girder 1	0	0.95	1	1	4.081959
HS20_str_inv	BOBJ1	80	After	Interior Girder 2	0	0.95	1	1	3.812075
HS20_str_inv	BOBJ1	80	After	Interior Girder 3	0	0.95	1	1	3.219702
HS20_str_inv	BOBJ1	80	After	Interior Girder 4	0	0.95	1	1	3.249666
HS20_str_inv	BOBJ1	80	After	Interior Girder 5	0	0.95	1	1	3.796465
HS20_str_inv	BOBJ1	80	After	Interior Girder 6	0	0.95	1	1	4.101852
HS20_str_inv	BOBJ1	80	After	Right Exterior Girder	0	0.95	1	1	6.784671
HS20_str_inv	BOBJ1	87.5	Before	Left Exterior Girder	7.5	0.95	1	1	6.891528
HS20_str_inv	BOBJ1	87.5	Before	Right Exterior Girder	7.5	0.95	1	1	6.89858
HS20_str_inv	BOBJ1	87.5	After	Left Exterior Girder	7.5	0.95	1	1	5.292664
HS20_str_inv	BOBJ1	87.5	After	Right Exterior Girder	7.5	0.95	1	1	5.29838
HS20_str_inv	BOBJ1	88	Before	Left Exterior Girder	8	0.95	1	1	5.297868
HS20_str_inv	BOBJ1	88	Before	Interior Girder 1	8	0.95	1	1	4.675604
HS20_str_inv	BOBJ1	88	Before	Interior Girder 2	8	0.95	1	1	3.913726
HS20_str_inv	BOBJ1	88	Before	Interior Girder 3	8	0.95	1	1	3.308649
HS20_str_inv	BOBJ1	88	Before	Interior Girder 4	8	0.95	1	1	3.339441
HS20_str_inv	BOBJ1	88	Before	Interior Girder 5	8	0.95	1	1	3.8977
HS20_str_inv	BOBJ1	88	Before	Interior Girder 6	8	0.95	1	1	4.698123
HS20_str_inv	BOBJ1	88	Before	Right Exterior Girder	8	0.95	1	1	5.303589
HS20_str_inv	BOBJ1	88	After	Left Exterior Girder	8	0.95	1	1	5.626063
HS20_str_inv	BOBJ1	88	After	Interior Girder 1	8	0.95	1	1	4.568618
HS20_str_inv	BOBJ1	88	After	Interior Girder 2	8	0.95	1	1	4.306231
HS20_str_inv	BOBJ1	88	After	Interior Girder 3	8	0.95	1	1	3.755183
HS20_str_inv	BOBJ1	88	After	Interior Girder 4	8	0.95	1	1	3.777911
HS20_str_inv	BOBJ1	88	After	Interior Girder 5	8	0.95	1	1	4.297502

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Approach, Span 4-6									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
HS20_str_inv	BOBJ1	88	After	Interior Girder 6	8	0.95	1	1	4.576367
HS20_str_inv	BOBJ1	88	After	Right Exterior Girder	8	0.95	1	1	5.632457
HS20_str_inv	BOBJ1	91	Before	Interior Girder 1	11	0.95	1	1	4.613609
HS20_str_inv	BOBJ1	91	Before	Interior Girder 2	11	0.95	1	1	4.348034
HS20_str_inv	BOBJ1	91	Before	Interior Girder 3	11	0.95	1	1	3.792712
HS20_str_inv	BOBJ1	91	Before	Interior Girder 4	11	0.95	1	1	3.815668
HS20_str_inv	BOBJ1	91	Before	Interior Girder 5	11	0.95	1	1	4.33922
HS20_str_inv	BOBJ1	91	Before	Interior Girder 6	11	0.95	1	1	4.621434
HS20_str_inv	BOBJ1	91	After	Interior Girder 1	11	0.95	1	1	5.552367
HS20_str_inv	BOBJ1	91	After	Interior Girder 2	11	0.95	1	1	5.124579
HS20_str_inv	BOBJ1	91	After	Interior Girder 3	11	0.95	1	1	4.649774
HS20_str_inv	BOBJ1	91	After	Interior Girder 4	11	0.95	1	1	4.659612
HS20_str_inv	BOBJ1	91	After	Interior Girder 5	11	0.95	1	1	5.120564
HS20_str_inv	BOBJ1	91	After	Interior Girder 6	11	0.95	1	1	5.550404
HS20_str_inv	BOBJ1	96	Before	Left Exterior Girder	16	0.95	1	1	7.778617
HS20_str_inv	BOBJ1	96	Before	Interior Girder 1	16	0.95	1	1	5.632376
HS20_str_inv	BOBJ1	96	Before	Interior Girder 2	16	0.95	1	1	5.197465
HS20_str_inv	BOBJ1	96	Before	Interior Girder 3	16	0.95	1	1	4.717638
HS20_str_inv	BOBJ1	96	Before	Interior Girder 4	16	0.95	1	1	4.727619
HS20_str_inv	BOBJ1	96	Before	Interior Girder 5	16	0.95	1	1	5.193392
HS20_str_inv	BOBJ1	96	Before	Interior Girder 6	16	0.95	1	1	5.630384
HS20_str_inv	BOBJ1	96	Before	Right Exterior Girder	16	0.95	1	1	7.787183
HS20_str_inv	BOBJ1	96	After	Left Exterior Girder	16	0.95	1	1	7.701768
HS20_str_inv	BOBJ1	96	After	Interior Girder 1	16	0.95	1	1	5.829451
HS20_str_inv	BOBJ1	96	After	Interior Girder 2	16	0.95	1	1	5.550311
HS20_str_inv	BOBJ1	96	After	Interior Girder 3	16	0.95	1	1	5.159526
HS20_str_inv	BOBJ1	96	After	Interior Girder 4	16	0.95	1	1	5.208988
HS20_str_inv	BOBJ1	96	After	Interior Girder 5	16	0.95	1	1	5.530418
HS20_str_inv	BOBJ1	96	After	Interior Girder 6	16	0.95	1	1	5.854468
HS20_str_inv	BOBJ1	96	After	Right Exterior Girder	16	0.95	1	1	7.712203
HS20_str_inv	BOBJ1	104	Before	Left Exterior Girder	24	0.95	1	1	7.830587
HS20_str_inv	BOBJ1	104	Before	Interior Girder 1	24	0.95	1	1	5.961372
HS20_str_inv	BOBJ1	104	Before	Interior Girder 2	24	0.95	1	1	5.675461
HS20_str_inv	BOBJ1	104	Before	Interior Girder 3	24	0.95	1	1	5.275848
HS20_str_inv	BOBJ1	104	Before	Interior Girder 4	24	0.95	1	1	5.326426
HS20_str_inv	BOBJ1	104	Before	Interior Girder 5	24	0.95	1	1	5.655119
HS20_str_inv	BOBJ1	104	Before	Interior Girder 6	24	0.95	1	1	5.986955
HS20_str_inv	BOBJ1	104	Before	Right Exterior Girder	24	0.95	1	1	7.841196
HS20_str_inv	BOBJ1	104	After	Left Exterior Girder	24	0.95	1	1	9.128774
HS20_str_inv	BOBJ1	104	After	Interior Girder 1	24	0.95	1	1	8.392555
HS20_str_inv	BOBJ1	104	After	Interior Girder 2	24	0.95	1	1	7.835075
HS20_str_inv	BOBJ1	104	After	Interior Girder 3	24	0.95	1	1	7.771699
HS20_str_inv	BOBJ1	104	After	Interior Girder 4	24	0.95	1	1	7.789028
HS20_str_inv	BOBJ1	104	After	Interior Girder 5	24	0.95	1	1	7.831437
HS20_str_inv	BOBJ1	104	After	Interior Girder 6	24	0.95	1	1	8.387259
HS20_str_inv	BOBJ1	104	After	Right Exterior Girder	24	0.95	1	1	9.144026
HS20_str_inv	BOBJ1	112	Before	Left Exterior Girder	32	0.95	1	1	9.274245
HS20_str_inv	BOBJ1	112	Before	Interior Girder 1	32	0.95	1	1	8.577176
HS20_str_inv	BOBJ1	112	Before	Interior Girder 2	32	0.95	1	1	8.006444
HS20_str_inv	BOBJ1	112	Before	Interior Girder 3	32	0.95	1	1	7.941556
HS20_str_inv	BOBJ1	112	Before	Interior Girder 4	32	0.95	1	1	7.959264
HS20_str_inv	BOBJ1	112	Before	Interior Girder 5	32	0.95	1	1	8.002727
HS20_str_inv	BOBJ1	112	Before	Interior Girder 6	32	0.95	1	1	8.571763
HS20_str_inv	BOBJ1	112	Before	Right Exterior Girder	32	0.95	1	1	9.28974
HS20_str_inv	BOBJ1	112	After	Left Exterior Girder	32	0.95	1	1	15.809406
HS20_str_inv	BOBJ1	112	After	Interior Girder 1	32	0.95	1	1	8.819211
HS20_str_inv	BOBJ1	112	After	Interior Girder 2	32	0.95	1	1	8.073242
HS20_str_inv	BOBJ1	112	After	Interior Girder 3	32	0.95	1	1	7.031364
HS20_str_inv	BOBJ1	112	After	Interior Girder 4	32	0.95	1	1	7.118288
HS20_str_inv	BOBJ1	112	After	Interior Girder 5	32	0.95	1	1	8.030122
HS20_str_inv	BOBJ1	112	After	Interior Girder 6	32	0.95	1	1	8.824142
HS20_str_inv	BOBJ1	112	After	Right Exterior Girder	32	0.95	1	1	15.809406
HS20_str_inv	BOBJ1	120	Before	Left Exterior Girder	40	0.95	1	1	16.051531
HS20_str_inv	BOBJ1	120	Before	Interior Girder 1	40	0.95	1	1	9.006061
HS20_str_inv	BOBJ1	120	Before	Interior Girder 2	40	0.95	1	1	8.244464

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Approach, Span 4-6									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
HS20_str_inv	BOBJ1	120	Before	Interior Girder 3	40	0.95	1	1	7.180407
HS20_str_inv	BOBJ1	120	Before	Interior Girder 4	40	0.95	1	1	7.269174
HS20_str_inv	BOBJ1	120	Before	Interior Girder 5	40	0.95	1	1	8.200429
HS20_str_inv	BOBJ1	120	Before	Interior Girder 6	40	0.95	1	1	9.011097
HS20_str_inv	BOBJ1	120	Before	Right Exterior Girder	40	0.95	1	1	16.051531
HS20_str_inv	BOBJ1	120	After	Left Exterior Girder	40	0.95	1	1	16.687677
HS20_str_inv	BOBJ1	120	After	Interior Girder 1	40	0.95	1	1	9.096268
HS20_str_inv	BOBJ1	120	After	Interior Girder 2	40	0.95	1	1	8.323383
HS20_str_inv	BOBJ1	120	After	Interior Girder 3	40	0.95	1	1	7.23301
HS20_str_inv	BOBJ1	120	After	Interior Girder 4	40	0.95	1	1	7.323444
HS20_str_inv	BOBJ1	120	After	Interior Girder 5	40	0.95	1	1	8.278761
HS20_str_inv	BOBJ1	120	After	Interior Girder 6	40	0.95	1	1	9.099157
HS20_str_inv	BOBJ1	120	After	Right Exterior Girder	40	0.95	1	1	16.687677
HS20_str_inv	BOBJ1	128	Before	Left Exterior Girder	48	0.95	1	1	16.436513
HS20_str_inv	BOBJ1	128	Before	Interior Girder 1	48	0.95	1	1	8.907702
HS20_str_inv	BOBJ1	128	Before	Interior Girder 2	48	0.95	1	1	8.150654
HS20_str_inv	BOBJ1	128	Before	Interior Girder 3	48	0.95	1	1	7.082957
HS20_str_inv	BOBJ1	128	Before	Interior Girder 4	48	0.95	1	1	7.171515
HS20_str_inv	BOBJ1	128	Before	Interior Girder 5	48	0.95	1	1	8.106957
HS20_str_inv	BOBJ1	128	Before	Interior Girder 6	48	0.95	1	1	8.910532
HS20_str_inv	BOBJ1	128	Before	Right Exterior Girder	48	0.95	1	1	16.436513
HS20_str_inv	BOBJ1	128	After	Left Exterior Girder	48	0.95	1	1	9.557915
HS20_str_inv	BOBJ1	128	After	Interior Girder 1	48	0.95	1	1	8.686943
HS20_str_inv	BOBJ1	128	After	Interior Girder 2	48	0.95	1	1	8.104992
HS20_str_inv	BOBJ1	128	After	Interior Girder 3	48	0.95	1	1	8.04037
HS20_str_inv	BOBJ1	128	After	Interior Girder 4	48	0.95	1	1	8.058522
HS20_str_inv	BOBJ1	128	After	Interior Girder 5	48	0.95	1	1	8.101231
HS20_str_inv	BOBJ1	128	After	Interior Girder 6	48	0.95	1	1	8.681386
HS20_str_inv	BOBJ1	128	After	Right Exterior Girder	48	0.95	1	1	9.574015
HS20_str_inv	BOBJ1	136	Before	Left Exterior Girder	56	0.95	1	1	9.408393
HS20_str_inv	BOBJ1	136	Before	Interior Girder 1	56	0.95	1	1	8.500071
HS20_str_inv	BOBJ1	136	Before	Interior Girder 2	56	0.95	1	1	7.93158
HS20_str_inv	BOBJ1	136	Before	Interior Girder 3	56	0.95	1	1	7.868547
HS20_str_inv	BOBJ1	136	Before	Interior Girder 4	56	0.95	1	1	7.886312
HS20_str_inv	BOBJ1	136	Before	Interior Girder 5	56	0.95	1	1	7.9279
HS20_str_inv	BOBJ1	136	Before	Interior Girder 6	56	0.95	1	1	8.494634
HS20_str_inv	BOBJ1	136	Before	Right Exterior Girder	56	0.95	1	1	9.424242
HS20_str_inv	BOBJ1	136	After	Left Exterior Girder	56	0.95	1	1	8.042742
HS20_str_inv	BOBJ1	136	After	Interior Girder 1	56	0.95	1	1	6.018832
HS20_str_inv	BOBJ1	136	After	Interior Girder 2	56	0.95	1	1	5.728641
HS20_str_inv	BOBJ1	136	After	Interior Girder 3	56	0.95	1	1	5.3245
HS20_str_inv	BOBJ1	136	After	Interior Girder 4	56	0.95	1	1	5.375737
HS20_str_inv	BOBJ1	136	After	Interior Girder 5	56	0.95	1	1	5.708088
HS20_str_inv	BOBJ1	136	After	Interior Girder 6	56	0.95	1	1	6.044737
HS20_str_inv	BOBJ1	136	After	Right Exterior Girder	56	0.95	1	1	8.053667
HS20_str_inv	BOBJ1	144	Before	Left Exterior Girder	64	0.95	1	1	7.910822
HS20_str_inv	BOBJ1	144	Before	Interior Girder 1	64	0.95	1	1	5.885707
HS20_str_inv	BOBJ1	144	Before	Interior Girder 2	64	0.95	1	1	5.602353
HS20_str_inv	BOBJ1	144	Before	Interior Girder 3	64	0.95	1	1	5.20722
HS20_str_inv	BOBJ1	144	Before	Interior Girder 4	64	0.95	1	1	5.257329
HS20_str_inv	BOBJ1	144	Before	Interior Girder 5	64	0.95	1	1	5.582253
HS20_str_inv	BOBJ1	144	Before	Interior Girder 6	64	0.95	1	1	5.911039
HS20_str_inv	BOBJ1	144	Before	Right Exterior Girder	64	0.95	1	1	7.921567
HS20_str_inv	BOBJ1	144	After	Left Exterior Girder	64	0.95	1	1	7.373771
HS20_str_inv	BOBJ1	144	After	Interior Girder 1	64	0.95	1	1	5.683865
HS20_str_inv	BOBJ1	144	After	Interior Girder 2	64	0.95	1	1	5.241246
HS20_str_inv	BOBJ1	144	After	Interior Girder 3	64	0.95	1	1	4.789013
HS20_str_inv	BOBJ1	144	After	Interior Girder 4	64	0.95	1	1	4.797837
HS20_str_inv	BOBJ1	144	After	Interior Girder 5	64	0.95	1	1	5.236617
HS20_str_inv	BOBJ1	144	After	Interior Girder 6	64	0.95	1	1	5.682766
HS20_str_inv	BOBJ1	144	After	Right Exterior Girder	64	0.95	1	1	7.381847
HS20_str_inv	BOBJ1	150	Before	Interior Girder 1	70	0.95	1	1	5.586926
HS20_str_inv	BOBJ1	150	Before	Interior Girder 2	70	0.95	1	1	5.152935
HS20_str_inv	BOBJ1	150	Before	Interior Girder 3	70	0.95	1	1	4.706461
HS20_str_inv	BOBJ1	150	Before	Interior Girder 4	70	0.95	1	1	4.715132

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Approach, Span 4-6									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
HS20_str_inv	BOBJ1	150	Before	Interior Girder 5	70	0.95	1	1	5.148383
HS20_str_inv	BOBJ1	150	Before	Interior Girder 6	70	0.95	1	1	5.585845
HS20_str_inv	BOBJ1	150	After	Interior Girder 1	70	0.95	1	1	4.310769
HS20_str_inv	BOBJ1	150	After	Interior Girder 2	70	0.95	1	1	4.199014
HS20_str_inv	BOBJ1	150	After	Interior Girder 3	70	0.95	1	1	3.632176
HS20_str_inv	BOBJ1	150	After	Interior Girder 4	70	0.95	1	1	3.662127
HS20_str_inv	BOBJ1	150	After	Interior Girder 5	70	0.95	1	1	4.190978
HS20_str_inv	BOBJ1	150	After	Interior Girder 6	70	0.95	1	1	4.317992
HS20_str_inv	BOBJ1	152	Before	Left Exterior Girder	72	0.95	1	1	7.316509
HS20_str_inv	BOBJ1	152	Before	Interior Girder 1	72	0.95	1	1	4.282795
HS20_str_inv	BOBJ1	152	Before	Interior Girder 2	72	0.95	1	1	4.172333
HS20_str_inv	BOBJ1	152	Before	Interior Girder 3	72	0.95	1	1	3.608461
HS20_str_inv	BOBJ1	152	Before	Interior Girder 4	72	0.95	1	1	3.638215
HS20_str_inv	BOBJ1	152	Before	Interior Girder 5	72	0.95	1	1	4.164349
HS20_str_inv	BOBJ1	152	Before	Interior Girder 6	72	0.95	1	1	4.28997
HS20_str_inv	BOBJ1	152	Before	Right Exterior Girder	72	0.95	1	1	7.325114
HS20_str_inv	BOBJ1	152	After	Left Exterior Girder	72	0.95	1	1	6.398477
HS20_str_inv	BOBJ1	152	After	Interior Girder 1	72	0.95	1	1	3.847083
HS20_str_inv	BOBJ1	152	After	Interior Girder 2	72	0.95	1	1	3.926611
HS20_str_inv	BOBJ1	152	After	Interior Girder 3	72	0.95	1	1	3.336416
HS20_str_inv	BOBJ1	152	After	Interior Girder 4	72	0.95	1	1	3.367551
HS20_str_inv	BOBJ1	152	After	Interior Girder 5	72	0.95	1	1	3.910362
HS20_str_inv	BOBJ1	152	After	Interior Girder 6	72	0.95	1	1	3.863356
HS20_str_inv	BOBJ1	152	After	Right Exterior Girder	72	0.95	1	1	6.405225
HS20_str_inv	BOBJ1	154	Before	Left Exterior Girder	74	0.95	1	1	6.372801
HS20_str_inv	BOBJ1	154	Before	Right Exterior Girder	74	0.95	1	1	6.379522
HS20_str_inv	BOBJ1	154	After	Left Exterior Girder	74	0.95	1	1	6.42023
HS20_str_inv	BOBJ1	154	After	Right Exterior Girder	74	0.95	1	1	6.426664
HS20_str_inv	BOBJ1	160	Before	Left Exterior Girder	80	0.95	1	1	6.332715
HS20_str_inv	BOBJ1	160	Before	Interior Girder 1	80	0.95	1	1	4.114289
HS20_str_inv	BOBJ1	160	Before	Interior Girder 2	80	0.95	1	1	3.825834
HS20_str_inv	BOBJ1	160	Before	Interior Girder 3	80	0.95	1	1	3.248057
HS20_str_inv	BOBJ1	160	Before	Interior Girder 4	80	0.95	1	1	3.278367
HS20_str_inv	BOBJ1	160	Before	Interior Girder 5	80	0.95	1	1	3.810002
HS20_str_inv	BOBJ1	160	Before	Interior Girder 6	80	0.95	1	1	4.134964
HS20_str_inv	BOBJ1	160	Before	Right Exterior Girder	80	0.95	1	1	6.33906
HS20_str_inv	BOBJ1	160	After	Left Exterior Girder	0	0.95	1	1	5.580519
HS20_str_inv	BOBJ1	160	After	Interior Girder 1	0	0.95	1	1	3.822396
HS20_str_inv	BOBJ1	160	After	Interior Girder 2	0	0.95	1	1	3.530541
HS20_str_inv	BOBJ1	160	After	Interior Girder 3	0	0.95	1	1	3.020192
HS20_str_inv	BOBJ1	160	After	Interior Girder 4	0	0.95	1	1	3.040394
HS20_str_inv	BOBJ1	160	After	Interior Girder 5	0	0.95	1	1	3.516154
HS20_str_inv	BOBJ1	160	After	Interior Girder 6	0	0.95	1	1	3.841275
HS20_str_inv	BOBJ1	160	After	Right Exterior Girder	0	0.95	1	1	5.586305
HS20_str_inv	BOBJ1	166	Before	Left Exterior Girder	6	0.95	1	1	5.661306
HS20_str_inv	BOBJ1	166	Before	Right Exterior Girder	6	0.95	1	1	5.667176
HS20_str_inv	BOBJ1	166	After	Left Exterior Girder	6	0.95	1	1	5.402417
HS20_str_inv	BOBJ1	166	After	Right Exterior Girder	6	0.95	1	1	5.408263
HS20_str_inv	BOBJ1	168	Before	Left Exterior Girder	8	0.95	1	1	5.425377
HS20_str_inv	BOBJ1	168	Before	Interior Girder 1	8	0.95	1	1	3.638453
HS20_str_inv	BOBJ1	168	Before	Interior Girder 2	8	0.95	1	1	3.627673
HS20_str_inv	BOBJ1	168	Before	Interior Girder 3	8	0.95	1	1	3.106324
HS20_str_inv	BOBJ1	168	Before	Interior Girder 4	8	0.95	1	1	3.127103
HS20_str_inv	BOBJ1	168	Before	Interior Girder 5	8	0.95	1	1	3.61289
HS20_str_inv	BOBJ1	168	Before	Interior Girder 6	8	0.95	1	1	3.653812
HS20_str_inv	BOBJ1	168	Before	Right Exterior Girder	8	0.95	1	1	5.431247
HS20_str_inv	BOBJ1	168	After	Left Exterior Girder	8	0.95	1	1	6.174178
HS20_str_inv	BOBJ1	168	After	Interior Girder 1	8	0.95	1	1	3.931711
HS20_str_inv	BOBJ1	168	After	Interior Girder 2	8	0.95	1	1	3.824834
HS20_str_inv	BOBJ1	168	After	Interior Girder 3	8	0.95	1	1	3.308653
HS20_str_inv	BOBJ1	168	After	Interior Girder 4	8	0.95	1	1	3.332533
HS20_str_inv	BOBJ1	168	After	Interior Girder 5	8	0.95	1	1	3.817377
HS20_str_inv	BOBJ1	168	After	Interior Girder 6	8	0.95	1	1	3.938204
HS20_str_inv	BOBJ1	168	After	Right Exterior Girder	8	0.95	1	1	6.180376
HS20_str_inv	BOBJ1	170	Before	Interior Girder 1	10	0.95	1	1	3.958641

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Approach, Span 4-6									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
HS20_str_inv	BOBJ1	170	Before	Interior Girder 2	10	0.95	1	1	3.850346
HS20_str_inv	BOBJ1	170	Before	Interior Girder 3	10	0.95	1	1	3.331412
HS20_str_inv	BOBJ1	170	Before	Interior Girder 4	10	0.95	1	1	3.355456
HS20_str_inv	BOBJ1	170	Before	Interior Girder 5	10	0.95	1	1	3.842838
HS20_str_inv	BOBJ1	170	Before	Interior Girder 6	10	0.95	1	1	3.965178
HS20_str_inv	BOBJ1	170	After	Interior Girder 1	10	0.95	1	1	5.046243
HS20_str_inv	BOBJ1	170	After	Interior Girder 2	10	0.95	1	1	4.624733
HS20_str_inv	BOBJ1	170	After	Interior Girder 3	10	0.95	1	1	4.223685
HS20_str_inv	BOBJ1	170	After	Interior Girder 4	10	0.95	1	1	4.232791
HS20_str_inv	BOBJ1	170	After	Interior Girder 5	10	0.95	1	1	4.620365
HS20_str_inv	BOBJ1	170	After	Interior Girder 6	10	0.95	1	1	5.0455
HS20_str_inv	BOBJ1	176	Before	Left Exterior Girder	16	0.95	1	1	6.242341
HS20_str_inv	BOBJ1	176	Before	Interior Girder 1	16	0.95	1	1	5.137643
HS20_str_inv	BOBJ1	176	Before	Interior Girder 2	16	0.95	1	1	4.70737
HS20_str_inv	BOBJ1	176	Before	Interior Girder 3	16	0.95	1	1	4.301163
HS20_str_inv	BOBJ1	176	Before	Interior Girder 4	16	0.95	1	1	4.310436
HS20_str_inv	BOBJ1	176	Before	Interior Girder 5	16	0.95	1	1	4.702923
HS20_str_inv	BOBJ1	176	Before	Interior Girder 6	16	0.95	1	1	5.136886
HS20_str_inv	BOBJ1	176	Before	Right Exterior Girder	16	0.95	1	1	6.249265
HS20_str_inv	BOBJ1	176	After	Left Exterior Girder	16	0.95	1	1	8.832968
HS20_str_inv	BOBJ1	176	After	Interior Girder 1	16	0.95	1	1	4.609976
HS20_str_inv	BOBJ1	176	After	Interior Girder 2	16	0.95	1	1	4.453047
HS20_str_inv	BOBJ1	176	After	Interior Girder 3	16	0.95	1	1	4.044244
HS20_str_inv	BOBJ1	176	After	Interior Girder 4	16	0.95	1	1	4.091155
HS20_str_inv	BOBJ1	176	After	Interior Girder 5	16	0.95	1	1	4.437802
HS20_str_inv	BOBJ1	176	After	Interior Girder 6	16	0.95	1	1	4.629556
HS20_str_inv	BOBJ1	176	After	Right Exterior Girder	16	0.95	1	1	8.844888
HS20_str_inv	BOBJ1	181	Before	Interior Girder 1	21	0.95	1	1	4.678358
HS20_str_inv	BOBJ1	181	Before	Interior Girder 2	21	0.95	1	1	4.518492
HS20_str_inv	BOBJ1	181	Before	Interior Girder 3	21	0.95	1	1	4.103684
HS20_str_inv	BOBJ1	181	Before	Interior Girder 4	21	0.95	1	1	4.151284
HS20_str_inv	BOBJ1	181	Before	Interior Girder 5	21	0.95	1	1	4.503024
HS20_str_inv	BOBJ1	181	Before	Interior Girder 6	21	0.95	1	1	4.698229
HS20_str_inv	BOBJ1	181	After	Interior Girder 1	21	0.95	1	1	6.355984
HS20_str_inv	BOBJ1	181	After	Interior Girder 2	21	0.95	1	1	6.13296
HS20_str_inv	BOBJ1	181	After	Interior Girder 3	21	0.95	1	1	5.729127
HS20_str_inv	BOBJ1	181	After	Interior Girder 4	21	0.95	1	1	5.79225
HS20_str_inv	BOBJ1	181	After	Interior Girder 5	21	0.95	1	1	6.120003
HS20_str_inv	BOBJ1	181	After	Interior Girder 6	21	0.95	1	1	6.370672
HS20_str_inv	BOBJ1	184	Before	Left Exterior Girder	24	0.95	1	1	8.785809
HS20_str_inv	BOBJ1	184	Before	Interior Girder 1	24	0.95	1	1	6.405506
HS20_str_inv	BOBJ1	184	Before	Interior Girder 2	24	0.95	1	1	6.180201
HS20_str_inv	BOBJ1	184	Before	Interior Girder 3	24	0.95	1	1	5.77322
HS20_str_inv	BOBJ1	184	Before	Interior Girder 4	24	0.95	1	1	5.836828
HS20_str_inv	BOBJ1	184	Before	Interior Girder 5	24	0.95	1	1	6.167144
HS20_str_inv	BOBJ1	184	Before	Interior Girder 6	24	0.95	1	1	6.420309
HS20_str_inv	BOBJ1	184	Before	Right Exterior Girder	24	0.95	1	1	8.797096
HS20_str_inv	BOBJ1	184	After	Left Exterior Girder	24	0.95	1	1	9.884444
HS20_str_inv	BOBJ1	184	After	Interior Girder 1	24	0.95	1	1	8.447804
HS20_str_inv	BOBJ1	184	After	Interior Girder 2	24	0.95	1	1	8.101783
HS20_str_inv	BOBJ1	184	After	Interior Girder 3	24	0.95	1	1	8.080982
HS20_str_inv	BOBJ1	184	After	Interior Girder 4	24	0.95	1	1	8.100571
HS20_str_inv	BOBJ1	184	After	Interior Girder 5	24	0.95	1	1	8.097182
HS20_str_inv	BOBJ1	184	After	Interior Girder 6	24	0.95	1	1	8.445111
HS20_str_inv	BOBJ1	184	After	Right Exterior Girder	24	0.95	1	1	9.899703
HS20_str_inv	BOBJ1	192	Before	Left Exterior Girder	32	0.95	1	1	10.031891
HS20_str_inv	BOBJ1	192	Before	Interior Girder 1	32	0.95	1	1	8.620698
HS20_str_inv	BOBJ1	192	Before	Interior Girder 2	32	0.95	1	1	8.266155
HS20_str_inv	BOBJ1	192	Before	Interior Girder 3	32	0.95	1	1	8.244749
HS20_str_inv	BOBJ1	192	Before	Interior Girder 4	32	0.95	1	1	8.264734
HS20_str_inv	BOBJ1	192	Before	Interior Girder 5	32	0.95	1	1	8.261461
HS20_str_inv	BOBJ1	192	Before	Interior Girder 6	32	0.95	1	1	8.61795
HS20_str_inv	BOBJ1	192	Before	Right Exterior Girder	32	0.95	1	1	10.047379
HS20_str_inv	BOBJ1	192	After	Left Exterior Girder	32	0.95	1	1	15.530101
HS20_str_inv	BOBJ1	192	After	Interior Girder 1	32	0.95	1	1	8.938645

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Approach, Span 4-6									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
HS20_str_inv	BOBJ1	192	After	Interior Girder 2	32	0.95	1	1	8.333404
HS20_str_inv	BOBJ1	192	After	Interior Girder 3	32	0.95	1	1	7.431026
HS20_str_inv	BOBJ1	192	After	Interior Girder 4	32	0.95	1	1	7.517561
HS20_str_inv	BOBJ1	192	After	Interior Girder 5	32	0.95	1	1	8.29969
HS20_str_inv	BOBJ1	192	After	Interior Girder 6	32	0.95	1	1	8.984517
HS20_str_inv	BOBJ1	192	After	Right Exterior Girder	32	0.95	1	1	15.530101
HS20_str_inv	BOBJ1	200	Before	Left Exterior Girder	40	0.95	1	1	15.754588
HS20_str_inv	BOBJ1	200	Before	Interior Girder 1	40	0.95	1	1	9.115236
HS20_str_inv	BOBJ1	200	Before	Interior Girder 2	40	0.95	1	1	8.497921
HS20_str_inv	BOBJ1	200	Before	Interior Girder 3	40	0.95	1	1	7.577312
HS20_str_inv	BOBJ1	200	Before	Interior Girder 4	40	0.95	1	1	7.665551
HS20_str_inv	BOBJ1	200	Before	Interior Girder 5	40	0.95	1	1	8.463541
HS20_str_inv	BOBJ1	200	Before	Interior Girder 6	40	0.95	1	1	9.162015
HS20_str_inv	BOBJ1	200	Before	Right Exterior Girder	40	0.95	1	1	15.754588
HS20_str_inv	BOBJ1	200	After	Left Exterior Girder	40	0.95	1	1	19.595129
HS20_str_inv	BOBJ1	200	After	Interior Girder 1	40	0.95	1	1	12.57761
HS20_str_inv	BOBJ1	200	After	Interior Girder 2	40	0.95	1	1	11.131729
HS20_str_inv	BOBJ1	200	After	Interior Girder 3	40	0.95	1	1	9.450836
HS20_str_inv	BOBJ1	200	After	Interior Girder 4	40	0.95	1	1	9.585208
HS20_str_inv	BOBJ1	200	After	Interior Girder 5	40	0.95	1	1	11.068476
HS20_str_inv	BOBJ1	200	After	Interior Girder 6	40	0.95	1	1	12.582834
HS20_str_inv	BOBJ1	200	After	Right Exterior Girder	40	0.95	1	1	19.595129
HS20_str_inv	BOBJ1	208	Before	Left Exterior Girder	48	0.95	1	1	19.868044
HS20_str_inv	BOBJ1	208	Before	Interior Girder 1	48	0.95	1	1	12.347394
HS20_str_inv	BOBJ1	208	Before	Interior Girder 2	48	0.95	1	1	10.927479
HS20_str_inv	BOBJ1	208	Before	Interior Girder 3	48	0.95	1	1	9.277077
HS20_str_inv	BOBJ1	208	Before	Interior Girder 4	48	0.95	1	1	9.408978
HS20_str_inv	BOBJ1	208	Before	Interior Girder 5	48	0.95	1	1	10.865386
HS20_str_inv	BOBJ1	208	Before	Interior Girder 6	48	0.95	1	1	12.352523
HS20_str_inv	BOBJ1	208	Before	Right Exterior Girder	48	0.95	1	1	19.868044
HS20_str_inv	BOBJ1	208	After	Left Exterior Girder	48	0.95	1	1	15.962384
HS20_str_inv	BOBJ1	208	After	Interior Girder 1	48	0.95	1	1	12.558723
HS20_str_inv	BOBJ1	208	After	Interior Girder 2	48	0.95	1	1	11.576315
HS20_str_inv	BOBJ1	208	After	Interior Girder 3	48	0.95	1	1	10.246415
HS20_str_inv	BOBJ1	208	After	Interior Girder 4	48	0.95	1	1	10.408643
HS20_str_inv	BOBJ1	208	After	Interior Girder 5	48	0.95	1	1	11.571032
HS20_str_inv	BOBJ1	208	After	Interior Girder 6	48	0.95	1	1	12.550519
HS20_str_inv	BOBJ1	208	After	Right Exterior Girder	48	0.95	1	1	15.992194
HS20_str_inv	BOBJ1	216	Before	Left Exterior Girder	56	0.95	1	1	15.74293
HS20_str_inv	BOBJ1	216	Before	Interior Girder 1	56	0.95	1	1	12.321086
HS20_str_inv	BOBJ1	216	Before	Interior Girder 2	56	0.95	1	1	11.357908
HS20_str_inv	BOBJ1	216	Before	Interior Girder 3	56	0.95	1	1	10.437866
HS20_str_inv	BOBJ1	216	Before	Interior Girder 4	56	0.95	1	1	10.603125
HS20_str_inv	BOBJ1	216	Before	Interior Girder 5	56	0.95	1	1	11.352724
HS20_str_inv	BOBJ1	216	Before	Interior Girder 6	56	0.95	1	1	12.313037
HS20_str_inv	BOBJ1	216	Before	Right Exterior Girder	56	0.95	1	1	15.77233
HS20_str_inv	BOBJ1	216	After	Left Exterior Girder	56	0.95	1	1	13.392595
HS20_str_inv	BOBJ1	216	After	Interior Girder 1	56	0.95	1	1	8.567502
HS20_str_inv	BOBJ1	216	After	Interior Girder 2	56	0.95	1	1	8.077535
HS20_str_inv	BOBJ1	216	After	Interior Girder 3	56	0.95	1	1	7.318354
HS20_str_inv	BOBJ1	216	After	Interior Girder 4	56	0.95	1	1	7.402
HS20_str_inv	BOBJ1	216	After	Interior Girder 5	56	0.95	1	1	8.046541
HS20_str_inv	BOBJ1	216	After	Interior Girder 6	56	0.95	1	1	8.609284
HS20_str_inv	BOBJ1	216	After	Right Exterior Girder	56	0.95	1	1	13.412192
HS20_str_inv	BOBJ1	224	Before	Left Exterior Girder	64	0.95	1	1	13.201569
HS20_str_inv	BOBJ1	224	Before	Interior Girder 1	64	0.95	1	1	8.401415
HS20_str_inv	BOBJ1	224	Before	Interior Girder 2	64	0.95	1	1	7.92111
HS20_str_inv	BOBJ1	224	Before	Interior Girder 3	64	0.95	1	1	7.176686
HS20_str_inv	BOBJ1	224	Before	Interior Girder 4	64	0.95	1	1	7.258713
HS20_str_inv	BOBJ1	224	Before	Interior Girder 5	64	0.95	1	1	7.890716
HS20_str_inv	BOBJ1	224	Before	Interior Girder 6	64	0.95	1	1	8.442386
HS20_str_inv	BOBJ1	224	Before	Right Exterior Girder	64	0.95	1	1	13.220886
HS20_str_inv	BOBJ1	224	After	Left Exterior Girder	64	0.95	1	1	8.994829
HS20_str_inv	BOBJ1	224	After	Interior Girder 1	64	0.95	1	1	7.963112
HS20_str_inv	BOBJ1	224	After	Interior Girder 2	64	0.95	1	1	7.502144

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Approach, Span 4-6									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
HS20_str_inv	BOBJ1	224	After	Interior Girder 3	64	0.95	1	1	7.164221
HS20_str_inv	BOBJ1	224	After	Interior Girder 4	64	0.95	1	1	7.182844
HS20_str_inv	BOBJ1	224	After	Interior Girder 5	64	0.95	1	1	7.495965
HS20_str_inv	BOBJ1	224	After	Interior Girder 6	64	0.95	1	1	7.962508
HS20_str_inv	BOBJ1	224	After	Right Exterior Girder	64	0.95	1	1	9.003748
HS20_str_inv	BOBJ1	232	Before	Left Exterior Girder	72	0.95	1	1	8.862015
HS20_str_inv	BOBJ1	232	Before	Interior Girder 1	72	0.95	1	1	7.803906
HS20_str_inv	BOBJ1	232	Before	Interior Girder 2	72	0.95	1	1	7.353288
HS20_str_inv	BOBJ1	232	Before	Interior Girder 3	72	0.95	1	1	7.021149
HS20_str_inv	BOBJ1	232	Before	Interior Girder 4	72	0.95	1	1	7.0394
HS20_str_inv	BOBJ1	232	Before	Interior Girder 5	72	0.95	1	1	7.347231
HS20_str_inv	BOBJ1	232	Before	Interior Girder 6	72	0.95	1	1	7.803314
HS20_str_inv	BOBJ1	232	Before	Right Exterior Girder	72	0.95	1	1	8.870802
HS20_str_inv	BOBJ1	232	After	Left Exterior Girder	72	0.95	1	1	7.961723
HS20_str_inv	BOBJ1	232	After	Interior Girder 1	72	0.95	1	1	5.674407
HS20_str_inv	BOBJ1	232	After	Interior Girder 2	72	0.95	1	1	5.414673
HS20_str_inv	BOBJ1	232	After	Interior Girder 3	72	0.95	1	1	4.729506
HS20_str_inv	BOBJ1	232	After	Interior Girder 4	72	0.95	1	1	4.778903
HS20_str_inv	BOBJ1	232	After	Interior Girder 5	72	0.95	1	1	5.392416
HS20_str_inv	BOBJ1	232	After	Interior Girder 6	72	0.95	1	1	5.70331
HS20_str_inv	BOBJ1	232	After	Right Exterior Girder	72	0.95	1	1	7.971617
HS20_str_inv	BOBJ1	240	Before	Left Exterior Girder	80	0.95	1	1	7.839217
HS20_str_inv	BOBJ1	240	Before	Interior Girder 1	80	0.95	1	1	5.55817
HS20_str_inv	BOBJ1	240	Before	Interior Girder 2	80	0.95	1	1	5.304412
HS20_str_inv	BOBJ1	240	Before	Interior Girder 3	80	0.95	1	1	4.632332
HS20_str_inv	BOBJ1	240	Before	Interior Girder 4	80	0.95	1	1	4.680714
HS20_str_inv	BOBJ1	240	Before	Interior Girder 5	80	0.95	1	1	5.282608
HS20_str_inv	BOBJ1	240	Before	Interior Girder 6	80	0.95	1	1	5.586481
HS20_str_inv	BOBJ1	240	Before	Right Exterior Girder	80	0.95	1	1	7.848959
HS15_str_opr	BOBJ1	0	After	Left Exterior Girder	0	0.95	1	1	13.765456
HS15_str_opr	BOBJ1	0	After	Interior Girder 1	0	0.95	1	1	10.67937
HS15_str_opr	BOBJ1	0	After	Interior Girder 2	0	0.95	1	1	9.976445
HS15_str_opr	BOBJ1	0	After	Interior Girder 3	0	0.95	1	1	9.181903
HS15_str_opr	BOBJ1	0	After	Interior Girder 4	0	0.95	1	1	9.23578
HS15_str_opr	BOBJ1	0	After	Interior Girder 5	0	0.95	1	1	9.942129
HS15_str_opr	BOBJ1	0	After	Interior Girder 6	0	0.95	1	1	10.722326
HS15_str_opr	BOBJ1	0	After	Right Exterior Girder	0	0.95	1	1	13.784358
HS15_str_opr	BOBJ1	8	Before	Left Exterior Girder	8	0.95	1	1	13.971205
HS15_str_opr	BOBJ1	8	Before	Interior Girder 1	8	0.95	1	1	10.895225
HS15_str_opr	BOBJ1	8	Before	Interior Girder 2	8	0.95	1	1	10.176963
HS15_str_opr	BOBJ1	8	Before	Interior Girder 3	8	0.95	1	1	9.367295
HS15_str_opr	BOBJ1	8	Before	Interior Girder 4	8	0.95	1	1	9.422259
HS15_str_opr	BOBJ1	8	Before	Interior Girder 5	8	0.95	1	1	10.141957
HS15_str_opr	BOBJ1	8	Before	Interior Girder 6	8	0.95	1	1	10.93905
HS15_str_opr	BOBJ1	8	Before	Right Exterior Girder	8	0.95	1	1	13.99039
HS15_str_opr	BOBJ1	8	After	Left Exterior Girder	8	0.95	1	1	15.603297
HS15_str_opr	BOBJ1	8	After	Interior Girder 1	8	0.95	1	1	15.074473
HS15_str_opr	BOBJ1	8	After	Interior Girder 2	8	0.95	1	1	13.806428
HS15_str_opr	BOBJ1	8	After	Interior Girder 3	8	0.95	1	1	13.534616
HS15_str_opr	BOBJ1	8	After	Interior Girder 4	8	0.95	1	1	13.552391
HS15_str_opr	BOBJ1	8	After	Interior Girder 5	8	0.95	1	1	13.800531
HS15_str_opr	BOBJ1	8	After	Interior Girder 6	8	0.95	1	1	15.066069
HS15_str_opr	BOBJ1	8	After	Right Exterior Girder	8	0.95	1	1	15.624429
HS15_str_opr	BOBJ1	16	Before	Left Exterior Girder	16	0.95	1	1	15.82764
HS15_str_opr	BOBJ1	16	Before	Interior Girder 1	16	0.95	1	1	15.371746
HS15_str_opr	BOBJ1	16	Before	Interior Girder 2	16	0.95	1	1	14.07692
HS15_str_opr	BOBJ1	16	Before	Interior Girder 3	16	0.95	1	1	13.800454
HS15_str_opr	BOBJ1	16	Before	Interior Girder 4	16	0.95	1	1	13.818578
HS15_str_opr	BOBJ1	16	Before	Interior Girder 5	16	0.95	1	1	14.070908
HS15_str_opr	BOBJ1	16	Before	Interior Girder 6	16	0.95	1	1	15.363176
HS15_str_opr	BOBJ1	16	Before	Right Exterior Girder	16	0.95	1	1	15.849075
HS15_str_opr	BOBJ1	16	After	Left Exterior Girder	16	0.95	1	1	21.735759
HS15_str_opr	BOBJ1	16	After	Interior Girder 1	16	0.95	1	1	16.818792
HS15_str_opr	BOBJ1	16	After	Interior Girder 2	16	0.95	1	1	14.694343
HS15_str_opr	BOBJ1	16	After	Interior Girder 3	16	0.95	1	1	13.424578

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Approach, Span 4-6									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
HS15_str_opr	BOBJ1	16	After	Interior Girder 4	16	0.95	1	1	13.581671
HS15_str_opr	BOBJ1	16	After	Interior Girder 5	16	0.95	1	1	14.640184
HS15_str_opr	BOBJ1	16	After	Interior Girder 6	16	0.95	1	1	16.905471
HS15_str_opr	BOBJ1	16	After	Right Exterior Girder	16	0.95	1	1	21.763237
HS15_str_opr	BOBJ1	20.5	Before	Left Exterior Girder	20.5	0.95	1	1	21.907159
HS15_str_opr	BOBJ1	20.5	Before	Right Exterior Girder	20.5	0.95	1	1	21.934853
HS15_str_opr	BOBJ1	20.5	After	Left Exterior Girder	20.5	0.95	1	1	23.949081
HS15_str_opr	BOBJ1	20.5	After	Right Exterior Girder	20.5	0.95	1	1	23.984617
HS15_str_opr	BOBJ1	24	Before	Left Exterior Girder	24	0.95	1	1	24.109111
HS15_str_opr	BOBJ1	24	Before	Interior Girder 1	24	0.95	1	1	16.074497
HS15_str_opr	BOBJ1	24	Before	Interior Girder 2	24	0.95	1	1	14.975401
HS15_str_opr	BOBJ1	24	Before	Interior Girder 3	24	0.95	1	1	13.680796
HS15_str_opr	BOBJ1	24	Before	Interior Girder 4	24	0.95	1	1	13.840887
HS15_str_opr	BOBJ1	24	Before	Interior Girder 5	24	0.95	1	1	14.920206
HS15_str_opr	BOBJ1	24	Before	Interior Girder 6	24	0.95	1	1	16.148749
HS15_str_opr	BOBJ1	24	Before	Right Exterior Girder	24	0.95	1	1	24.144884
HS15_str_opr	BOBJ1	24	After	Left Exterior Girder	24	0.95	1	1	27.164065
HS15_str_opr	BOBJ1	24	After	Interior Girder 1	24	0.95	1	1	23.759935
HS15_str_opr	BOBJ1	24	After	Interior Girder 2	24	0.95	1	1	20.950369
HS15_str_opr	BOBJ1	24	After	Interior Girder 3	24	0.95	1	1	18.059935
HS15_str_opr	BOBJ1	24	After	Interior Girder 4	24	0.95	1	1	18.346647
HS15_str_opr	BOBJ1	24	After	Interior Girder 5	24	0.95	1	1	20.94257
HS15_str_opr	BOBJ1	24	After	Interior Girder 6	24	0.95	1	1	23.739416
HS15_str_opr	BOBJ1	24	After	Right Exterior Girder	24	0.95	1	1	27.208766
HS15_str_opr	BOBJ1	32	Before	Left Exterior Girder	32	0.95	1	1	27.569859
HS15_str_opr	BOBJ1	32	Before	Interior Girder 1	32	0.95	1	1	23.97987
HS15_str_opr	BOBJ1	32	Before	Interior Girder 2	32	0.95	1	1	21.231685
HS15_str_opr	BOBJ1	32	Before	Interior Girder 3	32	0.95	1	1	17.738481
HS15_str_opr	BOBJ1	32	Before	Interior Girder 4	32	0.95	1	1	18.02009
HS15_str_opr	BOBJ1	32	Before	Interior Girder 5	32	0.95	1	1	21.091775
HS15_str_opr	BOBJ1	32	Before	Interior Girder 6	32	0.95	1	1	24.004869
HS15_str_opr	BOBJ1	32	Before	Right Exterior Girder	32	0.95	1	1	27.615228
HS15_str_opr	BOBJ1	32	After	Left Exterior Girder	32	0.95	1	1	34.330679
HS15_str_opr	BOBJ1	32	After	Interior Girder 1	32	0.95	1	1	21.983848
HS15_str_opr	BOBJ1	32	After	Interior Girder 2	32	0.95	1	1	19.90602
HS15_str_opr	BOBJ1	32	After	Interior Girder 3	32	0.95	1	1	16.978666
HS15_str_opr	BOBJ1	32	After	Interior Girder 4	32	0.95	1	1	17.226036
HS15_str_opr	BOBJ1	32	After	Interior Girder 5	32	0.95	1	1	19.794214
HS15_str_opr	BOBJ1	32	After	Interior Girder 6	32	0.95	1	1	21.993759
HS15_str_opr	BOBJ1	32	After	Right Exterior Girder	32	0.95	1	1	34.330679
HS15_str_opr	BOBJ1	40	Before	Left Exterior Girder	40	0.95	1	1	33.825391
HS15_str_opr	BOBJ1	40	Before	Interior Girder 1	40	0.95	1	1	22.382353
HS15_str_opr	BOBJ1	40	Before	Interior Girder 2	40	0.95	1	1	20.266778
HS15_str_opr	BOBJ1	40	Before	Interior Girder 3	40	0.95	1	1	17.286778
HS15_str_opr	BOBJ1	40	Before	Interior Girder 4	40	0.95	1	1	17.538637
HS15_str_opr	BOBJ1	40	Before	Interior Girder 5	40	0.95	1	1	20.152945
HS15_str_opr	BOBJ1	40	Before	Interior Girder 6	40	0.95	1	1	22.392444
HS15_str_opr	BOBJ1	40	Before	Right Exterior Girder	40	0.95	1	1	33.825391
HS15_str_opr	BOBJ1	40	After	Left Exterior Girder	40	0.95	1	1	27.425068
HS15_str_opr	BOBJ1	40	After	Interior Girder 1	40	0.95	1	1	17.009828
HS15_str_opr	BOBJ1	40	After	Interior Girder 2	40	0.95	1	1	15.299991
HS15_str_opr	BOBJ1	40	After	Interior Girder 3	40	0.95	1	1	13.578338
HS15_str_opr	BOBJ1	40	After	Interior Girder 4	40	0.95	1	1	13.735092
HS15_str_opr	BOBJ1	40	After	Interior Girder 5	40	0.95	1	1	15.237787
HS15_str_opr	BOBJ1	40	After	Interior Girder 6	40	0.95	1	1	17.097962
HS15_str_opr	BOBJ1	40	After	Right Exterior Girder	40	0.95	1	1	27.425068
HS15_str_opr	BOBJ1	46.5	Before	Left Exterior Girder	46.5	0.95	1	1	27.085521
HS15_str_opr	BOBJ1	46.5	Before	Right Exterior Girder	46.5	0.95	1	1	27.085521
HS15_str_opr	BOBJ1	46.5	After	Left Exterior Girder	46.5	0.95	1	1	21.388561
HS15_str_opr	BOBJ1	46.5	After	Right Exterior Girder	46.5	0.95	1	1	21.388561
HS15_str_opr	BOBJ1	48	Before	Left Exterior Girder	48	0.95	1	1	21.331514
HS15_str_opr	BOBJ1	48	Before	Interior Girder 1	48	0.95	1	1	19.572104
HS15_str_opr	BOBJ1	48	Before	Interior Girder 2	48	0.95	1	1	15.013249
HS15_str_opr	BOBJ1	48	Before	Interior Girder 3	48	0.95	1	1	13.324424
HS15_str_opr	BOBJ1	48	Before	Interior Girder 4	48	0.95	1	1	13.478247

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Approach, Span 4-(									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
HS15_str_opr	BOBJ1	48	Before	Interior Girder 5	48	0.95	1	1	14.952211
HS15_str_opr	BOBJ1	48	Before	Interior Girder 6	48	0.95	1	1	19.63152
HS15_str_opr	BOBJ1	48	Before	Right Exterior Girder	48	0.95	1	1	21.331514
HS15_str_opr	BOBJ1	48	After	Left Exterior Girder	48	0.95	1	1	17.851633
HS15_str_opr	BOBJ1	48	After	Interior Girder 1	48	0.95	1	1	16.265338
HS15_str_opr	BOBJ1	48	After	Interior Girder 2	48	0.95	1	1	15.043584
HS15_str_opr	BOBJ1	48	After	Interior Girder 3	48	0.95	1	1	14.823303
HS15_str_opr	BOBJ1	48	After	Interior Girder 4	48	0.95	1	1	14.858509
HS15_str_opr	BOBJ1	48	After	Interior Girder 5	48	0.95	1	1	15.034369
HS15_str_opr	BOBJ1	48	After	Interior Girder 6	48	0.95	1	1	16.259551
HS15_str_opr	BOBJ1	48	After	Right Exterior Girder	48	0.95	1	1	17.880101
HS15_str_opr	BOBJ1	56	Before	Left Exterior Girder	56	0.95	1	1	17.598838
HS15_str_opr	BOBJ1	56	Before	Interior Girder 1	56	0.95	1	1	15.950939
HS15_str_opr	BOBJ1	56	Before	Interior Girder 2	56	0.95	1	1	14.754469
HS15_str_opr	BOBJ1	56	Before	Interior Girder 3	56	0.95	1	1	14.538519
HS15_str_opr	BOBJ1	56	Before	Interior Girder 4	56	0.95	1	1	14.573048
HS15_str_opr	BOBJ1	56	Before	Interior Girder 5	56	0.95	1	1	14.745431
HS15_str_opr	BOBJ1	56	Before	Interior Girder 6	56	0.95	1	1	15.945264
HS15_str_opr	BOBJ1	56	Before	Right Exterior Girder	56	0.95	1	1	17.626903
HS15_str_opr	BOBJ1	56	After	Left Exterior Girder	56	0.95	1	1	15.747388
HS15_str_opr	BOBJ1	56	After	Interior Girder 1	56	0.95	1	1	11.988419
HS15_str_opr	BOBJ1	56	After	Interior Girder 2	56	0.95	1	1	11.283046
HS15_str_opr	BOBJ1	56	After	Interior Girder 3	56	0.95	1	1	10.451403
HS15_str_opr	BOBJ1	56	After	Interior Girder 4	56	0.95	1	1	10.565931
HS15_str_opr	BOBJ1	56	After	Interior Girder 5	56	0.95	1	1	11.258974
HS15_str_opr	BOBJ1	56	After	Interior Girder 6	56	0.95	1	1	12.016357
HS15_str_opr	BOBJ1	56	After	Right Exterior Girder	56	0.95	1	1	15.768863
HS15_str_opr	BOBJ1	59	Before	Interior Girder 1	59	0.95	1	1	11.899212
HS15_str_opr	BOBJ1	59	Before	Interior Girder 2	59	0.95	1	1	11.199775
HS15_str_opr	BOBJ1	59	Before	Interior Girder 3	59	0.95	1	1	10.374269
HS15_str_opr	BOBJ1	59	Before	Interior Girder 4	59	0.95	1	1	10.487952
HS15_str_opr	BOBJ1	59	Before	Interior Girder 5	59	0.95	1	1	11.17588
HS15_str_opr	BOBJ1	59	Before	Interior Girder 6	59	0.95	1	1	11.926942
HS15_str_opr	BOBJ1	59	After	Interior Girder 1	59	0.95	1	1	8.244634
HS15_str_opr	BOBJ1	59	After	Interior Girder 2	59	0.95	1	1	7.802758
HS15_str_opr	BOBJ1	59	After	Interior Girder 3	59	0.95	1	1	7.032944
HS15_str_opr	BOBJ1	59	After	Interior Girder 4	59	0.95	1	1	7.114256
HS15_str_opr	BOBJ1	59	After	Interior Girder 5	59	0.95	1	1	7.775925
HS15_str_opr	BOBJ1	59	After	Interior Girder 6	59	0.95	1	1	8.280158
HS15_str_opr	BOBJ1	64	Before	Left Exterior Girder	64	0.95	1	1	15.792583
HS15_str_opr	BOBJ1	64	Before	Interior Girder 1	64	0.95	1	1	8.124316
HS15_str_opr	BOBJ1	64	Before	Interior Girder 2	64	0.95	1	1	7.689658
HS15_str_opr	BOBJ1	64	Before	Interior Girder 3	64	0.95	1	1	6.930885
HS15_str_opr	BOBJ1	64	Before	Interior Girder 4	64	0.95	1	1	7.011018
HS15_str_opr	BOBJ1	64	Before	Interior Girder 5	64	0.95	1	1	7.663214
HS15_str_opr	BOBJ1	64	Before	Interior Girder 6	64	0.95	1	1	8.159321
HS15_str_opr	BOBJ1	64	Before	Right Exterior Girder	64	0.95	1	1	15.814733
HS15_str_opr	BOBJ1	64	After	Left Exterior Girder	64	0.95	1	1	11.46016
HS15_str_opr	BOBJ1	64	After	Interior Girder 1	64	0.95	1	1	8.884052
HS15_str_opr	BOBJ1	64	After	Interior Girder 2	64	0.95	1	1	8.114004
HS15_str_opr	BOBJ1	64	After	Interior Girder 3	64	0.95	1	1	7.340415
HS15_str_opr	BOBJ1	64	After	Interior Girder 4	64	0.95	1	1	7.358486
HS15_str_opr	BOBJ1	64	After	Interior Girder 5	64	0.95	1	1	8.107252
HS15_str_opr	BOBJ1	64	After	Interior Girder 6	64	0.95	1	1	8.881201
HS15_str_opr	BOBJ1	64	After	Right Exterior Girder	64	0.95	1	1	11.473431
HS15_str_opr	BOBJ1	69	Before	Interior Girder 1	69	0.95	1	1	8.752098
HS15_str_opr	BOBJ1	69	Before	Interior Girder 2	69	0.95	1	1	7.995345
HS15_str_opr	BOBJ1	69	Before	Interior Girder 3	69	0.95	1	1	7.230191
HS15_str_opr	BOBJ1	69	Before	Interior Girder 4	69	0.95	1	1	7.247991
HS15_str_opr	BOBJ1	69	Before	Interior Girder 5	69	0.95	1	1	7.988692
HS15_str_opr	BOBJ1	69	Before	Interior Girder 6	69	0.95	1	1	8.74929
HS15_str_opr	BOBJ1	69	After	Interior Girder 1	69	0.95	1	1	7.33362
HS15_str_opr	BOBJ1	69	After	Interior Girder 2	69	0.95	1	1	6.892599
HS15_str_opr	BOBJ1	69	After	Interior Girder 3	69	0.95	1	1	6.000707
HS15_str_opr	BOBJ1	69	After	Interior Girder 4	69	0.95	1	1	6.037557

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Approach, Span 4-6									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
HS15_str_opr	BOBJ1	69	After	Interior Girder 5	69	0.95	1	1	6.878366
HS15_str_opr	BOBJ1	69	After	Interior Girder 6	69	0.95	1	1	7.346041
HS15_str_opr	BOBJ1	72	Before	Left Exterior Girder	72	0.95	1	1	7.823971
HS15_str_opr	BOBJ1	72	Before	Interior Girder 1	72	0.95	1	1	7.25858
HS15_str_opr	BOBJ1	72	Before	Interior Girder 2	72	0.95	1	1	6.823437
HS15_str_opr	BOBJ1	72	Before	Interior Girder 3	72	0.95	1	1	5.938669
HS15_str_opr	BOBJ1	72	Before	Interior Girder 4	72	0.95	1	1	5.975139
HS15_str_opr	BOBJ1	72	Before	Interior Girder 5	72	0.95	1	1	6.809346
HS15_str_opr	BOBJ1	72	Before	Interior Girder 6	72	0.95	1	1	7.270874
HS15_str_opr	BOBJ1	72	Before	Right Exterior Girder	72	0.95	1	1	7.832319
HS15_str_opr	BOBJ1	72	After	Left Exterior Girder	72	0.95	1	1	7.340304
HS15_str_opr	BOBJ1	72	After	Interior Girder 1	72	0.95	1	1	8.261721
HS15_str_opr	BOBJ1	72	After	Interior Girder 2	72	0.95	1	1	6.264292
HS15_str_opr	BOBJ1	72	After	Interior Girder 3	72	0.95	1	1	5.335119
HS15_str_opr	BOBJ1	72	After	Interior Girder 4	72	0.95	1	1	5.374101
HS15_str_opr	BOBJ1	72	After	Interior Girder 5	72	0.95	1	1	6.238862
HS15_str_opr	BOBJ1	72	After	Interior Girder 6	72	0.95	1	1	8.302612
HS15_str_opr	BOBJ1	72	After	Right Exterior Girder	72	0.95	1	1	7.348947
HS15_str_opr	BOBJ1	72.5	Before	Left Exterior Girder	72.5	0.95	1	1	7.332446
HS15_str_opr	BOBJ1	72.5	Before	Right Exterior Girder	72.5	0.95	1	1	7.34108
HS15_str_opr	BOBJ1	72.5	After	Left Exterior Girder	72.5	0.95	1	1	10.551398
HS15_str_opr	BOBJ1	72.5	After	Right Exterior Girder	72.5	0.95	1	1	10.562968
HS15_str_opr	BOBJ1	80	Before	Left Exterior Girder	80	0.95	1	1	10.368978
HS15_str_opr	BOBJ1	80	Before	Interior Girder 1	80	0.95	1	1	6.583782
HS15_str_opr	BOBJ1	80	Before	Interior Girder 2	80	0.95	1	1	6.094354
HS15_str_opr	BOBJ1	80	Before	Interior Girder 3	80	0.95	1	1	5.185147
HS15_str_opr	BOBJ1	80	Before	Interior Girder 4	80	0.95	1	1	5.223033
HS15_str_opr	BOBJ1	80	Before	Interior Girder 5	80	0.95	1	1	6.069614
HS15_str_opr	BOBJ1	80	Before	Interior Girder 6	80	0.95	1	1	6.615705
HS15_str_opr	BOBJ1	80	Before	Right Exterior Girder	80	0.95	1	1	10.380348
HS15_str_opr	BOBJ1	80	After	Left Exterior Girder	0	0.95	1	1	11.714603
HS15_str_opr	BOBJ1	80	After	Interior Girder 1	0	0.95	1	1	7.055237
HS15_str_opr	BOBJ1	80	After	Interior Girder 2	0	0.95	1	1	6.588772
HS15_str_opr	BOBJ1	80	After	Interior Girder 3	0	0.95	1	1	5.564917
HS15_str_opr	BOBJ1	80	After	Interior Girder 4	0	0.95	1	1	5.616707
HS15_str_opr	BOBJ1	80	After	Interior Girder 5	0	0.95	1	1	6.561791
HS15_str_opr	BOBJ1	80	After	Interior Girder 6	0	0.95	1	1	7.08962
HS15_str_opr	BOBJ1	80	After	Right Exterior Girder	0	0.95	1	1	11.726591
HS15_str_opr	BOBJ1	87.5	Before	Left Exterior Girder	7.5	0.95	1	1	11.911283
HS15_str_opr	BOBJ1	87.5	Before	Right Exterior Girder	7.5	0.95	1	1	11.923472
HS15_str_opr	BOBJ1	87.5	After	Left Exterior Girder	7.5	0.95	1	1	9.147815
HS15_str_opr	BOBJ1	87.5	After	Right Exterior Girder	7.5	0.95	1	1	9.157694
HS15_str_opr	BOBJ1	88	Before	Left Exterior Girder	8	0.95	1	1	9.156809
HS15_str_opr	BOBJ1	88	Before	Interior Girder 1	8	0.95	1	1	8.081291
HS15_str_opr	BOBJ1	88	Before	Interior Girder 2	8	0.95	1	1	6.764465
HS15_str_opr	BOBJ1	88	Before	Interior Girder 3	8	0.95	1	1	5.718652
HS15_str_opr	BOBJ1	88	Before	Interior Girder 4	8	0.95	1	1	5.771873
HS15_str_opr	BOBJ1	88	Before	Interior Girder 5	8	0.95	1	1	6.736765
HS15_str_opr	BOBJ1	88	Before	Interior Girder 6	8	0.95	1	1	8.120212
HS15_str_opr	BOBJ1	88	Before	Right Exterior Girder	8	0.95	1	1	9.166697
HS15_str_opr	BOBJ1	88	After	Left Exterior Girder	8	0.95	1	1	9.72406
HS15_str_opr	BOBJ1	88	After	Interior Girder 1	8	0.95	1	1	7.896377
HS15_str_opr	BOBJ1	88	After	Interior Girder 2	8	0.95	1	1	7.442869
HS15_str_opr	BOBJ1	88	After	Interior Girder 3	8	0.95	1	1	6.49044
HS15_str_opr	BOBJ1	88	After	Interior Girder 4	8	0.95	1	1	6.529723
HS15_str_opr	BOBJ1	88	After	Interior Girder 5	8	0.95	1	1	7.427781
HS15_str_opr	BOBJ1	88	After	Interior Girder 6	8	0.95	1	1	7.90977
HS15_str_opr	BOBJ1	88	After	Right Exterior Girder	8	0.95	1	1	9.735111
HS15_str_opr	BOBJ1	91	Before	Interior Girder 1	11	0.95	1	1	7.97414
HS15_str_opr	BOBJ1	91	Before	Interior Girder 2	11	0.95	1	1	7.51512
HS15_str_opr	BOBJ1	91	Before	Interior Girder 3	11	0.95	1	1	6.555305
HS15_str_opr	BOBJ1	91	Before	Interior Girder 4	11	0.95	1	1	6.594981
HS15_str_opr	BOBJ1	91	Before	Interior Girder 5	11	0.95	1	1	7.499886
HS15_str_opr	BOBJ1	91	Before	Interior Girder 6	11	0.95	1	1	7.987664
HS15_str_opr	BOBJ1	91	After	Interior Girder 1	11	0.95	1	1	9.596684

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Approach, Span 4-6									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
HS15_str_opr	BOBJ1	91	After	Interior Girder 2	11	0.95	1	1	8.857298
HS15_str_opr	BOBJ1	91	After	Interior Girder 3	11	0.95	1	1	8.036647
HS15_str_opr	BOBJ1	91	After	Interior Girder 4	11	0.95	1	1	8.053651
HS15_str_opr	BOBJ1	91	After	Interior Girder 5	11	0.95	1	1	8.850357
HS15_str_opr	BOBJ1	91	After	Interior Girder 6	11	0.95	1	1	9.59329
HS15_str_opr	BOBJ1	96	Before	Left Exterior Girder	16	0.95	1	1	13.444524
HS15_str_opr	BOBJ1	96	Before	Interior Girder 1	16	0.95	1	1	9.73497
HS15_str_opr	BOBJ1	96	Before	Interior Girder 2	16	0.95	1	1	8.983272
HS15_str_opr	BOBJ1	96	Before	Interior Girder 3	16	0.95	1	1	8.153942
HS15_str_opr	BOBJ1	96	Before	Interior Girder 4	16	0.95	1	1	8.171194
HS15_str_opr	BOBJ1	96	Before	Interior Girder 5	16	0.95	1	1	8.976233
HS15_str_opr	BOBJ1	96	Before	Interior Girder 6	16	0.95	1	1	9.731528
HS15_str_opr	BOBJ1	96	Before	Right Exterior Girder	16	0.95	1	1	13.459329
HS15_str_opr	BOBJ1	96	After	Left Exterior Girder	16	0.95	1	1	13.311698
HS15_str_opr	BOBJ1	96	After	Interior Girder 1	16	0.95	1	1	10.075595
HS15_str_opr	BOBJ1	96	After	Interior Girder 2	16	0.95	1	1	9.593131
HS15_str_opr	BOBJ1	96	After	Interior Girder 3	16	0.95	1	1	8.917699
HS15_str_opr	BOBJ1	96	After	Interior Girder 4	16	0.95	1	1	9.00319
HS15_str_opr	BOBJ1	96	After	Interior Girder 5	16	0.95	1	1	9.558747
HS15_str_opr	BOBJ1	96	After	Interior Girder 6	16	0.95	1	1	10.118834
HS15_str_opr	BOBJ1	96	After	Right Exterior Girder	16	0.95	1	1	13.329734
HS15_str_opr	BOBJ1	104	Before	Left Exterior Girder	24	0.95	1	1	13.534347
HS15_str_opr	BOBJ1	104	Before	Interior Girder 1	24	0.95	1	1	10.303606
HS15_str_opr	BOBJ1	104	Before	Interior Girder 2	24	0.95	1	1	9.809438
HS15_str_opr	BOBJ1	104	Before	Interior Girder 3	24	0.95	1	1	9.11875
HS15_str_opr	BOBJ1	104	Before	Interior Girder 4	24	0.95	1	1	9.206168
HS15_str_opr	BOBJ1	104	Before	Interior Girder 5	24	0.95	1	1	9.774279
HS15_str_opr	BOBJ1	104	Before	Interior Girder 6	24	0.95	1	1	10.347824
HS15_str_opr	BOBJ1	104	Before	Right Exterior Girder	24	0.95	1	1	13.552684
HS15_str_opr	BOBJ1	104	After	Left Exterior Girder	24	0.95	1	1	15.778128
HS15_str_opr	BOBJ1	104	After	Interior Girder 1	24	0.95	1	1	14.505651
HS15_str_opr	BOBJ1	104	After	Interior Girder 2	24	0.95	1	1	13.542104
HS15_str_opr	BOBJ1	104	After	Interior Girder 3	24	0.95	1	1	13.432566
HS15_str_opr	BOBJ1	104	After	Interior Girder 4	24	0.95	1	1	13.462518
HS15_str_opr	BOBJ1	104	After	Interior Girder 5	24	0.95	1	1	13.535817
HS15_str_opr	BOBJ1	104	After	Interior Girder 6	24	0.95	1	1	14.496498
HS15_str_opr	BOBJ1	104	After	Right Exterior Girder	24	0.95	1	1	15.804489
HS15_str_opr	BOBJ1	112	Before	Left Exterior Girder	32	0.95	1	1	16.02956
HS15_str_opr	BOBJ1	112	Before	Interior Girder 1	32	0.95	1	1	14.824748
HS15_str_opr	BOBJ1	112	Before	Interior Girder 2	32	0.95	1	1	13.838299
HS15_str_opr	BOBJ1	112	Before	Interior Girder 3	32	0.95	1	1	13.726147
HS15_str_opr	BOBJ1	112	Before	Interior Girder 4	32	0.95	1	1	13.756753
HS15_str_opr	BOBJ1	112	Before	Interior Girder 5	32	0.95	1	1	13.831875
HS15_str_opr	BOBJ1	112	Before	Interior Girder 6	32	0.95	1	1	14.815394
HS15_str_opr	BOBJ1	112	Before	Right Exterior Girder	32	0.95	1	1	16.05634
HS15_str_opr	BOBJ1	112	After	Left Exterior Girder	32	0.95	1	1	27.324899
HS15_str_opr	BOBJ1	112	After	Interior Girder 1	32	0.95	1	1	15.243081
HS15_str_opr	BOBJ1	112	After	Interior Girder 2	32	0.95	1	1	13.953752
HS15_str_opr	BOBJ1	112	After	Interior Girder 3	32	0.95	1	1	12.152975
HS15_str_opr	BOBJ1	112	After	Interior Girder 4	32	0.95	1	1	12.303214
HS15_str_opr	BOBJ1	112	After	Interior Girder 5	32	0.95	1	1	13.879223
HS15_str_opr	BOBJ1	112	After	Interior Girder 6	32	0.95	1	1	15.251604
HS15_str_opr	BOBJ1	112	After	Right Exterior Girder	32	0.95	1	1	27.324899
HS15_str_opr	BOBJ1	120	Before	Left Exterior Girder	40	0.95	1	1	27.743387
HS15_str_opr	BOBJ1	120	Before	Interior Girder 1	40	0.95	1	1	15.566031
HS15_str_opr	BOBJ1	120	Before	Interior Girder 2	40	0.95	1	1	14.249691
HS15_str_opr	BOBJ1	120	Before	Interior Girder 3	40	0.95	1	1	12.410581
HS15_str_opr	BOBJ1	120	Before	Interior Girder 4	40	0.95	1	1	12.564004
HS15_str_opr	BOBJ1	120	Before	Interior Girder 5	40	0.95	1	1	14.173581
HS15_str_opr	BOBJ1	120	Before	Interior Girder 6	40	0.95	1	1	15.574735
HS15_str_opr	BOBJ1	120	Before	Right Exterior Girder	40	0.95	1	1	27.743387
HS15_str_opr	BOBJ1	120	After	Left Exterior Girder	40	0.95	1	1	28.842898
HS15_str_opr	BOBJ1	120	After	Interior Girder 1	40	0.95	1	1	15.721944
HS15_str_opr	BOBJ1	120	After	Interior Girder 2	40	0.95	1	1	14.386094
HS15_str_opr	BOBJ1	120	After	Interior Girder 3	40	0.95	1	1	12.501499

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Approach, Span 4-6									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
HS15_str_opr	BOBJ1	120	After	Interior Girder 4	40	0.95	1	1	12.657805
HS15_str_opr	BOBJ1	120	After	Interior Girder 5	40	0.95	1	1	14.308969
HS15_str_opr	BOBJ1	120	After	Interior Girder 6	40	0.95	1	1	15.726937
HS15_str_opr	BOBJ1	120	After	Right Exterior Girder	40	0.95	1	1	28.842898
HS15_str_opr	BOBJ1	128	Before	Left Exterior Girder	48	0.95	1	1	28.408787
HS15_str_opr	BOBJ1	128	Before	Interior Girder 1	48	0.95	1	1	15.396029
HS15_str_opr	BOBJ1	128	Before	Interior Girder 2	48	0.95	1	1	14.08755
HS15_str_opr	BOBJ1	128	Before	Interior Girder 3	48	0.95	1	1	12.242147
HS15_str_opr	BOBJ1	128	Before	Interior Girder 4	48	0.95	1	1	12.39521
HS15_str_opr	BOBJ1	128	Before	Interior Girder 5	48	0.95	1	1	14.012025
HS15_str_opr	BOBJ1	128	Before	Interior Girder 6	48	0.95	1	1	15.400919
HS15_str_opr	BOBJ1	128	Before	Right Exterior Girder	48	0.95	1	1	28.408787
HS15_str_opr	BOBJ1	128	After	Left Exterior Girder	48	0.95	1	1	16.519854
HS15_str_opr	BOBJ1	128	After	Interior Girder 1	48	0.95	1	1	15.01447
HS15_str_opr	BOBJ1	128	After	Interior Girder 2	48	0.95	1	1	14.008628
HS15_str_opr	BOBJ1	128	After	Interior Girder 3	48	0.95	1	1	13.896936
HS15_str_opr	BOBJ1	128	After	Interior Girder 4	48	0.95	1	1	13.92831
HS15_str_opr	BOBJ1	128	After	Interior Girder 5	48	0.95	1	1	14.002128
HS15_str_opr	BOBJ1	128	After	Interior Girder 6	48	0.95	1	1	15.004865
HS15_str_opr	BOBJ1	128	After	Right Exterior Girder	48	0.95	1	1	16.547681
HS15_str_opr	BOBJ1	136	Before	Left Exterior Girder	56	0.95	1	1	16.261421
HS15_str_opr	BOBJ1	136	Before	Interior Girder 1	56	0.95	1	1	14.691481
HS15_str_opr	BOBJ1	136	Before	Interior Girder 2	56	0.95	1	1	13.708904
HS15_str_opr	BOBJ1	136	Before	Interior Girder 3	56	0.95	1	1	13.599958
HS15_str_opr	BOBJ1	136	Before	Interior Girder 4	56	0.95	1	1	13.630663
HS15_str_opr	BOBJ1	136	Before	Interior Girder 5	56	0.95	1	1	13.702543
HS15_str_opr	BOBJ1	136	Before	Interior Girder 6	56	0.95	1	1	14.682084
HS15_str_opr	BOBJ1	136	Before	Right Exterior Girder	56	0.95	1	1	16.288813
HS15_str_opr	BOBJ1	136	After	Left Exterior Girder	56	0.95	1	1	13.901035
HS15_str_opr	BOBJ1	136	After	Interior Girder 1	56	0.95	1	1	10.402919
HS15_str_opr	BOBJ1	136	After	Interior Girder 2	56	0.95	1	1	9.901355
HS15_str_opr	BOBJ1	136	After	Interior Girder 3	56	0.95	1	1	9.202839
HS15_str_opr	BOBJ1	136	After	Interior Girder 4	56	0.95	1	1	9.291398
HS15_str_opr	BOBJ1	136	After	Interior Girder 5	56	0.95	1	1	9.865831
HS15_str_opr	BOBJ1	136	After	Interior Girder 6	56	0.95	1	1	10.447694
HS15_str_opr	BOBJ1	136	After	Right Exterior Girder	56	0.95	1	1	13.919918
HS15_str_opr	BOBJ1	144	Before	Left Exterior Girder	64	0.95	1	1	13.673025
HS15_str_opr	BOBJ1	144	Before	Interior Girder 1	64	0.95	1	1	10.172827
HS15_str_opr	BOBJ1	144	Before	Interior Girder 2	64	0.95	1	1	9.68308
HS15_str_opr	BOBJ1	144	Before	Interior Girder 3	64	0.95	1	1	9.000133
HS15_str_opr	BOBJ1	144	Before	Interior Girder 4	64	0.95	1	1	9.086741
HS15_str_opr	BOBJ1	144	Before	Interior Girder 5	64	0.95	1	1	9.648339
HS15_str_opr	BOBJ1	144	Before	Interior Girder 6	64	0.95	1	1	10.216611
HS15_str_opr	BOBJ1	144	Before	Right Exterior Girder	64	0.95	1	1	13.691598
HS15_str_opr	BOBJ1	144	After	Left Exterior Girder	64	0.95	1	1	12.744789
HS15_str_opr	BOBJ1	144	After	Interior Girder 1	64	0.95	1	1	9.823965
HS15_str_opr	BOBJ1	144	After	Interior Girder 2	64	0.95	1	1	9.058945
HS15_str_opr	BOBJ1	144	After	Interior Girder 3	64	0.95	1	1	8.277307
HS15_str_opr	BOBJ1	144	After	Interior Girder 4	64	0.95	1	1	8.292558
HS15_str_opr	BOBJ1	144	After	Interior Girder 5	64	0.95	1	1	9.050943
HS15_str_opr	BOBJ1	144	After	Interior Girder 6	64	0.95	1	1	9.822065
HS15_str_opr	BOBJ1	144	After	Right Exterior Girder	64	0.95	1	1	12.758748
HS15_str_opr	BOBJ1	150	Before	Interior Girder 1	70	0.95	1	1	9.656415
HS15_str_opr	BOBJ1	150	Before	Interior Girder 2	70	0.95	1	1	8.906307
HS15_str_opr	BOBJ1	150	Before	Interior Girder 3	70	0.95	1	1	8.134624
HS15_str_opr	BOBJ1	150	Before	Interior Girder 4	70	0.95	1	1	8.149611
HS15_str_opr	BOBJ1	150	Before	Interior Girder 5	70	0.95	1	1	8.89844
HS15_str_opr	BOBJ1	150	Before	Interior Girder 6	70	0.95	1	1	9.654547
HS15_str_opr	BOBJ1	150	After	Interior Girder 1	70	0.95	1	1	7.450712
HS15_str_opr	BOBJ1	150	After	Interior Girder 2	70	0.95	1	1	7.257554
HS15_str_opr	BOBJ1	150	After	Interior Girder 3	70	0.95	1	1	6.277835
HS15_str_opr	BOBJ1	150	After	Interior Girder 4	70	0.95	1	1	6.329602
HS15_str_opr	BOBJ1	150	After	Interior Girder 5	70	0.95	1	1	7.243666
HS15_str_opr	BOBJ1	150	After	Interior Girder 6	70	0.95	1	1	7.463195
HS15_str_opr	BOBJ1	152	Before	Left Exterior Girder	72	0.95	1	1	12.645818

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Approach, Span 4-6									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
HS15_str_opr	BOBJ1	152	Before	Interior Girder 1	72	0.95	1	1	7.402362
HS15_str_opr	BOBJ1	152	Before	Interior Girder 2	72	0.95	1	1	7.21144
HS15_str_opr	BOBJ1	152	Before	Interior Girder 3	72	0.95	1	1	6.236845
HS15_str_opr	BOBJ1	152	Before	Interior Girder 4	72	0.95	1	1	6.288274
HS15_str_opr	BOBJ1	152	Before	Interior Girder 5	72	0.95	1	1	7.19764
HS15_str_opr	BOBJ1	152	Before	Interior Girder 6	72	0.95	1	1	7.414764
HS15_str_opr	BOBJ1	152	Before	Right Exterior Girder	72	0.95	1	1	12.660691
HS15_str_opr	BOBJ1	152	After	Left Exterior Girder	72	0.95	1	1	11.059096
HS15_str_opr	BOBJ1	152	After	Interior Girder 1	72	0.95	1	1	6.649279
HS15_str_opr	BOBJ1	152	After	Interior Girder 2	72	0.95	1	1	6.786735
HS15_str_opr	BOBJ1	152	After	Interior Girder 3	72	0.95	1	1	5.766646
HS15_str_opr	BOBJ1	152	After	Interior Girder 4	72	0.95	1	1	5.820458
HS15_str_opr	BOBJ1	152	After	Interior Girder 5	72	0.95	1	1	6.75865
HS15_str_opr	BOBJ1	152	After	Interior Girder 6	72	0.95	1	1	6.677405
HS15_str_opr	BOBJ1	152	After	Right Exterior Girder	72	0.95	1	1	11.070758
HS15_str_opr	BOBJ1	154	Before	Left Exterior Girder	74	0.95	1	1	11.014717
HS15_str_opr	BOBJ1	154	Before	Right Exterior Girder	74	0.95	1	1	11.026334
HS15_str_opr	BOBJ1	154	After	Left Exterior Girder	74	0.95	1	1	11.096695
HS15_str_opr	BOBJ1	154	After	Right Exterior Girder	74	0.95	1	1	11.107814
HS15_str_opr	BOBJ1	160	Before	Left Exterior Girder	80	0.95	1	1	10.945432
HS15_str_opr	BOBJ1	160	Before	Interior Girder 1	80	0.95	1	1	7.111117
HS15_str_opr	BOBJ1	160	Before	Interior Girder 2	80	0.95	1	1	6.612552
HS15_str_opr	BOBJ1	160	Before	Interior Girder 3	80	0.95	1	1	5.613926
HS15_str_opr	BOBJ1	160	Before	Interior Girder 4	80	0.95	1	1	5.666313
HS15_str_opr	BOBJ1	160	Before	Interior Girder 5	80	0.95	1	1	6.585188
HS15_str_opr	BOBJ1	160	Before	Interior Girder 6	80	0.95	1	1	7.146851
HS15_str_opr	BOBJ1	160	Before	Right Exterior Girder	80	0.95	1	1	10.9564
HS15_str_opr	BOBJ1	160	After	Left Exterior Girder	0	0.95	1	1	9.645341
HS15_str_opr	BOBJ1	160	After	Interior Girder 1	0	0.95	1	1	6.60661
HS15_str_opr	BOBJ1	160	After	Interior Girder 2	0	0.95	1	1	6.10217
HS15_str_opr	BOBJ1	160	After	Interior Girder 3	0	0.95	1	1	5.220085
HS15_str_opr	BOBJ1	160	After	Interior Girder 4	0	0.95	1	1	5.255002
HS15_str_opr	BOBJ1	160	After	Interior Girder 5	0	0.95	1	1	6.077303
HS15_str_opr	BOBJ1	160	After	Interior Girder 6	0	0.95	1	1	6.63924
HS15_str_opr	BOBJ1	160	After	Right Exterior Girder	0	0.95	1	1	9.655342
HS15_str_opr	BOBJ1	166	Before	Left Exterior Girder	6	0.95	1	1	9.784973
HS15_str_opr	BOBJ1	166	Before	Right Exterior Girder	6	0.95	1	1	9.795119
HS15_str_opr	BOBJ1	166	After	Left Exterior Girder	6	0.95	1	1	9.337511
HS15_str_opr	BOBJ1	166	After	Right Exterior Girder	6	0.95	1	1	9.347615
HS15_str_opr	BOBJ1	168	Before	Left Exterior Girder	8	0.95	1	1	9.377194
HS15_str_opr	BOBJ1	168	Before	Interior Girder 1	8	0.95	1	1	6.288685
HS15_str_opr	BOBJ1	168	Before	Interior Girder 2	8	0.95	1	1	6.270052
HS15_str_opr	BOBJ1	168	Before	Interior Girder 3	8	0.95	1	1	5.368956
HS15_str_opr	BOBJ1	168	Before	Interior Girder 4	8	0.95	1	1	5.404869
HS15_str_opr	BOBJ1	168	Before	Interior Girder 5	8	0.95	1	1	6.244501
HS15_str_opr	BOBJ1	168	Before	Interior Girder 6	8	0.95	1	1	6.315231
HS15_str_opr	BOBJ1	168	Before	Right Exterior Girder	8	0.95	1	1	9.387341
HS15_str_opr	BOBJ1	168	After	Left Exterior Girder	8	0.95	1	1	10.671419
HS15_str_opr	BOBJ1	168	After	Interior Girder 1	8	0.95	1	1	6.795549
HS15_str_opr	BOBJ1	168	After	Interior Girder 2	8	0.95	1	1	6.610824
HS15_str_opr	BOBJ1	168	After	Interior Girder 3	8	0.95	1	1	5.71866
HS15_str_opr	BOBJ1	168	After	Interior Girder 4	8	0.95	1	1	5.759934
HS15_str_opr	BOBJ1	168	After	Interior Girder 5	8	0.95	1	1	6.597935
HS15_str_opr	BOBJ1	168	After	Interior Girder 6	8	0.95	1	1	6.806772
HS15_str_opr	BOBJ1	168	After	Right Exterior Girder	8	0.95	1	1	10.682132
HS15_str_opr	BOBJ1	170	Before	Interior Girder 1	10	0.95	1	1	6.842095
HS15_str_opr	BOBJ1	170	Before	Interior Girder 2	10	0.95	1	1	6.654918
HS15_str_opr	BOBJ1	170	Before	Interior Girder 3	10	0.95	1	1	5.757996
HS15_str_opr	BOBJ1	170	Before	Interior Girder 4	10	0.95	1	1	5.799553
HS15_str_opr	BOBJ1	170	Before	Interior Girder 5	10	0.95	1	1	6.641943
HS15_str_opr	BOBJ1	170	Before	Interior Girder 6	10	0.95	1	1	6.853395
HS15_str_opr	BOBJ1	170	After	Interior Girder 1	10	0.95	1	1	8.721902
HS15_str_opr	BOBJ1	170	After	Interior Girder 2	10	0.95	1	1	7.993366
HS15_str_opr	BOBJ1	170	After	Interior Girder 3	10	0.95	1	1	7.300197
HS15_str_opr	BOBJ1	170	After	Interior Girder 4	10	0.95	1	1	7.315936

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Approach, Span 4-6									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
HS15_str_opr	BOBJ1	170	After	Interior Girder 5	10	0.95	1	1	7.985815
HS15_str_opr	BOBJ1	170	After	Interior Girder 6	10	0.95	1	1	8.720617
HS15_str_opr	BOBJ1	176	Before	Left Exterior Girder	16	0.95	1	1	10.789231
HS15_str_opr	BOBJ1	176	Before	Interior Girder 1	16	0.95	1	1	8.879876
HS15_str_opr	BOBJ1	176	Before	Interior Girder 2	16	0.95	1	1	8.136195
HS15_str_opr	BOBJ1	176	Before	Interior Girder 3	16	0.95	1	1	7.434109
HS15_str_opr	BOBJ1	176	Before	Interior Girder 4	16	0.95	1	1	7.450136
HS15_str_opr	BOBJ1	176	Before	Interior Girder 5	16	0.95	1	1	8.128509
HS15_str_opr	BOBJ1	176	Before	Interior Girder 6	16	0.95	1	1	8.878569
HS15_str_opr	BOBJ1	176	Before	Right Exterior Girder	16	0.95	1	1	10.801199
HS15_str_opr	BOBJ1	176	After	Left Exterior Girder	16	0.95	1	1	15.266858
HS15_str_opr	BOBJ1	176	After	Interior Girder 1	16	0.95	1	1	7.967859
HS15_str_opr	BOBJ1	176	After	Interior Girder 2	16	0.95	1	1	7.696624
HS15_str_opr	BOBJ1	176	After	Interior Girder 3	16	0.95	1	1	6.990052
HS15_str_opr	BOBJ1	176	After	Interior Girder 4	16	0.95	1	1	7.071132
HS15_str_opr	BOBJ1	176	After	Interior Girder 5	16	0.95	1	1	7.670276
HS15_str_opr	BOBJ1	176	After	Interior Girder 6	16	0.95	1	1	8.001701
HS15_str_opr	BOBJ1	176	After	Right Exterior Girder	16	0.95	1	1	15.28746
HS15_str_opr	BOBJ1	181	Before	Interior Girder 1	21	0.95	1	1	8.086051
HS15_str_opr	BOBJ1	181	Before	Interior Girder 2	21	0.95	1	1	7.80974
HS15_str_opr	BOBJ1	181	Before	Interior Girder 3	21	0.95	1	1	7.092788
HS15_str_opr	BOBJ1	181	Before	Interior Girder 4	21	0.95	1	1	7.17506
HS15_str_opr	BOBJ1	181	Before	Interior Girder 5	21	0.95	1	1	7.783005
HS15_str_opr	BOBJ1	181	Before	Interior Girder 6	21	0.95	1	1	8.120395
HS15_str_opr	BOBJ1	181	After	Interior Girder 1	21	0.95	1	1	10.985651
HS15_str_opr	BOBJ1	181	After	Interior Girder 2	21	0.95	1	1	10.600178
HS15_str_opr	BOBJ1	181	After	Interior Girder 3	21	0.95	1	1	9.902195
HS15_str_opr	BOBJ1	181	After	Interior Girder 4	21	0.95	1	1	10.011296
HS15_str_opr	BOBJ1	181	After	Interior Girder 5	21	0.95	1	1	10.577783
HS15_str_opr	BOBJ1	181	After	Interior Girder 6	21	0.95	1	1	11.011038
HS15_str_opr	BOBJ1	184	Before	Left Exterior Girder	24	0.95	1	1	15.185349
HS15_str_opr	BOBJ1	184	Before	Interior Girder 1	24	0.95	1	1	11.071245
HS15_str_opr	BOBJ1	184	Before	Interior Girder 2	24	0.95	1	1	10.681829
HS15_str_opr	BOBJ1	184	Before	Interior Girder 3	24	0.95	1	1	9.978405
HS15_str_opr	BOBJ1	184	Before	Interior Girder 4	24	0.95	1	1	10.088345
HS15_str_opr	BOBJ1	184	Before	Interior Girder 5	24	0.95	1	1	10.659262
HS15_str_opr	BOBJ1	184	Before	Interior Girder 6	24	0.95	1	1	11.09683
HS15_str_opr	BOBJ1	184	Before	Right Exterior Girder	24	0.95	1	1	15.204858
HS15_str_opr	BOBJ1	184	After	Left Exterior Girder	24	0.95	1	1	17.084224
HS15_str_opr	BOBJ1	184	After	Interior Girder 1	24	0.95	1	1	14.601143
HS15_str_opr	BOBJ1	184	After	Interior Girder 2	24	0.95	1	1	14.003082
HS15_str_opr	BOBJ1	184	After	Interior Girder 3	24	0.95	1	1	13.96713
HS15_str_opr	BOBJ1	184	After	Interior Girder 4	24	0.95	1	1	14.000987
HS15_str_opr	BOBJ1	184	After	Interior Girder 5	24	0.95	1	1	13.995129
HS15_str_opr	BOBJ1	184	After	Interior Girder 6	24	0.95	1	1	14.596488
HS15_str_opr	BOBJ1	184	After	Right Exterior Girder	24	0.95	1	1	17.110598
HS15_str_opr	BOBJ1	192	Before	Left Exterior Girder	32	0.95	1	1	17.339072
HS15_str_opr	BOBJ1	192	Before	Interior Girder 1	32	0.95	1	1	14.899972
HS15_str_opr	BOBJ1	192	Before	Interior Girder 2	32	0.95	1	1	14.287182
HS15_str_opr	BOBJ1	192	Before	Interior Girder 3	32	0.95	1	1	14.250183
HS15_str_opr	BOBJ1	192	Before	Interior Girder 4	32	0.95	1	1	14.284726
HS15_str_opr	BOBJ1	192	Before	Interior Girder 5	32	0.95	1	1	14.279068
HS15_str_opr	BOBJ1	192	Before	Interior Girder 6	32	0.95	1	1	14.895222
HS15_str_opr	BOBJ1	192	Before	Right Exterior Girder	32	0.95	1	1	17.36584
HS15_str_opr	BOBJ1	192	After	Left Exterior Girder	32	0.95	1	1	26.842149
HS15_str_opr	BOBJ1	192	After	Interior Girder 1	32	0.95	1	1	15.44951
HS15_str_opr	BOBJ1	192	After	Interior Girder 2	32	0.95	1	1	14.403415
HS15_str_opr	BOBJ1	192	After	Interior Girder 3	32	0.95	1	1	12.843748
HS15_str_opr	BOBJ1	192	After	Interior Girder 4	32	0.95	1	1	12.993315
HS15_str_opr	BOBJ1	192	After	Interior Girder 5	32	0.95	1	1	14.345142
HS15_str_opr	BOBJ1	192	After	Interior Girder 6	32	0.95	1	1	15.528795
HS15_str_opr	BOBJ1	192	After	Right Exterior Girder	32	0.95	1	1	26.842149
HS15_str_opr	BOBJ1	200	Before	Left Exterior Girder	40	0.95	1	1	27.230152
HS15_str_opr	BOBJ1	200	Before	Interior Girder 1	40	0.95	1	1	15.754729
HS15_str_opr	BOBJ1	200	Before	Interior Girder 2	40	0.95	1	1	14.687765

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Approach, Span 4-6									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
HS15_str_opr	BOBJ1	200	Before	Interior Girder 3	40	0.95	1	1	13.096589
HS15_str_opr	BOBJ1	200	Before	Interior Girder 4	40	0.95	1	1	13.2491
HS15_str_opr	BOBJ1	200	Before	Interior Girder 5	40	0.95	1	1	14.628343
HS15_str_opr	BOBJ1	200	Before	Interior Girder 6	40	0.95	1	1	15.835581
HS15_str_opr	BOBJ1	200	Before	Right Exterior Girder	40	0.95	1	1	27.230152
HS15_str_opr	BOBJ1	200	After	Left Exterior Girder	40	0.95	1	1	33.868125
HS15_str_opr	BOBJ1	200	After	Interior Girder 1	40	0.95	1	1	21.739078
HS15_str_opr	BOBJ1	200	After	Interior Girder 2	40	0.95	1	1	19.240025
HS15_str_opr	BOBJ1	200	After	Interior Girder 3	40	0.95	1	1	16.334779
HS15_str_opr	BOBJ1	200	After	Interior Girder 4	40	0.95	1	1	16.567026
HS15_str_opr	BOBJ1	200	After	Interior Girder 5	40	0.95	1	1	19.130699
HS15_str_opr	BOBJ1	200	After	Interior Girder 6	40	0.95	1	1	21.748108
HS15_str_opr	BOBJ1	200	After	Right Exterior Girder	40	0.95	1	1	33.868125
HS15_str_opr	BOBJ1	208	Before	Left Exterior Girder	48	0.95	1	1	34.339829
HS15_str_opr	BOBJ1	208	Before	Interior Girder 1	48	0.95	1	1	21.341175
HS15_str_opr	BOBJ1	208	Before	Interior Girder 2	48	0.95	1	1	18.887
HS15_str_opr	BOBJ1	208	Before	Interior Girder 3	48	0.95	1	1	16.034454
HS15_str_opr	BOBJ1	208	Before	Interior Girder 4	48	0.95	1	1	16.262431
HS15_str_opr	BOBJ1	208	Before	Interior Girder 5	48	0.95	1	1	18.77968
HS15_str_opr	BOBJ1	208	Before	Interior Girder 6	48	0.95	1	1	21.35004
HS15_str_opr	BOBJ1	208	Before	Right Exterior Girder	48	0.95	1	1	34.339829
HS15_str_opr	BOBJ1	208	After	Left Exterior Girder	48	0.95	1	1	27.589305
HS15_str_opr	BOBJ1	208	After	Interior Girder 1	48	0.95	1	1	21.706434
HS15_str_opr	BOBJ1	208	After	Interior Girder 2	48	0.95	1	1	20.008446
HS15_str_opr	BOBJ1	208	After	Interior Girder 3	48	0.95	1	1	17.709853
HS15_str_opr	BOBJ1	208	After	Interior Girder 4	48	0.95	1	1	17.990247
HS15_str_opr	BOBJ1	208	After	Interior Girder 5	48	0.95	1	1	19.999314
HS15_str_opr	BOBJ1	208	After	Interior Girder 6	48	0.95	1	1	21.692255
HS15_str_opr	BOBJ1	208	After	Right Exterior Girder	48	0.95	1	1	27.640828
HS15_str_opr	BOBJ1	216	Before	Left Exterior Girder	56	0.95	1	1	27.210002
HS15_str_opr	BOBJ1	216	Before	Interior Girder 1	56	0.95	1	1	21.295704
HS15_str_opr	BOBJ1	216	Before	Interior Girder 2	56	0.95	1	1	19.630952
HS15_str_opr	BOBJ1	216	Before	Interior Girder 3	56	0.95	1	1	18.040755
HS15_str_opr	BOBJ1	216	Before	Interior Girder 4	56	0.95	1	1	18.326388
HS15_str_opr	BOBJ1	216	Before	Interior Girder 5	56	0.95	1	1	19.621993
HS15_str_opr	BOBJ1	216	Before	Interior Girder 6	56	0.95	1	1	21.281793
HS15_str_opr	BOBJ1	216	Before	Right Exterior Girder	56	0.95	1	1	27.260817
HS15_str_opr	BOBJ1	216	After	Left Exterior Girder	56	0.95	1	1	23.147695
HS15_str_opr	BOBJ1	216	After	Interior Girder 1	56	0.95	1	1	14.808028
HS15_str_opr	BOBJ1	216	After	Interior Girder 2	56	0.95	1	1	13.961171
HS15_str_opr	BOBJ1	216	After	Interior Girder 3	56	0.95	1	1	12.649006
HS15_str_opr	BOBJ1	216	After	Interior Girder 4	56	0.95	1	1	12.793581
HS15_str_opr	BOBJ1	216	After	Interior Girder 5	56	0.95	1	1	13.907601
HS15_str_opr	BOBJ1	216	After	Interior Girder 6	56	0.95	1	1	14.880244
HS15_str_opr	BOBJ1	216	After	Right Exterior Girder	56	0.95	1	1	23.181567
HS15_str_opr	BOBJ1	224	Before	Left Exterior Girder	64	0.95	1	1	22.817526
HS15_str_opr	BOBJ1	224	Before	Interior Girder 1	64	0.95	1	1	14.520963
HS15_str_opr	BOBJ1	224	Before	Interior Girder 2	64	0.95	1	1	13.690807
HS15_str_opr	BOBJ1	224	Before	Interior Girder 3	64	0.95	1	1	12.404149
HS15_str_opr	BOBJ1	224	Before	Interior Girder 4	64	0.95	1	1	12.545924
HS15_str_opr	BOBJ1	224	Before	Interior Girder 5	64	0.95	1	1	13.638275
HS15_str_opr	BOBJ1	224	Before	Interior Girder 6	64	0.95	1	1	14.591779
HS15_str_opr	BOBJ1	224	Before	Right Exterior Girder	64	0.95	1	1	22.850914
HS15_str_opr	BOBJ1	224	After	Left Exterior Girder	64	0.95	1	1	15.546617
HS15_str_opr	BOBJ1	224	After	Interior Girder 1	64	0.95	1	1	13.763404
HS15_str_opr	BOBJ1	224	After	Interior Girder 2	64	0.95	1	1	12.966668
HS15_str_opr	BOBJ1	224	After	Interior Girder 3	64	0.95	1	1	12.382604
HS15_str_opr	BOBJ1	224	After	Interior Girder 4	64	0.95	1	1	12.414792
HS15_str_opr	BOBJ1	224	After	Interior Girder 5	64	0.95	1	1	12.955989
HS15_str_opr	BOBJ1	224	After	Interior Girder 6	64	0.95	1	1	13.76236
HS15_str_opr	BOBJ1	224	After	Right Exterior Girder	64	0.95	1	1	15.562033
HS15_str_opr	BOBJ1	232	Before	Left Exterior Girder	72	0.95	1	1	15.317062
HS15_str_opr	BOBJ1	232	Before	Interior Girder 1	72	0.95	1	1	13.488233
HS15_str_opr	BOBJ1	232	Before	Interior Girder 2	72	0.95	1	1	12.709386
HS15_str_opr	BOBJ1	232	Before	Interior Girder 3	72	0.95	1	1	12.13532

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Approach, Span 4-6									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
HS15_str_opr	BOBJ1	232	Before	Interior Girder 4	72	0.95	1	1	12.166865
HS15_str_opr	BOBJ1	232	Before	Interior Girder 5	72	0.95	1	1	12.698919
HS15_str_opr	BOBJ1	232	Before	Interior Girder 6	72	0.95	1	1	13.48721
HS15_str_opr	BOBJ1	232	Before	Right Exterior Girder	72	0.95	1	1	15.33225
HS15_str_opr	BOBJ1	232	After	Left Exterior Girder	72	0.95	1	1	13.761002
HS15_str_opr	BOBJ1	232	After	Interior Girder 1	72	0.95	1	1	9.807617
HS15_str_opr	BOBJ1	232	After	Interior Girder 2	72	0.95	1	1	9.358694
HS15_str_opr	BOBJ1	232	After	Interior Girder 3	72	0.95	1	1	8.174455
HS15_str_opr	BOBJ1	232	After	Interior Girder 4	72	0.95	1	1	8.259832
HS15_str_opr	BOBJ1	232	After	Interior Girder 5	72	0.95	1	1	9.320226
HS15_str_opr	BOBJ1	232	After	Interior Girder 6	72	0.95	1	1	9.857574
HS15_str_opr	BOBJ1	232	After	Right Exterior Girder	72	0.95	1	1	13.778104
HS15_str_opr	BOBJ1	240	Before	Left Exterior Girder	80	0.95	1	1	13.549264
HS15_str_opr	BOBJ1	240	Before	Interior Girder 1	80	0.95	1	1	9.606713
HS15_str_opr	BOBJ1	240	Before	Interior Girder 2	80	0.95	1	1	9.168119
HS15_str_opr	BOBJ1	240	Before	Interior Girder 3	80	0.95	1	1	8.006499
HS15_str_opr	BOBJ1	240	Before	Interior Girder 4	80	0.95	1	1	8.090122
HS15_str_opr	BOBJ1	240	Before	Interior Girder 5	80	0.95	1	1	9.130433
HS15_str_opr	BOBJ1	240	Before	Interior Girder 6	80	0.95	1	1	9.655647
HS15_str_opr	BOBJ1	240	Before	Right Exterior Girder	80	0.95	1	1	13.566102
HS15_str_inv	BOBJ1	0	After	Left Exterior Girder	0	0.95	1	1	10.619066
HS15_str_inv	BOBJ1	0	After	Interior Girder 1	0	0.95	1	1	8.238371
HS15_str_inv	BOBJ1	0	After	Interior Girder 2	0	0.95	1	1	7.696115
HS15_str_inv	BOBJ1	0	After	Interior Girder 3	0	0.95	1	1	7.083182
HS15_str_inv	BOBJ1	0	After	Interior Girder 4	0	0.95	1	1	7.124744
HS15_str_inv	BOBJ1	0	After	Interior Girder 5	0	0.95	1	1	7.669642
HS15_str_inv	BOBJ1	0	After	Interior Girder 6	0	0.95	1	1	8.271509
HS15_str_inv	BOBJ1	0	After	Right Exterior Girder	0	0.95	1	1	10.633648
HS15_str_inv	BOBJ1	8	Before	Left Exterior Girder	8	0.95	1	1	10.777787
HS15_str_inv	BOBJ1	8	Before	Interior Girder 1	8	0.95	1	1	8.404888
HS15_str_inv	BOBJ1	8	Before	Interior Girder 2	8	0.95	1	1	7.8508
HS15_str_inv	BOBJ1	8	Before	Interior Girder 3	8	0.95	1	1	7.226199
HS15_str_inv	BOBJ1	8	Before	Interior Girder 4	8	0.95	1	1	7.2686
HS15_str_inv	BOBJ1	8	Before	Interior Girder 5	8	0.95	1	1	7.823795
HS15_str_inv	BOBJ1	8	Before	Interior Girder 6	8	0.95	1	1	8.438695
HS15_str_inv	BOBJ1	8	Before	Right Exterior Girder	8	0.95	1	1	10.792586
HS15_str_inv	BOBJ1	8	After	Left Exterior Girder	8	0.95	1	1	12.036829
HS15_str_inv	BOBJ1	8	After	Interior Girder 1	8	0.95	1	1	11.628879
HS15_str_inv	BOBJ1	8	After	Interior Girder 2	8	0.95	1	1	10.650673
HS15_str_inv	BOBJ1	8	After	Interior Girder 3	8	0.95	1	1	10.440989
HS15_str_inv	BOBJ1	8	After	Interior Girder 4	8	0.95	1	1	10.454701
HS15_str_inv	BOBJ1	8	After	Interior Girder 5	8	0.95	1	1	10.646124
HS15_str_inv	BOBJ1	8	After	Interior Girder 6	8	0.95	1	1	11.622396
HS15_str_inv	BOBJ1	8	After	Right Exterior Girder	8	0.95	1	1	12.053131
HS15_str_inv	BOBJ1	16	Before	Left Exterior Girder	16	0.95	1	1	12.209893
HS15_str_inv	BOBJ1	16	Before	Interior Girder 1	16	0.95	1	1	11.858204
HS15_str_inv	BOBJ1	16	Before	Interior Girder 2	16	0.95	1	1	10.859338
HS15_str_inv	BOBJ1	16	Before	Interior Girder 3	16	0.95	1	1	10.646065
HS15_str_inv	BOBJ1	16	Before	Interior Girder 4	16	0.95	1	1	10.660046
HS15_str_inv	BOBJ1	16	Before	Interior Girder 5	16	0.95	1	1	10.8547
HS15_str_inv	BOBJ1	16	Before	Interior Girder 6	16	0.95	1	1	11.851593
HS15_str_inv	BOBJ1	16	Before	Right Exterior Girder	16	0.95	1	1	12.22643
HS15_str_inv	BOBJ1	16	After	Left Exterior Girder	16	0.95	1	1	16.767586
HS15_str_inv	BOBJ1	16	After	Interior Girder 1	16	0.95	1	1	12.974496
HS15_str_inv	BOBJ1	16	After	Interior Girder 2	16	0.95	1	1	11.335636
HS15_str_inv	BOBJ1	16	After	Interior Girder 3	16	0.95	1	1	10.356103
HS15_str_inv	BOBJ1	16	After	Interior Girder 4	16	0.95	1	1	10.477289
HS15_str_inv	BOBJ1	16	After	Interior Girder 5	16	0.95	1	1	11.293856
HS15_str_inv	BOBJ1	16	After	Interior Girder 6	16	0.95	1	1	13.041363
HS15_str_inv	BOBJ1	16	After	Right Exterior Girder	16	0.95	1	1	16.788783
HS15_str_inv	BOBJ1	20.5	Before	Left Exterior Girder	20.5	0.95	1	1	16.899808
HS15_str_inv	BOBJ1	20.5	Before	Right Exterior Girder	20.5	0.95	1	1	16.921172
HS15_str_inv	BOBJ1	20.5	After	Left Exterior Girder	20.5	0.95	1	1	18.475006
HS15_str_inv	BOBJ1	20.5	After	Right Exterior Girder	20.5	0.95	1	1	18.502419
HS15_str_inv	BOBJ1	24	Before	Left Exterior Girder	24	0.95	1	1	18.598457

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Approach, Span 4-6									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
HS15_str_inv	BOBJ1	24	Before	Interior Girder 1	24	0.95	1	1	12.400326
HS15_str_inv	BOBJ1	24	Before	Interior Girder 2	24	0.95	1	1	11.552452
HS15_str_inv	BOBJ1	24	Before	Interior Girder 3	24	0.95	1	1	10.553757
HS15_str_inv	BOBJ1	24	Before	Interior Girder 4	24	0.95	1	1	10.677256
HS15_str_inv	BOBJ1	24	Before	Interior Girder 5	24	0.95	1	1	11.509873
HS15_str_inv	BOBJ1	24	Before	Interior Girder 6	24	0.95	1	1	12.457607
HS15_str_inv	BOBJ1	24	Before	Right Exterior Girder	24	0.95	1	1	18.626053
HS15_str_inv	BOBJ1	24	After	Left Exterior Girder	24	0.95	1	1	20.955136
HS15_str_inv	BOBJ1	24	After	Interior Girder 1	24	0.95	1	1	18.329093
HS15_str_inv	BOBJ1	24	After	Interior Girder 2	24	0.95	1	1	16.161713
HS15_str_inv	BOBJ1	24	After	Interior Girder 3	24	0.95	1	1	13.93195
HS15_str_inv	BOBJ1	24	After	Interior Girder 4	24	0.95	1	1	14.153128
HS15_str_inv	BOBJ1	24	After	Interior Girder 5	24	0.95	1	1	16.155697
HS15_str_inv	BOBJ1	24	After	Interior Girder 6	24	0.95	1	1	18.313263
HS15_str_inv	BOBJ1	24	After	Right Exterior Girder	24	0.95	1	1	20.989619
HS15_str_inv	BOBJ1	32	Before	Left Exterior Girder	32	0.95	1	1	21.268177
HS15_str_inv	BOBJ1	32	Before	Interior Girder 1	32	0.95	1	1	18.498757
HS15_str_inv	BOBJ1	32	Before	Interior Girder 2	32	0.95	1	1	16.378728
HS15_str_inv	BOBJ1	32	Before	Interior Girder 3	32	0.95	1	1	13.683971
HS15_str_inv	BOBJ1	32	Before	Interior Girder 4	32	0.95	1	1	13.901213
HS15_str_inv	BOBJ1	32	Before	Interior Girder 5	32	0.95	1	1	16.270798
HS15_str_inv	BOBJ1	32	Before	Interior Girder 6	32	0.95	1	1	18.518041
HS15_str_inv	BOBJ1	32	Before	Right Exterior Girder	32	0.95	1	1	21.303176
HS15_str_inv	BOBJ1	32	After	Left Exterior Girder	32	0.95	1	1	26.483667
HS15_str_inv	BOBJ1	32	After	Interior Girder 1	32	0.95	1	1	16.958968
HS15_str_inv	BOBJ1	32	After	Interior Girder 2	32	0.95	1	1	15.356073
HS15_str_inv	BOBJ1	32	After	Interior Girder 3	32	0.95	1	1	13.097828
HS15_str_inv	BOBJ1	32	After	Interior Girder 4	32	0.95	1	1	13.288656
HS15_str_inv	BOBJ1	32	After	Interior Girder 5	32	0.95	1	1	15.269822
HS15_str_inv	BOBJ1	32	After	Interior Girder 6	32	0.95	1	1	16.966614
HS15_str_inv	BOBJ1	32	After	Right Exterior Girder	32	0.95	1	1	26.483667
HS15_str_inv	BOBJ1	40	Before	Left Exterior Girder	40	0.95	1	1	26.093873
HS15_str_inv	BOBJ1	40	Before	Interior Girder 1	40	0.95	1	1	17.266386
HS15_str_inv	BOBJ1	40	Before	Interior Girder 2	40	0.95	1	1	15.634371
HS15_str_inv	BOBJ1	40	Before	Interior Girder 3	40	0.95	1	1	13.335515
HS15_str_inv	BOBJ1	40	Before	Interior Girder 4	40	0.95	1	1	13.529806
HS15_str_inv	BOBJ1	40	Before	Interior Girder 5	40	0.95	1	1	15.546558
HS15_str_inv	BOBJ1	40	Before	Interior Girder 6	40	0.95	1	1	17.274171
HS15_str_inv	BOBJ1	40	Before	Right Exterior Girder	40	0.95	1	1	26.093873
HS15_str_inv	BOBJ1	40	After	Left Exterior Girder	40	0.95	1	1	21.156481
HS15_str_inv	BOBJ1	40	After	Interior Girder 1	40	0.95	1	1	13.121867
HS15_str_inv	BOBJ1	40	After	Interior Girder 2	40	0.95	1	1	11.80285
HS15_str_inv	BOBJ1	40	After	Interior Girder 3	40	0.95	1	1	10.474718
HS15_str_inv	BOBJ1	40	After	Interior Girder 4	40	0.95	1	1	10.595642
HS15_str_inv	BOBJ1	40	After	Interior Girder 5	40	0.95	1	1	11.754864
HS15_str_inv	BOBJ1	40	After	Interior Girder 6	40	0.95	1	1	13.189856
HS15_str_inv	BOBJ1	40	After	Right Exterior Girder	40	0.95	1	1	21.156481
HS15_str_inv	BOBJ1	46.5	Before	Left Exterior Girder	46.5	0.95	1	1	20.894544
HS15_str_inv	BOBJ1	46.5	Before	Right Exterior Girder	46.5	0.95	1	1	20.894544
HS15_str_inv	BOBJ1	46.5	After	Left Exterior Girder	46.5	0.95	1	1	16.499747
HS15_str_inv	BOBJ1	46.5	After	Right Exterior Girder	46.5	0.95	1	1	16.499747
HS15_str_inv	BOBJ1	48	Before	Left Exterior Girder	48	0.95	1	1	16.455739
HS15_str_inv	BOBJ1	48	Before	Interior Girder 1	48	0.95	1	1	15.09848
HS15_str_inv	BOBJ1	48	Before	Interior Girder 2	48	0.95	1	1	11.581649
HS15_str_inv	BOBJ1	48	Before	Interior Girder 3	48	0.95	1	1	10.278841
HS15_str_inv	BOBJ1	48	Before	Interior Girder 4	48	0.95	1	1	10.397505
HS15_str_inv	BOBJ1	48	Before	Interior Girder 5	48	0.95	1	1	11.534563
HS15_str_inv	BOBJ1	48	Before	Interior Girder 6	48	0.95	1	1	15.144315
HS15_str_inv	BOBJ1	48	Before	Right Exterior Girder	48	0.95	1	1	16.455739
HS15_str_inv	BOBJ1	48	After	Left Exterior Girder	48	0.95	1	1	13.77126
HS15_str_inv	BOBJ1	48	After	Interior Girder 1	48	0.95	1	1	12.547547
HS15_str_inv	BOBJ1	48	After	Interior Girder 2	48	0.95	1	1	11.605051
HS15_str_inv	BOBJ1	48	After	Interior Girder 3	48	0.95	1	1	11.435119
HS15_str_inv	BOBJ1	48	After	Interior Girder 4	48	0.95	1	1	11.462278
HS15_str_inv	BOBJ1	48	After	Interior Girder 5	48	0.95	1	1	11.597942

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Approach, Span 4-6									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
HS15_str_inv	BOBJ1	48	After	Interior Girder 6	48	0.95	1	1	12.543083
HS15_str_inv	BOBJ1	48	After	Right Exterior Girder	48	0.95	1	1	13.793221
HS15_str_inv	BOBJ1	56	Before	Left Exterior Girder	56	0.95	1	1	13.576247
HS15_str_inv	BOBJ1	56	Before	Interior Girder 1	56	0.95	1	1	12.30501
HS15_str_inv	BOBJ1	56	Before	Interior Girder 2	56	0.95	1	1	11.382019
HS15_str_inv	BOBJ1	56	Before	Interior Girder 3	56	0.95	1	1	11.215429
HS15_str_inv	BOBJ1	56	Before	Interior Girder 4	56	0.95	1	1	11.242066
HS15_str_inv	BOBJ1	56	Before	Interior Girder 5	56	0.95	1	1	11.375047
HS15_str_inv	BOBJ1	56	Before	Interior Girder 6	56	0.95	1	1	12.300632
HS15_str_inv	BOBJ1	56	Before	Right Exterior Girder	56	0.95	1	1	13.597897
HS15_str_inv	BOBJ1	56	After	Left Exterior Girder	56	0.95	1	1	12.147985
HS15_str_inv	BOBJ1	56	After	Interior Girder 1	56	0.95	1	1	9.248209
HS15_str_inv	BOBJ1	56	After	Interior Girder 2	56	0.95	1	1	8.704064
HS15_str_inv	BOBJ1	56	After	Interior Girder 3	56	0.95	1	1	8.062511
HS15_str_inv	BOBJ1	56	After	Interior Girder 4	56	0.95	1	1	8.150861
HS15_str_inv	BOBJ1	56	After	Interior Girder 5	56	0.95	1	1	8.685494
HS15_str_inv	BOBJ1	56	After	Interior Girder 6	56	0.95	1	1	9.269761
HS15_str_inv	BOBJ1	56	After	Right Exterior Girder	56	0.95	1	1	12.164552
HS15_str_inv	BOBJ1	59	Before	Interior Girder 1	59	0.95	1	1	9.179392
HS15_str_inv	BOBJ1	59	Before	Interior Girder 2	59	0.95	1	1	8.639826
HS15_str_inv	BOBJ1	59	Before	Interior Girder 3	59	0.95	1	1	8.003007
HS15_str_inv	BOBJ1	59	Before	Interior Girder 4	59	0.95	1	1	8.090706
HS15_str_inv	BOBJ1	59	Before	Interior Girder 5	59	0.95	1	1	8.621393
HS15_str_inv	BOBJ1	59	Before	Interior Girder 6	59	0.95	1	1	9.200784
HS15_str_inv	BOBJ1	59	After	Interior Girder 1	59	0.95	1	1	6.360146
HS15_str_inv	BOBJ1	59	After	Interior Girder 2	59	0.95	1	1	6.01927
HS15_str_inv	BOBJ1	59	After	Interior Girder 3	59	0.95	1	1	5.425414
HS15_str_inv	BOBJ1	59	After	Interior Girder 4	59	0.95	1	1	5.488141
HS15_str_inv	BOBJ1	59	After	Interior Girder 5	59	0.95	1	1	5.998571
HS15_str_inv	BOBJ1	59	After	Interior Girder 6	59	0.95	1	1	6.38755
HS15_str_inv	BOBJ1	64	Before	Left Exterior Girder	64	0.95	1	1	12.182849
HS15_str_inv	BOBJ1	64	Before	Interior Girder 1	64	0.95	1	1	6.267329
HS15_str_inv	BOBJ1	64	Before	Interior Girder 2	64	0.95	1	1	5.932022
HS15_str_inv	BOBJ1	64	Before	Interior Girder 3	64	0.95	1	1	5.346683
HS15_str_inv	BOBJ1	64	Before	Interior Girder 4	64	0.95	1	1	5.408499
HS15_str_inv	BOBJ1	64	Before	Interior Girder 5	64	0.95	1	1	5.911622
HS15_str_inv	BOBJ1	64	Before	Interior Girder 6	64	0.95	1	1	6.294333
HS15_str_inv	BOBJ1	64	Before	Right Exterior Girder	64	0.95	1	1	12.199937
HS15_str_inv	BOBJ1	64	After	Left Exterior Girder	64	0.95	1	1	8.840695
HS15_str_inv	BOBJ1	64	After	Interior Girder 1	64	0.95	1	1	6.853411
HS15_str_inv	BOBJ1	64	After	Interior Girder 2	64	0.95	1	1	6.259374
HS15_str_inv	BOBJ1	64	After	Interior Girder 3	64	0.95	1	1	5.662606
HS15_str_inv	BOBJ1	64	After	Interior Girder 4	64	0.95	1	1	5.676546
HS15_str_inv	BOBJ1	64	After	Interior Girder 5	64	0.95	1	1	6.254166
HS15_str_inv	BOBJ1	64	After	Interior Girder 6	64	0.95	1	1	6.851212
HS15_str_inv	BOBJ1	64	After	Right Exterior Girder	64	0.95	1	1	8.850932
HS15_str_inv	BOBJ1	69	Before	Interior Girder 1	69	0.95	1	1	6.751619
HS15_str_inv	BOBJ1	69	Before	Interior Girder 2	69	0.95	1	1	6.167838
HS15_str_inv	BOBJ1	69	Before	Interior Girder 3	69	0.95	1	1	5.577576
HS15_str_inv	BOBJ1	69	Before	Interior Girder 4	69	0.95	1	1	5.591308
HS15_str_inv	BOBJ1	69	Before	Interior Girder 5	69	0.95	1	1	6.162705
HS15_str_inv	BOBJ1	69	Before	Interior Girder 6	69	0.95	1	1	6.749452
HS15_str_inv	BOBJ1	69	After	Interior Girder 1	69	0.95	1	1	5.657364
HS15_str_inv	BOBJ1	69	After	Interior Girder 2	69	0.95	1	1	5.317148
HS15_str_inv	BOBJ1	69	After	Interior Girder 3	69	0.95	1	1	4.629117
HS15_str_inv	BOBJ1	69	After	Interior Girder 4	69	0.95	1	1	4.657544
HS15_str_inv	BOBJ1	69	After	Interior Girder 5	69	0.95	1	1	5.306168
HS15_str_inv	BOBJ1	69	After	Interior Girder 6	69	0.95	1	1	5.666946
HS15_str_inv	BOBJ1	72	Before	Left Exterior Girder	72	0.95	1	1	6.035635
HS15_str_inv	BOBJ1	72	Before	Interior Girder 1	72	0.95	1	1	5.599476
HS15_str_inv	BOBJ1	72	Before	Interior Girder 2	72	0.95	1	1	5.263794
HS15_str_inv	BOBJ1	72	Before	Interior Girder 3	72	0.95	1	1	4.581259
HS15_str_inv	BOBJ1	72	Before	Interior Girder 4	72	0.95	1	1	4.609393
HS15_str_inv	BOBJ1	72	Before	Interior Girder 5	72	0.95	1	1	5.252924
HS15_str_inv	BOBJ1	72	Before	Interior Girder 6	72	0.95	1	1	5.60896

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Approach, Span 4-6									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
HS15_str_inv	BOBJ1	72	Before	Right Exterior Girder	72	0.95	1	1	6.042075
HS15_str_inv	BOBJ1	72	After	Left Exterior Girder	72	0.95	1	1	5.662521
HS15_str_inv	BOBJ1	72	After	Interior Girder 1	72	0.95	1	1	6.373327
HS15_str_inv	BOBJ1	72	After	Interior Girder 2	72	0.95	1	1	4.832454
HS15_str_inv	BOBJ1	72	After	Interior Girder 3	72	0.95	1	1	4.115663
HS15_str_inv	BOBJ1	72	After	Interior Girder 4	72	0.95	1	1	4.145735
HS15_str_inv	BOBJ1	72	After	Interior Girder 5	72	0.95	1	1	4.812837
HS15_str_inv	BOBJ1	72	After	Interior Girder 6	72	0.95	1	1	6.404872
HS15_str_inv	BOBJ1	72	After	Right Exterior Girder	72	0.95	1	1	5.669188
HS15_str_inv	BOBJ1	72.5	Before	Left Exterior Girder	72.5	0.95	1	1	5.656459
HS15_str_inv	BOBJ1	72.5	Before	Right Exterior Girder	72.5	0.95	1	1	5.663119
HS15_str_inv	BOBJ1	72.5	After	Left Exterior Girder	72.5	0.95	1	1	8.13965
HS15_str_inv	BOBJ1	72.5	After	Right Exterior Girder	72.5	0.95	1	1	8.148576
HS15_str_inv	BOBJ1	80	Before	Left Exterior Girder	80	0.95	1	1	7.998926
HS15_str_inv	BOBJ1	80	Before	Interior Girder 1	80	0.95	1	1	5.078917
HS15_str_inv	BOBJ1	80	Before	Interior Girder 2	80	0.95	1	1	4.701359
HS15_str_inv	BOBJ1	80	Before	Interior Girder 3	80	0.95	1	1	3.999971
HS15_str_inv	BOBJ1	80	Before	Interior Girder 4	80	0.95	1	1	4.029197
HS15_str_inv	BOBJ1	80	Before	Interior Girder 5	80	0.95	1	1	4.682274
HS15_str_inv	BOBJ1	80	Before	Interior Girder 6	80	0.95	1	1	5.103544
HS15_str_inv	BOBJ1	80	Before	Right Exterior Girder	80	0.95	1	1	8.007697
HS15_str_inv	BOBJ1	80	After	Left Exterior Girder	0	0.95	1	1	9.03698
HS15_str_inv	BOBJ1	80	After	Interior Girder 1	0	0.95	1	1	5.442611
HS15_str_inv	BOBJ1	80	After	Interior Girder 2	0	0.95	1	1	5.082767
HS15_str_inv	BOBJ1	80	After	Interior Girder 3	0	0.95	1	1	4.292936
HS15_str_inv	BOBJ1	80	After	Interior Girder 4	0	0.95	1	1	4.332888
HS15_str_inv	BOBJ1	80	After	Interior Girder 5	0	0.95	1	1	5.061953
HS15_str_inv	BOBJ1	80	After	Interior Girder 6	0	0.95	1	1	5.469135
HS15_str_inv	BOBJ1	80	After	Right Exterior Girder	0	0.95	1	1	9.046227
HS15_str_inv	BOBJ1	87.5	Before	Left Exterior Girder	7.5	0.95	1	1	9.188704
HS15_str_inv	BOBJ1	87.5	Before	Right Exterior Girder	7.5	0.95	1	1	9.198107
HS15_str_inv	BOBJ1	87.5	After	Left Exterior Girder	7.5	0.95	1	1	7.056886
HS15_str_inv	BOBJ1	87.5	After	Right Exterior Girder	7.5	0.95	1	1	7.064507
HS15_str_inv	BOBJ1	88	Before	Left Exterior Girder	8	0.95	1	1	7.063824
HS15_str_inv	BOBJ1	88	Before	Interior Girder 1	8	0.95	1	1	6.234139
HS15_str_inv	BOBJ1	88	Before	Interior Girder 2	8	0.95	1	1	5.218302
HS15_str_inv	BOBJ1	88	Before	Interior Girder 3	8	0.95	1	1	4.411532
HS15_str_inv	BOBJ1	88	Before	Interior Girder 4	8	0.95	1	1	4.452588
HS15_str_inv	BOBJ1	88	Before	Interior Girder 5	8	0.95	1	1	5.196933
HS15_str_inv	BOBJ1	88	Before	Interior Girder 6	8	0.95	1	1	6.264164
HS15_str_inv	BOBJ1	88	Before	Right Exterior Girder	8	0.95	1	1	7.071452
HS15_str_inv	BOBJ1	88	After	Left Exterior Girder	8	0.95	1	1	7.501417
HS15_str_inv	BOBJ1	88	After	Interior Girder 1	8	0.95	1	1	6.091491
HS15_str_inv	BOBJ1	88	After	Interior Girder 2	8	0.95	1	1	5.741641
HS15_str_inv	BOBJ1	88	After	Interior Girder 3	8	0.95	1	1	5.006911
HS15_str_inv	BOBJ1	88	After	Interior Girder 4	8	0.95	1	1	5.037215
HS15_str_inv	BOBJ1	88	After	Interior Girder 5	8	0.95	1	1	5.730003
HS15_str_inv	BOBJ1	88	After	Interior Girder 6	8	0.95	1	1	6.101822
HS15_str_inv	BOBJ1	88	After	Right Exterior Girder	8	0.95	1	1	7.509943
HS15_str_inv	BOBJ1	91	Before	Interior Girder 1	11	0.95	1	1	6.151479
HS15_str_inv	BOBJ1	91	Before	Interior Girder 2	11	0.95	1	1	5.797378
HS15_str_inv	BOBJ1	91	Before	Interior Girder 3	11	0.95	1	1	5.05695
HS15_str_inv	BOBJ1	91	Before	Interior Girder 4	11	0.95	1	1	5.087557
HS15_str_inv	BOBJ1	91	Before	Interior Girder 5	11	0.95	1	1	5.785626
HS15_str_inv	BOBJ1	91	Before	Interior Girder 6	11	0.95	1	1	6.161912
HS15_str_inv	BOBJ1	91	After	Interior Girder 1	11	0.95	1	1	7.403156
HS15_str_inv	BOBJ1	91	After	Interior Girder 2	11	0.95	1	1	6.832773
HS15_str_inv	BOBJ1	91	After	Interior Girder 3	11	0.95	1	1	6.199699
HS15_str_inv	BOBJ1	91	After	Interior Girder 4	11	0.95	1	1	6.212816
HS15_str_inv	BOBJ1	91	After	Interior Girder 5	11	0.95	1	1	6.827418
HS15_str_inv	BOBJ1	91	After	Interior Girder 6	11	0.95	1	1	7.400538
HS15_str_inv	BOBJ1	96	Before	Left Exterior Girder	16	0.95	1	1	10.37149
HS15_str_inv	BOBJ1	96	Before	Interior Girder 1	16	0.95	1	1	7.509834
HS15_str_inv	BOBJ1	96	Before	Interior Girder 2	16	0.95	1	1	6.929953
HS15_str_inv	BOBJ1	96	Before	Interior Girder 3	16	0.95	1	1	6.290184

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Approach, Span 4-6									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
HS15_str_inv	BOBJ1	96	Before	Interior Girder 4	16	0.95	1	1	6.303493
HS15_str_inv	BOBJ1	96	Before	Interior Girder 5	16	0.95	1	1	6.924523
HS15_str_inv	BOBJ1	96	Before	Interior Girder 6	16	0.95	1	1	7.507178
HS15_str_inv	BOBJ1	96	Before	Right Exterior Girder	16	0.95	1	1	10.382911
HS15_str_inv	BOBJ1	96	After	Left Exterior Girder	16	0.95	1	1	10.269024
HS15_str_inv	BOBJ1	96	After	Interior Girder 1	16	0.95	1	1	7.772602
HS15_str_inv	BOBJ1	96	After	Interior Girder 2	16	0.95	1	1	7.400415
HS15_str_inv	BOBJ1	96	After	Interior Girder 3	16	0.95	1	1	6.879368
HS15_str_inv	BOBJ1	96	After	Interior Girder 4	16	0.95	1	1	6.945318
HS15_str_inv	BOBJ1	96	After	Interior Girder 5	16	0.95	1	1	7.373891
HS15_str_inv	BOBJ1	96	After	Interior Girder 6	16	0.95	1	1	7.805957
HS15_str_inv	BOBJ1	96	After	Right Exterior Girder	16	0.95	1	1	10.282937
HS15_str_inv	BOBJ1	104	Before	Left Exterior Girder	24	0.95	1	1	10.440782
HS15_str_inv	BOBJ1	104	Before	Interior Girder 1	24	0.95	1	1	7.948496
HS15_str_inv	BOBJ1	104	Before	Interior Girder 2	24	0.95	1	1	7.567281
HS15_str_inv	BOBJ1	104	Before	Interior Girder 3	24	0.95	1	1	7.034464
HS15_str_inv	BOBJ1	104	Before	Interior Girder 4	24	0.95	1	1	7.101901
HS15_str_inv	BOBJ1	104	Before	Interior Girder 5	24	0.95	1	1	7.540158
HS15_str_inv	BOBJ1	104	Before	Interior Girder 6	24	0.95	1	1	7.982607
HS15_str_inv	BOBJ1	104	Before	Right Exterior Girder	24	0.95	1	1	10.454928
HS15_str_inv	BOBJ1	104	After	Left Exterior Girder	24	0.95	1	1	12.171699
HS15_str_inv	BOBJ1	104	After	Interior Girder 1	24	0.95	1	1	11.190074
HS15_str_inv	BOBJ1	104	After	Interior Girder 2	24	0.95	1	1	10.446766
HS15_str_inv	BOBJ1	104	After	Interior Girder 3	24	0.95	1	1	10.362265
HS15_str_inv	BOBJ1	104	After	Interior Girder 4	24	0.95	1	1	10.385371
HS15_str_inv	BOBJ1	104	After	Interior Girder 5	24	0.95	1	1	10.441916
HS15_str_inv	BOBJ1	104	After	Interior Girder 6	24	0.95	1	1	11.183013
HS15_str_inv	BOBJ1	104	After	Right Exterior Girder	24	0.95	1	1	12.192034
HS15_str_inv	BOBJ1	112	Before	Left Exterior Girder	32	0.95	1	1	12.365661
HS15_str_inv	BOBJ1	112	Before	Interior Girder 1	32	0.95	1	1	11.436235
HS15_str_inv	BOBJ1	112	Before	Interior Girder 2	32	0.95	1	1	10.675259
HS15_str_inv	BOBJ1	112	Before	Interior Girder 3	32	0.95	1	1	10.588742
HS15_str_inv	BOBJ1	112	Before	Interior Girder 4	32	0.95	1	1	10.612352
HS15_str_inv	BOBJ1	112	Before	Interior Girder 5	32	0.95	1	1	10.670303
HS15_str_inv	BOBJ1	112	Before	Interior Girder 6	32	0.95	1	1	11.429018
HS15_str_inv	BOBJ1	112	Before	Right Exterior Girder	32	0.95	1	1	12.38632
HS15_str_inv	BOBJ1	112	After	Left Exterior Girder	32	0.95	1	1	21.079208
HS15_str_inv	BOBJ1	112	After	Interior Girder 1	32	0.95	1	1	11.758948
HS15_str_inv	BOBJ1	112	After	Interior Girder 2	32	0.95	1	1	10.764323
HS15_str_inv	BOBJ1	112	After	Interior Girder 3	32	0.95	1	1	9.375152
HS15_str_inv	BOBJ1	112	After	Interior Girder 4	32	0.95	1	1	9.491051
HS15_str_inv	BOBJ1	112	After	Interior Girder 5	32	0.95	1	1	10.70683
HS15_str_inv	BOBJ1	112	After	Interior Girder 6	32	0.95	1	1	11.765523
HS15_str_inv	BOBJ1	112	After	Right Exterior Girder	32	0.95	1	1	21.079208
HS15_str_inv	BOBJ1	120	Before	Left Exterior Girder	40	0.95	1	1	21.402042
HS15_str_inv	BOBJ1	120	Before	Interior Girder 1	40	0.95	1	1	12.008081
HS15_str_inv	BOBJ1	120	Before	Interior Girder 2	40	0.95	1	1	10.992619
HS15_str_inv	BOBJ1	120	Before	Interior Girder 3	40	0.95	1	1	9.573877
HS15_str_inv	BOBJ1	120	Before	Interior Girder 4	40	0.95	1	1	9.692232
HS15_str_inv	BOBJ1	120	Before	Interior Girder 5	40	0.95	1	1	10.933906
HS15_str_inv	BOBJ1	120	Before	Interior Girder 6	40	0.95	1	1	12.014796
HS15_str_inv	BOBJ1	120	Before	Right Exterior Girder	40	0.95	1	1	21.402042
HS15_str_inv	BOBJ1	120	After	Left Exterior Girder	40	0.95	1	1	22.250236
HS15_str_inv	BOBJ1	120	After	Interior Girder 1	40	0.95	1	1	12.128357
HS15_str_inv	BOBJ1	120	After	Interior Girder 2	40	0.95	1	1	11.097844
HS15_str_inv	BOBJ1	120	After	Interior Girder 3	40	0.95	1	1	9.644013
HS15_str_inv	BOBJ1	120	After	Interior Girder 4	40	0.95	1	1	9.764592
HS15_str_inv	BOBJ1	120	After	Interior Girder 5	40	0.95	1	1	11.038347
HS15_str_inv	BOBJ1	120	After	Interior Girder 6	40	0.95	1	1	12.132209
HS15_str_inv	BOBJ1	120	After	Right Exterior Girder	40	0.95	1	1	22.250236
HS15_str_inv	BOBJ1	128	Before	Left Exterior Girder	48	0.95	1	1	21.91535
HS15_str_inv	BOBJ1	128	Before	Interior Girder 1	48	0.95	1	1	11.876937
HS15_str_inv	BOBJ1	128	Before	Interior Girder 2	48	0.95	1	1	10.867538
HS15_str_inv	BOBJ1	128	Before	Interior Girder 3	48	0.95	1	1	9.443942
HS15_str_inv	BOBJ1	128	Before	Interior Girder 4	48	0.95	1	1	9.562019

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Approach, Span 4-6									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
HS15_str_inv	BOBJ1	128	Before	Interior Girder 5	48	0.95	1	1	10.809276
HS15_str_inv	BOBJ1	128	Before	Interior Girder 6	48	0.95	1	1	11.880709
HS15_str_inv	BOBJ1	128	Before	Right Exterior Girder	48	0.95	1	1	21.91535
HS15_str_inv	BOBJ1	128	After	Left Exterior Girder	48	0.95	1	1	12.743887
HS15_str_inv	BOBJ1	128	After	Interior Girder 1	48	0.95	1	1	11.582591
HS15_str_inv	BOBJ1	128	After	Interior Girder 2	48	0.95	1	1	10.806656
HS15_str_inv	BOBJ1	128	After	Interior Girder 3	48	0.95	1	1	10.720493
HS15_str_inv	BOBJ1	128	After	Interior Girder 4	48	0.95	1	1	10.744697
HS15_str_inv	BOBJ1	128	After	Interior Girder 5	48	0.95	1	1	10.801642
HS15_str_inv	BOBJ1	128	After	Interior Girder 6	48	0.95	1	1	11.575182
HS15_str_inv	BOBJ1	128	After	Right Exterior Girder	48	0.95	1	1	12.765354
HS15_str_inv	BOBJ1	136	Before	Left Exterior Girder	56	0.95	1	1	12.544525
HS15_str_inv	BOBJ1	136	Before	Interior Girder 1	56	0.95	1	1	11.333429
HS15_str_inv	BOBJ1	136	Before	Interior Girder 2	56	0.95	1	1	10.57544
HS15_str_inv	BOBJ1	136	Before	Interior Girder 3	56	0.95	1	1	10.491396
HS15_str_inv	BOBJ1	136	Before	Interior Girder 4	56	0.95	1	1	10.515083
HS15_str_inv	BOBJ1	136	Before	Interior Girder 5	56	0.95	1	1	10.570533
HS15_str_inv	BOBJ1	136	Before	Interior Girder 6	56	0.95	1	1	11.326179
HS15_str_inv	BOBJ1	136	Before	Right Exterior Girder	56	0.95	1	1	12.565655
HS15_str_inv	BOBJ1	136	After	Left Exterior Girder	56	0.95	1	1	10.723655
HS15_str_inv	BOBJ1	136	After	Interior Girder 1	56	0.95	1	1	8.025109
HS15_str_inv	BOBJ1	136	After	Interior Girder 2	56	0.95	1	1	7.638188
HS15_str_inv	BOBJ1	136	After	Interior Girder 3	56	0.95	1	1	7.099333
HS15_str_inv	BOBJ1	136	After	Interior Girder 4	56	0.95	1	1	7.16765
HS15_str_inv	BOBJ1	136	After	Interior Girder 5	56	0.95	1	1	7.610784
HS15_str_inv	BOBJ1	136	After	Interior Girder 6	56	0.95	1	1	8.05965
HS15_str_inv	BOBJ1	136	After	Right Exterior Girder	56	0.95	1	1	10.738222
HS15_str_inv	BOBJ1	144	Before	Left Exterior Girder	64	0.95	1	1	10.547762
HS15_str_inv	BOBJ1	144	Before	Interior Girder 1	64	0.95	1	1	7.847609
HS15_str_inv	BOBJ1	144	Before	Interior Girder 2	64	0.95	1	1	7.469805
HS15_str_inv	BOBJ1	144	Before	Interior Girder 3	64	0.95	1	1	6.942959
HS15_str_inv	BOBJ1	144	Before	Interior Girder 4	64	0.95	1	1	7.009772
HS15_str_inv	BOBJ1	144	Before	Interior Girder 5	64	0.95	1	1	7.443004
HS15_str_inv	BOBJ1	144	Before	Interior Girder 6	64	0.95	1	1	7.881386
HS15_str_inv	BOBJ1	144	Before	Right Exterior Girder	64	0.95	1	1	10.56209
HS15_str_inv	BOBJ1	144	After	Left Exterior Girder	64	0.95	1	1	9.831694
HS15_str_inv	BOBJ1	144	After	Interior Girder 1	64	0.95	1	1	7.578487
HS15_str_inv	BOBJ1	144	After	Interior Girder 2	64	0.95	1	1	6.988329
HS15_str_inv	BOBJ1	144	After	Interior Girder 3	64	0.95	1	1	6.385351
HS15_str_inv	BOBJ1	144	After	Interior Girder 4	64	0.95	1	1	6.397116
HS15_str_inv	BOBJ1	144	After	Interior Girder 5	64	0.95	1	1	6.982156
HS15_str_inv	BOBJ1	144	After	Interior Girder 6	64	0.95	1	1	7.577022
HS15_str_inv	BOBJ1	144	After	Right Exterior Girder	64	0.95	1	1	9.842462
HS15_str_inv	BOBJ1	150	Before	Interior Girder 1	70	0.95	1	1	7.449234
HS15_str_inv	BOBJ1	150	Before	Interior Girder 2	70	0.95	1	1	6.87058
HS15_str_inv	BOBJ1	150	Before	Interior Girder 3	70	0.95	1	1	6.275281
HS15_str_inv	BOBJ1	150	Before	Interior Girder 4	70	0.95	1	1	6.286843
HS15_str_inv	BOBJ1	150	Before	Interior Girder 5	70	0.95	1	1	6.864511
HS15_str_inv	BOBJ1	150	Before	Interior Girder 6	70	0.95	1	1	7.447794
HS15_str_inv	BOBJ1	150	After	Interior Girder 1	70	0.95	1	1	5.747692
HS15_str_inv	BOBJ1	150	After	Interior Girder 2	70	0.95	1	1	5.598685
HS15_str_inv	BOBJ1	150	After	Interior Girder 3	70	0.95	1	1	4.842902
HS15_str_inv	BOBJ1	150	After	Interior Girder 4	70	0.95	1	1	4.882836
HS15_str_inv	BOBJ1	150	After	Interior Girder 5	70	0.95	1	1	5.587971
HS15_str_inv	BOBJ1	150	After	Interior Girder 6	70	0.95	1	1	5.757322
HS15_str_inv	BOBJ1	152	Before	Left Exterior Girder	72	0.95	1	1	9.755346
HS15_str_inv	BOBJ1	152	Before	Interior Girder 1	72	0.95	1	1	5.710393
HS15_str_inv	BOBJ1	152	Before	Interior Girder 2	72	0.95	1	1	5.563111
HS15_str_inv	BOBJ1	152	Before	Interior Girder 3	72	0.95	1	1	4.811281
HS15_str_inv	BOBJ1	152	Before	Interior Girder 4	72	0.95	1	1	4.850954
HS15_str_inv	BOBJ1	152	Before	Interior Girder 5	72	0.95	1	1	5.552465
HS15_str_inv	BOBJ1	152	Before	Interior Girder 6	72	0.95	1	1	5.719961
HS15_str_inv	BOBJ1	152	Before	Right Exterior Girder	72	0.95	1	1	9.766819
HS15_str_inv	BOBJ1	152	After	Left Exterior Girder	72	0.95	1	1	8.531302
HS15_str_inv	BOBJ1	152	After	Interior Girder 1	72	0.95	1	1	5.129444

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Approach, Span 4-6									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
HS15_str_inv	BOBJ1	152	After	Interior Girder 2	72	0.95	1	1	5.235481
HS15_str_inv	BOBJ1	152	After	Interior Girder 3	72	0.95	1	1	4.448555
HS15_str_inv	BOBJ1	152	After	Interior Girder 4	72	0.95	1	1	4.490067
HS15_str_inv	BOBJ1	152	After	Interior Girder 5	72	0.95	1	1	5.213816
HS15_str_inv	BOBJ1	152	After	Interior Girder 6	72	0.95	1	1	5.151141
HS15_str_inv	BOBJ1	152	After	Right Exterior Girder	72	0.95	1	1	8.540299
HS15_str_inv	BOBJ1	154	Before	Left Exterior Girder	74	0.95	1	1	8.497068
HS15_str_inv	BOBJ1	154	Before	Right Exterior Girder	74	0.95	1	1	8.506029
HS15_str_inv	BOBJ1	154	After	Left Exterior Girder	74	0.95	1	1	8.560307
HS15_str_inv	BOBJ1	154	After	Right Exterior Girder	74	0.95	1	1	8.568885
HS15_str_inv	BOBJ1	160	Before	Left Exterior Girder	80	0.95	1	1	8.443619
HS15_str_inv	BOBJ1	160	Before	Interior Girder 1	80	0.95	1	1	5.485719
HS15_str_inv	BOBJ1	160	Before	Interior Girder 2	80	0.95	1	1	5.101111
HS15_str_inv	BOBJ1	160	Before	Interior Girder 3	80	0.95	1	1	4.330743
HS15_str_inv	BOBJ1	160	Before	Interior Girder 4	80	0.95	1	1	4.371156
HS15_str_inv	BOBJ1	160	Before	Interior Girder 5	80	0.95	1	1	5.080002
HS15_str_inv	BOBJ1	160	Before	Interior Girder 6	80	0.95	1	1	5.513285
HS15_str_inv	BOBJ1	160	Before	Right Exterior Girder	80	0.95	1	1	8.45208
HS15_str_inv	BOBJ1	160	After	Left Exterior Girder	0	0.95	1	1	7.440691
HS15_str_inv	BOBJ1	160	After	Interior Girder 1	0	0.95	1	1	5.096528
HS15_str_inv	BOBJ1	160	After	Interior Girder 2	0	0.95	1	1	4.707388
HS15_str_inv	BOBJ1	160	After	Interior Girder 3	0	0.95	1	1	4.026922
HS15_str_inv	BOBJ1	160	After	Interior Girder 4	0	0.95	1	1	4.053859
HS15_str_inv	BOBJ1	160	After	Interior Girder 5	0	0.95	1	1	4.688206
HS15_str_inv	BOBJ1	160	After	Interior Girder 6	0	0.95	1	1	5.121699
HS15_str_inv	BOBJ1	160	After	Right Exterior Girder	0	0.95	1	1	7.448406
HS15_str_inv	BOBJ1	166	Before	Left Exterior Girder	6	0.95	1	1	7.548408
HS15_str_inv	BOBJ1	166	Before	Right Exterior Girder	6	0.95	1	1	7.556234
HS15_str_inv	BOBJ1	166	After	Left Exterior Girder	6	0.95	1	1	7.203223
HS15_str_inv	BOBJ1	166	After	Right Exterior Girder	6	0.95	1	1	7.211017
HS15_str_inv	BOBJ1	168	Before	Left Exterior Girder	8	0.95	1	1	7.233835
HS15_str_inv	BOBJ1	168	Before	Interior Girder 1	8	0.95	1	1	4.851271
HS15_str_inv	BOBJ1	168	Before	Interior Girder 2	8	0.95	1	1	4.836897
HS15_str_inv	BOBJ1	168	Before	Interior Girder 3	8	0.95	1	1	4.141766
HS15_str_inv	BOBJ1	168	Before	Interior Girder 4	8	0.95	1	1	4.16947
HS15_str_inv	BOBJ1	168	Before	Interior Girder 5	8	0.95	1	1	4.817187
HS15_str_inv	BOBJ1	168	Before	Interior Girder 6	8	0.95	1	1	4.871749
HS15_str_inv	BOBJ1	168	Before	Right Exterior Girder	8	0.95	1	1	7.241663
HS15_str_inv	BOBJ1	168	After	Left Exterior Girder	8	0.95	1	1	8.232238
HS15_str_inv	BOBJ1	168	After	Interior Girder 1	8	0.95	1	1	5.242281
HS15_str_inv	BOBJ1	168	After	Interior Girder 2	8	0.95	1	1	5.099779
HS15_str_inv	BOBJ1	168	After	Interior Girder 3	8	0.95	1	1	4.411538
HS15_str_inv	BOBJ1	168	After	Interior Girder 4	8	0.95	1	1	4.443377
HS15_str_inv	BOBJ1	168	After	Interior Girder 5	8	0.95	1	1	5.089835
HS15_str_inv	BOBJ1	168	After	Interior Girder 6	8	0.95	1	1	5.250938
HS15_str_inv	BOBJ1	168	After	Right Exterior Girder	8	0.95	1	1	8.240502
HS15_str_inv	BOBJ1	170	Before	Interior Girder 1	10	0.95	1	1	5.278188
HS15_str_inv	BOBJ1	170	Before	Interior Girder 2	10	0.95	1	1	5.133794
HS15_str_inv	BOBJ1	170	Before	Interior Girder 3	10	0.95	1	1	4.441882
HS15_str_inv	BOBJ1	170	Before	Interior Girder 4	10	0.95	1	1	4.473941
HS15_str_inv	BOBJ1	170	Before	Interior Girder 5	10	0.95	1	1	5.123785
HS15_str_inv	BOBJ1	170	Before	Interior Girder 6	10	0.95	1	1	5.286905
HS15_str_inv	BOBJ1	170	After	Interior Girder 1	10	0.95	1	1	6.728324
HS15_str_inv	BOBJ1	170	After	Interior Girder 2	10	0.95	1	1	6.166311
HS15_str_inv	BOBJ1	170	After	Interior Girder 3	10	0.95	1	1	5.631581
HS15_str_inv	BOBJ1	170	After	Interior Girder 4	10	0.95	1	1	5.643722
HS15_str_inv	BOBJ1	170	After	Interior Girder 5	10	0.95	1	1	6.160486
HS15_str_inv	BOBJ1	170	After	Interior Girder 6	10	0.95	1	1	6.727333
HS15_str_inv	BOBJ1	176	Before	Left Exterior Girder	16	0.95	1	1	8.323121
HS15_str_inv	BOBJ1	176	Before	Interior Girder 1	16	0.95	1	1	6.85019
HS15_str_inv	BOBJ1	176	Before	Interior Girder 2	16	0.95	1	1	6.276493
HS15_str_inv	BOBJ1	176	Before	Interior Girder 3	16	0.95	1	1	5.734884
HS15_str_inv	BOBJ1	176	Before	Interior Girder 4	16	0.95	1	1	5.747248
HS15_str_inv	BOBJ1	176	Before	Interior Girder 5	16	0.95	1	1	6.270564
HS15_str_inv	BOBJ1	176	Before	Interior Girder 6	16	0.95	1	1	6.849181

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Approach, Span 4-6									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
HS15_str_inv	BOBJ1	176	Before	Right Exterior Girder	16	0.95	1	1	8.332354
HS15_str_inv	BOBJ1	176	After	Left Exterior Girder	16	0.95	1	1	11.77729
HS15_str_inv	BOBJ1	176	After	Interior Girder 1	16	0.95	1	1	6.146634
HS15_str_inv	BOBJ1	176	After	Interior Girder 2	16	0.95	1	1	5.937396
HS15_str_inv	BOBJ1	176	After	Interior Girder 3	16	0.95	1	1	5.392326
HS15_str_inv	BOBJ1	176	After	Interior Girder 4	16	0.95	1	1	5.454873
HS15_str_inv	BOBJ1	176	After	Interior Girder 5	16	0.95	1	1	5.91707
HS15_str_inv	BOBJ1	176	After	Interior Girder 6	16	0.95	1	1	6.172741
HS15_str_inv	BOBJ1	176	After	Right Exterior Girder	16	0.95	1	1	11.793184
HS15_str_inv	BOBJ1	181	Before	Interior Girder 1	21	0.95	1	1	6.237811
HS15_str_inv	BOBJ1	181	Before	Interior Girder 2	21	0.95	1	1	6.024657
HS15_str_inv	BOBJ1	181	Before	Interior Girder 3	21	0.95	1	1	5.471579
HS15_str_inv	BOBJ1	181	Before	Interior Girder 4	21	0.95	1	1	5.535046
HS15_str_inv	BOBJ1	181	Before	Interior Girder 5	21	0.95	1	1	6.004032
HS15_str_inv	BOBJ1	181	Before	Interior Girder 6	21	0.95	1	1	6.264305
HS15_str_inv	BOBJ1	181	After	Interior Girder 1	21	0.95	1	1	8.474645
HS15_str_inv	BOBJ1	181	After	Interior Girder 2	21	0.95	1	1	8.17728
HS15_str_inv	BOBJ1	181	After	Interior Girder 3	21	0.95	1	1	7.638836
HS15_str_inv	BOBJ1	181	After	Interior Girder 4	21	0.95	1	1	7.723
HS15_str_inv	BOBJ1	181	After	Interior Girder 5	21	0.95	1	1	8.160004
HS15_str_inv	BOBJ1	181	After	Interior Girder 6	21	0.95	1	1	8.494229
HS15_str_inv	BOBJ1	184	Before	Left Exterior Girder	24	0.95	1	1	11.714412
HS15_str_inv	BOBJ1	184	Before	Interior Girder 1	24	0.95	1	1	8.540674
HS15_str_inv	BOBJ1	184	Before	Interior Girder 2	24	0.95	1	1	8.240268
HS15_str_inv	BOBJ1	184	Before	Interior Girder 3	24	0.95	1	1	7.697626
HS15_str_inv	BOBJ1	184	Before	Interior Girder 4	24	0.95	1	1	7.782438
HS15_str_inv	BOBJ1	184	Before	Interior Girder 5	24	0.95	1	1	8.222859
HS15_str_inv	BOBJ1	184	Before	Interior Girder 6	24	0.95	1	1	8.560411
HS15_str_inv	BOBJ1	184	Before	Right Exterior Girder	24	0.95	1	1	11.729462
HS15_str_inv	BOBJ1	184	After	Left Exterior Girder	24	0.95	1	1	13.179258
HS15_str_inv	BOBJ1	184	After	Interior Girder 1	24	0.95	1	1	11.263739
HS15_str_inv	BOBJ1	184	After	Interior Girder 2	24	0.95	1	1	10.802377
HS15_str_inv	BOBJ1	184	After	Interior Girder 3	24	0.95	1	1	10.774643
HS15_str_inv	BOBJ1	184	After	Interior Girder 4	24	0.95	1	1	10.800761
HS15_str_inv	BOBJ1	184	After	Interior Girder 5	24	0.95	1	1	10.796242
HS15_str_inv	BOBJ1	184	After	Interior Girder 6	24	0.95	1	1	11.260148
HS15_str_inv	BOBJ1	184	After	Right Exterior Girder	24	0.95	1	1	13.199605
HS15_str_inv	BOBJ1	192	Before	Left Exterior Girder	32	0.95	1	1	13.375855
HS15_str_inv	BOBJ1	192	Before	Interior Girder 1	32	0.95	1	1	11.494264
HS15_str_inv	BOBJ1	192	Before	Interior Girder 2	32	0.95	1	1	11.021541
HS15_str_inv	BOBJ1	192	Before	Interior Girder 3	32	0.95	1	1	10.992998
HS15_str_inv	BOBJ1	192	Before	Interior Girder 4	32	0.95	1	1	11.019646
HS15_str_inv	BOBJ1	192	Before	Interior Girder 5	32	0.95	1	1	11.015281
HS15_str_inv	BOBJ1	192	Before	Interior Girder 6	32	0.95	1	1	11.4906
HS15_str_inv	BOBJ1	192	Before	Right Exterior Girder	32	0.95	1	1	13.396505
HS15_str_inv	BOBJ1	192	After	Left Exterior Girder	32	0.95	1	1	20.706801
HS15_str_inv	BOBJ1	192	After	Interior Girder 1	32	0.95	1	1	11.918194
HS15_str_inv	BOBJ1	192	After	Interior Girder 2	32	0.95	1	1	11.111206
HS15_str_inv	BOBJ1	192	After	Interior Girder 3	32	0.95	1	1	9.908034
HS15_str_inv	BOBJ1	192	After	Interior Girder 4	32	0.95	1	1	10.023415
HS15_str_inv	BOBJ1	192	After	Interior Girder 5	32	0.95	1	1	11.066253
HS15_str_inv	BOBJ1	192	After	Interior Girder 6	32	0.95	1	1	11.979356
HS15_str_inv	BOBJ1	192	After	Right Exterior Girder	32	0.95	1	1	20.706801
HS15_str_inv	BOBJ1	200	Before	Left Exterior Girder	40	0.95	1	1	21.006118
HS15_str_inv	BOBJ1	200	Before	Interior Girder 1	40	0.95	1	1	12.153648
HS15_str_inv	BOBJ1	200	Before	Interior Girder 2	40	0.95	1	1	11.330562
HS15_str_inv	BOBJ1	200	Before	Interior Girder 3	40	0.95	1	1	10.103083
HS15_str_inv	BOBJ1	200	Before	Interior Girder 4	40	0.95	1	1	10.220734
HS15_str_inv	BOBJ1	200	Before	Interior Girder 5	40	0.95	1	1	11.284722
HS15_str_inv	BOBJ1	200	Before	Interior Girder 6	40	0.95	1	1	12.216019
HS15_str_inv	BOBJ1	200	Before	Right Exterior Girder	40	0.95	1	1	21.006118
HS15_str_inv	BOBJ1	200	After	Left Exterior Girder	40	0.95	1	1	26.126839
HS15_str_inv	BOBJ1	200	After	Interior Girder 1	40	0.95	1	1	16.770146
HS15_str_inv	BOBJ1	200	After	Interior Girder 2	40	0.95	1	1	14.842305
HS15_str_inv	BOBJ1	200	After	Interior Girder 3	40	0.95	1	1	12.601115

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Approach, Span 4-6									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
HS15_str_inv	BOBJ1	200	After	Interior Girder 4	40	0.95	1	1	12.780277
HS15_str_inv	BOBJ1	200	After	Interior Girder 5	40	0.95	1	1	14.757968
HS15_str_inv	BOBJ1	200	After	Interior Girder 6	40	0.95	1	1	16.777112
HS15_str_inv	BOBJ1	200	After	Right Exterior Girder	40	0.95	1	1	26.126839
HS15_str_inv	BOBJ1	208	Before	Left Exterior Girder	48	0.95	1	1	26.490725
HS15_str_inv	BOBJ1	208	Before	Interior Girder 1	48	0.95	1	1	16.463192
HS15_str_inv	BOBJ1	208	Before	Interior Girder 2	48	0.95	1	1	14.569971
HS15_str_inv	BOBJ1	208	Before	Interior Girder 3	48	0.95	1	1	12.369436
HS15_str_inv	BOBJ1	208	Before	Interior Girder 4	48	0.95	1	1	12.545304
HS15_str_inv	BOBJ1	208	Before	Interior Girder 5	48	0.95	1	1	14.487182
HS15_str_inv	BOBJ1	208	Before	Interior Girder 6	48	0.95	1	1	16.470031
HS15_str_inv	BOBJ1	208	Before	Right Exterior Girder	48	0.95	1	1	26.490725
HS15_str_inv	BOBJ1	208	After	Left Exterior Girder	48	0.95	1	1	21.283178
HS15_str_inv	BOBJ1	208	After	Interior Girder 1	48	0.95	1	1	16.744964
HS15_str_inv	BOBJ1	208	After	Interior Girder 2	48	0.95	1	1	15.435087
HS15_str_inv	BOBJ1	208	After	Interior Girder 3	48	0.95	1	1	13.661886
HS15_str_inv	BOBJ1	208	After	Interior Girder 4	48	0.95	1	1	13.878191
HS15_str_inv	BOBJ1	208	After	Interior Girder 5	48	0.95	1	1	15.428042
HS15_str_inv	BOBJ1	208	After	Interior Girder 6	48	0.95	1	1	16.734025
HS15_str_inv	BOBJ1	208	After	Right Exterior Girder	48	0.95	1	1	21.322925
HS15_str_inv	BOBJ1	216	Before	Left Exterior Girder	56	0.95	1	1	20.990573
HS15_str_inv	BOBJ1	216	Before	Interior Girder 1	56	0.95	1	1	16.428114
HS15_str_inv	BOBJ1	216	Before	Interior Girder 2	56	0.95	1	1	15.143878
HS15_str_inv	BOBJ1	216	Before	Interior Girder 3	56	0.95	1	1	13.917154
HS15_str_inv	BOBJ1	216	Before	Interior Girder 4	56	0.95	1	1	14.1375
HS15_str_inv	BOBJ1	216	Before	Interior Girder 5	56	0.95	1	1	15.136966
HS15_str_inv	BOBJ1	216	Before	Interior Girder 6	56	0.95	1	1	16.417383
HS15_str_inv	BOBJ1	216	Before	Right Exterior Girder	56	0.95	1	1	21.029773
HS15_str_inv	BOBJ1	216	After	Left Exterior Girder	56	0.95	1	1	17.856794
HS15_str_inv	BOBJ1	216	After	Interior Girder 1	56	0.95	1	1	11.423336
HS15_str_inv	BOBJ1	216	After	Interior Girder 2	56	0.95	1	1	10.770046
HS15_str_inv	BOBJ1	216	After	Interior Girder 3	56	0.95	1	1	9.757805
HS15_str_inv	BOBJ1	216	After	Interior Girder 4	56	0.95	1	1	9.869334
HS15_str_inv	BOBJ1	216	After	Interior Girder 5	56	0.95	1	1	10.728721
HS15_str_inv	BOBJ1	216	After	Interior Girder 6	56	0.95	1	1	11.479045
HS15_str_inv	BOBJ1	216	After	Right Exterior Girder	56	0.95	1	1	17.882923
HS15_str_inv	BOBJ1	224	Before	Left Exterior Girder	64	0.95	1	1	17.602091
HS15_str_inv	BOBJ1	224	Before	Interior Girder 1	64	0.95	1	1	11.201886
HS15_str_inv	BOBJ1	224	Before	Interior Girder 2	64	0.95	1	1	10.56148
HS15_str_inv	BOBJ1	224	Before	Interior Girder 3	64	0.95	1	1	9.568915
HS15_str_inv	BOBJ1	224	Before	Interior Girder 4	64	0.95	1	1	9.678285
HS15_str_inv	BOBJ1	224	Before	Interior Girder 5	64	0.95	1	1	10.520955
HS15_str_inv	BOBJ1	224	Before	Interior Girder 6	64	0.95	1	1	11.256515
HS15_str_inv	BOBJ1	224	Before	Right Exterior Girder	64	0.95	1	1	17.627848
HS15_str_inv	BOBJ1	224	After	Left Exterior Girder	64	0.95	1	1	11.993105
HS15_str_inv	BOBJ1	224	After	Interior Girder 1	64	0.95	1	1	10.617483
HS15_str_inv	BOBJ1	224	After	Interior Girder 2	64	0.95	1	1	10.002858
HS15_str_inv	BOBJ1	224	After	Interior Girder 3	64	0.95	1	1	9.552294
HS15_str_inv	BOBJ1	224	After	Interior Girder 4	64	0.95	1	1	9.577125
HS15_str_inv	BOBJ1	224	After	Interior Girder 5	64	0.95	1	1	9.99462
HS15_str_inv	BOBJ1	224	After	Interior Girder 6	64	0.95	1	1	10.616677
HS15_str_inv	BOBJ1	224	After	Right Exterior Girder	64	0.95	1	1	12.004997
HS15_str_inv	BOBJ1	232	Before	Left Exterior Girder	72	0.95	1	1	11.816019
HS15_str_inv	BOBJ1	232	Before	Interior Girder 1	72	0.95	1	1	10.405208
HS15_str_inv	BOBJ1	232	Before	Interior Girder 2	72	0.95	1	1	9.804383
HS15_str_inv	BOBJ1	232	Before	Interior Girder 3	72	0.95	1	1	9.361532
HS15_str_inv	BOBJ1	232	Before	Interior Girder 4	72	0.95	1	1	9.385867
HS15_str_inv	BOBJ1	232	Before	Interior Girder 5	72	0.95	1	1	9.796309
HS15_str_inv	BOBJ1	232	Before	Interior Girder 6	72	0.95	1	1	10.404419
HS15_str_inv	BOBJ1	232	Before	Right Exterior Girder	72	0.95	1	1	11.827736
HS15_str_inv	BOBJ1	232	After	Left Exterior Girder	72	0.95	1	1	10.61563
HS15_str_inv	BOBJ1	232	After	Interior Girder 1	72	0.95	1	1	7.565876
HS15_str_inv	BOBJ1	232	After	Interior Girder 2	72	0.95	1	1	7.219564
HS15_str_inv	BOBJ1	232	After	Interior Girder 3	72	0.95	1	1	6.306008
HS15_str_inv	BOBJ1	232	After	Interior Girder 4	72	0.95	1	1	6.37187

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Approach, Span 4-(									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
HS15_str_inv	BOBJ1	232	After	Interior Girder 5	72	0.95	1	1	7.189888
HS15_str_inv	BOBJ1	232	After	Interior Girder 6	72	0.95	1	1	7.604414
HS15_str_inv	BOBJ1	232	After	Right Exterior Girder	72	0.95	1	1	10.628823
HS15_str_inv	BOBJ1	240	Before	Left Exterior Girder	80	0.95	1	1	10.452289
HS15_str_inv	BOBJ1	240	Before	Interior Girder 1	80	0.95	1	1	7.410893
HS15_str_inv	BOBJ1	240	Before	Interior Girder 2	80	0.95	1	1	7.072549
HS15_str_inv	BOBJ1	240	Before	Interior Girder 3	80	0.95	1	1	6.176442
HS15_str_inv	BOBJ1	240	Before	Interior Girder 4	80	0.95	1	1	6.240951
HS15_str_inv	BOBJ1	240	Before	Interior Girder 5	80	0.95	1	1	7.043477
HS15_str_inv	BOBJ1	240	Before	Interior Girder 6	80	0.95	1	1	7.448642
HS15_str_inv	BOBJ1	240	Before	Right Exterior Girder	80	0.95	1	1	10.465279
Lane_str_opr	BOBJ1	0	After	Left Exterior Girder	0	0.95	1	1	37.949061
Lane_str_opr	BOBJ1	0	After	Interior Girder 1	0	0.95	1	1	34.026257
Lane_str_opr	BOBJ1	0	After	Interior Girder 2	0	0.95	1	1	33.988179
Lane_str_opr	BOBJ1	0	After	Interior Girder 3	0	0.95	1	1	33.246609
Lane_str_opr	BOBJ1	0	After	Interior Girder 4	0	0.95	1	1	33.209886
Lane_str_opr	BOBJ1	0	After	Interior Girder 5	0	0.95	1	1	33.536388
Lane_str_opr	BOBJ1	0	After	Interior Girder 6	0	0.95	1	1	34.329532
Lane_str_opr	BOBJ1	0	After	Right Exterior Girder	0	0.95	1	1	38.098498
Lane_str_opr	BOBJ1	8	Before	Left Exterior Girder	8	0.95	1	1	38.516277
Lane_str_opr	BOBJ1	8	Before	Interior Girder 1	8	0.95	1	1	34.714007
Lane_str_opr	BOBJ1	8	Before	Interior Girder 2	8	0.95	1	1	34.671312
Lane_str_opr	BOBJ1	8	Before	Interior Girder 3	8	0.95	1	1	33.91789
Lane_str_opr	BOBJ1	8	Before	Interior Girder 4	8	0.95	1	1	33.880426
Lane_str_opr	BOBJ1	8	Before	Interior Girder 5	8	0.95	1	1	34.21044
Lane_str_opr	BOBJ1	8	Before	Interior Girder 6	8	0.95	1	1	35.023412
Lane_str_opr	BOBJ1	8	Before	Right Exterior Girder	8	0.95	1	1	38.667948
Lane_str_opr	BOBJ1	8	After	Left Exterior Girder	8	0.95	1	1	43.060736
Lane_str_opr	BOBJ1	8	After	Interior Girder 1	8	0.95	1	1	47.569225
Lane_str_opr	BOBJ1	8	After	Interior Girder 2	8	0.95	1	1	43.979724
Lane_str_opr	BOBJ1	8	After	Interior Girder 3	8	0.95	1	1	44.428594
Lane_str_opr	BOBJ1	8	After	Interior Girder 4	8	0.95	1	1	44.697156
Lane_str_opr	BOBJ1	8	After	Interior Girder 5	8	0.95	1	1	44.880115
Lane_str_opr	BOBJ1	8	After	Interior Girder 6	8	0.95	1	1	47.369914
Lane_str_opr	BOBJ1	8	After	Right Exterior Girder	8	0.95	1	1	43.323609
Lane_str_opr	BOBJ1	16	Before	Left Exterior Girder	16	0.95	1	1	43.679859
Lane_str_opr	BOBJ1	16	Before	Interior Girder 1	16	0.95	1	1	48.507306
Lane_str_opr	BOBJ1	16	Before	Interior Girder 2	16	0.95	1	1	44.841363
Lane_str_opr	BOBJ1	16	Before	Interior Girder 3	16	0.95	1	1	45.301232
Lane_str_opr	BOBJ1	16	Before	Interior Girder 4	16	0.95	1	1	45.575069
Lane_str_opr	BOBJ1	16	Before	Interior Girder 5	16	0.95	1	1	45.759394
Lane_str_opr	BOBJ1	16	Before	Interior Girder 6	16	0.95	1	1	48.304064
Lane_str_opr	BOBJ1	16	Before	Right Exterior Girder	16	0.95	1	1	43.946511
Lane_str_opr	BOBJ1	16	After	Left Exterior Girder	16	0.95	1	1	66.508206
Lane_str_opr	BOBJ1	16	After	Interior Girder 1	16	0.95	1	1	61.99006
Lane_str_opr	BOBJ1	16	After	Interior Girder 2	16	0.95	1	1	56.671745
Lane_str_opr	BOBJ1	16	After	Interior Girder 3	16	0.95	1	1	58.516168
Lane_str_opr	BOBJ1	16	After	Interior Girder 4	16	0.95	1	1	59.867189
Lane_str_opr	BOBJ1	16	After	Interior Girder 5	16	0.95	1	1	57.456916
Lane_str_opr	BOBJ1	16	After	Interior Girder 6	16	0.95	1	1	63.426269
Lane_str_opr	BOBJ1	16	After	Right Exterior Girder	16	0.95	1	1	66.649761
Lane_str_opr	BOBJ1	20.5	Before	Left Exterior Girder	20.5	0.95	1	1	67.032663
Lane_str_opr	BOBJ1	20.5	Before	Right Exterior Girder	20.5	0.95	1	1	67.175334
Lane_str_opr	BOBJ1	20.5	After	Left Exterior Girder	20.5	0.95	1	1	71.340745
Lane_str_opr	BOBJ1	20.5	After	Right Exterior Girder	20.5	0.95	1	1	71.539037
Lane_str_opr	BOBJ1	24	Before	Left Exterior Girder	24	0.95	1	1	71.81745
Lane_str_opr	BOBJ1	24	Before	Interior Girder 1	24	0.95	1	1	62.048427
Lane_str_opr	BOBJ1	24	Before	Interior Girder 2	24	0.95	1	1	57.755702
Lane_str_opr	BOBJ1	24	Before	Interior Girder 3	24	0.95	1	1	59.632993
Lane_str_opr	BOBJ1	24	Before	Interior Girder 4	24	0.95	1	1	61.0098
Lane_str_opr	BOBJ1	24	Before	Interior Girder 5	24	0.95	1	1	58.555891
Lane_str_opr	BOBJ1	24	Before	Interior Girder 6	24	0.95	1	1	63.41778
Lane_str_opr	BOBJ1	24	Before	Right Exterior Girder	24	0.95	1	1	72.017067
Lane_str_opr	BOBJ1	24	After	Left Exterior Girder	24	0.95	1	1	83.407979
Lane_str_opr	BOBJ1	24	After	Interior Girder 1	24	0.95	1	1	88.857841

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Approach, Span 4-6									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Lane_str_opr	BOBJ1	24	After	Interior Girder 2	24	0.95	1	1	77.602349
Lane_str_opr	BOBJ1	24	After	Interior Girder 3	24	0.95	1	1	82.487188
Lane_str_opr	BOBJ1	24	After	Interior Girder 4	24	0.95	1	1	84.361472
Lane_str_opr	BOBJ1	24	After	Interior Girder 5	24	0.95	1	1	80.555845
Lane_str_opr	BOBJ1	24	After	Interior Girder 6	24	0.95	1	1	89.580766
Lane_str_opr	BOBJ1	24	After	Right Exterior Girder	24	0.95	1	1	83.838138
Lane_str_opr	BOBJ1	32	Before	Left Exterior Girder	32	0.95	1	1	84.653983
Lane_str_opr	BOBJ1	32	Before	Interior Girder 1	32	0.95	1	1	90.513414
Lane_str_opr	BOBJ1	32	Before	Interior Girder 2	32	0.95	1	1	79.048781
Lane_str_opr	BOBJ1	32	Before	Interior Girder 3	32	0.95	1	1	84.022457
Lane_str_opr	BOBJ1	32	Before	Interior Girder 4	32	0.95	1	1	85.931625
Lane_str_opr	BOBJ1	32	Before	Interior Girder 5	32	0.95	1	1	82.057327
Lane_str_opr	BOBJ1	32	Before	Interior Girder 6	32	0.95	1	1	91.249809
Lane_str_opr	BOBJ1	32	Before	Right Exterior Girder	32	0.95	1	1	85.090568
Lane_str_opr	BOBJ1	32	After	Left Exterior Girder	32	0.95	1	1	103.162215
Lane_str_opr	BOBJ1	32	After	Interior Girder 1	32	0.95	1	1	86.713427
Lane_str_opr	BOBJ1	32	After	Interior Girder 2	32	0.95	1	1	74.545079
Lane_str_opr	BOBJ1	32	After	Interior Girder 3	32	0.95	1	1	78.156784
Lane_str_opr	BOBJ1	32	After	Interior Girder 4	32	0.95	1	1	80.03601
Lane_str_opr	BOBJ1	32	After	Interior Girder 5	32	0.95	1	1	76.989002
Lane_str_opr	BOBJ1	32	After	Interior Girder 6	32	0.95	1	1	87.777258
Lane_str_opr	BOBJ1	32	After	Right Exterior Girder	32	0.95	1	1	104.026526
Lane_str_opr	BOBJ1	40	Before	Left Exterior Girder	40	0.95	1	1	101.643844
Lane_str_opr	BOBJ1	40	Before	Interior Girder 1	40	0.95	1	1	85.129461
Lane_str_opr	BOBJ1	40	Before	Interior Girder 2	40	0.95	1	1	73.183075
Lane_str_opr	BOBJ1	40	Before	Interior Girder 3	40	0.95	1	1	76.730692
Lane_str_opr	BOBJ1	40	Before	Interior Girder 4	40	0.95	1	1	78.575629
Lane_str_opr	BOBJ1	40	Before	Interior Girder 5	40	0.95	1	1	75.582345
Lane_str_opr	BOBJ1	40	Before	Interior Girder 6	40	0.95	1	1	86.17386
Lane_str_opr	BOBJ1	40	Before	Right Exterior Girder	40	0.95	1	1	102.495434
Lane_str_opr	BOBJ1	40	After	Left Exterior Girder	40	0.95	1	1	85.434426
Lane_str_opr	BOBJ1	40	After	Interior Girder 1	40	0.95	1	1	59.315369
Lane_str_opr	BOBJ1	40	After	Interior Girder 2	40	0.95	1	1	55.034916
Lane_str_opr	BOBJ1	40	After	Interior Girder 3	40	0.95	1	1	55.903267
Lane_str_opr	BOBJ1	40	After	Interior Girder 4	40	0.95	1	1	57.015722
Lane_str_opr	BOBJ1	40	After	Interior Girder 5	40	0.95	1	1	55.648693
Lane_str_opr	BOBJ1	40	After	Interior Girder 6	40	0.95	1	1	60.630201
Lane_str_opr	BOBJ1	40	After	Right Exterior Girder	40	0.95	1	1	85.784006
Lane_str_opr	BOBJ1	46.5	Before	Left Exterior Girder	46.5	0.95	1	1	84.37667
Lane_str_opr	BOBJ1	46.5	Before	Right Exterior Girder	46.5	0.95	1	1	84.721922
Lane_str_opr	BOBJ1	46.5	After	Left Exterior Girder	46.5	0.95	1	1	64.071243
Lane_str_opr	BOBJ1	46.5	After	Right Exterior Girder	46.5	0.95	1	1	64.248374
Lane_str_opr	BOBJ1	48	Before	Left Exterior Girder	48	0.95	1	1	63.900353
Lane_str_opr	BOBJ1	48	Before	Interior Girder 1	48	0.95	1	1	70.304492
Lane_str_opr	BOBJ1	48	Before	Interior Girder 2	48	0.95	1	1	54.003488
Lane_str_opr	BOBJ1	48	Before	Interior Girder 3	48	0.95	1	1	54.857881
Lane_str_opr	BOBJ1	48	Before	Interior Girder 4	48	0.95	1	1	55.949533
Lane_str_opr	BOBJ1	48	Before	Interior Girder 5	48	0.95	1	1	54.605763
Lane_str_opr	BOBJ1	48	Before	Interior Girder 6	48	0.95	1	1	71.96164
Lane_str_opr	BOBJ1	48	Before	Right Exterior Girder	48	0.95	1	1	64.077013
Lane_str_opr	BOBJ1	48	After	Left Exterior Girder	48	0.95	1	1	47.716082
Lane_str_opr	BOBJ1	48	After	Interior Girder 1	48	0.95	1	1	49.170121
Lane_str_opr	BOBJ1	48	After	Interior Girder 2	48	0.95	1	1	42.982322
Lane_str_opr	BOBJ1	48	After	Interior Girder 3	48	0.95	1	1	43.651583
Lane_str_opr	BOBJ1	48	After	Interior Girder 4	48	0.95	1	1	44.219021
Lane_str_opr	BOBJ1	48	After	Interior Girder 5	48	0.95	1	1	43.795989
Lane_str_opr	BOBJ1	48	After	Interior Girder 6	48	0.95	1	1	49.222811
Lane_str_opr	BOBJ1	48	After	Right Exterior Girder	48	0.95	1	1	48.005554
Lane_str_opr	BOBJ1	56	Before	Left Exterior Girder	56	0.95	1	1	47.04038
Lane_str_opr	BOBJ1	56	Before	Interior Girder 1	56	0.95	1	1	48.219692
Lane_str_opr	BOBJ1	56	Before	Interior Girder 2	56	0.95	1	1	42.156266
Lane_str_opr	BOBJ1	56	Before	Interior Girder 3	56	0.95	1	1	42.812952
Lane_str_opr	BOBJ1	56	Before	Interior Girder 4	56	0.95	1	1	43.369488
Lane_str_opr	BOBJ1	56	Before	Interior Girder 5	56	0.95	1	1	42.954295
Lane_str_opr	BOBJ1	56	Before	Interior Girder 6	56	0.95	1	1	48.271363

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Approach, Span 4-6									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Lane_str_opr	BOBJ1	56	Before	Right Exterior Girder	56	0.95	1	1	47.325753
Lane_str_opr	BOBJ1	56	After	Left Exterior Girder	56	0.95	1	1	43.319729
Lane_str_opr	BOBJ1	56	After	Interior Girder 1	56	0.95	1	1	37.12831
Lane_str_opr	BOBJ1	56	After	Interior Girder 2	56	0.95	1	1	36.067616
Lane_str_opr	BOBJ1	56	After	Interior Girder 3	56	0.95	1	1	35.466212
Lane_str_opr	BOBJ1	56	After	Interior Girder 4	56	0.95	1	1	35.476904
Lane_str_opr	BOBJ1	56	After	Interior Girder 5	56	0.95	1	1	35.549567
Lane_str_opr	BOBJ1	56	After	Interior Girder 6	56	0.95	1	1	37.386395
Lane_str_opr	BOBJ1	56	After	Right Exterior Girder	56	0.95	1	1	43.530017
Lane_str_opr	BOBJ1	59	Before	Interior Girder 1	59	0.95	1	1	36.852034
Lane_str_opr	BOBJ1	59	Before	Interior Girder 2	59	0.95	1	1	35.801428
Lane_str_opr	BOBJ1	59	Before	Interior Girder 3	59	0.95	1	1	35.204462
Lane_str_opr	BOBJ1	59	Before	Interior Girder 4	59	0.95	1	1	35.215076
Lane_str_opr	BOBJ1	59	Before	Interior Girder 5	59	0.95	1	1	35.287203
Lane_str_opr	BOBJ1	59	Before	Interior Girder 6	59	0.95	1	1	37.108199
Lane_str_opr	BOBJ1	59	After	Interior Girder 1	59	0.95	1	1	25.324723
Lane_str_opr	BOBJ1	59	After	Interior Girder 2	59	0.95	1	1	24.63768
Lane_str_opr	BOBJ1	59	After	Interior Girder 3	59	0.95	1	1	23.937403
Lane_str_opr	BOBJ1	59	After	Interior Girder 4	59	0.95	1	1	24.039453
Lane_str_opr	BOBJ1	59	After	Interior Girder 5	59	0.95	1	1	24.382196
Lane_str_opr	BOBJ1	59	After	Interior Girder 6	59	0.95	1	1	25.639982
Lane_str_opr	BOBJ1	64	Before	Left Exterior Girder	64	0.95	1	1	40.299717
Lane_str_opr	BOBJ1	64	Before	Interior Girder 1	64	0.95	1	1	24.955145
Lane_str_opr	BOBJ1	64	Before	Interior Girder 2	64	0.95	1	1	24.280561
Lane_str_opr	BOBJ1	64	Before	Interior Girder 3	64	0.95	1	1	23.590035
Lane_str_opr	BOBJ1	64	Before	Interior Girder 4	64	0.95	1	1	23.690603
Lane_str_opr	BOBJ1	64	Before	Interior Girder 5	64	0.95	1	1	24.028781
Lane_str_opr	BOBJ1	64	Before	Interior Girder 6	64	0.95	1	1	25.265804
Lane_str_opr	BOBJ1	64	Before	Right Exterior Girder	64	0.95	1	1	40.445554
Lane_str_opr	BOBJ1	64	After	Left Exterior Girder	64	0.95	1	1	29.361967
Lane_str_opr	BOBJ1	64	After	Interior Girder 1	64	0.95	1	1	23.83354
Lane_str_opr	BOBJ1	64	After	Interior Girder 2	64	0.95	1	1	22.211286
Lane_str_opr	BOBJ1	64	After	Interior Girder 3	64	0.95	1	1	19.491716
Lane_str_opr	BOBJ1	64	After	Interior Girder 4	64	0.95	1	1	19.4804
Lane_str_opr	BOBJ1	64	After	Interior Girder 5	64	0.95	1	1	22.276812
Lane_str_opr	BOBJ1	64	After	Interior Girder 6	64	0.95	1	1	23.797497
Lane_str_opr	BOBJ1	64	After	Right Exterior Girder	64	0.95	1	1	29.557534
Lane_str_opr	BOBJ1	69	Before	Interior Girder 1	69	0.95	1	1	23.479544
Lane_str_opr	BOBJ1	69	Before	Interior Girder 2	69	0.95	1	1	21.886469
Lane_str_opr	BOBJ1	69	Before	Interior Girder 3	69	0.95	1	1	19.199029
Lane_str_opr	BOBJ1	69	Before	Interior Girder 4	69	0.95	1	1	19.187883
Lane_str_opr	BOBJ1	69	Before	Interior Girder 5	69	0.95	1	1	21.951036
Lane_str_opr	BOBJ1	69	Before	Interior Girder 6	69	0.95	1	1	23.444036
Lane_str_opr	BOBJ1	69	After	Interior Girder 1	69	0.95	1	1	20.248837
Lane_str_opr	BOBJ1	69	After	Interior Girder 2	69	0.95	1	1	20.079434
Lane_str_opr	BOBJ1	69	After	Interior Girder 3	69	0.95	1	1	17.210388
Lane_str_opr	BOBJ1	69	After	Interior Girder 4	69	0.95	1	1	17.159384
Lane_str_opr	BOBJ1	69	After	Interior Girder 5	69	0.95	1	1	19.840421
Lane_str_opr	BOBJ1	69	After	Interior Girder 6	69	0.95	1	1	20.327353
Lane_str_opr	BOBJ1	72	Before	Left Exterior Girder	72	0.95	1	1	19.607976
Lane_str_opr	BOBJ1	72	Before	Interior Girder 1	72	0.95	1	1	20.041644
Lane_str_opr	BOBJ1	72	Before	Interior Girder 2	72	0.95	1	1	19.87795
Lane_str_opr	BOBJ1	72	Before	Interior Girder 3	72	0.95	1	1	17.032461
Lane_str_opr	BOBJ1	72	Before	Interior Girder 4	72	0.95	1	1	16.981985
Lane_str_opr	BOBJ1	72	Before	Interior Girder 5	72	0.95	1	1	19.641336
Lane_str_opr	BOBJ1	72	Before	Interior Girder 6	72	0.95	1	1	20.119357
Lane_str_opr	BOBJ1	72	Before	Right Exterior Girder	72	0.95	1	1	19.729318
Lane_str_opr	BOBJ1	72	After	Left Exterior Girder	72	0.95	1	1	18.281334
Lane_str_opr	BOBJ1	72	After	Interior Girder 1	72	0.95	1	1	26.890299
Lane_str_opr	BOBJ1	72	After	Interior Girder 2	72	0.95	1	1	17.768965
Lane_str_opr	BOBJ1	72	After	Interior Girder 3	72	0.95	1	1	14.80694
Lane_str_opr	BOBJ1	72	After	Interior Girder 4	72	0.95	1	1	14.780682
Lane_str_opr	BOBJ1	72	After	Interior Girder 5	72	0.95	1	1	17.508114
Lane_str_opr	BOBJ1	72	After	Interior Girder 6	72	0.95	1	1	27.276285
Lane_str_opr	BOBJ1	72	After	Right Exterior Girder	72	0.95	1	1	18.374288

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Approach, Span 4-6									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Lane_str_opr	BOBJ1	72.5	Before	Left Exterior Girder	72.5	0.95	1	1	18.261763
Lane_str_opr	BOBJ1	72.5	Before	Right Exterior Girder	72.5	0.95	1	1	18.354617
Lane_str_opr	BOBJ1	72.5	After	Left Exterior Girder	72.5	0.95	1	1	25.391326
Lane_str_opr	BOBJ1	72.5	After	Right Exterior Girder	72.5	0.95	1	1	25.499693
Lane_str_opr	BOBJ1	80	Before	Left Exterior Girder	80	0.95	1	1	24.952341
Lane_str_opr	BOBJ1	80	Before	Interior Girder 1	80	0.95	1	1	17.168759
Lane_str_opr	BOBJ1	80	Before	Interior Girder 2	80	0.95	1	1	17.286928
Lane_str_opr	BOBJ1	80	Before	Interior Girder 3	80	0.95	1	1	14.390712
Lane_str_opr	BOBJ1	80	Before	Interior Girder 4	80	0.95	1	1	14.365192
Lane_str_opr	BOBJ1	80	Before	Interior Girder 5	80	0.95	1	1	17.033153
Lane_str_opr	BOBJ1	80	Before	Interior Girder 6	80	0.95	1	1	17.359625
Lane_str_opr	BOBJ1	80	Before	Right Exterior Girder	80	0.95	1	1	25.058834
Lane_str_opr	BOBJ1	80	After	Left Exterior Girder	0	0.95	1	1	28.746168
Lane_str_opr	BOBJ1	80	After	Interior Girder 1	0	0.95	1	1	19.278999
Lane_str_opr	BOBJ1	80	After	Interior Girder 2	0	0.95	1	1	19.357045
Lane_str_opr	BOBJ1	80	After	Interior Girder 3	0	0.95	1	1	15.960417
Lane_str_opr	BOBJ1	80	After	Interior Girder 4	0	0.95	1	1	15.933649
Lane_str_opr	BOBJ1	80	After	Interior Girder 5	0	0.95	1	1	19.057387
Lane_str_opr	BOBJ1	80	After	Interior Girder 6	0	0.95	1	1	19.50645
Lane_str_opr	BOBJ1	80	After	Right Exterior Girder	0	0.95	1	1	28.882094
Lane_str_opr	BOBJ1	87.5	Before	Left Exterior Girder	7.5	0.95	1	1	29.228796
Lane_str_opr	BOBJ1	87.5	Before	Right Exterior Girder	7.5	0.95	1	1	29.367004
Lane_str_opr	BOBJ1	87.5	After	Left Exterior Girder	7.5	0.95	1	1	23.517937
Lane_str_opr	BOBJ1	87.5	After	Right Exterior Girder	7.5	0.95	1	1	23.644284
Lane_str_opr	BOBJ1	88	Before	Left Exterior Girder	8	0.95	1	1	23.541058
Lane_str_opr	BOBJ1	88	Before	Interior Girder 1	8	0.95	1	1	26.086097
Lane_str_opr	BOBJ1	88	Before	Interior Girder 2	8	0.95	1	1	19.873212
Lane_str_opr	BOBJ1	88	Before	Interior Girder 3	8	0.95	1	1	16.401336
Lane_str_opr	BOBJ1	88	Before	Interior Girder 4	8	0.95	1	1	16.373829
Lane_str_opr	BOBJ1	88	Before	Interior Girder 5	8	0.95	1	1	19.565563
Lane_str_opr	BOBJ1	88	Before	Interior Girder 6	8	0.95	1	1	26.4594
Lane_str_opr	BOBJ1	88	Before	Right Exterior Girder	8	0.95	1	1	23.667529
Lane_str_opr	BOBJ1	88	After	Left Exterior Girder	8	0.95	1	1	25.191913
Lane_str_opr	BOBJ1	88	After	Interior Girder 1	8	0.95	1	1	22.969609
Lane_str_opr	BOBJ1	88	After	Interior Girder 2	8	0.95	1	1	22.389863
Lane_str_opr	BOBJ1	88	After	Interior Girder 3	8	0.95	1	1	19.021462
Lane_str_opr	BOBJ1	88	After	Interior Girder 4	8	0.95	1	1	18.965842
Lane_str_opr	BOBJ1	88	After	Interior Girder 5	8	0.95	1	1	22.109602
Lane_str_opr	BOBJ1	88	After	Interior Girder 6	8	0.95	1	1	23.062168
Lane_str_opr	BOBJ1	88	After	Right Exterior Girder	8	0.95	1	1	25.360299
Lane_str_opr	BOBJ1	91	Before	Interior Girder 1	11	0.95	1	1	23.195811
Lane_str_opr	BOBJ1	91	Before	Interior Girder 2	11	0.95	1	1	22.607212
Lane_str_opr	BOBJ1	91	Before	Interior Girder 3	11	0.95	1	1	19.211563
Lane_str_opr	BOBJ1	91	Before	Interior Girder 4	11	0.95	1	1	19.155387
Lane_str_opr	BOBJ1	91	Before	Interior Girder 5	11	0.95	1	1	22.32423
Lane_str_opr	BOBJ1	91	Before	Interior Girder 6	11	0.95	1	1	23.289282
Lane_str_opr	BOBJ1	91	After	Interior Girder 1	11	0.95	1	1	26.743558
Lane_str_opr	BOBJ1	91	After	Interior Girder 2	11	0.95	1	1	24.757975
Lane_str_opr	BOBJ1	91	After	Interior Girder 3	11	0.95	1	1	21.556328
Lane_str_opr	BOBJ1	91	After	Interior Girder 4	11	0.95	1	1	21.552309
Lane_str_opr	BOBJ1	91	After	Interior Girder 5	11	0.95	1	1	24.849684
Lane_str_opr	BOBJ1	91	After	Interior Girder 6	11	0.95	1	1	26.701016
Lane_str_opr	BOBJ1	96	Before	Left Exterior Girder	16	0.95	1	1	34.124259
Lane_str_opr	BOBJ1	96	Before	Interior Girder 1	16	0.95	1	1	27.128927
Lane_str_opr	BOBJ1	96	Before	Interior Girder 2	16	0.95	1	1	25.1101
Lane_str_opr	BOBJ1	96	Before	Interior Girder 3	16	0.95	1	1	21.870943
Lane_str_opr	BOBJ1	96	Before	Interior Girder 4	16	0.95	1	1	21.866866
Lane_str_opr	BOBJ1	96	Before	Interior Girder 5	16	0.95	1	1	25.203114
Lane_str_opr	BOBJ1	96	Before	Interior Girder 6	16	0.95	1	1	27.085773
Lane_str_opr	BOBJ1	96	Before	Right Exterior Girder	16	0.95	1	1	34.365716
Lane_str_opr	BOBJ1	96	After	Left Exterior Girder	16	0.95	1	1	34.64422
Lane_str_opr	BOBJ1	96	After	Interior Girder 1	16	0.95	1	1	30.520728
Lane_str_opr	BOBJ1	96	After	Interior Girder 2	16	0.95	1	1	29.094048
Lane_str_opr	BOBJ1	96	After	Interior Girder 3	16	0.95	1	1	28.875349
Lane_str_opr	BOBJ1	96	After	Interior Girder 4	16	0.95	1	1	29.158754

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Approach, Span 4-(									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Lane_str_opr	BOBJ1	96	After	Interior Girder 5	16	0.95	1	1	29.152506
Lane_str_opr	BOBJ1	96	After	Interior Girder 6	16	0.95	1	1	30.932796
Lane_str_opr	BOBJ1	96	After	Right Exterior Girder	16	0.95	1	1	34.793369
Lane_str_opr	BOBJ1	104	Before	Left Exterior Girder	24	0.95	1	1	35.223673
Lane_str_opr	BOBJ1	104	Before	Interior Girder 1	24	0.95	1	1	31.211415
Lane_str_opr	BOBJ1	104	Before	Interior Girder 2	24	0.95	1	1	29.750064
Lane_str_opr	BOBJ1	104	Before	Interior Girder 3	24	0.95	1	1	29.52635
Lane_str_opr	BOBJ1	104	Before	Interior Girder 4	24	0.95	1	1	29.816144
Lane_str_opr	BOBJ1	104	Before	Interior Girder 5	24	0.95	1	1	29.809841
Lane_str_opr	BOBJ1	104	Before	Interior Girder 6	24	0.95	1	1	31.632807
Lane_str_opr	BOBJ1	104	Before	Right Exterior Girder	24	0.95	1	1	35.375317
Lane_str_opr	BOBJ1	104	After	Left Exterior Girder	24	0.95	1	1	40.560765
Lane_str_opr	BOBJ1	104	After	Interior Girder 1	24	0.95	1	1	42.328873
Lane_str_opr	BOBJ1	104	After	Interior Girder 2	24	0.95	1	1	37.428082
Lane_str_opr	BOBJ1	104	After	Interior Girder 3	24	0.95	1	1	38.485567
Lane_str_opr	BOBJ1	104	After	Interior Girder 4	24	0.95	1	1	39.063296
Lane_str_opr	BOBJ1	104	After	Interior Girder 5	24	0.95	1	1	38.242019
Lane_str_opr	BOBJ1	104	After	Interior Girder 6	24	0.95	1	1	42.444396
Lane_str_opr	BOBJ1	104	After	Right Exterior Girder	24	0.95	1	1	40.8141
Lane_str_opr	BOBJ1	112	Before	Left Exterior Girder	32	0.95	1	1	41.207119
Lane_str_opr	BOBJ1	112	Before	Interior Girder 1	32	0.95	1	1	43.260029
Lane_str_opr	BOBJ1	112	Before	Interior Girder 2	32	0.95	1	1	38.246715
Lane_str_opr	BOBJ1	112	Before	Interior Girder 3	32	0.95	1	1	39.326703
Lane_str_opr	BOBJ1	112	Before	Interior Girder 4	32	0.95	1	1	39.917059
Lane_str_opr	BOBJ1	112	Before	Interior Girder 5	32	0.95	1	1	39.078454
Lane_str_opr	BOBJ1	112	Before	Interior Girder 6	32	0.95	1	1	43.378093
Lane_str_opr	BOBJ1	112	Before	Right Exterior Girder	32	0.95	1	1	41.464491
Lane_str_opr	BOBJ1	112	After	Left Exterior Girder	32	0.95	1	1	75.731834
Lane_str_opr	BOBJ1	112	After	Interior Girder 1	32	0.95	1	1	49.456465
Lane_str_opr	BOBJ1	112	After	Interior Girder 2	32	0.95	1	1	48.151623
Lane_str_opr	BOBJ1	112	After	Interior Girder 3	32	0.95	1	1	49.544159
Lane_str_opr	BOBJ1	112	After	Interior Girder 4	32	0.95	1	1	50.605492
Lane_str_opr	BOBJ1	112	After	Interior Girder 5	32	0.95	1	1	48.79136
Lane_str_opr	BOBJ1	112	After	Interior Girder 6	32	0.95	1	1	50.450772
Lane_str_opr	BOBJ1	112	After	Right Exterior Girder	32	0.95	1	1	76.244111
Lane_str_opr	BOBJ1	120	Before	Left Exterior Girder	40	0.95	1	1	76.891687
Lane_str_opr	BOBJ1	120	Before	Interior Girder 1	40	0.95	1	1	50.504283
Lane_str_opr	BOBJ1	120	Before	Interior Girder 2	40	0.95	1	1	49.172849
Lane_str_opr	BOBJ1	120	Before	Interior Girder 3	40	0.95	1	1	50.594342
Lane_str_opr	BOBJ1	120	Before	Interior Girder 4	40	0.95	1	1	51.678173
Lane_str_opr	BOBJ1	120	Before	Interior Girder 5	40	0.95	1	1	49.826153
Lane_str_opr	BOBJ1	120	Before	Interior Girder 6	40	0.95	1	1	51.519657
Lane_str_opr	BOBJ1	120	Before	Right Exterior Girder	40	0.95	1	1	77.41181
Lane_str_opr	BOBJ1	120	After	Left Exterior Girder	40	0.95	1	1	77.229744
Lane_str_opr	BOBJ1	120	After	Interior Girder 1	40	0.95	1	1	50.528855
Lane_str_opr	BOBJ1	120	After	Interior Girder 2	40	0.95	1	1	49.374884
Lane_str_opr	BOBJ1	120	After	Interior Girder 3	40	0.95	1	1	50.981605
Lane_str_opr	BOBJ1	120	After	Interior Girder 4	40	0.95	1	1	52.076324
Lane_str_opr	BOBJ1	120	After	Interior Girder 5	40	0.95	1	1	50.035013
Lane_str_opr	BOBJ1	120	After	Interior Girder 6	40	0.95	1	1	51.546112
Lane_str_opr	BOBJ1	120	After	Right Exterior Girder	40	0.95	1	1	77.776924
Lane_str_opr	BOBJ1	128	Before	Left Exterior Girder	48	0.95	1	1	76.067369
Lane_str_opr	BOBJ1	128	Before	Interior Girder 1	48	0.95	1	1	49.481394
Lane_str_opr	BOBJ1	128	Before	Interior Girder 2	48	0.95	1	1	48.350242
Lane_str_opr	BOBJ1	128	Before	Interior Girder 3	48	0.95	1	1	49.923959
Lane_str_opr	BOBJ1	128	Before	Interior Girder 4	48	0.95	1	1	50.995967
Lane_str_opr	BOBJ1	128	Before	Interior Girder 5	48	0.95	1	1	48.996672
Lane_str_opr	BOBJ1	128	Before	Interior Girder 6	48	0.95	1	1	50.477564
Lane_str_opr	BOBJ1	128	Before	Right Exterior Girder	48	0.95	1	1	76.606313
Lane_str_opr	BOBJ1	128	After	Left Exterior Girder	48	0.95	1	1	41.77278
Lane_str_opr	BOBJ1	128	After	Interior Girder 1	48	0.95	1	1	43.387274
Lane_str_opr	BOBJ1	128	After	Interior Girder 2	48	0.95	1	1	38.490541
Lane_str_opr	BOBJ1	128	After	Interior Girder 3	48	0.95	1	1	39.867268
Lane_str_opr	BOBJ1	128	After	Interior Girder 4	48	0.95	1	1	40.477077
Lane_str_opr	BOBJ1	128	After	Interior Girder 5	48	0.95	1	1	39.336639

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Approach, Span 4-6									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Lane_str_opr	BOBJ1	128	After	Interior Girder 6	48	0.95	1	1	43.513132
Lane_str_opr	BOBJ1	128	After	Right Exterior Girder	48	0.95	1	1	42.02996
Lane_str_opr	BOBJ1	136	Before	Left Exterior Girder	56	0.95	1	1	41.119296
Lane_str_opr	BOBJ1	136	Before	Interior Girder 1	56	0.95	1	1	42.453936
Lane_str_opr	BOBJ1	136	Before	Interior Girder 2	56	0.95	1	1	37.667011
Lane_str_opr	BOBJ1	136	Before	Interior Girder 3	56	0.95	1	1	39.015305
Lane_str_opr	BOBJ1	136	Before	Interior Girder 4	56	0.95	1	1	39.612082
Lane_str_opr	BOBJ1	136	Before	Interior Girder 5	56	0.95	1	1	38.495006
Lane_str_opr	BOBJ1	136	Before	Interior Girder 6	56	0.95	1	1	42.577086
Lane_str_opr	BOBJ1	136	Before	Right Exterior Girder	56	0.95	1	1	41.372453
Lane_str_opr	BOBJ1	136	After	Left Exterior Girder	56	0.95	1	1	35.74215
Lane_str_opr	BOBJ1	136	After	Interior Girder 1	56	0.95	1	1	31.341176
Lane_str_opr	BOBJ1	136	After	Interior Girder 2	56	0.95	1	1	29.92999
Lane_str_opr	BOBJ1	136	After	Interior Girder 3	56	0.95	1	1	29.911462
Lane_str_opr	BOBJ1	136	After	Interior Girder 4	56	0.95	1	1	30.21351
Lane_str_opr	BOBJ1	136	After	Interior Girder 5	56	0.95	1	1	29.999889
Lane_str_opr	BOBJ1	136	After	Interior Girder 6	56	0.95	1	1	31.768366
Lane_str_opr	BOBJ1	136	After	Right Exterior Girder	56	0.95	1	1	35.892624
Lane_str_opr	BOBJ1	144	Before	Left Exterior Girder	64	0.95	1	1	35.155895
Lane_str_opr	BOBJ1	144	Before	Interior Girder 1	64	0.95	1	1	30.647969
Lane_str_opr	BOBJ1	144	Before	Interior Girder 2	64	0.95	1	1	29.270184
Lane_str_opr	BOBJ1	144	Before	Interior Girder 3	64	0.95	1	1	29.252617
Lane_str_opr	BOBJ1	144	Before	Interior Girder 4	64	0.95	1	1	29.548012
Lane_str_opr	BOBJ1	144	Before	Interior Girder 5	64	0.95	1	1	29.338543
Lane_str_opr	BOBJ1	144	Before	Interior Girder 6	64	0.95	1	1	31.065711
Lane_str_opr	BOBJ1	144	Before	Right Exterior Girder	64	0.95	1	1	35.3039
Lane_str_opr	BOBJ1	144	After	Left Exterior Girder	64	0.95	1	1	32.028223
Lane_str_opr	BOBJ1	144	After	Interior Girder 1	64	0.95	1	1	26.944183
Lane_str_opr	BOBJ1	144	After	Interior Girder 2	64	0.95	1	1	24.99253
Lane_str_opr	BOBJ1	144	After	Interior Girder 3	64	0.95	1	1	22.02051
Lane_str_opr	BOBJ1	144	After	Interior Girder 4	64	0.95	1	1	22.034327
Lane_str_opr	BOBJ1	144	After	Interior Girder 5	64	0.95	1	1	25.113625
Lane_str_opr	BOBJ1	144	After	Interior Girder 6	64	0.95	1	1	26.924435
Lane_str_opr	BOBJ1	144	After	Right Exterior Girder	64	0.95	1	1	32.251497
Lane_str_opr	BOBJ1	150	Before	Interior Girder 1	70	0.95	1	1	26.484644
Lane_str_opr	BOBJ1	150	Before	Interior Girder 2	70	0.95	1	1	24.571423
Lane_str_opr	BOBJ1	150	Before	Interior Girder 3	70	0.95	1	1	21.640923
Lane_str_opr	BOBJ1	150	Before	Interior Girder 4	70	0.95	1	1	21.654502
Lane_str_opr	BOBJ1	150	Before	Interior Girder 5	70	0.95	1	1	24.690477
Lane_str_opr	BOBJ1	150	Before	Interior Girder 6	70	0.95	1	1	26.465233
Lane_str_opr	BOBJ1	150	After	Interior Girder 1	70	0.95	1	1	21.567658
Lane_str_opr	BOBJ1	150	After	Interior Girder 2	70	0.95	1	1	22.308925
Lane_str_opr	BOBJ1	150	After	Interior Girder 3	70	0.95	1	1	19.041724
Lane_str_opr	BOBJ1	150	After	Interior Girder 4	70	0.95	1	1	18.994
Lane_str_opr	BOBJ1	150	After	Interior Girder 5	70	0.95	1	1	22.010445
Lane_str_opr	BOBJ1	150	After	Interior Girder 6	70	0.95	1	1	21.673815
Lane_str_opr	BOBJ1	152	Before	Left Exterior Girder	72	0.95	1	1	30.629248
Lane_str_opr	BOBJ1	152	Before	Interior Girder 1	72	0.95	1	1	21.427697
Lane_str_opr	BOBJ1	152	Before	Interior Girder 2	72	0.95	1	1	22.167175
Lane_str_opr	BOBJ1	152	Before	Interior Girder 3	72	0.95	1	1	18.917395
Lane_str_opr	BOBJ1	152	Before	Interior Girder 4	72	0.95	1	1	18.869982
Lane_str_opr	BOBJ1	152	Before	Interior Girder 5	72	0.95	1	1	21.870592
Lane_str_opr	BOBJ1	152	Before	Interior Girder 6	72	0.95	1	1	21.533165
Lane_str_opr	BOBJ1	152	Before	Right Exterior Girder	72	0.95	1	1	30.841671
Lane_str_opr	BOBJ1	152	After	Left Exterior Girder	72	0.95	1	1	26.770194
Lane_str_opr	BOBJ1	152	After	Interior Girder 1	72	0.95	1	1	19.899459
Lane_str_opr	BOBJ1	152	After	Interior Girder 2	72	0.95	1	1	19.950937
Lane_str_opr	BOBJ1	152	After	Interior Girder 3	72	0.95	1	1	16.642144
Lane_str_opr	BOBJ1	152	After	Interior Girder 4	72	0.95	1	1	16.61509
Lane_str_opr	BOBJ1	152	After	Interior Girder 5	72	0.95	1	1	19.643485
Lane_str_opr	BOBJ1	152	After	Interior Girder 6	72	0.95	1	1	20.143464
Lane_str_opr	BOBJ1	152	After	Right Exterior Girder	72	0.95	1	1	26.911331
Lane_str_opr	BOBJ1	154	Before	Left Exterior Girder	74	0.95	1	1	26.66277
Lane_str_opr	BOBJ1	154	Before	Right Exterior Girder	74	0.95	1	1	26.803341
Lane_str_opr	BOBJ1	154	After	Left Exterior Girder	74	0.95	1	1	27.423745

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Approach, Span 4-6									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Lane_str_opr	BOBJ1	154	After	Right Exterior Girder	74	0.95	1	1	27.5502
Lane_str_opr	BOBJ1	160	Before	Left Exterior Girder	80	0.95	1	1	27.049924
Lane_str_opr	BOBJ1	160	Before	Interior Girder 1	80	0.95	1	1	19.160988
Lane_str_opr	BOBJ1	160	Before	Interior Girder 2	80	0.95	1	1	19.438892
Lane_str_opr	BOBJ1	160	Before	Interior Girder 3	80	0.95	1	1	16.201405
Lane_str_opr	BOBJ1	160	Before	Interior Girder 4	80	0.95	1	1	16.175068
Lane_str_opr	BOBJ1	160	Before	Interior Girder 5	80	0.95	1	1	19.139331
Lane_str_opr	BOBJ1	160	Before	Interior Girder 6	80	0.95	1	1	19.385849
Lane_str_opr	BOBJ1	160	Before	Right Exterior Girder	80	0.95	1	1	27.174655
Lane_str_opr	BOBJ1	160	After	Left Exterior Girder	0	0.95	1	1	23.53314
Lane_str_opr	BOBJ1	160	After	Interior Girder 1	0	0.95	1	1	17.138466
Lane_str_opr	BOBJ1	160	After	Interior Girder 2	0	0.95	1	1	17.372149
Lane_str_opr	BOBJ1	160	After	Interior Girder 3	0	0.95	1	1	14.609954
Lane_str_opr	BOBJ1	160	After	Interior Girder 4	0	0.95	1	1	14.58598
Lane_str_opr	BOBJ1	160	After	Interior Girder 5	0	0.95	1	1	17.120263
Lane_str_opr	BOBJ1	160	After	Interior Girder 6	0	0.95	1	1	17.327914
Lane_str_opr	BOBJ1	160	After	Right Exterior Girder	0	0.95	1	1	23.627605
Lane_str_opr	BOBJ1	166	Before	Left Exterior Girder	6	0.95	1	1	23.873821
Lane_str_opr	BOBJ1	166	Before	Right Exterior Girder	6	0.95	1	1	23.969654
Lane_str_opr	BOBJ1	166	After	Left Exterior Girder	6	0.95	1	1	22.572838
Lane_str_opr	BOBJ1	166	After	Right Exterior Girder	6	0.95	1	1	22.677679
Lane_str_opr	BOBJ1	168	Before	Left Exterior Girder	8	0.95	1	1	22.668769
Lane_str_opr	BOBJ1	168	Before	Interior Girder 1	8	0.95	1	1	18.281897
Lane_str_opr	BOBJ1	168	Before	Interior Girder 2	8	0.95	1	1	17.850088
Lane_str_opr	BOBJ1	168	Before	Interior Girder 3	8	0.95	1	1	15.026613
Lane_str_opr	BOBJ1	168	Before	Interior Girder 4	8	0.95	1	1	15.001956
Lane_str_opr	BOBJ1	168	Before	Interior Girder 5	8	0.95	1	1	17.591272
Lane_str_opr	BOBJ1	168	Before	Interior Girder 6	8	0.95	1	1	18.49617
Lane_str_opr	BOBJ1	168	Before	Right Exterior Girder	8	0.95	1	1	22.774055
Lane_str_opr	BOBJ1	168	After	Left Exterior Girder	8	0.95	1	1	25.817173
Lane_str_opr	BOBJ1	168	After	Interior Girder 1	8	0.95	1	1	18.958721
Lane_str_opr	BOBJ1	168	After	Interior Girder 2	8	0.95	1	1	19.728174
Lane_str_opr	BOBJ1	168	After	Interior Girder 3	8	0.95	1	1	16.985875
Lane_str_opr	BOBJ1	168	After	Interior Girder 4	8	0.95	1	1	16.943313
Lane_str_opr	BOBJ1	168	After	Interior Girder 5	8	0.95	1	1	19.480495
Lane_str_opr	BOBJ1	168	After	Interior Girder 6	8	0.95	1	1	19.046277
Lane_str_opr	BOBJ1	168	After	Right Exterior Girder	8	0.95	1	1	25.97269
Lane_str_opr	BOBJ1	170	Before	Interior Girder 1	10	0.95	1	1	19.08858
Lane_str_opr	BOBJ1	170	Before	Interior Girder 2	10	0.95	1	1	19.859761
Lane_str_opr	BOBJ1	170	Before	Interior Girder 3	10	0.95	1	1	17.102711
Lane_str_opr	BOBJ1	170	Before	Interior Girder 4	10	0.95	1	1	17.059857
Lane_str_opr	BOBJ1	170	Before	Interior Girder 5	10	0.95	1	1	19.61043
Lane_str_opr	BOBJ1	170	Before	Interior Girder 6	10	0.95	1	1	19.176735
Lane_str_opr	BOBJ1	170	After	Interior Girder 1	10	0.95	1	1	23.351954
Lane_str_opr	BOBJ1	170	After	Interior Girder 2	10	0.95	1	1	21.742231
Lane_str_opr	BOBJ1	170	After	Interior Girder 3	10	0.95	1	1	19.303574
Lane_str_opr	BOBJ1	170	After	Interior Girder 4	10	0.95	1	1	19.307896
Lane_str_opr	BOBJ1	170	After	Interior Girder 5	10	0.95	1	1	21.831589
Lane_str_opr	BOBJ1	170	After	Interior Girder 6	10	0.95	1	1	23.332941
Lane_str_opr	BOBJ1	176	Before	Left Exterior Girder	16	0.95	1	1	27.565549
Lane_str_opr	BOBJ1	176	Before	Interior Girder 1	16	0.95	1	1	23.774914
Lane_str_opr	BOBJ1	176	Before	Interior Girder 2	16	0.95	1	1	22.130731
Lane_str_opr	BOBJ1	176	Before	Interior Girder 3	16	0.95	1	1	19.657671
Lane_str_opr	BOBJ1	176	Before	Interior Girder 4	16	0.95	1	1	19.662072
Lane_str_opr	BOBJ1	176	Before	Interior Girder 5	16	0.95	1	1	22.221685
Lane_str_opr	BOBJ1	176	Before	Interior Girder 6	16	0.95	1	1	23.755556
Lane_str_opr	BOBJ1	176	Before	Right Exterior Girder	16	0.95	1	1	27.741233
Lane_str_opr	BOBJ1	176	After	Left Exterior Girder	16	0.95	1	1	38.969145
Lane_str_opr	BOBJ1	176	After	Interior Girder 1	16	0.95	1	1	24.637174
Lane_str_opr	BOBJ1	176	After	Interior Girder 2	16	0.95	1	1	24.458403
Lane_str_opr	BOBJ1	176	After	Interior Girder 3	16	0.95	1	1	24.0542
Lane_str_opr	BOBJ1	176	After	Interior Girder 4	16	0.95	1	1	24.160003
Lane_str_opr	BOBJ1	176	After	Interior Girder 5	16	0.95	1	1	24.207877
Lane_str_opr	BOBJ1	176	After	Interior Girder 6	16	0.95	1	1	24.939782
Lane_str_opr	BOBJ1	176	After	Right Exterior Girder	16	0.95	1	1	39.104915

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Approach, Span 4-6									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Lane_str_opr	BOBJ1	181	Before	Interior Girder 1	21	0.95	1	1	25.002631
Lane_str_opr	BOBJ1	181	Before	Interior Girder 2	21	0.95	1	1	24.817865
Lane_str_opr	BOBJ1	181	Before	Interior Girder 3	21	0.95	1	1	24.407736
Lane_str_opr	BOBJ1	181	Before	Interior Girder 4	21	0.95	1	1	24.515094
Lane_str_opr	BOBJ1	181	Before	Interior Girder 5	21	0.95	1	1	24.563656
Lane_str_opr	BOBJ1	181	Before	Interior Girder 6	21	0.95	1	1	25.309728
Lane_str_opr	BOBJ1	181	After	Interior Girder 1	21	0.95	1	1	34.197387
Lane_str_opr	BOBJ1	181	After	Interior Girder 2	21	0.95	1	1	34.11949
Lane_str_opr	BOBJ1	181	After	Interior Girder 3	21	0.95	1	1	33.966033
Lane_str_opr	BOBJ1	181	After	Interior Girder 4	21	0.95	1	1	33.979123
Lane_str_opr	BOBJ1	181	After	Interior Girder 5	21	0.95	1	1	33.636092
Lane_str_opr	BOBJ1	181	After	Interior Girder 6	21	0.95	1	1	34.432765
Lane_str_opr	BOBJ1	184	Before	Left Exterior Girder	24	0.95	1	1	41.869695
Lane_str_opr	BOBJ1	184	Before	Interior Girder 1	24	0.95	1	1	34.463833
Lane_str_opr	BOBJ1	184	Before	Interior Girder 2	24	0.95	1	1	34.382305
Lane_str_opr	BOBJ1	184	Before	Interior Girder 3	24	0.95	1	1	34.227443
Lane_str_opr	BOBJ1	184	Before	Interior Girder 4	24	0.95	1	1	34.240633
Lane_str_opr	BOBJ1	184	Before	Interior Girder 5	24	0.95	1	1	33.895183
Lane_str_opr	BOBJ1	184	Before	Interior Girder 6	24	0.95	1	1	34.701045
Lane_str_opr	BOBJ1	184	Before	Right Exterior Girder	24	0.95	1	1	42.058915
Lane_str_opr	BOBJ1	184	After	Left Exterior Girder	24	0.95	1	1	45.420937
Lane_str_opr	BOBJ1	184	After	Interior Girder 1	24	0.95	1	1	44.821792
Lane_str_opr	BOBJ1	184	After	Interior Girder 2	24	0.95	1	1	40.295415
Lane_str_opr	BOBJ1	184	After	Interior Girder 3	24	0.95	1	1	41.458862
Lane_str_opr	BOBJ1	184	After	Interior Girder 4	24	0.95	1	1	42.01603
Lane_str_opr	BOBJ1	184	After	Interior Girder 5	24	0.95	1	1	41.077094
Lane_str_opr	BOBJ1	184	After	Interior Girder 6	24	0.95	1	1	44.861194
Lane_str_opr	BOBJ1	184	After	Right Exterior Girder	24	0.95	1	1	45.682116
Lane_str_opr	BOBJ1	192	Before	Left Exterior Girder	32	0.95	1	1	46.098487
Lane_str_opr	BOBJ1	192	Before	Interior Girder 1	32	0.95	1	1	45.739122
Lane_str_opr	BOBJ1	192	Before	Interior Girder 2	32	0.95	1	1	41.112945
Lane_str_opr	BOBJ1	192	Before	Interior Girder 3	32	0.95	1	1	42.299053
Lane_str_opr	BOBJ1	192	Before	Interior Girder 4	32	0.95	1	1	42.867513
Lane_str_opr	BOBJ1	192	Before	Interior Girder 5	32	0.95	1	1	41.910483
Lane_str_opr	BOBJ1	192	Before	Interior Girder 6	32	0.95	1	1	45.779331
Lane_str_opr	BOBJ1	192	Before	Right Exterior Girder	32	0.95	1	1	46.363563
Lane_str_opr	BOBJ1	192	After	Left Exterior Girder	32	0.95	1	1	82.067817
Lane_str_opr	BOBJ1	192	After	Interior Girder 1	32	0.95	1	1	54.522812
Lane_str_opr	BOBJ1	192	After	Interior Girder 2	32	0.95	1	1	52.164871
Lane_str_opr	BOBJ1	192	After	Interior Girder 3	32	0.95	1	1	53.264261
Lane_str_opr	BOBJ1	192	After	Interior Girder 4	32	0.95	1	1	54.35418
Lane_str_opr	BOBJ1	192	After	Interior Girder 5	32	0.95	1	1	52.78151
Lane_str_opr	BOBJ1	192	After	Interior Girder 6	32	0.95	1	1	55.735677
Lane_str_opr	BOBJ1	192	After	Right Exterior Girder	32	0.95	1	1	82.344087
Lane_str_opr	BOBJ1	200	Before	Left Exterior Girder	40	0.95	1	1	83.254107
Lane_str_opr	BOBJ1	200	Before	Interior Girder 1	40	0.95	1	1	55.599958
Lane_str_opr	BOBJ1	200	Before	Interior Girder 2	40	0.95	1	1	53.194705
Lane_str_opr	BOBJ1	200	Before	Interior Girder 3	40	0.95	1	1	54.312814
Lane_str_opr	BOBJ1	200	Before	Interior Girder 4	40	0.95	1	1	55.424189
Lane_str_opr	BOBJ1	200	Before	Interior Girder 5	40	0.95	1	1	53.823517
Lane_str_opr	BOBJ1	200	Before	Interior Girder 6	40	0.95	1	1	56.836785
Lane_str_opr	BOBJ1	200	Before	Right Exterior Girder	40	0.95	1	1	83.534371
Lane_str_opr	BOBJ1	200	After	Left Exterior Girder	40	0.95	1	1	99.160962
Lane_str_opr	BOBJ1	200	After	Interior Girder 1	40	0.95	1	1	80.57638
Lane_str_opr	BOBJ1	200	After	Interior Girder 2	40	0.95	1	1	71.016779
Lane_str_opr	BOBJ1	200	After	Interior Girder 3	40	0.95	1	1	75.046582
Lane_str_opr	BOBJ1	200	After	Interior Girder 4	40	0.95	1	1	76.932627
Lane_str_opr	BOBJ1	200	After	Interior Girder 5	40	0.95	1	1	73.444859
Lane_str_opr	BOBJ1	200	After	Interior Girder 6	40	0.95	1	1	81.533596
Lane_str_opr	BOBJ1	200	After	Right Exterior Girder	40	0.95	1	1	99.93023
Lane_str_opr	BOBJ1	208	Before	Left Exterior Girder	48	0.95	1	1	100.542045
Lane_str_opr	BOBJ1	208	Before	Interior Girder 1	48	0.95	1	1	82.129154
Lane_str_opr	BOBJ1	208	Before	Interior Girder 2	48	0.95	1	1	72.381817
Lane_str_opr	BOBJ1	208	Before	Interior Girder 3	48	0.95	1	1	76.486032
Lane_str_opr	BOBJ1	208	Before	Interior Girder 4	48	0.95	1	1	78.408252

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Approach, Span 4-6									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Lane_str_opr	BOBJ1	208	Before	Interior Girder 5	48	0.95	1	1	74.856569
Lane_str_opr	BOBJ1	208	Before	Interior Girder 6	48	0.95	1	1	83.104816
Lane_str_opr	BOBJ1	208	Before	Right Exterior Girder	48	0.95	1	1	101.322028
Lane_str_opr	BOBJ1	208	After	Left Exterior Girder	48	0.95	1	1	88.601235
Lane_str_opr	BOBJ1	208	After	Interior Girder 1	48	0.95	1	1	82.626036
Lane_str_opr	BOBJ1	208	After	Interior Girder 2	48	0.95	1	1	75.202805
Lane_str_opr	BOBJ1	208	After	Interior Girder 3	48	0.95	1	1	79.868556
Lane_str_opr	BOBJ1	208	After	Interior Girder 4	48	0.95	1	1	82.094723
Lane_str_opr	BOBJ1	208	After	Interior Girder 5	48	0.95	1	1	77.990565
Lane_str_opr	BOBJ1	208	After	Interior Girder 6	48	0.95	1	1	83.273073
Lane_str_opr	BOBJ1	208	After	Right Exterior Girder	48	0.95	1	1	89.104633
Lane_str_opr	BOBJ1	216	Before	Left Exterior Girder	56	0.95	1	1	87.383127
Lane_str_opr	BOBJ1	216	Before	Interior Girder 1	56	0.95	1	1	81.062581
Lane_str_opr	BOBJ1	216	Before	Interior Girder 2	56	0.95	1	1	73.783977
Lane_str_opr	BOBJ1	216	Before	Interior Girder 3	56	0.95	1	1	78.361775
Lane_str_opr	BOBJ1	216	Before	Interior Girder 4	56	0.95	1	1	80.545944
Lane_str_opr	BOBJ1	216	Before	Interior Girder 5	56	0.95	1	1	76.51914
Lane_str_opr	BOBJ1	216	Before	Interior Girder 6	56	0.95	1	1	81.697374
Lane_str_opr	BOBJ1	216	Before	Right Exterior Girder	56	0.95	1	1	87.879604
Lane_str_opr	BOBJ1	216	After	Left Exterior Girder	56	0.95	1	1	73.536928
Lane_str_opr	BOBJ1	216	After	Interior Girder 1	56	0.95	1	1	55.060337
Lane_str_opr	BOBJ1	216	After	Interior Girder 2	56	0.95	1	1	54.644544
Lane_str_opr	BOBJ1	216	After	Interior Girder 3	56	0.95	1	1	55.786038
Lane_str_opr	BOBJ1	216	After	Interior Girder 4	56	0.95	1	1	56.958511
Lane_str_opr	BOBJ1	216	After	Interior Girder 5	56	0.95	1	1	55.24477
Lane_str_opr	BOBJ1	216	After	Interior Girder 6	56	0.95	1	1	56.245599
Lane_str_opr	BOBJ1	216	After	Right Exterior Girder	56	0.95	1	1	73.726409
Lane_str_opr	BOBJ1	224	Before	Left Exterior Girder	64	0.95	1	1	72.488027
Lane_str_opr	BOBJ1	224	Before	Interior Girder 1	64	0.95	1	1	53.99295
Lane_str_opr	BOBJ1	224	Before	Interior Girder 2	64	0.95	1	1	53.586329
Lane_str_opr	BOBJ1	224	Before	Interior Girder 3	64	0.95	1	1	54.70614
Lane_str_opr	BOBJ1	224	Before	Interior Girder 4	64	0.95	1	1	55.855916
Lane_str_opr	BOBJ1	224	Before	Interior Girder 5	64	0.95	1	1	54.174931
Lane_str_opr	BOBJ1	224	Before	Interior Girder 6	64	0.95	1	1	55.155235
Lane_str_opr	BOBJ1	224	Before	Right Exterior Girder	64	0.95	1	1	72.674805
Lane_str_opr	BOBJ1	224	After	Left Exterior Girder	64	0.95	1	1	43.905637
Lane_str_opr	BOBJ1	224	After	Interior Girder 1	64	0.95	1	1	44.726526
Lane_str_opr	BOBJ1	224	After	Interior Girder 2	64	0.95	1	1	42.750464
Lane_str_opr	BOBJ1	224	After	Interior Girder 3	64	0.95	1	1	42.795962
Lane_str_opr	BOBJ1	224	After	Interior Girder 4	64	0.95	1	1	43.088069
Lane_str_opr	BOBJ1	224	After	Interior Girder 5	64	0.95	1	1	43.45093
Lane_str_opr	BOBJ1	224	After	Interior Girder 6	64	0.95	1	1	44.740133
Lane_str_opr	BOBJ1	224	After	Right Exterior Girder	64	0.95	1	1	44.15906
Lane_str_opr	BOBJ1	232	Before	Left Exterior Girder	72	0.95	1	1	43.257344
Lane_str_opr	BOBJ1	232	Before	Interior Girder 1	72	0.95	1	1	43.832313
Lane_str_opr	BOBJ1	232	Before	Interior Girder 2	72	0.95	1	1	41.902216
Lane_str_opr	BOBJ1	232	Before	Interior Girder 3	72	0.95	1	1	41.941315
Lane_str_opr	BOBJ1	232	Before	Interior Girder 4	72	0.95	1	1	42.227589
Lane_str_opr	BOBJ1	232	Before	Interior Girder 5	72	0.95	1	1	42.588785
Lane_str_opr	BOBJ1	232	Before	Interior Girder 6	72	0.95	1	1	43.845648
Lane_str_opr	BOBJ1	232	Before	Right Exterior Girder	72	0.95	1	1	43.507025
Lane_str_opr	BOBJ1	232	After	Left Exterior Girder	72	0.95	1	1	38.350288
Lane_str_opr	BOBJ1	232	After	Interior Girder 1	72	0.95	1	1	31.386169
Lane_str_opr	BOBJ1	232	After	Interior Girder 2	72	0.95	1	1	32.713495
Lane_str_opr	BOBJ1	232	After	Interior Girder 3	72	0.95	1	1	31.070012
Lane_str_opr	BOBJ1	232	After	Interior Girder 4	72	0.95	1	1	31.064756
Lane_str_opr	BOBJ1	232	After	Interior Girder 5	72	0.95	1	1	32.118991
Lane_str_opr	BOBJ1	232	After	Interior Girder 6	72	0.95	1	1	31.788559
Lane_str_opr	BOBJ1	232	After	Right Exterior Girder	72	0.95	1	1	38.475194
Lane_str_opr	BOBJ1	240	Before	Left Exterior Girder	80	0.95	1	1	37.760199
Lane_str_opr	BOBJ1	240	Before	Interior Girder 1	80	0.95	1	1	30.743241
Lane_str_opr	BOBJ1	240	Before	Interior Girder 2	80	0.95	1	1	32.047334
Lane_str_opr	BOBJ1	240	Before	Interior Girder 3	80	0.95	1	1	30.431635
Lane_str_opr	BOBJ1	240	Before	Interior Girder 4	80	0.95	1	1	30.426487
Lane_str_opr	BOBJ1	240	Before	Interior Girder 5	80	0.95	1	1	31.464936

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Approach, Span 4-6									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Lane_str_opr	BOBJ1	240	Before	Interior Girder 6	80	0.95	1	1	31.137387
Lane_str_opr	BOBJ1	240	Before	Right Exterior Girder	80	0.95	1	1	37.883183
Lane_str_inv	BOBJ1	0	After	Left Exterior Girder	0	0.95	1	1	29.27499
Lane_str_inv	BOBJ1	0	After	Interior Girder 1	0	0.95	1	1	26.248827
Lane_str_inv	BOBJ1	0	After	Interior Girder 2	0	0.95	1	1	26.219452
Lane_str_inv	BOBJ1	0	After	Interior Girder 3	0	0.95	1	1	25.647384
Lane_str_inv	BOBJ1	0	After	Interior Girder 4	0	0.95	1	1	25.619055
Lane_str_inv	BOBJ1	0	After	Interior Girder 5	0	0.95	1	1	25.870928
Lane_str_inv	BOBJ1	0	After	Interior Girder 6	0	0.95	1	1	26.482782
Lane_str_inv	BOBJ1	0	After	Right Exterior Girder	0	0.95	1	1	29.39027
Lane_str_inv	BOBJ1	8	Before	Left Exterior Girder	8	0.95	1	1	29.712557
Lane_str_inv	BOBJ1	8	Before	Interior Girder 1	8	0.95	1	1	26.779377
Lane_str_inv	BOBJ1	8	Before	Interior Girder 2	8	0.95	1	1	26.74644
Lane_str_inv	BOBJ1	8	Before	Interior Girder 3	8	0.95	1	1	26.165229
Lane_str_inv	BOBJ1	8	Before	Interior Girder 4	8	0.95	1	1	26.136328
Lane_str_inv	BOBJ1	8	Before	Interior Girder 5	8	0.95	1	1	26.390911
Lane_str_inv	BOBJ1	8	Before	Interior Girder 6	8	0.95	1	1	27.018061
Lane_str_inv	BOBJ1	8	Before	Right Exterior Girder	8	0.95	1	1	29.82956
Lane_str_inv	BOBJ1	8	After	Left Exterior Girder	8	0.95	1	1	33.218282
Lane_str_inv	BOBJ1	8	After	Interior Girder 1	8	0.95	1	1	36.696259
Lane_str_inv	BOBJ1	8	After	Interior Girder 2	8	0.95	1	1	33.927216
Lane_str_inv	BOBJ1	8	After	Interior Girder 3	8	0.95	1	1	34.273486
Lane_str_inv	BOBJ1	8	After	Interior Girder 4	8	0.95	1	1	34.480663
Lane_str_inv	BOBJ1	8	After	Interior Girder 5	8	0.95	1	1	34.621803
Lane_str_inv	BOBJ1	8	After	Interior Girder 6	8	0.95	1	1	36.542505
Lane_str_inv	BOBJ1	8	After	Right Exterior Girder	8	0.95	1	1	33.42107
Lane_str_inv	BOBJ1	16	Before	Left Exterior Girder	16	0.95	1	1	33.695891
Lane_str_inv	BOBJ1	16	Before	Interior Girder 1	16	0.95	1	1	37.419921
Lane_str_inv	BOBJ1	16	Before	Interior Girder 2	16	0.95	1	1	34.591908
Lane_str_inv	BOBJ1	16	Before	Interior Girder 3	16	0.95	1	1	34.946665
Lane_str_inv	BOBJ1	16	Before	Interior Girder 4	16	0.95	1	1	35.157911
Lane_str_inv	BOBJ1	16	Before	Interior Girder 5	16	0.95	1	1	35.300104
Lane_str_inv	BOBJ1	16	Before	Interior Girder 6	16	0.95	1	1	37.263135
Lane_str_inv	BOBJ1	16	Before	Right Exterior Girder	16	0.95	1	1	33.901594
Lane_str_inv	BOBJ1	16	After	Left Exterior Girder	16	0.95	1	1	51.30633
Lane_str_inv	BOBJ1	16	After	Interior Girder 1	16	0.95	1	1	47.820904
Lane_str_inv	BOBJ1	16	After	Interior Girder 2	16	0.95	1	1	43.718203
Lane_str_inv	BOBJ1	16	After	Interior Girder 3	16	0.95	1	1	45.141044
Lane_str_inv	BOBJ1	16	After	Interior Girder 4	16	0.95	1	1	46.18326
Lane_str_inv	BOBJ1	16	After	Interior Girder 5	16	0.95	1	1	44.323906
Lane_str_inv	BOBJ1	16	After	Interior Girder 6	16	0.95	1	1	48.928836
Lane_str_inv	BOBJ1	16	After	Right Exterior Girder	16	0.95	1	1	51.41553
Lane_str_inv	BOBJ1	20.5	Before	Left Exterior Girder	20.5	0.95	1	1	51.710912
Lane_str_inv	BOBJ1	20.5	Before	Right Exterior Girder	20.5	0.95	1	1	51.820972
Lane_str_inv	BOBJ1	20.5	After	Left Exterior Girder	20.5	0.95	1	1	55.034289
Lane_str_inv	BOBJ1	20.5	After	Right Exterior Girder	20.5	0.95	1	1	55.187257
Lane_str_inv	BOBJ1	24	Before	Left Exterior Girder	24	0.95	1	1	55.402033
Lane_str_inv	BOBJ1	24	Before	Interior Girder 1	24	0.95	1	1	47.865929
Lane_str_inv	BOBJ1	24	Before	Interior Girder 2	24	0.95	1	1	44.554399
Lane_str_inv	BOBJ1	24	Before	Interior Girder 3	24	0.95	1	1	46.002595
Lane_str_inv	BOBJ1	24	Before	Interior Girder 4	24	0.95	1	1	47.064703
Lane_str_inv	BOBJ1	24	Before	Interior Girder 5	24	0.95	1	1	45.171687
Lane_str_inv	BOBJ1	24	Before	Interior Girder 6	24	0.95	1	1	48.922287
Lane_str_inv	BOBJ1	24	Before	Right Exterior Girder	24	0.95	1	1	55.556023
Lane_str_inv	BOBJ1	24	After	Left Exterior Girder	24	0.95	1	1	64.343298
Lane_str_inv	BOBJ1	24	After	Interior Girder 1	24	0.95	1	1	68.547477
Lane_str_inv	BOBJ1	24	After	Interior Girder 2	24	0.95	1	1	59.864669
Lane_str_inv	BOBJ1	24	After	Interior Girder 3	24	0.95	1	1	63.632974
Lane_str_inv	BOBJ1	24	After	Interior Girder 4	24	0.95	1	1	65.07885
Lane_str_inv	BOBJ1	24	After	Interior Girder 5	24	0.95	1	1	62.14308
Lane_str_inv	BOBJ1	24	After	Interior Girder 6	24	0.95	1	1	69.105162
Lane_str_inv	BOBJ1	24	After	Right Exterior Girder	24	0.95	1	1	64.675135
Lane_str_inv	BOBJ1	32	Before	Left Exterior Girder	32	0.95	1	1	65.304501
Lane_str_inv	BOBJ1	32	Before	Interior Girder 1	32	0.95	1	1	69.824634
Lane_str_inv	BOBJ1	32	Before	Interior Girder 2	32	0.95	1	1	60.980488

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Approach, Span 4-6									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Lane_str_inv	BOBJ1	32	Before	Interior Girder 3	32	0.95	1	1	64.817324
Lane_str_inv	BOBJ1	32	Before	Interior Girder 4	32	0.95	1	1	66.290111
Lane_str_inv	BOBJ1	32	Before	Interior Girder 5	32	0.95	1	1	63.301366
Lane_str_inv	BOBJ1	32	Before	Interior Girder 6	32	0.95	1	1	70.39271
Lane_str_inv	BOBJ1	32	Before	Right Exterior Girder	32	0.95	1	1	65.641295
Lane_str_inv	BOBJ1	32	After	Left Exterior Girder	32	0.95	1	1	79.58228
Lane_str_inv	BOBJ1	32	After	Interior Girder 1	32	0.95	1	1	66.893215
Lane_str_inv	BOBJ1	32	After	Interior Girder 2	32	0.95	1	1	57.506204
Lane_str_inv	BOBJ1	32	After	Interior Girder 3	32	0.95	1	1	60.292376
Lane_str_inv	BOBJ1	32	After	Interior Girder 4	32	0.95	1	1	61.742065
Lane_str_inv	BOBJ1	32	After	Interior Girder 5	32	0.95	1	1	59.391516
Lane_str_inv	BOBJ1	32	After	Interior Girder 6	32	0.95	1	1	67.713885
Lane_str_inv	BOBJ1	32	After	Right Exterior Girder	32	0.95	1	1	80.249034
Lane_str_inv	BOBJ1	40	Before	Left Exterior Girder	40	0.95	1	1	78.410965
Lane_str_inv	BOBJ1	40	Before	Interior Girder 1	40	0.95	1	1	65.671298
Lane_str_inv	BOBJ1	40	Before	Interior Girder 2	40	0.95	1	1	56.455515
Lane_str_inv	BOBJ1	40	Before	Interior Girder 3	40	0.95	1	1	59.192248
Lane_str_inv	BOBJ1	40	Before	Interior Girder 4	40	0.95	1	1	60.615485
Lane_str_inv	BOBJ1	40	Before	Interior Girder 5	40	0.95	1	1	58.306381
Lane_str_inv	BOBJ1	40	Before	Interior Girder 6	40	0.95	1	1	66.476977
Lane_str_inv	BOBJ1	40	Before	Right Exterior Girder	40	0.95	1	1	79.067906
Lane_str_inv	BOBJ1	40	After	Left Exterior Girder	40	0.95	1	1	65.906557
Lane_str_inv	BOBJ1	40	After	Interior Girder 1	40	0.95	1	1	45.757571
Lane_str_inv	BOBJ1	40	After	Interior Girder 2	40	0.95	1	1	42.455506
Lane_str_inv	BOBJ1	40	After	Interior Girder 3	40	0.95	1	1	43.125378
Lane_str_inv	BOBJ1	40	After	Interior Girder 4	40	0.95	1	1	43.983557
Lane_str_inv	BOBJ1	40	After	Interior Girder 5	40	0.95	1	1	42.928992
Lane_str_inv	BOBJ1	40	After	Interior Girder 6	40	0.95	1	1	46.77187
Lane_str_inv	BOBJ1	40	After	Right Exterior Girder	40	0.95	1	1	66.176233
Lane_str_inv	BOBJ1	46.5	Before	Left Exterior Girder	46.5	0.95	1	1	65.090574
Lane_str_inv	BOBJ1	46.5	Before	Right Exterior Girder	46.5	0.95	1	1	65.356911
Lane_str_inv	BOBJ1	46.5	After	Left Exterior Girder	46.5	0.95	1	1	49.426387
Lane_str_inv	BOBJ1	46.5	After	Right Exterior Girder	46.5	0.95	1	1	49.563032
Lane_str_inv	BOBJ1	48	Before	Left Exterior Girder	48	0.95	1	1	49.294558
Lane_str_inv	BOBJ1	48	Before	Interior Girder 1	48	0.95	1	1	54.234894
Lane_str_inv	BOBJ1	48	Before	Interior Girder 2	48	0.95	1	1	41.659834
Lane_str_inv	BOBJ1	48	Before	Interior Girder 3	48	0.95	1	1	42.318937
Lane_str_inv	BOBJ1	48	Before	Interior Girder 4	48	0.95	1	1	43.161068
Lane_str_inv	BOBJ1	48	Before	Interior Girder 5	48	0.95	1	1	42.124445
Lane_str_inv	BOBJ1	48	Before	Interior Girder 6	48	0.95	1	1	55.513265
Lane_str_inv	BOBJ1	48	Before	Right Exterior Girder	48	0.95	1	1	49.430838
Lane_str_inv	BOBJ1	48	After	Left Exterior Girder	48	0.95	1	1	36.809549
Lane_str_inv	BOBJ1	48	After	Interior Girder 1	48	0.95	1	1	37.931237
Lane_str_inv	BOBJ1	48	After	Interior Girder 2	48	0.95	1	1	33.157792
Lane_str_inv	BOBJ1	48	After	Interior Girder 3	48	0.95	1	1	33.674078
Lane_str_inv	BOBJ1	48	After	Interior Girder 4	48	0.95	1	1	34.111817
Lane_str_inv	BOBJ1	48	After	Interior Girder 5	48	0.95	1	1	33.785477
Lane_str_inv	BOBJ1	48	After	Interior Girder 6	48	0.95	1	1	37.971883
Lane_str_inv	BOBJ1	48	After	Right Exterior Girder	48	0.95	1	1	37.032856
Lane_str_inv	BOBJ1	56	Before	Left Exterior Girder	56	0.95	1	1	36.288293
Lane_str_inv	BOBJ1	56	Before	Interior Girder 1	56	0.95	1	1	37.198048
Lane_str_inv	BOBJ1	56	Before	Interior Girder 2	56	0.95	1	1	32.520548
Lane_str_inv	BOBJ1	56	Before	Interior Girder 3	56	0.95	1	1	33.027134
Lane_str_inv	BOBJ1	56	Before	Interior Girder 4	56	0.95	1	1	33.456463
Lane_str_inv	BOBJ1	56	Before	Interior Girder 5	56	0.95	1	1	33.13617
Lane_str_inv	BOBJ1	56	Before	Interior Girder 6	56	0.95	1	1	37.237908
Lane_str_inv	BOBJ1	56	Before	Right Exterior Girder	56	0.95	1	1	36.508438
Lane_str_inv	BOBJ1	56	After	Left Exterior Girder	56	0.95	1	1	33.418077
Lane_str_inv	BOBJ1	56	After	Interior Girder 1	56	0.95	1	1	28.641839
Lane_str_inv	BOBJ1	56	After	Interior Girder 2	56	0.95	1	1	27.82359
Lane_str_inv	BOBJ1	56	After	Interior Girder 3	56	0.95	1	1	27.359649
Lane_str_inv	BOBJ1	56	After	Interior Girder 4	56	0.95	1	1	27.367898
Lane_str_inv	BOBJ1	56	After	Interior Girder 5	56	0.95	1	1	27.423952
Lane_str_inv	BOBJ1	56	After	Interior Girder 6	56	0.95	1	1	28.840933
Lane_str_inv	BOBJ1	56	After	Right Exterior Girder	56	0.95	1	1	33.580299

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Approach, Span 4-6									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Lane_str_inv	BOBJ1	59	Before	Interior Girder 1	59	0.95	1	1	28.428712
Lane_str_inv	BOBJ1	59	Before	Interior Girder 2	59	0.95	1	1	27.618245
Lane_str_inv	BOBJ1	59	Before	Interior Girder 3	59	0.95	1	1	27.157728
Lane_str_inv	BOBJ1	59	Before	Interior Girder 4	59	0.95	1	1	27.165916
Lane_str_inv	BOBJ1	59	Before	Interior Girder 5	59	0.95	1	1	27.221556
Lane_str_inv	BOBJ1	59	Before	Interior Girder 6	59	0.95	1	1	28.626325
Lane_str_inv	BOBJ1	59	After	Interior Girder 1	59	0.95	1	1	19.536215
Lane_str_inv	BOBJ1	59	After	Interior Girder 2	59	0.95	1	1	19.00621
Lane_str_inv	BOBJ1	59	After	Interior Girder 3	59	0.95	1	1	18.465997
Lane_str_inv	BOBJ1	59	After	Interior Girder 4	59	0.95	1	1	18.544721
Lane_str_inv	BOBJ1	59	After	Interior Girder 5	59	0.95	1	1	18.809123
Lane_str_inv	BOBJ1	59	After	Interior Girder 6	59	0.95	1	1	19.779414
Lane_str_inv	BOBJ1	64	Before	Left Exterior Girder	64	0.95	1	1	31.088353
Lane_str_inv	BOBJ1	64	Before	Interior Girder 1	64	0.95	1	1	19.251112
Lane_str_inv	BOBJ1	64	Before	Interior Girder 2	64	0.95	1	1	18.730719
Lane_str_inv	BOBJ1	64	Before	Interior Girder 3	64	0.95	1	1	18.198027
Lane_str_inv	BOBJ1	64	Before	Interior Girder 4	64	0.95	1	1	18.275608
Lane_str_inv	BOBJ1	64	Before	Interior Girder 5	64	0.95	1	1	18.536488
Lane_str_inv	BOBJ1	64	Before	Interior Girder 6	64	0.95	1	1	19.490763
Lane_str_inv	BOBJ1	64	Before	Right Exterior Girder	64	0.95	1	1	31.200856
Lane_str_inv	BOBJ1	64	After	Left Exterior Girder	64	0.95	1	1	22.650661
Lane_str_inv	BOBJ1	64	After	Interior Girder 1	64	0.95	1	1	18.385874
Lane_str_inv	BOBJ1	64	After	Interior Girder 2	64	0.95	1	1	17.134421
Lane_str_inv	BOBJ1	64	After	Interior Girder 3	64	0.95	1	1	15.036466
Lane_str_inv	BOBJ1	64	After	Interior Girder 4	64	0.95	1	1	15.027737
Lane_str_inv	BOBJ1	64	After	Interior Girder 5	64	0.95	1	1	17.184969
Lane_str_inv	BOBJ1	64	After	Interior Girder 6	64	0.95	1	1	18.358069
Lane_str_inv	BOBJ1	64	After	Right Exterior Girder	64	0.95	1	1	22.801526
Lane_str_inv	BOBJ1	69	Before	Interior Girder 1	69	0.95	1	1	18.112791
Lane_str_inv	BOBJ1	69	Before	Interior Girder 2	69	0.95	1	1	16.883848
Lane_str_inv	BOBJ1	69	Before	Interior Girder 3	69	0.95	1	1	14.81068
Lane_str_inv	BOBJ1	69	Before	Interior Girder 4	69	0.95	1	1	14.802081
Lane_str_inv	BOBJ1	69	Before	Interior Girder 5	69	0.95	1	1	16.933657
Lane_str_inv	BOBJ1	69	Before	Interior Girder 6	69	0.95	1	1	18.085399
Lane_str_inv	BOBJ1	69	After	Interior Girder 1	69	0.95	1	1	15.620531
Lane_str_inv	BOBJ1	69	After	Interior Girder 2	69	0.95	1	1	15.489849
Lane_str_inv	BOBJ1	69	After	Interior Girder 3	69	0.95	1	1	13.276585
Lane_str_inv	BOBJ1	69	After	Interior Girder 4	69	0.95	1	1	13.237239
Lane_str_inv	BOBJ1	69	After	Interior Girder 5	69	0.95	1	1	15.305468
Lane_str_inv	BOBJ1	69	After	Interior Girder 6	69	0.95	1	1	15.681101
Lane_str_inv	BOBJ1	72	Before	Left Exterior Girder	72	0.95	1	1	15.126153
Lane_str_inv	BOBJ1	72	Before	Interior Girder 1	72	0.95	1	1	15.460697
Lane_str_inv	BOBJ1	72	Before	Interior Girder 2	72	0.95	1	1	15.334419
Lane_str_inv	BOBJ1	72	Before	Interior Girder 3	72	0.95	1	1	13.139327
Lane_str_inv	BOBJ1	72	Before	Interior Girder 4	72	0.95	1	1	13.100388
Lane_str_inv	BOBJ1	72	Before	Interior Girder 5	72	0.95	1	1	15.151888
Lane_str_inv	BOBJ1	72	Before	Interior Girder 6	72	0.95	1	1	15.520647
Lane_str_inv	BOBJ1	72	Before	Right Exterior Girder	72	0.95	1	1	15.21976
Lane_str_inv	BOBJ1	72	After	Left Exterior Girder	72	0.95	1	1	14.102744
Lane_str_inv	BOBJ1	72	After	Interior Girder 1	72	0.95	1	1	20.743945
Lane_str_inv	BOBJ1	72	After	Interior Girder 2	72	0.95	1	1	13.707487
Lane_str_inv	BOBJ1	72	After	Interior Girder 3	72	0.95	1	1	11.422496
Lane_str_inv	BOBJ1	72	After	Interior Girder 4	72	0.95	1	1	11.40224
Lane_str_inv	BOBJ1	72	After	Interior Girder 5	72	0.95	1	1	13.506259
Lane_str_inv	BOBJ1	72	After	Interior Girder 6	72	0.95	1	1	21.041705
Lane_str_inv	BOBJ1	72	After	Right Exterior Girder	72	0.95	1	1	14.17445
Lane_str_inv	BOBJ1	72.5	Before	Left Exterior Girder	72.5	0.95	1	1	14.087646
Lane_str_inv	BOBJ1	72.5	Before	Right Exterior Girder	72.5	0.95	1	1	14.159276
Lane_str_inv	BOBJ1	72.5	After	Left Exterior Girder	72.5	0.95	1	1	19.587594
Lane_str_inv	BOBJ1	72.5	After	Right Exterior Girder	72.5	0.95	1	1	19.671191
Lane_str_inv	BOBJ1	80	Before	Left Exterior Girder	80	0.95	1	1	19.248949
Lane_str_inv	BOBJ1	80	Before	Interior Girder 1	80	0.95	1	1	13.244471
Lane_str_inv	BOBJ1	80	Before	Interior Girder 2	80	0.95	1	1	13.33563
Lane_str_inv	BOBJ1	80	Before	Interior Girder 3	80	0.95	1	1	11.101406
Lane_str_inv	BOBJ1	80	Before	Interior Girder 4	80	0.95	1	1	11.081719

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Approach, Span 4-(									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Lane_str_inv	BOBJ1	80	Before	Interior Girder 5	80	0.95	1	1	13.139861
Lane_str_inv	BOBJ1	80	Before	Interior Girder 6	80	0.95	1	1	13.391711
Lane_str_inv	BOBJ1	80	Before	Right Exterior Girder	80	0.95	1	1	19.331101
Lane_str_inv	BOBJ1	80	After	Left Exterior Girder	0	0.95	1	1	22.175615
Lane_str_inv	BOBJ1	80	After	Interior Girder 1	0	0.95	1	1	14.87237
Lane_str_inv	BOBJ1	80	After	Interior Girder 2	0	0.95	1	1	14.932578
Lane_str_inv	BOBJ1	80	After	Interior Girder 3	0	0.95	1	1	12.312321
Lane_str_inv	BOBJ1	80	After	Interior Girder 4	0	0.95	1	1	12.291672
Lane_str_inv	BOBJ1	80	After	Interior Girder 5	0	0.95	1	1	14.701413
Lane_str_inv	BOBJ1	80	After	Interior Girder 6	0	0.95	1	1	15.047833
Lane_str_inv	BOBJ1	80	After	Right Exterior Girder	0	0.95	1	1	22.280472
Lane_str_inv	BOBJ1	87.5	Before	Left Exterior Girder	7.5	0.95	1	1	22.547928
Lane_str_inv	BOBJ1	87.5	Before	Right Exterior Girder	7.5	0.95	1	1	22.654546
Lane_str_inv	BOBJ1	87.5	After	Left Exterior Girder	7.5	0.95	1	1	18.142409
Lane_str_inv	BOBJ1	87.5	After	Right Exterior Girder	7.5	0.95	1	1	18.239876
Lane_str_inv	BOBJ1	88	Before	Left Exterior Girder	8	0.95	1	1	18.160245
Lane_str_inv	BOBJ1	88	Before	Interior Girder 1	8	0.95	1	1	20.123561
Lane_str_inv	BOBJ1	88	Before	Interior Girder 2	8	0.95	1	1	15.330764
Lane_str_inv	BOBJ1	88	Before	Interior Girder 3	8	0.95	1	1	12.652459
Lane_str_inv	BOBJ1	88	Before	Interior Girder 4	8	0.95	1	1	12.63124
Lane_str_inv	BOBJ1	88	Before	Interior Girder 5	8	0.95	1	1	15.093435
Lane_str_inv	BOBJ1	88	Before	Interior Girder 6	8	0.95	1	1	20.411537
Lane_str_inv	BOBJ1	88	Before	Right Exterior Girder	8	0.95	1	1	18.257808
Lane_str_inv	BOBJ1	88	After	Left Exterior Girder	8	0.95	1	1	19.433761
Lane_str_inv	BOBJ1	88	After	Interior Girder 1	8	0.95	1	1	17.719413
Lane_str_inv	BOBJ1	88	After	Interior Girder 2	8	0.95	1	1	17.27218
Lane_str_inv	BOBJ1	88	After	Interior Girder 3	8	0.95	1	1	14.673699
Lane_str_inv	BOBJ1	88	After	Interior Girder 4	8	0.95	1	1	14.630793
Lane_str_inv	BOBJ1	88	After	Interior Girder 5	8	0.95	1	1	17.055979
Lane_str_inv	BOBJ1	88	After	Interior Girder 6	8	0.95	1	1	17.790815
Lane_str_inv	BOBJ1	88	After	Right Exterior Girder	8	0.95	1	1	19.563659
Lane_str_inv	BOBJ1	91	Before	Interior Girder 1	11	0.95	1	1	17.893911
Lane_str_inv	BOBJ1	91	Before	Interior Girder 2	11	0.95	1	1	17.439849
Lane_str_inv	BOBJ1	91	Before	Interior Girder 3	11	0.95	1	1	14.820348
Lane_str_inv	BOBJ1	91	Before	Interior Girder 4	11	0.95	1	1	14.777013
Lane_str_inv	BOBJ1	91	Before	Interior Girder 5	11	0.95	1	1	17.221549
Lane_str_inv	BOBJ1	91	Before	Interior Girder 6	11	0.95	1	1	17.966017
Lane_str_inv	BOBJ1	91	After	Interior Girder 1	11	0.95	1	1	20.630744
Lane_str_inv	BOBJ1	91	After	Interior Girder 2	11	0.95	1	1	19.09901
Lane_str_inv	BOBJ1	91	After	Interior Girder 3	11	0.95	1	1	16.629167
Lane_str_inv	BOBJ1	91	After	Interior Girder 4	11	0.95	1	1	16.626067
Lane_str_inv	BOBJ1	91	After	Interior Girder 5	11	0.95	1	1	19.169757
Lane_str_inv	BOBJ1	91	After	Interior Girder 6	11	0.95	1	1	20.597927
Lane_str_inv	BOBJ1	96	Before	Left Exterior Girder	16	0.95	1	1	26.324429
Lane_str_inv	BOBJ1	96	Before	Interior Girder 1	16	0.95	1	1	20.928029
Lane_str_inv	BOBJ1	96	Before	Interior Girder 2	16	0.95	1	1	19.370649
Lane_str_inv	BOBJ1	96	Before	Interior Girder 3	16	0.95	1	1	16.871871
Lane_str_inv	BOBJ1	96	Before	Interior Girder 4	16	0.95	1	1	16.868725
Lane_str_inv	BOBJ1	96	Before	Interior Girder 5	16	0.95	1	1	19.442402
Lane_str_inv	BOBJ1	96	Before	Interior Girder 6	16	0.95	1	1	20.894739
Lane_str_inv	BOBJ1	96	Before	Right Exterior Girder	16	0.95	1	1	26.510695
Lane_str_inv	BOBJ1	96	After	Left Exterior Girder	16	0.95	1	1	26.725541
Lane_str_inv	BOBJ1	96	After	Interior Girder 1	16	0.95	1	1	23.544562
Lane_str_inv	BOBJ1	96	After	Interior Girder 2	16	0.95	1	1	22.44398
Lane_str_inv	BOBJ1	96	After	Interior Girder 3	16	0.95	1	1	22.275269
Lane_str_inv	BOBJ1	96	After	Interior Girder 4	16	0.95	1	1	22.493896
Lane_str_inv	BOBJ1	96	After	Interior Girder 5	16	0.95	1	1	22.489076
Lane_str_inv	BOBJ1	96	After	Interior Girder 6	16	0.95	1	1	23.862442
Lane_str_inv	BOBJ1	96	After	Right Exterior Girder	16	0.95	1	1	26.840599
Lane_str_inv	BOBJ1	104	Before	Left Exterior Girder	24	0.95	1	1	27.172547
Lane_str_inv	BOBJ1	104	Before	Interior Girder 1	24	0.95	1	1	24.077377
Lane_str_inv	BOBJ1	104	Before	Interior Girder 2	24	0.95	1	1	22.95005
Lane_str_inv	BOBJ1	104	Before	Interior Girder 3	24	0.95	1	1	22.77747
Lane_str_inv	BOBJ1	104	Before	Interior Girder 4	24	0.95	1	1	23.001025
Lane_str_inv	BOBJ1	104	Before	Interior Girder 5	24	0.95	1	1	22.996163

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Approach, Span 4-6									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Lane_str_inv	BOBJ1	104	Before	Interior Girder 6	24	0.95	1	1	24.402451
Lane_str_inv	BOBJ1	104	Before	Right Exterior Girder	24	0.95	1	1	27.28953
Lane_str_inv	BOBJ1	104	After	Left Exterior Girder	24	0.95	1	1	31.289733
Lane_str_inv	BOBJ1	104	After	Interior Girder 1	24	0.95	1	1	32.653702
Lane_str_inv	BOBJ1	104	After	Interior Girder 2	24	0.95	1	1	28.873092
Lane_str_inv	BOBJ1	104	After	Interior Girder 3	24	0.95	1	1	29.688866
Lane_str_inv	BOBJ1	104	After	Interior Girder 4	24	0.95	1	1	30.134542
Lane_str_inv	BOBJ1	104	After	Interior Girder 5	24	0.95	1	1	29.500986
Lane_str_inv	BOBJ1	104	After	Interior Girder 6	24	0.95	1	1	32.74282
Lane_str_inv	BOBJ1	104	After	Right Exterior Girder	24	0.95	1	1	31.485163
Lane_str_inv	BOBJ1	112	Before	Left Exterior Girder	32	0.95	1	1	31.788349
Lane_str_inv	BOBJ1	112	Before	Interior Girder 1	32	0.95	1	1	33.372022
Lane_str_inv	BOBJ1	112	Before	Interior Girder 2	32	0.95	1	1	29.504609
Lane_str_inv	BOBJ1	112	Before	Interior Girder 3	32	0.95	1	1	30.337743
Lane_str_inv	BOBJ1	112	Before	Interior Girder 4	32	0.95	1	1	30.793159
Lane_str_inv	BOBJ1	112	Before	Interior Girder 5	32	0.95	1	1	30.146236
Lane_str_inv	BOBJ1	112	Before	Interior Girder 6	32	0.95	1	1	33.463101
Lane_str_inv	BOBJ1	112	Before	Right Exterior Girder	32	0.95	1	1	31.986893
Lane_str_inv	BOBJ1	112	After	Left Exterior Girder	32	0.95	1	1	58.421701
Lane_str_inv	BOBJ1	112	After	Interior Girder 1	32	0.95	1	1	38.15213
Lane_str_inv	BOBJ1	112	After	Interior Girder 2	32	0.95	1	1	37.145538
Lane_str_inv	BOBJ1	112	After	Interior Girder 3	32	0.95	1	1	38.219779
Lane_str_inv	BOBJ1	112	After	Interior Girder 4	32	0.95	1	1	39.038523
Lane_str_inv	BOBJ1	112	After	Interior Girder 5	32	0.95	1	1	37.639049
Lane_str_inv	BOBJ1	112	After	Interior Girder 6	32	0.95	1	1	38.919167
Lane_str_inv	BOBJ1	112	After	Right Exterior Girder	32	0.95	1	1	58.816886
Lane_str_inv	BOBJ1	120	Before	Left Exterior Girder	40	0.95	1	1	59.316445
Lane_str_inv	BOBJ1	120	Before	Interior Girder 1	40	0.95	1	1	38.960447
Lane_str_inv	BOBJ1	120	Before	Interior Girder 2	40	0.95	1	1	37.93334
Lane_str_inv	BOBJ1	120	Before	Interior Girder 3	40	0.95	1	1	39.029921
Lane_str_inv	BOBJ1	120	Before	Interior Girder 4	40	0.95	1	1	39.866019
Lane_str_inv	BOBJ1	120	Before	Interior Girder 5	40	0.95	1	1	38.437318
Lane_str_inv	BOBJ1	120	Before	Interior Girder 6	40	0.95	1	1	39.743735
Lane_str_inv	BOBJ1	120	Before	Right Exterior Girder	40	0.95	1	1	59.717682
Lane_str_inv	BOBJ1	120	After	Left Exterior Girder	40	0.95	1	1	59.577231
Lane_str_inv	BOBJ1	120	After	Interior Girder 1	40	0.95	1	1	38.979402
Lane_str_inv	BOBJ1	120	After	Interior Girder 2	40	0.95	1	1	38.089196
Lane_str_inv	BOBJ1	120	After	Interior Girder 3	40	0.95	1	1	39.328667
Lane_str_inv	BOBJ1	120	After	Interior Girder 4	40	0.95	1	1	40.173164
Lane_str_inv	BOBJ1	120	After	Interior Girder 5	40	0.95	1	1	38.598439
Lane_str_inv	BOBJ1	120	After	Interior Girder 6	40	0.95	1	1	39.764144
Lane_str_inv	BOBJ1	120	After	Right Exterior Girder	40	0.95	1	1	59.999341
Lane_str_inv	BOBJ1	128	Before	Left Exterior Girder	48	0.95	1	1	58.680542
Lane_str_inv	BOBJ1	128	Before	Interior Girder 1	48	0.95	1	1	38.171361
Lane_str_inv	BOBJ1	128	Before	Interior Girder 2	48	0.95	1	1	37.298758
Lane_str_inv	BOBJ1	128	Before	Interior Girder 3	48	0.95	1	1	38.512768
Lane_str_inv	BOBJ1	128	Before	Interior Girder 4	48	0.95	1	1	39.339746
Lane_str_inv	BOBJ1	128	Before	Interior Girder 5	48	0.95	1	1	37.797433
Lane_str_inv	BOBJ1	128	Before	Interior Girder 6	48	0.95	1	1	38.939835
Lane_str_inv	BOBJ1	128	Before	Right Exterior Girder	48	0.95	1	1	59.096299
Lane_str_inv	BOBJ1	128	After	Left Exterior Girder	48	0.95	1	1	32.224716
Lane_str_inv	BOBJ1	128	After	Interior Girder 1	48	0.95	1	1	33.470183
Lane_str_inv	BOBJ1	128	After	Interior Girder 2	48	0.95	1	1	29.692703
Lane_str_inv	BOBJ1	128	After	Interior Girder 3	48	0.95	1	1	30.75475
Lane_str_inv	BOBJ1	128	After	Interior Girder 4	48	0.95	1	1	31.225173
Lane_str_inv	BOBJ1	128	After	Interior Girder 5	48	0.95	1	1	30.345407
Lane_str_inv	BOBJ1	128	After	Interior Girder 6	48	0.95	1	1	33.567273
Lane_str_inv	BOBJ1	128	After	Right Exterior Girder	48	0.95	1	1	32.423112
Lane_str_inv	BOBJ1	136	Before	Left Exterior Girder	56	0.95	1	1	31.7206
Lane_str_inv	BOBJ1	136	Before	Interior Girder 1	56	0.95	1	1	32.750179
Lane_str_inv	BOBJ1	136	Before	Interior Girder 2	56	0.95	1	1	29.057408
Lane_str_inv	BOBJ1	136	Before	Interior Girder 3	56	0.95	1	1	30.097521
Lane_str_inv	BOBJ1	136	Before	Interior Girder 4	56	0.95	1	1	30.557892
Lane_str_inv	BOBJ1	136	Before	Interior Girder 5	56	0.95	1	1	29.696148
Lane_str_inv	BOBJ1	136	Before	Interior Girder 6	56	0.95	1	1	32.84518

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Approach, Span 4-(									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Lane_str_inv	BOBJ1	136	Before	Right Exterior Girder	56	0.95	1	1	31.915892
Lane_str_inv	BOBJ1	136	After	Left Exterior Girder	56	0.95	1	1	27.572516
Lane_str_inv	BOBJ1	136	After	Interior Girder 1	56	0.95	1	1	24.177479
Lane_str_inv	BOBJ1	136	After	Interior Girder 2	56	0.95	1	1	23.088849
Lane_str_inv	BOBJ1	136	After	Interior Girder 3	56	0.95	1	1	23.074557
Lane_str_inv	BOBJ1	136	After	Interior Girder 4	56	0.95	1	1	23.307565
Lane_str_inv	BOBJ1	136	After	Interior Girder 5	56	0.95	1	1	23.142771
Lane_str_inv	BOBJ1	136	After	Interior Girder 6	56	0.95	1	1	24.507025
Lane_str_inv	BOBJ1	136	After	Right Exterior Girder	56	0.95	1	1	27.688596
Lane_str_inv	BOBJ1	144	Before	Left Exterior Girder	64	0.95	1	1	27.120262
Lane_str_inv	BOBJ1	144	Before	Interior Girder 1	64	0.95	1	1	23.642719
Lane_str_inv	BOBJ1	144	Before	Interior Girder 2	64	0.95	1	1	22.579857
Lane_str_inv	BOBJ1	144	Before	Interior Girder 3	64	0.95	1	1	22.566305
Lane_str_inv	BOBJ1	144	Before	Interior Girder 4	64	0.95	1	1	22.794181
Lane_str_inv	BOBJ1	144	Before	Interior Girder 5	64	0.95	1	1	22.63259
Lane_str_inv	BOBJ1	144	Before	Interior Girder 6	64	0.95	1	1	23.964977
Lane_str_inv	BOBJ1	144	Before	Right Exterior Girder	64	0.95	1	1	27.234437
Lane_str_inv	BOBJ1	144	After	Left Exterior Girder	64	0.95	1	1	24.707486
Lane_str_inv	BOBJ1	144	After	Interior Girder 1	64	0.95	1	1	20.785513
Lane_str_inv	BOBJ1	144	After	Interior Girder 2	64	0.95	1	1	19.279952
Lane_str_inv	BOBJ1	144	After	Interior Girder 3	64	0.95	1	1	16.98725
Lane_str_inv	BOBJ1	144	After	Interior Girder 4	64	0.95	1	1	16.997909
Lane_str_inv	BOBJ1	144	After	Interior Girder 5	64	0.95	1	1	19.373368
Lane_str_inv	BOBJ1	144	After	Interior Girder 6	64	0.95	1	1	20.770279
Lane_str_inv	BOBJ1	144	After	Right Exterior Girder	64	0.95	1	1	24.879726
Lane_str_inv	BOBJ1	150	Before	Interior Girder 1	70	0.95	1	1	20.431011
Lane_str_inv	BOBJ1	150	Before	Interior Girder 2	70	0.95	1	1	18.955098
Lane_str_inv	BOBJ1	150	Before	Interior Girder 3	70	0.95	1	1	16.694426
Lane_str_inv	BOBJ1	150	Before	Interior Girder 4	70	0.95	1	1	16.704901
Lane_str_inv	BOBJ1	150	Before	Interior Girder 5	70	0.95	1	1	19.046939
Lane_str_inv	BOBJ1	150	Before	Interior Girder 6	70	0.95	1	1	20.416037
Lane_str_inv	BOBJ1	150	After	Interior Girder 1	70	0.95	1	1	16.637907
Lane_str_inv	BOBJ1	150	After	Interior Girder 2	70	0.95	1	1	17.209742
Lane_str_inv	BOBJ1	150	After	Interior Girder 3	70	0.95	1	1	14.68933
Lane_str_inv	BOBJ1	150	After	Interior Girder 4	70	0.95	1	1	14.652514
Lane_str_inv	BOBJ1	150	After	Interior Girder 5	70	0.95	1	1	16.979486
Lane_str_inv	BOBJ1	150	After	Interior Girder 6	70	0.95	1	1	16.7198
Lane_str_inv	BOBJ1	152	Before	Left Exterior Girder	72	0.95	1	1	23.628277
Lane_str_inv	BOBJ1	152	Before	Interior Girder 1	72	0.95	1	1	16.529937
Lane_str_inv	BOBJ1	152	Before	Interior Girder 2	72	0.95	1	1	17.100392
Lane_str_inv	BOBJ1	152	Before	Interior Girder 3	72	0.95	1	1	14.593419
Lane_str_inv	BOBJ1	152	Before	Interior Girder 4	72	0.95	1	1	14.556843
Lane_str_inv	BOBJ1	152	Before	Interior Girder 5	72	0.95	1	1	16.871599
Lane_str_inv	BOBJ1	152	Before	Interior Girder 6	72	0.95	1	1	16.611299
Lane_str_inv	BOBJ1	152	Before	Right Exterior Girder	72	0.95	1	1	23.792146
Lane_str_inv	BOBJ1	152	After	Left Exterior Girder	72	0.95	1	1	20.651292
Lane_str_inv	BOBJ1	152	After	Interior Girder 1	72	0.95	1	1	15.351011
Lane_str_inv	BOBJ1	152	After	Interior Girder 2	72	0.95	1	1	15.390723
Lane_str_inv	BOBJ1	152	After	Interior Girder 3	72	0.95	1	1	12.838225
Lane_str_inv	BOBJ1	152	After	Interior Girder 4	72	0.95	1	1	12.817355
Lane_str_inv	BOBJ1	152	After	Interior Girder 5	72	0.95	1	1	15.153546
Lane_str_inv	BOBJ1	152	After	Interior Girder 6	72	0.95	1	1	15.539244
Lane_str_inv	BOBJ1	152	After	Right Exterior Girder	72	0.95	1	1	20.76017
Lane_str_inv	BOBJ1	154	Before	Left Exterior Girder	74	0.95	1	1	20.568422
Lane_str_inv	BOBJ1	154	Before	Right Exterior Girder	74	0.95	1	1	20.676863
Lane_str_inv	BOBJ1	154	After	Left Exterior Girder	74	0.95	1	1	21.15546
Lane_str_inv	BOBJ1	154	After	Right Exterior Girder	74	0.95	1	1	21.253011
Lane_str_inv	BOBJ1	160	Before	Left Exterior Girder	80	0.95	1	1	20.867084
Lane_str_inv	BOBJ1	160	Before	Interior Girder 1	80	0.95	1	1	14.781334
Lane_str_inv	BOBJ1	160	Before	Interior Girder 2	80	0.95	1	1	14.995717
Lane_str_inv	BOBJ1	160	Before	Interior Girder 3	80	0.95	1	1	12.498227
Lane_str_inv	BOBJ1	160	Before	Interior Girder 4	80	0.95	1	1	12.47791
Lane_str_inv	BOBJ1	160	Before	Interior Girder 5	80	0.95	1	1	14.764627
Lane_str_inv	BOBJ1	160	Before	Interior Girder 6	80	0.95	1	1	14.954798
Lane_str_inv	BOBJ1	160	Before	Right Exterior Girder	80	0.95	1	1	20.963305

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Approach, Span 4-6									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Lane_str_inv	BOBJ1	160	After	Left Exterior Girder	0	0.95	1	1	18.154137
Lane_str_inv	BOBJ1	160	After	Interior Girder 1	0	0.95	1	1	13.221102
Lane_str_inv	BOBJ1	160	After	Interior Girder 2	0	0.95	1	1	13.401372
Lane_str_inv	BOBJ1	160	After	Interior Girder 3	0	0.95	1	1	11.270536
Lane_str_inv	BOBJ1	160	After	Interior Girder 4	0	0.95	1	1	11.252042
Lane_str_inv	BOBJ1	160	After	Interior Girder 5	0	0.95	1	1	13.20706
Lane_str_inv	BOBJ1	160	After	Interior Girder 6	0	0.95	1	1	13.367248
Lane_str_inv	BOBJ1	160	After	Right Exterior Girder	0	0.95	1	1	18.22701
Lane_str_inv	BOBJ1	166	Before	Left Exterior Girder	6	0.95	1	1	18.416948
Lane_str_inv	BOBJ1	166	Before	Right Exterior Girder	6	0.95	1	1	18.490876
Lane_str_inv	BOBJ1	166	After	Left Exterior Girder	6	0.95	1	1	17.413332
Lane_str_inv	BOBJ1	166	After	Right Exterior Girder	6	0.95	1	1	17.494209
Lane_str_inv	BOBJ1	168	Before	Left Exterior Girder	8	0.95	1	1	17.487336
Lane_str_inv	BOBJ1	168	Before	Interior Girder 1	8	0.95	1	1	14.103177
Lane_str_inv	BOBJ1	168	Before	Interior Girder 2	8	0.95	1	1	13.770068
Lane_str_inv	BOBJ1	168	Before	Interior Girder 3	8	0.95	1	1	11.591959
Lane_str_inv	BOBJ1	168	Before	Interior Girder 4	8	0.95	1	1	11.572937
Lane_str_inv	BOBJ1	168	Before	Interior Girder 5	8	0.95	1	1	13.57041
Lane_str_inv	BOBJ1	168	Before	Interior Girder 6	8	0.95	1	1	14.268474
Lane_str_inv	BOBJ1	168	Before	Right Exterior Girder	8	0.95	1	1	17.568557
Lane_str_inv	BOBJ1	168	After	Left Exterior Girder	8	0.95	1	1	19.916105
Lane_str_inv	BOBJ1	168	After	Interior Girder 1	8	0.95	1	1	14.625299
Lane_str_inv	BOBJ1	168	After	Interior Girder 2	8	0.95	1	1	15.218877
Lane_str_inv	BOBJ1	168	After	Interior Girder 3	8	0.95	1	1	13.103389
Lane_str_inv	BOBJ1	168	After	Interior Girder 4	8	0.95	1	1	13.070556
Lane_str_inv	BOBJ1	168	After	Interior Girder 5	8	0.95	1	1	15.02781
Lane_str_inv	BOBJ1	168	After	Interior Girder 6	8	0.95	1	1	14.692842
Lane_str_inv	BOBJ1	168	After	Right Exterior Girder	8	0.95	1	1	20.036075
Lane_str_inv	BOBJ1	170	Before	Interior Girder 1	10	0.95	1	1	14.725476
Lane_str_inv	BOBJ1	170	Before	Interior Girder 2	10	0.95	1	1	15.320387
Lane_str_inv	BOBJ1	170	Before	Interior Girder 3	10	0.95	1	1	13.19352
Lane_str_inv	BOBJ1	170	Before	Interior Girder 4	10	0.95	1	1	13.160461
Lane_str_inv	BOBJ1	170	Before	Interior Girder 5	10	0.95	1	1	15.128046
Lane_str_inv	BOBJ1	170	Before	Interior Girder 6	10	0.95	1	1	14.793481
Lane_str_inv	BOBJ1	170	After	Interior Girder 1	10	0.95	1	1	18.014365
Lane_str_inv	BOBJ1	170	After	Interior Girder 2	10	0.95	1	1	16.772578
Lane_str_inv	BOBJ1	170	After	Interior Girder 3	10	0.95	1	1	14.891328
Lane_str_inv	BOBJ1	170	After	Interior Girder 4	10	0.95	1	1	14.894663
Lane_str_inv	BOBJ1	170	After	Interior Girder 5	10	0.95	1	1	16.841512
Lane_str_inv	BOBJ1	170	After	Interior Girder 6	10	0.95	1	1	17.999698
Lane_str_inv	BOBJ1	176	Before	Left Exterior Girder	16	0.95	1	1	21.264852
Lane_str_inv	BOBJ1	176	Before	Interior Girder 1	16	0.95	1	1	18.340648
Lane_str_inv	BOBJ1	176	Before	Interior Girder 2	16	0.95	1	1	17.072278
Lane_str_inv	BOBJ1	176	Before	Interior Girder 3	16	0.95	1	1	15.164489
Lane_str_inv	BOBJ1	176	Before	Interior Girder 4	16	0.95	1	1	15.167884
Lane_str_inv	BOBJ1	176	Before	Interior Girder 5	16	0.95	1	1	17.142443
Lane_str_inv	BOBJ1	176	Before	Interior Girder 6	16	0.95	1	1	18.325715
Lane_str_inv	BOBJ1	176	Before	Right Exterior Girder	16	0.95	1	1	21.40038
Lane_str_inv	BOBJ1	176	After	Left Exterior Girder	16	0.95	1	1	30.061912
Lane_str_inv	BOBJ1	176	After	Interior Girder 1	16	0.95	1	1	19.00582
Lane_str_inv	BOBJ1	176	After	Interior Girder 2	16	0.95	1	1	18.867911
Lane_str_inv	BOBJ1	176	After	Interior Girder 3	16	0.95	1	1	18.556097
Lane_str_inv	BOBJ1	176	After	Interior Girder 4	16	0.95	1	1	18.637716
Lane_str_inv	BOBJ1	176	After	Interior Girder 5	16	0.95	1	1	18.674648
Lane_str_inv	BOBJ1	176	After	Interior Girder 6	16	0.95	1	1	19.23926
Lane_str_inv	BOBJ1	176	After	Right Exterior Girder	16	0.95	1	1	30.166649
Lane_str_inv	BOBJ1	181	Before	Interior Girder 1	21	0.95	1	1	19.287744
Lane_str_inv	BOBJ1	181	Before	Interior Girder 2	21	0.95	1	1	19.14521
Lane_str_inv	BOBJ1	181	Before	Interior Girder 3	21	0.95	1	1	18.828825
Lane_str_inv	BOBJ1	181	Before	Interior Girder 4	21	0.95	1	1	18.911644
Lane_str_inv	BOBJ1	181	Before	Interior Girder 5	21	0.95	1	1	18.949106
Lane_str_inv	BOBJ1	181	Before	Interior Girder 6	21	0.95	1	1	19.524647
Lane_str_inv	BOBJ1	181	After	Interior Girder 1	21	0.95	1	1	26.380841
Lane_str_inv	BOBJ1	181	After	Interior Girder 2	21	0.95	1	1	26.320749
Lane_str_inv	BOBJ1	181	After	Interior Girder 3	21	0.95	1	1	26.202369

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Approach, Span 4-(									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Lane_str_inv	BOBJ1	181	After	Interior Girder 4	21	0.95	1	1	26.212466
Lane_str_inv	BOBJ1	181	After	Interior Girder 5	21	0.95	1	1	25.947842
Lane_str_inv	BOBJ1	181	After	Interior Girder 6	21	0.95	1	1	26.562419
Lane_str_inv	BOBJ1	184	Before	Left Exterior Girder	24	0.95	1	1	32.299479
Lane_str_inv	BOBJ1	184	Before	Interior Girder 1	24	0.95	1	1	26.586386
Lane_str_inv	BOBJ1	184	Before	Interior Girder 2	24	0.95	1	1	26.523493
Lane_str_inv	BOBJ1	184	Before	Interior Girder 3	24	0.95	1	1	26.404027
Lane_str_inv	BOBJ1	184	Before	Interior Girder 4	24	0.95	1	1	26.414203
Lane_str_inv	BOBJ1	184	Before	Interior Girder 5	24	0.95	1	1	26.147713
Lane_str_inv	BOBJ1	184	Before	Interior Girder 6	24	0.95	1	1	26.769378
Lane_str_inv	BOBJ1	184	Before	Right Exterior Girder	24	0.95	1	1	32.445449
Lane_str_inv	BOBJ1	184	After	Left Exterior Girder	24	0.95	1	1	35.039009
Lane_str_inv	BOBJ1	184	After	Interior Girder 1	24	0.95	1	1	34.576811
Lane_str_inv	BOBJ1	184	After	Interior Girder 2	24	0.95	1	1	31.085034
Lane_str_inv	BOBJ1	184	After	Interior Girder 3	24	0.95	1	1	31.98255
Lane_str_inv	BOBJ1	184	After	Interior Girder 4	24	0.95	1	1	32.412366
Lane_str_inv	BOBJ1	184	After	Interior Girder 5	24	0.95	1	1	31.688044
Lane_str_inv	BOBJ1	184	After	Interior Girder 6	24	0.95	1	1	34.607207
Lane_str_inv	BOBJ1	184	After	Right Exterior Girder	24	0.95	1	1	35.24049
Lane_str_inv	BOBJ1	192	Before	Left Exterior Girder	32	0.95	1	1	35.56169
Lane_str_inv	BOBJ1	192	Before	Interior Girder 1	32	0.95	1	1	35.284465
Lane_str_inv	BOBJ1	192	Before	Interior Girder 2	32	0.95	1	1	31.7157
Lane_str_inv	BOBJ1	192	Before	Interior Girder 3	32	0.95	1	1	32.630698
Lane_str_inv	BOBJ1	192	Before	Interior Girder 4	32	0.95	1	1	33.069224
Lane_str_inv	BOBJ1	192	Before	Interior Girder 5	32	0.95	1	1	32.330944
Lane_str_inv	BOBJ1	192	Before	Interior Girder 6	32	0.95	1	1	35.315484
Lane_str_inv	BOBJ1	192	Before	Right Exterior Girder	32	0.95	1	1	35.766177
Lane_str_inv	BOBJ1	192	After	Left Exterior Girder	32	0.95	1	1	63.309459
Lane_str_inv	BOBJ1	192	After	Interior Girder 1	32	0.95	1	1	42.060455
Lane_str_inv	BOBJ1	192	After	Interior Girder 2	32	0.95	1	1	40.241472
Lane_str_inv	BOBJ1	192	After	Interior Girder 3	32	0.95	1	1	41.089573
Lane_str_inv	BOBJ1	192	After	Interior Girder 4	32	0.95	1	1	41.930368
Lane_str_inv	BOBJ1	192	After	Interior Girder 5	32	0.95	1	1	40.717165
Lane_str_inv	BOBJ1	192	After	Interior Girder 6	32	0.95	1	1	42.996094
Lane_str_inv	BOBJ1	192	After	Right Exterior Girder	32	0.95	1	1	63.522581
Lane_str_inv	BOBJ1	200	Before	Left Exterior Girder	40	0.95	1	1	64.224597
Lane_str_inv	BOBJ1	200	Before	Interior Girder 1	40	0.95	1	1	42.891397
Lane_str_inv	BOBJ1	200	Before	Interior Girder 2	40	0.95	1	1	41.035915
Lane_str_inv	BOBJ1	200	Before	Interior Girder 3	40	0.95	1	1	41.898456
Lane_str_inv	BOBJ1	200	Before	Interior Girder 4	40	0.95	1	1	42.755803
Lane_str_inv	BOBJ1	200	Before	Interior Girder 5	40	0.95	1	1	41.520999
Lane_str_inv	BOBJ1	200	Before	Interior Girder 6	40	0.95	1	1	43.84552
Lane_str_inv	BOBJ1	200	Before	Right Exterior Girder	40	0.95	1	1	64.4408
Lane_str_inv	BOBJ1	200	After	Left Exterior Girder	40	0.95	1	1	76.495599
Lane_str_inv	BOBJ1	200	After	Interior Girder 1	40	0.95	1	1	62.158921
Lane_str_inv	BOBJ1	200	After	Interior Girder 2	40	0.95	1	1	54.784372
Lane_str_inv	BOBJ1	200	After	Interior Girder 3	40	0.95	1	1	57.893078
Lane_str_inv	BOBJ1	200	After	Interior Girder 4	40	0.95	1	1	59.348026
Lane_str_inv	BOBJ1	200	After	Interior Girder 5	40	0.95	1	1	56.657463
Lane_str_inv	BOBJ1	200	After	Interior Girder 6	40	0.95	1	1	62.897345
Lane_str_inv	BOBJ1	200	After	Right Exterior Girder	40	0.95	1	1	77.089035
Lane_str_inv	BOBJ1	208	Before	Left Exterior Girder	48	0.95	1	1	77.561007
Lane_str_inv	BOBJ1	208	Before	Interior Girder 1	48	0.95	1	1	63.356776
Lane_str_inv	BOBJ1	208	Before	Interior Girder 2	48	0.95	1	1	55.837402
Lane_str_inv	BOBJ1	208	Before	Interior Girder 3	48	0.95	1	1	59.00351
Lane_str_inv	BOBJ1	208	Before	Interior Girder 4	48	0.95	1	1	60.486366
Lane_str_inv	BOBJ1	208	Before	Interior Girder 5	48	0.95	1	1	57.746496
Lane_str_inv	BOBJ1	208	Before	Interior Girder 6	48	0.95	1	1	64.109429
Lane_str_inv	BOBJ1	208	Before	Right Exterior Girder	48	0.95	1	1	78.162707
Lane_str_inv	BOBJ1	208	After	Left Exterior Girder	48	0.95	1	1	68.349524
Lane_str_inv	BOBJ1	208	After	Interior Girder 1	48	0.95	1	1	63.740085
Lane_str_inv	BOBJ1	208	After	Interior Girder 2	48	0.95	1	1	58.013592
Lane_str_inv	BOBJ1	208	After	Interior Girder 3	48	0.95	1	1	61.612886
Lane_str_inv	BOBJ1	208	After	Interior Girder 4	48	0.95	1	1	63.330215
Lane_str_inv	BOBJ1	208	After	Interior Girder 5	48	0.95	1	1	60.16415

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Approach, Span 4-6									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Lane_str_inv	BOBJ1	208	After	Interior Girder 6	48	0.95	1	1	64.239228
Lane_str_inv	BOBJ1	208	After	Right Exterior Girder	48	0.95	1	1	68.73786
Lane_str_inv	BOBJ1	216	Before	Left Exterior Girder	56	0.95	1	1	67.409841
Lane_str_inv	BOBJ1	216	Before	Interior Girder 1	56	0.95	1	1	62.533991
Lane_str_inv	BOBJ1	216	Before	Interior Girder 2	56	0.95	1	1	56.919068
Lane_str_inv	BOBJ1	216	Before	Interior Girder 3	56	0.95	1	1	60.450512
Lane_str_inv	BOBJ1	216	Before	Interior Girder 4	56	0.95	1	1	62.135443
Lane_str_inv	BOBJ1	216	Before	Interior Girder 5	56	0.95	1	1	59.029051
Lane_str_inv	BOBJ1	216	Before	Interior Girder 6	56	0.95	1	1	63.023689
Lane_str_inv	BOBJ1	216	Before	Right Exterior Girder	56	0.95	1	1	67.792837
Lane_str_inv	BOBJ1	216	After	Left Exterior Girder	56	0.95	1	1	56.728487
Lane_str_inv	BOBJ1	216	After	Interior Girder 1	56	0.95	1	1	42.475117
Lane_str_inv	BOBJ1	216	After	Interior Girder 2	56	0.95	1	1	42.154363
Lane_str_inv	BOBJ1	216	After	Interior Girder 3	56	0.95	1	1	43.034944
Lane_str_inv	BOBJ1	216	After	Interior Girder 4	56	0.95	1	1	43.939423
Lane_str_inv	BOBJ1	216	After	Interior Girder 5	56	0.95	1	1	42.617394
Lane_str_inv	BOBJ1	216	After	Interior Girder 6	56	0.95	1	1	43.389462
Lane_str_inv	BOBJ1	216	After	Right Exterior Girder	56	0.95	1	1	56.874658
Lane_str_inv	BOBJ1	224	Before	Left Exterior Girder	64	0.95	1	1	55.919335
Lane_str_inv	BOBJ1	224	Before	Interior Girder 1	64	0.95	1	1	41.651704
Lane_str_inv	BOBJ1	224	Before	Interior Girder 2	64	0.95	1	1	41.338025
Lane_str_inv	BOBJ1	224	Before	Interior Girder 3	64	0.95	1	1	42.201879
Lane_str_inv	BOBJ1	224	Before	Interior Girder 4	64	0.95	1	1	43.088849
Lane_str_inv	BOBJ1	224	Before	Interior Girder 5	64	0.95	1	1	41.792089
Lane_str_inv	BOBJ1	224	Before	Interior Girder 6	64	0.95	1	1	42.548324
Lane_str_inv	BOBJ1	224	Before	Right Exterior Girder	64	0.95	1	1	56.063421
Lane_str_inv	BOBJ1	224	After	Left Exterior Girder	64	0.95	1	1	33.870063
Lane_str_inv	BOBJ1	224	After	Interior Girder 1	64	0.95	1	1	34.50332
Lane_str_inv	BOBJ1	224	After	Interior Girder 2	64	0.95	1	1	32.978929
Lane_str_inv	BOBJ1	224	After	Interior Girder 3	64	0.95	1	1	33.014028
Lane_str_inv	BOBJ1	224	After	Interior Girder 4	64	0.95	1	1	33.239368
Lane_str_inv	BOBJ1	224	After	Interior Girder 5	64	0.95	1	1	33.519289
Lane_str_inv	BOBJ1	224	After	Interior Girder 6	64	0.95	1	1	34.513817
Lane_str_inv	BOBJ1	224	After	Right Exterior Girder	64	0.95	1	1	34.06556
Lane_str_inv	BOBJ1	232	Before	Left Exterior Girder	72	0.95	1	1	33.369951
Lane_str_inv	BOBJ1	232	Before	Interior Girder 1	72	0.95	1	1	33.813498
Lane_str_inv	BOBJ1	232	Before	Interior Girder 2	72	0.95	1	1	32.324567
Lane_str_inv	BOBJ1	232	Before	Interior Girder 3	72	0.95	1	1	32.354729
Lane_str_inv	BOBJ1	232	Before	Interior Girder 4	72	0.95	1	1	32.575569
Lane_str_inv	BOBJ1	232	Before	Interior Girder 5	72	0.95	1	1	32.854205
Lane_str_inv	BOBJ1	232	Before	Interior Girder 6	72	0.95	1	1	33.823785
Lane_str_inv	BOBJ1	232	Before	Right Exterior Girder	72	0.95	1	1	33.562562
Lane_str_inv	BOBJ1	232	After	Left Exterior Girder	72	0.95	1	1	29.584508
Lane_str_inv	BOBJ1	232	After	Interior Girder 1	72	0.95	1	1	24.212188
Lane_str_inv	BOBJ1	232	After	Interior Girder 2	72	0.95	1	1	25.236125
Lane_str_inv	BOBJ1	232	After	Interior Girder 3	72	0.95	1	1	23.968295
Lane_str_inv	BOBJ1	232	After	Interior Girder 4	72	0.95	1	1	23.96424
Lane_str_inv	BOBJ1	232	After	Interior Girder 5	72	0.95	1	1	24.777507
Lane_str_inv	BOBJ1	232	After	Interior Girder 6	72	0.95	1	1	24.522602
Lane_str_inv	BOBJ1	232	After	Right Exterior Girder	72	0.95	1	1	29.680864
Lane_str_inv	BOBJ1	240	Before	Left Exterior Girder	80	0.95	1	1	29.129296
Lane_str_inv	BOBJ1	240	Before	Interior Girder 1	80	0.95	1	1	23.716214
Lane_str_inv	BOBJ1	240	Before	Interior Girder 2	80	0.95	1	1	24.722229
Lane_str_inv	BOBJ1	240	Before	Interior Girder 3	80	0.95	1	1	23.475833
Lane_str_inv	BOBJ1	240	Before	Interior Girder 4	80	0.95	1	1	23.471861
Lane_str_inv	BOBJ1	240	Before	Interior Girder 5	80	0.95	1	1	24.27295
Lane_str_inv	BOBJ1	240	Before	Interior Girder 6	80	0.95	1	1	24.02027
Lane_str_inv	BOBJ1	240	Before	Right Exterior Girder	80	0.95	1	1	29.22417
SU4_str	BOBJ1	0	After	Left Exterior Girder	0	0.95	1	1	12.302238
SU4_str	BOBJ1	0	After	Interior Girder 1	0	0.95	1	1	9.140202
SU4_str	BOBJ1	0	After	Interior Girder 2	0	0.95	1	1	8.482251
SU4_str	BOBJ1	0	After	Interior Girder 3	0	0.95	1	1	7.764188
SU4_str	BOBJ1	0	After	Interior Girder 4	0	0.95	1	1	7.825454
SU4_str	BOBJ1	0	After	Interior Girder 5	0	0.95	1	1	8.452659
SU4_str	BOBJ1	0	After	Interior Girder 6	0	0.95	1	1	9.178078

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Approach, Span 4-6									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
SU4_str	BOBJ1	0	After	Right Exterior Girder	0	0.95	1	1	12.314204
SU4_str	BOBJ1	8	Before	Left Exterior Girder	8	0.95	1	1	12.486117
SU4_str	BOBJ1	8	Before	Interior Girder 1	8	0.95	1	1	9.324947
SU4_str	BOBJ1	8	Before	Interior Girder 2	8	0.95	1	1	8.652736
SU4_str	BOBJ1	8	Before	Interior Girder 3	8	0.95	1	1	7.920954
SU4_str	BOBJ1	8	Before	Interior Girder 4	8	0.95	1	1	7.983457
SU4_str	BOBJ1	8	Before	Interior Girder 5	8	0.95	1	1	8.62255
SU4_str	BOBJ1	8	Before	Interior Girder 6	8	0.95	1	1	9.363588
SU4_str	BOBJ1	8	Before	Right Exterior Girder	8	0.95	1	1	12.498262
SU4_str	BOBJ1	8	After	Left Exterior Girder	8	0.95	1	1	13.78049
SU4_str	BOBJ1	8	After	Interior Girder 1	8	0.95	1	1	12.870479
SU4_str	BOBJ1	8	After	Interior Girder 2	8	0.95	1	1	11.747006
SU4_str	BOBJ1	8	After	Interior Girder 3	8	0.95	1	1	11.495918
SU4_str	BOBJ1	8	After	Interior Girder 4	8	0.95	1	1	11.513487
SU4_str	BOBJ1	8	After	Interior Girder 5	8	0.95	1	1	11.738992
SU4_str	BOBJ1	8	After	Interior Girder 6	8	0.95	1	1	12.867243
SU4_str	BOBJ1	8	After	Right Exterior Girder	8	0.95	1	1	13.794279
SU4_str	BOBJ1	16	Before	Left Exterior Girder	16	0.95	1	1	13.978624
SU4_str	BOBJ1	16	Before	Interior Girder 1	16	0.95	1	1	13.124289
SU4_str	BOBJ1	16	Before	Interior Girder 2	16	0.95	1	1	11.97715
SU4_str	BOBJ1	16	Before	Interior Girder 3	16	0.95	1	1	11.721714
SU4_str	BOBJ1	16	Before	Interior Girder 4	16	0.95	1	1	11.739628
SU4_str	BOBJ1	16	Before	Interior Girder 5	16	0.95	1	1	11.968979
SU4_str	BOBJ1	16	Before	Interior Girder 6	16	0.95	1	1	13.120989
SU4_str	BOBJ1	16	Before	Right Exterior Girder	16	0.95	1	1	13.992611
SU4_str	BOBJ1	16	After	Left Exterior Girder	16	0.95	1	1	19.044017
SU4_str	BOBJ1	16	After	Interior Girder 1	16	0.95	1	1	14.178147
SU4_str	BOBJ1	16	After	Interior Girder 2	16	0.95	1	1	12.381565
SU4_str	BOBJ1	16	After	Interior Girder 3	16	0.95	1	1	11.205385
SU4_str	BOBJ1	16	After	Interior Girder 4	16	0.95	1	1	11.342201
SU4_str	BOBJ1	16	After	Interior Girder 5	16	0.95	1	1	12.334905
SU4_str	BOBJ1	16	After	Interior Girder 6	16	0.95	1	1	14.250049
SU4_str	BOBJ1	16	After	Right Exterior Girder	16	0.95	1	1	19.067102
SU4_str	BOBJ1	20.5	Before	Left Exterior Girder	20.5	0.95	1	1	19.194191
SU4_str	BOBJ1	20.5	Before	Right Exterior Girder	20.5	0.95	1	1	19.217458
SU4_str	BOBJ1	20.5	After	Left Exterior Girder	20.5	0.95	1	1	20.969888
SU4_str	BOBJ1	20.5	After	Right Exterior Girder	20.5	0.95	1	1	20.999071
SU4_str	BOBJ1	24	Before	Left Exterior Girder	24	0.95	1	1	21.110011
SU4_str	BOBJ1	24	Before	Interior Girder 1	24	0.95	1	1	13.62952
SU4_str	BOBJ1	24	Before	Interior Girder 2	24	0.95	1	1	12.618386
SU4_str	BOBJ1	24	Before	Interior Girder 3	24	0.95	1	1	11.419248
SU4_str	BOBJ1	24	Before	Interior Girder 4	24	0.95	1	1	11.558675
SU4_str	BOBJ1	24	Before	Interior Girder 5	24	0.95	1	1	12.570834
SU4_str	BOBJ1	24	Before	Interior Girder 6	24	0.95	1	1	13.691404
SU4_str	BOBJ1	24	Before	Right Exterior Girder	24	0.95	1	1	21.139388
SU4_str	BOBJ1	24	After	Left Exterior Girder	24	0.95	1	1	23.644908
SU4_str	BOBJ1	24	After	Interior Girder 1	24	0.95	1	1	19.683084
SU4_str	BOBJ1	24	After	Interior Girder 2	24	0.95	1	1	17.485253
SU4_str	BOBJ1	24	After	Interior Girder 3	24	0.95	1	1	14.536212
SU4_str	BOBJ1	24	After	Interior Girder 4	24	0.95	1	1	14.769858
SU4_str	BOBJ1	24	After	Interior Girder 5	24	0.95	1	1	17.385441
SU4_str	BOBJ1	24	After	Interior Girder 6	24	0.95	1	1	19.78694
SU4_str	BOBJ1	24	After	Right Exterior Girder	24	0.95	1	1	23.681194
SU4_str	BOBJ1	32	Before	Left Exterior Girder	32	0.95	1	1	23.998131
SU4_str	BOBJ1	32	Before	Interior Girder 1	32	0.95	1	1	19.33309
SU4_str	BOBJ1	32	Before	Interior Girder 2	32	0.95	1	1	17.174456
SU4_str	BOBJ1	32	Before	Interior Girder 3	32	0.95	1	1	14.277478
SU4_str	BOBJ1	32	Before	Interior Girder 4	32	0.95	1	1	14.506965
SU4_str	BOBJ1	32	Before	Interior Girder 5	32	0.95	1	1	17.076418
SU4_str	BOBJ1	32	Before	Interior Girder 6	32	0.95	1	1	19.455621
SU4_str	BOBJ1	32	Before	Right Exterior Girder	32	0.95	1	1	24.03496
SU4_str	BOBJ1	32	After	Left Exterior Girder	32	0.95	1	1	28.604649
SU4_str	BOBJ1	32	After	Interior Girder 1	32	0.95	1	1	18.168766
SU4_str	BOBJ1	32	After	Interior Girder 2	32	0.95	1	1	16.460584
SU4_str	BOBJ1	32	After	Interior Girder 3	32	0.95	1	1	13.960909

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Approach, Span 4-6									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
SU4_str	BOBJ1	32	After	Interior Girder 4	32	0.95	1	1	14.169614
SU4_str	BOBJ1	32	After	Interior Girder 5	32	0.95	1	1	16.367188
SU4_str	BOBJ1	32	After	Interior Girder 6	32	0.95	1	1	18.280216
SU4_str	BOBJ1	32	After	Right Exterior Girder	32	0.95	1	1	28.604649
SU4_str	BOBJ1	40	Before	Left Exterior Girder	40	0.95	1	1	28.183638
SU4_str	BOBJ1	40	Before	Interior Girder 1	40	0.95	1	1	18.498114
SU4_str	BOBJ1	40	Before	Interior Girder 2	40	0.95	1	1	16.7589
SU4_str	BOBJ1	40	Before	Interior Girder 3	40	0.95	1	1	14.214258
SU4_str	BOBJ1	40	Before	Interior Girder 4	40	0.95	1	1	14.426751
SU4_str	BOBJ1	40	Before	Interior Girder 5	40	0.95	1	1	16.663811
SU4_str	BOBJ1	40	Before	Interior Girder 6	40	0.95	1	1	18.611584
SU4_str	BOBJ1	40	Before	Right Exterior Girder	40	0.95	1	1	28.183638
SU4_str	BOBJ1	40	After	Left Exterior Girder	40	0.95	1	1	23.692753
SU4_str	BOBJ1	40	After	Interior Girder 1	40	0.95	1	1	14.27312
SU4_str	BOBJ1	40	After	Interior Girder 2	40	0.95	1	1	12.775216
SU4_str	BOBJ1	40	After	Interior Girder 3	40	0.95	1	1	11.296899
SU4_str	BOBJ1	40	After	Interior Girder 4	40	0.95	1	1	11.43408
SU4_str	BOBJ1	40	After	Interior Girder 5	40	0.95	1	1	12.723523
SU4_str	BOBJ1	40	After	Interior Girder 6	40	0.95	1	1	14.344975
SU4_str	BOBJ1	40	After	Right Exterior Girder	40	0.95	1	1	23.692753
SU4_str	BOBJ1	46.5	Before	Left Exterior Girder	46.5	0.95	1	1	23.399415
SU4_str	BOBJ1	46.5	Before	Right Exterior Girder	46.5	0.95	1	1	23.399415
SU4_str	BOBJ1	46.5	After	Left Exterior Girder	46.5	0.95	1	1	18.574693
SU4_str	BOBJ1	46.5	After	Right Exterior Girder	46.5	0.95	1	1	18.574693
SU4_str	BOBJ1	48	Before	Left Exterior Girder	48	0.95	1	1	18.525151
SU4_str	BOBJ1	48	Before	Interior Girder 1	48	0.95	1	1	16.299167
SU4_str	BOBJ1	48	Before	Interior Girder 2	48	0.95	1	1	12.535792
SU4_str	BOBJ1	48	Before	Interior Girder 3	48	0.95	1	1	11.085648
SU4_str	BOBJ1	48	Before	Interior Girder 4	48	0.95	1	1	11.220264
SU4_str	BOBJ1	48	Before	Interior Girder 5	48	0.95	1	1	12.485068
SU4_str	BOBJ1	48	Before	Interior Girder 6	48	0.95	1	1	16.363673
SU4_str	BOBJ1	48	Before	Right Exterior Girder	48	0.95	1	1	18.525151
SU4_str	BOBJ1	48	After	Left Exterior Girder	48	0.95	1	1	15.735493
SU4_str	BOBJ1	48	After	Interior Girder 1	48	0.95	1	1	13.84135
SU4_str	BOBJ1	48	After	Interior Girder 2	48	0.95	1	1	12.803056
SU4_str	BOBJ1	48	After	Interior Girder 3	48	0.95	1	1	12.604575
SU4_str	BOBJ1	48	After	Interior Girder 4	48	0.95	1	1	12.641262
SU4_str	BOBJ1	48	After	Interior Girder 5	48	0.95	1	1	12.791244
SU4_str	BOBJ1	48	After	Interior Girder 6	48	0.95	1	1	13.842537
SU4_str	BOBJ1	48	After	Right Exterior Girder	48	0.95	1	1	15.757727
SU4_str	BOBJ1	56	Before	Left Exterior Girder	56	0.95	1	1	15.512664
SU4_str	BOBJ1	56	Before	Interior Girder 1	56	0.95	1	1	13.573805
SU4_str	BOBJ1	56	Before	Interior Girder 2	56	0.95	1	1	12.557
SU4_str	BOBJ1	56	Before	Interior Girder 3	56	0.95	1	1	12.362416
SU4_str	BOBJ1	56	Before	Interior Girder 4	56	0.95	1	1	12.398399
SU4_str	BOBJ1	56	Before	Interior Girder 5	56	0.95	1	1	12.545416
SU4_str	BOBJ1	56	Before	Interior Girder 6	56	0.95	1	1	13.574969
SU4_str	BOBJ1	56	Before	Right Exterior Girder	56	0.95	1	1	15.534584
SU4_str	BOBJ1	56	After	Left Exterior Girder	56	0.95	1	1	14.152598
SU4_str	BOBJ1	56	After	Interior Girder 1	56	0.95	1	1	10.280583
SU4_str	BOBJ1	56	After	Interior Girder 2	56	0.95	1	1	9.650093
SU4_str	BOBJ1	56	After	Interior Girder 3	56	0.95	1	1	8.831726
SU4_str	BOBJ1	56	After	Interior Girder 4	56	0.95	1	1	8.935024
SU4_str	BOBJ1	56	After	Interior Girder 5	56	0.95	1	1	9.62789
SU4_str	BOBJ1	56	After	Interior Girder 6	56	0.95	1	1	10.305023
SU4_str	BOBJ1	56	After	Right Exterior Girder	56	0.95	1	1	14.170377
SU4_str	BOBJ1	59	Before	Interior Girder 1	59	0.95	1	1	10.204084
SU4_str	BOBJ1	59	Before	Interior Girder 2	59	0.95	1	1	9.578873
SU4_str	BOBJ1	59	Before	Interior Girder 3	59	0.95	1	1	8.766546
SU4_str	BOBJ1	59	Before	Interior Girder 4	59	0.95	1	1	8.869081
SU4_str	BOBJ1	59	Before	Interior Girder 5	59	0.95	1	1	9.556834
SU4_str	BOBJ1	59	Before	Interior Girder 6	59	0.95	1	1	10.228343
SU4_str	BOBJ1	59	After	Interior Girder 1	59	0.95	1	1	6.927603
SU4_str	BOBJ1	59	After	Interior Girder 2	59	0.95	1	1	6.612103
SU4_str	BOBJ1	59	After	Interior Girder 3	59	0.95	1	1	5.880145

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Approach, Span 4-6									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
SU4_str	BOBJ1	59	After	Interior Girder 4	59	0.95	1	1	5.953819
SU4_str	BOBJ1	59	After	Interior Girder 5	59	0.95	1	1	6.583682
SU4_str	BOBJ1	59	After	Interior Girder 6	59	0.95	1	1	6.965978
SU4_str	BOBJ1	64	Before	Left Exterior Girder	64	0.95	1	1	14.071748
SU4_str	BOBJ1	64	Before	Interior Girder 1	64	0.95	1	1	6.826504
SU4_str	BOBJ1	64	Before	Interior Girder 2	64	0.95	1	1	6.516262
SU4_str	BOBJ1	64	Before	Interior Girder 3	64	0.95	1	1	5.794815
SU4_str	BOBJ1	64	Before	Interior Girder 4	64	0.95	1	1	5.86742
SU4_str	BOBJ1	64	Before	Interior Girder 5	64	0.95	1	1	6.488253
SU4_str	BOBJ1	64	Before	Interior Girder 6	64	0.95	1	1	6.86432
SU4_str	BOBJ1	64	Before	Right Exterior Girder	64	0.95	1	1	14.091262
SU4_str	BOBJ1	64	After	Left Exterior Girder	64	0.95	1	1	10.196045
SU4_str	BOBJ1	64	After	Interior Girder 1	64	0.95	1	1	7.66596
SU4_str	BOBJ1	64	After	Interior Girder 2	64	0.95	1	1	7.010585
SU4_str	BOBJ1	64	After	Interior Girder 3	64	0.95	1	1	6.329587
SU4_str	BOBJ1	64	After	Interior Girder 4	64	0.95	1	1	6.349781
SU4_str	BOBJ1	64	After	Interior Girder 5	64	0.95	1	1	6.999776
SU4_str	BOBJ1	64	After	Interior Girder 6	64	0.95	1	1	7.669999
SU4_str	BOBJ1	64	After	Right Exterior Girder	64	0.95	1	1	10.20698
SU4_str	BOBJ1	69	Before	Interior Girder 1	69	0.95	1	1	7.552098
SU4_str	BOBJ1	69	Before	Interior Girder 2	69	0.95	1	1	6.908063
SU4_str	BOBJ1	69	Before	Interior Girder 3	69	0.95	1	1	6.234543
SU4_str	BOBJ1	69	Before	Interior Girder 4	69	0.95	1	1	6.254433
SU4_str	BOBJ1	69	Before	Interior Girder 5	69	0.95	1	1	6.897411
SU4_str	BOBJ1	69	Before	Interior Girder 6	69	0.95	1	1	7.556078
SU4_str	BOBJ1	69	After	Interior Girder 1	69	0.95	1	1	6.305597
SU4_str	BOBJ1	69	After	Interior Girder 2	69	0.95	1	1	5.987507
SU4_str	BOBJ1	69	After	Interior Girder 3	69	0.95	1	1	5.191282
SU4_str	BOBJ1	69	After	Interior Girder 4	69	0.95	1	1	5.226159
SU4_str	BOBJ1	69	After	Interior Girder 5	69	0.95	1	1	5.975673
SU4_str	BOBJ1	69	After	Interior Girder 6	69	0.95	1	1	6.315515
SU4_str	BOBJ1	72	Before	Left Exterior Girder	72	0.95	1	1	7.024812
SU4_str	BOBJ1	72	Before	Interior Girder 1	72	0.95	1	1	6.241076
SU4_str	BOBJ1	72	Before	Interior Girder 2	72	0.95	1	1	5.927426
SU4_str	BOBJ1	72	Before	Interior Girder 3	72	0.95	1	1	5.137613
SU4_str	BOBJ1	72	Before	Interior Girder 4	72	0.95	1	1	5.17213
SU4_str	BOBJ1	72	Before	Interior Girder 5	72	0.95	1	1	5.915711
SU4_str	BOBJ1	72	Before	Interior Girder 6	72	0.95	1	1	6.250892
SU4_str	BOBJ1	72	Before	Right Exterior Girder	72	0.95	1	1	7.033506
SU4_str	BOBJ1	72	After	Left Exterior Girder	72	0.95	1	1	6.593833
SU4_str	BOBJ1	72	After	Interior Girder 1	72	0.95	1	1	6.975296
SU4_str	BOBJ1	72	After	Interior Girder 2	72	0.95	1	1	5.413455
SU4_str	BOBJ1	72	After	Interior Girder 3	72	0.95	1	1	4.552764
SU4_str	BOBJ1	72	After	Interior Girder 4	72	0.95	1	1	4.597109
SU4_str	BOBJ1	72	After	Interior Girder 5	72	0.95	1	1	5.390578
SU4_str	BOBJ1	72	After	Interior Girder 6	72	0.95	1	1	7.013003
SU4_str	BOBJ1	72	After	Right Exterior Girder	72	0.95	1	1	6.60157
SU4_str	BOBJ1	72.5	Before	Left Exterior Girder	72.5	0.95	1	1	6.586774
SU4_str	BOBJ1	72.5	Before	Right Exterior Girder	72.5	0.95	1	1	6.594503
SU4_str	BOBJ1	72.5	After	Left Exterior Girder	72.5	0.95	1	1	9.545386
SU4_str	BOBJ1	72.5	After	Right Exterior Girder	72.5	0.95	1	1	9.555747
SU4_str	BOBJ1	80	Before	Left Exterior Girder	80	0.95	1	1	9.380358
SU4_str	BOBJ1	80	Before	Interior Girder 1	80	0.95	1	1	5.71291
SU4_str	BOBJ1	80	Before	Interior Girder 2	80	0.95	1	1	5.266599
SU4_str	BOBJ1	80	Before	Interior Girder 3	80	0.95	1	1	4.424785
SU4_str	BOBJ1	80	Before	Interior Girder 4	80	0.95	1	1	4.467883
SU4_str	BOBJ1	80	Before	Interior Girder 5	80	0.95	1	1	5.244342
SU4_str	BOBJ1	80	Before	Interior Girder 6	80	0.95	1	1	5.742913
SU4_str	BOBJ1	80	Before	Right Exterior Girder	80	0.95	1	1	9.39054
SU4_str	BOBJ1	80	After	Left Exterior Girder	0	0.95	1	1	10.535521
SU4_str	BOBJ1	80	After	Interior Girder 1	0	0.95	1	1	6.07475
SU4_str	BOBJ1	80	After	Interior Girder 2	0	0.95	1	1	5.651557
SU4_str	BOBJ1	80	After	Interior Girder 3	0	0.95	1	1	4.722256
SU4_str	BOBJ1	80	After	Interior Girder 4	0	0.95	1	1	4.768894
SU4_str	BOBJ1	80	After	Interior Girder 5	0	0.95	1	1	5.627499

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Approach, Span 4-6									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
SU4_str	BOBJ1	80	After	Interior Girder 6	0	0.95	1	1	6.106403
SU4_str	BOBJ1	80	After	Right Exterior Girder	0	0.95	1	1	10.546589
SU4_str	BOBJ1	87.5	Before	Left Exterior Girder	7.5	0.95	1	1	10.712404
SU4_str	BOBJ1	87.5	Before	Right Exterior Girder	7.5	0.95	1	1	10.723659
SU4_str	BOBJ1	87.5	After	Left Exterior Girder	7.5	0.95	1	1	8.116248
SU4_str	BOBJ1	87.5	After	Right Exterior Girder	7.5	0.95	1	1	8.125064
SU4_str	BOBJ1	88	Before	Left Exterior Girder	8	0.95	1	1	8.124227
SU4_str	BOBJ1	88	Before	Interior Girder 1	8	0.95	1	1	6.854055
SU4_str	BOBJ1	88	Before	Interior Girder 2	8	0.95	1	1	5.802259
SU4_str	BOBJ1	88	Before	Interior Girder 3	8	0.95	1	1	4.852712
SU4_str	BOBJ1	88	Before	Interior Girder 4	8	0.95	1	1	4.900639
SU4_str	BOBJ1	88	Before	Interior Girder 5	8	0.95	1	1	5.777559
SU4_str	BOBJ1	88	Before	Interior Girder 6	8	0.95	1	1	6.889961
SU4_str	BOBJ1	88	Before	Right Exterior Girder	8	0.95	1	1	8.133052
SU4_str	BOBJ1	88	After	Left Exterior Girder	8	0.95	1	1	8.615775
SU4_str	BOBJ1	88	After	Interior Girder 1	8	0.95	1	1	6.69241
SU4_str	BOBJ1	88	After	Interior Girder 2	8	0.95	1	1	6.396581
SU4_str	BOBJ1	88	After	Interior Girder 3	8	0.95	1	1	5.550688
SU4_str	BOBJ1	88	After	Interior Girder 4	8	0.95	1	1	5.588916
SU4_str	BOBJ1	88	After	Interior Girder 5	8	0.95	1	1	6.384328
SU4_str	BOBJ1	88	After	Interior Girder 6	8	0.95	1	1	6.70211
SU4_str	BOBJ1	88	After	Right Exterior Girder	8	0.95	1	1	8.625213
SU4_str	BOBJ1	91	Before	Interior Girder 1	11	0.95	1	1	6.758316
SU4_str	BOBJ1	91	Before	Interior Girder 2	11	0.95	1	1	6.458675
SU4_str	BOBJ1	91	Before	Interior Girder 3	11	0.95	1	1	5.606161
SU4_str	BOBJ1	91	Before	Interior Girder 4	11	0.95	1	1	5.644772
SU4_str	BOBJ1	91	Before	Interior Girder 5	11	0.95	1	1	6.446304
SU4_str	BOBJ1	91	Before	Interior Girder 6	11	0.95	1	1	6.768112
SU4_str	BOBJ1	91	After	Interior Girder 1	11	0.95	1	1	8.227394
SU4_str	BOBJ1	91	After	Interior Girder 2	11	0.95	1	1	7.572262
SU4_str	BOBJ1	91	After	Interior Girder 3	11	0.95	1	1	6.852359
SU4_str	BOBJ1	91	After	Interior Girder 4	11	0.95	1	1	6.874775
SU4_str	BOBJ1	91	After	Interior Girder 5	11	0.95	1	1	7.562582
SU4_str	BOBJ1	91	After	Interior Girder 6	11	0.95	1	1	8.228758
SU4_str	BOBJ1	96	Before	Left Exterior Girder	16	0.95	1	1	11.971672
SU4_str	BOBJ1	96	Before	Interior Girder 1	16	0.95	1	1	8.345949
SU4_str	BOBJ1	96	Before	Interior Girder 2	16	0.95	1	1	7.67996
SU4_str	BOBJ1	96	Before	Interior Girder 3	16	0.95	1	1	6.95237
SU4_str	BOBJ1	96	Before	Interior Girder 4	16	0.95	1	1	6.975113
SU4_str	BOBJ1	96	Before	Interior Girder 5	16	0.95	1	1	7.670142
SU4_str	BOBJ1	96	Before	Interior Girder 6	16	0.95	1	1	8.347332
SU4_str	BOBJ1	96	Before	Right Exterior Girder	16	0.95	1	1	11.984341
SU4_str	BOBJ1	96	After	Left Exterior Girder	16	0.95	1	1	11.725269
SU4_str	BOBJ1	96	After	Interior Girder 1	16	0.95	1	1	8.578664
SU4_str	BOBJ1	96	After	Interior Girder 2	16	0.95	1	1	8.102176
SU4_str	BOBJ1	96	After	Interior Girder 3	16	0.95	1	1	7.471133
SU4_str	BOBJ1	96	After	Interior Girder 4	16	0.95	1	1	7.546425
SU4_str	BOBJ1	96	After	Interior Girder 5	16	0.95	1	1	8.072546
SU4_str	BOBJ1	96	After	Interior Girder 6	16	0.95	1	1	8.615854
SU4_str	BOBJ1	96	After	Right Exterior Girder	16	0.95	1	1	11.74063
SU4_str	BOBJ1	104	Before	Left Exterior Girder	24	0.95	1	1	11.921384
SU4_str	BOBJ1	104	Before	Interior Girder 1	24	0.95	1	1	8.7728
SU4_str	BOBJ1	104	Before	Interior Girder 2	24	0.95	1	1	8.284866
SU4_str	BOBJ1	104	Before	Interior Girder 3	24	0.95	1	1	7.639572
SU4_str	BOBJ1	104	Before	Interior Girder 4	24	0.95	1	1	7.716561
SU4_str	BOBJ1	104	Before	Interior Girder 5	24	0.95	1	1	8.254567
SU4_str	BOBJ1	104	Before	Interior Girder 6	24	0.95	1	1	8.810831
SU4_str	BOBJ1	104	Before	Right Exterior Girder	24	0.95	1	1	11.937002
SU4_str	BOBJ1	104	After	Left Exterior Girder	24	0.95	1	1	13.69271
SU4_str	BOBJ1	104	After	Interior Girder 1	24	0.95	1	1	12.198878
SU4_str	BOBJ1	104	After	Interior Girder 2	24	0.95	1	1	11.365953
SU4_str	BOBJ1	104	After	Interior Girder 3	24	0.95	1	1	11.27116
SU4_str	BOBJ1	104	After	Interior Girder 4	24	0.95	1	1	11.297956
SU4_str	BOBJ1	104	After	Interior Girder 5	24	0.95	1	1	11.358013
SU4_str	BOBJ1	104	After	Interior Girder 6	24	0.95	1	1	12.196023

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Approach, Span 4-6									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
SU4_str	BOBJ1	104	After	Right Exterior Girder	24	0.95	1	1	13.714211
SU4_str	BOBJ1	112	Before	Left Exterior Girder	32	0.95	1	1	13.910909
SU4_str	BOBJ1	112	Before	Interior Girder 1	32	0.95	1	1	12.46723
SU4_str	BOBJ1	112	Before	Interior Girder 2	32	0.95	1	1	11.614551
SU4_str	BOBJ1	112	Before	Interior Girder 3	32	0.95	1	1	11.517502
SU4_str	BOBJ1	112	Before	Interior Girder 4	32	0.95	1	1	11.544883
SU4_str	BOBJ1	112	Before	Interior Girder 5	32	0.95	1	1	11.606437
SU4_str	BOBJ1	112	Before	Interior Girder 6	32	0.95	1	1	12.464312
SU4_str	BOBJ1	112	Before	Right Exterior Girder	32	0.95	1	1	13.932753
SU4_str	BOBJ1	112	After	Left Exterior Girder	32	0.95	1	1	23.229888
SU4_str	BOBJ1	112	After	Interior Girder 1	32	0.95	1	1	12.626287
SU4_str	BOBJ1	112	After	Interior Girder 2	32	0.95	1	1	11.507357
SU4_str	BOBJ1	112	After	Interior Girder 3	32	0.95	1	1	9.988573
SU4_str	BOBJ1	112	After	Interior Girder 4	32	0.95	1	1	10.115935
SU4_str	BOBJ1	112	After	Interior Girder 5	32	0.95	1	1	11.447528
SU4_str	BOBJ1	112	After	Interior Girder 6	32	0.95	1	1	12.656949
SU4_str	BOBJ1	112	After	Right Exterior Girder	32	0.95	1	1	23.229888
SU4_str	BOBJ1	120	Before	Left Exterior Girder	40	0.95	1	1	23.585659
SU4_str	BOBJ1	120	Before	Interior Girder 1	40	0.95	1	1	12.893796
SU4_str	BOBJ1	120	Before	Interior Girder 2	40	0.95	1	1	11.751411
SU4_str	BOBJ1	120	Before	Interior Girder 3	40	0.95	1	1	10.2003
SU4_str	BOBJ1	120	Before	Interior Girder 4	40	0.95	1	1	10.330362
SU4_str	BOBJ1	120	Before	Interior Girder 5	40	0.95	1	1	11.690314
SU4_str	BOBJ1	120	Before	Interior Girder 6	40	0.95	1	1	12.925108
SU4_str	BOBJ1	120	Before	Right Exterior Girder	40	0.95	1	1	23.585659
SU4_str	BOBJ1	120	After	Left Exterior Girder	40	0.95	1	1	24.507075
SU4_str	BOBJ1	120	After	Interior Girder 1	40	0.95	1	1	13.016194
SU4_str	BOBJ1	120	After	Interior Girder 2	40	0.95	1	1	11.85818
SU4_str	BOBJ1	120	After	Interior Girder 3	40	0.95	1	1	10.272061
SU4_str	BOBJ1	120	After	Interior Girder 4	40	0.95	1	1	10.404024
SU4_str	BOBJ1	120	After	Interior Girder 5	40	0.95	1	1	11.795955
SU4_str	BOBJ1	120	After	Interior Girder 6	40	0.95	1	1	13.049039
SU4_str	BOBJ1	120	After	Right Exterior Girder	40	0.95	1	1	24.507075
SU4_str	BOBJ1	128	Before	Left Exterior Girder	48	0.95	1	1	24.138222
SU4_str	BOBJ1	128	Before	Interior Girder 1	48	0.95	1	1	12.746369
SU4_str	BOBJ1	128	Before	Interior Girder 2	48	0.95	1	1	11.612096
SU4_str	BOBJ1	128	Before	Interior Girder 3	48	0.95	1	1	10.058961
SU4_str	BOBJ1	128	Before	Interior Girder 4	48	0.95	1	1	10.188186
SU4_str	BOBJ1	128	Before	Interior Girder 5	48	0.95	1	1	11.551162
SU4_str	BOBJ1	128	Before	Interior Girder 6	48	0.95	1	1	12.778533
SU4_str	BOBJ1	128	Before	Right Exterior Girder	48	0.95	1	1	24.138222
SU4_str	BOBJ1	128	After	Left Exterior Girder	48	0.95	1	1	14.321143
SU4_str	BOBJ1	128	After	Interior Girder 1	48	0.95	1	1	12.619586
SU4_str	BOBJ1	128	After	Interior Girder 2	48	0.95	1	1	11.750984
SU4_str	BOBJ1	128	After	Interior Girder 3	48	0.95	1	1	11.655306
SU4_str	BOBJ1	128	After	Interior Girder 4	48	0.95	1	1	11.683189
SU4_str	BOBJ1	128	After	Interior Girder 5	48	0.95	1	1	11.742742
SU4_str	BOBJ1	128	After	Interior Girder 6	48	0.95	1	1	12.616576
SU4_str	BOBJ1	128	After	Right Exterior Girder	48	0.95	1	1	14.343755
SU4_str	BOBJ1	136	Before	Left Exterior Girder	56	0.95	1	1	14.097106
SU4_str	BOBJ1	136	Before	Interior Girder 1	56	0.95	1	1	12.348116
SU4_str	BOBJ1	136	Before	Interior Girder 2	56	0.95	1	1	11.499564
SU4_str	BOBJ1	136	Before	Interior Girder 3	56	0.95	1	1	11.406232
SU4_str	BOBJ1	136	Before	Interior Girder 4	56	0.95	1	1	11.433519
SU4_str	BOBJ1	136	Before	Interior Girder 5	56	0.95	1	1	11.491499
SU4_str	BOBJ1	136	Before	Interior Girder 6	56	0.95	1	1	12.345171
SU4_str	BOBJ1	136	Before	Right Exterior Girder	56	0.95	1	1	14.119365
SU4_str	BOBJ1	136	After	Left Exterior Girder	56	0.95	1	1	12.23068
SU4_str	BOBJ1	136	After	Interior Girder 1	56	0.95	1	1	8.852072
SU4_str	BOBJ1	136	After	Interior Girder 2	56	0.95	1	1	8.357733
SU4_str	BOBJ1	136	After	Interior Girder 3	56	0.95	1	1	7.706486
SU4_str	BOBJ1	136	After	Interior Girder 4	56	0.95	1	1	7.784455
SU4_str	BOBJ1	136	After	Interior Girder 5	56	0.95	1	1	8.327152
SU4_str	BOBJ1	136	After	Interior Girder 6	56	0.95	1	1	8.890555
SU4_str	BOBJ1	136	After	Right Exterior Girder	56	0.95	1	1	12.246716

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Approach, Span 4-6									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
SU4_str	BOBJ1	144	Before	Left Exterior Girder	64	0.95	1	1	12.030068
SU4_str	BOBJ1	144	Before	Interior Girder 1	64	0.95	1	1	8.656282
SU4_str	BOBJ1	144	Before	Interior Girder 2	64	0.95	1	1	8.173487
SU4_str	BOBJ1	144	Before	Interior Girder 3	64	0.95	1	1	7.536739
SU4_str	BOBJ1	144	Before	Interior Girder 4	64	0.95	1	1	7.612991
SU4_str	BOBJ1	144	Before	Interior Girder 5	64	0.95	1	1	8.14358
SU4_str	BOBJ1	144	Before	Interior Girder 6	64	0.95	1	1	8.693913
SU4_str	BOBJ1	144	Before	Right Exterior Girder	64	0.95	1	1	12.045841
SU4_str	BOBJ1	144	After	Left Exterior Girder	64	0.95	1	1	11.317902
SU4_str	BOBJ1	144	After	Interior Girder 1	64	0.95	1	1	8.418998
SU4_str	BOBJ1	144	After	Interior Girder 2	64	0.95	1	1	7.741692
SU4_str	BOBJ1	144	After	Interior Girder 3	64	0.95	1	1	7.059375
SU4_str	BOBJ1	144	After	Interior Girder 4	64	0.95	1	1	7.080062
SU4_str	BOBJ1	144	After	Interior Girder 5	64	0.95	1	1	7.731287
SU4_str	BOBJ1	144	After	Interior Girder 6	64	0.95	1	1	8.421338
SU4_str	BOBJ1	144	After	Right Exterior Girder	64	0.95	1	1	11.329875
SU4_str	BOBJ1	150	Before	Interior Girder 1	70	0.95	1	1	8.27541
SU4_str	BOBJ1	150	Before	Interior Girder 2	70	0.95	1	1	7.61125
SU4_str	BOBJ1	150	Before	Interior Girder 3	70	0.95	1	1	6.937686
SU4_str	BOBJ1	150	Before	Interior Girder 4	70	0.95	1	1	6.958017
SU4_str	BOBJ1	150	Before	Interior Girder 5	70	0.95	1	1	7.60102
SU4_str	BOBJ1	150	Before	Interior Girder 6	70	0.95	1	1	8.27771
SU4_str	BOBJ1	150	After	Interior Girder 1	70	0.95	1	1	6.337425
SU4_str	BOBJ1	150	After	Interior Girder 2	70	0.95	1	1	6.221915
SU4_str	BOBJ1	150	After	Interior Girder 3	70	0.95	1	1	5.310579
SU4_str	BOBJ1	150	After	Interior Girder 4	70	0.95	1	1	5.366823
SU4_str	BOBJ1	150	After	Interior Girder 5	70	0.95	1	1	6.210576
SU4_str	BOBJ1	150	After	Interior Girder 6	70	0.95	1	1	6.346595
SU4_str	BOBJ1	152	Before	Left Exterior Girder	72	0.95	1	1	11.169708
SU4_str	BOBJ1	152	Before	Interior Girder 1	72	0.95	1	1	6.296299
SU4_str	BOBJ1	152	Before	Interior Girder 2	72	0.95	1	1	6.182381
SU4_str	BOBJ1	152	Before	Interior Girder 3	72	0.95	1	1	5.275905
SU4_str	BOBJ1	152	Before	Interior Girder 4	72	0.95	1	1	5.331781
SU4_str	BOBJ1	152	Before	Interior Girder 5	72	0.95	1	1	6.171114
SU4_str	BOBJ1	152	Before	Interior Girder 6	72	0.95	1	1	6.30541
SU4_str	BOBJ1	152	Before	Right Exterior Girder	72	0.95	1	1	11.182283
SU4_str	BOBJ1	152	After	Left Exterior Girder	72	0.95	1	1	9.781417
SU4_str	BOBJ1	152	After	Interior Girder 1	72	0.95	1	1	5.668729
SU4_str	BOBJ1	152	After	Interior Girder 2	72	0.95	1	1	5.815456
SU4_str	BOBJ1	152	After	Interior Girder 3	72	0.95	1	1	4.885179
SU4_str	BOBJ1	152	After	Interior Girder 4	72	0.95	1	1	4.934001
SU4_str	BOBJ1	152	After	Interior Girder 5	72	0.95	1	1	5.790937
SU4_str	BOBJ1	152	After	Interior Girder 6	72	0.95	1	1	5.690543
SU4_str	BOBJ1	152	After	Right Exterior Girder	72	0.95	1	1	9.79278
SU4_str	BOBJ1	154	Before	Left Exterior Girder	74	0.95	1	1	9.742166
SU4_str	BOBJ1	154	Before	Right Exterior Girder	74	0.95	1	1	9.753483
SU4_str	BOBJ1	154	After	Left Exterior Girder	74	0.95	1	1	9.97573
SU4_str	BOBJ1	154	After	Right Exterior Girder	74	0.95	1	1	9.98706
SU4_str	BOBJ1	160	Before	Left Exterior Girder	80	0.95	1	1	9.839748
SU4_str	BOBJ1	160	Before	Interior Girder 1	80	0.95	1	1	6.099915
SU4_str	BOBJ1	160	Before	Interior Girder 2	80	0.95	1	1	5.666201
SU4_str	BOBJ1	160	Before	Interior Girder 3	80	0.95	1	1	4.755804
SU4_str	BOBJ1	160	Before	Interior Girder 4	80	0.95	1	1	4.803332
SU4_str	BOBJ1	160	Before	Interior Girder 5	80	0.95	1	1	5.642311
SU4_str	BOBJ1	160	Before	Interior Girder 6	80	0.95	1	1	6.131764
SU4_str	BOBJ1	160	Before	Right Exterior Girder	80	0.95	1	1	9.850923
SU4_str	BOBJ1	160	After	Left Exterior Girder	0	0.95	1	1	8.753864
SU4_str	BOBJ1	160	After	Interior Girder 1	0	0.95	1	1	5.719938
SU4_str	BOBJ1	160	After	Interior Girder 2	0	0.95	1	1	5.27077
SU4_str	BOBJ1	160	After	Interior Girder 3	0	0.95	1	1	4.447884
SU4_str	BOBJ1	160	After	Interior Girder 4	0	0.95	1	1	4.491646
SU4_str	BOBJ1	160	After	Interior Girder 5	0	0.95	1	1	5.248808
SU4_str	BOBJ1	160	After	Interior Girder 6	0	0.95	1	1	5.749852
SU4_str	BOBJ1	160	After	Right Exterior Girder	0	0.95	1	1	8.762804
SU4_str	BOBJ1	166	Before	Left Exterior Girder	6	0.95	1	1	8.880591

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Approach, Span 4-6									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
SU4_str	BOBJ1	166	Before	Right Exterior Girder	6	0.95	1	1	8.88966
SU4_str	BOBJ1	166	After	Left Exterior Girder	6	0.95	1	1	8.353896
SU4_str	BOBJ1	166	After	Right Exterior Girder	6	0.95	1	1	8.362673
SU4_str	BOBJ1	168	Before	Left Exterior Girder	8	0.95	1	1	8.389399
SU4_str	BOBJ1	168	Before	Interior Girder 1	8	0.95	1	1	5.378469
SU4_str	BOBJ1	168	Before	Interior Girder 2	8	0.95	1	1	5.415779
SU4_str	BOBJ1	168	Before	Interior Girder 3	8	0.95	1	1	4.574732
SU4_str	BOBJ1	168	Before	Interior Girder 4	8	0.95	1	1	4.619742
SU4_str	BOBJ1	168	Before	Interior Girder 5	8	0.95	1	1	5.393212
SU4_str	BOBJ1	168	Before	Interior Girder 6	8	0.95	1	1	5.399444
SU4_str	BOBJ1	168	Before	Right Exterior Girder	8	0.95	1	1	8.398213
SU4_str	BOBJ1	168	After	Left Exterior Girder	8	0.95	1	1	9.553176
SU4_str	BOBJ1	168	After	Interior Girder 1	8	0.95	1	1	5.850771
SU4_str	BOBJ1	168	After	Interior Girder 2	8	0.95	1	1	5.726461
SU4_str	BOBJ1	168	After	Interior Girder 3	8	0.95	1	1	4.917996
SU4_str	BOBJ1	168	After	Interior Girder 4	8	0.95	1	1	4.959756
SU4_str	BOBJ1	168	After	Interior Girder 5	8	0.95	1	1	5.715877
SU4_str	BOBJ1	168	After	Interior Girder 6	8	0.95	1	1	5.859152
SU4_str	BOBJ1	168	After	Right Exterior Girder	8	0.95	1	1	9.564449
SU4_str	BOBJ1	170	Before	Interior Girder 1	10	0.95	1	1	5.890846
SU4_str	BOBJ1	170	Before	Interior Girder 2	10	0.95	1	1	5.764656
SU4_str	BOBJ1	170	Before	Interior Girder 3	10	0.95	1	1	4.951824
SU4_str	BOBJ1	170	Before	Interior Girder 4	10	0.95	1	1	4.993871
SU4_str	BOBJ1	170	Before	Interior Girder 5	10	0.95	1	1	5.754002
SU4_str	BOBJ1	170	Before	Interior Girder 6	10	0.95	1	1	5.899285
SU4_str	BOBJ1	170	After	Interior Girder 1	10	0.95	1	1	7.557486
SU4_str	BOBJ1	170	After	Interior Girder 2	10	0.95	1	1	6.909412
SU4_str	BOBJ1	170	After	Interior Girder 3	10	0.95	1	1	6.295476
SU4_str	BOBJ1	170	After	Interior Girder 4	10	0.95	1	1	6.313092
SU4_str	BOBJ1	170	After	Interior Girder 5	10	0.95	1	1	6.898569
SU4_str	BOBJ1	170	After	Interior Girder 6	10	0.95	1	1	7.562021
SU4_str	BOBJ1	176	Before	Left Exterior Girder	16	0.95	1	1	9.576679
SU4_str	BOBJ1	176	Before	Interior Girder 1	16	0.95	1	1	7.69437
SU4_str	BOBJ1	176	Before	Interior Girder 2	16	0.95	1	1	7.032873
SU4_str	BOBJ1	176	Before	Interior Girder 3	16	0.95	1	1	6.410957
SU4_str	BOBJ1	176	Before	Interior Girder 4	16	0.95	1	1	6.428897
SU4_str	BOBJ1	176	Before	Interior Girder 5	16	0.95	1	1	7.021836
SU4_str	BOBJ1	176	Before	Interior Girder 6	16	0.95	1	1	7.698987
SU4_str	BOBJ1	176	Before	Right Exterior Girder	16	0.95	1	1	9.586445
SU4_str	BOBJ1	176	After	Left Exterior Girder	16	0.95	1	1	13.579476
SU4_str	BOBJ1	176	After	Interior Girder 1	16	0.95	1	1	6.710114
SU4_str	BOBJ1	176	After	Interior Girder 2	16	0.95	1	1	6.51866
SU4_str	BOBJ1	176	After	Interior Girder 3	16	0.95	1	1	5.836506
SU4_str	BOBJ1	176	After	Interior Girder 4	16	0.95	1	1	5.909818
SU4_str	BOBJ1	176	After	Interior Girder 5	16	0.95	1	1	6.490767
SU4_str	BOBJ1	176	After	Interior Girder 6	16	0.95	1	1	6.746869
SU4_str	BOBJ1	176	After	Right Exterior Girder	16	0.95	1	1	13.596442
SU4_str	BOBJ1	181	Before	Interior Girder 1	21	0.95	1	1	6.809649
SU4_str	BOBJ1	181	Before	Interior Girder 2	21	0.95	1	1	6.614464
SU4_str	BOBJ1	181	Before	Interior Girder 3	21	0.95	1	1	5.922288
SU4_str	BOBJ1	181	Before	Interior Girder 4	21	0.95	1	1	5.996678
SU4_str	BOBJ1	181	Before	Interior Girder 5	21	0.95	1	1	6.586161
SU4_str	BOBJ1	181	Before	Interior Girder 6	21	0.95	1	1	6.846949
SU4_str	BOBJ1	181	After	Interior Girder 1	21	0.95	1	1	9.465636
SU4_str	BOBJ1	181	After	Interior Girder 2	21	0.95	1	1	9.060792
SU4_str	BOBJ1	181	After	Interior Girder 3	21	0.95	1	1	8.359283
SU4_str	BOBJ1	181	After	Interior Girder 4	21	0.95	1	1	8.457248
SU4_str	BOBJ1	181	After	Interior Girder 5	21	0.95	1	1	9.04007
SU4_str	BOBJ1	181	After	Interior Girder 6	21	0.95	1	1	9.488127
SU4_str	BOBJ1	184	Before	Left Exterior Girder	24	0.95	1	1	13.57849
SU4_str	BOBJ1	184	Before	Interior Girder 1	24	0.95	1	1	9.539387
SU4_str	BOBJ1	184	Before	Interior Girder 2	24	0.95	1	1	9.130585
SU4_str	BOBJ1	184	Before	Interior Girder 3	24	0.95	1	1	8.423618
SU4_str	BOBJ1	184	Before	Interior Girder 4	24	0.95	1	1	8.522337
SU4_str	BOBJ1	184	Before	Interior Girder 5	24	0.95	1	1	9.109703

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Approach, Span 4-6									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
SU4_str	BOBJ1	184	Before	Interior Girder 6	24	0.95	1	1	9.562053
SU4_str	BOBJ1	184	Before	Right Exterior Girder	24	0.95	1	1	13.59437
SU4_str	BOBJ1	184	After	Left Exterior Girder	24	0.95	1	1	15.029206
SU4_str	BOBJ1	184	After	Interior Girder 1	24	0.95	1	1	12.44813
SU4_str	BOBJ1	184	After	Interior Girder 2	24	0.95	1	1	11.914776
SU4_str	BOBJ1	184	After	Interior Girder 3	24	0.95	1	1	11.864794
SU4_str	BOBJ1	184	After	Interior Girder 4	24	0.95	1	1	11.899135
SU4_str	BOBJ1	184	After	Interior Girder 5	24	0.95	1	1	11.903839
SU4_str	BOBJ1	184	After	Interior Girder 6	24	0.95	1	1	12.449246
SU4_str	BOBJ1	184	After	Right Exterior Girder	24	0.95	1	1	15.049398
SU4_str	BOBJ1	192	Before	Left Exterior Girder	32	0.95	1	1	15.253399
SU4_str	BOBJ1	192	Before	Interior Girder 1	32	0.95	1	1	12.702895
SU4_str	BOBJ1	192	Before	Interior Girder 2	32	0.95	1	1	12.156508
SU4_str	BOBJ1	192	Before	Interior Girder 3	32	0.95	1	1	12.105242
SU4_str	BOBJ1	192	Before	Interior Girder 4	32	0.95	1	1	12.140279
SU4_str	BOBJ1	192	Before	Interior Girder 5	32	0.95	1	1	12.145349
SU4_str	BOBJ1	192	Before	Interior Girder 6	32	0.95	1	1	12.704034
SU4_str	BOBJ1	192	Before	Right Exterior Girder	32	0.95	1	1	15.273892
SU4_str	BOBJ1	192	After	Left Exterior Girder	32	0.95	1	1	23.175282
SU4_str	BOBJ1	192	After	Interior Girder 1	32	0.95	1	1	12.95825
SU4_str	BOBJ1	192	After	Interior Girder 2	32	0.95	1	1	12.004746
SU4_str	BOBJ1	192	After	Interior Girder 3	32	0.95	1	1	10.666967
SU4_str	BOBJ1	192	After	Interior Girder 4	32	0.95	1	1	10.796901
SU4_str	BOBJ1	192	After	Interior Girder 5	32	0.95	1	1	11.956191
SU4_str	BOBJ1	192	After	Interior Girder 6	32	0.95	1	1	13.02321
SU4_str	BOBJ1	192	After	Right Exterior Girder	32	0.95	1	1	23.175282
SU4_str	BOBJ1	200	Before	Left Exterior Girder	40	0.95	1	1	23.510281
SU4_str	BOBJ1	200	Before	Interior Girder 1	40	0.95	1	1	13.214252
SU4_str	BOBJ1	200	Before	Interior Girder 2	40	0.95	1	1	12.241742
SU4_str	BOBJ1	200	Before	Interior Girder 3	40	0.95	1	1	10.876956
SU4_str	BOBJ1	200	Before	Interior Girder 4	40	0.95	1	1	11.009448
SU4_str	BOBJ1	200	Before	Interior Girder 5	40	0.95	1	1	12.192229
SU4_str	BOBJ1	200	Before	Interior Girder 6	40	0.95	1	1	13.280496
SU4_str	BOBJ1	200	Before	Right Exterior Girder	40	0.95	1	1	23.510281
SU4_str	BOBJ1	200	After	Left Exterior Girder	40	0.95	1	1	28.223859
SU4_str	BOBJ1	200	After	Interior Girder 1	40	0.95	1	1	17.964965
SU4_str	BOBJ1	200	After	Interior Girder 2	40	0.95	1	1	15.908847
SU4_str	BOBJ1	200	After	Interior Girder 3	40	0.95	1	1	13.433414
SU4_str	BOBJ1	200	After	Interior Girder 4	40	0.95	1	1	13.630044
SU4_str	BOBJ1	200	After	Interior Girder 5	40	0.95	1	1	15.817876
SU4_str	BOBJ1	200	After	Interior Girder 6	40	0.95	1	1	18.077844
SU4_str	BOBJ1	200	After	Right Exterior Girder	40	0.95	1	1	28.223859
SU4_str	BOBJ1	208	Before	Left Exterior Girder	48	0.95	1	1	28.616952
SU4_str	BOBJ1	208	Before	Interior Girder 1	48	0.95	1	1	17.636141
SU4_str	BOBJ1	208	Before	Interior Girder 2	48	0.95	1	1	15.616944
SU4_str	BOBJ1	208	Before	Interior Girder 3	48	0.95	1	1	13.186433
SU4_str	BOBJ1	208	Before	Interior Girder 4	48	0.95	1	1	13.379447
SU4_str	BOBJ1	208	Before	Interior Girder 5	48	0.95	1	1	15.527643
SU4_str	BOBJ1	208	Before	Interior Girder 6	48	0.95	1	1	17.746954
SU4_str	BOBJ1	208	Before	Right Exterior Girder	48	0.95	1	1	28.616952
SU4_str	BOBJ1	208	After	Left Exterior Girder	48	0.95	1	1	23.977915
SU4_str	BOBJ1	208	After	Interior Girder 1	48	0.95	1	1	18.124676
SU4_str	BOBJ1	208	After	Interior Girder 2	48	0.95	1	1	16.715875
SU4_str	BOBJ1	208	After	Interior Girder 3	48	0.95	1	1	14.198199
SU4_str	BOBJ1	208	After	Interior Girder 4	48	0.95	1	1	14.425892
SU4_str	BOBJ1	208	After	Interior Girder 5	48	0.95	1	1	16.702516
SU4_str	BOBJ1	208	After	Interior Girder 6	48	0.95	1	1	18.123856
SU4_str	BOBJ1	208	After	Right Exterior Girder	48	0.95	1	1	24.014863
SU4_str	BOBJ1	216	Before	Left Exterior Girder	56	0.95	1	1	23.648261
SU4_str	BOBJ1	216	Before	Interior Girder 1	56	0.95	1	1	17.78172
SU4_str	BOBJ1	216	Before	Interior Girder 2	56	0.95	1	1	16.400501
SU4_str	BOBJ1	216	Before	Interior Girder 3	56	0.95	1	1	14.463488
SU4_str	BOBJ1	216	Before	Interior Girder 4	56	0.95	1	1	14.695435
SU4_str	BOBJ1	216	Before	Interior Girder 5	56	0.95	1	1	16.387395
SU4_str	BOBJ1	216	Before	Interior Girder 6	56	0.95	1	1	17.780915

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Approach, Span 4-6									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
SU4_str	BOBJ1	216	Before	Right Exterior Girder	56	0.95	1	1	23.684702
SU4_str	BOBJ1	216	After	Left Exterior Girder	56	0.95	1	1	20.365042
SU4_str	BOBJ1	216	After	Interior Girder 1	56	0.95	1	1	12.544182
SU4_str	BOBJ1	216	After	Interior Girder 2	56	0.95	1	1	11.758038
SU4_str	BOBJ1	216	After	Interior Girder 3	56	0.95	1	1	10.557037
SU4_str	BOBJ1	216	After	Interior Girder 4	56	0.95	1	1	10.683024
SU4_str	BOBJ1	216	After	Interior Girder 5	56	0.95	1	1	11.712082
SU4_str	BOBJ1	216	After	Interior Girder 6	56	0.95	1	1	12.604673
SU4_str	BOBJ1	216	After	Right Exterior Girder	56	0.95	1	1	20.393597
SU4_str	BOBJ1	224	Before	Left Exterior Girder	64	0.95	1	1	20.074563
SU4_str	BOBJ1	224	Before	Interior Girder 1	64	0.95	1	1	12.301003
SU4_str	BOBJ1	224	Before	Interior Girder 2	64	0.95	1	1	11.530339
SU4_str	BOBJ1	224	Before	Interior Girder 3	64	0.95	1	1	10.352675
SU4_str	BOBJ1	224	Before	Interior Girder 4	64	0.95	1	1	10.476224
SU4_str	BOBJ1	224	Before	Interior Girder 5	64	0.95	1	1	11.485273
SU4_str	BOBJ1	224	Before	Interior Girder 6	64	0.95	1	1	12.360321
SU4_str	BOBJ1	224	Before	Right Exterior Girder	64	0.95	1	1	20.102711
SU4_str	BOBJ1	224	After	Left Exterior Girder	64	0.95	1	1	13.733937
SU4_str	BOBJ1	224	After	Interior Girder 1	64	0.95	1	1	11.743464
SU4_str	BOBJ1	224	After	Interior Girder 2	64	0.95	1	1	11.028609
SU4_str	BOBJ1	224	After	Interior Girder 3	64	0.95	1	1	10.506476
SU4_str	BOBJ1	224	After	Interior Girder 4	64	0.95	1	1	10.538302
SU4_str	BOBJ1	224	After	Interior Girder 5	64	0.95	1	1	11.01482
SU4_str	BOBJ1	224	After	Interior Girder 6	64	0.95	1	1	11.748086
SU4_str	BOBJ1	224	After	Right Exterior Girder	64	0.95	1	1	13.747805
SU4_str	BOBJ1	232	Before	Left Exterior Girder	72	0.95	1	1	13.531147
SU4_str	BOBJ1	232	Before	Interior Girder 1	72	0.95	1	1	11.508678
SU4_str	BOBJ1	232	Before	Interior Girder 2	72	0.95	1	1	10.809781
SU4_str	BOBJ1	232	Before	Interior Girder 3	72	0.95	1	1	10.296659
SU4_str	BOBJ1	232	Before	Interior Girder 4	72	0.95	1	1	10.327849
SU4_str	BOBJ1	232	Before	Interior Girder 5	72	0.95	1	1	10.796266
SU4_str	BOBJ1	232	Before	Interior Girder 6	72	0.95	1	1	11.513208
SU4_str	BOBJ1	232	Before	Right Exterior Girder	72	0.95	1	1	13.54481
SU4_str	BOBJ1	232	After	Left Exterior Girder	72	0.95	1	1	12.274501
SU4_str	BOBJ1	232	After	Interior Girder 1	72	0.95	1	1	8.418316
SU4_str	BOBJ1	232	After	Interior Girder 2	72	0.95	1	1	7.977476
SU4_str	BOBJ1	232	After	Interior Girder 3	72	0.95	1	1	6.883193
SU4_str	BOBJ1	232	After	Interior Girder 4	72	0.95	1	1	6.958893
SU4_str	BOBJ1	232	After	Interior Girder 5	72	0.95	1	1	7.944405
SU4_str	BOBJ1	232	After	Interior Girder 6	72	0.95	1	1	8.460884
SU4_str	BOBJ1	232	After	Right Exterior Girder	72	0.95	1	1	12.286455
SU4_str	BOBJ1	240	Before	Left Exterior Girder	80	0.95	1	1	12.085635
SU4_str	BOBJ1	240	Before	Interior Girder 1	80	0.95	1	1	8.245872
SU4_str	BOBJ1	240	Before	Interior Girder 2	80	0.95	1	1	7.815026
SU4_str	BOBJ1	240	Before	Interior Girder 3	80	0.95	1	1	6.741768
SU4_str	BOBJ1	240	Before	Interior Girder 4	80	0.95	1	1	6.815913
SU4_str	BOBJ1	240	Before	Interior Girder 5	80	0.95	1	1	7.782629
SU4_str	BOBJ1	240	Before	Interior Girder 6	80	0.95	1	1	8.287567
SU4_str	BOBJ1	240	Before	Right Exterior Girder	80	0.95	1	1	12.097406
SU5_str	BOBJ1	0	After	Left Exterior Girder	0	0.95	1	1	10.901472
SU5_str	BOBJ1	0	After	Interior Girder 1	0	0.95	1	1	8.355353
SU5_str	BOBJ1	0	After	Interior Girder 2	0	0.95	1	1	7.754731
SU5_str	BOBJ1	0	After	Interior Girder 3	0	0.95	1	1	7.155548
SU5_str	BOBJ1	0	After	Interior Girder 4	0	0.95	1	1	7.195318
SU5_str	BOBJ1	0	After	Interior Girder 5	0	0.95	1	1	7.730955
SU5_str	BOBJ1	0	After	Interior Girder 6	0	0.95	1	1	8.387507
SU5_str	BOBJ1	0	After	Right Exterior Girder	0	0.95	1	1	10.915451
SU5_str	BOBJ1	8	Before	Left Exterior Girder	8	0.95	1	1	11.064414
SU5_str	BOBJ1	8	Before	Interior Girder 1	8	0.95	1	1	8.524234
SU5_str	BOBJ1	8	Before	Interior Girder 2	8	0.95	1	1	7.910594
SU5_str	BOBJ1	8	Before	Interior Girder 3	8	0.95	1	1	7.300025
SU5_str	BOBJ1	8	Before	Interior Girder 4	8	0.95	1	1	7.340599
SU5_str	BOBJ1	8	Before	Interior Girder 5	8	0.95	1	1	7.886341
SU5_str	BOBJ1	8	Before	Interior Girder 6	8	0.95	1	1	8.557038
SU5_str	BOBJ1	8	Before	Right Exterior Girder	8	0.95	1	1	11.078601

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Approach, Span 4-6									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
SU5_str	BOBJ1	8	After	Left Exterior Girder	8	0.95	1	1	12.309303
SU5_str	BOBJ1	8	After	Interior Girder 1	8	0.95	1	1	11.727632
SU5_str	BOBJ1	8	After	Interior Girder 2	8	0.95	1	1	10.714866
SU5_str	BOBJ1	8	After	Interior Girder 3	8	0.95	1	1	10.506674
SU5_str	BOBJ1	8	After	Interior Girder 4	8	0.95	1	1	10.523955
SU5_str	BOBJ1	8	After	Interior Girder 5	8	0.95	1	1	10.707828
SU5_str	BOBJ1	8	After	Interior Girder 6	8	0.95	1	1	11.724947
SU5_str	BOBJ1	8	After	Right Exterior Girder	8	0.95	1	1	12.325614
SU5_str	BOBJ1	16	Before	Left Exterior Girder	16	0.95	1	1	12.486285
SU5_str	BOBJ1	16	Before	Interior Girder 1	16	0.95	1	1	11.958905
SU5_str	BOBJ1	16	Before	Interior Girder 2	16	0.95	1	1	10.924788
SU5_str	BOBJ1	16	Before	Interior Girder 3	16	0.95	1	1	10.71304
SU5_str	BOBJ1	16	Before	Interior Girder 4	16	0.95	1	1	10.73066
SU5_str	BOBJ1	16	Before	Interior Girder 5	16	0.95	1	1	10.917612
SU5_str	BOBJ1	16	Before	Interior Girder 6	16	0.95	1	1	11.956167
SU5_str	BOBJ1	16	Before	Right Exterior Girder	16	0.95	1	1	12.50283
SU5_str	BOBJ1	16	After	Left Exterior Girder	16	0.95	1	1	17.010556
SU5_str	BOBJ1	16	After	Interior Girder 1	16	0.95	1	1	13.020093
SU5_str	BOBJ1	16	After	Interior Girder 2	16	0.95	1	1	11.393897
SU5_str	BOBJ1	16	After	Interior Girder 3	16	0.95	1	1	10.419211
SU5_str	BOBJ1	16	After	Interior Girder 4	16	0.95	1	1	10.539136
SU5_str	BOBJ1	16	After	Interior Girder 5	16	0.95	1	1	11.353106
SU5_str	BOBJ1	16	After	Interior Girder 6	16	0.95	1	1	13.08152
SU5_str	BOBJ1	16	After	Right Exterior Girder	16	0.95	1	1	17.034347
SU5_str	BOBJ1	20.5	Before	Left Exterior Girder	20.5	0.95	1	1	17.144695
SU5_str	BOBJ1	20.5	Before	Right Exterior Girder	20.5	0.95	1	1	17.168673
SU5_str	BOBJ1	20.5	After	Left Exterior Girder	20.5	0.95	1	1	18.63861
SU5_str	BOBJ1	20.5	After	Right Exterior Girder	20.5	0.95	1	1	18.661902
SU5_str	BOBJ1	24	Before	Left Exterior Girder	24	0.95	1	1	18.763155
SU5_str	BOBJ1	24	Before	Interior Girder 1	24	0.95	1	1	12.588244
SU5_str	BOBJ1	24	Before	Interior Girder 2	24	0.95	1	1	11.611827
SU5_str	BOBJ1	24	Before	Interior Girder 3	24	0.95	1	1	10.618069
SU5_str	BOBJ1	24	Before	Interior Girder 4	24	0.95	1	1	10.740283
SU5_str	BOBJ1	24	Before	Interior Girder 5	24	0.95	1	1	11.570256
SU5_str	BOBJ1	24	Before	Interior Girder 6	24	0.95	1	1	12.641582
SU5_str	BOBJ1	24	Before	Right Exterior Girder	24	0.95	1	1	18.786602
SU5_str	BOBJ1	24	After	Left Exterior Girder	24	0.95	1	1	21.256629
SU5_str	BOBJ1	24	After	Interior Girder 1	24	0.95	1	1	18.232921
SU5_str	BOBJ1	24	After	Interior Girder 2	24	0.95	1	1	16.105449
SU5_str	BOBJ1	24	After	Interior Girder 3	24	0.95	1	1	13.895421
SU5_str	BOBJ1	24	After	Interior Girder 4	24	0.95	1	1	14.117919
SU5_str	BOBJ1	24	After	Interior Girder 5	24	0.95	1	1	16.095247
SU5_str	BOBJ1	24	After	Interior Girder 6	24	0.95	1	1	18.233465
SU5_str	BOBJ1	24	After	Right Exterior Girder	24	0.95	1	1	21.290241
SU5_str	BOBJ1	32	Before	Left Exterior Girder	32	0.95	1	1	21.574174
SU5_str	BOBJ1	32	Before	Interior Girder 1	32	0.95	1	1	18.481092
SU5_str	BOBJ1	32	Before	Interior Girder 2	32	0.95	1	1	16.399005
SU5_str	BOBJ1	32	Before	Interior Girder 3	32	0.95	1	1	13.648093
SU5_str	BOBJ1	32	Before	Interior Girder 4	32	0.95	1	1	13.866631
SU5_str	BOBJ1	32	Before	Interior Girder 5	32	0.95	1	1	16.332718
SU5_str	BOBJ1	32	Before	Interior Girder 6	32	0.95	1	1	18.573186
SU5_str	BOBJ1	32	Before	Right Exterior Girder	32	0.95	1	1	21.608289
SU5_str	BOBJ1	32	After	Left Exterior Girder	32	0.95	1	1	26.300493
SU5_str	BOBJ1	32	After	Interior Girder 1	32	0.95	1	1	16.967774
SU5_str	BOBJ1	32	After	Interior Girder 2	32	0.95	1	1	15.392885
SU5_str	BOBJ1	32	After	Interior Girder 3	32	0.95	1	1	13.109066
SU5_str	BOBJ1	32	After	Interior Girder 4	32	0.95	1	1	13.29509
SU5_str	BOBJ1	32	After	Interior Girder 5	32	0.95	1	1	15.316498
SU5_str	BOBJ1	32	After	Interior Girder 6	32	0.95	1	1	17.06592
SU5_str	BOBJ1	32	After	Right Exterior Girder	32	0.95	1	1	26.300493
SU5_str	BOBJ1	40	Before	Left Exterior Girder	40	0.95	1	1	25.913394
SU5_str	BOBJ1	40	Before	Interior Girder 1	40	0.95	1	1	17.275351
SU5_str	BOBJ1	40	Before	Interior Girder 2	40	0.95	1	1	15.671851
SU5_str	BOBJ1	40	Before	Interior Girder 3	40	0.95	1	1	13.346957
SU5_str	BOBJ1	40	Before	Interior Girder 4	40	0.95	1	1	13.536356

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Approach, Span 4-(									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
SU5_str	BOBJ1	40	Before	Interior Girder 5	40	0.95	1	1	15.594079
SU5_str	BOBJ1	40	Before	Interior Girder 6	40	0.95	1	1	17.375277
SU5_str	BOBJ1	40	Before	Right Exterior Girder	40	0.95	1	1	25.913394
SU5_str	BOBJ1	40	After	Left Exterior Girder	40	0.95	1	1	21.260437
SU5_str	BOBJ1	40	After	Interior Girder 1	40	0.95	1	1	13.196145
SU5_str	BOBJ1	40	After	Interior Girder 2	40	0.95	1	1	11.788803
SU5_str	BOBJ1	40	After	Interior Girder 3	40	0.95	1	1	10.513389
SU5_str	BOBJ1	40	After	Interior Girder 4	40	0.95	1	1	10.634238
SU5_str	BOBJ1	40	After	Interior Girder 5	40	0.95	1	1	11.743293
SU5_str	BOBJ1	40	After	Interior Girder 6	40	0.95	1	1	13.25828
SU5_str	BOBJ1	40	After	Right Exterior Girder	40	0.95	1	1	21.260437
SU5_str	BOBJ1	46.5	Before	Left Exterior Girder	46.5	0.95	1	1	20.997213
SU5_str	BOBJ1	46.5	Before	Right Exterior Girder	46.5	0.95	1	1	20.997213
SU5_str	BOBJ1	46.5	After	Left Exterior Girder	46.5	0.95	1	1	16.631691
SU5_str	BOBJ1	46.5	After	Right Exterior Girder	46.5	0.95	1	1	16.631691
SU5_str	BOBJ1	48	Before	Left Exterior Girder	48	0.95	1	1	16.587332
SU5_str	BOBJ1	48	Before	Interior Girder 1	48	0.95	1	1	15.046176
SU5_str	BOBJ1	48	Before	Interior Girder 2	48	0.95	1	1	11.567866
SU5_str	BOBJ1	48	Before	Interior Girder 3	48	0.95	1	1	10.316789
SU5_str	BOBJ1	48	Before	Interior Girder 4	48	0.95	1	1	10.435378
SU5_str	BOBJ1	48	Before	Interior Girder 5	48	0.95	1	1	11.523208
SU5_str	BOBJ1	48	Before	Interior Girder 6	48	0.95	1	1	15.101998
SU5_str	BOBJ1	48	Before	Right Exterior Girder	48	0.95	1	1	16.587332
SU5_str	BOBJ1	48	After	Left Exterior Girder	48	0.95	1	1	14.048746
SU5_str	BOBJ1	48	After	Interior Girder 1	48	0.95	1	1	12.61516
SU5_str	BOBJ1	48	After	Interior Girder 2	48	0.95	1	1	11.658035
SU5_str	BOBJ1	48	After	Interior Girder 3	48	0.95	1	1	11.509133
SU5_str	BOBJ1	48	After	Interior Girder 4	48	0.95	1	1	11.537152
SU5_str	BOBJ1	48	After	Interior Girder 5	48	0.95	1	1	11.649606
SU5_str	BOBJ1	48	After	Interior Girder 6	48	0.95	1	1	12.616996
SU5_str	BOBJ1	48	After	Right Exterior Girder	48	0.95	1	1	14.069615
SU5_str	BOBJ1	56	Before	Left Exterior Girder	56	0.95	1	1	13.849803
SU5_str	BOBJ1	56	Before	Interior Girder 1	56	0.95	1	1	12.371316
SU5_str	BOBJ1	56	Before	Interior Girder 2	56	0.95	1	1	11.433984
SU5_str	BOBJ1	56	Before	Interior Girder 3	56	0.95	1	1	11.288021
SU5_str	BOBJ1	56	Before	Interior Girder 4	56	0.95	1	1	11.315501
SU5_str	BOBJ1	56	Before	Interior Girder 5	56	0.95	1	1	11.425718
SU5_str	BOBJ1	56	Before	Interior Girder 6	56	0.95	1	1	12.373117
SU5_str	BOBJ1	56	Before	Right Exterior Girder	56	0.95	1	1	13.870376
SU5_str	BOBJ1	56	After	Left Exterior Girder	56	0.95	1	1	12.601136
SU5_str	BOBJ1	56	After	Interior Girder 1	56	0.95	1	1	9.320258
SU5_str	BOBJ1	56	After	Interior Girder 2	56	0.95	1	1	8.800523
SU5_str	BOBJ1	56	After	Interior Girder 3	56	0.95	1	1	8.13837
SU5_str	BOBJ1	56	After	Interior Girder 4	56	0.95	1	1	8.227643
SU5_str	BOBJ1	56	After	Interior Girder 5	56	0.95	1	1	8.780992
SU5_str	BOBJ1	56	After	Interior Girder 6	56	0.95	1	1	9.340908
SU5_str	BOBJ1	56	After	Right Exterior Girder	56	0.95	1	1	12.617121
SU5_str	BOBJ1	59	Before	Interior Girder 1	59	0.95	1	1	9.250905
SU5_str	BOBJ1	59	Before	Interior Girder 2	59	0.95	1	1	8.735573
SU5_str	BOBJ1	59	Before	Interior Girder 3	59	0.95	1	1	8.078307
SU5_str	BOBJ1	59	Before	Interior Girder 4	59	0.95	1	1	8.166921
SU5_str	BOBJ1	59	Before	Interior Girder 5	59	0.95	1	1	8.716186
SU5_str	BOBJ1	59	Before	Interior Girder 6	59	0.95	1	1	9.271401
SU5_str	BOBJ1	59	After	Interior Girder 1	59	0.95	1	1	6.31688
SU5_str	BOBJ1	59	After	Interior Girder 2	59	0.95	1	1	6.036038
SU5_str	BOBJ1	59	After	Interior Girder 3	59	0.95	1	1	5.42158
SU5_str	BOBJ1	59	After	Interior Girder 4	59	0.95	1	1	5.485394
SU5_str	BOBJ1	59	After	Interior Girder 5	59	0.95	1	1	6.011573
SU5_str	BOBJ1	59	After	Interior Girder 6	59	0.95	1	1	6.349206
SU5_str	BOBJ1	64	Before	Left Exterior Girder	64	0.95	1	1	12.457453
SU5_str	BOBJ1	64	Before	Interior Girder 1	64	0.95	1	1	6.224694
SU5_str	BOBJ1	64	Before	Interior Girder 2	64	0.95	1	1	5.948547
SU5_str	BOBJ1	64	Before	Interior Girder 3	64	0.95	1	1	5.342905
SU5_str	BOBJ1	64	Before	Interior Girder 4	64	0.95	1	1	5.405792
SU5_str	BOBJ1	64	Before	Interior Girder 5	64	0.95	1	1	5.924436

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Approach, Span 4-6									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
SU5_str	BOBJ1	64	Before	Interior Girder 6	64	0.95	1	1	6.256549
SU5_str	BOBJ1	64	Before	Right Exterior Girder	64	0.95	1	1	12.473336
SU5_str	BOBJ1	64	After	Left Exterior Girder	64	0.95	1	1	9.054243
SU5_str	BOBJ1	64	After	Interior Girder 1	64	0.95	1	1	6.908753
SU5_str	BOBJ1	64	After	Interior Girder 2	64	0.95	1	1	6.331014
SU5_str	BOBJ1	64	After	Interior Girder 3	64	0.95	1	1	5.736954
SU5_str	BOBJ1	64	After	Interior Girder 4	64	0.95	1	1	5.752716
SU5_str	BOBJ1	64	After	Interior Girder 5	64	0.95	1	1	6.320836
SU5_str	BOBJ1	64	After	Interior Girder 6	64	0.95	1	1	6.912898
SU5_str	BOBJ1	64	After	Right Exterior Girder	64	0.95	1	1	9.065394
SU5_str	BOBJ1	69	Before	Interior Girder 1	69	0.95	1	1	6.806139
SU5_str	BOBJ1	69	Before	Interior Girder 2	69	0.95	1	1	6.238429
SU5_str	BOBJ1	69	Before	Interior Girder 3	69	0.95	1	1	5.650808
SU5_str	BOBJ1	69	Before	Interior Girder 4	69	0.95	1	1	5.666333
SU5_str	BOBJ1	69	Before	Interior Girder 5	69	0.95	1	1	6.2284
SU5_str	BOBJ1	69	Before	Interior Girder 6	69	0.95	1	1	6.810221
SU5_str	BOBJ1	69	After	Interior Girder 1	69	0.95	1	1	5.698568
SU5_str	BOBJ1	69	After	Interior Girder 2	69	0.95	1	1	5.423991
SU5_str	BOBJ1	69	After	Interior Girder 3	69	0.95	1	1	4.729219
SU5_str	BOBJ1	69	After	Interior Girder 4	69	0.95	1	1	4.757696
SU5_str	BOBJ1	69	After	Interior Girder 5	69	0.95	1	1	5.413258
SU5_str	BOBJ1	69	After	Interior Girder 6	69	0.95	1	1	5.707298
SU5_str	BOBJ1	72	Before	Left Exterior Girder	72	0.95	1	1	6.20717
SU5_str	BOBJ1	72	Before	Interior Girder 1	72	0.95	1	1	5.640258
SU5_str	BOBJ1	72	Before	Interior Girder 2	72	0.95	1	1	5.369565
SU5_str	BOBJ1	72	Before	Interior Girder 3	72	0.95	1	1	4.680327
SU5_str	BOBJ1	72	Before	Interior Girder 4	72	0.95	1	1	4.708509
SU5_str	BOBJ1	72	Before	Interior Girder 5	72	0.95	1	1	5.35894
SU5_str	BOBJ1	72	Before	Interior Girder 6	72	0.95	1	1	5.648899
SU5_str	BOBJ1	72	Before	Right Exterior Girder	72	0.95	1	1	6.214785
SU5_str	BOBJ1	72	After	Left Exterior Girder	72	0.95	1	1	5.843839
SU5_str	BOBJ1	72	After	Interior Girder 1	72	0.95	1	1	6.480353
SU5_str	BOBJ1	72	After	Interior Girder 2	72	0.95	1	1	4.911978
SU5_str	BOBJ1	72	After	Interior Girder 3	72	0.95	1	1	4.172234
SU5_str	BOBJ1	72	After	Interior Girder 4	72	0.95	1	1	4.210002
SU5_str	BOBJ1	72	After	Interior Girder 5	72	0.95	1	1	4.892445
SU5_str	BOBJ1	72	After	Interior Girder 6	72	0.95	1	1	6.512941
SU5_str	BOBJ1	72	After	Right Exterior Girder	72	0.95	1	1	5.850641
SU5_str	BOBJ1	72.5	Before	Left Exterior Girder	72.5	0.95	1	1	5.837583
SU5_str	BOBJ1	72.5	Before	Right Exterior Girder	72.5	0.95	1	1	5.844377
SU5_str	BOBJ1	72.5	After	Left Exterior Girder	72.5	0.95	1	1	8.418948
SU5_str	BOBJ1	72.5	After	Right Exterior Girder	72.5	0.95	1	1	8.428992
SU5_str	BOBJ1	80	Before	Left Exterior Girder	80	0.95	1	1	8.273395
SU5_str	BOBJ1	80	Before	Interior Girder 1	80	0.95	1	1	5.174847
SU5_str	BOBJ1	80	Before	Interior Girder 2	80	0.95	1	1	4.778726
SU5_str	BOBJ1	80	Before	Interior Girder 3	80	0.95	1	1	4.054952
SU5_str	BOBJ1	80	Before	Interior Girder 4	80	0.95	1	1	4.091657
SU5_str	BOBJ1	80	Before	Interior Girder 5	80	0.95	1	1	4.759723
SU5_str	BOBJ1	80	Before	Interior Girder 6	80	0.95	1	1	5.199784
SU5_str	BOBJ1	80	Before	Right Exterior Girder	80	0.95	1	1	8.283265
SU5_str	BOBJ1	80	After	Left Exterior Girder	0	0.95	1	1	9.291234
SU5_str	BOBJ1	80	After	Interior Girder 1	0	0.95	1	1	5.521232
SU5_str	BOBJ1	80	After	Interior Girder 2	0	0.95	1	1	5.147477
SU5_str	BOBJ1	80	After	Interior Girder 3	0	0.95	1	1	4.339041
SU5_str	BOBJ1	80	After	Interior Girder 4	0	0.95	1	1	4.379235
SU5_str	BOBJ1	80	After	Interior Girder 5	0	0.95	1	1	5.126861
SU5_str	BOBJ1	80	After	Interior Girder 6	0	0.95	1	1	5.547744
SU5_str	BOBJ1	80	After	Right Exterior Girder	0	0.95	1	1	9.301726
SU5_str	BOBJ1	87.5	Before	Left Exterior Girder	7.5	0.95	1	1	9.447227
SU5_str	BOBJ1	87.5	Before	Right Exterior Girder	7.5	0.95	1	1	9.457895
SU5_str	BOBJ1	87.5	After	Left Exterior Girder	7.5	0.95	1	1	7.228165
SU5_str	BOBJ1	87.5	After	Right Exterior Girder	7.5	0.95	1	1	7.236634
SU5_str	BOBJ1	88	Before	Left Exterior Girder	8	0.95	1	1	7.235271
SU5_str	BOBJ1	88	Before	Interior Girder 1	8	0.95	1	1	6.345446
SU5_str	BOBJ1	88	Before	Interior Girder 2	8	0.95	1	1	5.284737

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Approach, Span 4-(									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
SU5_str	BOBJ1	88	Before	Interior Girder 3	8	0.95	1	1	4.458911
SU5_str	BOBJ1	88	Before	Interior Girder 4	8	0.95	1	1	4.500215
SU5_str	BOBJ1	88	Before	Interior Girder 5	8	0.95	1	1	5.263572
SU5_str	BOBJ1	88	Before	Interior Girder 6	8	0.95	1	1	6.376414
SU5_str	BOBJ1	88	Before	Right Exterior Girder	8	0.95	1	1	7.243748
SU5_str	BOBJ1	88	After	Left Exterior Girder	8	0.95	1	1	7.652173
SU5_str	BOBJ1	88	After	Interior Girder 1	8	0.95	1	1	6.080887
SU5_str	BOBJ1	88	After	Interior Girder 2	8	0.95	1	1	5.824195
SU5_str	BOBJ1	88	After	Interior Girder 3	8	0.95	1	1	5.082356
SU5_str	BOBJ1	88	After	Interior Girder 4	8	0.95	1	1	5.11386
SU5_str	BOBJ1	88	After	Interior Girder 5	8	0.95	1	1	5.813166
SU5_str	BOBJ1	88	After	Interior Girder 6	8	0.95	1	1	6.089435
SU5_str	BOBJ1	88	After	Right Exterior Girder	8	0.95	1	1	7.661477
SU5_str	BOBJ1	91	Before	Interior Girder 1	11	0.95	1	1	6.140771
SU5_str	BOBJ1	91	Before	Interior Girder 2	11	0.95	1	1	5.880733
SU5_str	BOBJ1	91	Before	Interior Girder 3	11	0.95	1	1	5.133149
SU5_str	BOBJ1	91	Before	Interior Girder 4	11	0.95	1	1	5.164968
SU5_str	BOBJ1	91	Before	Interior Girder 5	11	0.95	1	1	5.869597
SU5_str	BOBJ1	91	Before	Interior Girder 6	11	0.95	1	1	6.149403
SU5_str	BOBJ1	91	After	Interior Girder 1	11	0.95	1	1	7.447326
SU5_str	BOBJ1	91	After	Interior Girder 2	11	0.95	1	1	6.876375
SU5_str	BOBJ1	91	After	Interior Girder 3	11	0.95	1	1	6.246902
SU5_str	BOBJ1	91	After	Interior Girder 4	11	0.95	1	1	6.262942
SU5_str	BOBJ1	91	After	Interior Girder 5	11	0.95	1	1	6.867208
SU5_str	BOBJ1	91	After	Interior Girder 6	11	0.95	1	1	7.449419
SU5_str	BOBJ1	96	Before	Left Exterior Girder	16	0.95	1	1	10.684546
SU5_str	BOBJ1	96	Before	Interior Girder 1	16	0.95	1	1	7.55464
SU5_str	BOBJ1	96	Before	Interior Girder 2	16	0.95	1	1	6.974176
SU5_str	BOBJ1	96	Before	Interior Girder 3	16	0.95	1	1	6.338076
SU5_str	BOBJ1	96	Before	Interior Girder 4	16	0.95	1	1	6.35435
SU5_str	BOBJ1	96	Before	Interior Girder 5	16	0.95	1	1	6.964878
SU5_str	BOBJ1	96	Before	Interior Girder 6	16	0.95	1	1	7.556763
SU5_str	BOBJ1	96	Before	Right Exterior Girder	16	0.95	1	1	10.696689
SU5_str	BOBJ1	96	After	Left Exterior Girder	16	0.95	1	1	10.467842
SU5_str	BOBJ1	96	After	Interior Girder 1	16	0.95	1	1	7.861657
SU5_str	BOBJ1	96	After	Interior Girder 2	16	0.95	1	1	7.428411
SU5_str	BOBJ1	96	After	Interior Girder 3	16	0.95	1	1	6.932178
SU5_str	BOBJ1	96	After	Interior Girder 4	16	0.95	1	1	6.997349
SU5_str	BOBJ1	96	After	Interior Girder 5	16	0.95	1	1	7.402812
SU5_str	BOBJ1	96	After	Interior Girder 6	16	0.95	1	1	7.893366
SU5_str	BOBJ1	96	After	Right Exterior Girder	16	0.95	1	1	10.484014
SU5_str	BOBJ1	104	Before	Left Exterior Girder	24	0.95	1	1	10.642925
SU5_str	BOBJ1	104	Before	Interior Girder 1	24	0.95	1	1	8.039567
SU5_str	BOBJ1	104	Before	Interior Girder 2	24	0.95	1	1	7.595907
SU5_str	BOBJ1	104	Before	Interior Girder 3	24	0.95	1	1	7.088466
SU5_str	BOBJ1	104	Before	Interior Girder 4	24	0.95	1	1	7.155106
SU5_str	BOBJ1	104	Before	Interior Girder 5	24	0.95	1	1	7.569732
SU5_str	BOBJ1	104	Before	Interior Girder 6	24	0.95	1	1	8.071994
SU5_str	BOBJ1	104	Before	Right Exterior Girder	24	0.95	1	1	10.659368
SU5_str	BOBJ1	104	After	Left Exterior Girder	24	0.95	1	1	12.333553
SU5_str	BOBJ1	104	After	Interior Girder 1	24	0.95	1	1	11.193963
SU5_str	BOBJ1	104	After	Interior Girder 2	24	0.95	1	1	10.430932
SU5_str	BOBJ1	104	After	Interior Girder 3	24	0.95	1	1	10.367948
SU5_str	BOBJ1	104	After	Interior Girder 4	24	0.95	1	1	10.390725
SU5_str	BOBJ1	104	After	Interior Girder 5	24	0.95	1	1	10.423888
SU5_str	BOBJ1	104	After	Interior Girder 6	24	0.95	1	1	11.192083
SU5_str	BOBJ1	104	After	Right Exterior Girder	24	0.95	1	1	12.351972
SU5_str	BOBJ1	112	Before	Left Exterior Girder	32	0.95	1	1	12.530094
SU5_str	BOBJ1	112	Before	Interior Girder 1	32	0.95	1	1	11.440209
SU5_str	BOBJ1	112	Before	Interior Girder 2	32	0.95	1	1	10.659079
SU5_str	BOBJ1	112	Before	Interior Girder 3	32	0.95	1	1	10.594548
SU5_str	BOBJ1	112	Before	Interior Girder 4	32	0.95	1	1	10.617823
SU5_str	BOBJ1	112	Before	Interior Girder 5	32	0.95	1	1	10.65188
SU5_str	BOBJ1	112	Before	Interior Girder 6	32	0.95	1	1	11.438288
SU5_str	BOBJ1	112	Before	Right Exterior Girder	32	0.95	1	1	12.548806

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Approach, Span 4-6									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
SU5_str	BOBJ1	112	After	Left Exterior Girder	32	0.95	1	1	21.043783
SU5_str	BOBJ1	112	After	Interior Girder 1	32	0.95	1	1	11.755274
SU5_str	BOBJ1	112	After	Interior Girder 2	32	0.95	1	1	10.753882
SU5_str	BOBJ1	112	After	Interior Girder 3	32	0.95	1	1	9.377923
SU5_str	BOBJ1	112	After	Interior Girder 4	32	0.95	1	1	9.490841
SU5_str	BOBJ1	112	After	Interior Girder 5	32	0.95	1	1	10.702114
SU5_str	BOBJ1	112	After	Interior Girder 6	32	0.95	1	1	11.782863
SU5_str	BOBJ1	112	After	Right Exterior Girder	32	0.95	1	1	21.043783
SU5_str	BOBJ1	120	Before	Left Exterior Girder	40	0.95	1	1	21.366074
SU5_str	BOBJ1	120	Before	Interior Girder 1	40	0.95	1	1	12.004329
SU5_str	BOBJ1	120	Before	Interior Girder 2	40	0.95	1	1	10.981956
SU5_str	BOBJ1	120	Before	Interior Girder 3	40	0.95	1	1	9.576706
SU5_str	BOBJ1	120	Before	Interior Girder 4	40	0.95	1	1	9.692018
SU5_str	BOBJ1	120	Before	Interior Girder 5	40	0.95	1	1	10.92909
SU5_str	BOBJ1	120	Before	Interior Girder 6	40	0.95	1	1	12.032503
SU5_str	BOBJ1	120	Before	Right Exterior Girder	40	0.95	1	1	21.366074
SU5_str	BOBJ1	120	After	Left Exterior Girder	40	0.95	1	1	22.204889
SU5_str	BOBJ1	120	After	Interior Girder 1	40	0.95	1	1	12.122564
SU5_str	BOBJ1	120	After	Interior Girder 2	40	0.95	1	1	11.084786
SU5_str	BOBJ1	120	After	Interior Girder 3	40	0.95	1	1	9.646109
SU5_str	BOBJ1	120	After	Interior Girder 4	40	0.95	1	1	9.763282
SU5_str	BOBJ1	120	After	Interior Girder 5	40	0.95	1	1	11.03076
SU5_str	BOBJ1	120	After	Interior Girder 6	40	0.95	1	1	12.152061
SU5_str	BOBJ1	120	After	Right Exterior Girder	40	0.95	1	1	22.204889
SU5_str	BOBJ1	128	Before	Left Exterior Girder	48	0.95	1	1	21.870686
SU5_str	BOBJ1	128	Before	Interior Girder 1	48	0.95	1	1	11.871264
SU5_str	BOBJ1	128	Before	Interior Girder 2	48	0.95	1	1	10.854751
SU5_str	BOBJ1	128	Before	Interior Girder 3	48	0.95	1	1	9.445994
SU5_str	BOBJ1	128	Before	Interior Girder 4	48	0.95	1	1	9.560737
SU5_str	BOBJ1	128	Before	Interior Girder 5	48	0.95	1	1	10.801847
SU5_str	BOBJ1	128	Before	Interior Girder 6	48	0.95	1	1	11.90015
SU5_str	BOBJ1	128	Before	Right Exterior Girder	48	0.95	1	1	21.870686
SU5_str	BOBJ1	128	After	Left Exterior Girder	48	0.95	1	1	12.908687
SU5_str	BOBJ1	128	After	Interior Girder 1	48	0.95	1	1	11.583852
SU5_str	BOBJ1	128	After	Interior Girder 2	48	0.95	1	1	10.787946
SU5_str	BOBJ1	128	After	Interior Girder 3	48	0.95	1	1	10.724891
SU5_str	BOBJ1	128	After	Interior Girder 4	48	0.95	1	1	10.748598
SU5_str	BOBJ1	128	After	Interior Girder 5	48	0.95	1	1	10.780613
SU5_str	BOBJ1	128	After	Interior Girder 6	48	0.95	1	1	11.58188
SU5_str	BOBJ1	128	After	Right Exterior Girder	48	0.95	1	1	12.928065
SU5_str	BOBJ1	136	Before	Left Exterior Girder	56	0.95	1	1	12.706746
SU5_str	BOBJ1	136	Before	Interior Girder 1	56	0.95	1	1	11.334662
SU5_str	BOBJ1	136	Before	Interior Girder 2	56	0.95	1	1	10.557131
SU5_str	BOBJ1	136	Before	Interior Girder 3	56	0.95	1	1	10.4957
SU5_str	BOBJ1	136	Before	Interior Girder 4	56	0.95	1	1	10.5189
SU5_str	BOBJ1	136	Before	Interior Girder 5	56	0.95	1	1	10.549954
SU5_str	BOBJ1	136	Before	Interior Girder 6	56	0.95	1	1	11.332733
SU5_str	BOBJ1	136	Before	Right Exterior Girder	56	0.95	1	1	12.725821
SU5_str	BOBJ1	136	After	Left Exterior Girder	56	0.95	1	1	10.925104
SU5_str	BOBJ1	136	After	Interior Girder 1	56	0.95	1	1	8.115061
SU5_str	BOBJ1	136	After	Interior Girder 2	56	0.95	1	1	7.6644
SU5_str	BOBJ1	136	After	Interior Girder 3	56	0.95	1	1	7.152706
SU5_str	BOBJ1	136	After	Interior Girder 4	56	0.95	1	1	7.220208
SU5_str	BOBJ1	136	After	Interior Girder 5	56	0.95	1	1	7.638018
SU5_str	BOBJ1	136	After	Interior Girder 6	56	0.95	1	1	8.147901
SU5_str	BOBJ1	136	After	Right Exterior Girder	56	0.95	1	1	10.942031
SU5_str	BOBJ1	144	Before	Left Exterior Girder	64	0.95	1	1	10.745907
SU5_str	BOBJ1	144	Before	Interior Girder 1	64	0.95	1	1	7.935571
SU5_str	BOBJ1	144	Before	Interior Girder 2	64	0.95	1	1	7.495439
SU5_str	BOBJ1	144	Before	Interior Girder 3	64	0.95	1	1	6.995157
SU5_str	BOBJ1	144	Before	Interior Girder 4	64	0.95	1	1	7.061172
SU5_str	BOBJ1	144	Before	Interior Girder 5	64	0.95	1	1	7.469638
SU5_str	BOBJ1	144	Before	Interior Girder 6	64	0.95	1	1	7.967685
SU5_str	BOBJ1	144	Before	Right Exterior Girder	64	0.95	1	1	10.762556
SU5_str	BOBJ1	144	After	Left Exterior Girder	64	0.95	1	1	10.096815

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Approach, Span 4-(									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
SU5_str	BOBJ1	144	After	Interior Girder 1	64	0.95	1	1	7.630103
SU5_str	BOBJ1	144	After	Interior Girder 2	64	0.95	1	1	7.033575
SU5_str	BOBJ1	144	After	Interior Girder 3	64	0.95	1	1	6.437223
SU5_str	BOBJ1	144	After	Interior Girder 4	64	0.95	1	1	6.450495
SU5_str	BOBJ1	144	After	Interior Girder 5	64	0.95	1	1	7.023981
SU5_str	BOBJ1	144	After	Interior Girder 6	64	0.95	1	1	7.632869
SU5_str	BOBJ1	144	After	Right Exterior Girder	64	0.95	1	1	10.108311
SU5_str	BOBJ1	150	Before	Interior Girder 1	70	0.95	1	1	7.499969
SU5_str	BOBJ1	150	Before	Interior Girder 2	70	0.95	1	1	6.915064
SU5_str	BOBJ1	150	Before	Interior Girder 3	70	0.95	1	1	6.326259
SU5_str	BOBJ1	150	Before	Interior Girder 4	70	0.95	1	1	6.339302
SU5_str	BOBJ1	150	Before	Interior Girder 5	70	0.95	1	1	6.905632
SU5_str	BOBJ1	150	Before	Interior Girder 6	70	0.95	1	1	7.502688
SU5_str	BOBJ1	150	After	Interior Girder 1	70	0.95	1	1	5.739942
SU5_str	BOBJ1	150	After	Interior Girder 2	70	0.95	1	1	5.671835
SU5_str	BOBJ1	150	After	Interior Girder 3	70	0.95	1	1	4.895527
SU5_str	BOBJ1	150	After	Interior Girder 4	70	0.95	1	1	4.943677
SU5_str	BOBJ1	150	After	Interior Girder 5	70	0.95	1	1	5.661673
SU5_str	BOBJ1	150	After	Interior Girder 6	70	0.95	1	1	5.747819
SU5_str	BOBJ1	152	Before	Left Exterior Girder	72	0.95	1	1	9.932651
SU5_str	BOBJ1	152	Before	Interior Girder 1	72	0.95	1	1	5.702694
SU5_str	BOBJ1	152	Before	Interior Girder 2	72	0.95	1	1	5.635796
SU5_str	BOBJ1	152	Before	Interior Girder 3	72	0.95	1	1	4.863563
SU5_str	BOBJ1	152	Before	Interior Girder 4	72	0.95	1	1	4.911398
SU5_str	BOBJ1	152	Before	Interior Girder 5	72	0.95	1	1	5.625698
SU5_str	BOBJ1	152	Before	Interior Girder 6	72	0.95	1	1	5.710519
SU5_str	BOBJ1	152	Before	Right Exterior Girder	72	0.95	1	1	9.945019
SU5_str	BOBJ1	152	After	Left Exterior Girder	72	0.95	1	1	8.658153
SU5_str	BOBJ1	152	After	Interior Girder 1	72	0.95	1	1	5.182679
SU5_str	BOBJ1	152	After	Interior Girder 2	72	0.95	1	1	5.300351
SU5_str	BOBJ1	152	After	Interior Girder 3	72	0.95	1	1	4.492475
SU5_str	BOBJ1	152	After	Interior Girder 4	72	0.95	1	1	4.534567
SU5_str	BOBJ1	152	After	Interior Girder 5	72	0.95	1	1	5.27931
SU5_str	BOBJ1	152	After	Interior Girder 6	72	0.95	1	1	5.205861
SU5_str	BOBJ1	152	After	Right Exterior Girder	72	0.95	1	1	8.668024
SU5_str	BOBJ1	154	Before	Left Exterior Girder	74	0.95	1	1	8.623409
SU5_str	BOBJ1	154	Before	Right Exterior Girder	74	0.95	1	1	8.633241
SU5_str	BOBJ1	154	After	Left Exterior Girder	74	0.95	1	1	8.814844
SU5_str	BOBJ1	154	After	Right Exterior Girder	74	0.95	1	1	8.824643
SU5_str	BOBJ1	160	Before	Left Exterior Girder	80	0.95	1	1	8.694686
SU5_str	BOBJ1	160	Before	Interior Girder 1	80	0.95	1	1	5.544383
SU5_str	BOBJ1	160	Before	Interior Girder 2	80	0.95	1	1	5.164316
SU5_str	BOBJ1	160	Before	Interior Girder 3	80	0.95	1	1	4.3735
SU5_str	BOBJ1	160	Before	Interior Girder 4	80	0.95	1	1	4.414477
SU5_str	BOBJ1	160	Before	Interior Girder 5	80	0.95	1	1	5.143815
SU5_str	BOBJ1	160	Before	Interior Girder 6	80	0.95	1	1	5.571065
SU5_str	BOBJ1	160	Before	Right Exterior Girder	80	0.95	1	1	8.704351
SU5_str	BOBJ1	160	After	Left Exterior Girder	0	0.95	1	1	7.707806
SU5_str	BOBJ1	160	After	Interior Girder 1	0	0.95	1	1	5.178207
SU5_str	BOBJ1	160	After	Interior Girder 2	0	0.95	1	1	4.784232
SU5_str	BOBJ1	160	After	Interior Girder 3	0	0.95	1	1	4.079657
SU5_str	BOBJ1	160	After	Interior Girder 4	0	0.95	1	1	4.11351
SU5_str	BOBJ1	160	After	Interior Girder 5	0	0.95	1	1	4.765478
SU5_str	BOBJ1	160	After	Interior Girder 6	0	0.95	1	1	5.203031
SU5_str	BOBJ1	160	After	Right Exterior Girder	0	0.95	1	1	7.716562
SU5_str	BOBJ1	166	Before	Left Exterior Girder	6	0.95	1	1	7.819389
SU5_str	BOBJ1	166	Before	Right Exterior Girder	6	0.95	1	1	7.828272
SU5_str	BOBJ1	166	After	Left Exterior Girder	6	0.95	1	1	7.41615
SU5_str	BOBJ1	166	After	Right Exterior Girder	6	0.95	1	1	7.424813
SU5_str	BOBJ1	168	Before	Left Exterior Girder	8	0.95	1	1	7.447667
SU5_str	BOBJ1	168	Before	Interior Girder 1	8	0.95	1	1	4.919357
SU5_str	BOBJ1	168	Before	Interior Girder 2	8	0.95	1	1	4.915855
SU5_str	BOBJ1	168	Before	Interior Girder 3	8	0.95	1	1	4.196004
SU5_str	BOBJ1	168	Before	Interior Girder 4	8	0.95	1	1	4.230822
SU5_str	BOBJ1	168	Before	Interior Girder 5	8	0.95	1	1	4.896585

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Approach, Span 4-6									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
SU5_str	BOBJ1	168	Before	Interior Girder 6	8	0.95	1	1	4.938603
SU5_str	BOBJ1	168	Before	Right Exterior Girder	8	0.95	1	1	7.456368
SU5_str	BOBJ1	168	After	Left Exterior Girder	8	0.95	1	1	8.443647
SU5_str	BOBJ1	168	After	Interior Girder 1	8	0.95	1	1	5.277961
SU5_str	BOBJ1	168	After	Interior Girder 2	8	0.95	1	1	5.194514
SU5_str	BOBJ1	168	After	Interior Girder 3	8	0.95	1	1	4.493017
SU5_str	BOBJ1	168	After	Interior Girder 4	8	0.95	1	1	4.525683
SU5_str	BOBJ1	168	After	Interior Girder 5	8	0.95	1	1	5.185004
SU5_str	BOBJ1	168	After	Interior Girder 6	8	0.95	1	1	5.285663
SU5_str	BOBJ1	168	After	Right Exterior Girder	8	0.95	1	1	8.453497
SU5_str	BOBJ1	170	Before	Interior Girder 1	10	0.95	1	1	5.314112
SU5_str	BOBJ1	170	Before	Interior Girder 2	10	0.95	1	1	5.229162
SU5_str	BOBJ1	170	Before	Interior Girder 3	10	0.95	1	1	4.523922
SU5_str	BOBJ1	170	Before	Interior Girder 4	10	0.95	1	1	4.556813
SU5_str	BOBJ1	170	Before	Interior Girder 5	10	0.95	1	1	5.219588
SU5_str	BOBJ1	170	Before	Interior Girder 6	10	0.95	1	1	5.321867
SU5_str	BOBJ1	170	After	Interior Girder 1	10	0.95	1	1	6.809706
SU5_str	BOBJ1	170	After	Interior Girder 2	10	0.95	1	1	6.239849
SU5_str	BOBJ1	170	After	Interior Girder 3	10	0.95	1	1	5.708013
SU5_str	BOBJ1	170	After	Interior Girder 4	10	0.95	1	1	5.721737
SU5_str	BOBJ1	170	After	Interior Girder 5	10	0.95	1	1	6.229761
SU5_str	BOBJ1	170	After	Interior Girder 6	10	0.95	1	1	6.814117
SU5_str	BOBJ1	176	Before	Left Exterior Girder	16	0.95	1	1	8.50174
SU5_str	BOBJ1	176	Before	Interior Girder 1	16	0.95	1	1	6.933046
SU5_str	BOBJ1	176	Before	Interior Girder 2	16	0.95	1	1	6.351345
SU5_str	BOBJ1	176	Before	Interior Girder 3	16	0.95	1	1	5.812719
SU5_str	BOBJ1	176	Before	Interior Girder 4	16	0.95	1	1	5.826694
SU5_str	BOBJ1	176	Before	Interior Girder 5	16	0.95	1	1	6.341077
SU5_str	BOBJ1	176	Before	Interior Girder 6	16	0.95	1	1	6.937537
SU5_str	BOBJ1	176	Before	Right Exterior Girder	16	0.95	1	1	8.512657
SU5_str	BOBJ1	176	After	Left Exterior Girder	16	0.95	1	1	12.020399
SU5_str	BOBJ1	176	After	Interior Girder 1	16	0.95	1	1	6.112859
SU5_str	BOBJ1	176	After	Interior Girder 2	16	0.95	1	1	5.951909
SU5_str	BOBJ1	176	After	Interior Girder 3	16	0.95	1	1	5.385305
SU5_str	BOBJ1	176	After	Interior Girder 4	16	0.95	1	1	5.448849
SU5_str	BOBJ1	176	After	Interior Girder 5	16	0.95	1	1	5.927899
SU5_str	BOBJ1	176	After	Interior Girder 6	16	0.95	1	1	6.14379
SU5_str	BOBJ1	176	After	Right Exterior Girder	16	0.95	1	1	12.034912
SU5_str	BOBJ1	181	Before	Interior Girder 1	21	0.95	1	1	6.203535
SU5_str	BOBJ1	181	Before	Interior Girder 2	21	0.95	1	1	6.039384
SU5_str	BOBJ1	181	Before	Interior Girder 3	21	0.95	1	1	5.464455
SU5_str	BOBJ1	181	Before	Interior Girder 4	21	0.95	1	1	5.528934
SU5_str	BOBJ1	181	Before	Interior Girder 5	21	0.95	1	1	6.015021
SU5_str	BOBJ1	181	Before	Interior Girder 6	21	0.95	1	1	6.234924
SU5_str	BOBJ1	181	After	Interior Girder 1	21	0.95	1	1	8.561255
SU5_str	BOBJ1	181	After	Interior Girder 2	21	0.95	1	1	8.264996
SU5_str	BOBJ1	181	After	Interior Girder 3	21	0.95	1	1	7.708538
SU5_str	BOBJ1	181	After	Interior Girder 4	21	0.95	1	1	7.793287
SU5_str	BOBJ1	181	After	Interior Girder 5	21	0.95	1	1	8.246769
SU5_str	BOBJ1	181	After	Interior Girder 6	21	0.95	1	1	8.580226
SU5_str	BOBJ1	184	Before	Left Exterior Girder	24	0.95	1	1	12.121356
SU5_str	BOBJ1	184	Before	Interior Girder 1	24	0.95	1	1	8.62796
SU5_str	BOBJ1	184	Before	Interior Girder 2	24	0.95	1	1	8.32866
SU5_str	BOBJ1	184	Before	Interior Girder 3	24	0.95	1	1	7.767864
SU5_str	BOBJ1	184	Before	Interior Girder 4	24	0.95	1	1	7.853266
SU5_str	BOBJ1	184	Before	Interior Girder 5	24	0.95	1	1	8.310292
SU5_str	BOBJ1	184	Before	Interior Girder 6	24	0.95	1	1	8.647078
SU5_str	BOBJ1	184	Before	Right Exterior Girder	24	0.95	1	1	12.135739
SU5_str	BOBJ1	184	After	Left Exterior Girder	24	0.95	1	1	13.434408
SU5_str	BOBJ1	184	After	Interior Girder 1	24	0.95	1	1	11.331891
SU5_str	BOBJ1	184	After	Interior Girder 2	24	0.95	1	1	10.853221
SU5_str	BOBJ1	184	After	Interior Girder 3	24	0.95	1	1	10.839251
SU5_str	BOBJ1	184	After	Interior Girder 4	24	0.95	1	1	10.865931
SU5_str	BOBJ1	184	After	Interior Girder 5	24	0.95	1	1	10.845046
SU5_str	BOBJ1	184	After	Interior Girder 6	24	0.95	1	1	11.333562

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Approach, Span 4-6									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
SU5_str	BOBJ1	184	After	Right Exterior Girder	24	0.95	1	1	13.453495
SU5_str	BOBJ1	192	Before	Left Exterior Girder	32	0.95	1	1	13.634811
SU5_str	BOBJ1	192	Before	Interior Girder 1	32	0.95	1	1	11.563811
SU5_str	BOBJ1	192	Before	Interior Girder 2	32	0.95	1	1	11.073416
SU5_str	BOBJ1	192	Before	Interior Girder 3	32	0.95	1	1	11.058916
SU5_str	BOBJ1	192	Before	Interior Girder 4	32	0.95	1	1	11.086136
SU5_str	BOBJ1	192	Before	Interior Girder 5	32	0.95	1	1	11.065075
SU5_str	BOBJ1	192	Before	Interior Girder 6	32	0.95	1	1	11.565516
SU5_str	BOBJ1	192	Before	Right Exterior Girder	32	0.95	1	1	13.654182
SU5_str	BOBJ1	192	After	Left Exterior Girder	32	0.95	1	1	20.838286
SU5_str	BOBJ1	192	After	Interior Girder 1	32	0.95	1	1	11.967114
SU5_str	BOBJ1	192	After	Interior Girder 2	32	0.95	1	1	11.08893
SU5_str	BOBJ1	192	After	Interior Girder 3	32	0.95	1	1	9.940275
SU5_str	BOBJ1	192	After	Interior Girder 4	32	0.95	1	1	10.054869
SU5_str	BOBJ1	192	After	Interior Girder 5	32	0.95	1	1	11.046132
SU5_str	BOBJ1	192	After	Interior Girder 6	32	0.95	1	1	12.023274
SU5_str	BOBJ1	192	After	Right Exterior Girder	32	0.95	1	1	20.838286
SU5_str	BOBJ1	200	Before	Left Exterior Girder	40	0.95	1	1	21.139504
SU5_str	BOBJ1	200	Before	Interior Girder 1	40	0.95	1	1	12.203535
SU5_str	BOBJ1	200	Before	Interior Girder 2	40	0.95	1	1	11.307846
SU5_str	BOBJ1	200	Before	Interior Girder 3	40	0.95	1	1	10.135958
SU5_str	BOBJ1	200	Before	Interior Girder 4	40	0.95	1	1	10.252807
SU5_str	BOBJ1	200	Before	Interior Girder 5	40	0.95	1	1	11.264203
SU5_str	BOBJ1	200	Before	Interior Girder 6	40	0.95	1	1	12.260805
SU5_str	BOBJ1	200	Before	Right Exterior Girder	40	0.95	1	1	21.139504
SU5_str	BOBJ1	200	After	Left Exterior Girder	40	0.95	1	1	25.960318
SU5_str	BOBJ1	200	After	Interior Girder 1	40	0.95	1	1	16.792417
SU5_str	BOBJ1	200	After	Interior Girder 2	40	0.95	1	1	14.88039
SU5_str	BOBJ1	200	After	Interior Girder 3	40	0.95	1	1	12.61566
SU5_str	BOBJ1	200	After	Interior Girder 4	40	0.95	1	1	12.790591
SU5_str	BOBJ1	200	After	Interior Girder 5	40	0.95	1	1	14.806803
SU5_str	BOBJ1	200	After	Interior Girder 6	40	0.95	1	1	16.892152
SU5_str	BOBJ1	200	After	Right Exterior Girder	40	0.95	1	1	25.960318
SU5_str	BOBJ1	208	Before	Left Exterior Girder	48	0.95	1	1	26.321885
SU5_str	BOBJ1	208	Before	Interior Girder 1	48	0.95	1	1	16.485055
SU5_str	BOBJ1	208	Before	Interior Girder 2	48	0.95	1	1	14.607357
SU5_str	BOBJ1	208	Before	Interior Girder 3	48	0.95	1	1	12.383714
SU5_str	BOBJ1	208	Before	Interior Girder 4	48	0.95	1	1	12.555428
SU5_str	BOBJ1	208	Before	Interior Girder 5	48	0.95	1	1	14.535121
SU5_str	BOBJ1	208	Before	Interior Girder 6	48	0.95	1	1	16.582965
SU5_str	BOBJ1	208	Before	Right Exterior Girder	48	0.95	1	1	26.321885
SU5_str	BOBJ1	208	After	Left Exterior Girder	48	0.95	1	1	21.582602
SU5_str	BOBJ1	208	After	Interior Girder 1	48	0.95	1	1	16.68114
SU5_str	BOBJ1	208	After	Interior Girder 2	48	0.95	1	1	15.375082
SU5_str	BOBJ1	208	After	Interior Girder 3	48	0.95	1	1	13.57414
SU5_str	BOBJ1	208	After	Interior Girder 4	48	0.95	1	1	13.790507
SU5_str	BOBJ1	208	After	Interior Girder 5	48	0.95	1	1	15.363804
SU5_str	BOBJ1	208	After	Interior Girder 6	48	0.95	1	1	16.682041
SU5_str	BOBJ1	208	After	Right Exterior Girder	48	0.95	1	1	21.61782
SU5_str	BOBJ1	216	Before	Left Exterior Girder	56	0.95	1	1	21.28588
SU5_str	BOBJ1	216	Before	Interior Girder 1	56	0.95	1	1	16.365498
SU5_str	BOBJ1	216	Before	Interior Girder 2	56	0.95	1	1	15.085005
SU5_str	BOBJ1	216	Before	Interior Girder 3	56	0.95	1	1	13.827768
SU5_str	BOBJ1	216	Before	Interior Girder 4	56	0.95	1	1	14.048178
SU5_str	BOBJ1	216	Before	Interior Girder 5	56	0.95	1	1	15.07394
SU5_str	BOBJ1	216	Before	Interior Girder 6	56	0.95	1	1	16.366382
SU5_str	BOBJ1	216	Before	Right Exterior Girder	56	0.95	1	1	21.320614
SU5_str	BOBJ1	216	After	Left Exterior Girder	56	0.95	1	1	18.194366
SU5_str	BOBJ1	216	After	Interior Girder 1	56	0.95	1	1	11.532416
SU5_str	BOBJ1	216	After	Interior Girder 2	56	0.95	1	1	10.829837
SU5_str	BOBJ1	216	After	Interior Girder 3	56	0.95	1	1	9.818184
SU5_str	BOBJ1	216	After	Interior Girder 4	56	0.95	1	1	9.928642
SU5_str	BOBJ1	216	After	Interior Girder 5	56	0.95	1	1	10.789576
SU5_str	BOBJ1	216	After	Interior Girder 6	56	0.95	1	1	11.584236
SU5_str	BOBJ1	216	After	Right Exterior Girder	56	0.95	1	1	18.217153

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Approach, Span 4-(									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
SU5_str	BOBJ1	224	Before	Left Exterior Girder	64	0.95	1	1	17.934849
SU5_str	BOBJ1	224	Before	Interior Girder 1	64	0.95	1	1	11.308851
SU5_str	BOBJ1	224	Before	Interior Girder 2	64	0.95	1	1	10.620112
SU5_str	BOBJ1	224	Before	Interior Girder 3	64	0.95	1	1	9.628125
SU5_str	BOBJ1	224	Before	Interior Girder 4	64	0.95	1	1	9.736445
SU5_str	BOBJ1	224	Before	Interior Girder 5	64	0.95	1	1	10.580631
SU5_str	BOBJ1	224	Before	Interior Girder 6	64	0.95	1	1	11.359667
SU5_str	BOBJ1	224	Before	Right Exterior Girder	64	0.95	1	1	17.957311
SU5_str	BOBJ1	224	After	Left Exterior Girder	64	0.95	1	1	12.269943
SU5_str	BOBJ1	224	After	Interior Girder 1	64	0.95	1	1	10.694212
SU5_str	BOBJ1	224	After	Interior Girder 2	64	0.95	1	1	10.059183
SU5_str	BOBJ1	224	After	Interior Girder 3	64	0.95	1	1	9.613353
SU5_str	BOBJ1	224	After	Interior Girder 4	64	0.95	1	1	9.639424
SU5_str	BOBJ1	224	After	Interior Girder 5	64	0.95	1	1	10.047856
SU5_str	BOBJ1	224	After	Interior Girder 6	64	0.95	1	1	10.699095
SU5_str	BOBJ1	224	After	Right Exterior Girder	64	0.95	1	1	12.282288
SU5_str	BOBJ1	232	Before	Left Exterior Girder	72	0.95	1	1	12.08877
SU5_str	BOBJ1	232	Before	Interior Girder 1	72	0.95	1	1	10.480403
SU5_str	BOBJ1	232	Before	Interior Girder 2	72	0.95	1	1	9.85959
SU5_str	BOBJ1	232	Before	Interior Girder 3	72	0.95	1	1	9.421372
SU5_str	BOBJ1	232	Before	Interior Girder 4	72	0.95	1	1	9.446922
SU5_str	BOBJ1	232	Before	Interior Girder 5	72	0.95	1	1	9.848488
SU5_str	BOBJ1	232	Before	Interior Girder 6	72	0.95	1	1	10.485189
SU5_str	BOBJ1	232	Before	Right Exterior Girder	72	0.95	1	1	12.100933
SU5_str	BOBJ1	232	After	Left Exterior Girder	72	0.95	1	1	10.87537
SU5_str	BOBJ1	232	After	Interior Girder 1	72	0.95	1	1	7.687521
SU5_str	BOBJ1	232	After	Interior Girder 2	72	0.95	1	1	7.304823
SU5_str	BOBJ1	232	After	Interior Girder 3	72	0.95	1	1	6.366061
SU5_str	BOBJ1	232	After	Interior Girder 4	72	0.95	1	1	6.432142
SU5_str	BOBJ1	232	After	Interior Girder 5	72	0.95	1	1	7.276201
SU5_str	BOBJ1	232	After	Interior Girder 6	72	0.95	1	1	7.723507
SU5_str	BOBJ1	232	After	Right Exterior Girder	72	0.95	1	1	10.885756
SU5_str	BOBJ1	240	Before	Left Exterior Girder	80	0.95	1	1	10.708032
SU5_str	BOBJ1	240	Before	Interior Girder 1	80	0.95	1	1	7.530046
SU5_str	BOBJ1	240	Before	Interior Girder 2	80	0.95	1	1	7.156071
SU5_str	BOBJ1	240	Before	Interior Girder 3	80	0.95	1	1	6.235261
SU5_str	BOBJ1	240	Before	Interior Girder 4	80	0.95	1	1	6.299984
SU5_str	BOBJ1	240	Before	Interior Girder 5	80	0.95	1	1	7.128032
SU5_str	BOBJ1	240	Before	Interior Girder 6	80	0.95	1	1	7.565295
SU5_str	BOBJ1	240	Before	Right Exterior Girder	80	0.95	1	1	10.718259
SU6_str	BOBJ1	0	After	Left Exterior Girder	0	0.95	1	1	9.887565
SU6_str	BOBJ1	0	After	Interior Girder 1	0	0.95	1	1	7.713137
SU6_str	BOBJ1	0	After	Interior Girder 2	0	0.95	1	1	7.118504
SU6_str	BOBJ1	0	After	Interior Girder 3	0	0.95	1	1	6.555666
SU6_str	BOBJ1	0	After	Interior Girder 4	0	0.95	1	1	6.595988
SU6_str	BOBJ1	0	After	Interior Girder 5	0	0.95	1	1	7.100213
SU6_str	BOBJ1	0	After	Interior Girder 6	0	0.95	1	1	7.73265
SU6_str	BOBJ1	0	After	Right Exterior Girder	0	0.95	1	1	9.898361
SU6_str	BOBJ1	8	Before	Left Exterior Girder	8	0.95	1	1	10.035352
SU6_str	BOBJ1	8	Before	Interior Girder 1	8	0.95	1	1	7.869038
SU6_str	BOBJ1	8	Before	Interior Girder 2	8	0.95	1	1	7.26158
SU6_str	BOBJ1	8	Before	Interior Girder 3	8	0.95	1	1	6.688031
SU6_str	BOBJ1	8	Before	Interior Girder 4	8	0.95	1	1	6.729167
SU6_str	BOBJ1	8	Before	Interior Girder 5	8	0.95	1	1	7.242921
SU6_str	BOBJ1	8	Before	Interior Girder 6	8	0.95	1	1	7.888945
SU6_str	BOBJ1	8	Before	Right Exterior Girder	8	0.95	1	1	10.04631
SU6_str	BOBJ1	8	After	Left Exterior Girder	8	0.95	1	1	11.374366
SU6_str	BOBJ1	8	After	Interior Girder 1	8	0.95	1	1	11.086187
SU6_str	BOBJ1	8	After	Interior Girder 2	8	0.95	1	1	9.897083
SU6_str	BOBJ1	8	After	Interior Girder 3	8	0.95	1	1	9.724729
SU6_str	BOBJ1	8	After	Interior Girder 4	8	0.95	1	1	9.89566
SU6_str	BOBJ1	8	After	Interior Girder 5	8	0.95	1	1	10.06153
SU6_str	BOBJ1	8	After	Interior Girder 6	8	0.95	1	1	11.136477
SU6_str	BOBJ1	8	After	Right Exterior Girder	8	0.95	1	1	11.387243
SU6_str	BOBJ1	16	Before	Left Exterior Girder	16	0.95	1	1	11.537905

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Approach, Span 4-6									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
SU6_str	BOBJ1	16	Before	Interior Girder 1	16	0.95	1	1	11.30481
SU6_str	BOBJ1	16	Before	Interior Girder 2	16	0.95	1	1	10.090984
SU6_str	BOBJ1	16	Before	Interior Girder 3	16	0.95	1	1	9.915736
SU6_str	BOBJ1	16	Before	Interior Girder 4	16	0.95	1	1	10.090024
SU6_str	BOBJ1	16	Before	Interior Girder 5	16	0.95	1	1	10.258653
SU6_str	BOBJ1	16	Before	Interior Girder 6	16	0.95	1	1	11.356092
SU6_str	BOBJ1	16	Before	Right Exterior Girder	16	0.95	1	1	11.550968
SU6_str	BOBJ1	16	After	Left Exterior Girder	16	0.95	1	1	15.549861
SU6_str	BOBJ1	16	After	Interior Girder 1	16	0.95	1	1	12.074083
SU6_str	BOBJ1	16	After	Interior Girder 2	16	0.95	1	1	10.56856
SU6_str	BOBJ1	16	After	Interior Girder 3	16	0.95	1	1	9.775674
SU6_str	BOBJ1	16	After	Interior Girder 4	16	0.95	1	1	10.102966
SU6_str	BOBJ1	16	After	Interior Girder 5	16	0.95	1	1	10.770444
SU6_str	BOBJ1	16	After	Interior Girder 6	16	0.95	1	1	12.119574
SU6_str	BOBJ1	16	After	Right Exterior Girder	16	0.95	1	1	15.572873
SU6_str	BOBJ1	20.5	Before	Left Exterior Girder	20.5	0.95	1	1	15.672481
SU6_str	BOBJ1	20.5	Before	Right Exterior Girder	20.5	0.95	1	1	15.695674
SU6_str	BOBJ1	20.5	After	Left Exterior Girder	20.5	0.95	1	1	16.741364
SU6_str	BOBJ1	20.5	After	Right Exterior Girder	20.5	0.95	1	1	16.768723
SU6_str	BOBJ1	24	Before	Left Exterior Girder	24	0.95	1	1	16.853231
SU6_str	BOBJ1	24	Before	Interior Girder 1	24	0.95	1	1	11.866007
SU6_str	BOBJ1	24	Before	Interior Girder 2	24	0.95	1	1	10.770704
SU6_str	BOBJ1	24	Before	Interior Girder 3	24	0.95	1	1	9.96225
SU6_str	BOBJ1	24	Before	Interior Girder 4	24	0.95	1	1	10.295789
SU6_str	BOBJ1	24	Before	Interior Girder 5	24	0.95	1	1	10.976449
SU6_str	BOBJ1	24	Before	Interior Girder 6	24	0.95	1	1	11.900593
SU6_str	BOBJ1	24	Before	Right Exterior Girder	24	0.95	1	1	16.880773
SU6_str	BOBJ1	24	After	Left Exterior Girder	24	0.95	1	1	19.892771
SU6_str	BOBJ1	24	After	Interior Girder 1	24	0.95	1	1	17.490749
SU6_str	BOBJ1	24	After	Interior Girder 2	24	0.95	1	1	15.035448
SU6_str	BOBJ1	24	After	Interior Girder 3	24	0.95	1	1	12.967059
SU6_str	BOBJ1	24	After	Interior Girder 4	24	0.95	1	1	13.533488
SU6_str	BOBJ1	24	After	Interior Girder 5	24	0.95	1	1	15.503627
SU6_str	BOBJ1	24	After	Interior Girder 6	24	0.95	1	1	17.699892
SU6_str	BOBJ1	24	After	Right Exterior Girder	24	0.95	1	1	19.924739
SU6_str	BOBJ1	32	Before	Left Exterior Girder	32	0.95	1	1	20.189942
SU6_str	BOBJ1	32	Before	Interior Girder 1	32	0.95	1	1	17.487842
SU6_str	BOBJ1	32	Before	Interior Girder 2	32	0.95	1	1	15.156727
SU6_str	BOBJ1	32	Before	Interior Girder 3	32	0.95	1	1	12.736255
SU6_str	BOBJ1	32	Before	Interior Girder 4	32	0.95	1	1	13.292602
SU6_str	BOBJ1	32	Before	Interior Girder 5	32	0.95	1	1	15.641418
SU6_str	BOBJ1	32	Before	Interior Girder 6	32	0.95	1	1	17.846343
SU6_str	BOBJ1	32	Before	Right Exterior Girder	32	0.95	1	1	20.222388
SU6_str	BOBJ1	32	After	Left Exterior Girder	32	0.95	1	1	25.122019
SU6_str	BOBJ1	32	After	Interior Girder 1	32	0.95	1	1	16.136865
SU6_str	BOBJ1	32	After	Interior Girder 2	32	0.95	1	1	14.30714
SU6_str	BOBJ1	32	After	Interior Girder 3	32	0.95	1	1	12.29071
SU6_str	BOBJ1	32	After	Interior Girder 4	32	0.95	1	1	12.795879
SU6_str	BOBJ1	32	After	Interior Girder 5	32	0.95	1	1	14.738879
SU6_str	BOBJ1	32	After	Interior Girder 6	32	0.95	1	1	16.38529
SU6_str	BOBJ1	32	After	Right Exterior Girder	32	0.95	1	1	25.122019
SU6_str	BOBJ1	40	Before	Left Exterior Girder	40	0.95	1	1	24.752266
SU6_str	BOBJ1	40	Before	Interior Girder 1	40	0.95	1	1	16.429381
SU6_str	BOBJ1	40	Before	Interior Girder 2	40	0.95	1	1	14.566429
SU6_str	BOBJ1	40	Before	Interior Girder 3	40	0.95	1	1	12.51375
SU6_str	BOBJ1	40	Before	Interior Girder 4	40	0.95	1	1	13.028086
SU6_str	BOBJ1	40	Before	Interior Girder 5	40	0.95	1	1	15.005993
SU6_str	BOBJ1	40	Before	Interior Girder 6	40	0.95	1	1	16.682309
SU6_str	BOBJ1	40	Before	Right Exterior Girder	40	0.95	1	1	24.752266
SU6_str	BOBJ1	40	After	Left Exterior Girder	40	0.95	1	1	19.613752
SU6_str	BOBJ1	40	After	Interior Girder 1	40	0.95	1	1	12.518725
SU6_str	BOBJ1	40	After	Interior Girder 2	40	0.95	1	1	10.955019
SU6_str	BOBJ1	40	After	Interior Girder 3	40	0.95	1	1	9.867198
SU6_str	BOBJ1	40	After	Interior Girder 4	40	0.95	1	1	10.198429
SU6_str	BOBJ1	40	After	Interior Girder 5	40	0.95	1	1	11.170374

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Approach, Span 4-6									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
SU6_str	BOBJ1	40	After	Interior Girder 6	40	0.95	1	1	12.56082
SU6_str	BOBJ1	40	After	Right Exterior Girder	40	0.95	1	1	19.613752
SU6_str	BOBJ1	46.5	Before	Left Exterior Girder	46.5	0.95	1	1	19.370916
SU6_str	BOBJ1	46.5	Before	Right Exterior Girder	46.5	0.95	1	1	19.370916
SU6_str	BOBJ1	46.5	After	Left Exterior Girder	46.5	0.95	1	1	15.023415
SU6_str	BOBJ1	46.5	After	Right Exterior Girder	46.5	0.95	1	1	15.023415
SU6_str	BOBJ1	48	Before	Left Exterior Girder	48	0.95	1	1	14.983345
SU6_str	BOBJ1	48	Before	Interior Girder 1	48	0.95	1	1	13.746912
SU6_str	BOBJ1	48	Before	Interior Girder 2	48	0.95	1	1	10.749707
SU6_str	BOBJ1	48	Before	Interior Girder 3	48	0.95	1	1	9.682682
SU6_str	BOBJ1	48	Before	Interior Girder 4	48	0.95	1	1	10.007719
SU6_str	BOBJ1	48	Before	Interior Girder 5	48	0.95	1	1	10.961027
SU6_str	BOBJ1	48	Before	Interior Girder 6	48	0.95	1	1	13.824868
SU6_str	BOBJ1	48	Before	Right Exterior Girder	48	0.95	1	1	14.983345
SU6_str	BOBJ1	48	After	Left Exterior Girder	48	0.95	1	1	12.981871
SU6_str	BOBJ1	48	After	Interior Girder 1	48	0.95	1	1	12.000764
SU6_str	BOBJ1	48	After	Interior Girder 2	48	0.95	1	1	10.838227
SU6_str	BOBJ1	48	After	Interior Girder 3	48	0.95	1	1	10.710596
SU6_str	BOBJ1	48	After	Interior Girder 4	48	0.95	1	1	10.944899
SU6_str	BOBJ1	48	After	Interior Girder 5	48	0.95	1	1	11.063807
SU6_str	BOBJ1	48	After	Interior Girder 6	48	0.95	1	1	12.084654
SU6_str	BOBJ1	48	After	Right Exterior Girder	48	0.95	1	1	13.001552
SU6_str	BOBJ1	56	Before	Left Exterior Girder	56	0.95	1	1	12.798036
SU6_str	BOBJ1	56	Before	Interior Girder 1	56	0.95	1	1	11.768796
SU6_str	BOBJ1	56	Before	Interior Girder 2	56	0.95	1	1	10.629932
SU6_str	BOBJ1	56	Before	Interior Girder 3	56	0.95	1	1	10.504825
SU6_str	BOBJ1	56	Before	Interior Girder 4	56	0.95	1	1	10.734626
SU6_str	BOBJ1	56	Before	Interior Girder 5	56	0.95	1	1	10.851177
SU6_str	BOBJ1	56	Before	Interior Girder 6	56	0.95	1	1	11.851065
SU6_str	BOBJ1	56	Before	Right Exterior Girder	56	0.95	1	1	12.817438
SU6_str	BOBJ1	56	After	Left Exterior Girder	56	0.95	1	1	11.647037
SU6_str	BOBJ1	56	After	Interior Girder 1	56	0.95	1	1	8.940334
SU6_str	BOBJ1	56	After	Interior Girder 2	56	0.95	1	1	8.497369
SU6_str	BOBJ1	56	After	Interior Girder 3	56	0.95	1	1	8.037433
SU6_str	BOBJ1	56	After	Interior Girder 4	56	0.95	1	1	8.103135
SU6_str	BOBJ1	56	After	Interior Girder 5	56	0.95	1	1	8.479211
SU6_str	BOBJ1	56	After	Interior Girder 6	56	0.95	1	1	8.956556
SU6_str	BOBJ1	56	After	Right Exterior Girder	56	0.95	1	1	11.662226
SU6_str	BOBJ1	59	Before	Interior Girder 1	59	0.95	1	1	8.873808
SU6_str	BOBJ1	59	Before	Interior Girder 2	59	0.95	1	1	8.434656
SU6_str	BOBJ1	59	Before	Interior Girder 3	59	0.95	1	1	7.978115
SU6_str	BOBJ1	59	Before	Interior Girder 4	59	0.95	1	1	8.043332
SU6_str	BOBJ1	59	Before	Interior Girder 5	59	0.95	1	1	8.416633
SU6_str	BOBJ1	59	Before	Interior Girder 6	59	0.95	1	1	8.88991
SU6_str	BOBJ1	59	After	Interior Girder 1	59	0.95	1	1	6.052651
SU6_str	BOBJ1	59	After	Interior Girder 2	59	0.95	1	1	5.734228
SU6_str	BOBJ1	59	After	Interior Girder 3	59	0.95	1	1	5.282311
SU6_str	BOBJ1	59	After	Interior Girder 4	59	0.95	1	1	5.3712
SU6_str	BOBJ1	59	After	Interior Girder 5	59	0.95	1	1	5.74095
SU6_str	BOBJ1	59	After	Interior Girder 6	59	0.95	1	1	6.07878
SU6_str	BOBJ1	64	Before	Left Exterior Girder	64	0.95	1	1	11.168515
SU6_str	BOBJ1	64	Before	Interior Girder 1	64	0.95	1	1	5.964322
SU6_str	BOBJ1	64	Before	Interior Girder 2	64	0.95	1	1	5.651112
SU6_str	BOBJ1	64	Before	Interior Girder 3	64	0.95	1	1	5.205657
SU6_str	BOBJ1	64	Before	Interior Girder 4	64	0.95	1	1	5.293255
SU6_str	BOBJ1	64	Before	Interior Girder 5	64	0.95	1	1	5.657736
SU6_str	BOBJ1	64	Before	Interior Girder 6	64	0.95	1	1	5.99007
SU6_str	BOBJ1	64	Before	Right Exterior Girder	64	0.95	1	1	11.182702
SU6_str	BOBJ1	64	After	Left Exterior Girder	64	0.95	1	1	8.2988
SU6_str	BOBJ1	64	After	Interior Girder 1	64	0.95	1	1	6.559582
SU6_str	BOBJ1	64	After	Interior Girder 2	64	0.95	1	1	5.991822
SU6_str	BOBJ1	64	After	Interior Girder 3	64	0.95	1	1	5.448373
SU6_str	BOBJ1	64	After	Interior Girder 4	64	0.95	1	1	5.496139
SU6_str	BOBJ1	64	After	Interior Girder 5	64	0.95	1	1	6.028496
SU6_str	BOBJ1	64	After	Interior Girder 6	64	0.95	1	1	6.567113

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Approach, Span 4-6									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
SU6_str	BOBJ1	64	After	Right Exterior Girder	64	0.95	1	1	8.309307
SU6_str	BOBJ1	69	Before	Interior Girder 1	69	0.95	1	1	6.462153
SU6_str	BOBJ1	69	Before	Interior Girder 2	69	0.95	1	1	5.904198
SU6_str	BOBJ1	69	Before	Interior Girder 3	69	0.95	1	1	5.366561
SU6_str	BOBJ1	69	Before	Interior Girder 4	69	0.95	1	1	5.413609
SU6_str	BOBJ1	69	Before	Interior Girder 5	69	0.95	1	1	5.940336
SU6_str	BOBJ1	69	Before	Interior Girder 6	69	0.95	1	1	6.469573
SU6_str	BOBJ1	69	After	Interior Girder 1	69	0.95	1	1	5.413618
SU6_str	BOBJ1	69	After	Interior Girder 2	69	0.95	1	1	5.192091
SU6_str	BOBJ1	69	After	Interior Girder 3	69	0.95	1	1	4.593842
SU6_str	BOBJ1	69	After	Interior Girder 4	69	0.95	1	1	4.612056
SU6_str	BOBJ1	69	After	Interior Girder 5	69	0.95	1	1	5.181036
SU6_str	BOBJ1	69	After	Interior Girder 6	69	0.95	1	1	5.42201
SU6_str	BOBJ1	72	Before	Left Exterior Girder	72	0.95	1	1	5.596278
SU6_str	BOBJ1	72	Before	Interior Girder 1	72	0.95	1	1	5.358224
SU6_str	BOBJ1	72	Before	Interior Girder 2	72	0.95	1	1	5.139991
SU6_str	BOBJ1	72	Before	Interior Girder 3	72	0.95	1	1	4.546349
SU6_str	BOBJ1	72	Before	Interior Girder 4	72	0.95	1	1	4.564375
SU6_str	BOBJ1	72	Before	Interior Girder 5	72	0.95	1	1	5.129048
SU6_str	BOBJ1	72	Before	Interior Girder 6	72	0.95	1	1	5.36653
SU6_str	BOBJ1	72	Before	Right Exterior Girder	72	0.95	1	1	5.60344
SU6_str	BOBJ1	72	After	Left Exterior Girder	72	0.95	1	1	5.265339
SU6_str	BOBJ1	72	After	Interior Girder 1	72	0.95	1	1	5.905191
SU6_str	BOBJ1	72	After	Interior Girder 2	72	0.95	1	1	4.539478
SU6_str	BOBJ1	72	After	Interior Girder 3	72	0.95	1	1	3.847403
SU6_str	BOBJ1	72	After	Interior Girder 4	72	0.95	1	1	3.87624
SU6_str	BOBJ1	72	After	Interior Girder 5	72	0.95	1	1	4.529955
SU6_str	BOBJ1	72	After	Interior Girder 6	72	0.95	1	1	5.929253
SU6_str	BOBJ1	72	After	Right Exterior Girder	72	0.95	1	1	5.271787
SU6_str	BOBJ1	72.5	Before	Left Exterior Girder	72.5	0.95	1	1	5.259702
SU6_str	BOBJ1	72.5	Before	Right Exterior Girder	72.5	0.95	1	1	5.266143
SU6_str	BOBJ1	72.5	After	Left Exterior Girder	72.5	0.95	1	1	7.525978
SU6_str	BOBJ1	72.5	After	Right Exterior Girder	72.5	0.95	1	1	7.534472
SU6_str	BOBJ1	80	Before	Left Exterior Girder	80	0.95	1	1	7.395863
SU6_str	BOBJ1	80	Before	Interior Girder 1	80	0.95	1	1	4.75714
SU6_str	BOBJ1	80	Before	Interior Girder 2	80	0.95	1	1	4.41633
SU6_str	BOBJ1	80	Before	Interior Girder 3	80	0.95	1	1	3.739251
SU6_str	BOBJ1	80	Before	Interior Girder 4	80	0.95	1	1	3.767278
SU6_str	BOBJ1	80	Before	Interior Girder 5	80	0.95	1	1	4.407066
SU6_str	BOBJ1	80	Before	Interior Girder 6	80	0.95	1	1	4.774068
SU6_str	BOBJ1	80	Before	Right Exterior Girder	80	0.95	1	1	7.40421
SU6_str	BOBJ1	80	After	Left Exterior Girder	0	0.95	1	1	8.361514
SU6_str	BOBJ1	80	After	Interior Girder 1	0	0.95	1	1	5.081113
SU6_str	BOBJ1	80	After	Interior Girder 2	0	0.95	1	1	4.749926
SU6_str	BOBJ1	80	After	Interior Girder 3	0	0.95	1	1	4.003581
SU6_str	BOBJ1	80	After	Interior Girder 4	0	0.95	1	1	4.044444
SU6_str	BOBJ1	80	After	Interior Girder 5	0	0.95	1	1	4.740079
SU6_str	BOBJ1	80	After	Interior Girder 6	0	0.95	1	1	5.098614
SU6_str	BOBJ1	80	After	Right Exterior Girder	0	0.95	1	1	8.371946
SU6_str	BOBJ1	87.5	Before	Left Exterior Girder	7.5	0.95	1	1	8.501898
SU6_str	BOBJ1	87.5	Before	Right Exterior Girder	7.5	0.95	1	1	8.512505
SU6_str	BOBJ1	87.5	After	Left Exterior Girder	7.5	0.95	1	1	6.491675
SU6_str	BOBJ1	87.5	After	Right Exterior Girder	7.5	0.95	1	1	6.499972
SU6_str	BOBJ1	88	Before	Left Exterior Girder	8	0.95	1	1	6.498057
SU6_str	BOBJ1	88	Before	Interior Girder 1	8	0.95	1	1	5.788558
SU6_str	BOBJ1	88	Before	Interior Girder 2	8	0.95	1	1	4.876586
SU6_str	BOBJ1	88	Before	Interior Girder 3	8	0.95	1	1	4.114183
SU6_str	BOBJ1	88	Before	Interior Girder 4	8	0.95	1	1	4.156175
SU6_str	BOBJ1	88	Before	Interior Girder 5	8	0.95	1	1	4.866476
SU6_str	BOBJ1	88	Before	Interior Girder 6	8	0.95	1	1	5.813267
SU6_str	BOBJ1	88	Before	Right Exterior Girder	8	0.95	1	1	6.506363
SU6_str	BOBJ1	88	After	Left Exterior Girder	8	0.95	1	1	6.962223
SU6_str	BOBJ1	88	After	Interior Girder 1	8	0.95	1	1	5.835692
SU6_str	BOBJ1	88	After	Interior Girder 2	8	0.95	1	1	5.609929
SU6_str	BOBJ1	88	After	Interior Girder 3	8	0.95	1	1	4.953878

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Approach, Span 4-6									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
SU6_str	BOBJ1	88	After	Interior Girder 4	8	0.95	1	1	4.974113
SU6_str	BOBJ1	88	After	Interior Girder 5	8	0.95	1	1	5.600451
SU6_str	BOBJ1	88	After	Interior Girder 6	8	0.95	1	1	5.84353
SU6_str	BOBJ1	88	After	Right Exterior Girder	8	0.95	1	1	6.970343
SU6_str	BOBJ1	91	Before	Interior Girder 1	11	0.95	1	1	5.893161
SU6_str	BOBJ1	91	Before	Interior Girder 2	11	0.95	1	1	5.664387
SU6_str	BOBJ1	91	Before	Interior Girder 3	11	0.95	1	1	5.003387
SU6_str	BOBJ1	91	Before	Interior Girder 4	11	0.95	1	1	5.023824
SU6_str	BOBJ1	91	Before	Interior Girder 5	11	0.95	1	1	5.654817
SU6_str	BOBJ1	91	Before	Interior Girder 6	11	0.95	1	1	5.901077
SU6_str	BOBJ1	91	After	Interior Girder 1	11	0.95	1	1	7.134506
SU6_str	BOBJ1	91	After	Interior Girder 2	11	0.95	1	1	6.543031
SU6_str	BOBJ1	91	After	Interior Girder 3	11	0.95	1	1	5.923974
SU6_str	BOBJ1	91	After	Interior Girder 4	11	0.95	1	1	5.978761
SU6_str	BOBJ1	91	After	Interior Girder 5	11	0.95	1	1	6.592057
SU6_str	BOBJ1	91	After	Interior Girder 6	11	0.95	1	1	7.14136
SU6_str	BOBJ1	96	Before	Left Exterior Girder	16	0.95	1	1	9.852442
SU6_str	BOBJ1	96	Before	Interior Girder 1	16	0.95	1	1	7.237312
SU6_str	BOBJ1	96	Before	Interior Girder 2	16	0.95	1	1	6.63609
SU6_str	BOBJ1	96	Before	Interior Girder 3	16	0.95	1	1	6.010435
SU6_str	BOBJ1	96	Before	Interior Girder 4	16	0.95	1	1	6.066021
SU6_str	BOBJ1	96	Before	Interior Girder 5	16	0.95	1	1	6.685814
SU6_str	BOBJ1	96	Before	Interior Girder 6	16	0.95	1	1	7.244266
SU6_str	BOBJ1	96	Before	Right Exterior Girder	16	0.95	1	1	9.863308
SU6_str	BOBJ1	96	After	Left Exterior Girder	16	0.95	1	1	9.572607
SU6_str	BOBJ1	96	After	Interior Girder 1	16	0.95	1	1	7.367384
SU6_str	BOBJ1	96	After	Interior Girder 2	16	0.95	1	1	6.87077
SU6_str	BOBJ1	96	After	Interior Girder 3	16	0.95	1	1	6.45669
SU6_str	BOBJ1	96	After	Interior Girder 4	16	0.95	1	1	6.60806
SU6_str	BOBJ1	96	After	Interior Girder 5	16	0.95	1	1	6.947173
SU6_str	BOBJ1	96	After	Interior Girder 6	16	0.95	1	1	7.387517
SU6_str	BOBJ1	96	After	Right Exterior Girder	16	0.95	1	1	9.588254
SU6_str	BOBJ1	104	Before	Left Exterior Girder	24	0.95	1	1	9.732717
SU6_str	BOBJ1	104	Before	Interior Girder 1	24	0.95	1	1	7.534108
SU6_str	BOBJ1	104	Before	Interior Girder 2	24	0.95	1	1	7.025693
SU6_str	BOBJ1	104	Before	Interior Girder 3	24	0.95	1	1	6.602257
SU6_str	BOBJ1	104	Before	Interior Girder 4	24	0.95	1	1	6.75704
SU6_str	BOBJ1	104	Before	Interior Girder 5	24	0.95	1	1	7.103819
SU6_str	BOBJ1	104	Before	Interior Girder 6	24	0.95	1	1	7.554697
SU6_str	BOBJ1	104	Before	Right Exterior Girder	24	0.95	1	1	9.748625
SU6_str	BOBJ1	104	After	Left Exterior Girder	24	0.95	1	1	11.456653
SU6_str	BOBJ1	104	After	Interior Girder 1	24	0.95	1	1	10.658276
SU6_str	BOBJ1	104	After	Interior Girder 2	24	0.95	1	1	9.696446
SU6_str	BOBJ1	104	After	Interior Girder 3	24	0.95	1	1	9.665209
SU6_str	BOBJ1	104	After	Interior Girder 4	24	0.95	1	1	9.89381
SU6_str	BOBJ1	104	After	Interior Girder 5	24	0.95	1	1	9.92795
SU6_str	BOBJ1	104	After	Interior Girder 6	24	0.95	1	1	10.738743
SU6_str	BOBJ1	104	After	Right Exterior Girder	24	0.95	1	1	11.475512
SU6_str	BOBJ1	112	Before	Left Exterior Girder	32	0.95	1	1	11.63922
SU6_str	BOBJ1	112	Before	Interior Girder 1	32	0.95	1	1	10.892738
SU6_str	BOBJ1	112	Before	Interior Girder 2	32	0.95	1	1	9.908528
SU6_str	BOBJ1	112	Before	Interior Girder 3	32	0.95	1	1	9.876451
SU6_str	BOBJ1	112	Before	Interior Girder 4	32	0.95	1	1	10.110048
SU6_str	BOBJ1	112	Before	Interior Girder 5	32	0.95	1	1	10.145096
SU6_str	BOBJ1	112	Before	Interior Girder 6	32	0.95	1	1	10.974975
SU6_str	BOBJ1	112	Before	Right Exterior Girder	32	0.95	1	1	11.65838
SU6_str	BOBJ1	112	After	Left Exterior Girder	32	0.95	1	1	19.769554
SU6_str	BOBJ1	112	After	Interior Girder 1	32	0.95	1	1	11.152633
SU6_str	BOBJ1	112	After	Interior Girder 2	32	0.95	1	1	9.997044
SU6_str	BOBJ1	112	After	Interior Girder 3	32	0.95	1	1	8.76773
SU6_str	BOBJ1	112	After	Interior Girder 4	32	0.95	1	1	9.086868
SU6_str	BOBJ1	112	After	Interior Girder 5	32	0.95	1	1	10.246411
SU6_str	BOBJ1	112	After	Interior Girder 6	32	0.95	1	1	11.232003
SU6_str	BOBJ1	112	After	Right Exterior Girder	32	0.95	1	1	19.769554
SU6_str	BOBJ1	120	Before	Left Exterior Girder	40	0.95	1	1	20.07233

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Approach, Span 4-€									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
SU6_str	BOBJ1	120	Before	Interior Girder 1	40	0.95	1	1	11.388921
SU6_str	BOBJ1	120	Before	Interior Girder 2	40	0.95	1	1	10.209067
SU6_str	BOBJ1	120	Before	Interior Girder 3	40	0.95	1	1	8.953579
SU6_str	BOBJ1	120	Before	Interior Girder 4	40	0.95	1	1	9.279482
SU6_str	BOBJ1	120	Before	Interior Girder 5	40	0.95	1	1	10.463722
SU6_str	BOBJ1	120	Before	Interior Girder 6	40	0.95	1	1	11.469972
SU6_str	BOBJ1	120	Before	Right Exterior Girder	40	0.95	1	1	20.07233
SU6_str	BOBJ1	120	After	Left Exterior Girder	40	0.95	1	1	20.864701
SU6_str	BOBJ1	120	After	Interior Girder 1	40	0.95	1	1	11.501688
SU6_str	BOBJ1	120	After	Interior Girder 2	40	0.95	1	1	10.302673
SU6_str	BOBJ1	120	After	Interior Girder 3	40	0.95	1	1	9.018527
SU6_str	BOBJ1	120	After	Interior Girder 4	40	0.95	1	1	9.349225
SU6_str	BOBJ1	120	After	Interior Girder 5	40	0.95	1	1	10.577074
SU6_str	BOBJ1	120	After	Interior Girder 6	40	0.95	1	1	11.590021
SU6_str	BOBJ1	120	After	Right Exterior Girder	40	0.95	1	1	20.864701
SU6_str	BOBJ1	128	Before	Left Exterior Girder	48	0.95	1	1	20.550669
SU6_str	BOBJ1	128	Before	Interior Girder 1	48	0.95	1	1	11.263259
SU6_str	BOBJ1	128	Before	Interior Girder 2	48	0.95	1	1	10.088869
SU6_str	BOBJ1	128	Before	Interior Girder 3	48	0.95	1	1	8.831432
SU6_str	BOBJ1	128	Before	Interior Girder 4	48	0.95	1	1	9.155269
SU6_str	BOBJ1	128	Before	Interior Girder 5	48	0.95	1	1	10.357576
SU6_str	BOBJ1	128	Before	Interior Girder 6	48	0.95	1	1	11.349761
SU6_str	BOBJ1	128	Before	Right Exterior Girder	48	0.95	1	1	20.550669
SU6_str	BOBJ1	128	After	Left Exterior Girder	48	0.95	1	1	11.995668
SU6_str	BOBJ1	128	After	Interior Girder 1	48	0.95	1	1	11.032962
SU6_str	BOBJ1	128	After	Interior Girder 2	48	0.95	1	1	10.029431
SU6_str	BOBJ1	128	After	Interior Girder 3	48	0.95	1	1	9.999716
SU6_str	BOBJ1	128	After	Interior Girder 4	48	0.95	1	1	10.238349
SU6_str	BOBJ1	128	After	Interior Girder 5	48	0.95	1	1	10.272663
SU6_str	BOBJ1	128	After	Interior Girder 6	48	0.95	1	1	11.117314
SU6_str	BOBJ1	128	After	Right Exterior Girder	48	0.95	1	1	12.015537
SU6_str	BOBJ1	136	Before	Left Exterior Girder	56	0.95	1	1	11.808011
SU6_str	BOBJ1	136	Before	Interior Girder 1	56	0.95	1	1	10.795623
SU6_str	BOBJ1	136	Before	Interior Girder 2	56	0.95	1	1	9.814845
SU6_str	BOBJ1	136	Before	Interior Girder 3	56	0.95	1	1	9.786022
SU6_str	BOBJ1	136	Before	Interior Girder 4	56	0.95	1	1	10.019555
SU6_str	BOBJ1	136	Before	Interior Girder 5	56	0.95	1	1	10.052873
SU6_str	BOBJ1	136	Before	Interior Girder 6	56	0.95	1	1	10.87816
SU6_str	BOBJ1	136	Before	Right Exterior Girder	56	0.95	1	1	11.827569
SU6_str	BOBJ1	136	After	Left Exterior Girder	56	0.95	1	1	10.00098
SU6_str	BOBJ1	136	After	Interior Girder 1	56	0.95	1	1	7.608067
SU6_str	BOBJ1	136	After	Interior Girder 2	56	0.95	1	1	7.089773
SU6_str	BOBJ1	136	After	Interior Girder 3	56	0.95	1	1	6.662562
SU6_str	BOBJ1	136	After	Interior Girder 4	56	0.95	1	1	6.823879
SU6_str	BOBJ1	136	After	Interior Girder 5	56	0.95	1	1	7.170352
SU6_str	BOBJ1	136	After	Interior Girder 6	56	0.95	1	1	7.628941
SU6_str	BOBJ1	136	After	Right Exterior Girder	56	0.95	1	1	10.017399
SU6_str	BOBJ1	144	Before	Left Exterior Girder	64	0.95	1	1	9.83694
SU6_str	BOBJ1	144	Before	Interior Girder 1	64	0.95	1	1	7.439791
SU6_str	BOBJ1	144	Before	Interior Girder 2	64	0.95	1	1	6.93348
SU6_str	BOBJ1	144	Before	Interior Girder 3	64	0.95	1	1	6.515809
SU6_str	BOBJ1	144	Before	Interior Girder 4	64	0.95	1	1	6.673573
SU6_str	BOBJ1	144	Before	Interior Girder 5	64	0.95	1	1	7.012282
SU6_str	BOBJ1	144	Before	Interior Girder 6	64	0.95	1	1	7.460203
SU6_str	BOBJ1	144	Before	Right Exterior Girder	64	0.95	1	1	9.85309
SU6_str	BOBJ1	144	After	Left Exterior Girder	64	0.95	1	1	9.325582
SU6_str	BOBJ1	144	After	Interior Girder 1	64	0.95	1	1	7.323317
SU6_str	BOBJ1	144	After	Interior Girder 2	64	0.95	1	1	6.632897
SU6_str	BOBJ1	144	After	Interior Girder 3	64	0.95	1	1	6.047729
SU6_str	BOBJ1	144	After	Interior Girder 4	64	0.95	1	1	6.126668
SU6_str	BOBJ1	144	After	Interior Girder 5	64	0.95	1	1	6.71286
SU6_str	BOBJ1	144	After	Interior Girder 6	64	0.95	1	1	7.330166
SU6_str	BOBJ1	144	After	Right Exterior Girder	64	0.95	1	1	9.337417
SU6_str	BOBJ1	150	Before	Interior Girder 1	70	0.95	1	1	7.198416
SU6_str	BOBJ1	150	Before	Interior Girder 2	70	0.95	1	1	6.521137

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Approach, Span 4-€									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
SU6_str	BOBJ1	150	Before	Interior Girder 3	70	0.95	1	1	5.943479
SU6_str	BOBJ1	150	Before	Interior Girder 4	70	0.95	1	1	6.021057
SU6_str	BOBJ1	150	Before	Interior Girder 5	70	0.95	1	1	6.599753
SU6_str	BOBJ1	150	Before	Interior Girder 6	70	0.95	1	1	7.205148
SU6_str	BOBJ1	150	After	Interior Girder 1	70	0.95	1	1	5.46549
SU6_str	BOBJ1	150	After	Interior Girder 2	70	0.95	1	1	5.464897
SU6_str	BOBJ1	150	After	Interior Girder 3	70	0.95	1	1	4.795616
SU6_str	BOBJ1	150	After	Interior Girder 4	70	0.95	1	1	4.820519
SU6_str	BOBJ1	150	After	Interior Girder 5	70	0.95	1	1	5.456848
SU6_str	BOBJ1	150	After	Interior Girder 6	70	0.95	1	1	5.472927
SU6_str	BOBJ1	152	Before	Left Exterior Girder	72	0.95	1	1	9.031815
SU6_str	BOBJ1	152	Before	Interior Girder 1	72	0.95	1	1	5.430022
SU6_str	BOBJ1	152	Before	Interior Girder 2	72	0.95	1	1	5.430173
SU6_str	BOBJ1	152	Before	Interior Girder 3	72	0.95	1	1	4.764304
SU6_str	BOBJ1	152	Before	Interior Girder 4	72	0.95	1	1	4.789044
SU6_str	BOBJ1	152	Before	Interior Girder 5	72	0.95	1	1	5.422175
SU6_str	BOBJ1	152	Before	Interior Girder 6	72	0.95	1	1	5.437411
SU6_str	BOBJ1	152	Before	Right Exterior Girder	72	0.95	1	1	9.042638
SU6_str	BOBJ1	152	After	Left Exterior Girder	72	0.95	1	1	7.795155
SU6_str	BOBJ1	152	After	Interior Girder 1	72	0.95	1	1	4.74429
SU6_str	BOBJ1	152	After	Interior Girder 2	72	0.95	1	1	4.889398
SU6_str	BOBJ1	152	After	Interior Girder 3	72	0.95	1	1	4.143032
SU6_str	BOBJ1	152	After	Interior Girder 4	72	0.95	1	1	4.185614
SU6_str	BOBJ1	152	After	Interior Girder 5	72	0.95	1	1	4.879042
SU6_str	BOBJ1	152	After	Interior Girder 6	72	0.95	1	1	4.75919
SU6_str	BOBJ1	152	After	Right Exterior Girder	72	0.95	1	1	7.804982
SU6_str	BOBJ1	154	Before	Left Exterior Girder	74	0.95	1	1	7.763874
SU6_str	BOBJ1	154	Before	Right Exterior Girder	74	0.95	1	1	7.773662
SU6_str	BOBJ1	154	After	Left Exterior Girder	74	0.95	1	1	7.970824
SU6_str	BOBJ1	154	After	Right Exterior Girder	74	0.95	1	1	7.980702
SU6_str	BOBJ1	160	Before	Left Exterior Girder	80	0.95	1	1	7.862171
SU6_str	BOBJ1	160	Before	Interior Girder 1	80	0.95	1	1	5.073203
SU6_str	BOBJ1	160	Before	Interior Girder 2	80	0.95	1	1	4.76391
SU6_str	BOBJ1	160	Before	Interior Girder 3	80	0.95	1	1	4.033311
SU6_str	BOBJ1	160	Before	Interior Girder 4	80	0.95	1	1	4.074765
SU6_str	BOBJ1	160	Before	Interior Girder 5	80	0.95	1	1	4.75382
SU6_str	BOBJ1	160	Before	Interior Girder 6	80	0.95	1	1	5.090321
SU6_str	BOBJ1	160	Before	Right Exterior Girder	80	0.95	1	1	7.871915
SU6_str	BOBJ1	160	After	Left Exterior Girder	0	0.95	1	1	6.922837
SU6_str	BOBJ1	160	After	Interior Girder 1	0	0.95	1	1	4.732475
SU6_str	BOBJ1	160	After	Interior Girder 2	0	0.95	1	1	4.421008
SU6_str	BOBJ1	160	After	Interior Girder 3	0	0.95	1	1	3.756631
SU6_str	BOBJ1	160	After	Interior Girder 4	0	0.95	1	1	3.785029
SU6_str	BOBJ1	160	After	Interior Girder 5	0	0.95	1	1	4.411748
SU6_str	BOBJ1	160	After	Interior Girder 6	0	0.95	1	1	4.748832
SU6_str	BOBJ1	160	After	Right Exterior Girder	0	0.95	1	1	6.930236
SU6_str	BOBJ1	166	Before	Left Exterior Girder	6	0.95	1	1	7.023056
SU6_str	BOBJ1	166	Before	Right Exterior Girder	6	0.95	1	1	7.030563
SU6_str	BOBJ1	166	After	Left Exterior Girder	6	0.95	1	1	6.642917
SU6_str	BOBJ1	166	After	Right Exterior Girder	6	0.95	1	1	6.650238
SU6_str	BOBJ1	168	Before	Left Exterior Girder	8	0.95	1	1	6.671148
SU6_str	BOBJ1	168	Before	Interior Girder 1	8	0.95	1	1	4.497964
SU6_str	BOBJ1	168	Before	Interior Girder 2	8	0.95	1	1	4.542638
SU6_str	BOBJ1	168	Before	Interior Girder 3	8	0.95	1	1	3.863766
SU6_str	BOBJ1	168	Before	Interior Girder 4	8	0.95	1	1	3.892974
SU6_str	BOBJ1	168	Before	Interior Girder 5	8	0.95	1	1	4.533123
SU6_str	BOBJ1	168	Before	Interior Girder 6	8	0.95	1	1	4.51255
SU6_str	BOBJ1	168	Before	Right Exterior Girder	8	0.95	1	1	6.678501
SU6_str	BOBJ1	168	After	Left Exterior Girder	8	0.95	1	1	7.621902
SU6_str	BOBJ1	168	After	Interior Girder 1	8	0.95	1	1	4.978561
SU6_str	BOBJ1	168	After	Interior Girder 2	8	0.95	1	1	4.977286
SU6_str	BOBJ1	168	After	Interior Girder 3	8	0.95	1	1	4.375493
SU6_str	BOBJ1	168	After	Interior Girder 4	8	0.95	1	1	4.397457
SU6_str	BOBJ1	168	After	Interior Girder 5	8	0.95	1	1	4.967152
SU6_str	BOBJ1	168	After	Interior Girder 6	8	0.95	1	1	4.986087

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Approach, Span 4-6									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
SU6_str	BOBJ1	168	After	Right Exterior Girder	8	0.95	1	1	7.631242
SU6_str	BOBJ1	170	Before	Interior Girder 1	10	0.95	1	1	5.012662
SU6_str	BOBJ1	170	Before	Interior Girder 2	10	0.95	1	1	5.010484
SU6_str	BOBJ1	170	Before	Interior Girder 3	10	0.95	1	1	4.405589
SU6_str	BOBJ1	170	Before	Interior Girder 4	10	0.95	1	1	4.427705
SU6_str	BOBJ1	170	Before	Interior Girder 5	10	0.95	1	1	5.000283
SU6_str	BOBJ1	170	Before	Interior Girder 6	10	0.95	1	1	5.02024
SU6_str	BOBJ1	170	After	Interior Girder 1	10	0.95	1	1	6.471852
SU6_str	BOBJ1	170	After	Interior Girder 2	10	0.95	1	1	5.855871
SU6_str	BOBJ1	170	After	Interior Girder 3	10	0.95	1	1	5.370116
SU6_str	BOBJ1	170	After	Interior Girder 4	10	0.95	1	1	5.436143
SU6_str	BOBJ1	170	After	Interior Girder 5	10	0.95	1	1	5.919828
SU6_str	BOBJ1	170	After	Interior Girder 6	10	0.95	1	1	6.478962
SU6_str	BOBJ1	176	Before	Left Exterior Girder	16	0.95	1	1	7.780427
SU6_str	BOBJ1	176	Before	Interior Girder 1	16	0.95	1	1	6.589073
SU6_str	BOBJ1	176	Before	Interior Girder 2	16	0.95	1	1	5.960506
SU6_str	BOBJ1	176	Before	Interior Girder 3	16	0.95	1	1	5.468623
SU6_str	BOBJ1	176	Before	Interior Girder 4	16	0.95	1	1	5.535862
SU6_str	BOBJ1	176	Before	Interior Girder 5	16	0.95	1	1	6.025606
SU6_str	BOBJ1	176	Before	Interior Girder 6	16	0.95	1	1	6.596311
SU6_str	BOBJ1	176	Before	Right Exterior Girder	16	0.95	1	1	7.789908
SU6_str	BOBJ1	176	After	Left Exterior Girder	16	0.95	1	1	10.783292
SU6_str	BOBJ1	176	After	Interior Girder 1	16	0.95	1	1	5.854919
SU6_str	BOBJ1	176	After	Interior Girder 2	16	0.95	1	1	5.652987
SU6_str	BOBJ1	176	After	Interior Girder 3	16	0.95	1	1	5.246852
SU6_str	BOBJ1	176	After	Interior Girder 4	16	0.95	1	1	5.335397
SU6_str	BOBJ1	176	After	Interior Girder 5	16	0.95	1	1	5.65948
SU6_str	BOBJ1	176	After	Interior Girder 6	16	0.95	1	1	5.879947
SU6_str	BOBJ1	176	After	Right Exterior Girder	16	0.95	1	1	10.796224
SU6_str	BOBJ1	181	Before	Interior Girder 1	21	0.95	1	1	5.941769
SU6_str	BOBJ1	181	Before	Interior Girder 2	21	0.95	1	1	5.736068
SU6_str	BOBJ1	181	Before	Interior Girder 3	21	0.95	1	1	5.323967
SU6_str	BOBJ1	181	Before	Interior Girder 4	21	0.95	1	1	5.413814
SU6_str	BOBJ1	181	Before	Interior Girder 5	21	0.95	1	1	5.742657
SU6_str	BOBJ1	181	Before	Interior Girder 6	21	0.95	1	1	5.967168
SU6_str	BOBJ1	181	After	Interior Girder 1	21	0.95	1	1	8.187074
SU6_str	BOBJ1	181	After	Interior Girder 2	21	0.95	1	1	7.978649
SU6_str	BOBJ1	181	After	Interior Girder 3	21	0.95	1	1	7.613592
SU6_str	BOBJ1	181	After	Interior Girder 4	21	0.95	1	1	7.676229
SU6_str	BOBJ1	181	After	Interior Girder 5	21	0.95	1	1	7.961709
SU6_str	BOBJ1	181	After	Interior Girder 6	21	0.95	1	1	8.201906
SU6_str	BOBJ1	184	Before	Left Exterior Girder	24	0.95	1	1	11.238522
SU6_str	BOBJ1	184	Before	Interior Girder 1	24	0.95	1	1	8.250863
SU6_str	BOBJ1	184	Before	Interior Girder 2	24	0.95	1	1	8.040107
SU6_str	BOBJ1	184	Before	Interior Girder 3	24	0.95	1	1	7.672187
SU6_str	BOBJ1	184	Before	Interior Girder 4	24	0.95	1	1	7.735307
SU6_str	BOBJ1	184	Before	Interior Girder 5	24	0.95	1	1	8.023036
SU6_str	BOBJ1	184	Before	Interior Girder 6	24	0.95	1	1	8.26581
SU6_str	BOBJ1	184	Before	Right Exterior Girder	24	0.95	1	1	11.252217
SU6_str	BOBJ1	184	After	Left Exterior Girder	24	0.95	1	1	12.447137
SU6_str	BOBJ1	184	After	Interior Girder 1	24	0.95	1	1	10.778317
SU6_str	BOBJ1	184	After	Interior Girder 2	24	0.95	1	1	10.090418
SU6_str	BOBJ1	184	After	Interior Girder 3	24	0.95	1	1	10.087666
SU6_str	BOBJ1	184	After	Interior Girder 4	24	0.95	1	1	10.310335
SU6_str	BOBJ1	184	After	Interior Girder 5	24	0.95	1	1	10.300981
SU6_str	BOBJ1	184	After	Interior Girder 6	24	0.95	1	1	10.851224
SU6_str	BOBJ1	184	After	Right Exterior Girder	24	0.95	1	1	12.465152
SU6_str	BOBJ1	192	Before	Left Exterior Girder	32	0.95	1	1	12.632813
SU6_str	BOBJ1	192	Before	Interior Girder 1	32	0.95	1	1	10.998907
SU6_str	BOBJ1	192	Before	Interior Girder 2	32	0.95	1	1	10.295137
SU6_str	BOBJ1	192	Before	Interior Girder 3	32	0.95	1	1	10.292099
SU6_str	BOBJ1	192	Before	Interior Girder 4	32	0.95	1	1	10.519281
SU6_str	BOBJ1	192	Before	Interior Girder 5	32	0.95	1	1	10.509971
SU6_str	BOBJ1	192	Before	Interior Girder 6	32	0.95	1	1	11.073307
SU6_str	BOBJ1	192	Before	Right Exterior Girder	32	0.95	1	1	12.651096

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Approach, Span 4-6									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
SU6_str	BOBJ1	192	After	Left Exterior Girder	32	0.95	1	1	19.3435
SU6_str	BOBJ1	192	After	Interior Girder 1	32	0.95	1	1	11.354229
SU6_str	BOBJ1	192	After	Interior Girder 2	32	0.95	1	1	10.299617
SU6_str	BOBJ1	192	After	Interior Girder 3	32	0.95	1	1	9.323737
SU6_str	BOBJ1	192	After	Interior Girder 4	32	0.95	1	1	9.639403
SU6_str	BOBJ1	192	After	Interior Girder 5	32	0.95	1	1	10.503644
SU6_str	BOBJ1	192	After	Interior Girder 6	32	0.95	1	1	11.394051
SU6_str	BOBJ1	192	After	Right Exterior Girder	32	0.95	1	1	19.3435
SU6_str	BOBJ1	200	Before	Left Exterior Girder	40	0.95	1	1	19.62311
SU6_str	BOBJ1	200	Before	Interior Girder 1	40	0.95	1	1	11.578542
SU6_str	BOBJ1	200	Before	Interior Girder 2	40	0.95	1	1	10.502951
SU6_str	BOBJ1	200	Before	Interior Girder 3	40	0.95	1	1	9.507283
SU6_str	BOBJ1	200	Before	Interior Girder 4	40	0.95	1	1	9.829163
SU6_str	BOBJ1	200	Before	Interior Girder 5	40	0.95	1	1	10.711006
SU6_str	BOBJ1	200	Before	Interior Girder 6	40	0.95	1	1	11.619151
SU6_str	BOBJ1	200	Before	Right Exterior Girder	40	0.95	1	1	19.62311
SU6_str	BOBJ1	200	After	Left Exterior Girder	40	0.95	1	1	24.802962
SU6_str	BOBJ1	200	After	Interior Girder 1	40	0.95	1	1	15.971965
SU6_str	BOBJ1	200	After	Interior Girder 2	40	0.95	1	1	13.825093
SU6_str	BOBJ1	200	After	Interior Girder 3	40	0.95	1	1	11.821993
SU6_str	BOBJ1	200	After	Interior Girder 4	40	0.95	1	1	12.300741
SU6_str	BOBJ1	200	After	Interior Girder 5	40	0.95	1	1	14.239302
SU6_str	BOBJ1	200	After	Interior Girder 6	40	0.95	1	1	16.232214
SU6_str	BOBJ1	200	After	Right Exterior Girder	40	0.95	1	1	24.847023
SU6_str	BOBJ1	208	Before	Left Exterior Girder	48	0.95	1	1	25.14841
SU6_str	BOBJ1	208	Before	Interior Girder 1	48	0.95	1	1	15.679621
SU6_str	BOBJ1	208	Before	Interior Girder 2	48	0.95	1	1	13.571424
SU6_str	BOBJ1	208	Before	Interior Girder 3	48	0.95	1	1	11.604639
SU6_str	BOBJ1	208	Before	Interior Girder 4	48	0.95	1	1	12.074584
SU6_str	BOBJ1	208	Before	Interior Girder 5	48	0.95	1	1	13.978033
SU6_str	BOBJ1	208	Before	Interior Girder 6	48	0.95	1	1	15.935106
SU6_str	BOBJ1	208	Before	Right Exterior Girder	48	0.95	1	1	25.193085
SU6_str	BOBJ1	208	After	Left Exterior Girder	48	0.95	1	1	20.284307
SU6_str	BOBJ1	208	After	Interior Girder 1	48	0.95	1	1	15.981124
SU6_str	BOBJ1	208	After	Interior Girder 2	48	0.95	1	1	14.359995
SU6_str	BOBJ1	208	After	Interior Girder 3	48	0.95	1	1	12.658264
SU6_str	BOBJ1	208	After	Interior Girder 4	48	0.95	1	1	13.224277
SU6_str	BOBJ1	208	After	Interior Girder 5	48	0.95	1	1	14.79751
SU6_str	BOBJ1	208	After	Interior Girder 6	48	0.95	1	1	16.158394
SU6_str	BOBJ1	208	After	Right Exterior Girder	48	0.95	1	1	20.318324
SU6_str	BOBJ1	216	Before	Left Exterior Girder	56	0.95	1	1	20.005434
SU6_str	BOBJ1	216	Before	Interior Girder 1	56	0.95	1	1	15.678728
SU6_str	BOBJ1	216	Before	Interior Girder 2	56	0.95	1	1	14.08907
SU6_str	BOBJ1	216	Before	Interior Girder 3	56	0.95	1	1	12.894779
SU6_str	BOBJ1	216	Before	Interior Girder 4	56	0.95	1	1	13.471368
SU6_str	BOBJ1	216	Before	Interior Girder 5	56	0.95	1	1	14.51833
SU6_str	BOBJ1	216	Before	Interior Girder 6	56	0.95	1	1	15.852644
SU6_str	BOBJ1	216	Before	Right Exterior Girder	56	0.95	1	1	20.038984
SU6_str	BOBJ1	216	After	Left Exterior Girder	56	0.95	1	1	16.702066
SU6_str	BOBJ1	216	After	Interior Girder 1	56	0.95	1	1	10.892538
SU6_str	BOBJ1	216	After	Interior Girder 2	56	0.95	1	1	10.034529
SU6_str	BOBJ1	216	After	Interior Girder 3	56	0.95	1	1	9.1944
SU6_str	BOBJ1	216	After	Interior Girder 4	56	0.95	1	1	9.486194
SU6_str	BOBJ1	216	After	Interior Girder 5	56	0.95	1	1	10.207218
SU6_str	BOBJ1	216	After	Interior Girder 6	56	0.95	1	1	10.926551
SU6_str	BOBJ1	216	After	Right Exterior Girder	56	0.95	1	1	16.723243
SU6_str	BOBJ1	224	Before	Left Exterior Girder	64	0.95	1	1	16.463835
SU6_str	BOBJ1	224	Before	Interior Girder 1	64	0.95	1	1	10.681378
SU6_str	BOBJ1	224	Before	Interior Girder 2	64	0.95	1	1	9.840206
SU6_str	BOBJ1	224	Before	Interior Girder 3	64	0.95	1	1	9.016417
SU6_str	BOBJ1	224	Before	Interior Girder 4	64	0.95	1	1	9.302562
SU6_str	BOBJ1	224	Before	Interior Girder 5	64	0.95	1	1	10.009551
SU6_str	BOBJ1	224	Before	Interior Girder 6	64	0.95	1	1	10.714731
SU6_str	BOBJ1	224	Before	Right Exterior Girder	64	0.95	1	1	16.484709
SU6_str	BOBJ1	224	After	Left Exterior Girder	64	0.95	1	1	11.354338

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Approach, Span 4-(									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
SU6_str	BOBJ1	224	After	Interior Girder 1	64	0.95	1	1	10.112806
SU6_str	BOBJ1	224	After	Interior Girder 2	64	0.95	1	1	9.328886
SU6_str	BOBJ1	224	After	Interior Girder 3	64	0.95	1	1	8.903647
SU6_str	BOBJ1	224	After	Interior Girder 4	64	0.95	1	1	9.058409
SU6_str	BOBJ1	224	After	Interior Girder 5	64	0.95	1	1	9.476386
SU6_str	BOBJ1	224	After	Interior Girder 6	64	0.95	1	1	10.168634
SU6_str	BOBJ1	224	After	Right Exterior Girder	64	0.95	1	1	11.367038
SU6_str	BOBJ1	232	Before	Left Exterior Girder	72	0.95	1	1	11.186684
SU6_str	BOBJ1	232	Before	Interior Girder 1	72	0.95	1	1	9.910621
SU6_str	BOBJ1	232	Before	Interior Girder 2	72	0.95	1	1	9.143784
SU6_str	BOBJ1	232	Before	Interior Girder 3	72	0.95	1	1	8.725838
SU6_str	BOBJ1	232	Before	Interior Girder 4	72	0.95	1	1	8.87751
SU6_str	BOBJ1	232	Before	Interior Girder 5	72	0.95	1	1	9.288357
SU6_str	BOBJ1	232	Before	Interior Girder 6	72	0.95	1	1	9.965333
SU6_str	BOBJ1	232	Before	Right Exterior Girder	72	0.95	1	1	11.199197
SU6_str	BOBJ1	232	After	Left Exterior Girder	72	0.95	1	1	9.850924
SU6_str	BOBJ1	232	After	Interior Girder 1	72	0.95	1	1	7.078787
SU6_str	BOBJ1	232	After	Interior Girder 2	72	0.95	1	1	6.71258
SU6_str	BOBJ1	232	After	Interior Girder 3	72	0.95	1	1	5.846061
SU6_str	BOBJ1	232	After	Interior Girder 4	72	0.95	1	1	5.911039
SU6_str	BOBJ1	232	After	Interior Girder 5	72	0.95	1	1	6.692694
SU6_str	BOBJ1	232	After	Interior Girder 6	72	0.95	1	1	7.101726
SU6_str	BOBJ1	232	After	Right Exterior Girder	72	0.95	1	1	9.861407
SU6_str	BOBJ1	240	Before	Left Exterior Girder	80	0.95	1	1	9.69935
SU6_str	BOBJ1	240	Before	Interior Girder 1	80	0.95	1	1	6.933782
SU6_str	BOBJ1	240	Before	Interior Girder 2	80	0.95	1	1	6.575888
SU6_str	BOBJ1	240	Before	Interior Girder 3	80	0.95	1	1	5.725945
SU6_str	BOBJ1	240	Before	Interior Girder 4	80	0.95	1	1	5.789589
SU6_str	BOBJ1	240	Before	Interior Girder 5	80	0.95	1	1	6.556407
SU6_str	BOBJ1	240	Before	Interior Girder 6	80	0.95	1	1	6.956251
SU6_str	BOBJ1	240	Before	Right Exterior Girder	80	0.95	1	1	9.709671
SU7_str	BOBJ1	0	After	Left Exterior Girder	0	0.95	1	1	9.11249
SU7_str	BOBJ1	0	After	Interior Girder 1	0	0.95	1	1	7.529642
SU7_str	BOBJ1	0	After	Interior Girder 2	0	0.95	1	1	6.914388
SU7_str	BOBJ1	0	After	Interior Girder 3	0	0.95	1	1	6.454991
SU7_str	BOBJ1	0	After	Interior Girder 4	0	0.95	1	1	6.493662
SU7_str	BOBJ1	0	After	Interior Girder 5	0	0.95	1	1	6.89713
SU7_str	BOBJ1	0	After	Interior Girder 6	0	0.95	1	1	7.555202
SU7_str	BOBJ1	0	After	Right Exterior Girder	0	0.95	1	1	9.123571
SU7_str	BOBJ1	8	Before	Left Exterior Girder	8	0.95	1	1	9.248693
SU7_str	BOBJ1	8	Before	Interior Girder 1	8	0.95	1	1	7.681833
SU7_str	BOBJ1	8	Before	Interior Girder 2	8	0.95	1	1	7.053362
SU7_str	BOBJ1	8	Before	Interior Girder 3	8	0.95	1	1	6.585324
SU7_str	BOBJ1	8	Before	Interior Girder 4	8	0.95	1	1	6.624775
SU7_str	BOBJ1	8	Before	Interior Girder 5	8	0.95	1	1	7.035756
SU7_str	BOBJ1	8	Before	Interior Girder 6	8	0.95	1	1	7.70791
SU7_str	BOBJ1	8	Before	Right Exterior Girder	8	0.95	1	1	9.259939
SU7_str	BOBJ1	8	After	Left Exterior Girder	8	0.95	1	1	10.538386
SU7_str	BOBJ1	8	After	Interior Girder 1	8	0.95	1	1	10.799171
SU7_str	BOBJ1	8	After	Interior Girder 2	8	0.95	1	1	9.604579
SU7_str	BOBJ1	8	After	Interior Girder 3	8	0.95	1	1	9.34792
SU7_str	BOBJ1	8	After	Interior Girder 4	8	0.95	1	1	9.507527
SU7_str	BOBJ1	8	After	Interior Girder 5	8	0.95	1	1	9.759373
SU7_str	BOBJ1	8	After	Interior Girder 6	8	0.95	1	1	10.851404
SU7_str	BOBJ1	8	After	Right Exterior Girder	8	0.95	1	1	10.551907
SU7_str	BOBJ1	16	Before	Left Exterior Girder	16	0.95	1	1	10.689906
SU7_str	BOBJ1	16	Before	Interior Girder 1	16	0.95	1	1	11.012134
SU7_str	BOBJ1	16	Before	Interior Girder 2	16	0.95	1	1	9.792749
SU7_str	BOBJ1	16	Before	Interior Girder 3	16	0.95	1	1	9.531526
SU7_str	BOBJ1	16	Before	Interior Girder 4	16	0.95	1	1	9.694268
SU7_str	BOBJ1	16	Before	Interior Girder 5	16	0.95	1	1	9.950576
SU7_str	BOBJ1	16	Before	Interior Girder 6	16	0.95	1	1	11.065397
SU7_str	BOBJ1	16	Before	Right Exterior Girder	16	0.95	1	1	10.703621
SU7_str	BOBJ1	16	After	Left Exterior Girder	16	0.95	1	1	14.569384
SU7_str	BOBJ1	16	After	Interior Girder 1	16	0.95	1	1	11.809729

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Approach, Span 4-6									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
SU7_str	BOBJ1	16	After	Interior Girder 2	16	0.95	1	1	10.320269
SU7_str	BOBJ1	16	After	Interior Girder 3	16	0.95	1	1	9.775674
SU7_str	BOBJ1	16	After	Interior Girder 4	16	0.95	1	1	10.102966
SU7_str	BOBJ1	16	After	Interior Girder 5	16	0.95	1	1	10.512692
SU7_str	BOBJ1	16	After	Interior Girder 6	16	0.95	1	1	11.9272
SU7_str	BOBJ1	16	After	Right Exterior Girder	16	0.95	1	1	14.589433
SU7_str	BOBJ1	20.5	Before	Left Exterior Girder	20.5	0.95	1	1	14.684272
SU7_str	BOBJ1	20.5	Before	Right Exterior Girder	20.5	0.95	1	1	14.70448
SU7_str	BOBJ1	20.5	After	Left Exterior Girder	20.5	0.95	1	1	15.502253
SU7_str	BOBJ1	20.5	After	Right Exterior Girder	20.5	0.95	1	1	15.525359
SU7_str	BOBJ1	24	Before	Left Exterior Girder	24	0.95	1	1	15.605841
SU7_str	BOBJ1	24	Before	Interior Girder 1	24	0.95	1	1	11.607302
SU7_str	BOBJ1	24	Before	Interior Girder 2	24	0.95	1	1	10.517665
SU7_str	BOBJ1	24	Before	Interior Girder 3	24	0.95	1	1	9.96225
SU7_str	BOBJ1	24	Before	Interior Girder 4	24	0.95	1	1	10.295789
SU7_str	BOBJ1	24	Before	Interior Girder 5	24	0.95	1	1	10.713768
SU7_str	BOBJ1	24	Before	Interior Girder 6	24	0.95	1	1	11.710841
SU7_str	BOBJ1	24	Before	Right Exterior Girder	24	0.95	1	1	15.629101
SU7_str	BOBJ1	24	After	Left Exterior Girder	24	0.95	1	1	18.680508
SU7_str	BOBJ1	24	After	Interior Girder 1	24	0.95	1	1	17.222809
SU7_str	BOBJ1	24	After	Interior Girder 2	24	0.95	1	1	14.671893
SU7_str	BOBJ1	24	After	Interior Girder 3	24	0.95	1	1	12.967059
SU7_str	BOBJ1	24	After	Interior Girder 4	24	0.95	1	1	13.533488
SU7_str	BOBJ1	24	After	Interior Girder 5	24	0.95	1	1	15.11737
SU7_str	BOBJ1	24	After	Interior Girder 6	24	0.95	1	1	17.437991
SU7_str	BOBJ1	24	After	Right Exterior Girder	24	0.95	1	1	18.711396
SU7_str	BOBJ1	32	Before	Left Exterior Girder	32	0.95	1	1	18.959569
SU7_str	BOBJ1	32	Before	Interior Girder 1	32	0.95	1	1	17.487842
SU7_str	BOBJ1	32	Before	Interior Girder 2	32	0.95	1	1	14.945363
SU7_str	BOBJ1	32	Before	Interior Girder 3	32	0.95	1	1	12.736255
SU7_str	BOBJ1	32	Before	Interior Girder 4	32	0.95	1	1	13.292602
SU7_str	BOBJ1	32	Before	Interior Girder 5	32	0.95	1	1	15.399142
SU7_str	BOBJ1	32	Before	Interior Girder 6	32	0.95	1	1	17.762891
SU7_str	BOBJ1	32	Before	Right Exterior Girder	32	0.95	1	1	18.990919
SU7_str	BOBJ1	32	After	Left Exterior Girder	32	0.95	1	1	24.446283
SU7_str	BOBJ1	32	After	Interior Girder 1	32	0.95	1	1	15.943078
SU7_str	BOBJ1	32	After	Interior Girder 2	32	0.95	1	1	14.30714
SU7_str	BOBJ1	32	After	Interior Girder 3	32	0.95	1	1	12.29071
SU7_str	BOBJ1	32	After	Interior Girder 4	32	0.95	1	1	12.795879
SU7_str	BOBJ1	32	After	Interior Girder 5	32	0.95	1	1	14.738879
SU7_str	BOBJ1	32	After	Interior Girder 6	32	0.95	1	1	16.241836
SU7_str	BOBJ1	32	After	Right Exterior Girder	32	0.95	1	1	24.446283
SU7_str	BOBJ1	40	Before	Left Exterior Girder	40	0.95	1	1	24.086475
SU7_str	BOBJ1	40	Before	Interior Girder 1	40	0.95	1	1	16.232081
SU7_str	BOBJ1	40	Before	Interior Girder 2	40	0.95	1	1	14.566429
SU7_str	BOBJ1	40	Before	Interior Girder 3	40	0.95	1	1	12.51375
SU7_str	BOBJ1	40	Before	Interior Girder 4	40	0.95	1	1	13.028086
SU7_str	BOBJ1	40	Before	Interior Girder 5	40	0.95	1	1	15.005993
SU7_str	BOBJ1	40	Before	Interior Girder 6	40	0.95	1	1	16.536255
SU7_str	BOBJ1	40	Before	Right Exterior Girder	40	0.95	1	1	24.086475
SU7_str	BOBJ1	40	After	Left Exterior Girder	40	0.95	1	1	18.642568
SU7_str	BOBJ1	40	After	Interior Girder 1	40	0.95	1	1	12.251821
SU7_str	BOBJ1	40	After	Interior Girder 2	40	0.95	1	1	10.719267
SU7_str	BOBJ1	40	After	Interior Girder 3	40	0.95	1	1	9.867198
SU7_str	BOBJ1	40	After	Interior Girder 4	40	0.95	1	1	10.198429
SU7_str	BOBJ1	40	After	Interior Girder 5	40	0.95	1	1	10.925367
SU7_str	BOBJ1	40	After	Interior Girder 6	40	0.95	1	1	12.394115
SU7_str	BOBJ1	40	After	Right Exterior Girder	40	0.95	1	1	18.642568
SU7_str	BOBJ1	46.5	Before	Left Exterior Girder	46.5	0.95	1	1	18.411756
SU7_str	BOBJ1	46.5	Before	Right Exterior Girder	46.5	0.95	1	1	18.411756
SU7_str	BOBJ1	46.5	After	Left Exterior Girder	46.5	0.95	1	1	14.089623
SU7_str	BOBJ1	46.5	After	Right Exterior Girder	46.5	0.95	1	1	14.089623
SU7_str	BOBJ1	48	Before	Left Exterior Girder	48	0.95	1	1	14.052043
SU7_str	BOBJ1	48	Before	Interior Girder 1	48	0.95	1	1	13.490185
SU7_str	BOBJ1	48	Before	Interior Girder 2	48	0.95	1	1	10.518374

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Approach, Span 4-6									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
SU7_str	BOBJ1	48	Before	Interior Girder 3	48	0.95	1	1	9.682682
SU7_str	BOBJ1	48	Before	Interior Girder 4	48	0.95	1	1	10.007719
SU7_str	BOBJ1	48	Before	Interior Girder 5	48	0.95	1	1	10.720611
SU7_str	BOBJ1	48	Before	Interior Girder 6	48	0.95	1	1	13.66363
SU7_str	BOBJ1	48	Before	Right Exterior Girder	48	0.95	1	1	14.052043
SU7_str	BOBJ1	48	After	Left Exterior Girder	48	0.95	1	1	12.075835
SU7_str	BOBJ1	48	After	Interior Girder 1	48	0.95	1	1	11.657888
SU7_str	BOBJ1	48	After	Interior Girder 2	48	0.95	1	1	10.50919
SU7_str	BOBJ1	48	After	Interior Girder 3	48	0.95	1	1	10.380862
SU7_str	BOBJ1	48	After	Interior Girder 4	48	0.95	1	1	10.598155
SU7_str	BOBJ1	48	After	Interior Girder 5	48	0.95	1	1	10.721147
SU7_str	BOBJ1	48	After	Interior Girder 6	48	0.95	1	1	11.743251
SU7_str	BOBJ1	48	After	Right Exterior Girder	48	0.95	1	1	12.095329
SU7_str	BOBJ1	56	Before	Left Exterior Girder	56	0.95	1	1	11.90483
SU7_str	BOBJ1	56	Before	Interior Girder 1	56	0.95	1	1	11.432548
SU7_str	BOBJ1	56	Before	Interior Girder 2	56	0.95	1	1	10.307219
SU7_str	BOBJ1	56	Before	Interior Girder 3	56	0.95	1	1	10.181425
SU7_str	BOBJ1	56	Before	Interior Girder 4	56	0.95	1	1	10.394544
SU7_str	BOBJ1	56	Before	Interior Girder 5	56	0.95	1	1	10.515103
SU7_str	BOBJ1	56	Before	Interior Girder 6	56	0.95	1	1	11.516261
SU7_str	BOBJ1	56	Before	Right Exterior Girder	56	0.95	1	1	11.924049
SU7_str	BOBJ1	56	After	Left Exterior Girder	56	0.95	1	1	10.805906
SU7_str	BOBJ1	56	After	Interior Girder 1	56	0.95	1	1	8.640409
SU7_str	BOBJ1	56	After	Interior Girder 2	56	0.95	1	1	8.240601
SU7_str	BOBJ1	56	After	Interior Girder 3	56	0.95	1	1	7.920877
SU7_str	BOBJ1	56	After	Interior Girder 4	56	0.95	1	1	7.969541
SU7_str	BOBJ1	56	After	Interior Girder 5	56	0.95	1	1	8.223523
SU7_str	BOBJ1	56	After	Interior Girder 6	56	0.95	1	1	8.653877
SU7_str	BOBJ1	56	After	Right Exterior Girder	56	0.95	1	1	10.820102
SU7_str	BOBJ1	59	Before	Interior Girder 1	59	0.95	1	1	8.576114
SU7_str	BOBJ1	59	Before	Interior Girder 2	59	0.95	1	1	8.179784
SU7_str	BOBJ1	59	Before	Interior Girder 3	59	0.95	1	1	7.862419
SU7_str	BOBJ1	59	Before	Interior Girder 4	59	0.95	1	1	7.910724
SU7_str	BOBJ1	59	Before	Interior Girder 5	59	0.95	1	1	8.162832
SU7_str	BOBJ1	59	Before	Interior Girder 6	59	0.95	1	1	8.589483
SU7_str	BOBJ1	59	After	Interior Girder 1	59	0.95	1	1	5.86538
SU7_str	BOBJ1	59	After	Interior Girder 2	59	0.95	1	1	5.569426
SU7_str	BOBJ1	59	After	Interior Girder 3	59	0.95	1	1	5.244023
SU7_str	BOBJ1	59	After	Interior Girder 4	59	0.95	1	1	5.304861
SU7_str	BOBJ1	59	After	Interior Girder 5	59	0.95	1	1	5.575767
SU7_str	BOBJ1	59	After	Interior Girder 6	59	0.95	1	1	5.884538
SU7_str	BOBJ1	64	Before	Left Exterior Girder	64	0.95	1	1	10.246964
SU7_str	BOBJ1	64	Before	Interior Girder 1	64	0.95	1	1	5.779784
SU7_str	BOBJ1	64	Before	Interior Girder 2	64	0.95	1	1	5.488699
SU7_str	BOBJ1	64	Before	Interior Girder 3	64	0.95	1	1	5.167924
SU7_str	BOBJ1	64	Before	Interior Girder 4	64	0.95	1	1	5.227879
SU7_str	BOBJ1	64	Before	Interior Girder 5	64	0.95	1	1	5.494948
SU7_str	BOBJ1	64	Before	Interior Girder 6	64	0.95	1	1	5.798662
SU7_str	BOBJ1	64	Before	Right Exterior Girder	64	0.95	1	1	10.262248
SU7_str	BOBJ1	64	After	Left Exterior Girder	64	0.95	1	1	7.675242
SU7_str	BOBJ1	64	After	Interior Girder 1	64	0.95	1	1	6.290619
SU7_str	BOBJ1	64	After	Interior Girder 2	64	0.95	1	1	5.751419
SU7_str	BOBJ1	64	After	Interior Girder 3	64	0.95	1	1	5.248734
SU7_str	BOBJ1	64	After	Interior Girder 4	64	0.95	1	1	5.287279
SU7_str	BOBJ1	64	After	Interior Girder 5	64	0.95	1	1	5.785992
SU7_str	BOBJ1	64	After	Interior Girder 6	64	0.95	1	1	6.297268
SU7_str	BOBJ1	64	After	Right Exterior Girder	64	0.95	1	1	7.68507
SU7_str	BOBJ1	69	Before	Interior Girder 1	69	0.95	1	1	6.197186
SU7_str	BOBJ1	69	Before	Interior Girder 2	69	0.95	1	1	5.66731
SU7_str	BOBJ1	69	Before	Interior Girder 3	69	0.95	1	1	5.169919
SU7_str	BOBJ1	69	Before	Interior Girder 4	69	0.95	1	1	5.207886
SU7_str	BOBJ1	69	Before	Interior Girder 5	69	0.95	1	1	5.701377
SU7_str	BOBJ1	69	Before	Interior Girder 6	69	0.95	1	1	6.203736
SU7_str	BOBJ1	69	After	Interior Girder 1	69	0.95	1	1	5.207642
SU7_str	BOBJ1	69	After	Interior Girder 2	69	0.95	1	1	4.981882

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Approach, Span 4-6									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
SU7_str	BOBJ1	69	After	Interior Girder 3	69	0.95	1	1	4.45862
SU7_str	BOBJ1	69	After	Interior Girder 4	69	0.95	1	1	4.470996
SU7_str	BOBJ1	69	After	Interior Girder 5	69	0.95	1	1	4.971136
SU7_str	BOBJ1	69	After	Interior Girder 6	69	0.95	1	1	5.215691
SU7_str	BOBJ1	72	Before	Left Exterior Girder	72	0.95	1	1	5.130126
SU7_str	BOBJ1	72	Before	Interior Girder 1	72	0.95	1	1	5.154355
SU7_str	BOBJ1	72	Before	Interior Girder 2	72	0.95	1	1	4.931893
SU7_str	BOBJ1	72	Before	Interior Girder 3	72	0.95	1	1	4.412525
SU7_str	BOBJ1	72	Before	Interior Girder 4	72	0.95	1	1	4.424774
SU7_str	BOBJ1	72	Before	Interior Girder 5	72	0.95	1	1	4.921254
SU7_str	BOBJ1	72	Before	Interior Girder 6	72	0.95	1	1	5.162322
SU7_str	BOBJ1	72	Before	Right Exterior Girder	72	0.95	1	1	5.136805
SU7_str	BOBJ1	72	After	Left Exterior Girder	72	0.95	1	1	4.810342
SU7_str	BOBJ1	72	After	Interior Girder 1	72	0.95	1	1	5.765714
SU7_str	BOBJ1	72	After	Interior Girder 2	72	0.95	1	1	4.372851
SU7_str	BOBJ1	72	After	Interior Girder 3	72	0.95	1	1	3.757879
SU7_str	BOBJ1	72	After	Interior Girder 4	72	0.95	1	1	3.779622
SU7_str	BOBJ1	72	After	Interior Girder 5	72	0.95	1	1	4.365665
SU7_str	BOBJ1	72	After	Interior Girder 6	72	0.95	1	1	5.795146
SU7_str	BOBJ1	72	After	Right Exterior Girder	72	0.95	1	1	4.816622
SU7_str	BOBJ1	72.5	Before	Left Exterior Girder	72.5	0.95	1	1	4.805193
SU7_str	BOBJ1	72.5	Before	Right Exterior Girder	72.5	0.95	1	1	4.811466
SU7_str	BOBJ1	72.5	After	Left Exterior Girder	72.5	0.95	1	1	6.838976
SU7_str	BOBJ1	72.5	After	Right Exterior Girder	72.5	0.95	1	1	6.847301
SU7_str	BOBJ1	80	Before	Left Exterior Girder	80	0.95	1	1	6.720739
SU7_str	BOBJ1	80	Before	Interior Girder 1	80	0.95	1	1	4.601882
SU7_str	BOBJ1	80	Before	Interior Girder 2	80	0.95	1	1	4.254224
SU7_str	BOBJ1	80	Before	Interior Girder 3	80	0.95	1	1	3.652244
SU7_str	BOBJ1	80	Before	Interior Girder 4	80	0.95	1	1	3.673376
SU7_str	BOBJ1	80	Before	Interior Girder 5	80	0.95	1	1	4.247233
SU7_str	BOBJ1	80	Before	Interior Girder 6	80	0.95	1	1	4.615025
SU7_str	BOBJ1	80	Before	Right Exterior Girder	80	0.95	1	1	6.72892
SU7_str	BOBJ1	80	After	Left Exterior Girder	0	0.95	1	1	7.650268
SU7_str	BOBJ1	80	After	Interior Girder 1	0	0.95	1	1	4.952581
SU7_str	BOBJ1	80	After	Interior Girder 2	0	0.95	1	1	4.597766
SU7_str	BOBJ1	80	After	Interior Girder 3	0	0.95	1	1	3.955921
SU7_str	BOBJ1	80	After	Interior Girder 4	0	0.95	1	1	3.979743
SU7_str	BOBJ1	80	After	Interior Girder 5	0	0.95	1	1	4.588539
SU7_str	BOBJ1	80	After	Interior Girder 6	0	0.95	1	1	4.965999
SU7_str	BOBJ1	80	After	Right Exterior Girder	0	0.95	1	1	7.659215
SU7_str	BOBJ1	87.5	Before	Left Exterior Girder	7.5	0.95	1	1	7.778711
SU7_str	BOBJ1	87.5	Before	Right Exterior Girder	7.5	0.95	1	1	7.787808
SU7_str	BOBJ1	87.5	After	Left Exterior Girder	7.5	0.95	1	1	5.953648
SU7_str	BOBJ1	87.5	After	Right Exterior Girder	7.5	0.95	1	1	5.960866
SU7_str	BOBJ1	88	Before	Left Exterior Girder	8	0.95	1	1	5.959502
SU7_str	BOBJ1	88	Before	Interior Girder 1	8	0.95	1	1	5.653985
SU7_str	BOBJ1	88	Before	Interior Girder 2	8	0.95	1	1	4.720368
SU7_str	BOBJ1	88	Before	Interior Girder 3	8	0.95	1	1	4.065207
SU7_str	BOBJ1	88	Before	Interior Girder 4	8	0.95	1	1	4.089687
SU7_str	BOBJ1	88	Before	Interior Girder 5	8	0.95	1	1	4.710895
SU7_str	BOBJ1	88	Before	Interior Girder 6	8	0.95	1	1	5.686675
SU7_str	BOBJ1	88	Before	Right Exterior Girder	8	0.95	1	1	5.966726
SU7_str	BOBJ1	88	After	Left Exterior Girder	8	0.95	1	1	6.364015
SU7_str	BOBJ1	88	After	Interior Girder 1	8	0.95	1	1	5.682349
SU7_str	BOBJ1	88	After	Interior Girder 2	8	0.95	1	1	5.43084
SU7_str	BOBJ1	88	After	Interior Girder 3	8	0.95	1	1	4.841844
SU7_str	BOBJ1	88	After	Interior Girder 4	8	0.95	1	1	4.857614
SU7_str	BOBJ1	88	After	Interior Girder 5	8	0.95	1	1	5.42372
SU7_str	BOBJ1	88	After	Interior Girder 6	8	0.95	1	1	5.690091
SU7_str	BOBJ1	88	After	Right Exterior Girder	8	0.95	1	1	6.372104
SU7_str	BOBJ1	91	Before	Interior Girder 1	11	0.95	1	1	5.738308
SU7_str	BOBJ1	91	Before	Interior Girder 2	11	0.95	1	1	5.48356
SU7_str	BOBJ1	91	Before	Interior Girder 3	11	0.95	1	1	4.890233
SU7_str	BOBJ1	91	Before	Interior Girder 4	11	0.95	1	1	4.906161
SU7_str	BOBJ1	91	Before	Interior Girder 5	11	0.95	1	1	5.47637

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Approach, Span 4-6									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
SU7_str	BOBJ1	91	Before	Interior Girder 6	11	0.95	1	1	5.746126
SU7_str	BOBJ1	91	After	Interior Girder 1	11	0.95	1	1	6.891327
SU7_str	BOBJ1	91	After	Interior Girder 2	11	0.95	1	1	6.33773
SU7_str	BOBJ1	91	After	Interior Girder 3	11	0.95	1	1	5.738861
SU7_str	BOBJ1	91	After	Interior Girder 4	11	0.95	1	1	5.791139
SU7_str	BOBJ1	91	After	Interior Girder 5	11	0.95	1	1	6.380785
SU7_str	BOBJ1	91	After	Interior Girder 6	11	0.95	1	1	6.902322
SU7_str	BOBJ1	96	Before	Left Exterior Girder	16	0.95	1	1	9.12402
SU7_str	BOBJ1	96	Before	Interior Girder 1	16	0.95	1	1	6.990629
SU7_str	BOBJ1	96	Before	Interior Girder 2	16	0.95	1	1	6.42787
SU7_str	BOBJ1	96	Before	Interior Girder 3	16	0.95	1	1	5.82262
SU7_str	BOBJ1	96	Before	Interior Girder 4	16	0.95	1	1	5.87566
SU7_str	BOBJ1	96	Before	Interior Girder 5	16	0.95	1	1	6.471537
SU7_str	BOBJ1	96	Before	Interior Girder 6	16	0.95	1	1	7.001783
SU7_str	BOBJ1	96	Before	Right Exterior Girder	16	0.95	1	1	9.135151
SU7_str	BOBJ1	96	After	Left Exterior Girder	16	0.95	1	1	8.927159
SU7_str	BOBJ1	96	After	Interior Girder 1	16	0.95	1	1	7.198264
SU7_str	BOBJ1	96	After	Interior Girder 2	16	0.95	1	1	6.683984
SU7_str	BOBJ1	96	After	Interior Girder 3	16	0.95	1	1	6.406423
SU7_str	BOBJ1	96	After	Interior Girder 4	16	0.95	1	1	6.52946
SU7_str	BOBJ1	96	After	Interior Girder 5	16	0.95	1	1	6.756268
SU7_str	BOBJ1	96	After	Interior Girder 6	16	0.95	1	1	7.253871
SU7_str	BOBJ1	96	After	Right Exterior Girder	16	0.95	1	1	8.94063
SU7_str	BOBJ1	104	Before	Left Exterior Girder	24	0.95	1	1	9.076473
SU7_str	BOBJ1	104	Before	Interior Girder 1	24	0.95	1	1	7.361161
SU7_str	BOBJ1	104	Before	Interior Girder 2	24	0.95	1	1	6.834696
SU7_str	BOBJ1	104	Before	Interior Girder 3	24	0.95	1	1	6.550858
SU7_str	BOBJ1	104	Before	Interior Girder 4	24	0.95	1	1	6.676668
SU7_str	BOBJ1	104	Before	Interior Girder 5	24	0.95	1	1	6.908609
SU7_str	BOBJ1	104	Before	Interior Girder 6	24	0.95	1	1	7.418027
SU7_str	BOBJ1	104	Before	Right Exterior Girder	24	0.95	1	1	9.090169
SU7_str	BOBJ1	104	After	Left Exterior Girder	24	0.95	1	1	10.766833
SU7_str	BOBJ1	104	After	Interior Girder 1	24	0.95	1	1	10.479957
SU7_str	BOBJ1	104	After	Interior Girder 2	24	0.95	1	1	9.454897
SU7_str	BOBJ1	104	After	Interior Girder 3	24	0.95	1	1	9.375545
SU7_str	BOBJ1	104	After	Interior Girder 4	24	0.95	1	1	9.589401
SU7_str	BOBJ1	104	After	Interior Girder 5	24	0.95	1	1	9.67488
SU7_str	BOBJ1	104	After	Interior Girder 6	24	0.95	1	1	10.563567
SU7_str	BOBJ1	104	After	Right Exterior Girder	24	0.95	1	1	10.784834
SU7_str	BOBJ1	112	Before	Left Exterior Girder	32	0.95	1	1	10.938407
SU7_str	BOBJ1	112	Before	Interior Girder 1	32	0.95	1	1	10.710497
SU7_str	BOBJ1	112	Before	Interior Girder 2	32	0.95	1	1	9.661696
SU7_str	BOBJ1	112	Before	Interior Girder 3	32	0.95	1	1	9.580455
SU7_str	BOBJ1	112	Before	Interior Girder 4	32	0.95	1	1	9.798986
SU7_str	BOBJ1	112	Before	Interior Girder 5	32	0.95	1	1	9.88649
SU7_str	BOBJ1	112	Before	Interior Girder 6	32	0.95	1	1	10.795945
SU7_str	BOBJ1	112	Before	Right Exterior Girder	32	0.95	1	1	10.956695
SU7_str	BOBJ1	112	After	Left Exterior Girder	32	0.95	1	1	19.089828
SU7_str	BOBJ1	112	After	Interior Girder 1	32	0.95	1	1	10.965452
SU7_str	BOBJ1	112	After	Interior Girder 2	32	0.95	1	1	9.877808
SU7_str	BOBJ1	112	After	Interior Girder 3	32	0.95	1	1	8.76773
SU7_str	BOBJ1	112	After	Interior Girder 4	32	0.95	1	1	9.086868
SU7_str	BOBJ1	112	After	Interior Girder 5	32	0.95	1	1	10.096172
SU7_str	BOBJ1	112	After	Interior Girder 6	32	0.95	1	1	11.12178
SU7_str	BOBJ1	112	After	Right Exterior Girder	32	0.95	1	1	19.089828
SU7_str	BOBJ1	120	Before	Left Exterior Girder	40	0.95	1	1	19.382194
SU7_str	BOBJ1	120	Before	Interior Girder 1	40	0.95	1	1	11.197774
SU7_str	BOBJ1	120	Before	Interior Girder 2	40	0.95	1	1	10.087302
SU7_str	BOBJ1	120	Before	Interior Girder 3	40	0.95	1	1	8.953579
SU7_str	BOBJ1	120	Before	Interior Girder 4	40	0.95	1	1	9.279482
SU7_str	BOBJ1	120	Before	Interior Girder 5	40	0.95	1	1	10.310298
SU7_str	BOBJ1	120	Before	Interior Girder 6	40	0.95	1	1	11.357413
SU7_str	BOBJ1	120	Before	Right Exterior Girder	40	0.95	1	1	19.382194
SU7_str	BOBJ1	120	After	Left Exterior Girder	40	0.95	1	1	20.152137
SU7_str	BOBJ1	120	After	Interior Girder 1	40	0.95	1	1	11.31306

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Approach, Span 4-6									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
SU7_str	BOBJ1	120	After	Interior Girder 2	40	0.95	1	1	10.198489
SU7_str	BOBJ1	120	After	Interior Girder 3	40	0.95	1	1	9.018527
SU7_str	BOBJ1	120	After	Interior Girder 4	40	0.95	1	1	9.349225
SU7_str	BOBJ1	120	After	Interior Girder 5	40	0.95	1	1	10.426075
SU7_str	BOBJ1	120	After	Interior Girder 6	40	0.95	1	1	11.477042
SU7_str	BOBJ1	120	After	Right Exterior Girder	40	0.95	1	1	20.152137
SU7_str	BOBJ1	128	Before	Left Exterior Girder	48	0.95	1	1	19.84883
SU7_str	BOBJ1	128	Before	Interior Girder 1	48	0.95	1	1	11.078541
SU7_str	BOBJ1	128	Before	Interior Girder 2	48	0.95	1	1	9.986847
SU7_str	BOBJ1	128	Before	Interior Girder 3	48	0.95	1	1	8.831432
SU7_str	BOBJ1	128	Before	Interior Girder 4	48	0.95	1	1	9.155269
SU7_str	BOBJ1	128	Before	Interior Girder 5	48	0.95	1	1	10.20971
SU7_str	BOBJ1	128	Before	Interior Girder 6	48	0.95	1	1	11.239123
SU7_str	BOBJ1	128	Before	Right Exterior Girder	48	0.95	1	1	19.84883
SU7_str	BOBJ1	128	After	Left Exterior Girder	48	0.95	1	1	11.287309
SU7_str	BOBJ1	128	After	Interior Girder 1	48	0.95	1	1	10.851501
SU7_str	BOBJ1	128	After	Interior Girder 2	48	0.95	1	1	9.780971
SU7_str	BOBJ1	128	After	Interior Girder 3	48	0.95	1	1	9.701875
SU7_str	BOBJ1	128	After	Interior Girder 4	48	0.95	1	1	9.925242
SU7_str	BOBJ1	128	After	Interior Girder 5	48	0.95	1	1	10.012162
SU7_str	BOBJ1	128	After	Interior Girder 6	48	0.95	1	1	10.939165
SU7_str	BOBJ1	128	After	Right Exterior Girder	48	0.95	1	1	11.306309
SU7_str	BOBJ1	136	Before	Left Exterior Girder	56	0.95	1	1	11.110732
SU7_str	BOBJ1	136	Before	Interior Girder 1	56	0.95	1	1	10.618066
SU7_str	BOBJ1	136	Before	Interior Girder 2	56	0.95	1	1	9.571701
SU7_str	BOBJ1	136	Before	Interior Girder 3	56	0.95	1	1	9.494546
SU7_str	BOBJ1	136	Before	Interior Girder 4	56	0.95	1	1	9.71314
SU7_str	BOBJ1	136	Before	Interior Girder 5	56	0.95	1	1	9.797946
SU7_str	BOBJ1	136	Before	Interior Girder 6	56	0.95	1	1	10.703844
SU7_str	BOBJ1	136	Before	Right Exterior Girder	56	0.95	1	1	11.129435
SU7_str	BOBJ1	136	After	Left Exterior Girder	56	0.95	1	1	9.337319
SU7_str	BOBJ1	136	After	Interior Girder 1	56	0.95	1	1	7.433473
SU7_str	BOBJ1	136	After	Interior Girder 2	56	0.95	1	1	6.899039
SU7_str	BOBJ1	136	After	Interior Girder 3	56	0.95	1	1	6.616382
SU7_str	BOBJ1	136	After	Interior Girder 4	56	0.95	1	1	6.745189
SU7_str	BOBJ1	136	After	Interior Girder 5	56	0.95	1	1	6.975317
SU7_str	BOBJ1	136	After	Interior Girder 6	56	0.95	1	1	7.492847
SU7_str	BOBJ1	136	After	Right Exterior Girder	56	0.95	1	1	9.351473
SU7_str	BOBJ1	144	Before	Left Exterior Girder	64	0.95	1	1	9.184165
SU7_str	BOBJ1	144	Before	Interior Girder 1	64	0.95	1	1	7.269059
SU7_str	BOBJ1	144	Before	Interior Girder 2	64	0.95	1	1	6.74695
SU7_str	BOBJ1	144	Before	Interior Girder 3	64	0.95	1	1	6.470647
SU7_str	BOBJ1	144	Before	Interior Girder 4	64	0.95	1	1	6.596616
SU7_str	BOBJ1	144	Before	Interior Girder 5	64	0.95	1	1	6.821547
SU7_str	BOBJ1	144	Before	Interior Girder 6	64	0.95	1	1	7.32712
SU7_str	BOBJ1	144	Before	Right Exterior Girder	64	0.95	1	1	9.198086
SU7_str	BOBJ1	144	After	Left Exterior Girder	64	0.95	1	1	8.622172
SU7_str	BOBJ1	144	After	Interior Girder 1	64	0.95	1	1	7.022369
SU7_str	BOBJ1	144	After	Interior Girder 2	64	0.95	1	1	6.423484
SU7_str	BOBJ1	144	After	Interior Girder 3	64	0.95	1	1	5.863724
SU7_str	BOBJ1	144	After	Interior Girder 4	64	0.95	1	1	5.93882
SU7_str	BOBJ1	144	After	Interior Girder 5	64	0.95	1	1	6.495878
SU7_str	BOBJ1	144	After	Interior Girder 6	64	0.95	1	1	7.053811
SU7_str	BOBJ1	144	After	Right Exterior Girder	64	0.95	1	1	8.632707
SU7_str	BOBJ1	150	Before	Interior Girder 1	70	0.95	1	1	6.902601
SU7_str	BOBJ1	150	Before	Interior Girder 2	70	0.95	1	1	6.315253
SU7_str	BOBJ1	150	Before	Interior Girder 3	70	0.95	1	1	5.762645
SU7_str	BOBJ1	150	Before	Interior Girder 4	70	0.95	1	1	5.836447
SU7_str	BOBJ1	150	Before	Interior Girder 5	70	0.95	1	1	6.386427
SU7_str	BOBJ1	150	Before	Interior Girder 6	70	0.95	1	1	6.933507
SU7_str	BOBJ1	150	After	Interior Girder 1	70	0.95	1	1	5.285812
SU7_str	BOBJ1	150	After	Interior Girder 2	70	0.95	1	1	5.292766
SU7_str	BOBJ1	150	After	Interior Girder 3	70	0.95	1	1	4.698401
SU7_str	BOBJ1	150	After	Interior Girder 4	70	0.95	1	1	4.717613
SU7_str	BOBJ1	150	After	Interior Girder 5	70	0.95	1	1	5.287766

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Approach, Span 4-6									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
SU7_str	BOBJ1	150	After	Interior Girder 6	70	0.95	1	1	5.292928
SU7_str	BOBJ1	152	Before	Left Exterior Girder	72	0.95	1	1	8.256649
SU7_str	BOBJ1	152	Before	Interior Girder 1	72	0.95	1	1	5.25151
SU7_str	BOBJ1	152	Before	Interior Girder 2	72	0.95	1	1	5.259136
SU7_str	BOBJ1	152	Before	Interior Girder 3	72	0.95	1	1	4.667724
SU7_str	BOBJ1	152	Before	Interior Girder 4	72	0.95	1	1	4.68681
SU7_str	BOBJ1	152	Before	Interior Girder 5	72	0.95	1	1	5.254168
SU7_str	BOBJ1	152	Before	Interior Girder 6	72	0.95	1	1	5.25858
SU7_str	BOBJ1	152	Before	Right Exterior Girder	72	0.95	1	1	8.267411
SU7_str	BOBJ1	152	After	Left Exterior Girder	72	0.95	1	1	7.089573
SU7_str	BOBJ1	152	After	Interior Girder 1	72	0.95	1	1	4.632156
SU7_str	BOBJ1	152	After	Interior Girder 2	72	0.95	1	1	4.736245
SU7_str	BOBJ1	152	After	Interior Girder 3	72	0.95	1	1	4.097466
SU7_str	BOBJ1	152	After	Interior Girder 4	72	0.95	1	1	4.122269
SU7_str	BOBJ1	152	After	Interior Girder 5	72	0.95	1	1	4.726528
SU7_str	BOBJ1	152	After	Interior Girder 6	72	0.95	1	1	4.643867
SU7_str	BOBJ1	152	After	Right Exterior Girder	72	0.95	1	1	7.097894
SU7_str	BOBJ1	154	Before	Left Exterior Girder	74	0.95	1	1	7.061124
SU7_str	BOBJ1	154	Before	Right Exterior Girder	74	0.95	1	1	7.069411
SU7_str	BOBJ1	154	After	Left Exterior Girder	74	0.95	1	1	7.281434
SU7_str	BOBJ1	154	After	Right Exterior Girder	74	0.95	1	1	7.289844
SU7_str	BOBJ1	160	Before	Left Exterior Girder	80	0.95	1	1	7.182178
SU7_str	BOBJ1	160	Before	Interior Girder 1	80	0.95	1	1	4.912088
SU7_str	BOBJ1	160	Before	Interior Girder 2	80	0.95	1	1	4.614689
SU7_str	BOBJ1	160	Before	Interior Girder 3	80	0.95	1	1	3.988952
SU7_str	BOBJ1	160	Before	Interior Girder 4	80	0.95	1	1	4.013098
SU7_str	BOBJ1	160	Before	Interior Girder 5	80	0.95	1	1	4.60522
SU7_str	BOBJ1	160	Before	Interior Girder 6	80	0.95	1	1	4.925093
SU7_str	BOBJ1	160	Before	Right Exterior Girder	80	0.95	1	1	7.190474
SU7_str	BOBJ1	160	After	Left Exterior Girder	0	0.95	1	1	6.306284
SU7_str	BOBJ1	160	After	Interior Girder 1	0	0.95	1	1	4.556262
SU7_str	BOBJ1	160	After	Interior Girder 2	0	0.95	1	1	4.262502
SU7_str	BOBJ1	160	After	Interior Girder 3	0	0.95	1	1	3.677899
SU7_str	BOBJ1	160	After	Interior Girder 4	0	0.95	1	1	3.6993
SU7_str	BOBJ1	160	After	Interior Girder 5	0	0.95	1	1	4.253894
SU7_str	BOBJ1	160	After	Interior Girder 6	0	0.95	1	1	4.568831
SU7_str	BOBJ1	160	After	Right Exterior Girder	0	0.95	1	1	6.313637
SU7_str	BOBJ1	166	Before	Left Exterior Girder	6	0.95	1	1	6.397578
SU7_str	BOBJ1	166	Before	Right Exterior Girder	6	0.95	1	1	6.405038
SU7_str	BOBJ1	166	After	Left Exterior Girder	6	0.95	1	1	6.056589
SU7_str	BOBJ1	166	After	Right Exterior Girder	6	0.95	1	1	6.063833
SU7_str	BOBJ1	168	Before	Left Exterior Girder	8	0.95	1	1	6.082328
SU7_str	BOBJ1	168	Before	Interior Girder 1	8	0.95	1	1	4.378913
SU7_str	BOBJ1	168	Before	Interior Girder 2	8	0.95	1	1	4.379771
SU7_str	BOBJ1	168	Before	Interior Girder 3	8	0.95	1	1	3.782788
SU7_str	BOBJ1	168	Before	Interior Girder 4	8	0.95	1	1	3.8048
SU7_str	BOBJ1	168	Before	Interior Girder 5	8	0.95	1	1	4.370926
SU7_str	BOBJ1	168	Before	Interior Girder 6	8	0.95	1	1	4.39032
SU7_str	BOBJ1	168	Before	Right Exterior Girder	8	0.95	1	1	6.089603
SU7_str	BOBJ1	168	After	Left Exterior Girder	8	0.95	1	1	6.983608
SU7_str	BOBJ1	168	After	Interior Girder 1	8	0.95	1	1	4.764076
SU7_str	BOBJ1	168	After	Interior Girder 2	8	0.95	1	1	4.783076
SU7_str	BOBJ1	168	After	Interior Girder 3	8	0.95	1	1	4.260828
SU7_str	BOBJ1	168	After	Interior Girder 4	8	0.95	1	1	4.275952
SU7_str	BOBJ1	168	After	Interior Girder 5	8	0.95	1	1	4.773028
SU7_str	BOBJ1	168	After	Interior Girder 6	8	0.95	1	1	4.771232
SU7_str	BOBJ1	168	After	Right Exterior Girder	8	0.95	1	1	6.991883
SU7_str	BOBJ1	170	Before	Interior Girder 1	10	0.95	1	1	4.796708
SU7_str	BOBJ1	170	Before	Interior Girder 2	10	0.95	1	1	4.814979
SU7_str	BOBJ1	170	Before	Interior Girder 3	10	0.95	1	1	4.290136
SU7_str	BOBJ1	170	Before	Interior Girder 4	10	0.95	1	1	4.305364
SU7_str	BOBJ1	170	Before	Interior Girder 5	10	0.95	1	1	4.804864
SU7_str	BOBJ1	170	Before	Interior Girder 6	10	0.95	1	1	4.803913
SU7_str	BOBJ1	170	After	Interior Girder 1	10	0.95	1	1	6.186979
SU7_str	BOBJ1	170	After	Interior Girder 2	10	0.95	1	1	5.622271

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Approach, Span 4-6									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
SU7_str	BOBJ1	170	After	Interior Girder 3	10	0.95	1	1	5.181725
SU7_str	BOBJ1	170	After	Interior Girder 4	10	0.95	1	1	5.237572
SU7_str	BOBJ1	170	After	Interior Girder 5	10	0.95	1	1	5.679158
SU7_str	BOBJ1	170	After	Interior Girder 6	10	0.95	1	1	6.204008
SU7_str	BOBJ1	176	Before	Left Exterior Girder	16	0.95	1	1	7.204947
SU7_str	BOBJ1	176	Before	Interior Girder 1	16	0.95	1	1	6.29904
SU7_str	BOBJ1	176	Before	Interior Girder 2	16	0.95	1	1	5.722732
SU7_str	BOBJ1	176	Before	Interior Girder 3	16	0.95	1	1	5.276776
SU7_str	BOBJ1	176	Before	Interior Girder 4	16	0.95	1	1	5.333648
SU7_str	BOBJ1	176	Before	Interior Girder 5	16	0.95	1	1	5.780635
SU7_str	BOBJ1	176	Before	Interior Girder 6	16	0.95	1	1	6.316377
SU7_str	BOBJ1	176	Before	Right Exterior Girder	16	0.95	1	1	7.213838
SU7_str	BOBJ1	176	After	Left Exterior Girder	16	0.95	1	1	9.90652
SU7_str	BOBJ1	176	After	Interior Girder 1	16	0.95	1	1	5.662402
SU7_str	BOBJ1	176	After	Interior Girder 2	16	0.95	1	1	5.489766
SU7_str	BOBJ1	176	After	Interior Girder 3	16	0.95	1	1	5.213992
SU7_str	BOBJ1	176	After	Interior Girder 4	16	0.95	1	1	5.274604
SU7_str	BOBJ1	176	After	Interior Girder 5	16	0.95	1	1	5.49589
SU7_str	BOBJ1	176	After	Interior Girder 6	16	0.95	1	1	5.680675
SU7_str	BOBJ1	176	After	Right Exterior Girder	16	0.95	1	1	9.920768
SU7_str	BOBJ1	181	Before	Interior Girder 1	21	0.95	1	1	5.746396
SU7_str	BOBJ1	181	Before	Interior Girder 2	21	0.95	1	1	5.570448
SU7_str	BOBJ1	181	Before	Interior Girder 3	21	0.95	1	1	5.290625
SU7_str	BOBJ1	181	Before	Interior Girder 4	21	0.95	1	1	5.352128
SU7_str	BOBJ1	181	Before	Interior Girder 5	21	0.95	1	1	5.576662
SU7_str	BOBJ1	181	Before	Interior Girder 6	21	0.95	1	1	5.764939
SU7_str	BOBJ1	181	After	Interior Girder 1	21	0.95	1	1	7.895421
SU7_str	BOBJ1	181	After	Interior Girder 2	21	0.95	1	1	7.736507
SU7_str	BOBJ1	181	After	Interior Girder 3	21	0.95	1	1	7.503882
SU7_str	BOBJ1	181	After	Interior Girder 4	21	0.95	1	1	7.555359
SU7_str	BOBJ1	181	After	Interior Girder 5	21	0.95	1	1	7.720579
SU7_str	BOBJ1	181	After	Interior Girder 6	21	0.95	1	1	7.907681
SU7_str	BOBJ1	184	Before	Left Exterior Girder	24	0.95	1	1	10.462354
SU7_str	BOBJ1	184	Before	Interior Girder 1	24	0.95	1	1	7.956938
SU7_str	BOBJ1	184	Before	Interior Girder 2	24	0.95	1	1	7.7961
SU7_str	BOBJ1	184	Before	Interior Girder 3	24	0.95	1	1	7.561634
SU7_str	BOBJ1	184	Before	Interior Girder 4	24	0.95	1	1	7.613507
SU7_str	BOBJ1	184	Before	Interior Girder 5	24	0.95	1	1	7.780049
SU7_str	BOBJ1	184	Before	Interior Girder 6	24	0.95	1	1	7.969293
SU7_str	BOBJ1	184	Before	Right Exterior Girder	24	0.95	1	1	10.475281
SU7_str	BOBJ1	184	After	Left Exterior Girder	24	0.95	1	1	11.577069
SU7_str	BOBJ1	184	After	Interior Girder 1	24	0.95	1	1	10.434581
SU7_str	BOBJ1	184	After	Interior Girder 2	24	0.95	1	1	9.780903
SU7_str	BOBJ1	184	After	Interior Girder 3	24	0.95	1	1	9.777806
SU7_str	BOBJ1	184	After	Interior Girder 4	24	0.95	1	1	9.984351
SU7_str	BOBJ1	184	After	Interior Girder 5	24	0.95	1	1	9.978619
SU7_str	BOBJ1	184	After	Interior Girder 6	24	0.95	1	1	10.508203
SU7_str	BOBJ1	184	After	Right Exterior Girder	24	0.95	1	1	11.595026
SU7_str	BOBJ1	192	Before	Left Exterior Girder	32	0.95	1	1	11.749766
SU7_str	BOBJ1	192	Before	Interior Girder 1	32	0.95	1	1	10.648136
SU7_str	BOBJ1	192	Before	Interior Girder 2	32	0.95	1	1	9.979342
SU7_str	BOBJ1	192	Before	Interior Girder 3	32	0.95	1	1	9.97596
SU7_str	BOBJ1	192	Before	Interior Girder 4	32	0.95	1	1	10.18669
SU7_str	BOBJ1	192	Before	Interior Girder 5	32	0.95	1	1	10.18107
SU7_str	BOBJ1	192	Before	Interior Girder 6	32	0.95	1	1	10.723266
SU7_str	BOBJ1	192	Before	Right Exterior Girder	32	0.95	1	1	11.76799
SU7_str	BOBJ1	192	After	Left Exterior Girder	32	0.95	1	1	18.440551
SU7_str	BOBJ1	192	After	Interior Girder 1	32	0.95	1	1	11.11346
SU7_str	BOBJ1	192	After	Interior Girder 2	32	0.95	1	1	10.084482
SU7_str	BOBJ1	192	After	Interior Girder 3	32	0.95	1	1	9.323737
SU7_str	BOBJ1	192	After	Interior Girder 4	32	0.95	1	1	9.639403
SU7_str	BOBJ1	192	After	Interior Girder 5	32	0.95	1	1	10.279994
SU7_str	BOBJ1	192	After	Interior Girder 6	32	0.95	1	1	11.244754
SU7_str	BOBJ1	192	After	Right Exterior Girder	32	0.95	1	1	18.440551
SU7_str	BOBJ1	200	Before	Left Exterior Girder	40	0.95	1	1	18.707109

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Approach, Span 4-(									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
SU7_str	BOBJ1	200	Before	Interior Girder 1	40	0.95	1	1	11.333017
SU7_str	BOBJ1	200	Before	Interior Girder 2	40	0.95	1	1	10.283569
SU7_str	BOBJ1	200	Before	Interior Girder 3	40	0.95	1	1	9.507283
SU7_str	BOBJ1	200	Before	Interior Girder 4	40	0.95	1	1	9.829163
SU7_str	BOBJ1	200	Before	Interior Girder 5	40	0.95	1	1	10.482941
SU7_str	BOBJ1	200	Before	Interior Girder 6	40	0.95	1	1	11.466904
SU7_str	BOBJ1	200	Before	Right Exterior Girder	40	0.95	1	1	18.707109
SU7_str	BOBJ1	200	After	Left Exterior Girder	40	0.95	1	1	23.937948
SU7_str	BOBJ1	200	After	Interior Girder 1	40	0.95	1	1	15.789153
SU7_str	BOBJ1	200	After	Interior Girder 2	40	0.95	1	1	13.825093
SU7_str	BOBJ1	200	After	Interior Girder 3	40	0.95	1	1	11.821993
SU7_str	BOBJ1	200	After	Interior Girder 4	40	0.95	1	1	12.300741
SU7_str	BOBJ1	200	After	Interior Girder 5	40	0.95	1	1	14.239302
SU7_str	BOBJ1	200	After	Interior Girder 6	40	0.95	1	1	16.098149
SU7_str	BOBJ1	200	After	Right Exterior Girder	40	0.95	1	1	23.996074
SU7_str	BOBJ1	208	Before	Left Exterior Girder	48	0.95	1	1	24.271348
SU7_str	BOBJ1	208	Before	Interior Girder 1	48	0.95	1	1	15.500155
SU7_str	BOBJ1	208	Before	Interior Girder 2	48	0.95	1	1	13.571424
SU7_str	BOBJ1	208	Before	Interior Girder 3	48	0.95	1	1	11.604639
SU7_str	BOBJ1	208	Before	Interior Girder 4	48	0.95	1	1	12.074584
SU7_str	BOBJ1	208	Before	Interior Girder 5	48	0.95	1	1	13.978033
SU7_str	BOBJ1	208	Before	Interior Girder 6	48	0.95	1	1	15.803495
SU7_str	BOBJ1	208	Before	Right Exterior Girder	48	0.95	1	1	24.330284
SU7_str	BOBJ1	208	After	Left Exterior Girder	48	0.95	1	1	19.067307
SU7_str	BOBJ1	208	After	Interior Girder 1	48	0.95	1	1	15.733927
SU7_str	BOBJ1	208	After	Interior Girder 2	48	0.95	1	1	14.033657
SU7_str	BOBJ1	208	After	Interior Girder 3	48	0.95	1	1	12.658264
SU7_str	BOBJ1	208	After	Interior Girder 4	48	0.95	1	1	13.224277
SU7_str	BOBJ1	208	After	Interior Girder 5	48	0.95	1	1	14.451223
SU7_str	BOBJ1	208	After	Interior Girder 6	48	0.95	1	1	15.917821
SU7_str	BOBJ1	208	After	Right Exterior Girder	48	0.95	1	1	19.10165
SU7_str	BOBJ1	216	Before	Left Exterior Girder	56	0.95	1	1	18.805166
SU7_str	BOBJ1	216	Before	Interior Girder 1	56	0.95	1	1	15.436208
SU7_str	BOBJ1	216	Before	Interior Girder 2	56	0.95	1	1	13.768888
SU7_str	BOBJ1	216	Before	Interior Girder 3	56	0.95	1	1	12.894779
SU7_str	BOBJ1	216	Before	Interior Girder 4	56	0.95	1	1	13.471368
SU7_str	BOBJ1	216	Before	Interior Girder 5	56	0.95	1	1	14.178576
SU7_str	BOBJ1	216	Before	Interior Girder 6	56	0.95	1	1	15.616622
SU7_str	BOBJ1	216	Before	Right Exterior Girder	56	0.95	1	1	18.839036
SU7_str	BOBJ1	216	After	Left Exterior Girder	56	0.95	1	1	15.593068
SU7_str	BOBJ1	216	After	Interior Girder 1	56	0.95	1	1	10.654711
SU7_str	BOBJ1	216	After	Interior Girder 2	56	0.95	1	1	9.807271
SU7_str	BOBJ1	216	After	Interior Girder 3	56	0.95	1	1	9.1944
SU7_str	BOBJ1	216	After	Interior Girder 4	56	0.95	1	1	9.486194
SU7_str	BOBJ1	216	After	Interior Girder 5	56	0.95	1	1	9.972162
SU7_str	BOBJ1	216	After	Interior Girder 6	56	0.95	1	1	10.744117
SU7_str	BOBJ1	216	After	Right Exterior Girder	56	0.95	1	1	15.617854
SU7_str	BOBJ1	224	Before	Left Exterior Girder	64	0.95	1	1	15.370655
SU7_str	BOBJ1	224	Before	Interior Girder 1	64	0.95	1	1	10.448161
SU7_str	BOBJ1	224	Before	Interior Girder 2	64	0.95	1	1	9.617349
SU7_str	BOBJ1	224	Before	Interior Girder 3	64	0.95	1	1	9.016417
SU7_str	BOBJ1	224	Before	Interior Girder 4	64	0.95	1	1	9.302562
SU7_str	BOBJ1	224	Before	Interior Girder 5	64	0.95	1	1	9.779047
SU7_str	BOBJ1	224	Before	Interior Girder 6	64	0.95	1	1	10.535834
SU7_str	BOBJ1	224	Before	Right Exterior Girder	64	0.95	1	1	15.395087
SU7_str	BOBJ1	224	After	Left Exterior Girder	64	0.95	1	1	10.557045
SU7_str	BOBJ1	224	After	Interior Girder 1	64	0.95	1	1	9.828197
SU7_str	BOBJ1	224	After	Interior Girder 2	64	0.95	1	1	9.0694
SU7_str	BOBJ1	224	After	Interior Girder 3	64	0.95	1	1	8.649965
SU7_str	BOBJ1	224	After	Interior Girder 4	64	0.95	1	1	8.793602
SU7_str	BOBJ1	224	After	Interior Girder 5	64	0.95	1	1	9.208747
SU7_str	BOBJ1	224	After	Interior Girder 6	64	0.95	1	1	9.886046
SU7_str	BOBJ1	224	After	Right Exterior Girder	64	0.95	1	1	10.570399
SU7_str	BOBJ1	232	Before	Left Exterior Girder	72	0.95	1	1	10.401164
SU7_str	BOBJ1	232	Before	Interior Girder 1	72	0.95	1	1	9.631703

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Approach, Span 4-6									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
SU7_str	BOBJ1	232	Before	Interior Girder 2	72	0.95	1	1	8.889446
SU7_str	BOBJ1	232	Before	Interior Girder 3	72	0.95	1	1	8.477223
SU7_str	BOBJ1	232	Before	Interior Girder 4	72	0.95	1	1	8.617992
SU7_str	BOBJ1	232	Before	Interior Girder 5	72	0.95	1	1	9.026029
SU7_str	BOBJ1	232	Before	Interior Girder 6	72	0.95	1	1	9.688395
SU7_str	BOBJ1	232	Before	Right Exterior Girder	72	0.95	1	1	10.414321
SU7_str	BOBJ1	232	After	Left Exterior Girder	72	0.95	1	1	9.082134
SU7_str	BOBJ1	232	After	Interior Girder 1	72	0.95	1	1	6.925521
SU7_str	BOBJ1	232	After	Interior Girder 2	72	0.95	1	1	6.53735
SU7_str	BOBJ1	232	After	Interior Girder 3	72	0.95	1	1	5.835049
SU7_str	BOBJ1	232	After	Interior Girder 4	72	0.95	1	1	5.897616
SU7_str	BOBJ1	232	After	Interior Girder 5	72	0.95	1	1	6.518488
SU7_str	BOBJ1	232	After	Interior Girder 6	72	0.95	1	1	6.944073
SU7_str	BOBJ1	232	After	Right Exterior Girder	72	0.95	1	1	9.092816
SU7_str	BOBJ1	240	Before	Left Exterior Girder	80	0.95	1	1	8.942389
SU7_str	BOBJ1	240	Before	Interior Girder 1	80	0.95	1	1	6.783655
SU7_str	BOBJ1	240	Before	Interior Girder 2	80	0.95	1	1	6.404227
SU7_str	BOBJ1	240	Before	Interior Girder 3	80	0.95	1	1	5.71516
SU7_str	BOBJ1	240	Before	Interior Girder 4	80	0.95	1	1	5.776441
SU7_str	BOBJ1	240	Before	Interior Girder 5	80	0.95	1	1	6.385748
SU7_str	BOBJ1	240	Before	Interior Girder 6	80	0.95	1	1	6.801827
SU7_str	BOBJ1	240	Before	Right Exterior Girder	80	0.95	1	1	8.952907
Type 3_str	BOBJ1	0	After	Left Exterior Girder	0	0.95	1	1	13.556296
Type 3_str	BOBJ1	0	After	Interior Girder 1	0	0.95	1	1	10.074957
Type 3_str	BOBJ1	0	After	Interior Girder 2	0	0.95	1	1	9.380296
Type 3_str	BOBJ1	0	After	Interior Girder 3	0	0.95	1	1	8.564248
Type 3_str	BOBJ1	0	After	Interior Girder 4	0	0.95	1	1	8.640287
Type 3_str	BOBJ1	0	After	Interior Girder 5	0	0.95	1	1	9.34792
Type 3_str	BOBJ1	0	After	Interior Girder 6	0	0.95	1	1	10.119323
Type 3_str	BOBJ1	0	After	Right Exterior Girder	0	0.95	1	1	13.568865
Type 3_str	BOBJ1	8	Before	Left Exterior Girder	8	0.95	1	1	13.758919
Type 3_str	BOBJ1	8	Before	Interior Girder 1	8	0.95	1	1	10.278596
Type 3_str	BOBJ1	8	Before	Interior Girder 2	8	0.95	1	1	9.568831
Type 3_str	BOBJ1	8	Before	Interior Girder 3	8	0.95	1	1	8.737168
Type 3_str	BOBJ1	8	Before	Interior Girder 4	8	0.95	1	1	8.814742
Type 3_str	BOBJ1	8	Before	Interior Girder 5	8	0.95	1	1	9.535805
Type 3_str	BOBJ1	8	Before	Interior Girder 6	8	0.95	1	1	10.323858
Type 3_str	BOBJ1	8	Before	Right Exterior Girder	8	0.95	1	1	13.771676
Type 3_str	BOBJ1	8	After	Left Exterior Girder	8	0.95	1	1	15.198631
Type 3_str	BOBJ1	8	After	Interior Girder 1	8	0.95	1	1	14.257524
Type 3_str	BOBJ1	8	After	Interior Girder 2	8	0.95	1	1	13.035843
Type 3_str	BOBJ1	8	After	Interior Girder 3	8	0.95	1	1	12.719751
Type 3_str	BOBJ1	8	After	Interior Girder 4	8	0.95	1	1	12.74535
Type 3_str	BOBJ1	8	After	Interior Girder 5	8	0.95	1	1	13.034291
Type 3_str	BOBJ1	8	After	Interior Girder 6	8	0.95	1	1	14.24906
Type 3_str	BOBJ1	8	After	Right Exterior Girder	8	0.95	1	1	15.213022
Type 3_str	BOBJ1	16	Before	Left Exterior Girder	16	0.95	1	1	15.417156
Type 3_str	BOBJ1	16	Before	Interior Girder 1	16	0.95	1	1	14.538687
Type 3_str	BOBJ1	16	Before	Interior Girder 2	16	0.95	1	1	13.291238
Type 3_str	BOBJ1	16	Before	Interior Girder 3	16	0.95	1	1	12.969585
Type 3_str	BOBJ1	16	Before	Interior Girder 4	16	0.95	1	1	12.995686
Type 3_str	BOBJ1	16	Before	Interior Girder 5	16	0.95	1	1	13.289655
Type 3_str	BOBJ1	16	Before	Interior Girder 6	16	0.95	1	1	14.530057
Type 3_str	BOBJ1	16	Before	Right Exterior Girder	16	0.95	1	1	15.431753
Type 3_str	BOBJ1	16	After	Left Exterior Girder	16	0.95	1	1	20.981114
Type 3_str	BOBJ1	16	After	Interior Girder 1	16	0.95	1	1	15.743239
Type 3_str	BOBJ1	16	After	Interior Girder 2	16	0.95	1	1	13.736669
Type 3_str	BOBJ1	16	After	Interior Girder 3	16	0.95	1	1	12.387174
Type 3_str	BOBJ1	16	After	Interior Girder 4	16	0.95	1	1	12.542308
Type 3_str	BOBJ1	16	After	Interior Girder 5	16	0.95	1	1	13.682444
Type 3_str	BOBJ1	16	After	Interior Girder 6	16	0.95	1	1	15.82909
Type 3_str	BOBJ1	16	After	Right Exterior Girder	16	0.95	1	1	21.006223
Type 3_str	BOBJ1	20.5	Before	Left Exterior Girder	20.5	0.95	1	1	21.146563
Type 3_str	BOBJ1	20.5	Before	Right Exterior Girder	20.5	0.95	1	1	21.17187
Type 3_str	BOBJ1	20.5	After	Left Exterior Girder	20.5	0.95	1	1	23.258173

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Approach, Span 4-6									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Type 3_str	BOBJ1	20.5	After	Right Exterior Girder	20.5	0.95	1	1	23.291228
Type 3_str	BOBJ1	24	Before	Left Exterior Girder	24	0.95	1	1	23.413586
Type 3_str	BOBJ1	24	Before	Interior Girder 1	24	0.95	1	1	15.031357
Type 3_str	BOBJ1	24	Before	Interior Girder 2	24	0.95	1	1	13.99941
Type 3_str	BOBJ1	24	Before	Interior Girder 3	24	0.95	1	1	12.623593
Type 3_str	BOBJ1	24	Before	Interior Girder 4	24	0.95	1	1	12.781687
Type 3_str	BOBJ1	24	Before	Interior Girder 5	24	0.95	1	1	13.944147
Type 3_str	BOBJ1	24	Before	Interior Girder 6	24	0.95	1	1	15.104504
Type 3_str	BOBJ1	24	Before	Right Exterior Girder	24	0.95	1	1	23.446862
Type 3_str	BOBJ1	24	After	Left Exterior Girder	24	0.95	1	1	26.11149
Type 3_str	BOBJ1	24	After	Interior Girder 1	24	0.95	1	1	22.094263
Type 3_str	BOBJ1	24	After	Interior Girder 2	24	0.95	1	1	19.552724
Type 3_str	BOBJ1	24	After	Interior Girder 3	24	0.95	1	1	16.331555
Type 3_str	BOBJ1	24	After	Interior Girder 4	24	0.95	1	1	16.610644
Type 3_str	BOBJ1	24	After	Interior Girder 5	24	0.95	1	1	19.554561
Type 3_str	BOBJ1	24	After	Interior Girder 6	24	0.95	1	1	22.078672
Type 3_str	BOBJ1	24	After	Right Exterior Girder	24	0.95	1	1	26.153649
Type 3_str	BOBJ1	32	Before	Left Exterior Girder	32	0.95	1	1	26.501561
Type 3_str	BOBJ1	32	Before	Interior Girder 1	32	0.95	1	1	21.836994
Type 3_str	BOBJ1	32	Before	Interior Girder 2	32	0.95	1	1	19.38083
Type 3_str	BOBJ1	32	Before	Interior Girder 3	32	0.95	1	1	16.040865
Type 3_str	BOBJ1	32	Before	Interior Girder 4	32	0.95	1	1	16.314987
Type 3_str	BOBJ1	32	Before	Interior Girder 5	32	0.95	1	1	19.274005
Type 3_str	BOBJ1	32	Before	Interior Girder 6	32	0.95	1	1	21.988827
Type 3_str	BOBJ1	32	Before	Right Exterior Girder	32	0.95	1	1	26.54435
Type 3_str	BOBJ1	32	After	Left Exterior Girder	32	0.95	1	1	32.169039
Type 3_str	BOBJ1	32	After	Interior Girder 1	32	0.95	1	1	20.261417
Type 3_str	BOBJ1	32	After	Interior Girder 2	32	0.95	1	1	18.349771
Type 3_str	BOBJ1	32	After	Interior Girder 3	32	0.95	1	1	15.537749
Type 3_str	BOBJ1	32	After	Interior Girder 4	32	0.95	1	1	15.775306
Type 3_str	BOBJ1	32	After	Interior Girder 5	32	0.95	1	1	18.240149
Type 3_str	BOBJ1	32	After	Interior Girder 6	32	0.95	1	1	20.395201
Type 3_str	BOBJ1	32	After	Right Exterior Girder	32	0.95	1	1	32.169039
Type 3_str	BOBJ1	40	Before	Left Exterior Girder	40	0.95	1	1	31.695566
Type 3_str	BOBJ1	40	Before	Interior Girder 1	40	0.95	1	1	20.628699
Type 3_str	BOBJ1	40	Before	Interior Girder 2	40	0.95	1	1	18.682325
Type 3_str	BOBJ1	40	Before	Interior Girder 3	40	0.95	1	1	15.819713
Type 3_str	BOBJ1	40	Before	Interior Girder 4	40	0.95	1	1	16.061581
Type 3_str	BOBJ1	40	Before	Interior Girder 5	40	0.95	1	1	18.570716
Type 3_str	BOBJ1	40	Before	Interior Girder 6	40	0.95	1	1	20.764908
Type 3_str	BOBJ1	40	Before	Right Exterior Girder	40	0.95	1	1	31.695566
Type 3_str	BOBJ1	40	After	Left Exterior Girder	40	0.95	1	1	26.517853
Type 3_str	BOBJ1	40	After	Interior Girder 1	40	0.95	1	1	15.840652
Type 3_str	BOBJ1	40	After	Interior Girder 2	40	0.95	1	1	14.228928
Type 3_str	BOBJ1	40	After	Interior Girder 3	40	0.95	1	1	12.510056
Type 3_str	BOBJ1	40	After	Interior Girder 4	40	0.95	1	1	12.666166
Type 3_str	BOBJ1	40	After	Interior Girder 5	40	0.95	1	1	14.168351
Type 3_str	BOBJ1	40	After	Interior Girder 6	40	0.95	1	1	15.92655
Type 3_str	BOBJ1	40	After	Right Exterior Girder	40	0.95	1	1	26.517853
Type 3_str	BOBJ1	46.5	Before	Left Exterior Girder	46.5	0.95	1	1	26.189538
Type 3_str	BOBJ1	46.5	Before	Right Exterior Girder	46.5	0.95	1	1	26.189538
Type 3_str	BOBJ1	46.5	After	Left Exterior Girder	46.5	0.95	1	1	20.593648
Type 3_str	BOBJ1	46.5	After	Right Exterior Girder	46.5	0.95	1	1	20.593648
Type 3_str	BOBJ1	48	Before	Left Exterior Girder	48	0.95	1	1	20.538721
Type 3_str	BOBJ1	48	Before	Interior Girder 1	48	0.95	1	1	18.145568
Type 3_str	BOBJ1	48	Before	Interior Girder 2	48	0.95	1	1	13.962259
Type 3_str	BOBJ1	48	Before	Interior Girder 3	48	0.95	1	1	12.276119
Type 3_str	BOBJ1	48	Before	Interior Girder 4	48	0.95	1	1	12.42931
Type 3_str	BOBJ1	48	Before	Interior Girder 5	48	0.95	1	1	13.902818
Type 3_str	BOBJ1	48	Before	Interior Girder 6	48	0.95	1	1	18.222092
Type 3_str	BOBJ1	48	Before	Right Exterior Girder	48	0.95	1	1	20.538721
Type 3_str	BOBJ1	48	After	Left Exterior Girder	48	0.95	1	1	17.349713
Type 3_str	BOBJ1	48	After	Interior Girder 1	48	0.95	1	1	15.376536
Type 3_str	BOBJ1	48	After	Interior Girder 2	48	0.95	1	1	14.229757
Type 3_str	BOBJ1	48	After	Interior Girder 3	48	0.95	1	1	13.978722

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Approach, Span 4-6									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Type 3_str	BOBJ1	48	After	Interior Girder 4	48	0.95	1	1	14.024107
Type 3_str	BOBJ1	48	After	Interior Girder 5	48	0.95	1	1	14.225279
Type 3_str	BOBJ1	48	After	Interior Girder 6	48	0.95	1	1	15.371165
Type 3_str	BOBJ1	48	After	Right Exterior Girder	48	0.95	1	1	17.376194
Type 3_str	BOBJ1	56	Before	Left Exterior Girder	56	0.95	1	1	17.104026
Type 3_str	BOBJ1	56	Before	Interior Girder 1	56	0.95	1	1	15.079317
Type 3_str	BOBJ1	56	Before	Interior Girder 2	56	0.95	1	1	13.956283
Type 3_str	BOBJ1	56	Before	Interior Girder 3	56	0.95	1	1	13.710164
Type 3_str	BOBJ1	56	Before	Interior Girder 4	56	0.95	1	1	13.754677
Type 3_str	BOBJ1	56	Before	Interior Girder 5	56	0.95	1	1	13.95189
Type 3_str	BOBJ1	56	Before	Interior Girder 6	56	0.95	1	1	15.074049
Type 3_str	BOBJ1	56	Before	Right Exterior Girder	56	0.95	1	1	17.130132
Type 3_str	BOBJ1	56	After	Left Exterior Girder	56	0.95	1	1	15.452283
Type 3_str	BOBJ1	56	After	Interior Girder 1	56	0.95	1	1	11.428876
Type 3_str	BOBJ1	56	After	Interior Girder 2	56	0.95	1	1	10.687461
Type 3_str	BOBJ1	56	After	Interior Girder 3	56	0.95	1	1	9.75882
Type 3_str	BOBJ1	56	After	Interior Girder 4	56	0.95	1	1	9.875448
Type 3_str	BOBJ1	56	After	Interior Girder 5	56	0.95	1	1	10.662865
Type 3_str	BOBJ1	56	After	Interior Girder 6	56	0.95	1	1	11.456876
Type 3_str	BOBJ1	56	After	Right Exterior Girder	56	0.95	1	1	15.472271
Type 3_str	BOBJ1	59	Before	Interior Girder 1	59	0.95	1	1	11.343832
Type 3_str	BOBJ1	59	Before	Interior Girder 2	59	0.95	1	1	10.608585
Type 3_str	BOBJ1	59	Before	Interior Girder 3	59	0.95	1	1	9.686797
Type 3_str	BOBJ1	59	Before	Interior Girder 4	59	0.95	1	1	9.802565
Type 3_str	BOBJ1	59	Before	Interior Girder 5	59	0.95	1	1	10.58417
Type 3_str	BOBJ1	59	Before	Interior Girder 6	59	0.95	1	1	11.371624
Type 3_str	BOBJ1	59	After	Interior Girder 1	59	0.95	1	1	7.676057
Type 3_str	BOBJ1	59	After	Interior Girder 2	59	0.95	1	1	7.345545
Type 3_str	BOBJ1	59	After	Interior Girder 3	59	0.95	1	1	6.541659
Type 3_str	BOBJ1	59	After	Interior Girder 4	59	0.95	1	1	6.62283
Type 3_str	BOBJ1	59	After	Interior Girder 5	59	0.95	1	1	7.313659
Type 3_str	BOBJ1	59	After	Interior Girder 6	59	0.95	1	1	7.718784
Type 3_str	BOBJ1	64	Before	Left Exterior Girder	64	0.95	1	1	15.503144
Type 3_str	BOBJ1	64	Before	Interior Girder 1	64	0.95	1	1	7.564036
Type 3_str	BOBJ1	64	Before	Interior Girder 2	64	0.95	1	1	7.239072
Type 3_str	BOBJ1	64	Before	Interior Girder 3	64	0.95	1	1	6.446729
Type 3_str	BOBJ1	64	Before	Interior Girder 4	64	0.95	1	1	6.526723
Type 3_str	BOBJ1	64	Before	Interior Girder 5	64	0.95	1	1	7.207649
Type 3_str	BOBJ1	64	Before	Interior Girder 6	64	0.95	1	1	7.60614
Type 3_str	BOBJ1	64	Before	Right Exterior Girder	64	0.95	1	1	15.523885
Type 3_str	BOBJ1	64	After	Left Exterior Girder	64	0.95	1	1	11.207304
Type 3_str	BOBJ1	64	After	Interior Girder 1	64	0.95	1	1	8.478098
Type 3_str	BOBJ1	64	After	Interior Girder 2	64	0.95	1	1	7.758112
Type 3_str	BOBJ1	64	After	Interior Girder 3	64	0.95	1	1	7.00077
Type 3_str	BOBJ1	64	After	Interior Girder 4	64	0.95	1	1	7.023101
Type 3_str	BOBJ1	64	After	Interior Girder 5	64	0.95	1	1	7.748403
Type 3_str	BOBJ1	64	After	Interior Girder 6	64	0.95	1	1	8.479163
Type 3_str	BOBJ1	64	After	Right Exterior Girder	64	0.95	1	1	11.219667
Type 3_str	BOBJ1	69	Before	Interior Girder 1	69	0.95	1	1	8.352174
Type 3_str	BOBJ1	69	Before	Interior Girder 2	69	0.95	1	1	7.644658
Type 3_str	BOBJ1	69	Before	Interior Girder 3	69	0.95	1	1	6.895647
Type 3_str	BOBJ1	69	Before	Interior Girder 4	69	0.95	1	1	6.917643
Type 3_str	BOBJ1	69	Before	Interior Girder 5	69	0.95	1	1	7.63509
Type 3_str	BOBJ1	69	Before	Interior Girder 6	69	0.95	1	1	8.353223
Type 3_str	BOBJ1	69	After	Interior Girder 1	69	0.95	1	1	6.9797
Type 3_str	BOBJ1	69	After	Interior Girder 2	69	0.95	1	1	6.621468
Type 3_str	BOBJ1	69	After	Interior Girder 3	69	0.95	1	1	5.735805
Type 3_str	BOBJ1	69	After	Interior Girder 4	69	0.95	1	1	5.775328
Type 3_str	BOBJ1	69	After	Interior Girder 5	69	0.95	1	1	6.609405
Type 3_str	BOBJ1	69	After	Interior Girder 6	69	0.95	1	1	6.989611
Type 3_str	BOBJ1	72	Before	Left Exterior Girder	72	0.95	1	1	7.716
Type 3_str	BOBJ1	72	Before	Interior Girder 1	72	0.95	1	1	6.908282
Type 3_str	BOBJ1	72	Before	Interior Girder 2	72	0.95	1	1	6.555026
Type 3_str	BOBJ1	72	Before	Interior Girder 3	72	0.95	1	1	5.676506
Type 3_str	BOBJ1	72	Before	Interior Girder 4	72	0.95	1	1	5.715621

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Approach, Span 4-6									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Type 3_str	BOBJ1	72	Before	Interior Girder 5	72	0.95	1	1	6.543084
Type 3_str	BOBJ1	72	Before	Interior Girder 6	72	0.95	1	1	6.918091
Type 3_str	BOBJ1	72	Before	Right Exterior Girder	72	0.95	1	1	7.725001
Type 3_str	BOBJ1	72	After	Left Exterior Girder	72	0.95	1	1	7.229256
Type 3_str	BOBJ1	72	After	Interior Girder 1	72	0.95	1	1	7.694988
Type 3_str	BOBJ1	72	After	Interior Girder 2	72	0.95	1	1	5.963993
Type 3_str	BOBJ1	72	After	Interior Girder 3	72	0.95	1	1	5.01376
Type 3_str	BOBJ1	72	After	Interior Girder 4	72	0.95	1	1	5.063447
Type 3_str	BOBJ1	72	After	Interior Girder 5	72	0.95	1	1	5.937943
Type 3_str	BOBJ1	72	After	Interior Girder 6	72	0.95	1	1	7.738791
Type 3_str	BOBJ1	72	After	Right Exterior Girder	72	0.95	1	1	7.23726
Type 3_str	BOBJ1	72.5	Before	Left Exterior Girder	72.5	0.95	1	1	7.221517
Type 3_str	BOBJ1	72.5	Before	Right Exterior Girder	72.5	0.95	1	1	7.229512
Type 3_str	BOBJ1	72.5	After	Left Exterior Girder	72.5	0.95	1	1	10.464926
Type 3_str	BOBJ1	72.5	After	Right Exterior Girder	72.5	0.95	1	1	10.476414
Type 3_str	BOBJ1	80	Before	Left Exterior Girder	80	0.95	1	1	10.284
Type 3_str	BOBJ1	80	Before	Interior Girder 1	80	0.95	1	1	6.27408
Type 3_str	BOBJ1	80	Before	Interior Girder 2	80	0.95	1	1	5.802202
Type 3_str	BOBJ1	80	Before	Interior Girder 3	80	0.95	1	1	4.872821
Type 3_str	BOBJ1	80	Before	Interior Girder 4	80	0.95	1	1	4.921112
Type 3_str	BOBJ1	80	Before	Interior Girder 5	80	0.95	1	1	5.776858
Type 3_str	BOBJ1	80	Before	Interior Girder 6	80	0.95	1	1	6.308632
Type 3_str	BOBJ1	80	Before	Right Exterior Girder	80	0.95	1	1	10.295289
Type 3_str	BOBJ1	80	After	Left Exterior Girder	0	0.95	1	1	11.581453
Type 3_str	BOBJ1	80	After	Interior Girder 1	0	0.95	1	1	6.692629
Type 3_str	BOBJ1	80	After	Interior Girder 2	0	0.95	1	1	6.24788
Type 3_str	BOBJ1	80	After	Interior Girder 3	0	0.95	1	1	5.214273
Type 3_str	BOBJ1	80	After	Interior Girder 4	0	0.95	1	1	5.266792
Type 3_str	BOBJ1	80	After	Interior Girder 5	0	0.95	1	1	6.220046
Type 3_str	BOBJ1	80	After	Interior Girder 6	0	0.95	1	1	6.729791
Type 3_str	BOBJ1	80	After	Right Exterior Girder	0	0.95	1	1	11.59418
Type 3_str	BOBJ1	87.5	Before	Left Exterior Girder	7.5	0.95	1	1	11.775898
Type 3_str	BOBJ1	87.5	Before	Right Exterior Girder	7.5	0.95	1	1	11.788838
Type 3_str	BOBJ1	87.5	After	Left Exterior Girder	7.5	0.95	1	1	8.936311
Type 3_str	BOBJ1	87.5	After	Right Exterior Girder	7.5	0.95	1	1	8.946352
Type 3_str	BOBJ1	88	Before	Left Exterior Girder	8	0.95	1	1	8.945097
Type 3_str	BOBJ1	88	Before	Interior Girder 1	8	0.95	1	1	7.576761
Type 3_str	BOBJ1	88	Before	Interior Girder 2	8	0.95	1	1	6.414484
Type 3_str	BOBJ1	88	Before	Interior Girder 3	8	0.95	1	1	5.358321
Type 3_str	BOBJ1	88	Before	Interior Girder 4	8	0.95	1	1	5.412292
Type 3_str	BOBJ1	88	Before	Interior Girder 5	8	0.95	1	1	6.385907
Type 3_str	BOBJ1	88	Before	Interior Girder 6	8	0.95	1	1	7.619277
Type 3_str	BOBJ1	88	Before	Right Exterior Girder	8	0.95	1	1	8.955147
Type 3_str	BOBJ1	88	After	Left Exterior Girder	8	0.95	1	1	9.52137
Type 3_str	BOBJ1	88	After	Interior Girder 1	8	0.95	1	1	7.435391
Type 3_str	BOBJ1	88	After	Interior Girder 2	8	0.95	1	1	7.103873
Type 3_str	BOBJ1	88	After	Interior Girder 3	8	0.95	1	1	6.158484
Type 3_str	BOBJ1	88	After	Interior Girder 4	8	0.95	1	1	6.201812
Type 3_str	BOBJ1	88	After	Interior Girder 5	8	0.95	1	1	7.090999
Type 3_str	BOBJ1	88	After	Interior Girder 6	8	0.95	1	1	7.445602
Type 3_str	BOBJ1	88	After	Right Exterior Girder	8	0.95	1	1	9.531864
Type 3_str	BOBJ1	91	Before	Interior Girder 1	11	0.95	1	1	7.508613
Type 3_str	BOBJ1	91	Before	Interior Girder 2	11	0.95	1	1	7.172833
Type 3_str	BOBJ1	91	Before	Interior Girder 3	11	0.95	1	1	6.220032
Type 3_str	BOBJ1	91	Before	Interior Girder 4	11	0.95	1	1	6.263793
Type 3_str	BOBJ1	91	Before	Interior Girder 5	11	0.95	1	1	7.159835
Type 3_str	BOBJ1	91	Before	Interior Girder 6	11	0.95	1	1	7.518926
Type 3_str	BOBJ1	91	After	Interior Girder 1	11	0.95	1	1	9.148368
Type 3_str	BOBJ1	91	After	Interior Girder 2	11	0.95	1	1	8.41067
Type 3_str	BOBJ1	91	After	Interior Girder 3	11	0.95	1	1	7.599861
Type 3_str	BOBJ1	91	After	Interior Girder 4	11	0.95	1	1	7.626556
Type 3_str	BOBJ1	91	After	Interior Girder 5	11	0.95	1	1	8.403321
Type 3_str	BOBJ1	91	After	Interior Girder 6	11	0.95	1	1	9.145265
Type 3_str	BOBJ1	96	Before	Left Exterior Girder	16	0.95	1	1	13.14739
Type 3_str	BOBJ1	96	Before	Interior Girder 1	16	0.95	1	1	9.280195

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Approach, Span 4-6									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Type 3_str	BOBJ1	96	Before	Interior Girder 2	16	0.95	1	1	8.530293
Type 3_str	BOBJ1	96	Before	Interior Girder 3	16	0.95	1	1	7.710781
Type 3_str	BOBJ1	96	Before	Interior Girder 4	16	0.95	1	1	7.737866
Type 3_str	BOBJ1	96	Before	Interior Girder 5	16	0.95	1	1	8.522839
Type 3_str	BOBJ1	96	Before	Interior Girder 6	16	0.95	1	1	9.277046
Type 3_str	BOBJ1	96	Before	Right Exterior Girder	16	0.95	1	1	13.160814
Type 3_str	BOBJ1	96	After	Left Exterior Girder	16	0.95	1	1	12.998311
Type 3_str	BOBJ1	96	After	Interior Girder 1	16	0.95	1	1	9.484211
Type 3_str	BOBJ1	96	After	Interior Girder 2	16	0.95	1	1	8.984302
Type 3_str	BOBJ1	96	After	Interior Girder 3	16	0.95	1	1	8.247825
Type 3_str	BOBJ1	96	After	Interior Girder 4	16	0.95	1	1	8.334207
Type 3_str	BOBJ1	96	After	Interior Girder 5	16	0.95	1	1	8.950055
Type 3_str	BOBJ1	96	After	Interior Girder 6	16	0.95	1	1	9.528116
Type 3_str	BOBJ1	96	After	Right Exterior Girder	16	0.95	1	1	13.014946
Type 3_str	BOBJ1	104	Before	Left Exterior Girder	24	0.95	1	1	13.215718
Type 3_str	BOBJ1	104	Before	Interior Girder 1	24	0.95	1	1	9.698839
Type 3_str	BOBJ1	104	Before	Interior Girder 2	24	0.95	1	1	9.186881
Type 3_str	BOBJ1	104	Before	Interior Girder 3	24	0.95	1	1	8.433774
Type 3_str	BOBJ1	104	Before	Interior Girder 4	24	0.95	1	1	8.522103
Type 3_str	BOBJ1	104	Before	Interior Girder 5	24	0.95	1	1	9.151863
Type 3_str	BOBJ1	104	Before	Interior Girder 6	24	0.95	1	1	9.743738
Type 3_str	BOBJ1	104	Before	Right Exterior Girder	24	0.95	1	1	13.232632
Type 3_str	BOBJ1	104	After	Left Exterior Girder	24	0.95	1	1	15.177133
Type 3_str	BOBJ1	104	After	Interior Girder 1	24	0.95	1	1	13.591097
Type 3_str	BOBJ1	104	After	Interior Girder 2	24	0.95	1	1	12.674069
Type 3_str	BOBJ1	104	After	Interior Girder 3	24	0.95	1	1	12.524457
Type 3_str	BOBJ1	104	After	Interior Girder 4	24	0.95	1	1	12.560885
Type 3_str	BOBJ1	104	After	Interior Girder 5	24	0.95	1	1	12.672947
Type 3_str	BOBJ1	104	After	Interior Girder 6	24	0.95	1	1	13.582284
Type 3_str	BOBJ1	104	After	Right Exterior Girder	24	0.95	1	1	15.20164
Type 3_str	BOBJ1	112	Before	Left Exterior Girder	32	0.95	1	1	15.418988
Type 3_str	BOBJ1	112	Before	Interior Girder 1	32	0.95	1	1	13.890076
Type 3_str	BOBJ1	112	Before	Interior Girder 2	32	0.95	1	1	12.951279
Type 3_str	BOBJ1	112	Before	Interior Girder 3	32	0.95	1	1	12.79819
Type 3_str	BOBJ1	112	Before	Interior Girder 4	32	0.95	1	1	12.835414
Type 3_str	BOBJ1	112	Before	Interior Girder 5	32	0.95	1	1	12.950132
Type 3_str	BOBJ1	112	Before	Interior Girder 6	32	0.95	1	1	13.881069
Type 3_str	BOBJ1	112	Before	Right Exterior Girder	32	0.95	1	1	15.443885
Type 3_str	BOBJ1	112	After	Left Exterior Girder	32	0.95	1	1	26.124296
Type 3_str	BOBJ1	112	After	Interior Girder 1	32	0.95	1	1	14.0355
Type 3_str	BOBJ1	112	After	Interior Girder 2	32	0.95	1	1	12.777449
Type 3_str	BOBJ1	112	After	Interior Girder 3	32	0.95	1	1	11.051255
Type 3_str	BOBJ1	112	After	Interior Girder 4	32	0.95	1	1	11.198156
Type 3_str	BOBJ1	112	After	Interior Girder 5	32	0.95	1	1	12.709684
Type 3_str	BOBJ1	112	After	Interior Girder 6	32	0.95	1	1	14.070288
Type 3_str	BOBJ1	112	After	Right Exterior Girder	32	0.95	1	1	26.124296
Type 3_str	BOBJ1	120	Before	Left Exterior Girder	40	0.95	1	1	26.524396
Type 3_str	BOBJ1	120	Before	Interior Girder 1	40	0.95	1	1	14.332866
Type 3_str	BOBJ1	120	Before	Interior Girder 2	40	0.95	1	1	13.04844
Type 3_str	BOBJ1	120	Before	Interior Girder 3	40	0.95	1	1	11.285507
Type 3_str	BOBJ1	120	Before	Interior Girder 4	40	0.95	1	1	11.435522
Type 3_str	BOBJ1	120	Before	Interior Girder 5	40	0.95	1	1	12.979237
Type 3_str	BOBJ1	120	Before	Interior Girder 6	40	0.95	1	1	14.36839
Type 3_str	BOBJ1	120	Before	Right Exterior Girder	40	0.95	1	1	26.524396
Type 3_str	BOBJ1	120	After	Left Exterior Girder	40	0.95	1	1	27.570128
Type 3_str	BOBJ1	120	After	Interior Girder 1	40	0.95	1	1	14.46741
Type 3_str	BOBJ1	120	After	Interior Girder 2	40	0.95	1	1	13.166127
Type 3_str	BOBJ1	120	After	Interior Girder 3	40	0.95	1	1	11.363568
Type 3_str	BOBJ1	120	After	Interior Girder 4	40	0.95	1	1	11.515768
Type 3_str	BOBJ1	120	After	Interior Girder 5	40	0.95	1	1	13.095476
Type 3_str	BOBJ1	120	After	Interior Girder 6	40	0.95	1	1	14.504736
Type 3_str	BOBJ1	120	After	Right Exterior Girder	40	0.95	1	1	27.570128
Type 3_str	BOBJ1	128	Before	Left Exterior Girder	48	0.95	1	1	27.155173
Type 3_str	BOBJ1	128	Before	Interior Girder 1	48	0.95	1	1	14.167502
Type 3_str	BOBJ1	128	Before	Interior Girder 2	48	0.95	1	1	12.8929

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Approach, Span 4-6									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Type 3_str	BOBJ1	128	Before	Interior Girder 3	48	0.95	1	1	11.127823
Type 3_str	BOBJ1	128	Before	Interior Girder 4	48	0.95	1	1	11.276866
Type 3_str	BOBJ1	128	Before	Interior Girder 5	48	0.95	1	1	12.823715
Type 3_str	BOBJ1	128	Before	Interior Girder 6	48	0.95	1	1	14.204053
Type 3_str	BOBJ1	128	Before	Right Exterior Girder	48	0.95	1	1	27.155173
Type 3_str	BOBJ1	128	After	Left Exterior Girder	48	0.95	1	1	15.876666
Type 3_str	BOBJ1	128	After	Interior Girder 1	48	0.95	1	1	14.060742
Type 3_str	BOBJ1	128	After	Interior Girder 2	48	0.95	1	1	13.104456
Type 3_str	BOBJ1	128	After	Interior Girder 3	48	0.95	1	1	12.95166
Type 3_str	BOBJ1	128	After	Interior Girder 4	48	0.95	1	1	12.98946
Type 3_str	BOBJ1	128	After	Interior Girder 5	48	0.95	1	1	13.103223
Type 3_str	BOBJ1	128	After	Interior Girder 6	48	0.95	1	1	14.051534
Type 3_str	BOBJ1	128	After	Right Exterior Girder	48	0.95	1	1	15.902472
Type 3_str	BOBJ1	136	Before	Left Exterior Girder	56	0.95	1	1	15.628295
Type 3_str	BOBJ1	136	Before	Interior Girder 1	56	0.95	1	1	13.75827
Type 3_str	BOBJ1	136	Before	Interior Girder 2	56	0.95	1	1	12.824078
Type 3_str	BOBJ1	136	Before	Interior Girder 3	56	0.95	1	1	12.674883
Type 3_str	BOBJ1	136	Before	Interior Girder 4	56	0.95	1	1	12.711876
Type 3_str	BOBJ1	136	Before	Interior Girder 5	56	0.95	1	1	12.822871
Type 3_str	BOBJ1	136	Before	Interior Girder 6	56	0.95	1	1	13.74926
Type 3_str	BOBJ1	136	Before	Right Exterior Girder	56	0.95	1	1	15.653697
Type 3_str	BOBJ1	136	After	Left Exterior Girder	56	0.95	1	1	13.56441
Type 3_str	BOBJ1	136	After	Interior Girder 1	56	0.95	1	1	9.787433
Type 3_str	BOBJ1	136	After	Interior Girder 2	56	0.95	1	1	9.267785
Type 3_str	BOBJ1	136	After	Interior Girder 3	56	0.95	1	1	8.507711
Type 3_str	BOBJ1	136	After	Interior Girder 4	56	0.95	1	1	8.597185
Type 3_str	BOBJ1	136	After	Interior Girder 5	56	0.95	1	1	9.232485
Type 3_str	BOBJ1	136	After	Interior Girder 6	56	0.95	1	1	9.832865
Type 3_str	BOBJ1	136	After	Right Exterior Girder	56	0.95	1	1	13.581784
Type 3_str	BOBJ1	144	Before	Left Exterior Girder	64	0.95	1	1	13.341922
Type 3_str	BOBJ1	144	Before	Interior Girder 1	64	0.95	1	1	9.570954
Type 3_str	BOBJ1	144	Before	Interior Girder 2	64	0.95	1	1	9.063477
Type 3_str	BOBJ1	144	Before	Interior Girder 3	64	0.95	1	1	8.320315
Type 3_str	BOBJ1	144	Before	Interior Girder 4	64	0.95	1	1	8.407819
Type 3_str	BOBJ1	144	Before	Interior Girder 5	64	0.95	1	1	9.028956
Type 3_str	BOBJ1	144	Before	Interior Girder 6	64	0.95	1	1	9.615381
Type 3_str	BOBJ1	144	Before	Right Exterior Girder	64	0.95	1	1	13.359011
Type 3_str	BOBJ1	144	After	Left Exterior Girder	64	0.95	1	1	12.452447
Type 3_str	BOBJ1	144	After	Interior Girder 1	64	0.95	1	1	9.348358
Type 3_str	BOBJ1	144	After	Interior Girder 2	64	0.95	1	1	8.597377
Type 3_str	BOBJ1	144	After	Interior Girder 3	64	0.95	1	1	7.826891
Type 3_str	BOBJ1	144	After	Interior Girder 4	64	0.95	1	1	7.851798
Type 3_str	BOBJ1	144	After	Interior Girder 5	64	0.95	1	1	8.589102
Type 3_str	BOBJ1	144	After	Interior Girder 6	64	0.95	1	1	9.346758
Type 3_str	BOBJ1	144	After	Right Exterior Girder	64	0.95	1	1	12.465214
Type 3_str	BOBJ1	150	Before	Interior Girder 1	70	0.95	1	1	9.18892
Type 3_str	BOBJ1	150	Before	Interior Girder 2	70	0.95	1	1	8.452517
Type 3_str	BOBJ1	150	Before	Interior Girder 3	70	0.95	1	1	7.691972
Type 3_str	BOBJ1	150	Before	Interior Girder 4	70	0.95	1	1	7.71645
Type 3_str	BOBJ1	150	Before	Interior Girder 5	70	0.95	1	1	8.444381
Type 3_str	BOBJ1	150	Before	Interior Girder 6	70	0.95	1	1	9.187346
Type 3_str	BOBJ1	150	After	Interior Girder 1	70	0.95	1	1	7.051114
Type 3_str	BOBJ1	150	After	Interior Girder 2	70	0.95	1	1	6.904328
Type 3_str	BOBJ1	150	After	Interior Girder 3	70	0.95	1	1	5.886866
Type 3_str	BOBJ1	150	After	Interior Girder 4	70	0.95	1	1	5.950454
Type 3_str	BOBJ1	150	After	Interior Girder 5	70	0.95	1	1	6.892403
Type 3_str	BOBJ1	150	After	Interior Girder 6	70	0.95	1	1	7.060914
Type 3_str	BOBJ1	152	Before	Left Exterior Girder	72	0.95	1	1	12.373888
Type 3_str	BOBJ1	152	Before	Interior Girder 1	72	0.95	1	1	7.005357
Type 3_str	BOBJ1	152	Before	Interior Girder 2	72	0.95	1	1	6.860458
Type 3_str	BOBJ1	152	Before	Interior Girder 3	72	0.95	1	1	5.848429
Type 3_str	BOBJ1	152	Before	Interior Girder 4	72	0.95	1	1	5.911602
Type 3_str	BOBJ1	152	Before	Interior Girder 5	72	0.95	1	1	6.848609
Type 3_str	BOBJ1	152	Before	Interior Girder 6	72	0.95	1	1	7.015092
Type 3_str	BOBJ1	152	Before	Right Exterior Girder	72	0.95	1	1	12.387147

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Approach, Span 4-6									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Type 3_str	BOBJ1	152	After	Left Exterior Girder	72	0.95	1	1	10.779748
Type 3_str	BOBJ1	152	After	Interior Girder 1	72	0.95	1	1	6.240441
Type 3_str	BOBJ1	152	After	Interior Girder 2	72	0.95	1	1	6.428817
Type 3_str	BOBJ1	152	After	Interior Girder 3	72	0.95	1	1	5.391831
Type 3_str	BOBJ1	152	After	Interior Girder 4	72	0.95	1	1	5.446929
Type 3_str	BOBJ1	152	After	Interior Girder 5	72	0.95	1	1	6.400471
Type 3_str	BOBJ1	152	After	Interior Girder 6	72	0.95	1	1	6.265653
Type 3_str	BOBJ1	152	After	Right Exterior Girder	72	0.95	1	1	10.791686
Type 3_str	BOBJ1	154	Before	Left Exterior Girder	74	0.95	1	1	10.73649
Type 3_str	BOBJ1	154	Before	Right Exterior Girder	74	0.95	1	1	10.748381
Type 3_str	BOBJ1	154	After	Left Exterior Girder	74	0.95	1	1	10.955927
Type 3_str	BOBJ1	154	After	Right Exterior Girder	74	0.95	1	1	10.967768
Type 3_str	BOBJ1	160	Before	Left Exterior Girder	80	0.95	1	1	10.806584
Type 3_str	BOBJ1	160	Before	Interior Girder 1	80	0.95	1	1	6.723811
Type 3_str	BOBJ1	160	Before	Interior Girder 2	80	0.95	1	1	6.26382
Type 3_str	BOBJ1	160	Before	Interior Girder 3	80	0.95	1	1	5.249038
Type 3_str	BOBJ1	160	Before	Interior Girder 4	80	0.95	1	1	5.302676
Type 3_str	BOBJ1	160	Before	Interior Girder 5	80	0.95	1	1	6.236202
Type 3_str	BOBJ1	160	Before	Interior Girder 6	80	0.95	1	1	6.761234
Type 3_str	BOBJ1	160	Before	Right Exterior Girder	80	0.95	1	1	10.818263
Type 3_str	BOBJ1	160	After	Left Exterior Girder	0	0.95	1	1	9.592445
Type 3_str	BOBJ1	160	After	Interior Girder 1	0	0.95	1	1	6.281925
Type 3_str	BOBJ1	160	After	Interior Girder 2	0	0.95	1	1	5.80538
Type 3_str	BOBJ1	160	After	Interior Girder 3	0	0.95	1	1	4.896068
Type 3_str	BOBJ1	160	After	Interior Girder 4	0	0.95	1	1	4.945229
Type 3_str	BOBJ1	160	After	Interior Girder 5	0	0.95	1	1	5.780385
Type 3_str	BOBJ1	160	After	Interior Girder 6	0	0.95	1	1	6.316406
Type 3_str	BOBJ1	160	After	Right Exterior Girder	0	0.95	1	1	9.602462
Type 3_str	BOBJ1	166	Before	Left Exterior Girder	6	0.95	1	1	9.731312
Type 3_str	BOBJ1	166	Before	Right Exterior Girder	6	0.95	1	1	9.741473
Type 3_str	BOBJ1	166	After	Left Exterior Girder	6	0.95	1	1	9.167979
Type 3_str	BOBJ1	166	After	Right Exterior Girder	6	0.95	1	1	9.177763
Type 3_str	BOBJ1	168	Before	Left Exterior Girder	8	0.95	1	1	9.206941
Type 3_str	BOBJ1	168	Before	Interior Girder 1	8	0.95	1	1	5.909647
Type 3_str	BOBJ1	168	Before	Interior Girder 2	8	0.95	1	1	5.965097
Type 3_str	BOBJ1	168	Before	Interior Girder 3	8	0.95	1	1	5.035698
Type 3_str	BOBJ1	168	Before	Interior Girder 4	8	0.95	1	1	5.086261
Type 3_str	BOBJ1	168	Before	Interior Girder 5	8	0.95	1	1	5.939413
Type 3_str	BOBJ1	168	Before	Interior Girder 6	8	0.95	1	1	5.933492
Type 3_str	BOBJ1	168	Before	Right Exterior Girder	8	0.95	1	1	9.216767
Type 3_str	BOBJ1	168	After	Left Exterior Girder	8	0.95	1	1	10.511487
Type 3_str	BOBJ1	168	After	Interior Girder 1	8	0.95	1	1	6.48722
Type 3_str	BOBJ1	168	After	Interior Girder 2	8	0.95	1	1	6.329448
Type 3_str	BOBJ1	168	After	Interior Girder 3	8	0.95	1	1	5.432738
Type 3_str	BOBJ1	168	After	Interior Girder 4	8	0.95	1	1	5.477648
Type 3_str	BOBJ1	168	After	Interior Girder 5	8	0.95	1	1	6.318614
Type 3_str	BOBJ1	168	After	Interior Girder 6	8	0.95	1	1	6.495263
Type 3_str	BOBJ1	168	After	Right Exterior Girder	8	0.95	1	1	10.523088
Type 3_str	BOBJ1	170	Before	Interior Girder 1	10	0.95	1	1	6.531654
Type 3_str	BOBJ1	170	Before	Interior Girder 2	10	0.95	1	1	6.371665
Type 3_str	BOBJ1	170	Before	Interior Girder 3	10	0.95	1	1	5.470107
Type 3_str	BOBJ1	170	Before	Interior Girder 4	10	0.95	1	1	5.515325
Type 3_str	BOBJ1	170	Before	Interior Girder 5	10	0.95	1	1	6.360759
Type 3_str	BOBJ1	170	Before	Interior Girder 6	10	0.95	1	1	6.539752
Type 3_str	BOBJ1	170	After	Interior Girder 1	10	0.95	1	1	8.351057
Type 3_str	BOBJ1	170	After	Interior Girder 2	10	0.95	1	1	7.644237
Type 3_str	BOBJ1	170	After	Interior Girder 3	10	0.95	1	1	6.961346
Type 3_str	BOBJ1	170	After	Interior Girder 4	10	0.95	1	1	6.981556
Type 3_str	BOBJ1	170	After	Interior Girder 5	10	0.95	1	1	7.634275
Type 3_str	BOBJ1	170	After	Interior Girder 6	10	0.95	1	1	8.353074
Type 3_str	BOBJ1	176	Before	Left Exterior Girder	16	0.95	1	1	10.548878
Type 3_str	BOBJ1	176	Before	Interior Girder 1	16	0.95	1	1	8.502315
Type 3_str	BOBJ1	176	Before	Interior Girder 2	16	0.95	1	1	7.780828
Type 3_str	BOBJ1	176	Before	Interior Girder 3	16	0.95	1	1	7.089043
Type 3_str	BOBJ1	176	Before	Interior Girder 4	16	0.95	1	1	7.109623

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Approach, Span 4-6									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Type 3_str	BOBJ1	176	Before	Interior Girder 5	16	0.95	1	1	7.770687
Type 3_str	BOBJ1	176	Before	Interior Girder 6	16	0.95	1	1	8.504368
Type 3_str	BOBJ1	176	Before	Right Exterior Girder	16	0.95	1	1	10.560114
Type 3_str	BOBJ1	176	After	Left Exterior Girder	16	0.95	1	1	14.976338
Type 3_str	BOBJ1	176	After	Interior Girder 1	16	0.95	1	1	7.429605
Type 3_str	BOBJ1	176	After	Interior Girder 2	16	0.95	1	1	7.24278
Type 3_str	BOBJ1	176	After	Interior Girder 3	16	0.95	1	1	6.494967
Type 3_str	BOBJ1	176	After	Interior Girder 4	16	0.95	1	1	6.575857
Type 3_str	BOBJ1	176	After	Interior Girder 5	16	0.95	1	1	7.211532
Type 3_str	BOBJ1	176	After	Interior Girder 6	16	0.95	1	1	7.470414
Type 3_str	BOBJ1	176	After	Right Exterior Girder	16	0.95	1	1	14.995427
Type 3_str	BOBJ1	181	Before	Interior Girder 1	21	0.95	1	1	7.539813
Type 3_str	BOBJ1	181	Before	Interior Girder 2	21	0.95	1	1	7.349226
Type 3_str	BOBJ1	181	Before	Interior Girder 3	21	0.95	1	1	6.590427
Type 3_str	BOBJ1	181	Before	Interior Girder 4	21	0.95	1	1	6.672506
Type 3_str	BOBJ1	181	Before	Interior Girder 5	21	0.95	1	1	7.317518
Type 3_str	BOBJ1	181	Before	Interior Girder 6	21	0.95	1	1	7.581227
Type 3_str	BOBJ1	181	After	Interior Girder 1	21	0.95	1	1	10.509872
Type 3_str	BOBJ1	181	After	Interior Girder 2	21	0.95	1	1	10.035359
Type 3_str	BOBJ1	181	After	Interior Girder 3	21	0.95	1	1	9.236604
Type 3_str	BOBJ1	181	After	Interior Girder 4	21	0.95	1	1	9.347438
Type 3_str	BOBJ1	181	After	Interior Girder 5	21	0.95	1	1	10.012434
Type 3_str	BOBJ1	181	After	Interior Girder 6	21	0.95	1	1	10.535565
Type 3_str	BOBJ1	184	Before	Left Exterior Girder	24	0.95	1	1	14.847777
Type 3_str	BOBJ1	184	Before	Interior Girder 1	24	0.95	1	1	10.591759
Type 3_str	BOBJ1	184	Before	Interior Girder 2	24	0.95	1	1	10.11266
Type 3_str	BOBJ1	184	Before	Interior Girder 3	24	0.95	1	1	9.307691
Type 3_str	BOBJ1	184	Before	Interior Girder 4	24	0.95	1	1	9.419378
Type 3_str	BOBJ1	184	Before	Interior Girder 5	24	0.95	1	1	10.089557
Type 3_str	BOBJ1	184	Before	Interior Girder 6	24	0.95	1	1	10.617652
Type 3_str	BOBJ1	184	Before	Right Exterior Girder	24	0.95	1	1	14.865763
Type 3_str	BOBJ1	184	After	Left Exterior Girder	24	0.95	1	1	16.576848
Type 3_str	BOBJ1	184	After	Interior Girder 1	24	0.95	1	1	13.826674
Type 3_str	BOBJ1	184	After	Interior Girder 2	24	0.95	1	1	13.244584
Type 3_str	BOBJ1	184	After	Interior Girder 3	24	0.95	1	1	13.159027
Type 3_str	BOBJ1	184	After	Interior Girder 4	24	0.95	1	1	13.20283
Type 3_str	BOBJ1	184	After	Interior Girder 5	24	0.95	1	1	13.239616
Type 3_str	BOBJ1	184	After	Interior Girder 6	24	0.95	1	1	13.822256
Type 3_str	BOBJ1	184	After	Right Exterior Girder	24	0.95	1	1	16.601082
Type 3_str	BOBJ1	192	Before	Left Exterior Girder	32	0.95	1	1	16.824127
Type 3_str	BOBJ1	192	Before	Interior Girder 1	32	0.95	1	1	14.109653
Type 3_str	BOBJ1	192	Before	Interior Girder 2	32	0.95	1	1	13.513295
Type 3_str	BOBJ1	192	Before	Interior Girder 3	32	0.95	1	1	13.425704
Type 3_str	BOBJ1	192	Before	Interior Girder 4	32	0.95	1	1	13.470395
Type 3_str	BOBJ1	192	Before	Interior Girder 5	32	0.95	1	1	13.508226
Type 3_str	BOBJ1	192	Before	Interior Girder 6	32	0.95	1	1	14.105144
Type 3_str	BOBJ1	192	Before	Right Exterior Girder	32	0.95	1	1	16.848723
Type 3_str	BOBJ1	192	After	Left Exterior Girder	32	0.95	1	1	25.89469
Type 3_str	BOBJ1	192	After	Interior Girder 1	32	0.95	1	1	14.390055
Type 3_str	BOBJ1	192	After	Interior Girder 2	32	0.95	1	1	13.374897
Type 3_str	BOBJ1	192	After	Interior Girder 3	32	0.95	1	1	11.81345
Type 3_str	BOBJ1	192	After	Interior Girder 4	32	0.95	1	1	11.96167
Type 3_str	BOBJ1	192	After	Interior Girder 5	32	0.95	1	1	13.317997
Type 3_str	BOBJ1	192	After	Interior Girder 6	32	0.95	1	1	14.467631
Type 3_str	BOBJ1	192	After	Right Exterior Girder	32	0.95	1	1	25.89469
Type 3_str	BOBJ1	200	Before	Left Exterior Girder	40	0.95	1	1	26.268998
Type 3_str	BOBJ1	200	Before	Interior Girder 1	40	0.95	1	1	14.674343
Type 3_str	BOBJ1	200	Before	Interior Girder 2	40	0.95	1	1	13.638942
Type 3_str	BOBJ1	200	Before	Interior Girder 3	40	0.95	1	1	12.046008
Type 3_str	BOBJ1	200	Before	Interior Girder 4	40	0.95	1	1	12.197146
Type 3_str	BOBJ1	200	Before	Interior Girder 5	40	0.95	1	1	13.58092
Type 3_str	BOBJ1	200	Before	Interior Girder 6	40	0.95	1	1	14.753452
Type 3_str	BOBJ1	200	Before	Right Exterior Girder	40	0.95	1	1	26.268998
Type 3_str	BOBJ1	200	After	Left Exterior Girder	40	0.95	1	1	31.727163
Type 3_str	BOBJ1	200	After	Interior Girder 1	40	0.95	1	1	20.017755

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Approach, Span 4-6									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Type 3_str	BOBJ1	200	After	Interior Girder 2	40	0.95	1	1	17.729008
Type 3_str	BOBJ1	200	After	Interior Girder 3	40	0.95	1	1	14.9428
Type 3_str	BOBJ1	200	After	Interior Girder 4	40	0.95	1	1	15.167024
Type 3_str	BOBJ1	200	After	Interior Girder 5	40	0.95	1	1	17.622402
Type 3_str	BOBJ1	200	After	Interior Girder 6	40	0.95	1	1	20.152932
Type 3_str	BOBJ1	200	After	Right Exterior Girder	40	0.95	1	1	31.727163
Type 3_str	BOBJ1	208	Before	Left Exterior Girder	48	0.95	1	1	32.169049
Type 3_str	BOBJ1	208	Before	Interior Girder 1	48	0.95	1	1	19.651358
Type 3_str	BOBJ1	208	Before	Interior Girder 2	48	0.95	1	1	17.403708
Type 3_str	BOBJ1	208	Before	Interior Girder 3	48	0.95	1	1	14.668068
Type 3_str	BOBJ1	208	Before	Interior Girder 4	48	0.95	1	1	14.888169
Type 3_str	BOBJ1	208	Before	Interior Girder 5	48	0.95	1	1	17.299058
Type 3_str	BOBJ1	208	Before	Interior Girder 6	48	0.95	1	1	19.784061
Type 3_str	BOBJ1	208	Before	Right Exterior Girder	48	0.95	1	1	32.169049
Type 3_str	BOBJ1	208	After	Left Exterior Girder	48	0.95	1	1	26.527052
Type 3_str	BOBJ1	208	After	Interior Girder 1	48	0.95	1	1	20.230412
Type 3_str	BOBJ1	208	After	Interior Girder 2	48	0.95	1	1	18.661826
Type 3_str	BOBJ1	208	After	Interior Girder 3	48	0.95	1	1	15.914695
Type 3_str	BOBJ1	208	After	Interior Girder 4	48	0.95	1	1	16.186037
Type 3_str	BOBJ1	208	After	Interior Girder 5	48	0.95	1	1	18.661884
Type 3_str	BOBJ1	208	After	Interior Girder 6	48	0.95	1	1	20.217807
Type 3_str	BOBJ1	208	After	Right Exterior Girder	48	0.95	1	1	26.572967
Type 3_str	BOBJ1	216	Before	Left Exterior Girder	56	0.95	1	1	26.162353
Type 3_str	BOBJ1	216	Before	Interior Girder 1	56	0.95	1	1	19.84761
Type 3_str	BOBJ1	216	Before	Interior Girder 2	56	0.95	1	1	18.309739
Type 3_str	BOBJ1	216	Before	Interior Girder 3	56	0.95	1	1	16.212055
Type 3_str	BOBJ1	216	Before	Interior Girder 4	56	0.95	1	1	16.488468
Type 3_str	BOBJ1	216	Before	Interior Girder 5	56	0.95	1	1	18.309796
Type 3_str	BOBJ1	216	Before	Interior Girder 6	56	0.95	1	1	19.835245
Type 3_str	BOBJ1	216	Before	Right Exterior Girder	56	0.95	1	1	26.207636
Type 3_str	BOBJ1	216	After	Left Exterior Girder	56	0.95	1	1	22.558617
Type 3_str	BOBJ1	216	After	Interior Girder 1	56	0.95	1	1	13.876664
Type 3_str	BOBJ1	216	After	Interior Girder 2	56	0.95	1	1	13.045022
Type 3_str	BOBJ1	216	After	Interior Girder 3	56	0.95	1	1	11.66708
Type 3_str	BOBJ1	216	After	Interior Girder 4	56	0.95	1	1	11.810197
Type 3_str	BOBJ1	216	After	Interior Girder 5	56	0.95	1	1	12.99162
Type 3_str	BOBJ1	216	After	Interior Girder 6	56	0.95	1	1	13.948332
Type 3_str	BOBJ1	216	After	Right Exterior Girder	56	0.95	1	1	22.589203
Type 3_str	BOBJ1	224	Before	Left Exterior Girder	64	0.95	1	1	22.23685
Type 3_str	BOBJ1	224	Before	Interior Girder 1	64	0.95	1	1	13.607655
Type 3_str	BOBJ1	224	Before	Interior Girder 2	64	0.95	1	1	12.7924
Type 3_str	BOBJ1	224	Before	Interior Girder 3	64	0.95	1	1	11.44123
Type 3_str	BOBJ1	224	Before	Interior Girder 4	64	0.95	1	1	11.581577
Type 3_str	BOBJ1	224	Before	Interior Girder 5	64	0.95	1	1	12.740032
Type 3_str	BOBJ1	224	Before	Interior Girder 6	64	0.95	1	1	13.677933
Type 3_str	BOBJ1	224	Before	Right Exterior Girder	64	0.95	1	1	22.266999
Type 3_str	BOBJ1	224	After	Left Exterior Girder	64	0.95	1	1	15.133746
Type 3_str	BOBJ1	224	After	Interior Girder 1	64	0.95	1	1	13.023853
Type 3_str	BOBJ1	224	After	Interior Girder 2	64	0.95	1	1	12.24652
Type 3_str	BOBJ1	224	After	Interior Girder 3	64	0.95	1	1	11.645237
Type 3_str	BOBJ1	224	After	Interior Girder 4	64	0.95	1	1	11.685097
Type 3_str	BOBJ1	224	After	Interior Girder 5	64	0.95	1	1	12.237239
Type 3_str	BOBJ1	224	After	Interior Girder 6	64	0.95	1	1	13.02325
Type 3_str	BOBJ1	224	After	Right Exterior Girder	64	0.95	1	1	15.148116
Type 3_str	BOBJ1	232	Before	Left Exterior Girder	72	0.95	1	1	14.910287
Type 3_str	BOBJ1	232	Before	Interior Girder 1	72	0.95	1	1	12.763468
Type 3_str	BOBJ1	232	Before	Interior Girder 2	72	0.95	1	1	12.003527
Type 3_str	BOBJ1	232	Before	Interior Girder 3	72	0.95	1	1	11.412679
Type 3_str	BOBJ1	232	Before	Interior Girder 4	72	0.95	1	1	11.451743
Type 3_str	BOBJ1	232	Before	Interior Girder 5	72	0.95	1	1	11.99443
Type 3_str	BOBJ1	232	Before	Interior Girder 6	72	0.95	1	1	12.762877
Type 3_str	BOBJ1	232	Before	Right Exterior Girder	72	0.95	1	1	14.924445
Type 3_str	BOBJ1	232	After	Left Exterior Girder	72	0.95	1	1	13.527669
Type 3_str	BOBJ1	232	After	Interior Girder 1	72	0.95	1	1	9.280251
Type 3_str	BOBJ1	232	After	Interior Girder 2	72	0.95	1	1	8.820803

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Approach, Span 4-6									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Type 3_str	BOBJ1	232	After	Interior Girder 3	72	0.95	1	1	7.598958
Type 3_str	BOBJ1	232	After	Interior Girder 4	72	0.95	1	1	7.684273
Type 3_str	BOBJ1	232	After	Interior Girder 5	72	0.95	1	1	8.78261
Type 3_str	BOBJ1	232	After	Interior Girder 6	72	0.95	1	1	9.330252
Type 3_str	BOBJ1	232	After	Right Exterior Girder	72	0.95	1	1	13.540159
Type 3_str	BOBJ1	240	Before	Left Exterior Girder	80	0.95	1	1	13.319521
Type 3_str	BOBJ1	240	Before	Interior Girder 1	80	0.95	1	1	9.09015
Type 3_str	BOBJ1	240	Before	Interior Girder 2	80	0.95	1	1	8.64118
Type 3_str	BOBJ1	240	Before	Interior Girder 3	80	0.95	1	1	7.442827
Type 3_str	BOBJ1	240	Before	Interior Girder 4	80	0.95	1	1	7.526389
Type 3_str	BOBJ1	240	Before	Interior Girder 5	80	0.95	1	1	8.603765
Type 3_str	BOBJ1	240	Before	Interior Girder 6	80	0.95	1	1	9.139127
Type 3_str	BOBJ1	240	Before	Right Exterior Girder	80	0.95	1	1	13.331819
Type 3S2_str	BOBJ1	0	After	Left Exterior Girder	0	0.95	1	1	11.388707
Type 3S2_str	BOBJ1	0	After	Interior Girder 1	0	0.95	1	1	9.609206
Type 3S2_str	BOBJ1	0	After	Interior Girder 2	0	0.95	1	1	9.093613
Type 3S2_str	BOBJ1	0	After	Interior Girder 3	0	0.95	1	1	8.458475
Type 3S2_str	BOBJ1	0	After	Interior Girder 4	0	0.95	1	1	8.507632
Type 3S2_str	BOBJ1	0	After	Interior Girder 5	0	0.95	1	1	9.075415
Type 3S2_str	BOBJ1	0	After	Interior Girder 6	0	0.95	1	1	9.643262
Type 3S2_str	BOBJ1	0	After	Right Exterior Girder	0	0.95	1	1	11.401049
Type 3S2_str	BOBJ1	8	Before	Left Exterior Girder	8	0.95	1	1	11.558932
Type 3S2_str	BOBJ1	8	Before	Interior Girder 1	8	0.95	1	1	9.80343
Type 3S2_str	BOBJ1	8	Before	Interior Girder 2	8	0.95	1	1	9.276387
Type 3S2_str	BOBJ1	8	Before	Interior Girder 3	8	0.95	1	1	8.62926
Type 3S2_str	BOBJ1	8	Before	Interior Girder 4	8	0.95	1	1	8.679409
Type 3S2_str	BOBJ1	8	Before	Interior Girder 5	8	0.95	1	1	9.257823
Type 3S2_str	BOBJ1	8	Before	Interior Girder 6	8	0.95	1	1	9.838175
Type 3S2_str	BOBJ1	8	Before	Right Exterior Girder	8	0.95	1	1	11.571458
Type 3S2_str	BOBJ1	8	After	Left Exterior Girder	8	0.95	1	1	13.285238
Type 3S2_str	BOBJ1	8	After	Interior Girder 1	8	0.95	1	1	13.656419
Type 3S2_str	BOBJ1	8	After	Interior Girder 2	8	0.95	1	1	12.606343
Type 3S2_str	BOBJ1	8	After	Interior Girder 3	8	0.95	1	1	12.352889
Type 3S2_str	BOBJ1	8	After	Interior Girder 4	8	0.95	1	1	12.377536
Type 3S2_str	BOBJ1	8	After	Interior Girder 5	8	0.95	1	1	12.61461
Type 3S2_str	BOBJ1	8	After	Interior Girder 6	8	0.95	1	1	13.645168
Type 3S2_str	BOBJ1	8	After	Right Exterior Girder	8	0.95	1	1	13.308483
Type 3S2_str	BOBJ1	16	Before	Left Exterior Girder	16	0.95	1	1	13.476252
Type 3S2_str	BOBJ1	16	Before	Interior Girder 1	16	0.95	1	1	13.925728
Type 3S2_str	BOBJ1	16	Before	Interior Girder 2	16	0.95	1	1	12.853323
Type 3S2_str	BOBJ1	16	Before	Interior Girder 3	16	0.95	1	1	12.595517
Type 3S2_str	BOBJ1	16	Before	Interior Girder 4	16	0.95	1	1	12.620648
Type 3S2_str	BOBJ1	16	Before	Interior Girder 5	16	0.95	1	1	12.861752
Type 3S2_str	BOBJ1	16	Before	Interior Girder 6	16	0.95	1	1	13.914255
Type 3S2_str	BOBJ1	16	Before	Right Exterior Girder	16	0.95	1	1	13.499831
Type 3S2_str	BOBJ1	16	After	Left Exterior Girder	16	0.95	1	1	18.50822
Type 3S2_str	BOBJ1	16	After	Interior Girder 1	16	0.95	1	1	15.960098
Type 3S2_str	BOBJ1	16	After	Interior Girder 2	16	0.95	1	1	14.017083
Type 3S2_str	BOBJ1	16	After	Interior Girder 3	16	0.95	1	1	12.951398
Type 3S2_str	BOBJ1	16	After	Interior Girder 4	16	0.95	1	1	13.107626
Type 3S2_str	BOBJ1	16	After	Interior Girder 5	16	0.95	1	1	13.983438
Type 3S2_str	BOBJ1	16	After	Interior Girder 6	16	0.95	1	1	16.028041
Type 3S2_str	BOBJ1	16	After	Right Exterior Girder	16	0.95	1	1	18.521307
Type 3S2_str	BOBJ1	20.5	Before	Left Exterior Girder	20.5	0.95	1	1	18.654168
Type 3S2_str	BOBJ1	20.5	Before	Right Exterior Girder	20.5	0.95	1	1	18.667359
Type 3S2_str	BOBJ1	20.5	After	Left Exterior Girder	20.5	0.95	1	1	20.71573
Type 3S2_str	BOBJ1	20.5	After	Right Exterior Girder	20.5	0.95	1	1	20.739186
Type 3S2_str	BOBJ1	24	Before	Left Exterior Girder	24	0.95	1	1	20.854154
Type 3S2_str	BOBJ1	24	Before	Interior Girder 1	24	0.95	1	1	15.358322
Type 3S2_str	BOBJ1	24	Before	Interior Girder 2	24	0.95	1	1	14.285187
Type 3S2_str	BOBJ1	24	Before	Interior Girder 3	24	0.95	1	1	13.198585
Type 3S2_str	BOBJ1	24	Before	Interior Girder 4	24	0.95	1	1	13.357795
Type 3S2_str	BOBJ1	24	Before	Interior Girder 5	24	0.95	1	1	14.250899
Type 3S2_str	BOBJ1	24	Before	Interior Girder 6	24	0.95	1	1	15.416404
Type 3S2_str	BOBJ1	24	Before	Right Exterior Girder	24	0.95	1	1	20.877767

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Approach, Span 4-6									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Type 3S2_str	BOBJ1	24	After	Left Exterior Girder	24	0.95	1	1	24.087276
Type 3S2_str	BOBJ1	24	After	Interior Girder 1	24	0.95	1	1	23.273641
Type 3S2_str	BOBJ1	24	After	Interior Girder 2	24	0.95	1	1	20.282017
Type 3S2_str	BOBJ1	24	After	Interior Girder 3	24	0.95	1	1	17.582249
Type 3S2_str	BOBJ1	24	After	Interior Girder 4	24	0.95	1	1	17.87307
Type 3S2_str	BOBJ1	24	After	Interior Girder 5	24	0.95	1	1	20.304352
Type 3S2_str	BOBJ1	24	After	Interior Girder 6	24	0.95	1	1	23.18509
Type 3S2_str	BOBJ1	24	After	Right Exterior Girder	24	0.95	1	1	24.126901
Type 3S2_str	BOBJ1	32	Before	Left Exterior Girder	32	0.95	1	1	24.447108
Type 3S2_str	BOBJ1	32	Before	Interior Girder 1	32	0.95	1	1	23.461433
Type 3S2_str	BOBJ1	32	Before	Interior Girder 2	32	0.95	1	1	20.660054
Type 3S2_str	BOBJ1	32	Before	Interior Girder 3	32	0.95	1	1	17.269298
Type 3S2_str	BOBJ1	32	Before	Interior Girder 4	32	0.95	1	1	17.554942
Type 3S2_str	BOBJ1	32	Before	Interior Girder 5	32	0.95	1	1	20.682805
Type 3S2_str	BOBJ1	32	Before	Interior Girder 6	32	0.95	1	1	23.617068
Type 3S2_str	BOBJ1	32	Before	Right Exterior Girder	32	0.95	1	1	24.487325
Type 3S2_str	BOBJ1	32	After	Left Exterior Girder	32	0.95	1	1	35.524548
Type 3S2_str	BOBJ1	32	After	Interior Girder 1	32	0.95	1	1	22.110912
Type 3S2_str	BOBJ1	32	After	Interior Girder 2	32	0.95	1	1	20.178852
Type 3S2_str	BOBJ1	32	After	Interior Girder 3	32	0.95	1	1	17.031003
Type 3S2_str	BOBJ1	32	After	Interior Girder 4	32	0.95	1	1	17.302731
Type 3S2_str	BOBJ1	32	After	Interior Girder 5	32	0.95	1	1	20.058706
Type 3S2_str	BOBJ1	32	After	Interior Girder 6	32	0.95	1	1	22.236445
Type 3S2_str	BOBJ1	32	After	Right Exterior Girder	32	0.95	1	1	35.642007
Type 3S2_str	BOBJ1	40	Before	Left Exterior Girder	40	0.95	1	1	35.001687
Type 3S2_str	BOBJ1	40	Before	Interior Girder 1	40	0.95	1	1	22.51172
Type 3S2_str	BOBJ1	40	Before	Interior Girder 2	40	0.95	1	1	20.544554
Type 3S2_str	BOBJ1	40	Before	Interior Girder 3	40	0.95	1	1	17.340065
Type 3S2_str	BOBJ1	40	Before	Interior Girder 4	40	0.95	1	1	17.616725
Type 3S2_str	BOBJ1	40	Before	Interior Girder 5	40	0.95	1	1	20.42223
Type 3S2_str	BOBJ1	40	Before	Interior Girder 6	40	0.95	1	1	22.639529
Type 3S2_str	BOBJ1	40	Before	Right Exterior Girder	40	0.95	1	1	35.117418
Type 3S2_str	BOBJ1	40	After	Left Exterior Girder	40	0.95	1	1	27.065428
Type 3S2_str	BOBJ1	40	After	Interior Girder 1	40	0.95	1	1	17.128497
Type 3S2_str	BOBJ1	40	After	Interior Girder 2	40	0.95	1	1	15.438715
Type 3S2_str	BOBJ1	40	After	Interior Girder 3	40	0.95	1	1	13.622277
Type 3S2_str	BOBJ1	40	After	Interior Girder 4	40	0.95	1	1	13.784
Type 3S2_str	BOBJ1	40	After	Interior Girder 5	40	0.95	1	1	15.38871
Type 3S2_str	BOBJ1	40	After	Interior Girder 6	40	0.95	1	1	17.213597
Type 3S2_str	BOBJ1	40	After	Right Exterior Girder	40	0.95	1	1	27.065428
Type 3S2_str	BOBJ1	46.5	Before	Left Exterior Girder	46.5	0.95	1	1	26.730334
Type 3S2_str	BOBJ1	46.5	Before	Right Exterior Girder	46.5	0.95	1	1	26.730334
Type 3S2_str	BOBJ1	46.5	After	Left Exterior Girder	46.5	0.95	1	1	19.731945
Type 3S2_str	BOBJ1	46.5	After	Right Exterior Girder	46.5	0.95	1	1	19.731945
Type 3S2_str	BOBJ1	48	Before	Left Exterior Girder	48	0.95	1	1	19.679316
Type 3S2_str	BOBJ1	48	Before	Interior Girder 1	48	0.95	1	1	19.812465
Type 3S2_str	BOBJ1	48	Before	Interior Girder 2	48	0.95	1	1	15.149373
Type 3S2_str	BOBJ1	48	Before	Interior Girder 3	48	0.95	1	1	13.367542
Type 3S2_str	BOBJ1	48	Before	Interior Girder 4	48	0.95	1	1	13.526241
Type 3S2_str	BOBJ1	48	Before	Interior Girder 5	48	0.95	1	1	15.100305
Type 3S2_str	BOBJ1	48	Before	Interior Girder 6	48	0.95	1	1	19.886346
Type 3S2_str	BOBJ1	48	Before	Right Exterior Girder	48	0.95	1	1	19.679316
Type 3S2_str	BOBJ1	48	After	Left Exterior Girder	48	0.95	1	1	15.550414
Type 3S2_str	BOBJ1	48	After	Interior Girder 1	48	0.95	1	1	15.248023
Type 3S2_str	BOBJ1	48	After	Interior Girder 2	48	0.95	1	1	14.023646
Type 3S2_str	BOBJ1	48	After	Interior Girder 3	48	0.95	1	1	13.777345
Type 3S2_str	BOBJ1	48	After	Interior Girder 4	48	0.95	1	1	13.848243
Type 3S2_str	BOBJ1	48	After	Interior Girder 5	48	0.95	1	1	14.029464
Type 3S2_str	BOBJ1	48	After	Interior Girder 6	48	0.95	1	1	15.198558
Type 3S2_str	BOBJ1	48	After	Right Exterior Girder	48	0.95	1	1	15.576977
Type 3S2_str	BOBJ1	56	Before	Left Exterior Girder	56	0.95	1	1	15.330206
Type 3S2_str	BOBJ1	56	Before	Interior Girder 1	56	0.95	1	1	14.953287
Type 3S2_str	BOBJ1	56	Before	Interior Girder 2	56	0.95	1	1	13.754132
Type 3S2_str	BOBJ1	56	Before	Interior Girder 3	56	0.95	1	1	13.512656
Type 3S2_str	BOBJ1	56	Before	Interior Girder 4	56	0.95	1	1	13.582191

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Approach, Span 4-6									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Type 3S2_str	BOBJ1	56	Before	Interior Girder 5	56	0.95	1	1	13.759838
Type 3S2_str	BOBJ1	56	Before	Interior Girder 6	56	0.95	1	1	14.904778
Type 3S2_str	BOBJ1	56	Before	Right Exterior Girder	56	0.95	1	1	15.356393
Type 3S2_str	BOBJ1	56	After	Left Exterior Girder	56	0.95	1	1	13.182759
Type 3S2_str	BOBJ1	56	After	Interior Girder 1	56	0.95	1	1	10.84387
Type 3S2_str	BOBJ1	56	After	Interior Girder 2	56	0.95	1	1	10.344097
Type 3S2_str	BOBJ1	56	After	Interior Girder 3	56	0.95	1	1	9.711531
Type 3S2_str	BOBJ1	56	After	Interior Girder 4	56	0.95	1	1	9.791666
Type 3S2_str	BOBJ1	56	After	Interior Girder 5	56	0.95	1	1	10.334714
Type 3S2_str	BOBJ1	56	After	Interior Girder 6	56	0.95	1	1	10.862524
Type 3S2_str	BOBJ1	56	After	Right Exterior Girder	56	0.95	1	1	13.19208
Type 3S2_str	BOBJ1	59	Before	Interior Girder 1	59	0.95	1	1	10.763179
Type 3S2_str	BOBJ1	59	Before	Interior Girder 2	59	0.95	1	1	10.267755
Type 3S2_str	BOBJ1	59	Before	Interior Girder 3	59	0.95	1	1	9.639858
Type 3S2_str	BOBJ1	59	Before	Interior Girder 4	59	0.95	1	1	9.719401
Type 3S2_str	BOBJ1	59	Before	Interior Girder 5	59	0.95	1	1	10.258442
Type 3S2_str	BOBJ1	59	Before	Interior Girder 6	59	0.95	1	1	10.781695
Type 3S2_str	BOBJ1	59	After	Interior Girder 1	59	0.95	1	1	7.283475
Type 3S2_str	BOBJ1	59	After	Interior Girder 2	59	0.95	1	1	7.026129
Type 3S2_str	BOBJ1	59	After	Interior Girder 3	59	0.95	1	1	6.502426
Type 3S2_str	BOBJ1	59	After	Interior Girder 4	59	0.95	1	1	6.571346
Type 3S2_str	BOBJ1	59	After	Interior Girder 5	59	0.95	1	1	7.00369
Type 3S2_str	BOBJ1	59	After	Interior Girder 6	59	0.95	1	1	7.316803
Type 3S2_str	BOBJ1	64	Before	Left Exterior Girder	64	0.95	1	1	13.216159
Type 3S2_str	BOBJ1	64	Before	Interior Girder 1	64	0.95	1	1	7.177183
Type 3S2_str	BOBJ1	64	Before	Interior Girder 2	64	0.95	1	1	6.924286
Type 3S2_str	BOBJ1	64	Before	Interior Girder 3	64	0.95	1	1	6.408066
Type 3S2_str	BOBJ1	64	Before	Interior Girder 4	64	0.95	1	1	6.475985
Type 3S2_str	BOBJ1	64	Before	Interior Girder 5	64	0.95	1	1	6.902173
Type 3S2_str	BOBJ1	64	Before	Interior Girder 6	64	0.95	1	1	7.210025
Type 3S2_str	BOBJ1	64	Before	Right Exterior Girder	64	0.95	1	1	13.231793
Type 3S2_str	BOBJ1	64	After	Left Exterior Girder	64	0.95	1	1	9.302431
Type 3S2_str	BOBJ1	64	After	Interior Girder 1	64	0.95	1	1	7.655288
Type 3S2_str	BOBJ1	64	After	Interior Girder 2	64	0.95	1	1	7.130435
Type 3S2_str	BOBJ1	64	After	Interior Girder 3	64	0.95	1	1	6.487646
Type 3S2_str	BOBJ1	64	After	Interior Girder 4	64	0.95	1	1	6.500286
Type 3S2_str	BOBJ1	64	After	Interior Girder 5	64	0.95	1	1	7.124577
Type 3S2_str	BOBJ1	64	After	Interior Girder 6	64	0.95	1	1	7.654749
Type 3S2_str	BOBJ1	64	After	Right Exterior Girder	64	0.95	1	1	9.315976
Type 3S2_str	BOBJ1	69	Before	Interior Girder 1	69	0.95	1	1	7.541586
Type 3S2_str	BOBJ1	69	Before	Interior Girder 2	69	0.95	1	1	7.02616
Type 3S2_str	BOBJ1	69	Before	Interior Girder 3	69	0.95	1	1	6.390228
Type 3S2_str	BOBJ1	69	Before	Interior Girder 4	69	0.95	1	1	6.402678
Type 3S2_str	BOBJ1	69	Before	Interior Girder 5	69	0.95	1	1	7.020388
Type 3S2_str	BOBJ1	69	Before	Interior Girder 6	69	0.95	1	1	7.541054
Type 3S2_str	BOBJ1	69	After	Interior Girder 1	69	0.95	1	1	6.281294
Type 3S2_str	BOBJ1	69	After	Interior Girder 2	69	0.95	1	1	6.088341
Type 3S2_str	BOBJ1	69	After	Interior Girder 3	69	0.95	1	1	5.353496
Type 3S2_str	BOBJ1	69	After	Interior Girder 4	69	0.95	1	1	5.381089
Type 3S2_str	BOBJ1	69	After	Interior Girder 5	69	0.95	1	1	6.080137
Type 3S2_str	BOBJ1	69	After	Interior Girder 6	69	0.95	1	1	6.286252
Type 3S2_str	BOBJ1	72	Before	Left Exterior Girder	72	0.95	1	1	6.320572
Type 3S2_str	BOBJ1	72	Before	Interior Girder 1	72	0.95	1	1	6.217022
Type 3S2_str	BOBJ1	72	Before	Interior Girder 2	72	0.95	1	1	6.027248
Type 3S2_str	BOBJ1	72	Before	Interior Girder 3	72	0.95	1	1	5.29815
Type 3S2_str	BOBJ1	72	Before	Interior Girder 4	72	0.95	1	1	5.325457
Type 3S2_str	BOBJ1	72	Before	Interior Girder 5	72	0.95	1	1	6.019127
Type 3S2_str	BOBJ1	72	Before	Interior Girder 6	72	0.95	1	1	6.221929
Type 3S2_str	BOBJ1	72	Before	Right Exterior Girder	72	0.95	1	1	6.328919
Type 3S2_str	BOBJ1	72	After	Left Exterior Girder	72	0.95	1	1	5.910515
Type 3S2_str	BOBJ1	72	After	Interior Girder 1	72	0.95	1	1	7.627346
Type 3S2_str	BOBJ1	72	After	Interior Girder 2	72	0.95	1	1	5.503281
Type 3S2_str	BOBJ1	72	After	Interior Girder 3	72	0.95	1	1	4.72437
Type 3S2_str	BOBJ1	72	After	Interior Girder 4	72	0.95	1	1	4.75193
Type 3S2_str	BOBJ1	72	After	Interior Girder 5	72	0.95	1	1	5.483865

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Approach, Span 4-6									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Type 3S2_str	BOBJ1	72	After	Interior Girder 6	72	0.95	1	1	7.656733
Type 3S2_str	BOBJ1	72	After	Right Exterior Girder	72	0.95	1	1	5.918075
Type 3S2_str	BOBJ1	72.5	Before	Left Exterior Girder	72.5	0.95	1	1	5.904188
Type 3S2_str	BOBJ1	72.5	Before	Right Exterior Girder	72.5	0.95	1	1	5.91174
Type 3S2_str	BOBJ1	72.5	After	Left Exterior Girder	72.5	0.95	1	1	8.280111
Type 3S2_str	BOBJ1	72.5	After	Right Exterior Girder	72.5	0.95	1	1	8.289841
Type 3S2_str	BOBJ1	80	Before	Left Exterior Girder	80	0.95	1	1	8.136958
Type 3S2_str	BOBJ1	80	Before	Interior Girder 1	80	0.95	1	1	5.654635
Type 3S2_str	BOBJ1	80	Before	Interior Girder 2	80	0.95	1	1	5.353987
Type 3S2_str	BOBJ1	80	Before	Interior Girder 3	80	0.95	1	1	4.591566
Type 3S2_str	BOBJ1	80	Before	Interior Girder 4	80	0.95	1	1	4.618352
Type 3S2_str	BOBJ1	80	Before	Interior Girder 5	80	0.95	1	1	5.335099
Type 3S2_str	BOBJ1	80	Before	Interior Girder 6	80	0.95	1	1	5.678231
Type 3S2_str	BOBJ1	80	Before	Right Exterior Girder	80	0.95	1	1	8.14652
Type 3S2_str	BOBJ1	80	After	Left Exterior Girder	0	0.95	1	1	9.518814
Type 3S2_str	BOBJ1	80	After	Interior Girder 1	0	0.95	1	1	6.245308
Type 3S2_str	BOBJ1	80	After	Interior Girder 2	0	0.95	1	1	5.957875
Type 3S2_str	BOBJ1	80	After	Interior Girder 3	0	0.95	1	1	5.116591
Type 3S2_str	BOBJ1	80	After	Interior Girder 4	0	0.95	1	1	5.148007
Type 3S2_str	BOBJ1	80	After	Interior Girder 5	0	0.95	1	1	5.936001
Type 3S2_str	BOBJ1	80	After	Interior Girder 6	0	0.95	1	1	6.27267
Type 3S2_str	BOBJ1	80	After	Right Exterior Girder	0	0.95	1	1	9.529912
Type 3S2_str	BOBJ1	87.5	Before	Left Exterior Girder	7.5	0.95	1	1	9.678628
Type 3S2_str	BOBJ1	87.5	Before	Right Exterior Girder	7.5	0.95	1	1	9.689912
Type 3S2_str	BOBJ1	87.5	After	Left Exterior Girder	7.5	0.95	1	1	7.604199
Type 3S2_str	BOBJ1	87.5	After	Right Exterior Girder	7.5	0.95	1	1	7.613661
Type 3S2_str	BOBJ1	88	Before	Left Exterior Girder	8	0.95	1	1	7.611675
Type 3S2_str	BOBJ1	88	Before	Interior Girder 1	8	0.95	1	1	7.569077
Type 3S2_str	BOBJ1	88	Before	Interior Girder 2	8	0.95	1	1	6.116745
Type 3S2_str	BOBJ1	88	Before	Interior Girder 3	8	0.95	1	1	5.257941
Type 3S2_str	BOBJ1	88	Before	Interior Girder 4	8	0.95	1	1	5.290225
Type 3S2_str	BOBJ1	88	Before	Interior Girder 5	8	0.95	1	1	6.094288
Type 3S2_str	BOBJ1	88	Before	Interior Girder 6	8	0.95	1	1	7.600178
Type 3S2_str	BOBJ1	88	Before	Right Exterior Girder	8	0.95	1	1	7.621146
Type 3S2_str	BOBJ1	88	After	Left Exterior Girder	8	0.95	1	1	8.102781
Type 3S2_str	BOBJ1	88	After	Interior Girder 1	8	0.95	1	1	6.970572
Type 3S2_str	BOBJ1	88	After	Interior Girder 2	8	0.95	1	1	6.763659
Type 3S2_str	BOBJ1	88	After	Interior Girder 3	8	0.95	1	1	5.957002
Type 3S2_str	BOBJ1	88	After	Interior Girder 4	8	0.95	1	1	5.989783
Type 3S2_str	BOBJ1	88	After	Interior Girder 5	8	0.95	1	1	6.757221
Type 3S2_str	BOBJ1	88	After	Interior Girder 6	8	0.95	1	1	6.975703
Type 3S2_str	BOBJ1	88	After	Right Exterior Girder	8	0.95	1	1	8.113212
Type 3S2_str	BOBJ1	91	Before	Interior Girder 1	11	0.95	1	1	7.039217
Type 3S2_str	BOBJ1	91	Before	Interior Girder 2	11	0.95	1	1	6.829317
Type 3S2_str	BOBJ1	91	Before	Interior Girder 3	11	0.95	1	1	6.016536
Type 3S2_str	BOBJ1	91	Before	Interior Girder 4	11	0.95	1	1	6.049644
Type 3S2_str	BOBJ1	91	Before	Interior Girder 5	11	0.95	1	1	6.822817
Type 3S2_str	BOBJ1	91	Before	Interior Girder 6	11	0.95	1	1	7.044399
Type 3S2_str	BOBJ1	91	After	Interior Girder 1	11	0.95	1	1	8.602831
Type 3S2_str	BOBJ1	91	After	Interior Girder 2	11	0.95	1	1	8.049024
Type 3S2_str	BOBJ1	91	After	Interior Girder 3	11	0.95	1	1	7.315811
Type 3S2_str	BOBJ1	91	After	Interior Girder 4	11	0.95	1	1	7.326319
Type 3S2_str	BOBJ1	91	After	Interior Girder 5	11	0.95	1	1	8.046624
Type 3S2_str	BOBJ1	91	After	Interior Girder 6	11	0.95	1	1	8.598358
Type 3S2_str	BOBJ1	96	Before	Left Exterior Girder	16	0.95	1	1	11.411494
Type 3S2_str	BOBJ1	96	Before	Interior Girder 1	16	0.95	1	1	8.726796
Type 3S2_str	BOBJ1	96	Before	Interior Girder 2	16	0.95	1	1	8.163503
Type 3S2_str	BOBJ1	96	Before	Interior Girder 3	16	0.95	1	1	7.422586
Type 3S2_str	BOBJ1	96	Before	Interior Girder 4	16	0.95	1	1	7.433246
Type 3S2_str	BOBJ1	96	Before	Interior Girder 5	16	0.95	1	1	8.161069
Type 3S2_str	BOBJ1	96	Before	Interior Girder 6	16	0.95	1	1	8.722259
Type 3S2_str	BOBJ1	96	Before	Right Exterior Girder	16	0.95	1	1	11.429335
Type 3S2_str	BOBJ1	96	After	Left Exterior Girder	16	0.95	1	1	11.725388
Type 3S2_str	BOBJ1	96	After	Interior Girder 1	16	0.95	1	1	9.421611
Type 3S2_str	BOBJ1	96	After	Interior Girder 2	16	0.95	1	1	9.037451

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Approach, Span 4-6									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Type 3S2_str	BOBJ1	96	After	Interior Girder 3	16	0.95	1	1	8.513771
Type 3S2_str	BOBJ1	96	After	Interior Girder 4	16	0.95	1	1	8.58031
Type 3S2_str	BOBJ1	96	After	Interior Girder 5	16	0.95	1	1	9.013395
Type 3S2_str	BOBJ1	96	After	Interior Girder 6	16	0.95	1	1	9.458609
Type 3S2_str	BOBJ1	96	After	Right Exterior Girder	16	0.95	1	1	11.740233
Type 3S2_str	BOBJ1	104	Before	Left Exterior Girder	24	0.95	1	1	11.921505
Type 3S2_str	BOBJ1	104	Before	Interior Girder 1	24	0.95	1	1	9.634823
Type 3S2_str	BOBJ1	104	Before	Interior Girder 2	24	0.95	1	1	9.241229
Type 3S2_str	BOBJ1	104	Before	Interior Girder 3	24	0.95	1	1	8.705715
Type 3S2_str	BOBJ1	104	Before	Interior Girder 4	24	0.95	1	1	8.773755
Type 3S2_str	BOBJ1	104	Before	Interior Girder 5	24	0.95	1	1	9.216631
Type 3S2_str	BOBJ1	104	Before	Interior Girder 6	24	0.95	1	1	9.672658
Type 3S2_str	BOBJ1	104	Before	Right Exterior Girder	24	0.95	1	1	11.936598
Type 3S2_str	BOBJ1	104	After	Left Exterior Girder	24	0.95	1	1	14.284176
Type 3S2_str	BOBJ1	104	After	Interior Girder 1	24	0.95	1	1	13.951053
Type 3S2_str	BOBJ1	104	After	Interior Girder 2	24	0.95	1	1	12.938848
Type 3S2_str	BOBJ1	104	After	Interior Girder 3	24	0.95	1	1	12.78981
Type 3S2_str	BOBJ1	104	After	Interior Girder 4	24	0.95	1	1	12.859791
Type 3S2_str	BOBJ1	104	After	Interior Girder 5	24	0.95	1	1	12.94365
Type 3S2_str	BOBJ1	104	After	Interior Girder 6	24	0.95	1	1	13.915656
Type 3S2_str	BOBJ1	104	After	Right Exterior Girder	24	0.95	1	1	14.309079
Type 3S2_str	BOBJ1	112	Before	Left Exterior Girder	32	0.95	1	1	14.511801
Type 3S2_str	BOBJ1	112	Before	Interior Girder 1	32	0.95	1	1	14.25795
Type 3S2_str	BOBJ1	112	Before	Interior Girder 2	32	0.95	1	1	13.221848
Type 3S2_str	BOBJ1	112	Before	Interior Girder 3	32	0.95	1	1	13.069343
Type 3S2_str	BOBJ1	112	Before	Interior Girder 4	32	0.95	1	1	13.140853
Type 3S2_str	BOBJ1	112	Before	Interior Girder 5	32	0.95	1	1	13.226755
Type 3S2_str	BOBJ1	112	Before	Interior Girder 6	32	0.95	1	1	14.221774
Type 3S2_str	BOBJ1	112	Before	Right Exterior Girder	32	0.95	1	1	14.5371
Type 3S2_str	BOBJ1	112	After	Left Exterior Girder	32	0.95	1	1	27.303043
Type 3S2_str	BOBJ1	112	After	Interior Girder 1	32	0.95	1	1	15.44818
Type 3S2_str	BOBJ1	112	After	Interior Girder 2	32	0.95	1	1	14.110952
Type 3S2_str	BOBJ1	112	After	Interior Girder 3	32	0.95	1	1	12.196875
Type 3S2_str	BOBJ1	112	After	Interior Girder 4	32	0.95	1	1	12.359135
Type 3S2_str	BOBJ1	112	After	Interior Girder 5	32	0.95	1	1	14.03186
Type 3S2_str	BOBJ1	112	After	Interior Girder 6	32	0.95	1	1	15.48254
Type 3S2_str	BOBJ1	112	After	Right Exterior Girder	32	0.95	1	1	27.317389
Type 3S2_str	BOBJ1	120	Before	Left Exterior Girder	40	0.95	1	1	27.721196
Type 3S2_str	BOBJ1	120	Before	Interior Girder 1	40	0.95	1	1	15.775476
Type 3S2_str	BOBJ1	120	Before	Interior Girder 2	40	0.95	1	1	14.410224
Type 3S2_str	BOBJ1	120	Before	Interior Girder 3	40	0.95	1	1	12.455412
Type 3S2_str	BOBJ1	120	Before	Interior Girder 4	40	0.95	1	1	12.62111
Type 3S2_str	BOBJ1	120	Before	Interior Girder 5	40	0.95	1	1	14.329455
Type 3S2_str	BOBJ1	120	Before	Interior Girder 6	40	0.95	1	1	15.810563
Type 3S2_str	BOBJ1	120	Before	Right Exterior Girder	40	0.95	1	1	27.735762
Type 3S2_str	BOBJ1	120	After	Left Exterior Girder	40	0.95	1	1	28.279948
Type 3S2_str	BOBJ1	120	After	Interior Girder 1	40	0.95	1	1	15.913667
Type 3S2_str	BOBJ1	120	After	Interior Girder 2	40	0.95	1	1	14.536583
Type 3S2_str	BOBJ1	120	After	Interior Girder 3	40	0.95	1	1	12.538103
Type 3S2_str	BOBJ1	120	After	Interior Girder 4	40	0.95	1	1	12.706452
Type 3S2_str	BOBJ1	120	After	Interior Girder 5	40	0.95	1	1	14.454545
Type 3S2_str	BOBJ1	120	After	Interior Girder 6	40	0.95	1	1	15.950685
Type 3S2_str	BOBJ1	120	After	Right Exterior Girder	40	0.95	1	1	28.294947
Type 3S2_str	BOBJ1	128	Before	Left Exterior Girder	48	0.95	1	1	27.85431
Type 3S2_str	BOBJ1	128	Before	Interior Girder 1	48	0.95	1	1	15.583778
Type 3S2_str	BOBJ1	128	Before	Interior Girder 2	48	0.95	1	1	14.234916
Type 3S2_str	BOBJ1	128	Before	Interior Girder 3	48	0.95	1	1	12.277992
Type 3S2_str	BOBJ1	128	Before	Interior Girder 4	48	0.95	1	1	12.442849
Type 3S2_str	BOBJ1	128	Before	Interior Girder 5	48	0.95	1	1	14.15458
Type 3S2_str	BOBJ1	128	Before	Interior Girder 6	48	0.95	1	1	15.620028
Type 3S2_str	BOBJ1	128	Before	Right Exterior Girder	48	0.95	1	1	27.869083
Type 3S2_str	BOBJ1	128	After	Left Exterior Girder	48	0.95	1	1	14.976431
Type 3S2_str	BOBJ1	128	After	Interior Girder 1	48	0.95	1	1	14.455552
Type 3S2_str	BOBJ1	128	After	Interior Girder 2	48	0.95	1	1	13.397248
Type 3S2_str	BOBJ1	128	After	Interior Girder 3	48	0.95	1	1	13.24081

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Approach, Span 4-6									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Type 3S2_str	BOBJ1	128	After	Interior Girder 4	48	0.95	1	1	13.314889
Type 3S2_str	BOBJ1	128	After	Interior Girder 5	48	0.95	1	1	13.402109
Type 3S2_str	BOBJ1	128	After	Interior Girder 6	48	0.95	1	1	14.415966
Type 3S2_str	BOBJ1	128	After	Right Exterior Girder	48	0.95	1	1	15.002948
Type 3S2_str	BOBJ1	136	Before	Left Exterior Girder	56	0.95	1	1	14.742143
Type 3S2_str	BOBJ1	136	Before	Interior Girder 1	56	0.95	1	1	14.144587
Type 3S2_str	BOBJ1	136	Before	Interior Girder 2	56	0.95	1	1	13.110605
Type 3S2_str	BOBJ1	136	Before	Interior Girder 3	56	0.95	1	1	12.957854
Type 3S2_str	BOBJ1	136	Before	Interior Girder 4	56	0.95	1	1	13.03035
Type 3S2_str	BOBJ1	136	Before	Interior Girder 5	56	0.95	1	1	13.115362
Type 3S2_str	BOBJ1	136	Before	Interior Girder 6	56	0.95	1	1	14.105853
Type 3S2_str	BOBJ1	136	Before	Right Exterior Girder	56	0.95	1	1	14.768245
Type 3S2_str	BOBJ1	136	After	Left Exterior Girder	56	0.95	1	1	12.28385
Type 3S2_str	BOBJ1	136	After	Interior Girder 1	56	0.95	1	1	9.740104
Type 3S2_str	BOBJ1	136	After	Interior Girder 2	56	0.95	1	1	9.33809
Type 3S2_str	BOBJ1	136	After	Interior Girder 3	56	0.95	1	1	8.792308
Type 3S2_str	BOBJ1	136	After	Interior Girder 4	56	0.95	1	1	8.869471
Type 3S2_str	BOBJ1	136	After	Interior Girder 5	56	0.95	1	1	9.313239
Type 3S2_str	BOBJ1	136	After	Interior Girder 6	56	0.95	1	1	9.778547
Type 3S2_str	BOBJ1	136	After	Right Exterior Girder	56	0.95	1	1	12.299401
Type 3S2_str	BOBJ1	144	Before	Left Exterior Girder	64	0.95	1	1	12.082366
Type 3S2_str	BOBJ1	144	Before	Interior Girder 1	64	0.95	1	1	9.524672
Type 3S2_str	BOBJ1	144	Before	Interior Girder 2	64	0.95	1	1	9.132233
Type 3S2_str	BOBJ1	144	Before	Interior Girder 3	64	0.95	1	1	8.598644
Type 3S2_str	BOBJ1	144	Before	Interior Girder 4	64	0.95	1	1	8.674107
Type 3S2_str	BOBJ1	144	Before	Interior Girder 5	64	0.95	1	1	9.107929
Type 3S2_str	BOBJ1	144	Before	Interior Girder 6	64	0.95	1	1	9.562264
Type 3S2_str	BOBJ1	144	Before	Right Exterior Girder	64	0.95	1	1	12.097661
Type 3S2_str	BOBJ1	144	After	Left Exterior Girder	64	0.95	1	1	10.8488
Type 3S2_str	BOBJ1	144	After	Interior Girder 1	64	0.95	1	1	8.815619
Type 3S2_str	BOBJ1	144	After	Interior Girder 2	64	0.95	1	1	8.241711
Type 3S2_str	BOBJ1	144	After	Interior Girder 3	64	0.95	1	1	7.546618
Type 3S2_str	BOBJ1	144	After	Interior Girder 4	64	0.95	1	1	7.55767
Type 3S2_str	BOBJ1	144	After	Interior Girder 5	64	0.95	1	1	8.238637
Type 3S2_str	BOBJ1	144	After	Interior Girder 6	64	0.95	1	1	8.812302
Type 3S2_str	BOBJ1	144	After	Right Exterior Girder	64	0.95	1	1	10.862957
Type 3S2_str	BOBJ1	150	Before	Interior Girder 1	70	0.95	1	1	8.665266
Type 3S2_str	BOBJ1	150	Before	Interior Girder 2	70	0.95	1	1	8.102843
Type 3S2_str	BOBJ1	150	Before	Interior Girder 3	70	0.95	1	1	7.416531
Type 3S2_str	BOBJ1	150	Before	Interior Girder 4	70	0.95	1	1	7.427392
Type 3S2_str	BOBJ1	150	Before	Interior Girder 5	70	0.95	1	1	8.099822
Type 3S2_str	BOBJ1	150	Before	Interior Girder 6	70	0.95	1	1	8.662006
Type 3S2_str	BOBJ1	150	After	Interior Girder 1	70	0.95	1	1	6.56437
Type 3S2_str	BOBJ1	150	After	Interior Girder 2	70	0.95	1	1	6.603393
Type 3S2_str	BOBJ1	150	After	Interior Girder 3	70	0.95	1	1	5.766173
Type 3S2_str	BOBJ1	150	After	Interior Girder 4	70	0.95	1	1	5.803454
Type 3S2_str	BOBJ1	150	After	Interior Girder 5	70	0.95	1	1	6.598488
Type 3S2_str	BOBJ1	150	After	Interior Girder 6	70	0.95	1	1	6.56905
Type 3S2_str	BOBJ1	152	Before	Left Exterior Girder	72	0.95	1	1	10.345345
Type 3S2_str	BOBJ1	152	Before	Interior Girder 1	72	0.95	1	1	6.521771
Type 3S2_str	BOBJ1	152	Before	Interior Girder 2	72	0.95	1	1	6.561435
Type 3S2_str	BOBJ1	152	Before	Interior Girder 3	72	0.95	1	1	5.728523
Type 3S2_str	BOBJ1	152	Before	Interior Girder 4	72	0.95	1	1	5.765561
Type 3S2_str	BOBJ1	152	Before	Interior Girder 5	72	0.95	1	1	6.556562
Type 3S2_str	BOBJ1	152	Before	Interior Girder 6	72	0.95	1	1	6.526421
Type 3S2_str	BOBJ1	152	Before	Right Exterior Girder	72	0.95	1	1	10.358893
Type 3S2_str	BOBJ1	152	After	Left Exterior Girder	72	0.95	1	1	9.13138
Type 3S2_str	BOBJ1	152	After	Interior Girder 1	72	0.95	1	1	5.954839
Type 3S2_str	BOBJ1	152	After	Interior Girder 2	72	0.95	1	1	6.146085
Type 3S2_str	BOBJ1	152	After	Interior Girder 3	72	0.95	1	1	5.302276
Type 3S2_str	BOBJ1	152	After	Interior Girder 4	72	0.95	1	1	5.335587
Type 3S2_str	BOBJ1	152	After	Interior Girder 5	72	0.95	1	1	6.124024
Type 3S2_str	BOBJ1	152	After	Interior Girder 6	72	0.95	1	1	5.979297
Type 3S2_str	BOBJ1	152	After	Right Exterior Girder	72	0.95	1	1	9.142562
Type 3S2_str	BOBJ1	154	Before	Left Exterior Girder	74	0.95	1	1	9.094737

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Approach, Span 4-6									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Type 3S2_str	BOBJ1	154	Before	Right Exterior Girder	74	0.95	1	1	9.105875
Type 3S2_str	BOBJ1	154	After	Left Exterior Girder	74	0.95	1	1	9.073711
Type 3S2_str	BOBJ1	154	After	Right Exterior Girder	74	0.95	1	1	9.084184
Type 3S2_str	BOBJ1	160	Before	Left Exterior Girder	80	0.95	1	1	8.950025
Type 3S2_str	BOBJ1	160	Before	Interior Girder 1	80	0.95	1	1	6.284096
Type 3S2_str	BOBJ1	160	Before	Interior Girder 2	80	0.95	1	1	5.988344
Type 3S2_str	BOBJ1	160	Before	Interior Girder 3	80	0.95	1	1	5.161855
Type 3S2_str	BOBJ1	160	Before	Interior Girder 4	80	0.95	1	1	5.194283
Type 3S2_str	BOBJ1	160	Before	Interior Girder 5	80	0.95	1	1	5.966849
Type 3S2_str	BOBJ1	160	Before	Interior Girder 6	80	0.95	1	1	6.311799
Type 3S2_str	BOBJ1	160	Before	Right Exterior Girder	80	0.95	1	1	8.960355
Type 3S2_str	BOBJ1	160	After	Left Exterior Girder	0	0.95	1	1	7.63216
Type 3S2_str	BOBJ1	160	After	Interior Girder 1	0	0.95	1	1	5.642359
Type 3S2_str	BOBJ1	160	After	Interior Girder 2	0	0.95	1	1	5.35642
Type 3S2_str	BOBJ1	160	After	Interior Girder 3	0	0.95	1	1	4.623267
Type 3S2_str	BOBJ1	160	After	Interior Girder 4	0	0.95	1	1	4.650793
Type 3S2_str	BOBJ1	160	After	Interior Girder 5	0	0.95	1	1	5.33781
Type 3S2_str	BOBJ1	160	After	Interior Girder 6	0	0.95	1	1	5.665759
Type 3S2_str	BOBJ1	160	After	Right Exterior Girder	0	0.95	1	1	7.640731
Type 3S2_str	BOBJ1	166	Before	Left Exterior Girder	6	0.95	1	1	7.742648
Type 3S2_str	BOBJ1	166	Before	Right Exterior Girder	6	0.95	1	1	7.751343
Type 3S2_str	BOBJ1	166	After	Left Exterior Girder	6	0.95	1	1	7.487619
Type 3S2_str	BOBJ1	166	After	Right Exterior Girder	6	0.95	1	1	7.496503
Type 3S2_str	BOBJ1	168	Before	Left Exterior Girder	8	0.95	1	1	7.51944
Type 3S2_str	BOBJ1	168	Before	Interior Girder 1	8	0.95	1	1	5.491945
Type 3S2_str	BOBJ1	168	Before	Interior Girder 2	8	0.95	1	1	5.503785
Type 3S2_str	BOBJ1	168	Before	Interior Girder 3	8	0.95	1	1	4.755118
Type 3S2_str	BOBJ1	168	Before	Interior Girder 4	8	0.95	1	1	4.783428
Type 3S2_str	BOBJ1	168	Before	Interior Girder 5	8	0.95	1	1	5.484663
Type 3S2_str	BOBJ1	168	Before	Interior Girder 6	8	0.95	1	1	5.513459
Type 3S2_str	BOBJ1	168	Before	Right Exterior Girder	8	0.95	1	1	7.528362
Type 3S2_str	BOBJ1	168	After	Left Exterior Girder	8	0.95	1	1	8.537853
Type 3S2_str	BOBJ1	168	After	Interior Girder 1	8	0.95	1	1	5.800578
Type 3S2_str	BOBJ1	168	After	Interior Girder 2	8	0.95	1	1	5.838317
Type 3S2_str	BOBJ1	168	After	Interior Girder 3	8	0.95	1	1	5.107295
Type 3S2_str	BOBJ1	168	After	Interior Girder 4	8	0.95	1	1	5.13923
Type 3S2_str	BOBJ1	168	After	Interior Girder 5	8	0.95	1	1	5.830734
Type 3S2_str	BOBJ1	168	After	Interior Girder 6	8	0.95	1	1	5.804798
Type 3S2_str	BOBJ1	168	After	Right Exterior Girder	8	0.95	1	1	8.548218
Type 3S2_str	BOBJ1	170	Before	Interior Girder 1	10	0.95	1	1	5.840309
Type 3S2_str	BOBJ1	170	Before	Interior Girder 2	10	0.95	1	1	5.877258
Type 3S2_str	BOBJ1	170	Before	Interior Girder 3	10	0.95	1	1	5.142425
Type 3S2_str	BOBJ1	170	Before	Interior Girder 4	10	0.95	1	1	5.17458
Type 3S2_str	BOBJ1	170	Before	Interior Girder 5	10	0.95	1	1	5.869625
Type 3S2_str	BOBJ1	170	Before	Interior Girder 6	10	0.95	1	1	5.844558
Type 3S2_str	BOBJ1	170	After	Interior Girder 1	10	0.95	1	1	7.518693
Type 3S2_str	BOBJ1	170	After	Interior Girder 2	10	0.95	1	1	7.018038
Type 3S2_str	BOBJ1	170	After	Interior Girder 3	10	0.95	1	1	6.461827
Type 3S2_str	BOBJ1	170	After	Interior Girder 4	10	0.95	1	1	6.472765
Type 3S2_str	BOBJ1	170	After	Interior Girder 5	10	0.95	1	1	7.010622
Type 3S2_str	BOBJ1	170	After	Interior Girder 6	10	0.95	1	1	7.518909
Type 3S2_str	BOBJ1	176	Before	Left Exterior Girder	16	0.95	1	1	8.801316
Type 3S2_str	BOBJ1	176	Before	Interior Girder 1	16	0.95	1	1	7.654874
Type 3S2_str	BOBJ1	176	Before	Interior Girder 2	16	0.95	1	1	7.143439
Type 3S2_str	BOBJ1	176	Before	Interior Girder 3	16	0.95	1	1	6.580361
Type 3S2_str	BOBJ1	176	Before	Interior Girder 4	16	0.95	1	1	6.591498
Type 3S2_str	BOBJ1	176	Before	Interior Girder 5	16	0.95	1	1	7.135891
Type 3S2_str	BOBJ1	176	Before	Interior Girder 6	16	0.95	1	1	7.655095
Type 3S2_str	BOBJ1	176	Before	Right Exterior Girder	16	0.95	1	1	8.814155
Type 3S2_str	BOBJ1	176	After	Left Exterior Girder	16	0.95	1	1	12.840679
Type 3S2_str	BOBJ1	176	After	Interior Girder 1	16	0.95	1	1	7.010353
Type 3S2_str	BOBJ1	176	After	Interior Girder 2	16	0.95	1	1	6.931266
Type 3S2_str	BOBJ1	176	After	Interior Girder 3	16	0.95	1	1	6.474158
Type 3S2_str	BOBJ1	176	After	Interior Girder 4	16	0.95	1	1	6.54386
Type 3S2_str	BOBJ1	176	After	Interior Girder 5	16	0.95	1	1	6.908804

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Approach, Span 4-6									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Type 3S2_str	BOBJ1	176	After	Interior Girder 6	16	0.95	1	1	7.042025
Type 3S2_str	BOBJ1	176	After	Right Exterior Girder	16	0.95	1	1	12.85581
Type 3S2_str	BOBJ1	181	Before	Interior Girder 1	21	0.95	1	1	7.114342
Type 3S2_str	BOBJ1	181	Before	Interior Girder 2	21	0.95	1	1	7.033134
Type 3S2_str	BOBJ1	181	Before	Interior Girder 3	21	0.95	1	1	6.569312
Type 3S2_str	BOBJ1	181	Before	Interior Girder 4	21	0.95	1	1	6.640038
Type 3S2_str	BOBJ1	181	Before	Interior Girder 5	21	0.95	1	1	7.010342
Type 3S2_str	BOBJ1	181	Before	Interior Girder 6	21	0.95	1	1	7.146484
Type 3S2_str	BOBJ1	181	After	Interior Girder 1	21	0.95	1	1	9.892032
Type 3S2_str	BOBJ1	181	After	Interior Girder 2	21	0.95	1	1	9.722731
Type 3S2_str	BOBJ1	181	After	Interior Girder 3	21	0.95	1	1	9.219527
Type 3S2_str	BOBJ1	181	After	Interior Girder 4	21	0.95	1	1	9.297532
Type 3S2_str	BOBJ1	181	After	Interior Girder 5	21	0.95	1	1	9.713826
Type 3S2_str	BOBJ1	181	After	Interior Girder 6	21	0.95	1	1	9.909255
Type 3S2_str	BOBJ1	184	Before	Left Exterior Girder	24	0.95	1	1	12.781343
Type 3S2_str	BOBJ1	184	Before	Interior Girder 1	24	0.95	1	1	9.969105
Type 3S2_str	BOBJ1	184	Before	Interior Girder 2	24	0.95	1	1	9.797623
Type 3S2_str	BOBJ1	184	Before	Interior Girder 3	24	0.95	1	1	9.290482
Type 3S2_str	BOBJ1	184	Before	Interior Girder 4	24	0.95	1	1	9.369088
Type 3S2_str	BOBJ1	184	Before	Interior Girder 5	24	0.95	1	1	9.78865
Type 3S2_str	BOBJ1	184	Before	Interior Girder 6	24	0.95	1	1	9.986462
Type 3S2_str	BOBJ1	184	Before	Right Exterior Girder	24	0.95	1	1	12.789294
Type 3S2_str	BOBJ1	184	After	Left Exterior Girder	24	0.95	1	1	14.913715
Type 3S2_str	BOBJ1	184	After	Interior Girder 1	24	0.95	1	1	13.670042
Type 3S2_str	BOBJ1	184	After	Interior Girder 2	24	0.95	1	1	13.061976
Type 3S2_str	BOBJ1	184	After	Interior Girder 3	24	0.95	1	1	13.004249
Type 3S2_str	BOBJ1	184	After	Interior Girder 4	24	0.95	1	1	13.076536
Type 3S2_str	BOBJ1	184	After	Interior Girder 5	24	0.95	1	1	13.067746
Type 3S2_str	BOBJ1	184	After	Interior Girder 6	24	0.95	1	1	13.625614
Type 3S2_str	BOBJ1	184	After	Right Exterior Girder	24	0.95	1	1	14.938626
Type 3S2_str	BOBJ1	192	Before	Left Exterior Girder	32	0.95	1	1	15.136185
Type 3S2_str	BOBJ1	192	Before	Interior Girder 1	32	0.95	1	1	13.949816
Type 3S2_str	BOBJ1	192	Before	Interior Girder 2	32	0.95	1	1	13.326982
Type 3S2_str	BOBJ1	192	Before	Interior Girder 3	32	0.95	1	1	13.267789
Type 3S2_str	BOBJ1	192	Before	Interior Girder 4	32	0.95	1	1	13.341541
Type 3S2_str	BOBJ1	192	Before	Interior Girder 5	32	0.95	1	1	13.332869
Type 3S2_str	BOBJ1	192	Before	Interior Girder 6	32	0.95	1	1	13.904478
Type 3S2_str	BOBJ1	192	Before	Right Exterior Girder	32	0.95	1	1	15.161468
Type 3S2_str	BOBJ1	192	After	Left Exterior Girder	32	0.95	1	1	26.525311
Type 3S2_str	BOBJ1	192	After	Interior Girder 1	32	0.95	1	1	15.545142
Type 3S2_str	BOBJ1	192	After	Interior Girder 2	32	0.95	1	1	14.556987
Type 3S2_str	BOBJ1	192	After	Interior Girder 3	32	0.95	1	1	12.892428
Type 3S2_str	BOBJ1	192	After	Interior Girder 4	32	0.95	1	1	13.050491
Type 3S2_str	BOBJ1	192	After	Interior Girder 5	32	0.95	1	1	14.510007
Type 3S2_str	BOBJ1	192	After	Interior Girder 6	32	0.95	1	1	15.62219
Type 3S2_str	BOBJ1	192	After	Right Exterior Girder	32	0.95	1	1	26.525311
Type 3S2_str	BOBJ1	200	Before	Left Exterior Girder	40	0.95	1	1	26.908734
Type 3S2_str	BOBJ1	200	Before	Interior Girder 1	40	0.95	1	1	15.85225
Type 3S2_str	BOBJ1	200	Before	Interior Girder 2	40	0.95	1	1	14.844369
Type 3S2_str	BOBJ1	200	Before	Interior Girder 3	40	0.95	1	1	13.146226
Type 3S2_str	BOBJ1	200	Before	Interior Girder 4	40	0.95	1	1	13.307401
Type 3S2_str	BOBJ1	200	Before	Interior Girder 5	40	0.95	1	1	14.796462
Type 3S2_str	BOBJ1	200	Before	Interior Girder 6	40	0.95	1	1	15.93082
Type 3S2_str	BOBJ1	200	Before	Right Exterior Girder	40	0.95	1	1	26.908734
Type 3S2_str	BOBJ1	200	After	Left Exterior Girder	40	0.95	1	1	34.416265
Type 3S2_str	BOBJ1	200	After	Interior Girder 1	40	0.95	1	1	21.868029
Type 3S2_str	BOBJ1	200	After	Interior Girder 2	40	0.95	1	1	19.502946
Type 3S2_str	BOBJ1	200	After	Interior Girder 3	40	0.95	1	1	16.380776
Type 3S2_str	BOBJ1	200	After	Interior Girder 4	40	0.95	1	1	16.637139
Type 3S2_str	BOBJ1	200	After	Interior Girder 5	40	0.95	1	1	19.385851
Type 3S2_str	BOBJ1	200	After	Interior Girder 6	40	0.95	1	1	21.993912
Type 3S2_str	BOBJ1	200	After	Right Exterior Girder	40	0.95	1	1	34.528096
Type 3S2_str	BOBJ1	208	Before	Left Exterior Girder	48	0.95	1	1	34.895605
Type 3S2_str	BOBJ1	208	Before	Interior Girder 1	48	0.95	1	1	21.467766
Type 3S2_str	BOBJ1	208	Before	Interior Girder 2	48	0.95	1	1	19.145097

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Approach, Span 4-6									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Type 3S2_str	BOBJ1	208	Before	Interior Girder 3	48	0.95	1	1	16.079605
Type 3S2_str	BOBJ1	208	Before	Interior Girder 4	48	0.95	1	1	16.331255
Type 3S2_str	BOBJ1	208	Before	Interior Girder 5	48	0.95	1	1	19.030151
Type 3S2_str	BOBJ1	208	Before	Interior Girder 6	48	0.95	1	1	21.591344
Type 3S2_str	BOBJ1	208	Before	Right Exterior Girder	48	0.95	1	1	35.008992
Type 3S2_str	BOBJ1	208	After	Left Exterior Girder	48	0.95	1	1	24.667269
Type 3S2_str	BOBJ1	208	After	Interior Girder 1	48	0.95	1	1	21.252419
Type 3S2_str	BOBJ1	208	After	Interior Girder 2	48	0.95	1	1	19.451467
Type 3S2_str	BOBJ1	208	After	Interior Girder 3	48	0.95	1	1	17.136013
Type 3S2_str	BOBJ1	208	After	Interior Girder 4	48	0.95	1	1	17.420237
Type 3S2_str	BOBJ1	208	After	Interior Girder 5	48	0.95	1	1	19.469619
Type 3S2_str	BOBJ1	208	After	Interior Girder 6	48	0.95	1	1	21.197091
Type 3S2_str	BOBJ1	208	After	Right Exterior Girder	48	0.95	1	1	24.722414
Type 3S2_str	BOBJ1	216	Before	Left Exterior Girder	56	0.95	1	1	24.328138
Type 3S2_str	BOBJ1	216	Before	Interior Girder 1	56	0.95	1	1	20.850279
Type 3S2_str	BOBJ1	216	Before	Interior Girder 2	56	0.95	1	1	19.084482
Type 3S2_str	BOBJ1	216	Before	Interior Girder 3	56	0.95	1	1	17.456194
Type 3S2_str	BOBJ1	216	Before	Interior Girder 4	56	0.95	1	1	17.745728
Type 3S2_str	BOBJ1	216	Before	Interior Girder 5	56	0.95	1	1	19.102292
Type 3S2_str	BOBJ1	216	Before	Interior Girder 6	56	0.95	1	1	20.795998
Type 3S2_str	BOBJ1	216	Before	Right Exterior Girder	56	0.95	1	1	24.382525
Type 3S2_str	BOBJ1	216	After	Left Exterior Girder	56	0.95	1	1	20.281138
Type 3S2_str	BOBJ1	216	After	Interior Girder 1	56	0.95	1	1	14.035731
Type 3S2_str	BOBJ1	216	After	Interior Girder 2	56	0.95	1	1	13.337795
Type 3S2_str	BOBJ1	216	After	Interior Girder 3	56	0.95	1	1	12.203925
Type 3S2_str	BOBJ1	216	After	Interior Girder 4	56	0.95	1	1	12.347537
Type 3S2_str	BOBJ1	216	After	Interior Girder 5	56	0.95	1	1	13.30292
Type 3S2_str	BOBJ1	216	After	Interior Girder 6	56	0.95	1	1	14.09466
Type 3S2_str	BOBJ1	216	After	Right Exterior Girder	56	0.95	1	1	20.295176
Type 3S2_str	BOBJ1	224	Before	Left Exterior Girder	64	0.95	1	1	19.991856
Type 3S2_str	BOBJ1	224	Before	Interior Girder 1	64	0.95	1	1	13.763637
Type 3S2_str	BOBJ1	224	Before	Interior Girder 2	64	0.95	1	1	13.079503
Type 3S2_str	BOBJ1	224	Before	Interior Girder 3	64	0.95	1	1	11.967684
Type 3S2_str	BOBJ1	224	Before	Interior Girder 4	64	0.95	1	1	12.108515
Type 3S2_str	BOBJ1	224	Before	Interior Girder 5	64	0.95	1	1	13.045303
Type 3S2_str	BOBJ1	224	Before	Interior Girder 6	64	0.95	1	1	13.821424
Type 3S2_str	BOBJ1	224	Before	Right Exterior Girder	64	0.95	1	1	20.005694
Type 3S2_str	BOBJ1	224	After	Left Exterior Girder	64	0.95	1	1	13.237396
Type 3S2_str	BOBJ1	224	After	Interior Girder 1	64	0.95	1	1	12.502877
Type 3S2_str	BOBJ1	224	After	Interior Girder 2	64	0.95	1	1	11.915397
Type 3S2_str	BOBJ1	224	After	Interior Girder 3	64	0.95	1	1	11.404362
Type 3S2_str	BOBJ1	224	After	Interior Girder 4	64	0.95	1	1	11.439069
Type 3S2_str	BOBJ1	224	After	Interior Girder 5	64	0.95	1	1	11.916717
Type 3S2_str	BOBJ1	224	After	Interior Girder 6	64	0.95	1	1	12.498943
Type 3S2_str	BOBJ1	224	After	Right Exterior Girder	64	0.95	1	1	13.254895
Type 3S2_str	BOBJ1	232	Before	Left Exterior Girder	72	0.95	1	1	13.041938
Type 3S2_str	BOBJ1	232	Before	Interior Girder 1	72	0.95	1	1	12.252908
Type 3S2_str	BOBJ1	232	Before	Interior Girder 2	72	0.95	1	1	11.678974
Type 3S2_str	BOBJ1	232	Before	Interior Girder 3	72	0.95	1	1	11.176614
Type 3S2_str	BOBJ1	232	Before	Interior Girder 4	72	0.95	1	1	11.210628
Type 3S2_str	BOBJ1	232	Before	Interior Girder 5	72	0.95	1	1	11.680267
Type 3S2_str	BOBJ1	232	Before	Interior Girder 6	72	0.95	1	1	12.249053
Type 3S2_str	BOBJ1	232	Before	Right Exterior Girder	72	0.95	1	1	13.059178
Type 3S2_str	BOBJ1	232	After	Left Exterior Girder	72	0.95	1	1	11.333842
Type 3S2_str	BOBJ1	232	After	Interior Girder 1	72	0.95	1	1	8.856189
Type 3S2_str	BOBJ1	232	After	Interior Girder 2	72	0.95	1	1	8.591974
Type 3S2_str	BOBJ1	232	After	Interior Girder 3	72	0.95	1	1	7.680221
Type 3S2_str	BOBJ1	232	After	Interior Girder 4	72	0.95	1	1	7.759236
Type 3S2_str	BOBJ1	232	After	Interior Girder 5	72	0.95	1	1	8.56622
Type 3S2_str	BOBJ1	232	After	Interior Girder 6	72	0.95	1	1	8.894426
Type 3S2_str	BOBJ1	232	After	Right Exterior Girder	72	0.95	1	1	11.346078
Type 3S2_str	BOBJ1	240	Before	Left Exterior Girder	80	0.95	1	1	11.15945
Type 3S2_str	BOBJ1	240	Before	Interior Girder 1	80	0.95	1	1	8.674775
Type 3S2_str	BOBJ1	240	Before	Interior Girder 2	80	0.95	1	1	8.417011
Type 3S2_str	BOBJ1	240	Before	Interior Girder 3	80	0.95	1	1	7.52242

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Approach, Span 4-6									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Type 3S2_str	BOBJ1	240	Before	Interior Girder 4	80	0.95	1	1	7.599811
Type 3S2_str	BOBJ1	240	Before	Interior Girder 5	80	0.95	1	1	8.391782
Type 3S2_str	BOBJ1	240	Before	Interior Girder 6	80	0.95	1	1	8.712228
Type 3S2_str	BOBJ1	240	Before	Right Exterior Girder	80	0.95	1	1	11.171498
Type 3-3_str	BOBJ1	0	After	Left Exterior Girder	0	0.95	1	1	11.486614
Type 3-3_str	BOBJ1	0	After	Interior Girder 1	0	0.95	1	1	9.86976
Type 3-3_str	BOBJ1	0	After	Interior Girder 2	0	0.95	1	1	9.363328
Type 3-3_str	BOBJ1	0	After	Interior Girder 3	0	0.95	1	1	8.78689
Type 3-3_str	BOBJ1	0	After	Interior Girder 4	0	0.95	1	1	8.838878
Type 3-3_str	BOBJ1	0	After	Interior Girder 5	0	0.95	1	1	9.34474
Type 3-3_str	BOBJ1	0	After	Interior Girder 6	0	0.95	1	1	9.902936
Type 3-3_str	BOBJ1	0	After	Right Exterior Girder	0	0.95	1	1	11.500636
Type 3-3_str	BOBJ1	8	Before	Left Exterior Girder	8	0.95	1	1	11.658301
Type 3-3_str	BOBJ1	8	Before	Interior Girder 1	8	0.95	1	1	10.069251
Type 3-3_str	BOBJ1	8	Before	Interior Girder 2	8	0.95	1	1	9.551523
Type 3-3_str	BOBJ1	8	Before	Interior Girder 3	8	0.95	1	1	8.964306
Type 3-3_str	BOBJ1	8	Before	Interior Girder 4	8	0.95	1	1	9.017343
Type 3-3_str	BOBJ1	8	Before	Interior Girder 5	8	0.95	1	1	9.532561
Type 3-3_str	BOBJ1	8	Before	Interior Girder 6	8	0.95	1	1	10.103098
Type 3-3_str	BOBJ1	8	Before	Right Exterior Girder	8	0.95	1	1	11.672534
Type 3-3_str	BOBJ1	8	After	Left Exterior Girder	8	0.95	1	1	13.492585
Type 3-3_str	BOBJ1	8	After	Interior Girder 1	8	0.95	1	1	14.098044
Type 3-3_str	BOBJ1	8	After	Interior Girder 2	8	0.95	1	1	13.156934
Type 3-3_str	BOBJ1	8	After	Interior Girder 3	8	0.95	1	1	12.866104
Type 3-3_str	BOBJ1	8	After	Interior Girder 4	8	0.95	1	1	12.892267
Type 3-3_str	BOBJ1	8	After	Interior Girder 5	8	0.95	1	1	13.165054
Type 3-3_str	BOBJ1	8	After	Interior Girder 6	8	0.95	1	1	14.089769
Type 3-3_str	BOBJ1	8	After	Right Exterior Girder	8	0.95	1	1	13.514003
Type 3-3_str	BOBJ1	16	Before	Left Exterior Girder	16	0.95	1	1	13.68658
Type 3-3_str	BOBJ1	16	Before	Interior Girder 1	16	0.95	1	1	14.376062
Type 3-3_str	BOBJ1	16	Before	Interior Girder 2	16	0.95	1	1	13.414701
Type 3-3_str	BOBJ1	16	Before	Interior Girder 3	16	0.95	1	1	13.118812
Type 3-3_str	BOBJ1	16	Before	Interior Girder 4	16	0.95	1	1	13.145488
Type 3-3_str	BOBJ1	16	Before	Interior Girder 5	16	0.95	1	1	13.42298
Type 3-3_str	BOBJ1	16	Before	Interior Girder 6	16	0.95	1	1	14.367624
Type 3-3_str	BOBJ1	16	Before	Right Exterior Girder	16	0.95	1	1	13.708306
Type 3-3_str	BOBJ1	16	After	Left Exterior Girder	16	0.95	1	1	18.95933
Type 3-3_str	BOBJ1	16	After	Interior Girder 1	16	0.95	1	1	16.824158
Type 3-3_str	BOBJ1	16	After	Interior Girder 2	16	0.95	1	1	14.751555
Type 3-3_str	BOBJ1	16	After	Interior Girder 3	16	0.95	1	1	13.670396
Type 3-3_str	BOBJ1	16	After	Interior Girder 4	16	0.95	1	1	13.82552
Type 3-3_str	BOBJ1	16	After	Interior Girder 5	16	0.95	1	1	14.715209
Type 3-3_str	BOBJ1	16	After	Interior Girder 6	16	0.95	1	1	16.889372
Type 3-3_str	BOBJ1	16	After	Right Exterior Girder	16	0.95	1	1	18.955975
Type 3-3_str	BOBJ1	20.5	Before	Left Exterior Girder	20.5	0.95	1	1	19.108836
Type 3-3_str	BOBJ1	20.5	Before	Right Exterior Girder	20.5	0.95	1	1	19.105454
Type 3-3_str	BOBJ1	20.5	After	Left Exterior Girder	20.5	0.95	1	1	21.37699
Type 3-3_str	BOBJ1	20.5	After	Right Exterior Girder	20.5	0.95	1	1	21.376252
Type 3-3_str	BOBJ1	24	Before	Left Exterior Girder	24	0.95	1	1	21.519833
Type 3-3_str	BOBJ1	24	Before	Interior Girder 1	24	0.95	1	1	16.206786
Type 3-3_str	BOBJ1	24	Before	Interior Girder 2	24	0.95	1	1	15.033707
Type 3-3_str	BOBJ1	24	Before	Interior Girder 3	24	0.95	1	1	13.931306
Type 3-3_str	BOBJ1	24	Before	Interior Girder 4	24	0.95	1	1	14.08939
Type 3-3_str	BOBJ1	24	Before	Interior Girder 5	24	0.95	1	1	14.996666
Type 3-3_str	BOBJ1	24	Before	Interior Girder 6	24	0.95	1	1	16.260955
Type 3-3_str	BOBJ1	24	Before	Right Exterior Girder	24	0.95	1	1	21.51909
Type 3-3_str	BOBJ1	24	After	Left Exterior Girder	24	0.95	1	1	25.266561
Type 3-3_str	BOBJ1	24	After	Interior Girder 1	24	0.95	1	1	24.474008
Type 3-3_str	BOBJ1	24	After	Interior Girder 2	24	0.95	1	1	21.531274
Type 3-3_str	BOBJ1	24	After	Interior Girder 3	24	0.95	1	1	19.863934
Type 3-3_str	BOBJ1	24	After	Interior Girder 4	24	0.95	1	1	20.209348
Type 3-3_str	BOBJ1	24	After	Interior Girder 5	24	0.95	1	1	21.554208
Type 3-3_str	BOBJ1	24	After	Interior Girder 6	24	0.95	1	1	24.434582
Type 3-3_str	BOBJ1	24	After	Right Exterior Girder	24	0.95	1	1	25.277218
Type 3-3_str	BOBJ1	32	Before	Left Exterior Girder	32	0.95	1	1	25.644009

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Approach, Span 4-6									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Type 3-3_str	BOBJ1	32	Before	Interior Girder 1	32	0.95	1	1	24.930001
Type 3-3_str	BOBJ1	32	Before	Interior Girder 2	32	0.95	1	1	21.932596
Type 3-3_str	BOBJ1	32	Before	Interior Girder 3	32	0.95	1	1	19.510371
Type 3-3_str	BOBJ1	32	Before	Interior Girder 4	32	0.95	1	1	19.849637
Type 3-3_str	BOBJ1	32	Before	Interior Girder 5	32	0.95	1	1	21.955957
Type 3-3_str	BOBJ1	32	Before	Interior Girder 6	32	0.95	1	1	24.88984
Type 3-3_str	BOBJ1	32	Before	Right Exterior Girder	32	0.95	1	1	25.654826
Type 3-3_str	BOBJ1	32	After	Left Exterior Girder	32	0.95	1	1	37.799583
Type 3-3_str	BOBJ1	32	After	Interior Girder 1	32	0.95	1	1	23.757703
Type 3-3_str	BOBJ1	32	After	Interior Girder 2	32	0.95	1	1	21.54859
Type 3-3_str	BOBJ1	32	After	Interior Girder 3	32	0.95	1	1	18.270292
Type 3-3_str	BOBJ1	32	After	Interior Girder 4	32	0.95	1	1	18.538667
Type 3-3_str	BOBJ1	32	After	Interior Girder 5	32	0.95	1	1	21.450863
Type 3-3_str	BOBJ1	32	After	Interior Girder 6	32	0.95	1	1	23.896699
Type 3-3_str	BOBJ1	32	After	Right Exterior Girder	32	0.95	1	1	37.933259
Type 3-3_str	BOBJ1	40	Before	Left Exterior Girder	40	0.95	1	1	37.243238
Type 3-3_str	BOBJ1	40	Before	Interior Girder 1	40	0.95	1	1	24.188363
Type 3-3_str	BOBJ1	40	Before	Interior Girder 2	40	0.95	1	1	21.939116
Type 3-3_str	BOBJ1	40	Before	Interior Girder 3	40	0.95	1	1	18.601844
Type 3-3_str	BOBJ1	40	Before	Interior Girder 4	40	0.95	1	1	18.875089
Type 3-3_str	BOBJ1	40	Before	Interior Girder 5	40	0.95	1	1	21.839618
Type 3-3_str	BOBJ1	40	Before	Interior Girder 6	40	0.95	1	1	24.329879
Type 3-3_str	BOBJ1	40	Before	Right Exterior Girder	40	0.95	1	1	37.374947
Type 3-3_str	BOBJ1	40	After	Left Exterior Girder	40	0.95	1	1	28.721442
Type 3-3_str	BOBJ1	40	After	Interior Girder 1	40	0.95	1	1	18.186873
Type 3-3_str	BOBJ1	40	After	Interior Girder 2	40	0.95	1	1	16.395544
Type 3-3_str	BOBJ1	40	After	Interior Girder 3	40	0.95	1	1	14.461133
Type 3-3_str	BOBJ1	40	After	Interior Girder 4	40	0.95	1	1	14.629172
Type 3-3_str	BOBJ1	40	After	Interior Girder 5	40	0.95	1	1	16.348347
Type 3-3_str	BOBJ1	40	After	Interior Girder 6	40	0.95	1	1	18.290997
Type 3-3_str	BOBJ1	40	After	Right Exterior Girder	40	0.95	1	1	28.721442
Type 3-3_str	BOBJ1	46.5	Before	Left Exterior Girder	46.5	0.95	1	1	28.365844
Type 3-3_str	BOBJ1	46.5	Before	Right Exterior Girder	46.5	0.95	1	1	28.365844
Type 3-3_str	BOBJ1	46.5	After	Left Exterior Girder	46.5	0.95	1	1	20.747047
Type 3-3_str	BOBJ1	46.5	After	Right Exterior Girder	46.5	0.95	1	1	20.703693
Type 3-3_str	BOBJ1	48	Before	Left Exterior Girder	48	0.95	1	1	20.691711
Type 3-3_str	BOBJ1	48	Before	Interior Girder 1	48	0.95	1	1	20.983116
Type 3-3_str	BOBJ1	48	Before	Interior Girder 2	48	0.95	1	1	16.08827
Type 3-3_str	BOBJ1	48	Before	Interior Girder 3	48	0.95	1	1	14.190711
Type 3-3_str	BOBJ1	48	Before	Interior Girder 4	48	0.95	1	1	14.355607
Type 3-3_str	BOBJ1	48	Before	Interior Girder 5	48	0.95	1	1	16.041957
Type 3-3_str	BOBJ1	48	Before	Interior Girder 6	48	0.95	1	1	21.078888
Type 3-3_str	BOBJ1	48	Before	Right Exterior Girder	48	0.95	1	1	20.648473
Type 3-3_str	BOBJ1	48	After	Left Exterior Girder	48	0.95	1	1	16.332438
Type 3-3_str	BOBJ1	48	After	Interior Girder 1	48	0.95	1	1	16.136353
Type 3-3_str	BOBJ1	48	After	Interior Girder 2	48	0.95	1	1	14.935554
Type 3-3_str	BOBJ1	48	After	Interior Girder 3	48	0.95	1	1	14.645804
Type 3-3_str	BOBJ1	48	After	Interior Girder 4	48	0.95	1	1	14.69186
Type 3-3_str	BOBJ1	48	After	Interior Girder 5	48	0.95	1	1	14.941799
Type 3-3_str	BOBJ1	48	After	Interior Girder 6	48	0.95	1	1	16.12842
Type 3-3_str	BOBJ1	48	After	Right Exterior Girder	48	0.95	1	1	16.36104
Type 3-3_str	BOBJ1	56	Before	Left Exterior Girder	56	0.95	1	1	16.101157
Type 3-3_str	BOBJ1	56	Before	Interior Girder 1	56	0.95	1	1	15.824447
Type 3-3_str	BOBJ1	56	Before	Interior Girder 2	56	0.95	1	1	14.648515
Type 3-3_str	BOBJ1	56	Before	Interior Girder 3	56	0.95	1	1	14.364429
Type 3-3_str	BOBJ1	56	Before	Interior Girder 4	56	0.95	1	1	14.409601
Type 3-3_str	BOBJ1	56	Before	Interior Girder 5	56	0.95	1	1	14.65464
Type 3-3_str	BOBJ1	56	Before	Interior Girder 6	56	0.95	1	1	15.816667
Type 3-3_str	BOBJ1	56	Before	Right Exterior Girder	56	0.95	1	1	16.129353
Type 3-3_str	BOBJ1	56	After	Left Exterior Girder	56	0.95	1	1	13.643635
Type 3-3_str	BOBJ1	56	After	Interior Girder 1	56	0.95	1	1	11.357755
Type 3-3_str	BOBJ1	56	After	Interior Girder 2	56	0.95	1	1	10.855
Type 3-3_str	BOBJ1	56	After	Interior Girder 3	56	0.95	1	1	10.21959
Type 3-3_str	BOBJ1	56	After	Interior Girder 4	56	0.95	1	1	10.304707
Type 3-3_str	BOBJ1	56	After	Interior Girder 5	56	0.95	1	1	10.843517

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Approach, Span 4-6									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Type 3-3_str	BOBJ1	56	After	Interior Girder 6	56	0.95	1	1	11.381245
Type 3-3_str	BOBJ1	56	After	Right Exterior Girder	56	0.95	1	1	13.656008
Type 3-3_str	BOBJ1	59	Before	Interior Girder 1	59	0.95	1	1	11.273241
Type 3-3_str	BOBJ1	59	Before	Interior Girder 2	59	0.95	1	1	10.774887
Type 3-3_str	BOBJ1	59	Before	Interior Girder 3	59	0.95	1	1	10.144167
Type 3-3_str	BOBJ1	59	Before	Interior Girder 4	59	0.95	1	1	10.228656
Type 3-3_str	BOBJ1	59	Before	Interior Girder 5	59	0.95	1	1	10.763489
Type 3-3_str	BOBJ1	59	Before	Interior Girder 6	59	0.95	1	1	11.296556
Type 3-3_str	BOBJ1	59	After	Interior Girder 1	59	0.95	1	1	7.586539
Type 3-3_str	BOBJ1	59	After	Interior Girder 2	59	0.95	1	1	7.373588
Type 3-3_str	BOBJ1	59	After	Interior Girder 3	59	0.95	1	1	6.802931
Type 3-3_str	BOBJ1	59	After	Interior Girder 4	59	0.95	1	1	6.871575
Type 3-3_str	BOBJ1	59	After	Interior Girder 5	59	0.95	1	1	7.35215
Type 3-3_str	BOBJ1	59	After	Interior Girder 6	59	0.95	1	1	7.620307
Type 3-3_str	BOBJ1	64	Before	Left Exterior Girder	64	0.95	1	1	13.660284
Type 3-3_str	BOBJ1	64	Before	Interior Girder 1	64	0.95	1	1	7.475825
Type 3-3_str	BOBJ1	64	Before	Interior Girder 2	64	0.95	1	1	7.26671
Type 3-3_str	BOBJ1	64	Before	Interior Girder 3	64	0.95	1	1	6.70421
Type 3-3_str	BOBJ1	64	Before	Interior Girder 4	64	0.95	1	1	6.771858
Type 3-3_str	BOBJ1	64	Before	Interior Girder 5	64	0.95	1	1	7.245582
Type 3-3_str	BOBJ1	64	Before	Interior Girder 6	64	0.95	1	1	7.5091
Type 3-3_str	BOBJ1	64	Before	Right Exterior Girder	64	0.95	1	1	13.670084
Type 3-3_str	BOBJ1	64	After	Left Exterior Girder	64	0.95	1	1	9.399383
Type 3-3_str	BOBJ1	64	After	Interior Girder 1	64	0.95	1	1	7.836695
Type 3-3_str	BOBJ1	64	After	Interior Girder 2	64	0.95	1	1	7.315324
Type 3-3_str	BOBJ1	64	After	Interior Girder 3	64	0.95	1	1	6.651521
Type 3-3_str	BOBJ1	64	After	Interior Girder 4	64	0.95	1	1	6.659942
Type 3-3_str	BOBJ1	64	After	Interior Girder 5	64	0.95	1	1	7.310268
Type 3-3_str	BOBJ1	64	After	Interior Girder 6	64	0.95	1	1	7.836376
Type 3-3_str	BOBJ1	64	After	Right Exterior Girder	64	0.95	1	1	9.414923
Type 3-3_str	BOBJ1	69	Before	Interior Girder 1	69	0.95	1	1	7.720297
Type 3-3_str	BOBJ1	69	Before	Interior Girder 2	69	0.95	1	1	7.208344
Type 3-3_str	BOBJ1	69	Before	Interior Girder 3	69	0.95	1	1	6.551642
Type 3-3_str	BOBJ1	69	Before	Interior Girder 4	69	0.95	1	1	6.559937
Type 3-3_str	BOBJ1	69	Before	Interior Girder 5	69	0.95	1	1	7.203363
Type 3-3_str	BOBJ1	69	Before	Interior Girder 6	69	0.95	1	1	7.719983
Type 3-3_str	BOBJ1	69	After	Interior Girder 1	69	0.95	1	1	6.369482
Type 3-3_str	BOBJ1	69	After	Interior Girder 2	69	0.95	1	1	6.198312
Type 3-3_str	BOBJ1	69	After	Interior Girder 3	69	0.95	1	1	5.482305
Type 3-3_str	BOBJ1	69	After	Interior Girder 4	69	0.95	1	1	5.507353
Type 3-3_str	BOBJ1	69	After	Interior Girder 5	69	0.95	1	1	6.190631
Type 3-3_str	BOBJ1	69	After	Interior Girder 6	69	0.95	1	1	6.375576
Type 3-3_str	BOBJ1	72	Before	Left Exterior Girder	72	0.95	1	1	6.368444
Type 3-3_str	BOBJ1	72	Before	Interior Girder 1	72	0.95	1	1	6.304308
Type 3-3_str	BOBJ1	72	Before	Interior Girder 2	72	0.95	1	1	6.136116
Type 3-3_str	BOBJ1	72	Before	Interior Girder 3	72	0.95	1	1	5.425627
Type 3-3_str	BOBJ1	72	Before	Interior Girder 4	72	0.95	1	1	5.450416
Type 3-3_str	BOBJ1	72	Before	Interior Girder 5	72	0.95	1	1	6.128512
Type 3-3_str	BOBJ1	72	Before	Interior Girder 6	72	0.95	1	1	6.310339
Type 3-3_str	BOBJ1	72	Before	Right Exterior Girder	72	0.95	1	1	6.377514
Type 3-3_str	BOBJ1	72	After	Left Exterior Girder	72	0.95	1	1	5.900266
Type 3-3_str	BOBJ1	72	After	Interior Girder 1	72	0.95	1	1	8.07166
Type 3-3_str	BOBJ1	72	After	Interior Girder 2	72	0.95	1	1	5.589667
Type 3-3_str	BOBJ1	72	After	Interior Girder 3	72	0.95	1	1	4.823319
Type 3-3_str	BOBJ1	72	After	Interior Girder 4	72	0.95	1	1	4.8492
Type 3-3_str	BOBJ1	72	After	Interior Girder 5	72	0.95	1	1	5.570355
Type 3-3_str	BOBJ1	72	After	Interior Girder 6	72	0.95	1	1	8.10203
Type 3-3_str	BOBJ1	72	After	Right Exterior Girder	72	0.95	1	1	5.908696
Type 3-3_str	BOBJ1	72.5	Before	Left Exterior Girder	72.5	0.95	1	1	5.89395
Type 3-3_str	BOBJ1	72.5	Before	Right Exterior Girder	72.5	0.95	1	1	5.90237
Type 3-3_str	BOBJ1	72.5	After	Left Exterior Girder	72.5	0.95	1	1	8.221132
Type 3-3_str	BOBJ1	72.5	After	Right Exterior Girder	72.5	0.95	1	1	8.232033
Type 3-3_str	BOBJ1	80	Before	Left Exterior Girder	80	0.95	1	1	8.078999
Type 3-3_str	BOBJ1	80	Before	Interior Girder 1	80	0.95	1	1	5.711022
Type 3-3_str	BOBJ1	80	Before	Interior Girder 2	80	0.95	1	1	5.43803

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Approach, Span 4-6									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Type 3-3_str	BOBJ1	80	Before	Interior Girder 3	80	0.95	1	1	4.687734
Type 3-3_str	BOBJ1	80	Before	Interior Girder 4	80	0.95	1	1	4.712888
Type 3-3_str	BOBJ1	80	Before	Interior Girder 5	80	0.95	1	1	5.419242
Type 3-3_str	BOBJ1	80	Before	Interior Girder 6	80	0.95	1	1	5.734056
Type 3-3_str	BOBJ1	80	Before	Right Exterior Girder	80	0.95	1	1	8.089712
Type 3-3_str	BOBJ1	80	After	Left Exterior Girder	0	0.95	1	1	9.597123
Type 3-3_str	BOBJ1	80	After	Interior Girder 1	0	0.95	1	1	6.380331
Type 3-3_str	BOBJ1	80	After	Interior Girder 2	0	0.95	1	1	6.110212
Type 3-3_str	BOBJ1	80	After	Interior Girder 3	0	0.95	1	1	5.271214
Type 3-3_str	BOBJ1	80	After	Interior Girder 4	0	0.95	1	1	5.302639
Type 3-3_str	BOBJ1	80	After	Interior Girder 5	0	0.95	1	1	6.088146
Type 3-3_str	BOBJ1	80	After	Interior Girder 6	0	0.95	1	1	6.407427
Type 3-3_str	BOBJ1	80	After	Right Exterior Girder	0	0.95	1	1	9.610206
Type 3-3_str	BOBJ1	87.5	Before	Left Exterior Girder	7.5	0.95	1	1	9.758251
Type 3-3_str	BOBJ1	87.5	Before	Right Exterior Girder	7.5	0.95	1	1	9.771555
Type 3-3_str	BOBJ1	87.5	After	Left Exterior Girder	7.5	0.95	1	1	7.711275
Type 3-3_str	BOBJ1	87.5	After	Right Exterior Girder	7.5	0.95	1	1	7.722634
Type 3-3_str	BOBJ1	88	Before	Left Exterior Girder	8	0.95	1	1	7.718856
Type 3-3_str	BOBJ1	88	Before	Interior Girder 1	8	0.95	1	1	8.041663
Type 3-3_str	BOBJ1	88	Before	Interior Girder 2	8	0.95	1	1	6.273144
Type 3-3_str	BOBJ1	88	Before	Interior Girder 3	8	0.95	1	1	5.416836
Type 3-3_str	BOBJ1	88	Before	Interior Girder 4	8	0.95	1	1	5.449128
Type 3-3_str	BOBJ1	88	Before	Interior Girder 5	8	0.95	1	1	6.25049
Type 3-3_str	BOBJ1	88	Before	Interior Girder 6	8	0.95	1	1	8.073474
Type 3-3_str	BOBJ1	88	Before	Right Exterior Girder	8	0.95	1	1	7.730227
Type 3-3_str	BOBJ1	88	After	Left Exterior Girder	8	0.95	1	1	8.34078
Type 3-3_str	BOBJ1	88	After	Interior Girder 1	8	0.95	1	1	7.152711
Type 3-3_str	BOBJ1	88	After	Interior Girder 2	8	0.95	1	1	6.95381
Type 3-3_str	BOBJ1	88	After	Interior Girder 3	8	0.95	1	1	6.154525
Type 3-3_str	BOBJ1	88	After	Interior Girder 4	8	0.95	1	1	6.185126
Type 3-3_str	BOBJ1	88	After	Interior Girder 5	8	0.95	1	1	6.945356
Type 3-3_str	BOBJ1	88	After	Interior Girder 6	8	0.95	1	1	7.159682
Type 3-3_str	BOBJ1	88	After	Right Exterior Girder	8	0.95	1	1	8.353856
Type 3-3_str	BOBJ1	91	Before	Interior Girder 1	11	0.95	1	1	7.22315
Type 3-3_str	BOBJ1	91	Before	Interior Girder 2	11	0.95	1	1	7.021314
Type 3-3_str	BOBJ1	91	Before	Interior Girder 3	11	0.95	1	1	6.216034
Type 3-3_str	BOBJ1	91	Before	Interior Girder 4	11	0.95	1	1	6.24694
Type 3-3_str	BOBJ1	91	Before	Interior Girder 5	11	0.95	1	1	7.012777
Type 3-3_str	BOBJ1	91	Before	Interior Girder 6	11	0.95	1	1	7.23019
Type 3-3_str	BOBJ1	91	After	Interior Girder 1	11	0.95	1	1	8.887396
Type 3-3_str	BOBJ1	91	After	Interior Girder 2	11	0.95	1	1	8.320726
Type 3-3_str	BOBJ1	91	After	Interior Girder 3	11	0.95	1	1	7.562252
Type 3-3_str	BOBJ1	91	After	Interior Girder 4	11	0.95	1	1	7.575468
Type 3-3_str	BOBJ1	91	After	Interior Girder 5	11	0.95	1	1	8.317316
Type 3-3_str	BOBJ1	91	After	Interior Girder 6	11	0.95	1	1	8.883794
Type 3-3_str	BOBJ1	96	Before	Left Exterior Girder	16	0.95	1	1	11.585609
Type 3-3_str	BOBJ1	96	Before	Interior Girder 1	16	0.95	1	1	9.015461
Type 3-3_str	BOBJ1	96	Before	Interior Girder 2	16	0.95	1	1	8.439069
Type 3-3_str	BOBJ1	96	Before	Interior Girder 3	16	0.95	1	1	7.672623
Type 3-3_str	BOBJ1	96	Before	Interior Girder 4	16	0.95	1	1	7.686032
Type 3-3_str	BOBJ1	96	Before	Interior Girder 5	16	0.95	1	1	8.435611
Type 3-3_str	BOBJ1	96	Before	Interior Girder 6	16	0.95	1	1	9.011808
Type 3-3_str	BOBJ1	96	Before	Right Exterior Girder	16	0.95	1	1	11.606025
Type 3-3_str	BOBJ1	96	After	Left Exterior Girder	16	0.95	1	1	12.170972
Type 3-3_str	BOBJ1	96	After	Interior Girder 1	16	0.95	1	1	9.901221
Type 3-3_str	BOBJ1	96	After	Interior Girder 2	16	0.95	1	1	9.504989
Type 3-3_str	BOBJ1	96	After	Interior Girder 3	16	0.95	1	1	8.985812
Type 3-3_str	BOBJ1	96	After	Interior Girder 4	16	0.95	1	1	9.069248
Type 3-3_str	BOBJ1	96	After	Interior Girder 5	16	0.95	1	1	9.477726
Type 3-3_str	BOBJ1	96	After	Interior Girder 6	16	0.95	1	1	9.939689
Type 3-3_str	BOBJ1	96	After	Right Exterior Girder	16	0.95	1	1	12.180896
Type 3-3_str	BOBJ1	104	Before	Left Exterior Girder	24	0.95	1	1	12.374542
Type 3-3_str	BOBJ1	104	Before	Interior Girder 1	24	0.95	1	1	10.125287
Type 3-3_str	BOBJ1	104	Before	Interior Girder 2	24	0.95	1	1	9.719309
Type 3-3_str	BOBJ1	104	Before	Interior Girder 3	24	0.95	1	1	9.188399

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Approach, Span 4-6									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Type 3-3_str	BOBJ1	104	Before	Interior Girder 4	24	0.95	1	1	9.273716
Type 3-3_str	BOBJ1	104	Before	Interior Girder 5	24	0.95	1	1	9.691431
Type 3-3_str	BOBJ1	104	Before	Interior Girder 6	24	0.95	1	1	10.164625
Type 3-3_str	BOBJ1	104	Before	Right Exterior Girder	24	0.95	1	1	12.384632
Type 3-3_str	BOBJ1	104	After	Left Exterior Girder	24	0.95	1	1	15.007898
Type 3-3_str	BOBJ1	104	After	Interior Girder 1	24	0.95	1	1	14.746256
Type 3-3_str	BOBJ1	104	After	Interior Girder 2	24	0.95	1	1	13.817739
Type 3-3_str	BOBJ1	104	After	Interior Girder 3	24	0.95	1	1	13.661308
Type 3-3_str	BOBJ1	104	After	Interior Girder 4	24	0.95	1	1	13.692619
Type 3-3_str	BOBJ1	104	After	Interior Girder 5	24	0.95	1	1	13.822599
Type 3-3_str	BOBJ1	104	After	Interior Girder 6	24	0.95	1	1	14.736041
Type 3-3_str	BOBJ1	104	After	Right Exterior Girder	24	0.95	1	1	15.029251
Type 3-3_str	BOBJ1	112	Before	Left Exterior Girder	32	0.95	1	1	15.247056
Type 3-3_str	BOBJ1	112	Before	Interior Girder 1	32	0.95	1	1	15.070645
Type 3-3_str	BOBJ1	112	Before	Interior Girder 2	32	0.95	1	1	14.119962
Type 3-3_str	BOBJ1	112	Before	Interior Girder 3	32	0.95	1	1	13.959888
Type 3-3_str	BOBJ1	112	Before	Interior Girder 4	32	0.95	1	1	13.991884
Type 3-3_str	BOBJ1	112	Before	Interior Girder 5	32	0.95	1	1	14.124929
Type 3-3_str	BOBJ1	112	Before	Interior Girder 6	32	0.95	1	1	15.060207
Type 3-3_str	BOBJ1	112	Before	Right Exterior Girder	32	0.95	1	1	15.268749
Type 3-3_str	BOBJ1	112	After	Left Exterior Girder	32	0.95	1	1	28.467806
Type 3-3_str	BOBJ1	112	After	Interior Girder 1	32	0.95	1	1	16.3367
Type 3-3_str	BOBJ1	112	After	Interior Girder 2	32	0.95	1	1	14.954012
Type 3-3_str	BOBJ1	112	After	Interior Girder 3	32	0.95	1	1	12.967371
Type 3-3_str	BOBJ1	112	After	Interior Girder 4	32	0.95	1	1	13.132589
Type 3-3_str	BOBJ1	112	After	Interior Girder 5	32	0.95	1	1	14.8867
Type 3-3_str	BOBJ1	112	After	Interior Girder 6	32	0.95	1	1	16.374929
Type 3-3_str	BOBJ1	112	After	Right Exterior Girder	32	0.95	1	1	28.484383
Type 3-3_str	BOBJ1	120	Before	Left Exterior Girder	40	0.95	1	1	28.903798
Type 3-3_str	BOBJ1	120	Before	Interior Girder 1	40	0.95	1	1	16.682821
Type 3-3_str	BOBJ1	120	Before	Interior Girder 2	40	0.95	1	1	15.271165
Type 3-3_str	BOBJ1	120	Before	Interior Girder 3	40	0.95	1	1	13.24224
Type 3-3_str	BOBJ1	120	Before	Interior Girder 4	40	0.95	1	1	13.41096
Type 3-3_str	BOBJ1	120	Before	Interior Girder 5	40	0.95	1	1	15.202425
Type 3-3_str	BOBJ1	120	Before	Interior Girder 6	40	0.95	1	1	16.721859
Type 3-3_str	BOBJ1	120	Before	Right Exterior Girder	40	0.95	1	1	28.920629
Type 3-3_str	BOBJ1	120	After	Left Exterior Girder	40	0.95	1	1	29.465766
Type 3-3_str	BOBJ1	120	After	Interior Girder 1	40	0.95	1	1	16.844907
Type 3-3_str	BOBJ1	120	After	Interior Girder 2	40	0.95	1	1	15.41244
Type 3-3_str	BOBJ1	120	After	Interior Girder 3	40	0.95	1	1	13.334209
Type 3-3_str	BOBJ1	120	After	Interior Girder 4	40	0.95	1	1	13.505494
Type 3-3_str	BOBJ1	120	After	Interior Girder 5	40	0.95	1	1	15.341802
Type 3-3_str	BOBJ1	120	After	Interior Girder 6	40	0.95	1	1	16.885314
Type 3-3_str	BOBJ1	120	After	Right Exterior Girder	40	0.95	1	1	29.482967
Type 3-3_str	BOBJ1	128	Before	Left Exterior Girder	48	0.95	1	1	29.02228
Type 3-3_str	BOBJ1	128	Before	Interior Girder 1	48	0.95	1	1	16.495713
Type 3-3_str	BOBJ1	128	Before	Interior Girder 2	48	0.95	1	1	15.092597
Type 3-3_str	BOBJ1	128	Before	Interior Girder 3	48	0.95	1	1	13.057582
Type 3-3_str	BOBJ1	128	Before	Interior Girder 4	48	0.95	1	1	13.225314
Type 3-3_str	BOBJ1	128	Before	Interior Girder 5	48	0.95	1	1	15.023425
Type 3-3_str	BOBJ1	128	Before	Interior Girder 6	48	0.95	1	1	16.535282
Type 3-3_str	BOBJ1	128	Before	Right Exterior Girder	48	0.95	1	1	29.039223
Type 3-3_str	BOBJ1	128	After	Left Exterior Girder	48	0.95	1	1	15.73112
Type 3-3_str	BOBJ1	128	After	Interior Girder 1	48	0.95	1	1	15.279643
Type 3-3_str	BOBJ1	128	After	Interior Girder 2	48	0.95	1	1	14.302573
Type 3-3_str	BOBJ1	128	After	Interior Girder 3	48	0.95	1	1	14.14198
Type 3-3_str	BOBJ1	128	After	Interior Girder 4	48	0.95	1	1	14.174373
Type 3-3_str	BOBJ1	128	After	Interior Girder 5	48	0.95	1	1	14.307944
Type 3-3_str	BOBJ1	128	After	Interior Girder 6	48	0.95	1	1	15.268927
Type 3-3_str	BOBJ1	128	After	Right Exterior Girder	48	0.95	1	1	15.759283
Type 3-3_str	BOBJ1	136	Before	Left Exterior Girder	56	0.95	1	1	15.485026
Type 3-3_str	BOBJ1	136	Before	Interior Girder 1	56	0.95	1	1	14.95095
Type 3-3_str	BOBJ1	136	Before	Interior Girder 2	56	0.95	1	1	13.99656
Type 3-3_str	BOBJ1	136	Before	Interior Girder 3	56	0.95	1	1	13.839766
Type 3-3_str	BOBJ1	136	Before	Interior Girder 4	56	0.95	1	1	13.871467

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Approach, Span 4-6									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Type 3-3_str	BOBJ1	136	Before	Interior Girder 5	56	0.95	1	1	14.001816
Type 3-3_str	BOBJ1	136	Before	Interior Girder 6	56	0.95	1	1	14.940465
Type 3-3_str	BOBJ1	136	Before	Right Exterior Girder	56	0.95	1	1	15.512748
Type 3-3_str	BOBJ1	136	After	Left Exterior Girder	56	0.95	1	1	12.749938
Type 3-3_str	BOBJ1	136	After	Interior Girder 1	56	0.95	1	1	10.235683
Type 3-3_str	BOBJ1	136	After	Interior Girder 2	56	0.95	1	1	9.820581
Type 3-3_str	BOBJ1	136	After	Interior Girder 3	56	0.95	1	1	9.280443
Type 3-3_str	BOBJ1	136	After	Interior Girder 4	56	0.95	1	1	9.367116
Type 3-3_str	BOBJ1	136	After	Interior Girder 5	56	0.95	1	1	9.792371
Type 3-3_str	BOBJ1	136	After	Interior Girder 6	56	0.95	1	1	10.275492
Type 3-3_str	BOBJ1	136	After	Right Exterior Girder	56	0.95	1	1	12.759753
Type 3-3_str	BOBJ1	144	Before	Left Exterior Girder	64	0.95	1	1	12.540809
Type 3-3_str	BOBJ1	144	Before	Interior Girder 1	64	0.95	1	1	10.00929
Type 3-3_str	BOBJ1	144	Before	Interior Girder 2	64	0.95	1	1	9.604087
Type 3-3_str	BOBJ1	144	Before	Interior Girder 3	64	0.95	1	1	9.076027
Type 3-3_str	BOBJ1	144	Before	Interior Girder 4	64	0.95	1	1	9.160791
Type 3-3_str	BOBJ1	144	Before	Interior Girder 5	64	0.95	1	1	9.576498
Type 3-3_str	BOBJ1	144	Before	Interior Girder 6	64	0.95	1	1	10.048218
Type 3-3_str	BOBJ1	144	Before	Right Exterior Girder	64	0.95	1	1	12.550463
Type 3-3_str	BOBJ1	144	After	Left Exterior Girder	64	0.95	1	1	11.031428
Type 3-3_str	BOBJ1	144	After	Interior Girder 1	64	0.95	1	1	9.111593
Type 3-3_str	BOBJ1	144	After	Interior Girder 2	64	0.95	1	1	8.522109
Type 3-3_str	BOBJ1	144	After	Interior Girder 3	64	0.95	1	1	7.808167
Type 3-3_str	BOBJ1	144	After	Interior Girder 4	64	0.95	1	1	7.820691
Type 3-3_str	BOBJ1	144	After	Interior Girder 5	64	0.95	1	1	8.517873
Type 3-3_str	BOBJ1	144	After	Interior Girder 6	64	0.95	1	1	9.109146
Type 3-3_str	BOBJ1	144	After	Right Exterior Girder	64	0.95	1	1	11.05024
Type 3-3_str	BOBJ1	150	Before	Interior Girder 1	70	0.95	1	1	8.956192
Type 3-3_str	BOBJ1	150	Before	Interior Girder 2	70	0.95	1	1	8.378517
Type 3-3_str	BOBJ1	150	Before	Interior Girder 3	70	0.95	1	1	7.673571
Type 3-3_str	BOBJ1	150	Before	Interior Girder 4	70	0.95	1	1	7.685879
Type 3-3_str	BOBJ1	150	Before	Interior Girder 5	70	0.95	1	1	8.374353
Type 3-3_str	BOBJ1	150	Before	Interior Girder 6	70	0.95	1	1	8.953787
Type 3-3_str	BOBJ1	150	After	Interior Girder 1	70	0.95	1	1	6.71263
Type 3-3_str	BOBJ1	150	After	Interior Girder 2	70	0.95	1	1	6.779001
Type 3-3_str	BOBJ1	150	After	Interior Girder 3	70	0.95	1	1	5.952298
Type 3-3_str	BOBJ1	150	After	Interior Girder 4	70	0.95	1	1	5.988198
Type 3-3_str	BOBJ1	150	After	Interior Girder 5	70	0.95	1	1	6.771706
Type 3-3_str	BOBJ1	150	After	Interior Girder 6	70	0.95	1	1	6.719213
Type 3-3_str	BOBJ1	152	Before	Left Exterior Girder	72	0.95	1	1	10.902765
Type 3-3_str	BOBJ1	152	Before	Interior Girder 1	72	0.95	1	1	6.669069
Type 3-3_str	BOBJ1	152	Before	Interior Girder 2	72	0.95	1	1	6.735927
Type 3-3_str	BOBJ1	152	Before	Interior Girder 3	72	0.95	1	1	5.913434
Type 3-3_str	BOBJ1	152	Before	Interior Girder 4	72	0.95	1	1	5.949099
Type 3-3_str	BOBJ1	152	Before	Interior Girder 5	72	0.95	1	1	6.728679
Type 3-3_str	BOBJ1	152	Before	Interior Girder 6	72	0.95	1	1	6.675609
Type 3-3_str	BOBJ1	152	Before	Right Exterior Girder	72	0.95	1	1	10.920139
Type 3-3_str	BOBJ1	152	After	Left Exterior Girder	72	0.95	1	1	9.222938
Type 3-3_str	BOBJ1	152	After	Interior Girder 1	72	0.95	1	1	6.13863
Type 3-3_str	BOBJ1	152	After	Interior Girder 2	72	0.95	1	1	6.310283
Type 3-3_str	BOBJ1	152	After	Interior Girder 3	72	0.95	1	1	5.468307
Type 3-3_str	BOBJ1	152	After	Interior Girder 4	72	0.95	1	1	5.499817
Type 3-3_str	BOBJ1	152	After	Interior Girder 5	72	0.95	1	1	6.287866
Type 3-3_str	BOBJ1	152	After	Interior Girder 6	72	0.95	1	1	6.163261
Type 3-3_str	BOBJ1	152	After	Right Exterior Girder	72	0.95	1	1	9.236411
Type 3-3_str	BOBJ1	154	Before	Left Exterior Girder	74	0.95	1	1	9.185928
Type 3-3_str	BOBJ1	154	Before	Right Exterior Girder	74	0.95	1	1	9.199347
Type 3-3_str	BOBJ1	154	After	Left Exterior Girder	74	0.95	1	1	9.090398
Type 3-3_str	BOBJ1	154	After	Right Exterior Girder	74	0.95	1	1	9.10265
Type 3-3_str	BOBJ1	160	Before	Left Exterior Girder	80	0.95	1	1	8.966484
Type 3-3_str	BOBJ1	160	Before	Interior Girder 1	80	0.95	1	1	6.423282
Type 3-3_str	BOBJ1	160	Before	Interior Girder 2	80	0.95	1	1	6.148328
Type 3-3_str	BOBJ1	160	Before	Interior Girder 3	80	0.95	1	1	5.323489
Type 3-3_str	BOBJ1	160	Before	Interior Girder 4	80	0.95	1	1	5.354164
Type 3-3_str	BOBJ1	160	Before	Interior Girder 5	80	0.95	1	1	6.126486

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Approach, Span 4-6									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Type 3-3_str	BOBJ1	160	Before	Interior Girder 6	80	0.95	1	1	6.450655
Type 3-3_str	BOBJ1	160	Before	Right Exterior Girder	80	0.95	1	1	8.978569
Type 3-3_str	BOBJ1	160	After	Left Exterior Girder	0	0.95	1	1	7.577392
Type 3-3_str	BOBJ1	160	After	Interior Girder 1	0	0.95	1	1	5.696296
Type 3-3_str	BOBJ1	160	After	Interior Girder 2	0	0.95	1	1	5.442903
Type 3-3_str	BOBJ1	160	After	Interior Girder 3	0	0.95	1	1	4.724972
Type 3-3_str	BOBJ1	160	After	Interior Girder 4	0	0.95	1	1	4.750995
Type 3-3_str	BOBJ1	160	After	Interior Girder 5	0	0.95	1	1	5.424321
Type 3-3_str	BOBJ1	160	After	Interior Girder 6	0	0.95	1	1	5.719068
Type 3-3_str	BOBJ1	160	After	Right Exterior Girder	0	0.95	1	1	7.587081
Type 3-3_str	BOBJ1	166	Before	Left Exterior Girder	6	0.95	1	1	7.687087
Type 3-3_str	BOBJ1	166	Before	Right Exterior Girder	6	0.95	1	1	7.696917
Type 3-3_str	BOBJ1	166	After	Left Exterior Girder	6	0.95	1	1	7.498996
Type 3-3_str	BOBJ1	166	After	Right Exterior Girder	6	0.95	1	1	7.509233
Type 3-3_str	BOBJ1	168	Before	Left Exterior Girder	8	0.95	1	1	7.530865
Type 3-3_str	BOBJ1	168	Before	Interior Girder 1	8	0.95	1	1	5.594221
Type 3-3_str	BOBJ1	168	Before	Interior Girder 2	8	0.95	1	1	5.592647
Type 3-3_str	BOBJ1	168	Before	Interior Girder 3	8	0.95	1	1	4.859723
Type 3-3_str	BOBJ1	168	Before	Interior Girder 4	8	0.95	1	1	4.886488
Type 3-3_str	BOBJ1	168	Before	Interior Girder 5	8	0.95	1	1	5.573554
Type 3-3_str	BOBJ1	168	Before	Interior Girder 6	8	0.95	1	1	5.615593
Type 3-3_str	BOBJ1	168	Before	Right Exterior Girder	8	0.95	1	1	7.541146
Type 3-3_str	BOBJ1	168	After	Left Exterior Girder	8	0.95	1	1	8.758214
Type 3-3_str	BOBJ1	168	After	Interior Girder 1	8	0.95	1	1	5.857126
Type 3-3_str	BOBJ1	168	After	Interior Girder 2	8	0.95	1	1	5.930584
Type 3-3_str	BOBJ1	168	After	Interior Girder 3	8	0.95	1	1	5.225257
Type 3-3_str	BOBJ1	168	After	Interior Girder 4	8	0.95	1	1	5.254637
Type 3-3_str	BOBJ1	168	After	Interior Girder 5	8	0.95	1	1	5.92245
Type 3-3_str	BOBJ1	168	After	Interior Girder 6	8	0.95	1	1	5.862672
Type 3-3_str	BOBJ1	168	After	Right Exterior Girder	8	0.95	1	1	8.770101
Type 3-3_str	BOBJ1	170	Before	Interior Girder 1	10	0.95	1	1	5.897244
Type 3-3_str	BOBJ1	170	Before	Interior Girder 2	10	0.95	1	1	5.970141
Type 3-3_str	BOBJ1	170	Before	Interior Girder 3	10	0.95	1	1	5.261198
Type 3-3_str	BOBJ1	170	Before	Interior Girder 4	10	0.95	1	1	5.290781
Type 3-3_str	BOBJ1	170	Before	Interior Girder 5	10	0.95	1	1	5.961953
Type 3-3_str	BOBJ1	170	Before	Interior Girder 6	10	0.95	1	1	5.902828
Type 3-3_str	BOBJ1	170	After	Interior Girder 1	10	0.95	1	1	7.69839
Type 3-3_str	BOBJ1	170	After	Interior Girder 2	10	0.95	1	1	7.194771
Type 3-3_str	BOBJ1	170	After	Interior Girder 3	10	0.95	1	1	6.636796
Type 3-3_str	BOBJ1	170	After	Interior Girder 4	10	0.95	1	1	6.645195
Type 3-3_str	BOBJ1	170	After	Interior Girder 5	10	0.95	1	1	7.18746
Type 3-3_str	BOBJ1	170	After	Interior Girder 6	10	0.95	1	1	7.69883
Type 3-3_str	BOBJ1	176	Before	Left Exterior Girder	16	0.95	1	1	8.911331
Type 3-3_str	BOBJ1	176	Before	Interior Girder 1	16	0.95	1	1	7.837826
Type 3-3_str	BOBJ1	176	Before	Interior Girder 2	16	0.95	1	1	7.32333
Type 3-3_str	BOBJ1	176	Before	Interior Girder 3	16	0.95	1	1	6.758538
Type 3-3_str	BOBJ1	176	Before	Interior Girder 4	16	0.95	1	1	6.767092
Type 3-3_str	BOBJ1	176	Before	Interior Girder 5	16	0.95	1	1	7.315888
Type 3-3_str	BOBJ1	176	Before	Interior Girder 6	16	0.95	1	1	7.838274
Type 3-3_str	BOBJ1	176	Before	Right Exterior Girder	16	0.95	1	1	8.925188
Type 3-3_str	BOBJ1	176	After	Left Exterior Girder	16	0.95	1	1	13.254823
Type 3-3_str	BOBJ1	176	After	Interior Girder 1	16	0.95	1	1	7.303238
Type 3-3_str	BOBJ1	176	After	Interior Girder 2	16	0.95	1	1	7.27588
Type 3-3_str	BOBJ1	176	After	Interior Girder 3	16	0.95	1	1	6.777165
Type 3-3_str	BOBJ1	176	After	Interior Girder 4	16	0.95	1	1	6.84825
Type 3-3_str	BOBJ1	176	After	Interior Girder 5	16	0.95	1	1	7.254661
Type 3-3_str	BOBJ1	176	After	Interior Girder 6	16	0.95	1	1	7.335058
Type 3-3_str	BOBJ1	176	After	Right Exterior Girder	16	0.95	1	1	13.264946
Type 3-3_str	BOBJ1	181	Before	Interior Girder 1	21	0.95	1	1	7.411571
Type 3-3_str	BOBJ1	181	Before	Interior Girder 2	21	0.95	1	1	7.382813
Type 3-3_str	BOBJ1	181	Before	Interior Girder 3	21	0.95	1	1	6.876772
Type 3-3_str	BOBJ1	181	Before	Interior Girder 4	21	0.95	1	1	6.948902
Type 3-3_str	BOBJ1	181	Before	Interior Girder 5	21	0.95	1	1	7.361281
Type 3-3_str	BOBJ1	181	Before	Interior Girder 6	21	0.95	1	1	7.443863
Type 3-3_str	BOBJ1	181	After	Interior Girder 1	21	0.95	1	1	10.367029

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Approach, Span 4-6									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Type 3-3_str	BOBJ1	181	After	Interior Girder 2	21	0.95	1	1	10.201273
Type 3-3_str	BOBJ1	181	After	Interior Girder 3	21	0.95	1	1	9.710402
Type 3-3_str	BOBJ1	181	After	Interior Girder 4	21	0.95	1	1	9.793645
Type 3-3_str	BOBJ1	181	After	Interior Girder 5	21	0.95	1	1	10.190113
Type 3-3_str	BOBJ1	181	After	Interior Girder 6	21	0.95	1	1	10.388216
Type 3-3_str	BOBJ1	184	Before	Left Exterior Girder	24	0.95	1	1	13.219088
Type 3-3_str	BOBJ1	184	Before	Interior Girder 1	24	0.95	1	1	10.447803
Type 3-3_str	BOBJ1	184	Before	Interior Girder 2	24	0.95	1	1	10.279851
Type 3-3_str	BOBJ1	184	Before	Interior Girder 3	24	0.95	1	1	9.785136
Type 3-3_str	BOBJ1	184	Before	Interior Girder 4	24	0.95	1	1	9.869019
Type 3-3_str	BOBJ1	184	Before	Interior Girder 5	24	0.95	1	1	10.268605
Type 3-3_str	BOBJ1	184	Before	Interior Girder 6	24	0.95	1	1	10.469155
Type 3-3_str	BOBJ1	184	Before	Right Exterior Girder	24	0.95	1	1	13.229839
Type 3-3_str	BOBJ1	184	After	Left Exterior Girder	24	0.95	1	1	15.667306
Type 3-3_str	BOBJ1	184	After	Interior Girder 1	24	0.95	1	1	14.457507
Type 3-3_str	BOBJ1	184	After	Interior Girder 2	24	0.95	1	1	13.916407
Type 3-3_str	BOBJ1	184	After	Interior Girder 3	24	0.95	1	1	13.838823
Type 3-3_str	BOBJ1	184	After	Interior Girder 4	24	0.95	1	1	13.881466
Type 3-3_str	BOBJ1	184	After	Interior Girder 5	24	0.95	1	1	13.920756
Type 3-3_str	BOBJ1	184	After	Interior Girder 6	24	0.95	1	1	14.451165
Type 3-3_str	BOBJ1	184	After	Right Exterior Girder	24	0.95	1	1	15.693468
Type 3-3_str	BOBJ1	192	Before	Left Exterior Girder	32	0.95	1	1	15.901018
Type 3-3_str	BOBJ1	192	Before	Interior Girder 1	32	0.95	1	1	14.753396
Type 3-3_str	BOBJ1	192	Before	Interior Girder 2	32	0.95	1	1	14.198748
Type 3-3_str	BOBJ1	192	Before	Interior Girder 3	32	0.95	1	1	14.119276
Type 3-3_str	BOBJ1	192	Before	Interior Girder 4	32	0.95	1	1	14.162783
Type 3-3_str	BOBJ1	192	Before	Interior Girder 5	32	0.95	1	1	14.203186
Type 3-3_str	BOBJ1	192	Before	Interior Girder 6	32	0.95	1	1	14.746925
Type 3-3_str	BOBJ1	192	Before	Right Exterior Girder	32	0.95	1	1	15.92757
Type 3-3_str	BOBJ1	192	After	Left Exterior Girder	32	0.95	1	1	28.044177
Type 3-3_str	BOBJ1	192	After	Interior Girder 1	32	0.95	1	1	16.496372
Type 3-3_str	BOBJ1	192	After	Interior Girder 2	32	0.95	1	1	15.442879
Type 3-3_str	BOBJ1	192	After	Interior Girder 3	32	0.95	1	1	13.687744
Type 3-3_str	BOBJ1	192	After	Interior Girder 4	32	0.95	1	1	13.84983
Type 3-3_str	BOBJ1	192	After	Interior Girder 5	32	0.95	1	1	15.395565
Type 3-3_str	BOBJ1	192	After	Interior Girder 6	32	0.95	1	1	16.586421
Type 3-3_str	BOBJ1	192	After	Right Exterior Girder	32	0.95	1	1	28.035414
Type 3-3_str	BOBJ1	200	Before	Left Exterior Girder	40	0.95	1	1	28.449556
Type 3-3_str	BOBJ1	200	Before	Interior Girder 1	40	0.95	1	1	16.822273
Type 3-3_str	BOBJ1	200	Before	Interior Girder 2	40	0.95	1	1	15.747751
Type 3-3_str	BOBJ1	200	Before	Interior Girder 3	40	0.95	1	1	13.957199
Type 3-3_str	BOBJ1	200	Before	Interior Girder 4	40	0.95	1	1	14.122476
Type 3-3_str	BOBJ1	200	Before	Interior Girder 5	40	0.95	1	1	15.699503
Type 3-3_str	BOBJ1	200	Before	Interior Girder 6	40	0.95	1	1	16.914101
Type 3-3_str	BOBJ1	200	Before	Right Exterior Girder	40	0.95	1	1	28.440666
Type 3-3_str	BOBJ1	200	After	Left Exterior Girder	40	0.95	1	1	36.615912
Type 3-3_str	BOBJ1	200	After	Interior Girder 1	40	0.95	1	1	23.505659
Type 3-3_str	BOBJ1	200	After	Interior Girder 2	40	0.95	1	1	20.829162
Type 3-3_str	BOBJ1	200	After	Interior Girder 3	40	0.95	1	1	17.574591
Type 3-3_str	BOBJ1	200	After	Interior Girder 4	40	0.95	1	1	17.827892
Type 3-3_str	BOBJ1	200	After	Interior Girder 5	40	0.95	1	1	20.734623
Type 3-3_str	BOBJ1	200	After	Interior Girder 6	40	0.95	1	1	23.645798
Type 3-3_str	BOBJ1	200	After	Right Exterior Girder	40	0.95	1	1	36.707681
Type 3-3_str	BOBJ1	208	Before	Left Exterior Girder	48	0.95	1	1	37.125888
Type 3-3_str	BOBJ1	208	Before	Interior Girder 1	48	0.95	1	1	23.075421
Type 3-3_str	BOBJ1	208	Before	Interior Girder 2	48	0.95	1	1	20.446979
Type 3-3_str	BOBJ1	208	Before	Interior Girder 3	48	0.95	1	1	17.251471
Type 3-3_str	BOBJ1	208	Before	Interior Girder 4	48	0.95	1	1	17.500115
Type 3-3_str	BOBJ1	208	Before	Interior Girder 5	48	0.95	1	1	20.354174
Type 3-3_str	BOBJ1	208	Before	Interior Girder 6	48	0.95	1	1	23.212995
Type 3-3_str	BOBJ1	208	Before	Right Exterior Girder	48	0.95	1	1	37.218934
Type 3-3_str	BOBJ1	208	After	Left Exterior Girder	48	0.95	1	1	25.907144
Type 3-3_str	BOBJ1	208	After	Interior Girder 1	48	0.95	1	1	22.338418
Type 3-3_str	BOBJ1	208	After	Interior Girder 2	48	0.95	1	1	20.572577
Type 3-3_str	BOBJ1	208	After	Interior Girder 3	48	0.95	1	1	19.353741

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Approach, Span 4-6									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Type 3-3_str	BOBJ1	208	After	Interior Girder 4	48	0.95	1	1	19.688495
Type 3-3_str	BOBJ1	208	After	Interior Girder 5	48	0.95	1	1	20.590403
Type 3-3_str	BOBJ1	208	After	Interior Girder 6	48	0.95	1	1	22.307365
Type 3-3_str	BOBJ1	208	After	Right Exterior Girder	48	0.95	1	1	25.94069
Type 3-3_str	BOBJ1	216	Before	Left Exterior Girder	56	0.95	1	1	25.550968
Type 3-3_str	BOBJ1	216	Before	Interior Girder 1	56	0.95	1	1	21.915729
Type 3-3_str	BOBJ1	216	Before	Interior Girder 2	56	0.95	1	1	20.184441
Type 3-3_str	BOBJ1	216	Before	Interior Girder 3	56	0.95	1	1	19.715358
Type 3-3_str	BOBJ1	216	Before	Interior Girder 4	56	0.95	1	1	19.913524
Type 3-3_str	BOBJ1	216	Before	Interior Girder 5	56	0.95	1	1	20.20193
Type 3-3_str	BOBJ1	216	Before	Interior Girder 6	56	0.95	1	1	21.885264
Type 3-3_str	BOBJ1	216	Before	Right Exterior Girder	56	0.95	1	1	25.584052
Type 3-3_str	BOBJ1	216	After	Left Exterior Girder	56	0.95	1	1	20.991049
Type 3-3_str	BOBJ1	216	After	Interior Girder 1	56	0.95	1	1	14.78728
Type 3-3_str	BOBJ1	216	After	Interior Girder 2	56	0.95	1	1	14.043009
Type 3-3_str	BOBJ1	216	After	Interior Girder 3	56	0.95	1	1	12.88257
Type 3-3_str	BOBJ1	216	After	Interior Girder 4	56	0.95	1	1	13.025575
Type 3-3_str	BOBJ1	216	After	Interior Girder 5	56	0.95	1	1	14.005157
Type 3-3_str	BOBJ1	216	After	Interior Girder 6	56	0.95	1	1	14.849
Type 3-3_str	BOBJ1	216	After	Right Exterior Girder	56	0.95	1	1	20.981722
Type 3-3_str	BOBJ1	224	Before	Left Exterior Girder	64	0.95	1	1	20.691641
Type 3-3_str	BOBJ1	224	Before	Interior Girder 1	64	0.95	1	1	14.500617
Type 3-3_str	BOBJ1	224	Before	Interior Girder 2	64	0.95	1	1	13.77106
Type 3-3_str	BOBJ1	224	Before	Interior Girder 3	64	0.95	1	1	12.633191
Type 3-3_str	BOBJ1	224	Before	Interior Girder 4	64	0.95	1	1	12.773428
Type 3-3_str	BOBJ1	224	Before	Interior Girder 5	64	0.95	1	1	13.733941
Type 3-3_str	BOBJ1	224	Before	Interior Girder 6	64	0.95	1	1	14.561141
Type 3-3_str	BOBJ1	224	Before	Right Exterior Girder	64	0.95	1	1	20.682447
Type 3-3_str	BOBJ1	224	After	Left Exterior Girder	64	0.95	1	1	13.442423
Type 3-3_str	BOBJ1	224	After	Interior Girder 1	64	0.95	1	1	12.969707
Type 3-3_str	BOBJ1	224	After	Interior Girder 2	64	0.95	1	1	12.373812
Type 3-3_str	BOBJ1	224	After	Interior Girder 3	64	0.95	1	1	11.861402
Type 3-3_str	BOBJ1	224	After	Interior Girder 4	64	0.95	1	1	11.897566
Type 3-3_str	BOBJ1	224	After	Interior Girder 5	64	0.95	1	1	12.37388
Type 3-3_str	BOBJ1	224	After	Interior Girder 6	64	0.95	1	1	12.966804
Type 3-3_str	BOBJ1	224	After	Right Exterior Girder	64	0.95	1	1	13.463726
Type 3-3_str	BOBJ1	232	Before	Left Exterior Girder	72	0.95	1	1	13.243938
Type 3-3_str	BOBJ1	232	Before	Interior Girder 1	72	0.95	1	1	12.710405
Type 3-3_str	BOBJ1	232	Before	Interior Girder 2	72	0.95	1	1	12.128293
Type 3-3_str	BOBJ1	232	Before	Interior Girder 3	72	0.95	1	1	11.624526
Type 3-3_str	BOBJ1	232	Before	Interior Girder 4	72	0.95	1	1	11.659969
Type 3-3_str	BOBJ1	232	Before	Interior Girder 5	72	0.95	1	1	12.12836
Type 3-3_str	BOBJ1	232	Before	Interior Girder 6	72	0.95	1	1	12.707559
Type 3-3_str	BOBJ1	232	Before	Right Exterior Girder	72	0.95	1	1	13.264926
Type 3-3_str	BOBJ1	232	After	Left Exterior Girder	72	0.95	1	1	11.427392
Type 3-3_str	BOBJ1	232	After	Interior Girder 1	72	0.95	1	1	9.096963
Type 3-3_str	BOBJ1	232	After	Interior Girder 2	72	0.95	1	1	8.853625
Type 3-3_str	BOBJ1	232	After	Interior Girder 3	72	0.95	1	1	7.972285
Type 3-3_str	BOBJ1	232	After	Interior Girder 4	72	0.95	1	1	8.048526
Type 3-3_str	BOBJ1	232	After	Interior Girder 5	72	0.95	1	1	8.826337
Type 3-3_str	BOBJ1	232	After	Interior Girder 6	72	0.95	1	1	9.135236
Type 3-3_str	BOBJ1	232	After	Right Exterior Girder	72	0.95	1	1	11.441551
Type 3-3_str	BOBJ1	240	Before	Left Exterior Girder	80	0.95	1	1	11.25156
Type 3-3_str	BOBJ1	240	Before	Interior Girder 1	80	0.95	1	1	8.910617
Type 3-3_str	BOBJ1	240	Before	Interior Girder 2	80	0.95	1	1	8.673334
Type 3-3_str	BOBJ1	240	Before	Interior Girder 3	80	0.95	1	1	7.808483
Type 3-3_str	BOBJ1	240	Before	Interior Girder 4	80	0.95	1	1	7.883158
Type 3-3_str	BOBJ1	240	Before	Interior Girder 5	80	0.95	1	1	8.646602
Type 3-3_str	BOBJ1	240	Before	Interior Girder 6	80	0.95	1	1	8.948105
Type 3-3_str	BOBJ1	240	Before	Right Exterior Girder	80	0.95	1	1	11.265502
EV2_str	BOBJ1	0	After	Left Exterior Girder	0	0.95	1	1	11.632246
EV2_str	BOBJ1	0	After	Interior Girder 1	0	0.95	1	1	8.442781
EV2_str	BOBJ1	0	After	Interior Girder 2	0	0.95	1	1	7.848642
EV2_str	BOBJ1	0	After	Interior Girder 3	0	0.95	1	1	7.107636
EV2_str	BOBJ1	0	After	Interior Girder 4	0	0.95	1	1	7.174092

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Approach, Span 4-6									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
EV2_str	BOBJ1	0	After	Interior Girder 5	0	0.95	1	1	7.816984
EV2_str	BOBJ1	0	After	Interior Girder 6	0	0.95	1	1	8.482694
EV2_str	BOBJ1	0	After	Right Exterior Girder	0	0.95	1	1	11.648354
EV2_str	BOBJ1	8	Before	Left Exterior Girder	8	0.95	1	1	11.806111
EV2_str	BOBJ1	8	Before	Interior Girder 1	8	0.95	1	1	8.613429
EV2_str	BOBJ1	8	Before	Interior Girder 2	8	0.95	1	1	8.006393
EV2_str	BOBJ1	8	Before	Interior Girder 3	8	0.95	1	1	7.251146
EV2_str	BOBJ1	8	Before	Interior Girder 4	8	0.95	1	1	7.318944
EV2_str	BOBJ1	8	Before	Interior Girder 5	8	0.95	1	1	7.974098
EV2_str	BOBJ1	8	Before	Interior Girder 6	8	0.95	1	1	8.654149
EV2_str	BOBJ1	8	Before	Right Exterior Girder	8	0.95	1	1	11.82246
EV2_str	BOBJ1	8	After	Left Exterior Girder	8	0.95	1	1	12.959812
EV2_str	BOBJ1	8	After	Interior Girder 1	8	0.95	1	1	12.00023
EV2_str	BOBJ1	8	After	Interior Girder 2	8	0.95	1	1	10.962024
EV2_str	BOBJ1	8	After	Interior Girder 3	8	0.95	1	1	10.67923
EV2_str	BOBJ1	8	After	Interior Girder 4	8	0.95	1	1	10.69702
EV2_str	BOBJ1	8	After	Interior Girder 5	8	0.95	1	1	10.956432
EV2_str	BOBJ1	8	After	Interior Girder 6	8	0.95	1	1	11.991467
EV2_str	BOBJ1	8	After	Right Exterior Girder	8	0.95	1	1	12.976924
EV2_str	BOBJ1	16	Before	Left Exterior Girder	16	0.95	1	1	13.146147
EV2_str	BOBJ1	16	Before	Interior Girder 1	16	0.95	1	1	12.236879
EV2_str	BOBJ1	16	Before	Interior Girder 2	16	0.95	1	1	11.176789
EV2_str	BOBJ1	16	Before	Interior Girder 3	16	0.95	1	1	10.888985
EV2_str	BOBJ1	16	Before	Interior Girder 4	16	0.95	1	1	10.907124
EV2_str	BOBJ1	16	Before	Interior Girder 5	16	0.95	1	1	11.171088
EV2_str	BOBJ1	16	Before	Interior Girder 6	16	0.95	1	1	12.227943
EV2_str	BOBJ1	16	Before	Right Exterior Girder	16	0.95	1	1	13.163505
EV2_str	BOBJ1	16	After	Left Exterior Girder	16	0.95	1	1	17.911989
EV2_str	BOBJ1	16	After	Interior Girder 1	16	0.95	1	1	13.160425
EV2_str	BOBJ1	16	After	Interior Girder 2	16	0.95	1	1	11.442601
EV2_str	BOBJ1	16	After	Interior Girder 3	16	0.95	1	1	10.24355
EV2_str	BOBJ1	16	After	Interior Girder 4	16	0.95	1	1	10.376772
EV2_str	BOBJ1	16	After	Interior Girder 5	16	0.95	1	1	11.394311
EV2_str	BOBJ1	16	After	Interior Girder 6	16	0.95	1	1	13.238412
EV2_str	BOBJ1	16	After	Right Exterior Girder	16	0.95	1	1	17.933755
EV2_str	BOBJ1	20.5	Before	Left Exterior Girder	20.5	0.95	1	1	18.053236
EV2_str	BOBJ1	20.5	Before	Right Exterior Girder	20.5	0.95	1	1	18.075174
EV2_str	BOBJ1	20.5	After	Left Exterior Girder	20.5	0.95	1	1	20.245684
EV2_str	BOBJ1	20.5	After	Right Exterior Girder	20.5	0.95	1	1	20.27552
EV2_str	BOBJ1	24	Before	Left Exterior Girder	24	0.95	1	1	20.380967
EV2_str	BOBJ1	24	Before	Interior Girder 1	24	0.95	1	1	12.441833
EV2_str	BOBJ1	24	Before	Interior Girder 2	24	0.95	1	1	11.661463
EV2_str	BOBJ1	24	Before	Interior Girder 3	24	0.95	1	1	10.439056
EV2_str	BOBJ1	24	Before	Interior Girder 4	24	0.95	1	1	10.57482
EV2_str	BOBJ1	24	Before	Interior Girder 5	24	0.95	1	1	11.612249
EV2_str	BOBJ1	24	Before	Interior Girder 6	24	0.95	1	1	12.507318
EV2_str	BOBJ1	24	Before	Right Exterior Girder	24	0.95	1	1	20.411003
EV2_str	BOBJ1	24	After	Left Exterior Girder	24	0.95	1	1	22.152888
EV2_str	BOBJ1	24	After	Interior Girder 1	24	0.95	1	1	17.944577
EV2_str	BOBJ1	24	After	Interior Girder 2	24	0.95	1	1	15.857765
EV2_str	BOBJ1	24	After	Interior Girder 3	24	0.95	1	1	13.202914
EV2_str	BOBJ1	24	After	Interior Girder 4	24	0.95	1	1	13.423814
EV2_str	BOBJ1	24	After	Interior Girder 5	24	0.95	1	1	15.74973
EV2_str	BOBJ1	24	After	Interior Girder 6	24	0.95	1	1	17.959589
EV2_str	BOBJ1	24	After	Right Exterior Girder	24	0.95	1	1	22.190387
EV2_str	BOBJ1	32	Before	Left Exterior Girder	32	0.95	1	1	22.483823
EV2_str	BOBJ1	32	Before	Interior Girder 1	32	0.95	1	1	17.625496
EV2_str	BOBJ1	32	Before	Interior Girder 2	32	0.95	1	1	15.575896
EV2_str	BOBJ1	32	Before	Interior Girder 3	32	0.95	1	1	12.967912
EV2_str	BOBJ1	32	Before	Interior Girder 4	32	0.95	1	1	13.18488
EV2_str	BOBJ1	32	Before	Interior Girder 5	32	0.95	1	1	15.469781
EV2_str	BOBJ1	32	Before	Interior Girder 6	32	0.95	1	1	17.640242
EV2_str	BOBJ1	32	Before	Right Exterior Girder	32	0.95	1	1	22.521881
EV2_str	BOBJ1	32	After	Left Exterior Girder	32	0.95	1	1	26.776201
EV2_str	BOBJ1	32	After	Interior Girder 1	32	0.95	1	1	16.615047

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Approach, Span 4-6									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
EV2_str	BOBJ1	32	After	Interior Girder 2	32	0.95	1	1	14.985856
EV2_str	BOBJ1	32	After	Interior Girder 3	32	0.95	1	1	12.685014
EV2_str	BOBJ1	32	After	Interior Girder 4	32	0.95	1	1	12.886653
EV2_str	BOBJ1	32	After	Interior Girder 5	32	0.95	1	1	14.892608
EV2_str	BOBJ1	32	After	Interior Girder 6	32	0.95	1	1	16.622277
EV2_str	BOBJ1	32	After	Right Exterior Girder	32	0.95	1	1	26.776201
EV2_str	BOBJ1	40	Before	Left Exterior Girder	40	0.95	1	1	26.382102
EV2_str	BOBJ1	40	Before	Interior Girder 1	40	0.95	1	1	16.916231
EV2_str	BOBJ1	40	Before	Interior Girder 2	40	0.95	1	1	15.257445
EV2_str	BOBJ1	40	Before	Interior Girder 3	40	0.95	1	1	12.915209
EV2_str	BOBJ1	40	Before	Interior Girder 4	40	0.95	1	1	13.120507
EV2_str	BOBJ1	40	Before	Interior Girder 5	40	0.95	1	1	15.162507
EV2_str	BOBJ1	40	Before	Interior Girder 6	40	0.95	1	1	16.923592
EV2_str	BOBJ1	40	Before	Right Exterior Girder	40	0.95	1	1	26.382102
EV2_str	BOBJ1	40	After	Left Exterior Girder	40	0.95	1	1	22.541626
EV2_str	BOBJ1	40	After	Interior Girder 1	40	0.95	1	1	13.13298
EV2_str	BOBJ1	40	After	Interior Girder 2	40	0.95	1	1	11.807188
EV2_str	BOBJ1	40	After	Interior Girder 3	40	0.95	1	1	10.332887
EV2_str	BOBJ1	40	After	Interior Girder 4	40	0.95	1	1	10.466728
EV2_str	BOBJ1	40	After	Interior Girder 5	40	0.95	1	1	11.745776
EV2_str	BOBJ1	40	After	Interior Girder 6	40	0.95	1	1	13.209984
EV2_str	BOBJ1	40	After	Right Exterior Girder	40	0.95	1	1	22.541626
EV2_str	BOBJ1	46.5	Before	Left Exterior Girder	46.5	0.95	1	1	22.26254
EV2_str	BOBJ1	46.5	Before	Right Exterior Girder	46.5	0.95	1	1	22.26254
EV2_str	BOBJ1	46.5	After	Left Exterior Girder	46.5	0.95	1	1	17.286385
EV2_str	BOBJ1	46.5	After	Right Exterior Girder	46.5	0.95	1	1	17.286385
EV2_str	BOBJ1	48	Before	Left Exterior Girder	48	0.95	1	1	17.240279
EV2_str	BOBJ1	48	Before	Interior Girder 1	48	0.95	1	1	15.048829
EV2_str	BOBJ1	48	Before	Interior Girder 2	48	0.95	1	1	11.585905
EV2_str	BOBJ1	48	Before	Interior Girder 3	48	0.95	1	1	10.139663
EV2_str	BOBJ1	48	Before	Interior Girder 4	48	0.95	1	1	10.271001
EV2_str	BOBJ1	48	Before	Interior Girder 5	48	0.95	1	1	11.525644
EV2_str	BOBJ1	48	Before	Interior Girder 6	48	0.95	1	1	15.09973
EV2_str	BOBJ1	48	Before	Right Exterior Girder	48	0.95	1	1	17.240279
EV2_str	BOBJ1	48	After	Left Exterior Girder	48	0.95	1	1	14.789302
EV2_str	BOBJ1	48	After	Interior Girder 1	48	0.95	1	1	12.935649
EV2_str	BOBJ1	48	After	Interior Girder 2	48	0.95	1	1	11.981492
EV2_str	BOBJ1	48	After	Interior Girder 3	48	0.95	1	1	11.72998
EV2_str	BOBJ1	48	After	Interior Girder 4	48	0.95	1	1	11.769202
EV2_str	BOBJ1	48	After	Interior Girder 5	48	0.95	1	1	11.974196
EV2_str	BOBJ1	48	After	Interior Girder 6	48	0.95	1	1	12.928091
EV2_str	BOBJ1	48	After	Right Exterior Girder	48	0.95	1	1	14.812495
EV2_str	BOBJ1	56	Before	Left Exterior Girder	56	0.95	1	1	14.579872
EV2_str	BOBJ1	56	Before	Interior Girder 1	56	0.95	1	1	12.685611
EV2_str	BOBJ1	56	Before	Interior Girder 2	56	0.95	1	1	11.751225
EV2_str	BOBJ1	56	Before	Interior Girder 3	56	0.95	1	1	11.504625
EV2_str	BOBJ1	56	Before	Interior Girder 4	56	0.95	1	1	11.543093
EV2_str	BOBJ1	56	Before	Interior Girder 5	56	0.95	1	1	11.74407
EV2_str	BOBJ1	56	Before	Interior Girder 6	56	0.95	1	1	12.678199
EV2_str	BOBJ1	56	Before	Right Exterior Girder	56	0.95	1	1	14.602737
EV2_str	BOBJ1	56	After	Left Exterior Girder	56	0.95	1	1	13.138955
EV2_str	BOBJ1	56	After	Interior Girder 1	56	0.95	1	1	9.648389
EV2_str	BOBJ1	56	After	Interior Girder 2	56	0.95	1	1	8.969406
EV2_str	BOBJ1	56	After	Interior Girder 3	56	0.95	1	1	8.126308
EV2_str	BOBJ1	56	After	Interior Girder 4	56	0.95	1	1	8.227899
EV2_str	BOBJ1	56	After	Interior Girder 5	56	0.95	1	1	8.947632
EV2_str	BOBJ1	56	After	Interior Girder 6	56	0.95	1	1	9.674065
EV2_str	BOBJ1	56	After	Right Exterior Girder	56	0.95	1	1	13.157865
EV2_str	BOBJ1	59	Before	Interior Girder 1	59	0.95	1	1	9.576594
EV2_str	BOBJ1	59	Before	Interior Girder 2	59	0.95	1	1	8.90321
EV2_str	BOBJ1	59	Before	Interior Girder 3	59	0.95	1	1	8.066334
EV2_str	BOBJ1	59	Before	Interior Girder 4	59	0.95	1	1	8.167175
EV2_str	BOBJ1	59	Before	Interior Girder 5	59	0.95	1	1	8.881596
EV2_str	BOBJ1	59	Before	Interior Girder 6	59	0.95	1	1	9.602079
EV2_str	BOBJ1	59	After	Interior Girder 1	59	0.95	1	1	6.578261

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Approach, Span 4-6									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
EV2_str	BOBJ1	59	After	Interior Girder 2	59	0.95	1	1	6.191797
EV2_str	BOBJ1	59	After	Interior Girder 3	59	0.95	1	1	5.463784
EV2_str	BOBJ1	59	After	Interior Girder 4	59	0.95	1	1	5.535771
EV2_str	BOBJ1	59	After	Interior Girder 5	59	0.95	1	1	6.16801
EV2_str	BOBJ1	59	After	Interior Girder 6	59	0.95	1	1	6.611242
EV2_str	BOBJ1	64	Before	Left Exterior Girder	64	0.95	1	1	13.438505
EV2_str	BOBJ1	64	Before	Interior Girder 1	64	0.95	1	1	6.482261
EV2_str	BOBJ1	64	Before	Interior Girder 2	64	0.95	1	1	6.102048
EV2_str	BOBJ1	64	Before	Interior Girder 3	64	0.95	1	1	5.384496
EV2_str	BOBJ1	64	Before	Interior Girder 4	64	0.95	1	1	5.455439
EV2_str	BOBJ1	64	Before	Interior Girder 5	64	0.95	1	1	6.078606
EV2_str	BOBJ1	64	Before	Interior Girder 6	64	0.95	1	1	6.514761
EV2_str	BOBJ1	64	Before	Right Exterior Girder	64	0.95	1	1	13.457195
EV2_str	BOBJ1	64	After	Left Exterior Girder	64	0.95	1	1	9.63276
EV2_str	BOBJ1	64	After	Interior Girder 1	64	0.95	1	1	7.242846
EV2_str	BOBJ1	64	After	Interior Girder 2	64	0.95	1	1	6.580955
EV2_str	BOBJ1	64	After	Interior Girder 3	64	0.95	1	1	5.90441
EV2_str	BOBJ1	64	After	Interior Girder 4	64	0.95	1	1	5.923728
EV2_str	BOBJ1	64	After	Interior Girder 5	64	0.95	1	1	6.576562
EV2_str	BOBJ1	64	After	Interior Girder 6	64	0.95	1	1	7.23843
EV2_str	BOBJ1	64	After	Right Exterior Girder	64	0.95	1	1	9.642161
EV2_str	BOBJ1	69	Before	Interior Girder 1	69	0.95	1	1	7.135269
EV2_str	BOBJ1	69	Before	Interior Girder 2	69	0.95	1	1	6.484716
EV2_str	BOBJ1	69	Before	Interior Girder 3	69	0.95	1	1	5.81575
EV2_str	BOBJ1	69	Before	Interior Girder 4	69	0.95	1	1	5.834777
EV2_str	BOBJ1	69	Before	Interior Girder 5	69	0.95	1	1	6.480386
EV2_str	BOBJ1	69	Before	Interior Girder 6	69	0.95	1	1	7.130919
EV2_str	BOBJ1	69	After	Interior Girder 1	69	0.95	1	1	5.953534
EV2_str	BOBJ1	69	After	Interior Girder 2	69	0.95	1	1	5.5609
EV2_str	BOBJ1	69	After	Interior Girder 3	69	0.95	1	1	4.781345
EV2_str	BOBJ1	69	After	Interior Girder 4	69	0.95	1	1	4.818428
EV2_str	BOBJ1	69	After	Interior Girder 5	69	0.95	1	1	5.549751
EV2_str	BOBJ1	69	After	Interior Girder 6	69	0.95	1	1	5.963933
EV2_str	BOBJ1	72	Before	Left Exterior Girder	72	0.95	1	1	6.644374
EV2_str	BOBJ1	72	Before	Interior Girder 1	72	0.95	1	1	5.892616
EV2_str	BOBJ1	72	Before	Interior Girder 2	72	0.95	1	1	5.5051
EV2_str	BOBJ1	72	Before	Interior Girder 3	72	0.95	1	1	4.731914
EV2_str	BOBJ1	72	Before	Interior Girder 4	72	0.95	1	1	4.768614
EV2_str	BOBJ1	72	Before	Interior Girder 5	72	0.95	1	1	5.494063
EV2_str	BOBJ1	72	Before	Interior Girder 6	72	0.95	1	1	5.902908
EV2_str	BOBJ1	72	Before	Right Exterior Girder	72	0.95	1	1	6.651784
EV2_str	BOBJ1	72	After	Left Exterior Girder	72	0.95	1	1	6.200764
EV2_str	BOBJ1	72	After	Interior Girder 1	72	0.95	1	1	6.302503
EV2_str	BOBJ1	72	After	Interior Girder 2	72	0.95	1	1	5.038428
EV2_str	BOBJ1	72	After	Interior Girder 3	72	0.95	1	1	4.200727
EV2_str	BOBJ1	72	After	Interior Girder 4	72	0.95	1	1	4.244881
EV2_str	BOBJ1	72	After	Interior Girder 5	72	0.95	1	1	5.015891
EV2_str	BOBJ1	72	After	Interior Girder 6	72	0.95	1	1	6.332259
EV2_str	BOBJ1	72	After	Right Exterior Girder	72	0.95	1	1	6.207334
EV2_str	BOBJ1	72.5	Before	Left Exterior Girder	72.5	0.95	1	1	6.194126
EV2_str	BOBJ1	72.5	Before	Right Exterior Girder	72.5	0.95	1	1	6.200689
EV2_str	BOBJ1	72.5	After	Left Exterior Girder	72.5	0.95	1	1	9.049029
EV2_str	BOBJ1	72.5	After	Right Exterior Girder	72.5	0.95	1	1	9.057952
EV2_str	BOBJ1	80	Before	Left Exterior Girder	80	0.95	1	1	8.892582
EV2_str	BOBJ1	80	Before	Interior Girder 1	80	0.95	1	1	5.313895
EV2_str	BOBJ1	80	Before	Interior Girder 2	80	0.95	1	1	4.901746
EV2_str	BOBJ1	80	Before	Interior Girder 3	80	0.95	1	1	4.082643
EV2_str	BOBJ1	80	Before	Interior Girder 4	80	0.95	1	1	4.125556
EV2_str	BOBJ1	80	Before	Interior Girder 5	80	0.95	1	1	4.87982
EV2_str	BOBJ1	80	Before	Interior Girder 6	80	0.95	1	1	5.343934
EV2_str	BOBJ1	80	Before	Right Exterior Girder	80	0.95	1	1	8.901351
EV2_str	BOBJ1	80	After	Left Exterior Girder	0	0.95	1	1	9.975711
EV2_str	BOBJ1	80	After	Interior Girder 1	0	0.95	1	1	5.654393
EV2_str	BOBJ1	80	After	Interior Girder 2	0	0.95	1	1	5.256302
EV2_str	BOBJ1	80	After	Interior Girder 3	0	0.95	1	1	4.355452

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Approach, Span 4-6									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
EV2_str	BOBJ1	80	After	Interior Girder 4	0	0.95	1	1	4.402013
EV2_str	BOBJ1	80	After	Interior Girder 5	0	0.95	1	1	5.232536
EV2_str	BOBJ1	80	After	Interior Girder 6	0	0.95	1	1	5.686418
EV2_str	BOBJ1	80	After	Right Exterior Girder	0	0.95	1	1	9.984496
EV2_str	BOBJ1	87.5	Before	Left Exterior Girder	7.5	0.95	1	1	10.143196
EV2_str	BOBJ1	87.5	Before	Right Exterior Girder	7.5	0.95	1	1	10.152129
EV2_str	BOBJ1	87.5	After	Left Exterior Girder	7.5	0.95	1	1	7.629328
EV2_str	BOBJ1	87.5	After	Right Exterior Girder	7.5	0.95	1	1	7.636291
EV2_str	BOBJ1	88	Before	Left Exterior Girder	8	0.95	1	1	7.636828
EV2_str	BOBJ1	88	Before	Interior Girder 1	8	0.95	1	1	6.200426
EV2_str	BOBJ1	88	Before	Interior Girder 2	8	0.95	1	1	5.396465
EV2_str	BOBJ1	88	Before	Interior Girder 3	8	0.95	1	1	4.475775
EV2_str	BOBJ1	88	Before	Interior Girder 4	8	0.95	1	1	4.523622
EV2_str	BOBJ1	88	Before	Interior Girder 5	8	0.95	1	1	5.372064
EV2_str	BOBJ1	88	Before	Interior Girder 6	8	0.95	1	1	6.229241
EV2_str	BOBJ1	88	Before	Right Exterior Girder	8	0.95	1	1	7.643798
EV2_str	BOBJ1	88	After	Left Exterior Girder	8	0.95	1	1	8.156531
EV2_str	BOBJ1	88	After	Interior Girder 1	8	0.95	1	1	6.333723
EV2_str	BOBJ1	88	After	Interior Girder 2	8	0.95	1	1	5.940293
EV2_str	BOBJ1	88	After	Interior Girder 3	8	0.95	1	1	5.095103
EV2_str	BOBJ1	88	After	Interior Girder 4	8	0.95	1	1	5.147398
EV2_str	BOBJ1	88	After	Interior Girder 5	8	0.95	1	1	5.928112
EV2_str	BOBJ1	88	After	Interior Girder 6	8	0.95	1	1	6.344901
EV2_str	BOBJ1	88	After	Right Exterior Girder	8	0.95	1	1	8.164445
EV2_str	BOBJ1	91	Before	Interior Girder 1	11	0.95	1	1	6.396096
EV2_str	BOBJ1	91	Before	Interior Girder 2	11	0.95	1	1	5.997958
EV2_str	BOBJ1	91	Before	Interior Girder 3	11	0.95	1	1	5.146023
EV2_str	BOBJ1	91	Before	Interior Girder 4	11	0.95	1	1	5.198841
EV2_str	BOBJ1	91	Before	Interior Girder 5	11	0.95	1	1	5.985658
EV2_str	BOBJ1	91	Before	Interior Girder 6	11	0.95	1	1	6.407385
EV2_str	BOBJ1	91	After	Interior Girder 1	11	0.95	1	1	7.742842
EV2_str	BOBJ1	91	After	Interior Girder 2	11	0.95	1	1	7.100518
EV2_str	BOBJ1	91	After	Interior Girder 3	11	0.95	1	1	6.390878
EV2_str	BOBJ1	91	After	Interior Girder 4	11	0.95	1	1	6.412505
EV2_str	BOBJ1	91	After	Interior Girder 5	11	0.95	1	1	7.095986
EV2_str	BOBJ1	91	After	Interior Girder 6	11	0.95	1	1	7.73757
EV2_str	BOBJ1	96	Before	Left Exterior Girder	16	0.95	1	1	11.17901
EV2_str	BOBJ1	96	Before	Interior Girder 1	16	0.95	1	1	7.854415
EV2_str	BOBJ1	96	Before	Interior Girder 2	16	0.95	1	1	7.201506
EV2_str	BOBJ1	96	Before	Interior Girder 3	16	0.95	1	1	6.484153
EV2_str	BOBJ1	96	Before	Interior Girder 4	16	0.95	1	1	6.506096
EV2_str	BOBJ1	96	Before	Interior Girder 5	16	0.95	1	1	7.196911
EV2_str	BOBJ1	96	Before	Interior Girder 6	16	0.95	1	1	7.849067
EV2_str	BOBJ1	96	Before	Right Exterior Girder	16	0.95	1	1	11.188962
EV2_str	BOBJ1	96	After	Left Exterior Girder	16	0.95	1	1	11.090778
EV2_str	BOBJ1	96	After	Interior Girder 1	16	0.95	1	1	7.92266
EV2_str	BOBJ1	96	After	Interior Girder 2	16	0.95	1	1	7.495653
EV2_str	BOBJ1	96	After	Interior Girder 3	16	0.95	1	1	6.830785
EV2_str	BOBJ1	96	After	Interior Girder 4	16	0.95	1	1	6.905711
EV2_str	BOBJ1	96	After	Interior Girder 5	16	0.95	1	1	7.465065
EV2_str	BOBJ1	96	After	Interior Girder 6	16	0.95	1	1	7.962112
EV2_str	BOBJ1	96	After	Right Exterior Girder	16	0.95	1	1	11.105321
EV2_str	BOBJ1	104	Before	Left Exterior Girder	24	0.95	1	1	11.27628
EV2_str	BOBJ1	104	Before	Interior Girder 1	24	0.95	1	1	8.101951
EV2_str	BOBJ1	104	Before	Interior Girder 2	24	0.95	1	1	7.664666
EV2_str	BOBJ1	104	Before	Interior Girder 3	24	0.95	1	1	6.984787
EV2_str	BOBJ1	104	Before	Interior Girder 4	24	0.95	1	1	7.061402
EV2_str	BOBJ1	104	Before	Interior Girder 5	24	0.95	1	1	7.633388
EV2_str	BOBJ1	104	Before	Interior Girder 6	24	0.95	1	1	8.142296
EV2_str	BOBJ1	104	Before	Right Exterior Girder	24	0.95	1	1	11.291066
EV2_str	BOBJ1	104	After	Left Exterior Girder	24	0.95	1	1	12.844448
EV2_str	BOBJ1	104	After	Interior Girder 1	24	0.95	1	1	11.379407
EV2_str	BOBJ1	104	After	Interior Girder 2	24	0.95	1	1	10.615004
EV2_str	BOBJ1	104	After	Interior Girder 3	24	0.95	1	1	10.460914
EV2_str	BOBJ1	104	After	Interior Girder 4	24	0.95	1	1	10.49093

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Approach, Span 4-6									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
EV2_str	BOBJ1	104	After	Interior Girder 5	24	0.95	1	1	10.610447
EV2_str	BOBJ1	104	After	Interior Girder 6	24	0.95	1	1	11.36953
EV2_str	BOBJ1	104	After	Right Exterior Girder	24	0.95	1	1	12.865134
EV2_str	BOBJ1	112	Before	Left Exterior Girder	32	0.95	1	1	13.04913
EV2_str	BOBJ1	112	Before	Interior Girder 1	32	0.95	1	1	11.629733
EV2_str	BOBJ1	112	Before	Interior Girder 2	32	0.95	1	1	10.847177
EV2_str	BOBJ1	112	Before	Interior Girder 3	32	0.95	1	1	10.689547
EV2_str	BOBJ1	112	Before	Interior Girder 4	32	0.95	1	1	10.720219
EV2_str	BOBJ1	112	Before	Interior Girder 5	32	0.95	1	1	10.84252
EV2_str	BOBJ1	112	Before	Interior Girder 6	32	0.95	1	1	11.619638
EV2_str	BOBJ1	112	Before	Right Exterior Girder	32	0.95	1	1	13.070146
EV2_str	BOBJ1	112	After	Left Exterior Girder	32	0.95	1	1	22.068648
EV2_str	BOBJ1	112	After	Interior Girder 1	32	0.95	1	1	11.594183
EV2_str	BOBJ1	112	After	Interior Girder 2	32	0.95	1	1	10.530025
EV2_str	BOBJ1	112	After	Interior Girder 3	32	0.95	1	1	9.077148
EV2_str	BOBJ1	112	After	Interior Girder 4	32	0.95	1	1	9.202095
EV2_str	BOBJ1	112	After	Interior Girder 5	32	0.95	1	1	10.468372
EV2_str	BOBJ1	112	After	Interior Girder 6	32	0.95	1	1	11.600274
EV2_str	BOBJ1	112	After	Right Exterior Girder	32	0.95	1	1	22.068648
EV2_str	BOBJ1	120	Before	Left Exterior Girder	40	0.95	1	1	22.406635
EV2_str	BOBJ1	120	Before	Interior Girder 1	40	0.95	1	1	11.839825
EV2_str	BOBJ1	120	Before	Interior Girder 2	40	0.95	1	1	10.753351
EV2_str	BOBJ1	120	Before	Interior Girder 3	40	0.95	1	1	9.269556
EV2_str	BOBJ1	120	Before	Interior Girder 4	40	0.95	1	1	9.397151
EV2_str	BOBJ1	120	Before	Interior Girder 5	40	0.95	1	1	10.690391
EV2_str	BOBJ1	120	Before	Interior Girder 6	40	0.95	1	1	11.846046
EV2_str	BOBJ1	120	Before	Right Exterior Girder	40	0.95	1	1	22.406635
EV2_str	BOBJ1	120	After	Left Exterior Girder	40	0.95	1	1	23.292767
EV2_str	BOBJ1	120	After	Interior Girder 1	40	0.95	1	1	11.947211
EV2_str	BOBJ1	120	After	Interior Girder 2	40	0.95	1	1	10.848216
EV2_str	BOBJ1	120	After	Interior Girder 3	40	0.95	1	1	9.332223
EV2_str	BOBJ1	120	After	Interior Girder 4	40	0.95	1	1	9.461623
EV2_str	BOBJ1	120	After	Interior Girder 5	40	0.95	1	1	10.784248
EV2_str	BOBJ1	120	After	Interior Girder 6	40	0.95	1	1	11.950219
EV2_str	BOBJ1	120	After	Right Exterior Girder	40	0.95	1	1	23.292767
EV2_str	BOBJ1	128	Before	Left Exterior Girder	48	0.95	1	1	22.94219
EV2_str	BOBJ1	128	Before	Interior Girder 1	48	0.95	1	1	11.699546
EV2_str	BOBJ1	128	Before	Interior Girder 2	48	0.95	1	1	10.623091
EV2_str	BOBJ1	128	Before	Interior Girder 3	48	0.95	1	1	9.13862
EV2_str	BOBJ1	128	Before	Interior Girder 4	48	0.95	1	1	9.265335
EV2_str	BOBJ1	128	Before	Interior Girder 5	48	0.95	1	1	10.56045
EV2_str	BOBJ1	128	Before	Interior Girder 6	48	0.95	1	1	11.702492
EV2_str	BOBJ1	128	Before	Right Exterior Girder	48	0.95	1	1	22.94219
EV2_str	BOBJ1	128	After	Left Exterior Girder	48	0.95	1	1	13.432561
EV2_str	BOBJ1	128	After	Interior Girder 1	48	0.95	1	1	11.77014
EV2_str	BOBJ1	128	After	Interior Girder 2	48	0.95	1	1	10.973046
EV2_str	BOBJ1	128	After	Interior Girder 3	48	0.95	1	1	10.815347
EV2_str	BOBJ1	128	After	Interior Girder 4	48	0.95	1	1	10.846754
EV2_str	BOBJ1	128	After	Interior Girder 5	48	0.95	1	1	10.968389
EV2_str	BOBJ1	128	After	Interior Girder 6	48	0.95	1	1	11.759809
EV2_str	BOBJ1	128	After	Right Exterior Girder	48	0.95	1	1	13.45435
EV2_str	BOBJ1	136	Before	Left Exterior Girder	56	0.95	1	1	13.222425
EV2_str	BOBJ1	136	Before	Interior Girder 1	56	0.95	1	1	11.516943
EV2_str	BOBJ1	136	Before	Interior Girder 2	56	0.95	1	1	10.73827
EV2_str	BOBJ1	136	Before	Interior Girder 3	56	0.95	1	1	10.584223
EV2_str	BOBJ1	136	Before	Interior Girder 4	56	0.95	1	1	10.614958
EV2_str	BOBJ1	136	Before	Interior Girder 5	56	0.95	1	1	10.733713
EV2_str	BOBJ1	136	Before	Interior Girder 6	56	0.95	1	1	11.506834
EV2_str	BOBJ1	136	Before	Right Exterior Girder	56	0.95	1	1	13.243873
EV2_str	BOBJ1	136	After	Left Exterior Girder	56	0.95	1	1	11.56795
EV2_str	BOBJ1	136	After	Interior Girder 1	56	0.95	1	1	8.17406
EV2_str	BOBJ1	136	After	Interior Girder 2	56	0.95	1	1	7.731042
EV2_str	BOBJ1	136	After	Interior Girder 3	56	0.95	1	1	7.04463
EV2_str	BOBJ1	136	After	Interior Girder 4	56	0.95	1	1	7.122207
EV2_str	BOBJ1	136	After	Interior Girder 5	56	0.95	1	1	7.699465

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Approach, Span 4-6									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
EV2_str	BOBJ1	136	After	Interior Girder 6	56	0.95	1	1	8.214849
EV2_str	BOBJ1	136	After	Right Exterior Girder	56	0.95	1	1	11.583137
EV2_str	BOBJ1	144	Before	Left Exterior Girder	64	0.95	1	1	11.378208
EV2_str	BOBJ1	144	Before	Interior Girder 1	64	0.95	1	1	7.993265
EV2_str	BOBJ1	144	Before	Interior Girder 2	64	0.95	1	1	7.560612
EV2_str	BOBJ1	144	Before	Interior Girder 3	64	0.95	1	1	6.889462
EV2_str	BOBJ1	144	Before	Interior Girder 4	64	0.95	1	1	6.965329
EV2_str	BOBJ1	144	Before	Interior Girder 5	64	0.95	1	1	7.529731
EV2_str	BOBJ1	144	Before	Interior Girder 6	64	0.95	1	1	8.033152
EV2_str	BOBJ1	144	Before	Right Exterior Girder	64	0.95	1	1	11.393146
EV2_str	BOBJ1	144	After	Left Exterior Girder	64	0.95	1	1	10.604082
EV2_str	BOBJ1	144	After	Interior Girder 1	64	0.95	1	1	7.908096
EV2_str	BOBJ1	144	After	Interior Girder 2	64	0.95	1	1	7.25477
EV2_str	BOBJ1	144	After	Interior Girder 3	64	0.95	1	1	6.58104
EV2_str	BOBJ1	144	After	Interior Girder 4	64	0.95	1	1	6.601437
EV2_str	BOBJ1	144	After	Interior Girder 5	64	0.95	1	1	7.249093
EV2_str	BOBJ1	144	After	Interior Girder 6	64	0.95	1	1	7.904499
EV2_str	BOBJ1	144	After	Right Exterior Girder	64	0.95	1	1	10.613508
EV2_str	BOBJ1	150	Before	Interior Girder 1	70	0.95	1	1	7.773222
EV2_str	BOBJ1	150	Before	Interior Girder 2	70	0.95	1	1	7.132532
EV2_str	BOBJ1	150	Before	Interior Girder 3	70	0.95	1	1	6.467597
EV2_str	BOBJ1	150	Before	Interior Girder 4	70	0.95	1	1	6.487643
EV2_str	BOBJ1	150	Before	Interior Girder 5	70	0.95	1	1	7.126951
EV2_str	BOBJ1	150	Before	Interior Girder 6	70	0.95	1	1	7.769686
EV2_str	BOBJ1	150	After	Interior Girder 1	70	0.95	1	1	6.007107
EV2_str	BOBJ1	150	After	Interior Girder 2	70	0.95	1	1	5.7856
EV2_str	BOBJ1	150	After	Interior Girder 3	70	0.95	1	1	4.882591
EV2_str	BOBJ1	150	After	Interior Girder 4	70	0.95	1	1	4.939341
EV2_str	BOBJ1	150	After	Interior Girder 5	70	0.95	1	1	5.774582
EV2_str	BOBJ1	150	After	Interior Girder 6	70	0.95	1	1	6.017342
EV2_str	BOBJ1	152	Before	Left Exterior Girder	72	0.95	1	1	10.597268
EV2_str	BOBJ1	152	Before	Interior Girder 1	72	0.95	1	1	5.968125
EV2_str	BOBJ1	152	Before	Interior Girder 2	72	0.95	1	1	5.748839
EV2_str	BOBJ1	152	Before	Interior Girder 3	72	0.95	1	1	4.850711
EV2_str	BOBJ1	152	Before	Interior Girder 4	72	0.95	1	1	4.90709
EV2_str	BOBJ1	152	Before	Interior Girder 5	72	0.95	1	1	5.737891
EV2_str	BOBJ1	152	Before	Interior Girder 6	72	0.95	1	1	5.978294
EV2_str	BOBJ1	152	Before	Right Exterior Girder	72	0.95	1	1	10.607777
EV2_str	BOBJ1	152	After	Left Exterior Girder	72	0.95	1	1	9.20755
EV2_str	BOBJ1	152	After	Interior Girder 1	72	0.95	1	1	5.231072
EV2_str	BOBJ1	152	After	Interior Girder 2	72	0.95	1	1	5.405849
EV2_str	BOBJ1	152	After	Interior Girder 3	72	0.95	1	1	4.505244
EV2_str	BOBJ1	152	After	Interior Girder 4	72	0.95	1	1	4.553571
EV2_str	BOBJ1	152	After	Interior Girder 5	72	0.95	1	1	5.381046
EV2_str	BOBJ1	152	After	Interior Girder 6	72	0.95	1	1	5.256345
EV2_str	BOBJ1	152	After	Right Exterior Girder	72	0.95	1	1	9.215637
EV2_str	BOBJ1	154	Before	Left Exterior Girder	74	0.95	1	1	9.170602
EV2_str	BOBJ1	154	Before	Right Exterior Girder	74	0.95	1	1	9.178656
EV2_str	BOBJ1	154	After	Left Exterior Girder	74	0.95	1	1	9.411283
EV2_str	BOBJ1	154	After	Right Exterior Girder	74	0.95	1	1	9.419332
EV2_str	BOBJ1	160	Before	Left Exterior Girder	80	0.95	1	1	9.282995
EV2_str	BOBJ1	160	Before	Interior Girder 1	80	0.95	1	1	5.699668
EV2_str	BOBJ1	160	Before	Interior Girder 2	80	0.95	1	1	5.267107
EV2_str	BOBJ1	160	Before	Interior Girder 3	80	0.95	1	1	4.38593
EV2_str	BOBJ1	160	Before	Interior Girder 4	80	0.95	1	1	4.432978
EV2_str	BOBJ1	160	Before	Interior Girder 5	80	0.95	1	1	5.24294
EV2_str	BOBJ1	160	Before	Interior Girder 6	80	0.95	1	1	5.733052
EV2_str	BOBJ1	160	Before	Right Exterior Girder	80	0.95	1	1	9.290934
EV2_str	BOBJ1	160	After	Left Exterior Girder	0	0.95	1	1	8.249894
EV2_str	BOBJ1	160	After	Interior Girder 1	0	0.95	1	1	5.341176
EV2_str	BOBJ1	160	After	Interior Girder 2	0	0.95	1	1	4.903895
EV2_str	BOBJ1	160	After	Interior Girder 3	0	0.95	1	1	4.104037
EV2_str	BOBJ1	160	After	Interior Girder 4	0	0.95	1	1	4.147242
EV2_str	BOBJ1	160	After	Interior Girder 5	0	0.95	1	1	4.881794
EV2_str	BOBJ1	160	After	Interior Girder 6	0	0.95	1	1	5.372127

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Approach, Span 4-6									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
EV2_str	BOBJ1	160	After	Right Exterior Girder	0	0.95	1	1	8.257491
EV2_str	BOBJ1	166	Before	Left Exterior Girder	6	0.95	1	1	8.369325
EV2_str	BOBJ1	166	Before	Right Exterior Girder	6	0.95	1	1	8.377032
EV2_str	BOBJ1	166	After	Left Exterior Girder	6	0.95	1	1	7.855213
EV2_str	BOBJ1	166	After	Right Exterior Girder	6	0.95	1	1	7.862643
EV2_str	BOBJ1	168	Before	Left Exterior Girder	8	0.95	1	1	7.888597
EV2_str	BOBJ1	168	Before	Interior Girder 1	8	0.95	1	1	4.969865
EV2_str	BOBJ1	168	Before	Interior Girder 2	8	0.95	1	1	5.03881
EV2_str	BOBJ1	168	Before	Interior Girder 3	8	0.95	1	1	4.221079
EV2_str	BOBJ1	168	Before	Interior Girder 4	8	0.95	1	1	4.265516
EV2_str	BOBJ1	168	Before	Interior Girder 5	8	0.95	1	1	5.016101
EV2_str	BOBJ1	168	Before	Interior Girder 6	8	0.95	1	1	4.993722
EV2_str	BOBJ1	168	Before	Right Exterior Girder	8	0.95	1	1	7.896058
EV2_str	BOBJ1	168	After	Left Exterior Girder	8	0.95	1	1	9.054884
EV2_str	BOBJ1	168	After	Interior Girder 1	8	0.95	1	1	5.539809
EV2_str	BOBJ1	168	After	Interior Girder 2	8	0.95	1	1	5.327827
EV2_str	BOBJ1	168	After	Interior Girder 3	8	0.95	1	1	4.518204
EV2_str	BOBJ1	168	After	Interior Girder 4	8	0.95	1	1	4.569976
EV2_str	BOBJ1	168	After	Interior Girder 5	8	0.95	1	1	5.317951
EV2_str	BOBJ1	168	After	Interior Girder 6	8	0.95	1	1	5.549075
EV2_str	BOBJ1	168	After	Right Exterior Girder	8	0.95	1	1	9.064418
EV2_str	BOBJ1	170	Before	Interior Girder 1	10	0.95	1	1	5.577754
EV2_str	BOBJ1	170	Before	Interior Girder 2	10	0.95	1	1	5.363363
EV2_str	BOBJ1	170	Before	Interior Girder 3	10	0.95	1	1	4.549282
EV2_str	BOBJ1	170	Before	Interior Girder 4	10	0.95	1	1	4.601411
EV2_str	BOBJ1	170	Before	Interior Girder 5	10	0.95	1	1	5.353422
EV2_str	BOBJ1	170	Before	Interior Girder 6	10	0.95	1	1	5.587084
EV2_str	BOBJ1	170	After	Interior Girder 1	10	0.95	1	1	7.108525
EV2_str	BOBJ1	170	After	Interior Girder 2	10	0.95	1	1	6.482203
EV2_str	BOBJ1	170	After	Interior Girder 3	10	0.95	1	1	5.868677
EV2_str	BOBJ1	170	After	Interior Girder 4	10	0.95	1	1	5.886131
EV2_str	BOBJ1	170	After	Interior Girder 5	10	0.95	1	1	6.477027
EV2_str	BOBJ1	170	After	Interior Girder 6	10	0.95	1	1	7.105881
EV2_str	BOBJ1	176	Before	Left Exterior Girder	16	0.95	1	1	9.070017
EV2_str	BOBJ1	176	Before	Interior Girder 1	16	0.95	1	1	7.237277
EV2_str	BOBJ1	176	Before	Interior Girder 2	16	0.95	1	1	6.59803
EV2_str	BOBJ1	176	Before	Interior Girder 3	16	0.95	1	1	5.97633
EV2_str	BOBJ1	176	Before	Interior Girder 4	16	0.95	1	1	5.994103
EV2_str	BOBJ1	176	Before	Interior Girder 5	16	0.95	1	1	6.592761
EV2_str	BOBJ1	176	Before	Interior Girder 6	16	0.95	1	1	7.234586
EV2_str	BOBJ1	176	Before	Right Exterior Girder	16	0.95	1	1	9.078435
EV2_str	BOBJ1	176	After	Left Exterior Girder	16	0.95	1	1	12.983713
EV2_str	BOBJ1	176	After	Interior Girder 1	16	0.95	1	1	6.371335
EV2_str	BOBJ1	176	After	Interior Girder 2	16	0.95	1	1	6.104553
EV2_str	BOBJ1	176	After	Interior Girder 3	16	0.95	1	1	5.42205
EV2_str	BOBJ1	176	After	Interior Girder 4	16	0.95	1	1	5.493757
EV2_str	BOBJ1	176	After	Interior Girder 5	16	0.95	1	1	6.081264
EV2_str	BOBJ1	176	After	Interior Girder 6	16	0.95	1	1	6.402855
EV2_str	BOBJ1	176	After	Right Exterior Girder	16	0.95	1	1	13.00107
EV2_str	BOBJ1	181	Before	Interior Girder 1	21	0.95	1	1	6.465844
EV2_str	BOBJ1	181	Before	Interior Girder 2	21	0.95	1	1	6.194271
EV2_str	BOBJ1	181	Before	Interior Girder 3	21	0.95	1	1	5.50174
EV2_str	BOBJ1	181	Before	Interior Girder 4	21	0.95	1	1	5.574502
EV2_str	BOBJ1	181	Before	Interior Girder 5	21	0.95	1	1	6.170639
EV2_str	BOBJ1	181	Before	Interior Girder 6	21	0.95	1	1	6.497832
EV2_str	BOBJ1	181	After	Interior Girder 1	21	0.95	1	1	8.875403
EV2_str	BOBJ1	181	After	Interior Girder 2	21	0.95	1	1	8.421394
EV2_str	BOBJ1	181	After	Interior Girder 3	21	0.95	1	1	7.687681
EV2_str	BOBJ1	181	After	Interior Girder 4	21	0.95	1	1	7.784176
EV2_str	BOBJ1	181	After	Interior Girder 5	21	0.95	1	1	8.401138
EV2_str	BOBJ1	181	After	Interior Girder 6	21	0.95	1	1	8.898858
EV2_str	BOBJ1	184	Before	Left Exterior Girder	24	0.95	1	1	12.616463
EV2_str	BOBJ1	184	Before	Interior Girder 1	24	0.95	1	1	8.944556
EV2_str	BOBJ1	184	Before	Interior Girder 2	24	0.95	1	1	8.486262
EV2_str	BOBJ1	184	Before	Interior Girder 3	24	0.95	1	1	7.746847

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Approach, Span 4-€									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
EV2_str	BOBJ1	184	Before	Interior Girder 4	24	0.95	1	1	7.844085
EV2_str	BOBJ1	184	Before	Interior Girder 5	24	0.95	1	1	8.46585
EV2_str	BOBJ1	184	Before	Interior Girder 6	24	0.95	1	1	8.968193
EV2_str	BOBJ1	184	Before	Right Exterior Girder	24	0.95	1	1	12.6336
EV2_str	BOBJ1	184	After	Left Exterior Girder	24	0.95	1	1	14.121983
EV2_str	BOBJ1	184	After	Interior Girder 1	24	0.95	1	1	11.641013
EV2_str	BOBJ1	184	After	Interior Girder 2	24	0.95	1	1	11.14759
EV2_str	BOBJ1	184	After	Interior Girder 3	24	0.95	1	1	11.039019
EV2_str	BOBJ1	184	After	Interior Girder 4	24	0.95	1	1	11.075258
EV2_str	BOBJ1	184	After	Interior Girder 5	24	0.95	1	1	11.141219
EV2_str	BOBJ1	184	After	Interior Girder 6	24	0.95	1	1	11.634724
EV2_str	BOBJ1	184	After	Right Exterior Girder	24	0.95	1	1	14.143387
EV2_str	BOBJ1	192	Before	Left Exterior Girder	32	0.95	1	1	14.332643
EV2_str	BOBJ1	192	Before	Interior Girder 1	32	0.95	1	1	11.87926
EV2_str	BOBJ1	192	Before	Interior Girder 2	32	0.95	1	1	11.373757
EV2_str	BOBJ1	192	Before	Interior Girder 3	32	0.95	1	1	11.262732
EV2_str	BOBJ1	192	Before	Interior Girder 4	32	0.95	1	1	11.299706
EV2_str	BOBJ1	192	Before	Interior Girder 5	32	0.95	1	1	11.367257
EV2_str	BOBJ1	192	Before	Interior Girder 6	32	0.95	1	1	11.872843
EV2_str	BOBJ1	192	Before	Right Exterior Girder	32	0.95	1	1	14.354366
EV2_str	BOBJ1	192	After	Left Exterior Girder	32	0.95	1	1	21.968551
EV2_str	BOBJ1	192	After	Interior Girder 1	32	0.95	1	1	11.950732
EV2_str	BOBJ1	192	After	Interior Girder 2	32	0.95	1	1	11.093213
EV2_str	BOBJ1	192	After	Interior Girder 3	32	0.95	1	1	9.74921
EV2_str	BOBJ1	192	After	Interior Girder 4	32	0.95	1	1	9.876165
EV2_str	BOBJ1	192	After	Interior Girder 5	32	0.95	1	1	11.036748
EV2_str	BOBJ1	192	After	Interior Girder 6	32	0.95	1	1	12.020232
EV2_str	BOBJ1	192	After	Right Exterior Girder	32	0.95	1	1	21.968551
EV2_str	BOBJ1	200	Before	Left Exterior Girder	40	0.95	1	1	22.286107
EV2_str	BOBJ1	200	Before	Interior Girder 1	40	0.95	1	1	12.186829
EV2_str	BOBJ1	200	Before	Interior Girder 2	40	0.95	1	1	11.312214
EV2_str	BOBJ1	200	Before	Interior Girder 3	40	0.95	1	1	9.941132
EV2_str	BOBJ1	200	Before	Interior Girder 4	40	0.95	1	1	10.070586
EV2_str	BOBJ1	200	Before	Interior Girder 5	40	0.95	1	1	11.254635
EV2_str	BOBJ1	200	Before	Interior Girder 6	40	0.95	1	1	12.257703
EV2_str	BOBJ1	200	Before	Right Exterior Girder	40	0.95	1	1	22.286107
EV2_str	BOBJ1	200	After	Left Exterior Girder	40	0.95	1	1	26.388085
EV2_str	BOBJ1	200	After	Interior Girder 1	40	0.95	1	1	16.404341
EV2_str	BOBJ1	200	After	Interior Girder 2	40	0.95	1	1	14.476423
EV2_str	BOBJ1	200	After	Interior Girder 3	40	0.95	1	1	12.198602
EV2_str	BOBJ1	200	After	Interior Girder 4	40	0.95	1	1	12.38908
EV2_str	BOBJ1	200	After	Interior Girder 5	40	0.95	1	1	14.385784
EV2_str	BOBJ1	200	After	Interior Girder 6	40	0.95	1	1	16.410889
EV2_str	BOBJ1	200	After	Right Exterior Girder	40	0.95	1	1	26.388085
EV2_str	BOBJ1	208	Before	Left Exterior Girder	48	0.95	1	1	26.75561
EV2_str	BOBJ1	208	Before	Interior Girder 1	48	0.95	1	1	16.104082
EV2_str	BOBJ1	208	Before	Interior Girder 2	48	0.95	1	1	14.210803
EV2_str	BOBJ1	208	Before	Interior Girder 3	48	0.95	1	1	11.974324
EV2_str	BOBJ1	208	Before	Interior Girder 4	48	0.95	1	1	12.161299
EV2_str	BOBJ1	208	Before	Interior Girder 5	48	0.95	1	1	14.121827
EV2_str	BOBJ1	208	Before	Interior Girder 6	48	0.95	1	1	16.110511
EV2_str	BOBJ1	208	Before	Right Exterior Girder	48	0.95	1	1	26.75561
EV2_str	BOBJ1	208	After	Left Exterior Girder	48	0.95	1	1	22.479333
EV2_str	BOBJ1	208	After	Interior Girder 1	48	0.95	1	1	16.909536
EV2_str	BOBJ1	208	After	Interior Girder 2	48	0.95	1	1	15.361802
EV2_str	BOBJ1	208	After	Interior Girder 3	48	0.95	1	1	12.894573
EV2_str	BOBJ1	208	After	Interior Girder 4	48	0.95	1	1	13.110686
EV2_str	BOBJ1	208	After	Interior Girder 5	48	0.95	1	1	15.259634
EV2_str	BOBJ1	208	After	Interior Girder 6	48	0.95	1	1	16.893571
EV2_str	BOBJ1	208	After	Right Exterior Girder	48	0.95	1	1	22.520157
EV2_str	BOBJ1	216	Before	Left Exterior Girder	56	0.95	1	1	22.170282
EV2_str	BOBJ1	216	Before	Interior Girder 1	56	0.95	1	1	16.589572
EV2_str	BOBJ1	216	Before	Interior Girder 2	56	0.95	1	1	15.313271
EV2_str	BOBJ1	216	Before	Interior Girder 3	56	0.95	1	1	13.135504
EV2_str	BOBJ1	216	Before	Interior Girder 4	56	0.95	1	1	13.355654

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Approach, Span 4-6									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
EV2_str	BOBJ1	216	Before	Interior Girder 5	56	0.95	1	1	15.306282
EV2_str	BOBJ1	216	Before	Interior Girder 6	56	0.95	1	1	16.573909
EV2_str	BOBJ1	216	Before	Right Exterior Girder	56	0.95	1	1	22.210545
EV2_str	BOBJ1	216	After	Left Exterior Girder	56	0.95	1	1	19.268746
EV2_str	BOBJ1	216	After	Interior Girder 1	56	0.95	1	1	11.568361
EV2_str	BOBJ1	216	After	Interior Girder 2	56	0.95	1	1	10.863554
EV2_str	BOBJ1	216	After	Interior Girder 3	56	0.95	1	1	9.646388
EV2_str	BOBJ1	216	After	Interior Girder 4	56	0.95	1	1	9.769384
EV2_str	BOBJ1	216	After	Interior Girder 5	56	0.95	1	1	10.816069
EV2_str	BOBJ1	216	After	Interior Girder 6	56	0.95	1	1	11.633065
EV2_str	BOBJ1	216	After	Right Exterior Girder	56	0.95	1	1	19.296138
EV2_str	BOBJ1	224	Before	Left Exterior Girder	64	0.95	1	1	18.993904
EV2_str	BOBJ1	224	Before	Interior Girder 1	64	0.95	1	1	11.3441
EV2_str	BOBJ1	224	Before	Interior Girder 2	64	0.95	1	1	10.653176
EV2_str	BOBJ1	224	Before	Interior Girder 3	64	0.95	1	1	9.459655
EV2_str	BOBJ1	224	Before	Interior Girder 4	64	0.95	1	1	9.580269
EV2_str	BOBJ1	224	Before	Interior Girder 5	64	0.95	1	1	10.606611
EV2_str	BOBJ1	224	Before	Interior Girder 6	64	0.95	1	1	11.40755
EV2_str	BOBJ1	224	Before	Right Exterior Girder	64	0.95	1	1	19.020906
EV2_str	BOBJ1	224	After	Left Exterior Girder	64	0.95	1	1	12.914677
EV2_str	BOBJ1	224	After	Interior Girder 1	64	0.95	1	1	10.969087
EV2_str	BOBJ1	224	After	Interior Girder 2	64	0.95	1	1	10.301261
EV2_str	BOBJ1	224	After	Interior Girder 3	64	0.95	1	1	9.762697
EV2_str	BOBJ1	224	After	Interior Girder 4	64	0.95	1	1	9.795912
EV2_str	BOBJ1	224	After	Interior Girder 5	64	0.95	1	1	10.292622
EV2_str	BOBJ1	224	After	Interior Girder 6	64	0.95	1	1	10.965826
EV2_str	BOBJ1	224	After	Right Exterior Girder	64	0.95	1	1	12.924829
EV2_str	BOBJ1	232	Before	Left Exterior Girder	72	0.95	1	1	12.723984
EV2_str	BOBJ1	232	Before	Interior Girder 1	72	0.95	1	1	10.749783
EV2_str	BOBJ1	232	Before	Interior Girder 2	72	0.95	1	1	10.096865
EV2_str	BOBJ1	232	Before	Interior Girder 3	72	0.95	1	1	9.567733
EV2_str	BOBJ1	232	Before	Interior Girder 4	72	0.95	1	1	9.600285
EV2_str	BOBJ1	232	Before	Interior Girder 5	72	0.95	1	1	10.088397
EV2_str	BOBJ1	232	Before	Interior Girder 6	72	0.95	1	1	10.746587
EV2_str	BOBJ1	232	Before	Right Exterior Girder	72	0.95	1	1	12.733986
EV2_str	BOBJ1	232	After	Left Exterior Girder	72	0.95	1	1	11.637535
EV2_str	BOBJ1	232	After	Interior Girder 1	72	0.95	1	1	7.773583
EV2_str	BOBJ1	232	After	Interior Girder 2	72	0.95	1	1	7.376956
EV2_str	BOBJ1	232	After	Interior Girder 3	72	0.95	1	1	6.307729
EV2_str	BOBJ1	232	After	Interior Girder 4	72	0.95	1	1	6.381466
EV2_str	BOBJ1	232	After	Interior Girder 5	72	0.95	1	1	7.342649
EV2_str	BOBJ1	232	After	Interior Girder 6	72	0.95	1	1	7.81931
EV2_str	BOBJ1	232	After	Right Exterior Girder	72	0.95	1	1	11.652318
EV2_str	BOBJ1	240	Before	Left Exterior Girder	80	0.95	1	1	11.45847
EV2_str	BOBJ1	240	Before	Interior Girder 1	80	0.95	1	1	7.614345
EV2_str	BOBJ1	240	Before	Interior Girder 2	80	0.95	1	1	7.226735
EV2_str	BOBJ1	240	Before	Interior Girder 3	80	0.95	1	1	6.178128
EV2_str	BOBJ1	240	Before	Interior Girder 4	80	0.95	1	1	6.25035
EV2_str	BOBJ1	240	Before	Interior Girder 5	80	0.95	1	1	7.193127
EV2_str	BOBJ1	240	Before	Interior Girder 6	80	0.95	1	1	7.659136
EV2_str	BOBJ1	240	Before	Right Exterior Girder	80	0.95	1	1	11.473026
EV3_str	BOBJ1	0	After	Left Exterior Girder	0	0.95	1	1	7.74125
EV3_str	BOBJ1	0	After	Interior Girder 1	0	0.95	1	1	5.650501
EV3_str	BOBJ1	0	After	Interior Girder 2	0	0.95	1	1	5.247348
EV3_str	BOBJ1	0	After	Interior Girder 3	0	0.95	1	1	4.765632
EV3_str	BOBJ1	0	After	Interior Girder 4	0	0.95	1	1	4.80917
EV3_str	BOBJ1	0	After	Interior Girder 5	0	0.95	1	1	5.227527
EV3_str	BOBJ1	0	After	Interior Girder 6	0	0.95	1	1	5.675988
EV3_str	BOBJ1	0	After	Right Exterior Girder	0	0.95	1	1	7.748941
EV3_str	BOBJ1	8	Before	Left Exterior Girder	8	0.95	1	1	7.856957
EV3_str	BOBJ1	8	Before	Interior Girder 1	8	0.95	1	1	5.76471
EV3_str	BOBJ1	8	Before	Interior Girder 2	8	0.95	1	1	5.352815
EV3_str	BOBJ1	8	Before	Interior Girder 3	8	0.95	1	1	4.861855
EV3_str	BOBJ1	8	Before	Interior Girder 4	8	0.95	1	1	4.906272
EV3_str	BOBJ1	8	Before	Interior Girder 5	8	0.95	1	1	5.332596

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Approach, Span 4-6									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
EV3_str	BOBJ1	8	Before	Interior Girder 6	8	0.95	1	1	5.790713
EV3_str	BOBJ1	8	Before	Right Exterior Girder	8	0.95	1	1	7.864763
EV3_str	BOBJ1	8	After	Left Exterior Girder	8	0.95	1	1	8.636357
EV3_str	BOBJ1	8	After	Interior Girder 1	8	0.95	1	1	7.999199
EV3_str	BOBJ1	8	After	Interior Girder 2	8	0.95	1	1	7.303808
EV3_str	BOBJ1	8	After	Interior Girder 3	8	0.95	1	1	7.125349
EV3_str	BOBJ1	8	After	Interior Girder 4	8	0.95	1	1	7.137381
EV3_str	BOBJ1	8	After	Interior Girder 5	8	0.95	1	1	7.299762
EV3_str	BOBJ1	8	After	Interior Girder 6	8	0.95	1	1	7.995093
EV3_str	BOBJ1	8	After	Right Exterior Girder	8	0.95	1	1	8.645087
EV3_str	BOBJ1	16	Before	Left Exterior Girder	16	0.95	1	1	8.76053
EV3_str	BOBJ1	16	Before	Interior Girder 1	16	0.95	1	1	8.156946
EV3_str	BOBJ1	16	Before	Interior Girder 2	16	0.95	1	1	7.446902
EV3_str	BOBJ1	16	Before	Interior Girder 3	16	0.95	1	1	7.2653
EV3_str	BOBJ1	16	Before	Interior Girder 4	16	0.95	1	1	7.277569
EV3_str	BOBJ1	16	Before	Interior Girder 5	16	0.95	1	1	7.442777
EV3_str	BOBJ1	16	Before	Interior Girder 6	16	0.95	1	1	8.152759
EV3_str	BOBJ1	16	Before	Right Exterior Girder	16	0.95	1	1	8.769385
EV3_str	BOBJ1	16	After	Left Exterior Girder	16	0.95	1	1	11.963516
EV3_str	BOBJ1	16	After	Interior Girder 1	16	0.95	1	1	8.784238
EV3_str	BOBJ1	16	After	Interior Girder 2	16	0.95	1	1	7.651857
EV3_str	BOBJ1	16	After	Interior Girder 3	16	0.95	1	1	6.869556
EV3_str	BOBJ1	16	After	Interior Girder 4	16	0.95	1	1	6.957466
EV3_str	BOBJ1	16	After	Interior Girder 5	16	0.95	1	1	7.621101
EV3_str	BOBJ1	16	After	Interior Girder 6	16	0.95	1	1	8.833163
EV3_str	BOBJ1	16	After	Right Exterior Girder	16	0.95	1	1	11.97803
EV3_str	BOBJ1	20.5	Before	Left Exterior Girder	20.5	0.95	1	1	12.057856
EV3_str	BOBJ1	20.5	Before	Right Exterior Girder	20.5	0.95	1	1	12.072484
EV3_str	BOBJ1	20.5	After	Left Exterior Girder	20.5	0.95	1	1	13.179706
EV3_str	BOBJ1	20.5	After	Right Exterior Girder	20.5	0.95	1	1	13.198283
EV3_str	BOBJ1	24	Before	Left Exterior Girder	24	0.95	1	1	13.267774
EV3_str	BOBJ1	24	Before	Interior Girder 1	24	0.95	1	1	8.370929
EV3_str	BOBJ1	24	Before	Interior Girder 2	24	0.95	1	1	7.798213
EV3_str	BOBJ1	24	Before	Interior Girder 3	24	0.95	1	1	7.000667
EV3_str	BOBJ1	24	Before	Interior Girder 4	24	0.95	1	1	7.090254
EV3_str	BOBJ1	24	Before	Interior Girder 5	24	0.95	1	1	7.76687
EV3_str	BOBJ1	24	Before	Interior Girder 6	24	0.95	1	1	8.412486
EV3_str	BOBJ1	24	Before	Right Exterior Girder	24	0.95	1	1	13.286475
EV3_str	BOBJ1	24	After	Left Exterior Girder	24	0.95	1	1	14.780012
EV3_str	BOBJ1	24	After	Interior Girder 1	24	0.95	1	1	12.036414
EV3_str	BOBJ1	24	After	Interior Girder 2	24	0.95	1	1	10.688702
EV3_str	BOBJ1	24	After	Interior Girder 3	24	0.95	1	1	8.861319
EV3_str	BOBJ1	24	After	Interior Girder 4	24	0.95	1	1	9.00842
EV3_str	BOBJ1	24	After	Interior Girder 5	24	0.95	1	1	10.621993
EV3_str	BOBJ1	24	After	Interior Girder 6	24	0.95	1	1	12.118904
EV3_str	BOBJ1	24	After	Right Exterior Girder	24	0.95	1	1	14.803352
EV3_str	BOBJ1	32	Before	Left Exterior Girder	32	0.95	1	1	15.000806
EV3_str	BOBJ1	32	Before	Interior Girder 1	32	0.95	1	1	11.822389
EV3_str	BOBJ1	32	Before	Interior Girder 2	32	0.95	1	1	10.498713
EV3_str	BOBJ1	32	Before	Interior Girder 3	32	0.95	1	1	8.703594
EV3_str	BOBJ1	32	Before	Interior Girder 4	32	0.95	1	1	8.848077
EV3_str	BOBJ1	32	Before	Interior Girder 5	32	0.95	1	1	10.433189
EV3_str	BOBJ1	32	Before	Interior Girder 6	32	0.95	1	1	11.903412
EV3_str	BOBJ1	32	Before	Right Exterior Girder	32	0.95	1	1	15.024494
EV3_str	BOBJ1	32	After	Left Exterior Girder	32	0.95	1	1	17.849712
EV3_str	BOBJ1	32	After	Interior Girder 1	32	0.95	1	1	11.145494
EV3_str	BOBJ1	32	After	Interior Girder 2	32	0.95	1	1	10.084428
EV3_str	BOBJ1	32	After	Interior Girder 3	32	0.95	1	1	8.520835
EV3_str	BOBJ1	32	After	Interior Girder 4	32	0.95	1	1	8.65387
EV3_str	BOBJ1	32	After	Interior Girder 5	32	0.95	1	1	10.024069
EV3_str	BOBJ1	32	After	Interior Girder 6	32	0.95	1	1	11.219539
EV3_str	BOBJ1	32	After	Right Exterior Girder	32	0.95	1	1	17.849712
EV3_str	BOBJ1	40	Before	Left Exterior Girder	40	0.95	1	1	17.586995
EV3_str	BOBJ1	40	Before	Interior Girder 1	40	0.95	1	1	11.347531
EV3_str	BOBJ1	40	Before	Interior Girder 2	40	0.95	1	1	10.267189

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Approach, Span 4-6									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
EV3_str	BOBJ1	40	Before	Interior Girder 3	40	0.95	1	1	8.675463
EV3_str	BOBJ1	40	Before	Interior Girder 4	40	0.95	1	1	8.810912
EV3_str	BOBJ1	40	Before	Interior Girder 5	40	0.95	1	1	10.205735
EV3_str	BOBJ1	40	Before	Interior Girder 6	40	0.95	1	1	11.422918
EV3_str	BOBJ1	40	Before	Right Exterior Girder	40	0.95	1	1	17.586995
EV3_str	BOBJ1	40	After	Left Exterior Girder	40	0.95	1	1	14.959381
EV3_str	BOBJ1	40	After	Interior Girder 1	40	0.95	1	1	8.799935
EV3_str	BOBJ1	40	After	Interior Girder 2	40	0.95	1	1	7.895867
EV3_str	BOBJ1	40	After	Interior Girder 3	40	0.95	1	1	6.929596
EV3_str	BOBJ1	40	After	Interior Girder 4	40	0.95	1	1	7.017885
EV3_str	BOBJ1	40	After	Interior Girder 5	40	0.95	1	1	7.861791
EV3_str	BOBJ1	40	After	Interior Girder 6	40	0.95	1	1	8.848479
EV3_str	BOBJ1	40	After	Right Exterior Girder	40	0.95	1	1	14.959381
EV3_str	BOBJ1	46.5	Before	Left Exterior Girder	46.5	0.95	1	1	14.774171
EV3_str	BOBJ1	46.5	Before	Right Exterior Girder	46.5	0.95	1	1	14.774171
EV3_str	BOBJ1	46.5	After	Left Exterior Girder	46.5	0.95	1	1	11.587264
EV3_str	BOBJ1	46.5	After	Right Exterior Girder	46.5	0.95	1	1	11.587264
EV3_str	BOBJ1	48	Before	Left Exterior Girder	48	0.95	1	1	11.556359
EV3_str	BOBJ1	48	Before	Interior Girder 1	48	0.95	1	1	10.061409
EV3_str	BOBJ1	48	Before	Interior Girder 2	48	0.95	1	1	7.747888
EV3_str	BOBJ1	48	Before	Interior Girder 3	48	0.95	1	1	6.800014
EV3_str	BOBJ1	48	Before	Interior Girder 4	48	0.95	1	1	6.886651
EV3_str	BOBJ1	48	Before	Interior Girder 5	48	0.95	1	1	7.71445
EV3_str	BOBJ1	48	Before	Interior Girder 6	48	0.95	1	1	10.104574
EV3_str	BOBJ1	48	Before	Right Exterior Girder	48	0.95	1	1	11.556359
EV3_str	BOBJ1	48	After	Left Exterior Girder	48	0.95	1	1	9.865813
EV3_str	BOBJ1	48	After	Interior Girder 1	48	0.95	1	1	8.617834
EV3_str	BOBJ1	48	After	Interior Girder 2	48	0.95	1	1	7.978358
EV3_str	BOBJ1	48	After	Interior Girder 3	48	0.95	1	1	7.82593
EV3_str	BOBJ1	48	After	Interior Girder 4	48	0.95	1	1	7.852346
EV3_str	BOBJ1	48	After	Interior Girder 5	48	0.95	1	1	7.972571
EV3_str	BOBJ1	48	After	Interior Girder 6	48	0.95	1	1	8.61549
EV3_str	BOBJ1	48	After	Right Exterior Girder	48	0.95	1	1	9.879729
EV3_str	BOBJ1	56	Before	Left Exterior Girder	56	0.95	1	1	9.726104
EV3_str	BOBJ1	56	Before	Interior Girder 1	56	0.95	1	1	8.451256
EV3_str	BOBJ1	56	Before	Interior Girder 2	56	0.95	1	1	7.825026
EV3_str	BOBJ1	56	Before	Interior Girder 3	56	0.95	1	1	7.675578
EV3_str	BOBJ1	56	Before	Interior Girder 4	56	0.95	1	1	7.701488
EV3_str	BOBJ1	56	Before	Interior Girder 5	56	0.95	1	1	7.81935
EV3_str	BOBJ1	56	Before	Interior Girder 6	56	0.95	1	1	8.448957
EV3_str	BOBJ1	56	Before	Right Exterior Girder	56	0.95	1	1	9.739823
EV3_str	BOBJ1	56	After	Left Exterior Girder	56	0.95	1	1	8.818746
EV3_str	BOBJ1	56	After	Interior Girder 1	56	0.95	1	1	6.428981
EV3_str	BOBJ1	56	After	Interior Girder 2	56	0.95	1	1	5.991709
EV3_str	BOBJ1	56	After	Interior Girder 3	56	0.95	1	1	5.441637
EV3_str	BOBJ1	56	After	Interior Girder 4	56	0.95	1	1	5.508539
EV3_str	BOBJ1	56	After	Interior Girder 5	56	0.95	1	1	5.977564
EV3_str	BOBJ1	56	After	Interior Girder 6	56	0.95	1	1	6.445313
EV3_str	BOBJ1	56	After	Right Exterior Girder	56	0.95	1	1	8.829673
EV3_str	BOBJ1	59	Before	Interior Girder 1	59	0.95	1	1	6.381142
EV3_str	BOBJ1	59	Before	Interior Girder 2	59	0.95	1	1	5.947488
EV3_str	BOBJ1	59	Before	Interior Girder 3	59	0.95	1	1	5.401476
EV3_str	BOBJ1	59	Before	Interior Girder 4	59	0.95	1	1	5.467885
EV3_str	BOBJ1	59	Before	Interior Girder 5	59	0.95	1	1	5.933448
EV3_str	BOBJ1	59	Before	Interior Girder 6	59	0.95	1	1	6.397352
EV3_str	BOBJ1	59	After	Interior Girder 1	59	0.95	1	1	4.309111
EV3_str	BOBJ1	59	After	Interior Girder 2	59	0.95	1	1	4.111054
EV3_str	BOBJ1	59	After	Interior Girder 3	59	0.95	1	1	3.635588
EV3_str	BOBJ1	59	After	Interior Girder 4	59	0.95	1	1	3.682578
EV3_str	BOBJ1	59	After	Interior Girder 5	59	0.95	1	1	4.093107
EV3_str	BOBJ1	59	After	Interior Girder 6	59	0.95	1	1	4.333619
EV3_str	BOBJ1	64	Before	Left Exterior Girder	64	0.95	1	1	8.84731
EV3_str	BOBJ1	64	Before	Interior Girder 1	64	0.95	1	1	4.246226
EV3_str	BOBJ1	64	Before	Interior Girder 2	64	0.95	1	1	4.051465
EV3_str	BOBJ1	64	Before	Interior Girder 3	64	0.95	1	1	3.58283

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Approach, Span 4-6									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
EV3_str	BOBJ1	64	Before	Interior Girder 4	64	0.95	1	1	3.629138
EV3_str	BOBJ1	64	Before	Interior Girder 5	64	0.95	1	1	4.033778
EV3_str	BOBJ1	64	Before	Interior Girder 6	64	0.95	1	1	4.270376
EV3_str	BOBJ1	64	Before	Right Exterior Girder	64	0.95	1	1	8.859526
EV3_str	BOBJ1	64	After	Left Exterior Girder	64	0.95	1	1	6.405634
EV3_str	BOBJ1	64	After	Interior Girder 1	64	0.95	1	1	4.791922
EV3_str	BOBJ1	64	After	Interior Girder 2	64	0.95	1	1	4.377838
EV3_str	BOBJ1	64	After	Interior Girder 3	64	0.95	1	1	3.942117
EV3_str	BOBJ1	64	After	Interior Girder 4	64	0.95	1	1	3.954652
EV3_str	BOBJ1	64	After	Interior Girder 5	64	0.95	1	1	4.372251
EV3_str	BOBJ1	64	After	Interior Girder 6	64	0.95	1	1	4.792766
EV3_str	BOBJ1	64	After	Right Exterior Girder	64	0.95	1	1	6.412239
EV3_str	BOBJ1	69	Before	Interior Girder 1	69	0.95	1	1	4.720748
EV3_str	BOBJ1	69	Before	Interior Girder 2	69	0.95	1	1	4.313817
EV3_str	BOBJ1	69	Before	Interior Girder 3	69	0.95	1	1	3.882923
EV3_str	BOBJ1	69	Before	Interior Girder 4	69	0.95	1	1	3.895269
EV3_str	BOBJ1	69	Before	Interior Girder 5	69	0.95	1	1	4.308312
EV3_str	BOBJ1	69	Before	Interior Girder 6	69	0.95	1	1	4.72158
EV3_str	BOBJ1	69	After	Interior Girder 1	69	0.95	1	1	3.938281
EV3_str	BOBJ1	69	After	Interior Girder 2	69	0.95	1	1	3.727055
EV3_str	BOBJ1	69	After	Interior Girder 3	69	0.95	1	1	3.21918
EV3_str	BOBJ1	69	After	Interior Girder 4	69	0.95	1	1	3.242265
EV3_str	BOBJ1	69	After	Interior Girder 5	69	0.95	1	1	3.719869
EV3_str	BOBJ1	69	After	Interior Girder 6	69	0.95	1	1	3.944416
EV3_str	BOBJ1	72	Before	Left Exterior Girder	72	0.95	1	1	4.422145
EV3_str	BOBJ1	72	Before	Interior Girder 1	72	0.95	1	1	3.897983
EV3_str	BOBJ1	72	Before	Interior Girder 2	72	0.95	1	1	3.689657
EV3_str	BOBJ1	72	Before	Interior Girder 3	72	0.95	1	1	3.185899
EV3_str	BOBJ1	72	Before	Interior Girder 4	72	0.95	1	1	3.208746
EV3_str	BOBJ1	72	Before	Interior Girder 5	72	0.95	1	1	3.682542
EV3_str	BOBJ1	72	Before	Interior Girder 6	72	0.95	1	1	3.904055
EV3_str	BOBJ1	72	Before	Right Exterior Girder	72	0.95	1	1	4.42739
EV3_str	BOBJ1	72	After	Left Exterior Girder	72	0.95	1	1	4.136947
EV3_str	BOBJ1	72	After	Interior Girder 1	72	0.95	1	1	4.280636
EV3_str	BOBJ1	72	After	Interior Girder 2	72	0.95	1	1	3.359969
EV3_str	BOBJ1	72	After	Interior Girder 3	72	0.95	1	1	2.809336
EV3_str	BOBJ1	72	After	Interior Girder 4	72	0.95	1	1	2.838092
EV3_str	BOBJ1	72	After	Interior Girder 5	72	0.95	1	1	3.344846
EV3_str	BOBJ1	72	After	Interior Girder 6	72	0.95	1	1	4.305691
EV3_str	BOBJ1	72	After	Right Exterior Girder	72	0.95	1	1	4.141601
EV3_str	BOBJ1	72.5	Before	Left Exterior Girder	72.5	0.95	1	1	4.132519
EV3_str	BOBJ1	72.5	Before	Right Exterior Girder	72.5	0.95	1	1	4.137167
EV3_str	BOBJ1	72.5	After	Left Exterior Girder	72.5	0.95	1	1	6.004325
EV3_str	BOBJ1	72.5	After	Right Exterior Girder	72.5	0.95	1	1	6.010583
EV3_str	BOBJ1	80	Before	Left Exterior Girder	80	0.95	1	1	5.900517
EV3_str	BOBJ1	80	Before	Interior Girder 1	80	0.95	1	1	3.541865
EV3_str	BOBJ1	80	Before	Interior Girder 2	80	0.95	1	1	3.26882
EV3_str	BOBJ1	80	Before	Interior Girder 3	80	0.95	1	1	2.730365
EV3_str	BOBJ1	80	Before	Interior Girder 4	80	0.95	1	1	2.758312
EV3_str	BOBJ1	80	Before	Interior Girder 5	80	0.95	1	1	3.254107
EV3_str	BOBJ1	80	Before	Interior Girder 6	80	0.95	1	1	3.5621
EV3_str	BOBJ1	80	Before	Right Exterior Girder	80	0.95	1	1	5.906667
EV3_str	BOBJ1	80	After	Left Exterior Girder	0	0.95	1	1	6.641555
EV3_str	BOBJ1	80	After	Interior Girder 1	0	0.95	1	1	3.765635
EV3_str	BOBJ1	80	After	Interior Girder 2	0	0.95	1	1	3.507066
EV3_str	BOBJ1	80	After	Interior Girder 3	0	0.95	1	1	2.912863
EV3_str	BOBJ1	80	After	Interior Girder 4	0	0.95	1	1	2.943064
EV3_str	BOBJ1	80	After	Interior Girder 5	0	0.95	1	1	3.491043
EV3_str	BOBJ1	80	After	Interior Girder 6	0	0.95	1	1	3.787184
EV3_str	BOBJ1	80	After	Right Exterior Girder	0	0.95	1	1	6.648077
EV3_str	BOBJ1	87.5	Before	Left Exterior Girder	7.5	0.95	1	1	6.753062
EV3_str	BOBJ1	87.5	Before	Right Exterior Girder	7.5	0.95	1	1	6.759693
EV3_str	BOBJ1	87.5	After	Left Exterior Girder	7.5	0.95	1	1	5.090046
EV3_str	BOBJ1	87.5	After	Right Exterior Girder	7.5	0.95	1	1	5.095207
EV3_str	BOBJ1	88	Before	Left Exterior Girder	8	0.95	1	1	5.09505

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Approach, Span 4-6									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
EV3_str	BOBJ1	88	Before	Interior Girder 1	8	0.95	1	1	4.212282
EV3_str	BOBJ1	88	Before	Interior Girder 2	8	0.95	1	1	3.600584
EV3_str	BOBJ1	88	Before	Interior Girder 3	8	0.95	1	1	2.993333
EV3_str	BOBJ1	88	Before	Interior Girder 4	8	0.95	1	1	3.024369
EV3_str	BOBJ1	88	Before	Interior Girder 5	8	0.95	1	1	3.584133
EV3_str	BOBJ1	88	Before	Interior Girder 6	8	0.95	1	1	4.236425
EV3_str	BOBJ1	88	Before	Right Exterior Girder	8	0.95	1	1	5.100216
EV3_str	BOBJ1	88	After	Left Exterior Girder	8	0.95	1	1	5.426382
EV3_str	BOBJ1	88	After	Interior Girder 1	8	0.95	1	1	4.178803
EV3_str	BOBJ1	88	After	Interior Girder 2	8	0.95	1	1	3.98121
EV3_str	BOBJ1	88	After	Interior Girder 3	8	0.95	1	1	3.434455
EV3_str	BOBJ1	88	After	Interior Girder 4	8	0.95	1	1	3.467142
EV3_str	BOBJ1	88	After	Interior Girder 5	8	0.95	1	1	3.97361
EV3_str	BOBJ1	88	After	Interior Girder 6	8	0.95	1	1	4.18501
EV3_str	BOBJ1	88	After	Right Exterior Girder	8	0.95	1	1	5.432073
EV3_str	BOBJ1	91	Before	Interior Girder 1	11	0.95	1	1	4.219956
EV3_str	BOBJ1	91	Before	Interior Girder 2	11	0.95	1	1	4.019857
EV3_str	BOBJ1	91	Before	Interior Girder 3	11	0.95	1	1	3.468779
EV3_str	BOBJ1	91	Before	Interior Girder 4	11	0.95	1	1	3.501793
EV3_str	BOBJ1	91	Before	Interior Girder 5	11	0.95	1	1	4.012184
EV3_str	BOBJ1	91	Before	Interior Girder 6	11	0.95	1	1	4.226223
EV3_str	BOBJ1	91	After	Interior Girder 1	11	0.95	1	1	5.148825
EV3_str	BOBJ1	91	After	Interior Girder 2	11	0.95	1	1	4.724867
EV3_str	BOBJ1	91	After	Interior Girder 3	11	0.95	1	1	4.260255
EV3_str	BOBJ1	91	After	Interior Girder 4	11	0.95	1	1	4.275666
EV3_str	BOBJ1	91	After	Interior Girder 5	11	0.95	1	1	4.720412
EV3_str	BOBJ1	91	After	Interior Girder 6	11	0.95	1	1	5.147362
EV3_str	BOBJ1	96	Before	Left Exterior Girder	16	0.95	1	1	7.481227
EV3_str	BOBJ1	96	Before	Interior Girder 1	16	0.95	1	1	5.223018
EV3_str	BOBJ1	96	Before	Interior Girder 2	16	0.95	1	1	4.792067
EV3_str	BOBJ1	96	Before	Interior Girder 3	16	0.95	1	1	4.322433
EV3_str	BOBJ1	96	Before	Interior Girder 4	16	0.95	1	1	4.33807
EV3_str	BOBJ1	96	Before	Interior Girder 5	16	0.95	1	1	4.787549
EV3_str	BOBJ1	96	Before	Interior Girder 6	16	0.95	1	1	5.221534
EV3_str	BOBJ1	96	Before	Right Exterior Girder	16	0.95	1	1	7.488613
EV3_str	BOBJ1	96	After	Left Exterior Girder	16	0.95	1	1	7.380729
EV3_str	BOBJ1	96	After	Interior Girder 1	16	0.95	1	1	5.304316
EV3_str	BOBJ1	96	After	Interior Girder 2	16	0.95	1	1	5.010811
EV3_str	BOBJ1	96	After	Interior Girder 3	16	0.95	1	1	4.581684
EV3_str	BOBJ1	96	After	Interior Girder 4	16	0.95	1	1	4.630752
EV3_str	BOBJ1	96	After	Interior Girder 5	16	0.95	1	1	4.991274
EV3_str	BOBJ1	96	After	Interior Girder 6	16	0.95	1	1	5.329412
EV3_str	BOBJ1	96	After	Right Exterior Girder	16	0.95	1	1	7.390399
EV3_str	BOBJ1	104	Before	Left Exterior Girder	24	0.95	1	1	7.504177
EV3_str	BOBJ1	104	Before	Interior Girder 1	24	0.95	1	1	5.424353
EV3_str	BOBJ1	104	Before	Interior Girder 2	24	0.95	1	1	5.123795
EV3_str	BOBJ1	104	Before	Interior Girder 3	24	0.95	1	1	4.684979
EV3_str	BOBJ1	104	Before	Interior Girder 4	24	0.95	1	1	4.735153
EV3_str	BOBJ1	104	Before	Interior Girder 5	24	0.95	1	1	5.103818
EV3_str	BOBJ1	104	Before	Interior Girder 6	24	0.95	1	1	5.450017
EV3_str	BOBJ1	104	Before	Right Exterior Girder	24	0.95	1	1	7.514009
EV3_str	BOBJ1	104	After	Left Exterior Girder	24	0.95	1	1	8.566064
EV3_str	BOBJ1	104	After	Interior Girder 1	24	0.95	1	1	7.579354
EV3_str	BOBJ1	104	After	Interior Girder 2	24	0.95	1	1	7.065451
EV3_str	BOBJ1	104	After	Interior Girder 3	24	0.95	1	1	6.978344
EV3_str	BOBJ1	104	After	Interior Girder 4	24	0.95	1	1	6.997527
EV3_str	BOBJ1	104	After	Interior Girder 5	24	0.95	1	1	7.061796
EV3_str	BOBJ1	104	After	Interior Girder 6	24	0.95	1	1	7.574981
EV3_str	BOBJ1	104	After	Right Exterior Girder	24	0.95	1	1	8.57942
EV3_str	BOBJ1	112	Before	Left Exterior Girder	32	0.95	1	1	8.702568
EV3_str	BOBJ1	112	Before	Interior Girder 1	32	0.95	1	1	7.746086
EV3_str	BOBJ1	112	Before	Interior Girder 2	32	0.95	1	1	7.219987
EV3_str	BOBJ1	112	Before	Interior Girder 3	32	0.95	1	1	7.130861
EV3_str	BOBJ1	112	Before	Interior Girder 4	32	0.95	1	1	7.150464
EV3_str	BOBJ1	112	Before	Interior Girder 5	32	0.95	1	1	7.216253

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Approach, Span 4-6									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
EV3_str	BOBJ1	112	Before	Interior Girder 6	32	0.95	1	1	7.741616
EV3_str	BOBJ1	112	Before	Right Exterior Girder	32	0.95	1	1	8.716137
EV3_str	BOBJ1	112	After	Left Exterior Girder	32	0.95	1	1	14.633686
EV3_str	BOBJ1	112	After	Interior Girder 1	32	0.95	1	1	7.762536
EV3_str	BOBJ1	112	After	Interior Girder 2	32	0.95	1	1	7.055234
EV3_str	BOBJ1	112	After	Interior Girder 3	32	0.95	1	1	6.093217
EV3_str	BOBJ1	112	After	Interior Girder 4	32	0.95	1	1	6.175239
EV3_str	BOBJ1	112	After	Interior Girder 5	32	0.95	1	1	7.016112
EV3_str	BOBJ1	112	After	Interior Girder 6	32	0.95	1	1	7.782024
EV3_str	BOBJ1	112	After	Right Exterior Girder	32	0.95	1	1	14.633686
EV3_str	BOBJ1	120	Before	Left Exterior Girder	40	0.95	1	1	14.857804
EV3_str	BOBJ1	120	Before	Interior Girder 1	40	0.95	1	1	7.926999
EV3_str	BOBJ1	120	Before	Interior Girder 2	40	0.95	1	1	7.204865
EV3_str	BOBJ1	120	Before	Interior Girder 3	40	0.95	1	1	6.222375
EV3_str	BOBJ1	120	Before	Interior Girder 4	40	0.95	1	1	6.306135
EV3_str	BOBJ1	120	Before	Interior Girder 5	40	0.95	1	1	7.164914
EV3_str	BOBJ1	120	Before	Interior Girder 6	40	0.95	1	1	7.946899
EV3_str	BOBJ1	120	Before	Right Exterior Girder	40	0.95	1	1	14.857805
EV3_str	BOBJ1	120	After	Left Exterior Girder	40	0.95	1	1	15.440727
EV3_str	BOBJ1	120	After	Interior Girder 1	40	0.95	1	1	7.999914
EV3_str	BOBJ1	120	After	Interior Girder 2	40	0.95	1	1	7.268864
EV3_str	BOBJ1	120	After	Interior Girder 3	40	0.95	1	1	6.264926
EV3_str	BOBJ1	120	After	Interior Girder 4	40	0.95	1	1	6.349874
EV3_str	BOBJ1	120	After	Interior Girder 5	40	0.95	1	1	7.228224
EV3_str	BOBJ1	120	After	Interior Girder 6	40	0.95	1	1	8.020841
EV3_str	BOBJ1	120	After	Right Exterior Girder	40	0.95	1	1	15.440727
EV3_str	BOBJ1	128	Before	Left Exterior Girder	48	0.95	1	1	15.208331
EV3_str	BOBJ1	128	Before	Interior Girder 1	48	0.95	1	1	7.834076
EV3_str	BOBJ1	128	Before	Interior Girder 2	48	0.95	1	1	7.118019
EV3_str	BOBJ1	128	Before	Interior Girder 3	48	0.95	1	1	6.134956
EV3_str	BOBJ1	128	Before	Interior Girder 4	48	0.95	1	1	6.218142
EV3_str	BOBJ1	128	Before	Interior Girder 5	48	0.95	1	1	7.078222
EV3_str	BOBJ1	128	Before	Interior Girder 6	48	0.95	1	1	7.854569
EV3_str	BOBJ1	128	Before	Right Exterior Girder	48	0.95	1	1	15.208331
EV3_str	BOBJ1	128	After	Left Exterior Girder	48	0.95	1	1	8.957868
EV3_str	BOBJ1	128	After	Interior Girder 1	48	0.95	1	1	7.839596
EV3_str	BOBJ1	128	After	Interior Girder 2	48	0.95	1	1	7.303778
EV3_str	BOBJ1	128	After	Interior Girder 3	48	0.95	1	1	7.214973
EV3_str	BOBJ1	128	After	Interior Girder 4	48	0.95	1	1	7.234982
EV3_str	BOBJ1	128	After	Interior Girder 5	48	0.95	1	1	7.300005
EV3_str	BOBJ1	128	After	Interior Girder 6	48	0.95	1	1	7.835016
EV3_str	BOBJ1	128	After	Right Exterior Girder	48	0.95	1	1	8.971919
EV3_str	BOBJ1	136	Before	Left Exterior Girder	56	0.95	1	1	8.817733
EV3_str	BOBJ1	136	Before	Interior Girder 1	56	0.95	1	1	7.670952
EV3_str	BOBJ1	136	Before	Interior Girder 2	56	0.95	1	1	7.147509
EV3_str	BOBJ1	136	Before	Interior Girder 3	56	0.95	1	1	7.060789
EV3_str	BOBJ1	136	Before	Interior Girder 4	56	0.95	1	1	7.080371
EV3_str	BOBJ1	136	Before	Interior Girder 5	56	0.95	1	1	7.143817
EV3_str	BOBJ1	136	Before	Interior Girder 6	56	0.95	1	1	7.66647
EV3_str	BOBJ1	136	Before	Right Exterior Girder	56	0.95	1	1	8.831565
EV3_str	BOBJ1	136	After	Left Exterior Girder	56	0.95	1	1	7.697994
EV3_str	BOBJ1	136	After	Interior Girder 1	56	0.95	1	1	5.472614
EV3_str	BOBJ1	136	After	Interior Girder 2	56	0.95	1	1	5.168143
EV3_str	BOBJ1	136	After	Interior Girder 3	56	0.95	1	1	4.725228
EV3_str	BOBJ1	136	After	Interior Girder 4	56	0.95	1	1	4.776031
EV3_str	BOBJ1	136	After	Interior Girder 5	56	0.95	1	1	5.147981
EV3_str	BOBJ1	136	After	Interior Girder 6	56	0.95	1	1	5.498568
EV3_str	BOBJ1	136	After	Right Exterior Girder	56	0.95	1	1	7.708088
EV3_str	BOBJ1	144	Before	Left Exterior Girder	64	0.95	1	1	7.571728
EV3_str	BOBJ1	144	Before	Interior Girder 1	64	0.95	1	1	5.35157
EV3_str	BOBJ1	144	Before	Interior Girder 2	64	0.95	1	1	5.054211
EV3_str	BOBJ1	144	Before	Interior Girder 3	64	0.95	1	1	4.621148
EV3_str	BOBJ1	144	Before	Interior Girder 4	64	0.95	1	1	4.670832
EV3_str	BOBJ1	144	Before	Interior Girder 5	64	0.95	1	1	5.034494
EV3_str	BOBJ1	144	Before	Interior Girder 6	64	0.95	1	1	5.376951

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Approach, Span 4-6									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
EV3_str	BOBJ1	144	Before	Right Exterior Girder	64	0.95	1	1	7.581657
EV3_str	BOBJ1	144	After	Left Exterior Girder	64	0.95	1	1	7.084825
EV3_str	BOBJ1	144	After	Interior Girder 1	64	0.95	1	1	5.259092
EV3_str	BOBJ1	144	After	Interior Girder 2	64	0.95	1	1	4.828566
EV3_str	BOBJ1	144	After	Interior Girder 3	64	0.95	1	1	4.386573
EV3_str	BOBJ1	144	After	Interior Girder 4	64	0.95	1	1	4.400986
EV3_str	BOBJ1	144	After	Interior Girder 5	64	0.95	1	1	4.823497
EV3_str	BOBJ1	144	After	Interior Girder 6	64	0.95	1	1	5.258513
EV3_str	BOBJ1	144	After	Right Exterior Girder	64	0.95	1	1	7.091818
EV3_str	BOBJ1	150	Before	Interior Girder 1	70	0.95	1	1	5.169397
EV3_str	BOBJ1	150	Before	Interior Girder 2	70	0.95	1	1	4.747208
EV3_str	BOBJ1	150	Before	Interior Girder 3	70	0.95	1	1	4.310958
EV3_str	BOBJ1	150	Before	Interior Girder 4	70	0.95	1	1	4.325123
EV3_str	BOBJ1	150	Before	Interior Girder 5	70	0.95	1	1	4.742225
EV3_str	BOBJ1	150	Before	Interior Girder 6	70	0.95	1	1	5.168828
EV3_str	BOBJ1	150	After	Interior Girder 1	70	0.95	1	1	3.969458
EV3_str	BOBJ1	150	After	Interior Girder 2	70	0.95	1	1	3.870556
EV3_str	BOBJ1	150	After	Interior Girder 3	70	0.95	1	1	3.280863
EV3_str	BOBJ1	150	After	Interior Girder 4	70	0.95	1	1	3.317387
EV3_str	BOBJ1	150	After	Interior Girder 5	70	0.95	1	1	3.863559
EV3_str	BOBJ1	150	After	Interior Girder 6	70	0.95	1	1	3.975376
EV3_str	BOBJ1	152	Before	Left Exterior Girder	72	0.95	1	1	7.043007
EV3_str	BOBJ1	152	Before	Interior Girder 1	72	0.95	1	1	3.943698
EV3_str	BOBJ1	152	Before	Interior Girder 2	72	0.95	1	1	3.845963
EV3_str	BOBJ1	152	Before	Interior Girder 3	72	0.95	1	1	3.259441
EV3_str	BOBJ1	152	Before	Interior Girder 4	72	0.95	1	1	3.295726
EV3_str	BOBJ1	152	Before	Interior Girder 5	72	0.95	1	1	3.83901
EV3_str	BOBJ1	152	Before	Interior Girder 6	72	0.95	1	1	3.949578
EV3_str	BOBJ1	152	Before	Right Exterior Girder	72	0.95	1	1	7.050537
EV3_str	BOBJ1	152	After	Left Exterior Girder	72	0.95	1	1	6.139704
EV3_str	BOBJ1	152	After	Interior Girder 1	72	0.95	1	1	3.495134
EV3_str	BOBJ1	152	After	Interior Girder 2	72	0.95	1	1	3.607263
EV3_str	BOBJ1	152	After	Interior Girder 3	72	0.95	1	1	3.011001
EV3_str	BOBJ1	152	After	Interior Girder 4	72	0.95	1	1	3.042654
EV3_str	BOBJ1	152	After	Interior Girder 5	72	0.95	1	1	3.590958
EV3_str	BOBJ1	152	After	Interior Girder 6	72	0.95	1	1	3.509698
EV3_str	BOBJ1	152	After	Right Exterior Girder	72	0.95	1	1	6.146702
EV3_str	BOBJ1	154	Before	Left Exterior Girder	74	0.95	1	1	6.115066
EV3_str	BOBJ1	154	Before	Right Exterior Girder	74	0.95	1	1	6.122037
EV3_str	BOBJ1	154	After	Left Exterior Girder	74	0.95	1	1	6.278082
EV3_str	BOBJ1	154	After	Right Exterior Girder	74	0.95	1	1	6.284304
EV3_str	BOBJ1	160	Before	Left Exterior Girder	80	0.95	1	1	6.192503
EV3_str	BOBJ1	160	Before	Interior Girder 1	80	0.95	1	1	3.782435
EV3_str	BOBJ1	160	Before	Interior Girder 2	80	0.95	1	1	3.514682
EV3_str	BOBJ1	160	Before	Interior Girder 3	80	0.95	1	1	2.93126
EV3_str	BOBJ1	160	Before	Interior Girder 4	80	0.95	1	1	2.962075
EV3_str	BOBJ1	160	Before	Interior Girder 5	80	0.95	1	1	3.498796
EV3_str	BOBJ1	160	Before	Interior Girder 6	80	0.95	1	1	3.80412
EV3_str	BOBJ1	160	Before	Right Exterior Girder	80	0.95	1	1	6.198641
EV3_str	BOBJ1	160	After	Left Exterior Girder	0	0.95	1	1	5.510503
EV3_str	BOBJ1	160	After	Interior Girder 1	0	0.95	1	1	3.547666
EV3_str	BOBJ1	160	After	Interior Girder 2	0	0.95	1	1	3.270226
EV3_str	BOBJ1	160	After	Interior Girder 3	0	0.95	1	1	2.742407
EV3_str	BOBJ1	160	After	Interior Girder 4	0	0.95	1	1	2.770828
EV3_str	BOBJ1	160	After	Interior Girder 5	0	0.95	1	1	3.255718
EV3_str	BOBJ1	160	After	Interior Girder 6	0	0.95	1	1	3.567862
EV3_str	BOBJ1	160	After	Right Exterior Girder	0	0.95	1	1	5.51591
EV3_str	BOBJ1	166	Before	Left Exterior Girder	6	0.95	1	1	5.590276
EV3_str	BOBJ1	166	Before	Right Exterior Girder	6	0.95	1	1	5.595762
EV3_str	BOBJ1	166	After	Left Exterior Girder	6	0.95	1	1	5.238569
EV3_str	BOBJ1	166	After	Right Exterior Girder	6	0.95	1	1	5.243838
EV3_str	BOBJ1	168	Before	Left Exterior Girder	8	0.95	1	1	5.260832
EV3_str	BOBJ1	168	Before	Interior Girder 1	8	0.95	1	1	3.317844
EV3_str	BOBJ1	168	Before	Interior Girder 2	8	0.95	1	1	3.360195
EV3_str	BOBJ1	168	Before	Interior Girder 3	8	0.95	1	1	2.820618

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Approach, Span 4-6									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
EV3_str	BOBJ1	168	Before	Interior Girder 4	8	0.95	1	1	2.849849
EV3_str	BOBJ1	168	Before	Interior Girder 5	8	0.95	1	1	3.345289
EV3_str	BOBJ1	168	Before	Interior Girder 6	8	0.95	1	1	3.331756
EV3_str	BOBJ1	168	Before	Right Exterior Girder	8	0.95	1	1	5.266124
EV3_str	BOBJ1	168	After	Left Exterior Girder	8	0.95	1	1	6.019408
EV3_str	BOBJ1	168	After	Interior Girder 1	8	0.95	1	1	3.662467
EV3_str	BOBJ1	168	After	Interior Girder 2	8	0.95	1	1	3.563132
EV3_str	BOBJ1	168	After	Interior Girder 3	8	0.95	1	1	3.038888
EV3_str	BOBJ1	168	After	Interior Girder 4	8	0.95	1	1	3.072179
EV3_str	BOBJ1	168	After	Interior Girder 5	8	0.95	1	1	3.556712
EV3_str	BOBJ1	168	After	Interior Girder 6	8	0.95	1	1	3.667527
EV3_str	BOBJ1	168	After	Right Exterior Girder	8	0.95	1	1	6.026186
EV3_str	BOBJ1	170	Before	Interior Girder 1	10	0.95	1	1	3.687553
EV3_str	BOBJ1	170	Before	Interior Girder 2	10	0.95	1	1	3.586898
EV3_str	BOBJ1	170	Before	Interior Girder 3	10	0.95	1	1	3.059791
EV3_str	BOBJ1	170	Before	Interior Girder 4	10	0.95	1	1	3.093311
EV3_str	BOBJ1	170	Before	Interior Girder 5	10	0.95	1	1	3.580435
EV3_str	BOBJ1	170	Before	Interior Girder 6	10	0.95	1	1	3.692648
EV3_str	BOBJ1	170	After	Interior Girder 1	10	0.95	1	1	4.721398
EV3_str	BOBJ1	170	After	Interior Girder 2	10	0.95	1	1	4.313797
EV3_str	BOBJ1	170	After	Interior Girder 3	10	0.95	1	1	3.919175
EV3_str	BOBJ1	170	After	Interior Girder 4	10	0.95	1	1	3.931317
EV3_str	BOBJ1	170	After	Interior Girder 5	10	0.95	1	1	4.308042
EV3_str	BOBJ1	170	After	Interior Girder 6	10	0.95	1	1	4.722804
EV3_str	BOBJ1	176	Before	Left Exterior Girder	16	0.95	1	1	6.024025
EV3_str	BOBJ1	176	Before	Interior Girder 1	16	0.95	1	1	4.806913
EV3_str	BOBJ1	176	Before	Interior Girder 2	16	0.95	1	1	4.390878
EV3_str	BOBJ1	176	Before	Interior Girder 3	16	0.95	1	1	3.991067
EV3_str	BOBJ1	176	Before	Interior Girder 4	16	0.95	1	1	4.003432
EV3_str	BOBJ1	176	Before	Interior Girder 5	16	0.95	1	1	4.38502
EV3_str	BOBJ1	176	Before	Interior Girder 6	16	0.95	1	1	4.808345
EV3_str	BOBJ1	176	Before	Right Exterior Girder	16	0.95	1	1	6.029935
EV3_str	BOBJ1	176	After	Left Exterior Girder	16	0.95	1	1	8.53934
EV3_str	BOBJ1	176	After	Interior Girder 1	16	0.95	1	1	4.174405
EV3_str	BOBJ1	176	After	Interior Girder 2	16	0.95	1	1	4.052695
EV3_str	BOBJ1	176	After	Interior Girder 3	16	0.95	1	1	3.607542
EV3_str	BOBJ1	176	After	Interior Girder 4	16	0.95	1	1	3.654312
EV3_str	BOBJ1	176	After	Interior Girder 5	16	0.95	1	1	4.035086
EV3_str	BOBJ1	176	After	Interior Girder 6	16	0.95	1	1	4.197876
EV3_str	BOBJ1	176	After	Right Exterior Girder	16	0.95	1	1	8.550643
EV3_str	BOBJ1	181	Before	Interior Girder 1	21	0.95	1	1	4.236327
EV3_str	BOBJ1	181	Before	Interior Girder 2	21	0.95	1	1	4.112257
EV3_str	BOBJ1	181	Before	Interior Girder 3	21	0.95	1	1	3.660564
EV3_str	BOBJ1	181	Before	Interior Girder 4	21	0.95	1	1	3.708021
EV3_str	BOBJ1	181	Before	Interior Girder 5	21	0.95	1	1	4.094389
EV3_str	BOBJ1	181	Before	Interior Girder 6	21	0.95	1	1	4.260146
EV3_str	BOBJ1	181	After	Interior Girder 1	21	0.95	1	1	5.919588
EV3_str	BOBJ1	181	After	Interior Girder 2	21	0.95	1	1	5.62533
EV3_str	BOBJ1	181	After	Interior Girder 3	21	0.95	1	1	5.148348
EV3_str	BOBJ1	181	After	Interior Girder 4	21	0.95	1	1	5.211846
EV3_str	BOBJ1	181	After	Interior Girder 5	21	0.95	1	1	5.612144
EV3_str	BOBJ1	181	After	Interior Girder 6	21	0.95	1	1	5.934583
EV3_str	BOBJ1	184	Before	Left Exterior Girder	24	0.95	1	1	8.460549
EV3_str	BOBJ1	184	Before	Interior Girder 1	24	0.95	1	1	5.96571
EV3_str	BOBJ1	184	Before	Interior Girder 2	24	0.95	1	1	5.668661
EV3_str	BOBJ1	184	Before	Interior Girder 3	24	0.95	1	1	5.187971
EV3_str	BOBJ1	184	Before	Interior Girder 4	24	0.95	1	1	5.251957
EV3_str	BOBJ1	184	Before	Interior Girder 5	24	0.95	1	1	5.655373
EV3_str	BOBJ1	184	Before	Interior Girder 6	24	0.95	1	1	5.980822
EV3_str	BOBJ1	184	Before	Right Exterior Girder	24	0.95	1	1	8.470296
EV3_str	BOBJ1	184	After	Left Exterior Girder	24	0.95	1	1	9.417994
EV3_str	BOBJ1	184	After	Interior Girder 1	24	0.95	1	1	7.754801
EV3_str	BOBJ1	184	After	Interior Girder 2	24	0.95	1	1	7.42367
EV3_str	BOBJ1	184	After	Interior Girder 3	24	0.95	1	1	7.365685
EV3_str	BOBJ1	184	After	Interior Girder 4	24	0.95	1	1	7.389017

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Approach, Span 4-€									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
EV3_str	BOBJ1	184	After	Interior Girder 5	24	0.95	1	1	7.418393
EV3_str	BOBJ1	184	After	Interior Girder 6	24	0.95	1	1	7.75288
EV3_str	BOBJ1	184	After	Right Exterior Girder	24	0.95	1	1	9.43061
EV3_str	BOBJ1	192	Before	Left Exterior Girder	32	0.95	1	1	9.558484
EV3_str	BOBJ1	192	Before	Interior Girder 1	32	0.95	1	1	7.913512
EV3_str	BOBJ1	192	Before	Interior Girder 2	32	0.95	1	1	7.574285
EV3_str	BOBJ1	192	Before	Interior Girder 3	32	0.95	1	1	7.514955
EV3_str	BOBJ1	192	Before	Interior Girder 4	32	0.95	1	1	7.538761
EV3_str	BOBJ1	192	Before	Interior Girder 5	32	0.95	1	1	7.5689
EV3_str	BOBJ1	192	Before	Interior Girder 6	32	0.95	1	1	7.911552
EV3_str	BOBJ1	192	Before	Right Exterior Girder	32	0.95	1	1	9.571288
EV3_str	BOBJ1	192	After	Left Exterior Girder	32	0.95	1	1	14.599167
EV3_str	BOBJ1	192	After	Interior Girder 1	32	0.95	1	1	7.998957
EV3_str	BOBJ1	192	After	Interior Girder 2	32	0.95	1	1	7.41728
EV3_str	BOBJ1	192	After	Interior Girder 3	32	0.95	1	1	6.53866
EV3_str	BOBJ1	192	After	Interior Girder 4	32	0.95	1	1	6.622328
EV3_str	BOBJ1	192	After	Interior Girder 5	32	0.95	1	1	7.385303
EV3_str	BOBJ1	192	After	Interior Girder 6	32	0.95	1	1	8.042817
EV3_str	BOBJ1	192	After	Right Exterior Girder	32	0.95	1	1	14.599167
EV3_str	BOBJ1	200	Before	Left Exterior Girder	40	0.95	1	1	14.810198
EV3_str	BOBJ1	200	Before	Interior Girder 1	40	0.95	1	1	8.156983
EV3_str	BOBJ1	200	Before	Interior Girder 2	40	0.95	1	1	7.563711
EV3_str	BOBJ1	200	Before	Interior Girder 3	40	0.95	1	1	6.667379
EV3_str	BOBJ1	200	Before	Interior Girder 4	40	0.95	1	1	6.752694
EV3_str	BOBJ1	200	Before	Interior Girder 5	40	0.95	1	1	7.531103
EV3_str	BOBJ1	200	Before	Interior Girder 6	40	0.95	1	1	8.20171
EV3_str	BOBJ1	200	Before	Right Exterior Girder	40	0.95	1	1	14.810198
EV3_str	BOBJ1	200	After	Left Exterior Girder	40	0.95	1	1	17.600776
EV3_str	BOBJ1	200	After	Interior Girder 1	40	0.95	1	1	11.009485
EV3_str	BOBJ1	200	After	Interior Girder 2	40	0.95	1	1	9.742453
EV3_str	BOBJ1	200	After	Interior Girder 3	40	0.95	1	1	8.195618
EV3_str	BOBJ1	200	After	Interior Girder 4	40	0.95	1	1	8.321154
EV3_str	BOBJ1	200	After	Interior Girder 5	40	0.95	1	1	9.683728
EV3_str	BOBJ1	200	After	Interior Girder 6	40	0.95	1	1	11.084324
EV3_str	BOBJ1	200	After	Right Exterior Girder	40	0.95	1	1	17.600776
EV3_str	BOBJ1	208	Before	Left Exterior Girder	48	0.95	1	1	17.845914
EV3_str	BOBJ1	208	Before	Interior Girder 1	48	0.95	1	1	10.807972
EV3_str	BOBJ1	208	Before	Interior Girder 2	48	0.95	1	1	9.563694
EV3_str	BOBJ1	208	Before	Interior Girder 3	48	0.95	1	1	8.044937
EV3_str	BOBJ1	208	Before	Interior Girder 4	48	0.95	1	1	8.168164
EV3_str	BOBJ1	208	Before	Interior Girder 5	48	0.95	1	1	9.506046
EV3_str	BOBJ1	208	Before	Interior Girder 6	48	0.95	1	1	10.881441
EV3_str	BOBJ1	208	Before	Right Exterior Girder	48	0.95	1	1	17.845914
EV3_str	BOBJ1	208	After	Left Exterior Girder	48	0.95	1	1	14.991123
EV3_str	BOBJ1	208	After	Interior Girder 1	48	0.95	1	1	11.256063
EV3_str	BOBJ1	208	After	Interior Girder 2	48	0.95	1	1	10.345599
EV3_str	BOBJ1	208	After	Interior Girder 3	48	0.95	1	1	8.645085
EV3_str	BOBJ1	208	After	Interior Girder 4	48	0.95	1	1	8.788675
EV3_str	BOBJ1	208	After	Interior Girder 5	48	0.95	1	1	10.28105
EV3_str	BOBJ1	208	After	Interior Girder 6	48	0.95	1	1	11.250116
EV3_str	BOBJ1	208	After	Right Exterior Girder	48	0.95	1	1	15.01416
EV3_str	BOBJ1	216	Before	Left Exterior Girder	56	0.95	1	1	14.785022
EV3_str	BOBJ1	216	Before	Interior Girder 1	56	0.95	1	1	11.043075
EV3_str	BOBJ1	216	Before	Interior Girder 2	56	0.95	1	1	10.190467
EV3_str	BOBJ1	216	Before	Interior Girder 3	56	0.95	1	1	8.806616
EV3_str	BOBJ1	216	Before	Interior Girder 4	56	0.95	1	1	8.952888
EV3_str	BOBJ1	216	Before	Interior Girder 5	56	0.95	1	1	10.184707
EV3_str	BOBJ1	216	Before	Interior Girder 6	56	0.95	1	1	11.037241
EV3_str	BOBJ1	216	Before	Right Exterior Girder	56	0.95	1	1	14.807743
EV3_str	BOBJ1	216	After	Left Exterior Girder	56	0.95	1	1	12.815912
EV3_str	BOBJ1	216	After	Interior Girder 1	56	0.95	1	1	7.74478
EV3_str	BOBJ1	216	After	Interior Girder 2	56	0.95	1	1	7.26498
EV3_str	BOBJ1	216	After	Interior Girder 3	56	0.95	1	1	6.470134
EV3_str	BOBJ1	216	After	Interior Girder 4	56	0.95	1	1	6.551215
EV3_str	BOBJ1	216	After	Interior Girder 5	56	0.95	1	1	7.234713

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Approach, Span 4-6									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
EV3_str	BOBJ1	216	After	Interior Girder 6	56	0.95	1	1	7.785634
EV3_str	BOBJ1	216	After	Right Exterior Girder	56	0.95	1	1	12.833967
EV3_str	BOBJ1	224	Before	Left Exterior Girder	64	0.95	1	1	12.633111
EV3_str	BOBJ1	224	Before	Interior Girder 1	64	0.95	1	1	7.594642
EV3_str	BOBJ1	224	Before	Interior Girder 2	64	0.95	1	1	7.124291
EV3_str	BOBJ1	224	Before	Interior Girder 3	64	0.95	1	1	6.344886
EV3_str	BOBJ1	224	Before	Interior Girder 4	64	0.95	1	1	6.424398
EV3_str	BOBJ1	224	Before	Interior Girder 5	64	0.95	1	1	7.09461
EV3_str	BOBJ1	224	Before	Interior Girder 6	64	0.95	1	1	7.634703
EV3_str	BOBJ1	224	Before	Right Exterior Girder	64	0.95	1	1	12.650908
EV3_str	BOBJ1	224	After	Left Exterior Girder	64	0.95	1	1	8.603604
EV3_str	BOBJ1	224	After	Interior Girder 1	64	0.95	1	1	7.307513
EV3_str	BOBJ1	224	After	Interior Girder 2	64	0.95	1	1	6.861705
EV3_str	BOBJ1	224	After	Interior Girder 3	64	0.95	1	1	6.513906
EV3_str	BOBJ1	224	After	Interior Girder 4	64	0.95	1	1	6.536164
EV3_str	BOBJ1	224	After	Interior Girder 5	64	0.95	1	1	6.854711
EV3_str	BOBJ1	224	After	Interior Girder 6	64	0.95	1	1	7.307719
EV3_str	BOBJ1	224	After	Right Exterior Girder	64	0.95	1	1	8.612308
EV3_str	BOBJ1	232	Before	Left Exterior Girder	72	0.95	1	1	8.476567
EV3_str	BOBJ1	232	Before	Interior Girder 1	72	0.95	1	1	7.161414
EV3_str	BOBJ1	232	Before	Interior Girder 2	72	0.95	1	1	6.725556
EV3_str	BOBJ1	232	Before	Interior Girder 3	72	0.95	1	1	6.383822
EV3_str	BOBJ1	232	Before	Interior Girder 4	72	0.95	1	1	6.405635
EV3_str	BOBJ1	232	Before	Interior Girder 5	72	0.95	1	1	6.718702
EV3_str	BOBJ1	232	Before	Interior Girder 6	72	0.95	1	1	7.161617
EV3_str	BOBJ1	232	Before	Right Exterior Girder	72	0.95	1	1	8.485142
EV3_str	BOBJ1	232	After	Left Exterior Girder	72	0.95	1	1	7.731384
EV3_str	BOBJ1	232	After	Interior Girder 1	72	0.95	1	1	5.205893
EV3_str	BOBJ1	232	After	Interior Girder 2	72	0.95	1	1	4.935533
EV3_str	BOBJ1	232	After	Interior Girder 3	72	0.95	1	1	4.229145
EV3_str	BOBJ1	232	After	Interior Girder 4	72	0.95	1	1	4.27783
EV3_str	BOBJ1	232	After	Interior Girder 5	72	0.95	1	1	4.913676
EV3_str	BOBJ1	232	After	Interior Girder 6	72	0.95	1	1	5.234719
EV3_str	BOBJ1	232	After	Right Exterior Girder	72	0.95	1	1	7.739018
EV3_str	BOBJ1	240	Before	Left Exterior Girder	80	0.95	1	1	7.612423
EV3_str	BOBJ1	240	Before	Interior Girder 1	80	0.95	1	1	5.099253
EV3_str	BOBJ1	240	Before	Interior Girder 2	80	0.95	1	1	4.835028
EV3_str	BOBJ1	240	Before	Interior Girder 3	80	0.95	1	1	4.142251
EV3_str	BOBJ1	240	Before	Interior Girder 4	80	0.95	1	1	4.189936
EV3_str	BOBJ1	240	Before	Interior Girder 5	80	0.95	1	1	4.813616
EV3_str	BOBJ1	240	Before	Interior Girder 6	80	0.95	1	1	5.127488
EV3_str	BOBJ1	240	Before	Right Exterior Girder	80	0.95	1	1	7.619939
EV3-Neg_str	BOBJ1	0	After	Left Exterior Girder	0	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	0	After	Interior Girder 1	0	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	0	After	Interior Girder 2	0	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	0	After	Interior Girder 3	0	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	0	After	Interior Girder 4	0	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	0	After	Interior Girder 5	0	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	0	After	Interior Girder 6	0	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	0	After	Right Exterior Girder	0	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	8	Before	Left Exterior Girder	8	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	8	Before	Interior Girder 1	8	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	8	Before	Interior Girder 2	8	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	8	Before	Interior Girder 3	8	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	8	Before	Interior Girder 4	8	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	8	Before	Interior Girder 5	8	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	8	Before	Interior Girder 6	8	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	8	Before	Right Exterior Girder	8	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	8	After	Left Exterior Girder	8	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	8	After	Interior Girder 1	8	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	8	After	Interior Girder 2	8	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	8	After	Interior Girder 3	8	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	8	After	Interior Girder 4	8	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	8	After	Interior Girder 5	8	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	8	After	Interior Girder 6	8	0.95	1	1	10000000

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Approach, Span 4-6									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
EV3-Neg_str	BOBJ1	8	After	Right Exterior Girder	8	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	16	Before	Left Exterior Girder	16	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	16	Before	Interior Girder 1	16	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	16	Before	Interior Girder 2	16	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	16	Before	Interior Girder 3	16	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	16	Before	Interior Girder 4	16	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	16	Before	Interior Girder 5	16	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	16	Before	Interior Girder 6	16	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	16	Before	Right Exterior Girder	16	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	16	After	Left Exterior Girder	16	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	16	After	Interior Girder 1	16	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	16	After	Interior Girder 2	16	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	16	After	Interior Girder 3	16	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	16	After	Interior Girder 4	16	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	16	After	Interior Girder 5	16	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	16	After	Interior Girder 6	16	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	16	After	Right Exterior Girder	16	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	20.5	Before	Left Exterior Girder	20.5	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	20.5	Before	Right Exterior Girder	20.5	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	20.5	After	Left Exterior Girder	20.5	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	20.5	After	Right Exterior Girder	20.5	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	24	Before	Left Exterior Girder	24	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	24	Before	Interior Girder 1	24	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	24	Before	Interior Girder 2	24	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	24	Before	Interior Girder 3	24	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	24	Before	Interior Girder 4	24	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	24	Before	Interior Girder 5	24	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	24	Before	Interior Girder 6	24	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	24	Before	Right Exterior Girder	24	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	24	After	Left Exterior Girder	24	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	24	After	Interior Girder 1	24	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	24	After	Interior Girder 2	24	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	24	After	Interior Girder 3	24	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	24	After	Interior Girder 4	24	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	24	After	Interior Girder 5	24	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	24	After	Interior Girder 6	24	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	24	After	Right Exterior Girder	24	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	32	Before	Left Exterior Girder	32	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	32	Before	Interior Girder 1	32	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	32	Before	Interior Girder 2	32	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	32	Before	Interior Girder 3	32	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	32	Before	Interior Girder 4	32	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	32	Before	Interior Girder 5	32	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	32	Before	Interior Girder 6	32	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	32	Before	Right Exterior Girder	32	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	32	After	Left Exterior Girder	32	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	32	After	Interior Girder 1	32	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	32	After	Interior Girder 2	32	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	32	After	Interior Girder 3	32	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	32	After	Interior Girder 4	32	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	32	After	Interior Girder 5	32	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	32	After	Interior Girder 6	32	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	32	After	Right Exterior Girder	32	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	40	Before	Left Exterior Girder	40	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	40	Before	Interior Girder 1	40	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	40	Before	Interior Girder 2	40	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	40	Before	Interior Girder 3	40	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	40	Before	Interior Girder 4	40	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	40	Before	Interior Girder 5	40	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	40	Before	Interior Girder 6	40	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	40	Before	Right Exterior Girder	40	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	40	After	Left Exterior Girder	40	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	40	After	Interior Girder 1	40	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	40	After	Interior Girder 2	40	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	40	After	Interior Girder 3	40	0.95	1	1	10000000

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Approach, Span 4-6									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
EV3-Neg_str	BOBJ1	40	After	Interior Girder 4	40	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	40	After	Interior Girder 5	40	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	40	After	Interior Girder 6	40	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	40	After	Right Exterior Girder	40	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	46.5	Before	Left Exterior Girder	46.5	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	46.5	Before	Right Exterior Girder	46.5	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	46.5	After	Left Exterior Girder	46.5	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	46.5	After	Right Exterior Girder	46.5	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	48	Before	Left Exterior Girder	48	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	48	Before	Interior Girder 1	48	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	48	Before	Interior Girder 2	48	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	48	Before	Interior Girder 3	48	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	48	Before	Interior Girder 4	48	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	48	Before	Interior Girder 5	48	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	48	Before	Interior Girder 6	48	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	48	Before	Right Exterior Girder	48	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	48	After	Left Exterior Girder	48	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	48	After	Interior Girder 1	48	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	48	After	Interior Girder 2	48	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	48	After	Interior Girder 3	48	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	48	After	Interior Girder 4	48	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	48	After	Interior Girder 5	48	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	48	After	Interior Girder 6	48	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	48	After	Right Exterior Girder	48	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	56	Before	Left Exterior Girder	56	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	56	Before	Interior Girder 1	56	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	56	Before	Interior Girder 2	56	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	56	Before	Interior Girder 3	56	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	56	Before	Interior Girder 4	56	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	56	Before	Interior Girder 5	56	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	56	Before	Interior Girder 6	56	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	56	Before	Right Exterior Girder	56	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	56	After	Left Exterior Girder	56	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	56	After	Interior Girder 1	56	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	56	After	Interior Girder 2	56	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	56	After	Interior Girder 3	56	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	56	After	Interior Girder 4	56	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	56	After	Interior Girder 5	56	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	56	After	Interior Girder 6	56	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	56	After	Right Exterior Girder	56	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	59	Before	Interior Girder 1	59	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	59	Before	Interior Girder 2	59	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	59	Before	Interior Girder 3	59	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	59	Before	Interior Girder 4	59	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	59	Before	Interior Girder 5	59	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	59	Before	Interior Girder 6	59	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	59	After	Interior Girder 1	59	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	59	After	Interior Girder 2	59	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	59	After	Interior Girder 3	59	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	59	After	Interior Girder 4	59	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	59	After	Interior Girder 5	59	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	59	After	Interior Girder 6	59	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	64	Before	Left Exterior Girder	64	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	64	Before	Interior Girder 1	64	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	64	Before	Interior Girder 2	64	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	64	Before	Interior Girder 3	64	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	64	Before	Interior Girder 4	64	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	64	Before	Interior Girder 5	64	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	64	Before	Interior Girder 6	64	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	64	Before	Right Exterior Girder	64	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	64	After	Left Exterior Girder	64	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	64	After	Interior Girder 1	64	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	64	After	Interior Girder 2	64	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	64	After	Interior Girder 3	64	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	64	After	Interior Girder 4	64	0.95	1	1	10000000

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Approach, Span 4-6									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
EV3-Neg_str	BOBJ1	64	After	Interior Girder 5	64	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	64	After	Interior Girder 6	64	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	64	After	Right Exterior Girder	64	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	69	Before	Interior Girder 1	69	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	69	Before	Interior Girder 2	69	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	69	Before	Interior Girder 3	69	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	69	Before	Interior Girder 4	69	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	69	Before	Interior Girder 5	69	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	69	Before	Interior Girder 6	69	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	69	After	Interior Girder 1	69	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	69	After	Interior Girder 2	69	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	69	After	Interior Girder 3	69	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	69	After	Interior Girder 4	69	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	69	After	Interior Girder 5	69	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	69	After	Interior Girder 6	69	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	72	Before	Left Exterior Girder	72	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	72	Before	Interior Girder 1	72	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	72	Before	Interior Girder 2	72	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	72	Before	Interior Girder 3	72	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	72	Before	Interior Girder 4	72	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	72	Before	Interior Girder 5	72	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	72	Before	Interior Girder 6	72	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	72	Before	Right Exterior Girder	72	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	72	After	Left Exterior Girder	72	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	72	After	Interior Girder 1	72	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	72	After	Interior Girder 2	72	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	72	After	Interior Girder 3	72	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	72	After	Interior Girder 4	72	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	72	After	Interior Girder 5	72	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	72	After	Interior Girder 6	72	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	72	After	Right Exterior Girder	72	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	72.5	Before	Left Exterior Girder	72.5	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	72.5	Before	Right Exterior Girder	72.5	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	72.5	After	Left Exterior Girder	72.5	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	72.5	After	Right Exterior Girder	72.5	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	80	Before	Left Exterior Girder	80	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	80	Before	Interior Girder 1	80	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	80	Before	Interior Girder 2	80	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	80	Before	Interior Girder 3	80	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	80	Before	Interior Girder 4	80	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	80	Before	Interior Girder 5	80	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	80	Before	Interior Girder 6	80	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	80	Before	Right Exterior Girder	80	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	80	After	Left Exterior Girder	0	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	80	After	Interior Girder 1	0	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	80	After	Interior Girder 2	0	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	80	After	Interior Girder 3	0	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	80	After	Interior Girder 4	0	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	80	After	Interior Girder 5	0	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	80	After	Interior Girder 6	0	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	80	After	Right Exterior Girder	0	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	87.5	Before	Left Exterior Girder	7.5	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	87.5	Before	Right Exterior Girder	7.5	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	87.5	After	Left Exterior Girder	7.5	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	87.5	After	Right Exterior Girder	7.5	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	88	Before	Left Exterior Girder	8	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	88	Before	Interior Girder 1	8	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	88	Before	Interior Girder 2	8	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	88	Before	Interior Girder 3	8	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	88	Before	Interior Girder 4	8	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	88	Before	Interior Girder 5	8	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	88	Before	Interior Girder 6	8	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	88	Before	Right Exterior Girder	8	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	88	After	Left Exterior Girder	8	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	88	After	Interior Girder 1	8	0.95	1	1	10000000

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Approach, Span 4-6									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
EV3-Neg_str	BOBJ1	88	After	Interior Girder 2	8	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	88	After	Interior Girder 3	8	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	88	After	Interior Girder 4	8	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	88	After	Interior Girder 5	8	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	88	After	Interior Girder 6	8	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	88	After	Right Exterior Girder	8	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	91	Before	Interior Girder 1	11	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	91	Before	Interior Girder 2	11	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	91	Before	Interior Girder 3	11	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	91	Before	Interior Girder 4	11	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	91	Before	Interior Girder 5	11	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	91	Before	Interior Girder 6	11	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	91	After	Interior Girder 1	11	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	91	After	Interior Girder 2	11	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	91	After	Interior Girder 3	11	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	91	After	Interior Girder 4	11	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	91	After	Interior Girder 5	11	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	91	After	Interior Girder 6	11	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	96	Before	Left Exterior Girder	16	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	96	Before	Interior Girder 1	16	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	96	Before	Interior Girder 2	16	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	96	Before	Interior Girder 3	16	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	96	Before	Interior Girder 4	16	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	96	Before	Interior Girder 5	16	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	96	Before	Interior Girder 6	16	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	96	Before	Right Exterior Girder	16	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	96	After	Left Exterior Girder	16	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	96	After	Interior Girder 1	16	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	96	After	Interior Girder 2	16	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	96	After	Interior Girder 3	16	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	96	After	Interior Girder 4	16	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	96	After	Interior Girder 5	16	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	96	After	Interior Girder 6	16	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	96	After	Right Exterior Girder	16	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	104	Before	Left Exterior Girder	24	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	104	Before	Interior Girder 1	24	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	104	Before	Interior Girder 2	24	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	104	Before	Interior Girder 3	24	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	104	Before	Interior Girder 4	24	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	104	Before	Interior Girder 5	24	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	104	Before	Interior Girder 6	24	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	104	Before	Right Exterior Girder	24	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	104	After	Left Exterior Girder	24	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	104	After	Interior Girder 1	24	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	104	After	Interior Girder 2	24	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	104	After	Interior Girder 3	24	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	104	After	Interior Girder 4	24	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	104	After	Interior Girder 5	24	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	104	After	Interior Girder 6	24	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	104	After	Right Exterior Girder	24	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	112	Before	Left Exterior Girder	32	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	112	Before	Interior Girder 1	32	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	112	Before	Interior Girder 2	32	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	112	Before	Interior Girder 3	32	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	112	Before	Interior Girder 4	32	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	112	Before	Interior Girder 5	32	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	112	Before	Interior Girder 6	32	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	112	Before	Right Exterior Girder	32	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	112	After	Left Exterior Girder	32	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	112	After	Interior Girder 1	32	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	112	After	Interior Girder 2	32	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	112	After	Interior Girder 3	32	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	112	After	Interior Girder 4	32	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	112	After	Interior Girder 5	32	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	112	After	Interior Girder 6	32	0.95	1	1	10000000

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Approach, Span 4-6									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
EV3-Neg_str	BOBJ1	112	After	Right Exterior Girder	32	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	120	Before	Left Exterior Girder	40	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	120	Before	Interior Girder 1	40	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	120	Before	Interior Girder 2	40	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	120	Before	Interior Girder 3	40	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	120	Before	Interior Girder 4	40	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	120	Before	Interior Girder 5	40	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	120	Before	Interior Girder 6	40	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	120	Before	Right Exterior Girder	40	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	120	After	Left Exterior Girder	40	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	120	After	Interior Girder 1	40	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	120	After	Interior Girder 2	40	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	120	After	Interior Girder 3	40	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	120	After	Interior Girder 4	40	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	120	After	Interior Girder 5	40	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	120	After	Interior Girder 6	40	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	120	After	Right Exterior Girder	40	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	128	Before	Left Exterior Girder	48	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	128	Before	Interior Girder 1	48	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	128	Before	Interior Girder 2	48	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	128	Before	Interior Girder 3	48	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	128	Before	Interior Girder 4	48	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	128	Before	Interior Girder 5	48	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	128	Before	Interior Girder 6	48	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	128	Before	Right Exterior Girder	48	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	128	After	Left Exterior Girder	48	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	128	After	Interior Girder 1	48	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	128	After	Interior Girder 2	48	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	128	After	Interior Girder 3	48	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	128	After	Interior Girder 4	48	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	128	After	Interior Girder 5	48	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	128	After	Interior Girder 6	48	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	128	After	Right Exterior Girder	48	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	136	Before	Left Exterior Girder	56	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	136	Before	Interior Girder 1	56	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	136	Before	Interior Girder 2	56	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	136	Before	Interior Girder 3	56	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	136	Before	Interior Girder 4	56	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	136	Before	Interior Girder 5	56	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	136	Before	Interior Girder 6	56	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	136	Before	Right Exterior Girder	56	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	136	After	Left Exterior Girder	56	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	136	After	Interior Girder 1	56	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	136	After	Interior Girder 2	56	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	136	After	Interior Girder 3	56	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	136	After	Interior Girder 4	56	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	136	After	Interior Girder 5	56	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	136	After	Interior Girder 6	56	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	136	After	Right Exterior Girder	56	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	144	Before	Left Exterior Girder	64	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	144	Before	Interior Girder 1	64	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	144	Before	Interior Girder 2	64	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	144	Before	Interior Girder 3	64	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	144	Before	Interior Girder 4	64	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	144	Before	Interior Girder 5	64	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	144	Before	Interior Girder 6	64	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	144	Before	Right Exterior Girder	64	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	144	After	Left Exterior Girder	64	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	144	After	Interior Girder 1	64	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	144	After	Interior Girder 2	64	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	144	After	Interior Girder 3	64	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	144	After	Interior Girder 4	64	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	144	After	Interior Girder 5	64	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	144	After	Interior Girder 6	64	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	144	After	Right Exterior Girder	64	0.95	1	1	10000000

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Approach, Span 4-6									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
EV3-Neg_str	BOBJ1	150	Before	Interior Girder 1	70	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	150	Before	Interior Girder 2	70	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	150	Before	Interior Girder 3	70	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	150	Before	Interior Girder 4	70	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	150	Before	Interior Girder 5	70	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	150	Before	Interior Girder 6	70	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	150	After	Interior Girder 1	70	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	150	After	Interior Girder 2	70	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	150	After	Interior Girder 3	70	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	150	After	Interior Girder 4	70	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	150	After	Interior Girder 5	70	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	150	After	Interior Girder 6	70	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	152	Before	Left Exterior Girder	72	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	152	Before	Interior Girder 1	72	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	152	Before	Interior Girder 2	72	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	152	Before	Interior Girder 3	72	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	152	Before	Interior Girder 4	72	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	152	Before	Interior Girder 5	72	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	152	Before	Interior Girder 6	72	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	152	Before	Right Exterior Girder	72	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	152	After	Left Exterior Girder	72	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	152	After	Interior Girder 1	72	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	152	After	Interior Girder 2	72	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	152	After	Interior Girder 3	72	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	152	After	Interior Girder 4	72	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	152	After	Interior Girder 5	72	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	152	After	Interior Girder 6	72	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	152	After	Right Exterior Girder	72	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	154	Before	Left Exterior Girder	74	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	154	Before	Right Exterior Girder	74	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	154	After	Left Exterior Girder	74	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	154	After	Right Exterior Girder	74	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	160	Before	Left Exterior Girder	80	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	160	Before	Interior Girder 1	80	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	160	Before	Interior Girder 2	80	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	160	Before	Interior Girder 3	80	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	160	Before	Interior Girder 4	80	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	160	Before	Interior Girder 5	80	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	160	Before	Interior Girder 6	80	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	160	Before	Right Exterior Girder	80	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	160	After	Left Exterior Girder	0	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	160	After	Interior Girder 1	0	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	160	After	Interior Girder 2	0	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	160	After	Interior Girder 3	0	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	160	After	Interior Girder 4	0	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	160	After	Interior Girder 5	0	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	160	After	Interior Girder 6	0	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	160	After	Right Exterior Girder	0	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	166	Before	Left Exterior Girder	6	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	166	Before	Right Exterior Girder	6	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	166	After	Left Exterior Girder	6	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	166	After	Right Exterior Girder	6	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	168	Before	Left Exterior Girder	8	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	168	Before	Interior Girder 1	8	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	168	Before	Interior Girder 2	8	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	168	Before	Interior Girder 3	8	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	168	Before	Interior Girder 4	8	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	168	Before	Interior Girder 5	8	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	168	Before	Interior Girder 6	8	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	168	Before	Right Exterior Girder	8	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	168	After	Left Exterior Girder	8	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	168	After	Interior Girder 1	8	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	168	After	Interior Girder 2	8	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	168	After	Interior Girder 3	8	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	168	After	Interior Girder 4	8	0.95	1	1	10000000

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Approach, Span 4-6									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
EV3-Neg_str	BOBJ1	168	After	Interior Girder 5	8	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	168	After	Interior Girder 6	8	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	168	After	Right Exterior Girder	8	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	170	Before	Interior Girder 1	10	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	170	Before	Interior Girder 2	10	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	170	Before	Interior Girder 3	10	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	170	Before	Interior Girder 4	10	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	170	Before	Interior Girder 5	10	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	170	Before	Interior Girder 6	10	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	170	After	Interior Girder 1	10	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	170	After	Interior Girder 2	10	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	170	After	Interior Girder 3	10	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	170	After	Interior Girder 4	10	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	170	After	Interior Girder 5	10	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	170	After	Interior Girder 6	10	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	176	Before	Left Exterior Girder	16	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	176	Before	Interior Girder 1	16	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	176	Before	Interior Girder 2	16	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	176	Before	Interior Girder 3	16	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	176	Before	Interior Girder 4	16	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	176	Before	Interior Girder 5	16	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	176	Before	Interior Girder 6	16	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	176	Before	Right Exterior Girder	16	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	176	After	Left Exterior Girder	16	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	176	After	Interior Girder 1	16	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	176	After	Interior Girder 2	16	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	176	After	Interior Girder 3	16	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	176	After	Interior Girder 4	16	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	176	After	Interior Girder 5	16	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	176	After	Interior Girder 6	16	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	176	After	Right Exterior Girder	16	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	181	Before	Interior Girder 1	21	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	181	Before	Interior Girder 2	21	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	181	Before	Interior Girder 3	21	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	181	Before	Interior Girder 4	21	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	181	Before	Interior Girder 5	21	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	181	Before	Interior Girder 6	21	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	181	After	Interior Girder 1	21	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	181	After	Interior Girder 2	21	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	181	After	Interior Girder 3	21	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	181	After	Interior Girder 4	21	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	181	After	Interior Girder 5	21	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	181	After	Interior Girder 6	21	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	184	Before	Left Exterior Girder	24	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	184	Before	Interior Girder 1	24	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	184	Before	Interior Girder 2	24	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	184	Before	Interior Girder 3	24	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	184	Before	Interior Girder 4	24	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	184	Before	Interior Girder 5	24	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	184	Before	Interior Girder 6	24	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	184	Before	Right Exterior Girder	24	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	184	After	Left Exterior Girder	24	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	184	After	Interior Girder 1	24	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	184	After	Interior Girder 2	24	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	184	After	Interior Girder 3	24	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	184	After	Interior Girder 4	24	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	184	After	Interior Girder 5	24	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	184	After	Interior Girder 6	24	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	184	After	Right Exterior Girder	24	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	192	Before	Left Exterior Girder	32	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	192	Before	Interior Girder 1	32	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	192	Before	Interior Girder 2	32	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	192	Before	Interior Girder 3	32	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	192	Before	Interior Girder 4	32	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	192	Before	Interior Girder 5	32	0.95	1	1	10000000

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Approach, Span 4-6									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
EV3-Neg_str	BOBJ1	192	Before	Interior Girder 6	32	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	192	Before	Right Exterior Girder	32	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	192	After	Left Exterior Girder	32	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	192	After	Interior Girder 1	32	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	192	After	Interior Girder 2	32	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	192	After	Interior Girder 3	32	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	192	After	Interior Girder 4	32	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	192	After	Interior Girder 5	32	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	192	After	Interior Girder 6	32	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	192	After	Right Exterior Girder	32	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	200	Before	Left Exterior Girder	40	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	200	Before	Interior Girder 1	40	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	200	Before	Interior Girder 2	40	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	200	Before	Interior Girder 3	40	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	200	Before	Interior Girder 4	40	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	200	Before	Interior Girder 5	40	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	200	Before	Interior Girder 6	40	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	200	Before	Right Exterior Girder	40	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	200	After	Left Exterior Girder	40	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	200	After	Interior Girder 1	40	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	200	After	Interior Girder 2	40	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	200	After	Interior Girder 3	40	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	200	After	Interior Girder 4	40	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	200	After	Interior Girder 5	40	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	200	After	Interior Girder 6	40	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	200	After	Right Exterior Girder	40	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	208	Before	Left Exterior Girder	48	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	208	Before	Interior Girder 1	48	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	208	Before	Interior Girder 2	48	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	208	Before	Interior Girder 3	48	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	208	Before	Interior Girder 4	48	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	208	Before	Interior Girder 5	48	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	208	Before	Interior Girder 6	48	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	208	Before	Right Exterior Girder	48	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	208	After	Left Exterior Girder	48	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	208	After	Interior Girder 1	48	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	208	After	Interior Girder 2	48	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	208	After	Interior Girder 3	48	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	208	After	Interior Girder 4	48	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	208	After	Interior Girder 5	48	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	208	After	Interior Girder 6	48	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	208	After	Right Exterior Girder	48	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	216	Before	Left Exterior Girder	56	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	216	Before	Interior Girder 1	56	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	216	Before	Interior Girder 2	56	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	216	Before	Interior Girder 3	56	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	216	Before	Interior Girder 4	56	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	216	Before	Interior Girder 5	56	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	216	Before	Interior Girder 6	56	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	216	Before	Right Exterior Girder	56	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	216	After	Left Exterior Girder	56	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	216	After	Interior Girder 1	56	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	216	After	Interior Girder 2	56	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	216	After	Interior Girder 3	56	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	216	After	Interior Girder 4	56	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	216	After	Interior Girder 5	56	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	216	After	Interior Girder 6	56	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	216	After	Right Exterior Girder	56	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	224	Before	Left Exterior Girder	64	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	224	Before	Interior Girder 1	64	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	224	Before	Interior Girder 2	64	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	224	Before	Interior Girder 3	64	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	224	Before	Interior Girder 4	64	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	224	Before	Interior Girder 5	64	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	224	Before	Interior Girder 6	64	0.95	1	1	10000000

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Approach, Span 4-6									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
EV3-Neg_str	BOBJ1	224	Before	Right Exterior Girder	64	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	224	After	Left Exterior Girder	64	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	224	After	Interior Girder 1	64	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	224	After	Interior Girder 2	64	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	224	After	Interior Girder 3	64	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	224	After	Interior Girder 4	64	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	224	After	Interior Girder 5	64	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	224	After	Interior Girder 6	64	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	224	After	Right Exterior Girder	64	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	232	Before	Left Exterior Girder	72	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	232	Before	Interior Girder 1	72	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	232	Before	Interior Girder 2	72	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	232	Before	Interior Girder 3	72	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	232	Before	Interior Girder 4	72	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	232	Before	Interior Girder 5	72	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	232	Before	Interior Girder 6	72	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	232	Before	Right Exterior Girder	72	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	232	After	Left Exterior Girder	72	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	232	After	Interior Girder 1	72	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	232	After	Interior Girder 2	72	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	232	After	Interior Girder 3	72	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	232	After	Interior Girder 4	72	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	232	After	Interior Girder 5	72	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	232	After	Interior Girder 6	72	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	232	After	Right Exterior Girder	72	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	240	Before	Left Exterior Girder	80	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	240	Before	Interior Girder 1	80	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	240	Before	Interior Girder 2	80	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	240	Before	Interior Girder 3	80	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	240	Before	Interior Girder 4	80	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	240	Before	Interior Girder 5	80	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	240	Before	Interior Girder 6	80	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	240	Before	Right Exterior Girder	80	0.95	1	1	10000000
Gravel Truck_str	BOBJ1	0	After	Left Exterior Girder	0	0.95	1	1	9.104164
Gravel Truck_str	BOBJ1	0	After	Interior Girder 1	0	0.95	1	1	7.053412
Gravel Truck_str	BOBJ1	0	After	Interior Girder 2	0	0.95	1	1	6.549819
Gravel Truck_str	BOBJ1	0	After	Interior Girder 3	0	0.95	1	1	6.057744
Gravel Truck_str	BOBJ1	0	After	Interior Girder 4	0	0.95	1	1	6.090571
Gravel Truck_str	BOBJ1	0	After	Interior Girder 5	0	0.95	1	1	6.529667
Gravel Truck_str	BOBJ1	0	After	Interior Girder 6	0	0.95	1	1	7.07956
Gravel Truck_str	BOBJ1	0	After	Right Exterior Girder	0	0.95	1	1	9.115853
Gravel Truck_str	BOBJ1	8	Before	Left Exterior Girder	8	0.95	1	1	9.240242
Gravel Truck_str	BOBJ1	8	Before	Interior Girder 1	8	0.95	1	1	7.195978
Gravel Truck_str	BOBJ1	8	Before	Interior Girder 2	8	0.95	1	1	6.681464
Gravel Truck_str	BOBJ1	8	Before	Interior Girder 3	8	0.95	1	1	6.180055
Gravel Truck_str	BOBJ1	8	Before	Interior Girder 4	8	0.95	1	1	6.213545
Gravel Truck_str	BOBJ1	8	Before	Interior Girder 5	8	0.95	1	1	6.660907
Gravel Truck_str	BOBJ1	8	Before	Interior Girder 6	8	0.95	1	1	7.222654
Gravel Truck_str	BOBJ1	8	Before	Right Exterior Girder	8	0.95	1	1	9.252106
Gravel Truck_str	BOBJ1	8	After	Left Exterior Girder	8	0.95	1	1	10.300555
Gravel Truck_str	BOBJ1	8	After	Interior Girder 1	8	0.95	1	1	9.891284
Gravel Truck_str	BOBJ1	8	After	Interior Girder 2	8	0.95	1	1	9.041989
Gravel Truck_str	BOBJ1	8	After	Interior Girder 3	8	0.95	1	1	8.881599
Gravel Truck_str	BOBJ1	8	After	Interior Girder 4	8	0.95	1	1	8.893244
Gravel Truck_str	BOBJ1	8	After	Interior Girder 5	8	0.95	1	1	9.037181
Gravel Truck_str	BOBJ1	8	After	Interior Girder 6	8	0.95	1	1	9.889607
Gravel Truck_str	BOBJ1	8	After	Right Exterior Girder	8	0.95	1	1	10.31379
Gravel Truck_str	BOBJ1	16	Before	Left Exterior Girder	16	0.95	1	1	10.448655
Gravel Truck_str	BOBJ1	16	Before	Interior Girder 1	16	0.95	1	1	10.086343
Gravel Truck_str	BOBJ1	16	Before	Interior Girder 2	16	0.95	1	1	9.219137
Gravel Truck_str	BOBJ1	16	Before	Interior Girder 3	16	0.95	1	1	9.056046
Gravel Truck_str	BOBJ1	16	Before	Interior Girder 4	16	0.95	1	1	9.06792
Gravel Truck_str	BOBJ1	16	Before	Interior Girder 5	16	0.95	1	1	9.214235
Gravel Truck_str	BOBJ1	16	Before	Interior Girder 6	16	0.95	1	1	10.084633
Gravel Truck_str	BOBJ1	16	Before	Right Exterior Girder	16	0.95	1	1	10.462081

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Approach, Span 4-6									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Gravel Truck_str	BOBJ1	16	After	Left Exterior Girder	16	0.95	1	1	14.187244
Gravel Truck_str	BOBJ1	16	After	Interior Girder 1	16	0.95	1	1	11.000445
Gravel Truck_str	BOBJ1	16	After	Interior Girder 2	16	0.95	1	1	9.624147
Gravel Truck_str	BOBJ1	16	After	Interior Girder 3	16	0.95	1	1	8.844979
Gravel Truck_str	BOBJ1	16	After	Interior Girder 4	16	0.95	1	1	8.943794
Gravel Truck_str	BOBJ1	16	After	Interior Girder 5	16	0.95	1	1	9.589966
Gravel Truck_str	BOBJ1	16	After	Interior Girder 6	16	0.95	1	1	11.051055
Gravel Truck_str	BOBJ1	16	After	Right Exterior Girder	16	0.95	1	1	14.205204
Gravel Truck_str	BOBJ1	20.5	Before	Left Exterior Girder	20.5	0.95	1	1	14.299119
Gravel Truck_str	BOBJ1	20.5	Before	Right Exterior Girder	20.5	0.95	1	1	14.31722
Gravel Truck_str	BOBJ1	20.5	After	Left Exterior Girder	20.5	0.95	1	1	15.525389
Gravel Truck_str	BOBJ1	20.5	After	Right Exterior Girder	20.5	0.95	1	1	15.547987
Gravel Truck_str	BOBJ1	24	Before	Left Exterior Girder	24	0.95	1	1	15.629131
Gravel Truck_str	BOBJ1	24	Before	Interior Girder 1	24	0.95	1	1	10.648995
Gravel Truck_str	BOBJ1	24	Before	Interior Girder 2	24	0.95	1	1	9.808228
Gravel Truck_str	BOBJ1	24	Before	Interior Girder 3	24	0.95	1	1	9.013792
Gravel Truck_str	BOBJ1	24	Before	Interior Girder 4	24	0.95	1	1	9.114493
Gravel Truck_str	BOBJ1	24	Before	Interior Girder 5	24	0.95	1	1	9.773393
Gravel Truck_str	BOBJ1	24	Before	Interior Girder 6	24	0.95	1	1	10.693122
Gravel Truck_str	BOBJ1	24	Before	Right Exterior Girder	24	0.95	1	1	15.65188
Gravel Truck_str	BOBJ1	24	After	Left Exterior Girder	24	0.95	1	1	17.829242
Gravel Truck_str	BOBJ1	24	After	Interior Girder 1	24	0.95	1	1	15.395705
Gravel Truck_str	BOBJ1	24	After	Interior Girder 2	24	0.95	1	1	13.594454
Gravel Truck_str	BOBJ1	24	After	Interior Girder 3	24	0.95	1	1	11.794245
Gravel Truck_str	BOBJ1	24	After	Interior Girder 4	24	0.95	1	1	11.991786
Gravel Truck_str	BOBJ1	24	After	Interior Girder 5	24	0.95	1	1	13.586897
Gravel Truck_str	BOBJ1	24	After	Interior Girder 6	24	0.95	1	1	15.397453
Gravel Truck_str	BOBJ1	24	After	Right Exterior Girder	24	0.95	1	1	17.858827
Gravel Truck_str	BOBJ1	32	Before	Left Exterior Girder	32	0.95	1	1	18.095587
Gravel Truck_str	BOBJ1	32	Before	Interior Girder 1	32	0.95	1	1	15.648921
Gravel Truck_str	BOBJ1	32	Before	Interior Girder 2	32	0.95	1	1	13.809066
Gravel Truck_str	BOBJ1	32	Before	Interior Girder 3	32	0.95	1	1	11.584316
Gravel Truck_str	BOBJ1	32	Before	Interior Girder 4	32	0.95	1	1	11.778341
Gravel Truck_str	BOBJ1	32	Before	Interior Girder 5	32	0.95	1	1	13.840143
Gravel Truck_str	BOBJ1	32	Before	Interior Girder 6	32	0.95	1	1	15.684334
Gravel Truck_str	BOBJ1	32	Before	Right Exterior Girder	32	0.95	1	1	18.125614
Gravel Truck_str	BOBJ1	32	After	Left Exterior Girder	32	0.95	1	1	22.018267
Gravel Truck_str	BOBJ1	32	After	Interior Girder 1	32	0.95	1	1	14.411164
Gravel Truck_str	BOBJ1	32	After	Interior Girder 2	32	0.95	1	1	13.094912
Gravel Truck_str	BOBJ1	32	After	Interior Girder 3	32	0.95	1	1	11.189002
Gravel Truck_str	BOBJ1	32	After	Interior Girder 4	32	0.95	1	1	11.343758
Gravel Truck_str	BOBJ1	32	After	Interior Girder 5	32	0.95	1	1	13.023898
Gravel Truck_str	BOBJ1	32	After	Interior Girder 6	32	0.95	1	1	14.492055
Gravel Truck_str	BOBJ1	32	After	Right Exterior Girder	32	0.95	1	1	22.018267
Gravel Truck_str	BOBJ1	40	Before	Left Exterior Girder	40	0.95	1	1	21.694196
Gravel Truck_str	BOBJ1	40	Before	Interior Girder 1	40	0.95	1	1	14.672398
Gravel Truck_str	BOBJ1	40	Before	Interior Girder 2	40	0.95	1	1	13.332231
Gravel Truck_str	BOBJ1	40	Before	Interior Girder 3	40	0.95	1	1	11.39205
Gravel Truck_str	BOBJ1	40	Before	Interior Girder 4	40	0.95	1	1	11.549613
Gravel Truck_str	BOBJ1	40	Before	Interior Girder 5	40	0.95	1	1	13.259931
Gravel Truck_str	BOBJ1	40	Before	Interior Girder 6	40	0.95	1	1	14.754755
Gravel Truck_str	BOBJ1	40	Before	Right Exterior Girder	40	0.95	1	1	21.694196
Gravel Truck_str	BOBJ1	40	After	Left Exterior Girder	40	0.95	1	1	17.735648
Gravel Truck_str	BOBJ1	40	After	Interior Girder 1	40	0.95	1	1	11.145553
Gravel Truck_str	BOBJ1	40	After	Interior Girder 2	40	0.95	1	1	9.946538
Gravel Truck_str	BOBJ1	40	After	Interior Girder 3	40	0.95	1	1	8.915742
Gravel Truck_str	BOBJ1	40	After	Interior Girder 4	40	0.95	1	1	9.014709
Gravel Truck_str	BOBJ1	40	After	Interior Girder 5	40	0.95	1	1	9.908396
Gravel Truck_str	BOBJ1	40	After	Interior Girder 6	40	0.95	1	1	11.196777
Gravel Truck_str	BOBJ1	40	After	Right Exterior Girder	40	0.95	1	1	17.735648
Gravel Truck_str	BOBJ1	46.5	Before	Left Exterior Girder	46.5	0.95	1	1	17.516065
Gravel Truck_str	BOBJ1	46.5	Before	Right Exterior Girder	46.5	0.95	1	1	17.516065
Gravel Truck_str	BOBJ1	46.5	After	Left Exterior Girder	46.5	0.95	1	1	13.865706
Gravel Truck_str	BOBJ1	46.5	After	Right Exterior Girder	46.5	0.95	1	1	13.865706
Gravel Truck_str	BOBJ1	48	Before	Left Exterior Girder	48	0.95	1	1	13.828724

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Approach, Span 4-6									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Gravel Truck_str	BOBJ1	48	Before	Interior Girder 1	48	0.95	1	1	12.598736
Gravel Truck_str	BOBJ1	48	Before	Interior Girder 2	48	0.95	1	1	9.760127
Gravel Truck_str	BOBJ1	48	Before	Interior Girder 3	48	0.95	1	1	8.749019
Gravel Truck_str	BOBJ1	48	Before	Interior Girder 4	48	0.95	1	1	8.846135
Gravel Truck_str	BOBJ1	48	Before	Interior Girder 5	48	0.95	1	1	9.722699
Gravel Truck_str	BOBJ1	48	Before	Interior Girder 6	48	0.95	1	1	12.643327
Gravel Truck_str	BOBJ1	48	Before	Right Exterior Girder	48	0.95	1	1	13.828724
Gravel Truck_str	BOBJ1	48	After	Left Exterior Girder	48	0.95	1	1	11.75409
Gravel Truck_str	BOBJ1	48	After	Interior Girder 1	48	0.95	1	1	10.627941
Gravel Truck_str	BOBJ1	48	After	Interior Girder 2	48	0.95	1	1	9.816566
Gravel Truck_str	BOBJ1	48	After	Interior Girder 3	48	0.95	1	1	9.710521
Gravel Truck_str	BOBJ1	48	After	Interior Girder 4	48	0.95	1	1	9.733934
Gravel Truck_str	BOBJ1	48	After	Interior Girder 5	48	0.95	1	1	9.808973
Gravel Truck_str	BOBJ1	48	After	Interior Girder 6	48	0.95	1	1	10.630055
Gravel Truck_str	BOBJ1	48	After	Right Exterior Girder	48	0.95	1	1	11.77198
Gravel Truck_str	BOBJ1	56	Before	Left Exterior Girder	56	0.95	1	1	11.587642
Gravel Truck_str	BOBJ1	56	Before	Interior Girder 1	56	0.95	1	1	10.422509
Gravel Truck_str	BOBJ1	56	Before	Interior Girder 2	56	0.95	1	1	9.627907
Gravel Truck_str	BOBJ1	56	Before	Interior Girder 3	56	0.95	1	1	9.523963
Gravel Truck_str	BOBJ1	56	Before	Interior Girder 4	56	0.95	1	1	9.546926
Gravel Truck_str	BOBJ1	56	Before	Interior Girder 5	56	0.95	1	1	9.620459
Gravel Truck_str	BOBJ1	56	Before	Interior Girder 6	56	0.95	1	1	10.424582
Gravel Truck_str	BOBJ1	56	Before	Right Exterior Girder	56	0.95	1	1	11.605278
Gravel Truck_str	BOBJ1	56	After	Left Exterior Girder	56	0.95	1	1	10.544554
Gravel Truck_str	BOBJ1	56	After	Interior Girder 1	56	0.95	1	1	7.837389
Gravel Truck_str	BOBJ1	56	After	Interior Girder 2	56	0.95	1	1	7.411113
Gravel Truck_str	BOBJ1	56	After	Interior Girder 3	56	0.95	1	1	6.888395
Gravel Truck_str	BOBJ1	56	After	Interior Girder 4	56	0.95	1	1	6.961359
Gravel Truck_str	BOBJ1	56	After	Interior Girder 5	56	0.95	1	1	7.39447
Gravel Truck_str	BOBJ1	56	After	Interior Girder 6	56	0.95	1	1	7.854642
Gravel Truck_str	BOBJ1	56	After	Right Exterior Girder	56	0.95	1	1	10.558618
Gravel Truck_str	BOBJ1	59	Before	Interior Girder 1	59	0.95	1	1	7.77907
Gravel Truck_str	BOBJ1	59	Before	Interior Girder 2	59	0.95	1	1	7.356417
Gravel Truck_str	BOBJ1	59	Before	Interior Girder 3	59	0.95	1	1	6.837557
Gravel Truck_str	BOBJ1	59	Before	Interior Girder 4	59	0.95	1	1	6.909983
Gravel Truck_str	BOBJ1	59	Before	Interior Girder 5	59	0.95	1	1	7.339897
Gravel Truck_str	BOBJ1	59	Before	Interior Girder 6	59	0.95	1	1	7.796195
Gravel Truck_str	BOBJ1	59	After	Interior Girder 1	59	0.95	1	1	5.323398
Gravel Truck_str	BOBJ1	59	After	Interior Girder 2	59	0.95	1	1	5.086999
Gravel Truck_str	BOBJ1	59	After	Interior Girder 3	59	0.95	1	1	4.591252
Gravel Truck_str	BOBJ1	59	After	Interior Girder 4	59	0.95	1	1	4.643787
Gravel Truck_str	BOBJ1	59	After	Interior Girder 5	59	0.95	1	1	5.066355
Gravel Truck_str	BOBJ1	59	After	Interior Girder 6	59	0.95	1	1	5.350286
Gravel Truck_str	BOBJ1	64	Before	Left Exterior Girder	64	0.95	1	1	10.37452
Gravel Truck_str	BOBJ1	64	Before	Interior Girder 1	64	0.95	1	1	5.245711
Gravel Truck_str	BOBJ1	64	Before	Interior Girder 2	64	0.95	1	1	5.013264
Gravel Truck_str	BOBJ1	64	Before	Interior Girder 3	64	0.95	1	1	4.524626
Gravel Truck_str	BOBJ1	64	Before	Interior Girder 4	64	0.95	1	1	4.576398
Gravel Truck_str	BOBJ1	64	Before	Interior Girder 5	64	0.95	1	1	4.992919
Gravel Truck_str	BOBJ1	64	Before	Interior Girder 6	64	0.95	1	1	5.272206
Gravel Truck_str	BOBJ1	64	Before	Right Exterior Girder	64	0.95	1	1	10.388756
Gravel Truck_str	BOBJ1	64	After	Left Exterior Girder	64	0.95	1	1	7.580326
Gravel Truck_str	BOBJ1	64	After	Interior Girder 1	64	0.95	1	1	5.806031
Gravel Truck_str	BOBJ1	64	After	Interior Girder 2	64	0.95	1	1	5.324399
Gravel Truck_str	BOBJ1	64	After	Interior Girder 3	64	0.95	1	1	4.835066
Gravel Truck_str	BOBJ1	64	After	Interior Girder 4	64	0.95	1	1	4.846357
Gravel Truck_str	BOBJ1	64	After	Interior Girder 5	64	0.95	1	1	5.315672
Gravel Truck_str	BOBJ1	64	After	Interior Girder 6	64	0.95	1	1	5.809887
Gravel Truck_str	BOBJ1	64	After	Right Exterior Girder	64	0.95	1	1	7.588892
Gravel Truck_str	BOBJ1	69	Before	Interior Girder 1	69	0.95	1	1	5.719795
Gravel Truck_str	BOBJ1	69	Before	Interior Girder 2	69	0.95	1	1	5.246535
Gravel Truck_str	BOBJ1	69	Before	Interior Girder 3	69	0.95	1	1	4.762463
Gravel Truck_str	BOBJ1	69	Before	Interior Girder 4	69	0.95	1	1	4.773584
Gravel Truck_str	BOBJ1	69	Before	Interior Girder 5	69	0.95	1	1	5.237936
Gravel Truck_str	BOBJ1	69	Before	Interior Girder 6	69	0.95	1	1	5.723594

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Approach, Span 4-6									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Gravel Truck_str	BOBJ1	69	After	Interior Girder 1	69	0.95	1	1	4.784924
Gravel Truck_str	BOBJ1	69	After	Interior Girder 2	69	0.95	1	1	4.563372
Gravel Truck_str	BOBJ1	69	After	Interior Girder 3	69	0.95	1	1	3.988357
Gravel Truck_str	BOBJ1	69	After	Interior Girder 4	69	0.95	1	1	4.011229
Gravel Truck_str	BOBJ1	69	After	Interior Girder 5	69	0.95	1	1	4.554354
Gravel Truck_str	BOBJ1	69	After	Interior Girder 6	69	0.95	1	1	4.79218
Gravel Truck_str	BOBJ1	72	Before	Left Exterior Girder	72	0.95	1	1	5.180134
Gravel Truck_str	BOBJ1	72	Before	Interior Girder 1	72	0.95	1	1	4.735963
Gravel Truck_str	BOBJ1	72	Before	Interior Girder 2	72	0.95	1	1	4.517582
Gravel Truck_str	BOBJ1	72	Before	Interior Girder 3	72	0.95	1	1	3.947124
Gravel Truck_str	BOBJ1	72	Before	Interior Girder 4	72	0.95	1	1	3.969759
Gravel Truck_str	BOBJ1	72	Before	Interior Girder 5	72	0.95	1	1	4.508654
Gravel Truck_str	BOBJ1	72	Before	Interior Girder 6	72	0.95	1	1	4.743145
Gravel Truck_str	BOBJ1	72	Before	Right Exterior Girder	72	0.95	1	1	5.186461
Gravel Truck_str	BOBJ1	72	After	Left Exterior Girder	72	0.95	1	1	4.880325
Gravel Truck_str	BOBJ1	72	After	Interior Girder 1	72	0.95	1	1	5.481711
Gravel Truck_str	BOBJ1	72	After	Interior Girder 2	72	0.95	1	1	4.131875
Gravel Truck_str	BOBJ1	72	After	Interior Girder 3	72	0.95	1	1	3.521326
Gravel Truck_str	BOBJ1	72	After	Interior Girder 4	72	0.95	1	1	3.54762
Gravel Truck_str	BOBJ1	72	After	Interior Girder 5	72	0.95	1	1	4.115617
Gravel Truck_str	BOBJ1	72	After	Interior Girder 6	72	0.95	1	1	5.508734
Gravel Truck_str	BOBJ1	72	After	Right Exterior Girder	72	0.95	1	1	4.886156
Gravel Truck_str	BOBJ1	72.5	Before	Left Exterior Girder	72.5	0.95	1	1	4.8751
Gravel Truck_str	BOBJ1	72.5	Before	Right Exterior Girder	72.5	0.95	1	1	4.880925
Gravel Truck_str	BOBJ1	72.5	After	Left Exterior Girder	72.5	0.95	1	1	7.030715
Gravel Truck_str	BOBJ1	72.5	After	Right Exterior Girder	72.5	0.95	1	1	7.038604
Gravel Truck_str	BOBJ1	80	Before	Left Exterior Girder	80	0.95	1	1	6.909163
Gravel Truck_str	BOBJ1	80	Before	Interior Girder 1	80	0.95	1	1	4.356905
Gravel Truck_str	BOBJ1	80	Before	Interior Girder 2	80	0.95	1	1	4.019785
Gravel Truck_str	BOBJ1	80	Before	Interior Girder 3	80	0.95	1	1	3.422341
Gravel Truck_str	BOBJ1	80	Before	Interior Girder 4	80	0.95	1	1	3.447895
Gravel Truck_str	BOBJ1	80	Before	Interior Girder 5	80	0.95	1	1	4.003968
Gravel Truck_str	BOBJ1	80	Before	Interior Girder 6	80	0.95	1	1	4.377462
Gravel Truck_str	BOBJ1	80	Before	Right Exterior Girder	80	0.95	1	1	6.916915
Gravel Truck_str	BOBJ1	80	After	Left Exterior Girder	0	0.95	1	1	7.756512
Gravel Truck_str	BOBJ1	80	After	Interior Girder 1	0	0.95	1	1	4.651632
Gravel Truck_str	BOBJ1	80	After	Interior Girder 2	0	0.95	1	1	4.335001
Gravel Truck_str	BOBJ1	80	After	Interior Girder 3	0	0.95	1	1	3.668246
Gravel Truck_str	BOBJ1	80	After	Interior Girder 4	0	0.95	1	1	3.7011
Gravel Truck_str	BOBJ1	80	After	Interior Girder 5	0	0.95	1	1	4.317838
Gravel Truck_str	BOBJ1	80	After	Interior Girder 6	0	0.95	1	1	4.673361
Gravel Truck_str	BOBJ1	80	After	Right Exterior Girder	0	0.95	1	1	7.765156
Gravel Truck_str	BOBJ1	87.5	Before	Left Exterior Girder	7.5	0.95	1	1	7.886739
Gravel Truck_str	BOBJ1	87.5	Before	Right Exterior Girder	7.5	0.95	1	1	7.895527
Gravel Truck_str	BOBJ1	87.5	After	Left Exterior Girder	7.5	0.95	1	1	6.045683
Gravel Truck_str	BOBJ1	87.5	After	Right Exterior Girder	7.5	0.95	1	1	6.052668
Gravel Truck_str	BOBJ1	88	Before	Left Exterior Girder	8	0.95	1	1	6.051627
Gravel Truck_str	BOBJ1	88	Before	Interior Girder 1	8	0.95	1	1	5.385237
Gravel Truck_str	BOBJ1	88	Before	Interior Girder 2	8	0.95	1	1	4.450597
Gravel Truck_str	BOBJ1	88	Before	Interior Girder 3	8	0.95	1	1	3.769584
Gravel Truck_str	BOBJ1	88	Before	Interior Girder 4	8	0.95	1	1	3.803346
Gravel Truck_str	BOBJ1	88	Before	Interior Girder 5	8	0.95	1	1	4.432976
Gravel Truck_str	BOBJ1	88	Before	Interior Girder 6	8	0.95	1	1	5.410845
Gravel Truck_str	BOBJ1	88	Before	Right Exterior Girder	8	0.95	1	1	6.058619
Gravel Truck_str	BOBJ1	88	After	Left Exterior Girder	8	0.95	1	1	6.394058
Gravel Truck_str	BOBJ1	88	After	Interior Girder 1	8	0.95	1	1	5.106808
Gravel Truck_str	BOBJ1	88	After	Interior Girder 2	8	0.95	1	1	4.903251
Gravel Truck_str	BOBJ1	88	After	Interior Girder 3	8	0.95	1	1	4.287059
Gravel Truck_str	BOBJ1	88	After	Interior Girder 4	8	0.95	1	1	4.311828
Gravel Truck_str	BOBJ1	88	After	Interior Girder 5	8	0.95	1	1	4.893919
Gravel Truck_str	BOBJ1	88	After	Interior Girder 6	8	0.95	1	1	5.113863
Gravel Truck_str	BOBJ1	88	After	Right Exterior Girder	8	0.95	1	1	6.401326
Gravel Truck_str	BOBJ1	91	Before	Interior Girder 1	11	0.95	1	1	5.157099
Gravel Truck_str	BOBJ1	91	Before	Interior Girder 2	11	0.95	1	1	4.950849
Gravel Truck_str	BOBJ1	91	Before	Interior Girder 3	11	0.95	1	1	4.329904

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Approach, Span 4-6									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Gravel Truck_str	BOBJ1	91	Before	Interior Girder 4	11	0.95	1	1	4.35492
Gravel Truck_str	BOBJ1	91	Before	Interior Girder 5	11	0.95	1	1	4.941426
Gravel Truck_str	BOBJ1	91	Before	Interior Girder 6	11	0.95	1	1	5.164224
Gravel Truck_str	BOBJ1	91	After	Interior Girder 1	11	0.95	1	1	6.267541
Gravel Truck_str	BOBJ1	91	After	Interior Girder 2	11	0.95	1	1	5.788995
Gravel Truck_str	BOBJ1	91	After	Interior Girder 3	11	0.95	1	1	5.268031
Gravel Truck_str	BOBJ1	91	After	Interior Girder 4	11	0.95	1	1	5.278967
Gravel Truck_str	BOBJ1	91	After	Interior Girder 5	11	0.95	1	1	5.781068
Gravel Truck_str	BOBJ1	91	After	Interior Girder 6	11	0.95	1	1	6.269641
Gravel Truck_str	BOBJ1	96	Before	Left Exterior Girder	16	0.95	1	1	8.940514
Gravel Truck_str	BOBJ1	96	Before	Interior Girder 1	16	0.95	1	1	6.357855
Gravel Truck_str	BOBJ1	96	Before	Interior Girder 2	16	0.95	1	1	5.87133
Gravel Truck_str	BOBJ1	96	Before	Interior Girder 3	16	0.95	1	1	5.344918
Gravel Truck_str	BOBJ1	96	Before	Interior Girder 4	16	0.95	1	1	5.356014
Gravel Truck_str	BOBJ1	96	Before	Interior Girder 5	16	0.95	1	1	5.86329
Gravel Truck_str	BOBJ1	96	Before	Interior Girder 6	16	0.95	1	1	6.359985
Gravel Truck_str	BOBJ1	96	Before	Right Exterior Girder	16	0.95	1	1	8.950467
Gravel Truck_str	BOBJ1	96	After	Left Exterior Girder	16	0.95	1	1	8.728179
Gravel Truck_str	BOBJ1	96	After	Interior Girder 1	16	0.95	1	1	6.635808
Gravel Truck_str	BOBJ1	96	After	Interior Girder 2	16	0.95	1	1	6.272379
Gravel Truck_str	BOBJ1	96	After	Interior Girder 3	16	0.95	1	1	5.883585
Gravel Truck_str	BOBJ1	96	After	Interior Girder 4	16	0.95	1	1	5.936959
Gravel Truck_str	BOBJ1	96	After	Interior Girder 5	16	0.95	1	1	6.251009
Gravel Truck_str	BOBJ1	96	After	Interior Girder 6	16	0.95	1	1	6.661695
Gravel Truck_str	BOBJ1	96	After	Right Exterior Girder	16	0.95	1	1	8.7401
Gravel Truck_str	BOBJ1	104	Before	Left Exterior Girder	24	0.95	1	1	8.874165
Gravel Truck_str	BOBJ1	104	Before	Interior Girder 1	24	0.95	1	1	6.785976
Gravel Truck_str	BOBJ1	104	Before	Interior Girder 2	24	0.95	1	1	6.41381
Gravel Truck_str	BOBJ1	104	Before	Interior Girder 3	24	0.95	1	1	6.016232
Gravel Truck_str	BOBJ1	104	Before	Interior Girder 4	24	0.95	1	1	6.070809
Gravel Truck_str	BOBJ1	104	Before	Interior Girder 5	24	0.95	1	1	6.391958
Gravel Truck_str	BOBJ1	104	Before	Interior Girder 6	24	0.95	1	1	6.81245
Gravel Truck_str	BOBJ1	104	Before	Right Exterior Girder	24	0.95	1	1	8.886285
Gravel Truck_str	BOBJ1	104	After	Left Exterior Girder	24	0.95	1	1	10.333005
Gravel Truck_str	BOBJ1	104	After	Interior Girder 1	24	0.95	1	1	9.444045
Gravel Truck_str	BOBJ1	104	After	Interior Girder 2	24	0.95	1	1	8.802769
Gravel Truck_str	BOBJ1	104	After	Interior Girder 3	24	0.95	1	1	8.769175
Gravel Truck_str	BOBJ1	104	After	Interior Girder 4	24	0.95	1	1	8.786541
Gravel Truck_str	BOBJ1	104	After	Interior Girder 5	24	0.95	1	1	8.797673
Gravel Truck_str	BOBJ1	104	After	Interior Girder 6	24	0.95	1	1	9.443041
Gravel Truck_str	BOBJ1	104	After	Right Exterior Girder	24	0.95	1	1	10.349817
Gravel Truck_str	BOBJ1	112	Before	Left Exterior Girder	32	0.95	1	1	10.497666
Gravel Truck_str	BOBJ1	112	Before	Interior Girder 1	32	0.95	1	1	9.651796
Gravel Truck_str	BOBJ1	112	Before	Interior Girder 2	32	0.95	1	1	8.995305
Gravel Truck_str	BOBJ1	112	Before	Interior Girder 3	32	0.95	1	1	8.960833
Gravel Truck_str	BOBJ1	112	Before	Interior Girder 4	32	0.95	1	1	8.978578
Gravel Truck_str	BOBJ1	112	Before	Interior Girder 5	32	0.95	1	1	8.990097
Gravel Truck_str	BOBJ1	112	Before	Interior Girder 6	32	0.95	1	1	9.65077
Gravel Truck_str	BOBJ1	112	Before	Right Exterior Girder	32	0.95	1	1	10.514746
Gravel Truck_str	BOBJ1	112	After	Left Exterior Girder	32	0.95	1	1	17.58287
Gravel Truck_str	BOBJ1	112	After	Interior Girder 1	32	0.95	1	1	9.961221
Gravel Truck_str	BOBJ1	112	After	Interior Girder 2	32	0.95	1	1	9.129464
Gravel Truck_str	BOBJ1	112	After	Interior Girder 3	32	0.95	1	1	7.989376
Gravel Truck_str	BOBJ1	112	After	Interior Girder 4	32	0.95	1	1	8.082836
Gravel Truck_str	BOBJ1	112	After	Interior Girder 5	32	0.95	1	1	9.085366
Gravel Truck_str	BOBJ1	112	After	Interior Girder 6	32	0.95	1	1	9.983107
Gravel Truck_str	BOBJ1	112	After	Right Exterior Girder	32	0.95	1	1	17.58287
Gravel Truck_str	BOBJ1	120	Before	Left Exterior Girder	40	0.95	1	1	17.852157
Gravel Truck_str	BOBJ1	120	Before	Interior Girder 1	40	0.95	1	1	10.172266
Gravel Truck_str	BOBJ1	120	Before	Interior Girder 2	40	0.95	1	1	9.323087
Gravel Truck_str	BOBJ1	120	Before	Interior Girder 3	40	0.95	1	1	8.158726
Gravel Truck_str	BOBJ1	120	Before	Interior Girder 4	40	0.95	1	1	8.254167
Gravel Truck_str	BOBJ1	120	Before	Interior Girder 5	40	0.95	1	1	9.278054
Gravel Truck_str	BOBJ1	120	Before	Interior Girder 6	40	0.95	1	1	10.194615
Gravel Truck_str	BOBJ1	120	Before	Right Exterior Girder	40	0.95	1	1	17.852157

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Approach, Span 4-6									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Gravel Truck_str	BOBJ1	120	After	Left Exterior Girder	40	0.95	1	1	18.555515
Gravel Truck_str	BOBJ1	120	After	Interior Girder 1	40	0.95	1	1	10.274152
Gravel Truck_str	BOBJ1	120	After	Interior Girder 2	40	0.95	1	1	9.41168
Gravel Truck_str	BOBJ1	120	After	Interior Girder 3	40	0.95	1	1	8.218819
Gravel Truck_str	BOBJ1	120	After	Interior Girder 4	40	0.95	1	1	8.31577
Gravel Truck_str	BOBJ1	120	After	Interior Girder 5	40	0.95	1	1	9.365652
Gravel Truck_str	BOBJ1	120	After	Interior Girder 6	40	0.95	1	1	10.297404
Gravel Truck_str	BOBJ1	120	After	Right Exterior Girder	40	0.95	1	1	18.555515
Gravel Truck_str	BOBJ1	128	Before	Left Exterior Girder	48	0.95	1	1	18.276238
Gravel Truck_str	BOBJ1	128	Before	Interior Girder 1	48	0.95	1	1	10.061169
Gravel Truck_str	BOBJ1	128	Before	Interior Girder 2	48	0.95	1	1	9.216366
Gravel Truck_str	BOBJ1	128	Before	Interior Girder 3	48	0.95	1	1	8.048315
Gravel Truck_str	BOBJ1	128	Before	Interior Girder 4	48	0.95	1	1	8.143254
Gravel Truck_str	BOBJ1	128	Before	Interior Girder 5	48	0.95	1	1	9.171293
Gravel Truck_str	BOBJ1	128	Before	Interior Girder 6	48	0.95	1	1	10.083939
Gravel Truck_str	BOBJ1	128	Before	Right Exterior Girder	48	0.95	1	1	18.276238
Gravel Truck_str	BOBJ1	128	After	Left Exterior Girder	48	0.95	1	1	10.816106
Gravel Truck_str	BOBJ1	128	After	Interior Girder 1	48	0.95	1	1	9.774224
Gravel Truck_str	BOBJ1	128	After	Interior Girder 2	48	0.95	1	1	9.105032
Gravel Truck_str	BOBJ1	128	After	Interior Girder 3	48	0.95	1	1	9.072058
Gravel Truck_str	BOBJ1	128	After	Interior Girder 4	48	0.95	1	1	9.090048
Gravel Truck_str	BOBJ1	128	After	Interior Girder 5	48	0.95	1	1	9.099695
Gravel Truck_str	BOBJ1	128	After	Interior Girder 6	48	0.95	1	1	9.773162
Gravel Truck_str	BOBJ1	128	After	Right Exterior Girder	48	0.95	1	1	10.833824
Gravel Truck_str	BOBJ1	136	Before	Left Exterior Girder	56	0.95	1	1	10.646901
Gravel Truck_str	BOBJ1	136	Before	Interior Girder 1	56	0.95	1	1	9.563963
Gravel Truck_str	BOBJ1	136	Before	Interior Girder 2	56	0.95	1	1	8.910224
Gravel Truck_str	BOBJ1	136	Before	Interior Girder 3	56	0.95	1	1	8.878188
Gravel Truck_str	BOBJ1	136	Before	Interior Girder 4	56	0.95	1	1	8.895794
Gravel Truck_str	BOBJ1	136	Before	Interior Girder 5	56	0.95	1	1	8.905001
Gravel Truck_str	BOBJ1	136	Before	Interior Girder 6	56	0.95	1	1	9.562924
Gravel Truck_str	BOBJ1	136	Before	Right Exterior Girder	56	0.95	1	1	10.664343
Gravel Truck_str	BOBJ1	136	After	Left Exterior Girder	56	0.95	1	1	9.110424
Gravel Truck_str	BOBJ1	136	After	Interior Girder 1	56	0.95	1	1	6.850464
Gravel Truck_str	BOBJ1	136	After	Interior Girder 2	56	0.95	1	1	6.472337
Gravel Truck_str	BOBJ1	136	After	Interior Girder 3	56	0.95	1	1	6.071573
Gravel Truck_str	BOBJ1	136	After	Interior Girder 4	56	0.95	1	1	6.126886
Gravel Truck_str	BOBJ1	136	After	Interior Girder 5	56	0.95	1	1	6.450295
Gravel Truck_str	BOBJ1	136	After	Interior Girder 6	56	0.95	1	1	6.877276
Gravel Truck_str	BOBJ1	136	After	Right Exterior Girder	56	0.95	1	1	9.12289
Gravel Truck_str	BOBJ1	144	Before	Left Exterior Girder	64	0.95	1	1	8.960992
Gravel Truck_str	BOBJ1	144	Before	Interior Girder 1	64	0.95	1	1	6.698945
Gravel Truck_str	BOBJ1	144	Before	Interior Girder 2	64	0.95	1	1	6.329655
Gravel Truck_str	BOBJ1	144	Before	Interior Girder 3	64	0.95	1	1	5.937838
Gravel Truck_str	BOBJ1	144	Before	Interior Girder 4	64	0.95	1	1	5.991932
Gravel Truck_str	BOBJ1	144	Before	Interior Girder 5	64	0.95	1	1	6.308099
Gravel Truck_str	BOBJ1	144	Before	Interior Girder 6	64	0.95	1	1	6.725164
Gravel Truck_str	BOBJ1	144	Before	Right Exterior Girder	64	0.95	1	1	8.973253
Gravel Truck_str	BOBJ1	144	After	Left Exterior Girder	64	0.95	1	1	8.447633
Gravel Truck_str	BOBJ1	144	After	Interior Girder 1	64	0.95	1	1	6.423589
Gravel Truck_str	BOBJ1	144	After	Interior Girder 2	64	0.95	1	1	5.922312
Gravel Truck_str	BOBJ1	144	After	Interior Girder 3	64	0.95	1	1	5.427749
Gravel Truck_str	BOBJ1	144	After	Interior Girder 4	64	0.95	1	1	5.437395
Gravel Truck_str	BOBJ1	144	After	Interior Girder 5	64	0.95	1	1	5.914011
Gravel Truck_str	BOBJ1	144	After	Interior Girder 6	64	0.95	1	1	6.426216
Gravel Truck_str	BOBJ1	144	After	Right Exterior Girder	64	0.95	1	1	8.457101
Gravel Truck_str	BOBJ1	150	Before	Interior Girder 1	70	0.95	1	1	6.314033
Gravel Truck_str	BOBJ1	150	Before	Interior Girder 2	70	0.95	1	1	5.822525
Gravel Truck_str	BOBJ1	150	Before	Interior Girder 3	70	0.95	1	1	5.334186
Gravel Truck_str	BOBJ1	150	Before	Interior Girder 4	70	0.95	1	1	5.343666
Gravel Truck_str	BOBJ1	150	Before	Interior Girder 5	70	0.95	1	1	5.814363
Gravel Truck_str	BOBJ1	150	Before	Interior Girder 6	70	0.95	1	1	6.316615
Gravel Truck_str	BOBJ1	150	After	Interior Girder 1	70	0.95	1	1	4.816784
Gravel Truck_str	BOBJ1	150	After	Interior Girder 2	70	0.95	1	1	4.769926
Gravel Truck_str	BOBJ1	150	After	Interior Girder 3	70	0.95	1	1	4.133807

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Approach, Span 4-6									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Gravel Truck_str	BOBJ1	150	After	Interior Girder 4	70	0.95	1	1	4.166342
Gravel Truck_str	BOBJ1	150	After	Interior Girder 5	70	0.95	1	1	4.761149
Gravel Truck_str	BOBJ1	150	After	Interior Girder 6	70	0.95	1	1	4.823524
Gravel Truck_str	BOBJ1	152	Before	Left Exterior Girder	72	0.95	1	1	8.295805
Gravel Truck_str	BOBJ1	152	Before	Interior Girder 1	72	0.95	1	1	4.785526
Gravel Truck_str	BOBJ1	152	Before	Interior Girder 2	72	0.95	1	1	4.739618
Gravel Truck_str	BOBJ1	152	Before	Interior Girder 3	72	0.95	1	1	4.106816
Gravel Truck_str	BOBJ1	152	Before	Interior Girder 4	72	0.95	1	1	4.139138
Gravel Truck_str	BOBJ1	152	Before	Interior Girder 5	72	0.95	1	1	4.730896
Gravel Truck_str	BOBJ1	152	Before	Interior Girder 6	72	0.95	1	1	4.792222
Gravel Truck_str	BOBJ1	152	Before	Right Exterior Girder	72	0.95	1	1	8.305453
Gravel Truck_str	BOBJ1	152	After	Left Exterior Girder	72	0.95	1	1	7.235341
Gravel Truck_str	BOBJ1	152	After	Interior Girder 1	72	0.95	1	1	4.386265
Gravel Truck_str	BOBJ1	152	After	Interior Girder 2	72	0.95	1	1	4.465236
Gravel Truck_str	BOBJ1	152	After	Interior Girder 3	72	0.95	1	1	3.799973
Gravel Truck_str	BOBJ1	152	After	Interior Girder 4	72	0.95	1	1	3.834342
Gravel Truck_str	BOBJ1	152	After	Interior Girder 5	72	0.95	1	1	4.447695
Gravel Truck_str	BOBJ1	152	After	Interior Girder 6	72	0.95	1	1	4.405439
Gravel Truck_str	BOBJ1	152	After	Right Exterior Girder	72	0.95	1	1	7.243487
Gravel Truck_str	BOBJ1	154	Before	Left Exterior Girder	74	0.95	1	1	7.206307
Gravel Truck_str	BOBJ1	154	Before	Right Exterior Girder	74	0.95	1	1	7.214421
Gravel Truck_str	BOBJ1	154	After	Left Exterior Girder	74	0.95	1	1	7.361337
Gravel Truck_str	BOBJ1	154	After	Right Exterior Girder	74	0.95	1	1	7.36942
Gravel Truck_str	BOBJ1	160	Before	Left Exterior Girder	80	0.95	1	1	7.260992
Gravel Truck_str	BOBJ1	160	Before	Interior Girder 1	80	0.95	1	1	4.673181
Gravel Truck_str	BOBJ1	160	Before	Interior Girder 2	80	0.95	1	1	4.350635
Gravel Truck_str	BOBJ1	160	Before	Interior Girder 3	80	0.95	1	1	3.699337
Gravel Truck_str	BOBJ1	160	Before	Interior Girder 4	80	0.95	1	1	3.732796
Gravel Truck_str	BOBJ1	160	Before	Interior Girder 5	80	0.95	1	1	4.333544
Gravel Truck_str	BOBJ1	160	Before	Interior Girder 6	80	0.95	1	1	4.695074
Gravel Truck_str	BOBJ1	160	Before	Right Exterior Girder	80	0.95	1	1	7.268966
Gravel Truck_str	BOBJ1	160	After	Left Exterior Girder	0	0.95	1	1	6.437346
Gravel Truck_str	BOBJ1	160	After	Interior Girder 1	0	0.95	1	1	4.360642
Gravel Truck_str	BOBJ1	160	After	Interior Girder 2	0	0.95	1	1	4.025336
Gravel Truck_str	BOBJ1	160	After	Interior Girder 3	0	0.95	1	1	3.444151
Gravel Truck_str	BOBJ1	160	After	Interior Girder 4	0	0.95	1	1	3.466368
Gravel Truck_str	BOBJ1	160	After	Interior Girder 5	0	0.95	1	1	4.009711
Gravel Truck_str	BOBJ1	160	After	Interior Girder 6	0	0.95	1	1	4.381116
Gravel Truck_str	BOBJ1	160	After	Right Exterior Girder	0	0.95	1	1	6.444197
Gravel Truck_str	BOBJ1	166	Before	Left Exterior Girder	6	0.95	1	1	6.530538
Gravel Truck_str	BOBJ1	166	Before	Right Exterior Girder	6	0.95	1	1	6.537487
Gravel Truck_str	BOBJ1	166	After	Left Exterior Girder	6	0.95	1	1	6.198774
Gravel Truck_str	BOBJ1	166	After	Right Exterior Girder	6	0.95	1	1	6.205575
Gravel Truck_str	BOBJ1	168	Before	Left Exterior Girder	8	0.95	1	1	6.225118
Gravel Truck_str	BOBJ1	168	Before	Interior Girder 1	8	0.95	1	1	4.153977
Gravel Truck_str	BOBJ1	168	Before	Interior Girder 2	8	0.95	1	1	4.13608
Gravel Truck_str	BOBJ1	168	Before	Interior Girder 3	8	0.95	1	1	3.542374
Gravel Truck_str	BOBJ1	168	Before	Interior Girder 4	8	0.95	1	1	3.565225
Gravel Truck_str	BOBJ1	168	Before	Interior Girder 5	8	0.95	1	1	4.120026
Gravel Truck_str	BOBJ1	168	Before	Interior Girder 6	8	0.95	1	1	4.171428
Gravel Truck_str	BOBJ1	168	Before	Right Exterior Girder	8	0.95	1	1	6.231948
Gravel Truck_str	BOBJ1	168	After	Left Exterior Girder	8	0.95	1	1	7.049643
Gravel Truck_str	BOBJ1	168	After	Interior Girder 1	8	0.95	1	1	4.426046
Gravel Truck_str	BOBJ1	168	After	Interior Girder 2	8	0.95	1	1	4.365068
Gravel Truck_str	BOBJ1	168	After	Interior Girder 3	8	0.95	1	1	3.784471
Gravel Truck_str	BOBJ1	168	After	Interior Girder 4	8	0.95	1	1	3.810961
Gravel Truck_str	BOBJ1	168	After	Interior Girder 5	8	0.95	1	1	4.356898
Gravel Truck_str	BOBJ1	168	After	Interior Girder 6	8	0.95	1	1	4.43262
Gravel Truck_str	BOBJ1	168	After	Right Exterior Girder	8	0.95	1	1	7.057705
Gravel Truck_str	BOBJ1	170	Before	Interior Girder 1	10	0.95	1	1	4.456362
Gravel Truck_str	BOBJ1	170	Before	Interior Girder 2	10	0.95	1	1	4.394183
Gravel Truck_str	BOBJ1	170	Before	Interior Girder 3	10	0.95	1	1	3.810502
Gravel Truck_str	BOBJ1	170	Before	Interior Girder 4	10	0.95	1	1	3.837174
Gravel Truck_str	BOBJ1	170	Before	Interior Girder 5	10	0.95	1	1	4.385959
Gravel Truck_str	BOBJ1	170	Before	Interior Girder 6	10	0.95	1	1	4.462981

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Approach, Span 4-6									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Gravel Truck_str	BOBJ1	170	After	Interior Girder 1	10	0.95	1	1	5.726354
Gravel Truck_str	BOBJ1	170	After	Interior Girder 2	10	0.95	1	1	5.248165
Gravel Truck_str	BOBJ1	170	After	Interior Girder 3	10	0.95	1	1	4.811058
Gravel Truck_str	BOBJ1	170	After	Interior Girder 4	10	0.95	1	1	4.821446
Gravel Truck_str	BOBJ1	170	After	Interior Girder 5	10	0.95	1	1	5.239556
Gravel Truck_str	BOBJ1	170	After	Interior Girder 6	10	0.95	1	1	5.730367
Gravel Truck_str	BOBJ1	176	Before	Left Exterior Girder	16	0.95	1	1	7.118803
Gravel Truck_str	BOBJ1	176	Before	Interior Girder 1	16	0.95	1	1	5.830072
Gravel Truck_str	BOBJ1	176	Before	Interior Girder 2	16	0.95	1	1	5.341942
Gravel Truck_str	BOBJ1	176	Before	Interior Girder 3	16	0.95	1	1	4.899311
Gravel Truck_str	BOBJ1	176	Before	Interior Girder 4	16	0.95	1	1	4.909888
Gravel Truck_str	BOBJ1	176	Before	Interior Girder 5	16	0.95	1	1	5.333179
Gravel Truck_str	BOBJ1	176	Before	Interior Girder 6	16	0.95	1	1	5.834158
Gravel Truck_str	BOBJ1	176	Before	Right Exterior Girder	16	0.95	1	1	7.126538
Gravel Truck_str	BOBJ1	176	After	Left Exterior Girder	16	0.95	1	1	10.011235
Gravel Truck_str	BOBJ1	176	After	Interior Girder 1	16	0.95	1	1	5.150109
Gravel Truck_str	BOBJ1	176	After	Interior Girder 2	16	0.95	1	1	5.016821
Gravel Truck_str	BOBJ1	176	After	Interior Girder 3	16	0.95	1	1	4.561972
Gravel Truck_str	BOBJ1	176	After	Interior Girder 4	16	0.95	1	1	4.614291
Gravel Truck_str	BOBJ1	176	After	Interior Girder 5	16	0.95	1	1	4.996585
Gravel Truck_str	BOBJ1	176	After	Interior Girder 6	16	0.95	1	1	5.175784
Gravel Truck_str	BOBJ1	176	After	Right Exterior Girder	16	0.95	1	1	10.024347
Gravel Truck_str	BOBJ1	181	Before	Interior Girder 1	21	0.95	1	1	5.226503
Gravel Truck_str	BOBJ1	181	Before	Interior Girder 2	21	0.95	1	1	5.090552
Gravel Truck_str	BOBJ1	181	Before	Interior Girder 3	21	0.95	1	1	4.629022
Gravel Truck_str	BOBJ1	181	Before	Interior Girder 4	21	0.95	1	1	4.682109
Gravel Truck_str	BOBJ1	181	Before	Interior Girder 5	21	0.95	1	1	5.070019
Gravel Truck_str	BOBJ1	181	Before	Interior Girder 6	21	0.95	1	1	5.252559
Gravel Truck_str	BOBJ1	181	After	Interior Girder 1	21	0.95	1	1	7.199264
Gravel Truck_str	BOBJ1	181	After	Interior Girder 2	21	0.95	1	1	6.960886
Gravel Truck_str	BOBJ1	181	After	Interior Girder 3	21	0.95	1	1	6.526622
Gravel Truck_str	BOBJ1	181	After	Interior Girder 4	21	0.95	1	1	6.595868
Gravel Truck_str	BOBJ1	181	After	Interior Girder 5	21	0.95	1	1	6.945378
Gravel Truck_str	BOBJ1	181	After	Interior Girder 6	21	0.95	1	1	7.21508
Gravel Truck_str	BOBJ1	184	Before	Left Exterior Girder	24	0.95	1	1	10.142421
Gravel Truck_str	BOBJ1	184	Before	Interior Girder 1	24	0.95	1	1	7.255356
Gravel Truck_str	BOBJ1	184	Before	Interior Girder 2	24	0.95	1	1	7.014505
Gravel Truck_str	BOBJ1	184	Before	Interior Girder 3	24	0.95	1	1	6.576853
Gravel Truck_str	BOBJ1	184	Before	Interior Girder 4	24	0.95	1	1	6.646632
Gravel Truck_str	BOBJ1	184	Before	Interior Girder 5	24	0.95	1	1	6.998877
Gravel Truck_str	BOBJ1	184	Before	Interior Girder 6	24	0.95	1	1	7.271296
Gravel Truck_str	BOBJ1	184	Before	Right Exterior Girder	24	0.95	1	1	10.155131
Gravel Truck_str	BOBJ1	184	After	Left Exterior Girder	24	0.95	1	1	11.244845
Gravel Truck_str	BOBJ1	184	After	Interior Girder 1	24	0.95	1	1	9.541287
Gravel Truck_str	BOBJ1	184	After	Interior Girder 2	24	0.95	1	1	9.139314
Gravel Truck_str	BOBJ1	184	After	Interior Girder 3	24	0.95	1	1	9.148082
Gravel Truck_str	BOBJ1	184	After	Interior Girder 4	24	0.95	1	1	9.170566
Gravel Truck_str	BOBJ1	184	After	Interior Girder 5	24	0.95	1	1	9.131888
Gravel Truck_str	BOBJ1	184	After	Interior Girder 6	24	0.95	1	1	9.543195
Gravel Truck_str	BOBJ1	184	After	Right Exterior Girder	24	0.95	1	1	11.261261
Gravel Truck_str	BOBJ1	192	Before	Left Exterior Girder	32	0.95	1	1	11.412586
Gravel Truck_str	BOBJ1	192	Before	Interior Girder 1	32	0.95	1	1	9.73656
Gravel Truck_str	BOBJ1	192	Before	Interior Girder 2	32	0.95	1	1	9.324736
Gravel Truck_str	BOBJ1	192	Before	Interior Girder 3	32	0.95	1	1	9.333474
Gravel Truck_str	BOBJ1	192	Before	Interior Girder 4	32	0.95	1	1	9.356414
Gravel Truck_str	BOBJ1	192	Before	Interior Girder 5	32	0.95	1	1	9.317159
Gravel Truck_str	BOBJ1	192	Before	Interior Girder 6	32	0.95	1	1	9.738507
Gravel Truck_str	BOBJ1	192	Before	Right Exterior Girder	32	0.95	1	1	11.429247
Gravel Truck_str	BOBJ1	192	After	Left Exterior Girder	32	0.95	1	1	17.392743
Gravel Truck_str	BOBJ1	192	After	Interior Girder 1	32	0.95	1	1	10.104204
Gravel Truck_str	BOBJ1	192	After	Interior Girder 2	32	0.95	1	1	9.360158
Gravel Truck_str	BOBJ1	192	After	Interior Girder 3	32	0.95	1	1	8.43457
Gravel Truck_str	BOBJ1	192	After	Interior Girder 4	32	0.95	1	1	8.528494
Gravel Truck_str	BOBJ1	192	After	Interior Girder 5	32	0.95	1	1	9.324331
Gravel Truck_str	BOBJ1	192	After	Interior Girder 6	32	0.95	1	1	10.150406

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Approach, Span 4-6									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Gravel Truck_str	BOBJ1	192	After	Right Exterior Girder	32	0.95	1	1	17.392743
Gravel Truck_str	BOBJ1	200	Before	Left Exterior Girder	40	0.95	1	1	17.644155
Gravel Truck_str	BOBJ1	200	Before	Interior Girder 1	40	0.95	1	1	10.303822
Gravel Truck_str	BOBJ1	200	Before	Interior Girder 2	40	0.95	1	1	9.544946
Gravel Truck_str	BOBJ1	200	Before	Interior Girder 3	40	0.95	1	1	8.600612
Gravel Truck_str	BOBJ1	200	Before	Interior Girder 4	40	0.95	1	1	8.696385
Gravel Truck_str	BOBJ1	200	Before	Interior Girder 5	40	0.95	1	1	9.50841
Gravel Truck_str	BOBJ1	200	Before	Interior Girder 6	40	0.95	1	1	10.350936
Gravel Truck_str	BOBJ1	200	Before	Right Exterior Girder	40	0.95	1	1	17.644155
Gravel Truck_str	BOBJ1	200	After	Left Exterior Girder	40	0.95	1	1	21.740377
Gravel Truck_str	BOBJ1	200	After	Interior Girder 1	40	0.95	1	1	14.268437
Gravel Truck_str	BOBJ1	200	After	Interior Girder 2	40	0.95	1	1	12.664244
Gravel Truck_str	BOBJ1	200	After	Interior Girder 3	40	0.95	1	1	10.770374
Gravel Truck_str	BOBJ1	200	After	Interior Girder 4	40	0.95	1	1	10.91598
Gravel Truck_str	BOBJ1	200	After	Interior Girder 5	40	0.95	1	1	12.595163
Gravel Truck_str	BOBJ1	200	After	Interior Girder 6	40	0.95	1	1	14.351143
Gravel Truck_str	BOBJ1	200	After	Right Exterior Girder	40	0.95	1	1	21.740377
Gravel Truck_str	BOBJ1	208	Before	Left Exterior Girder	48	0.95	1	1	22.04317
Gravel Truck_str	BOBJ1	208	Before	Interior Girder 1	48	0.95	1	1	14.007273
Gravel Truck_str	BOBJ1	208	Before	Interior Girder 2	48	0.95	1	1	12.431875
Gravel Truck_str	BOBJ1	208	Before	Interior Girder 3	48	0.95	1	1	10.572354
Gravel Truck_str	BOBJ1	208	Before	Interior Girder 4	48	0.95	1	1	10.715283
Gravel Truck_str	BOBJ1	208	Before	Interior Girder 5	48	0.95	1	1	12.364061
Gravel Truck_str	BOBJ1	208	Before	Interior Girder 6	48	0.95	1	1	14.088466
Gravel Truck_str	BOBJ1	208	Before	Right Exterior Girder	48	0.95	1	1	22.04317
Gravel Truck_str	BOBJ1	208	After	Left Exterior Girder	48	0.95	1	1	18.100057
Gravel Truck_str	BOBJ1	208	After	Interior Girder 1	48	0.95	1	1	14.083932
Gravel Truck_str	BOBJ1	208	After	Interior Girder 2	48	0.95	1	1	12.979531
Gravel Truck_str	BOBJ1	208	After	Interior Girder 3	48	0.95	1	1	11.535254
Gravel Truck_str	BOBJ1	208	After	Interior Girder 4	48	0.95	1	1	11.750255
Gravel Truck_str	BOBJ1	208	After	Interior Girder 5	48	0.95	1	1	12.97131
Gravel Truck_str	BOBJ1	208	After	Interior Girder 6	48	0.95	1	1	14.085798
Gravel Truck_str	BOBJ1	208	After	Right Exterior Girder	48	0.95	1	1	18.131074
Gravel Truck_str	BOBJ1	216	Before	Left Exterior Girder	56	0.95	1	1	17.851214
Gravel Truck_str	BOBJ1	216	Before	Interior Girder 1	56	0.95	1	1	13.817435
Gravel Truck_str	BOBJ1	216	Before	Interior Girder 2	56	0.95	1	1	12.73465
Gravel Truck_str	BOBJ1	216	Before	Interior Girder 3	56	0.95	1	1	11.750787
Gravel Truck_str	BOBJ1	216	Before	Interior Girder 4	56	0.95	1	1	11.969804
Gravel Truck_str	BOBJ1	216	Before	Interior Girder 5	56	0.95	1	1	12.726584
Gravel Truck_str	BOBJ1	216	Before	Interior Girder 6	56	0.95	1	1	13.819265
Gravel Truck_str	BOBJ1	216	Before	Right Exterior Girder	56	0.95	1	1	17.881805
Gravel Truck_str	BOBJ1	216	After	Left Exterior Girder	56	0.95	1	1	15.181253
Gravel Truck_str	BOBJ1	216	After	Interior Girder 1	56	0.95	1	1	9.741691
Gravel Truck_str	BOBJ1	216	After	Interior Girder 2	56	0.95	1	1	9.147107
Gravel Truck_str	BOBJ1	216	After	Interior Girder 3	56	0.95	1	1	8.33597
Gravel Truck_str	BOBJ1	216	After	Interior Girder 4	56	0.95	1	1	8.426827
Gravel Truck_str	BOBJ1	216	After	Interior Girder 5	56	0.95	1	1	9.113397
Gravel Truck_str	BOBJ1	216	After	Interior Girder 6	56	0.95	1	1	9.784367
Gravel Truck_str	BOBJ1	216	After	Right Exterior Girder	56	0.95	1	1	15.202452
Gravel Truck_str	BOBJ1	224	Before	Left Exterior Girder	64	0.95	1	1	14.964714
Gravel Truck_str	BOBJ1	224	Before	Interior Girder 1	64	0.95	1	1	9.552841
Gravel Truck_str	BOBJ1	224	Before	Interior Girder 2	64	0.95	1	1	8.969969
Gravel Truck_str	BOBJ1	224	Before	Interior Girder 3	64	0.95	1	1	8.174604
Gravel Truck_str	BOBJ1	224	Before	Interior Girder 4	64	0.95	1	1	8.263702
Gravel Truck_str	BOBJ1	224	Before	Interior Girder 5	64	0.95	1	1	8.936912
Gravel Truck_str	BOBJ1	224	Before	Interior Girder 6	64	0.95	1	1	9.594689
Gravel Truck_str	BOBJ1	224	Before	Right Exterior Girder	64	0.95	1	1	14.985611
Gravel Truck_str	BOBJ1	224	After	Left Exterior Girder	64	0.95	1	1	10.271846
Gravel Truck_str	BOBJ1	224	After	Interior Girder 1	64	0.95	1	1	9.016871
Gravel Truck_str	BOBJ1	224	After	Interior Girder 2	64	0.95	1	1	8.481865
Gravel Truck_str	BOBJ1	224	After	Interior Girder 3	64	0.95	1	1	8.121768
Gravel Truck_str	BOBJ1	224	After	Interior Girder 4	64	0.95	1	1	8.143189
Gravel Truck_str	BOBJ1	224	After	Interior Girder 5	64	0.95	1	1	8.471814
Gravel Truck_str	BOBJ1	224	After	Interior Girder 6	64	0.95	1	1	9.0214
Gravel Truck_str	BOBJ1	224	After	Right Exterior Girder	64	0.95	1	1	10.282004

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Approach, Span 4-6									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Gravel Truck_str	BOBJ1	232	Before	Left Exterior Girder	72	0.95	1	1	10.120176
Gravel Truck_str	BOBJ1	232	Before	Interior Girder 1	72	0.95	1	1	8.836597
Gravel Truck_str	BOBJ1	232	Before	Interior Girder 2	72	0.95	1	1	8.313569
Gravel Truck_str	BOBJ1	232	Before	Interior Girder 3	72	0.95	1	1	7.959574
Gravel Truck_str	BOBJ1	232	Before	Interior Girder 4	72	0.95	1	1	7.980567
Gravel Truck_str	BOBJ1	232	Before	Interior Girder 5	72	0.95	1	1	8.303718
Gravel Truck_str	BOBJ1	232	Before	Interior Girder 6	72	0.95	1	1	8.841036
Gravel Truck_str	BOBJ1	232	Before	Right Exterior Girder	72	0.95	1	1	10.130184
Gravel Truck_str	BOBJ1	232	After	Left Exterior Girder	72	0.95	1	1	9.086183
Gravel Truck_str	BOBJ1	232	After	Interior Girder 1	72	0.95	1	1	6.486519
Gravel Truck_str	BOBJ1	232	After	Interior Girder 2	72	0.95	1	1	6.164263
Gravel Truck_str	BOBJ1	232	After	Interior Girder 3	72	0.95	1	1	5.395569
Gravel Truck_str	BOBJ1	232	After	Interior Girder 4	72	0.95	1	1	5.449804
Gravel Truck_str	BOBJ1	232	After	Interior Girder 5	72	0.95	1	1	6.140315
Gravel Truck_str	BOBJ1	232	After	Interior Girder 6	72	0.95	1	1	6.516225
Gravel Truck_str	BOBJ1	232	After	Right Exterior Girder	72	0.95	1	1	9.094744
Gravel Truck_str	BOBJ1	240	Before	Left Exterior Girder	80	0.95	1	1	8.946376
Gravel Truck_str	BOBJ1	240	Before	Interior Girder 1	80	0.95	1	1	6.353646
Gravel Truck_str	BOBJ1	240	Before	Interior Girder 2	80	0.95	1	1	6.038737
Gravel Truck_str	BOBJ1	240	Before	Interior Girder 3	80	0.95	1	1	5.28471
Gravel Truck_str	BOBJ1	240	Before	Interior Girder 4	80	0.95	1	1	5.33783
Gravel Truck_str	BOBJ1	240	Before	Interior Girder 5	80	0.95	1	1	6.015277
Gravel Truck_str	BOBJ1	240	Before	Interior Girder 6	80	0.95	1	1	6.382743
Gravel Truck_str	BOBJ1	240	Before	Right Exterior Girder	80	0.95	1	1	8.954805
Annual Permit 1_str	BOBJ1	0	After	Left Exterior Girder	0	0.95	1	1	6.926701
Annual Permit 1_str	BOBJ1	0	After	Interior Girder 1	0	0.95	1	1	5.899913
Annual Permit 1_str	BOBJ1	0	After	Interior Girder 2	0	0.95	1	1	5.973951
Annual Permit 1_str	BOBJ1	0	After	Interior Girder 3	0	0.95	1	1	5.376733
Annual Permit 1_str	BOBJ1	0	After	Interior Girder 4	0	0.95	1	1	5.409691
Annual Permit 1_str	BOBJ1	0	After	Interior Girder 5	0	0.95	1	1	5.958188
Annual Permit 1_str	BOBJ1	0	After	Interior Girder 6	0	0.95	1	1	5.919543
Annual Permit 1_str	BOBJ1	0	After	Right Exterior Girder	0	0.95	1	1	6.93507
Annual Permit 1_str	BOBJ1	8	Before	Left Exterior Girder	8	0.95	1	1	7.030233
Annual Permit 1_str	BOBJ1	8	Before	Interior Girder 1	8	0.95	1	1	6.019164
Annual Permit 1_str	BOBJ1	8	Before	Interior Girder 2	8	0.95	1	1	6.094022
Annual Permit 1_str	BOBJ1	8	Before	Interior Girder 3	8	0.95	1	1	5.485294
Annual Permit 1_str	BOBJ1	8	Before	Interior Girder 4	8	0.95	1	1	5.518918
Annual Permit 1_str	BOBJ1	8	Before	Interior Girder 5	8	0.95	1	1	6.077943
Annual Permit 1_str	BOBJ1	8	Before	Interior Girder 6	8	0.95	1	1	6.039191
Annual Permit 1_str	BOBJ1	8	Before	Right Exterior Girder	8	0.95	1	1	7.038727
Annual Permit 1_str	BOBJ1	8	After	Left Exterior Girder	8	0.95	1	1	8.210646
Annual Permit 1_str	BOBJ1	8	After	Interior Girder 1	8	0.95	1	1	8.555441
Annual Permit 1_str	BOBJ1	8	After	Interior Girder 2	8	0.95	1	1	8.901463
Annual Permit 1_str	BOBJ1	8	After	Interior Girder 3	8	0.95	1	1	8.531109
Annual Permit 1_str	BOBJ1	8	After	Interior Girder 4	8	0.95	1	1	8.562498
Annual Permit 1_str	BOBJ1	8	After	Interior Girder 5	8	0.95	1	1	8.910317
Annual Permit 1_str	BOBJ1	8	After	Interior Girder 6	8	0.95	1	1	8.5501
Annual Permit 1_str	BOBJ1	8	After	Right Exterior Girder	8	0.95	1	1	8.229115
Annual Permit 1_str	BOBJ1	16	Before	Left Exterior Girder	16	0.95	1	1	8.328698
Annual Permit 1_str	BOBJ1	16	Before	Interior Girder 1	16	0.95	1	1	8.724158
Annual Permit 1_str	BOBJ1	16	Before	Interior Girder 2	16	0.95	1	1	9.075858
Annual Permit 1_str	BOBJ1	16	Before	Interior Girder 3	16	0.95	1	1	8.698672
Annual Permit 1_str	BOBJ1	16	Before	Interior Girder 4	16	0.95	1	1	8.730678
Annual Permit 1_str	BOBJ1	16	Before	Interior Girder 5	16	0.95	1	1	9.084885
Annual Permit 1_str	BOBJ1	16	Before	Interior Girder 6	16	0.95	1	1	8.718711
Annual Permit 1_str	BOBJ1	16	Before	Right Exterior Girder	16	0.95	1	1	8.347433
Annual Permit 1_str	BOBJ1	16	After	Left Exterior Girder	16	0.95	1	1	11.634241
Annual Permit 1_str	BOBJ1	16	After	Interior Girder 1	16	0.95	1	1	10.002467
Annual Permit 1_str	BOBJ1	16	After	Interior Girder 2	16	0.95	1	1	9.006536
Annual Permit 1_str	BOBJ1	16	After	Interior Girder 3	16	0.95	1	1	8.177441
Annual Permit 1_str	BOBJ1	16	After	Interior Girder 4	16	0.95	1	1	8.261462
Annual Permit 1_str	BOBJ1	16	After	Interior Girder 5	16	0.95	1	1	8.972922
Annual Permit 1_str	BOBJ1	16	After	Interior Girder 6	16	0.95	1	1	10.049552
Annual Permit 1_str	BOBJ1	16	After	Right Exterior Girder	16	0.95	1	1	11.638754
Annual Permit 1_str	BOBJ1	20.5	Before	Left Exterior Girder	20.5	0.95	1	1	11.725984

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Approach, Span 4-6									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Annual Permit 1_str	BOBJ1	20.5	Before	Right Exterior Girder	20.5	0.95	1	1	11.730533
Annual Permit 1_str	BOBJ1	20.5	After	Left Exterior Girder	20.5	0.95	1	1	13.034689
Annual Permit 1_str	BOBJ1	20.5	After	Right Exterior Girder	20.5	0.95	1	1	13.026285
Annual Permit 1_str	BOBJ1	24	Before	Left Exterior Girder	24	0.95	1	1	13.121788
Annual Permit 1_str	BOBJ1	24	Before	Interior Girder 1	24	0.95	1	1	9.656581
Annual Permit 1_str	BOBJ1	24	Before	Interior Girder 2	24	0.95	1	1	9.178803
Annual Permit 1_str	BOBJ1	24	Before	Interior Girder 3	24	0.95	1	1	8.333514
Annual Permit 1_str	BOBJ1	24	Before	Interior Girder 4	24	0.95	1	1	8.419138
Annual Permit 1_str	BOBJ1	24	Before	Interior Girder 5	24	0.95	1	1	9.144547
Annual Permit 1_str	BOBJ1	24	Before	Interior Girder 6	24	0.95	1	1	9.697701
Annual Permit 1_str	BOBJ1	24	Before	Right Exterior Girder	24	0.95	1	1	13.113328
Annual Permit 1_str	BOBJ1	24	After	Left Exterior Girder	24	0.95	1	1	15.275897
Annual Permit 1_str	BOBJ1	24	After	Interior Girder 1	24	0.95	1	1	14.267929
Annual Permit 1_str	BOBJ1	24	After	Interior Girder 2	24	0.95	1	1	13.64891
Annual Permit 1_str	BOBJ1	24	After	Interior Girder 3	24	0.95	1	1	11.502881
Annual Permit 1_str	BOBJ1	24	After	Interior Girder 4	24	0.95	1	1	11.73729
Annual Permit 1_str	BOBJ1	24	After	Interior Girder 5	24	0.95	1	1	13.775485
Annual Permit 1_str	BOBJ1	24	After	Interior Girder 6	24	0.95	1	1	14.25667
Annual Permit 1_str	BOBJ1	24	After	Right Exterior Girder	24	0.95	1	1	15.259603
Annual Permit 1_str	BOBJ1	32	Before	Left Exterior Girder	32	0.95	1	1	15.504099
Annual Permit 1_str	BOBJ1	32	Before	Interior Girder 1	32	0.95	1	1	14.533765
Annual Permit 1_str	BOBJ1	32	Before	Interior Girder 2	32	0.95	1	1	13.406304
Annual Permit 1_str	BOBJ1	32	Before	Interior Girder 3	32	0.95	1	1	11.298139
Annual Permit 1_str	BOBJ1	32	Before	Interior Girder 4	32	0.95	1	1	11.528375
Annual Permit 1_str	BOBJ1	32	Before	Interior Girder 5	32	0.95	1	1	13.551299
Annual Permit 1_str	BOBJ1	32	Before	Interior Girder 6	32	0.95	1	1	14.522296
Annual Permit 1_str	BOBJ1	32	Before	Right Exterior Girder	32	0.95	1	1	15.487561
Annual Permit 1_str	BOBJ1	32	After	Left Exterior Girder	32	0.95	1	1	20.235903
Annual Permit 1_str	BOBJ1	32	After	Interior Girder 1	32	0.95	1	1	13.608363
Annual Permit 1_str	BOBJ1	32	After	Interior Girder 2	32	0.95	1	1	12.375231
Annual Permit 1_str	BOBJ1	32	After	Interior Girder 3	32	0.95	1	1	10.678095
Annual Permit 1_str	BOBJ1	32	After	Interior Girder 4	32	0.95	1	1	10.814614
Annual Permit 1_str	BOBJ1	32	After	Interior Girder 5	32	0.95	1	1	12.336943
Annual Permit 1_str	BOBJ1	32	After	Interior Girder 6	32	0.95	1	1	13.696924
Annual Permit 1_str	BOBJ1	32	After	Right Exterior Girder	32	0.95	1	1	20.294479
Annual Permit 1_str	BOBJ1	40	Before	Left Exterior Girder	40	0.95	1	1	19.938065
Annual Permit 1_str	BOBJ1	40	Before	Interior Girder 1	40	0.95	1	1	13.855045
Annual Permit 1_str	BOBJ1	40	Before	Interior Girder 2	40	0.95	1	1	12.599508
Annual Permit 1_str	BOBJ1	40	Before	Interior Girder 3	40	0.95	1	1	10.871871
Annual Permit 1_str	BOBJ1	40	Before	Interior Girder 4	40	0.95	1	1	11.010867
Annual Permit 1_str	BOBJ1	40	Before	Interior Girder 5	40	0.95	1	1	12.560526
Annual Permit 1_str	BOBJ1	40	Before	Interior Girder 6	40	0.95	1	1	13.94521
Annual Permit 1_str	BOBJ1	40	Before	Right Exterior Girder	40	0.95	1	1	19.995779
Annual Permit 1_str	BOBJ1	40	After	Left Exterior Girder	40	0.95	1	1	15.353888
Annual Permit 1_str	BOBJ1	40	After	Interior Girder 1	40	0.95	1	1	10.132112
Annual Permit 1_str	BOBJ1	40	After	Interior Girder 2	40	0.95	1	1	9.194974
Annual Permit 1_str	BOBJ1	40	After	Interior Girder 3	40	0.95	1	1	8.220965
Annual Permit 1_str	BOBJ1	40	After	Interior Girder 4	40	0.95	1	1	8.305424
Annual Permit 1_str	BOBJ1	40	After	Interior Girder 5	40	0.95	1	1	9.15674
Annual Permit 1_str	BOBJ1	40	After	Interior Girder 6	40	0.95	1	1	10.179804
Annual Permit 1_str	BOBJ1	40	After	Right Exterior Girder	40	0.95	1	1	15.353888
Annual Permit 1_str	BOBJ1	46.5	Before	Left Exterior Girder	46.5	0.95	1	1	15.163793
Annual Permit 1_str	BOBJ1	46.5	Before	Right Exterior Girder	46.5	0.95	1	1	15.163793
Annual Permit 1_str	BOBJ1	46.5	After	Left Exterior Girder	46.5	0.95	1	1	11.551467
Annual Permit 1_str	BOBJ1	46.5	After	Right Exterior Girder	46.5	0.95	1	1	11.551467
Annual Permit 1_str	BOBJ1	48	Before	Left Exterior Girder	48	0.95	1	1	11.520657
Annual Permit 1_str	BOBJ1	48	Before	Interior Girder 1	48	0.95	1	1	11.564467
Annual Permit 1_str	BOBJ1	48	Before	Interior Girder 2	48	0.95	1	1	9.022648
Annual Permit 1_str	BOBJ1	48	Before	Interior Girder 3	48	0.95	1	1	8.067234
Annual Permit 1_str	BOBJ1	48	Before	Interior Girder 4	48	0.95	1	1	8.150114
Annual Permit 1_str	BOBJ1	48	Before	Interior Girder 5	48	0.95	1	1	8.98513
Annual Permit 1_str	BOBJ1	48	Before	Interior Girder 6	48	0.95	1	1	11.604716
Annual Permit 1_str	BOBJ1	48	Before	Right Exterior Girder	48	0.95	1	1	11.520657
Annual Permit 1_str	BOBJ1	48	After	Left Exterior Girder	48	0.95	1	1	9.549907
Annual Permit 1_str	BOBJ1	48	After	Interior Girder 1	48	0.95	1	1	9.192313

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Approach, Span 4-6									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Annual Permit 1_str	BOBJ1	48	After	Interior Girder 2	48	0.95	1	1	9.452052
Annual Permit 1_str	BOBJ1	48	After	Interior Girder 3	48	0.95	1	1	8.86765
Annual Permit 1_str	BOBJ1	48	After	Interior Girder 4	48	0.95	1	1	8.909309
Annual Permit 1_str	BOBJ1	48	After	Interior Girder 5	48	0.95	1	1	9.464945
Annual Permit 1_str	BOBJ1	48	After	Interior Girder 6	48	0.95	1	1	9.20381
Annual Permit 1_str	BOBJ1	48	After	Right Exterior Girder	48	0.95	1	1	9.553963
Annual Permit 1_str	BOBJ1	56	Before	Left Exterior Girder	56	0.95	1	1	9.414671
Annual Permit 1_str	BOBJ1	56	Before	Interior Girder 1	56	0.95	1	1	9.014631
Annual Permit 1_str	BOBJ1	56	Before	Interior Girder 2	56	0.95	1	1	9.270397
Annual Permit 1_str	BOBJ1	56	Before	Interior Girder 3	56	0.95	1	1	8.697286
Annual Permit 1_str	BOBJ1	56	Before	Interior Girder 4	56	0.95	1	1	8.738144
Annual Permit 1_str	BOBJ1	56	Before	Interior Girder 5	56	0.95	1	1	9.283043
Annual Permit 1_str	BOBJ1	56	Before	Interior Girder 6	56	0.95	1	1	9.025906
Annual Permit 1_str	BOBJ1	56	Before	Right Exterior Girder	56	0.95	1	1	9.418671
Annual Permit 1_str	BOBJ1	56	After	Left Exterior Girder	56	0.95	1	1	8.090079
Annual Permit 1_str	BOBJ1	56	After	Interior Girder 1	56	0.95	1	1	6.533598
Annual Permit 1_str	BOBJ1	56	After	Interior Girder 2	56	0.95	1	1	6.490036
Annual Permit 1_str	BOBJ1	56	After	Interior Girder 3	56	0.95	1	1	5.795117
Annual Permit 1_str	BOBJ1	56	After	Interior Girder 4	56	0.95	1	1	5.847645
Annual Permit 1_str	BOBJ1	56	After	Interior Girder 5	56	0.95	1	1	6.474362
Annual Permit 1_str	BOBJ1	56	After	Interior Girder 6	56	0.95	1	1	6.549647
Annual Permit 1_str	BOBJ1	56	After	Right Exterior Girder	56	0.95	1	1	8.096294
Annual Permit 1_str	BOBJ1	59	Before	Interior Girder 1	59	0.95	1	1	6.48498
Annual Permit 1_str	BOBJ1	59	Before	Interior Girder 2	59	0.95	1	1	6.442138
Annual Permit 1_str	BOBJ1	59	Before	Interior Girder 3	59	0.95	1	1	5.752347
Annual Permit 1_str	BOBJ1	59	Before	Interior Girder 4	59	0.95	1	1	5.804488
Annual Permit 1_str	BOBJ1	59	Before	Interior Girder 5	59	0.95	1	1	6.42658
Annual Permit 1_str	BOBJ1	59	Before	Interior Girder 6	59	0.95	1	1	6.500911
Annual Permit 1_str	BOBJ1	59	After	Interior Girder 1	59	0.95	1	1	4.427027
Annual Permit 1_str	BOBJ1	59	After	Interior Girder 2	59	0.95	1	1	4.36278
Annual Permit 1_str	BOBJ1	59	After	Interior Girder 3	59	0.95	1	1	3.854057
Annual Permit 1_str	BOBJ1	59	After	Interior Girder 4	59	0.95	1	1	3.890271
Annual Permit 1_str	BOBJ1	59	After	Interior Girder 5	59	0.95	1	1	4.342077
Annual Permit 1_str	BOBJ1	59	After	Interior Girder 6	59	0.95	1	1	4.446578
Annual Permit 1_str	BOBJ1	64	Before	Left Exterior Girder	64	0.95	1	1	8.05516
Annual Permit 1_str	BOBJ1	64	Before	Interior Girder 1	64	0.95	1	1	4.362421
Annual Permit 1_str	BOBJ1	64	Before	Interior Girder 2	64	0.95	1	1	4.299542
Annual Permit 1_str	BOBJ1	64	Before	Interior Girder 3	64	0.95	1	1	3.798129
Annual Permit 1_str	BOBJ1	64	Before	Interior Girder 4	64	0.95	1	1	3.833818
Annual Permit 1_str	BOBJ1	64	Before	Interior Girder 5	64	0.95	1	1	4.279139
Annual Permit 1_str	BOBJ1	64	Before	Interior Girder 6	64	0.95	1	1	4.381687
Annual Permit 1_str	BOBJ1	64	Before	Right Exterior Girder	64	0.95	1	1	8.061935
Annual Permit 1_str	BOBJ1	64	After	Left Exterior Girder	64	0.95	1	1	5.787739
Annual Permit 1_str	BOBJ1	64	After	Interior Girder 1	64	0.95	1	1	4.58031
Annual Permit 1_str	BOBJ1	64	After	Interior Girder 2	64	0.95	1	1	4.685717
Annual Permit 1_str	BOBJ1	64	After	Interior Girder 3	64	0.95	1	1	3.90324
Annual Permit 1_str	BOBJ1	64	After	Interior Girder 4	64	0.95	1	1	3.916548
Annual Permit 1_str	BOBJ1	64	After	Interior Girder 5	64	0.95	1	1	4.674704
Annual Permit 1_str	BOBJ1	64	After	Interior Girder 6	64	0.95	1	1	4.581991
Annual Permit 1_str	BOBJ1	64	After	Right Exterior Girder	64	0.95	1	1	5.797949
Annual Permit 1_str	BOBJ1	69	Before	Interior Girder 1	69	0.95	1	1	4.512279
Annual Permit 1_str	BOBJ1	69	Before	Interior Girder 2	69	0.95	1	1	4.617194
Annual Permit 1_str	BOBJ1	69	Before	Interior Girder 3	69	0.95	1	1	3.844629
Annual Permit 1_str	BOBJ1	69	Before	Interior Girder 4	69	0.95	1	1	3.857738
Annual Permit 1_str	BOBJ1	69	Before	Interior Girder 5	69	0.95	1	1	4.606341
Annual Permit 1_str	BOBJ1	69	Before	Interior Girder 6	69	0.95	1	1	4.513936
Annual Permit 1_str	BOBJ1	69	After	Interior Girder 1	69	0.95	1	1	3.797338
Annual Permit 1_str	BOBJ1	69	After	Interior Girder 2	69	0.95	1	1	3.915143
Annual Permit 1_str	BOBJ1	69	After	Interior Girder 3	69	0.95	1	1	3.189634
Annual Permit 1_str	BOBJ1	69	After	Interior Girder 4	69	0.95	1	1	3.209813
Annual Permit 1_str	BOBJ1	69	After	Interior Girder 5	69	0.95	1	1	3.904389
Annual Permit 1_str	BOBJ1	69	After	Interior Girder 6	69	0.95	1	1	3.801385
Annual Permit 1_str	BOBJ1	72	Before	Left Exterior Girder	72	0.95	1	1	3.884762
Annual Permit 1_str	BOBJ1	72	Before	Interior Girder 1	72	0.95	1	1	3.758483
Annual Permit 1_str	BOBJ1	72	Before	Interior Girder 2	72	0.95	1	1	3.875857

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Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Annual Permit 1_str	BOBJ1	72	Before	Interior Girder 3	72	0.95	1	1	3.156658
Annual Permit 1_str	BOBJ1	72	Before	Interior Girder 4	72	0.95	1	1	3.176629
Annual Permit 1_str	BOBJ1	72	Before	Interior Girder 5	72	0.95	1	1	3.865211
Annual Permit 1_str	BOBJ1	72	Before	Interior Girder 6	72	0.95	1	1	3.762488
Annual Permit 1_str	BOBJ1	72	Before	Right Exterior Girder	72	0.95	1	1	3.890604
Annual Permit 1_str	BOBJ1	72	After	Left Exterior Girder	72	0.95	1	1	3.621914
Annual Permit 1_str	BOBJ1	72	After	Interior Girder 1	72	0.95	1	1	4.424661
Annual Permit 1_str	BOBJ1	72	After	Interior Girder 2	72	0.95	1	1	3.483501
Annual Permit 1_str	BOBJ1	72	After	Interior Girder 3	72	0.95	1	1	2.813421
Annual Permit 1_str	BOBJ1	72	After	Interior Girder 4	72	0.95	1	1	2.833444
Annual Permit 1_str	BOBJ1	72	After	Interior Girder 5	72	0.95	1	1	3.466127
Annual Permit 1_str	BOBJ1	72	After	Interior Girder 6	72	0.95	1	1	4.444216
Annual Permit 1_str	BOBJ1	72	After	Right Exterior Girder	72	0.95	1	1	3.626932
Annual Permit 1_str	BOBJ1	72.5	Before	Left Exterior Girder	72.5	0.95	1	1	3.618037
Annual Permit 1_str	BOBJ1	72.5	Before	Right Exterior Girder	72.5	0.95	1	1	3.62305
Annual Permit 1_str	BOBJ1	72.5	After	Left Exterior Girder	72.5	0.95	1	1	5.001355
Annual Permit 1_str	BOBJ1	72.5	After	Right Exterior Girder	72.5	0.95	1	1	5.00738
Annual Permit 1_str	BOBJ1	80	Before	Left Exterior Girder	80	0.95	1	1	4.914888
Annual Permit 1_str	BOBJ1	80	Before	Interior Girder 1	80	0.95	1	1	3.405389
Annual Permit 1_str	BOBJ1	80	Before	Interior Girder 2	80	0.95	1	1	3.389001
Annual Permit 1_str	BOBJ1	80	Before	Interior Girder 3	80	0.95	1	1	2.734335
Annual Permit 1_str	BOBJ1	80	Before	Interior Girder 4	80	0.95	1	1	2.753795
Annual Permit 1_str	BOBJ1	80	Before	Interior Girder 5	80	0.95	1	1	3.372098
Annual Permit 1_str	BOBJ1	80	Before	Interior Girder 6	80	0.95	1	1	3.418868
Annual Permit 1_str	BOBJ1	80	Before	Right Exterior Girder	80	0.95	1	1	4.920808
Annual Permit 1_str	BOBJ1	80	After	Left Exterior Girder	0	0.95	1	1	5.802731
Annual Permit 1_str	BOBJ1	80	After	Interior Girder 1	0	0.95	1	1	3.737058
Annual Permit 1_str	BOBJ1	80	After	Interior Girder 2	0	0.95	1	1	3.669794
Annual Permit 1_str	BOBJ1	80	After	Interior Girder 3	0	0.95	1	1	2.924744
Annual Permit 1_str	BOBJ1	80	After	Interior Girder 4	0	0.95	1	1	2.945841
Annual Permit 1_str	BOBJ1	80	After	Interior Girder 5	0	0.95	1	1	3.651574
Annual Permit 1_str	BOBJ1	80	After	Interior Girder 6	0	0.95	1	1	3.753348
Annual Permit 1_str	BOBJ1	80	After	Right Exterior Girder	0	0.95	1	1	5.81119
Annual Permit 1_str	BOBJ1	87.5	Before	Left Exterior Girder	7.5	0.95	1	1	5.900154
Annual Permit 1_str	BOBJ1	87.5	Before	Right Exterior Girder	7.5	0.95	1	1	5.908756
Annual Permit 1_str	BOBJ1	87.5	After	Left Exterior Girder	7.5	0.95	1	1	4.694539
Annual Permit 1_str	BOBJ1	87.5	After	Right Exterior Girder	7.5	0.95	1	1	4.701425
Annual Permit 1_str	BOBJ1	88	Before	Left Exterior Girder	8	0.95	1	1	4.699154
Annual Permit 1_str	BOBJ1	88	Before	Interior Girder 1	8	0.95	1	1	4.35947
Annual Permit 1_str	BOBJ1	88	Before	Interior Girder 2	8	0.95	1	1	3.767651
Annual Permit 1_str	BOBJ1	88	Before	Interior Girder 3	8	0.95	1	1	3.005542
Annual Permit 1_str	BOBJ1	88	Before	Interior Girder 4	8	0.95	1	1	3.027222
Annual Permit 1_str	BOBJ1	88	Before	Interior Girder 5	8	0.95	1	1	3.748945
Annual Permit 1_str	BOBJ1	88	Before	Interior Girder 6	8	0.95	1	1	4.378804
Annual Permit 1_str	BOBJ1	88	Before	Right Exterior Girder	8	0.95	1	1	4.706047
Annual Permit 1_str	BOBJ1	88	After	Left Exterior Girder	8	0.95	1	1	5.056139
Annual Permit 1_str	BOBJ1	88	After	Interior Girder 1	8	0.95	1	1	4.118255
Annual Permit 1_str	BOBJ1	88	After	Interior Girder 2	8	0.95	1	1	4.185637
Annual Permit 1_str	BOBJ1	88	After	Interior Girder 3	8	0.95	1	1	3.403162
Annual Permit 1_str	BOBJ1	88	After	Interior Girder 4	8	0.95	1	1	3.425113
Annual Permit 1_str	BOBJ1	88	After	Interior Girder 5	8	0.95	1	1	4.175106
Annual Permit 1_str	BOBJ1	88	After	Interior Girder 6	8	0.95	1	1	4.123699
Annual Permit 1_str	BOBJ1	88	After	Right Exterior Girder	8	0.95	1	1	5.062875
Annual Permit 1_str	BOBJ1	91	Before	Interior Girder 1	11	0.95	1	1	4.158811
Annual Permit 1_str	BOBJ1	91	Before	Interior Girder 2	11	0.95	1	1	4.226269
Annual Permit 1_str	BOBJ1	91	Before	Interior Girder 3	11	0.95	1	1	3.437173
Annual Permit 1_str	BOBJ1	91	Before	Interior Girder 4	11	0.95	1	1	3.459343
Annual Permit 1_str	BOBJ1	91	Before	Interior Girder 5	11	0.95	1	1	4.215635
Annual Permit 1_str	BOBJ1	91	Before	Interior Girder 6	11	0.95	1	1	4.164308
Annual Permit 1_str	BOBJ1	91	After	Interior Girder 1	11	0.95	1	1	4.970699
Annual Permit 1_str	BOBJ1	91	After	Interior Girder 2	11	0.95	1	1	5.068354
Annual Permit 1_str	BOBJ1	91	After	Interior Girder 3	11	0.95	1	1	4.21287
Annual Permit 1_str	BOBJ1	91	After	Interior Girder 4	11	0.95	1	1	4.227804
Annual Permit 1_str	BOBJ1	91	After	Interior Girder 5	11	0.95	1	1	5.059967
Annual Permit 1_str	BOBJ1	91	After	Interior Girder 6	11	0.95	1	1	4.970785

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Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Annual Permit 1_str	BOBJ1	96	Before	Left Exterior Girder	16	0.95	1	1	6.767929
Annual Permit 1_str	BOBJ1	96	Before	Interior Girder 1	16	0.95	1	1	5.042326
Annual Permit 1_str	BOBJ1	96	Before	Interior Girder 2	16	0.95	1	1	5.14044
Annual Permit 1_str	BOBJ1	96	Before	Interior Girder 3	16	0.95	1	1	4.274357
Annual Permit 1_str	BOBJ1	96	Before	Interior Girder 4	16	0.95	1	1	4.289509
Annual Permit 1_str	BOBJ1	96	Before	Interior Girder 5	16	0.95	1	1	5.131934
Annual Permit 1_str	BOBJ1	96	Before	Interior Girder 6	16	0.95	1	1	5.042413
Annual Permit 1_str	BOBJ1	96	Before	Right Exterior Girder	16	0.95	1	1	6.781405
Annual Permit 1_str	BOBJ1	96	After	Left Exterior Girder	16	0.95	1	1	6.797484
Annual Permit 1_str	BOBJ1	96	After	Interior Girder 1	16	0.95	1	1	5.511322
Annual Permit 1_str	BOBJ1	96	After	Interior Girder 2	16	0.95	1	1	5.466336
Annual Permit 1_str	BOBJ1	96	After	Interior Girder 3	16	0.95	1	1	4.936053
Annual Permit 1_str	BOBJ1	96	After	Interior Girder 4	16	0.95	1	1	4.974459
Annual Permit 1_str	BOBJ1	96	After	Interior Girder 5	16	0.95	1	1	5.446778
Annual Permit 1_str	BOBJ1	96	After	Interior Girder 6	16	0.95	1	1	5.533819
Annual Permit 1_str	BOBJ1	96	After	Right Exterior Girder	16	0.95	1	1	6.80736
Annual Permit 1_str	BOBJ1	104	Before	Left Exterior Girder	24	0.95	1	1	6.911178
Annual Permit 1_str	BOBJ1	104	Before	Interior Girder 1	24	0.95	1	1	5.636044
Annual Permit 1_str	BOBJ1	104	Before	Interior Girder 2	24	0.95	1	1	5.589592
Annual Permit 1_str	BOBJ1	104	Before	Interior Girder 3	24	0.95	1	1	5.047337
Annual Permit 1_str	BOBJ1	104	Before	Interior Girder 4	24	0.95	1	1	5.086609
Annual Permit 1_str	BOBJ1	104	Before	Interior Girder 5	24	0.95	1	1	5.569592
Annual Permit 1_str	BOBJ1	104	Before	Interior Girder 6	24	0.95	1	1	5.65905
Annual Permit 1_str	BOBJ1	104	Before	Right Exterior Girder	24	0.95	1	1	6.921219
Annual Permit 1_str	BOBJ1	104	After	Left Exterior Girder	24	0.95	1	1	8.467854
Annual Permit 1_str	BOBJ1	104	After	Interior Girder 1	24	0.95	1	1	8.190673
Annual Permit 1_str	BOBJ1	104	After	Interior Girder 2	24	0.95	1	1	8.477598
Annual Permit 1_str	BOBJ1	104	After	Interior Girder 3	24	0.95	1	1	7.964174
Annual Permit 1_str	BOBJ1	104	After	Interior Girder 4	24	0.95	1	1	8.066794
Annual Permit 1_str	BOBJ1	104	After	Interior Girder 5	24	0.95	1	1	8.479437
Annual Permit 1_str	BOBJ1	104	After	Interior Girder 6	24	0.95	1	1	8.199451
Annual Permit 1_str	BOBJ1	104	After	Right Exterior Girder	24	0.95	1	1	8.485845
Annual Permit 1_str	BOBJ1	112	Before	Left Exterior Girder	32	0.95	1	1	8.602793
Annual Permit 1_str	BOBJ1	112	Before	Interior Girder 1	32	0.95	1	1	8.370853
Annual Permit 1_str	BOBJ1	112	Before	Interior Girder 2	32	0.95	1	1	8.663021
Annual Permit 1_str	BOBJ1	112	Before	Interior Girder 3	32	0.95	1	1	8.138239
Annual Permit 1_str	BOBJ1	112	Before	Interior Girder 4	32	0.95	1	1	8.243101
Annual Permit 1_str	BOBJ1	112	Before	Interior Girder 5	32	0.95	1	1	8.664901
Annual Permit 1_str	BOBJ1	112	Before	Interior Girder 6	32	0.95	1	1	8.379824
Annual Permit 1_str	BOBJ1	112	Before	Right Exterior Girder	32	0.95	1	1	8.621071
Annual Permit 1_str	BOBJ1	112	After	Left Exterior Girder	32	0.95	1	1	15.443026
Annual Permit 1_str	BOBJ1	112	After	Interior Girder 1	32	0.95	1	1	9.150225
Annual Permit 1_str	BOBJ1	112	After	Interior Girder 2	32	0.95	1	1	8.415407
Annual Permit 1_str	BOBJ1	112	After	Interior Girder 3	32	0.95	1	1	7.469589
Annual Permit 1_str	BOBJ1	112	After	Interior Girder 4	32	0.95	1	1	7.550159
Annual Permit 1_str	BOBJ1	112	After	Interior Girder 5	32	0.95	1	1	8.435651
Annual Permit 1_str	BOBJ1	112	After	Interior Girder 6	32	0.95	1	1	9.169322
Annual Permit 1_str	BOBJ1	112	After	Right Exterior Girder	32	0.95	1	1	15.443026
Annual Permit 1_str	BOBJ1	120	Before	Left Exterior Girder	40	0.95	1	1	15.67954
Annual Permit 1_str	BOBJ1	120	Before	Interior Girder 1	40	0.95	1	1	9.344088
Annual Permit 1_str	BOBJ1	120	Before	Interior Girder 2	40	0.95	1	1	8.593886
Annual Permit 1_str	BOBJ1	120	Before	Interior Girder 3	40	0.95	1	1	7.627922
Annual Permit 1_str	BOBJ1	120	Before	Interior Girder 4	40	0.95	1	1	7.710199
Annual Permit 1_str	BOBJ1	120	Before	Interior Girder 5	40	0.95	1	1	8.614559
Annual Permit 1_str	BOBJ1	120	Before	Interior Girder 6	40	0.95	1	1	9.363589
Annual Permit 1_str	BOBJ1	120	Before	Right Exterior Girder	40	0.95	1	1	15.67954
Annual Permit 1_str	BOBJ1	120	After	Left Exterior Girder	40	0.95	1	1	16.187678
Annual Permit 1_str	BOBJ1	120	After	Interior Girder 1	40	0.95	1	1	9.419406
Annual Permit 1_str	BOBJ1	120	After	Interior Girder 2	40	0.95	1	1	8.658609
Annual Permit 1_str	BOBJ1	120	After	Interior Girder 3	40	0.95	1	1	7.685076
Annual Permit 1_str	BOBJ1	120	After	Interior Girder 4	40	0.95	1	1	7.769108
Annual Permit 1_str	BOBJ1	120	After	Interior Girder 5	40	0.95	1	1	8.689286
Annual Permit 1_str	BOBJ1	120	After	Interior Girder 6	40	0.95	1	1	9.439493
Annual Permit 1_str	BOBJ1	120	After	Right Exterior Girder	40	0.95	1	1	16.196042
Annual Permit 1_str	BOBJ1	128	Before	Left Exterior Girder	48	0.95	1	1	15.944039

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Approach, Span 4-6									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Annual Permit 1_str	BOBJ1	128	Before	Interior Girder 1	48	0.95	1	1	9.224142
Annual Permit 1_str	BOBJ1	128	Before	Interior Girder 2	48	0.95	1	1	8.478923
Annual Permit 1_str	BOBJ1	128	Before	Interior Girder 3	48	0.95	1	1	7.525644
Annual Permit 1_str	BOBJ1	128	Before	Interior Girder 4	48	0.95	1	1	7.607933
Annual Permit 1_str	BOBJ1	128	Before	Interior Girder 5	48	0.95	1	1	8.508963
Annual Permit 1_str	BOBJ1	128	Before	Interior Girder 6	48	0.95	1	1	9.243813
Annual Permit 1_str	BOBJ1	128	Before	Right Exterior Girder	48	0.95	1	1	15.952278
Annual Permit 1_str	BOBJ1	128	After	Left Exterior Girder	48	0.95	1	1	8.817482
Annual Permit 1_str	BOBJ1	128	After	Interior Girder 1	48	0.95	1	1	8.464053
Annual Permit 1_str	BOBJ1	128	After	Interior Girder 2	48	0.95	1	1	8.755433
Annual Permit 1_str	BOBJ1	128	After	Interior Girder 3	48	0.95	1	1	8.228538
Annual Permit 1_str	BOBJ1	128	After	Interior Girder 4	48	0.95	1	1	8.339632
Annual Permit 1_str	BOBJ1	128	After	Interior Girder 5	48	0.95	1	1	8.756427
Annual Permit 1_str	BOBJ1	128	After	Interior Girder 6	48	0.95	1	1	8.472441
Annual Permit 1_str	BOBJ1	128	After	Right Exterior Girder	48	0.95	1	1	8.836339
Annual Permit 1_str	BOBJ1	136	Before	Left Exterior Girder	56	0.95	1	1	8.679543
Annual Permit 1_str	BOBJ1	136	Before	Interior Girder 1	56	0.95	1	1	8.281976
Annual Permit 1_str	BOBJ1	136	Before	Interior Girder 2	56	0.95	1	1	8.568105
Annual Permit 1_str	BOBJ1	136	Before	Interior Girder 3	56	0.95	1	1	8.052694
Annual Permit 1_str	BOBJ1	136	Before	Interior Girder 4	56	0.95	1	1	8.161414
Annual Permit 1_str	BOBJ1	136	Before	Interior Girder 5	56	0.95	1	1	8.569078
Annual Permit 1_str	BOBJ1	136	Before	Interior Girder 6	56	0.95	1	1	8.290184
Annual Permit 1_str	BOBJ1	136	Before	Right Exterior Girder	56	0.95	1	1	8.698106
Annual Permit 1_str	BOBJ1	136	After	Left Exterior Girder	56	0.95	1	1	7.060811
Annual Permit 1_str	BOBJ1	136	After	Interior Girder 1	56	0.95	1	1	5.67896
Annual Permit 1_str	BOBJ1	136	After	Interior Girder 2	56	0.95	1	1	5.630314
Annual Permit 1_str	BOBJ1	136	After	Interior Girder 3	56	0.95	1	1	5.096782
Annual Permit 1_str	BOBJ1	136	After	Interior Girder 4	56	0.95	1	1	5.13653
Annual Permit 1_str	BOBJ1	136	After	Interior Girder 5	56	0.95	1	1	5.610273
Annual Permit 1_str	BOBJ1	136	After	Interior Girder 6	56	0.95	1	1	5.702003
Annual Permit 1_str	BOBJ1	136	After	Right Exterior Girder	56	0.95	1	1	7.071247
Annual Permit 1_str	BOBJ1	144	Before	Left Exterior Girder	64	0.95	1	1	6.944997
Annual Permit 1_str	BOBJ1	144	Before	Interior Girder 1	64	0.95	1	1	5.553352
Annual Permit 1_str	BOBJ1	144	Before	Interior Girder 2	64	0.95	1	1	5.506194
Annual Permit 1_str	BOBJ1	144	Before	Interior Girder 3	64	0.95	1	1	4.984518
Annual Permit 1_str	BOBJ1	144	Before	Interior Girder 4	64	0.95	1	1	5.02339
Annual Permit 1_str	BOBJ1	144	Before	Interior Girder 5	64	0.95	1	1	5.486594
Annual Permit 1_str	BOBJ1	144	Before	Interior Girder 6	64	0.95	1	1	5.575886
Annual Permit 1_str	BOBJ1	144	Before	Right Exterior Girder	64	0.95	1	1	6.955261
Annual Permit 1_str	BOBJ1	144	After	Left Exterior Girder	64	0.95	1	1	6.394669
Annual Permit 1_str	BOBJ1	144	After	Interior Girder 1	64	0.95	1	1	5.074391
Annual Permit 1_str	BOBJ1	144	After	Interior Girder 2	64	0.95	1	1	5.191855
Annual Permit 1_str	BOBJ1	144	After	Interior Girder 3	64	0.95	1	1	4.358422
Annual Permit 1_str	BOBJ1	144	After	Interior Girder 4	64	0.95	1	1	4.372392
Annual Permit 1_str	BOBJ1	144	After	Interior Girder 5	64	0.95	1	1	5.183407
Annual Permit 1_str	BOBJ1	144	After	Interior Girder 6	64	0.95	1	1	5.074901
Annual Permit 1_str	BOBJ1	144	After	Right Exterior Girder	64	0.95	1	1	6.407319
Annual Permit 1_str	BOBJ1	150	Before	Interior Girder 1	70	0.95	1	1	4.987846
Annual Permit 1_str	BOBJ1	150	Before	Interior Girder 2	70	0.95	1	1	5.104375
Annual Permit 1_str	BOBJ1	150	Before	Interior Girder 3	70	0.95	1	1	4.283292
Annual Permit 1_str	BOBJ1	150	Before	Interior Girder 4	70	0.95	1	1	4.297022
Annual Permit 1_str	BOBJ1	150	Before	Interior Girder 5	70	0.95	1	1	5.09607
Annual Permit 1_str	BOBJ1	150	Before	Interior Girder 6	70	0.95	1	1	4.988347
Annual Permit 1_str	BOBJ1	150	After	Interior Girder 1	70	0.95	1	1	3.879823
Annual Permit 1_str	BOBJ1	150	After	Interior Girder 2	70	0.95	1	1	4.050614
Annual Permit 1_str	BOBJ1	150	After	Interior Girder 3	70	0.95	1	1	3.285121
Annual Permit 1_str	BOBJ1	150	After	Interior Girder 4	70	0.95	1	1	3.310218
Annual Permit 1_str	BOBJ1	150	After	Interior Girder 5	70	0.95	1	1	4.040897
Annual Permit 1_str	BOBJ1	150	After	Interior Girder 6	70	0.95	1	1	3.885083
Annual Permit 1_str	BOBJ1	152	Before	Left Exterior Girder	72	0.95	1	1	6.272924
Annual Permit 1_str	BOBJ1	152	Before	Interior Girder 1	72	0.95	1	1	3.854645
Annual Permit 1_str	BOBJ1	152	Before	Interior Girder 2	72	0.95	1	1	4.024876
Annual Permit 1_str	BOBJ1	152	Before	Interior Girder 3	72	0.95	1	1	3.263671
Annual Permit 1_str	BOBJ1	152	Before	Interior Girder 4	72	0.95	1	1	3.288605
Annual Permit 1_str	BOBJ1	152	Before	Interior Girder 5	72	0.95	1	1	4.015222

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Approach, Span 4-6									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Annual Permit 1_str	BOBJ1	152	Before	Interior Girder 6	72	0.95	1	1	3.859871
Annual Permit 1_str	BOBJ1	152	Before	Right Exterior Girder	72	0.95	1	1	6.280357
Annual Permit 1_str	BOBJ1	152	After	Left Exterior Girder	72	0.95	1	1	5.469569
Annual Permit 1_str	BOBJ1	152	After	Interior Girder 1	72	0.95	1	1	3.581669
Annual Permit 1_str	BOBJ1	152	After	Interior Girder 2	72	0.95	1	1	3.781255
Annual Permit 1_str	BOBJ1	152	After	Interior Girder 3	72	0.95	1	1	3.037552
Annual Permit 1_str	BOBJ1	152	After	Interior Girder 4	72	0.95	1	1	3.059728
Annual Permit 1_str	BOBJ1	152	After	Interior Girder 5	72	0.95	1	1	3.762852
Annual Permit 1_str	BOBJ1	152	After	Interior Girder 6	72	0.95	1	1	3.596368
Annual Permit 1_str	BOBJ1	152	After	Right Exterior Girder	72	0.95	1	1	5.47752
Annual Permit 1_str	BOBJ1	154	Before	Left Exterior Girder	74	0.95	1	1	5.44762
Annual Permit 1_str	BOBJ1	154	Before	Right Exterior Girder	74	0.95	1	1	5.45554
Annual Permit 1_str	BOBJ1	154	After	Left Exterior Girder	74	0.95	1	1	5.501245
Annual Permit 1_str	BOBJ1	154	After	Right Exterior Girder	74	0.95	1	1	5.509172
Annual Permit 1_str	BOBJ1	160	Before	Left Exterior Girder	80	0.95	1	1	5.426256
Annual Permit 1_str	BOBJ1	160	Before	Interior Girder 1	80	0.95	1	1	3.734665
Annual Permit 1_str	BOBJ1	160	Before	Interior Girder 2	80	0.95	1	1	3.684209
Annual Permit 1_str	BOBJ1	160	Before	Interior Girder 3	80	0.95	1	1	2.957108
Annual Permit 1_str	BOBJ1	160	Before	Interior Girder 4	80	0.95	1	1	2.978697
Annual Permit 1_str	BOBJ1	160	Before	Interior Girder 5	80	0.95	1	1	3.666278
Annual Permit 1_str	BOBJ1	160	Before	Interior Girder 6	80	0.95	1	1	3.750837
Annual Permit 1_str	BOBJ1	160	Before	Right Exterior Girder	80	0.95	1	1	5.434075
Annual Permit 1_str	BOBJ1	160	After	Left Exterior Girder	0	0.95	1	1	4.57702
Annual Permit 1_str	BOBJ1	160	After	Interior Girder 1	0	0.95	1	1	3.395289
Annual Permit 1_str	BOBJ1	160	After	Interior Girder 2	0	0.95	1	1	3.397169
Annual Permit 1_str	BOBJ1	160	After	Interior Girder 3	0	0.95	1	1	2.764902
Annual Permit 1_str	BOBJ1	160	After	Interior Girder 4	0	0.95	1	1	2.784819
Annual Permit 1_str	BOBJ1	160	After	Interior Girder 5	0	0.95	1	1	3.380249
Annual Permit 1_str	BOBJ1	160	After	Interior Girder 6	0	0.95	1	1	3.408634
Annual Permit 1_str	BOBJ1	160	After	Right Exterior Girder	0	0.95	1	1	4.582286
Annual Permit 1_str	BOBJ1	166	Before	Left Exterior Girder	6	0.95	1	1	4.64328
Annual Permit 1_str	BOBJ1	166	Before	Right Exterior Girder	6	0.95	1	1	4.648622
Annual Permit 1_str	BOBJ1	166	After	Left Exterior Girder	6	0.95	1	1	4.555838
Annual Permit 1_str	BOBJ1	166	After	Right Exterior Girder	6	0.95	1	1	4.561695
Annual Permit 1_str	BOBJ1	168	Before	Left Exterior Girder	8	0.95	1	1	4.5752
Annual Permit 1_str	BOBJ1	168	Before	Interior Girder 1	8	0.95	1	1	3.344388
Annual Permit 1_str	BOBJ1	168	Before	Interior Girder 2	8	0.95	1	1	3.490632
Annual Permit 1_str	BOBJ1	168	Before	Interior Girder 3	8	0.95	1	1	2.843754
Annual Permit 1_str	BOBJ1	168	Before	Interior Girder 4	8	0.95	1	1	2.864238
Annual Permit 1_str	BOBJ1	168	Before	Interior Girder 5	8	0.95	1	1	3.473246
Annual Permit 1_str	BOBJ1	168	Before	Interior Girder 6	8	0.95	1	1	3.35703
Annual Permit 1_str	BOBJ1	168	Before	Right Exterior Girder	8	0.95	1	1	4.581082
Annual Permit 1_str	BOBJ1	168	After	Left Exterior Girder	8	0.95	1	1	5.239477
Annual Permit 1_str	BOBJ1	168	After	Interior Girder 1	8	0.95	1	1	3.498408
Annual Permit 1_str	BOBJ1	168	After	Interior Girder 2	8	0.95	1	1	3.722107
Annual Permit 1_str	BOBJ1	168	After	Interior Girder 3	8	0.95	1	1	3.041091
Annual Permit 1_str	BOBJ1	168	After	Interior Girder 4	8	0.95	1	1	3.063923
Annual Permit 1_str	BOBJ1	168	After	Interior Girder 5	8	0.95	1	1	3.71221
Annual Permit 1_str	BOBJ1	168	After	Interior Girder 6	8	0.95	1	1	3.502036
Annual Permit 1_str	BOBJ1	168	After	Right Exterior Girder	8	0.95	1	1	5.246206
Annual Permit 1_str	BOBJ1	170	Before	Interior Girder 1	10	0.95	1	1	3.52237
Annual Permit 1_str	BOBJ1	170	Before	Interior Girder 2	10	0.95	1	1	3.746933
Annual Permit 1_str	BOBJ1	170	Before	Interior Girder 3	10	0.95	1	1	3.062009
Annual Permit 1_str	BOBJ1	170	Before	Interior Girder 4	10	0.95	1	1	3.084999
Annual Permit 1_str	BOBJ1	170	Before	Interior Girder 5	10	0.95	1	1	3.73697
Annual Permit 1_str	BOBJ1	170	Before	Interior Girder 6	10	0.95	1	1	3.526023
Annual Permit 1_str	BOBJ1	170	After	Interior Girder 1	10	0.95	1	1	4.53521
Annual Permit 1_str	BOBJ1	170	After	Interior Girder 2	10	0.95	1	1	4.646249
Annual Permit 1_str	BOBJ1	170	After	Interior Girder 3	10	0.95	1	1	3.911812
Annual Permit 1_str	BOBJ1	170	After	Interior Girder 4	10	0.95	1	1	3.923945
Annual Permit 1_str	BOBJ1	170	After	Interior Girder 5	10	0.95	1	1	4.634918
Annual Permit 1_str	BOBJ1	170	After	Interior Girder 6	10	0.95	1	1	4.537375
Annual Permit 1_str	BOBJ1	176	Before	Left Exterior Girder	16	0.95	1	1	5.456738
Annual Permit 1_str	BOBJ1	176	Before	Interior Girder 1	16	0.95	1	1	4.617354
Annual Permit 1_str	BOBJ1	176	Before	Interior Girder 2	16	0.95	1	1	4.72927

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Approach, Span 4-6									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Annual Permit 1_str	BOBJ1	176	Before	Interior Girder 3	16	0.95	1	1	3.983568
Annual Permit 1_str	BOBJ1	176	Before	Interior Girder 4	16	0.95	1	1	3.995924
Annual Permit 1_str	BOBJ1	176	Before	Interior Girder 5	16	0.95	1	1	4.717736
Annual Permit 1_str	BOBJ1	176	Before	Interior Girder 6	16	0.95	1	1	4.619558
Annual Permit 1_str	BOBJ1	176	Before	Right Exterior Girder	16	0.95	1	1	5.465793
Annual Permit 1_str	BOBJ1	176	After	Left Exterior Girder	16	0.95	1	1	7.770279
Annual Permit 1_str	BOBJ1	176	After	Interior Girder 1	16	0.95	1	1	4.294644
Annual Permit 1_str	BOBJ1	176	After	Interior Girder 2	16	0.95	1	1	4.310696
Annual Permit 1_str	BOBJ1	176	After	Interior Girder 3	16	0.95	1	1	3.841385
Annual Permit 1_str	BOBJ1	176	After	Interior Girder 4	16	0.95	1	1	3.877712
Annual Permit 1_str	BOBJ1	176	After	Interior Girder 5	16	0.95	1	1	4.290277
Annual Permit 1_str	BOBJ1	176	After	Interior Girder 6	16	0.95	1	1	4.313372
Annual Permit 1_str	BOBJ1	176	After	Right Exterior Girder	16	0.95	1	1	7.776136
Annual Permit 1_str	BOBJ1	181	Before	Interior Girder 1	21	0.95	1	1	4.358349
Annual Permit 1_str	BOBJ1	181	Before	Interior Girder 2	21	0.95	1	1	4.37405
Annual Permit 1_str	BOBJ1	181	Before	Interior Girder 3	21	0.95	1	1	3.897843
Annual Permit 1_str	BOBJ1	181	Before	Interior Girder 4	21	0.95	1	1	3.934705
Annual Permit 1_str	BOBJ1	181	Before	Interior Girder 5	21	0.95	1	1	4.353331
Annual Permit 1_str	BOBJ1	181	Before	Interior Girder 6	21	0.95	1	1	4.377355
Annual Permit 1_str	BOBJ1	181	After	Interior Girder 1	21	0.95	1	1	6.003681
Annual Permit 1_str	BOBJ1	181	After	Interior Girder 2	21	0.95	1	1	6.104328
Annual Permit 1_str	BOBJ1	181	After	Interior Girder 3	21	0.95	1	1	5.504701
Annual Permit 1_str	BOBJ1	181	After	Interior Girder 4	21	0.95	1	1	5.55496
Annual Permit 1_str	BOBJ1	181	After	Interior Girder 5	21	0.95	1	1	6.089403
Annual Permit 1_str	BOBJ1	181	After	Interior Girder 6	21	0.95	1	1	6.018211
Annual Permit 1_str	BOBJ1	184	Before	Left Exterior Girder	24	0.95	1	1	7.803223
Annual Permit 1_str	BOBJ1	184	Before	Interior Girder 1	24	0.95	1	1	6.050458
Annual Permit 1_str	BOBJ1	184	Before	Interior Girder 2	24	0.95	1	1	6.151348
Annual Permit 1_str	BOBJ1	184	Before	Interior Girder 3	24	0.95	1	1	5.547067
Annual Permit 1_str	BOBJ1	184	Before	Interior Girder 4	24	0.95	1	1	5.597713
Annual Permit 1_str	BOBJ1	184	Before	Interior Girder 5	24	0.95	1	1	6.136309
Annual Permit 1_str	BOBJ1	184	Before	Interior Girder 6	24	0.95	1	1	6.065102
Annual Permit 1_str	BOBJ1	184	Before	Right Exterior Girder	24	0.95	1	1	7.808168
Annual Permit 1_str	BOBJ1	184	After	Left Exterior Girder	24	0.95	1	1	9.147338
Annual Permit 1_str	BOBJ1	184	After	Interior Girder 1	24	0.95	1	1	8.259919
Annual Permit 1_str	BOBJ1	184	After	Interior Girder 2	24	0.95	1	1	8.806652
Annual Permit 1_str	BOBJ1	184	After	Interior Girder 3	24	0.95	1	1	8.378404
Annual Permit 1_str	BOBJ1	184	After	Interior Girder 4	24	0.95	1	1	8.421216
Annual Permit 1_str	BOBJ1	184	After	Interior Girder 5	24	0.95	1	1	8.816856
Annual Permit 1_str	BOBJ1	184	After	Interior Girder 6	24	0.95	1	1	8.269206
Annual Permit 1_str	BOBJ1	184	After	Right Exterior Girder	24	0.95	1	1	9.147506
Annual Permit 1_str	BOBJ1	192	Before	Left Exterior Girder	32	0.95	1	1	9.28379
Annual Permit 1_str	BOBJ1	192	Before	Interior Girder 1	32	0.95	1	1	8.428968
Annual Permit 1_str	BOBJ1	192	Before	Interior Girder 2	32	0.95	1	1	8.985325
Annual Permit 1_str	BOBJ1	192	Before	Interior Girder 3	32	0.95	1	1	8.548198
Annual Permit 1_str	BOBJ1	192	Before	Interior Girder 4	32	0.95	1	1	8.591878
Annual Permit 1_str	BOBJ1	192	Before	Interior Girder 5	32	0.95	1	1	8.995736
Annual Permit 1_str	BOBJ1	192	Before	Interior Girder 6	32	0.95	1	1	8.438445
Annual Permit 1_str	BOBJ1	192	Before	Right Exterior Girder	32	0.95	1	1	9.28396
Annual Permit 1_str	BOBJ1	192	After	Left Exterior Girder	32	0.95	1	1	15.056653
Annual Permit 1_str	BOBJ1	192	After	Interior Girder 1	32	0.95	1	1	9.187444
Annual Permit 1_str	BOBJ1	192	After	Interior Girder 2	32	0.95	1	1	8.680564
Annual Permit 1_str	BOBJ1	192	After	Interior Girder 3	32	0.95	1	1	7.799512
Annual Permit 1_str	BOBJ1	192	After	Interior Girder 4	32	0.95	1	1	7.880055
Annual Permit 1_str	BOBJ1	192	After	Interior Girder 5	32	0.95	1	1	8.644766
Annual Permit 1_str	BOBJ1	192	After	Interior Girder 6	32	0.95	1	1	9.230653
Annual Permit 1_str	BOBJ1	192	After	Right Exterior Girder	32	0.95	1	1	15.056653
Annual Permit 1_str	BOBJ1	200	Before	Left Exterior Girder	40	0.95	1	1	15.274297
Annual Permit 1_str	BOBJ1	200	Before	Interior Girder 1	40	0.95	1	1	9.36895
Annual Permit 1_str	BOBJ1	200	Before	Interior Girder 2	40	0.95	1	1	8.851934
Annual Permit 1_str	BOBJ1	200	Before	Interior Girder 3	40	0.95	1	1	7.953052
Annual Permit 1_str	BOBJ1	200	Before	Interior Girder 4	40	0.95	1	1	8.035181
Annual Permit 1_str	BOBJ1	200	Before	Interior Girder 5	40	0.95	1	1	8.81543
Annual Permit 1_str	BOBJ1	200	Before	Interior Girder 6	40	0.95	1	1	9.413013
Annual Permit 1_str	BOBJ1	200	Before	Right Exterior Girder	40	0.95	1	1	15.274297

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Approach, Span 4-6									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Annual Permit 1_str	BOBJ1	200	After	Left Exterior Girder	40	0.95	1	1	19.652385
Annual Permit 1_str	BOBJ1	200	After	Interior Girder 1	40	0.95	1	1	13.492683
Annual Permit 1_str	BOBJ1	200	After	Interior Girder 2	40	0.95	1	1	11.983246
Annual Permit 1_str	BOBJ1	200	After	Interior Girder 3	40	0.95	1	1	10.27478
Annual Permit 1_str	BOBJ1	200	After	Interior Girder 4	40	0.95	1	1	10.402485
Annual Permit 1_str	BOBJ1	200	After	Interior Girder 5	40	0.95	1	1	11.941595
Annual Permit 1_str	BOBJ1	200	After	Interior Girder 6	40	0.95	1	1	13.57971
Annual Permit 1_str	BOBJ1	200	After	Right Exterior Girder	40	0.95	1	1	19.707529
Annual Permit 1_str	BOBJ1	208	Before	Left Exterior Girder	48	0.95	1	1	19.926097
Annual Permit 1_str	BOBJ1	208	Before	Interior Girder 1	48	0.95	1	1	13.245719
Annual Permit 1_str	BOBJ1	208	Before	Interior Girder 2	48	0.95	1	1	11.763372
Annual Permit 1_str	BOBJ1	208	Before	Interior Girder 3	48	0.95	1	1	10.085872
Annual Permit 1_str	BOBJ1	208	Before	Interior Girder 4	48	0.95	1	1	10.211229
Annual Permit 1_str	BOBJ1	208	Before	Interior Girder 5	48	0.95	1	1	11.722485
Annual Permit 1_str	BOBJ1	208	Before	Interior Girder 6	48	0.95	1	1	13.331152
Annual Permit 1_str	BOBJ1	208	Before	Right Exterior Girder	48	0.95	1	1	19.98201
Annual Permit 1_str	BOBJ1	208	After	Left Exterior Girder	48	0.95	1	1	15.611967
Annual Permit 1_str	BOBJ1	208	After	Interior Girder 1	48	0.95	1	1	13.030469
Annual Permit 1_str	BOBJ1	208	After	Interior Girder 2	48	0.95	1	1	13.159305
Annual Permit 1_str	BOBJ1	208	After	Interior Girder 3	48	0.95	1	1	11.221795
Annual Permit 1_str	BOBJ1	208	After	Interior Girder 4	48	0.95	1	1	11.47854
Annual Permit 1_str	BOBJ1	208	After	Interior Girder 5	48	0.95	1	1	13.172459
Annual Permit 1_str	BOBJ1	208	After	Interior Girder 6	48	0.95	1	1	13.021667
Annual Permit 1_str	BOBJ1	208	After	Right Exterior Girder	48	0.95	1	1	15.591283
Annual Permit 1_str	BOBJ1	216	Before	Left Exterior Girder	56	0.95	1	1	15.397331
Annual Permit 1_str	BOBJ1	216	Before	Interior Girder 1	56	0.95	1	1	12.783906
Annual Permit 1_str	BOBJ1	216	Before	Interior Girder 2	56	0.95	1	1	12.911032
Annual Permit 1_str	BOBJ1	216	Before	Interior Girder 3	56	0.95	1	1	11.431471
Annual Permit 1_str	BOBJ1	216	Before	Interior Girder 4	56	0.95	1	1	11.693012
Annual Permit 1_str	BOBJ1	216	Before	Interior Girder 5	56	0.95	1	1	12.923938
Annual Permit 1_str	BOBJ1	216	Before	Interior Girder 6	56	0.95	1	1	12.77527
Annual Permit 1_str	BOBJ1	216	Before	Right Exterior Girder	56	0.95	1	1	15.376931
Annual Permit 1_str	BOBJ1	216	After	Left Exterior Girder	56	0.95	1	1	12.779282
Annual Permit 1_str	BOBJ1	216	After	Interior Girder 1	56	0.95	1	1	8.810472
Annual Permit 1_str	BOBJ1	216	After	Interior Girder 2	56	0.95	1	1	8.552424
Annual Permit 1_str	BOBJ1	216	After	Interior Girder 3	56	0.95	1	1	7.706673
Annual Permit 1_str	BOBJ1	216	After	Interior Girder 4	56	0.95	1	1	7.784309
Annual Permit 1_str	BOBJ1	216	After	Interior Girder 5	56	0.95	1	1	8.518701
Annual Permit 1_str	BOBJ1	216	After	Interior Girder 6	56	0.95	1	1	8.849663
Annual Permit 1_str	BOBJ1	216	After	Right Exterior Girder	56	0.95	1	1	12.758637
Annual Permit 1_str	BOBJ1	224	Before	Left Exterior Girder	64	0.95	1	1	12.597003
Annual Permit 1_str	BOBJ1	224	Before	Interior Girder 1	64	0.95	1	1	8.639675
Annual Permit 1_str	BOBJ1	224	Before	Interior Girder 2	64	0.95	1	1	8.386803
Annual Permit 1_str	BOBJ1	224	Before	Interior Girder 3	64	0.95	1	1	7.557489
Annual Permit 1_str	BOBJ1	224	Before	Interior Girder 4	64	0.95	1	1	7.633622
Annual Permit 1_str	BOBJ1	224	Before	Interior Girder 5	64	0.95	1	1	8.353733
Annual Permit 1_str	BOBJ1	224	Before	Interior Girder 6	64	0.95	1	1	8.678105
Annual Permit 1_str	BOBJ1	224	Before	Right Exterior Girder	64	0.95	1	1	12.576653
Annual Permit 1_str	BOBJ1	224	After	Left Exterior Girder	64	0.95	1	1	8.200663
Annual Permit 1_str	BOBJ1	224	After	Interior Girder 1	64	0.95	1	1	7.816601
Annual Permit 1_str	BOBJ1	224	After	Interior Girder 2	64	0.95	1	1	8.278383
Annual Permit 1_str	BOBJ1	224	After	Interior Girder 3	64	0.95	1	1	7.586951
Annual Permit 1_str	BOBJ1	224	After	Interior Girder 4	64	0.95	1	1	7.623364
Annual Permit 1_str	BOBJ1	224	After	Interior Girder 5	64	0.95	1	1	8.279391
Annual Permit 1_str	BOBJ1	224	After	Interior Girder 6	64	0.95	1	1	7.815682
Annual Permit 1_str	BOBJ1	224	After	Right Exterior Girder	64	0.95	1	1	8.217379
Annual Permit 1_str	BOBJ1	232	Before	Left Exterior Girder	72	0.95	1	1	8.079575
Annual Permit 1_str	BOBJ1	232	Before	Interior Girder 1	72	0.95	1	1	7.660325
Annual Permit 1_str	BOBJ1	232	Before	Interior Girder 2	72	0.95	1	1	8.114124
Annual Permit 1_str	BOBJ1	232	Before	Interior Girder 3	72	0.95	1	1	7.435437
Annual Permit 1_str	BOBJ1	232	Before	Interior Girder 4	72	0.95	1	1	7.471123
Annual Permit 1_str	BOBJ1	232	Before	Interior Girder 5	72	0.95	1	1	8.115113
Annual Permit 1_str	BOBJ1	232	Before	Interior Girder 6	72	0.95	1	1	7.659424
Annual Permit 1_str	BOBJ1	232	Before	Right Exterior Girder	72	0.95	1	1	8.096044
Annual Permit 1_str	BOBJ1	232	After	Left Exterior Girder	72	0.95	1	1	6.899442

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Approach, Span 4-6									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Annual Permit 1_str	BOBJ1	232	After	Interior Girder 1	72	0.95	1	1	5.432393
Annual Permit 1_str	BOBJ1	232	After	Interior Girder 2	72	0.95	1	1	5.477886
Annual Permit 1_str	BOBJ1	232	After	Interior Girder 3	72	0.95	1	1	4.758543
Annual Permit 1_str	BOBJ1	232	After	Interior Girder 4	72	0.95	1	1	4.800868
Annual Permit 1_str	BOBJ1	232	After	Interior Girder 5	72	0.95	1	1	5.45499
Annual Permit 1_str	BOBJ1	232	After	Interior Girder 6	72	0.95	1	1	5.455164
Annual Permit 1_str	BOBJ1	232	After	Right Exterior Girder	72	0.95	1	1	6.907546
Annual Permit 1_str	BOBJ1	240	Before	Left Exterior Girder	80	0.95	1	1	6.793282
Annual Permit 1_str	BOBJ1	240	Before	Interior Girder 1	80	0.95	1	1	5.321113
Annual Permit 1_str	BOBJ1	240	Before	Interior Girder 2	80	0.95	1	1	5.366337
Annual Permit 1_str	BOBJ1	240	Before	Interior Girder 3	80	0.95	1	1	4.660772
Annual Permit 1_str	BOBJ1	240	Before	Interior Girder 4	80	0.95	1	1	4.702228
Annual Permit 1_str	BOBJ1	240	Before	Interior Girder 5	80	0.95	1	1	5.343908
Annual Permit 1_str	BOBJ1	240	Before	Interior Girder 6	80	0.95	1	1	5.343418
Annual Permit 1_str	BOBJ1	240	Before	Right Exterior Girder	80	0.95	1	1	6.80126
Annual Permit 2_str	BOBJ1	0	After	Left Exterior Girder	0	0.95	1	1	5.801995
Annual Permit 2_str	BOBJ1	0	After	Interior Girder 1	0	0.95	1	1	5.266157
Annual Permit 2_str	BOBJ1	0	After	Interior Girder 2	0	0.95	1	1	5.385385
Annual Permit 2_str	BOBJ1	0	After	Interior Girder 3	0	0.95	1	1	4.858873
Annual Permit 2_str	BOBJ1	0	After	Interior Girder 4	0	0.95	1	1	4.890295
Annual Permit 2_str	BOBJ1	0	After	Interior Girder 5	0	0.95	1	1	5.382146
Annual Permit 2_str	BOBJ1	0	After	Interior Girder 6	0	0.95	1	1	5.279799
Annual Permit 2_str	BOBJ1	0	After	Right Exterior Girder	0	0.95	1	1	5.809669
Annual Permit 2_str	BOBJ1	8	Before	Left Exterior Girder	8	0.95	1	1	5.888716
Annual Permit 2_str	BOBJ1	8	Before	Interior Girder 1	8	0.95	1	1	5.372599
Annual Permit 2_str	BOBJ1	8	Before	Interior Girder 2	8	0.95	1	1	5.493627
Annual Permit 2_str	BOBJ1	8	Before	Interior Girder 3	8	0.95	1	1	4.956978
Annual Permit 2_str	BOBJ1	8	Before	Interior Girder 4	8	0.95	1	1	4.989035
Annual Permit 2_str	BOBJ1	8	Before	Interior Girder 5	8	0.95	1	1	5.490323
Annual Permit 2_str	BOBJ1	8	Before	Interior Girder 6	8	0.95	1	1	5.386516
Annual Permit 2_str	BOBJ1	8	Before	Right Exterior Girder	8	0.95	1	1	5.896505
Annual Permit 2_str	BOBJ1	8	After	Left Exterior Girder	8	0.95	1	1	6.771037
Annual Permit 2_str	BOBJ1	8	After	Interior Girder 1	8	0.95	1	1	7.479448
Annual Permit 2_str	BOBJ1	8	After	Interior Girder 2	8	0.95	1	1	7.962496
Annual Permit 2_str	BOBJ1	8	After	Interior Girder 3	8	0.95	1	1	7.532977
Annual Permit 2_str	BOBJ1	8	After	Interior Girder 4	8	0.95	1	1	7.628791
Annual Permit 2_str	BOBJ1	8	After	Interior Girder 5	8	0.95	1	1	8.029822
Annual Permit 2_str	BOBJ1	8	After	Interior Girder 6	8	0.95	1	1	7.463706
Annual Permit 2_str	BOBJ1	8	After	Right Exterior Girder	8	0.95	1	1	6.781902
Annual Permit 2_str	BOBJ1	16	Before	Left Exterior Girder	16	0.95	1	1	6.86839
Annual Permit 2_str	BOBJ1	16	Before	Interior Girder 1	16	0.95	1	1	7.626946
Annual Permit 2_str	BOBJ1	16	Before	Interior Girder 2	16	0.95	1	1	8.118495
Annual Permit 2_str	BOBJ1	16	Before	Interior Girder 3	16	0.95	1	1	7.680935
Annual Permit 2_str	BOBJ1	16	Before	Interior Girder 4	16	0.95	1	1	7.778631
Annual Permit 2_str	BOBJ1	16	Before	Interior Girder 5	16	0.95	1	1	8.18714
Annual Permit 2_str	BOBJ1	16	Before	Interior Girder 6	16	0.95	1	1	7.610893
Annual Permit 2_str	BOBJ1	16	Before	Right Exterior Girder	16	0.95	1	1	6.879411
Annual Permit 2_str	BOBJ1	16	After	Left Exterior Girder	16	0.95	1	1	9.572106
Annual Permit 2_str	BOBJ1	16	After	Interior Girder 1	16	0.95	1	1	8.855055
Annual Permit 2_str	BOBJ1	16	After	Interior Girder 2	16	0.95	1	1	8.141396
Annual Permit 2_str	BOBJ1	16	After	Interior Girder 3	16	0.95	1	1	7.519415
Annual Permit 2_str	BOBJ1	16	After	Interior Girder 4	16	0.95	1	1	7.676279
Annual Permit 2_str	BOBJ1	16	After	Interior Girder 5	16	0.95	1	1	8.272012
Annual Permit 2_str	BOBJ1	16	After	Interior Girder 6	16	0.95	1	1	8.882418
Annual Permit 2_str	BOBJ1	16	After	Right Exterior Girder	16	0.95	1	1	9.574765
Annual Permit 2_str	BOBJ1	20.5	Before	Left Exterior Girder	20.5	0.95	1	1	9.647588
Annual Permit 2_str	BOBJ1	20.5	Before	Right Exterior Girder	20.5	0.95	1	1	9.650268
Annual Permit 2_str	BOBJ1	20.5	After	Left Exterior Girder	20.5	0.95	1	1	10.538261
Annual Permit 2_str	BOBJ1	20.5	After	Right Exterior Girder	20.5	0.95	1	1	10.532986
Annual Permit 2_str	BOBJ1	24	Before	Left Exterior Girder	24	0.95	1	1	10.608678
Annual Permit 2_str	BOBJ1	24	Before	Interior Girder 1	24	0.95	1	1	8.853273
Annual Permit 2_str	BOBJ1	24	Before	Interior Girder 2	24	0.95	1	1	8.297116
Annual Permit 2_str	BOBJ1	24	Before	Interior Girder 3	24	0.95	1	1	7.662929
Annual Permit 2_str	BOBJ1	24	Before	Interior Girder 4	24	0.95	1	1	7.822786
Annual Permit 2_str	BOBJ1	24	Before	Interior Girder 5	24	0.95	1	1	8.430231

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Approach, Span 4-6									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Annual Permit 2_str	BOBJ1	24	Before	Interior Girder 6	24	0.95	1	1	8.878601
Annual Permit 2_str	BOBJ1	24	Before	Right Exterior Girder	24	0.95	1	1	10.603369
Annual Permit 2_str	BOBJ1	24	After	Left Exterior Girder	24	0.95	1	1	12.861419
Annual Permit 2_str	BOBJ1	24	After	Interior Girder 1	24	0.95	1	1	13.199782
Annual Permit 2_str	BOBJ1	24	After	Interior Girder 2	24	0.95	1	1	12.665311
Annual Permit 2_str	BOBJ1	24	After	Interior Girder 3	24	0.95	1	1	11.470794
Annual Permit 2_str	BOBJ1	24	After	Interior Girder 4	24	0.95	1	1	11.73729
Annual Permit 2_str	BOBJ1	24	After	Interior Girder 5	24	0.95	1	1	12.836826
Annual Permit 2_str	BOBJ1	24	After	Interior Girder 6	24	0.95	1	1	13.251396
Annual Permit 2_str	BOBJ1	24	After	Right Exterior Girder	24	0.95	1	1	12.873359
Annual Permit 2_str	BOBJ1	32	Before	Left Exterior Girder	32	0.95	1	1	13.053551
Annual Permit 2_str	BOBJ1	32	Before	Interior Girder 1	32	0.95	1	1	13.445716
Annual Permit 2_str	BOBJ1	32	Before	Interior Girder 2	32	0.95	1	1	12.90138
Annual Permit 2_str	BOBJ1	32	Before	Interior Girder 3	32	0.95	1	1	11.266622
Annual Permit 2_str	BOBJ1	32	Before	Interior Girder 4	32	0.95	1	1	11.528375
Annual Permit 2_str	BOBJ1	32	Before	Interior Girder 5	32	0.95	1	1	13.076091
Annual Permit 2_str	BOBJ1	32	Before	Interior Girder 6	32	0.95	1	1	13.498292
Annual Permit 2_str	BOBJ1	32	Before	Right Exterior Girder	32	0.95	1	1	13.06567
Annual Permit 2_str	BOBJ1	32	After	Left Exterior Girder	32	0.95	1	1	19.454179
Annual Permit 2_str	BOBJ1	32	After	Interior Girder 1	32	0.95	1	1	13.299835
Annual Permit 2_str	BOBJ1	32	After	Interior Girder 2	32	0.95	1	1	11.839422
Annual Permit 2_str	BOBJ1	32	After	Interior Girder 3	32	0.95	1	1	10.255312
Annual Permit 2_str	BOBJ1	32	After	Interior Girder 4	32	0.95	1	1	10.520455
Annual Permit 2_str	BOBJ1	32	After	Interior Girder 5	32	0.95	1	1	12.068165
Annual Permit 2_str	BOBJ1	32	After	Interior Girder 6	32	0.95	1	1	13.367365
Annual Permit 2_str	BOBJ1	32	After	Right Exterior Girder	32	0.95	1	1	19.496106
Annual Permit 2_str	BOBJ1	40	Before	Left Exterior Girder	40	0.95	1	1	19.167847
Annual Permit 2_str	BOBJ1	40	Before	Interior Girder 1	40	0.95	1	1	13.540924
Annual Permit 2_str	BOBJ1	40	Before	Interior Girder 2	40	0.95	1	1	12.053988
Annual Permit 2_str	BOBJ1	40	Before	Interior Girder 3	40	0.95	1	1	10.441415
Annual Permit 2_str	BOBJ1	40	Before	Interior Girder 4	40	0.95	1	1	10.71137
Annual Permit 2_str	BOBJ1	40	Before	Interior Girder 5	40	0.95	1	1	12.286877
Annual Permit 2_str	BOBJ1	40	Before	Interior Girder 6	40	0.95	1	1	13.609677
Annual Permit 2_str	BOBJ1	40	Before	Right Exterior Girder	40	0.95	1	1	19.209156
Annual Permit 2_str	BOBJ1	40	After	Left Exterior Girder	40	0.95	1	1	14.640112
Annual Permit 2_str	BOBJ1	40	After	Interior Girder 1	40	0.95	1	1	9.920448
Annual Permit 2_str	BOBJ1	40	After	Interior Girder 2	40	0.95	1	1	8.856162
Annual Permit 2_str	BOBJ1	40	After	Interior Girder 3	40	0.95	1	1	7.980324
Annual Permit 2_str	BOBJ1	40	After	Interior Girder 4	40	0.95	1	1	8.13823
Annual Permit 2_str	BOBJ1	40	After	Interior Girder 5	40	0.95	1	1	8.976265
Annual Permit 2_str	BOBJ1	40	After	Interior Girder 6	40	0.95	1	1	9.959472
Annual Permit 2_str	BOBJ1	40	After	Right Exterior Girder	40	0.95	1	1	14.640112
Annual Permit 2_str	BOBJ1	46.5	Before	Left Exterior Girder	46.5	0.95	1	1	14.458854
Annual Permit 2_str	BOBJ1	46.5	Before	Right Exterior Girder	46.5	0.95	1	1	14.458854
Annual Permit 2_str	BOBJ1	46.5	After	Left Exterior Girder	46.5	0.95	1	1	10.634802
Annual Permit 2_str	BOBJ1	46.5	After	Right Exterior Girder	46.5	0.95	1	1	10.609363
Annual Permit 2_str	BOBJ1	48	Before	Left Exterior Girder	48	0.95	1	1	10.606437
Annual Permit 2_str	BOBJ1	48	Before	Interior Girder 1	48	0.95	1	1	10.95998
Annual Permit 2_str	BOBJ1	48	Before	Interior Girder 2	48	0.95	1	1	8.690185
Annual Permit 2_str	BOBJ1	48	Before	Interior Girder 3	48	0.95	1	1	7.831093
Annual Permit 2_str	BOBJ1	48	Before	Interior Girder 4	48	0.95	1	1	7.986045
Annual Permit 2_str	BOBJ1	48	Before	Interior Girder 5	48	0.95	1	1	8.808038
Annual Permit 2_str	BOBJ1	48	Before	Interior Girder 6	48	0.95	1	1	10.991723
Annual Permit 2_str	BOBJ1	48	Before	Right Exterior Girder	48	0.95	1	1	10.581066
Annual Permit 2_str	BOBJ1	48	After	Left Exterior Girder	48	0.95	1	1	8.23355
Annual Permit 2_str	BOBJ1	48	After	Interior Girder 1	48	0.95	1	1	8.544086
Annual Permit 2_str	BOBJ1	48	After	Interior Girder 2	48	0.95	1	1	8.920276
Annual Permit 2_str	BOBJ1	48	After	Interior Girder 3	48	0.95	1	1	8.39539
Annual Permit 2_str	BOBJ1	48	After	Interior Girder 4	48	0.95	1	1	8.548602
Annual Permit 2_str	BOBJ1	48	After	Interior Girder 5	48	0.95	1	1	9.023478
Annual Permit 2_str	BOBJ1	48	After	Interior Girder 6	48	0.95	1	1	8.612776
Annual Permit 2_str	BOBJ1	48	After	Right Exterior Girder	48	0.95	1	1	8.246525
Annual Permit 2_str	BOBJ1	56	Before	Left Exterior Girder	56	0.95	1	1	8.116956
Annual Permit 2_str	BOBJ1	56	Before	Interior Girder 1	56	0.95	1	1	8.378934
Annual Permit 2_str	BOBJ1	56	Before	Interior Girder 2	56	0.95	1	1	8.748842

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Approach, Span 4-6									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Annual Permit 2_str	BOBJ1	56	Before	Interior Girder 3	56	0.95	1	1	8.234098
Annual Permit 2_str	BOBJ1	56	Before	Interior Girder 4	56	0.95	1	1	8.384367
Annual Permit 2_str	BOBJ1	56	Before	Interior Girder 5	56	0.95	1	1	8.85006
Annual Permit 2_str	BOBJ1	56	Before	Interior Girder 6	56	0.95	1	1	8.446296
Annual Permit 2_str	BOBJ1	56	Before	Right Exterior Girder	56	0.95	1	1	8.129747
Annual Permit 2_str	BOBJ1	56	After	Left Exterior Girder	56	0.95	1	1	6.876956
Annual Permit 2_str	BOBJ1	56	After	Interior Girder 1	56	0.95	1	1	5.921689
Annual Permit 2_str	BOBJ1	56	After	Interior Girder 2	56	0.95	1	1	6.135742
Annual Permit 2_str	BOBJ1	56	After	Interior Girder 3	56	0.95	1	1	5.581946
Annual Permit 2_str	BOBJ1	56	After	Interior Girder 4	56	0.95	1	1	5.629049
Annual Permit 2_str	BOBJ1	56	After	Interior Girder 5	56	0.95	1	1	6.127376
Annual Permit 2_str	BOBJ1	56	After	Interior Girder 6	56	0.95	1	1	5.930218
Annual Permit 2_str	BOBJ1	56	After	Right Exterior Girder	56	0.95	1	1	6.884174
Annual Permit 2_str	BOBJ1	59	Before	Interior Girder 1	59	0.95	1	1	5.877625
Annual Permit 2_str	BOBJ1	59	Before	Interior Girder 2	59	0.95	1	1	6.090459
Annual Permit 2_str	BOBJ1	59	Before	Interior Girder 3	59	0.95	1	1	5.54075
Annual Permit 2_str	BOBJ1	59	Before	Interior Girder 4	59	0.95	1	1	5.587506
Annual Permit 2_str	BOBJ1	59	Before	Interior Girder 5	59	0.95	1	1	6.082154
Annual Permit 2_str	BOBJ1	59	Before	Interior Girder 6	59	0.95	1	1	5.88609
Annual Permit 2_str	BOBJ1	59	After	Interior Girder 1	59	0.95	1	1	4.00755
Annual Permit 2_str	BOBJ1	59	After	Interior Girder 2	59	0.95	1	1	4.07987
Annual Permit 2_str	BOBJ1	59	After	Interior Girder 3	59	0.95	1	1	3.672199
Annual Permit 2_str	BOBJ1	59	After	Interior Girder 4	59	0.95	1	1	3.704885
Annual Permit 2_str	BOBJ1	59	After	Interior Girder 5	59	0.95	1	1	4.065802
Annual Permit 2_str	BOBJ1	59	After	Interior Girder 6	59	0.95	1	1	4.022658
Annual Permit 2_str	BOBJ1	64	Before	Left Exterior Girder	64	0.95	1	1	6.632263
Annual Permit 2_str	BOBJ1	64	Before	Interior Girder 1	64	0.95	1	1	3.949066
Annual Permit 2_str	BOBJ1	64	Before	Interior Girder 2	64	0.95	1	1	4.020733
Annual Permit 2_str	BOBJ1	64	Before	Interior Girder 3	64	0.95	1	1	3.618909
Annual Permit 2_str	BOBJ1	64	Before	Interior Girder 4	64	0.95	1	1	3.651121
Annual Permit 2_str	BOBJ1	64	Before	Interior Girder 5	64	0.95	1	1	4.006869
Annual Permit 2_str	BOBJ1	64	Before	Interior Girder 6	64	0.95	1	1	3.963953
Annual Permit 2_str	BOBJ1	64	Before	Right Exterior Girder	64	0.95	1	1	6.636808
Annual Permit 2_str	BOBJ1	64	After	Left Exterior Girder	64	0.95	1	1	4.693445
Annual Permit 2_str	BOBJ1	64	After	Interior Girder 1	64	0.95	1	1	4.069084
Annual Permit 2_str	BOBJ1	64	After	Interior Girder 2	64	0.95	1	1	4.326556
Annual Permit 2_str	BOBJ1	64	After	Interior Girder 3	64	0.95	1	1	3.784973
Annual Permit 2_str	BOBJ1	64	After	Interior Girder 4	64	0.95	1	1	3.79439
Annual Permit 2_str	BOBJ1	64	After	Interior Girder 5	64	0.95	1	1	4.321811
Annual Permit 2_str	BOBJ1	64	After	Interior Girder 6	64	0.95	1	1	4.0678
Annual Permit 2_str	BOBJ1	64	After	Right Exterior Girder	64	0.95	1	1	4.701085
Annual Permit 2_str	BOBJ1	69	Before	Interior Girder 1	69	0.95	1	1	4.008647
Annual Permit 2_str	BOBJ1	69	Before	Interior Girder 2	69	0.95	1	1	4.263284
Annual Permit 2_str	BOBJ1	69	Before	Interior Girder 3	69	0.95	1	1	3.728138
Annual Permit 2_str	BOBJ1	69	Before	Interior Girder 4	69	0.95	1	1	3.737413
Annual Permit 2_str	BOBJ1	69	Before	Interior Girder 5	69	0.95	1	1	4.258609
Annual Permit 2_str	BOBJ1	69	Before	Interior Girder 6	69	0.95	1	1	4.007381
Annual Permit 2_str	BOBJ1	69	After	Interior Girder 1	69	0.95	1	1	3.337281
Annual Permit 2_str	BOBJ1	69	After	Interior Girder 2	69	0.95	1	1	3.574063
Annual Permit 2_str	BOBJ1	69	After	Interior Girder 3	69	0.95	1	1	3.040993
Annual Permit 2_str	BOBJ1	69	After	Interior Girder 4	69	0.95	1	1	3.058431
Annual Permit 2_str	BOBJ1	69	After	Interior Girder 5	69	0.95	1	1	3.569947
Annual Permit 2_str	BOBJ1	69	After	Interior Girder 6	69	0.95	1	1	3.340609
Annual Permit 2_str	BOBJ1	72	Before	Left Exterior Girder	72	0.95	1	1	3.111966
Annual Permit 2_str	BOBJ1	72	Before	Interior Girder 1	72	0.95	1	1	3.303133
Annual Permit 2_str	BOBJ1	72	Before	Interior Girder 2	72	0.95	1	1	3.5382
Annual Permit 2_str	BOBJ1	72	Before	Interior Girder 3	72	0.95	1	1	3.009554
Annual Permit 2_str	BOBJ1	72	Before	Interior Girder 4	72	0.95	1	1	3.026811
Annual Permit 2_str	BOBJ1	72	Before	Interior Girder 5	72	0.95	1	1	3.534125
Annual Permit 2_str	BOBJ1	72	Before	Interior Girder 6	72	0.95	1	1	3.306427
Annual Permit 2_str	BOBJ1	72	Before	Right Exterior Girder	72	0.95	1	1	3.116165
Annual Permit 2_str	BOBJ1	72	After	Left Exterior Girder	72	0.95	1	1	2.92994
Annual Permit 2_str	BOBJ1	72	After	Interior Girder 1	72	0.95	1	1	4.297858
Annual Permit 2_str	BOBJ1	72	After	Interior Girder 2	72	0.95	1	1	3.146914
Annual Permit 2_str	BOBJ1	72	After	Interior Girder 3	72	0.95	1	1	2.613037

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Approach, Span 4-6									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Annual Permit 2_str	BOBJ1	72	After	Interior Girder 4	72	0.95	1	1	2.633562
Annual Permit 2_str	BOBJ1	72	After	Interior Girder 5	72	0.95	1	1	3.148001
Annual Permit 2_str	BOBJ1	72	After	Interior Girder 6	72	0.95	1	1	4.31583
Annual Permit 2_str	BOBJ1	72	After	Right Exterior Girder	72	0.95	1	1	2.933801
Annual Permit 2_str	BOBJ1	72.5	Before	Left Exterior Girder	72.5	0.95	1	1	2.926804
Annual Permit 2_str	BOBJ1	72.5	Before	Right Exterior Girder	72.5	0.95	1	1	2.93066
Annual Permit 2_str	BOBJ1	72.5	After	Left Exterior Girder	72.5	0.95	1	1	4.087178
Annual Permit 2_str	BOBJ1	72.5	After	Right Exterior Girder	72.5	0.95	1	1	4.091881
Annual Permit 2_str	BOBJ1	80	Before	Left Exterior Girder	80	0.95	1	1	4.016516
Annual Permit 2_str	BOBJ1	80	Before	Interior Girder 1	80	0.95	1	1	3.004706
Annual Permit 2_str	BOBJ1	80	Before	Interior Girder 2	80	0.95	1	1	3.061544
Annual Permit 2_str	BOBJ1	80	Before	Interior Girder 3	80	0.95	1	1	2.539584
Annual Permit 2_str	BOBJ1	80	Before	Interior Girder 4	80	0.95	1	1	2.559532
Annual Permit 2_str	BOBJ1	80	Before	Interior Girder 5	80	0.95	1	1	3.062602
Annual Permit 2_str	BOBJ1	80	Before	Interior Girder 6	80	0.95	1	1	3.015019
Annual Permit 2_str	BOBJ1	80	Before	Right Exterior Girder	80	0.95	1	1	4.021137
Annual Permit 2_str	BOBJ1	80	After	Left Exterior Girder	0	0.95	1	1	4.804562
Annual Permit 2_str	BOBJ1	80	After	Interior Girder 1	0	0.95	1	1	3.373052
Annual Permit 2_str	BOBJ1	80	After	Interior Girder 2	0	0.95	1	1	3.415872
Annual Permit 2_str	BOBJ1	80	After	Interior Girder 3	0	0.95	1	1	2.817041
Annual Permit 2_str	BOBJ1	80	After	Interior Girder 4	0	0.95	1	1	2.840127
Annual Permit 2_str	BOBJ1	80	After	Interior Girder 5	0	0.95	1	1	3.417587
Annual Permit 2_str	BOBJ1	80	After	Interior Girder 6	0	0.95	1	1	3.3857
Annual Permit 2_str	BOBJ1	80	After	Right Exterior Girder	0	0.95	1	1	4.811173
Annual Permit 2_str	BOBJ1	87.5	Before	Left Exterior Girder	7.5	0.95	1	1	4.885227
Annual Permit 2_str	BOBJ1	87.5	Before	Right Exterior Girder	7.5	0.95	1	1	4.891949
Annual Permit 2_str	BOBJ1	87.5	After	Left Exterior Girder	7.5	0.95	1	1	3.815633
Annual Permit 2_str	BOBJ1	87.5	After	Right Exterior Girder	7.5	0.95	1	1	3.821374
Annual Permit 2_str	BOBJ1	88	Before	Left Exterior Girder	8	0.95	1	1	3.819384
Annual Permit 2_str	BOBJ1	88	Before	Interior Girder 1	8	0.95	1	1	4.281606
Annual Permit 2_str	BOBJ1	88	Before	Interior Girder 2	8	0.95	1	1	3.506958
Annual Permit 2_str	BOBJ1	88	Before	Interior Girder 3	8	0.95	1	1	2.894864
Annual Permit 2_str	BOBJ1	88	Before	Interior Girder 4	8	0.95	1	1	2.918587
Annual Permit 2_str	BOBJ1	88	Before	Interior Girder 5	8	0.95	1	1	3.508719
Annual Permit 2_str	BOBJ1	88	Before	Interior Girder 6	8	0.95	1	1	4.302464
Annual Permit 2_str	BOBJ1	88	Before	Right Exterior Girder	8	0.95	1	1	3.825131
Annual Permit 2_str	BOBJ1	88	After	Left Exterior Girder	8	0.95	1	1	4.088775
Annual Permit 2_str	BOBJ1	88	After	Interior Girder 1	8	0.95	1	1	3.763881
Annual Permit 2_str	BOBJ1	88	After	Interior Girder 2	8	0.95	1	1	3.996287
Annual Permit 2_str	BOBJ1	88	After	Interior Girder 3	8	0.95	1	1	3.394482
Annual Permit 2_str	BOBJ1	88	After	Interior Girder 4	8	0.95	1	1	3.416115
Annual Permit 2_str	BOBJ1	88	After	Interior Girder 5	8	0.95	1	1	3.993646
Annual Permit 2_str	BOBJ1	88	After	Interior Girder 6	8	0.95	1	1	3.767241
Annual Permit 2_str	BOBJ1	88	After	Right Exterior Girder	8	0.95	1	1	4.094823
Annual Permit 2_str	BOBJ1	91	Before	Interior Girder 1	11	0.95	1	1	3.800947
Annual Permit 2_str	BOBJ1	91	Before	Interior Girder 2	11	0.95	1	1	4.03508
Annual Permit 2_str	BOBJ1	91	Before	Interior Girder 3	11	0.95	1	1	3.428406
Annual Permit 2_str	BOBJ1	91	Before	Interior Girder 4	11	0.95	1	1	3.450255
Annual Permit 2_str	BOBJ1	91	Before	Interior Girder 5	11	0.95	1	1	4.032414
Annual Permit 2_str	BOBJ1	91	Before	Interior Girder 6	11	0.95	1	1	3.80434
Annual Permit 2_str	BOBJ1	91	After	Interior Girder 1	11	0.95	1	1	4.634402
Annual Permit 2_str	BOBJ1	91	After	Interior Girder 2	11	0.95	1	1	4.933805
Annual Permit 2_str	BOBJ1	91	After	Interior Girder 3	11	0.95	1	1	4.312111
Annual Permit 2_str	BOBJ1	91	After	Interior Girder 4	11	0.95	1	1	4.323375
Annual Permit 2_str	BOBJ1	91	After	Interior Girder 5	11	0.95	1	1	4.929609
Annual Permit 2_str	BOBJ1	91	After	Interior Girder 6	11	0.95	1	1	4.631499
Annual Permit 2_str	BOBJ1	96	Before	Left Exterior Girder	16	0.95	1	1	5.826511
Annual Permit 2_str	BOBJ1	96	Before	Interior Girder 1	16	0.95	1	1	4.701183
Annual Permit 2_str	BOBJ1	96	Before	Interior Girder 2	16	0.95	1	1	5.003977
Annual Permit 2_str	BOBJ1	96	Before	Interior Girder 3	16	0.95	1	1	4.375046
Annual Permit 2_str	BOBJ1	96	Before	Interior Girder 4	16	0.95	1	1	4.386475
Annual Permit 2_str	BOBJ1	96	Before	Interior Girder 5	16	0.95	1	1	4.999722
Annual Permit 2_str	BOBJ1	96	Before	Interior Girder 6	16	0.95	1	1	4.698238
Annual Permit 2_str	BOBJ1	96	Before	Right Exterior Girder	16	0.95	1	1	5.836377
Annual Permit 2_str	BOBJ1	96	After	Left Exterior Girder	16	0.95	1	1	6.101018

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Approach, Span 4-(									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Annual Permit 2_str	BOBJ1	96	After	Interior Girder 1	16	0.95	1	1	5.317442
Annual Permit 2_str	BOBJ1	96	After	Interior Girder 2	16	0.95	1	1	5.335377
Annual Permit 2_str	BOBJ1	96	After	Interior Girder 3	16	0.95	1	1	4.92437
Annual Permit 2_str	BOBJ1	96	After	Interior Girder 4	16	0.95	1	1	5.013627
Annual Permit 2_str	BOBJ1	96	After	Interior Girder 5	16	0.95	1	1	5.414102
Annual Permit 2_str	BOBJ1	96	After	Interior Girder 6	16	0.95	1	1	5.333306
Annual Permit 2_str	BOBJ1	96	After	Right Exterior Girder	16	0.95	1	1	6.10631
Annual Permit 2_str	BOBJ1	104	Before	Left Exterior Girder	24	0.95	1	1	6.203062
Annual Permit 2_str	BOBJ1	104	Before	Interior Girder 1	24	0.95	1	1	5.437776
Annual Permit 2_str	BOBJ1	104	Before	Interior Girder 2	24	0.95	1	1	5.455679
Annual Permit 2_str	BOBJ1	104	Before	Interior Girder 3	24	0.95	1	1	5.035391
Annual Permit 2_str	BOBJ1	104	Before	Interior Girder 4	24	0.95	1	1	5.126661
Annual Permit 2_str	BOBJ1	104	Before	Interior Girder 5	24	0.95	1	1	5.53618
Annual Permit 2_str	BOBJ1	104	Before	Interior Girder 6	24	0.95	1	1	5.453999
Annual Permit 2_str	BOBJ1	104	Before	Right Exterior Girder	24	0.95	1	1	6.208443
Annual Permit 2_str	BOBJ1	104	After	Left Exterior Girder	24	0.95	1	1	7.639326
Annual Permit 2_str	BOBJ1	104	After	Interior Girder 1	24	0.95	1	1	7.901062
Annual Permit 2_str	BOBJ1	104	After	Interior Girder 2	24	0.95	1	1	8.281307
Annual Permit 2_str	BOBJ1	104	After	Interior Girder 3	24	0.95	1	1	7.864931
Annual Permit 2_str	BOBJ1	104	After	Interior Girder 4	24	0.95	1	1	8.037334
Annual Permit 2_str	BOBJ1	104	After	Interior Girder 5	24	0.95	1	1	8.374271
Annual Permit 2_str	BOBJ1	104	After	Interior Girder 6	24	0.95	1	1	7.936416
Annual Permit 2_str	BOBJ1	104	After	Right Exterior Girder	24	0.95	1	1	7.648511
Annual Permit 2_str	BOBJ1	112	Before	Left Exterior Girder	32	0.95	1	1	7.761062
Annual Permit 2_str	BOBJ1	112	Before	Interior Girder 1	32	0.95	1	1	8.074871
Annual Permit 2_str	BOBJ1	112	Before	Interior Girder 2	32	0.95	1	1	8.462437
Annual Permit 2_str	BOBJ1	112	Before	Interior Girder 3	32	0.95	1	1	8.036826
Annual Permit 2_str	BOBJ1	112	Before	Interior Girder 4	32	0.95	1	1	8.212997
Annual Permit 2_str	BOBJ1	112	Before	Interior Girder 5	32	0.95	1	1	8.557434
Annual Permit 2_str	BOBJ1	112	Before	Interior Girder 6	32	0.95	1	1	8.111002
Annual Permit 2_str	BOBJ1	112	Before	Right Exterior Girder	32	0.95	1	1	7.770394
Annual Permit 2_str	BOBJ1	112	After	Left Exterior Girder	32	0.95	1	1	14.543457
Annual Permit 2_str	BOBJ1	112	After	Interior Girder 1	32	0.95	1	1	9.078903
Annual Permit 2_str	BOBJ1	112	After	Interior Girder 2	32	0.95	1	1	8.192549
Annual Permit 2_str	BOBJ1	112	After	Interior Girder 3	32	0.95	1	1	7.283892
Annual Permit 2_str	BOBJ1	112	After	Interior Girder 4	32	0.95	1	1	7.482697
Annual Permit 2_str	BOBJ1	112	After	Interior Girder 5	32	0.95	1	1	8.376058
Annual Permit 2_str	BOBJ1	112	After	Interior Girder 6	32	0.95	1	1	9.099612
Annual Permit 2_str	BOBJ1	112	After	Right Exterior Girder	32	0.95	1	1	14.552105
Annual Permit 2_str	BOBJ1	120	Before	Left Exterior Girder	40	0.95	1	1	14.766194
Annual Permit 2_str	BOBJ1	120	Before	Interior Girder 1	40	0.95	1	1	9.271255
Annual Permit 2_str	BOBJ1	120	Before	Interior Girder 2	40	0.95	1	1	8.366301
Annual Permit 2_str	BOBJ1	120	Before	Interior Girder 3	40	0.95	1	1	7.438288
Annual Permit 2_str	BOBJ1	120	Before	Interior Girder 4	40	0.95	1	1	7.641307
Annual Permit 2_str	BOBJ1	120	Before	Interior Girder 5	40	0.95	1	1	8.553702
Annual Permit 2_str	BOBJ1	120	Before	Interior Girder 6	40	0.95	1	1	9.292402
Annual Permit 2_str	BOBJ1	120	Before	Right Exterior Girder	40	0.95	1	1	14.774974
Annual Permit 2_str	BOBJ1	120	After	Left Exterior Girder	40	0.95	1	1	15.04965
Annual Permit 2_str	BOBJ1	120	After	Interior Girder 1	40	0.95	1	1	9.378156
Annual Permit 2_str	BOBJ1	120	After	Interior Girder 2	40	0.95	1	1	8.450211
Annual Permit 2_str	BOBJ1	120	After	Interior Girder 3	40	0.95	1	1	7.496085
Annual Permit 2_str	BOBJ1	120	After	Interior Girder 4	40	0.95	1	1	7.705838
Annual Permit 2_str	BOBJ1	120	After	Interior Girder 5	40	0.95	1	1	8.645666
Annual Permit 2_str	BOBJ1	120	After	Interior Girder 6	40	0.95	1	1	9.40017
Annual Permit 2_str	BOBJ1	120	After	Right Exterior Girder	40	0.95	1	1	15.058582
Annual Permit 2_str	BOBJ1	128	Before	Left Exterior Girder	48	0.95	1	1	14.82314
Annual Permit 2_str	BOBJ1	128	Before	Interior Girder 1	48	0.95	1	1	9.183748
Annual Permit 2_str	BOBJ1	128	Before	Interior Girder 2	48	0.95	1	1	8.274849
Annual Permit 2_str	BOBJ1	128	Before	Interior Girder 3	48	0.95	1	1	7.340574
Annual Permit 2_str	BOBJ1	128	Before	Interior Girder 4	48	0.95	1	1	7.545975
Annual Permit 2_str	BOBJ1	128	Before	Interior Girder 5	48	0.95	1	1	8.466249
Annual Permit 2_str	BOBJ1	128	Before	Interior Girder 6	48	0.95	1	1	9.205305
Annual Permit 2_str	BOBJ1	128	Before	Right Exterior Girder	48	0.95	1	1	14.831937
Annual Permit 2_str	BOBJ1	128	After	Left Exterior Girder	48	0.95	1	1	8.017608
Annual Permit 2_str	BOBJ1	128	After	Interior Girder 1	48	0.95	1	1	8.189035

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Approach, Span 4-6									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Annual Permit 2_str	BOBJ1	128	After	Interior Girder 2	48	0.95	1	1	8.571882
Annual Permit 2_str	BOBJ1	128	After	Interior Girder 3	48	0.95	1	1	8.137163
Annual Permit 2_str	BOBJ1	128	After	Interior Girder 4	48	0.95	1	1	8.319301
Annual Permit 2_str	BOBJ1	128	After	Interior Girder 5	48	0.95	1	1	8.669528
Annual Permit 2_str	BOBJ1	128	After	Interior Girder 6	48	0.95	1	1	8.22462
Annual Permit 2_str	BOBJ1	128	After	Right Exterior Girder	48	0.95	1	1	8.027783
Annual Permit 2_str	BOBJ1	136	Before	Left Exterior Girder	56	0.95	1	1	7.892183
Annual Permit 2_str	BOBJ1	136	Before	Interior Girder 1	56	0.95	1	1	8.012874
Annual Permit 2_str	BOBJ1	136	Before	Interior Girder 2	56	0.95	1	1	8.388481
Annual Permit 2_str	BOBJ1	136	Before	Interior Girder 3	56	0.95	1	1	7.963271
Annual Permit 2_str	BOBJ1	136	Before	Interior Girder 4	56	0.95	1	1	8.141517
Annual Permit 2_str	BOBJ1	136	Before	Interior Girder 5	56	0.95	1	1	8.484038
Annual Permit 2_str	BOBJ1	136	Before	Interior Girder 6	56	0.95	1	1	8.047693
Annual Permit 2_str	BOBJ1	136	Before	Right Exterior Girder	56	0.95	1	1	7.902198
Annual Permit 2_str	BOBJ1	136	After	Left Exterior Girder	56	0.95	1	1	6.398182
Annual Permit 2_str	BOBJ1	136	After	Interior Girder 1	56	0.95	1	1	5.502498
Annual Permit 2_str	BOBJ1	136	After	Interior Girder 2	56	0.95	1	1	5.511411
Annual Permit 2_str	BOBJ1	136	After	Interior Girder 3	56	0.95	1	1	5.08892
Annual Permit 2_str	BOBJ1	136	After	Interior Girder 4	56	0.95	1	1	5.181622
Annual Permit 2_str	BOBJ1	136	After	Interior Girder 5	56	0.95	1	1	5.594034
Annual Permit 2_str	BOBJ1	136	After	Interior Girder 6	56	0.95	1	1	5.519012
Annual Permit 2_str	BOBJ1	136	After	Right Exterior Girder	56	0.95	1	1	6.403331
Annual Permit 2_str	BOBJ1	144	Before	Left Exterior Girder	64	0.95	1	1	6.293236
Annual Permit 2_str	BOBJ1	144	Before	Interior Girder 1	64	0.95	1	1	5.380794
Annual Permit 2_str	BOBJ1	144	Before	Interior Girder 2	64	0.95	1	1	5.389912
Annual Permit 2_str	BOBJ1	144	Before	Interior Girder 3	64	0.95	1	1	4.976829
Annual Permit 2_str	BOBJ1	144	Before	Interior Girder 4	64	0.95	1	1	5.067489
Annual Permit 2_str	BOBJ1	144	Before	Interior Girder 5	64	0.95	1	1	5.470713
Annual Permit 2_str	BOBJ1	144	Before	Interior Girder 6	64	0.95	1	1	5.396942
Annual Permit 2_str	BOBJ1	144	Before	Right Exterior Girder	64	0.95	1	1	6.298301
Annual Permit 2_str	BOBJ1	144	After	Left Exterior Girder	64	0.95	1	1	5.538088
Annual Permit 2_str	BOBJ1	144	After	Interior Girder 1	64	0.95	1	1	4.768032
Annual Permit 2_str	BOBJ1	144	After	Interior Girder 2	64	0.95	1	1	5.072753
Annual Permit 2_str	BOBJ1	144	After	Interior Girder 3	64	0.95	1	1	4.467462
Annual Permit 2_str	BOBJ1	144	After	Interior Girder 4	64	0.95	1	1	4.477489
Annual Permit 2_str	BOBJ1	144	After	Interior Girder 5	64	0.95	1	1	5.068496
Annual Permit 2_str	BOBJ1	144	After	Interior Girder 6	64	0.95	1	1	4.765093
Annual Permit 2_str	BOBJ1	144	After	Right Exterior Girder	64	0.95	1	1	5.547214
Annual Permit 2_str	BOBJ1	150	Before	Interior Girder 1	70	0.95	1	1	4.686712
Annual Permit 2_str	BOBJ1	150	Before	Interior Girder 2	70	0.95	1	1	4.98728
Annual Permit 2_str	BOBJ1	150	Before	Interior Girder 3	70	0.95	1	1	4.390452
Annual Permit 2_str	BOBJ1	150	Before	Interior Girder 4	70	0.95	1	1	4.400307
Annual Permit 2_str	BOBJ1	150	Before	Interior Girder 5	70	0.95	1	1	4.983095
Annual Permit 2_str	BOBJ1	150	Before	Interior Girder 6	70	0.95	1	1	4.683823
Annual Permit 2_str	BOBJ1	150	After	Interior Girder 1	70	0.95	1	1	3.511624
Annual Permit 2_str	BOBJ1	150	After	Interior Girder 2	70	0.95	1	1	3.858382
Annual Permit 2_str	BOBJ1	150	After	Interior Girder 3	70	0.95	1	1	3.255981
Annual Permit 2_str	BOBJ1	150	After	Interior Girder 4	70	0.95	1	1	3.282139
Annual Permit 2_str	BOBJ1	150	After	Interior Girder 5	70	0.95	1	1	3.858933
Annual Permit 2_str	BOBJ1	150	After	Interior Girder 6	70	0.95	1	1	3.516086
Annual Permit 2_str	BOBJ1	152	Before	Left Exterior Girder	72	0.95	1	1	5.225003
Annual Permit 2_str	BOBJ1	152	Before	Interior Girder 1	72	0.95	1	1	3.488836
Annual Permit 2_str	BOBJ1	152	Before	Interior Girder 2	72	0.95	1	1	3.833866
Annual Permit 2_str	BOBJ1	152	Before	Interior Girder 3	72	0.95	1	1	3.234722
Annual Permit 2_str	BOBJ1	152	Before	Interior Girder 4	72	0.95	1	1	3.260709
Annual Permit 2_str	BOBJ1	152	Before	Interior Girder 5	72	0.95	1	1	3.834413
Annual Permit 2_str	BOBJ1	152	Before	Interior Girder 6	72	0.95	1	1	3.493269
Annual Permit 2_str	BOBJ1	152	Before	Right Exterior Girder	72	0.95	1	1	5.232559
Annual Permit 2_str	BOBJ1	152	After	Left Exterior Girder	72	0.95	1	1	4.527494
Annual Permit 2_str	BOBJ1	152	After	Interior Girder 1	72	0.95	1	1	3.258969
Annual Permit 2_str	BOBJ1	152	After	Interior Girder 2	72	0.95	1	1	3.526714
Annual Permit 2_str	BOBJ1	152	After	Interior Girder 3	72	0.95	1	1	2.92326
Annual Permit 2_str	BOBJ1	152	After	Interior Girder 4	72	0.95	1	1	2.947325
Annual Permit 2_str	BOBJ1	152	After	Interior Girder 5	72	0.95	1	1	3.52801
Annual Permit 2_str	BOBJ1	152	After	Interior Girder 6	72	0.95	1	1	3.271222

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Approach, Span 4-6									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Annual Permit 2_str	BOBJ1	152	After	Right Exterior Girder	72	0.95	1	1	4.534103
Annual Permit 2_str	BOBJ1	154	Before	Left Exterior Girder	74	0.95	1	1	4.509326
Annual Permit 2_str	BOBJ1	154	Before	Right Exterior Girder	74	0.95	1	1	4.515908
Annual Permit 2_str	BOBJ1	154	After	Left Exterior Girder	74	0.95	1	1	4.536401
Annual Permit 2_str	BOBJ1	154	After	Right Exterior Girder	74	0.95	1	1	4.542491
Annual Permit 2_str	BOBJ1	160	Before	Left Exterior Girder	80	0.95	1	1	4.474564
Annual Permit 2_str	BOBJ1	160	Before	Interior Girder 1	80	0.95	1	1	3.329442
Annual Permit 2_str	BOBJ1	160	Before	Interior Girder 2	80	0.95	1	1	3.436201
Annual Permit 2_str	BOBJ1	160	Before	Interior Girder 3	80	0.95	1	1	2.845843
Annual Permit 2_str	BOBJ1	160	Before	Interior Girder 4	80	0.95	1	1	2.869271
Annual Permit 2_str	BOBJ1	160	Before	Interior Girder 5	80	0.95	1	1	3.437463
Annual Permit 2_str	BOBJ1	160	Before	Interior Girder 6	80	0.95	1	1	3.34164
Annual Permit 2_str	BOBJ1	160	Before	Right Exterior Girder	80	0.95	1	1	4.480571
Annual Permit 2_str	BOBJ1	160	After	Left Exterior Girder	0	0.95	1	1	3.749803
Annual Permit 2_str	BOBJ1	160	After	Interior Girder 1	0	0.95	1	1	2.950418
Annual Permit 2_str	BOBJ1	160	After	Interior Girder 2	0	0.95	1	1	3.057069
Annual Permit 2_str	BOBJ1	160	After	Interior Girder 3	0	0.95	1	1	2.56166
Annual Permit 2_str	BOBJ1	160	After	Interior Girder 4	0	0.95	1	1	2.581866
Annual Permit 2_str	BOBJ1	160	After	Interior Girder 5	0	0.95	1	1	3.057896
Annual Permit 2_str	BOBJ1	160	After	Interior Girder 6	0	0.95	1	1	2.960325
Annual Permit 2_str	BOBJ1	160	After	Right Exterior Girder	0	0.95	1	1	3.75388
Annual Permit 2_str	BOBJ1	166	Before	Left Exterior Girder	6	0.95	1	1	3.804088
Annual Permit 2_str	BOBJ1	166	Before	Right Exterior Girder	6	0.95	1	1	3.808224
Annual Permit 2_str	BOBJ1	166	After	Left Exterior Girder	6	0.95	1	1	3.695321
Annual Permit 2_str	BOBJ1	166	After	Right Exterior Girder	6	0.95	1	1	3.699759
Annual Permit 2_str	BOBJ1	168	Before	Left Exterior Girder	8	0.95	1	1	3.711026
Annual Permit 2_str	BOBJ1	168	Before	Interior Girder 1	8	0.95	1	1	2.976167
Annual Permit 2_str	BOBJ1	168	Before	Interior Girder 2	8	0.95	1	1	3.141174
Annual Permit 2_str	BOBJ1	168	Before	Interior Girder 3	8	0.95	1	1	2.634716
Annual Permit 2_str	BOBJ1	168	Before	Interior Girder 4	8	0.95	1	1	2.655498
Annual Permit 2_str	BOBJ1	168	Before	Interior Girder 5	8	0.95	1	1	3.142024
Annual Permit 2_str	BOBJ1	168	Before	Interior Girder 6	8	0.95	1	1	2.986826
Annual Permit 2_str	BOBJ1	168	Before	Right Exterior Girder	8	0.95	1	1	3.715483
Annual Permit 2_str	BOBJ1	168	After	Left Exterior Girder	8	0.95	1	1	4.231777
Annual Permit 2_str	BOBJ1	168	After	Interior Girder 1	8	0.95	1	1	3.054801
Annual Permit 2_str	BOBJ1	168	After	Interior Girder 2	8	0.95	1	1	3.383382
Annual Permit 2_str	BOBJ1	168	After	Interior Girder 3	8	0.95	1	1	2.87911
Annual Permit 2_str	BOBJ1	168	After	Interior Girder 4	8	0.95	1	1	2.900593
Annual Permit 2_str	BOBJ1	168	After	Interior Girder 5	8	0.95	1	1	3.38117
Annual Permit 2_str	BOBJ1	168	After	Interior Girder 6	8	0.95	1	1	3.057368
Annual Permit 2_str	BOBJ1	168	After	Right Exterior Girder	8	0.95	1	1	4.237264
Annual Permit 2_str	BOBJ1	170	Before	Interior Girder 1	10	0.95	1	1	3.075725
Annual Permit 2_str	BOBJ1	170	Before	Interior Girder 2	10	0.95	1	1	3.405949
Annual Permit 2_str	BOBJ1	170	Before	Interior Girder 3	10	0.95	1	1	2.898914
Annual Permit 2_str	BOBJ1	170	Before	Interior Girder 4	10	0.95	1	1	2.920544
Annual Permit 2_str	BOBJ1	170	Before	Interior Girder 5	10	0.95	1	1	3.403723
Annual Permit 2_str	BOBJ1	170	Before	Interior Girder 6	10	0.95	1	1	3.078309
Annual Permit 2_str	BOBJ1	170	After	Interior Girder 1	10	0.95	1	1	4.0017
Annual Permit 2_str	BOBJ1	170	After	Interior Girder 2	10	0.95	1	1	4.261183
Annual Permit 2_str	BOBJ1	170	After	Interior Girder 3	10	0.95	1	1	3.789927
Annual Permit 2_str	BOBJ1	170	After	Interior Girder 4	10	0.95	1	1	3.799004
Annual Permit 2_str	BOBJ1	170	After	Interior Girder 5	10	0.95	1	1	4.255298
Annual Permit 2_str	BOBJ1	170	After	Interior Girder 6	10	0.95	1	1	4.00045
Annual Permit 2_str	BOBJ1	176	Before	Left Exterior Girder	16	0.95	1	1	4.441509
Annual Permit 2_str	BOBJ1	176	Before	Interior Girder 1	16	0.95	1	1	4.07418
Annual Permit 2_str	BOBJ1	176	Before	Interior Girder 2	16	0.95	1	1	4.337324
Annual Permit 2_str	BOBJ1	176	Before	Interior Girder 3	16	0.95	1	1	3.859448
Annual Permit 2_str	BOBJ1	176	Before	Interior Girder 4	16	0.95	1	1	3.868692
Annual Permit 2_str	BOBJ1	176	Before	Interior Girder 5	16	0.95	1	1	4.331334
Annual Permit 2_str	BOBJ1	176	Before	Interior Girder 6	16	0.95	1	1	4.072908
Annual Permit 2_str	BOBJ1	176	Before	Right Exterior Girder	16	0.95	1	1	4.448306
Annual Permit 2_str	BOBJ1	176	After	Left Exterior Girder	16	0.95	1	1	6.516733
Annual Permit 2_str	BOBJ1	176	After	Interior Girder 1	16	0.95	1	1	3.852959
Annual Permit 2_str	BOBJ1	176	After	Interior Girder 2	16	0.95	1	1	4.018467
Annual Permit 2_str	BOBJ1	176	After	Interior Girder 3	16	0.95	1	1	3.664

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Approach, Span 4-6									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Annual Permit 2_str	BOBJ1	176	After	Interior Girder 4	16	0.95	1	1	3.697083
Annual Permit 2_str	BOBJ1	176	After	Interior Girder 5	16	0.95	1	1	4.004561
Annual Permit 2_str	BOBJ1	176	After	Interior Girder 6	16	0.95	1	1	3.867298
Annual Permit 2_str	BOBJ1	176	After	Right Exterior Girder	16	0.95	1	1	6.521703
Annual Permit 2_str	BOBJ1	181	Before	Interior Girder 1	21	0.95	1	1	3.910112
Annual Permit 2_str	BOBJ1	181	Before	Interior Girder 2	21	0.95	1	1	4.077526
Annual Permit 2_str	BOBJ1	181	Before	Interior Girder 3	21	0.95	1	1	3.717852
Annual Permit 2_str	BOBJ1	181	Before	Interior Girder 4	21	0.95	1	1	3.751421
Annual Permit 2_str	BOBJ1	181	Before	Interior Girder 5	21	0.95	1	1	4.063416
Annual Permit 2_str	BOBJ1	181	Before	Interior Girder 6	21	0.95	1	1	3.924663
Annual Permit 2_str	BOBJ1	181	After	Interior Girder 1	21	0.95	1	1	5.388597
Annual Permit 2_str	BOBJ1	181	After	Interior Girder 2	21	0.95	1	1	5.758865
Annual Permit 2_str	BOBJ1	181	After	Interior Girder 3	21	0.95	1	1	5.30982
Annual Permit 2_str	BOBJ1	181	After	Interior Girder 4	21	0.95	1	1	5.355496
Annual Permit 2_str	BOBJ1	181	After	Interior Girder 5	21	0.95	1	1	5.751251
Annual Permit 2_str	BOBJ1	181	After	Interior Girder 6	21	0.95	1	1	5.396485
Annual Permit 2_str	BOBJ1	184	Before	Left Exterior Girder	24	0.95	1	1	6.683015
Annual Permit 2_str	BOBJ1	184	Before	Interior Girder 1	24	0.95	1	1	5.430582
Annual Permit 2_str	BOBJ1	184	Before	Interior Girder 2	24	0.95	1	1	5.803224
Annual Permit 2_str	BOBJ1	184	Before	Interior Girder 3	24	0.95	1	1	5.350685
Annual Permit 2_str	BOBJ1	184	Before	Interior Girder 4	24	0.95	1	1	5.396713
Annual Permit 2_str	BOBJ1	184	Before	Interior Girder 5	24	0.95	1	1	5.795552
Annual Permit 2_str	BOBJ1	184	Before	Interior Girder 6	24	0.95	1	1	5.438531
Annual Permit 2_str	BOBJ1	184	Before	Right Exterior Girder	24	0.95	1	1	6.689459
Annual Permit 2_str	BOBJ1	184	After	Left Exterior Girder	24	0.95	1	1	7.915404
Annual Permit 2_str	BOBJ1	184	After	Interior Girder 1	24	0.95	1	1	7.638176
Annual Permit 2_str	BOBJ1	184	After	Interior Girder 2	24	0.95	1	1	8.297337
Annual Permit 2_str	BOBJ1	184	After	Interior Girder 3	24	0.95	1	1	7.944344
Annual Permit 2_str	BOBJ1	184	After	Interior Girder 4	24	0.95	1	1	8.09676
Annual Permit 2_str	BOBJ1	184	After	Interior Girder 5	24	0.95	1	1	8.394587
Annual Permit 2_str	BOBJ1	184	After	Interior Girder 6	24	0.95	1	1	7.701052
Annual Permit 2_str	BOBJ1	184	After	Right Exterior Girder	24	0.95	1	1	7.926274
Annual Permit 2_str	BOBJ1	192	Before	Left Exterior Girder	32	0.95	1	1	8.033479
Annual Permit 2_str	BOBJ1	192	Before	Interior Girder 1	32	0.95	1	1	7.7945
Annual Permit 2_str	BOBJ1	192	Before	Interior Girder 2	32	0.95	1	1	8.465677
Annual Permit 2_str	BOBJ1	192	Before	Interior Girder 3	32	0.95	1	1	8.105341
Annual Permit 2_str	BOBJ1	192	Before	Interior Girder 4	32	0.95	1	1	8.260846
Annual Permit 2_str	BOBJ1	192	Before	Interior Girder 5	32	0.95	1	1	8.5649
Annual Permit 2_str	BOBJ1	192	Before	Interior Girder 6	32	0.95	1	1	7.858663
Annual Permit 2_str	BOBJ1	192	Before	Right Exterior Girder	32	0.95	1	1	8.044511
Annual Permit 2_str	BOBJ1	192	After	Left Exterior Girder	32	0.95	1	1	14.30288
Annual Permit 2_str	BOBJ1	192	After	Interior Girder 1	32	0.95	1	1	8.975407
Annual Permit 2_str	BOBJ1	192	After	Interior Girder 2	32	0.95	1	1	8.361027
Annual Permit 2_str	BOBJ1	192	After	Interior Girder 3	32	0.95	1	1	7.572836
Annual Permit 2_str	BOBJ1	192	After	Interior Girder 4	32	0.95	1	1	7.728281
Annual Permit 2_str	BOBJ1	192	After	Interior Girder 5	32	0.95	1	1	8.481843
Annual Permit 2_str	BOBJ1	192	After	Interior Girder 6	32	0.95	1	1	9.010666
Annual Permit 2_str	BOBJ1	192	After	Right Exterior Girder	32	0.95	1	1	14.29864
Annual Permit 2_str	BOBJ1	200	Before	Left Exterior Girder	40	0.95	1	1	14.509628
Annual Permit 2_str	BOBJ1	200	Before	Interior Girder 1	40	0.95	1	1	9.152724
Annual Permit 2_str	BOBJ1	200	Before	Interior Girder 2	40	0.95	1	1	8.52609
Annual Permit 2_str	BOBJ1	200	Before	Interior Girder 3	40	0.95	1	1	7.721914
Annual Permit 2_str	BOBJ1	200	Before	Interior Girder 4	40	0.95	1	1	7.880419
Annual Permit 2_str	BOBJ1	200	Before	Interior Girder 5	40	0.95	1	1	8.649291
Annual Permit 2_str	BOBJ1	200	Before	Interior Girder 6	40	0.95	1	1	9.18868
Annual Permit 2_str	BOBJ1	200	Before	Right Exterior Girder	40	0.95	1	1	14.505327
Annual Permit 2_str	BOBJ1	200	After	Left Exterior Girder	40	0.95	1	1	18.892425
Annual Permit 2_str	BOBJ1	200	After	Interior Girder 1	40	0.95	1	1	13.180623
Annual Permit 2_str	BOBJ1	200	After	Interior Girder 2	40	0.95	1	1	11.44283
Annual Permit 2_str	BOBJ1	200	After	Interior Girder 3	40	0.95	1	1	9.863594
Annual Permit 2_str	BOBJ1	200	After	Interior Girder 4	40	0.95	1	1	10.116021
Annual Permit 2_str	BOBJ1	200	After	Interior Girder 5	40	0.95	1	1	11.663355
Annual Permit 2_str	BOBJ1	200	After	Interior Girder 6	40	0.95	1	1	13.249279
Annual Permit 2_str	BOBJ1	200	After	Right Exterior Girder	40	0.95	1	1	18.91906
Annual Permit 2_str	BOBJ1	208	Before	Left Exterior Girder	48	0.95	1	1	19.155553

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Approach, Span 4-6									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Annual Permit 2_str	BOBJ1	208	Before	Interior Girder 1	48	0.95	1	1	12.93937
Annual Permit 2_str	BOBJ1	208	Before	Interior Girder 2	48	0.95	1	1	11.232872
Annual Permit 2_str	BOBJ1	208	Before	Interior Girder 3	48	0.95	1	1	9.682246
Annual Permit 2_str	BOBJ1	208	Before	Interior Girder 4	48	0.95	1	1	9.930032
Annual Permit 2_str	BOBJ1	208	Before	Interior Girder 5	48	0.95	1	1	11.44935
Annual Permit 2_str	BOBJ1	208	Before	Interior Girder 6	48	0.95	1	1	13.00677
Annual Permit 2_str	BOBJ1	208	Before	Right Exterior Girder	48	0.95	1	1	19.182559
Annual Permit 2_str	BOBJ1	208	After	Left Exterior Girder	48	0.95	1	1	13.262526
Annual Permit 2_str	BOBJ1	208	After	Interior Girder 1	48	0.95	1	1	12.06544
Annual Permit 2_str	BOBJ1	208	After	Interior Girder 2	48	0.95	1	1	12.130077
Annual Permit 2_str	BOBJ1	208	After	Interior Girder 3	48	0.95	1	1	11.197384
Annual Permit 2_str	BOBJ1	208	After	Interior Girder 4	48	0.95	1	1	11.47854
Annual Permit 2_str	BOBJ1	208	After	Interior Girder 5	48	0.95	1	1	12.296487
Annual Permit 2_str	BOBJ1	208	After	Interior Girder 6	48	0.95	1	1	12.09495
Annual Permit 2_str	BOBJ1	208	After	Right Exterior Girder	48	0.95	1	1	13.294588
Annual Permit 2_str	BOBJ1	216	Before	Left Exterior Girder	56	0.95	1	1	13.08019
Annual Permit 2_str	BOBJ1	216	Before	Interior Girder 1	56	0.95	1	1	11.837137
Annual Permit 2_str	BOBJ1	216	Before	Interior Girder 2	56	0.95	1	1	11.901223
Annual Permit 2_str	BOBJ1	216	Before	Interior Girder 3	56	0.95	1	1	11.11691
Annual Permit 2_str	BOBJ1	216	Before	Interior Girder 4	56	0.95	1	1	11.38602
Annual Permit 2_str	BOBJ1	216	Before	Interior Girder 5	56	0.95	1	1	12.064493
Annual Permit 2_str	BOBJ1	216	Before	Interior Girder 6	56	0.95	1	1	11.866088
Annual Permit 2_str	BOBJ1	216	Before	Right Exterior Girder	56	0.95	1	1	13.111811
Annual Permit 2_str	BOBJ1	216	After	Left Exterior Girder	56	0.95	1	1	10.567268
Annual Permit 2_str	BOBJ1	216	After	Interior Girder 1	56	0.95	1	1	7.994145
Annual Permit 2_str	BOBJ1	216	After	Interior Girder 2	56	0.95	1	1	7.743491
Annual Permit 2_str	BOBJ1	216	After	Interior Girder 3	56	0.95	1	1	7.088465
Annual Permit 2_str	BOBJ1	216	After	Interior Girder 4	56	0.95	1	1	7.236742
Annual Permit 2_str	BOBJ1	216	After	Interior Girder 5	56	0.95	1	1	7.868788
Annual Permit 2_str	BOBJ1	216	After	Interior Girder 6	56	0.95	1	1	8.018971
Annual Permit 2_str	BOBJ1	216	After	Right Exterior Girder	56	0.95	1	1	10.552328
Annual Permit 2_str	BOBJ1	224	Before	Left Exterior Girder	64	0.95	1	1	10.416541
Annual Permit 2_str	BOBJ1	224	Before	Interior Girder 1	64	0.95	1	1	7.839173
Annual Permit 2_str	BOBJ1	224	Before	Interior Girder 2	64	0.95	1	1	7.593535
Annual Permit 2_str	BOBJ1	224	Before	Interior Girder 3	64	0.95	1	1	6.951248
Annual Permit 2_str	BOBJ1	224	Before	Interior Girder 4	64	0.95	1	1	7.096654
Annual Permit 2_str	BOBJ1	224	Before	Interior Girder 5	64	0.95	1	1	7.716405
Annual Permit 2_str	BOBJ1	224	Before	Interior Girder 6	64	0.95	1	1	7.863517
Annual Permit 2_str	BOBJ1	224	Before	Right Exterior Girder	64	0.95	1	1	10.401814
Annual Permit 2_str	BOBJ1	224	After	Left Exterior Girder	64	0.95	1	1	6.762661
Annual Permit 2_str	BOBJ1	224	After	Interior Girder 1	64	0.95	1	1	6.857932
Annual Permit 2_str	BOBJ1	224	After	Interior Girder 2	64	0.95	1	1	7.340263
Annual Permit 2_str	BOBJ1	224	After	Interior Girder 3	64	0.95	1	1	6.756718
Annual Permit 2_str	BOBJ1	224	After	Interior Girder 4	64	0.95	1	1	6.830227
Annual Permit 2_str	BOBJ1	224	After	Interior Girder 5	64	0.95	1	1	7.379382
Annual Permit 2_str	BOBJ1	224	After	Interior Girder 6	64	0.95	1	1	6.849639
Annual Permit 2_str	BOBJ1	224	After	Right Exterior Girder	64	0.95	1	1	6.772703
Annual Permit 2_str	BOBJ1	232	Before	Left Exterior Girder	72	0.95	1	1	6.662806
Annual Permit 2_str	BOBJ1	232	Before	Interior Girder 1	72	0.95	1	1	6.720822
Annual Permit 2_str	BOBJ1	232	Before	Interior Girder 2	72	0.95	1	1	7.194619
Annual Permit 2_str	BOBJ1	232	Before	Interior Girder 3	72	0.95	1	1	6.621785
Annual Permit 2_str	BOBJ1	232	Before	Interior Girder 4	72	0.95	1	1	6.693825
Annual Permit 2_str	BOBJ1	232	Before	Interior Girder 5	72	0.95	1	1	7.232961
Annual Permit 2_str	BOBJ1	232	Before	Interior Girder 6	72	0.95	1	1	6.712694
Annual Permit 2_str	BOBJ1	232	Before	Right Exterior Girder	72	0.95	1	1	6.6727
Annual Permit 2_str	BOBJ1	232	After	Left Exterior Girder	72	0.95	1	1	5.766736
Annual Permit 2_str	BOBJ1	232	After	Interior Girder 1	72	0.95	1	1	4.847839
Annual Permit 2_str	BOBJ1	232	After	Interior Girder 2	72	0.95	1	1	4.946117
Annual Permit 2_str	BOBJ1	232	After	Interior Girder 3	72	0.95	1	1	4.317667
Annual Permit 2_str	BOBJ1	232	After	Interior Girder 4	72	0.95	1	1	4.358632
Annual Permit 2_str	BOBJ1	232	After	Interior Girder 5	72	0.95	1	1	4.940059
Annual Permit 2_str	BOBJ1	232	After	Interior Girder 6	72	0.95	1	1	4.863443
Annual Permit 2_str	BOBJ1	232	After	Right Exterior Girder	72	0.95	1	1	5.773531
Annual Permit 2_str	BOBJ1	240	Before	Left Exterior Girder	80	0.95	1	1	5.678005
Annual Permit 2_str	BOBJ1	240	Before	Interior Girder 1	80	0.95	1	1	4.748534

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Approach, Span 4-6									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Annual Permit 2_str	BOBJ1	240	Before	Interior Girder 2	80	0.95	1	1	4.845397
Annual Permit 2_str	BOBJ1	240	Before	Interior Girder 3	80	0.95	1	1	4.228954
Annual Permit 2_str	BOBJ1	240	Before	Interior Girder 4	80	0.95	1	1	4.269078
Annual Permit 2_str	BOBJ1	240	Before	Interior Girder 5	80	0.95	1	1	4.839463
Annual Permit 2_str	BOBJ1	240	Before	Interior Girder 6	80	0.95	1	1	4.763818
Annual Permit 2_str	BOBJ1	240	Before	Right Exterior Girder	80	0.95	1	1	5.684695
Overweight Permit_str	BOBJ1	0	After	Left Exterior Girder	0	0.95	1	1	7.694434
Overweight Permit_str	BOBJ1	0	After	Interior Girder 1	0	0.95	1	1	7.566683
Overweight Permit_str	BOBJ1	0	After	Interior Girder 2	0	0.95	1	1	7.810197
Overweight Permit_str	BOBJ1	0	After	Interior Girder 3	0	0.95	1	1	7.101931
Overweight Permit_str	BOBJ1	0	After	Interior Girder 4	0	0.95	1	1	7.145084
Overweight Permit_str	BOBJ1	0	After	Interior Girder 5	0	0.95	1	1	7.794515
Overweight Permit_str	BOBJ1	0	After	Interior Girder 6	0	0.95	1	1	7.587358
Overweight Permit_str	BOBJ1	0	After	Right Exterior Girder	0	0.95	1	1	7.694434
Overweight Permit_str	BOBJ1	8	Before	Left Exterior Girder	8	0.95	1	1	7.809441
Overweight Permit_str	BOBJ1	8	Before	Interior Girder 1	8	0.95	1	1	7.719623
Overweight Permit_str	BOBJ1	8	Before	Interior Girder 2	8	0.95	1	1	7.967175
Overweight Permit_str	BOBJ1	8	Before	Interior Girder 3	8	0.95	1	1	7.245326
Overweight Permit_str	BOBJ1	8	Before	Interior Girder 4	8	0.95	1	1	7.289351
Overweight Permit_str	BOBJ1	8	Before	Interior Girder 5	8	0.95	1	1	7.951178
Overweight Permit_str	BOBJ1	8	Before	Interior Girder 6	8	0.95	1	1	7.740716
Overweight Permit_str	BOBJ1	8	Before	Right Exterior Girder	8	0.95	1	1	7.809441
Overweight Permit_str	BOBJ1	8	After	Left Exterior Girder	8	0.95	1	1	9.322894
Overweight Permit_str	BOBJ1	8	After	Interior Girder 1	8	0.95	1	1	10.935748
Overweight Permit_str	BOBJ1	8	After	Interior Girder 2	8	0.95	1	1	11.494656
Overweight Permit_str	BOBJ1	8	After	Interior Girder 3	8	0.95	1	1	11.187106
Overweight Permit_str	BOBJ1	8	After	Interior Girder 4	8	0.95	1	1	11.370373
Overweight Permit_str	BOBJ1	8	After	Interior Girder 5	8	0.95	1	1	11.636132
Overweight Permit_str	BOBJ1	8	After	Interior Girder 6	8	0.95	1	1	10.931626
Overweight Permit_str	BOBJ1	8	After	Right Exterior Girder	8	0.95	1	1	9.322894
Overweight Permit_str	BOBJ1	16	Before	Left Exterior Girder	16	0.95	1	1	9.456938
Overweight Permit_str	BOBJ1	16	Before	Interior Girder 1	16	0.95	1	1	11.151404
Overweight Permit_str	BOBJ1	16	Before	Interior Girder 2	16	0.95	1	1	11.719856
Overweight Permit_str	BOBJ1	16	Before	Interior Girder 3	16	0.95	1	1	11.406836
Overweight Permit_str	BOBJ1	16	Before	Interior Girder 4	16	0.95	1	1	11.593703
Overweight Permit_str	BOBJ1	16	Before	Interior Girder 5	16	0.95	1	1	11.864104
Overweight Permit_str	BOBJ1	16	Before	Interior Girder 6	16	0.95	1	1	11.147202
Overweight Permit_str	BOBJ1	16	Before	Right Exterior Girder	16	0.95	1	1	9.456938
Overweight Permit_str	BOBJ1	16	After	Left Exterior Girder	16	0.95	1	1	11.867477
Overweight Permit_str	BOBJ1	16	After	Interior Girder 1	16	0.95	1	1	11.961674
Overweight Permit_str	BOBJ1	16	After	Interior Girder 2	16	0.95	1	1	11.219671
Overweight Permit_str	BOBJ1	16	After	Interior Girder 3	16	0.95	1	1	10.72357
Overweight Permit_str	BOBJ1	16	After	Interior Girder 4	16	0.95	1	1	10.821631
Overweight Permit_str	BOBJ1	16	After	Interior Girder 5	16	0.95	1	1	11.519553
Overweight Permit_str	BOBJ1	16	After	Interior Girder 6	16	0.95	1	1	12.002607
Overweight Permit_str	BOBJ1	16	After	Right Exterior Girder	16	0.95	1	1	11.867477
Overweight Permit_str	BOBJ1	20.5	Before	Left Exterior Girder	20.5	0.95	1	1	11.961059
Overweight Permit_str	BOBJ1	20.5	Before	Right Exterior Girder	20.5	0.95	1	1	11.961059
Overweight Permit_str	BOBJ1	20.5	After	Left Exterior Girder	20.5	0.95	1	1	13.158215
Overweight Permit_str	BOBJ1	20.5	After	Right Exterior Girder	20.5	0.95	1	1	13.158215
Overweight Permit_str	BOBJ1	24	Before	Left Exterior Girder	24	0.95	1	1	13.246139
Overweight Permit_str	BOBJ1	24	Before	Interior Girder 1	24	0.95	1	1	12.017625
Overweight Permit_str	BOBJ1	24	Before	Interior Girder 2	24	0.95	1	1	11.43427
Overweight Permit_str	BOBJ1	24	Before	Interior Girder 3	24	0.95	1	1	10.928238
Overweight Permit_str	BOBJ1	24	Before	Interior Girder 4	24	0.95	1	1	11.02817
Overweight Permit_str	BOBJ1	24	Before	Interior Girder 5	24	0.95	1	1	11.739887
Overweight Permit_str	BOBJ1	24	Before	Interior Girder 6	24	0.95	1	1	12.056256
Overweight Permit_str	BOBJ1	24	Before	Right Exterior Girder	24	0.95	1	1	13.246139
Overweight Permit_str	BOBJ1	24	After	Left Exterior Girder	24	0.95	1	1	16.504649
Overweight Permit_str	BOBJ1	24	After	Interior Girder 1	24	0.95	1	1	17.872034
Overweight Permit_str	BOBJ1	24	After	Interior Girder 2	24	0.95	1	1	16.224909
Overweight Permit_str	BOBJ1	24	After	Interior Girder 3	24	0.95	1	1	14.786338
Overweight Permit_str	BOBJ1	24	After	Interior Girder 4	24	0.95	1	1	15.047382
Overweight Permit_str	BOBJ1	24	After	Interior Girder 5	24	0.95	1	1	16.796639
Overweight Permit_str	BOBJ1	24	After	Interior Girder 6	24	0.95	1	1	17.954513

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Approach, Span 4-6									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Overweight Permit_str	BOBJ1	24	After	Right Exterior Girder	24	0.95	1	1	16.504649
Overweight Permit_str	BOBJ1	32	Before	Left Exterior Girder	32	0.95	1	1	16.751207
Overweight Permit_str	BOBJ1	32	Before	Interior Girder 1	32	0.95	1	1	17.554243
Overweight Permit_str	BOBJ1	32	Before	Interior Girder 2	32	0.95	1	1	15.936515
Overweight Permit_str	BOBJ1	32	Before	Interior Girder 3	32	0.95	1	1	14.523152
Overweight Permit_str	BOBJ1	32	Before	Interior Girder 4	32	0.95	1	1	14.779549
Overweight Permit_str	BOBJ1	32	Before	Interior Girder 5	32	0.95	1	1	16.498082
Overweight Permit_str	BOBJ1	32	Before	Interior Girder 6	32	0.95	1	1	17.635255
Overweight Permit_str	BOBJ1	32	Before	Right Exterior Girder	32	0.95	1	1	16.751207
Overweight Permit_str	BOBJ1	32	After	Left Exterior Girder	32	0.95	1	1	17.781225
Overweight Permit_str	BOBJ1	32	After	Interior Girder 1	32	0.95	1	1	17.007366
Overweight Permit_str	BOBJ1	32	After	Interior Girder 2	32	0.95	1	1	15.136864
Overweight Permit_str	BOBJ1	32	After	Interior Girder 3	32	0.95	1	1	13.953902
Overweight Permit_str	BOBJ1	32	After	Interior Girder 4	32	0.95	1	1	14.224373
Overweight Permit_str	BOBJ1	32	After	Interior Girder 5	32	0.95	1	1	15.768659
Overweight Permit_str	BOBJ1	32	After	Interior Girder 6	32	0.95	1	1	17.085219
Overweight Permit_str	BOBJ1	32	After	Right Exterior Girder	32	0.95	1	1	17.781225
Overweight Permit_str	BOBJ1	40	Before	Left Exterior Girder	40	0.95	1	1	17.519516
Overweight Permit_str	BOBJ1	40	Before	Interior Girder 1	40	0.95	1	1	17.315661
Overweight Permit_str	BOBJ1	40	Before	Interior Girder 2	40	0.95	1	1	15.41119
Overweight Permit_str	BOBJ1	40	Before	Interior Girder 3	40	0.95	1	1	14.207124
Overweight Permit_str	BOBJ1	40	Before	Interior Girder 4	40	0.95	1	1	14.482503
Overweight Permit_str	BOBJ1	40	Before	Interior Girder 5	40	0.95	1	1	16.054435
Overweight Permit_str	BOBJ1	40	Before	Interior Girder 6	40	0.95	1	1	17.394926
Overweight Permit_str	BOBJ1	40	Before	Right Exterior Girder	40	0.95	1	1	17.519516
Overweight Permit_str	BOBJ1	40	After	Left Exterior Girder	40	0.95	1	1	12.914082
Overweight Permit_str	BOBJ1	40	After	Interior Girder 1	40	0.95	1	1	11.844793
Overweight Permit_str	BOBJ1	40	After	Interior Girder 2	40	0.95	1	1	10.804396
Overweight Permit_str	BOBJ1	40	After	Interior Girder 3	40	0.95	1	1	10.318007
Overweight Permit_str	BOBJ1	40	After	Interior Girder 4	40	0.95	1	1	10.449956
Overweight Permit_str	BOBJ1	40	After	Interior Girder 5	40	0.95	1	1	11.170388
Overweight Permit_str	BOBJ1	40	After	Interior Girder 6	40	0.95	1	1	11.884459
Overweight Permit_str	BOBJ1	40	After	Right Exterior Girder	40	0.95	1	1	12.914082
Overweight Permit_str	BOBJ1	46.5	Before	Left Exterior Girder	46.5	0.95	1	1	12.754193
Overweight Permit_str	BOBJ1	46.5	Before	Right Exterior Girder	46.5	0.95	1	1	12.754193
Overweight Permit_str	BOBJ1	46.5	After	Left Exterior Girder	46.5	0.95	1	1	9.498924
Overweight Permit_str	BOBJ1	46.5	After	Right Exterior Girder	46.5	0.95	1	1	9.498924
Overweight Permit_str	BOBJ1	48	Before	Left Exterior Girder	48	0.95	1	1	9.473588
Overweight Permit_str	BOBJ1	48	Before	Interior Girder 1	48	0.95	1	1	13.081449
Overweight Permit_str	BOBJ1	48	Before	Interior Girder 2	48	0.95	1	1	10.601907
Overweight Permit_str	BOBJ1	48	Before	Interior Girder 3	48	0.95	1	1	10.125061
Overweight Permit_str	BOBJ1	48	Before	Interior Girder 4	48	0.95	1	1	10.254543
Overweight Permit_str	BOBJ1	48	Before	Interior Girder 5	48	0.95	1	1	10.96104
Overweight Permit_str	BOBJ1	48	Before	Interior Girder 6	48	0.95	1	1	13.114307
Overweight Permit_str	BOBJ1	48	Before	Right Exterior Girder	48	0.95	1	1	9.473588
Overweight Permit_str	BOBJ1	48	After	Left Exterior Girder	48	0.95	1	1	9.082085
Overweight Permit_str	BOBJ1	48	After	Interior Girder 1	48	0.95	1	1	10.756767
Overweight Permit_str	BOBJ1	48	After	Interior Girder 2	48	0.95	1	1	11.253857
Overweight Permit_str	BOBJ1	48	After	Interior Girder 3	48	0.95	1	1	10.828331
Overweight Permit_str	BOBJ1	48	After	Interior Girder 4	48	0.95	1	1	10.882372
Overweight Permit_str	BOBJ1	48	After	Interior Girder 5	48	0.95	1	1	11.395254
Overweight Permit_str	BOBJ1	48	After	Interior Girder 6	48	0.95	1	1	10.754591
Overweight Permit_str	BOBJ1	48	After	Right Exterior Girder	48	0.95	1	1	9.082085
Overweight Permit_str	BOBJ1	56	Before	Left Exterior Girder	56	0.95	1	1	8.953475
Overweight Permit_str	BOBJ1	56	Before	Interior Girder 1	56	0.95	1	1	10.548845
Overweight Permit_str	BOBJ1	56	Before	Interior Girder 2	56	0.95	1	1	11.037575
Overweight Permit_str	BOBJ1	56	Before	Interior Girder 3	56	0.95	1	1	10.620298
Overweight Permit_str	BOBJ1	56	Before	Interior Girder 4	56	0.95	1	1	10.673301
Overweight Permit_str	BOBJ1	56	Before	Interior Girder 5	56	0.95	1	1	11.176255
Overweight Permit_str	BOBJ1	56	Before	Interior Girder 6	56	0.95	1	1	10.546711
Overweight Permit_str	BOBJ1	56	Before	Right Exterior Girder	56	0.95	1	1	8.953475
Overweight Permit_str	BOBJ1	56	After	Left Exterior Girder	56	0.95	1	1	7.573399
Overweight Permit_str	BOBJ1	56	After	Interior Girder 1	56	0.95	1	1	7.708959
Overweight Permit_str	BOBJ1	56	After	Interior Girder 2	56	0.95	1	1	8.101303
Overweight Permit_str	BOBJ1	56	After	Interior Girder 3	56	0.95	1	1	7.447057

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Approach, Span 4-6									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Overweight Permit_str	BOBJ1	56	After	Interior Girder 4	56	0.95	1	1	7.503018
Overweight Permit_str	BOBJ1	56	After	Interior Girder 5	56	0.95	1	1	8.078561
Overweight Permit_str	BOBJ1	56	After	Interior Girder 6	56	0.95	1	1	7.71949
Overweight Permit_str	BOBJ1	56	After	Right Exterior Girder	56	0.95	1	1	7.573399
Overweight Permit_str	BOBJ1	59	Before	Interior Girder 1	59	0.95	1	1	7.651595
Overweight Permit_str	BOBJ1	59	Before	Interior Girder 2	59	0.95	1	1	8.041513
Overweight Permit_str	BOBJ1	59	Before	Interior Girder 3	59	0.95	1	1	7.392096
Overweight Permit_str	BOBJ1	59	Before	Interior Girder 4	59	0.95	1	1	7.447643
Overweight Permit_str	BOBJ1	59	Before	Interior Girder 5	59	0.95	1	1	8.01894
Overweight Permit_str	BOBJ1	59	Before	Interior Girder 6	59	0.95	1	1	7.662049
Overweight Permit_str	BOBJ1	59	After	Interior Girder 1	59	0.95	1	1	5.250025
Overweight Permit_str	BOBJ1	59	After	Interior Girder 2	59	0.95	1	1	5.455342
Overweight Permit_str	BOBJ1	59	After	Interior Girder 3	59	0.95	1	1	4.984369
Overweight Permit_str	BOBJ1	59	After	Interior Girder 4	59	0.95	1	1	5.023191
Overweight Permit_str	BOBJ1	59	After	Interior Girder 5	59	0.95	1	1	5.426285
Overweight Permit_str	BOBJ1	59	After	Interior Girder 6	59	0.95	1	1	5.266526
Overweight Permit_str	BOBJ1	64	Before	Left Exterior Girder	64	0.95	1	1	7.40541
Overweight Permit_str	BOBJ1	64	Before	Interior Girder 1	64	0.95	1	1	5.173408
Overweight Permit_str	BOBJ1	64	Before	Interior Girder 2	64	0.95	1	1	5.376268
Overweight Permit_str	BOBJ1	64	Before	Interior Girder 3	64	0.95	1	1	4.912038
Overweight Permit_str	BOBJ1	64	Before	Interior Girder 4	64	0.95	1	1	4.950297
Overweight Permit_str	BOBJ1	64	Before	Interior Girder 5	64	0.95	1	1	5.347632
Overweight Permit_str	BOBJ1	64	Before	Interior Girder 6	64	0.95	1	1	5.189669
Overweight Permit_str	BOBJ1	64	Before	Right Exterior Girder	64	0.95	1	1	7.40541
Overweight Permit_str	BOBJ1	64	After	Left Exterior Girder	64	0.95	1	1	5.718297
Overweight Permit_str	BOBJ1	64	After	Interior Girder 1	64	0.95	1	1	5.556679
Overweight Permit_str	BOBJ1	64	After	Interior Girder 2	64	0.95	1	1	6.02185
Overweight Permit_str	BOBJ1	64	After	Interior Girder 3	64	0.95	1	1	5.211573
Overweight Permit_str	BOBJ1	64	After	Interior Girder 4	64	0.95	1	1	5.227146
Overweight Permit_str	BOBJ1	64	After	Interior Girder 5	64	0.95	1	1	6.000861
Overweight Permit_str	BOBJ1	64	After	Interior Girder 6	64	0.95	1	1	5.557058
Overweight Permit_str	BOBJ1	64	After	Right Exterior Girder	64	0.95	1	1	5.718297
Overweight Permit_str	BOBJ1	69	Before	Interior Girder 1	69	0.95	1	1	5.474147
Overweight Permit_str	BOBJ1	69	Before	Interior Girder 2	69	0.95	1	1	5.933787
Overweight Permit_str	BOBJ1	69	Before	Interior Girder 3	69	0.95	1	1	5.133317
Overweight Permit_str	BOBJ1	69	Before	Interior Girder 4	69	0.95	1	1	5.148656
Overweight Permit_str	BOBJ1	69	Before	Interior Girder 5	69	0.95	1	1	5.913104
Overweight Permit_str	BOBJ1	69	Before	Interior Girder 6	69	0.95	1	1	5.47452
Overweight Permit_str	BOBJ1	69	After	Interior Girder 1	69	0.95	1	1	4.651264
Overweight Permit_str	BOBJ1	69	After	Interior Girder 2	69	0.95	1	1	5.055333
Overweight Permit_str	BOBJ1	69	After	Interior Girder 3	69	0.95	1	1	4.281722
Overweight Permit_str	BOBJ1	69	After	Interior Girder 4	69	0.95	1	1	4.305434
Overweight Permit_str	BOBJ1	69	After	Interior Girder 5	69	0.95	1	1	5.037286
Overweight Permit_str	BOBJ1	69	After	Interior Girder 6	69	0.95	1	1	4.654904
Overweight Permit_str	BOBJ1	72	Before	Left Exterior Girder	72	0.95	1	1	3.972215
Overweight Permit_str	BOBJ1	72	Before	Interior Girder 1	72	0.95	1	1	4.603671
Overweight Permit_str	BOBJ1	72	Before	Interior Girder 2	72	0.95	1	1	5.004606
Overweight Permit_str	BOBJ1	72	Before	Interior Girder 3	72	0.95	1	1	4.237456
Overweight Permit_str	BOBJ1	72	Before	Interior Girder 4	72	0.95	1	1	4.260923
Overweight Permit_str	BOBJ1	72	Before	Interior Girder 5	72	0.95	1	1	4.98674
Overweight Permit_str	BOBJ1	72	Before	Interior Girder 6	72	0.95	1	1	4.607273
Overweight Permit_str	BOBJ1	72	Before	Right Exterior Girder	72	0.95	1	1	3.972215
Overweight Permit_str	BOBJ1	72	After	Left Exterior Girder	72	0.95	1	1	3.709792
Overweight Permit_str	BOBJ1	72	After	Interior Girder 1	72	0.95	1	1	5.635964
Overweight Permit_str	BOBJ1	72	After	Interior Girder 2	72	0.95	1	1	4.52264
Overweight Permit_str	BOBJ1	72	After	Interior Girder 3	72	0.95	1	1	3.776077
Overweight Permit_str	BOBJ1	72	After	Interior Girder 4	72	0.95	1	1	3.799315
Overweight Permit_str	BOBJ1	72	After	Interior Girder 5	72	0.95	1	1	4.506794
Overweight Permit_str	BOBJ1	72	After	Interior Girder 6	72	0.95	1	1	5.655366
Overweight Permit_str	BOBJ1	72	After	Right Exterior Girder	72	0.95	1	1	3.709792
Overweight Permit_str	BOBJ1	72.5	Before	Left Exterior Girder	72.5	0.95	1	1	3.705821
Overweight Permit_str	BOBJ1	72.5	Before	Right Exterior Girder	72.5	0.95	1	1	3.705821
Overweight Permit_str	BOBJ1	72.5	After	Left Exterior Girder	72.5	0.95	1	1	5.083906
Overweight Permit_str	BOBJ1	72.5	After	Right Exterior Girder	72.5	0.95	1	1	5.083906
Overweight Permit_str	BOBJ1	80	Before	Left Exterior Girder	80	0.95	1	1	4.996011

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Approach, Span 4-6									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Overweight Permit_str	BOBJ1	80	Before	Interior Girder 1	80	0.95	1	1	4.250611
Overweight Permit_str	BOBJ1	80	Before	Interior Girder 2	80	0.95	1	1	4.399949
Overweight Permit_str	BOBJ1	80	Before	Interior Girder 3	80	0.95	1	1	3.669931
Overweight Permit_str	BOBJ1	80	Before	Interior Girder 4	80	0.95	1	1	3.692515
Overweight Permit_str	BOBJ1	80	Before	Interior Girder 5	80	0.95	1	1	4.384533
Overweight Permit_str	BOBJ1	80	Before	Interior Girder 6	80	0.95	1	1	4.263704
Overweight Permit_str	BOBJ1	80	Before	Right Exterior Girder	80	0.95	1	1	4.996011
Overweight Permit_str	BOBJ1	80	After	Left Exterior Girder	0	0.95	1	1	5.444313
Overweight Permit_str	BOBJ1	80	After	Interior Girder 1	0	0.95	1	1	4.58387
Overweight Permit_str	BOBJ1	80	After	Interior Girder 2	0	0.95	1	1	4.717426
Overweight Permit_str	BOBJ1	80	After	Interior Girder 3	0	0.95	1	1	3.93439
Overweight Permit_str	BOBJ1	80	After	Interior Girder 4	0	0.95	1	1	3.959042
Overweight Permit_str	BOBJ1	80	After	Interior Girder 5	0	0.95	1	1	4.71025
Overweight Permit_str	BOBJ1	80	After	Interior Girder 6	0	0.95	1	1	4.598263
Overweight Permit_str	BOBJ1	80	After	Right Exterior Girder	0	0.95	1	1	5.444313
Overweight Permit_str	BOBJ1	87.5	Before	Left Exterior Girder	7.5	0.95	1	1	5.535719
Overweight Permit_str	BOBJ1	87.5	Before	Right Exterior Girder	7.5	0.95	1	1	5.535719
Overweight Permit_str	BOBJ1	87.5	After	Left Exterior Girder	7.5	0.95	1	1	4.528472
Overweight Permit_str	BOBJ1	87.5	After	Right Exterior Girder	7.5	0.95	1	1	4.528472
Overweight Permit_str	BOBJ1	88	Before	Left Exterior Girder	8	0.95	1	1	4.532924
Overweight Permit_str	BOBJ1	88	Before	Interior Girder 1	8	0.95	1	1	5.492229
Overweight Permit_str	BOBJ1	88	Before	Interior Girder 2	8	0.95	1	1	4.843219
Overweight Permit_str	BOBJ1	88	Before	Interior Girder 3	8	0.95	1	1	4.04308
Overweight Permit_str	BOBJ1	88	Before	Interior Girder 4	8	0.95	1	1	4.068414
Overweight Permit_str	BOBJ1	88	Before	Interior Girder 5	8	0.95	1	1	4.835851
Overweight Permit_str	BOBJ1	88	Before	Interior Girder 6	8	0.95	1	1	5.510676
Overweight Permit_str	BOBJ1	88	Before	Right Exterior Girder	8	0.95	1	1	4.532924
Overweight Permit_str	BOBJ1	88	After	Left Exterior Girder	8	0.95	1	1	4.866059
Overweight Permit_str	BOBJ1	88	After	Interior Girder 1	8	0.95	1	1	5.04569
Overweight Permit_str	BOBJ1	88	After	Interior Girder 2	8	0.95	1	1	5.426631
Overweight Permit_str	BOBJ1	88	After	Interior Girder 3	8	0.95	1	1	4.581567
Overweight Permit_str	BOBJ1	88	After	Interior Girder 4	8	0.95	1	1	4.607609
Overweight Permit_str	BOBJ1	88	After	Interior Girder 5	8	0.95	1	1	5.410246
Overweight Permit_str	BOBJ1	88	After	Interior Girder 6	8	0.95	1	1	5.04958
Overweight Permit_str	BOBJ1	88	After	Right Exterior Girder	8	0.95	1	1	4.866059
Overweight Permit_str	BOBJ1	91	Before	Interior Girder 1	11	0.95	1	1	5.09538
Overweight Permit_str	BOBJ1	91	Before	Interior Girder 2	11	0.95	1	1	5.47931
Overweight Permit_str	BOBJ1	91	Before	Interior Girder 3	11	0.95	1	1	4.627355
Overweight Permit_str	BOBJ1	91	Before	Interior Girder 4	11	0.95	1	1	4.653657
Overweight Permit_str	BOBJ1	91	Before	Interior Girder 5	11	0.95	1	1	5.462766
Overweight Permit_str	BOBJ1	91	Before	Interior Girder 6	11	0.95	1	1	5.099307
Overweight Permit_str	BOBJ1	91	After	Interior Girder 1	11	0.95	1	1	6.062282
Overweight Permit_str	BOBJ1	91	After	Interior Girder 2	11	0.95	1	1	6.554411
Overweight Permit_str	BOBJ1	91	After	Interior Girder 3	11	0.95	1	1	5.649374
Overweight Permit_str	BOBJ1	91	After	Interior Girder 4	11	0.95	1	1	5.6675
Overweight Permit_str	BOBJ1	91	After	Interior Girder 5	11	0.95	1	1	6.536539
Overweight Permit_str	BOBJ1	91	After	Interior Girder 6	11	0.95	1	1	6.061154
Overweight Permit_str	BOBJ1	96	Before	Left Exterior Girder	16	0.95	1	1	6.576342
Overweight Permit_str	BOBJ1	96	Before	Interior Girder 1	16	0.95	1	1	6.149638
Overweight Permit_str	BOBJ1	96	Before	Interior Girder 2	16	0.95	1	1	6.647633
Overweight Permit_str	BOBJ1	96	Before	Interior Girder 3	16	0.95	1	1	5.731827
Overweight Permit_str	BOBJ1	96	Before	Interior Girder 4	16	0.95	1	1	5.750217
Overweight Permit_str	BOBJ1	96	Before	Interior Girder 5	16	0.95	1	1	6.629506
Overweight Permit_str	BOBJ1	96	Before	Interior Girder 6	16	0.95	1	1	6.148494
Overweight Permit_str	BOBJ1	96	Before	Right Exterior Girder	16	0.95	1	1	6.576342
Overweight Permit_str	BOBJ1	96	After	Left Exterior Girder	16	0.95	1	1	6.150699
Overweight Permit_str	BOBJ1	96	After	Interior Girder 1	16	0.95	1	1	6.580394
Overweight Permit_str	BOBJ1	96	After	Interior Girder 2	16	0.95	1	1	6.708783
Overweight Permit_str	BOBJ1	96	After	Interior Girder 3	16	0.95	1	1	6.355978
Overweight Permit_str	BOBJ1	96	After	Interior Girder 4	16	0.95	1	1	6.398272
Overweight Permit_str	BOBJ1	96	After	Interior Girder 5	16	0.95	1	1	6.832308
Overweight Permit_str	BOBJ1	96	After	Interior Girder 6	16	0.95	1	1	6.597851
Overweight Permit_str	BOBJ1	96	After	Right Exterior Girder	16	0.95	1	1	6.150699
Overweight Permit_str	BOBJ1	104	Before	Left Exterior Girder	24	0.95	1	1	6.253575
Overweight Permit_str	BOBJ1	104	Before	Interior Girder 1	24	0.95	1	1	6.729309

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Approach, Span 4-(									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Overweight Permit_str	BOBJ1	104	Before	Interior Girder 2	24	0.95	1	1	6.860053
Overweight Permit_str	BOBJ1	104	Before	Interior Girder 3	24	0.95	1	1	6.499275
Overweight Permit_str	BOBJ1	104	Before	Interior Girder 4	24	0.95	1	1	6.542522
Overweight Permit_str	BOBJ1	104	Before	Interior Girder 5	24	0.95	1	1	6.986364
Overweight Permit_str	BOBJ1	104	Before	Interior Girder 6	24	0.95	1	1	6.747161
Overweight Permit_str	BOBJ1	104	Before	Right Exterior Girder	24	0.95	1	1	6.253575
Overweight Permit_str	BOBJ1	104	After	Left Exterior Girder	24	0.95	1	1	7.820923
Overweight Permit_str	BOBJ1	104	After	Interior Girder 1	24	0.95	1	1	9.380935
Overweight Permit_str	BOBJ1	104	After	Interior Girder 2	24	0.95	1	1	9.948599
Overweight Permit_str	BOBJ1	104	After	Interior Girder 3	24	0.95	1	1	9.632103
Overweight Permit_str	BOBJ1	104	After	Interior Girder 4	24	0.95	1	1	9.720628
Overweight Permit_str	BOBJ1	104	After	Interior Girder 5	24	0.95	1	1	10.107784
Overweight Permit_str	BOBJ1	104	After	Interior Girder 6	24	0.95	1	1	9.377459
Overweight Permit_str	BOBJ1	104	After	Right Exterior Girder	24	0.95	1	1	7.820923
Overweight Permit_str	BOBJ1	112	Before	Left Exterior Girder	32	0.95	1	1	7.945553
Overweight Permit_str	BOBJ1	112	Before	Interior Girder 1	32	0.95	1	1	9.587298
Overweight Permit_str	BOBJ1	112	Before	Interior Girder 2	32	0.95	1	1	10.166197
Overweight Permit_str	BOBJ1	112	Before	Interior Girder 3	32	0.95	1	1	9.842621
Overweight Permit_str	BOBJ1	112	Before	Interior Girder 4	32	0.95	1	1	9.933081
Overweight Permit_str	BOBJ1	112	Before	Interior Girder 5	32	0.95	1	1	10.328863
Overweight Permit_str	BOBJ1	112	Before	Interior Girder 6	32	0.95	1	1	9.583745
Overweight Permit_str	BOBJ1	112	Before	Right Exterior Girder	32	0.95	1	1	7.945553
Overweight Permit_str	BOBJ1	112	After	Left Exterior Girder	32	0.95	1	1	12.333029
Overweight Permit_str	BOBJ1	112	After	Interior Girder 1	32	0.95	1	1	10.32288
Overweight Permit_str	BOBJ1	112	After	Interior Girder 2	32	0.95	1	1	9.619297
Overweight Permit_str	BOBJ1	112	After	Interior Girder 3	32	0.95	1	1	9.129122
Overweight Permit_str	BOBJ1	112	After	Interior Girder 4	32	0.95	1	1	9.360476
Overweight Permit_str	BOBJ1	112	After	Interior Girder 5	32	0.95	1	1	10.085895
Overweight Permit_str	BOBJ1	112	After	Interior Girder 6	32	0.95	1	1	10.338438
Overweight Permit_str	BOBJ1	112	After	Right Exterior Girder	32	0.95	1	1	12.333029
Overweight Permit_str	BOBJ1	120	Before	Left Exterior Girder	40	0.95	1	1	12.521913
Overweight Permit_str	BOBJ1	120	Before	Interior Girder 1	40	0.95	1	1	10.541588
Overweight Permit_str	BOBJ1	120	Before	Interior Girder 2	40	0.95	1	1	9.823308
Overweight Permit_str	BOBJ1	120	Before	Interior Girder 3	40	0.95	1	1	9.322632
Overweight Permit_str	BOBJ1	120	Before	Interior Girder 4	40	0.95	1	1	9.55889
Overweight Permit_str	BOBJ1	120	Before	Interior Girder 5	40	0.95	1	1	10.299802
Overweight Permit_str	BOBJ1	120	Before	Interior Girder 6	40	0.95	1	1	10.557476
Overweight Permit_str	BOBJ1	120	Before	Right Exterior Girder	40	0.95	1	1	12.521913
Overweight Permit_str	BOBJ1	120	After	Left Exterior Girder	40	0.95	1	1	12.776199
Overweight Permit_str	BOBJ1	120	After	Interior Girder 1	40	0.95	1	1	10.604395
Overweight Permit_str	BOBJ1	120	After	Interior Girder 2	40	0.95	1	1	9.88864
Overweight Permit_str	BOBJ1	120	After	Interior Girder 3	40	0.95	1	1	9.380265
Overweight Permit_str	BOBJ1	120	After	Interior Girder 4	40	0.95	1	1	9.624244
Overweight Permit_str	BOBJ1	120	After	Interior Girder 5	40	0.95	1	1	10.37683
Overweight Permit_str	BOBJ1	120	After	Interior Girder 6	40	0.95	1	1	10.620974
Overweight Permit_str	BOBJ1	120	After	Right Exterior Girder	40	0.95	1	1	12.776199
Overweight Permit_str	BOBJ1	128	Before	Left Exterior Girder	48	0.95	1	1	12.583906
Overweight Permit_str	BOBJ1	128	Before	Interior Girder 1	48	0.95	1	1	10.384566
Overweight Permit_str	BOBJ1	128	Before	Interior Girder 2	48	0.95	1	1	9.683428
Overweight Permit_str	BOBJ1	128	Before	Interior Girder 3	48	0.95	1	1	9.185666
Overweight Permit_str	BOBJ1	128	Before	Interior Girder 4	48	0.95	1	1	9.424583
Overweight Permit_str	BOBJ1	128	Before	Interior Girder 5	48	0.95	1	1	10.161487
Overweight Permit_str	BOBJ1	128	Before	Interior Girder 6	48	0.95	1	1	10.400802
Overweight Permit_str	BOBJ1	128	Before	Right Exterior Girder	48	0.95	1	1	12.583906
Overweight Permit_str	BOBJ1	128	After	Left Exterior Girder	48	0.95	1	1	8.075925
Overweight Permit_str	BOBJ1	128	After	Interior Girder 1	48	0.95	1	1	9.65782
Overweight Permit_str	BOBJ1	128	After	Interior Girder 2	48	0.95	1	1	10.260288
Overweight Permit_str	BOBJ1	128	After	Interior Girder 3	48	0.95	1	1	9.958341
Overweight Permit_str	BOBJ1	128	After	Interior Girder 4	48	0.95	1	1	10.054985
Overweight Permit_str	BOBJ1	128	After	Interior Girder 5	48	0.95	1	1	10.433313
Overweight Permit_str	BOBJ1	128	After	Interior Girder 6	48	0.95	1	1	9.654224
Overweight Permit_str	BOBJ1	128	After	Right Exterior Girder	48	0.95	1	1	8.075925
Overweight Permit_str	BOBJ1	136	Before	Left Exterior Girder	56	0.95	1	1	7.949587
Overweight Permit_str	BOBJ1	136	Before	Interior Girder 1	56	0.95	1	1	9.450063
Overweight Permit_str	BOBJ1	136	Before	Interior Girder 2	56	0.95	1	1	10.040762

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Approach, Span 4-6									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Overweight Permit_str	BOBJ1	136	Before	Interior Girder 3	56	0.95	1	1	9.745531
Overweight Permit_str	BOBJ1	136	Before	Interior Girder 4	56	0.95	1	1	9.84011
Overweight Permit_str	BOBJ1	136	Before	Interior Girder 5	56	0.95	1	1	10.210085
Overweight Permit_str	BOBJ1	136	Before	Interior Girder 6	56	0.95	1	1	9.446544
Overweight Permit_str	BOBJ1	136	Before	Right Exterior Girder	56	0.95	1	1	7.949587
Overweight Permit_str	BOBJ1	136	After	Left Exterior Girder	56	0.95	1	1	6.356878
Overweight Permit_str	BOBJ1	136	After	Interior Girder 1	56	0.95	1	1	6.772236
Overweight Permit_str	BOBJ1	136	After	Interior Girder 2	56	0.95	1	1	6.911384
Overweight Permit_str	BOBJ1	136	After	Interior Girder 3	56	0.95	1	1	6.568229
Overweight Permit_str	BOBJ1	136	After	Interior Girder 4	56	0.95	1	1	6.612197
Overweight Permit_str	BOBJ1	136	After	Interior Girder 5	56	0.95	1	1	7.042223
Overweight Permit_str	BOBJ1	136	After	Interior Girder 6	56	0.95	1	1	6.790201
Overweight Permit_str	BOBJ1	136	After	Right Exterior Girder	56	0.95	1	1	6.356878
Overweight Permit_str	BOBJ1	144	Before	Left Exterior Girder	64	0.95	1	1	6.25261
Overweight Permit_str	BOBJ1	144	Before	Interior Girder 1	64	0.95	1	1	6.622447
Overweight Permit_str	BOBJ1	144	Before	Interior Girder 2	64	0.95	1	1	6.759023
Overweight Permit_str	BOBJ1	144	Before	Interior Girder 3	64	0.95	1	1	6.423554
Overweight Permit_str	BOBJ1	144	Before	Interior Girder 4	64	0.95	1	1	6.466553
Overweight Permit_str	BOBJ1	144	Before	Interior Girder 5	64	0.95	1	1	6.886977
Overweight Permit_str	BOBJ1	144	Before	Interior Girder 6	64	0.95	1	1	6.640015
Overweight Permit_str	BOBJ1	144	Before	Right Exterior Girder	64	0.95	1	1	6.25261
Overweight Permit_str	BOBJ1	144	After	Left Exterior Girder	64	0.95	1	1	6.19094
Overweight Permit_str	BOBJ1	144	After	Interior Girder 1	64	0.95	1	1	6.196246
Overweight Permit_str	BOBJ1	144	After	Interior Girder 2	64	0.95	1	1	6.725881
Overweight Permit_str	BOBJ1	144	After	Interior Girder 3	64	0.95	1	1	5.848568
Overweight Permit_str	BOBJ1	144	After	Interior Girder 4	64	0.95	1	1	5.866076
Overweight Permit_str	BOBJ1	144	After	Interior Girder 5	64	0.95	1	1	6.709355
Overweight Permit_str	BOBJ1	144	After	Interior Girder 6	64	0.95	1	1	6.195664
Overweight Permit_str	BOBJ1	144	After	Right Exterior Girder	64	0.95	1	1	6.19094
Overweight Permit_str	BOBJ1	150	Before	Interior Girder 1	70	0.95	1	1	6.090567
Overweight Permit_str	BOBJ1	150	Before	Interior Girder 2	70	0.95	1	1	6.612554
Overweight Permit_str	BOBJ1	150	Before	Interior Girder 3	70	0.95	1	1	5.747751
Overweight Permit_str	BOBJ1	150	Before	Interior Girder 4	70	0.95	1	1	5.764957
Overweight Permit_str	BOBJ1	150	Before	Interior Girder 5	70	0.95	1	1	6.596307
Overweight Permit_str	BOBJ1	150	Before	Interior Girder 6	70	0.95	1	1	6.089995
Overweight Permit_str	BOBJ1	150	After	Interior Girder 1	70	0.95	1	1	4.704774
Overweight Permit_str	BOBJ1	150	After	Interior Girder 2	70	0.95	1	1	5.244722
Overweight Permit_str	BOBJ1	150	After	Interior Girder 3	70	0.95	1	1	4.421937
Overweight Permit_str	BOBJ1	150	After	Interior Girder 4	70	0.95	1	1	4.451508
Overweight Permit_str	BOBJ1	150	After	Interior Girder 5	70	0.95	1	1	5.23085
Overweight Permit_str	BOBJ1	150	After	Interior Girder 6	70	0.95	1	1	4.708383
Overweight Permit_str	BOBJ1	152	Before	Left Exterior Girder	72	0.95	1	1	5.959912
Overweight Permit_str	BOBJ1	152	Before	Interior Girder 1	72	0.95	1	1	4.674243
Overweight Permit_str	BOBJ1	152	Before	Interior Girder 2	72	0.95	1	1	5.211398
Overweight Permit_str	BOBJ1	152	Before	Interior Girder 3	72	0.95	1	1	4.393064
Overweight Permit_str	BOBJ1	152	Before	Interior Girder 4	72	0.95	1	1	4.422443
Overweight Permit_str	BOBJ1	152	Before	Interior Girder 5	72	0.95	1	1	5.197614
Overweight Permit_str	BOBJ1	152	Before	Interior Girder 6	72	0.95	1	1	4.677828
Overweight Permit_str	BOBJ1	152	Before	Right Exterior Girder	72	0.95	1	1	5.959912
Overweight Permit_str	BOBJ1	152	After	Left Exterior Girder	72	0.95	1	1	5.173202
Overweight Permit_str	BOBJ1	152	After	Interior Girder 1	72	0.95	1	1	4.387418
Overweight Permit_str	BOBJ1	152	After	Interior Girder 2	72	0.95	1	1	4.863332
Overweight Permit_str	BOBJ1	152	After	Interior Girder 3	72	0.95	1	1	4.083885
Overweight Permit_str	BOBJ1	152	After	Interior Girder 4	72	0.95	1	1	4.109944
Overweight Permit_str	BOBJ1	152	After	Interior Girder 5	72	0.95	1	1	4.856124
Overweight Permit_str	BOBJ1	152	After	Interior Girder 6	72	0.95	1	1	4.397714
Overweight Permit_str	BOBJ1	152	After	Right Exterior Girder	72	0.95	1	1	5.173202
Overweight Permit_str	BOBJ1	154	Before	Left Exterior Girder	74	0.95	1	1	5.152443
Overweight Permit_str	BOBJ1	154	Before	Right Exterior Girder	74	0.95	1	1	5.152443
Overweight Permit_str	BOBJ1	154	After	Left Exterior Girder	74	0.95	1	1	5.180885
Overweight Permit_str	BOBJ1	154	After	Right Exterior Girder	74	0.95	1	1	5.180885
Overweight Permit_str	BOBJ1	160	Before	Left Exterior Girder	80	0.95	1	1	5.110263
Overweight Permit_str	BOBJ1	160	Before	Interior Girder 1	80	0.95	1	1	4.494907
Overweight Permit_str	BOBJ1	160	Before	Interior Girder 2	80	0.95	1	1	4.738514
Overweight Permit_str	BOBJ1	160	Before	Interior Girder 3	80	0.95	1	1	3.97573

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Approach, Span 4-6									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Overweight Permit_str	BOBJ1	160	Before	Interior Girder 4	80	0.95	1	1	4.001099
Overweight Permit_str	BOBJ1	160	Before	Interior Girder 5	80	0.95	1	1	4.73149
Overweight Permit_str	BOBJ1	160	Before	Interior Girder 6	80	0.95	1	1	4.508713
Overweight Permit_str	BOBJ1	160	Before	Right Exterior Girder	80	0.95	1	1	5.110263
Overweight Permit_str	BOBJ1	160	After	Left Exterior Girder	0	0.95	1	1	4.710566
Overweight Permit_str	BOBJ1	160	After	Interior Girder 1	0	0.95	1	1	4.194375
Overweight Permit_str	BOBJ1	160	After	Interior Girder 2	0	0.95	1	1	4.422536
Overweight Permit_str	BOBJ1	160	After	Interior Girder 3	0	0.95	1	1	3.709237
Overweight Permit_str	BOBJ1	160	After	Interior Girder 4	0	0.95	1	1	3.732501
Overweight Permit_str	BOBJ1	160	After	Interior Girder 5	0	0.95	1	1	4.408194
Overweight Permit_str	BOBJ1	160	After	Interior Girder 6	0	0.95	1	1	4.207065
Overweight Permit_str	BOBJ1	160	After	Right Exterior Girder	0	0.95	1	1	4.710566
Overweight Permit_str	BOBJ1	166	Before	Left Exterior Girder	6	0.95	1	1	4.778759
Overweight Permit_str	BOBJ1	166	Before	Right Exterior Girder	6	0.95	1	1	4.778759
Overweight Permit_str	BOBJ1	166	After	Left Exterior Girder	6	0.95	1	1	4.609775
Overweight Permit_str	BOBJ1	166	After	Right Exterior Girder	6	0.95	1	1	4.609775
Overweight Permit_str	BOBJ1	168	Before	Left Exterior Girder	8	0.95	1	1	4.629365
Overweight Permit_str	BOBJ1	168	Before	Interior Girder 1	8	0.95	1	1	4.174898
Overweight Permit_str	BOBJ1	168	Before	Interior Girder 2	8	0.95	1	1	4.544208
Overweight Permit_str	BOBJ1	168	Before	Interior Girder 3	8	0.95	1	1	3.815021
Overweight Permit_str	BOBJ1	168	Before	Interior Girder 4	8	0.95	1	1	3.838948
Overweight Permit_str	BOBJ1	168	Before	Interior Girder 5	8	0.95	1	1	4.529472
Overweight Permit_str	BOBJ1	168	Before	Interior Girder 6	8	0.95	1	1	4.18473
Overweight Permit_str	BOBJ1	168	Before	Right Exterior Girder	8	0.95	1	1	4.629365
Overweight Permit_str	BOBJ1	168	After	Left Exterior Girder	8	0.95	1	1	5.252478
Overweight Permit_str	BOBJ1	168	After	Interior Girder 1	8	0.95	1	1	4.305207
Overweight Permit_str	BOBJ1	168	After	Interior Girder 2	8	0.95	1	1	4.828467
Overweight Permit_str	BOBJ1	168	After	Interior Girder 3	8	0.95	1	1	4.077631
Overweight Permit_str	BOBJ1	168	After	Interior Girder 4	8	0.95	1	1	4.104331
Overweight Permit_str	BOBJ1	168	After	Interior Girder 5	8	0.95	1	1	4.811435
Overweight Permit_str	BOBJ1	168	After	Interior Girder 6	8	0.95	1	1	4.308137
Overweight Permit_str	BOBJ1	168	After	Right Exterior Girder	8	0.95	1	1	5.252478
Overweight Permit_str	BOBJ1	170	Before	Interior Girder 1	10	0.95	1	1	4.334696
Overweight Permit_str	BOBJ1	170	Before	Interior Girder 2	10	0.95	1	1	4.860673
Overweight Permit_str	BOBJ1	170	Before	Interior Girder 3	10	0.95	1	1	4.105679
Overweight Permit_str	BOBJ1	170	Before	Interior Girder 4	10	0.95	1	1	4.132563
Overweight Permit_str	BOBJ1	170	Before	Interior Girder 5	10	0.95	1	1	4.843527
Overweight Permit_str	BOBJ1	170	Before	Interior Girder 6	10	0.95	1	1	4.337646
Overweight Permit_str	BOBJ1	170	After	Interior Girder 1	10	0.95	1	1	5.507699
Overweight Permit_str	BOBJ1	170	After	Interior Girder 2	10	0.95	1	1	5.986724
Overweight Permit_str	BOBJ1	170	After	Interior Girder 3	10	0.95	1	1	5.228009
Overweight Permit_str	BOBJ1	170	After	Interior Girder 4	10	0.95	1	1	5.242486
Overweight Permit_str	BOBJ1	170	After	Interior Girder 5	10	0.95	1	1	5.964372
Overweight Permit_str	BOBJ1	170	After	Interior Girder 6	10	0.95	1	1	5.508425
Overweight Permit_str	BOBJ1	176	Before	Left Exterior Girder	16	0.95	1	1	5.421877
Overweight Permit_str	BOBJ1	176	Before	Interior Girder 1	16	0.95	1	1	5.607456
Overweight Permit_str	BOBJ1	176	Before	Interior Girder 2	16	0.95	1	1	6.093697
Overweight Permit_str	BOBJ1	176	Before	Interior Girder 3	16	0.95	1	1	5.32391
Overweight Permit_str	BOBJ1	176	Before	Interior Girder 4	16	0.95	1	1	5.338652
Overweight Permit_str	BOBJ1	176	Before	Interior Girder 5	16	0.95	1	1	6.070946
Overweight Permit_str	BOBJ1	176	Before	Interior Girder 6	16	0.95	1	1	5.608195
Overweight Permit_str	BOBJ1	176	Before	Right Exterior Girder	16	0.95	1	1	5.421877
Overweight Permit_str	BOBJ1	176	After	Left Exterior Girder	16	0.95	1	1	7.192618
Overweight Permit_str	BOBJ1	176	After	Interior Girder 1	16	0.95	1	1	5.087811
Overweight Permit_str	BOBJ1	176	After	Interior Girder 2	16	0.95	1	1	5.40614
Overweight Permit_str	BOBJ1	176	After	Interior Girder 3	16	0.95	1	1	4.975426
Overweight Permit_str	BOBJ1	176	After	Interior Girder 4	16	0.95	1	1	5.014532
Overweight Permit_str	BOBJ1	176	After	Interior Girder 5	16	0.95	1	1	5.377056
Overweight Permit_str	BOBJ1	176	After	Interior Girder 6	16	0.95	1	1	5.103611
Overweight Permit_str	BOBJ1	176	After	Right Exterior Girder	16	0.95	1	1	7.192618
Overweight Permit_str	BOBJ1	181	Before	Interior Girder 1	21	0.95	1	1	5.163281
Overweight Permit_str	BOBJ1	181	Before	Interior Girder 2	21	0.95	1	1	5.485593
Overweight Permit_str	BOBJ1	181	Before	Interior Girder 3	21	0.95	1	1	5.048552
Overweight Permit_str	BOBJ1	181	Before	Interior Girder 4	21	0.95	1	1	5.088233
Overweight Permit_str	BOBJ1	181	Before	Interior Girder 5	21	0.95	1	1	5.456082

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Approach, Span 4-6									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Overweight Permit_str	BOBJ1	181	Before	Interior Girder 6	21	0.95	1	1	5.179316
Overweight Permit_str	BOBJ1	181	After	Interior Girder 1	21	0.95	1	1	7.075867
Overweight Permit_str	BOBJ1	181	After	Interior Girder 2	21	0.95	1	1	7.651208
Overweight Permit_str	BOBJ1	181	After	Interior Girder 3	21	0.95	1	1	7.088541
Overweight Permit_str	BOBJ1	181	After	Interior Girder 4	21	0.95	1	1	7.142328
Overweight Permit_str	BOBJ1	181	After	Interior Girder 5	21	0.95	1	1	7.629295
Overweight Permit_str	BOBJ1	181	After	Interior Girder 6	21	0.95	1	1	7.085494
Overweight Permit_str	BOBJ1	184	Before	Left Exterior Girder	24	0.95	1	1	7.359273
Overweight Permit_str	BOBJ1	184	Before	Interior Girder 1	24	0.95	1	1	7.130998
Overweight Permit_str	BOBJ1	184	Before	Interior Girder 2	24	0.95	1	1	7.710144
Overweight Permit_str	BOBJ1	184	Before	Interior Girder 3	24	0.95	1	1	7.143096
Overweight Permit_str	BOBJ1	184	Before	Interior Girder 4	24	0.95	1	1	7.197297
Overweight Permit_str	BOBJ1	184	Before	Interior Girder 5	24	0.95	1	1	7.688062
Overweight Permit_str	BOBJ1	184	Before	Interior Girder 6	24	0.95	1	1	7.140701
Overweight Permit_str	BOBJ1	184	Before	Right Exterior Girder	24	0.95	1	1	7.359273
Overweight Permit_str	BOBJ1	184	After	Left Exterior Girder	24	0.95	1	1	8.741167
Overweight Permit_str	BOBJ1	184	After	Interior Girder 1	24	0.95	1	1	9.696222
Overweight Permit_str	BOBJ1	184	After	Interior Girder 2	24	0.95	1	1	10.539289
Overweight Permit_str	BOBJ1	184	After	Interior Girder 3	24	0.95	1	1	10.242449
Overweight Permit_str	BOBJ1	184	After	Interior Girder 4	24	0.95	1	1	10.310894
Overweight Permit_str	BOBJ1	184	After	Interior Girder 5	24	0.95	1	1	10.672498
Overweight Permit_str	BOBJ1	184	After	Interior Girder 6	24	0.95	1	1	9.694424
Overweight Permit_str	BOBJ1	184	After	Right Exterior Girder	24	0.95	1	1	8.741167
Overweight Permit_str	BOBJ1	192	Before	Left Exterior Girder	32	0.95	1	1	8.87156
Overweight Permit_str	BOBJ1	192	Before	Interior Girder 1	32	0.95	1	1	9.894667
Overweight Permit_str	BOBJ1	192	Before	Interior Girder 2	32	0.95	1	1	10.753115
Overweight Permit_str	BOBJ1	192	Before	Interior Girder 3	32	0.95	1	1	10.450019
Overweight Permit_str	BOBJ1	192	Before	Interior Girder 4	32	0.95	1	1	10.519851
Overweight Permit_str	BOBJ1	192	Before	Interior Girder 5	32	0.95	1	1	10.889027
Overweight Permit_str	BOBJ1	192	Before	Interior Girder 6	32	0.95	1	1	9.892831
Overweight Permit_str	BOBJ1	192	Before	Right Exterior Girder	32	0.95	1	1	8.87156
Overweight Permit_str	BOBJ1	192	After	Left Exterior Girder	32	0.95	1	1	12.653453
Overweight Permit_str	BOBJ1	192	After	Interior Girder 1	32	0.95	1	1	10.767248
Overweight Permit_str	BOBJ1	192	After	Interior Girder 2	32	0.95	1	1	10.211604
Overweight Permit_str	BOBJ1	192	After	Interior Girder 3	32	0.95	1	1	9.779103
Overweight Permit_str	BOBJ1	192	After	Interior Girder 4	32	0.95	1	1	9.919174
Overweight Permit_str	BOBJ1	192	After	Interior Girder 5	32	0.95	1	1	10.570226
Overweight Permit_str	BOBJ1	192	After	Interior Girder 6	32	0.95	1	1	10.803118
Overweight Permit_str	BOBJ1	192	After	Right Exterior Girder	32	0.95	1	1	12.653453
Overweight Permit_str	BOBJ1	200	Before	Left Exterior Girder	40	0.95	1	1	12.836358
Overweight Permit_str	BOBJ1	200	Before	Interior Girder 1	40	0.95	1	1	10.979964
Overweight Permit_str	BOBJ1	200	Before	Interior Girder 2	40	0.95	1	1	10.4132
Overweight Permit_str	BOBJ1	200	Before	Interior Girder 3	40	0.95	1	1	9.971613
Overweight Permit_str	BOBJ1	200	Before	Interior Girder 4	40	0.95	1	1	10.114441
Overweight Permit_str	BOBJ1	200	Before	Interior Girder 5	40	0.95	1	1	10.778903
Overweight Permit_str	BOBJ1	200	Before	Interior Girder 6	40	0.95	1	1	11.016543
Overweight Permit_str	BOBJ1	200	Before	Right Exterior Girder	40	0.95	1	1	12.836358
Overweight Permit_str	BOBJ1	200	After	Left Exterior Girder	40	0.95	1	1	17.535004
Overweight Permit_str	BOBJ1	200	After	Interior Girder 1	40	0.95	1	1	16.868027
Overweight Permit_str	BOBJ1	200	After	Interior Girder 2	40	0.95	1	1	14.633748
Overweight Permit_str	BOBJ1	200	After	Interior Girder 3	40	0.95	1	1	13.422897
Overweight Permit_str	BOBJ1	200	After	Interior Girder 4	40	0.95	1	1	13.684246
Overweight Permit_str	BOBJ1	200	After	Interior Girder 5	40	0.95	1	1	15.256005
Overweight Permit_str	BOBJ1	200	After	Interior Girder 6	40	0.95	1	1	16.922339
Overweight Permit_str	BOBJ1	200	After	Right Exterior Girder	40	0.95	1	1	17.535004
Overweight Permit_str	BOBJ1	208	Before	Left Exterior Girder	48	0.95	1	1	17.779226
Overweight Permit_str	BOBJ1	208	Before	Interior Girder 1	48	0.95	1	1	16.559282
Overweight Permit_str	BOBJ1	208	Before	Interior Girder 2	48	0.95	1	1	14.365241
Overweight Permit_str	BOBJ1	208	Before	Interior Girder 3	48	0.95	1	1	13.176109
Overweight Permit_str	BOBJ1	208	Before	Interior Girder 4	48	0.95	1	1	13.432653
Overweight Permit_str	BOBJ1	208	Before	Interior Girder 5	48	0.95	1	1	14.97608
Overweight Permit_str	BOBJ1	208	Before	Interior Girder 6	48	0.95	1	1	16.637104
Overweight Permit_str	BOBJ1	208	Before	Right Exterior Girder	48	0.95	1	1	17.779226
Overweight Permit_str	BOBJ1	208	After	Left Exterior Girder	48	0.95	1	1	16.500653
Overweight Permit_str	BOBJ1	208	After	Interior Girder 1	48	0.95	1	1	16.362675

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Approach, Span 4-6									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Overweight Permit_str	BOBJ1	208	After	Interior Girder 2	48	0.95	1	1	15.750399
Overweight Permit_str	BOBJ1	208	After	Interior Girder 3	48	0.95	1	1	14.442775
Overweight Permit_str	BOBJ1	208	After	Interior Girder 4	48	0.95	1	1	14.674835
Overweight Permit_str	BOBJ1	208	After	Interior Girder 5	48	0.95	1	1	16.27343
Overweight Permit_str	BOBJ1	208	After	Interior Girder 6	48	0.95	1	1	16.35585
Overweight Permit_str	BOBJ1	208	After	Right Exterior Girder	48	0.95	1	1	16.500653
Overweight Permit_str	BOBJ1	216	Before	Left Exterior Girder	56	0.95	1	1	16.273799
Overweight Permit_str	BOBJ1	216	Before	Interior Girder 1	56	0.95	1	1	16.05306
Overweight Permit_str	BOBJ1	216	Before	Interior Girder 2	56	0.95	1	1	16.044675
Overweight Permit_str	BOBJ1	216	Before	Interior Girder 3	56	0.95	1	1	14.712633
Overweight Permit_str	BOBJ1	216	Before	Interior Girder 4	56	0.95	1	1	14.94903
Overweight Permit_str	BOBJ1	216	Before	Interior Girder 5	56	0.95	1	1	16.577478
Overweight Permit_str	BOBJ1	216	Before	Interior Girder 6	56	0.95	1	1	16.046364
Overweight Permit_str	BOBJ1	216	Before	Right Exterior Girder	56	0.95	1	1	16.273799
Overweight Permit_str	BOBJ1	216	After	Left Exterior Girder	56	0.95	1	1	12.806383
Overweight Permit_str	BOBJ1	216	After	Interior Girder 1	56	0.95	1	1	10.872831
Overweight Permit_str	BOBJ1	216	After	Interior Girder 2	56	0.95	1	1	10.63852
Overweight Permit_str	BOBJ1	216	After	Interior Girder 3	56	0.95	1	1	10.105452
Overweight Permit_str	BOBJ1	216	After	Interior Girder 4	56	0.95	1	1	10.199134
Overweight Permit_str	BOBJ1	216	After	Interior Girder 5	56	0.95	1	1	10.925544
Overweight Permit_str	BOBJ1	216	After	Interior Girder 6	56	0.95	1	1	10.909177
Overweight Permit_str	BOBJ1	216	After	Right Exterior Girder	56	0.95	1	1	12.806383
Overweight Permit_str	BOBJ1	224	Before	Left Exterior Girder	64	0.95	1	1	12.623718
Overweight Permit_str	BOBJ1	224	Before	Interior Girder 1	64	0.95	1	1	10.662053
Overweight Permit_str	BOBJ1	224	Before	Interior Girder 2	64	0.95	1	1	10.4325
Overweight Permit_str	BOBJ1	224	Before	Interior Girder 3	64	0.95	1	1	9.909832
Overweight Permit_str	BOBJ1	224	Before	Interior Girder 4	64	0.95	1	1	10.0017
Overweight Permit_str	BOBJ1	224	Before	Interior Girder 5	64	0.95	1	1	10.713966
Overweight Permit_str	BOBJ1	224	Before	Interior Girder 6	64	0.95	1	1	10.697694
Overweight Permit_str	BOBJ1	224	Before	Right Exterior Girder	64	0.95	1	1	12.623718
Overweight Permit_str	BOBJ1	224	After	Left Exterior Girder	64	0.95	1	1	9.128803
Overweight Permit_str	BOBJ1	224	After	Interior Girder 1	64	0.95	1	1	9.913485
Overweight Permit_str	BOBJ1	224	After	Interior Girder 2	64	0.95	1	1	10.68014
Overweight Permit_str	BOBJ1	224	After	Interior Girder 3	64	0.95	1	1	10.003893
Overweight Permit_str	BOBJ1	224	After	Interior Girder 4	64	0.95	1	1	10.104093
Overweight Permit_str	BOBJ1	224	After	Interior Girder 5	64	0.95	1	1	10.781484
Overweight Permit_str	BOBJ1	224	After	Interior Girder 6	64	0.95	1	1	9.913196
Overweight Permit_str	BOBJ1	224	After	Right Exterior Girder	64	0.95	1	1	9.128803
Overweight Permit_str	BOBJ1	232	Before	Left Exterior Girder	72	0.95	1	1	8.994011
Overweight Permit_str	BOBJ1	232	Before	Interior Girder 1	72	0.95	1	1	9.715285
Overweight Permit_str	BOBJ1	232	Before	Interior Girder 2	72	0.95	1	1	10.468227
Overweight Permit_str	BOBJ1	232	Before	Interior Girder 3	72	0.95	1	1	9.804112
Overweight Permit_str	BOBJ1	232	Before	Interior Girder 4	72	0.95	1	1	9.902312
Overweight Permit_str	BOBJ1	232	Before	Interior Girder 5	72	0.95	1	1	10.56756
Overweight Permit_str	BOBJ1	232	Before	Interior Girder 6	72	0.95	1	1	9.715002
Overweight Permit_str	BOBJ1	232	Before	Right Exterior Girder	72	0.95	1	1	8.994011
Overweight Permit_str	BOBJ1	232	After	Left Exterior Girder	72	0.95	1	1	7.541981
Overweight Permit_str	BOBJ1	232	After	Interior Girder 1	72	0.95	1	1	6.882019
Overweight Permit_str	BOBJ1	232	After	Interior Girder 2	72	0.95	1	1	7.104648
Overweight Permit_str	BOBJ1	232	After	Interior Girder 3	72	0.95	1	1	6.283583
Overweight Permit_str	BOBJ1	232	After	Interior Girder 4	72	0.95	1	1	6.33169
Overweight Permit_str	BOBJ1	232	After	Interior Girder 5	72	0.95	1	1	7.084612
Overweight Permit_str	BOBJ1	232	After	Interior Girder 6	72	0.95	1	1	6.904728
Overweight Permit_str	BOBJ1	232	After	Right Exterior Girder	72	0.95	1	1	7.541981
Overweight Permit_str	BOBJ1	240	Before	Left Exterior Girder	80	0.95	1	1	7.425934
Overweight Permit_str	BOBJ1	240	Before	Interior Girder 1	80	0.95	1	1	6.741044
Overweight Permit_str	BOBJ1	240	Before	Interior Girder 2	80	0.95	1	1	6.959972
Overweight Permit_str	BOBJ1	240	Before	Interior Girder 3	80	0.95	1	1	6.154478
Overweight Permit_str	BOBJ1	240	Before	Interior Girder 4	80	0.95	1	1	6.201597
Overweight Permit_str	BOBJ1	240	Before	Interior Girder 5	80	0.95	1	1	6.940344
Overweight Permit_str	BOBJ1	240	Before	Interior Girder 6	80	0.95	1	1	6.763289
Overweight Permit_str	BOBJ1	240	Before	Right Exterior Girder	80	0.95	1	1	7.425934

TABLE: Bridge Super Rating AASHTORATE18 31 - SteelICompServ-Flx - Approach, Span 4-6										
Request	BridgeObj	BridgeCut	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	Unitless	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
HL93_serv_opr	BOBJ1	1	0	After	Left Exterior Girder	0	0.95	1	1	435.11281
HL93_serv_opr	BOBJ1	1	0	After	Interior Girder 1	0	0.95	1	1	450.581336
HL93_serv_opr	BOBJ1	1	0	After	Interior Girder 2	0	0.95	1	1	369.063748
HL93_serv_opr	BOBJ1	1	0	After	Interior Girder 3	0	0.95	1	1	233.873197
HL93_serv_opr	BOBJ1	1	0	After	Interior Girder 4	0	0.95	1	1	235.559947
HL93_serv_opr	BOBJ1	1	0	After	Interior Girder 5	0	0.95	1	1	362.834182
HL93_serv_opr	BOBJ1	1	0	After	Interior Girder 6	0	0.95	1	1	435.41526
HL93_serv_opr	BOBJ1	1	0	After	Right Exterior Girder	0	0.95	1	1	436.625012
HL93_serv_opr	BOBJ1	2	8	Before	Left Exterior Girder	8	0.95	1	1	7.050588
HL93_serv_opr	BOBJ1	2	8	Before	Interior Girder 1	8	0.95	1	1	6.680492
HL93_serv_opr	BOBJ1	2	8	Before	Interior Girder 2	8	0.95	1	1	6.405697
HL93_serv_opr	BOBJ1	2	8	Before	Interior Girder 3	8	0.95	1	1	6.02761
HL93_serv_opr	BOBJ1	2	8	Before	Interior Girder 4	8	0.95	1	1	6.054391
HL93_serv_opr	BOBJ1	2	8	Before	Interior Girder 5	8	0.95	1	1	6.372923
HL93_serv_opr	BOBJ1	2	8	Before	Interior Girder 6	8	0.95	1	1	6.712039
HL93_serv_opr	BOBJ1	2	8	Before	Right Exterior Girder	8	0.95	1	1	7.063358
HL93_serv_opr	BOBJ1	3	8	After	Left Exterior Girder	8	0.95	1	1	7.08661
HL93_serv_opr	BOBJ1	3	8	After	Interior Girder 1	8	0.95	1	1	6.633489
HL93_serv_opr	BOBJ1	3	8	After	Interior Girder 2	8	0.95	1	1	6.526799
HL93_serv_opr	BOBJ1	3	8	After	Interior Girder 3	8	0.95	1	1	6.297534
HL93_serv_opr	BOBJ1	3	8	After	Interior Girder 4	8	0.95	1	1	6.323694
HL93_serv_opr	BOBJ1	3	8	After	Interior Girder 5	8	0.95	1	1	6.496349
HL93_serv_opr	BOBJ1	3	8	After	Interior Girder 6	8	0.95	1	1	6.661654
HL93_serv_opr	BOBJ1	3	8	After	Right Exterior Girder	8	0.95	1	1	7.097337
HL93_serv_opr	BOBJ1	4	16	Before	Left Exterior Girder	16	0.95	1	1	3.7461
HL93_serv_opr	BOBJ1	4	16	Before	Interior Girder 1	16	0.95	1	1	4.007227
HL93_serv_opr	BOBJ1	4	16	Before	Interior Girder 2	16	0.95	1	1	3.876179
HL93_serv_opr	BOBJ1	4	16	Before	Interior Girder 3	16	0.95	1	1	3.899507
HL93_serv_opr	BOBJ1	4	16	Before	Interior Girder 4	16	0.95	1	1	3.896002
HL93_serv_opr	BOBJ1	4	16	Before	Interior Girder 5	16	0.95	1	1	3.873746
HL93_serv_opr	BOBJ1	4	16	Before	Interior Girder 6	16	0.95	1	1	4.007063
HL93_serv_opr	BOBJ1	4	16	Before	Right Exterior Girder	16	0.95	1	1	3.753469
HL93_serv_opr	BOBJ1	5	16	After	Left Exterior Girder	16	0.95	1	1	3.789249
HL93_serv_opr	BOBJ1	5	16	After	Interior Girder 1	16	0.95	1	1	3.936579
HL93_serv_opr	BOBJ1	5	16	After	Interior Girder 2	16	0.95	1	1	3.889296
HL93_serv_opr	BOBJ1	5	16	After	Interior Girder 3	16	0.95	1	1	3.95666
HL93_serv_opr	BOBJ1	5	16	After	Interior Girder 4	16	0.95	1	1	3.956598
HL93_serv_opr	BOBJ1	5	16	After	Interior Girder 5	16	0.95	1	1	3.889421
HL93_serv_opr	BOBJ1	5	16	After	Interior Girder 6	16	0.95	1	1	3.936512
HL93_serv_opr	BOBJ1	5	16	After	Right Exterior Girder	16	0.95	1	1	3.796131
HL93_serv_opr	BOBJ1	6	20.5	Before	Left Exterior Girder	20.5	0.95	1	1	3.233955
HL93_serv_opr	BOBJ1	6	20.5	Before	Right Exterior Girder	20.5	0.95	1	1	3.239483
HL93_serv_opr	BOBJ1	7	20.5	After	Left Exterior Girder	20.5	0.95	1	1	3.86752
HL93_serv_opr	BOBJ1	7	20.5	After	Right Exterior Girder	20.5	0.95	1	1	3.873905
HL93_serv_opr	BOBJ1	8	24	Before	Left Exterior Girder	24	0.95	1	1	3.519386
HL93_serv_opr	BOBJ1	8	24	Before	Interior Girder 1	24	0.95	1	1	2.930945
HL93_serv_opr	BOBJ1	8	24	Before	Interior Girder 2	24	0.95	1	1	2.929814
HL93_serv_opr	BOBJ1	8	24	Before	Interior Girder 3	24	0.95	1	1	2.994216
HL93_serv_opr	BOBJ1	8	24	Before	Interior Girder 4	24	0.95	1	1	2.997802
HL93_serv_opr	BOBJ1	8	24	Before	Interior Girder 5	24	0.95	1	1	2.922285
HL93_serv_opr	BOBJ1	8	24	Before	Interior Girder 6	24	0.95	1	1	2.936529
HL93_serv_opr	BOBJ1	8	24	Before	Right Exterior Girder	24	0.95	1	1	3.524552
HL93_serv_opr	BOBJ1	9	24	After	Left Exterior Girder	24	0.95	1	1	3.501233
HL93_serv_opr	BOBJ1	9	24	After	Interior Girder 1	24	0.95	1	1	2.944279
HL93_serv_opr	BOBJ1	9	24	After	Interior Girder 2	24	0.95	1	1	2.934604
HL93_serv_opr	BOBJ1	9	24	After	Interior Girder 3	24	0.95	1	1	3.021877
HL93_serv_opr	BOBJ1	9	24	After	Interior Girder 4	24	0.95	1	1	3.02785
HL93_serv_opr	BOBJ1	9	24	After	Interior Girder 5	24	0.95	1	1	2.926929
HL93_serv_opr	BOBJ1	9	24	After	Interior Girder 6	24	0.95	1	1	2.948982
HL93_serv_opr	BOBJ1	9	24	After	Right Exterior Girder	24	0.95	1	1	3.506027
HL93_serv_opr	BOBJ1	10	32	Before	Left Exterior Girder	32	0.95	1	1	3.041858
HL93_serv_opr	BOBJ1	10	32	Before	Interior Girder 1	32	0.95	1	1	2.742736
HL93_serv_opr	BOBJ1	10	32	Before	Interior Girder 2	32	0.95	1	1	2.757475
HL93_serv_opr	BOBJ1	10	32	Before	Interior Girder 3	32	0.95	1	1	2.801516
HL93_serv_opr	BOBJ1	10	32	Before	Interior Girder 4	32	0.95	1	1	2.801644
HL93_serv_opr	BOBJ1	10	32	Before	Interior Girder 5	32	0.95	1	1	2.756717
HL93_serv_opr	BOBJ1	10	32	Before	Interior Girder 6	32	0.95	1	1	2.741943
HL93_serv_opr	BOBJ1	10	32	Before	Right Exterior Girder	32	0.95	1	1	3.047019
HL93_serv_opr	BOBJ1	11	32	After	Left Exterior Girder	32	0.95	1	1	3.050903
HL93_serv_opr	BOBJ1	11	32	After	Interior Girder 1	32	0.95	1	1	2.742339
HL93_serv_opr	BOBJ1	11	32	After	Interior Girder 2	32	0.95	1	1	2.753819
HL93_serv_opr	BOBJ1	11	32	After	Interior Girder 3	32	0.95	1	1	2.802995
HL93_serv_opr	BOBJ1	11	32	After	Interior Girder 4	32	0.95	1	1	2.8037

TABLE: Bridge Super Rating AASHTORATE18 31 - SteelICompServ-Flx - Approach, Span 4-6										
Request	BridgeObj	BridgeCut	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	Unitless	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
HL93_serv_opr	BOBJ1	11	32	After	Interior Girder 5	32	0.95	1	1	2.753471
HL93_serv_opr	BOBJ1	11	32	After	Interior Girder 6	32	0.95	1	1	2.74165
HL93_serv_opr	BOBJ1	11	32	After	Right Exterior Girder	32	0.95	1	1	3.055938
HL93_serv_opr	BOBJ1	12	40	Before	Left Exterior Girder	40	0.95	1	1	3.198693
HL93_serv_opr	BOBJ1	12	40	Before	Interior Girder 1	40	0.95	1	1	2.764733
HL93_serv_opr	BOBJ1	12	40	Before	Interior Girder 2	40	0.95	1	1	2.791201
HL93_serv_opr	BOBJ1	12	40	Before	Interior Girder 3	40	0.95	1	1	2.858657
HL93_serv_opr	BOBJ1	12	40	Before	Interior Girder 4	40	0.95	1	1	2.865049
HL93_serv_opr	BOBJ1	12	40	Before	Interior Girder 5	40	0.95	1	1	2.785751
HL93_serv_opr	BOBJ1	12	40	Before	Interior Girder 6	40	0.95	1	1	2.768394
HL93_serv_opr	BOBJ1	12	40	Before	Right Exterior Girder	40	0.95	1	1	3.203201
HL93_serv_opr	BOBJ1	13	40	After	Left Exterior Girder	40	0.95	1	1	3.208017
HL93_serv_opr	BOBJ1	13	40	After	Interior Girder 1	40	0.95	1	1	2.767226
HL93_serv_opr	BOBJ1	13	40	After	Interior Girder 2	40	0.95	1	1	2.777474
HL93_serv_opr	BOBJ1	13	40	After	Interior Girder 3	40	0.95	1	1	2.845636
HL93_serv_opr	BOBJ1	13	40	After	Interior Girder 4	40	0.95	1	1	2.84934
HL93_serv_opr	BOBJ1	13	40	After	Interior Girder 5	40	0.95	1	1	2.771363
HL93_serv_opr	BOBJ1	13	40	After	Interior Girder 6	40	0.95	1	1	2.771048
HL93_serv_opr	BOBJ1	13	40	After	Right Exterior Girder	40	0.95	1	1	3.212664
HL93_serv_opr	BOBJ1	14	46.5	Before	Left Exterior Girder	46.5	0.95	1	1	3.452321
HL93_serv_opr	BOBJ1	14	46.5	Before	Right Exterior Girder	46.5	0.95	1	1	3.457649
HL93_serv_opr	BOBJ1	15	46.5	After	Left Exterior Girder	46.5	0.95	1	1	2.97293
HL93_serv_opr	BOBJ1	15	46.5	After	Right Exterior Girder	46.5	0.95	1	1	2.977656
HL93_serv_opr	BOBJ1	16	48	Before	Left Exterior Girder	48	0.95	1	1	3.049385
HL93_serv_opr	BOBJ1	16	48	Before	Interior Girder 1	48	0.95	1	1	3.320298
HL93_serv_opr	BOBJ1	16	48	Before	Interior Girder 2	48	0.95	1	1	3.379767
HL93_serv_opr	BOBJ1	16	48	Before	Interior Girder 3	48	0.95	1	1	3.421419
HL93_serv_opr	BOBJ1	16	48	Before	Interior Girder 4	48	0.95	1	1	3.423642
HL93_serv_opr	BOBJ1	16	48	Before	Interior Girder 5	48	0.95	1	1	3.381546
HL93_serv_opr	BOBJ1	16	48	Before	Interior Girder 6	48	0.95	1	1	3.319333
HL93_serv_opr	BOBJ1	16	48	Before	Right Exterior Girder	48	0.95	1	1	3.054332
HL93_serv_opr	BOBJ1	17	48	After	Left Exterior Girder	48	0.95	1	1	3.036503
HL93_serv_opr	BOBJ1	17	48	After	Interior Girder 1	48	0.95	1	1	3.357601
HL93_serv_opr	BOBJ1	17	48	After	Interior Girder 2	48	0.95	1	1	3.379541
HL93_serv_opr	BOBJ1	17	48	After	Interior Girder 3	48	0.95	1	1	3.412212
HL93_serv_opr	BOBJ1	17	48	After	Interior Girder 4	48	0.95	1	1	3.413593
HL93_serv_opr	BOBJ1	17	48	After	Interior Girder 5	48	0.95	1	1	3.378819
HL93_serv_opr	BOBJ1	17	48	After	Interior Girder 6	48	0.95	1	1	3.356532
HL93_serv_opr	BOBJ1	17	48	After	Right Exterior Girder	48	0.95	1	1	3.041939
HL93_serv_opr	BOBJ1	18	56	Before	Left Exterior Girder	56	0.95	1	1	4.140201
HL93_serv_opr	BOBJ1	18	56	Before	Interior Girder 1	56	0.95	1	1	4.562187
HL93_serv_opr	BOBJ1	18	56	Before	Interior Girder 2	56	0.95	1	1	4.483239
HL93_serv_opr	BOBJ1	18	56	Before	Interior Girder 3	56	0.95	1	1	4.620059
HL93_serv_opr	BOBJ1	18	56	Before	Interior Girder 4	56	0.95	1	1	4.642746
HL93_serv_opr	BOBJ1	18	56	Before	Interior Girder 5	56	0.95	1	1	4.474076
HL93_serv_opr	BOBJ1	18	56	Before	Interior Girder 6	56	0.95	1	1	4.571974
HL93_serv_opr	BOBJ1	18	56	Before	Right Exterior Girder	56	0.95	1	1	4.145412
HL93_serv_opr	BOBJ1	19	56	After	Left Exterior Girder	56	0.95	1	1	4.109674
HL93_serv_opr	BOBJ1	19	56	After	Interior Girder 1	56	0.95	1	1	4.620793
HL93_serv_opr	BOBJ1	19	56	After	Interior Girder 2	56	0.95	1	1	4.463709
HL93_serv_opr	BOBJ1	19	56	After	Interior Girder 3	56	0.95	1	1	4.553461
HL93_serv_opr	BOBJ1	19	56	After	Interior Girder 4	56	0.95	1	1	4.563591
HL93_serv_opr	BOBJ1	19	56	After	Interior Girder 5	56	0.95	1	1	4.450804
HL93_serv_opr	BOBJ1	19	56	After	Interior Girder 6	56	0.95	1	1	4.63112
HL93_serv_opr	BOBJ1	19	56	After	Right Exterior Girder	56	0.95	1	1	4.115478
HL93_serv_opr	BOBJ1	20	59	Before	Interior Girder 1	59	0.95	1	1	5.577369
HL93_serv_opr	BOBJ1	20	59	Before	Interior Girder 2	59	0.95	1	1	5.314196
HL93_serv_opr	BOBJ1	20	59	Before	Interior Girder 3	59	0.95	1	1	5.435793
HL93_serv_opr	BOBJ1	20	59	Before	Interior Girder 4	59	0.95	1	1	5.458424
HL93_serv_opr	BOBJ1	20	59	Before	Interior Girder 5	59	0.95	1	1	5.300785
HL93_serv_opr	BOBJ1	20	59	Before	Interior Girder 6	59	0.95	1	1	5.589992
HL93_serv_opr	BOBJ1	21	59	After	Interior Girder 1	59	0.95	1	1	3.202422
HL93_serv_opr	BOBJ1	21	59	After	Interior Girder 2	59	0.95	1	1	3.077791
HL93_serv_opr	BOBJ1	21	59	After	Interior Girder 3	59	0.95	1	1	3.066514
HL93_serv_opr	BOBJ1	21	59	After	Interior Girder 4	59	0.95	1	1	3.07775
HL93_serv_opr	BOBJ1	21	59	After	Interior Girder 5	59	0.95	1	1	3.070119
HL93_serv_opr	BOBJ1	21	59	After	Interior Girder 6	59	0.95	1	1	3.209593
HL93_serv_opr	BOBJ1	22	64	Before	Left Exterior Girder	64	0.95	1	1	6.300047
HL93_serv_opr	BOBJ1	22	64	Before	Interior Girder 1	64	0.95	1	1	3.897125
HL93_serv_opr	BOBJ1	22	64	Before	Interior Girder 2	64	0.95	1	1	3.952173
HL93_serv_opr	BOBJ1	22	64	Before	Interior Girder 3	64	0.95	1	1	4.107005
HL93_serv_opr	BOBJ1	22	64	Before	Interior Girder 4	64	0.95	1	1	4.10429
HL93_serv_opr	BOBJ1	22	64	Before	Interior Girder 5	64	0.95	1	1	3.94684

TABLE: Bridge Super Rating AASHTORATE18 31 - SteelICompServ-Flx - Approach, Span 4-6										
Request	BridgeObj	BridgeCut	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	Unitless	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
HL93_serv_opr	BOBJ1	22	64	Before	Interior Girder 6	64	0.95	1	1	3.898247
HL93_serv_opr	BOBJ1	22	64	Before	Right Exterior Girder	64	0.95	1	1	6.309727
HL93_serv_opr	BOBJ1	23	64	After	Left Exterior Girder	64	0.95	1	1	6.338742
HL93_serv_opr	BOBJ1	23	64	After	Interior Girder 1	64	0.95	1	1	3.866856
HL93_serv_opr	BOBJ1	23	64	After	Interior Girder 2	64	0.95	1	1	3.929912
HL93_serv_opr	BOBJ1	23	64	After	Interior Girder 3	64	0.95	1	1	4.110722
HL93_serv_opr	BOBJ1	23	64	After	Interior Girder 4	64	0.95	1	1	4.107991
HL93_serv_opr	BOBJ1	23	64	After	Interior Girder 5	64	0.95	1	1	3.925279
HL93_serv_opr	BOBJ1	23	64	After	Interior Girder 6	64	0.95	1	1	3.867791
HL93_serv_opr	BOBJ1	23	64	After	Right Exterior Girder	64	0.95	1	1	6.348851
HL93_serv_opr	BOBJ1	24	69	Before	Interior Girder 1	69	0.95	1	1	2.901952
HL93_serv_opr	BOBJ1	24	69	Before	Interior Girder 2	69	0.95	1	1	2.919671
HL93_serv_opr	BOBJ1	24	69	Before	Interior Girder 3	69	0.95	1	1	2.884022
HL93_serv_opr	BOBJ1	24	69	Before	Interior Girder 4	69	0.95	1	1	2.881847
HL93_serv_opr	BOBJ1	24	69	Before	Interior Girder 5	69	0.95	1	1	2.914903
HL93_serv_opr	BOBJ1	24	69	Before	Interior Girder 6	69	0.95	1	1	2.904234
HL93_serv_opr	BOBJ1	25	69	After	Interior Girder 1	69	0.95	1	1	6.117644
HL93_serv_opr	BOBJ1	25	69	After	Interior Girder 2	69	0.95	1	1	6.082784
HL93_serv_opr	BOBJ1	25	69	After	Interior Girder 3	69	0.95	1	1	6.067758
HL93_serv_opr	BOBJ1	25	69	After	Interior Girder 4	69	0.95	1	1	6.06367
HL93_serv_opr	BOBJ1	25	69	After	Interior Girder 5	69	0.95	1	1	6.074792
HL93_serv_opr	BOBJ1	25	69	After	Interior Girder 6	69	0.95	1	1	6.121902
HL93_serv_opr	BOBJ1	26	72	Before	Left Exterior Girder	72	0.95	1	1	4.416372
HL93_serv_opr	BOBJ1	26	72	Before	Interior Girder 1	72	0.95	1	1	5.276505
HL93_serv_opr	BOBJ1	26	72	Before	Interior Girder 2	72	0.95	1	1	5.212933
HL93_serv_opr	BOBJ1	26	72	Before	Interior Girder 3	72	0.95	1	1	5.046662
HL93_serv_opr	BOBJ1	26	72	Before	Interior Girder 4	72	0.95	1	1	5.042775
HL93_serv_opr	BOBJ1	26	72	Before	Interior Girder 5	72	0.95	1	1	5.203702
HL93_serv_opr	BOBJ1	26	72	Before	Interior Girder 6	72	0.95	1	1	5.281622
HL93_serv_opr	BOBJ1	26	72	Before	Right Exterior Girder	72	0.95	1	1	4.426819
HL93_serv_opr	BOBJ1	27	72	After	Left Exterior Girder	72	0.95	1	1	4.46296
HL93_serv_opr	BOBJ1	27	72	After	Interior Girder 1	72	0.95	1	1	5.204293
HL93_serv_opr	BOBJ1	27	72	After	Interior Girder 2	72	0.95	1	1	5.166425
HL93_serv_opr	BOBJ1	27	72	After	Interior Girder 3	72	0.95	1	1	5.031436
HL93_serv_opr	BOBJ1	27	72	After	Interior Girder 4	72	0.95	1	1	5.028125
HL93_serv_opr	BOBJ1	27	72	After	Interior Girder 5	72	0.95	1	1	5.156255
HL93_serv_opr	BOBJ1	27	72	After	Interior Girder 6	72	0.95	1	1	5.209685
HL93_serv_opr	BOBJ1	27	72	After	Right Exterior Girder	72	0.95	1	1	4.473292
HL93_serv_opr	BOBJ1	28	72.5	Before	Left Exterior Girder	72.5	0.95	1	1	4.284525
HL93_serv_opr	BOBJ1	28	72.5	Before	Right Exterior Girder	72.5	0.95	1	1	4.294256
HL93_serv_opr	BOBJ1	29	72.5	After	Left Exterior Girder	72.5	0.95	1	1	6.402156
HL93_serv_opr	BOBJ1	29	72.5	After	Right Exterior Girder	72.5	0.95	1	1	6.416655
HL93_serv_opr	BOBJ1	30	80	Before	Left Exterior Girder	80	0.95	1	1	4.105892
HL93_serv_opr	BOBJ1	30	80	Before	Interior Girder 1	80	0.95	1	1	3.173456
HL93_serv_opr	BOBJ1	30	80	Before	Interior Girder 2	80	0.95	1	1	3.066051
HL93_serv_opr	BOBJ1	30	80	Before	Interior Girder 3	80	0.95	1	1	2.626261
HL93_serv_opr	BOBJ1	30	80	Before	Interior Girder 4	80	0.95	1	1	2.6269
HL93_serv_opr	BOBJ1	30	80	Before	Interior Girder 5	80	0.95	1	1	3.055021
HL93_serv_opr	BOBJ1	30	80	Before	Interior Girder 6	80	0.95	1	1	3.182402
HL93_serv_opr	BOBJ1	30	80	Before	Right Exterior Girder	80	0.95	1	1	4.116521
HL93_serv_opr	BOBJ1	31	80	After	Left Exterior Girder	0	0.95	1	1	4.009348
HL93_serv_opr	BOBJ1	31	80	After	Interior Girder 1	0	0.95	1	1	3.118317
HL93_serv_opr	BOBJ1	31	80	After	Interior Girder 2	0	0.95	1	1	3.049416
HL93_serv_opr	BOBJ1	31	80	After	Interior Girder 3	0	0.95	1	1	2.607082
HL93_serv_opr	BOBJ1	31	80	After	Interior Girder 4	0	0.95	1	1	2.608385
HL93_serv_opr	BOBJ1	31	80	After	Interior Girder 5	0	0.95	1	1	3.036438
HL93_serv_opr	BOBJ1	31	80	After	Interior Girder 6	0	0.95	1	1	3.128186
HL93_serv_opr	BOBJ1	31	80	After	Right Exterior Girder	0	0.95	1	1	4.019947
HL93_serv_opr	BOBJ1	32	87.5	Before	Left Exterior Girder	7.5	0.95	1	1	6.546702
HL93_serv_opr	BOBJ1	32	87.5	Before	Right Exterior Girder	7.5	0.95	1	1	6.560994
HL93_serv_opr	BOBJ1	33	87.5	After	Left Exterior Girder	7.5	0.95	1	1	4.322389
HL93_serv_opr	BOBJ1	33	87.5	After	Right Exterior Girder	7.5	0.95	1	1	4.331894
HL93_serv_opr	BOBJ1	34	88	Before	Left Exterior Girder	8	0.95	1	1	4.482607
HL93_serv_opr	BOBJ1	34	88	Before	Interior Girder 1	8	0.95	1	1	5.035917
HL93_serv_opr	BOBJ1	34	88	Before	Interior Girder 2	8	0.95	1	1	4.966892
HL93_serv_opr	BOBJ1	34	88	Before	Interior Girder 3	8	0.95	1	1	4.800501
HL93_serv_opr	BOBJ1	34	88	Before	Interior Girder 4	8	0.95	1	1	4.797634
HL93_serv_opr	BOBJ1	34	88	Before	Interior Girder 5	8	0.95	1	1	4.959343
HL93_serv_opr	BOBJ1	34	88	Before	Interior Girder 6	8	0.95	1	1	5.04313
HL93_serv_opr	BOBJ1	34	88	Before	Right Exterior Girder	8	0.95	1	1	4.492546
HL93_serv_opr	BOBJ1	35	88	After	Left Exterior Girder	8	0.95	1	1	4.479854
HL93_serv_opr	BOBJ1	35	88	After	Interior Girder 1	8	0.95	1	1	5.061446
HL93_serv_opr	BOBJ1	35	88	After	Interior Girder 2	8	0.95	1	1	5.010548

TABLE: Bridge Super Rating AASHTORATE18 31 - SteelICompServ-Flx - Approach, Span 4-6										
Request	BridgeObj	BridgeCut	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	Unitless	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
HL93_serv_opr	BOBJ1	35	88	After	Interior Girder 3	8	0.95	1	1	4.813583
HL93_serv_opr	BOBJ1	35	88	After	Interior Girder 4	8	0.95	1	1	4.810096
HL93_serv_opr	BOBJ1	35	88	After	Interior Girder 5	8	0.95	1	1	5.002362
HL93_serv_opr	BOBJ1	35	88	After	Interior Girder 6	8	0.95	1	1	5.0677
HL93_serv_opr	BOBJ1	35	88	After	Right Exterior Girder	8	0.95	1	1	4.490073
HL93_serv_opr	BOBJ1	36	91	Before	Interior Girder 1	11	0.95	1	1	5.788107
HL93_serv_opr	BOBJ1	36	91	Before	Interior Girder 2	11	0.95	1	1	5.803218
HL93_serv_opr	BOBJ1	36	91	Before	Interior Girder 3	11	0.95	1	1	5.754292
HL93_serv_opr	BOBJ1	36	91	Before	Interior Girder 4	11	0.95	1	1	5.750294
HL93_serv_opr	BOBJ1	36	91	Before	Interior Girder 5	11	0.95	1	1	5.792591
HL93_serv_opr	BOBJ1	36	91	Before	Interior Girder 6	11	0.95	1	1	5.793341
HL93_serv_opr	BOBJ1	37	91	After	Interior Girder 1	11	0.95	1	1	2.554183
HL93_serv_opr	BOBJ1	37	91	After	Interior Girder 2	11	0.95	1	1	2.598215
HL93_serv_opr	BOBJ1	37	91	After	Interior Girder 3	11	0.95	1	1	2.551665
HL93_serv_opr	BOBJ1	37	91	After	Interior Girder 4	11	0.95	1	1	2.550029
HL93_serv_opr	BOBJ1	37	91	After	Interior Girder 5	11	0.95	1	1	2.593509
HL93_serv_opr	BOBJ1	37	91	After	Interior Girder 6	11	0.95	1	1	2.556628
HL93_serv_opr	BOBJ1	38	96	Before	Left Exterior Girder	16	0.95	1	1	6.783693
HL93_serv_opr	BOBJ1	38	96	Before	Interior Girder 1	16	0.95	1	1	3.365492
HL93_serv_opr	BOBJ1	38	96	Before	Interior Girder 2	16	0.95	1	1	3.472323
HL93_serv_opr	BOBJ1	38	96	Before	Interior Girder 3	16	0.95	1	1	3.648539
HL93_serv_opr	BOBJ1	38	96	Before	Interior Girder 4	16	0.95	1	1	3.646441
HL93_serv_opr	BOBJ1	38	96	Before	Interior Girder 5	16	0.95	1	1	3.46811
HL93_serv_opr	BOBJ1	38	96	Before	Interior Girder 6	16	0.95	1	1	3.366573
HL93_serv_opr	BOBJ1	38	96	Before	Right Exterior Girder	16	0.95	1	1	6.793155
HL93_serv_opr	BOBJ1	39	96	After	Left Exterior Girder	16	0.95	1	1	3.199047
HL93_serv_opr	BOBJ1	39	96	After	Interior Girder 1	16	0.95	1	1	3.4098
HL93_serv_opr	BOBJ1	39	96	After	Interior Girder 2	16	0.95	1	1	3.482304
HL93_serv_opr	BOBJ1	39	96	After	Interior Girder 3	16	0.95	1	1	3.624072
HL93_serv_opr	BOBJ1	39	96	After	Interior Girder 4	16	0.95	1	1	3.62191
HL93_serv_opr	BOBJ1	39	96	After	Interior Girder 5	16	0.95	1	1	3.477367
HL93_serv_opr	BOBJ1	39	96	After	Interior Girder 6	16	0.95	1	1	3.410941
HL93_serv_opr	BOBJ1	39	96	After	Right Exterior Girder	16	0.95	1	1	3.203581
HL93_serv_opr	BOBJ1	40	104	Before	Left Exterior Girder	24	0.95	1	1	4.625435
HL93_serv_opr	BOBJ1	40	104	Before	Interior Girder 1	24	0.95	1	1	4.037645
HL93_serv_opr	BOBJ1	40	104	Before	Interior Girder 2	24	0.95	1	1	3.877366
HL93_serv_opr	BOBJ1	40	104	Before	Interior Girder 3	24	0.95	1	1	3.856753
HL93_serv_opr	BOBJ1	40	104	Before	Interior Girder 4	24	0.95	1	1	3.875691
HL93_serv_opr	BOBJ1	40	104	Before	Interior Girder 5	24	0.95	1	1	3.867505
HL93_serv_opr	BOBJ1	40	104	Before	Interior Girder 6	24	0.95	1	1	4.048761
HL93_serv_opr	BOBJ1	40	104	Before	Right Exterior Girder	24	0.95	1	1	4.632814
HL93_serv_opr	BOBJ1	41	104	After	Left Exterior Girder	24	0.95	1	1	4.663096
HL93_serv_opr	BOBJ1	41	104	After	Interior Girder 1	24	0.95	1	1	3.970924
HL93_serv_opr	BOBJ1	41	104	After	Interior Girder 2	24	0.95	1	1	3.875195
HL93_serv_opr	BOBJ1	41	104	After	Interior Girder 3	24	0.95	1	1	3.919143
HL93_serv_opr	BOBJ1	41	104	After	Interior Girder 4	24	0.95	1	1	3.943632
HL93_serv_opr	BOBJ1	41	104	After	Interior Girder 5	24	0.95	1	1	3.869731
HL93_serv_opr	BOBJ1	41	104	After	Interior Girder 6	24	0.95	1	1	3.981414
HL93_serv_opr	BOBJ1	41	104	After	Right Exterior Girder	24	0.95	1	1	4.668219
HL93_serv_opr	BOBJ1	42	112	Before	Left Exterior Girder	32	0.95	1	1	3.044457
HL93_serv_opr	BOBJ1	42	112	Before	Interior Girder 1	32	0.95	1	1	3.082983
HL93_serv_opr	BOBJ1	42	112	Before	Interior Girder 2	32	0.95	1	1	3.080908
HL93_serv_opr	BOBJ1	42	112	Before	Interior Girder 3	32	0.95	1	1	3.103008
HL93_serv_opr	BOBJ1	42	112	Before	Interior Girder 4	32	0.95	1	1	3.10475
HL93_serv_opr	BOBJ1	42	112	Before	Interior Girder 5	32	0.95	1	1	3.083722
HL93_serv_opr	BOBJ1	42	112	Before	Interior Girder 6	32	0.95	1	1	3.081464
HL93_serv_opr	BOBJ1	42	112	Before	Right Exterior Girder	32	0.95	1	1	3.050297
HL93_serv_opr	BOBJ1	43	112	After	Left Exterior Girder	32	0.95	1	1	3.089619
HL93_serv_opr	BOBJ1	43	112	After	Interior Girder 1	32	0.95	1	1	3.052298
HL93_serv_opr	BOBJ1	43	112	After	Interior Girder 2	32	0.95	1	1	3.072709
HL93_serv_opr	BOBJ1	43	112	After	Interior Girder 3	32	0.95	1	1	3.109738
HL93_serv_opr	BOBJ1	43	112	After	Interior Girder 4	32	0.95	1	1	3.110928
HL93_serv_opr	BOBJ1	43	112	After	Interior Girder 5	32	0.95	1	1	3.076736
HL93_serv_opr	BOBJ1	43	112	After	Interior Girder 6	32	0.95	1	1	3.050911
HL93_serv_opr	BOBJ1	43	112	After	Right Exterior Girder	32	0.95	1	1	3.095251
HL93_serv_opr	BOBJ1	44	120	Before	Left Exterior Girder	40	0.95	1	1	2.87062
HL93_serv_opr	BOBJ1	44	120	Before	Interior Girder 1	40	0.95	1	1	2.722171
HL93_serv_opr	BOBJ1	44	120	Before	Interior Girder 2	40	0.95	1	1	2.723063
HL93_serv_opr	BOBJ1	44	120	Before	Interior Girder 3	40	0.95	1	1	2.78454
HL93_serv_opr	BOBJ1	44	120	Before	Interior Girder 4	40	0.95	1	1	2.791837
HL93_serv_opr	BOBJ1	44	120	Before	Interior Girder 5	40	0.95	1	1	2.716537
HL93_serv_opr	BOBJ1	44	120	Before	Interior Girder 6	40	0.95	1	1	2.726771
HL93_serv_opr	BOBJ1	44	120	Before	Right Exterior Girder	40	0.95	1	1	2.874946

TABLE: Bridge Super Rating AASHTORATE18 31 - SteelICompServ-Flx - Approach, Span 4-6										
Request	BridgeObj	BridgeCut	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	Unitless	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
HL93_serv_opr	BOBJ1	45	120	After	Left Exterior Girder	40	0.95	1	1	2.87471
HL93_serv_opr	BOBJ1	45	120	After	Interior Girder 1	40	0.95	1	1	2.719813
HL93_serv_opr	BOBJ1	45	120	After	Interior Girder 2	40	0.95	1	1	2.72256
HL93_serv_opr	BOBJ1	45	120	After	Interior Girder 3	40	0.95	1	1	2.784849
HL93_serv_opr	BOBJ1	45	120	After	Interior Girder 4	40	0.95	1	1	2.791846
HL93_serv_opr	BOBJ1	45	120	After	Interior Girder 5	40	0.95	1	1	2.715966
HL93_serv_opr	BOBJ1	45	120	After	Interior Girder 6	40	0.95	1	1	2.724418
HL93_serv_opr	BOBJ1	45	120	After	Right Exterior Girder	40	0.95	1	1	2.879044
HL93_serv_opr	BOBJ1	46	128	Before	Left Exterior Girder	48	0.95	1	1	3.039289
HL93_serv_opr	BOBJ1	46	128	Before	Interior Girder 1	48	0.95	1	1	3.027775
HL93_serv_opr	BOBJ1	46	128	Before	Interior Girder 2	48	0.95	1	1	3.051064
HL93_serv_opr	BOBJ1	46	128	Before	Interior Girder 3	48	0.95	1	1	3.090056
HL93_serv_opr	BOBJ1	46	128	Before	Interior Girder 4	48	0.95	1	1	3.091243
HL93_serv_opr	BOBJ1	46	128	Before	Interior Girder 5	48	0.95	1	1	3.05495
HL93_serv_opr	BOBJ1	46	128	Before	Interior Girder 6	48	0.95	1	1	3.02641
HL93_serv_opr	BOBJ1	46	128	Before	Right Exterior Girder	48	0.95	1	1	3.044819
HL93_serv_opr	BOBJ1	47	128	After	Left Exterior Girder	48	0.95	1	1	3.00173
HL93_serv_opr	BOBJ1	47	128	After	Interior Girder 1	48	0.95	1	1	3.051473
HL93_serv_opr	BOBJ1	47	128	After	Interior Girder 2	48	0.95	1	1	3.058721
HL93_serv_opr	BOBJ1	47	128	After	Interior Girder 3	48	0.95	1	1	3.084525
HL93_serv_opr	BOBJ1	47	128	After	Interior Girder 4	48	0.95	1	1	3.086148
HL93_serv_opr	BOBJ1	47	128	After	Interior Girder 5	48	0.95	1	1	3.061359
HL93_serv_opr	BOBJ1	47	128	After	Interior Girder 6	48	0.95	1	1	3.049994
HL93_serv_opr	BOBJ1	47	128	After	Right Exterior Girder	48	0.95	1	1	3.007465
HL93_serv_opr	BOBJ1	48	136	Before	Left Exterior Girder	56	0.95	1	1	4.566419
HL93_serv_opr	BOBJ1	48	136	Before	Interior Girder 1	56	0.95	1	1	3.900876
HL93_serv_opr	BOBJ1	48	136	Before	Interior Girder 2	56	0.95	1	1	3.820817
HL93_serv_opr	BOBJ1	48	136	Before	Interior Girder 3	56	0.95	1	1	3.869829
HL93_serv_opr	BOBJ1	48	136	Before	Interior Girder 4	56	0.95	1	1	3.893692
HL93_serv_opr	BOBJ1	48	136	Before	Interior Girder 5	56	0.95	1	1	3.815253
HL93_serv_opr	BOBJ1	48	136	Before	Interior Girder 6	56	0.95	1	1	3.910983
HL93_serv_opr	BOBJ1	48	136	Before	Right Exterior Girder	56	0.95	1	1	4.571272
HL93_serv_opr	BOBJ1	49	136	After	Left Exterior Girder	56	0.95	1	1	4.461822
HL93_serv_opr	BOBJ1	49	136	After	Interior Girder 1	56	0.95	1	1	3.959558
HL93_serv_opr	BOBJ1	49	136	After	Interior Girder 2	56	0.95	1	1	3.823309
HL93_serv_opr	BOBJ1	49	136	After	Interior Girder 3	56	0.95	1	1	3.81176
HL93_serv_opr	BOBJ1	49	136	After	Interior Girder 4	56	0.95	1	1	3.829552
HL93_serv_opr	BOBJ1	49	136	After	Interior Girder 5	56	0.95	1	1	3.813265
HL93_serv_opr	BOBJ1	49	136	After	Interior Girder 6	56	0.95	1	1	3.970255
HL93_serv_opr	BOBJ1	49	136	After	Right Exterior Girder	56	0.95	1	1	4.468947
HL93_serv_opr	BOBJ1	50	144	Before	Left Exterior Girder	64	0.95	1	1	3.167196
HL93_serv_opr	BOBJ1	50	144	Before	Interior Girder 1	64	0.95	1	1	3.357815
HL93_serv_opr	BOBJ1	50	144	Before	Interior Girder 2	64	0.95	1	1	3.456843
HL93_serv_opr	BOBJ1	50	144	Before	Interior Girder 3	64	0.95	1	1	3.626808
HL93_serv_opr	BOBJ1	50	144	Before	Interior Girder 4	64	0.95	1	1	3.624772
HL93_serv_opr	BOBJ1	50	144	Before	Interior Girder 5	64	0.95	1	1	3.452313
HL93_serv_opr	BOBJ1	50	144	Before	Interior Girder 6	64	0.95	1	1	3.35879
HL93_serv_opr	BOBJ1	50	144	Before	Right Exterior Girder	64	0.95	1	1	3.171373
HL93_serv_opr	BOBJ1	51	144	After	Left Exterior Girder	64	0.95	1	1	6.205138
HL93_serv_opr	BOBJ1	51	144	After	Interior Girder 1	64	0.95	1	1	3.306574
HL93_serv_opr	BOBJ1	51	144	After	Interior Girder 2	64	0.95	1	1	3.445133
HL93_serv_opr	BOBJ1	51	144	After	Interior Girder 3	64	0.95	1	1	3.648792
HL93_serv_opr	BOBJ1	51	144	After	Interior Girder 4	64	0.95	1	1	3.646759
HL93_serv_opr	BOBJ1	51	144	After	Interior Girder 5	64	0.95	1	1	3.441185
HL93_serv_opr	BOBJ1	51	144	After	Interior Girder 6	64	0.95	1	1	3.307518
HL93_serv_opr	BOBJ1	51	144	After	Right Exterior Girder	64	0.95	1	1	6.213244
HL93_serv_opr	BOBJ1	52	150	Before	Interior Girder 1	70	0.95	1	1	2.363281
HL93_serv_opr	BOBJ1	52	150	Before	Interior Girder 2	70	0.95	1	1	2.422144
HL93_serv_opr	BOBJ1	52	150	Before	Interior Girder 3	70	0.95	1	1	2.382497
HL93_serv_opr	BOBJ1	52	150	Before	Interior Girder 4	70	0.95	1	1	2.381048
HL93_serv_opr	BOBJ1	52	150	Before	Interior Girder 5	70	0.95	1	1	2.418809
HL93_serv_opr	BOBJ1	52	150	Before	Interior Girder 6	70	0.95	1	1	2.365562
HL93_serv_opr	BOBJ1	53	150	After	Interior Girder 1	70	0.95	1	1	5.136413
HL93_serv_opr	BOBJ1	53	150	After	Interior Girder 2	70	0.95	1	1	5.160267
HL93_serv_opr	BOBJ1	53	150	After	Interior Girder 3	70	0.95	1	1	5.124952
HL93_serv_opr	BOBJ1	53	150	After	Interior Girder 4	70	0.95	1	1	5.121379
HL93_serv_opr	BOBJ1	53	150	After	Interior Girder 5	70	0.95	1	1	5.152678
HL93_serv_opr	BOBJ1	53	150	After	Interior Girder 6	70	0.95	1	1	5.141085
HL93_serv_opr	BOBJ1	54	152	Before	Left Exterior Girder	72	0.95	1	1	4.071943
HL93_serv_opr	BOBJ1	54	152	Before	Interior Girder 1	72	0.95	1	1	4.663319
HL93_serv_opr	BOBJ1	54	152	Before	Interior Girder 2	72	0.95	1	1	4.669148
HL93_serv_opr	BOBJ1	54	152	Before	Interior Girder 3	72	0.95	1	1	4.540413
HL93_serv_opr	BOBJ1	54	152	Before	Interior Girder 4	72	0.95	1	1	4.537419

TABLE: Bridge Super Rating AASHTORATE18 31 - SteelICompServ-Flx - Approach, Span 4-6										
Request	BridgeObj	BridgeCut	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	Unitless	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
HL93_serv_opr	BOBJ1	54	152	Before	Interior Girder 5	72	0.95	1	1	4.66269
HL93_serv_opr	BOBJ1	54	152	Before	Interior Girder 6	72	0.95	1	1	4.668549
HL93_serv_opr	BOBJ1	54	152	Before	Right Exterior Girder	72	0.95	1	1	4.080944
HL93_serv_opr	BOBJ1	55	152	After	Left Exterior Girder	72	0.95	1	1	4.104684
HL93_serv_opr	BOBJ1	55	152	After	Interior Girder 1	72	0.95	1	1	4.631742
HL93_serv_opr	BOBJ1	55	152	After	Interior Girder 2	72	0.95	1	1	4.632478
HL93_serv_opr	BOBJ1	55	152	After	Interior Girder 3	72	0.95	1	1	4.529188
HL93_serv_opr	BOBJ1	55	152	After	Interior Girder 4	72	0.95	1	1	4.526618
HL93_serv_opr	BOBJ1	55	152	After	Interior Girder 5	72	0.95	1	1	4.626116
HL93_serv_opr	BOBJ1	55	152	After	Interior Girder 6	72	0.95	1	1	4.637651
HL93_serv_opr	BOBJ1	55	152	After	Right Exterior Girder	72	0.95	1	1	4.113549
HL93_serv_opr	BOBJ1	56	154	Before	Left Exterior Girder	74	0.95	1	1	3.559888
HL93_serv_opr	BOBJ1	56	154	Before	Right Exterior Girder	74	0.95	1	1	3.567735
HL93_serv_opr	BOBJ1	57	154	After	Left Exterior Girder	74	0.95	1	1	5.413994
HL93_serv_opr	BOBJ1	57	154	After	Right Exterior Girder	74	0.95	1	1	5.425847
HL93_serv_opr	BOBJ1	58	160	Before	Left Exterior Girder	80	0.95	1	1	3.698331
HL93_serv_opr	BOBJ1	58	160	Before	Interior Girder 1	80	0.95	1	1	2.930105
HL93_serv_opr	BOBJ1	58	160	Before	Interior Girder 2	80	0.95	1	1	2.875221
HL93_serv_opr	BOBJ1	58	160	Before	Interior Girder 3	80	0.95	1	1	2.477558
HL93_serv_opr	BOBJ1	58	160	Before	Interior Girder 4	80	0.95	1	1	2.478752
HL93_serv_opr	BOBJ1	58	160	Before	Interior Girder 5	80	0.95	1	1	2.862723
HL93_serv_opr	BOBJ1	58	160	Before	Interior Girder 6	80	0.95	1	1	2.937359
HL93_serv_opr	BOBJ1	58	160	Before	Right Exterior Girder	80	0.95	1	1	3.707419
HL93_serv_opr	BOBJ1	59	160	After	Left Exterior Girder	0	0.95	1	1	3.662765
HL93_serv_opr	BOBJ1	59	160	After	Interior Girder 1	0	0.95	1	1	2.858402
HL93_serv_opr	BOBJ1	59	160	After	Interior Girder 2	0	0.95	1	1	2.838069
HL93_serv_opr	BOBJ1	59	160	After	Interior Girder 3	0	0.95	1	1	2.44979
HL93_serv_opr	BOBJ1	59	160	After	Interior Girder 4	0	0.95	1	1	2.450387
HL93_serv_opr	BOBJ1	59	160	After	Interior Girder 5	0	0.95	1	1	2.828726
HL93_serv_opr	BOBJ1	59	160	After	Interior Girder 6	0	0.95	1	1	2.867227
HL93_serv_opr	BOBJ1	59	160	After	Right Exterior Girder	0	0.95	1	1	3.672138
HL93_serv_opr	BOBJ1	60	166	Before	Left Exterior Girder	6	0.95	1	1	5.604917
HL93_serv_opr	BOBJ1	60	166	Before	Right Exterior Girder	6	0.95	1	1	5.617669
HL93_serv_opr	BOBJ1	61	166	After	Left Exterior Girder	6	0.95	1	1	3.71356
HL93_serv_opr	BOBJ1	61	166	After	Right Exterior Girder	6	0.95	1	1	3.722074
HL93_serv_opr	BOBJ1	62	168	Before	Left Exterior Girder	8	0.95	1	1	4.322892
HL93_serv_opr	BOBJ1	62	168	Before	Interior Girder 1	8	0.95	1	1	5.023255
HL93_serv_opr	BOBJ1	62	168	Before	Interior Girder 2	8	0.95	1	1	5.015486
HL93_serv_opr	BOBJ1	62	168	Before	Interior Girder 3	8	0.95	1	1	4.880797
HL93_serv_opr	BOBJ1	62	168	Before	Interior Girder 4	8	0.95	1	1	4.877649
HL93_serv_opr	BOBJ1	62	168	Before	Interior Girder 5	8	0.95	1	1	5.00572
HL93_serv_opr	BOBJ1	62	168	Before	Interior Girder 6	8	0.95	1	1	5.028426
HL93_serv_opr	BOBJ1	62	168	Before	Right Exterior Girder	8	0.95	1	1	4.332511
HL93_serv_opr	BOBJ1	63	168	After	Left Exterior Girder	8	0.95	1	1	4.258724
HL93_serv_opr	BOBJ1	63	168	After	Interior Girder 1	8	0.95	1	1	5.102487
HL93_serv_opr	BOBJ1	63	168	After	Interior Girder 2	8	0.95	1	1	5.057428
HL93_serv_opr	BOBJ1	63	168	After	Interior Girder 3	8	0.95	1	1	4.897571
HL93_serv_opr	BOBJ1	63	168	After	Interior Girder 4	8	0.95	1	1	4.893929
HL93_serv_opr	BOBJ1	63	168	After	Interior Girder 5	8	0.95	1	1	5.048831
HL93_serv_opr	BOBJ1	63	168	After	Interior Girder 6	8	0.95	1	1	5.107252
HL93_serv_opr	BOBJ1	63	168	After	Right Exterior Girder	8	0.95	1	1	4.268531
HL93_serv_opr	BOBJ1	64	170	Before	Interior Girder 1	10	0.95	1	1	5.681093
HL93_serv_opr	BOBJ1	64	170	Before	Interior Girder 2	10	0.95	1	1	5.637784
HL93_serv_opr	BOBJ1	64	170	Before	Interior Girder 3	10	0.95	1	1	5.577027
HL93_serv_opr	BOBJ1	64	170	Before	Interior Girder 4	10	0.95	1	1	5.572107
HL93_serv_opr	BOBJ1	64	170	Before	Interior Girder 5	10	0.95	1	1	5.627536
HL93_serv_opr	BOBJ1	64	170	Before	Interior Girder 6	10	0.95	1	1	5.686265
HL93_serv_opr	BOBJ1	65	170	After	Interior Girder 1	10	0.95	1	1	2.785978
HL93_serv_opr	BOBJ1	65	170	After	Interior Girder 2	10	0.95	1	1	2.816582
HL93_serv_opr	BOBJ1	65	170	After	Interior Girder 3	10	0.95	1	1	2.753907
HL93_serv_opr	BOBJ1	65	170	After	Interior Girder 4	10	0.95	1	1	2.751382
HL93_serv_opr	BOBJ1	65	170	After	Interior Girder 5	10	0.95	1	1	2.810813
HL93_serv_opr	BOBJ1	65	170	After	Interior Girder 6	10	0.95	1	1	2.788717
HL93_serv_opr	BOBJ1	66	176	Before	Left Exterior Girder	16	0.95	1	1	6.336978
HL93_serv_opr	BOBJ1	66	176	Before	Interior Girder 1	16	0.95	1	1	3.987249
HL93_serv_opr	BOBJ1	66	176	Before	Interior Girder 2	16	0.95	1	1	4.078548
HL93_serv_opr	BOBJ1	66	176	Before	Interior Girder 3	16	0.95	1	1	4.272319
HL93_serv_opr	BOBJ1	66	176	Before	Interior Girder 4	16	0.95	1	1	4.269492
HL93_serv_opr	BOBJ1	66	176	Before	Interior Girder 5	16	0.95	1	1	4.073743
HL93_serv_opr	BOBJ1	66	176	Before	Interior Girder 6	16	0.95	1	1	3.988286
HL93_serv_opr	BOBJ1	66	176	Before	Right Exterior Girder	16	0.95	1	1	6.347421
HL93_serv_opr	BOBJ1	67	176	After	Left Exterior Girder	16	0.95	1	1	6.276682
HL93_serv_opr	BOBJ1	67	176	After	Interior Girder 1	16	0.95	1	1	4.031819

TABLE: Bridge Super Rating AASHTORATE18 31 - SteelICompServ-Flx - Approach, Span 4-6										
Request	BridgeObj	BridgeCut	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	Unitless	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
HL93_serv_opr	BOBJ1	67	176	After	Interior Girder 2	16	0.95	1	1	4.104834
HL93_serv_opr	BOBJ1	67	176	After	Interior Girder 3	16	0.95	1	1	4.268726
HL93_serv_opr	BOBJ1	67	176	After	Interior Girder 4	16	0.95	1	1	4.265937
HL93_serv_opr	BOBJ1	67	176	After	Interior Girder 5	16	0.95	1	1	4.098776
HL93_serv_opr	BOBJ1	67	176	After	Interior Girder 6	16	0.95	1	1	4.03296
HL93_serv_opr	BOBJ1	67	176	After	Right Exterior Girder	16	0.95	1	1	6.286912
HL93_serv_opr	BOBJ1	68	181	Before	Interior Girder 1	21	0.95	1	1	3.26937
HL93_serv_opr	BOBJ1	68	181	Before	Interior Girder 2	21	0.95	1	1	3.125926
HL93_serv_opr	BOBJ1	68	181	Before	Interior Girder 3	21	0.95	1	1	3.129444
HL93_serv_opr	BOBJ1	68	181	Before	Interior Girder 4	21	0.95	1	1	3.141473
HL93_serv_opr	BOBJ1	68	181	Before	Interior Girder 5	21	0.95	1	1	3.118133
HL93_serv_opr	BOBJ1	68	181	Before	Interior Girder 6	21	0.95	1	1	3.276699
HL93_serv_opr	BOBJ1	69	181	After	Interior Girder 1	21	0.95	1	1	5.240252
HL93_serv_opr	BOBJ1	69	181	After	Interior Girder 2	21	0.95	1	1	4.970758
HL93_serv_opr	BOBJ1	69	181	After	Interior Girder 3	21	0.95	1	1	5.097413
HL93_serv_opr	BOBJ1	69	181	After	Interior Girder 4	21	0.95	1	1	5.119307
HL93_serv_opr	BOBJ1	69	181	After	Interior Girder 5	21	0.95	1	1	4.958049
HL93_serv_opr	BOBJ1	69	181	After	Interior Girder 6	21	0.95	1	1	5.252159
HL93_serv_opr	BOBJ1	70	184	Before	Left Exterior Girder	24	0.95	1	1	4.258509
HL93_serv_opr	BOBJ1	70	184	Before	Interior Girder 1	24	0.95	1	1	4.292242
HL93_serv_opr	BOBJ1	70	184	Before	Interior Girder 2	24	0.95	1	1	4.156831
HL93_serv_opr	BOBJ1	70	184	Before	Interior Girder 3	24	0.95	1	1	4.261246
HL93_serv_opr	BOBJ1	70	184	Before	Interior Girder 4	24	0.95	1	1	4.272224
HL93_serv_opr	BOBJ1	70	184	Before	Interior Girder 5	24	0.95	1	1	4.144702
HL93_serv_opr	BOBJ1	70	184	Before	Interior Girder 6	24	0.95	1	1	4.301861
HL93_serv_opr	BOBJ1	70	184	Before	Right Exterior Girder	24	0.95	1	1	4.26431
HL93_serv_opr	BOBJ1	71	184	After	Left Exterior Girder	24	0.95	1	1	4.29428
HL93_serv_opr	BOBJ1	71	184	After	Interior Girder 1	24	0.95	1	1	4.244614
HL93_serv_opr	BOBJ1	71	184	After	Interior Girder 2	24	0.95	1	1	4.167245
HL93_serv_opr	BOBJ1	71	184	After	Interior Girder 3	24	0.95	1	1	4.315089
HL93_serv_opr	BOBJ1	71	184	After	Interior Girder 4	24	0.95	1	1	4.337075
HL93_serv_opr	BOBJ1	71	184	After	Interior Girder 5	24	0.95	1	1	4.158306
HL93_serv_opr	BOBJ1	71	184	After	Interior Girder 6	24	0.95	1	1	4.253722
HL93_serv_opr	BOBJ1	71	184	After	Right Exterior Girder	24	0.95	1	1	4.299515
HL93_serv_opr	BOBJ1	72	192	Before	Left Exterior Girder	32	0.95	1	1	3.144114
HL93_serv_opr	BOBJ1	72	192	Before	Interior Girder 1	32	0.95	1	1	3.040368
HL93_serv_opr	BOBJ1	72	192	Before	Interior Girder 2	32	0.95	1	1	3.107994
HL93_serv_opr	BOBJ1	72	192	Before	Interior Girder 3	32	0.95	1	1	3.163131
HL93_serv_opr	BOBJ1	72	192	Before	Interior Girder 4	32	0.95	1	1	3.164744
HL93_serv_opr	BOBJ1	72	192	Before	Interior Girder 5	32	0.95	1	1	3.107427
HL93_serv_opr	BOBJ1	72	192	Before	Interior Girder 6	32	0.95	1	1	3.039475
HL93_serv_opr	BOBJ1	72	192	Before	Right Exterior Girder	32	0.95	1	1	3.14961
HL93_serv_opr	BOBJ1	73	192	After	Left Exterior Girder	32	0.95	1	1	3.166319
HL93_serv_opr	BOBJ1	73	192	After	Interior Girder 1	32	0.95	1	1	3.00515
HL93_serv_opr	BOBJ1	73	192	After	Interior Girder 2	32	0.95	1	1	3.099856
HL93_serv_opr	BOBJ1	73	192	After	Interior Girder 3	32	0.95	1	1	3.163736
HL93_serv_opr	BOBJ1	73	192	After	Interior Girder 4	32	0.95	1	1	3.165806
HL93_serv_opr	BOBJ1	73	192	After	Interior Girder 5	32	0.95	1	1	3.10031
HL93_serv_opr	BOBJ1	73	192	After	Interior Girder 6	32	0.95	1	1	3.004405
HL93_serv_opr	BOBJ1	73	192	After	Right Exterior Girder	32	0.95	1	1	3.17125
HL93_serv_opr	BOBJ1	74	200	Before	Left Exterior Girder	40	0.95	1	1	2.723806
HL93_serv_opr	BOBJ1	74	200	Before	Interior Girder 1	40	0.95	1	1	2.461981
HL93_serv_opr	BOBJ1	74	200	Before	Interior Girder 2	40	0.95	1	1	2.539504
HL93_serv_opr	BOBJ1	74	200	Before	Interior Girder 3	40	0.95	1	1	2.624403
HL93_serv_opr	BOBJ1	74	200	Before	Interior Girder 4	40	0.95	1	1	2.627815
HL93_serv_opr	BOBJ1	74	200	Before	Interior Girder 5	40	0.95	1	1	2.533881
HL93_serv_opr	BOBJ1	74	200	Before	Interior Girder 6	40	0.95	1	1	2.465402
HL93_serv_opr	BOBJ1	74	200	Before	Right Exterior Girder	40	0.95	1	1	2.727581
HL93_serv_opr	BOBJ1	75	200	After	Left Exterior Girder	40	0.95	1	1	2.743645
HL93_serv_opr	BOBJ1	75	200	After	Interior Girder 1	40	0.95	1	1	2.452458
HL93_serv_opr	BOBJ1	75	200	After	Interior Girder 2	40	0.95	1	1	2.545429
HL93_serv_opr	BOBJ1	75	200	After	Interior Girder 3	40	0.95	1	1	2.62953
HL93_serv_opr	BOBJ1	75	200	After	Interior Girder 4	40	0.95	1	1	2.635614
HL93_serv_opr	BOBJ1	75	200	After	Interior Girder 5	40	0.95	1	1	2.539808
HL93_serv_opr	BOBJ1	75	200	After	Interior Girder 6	40	0.95	1	1	2.45575
HL93_serv_opr	BOBJ1	75	200	After	Right Exterior Girder	40	0.95	1	1	2.747361
HL93_serv_opr	BOBJ1	76	208	Before	Left Exterior Girder	48	0.95	1	1	2.564368
HL93_serv_opr	BOBJ1	76	208	Before	Interior Girder 1	48	0.95	1	1	2.392964
HL93_serv_opr	BOBJ1	76	208	Before	Interior Girder 2	48	0.95	1	1	2.511742
HL93_serv_opr	BOBJ1	76	208	Before	Interior Girder 3	48	0.95	1	1	2.585071
HL93_serv_opr	BOBJ1	76	208	Before	Interior Girder 4	48	0.95	1	1	2.58601
HL93_serv_opr	BOBJ1	76	208	Before	Interior Girder 5	48	0.95	1	1	2.510732
HL93_serv_opr	BOBJ1	76	208	Before	Interior Girder 6	48	0.95	1	1	2.392474

TABLE: Bridge Super Rating AASHTORATE18 31 - SteelICompServ-Flx - Approach, Span 4-6										
Request	BridgeObj	BridgeCut	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	Unitless	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
HL93_serv_opr	BOBJ1	76	208	Before	Right Exterior Girder	48	0.95	1	1	2.568387
HL93_serv_opr	BOBJ1	77	208	After	Left Exterior Girder	48	0.95	1	1	2.553723
HL93_serv_opr	BOBJ1	77	208	After	Interior Girder 1	48	0.95	1	1	2.395082
HL93_serv_opr	BOBJ1	77	208	After	Interior Girder 2	48	0.95	1	1	2.513018
HL93_serv_opr	BOBJ1	77	208	After	Interior Girder 3	48	0.95	1	1	2.580237
HL93_serv_opr	BOBJ1	77	208	After	Interior Girder 4	48	0.95	1	1	2.580634
HL93_serv_opr	BOBJ1	77	208	After	Interior Girder 5	48	0.95	1	1	2.512141
HL93_serv_opr	BOBJ1	77	208	After	Interior Girder 6	48	0.95	1	1	2.39455
HL93_serv_opr	BOBJ1	77	208	After	Right Exterior Girder	48	0.95	1	1	2.557882
HL93_serv_opr	BOBJ1	78	216	Before	Left Exterior Girder	56	0.95	1	1	2.993004
HL93_serv_opr	BOBJ1	78	216	Before	Interior Girder 1	56	0.95	1	1	2.625554
HL93_serv_opr	BOBJ1	78	216	Before	Interior Girder 2	56	0.95	1	1	2.695846
HL93_serv_opr	BOBJ1	78	216	Before	Interior Girder 3	56	0.95	1	1	2.803913
HL93_serv_opr	BOBJ1	78	216	Before	Interior Girder 4	56	0.95	1	1	2.810947
HL93_serv_opr	BOBJ1	78	216	Before	Interior Girder 5	56	0.95	1	1	2.689226
HL93_serv_opr	BOBJ1	78	216	Before	Interior Girder 6	56	0.95	1	1	2.62958
HL93_serv_opr	BOBJ1	78	216	Before	Right Exterior Girder	56	0.95	1	1	2.996646
HL93_serv_opr	BOBJ1	79	216	After	Left Exterior Girder	56	0.95	1	1	2.952075
HL93_serv_opr	BOBJ1	79	216	After	Interior Girder 1	56	0.95	1	1	2.647627
HL93_serv_opr	BOBJ1	79	216	After	Interior Girder 2	56	0.95	1	1	2.692451
HL93_serv_opr	BOBJ1	79	216	After	Interior Girder 3	56	0.95	1	1	2.790233
HL93_serv_opr	BOBJ1	79	216	After	Interior Girder 4	56	0.95	1	1	2.792898
HL93_serv_opr	BOBJ1	79	216	After	Interior Girder 5	56	0.95	1	1	2.685708
HL93_serv_opr	BOBJ1	79	216	After	Interior Girder 6	56	0.95	1	1	2.651893
HL93_serv_opr	BOBJ1	79	216	After	Right Exterior Girder	56	0.95	1	1	2.956247
HL93_serv_opr	BOBJ1	80	224	Before	Left Exterior Girder	64	0.95	1	1	3.912684
HL93_serv_opr	BOBJ1	80	224	Before	Interior Girder 1	64	0.95	1	1	3.59917
HL93_serv_opr	BOBJ1	80	224	Before	Interior Girder 2	64	0.95	1	1	3.629813
HL93_serv_opr	BOBJ1	80	224	Before	Interior Girder 3	64	0.95	1	1	3.724412
HL93_serv_opr	BOBJ1	80	224	Before	Interior Girder 4	64	0.95	1	1	3.726463
HL93_serv_opr	BOBJ1	80	224	Before	Interior Girder 5	64	0.95	1	1	3.631269
HL93_serv_opr	BOBJ1	80	224	Before	Interior Girder 6	64	0.95	1	1	3.598737
HL93_serv_opr	BOBJ1	80	224	Before	Right Exterior Girder	64	0.95	1	1	3.918685
HL93_serv_opr	BOBJ1	81	224	After	Left Exterior Girder	64	0.95	1	1	3.863409
HL93_serv_opr	BOBJ1	81	224	After	Interior Girder 1	64	0.95	1	1	3.667575
HL93_serv_opr	BOBJ1	81	224	After	Interior Girder 2	64	0.95	1	1	3.621921
HL93_serv_opr	BOBJ1	81	224	After	Interior Girder 3	64	0.95	1	1	3.69412
HL93_serv_opr	BOBJ1	81	224	After	Interior Girder 4	64	0.95	1	1	3.694178
HL93_serv_opr	BOBJ1	81	224	After	Interior Girder 5	64	0.95	1	1	3.619678
HL93_serv_opr	BOBJ1	81	224	After	Interior Girder 6	64	0.95	1	1	3.667359
HL93_serv_opr	BOBJ1	81	224	After	Right Exterior Girder	64	0.95	1	1	3.870004
HL93_serv_opr	BOBJ1	82	232	Before	Left Exterior Girder	72	0.95	1	1	7.133304
HL93_serv_opr	BOBJ1	82	232	Before	Interior Girder 1	72	0.95	1	1	6.533698
HL93_serv_opr	BOBJ1	82	232	Before	Interior Girder 2	72	0.95	1	1	6.290758
HL93_serv_opr	BOBJ1	82	232	Before	Interior Girder 3	72	0.95	1	1	6.47198
HL93_serv_opr	BOBJ1	82	232	Before	Interior Girder 4	72	0.95	1	1	6.519083
HL93_serv_opr	BOBJ1	82	232	Before	Interior Girder 5	72	0.95	1	1	6.29149
HL93_serv_opr	BOBJ1	82	232	Before	Interior Girder 6	72	0.95	1	1	6.550804
HL93_serv_opr	BOBJ1	82	232	Before	Right Exterior Girder	72	0.95	1	1	7.141697
HL93_serv_opr	BOBJ1	83	232	After	Left Exterior Girder	72	0.95	1	1	7.133863
HL93_serv_opr	BOBJ1	83	232	After	Interior Girder 1	72	0.95	1	1	6.532524
HL93_serv_opr	BOBJ1	83	232	After	Interior Girder 2	72	0.95	1	1	6.213025
HL93_serv_opr	BOBJ1	83	232	After	Interior Girder 3	72	0.95	1	1	6.179654
HL93_serv_opr	BOBJ1	83	232	After	Interior Girder 4	72	0.95	1	1	6.208633
HL93_serv_opr	BOBJ1	83	232	After	Interior Girder 5	72	0.95	1	1	6.196151
HL93_serv_opr	BOBJ1	83	232	After	Interior Girder 6	72	0.95	1	1	6.555392
HL93_serv_opr	BOBJ1	83	232	After	Right Exterior Girder	72	0.95	1	1	7.143953
HL93_serv_opr	BOBJ1	84	240	Before	Left Exterior Girder	80	0.95	1	1	58.545619
HL93_serv_opr	BOBJ1	84	240	Before	Interior Girder 1	80	0.95	1	1	35.426488
HL93_serv_opr	BOBJ1	84	240	Before	Interior Girder 2	80	0.95	1	1	30.147511
HL93_serv_opr	BOBJ1	84	240	Before	Interior Girder 3	80	0.95	1	1	20.558885
HL93_serv_opr	BOBJ1	84	240	Before	Interior Girder 4	80	0.95	1	1	20.672701
HL93_serv_opr	BOBJ1	84	240	Before	Interior Girder 5	80	0.95	1	1	29.482723
HL93_serv_opr	BOBJ1	84	240	Before	Interior Girder 6	80	0.95	1	1	35.523364
HL93_serv_opr	BOBJ1	84	240	Before	Right Exterior Girder	80	0.95	1	1	58.645202
HL93_serv_inv	BOBJ1	1	0	After	Left Exterior Girder	0	0.95	1	1	334.702162
HL93_serv_inv	BOBJ1	1	0	After	Interior Girder 1	0	0.95	1	1	346.601028
HL93_serv_inv	BOBJ1	1	0	After	Interior Girder 2	0	0.95	1	1	283.895191
HL93_serv_inv	BOBJ1	1	0	After	Interior Girder 3	0	0.95	1	1	179.902459
HL93_serv_inv	BOBJ1	1	0	After	Interior Girder 4	0	0.95	1	1	181.199959
HL93_serv_inv	BOBJ1	1	0	After	Interior Girder 5	0	0.95	1	1	279.103217
HL93_serv_inv	BOBJ1	1	0	After	Interior Girder 6	0	0.95	1	1	334.934816
HL93_serv_inv	BOBJ1	1	0	After	Right Exterior Girder	0	0.95	1	1	335.865394

TABLE: Bridge Super Rating AASHTORATE18 31 - SteelICompServ-Flx - Approach, Span 4-6										
Request	BridgeObj	BridgeCut	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	Unitless	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
HL93_serv_inv	BOBJ1	2	8	Before	Left Exterior Girder	8	0.95	1	1	5.423529
HL93_serv_inv	BOBJ1	2	8	Before	Interior Girder 1	8	0.95	1	1	5.13884
HL93_serv_inv	BOBJ1	2	8	Before	Interior Girder 2	8	0.95	1	1	4.927459
HL93_serv_inv	BOBJ1	2	8	Before	Interior Girder 3	8	0.95	1	1	4.636623
HL93_serv_inv	BOBJ1	2	8	Before	Interior Girder 4	8	0.95	1	1	4.657224
HL93_serv_inv	BOBJ1	2	8	Before	Interior Girder 5	8	0.95	1	1	4.902249
HL93_serv_inv	BOBJ1	2	8	Before	Interior Girder 6	8	0.95	1	1	5.163107
HL93_serv_inv	BOBJ1	2	8	Before	Right Exterior Girder	8	0.95	1	1	5.433353
HL93_serv_inv	BOBJ1	3	8	After	Left Exterior Girder	8	0.95	1	1	5.451239
HL93_serv_inv	BOBJ1	3	8	After	Interior Girder 1	8	0.95	1	1	5.102684
HL93_serv_inv	BOBJ1	3	8	After	Interior Girder 2	8	0.95	1	1	5.020615
HL93_serv_inv	BOBJ1	3	8	After	Interior Girder 3	8	0.95	1	1	4.844257
HL93_serv_inv	BOBJ1	3	8	After	Interior Girder 4	8	0.95	1	1	4.86438
HL93_serv_inv	BOBJ1	3	8	After	Interior Girder 5	8	0.95	1	1	4.997191
HL93_serv_inv	BOBJ1	3	8	After	Interior Girder 6	8	0.95	1	1	5.124349
HL93_serv_inv	BOBJ1	3	8	After	Right Exterior Girder	8	0.95	1	1	5.45949
HL93_serv_inv	BOBJ1	4	16	Before	Left Exterior Girder	16	0.95	1	1	2.881615
HL93_serv_inv	BOBJ1	4	16	Before	Interior Girder 1	16	0.95	1	1	3.082482
HL93_serv_inv	BOBJ1	4	16	Before	Interior Girder 2	16	0.95	1	1	2.981676
HL93_serv_inv	BOBJ1	4	16	Before	Interior Girder 3	16	0.95	1	1	2.999621
HL93_serv_inv	BOBJ1	4	16	Before	Interior Girder 4	16	0.95	1	1	2.996925
HL93_serv_inv	BOBJ1	4	16	Before	Interior Girder 5	16	0.95	1	1	2.979804
HL93_serv_inv	BOBJ1	4	16	Before	Interior Girder 6	16	0.95	1	1	3.082356
HL93_serv_inv	BOBJ1	4	16	Before	Right Exterior Girder	16	0.95	1	1	2.887284
HL93_serv_inv	BOBJ1	5	16	After	Left Exterior Girder	16	0.95	1	1	2.914807
HL93_serv_inv	BOBJ1	5	16	After	Interior Girder 1	16	0.95	1	1	3.028138
HL93_serv_inv	BOBJ1	5	16	After	Interior Girder 2	16	0.95	1	1	2.991767
HL93_serv_inv	BOBJ1	5	16	After	Interior Girder 3	16	0.95	1	1	3.043584
HL93_serv_inv	BOBJ1	5	16	After	Interior Girder 4	16	0.95	1	1	3.043537
HL93_serv_inv	BOBJ1	5	16	After	Interior Girder 5	16	0.95	1	1	2.991862
HL93_serv_inv	BOBJ1	5	16	After	Interior Girder 6	16	0.95	1	1	3.028086
HL93_serv_inv	BOBJ1	5	16	After	Right Exterior Girder	16	0.95	1	1	2.920101
HL93_serv_inv	BOBJ1	6	20.5	Before	Left Exterior Girder	20.5	0.95	1	1	2.487658
HL93_serv_inv	BOBJ1	6	20.5	Before	Right Exterior Girder	20.5	0.95	1	1	2.49191
HL93_serv_inv	BOBJ1	7	20.5	After	Left Exterior Girder	20.5	0.95	1	1	2.975015
HL93_serv_inv	BOBJ1	7	20.5	After	Right Exterior Girder	20.5	0.95	1	1	2.979927
HL93_serv_inv	BOBJ1	8	24	Before	Left Exterior Girder	24	0.95	1	1	2.70722
HL93_serv_inv	BOBJ1	8	24	Before	Interior Girder 1	24	0.95	1	1	2.254573
HL93_serv_inv	BOBJ1	8	24	Before	Interior Girder 2	24	0.95	1	1	2.253703
HL93_serv_inv	BOBJ1	8	24	Before	Interior Girder 3	24	0.95	1	1	2.303243
HL93_serv_inv	BOBJ1	8	24	Before	Interior Girder 4	24	0.95	1	1	2.306002
HL93_serv_inv	BOBJ1	8	24	Before	Interior Girder 5	24	0.95	1	1	2.247912
HL93_serv_inv	BOBJ1	8	24	Before	Interior Girder 6	24	0.95	1	1	2.258868
HL93_serv_inv	BOBJ1	8	24	Before	Right Exterior Girder	24	0.95	1	1	2.711194
HL93_serv_inv	BOBJ1	9	24	After	Left Exterior Girder	24	0.95	1	1	2.693256
HL93_serv_inv	BOBJ1	9	24	After	Interior Girder 1	24	0.95	1	1	2.26483
HL93_serv_inv	BOBJ1	9	24	After	Interior Girder 2	24	0.95	1	1	2.257387
HL93_serv_inv	BOBJ1	9	24	After	Interior Girder 3	24	0.95	1	1	2.324521
HL93_serv_inv	BOBJ1	9	24	After	Interior Girder 4	24	0.95	1	1	2.329115
HL93_serv_inv	BOBJ1	9	24	After	Interior Girder 5	24	0.95	1	1	2.251484
HL93_serv_inv	BOBJ1	9	24	After	Interior Girder 6	24	0.95	1	1	2.268447
HL93_serv_inv	BOBJ1	9	24	After	Right Exterior Girder	24	0.95	1	1	2.696944
HL93_serv_inv	BOBJ1	10	32	Before	Left Exterior Girder	32	0.95	1	1	2.339891
HL93_serv_inv	BOBJ1	10	32	Before	Interior Girder 1	32	0.95	1	1	2.109797
HL93_serv_inv	BOBJ1	10	32	Before	Interior Girder 2	32	0.95	1	1	2.121134
HL93_serv_inv	BOBJ1	10	32	Before	Interior Girder 3	32	0.95	1	1	2.155012
HL93_serv_inv	BOBJ1	10	32	Before	Interior Girder 4	32	0.95	1	1	2.155111
HL93_serv_inv	BOBJ1	10	32	Before	Interior Girder 5	32	0.95	1	1	2.120551
HL93_serv_inv	BOBJ1	10	32	Before	Interior Girder 6	32	0.95	1	1	2.109187
HL93_serv_inv	BOBJ1	10	32	Before	Right Exterior Girder	32	0.95	1	1	2.34386
HL93_serv_inv	BOBJ1	11	32	After	Left Exterior Girder	32	0.95	1	1	2.346848
HL93_serv_inv	BOBJ1	11	32	After	Interior Girder 1	32	0.95	1	1	2.109491
HL93_serv_inv	BOBJ1	11	32	After	Interior Girder 2	32	0.95	1	1	2.118323
HL93_serv_inv	BOBJ1	11	32	After	Interior Girder 3	32	0.95	1	1	2.15615
HL93_serv_inv	BOBJ1	11	32	After	Interior Girder 4	32	0.95	1	1	2.156692
HL93_serv_inv	BOBJ1	11	32	After	Interior Girder 5	32	0.95	1	1	2.118054
HL93_serv_inv	BOBJ1	11	32	After	Interior Girder 6	32	0.95	1	1	2.108961
HL93_serv_inv	BOBJ1	11	32	After	Right Exterior Girder	32	0.95	1	1	2.350721
HL93_serv_inv	BOBJ1	12	40	Before	Left Exterior Girder	40	0.95	1	1	2.460533
HL93_serv_inv	BOBJ1	12	40	Before	Interior Girder 1	40	0.95	1	1	2.126718
HL93_serv_inv	BOBJ1	12	40	Before	Interior Girder 2	40	0.95	1	1	2.147078
HL93_serv_inv	BOBJ1	12	40	Before	Interior Girder 3	40	0.95	1	1	2.198967
HL93_serv_inv	BOBJ1	12	40	Before	Interior Girder 4	40	0.95	1	1	2.203884

TABLE: Bridge Super Rating AASHTORATE18 31 - SteelICompServ-Flx - Approach, Span 4-6										
Request	BridgeObj	BridgeCut	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	Unitless	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
HL93_serv_inv	BOBJ1	12	40	Before	Interior Girder 5	40	0.95	1	1	2.142886
HL93_serv_inv	BOBJ1	12	40	Before	Interior Girder 6	40	0.95	1	1	2.129534
HL93_serv_inv	BOBJ1	12	40	Before	Right Exterior Girder	40	0.95	1	1	2.464001
HL93_serv_inv	BOBJ1	13	40	After	Left Exterior Girder	40	0.95	1	1	2.467706
HL93_serv_inv	BOBJ1	13	40	After	Interior Girder 1	40	0.95	1	1	2.128635
HL93_serv_inv	BOBJ1	13	40	After	Interior Girder 2	40	0.95	1	1	2.136519
HL93_serv_inv	BOBJ1	13	40	After	Interior Girder 3	40	0.95	1	1	2.188951
HL93_serv_inv	BOBJ1	13	40	After	Interior Girder 4	40	0.95	1	1	2.1918
HL93_serv_inv	BOBJ1	13	40	After	Interior Girder 5	40	0.95	1	1	2.131817
HL93_serv_inv	BOBJ1	13	40	After	Interior Girder 6	40	0.95	1	1	2.131575
HL93_serv_inv	BOBJ1	13	40	After	Right Exterior Girder	40	0.95	1	1	2.47128
HL93_serv_inv	BOBJ1	14	46.5	Before	Left Exterior Girder	46.5	0.95	1	1	2.655632
HL93_serv_inv	BOBJ1	14	46.5	Before	Right Exterior Girder	46.5	0.95	1	1	2.65973
HL93_serv_inv	BOBJ1	15	46.5	After	Left Exterior Girder	46.5	0.95	1	1	2.286869
HL93_serv_inv	BOBJ1	15	46.5	After	Right Exterior Girder	46.5	0.95	1	1	2.290505
HL93_serv_inv	BOBJ1	16	48	Before	Left Exterior Girder	48	0.95	1	1	2.345681
HL93_serv_inv	BOBJ1	16	48	Before	Interior Girder 1	48	0.95	1	1	2.554076
HL93_serv_inv	BOBJ1	16	48	Before	Interior Girder 2	48	0.95	1	1	2.59982
HL93_serv_inv	BOBJ1	16	48	Before	Interior Girder 3	48	0.95	1	1	2.631861
HL93_serv_inv	BOBJ1	16	48	Before	Interior Girder 4	48	0.95	1	1	2.633571
HL93_serv_inv	BOBJ1	16	48	Before	Interior Girder 5	48	0.95	1	1	2.601189
HL93_serv_inv	BOBJ1	16	48	Before	Interior Girder 6	48	0.95	1	1	2.553333
HL93_serv_inv	BOBJ1	16	48	Before	Right Exterior Girder	48	0.95	1	1	2.349486
HL93_serv_inv	BOBJ1	17	48	After	Left Exterior Girder	48	0.95	1	1	2.335772
HL93_serv_inv	BOBJ1	17	48	After	Interior Girder 1	48	0.95	1	1	2.58277
HL93_serv_inv	BOBJ1	17	48	After	Interior Girder 2	48	0.95	1	1	2.599647
HL93_serv_inv	BOBJ1	17	48	After	Interior Girder 3	48	0.95	1	1	2.624779
HL93_serv_inv	BOBJ1	17	48	After	Interior Girder 4	48	0.95	1	1	2.625841
HL93_serv_inv	BOBJ1	17	48	After	Interior Girder 5	48	0.95	1	1	2.599091
HL93_serv_inv	BOBJ1	17	48	After	Interior Girder 6	48	0.95	1	1	2.581948
HL93_serv_inv	BOBJ1	17	48	After	Right Exterior Girder	48	0.95	1	1	2.339953
HL93_serv_inv	BOBJ1	18	56	Before	Left Exterior Girder	56	0.95	1	1	3.18477
HL93_serv_inv	BOBJ1	18	56	Before	Interior Girder 1	56	0.95	1	1	3.509375
HL93_serv_inv	BOBJ1	18	56	Before	Interior Girder 2	56	0.95	1	1	3.448645
HL93_serv_inv	BOBJ1	18	56	Before	Interior Girder 3	56	0.95	1	1	3.553892
HL93_serv_inv	BOBJ1	18	56	Before	Interior Girder 4	56	0.95	1	1	3.571343
HL93_serv_inv	BOBJ1	18	56	Before	Interior Girder 5	56	0.95	1	1	3.441597
HL93_serv_inv	BOBJ1	18	56	Before	Interior Girder 6	56	0.95	1	1	3.516903
HL93_serv_inv	BOBJ1	18	56	Before	Right Exterior Girder	56	0.95	1	1	3.188779
HL93_serv_inv	BOBJ1	19	56	After	Left Exterior Girder	56	0.95	1	1	3.161288
HL93_serv_inv	BOBJ1	19	56	After	Interior Girder 1	56	0.95	1	1	3.554456
HL93_serv_inv	BOBJ1	19	56	After	Interior Girder 2	56	0.95	1	1	3.433623
HL93_serv_inv	BOBJ1	19	56	After	Interior Girder 3	56	0.95	1	1	3.502662
HL93_serv_inv	BOBJ1	19	56	After	Interior Girder 4	56	0.95	1	1	3.510455
HL93_serv_inv	BOBJ1	19	56	After	Interior Girder 5	56	0.95	1	1	3.423695
HL93_serv_inv	BOBJ1	19	56	After	Interior Girder 6	56	0.95	1	1	3.5624
HL93_serv_inv	BOBJ1	19	56	After	Right Exterior Girder	56	0.95	1	1	3.165752
HL93_serv_inv	BOBJ1	20	59	Before	Interior Girder 1	59	0.95	1	1	4.290284
HL93_serv_inv	BOBJ1	20	59	Before	Interior Girder 2	59	0.95	1	1	4.087843
HL93_serv_inv	BOBJ1	20	59	Before	Interior Girder 3	59	0.95	1	1	4.181379
HL93_serv_inv	BOBJ1	20	59	Before	Interior Girder 4	59	0.95	1	1	4.198788
HL93_serv_inv	BOBJ1	20	59	Before	Interior Girder 5	59	0.95	1	1	4.077527
HL93_serv_inv	BOBJ1	20	59	Before	Interior Girder 6	59	0.95	1	1	4.299993
HL93_serv_inv	BOBJ1	21	59	After	Interior Girder 1	59	0.95	1	1	2.463401
HL93_serv_inv	BOBJ1	21	59	After	Interior Girder 2	59	0.95	1	1	2.367532
HL93_serv_inv	BOBJ1	21	59	After	Interior Girder 3	59	0.95	1	1	2.358857
HL93_serv_inv	BOBJ1	21	59	After	Interior Girder 4	59	0.95	1	1	2.3675
HL93_serv_inv	BOBJ1	21	59	After	Interior Girder 5	59	0.95	1	1	2.36163
HL93_serv_inv	BOBJ1	21	59	After	Interior Girder 6	59	0.95	1	1	2.468918
HL93_serv_inv	BOBJ1	22	64	Before	Left Exterior Girder	64	0.95	1	1	4.84619
HL93_serv_inv	BOBJ1	22	64	Before	Interior Girder 1	64	0.95	1	1	2.997788
HL93_serv_inv	BOBJ1	22	64	Before	Interior Girder 2	64	0.95	1	1	3.040133
HL93_serv_inv	BOBJ1	22	64	Before	Interior Girder 3	64	0.95	1	1	3.159235
HL93_serv_inv	BOBJ1	22	64	Before	Interior Girder 4	64	0.95	1	1	3.157146
HL93_serv_inv	BOBJ1	22	64	Before	Interior Girder 5	64	0.95	1	1	3.036031
HL93_serv_inv	BOBJ1	22	64	Before	Interior Girder 6	64	0.95	1	1	2.998652
HL93_serv_inv	BOBJ1	22	64	Before	Right Exterior Girder	64	0.95	1	1	4.853637
HL93_serv_inv	BOBJ1	23	64	After	Left Exterior Girder	64	0.95	1	1	4.875955
HL93_serv_inv	BOBJ1	23	64	After	Interior Girder 1	64	0.95	1	1	2.974505
HL93_serv_inv	BOBJ1	23	64	After	Interior Girder 2	64	0.95	1	1	3.023009
HL93_serv_inv	BOBJ1	23	64	After	Interior Girder 3	64	0.95	1	1	3.162094
HL93_serv_inv	BOBJ1	23	64	After	Interior Girder 4	64	0.95	1	1	3.159993
HL93_serv_inv	BOBJ1	23	64	After	Interior Girder 5	64	0.95	1	1	3.019445

TABLE: Bridge Super Rating AASHTORATE18 31 - SteelICompServ-Flx - Approach, Span 4-6										
Request	BridgeObj	BridgeCut	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	Unitless	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
HL93_serv_inv	BOBJ1	23	64	After	Interior Girder 6	64	0.95	1	1	2.975224
HL93_serv_inv	BOBJ1	23	64	After	Right Exterior Girder	64	0.95	1	1	4.883731
HL93_serv_inv	BOBJ1	24	69	Before	Interior Girder 1	69	0.95	1	1	2.232271
HL93_serv_inv	BOBJ1	24	69	Before	Interior Girder 2	69	0.95	1	1	2.245901
HL93_serv_inv	BOBJ1	24	69	Before	Interior Girder 3	69	0.95	1	1	2.218479
HL93_serv_inv	BOBJ1	24	69	Before	Interior Girder 4	69	0.95	1	1	2.216805
HL93_serv_inv	BOBJ1	24	69	Before	Interior Girder 5	69	0.95	1	1	2.242233
HL93_serv_inv	BOBJ1	24	69	Before	Interior Girder 6	69	0.95	1	1	2.234026
HL93_serv_inv	BOBJ1	25	69	After	Interior Girder 1	69	0.95	1	1	4.70588
HL93_serv_inv	BOBJ1	25	69	After	Interior Girder 2	69	0.95	1	1	4.679065
HL93_serv_inv	BOBJ1	25	69	After	Interior Girder 3	69	0.95	1	1	4.667506
HL93_serv_inv	BOBJ1	25	69	After	Interior Girder 4	69	0.95	1	1	4.664361
HL93_serv_inv	BOBJ1	25	69	After	Interior Girder 5	69	0.95	1	1	4.672917
HL93_serv_inv	BOBJ1	25	69	After	Interior Girder 6	69	0.95	1	1	4.709155
HL93_serv_inv	BOBJ1	26	72	Before	Left Exterior Girder	72	0.95	1	1	3.397209
HL93_serv_inv	BOBJ1	26	72	Before	Interior Girder 1	72	0.95	1	1	4.05885
HL93_serv_inv	BOBJ1	26	72	Before	Interior Girder 2	72	0.95	1	1	4.009949
HL93_serv_inv	BOBJ1	26	72	Before	Interior Girder 3	72	0.95	1	1	3.882048
HL93_serv_inv	BOBJ1	26	72	Before	Interior Girder 4	72	0.95	1	1	3.879058
HL93_serv_inv	BOBJ1	26	72	Before	Interior Girder 5	72	0.95	1	1	4.002848
HL93_serv_inv	BOBJ1	26	72	Before	Interior Girder 6	72	0.95	1	1	4.062786
HL93_serv_inv	BOBJ1	26	72	Before	Right Exterior Girder	72	0.95	1	1	3.405245
HL93_serv_inv	BOBJ1	27	72	After	Left Exterior Girder	72	0.95	1	1	3.433046
HL93_serv_inv	BOBJ1	27	72	After	Interior Girder 1	72	0.95	1	1	4.003302
HL93_serv_inv	BOBJ1	27	72	After	Interior Girder 2	72	0.95	1	1	3.974173
HL93_serv_inv	BOBJ1	27	72	After	Interior Girder 3	72	0.95	1	1	3.870335
HL93_serv_inv	BOBJ1	27	72	After	Interior Girder 4	72	0.95	1	1	3.867789
HL93_serv_inv	BOBJ1	27	72	After	Interior Girder 5	72	0.95	1	1	3.96635
HL93_serv_inv	BOBJ1	27	72	After	Interior Girder 6	72	0.95	1	1	4.00745
HL93_serv_inv	BOBJ1	27	72	After	Right Exterior Girder	72	0.95	1	1	3.440994
HL93_serv_inv	BOBJ1	28	72.5	Before	Left Exterior Girder	72.5	0.95	1	1	3.295789
HL93_serv_inv	BOBJ1	28	72.5	Before	Right Exterior Girder	72.5	0.95	1	1	3.303274
HL93_serv_inv	BOBJ1	29	72.5	After	Left Exterior Girder	72.5	0.95	1	1	4.924736
HL93_serv_inv	BOBJ1	29	72.5	After	Right Exterior Girder	72.5	0.95	1	1	4.935889
HL93_serv_inv	BOBJ1	30	80	Before	Left Exterior Girder	80	0.95	1	1	3.158378
HL93_serv_inv	BOBJ1	30	80	Before	Interior Girder 1	80	0.95	1	1	2.44112
HL93_serv_inv	BOBJ1	30	80	Before	Interior Girder 2	80	0.95	1	1	2.358501
HL93_serv_inv	BOBJ1	30	80	Before	Interior Girder 3	80	0.95	1	1	2.020201
HL93_serv_inv	BOBJ1	30	80	Before	Interior Girder 4	80	0.95	1	1	2.020693
HL93_serv_inv	BOBJ1	30	80	Before	Interior Girder 5	80	0.95	1	1	2.350016
HL93_serv_inv	BOBJ1	30	80	Before	Interior Girder 6	80	0.95	1	1	2.448002
HL93_serv_inv	BOBJ1	30	80	Before	Right Exterior Girder	80	0.95	1	1	3.166555
HL93_serv_inv	BOBJ1	31	80	After	Left Exterior Girder	0	0.95	1	1	3.084114
HL93_serv_inv	BOBJ1	31	80	After	Interior Girder 1	0	0.95	1	1	2.398705
HL93_serv_inv	BOBJ1	31	80	After	Interior Girder 2	0	0.95	1	1	2.345704
HL93_serv_inv	BOBJ1	31	80	After	Interior Girder 3	0	0.95	1	1	2.005448
HL93_serv_inv	BOBJ1	31	80	After	Interior Girder 4	0	0.95	1	1	2.00645
HL93_serv_inv	BOBJ1	31	80	After	Interior Girder 5	0	0.95	1	1	2.335721
HL93_serv_inv	BOBJ1	31	80	After	Interior Girder 6	0	0.95	1	1	2.406297
HL93_serv_inv	BOBJ1	31	80	After	Right Exterior Girder	0	0.95	1	1	3.092267
HL93_serv_inv	BOBJ1	32	87.5	Before	Left Exterior Girder	7.5	0.95	1	1	5.035925
HL93_serv_inv	BOBJ1	32	87.5	Before	Right Exterior Girder	7.5	0.95	1	1	5.046919
HL93_serv_inv	BOBJ1	33	87.5	After	Left Exterior Girder	7.5	0.95	1	1	3.324915
HL93_serv_inv	BOBJ1	33	87.5	After	Right Exterior Girder	7.5	0.95	1	1	3.332226
HL93_serv_inv	BOBJ1	34	88	Before	Left Exterior Girder	8	0.95	1	1	3.448159
HL93_serv_inv	BOBJ1	34	88	Before	Interior Girder 1	8	0.95	1	1	3.873782
HL93_serv_inv	BOBJ1	34	88	Before	Interior Girder 2	8	0.95	1	1	3.820686
HL93_serv_inv	BOBJ1	34	88	Before	Interior Girder 3	8	0.95	1	1	3.692693
HL93_serv_inv	BOBJ1	34	88	Before	Interior Girder 4	8	0.95	1	1	3.690488
HL93_serv_inv	BOBJ1	34	88	Before	Interior Girder 5	8	0.95	1	1	3.814879
HL93_serv_inv	BOBJ1	34	88	Before	Interior Girder 6	8	0.95	1	1	3.879331
HL93_serv_inv	BOBJ1	34	88	Before	Right Exterior Girder	8	0.95	1	1	3.455805
HL93_serv_inv	BOBJ1	35	88	After	Left Exterior Girder	8	0.95	1	1	3.446042
HL93_serv_inv	BOBJ1	35	88	After	Interior Girder 1	8	0.95	1	1	3.89342
HL93_serv_inv	BOBJ1	35	88	After	Interior Girder 2	8	0.95	1	1	3.854268
HL93_serv_inv	BOBJ1	35	88	After	Interior Girder 3	8	0.95	1	1	3.702756
HL93_serv_inv	BOBJ1	35	88	After	Interior Girder 4	8	0.95	1	1	3.700074
HL93_serv_inv	BOBJ1	35	88	After	Interior Girder 5	8	0.95	1	1	3.847971
HL93_serv_inv	BOBJ1	35	88	After	Interior Girder 6	8	0.95	1	1	3.898231
HL93_serv_inv	BOBJ1	35	88	After	Right Exterior Girder	8	0.95	1	1	3.453902
HL93_serv_inv	BOBJ1	36	91	Before	Interior Girder 1	11	0.95	1	1	4.45239
HL93_serv_inv	BOBJ1	36	91	Before	Interior Girder 2	11	0.95	1	1	4.464014
HL93_serv_inv	BOBJ1	36	91	Before	Interior Girder 3	11	0.95	1	1	4.426378

TABLE: Bridge Super Rating AASHTORATE18 31 - SteelICompServ-Flx - Approach, Span 4-6										
Request	BridgeObj	BridgeCut	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	Unitless	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
HL93_serv_inv	BOBJ1	36	91	Before	Interior Girder 4	11	0.95	1	1	4.423303
HL93_serv_inv	BOBJ1	36	91	Before	Interior Girder 5	11	0.95	1	1	4.45584
HL93_serv_inv	BOBJ1	36	91	Before	Interior Girder 6	11	0.95	1	1	4.456416
HL93_serv_inv	BOBJ1	37	91	After	Interior Girder 1	11	0.95	1	1	1.964756
HL93_serv_inv	BOBJ1	37	91	After	Interior Girder 2	11	0.95	1	1	1.998627
HL93_serv_inv	BOBJ1	37	91	After	Interior Girder 3	11	0.95	1	1	1.962819
HL93_serv_inv	BOBJ1	37	91	After	Interior Girder 4	11	0.95	1	1	1.961561
HL93_serv_inv	BOBJ1	37	91	After	Interior Girder 5	11	0.95	1	1	1.995007
HL93_serv_inv	BOBJ1	37	91	After	Interior Girder 6	11	0.95	1	1	1.966637
HL93_serv_inv	BOBJ1	38	96	Before	Left Exterior Girder	16	0.95	1	1	5.218225
HL93_serv_inv	BOBJ1	38	96	Before	Interior Girder 1	16	0.95	1	1	2.58884
HL93_serv_inv	BOBJ1	38	96	Before	Interior Girder 2	16	0.95	1	1	2.671018
HL93_serv_inv	BOBJ1	38	96	Before	Interior Girder 3	16	0.95	1	1	2.806568
HL93_serv_inv	BOBJ1	38	96	Before	Interior Girder 4	16	0.95	1	1	2.804955
HL93_serv_inv	BOBJ1	38	96	Before	Interior Girder 5	16	0.95	1	1	2.667777
HL93_serv_inv	BOBJ1	38	96	Before	Interior Girder 6	16	0.95	1	1	2.589671
HL93_serv_inv	BOBJ1	38	96	Before	Right Exterior Girder	16	0.95	1	1	5.225504
HL93_serv_inv	BOBJ1	39	96	After	Left Exterior Girder	16	0.95	1	1	2.460806
HL93_serv_inv	BOBJ1	39	96	After	Interior Girder 1	16	0.95	1	1	2.622923
HL93_serv_inv	BOBJ1	39	96	After	Interior Girder 2	16	0.95	1	1	2.678695
HL93_serv_inv	BOBJ1	39	96	After	Interior Girder 3	16	0.95	1	1	2.787748
HL93_serv_inv	BOBJ1	39	96	After	Interior Girder 4	16	0.95	1	1	2.786085
HL93_serv_inv	BOBJ1	39	96	After	Interior Girder 5	16	0.95	1	1	2.674898
HL93_serv_inv	BOBJ1	39	96	After	Interior Girder 6	16	0.95	1	1	2.623801
HL93_serv_inv	BOBJ1	39	96	After	Right Exterior Girder	16	0.95	1	1	2.464293
HL93_serv_inv	BOBJ1	40	104	Before	Left Exterior Girder	24	0.95	1	1	3.558027
HL93_serv_inv	BOBJ1	40	104	Before	Interior Girder 1	24	0.95	1	1	3.105881
HL93_serv_inv	BOBJ1	40	104	Before	Interior Girder 2	24	0.95	1	1	2.982589
HL93_serv_inv	BOBJ1	40	104	Before	Interior Girder 3	24	0.95	1	1	2.966733
HL93_serv_inv	BOBJ1	40	104	Before	Interior Girder 4	24	0.95	1	1	2.981301
HL93_serv_inv	BOBJ1	40	104	Before	Interior Girder 5	24	0.95	1	1	2.975004
HL93_serv_inv	BOBJ1	40	104	Before	Interior Girder 6	24	0.95	1	1	3.114431
HL93_serv_inv	BOBJ1	40	104	Before	Right Exterior Girder	24	0.95	1	1	3.563703
HL93_serv_inv	BOBJ1	41	104	After	Left Exterior Girder	24	0.95	1	1	3.586997
HL93_serv_inv	BOBJ1	41	104	After	Interior Girder 1	24	0.95	1	1	3.054557
HL93_serv_inv	BOBJ1	41	104	After	Interior Girder 2	24	0.95	1	1	2.98092
HL93_serv_inv	BOBJ1	41	104	After	Interior Girder 3	24	0.95	1	1	3.014725
HL93_serv_inv	BOBJ1	41	104	After	Interior Girder 4	24	0.95	1	1	3.033563
HL93_serv_inv	BOBJ1	41	104	After	Interior Girder 5	24	0.95	1	1	2.976716
HL93_serv_inv	BOBJ1	41	104	After	Interior Girder 6	24	0.95	1	1	3.062626
HL93_serv_inv	BOBJ1	41	104	After	Right Exterior Girder	24	0.95	1	1	3.590938
HL93_serv_inv	BOBJ1	42	112	Before	Left Exterior Girder	32	0.95	1	1	2.34189
HL93_serv_inv	BOBJ1	42	112	Before	Interior Girder 1	32	0.95	1	1	2.371525
HL93_serv_inv	BOBJ1	42	112	Before	Interior Girder 2	32	0.95	1	1	2.369929
HL93_serv_inv	BOBJ1	42	112	Before	Interior Girder 3	32	0.95	1	1	2.386929
HL93_serv_inv	BOBJ1	42	112	Before	Interior Girder 4	32	0.95	1	1	2.388269
HL93_serv_inv	BOBJ1	42	112	Before	Interior Girder 5	32	0.95	1	1	2.372094
HL93_serv_inv	BOBJ1	42	112	Before	Interior Girder 6	32	0.95	1	1	2.370357
HL93_serv_inv	BOBJ1	42	112	Before	Right Exterior Girder	32	0.95	1	1	2.346383
HL93_serv_inv	BOBJ1	43	112	After	Left Exterior Girder	32	0.95	1	1	2.37663
HL93_serv_inv	BOBJ1	43	112	After	Interior Girder 1	32	0.95	1	1	2.347922
HL93_serv_inv	BOBJ1	43	112	After	Interior Girder 2	32	0.95	1	1	2.363623
HL93_serv_inv	BOBJ1	43	112	After	Interior Girder 3	32	0.95	1	1	2.392106
HL93_serv_inv	BOBJ1	43	112	After	Interior Girder 4	32	0.95	1	1	2.393022
HL93_serv_inv	BOBJ1	43	112	After	Interior Girder 5	32	0.95	1	1	2.36672
HL93_serv_inv	BOBJ1	43	112	After	Interior Girder 6	32	0.95	1	1	2.346854
HL93_serv_inv	BOBJ1	43	112	After	Right Exterior Girder	32	0.95	1	1	2.380963
HL93_serv_inv	BOBJ1	44	120	Before	Left Exterior Girder	40	0.95	1	1	2.208169
HL93_serv_inv	BOBJ1	44	120	Before	Interior Girder 1	40	0.95	1	1	2.093978
HL93_serv_inv	BOBJ1	44	120	Before	Interior Girder 2	40	0.95	1	1	2.094664
HL93_serv_inv	BOBJ1	44	120	Before	Interior Girder 3	40	0.95	1	1	2.141953
HL93_serv_inv	BOBJ1	44	120	Before	Interior Girder 4	40	0.95	1	1	2.147567
HL93_serv_inv	BOBJ1	44	120	Before	Interior Girder 5	40	0.95	1	1	2.089644
HL93_serv_inv	BOBJ1	44	120	Before	Interior Girder 6	40	0.95	1	1	2.097516
HL93_serv_inv	BOBJ1	44	120	Before	Right Exterior Girder	40	0.95	1	1	2.211497
HL93_serv_inv	BOBJ1	45	120	After	Left Exterior Girder	40	0.95	1	1	2.211315
HL93_serv_inv	BOBJ1	45	120	After	Interior Girder 1	40	0.95	1	1	2.092164
HL93_serv_inv	BOBJ1	45	120	After	Interior Girder 2	40	0.95	1	1	2.094277
HL93_serv_inv	BOBJ1	45	120	After	Interior Girder 3	40	0.95	1	1	2.142192
HL93_serv_inv	BOBJ1	45	120	After	Interior Girder 4	40	0.95	1	1	2.147574
HL93_serv_inv	BOBJ1	45	120	After	Interior Girder 5	40	0.95	1	1	2.089204
HL93_serv_inv	BOBJ1	45	120	After	Interior Girder 6	40	0.95	1	1	2.095706
HL93_serv_inv	BOBJ1	45	120	After	Right Exterior Girder	40	0.95	1	1	2.214649

TABLE: Bridge Super Rating AASHTORATE18 31 - SteelICompServ-Flx - Approach, Span 4-6										
Request	BridgeObj	BridgeCut	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	Unitless	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
HL93_serv_inv	BOBJ1	46	128	Before	Left Exterior Girder	48	0.95	1	1	2.337915
HL93_serv_inv	BOBJ1	46	128	Before	Interior Girder 1	48	0.95	1	1	2.329057
HL93_serv_inv	BOBJ1	46	128	Before	Interior Girder 2	48	0.95	1	1	2.346972
HL93_serv_inv	BOBJ1	46	128	Before	Interior Girder 3	48	0.95	1	1	2.376966
HL93_serv_inv	BOBJ1	46	128	Before	Interior Girder 4	48	0.95	1	1	2.377879
HL93_serv_inv	BOBJ1	46	128	Before	Interior Girder 5	48	0.95	1	1	2.349962
HL93_serv_inv	BOBJ1	46	128	Before	Interior Girder 6	48	0.95	1	1	2.328007
HL93_serv_inv	BOBJ1	46	128	Before	Right Exterior Girder	48	0.95	1	1	2.342168
HL93_serv_inv	BOBJ1	47	128	After	Left Exterior Girder	48	0.95	1	1	2.309023
HL93_serv_inv	BOBJ1	47	128	After	Interior Girder 1	48	0.95	1	1	2.347287
HL93_serv_inv	BOBJ1	47	128	After	Interior Girder 2	48	0.95	1	1	2.352862
HL93_serv_inv	BOBJ1	47	128	After	Interior Girder 3	48	0.95	1	1	2.372712
HL93_serv_inv	BOBJ1	47	128	After	Interior Girder 4	48	0.95	1	1	2.37396
HL93_serv_inv	BOBJ1	47	128	After	Interior Girder 5	48	0.95	1	1	2.354892
HL93_serv_inv	BOBJ1	47	128	After	Interior Girder 6	48	0.95	1	1	2.346149
HL93_serv_inv	BOBJ1	47	128	After	Right Exterior Girder	48	0.95	1	1	2.313434
HL93_serv_inv	BOBJ1	48	136	Before	Left Exterior Girder	56	0.95	1	1	3.51263
HL93_serv_inv	BOBJ1	48	136	Before	Interior Girder 1	56	0.95	1	1	3.000674
HL93_serv_inv	BOBJ1	48	136	Before	Interior Girder 2	56	0.95	1	1	2.93909
HL93_serv_inv	BOBJ1	48	136	Before	Interior Girder 3	56	0.95	1	1	2.976792
HL93_serv_inv	BOBJ1	48	136	Before	Interior Girder 4	56	0.95	1	1	2.995148
HL93_serv_inv	BOBJ1	48	136	Before	Interior Girder 5	56	0.95	1	1	2.93481
HL93_serv_inv	BOBJ1	48	136	Before	Interior Girder 6	56	0.95	1	1	3.008449
HL93_serv_inv	BOBJ1	48	136	Before	Right Exterior Girder	56	0.95	1	1	3.516363
HL93_serv_inv	BOBJ1	49	136	After	Left Exterior Girder	56	0.95	1	1	3.432171
HL93_serv_inv	BOBJ1	49	136	After	Interior Girder 1	56	0.95	1	1	3.045814
HL93_serv_inv	BOBJ1	49	136	After	Interior Girder 2	56	0.95	1	1	2.941007
HL93_serv_inv	BOBJ1	49	136	After	Interior Girder 3	56	0.95	1	1	2.932123
HL93_serv_inv	BOBJ1	49	136	After	Interior Girder 4	56	0.95	1	1	2.945809
HL93_serv_inv	BOBJ1	49	136	After	Interior Girder 5	56	0.95	1	1	2.933281
HL93_serv_inv	BOBJ1	49	136	After	Interior Girder 6	56	0.95	1	1	3.054042
HL93_serv_inv	BOBJ1	49	136	After	Right Exterior Girder	56	0.95	1	1	3.437651
HL93_serv_inv	BOBJ1	50	144	Before	Left Exterior Girder	64	0.95	1	1	2.436305
HL93_serv_inv	BOBJ1	50	144	Before	Interior Girder 1	64	0.95	1	1	2.582934
HL93_serv_inv	BOBJ1	50	144	Before	Interior Girder 2	64	0.95	1	1	2.65911
HL93_serv_inv	BOBJ1	50	144	Before	Interior Girder 3	64	0.95	1	1	2.789853
HL93_serv_inv	BOBJ1	50	144	Before	Interior Girder 4	64	0.95	1	1	2.788286
HL93_serv_inv	BOBJ1	50	144	Before	Interior Girder 5	64	0.95	1	1	2.655626
HL93_serv_inv	BOBJ1	50	144	Before	Interior Girder 6	64	0.95	1	1	2.583685
HL93_serv_inv	BOBJ1	50	144	Before	Right Exterior Girder	64	0.95	1	1	2.439518
HL93_serv_inv	BOBJ1	51	144	After	Left Exterior Girder	64	0.95	1	1	4.773183
HL93_serv_inv	BOBJ1	51	144	After	Interior Girder 1	64	0.95	1	1	2.543519
HL93_serv_inv	BOBJ1	51	144	After	Interior Girder 2	64	0.95	1	1	2.650102
HL93_serv_inv	BOBJ1	51	144	After	Interior Girder 3	64	0.95	1	1	2.806763
HL93_serv_inv	BOBJ1	51	144	After	Interior Girder 4	64	0.95	1	1	2.8052
HL93_serv_inv	BOBJ1	51	144	After	Interior Girder 5	64	0.95	1	1	2.647066
HL93_serv_inv	BOBJ1	51	144	After	Interior Girder 6	64	0.95	1	1	2.544245
HL93_serv_inv	BOBJ1	51	144	After	Right Exterior Girder	64	0.95	1	1	4.779419
HL93_serv_inv	BOBJ1	52	150	Before	Interior Girder 1	70	0.95	1	1	1.817909
HL93_serv_inv	BOBJ1	52	150	Before	Interior Girder 2	70	0.95	1	1	1.863188
HL93_serv_inv	BOBJ1	52	150	Before	Interior Girder 3	70	0.95	1	1	1.83269
HL93_serv_inv	BOBJ1	52	150	Before	Interior Girder 4	70	0.95	1	1	1.831576
HL93_serv_inv	BOBJ1	52	150	Before	Interior Girder 5	70	0.95	1	1	1.860623
HL93_serv_inv	BOBJ1	52	150	Before	Interior Girder 6	70	0.95	1	1	1.819663
HL93_serv_inv	BOBJ1	53	150	After	Interior Girder 1	70	0.95	1	1	3.951087
HL93_serv_inv	BOBJ1	53	150	After	Interior Girder 2	70	0.95	1	1	3.969437
HL93_serv_inv	BOBJ1	53	150	After	Interior Girder 3	70	0.95	1	1	3.942271
HL93_serv_inv	BOBJ1	53	150	After	Interior Girder 4	70	0.95	1	1	3.939522
HL93_serv_inv	BOBJ1	53	150	After	Interior Girder 5	70	0.95	1	1	3.963598
HL93_serv_inv	BOBJ1	53	150	After	Interior Girder 6	70	0.95	1	1	3.954681
HL93_serv_inv	BOBJ1	54	152	Before	Left Exterior Girder	72	0.95	1	1	3.132264
HL93_serv_inv	BOBJ1	54	152	Before	Interior Girder 1	72	0.95	1	1	3.587168
HL93_serv_inv	BOBJ1	54	152	Before	Interior Girder 2	72	0.95	1	1	3.591653
HL93_serv_inv	BOBJ1	54	152	Before	Interior Girder 3	72	0.95	1	1	3.492625
HL93_serv_inv	BOBJ1	54	152	Before	Interior Girder 4	72	0.95	1	1	3.490322
HL93_serv_inv	BOBJ1	54	152	Before	Interior Girder 5	72	0.95	1	1	3.586685
HL93_serv_inv	BOBJ1	54	152	Before	Interior Girder 6	72	0.95	1	1	3.591191
HL93_serv_inv	BOBJ1	54	152	Before	Right Exterior Girder	72	0.95	1	1	3.139188
HL93_serv_inv	BOBJ1	55	152	After	Left Exterior Girder	72	0.95	1	1	3.157449
HL93_serv_inv	BOBJ1	55	152	After	Interior Girder 1	72	0.95	1	1	3.562878
HL93_serv_inv	BOBJ1	55	152	After	Interior Girder 2	72	0.95	1	1	3.563444
HL93_serv_inv	BOBJ1	55	152	After	Interior Girder 3	72	0.95	1	1	3.483991
HL93_serv_inv	BOBJ1	55	152	After	Interior Girder 4	72	0.95	1	1	3.482014

TABLE: Bridge Super Rating AASHTORATE18 31 - SteelICompServ-Flx - Approach, Span 4-6										
Request	BridgeObj	BridgeCut	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	Unitless	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
HL93_serv_inv	BOBJ1	55	152	After	Interior Girder 5	72	0.95	1	1	3.558551
HL93_serv_inv	BOBJ1	55	152	After	Interior Girder 6	72	0.95	1	1	3.567424
HL93_serv_inv	BOBJ1	55	152	After	Right Exterior Girder	72	0.95	1	1	3.164269
HL93_serv_inv	BOBJ1	56	154	Before	Left Exterior Girder	74	0.95	1	1	2.738375
HL93_serv_inv	BOBJ1	56	154	Before	Right Exterior Girder	74	0.95	1	1	2.744411
HL93_serv_inv	BOBJ1	57	154	After	Left Exterior Girder	74	0.95	1	1	4.164611
HL93_serv_inv	BOBJ1	57	154	After	Right Exterior Girder	74	0.95	1	1	4.173729
HL93_serv_inv	BOBJ1	58	160	Before	Left Exterior Girder	80	0.95	1	1	2.84487
HL93_serv_inv	BOBJ1	58	160	Before	Interior Girder 1	80	0.95	1	1	2.253927
HL93_serv_inv	BOBJ1	58	160	Before	Interior Girder 2	80	0.95	1	1	2.211709
HL93_serv_inv	BOBJ1	58	160	Before	Interior Girder 3	80	0.95	1	1	1.905814
HL93_serv_inv	BOBJ1	58	160	Before	Interior Girder 4	80	0.95	1	1	1.906732
HL93_serv_inv	BOBJ1	58	160	Before	Interior Girder 5	80	0.95	1	1	2.202095
HL93_serv_inv	BOBJ1	58	160	Before	Interior Girder 6	80	0.95	1	1	2.259507
HL93_serv_inv	BOBJ1	58	160	Before	Right Exterior Girder	80	0.95	1	1	2.851861
HL93_serv_inv	BOBJ1	59	160	After	Left Exterior Girder	0	0.95	1	1	2.817512
HL93_serv_inv	BOBJ1	59	160	After	Interior Girder 1	0	0.95	1	1	2.198771
HL93_serv_inv	BOBJ1	59	160	After	Interior Girder 2	0	0.95	1	1	2.18313
HL93_serv_inv	BOBJ1	59	160	After	Interior Girder 3	0	0.95	1	1	1.884454
HL93_serv_inv	BOBJ1	59	160	After	Interior Girder 4	0	0.95	1	1	1.884913
HL93_serv_inv	BOBJ1	59	160	After	Interior Girder 5	0	0.95	1	1	2.175943
HL93_serv_inv	BOBJ1	59	160	After	Interior Girder 6	0	0.95	1	1	2.205559
HL93_serv_inv	BOBJ1	59	160	After	Right Exterior Girder	0	0.95	1	1	2.824721
HL93_serv_inv	BOBJ1	60	166	Before	Left Exterior Girder	6	0.95	1	1	4.311474
HL93_serv_inv	BOBJ1	60	166	Before	Right Exterior Girder	6	0.95	1	1	4.321284
HL93_serv_inv	BOBJ1	61	166	After	Left Exterior Girder	6	0.95	1	1	2.856585
HL93_serv_inv	BOBJ1	61	166	After	Right Exterior Girder	6	0.95	1	1	2.863134
HL93_serv_inv	BOBJ1	62	168	Before	Left Exterior Girder	8	0.95	1	1	3.325302
HL93_serv_inv	BOBJ1	62	168	Before	Interior Girder 1	8	0.95	1	1	3.864043
HL93_serv_inv	BOBJ1	62	168	Before	Interior Girder 2	8	0.95	1	1	3.858066
HL93_serv_inv	BOBJ1	62	168	Before	Interior Girder 3	8	0.95	1	1	3.754459
HL93_serv_inv	BOBJ1	62	168	Before	Interior Girder 4	8	0.95	1	1	3.752038
HL93_serv_inv	BOBJ1	62	168	Before	Interior Girder 5	8	0.95	1	1	3.850554
HL93_serv_inv	BOBJ1	62	168	Before	Interior Girder 6	8	0.95	1	1	3.86802
HL93_serv_inv	BOBJ1	62	168	Before	Right Exterior Girder	8	0.95	1	1	3.3327
HL93_serv_inv	BOBJ1	63	168	After	Left Exterior Girder	8	0.95	1	1	3.275942
HL93_serv_inv	BOBJ1	63	168	After	Interior Girder 1	8	0.95	1	1	3.92499
HL93_serv_inv	BOBJ1	63	168	After	Interior Girder 2	8	0.95	1	1	3.890329
HL93_serv_inv	BOBJ1	63	168	After	Interior Girder 3	8	0.95	1	1	3.767362
HL93_serv_inv	BOBJ1	63	168	After	Interior Girder 4	8	0.95	1	1	3.76456
HL93_serv_inv	BOBJ1	63	168	After	Interior Girder 5	8	0.95	1	1	3.883716
HL93_serv_inv	BOBJ1	63	168	After	Interior Girder 6	8	0.95	1	1	3.928655
HL93_serv_inv	BOBJ1	63	168	After	Right Exterior Girder	8	0.95	1	1	3.283485
HL93_serv_inv	BOBJ1	64	170	Before	Interior Girder 1	10	0.95	1	1	4.370072
HL93_serv_inv	BOBJ1	64	170	Before	Interior Girder 2	10	0.95	1	1	4.336757
HL93_serv_inv	BOBJ1	64	170	Before	Interior Girder 3	10	0.95	1	1	4.29002
HL93_serv_inv	BOBJ1	64	170	Before	Interior Girder 4	10	0.95	1	1	4.286236
HL93_serv_inv	BOBJ1	64	170	Before	Interior Girder 5	10	0.95	1	1	4.328874
HL93_serv_inv	BOBJ1	64	170	Before	Interior Girder 6	10	0.95	1	1	4.37405
HL93_serv_inv	BOBJ1	65	170	After	Interior Girder 1	10	0.95	1	1	2.14306
HL93_serv_inv	BOBJ1	65	170	After	Interior Girder 2	10	0.95	1	1	2.166602
HL93_serv_inv	BOBJ1	65	170	After	Interior Girder 3	10	0.95	1	1	2.11839
HL93_serv_inv	BOBJ1	65	170	After	Interior Girder 4	10	0.95	1	1	2.116448
HL93_serv_inv	BOBJ1	65	170	After	Interior Girder 5	10	0.95	1	1	2.162164
HL93_serv_inv	BOBJ1	65	170	After	Interior Girder 6	10	0.95	1	1	2.145167
HL93_serv_inv	BOBJ1	66	176	Before	Left Exterior Girder	16	0.95	1	1	4.874598
HL93_serv_inv	BOBJ1	66	176	Before	Interior Girder 1	16	0.95	1	1	3.067115
HL93_serv_inv	BOBJ1	66	176	Before	Interior Girder 2	16	0.95	1	1	3.137345
HL93_serv_inv	BOBJ1	66	176	Before	Interior Girder 3	16	0.95	1	1	3.286399
HL93_serv_inv	BOBJ1	66	176	Before	Interior Girder 4	16	0.95	1	1	3.284224
HL93_serv_inv	BOBJ1	66	176	Before	Interior Girder 5	16	0.95	1	1	3.133648
HL93_serv_inv	BOBJ1	66	176	Before	Interior Girder 6	16	0.95	1	1	3.067913
HL93_serv_inv	BOBJ1	66	176	Before	Right Exterior Girder	16	0.95	1	1	4.882632
HL93_serv_inv	BOBJ1	67	176	After	Left Exterior Girder	16	0.95	1	1	4.828217
HL93_serv_inv	BOBJ1	67	176	After	Interior Girder 1	16	0.95	1	1	3.101399
HL93_serv_inv	BOBJ1	67	176	After	Interior Girder 2	16	0.95	1	1	3.157565
HL93_serv_inv	BOBJ1	67	176	After	Interior Girder 3	16	0.95	1	1	3.283635
HL93_serv_inv	BOBJ1	67	176	After	Interior Girder 4	16	0.95	1	1	3.28149
HL93_serv_inv	BOBJ1	67	176	After	Interior Girder 5	16	0.95	1	1	3.152905
HL93_serv_inv	BOBJ1	67	176	After	Interior Girder 6	16	0.95	1	1	3.102277
HL93_serv_inv	BOBJ1	67	176	After	Right Exterior Girder	16	0.95	1	1	4.836086
HL93_serv_inv	BOBJ1	68	181	Before	Interior Girder 1	21	0.95	1	1	2.5149
HL93_serv_inv	BOBJ1	68	181	Before	Interior Girder 2	21	0.95	1	1	2.404559

TABLE: Bridge Super Rating AASHTORATE18 31 - SteelICompServ-Flx - Approach, Span 4-6										
Request	BridgeObj	BridgeCut	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	Unitless	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
HL93_serv_inv	BOBJ1	68	181	Before	Interior Girder 3	21	0.95	1	1	2.407264
HL93_serv_inv	BOBJ1	68	181	Before	Interior Girder 4	21	0.95	1	1	2.416518
HL93_serv_inv	BOBJ1	68	181	Before	Interior Girder 5	21	0.95	1	1	2.398563
HL93_serv_inv	BOBJ1	68	181	Before	Interior Girder 6	21	0.95	1	1	2.520537
HL93_serv_inv	BOBJ1	69	181	After	Interior Girder 1	21	0.95	1	1	4.030963
HL93_serv_inv	BOBJ1	69	181	After	Interior Girder 2	21	0.95	1	1	3.82366
HL93_serv_inv	BOBJ1	69	181	After	Interior Girder 3	21	0.95	1	1	3.921087
HL93_serv_inv	BOBJ1	69	181	After	Interior Girder 4	21	0.95	1	1	3.937929
HL93_serv_inv	BOBJ1	69	181	After	Interior Girder 5	21	0.95	1	1	3.813884
HL93_serv_inv	BOBJ1	69	181	After	Interior Girder 6	21	0.95	1	1	4.040122
HL93_serv_inv	BOBJ1	70	184	Before	Left Exterior Girder	24	0.95	1	1	3.275776
HL93_serv_inv	BOBJ1	70	184	Before	Interior Girder 1	24	0.95	1	1	3.301725
HL93_serv_inv	BOBJ1	70	184	Before	Interior Girder 2	24	0.95	1	1	3.197562
HL93_serv_inv	BOBJ1	70	184	Before	Interior Girder 3	24	0.95	1	1	3.277881
HL93_serv_inv	BOBJ1	70	184	Before	Interior Girder 4	24	0.95	1	1	3.286326
HL93_serv_inv	BOBJ1	70	184	Before	Interior Girder 5	24	0.95	1	1	3.188232
HL93_serv_inv	BOBJ1	70	184	Before	Interior Girder 6	24	0.95	1	1	3.309124
HL93_serv_inv	BOBJ1	70	184	Before	Right Exterior Girder	24	0.95	1	1	3.280238
HL93_serv_inv	BOBJ1	71	184	After	Left Exterior Girder	24	0.95	1	1	3.303293
HL93_serv_inv	BOBJ1	71	184	After	Interior Girder 1	24	0.95	1	1	3.265087
HL93_serv_inv	BOBJ1	71	184	After	Interior Girder 2	24	0.95	1	1	3.205573
HL93_serv_inv	BOBJ1	71	184	After	Interior Girder 3	24	0.95	1	1	3.319299
HL93_serv_inv	BOBJ1	71	184	After	Interior Girder 4	24	0.95	1	1	3.336212
HL93_serv_inv	BOBJ1	71	184	After	Interior Girder 5	24	0.95	1	1	3.198697
HL93_serv_inv	BOBJ1	71	184	After	Interior Girder 6	24	0.95	1	1	3.272094
HL93_serv_inv	BOBJ1	71	184	After	Right Exterior Girder	24	0.95	1	1	3.307319
HL93_serv_inv	BOBJ1	72	192	Before	Left Exterior Girder	32	0.95	1	1	2.418549
HL93_serv_inv	BOBJ1	72	192	Before	Interior Girder 1	32	0.95	1	1	2.338745
HL93_serv_inv	BOBJ1	72	192	Before	Interior Girder 2	32	0.95	1	1	2.390765
HL93_serv_inv	BOBJ1	72	192	Before	Interior Girder 3	32	0.95	1	1	2.433178
HL93_serv_inv	BOBJ1	72	192	Before	Interior Girder 4	32	0.95	1	1	2.434419
HL93_serv_inv	BOBJ1	72	192	Before	Interior Girder 5	32	0.95	1	1	2.390328
HL93_serv_inv	BOBJ1	72	192	Before	Interior Girder 6	32	0.95	1	1	2.338058
HL93_serv_inv	BOBJ1	72	192	Before	Right Exterior Girder	32	0.95	1	1	2.422777
HL93_serv_inv	BOBJ1	73	192	After	Left Exterior Girder	32	0.95	1	1	2.43563
HL93_serv_inv	BOBJ1	73	192	After	Interior Girder 1	32	0.95	1	1	2.311654
HL93_serv_inv	BOBJ1	73	192	After	Interior Girder 2	32	0.95	1	1	2.384504
HL93_serv_inv	BOBJ1	73	192	After	Interior Girder 3	32	0.95	1	1	2.433643
HL93_serv_inv	BOBJ1	73	192	After	Interior Girder 4	32	0.95	1	1	2.435236
HL93_serv_inv	BOBJ1	73	192	After	Interior Girder 5	32	0.95	1	1	2.384854
HL93_serv_inv	BOBJ1	73	192	After	Interior Girder 6	32	0.95	1	1	2.311081
HL93_serv_inv	BOBJ1	73	192	After	Right Exterior Girder	32	0.95	1	1	2.439423
HL93_serv_inv	BOBJ1	74	200	Before	Left Exterior Girder	40	0.95	1	1	2.095235
HL93_serv_inv	BOBJ1	74	200	Before	Interior Girder 1	40	0.95	1	1	1.893832
HL93_serv_inv	BOBJ1	74	200	Before	Interior Girder 2	40	0.95	1	1	1.953464
HL93_serv_inv	BOBJ1	74	200	Before	Interior Girder 3	40	0.95	1	1	2.018771
HL93_serv_inv	BOBJ1	74	200	Before	Interior Girder 4	40	0.95	1	1	2.021396
HL93_serv_inv	BOBJ1	74	200	Before	Interior Girder 5	40	0.95	1	1	1.949139
HL93_serv_inv	BOBJ1	74	200	Before	Interior Girder 6	40	0.95	1	1	1.896463
HL93_serv_inv	BOBJ1	74	200	Before	Right Exterior Girder	40	0.95	1	1	2.098139
HL93_serv_inv	BOBJ1	75	200	After	Left Exterior Girder	40	0.95	1	1	2.110496
HL93_serv_inv	BOBJ1	75	200	After	Interior Girder 1	40	0.95	1	1	1.886506
HL93_serv_inv	BOBJ1	75	200	After	Interior Girder 2	40	0.95	1	1	1.958023
HL93_serv_inv	BOBJ1	75	200	After	Interior Girder 3	40	0.95	1	1	2.022715
HL93_serv_inv	BOBJ1	75	200	After	Interior Girder 4	40	0.95	1	1	2.027395
HL93_serv_inv	BOBJ1	75	200	After	Interior Girder 5	40	0.95	1	1	1.953698
HL93_serv_inv	BOBJ1	75	200	After	Interior Girder 6	40	0.95	1	1	1.889038
HL93_serv_inv	BOBJ1	75	200	After	Right Exterior Girder	40	0.95	1	1	2.113355
HL93_serv_inv	BOBJ1	76	208	Before	Left Exterior Girder	48	0.95	1	1	1.972591
HL93_serv_inv	BOBJ1	76	208	Before	Interior Girder 1	48	0.95	1	1	1.840741
HL93_serv_inv	BOBJ1	76	208	Before	Interior Girder 2	48	0.95	1	1	1.932109
HL93_serv_inv	BOBJ1	76	208	Before	Interior Girder 3	48	0.95	1	1	1.988516
HL93_serv_inv	BOBJ1	76	208	Before	Interior Girder 4	48	0.95	1	1	1.989239
HL93_serv_inv	BOBJ1	76	208	Before	Interior Girder 5	48	0.95	1	1	1.931332
HL93_serv_inv	BOBJ1	76	208	Before	Interior Girder 6	48	0.95	1	1	1.840364
HL93_serv_inv	BOBJ1	76	208	Before	Right Exterior Girder	48	0.95	1	1	1.975683
HL93_serv_inv	BOBJ1	77	208	After	Left Exterior Girder	48	0.95	1	1	1.964403
HL93_serv_inv	BOBJ1	77	208	After	Interior Girder 1	48	0.95	1	1	1.842371
HL93_serv_inv	BOBJ1	77	208	After	Interior Girder 2	48	0.95	1	1	1.933091
HL93_serv_inv	BOBJ1	77	208	After	Interior Girder 3	48	0.95	1	1	1.984798
HL93_serv_inv	BOBJ1	77	208	After	Interior Girder 4	48	0.95	1	1	1.985103
HL93_serv_inv	BOBJ1	77	208	After	Interior Girder 5	48	0.95	1	1	1.932417
HL93_serv_inv	BOBJ1	77	208	After	Interior Girder 6	48	0.95	1	1	1.841962

TABLE: Bridge Super Rating AASHTORATE18 31 - SteelICompServ-Flx - Approach, Span 4-6										
Request	BridgeObj	BridgeCut	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	Unitless	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
HL93_serv_inv	BOBJ1	77	208	After	Right Exterior Girder	48	0.95	1	1	1.967602
HL93_serv_inv	BOBJ1	78	216	Before	Left Exterior Girder	56	0.95	1	1	2.302311
HL93_serv_inv	BOBJ1	78	216	Before	Interior Girder 1	56	0.95	1	1	2.019657
HL93_serv_inv	BOBJ1	78	216	Before	Interior Girder 2	56	0.95	1	1	2.073727
HL93_serv_inv	BOBJ1	78	216	Before	Interior Girder 3	56	0.95	1	1	2.156856
HL93_serv_inv	BOBJ1	78	216	Before	Interior Girder 4	56	0.95	1	1	2.162267
HL93_serv_inv	BOBJ1	78	216	Before	Interior Girder 5	56	0.95	1	1	2.068635
HL93_serv_inv	BOBJ1	78	216	Before	Interior Girder 6	56	0.95	1	1	2.022754
HL93_serv_inv	BOBJ1	78	216	Before	Right Exterior Girder	56	0.95	1	1	2.305112
HL93_serv_inv	BOBJ1	79	216	After	Left Exterior Girder	56	0.95	1	1	2.270827
HL93_serv_inv	BOBJ1	79	216	After	Interior Girder 1	56	0.95	1	1	2.036636
HL93_serv_inv	BOBJ1	79	216	After	Interior Girder 2	56	0.95	1	1	2.071116
HL93_serv_inv	BOBJ1	79	216	After	Interior Girder 3	56	0.95	1	1	2.146333
HL93_serv_inv	BOBJ1	79	216	After	Interior Girder 4	56	0.95	1	1	2.148383
HL93_serv_inv	BOBJ1	79	216	After	Interior Girder 5	56	0.95	1	1	2.065929
HL93_serv_inv	BOBJ1	79	216	After	Interior Girder 6	56	0.95	1	1	2.039917
HL93_serv_inv	BOBJ1	79	216	After	Right Exterior Girder	56	0.95	1	1	2.274036
HL93_serv_inv	BOBJ1	80	224	Before	Left Exterior Girder	64	0.95	1	1	3.009757
HL93_serv_inv	BOBJ1	80	224	Before	Interior Girder 1	64	0.95	1	1	2.768592
HL93_serv_inv	BOBJ1	80	224	Before	Interior Girder 2	64	0.95	1	1	2.792164
HL93_serv_inv	BOBJ1	80	224	Before	Interior Girder 3	64	0.95	1	1	2.864932
HL93_serv_inv	BOBJ1	80	224	Before	Interior Girder 4	64	0.95	1	1	2.86651
HL93_serv_inv	BOBJ1	80	224	Before	Interior Girder 5	64	0.95	1	1	2.793284
HL93_serv_inv	BOBJ1	80	224	Before	Interior Girder 6	64	0.95	1	1	2.768259
HL93_serv_inv	BOBJ1	80	224	Before	Right Exterior Girder	64	0.95	1	1	3.014373
HL93_serv_inv	BOBJ1	81	224	After	Left Exterior Girder	64	0.95	1	1	2.971853
HL93_serv_inv	BOBJ1	81	224	After	Interior Girder 1	64	0.95	1	1	2.821212
HL93_serv_inv	BOBJ1	81	224	After	Interior Girder 2	64	0.95	1	1	2.786093
HL93_serv_inv	BOBJ1	81	224	After	Interior Girder 3	64	0.95	1	1	2.841631
HL93_serv_inv	BOBJ1	81	224	After	Interior Girder 4	64	0.95	1	1	2.841676
HL93_serv_inv	BOBJ1	81	224	After	Interior Girder 5	64	0.95	1	1	2.784368
HL93_serv_inv	BOBJ1	81	224	After	Interior Girder 6	64	0.95	1	1	2.821046
HL93_serv_inv	BOBJ1	81	224	After	Right Exterior Girder	64	0.95	1	1	2.976926
HL93_serv_inv	BOBJ1	82	232	Before	Left Exterior Girder	72	0.95	1	1	5.487157
HL93_serv_inv	BOBJ1	82	232	Before	Interior Girder 1	72	0.95	1	1	5.025922
HL93_serv_inv	BOBJ1	82	232	Before	Interior Girder 2	72	0.95	1	1	4.839045
HL93_serv_inv	BOBJ1	82	232	Before	Interior Girder 3	72	0.95	1	1	4.978446
HL93_serv_inv	BOBJ1	82	232	Before	Interior Girder 4	72	0.95	1	1	5.014679
HL93_serv_inv	BOBJ1	82	232	Before	Interior Girder 5	72	0.95	1	1	4.839608
HL93_serv_inv	BOBJ1	82	232	Before	Interior Girder 6	72	0.95	1	1	5.03908
HL93_serv_inv	BOBJ1	82	232	Before	Right Exterior Girder	72	0.95	1	1	5.493613
HL93_serv_inv	BOBJ1	83	232	After	Left Exterior Girder	72	0.95	1	1	5.487587
HL93_serv_inv	BOBJ1	83	232	After	Interior Girder 1	72	0.95	1	1	5.025018
HL93_serv_inv	BOBJ1	83	232	After	Interior Girder 2	72	0.95	1	1	4.77925
HL93_serv_inv	BOBJ1	83	232	After	Interior Girder 3	72	0.95	1	1	4.75358
HL93_serv_inv	BOBJ1	83	232	After	Interior Girder 4	72	0.95	1	1	4.775871
HL93_serv_inv	BOBJ1	83	232	After	Interior Girder 5	72	0.95	1	1	4.76627
HL93_serv_inv	BOBJ1	83	232	After	Interior Girder 6	72	0.95	1	1	5.042609
HL93_serv_inv	BOBJ1	83	232	After	Right Exterior Girder	72	0.95	1	1	5.495349
HL93_serv_inv	BOBJ1	84	240	Before	Left Exterior Girder	80	0.95	1	1	45.035092
HL93_serv_inv	BOBJ1	84	240	Before	Interior Girder 1	80	0.95	1	1	27.251144
HL93_serv_inv	BOBJ1	84	240	Before	Interior Girder 2	80	0.95	1	1	23.190393
HL93_serv_inv	BOBJ1	84	240	Before	Interior Girder 3	80	0.95	1	1	15.814527
HL93_serv_inv	BOBJ1	84	240	Before	Interior Girder 4	80	0.95	1	1	15.902078
HL93_serv_inv	BOBJ1	84	240	Before	Interior Girder 5	80	0.95	1	1	22.679018
HL93_serv_inv	BOBJ1	84	240	Before	Interior Girder 6	80	0.95	1	1	27.325665
HL93_serv_inv	BOBJ1	84	240	Before	Right Exterior Girder	80	0.95	1	1	45.111694
HS20_serv_opr	BOBJ1	1	0	After	Left Exterior Girder	0	0.95	1	1	540.216233
HS20_serv_opr	BOBJ1	1	0	After	Interior Girder 1	0	0.95	1	1	564.153909
HS20_serv_opr	BOBJ1	1	0	After	Interior Girder 2	0	0.95	1	1	437.033563
HS20_serv_opr	BOBJ1	1	0	After	Interior Girder 3	0	0.95	1	1	278.882976
HS20_serv_opr	BOBJ1	1	0	After	Interior Girder 4	0	0.95	1	1	281.130978
HS20_serv_opr	BOBJ1	1	0	After	Interior Girder 5	0	0.95	1	1	431.204159
HS20_serv_opr	BOBJ1	1	0	After	Interior Girder 6	0	0.95	1	1	541.404419
HS20_serv_opr	BOBJ1	1	0	After	Right Exterior Girder	0	0.95	1	1	540.759179
HS20_serv_opr	BOBJ1	2	8	Before	Left Exterior Girder	8	0.95	1	1	8.96049
HS20_serv_opr	BOBJ1	2	8	Before	Interior Girder 1	8	0.95	1	1	8.268492
HS20_serv_opr	BOBJ1	2	8	Before	Interior Girder 2	8	0.95	1	1	7.826406
HS20_serv_opr	BOBJ1	2	8	Before	Interior Girder 3	8	0.95	1	1	7.277441
HS20_serv_opr	BOBJ1	2	8	Before	Interior Girder 4	8	0.95	1	1	7.318463
HS20_serv_opr	BOBJ1	2	8	Before	Interior Girder 5	8	0.95	1	1	7.800468
HS20_serv_opr	BOBJ1	2	8	Before	Interior Girder 6	8	0.95	1	1	8.300062
HS20_serv_opr	BOBJ1	2	8	Before	Right Exterior Girder	8	0.95	1	1	8.972126

TABLE: Bridge Super Rating AASHTORATE18 31 - SteelICompServ-Flx - Approach, Span 4-6										
Request	BridgeObj	BridgeCut	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	Unitless	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
HS20_serv_opr	BOBJ1	3	8	After	Left Exterior Girder	8	0.95	1	1	8.996069
HS20_serv_opr	BOBJ1	3	8	After	Interior Girder 1	8	0.95	1	1	8.243643
HS20_serv_opr	BOBJ1	3	8	After	Interior Girder 2	8	0.95	1	1	7.993447
HS20_serv_opr	BOBJ1	3	8	After	Interior Girder 3	8	0.95	1	1	7.598624
HS20_serv_opr	BOBJ1	3	8	After	Interior Girder 4	8	0.95	1	1	7.638338
HS20_serv_opr	BOBJ1	3	8	After	Interior Girder 5	8	0.95	1	1	7.969457
HS20_serv_opr	BOBJ1	3	8	After	Interior Girder 6	8	0.95	1	1	8.271821
HS20_serv_opr	BOBJ1	3	8	After	Right Exterior Girder	8	0.95	1	1	9.005894
HS20_serv_opr	BOBJ1	4	16	Before	Left Exterior Girder	16	0.95	1	1	4.801345
HS20_serv_opr	BOBJ1	4	16	Before	Interior Girder 1	16	0.95	1	1	5.082758
HS20_serv_opr	BOBJ1	4	16	Before	Interior Girder 2	16	0.95	1	1	4.882954
HS20_serv_opr	BOBJ1	4	16	Before	Interior Girder 3	16	0.95	1	1	4.87871
HS20_serv_opr	BOBJ1	4	16	Before	Interior Girder 4	16	0.95	1	1	4.876179
HS20_serv_opr	BOBJ1	4	16	Before	Interior Girder 5	16	0.95	1	1	4.882411
HS20_serv_opr	BOBJ1	4	16	Before	Interior Girder 6	16	0.95	1	1	5.082217
HS20_serv_opr	BOBJ1	4	16	Before	Right Exterior Girder	16	0.95	1	1	4.807445
HS20_serv_opr	BOBJ1	5	16	After	Left Exterior Girder	16	0.95	1	1	4.857188
HS20_serv_opr	BOBJ1	5	16	After	Interior Girder 1	16	0.95	1	1	5.016687
HS20_serv_opr	BOBJ1	5	16	After	Interior Girder 2	16	0.95	1	1	4.903695
HS20_serv_opr	BOBJ1	5	16	After	Interior Girder 3	16	0.95	1	1	4.957423
HS20_serv_opr	BOBJ1	5	16	After	Interior Girder 4	16	0.95	1	1	4.959927
HS20_serv_opr	BOBJ1	5	16	After	Interior Girder 5	16	0.95	1	1	4.906798
HS20_serv_opr	BOBJ1	5	16	After	Interior Girder 6	16	0.95	1	1	5.016291
HS20_serv_opr	BOBJ1	5	16	After	Right Exterior Girder	16	0.95	1	1	4.862967
HS20_serv_opr	BOBJ1	6	20.5	Before	Left Exterior Girder	20.5	0.95	1	1	4.184366
HS20_serv_opr	BOBJ1	6	20.5	Before	Right Exterior Girder	20.5	0.95	1	1	4.188998
HS20_serv_opr	BOBJ1	7	20.5	After	Left Exterior Girder	20.5	0.95	1	1	5.00266
HS20_serv_opr	BOBJ1	7	20.5	After	Right Exterior Girder	20.5	0.95	1	1	5.008029
HS20_serv_opr	BOBJ1	8	24	Before	Left Exterior Girder	24	0.95	1	1	4.567102
HS20_serv_opr	BOBJ1	8	24	Before	Interior Girder 1	24	0.95	1	1	3.754861
HS20_serv_opr	BOBJ1	8	24	Before	Interior Girder 2	24	0.95	1	1	3.737626
HS20_serv_opr	BOBJ1	8	24	Before	Interior Girder 3	24	0.95	1	1	3.78293
HS20_serv_opr	BOBJ1	8	24	Before	Interior Girder 4	24	0.95	1	1	3.790359
HS20_serv_opr	BOBJ1	8	24	Before	Interior Girder 5	24	0.95	1	1	3.730382
HS20_serv_opr	BOBJ1	8	24	Before	Interior Girder 6	24	0.95	1	1	3.761395
HS20_serv_opr	BOBJ1	8	24	Before	Right Exterior Girder	24	0.95	1	1	4.570994
HS20_serv_opr	BOBJ1	9	24	After	Left Exterior Girder	24	0.95	1	1	4.539604
HS20_serv_opr	BOBJ1	9	24	After	Interior Girder 1	24	0.95	1	1	3.785815
HS20_serv_opr	BOBJ1	9	24	After	Interior Girder 2	24	0.95	1	1	3.745186
HS20_serv_opr	BOBJ1	9	24	After	Interior Girder 3	24	0.95	1	1	3.819878
HS20_serv_opr	BOBJ1	9	24	After	Interior Girder 4	24	0.95	1	1	3.833889
HS20_serv_opr	BOBJ1	9	24	After	Interior Girder 5	24	0.95	1	1	3.737712
HS20_serv_opr	BOBJ1	9	24	After	Interior Girder 6	24	0.95	1	1	3.792117
HS20_serv_opr	BOBJ1	9	24	After	Right Exterior Girder	24	0.95	1	1	4.543299
HS20_serv_opr	BOBJ1	10	32	Before	Left Exterior Girder	32	0.95	1	1	3.982684
HS20_serv_opr	BOBJ1	10	32	Before	Interior Girder 1	32	0.95	1	1	3.56318
HS20_serv_opr	BOBJ1	10	32	Before	Interior Girder 2	32	0.95	1	1	3.572655
HS20_serv_opr	BOBJ1	10	32	Before	Interior Girder 3	32	0.95	1	1	3.624487
HS20_serv_opr	BOBJ1	10	32	Before	Interior Girder 4	32	0.95	1	1	3.626089
HS20_serv_opr	BOBJ1	10	32	Before	Interior Girder 5	32	0.95	1	1	3.571506
HS20_serv_opr	BOBJ1	10	32	Before	Interior Girder 6	32	0.95	1	1	3.562936
HS20_serv_opr	BOBJ1	10	32	Before	Right Exterior Girder	32	0.95	1	1	3.987089
HS20_serv_opr	BOBJ1	11	32	After	Left Exterior Girder	32	0.95	1	1	3.99191
HS20_serv_opr	BOBJ1	11	32	After	Interior Girder 1	32	0.95	1	1	3.565521
HS20_serv_opr	BOBJ1	11	32	After	Interior Girder 2	32	0.95	1	1	3.567984
HS20_serv_opr	BOBJ1	11	32	After	Interior Girder 3	32	0.95	1	1	3.62748
HS20_serv_opr	BOBJ1	11	32	After	Interior Girder 4	32	0.95	1	1	3.630002
HS20_serv_opr	BOBJ1	11	32	After	Interior Girder 5	32	0.95	1	1	3.567603
HS20_serv_opr	BOBJ1	11	32	After	Interior Girder 6	32	0.95	1	1	3.565312
HS20_serv_opr	BOBJ1	11	32	After	Right Exterior Girder	32	0.95	1	1	3.996222
HS20_serv_opr	BOBJ1	12	40	Before	Left Exterior Girder	40	0.95	1	1	4.217545
HS20_serv_opr	BOBJ1	12	40	Before	Interior Girder 1	40	0.95	1	1	3.605936
HS20_serv_opr	BOBJ1	12	40	Before	Interior Girder 2	40	0.95	1	1	3.618622
HS20_serv_opr	BOBJ1	12	40	Before	Interior Girder 3	40	0.95	1	1	3.704
HS20_serv_opr	BOBJ1	12	40	Before	Interior Girder 4	40	0.95	1	1	3.715844
HS20_serv_opr	BOBJ1	12	40	Before	Interior Girder 5	40	0.95	1	1	3.613319
HS20_serv_opr	BOBJ1	12	40	Before	Interior Girder 6	40	0.95	1	1	3.610583
HS20_serv_opr	BOBJ1	12	40	Before	Right Exterior Girder	40	0.95	1	1	4.22116
HS20_serv_opr	BOBJ1	13	40	After	Left Exterior Girder	40	0.95	1	1	4.226308
HS20_serv_opr	BOBJ1	13	40	After	Interior Girder 1	40	0.95	1	1	3.609272
HS20_serv_opr	BOBJ1	13	40	After	Interior Girder 2	40	0.95	1	1	3.597025
HS20_serv_opr	BOBJ1	13	40	After	Interior Girder 3	40	0.95	1	1	3.684192
HS20_serv_opr	BOBJ1	13	40	After	Interior Girder 4	40	0.95	1	1	3.691532

TABLE: Bridge Super Rating AASHTORATE18 31 - SteelICompServ-Flx - Approach, Span 4-6										
Request	BridgeObj	BridgeCut	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	Unitless	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
HS20_serv_opr	BOBJ1	13	40	After	Interior Girder 5	40	0.95	1	1	3.590635
HS20_serv_opr	BOBJ1	13	40	After	Interior Girder 6	40	0.95	1	1	3.614195
HS20_serv_opr	BOBJ1	13	40	After	Right Exterior Girder	40	0.95	1	1	4.230026
HS20_serv_opr	BOBJ1	14	46.5	Before	Left Exterior Girder	46.5	0.95	1	1	4.575228
HS20_serv_opr	BOBJ1	14	46.5	Before	Right Exterior Girder	46.5	0.95	1	1	4.579551
HS20_serv_opr	BOBJ1	15	46.5	After	Left Exterior Girder	46.5	0.95	1	1	3.938156
HS20_serv_opr	BOBJ1	15	46.5	After	Right Exterior Girder	46.5	0.95	1	1	3.942066
HS20_serv_opr	BOBJ1	16	48	Before	Left Exterior Girder	48	0.95	1	1	4.042391
HS20_serv_opr	BOBJ1	16	48	Before	Interior Girder 1	48	0.95	1	1	4.346712
HS20_serv_opr	BOBJ1	16	48	Before	Interior Girder 2	48	0.95	1	1	4.395612
HS20_serv_opr	BOBJ1	16	48	Before	Interior Girder 3	48	0.95	1	1	4.45223
HS20_serv_opr	BOBJ1	16	48	Before	Interior Girder 4	48	0.95	1	1	4.45765
HS20_serv_opr	BOBJ1	16	48	Before	Interior Girder 5	48	0.95	1	1	4.398542
HS20_serv_opr	BOBJ1	16	48	Before	Interior Girder 6	48	0.95	1	1	4.346423
HS20_serv_opr	BOBJ1	16	48	Before	Right Exterior Girder	48	0.95	1	1	4.046471
HS20_serv_opr	BOBJ1	17	48	After	Left Exterior Girder	48	0.95	1	1	4.020798
HS20_serv_opr	BOBJ1	17	48	After	Interior Girder 1	48	0.95	1	1	4.396615
HS20_serv_opr	BOBJ1	17	48	After	Interior Girder 2	48	0.95	1	1	4.396102
HS20_serv_opr	BOBJ1	17	48	After	Interior Girder 3	48	0.95	1	1	4.441361
HS20_serv_opr	BOBJ1	17	48	After	Interior Girder 4	48	0.95	1	1	4.445515
HS20_serv_opr	BOBJ1	17	48	After	Interior Girder 5	48	0.95	1	1	4.394849
HS20_serv_opr	BOBJ1	17	48	After	Interior Girder 6	48	0.95	1	1	4.396293
HS20_serv_opr	BOBJ1	17	48	After	Right Exterior Girder	48	0.95	1	1	4.025435
HS20_serv_opr	BOBJ1	18	56	Before	Left Exterior Girder	56	0.95	1	1	5.526309
HS20_serv_opr	BOBJ1	18	56	Before	Interior Girder 1	56	0.95	1	1	5.924706
HS20_serv_opr	BOBJ1	18	56	Before	Interior Girder 2	56	0.95	1	1	5.771364
HS20_serv_opr	BOBJ1	18	56	Before	Interior Girder 3	56	0.95	1	1	5.846297
HS20_serv_opr	BOBJ1	18	56	Before	Interior Girder 4	56	0.95	1	1	5.884778
HS20_serv_opr	BOBJ1	18	56	Before	Interior Girder 5	56	0.95	1	1	5.76442
HS20_serv_opr	BOBJ1	18	56	Before	Interior Girder 6	56	0.95	1	1	5.93588
HS20_serv_opr	BOBJ1	18	56	Before	Right Exterior Girder	56	0.95	1	1	5.530328
HS20_serv_opr	BOBJ1	19	56	After	Left Exterior Girder	56	0.95	1	1	5.479239
HS20_serv_opr	BOBJ1	19	56	After	Interior Girder 1	56	0.95	1	1	6.000506
HS20_serv_opr	BOBJ1	19	56	After	Interior Girder 2	56	0.95	1	1	5.746123
HS20_serv_opr	BOBJ1	19	56	After	Interior Girder 3	56	0.95	1	1	5.768783
HS20_serv_opr	BOBJ1	19	56	After	Interior Girder 4	56	0.95	1	1	5.787834
HS20_serv_opr	BOBJ1	19	56	After	Interior Girder 5	56	0.95	1	1	5.733493
HS20_serv_opr	BOBJ1	19	56	After	Interior Girder 6	56	0.95	1	1	6.012521
HS20_serv_opr	BOBJ1	19	56	After	Right Exterior Girder	56	0.95	1	1	5.48354
HS20_serv_opr	BOBJ1	20	59	Before	Interior Girder 1	59	0.95	1	1	7.236694
HS20_serv_opr	BOBJ1	20	59	Before	Interior Girder 2	59	0.95	1	1	6.814041
HS20_serv_opr	BOBJ1	20	59	Before	Interior Girder 3	59	0.95	1	1	6.840857
HS20_serv_opr	BOBJ1	20	59	Before	Interior Girder 4	59	0.95	1	1	6.879971
HS20_serv_opr	BOBJ1	20	59	Before	Interior Girder 5	59	0.95	1	1	6.802329
HS20_serv_opr	BOBJ1	20	59	Before	Interior Girder 6	59	0.95	1	1	7.250973
HS20_serv_opr	BOBJ1	21	59	After	Interior Girder 1	59	0.95	1	1	4.146792
HS20_serv_opr	BOBJ1	21	59	After	Interior Girder 2	59	0.95	1	1	3.942639
HS20_serv_opr	BOBJ1	21	59	After	Interior Girder 3	59	0.95	1	1	3.859818
HS20_serv_opr	BOBJ1	21	59	After	Interior Girder 4	59	0.95	1	1	3.879357
HS20_serv_opr	BOBJ1	21	59	After	Interior Girder 5	59	0.95	1	1	3.936194
HS20_serv_opr	BOBJ1	21	59	After	Interior Girder 6	59	0.95	1	1	4.154966
HS20_serv_opr	BOBJ1	22	64	Before	Left Exterior Girder	64	0.95	1	1	8.227849
HS20_serv_opr	BOBJ1	22	64	Before	Interior Girder 1	64	0.95	1	1	5.162748
HS20_serv_opr	BOBJ1	22	64	Before	Interior Girder 2	64	0.95	1	1	5.317007
HS20_serv_opr	BOBJ1	22	64	Before	Interior Girder 3	64	0.95	1	1	5.485754
HS20_serv_opr	BOBJ1	22	64	Before	Interior Girder 4	64	0.95	1	1	5.483276
HS20_serv_opr	BOBJ1	22	64	Before	Interior Girder 5	64	0.95	1	1	5.313598
HS20_serv_opr	BOBJ1	22	64	Before	Interior Girder 6	64	0.95	1	1	5.163369
HS20_serv_opr	BOBJ1	22	64	Before	Right Exterior Girder	64	0.95	1	1	8.234823
HS20_serv_opr	BOBJ1	23	64	After	Left Exterior Girder	64	0.95	1	1	8.276998
HS20_serv_opr	BOBJ1	23	64	After	Interior Girder 1	64	0.95	1	1	5.127188
HS20_serv_opr	BOBJ1	23	64	After	Interior Girder 2	64	0.95	1	1	5.289977
HS20_serv_opr	BOBJ1	23	64	After	Interior Girder 3	64	0.95	1	1	5.482858
HS20_serv_opr	BOBJ1	23	64	After	Interior Girder 4	64	0.95	1	1	5.480112
HS20_serv_opr	BOBJ1	23	64	After	Interior Girder 5	64	0.95	1	1	5.287017
HS20_serv_opr	BOBJ1	23	64	After	Interior Girder 6	64	0.95	1	1	5.127649
HS20_serv_opr	BOBJ1	23	64	After	Right Exterior Girder	64	0.95	1	1	8.284623
HS20_serv_opr	BOBJ1	24	69	Before	Interior Girder 1	69	0.95	1	1	3.964465
HS20_serv_opr	BOBJ1	24	69	Before	Interior Girder 2	69	0.95	1	1	4.058952
HS20_serv_opr	BOBJ1	24	69	Before	Interior Girder 3	69	0.95	1	1	3.975786
HS20_serv_opr	BOBJ1	24	69	Before	Interior Girder 4	69	0.95	1	1	3.973833
HS20_serv_opr	BOBJ1	24	69	Before	Interior Girder 5	69	0.95	1	1	4.055809
HS20_serv_opr	BOBJ1	24	69	Before	Interior Girder 6	69	0.95	1	1	3.965488

TABLE: Bridge Super Rating AASHTORATE18 31 - SteelICompServ-Flx - Approach, Span 4-6										
Request	BridgeObj	BridgeCut	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	Unitless	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
HS20_serv_opr	BOBJ1	25	69	After	Interior Girder 1	69	0.95	1	1	8.337241
HS20_serv_opr	BOBJ1	25	69	After	Interior Girder 2	69	0.95	1	1	8.449893
HS20_serv_opr	BOBJ1	25	69	After	Interior Girder 3	69	0.95	1	1	8.344393
HS20_serv_opr	BOBJ1	25	69	After	Interior Girder 4	69	0.95	1	1	8.339948
HS20_serv_opr	BOBJ1	25	69	After	Interior Girder 5	69	0.95	1	1	8.443712
HS20_serv_opr	BOBJ1	25	69	After	Interior Girder 6	69	0.95	1	1	8.338996
HS20_serv_opr	BOBJ1	26	72	Before	Left Exterior Girder	72	0.95	1	1	6.091778
HS20_serv_opr	BOBJ1	26	72	Before	Interior Girder 1	72	0.95	1	1	7.478397
HS20_serv_opr	BOBJ1	26	72	Before	Interior Girder 2	72	0.95	1	1	7.524227
HS20_serv_opr	BOBJ1	26	72	Before	Interior Girder 3	72	0.95	1	1	7.231554
HS20_serv_opr	BOBJ1	26	72	Before	Interior Girder 4	72	0.95	1	1	7.227875
HS20_serv_opr	BOBJ1	26	72	Before	Interior Girder 5	72	0.95	1	1	7.517826
HS20_serv_opr	BOBJ1	26	72	Before	Interior Girder 6	72	0.95	1	1	7.480772
HS20_serv_opr	BOBJ1	26	72	Before	Right Exterior Girder	72	0.95	1	1	6.097681
HS20_serv_opr	BOBJ1	27	72	After	Left Exterior Girder	72	0.95	1	1	6.118314
HS20_serv_opr	BOBJ1	27	72	After	Interior Girder 1	72	0.95	1	1	7.397508
HS20_serv_opr	BOBJ1	27	72	After	Interior Girder 2	72	0.95	1	1	7.439338
HS20_serv_opr	BOBJ1	27	72	After	Interior Girder 3	72	0.95	1	1	7.174096
HS20_serv_opr	BOBJ1	27	72	After	Interior Girder 4	72	0.95	1	1	7.17076
HS20_serv_opr	BOBJ1	27	72	After	Interior Girder 5	72	0.95	1	1	7.432746
HS20_serv_opr	BOBJ1	27	72	After	Interior Girder 6	72	0.95	1	1	7.399942
HS20_serv_opr	BOBJ1	27	72	After	Right Exterior Girder	72	0.95	1	1	6.124358
HS20_serv_opr	BOBJ1	28	72.5	Before	Left Exterior Girder	72.5	0.95	1	1	5.940908
HS20_serv_opr	BOBJ1	28	72.5	Before	Right Exterior Girder	72.5	0.95	1	1	5.946902
HS20_serv_opr	BOBJ1	29	72.5	After	Left Exterior Girder	72.5	0.95	1	1	8.829246
HS20_serv_opr	BOBJ1	29	72.5	After	Right Exterior Girder	72.5	0.95	1	1	8.83829
HS20_serv_opr	BOBJ1	30	80	Before	Left Exterior Girder	80	0.95	1	1	6.483333
HS20_serv_opr	BOBJ1	30	80	Before	Interior Girder 1	80	0.95	1	1	5.234955
HS20_serv_opr	BOBJ1	30	80	Before	Interior Girder 2	80	0.95	1	1	4.939441
HS20_serv_opr	BOBJ1	30	80	Before	Interior Girder 3	80	0.95	1	1	4.183038
HS20_serv_opr	BOBJ1	30	80	Before	Interior Girder 4	80	0.95	1	1	4.189478
HS20_serv_opr	BOBJ1	30	80	Before	Interior Girder 5	80	0.95	1	1	4.929177
HS20_serv_opr	BOBJ1	30	80	Before	Interior Girder 6	80	0.95	1	1	5.239178
HS20_serv_opr	BOBJ1	30	80	Before	Right Exterior Girder	80	0.95	1	1	6.490544
HS20_serv_opr	BOBJ1	31	80	After	Left Exterior Girder	0	0.95	1	1	6.256964
HS20_serv_opr	BOBJ1	31	80	After	Interior Girder 1	0	0.95	1	1	5.087201
HS20_serv_opr	BOBJ1	31	80	After	Interior Girder 2	0	0.95	1	1	4.896875
HS20_serv_opr	BOBJ1	31	80	After	Interior Girder 3	0	0.95	1	1	4.135976
HS20_serv_opr	BOBJ1	31	80	After	Interior Girder 4	0	0.95	1	1	4.143807
HS20_serv_opr	BOBJ1	31	80	After	Interior Girder 5	0	0.95	1	1	4.88107
HS20_serv_opr	BOBJ1	31	80	After	Interior Girder 6	0	0.95	1	1	5.095093
HS20_serv_opr	BOBJ1	31	80	After	Right Exterior Girder	0	0.95	1	1	6.264875
HS20_serv_opr	BOBJ1	32	87.5	Before	Left Exterior Girder	7.5	0.95	1	1	9.435897
HS20_serv_opr	BOBJ1	32	87.5	Before	Right Exterior Girder	7.5	0.95	1	1	9.44495
HS20_serv_opr	BOBJ1	33	87.5	After	Left Exterior Girder	7.5	0.95	1	1	6.274079
HS20_serv_opr	BOBJ1	33	87.5	After	Right Exterior Girder	7.5	0.95	1	1	6.279966
HS20_serv_opr	BOBJ1	34	88	Before	Left Exterior Girder	8	0.95	1	1	6.432751
HS20_serv_opr	BOBJ1	34	88	Before	Interior Girder 1	8	0.95	1	1	7.338153
HS20_serv_opr	BOBJ1	34	88	Before	Interior Girder 2	8	0.95	1	1	7.308891
HS20_serv_opr	BOBJ1	34	88	Before	Interior Girder 3	8	0.95	1	1	6.978795
HS20_serv_opr	BOBJ1	34	88	Before	Interior Girder 4	8	0.95	1	1	6.97462
HS20_serv_opr	BOBJ1	34	88	Before	Interior Girder 5	8	0.95	1	1	7.300656
HS20_serv_opr	BOBJ1	34	88	Before	Interior Girder 6	8	0.95	1	1	7.340529
HS20_serv_opr	BOBJ1	34	88	Before	Right Exterior Girder	8	0.95	1	1	6.439072
HS20_serv_opr	BOBJ1	35	88	After	Left Exterior Girder	8	0.95	1	1	6.473259
HS20_serv_opr	BOBJ1	35	88	After	Interior Girder 1	8	0.95	1	1	7.354822
HS20_serv_opr	BOBJ1	35	88	After	Interior Girder 2	8	0.95	1	1	7.387084
HS20_serv_opr	BOBJ1	35	88	After	Interior Girder 3	8	0.95	1	1	7.025179
HS20_serv_opr	BOBJ1	35	88	After	Interior Girder 4	8	0.95	1	1	7.021671
HS20_serv_opr	BOBJ1	35	88	After	Interior Girder 5	8	0.95	1	1	7.379013
HS20_serv_opr	BOBJ1	35	88	After	Interior Girder 6	8	0.95	1	1	7.357066
HS20_serv_opr	BOBJ1	35	88	After	Right Exterior Girder	8	0.95	1	1	6.479412
HS20_serv_opr	BOBJ1	36	91	Before	Interior Girder 1	11	0.95	1	1	8.114624
HS20_serv_opr	BOBJ1	36	91	Before	Interior Girder 2	11	0.95	1	1	8.2699
HS20_serv_opr	BOBJ1	36	91	Before	Interior Girder 3	11	0.95	1	1	8.101931
HS20_serv_opr	BOBJ1	36	91	Before	Interior Girder 4	11	0.95	1	1	8.097783
HS20_serv_opr	BOBJ1	36	91	Before	Interior Girder 5	11	0.95	1	1	8.262184
HS20_serv_opr	BOBJ1	36	91	Before	Interior Girder 6	11	0.95	1	1	8.11627
HS20_serv_opr	BOBJ1	37	91	After	Interior Girder 1	11	0.95	1	1	3.587223
HS20_serv_opr	BOBJ1	37	91	After	Interior Girder 2	11	0.95	1	1	3.706502
HS20_serv_opr	BOBJ1	37	91	After	Interior Girder 3	11	0.95	1	1	3.602028
HS20_serv_opr	BOBJ1	37	91	After	Interior Girder 4	11	0.95	1	1	3.600348
HS20_serv_opr	BOBJ1	37	91	After	Interior Girder 5	11	0.95	1	1	3.702888

TABLE: Bridge Super Rating AASHTORATE18 31 - SteelICompServ-Flx - Approach, Span 4-6										
Request	BridgeObj	BridgeCut	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	Unitless	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
HS20_serv_opr	BOBJ1	37	91	After	Interior Girder 6	11	0.95	1	1	3.588091
HS20_serv_opr	BOBJ1	38	96	Before	Left Exterior Girder	16	0.95	1	1	9.022316
HS20_serv_opr	BOBJ1	38	96	Before	Interior Girder 1	16	0.95	1	1	4.554705
HS20_serv_opr	BOBJ1	38	96	Before	Interior Girder 2	16	0.95	1	1	4.780125
HS20_serv_opr	BOBJ1	38	96	Before	Interior Girder 3	16	0.95	1	1	4.967414
HS20_serv_opr	BOBJ1	38	96	Before	Interior Girder 4	16	0.95	1	1	4.965167
HS20_serv_opr	BOBJ1	38	96	Before	Interior Girder 5	16	0.95	1	1	4.776878
HS20_serv_opr	BOBJ1	38	96	Before	Interior Girder 6	16	0.95	1	1	4.555057
HS20_serv_opr	BOBJ1	38	96	Before	Right Exterior Girder	16	0.95	1	1	9.029042
HS20_serv_opr	BOBJ1	39	96	After	Left Exterior Girder	16	0.95	1	1	4.264837
HS20_serv_opr	BOBJ1	39	96	After	Interior Girder 1	16	0.95	1	1	4.606235
HS20_serv_opr	BOBJ1	39	96	After	Interior Girder 2	16	0.95	1	1	4.791724
HS20_serv_opr	BOBJ1	39	96	After	Interior Girder 3	16	0.95	1	1	4.945478
HS20_serv_opr	BOBJ1	39	96	After	Interior Girder 4	16	0.95	1	1	4.943448
HS20_serv_opr	BOBJ1	39	96	After	Interior Girder 5	16	0.95	1	1	4.788166
HS20_serv_opr	BOBJ1	39	96	After	Interior Girder 6	16	0.95	1	1	4.606776
HS20_serv_opr	BOBJ1	39	96	After	Right Exterior Girder	16	0.95	1	1	4.268171
HS20_serv_opr	BOBJ1	40	104	Before	Left Exterior Girder	24	0.95	1	1	5.777979
HS20_serv_opr	BOBJ1	40	104	Before	Interior Girder 1	24	0.95	1	1	4.973258
HS20_serv_opr	BOBJ1	40	104	Before	Interior Girder 2	24	0.95	1	1	4.75271
HS20_serv_opr	BOBJ1	40	104	Before	Interior Girder 3	24	0.95	1	1	4.687646
HS20_serv_opr	BOBJ1	40	104	Before	Interior Girder 4	24	0.95	1	1	4.717862
HS20_serv_opr	BOBJ1	40	104	Before	Interior Girder 5	24	0.95	1	1	4.746284
HS20_serv_opr	BOBJ1	40	104	Before	Interior Girder 6	24	0.95	1	1	4.985383
HS20_serv_opr	BOBJ1	40	104	Before	Right Exterior Girder	24	0.95	1	1	5.783754
HS20_serv_opr	BOBJ1	41	104	After	Left Exterior Girder	24	0.95	1	1	5.924797
HS20_serv_opr	BOBJ1	41	104	After	Interior Girder 1	24	0.95	1	1	4.899874
HS20_serv_opr	BOBJ1	41	104	After	Interior Girder 2	24	0.95	1	1	4.750093
HS20_serv_opr	BOBJ1	41	104	After	Interior Girder 3	24	0.95	1	1	4.755491
HS20_serv_opr	BOBJ1	41	104	After	Interior Girder 4	24	0.95	1	1	4.793454
HS20_serv_opr	BOBJ1	41	104	After	Interior Girder 5	24	0.95	1	1	4.749934
HS20_serv_opr	BOBJ1	41	104	After	Interior Girder 6	24	0.95	1	1	4.91102
HS20_serv_opr	BOBJ1	41	104	After	Right Exterior Girder	24	0.95	1	1	5.929198
HS20_serv_opr	BOBJ1	42	112	Before	Left Exterior Girder	32	0.95	1	1	3.864769
HS20_serv_opr	BOBJ1	42	112	Before	Interior Girder 1	32	0.95	1	1	3.884719
HS20_serv_opr	BOBJ1	42	112	Before	Interior Girder 2	32	0.95	1	1	3.870059
HS20_serv_opr	BOBJ1	42	112	Before	Interior Girder 3	32	0.95	1	1	3.899454
HS20_serv_opr	BOBJ1	42	112	Before	Interior Girder 4	32	0.95	1	1	3.903948
HS20_serv_opr	BOBJ1	42	112	Before	Interior Girder 5	32	0.95	1	1	3.87416
HS20_serv_opr	BOBJ1	42	112	Before	Interior Girder 6	32	0.95	1	1	3.884095
HS20_serv_opr	BOBJ1	42	112	Before	Right Exterior Girder	32	0.95	1	1	3.869516
HS20_serv_opr	BOBJ1	43	112	After	Left Exterior Girder	32	0.95	1	1	3.921708
HS20_serv_opr	BOBJ1	43	112	After	Interior Girder 1	32	0.95	1	1	3.848133
HS20_serv_opr	BOBJ1	43	112	After	Interior Girder 2	32	0.95	1	1	3.858927
HS20_serv_opr	BOBJ1	43	112	After	Interior Girder 3	32	0.95	1	1	3.907556
HS20_serv_opr	BOBJ1	43	112	After	Interior Girder 4	32	0.95	1	1	3.911056
HS20_serv_opr	BOBJ1	43	112	After	Interior Girder 5	32	0.95	1	1	3.864923
HS20_serv_opr	BOBJ1	43	112	After	Interior Girder 6	32	0.95	1	1	3.8476
HS20_serv_opr	BOBJ1	43	112	After	Right Exterior Girder	32	0.95	1	1	3.926321
HS20_serv_opr	BOBJ1	44	120	Before	Left Exterior Girder	40	0.95	1	1	3.658517
HS20_serv_opr	BOBJ1	44	120	Before	Interior Girder 1	40	0.95	1	1	3.440488
HS20_serv_opr	BOBJ1	44	120	Before	Interior Girder 2	40	0.95	1	1	3.425314
HS20_serv_opr	BOBJ1	44	120	Before	Interior Girder 3	40	0.95	1	1	3.473332
HS20_serv_opr	BOBJ1	44	120	Before	Interior Girder 4	40	0.95	1	1	3.489879
HS20_serv_opr	BOBJ1	44	120	Before	Interior Girder 5	40	0.95	1	1	3.419282
HS20_serv_opr	BOBJ1	44	120	Before	Interior Girder 6	40	0.95	1	1	3.447111
HS20_serv_opr	BOBJ1	44	120	Before	Right Exterior Girder	40	0.95	1	1	3.661784
HS20_serv_opr	BOBJ1	45	120	After	Left Exterior Girder	40	0.95	1	1	3.663979
HS20_serv_opr	BOBJ1	45	120	After	Interior Girder 1	40	0.95	1	1	3.4375
HS20_serv_opr	BOBJ1	45	120	After	Interior Girder 2	40	0.95	1	1	3.4247
HS20_serv_opr	BOBJ1	45	120	After	Interior Girder 3	40	0.95	1	1	3.473786
HS20_serv_opr	BOBJ1	45	120	After	Interior Girder 4	40	0.95	1	1	3.489715
HS20_serv_opr	BOBJ1	45	120	After	Interior Girder 5	40	0.95	1	1	3.418556
HS20_serv_opr	BOBJ1	45	120	After	Interior Girder 6	40	0.95	1	1	3.444139
HS20_serv_opr	BOBJ1	45	120	After	Right Exterior Girder	40	0.95	1	1	3.667259
HS20_serv_opr	BOBJ1	46	128	Before	Left Exterior Girder	48	0.95	1	1	3.858421
HS20_serv_opr	BOBJ1	46	128	Before	Interior Girder 1	48	0.95	1	1	3.818159
HS20_serv_opr	BOBJ1	46	128	Before	Interior Girder 2	48	0.95	1	1	3.833169
HS20_serv_opr	BOBJ1	46	128	Before	Interior Girder 3	48	0.95	1	1	3.883766
HS20_serv_opr	BOBJ1	46	128	Before	Interior Girder 4	48	0.95	1	1	3.887252
HS20_serv_opr	BOBJ1	46	128	Before	Interior Girder 5	48	0.95	1	1	3.83896
HS20_serv_opr	BOBJ1	46	128	Before	Interior Girder 6	48	0.95	1	1	3.817636
HS20_serv_opr	BOBJ1	46	128	Before	Right Exterior Girder	48	0.95	1	1	3.862948

TABLE: Bridge Super Rating AASHTORATE18 31 - SteelICompServ-Flx - Approach, Span 4-6										
Request	BridgeObj	BridgeCut	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	Unitless	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
HS20_serv_opr	BOBJ1	47	128	After	Left Exterior Girder	48	0.95	1	1	3.810975
HS20_serv_opr	BOBJ1	47	128	After	Interior Girder 1	48	0.95	1	1	3.846184
HS20_serv_opr	BOBJ1	47	128	After	Interior Girder 2	48	0.95	1	1	3.843713
HS20_serv_opr	BOBJ1	47	128	After	Interior Girder 3	48	0.95	1	1	3.877205
HS20_serv_opr	BOBJ1	47	128	After	Interior Girder 4	48	0.95	1	1	3.881503
HS20_serv_opr	BOBJ1	47	128	After	Interior Girder 5	48	0.95	1	1	3.847548
HS20_serv_opr	BOBJ1	47	128	After	Interior Girder 6	48	0.95	1	1	3.845583
HS20_serv_opr	BOBJ1	47	128	After	Right Exterior Girder	48	0.95	1	1	3.815635
HS20_serv_opr	BOBJ1	48	136	Before	Left Exterior Girder	56	0.95	1	1	5.710094
HS20_serv_opr	BOBJ1	48	136	Before	Interior Girder 1	56	0.95	1	1	4.818969
HS20_serv_opr	BOBJ1	48	136	Before	Interior Girder 2	56	0.95	1	1	4.689437
HS20_serv_opr	BOBJ1	48	136	Before	Interior Girder 3	56	0.95	1	1	4.701543
HS20_serv_opr	BOBJ1	48	136	Before	Interior Girder 4	56	0.95	1	1	4.738621
HS20_serv_opr	BOBJ1	48	136	Before	Interior Girder 5	56	0.95	1	1	4.688885
HS20_serv_opr	BOBJ1	48	136	Before	Interior Girder 6	56	0.95	1	1	4.829723
HS20_serv_opr	BOBJ1	48	136	Before	Right Exterior Girder	56	0.95	1	1	5.714391
HS20_serv_opr	BOBJ1	49	136	After	Left Exterior Girder	56	0.95	1	1	5.579649
HS20_serv_opr	BOBJ1	49	136	After	Interior Girder 1	56	0.95	1	1	4.883478
HS20_serv_opr	BOBJ1	49	136	After	Interior Girder 2	56	0.95	1	1	4.692672
HS20_serv_opr	BOBJ1	49	136	After	Interior Girder 3	56	0.95	1	1	4.638662
HS20_serv_opr	BOBJ1	49	136	After	Interior Girder 4	56	0.95	1	1	4.667213
HS20_serv_opr	BOBJ1	49	136	After	Interior Girder 5	56	0.95	1	1	4.685708
HS20_serv_opr	BOBJ1	49	136	After	Interior Girder 6	56	0.95	1	1	4.895154
HS20_serv_opr	BOBJ1	49	136	After	Right Exterior Girder	56	0.95	1	1	5.585202
HS20_serv_opr	BOBJ1	50	144	Before	Left Exterior Girder	64	0.95	1	1	4.210466
HS20_serv_opr	BOBJ1	50	144	Before	Interior Girder 1	64	0.95	1	1	4.523131
HS20_serv_opr	BOBJ1	50	144	Before	Interior Girder 2	64	0.95	1	1	4.743445
HS20_serv_opr	BOBJ1	50	144	Before	Interior Girder 3	64	0.95	1	1	4.940227
HS20_serv_opr	BOBJ1	50	144	Before	Interior Girder 4	64	0.95	1	1	4.938329
HS20_serv_opr	BOBJ1	50	144	Before	Interior Girder 5	64	0.95	1	1	4.74017
HS20_serv_opr	BOBJ1	50	144	Before	Interior Girder 6	64	0.95	1	1	4.52367
HS20_serv_opr	BOBJ1	50	144	Before	Right Exterior Girder	64	0.95	1	1	4.21361
HS20_serv_opr	BOBJ1	51	144	After	Left Exterior Girder	64	0.95	1	1	8.232378
HS20_serv_opr	BOBJ1	51	144	After	Interior Girder 1	64	0.95	1	1	4.461356
HS20_serv_opr	BOBJ1	51	144	After	Interior Girder 2	64	0.95	1	1	4.729269
HS20_serv_opr	BOBJ1	51	144	After	Interior Girder 3	64	0.95	1	1	4.958242
HS20_serv_opr	BOBJ1	51	144	After	Interior Girder 4	64	0.95	1	1	4.956113
HS20_serv_opr	BOBJ1	51	144	After	Interior Girder 5	64	0.95	1	1	4.726285
HS20_serv_opr	BOBJ1	51	144	After	Interior Girder 6	64	0.95	1	1	4.461739
HS20_serv_opr	BOBJ1	51	144	After	Right Exterior Girder	64	0.95	1	1	8.238246
HS20_serv_opr	BOBJ1	52	150	Before	Interior Girder 1	70	0.95	1	1	3.328573
HS20_serv_opr	BOBJ1	52	150	Before	Interior Girder 2	70	0.95	1	1	3.47129
HS20_serv_opr	BOBJ1	52	150	Before	Interior Girder 3	70	0.95	1	1	3.381249
HS20_serv_opr	BOBJ1	52	150	Before	Interior Girder 4	70	0.95	1	1	3.379693
HS20_serv_opr	BOBJ1	52	150	Before	Interior Girder 5	70	0.95	1	1	3.467956
HS20_serv_opr	BOBJ1	52	150	Before	Interior Girder 6	70	0.95	1	1	3.329425
HS20_serv_opr	BOBJ1	53	150	After	Interior Girder 1	70	0.95	1	1	7.207435
HS20_serv_opr	BOBJ1	53	150	After	Interior Girder 2	70	0.95	1	1	7.38462
HS20_serv_opr	BOBJ1	53	150	After	Interior Girder 3	70	0.95	1	1	7.253734
HS20_serv_opr	BOBJ1	53	150	After	Interior Girder 4	70	0.95	1	1	7.250075
HS20_serv_opr	BOBJ1	53	150	After	Interior Girder 5	70	0.95	1	1	7.377823
HS20_serv_opr	BOBJ1	53	150	After	Interior Girder 6	70	0.95	1	1	7.208977
HS20_serv_opr	BOBJ1	54	152	Before	Left Exterior Girder	72	0.95	1	1	5.814235
HS20_serv_opr	BOBJ1	54	152	Before	Interior Girder 1	72	0.95	1	1	6.707946
HS20_serv_opr	BOBJ1	54	152	Before	Interior Girder 2	72	0.95	1	1	6.835152
HS20_serv_opr	BOBJ1	54	152	Before	Interior Girder 3	72	0.95	1	1	6.584699
HS20_serv_opr	BOBJ1	54	152	Before	Interior Girder 4	72	0.95	1	1	6.581468
HS20_serv_opr	BOBJ1	54	152	Before	Interior Girder 5	72	0.95	1	1	6.828156
HS20_serv_opr	BOBJ1	54	152	Before	Interior Girder 6	72	0.95	1	1	6.709859
HS20_serv_opr	BOBJ1	54	152	Before	Right Exterior Girder	72	0.95	1	1	5.819551
HS20_serv_opr	BOBJ1	55	152	After	Left Exterior Girder	72	0.95	1	1	5.818906
HS20_serv_opr	BOBJ1	55	152	After	Interior Girder 1	72	0.95	1	1	6.678958
HS20_serv_opr	BOBJ1	55	152	After	Interior Girder 2	72	0.95	1	1	6.771188
HS20_serv_opr	BOBJ1	55	152	After	Interior Girder 3	72	0.95	1	1	6.545167
HS20_serv_opr	BOBJ1	55	152	After	Interior Girder 4	72	0.95	1	1	6.541356
HS20_serv_opr	BOBJ1	55	152	After	Interior Girder 5	72	0.95	1	1	6.764035
HS20_serv_opr	BOBJ1	55	152	After	Interior Girder 6	72	0.95	1	1	6.68093
HS20_serv_opr	BOBJ1	55	152	After	Right Exterior Girder	72	0.95	1	1	5.824381
HS20_serv_opr	BOBJ1	56	154	Before	Left Exterior Girder	74	0.95	1	1	5.219446
HS20_serv_opr	BOBJ1	56	154	Before	Right Exterior Girder	74	0.95	1	1	5.224331
HS20_serv_opr	BOBJ1	57	154	After	Left Exterior Girder	74	0.95	1	1	7.880818
HS20_serv_opr	BOBJ1	57	154	After	Right Exterior Girder	74	0.95	1	1	7.888317
HS20_serv_opr	BOBJ1	58	160	Before	Left Exterior Girder	80	0.95	1	1	5.798987

TABLE: Bridge Super Rating AASHTORATE18 31 - SteelICompServ-Flx - Approach, Span 4-6										
Request	BridgeObj	BridgeCut	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	Unitless	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
HS20_serv_opr	BOBJ1	58	160	Before	Interior Girder 1	80	0.95	1	1	4.773475
HS20_serv_opr	BOBJ1	58	160	Before	Interior Girder 2	80	0.95	1	1	4.638905
HS20_serv_opr	BOBJ1	58	160	Before	Interior Girder 3	80	0.95	1	1	3.934014
HS20_serv_opr	BOBJ1	58	160	Before	Interior Girder 4	80	0.95	1	1	3.941206
HS20_serv_opr	BOBJ1	58	160	Before	Interior Girder 5	80	0.95	1	1	4.623384
HS20_serv_opr	BOBJ1	58	160	Before	Interior Girder 6	80	0.95	1	1	4.775601
HS20_serv_opr	BOBJ1	58	160	Before	Right Exterior Girder	80	0.95	1	1	5.805029
HS20_serv_opr	BOBJ1	59	160	After	Left Exterior Girder	0	0.95	1	1	5.751315
HS20_serv_opr	BOBJ1	59	160	After	Interior Girder 1	0	0.95	1	1	4.650772
HS20_serv_opr	BOBJ1	59	160	After	Interior Girder 2	0	0.95	1	1	4.537322
HS20_serv_opr	BOBJ1	59	160	After	Interior Girder 3	0	0.95	1	1	3.881326
HS20_serv_opr	BOBJ1	59	160	After	Interior Girder 4	0	0.95	1	1	3.886942
HS20_serv_opr	BOBJ1	59	160	After	Interior Girder 5	0	0.95	1	1	4.529657
HS20_serv_opr	BOBJ1	59	160	After	Interior Girder 6	0	0.95	1	1	4.657655
HS20_serv_opr	BOBJ1	59	160	After	Right Exterior Girder	0	0.95	1	1	5.758195
HS20_serv_opr	BOBJ1	60	166	Before	Left Exterior Girder	6	0.95	1	1	8.057864
HS20_serv_opr	BOBJ1	60	166	Before	Right Exterior Girder	6	0.95	1	1	8.06648
HS20_serv_opr	BOBJ1	61	166	After	Left Exterior Girder	6	0.95	1	1	5.376868
HS20_serv_opr	BOBJ1	61	166	After	Right Exterior Girder	6	0.95	1	1	5.382536
HS20_serv_opr	BOBJ1	62	168	Before	Left Exterior Girder	8	0.95	1	1	6.007165
HS20_serv_opr	BOBJ1	62	168	Before	Interior Girder 1	8	0.95	1	1	7.207942
HS20_serv_opr	BOBJ1	62	168	Before	Interior Girder 2	8	0.95	1	1	7.269434
HS20_serv_opr	BOBJ1	62	168	Before	Interior Girder 3	8	0.95	1	1	6.996756
HS20_serv_opr	BOBJ1	62	168	Before	Interior Girder 4	8	0.95	1	1	6.993435
HS20_serv_opr	BOBJ1	62	168	Before	Interior Girder 5	8	0.95	1	1	7.262717
HS20_serv_opr	BOBJ1	62	168	Before	Interior Girder 6	8	0.95	1	1	7.21015
HS20_serv_opr	BOBJ1	62	168	Before	Right Exterior Girder	8	0.95	1	1	6.013125
HS20_serv_opr	BOBJ1	63	168	After	Left Exterior Girder	8	0.95	1	1	5.956818
HS20_serv_opr	BOBJ1	63	168	After	Interior Girder 1	8	0.95	1	1	7.300334
HS20_serv_opr	BOBJ1	63	168	After	Interior Girder 2	8	0.95	1	1	7.346826
HS20_serv_opr	BOBJ1	63	168	After	Interior Girder 3	8	0.95	1	1	7.051818
HS20_serv_opr	BOBJ1	63	168	After	Interior Girder 4	8	0.95	1	1	7.048146
HS20_serv_opr	BOBJ1	63	168	After	Interior Girder 5	8	0.95	1	1	7.340577
HS20_serv_opr	BOBJ1	63	168	After	Interior Girder 6	8	0.95	1	1	7.302531
HS20_serv_opr	BOBJ1	63	168	After	Right Exterior Girder	8	0.95	1	1	5.962623
HS20_serv_opr	BOBJ1	64	170	Before	Interior Girder 1	10	0.95	1	1	7.878975
HS20_serv_opr	BOBJ1	64	170	Before	Interior Girder 2	10	0.95	1	1	7.957274
HS20_serv_opr	BOBJ1	64	170	Before	Interior Girder 3	10	0.95	1	1	7.78925
HS20_serv_opr	BOBJ1	64	170	Before	Interior Girder 4	10	0.95	1	1	7.785049
HS20_serv_opr	BOBJ1	64	170	Before	Interior Girder 5	10	0.95	1	1	7.951153
HS20_serv_opr	BOBJ1	64	170	Before	Interior Girder 6	10	0.95	1	1	7.880769
HS20_serv_opr	BOBJ1	65	170	After	Interior Girder 1	10	0.95	1	1	3.881618
HS20_serv_opr	BOBJ1	65	170	After	Interior Girder 2	10	0.95	1	1	3.980874
HS20_serv_opr	BOBJ1	65	170	After	Interior Girder 3	10	0.95	1	1	3.856577
HS20_serv_opr	BOBJ1	65	170	After	Interior Girder 4	10	0.95	1	1	3.854665
HS20_serv_opr	BOBJ1	65	170	After	Interior Girder 5	10	0.95	1	1	3.977653
HS20_serv_opr	BOBJ1	65	170	After	Interior Girder 6	10	0.95	1	1	3.882677
HS20_serv_opr	BOBJ1	66	176	Before	Left Exterior Girder	16	0.95	1	1	8.278724
HS20_serv_opr	BOBJ1	66	176	Before	Interior Girder 1	16	0.95	1	1	5.293402
HS20_serv_opr	BOBJ1	66	176	Before	Interior Girder 2	16	0.95	1	1	5.495208
HS20_serv_opr	BOBJ1	66	176	Before	Interior Girder 3	16	0.95	1	1	5.702178
HS20_serv_opr	BOBJ1	66	176	Before	Interior Girder 4	16	0.95	1	1	5.699384
HS20_serv_opr	BOBJ1	66	176	Before	Interior Girder 5	16	0.95	1	1	5.492135
HS20_serv_opr	BOBJ1	66	176	Before	Interior Girder 6	16	0.95	1	1	5.29387
HS20_serv_opr	BOBJ1	66	176	Before	Right Exterior Girder	16	0.95	1	1	8.286929
HS20_serv_opr	BOBJ1	67	176	After	Left Exterior Girder	16	0.95	1	1	8.20528
HS20_serv_opr	BOBJ1	67	176	After	Interior Girder 1	16	0.95	1	1	5.345733
HS20_serv_opr	BOBJ1	67	176	After	Interior Girder 2	16	0.95	1	1	5.526782
HS20_serv_opr	BOBJ1	67	176	After	Interior Girder 3	16	0.95	1	1	5.706454
HS20_serv_opr	BOBJ1	67	176	After	Interior Girder 4	16	0.95	1	1	5.703966
HS20_serv_opr	BOBJ1	67	176	After	Interior Girder 5	16	0.95	1	1	5.522462
HS20_serv_opr	BOBJ1	67	176	After	Interior Girder 6	16	0.95	1	1	5.346364
HS20_serv_opr	BOBJ1	67	176	After	Right Exterior Girder	16	0.95	1	1	8.213407
HS20_serv_opr	BOBJ1	68	181	Before	Interior Girder 1	21	0.95	1	1	4.220379
HS20_serv_opr	BOBJ1	68	181	Before	Interior Girder 2	21	0.95	1	1	3.994742
HS20_serv_opr	BOBJ1	68	181	Before	Interior Girder 3	21	0.95	1	1	3.928557
HS20_serv_opr	BOBJ1	68	181	Before	Interior Girder 4	21	0.95	1	1	3.949266
HS20_serv_opr	BOBJ1	68	181	Before	Interior Girder 5	21	0.95	1	1	3.988191
HS20_serv_opr	BOBJ1	68	181	Before	Interior Girder 6	21	0.95	1	1	4.228681
HS20_serv_opr	BOBJ1	69	181	After	Interior Girder 1	21	0.95	1	1	6.775366
HS20_serv_opr	BOBJ1	69	181	After	Interior Girder 2	21	0.95	1	1	6.358379
HS20_serv_opr	BOBJ1	69	181	After	Interior Girder 3	21	0.95	1	1	6.399015
HS20_serv_opr	BOBJ1	69	181	After	Interior Girder 4	21	0.95	1	1	6.436575

TABLE: Bridge Super Rating AASHTORATE18 31 - SteelICompServ-Flx - Approach, Span 4-6										
Request	BridgeObj	BridgeCut	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	Unitless	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
HS20_serv_opr	BOBJ1	69	181	After	Interior Girder 5	21	0.95	1	1	6.34722
HS20_serv_opr	BOBJ1	69	181	After	Interior Girder 6	21	0.95	1	1	6.78875
HS20_serv_opr	BOBJ1	70	184	Before	Left Exterior Girder	24	0.95	1	1	5.646695
HS20_serv_opr	BOBJ1	70	184	Before	Interior Girder 1	24	0.95	1	1	5.560369
HS20_serv_opr	BOBJ1	70	184	Before	Interior Girder 2	24	0.95	1	1	5.341419
HS20_serv_opr	BOBJ1	70	184	Before	Interior Girder 3	24	0.95	1	1	5.387356
HS20_serv_opr	BOBJ1	70	184	Before	Interior Girder 4	24	0.95	1	1	5.407509
HS20_serv_opr	BOBJ1	70	184	Before	Interior Girder 5	24	0.95	1	1	5.329507
HS20_serv_opr	BOBJ1	70	184	Before	Interior Girder 6	24	0.95	1	1	5.571469
HS20_serv_opr	BOBJ1	70	184	Before	Right Exterior Girder	24	0.95	1	1	5.650933
HS20_serv_opr	BOBJ1	71	184	After	Left Exterior Girder	24	0.95	1	1	5.699784
HS20_serv_opr	BOBJ1	71	184	After	Interior Girder 1	24	0.95	1	1	5.499531
HS20_serv_opr	BOBJ1	71	184	After	Interior Girder 2	24	0.95	1	1	5.356242
HS20_serv_opr	BOBJ1	71	184	After	Interior Girder 3	24	0.95	1	1	5.450127
HS20_serv_opr	BOBJ1	71	184	After	Interior Girder 4	24	0.95	1	1	5.487236
HS20_serv_opr	BOBJ1	71	184	After	Interior Girder 5	24	0.95	1	1	5.349145
HS20_serv_opr	BOBJ1	71	184	After	Interior Girder 6	24	0.95	1	1	5.509846
HS20_serv_opr	BOBJ1	71	184	After	Right Exterior Girder	24	0.95	1	1	5.703764
HS20_serv_opr	BOBJ1	72	192	Before	Left Exterior Girder	32	0.95	1	1	4.152506
HS20_serv_opr	BOBJ1	72	192	Before	Interior Girder 1	32	0.95	1	1	3.974913
HS20_serv_opr	BOBJ1	72	192	Before	Interior Girder 2	32	0.95	1	1	4.038263
HS20_serv_opr	BOBJ1	72	192	Before	Interior Girder 3	32	0.95	1	1	4.111988
HS20_serv_opr	BOBJ1	72	192	Before	Interior Girder 4	32	0.95	1	1	4.11637
HS20_serv_opr	BOBJ1	72	192	Before	Interior Girder 5	32	0.95	1	1	4.0372
HS20_serv_opr	BOBJ1	72	192	Before	Interior Girder 6	32	0.95	1	1	3.974676
HS20_serv_opr	BOBJ1	72	192	Before	Right Exterior Girder	32	0.95	1	1	4.157223
HS20_serv_opr	BOBJ1	73	192	After	Left Exterior Girder	32	0.95	1	1	4.184253
HS20_serv_opr	BOBJ1	73	192	After	Interior Girder 1	32	0.95	1	1	3.929336
HS20_serv_opr	BOBJ1	73	192	After	Interior Girder 2	32	0.95	1	1	4.0272
HS20_serv_opr	BOBJ1	73	192	After	Interior Girder 3	32	0.95	1	1	4.112123
HS20_serv_opr	BOBJ1	73	192	After	Interior Girder 4	32	0.95	1	1	4.117155
HS20_serv_opr	BOBJ1	73	192	After	Interior Girder 5	32	0.95	1	1	4.027877
HS20_serv_opr	BOBJ1	73	192	After	Interior Girder 6	32	0.95	1	1	3.929205
HS20_serv_opr	BOBJ1	73	192	After	Right Exterior Girder	32	0.95	1	1	4.188259
HS20_serv_opr	BOBJ1	74	200	Before	Left Exterior Girder	40	0.95	1	1	3.583883
HS20_serv_opr	BOBJ1	74	200	Before	Interior Girder 1	40	0.95	1	1	3.206986
HS20_serv_opr	BOBJ1	74	200	Before	Interior Girder 2	40	0.95	1	1	3.286195
HS20_serv_opr	BOBJ1	74	200	Before	Interior Girder 3	40	0.95	1	1	3.395142
HS20_serv_opr	BOBJ1	74	200	Before	Interior Girder 4	40	0.95	1	1	3.401869
HS20_serv_opr	BOBJ1	74	200	Before	Interior Girder 5	40	0.95	1	1	3.280251
HS20_serv_opr	BOBJ1	74	200	Before	Interior Girder 6	40	0.95	1	1	3.211348
HS20_serv_opr	BOBJ1	74	200	Before	Right Exterior Girder	40	0.95	1	1	3.586934
HS20_serv_opr	BOBJ1	75	200	After	Left Exterior Girder	40	0.95	1	1	3.61188
HS20_serv_opr	BOBJ1	75	200	After	Interior Girder 1	40	0.95	1	1	3.195181
HS20_serv_opr	BOBJ1	75	200	After	Interior Girder 2	40	0.95	1	1	3.297298
HS20_serv_opr	BOBJ1	75	200	After	Interior Girder 3	40	0.95	1	1	3.404126
HS20_serv_opr	BOBJ1	75	200	After	Interior Girder 4	40	0.95	1	1	3.415351
HS20_serv_opr	BOBJ1	75	200	After	Interior Girder 5	40	0.95	1	1	3.291394
HS20_serv_opr	BOBJ1	75	200	After	Interior Girder 6	40	0.95	1	1	3.199307
HS20_serv_opr	BOBJ1	75	200	After	Right Exterior Girder	40	0.95	1	1	3.614863
HS20_serv_opr	BOBJ1	76	208	Before	Left Exterior Girder	48	0.95	1	1	3.350764
HS20_serv_opr	BOBJ1	76	208	Before	Interior Girder 1	48	0.95	1	1	3.10878
HS20_serv_opr	BOBJ1	76	208	Before	Interior Girder 2	48	0.95	1	1	3.251983
HS20_serv_opr	BOBJ1	76	208	Before	Interior Girder 3	48	0.95	1	1	3.343265
HS20_serv_opr	BOBJ1	76	208	Before	Interior Girder 4	48	0.95	1	1	3.346009
HS20_serv_opr	BOBJ1	76	208	Before	Interior Girder 5	48	0.95	1	1	3.250382
HS20_serv_opr	BOBJ1	76	208	Before	Interior Girder 6	48	0.95	1	1	3.108688
HS20_serv_opr	BOBJ1	76	208	Before	Right Exterior Girder	48	0.95	1	1	3.35425
HS20_serv_opr	BOBJ1	77	208	After	Left Exterior Girder	48	0.95	1	1	3.33831
HS20_serv_opr	BOBJ1	77	208	After	Interior Girder 1	48	0.95	1	1	3.10934
HS20_serv_opr	BOBJ1	77	208	After	Interior Girder 2	48	0.95	1	1	3.253763
HS20_serv_opr	BOBJ1	77	208	After	Interior Girder 3	48	0.95	1	1	3.336376
HS20_serv_opr	BOBJ1	77	208	After	Interior Girder 4	48	0.95	1	1	3.338283
HS20_serv_opr	BOBJ1	77	208	After	Interior Girder 5	48	0.95	1	1	3.252447
HS20_serv_opr	BOBJ1	77	208	After	Interior Girder 6	48	0.95	1	1	3.109228
HS20_serv_opr	BOBJ1	77	208	After	Right Exterior Girder	48	0.95	1	1	3.341899
HS20_serv_opr	BOBJ1	78	216	Before	Left Exterior Girder	56	0.95	1	1	3.876793
HS20_serv_opr	BOBJ1	78	216	Before	Interior Girder 1	56	0.95	1	1	3.37955
HS20_serv_opr	BOBJ1	78	216	Before	Interior Girder 2	56	0.95	1	1	3.441196
HS20_serv_opr	BOBJ1	78	216	Before	Interior Girder 3	56	0.95	1	1	3.57284
HS20_serv_opr	BOBJ1	78	216	Before	Interior Girder 4	56	0.95	1	1	3.588928
HS20_serv_opr	BOBJ1	78	216	Before	Interior Girder 5	56	0.95	1	1	3.434664
HS20_serv_opr	BOBJ1	78	216	Before	Interior Girder 6	56	0.95	1	1	3.384196

TABLE: Bridge Super Rating AASHTORATE18 31 - SteelICompServ-Flx - Approach, Span 4-6										
Request	BridgeObj	BridgeCut	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	Unitless	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
HS20_serv_opr	BOBJ1	78	216	Before	Right Exterior Girder	56	0.95	1	1	3.879605
HS20_serv_opr	BOBJ1	79	216	After	Left Exterior Girder	56	0.95	1	1	3.826317
HS20_serv_opr	BOBJ1	79	216	After	Interior Girder 1	56	0.95	1	1	3.393052
HS20_serv_opr	BOBJ1	79	216	After	Interior Girder 2	56	0.95	1	1	3.434535
HS20_serv_opr	BOBJ1	79	216	After	Interior Girder 3	56	0.95	1	1	3.528085
HS20_serv_opr	BOBJ1	79	216	After	Interior Girder 4	56	0.95	1	1	3.535075
HS20_serv_opr	BOBJ1	79	216	After	Interior Girder 5	56	0.95	1	1	3.428067
HS20_serv_opr	BOBJ1	79	216	After	Interior Girder 6	56	0.95	1	1	3.398928
HS20_serv_opr	BOBJ1	79	216	After	Right Exterior Girder	56	0.95	1	1	3.829644
HS20_serv_opr	BOBJ1	80	224	Before	Left Exterior Girder	64	0.95	1	1	5.004955
HS20_serv_opr	BOBJ1	80	224	Before	Interior Girder 1	64	0.95	1	1	4.587614
HS20_serv_opr	BOBJ1	80	224	Before	Interior Girder 2	64	0.95	1	1	4.580755
HS20_serv_opr	BOBJ1	80	224	Before	Interior Girder 3	64	0.95	1	1	4.695
HS20_serv_opr	BOBJ1	80	224	Before	Interior Girder 4	64	0.95	1	1	4.699788
HS20_serv_opr	BOBJ1	80	224	Before	Interior Girder 5	64	0.95	1	1	4.584542
HS20_serv_opr	BOBJ1	80	224	Before	Interior Girder 6	64	0.95	1	1	4.5872
HS20_serv_opr	BOBJ1	80	224	Before	Right Exterior Girder	64	0.95	1	1	5.010024
HS20_serv_opr	BOBJ1	81	224	After	Left Exterior Girder	64	0.95	1	1	4.942983
HS20_serv_opr	BOBJ1	81	224	After	Interior Girder 1	64	0.95	1	1	4.668381
HS20_serv_opr	BOBJ1	81	224	After	Interior Girder 2	64	0.95	1	1	4.565396
HS20_serv_opr	BOBJ1	81	224	After	Interior Girder 3	64	0.95	1	1	4.645449
HS20_serv_opr	BOBJ1	81	224	After	Interior Girder 4	64	0.95	1	1	4.647835
HS20_serv_opr	BOBJ1	81	224	After	Interior Girder 5	64	0.95	1	1	4.56436
HS20_serv_opr	BOBJ1	81	224	After	Interior Girder 6	64	0.95	1	1	4.667938
HS20_serv_opr	BOBJ1	81	224	After	Right Exterior Girder	64	0.95	1	1	4.948473
HS20_serv_opr	BOBJ1	82	232	Before	Left Exterior Girder	72	0.95	1	1	8.997253
HS20_serv_opr	BOBJ1	82	232	Before	Interior Girder 1	72	0.95	1	1	8.118442
HS20_serv_opr	BOBJ1	82	232	Before	Interior Girder 2	72	0.95	1	1	7.716002
HS20_serv_opr	BOBJ1	82	232	Before	Interior Girder 3	72	0.95	1	1	7.794027
HS20_serv_opr	BOBJ1	82	232	Before	Interior Girder 4	72	0.95	1	1	7.864411
HS20_serv_opr	BOBJ1	82	232	Before	Interior Girder 5	72	0.95	1	1	7.727638
HS20_serv_opr	BOBJ1	82	232	Before	Interior Girder 6	72	0.95	1	1	8.136835
HS20_serv_opr	BOBJ1	82	232	Before	Right Exterior Girder	72	0.95	1	1	9.003941
HS20_serv_opr	BOBJ1	83	232	After	Left Exterior Girder	72	0.95	1	1	9.019297
HS20_serv_opr	BOBJ1	83	232	After	Interior Girder 1	72	0.95	1	1	8.078389
HS20_serv_opr	BOBJ1	83	232	After	Interior Girder 2	72	0.95	1	1	7.603226
HS20_serv_opr	BOBJ1	83	232	After	Interior Girder 3	72	0.95	1	1	7.454796
HS20_serv_opr	BOBJ1	83	232	After	Interior Girder 4	72	0.95	1	1	7.498629
HS20_serv_opr	BOBJ1	83	232	After	Interior Girder 5	72	0.95	1	1	7.593137
HS20_serv_opr	BOBJ1	83	232	After	Interior Girder 6	72	0.95	1	1	8.102196
HS20_serv_opr	BOBJ1	83	232	After	Right Exterior Girder	72	0.95	1	1	9.028412
HS20_serv_opr	BOBJ1	84	240	Before	Left Exterior Girder	80	0.95	1	1	74.227039
HS20_serv_opr	BOBJ1	84	240	Before	Interior Girder 1	80	0.95	1	1	42.545505
HS20_serv_opr	BOBJ1	84	240	Before	Interior Girder 2	80	0.95	1	1	35.509309
HS20_serv_opr	BOBJ1	84	240	Before	Interior Girder 3	80	0.95	1	1	24.48357
HS20_serv_opr	BOBJ1	84	240	Before	Interior Girder 4	80	0.95	1	1	24.64927
HS20_serv_opr	BOBJ1	84	240	Before	Interior Girder 5	80	0.95	1	1	35.097433
HS20_serv_opr	BOBJ1	84	240	Before	Interior Girder 6	80	0.95	1	1	42.552174
HS20_serv_opr	BOBJ1	84	240	Before	Right Exterior Girder	80	0.95	1	1	74.313328
HS20_serv_inv	BOBJ1	1	0	After	Left Exterior Girder	0	0.95	1	1	415.550948
HS20_serv_inv	BOBJ1	1	0	After	Interior Girder 1	0	0.95	1	1	433.964546
HS20_serv_inv	BOBJ1	1	0	After	Interior Girder 2	0	0.95	1	1	336.179663
HS20_serv_inv	BOBJ1	1	0	After	Interior Girder 3	0	0.95	1	1	214.525366
HS20_serv_inv	BOBJ1	1	0	After	Interior Girder 4	0	0.95	1	1	216.254598
HS20_serv_inv	BOBJ1	1	0	After	Interior Girder 5	0	0.95	1	1	331.695507
HS20_serv_inv	BOBJ1	1	0	After	Interior Girder 6	0	0.95	1	1	416.464938
HS20_serv_inv	BOBJ1	1	0	After	Right Exterior Girder	0	0.95	1	1	415.968599
HS20_serv_inv	BOBJ1	2	8	Before	Left Exterior Girder	8	0.95	1	1	6.892685
HS20_serv_inv	BOBJ1	2	8	Before	Interior Girder 1	8	0.95	1	1	6.360378
HS20_serv_inv	BOBJ1	2	8	Before	Interior Girder 2	8	0.95	1	1	6.020312
HS20_serv_inv	BOBJ1	2	8	Before	Interior Girder 3	8	0.95	1	1	5.598031
HS20_serv_inv	BOBJ1	2	8	Before	Interior Girder 4	8	0.95	1	1	5.629587
HS20_serv_inv	BOBJ1	2	8	Before	Interior Girder 5	8	0.95	1	1	6.00036
HS20_serv_inv	BOBJ1	2	8	Before	Interior Girder 6	8	0.95	1	1	6.384663
HS20_serv_inv	BOBJ1	2	8	Before	Right Exterior Girder	8	0.95	1	1	6.901636
HS20_serv_inv	BOBJ1	3	8	After	Left Exterior Girder	8	0.95	1	1	6.920053
HS20_serv_inv	BOBJ1	3	8	After	Interior Girder 1	8	0.95	1	1	6.341264
HS20_serv_inv	BOBJ1	3	8	After	Interior Girder 2	8	0.95	1	1	6.148805
HS20_serv_inv	BOBJ1	3	8	After	Interior Girder 3	8	0.95	1	1	5.845096
HS20_serv_inv	BOBJ1	3	8	After	Interior Girder 4	8	0.95	1	1	5.875644
HS20_serv_inv	BOBJ1	3	8	After	Interior Girder 5	8	0.95	1	1	6.130351
HS20_serv_inv	BOBJ1	3	8	After	Interior Girder 6	8	0.95	1	1	6.362939
HS20_serv_inv	BOBJ1	3	8	After	Right Exterior Girder	8	0.95	1	1	6.927611

TABLE: Bridge Super Rating AASHTORATE18 31 - SteelICompServ-Flx - Approach, Span 4-6										
Request	BridgeObj	BridgeCut	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	Unitless	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
HS20_serv_inv	BOBJ1	4	16	Before	Left Exterior Girder	16	0.95	1	1	3.693342
HS20_serv_inv	BOBJ1	4	16	Before	Interior Girder 1	16	0.95	1	1	3.909814
HS20_serv_inv	BOBJ1	4	16	Before	Interior Girder 2	16	0.95	1	1	3.756118
HS20_serv_inv	BOBJ1	4	16	Before	Interior Girder 3	16	0.95	1	1	3.752854
HS20_serv_inv	BOBJ1	4	16	Before	Interior Girder 4	16	0.95	1	1	3.750907
HS20_serv_inv	BOBJ1	4	16	Before	Interior Girder 5	16	0.95	1	1	3.755701
HS20_serv_inv	BOBJ1	4	16	Before	Interior Girder 6	16	0.95	1	1	3.909398
HS20_serv_inv	BOBJ1	4	16	Before	Right Exterior Girder	16	0.95	1	1	3.698035
HS20_serv_inv	BOBJ1	5	16	After	Left Exterior Girder	16	0.95	1	1	3.736299
HS20_serv_inv	BOBJ1	5	16	After	Interior Girder 1	16	0.95	1	1	3.85899
HS20_serv_inv	BOBJ1	5	16	After	Interior Girder 2	16	0.95	1	1	3.772073
HS20_serv_inv	BOBJ1	5	16	After	Interior Girder 3	16	0.95	1	1	3.813402
HS20_serv_inv	BOBJ1	5	16	After	Interior Girder 4	16	0.95	1	1	3.815329
HS20_serv_inv	BOBJ1	5	16	After	Interior Girder 5	16	0.95	1	1	3.77446
HS20_serv_inv	BOBJ1	5	16	After	Interior Girder 6	16	0.95	1	1	3.858685
HS20_serv_inv	BOBJ1	5	16	After	Right Exterior Girder	16	0.95	1	1	3.740744
HS20_serv_inv	BOBJ1	6	20.5	Before	Left Exterior Girder	20.5	0.95	1	1	3.218743
HS20_serv_inv	BOBJ1	6	20.5	Before	Right Exterior Girder	20.5	0.95	1	1	3.222306
HS20_serv_inv	BOBJ1	7	20.5	After	Left Exterior Girder	20.5	0.95	1	1	3.8482
HS20_serv_inv	BOBJ1	7	20.5	After	Right Exterior Girder	20.5	0.95	1	1	3.85233
HS20_serv_inv	BOBJ1	8	24	Before	Left Exterior Girder	24	0.95	1	1	3.513155
HS20_serv_inv	BOBJ1	8	24	Before	Interior Girder 1	24	0.95	1	1	2.888354
HS20_serv_inv	BOBJ1	8	24	Before	Interior Girder 2	24	0.95	1	1	2.875097
HS20_serv_inv	BOBJ1	8	24	Before	Interior Girder 3	24	0.95	1	1	2.909946
HS20_serv_inv	BOBJ1	8	24	Before	Interior Girder 4	24	0.95	1	1	2.915661
HS20_serv_inv	BOBJ1	8	24	Before	Interior Girder 5	24	0.95	1	1	2.869524
HS20_serv_inv	BOBJ1	8	24	Before	Interior Girder 6	24	0.95	1	1	2.893381
HS20_serv_inv	BOBJ1	8	24	Before	Right Exterior Girder	24	0.95	1	1	3.516149
HS20_serv_inv	BOBJ1	9	24	After	Left Exterior Girder	24	0.95	1	1	3.492003
HS20_serv_inv	BOBJ1	9	24	After	Interior Girder 1	24	0.95	1	1	2.912165
HS20_serv_inv	BOBJ1	9	24	After	Interior Girder 2	24	0.95	1	1	2.880913
HS20_serv_inv	BOBJ1	9	24	After	Interior Girder 3	24	0.95	1	1	2.938368
HS20_serv_inv	BOBJ1	9	24	After	Interior Girder 4	24	0.95	1	1	2.949146
HS20_serv_inv	BOBJ1	9	24	After	Interior Girder 5	24	0.95	1	1	2.875163
HS20_serv_inv	BOBJ1	9	24	After	Interior Girder 6	24	0.95	1	1	2.917013
HS20_serv_inv	BOBJ1	9	24	After	Right Exterior Girder	24	0.95	1	1	3.494845
HS20_serv_inv	BOBJ1	10	32	Before	Left Exterior Girder	32	0.95	1	1	3.063603
HS20_serv_inv	BOBJ1	10	32	Before	Interior Girder 1	32	0.95	1	1	2.740907
HS20_serv_inv	BOBJ1	10	32	Before	Interior Girder 2	32	0.95	1	1	2.748196
HS20_serv_inv	BOBJ1	10	32	Before	Interior Girder 3	32	0.95	1	1	2.788067
HS20_serv_inv	BOBJ1	10	32	Before	Interior Girder 4	32	0.95	1	1	2.789299
HS20_serv_inv	BOBJ1	10	32	Before	Interior Girder 5	32	0.95	1	1	2.747313
HS20_serv_inv	BOBJ1	10	32	Before	Interior Girder 6	32	0.95	1	1	2.74072
HS20_serv_inv	BOBJ1	10	32	Before	Right Exterior Girder	32	0.95	1	1	3.066992
HS20_serv_inv	BOBJ1	11	32	After	Left Exterior Girder	32	0.95	1	1	3.0707
HS20_serv_inv	BOBJ1	11	32	After	Interior Girder 1	32	0.95	1	1	2.742708
HS20_serv_inv	BOBJ1	11	32	After	Interior Girder 2	32	0.95	1	1	2.744603
HS20_serv_inv	BOBJ1	11	32	After	Interior Girder 3	32	0.95	1	1	2.790369
HS20_serv_inv	BOBJ1	11	32	After	Interior Girder 4	32	0.95	1	1	2.792309
HS20_serv_inv	BOBJ1	11	32	After	Interior Girder 5	32	0.95	1	1	2.74431
HS20_serv_inv	BOBJ1	11	32	After	Interior Girder 6	32	0.95	1	1	2.742548
HS20_serv_inv	BOBJ1	11	32	After	Right Exterior Girder	32	0.95	1	1	3.074017
HS20_serv_inv	BOBJ1	12	40	Before	Left Exterior Girder	40	0.95	1	1	3.244265
HS20_serv_inv	BOBJ1	12	40	Before	Interior Girder 1	40	0.95	1	1	2.773797
HS20_serv_inv	BOBJ1	12	40	Before	Interior Girder 2	40	0.95	1	1	2.783555
HS20_serv_inv	BOBJ1	12	40	Before	Interior Girder 3	40	0.95	1	1	2.849231
HS20_serv_inv	BOBJ1	12	40	Before	Interior Girder 4	40	0.95	1	1	2.858342
HS20_serv_inv	BOBJ1	12	40	Before	Interior Girder 5	40	0.95	1	1	2.779476
HS20_serv_inv	BOBJ1	12	40	Before	Interior Girder 6	40	0.95	1	1	2.777371
HS20_serv_inv	BOBJ1	12	40	Before	Right Exterior Girder	40	0.95	1	1	3.247046
HS20_serv_inv	BOBJ1	13	40	After	Left Exterior Girder	40	0.95	1	1	3.251006
HS20_serv_inv	BOBJ1	13	40	After	Interior Girder 1	40	0.95	1	1	2.776363
HS20_serv_inv	BOBJ1	13	40	After	Interior Girder 2	40	0.95	1	1	2.766942
HS20_serv_inv	BOBJ1	13	40	After	Interior Girder 3	40	0.95	1	1	2.833994
HS20_serv_inv	BOBJ1	13	40	After	Interior Girder 4	40	0.95	1	1	2.83964
HS20_serv_inv	BOBJ1	13	40	After	Interior Girder 5	40	0.95	1	1	2.762027
HS20_serv_inv	BOBJ1	13	40	After	Interior Girder 6	40	0.95	1	1	2.78015
HS20_serv_inv	BOBJ1	13	40	After	Right Exterior Girder	40	0.95	1	1	3.253866
HS20_serv_inv	BOBJ1	14	46.5	Before	Left Exterior Girder	46.5	0.95	1	1	3.519407
HS20_serv_inv	BOBJ1	14	46.5	Before	Right Exterior Girder	46.5	0.95	1	1	3.522731
HS20_serv_inv	BOBJ1	15	46.5	After	Left Exterior Girder	46.5	0.95	1	1	3.029351
HS20_serv_inv	BOBJ1	15	46.5	After	Right Exterior Girder	46.5	0.95	1	1	3.032358
HS20_serv_inv	BOBJ1	16	48	Before	Left Exterior Girder	48	0.95	1	1	3.109531

TABLE: Bridge Super Rating AASHTORATE18 31 - SteelICompServ-Flx - Approach, Span 4-6										
Request	BridgeObj	BridgeCut	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	Unitless	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
HS20_serv_inv	BOBJ1	16	48	Before	Interior Girder 1	48	0.95	1	1	3.343625
HS20_serv_inv	BOBJ1	16	48	Before	Interior Girder 2	48	0.95	1	1	3.38124
HS20_serv_inv	BOBJ1	16	48	Before	Interior Girder 3	48	0.95	1	1	3.424792
HS20_serv_inv	BOBJ1	16	48	Before	Interior Girder 4	48	0.95	1	1	3.428961
HS20_serv_inv	BOBJ1	16	48	Before	Interior Girder 5	48	0.95	1	1	3.383494
HS20_serv_inv	BOBJ1	16	48	Before	Interior Girder 6	48	0.95	1	1	3.343402
HS20_serv_inv	BOBJ1	16	48	Before	Right Exterior Girder	48	0.95	1	1	3.11267
HS20_serv_inv	BOBJ1	17	48	After	Left Exterior Girder	48	0.95	1	1	3.092921
HS20_serv_inv	BOBJ1	17	48	After	Interior Girder 1	48	0.95	1	1	3.382012
HS20_serv_inv	BOBJ1	17	48	After	Interior Girder 2	48	0.95	1	1	3.381617
HS20_serv_inv	BOBJ1	17	48	After	Interior Girder 3	48	0.95	1	1	3.416432
HS20_serv_inv	BOBJ1	17	48	After	Interior Girder 4	48	0.95	1	1	3.419627
HS20_serv_inv	BOBJ1	17	48	After	Interior Girder 5	48	0.95	1	1	3.380653
HS20_serv_inv	BOBJ1	17	48	After	Interior Girder 6	48	0.95	1	1	3.381764
HS20_serv_inv	BOBJ1	17	48	After	Right Exterior Girder	48	0.95	1	1	3.096488
HS20_serv_inv	BOBJ1	18	56	Before	Left Exterior Girder	56	0.95	1	1	4.251007
HS20_serv_inv	BOBJ1	18	56	Before	Interior Girder 1	56	0.95	1	1	4.557466
HS20_serv_inv	BOBJ1	18	56	Before	Interior Girder 2	56	0.95	1	1	4.439511
HS20_serv_inv	BOBJ1	18	56	Before	Interior Girder 3	56	0.95	1	1	4.497151
HS20_serv_inv	BOBJ1	18	56	Before	Interior Girder 4	56	0.95	1	1	4.526752
HS20_serv_inv	BOBJ1	18	56	Before	Interior Girder 5	56	0.95	1	1	4.434169
HS20_serv_inv	BOBJ1	18	56	Before	Interior Girder 6	56	0.95	1	1	4.566061
HS20_serv_inv	BOBJ1	18	56	Before	Right Exterior Girder	56	0.95	1	1	4.254098
HS20_serv_inv	BOBJ1	19	56	After	Left Exterior Girder	56	0.95	1	1	4.214799
HS20_serv_inv	BOBJ1	19	56	After	Interior Girder 1	56	0.95	1	1	4.615774
HS20_serv_inv	BOBJ1	19	56	After	Interior Girder 2	56	0.95	1	1	4.420095
HS20_serv_inv	BOBJ1	19	56	After	Interior Girder 3	56	0.95	1	1	4.437525
HS20_serv_inv	BOBJ1	19	56	After	Interior Girder 4	56	0.95	1	1	4.45218
HS20_serv_inv	BOBJ1	19	56	After	Interior Girder 5	56	0.95	1	1	4.410379
HS20_serv_inv	BOBJ1	19	56	After	Interior Girder 6	56	0.95	1	1	4.625017
HS20_serv_inv	BOBJ1	19	56	After	Right Exterior Girder	56	0.95	1	1	4.218108
HS20_serv_inv	BOBJ1	20	59	Before	Interior Girder 1	59	0.95	1	1	5.566688
HS20_serv_inv	BOBJ1	20	59	Before	Interior Girder 2	59	0.95	1	1	5.24157
HS20_serv_inv	BOBJ1	20	59	Before	Interior Girder 3	59	0.95	1	1	5.262198
HS20_serv_inv	BOBJ1	20	59	Before	Interior Girder 4	59	0.95	1	1	5.292285
HS20_serv_inv	BOBJ1	20	59	Before	Interior Girder 5	59	0.95	1	1	5.232561
HS20_serv_inv	BOBJ1	20	59	Before	Interior Girder 6	59	0.95	1	1	5.577672
HS20_serv_inv	BOBJ1	21	59	After	Interior Girder 1	59	0.95	1	1	3.18984
HS20_serv_inv	BOBJ1	21	59	After	Interior Girder 2	59	0.95	1	1	3.032799
HS20_serv_inv	BOBJ1	21	59	After	Interior Girder 3	59	0.95	1	1	2.969091
HS20_serv_inv	BOBJ1	21	59	After	Interior Girder 4	59	0.95	1	1	2.984121
HS20_serv_inv	BOBJ1	21	59	After	Interior Girder 5	59	0.95	1	1	3.027842
HS20_serv_inv	BOBJ1	21	59	After	Interior Girder 6	59	0.95	1	1	3.196128
HS20_serv_inv	BOBJ1	22	64	Before	Left Exterior Girder	64	0.95	1	1	6.329114
HS20_serv_inv	BOBJ1	22	64	Before	Interior Girder 1	64	0.95	1	1	3.971345
HS20_serv_inv	BOBJ1	22	64	Before	Interior Girder 2	64	0.95	1	1	4.090006
HS20_serv_inv	BOBJ1	22	64	Before	Interior Girder 3	64	0.95	1	1	4.219811
HS20_serv_inv	BOBJ1	22	64	Before	Interior Girder 4	64	0.95	1	1	4.217904
HS20_serv_inv	BOBJ1	22	64	Before	Interior Girder 5	64	0.95	1	1	4.087383
HS20_serv_inv	BOBJ1	22	64	Before	Interior Girder 6	64	0.95	1	1	3.971823
HS20_serv_inv	BOBJ1	22	64	Before	Right Exterior Girder	64	0.95	1	1	6.334479
HS20_serv_inv	BOBJ1	23	64	After	Left Exterior Girder	64	0.95	1	1	6.366922
HS20_serv_inv	BOBJ1	23	64	After	Interior Girder 1	64	0.95	1	1	3.943991
HS20_serv_inv	BOBJ1	23	64	After	Interior Girder 2	64	0.95	1	1	4.069213
HS20_serv_inv	BOBJ1	23	64	After	Interior Girder 3	64	0.95	1	1	4.217583
HS20_serv_inv	BOBJ1	23	64	After	Interior Girder 4	64	0.95	1	1	4.215471
HS20_serv_inv	BOBJ1	23	64	After	Interior Girder 5	64	0.95	1	1	4.066936
HS20_serv_inv	BOBJ1	23	64	After	Interior Girder 6	64	0.95	1	1	3.944346
HS20_serv_inv	BOBJ1	23	64	After	Right Exterior Girder	64	0.95	1	1	6.372787
HS20_serv_inv	BOBJ1	24	69	Before	Interior Girder 1	69	0.95	1	1	3.049588
HS20_serv_inv	BOBJ1	24	69	Before	Interior Girder 2	69	0.95	1	1	3.122271
HS20_serv_inv	BOBJ1	24	69	Before	Interior Girder 3	69	0.95	1	1	3.058297
HS20_serv_inv	BOBJ1	24	69	Before	Interior Girder 4	69	0.95	1	1	3.056795
HS20_serv_inv	BOBJ1	24	69	Before	Interior Girder 5	69	0.95	1	1	3.119853
HS20_serv_inv	BOBJ1	24	69	Before	Interior Girder 6	69	0.95	1	1	3.050376
HS20_serv_inv	BOBJ1	25	69	After	Interior Girder 1	69	0.95	1	1	6.413262
HS20_serv_inv	BOBJ1	25	69	After	Interior Girder 2	69	0.95	1	1	6.499918
HS20_serv_inv	BOBJ1	25	69	After	Interior Girder 3	69	0.95	1	1	6.418764
HS20_serv_inv	BOBJ1	25	69	After	Interior Girder 4	69	0.95	1	1	6.415345
HS20_serv_inv	BOBJ1	25	69	After	Interior Girder 5	69	0.95	1	1	6.495163
HS20_serv_inv	BOBJ1	25	69	After	Interior Girder 6	69	0.95	1	1	6.414612
HS20_serv_inv	BOBJ1	26	72	Before	Left Exterior Girder	72	0.95	1	1	4.685983
HS20_serv_inv	BOBJ1	26	72	Before	Interior Girder 1	72	0.95	1	1	5.752613

TABLE: Bridge Super Rating AASHTORATE18 31 - SteelICompServ-Flx - Approach, Span 4-6										
Request	BridgeObj	BridgeCut	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	Unitless	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
HS20_serv_inv	BOBJ1	26	72	Before	Interior Girder 2	72	0.95	1	1	5.787867
HS20_serv_inv	BOBJ1	26	72	Before	Interior Girder 3	72	0.95	1	1	5.562734
HS20_serv_inv	BOBJ1	26	72	Before	Interior Girder 4	72	0.95	1	1	5.559904
HS20_serv_inv	BOBJ1	26	72	Before	Interior Girder 5	72	0.95	1	1	5.782943
HS20_serv_inv	BOBJ1	26	72	Before	Interior Girder 6	72	0.95	1	1	5.75444
HS20_serv_inv	BOBJ1	26	72	Before	Right Exterior Girder	72	0.95	1	1	4.690524
HS20_serv_inv	BOBJ1	27	72	After	Left Exterior Girder	72	0.95	1	1	4.706396
HS20_serv_inv	BOBJ1	27	72	After	Interior Girder 1	72	0.95	1	1	5.690391
HS20_serv_inv	BOBJ1	27	72	After	Interior Girder 2	72	0.95	1	1	5.722567
HS20_serv_inv	BOBJ1	27	72	After	Interior Girder 3	72	0.95	1	1	5.518536
HS20_serv_inv	BOBJ1	27	72	After	Interior Girder 4	72	0.95	1	1	5.515969
HS20_serv_inv	BOBJ1	27	72	After	Interior Girder 5	72	0.95	1	1	5.717497
HS20_serv_inv	BOBJ1	27	72	After	Interior Girder 6	72	0.95	1	1	5.692263
HS20_serv_inv	BOBJ1	27	72	After	Right Exterior Girder	72	0.95	1	1	4.711045
HS20_serv_inv	BOBJ1	28	72.5	Before	Left Exterior Girder	72.5	0.95	1	1	4.569929
HS20_serv_inv	BOBJ1	28	72.5	Before	Right Exterior Girder	72.5	0.95	1	1	4.57454
HS20_serv_inv	BOBJ1	29	72.5	After	Left Exterior Girder	72.5	0.95	1	1	6.791728
HS20_serv_inv	BOBJ1	29	72.5	After	Right Exterior Girder	72.5	0.95	1	1	6.798684
HS20_serv_inv	BOBJ1	30	80	Before	Left Exterior Girder	80	0.95	1	1	4.987179
HS20_serv_inv	BOBJ1	30	80	Before	Interior Girder 1	80	0.95	1	1	4.026889
HS20_serv_inv	BOBJ1	30	80	Before	Interior Girder 2	80	0.95	1	1	3.79957
HS20_serv_inv	BOBJ1	30	80	Before	Interior Girder 3	80	0.95	1	1	3.217721
HS20_serv_inv	BOBJ1	30	80	Before	Interior Girder 4	80	0.95	1	1	3.222676
HS20_serv_inv	BOBJ1	30	80	Before	Interior Girder 5	80	0.95	1	1	3.791675
HS20_serv_inv	BOBJ1	30	80	Before	Interior Girder 6	80	0.95	1	1	4.030137
HS20_serv_inv	BOBJ1	30	80	Before	Right Exterior Girder	80	0.95	1	1	4.992726
HS20_serv_inv	BOBJ1	31	80	After	Left Exterior Girder	0	0.95	1	1	4.813049
HS20_serv_inv	BOBJ1	31	80	After	Interior Girder 1	0	0.95	1	1	3.913232
HS20_serv_inv	BOBJ1	31	80	After	Interior Girder 2	0	0.95	1	1	3.766827
HS20_serv_inv	BOBJ1	31	80	After	Interior Girder 3	0	0.95	1	1	3.18152
HS20_serv_inv	BOBJ1	31	80	After	Interior Girder 4	0	0.95	1	1	3.187544
HS20_serv_inv	BOBJ1	31	80	After	Interior Girder 5	0	0.95	1	1	3.754669
HS20_serv_inv	BOBJ1	31	80	After	Interior Girder 6	0	0.95	1	1	3.919302
HS20_serv_inv	BOBJ1	31	80	After	Right Exterior Girder	0	0.95	1	1	4.819135
HS20_serv_inv	BOBJ1	32	87.5	Before	Left Exterior Girder	7.5	0.95	1	1	7.258383
HS20_serv_inv	BOBJ1	32	87.5	Before	Right Exterior Girder	7.5	0.95	1	1	7.265346
HS20_serv_inv	BOBJ1	33	87.5	After	Left Exterior Girder	7.5	0.95	1	1	4.826214
HS20_serv_inv	BOBJ1	33	87.5	After	Right Exterior Girder	7.5	0.95	1	1	4.830743
HS20_serv_inv	BOBJ1	34	88	Before	Left Exterior Girder	8	0.95	1	1	4.94827
HS20_serv_inv	BOBJ1	34	88	Before	Interior Girder 1	8	0.95	1	1	5.644733
HS20_serv_inv	BOBJ1	34	88	Before	Interior Girder 2	8	0.95	1	1	5.622224
HS20_serv_inv	BOBJ1	34	88	Before	Interior Girder 3	8	0.95	1	1	5.368304
HS20_serv_inv	BOBJ1	34	88	Before	Interior Girder 4	8	0.95	1	1	5.365092
HS20_serv_inv	BOBJ1	34	88	Before	Interior Girder 5	8	0.95	1	1	5.615889
HS20_serv_inv	BOBJ1	34	88	Before	Interior Girder 6	8	0.95	1	1	5.64656
HS20_serv_inv	BOBJ1	34	88	Before	Right Exterior Girder	8	0.95	1	1	4.953132
HS20_serv_inv	BOBJ1	35	88	After	Left Exterior Girder	8	0.95	1	1	4.97943
HS20_serv_inv	BOBJ1	35	88	After	Interior Girder 1	8	0.95	1	1	5.657555
HS20_serv_inv	BOBJ1	35	88	After	Interior Girder 2	8	0.95	1	1	5.682372
HS20_serv_inv	BOBJ1	35	88	After	Interior Girder 3	8	0.95	1	1	5.403984
HS20_serv_inv	BOBJ1	35	88	After	Interior Girder 4	8	0.95	1	1	5.401285
HS20_serv_inv	BOBJ1	35	88	After	Interior Girder 5	8	0.95	1	1	5.676164
HS20_serv_inv	BOBJ1	35	88	After	Interior Girder 6	8	0.95	1	1	5.659282
HS20_serv_inv	BOBJ1	35	88	After	Right Exterior Girder	8	0.95	1	1	4.984163
HS20_serv_inv	BOBJ1	36	91	Before	Interior Girder 1	11	0.95	1	1	6.242019
HS20_serv_inv	BOBJ1	36	91	Before	Interior Girder 2	11	0.95	1	1	6.361462
HS20_serv_inv	BOBJ1	36	91	Before	Interior Girder 3	11	0.95	1	1	6.232254
HS20_serv_inv	BOBJ1	36	91	Before	Interior Girder 4	11	0.95	1	1	6.229064
HS20_serv_inv	BOBJ1	36	91	Before	Interior Girder 5	11	0.95	1	1	6.355526
HS20_serv_inv	BOBJ1	36	91	Before	Interior Girder 6	11	0.95	1	1	6.243285
HS20_serv_inv	BOBJ1	37	91	After	Interior Girder 1	11	0.95	1	1	2.759402
HS20_serv_inv	BOBJ1	37	91	After	Interior Girder 2	11	0.95	1	1	2.851156
HS20_serv_inv	BOBJ1	37	91	After	Interior Girder 3	11	0.95	1	1	2.770791
HS20_serv_inv	BOBJ1	37	91	After	Interior Girder 4	11	0.95	1	1	2.769499
HS20_serv_inv	BOBJ1	37	91	After	Interior Girder 5	11	0.95	1	1	2.848375
HS20_serv_inv	BOBJ1	37	91	After	Interior Girder 6	11	0.95	1	1	2.76007
HS20_serv_inv	BOBJ1	38	96	Before	Left Exterior Girder	16	0.95	1	1	6.940243
HS20_serv_inv	BOBJ1	38	96	Before	Interior Girder 1	16	0.95	1	1	3.503619
HS20_serv_inv	BOBJ1	38	96	Before	Interior Girder 2	16	0.95	1	1	3.67702
HS20_serv_inv	BOBJ1	38	96	Before	Interior Girder 3	16	0.95	1	1	3.821088
HS20_serv_inv	BOBJ1	38	96	Before	Interior Girder 4	16	0.95	1	1	3.819359
HS20_serv_inv	BOBJ1	38	96	Before	Interior Girder 5	16	0.95	1	1	3.674522
HS20_serv_inv	BOBJ1	38	96	Before	Interior Girder 6	16	0.95	1	1	3.50389

TABLE: Bridge Super Rating AASHTORATE18 31 - SteelICompServ-Flx - Approach, Span 4-6										
Request	BridgeObj	BridgeCut	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	Unitless	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
HS20_serv_inv	BOBJ1	38	96	Before	Right Exterior Girder	16	0.95	1	1	6.945417
HS20_serv_inv	BOBJ1	39	96	After	Left Exterior Girder	16	0.95	1	1	3.280644
HS20_serv_inv	BOBJ1	39	96	After	Interior Girder 1	16	0.95	1	1	3.543258
HS20_serv_inv	BOBJ1	39	96	After	Interior Girder 2	16	0.95	1	1	3.685941
HS20_serv_inv	BOBJ1	39	96	After	Interior Girder 3	16	0.95	1	1	3.804214
HS20_serv_inv	BOBJ1	39	96	After	Interior Girder 4	16	0.95	1	1	3.802652
HS20_serv_inv	BOBJ1	39	96	After	Interior Girder 5	16	0.95	1	1	3.683205
HS20_serv_inv	BOBJ1	39	96	After	Interior Girder 6	16	0.95	1	1	3.543674
HS20_serv_inv	BOBJ1	39	96	After	Right Exterior Girder	16	0.95	1	1	3.283208
HS20_serv_inv	BOBJ1	40	104	Before	Left Exterior Girder	24	0.95	1	1	4.444599
HS20_serv_inv	BOBJ1	40	104	Before	Interior Girder 1	24	0.95	1	1	3.825583
HS20_serv_inv	BOBJ1	40	104	Before	Interior Girder 2	24	0.95	1	1	3.655931
HS20_serv_inv	BOBJ1	40	104	Before	Interior Girder 3	24	0.95	1	1	3.605882
HS20_serv_inv	BOBJ1	40	104	Before	Interior Girder 4	24	0.95	1	1	3.629125
HS20_serv_inv	BOBJ1	40	104	Before	Interior Girder 5	24	0.95	1	1	3.650988
HS20_serv_inv	BOBJ1	40	104	Before	Interior Girder 6	24	0.95	1	1	3.83491
HS20_serv_inv	BOBJ1	40	104	Before	Right Exterior Girder	24	0.95	1	1	4.449042
HS20_serv_inv	BOBJ1	41	104	After	Left Exterior Girder	24	0.95	1	1	4.557536
HS20_serv_inv	BOBJ1	41	104	After	Interior Girder 1	24	0.95	1	1	3.769134
HS20_serv_inv	BOBJ1	41	104	After	Interior Girder 2	24	0.95	1	1	3.653918
HS20_serv_inv	BOBJ1	41	104	After	Interior Girder 3	24	0.95	1	1	3.65807
HS20_serv_inv	BOBJ1	41	104	After	Interior Girder 4	24	0.95	1	1	3.687272
HS20_serv_inv	BOBJ1	41	104	After	Interior Girder 5	24	0.95	1	1	3.653795
HS20_serv_inv	BOBJ1	41	104	After	Interior Girder 6	24	0.95	1	1	3.777707
HS20_serv_inv	BOBJ1	41	104	After	Right Exterior Girder	24	0.95	1	1	4.560921
HS20_serv_inv	BOBJ1	42	112	Before	Left Exterior Girder	32	0.95	1	1	2.972899
HS20_serv_inv	BOBJ1	42	112	Before	Interior Girder 1	32	0.95	1	1	2.988245
HS20_serv_inv	BOBJ1	42	112	Before	Interior Girder 2	32	0.95	1	1	2.976969
HS20_serv_inv	BOBJ1	42	112	Before	Interior Girder 3	32	0.95	1	1	2.99958
HS20_serv_inv	BOBJ1	42	112	Before	Interior Girder 4	32	0.95	1	1	3.003037
HS20_serv_inv	BOBJ1	42	112	Before	Interior Girder 5	32	0.95	1	1	2.980123
HS20_serv_inv	BOBJ1	42	112	Before	Interior Girder 6	32	0.95	1	1	2.987765
HS20_serv_inv	BOBJ1	42	112	Before	Right Exterior Girder	32	0.95	1	1	2.976551
HS20_serv_inv	BOBJ1	43	112	After	Left Exterior Girder	32	0.95	1	1	3.016699
HS20_serv_inv	BOBJ1	43	112	After	Interior Girder 1	32	0.95	1	1	2.960102
HS20_serv_inv	BOBJ1	43	112	After	Interior Girder 2	32	0.95	1	1	2.968405
HS20_serv_inv	BOBJ1	43	112	After	Interior Girder 3	32	0.95	1	1	3.005812
HS20_serv_inv	BOBJ1	43	112	After	Interior Girder 4	32	0.95	1	1	3.008504
HS20_serv_inv	BOBJ1	43	112	After	Interior Girder 5	32	0.95	1	1	2.973018
HS20_serv_inv	BOBJ1	43	112	After	Interior Girder 6	32	0.95	1	1	2.959692
HS20_serv_inv	BOBJ1	43	112	After	Right Exterior Girder	32	0.95	1	1	3.020247
HS20_serv_inv	BOBJ1	44	120	Before	Left Exterior Girder	40	0.95	1	1	2.814244
HS20_serv_inv	BOBJ1	44	120	Before	Interior Girder 1	40	0.95	1	1	2.646529
HS20_serv_inv	BOBJ1	44	120	Before	Interior Girder 2	40	0.95	1	1	2.634857
HS20_serv_inv	BOBJ1	44	120	Before	Interior Girder 3	40	0.95	1	1	2.671794
HS20_serv_inv	BOBJ1	44	120	Before	Interior Girder 4	40	0.95	1	1	2.684522
HS20_serv_inv	BOBJ1	44	120	Before	Interior Girder 5	40	0.95	1	1	2.630217
HS20_serv_inv	BOBJ1	44	120	Before	Interior Girder 6	40	0.95	1	1	2.651624
HS20_serv_inv	BOBJ1	44	120	Before	Right Exterior Girder	40	0.95	1	1	2.816757
HS20_serv_inv	BOBJ1	45	120	After	Left Exterior Girder	40	0.95	1	1	2.818446
HS20_serv_inv	BOBJ1	45	120	After	Interior Girder 1	40	0.95	1	1	2.644231
HS20_serv_inv	BOBJ1	45	120	After	Interior Girder 2	40	0.95	1	1	2.634385
HS20_serv_inv	BOBJ1	45	120	After	Interior Girder 3	40	0.95	1	1	2.672143
HS20_serv_inv	BOBJ1	45	120	After	Interior Girder 4	40	0.95	1	1	2.684396
HS20_serv_inv	BOBJ1	45	120	After	Interior Girder 5	40	0.95	1	1	2.629658
HS20_serv_inv	BOBJ1	45	120	After	Interior Girder 6	40	0.95	1	1	2.649337
HS20_serv_inv	BOBJ1	45	120	After	Right Exterior Girder	40	0.95	1	1	2.820969
HS20_serv_inv	BOBJ1	46	128	Before	Left Exterior Girder	48	0.95	1	1	2.968016
HS20_serv_inv	BOBJ1	46	128	Before	Interior Girder 1	48	0.95	1	1	2.937046
HS20_serv_inv	BOBJ1	46	128	Before	Interior Girder 2	48	0.95	1	1	2.948591
HS20_serv_inv	BOBJ1	46	128	Before	Interior Girder 3	48	0.95	1	1	2.987512
HS20_serv_inv	BOBJ1	46	128	Before	Interior Girder 4	48	0.95	1	1	2.990194
HS20_serv_inv	BOBJ1	46	128	Before	Interior Girder 5	48	0.95	1	1	2.953046
HS20_serv_inv	BOBJ1	46	128	Before	Interior Girder 6	48	0.95	1	1	2.936643
HS20_serv_inv	BOBJ1	46	128	Before	Right Exterior Girder	48	0.95	1	1	2.971498
HS20_serv_inv	BOBJ1	47	128	After	Left Exterior Girder	48	0.95	1	1	2.931519
HS20_serv_inv	BOBJ1	47	128	After	Interior Girder 1	48	0.95	1	1	2.958603
HS20_serv_inv	BOBJ1	47	128	After	Interior Girder 2	48	0.95	1	1	2.956702
HS20_serv_inv	BOBJ1	47	128	After	Interior Girder 3	48	0.95	1	1	2.982465
HS20_serv_inv	BOBJ1	47	128	After	Interior Girder 4	48	0.95	1	1	2.985772
HS20_serv_inv	BOBJ1	47	128	After	Interior Girder 5	48	0.95	1	1	2.959653
HS20_serv_inv	BOBJ1	47	128	After	Interior Girder 6	48	0.95	1	1	2.958141
HS20_serv_inv	BOBJ1	47	128	After	Right Exterior Girder	48	0.95	1	1	2.935104

TABLE: Bridge Super Rating AASHTORATE18 31 - SteelICompServ-Flx - Approach, Span 4-6										
Request	BridgeObj	BridgeCut	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	Unitless	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
HS20_serv_inv	BOBJ1	48	136	Before	Left Exterior Girder	56	0.95	1	1	4.39238
HS20_serv_inv	BOBJ1	48	136	Before	Interior Girder 1	56	0.95	1	1	3.706899
HS20_serv_inv	BOBJ1	48	136	Before	Interior Girder 2	56	0.95	1	1	3.607259
HS20_serv_inv	BOBJ1	48	136	Before	Interior Girder 3	56	0.95	1	1	3.616571
HS20_serv_inv	BOBJ1	48	136	Before	Interior Girder 4	56	0.95	1	1	3.645093
HS20_serv_inv	BOBJ1	48	136	Before	Interior Girder 5	56	0.95	1	1	3.606834
HS20_serv_inv	BOBJ1	48	136	Before	Interior Girder 6	56	0.95	1	1	3.715172
HS20_serv_inv	BOBJ1	48	136	Before	Right Exterior Girder	56	0.95	1	1	4.395685
HS20_serv_inv	BOBJ1	49	136	After	Left Exterior Girder	56	0.95	1	1	4.292037
HS20_serv_inv	BOBJ1	49	136	After	Interior Girder 1	56	0.95	1	1	3.756521
HS20_serv_inv	BOBJ1	49	136	After	Interior Girder 2	56	0.95	1	1	3.609748
HS20_serv_inv	BOBJ1	49	136	After	Interior Girder 3	56	0.95	1	1	3.568202
HS20_serv_inv	BOBJ1	49	136	After	Interior Girder 4	56	0.95	1	1	3.590164
HS20_serv_inv	BOBJ1	49	136	After	Interior Girder 5	56	0.95	1	1	3.604391
HS20_serv_inv	BOBJ1	49	136	After	Interior Girder 6	56	0.95	1	1	3.765503
HS20_serv_inv	BOBJ1	49	136	After	Right Exterior Girder	56	0.95	1	1	4.296309
HS20_serv_inv	BOBJ1	50	144	Before	Left Exterior Girder	64	0.95	1	1	3.23882
HS20_serv_inv	BOBJ1	50	144	Before	Interior Girder 1	64	0.95	1	1	3.479332
HS20_serv_inv	BOBJ1	50	144	Before	Interior Girder 2	64	0.95	1	1	3.648804
HS20_serv_inv	BOBJ1	50	144	Before	Interior Girder 3	64	0.95	1	1	3.800175
HS20_serv_inv	BOBJ1	50	144	Before	Interior Girder 4	64	0.95	1	1	3.798715
HS20_serv_inv	BOBJ1	50	144	Before	Interior Girder 5	64	0.95	1	1	3.646284
HS20_serv_inv	BOBJ1	50	144	Before	Interior Girder 6	64	0.95	1	1	3.479746
HS20_serv_inv	BOBJ1	50	144	Before	Right Exterior Girder	64	0.95	1	1	3.241239
HS20_serv_inv	BOBJ1	51	144	After	Left Exterior Girder	64	0.95	1	1	6.332598
HS20_serv_inv	BOBJ1	51	144	After	Interior Girder 1	64	0.95	1	1	3.431812
HS20_serv_inv	BOBJ1	51	144	After	Interior Girder 2	64	0.95	1	1	3.637899
HS20_serv_inv	BOBJ1	51	144	After	Interior Girder 3	64	0.95	1	1	3.814033
HS20_serv_inv	BOBJ1	51	144	After	Interior Girder 4	64	0.95	1	1	3.812395
HS20_serv_inv	BOBJ1	51	144	After	Interior Girder 5	64	0.95	1	1	3.635604
HS20_serv_inv	BOBJ1	51	144	After	Interior Girder 6	64	0.95	1	1	3.432107
HS20_serv_inv	BOBJ1	51	144	After	Right Exterior Girder	64	0.95	1	1	6.337112
HS20_serv_inv	BOBJ1	52	150	Before	Interior Girder 1	70	0.95	1	1	2.560441
HS20_serv_inv	BOBJ1	52	150	Before	Interior Girder 2	70	0.95	1	1	2.670223
HS20_serv_inv	BOBJ1	52	150	Before	Interior Girder 3	70	0.95	1	1	2.60096
HS20_serv_inv	BOBJ1	52	150	Before	Interior Girder 4	70	0.95	1	1	2.599764
HS20_serv_inv	BOBJ1	52	150	Before	Interior Girder 5	70	0.95	1	1	2.667658
HS20_serv_inv	BOBJ1	52	150	Before	Interior Girder 6	70	0.95	1	1	2.561096
HS20_serv_inv	BOBJ1	53	150	After	Interior Girder 1	70	0.95	1	1	5.544181
HS20_serv_inv	BOBJ1	53	150	After	Interior Girder 2	70	0.95	1	1	5.680477
HS20_serv_inv	BOBJ1	53	150	After	Interior Girder 3	70	0.95	1	1	5.579796
HS20_serv_inv	BOBJ1	53	150	After	Interior Girder 4	70	0.95	1	1	5.576981
HS20_serv_inv	BOBJ1	53	150	After	Interior Girder 5	70	0.95	1	1	5.675248
HS20_serv_inv	BOBJ1	53	150	After	Interior Girder 6	70	0.95	1	1	5.545367
HS20_serv_inv	BOBJ1	54	152	Before	Left Exterior Girder	72	0.95	1	1	4.472488
HS20_serv_inv	BOBJ1	54	152	Before	Interior Girder 1	72	0.95	1	1	5.159958
HS20_serv_inv	BOBJ1	54	152	Before	Interior Girder 2	72	0.95	1	1	5.257809
HS20_serv_inv	BOBJ1	54	152	Before	Interior Girder 3	72	0.95	1	1	5.065153
HS20_serv_inv	BOBJ1	54	152	Before	Interior Girder 4	72	0.95	1	1	5.062668
HS20_serv_inv	BOBJ1	54	152	Before	Interior Girder 5	72	0.95	1	1	5.252428
HS20_serv_inv	BOBJ1	54	152	Before	Interior Girder 6	72	0.95	1	1	5.16143
HS20_serv_inv	BOBJ1	54	152	Before	Right Exterior Girder	72	0.95	1	1	4.476578
HS20_serv_inv	BOBJ1	55	152	After	Left Exterior Girder	72	0.95	1	1	4.476082
HS20_serv_inv	BOBJ1	55	152	After	Interior Girder 1	72	0.95	1	1	5.13766
HS20_serv_inv	BOBJ1	55	152	After	Interior Girder 2	72	0.95	1	1	5.208606
HS20_serv_inv	BOBJ1	55	152	After	Interior Girder 3	72	0.95	1	1	5.034744
HS20_serv_inv	BOBJ1	55	152	After	Interior Girder 4	72	0.95	1	1	5.031813
HS20_serv_inv	BOBJ1	55	152	After	Interior Girder 5	72	0.95	1	1	5.203104
HS20_serv_inv	BOBJ1	55	152	After	Interior Girder 6	72	0.95	1	1	5.139177
HS20_serv_inv	BOBJ1	55	152	After	Right Exterior Girder	72	0.95	1	1	4.480293
HS20_serv_inv	BOBJ1	56	154	Before	Left Exterior Girder	74	0.95	1	1	4.014958
HS20_serv_inv	BOBJ1	56	154	Before	Right Exterior Girder	74	0.95	1	1	4.018716
HS20_serv_inv	BOBJ1	57	154	After	Left Exterior Girder	74	0.95	1	1	6.062168
HS20_serv_inv	BOBJ1	57	154	After	Right Exterior Girder	74	0.95	1	1	6.067936
HS20_serv_inv	BOBJ1	58	160	Before	Left Exterior Girder	80	0.95	1	1	4.460759
HS20_serv_inv	BOBJ1	58	160	Before	Interior Girder 1	80	0.95	1	1	3.671904
HS20_serv_inv	BOBJ1	58	160	Before	Interior Girder 2	80	0.95	1	1	3.568388
HS20_serv_inv	BOBJ1	58	160	Before	Interior Girder 3	80	0.95	1	1	3.026164
HS20_serv_inv	BOBJ1	58	160	Before	Interior Girder 4	80	0.95	1	1	3.031697
HS20_serv_inv	BOBJ1	58	160	Before	Interior Girder 5	80	0.95	1	1	3.556449
HS20_serv_inv	BOBJ1	58	160	Before	Interior Girder 6	80	0.95	1	1	3.673539
HS20_serv_inv	BOBJ1	58	160	Before	Right Exterior Girder	80	0.95	1	1	4.465407
HS20_serv_inv	BOBJ1	59	160	After	Left Exterior Girder	0	0.95	1	1	4.424089

TABLE: Bridge Super Rating AASHTORATE18 31 - SteelICompServ-Flx - Approach, Span 4-6										
Request	BridgeObj	BridgeCut	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	Unitless	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
HS20_serv_inv	BOBJ1	59	160	After	Interior Girder 1	0	0.95	1	1	3.577517
HS20_serv_inv	BOBJ1	59	160	After	Interior Girder 2	0	0.95	1	1	3.490248
HS20_serv_inv	BOBJ1	59	160	After	Interior Girder 3	0	0.95	1	1	2.985635
HS20_serv_inv	BOBJ1	59	160	After	Interior Girder 4	0	0.95	1	1	2.989955
HS20_serv_inv	BOBJ1	59	160	After	Interior Girder 5	0	0.95	1	1	3.484352
HS20_serv_inv	BOBJ1	59	160	After	Interior Girder 6	0	0.95	1	1	3.582812
HS20_serv_inv	BOBJ1	59	160	After	Right Exterior Girder	0	0.95	1	1	4.429381
HS20_serv_inv	BOBJ1	60	166	Before	Left Exterior Girder	6	0.95	1	1	6.198357
HS20_serv_inv	BOBJ1	60	166	Before	Right Exterior Girder	6	0.95	1	1	6.204985
HS20_serv_inv	BOBJ1	61	166	After	Left Exterior Girder	6	0.95	1	1	4.136052
HS20_serv_inv	BOBJ1	61	166	After	Right Exterior Girder	6	0.95	1	1	4.140412
HS20_serv_inv	BOBJ1	62	168	Before	Left Exterior Girder	8	0.95	1	1	4.620896
HS20_serv_inv	BOBJ1	62	168	Before	Interior Girder 1	8	0.95	1	1	5.544571
HS20_serv_inv	BOBJ1	62	168	Before	Interior Girder 2	8	0.95	1	1	5.591872
HS20_serv_inv	BOBJ1	62	168	Before	Interior Girder 3	8	0.95	1	1	5.38212
HS20_serv_inv	BOBJ1	62	168	Before	Interior Girder 4	8	0.95	1	1	5.379566
HS20_serv_inv	BOBJ1	62	168	Before	Interior Girder 5	8	0.95	1	1	5.586705
HS20_serv_inv	BOBJ1	62	168	Before	Interior Girder 6	8	0.95	1	1	5.546269
HS20_serv_inv	BOBJ1	62	168	Before	Right Exterior Girder	8	0.95	1	1	4.625481
HS20_serv_inv	BOBJ1	63	168	After	Left Exterior Girder	8	0.95	1	1	4.582168
HS20_serv_inv	BOBJ1	63	168	After	Interior Girder 1	8	0.95	1	1	5.615642
HS20_serv_inv	BOBJ1	63	168	After	Interior Girder 2	8	0.95	1	1	5.651404
HS20_serv_inv	BOBJ1	63	168	After	Interior Girder 3	8	0.95	1	1	5.424475
HS20_serv_inv	BOBJ1	63	168	After	Interior Girder 4	8	0.95	1	1	5.421651
HS20_serv_inv	BOBJ1	63	168	After	Interior Girder 5	8	0.95	1	1	5.646598
HS20_serv_inv	BOBJ1	63	168	After	Interior Girder 6	8	0.95	1	1	5.617331
HS20_serv_inv	BOBJ1	63	168	After	Right Exterior Girder	8	0.95	1	1	4.586633
HS20_serv_inv	BOBJ1	64	170	Before	Interior Girder 1	10	0.95	1	1	6.06075
HS20_serv_inv	BOBJ1	64	170	Before	Interior Girder 2	10	0.95	1	1	6.12098
HS20_serv_inv	BOBJ1	64	170	Before	Interior Girder 3	10	0.95	1	1	5.991731
HS20_serv_inv	BOBJ1	64	170	Before	Interior Girder 4	10	0.95	1	1	5.988499
HS20_serv_inv	BOBJ1	64	170	Before	Interior Girder 5	10	0.95	1	1	6.116271
HS20_serv_inv	BOBJ1	64	170	Before	Interior Girder 6	10	0.95	1	1	6.06213
HS20_serv_inv	BOBJ1	65	170	After	Interior Girder 1	10	0.95	1	1	2.98586
HS20_serv_inv	BOBJ1	65	170	After	Interior Girder 2	10	0.95	1	1	3.062211
HS20_serv_inv	BOBJ1	65	170	After	Interior Girder 3	10	0.95	1	1	2.966598
HS20_serv_inv	BOBJ1	65	170	After	Interior Girder 4	10	0.95	1	1	2.965127
HS20_serv_inv	BOBJ1	65	170	After	Interior Girder 5	10	0.95	1	1	3.059733
HS20_serv_inv	BOBJ1	65	170	After	Interior Girder 6	10	0.95	1	1	2.986675
HS20_serv_inv	BOBJ1	66	176	Before	Left Exterior Girder	16	0.95	1	1	6.368249
HS20_serv_inv	BOBJ1	66	176	Before	Interior Girder 1	16	0.95	1	1	4.071848
HS20_serv_inv	BOBJ1	66	176	Before	Interior Girder 2	16	0.95	1	1	4.227083
HS20_serv_inv	BOBJ1	66	176	Before	Interior Girder 3	16	0.95	1	1	4.386291
HS20_serv_inv	BOBJ1	66	176	Before	Interior Girder 4	16	0.95	1	1	4.384142
HS20_serv_inv	BOBJ1	66	176	Before	Interior Girder 5	16	0.95	1	1	4.224719
HS20_serv_inv	BOBJ1	66	176	Before	Interior Girder 6	16	0.95	1	1	4.072207
HS20_serv_inv	BOBJ1	66	176	Before	Right Exterior Girder	16	0.95	1	1	6.37456
HS20_serv_inv	BOBJ1	67	176	After	Left Exterior Girder	16	0.95	1	1	6.311754
HS20_serv_inv	BOBJ1	67	176	After	Interior Girder 1	16	0.95	1	1	4.112102
HS20_serv_inv	BOBJ1	67	176	After	Interior Girder 2	16	0.95	1	1	4.251371
HS20_serv_inv	BOBJ1	67	176	After	Interior Girder 3	16	0.95	1	1	4.38958
HS20_serv_inv	BOBJ1	67	176	After	Interior Girder 4	16	0.95	1	1	4.387666
HS20_serv_inv	BOBJ1	67	176	After	Interior Girder 5	16	0.95	1	1	4.248047
HS20_serv_inv	BOBJ1	67	176	After	Interior Girder 6	16	0.95	1	1	4.112588
HS20_serv_inv	BOBJ1	67	176	After	Right Exterior Girder	16	0.95	1	1	6.318005
HS20_serv_inv	BOBJ1	68	181	Before	Interior Girder 1	21	0.95	1	1	3.246445
HS20_serv_inv	BOBJ1	68	181	Before	Interior Girder 2	21	0.95	1	1	3.072878
HS20_serv_inv	BOBJ1	68	181	Before	Interior Girder 3	21	0.95	1	1	3.021967
HS20_serv_inv	BOBJ1	68	181	Before	Interior Girder 4	21	0.95	1	1	3.037897
HS20_serv_inv	BOBJ1	68	181	Before	Interior Girder 5	21	0.95	1	1	3.067839
HS20_serv_inv	BOBJ1	68	181	Before	Interior Girder 6	21	0.95	1	1	3.252832
HS20_serv_inv	BOBJ1	69	181	After	Interior Girder 1	21	0.95	1	1	5.21182
HS20_serv_inv	BOBJ1	69	181	After	Interior Girder 2	21	0.95	1	1	4.891061
HS20_serv_inv	BOBJ1	69	181	After	Interior Girder 3	21	0.95	1	1	4.922319
HS20_serv_inv	BOBJ1	69	181	After	Interior Girder 4	21	0.95	1	1	4.951211
HS20_serv_inv	BOBJ1	69	181	After	Interior Girder 5	21	0.95	1	1	4.882477
HS20_serv_inv	BOBJ1	69	181	After	Interior Girder 6	21	0.95	1	1	5.222115
HS20_serv_inv	BOBJ1	70	184	Before	Left Exterior Girder	24	0.95	1	1	4.343612
HS20_serv_inv	BOBJ1	70	184	Before	Interior Girder 1	24	0.95	1	1	4.277207
HS20_serv_inv	BOBJ1	70	184	Before	Interior Girder 2	24	0.95	1	1	4.108784
HS20_serv_inv	BOBJ1	70	184	Before	Interior Girder 3	24	0.95	1	1	4.14412
HS20_serv_inv	BOBJ1	70	184	Before	Interior Girder 4	24	0.95	1	1	4.159622
HS20_serv_inv	BOBJ1	70	184	Before	Interior Girder 5	24	0.95	1	1	4.099621

TABLE: Bridge Super Rating AASHTORATE18 31 - SteelICompServ-Flx - Approach, Span 4-6										
Request	BridgeObj	BridgeCut	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	Unitless	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
HS20_serv_inv	BOBJ1	70	184	Before	Interior Girder 6	24	0.95	1	1	4.285745
HS20_serv_inv	BOBJ1	70	184	Before	Right Exterior Girder	24	0.95	1	1	4.346871
HS20_serv_inv	BOBJ1	71	184	After	Left Exterior Girder	24	0.95	1	1	4.384449
HS20_serv_inv	BOBJ1	71	184	After	Interior Girder 1	24	0.95	1	1	4.230409
HS20_serv_inv	BOBJ1	71	184	After	Interior Girder 2	24	0.95	1	1	4.120186
HS20_serv_inv	BOBJ1	71	184	After	Interior Girder 3	24	0.95	1	1	4.192406
HS20_serv_inv	BOBJ1	71	184	After	Interior Girder 4	24	0.95	1	1	4.220951
HS20_serv_inv	BOBJ1	71	184	After	Interior Girder 5	24	0.95	1	1	4.114727
HS20_serv_inv	BOBJ1	71	184	After	Interior Girder 6	24	0.95	1	1	4.238343
HS20_serv_inv	BOBJ1	71	184	After	Right Exterior Girder	24	0.95	1	1	4.387511
HS20_serv_inv	BOBJ1	72	192	Before	Left Exterior Girder	32	0.95	1	1	3.194236
HS20_serv_inv	BOBJ1	72	192	Before	Interior Girder 1	32	0.95	1	1	3.057625
HS20_serv_inv	BOBJ1	72	192	Before	Interior Girder 2	32	0.95	1	1	3.106356
HS20_serv_inv	BOBJ1	72	192	Before	Interior Girder 3	32	0.95	1	1	3.163068
HS20_serv_inv	BOBJ1	72	192	Before	Interior Girder 4	32	0.95	1	1	3.166438
HS20_serv_inv	BOBJ1	72	192	Before	Interior Girder 5	32	0.95	1	1	3.105539
HS20_serv_inv	BOBJ1	72	192	Before	Interior Girder 6	32	0.95	1	1	3.057443
HS20_serv_inv	BOBJ1	72	192	Before	Right Exterior Girder	32	0.95	1	1	3.197864
HS20_serv_inv	BOBJ1	73	192	After	Left Exterior Girder	32	0.95	1	1	3.218656
HS20_serv_inv	BOBJ1	73	192	After	Interior Girder 1	32	0.95	1	1	3.022566
HS20_serv_inv	BOBJ1	73	192	After	Interior Girder 2	32	0.95	1	1	3.097846
HS20_serv_inv	BOBJ1	73	192	After	Interior Girder 3	32	0.95	1	1	3.163172
HS20_serv_inv	BOBJ1	73	192	After	Interior Girder 4	32	0.95	1	1	3.167042
HS20_serv_inv	BOBJ1	73	192	After	Interior Girder 5	32	0.95	1	1	3.098367
HS20_serv_inv	BOBJ1	73	192	After	Interior Girder 6	32	0.95	1	1	3.022465
HS20_serv_inv	BOBJ1	73	192	After	Right Exterior Girder	32	0.95	1	1	3.221738
HS20_serv_inv	BOBJ1	74	200	Before	Left Exterior Girder	40	0.95	1	1	2.756833
HS20_serv_inv	BOBJ1	74	200	Before	Interior Girder 1	40	0.95	1	1	2.466912
HS20_serv_inv	BOBJ1	74	200	Before	Interior Girder 2	40	0.95	1	1	2.527842
HS20_serv_inv	BOBJ1	74	200	Before	Interior Girder 3	40	0.95	1	1	2.611648
HS20_serv_inv	BOBJ1	74	200	Before	Interior Girder 4	40	0.95	1	1	2.616823
HS20_serv_inv	BOBJ1	74	200	Before	Interior Girder 5	40	0.95	1	1	2.52327
HS20_serv_inv	BOBJ1	74	200	Before	Interior Girder 6	40	0.95	1	1	2.470267
HS20_serv_inv	BOBJ1	74	200	Before	Right Exterior Girder	40	0.95	1	1	2.75918
HS20_serv_inv	BOBJ1	75	200	After	Left Exterior Girder	40	0.95	1	1	2.778369
HS20_serv_inv	BOBJ1	75	200	After	Interior Girder 1	40	0.95	1	1	2.457832
HS20_serv_inv	BOBJ1	75	200	After	Interior Girder 2	40	0.95	1	1	2.536383
HS20_serv_inv	BOBJ1	75	200	After	Interior Girder 3	40	0.95	1	1	2.618558
HS20_serv_inv	BOBJ1	75	200	After	Interior Girder 4	40	0.95	1	1	2.627193
HS20_serv_inv	BOBJ1	75	200	After	Interior Girder 5	40	0.95	1	1	2.531842
HS20_serv_inv	BOBJ1	75	200	After	Interior Girder 6	40	0.95	1	1	2.461005
HS20_serv_inv	BOBJ1	75	200	After	Right Exterior Girder	40	0.95	1	1	2.780663
HS20_serv_inv	BOBJ1	76	208	Before	Left Exterior Girder	48	0.95	1	1	2.577511
HS20_serv_inv	BOBJ1	76	208	Before	Interior Girder 1	48	0.95	1	1	2.391369
HS20_serv_inv	BOBJ1	76	208	Before	Interior Girder 2	48	0.95	1	1	2.501526
HS20_serv_inv	BOBJ1	76	208	Before	Interior Girder 3	48	0.95	1	1	2.571743
HS20_serv_inv	BOBJ1	76	208	Before	Interior Girder 4	48	0.95	1	1	2.573853
HS20_serv_inv	BOBJ1	76	208	Before	Interior Girder 5	48	0.95	1	1	2.500294
HS20_serv_inv	BOBJ1	76	208	Before	Interior Girder 6	48	0.95	1	1	2.391298
HS20_serv_inv	BOBJ1	76	208	Before	Right Exterior Girder	48	0.95	1	1	2.580192
HS20_serv_inv	BOBJ1	77	208	After	Left Exterior Girder	48	0.95	1	1	2.567931
HS20_serv_inv	BOBJ1	77	208	After	Interior Girder 1	48	0.95	1	1	2.3918
HS20_serv_inv	BOBJ1	77	208	After	Interior Girder 2	48	0.95	1	1	2.502895
HS20_serv_inv	BOBJ1	77	208	After	Interior Girder 3	48	0.95	1	1	2.566443
HS20_serv_inv	BOBJ1	77	208	After	Interior Girder 4	48	0.95	1	1	2.56791
HS20_serv_inv	BOBJ1	77	208	After	Interior Girder 5	48	0.95	1	1	2.501882
HS20_serv_inv	BOBJ1	77	208	After	Interior Girder 6	48	0.95	1	1	2.391714
HS20_serv_inv	BOBJ1	77	208	After	Right Exterior Girder	48	0.95	1	1	2.570691
HS20_serv_inv	BOBJ1	78	216	Before	Left Exterior Girder	56	0.95	1	1	2.982149
HS20_serv_inv	BOBJ1	78	216	Before	Interior Girder 1	56	0.95	1	1	2.599654
HS20_serv_inv	BOBJ1	78	216	Before	Interior Girder 2	56	0.95	1	1	2.647074
HS20_serv_inv	BOBJ1	78	216	Before	Interior Girder 3	56	0.95	1	1	2.748339
HS20_serv_inv	BOBJ1	78	216	Before	Interior Girder 4	56	0.95	1	1	2.760714
HS20_serv_inv	BOBJ1	78	216	Before	Interior Girder 5	56	0.95	1	1	2.64205
HS20_serv_inv	BOBJ1	78	216	Before	Interior Girder 6	56	0.95	1	1	2.603227
HS20_serv_inv	BOBJ1	78	216	Before	Right Exterior Girder	56	0.95	1	1	2.984311
HS20_serv_inv	BOBJ1	79	216	After	Left Exterior Girder	56	0.95	1	1	2.943321
HS20_serv_inv	BOBJ1	79	216	After	Interior Girder 1	56	0.95	1	1	2.61004
HS20_serv_inv	BOBJ1	79	216	After	Interior Girder 2	56	0.95	1	1	2.64195
HS20_serv_inv	BOBJ1	79	216	After	Interior Girder 3	56	0.95	1	1	2.713911
HS20_serv_inv	BOBJ1	79	216	After	Interior Girder 4	56	0.95	1	1	2.719289
HS20_serv_inv	BOBJ1	79	216	After	Interior Girder 5	56	0.95	1	1	2.636974
HS20_serv_inv	BOBJ1	79	216	After	Interior Girder 6	56	0.95	1	1	2.61456

TABLE: Bridge Super Rating AASHTORATE18 31 - SteelICompServ-Flx - Approach, Span 4-6										
Request	BridgeObj	BridgeCut	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	Unitless	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
HS20_serv_inv	BOBJ1	79	216	After	Right Exterior Girder	56	0.95	1	1	2.94588
HS20_serv_inv	BOBJ1	80	224	Before	Left Exterior Girder	64	0.95	1	1	3.849965
HS20_serv_inv	BOBJ1	80	224	Before	Interior Girder 1	64	0.95	1	1	3.528934
HS20_serv_inv	BOBJ1	80	224	Before	Interior Girder 2	64	0.95	1	1	3.523658
HS20_serv_inv	BOBJ1	80	224	Before	Interior Girder 3	64	0.95	1	1	3.611539
HS20_serv_inv	BOBJ1	80	224	Before	Interior Girder 4	64	0.95	1	1	3.615222
HS20_serv_inv	BOBJ1	80	224	Before	Interior Girder 5	64	0.95	1	1	3.526571
HS20_serv_inv	BOBJ1	80	224	Before	Interior Girder 6	64	0.95	1	1	3.528616
HS20_serv_inv	BOBJ1	80	224	Before	Right Exterior Girder	64	0.95	1	1	3.853865
HS20_serv_inv	BOBJ1	81	224	After	Left Exterior Girder	64	0.95	1	1	3.802295
HS20_serv_inv	BOBJ1	81	224	After	Interior Girder 1	64	0.95	1	1	3.591062
HS20_serv_inv	BOBJ1	81	224	After	Interior Girder 2	64	0.95	1	1	3.511843
HS20_serv_inv	BOBJ1	81	224	After	Interior Girder 3	64	0.95	1	1	3.573423
HS20_serv_inv	BOBJ1	81	224	After	Interior Girder 4	64	0.95	1	1	3.575258
HS20_serv_inv	BOBJ1	81	224	After	Interior Girder 5	64	0.95	1	1	3.511046
HS20_serv_inv	BOBJ1	81	224	After	Interior Girder 6	64	0.95	1	1	3.590722
HS20_serv_inv	BOBJ1	81	224	After	Right Exterior Girder	64	0.95	1	1	3.806518
HS20_serv_inv	BOBJ1	82	232	Before	Left Exterior Girder	72	0.95	1	1	6.920963
HS20_serv_inv	BOBJ1	82	232	Before	Interior Girder 1	72	0.95	1	1	6.244955
HS20_serv_inv	BOBJ1	82	232	Before	Interior Girder 2	72	0.95	1	1	5.935386
HS20_serv_inv	BOBJ1	82	232	Before	Interior Girder 3	72	0.95	1	1	5.995406
HS20_serv_inv	BOBJ1	82	232	Before	Interior Girder 4	72	0.95	1	1	6.049547
HS20_serv_inv	BOBJ1	82	232	Before	Interior Girder 5	72	0.95	1	1	5.944337
HS20_serv_inv	BOBJ1	82	232	Before	Interior Girder 6	72	0.95	1	1	6.259104
HS20_serv_inv	BOBJ1	82	232	Before	Right Exterior Girder	72	0.95	1	1	6.926108
HS20_serv_inv	BOBJ1	83	232	After	Left Exterior Girder	72	0.95	1	1	6.937921
HS20_serv_inv	BOBJ1	83	232	After	Interior Girder 1	72	0.95	1	1	6.214145
HS20_serv_inv	BOBJ1	83	232	After	Interior Girder 2	72	0.95	1	1	5.848635
HS20_serv_inv	BOBJ1	83	232	After	Interior Girder 3	72	0.95	1	1	5.734458
HS20_serv_inv	BOBJ1	83	232	After	Interior Girder 4	72	0.95	1	1	5.768176
HS20_serv_inv	BOBJ1	83	232	After	Interior Girder 5	72	0.95	1	1	5.840874
HS20_serv_inv	BOBJ1	83	232	After	Interior Girder 6	72	0.95	1	1	6.232459
HS20_serv_inv	BOBJ1	83	232	After	Right Exterior Girder	72	0.95	1	1	6.944932
HS20_serv_inv	BOBJ1	84	240	Before	Left Exterior Girder	80	0.95	1	1	57.097722
HS20_serv_inv	BOBJ1	84	240	Before	Interior Girder 1	80	0.95	1	1	32.727311
HS20_serv_inv	BOBJ1	84	240	Before	Interior Girder 2	80	0.95	1	1	27.314853
HS20_serv_inv	BOBJ1	84	240	Before	Interior Girder 3	80	0.95	1	1	18.833515
HS20_serv_inv	BOBJ1	84	240	Before	Interior Girder 4	80	0.95	1	1	18.960977
HS20_serv_inv	BOBJ1	84	240	Before	Interior Girder 5	80	0.95	1	1	26.998025
HS20_serv_inv	BOBJ1	84	240	Before	Interior Girder 6	80	0.95	1	1	32.732442
HS20_serv_inv	BOBJ1	84	240	Before	Right Exterior Girder	80	0.95	1	1	57.164099
HS15_serv_opr	BOBJ1	1	0	After	Left Exterior Girder	0	0.95	1	1	720.28831
HS15_serv_opr	BOBJ1	1	0	After	Interior Girder 1	0	0.95	1	1	752.205212
HS15_serv_opr	BOBJ1	1	0	After	Interior Girder 2	0	0.95	1	1	582.711417
HS15_serv_opr	BOBJ1	1	0	After	Interior Girder 3	0	0.95	1	1	371.843968
HS15_serv_opr	BOBJ1	1	0	After	Interior Girder 4	0	0.95	1	1	374.841303
HS15_serv_opr	BOBJ1	1	0	After	Interior Girder 5	0	0.95	1	1	574.938879
HS15_serv_opr	BOBJ1	1	0	After	Interior Girder 6	0	0.95	1	1	721.872559
HS15_serv_opr	BOBJ1	1	0	After	Right Exterior Girder	0	0.95	1	1	721.012239
HS15_serv_opr	BOBJ1	2	8	Before	Left Exterior Girder	8	0.95	1	1	11.947321
HS15_serv_opr	BOBJ1	2	8	Before	Interior Girder 1	8	0.95	1	1	11.024655
HS15_serv_opr	BOBJ1	2	8	Before	Interior Girder 2	8	0.95	1	1	10.435208
HS15_serv_opr	BOBJ1	2	8	Before	Interior Girder 3	8	0.95	1	1	9.703254
HS15_serv_opr	BOBJ1	2	8	Before	Interior Girder 4	8	0.95	1	1	9.75795
HS15_serv_opr	BOBJ1	2	8	Before	Interior Girder 5	8	0.95	1	1	10.400623
HS15_serv_opr	BOBJ1	2	8	Before	Interior Girder 6	8	0.95	1	1	11.066749
HS15_serv_opr	BOBJ1	2	8	Before	Right Exterior Girder	8	0.95	1	1	11.962835
HS15_serv_opr	BOBJ1	3	8	After	Left Exterior Girder	8	0.95	1	1	11.994759
HS15_serv_opr	BOBJ1	3	8	After	Interior Girder 1	8	0.95	1	1	10.991524
HS15_serv_opr	BOBJ1	3	8	After	Interior Girder 2	8	0.95	1	1	10.657929
HS15_serv_opr	BOBJ1	3	8	After	Interior Girder 3	8	0.95	1	1	10.131499
HS15_serv_opr	BOBJ1	3	8	After	Interior Girder 4	8	0.95	1	1	10.18445
HS15_serv_opr	BOBJ1	3	8	After	Interior Girder 5	8	0.95	1	1	10.625942
HS15_serv_opr	BOBJ1	3	8	After	Interior Girder 6	8	0.95	1	1	11.029095
HS15_serv_opr	BOBJ1	3	8	After	Right Exterior Girder	8	0.95	1	1	12.007859
HS15_serv_opr	BOBJ1	4	16	Before	Left Exterior Girder	16	0.95	1	1	6.401793
HS15_serv_opr	BOBJ1	4	16	Before	Interior Girder 1	16	0.95	1	1	6.777011
HS15_serv_opr	BOBJ1	4	16	Before	Interior Girder 2	16	0.95	1	1	6.510605
HS15_serv_opr	BOBJ1	4	16	Before	Interior Girder 3	16	0.95	1	1	6.504947
HS15_serv_opr	BOBJ1	4	16	Before	Interior Girder 4	16	0.95	1	1	6.501572
HS15_serv_opr	BOBJ1	4	16	Before	Interior Girder 5	16	0.95	1	1	6.509881
HS15_serv_opr	BOBJ1	4	16	Before	Interior Girder 6	16	0.95	1	1	6.77629
HS15_serv_opr	BOBJ1	4	16	Before	Right Exterior Girder	16	0.95	1	1	6.409927

TABLE: Bridge Super Rating AASHTORATE18 31 - SteelICompServ-Flx - Approach, Span 4-6										
Request	BridgeObj	BridgeCut	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	Unitless	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
HS15_serv_opr	BOBJ1	5	16	After	Left Exterior Girder	16	0.95	1	1	6.476251
HS15_serv_opr	BOBJ1	5	16	After	Interior Girder 1	16	0.95	1	1	6.688916
HS15_serv_opr	BOBJ1	5	16	After	Interior Girder 2	16	0.95	1	1	6.53826
HS15_serv_opr	BOBJ1	5	16	After	Interior Girder 3	16	0.95	1	1	6.609898
HS15_serv_opr	BOBJ1	5	16	After	Interior Girder 4	16	0.95	1	1	6.613236
HS15_serv_opr	BOBJ1	5	16	After	Interior Girder 5	16	0.95	1	1	6.542398
HS15_serv_opr	BOBJ1	5	16	After	Interior Girder 6	16	0.95	1	1	6.688387
HS15_serv_opr	BOBJ1	5	16	After	Right Exterior Girder	16	0.95	1	1	6.483956
HS15_serv_opr	BOBJ1	6	20.5	Before	Left Exterior Girder	20.5	0.95	1	1	5.579155
HS15_serv_opr	BOBJ1	6	20.5	Before	Right Exterior Girder	20.5	0.95	1	1	5.585331
HS15_serv_opr	BOBJ1	7	20.5	After	Left Exterior Girder	20.5	0.95	1	1	6.670213
HS15_serv_opr	BOBJ1	7	20.5	After	Right Exterior Girder	20.5	0.95	1	1	6.677372
HS15_serv_opr	BOBJ1	8	24	Before	Left Exterior Girder	24	0.95	1	1	6.089469
HS15_serv_opr	BOBJ1	8	24	Before	Interior Girder 1	24	0.95	1	1	5.006481
HS15_serv_opr	BOBJ1	8	24	Before	Interior Girder 2	24	0.95	1	1	4.983501
HS15_serv_opr	BOBJ1	8	24	Before	Interior Girder 3	24	0.95	1	1	5.043907
HS15_serv_opr	BOBJ1	8	24	Before	Interior Girder 4	24	0.95	1	1	5.053813
HS15_serv_opr	BOBJ1	8	24	Before	Interior Girder 5	24	0.95	1	1	4.973842
HS15_serv_opr	BOBJ1	8	24	Before	Interior Girder 6	24	0.95	1	1	5.015194
HS15_serv_opr	BOBJ1	8	24	Before	Right Exterior Girder	24	0.95	1	1	6.094658
HS15_serv_opr	BOBJ1	9	24	After	Left Exterior Girder	24	0.95	1	1	6.052806
HS15_serv_opr	BOBJ1	9	24	After	Interior Girder 1	24	0.95	1	1	5.047753
HS15_serv_opr	BOBJ1	9	24	After	Interior Girder 2	24	0.95	1	1	4.993582
HS15_serv_opr	BOBJ1	9	24	After	Interior Girder 3	24	0.95	1	1	5.093171
HS15_serv_opr	BOBJ1	9	24	After	Interior Girder 4	24	0.95	1	1	5.111853
HS15_serv_opr	BOBJ1	9	24	After	Interior Girder 5	24	0.95	1	1	4.983616
HS15_serv_opr	BOBJ1	9	24	After	Interior Girder 6	24	0.95	1	1	5.056156
HS15_serv_opr	BOBJ1	9	24	After	Right Exterior Girder	24	0.95	1	1	6.057731
HS15_serv_opr	BOBJ1	10	32	Before	Left Exterior Girder	32	0.95	1	1	5.310245
HS15_serv_opr	BOBJ1	10	32	Before	Interior Girder 1	32	0.95	1	1	4.750906
HS15_serv_opr	BOBJ1	10	32	Before	Interior Girder 2	32	0.95	1	1	4.76354
HS15_serv_opr	BOBJ1	10	32	Before	Interior Girder 3	32	0.95	1	1	4.832649
HS15_serv_opr	BOBJ1	10	32	Before	Interior Girder 4	32	0.95	1	1	4.834786
HS15_serv_opr	BOBJ1	10	32	Before	Interior Girder 5	32	0.95	1	1	4.762008
HS15_serv_opr	BOBJ1	10	32	Before	Interior Girder 6	32	0.95	1	1	4.750581
HS15_serv_opr	BOBJ1	10	32	Before	Right Exterior Girder	32	0.95	1	1	5.316119
HS15_serv_opr	BOBJ1	11	32	After	Left Exterior Girder	32	0.95	1	1	5.322547
HS15_serv_opr	BOBJ1	11	32	After	Interior Girder 1	32	0.95	1	1	4.754028
HS15_serv_opr	BOBJ1	11	32	After	Interior Girder 2	32	0.95	1	1	4.757312
HS15_serv_opr	BOBJ1	11	32	After	Interior Girder 3	32	0.95	1	1	4.83664
HS15_serv_opr	BOBJ1	11	32	After	Interior Girder 4	32	0.95	1	1	4.840003
HS15_serv_opr	BOBJ1	11	32	After	Interior Girder 5	32	0.95	1	1	4.756804
HS15_serv_opr	BOBJ1	11	32	After	Interior Girder 6	32	0.95	1	1	4.75375
HS15_serv_opr	BOBJ1	11	32	After	Right Exterior Girder	32	0.95	1	1	5.328295
HS15_serv_opr	BOBJ1	12	40	Before	Left Exterior Girder	40	0.95	1	1	5.623393
HS15_serv_opr	BOBJ1	12	40	Before	Interior Girder 1	40	0.95	1	1	4.807915
HS15_serv_opr	BOBJ1	12	40	Before	Interior Girder 2	40	0.95	1	1	4.82483
HS15_serv_opr	BOBJ1	12	40	Before	Interior Girder 3	40	0.95	1	1	4.938667
HS15_serv_opr	BOBJ1	12	40	Before	Interior Girder 4	40	0.95	1	1	4.954459
HS15_serv_opr	BOBJ1	12	40	Before	Interior Girder 5	40	0.95	1	1	4.817759
HS15_serv_opr	BOBJ1	12	40	Before	Interior Girder 6	40	0.95	1	1	4.81411
HS15_serv_opr	BOBJ1	12	40	Before	Right Exterior Girder	40	0.95	1	1	5.628213
HS15_serv_opr	BOBJ1	13	40	After	Left Exterior Girder	40	0.95	1	1	5.635077
HS15_serv_opr	BOBJ1	13	40	After	Interior Girder 1	40	0.95	1	1	4.812362
HS15_serv_opr	BOBJ1	13	40	After	Interior Girder 2	40	0.95	1	1	4.796034
HS15_serv_opr	BOBJ1	13	40	After	Interior Girder 3	40	0.95	1	1	4.912256
HS15_serv_opr	BOBJ1	13	40	After	Interior Girder 4	40	0.95	1	1	4.922043
HS15_serv_opr	BOBJ1	13	40	After	Interior Girder 5	40	0.95	1	1	4.787513
HS15_serv_opr	BOBJ1	13	40	After	Interior Girder 6	40	0.95	1	1	4.818927
HS15_serv_opr	BOBJ1	13	40	After	Right Exterior Girder	40	0.95	1	1	5.640035
HS15_serv_opr	BOBJ1	14	46.5	Before	Left Exterior Girder	46.5	0.95	1	1	6.100305
HS15_serv_opr	BOBJ1	14	46.5	Before	Right Exterior Girder	46.5	0.95	1	1	6.106068
HS15_serv_opr	BOBJ1	15	46.5	After	Left Exterior Girder	46.5	0.95	1	1	5.250874
HS15_serv_opr	BOBJ1	15	46.5	After	Right Exterior Girder	46.5	0.95	1	1	5.256088
HS15_serv_opr	BOBJ1	16	48	Before	Left Exterior Girder	48	0.95	1	1	5.389854
HS15_serv_opr	BOBJ1	16	48	Before	Interior Girder 1	48	0.95	1	1	5.795617
HS15_serv_opr	BOBJ1	16	48	Before	Interior Girder 2	48	0.95	1	1	5.860816
HS15_serv_opr	BOBJ1	16	48	Before	Interior Girder 3	48	0.95	1	1	5.936307
HS15_serv_opr	BOBJ1	16	48	Before	Interior Girder 4	48	0.95	1	1	5.943533
HS15_serv_opr	BOBJ1	16	48	Before	Interior Girder 5	48	0.95	1	1	5.864723
HS15_serv_opr	BOBJ1	16	48	Before	Interior Girder 6	48	0.95	1	1	5.79523
HS15_serv_opr	BOBJ1	16	48	Before	Right Exterior Girder	48	0.95	1	1	5.395295
HS15_serv_opr	BOBJ1	17	48	After	Left Exterior Girder	48	0.95	1	1	5.361063

TABLE: Bridge Super Rating AASHTORATE18 31 - SteelICompServ-Flx - Approach, Span 4-6										
Request	BridgeObj	BridgeCut	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	Unitless	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
HS15_serv_opr	BOBJ1	17	48	After	Interior Girder 1	48	0.95	1	1	5.862154
HS15_serv_opr	BOBJ1	17	48	After	Interior Girder 2	48	0.95	1	1	5.86147
HS15_serv_opr	BOBJ1	17	48	After	Interior Girder 3	48	0.95	1	1	5.921815
HS15_serv_opr	BOBJ1	17	48	After	Interior Girder 4	48	0.95	1	1	5.927354
HS15_serv_opr	BOBJ1	17	48	After	Interior Girder 5	48	0.95	1	1	5.859799
HS15_serv_opr	BOBJ1	17	48	After	Interior Girder 6	48	0.95	1	1	5.861724
HS15_serv_opr	BOBJ1	17	48	After	Right Exterior Girder	48	0.95	1	1	5.367246
HS15_serv_opr	BOBJ1	18	56	Before	Left Exterior Girder	56	0.95	1	1	7.368412
HS15_serv_opr	BOBJ1	18	56	Before	Interior Girder 1	56	0.95	1	1	7.899608
HS15_serv_opr	BOBJ1	18	56	Before	Interior Girder 2	56	0.95	1	1	7.695152
HS15_serv_opr	BOBJ1	18	56	Before	Interior Girder 3	56	0.95	1	1	7.795062
HS15_serv_opr	BOBJ1	18	56	Before	Interior Girder 4	56	0.95	1	1	7.846371
HS15_serv_opr	BOBJ1	18	56	Before	Interior Girder 5	56	0.95	1	1	7.685893
HS15_serv_opr	BOBJ1	18	56	Before	Interior Girder 6	56	0.95	1	1	7.914506
HS15_serv_opr	BOBJ1	18	56	Before	Right Exterior Girder	56	0.95	1	1	7.37377
HS15_serv_opr	BOBJ1	19	56	After	Left Exterior Girder	56	0.95	1	1	7.305652
HS15_serv_opr	BOBJ1	19	56	After	Interior Girder 1	56	0.95	1	1	8.000675
HS15_serv_opr	BOBJ1	19	56	After	Interior Girder 2	56	0.95	1	1	7.661498
HS15_serv_opr	BOBJ1	19	56	After	Interior Girder 3	56	0.95	1	1	7.691711
HS15_serv_opr	BOBJ1	19	56	After	Interior Girder 4	56	0.95	1	1	7.717112
HS15_serv_opr	BOBJ1	19	56	After	Interior Girder 5	56	0.95	1	1	7.644657
HS15_serv_opr	BOBJ1	19	56	After	Interior Girder 6	56	0.95	1	1	8.016695
HS15_serv_opr	BOBJ1	19	56	After	Right Exterior Girder	56	0.95	1	1	7.311387
HS15_serv_opr	BOBJ1	20	59	Before	Interior Girder 1	59	0.95	1	1	9.648925
HS15_serv_opr	BOBJ1	20	59	Before	Interior Girder 2	59	0.95	1	1	9.085389
HS15_serv_opr	BOBJ1	20	59	Before	Interior Girder 3	59	0.95	1	1	9.121143
HS15_serv_opr	BOBJ1	20	59	Before	Interior Girder 4	59	0.95	1	1	9.173294
HS15_serv_opr	BOBJ1	20	59	Before	Interior Girder 5	59	0.95	1	1	9.069772
HS15_serv_opr	BOBJ1	20	59	Before	Interior Girder 6	59	0.95	1	1	9.667965
HS15_serv_opr	BOBJ1	21	59	After	Interior Girder 1	59	0.95	1	1	5.529056
HS15_serv_opr	BOBJ1	21	59	After	Interior Girder 2	59	0.95	1	1	5.256852
HS15_serv_opr	BOBJ1	21	59	After	Interior Girder 3	59	0.95	1	1	5.146424
HS15_serv_opr	BOBJ1	21	59	After	Interior Girder 4	59	0.95	1	1	5.172476
HS15_serv_opr	BOBJ1	21	59	After	Interior Girder 5	59	0.95	1	1	5.248259
HS15_serv_opr	BOBJ1	21	59	After	Interior Girder 6	59	0.95	1	1	5.539955
HS15_serv_opr	BOBJ1	22	64	Before	Left Exterior Girder	64	0.95	1	1	10.970465
HS15_serv_opr	BOBJ1	22	64	Before	Interior Girder 1	64	0.95	1	1	6.883664
HS15_serv_opr	BOBJ1	22	64	Before	Interior Girder 2	64	0.95	1	1	7.089343
HS15_serv_opr	BOBJ1	22	64	Before	Interior Girder 3	64	0.95	1	1	7.314339
HS15_serv_opr	BOBJ1	22	64	Before	Interior Girder 4	64	0.95	1	1	7.311034
HS15_serv_opr	BOBJ1	22	64	Before	Interior Girder 5	64	0.95	1	1	7.084797
HS15_serv_opr	BOBJ1	22	64	Before	Interior Girder 6	64	0.95	1	1	6.884492
HS15_serv_opr	BOBJ1	22	64	Before	Right Exterior Girder	64	0.95	1	1	10.979764
HS15_serv_opr	BOBJ1	23	64	After	Left Exterior Girder	64	0.95	1	1	11.035998
HS15_serv_opr	BOBJ1	23	64	After	Interior Girder 1	64	0.95	1	1	6.83625
HS15_serv_opr	BOBJ1	23	64	After	Interior Girder 2	64	0.95	1	1	7.053302
HS15_serv_opr	BOBJ1	23	64	After	Interior Girder 3	64	0.95	1	1	7.310477
HS15_serv_opr	BOBJ1	23	64	After	Interior Girder 4	64	0.95	1	1	7.306816
HS15_serv_opr	BOBJ1	23	64	After	Interior Girder 5	64	0.95	1	1	7.049357
HS15_serv_opr	BOBJ1	23	64	After	Interior Girder 6	64	0.95	1	1	6.836866
HS15_serv_opr	BOBJ1	23	64	After	Right Exterior Girder	64	0.95	1	1	11.046164
HS15_serv_opr	BOBJ1	24	69	Before	Interior Girder 1	69	0.95	1	1	5.285953
HS15_serv_opr	BOBJ1	24	69	Before	Interior Girder 2	69	0.95	1	1	5.411936
HS15_serv_opr	BOBJ1	24	69	Before	Interior Girder 3	69	0.95	1	1	5.301048
HS15_serv_opr	BOBJ1	24	69	Before	Interior Girder 4	69	0.95	1	1	5.298444
HS15_serv_opr	BOBJ1	24	69	Before	Interior Girder 5	69	0.95	1	1	5.407745
HS15_serv_opr	BOBJ1	24	69	Before	Interior Girder 6	69	0.95	1	1	5.287318
HS15_serv_opr	BOBJ1	25	69	After	Interior Girder 1	69	0.95	1	1	11.116321
HS15_serv_opr	BOBJ1	25	69	After	Interior Girder 2	69	0.95	1	1	11.266524
HS15_serv_opr	BOBJ1	25	69	After	Interior Girder 3	69	0.95	1	1	11.125857
HS15_serv_opr	BOBJ1	25	69	After	Interior Girder 4	69	0.95	1	1	11.119931
HS15_serv_opr	BOBJ1	25	69	After	Interior Girder 5	69	0.95	1	1	11.258282
HS15_serv_opr	BOBJ1	25	69	After	Interior Girder 6	69	0.95	1	1	11.118661
HS15_serv_opr	BOBJ1	26	72	Before	Left Exterior Girder	72	0.95	1	1	8.122371
HS15_serv_opr	BOBJ1	26	72	Before	Interior Girder 1	72	0.95	1	1	9.971196
HS15_serv_opr	BOBJ1	26	72	Before	Interior Girder 2	72	0.95	1	1	10.032303
HS15_serv_opr	BOBJ1	26	72	Before	Interior Girder 3	72	0.95	1	1	9.642072
HS15_serv_opr	BOBJ1	26	72	Before	Interior Girder 4	72	0.95	1	1	9.637166
HS15_serv_opr	BOBJ1	26	72	Before	Interior Girder 5	72	0.95	1	1	10.023768
HS15_serv_opr	BOBJ1	26	72	Before	Interior Girder 6	72	0.95	1	1	9.974363
HS15_serv_opr	BOBJ1	26	72	Before	Right Exterior Girder	72	0.95	1	1	8.130242
HS15_serv_opr	BOBJ1	27	72	After	Left Exterior Girder	72	0.95	1	1	8.157752
HS15_serv_opr	BOBJ1	27	72	After	Interior Girder 1	72	0.95	1	1	9.863344

TABLE: Bridge Super Rating AASHTORATE18 31 - SteelICompServ-Flx - Approach, Span 4-6										
Request	BridgeObj	BridgeCut	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	Unitless	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
HS15_serv_opr	BOBJ1	27	72	After	Interior Girder 2	72	0.95	1	1	9.919117
HS15_serv_opr	BOBJ1	27	72	After	Interior Girder 3	72	0.95	1	1	9.565462
HS15_serv_opr	BOBJ1	27	72	After	Interior Girder 4	72	0.95	1	1	9.561013
HS15_serv_opr	BOBJ1	27	72	After	Interior Girder 5	72	0.95	1	1	9.910327
HS15_serv_opr	BOBJ1	27	72	After	Interior Girder 6	72	0.95	1	1	9.866589
HS15_serv_opr	BOBJ1	27	72	After	Right Exterior Girder	72	0.95	1	1	8.165811
HS15_serv_opr	BOBJ1	28	72.5	Before	Left Exterior Girder	72.5	0.95	1	1	7.921211
HS15_serv_opr	BOBJ1	28	72.5	Before	Right Exterior Girder	72.5	0.95	1	1	7.929203
HS15_serv_opr	BOBJ1	29	72.5	After	Left Exterior Girder	72.5	0.95	1	1	11.772329
HS15_serv_opr	BOBJ1	29	72.5	After	Right Exterior Girder	72.5	0.95	1	1	11.784386
HS15_serv_opr	BOBJ1	30	80	Before	Left Exterior Girder	80	0.95	1	1	8.644443
HS15_serv_opr	BOBJ1	30	80	Before	Interior Girder 1	80	0.95	1	1	6.97994
HS15_serv_opr	BOBJ1	30	80	Before	Interior Girder 2	80	0.95	1	1	6.585922
HS15_serv_opr	BOBJ1	30	80	Before	Interior Girder 3	80	0.95	1	1	5.577384
HS15_serv_opr	BOBJ1	30	80	Before	Interior Girder 4	80	0.95	1	1	5.585971
HS15_serv_opr	BOBJ1	30	80	Before	Interior Girder 5	80	0.95	1	1	6.572236
HS15_serv_opr	BOBJ1	30	80	Before	Interior Girder 6	80	0.95	1	1	6.985571
HS15_serv_opr	BOBJ1	30	80	Before	Right Exterior Girder	80	0.95	1	1	8.654059
HS15_serv_opr	BOBJ1	31	80	After	Left Exterior Girder	0	0.95	1	1	8.342619
HS15_serv_opr	BOBJ1	31	80	After	Interior Girder 1	0	0.95	1	1	6.782935
HS15_serv_opr	BOBJ1	31	80	After	Interior Girder 2	0	0.95	1	1	6.529166
HS15_serv_opr	BOBJ1	31	80	After	Interior Girder 3	0	0.95	1	1	5.514635
HS15_serv_opr	BOBJ1	31	80	After	Interior Girder 4	0	0.95	1	1	5.525075
HS15_serv_opr	BOBJ1	31	80	After	Interior Girder 5	0	0.95	1	1	6.508094
HS15_serv_opr	BOBJ1	31	80	After	Interior Girder 6	0	0.95	1	1	6.793457
HS15_serv_opr	BOBJ1	31	80	After	Right Exterior Girder	0	0.95	1	1	8.353167
HS15_serv_opr	BOBJ1	32	87.5	Before	Left Exterior Girder	7.5	0.95	1	1	12.581196
HS15_serv_opr	BOBJ1	32	87.5	Before	Right Exterior Girder	7.5	0.95	1	1	12.593267
HS15_serv_opr	BOBJ1	33	87.5	After	Left Exterior Girder	7.5	0.95	1	1	8.365438
HS15_serv_opr	BOBJ1	33	87.5	After	Right Exterior Girder	7.5	0.95	1	1	8.373288
HS15_serv_opr	BOBJ1	34	88	Before	Left Exterior Girder	8	0.95	1	1	8.577001
HS15_serv_opr	BOBJ1	34	88	Before	Interior Girder 1	8	0.95	1	1	9.784204
HS15_serv_opr	BOBJ1	34	88	Before	Interior Girder 2	8	0.95	1	1	9.745187
HS15_serv_opr	BOBJ1	34	88	Before	Interior Girder 3	8	0.95	1	1	9.30506
HS15_serv_opr	BOBJ1	34	88	Before	Interior Girder 4	8	0.95	1	1	9.299493
HS15_serv_opr	BOBJ1	34	88	Before	Interior Girder 5	8	0.95	1	1	9.734208
HS15_serv_opr	BOBJ1	34	88	Before	Interior Girder 6	8	0.95	1	1	9.787371
HS15_serv_opr	BOBJ1	34	88	Before	Right Exterior Girder	8	0.95	1	1	8.585429
HS15_serv_opr	BOBJ1	35	88	After	Left Exterior Girder	8	0.95	1	1	8.631012
HS15_serv_opr	BOBJ1	35	88	After	Interior Girder 1	8	0.95	1	1	9.806429
HS15_serv_opr	BOBJ1	35	88	After	Interior Girder 2	8	0.95	1	1	9.849445
HS15_serv_opr	BOBJ1	35	88	After	Interior Girder 3	8	0.95	1	1	9.366905
HS15_serv_opr	BOBJ1	35	88	After	Interior Girder 4	8	0.95	1	1	9.362228
HS15_serv_opr	BOBJ1	35	88	After	Interior Girder 5	8	0.95	1	1	9.838684
HS15_serv_opr	BOBJ1	35	88	After	Interior Girder 6	8	0.95	1	1	9.809422
HS15_serv_opr	BOBJ1	35	88	After	Right Exterior Girder	8	0.95	1	1	8.639216
HS15_serv_opr	BOBJ1	36	91	Before	Interior Girder 1	11	0.95	1	1	10.819499
HS15_serv_opr	BOBJ1	36	91	Before	Interior Girder 2	11	0.95	1	1	11.026534
HS15_serv_opr	BOBJ1	36	91	Before	Interior Girder 3	11	0.95	1	1	10.802574
HS15_serv_opr	BOBJ1	36	91	Before	Interior Girder 4	11	0.95	1	1	10.797044
HS15_serv_opr	BOBJ1	36	91	Before	Interior Girder 5	11	0.95	1	1	11.016246
HS15_serv_opr	BOBJ1	36	91	Before	Interior Girder 6	11	0.95	1	1	10.821694
HS15_serv_opr	BOBJ1	37	91	After	Interior Girder 1	11	0.95	1	1	4.782964
HS15_serv_opr	BOBJ1	37	91	After	Interior Girder 2	11	0.95	1	1	4.942003
HS15_serv_opr	BOBJ1	37	91	After	Interior Girder 3	11	0.95	1	1	4.802704
HS15_serv_opr	BOBJ1	37	91	After	Interior Girder 4	11	0.95	1	1	4.800464
HS15_serv_opr	BOBJ1	37	91	After	Interior Girder 5	11	0.95	1	1	4.937184
HS15_serv_opr	BOBJ1	37	91	After	Interior Girder 6	11	0.95	1	1	4.784122
HS15_serv_opr	BOBJ1	38	96	Before	Left Exterior Girder	16	0.95	1	1	12.029754
HS15_serv_opr	BOBJ1	38	96	Before	Interior Girder 1	16	0.95	1	1	6.07294
HS15_serv_opr	BOBJ1	38	96	Before	Interior Girder 2	16	0.95	1	1	6.3735
HS15_serv_opr	BOBJ1	38	96	Before	Interior Girder 3	16	0.95	1	1	6.623218
HS15_serv_opr	BOBJ1	38	96	Before	Interior Girder 4	16	0.95	1	1	6.620222
HS15_serv_opr	BOBJ1	38	96	Before	Interior Girder 5	16	0.95	1	1	6.369171
HS15_serv_opr	BOBJ1	38	96	Before	Interior Girder 6	16	0.95	1	1	6.073409
HS15_serv_opr	BOBJ1	38	96	Before	Right Exterior Girder	16	0.95	1	1	12.038723
HS15_serv_opr	BOBJ1	39	96	After	Left Exterior Girder	16	0.95	1	1	5.686449
HS15_serv_opr	BOBJ1	39	96	After	Interior Girder 1	16	0.95	1	1	6.141647
HS15_serv_opr	BOBJ1	39	96	After	Interior Girder 2	16	0.95	1	1	6.388965
HS15_serv_opr	BOBJ1	39	96	After	Interior Girder 3	16	0.95	1	1	6.593971
HS15_serv_opr	BOBJ1	39	96	After	Interior Girder 4	16	0.95	1	1	6.591264
HS15_serv_opr	BOBJ1	39	96	After	Interior Girder 5	16	0.95	1	1	6.384222
HS15_serv_opr	BOBJ1	39	96	After	Interior Girder 6	16	0.95	1	1	6.142368

TABLE: Bridge Super Rating AASHTORATE18 31 - SteelICompServ-Flx - Approach, Span 4-6										
Request	BridgeObj	BridgeCut	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	Unitless	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
HS15_serv_opr	BOBJ1	39	96	After	Right Exterior Girder	16	0.95	1	1	5.690894
HS15_serv_opr	BOBJ1	40	104	Before	Left Exterior Girder	24	0.95	1	1	7.703972
HS15_serv_opr	BOBJ1	40	104	Before	Interior Girder 1	24	0.95	1	1	6.631011
HS15_serv_opr	BOBJ1	40	104	Before	Interior Girder 2	24	0.95	1	1	6.336946
HS15_serv_opr	BOBJ1	40	104	Before	Interior Girder 3	24	0.95	1	1	6.250195
HS15_serv_opr	BOBJ1	40	104	Before	Interior Girder 4	24	0.95	1	1	6.290483
HS15_serv_opr	BOBJ1	40	104	Before	Interior Girder 5	24	0.95	1	1	6.328379
HS15_serv_opr	BOBJ1	40	104	Before	Interior Girder 6	24	0.95	1	1	6.647177
HS15_serv_opr	BOBJ1	40	104	Before	Right Exterior Girder	24	0.95	1	1	7.711672
HS15_serv_opr	BOBJ1	41	104	After	Left Exterior Girder	24	0.95	1	1	7.899729
HS15_serv_opr	BOBJ1	41	104	After	Interior Girder 1	24	0.95	1	1	6.533165
HS15_serv_opr	BOBJ1	41	104	After	Interior Girder 2	24	0.95	1	1	6.333458
HS15_serv_opr	BOBJ1	41	104	After	Interior Girder 3	24	0.95	1	1	6.340655
HS15_serv_opr	BOBJ1	41	104	After	Interior Girder 4	24	0.95	1	1	6.391272
HS15_serv_opr	BOBJ1	41	104	After	Interior Girder 5	24	0.95	1	1	6.333246
HS15_serv_opr	BOBJ1	41	104	After	Interior Girder 6	24	0.95	1	1	6.548026
HS15_serv_opr	BOBJ1	41	104	After	Right Exterior Girder	24	0.95	1	1	7.905597
HS15_serv_opr	BOBJ1	42	112	Before	Left Exterior Girder	32	0.95	1	1	5.153025
HS15_serv_opr	BOBJ1	42	112	Before	Interior Girder 1	32	0.95	1	1	5.179625
HS15_serv_opr	BOBJ1	42	112	Before	Interior Girder 2	32	0.95	1	1	5.160079
HS15_serv_opr	BOBJ1	42	112	Before	Interior Girder 3	32	0.95	1	1	5.199272
HS15_serv_opr	BOBJ1	42	112	Before	Interior Girder 4	32	0.95	1	1	5.205264
HS15_serv_opr	BOBJ1	42	112	Before	Interior Girder 5	32	0.95	1	1	5.165547
HS15_serv_opr	BOBJ1	42	112	Before	Interior Girder 6	32	0.95	1	1	5.178793
HS15_serv_opr	BOBJ1	42	112	Before	Right Exterior Girder	32	0.95	1	1	5.159355
HS15_serv_opr	BOBJ1	43	112	After	Left Exterior Girder	32	0.95	1	1	5.228944
HS15_serv_opr	BOBJ1	43	112	After	Interior Girder 1	32	0.95	1	1	5.130844
HS15_serv_opr	BOBJ1	43	112	After	Interior Girder 2	32	0.95	1	1	5.145236
HS15_serv_opr	BOBJ1	43	112	After	Interior Girder 3	32	0.95	1	1	5.210075
HS15_serv_opr	BOBJ1	43	112	After	Interior Girder 4	32	0.95	1	1	5.214741
HS15_serv_opr	BOBJ1	43	112	After	Interior Girder 5	32	0.95	1	1	5.153231
HS15_serv_opr	BOBJ1	43	112	After	Interior Girder 6	32	0.95	1	1	5.130133
HS15_serv_opr	BOBJ1	43	112	After	Right Exterior Girder	32	0.95	1	1	5.235094
HS15_serv_opr	BOBJ1	44	120	Before	Left Exterior Girder	40	0.95	1	1	4.878022
HS15_serv_opr	BOBJ1	44	120	Before	Interior Girder 1	40	0.95	1	1	4.587318
HS15_serv_opr	BOBJ1	44	120	Before	Interior Girder 2	40	0.95	1	1	4.567085
HS15_serv_opr	BOBJ1	44	120	Before	Interior Girder 3	40	0.95	1	1	4.631109
HS15_serv_opr	BOBJ1	44	120	Before	Interior Girder 4	40	0.95	1	1	4.653171
HS15_serv_opr	BOBJ1	44	120	Before	Interior Girder 5	40	0.95	1	1	4.559042
HS15_serv_opr	BOBJ1	44	120	Before	Interior Girder 6	40	0.95	1	1	4.596148
HS15_serv_opr	BOBJ1	44	120	Before	Right Exterior Girder	40	0.95	1	1	4.882379
HS15_serv_opr	BOBJ1	45	120	After	Left Exterior Girder	40	0.95	1	1	4.885306
HS15_serv_opr	BOBJ1	45	120	After	Interior Girder 1	40	0.95	1	1	4.583334
HS15_serv_opr	BOBJ1	45	120	After	Interior Girder 2	40	0.95	1	1	4.566267
HS15_serv_opr	BOBJ1	45	120	After	Interior Girder 3	40	0.95	1	1	4.631715
HS15_serv_opr	BOBJ1	45	120	After	Interior Girder 4	40	0.95	1	1	4.652954
HS15_serv_opr	BOBJ1	45	120	After	Interior Girder 5	40	0.95	1	1	4.558074
HS15_serv_opr	BOBJ1	45	120	After	Interior Girder 6	40	0.95	1	1	4.592185
HS15_serv_opr	BOBJ1	45	120	After	Right Exterior Girder	40	0.95	1	1	4.889679
HS15_serv_opr	BOBJ1	46	128	Before	Left Exterior Girder	48	0.95	1	1	5.144562
HS15_serv_opr	BOBJ1	46	128	Before	Interior Girder 1	48	0.95	1	1	5.090879
HS15_serv_opr	BOBJ1	46	128	Before	Interior Girder 2	48	0.95	1	1	5.110892
HS15_serv_opr	BOBJ1	46	128	Before	Interior Girder 3	48	0.95	1	1	5.178355
HS15_serv_opr	BOBJ1	46	128	Before	Interior Girder 4	48	0.95	1	1	5.183003
HS15_serv_opr	BOBJ1	46	128	Before	Interior Girder 5	48	0.95	1	1	5.118613
HS15_serv_opr	BOBJ1	46	128	Before	Interior Girder 6	48	0.95	1	1	5.090182
HS15_serv_opr	BOBJ1	46	128	Before	Right Exterior Girder	48	0.95	1	1	5.150597
HS15_serv_opr	BOBJ1	47	128	After	Left Exterior Girder	48	0.95	1	1	5.0813
HS15_serv_opr	BOBJ1	47	128	After	Interior Girder 1	48	0.95	1	1	5.128246
HS15_serv_opr	BOBJ1	47	128	After	Interior Girder 2	48	0.95	1	1	5.12495
HS15_serv_opr	BOBJ1	47	128	After	Interior Girder 3	48	0.95	1	1	5.169607
HS15_serv_opr	BOBJ1	47	128	After	Interior Girder 4	48	0.95	1	1	5.175337
HS15_serv_opr	BOBJ1	47	128	After	Interior Girder 5	48	0.95	1	1	5.130064
HS15_serv_opr	BOBJ1	47	128	After	Interior Girder 6	48	0.95	1	1	5.127444
HS15_serv_opr	BOBJ1	47	128	After	Right Exterior Girder	48	0.95	1	1	5.087513
HS15_serv_opr	BOBJ1	48	136	Before	Left Exterior Girder	56	0.95	1	1	7.613458
HS15_serv_opr	BOBJ1	48	136	Before	Interior Girder 1	56	0.95	1	1	6.425292
HS15_serv_opr	BOBJ1	48	136	Before	Interior Girder 2	56	0.95	1	1	6.252582
HS15_serv_opr	BOBJ1	48	136	Before	Interior Girder 3	56	0.95	1	1	6.268723
HS15_serv_opr	BOBJ1	48	136	Before	Interior Girder 4	56	0.95	1	1	6.318162
HS15_serv_opr	BOBJ1	48	136	Before	Interior Girder 5	56	0.95	1	1	6.251846
HS15_serv_opr	BOBJ1	48	136	Before	Interior Girder 6	56	0.95	1	1	6.439631
HS15_serv_opr	BOBJ1	48	136	Before	Right Exterior Girder	56	0.95	1	1	7.619188

TABLE: Bridge Super Rating AASHTORATE18 31 - SteelICompServ-Flx - Approach, Span 4-6										
Request	BridgeObj	BridgeCut	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	Unitless	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
HS15_serv_opr	BOBJ1	49	136	After	Left Exterior Girder	56	0.95	1	1	7.439532
HS15_serv_opr	BOBJ1	49	136	After	Interior Girder 1	56	0.95	1	1	6.511304
HS15_serv_opr	BOBJ1	49	136	After	Interior Girder 2	56	0.95	1	1	6.256896
HS15_serv_opr	BOBJ1	49	136	After	Interior Girder 3	56	0.95	1	1	6.184883
HS15_serv_opr	BOBJ1	49	136	After	Interior Girder 4	56	0.95	1	1	6.222951
HS15_serv_opr	BOBJ1	49	136	After	Interior Girder 5	56	0.95	1	1	6.247611
HS15_serv_opr	BOBJ1	49	136	After	Interior Girder 6	56	0.95	1	1	6.526872
HS15_serv_opr	BOBJ1	49	136	After	Right Exterior Girder	56	0.95	1	1	7.446936
HS15_serv_opr	BOBJ1	50	144	Before	Left Exterior Girder	64	0.95	1	1	5.613955
HS15_serv_opr	BOBJ1	50	144	Before	Interior Girder 1	64	0.95	1	1	6.030842
HS15_serv_opr	BOBJ1	50	144	Before	Interior Girder 2	64	0.95	1	1	6.324593
HS15_serv_opr	BOBJ1	50	144	Before	Interior Girder 3	64	0.95	1	1	6.58697
HS15_serv_opr	BOBJ1	50	144	Before	Interior Girder 4	64	0.95	1	1	6.584439
HS15_serv_opr	BOBJ1	50	144	Before	Interior Girder 5	64	0.95	1	1	6.320226
HS15_serv_opr	BOBJ1	50	144	Before	Interior Girder 6	64	0.95	1	1	6.03156
HS15_serv_opr	BOBJ1	50	144	Before	Right Exterior Girder	64	0.95	1	1	5.618147
HS15_serv_opr	BOBJ1	51	144	After	Left Exterior Girder	64	0.95	1	1	10.976503
HS15_serv_opr	BOBJ1	51	144	After	Interior Girder 1	64	0.95	1	1	5.948475
HS15_serv_opr	BOBJ1	51	144	After	Interior Girder 2	64	0.95	1	1	6.305692
HS15_serv_opr	BOBJ1	51	144	After	Interior Girder 3	64	0.95	1	1	6.61099
HS15_serv_opr	BOBJ1	51	144	After	Interior Girder 4	64	0.95	1	1	6.608151
HS15_serv_opr	BOBJ1	51	144	After	Interior Girder 5	64	0.95	1	1	6.301713
HS15_serv_opr	BOBJ1	51	144	After	Interior Girder 6	64	0.95	1	1	5.948985
HS15_serv_opr	BOBJ1	51	144	After	Right Exterior Girder	64	0.95	1	1	10.984328
HS15_serv_opr	BOBJ1	52	150	Before	Interior Girder 1	70	0.95	1	1	4.438098
HS15_serv_opr	BOBJ1	52	150	Before	Interior Girder 2	70	0.95	1	1	4.628386
HS15_serv_opr	BOBJ1	52	150	Before	Interior Girder 3	70	0.95	1	1	4.508332
HS15_serv_opr	BOBJ1	52	150	Before	Interior Girder 4	70	0.95	1	1	4.506257
HS15_serv_opr	BOBJ1	52	150	Before	Interior Girder 5	70	0.95	1	1	4.623941
HS15_serv_opr	BOBJ1	52	150	Before	Interior Girder 6	70	0.95	1	1	4.439234
HS15_serv_opr	BOBJ1	53	150	After	Interior Girder 1	70	0.95	1	1	9.609914
HS15_serv_opr	BOBJ1	53	150	After	Interior Girder 2	70	0.95	1	1	9.84616
HS15_serv_opr	BOBJ1	53	150	After	Interior Girder 3	70	0.95	1	1	9.671646
HS15_serv_opr	BOBJ1	53	150	After	Interior Girder 4	70	0.95	1	1	9.666767
HS15_serv_opr	BOBJ1	53	150	After	Interior Girder 5	70	0.95	1	1	9.837097
HS15_serv_opr	BOBJ1	53	150	After	Interior Girder 6	70	0.95	1	1	9.611969
HS15_serv_opr	BOBJ1	54	152	Before	Left Exterior Girder	72	0.95	1	1	7.752313
HS15_serv_opr	BOBJ1	54	152	Before	Interior Girder 1	72	0.95	1	1	8.943928
HS15_serv_opr	BOBJ1	54	152	Before	Interior Girder 2	72	0.95	1	1	9.113536
HS15_serv_opr	BOBJ1	54	152	Before	Interior Girder 3	72	0.95	1	1	8.779598
HS15_serv_opr	BOBJ1	54	152	Before	Interior Girder 4	72	0.95	1	1	8.775291
HS15_serv_opr	BOBJ1	54	152	Before	Interior Girder 5	72	0.95	1	1	9.104208
HS15_serv_opr	BOBJ1	54	152	Before	Interior Girder 6	72	0.95	1	1	8.946478
HS15_serv_opr	BOBJ1	54	152	Before	Right Exterior Girder	72	0.95	1	1	7.759402
HS15_serv_opr	BOBJ1	55	152	After	Left Exterior Girder	72	0.95	1	1	7.758542
HS15_serv_opr	BOBJ1	55	152	After	Interior Girder 1	72	0.95	1	1	8.905277
HS15_serv_opr	BOBJ1	55	152	After	Interior Girder 2	72	0.95	1	1	9.028251
HS15_serv_opr	BOBJ1	55	152	After	Interior Girder 3	72	0.95	1	1	8.726889
HS15_serv_opr	BOBJ1	55	152	After	Interior Girder 4	72	0.95	1	1	8.721809
HS15_serv_opr	BOBJ1	55	152	After	Interior Girder 5	72	0.95	1	1	9.018713
HS15_serv_opr	BOBJ1	55	152	After	Interior Girder 6	72	0.95	1	1	8.907907
HS15_serv_opr	BOBJ1	55	152	After	Right Exterior Girder	72	0.95	1	1	7.765841
HS15_serv_opr	BOBJ1	56	154	Before	Left Exterior Girder	74	0.95	1	1	6.959261
HS15_serv_opr	BOBJ1	56	154	Before	Right Exterior Girder	74	0.95	1	1	6.965774
HS15_serv_opr	BOBJ1	57	154	After	Left Exterior Girder	74	0.95	1	1	10.507758
HS15_serv_opr	BOBJ1	57	154	After	Right Exterior Girder	74	0.95	1	1	10.517756
HS15_serv_opr	BOBJ1	58	160	Before	Left Exterior Girder	80	0.95	1	1	7.731982
HS15_serv_opr	BOBJ1	58	160	Before	Interior Girder 1	80	0.95	1	1	6.364633
HS15_serv_opr	BOBJ1	58	160	Before	Interior Girder 2	80	0.95	1	1	6.185207
HS15_serv_opr	BOBJ1	58	160	Before	Interior Girder 3	80	0.95	1	1	5.245352
HS15_serv_opr	BOBJ1	58	160	Before	Interior Girder 4	80	0.95	1	1	5.254941
HS15_serv_opr	BOBJ1	58	160	Before	Interior Girder 5	80	0.95	1	1	6.164512
HS15_serv_opr	BOBJ1	58	160	Before	Interior Girder 6	80	0.95	1	1	6.367467
HS15_serv_opr	BOBJ1	58	160	Before	Right Exterior Girder	80	0.95	1	1	7.740038
HS15_serv_opr	BOBJ1	59	160	After	Left Exterior Girder	0	0.95	1	1	7.66842
HS15_serv_opr	BOBJ1	59	160	After	Interior Girder 1	0	0.95	1	1	6.201029
HS15_serv_opr	BOBJ1	59	160	After	Interior Girder 2	0	0.95	1	1	6.049763
HS15_serv_opr	BOBJ1	59	160	After	Interior Girder 3	0	0.95	1	1	5.175101
HS15_serv_opr	BOBJ1	59	160	After	Interior Girder 4	0	0.95	1	1	5.182589
HS15_serv_opr	BOBJ1	59	160	After	Interior Girder 5	0	0.95	1	1	6.039543
HS15_serv_opr	BOBJ1	59	160	After	Interior Girder 6	0	0.95	1	1	6.210207
HS15_serv_opr	BOBJ1	59	160	After	Right Exterior Girder	0	0.95	1	1	7.677593
HS15_serv_opr	BOBJ1	60	166	Before	Left Exterior Girder	6	0.95	1	1	10.743819

TABLE: Bridge Super Rating AASHTORATE18 31 - SteelICompServ-Flx - Approach, Span 4-6										
Request	BridgeObj	BridgeCut	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	Unitless	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
HS15_serv_opr	BOBJ1	60	166	Before	Right Exterior Girder	6	0.95	1	1	10.755307
HS15_serv_opr	BOBJ1	61	166	After	Left Exterior Girder	6	0.95	1	1	7.169157
HS15_serv_opr	BOBJ1	61	166	After	Right Exterior Girder	6	0.95	1	1	7.176714
HS15_serv_opr	BOBJ1	62	168	Before	Left Exterior Girder	8	0.95	1	1	8.009554
HS15_serv_opr	BOBJ1	62	168	Before	Interior Girder 1	8	0.95	1	1	9.610589
HS15_serv_opr	BOBJ1	62	168	Before	Interior Girder 2	8	0.95	1	1	9.692578
HS15_serv_opr	BOBJ1	62	168	Before	Interior Girder 3	8	0.95	1	1	9.329008
HS15_serv_opr	BOBJ1	62	168	Before	Interior Girder 4	8	0.95	1	1	9.324581
HS15_serv_opr	BOBJ1	62	168	Before	Interior Girder 5	8	0.95	1	1	9.683623
HS15_serv_opr	BOBJ1	62	168	Before	Interior Girder 6	8	0.95	1	1	9.613533
HS15_serv_opr	BOBJ1	62	168	Before	Right Exterior Girder	8	0.95	1	1	8.017501
HS15_serv_opr	BOBJ1	63	168	After	Left Exterior Girder	8	0.95	1	1	7.942424
HS15_serv_opr	BOBJ1	63	168	After	Interior Girder 1	8	0.95	1	1	9.733779
HS15_serv_opr	BOBJ1	63	168	After	Interior Girder 2	8	0.95	1	1	9.795768
HS15_serv_opr	BOBJ1	63	168	After	Interior Girder 3	8	0.95	1	1	9.402424
HS15_serv_opr	BOBJ1	63	168	After	Interior Girder 4	8	0.95	1	1	9.397528
HS15_serv_opr	BOBJ1	63	168	After	Interior Girder 5	8	0.95	1	1	9.787436
HS15_serv_opr	BOBJ1	63	168	After	Interior Girder 6	8	0.95	1	1	9.736708
HS15_serv_opr	BOBJ1	63	168	After	Right Exterior Girder	8	0.95	1	1	7.950164
HS15_serv_opr	BOBJ1	64	170	Before	Interior Girder 1	10	0.95	1	1	10.5053
HS15_serv_opr	BOBJ1	64	170	Before	Interior Girder 2	10	0.95	1	1	10.609698
HS15_serv_opr	BOBJ1	64	170	Before	Interior Girder 3	10	0.95	1	1	10.385667
HS15_serv_opr	BOBJ1	64	170	Before	Interior Girder 4	10	0.95	1	1	10.380065
HS15_serv_opr	BOBJ1	64	170	Before	Interior Girder 5	10	0.95	1	1	10.601537
HS15_serv_opr	BOBJ1	64	170	Before	Interior Girder 6	10	0.95	1	1	10.507692
HS15_serv_opr	BOBJ1	65	170	After	Interior Girder 1	10	0.95	1	1	5.175491
HS15_serv_opr	BOBJ1	65	170	After	Interior Girder 2	10	0.95	1	1	5.307832
HS15_serv_opr	BOBJ1	65	170	After	Interior Girder 3	10	0.95	1	1	5.142103
HS15_serv_opr	BOBJ1	65	170	After	Interior Girder 4	10	0.95	1	1	5.139553
HS15_serv_opr	BOBJ1	65	170	After	Interior Girder 5	10	0.95	1	1	5.303538
HS15_serv_opr	BOBJ1	65	170	After	Interior Girder 6	10	0.95	1	1	5.176903
HS15_serv_opr	BOBJ1	66	176	Before	Left Exterior Girder	16	0.95	1	1	11.038299
HS15_serv_opr	BOBJ1	66	176	Before	Interior Girder 1	16	0.95	1	1	7.057869
HS15_serv_opr	BOBJ1	66	176	Before	Interior Girder 2	16	0.95	1	1	7.326944
HS15_serv_opr	BOBJ1	66	176	Before	Interior Girder 3	16	0.95	1	1	7.602905
HS15_serv_opr	BOBJ1	66	176	Before	Interior Girder 4	16	0.95	1	1	7.599179
HS15_serv_opr	BOBJ1	66	176	Before	Interior Girder 5	16	0.95	1	1	7.322847
HS15_serv_opr	BOBJ1	66	176	Before	Interior Girder 6	16	0.95	1	1	7.058493
HS15_serv_opr	BOBJ1	66	176	Before	Right Exterior Girder	16	0.95	1	1	11.049238
HS15_serv_opr	BOBJ1	67	176	After	Left Exterior Girder	16	0.95	1	1	10.940373
HS15_serv_opr	BOBJ1	67	176	After	Interior Girder 1	16	0.95	1	1	7.127644
HS15_serv_opr	BOBJ1	67	176	After	Interior Girder 2	16	0.95	1	1	7.369042
HS15_serv_opr	BOBJ1	67	176	After	Interior Girder 3	16	0.95	1	1	7.608605
HS15_serv_opr	BOBJ1	67	176	After	Interior Girder 4	16	0.95	1	1	7.605288
HS15_serv_opr	BOBJ1	67	176	After	Interior Girder 5	16	0.95	1	1	7.363282
HS15_serv_opr	BOBJ1	67	176	After	Interior Girder 6	16	0.95	1	1	7.128486
HS15_serv_opr	BOBJ1	67	176	After	Right Exterior Girder	16	0.95	1	1	10.951209
HS15_serv_opr	BOBJ1	68	181	Before	Interior Girder 1	21	0.95	1	1	5.627172
HS15_serv_opr	BOBJ1	68	181	Before	Interior Girder 2	21	0.95	1	1	5.326322
HS15_serv_opr	BOBJ1	68	181	Before	Interior Girder 3	21	0.95	1	1	5.238076
HS15_serv_opr	BOBJ1	68	181	Before	Interior Girder 4	21	0.95	1	1	5.265688
HS15_serv_opr	BOBJ1	68	181	Before	Interior Girder 5	21	0.95	1	1	5.317588
HS15_serv_opr	BOBJ1	68	181	Before	Interior Girder 6	21	0.95	1	1	5.638242
HS15_serv_opr	BOBJ1	69	181	After	Interior Girder 1	21	0.95	1	1	9.033821
HS15_serv_opr	BOBJ1	69	181	After	Interior Girder 2	21	0.95	1	1	8.477839
HS15_serv_opr	BOBJ1	69	181	After	Interior Girder 3	21	0.95	1	1	8.53202
HS15_serv_opr	BOBJ1	69	181	After	Interior Girder 4	21	0.95	1	1	8.5821
HS15_serv_opr	BOBJ1	69	181	After	Interior Girder 5	21	0.95	1	1	8.46296
HS15_serv_opr	BOBJ1	69	181	After	Interior Girder 6	21	0.95	1	1	9.051667
HS15_serv_opr	BOBJ1	70	184	Before	Left Exterior Girder	24	0.95	1	1	7.528927
HS15_serv_opr	BOBJ1	70	184	Before	Interior Girder 1	24	0.95	1	1	7.413825
HS15_serv_opr	BOBJ1	70	184	Before	Interior Girder 2	24	0.95	1	1	7.121892
HS15_serv_opr	BOBJ1	70	184	Before	Interior Girder 3	24	0.95	1	1	7.183141
HS15_serv_opr	BOBJ1	70	184	Before	Interior Girder 4	24	0.95	1	1	7.210012
HS15_serv_opr	BOBJ1	70	184	Before	Interior Girder 5	24	0.95	1	1	7.10601
HS15_serv_opr	BOBJ1	70	184	Before	Interior Girder 6	24	0.95	1	1	7.428625
HS15_serv_opr	BOBJ1	70	184	Before	Right Exterior Girder	24	0.95	1	1	7.534577
HS15_serv_opr	BOBJ1	71	184	After	Left Exterior Girder	24	0.95	1	1	7.599712
HS15_serv_opr	BOBJ1	71	184	After	Interior Girder 1	24	0.95	1	1	7.332709
HS15_serv_opr	BOBJ1	71	184	After	Interior Girder 2	24	0.95	1	1	7.141655
HS15_serv_opr	BOBJ1	71	184	After	Interior Girder 3	24	0.95	1	1	7.266836
HS15_serv_opr	BOBJ1	71	184	After	Interior Girder 4	24	0.95	1	1	7.316314
HS15_serv_opr	BOBJ1	71	184	After	Interior Girder 5	24	0.95	1	1	7.132194

TABLE: Bridge Super Rating AASHTORATE18 31 - SteelICompServ-Flx - Approach, Span 4-6										
Request	BridgeObj	BridgeCut	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	Unitless	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
HS15_serv_opr	BOBJ1	71	184	After	Interior Girder 6	24	0.95	1	1	7.346461
HS15_serv_opr	BOBJ1	71	184	After	Right Exterior Girder	24	0.95	1	1	7.605018
HS15_serv_opr	BOBJ1	72	192	Before	Left Exterior Girder	32	0.95	1	1	5.536675
HS15_serv_opr	BOBJ1	72	192	Before	Interior Girder 1	32	0.95	1	1	5.299884
HS15_serv_opr	BOBJ1	72	192	Before	Interior Girder 2	32	0.95	1	1	5.384351
HS15_serv_opr	BOBJ1	72	192	Before	Interior Girder 3	32	0.95	1	1	5.48265
HS15_serv_opr	BOBJ1	72	192	Before	Interior Girder 4	32	0.95	1	1	5.488493
HS15_serv_opr	BOBJ1	72	192	Before	Interior Girder 5	32	0.95	1	1	5.382933
HS15_serv_opr	BOBJ1	72	192	Before	Interior Girder 6	32	0.95	1	1	5.299568
HS15_serv_opr	BOBJ1	72	192	Before	Right Exterior Girder	32	0.95	1	1	5.542964
HS15_serv_opr	BOBJ1	73	192	After	Left Exterior Girder	32	0.95	1	1	5.579003
HS15_serv_opr	BOBJ1	73	192	After	Interior Girder 1	32	0.95	1	1	5.239115
HS15_serv_opr	BOBJ1	73	192	After	Interior Girder 2	32	0.95	1	1	5.3696
HS15_serv_opr	BOBJ1	73	192	After	Interior Girder 3	32	0.95	1	1	5.482831
HS15_serv_opr	BOBJ1	73	192	After	Interior Girder 4	32	0.95	1	1	5.48954
HS15_serv_opr	BOBJ1	73	192	After	Interior Girder 5	32	0.95	1	1	5.370503
HS15_serv_opr	BOBJ1	73	192	After	Interior Girder 6	32	0.95	1	1	5.23894
HS15_serv_opr	BOBJ1	73	192	After	Right Exterior Girder	32	0.95	1	1	5.584345
HS15_serv_opr	BOBJ1	74	200	Before	Left Exterior Girder	40	0.95	1	1	4.778511
HS15_serv_opr	BOBJ1	74	200	Before	Interior Girder 1	40	0.95	1	1	4.275982
HS15_serv_opr	BOBJ1	74	200	Before	Interior Girder 2	40	0.95	1	1	4.381593
HS15_serv_opr	BOBJ1	74	200	Before	Interior Girder 3	40	0.95	1	1	4.526856
HS15_serv_opr	BOBJ1	74	200	Before	Interior Girder 4	40	0.95	1	1	4.535826
HS15_serv_opr	BOBJ1	74	200	Before	Interior Girder 5	40	0.95	1	1	4.373669
HS15_serv_opr	BOBJ1	74	200	Before	Interior Girder 6	40	0.95	1	1	4.281797
HS15_serv_opr	BOBJ1	74	200	Before	Right Exterior Girder	40	0.95	1	1	4.782579
HS15_serv_opr	BOBJ1	75	200	After	Left Exterior Girder	40	0.95	1	1	4.81584
HS15_serv_opr	BOBJ1	75	200	After	Interior Girder 1	40	0.95	1	1	4.260242
HS15_serv_opr	BOBJ1	75	200	After	Interior Girder 2	40	0.95	1	1	4.396397
HS15_serv_opr	BOBJ1	75	200	After	Interior Girder 3	40	0.95	1	1	4.538834
HS15_serv_opr	BOBJ1	75	200	After	Interior Girder 4	40	0.95	1	1	4.553801
HS15_serv_opr	BOBJ1	75	200	After	Interior Girder 5	40	0.95	1	1	4.388526
HS15_serv_opr	BOBJ1	75	200	After	Interior Girder 6	40	0.95	1	1	4.265742
HS15_serv_opr	BOBJ1	75	200	After	Right Exterior Girder	40	0.95	1	1	4.819817
HS15_serv_opr	BOBJ1	76	208	Before	Left Exterior Girder	48	0.95	1	1	4.467685
HS15_serv_opr	BOBJ1	76	208	Before	Interior Girder 1	48	0.95	1	1	4.145039
HS15_serv_opr	BOBJ1	76	208	Before	Interior Girder 2	48	0.95	1	1	4.335978
HS15_serv_opr	BOBJ1	76	208	Before	Interior Girder 3	48	0.95	1	1	4.457687
HS15_serv_opr	BOBJ1	76	208	Before	Interior Girder 4	48	0.95	1	1	4.461345
HS15_serv_opr	BOBJ1	76	208	Before	Interior Girder 5	48	0.95	1	1	4.333843
HS15_serv_opr	BOBJ1	76	208	Before	Interior Girder 6	48	0.95	1	1	4.144917
HS15_serv_opr	BOBJ1	76	208	Before	Right Exterior Girder	48	0.95	1	1	4.472333
HS15_serv_opr	BOBJ1	77	208	After	Left Exterior Girder	48	0.95	1	1	4.45108
HS15_serv_opr	BOBJ1	77	208	After	Interior Girder 1	48	0.95	1	1	4.145786
HS15_serv_opr	BOBJ1	77	208	After	Interior Girder 2	48	0.95	1	1	4.338351
HS15_serv_opr	BOBJ1	77	208	After	Interior Girder 3	48	0.95	1	1	4.448502
HS15_serv_opr	BOBJ1	77	208	After	Interior Girder 4	48	0.95	1	1	4.451045
HS15_serv_opr	BOBJ1	77	208	After	Interior Girder 5	48	0.95	1	1	4.336596
HS15_serv_opr	BOBJ1	77	208	After	Interior Girder 6	48	0.95	1	1	4.145637
HS15_serv_opr	BOBJ1	77	208	After	Right Exterior Girder	48	0.95	1	1	4.455865
HS15_serv_opr	BOBJ1	78	216	Before	Left Exterior Girder	56	0.95	1	1	5.169058
HS15_serv_opr	BOBJ1	78	216	Before	Interior Girder 1	56	0.95	1	1	4.506067
HS15_serv_opr	BOBJ1	78	216	Before	Interior Girder 2	56	0.95	1	1	4.588262
HS15_serv_opr	BOBJ1	78	216	Before	Interior Girder 3	56	0.95	1	1	4.763787
HS15_serv_opr	BOBJ1	78	216	Before	Interior Girder 4	56	0.95	1	1	4.785237
HS15_serv_opr	BOBJ1	78	216	Before	Interior Girder 5	56	0.95	1	1	4.579553
HS15_serv_opr	BOBJ1	78	216	Before	Interior Girder 6	56	0.95	1	1	4.512261
HS15_serv_opr	BOBJ1	78	216	Before	Right Exterior Girder	56	0.95	1	1	5.172806
HS15_serv_opr	BOBJ1	79	216	After	Left Exterior Girder	56	0.95	1	1	5.101756
HS15_serv_opr	BOBJ1	79	216	After	Interior Girder 1	56	0.95	1	1	4.524069
HS15_serv_opr	BOBJ1	79	216	After	Interior Girder 2	56	0.95	1	1	4.579381
HS15_serv_opr	BOBJ1	79	216	After	Interior Girder 3	56	0.95	1	1	4.704113
HS15_serv_opr	BOBJ1	79	216	After	Interior Girder 4	56	0.95	1	1	4.713434
HS15_serv_opr	BOBJ1	79	216	After	Interior Girder 5	56	0.95	1	1	4.570756
HS15_serv_opr	BOBJ1	79	216	After	Interior Girder 6	56	0.95	1	1	4.531903
HS15_serv_opr	BOBJ1	79	216	After	Right Exterior Girder	56	0.95	1	1	5.106193
HS15_serv_opr	BOBJ1	80	224	Before	Left Exterior Girder	64	0.95	1	1	6.673273
HS15_serv_opr	BOBJ1	80	224	Before	Interior Girder 1	64	0.95	1	1	6.116819
HS15_serv_opr	BOBJ1	80	224	Before	Interior Girder 2	64	0.95	1	1	6.107674
HS15_serv_opr	BOBJ1	80	224	Before	Interior Girder 3	64	0.95	1	1	6.26
HS15_serv_opr	BOBJ1	80	224	Before	Interior Girder 4	64	0.95	1	1	6.266384
HS15_serv_opr	BOBJ1	80	224	Before	Interior Girder 5	64	0.95	1	1	6.112723
HS15_serv_opr	BOBJ1	80	224	Before	Interior Girder 6	64	0.95	1	1	6.116267

TABLE: Bridge Super Rating AASHTORATE18 31 - SteelICompServ-Flx - Approach, Span 4-6										
Request	BridgeObj	BridgeCut	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	Unitless	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
HS15_serv_opr	BOBJ1	80	224	Before	Right Exterior Girder	64	0.95	1	1	6.680032
HS15_serv_opr	BOBJ1	81	224	After	Left Exterior Girder	64	0.95	1	1	6.590644
HS15_serv_opr	BOBJ1	81	224	After	Interior Girder 1	64	0.95	1	1	6.224508
HS15_serv_opr	BOBJ1	81	224	After	Interior Girder 2	64	0.95	1	1	6.087194
HS15_serv_opr	BOBJ1	81	224	After	Interior Girder 3	64	0.95	1	1	6.193933
HS15_serv_opr	BOBJ1	81	224	After	Interior Girder 4	64	0.95	1	1	6.197114
HS15_serv_opr	BOBJ1	81	224	After	Interior Girder 5	64	0.95	1	1	6.085814
HS15_serv_opr	BOBJ1	81	224	After	Interior Girder 6	64	0.95	1	1	6.223918
HS15_serv_opr	BOBJ1	81	224	After	Right Exterior Girder	64	0.95	1	1	6.597964
HS15_serv_opr	BOBJ1	82	232	Before	Left Exterior Girder	72	0.95	1	1	11.996337
HS15_serv_opr	BOBJ1	82	232	Before	Interior Girder 1	72	0.95	1	1	10.824589
HS15_serv_opr	BOBJ1	82	232	Before	Interior Girder 2	72	0.95	1	1	10.288003
HS15_serv_opr	BOBJ1	82	232	Before	Interior Girder 3	72	0.95	1	1	10.392037
HS15_serv_opr	BOBJ1	82	232	Before	Interior Girder 4	72	0.95	1	1	10.485881
HS15_serv_opr	BOBJ1	82	232	Before	Interior Girder 5	72	0.95	1	1	10.303518
HS15_serv_opr	BOBJ1	82	232	Before	Interior Girder 6	72	0.95	1	1	10.849113
HS15_serv_opr	BOBJ1	82	232	Before	Right Exterior Girder	72	0.95	1	1	12.005254
HS15_serv_opr	BOBJ1	83	232	After	Left Exterior Girder	72	0.95	1	1	12.02573
HS15_serv_opr	BOBJ1	83	232	After	Interior Girder 1	72	0.95	1	1	10.771185
HS15_serv_opr	BOBJ1	83	232	After	Interior Girder 2	72	0.95	1	1	10.137634
HS15_serv_opr	BOBJ1	83	232	After	Interior Girder 3	72	0.95	1	1	9.939728
HS15_serv_opr	BOBJ1	83	232	After	Interior Girder 4	72	0.95	1	1	9.998171
HS15_serv_opr	BOBJ1	83	232	After	Interior Girder 5	72	0.95	1	1	10.124182
HS15_serv_opr	BOBJ1	83	232	After	Interior Girder 6	72	0.95	1	1	10.802928
HS15_serv_opr	BOBJ1	83	232	After	Right Exterior Girder	72	0.95	1	1	12.037883
HS15_serv_opr	BOBJ1	84	240	Before	Left Exterior Girder	80	0.95	1	1	98.969385
HS15_serv_opr	BOBJ1	84	240	Before	Interior Girder 1	80	0.95	1	1	56.72734
HS15_serv_opr	BOBJ1	84	240	Before	Interior Girder 2	80	0.95	1	1	47.345746
HS15_serv_opr	BOBJ1	84	240	Before	Interior Girder 3	80	0.95	1	1	32.644759
HS15_serv_opr	BOBJ1	84	240	Before	Interior Girder 4	80	0.95	1	1	32.865694
HS15_serv_opr	BOBJ1	84	240	Before	Interior Girder 5	80	0.95	1	1	46.796577
HS15_serv_opr	BOBJ1	84	240	Before	Interior Girder 6	80	0.95	1	1	56.736232
HS15_serv_opr	BOBJ1	84	240	Before	Right Exterior Girder	80	0.95	1	1	99.084438
HS15_serv_inv	BOBJ1	1	0	After	Left Exterior Girder	0	0.95	1	1	554.067931
HS15_serv_inv	BOBJ1	1	0	After	Interior Girder 1	0	0.95	1	1	578.619394
HS15_serv_inv	BOBJ1	1	0	After	Interior Girder 2	0	0.95	1	1	448.239551
HS15_serv_inv	BOBJ1	1	0	After	Interior Girder 3	0	0.95	1	1	286.033822
HS15_serv_inv	BOBJ1	1	0	After	Interior Girder 4	0	0.95	1	1	288.339464
HS15_serv_inv	BOBJ1	1	0	After	Interior Girder 5	0	0.95	1	1	442.260676
HS15_serv_inv	BOBJ1	1	0	After	Interior Girder 6	0	0.95	1	1	555.286584
HS15_serv_inv	BOBJ1	1	0	After	Right Exterior Girder	0	0.95	1	1	554.624799
HS15_serv_inv	BOBJ1	2	8	Before	Left Exterior Girder	8	0.95	1	1	9.190247
HS15_serv_inv	BOBJ1	2	8	Before	Interior Girder 1	8	0.95	1	1	8.480504
HS15_serv_inv	BOBJ1	2	8	Before	Interior Girder 2	8	0.95	1	1	8.027083
HS15_serv_inv	BOBJ1	2	8	Before	Interior Girder 3	8	0.95	1	1	7.464042
HS15_serv_inv	BOBJ1	2	8	Before	Interior Girder 4	8	0.95	1	1	7.506116
HS15_serv_inv	BOBJ1	2	8	Before	Interior Girder 5	8	0.95	1	1	8.00048
HS15_serv_inv	BOBJ1	2	8	Before	Interior Girder 6	8	0.95	1	1	8.512884
HS15_serv_inv	BOBJ1	2	8	Before	Right Exterior Girder	8	0.95	1	1	9.202181
HS15_serv_inv	BOBJ1	3	8	After	Left Exterior Girder	8	0.95	1	1	9.226737
HS15_serv_inv	BOBJ1	3	8	After	Interior Girder 1	8	0.95	1	1	8.455018
HS15_serv_inv	BOBJ1	3	8	After	Interior Girder 2	8	0.95	1	1	8.198407
HS15_serv_inv	BOBJ1	3	8	After	Interior Girder 3	8	0.95	1	1	7.793461
HS15_serv_inv	BOBJ1	3	8	After	Interior Girder 4	8	0.95	1	1	7.834193
HS15_serv_inv	BOBJ1	3	8	After	Interior Girder 5	8	0.95	1	1	8.173802
HS15_serv_inv	BOBJ1	3	8	After	Interior Girder 6	8	0.95	1	1	8.483919
HS15_serv_inv	BOBJ1	3	8	After	Right Exterior Girder	8	0.95	1	1	9.236814
HS15_serv_inv	BOBJ1	4	16	Before	Left Exterior Girder	16	0.95	1	1	4.924456
HS15_serv_inv	BOBJ1	4	16	Before	Interior Girder 1	16	0.95	1	1	5.213085
HS15_serv_inv	BOBJ1	4	16	Before	Interior Girder 2	16	0.95	1	1	5.008158
HS15_serv_inv	BOBJ1	4	16	Before	Interior Girder 3	16	0.95	1	1	5.003805
HS15_serv_inv	BOBJ1	4	16	Before	Interior Girder 4	16	0.95	1	1	5.001209
HS15_serv_inv	BOBJ1	4	16	Before	Interior Girder 5	16	0.95	1	1	5.007601
HS15_serv_inv	BOBJ1	4	16	Before	Interior Girder 6	16	0.95	1	1	5.21253
HS15_serv_inv	BOBJ1	4	16	Before	Right Exterior Girder	16	0.95	1	1	4.930713
HS15_serv_inv	BOBJ1	5	16	After	Left Exterior Girder	16	0.95	1	1	4.981732
HS15_serv_inv	BOBJ1	5	16	After	Interior Girder 1	16	0.95	1	1	5.14532
HS15_serv_inv	BOBJ1	5	16	After	Interior Girder 2	16	0.95	1	1	5.02943
HS15_serv_inv	BOBJ1	5	16	After	Interior Girder 3	16	0.95	1	1	5.084537
HS15_serv_inv	BOBJ1	5	16	After	Interior Girder 4	16	0.95	1	1	5.087105
HS15_serv_inv	BOBJ1	5	16	After	Interior Girder 5	16	0.95	1	1	5.032614
HS15_serv_inv	BOBJ1	5	16	After	Interior Girder 6	16	0.95	1	1	5.144913
HS15_serv_inv	BOBJ1	5	16	After	Right Exterior Girder	16	0.95	1	1	4.987659

TABLE: Bridge Super Rating AASHTORATE18 31 - SteelICompServ-Flx - Approach, Span 4-6										
Request	BridgeObj	BridgeCut	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	Unitless	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
HS15_serv_inv	BOBJ1	6	20.5	Before	Left Exterior Girder	20.5	0.95	1	1	4.291658
HS15_serv_inv	BOBJ1	6	20.5	Before	Right Exterior Girder	20.5	0.95	1	1	4.296408
HS15_serv_inv	BOBJ1	7	20.5	After	Left Exterior Girder	20.5	0.95	1	1	5.130933
HS15_serv_inv	BOBJ1	7	20.5	After	Right Exterior Girder	20.5	0.95	1	1	5.13644
HS15_serv_inv	BOBJ1	8	24	Before	Left Exterior Girder	24	0.95	1	1	4.684207
HS15_serv_inv	BOBJ1	8	24	Before	Interior Girder 1	24	0.95	1	1	3.851139
HS15_serv_inv	BOBJ1	8	24	Before	Interior Girder 2	24	0.95	1	1	3.833462
HS15_serv_inv	BOBJ1	8	24	Before	Interior Girder 3	24	0.95	1	1	3.879928
HS15_serv_inv	BOBJ1	8	24	Before	Interior Girder 4	24	0.95	1	1	3.887548
HS15_serv_inv	BOBJ1	8	24	Before	Interior Girder 5	24	0.95	1	1	3.826033
HS15_serv_inv	BOBJ1	8	24	Before	Interior Girder 6	24	0.95	1	1	3.857841
HS15_serv_inv	BOBJ1	8	24	Before	Right Exterior Girder	24	0.95	1	1	4.688199
HS15_serv_inv	BOBJ1	9	24	After	Left Exterior Girder	24	0.95	1	1	4.656004
HS15_serv_inv	BOBJ1	9	24	After	Interior Girder 1	24	0.95	1	1	3.882887
HS15_serv_inv	BOBJ1	9	24	After	Interior Girder 2	24	0.95	1	1	3.841217
HS15_serv_inv	BOBJ1	9	24	After	Interior Girder 3	24	0.95	1	1	3.917824
HS15_serv_inv	BOBJ1	9	24	After	Interior Girder 4	24	0.95	1	1	3.932194
HS15_serv_inv	BOBJ1	9	24	After	Interior Girder 5	24	0.95	1	1	3.83355
HS15_serv_inv	BOBJ1	9	24	After	Interior Girder 6	24	0.95	1	1	3.889351
HS15_serv_inv	BOBJ1	9	24	After	Right Exterior Girder	24	0.95	1	1	4.659793
HS15_serv_inv	BOBJ1	10	32	Before	Left Exterior Girder	32	0.95	1	1	4.084804
HS15_serv_inv	BOBJ1	10	32	Before	Interior Girder 1	32	0.95	1	1	3.654543
HS15_serv_inv	BOBJ1	10	32	Before	Interior Girder 2	32	0.95	1	1	3.664262
HS15_serv_inv	BOBJ1	10	32	Before	Interior Girder 3	32	0.95	1	1	3.717422
HS15_serv_inv	BOBJ1	10	32	Before	Interior Girder 4	32	0.95	1	1	3.719066
HS15_serv_inv	BOBJ1	10	32	Before	Interior Girder 5	32	0.95	1	1	3.663083
HS15_serv_inv	BOBJ1	10	32	Before	Interior Girder 6	32	0.95	1	1	3.654293
HS15_serv_inv	BOBJ1	10	32	Before	Right Exterior Girder	32	0.95	1	1	4.089322
HS15_serv_inv	BOBJ1	11	32	After	Left Exterior Girder	32	0.95	1	1	4.094267
HS15_serv_inv	BOBJ1	11	32	After	Interior Girder 1	32	0.95	1	1	3.656944
HS15_serv_inv	BOBJ1	11	32	After	Interior Girder 2	32	0.95	1	1	3.659471
HS15_serv_inv	BOBJ1	11	32	After	Interior Girder 3	32	0.95	1	1	3.720492
HS15_serv_inv	BOBJ1	11	32	After	Interior Girder 4	32	0.95	1	1	3.723079
HS15_serv_inv	BOBJ1	11	32	After	Interior Girder 5	32	0.95	1	1	3.65908
HS15_serv_inv	BOBJ1	11	32	After	Interior Girder 6	32	0.95	1	1	3.656731
HS15_serv_inv	BOBJ1	11	32	After	Right Exterior Girder	32	0.95	1	1	4.098689
HS15_serv_inv	BOBJ1	12	40	Before	Left Exterior Girder	40	0.95	1	1	4.325687
HS15_serv_inv	BOBJ1	12	40	Before	Interior Girder 1	40	0.95	1	1	3.698396
HS15_serv_inv	BOBJ1	12	40	Before	Interior Girder 2	40	0.95	1	1	3.711407
HS15_serv_inv	BOBJ1	12	40	Before	Interior Girder 3	40	0.95	1	1	3.798974
HS15_serv_inv	BOBJ1	12	40	Before	Interior Girder 4	40	0.95	1	1	3.811122
HS15_serv_inv	BOBJ1	12	40	Before	Interior Girder 5	40	0.95	1	1	3.705969
HS15_serv_inv	BOBJ1	12	40	Before	Interior Girder 6	40	0.95	1	1	3.703162
HS15_serv_inv	BOBJ1	12	40	Before	Right Exterior Girder	40	0.95	1	1	4.329394
HS15_serv_inv	BOBJ1	13	40	After	Left Exterior Girder	40	0.95	1	1	4.334674
HS15_serv_inv	BOBJ1	13	40	After	Interior Girder 1	40	0.95	1	1	3.701817
HS15_serv_inv	BOBJ1	13	40	After	Interior Girder 2	40	0.95	1	1	3.689257
HS15_serv_inv	BOBJ1	13	40	After	Interior Girder 3	40	0.95	1	1	3.778659
HS15_serv_inv	BOBJ1	13	40	After	Interior Girder 4	40	0.95	1	1	3.786187
HS15_serv_inv	BOBJ1	13	40	After	Interior Girder 5	40	0.95	1	1	3.682702
HS15_serv_inv	BOBJ1	13	40	After	Interior Girder 6	40	0.95	1	1	3.706867
HS15_serv_inv	BOBJ1	13	40	After	Right Exterior Girder	40	0.95	1	1	4.338489
HS15_serv_inv	BOBJ1	14	46.5	Before	Left Exterior Girder	46.5	0.95	1	1	4.692542
HS15_serv_inv	BOBJ1	14	46.5	Before	Right Exterior Girder	46.5	0.95	1	1	4.696975
HS15_serv_inv	BOBJ1	15	46.5	After	Left Exterior Girder	46.5	0.95	1	1	4.039134
HS15_serv_inv	BOBJ1	15	46.5	After	Right Exterior Girder	46.5	0.95	1	1	4.043145
HS15_serv_inv	BOBJ1	16	48	Before	Left Exterior Girder	48	0.95	1	1	4.146042
HS15_serv_inv	BOBJ1	16	48	Before	Interior Girder 1	48	0.95	1	1	4.458167
HS15_serv_inv	BOBJ1	16	48	Before	Interior Girder 2	48	0.95	1	1	4.50832
HS15_serv_inv	BOBJ1	16	48	Before	Interior Girder 3	48	0.95	1	1	4.56639
HS15_serv_inv	BOBJ1	16	48	Before	Interior Girder 4	48	0.95	1	1	4.571948
HS15_serv_inv	BOBJ1	16	48	Before	Interior Girder 5	48	0.95	1	1	4.511326
HS15_serv_inv	BOBJ1	16	48	Before	Interior Girder 6	48	0.95	1	1	4.45787
HS15_serv_inv	BOBJ1	16	48	Before	Right Exterior Girder	48	0.95	1	1	4.150227
HS15_serv_inv	BOBJ1	17	48	After	Left Exterior Girder	48	0.95	1	1	4.123895
HS15_serv_inv	BOBJ1	17	48	After	Interior Girder 1	48	0.95	1	1	4.509349
HS15_serv_inv	BOBJ1	17	48	After	Interior Girder 2	48	0.95	1	1	4.508823
HS15_serv_inv	BOBJ1	17	48	After	Interior Girder 3	48	0.95	1	1	4.555243
HS15_serv_inv	BOBJ1	17	48	After	Interior Girder 4	48	0.95	1	1	4.559503
HS15_serv_inv	BOBJ1	17	48	After	Interior Girder 5	48	0.95	1	1	4.507537
HS15_serv_inv	BOBJ1	17	48	After	Interior Girder 6	48	0.95	1	1	4.509018
HS15_serv_inv	BOBJ1	17	48	After	Right Exterior Girder	48	0.95	1	1	4.128651
HS15_serv_inv	BOBJ1	18	56	Before	Left Exterior Girder	56	0.95	1	1	5.66801

TABLE: Bridge Super Rating AASHTORATE18 31 - SteelICompServ-Flx - Approach, Span 4-6										
Request	BridgeObj	BridgeCut	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	Unitless	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
HS15_serv_inv	BOBJ1	18	56	Before	Interior Girder 1	56	0.95	1	1	6.076622
HS15_serv_inv	BOBJ1	18	56	Before	Interior Girder 2	56	0.95	1	1	5.919348
HS15_serv_inv	BOBJ1	18	56	Before	Interior Girder 3	56	0.95	1	1	5.996202
HS15_serv_inv	BOBJ1	18	56	Before	Interior Girder 4	56	0.95	1	1	6.03567
HS15_serv_inv	BOBJ1	18	56	Before	Interior Girder 5	56	0.95	1	1	5.912226
HS15_serv_inv	BOBJ1	18	56	Before	Interior Girder 6	56	0.95	1	1	6.088082
HS15_serv_inv	BOBJ1	18	56	Before	Right Exterior Girder	56	0.95	1	1	5.672131
HS15_serv_inv	BOBJ1	19	56	After	Left Exterior Girder	56	0.95	1	1	5.619732
HS15_serv_inv	BOBJ1	19	56	After	Interior Girder 1	56	0.95	1	1	6.154366
HS15_serv_inv	BOBJ1	19	56	After	Interior Girder 2	56	0.95	1	1	5.89346
HS15_serv_inv	BOBJ1	19	56	After	Interior Girder 3	56	0.95	1	1	5.916701
HS15_serv_inv	BOBJ1	19	56	After	Interior Girder 4	56	0.95	1	1	5.93624
HS15_serv_inv	BOBJ1	19	56	After	Interior Girder 5	56	0.95	1	1	5.880506
HS15_serv_inv	BOBJ1	19	56	After	Interior Girder 6	56	0.95	1	1	6.166689
HS15_serv_inv	BOBJ1	19	56	After	Right Exterior Girder	56	0.95	1	1	5.624144
HS15_serv_inv	BOBJ1	20	59	Before	Interior Girder 1	59	0.95	1	1	7.42225
HS15_serv_inv	BOBJ1	20	59	Before	Interior Girder 2	59	0.95	1	1	6.988761
HS15_serv_inv	BOBJ1	20	59	Before	Interior Girder 3	59	0.95	1	1	7.016264
HS15_serv_inv	BOBJ1	20	59	Before	Interior Girder 4	59	0.95	1	1	7.05638
HS15_serv_inv	BOBJ1	20	59	Before	Interior Girder 5	59	0.95	1	1	6.976747
HS15_serv_inv	BOBJ1	20	59	Before	Interior Girder 6	59	0.95	1	1	7.436896
HS15_serv_inv	BOBJ1	21	59	After	Interior Girder 1	59	0.95	1	1	4.25312
HS15_serv_inv	BOBJ1	21	59	After	Interior Girder 2	59	0.95	1	1	4.043732
HS15_serv_inv	BOBJ1	21	59	After	Interior Girder 3	59	0.95	1	1	3.958788
HS15_serv_inv	BOBJ1	21	59	After	Interior Girder 4	59	0.95	1	1	3.978828
HS15_serv_inv	BOBJ1	21	59	After	Interior Girder 5	59	0.95	1	1	4.037122
HS15_serv_inv	BOBJ1	21	59	After	Interior Girder 6	59	0.95	1	1	4.261504
HS15_serv_inv	BOBJ1	22	64	Before	Left Exterior Girder	64	0.95	1	1	8.438819
HS15_serv_inv	BOBJ1	22	64	Before	Interior Girder 1	64	0.95	1	1	5.295126
HS15_serv_inv	BOBJ1	22	64	Before	Interior Girder 2	64	0.95	1	1	5.453341
HS15_serv_inv	BOBJ1	22	64	Before	Interior Girder 3	64	0.95	1	1	5.626414
HS15_serv_inv	BOBJ1	22	64	Before	Interior Girder 4	64	0.95	1	1	5.623873
HS15_serv_inv	BOBJ1	22	64	Before	Interior Girder 5	64	0.95	1	1	5.449844
HS15_serv_inv	BOBJ1	22	64	Before	Interior Girder 6	64	0.95	1	1	5.295763
HS15_serv_inv	BOBJ1	22	64	Before	Right Exterior Girder	64	0.95	1	1	8.445973
HS15_serv_inv	BOBJ1	23	64	After	Left Exterior Girder	64	0.95	1	1	8.489229
HS15_serv_inv	BOBJ1	23	64	After	Interior Girder 1	64	0.95	1	1	5.258654
HS15_serv_inv	BOBJ1	23	64	After	Interior Girder 2	64	0.95	1	1	5.425617
HS15_serv_inv	BOBJ1	23	64	After	Interior Girder 3	64	0.95	1	1	5.623444
HS15_serv_inv	BOBJ1	23	64	After	Interior Girder 4	64	0.95	1	1	5.620627
HS15_serv_inv	BOBJ1	23	64	After	Interior Girder 5	64	0.95	1	1	5.422582
HS15_serv_inv	BOBJ1	23	64	After	Interior Girder 6	64	0.95	1	1	5.259128
HS15_serv_inv	BOBJ1	23	64	After	Right Exterior Girder	64	0.95	1	1	8.497049
HS15_serv_inv	BOBJ1	24	69	Before	Interior Girder 1	69	0.95	1	1	4.066118
HS15_serv_inv	BOBJ1	24	69	Before	Interior Girder 2	69	0.95	1	1	4.163028
HS15_serv_inv	BOBJ1	24	69	Before	Interior Girder 3	69	0.95	1	1	4.077729
HS15_serv_inv	BOBJ1	24	69	Before	Interior Girder 4	69	0.95	1	1	4.075726
HS15_serv_inv	BOBJ1	24	69	Before	Interior Girder 5	69	0.95	1	1	4.159804
HS15_serv_inv	BOBJ1	24	69	Before	Interior Girder 6	69	0.95	1	1	4.067168
HS15_serv_inv	BOBJ1	25	69	After	Interior Girder 1	69	0.95	1	1	8.551016
HS15_serv_inv	BOBJ1	25	69	After	Interior Girder 2	69	0.95	1	1	8.666557
HS15_serv_inv	BOBJ1	25	69	After	Interior Girder 3	69	0.95	1	1	8.558352
HS15_serv_inv	BOBJ1	25	69	After	Interior Girder 4	69	0.95	1	1	8.553793
HS15_serv_inv	BOBJ1	25	69	After	Interior Girder 5	69	0.95	1	1	8.660217
HS15_serv_inv	BOBJ1	25	69	After	Interior Girder 6	69	0.95	1	1	8.552816
HS15_serv_inv	BOBJ1	26	72	Before	Left Exterior Girder	72	0.95	1	1	6.247978
HS15_serv_inv	BOBJ1	26	72	Before	Interior Girder 1	72	0.95	1	1	7.670151
HS15_serv_inv	BOBJ1	26	72	Before	Interior Girder 2	72	0.95	1	1	7.717156
HS15_serv_inv	BOBJ1	26	72	Before	Interior Girder 3	72	0.95	1	1	7.416979
HS15_serv_inv	BOBJ1	26	72	Before	Interior Girder 4	72	0.95	1	1	7.413205
HS15_serv_inv	BOBJ1	26	72	Before	Interior Girder 5	72	0.95	1	1	7.710591
HS15_serv_inv	BOBJ1	26	72	Before	Interior Girder 6	72	0.95	1	1	7.672587
HS15_serv_inv	BOBJ1	26	72	Before	Right Exterior Girder	72	0.95	1	1	6.254032
HS15_serv_inv	BOBJ1	27	72	After	Left Exterior Girder	72	0.95	1	1	6.275194
HS15_serv_inv	BOBJ1	27	72	After	Interior Girder 1	72	0.95	1	1	7.587187
HS15_serv_inv	BOBJ1	27	72	After	Interior Girder 2	72	0.95	1	1	7.63009
HS15_serv_inv	BOBJ1	27	72	After	Interior Girder 3	72	0.95	1	1	7.358048
HS15_serv_inv	BOBJ1	27	72	After	Interior Girder 4	72	0.95	1	1	7.354625
HS15_serv_inv	BOBJ1	27	72	After	Interior Girder 5	72	0.95	1	1	7.623329
HS15_serv_inv	BOBJ1	27	72	After	Interior Girder 6	72	0.95	1	1	7.589684
HS15_serv_inv	BOBJ1	27	72	After	Right Exterior Girder	72	0.95	1	1	6.281393
HS15_serv_inv	BOBJ1	28	72.5	Before	Left Exterior Girder	72.5	0.95	1	1	6.093239
HS15_serv_inv	BOBJ1	28	72.5	Before	Right Exterior Girder	72.5	0.95	1	1	6.099387

TABLE: Bridge Super Rating AASHTORATE18 31 - SteelICompServ-Flx - Approach, Span 4-6										
Request	BridgeObj	BridgeCut	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	Unitless	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
HS15_serv_inv	BOBJ1	29	72.5	After	Left Exterior Girder	72.5	0.95	1	1	9.055637
HS15_serv_inv	BOBJ1	29	72.5	After	Right Exterior Girder	72.5	0.95	1	1	9.064913
HS15_serv_inv	BOBJ1	30	80	Before	Left Exterior Girder	80	0.95	1	1	6.649572
HS15_serv_inv	BOBJ1	30	80	Before	Interior Girder 1	80	0.95	1	1	5.369185
HS15_serv_inv	BOBJ1	30	80	Before	Interior Girder 2	80	0.95	1	1	5.066094
HS15_serv_inv	BOBJ1	30	80	Before	Interior Girder 3	80	0.95	1	1	4.290295
HS15_serv_inv	BOBJ1	30	80	Before	Interior Girder 4	80	0.95	1	1	4.296901
HS15_serv_inv	BOBJ1	30	80	Before	Interior Girder 5	80	0.95	1	1	5.055566
HS15_serv_inv	BOBJ1	30	80	Before	Interior Girder 6	80	0.95	1	1	5.373516
HS15_serv_inv	BOBJ1	30	80	Before	Right Exterior Girder	80	0.95	1	1	6.656968
HS15_serv_inv	BOBJ1	31	80	After	Left Exterior Girder	0	0.95	1	1	6.417399
HS15_serv_inv	BOBJ1	31	80	After	Interior Girder 1	0	0.95	1	1	5.217642
HS15_serv_inv	BOBJ1	31	80	After	Interior Girder 2	0	0.95	1	1	5.022435
HS15_serv_inv	BOBJ1	31	80	After	Interior Girder 3	0	0.95	1	1	4.242027
HS15_serv_inv	BOBJ1	31	80	After	Interior Girder 4	0	0.95	1	1	4.250058
HS15_serv_inv	BOBJ1	31	80	After	Interior Girder 5	0	0.95	1	1	5.006226
HS15_serv_inv	BOBJ1	31	80	After	Interior Girder 6	0	0.95	1	1	5.225736
HS15_serv_inv	BOBJ1	31	80	After	Right Exterior Girder	0	0.95	1	1	6.425513
HS15_serv_inv	BOBJ1	32	87.5	Before	Left Exterior Girder	7.5	0.95	1	1	9.677843
HS15_serv_inv	BOBJ1	32	87.5	Before	Right Exterior Girder	7.5	0.95	1	1	9.687128
HS15_serv_inv	BOBJ1	33	87.5	After	Left Exterior Girder	7.5	0.95	1	1	6.434953
HS15_serv_inv	BOBJ1	33	87.5	After	Right Exterior Girder	7.5	0.95	1	1	6.440991
HS15_serv_inv	BOBJ1	34	88	Before	Left Exterior Girder	8	0.95	1	1	6.597693
HS15_serv_inv	BOBJ1	34	88	Before	Interior Girder 1	8	0.95	1	1	7.526311
HS15_serv_inv	BOBJ1	34	88	Before	Interior Girder 2	8	0.95	1	1	7.496298
HS15_serv_inv	BOBJ1	34	88	Before	Interior Girder 3	8	0.95	1	1	7.157738
HS15_serv_inv	BOBJ1	34	88	Before	Interior Girder 4	8	0.95	1	1	7.153456
HS15_serv_inv	BOBJ1	34	88	Before	Interior Girder 5	8	0.95	1	1	7.487852
HS15_serv_inv	BOBJ1	34	88	Before	Interior Girder 6	8	0.95	1	1	7.528747
HS15_serv_inv	BOBJ1	34	88	Before	Right Exterior Girder	8	0.95	1	1	6.604176
HS15_serv_inv	BOBJ1	35	88	After	Left Exterior Girder	8	0.95	1	1	6.63924
HS15_serv_inv	BOBJ1	35	88	After	Interior Girder 1	8	0.95	1	1	7.543407
HS15_serv_inv	BOBJ1	35	88	After	Interior Girder 2	8	0.95	1	1	7.576496
HS15_serv_inv	BOBJ1	35	88	After	Interior Girder 3	8	0.95	1	1	7.205312
HS15_serv_inv	BOBJ1	35	88	After	Interior Girder 4	8	0.95	1	1	7.201714
HS15_serv_inv	BOBJ1	35	88	After	Interior Girder 5	8	0.95	1	1	7.568219
HS15_serv_inv	BOBJ1	35	88	After	Interior Girder 6	8	0.95	1	1	7.545709
HS15_serv_inv	BOBJ1	35	88	After	Right Exterior Girder	8	0.95	1	1	6.645551
HS15_serv_inv	BOBJ1	36	91	Before	Interior Girder 1	11	0.95	1	1	8.322692
HS15_serv_inv	BOBJ1	36	91	Before	Interior Girder 2	11	0.95	1	1	8.481949
HS15_serv_inv	BOBJ1	36	91	Before	Interior Girder 3	11	0.95	1	1	8.309672
HS15_serv_inv	BOBJ1	36	91	Before	Interior Girder 4	11	0.95	1	1	8.305419
HS15_serv_inv	BOBJ1	36	91	Before	Interior Girder 5	11	0.95	1	1	8.474035
HS15_serv_inv	BOBJ1	36	91	Before	Interior Girder 6	11	0.95	1	1	8.32438
HS15_serv_inv	BOBJ1	37	91	After	Interior Girder 1	11	0.95	1	1	3.679203
HS15_serv_inv	BOBJ1	37	91	After	Interior Girder 2	11	0.95	1	1	3.801541
HS15_serv_inv	BOBJ1	37	91	After	Interior Girder 3	11	0.95	1	1	3.694388
HS15_serv_inv	BOBJ1	37	91	After	Interior Girder 4	11	0.95	1	1	3.692665
HS15_serv_inv	BOBJ1	37	91	After	Interior Girder 5	11	0.95	1	1	3.797834
HS15_serv_inv	BOBJ1	37	91	After	Interior Girder 6	11	0.95	1	1	3.680094
HS15_serv_inv	BOBJ1	38	96	Before	Left Exterior Girder	16	0.95	1	1	9.253657
HS15_serv_inv	BOBJ1	38	96	Before	Interior Girder 1	16	0.95	1	1	4.671492
HS15_serv_inv	BOBJ1	38	96	Before	Interior Girder 2	16	0.95	1	1	4.902693
HS15_serv_inv	BOBJ1	38	96	Before	Interior Girder 3	16	0.95	1	1	5.094783
HS15_serv_inv	BOBJ1	38	96	Before	Interior Girder 4	16	0.95	1	1	5.092479
HS15_serv_inv	BOBJ1	38	96	Before	Interior Girder 5	16	0.95	1	1	4.899362
HS15_serv_inv	BOBJ1	38	96	Before	Interior Girder 6	16	0.95	1	1	4.671853
HS15_serv_inv	BOBJ1	38	96	Before	Right Exterior Girder	16	0.95	1	1	9.260556
HS15_serv_inv	BOBJ1	39	96	After	Left Exterior Girder	16	0.95	1	1	4.374191
HS15_serv_inv	BOBJ1	39	96	After	Interior Girder 1	16	0.95	1	1	4.724344
HS15_serv_inv	BOBJ1	39	96	After	Interior Girder 2	16	0.95	1	1	4.914588
HS15_serv_inv	BOBJ1	39	96	After	Interior Girder 3	16	0.95	1	1	5.072285
HS15_serv_inv	BOBJ1	39	96	After	Interior Girder 4	16	0.95	1	1	5.070203
HS15_serv_inv	BOBJ1	39	96	After	Interior Girder 5	16	0.95	1	1	4.91094
HS15_serv_inv	BOBJ1	39	96	After	Interior Girder 6	16	0.95	1	1	4.724898
HS15_serv_inv	BOBJ1	39	96	After	Right Exterior Girder	16	0.95	1	1	4.377611
HS15_serv_inv	BOBJ1	40	104	Before	Left Exterior Girder	24	0.95	1	1	5.926133
HS15_serv_inv	BOBJ1	40	104	Before	Interior Girder 1	24	0.95	1	1	5.100777
HS15_serv_inv	BOBJ1	40	104	Before	Interior Girder 2	24	0.95	1	1	4.874574
HS15_serv_inv	BOBJ1	40	104	Before	Interior Girder 3	24	0.95	1	1	4.807842
HS15_serv_inv	BOBJ1	40	104	Before	Interior Girder 4	24	0.95	1	1	4.838833
HS15_serv_inv	BOBJ1	40	104	Before	Interior Girder 5	24	0.95	1	1	4.867984
HS15_serv_inv	BOBJ1	40	104	Before	Interior Girder 6	24	0.95	1	1	5.113213

TABLE: Bridge Super Rating AASHTORATE18 31 - SteelICompServ-Flx - Approach, Span 4-6										
Request	BridgeObj	BridgeCut	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	Unitless	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
HS15_serv_inv	BOBJ1	40	104	Before	Right Exterior Girder	24	0.95	1	1	5.932055
HS15_serv_inv	BOBJ1	41	104	After	Left Exterior Girder	24	0.95	1	1	6.076714
HS15_serv_inv	BOBJ1	41	104	After	Interior Girder 1	24	0.95	1	1	5.025512
HS15_serv_inv	BOBJ1	41	104	After	Interior Girder 2	24	0.95	1	1	4.87189
HS15_serv_inv	BOBJ1	41	104	After	Interior Girder 3	24	0.95	1	1	4.877427
HS15_serv_inv	BOBJ1	41	104	After	Interior Girder 4	24	0.95	1	1	4.916363
HS15_serv_inv	BOBJ1	41	104	After	Interior Girder 5	24	0.95	1	1	4.871727
HS15_serv_inv	BOBJ1	41	104	After	Interior Girder 6	24	0.95	1	1	5.036943
HS15_serv_inv	BOBJ1	41	104	After	Right Exterior Girder	24	0.95	1	1	6.081229
HS15_serv_inv	BOBJ1	42	112	Before	Left Exterior Girder	32	0.95	1	1	3.963865
HS15_serv_inv	BOBJ1	42	112	Before	Interior Girder 1	32	0.95	1	1	3.984327
HS15_serv_inv	BOBJ1	42	112	Before	Interior Girder 2	32	0.95	1	1	3.969292
HS15_serv_inv	BOBJ1	42	112	Before	Interior Girder 3	32	0.95	1	1	3.99944
HS15_serv_inv	BOBJ1	42	112	Before	Interior Girder 4	32	0.95	1	1	4.004049
HS15_serv_inv	BOBJ1	42	112	Before	Interior Girder 5	32	0.95	1	1	3.973497
HS15_serv_inv	BOBJ1	42	112	Before	Interior Girder 6	32	0.95	1	1	3.983687
HS15_serv_inv	BOBJ1	42	112	Before	Right Exterior Girder	32	0.95	1	1	3.968734
HS15_serv_inv	BOBJ1	43	112	After	Left Exterior Girder	32	0.95	1	1	4.022265
HS15_serv_inv	BOBJ1	43	112	After	Interior Girder 1	32	0.95	1	1	3.946803
HS15_serv_inv	BOBJ1	43	112	After	Interior Girder 2	32	0.95	1	1	3.957874
HS15_serv_inv	BOBJ1	43	112	After	Interior Girder 3	32	0.95	1	1	4.00775
HS15_serv_inv	BOBJ1	43	112	After	Interior Girder 4	32	0.95	1	1	4.011339
HS15_serv_inv	BOBJ1	43	112	After	Interior Girder 5	32	0.95	1	1	3.964024
HS15_serv_inv	BOBJ1	43	112	After	Interior Girder 6	32	0.95	1	1	3.946256
HS15_serv_inv	BOBJ1	43	112	After	Right Exterior Girder	32	0.95	1	1	4.026996
HS15_serv_inv	BOBJ1	44	120	Before	Left Exterior Girder	40	0.95	1	1	3.752325
HS15_serv_inv	BOBJ1	44	120	Before	Interior Girder 1	40	0.95	1	1	3.528706
HS15_serv_inv	BOBJ1	44	120	Before	Interior Girder 2	40	0.95	1	1	3.513142
HS15_serv_inv	BOBJ1	44	120	Before	Interior Girder 3	40	0.95	1	1	3.562392
HS15_serv_inv	BOBJ1	44	120	Before	Interior Girder 4	40	0.95	1	1	3.579363
HS15_serv_inv	BOBJ1	44	120	Before	Interior Girder 5	40	0.95	1	1	3.506956
HS15_serv_inv	BOBJ1	44	120	Before	Interior Girder 6	40	0.95	1	1	3.535498
HS15_serv_inv	BOBJ1	44	120	Before	Right Exterior Girder	40	0.95	1	1	3.755676
HS15_serv_inv	BOBJ1	45	120	After	Left Exterior Girder	40	0.95	1	1	3.757927
HS15_serv_inv	BOBJ1	45	120	After	Interior Girder 1	40	0.95	1	1	3.525641
HS15_serv_inv	BOBJ1	45	120	After	Interior Girder 2	40	0.95	1	1	3.512513
HS15_serv_inv	BOBJ1	45	120	After	Interior Girder 3	40	0.95	1	1	3.562857
HS15_serv_inv	BOBJ1	45	120	After	Interior Girder 4	40	0.95	1	1	3.579195
HS15_serv_inv	BOBJ1	45	120	After	Interior Girder 5	40	0.95	1	1	3.506211
HS15_serv_inv	BOBJ1	45	120	After	Interior Girder 6	40	0.95	1	1	3.53245
HS15_serv_inv	BOBJ1	45	120	After	Right Exterior Girder	40	0.95	1	1	3.761291
HS15_serv_inv	BOBJ1	46	128	Before	Left Exterior Girder	48	0.95	1	1	3.957355
HS15_serv_inv	BOBJ1	46	128	Before	Interior Girder 1	48	0.95	1	1	3.916061
HS15_serv_inv	BOBJ1	46	128	Before	Interior Girder 2	48	0.95	1	1	3.931455
HS15_serv_inv	BOBJ1	46	128	Before	Interior Girder 3	48	0.95	1	1	3.98335
HS15_serv_inv	BOBJ1	46	128	Before	Interior Girder 4	48	0.95	1	1	3.986925
HS15_serv_inv	BOBJ1	46	128	Before	Interior Girder 5	48	0.95	1	1	3.937395
HS15_serv_inv	BOBJ1	46	128	Before	Interior Girder 6	48	0.95	1	1	3.915524
HS15_serv_inv	BOBJ1	46	128	Before	Right Exterior Girder	48	0.95	1	1	3.961998
HS15_serv_inv	BOBJ1	47	128	After	Left Exterior Girder	48	0.95	1	1	3.908693
HS15_serv_inv	BOBJ1	47	128	After	Interior Girder 1	48	0.95	1	1	3.944804
HS15_serv_inv	BOBJ1	47	128	After	Interior Girder 2	48	0.95	1	1	3.94227
HS15_serv_inv	BOBJ1	47	128	After	Interior Girder 3	48	0.95	1	1	3.97662
HS15_serv_inv	BOBJ1	47	128	After	Interior Girder 4	48	0.95	1	1	3.981029
HS15_serv_inv	BOBJ1	47	128	After	Interior Girder 5	48	0.95	1	1	3.946203
HS15_serv_inv	BOBJ1	47	128	After	Interior Girder 6	48	0.95	1	1	3.944188
HS15_serv_inv	BOBJ1	47	128	After	Right Exterior Girder	48	0.95	1	1	3.913471
HS15_serv_inv	BOBJ1	48	136	Before	Left Exterior Girder	56	0.95	1	1	5.856506
HS15_serv_inv	BOBJ1	48	136	Before	Interior Girder 1	56	0.95	1	1	4.942532
HS15_serv_inv	BOBJ1	48	136	Before	Interior Girder 2	56	0.95	1	1	4.809679
HS15_serv_inv	BOBJ1	48	136	Before	Interior Girder 3	56	0.95	1	1	4.822095
HS15_serv_inv	BOBJ1	48	136	Before	Interior Girder 4	56	0.95	1	1	4.860124
HS15_serv_inv	BOBJ1	48	136	Before	Interior Girder 5	56	0.95	1	1	4.809112
HS15_serv_inv	BOBJ1	48	136	Before	Interior Girder 6	56	0.95	1	1	4.953563
HS15_serv_inv	BOBJ1	48	136	Before	Right Exterior Girder	56	0.95	1	1	5.860914
HS15_serv_inv	BOBJ1	49	136	After	Left Exterior Girder	56	0.95	1	1	5.722717
HS15_serv_inv	BOBJ1	49	136	After	Interior Girder 1	56	0.95	1	1	5.008695
HS15_serv_inv	BOBJ1	49	136	After	Interior Girder 2	56	0.95	1	1	4.812997
HS15_serv_inv	BOBJ1	49	136	After	Interior Girder 3	56	0.95	1	1	4.757602
HS15_serv_inv	BOBJ1	49	136	After	Interior Girder 4	56	0.95	1	1	4.786885
HS15_serv_inv	BOBJ1	49	136	After	Interior Girder 5	56	0.95	1	1	4.805855
HS15_serv_inv	BOBJ1	49	136	After	Interior Girder 6	56	0.95	1	1	5.020671
HS15_serv_inv	BOBJ1	49	136	After	Right Exterior Girder	56	0.95	1	1	5.728412

TABLE: Bridge Super Rating AASHTORATE18 31 - SteelICompServ-Flx - Approach, Span 4-6										
Request	BridgeObj	BridgeCut	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	Unitless	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
HS15_serv_inv	BOBJ1	50	144	Before	Left Exterior Girder	64	0.95	1	1	4.318427
HS15_serv_inv	BOBJ1	50	144	Before	Interior Girder 1	64	0.95	1	1	4.639109
HS15_serv_inv	BOBJ1	50	144	Before	Interior Girder 2	64	0.95	1	1	4.865072
HS15_serv_inv	BOBJ1	50	144	Before	Interior Girder 3	64	0.95	1	1	5.0669
HS15_serv_inv	BOBJ1	50	144	Before	Interior Girder 4	64	0.95	1	1	5.064953
HS15_serv_inv	BOBJ1	50	144	Before	Interior Girder 5	64	0.95	1	1	4.861712
HS15_serv_inv	BOBJ1	50	144	Before	Interior Girder 6	64	0.95	1	1	4.639662
HS15_serv_inv	BOBJ1	50	144	Before	Right Exterior Girder	64	0.95	1	1	4.321652
HS15_serv_inv	BOBJ1	51	144	After	Left Exterior Girder	64	0.95	1	1	8.443464
HS15_serv_inv	BOBJ1	51	144	After	Interior Girder 1	64	0.95	1	1	4.57575
HS15_serv_inv	BOBJ1	51	144	After	Interior Girder 2	64	0.95	1	1	4.850533
HS15_serv_inv	BOBJ1	51	144	After	Interior Girder 3	64	0.95	1	1	5.085377
HS15_serv_inv	BOBJ1	51	144	After	Interior Girder 4	64	0.95	1	1	5.083193
HS15_serv_inv	BOBJ1	51	144	After	Interior Girder 5	64	0.95	1	1	4.847471
HS15_serv_inv	BOBJ1	51	144	After	Interior Girder 6	64	0.95	1	1	4.576143
HS15_serv_inv	BOBJ1	51	144	After	Right Exterior Girder	64	0.95	1	1	8.449483
HS15_serv_inv	BOBJ1	52	150	Before	Interior Girder 1	70	0.95	1	1	3.413921
HS15_serv_inv	BOBJ1	52	150	Before	Interior Girder 2	70	0.95	1	1	3.560297
HS15_serv_inv	BOBJ1	52	150	Before	Interior Girder 3	70	0.95	1	1	3.467947
HS15_serv_inv	BOBJ1	52	150	Before	Interior Girder 4	70	0.95	1	1	3.466352
HS15_serv_inv	BOBJ1	52	150	Before	Interior Girder 5	70	0.95	1	1	3.556878
HS15_serv_inv	BOBJ1	52	150	Before	Interior Girder 6	70	0.95	1	1	3.414795
HS15_serv_inv	BOBJ1	53	150	After	Interior Girder 1	70	0.95	1	1	7.392242
HS15_serv_inv	BOBJ1	53	150	After	Interior Girder 2	70	0.95	1	1	7.573969
HS15_serv_inv	BOBJ1	53	150	After	Interior Girder 3	70	0.95	1	1	7.439727
HS15_serv_inv	BOBJ1	53	150	After	Interior Girder 4	70	0.95	1	1	7.435974
HS15_serv_inv	BOBJ1	53	150	After	Interior Girder 5	70	0.95	1	1	7.566998
HS15_serv_inv	BOBJ1	53	150	After	Interior Girder 6	70	0.95	1	1	7.393823
HS15_serv_inv	BOBJ1	54	152	Before	Left Exterior Girder	72	0.95	1	1	5.963318
HS15_serv_inv	BOBJ1	54	152	Before	Interior Girder 1	72	0.95	1	1	6.879945
HS15_serv_inv	BOBJ1	54	152	Before	Interior Girder 2	72	0.95	1	1	7.010413
HS15_serv_inv	BOBJ1	54	152	Before	Interior Girder 3	72	0.95	1	1	6.753537
HS15_serv_inv	BOBJ1	54	152	Before	Interior Girder 4	72	0.95	1	1	6.750224
HS15_serv_inv	BOBJ1	54	152	Before	Interior Girder 5	72	0.95	1	1	7.003237
HS15_serv_inv	BOBJ1	54	152	Before	Interior Girder 6	72	0.95	1	1	6.881906
HS15_serv_inv	BOBJ1	54	152	Before	Right Exterior Girder	72	0.95	1	1	5.968771
HS15_serv_inv	BOBJ1	55	152	After	Left Exterior Girder	72	0.95	1	1	5.968109
HS15_serv_inv	BOBJ1	55	152	After	Interior Girder 1	72	0.95	1	1	6.850213
HS15_serv_inv	BOBJ1	55	152	After	Interior Girder 2	72	0.95	1	1	6.944808
HS15_serv_inv	BOBJ1	55	152	After	Interior Girder 3	72	0.95	1	1	6.712992
HS15_serv_inv	BOBJ1	55	152	After	Interior Girder 4	72	0.95	1	1	6.709084
HS15_serv_inv	BOBJ1	55	152	After	Interior Girder 5	72	0.95	1	1	6.937472
HS15_serv_inv	BOBJ1	55	152	After	Interior Girder 6	72	0.95	1	1	6.852236
HS15_serv_inv	BOBJ1	55	152	After	Right Exterior Girder	72	0.95	1	1	5.973724
HS15_serv_inv	BOBJ1	56	154	Before	Left Exterior Girder	74	0.95	1	1	5.353278
HS15_serv_inv	BOBJ1	56	154	Before	Right Exterior Girder	74	0.95	1	1	5.358288
HS15_serv_inv	BOBJ1	57	154	After	Left Exterior Girder	74	0.95	1	1	8.08289
HS15_serv_inv	BOBJ1	57	154	After	Right Exterior Girder	74	0.95	1	1	8.090581
HS15_serv_inv	BOBJ1	58	160	Before	Left Exterior Girder	80	0.95	1	1	5.947679
HS15_serv_inv	BOBJ1	58	160	Before	Interior Girder 1	80	0.95	1	1	4.895871
HS15_serv_inv	BOBJ1	58	160	Before	Interior Girder 2	80	0.95	1	1	4.757851
HS15_serv_inv	BOBJ1	58	160	Before	Interior Girder 3	80	0.95	1	1	4.034886
HS15_serv_inv	BOBJ1	58	160	Before	Interior Girder 4	80	0.95	1	1	4.042262
HS15_serv_inv	BOBJ1	58	160	Before	Interior Girder 5	80	0.95	1	1	4.741932
HS15_serv_inv	BOBJ1	58	160	Before	Interior Girder 6	80	0.95	1	1	4.898052
HS15_serv_inv	BOBJ1	58	160	Before	Right Exterior Girder	80	0.95	1	1	5.953876
HS15_serv_inv	BOBJ1	59	160	After	Left Exterior Girder	0	0.95	1	1	5.898785
HS15_serv_inv	BOBJ1	59	160	After	Interior Girder 1	0	0.95	1	1	4.770022
HS15_serv_inv	BOBJ1	59	160	After	Interior Girder 2	0	0.95	1	1	4.653664
HS15_serv_inv	BOBJ1	59	160	After	Interior Girder 3	0	0.95	1	1	3.980847
HS15_serv_inv	BOBJ1	59	160	After	Interior Girder 4	0	0.95	1	1	3.986607
HS15_serv_inv	BOBJ1	59	160	After	Interior Girder 5	0	0.95	1	1	4.645802
HS15_serv_inv	BOBJ1	59	160	After	Interior Girder 6	0	0.95	1	1	4.777082
HS15_serv_inv	BOBJ1	59	160	After	Right Exterior Girder	0	0.95	1	1	5.905841
HS15_serv_inv	BOBJ1	60	166	Before	Left Exterior Girder	6	0.95	1	1	8.264476
HS15_serv_inv	BOBJ1	60	166	Before	Right Exterior Girder	6	0.95	1	1	8.273313
HS15_serv_inv	BOBJ1	61	166	After	Left Exterior Girder	6	0.95	1	1	5.514736
HS15_serv_inv	BOBJ1	61	166	After	Right Exterior Girder	6	0.95	1	1	5.52055
HS15_serv_inv	BOBJ1	62	168	Before	Left Exterior Girder	8	0.95	1	1	6.161195
HS15_serv_inv	BOBJ1	62	168	Before	Interior Girder 1	8	0.95	1	1	7.392761
HS15_serv_inv	BOBJ1	62	168	Before	Interior Girder 2	8	0.95	1	1	7.45583
HS15_serv_inv	BOBJ1	62	168	Before	Interior Girder 3	8	0.95	1	1	7.17616
HS15_serv_inv	BOBJ1	62	168	Before	Interior Girder 4	8	0.95	1	1	7.172754

TABLE: Bridge Super Rating AASHTORATE18 31 - SteelICompServ-Flx - Approach, Span 4-6										
Request	BridgeObj	BridgeCut	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	Unitless	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
HS15_serv_inv	BOBJ1	62	168	Before	Interior Girder 5	8	0.95	1	1	7.448941
HS15_serv_inv	BOBJ1	62	168	Before	Interior Girder 6	8	0.95	1	1	7.395025
HS15_serv_inv	BOBJ1	62	168	Before	Right Exterior Girder	8	0.95	1	1	6.167308
HS15_serv_inv	BOBJ1	63	168	After	Left Exterior Girder	8	0.95	1	1	6.109557
HS15_serv_inv	BOBJ1	63	168	After	Interior Girder 1	8	0.95	1	1	7.487522
HS15_serv_inv	BOBJ1	63	168	After	Interior Girder 2	8	0.95	1	1	7.535206
HS15_serv_inv	BOBJ1	63	168	After	Interior Girder 3	8	0.95	1	1	7.232634
HS15_serv_inv	BOBJ1	63	168	After	Interior Girder 4	8	0.95	1	1	7.228868
HS15_serv_inv	BOBJ1	63	168	After	Interior Girder 5	8	0.95	1	1	7.528797
HS15_serv_inv	BOBJ1	63	168	After	Interior Girder 6	8	0.95	1	1	7.489775
HS15_serv_inv	BOBJ1	63	168	After	Right Exterior Girder	8	0.95	1	1	6.115511
HS15_serv_inv	BOBJ1	64	170	Before	Interior Girder 1	10	0.95	1	1	8.081
HS15_serv_inv	BOBJ1	64	170	Before	Interior Girder 2	10	0.95	1	1	8.161306
HS15_serv_inv	BOBJ1	64	170	Before	Interior Girder 3	10	0.95	1	1	7.988975
HS15_serv_inv	BOBJ1	64	170	Before	Interior Girder 4	10	0.95	1	1	7.984666
HS15_serv_inv	BOBJ1	64	170	Before	Interior Girder 5	10	0.95	1	1	8.155029
HS15_serv_inv	BOBJ1	64	170	Before	Interior Girder 6	10	0.95	1	1	8.08284
HS15_serv_inv	BOBJ1	65	170	After	Interior Girder 1	10	0.95	1	1	3.981147
HS15_serv_inv	BOBJ1	65	170	After	Interior Girder 2	10	0.95	1	1	4.082948
HS15_serv_inv	BOBJ1	65	170	After	Interior Girder 3	10	0.95	1	1	3.955464
HS15_serv_inv	BOBJ1	65	170	After	Interior Girder 4	10	0.95	1	1	3.953503
HS15_serv_inv	BOBJ1	65	170	After	Interior Girder 5	10	0.95	1	1	4.079644
HS15_serv_inv	BOBJ1	65	170	After	Interior Girder 6	10	0.95	1	1	3.982233
HS15_serv_inv	BOBJ1	66	176	Before	Left Exterior Girder	16	0.95	1	1	8.490999
HS15_serv_inv	BOBJ1	66	176	Before	Interior Girder 1	16	0.95	1	1	5.42913
HS15_serv_inv	BOBJ1	66	176	Before	Interior Girder 2	16	0.95	1	1	5.636111
HS15_serv_inv	BOBJ1	66	176	Before	Interior Girder 3	16	0.95	1	1	5.848388
HS15_serv_inv	BOBJ1	66	176	Before	Interior Girder 4	16	0.95	1	1	5.845522
HS15_serv_inv	BOBJ1	66	176	Before	Interior Girder 5	16	0.95	1	1	5.632959
HS15_serv_inv	BOBJ1	66	176	Before	Interior Girder 6	16	0.95	1	1	5.42961
HS15_serv_inv	BOBJ1	66	176	Before	Right Exterior Girder	16	0.95	1	1	8.499414
HS15_serv_inv	BOBJ1	67	176	After	Left Exterior Girder	16	0.95	1	1	8.415672
HS15_serv_inv	BOBJ1	67	176	After	Interior Girder 1	16	0.95	1	1	5.482803
HS15_serv_inv	BOBJ1	67	176	After	Interior Girder 2	16	0.95	1	1	5.668494
HS15_serv_inv	BOBJ1	67	176	After	Interior Girder 3	16	0.95	1	1	5.852773
HS15_serv_inv	BOBJ1	67	176	After	Interior Girder 4	16	0.95	1	1	5.850222
HS15_serv_inv	BOBJ1	67	176	After	Interior Girder 5	16	0.95	1	1	5.664063
HS15_serv_inv	BOBJ1	67	176	After	Interior Girder 6	16	0.95	1	1	5.483451
HS15_serv_inv	BOBJ1	67	176	After	Right Exterior Girder	16	0.95	1	1	8.424007
HS15_serv_inv	BOBJ1	68	181	Before	Interior Girder 1	21	0.95	1	1	4.328594
HS15_serv_inv	BOBJ1	68	181	Before	Interior Girder 2	21	0.95	1	1	4.097171
HS15_serv_inv	BOBJ1	68	181	Before	Interior Girder 3	21	0.95	1	1	4.029289
HS15_serv_inv	BOBJ1	68	181	Before	Interior Girder 4	21	0.95	1	1	4.050529
HS15_serv_inv	BOBJ1	68	181	Before	Interior Girder 5	21	0.95	1	1	4.090452
HS15_serv_inv	BOBJ1	68	181	Before	Interior Girder 6	21	0.95	1	1	4.337109
HS15_serv_inv	BOBJ1	69	181	After	Interior Girder 1	21	0.95	1	1	6.949093
HS15_serv_inv	BOBJ1	69	181	After	Interior Girder 2	21	0.95	1	1	6.521414
HS15_serv_inv	BOBJ1	69	181	After	Interior Girder 3	21	0.95	1	1	6.563093
HS15_serv_inv	BOBJ1	69	181	After	Interior Girder 4	21	0.95	1	1	6.601615
HS15_serv_inv	BOBJ1	69	181	After	Interior Girder 5	21	0.95	1	1	6.509969
HS15_serv_inv	BOBJ1	69	181	After	Interior Girder 6	21	0.95	1	1	6.962821
HS15_serv_inv	BOBJ1	70	184	Before	Left Exterior Girder	24	0.95	1	1	5.791482
HS15_serv_inv	BOBJ1	70	184	Before	Interior Girder 1	24	0.95	1	1	5.702942
HS15_serv_inv	BOBJ1	70	184	Before	Interior Girder 2	24	0.95	1	1	5.478378
HS15_serv_inv	BOBJ1	70	184	Before	Interior Girder 3	24	0.95	1	1	5.525493
HS15_serv_inv	BOBJ1	70	184	Before	Interior Girder 4	24	0.95	1	1	5.546163
HS15_serv_inv	BOBJ1	70	184	Before	Interior Girder 5	24	0.95	1	1	5.466161
HS15_serv_inv	BOBJ1	70	184	Before	Interior Girder 6	24	0.95	1	1	5.714327
HS15_serv_inv	BOBJ1	70	184	Before	Right Exterior Girder	24	0.95	1	1	5.795829
HS15_serv_inv	BOBJ1	71	184	After	Left Exterior Girder	24	0.95	1	1	5.845932
HS15_serv_inv	BOBJ1	71	184	After	Interior Girder 1	24	0.95	1	1	5.640545
HS15_serv_inv	BOBJ1	71	184	After	Interior Girder 2	24	0.95	1	1	5.493581
HS15_serv_inv	BOBJ1	71	184	After	Interior Girder 3	24	0.95	1	1	5.589874
HS15_serv_inv	BOBJ1	71	184	After	Interior Girder 4	24	0.95	1	1	5.627934
HS15_serv_inv	BOBJ1	71	184	After	Interior Girder 5	24	0.95	1	1	5.486303
HS15_serv_inv	BOBJ1	71	184	After	Interior Girder 6	24	0.95	1	1	5.651124
HS15_serv_inv	BOBJ1	71	184	After	Right Exterior Girder	24	0.95	1	1	5.850014
HS15_serv_inv	BOBJ1	72	192	Before	Left Exterior Girder	32	0.95	1	1	4.258981
HS15_serv_inv	BOBJ1	72	192	Before	Interior Girder 1	32	0.95	1	1	4.076834
HS15_serv_inv	BOBJ1	72	192	Before	Interior Girder 2	32	0.95	1	1	4.141808
HS15_serv_inv	BOBJ1	72	192	Before	Interior Girder 3	32	0.95	1	1	4.217423
HS15_serv_inv	BOBJ1	72	192	Before	Interior Girder 4	32	0.95	1	1	4.221918
HS15_serv_inv	BOBJ1	72	192	Before	Interior Girder 5	32	0.95	1	1	4.140718

TABLE: Bridge Super Rating AASHTORATE18 31 - SteelICompServ-Flx - Approach, Span 4-6										
Request	BridgeObj	BridgeCut	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	Unitless	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
HS15_serv_inv	BOBJ1	72	192	Before	Interior Girder 6	32	0.95	1	1	4.076591
HS15_serv_inv	BOBJ1	72	192	Before	Right Exterior Girder	32	0.95	1	1	4.263818
HS15_serv_inv	BOBJ1	73	192	After	Left Exterior Girder	32	0.95	1	1	4.291541
HS15_serv_inv	BOBJ1	73	192	After	Interior Girder 1	32	0.95	1	1	4.030088
HS15_serv_inv	BOBJ1	73	192	After	Interior Girder 2	32	0.95	1	1	4.130461
HS15_serv_inv	BOBJ1	73	192	After	Interior Girder 3	32	0.95	1	1	4.217563
HS15_serv_inv	BOBJ1	73	192	After	Interior Girder 4	32	0.95	1	1	4.222723
HS15_serv_inv	BOBJ1	73	192	After	Interior Girder 5	32	0.95	1	1	4.131156
HS15_serv_inv	BOBJ1	73	192	After	Interior Girder 6	32	0.95	1	1	4.029954
HS15_serv_inv	BOBJ1	73	192	After	Right Exterior Girder	32	0.95	1	1	4.29565
HS15_serv_inv	BOBJ1	74	200	Before	Left Exterior Girder	40	0.95	1	1	3.675777
HS15_serv_inv	BOBJ1	74	200	Before	Interior Girder 1	40	0.95	1	1	3.289217
HS15_serv_inv	BOBJ1	74	200	Before	Interior Girder 2	40	0.95	1	1	3.370456
HS15_serv_inv	BOBJ1	74	200	Before	Interior Girder 3	40	0.95	1	1	3.482197
HS15_serv_inv	BOBJ1	74	200	Before	Interior Girder 4	40	0.95	1	1	3.489097
HS15_serv_inv	BOBJ1	74	200	Before	Interior Girder 5	40	0.95	1	1	3.36436
HS15_serv_inv	BOBJ1	74	200	Before	Interior Girder 6	40	0.95	1	1	3.29369
HS15_serv_inv	BOBJ1	74	200	Before	Right Exterior Girder	40	0.95	1	1	3.678907
HS15_serv_inv	BOBJ1	75	200	After	Left Exterior Girder	40	0.95	1	1	3.704492
HS15_serv_inv	BOBJ1	75	200	After	Interior Girder 1	40	0.95	1	1	3.277109
HS15_serv_inv	BOBJ1	75	200	After	Interior Girder 2	40	0.95	1	1	3.381844
HS15_serv_inv	BOBJ1	75	200	After	Interior Girder 3	40	0.95	1	1	3.491411
HS15_serv_inv	BOBJ1	75	200	After	Interior Girder 4	40	0.95	1	1	3.502924
HS15_serv_inv	BOBJ1	75	200	After	Interior Girder 5	40	0.95	1	1	3.375789
HS15_serv_inv	BOBJ1	75	200	After	Interior Girder 6	40	0.95	1	1	3.28134
HS15_serv_inv	BOBJ1	75	200	After	Right Exterior Girder	40	0.95	1	1	3.707551
HS15_serv_inv	BOBJ1	76	208	Before	Left Exterior Girder	48	0.95	1	1	3.436681
HS15_serv_inv	BOBJ1	76	208	Before	Interior Girder 1	48	0.95	1	1	3.188492
HS15_serv_inv	BOBJ1	76	208	Before	Interior Girder 2	48	0.95	1	1	3.335368
HS15_serv_inv	BOBJ1	76	208	Before	Interior Girder 3	48	0.95	1	1	3.42899
HS15_serv_inv	BOBJ1	76	208	Before	Interior Girder 4	48	0.95	1	1	3.431804
HS15_serv_inv	BOBJ1	76	208	Before	Interior Girder 5	48	0.95	1	1	3.333725
HS15_serv_inv	BOBJ1	76	208	Before	Interior Girder 6	48	0.95	1	1	3.188398
HS15_serv_inv	BOBJ1	76	208	Before	Right Exterior Girder	48	0.95	1	1	3.440256
HS15_serv_inv	BOBJ1	77	208	After	Left Exterior Girder	48	0.95	1	1	3.423907
HS15_serv_inv	BOBJ1	77	208	After	Interior Girder 1	48	0.95	1	1	3.189066
HS15_serv_inv	BOBJ1	77	208	After	Interior Girder 2	48	0.95	1	1	3.337193
HS15_serv_inv	BOBJ1	77	208	After	Interior Girder 3	48	0.95	1	1	3.421924
HS15_serv_inv	BOBJ1	77	208	After	Interior Girder 4	48	0.95	1	1	3.42388
HS15_serv_inv	BOBJ1	77	208	After	Interior Girder 5	48	0.95	1	1	3.335843
HS15_serv_inv	BOBJ1	77	208	After	Interior Girder 6	48	0.95	1	1	3.188952
HS15_serv_inv	BOBJ1	77	208	After	Right Exterior Girder	48	0.95	1	1	3.427588
HS15_serv_inv	BOBJ1	78	216	Before	Left Exterior Girder	56	0.95	1	1	3.976198
HS15_serv_inv	BOBJ1	78	216	Before	Interior Girder 1	56	0.95	1	1	3.466205
HS15_serv_inv	BOBJ1	78	216	Before	Interior Girder 2	56	0.95	1	1	3.529432
HS15_serv_inv	BOBJ1	78	216	Before	Interior Girder 3	56	0.95	1	1	3.664452
HS15_serv_inv	BOBJ1	78	216	Before	Interior Girder 4	56	0.95	1	1	3.680952
HS15_serv_inv	BOBJ1	78	216	Before	Interior Girder 5	56	0.95	1	1	3.522733
HS15_serv_inv	BOBJ1	78	216	Before	Interior Girder 6	56	0.95	1	1	3.47097
HS15_serv_inv	BOBJ1	78	216	Before	Right Exterior Girder	56	0.95	1	1	3.979082
HS15_serv_inv	BOBJ1	79	216	After	Left Exterior Girder	56	0.95	1	1	3.924428
HS15_serv_inv	BOBJ1	79	216	After	Interior Girder 1	56	0.95	1	1	3.480053
HS15_serv_inv	BOBJ1	79	216	After	Interior Girder 2	56	0.95	1	1	3.5226
HS15_serv_inv	BOBJ1	79	216	After	Interior Girder 3	56	0.95	1	1	3.618548
HS15_serv_inv	BOBJ1	79	216	After	Interior Girder 4	56	0.95	1	1	3.625718
HS15_serv_inv	BOBJ1	79	216	After	Interior Girder 5	56	0.95	1	1	3.515966
HS15_serv_inv	BOBJ1	79	216	After	Interior Girder 6	56	0.95	1	1	3.48608
HS15_serv_inv	BOBJ1	79	216	After	Right Exterior Girder	56	0.95	1	1	3.927841
HS15_serv_inv	BOBJ1	80	224	Before	Left Exterior Girder	64	0.95	1	1	5.133287
HS15_serv_inv	BOBJ1	80	224	Before	Interior Girder 1	64	0.95	1	1	4.705245
HS15_serv_inv	BOBJ1	80	224	Before	Interior Girder 2	64	0.95	1	1	4.69821
HS15_serv_inv	BOBJ1	80	224	Before	Interior Girder 3	64	0.95	1	1	4.815385
HS15_serv_inv	BOBJ1	80	224	Before	Interior Girder 4	64	0.95	1	1	4.820295
HS15_serv_inv	BOBJ1	80	224	Before	Interior Girder 5	64	0.95	1	1	4.702095
HS15_serv_inv	BOBJ1	80	224	Before	Interior Girder 6	64	0.95	1	1	4.704821
HS15_serv_inv	BOBJ1	80	224	Before	Right Exterior Girder	64	0.95	1	1	5.138486
HS15_serv_inv	BOBJ1	81	224	After	Left Exterior Girder	64	0.95	1	1	5.069726
HS15_serv_inv	BOBJ1	81	224	After	Interior Girder 1	64	0.95	1	1	4.788083
HS15_serv_inv	BOBJ1	81	224	After	Interior Girder 2	64	0.95	1	1	4.682457
HS15_serv_inv	BOBJ1	81	224	After	Interior Girder 3	64	0.95	1	1	4.764563
HS15_serv_inv	BOBJ1	81	224	After	Interior Girder 4	64	0.95	1	1	4.767011
HS15_serv_inv	BOBJ1	81	224	After	Interior Girder 5	64	0.95	1	1	4.681395
HS15_serv_inv	BOBJ1	81	224	After	Interior Girder 6	64	0.95	1	1	4.787629

TABLE: Bridge Super Rating AASHTORATE18 31 - SteelICompServ-Flx - Approach, Span 4-6										
Request	BridgeObj	BridgeCut	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	Unitless	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
HS15_serv_inv	BOBJ1	81	224	After	Right Exterior Girder	64	0.95	1	1	5.075357
HS15_serv_inv	BOBJ1	82	232	Before	Left Exterior Girder	72	0.95	1	1	9.227951
HS15_serv_inv	BOBJ1	82	232	Before	Interior Girder 1	72	0.95	1	1	8.326607
HS15_serv_inv	BOBJ1	82	232	Before	Interior Girder 2	72	0.95	1	1	7.913848
HS15_serv_inv	BOBJ1	82	232	Before	Interior Girder 3	72	0.95	1	1	7.993874
HS15_serv_inv	BOBJ1	82	232	Before	Interior Girder 4	72	0.95	1	1	8.066062
HS15_serv_inv	BOBJ1	82	232	Before	Interior Girder 5	72	0.95	1	1	7.925783
HS15_serv_inv	BOBJ1	82	232	Before	Interior Girder 6	72	0.95	1	1	8.345472
HS15_serv_inv	BOBJ1	82	232	Before	Right Exterior Girder	72	0.95	1	1	9.234811
HS15_serv_inv	BOBJ1	83	232	After	Left Exterior Girder	72	0.95	1	1	9.250561
HS15_serv_inv	BOBJ1	83	232	After	Interior Girder 1	72	0.95	1	1	8.285527
HS15_serv_inv	BOBJ1	83	232	After	Interior Girder 2	72	0.95	1	1	7.79818
HS15_serv_inv	BOBJ1	83	232	After	Interior Girder 3	72	0.95	1	1	7.645944
HS15_serv_inv	BOBJ1	83	232	After	Interior Girder 4	72	0.95	1	1	7.690901
HS15_serv_inv	BOBJ1	83	232	After	Interior Girder 5	72	0.95	1	1	7.787832
HS15_serv_inv	BOBJ1	83	232	After	Interior Girder 6	72	0.95	1	1	8.309945
HS15_serv_inv	BOBJ1	83	232	After	Right Exterior Girder	72	0.95	1	1	9.25991
HS15_serv_inv	BOBJ1	84	240	Before	Left Exterior Girder	80	0.95	1	1	76.130296
HS15_serv_inv	BOBJ1	84	240	Before	Interior Girder 1	80	0.95	1	1	43.636415
HS15_serv_inv	BOBJ1	84	240	Before	Interior Girder 2	80	0.95	1	1	36.419805
HS15_serv_inv	BOBJ1	84	240	Before	Interior Girder 3	80	0.95	1	1	25.111353
HS15_serv_inv	BOBJ1	84	240	Before	Interior Girder 4	80	0.95	1	1	25.281303
HS15_serv_inv	BOBJ1	84	240	Before	Interior Girder 5	80	0.95	1	1	35.997367
HS15_serv_inv	BOBJ1	84	240	Before	Interior Girder 6	80	0.95	1	1	43.643255
HS15_serv_inv	BOBJ1	84	240	Before	Right Exterior Girder	80	0.95	1	1	76.218798
Lane_serv_opr	BOBJ1	1	0	After	Left Exterior Girder	0	0.95	1	1	2155.138645
Lane_serv_opr	BOBJ1	1	0	After	Interior Girder 1	0	0.95	1	1	2238.191973
Lane_serv_opr	BOBJ1	1	0	After	Interior Girder 2	0	0.95	1	1	2373.012872
Lane_serv_opr	BOBJ1	1	0	After	Interior Girder 3	0	0.95	1	1	1435.461146
Lane_serv_opr	BOBJ1	1	0	After	Interior Girder 4	0	0.95	1	1	1425.139569
Lane_serv_opr	BOBJ1	1	0	After	Interior Girder 5	0	0.95	1	1	2288.367136
Lane_serv_opr	BOBJ1	1	0	After	Interior Girder 6	0	0.95	1	1	2224.14961
Lane_serv_opr	BOBJ1	1	0	After	Right Exterior Girder	0	0.95	1	1	2155.138638
Lane_serv_opr	BOBJ1	2	8	Before	Left Exterior Girder	8	0.95	1	1	33.078515
Lane_serv_opr	BOBJ1	2	8	Before	Interior Girder 1	8	0.95	1	1	34.784396
Lane_serv_opr	BOBJ1	2	8	Before	Interior Girder 2	8	0.95	1	1	35.287714
Lane_serv_opr	BOBJ1	2	8	Before	Interior Girder 3	8	0.95	1	1	35.097225
Lane_serv_opr	BOBJ1	2	8	Before	Interior Girder 4	8	0.95	1	1	35.05246
Lane_serv_opr	BOBJ1	2	8	Before	Interior Girder 5	8	0.95	1	1	34.823283
Lane_serv_opr	BOBJ1	2	8	Before	Interior Girder 6	8	0.95	1	1	35.08159
Lane_serv_opr	BOBJ1	2	8	Before	Right Exterior Girder	8	0.95	1	1	33.201175
Lane_serv_opr	BOBJ1	3	8	After	Left Exterior Girder	8	0.95	1	1	33.387281
Lane_serv_opr	BOBJ1	3	8	After	Interior Girder 1	8	0.95	1	1	33.962053
Lane_serv_opr	BOBJ1	3	8	After	Interior Girder 2	8	0.95	1	1	35.572033
Lane_serv_opr	BOBJ1	3	8	After	Interior Girder 3	8	0.95	1	1	36.778845
Lane_serv_opr	BOBJ1	3	8	After	Interior Girder 4	8	0.95	1	1	36.741886
Lane_serv_opr	BOBJ1	3	8	After	Interior Girder 5	8	0.95	1	1	35.144986
Lane_serv_opr	BOBJ1	3	8	After	Interior Girder 6	8	0.95	1	1	34.222528
Lane_serv_opr	BOBJ1	3	8	After	Right Exterior Girder	8	0.95	1	1	33.490158
Lane_serv_opr	BOBJ1	4	16	Before	Left Exterior Girder	16	0.95	1	1	17.044681
Lane_serv_opr	BOBJ1	4	16	Before	Interior Girder 1	16	0.95	1	1	18.678533
Lane_serv_opr	BOBJ1	4	16	Before	Interior Girder 2	16	0.95	1	1	18.799831
Lane_serv_opr	BOBJ1	4	16	Before	Interior Girder 3	16	0.95	1	1	18.979105
Lane_serv_opr	BOBJ1	4	16	Before	Interior Girder 4	16	0.95	1	1	18.944937
Lane_serv_opr	BOBJ1	4	16	Before	Interior Girder 5	16	0.95	1	1	18.750741
Lane_serv_opr	BOBJ1	4	16	Before	Interior Girder 6	16	0.95	1	1	18.681708
Lane_serv_opr	BOBJ1	4	16	Before	Right Exterior Girder	16	0.95	1	1	17.120502
Lane_serv_opr	BOBJ1	5	16	After	Left Exterior Girder	16	0.95	1	1	17.234211
Lane_serv_opr	BOBJ1	5	16	After	Interior Girder 1	16	0.95	1	1	18.245858
Lane_serv_opr	BOBJ1	5	16	After	Interior Girder 2	16	0.95	1	1	18.801219
Lane_serv_opr	BOBJ1	5	16	After	Interior Girder 3	16	0.95	1	1	19.125518
Lane_serv_opr	BOBJ1	5	16	After	Interior Girder 4	16	0.95	1	1	19.095645
Lane_serv_opr	BOBJ1	5	16	After	Interior Girder 5	16	0.95	1	1	18.758619
Lane_serv_opr	BOBJ1	5	16	After	Interior Girder 6	16	0.95	1	1	18.248879
Lane_serv_opr	BOBJ1	5	16	After	Right Exterior Girder	16	0.95	1	1	17.303926
Lane_serv_opr	BOBJ1	6	20.5	Before	Left Exterior Girder	20.5	0.95	1	1	14.238106
Lane_serv_opr	BOBJ1	6	20.5	Before	Right Exterior Girder	20.5	0.95	1	1	14.291712
Lane_serv_opr	BOBJ1	7	20.5	After	Left Exterior Girder	20.5	0.95	1	1	17.044493
Lane_serv_opr	BOBJ1	7	20.5	After	Right Exterior Girder	20.5	0.95	1	1	17.106277
Lane_serv_opr	BOBJ1	8	24	Before	Left Exterior Girder	24	0.95	1	1	15.341377
Lane_serv_opr	BOBJ1	8	24	Before	Interior Girder 1	24	0.95	1	1	13.196658
Lane_serv_opr	BOBJ1	8	24	Before	Interior Girder 2	24	0.95	1	1	13.555807
Lane_serv_opr	BOBJ1	8	24	Before	Interior Girder 3	24	0.95	1	1	13.936369

TABLE: Bridge Super Rating AASHTORATE18 31 - SteelICompServ-Flx - Approach, Span 4-6										
Request	BridgeObj	BridgeCut	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	Unitless	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Lane_serv_opr	BOBJ1	8	24	Before	Interior Girder 4	24	0.95	1	1	13.918786
Lane_serv_opr	BOBJ1	8	24	Before	Interior Girder 5	24	0.95	1	1	13.490017
Lane_serv_opr	BOBJ1	8	24	Before	Interior Girder 6	24	0.95	1	1	13.224261
Lane_serv_opr	BOBJ1	8	24	Before	Right Exterior Girder	24	0.95	1	1	15.395707
Lane_serv_opr	BOBJ1	9	24	After	Left Exterior Girder	24	0.95	1	1	15.306865
Lane_serv_opr	BOBJ1	9	24	After	Interior Girder 1	24	0.95	1	1	13.172763
Lane_serv_opr	BOBJ1	9	24	After	Interior Girder 2	24	0.95	1	1	13.558934
Lane_serv_opr	BOBJ1	9	24	After	Interior Girder 3	24	0.95	1	1	13.974855
Lane_serv_opr	BOBJ1	9	24	After	Interior Girder 4	24	0.95	1	1	13.959469
Lane_serv_opr	BOBJ1	9	24	After	Interior Girder 5	24	0.95	1	1	13.493158
Lane_serv_opr	BOBJ1	9	24	After	Interior Girder 6	24	0.95	1	1	13.202063
Lane_serv_opr	BOBJ1	9	24	After	Right Exterior Girder	24	0.95	1	1	15.356561
Lane_serv_opr	BOBJ1	10	32	Before	Left Exterior Girder	32	0.95	1	1	12.876728
Lane_serv_opr	BOBJ1	10	32	Before	Interior Girder 1	32	0.95	1	1	11.911675
Lane_serv_opr	BOBJ1	10	32	Before	Interior Girder 2	32	0.95	1	1	12.08506
Lane_serv_opr	BOBJ1	10	32	Before	Interior Girder 3	32	0.95	1	1	12.338289
Lane_serv_opr	BOBJ1	10	32	Before	Interior Girder 4	32	0.95	1	1	12.32224
Lane_serv_opr	BOBJ1	10	32	Before	Interior Girder 5	32	0.95	1	1	12.083653
Lane_serv_opr	BOBJ1	10	32	Before	Interior Girder 6	32	0.95	1	1	11.899461
Lane_serv_opr	BOBJ1	10	32	Before	Right Exterior Girder	32	0.95	1	1	12.923216
Lane_serv_opr	BOBJ1	11	32	After	Left Exterior Girder	32	0.95	1	1	12.942438
Lane_serv_opr	BOBJ1	11	32	After	Interior Girder 1	32	0.95	1	1	11.878134
Lane_serv_opr	BOBJ1	11	32	After	Interior Girder 2	32	0.95	1	1	12.0683
Lane_serv_opr	BOBJ1	11	32	After	Interior Girder 3	32	0.95	1	1	12.332326
Lane_serv_opr	BOBJ1	11	32	After	Interior Girder 4	32	0.95	1	1	12.31685
Lane_serv_opr	BOBJ1	11	32	After	Interior Girder 5	32	0.95	1	1	12.065966
Lane_serv_opr	BOBJ1	11	32	After	Interior Girder 6	32	0.95	1	1	11.867524
Lane_serv_opr	BOBJ1	11	32	After	Right Exterior Girder	32	0.95	1	1	12.987781
Lane_serv_opr	BOBJ1	12	40	Before	Left Exterior Girder	40	0.95	1	1	13.241015
Lane_serv_opr	BOBJ1	12	40	Before	Interior Girder 1	40	0.95	1	1	11.851426
Lane_serv_opr	BOBJ1	12	40	Before	Interior Girder 2	40	0.95	1	1	12.206968
Lane_serv_opr	BOBJ1	12	40	Before	Interior Girder 3	40	0.95	1	1	12.525647
Lane_serv_opr	BOBJ1	12	40	Before	Interior Girder 4	40	0.95	1	1	12.513091
Lane_serv_opr	BOBJ1	12	40	Before	Interior Girder 5	40	0.95	1	1	12.163121
Lane_serv_opr	BOBJ1	12	40	Before	Interior Girder 6	40	0.95	1	1	11.86849
Lane_serv_opr	BOBJ1	12	40	Before	Right Exterior Girder	40	0.95	1	1	13.282688
Lane_serv_opr	BOBJ1	13	40	After	Left Exterior Girder	40	0.95	1	1	13.314542
Lane_serv_opr	BOBJ1	13	40	After	Interior Girder 1	40	0.95	1	1	11.8612
Lane_serv_opr	BOBJ1	13	40	After	Interior Girder 2	40	0.95	1	1	12.190392
Lane_serv_opr	BOBJ1	13	40	After	Interior Girder 3	40	0.95	1	1	12.502283
Lane_serv_opr	BOBJ1	13	40	After	Interior Girder 4	40	0.95	1	1	12.489341
Lane_serv_opr	BOBJ1	13	40	After	Interior Girder 5	40	0.95	1	1	12.146087
Lane_serv_opr	BOBJ1	13	40	After	Interior Girder 6	40	0.95	1	1	11.878241
Lane_serv_opr	BOBJ1	13	40	After	Right Exterior Girder	40	0.95	1	1	13.357726
Lane_serv_opr	BOBJ1	14	46.5	Before	Left Exterior Girder	46.5	0.95	1	1	14.066303
Lane_serv_opr	BOBJ1	14	46.5	Before	Right Exterior Girder	46.5	0.95	1	1	14.113969
Lane_serv_opr	BOBJ1	15	46.5	After	Left Exterior Girder	46.5	0.95	1	1	12.129652
Lane_serv_opr	BOBJ1	15	46.5	After	Right Exterior Girder	46.5	0.95	1	1	12.171291
Lane_serv_opr	BOBJ1	16	48	Before	Left Exterior Girder	48	0.95	1	1	12.413635
Lane_serv_opr	BOBJ1	16	48	Before	Interior Girder 1	48	0.95	1	1	14.060975
Lane_serv_opr	BOBJ1	16	48	Before	Interior Girder 2	48	0.95	1	1	14.624412
Lane_serv_opr	BOBJ1	16	48	Before	Interior Girder 3	48	0.95	1	1	14.777633
Lane_serv_opr	BOBJ1	16	48	Before	Interior Girder 4	48	0.95	1	1	14.759471
Lane_serv_opr	BOBJ1	16	48	Before	Interior Girder 5	48	0.95	1	1	14.625287
Lane_serv_opr	BOBJ1	16	48	Before	Interior Girder 6	48	0.95	1	1	14.046701
Lane_serv_opr	BOBJ1	16	48	Before	Right Exterior Girder	48	0.95	1	1	12.457193
Lane_serv_opr	BOBJ1	17	48	After	Left Exterior Girder	48	0.95	1	1	12.40398
Lane_serv_opr	BOBJ1	17	48	After	Interior Girder 1	48	0.95	1	1	14.207777
Lane_serv_opr	BOBJ1	17	48	After	Interior Girder 2	48	0.95	1	1	14.614768
Lane_serv_opr	BOBJ1	17	48	After	Interior Girder 3	48	0.95	1	1	14.725627
Lane_serv_opr	BOBJ1	17	48	After	Interior Girder 4	48	0.95	1	1	14.705733
Lane_serv_opr	BOBJ1	17	48	After	Interior Girder 5	48	0.95	1	1	14.61511
Lane_serv_opr	BOBJ1	17	48	After	Interior Girder 6	48	0.95	1	1	14.192018
Lane_serv_opr	BOBJ1	17	48	After	Right Exterior Girder	48	0.95	1	1	12.450614
Lane_serv_opr	BOBJ1	18	56	Before	Left Exterior Girder	56	0.95	1	1	16.506668
Lane_serv_opr	BOBJ1	18	56	Before	Interior Girder 1	56	0.95	1	1	19.353343
Lane_serv_opr	BOBJ1	18	56	Before	Interior Girder 2	56	0.95	1	1	20.086862
Lane_serv_opr	BOBJ1	18	56	Before	Interior Girder 3	56	0.95	1	1	20.635098
Lane_serv_opr	BOBJ1	18	56	Before	Interior Girder 4	56	0.95	1	1	20.615304
Lane_serv_opr	BOBJ1	18	56	Before	Interior Girder 5	56	0.95	1	1	19.987265
Lane_serv_opr	BOBJ1	18	56	Before	Interior Girder 6	56	0.95	1	1	19.401701
Lane_serv_opr	BOBJ1	18	56	Before	Right Exterior Girder	56	0.95	1	1	16.55371
Lane_serv_opr	BOBJ1	19	56	After	Left Exterior Girder	56	0.95	1	1	16.441643

TABLE: Bridge Super Rating AASHTORATE18 31 - SteelICompServ-Flx - Approach, Span 4-6										
Request	BridgeObj	BridgeCut	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	Unitless	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Lane_serv_opr	BOBJ1	19	56	After	Interior Girder 1	56	0.95	1	1	19.675759
Lane_serv_opr	BOBJ1	19	56	After	Interior Girder 2	56	0.95	1	1	20.000578
Lane_serv_opr	BOBJ1	19	56	After	Interior Girder 3	56	0.95	1	1	20.506516
Lane_serv_opr	BOBJ1	19	56	After	Interior Girder 4	56	0.95	1	1	20.479842
Lane_serv_opr	BOBJ1	19	56	After	Interior Girder 5	56	0.95	1	1	19.894653
Lane_serv_opr	BOBJ1	19	56	After	Interior Girder 6	56	0.95	1	1	19.725105
Lane_serv_opr	BOBJ1	19	56	After	Right Exterior Girder	56	0.95	1	1	16.495877
Lane_serv_opr	BOBJ1	20	59	Before	Interior Girder 1	59	0.95	1	1	23.773283
Lane_serv_opr	BOBJ1	20	59	Before	Interior Girder 2	59	0.95	1	1	24.143251
Lane_serv_opr	BOBJ1	20	59	Before	Interior Girder 3	59	0.95	1	1	24.886623
Lane_serv_opr	BOBJ1	20	59	Before	Interior Girder 4	59	0.95	1	1	24.854307
Lane_serv_opr	BOBJ1	20	59	Before	Interior Girder 5	59	0.95	1	1	24.01374
Lane_serv_opr	BOBJ1	20	59	Before	Interior Girder 6	59	0.95	1	1	23.837213
Lane_serv_opr	BOBJ1	21	59	After	Interior Girder 1	59	0.95	1	1	13.774599
Lane_serv_opr	BOBJ1	21	59	After	Interior Girder 2	59	0.95	1	1	14.030939
Lane_serv_opr	BOBJ1	21	59	After	Interior Girder 3	59	0.95	1	1	14.182193
Lane_serv_opr	BOBJ1	21	59	After	Interior Girder 4	59	0.95	1	1	14.164635
Lane_serv_opr	BOBJ1	21	59	After	Interior Girder 5	59	0.95	1	1	13.953271
Lane_serv_opr	BOBJ1	21	59	After	Interior Girder 6	59	0.95	1	1	13.810705
Lane_serv_opr	BOBJ1	22	64	Before	Left Exterior Girder	64	0.95	1	1	26.007919
Lane_serv_opr	BOBJ1	22	64	Before	Interior Girder 1	64	0.95	1	1	15.897207
Lane_serv_opr	BOBJ1	22	64	Before	Interior Girder 2	64	0.95	1	1	15.396546
Lane_serv_opr	BOBJ1	22	64	Before	Interior Girder 3	64	0.95	1	1	16.340918
Lane_serv_opr	BOBJ1	22	64	Before	Interior Girder 4	64	0.95	1	1	16.319929
Lane_serv_opr	BOBJ1	22	64	Before	Interior Girder 5	64	0.95	1	1	15.344287
Lane_serv_opr	BOBJ1	22	64	Before	Interior Girder 6	64	0.95	1	1	15.910001
Lane_serv_opr	BOBJ1	22	64	Before	Right Exterior Girder	64	0.95	1	1	26.094125
Lane_serv_opr	BOBJ1	23	64	After	Left Exterior Girder	64	0.95	1	1	25.347488
Lane_serv_opr	BOBJ1	23	64	After	Interior Girder 1	64	0.95	1	1	15.730862
Lane_serv_opr	BOBJ1	23	64	After	Interior Girder 2	64	0.95	1	1	15.28541
Lane_serv_opr	BOBJ1	23	64	After	Interior Girder 3	64	0.95	1	1	16.42586
Lane_serv_opr	BOBJ1	23	64	After	Interior Girder 4	64	0.95	1	1	16.406894
Lane_serv_opr	BOBJ1	23	64	After	Interior Girder 5	64	0.95	1	1	15.24009
Lane_serv_opr	BOBJ1	23	64	After	Interior Girder 6	64	0.95	1	1	15.741984
Lane_serv_opr	BOBJ1	23	64	After	Right Exterior Girder	64	0.95	1	1	25.436286
Lane_serv_opr	BOBJ1	24	69	Before	Interior Girder 1	69	0.95	1	1	10.798946
Lane_serv_opr	BOBJ1	24	69	Before	Interior Girder 2	69	0.95	1	1	10.401999
Lane_serv_opr	BOBJ1	24	69	Before	Interior Girder 3	69	0.95	1	1	10.502503
Lane_serv_opr	BOBJ1	24	69	Before	Interior Girder 4	69	0.95	1	1	10.487294
Lane_serv_opr	BOBJ1	24	69	Before	Interior Girder 5	69	0.95	1	1	10.362193
Lane_serv_opr	BOBJ1	24	69	Before	Interior Girder 6	69	0.95	1	1	10.827219
Lane_serv_opr	BOBJ1	25	69	After	Interior Girder 1	69	0.95	1	1	22.979065
Lane_serv_opr	BOBJ1	25	69	After	Interior Girder 2	69	0.95	1	1	21.713773
Lane_serv_opr	BOBJ1	25	69	After	Interior Girder 3	69	0.95	1	1	22.239731
Lane_serv_opr	BOBJ1	25	69	After	Interior Girder 4	69	0.95	1	1	22.216392
Lane_serv_opr	BOBJ1	25	69	After	Interior Girder 5	69	0.95	1	1	21.652819
Lane_serv_opr	BOBJ1	25	69	After	Interior Girder 6	69	0.95	1	1	23.025874
Lane_serv_opr	BOBJ1	26	72	Before	Left Exterior Girder	72	0.95	1	1	16.057931
Lane_serv_opr	BOBJ1	26	72	Before	Interior Girder 1	72	0.95	1	1	17.718566
Lane_serv_opr	BOBJ1	26	72	Before	Interior Girder 2	72	0.95	1	1	16.970276
Lane_serv_opr	BOBJ1	26	72	Before	Interior Girder 3	72	0.95	1	1	16.53863
Lane_serv_opr	BOBJ1	26	72	Before	Interior Girder 4	72	0.95	1	1	16.509231
Lane_serv_opr	BOBJ1	26	72	Before	Interior Girder 5	72	0.95	1	1	16.905109
Lane_serv_opr	BOBJ1	26	72	Before	Interior Girder 6	72	0.95	1	1	17.770849
Lane_serv_opr	BOBJ1	26	72	Before	Right Exterior Girder	72	0.95	1	1	16.155331
Lane_serv_opr	BOBJ1	27	72	After	Left Exterior Girder	72	0.95	1	1	16.495434
Lane_serv_opr	BOBJ1	27	72	After	Interior Girder 1	72	0.95	1	1	17.309134
Lane_serv_opr	BOBJ1	27	72	After	Interior Girder 2	72	0.95	1	1	16.909928
Lane_serv_opr	BOBJ1	27	72	After	Interior Girder 3	72	0.95	1	1	16.707923
Lane_serv_opr	BOBJ1	27	72	After	Interior Girder 4	72	0.95	1	1	16.68387
Lane_serv_opr	BOBJ1	27	72	After	Interior Girder 5	72	0.95	1	1	16.83518
Lane_serv_opr	BOBJ1	27	72	After	Interior Girder 6	72	0.95	1	1	17.363735
Lane_serv_opr	BOBJ1	27	72	After	Right Exterior Girder	72	0.95	1	1	16.592946
Lane_serv_opr	BOBJ1	28	72.5	Before	Left Exterior Girder	72.5	0.95	1	1	15.367201
Lane_serv_opr	BOBJ1	28	72.5	Before	Right Exterior Girder	72.5	0.95	1	1	15.452506
Lane_serv_opr	BOBJ1	29	72.5	After	Left Exterior Girder	72.5	0.95	1	1	23.289705
Lane_serv_opr	BOBJ1	29	72.5	After	Right Exterior Girder	72.5	0.95	1	1	23.418999
Lane_serv_opr	BOBJ1	30	80	Before	Left Exterior Girder	80	0.95	1	1	11.196857
Lane_serv_opr	BOBJ1	30	80	Before	Interior Girder 1	80	0.95	1	1	8.040408
Lane_serv_opr	BOBJ1	30	80	Before	Interior Girder 2	80	0.95	1	1	8.084049
Lane_serv_opr	BOBJ1	30	80	Before	Interior Girder 3	80	0.95	1	1	7.05673
Lane_serv_opr	BOBJ1	30	80	Before	Interior Girder 4	80	0.95	1	1	7.043068
Lane_serv_opr	BOBJ1	30	80	Before	Interior Girder 5	80	0.95	1	1	8.034941

TABLE: Bridge Super Rating AASHTORATE18 31 - SteelICompServ-Flx - Approach, Span 4-6										
Request	BridgeObj	BridgeCut	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	Unitless	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Lane_serv_opr	BOBJ1	30	80	Before	Interior Girder 6	80	0.95	1	1	8.086224
Lane_serv_opr	BOBJ1	30	80	Before	Right Exterior Girder	80	0.95	1	1	11.254508
Lane_serv_opr	BOBJ1	31	80	After	Left Exterior Girder	0	0.95	1	1	11.161311
Lane_serv_opr	BOBJ1	31	80	After	Interior Girder 1	0	0.95	1	1	8.057105
Lane_serv_opr	BOBJ1	31	80	After	Interior Girder 2	0	0.95	1	1	8.082781
Lane_serv_opr	BOBJ1	31	80	After	Interior Girder 3	0	0.95	1	1	7.052701
Lane_serv_opr	BOBJ1	31	80	After	Interior Girder 4	0	0.95	1	1	7.039526
Lane_serv_opr	BOBJ1	31	80	After	Interior Girder 5	0	0.95	1	1	8.034697
Lane_serv_opr	BOBJ1	31	80	After	Interior Girder 6	0	0.95	1	1	8.103279
Lane_serv_opr	BOBJ1	31	80	After	Right Exterior Girder	0	0.95	1	1	11.218382
Lane_serv_opr	BOBJ1	32	87.5	Before	Left Exterior Girder	7.5	0.95	1	1	21.381045
Lane_serv_opr	BOBJ1	32	87.5	Before	Right Exterior Girder	7.5	0.95	1	1	21.487243
Lane_serv_opr	BOBJ1	33	87.5	After	Left Exterior Girder	7.5	0.95	1	1	13.895146
Lane_serv_opr	BOBJ1	33	87.5	After	Right Exterior Girder	7.5	0.95	1	1	13.964655
Lane_serv_opr	BOBJ1	34	88	Before	Left Exterior Girder	8	0.95	1	1	14.786341
Lane_serv_opr	BOBJ1	34	88	Before	Interior Girder 1	8	0.95	1	1	15.867119
Lane_serv_opr	BOBJ1	34	88	Before	Interior Girder 2	8	0.95	1	1	15.500633
Lane_serv_opr	BOBJ1	34	88	Before	Interior Girder 3	8	0.95	1	1	15.295864
Lane_serv_opr	BOBJ1	34	88	Before	Interior Girder 4	8	0.95	1	1	15.28404
Lane_serv_opr	BOBJ1	34	88	Before	Interior Girder 5	8	0.95	1	1	15.464169
Lane_serv_opr	BOBJ1	34	88	Before	Interior Girder 6	8	0.95	1	1	15.938507
Lane_serv_opr	BOBJ1	34	88	Before	Right Exterior Girder	8	0.95	1	1	14.861262
Lane_serv_opr	BOBJ1	35	88	After	Left Exterior Girder	8	0.95	1	1	14.547598
Lane_serv_opr	BOBJ1	35	88	After	Interior Girder 1	8	0.95	1	1	16.082878
Lane_serv_opr	BOBJ1	35	88	After	Interior Girder 2	8	0.95	1	1	15.574494
Lane_serv_opr	BOBJ1	35	88	After	Interior Girder 3	8	0.95	1	1	15.201483
Lane_serv_opr	BOBJ1	35	88	After	Interior Girder 4	8	0.95	1	1	15.177506
Lane_serv_opr	BOBJ1	35	88	After	Interior Girder 5	8	0.95	1	1	15.531304
Lane_serv_opr	BOBJ1	35	88	After	Interior Girder 6	8	0.95	1	1	16.144686
Lane_serv_opr	BOBJ1	35	88	After	Right Exterior Girder	8	0.95	1	1	14.624468
Lane_serv_opr	BOBJ1	36	91	Before	Interior Girder 1	11	0.95	1	1	20.166912
Lane_serv_opr	BOBJ1	36	91	Before	Interior Girder 2	11	0.95	1	1	19.456103
Lane_serv_opr	BOBJ1	36	91	Before	Interior Girder 3	11	0.95	1	1	19.858621
Lane_serv_opr	BOBJ1	36	91	Before	Interior Girder 4	11	0.95	1	1	19.835927
Lane_serv_opr	BOBJ1	36	91	Before	Interior Girder 5	11	0.95	1	1	19.379493
Lane_serv_opr	BOBJ1	36	91	Before	Interior Girder 6	11	0.95	1	1	20.229832
Lane_serv_opr	BOBJ1	37	91	After	Interior Girder 1	11	0.95	1	1	8.840276
Lane_serv_opr	BOBJ1	37	91	After	Interior Girder 2	11	0.95	1	1	8.689342
Lane_serv_opr	BOBJ1	37	91	After	Interior Girder 3	11	0.95	1	1	8.750468
Lane_serv_opr	BOBJ1	37	91	After	Interior Girder 4	11	0.95	1	1	8.74115
Lane_serv_opr	BOBJ1	37	91	After	Interior Girder 5	11	0.95	1	1	8.656626
Lane_serv_opr	BOBJ1	37	91	After	Interior Girder 6	11	0.95	1	1	8.868593
Lane_serv_opr	BOBJ1	38	96	Before	Left Exterior Girder	16	0.95	1	1	27.340296
Lane_serv_opr	BOBJ1	38	96	Before	Interior Girder 1	16	0.95	1	1	12.889885
Lane_serv_opr	BOBJ1	38	96	Before	Interior Girder 2	16	0.95	1	1	12.691631
Lane_serv_opr	BOBJ1	38	96	Before	Interior Girder 3	16	0.95	1	1	13.741865
Lane_serv_opr	BOBJ1	38	96	Before	Interior Girder 4	16	0.95	1	1	13.729304
Lane_serv_opr	BOBJ1	38	96	Before	Interior Girder 5	16	0.95	1	1	12.658267
Lane_serv_opr	BOBJ1	38	96	Before	Interior Girder 6	16	0.95	1	1	12.902928
Lane_serv_opr	BOBJ1	38	96	Before	Right Exterior Girder	16	0.95	1	1	27.432377
Lane_serv_opr	BOBJ1	39	96	After	Left Exterior Girder	16	0.95	1	1	12.801232
Lane_serv_opr	BOBJ1	39	96	After	Interior Girder 1	16	0.95	1	1	13.127612
Lane_serv_opr	BOBJ1	39	96	After	Interior Girder 2	16	0.95	1	1	12.743226
Lane_serv_opr	BOBJ1	39	96	After	Interior Girder 3	16	0.95	1	1	13.563409
Lane_serv_opr	BOBJ1	39	96	After	Interior Girder 4	16	0.95	1	1	13.5484
Lane_serv_opr	BOBJ1	39	96	After	Interior Girder 5	16	0.95	1	1	12.702335
Lane_serv_opr	BOBJ1	39	96	After	Interior Girder 6	16	0.95	1	1	13.140145
Lane_serv_opr	BOBJ1	39	96	After	Right Exterior Girder	16	0.95	1	1	12.843856
Lane_serv_opr	BOBJ1	40	104	Before	Left Exterior Girder	24	0.95	1	1	17.193303
Lane_serv_opr	BOBJ1	40	104	Before	Interior Girder 1	24	0.95	1	1	16.198648
Lane_serv_opr	BOBJ1	40	104	Before	Interior Girder 2	24	0.95	1	1	17.054826
Lane_serv_opr	BOBJ1	40	104	Before	Interior Girder 3	24	0.95	1	1	18.226555
Lane_serv_opr	BOBJ1	40	104	Before	Interior Girder 4	24	0.95	1	1	18.213475
Lane_serv_opr	BOBJ1	40	104	Before	Interior Girder 5	24	0.95	1	1	17.039789
Lane_serv_opr	BOBJ1	40	104	Before	Interior Girder 6	24	0.95	1	1	16.204481
Lane_serv_opr	BOBJ1	40	104	Before	Right Exterior Girder	24	0.95	1	1	17.237127
Lane_serv_opr	BOBJ1	41	104	After	Left Exterior Girder	24	0.95	1	1	17.219924
Lane_serv_opr	BOBJ1	41	104	After	Interior Girder 1	24	0.95	1	1	16.205707
Lane_serv_opr	BOBJ1	41	104	After	Interior Girder 2	24	0.95	1	1	17.082862
Lane_serv_opr	BOBJ1	41	104	After	Interior Girder 3	24	0.95	1	1	18.183369
Lane_serv_opr	BOBJ1	41	104	After	Interior Girder 4	24	0.95	1	1	18.170579
Lane_serv_opr	BOBJ1	41	104	After	Interior Girder 5	24	0.95	1	1	17.062088
Lane_serv_opr	BOBJ1	41	104	After	Interior Girder 6	24	0.95	1	1	16.212497

TABLE: Bridge Super Rating AASHTORATE18 31 - SteelICompServ-Flx - Approach, Span 4-6										
Request	BridgeObj	BridgeCut	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	Unitless	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Lane_serv_opr	BOBJ1	41	104	After	Right Exterior Girder	24	0.95	1	1	17.261194
Lane_serv_opr	BOBJ1	42	112	Before	Left Exterior Girder	32	0.95	1	1	14.343472
Lane_serv_opr	BOBJ1	42	112	Before	Interior Girder 1	32	0.95	1	1	14.938231
Lane_serv_opr	BOBJ1	42	112	Before	Interior Girder 2	32	0.95	1	1	15.109003
Lane_serv_opr	BOBJ1	42	112	Before	Interior Girder 3	32	0.95	1	1	15.192529
Lane_serv_opr	BOBJ1	42	112	Before	Interior Girder 4	32	0.95	1	1	15.166174
Lane_serv_opr	BOBJ1	42	112	Before	Interior Girder 5	32	0.95	1	1	15.114191
Lane_serv_opr	BOBJ1	42	112	Before	Interior Girder 6	32	0.95	1	1	14.911832
Lane_serv_opr	BOBJ1	42	112	Before	Right Exterior Girder	32	0.95	1	1	14.407847
Lane_serv_opr	BOBJ1	43	112	After	Left Exterior Girder	32	0.95	1	1	14.561642
Lane_serv_opr	BOBJ1	43	112	After	Interior Girder 1	32	0.95	1	1	14.758907
Lane_serv_opr	BOBJ1	43	112	After	Interior Girder 2	32	0.95	1	1	15.081525
Lane_serv_opr	BOBJ1	43	112	After	Interior Girder 3	32	0.95	1	1	15.230895
Lane_serv_opr	BOBJ1	43	112	After	Interior Girder 4	32	0.95	1	1	15.206339
Lane_serv_opr	BOBJ1	43	112	After	Interior Girder 5	32	0.95	1	1	15.086969
Lane_serv_opr	BOBJ1	43	112	After	Interior Girder 6	32	0.95	1	1	14.734333
Lane_serv_opr	BOBJ1	43	112	After	Right Exterior Girder	32	0.95	1	1	14.623267
Lane_serv_opr	BOBJ1	44	120	Before	Left Exterior Girder	40	0.95	1	1	13.329431
Lane_serv_opr	BOBJ1	44	120	Before	Interior Girder 1	40	0.95	1	1	12.987691
Lane_serv_opr	BOBJ1	44	120	Before	Interior Girder 2	40	0.95	1	1	13.282063
Lane_serv_opr	BOBJ1	44	120	Before	Interior Girder 3	40	0.95	1	1	13.601364
Lane_serv_opr	BOBJ1	44	120	Before	Interior Girder 4	40	0.95	1	1	13.581929
Lane_serv_opr	BOBJ1	44	120	Before	Interior Girder 5	40	0.95	1	1	13.217621
Lane_serv_opr	BOBJ1	44	120	Before	Interior Girder 6	40	0.95	1	1	13.01221
Lane_serv_opr	BOBJ1	44	120	Before	Right Exterior Girder	40	0.95	1	1	13.379408
Lane_serv_opr	BOBJ1	45	120	After	Left Exterior Girder	40	0.95	1	1	13.345098
Lane_serv_opr	BOBJ1	45	120	After	Interior Girder 1	40	0.95	1	1	12.974347
Lane_serv_opr	BOBJ1	45	120	After	Interior Girder 2	40	0.95	1	1	13.279325
Lane_serv_opr	BOBJ1	45	120	After	Interior Girder 3	40	0.95	1	1	13.603553
Lane_serv_opr	BOBJ1	45	120	After	Interior Girder 4	40	0.95	1	1	13.584172
Lane_serv_opr	BOBJ1	45	120	After	Interior Girder 5	40	0.95	1	1	13.214933
Lane_serv_opr	BOBJ1	45	120	After	Interior Girder 6	40	0.95	1	1	12.998775
Lane_serv_opr	BOBJ1	45	120	After	Right Exterior Girder	40	0.95	1	1	13.39507
Lane_serv_opr	BOBJ1	46	128	Before	Left Exterior Girder	48	0.95	1	1	14.316194
Lane_serv_opr	BOBJ1	46	128	Before	Interior Girder 1	48	0.95	1	1	14.626455
Lane_serv_opr	BOBJ1	46	128	Before	Interior Girder 2	48	0.95	1	1	14.953542
Lane_serv_opr	BOBJ1	46	128	Before	Interior Girder 3	48	0.95	1	1	15.120191
Lane_serv_opr	BOBJ1	46	128	Before	Interior Girder 4	48	0.95	1	1	15.095852
Lane_serv_opr	BOBJ1	46	128	Before	Interior Girder 5	48	0.95	1	1	14.958791
Lane_serv_opr	BOBJ1	46	128	Before	Interior Girder 6	48	0.95	1	1	14.602304
Lane_serv_opr	BOBJ1	46	128	Before	Right Exterior Girder	48	0.95	1	1	14.376679
Lane_serv_opr	BOBJ1	47	128	After	Left Exterior Girder	48	0.95	1	1	14.136043
Lane_serv_opr	BOBJ1	47	128	After	Interior Girder 1	48	0.95	1	1	14.76828
Lane_serv_opr	BOBJ1	47	128	After	Interior Girder 2	48	0.95	1	1	14.977034
Lane_serv_opr	BOBJ1	47	128	After	Interior Girder 3	48	0.95	1	1	15.087227
Lane_serv_opr	BOBJ1	47	128	After	Interior Girder 4	48	0.95	1	1	15.06107
Lane_serv_opr	BOBJ1	47	128	After	Interior Girder 5	48	0.95	1	1	14.982059
Lane_serv_opr	BOBJ1	47	128	After	Interior Girder 6	48	0.95	1	1	14.742541
Lane_serv_opr	BOBJ1	47	128	After	Right Exterior Girder	48	0.95	1	1	14.199222
Lane_serv_opr	BOBJ1	48	136	Before	Left Exterior Girder	56	0.95	1	1	16.810801
Lane_serv_opr	BOBJ1	48	136	Before	Interior Girder 1	56	0.95	1	1	15.918791
Lane_serv_opr	BOBJ1	48	136	Before	Interior Girder 2	56	0.95	1	1	16.848439
Lane_serv_opr	BOBJ1	48	136	Before	Interior Girder 3	56	0.95	1	1	18.040188
Lane_serv_opr	BOBJ1	48	136	Before	Interior Girder 4	56	0.95	1	1	18.028192
Lane_serv_opr	BOBJ1	48	136	Before	Interior Girder 5	56	0.95	1	1	16.831466
Lane_serv_opr	BOBJ1	48	136	Before	Interior Girder 6	56	0.95	1	1	15.925161
Lane_serv_opr	BOBJ1	48	136	Before	Right Exterior Girder	56	0.95	1	1	16.849755
Lane_serv_opr	BOBJ1	49	136	After	Left Exterior Girder	56	0.95	1	1	16.860026
Lane_serv_opr	BOBJ1	49	136	After	Interior Girder 1	56	0.95	1	1	15.900746
Lane_serv_opr	BOBJ1	49	136	After	Interior Girder 2	56	0.95	1	1	16.816388
Lane_serv_opr	BOBJ1	49	136	After	Interior Girder 3	56	0.95	1	1	18.056713
Lane_serv_opr	BOBJ1	49	136	After	Interior Girder 4	56	0.95	1	1	18.044394
Lane_serv_opr	BOBJ1	49	136	After	Interior Girder 5	56	0.95	1	1	16.804437
Lane_serv_opr	BOBJ1	49	136	After	Interior Girder 6	56	0.95	1	1	15.906307
Lane_serv_opr	BOBJ1	49	136	After	Right Exterior Girder	56	0.95	1	1	16.901645
Lane_serv_opr	BOBJ1	50	144	Before	Left Exterior Girder	64	0.95	1	1	12.782285
Lane_serv_opr	BOBJ1	50	144	Before	Interior Girder 1	64	0.95	1	1	13.033229
Lane_serv_opr	BOBJ1	50	144	Before	Interior Girder 2	64	0.95	1	1	12.744686
Lane_serv_opr	BOBJ1	50	144	Before	Interior Girder 3	64	0.95	1	1	13.641693
Lane_serv_opr	BOBJ1	50	144	Before	Interior Girder 4	64	0.95	1	1	13.627363
Lane_serv_opr	BOBJ1	50	144	Before	Interior Girder 5	64	0.95	1	1	12.706813
Lane_serv_opr	BOBJ1	50	144	Before	Interior Girder 6	64	0.95	1	1	13.043457
Lane_serv_opr	BOBJ1	50	144	Before	Right Exterior Girder	64	0.95	1	1	12.821392

TABLE: Bridge Super Rating AASHTORATE18 31 - SteelICompServ-Flx - Approach, Span 4-6										
Request	BridgeObj	BridgeCut	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	Unitless	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Lane_serv_opr	BOBJ1	51	144	After	Left Exterior Girder	64	0.95	1	1	25.19833
Lane_serv_opr	BOBJ1	51	144	After	Interior Girder 1	64	0.95	1	1	12.774538
Lane_serv_opr	BOBJ1	51	144	After	Interior Girder 2	64	0.95	1	1	12.687877
Lane_serv_opr	BOBJ1	51	144	After	Interior Girder 3	64	0.95	1	1	13.81618
Lane_serv_opr	BOBJ1	51	144	After	Interior Girder 4	64	0.95	1	1	13.803569
Lane_serv_opr	BOBJ1	51	144	After	Interior Girder 5	64	0.95	1	1	12.655847
Lane_serv_opr	BOBJ1	51	144	After	Interior Girder 6	64	0.95	1	1	12.785497
Lane_serv_opr	BOBJ1	51	144	After	Right Exterior Girder	64	0.95	1	1	25.277133
Lane_serv_opr	BOBJ1	52	150	Before	Interior Girder 1	70	0.95	1	1	8.112574
Lane_serv_opr	BOBJ1	52	150	Before	Interior Girder 2	70	0.95	1	1	8.014105
Lane_serv_opr	BOBJ1	52	150	Before	Interior Girder 3	70	0.95	1	1	8.065885
Lane_serv_opr	BOBJ1	52	150	Before	Interior Girder 4	70	0.95	1	1	8.058133
Lane_serv_opr	BOBJ1	52	150	Before	Interior Girder 5	70	0.95	1	1	7.99538
Lane_serv_opr	BOBJ1	52	150	Before	Interior Girder 6	70	0.95	1	1	8.138289
Lane_serv_opr	BOBJ1	53	150	After	Interior Girder 1	70	0.95	1	1	17.853361
Lane_serv_opr	BOBJ1	53	150	After	Interior Girder 2	70	0.95	1	1	17.131554
Lane_serv_opr	BOBJ1	53	150	After	Interior Girder 3	70	0.95	1	1	17.463059
Lane_serv_opr	BOBJ1	53	150	After	Interior Girder 4	70	0.95	1	1	17.44278
Lane_serv_opr	BOBJ1	53	150	After	Interior Girder 5	70	0.95	1	1	17.084521
Lane_serv_opr	BOBJ1	53	150	After	Interior Girder 6	70	0.95	1	1	17.908747
Lane_serv_opr	BOBJ1	54	152	Before	Left Exterior Girder	72	0.95	1	1	13.58856
Lane_serv_opr	BOBJ1	54	152	Before	Interior Girder 1	72	0.95	1	1	15.19391
Lane_serv_opr	BOBJ1	54	152	Before	Interior Girder 2	72	0.95	1	1	14.734202
Lane_serv_opr	BOBJ1	54	152	Before	Interior Girder 3	72	0.95	1	1	14.624788
Lane_serv_opr	BOBJ1	54	152	Before	Interior Girder 4	72	0.95	1	1	14.609661
Lane_serv_opr	BOBJ1	54	152	Before	Interior Girder 5	72	0.95	1	1	14.702411
Lane_serv_opr	BOBJ1	54	152	Before	Interior Girder 6	72	0.95	1	1	15.2478
Lane_serv_opr	BOBJ1	54	152	Before	Right Exterior Girder	72	0.95	1	1	13.659936
Lane_serv_opr	BOBJ1	55	152	After	Left Exterior Girder	72	0.95	1	1	13.933302
Lane_serv_opr	BOBJ1	55	152	After	Interior Girder 1	72	0.95	1	1	14.960055
Lane_serv_opr	BOBJ1	55	152	After	Interior Girder 2	72	0.95	1	1	14.666491
Lane_serv_opr	BOBJ1	55	152	After	Interior Girder 3	72	0.95	1	1	14.704663
Lane_serv_opr	BOBJ1	55	152	After	Interior Girder 4	72	0.95	1	1	14.694468
Lane_serv_opr	BOBJ1	55	152	After	Interior Girder 5	72	0.95	1	1	14.636295
Lane_serv_opr	BOBJ1	55	152	After	Interior Girder 6	72	0.95	1	1	15.021099
Lane_serv_opr	BOBJ1	55	152	After	Right Exterior Girder	72	0.95	1	1	14.004232
Lane_serv_opr	BOBJ1	56	154	Before	Left Exterior Girder	74	0.95	1	1	11.196136
Lane_serv_opr	BOBJ1	56	154	Before	Right Exterior Girder	74	0.95	1	1	11.251402
Lane_serv_opr	BOBJ1	57	154	After	Left Exterior Girder	74	0.95	1	1	17.296208
Lane_serv_opr	BOBJ1	57	154	After	Right Exterior Girder	74	0.95	1	1	17.38125
Lane_serv_opr	BOBJ1	58	160	Before	Left Exterior Girder	80	0.95	1	1	10.209469
Lane_serv_opr	BOBJ1	58	160	Before	Interior Girder 1	80	0.95	1	1	7.473518
Lane_serv_opr	BOBJ1	58	160	Before	Interior Girder 2	80	0.95	1	1	7.562511
Lane_serv_opr	BOBJ1	58	160	Before	Interior Girder 3	80	0.95	1	1	6.692098
Lane_serv_opr	BOBJ1	58	160	Before	Interior Girder 4	80	0.95	1	1	6.680057
Lane_serv_opr	BOBJ1	58	160	Before	Interior Girder 5	80	0.95	1	1	7.517328
Lane_serv_opr	BOBJ1	58	160	Before	Interior Girder 6	80	0.95	1	1	7.514689
Lane_serv_opr	BOBJ1	58	160	Before	Right Exterior Girder	80	0.95	1	1	10.260095
Lane_serv_opr	BOBJ1	59	160	After	Left Exterior Girder	0	0.95	1	1	10.08629
Lane_serv_opr	BOBJ1	59	160	After	Interior Girder 1	0	0.95	1	1	7.41687
Lane_serv_opr	BOBJ1	59	160	After	Interior Girder 2	0	0.95	1	1	7.578175
Lane_serv_opr	BOBJ1	59	160	After	Interior Girder 3	0	0.95	1	1	6.642117
Lane_serv_opr	BOBJ1	59	160	After	Interior Girder 4	0	0.95	1	1	6.63011
Lane_serv_opr	BOBJ1	59	160	After	Interior Girder 5	0	0.95	1	1	7.533026
Lane_serv_opr	BOBJ1	59	160	After	Interior Girder 6	0	0.95	1	1	7.458858
Lane_serv_opr	BOBJ1	59	160	After	Right Exterior Girder	0	0.95	1	1	10.136291
Lane_serv_opr	BOBJ1	60	166	Before	Left Exterior Girder	6	0.95	1	1	18.411993
Lane_serv_opr	BOBJ1	60	166	Before	Right Exterior Girder	6	0.95	1	1	18.504826
Lane_serv_opr	BOBJ1	61	166	After	Left Exterior Girder	6	0.95	1	1	12.004585
Lane_serv_opr	BOBJ1	61	166	After	Right Exterior Girder	6	0.95	1	1	12.065433
Lane_serv_opr	BOBJ1	62	168	Before	Left Exterior Girder	8	0.95	1	1	15.418119
Lane_serv_opr	BOBJ1	62	168	Before	Interior Girder 1	8	0.95	1	1	16.339068
Lane_serv_opr	BOBJ1	62	168	Before	Interior Girder 2	8	0.95	1	1	16.175946
Lane_serv_opr	BOBJ1	62	168	Before	Interior Girder 3	8	0.95	1	1	16.044933
Lane_serv_opr	BOBJ1	62	168	Before	Interior Girder 4	8	0.95	1	1	16.023295
Lane_serv_opr	BOBJ1	62	168	Before	Interior Girder 5	8	0.95	1	1	16.107739
Lane_serv_opr	BOBJ1	62	168	Before	Interior Girder 6	8	0.95	1	1	16.390172
Lane_serv_opr	BOBJ1	62	168	Before	Right Exterior Girder	8	0.95	1	1	15.501426
Lane_serv_opr	BOBJ1	63	168	After	Left Exterior Girder	8	0.95	1	1	14.939362
Lane_serv_opr	BOBJ1	63	168	After	Interior Girder 1	8	0.95	1	1	16.76335
Lane_serv_opr	BOBJ1	63	168	After	Interior Girder 2	8	0.95	1	1	16.22961
Lane_serv_opr	BOBJ1	63	168	After	Interior Girder 3	8	0.95	1	1	15.921127
Lane_serv_opr	BOBJ1	63	168	After	Interior Girder 4	8	0.95	1	1	15.895288

TABLE: Bridge Super Rating AASHTORATE18 31 - SteelICompServ-Flx - Approach, Span 4-6										
Request	BridgeObj	BridgeCut	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	Unitless	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Lane_serv_opr	BOBJ1	63	168	After	Interior Girder 5	8	0.95	1	1	16.171661
Lane_serv_opr	BOBJ1	63	168	After	Interior Girder 6	8	0.95	1	1	16.810308
Lane_serv_opr	BOBJ1	63	168	After	Right Exterior Girder	8	0.95	1	1	15.02376
Lane_serv_opr	BOBJ1	64	170	Before	Interior Girder 1	10	0.95	1	1	20.26432
Lane_serv_opr	BOBJ1	64	170	Before	Interior Girder 2	10	0.95	1	1	19.341059
Lane_serv_opr	BOBJ1	64	170	Before	Interior Girder 3	10	0.95	1	1	19.636737
Lane_serv_opr	BOBJ1	64	170	Before	Interior Girder 4	10	0.95	1	1	19.602468
Lane_serv_opr	BOBJ1	64	170	Before	Interior Girder 5	10	0.95	1	1	19.256792
Lane_serv_opr	BOBJ1	64	170	Before	Interior Girder 6	10	0.95	1	1	20.327904
Lane_serv_opr	BOBJ1	65	170	After	Interior Girder 1	10	0.95	1	1	9.784608
Lane_serv_opr	BOBJ1	65	170	After	Interior Girder 2	10	0.95	1	1	9.630284
Lane_serv_opr	BOBJ1	65	170	After	Interior Girder 3	10	0.95	1	1	9.574422
Lane_serv_opr	BOBJ1	65	170	After	Interior Girder 4	10	0.95	1	1	9.549955
Lane_serv_opr	BOBJ1	65	170	After	Interior Girder 5	10	0.95	1	1	9.581805
Lane_serv_opr	BOBJ1	65	170	After	Interior Girder 6	10	0.95	1	1	9.816507
Lane_serv_opr	BOBJ1	66	176	Before	Left Exterior Girder	16	0.95	1	1	27.017992
Lane_serv_opr	BOBJ1	66	176	Before	Interior Girder 1	16	0.95	1	1	16.158993
Lane_serv_opr	BOBJ1	66	176	Before	Interior Girder 2	16	0.95	1	1	15.820645
Lane_serv_opr	BOBJ1	66	176	Before	Interior Girder 3	16	0.95	1	1	17.037706
Lane_serv_opr	BOBJ1	66	176	Before	Interior Girder 4	16	0.95	1	1	17.017694
Lane_serv_opr	BOBJ1	66	176	Before	Interior Girder 5	16	0.95	1	1	15.773874
Lane_serv_opr	BOBJ1	66	176	Before	Interior Girder 6	16	0.95	1	1	16.171675
Lane_serv_opr	BOBJ1	66	176	Before	Right Exterior Girder	16	0.95	1	1	27.120613
Lane_serv_opr	BOBJ1	67	176	After	Left Exterior Girder	16	0.95	1	1	26.70433
Lane_serv_opr	BOBJ1	67	176	After	Interior Girder 1	16	0.95	1	1	16.403684
Lane_serv_opr	BOBJ1	67	176	After	Interior Girder 2	16	0.95	1	1	15.954541
Lane_serv_opr	BOBJ1	67	176	After	Interior Girder 3	16	0.95	1	1	16.942909
Lane_serv_opr	BOBJ1	67	176	After	Interior Girder 4	16	0.95	1	1	16.920903
Lane_serv_opr	BOBJ1	67	176	After	Interior Girder 5	16	0.95	1	1	15.899108
Lane_serv_opr	BOBJ1	67	176	After	Interior Girder 6	16	0.95	1	1	16.416636
Lane_serv_opr	BOBJ1	67	176	After	Right Exterior Girder	16	0.95	1	1	26.803584
Lane_serv_opr	BOBJ1	68	181	Before	Interior Girder 1	21	0.95	1	1	14.221138
Lane_serv_opr	BOBJ1	68	181	Before	Interior Girder 2	21	0.95	1	1	14.372746
Lane_serv_opr	BOBJ1	68	181	Before	Interior Girder 3	21	0.95	1	1	14.602237
Lane_serv_opr	BOBJ1	68	181	Before	Interior Girder 4	21	0.95	1	1	14.584137
Lane_serv_opr	BOBJ1	68	181	Before	Interior Girder 5	21	0.95	1	1	14.292957
Lane_serv_opr	BOBJ1	68	181	Before	Interior Girder 6	21	0.95	1	1	14.258865
Lane_serv_opr	BOBJ1	69	181	After	Interior Girder 1	21	0.95	1	1	22.630717
Lane_serv_opr	BOBJ1	69	181	After	Interior Girder 2	21	0.95	1	1	22.777089
Lane_serv_opr	BOBJ1	69	181	After	Interior Girder 3	21	0.95	1	1	23.567843
Lane_serv_opr	BOBJ1	69	181	After	Interior Girder 4	21	0.95	1	1	23.536924
Lane_serv_opr	BOBJ1	69	181	After	Interior Girder 5	21	0.95	1	1	22.653687
Lane_serv_opr	BOBJ1	69	181	After	Interior Girder 6	21	0.95	1	1	22.692546
Lane_serv_opr	BOBJ1	70	184	Before	Left Exterior Girder	24	0.95	1	1	17.322241
Lane_serv_opr	BOBJ1	70	184	Before	Interior Girder 1	24	0.95	1	1	18.448799
Lane_serv_opr	BOBJ1	70	184	Before	Interior Girder 2	24	0.95	1	1	18.743539
Lane_serv_opr	BOBJ1	70	184	Before	Interior Girder 3	24	0.95	1	1	19.316603
Lane_serv_opr	BOBJ1	70	184	Before	Interior Girder 4	24	0.95	1	1	19.291312
Lane_serv_opr	BOBJ1	70	184	Before	Interior Girder 5	24	0.95	1	1	18.643754
Lane_serv_opr	BOBJ1	70	184	Before	Interior Girder 6	24	0.95	1	1	18.495966
Lane_serv_opr	BOBJ1	70	184	Before	Right Exterior Girder	24	0.95	1	1	17.378429
Lane_serv_opr	BOBJ1	71	184	After	Left Exterior Girder	24	0.95	1	1	17.414737
Lane_serv_opr	BOBJ1	71	184	After	Interior Girder 1	24	0.95	1	1	18.170702
Lane_serv_opr	BOBJ1	71	184	After	Interior Girder 2	24	0.95	1	1	18.772785
Lane_serv_opr	BOBJ1	71	184	After	Interior Girder 3	24	0.95	1	1	19.394597
Lane_serv_opr	BOBJ1	71	184	After	Interior Girder 4	24	0.95	1	1	19.375625
Lane_serv_opr	BOBJ1	71	184	After	Interior Girder 5	24	0.95	1	1	18.678748
Lane_serv_opr	BOBJ1	71	184	After	Interior Girder 6	24	0.95	1	1	18.216864
Lane_serv_opr	BOBJ1	71	184	After	Right Exterior Girder	24	0.95	1	1	17.463724
Lane_serv_opr	BOBJ1	72	192	Before	Left Exterior Girder	32	0.95	1	1	12.947298
Lane_serv_opr	BOBJ1	72	192	Before	Interior Girder 1	32	0.95	1	1	12.93164
Lane_serv_opr	BOBJ1	72	192	Before	Interior Girder 2	32	0.95	1	1	13.491683
Lane_serv_opr	BOBJ1	72	192	Before	Interior Girder 3	32	0.95	1	1	13.70782
Lane_serv_opr	BOBJ1	72	192	Before	Interior Girder 4	32	0.95	1	1	13.689479
Lane_serv_opr	BOBJ1	72	192	Before	Interior Girder 5	32	0.95	1	1	13.492865
Lane_serv_opr	BOBJ1	72	192	Before	Interior Girder 6	32	0.95	1	1	12.917997
Lane_serv_opr	BOBJ1	72	192	Before	Right Exterior Girder	32	0.95	1	1	12.994707
Lane_serv_opr	BOBJ1	73	192	After	Left Exterior Girder	32	0.95	1	1	13.015264
Lane_serv_opr	BOBJ1	73	192	After	Interior Girder 1	32	0.95	1	1	12.776919
Lane_serv_opr	BOBJ1	73	192	After	Interior Girder 2	32	0.95	1	1	13.461817
Lane_serv_opr	BOBJ1	73	192	After	Interior Girder 3	32	0.95	1	1	13.71767
Lane_serv_opr	BOBJ1	73	192	After	Interior Girder 4	32	0.95	1	1	13.700674
Lane_serv_opr	BOBJ1	73	192	After	Interior Girder 5	32	0.95	1	1	13.462825

TABLE: Bridge Super Rating AASHTORATE18 31 - SteelICompServ-Flx - Approach, Span 4-6										
Request	BridgeObj	BridgeCut	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	Unitless	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Lane_serv_opr	BOBJ1	73	192	After	Interior Girder 6	32	0.95	1	1	12.764838
Lane_serv_opr	BOBJ1	73	192	After	Right Exterior Girder	32	0.95	1	1	13.059876
Lane_serv_opr	BOBJ1	74	200	Before	Left Exterior Girder	40	0.95	1	1	11.349916
Lane_serv_opr	BOBJ1	74	200	Before	Interior Girder 1	40	0.95	1	1	10.597971
Lane_serv_opr	BOBJ1	74	200	Before	Interior Girder 2	40	0.95	1	1	11.176384
Lane_serv_opr	BOBJ1	74	200	Before	Interior Girder 3	40	0.95	1	1	11.56061
Lane_serv_opr	BOBJ1	74	200	Before	Interior Girder 4	40	0.95	1	1	11.548917
Lane_serv_opr	BOBJ1	74	200	Before	Interior Girder 5	40	0.95	1	1	11.136243
Lane_serv_opr	BOBJ1	74	200	Before	Interior Girder 6	40	0.95	1	1	10.613721
Lane_serv_opr	BOBJ1	74	200	Before	Right Exterior Girder	40	0.95	1	1	11.384899
Lane_serv_opr	BOBJ1	75	200	After	Left Exterior Girder	40	0.95	1	1	11.413627
Lane_serv_opr	BOBJ1	75	200	After	Interior Girder 1	40	0.95	1	1	10.550428
Lane_serv_opr	BOBJ1	75	200	After	Interior Girder 2	40	0.95	1	1	11.162908
Lane_serv_opr	BOBJ1	75	200	After	Interior Girder 3	40	0.95	1	1	11.556026
Lane_serv_opr	BOBJ1	75	200	After	Interior Girder 4	40	0.95	1	1	11.54434
Lane_serv_opr	BOBJ1	75	200	After	Interior Girder 5	40	0.95	1	1	11.122477
Lane_serv_opr	BOBJ1	75	200	After	Interior Girder 6	40	0.95	1	1	10.566372
Lane_serv_opr	BOBJ1	75	200	After	Right Exterior Girder	40	0.95	1	1	11.448209
Lane_serv_opr	BOBJ1	76	208	Before	Left Exterior Girder	48	0.95	1	1	10.926556
Lane_serv_opr	BOBJ1	76	208	Before	Interior Girder 1	48	0.95	1	1	10.392616
Lane_serv_opr	BOBJ1	76	208	Before	Interior Girder 2	48	0.95	1	1	11.034436
Lane_serv_opr	BOBJ1	76	208	Before	Interior Girder 3	48	0.95	1	1	11.398894
Lane_serv_opr	BOBJ1	76	208	Before	Interior Girder 4	48	0.95	1	1	11.385304
Lane_serv_opr	BOBJ1	76	208	Before	Interior Girder 5	48	0.95	1	1	11.033381
Lane_serv_opr	BOBJ1	76	208	Before	Interior Girder 6	48	0.95	1	1	10.384402
Lane_serv_opr	BOBJ1	76	208	Before	Right Exterior Girder	48	0.95	1	1	10.962497
Lane_serv_opr	BOBJ1	77	208	After	Left Exterior Girder	48	0.95	1	1	10.865749
Lane_serv_opr	BOBJ1	77	208	After	Interior Girder 1	48	0.95	1	1	10.426379
Lane_serv_opr	BOBJ1	77	208	After	Interior Girder 2	48	0.95	1	1	11.038566
Lane_serv_opr	BOBJ1	77	208	After	Interior Girder 3	48	0.95	1	1	11.385
Lane_serv_opr	BOBJ1	77	208	After	Interior Girder 4	48	0.95	1	1	11.370549
Lane_serv_opr	BOBJ1	77	208	After	Interior Girder 5	48	0.95	1	1	11.036807
Lane_serv_opr	BOBJ1	77	208	After	Interior Girder 6	48	0.95	1	1	10.417566
Lane_serv_opr	BOBJ1	77	208	After	Right Exterior Girder	48	0.95	1	1	10.903061
Lane_serv_opr	BOBJ1	78	216	Before	Left Exterior Girder	56	0.95	1	1	13.128989
Lane_serv_opr	BOBJ1	78	216	Before	Interior Girder 1	56	0.95	1	1	11.768225
Lane_serv_opr	BOBJ1	78	216	Before	Interior Girder 2	56	0.95	1	1	12.446399
Lane_serv_opr	BOBJ1	78	216	Before	Interior Girder 3	56	0.95	1	1	12.979502
Lane_serv_opr	BOBJ1	78	216	Before	Interior Girder 4	56	0.95	1	1	12.967262
Lane_serv_opr	BOBJ1	78	216	Before	Interior Girder 5	56	0.95	1	1	12.390809
Lane_serv_opr	BOBJ1	78	216	Before	Interior Girder 6	56	0.95	1	1	11.79277
Lane_serv_opr	BOBJ1	78	216	Before	Right Exterior Girder	56	0.95	1	1	13.166867
Lane_serv_opr	BOBJ1	79	216	After	Left Exterior Girder	56	0.95	1	1	12.920412
Lane_serv_opr	BOBJ1	79	216	After	Interior Girder 1	56	0.95	1	1	11.912039
Lane_serv_opr	BOBJ1	79	216	After	Interior Girder 2	56	0.95	1	1	12.461266
Lane_serv_opr	BOBJ1	79	216	After	Interior Girder 3	56	0.95	1	1	12.928521
Lane_serv_opr	BOBJ1	79	216	After	Interior Girder 4	56	0.95	1	1	12.914051
Lane_serv_opr	BOBJ1	79	216	After	Interior Girder 5	56	0.95	1	1	12.402077
Lane_serv_opr	BOBJ1	79	216	After	Interior Girder 6	56	0.95	1	1	11.93685
Lane_serv_opr	BOBJ1	79	216	After	Right Exterior Girder	56	0.95	1	1	12.962458
Lane_serv_opr	BOBJ1	80	224	Before	Left Exterior Girder	64	0.95	1	1	17.928532
Lane_serv_opr	BOBJ1	80	224	Before	Interior Girder 1	64	0.95	1	1	16.704641
Lane_serv_opr	BOBJ1	80	224	Before	Interior Girder 2	64	0.95	1	1	17.485066
Lane_serv_opr	BOBJ1	80	224	Before	Interior Girder 3	64	0.95	1	1	18.01599
Lane_serv_opr	BOBJ1	80	224	Before	Interior Girder 4	64	0.95	1	1	17.993555
Lane_serv_opr	BOBJ1	80	224	Before	Interior Girder 5	64	0.95	1	1	17.463727
Lane_serv_opr	BOBJ1	80	224	Before	Interior Girder 6	64	0.95	1	1	16.700798
Lane_serv_opr	BOBJ1	80	224	Before	Right Exterior Girder	64	0.95	1	1	17.989553
Lane_serv_opr	BOBJ1	81	224	After	Left Exterior Girder	64	0.95	1	1	17.689167
Lane_serv_opr	BOBJ1	81	224	After	Interior Girder 1	64	0.95	1	1	17.107853
Lane_serv_opr	BOBJ1	81	224	After	Interior Girder 2	64	0.95	1	1	17.526186
Lane_serv_opr	BOBJ1	81	224	After	Interior Girder 3	64	0.95	1	1	17.866716
Lane_serv_opr	BOBJ1	81	224	After	Interior Girder 4	64	0.95	1	1	17.84114
Lane_serv_opr	BOBJ1	81	224	After	Interior Girder 5	64	0.95	1	1	17.488966
Lane_serv_opr	BOBJ1	81	224	After	Interior Girder 6	64	0.95	1	1	17.1091
Lane_serv_opr	BOBJ1	81	224	After	Right Exterior Girder	64	0.95	1	1	17.757214
Lane_serv_opr	BOBJ1	82	232	Before	Left Exterior Girder	72	0.95	1	1	34.432365
Lane_serv_opr	BOBJ1	82	232	Before	Interior Girder 1	72	0.95	1	1	32.835546
Lane_serv_opr	BOBJ1	82	232	Before	Interior Girder 2	72	0.95	1	1	34.056976
Lane_serv_opr	BOBJ1	82	232	Before	Interior Girder 3	72	0.95	1	1	36.289969
Lane_serv_opr	BOBJ1	82	232	Before	Interior Girder 4	72	0.95	1	1	36.257928
Lane_serv_opr	BOBJ1	82	232	Before	Interior Girder 5	72	0.95	1	1	33.8533
Lane_serv_opr	BOBJ1	82	232	Before	Interior Girder 6	72	0.95	1	1	32.947016

TABLE: Bridge Super Rating AASHTORATE18 31 - SteelICompServ-Flx - Approach, Span 4-6										
Request	BridgeObj	BridgeCut	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	Unitless	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Lane_serv_opr	BOBJ1	82	232	Before	Right Exterior Girder	72	0.95	1	1	34.530078
Lane_serv_opr	BOBJ1	83	232	After	Left Exterior Girder	72	0.95	1	1	34.126051
Lane_serv_opr	BOBJ1	83	232	After	Interior Girder 1	72	0.95	1	1	33.879887
Lane_serv_opr	BOBJ1	83	232	After	Interior Girder 2	72	0.95	1	1	33.980012
Lane_serv_opr	BOBJ1	83	232	After	Interior Girder 3	72	0.95	1	1	35.546936
Lane_serv_opr	BOBJ1	83	232	After	Interior Girder 4	72	0.95	1	1	35.519121
Lane_serv_opr	BOBJ1	83	232	After	Interior Girder 5	72	0.95	1	1	33.678387
Lane_serv_opr	BOBJ1	83	232	After	Interior Girder 6	72	0.95	1	1	34.046833
Lane_serv_opr	BOBJ1	83	232	After	Right Exterior Girder	72	0.95	1	1	34.226572
Lane_serv_opr	BOBJ1	84	240	Before	Left Exterior Girder	80	0.95	1	1	273.843194
Lane_serv_opr	BOBJ1	84	240	Before	Interior Girder 1	80	0.95	1	1	201.942409
Lane_serv_opr	BOBJ1	84	240	Before	Interior Girder 2	80	0.95	1	1	199.656387
Lane_serv_opr	BOBJ1	84	240	Before	Interior Girder 3	80	0.95	1	1	128.253601
Lane_serv_opr	BOBJ1	84	240	Before	Interior Girder 4	80	0.95	1	1	128.142378
Lane_serv_opr	BOBJ1	84	240	Before	Interior Girder 5	80	0.95	1	1	184.29588
Lane_serv_opr	BOBJ1	84	240	Before	Interior Girder 6	80	0.95	1	1	201.942409
Lane_serv_opr	BOBJ1	84	240	Before	Right Exterior Girder	80	0.95	1	1	274.462851
Lane_serv_inv	BOBJ1	1	0	After	Left Exterior Girder	0	0.95	1	1	1657.798958
Lane_serv_inv	BOBJ1	1	0	After	Interior Girder 1	0	0.95	1	1	1721.686133
Lane_serv_inv	BOBJ1	1	0	After	Interior Girder 2	0	0.95	1	1	1825.394517
Lane_serv_inv	BOBJ1	1	0	After	Interior Girder 3	0	0.95	1	1	1104.200881
Lane_serv_inv	BOBJ1	1	0	After	Interior Girder 4	0	0.95	1	1	1096.261207
Lane_serv_inv	BOBJ1	1	0	After	Interior Girder 5	0	0.95	1	1	1760.282413
Lane_serv_inv	BOBJ1	1	0	After	Interior Girder 6	0	0.95	1	1	1710.884315
Lane_serv_inv	BOBJ1	1	0	After	Right Exterior Girder	0	0.95	1	1	1657.798953
Lane_serv_inv	BOBJ1	2	8	Before	Left Exterior Girder	8	0.95	1	1	25.445012
Lane_serv_inv	BOBJ1	2	8	Before	Interior Girder 1	8	0.95	1	1	26.757228
Lane_serv_inv	BOBJ1	2	8	Before	Interior Girder 2	8	0.95	1	1	27.144395
Lane_serv_inv	BOBJ1	2	8	Before	Interior Girder 3	8	0.95	1	1	26.997866
Lane_serv_inv	BOBJ1	2	8	Before	Interior Girder 4	8	0.95	1	1	26.963431
Lane_serv_inv	BOBJ1	2	8	Before	Interior Girder 5	8	0.95	1	1	26.787141
Lane_serv_inv	BOBJ1	2	8	Before	Interior Girder 6	8	0.95	1	1	26.985838
Lane_serv_inv	BOBJ1	2	8	Before	Right Exterior Girder	8	0.95	1	1	25.539366
Lane_serv_inv	BOBJ1	3	8	After	Left Exterior Girder	8	0.95	1	1	25.682524
Lane_serv_inv	BOBJ1	3	8	After	Interior Girder 1	8	0.95	1	1	26.124656
Lane_serv_inv	BOBJ1	3	8	After	Interior Girder 2	8	0.95	1	1	27.363102
Lane_serv_inv	BOBJ1	3	8	After	Interior Girder 3	8	0.95	1	1	28.291419
Lane_serv_inv	BOBJ1	3	8	After	Interior Girder 4	8	0.95	1	1	28.262989
Lane_serv_inv	BOBJ1	3	8	After	Interior Girder 5	8	0.95	1	1	27.034605
Lane_serv_inv	BOBJ1	3	8	After	Interior Girder 6	8	0.95	1	1	26.325021
Lane_serv_inv	BOBJ1	3	8	After	Right Exterior Girder	8	0.95	1	1	25.76166
Lane_serv_inv	BOBJ1	4	16	Before	Left Exterior Girder	16	0.95	1	1	13.111293
Lane_serv_inv	BOBJ1	4	16	Before	Interior Girder 1	16	0.95	1	1	14.368103
Lane_serv_inv	BOBJ1	4	16	Before	Interior Girder 2	16	0.95	1	1	14.461408
Lane_serv_inv	BOBJ1	4	16	Before	Interior Girder 3	16	0.95	1	1	14.599312
Lane_serv_inv	BOBJ1	4	16	Before	Interior Girder 4	16	0.95	1	1	14.573028
Lane_serv_inv	BOBJ1	4	16	Before	Interior Girder 5	16	0.95	1	1	14.423647
Lane_serv_inv	BOBJ1	4	16	Before	Interior Girder 6	16	0.95	1	1	14.370545
Lane_serv_inv	BOBJ1	4	16	Before	Right Exterior Girder	16	0.95	1	1	13.169617
Lane_serv_inv	BOBJ1	5	16	After	Left Exterior Girder	16	0.95	1	1	13.257085
Lane_serv_inv	BOBJ1	5	16	After	Interior Girder 1	16	0.95	1	1	14.035275
Lane_serv_inv	BOBJ1	5	16	After	Interior Girder 2	16	0.95	1	1	14.462476
Lane_serv_inv	BOBJ1	5	16	After	Interior Girder 3	16	0.95	1	1	14.711937
Lane_serv_inv	BOBJ1	5	16	After	Interior Girder 4	16	0.95	1	1	14.688958
Lane_serv_inv	BOBJ1	5	16	After	Interior Girder 5	16	0.95	1	1	14.429707
Lane_serv_inv	BOBJ1	5	16	After	Interior Girder 6	16	0.95	1	1	14.037599
Lane_serv_inv	BOBJ1	5	16	After	Right Exterior Girder	16	0.95	1	1	13.310712
Lane_serv_inv	BOBJ1	6	20.5	Before	Left Exterior Girder	20.5	0.95	1	1	10.952389
Lane_serv_inv	BOBJ1	6	20.5	Before	Right Exterior Girder	20.5	0.95	1	1	10.993624
Lane_serv_inv	BOBJ1	7	20.5	After	Left Exterior Girder	20.5	0.95	1	1	13.111148
Lane_serv_inv	BOBJ1	7	20.5	After	Right Exterior Girder	20.5	0.95	1	1	13.158675
Lane_serv_inv	BOBJ1	8	24	Before	Left Exterior Girder	24	0.95	1	1	11.801059
Lane_serv_inv	BOBJ1	8	24	Before	Interior Girder 1	24	0.95	1	1	10.151276
Lane_serv_inv	BOBJ1	8	24	Before	Interior Girder 2	24	0.95	1	1	10.427544
Lane_serv_inv	BOBJ1	8	24	Before	Interior Girder 3	24	0.95	1	1	10.720284
Lane_serv_inv	BOBJ1	8	24	Before	Interior Girder 4	24	0.95	1	1	10.706759
Lane_serv_inv	BOBJ1	8	24	Before	Interior Girder 5	24	0.95	1	1	10.376936
Lane_serv_inv	BOBJ1	8	24	Before	Interior Girder 6	24	0.95	1	1	10.172508
Lane_serv_inv	BOBJ1	8	24	Before	Right Exterior Girder	24	0.95	1	1	11.842852
Lane_serv_inv	BOBJ1	9	24	After	Left Exterior Girder	24	0.95	1	1	11.774512
Lane_serv_inv	BOBJ1	9	24	After	Interior Girder 1	24	0.95	1	1	10.132895
Lane_serv_inv	BOBJ1	9	24	After	Interior Girder 2	24	0.95	1	1	10.429949
Lane_serv_inv	BOBJ1	9	24	After	Interior Girder 3	24	0.95	1	1	10.749888

TABLE: Bridge Super Rating AASHTORATE18 31 - SteelICompServ-Flx - Approach, Span 4-6										
Request	BridgeObj	BridgeCut	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	Unitless	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Lane_serv_inv	BOBJ1	9	24	After	Interior Girder 4	24	0.95	1	1	10.738053
Lane_serv_inv	BOBJ1	9	24	After	Interior Girder 5	24	0.95	1	1	10.379352
Lane_serv_inv	BOBJ1	9	24	After	Interior Girder 6	24	0.95	1	1	10.155433
Lane_serv_inv	BOBJ1	9	24	After	Right Exterior Girder	24	0.95	1	1	11.812739
Lane_serv_inv	BOBJ1	10	32	Before	Left Exterior Girder	32	0.95	1	1	9.905176
Lane_serv_inv	BOBJ1	10	32	Before	Interior Girder 1	32	0.95	1	1	9.162827
Lane_serv_inv	BOBJ1	10	32	Before	Interior Girder 2	32	0.95	1	1	9.2962
Lane_serv_inv	BOBJ1	10	32	Before	Interior Girder 3	32	0.95	1	1	9.490992
Lane_serv_inv	BOBJ1	10	32	Before	Interior Girder 4	32	0.95	1	1	9.478646
Lane_serv_inv	BOBJ1	10	32	Before	Interior Girder 5	32	0.95	1	1	9.295117
Lane_serv_inv	BOBJ1	10	32	Before	Interior Girder 6	32	0.95	1	1	9.153432
Lane_serv_inv	BOBJ1	10	32	Before	Right Exterior Girder	32	0.95	1	1	9.940936
Lane_serv_inv	BOBJ1	11	32	After	Left Exterior Girder	32	0.95	1	1	9.955721
Lane_serv_inv	BOBJ1	11	32	After	Interior Girder 1	32	0.95	1	1	9.137026
Lane_serv_inv	BOBJ1	11	32	After	Interior Girder 2	32	0.95	1	1	9.283307
Lane_serv_inv	BOBJ1	11	32	After	Interior Girder 3	32	0.95	1	1	9.486404
Lane_serv_inv	BOBJ1	11	32	After	Interior Girder 4	32	0.95	1	1	9.4745
Lane_serv_inv	BOBJ1	11	32	After	Interior Girder 5	32	0.95	1	1	9.281513
Lane_serv_inv	BOBJ1	11	32	After	Interior Girder 6	32	0.95	1	1	9.128865
Lane_serv_inv	BOBJ1	11	32	After	Right Exterior Girder	32	0.95	1	1	9.990601
Lane_serv_inv	BOBJ1	12	40	Before	Left Exterior Girder	40	0.95	1	1	10.185396
Lane_serv_inv	BOBJ1	12	40	Before	Interior Girder 1	40	0.95	1	1	9.116482
Lane_serv_inv	BOBJ1	12	40	Before	Interior Girder 2	40	0.95	1	1	9.389975
Lane_serv_inv	BOBJ1	12	40	Before	Interior Girder 3	40	0.95	1	1	9.635113
Lane_serv_inv	BOBJ1	12	40	Before	Interior Girder 4	40	0.95	1	1	9.625454
Lane_serv_inv	BOBJ1	12	40	Before	Interior Girder 5	40	0.95	1	1	9.356247
Lane_serv_inv	BOBJ1	12	40	Before	Interior Girder 6	40	0.95	1	1	9.129607
Lane_serv_inv	BOBJ1	12	40	Before	Right Exterior Girder	40	0.95	1	1	10.217452
Lane_serv_inv	BOBJ1	13	40	After	Left Exterior Girder	40	0.95	1	1	10.241955
Lane_serv_inv	BOBJ1	13	40	After	Interior Girder 1	40	0.95	1	1	9.124
Lane_serv_inv	BOBJ1	13	40	After	Interior Girder 2	40	0.95	1	1	9.377224
Lane_serv_inv	BOBJ1	13	40	After	Interior Girder 3	40	0.95	1	1	9.617141
Lane_serv_inv	BOBJ1	13	40	After	Interior Girder 4	40	0.95	1	1	9.607185
Lane_serv_inv	BOBJ1	13	40	After	Interior Girder 5	40	0.95	1	1	9.343144
Lane_serv_inv	BOBJ1	13	40	After	Interior Girder 6	40	0.95	1	1	9.137109
Lane_serv_inv	BOBJ1	13	40	After	Right Exterior Girder	40	0.95	1	1	10.275174
Lane_serv_inv	BOBJ1	14	46.5	Before	Left Exterior Girder	46.5	0.95	1	1	10.820233
Lane_serv_inv	BOBJ1	14	46.5	Before	Right Exterior Girder	46.5	0.95	1	1	10.856899
Lane_serv_inv	BOBJ1	15	46.5	After	Left Exterior Girder	46.5	0.95	1	1	9.330502
Lane_serv_inv	BOBJ1	15	46.5	After	Right Exterior Girder	46.5	0.95	1	1	9.362531
Lane_serv_inv	BOBJ1	16	48	Before	Left Exterior Girder	48	0.95	1	1	9.54895
Lane_serv_inv	BOBJ1	16	48	Before	Interior Girder 1	48	0.95	1	1	10.816134
Lane_serv_inv	BOBJ1	16	48	Before	Interior Girder 2	48	0.95	1	1	11.249548
Lane_serv_inv	BOBJ1	16	48	Before	Interior Girder 3	48	0.95	1	1	11.36741
Lane_serv_inv	BOBJ1	16	48	Before	Interior Girder 4	48	0.95	1	1	11.353439
Lane_serv_inv	BOBJ1	16	48	Before	Interior Girder 5	48	0.95	1	1	11.250221
Lane_serv_inv	BOBJ1	16	48	Before	Interior Girder 6	48	0.95	1	1	10.805155
Lane_serv_inv	BOBJ1	16	48	Before	Right Exterior Girder	48	0.95	1	1	9.582456
Lane_serv_inv	BOBJ1	17	48	After	Left Exterior Girder	48	0.95	1	1	9.541523
Lane_serv_inv	BOBJ1	17	48	After	Interior Girder 1	48	0.95	1	1	10.929059
Lane_serv_inv	BOBJ1	17	48	After	Interior Girder 2	48	0.95	1	1	11.242129
Lane_serv_inv	BOBJ1	17	48	After	Interior Girder 3	48	0.95	1	1	11.327405
Lane_serv_inv	BOBJ1	17	48	After	Interior Girder 4	48	0.95	1	1	11.312102
Lane_serv_inv	BOBJ1	17	48	After	Interior Girder 5	48	0.95	1	1	11.242392
Lane_serv_inv	BOBJ1	17	48	After	Interior Girder 6	48	0.95	1	1	10.916937
Lane_serv_inv	BOBJ1	17	48	After	Right Exterior Girder	48	0.95	1	1	9.577395
Lane_serv_inv	BOBJ1	18	56	Before	Left Exterior Girder	56	0.95	1	1	12.697437
Lane_serv_inv	BOBJ1	18	56	Before	Interior Girder 1	56	0.95	1	1	14.887187
Lane_serv_inv	BOBJ1	18	56	Before	Interior Girder 2	56	0.95	1	1	15.451432
Lane_serv_inv	BOBJ1	18	56	Before	Interior Girder 3	56	0.95	1	1	15.873153
Lane_serv_inv	BOBJ1	18	56	Before	Interior Girder 4	56	0.95	1	1	15.857926
Lane_serv_inv	BOBJ1	18	56	Before	Interior Girder 5	56	0.95	1	1	15.374819
Lane_serv_inv	BOBJ1	18	56	Before	Interior Girder 6	56	0.95	1	1	14.924385
Lane_serv_inv	BOBJ1	18	56	Before	Right Exterior Girder	56	0.95	1	1	12.733623
Lane_serv_inv	BOBJ1	19	56	After	Left Exterior Girder	56	0.95	1	1	12.647418
Lane_serv_inv	BOBJ1	19	56	After	Interior Girder 1	56	0.95	1	1	15.135199
Lane_serv_inv	BOBJ1	19	56	After	Interior Girder 2	56	0.95	1	1	15.38506
Lane_serv_inv	BOBJ1	19	56	After	Interior Girder 3	56	0.95	1	1	15.774243
Lane_serv_inv	BOBJ1	19	56	After	Interior Girder 4	56	0.95	1	1	15.753724
Lane_serv_inv	BOBJ1	19	56	After	Interior Girder 5	56	0.95	1	1	15.30358
Lane_serv_inv	BOBJ1	19	56	After	Interior Girder 6	56	0.95	1	1	15.173158
Lane_serv_inv	BOBJ1	19	56	After	Right Exterior Girder	56	0.95	1	1	12.689136
Lane_serv_inv	BOBJ1	20	59	Before	Interior Girder 1	59	0.95	1	1	18.287141

TABLE: Bridge Super Rating AASHTORATE18 31 - SteelICompServ-Flx - Approach, Span 4-6										
Request	BridgeObj	BridgeCut	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	Unitless	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Lane_serv_inv	BOBJ1	20	59	Before	Interior Girder 2	59	0.95	1	1	18.571732
Lane_serv_inv	BOBJ1	20	59	Before	Interior Girder 3	59	0.95	1	1	19.143556
Lane_serv_inv	BOBJ1	20	59	Before	Interior Girder 4	59	0.95	1	1	19.118698
Lane_serv_inv	BOBJ1	20	59	Before	Interior Girder 5	59	0.95	1	1	18.472108
Lane_serv_inv	BOBJ1	20	59	Before	Interior Girder 6	59	0.95	1	1	18.336318
Lane_serv_inv	BOBJ1	21	59	After	Interior Girder 1	59	0.95	1	1	10.595845
Lane_serv_inv	BOBJ1	21	59	After	Interior Girder 2	59	0.95	1	1	10.79303
Lane_serv_inv	BOBJ1	21	59	After	Interior Girder 3	59	0.95	1	1	10.90938
Lane_serv_inv	BOBJ1	21	59	After	Interior Girder 4	59	0.95	1	1	10.895873
Lane_serv_inv	BOBJ1	21	59	After	Interior Girder 5	59	0.95	1	1	10.733285
Lane_serv_inv	BOBJ1	21	59	After	Interior Girder 6	59	0.95	1	1	10.623619
Lane_serv_inv	BOBJ1	22	64	Before	Left Exterior Girder	64	0.95	1	1	20.006091
Lane_serv_inv	BOBJ1	22	64	Before	Interior Girder 1	64	0.95	1	1	12.228621
Lane_serv_inv	BOBJ1	22	64	Before	Interior Girder 2	64	0.95	1	1	11.843497
Lane_serv_inv	BOBJ1	22	64	Before	Interior Girder 3	64	0.95	1	1	12.569937
Lane_serv_inv	BOBJ1	22	64	Before	Interior Girder 4	64	0.95	1	1	12.553791
Lane_serv_inv	BOBJ1	22	64	Before	Interior Girder 5	64	0.95	1	1	11.803298
Lane_serv_inv	BOBJ1	22	64	Before	Interior Girder 6	64	0.95	1	1	12.238463
Lane_serv_inv	BOBJ1	22	64	Before	Right Exterior Girder	64	0.95	1	1	20.072404
Lane_serv_inv	BOBJ1	23	64	After	Left Exterior Girder	64	0.95	1	1	19.498068
Lane_serv_inv	BOBJ1	23	64	After	Interior Girder 1	64	0.95	1	1	12.100663
Lane_serv_inv	BOBJ1	23	64	After	Interior Girder 2	64	0.95	1	1	11.758008
Lane_serv_inv	BOBJ1	23	64	After	Interior Girder 3	64	0.95	1	1	12.635277
Lane_serv_inv	BOBJ1	23	64	After	Interior Girder 4	64	0.95	1	1	12.620688
Lane_serv_inv	BOBJ1	23	64	After	Interior Girder 5	64	0.95	1	1	11.723146
Lane_serv_inv	BOBJ1	23	64	After	Interior Girder 6	64	0.95	1	1	12.109219
Lane_serv_inv	BOBJ1	23	64	After	Right Exterior Girder	64	0.95	1	1	19.566374
Lane_serv_inv	BOBJ1	24	69	Before	Interior Girder 1	69	0.95	1	1	8.306882
Lane_serv_inv	BOBJ1	24	69	Before	Interior Girder 2	69	0.95	1	1	8.001538
Lane_serv_inv	BOBJ1	24	69	Before	Interior Girder 3	69	0.95	1	1	8.078848
Lane_serv_inv	BOBJ1	24	69	Before	Interior Girder 4	69	0.95	1	1	8.067149
Lane_serv_inv	BOBJ1	24	69	Before	Interior Girder 5	69	0.95	1	1	7.970918
Lane_serv_inv	BOBJ1	24	69	Before	Interior Girder 6	69	0.95	1	1	8.32863
Lane_serv_inv	BOBJ1	25	69	After	Interior Girder 1	69	0.95	1	1	17.676204
Lane_serv_inv	BOBJ1	25	69	After	Interior Girder 2	69	0.95	1	1	16.702903
Lane_serv_inv	BOBJ1	25	69	After	Interior Girder 3	69	0.95	1	1	17.107485
Lane_serv_inv	BOBJ1	25	69	After	Interior Girder 4	69	0.95	1	1	17.089532
Lane_serv_inv	BOBJ1	25	69	After	Interior Girder 5	69	0.95	1	1	16.656014
Lane_serv_inv	BOBJ1	25	69	After	Interior Girder 6	69	0.95	1	1	17.71221
Lane_serv_inv	BOBJ1	26	72	Before	Left Exterior Girder	72	0.95	1	1	12.352255
Lane_serv_inv	BOBJ1	26	72	Before	Interior Girder 1	72	0.95	1	1	13.629666
Lane_serv_inv	BOBJ1	26	72	Before	Interior Girder 2	72	0.95	1	1	13.054058
Lane_serv_inv	BOBJ1	26	72	Before	Interior Girder 3	72	0.95	1	1	12.722023
Lane_serv_inv	BOBJ1	26	72	Before	Interior Girder 4	72	0.95	1	1	12.699408
Lane_serv_inv	BOBJ1	26	72	Before	Interior Girder 5	72	0.95	1	1	13.00393
Lane_serv_inv	BOBJ1	26	72	Before	Interior Girder 6	72	0.95	1	1	13.669884
Lane_serv_inv	BOBJ1	26	72	Before	Right Exterior Girder	72	0.95	1	1	12.427178
Lane_serv_inv	BOBJ1	27	72	After	Left Exterior Girder	72	0.95	1	1	12.688796
Lane_serv_inv	BOBJ1	27	72	After	Interior Girder 1	72	0.95	1	1	13.314719
Lane_serv_inv	BOBJ1	27	72	After	Interior Girder 2	72	0.95	1	1	13.007637
Lane_serv_inv	BOBJ1	27	72	After	Interior Girder 3	72	0.95	1	1	12.852249
Lane_serv_inv	BOBJ1	27	72	After	Interior Girder 4	72	0.95	1	1	12.833746
Lane_serv_inv	BOBJ1	27	72	After	Interior Girder 5	72	0.95	1	1	12.950138
Lane_serv_inv	BOBJ1	27	72	After	Interior Girder 6	72	0.95	1	1	13.356719
Lane_serv_inv	BOBJ1	27	72	After	Right Exterior Girder	72	0.95	1	1	12.763805
Lane_serv_inv	BOBJ1	28	72.5	Before	Left Exterior Girder	72.5	0.95	1	1	11.820924
Lane_serv_inv	BOBJ1	28	72.5	Before	Right Exterior Girder	72.5	0.95	1	1	11.886543
Lane_serv_inv	BOBJ1	29	72.5	After	Left Exterior Girder	72.5	0.95	1	1	17.915157
Lane_serv_inv	BOBJ1	29	72.5	After	Right Exterior Girder	72.5	0.95	1	1	18.014614
Lane_serv_inv	BOBJ1	30	80	Before	Left Exterior Girder	80	0.95	1	1	8.612967
Lane_serv_inv	BOBJ1	30	80	Before	Interior Girder 1	80	0.95	1	1	6.184929
Lane_serv_inv	BOBJ1	30	80	Before	Interior Girder 2	80	0.95	1	1	6.2185
Lane_serv_inv	BOBJ1	30	80	Before	Interior Girder 3	80	0.95	1	1	5.428254
Lane_serv_inv	BOBJ1	30	80	Before	Interior Girder 4	80	0.95	1	1	5.417745
Lane_serv_inv	BOBJ1	30	80	Before	Interior Girder 5	80	0.95	1	1	6.180723
Lane_serv_inv	BOBJ1	30	80	Before	Interior Girder 6	80	0.95	1	1	6.220172
Lane_serv_inv	BOBJ1	30	80	Before	Right Exterior Girder	80	0.95	1	1	8.657314
Lane_serv_inv	BOBJ1	31	80	After	Left Exterior Girder	0	0.95	1	1	8.585624
Lane_serv_inv	BOBJ1	31	80	After	Interior Girder 1	0	0.95	1	1	6.197773
Lane_serv_inv	BOBJ1	31	80	After	Interior Girder 2	0	0.95	1	1	6.217523
Lane_serv_inv	BOBJ1	31	80	After	Interior Girder 3	0	0.95	1	1	5.425154
Lane_serv_inv	BOBJ1	31	80	After	Interior Girder 4	0	0.95	1	1	5.41502
Lane_serv_inv	BOBJ1	31	80	After	Interior Girder 5	0	0.95	1	1	6.180536

TABLE: Bridge Super Rating AASHTORATE18 31 - SteelICompServ-Flx - Approach, Span 4-6										
Request	BridgeObj	BridgeCut	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	Unitless	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Lane_serv_inv	BOBJ1	31	80	After	Interior Girder 6	0	0.95	1	1	6.233292
Lane_serv_inv	BOBJ1	31	80	After	Right Exterior Girder	0	0.95	1	1	8.629524
Lane_serv_inv	BOBJ1	32	87.5	Before	Left Exterior Girder	7.5	0.95	1	1	16.446958
Lane_serv_inv	BOBJ1	32	87.5	Before	Right Exterior Girder	7.5	0.95	1	1	16.528649
Lane_serv_inv	BOBJ1	33	87.5	After	Left Exterior Girder	7.5	0.95	1	1	10.688574
Lane_serv_inv	BOBJ1	33	87.5	After	Right Exterior Girder	7.5	0.95	1	1	10.742043
Lane_serv_inv	BOBJ1	34	88	Before	Left Exterior Girder	8	0.95	1	1	11.374109
Lane_serv_inv	BOBJ1	34	88	Before	Interior Girder 1	8	0.95	1	1	12.205476
Lane_serv_inv	BOBJ1	34	88	Before	Interior Girder 2	8	0.95	1	1	11.923564
Lane_serv_inv	BOBJ1	34	88	Before	Interior Girder 3	8	0.95	1	1	11.766049
Lane_serv_inv	BOBJ1	34	88	Before	Interior Girder 4	8	0.95	1	1	11.756954
Lane_serv_inv	BOBJ1	34	88	Before	Interior Girder 5	8	0.95	1	1	11.895514
Lane_serv_inv	BOBJ1	34	88	Before	Interior Girder 6	8	0.95	1	1	12.26039
Lane_serv_inv	BOBJ1	34	88	Before	Right Exterior Girder	8	0.95	1	1	11.43174
Lane_serv_inv	BOBJ1	35	88	After	Left Exterior Girder	8	0.95	1	1	11.19046
Lane_serv_inv	BOBJ1	35	88	After	Interior Girder 1	8	0.95	1	1	12.371445
Lane_serv_inv	BOBJ1	35	88	After	Interior Girder 2	8	0.95	1	1	11.98038
Lane_serv_inv	BOBJ1	35	88	After	Interior Girder 3	8	0.95	1	1	11.693448
Lane_serv_inv	BOBJ1	35	88	After	Interior Girder 4	8	0.95	1	1	11.675004
Lane_serv_inv	BOBJ1	35	88	After	Interior Girder 5	8	0.95	1	1	11.947157
Lane_serv_inv	BOBJ1	35	88	After	Interior Girder 6	8	0.95	1	1	12.418989
Lane_serv_inv	BOBJ1	35	88	After	Right Exterior Girder	8	0.95	1	1	11.249591
Lane_serv_inv	BOBJ1	36	91	Before	Interior Girder 1	11	0.95	1	1	15.51301
Lane_serv_inv	BOBJ1	36	91	Before	Interior Girder 2	11	0.95	1	1	14.966233
Lane_serv_inv	BOBJ1	36	91	Before	Interior Girder 3	11	0.95	1	1	15.275862
Lane_serv_inv	BOBJ1	36	91	Before	Interior Girder 4	11	0.95	1	1	15.258405
Lane_serv_inv	BOBJ1	36	91	Before	Interior Girder 5	11	0.95	1	1	14.907303
Lane_serv_inv	BOBJ1	36	91	Before	Interior Girder 6	11	0.95	1	1	15.561409
Lane_serv_inv	BOBJ1	37	91	After	Interior Girder 1	11	0.95	1	1	6.800212
Lane_serv_inv	BOBJ1	37	91	After	Interior Girder 2	11	0.95	1	1	6.68411
Lane_serv_inv	BOBJ1	37	91	After	Interior Girder 3	11	0.95	1	1	6.731129
Lane_serv_inv	BOBJ1	37	91	After	Interior Girder 4	11	0.95	1	1	6.723961
Lane_serv_inv	BOBJ1	37	91	After	Interior Girder 5	11	0.95	1	1	6.658943
Lane_serv_inv	BOBJ1	37	91	After	Interior Girder 6	11	0.95	1	1	6.821994
Lane_serv_inv	BOBJ1	38	96	Before	Left Exterior Girder	16	0.95	1	1	21.030997
Lane_serv_inv	BOBJ1	38	96	Before	Interior Girder 1	16	0.95	1	1	9.915296
Lane_serv_inv	BOBJ1	38	96	Before	Interior Girder 2	16	0.95	1	1	9.762793
Lane_serv_inv	BOBJ1	38	96	Before	Interior Girder 3	16	0.95	1	1	10.570666
Lane_serv_inv	BOBJ1	38	96	Before	Interior Girder 4	16	0.95	1	1	10.561003
Lane_serv_inv	BOBJ1	38	96	Before	Interior Girder 5	16	0.95	1	1	9.737128
Lane_serv_inv	BOBJ1	38	96	Before	Interior Girder 6	16	0.95	1	1	9.925329
Lane_serv_inv	BOBJ1	38	96	Before	Right Exterior Girder	16	0.95	1	1	21.101828
Lane_serv_inv	BOBJ1	39	96	After	Left Exterior Girder	16	0.95	1	1	9.847101
Lane_serv_inv	BOBJ1	39	96	After	Interior Girder 1	16	0.95	1	1	10.098163
Lane_serv_inv	BOBJ1	39	96	After	Interior Girder 2	16	0.95	1	1	9.802481
Lane_serv_inv	BOBJ1	39	96	After	Interior Girder 3	16	0.95	1	1	10.433391
Lane_serv_inv	BOBJ1	39	96	After	Interior Girder 4	16	0.95	1	1	10.421846
Lane_serv_inv	BOBJ1	39	96	After	Interior Girder 5	16	0.95	1	1	9.771027
Lane_serv_inv	BOBJ1	39	96	After	Interior Girder 6	16	0.95	1	1	10.107804
Lane_serv_inv	BOBJ1	39	96	After	Right Exterior Girder	16	0.95	1	1	9.879889
Lane_serv_inv	BOBJ1	40	104	Before	Left Exterior Girder	24	0.95	1	1	13.225617
Lane_serv_inv	BOBJ1	40	104	Before	Interior Girder 1	24	0.95	1	1	12.460498
Lane_serv_inv	BOBJ1	40	104	Before	Interior Girder 2	24	0.95	1	1	13.119097
Lane_serv_inv	BOBJ1	40	104	Before	Interior Girder 3	24	0.95	1	1	14.020427
Lane_serv_inv	BOBJ1	40	104	Before	Interior Girder 4	24	0.95	1	1	14.010366
Lane_serv_inv	BOBJ1	40	104	Before	Interior Girder 5	24	0.95	1	1	13.10753
Lane_serv_inv	BOBJ1	40	104	Before	Interior Girder 6	24	0.95	1	1	12.464985
Lane_serv_inv	BOBJ1	40	104	Before	Right Exterior Girder	24	0.95	1	1	13.259329
Lane_serv_inv	BOBJ1	41	104	After	Left Exterior Girder	24	0.95	1	1	13.246095
Lane_serv_inv	BOBJ1	41	104	After	Interior Girder 1	24	0.95	1	1	12.465928
Lane_serv_inv	BOBJ1	41	104	After	Interior Girder 2	24	0.95	1	1	13.140663
Lane_serv_inv	BOBJ1	41	104	After	Interior Girder 3	24	0.95	1	1	13.987207
Lane_serv_inv	BOBJ1	41	104	After	Interior Girder 4	24	0.95	1	1	13.977368
Lane_serv_inv	BOBJ1	41	104	After	Interior Girder 5	24	0.95	1	1	13.124683
Lane_serv_inv	BOBJ1	41	104	After	Interior Girder 6	24	0.95	1	1	12.471151
Lane_serv_inv	BOBJ1	41	104	After	Right Exterior Girder	24	0.95	1	1	13.277841
Lane_serv_inv	BOBJ1	42	112	Before	Left Exterior Girder	32	0.95	1	1	11.03344
Lane_serv_inv	BOBJ1	42	112	Before	Interior Girder 1	32	0.95	1	1	11.490947
Lane_serv_inv	BOBJ1	42	112	Before	Interior Girder 2	32	0.95	1	1	11.62231
Lane_serv_inv	BOBJ1	42	112	Before	Interior Girder 3	32	0.95	1	1	11.686561
Lane_serv_inv	BOBJ1	42	112	Before	Interior Girder 4	32	0.95	1	1	11.666288
Lane_serv_inv	BOBJ1	42	112	Before	Interior Girder 5	32	0.95	1	1	11.626301
Lane_serv_inv	BOBJ1	42	112	Before	Interior Girder 6	32	0.95	1	1	11.47064

TABLE: Bridge Super Rating AASHTORATE18 31 - SteelICompServ-Flx - Approach, Span 4-6										
Request	BridgeObj	BridgeCut	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	Unitless	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Lane_serv_inv	BOBJ1	42	112	Before	Right Exterior Girder	32	0.95	1	1	11.082959
Lane_serv_inv	BOBJ1	43	112	After	Left Exterior Girder	32	0.95	1	1	11.201263
Lane_serv_inv	BOBJ1	43	112	After	Interior Girder 1	32	0.95	1	1	11.353005
Lane_serv_inv	BOBJ1	43	112	After	Interior Girder 2	32	0.95	1	1	11.601173
Lane_serv_inv	BOBJ1	43	112	After	Interior Girder 3	32	0.95	1	1	11.716073
Lane_serv_inv	BOBJ1	43	112	After	Interior Girder 4	32	0.95	1	1	11.697184
Lane_serv_inv	BOBJ1	43	112	After	Interior Girder 5	32	0.95	1	1	11.60536
Lane_serv_inv	BOBJ1	43	112	After	Interior Girder 6	32	0.95	1	1	11.334102
Lane_serv_inv	BOBJ1	43	112	After	Right Exterior Girder	32	0.95	1	1	11.248667
Lane_serv_inv	BOBJ1	44	120	Before	Left Exterior Girder	40	0.95	1	1	10.253409
Lane_serv_inv	BOBJ1	44	120	Before	Interior Girder 1	40	0.95	1	1	9.990532
Lane_serv_inv	BOBJ1	44	120	Before	Interior Girder 2	40	0.95	1	1	10.216972
Lane_serv_inv	BOBJ1	44	120	Before	Interior Girder 3	40	0.95	1	1	10.462587
Lane_serv_inv	BOBJ1	44	120	Before	Interior Girder 4	40	0.95	1	1	10.447637
Lane_serv_inv	BOBJ1	44	120	Before	Interior Girder 5	40	0.95	1	1	10.1674
Lane_serv_inv	BOBJ1	44	120	Before	Interior Girder 6	40	0.95	1	1	10.009393
Lane_serv_inv	BOBJ1	44	120	Before	Right Exterior Girder	40	0.95	1	1	10.291852
Lane_serv_inv	BOBJ1	45	120	After	Left Exterior Girder	40	0.95	1	1	10.26546
Lane_serv_inv	BOBJ1	45	120	After	Interior Girder 1	40	0.95	1	1	9.980267
Lane_serv_inv	BOBJ1	45	120	After	Interior Girder 2	40	0.95	1	1	10.214865
Lane_serv_inv	BOBJ1	45	120	After	Interior Girder 3	40	0.95	1	1	10.464272
Lane_serv_inv	BOBJ1	45	120	After	Interior Girder 4	40	0.95	1	1	10.449363
Lane_serv_inv	BOBJ1	45	120	After	Interior Girder 5	40	0.95	1	1	10.165333
Lane_serv_inv	BOBJ1	45	120	After	Interior Girder 6	40	0.95	1	1	9.999058
Lane_serv_inv	BOBJ1	45	120	After	Right Exterior Girder	40	0.95	1	1	10.3039
Lane_serv_inv	BOBJ1	46	128	Before	Left Exterior Girder	48	0.95	1	1	11.012457
Lane_serv_inv	BOBJ1	46	128	Before	Interior Girder 1	48	0.95	1	1	11.251119
Lane_serv_inv	BOBJ1	46	128	Before	Interior Girder 2	48	0.95	1	1	11.502725
Lane_serv_inv	BOBJ1	46	128	Before	Interior Girder 3	48	0.95	1	1	11.630916
Lane_serv_inv	BOBJ1	46	128	Before	Interior Girder 4	48	0.95	1	1	11.612194
Lane_serv_inv	BOBJ1	46	128	Before	Interior Girder 5	48	0.95	1	1	11.506762
Lane_serv_inv	BOBJ1	46	128	Before	Interior Girder 6	48	0.95	1	1	11.232542
Lane_serv_inv	BOBJ1	46	128	Before	Right Exterior Girder	48	0.95	1	1	11.058984
Lane_serv_inv	BOBJ1	47	128	After	Left Exterior Girder	48	0.95	1	1	10.873879
Lane_serv_inv	BOBJ1	47	128	After	Interior Girder 1	48	0.95	1	1	11.360216
Lane_serv_inv	BOBJ1	47	128	After	Interior Girder 2	48	0.95	1	1	11.520795
Lane_serv_inv	BOBJ1	47	128	After	Interior Girder 3	48	0.95	1	1	11.605559
Lane_serv_inv	BOBJ1	47	128	After	Interior Girder 4	48	0.95	1	1	11.585439
Lane_serv_inv	BOBJ1	47	128	After	Interior Girder 5	48	0.95	1	1	11.52466
Lane_serv_inv	BOBJ1	47	128	After	Interior Girder 6	48	0.95	1	1	11.340416
Lane_serv_inv	BOBJ1	47	128	After	Right Exterior Girder	48	0.95	1	1	10.922478
Lane_serv_inv	BOBJ1	48	136	Before	Left Exterior Girder	56	0.95	1	1	12.931386
Lane_serv_inv	BOBJ1	48	136	Before	Interior Girder 1	56	0.95	1	1	12.245224
Lane_serv_inv	BOBJ1	48	136	Before	Interior Girder 2	56	0.95	1	1	12.960338
Lane_serv_inv	BOBJ1	48	136	Before	Interior Girder 3	56	0.95	1	1	13.877067
Lane_serv_inv	BOBJ1	48	136	Before	Interior Girder 4	56	0.95	1	1	13.86784
Lane_serv_inv	BOBJ1	48	136	Before	Interior Girder 5	56	0.95	1	1	12.947281
Lane_serv_inv	BOBJ1	48	136	Before	Interior Girder 6	56	0.95	1	1	12.250124
Lane_serv_inv	BOBJ1	48	136	Before	Right Exterior Girder	56	0.95	1	1	12.96135
Lane_serv_inv	BOBJ1	49	136	After	Left Exterior Girder	56	0.95	1	1	12.969251
Lane_serv_inv	BOBJ1	49	136	After	Interior Girder 1	56	0.95	1	1	12.231343
Lane_serv_inv	BOBJ1	49	136	After	Interior Girder 2	56	0.95	1	1	12.935683
Lane_serv_inv	BOBJ1	49	136	After	Interior Girder 3	56	0.95	1	1	13.889779
Lane_serv_inv	BOBJ1	49	136	After	Interior Girder 4	56	0.95	1	1	13.880303
Lane_serv_inv	BOBJ1	49	136	After	Interior Girder 5	56	0.95	1	1	12.92649
Lane_serv_inv	BOBJ1	49	136	After	Interior Girder 6	56	0.95	1	1	12.23562
Lane_serv_inv	BOBJ1	49	136	After	Right Exterior Girder	56	0.95	1	1	13.001265
Lane_serv_inv	BOBJ1	50	144	Before	Left Exterior Girder	64	0.95	1	1	9.832527
Lane_serv_inv	BOBJ1	50	144	Before	Interior Girder 1	64	0.95	1	1	10.025561
Lane_serv_inv	BOBJ1	50	144	Before	Interior Girder 2	64	0.95	1	1	9.803604
Lane_serv_inv	BOBJ1	50	144	Before	Interior Girder 3	64	0.95	1	1	10.49361
Lane_serv_inv	BOBJ1	50	144	Before	Interior Girder 4	64	0.95	1	1	10.482587
Lane_serv_inv	BOBJ1	50	144	Before	Interior Girder 5	64	0.95	1	1	9.774471
Lane_serv_inv	BOBJ1	50	144	Before	Interior Girder 6	64	0.95	1	1	10.033429
Lane_serv_inv	BOBJ1	50	144	Before	Right Exterior Girder	64	0.95	1	1	9.862609
Lane_serv_inv	BOBJ1	51	144	After	Left Exterior Girder	64	0.95	1	1	19.383331
Lane_serv_inv	BOBJ1	51	144	After	Interior Girder 1	64	0.95	1	1	9.826568
Lane_serv_inv	BOBJ1	51	144	After	Interior Girder 2	64	0.95	1	1	9.759905
Lane_serv_inv	BOBJ1	51	144	After	Interior Girder 3	64	0.95	1	1	10.627831
Lane_serv_inv	BOBJ1	51	144	After	Interior Girder 4	64	0.95	1	1	10.61813
Lane_serv_inv	BOBJ1	51	144	After	Interior Girder 5	64	0.95	1	1	9.735267
Lane_serv_inv	BOBJ1	51	144	After	Interior Girder 6	64	0.95	1	1	9.834998
Lane_serv_inv	BOBJ1	51	144	After	Right Exterior Girder	64	0.95	1	1	19.443949

TABLE: Bridge Super Rating AASHTORATE18 31 - SteelICompServ-Flx - Approach, Span 4-6										
Request	BridgeObj	BridgeCut	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	Unitless	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Lane_serv_inv	BOBJ1	52	150	Before	Interior Girder 1	70	0.95	1	1	6.240441
Lane_serv_inv	BOBJ1	52	150	Before	Interior Girder 2	70	0.95	1	1	6.164696
Lane_serv_inv	BOBJ1	52	150	Before	Interior Girder 3	70	0.95	1	1	6.204527
Lane_serv_inv	BOBJ1	52	150	Before	Interior Girder 4	70	0.95	1	1	6.198564
Lane_serv_inv	BOBJ1	52	150	Before	Interior Girder 5	70	0.95	1	1	6.150292
Lane_serv_inv	BOBJ1	52	150	Before	Interior Girder 6	70	0.95	1	1	6.260222
Lane_serv_inv	BOBJ1	53	150	After	Interior Girder 1	70	0.95	1	1	13.733354
Lane_serv_inv	BOBJ1	53	150	After	Interior Girder 2	70	0.95	1	1	13.178118
Lane_serv_inv	BOBJ1	53	150	After	Interior Girder 3	70	0.95	1	1	13.433122
Lane_serv_inv	BOBJ1	53	150	After	Interior Girder 4	70	0.95	1	1	13.417523
Lane_serv_inv	BOBJ1	53	150	After	Interior Girder 5	70	0.95	1	1	13.141939
Lane_serv_inv	BOBJ1	53	150	After	Interior Girder 6	70	0.95	1	1	13.775959
Lane_serv_inv	BOBJ1	54	152	Before	Left Exterior Girder	72	0.95	1	1	10.452738
Lane_serv_inv	BOBJ1	54	152	Before	Interior Girder 1	72	0.95	1	1	11.687623
Lane_serv_inv	BOBJ1	54	152	Before	Interior Girder 2	72	0.95	1	1	11.334001
Lane_serv_inv	BOBJ1	54	152	Before	Interior Girder 3	72	0.95	1	1	11.249837
Lane_serv_inv	BOBJ1	54	152	Before	Interior Girder 4	72	0.95	1	1	11.238201
Lane_serv_inv	BOBJ1	54	152	Before	Interior Girder 5	72	0.95	1	1	11.309547
Lane_serv_inv	BOBJ1	54	152	Before	Interior Girder 6	72	0.95	1	1	11.729077
Lane_serv_inv	BOBJ1	54	152	Before	Right Exterior Girder	72	0.95	1	1	10.507643
Lane_serv_inv	BOBJ1	55	152	After	Left Exterior Girder	72	0.95	1	1	10.717925
Lane_serv_inv	BOBJ1	55	152	After	Interior Girder 1	72	0.95	1	1	11.507735
Lane_serv_inv	BOBJ1	55	152	After	Interior Girder 2	72	0.95	1	1	11.281916
Lane_serv_inv	BOBJ1	55	152	After	Interior Girder 3	72	0.95	1	1	11.311279
Lane_serv_inv	BOBJ1	55	152	After	Interior Girder 4	72	0.95	1	1	11.303437
Lane_serv_inv	BOBJ1	55	152	After	Interior Girder 5	72	0.95	1	1	11.258688
Lane_serv_inv	BOBJ1	55	152	After	Interior Girder 6	72	0.95	1	1	11.554692
Lane_serv_inv	BOBJ1	55	152	After	Right Exterior Girder	72	0.95	1	1	10.772486
Lane_serv_inv	BOBJ1	56	154	Before	Left Exterior Girder	74	0.95	1	1	8.612412
Lane_serv_inv	BOBJ1	56	154	Before	Right Exterior Girder	74	0.95	1	1	8.654925
Lane_serv_inv	BOBJ1	57	154	After	Left Exterior Girder	74	0.95	1	1	13.304775
Lane_serv_inv	BOBJ1	57	154	After	Right Exterior Girder	74	0.95	1	1	13.370192
Lane_serv_inv	BOBJ1	58	160	Before	Left Exterior Girder	80	0.95	1	1	7.853438
Lane_serv_inv	BOBJ1	58	160	Before	Interior Girder 1	80	0.95	1	1	5.74886
Lane_serv_inv	BOBJ1	58	160	Before	Interior Girder 2	80	0.95	1	1	5.817316
Lane_serv_inv	BOBJ1	58	160	Before	Interior Girder 3	80	0.95	1	1	5.147768
Lane_serv_inv	BOBJ1	58	160	Before	Interior Girder 4	80	0.95	1	1	5.138505
Lane_serv_inv	BOBJ1	58	160	Before	Interior Girder 5	80	0.95	1	1	5.78256
Lane_serv_inv	BOBJ1	58	160	Before	Interior Girder 6	80	0.95	1	1	5.78053
Lane_serv_inv	BOBJ1	58	160	Before	Right Exterior Girder	80	0.95	1	1	7.892381
Lane_serv_inv	BOBJ1	59	160	After	Left Exterior Girder	0	0.95	1	1	7.758685
Lane_serv_inv	BOBJ1	59	160	After	Interior Girder 1	0	0.95	1	1	5.705284
Lane_serv_inv	BOBJ1	59	160	After	Interior Girder 2	0	0.95	1	1	5.829365
Lane_serv_inv	BOBJ1	59	160	After	Interior Girder 3	0	0.95	1	1	5.10932
Lane_serv_inv	BOBJ1	59	160	After	Interior Girder 4	0	0.95	1	1	5.100084
Lane_serv_inv	BOBJ1	59	160	After	Interior Girder 5	0	0.95	1	1	5.794635
Lane_serv_inv	BOBJ1	59	160	After	Interior Girder 6	0	0.95	1	1	5.737583
Lane_serv_inv	BOBJ1	59	160	After	Right Exterior Girder	0	0.95	1	1	7.797147
Lane_serv_inv	BOBJ1	60	166	Before	Left Exterior Girder	6	0.95	1	1	14.163072
Lane_serv_inv	BOBJ1	60	166	Before	Right Exterior Girder	6	0.95	1	1	14.234481
Lane_serv_inv	BOBJ1	61	166	After	Left Exterior Girder	6	0.95	1	1	9.234296
Lane_serv_inv	BOBJ1	61	166	After	Right Exterior Girder	6	0.95	1	1	9.281102
Lane_serv_inv	BOBJ1	62	168	Before	Left Exterior Girder	8	0.95	1	1	11.860092
Lane_serv_inv	BOBJ1	62	168	Before	Interior Girder 1	8	0.95	1	1	12.568514
Lane_serv_inv	BOBJ1	62	168	Before	Interior Girder 2	8	0.95	1	1	12.443035
Lane_serv_inv	BOBJ1	62	168	Before	Interior Girder 3	8	0.95	1	1	12.342256
Lane_serv_inv	BOBJ1	62	168	Before	Interior Girder 4	8	0.95	1	1	12.325612
Lane_serv_inv	BOBJ1	62	168	Before	Interior Girder 5	8	0.95	1	1	12.390568
Lane_serv_inv	BOBJ1	62	168	Before	Interior Girder 6	8	0.95	1	1	12.607825
Lane_serv_inv	BOBJ1	62	168	Before	Right Exterior Girder	8	0.95	1	1	11.924174
Lane_serv_inv	BOBJ1	63	168	After	Left Exterior Girder	8	0.95	1	1	11.491817
Lane_serv_inv	BOBJ1	63	168	After	Interior Girder 1	8	0.95	1	1	12.894884
Lane_serv_inv	BOBJ1	63	168	After	Interior Girder 2	8	0.95	1	1	12.484316
Lane_serv_inv	BOBJ1	63	168	After	Interior Girder 3	8	0.95	1	1	12.24702
Lane_serv_inv	BOBJ1	63	168	After	Interior Girder 4	8	0.95	1	1	12.227145
Lane_serv_inv	BOBJ1	63	168	After	Interior Girder 5	8	0.95	1	1	12.439739
Lane_serv_inv	BOBJ1	63	168	After	Interior Girder 6	8	0.95	1	1	12.931006
Lane_serv_inv	BOBJ1	63	168	After	Right Exterior Girder	8	0.95	1	1	11.556738
Lane_serv_inv	BOBJ1	64	170	Before	Interior Girder 1	10	0.95	1	1	15.587938
Lane_serv_inv	BOBJ1	64	170	Before	Interior Girder 2	10	0.95	1	1	14.877738
Lane_serv_inv	BOBJ1	64	170	Before	Interior Girder 3	10	0.95	1	1	15.105182
Lane_serv_inv	BOBJ1	64	170	Before	Interior Girder 4	10	0.95	1	1	15.078821
Lane_serv_inv	BOBJ1	64	170	Before	Interior Girder 5	10	0.95	1	1	14.812917

TABLE: Bridge Super Rating AASHTORATE18 31 - SteelICompServ-Flx - Approach, Span 4-6										
Request	BridgeObj	BridgeCut	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	Unitless	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Lane_serv_inv	BOBJ1	64	170	Before	Interior Girder 6	10	0.95	1	1	15.636849
Lane_serv_inv	BOBJ1	65	170	After	Interior Girder 1	10	0.95	1	1	7.526621
Lane_serv_inv	BOBJ1	65	170	After	Interior Girder 2	10	0.95	1	1	7.407911
Lane_serv_inv	BOBJ1	65	170	After	Interior Girder 3	10	0.95	1	1	7.36494
Lane_serv_inv	BOBJ1	65	170	After	Interior Girder 4	10	0.95	1	1	7.346119
Lane_serv_inv	BOBJ1	65	170	After	Interior Girder 5	10	0.95	1	1	7.370619
Lane_serv_inv	BOBJ1	65	170	After	Interior Girder 6	10	0.95	1	1	7.551159
Lane_serv_inv	BOBJ1	66	176	Before	Left Exterior Girder	16	0.95	1	1	20.783071
Lane_serv_inv	BOBJ1	66	176	Before	Interior Girder 1	16	0.95	1	1	12.429994
Lane_serv_inv	BOBJ1	66	176	Before	Interior Girder 2	16	0.95	1	1	12.169727
Lane_serv_inv	BOBJ1	66	176	Before	Interior Girder 3	16	0.95	1	1	13.105928
Lane_serv_inv	BOBJ1	66	176	Before	Interior Girder 4	16	0.95	1	1	13.090534
Lane_serv_inv	BOBJ1	66	176	Before	Interior Girder 5	16	0.95	1	1	12.13375
Lane_serv_inv	BOBJ1	66	176	Before	Interior Girder 6	16	0.95	1	1	12.43975
Lane_serv_inv	BOBJ1	66	176	Before	Right Exterior Girder	16	0.95	1	1	20.86201
Lane_serv_inv	BOBJ1	67	176	After	Left Exterior Girder	16	0.95	1	1	20.541792
Lane_serv_inv	BOBJ1	67	176	After	Interior Girder 1	16	0.95	1	1	12.618219
Lane_serv_inv	BOBJ1	67	176	After	Interior Girder 2	16	0.95	1	1	12.272724
Lane_serv_inv	BOBJ1	67	176	After	Interior Girder 3	16	0.95	1	1	13.033007
Lane_serv_inv	BOBJ1	67	176	After	Interior Girder 4	16	0.95	1	1	13.016079
Lane_serv_inv	BOBJ1	67	176	After	Interior Girder 5	16	0.95	1	1	12.230083
Lane_serv_inv	BOBJ1	67	176	After	Interior Girder 6	16	0.95	1	1	12.628181
Lane_serv_inv	BOBJ1	67	176	After	Right Exterior Girder	16	0.95	1	1	20.618141
Lane_serv_inv	BOBJ1	68	181	Before	Interior Girder 1	21	0.95	1	1	10.939337
Lane_serv_inv	BOBJ1	68	181	Before	Interior Girder 2	21	0.95	1	1	11.055958
Lane_serv_inv	BOBJ1	68	181	Before	Interior Girder 3	21	0.95	1	1	11.23249
Lane_serv_inv	BOBJ1	68	181	Before	Interior Girder 4	21	0.95	1	1	11.218567
Lane_serv_inv	BOBJ1	68	181	Before	Interior Girder 5	21	0.95	1	1	10.994582
Lane_serv_inv	BOBJ1	68	181	Before	Interior Girder 6	21	0.95	1	1	10.968358
Lane_serv_inv	BOBJ1	69	181	After	Interior Girder 1	21	0.95	1	1	17.408244
Lane_serv_inv	BOBJ1	69	181	After	Interior Girder 2	21	0.95	1	1	17.520838
Lane_serv_inv	BOBJ1	69	181	After	Interior Girder 3	21	0.95	1	1	18.12911
Lane_serv_inv	BOBJ1	69	181	After	Interior Girder 4	21	0.95	1	1	18.105326
Lane_serv_inv	BOBJ1	69	181	After	Interior Girder 5	21	0.95	1	1	17.425913
Lane_serv_inv	BOBJ1	69	181	After	Interior Girder 6	21	0.95	1	1	17.455805
Lane_serv_inv	BOBJ1	70	184	Before	Left Exterior Girder	24	0.95	1	1	13.324801
Lane_serv_inv	BOBJ1	70	184	Before	Interior Girder 1	24	0.95	1	1	14.191384
Lane_serv_inv	BOBJ1	70	184	Before	Interior Girder 2	24	0.95	1	1	14.418107
Lane_serv_inv	BOBJ1	70	184	Before	Interior Girder 3	24	0.95	1	1	14.858925
Lane_serv_inv	BOBJ1	70	184	Before	Interior Girder 4	24	0.95	1	1	14.83947
Lane_serv_inv	BOBJ1	70	184	Before	Interior Girder 5	24	0.95	1	1	14.341349
Lane_serv_inv	BOBJ1	70	184	Before	Interior Girder 6	24	0.95	1	1	14.227666
Lane_serv_inv	BOBJ1	70	184	Before	Right Exterior Girder	24	0.95	1	1	13.368022
Lane_serv_inv	BOBJ1	71	184	After	Left Exterior Girder	24	0.95	1	1	13.395952
Lane_serv_inv	BOBJ1	71	184	After	Interior Girder 1	24	0.95	1	1	13.977463
Lane_serv_inv	BOBJ1	71	184	After	Interior Girder 2	24	0.95	1	1	14.440604
Lane_serv_inv	BOBJ1	71	184	After	Interior Girder 3	24	0.95	1	1	14.918921
Lane_serv_inv	BOBJ1	71	184	After	Interior Girder 4	24	0.95	1	1	14.904327
Lane_serv_inv	BOBJ1	71	184	After	Interior Girder 5	24	0.95	1	1	14.368267
Lane_serv_inv	BOBJ1	71	184	After	Interior Girder 6	24	0.95	1	1	14.012972
Lane_serv_inv	BOBJ1	71	184	After	Right Exterior Girder	24	0.95	1	1	13.433634
Lane_serv_inv	BOBJ1	72	192	Before	Left Exterior Girder	32	0.95	1	1	9.95946
Lane_serv_inv	BOBJ1	72	192	Before	Interior Girder 1	32	0.95	1	1	9.947416
Lane_serv_inv	BOBJ1	72	192	Before	Interior Girder 2	32	0.95	1	1	10.378218
Lane_serv_inv	BOBJ1	72	192	Before	Interior Girder 3	32	0.95	1	1	10.544477
Lane_serv_inv	BOBJ1	72	192	Before	Interior Girder 4	32	0.95	1	1	10.530368
Lane_serv_inv	BOBJ1	72	192	Before	Interior Girder 5	32	0.95	1	1	10.379127
Lane_serv_inv	BOBJ1	72	192	Before	Interior Girder 6	32	0.95	1	1	9.936921
Lane_serv_inv	BOBJ1	72	192	Before	Right Exterior Girder	32	0.95	1	1	9.995929
Lane_serv_inv	BOBJ1	73	192	After	Left Exterior Girder	32	0.95	1	1	10.011741
Lane_serv_inv	BOBJ1	73	192	After	Interior Girder 1	32	0.95	1	1	9.828399
Lane_serv_inv	BOBJ1	73	192	After	Interior Girder 2	32	0.95	1	1	10.355244
Lane_serv_inv	BOBJ1	73	192	After	Interior Girder 3	32	0.95	1	1	10.552054
Lane_serv_inv	BOBJ1	73	192	After	Interior Girder 4	32	0.95	1	1	10.53898
Lane_serv_inv	BOBJ1	73	192	After	Interior Girder 5	32	0.95	1	1	10.356019
Lane_serv_inv	BOBJ1	73	192	After	Interior Girder 6	32	0.95	1	1	9.819106
Lane_serv_inv	BOBJ1	73	192	After	Right Exterior Girder	32	0.95	1	1	10.046059
Lane_serv_inv	BOBJ1	74	200	Before	Left Exterior Girder	40	0.95	1	1	8.730704
Lane_serv_inv	BOBJ1	74	200	Before	Interior Girder 1	40	0.95	1	1	8.152285
Lane_serv_inv	BOBJ1	74	200	Before	Interior Girder 2	40	0.95	1	1	8.597218
Lane_serv_inv	BOBJ1	74	200	Before	Interior Girder 3	40	0.95	1	1	8.892777
Lane_serv_inv	BOBJ1	74	200	Before	Interior Girder 4	40	0.95	1	1	8.883782
Lane_serv_inv	BOBJ1	74	200	Before	Interior Girder 5	40	0.95	1	1	8.566341

TABLE: Bridge Super Rating AASHTORATE18 31 - SteelICompServ-Flx - Approach, Span 4-6										
Request	BridgeObj	BridgeCut	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	Unitless	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Lane_serv_inv	BOBJ1	74	200	Before	Interior Girder 6	40	0.95	1	1	8.164401
Lane_serv_inv	BOBJ1	74	200	Before	Right Exterior Girder	40	0.95	1	1	8.757615
Lane_serv_inv	BOBJ1	75	200	After	Left Exterior Girder	40	0.95	1	1	8.779713
Lane_serv_inv	BOBJ1	75	200	After	Interior Girder 1	40	0.95	1	1	8.115714
Lane_serv_inv	BOBJ1	75	200	After	Interior Girder 2	40	0.95	1	1	8.586852
Lane_serv_inv	BOBJ1	75	200	After	Interior Girder 3	40	0.95	1	1	8.889251
Lane_serv_inv	BOBJ1	75	200	After	Interior Girder 4	40	0.95	1	1	8.880262
Lane_serv_inv	BOBJ1	75	200	After	Interior Girder 5	40	0.95	1	1	8.555752
Lane_serv_inv	BOBJ1	75	200	After	Interior Girder 6	40	0.95	1	1	8.127978
Lane_serv_inv	BOBJ1	75	200	After	Right Exterior Girder	40	0.95	1	1	8.806315
Lane_serv_inv	BOBJ1	76	208	Before	Left Exterior Girder	48	0.95	1	1	8.405043
Lane_serv_inv	BOBJ1	76	208	Before	Interior Girder 1	48	0.95	1	1	7.99432
Lane_serv_inv	BOBJ1	76	208	Before	Interior Girder 2	48	0.95	1	1	8.488028
Lane_serv_inv	BOBJ1	76	208	Before	Interior Girder 3	48	0.95	1	1	8.76838
Lane_serv_inv	BOBJ1	76	208	Before	Interior Girder 4	48	0.95	1	1	8.757926
Lane_serv_inv	BOBJ1	76	208	Before	Interior Girder 5	48	0.95	1	1	8.487216
Lane_serv_inv	BOBJ1	76	208	Before	Interior Girder 6	48	0.95	1	1	7.988001
Lane_serv_inv	BOBJ1	76	208	Before	Right Exterior Girder	48	0.95	1	1	8.43269
Lane_serv_inv	BOBJ1	77	208	After	Left Exterior Girder	48	0.95	1	1	8.358268
Lane_serv_inv	BOBJ1	77	208	After	Interior Girder 1	48	0.95	1	1	8.020292
Lane_serv_inv	BOBJ1	77	208	After	Interior Girder 2	48	0.95	1	1	8.491204
Lane_serv_inv	BOBJ1	77	208	After	Interior Girder 3	48	0.95	1	1	8.757692
Lane_serv_inv	BOBJ1	77	208	After	Interior Girder 4	48	0.95	1	1	8.746576
Lane_serv_inv	BOBJ1	77	208	After	Interior Girder 5	48	0.95	1	1	8.489852
Lane_serv_inv	BOBJ1	77	208	After	Interior Girder 6	48	0.95	1	1	8.013512
Lane_serv_inv	BOBJ1	77	208	After	Right Exterior Girder	48	0.95	1	1	8.38697
Lane_serv_inv	BOBJ1	78	216	Before	Left Exterior Girder	56	0.95	1	1	10.099222
Lane_serv_inv	BOBJ1	78	216	Before	Interior Girder 1	56	0.95	1	1	9.052481
Lane_serv_inv	BOBJ1	78	216	Before	Interior Girder 2	56	0.95	1	1	9.574153
Lane_serv_inv	BOBJ1	78	216	Before	Interior Girder 3	56	0.95	1	1	9.984232
Lane_serv_inv	BOBJ1	78	216	Before	Interior Girder 4	56	0.95	1	1	9.974817
Lane_serv_inv	BOBJ1	78	216	Before	Interior Girder 5	56	0.95	1	1	9.531392
Lane_serv_inv	BOBJ1	78	216	Before	Interior Girder 6	56	0.95	1	1	9.071362
Lane_serv_inv	BOBJ1	78	216	Before	Right Exterior Girder	56	0.95	1	1	10.128359
Lane_serv_inv	BOBJ1	79	216	After	Left Exterior Girder	56	0.95	1	1	9.938778
Lane_serv_inv	BOBJ1	79	216	After	Interior Girder 1	56	0.95	1	1	9.163107
Lane_serv_inv	BOBJ1	79	216	After	Interior Girder 2	56	0.95	1	1	9.585589
Lane_serv_inv	BOBJ1	79	216	After	Interior Girder 3	56	0.95	1	1	9.945016
Lane_serv_inv	BOBJ1	79	216	After	Interior Girder 4	56	0.95	1	1	9.933885
Lane_serv_inv	BOBJ1	79	216	After	Interior Girder 5	56	0.95	1	1	9.540059
Lane_serv_inv	BOBJ1	79	216	After	Interior Girder 6	56	0.95	1	1	9.182192
Lane_serv_inv	BOBJ1	79	216	After	Right Exterior Girder	56	0.95	1	1	9.971121
Lane_serv_inv	BOBJ1	80	224	Before	Left Exterior Girder	64	0.95	1	1	13.791179
Lane_serv_inv	BOBJ1	80	224	Before	Interior Girder 1	64	0.95	1	1	12.849724
Lane_serv_inv	BOBJ1	80	224	Before	Interior Girder 2	64	0.95	1	1	13.450051
Lane_serv_inv	BOBJ1	80	224	Before	Interior Girder 3	64	0.95	1	1	13.858454
Lane_serv_inv	BOBJ1	80	224	Before	Interior Girder 4	64	0.95	1	1	13.841196
Lane_serv_inv	BOBJ1	80	224	Before	Interior Girder 5	64	0.95	1	1	13.433636
Lane_serv_inv	BOBJ1	80	224	Before	Interior Girder 6	64	0.95	1	1	12.846768
Lane_serv_inv	BOBJ1	80	224	Before	Right Exterior Girder	64	0.95	1	1	13.838117
Lane_serv_inv	BOBJ1	81	224	After	Left Exterior Girder	64	0.95	1	1	13.607052
Lane_serv_inv	BOBJ1	81	224	After	Interior Girder 1	64	0.95	1	1	13.159887
Lane_serv_inv	BOBJ1	81	224	After	Interior Girder 2	64	0.95	1	1	13.481681
Lane_serv_inv	BOBJ1	81	224	After	Interior Girder 3	64	0.95	1	1	13.743627
Lane_serv_inv	BOBJ1	81	224	After	Interior Girder 4	64	0.95	1	1	13.723954
Lane_serv_inv	BOBJ1	81	224	After	Interior Girder 5	64	0.95	1	1	13.453051
Lane_serv_inv	BOBJ1	81	224	After	Interior Girder 6	64	0.95	1	1	13.160846
Lane_serv_inv	BOBJ1	81	224	After	Right Exterior Girder	64	0.95	1	1	13.659395
Lane_serv_inv	BOBJ1	82	232	Before	Left Exterior Girder	72	0.95	1	1	26.486434
Lane_serv_inv	BOBJ1	82	232	Before	Interior Girder 1	72	0.95	1	1	25.258113
Lane_serv_inv	BOBJ1	82	232	Before	Interior Girder 2	72	0.95	1	1	26.197674
Lane_serv_inv	BOBJ1	82	232	Before	Interior Girder 3	72	0.95	1	1	27.915361
Lane_serv_inv	BOBJ1	82	232	Before	Interior Girder 4	72	0.95	1	1	27.890714
Lane_serv_inv	BOBJ1	82	232	Before	Interior Girder 5	72	0.95	1	1	26.041
Lane_serv_inv	BOBJ1	82	232	Before	Interior Girder 6	72	0.95	1	1	25.343858
Lane_serv_inv	BOBJ1	82	232	Before	Right Exterior Girder	72	0.95	1	1	26.561599
Lane_serv_inv	BOBJ1	83	232	After	Left Exterior Girder	72	0.95	1	1	26.250808
Lane_serv_inv	BOBJ1	83	232	After	Interior Girder 1	72	0.95	1	1	26.061451
Lane_serv_inv	BOBJ1	83	232	After	Interior Girder 2	72	0.95	1	1	26.138471
Lane_serv_inv	BOBJ1	83	232	After	Interior Girder 3	72	0.95	1	1	27.343797
Lane_serv_inv	BOBJ1	83	232	After	Interior Girder 4	72	0.95	1	1	27.322401
Lane_serv_inv	BOBJ1	83	232	After	Interior Girder 5	72	0.95	1	1	25.906451
Lane_serv_inv	BOBJ1	83	232	After	Interior Girder 6	72	0.95	1	1	26.189872

TABLE: Bridge Super Rating AASHTORATE18 31 - SteelICompServ-Flx - Approach, Span 4-6										
Request	BridgeObj	BridgeCut	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	Unitless	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Lane_serv_inv	BOBJ1	83	232	After	Right Exterior Girder	72	0.95	1	1	26.328132
Lane_serv_inv	BOBJ1	84	240	Before	Left Exterior Girder	80	0.95	1	1	210.648611
Lane_serv_inv	BOBJ1	84	240	Before	Interior Girder 1	80	0.95	1	1	155.340315
Lane_serv_inv	BOBJ1	84	240	Before	Interior Girder 2	80	0.95	1	1	153.581836
Lane_serv_inv	BOBJ1	84	240	Before	Interior Girder 3	80	0.95	1	1	98.656616
Lane_serv_inv	BOBJ1	84	240	Before	Interior Girder 4	80	0.95	1	1	98.57106
Lane_serv_inv	BOBJ1	84	240	Before	Interior Girder 5	80	0.95	1	1	141.766062
Lane_serv_inv	BOBJ1	84	240	Before	Interior Girder 6	80	0.95	1	1	155.340314
Lane_serv_inv	BOBJ1	84	240	Before	Right Exterior Girder	80	0.95	1	1	211.12527
SU4_serv	BOBJ1	1	0	After	Left Exterior Girder	0	0.95	1	1	528.84917
SU4_serv	BOBJ1	1	0	After	Interior Girder 1	0	0.95	1	1	581.303534
SU4_serv	BOBJ1	1	0	After	Interior Girder 2	0	0.95	1	1	399.902454
SU4_serv	BOBJ1	1	0	After	Interior Girder 3	0	0.95	1	1	260.499357
SU4_serv	BOBJ1	1	0	After	Interior Girder 4	0	0.95	1	1	264.701157
SU4_serv	BOBJ1	1	0	After	Interior Girder 5	0	0.95	1	1	395.563937
SU4_serv	BOBJ1	1	0	After	Interior Girder 6	0	0.95	1	1	552.312036
SU4_serv	BOBJ1	1	0	After	Right Exterior Girder	0	0.95	1	1	536.052252
SU4_serv	BOBJ1	2	8	Before	Left Exterior Girder	8	0.95	1	1	8.806445
SU4_serv	BOBJ1	2	8	Before	Interior Girder 1	8	0.95	1	1	7.807853
SU4_serv	BOBJ1	2	8	Before	Interior Girder 2	8	0.95	1	1	7.326802
SU4_serv	BOBJ1	2	8	Before	Interior Girder 3	8	0.95	1	1	6.786358
SU4_serv	BOBJ1	2	8	Before	Interior Girder 4	8	0.95	1	1	6.82636
SU4_serv	BOBJ1	2	8	Before	Interior Girder 5	8	0.95	1	1	7.301719
SU4_serv	BOBJ1	2	8	Before	Interior Girder 6	8	0.95	1	1	7.839114
SU4_serv	BOBJ1	2	8	Before	Right Exterior Girder	8	0.95	1	1	8.81812
SU4_serv	BOBJ1	3	8	After	Left Exterior Girder	8	0.95	1	1	8.788311
SU4_serv	BOBJ1	3	8	After	Interior Girder 1	8	0.95	1	1	7.805899
SU4_serv	BOBJ1	3	8	After	Interior Girder 2	8	0.95	1	1	7.483732
SU4_serv	BOBJ1	3	8	After	Interior Girder 3	8	0.95	1	1	7.053307
SU4_serv	BOBJ1	3	8	After	Interior Girder 4	8	0.95	1	1	7.090614
SU4_serv	BOBJ1	3	8	After	Interior Girder 5	8	0.95	1	1	7.460438
SU4_serv	BOBJ1	3	8	After	Interior Girder 6	8	0.95	1	1	7.834032
SU4_serv	BOBJ1	3	8	After	Right Exterior Girder	8	0.95	1	1	8.798296
SU4_serv	BOBJ1	4	16	Before	Left Exterior Girder	16	0.95	1	1	4.659929
SU4_serv	BOBJ1	4	16	Before	Interior Girder 1	16	0.95	1	1	4.80351
SU4_serv	BOBJ1	4	16	Before	Interior Girder 2	16	0.95	1	1	4.547329
SU4_serv	BOBJ1	4	16	Before	Interior Girder 3	16	0.95	1	1	4.496598
SU4_serv	BOBJ1	4	16	Before	Interior Girder 4	16	0.95	1	1	4.496683
SU4_serv	BOBJ1	4	16	Before	Interior Girder 5	16	0.95	1	1	4.543577
SU4_serv	BOBJ1	4	16	Before	Interior Girder 6	16	0.95	1	1	4.803438
SU4_serv	BOBJ1	4	16	Before	Right Exterior Girder	16	0.95	1	1	4.665906
SU4_serv	BOBJ1	5	16	After	Left Exterior Girder	16	0.95	1	1	4.691562
SU4_serv	BOBJ1	5	16	After	Interior Girder 1	16	0.95	1	1	4.749551
SU4_serv	BOBJ1	5	16	After	Interior Girder 2	16	0.95	1	1	4.55252
SU4_serv	BOBJ1	5	16	After	Interior Girder 3	16	0.95	1	1	4.549438
SU4_serv	BOBJ1	5	16	After	Interior Girder 4	16	0.95	1	1	4.552073
SU4_serv	BOBJ1	5	16	After	Interior Girder 5	16	0.95	1	1	4.550311
SU4_serv	BOBJ1	5	16	After	Interior Girder 6	16	0.95	1	1	4.74929
SU4_serv	BOBJ1	5	16	After	Right Exterior Girder	16	0.95	1	1	4.697159
SU4_serv	BOBJ1	6	20.5	Before	Left Exterior Girder	20.5	0.95	1	1	3.989798
SU4_serv	BOBJ1	6	20.5	Before	Right Exterior Girder	20.5	0.95	1	1	3.993269
SU4_serv	BOBJ1	7	20.5	After	Left Exterior Girder	20.5	0.95	1	1	4.761746
SU4_serv	BOBJ1	7	20.5	After	Right Exterior Girder	20.5	0.95	1	1	4.765649
SU4_serv	BOBJ1	8	24	Before	Left Exterior Girder	24	0.95	1	1	4.378479
SU4_serv	BOBJ1	8	24	Before	Interior Girder 1	24	0.95	1	1	3.475203
SU4_serv	BOBJ1	8	24	Before	Interior Girder 2	24	0.95	1	1	3.431496
SU4_serv	BOBJ1	8	24	Before	Interior Girder 3	24	0.95	1	1	3.451439
SU4_serv	BOBJ1	8	24	Before	Interior Girder 4	24	0.95	1	1	3.461402
SU4_serv	BOBJ1	8	24	Before	Interior Girder 5	24	0.95	1	1	3.423623
SU4_serv	BOBJ1	8	24	Before	Interior Girder 6	24	0.95	1	1	3.482521
SU4_serv	BOBJ1	8	24	Before	Right Exterior Girder	24	0.95	1	1	4.382546
SU4_serv	BOBJ1	9	24	After	Left Exterior Girder	24	0.95	1	1	4.365063
SU4_serv	BOBJ1	9	24	After	Interior Girder 1	24	0.95	1	1	3.486905
SU4_serv	BOBJ1	9	24	After	Interior Girder 2	24	0.95	1	1	3.430223
SU4_serv	BOBJ1	9	24	After	Interior Girder 3	24	0.95	1	1	3.469397
SU4_serv	BOBJ1	9	24	After	Interior Girder 4	24	0.95	1	1	3.482066
SU4_serv	BOBJ1	9	24	After	Interior Girder 5	24	0.95	1	1	3.422442
SU4_serv	BOBJ1	9	24	After	Interior Girder 6	24	0.95	1	1	3.494181
SU4_serv	BOBJ1	9	24	After	Right Exterior Girder	24	0.95	1	1	4.368965
SU4_serv	BOBJ1	10	32	Before	Left Exterior Girder	32	0.95	1	1	3.798094
SU4_serv	BOBJ1	10	32	Before	Interior Girder 1	32	0.95	1	1	3.319818
SU4_serv	BOBJ1	10	32	Before	Interior Girder 2	32	0.95	1	1	3.270032
SU4_serv	BOBJ1	10	32	Before	Interior Girder 3	32	0.95	1	1	3.37088

TABLE: Bridge Super Rating AASHTORATE18 31 - SteelICompServ-Flx - Approach, Span 4-6										
Request	BridgeObj	BridgeCut	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	Unitless	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
SU4_serv	BOBJ1	10	32	Before	Interior Girder 4	32	0.95	1	1	3.371705
SU4_serv	BOBJ1	10	32	Before	Interior Girder 5	32	0.95	1	1	3.267655
SU4_serv	BOBJ1	10	32	Before	Interior Girder 6	32	0.95	1	1	3.319488
SU4_serv	BOBJ1	10	32	Before	Right Exterior Girder	32	0.95	1	1	3.802868
SU4_serv	BOBJ1	11	32	After	Left Exterior Girder	32	0.95	1	1	3.807237
SU4_serv	BOBJ1	11	32	After	Interior Girder 1	32	0.95	1	1	3.320478
SU4_serv	BOBJ1	11	32	After	Interior Girder 2	32	0.95	1	1	3.262981
SU4_serv	BOBJ1	11	32	After	Interior Girder 3	32	0.95	1	1	3.366424
SU4_serv	BOBJ1	11	32	After	Interior Girder 4	32	0.95	1	1	3.367884
SU4_serv	BOBJ1	11	32	After	Interior Girder 5	32	0.95	1	1	3.261363
SU4_serv	BOBJ1	11	32	After	Interior Girder 6	32	0.95	1	1	3.320225
SU4_serv	BOBJ1	11	32	After	Right Exterior Girder	32	0.95	1	1	3.811725
SU4_serv	BOBJ1	12	40	Before	Left Exterior Girder	40	0.95	1	1	4.042334
SU4_serv	BOBJ1	12	40	Before	Interior Girder 1	40	0.95	1	1	3.325707
SU4_serv	BOBJ1	12	40	Before	Interior Girder 2	40	0.95	1	1	3.30215
SU4_serv	BOBJ1	12	40	Before	Interior Girder 3	40	0.95	1	1	3.38992
SU4_serv	BOBJ1	12	40	Before	Interior Girder 4	40	0.95	1	1	3.403643
SU4_serv	BOBJ1	12	40	Before	Interior Girder 5	40	0.95	1	1	3.295771
SU4_serv	BOBJ1	12	40	Before	Interior Girder 6	40	0.95	1	1	3.332197
SU4_serv	BOBJ1	12	40	Before	Right Exterior Girder	40	0.95	1	1	4.045802
SU4_serv	BOBJ1	13	40	After	Left Exterior Girder	40	0.95	1	1	4.052514
SU4_serv	BOBJ1	13	40	After	Interior Girder 1	40	0.95	1	1	3.334683
SU4_serv	BOBJ1	13	40	After	Interior Girder 2	40	0.95	1	1	3.294757
SU4_serv	BOBJ1	13	40	After	Interior Girder 3	40	0.95	1	1	3.381006
SU4_serv	BOBJ1	13	40	After	Interior Girder 4	40	0.95	1	1	3.391385
SU4_serv	BOBJ1	13	40	After	Interior Girder 5	40	0.95	1	1	3.287786
SU4_serv	BOBJ1	13	40	After	Interior Girder 6	40	0.95	1	1	3.341284
SU4_serv	BOBJ1	13	40	After	Right Exterior Girder	40	0.95	1	1	4.056066
SU4_serv	BOBJ1	14	46.5	Before	Left Exterior Girder	46.5	0.95	1	1	4.36791
SU4_serv	BOBJ1	14	46.5	Before	Right Exterior Girder	46.5	0.95	1	1	4.372747
SU4_serv	BOBJ1	15	46.5	After	Left Exterior Girder	46.5	0.95	1	1	3.761967
SU4_serv	BOBJ1	15	46.5	After	Right Exterior Girder	46.5	0.95	1	1	3.766251
SU4_serv	BOBJ1	16	48	Before	Left Exterior Girder	48	0.95	1	1	3.870054
SU4_serv	BOBJ1	16	48	Before	Interior Girder 1	48	0.95	1	1	4.05129
SU4_serv	BOBJ1	16	48	Before	Interior Girder 2	48	0.95	1	1	4.016179
SU4_serv	BOBJ1	16	48	Before	Interior Girder 3	48	0.95	1	1	4.126667
SU4_serv	BOBJ1	16	48	Before	Interior Girder 4	48	0.95	1	1	4.129776
SU4_serv	BOBJ1	16	48	Before	Interior Girder 5	48	0.95	1	1	4.015032
SU4_serv	BOBJ1	16	48	Before	Interior Girder 6	48	0.95	1	1	4.051042
SU4_serv	BOBJ1	16	48	Before	Right Exterior Girder	48	0.95	1	1	3.87474
SU4_serv	BOBJ1	17	48	After	Left Exterior Girder	48	0.95	1	1	3.856778
SU4_serv	BOBJ1	17	48	After	Interior Girder 1	48	0.95	1	1	4.095168
SU4_serv	BOBJ1	17	48	After	Interior Girder 2	48	0.95	1	1	4.020775
SU4_serv	BOBJ1	17	48	After	Interior Girder 3	48	0.95	1	1	4.120506
SU4_serv	BOBJ1	17	48	After	Interior Girder 4	48	0.95	1	1	4.122694
SU4_serv	BOBJ1	17	48	After	Interior Girder 5	48	0.95	1	1	4.017645
SU4_serv	BOBJ1	17	48	After	Interior Girder 6	48	0.95	1	1	4.094844
SU4_serv	BOBJ1	17	48	After	Right Exterior Girder	48	0.95	1	1	3.861544
SU4_serv	BOBJ1	18	56	Before	Left Exterior Girder	56	0.95	1	1	5.262326
SU4_serv	BOBJ1	18	56	Before	Interior Girder 1	56	0.95	1	1	5.404443
SU4_serv	BOBJ1	18	56	Before	Interior Girder 2	56	0.95	1	1	5.230447
SU4_serv	BOBJ1	18	56	Before	Interior Girder 3	56	0.95	1	1	5.260756
SU4_serv	BOBJ1	18	56	Before	Interior Girder 4	56	0.95	1	1	5.288804
SU4_serv	BOBJ1	18	56	Before	Interior Girder 5	56	0.95	1	1	5.219057
SU4_serv	BOBJ1	18	56	Before	Interior Girder 6	56	0.95	1	1	5.418223
SU4_serv	BOBJ1	18	56	Before	Right Exterior Girder	56	0.95	1	1	5.266355
SU4_serv	BOBJ1	19	56	After	Left Exterior Girder	56	0.95	1	1	5.207429
SU4_serv	BOBJ1	19	56	After	Interior Girder 1	56	0.95	1	1	5.485895
SU4_serv	BOBJ1	19	56	After	Interior Girder 2	56	0.95	1	1	5.219683
SU4_serv	BOBJ1	19	56	After	Interior Girder 3	56	0.95	1	1	5.222479
SU4_serv	BOBJ1	19	56	After	Interior Girder 4	56	0.95	1	1	5.242524
SU4_serv	BOBJ1	19	56	After	Interior Girder 5	56	0.95	1	1	5.20576
SU4_serv	BOBJ1	19	56	After	Interior Girder 6	56	0.95	1	1	5.500243
SU4_serv	BOBJ1	19	56	After	Right Exterior Girder	56	0.95	1	1	5.212473
SU4_serv	BOBJ1	20	59	Before	Interior Girder 1	59	0.95	1	1	6.560623
SU4_serv	BOBJ1	20	59	Before	Interior Girder 2	59	0.95	1	1	6.157825
SU4_serv	BOBJ1	20	59	Before	Interior Girder 3	59	0.95	1	1	6.17936
SU4_serv	BOBJ1	20	59	Before	Interior Girder 4	59	0.95	1	1	6.208261
SU4_serv	BOBJ1	20	59	Before	Interior Girder 5	59	0.95	1	1	6.143953
SU4_serv	BOBJ1	20	59	Before	Interior Girder 6	59	0.95	1	1	6.575539
SU4_serv	BOBJ1	21	59	After	Interior Girder 1	59	0.95	1	1	3.772916
SU4_serv	BOBJ1	21	59	After	Interior Girder 2	59	0.95	1	1	3.566674
SU4_serv	BOBJ1	21	59	After	Interior Girder 3	59	0.95	1	1	3.500083

TABLE: Bridge Super Rating AASHTORATE18 31 - SteelICompServ-Flx - Approach, Span 4-6										
Request	BridgeObj	BridgeCut	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	Unitless	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
SU4_serv	BOBJ1	21	59	After	Interior Girder 4	59	0.95	1	1	3.516307
SU4_serv	BOBJ1	21	59	After	Interior Girder 5	59	0.95	1	1	3.558782
SU4_serv	BOBJ1	21	59	After	Interior Girder 6	59	0.95	1	1	3.781307
SU4_serv	BOBJ1	22	64	Before	Left Exterior Girder	64	0.95	1	1	8.127195
SU4_serv	BOBJ1	22	64	Before	Interior Girder 1	64	0.95	1	1	5.102513
SU4_serv	BOBJ1	22	64	Before	Interior Girder 2	64	0.95	1	1	5.234752
SU4_serv	BOBJ1	22	64	Before	Interior Girder 3	64	0.95	1	1	5.408004
SU4_serv	BOBJ1	22	64	Before	Interior Girder 4	64	0.95	1	1	5.405796
SU4_serv	BOBJ1	22	64	Before	Interior Girder 5	64	0.95	1	1	5.230542
SU4_serv	BOBJ1	22	64	Before	Interior Girder 6	64	0.95	1	1	5.103158
SU4_serv	BOBJ1	22	64	Before	Right Exterior Girder	64	0.95	1	1	8.134213
SU4_serv	BOBJ1	23	64	After	Left Exterior Girder	64	0.95	1	1	8.010431
SU4_serv	BOBJ1	23	64	After	Interior Girder 1	64	0.95	1	1	5.068299
SU4_serv	BOBJ1	23	64	After	Interior Girder 2	64	0.95	1	1	5.209526
SU4_serv	BOBJ1	23	64	After	Interior Girder 3	64	0.95	1	1	5.406195
SU4_serv	BOBJ1	23	64	After	Interior Girder 4	64	0.95	1	1	5.403754
SU4_serv	BOBJ1	23	64	After	Interior Girder 5	64	0.95	1	1	5.205547
SU4_serv	BOBJ1	23	64	After	Interior Girder 6	64	0.95	1	1	5.068784
SU4_serv	BOBJ1	23	64	After	Right Exterior Girder	64	0.95	1	1	8.021172
SU4_serv	BOBJ1	24	69	Before	Interior Girder 1	69	0.95	1	1	3.912203
SU4_serv	BOBJ1	24	69	Before	Interior Girder 2	69	0.95	1	1	3.990974
SU4_serv	BOBJ1	24	69	Before	Interior Girder 3	69	0.95	1	1	3.916059
SU4_serv	BOBJ1	24	69	Before	Interior Girder 4	69	0.95	1	1	3.914258
SU4_serv	BOBJ1	24	69	Before	Interior Girder 5	69	0.95	1	1	3.986462
SU4_serv	BOBJ1	24	69	Before	Interior Girder 6	69	0.95	1	1	3.913253
SU4_serv	BOBJ1	25	69	After	Interior Girder 1	69	0.95	1	1	8.22948
SU4_serv	BOBJ1	25	69	After	Interior Girder 2	69	0.95	1	1	8.309913
SU4_serv	BOBJ1	25	69	After	Interior Girder 3	69	0.95	1	1	8.221398
SU4_serv	BOBJ1	25	69	After	Interior Girder 4	69	0.95	1	1	8.21724
SU4_serv	BOBJ1	25	69	After	Interior Girder 5	69	0.95	1	1	8.30101
SU4_serv	BOBJ1	25	69	After	Interior Girder 6	69	0.95	1	1	8.231294
SU4_serv	BOBJ1	26	72	Before	Left Exterior Girder	72	0.95	1	1	6.018259
SU4_serv	BOBJ1	26	72	Before	Interior Girder 1	72	0.95	1	1	7.377144
SU4_serv	BOBJ1	26	72	Before	Interior Girder 2	72	0.95	1	1	7.39052
SU4_serv	BOBJ1	26	72	Before	Interior Girder 3	72	0.95	1	1	7.117926
SU4_serv	BOBJ1	26	72	Before	Interior Girder 4	72	0.95	1	1	7.114465
SU4_serv	BOBJ1	26	72	Before	Interior Girder 5	72	0.95	1	1	7.381191
SU4_serv	BOBJ1	26	72	Before	Interior Girder 6	72	0.95	1	1	7.379583
SU4_serv	BOBJ1	26	72	Before	Right Exterior Girder	72	0.95	1	1	6.024398
SU4_serv	BOBJ1	27	72	After	Left Exterior Girder	72	0.95	1	1	6.039515
SU4_serv	BOBJ1	27	72	After	Interior Girder 1	72	0.95	1	1	7.296317
SU4_serv	BOBJ1	27	72	After	Interior Girder 2	72	0.95	1	1	7.304733
SU4_serv	BOBJ1	27	72	After	Interior Girder 3	72	0.95	1	1	7.066386
SU4_serv	BOBJ1	27	72	After	Interior Girder 4	72	0.95	1	1	7.062292
SU4_serv	BOBJ1	27	72	After	Interior Girder 5	72	0.95	1	1	7.295212
SU4_serv	BOBJ1	27	72	After	Interior Girder 6	72	0.95	1	1	7.298868
SU4_serv	BOBJ1	27	72	After	Right Exterior Girder	72	0.95	1	1	6.045587
SU4_serv	BOBJ1	28	72.5	Before	Left Exterior Girder	72.5	0.95	1	1	5.864156
SU4_serv	BOBJ1	28	72.5	Before	Right Exterior Girder	72.5	0.95	1	1	5.870184
SU4_serv	BOBJ1	29	72.5	After	Left Exterior Girder	72.5	0.95	1	1	8.707947
SU4_serv	BOBJ1	29	72.5	After	Right Exterior Girder	72.5	0.95	1	1	8.71701
SU4_serv	BOBJ1	30	80	Before	Left Exterior Girder	80	0.95	1	1	6.390039
SU4_serv	BOBJ1	30	80	Before	Interior Girder 1	80	0.95	1	1	5.149864
SU4_serv	BOBJ1	30	80	Before	Interior Girder 2	80	0.95	1	1	4.851481
SU4_serv	BOBJ1	30	80	Before	Interior Girder 3	80	0.95	1	1	4.108174
SU4_serv	BOBJ1	30	80	Before	Interior Girder 4	80	0.95	1	1	4.115842
SU4_serv	BOBJ1	30	80	Before	Interior Girder 5	80	0.95	1	1	4.839901
SU4_serv	BOBJ1	30	80	Before	Interior Girder 6	80	0.95	1	1	5.152672
SU4_serv	BOBJ1	30	80	Before	Right Exterior Girder	80	0.95	1	1	6.398065
SU4_serv	BOBJ1	31	80	After	Left Exterior Girder	0	0.95	1	1	6.18922
SU4_serv	BOBJ1	31	80	After	Interior Girder 1	0	0.95	1	1	5.004634
SU4_serv	BOBJ1	31	80	After	Interior Girder 2	0	0.95	1	1	4.784426
SU4_serv	BOBJ1	31	80	After	Interior Girder 3	0	0.95	1	1	4.07116
SU4_serv	BOBJ1	31	80	After	Interior Girder 4	0	0.95	1	1	4.08101
SU4_serv	BOBJ1	31	80	After	Interior Girder 5	0	0.95	1	1	4.774516
SU4_serv	BOBJ1	31	80	After	Interior Girder 6	0	0.95	1	1	5.012873
SU4_serv	BOBJ1	31	80	After	Right Exterior Girder	0	0.95	1	1	6.197308
SU4_serv	BOBJ1	32	87.5	Before	Left Exterior Girder	7.5	0.95	1	1	9.413478
SU4_serv	BOBJ1	32	87.5	Before	Right Exterior Girder	7.5	0.95	1	1	9.423595
SU4_serv	BOBJ1	33	87.5	After	Left Exterior Girder	7.5	0.95	1	1	6.256103
SU4_serv	BOBJ1	33	87.5	After	Right Exterior Girder	7.5	0.95	1	1	6.262634
SU4_serv	BOBJ1	34	88	Before	Left Exterior Girder	8	0.95	1	1	6.414726
SU4_serv	BOBJ1	34	88	Before	Interior Girder 1	8	0.95	1	1	7.317795

TABLE: Bridge Super Rating AASHTORATE18 31 - SteelICompServ-Flx - Approach, Span 4-6										
Request	BridgeObj	BridgeCut	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	Unitless	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
SU4_serv	BOBJ1	34	88	Before	Interior Girder 2	8	0.95	1	1	7.260213
SU4_serv	BOBJ1	34	88	Before	Interior Girder 3	8	0.95	1	1	6.913494
SU4_serv	BOBJ1	34	88	Before	Interior Girder 4	8	0.95	1	1	6.909777
SU4_serv	BOBJ1	34	88	Before	Interior Girder 5	8	0.95	1	1	7.250514
SU4_serv	BOBJ1	34	88	Before	Interior Girder 6	8	0.95	1	1	7.320258
SU4_serv	BOBJ1	34	88	Before	Right Exterior Girder	8	0.95	1	1	6.42132
SU4_serv	BOBJ1	35	88	After	Left Exterior Girder	8	0.95	1	1	6.45621
SU4_serv	BOBJ1	35	88	After	Interior Girder 1	8	0.95	1	1	7.334804
SU4_serv	BOBJ1	35	88	After	Interior Girder 2	8	0.95	1	1	7.343124
SU4_serv	BOBJ1	35	88	After	Interior Girder 3	8	0.95	1	1	6.964142
SU4_serv	BOBJ1	35	88	After	Interior Girder 4	8	0.95	1	1	6.961112
SU4_serv	BOBJ1	35	88	After	Interior Girder 5	8	0.95	1	1	7.333672
SU4_serv	BOBJ1	35	88	After	Interior Girder 6	8	0.95	1	1	7.337091
SU4_serv	BOBJ1	35	88	After	Right Exterior Girder	8	0.95	1	1	6.462606
SU4_serv	BOBJ1	36	91	Before	Interior Girder 1	11	0.95	1	1	8.10264
SU4_serv	BOBJ1	36	91	Before	Interior Girder 2	11	0.95	1	1	8.228708
SU4_serv	BOBJ1	36	91	Before	Interior Girder 3	11	0.95	1	1	8.045493
SU4_serv	BOBJ1	36	91	Before	Interior Girder 4	11	0.95	1	1	8.041261
SU4_serv	BOBJ1	36	91	Before	Interior Girder 5	11	0.95	1	1	8.21969
SU4_serv	BOBJ1	36	91	Before	Interior Girder 6	11	0.95	1	1	8.104327
SU4_serv	BOBJ1	37	91	After	Interior Girder 1	11	0.95	1	1	3.580753
SU4_serv	BOBJ1	37	91	After	Interior Girder 2	11	0.95	1	1	3.689009
SU4_serv	BOBJ1	37	91	After	Interior Girder 3	11	0.95	1	1	3.577135
SU4_serv	BOBJ1	37	91	After	Interior Girder 4	11	0.95	1	1	3.575656
SU4_serv	BOBJ1	37	91	After	Interior Girder 5	11	0.95	1	1	3.684804
SU4_serv	BOBJ1	37	91	After	Interior Girder 6	11	0.95	1	1	3.581647
SU4_serv	BOBJ1	38	96	Before	Left Exterior Girder	16	0.95	1	1	9.006545
SU4_serv	BOBJ1	38	96	Before	Interior Girder 1	16	0.95	1	1	4.554845
SU4_serv	BOBJ1	38	96	Before	Interior Girder 2	16	0.95	1	1	4.767675
SU4_serv	BOBJ1	38	96	Before	Interior Girder 3	16	0.95	1	1	4.948311
SU4_serv	BOBJ1	38	96	Before	Interior Girder 4	16	0.95	1	1	4.945999
SU4_serv	BOBJ1	38	96	Before	Interior Girder 5	16	0.95	1	1	4.764047
SU4_serv	BOBJ1	38	96	Before	Interior Girder 6	16	0.95	1	1	4.55522
SU4_serv	BOBJ1	38	96	Before	Right Exterior Girder	16	0.95	1	1	9.013362
SU4_serv	BOBJ1	39	96	After	Left Exterior Girder	16	0.95	1	1	4.256686
SU4_serv	BOBJ1	39	96	After	Interior Girder 1	16	0.95	1	1	4.604378
SU4_serv	BOBJ1	39	96	After	Interior Girder 2	16	0.95	1	1	4.778142
SU4_serv	BOBJ1	39	96	After	Interior Girder 3	16	0.95	1	1	4.926091
SU4_serv	BOBJ1	39	96	After	Interior Girder 4	16	0.95	1	1	4.924009
SU4_serv	BOBJ1	39	96	After	Interior Girder 5	16	0.95	1	1	4.77418
SU4_serv	BOBJ1	39	96	After	Interior Girder 6	16	0.95	1	1	4.604933
SU4_serv	BOBJ1	39	96	After	Right Exterior Girder	16	0.95	1	1	4.260073
SU4_serv	BOBJ1	40	104	Before	Left Exterior Girder	24	0.95	1	1	5.350667
SU4_serv	BOBJ1	40	104	Before	Interior Girder 1	24	0.95	1	1	4.406403
SU4_serv	BOBJ1	40	104	Before	Interior Girder 2	24	0.95	1	1	4.196202
SU4_serv	BOBJ1	40	104	Before	Interior Girder 3	24	0.95	1	1	4.123263
SU4_serv	BOBJ1	40	104	Before	Interior Girder 4	24	0.95	1	1	4.146926
SU4_serv	BOBJ1	40	104	Before	Interior Girder 5	24	0.95	1	1	4.186282
SU4_serv	BOBJ1	40	104	Before	Interior Girder 6	24	0.95	1	1	4.419245
SU4_serv	BOBJ1	40	104	Before	Right Exterior Girder	24	0.95	1	1	5.355782
SU4_serv	BOBJ1	41	104	After	Left Exterior Girder	24	0.95	1	1	5.475294
SU4_serv	BOBJ1	41	104	After	Interior Girder 1	24	0.95	1	1	4.338023
SU4_serv	BOBJ1	41	104	After	Interior Girder 2	24	0.95	1	1	4.190491
SU4_serv	BOBJ1	41	104	After	Interior Girder 3	24	0.95	1	1	4.168467
SU4_serv	BOBJ1	41	104	After	Interior Girder 4	24	0.95	1	1	4.194691
SU4_serv	BOBJ1	41	104	After	Interior Girder 5	24	0.95	1	1	4.183115
SU4_serv	BOBJ1	41	104	After	Interior Girder 6	24	0.95	1	1	4.350304
SU4_serv	BOBJ1	41	104	After	Right Exterior Girder	24	0.95	1	1	5.480018
SU4_serv	BOBJ1	42	112	Before	Left Exterior Girder	32	0.95	1	1	3.619906
SU4_serv	BOBJ1	42	112	Before	Interior Girder 1	32	0.95	1	1	3.548261
SU4_serv	BOBJ1	42	112	Before	Interior Girder 2	32	0.95	1	1	3.470275
SU4_serv	BOBJ1	42	112	Before	Interior Girder 3	32	0.95	1	1	3.562132
SU4_serv	BOBJ1	42	112	Before	Interior Girder 4	32	0.95	1	1	3.563489
SU4_serv	BOBJ1	42	112	Before	Interior Girder 5	32	0.95	1	1	3.46967
SU4_serv	BOBJ1	42	112	Before	Interior Girder 6	32	0.95	1	1	3.54758
SU4_serv	BOBJ1	42	112	Before	Right Exterior Girder	32	0.95	1	1	3.624793
SU4_serv	BOBJ1	43	112	After	Left Exterior Girder	32	0.95	1	1	3.669865
SU4_serv	BOBJ1	43	112	After	Interior Girder 1	32	0.95	1	1	3.516465
SU4_serv	BOBJ1	43	112	After	Interior Girder 2	32	0.95	1	1	3.460265
SU4_serv	BOBJ1	43	112	After	Interior Girder 3	32	0.95	1	1	3.565209
SU4_serv	BOBJ1	43	112	After	Interior Girder 4	32	0.95	1	1	3.566317
SU4_serv	BOBJ1	43	112	After	Interior Girder 5	32	0.95	1	1	3.460745
SU4_serv	BOBJ1	43	112	After	Interior Girder 6	32	0.95	1	1	3.515891

TABLE: Bridge Super Rating AASHTORATE18 31 - SteelICompServ-Flx - Approach, Span 4-6										
Request	BridgeObj	BridgeCut	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	Unitless	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
SU4_serv	BOBJ1	43	112	After	Right Exterior Girder	32	0.95	1	1	3.674663
SU4_serv	BOBJ1	44	120	Before	Left Exterior Girder	40	0.95	1	1	3.438736
SU4_serv	BOBJ1	44	120	Before	Interior Girder 1	40	0.95	1	1	3.083978
SU4_serv	BOBJ1	44	120	Before	Interior Girder 2	40	0.95	1	1	3.071352
SU4_serv	BOBJ1	44	120	Before	Interior Girder 3	40	0.95	1	1	3.106743
SU4_serv	BOBJ1	44	120	Before	Interior Girder 4	40	0.95	1	1	3.120177
SU4_serv	BOBJ1	44	120	Before	Interior Girder 5	40	0.95	1	1	3.064115
SU4_serv	BOBJ1	44	120	Before	Interior Girder 6	40	0.95	1	1	3.091126
SU4_serv	BOBJ1	44	120	Before	Right Exterior Girder	40	0.95	1	1	3.441667
SU4_serv	BOBJ1	45	120	After	Left Exterior Girder	40	0.95	1	1	3.442672
SU4_serv	BOBJ1	45	120	After	Interior Girder 1	40	0.95	1	1	3.081241
SU4_serv	BOBJ1	45	120	After	Interior Girder 2	40	0.95	1	1	3.070759
SU4_serv	BOBJ1	45	120	After	Interior Girder 3	40	0.95	1	1	3.107139
SU4_serv	BOBJ1	45	120	After	Interior Girder 4	40	0.95	1	1	3.120478
SU4_serv	BOBJ1	45	120	After	Interior Girder 5	40	0.95	1	1	3.063461
SU4_serv	BOBJ1	45	120	After	Interior Girder 6	40	0.95	1	1	3.088392
SU4_serv	BOBJ1	45	120	After	Right Exterior Girder	40	0.95	1	1	3.445604
SU4_serv	BOBJ1	46	128	Before	Left Exterior Girder	48	0.95	1	1	3.610532
SU4_serv	BOBJ1	46	128	Before	Interior Girder 1	48	0.95	1	1	3.490387
SU4_serv	BOBJ1	46	128	Before	Interior Girder 2	48	0.95	1	1	3.438886
SU4_serv	BOBJ1	46	128	Before	Interior Girder 3	48	0.95	1	1	3.545587
SU4_serv	BOBJ1	46	128	Before	Interior Girder 4	48	0.95	1	1	3.546674
SU4_serv	BOBJ1	46	128	Before	Interior Girder 5	48	0.95	1	1	3.439302
SU4_serv	BOBJ1	46	128	Before	Interior Girder 6	48	0.95	1	1	3.489802
SU4_serv	BOBJ1	46	128	Before	Right Exterior Girder	48	0.95	1	1	3.615239
SU4_serv	BOBJ1	47	128	After	Left Exterior Girder	48	0.95	1	1	3.568959
SU4_serv	BOBJ1	47	128	After	Interior Girder 1	48	0.95	1	1	3.5147
SU4_serv	BOBJ1	47	128	After	Interior Girder 2	48	0.95	1	1	3.448664
SU4_serv	BOBJ1	47	128	After	Interior Girder 3	48	0.95	1	1	3.543986
SU4_serv	BOBJ1	47	128	After	Interior Girder 4	48	0.95	1	1	3.545255
SU4_serv	BOBJ1	47	128	After	Interior Girder 5	48	0.95	1	1	3.447991
SU4_serv	BOBJ1	47	128	After	Interior Girder 6	48	0.95	1	1	3.514019
SU4_serv	BOBJ1	47	128	After	Right Exterior Girder	48	0.95	1	1	3.573755
SU4_serv	BOBJ1	48	136	Before	Left Exterior Girder	56	0.95	1	1	5.287193
SU4_serv	BOBJ1	48	136	Before	Interior Girder 1	56	0.95	1	1	4.272863
SU4_serv	BOBJ1	48	136	Before	Interior Girder 2	56	0.95	1	1	4.141389
SU4_serv	BOBJ1	48	136	Before	Interior Girder 3	56	0.95	1	1	4.125481
SU4_serv	BOBJ1	48	136	Before	Interior Girder 4	56	0.95	1	1	4.15105
SU4_serv	BOBJ1	48	136	Before	Interior Girder 5	56	0.95	1	1	4.134012
SU4_serv	BOBJ1	48	136	Before	Interior Girder 6	56	0.95	1	1	4.284804
SU4_serv	BOBJ1	48	136	Before	Right Exterior Girder	56	0.95	1	1	5.291801
SU4_serv	BOBJ1	49	136	After	Left Exterior Girder	56	0.95	1	1	5.175459
SU4_serv	BOBJ1	49	136	After	Interior Girder 1	56	0.95	1	1	4.334136
SU4_serv	BOBJ1	49	136	After	Interior Girder 2	56	0.95	1	1	4.147624
SU4_serv	BOBJ1	49	136	After	Interior Girder 3	56	0.95	1	1	4.084598
SU4_serv	BOBJ1	49	136	After	Interior Girder 4	56	0.95	1	1	4.107275
SU4_serv	BOBJ1	49	136	After	Interior Girder 5	56	0.95	1	1	4.137758
SU4_serv	BOBJ1	49	136	After	Interior Girder 6	56	0.95	1	1	4.346589
SU4_serv	BOBJ1	49	136	After	Right Exterior Girder	56	0.95	1	1	5.180407
SU4_serv	BOBJ1	50	144	Before	Left Exterior Girder	64	0.95	1	1	4.200284
SU4_serv	BOBJ1	50	144	Before	Interior Girder 1	64	0.95	1	1	4.523183
SU4_serv	BOBJ1	50	144	Before	Interior Girder 2	64	0.95	1	1	4.73379
SU4_serv	BOBJ1	50	144	Before	Interior Girder 3	64	0.95	1	1	4.919609
SU4_serv	BOBJ1	50	144	Before	Interior Girder 4	64	0.95	1	1	4.917671
SU4_serv	BOBJ1	50	144	Before	Interior Girder 5	64	0.95	1	1	4.730126
SU4_serv	BOBJ1	50	144	Before	Interior Girder 6	64	0.95	1	1	4.523605
SU4_serv	BOBJ1	50	144	Before	Right Exterior Girder	64	0.95	1	1	4.203468
SU4_serv	BOBJ1	51	144	After	Left Exterior Girder	64	0.95	1	1	8.214057
SU4_serv	BOBJ1	51	144	After	Interior Girder 1	64	0.95	1	1	4.462524
SU4_serv	BOBJ1	51	144	After	Interior Girder 2	64	0.95	1	1	4.719238
SU4_serv	BOBJ1	51	144	After	Interior Girder 3	64	0.95	1	1	4.937292
SU4_serv	BOBJ1	51	144	After	Interior Girder 4	64	0.95	1	1	4.935103
SU4_serv	BOBJ1	51	144	After	Interior Girder 5	64	0.95	1	1	4.715889
SU4_serv	BOBJ1	51	144	After	Interior Girder 6	64	0.95	1	1	4.462857
SU4_serv	BOBJ1	51	144	After	Right Exterior Girder	64	0.95	1	1	8.219982
SU4_serv	BOBJ1	52	150	Before	Interior Girder 1	70	0.95	1	1	3.323862
SU4_serv	BOBJ1	52	150	Before	Interior Girder 2	70	0.95	1	1	3.455447
SU4_serv	BOBJ1	52	150	Before	Interior Girder 3	70	0.95	1	1	3.355747
SU4_serv	BOBJ1	52	150	Before	Interior Girder 4	70	0.95	1	1	3.354382
SU4_serv	BOBJ1	52	150	Before	Interior Girder 5	70	0.95	1	1	3.451549
SU4_serv	BOBJ1	52	150	Before	Interior Girder 6	70	0.95	1	1	3.324735
SU4_serv	BOBJ1	53	150	After	Interior Girder 1	70	0.95	1	1	7.198485
SU4_serv	BOBJ1	53	150	After	Interior Girder 2	70	0.95	1	1	7.349148

TABLE: Bridge Super Rating AASHTORATE18 31 - SteelICompServ-Flx - Approach, Span 4-6										
Request	BridgeObj	BridgeCut	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	Unitless	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
SU4_serv	BOBJ1	53	150	After	Interior Girder 3	70	0.95	1	1	7.198208
SU4_serv	BOBJ1	53	150	After	Interior Girder 4	70	0.95	1	1	7.194468
SU4_serv	BOBJ1	53	150	After	Interior Girder 5	70	0.95	1	1	7.341166
SU4_serv	BOBJ1	53	150	After	Interior Girder 6	70	0.95	1	1	7.200065
SU4_serv	BOBJ1	54	152	Before	Left Exterior Girder	72	0.95	1	1	5.796727
SU4_serv	BOBJ1	54	152	Before	Interior Girder 1	72	0.95	1	1	6.694928
SU4_serv	BOBJ1	54	152	Before	Interior Girder 2	72	0.95	1	1	6.796923
SU4_serv	BOBJ1	54	152	Before	Interior Girder 3	72	0.95	1	1	6.527231
SU4_serv	BOBJ1	54	152	Before	Interior Girder 4	72	0.95	1	1	6.524417
SU4_serv	BOBJ1	54	152	Before	Interior Girder 5	72	0.95	1	1	6.7887
SU4_serv	BOBJ1	54	152	Before	Interior Girder 6	72	0.95	1	1	6.696879
SU4_serv	BOBJ1	54	152	Before	Right Exterior Girder	72	0.95	1	1	5.802249
SU4_serv	BOBJ1	55	152	After	Left Exterior Girder	72	0.95	1	1	5.800025
SU4_serv	BOBJ1	55	152	After	Interior Girder 1	72	0.95	1	1	6.664776
SU4_serv	BOBJ1	55	152	After	Interior Girder 2	72	0.95	1	1	6.726252
SU4_serv	BOBJ1	55	152	After	Interior Girder 3	72	0.95	1	1	6.483626
SU4_serv	BOBJ1	55	152	After	Interior Girder 4	72	0.95	1	1	6.480208
SU4_serv	BOBJ1	55	152	After	Interior Girder 5	72	0.95	1	1	6.717801
SU4_serv	BOBJ1	55	152	After	Interior Girder 6	72	0.95	1	1	6.666811
SU4_serv	BOBJ1	55	152	After	Right Exterior Girder	72	0.95	1	1	5.805728
SU4_serv	BOBJ1	56	154	Before	Left Exterior Girder	74	0.95	1	1	5.203008
SU4_serv	BOBJ1	56	154	Before	Right Exterior Girder	74	0.95	1	1	5.208448
SU4_serv	BOBJ1	57	154	After	Left Exterior Girder	74	0.95	1	1	7.859453
SU4_serv	BOBJ1	57	154	After	Right Exterior Girder	74	0.95	1	1	7.867855
SU4_serv	BOBJ1	58	160	Before	Left Exterior Girder	80	0.95	1	1	5.737175
SU4_serv	BOBJ1	58	160	Before	Interior Girder 1	80	0.95	1	1	4.729638
SU4_serv	BOBJ1	58	160	Before	Interior Girder 2	80	0.95	1	1	4.562428
SU4_serv	BOBJ1	58	160	Before	Interior Girder 3	80	0.95	1	1	3.882775
SU4_serv	BOBJ1	58	160	Before	Interior Girder 4	80	0.95	1	1	3.891852
SU4_serv	BOBJ1	58	160	Before	Interior Girder 5	80	0.95	1	1	4.553036
SU4_serv	BOBJ1	58	160	Before	Interior Girder 6	80	0.95	1	1	4.731813
SU4_serv	BOBJ1	58	160	Before	Right Exterior Girder	80	0.95	1	1	5.74339
SU4_serv	BOBJ1	59	160	After	Left Exterior Girder	0	0.95	1	1	5.709589
SU4_serv	BOBJ1	59	160	After	Interior Girder 1	0	0.95	1	1	4.626284
SU4_serv	BOBJ1	59	160	After	Interior Girder 2	0	0.95	1	1	4.461601
SU4_serv	BOBJ1	59	160	After	Interior Girder 3	0	0.95	1	1	3.816757
SU4_serv	BOBJ1	59	160	After	Interior Girder 4	0	0.95	1	1	3.823089
SU4_serv	BOBJ1	59	160	After	Interior Girder 5	0	0.95	1	1	4.451419
SU4_serv	BOBJ1	59	160	After	Interior Girder 6	0	0.95	1	1	4.633365
SU4_serv	BOBJ1	59	160	After	Right Exterior Girder	0	0.95	1	1	5.716476
SU4_serv	BOBJ1	60	166	Before	Left Exterior Girder	6	0.95	1	1	7.936781
SU4_serv	BOBJ1	60	166	Before	Right Exterior Girder	6	0.95	1	1	7.945375
SU4_serv	BOBJ1	61	166	After	Left Exterior Girder	6	0.95	1	1	5.300107
SU4_serv	BOBJ1	61	166	After	Right Exterior Girder	6	0.95	1	1	5.305778
SU4_serv	BOBJ1	62	168	Before	Left Exterior Girder	8	0.95	1	1	5.923834
SU4_serv	BOBJ1	62	168	Before	Interior Girder 1	8	0.95	1	1	7.103106
SU4_serv	BOBJ1	62	168	Before	Interior Girder 2	8	0.95	1	1	7.136408
SU4_serv	BOBJ1	62	168	Before	Interior Girder 3	8	0.95	1	1	6.896442
SU4_serv	BOBJ1	62	168	Before	Interior Girder 4	8	0.95	1	1	6.892381
SU4_serv	BOBJ1	62	168	Before	Interior Girder 5	8	0.95	1	1	7.127224
SU4_serv	BOBJ1	62	168	Before	Interior Girder 6	8	0.95	1	1	7.105422
SU4_serv	BOBJ1	62	168	Before	Right Exterior Girder	8	0.95	1	1	5.92979
SU4_serv	BOBJ1	63	168	After	Left Exterior Girder	8	0.95	1	1	5.877423
SU4_serv	BOBJ1	63	168	After	Interior Girder 1	8	0.95	1	1	7.195285
SU4_serv	BOBJ1	63	168	After	Interior Girder 2	8	0.95	1	1	7.213205
SU4_serv	BOBJ1	63	168	After	Interior Girder 3	8	0.95	1	1	6.944204
SU4_serv	BOBJ1	63	168	After	Interior Girder 4	8	0.95	1	1	6.940708
SU4_serv	BOBJ1	63	168	After	Interior Girder 5	8	0.95	1	1	7.204241
SU4_serv	BOBJ1	63	168	After	Interior Girder 6	8	0.95	1	1	7.19754
SU4_serv	BOBJ1	63	168	After	Right Exterior Girder	8	0.95	1	1	5.883443
SU4_serv	BOBJ1	64	170	Before	Interior Girder 1	10	0.95	1	1	7.768235
SU4_serv	BOBJ1	64	170	Before	Interior Girder 2	10	0.95	1	1	7.818597
SU4_serv	BOBJ1	64	170	Before	Interior Girder 3	10	0.95	1	1	7.673655
SU4_serv	BOBJ1	64	170	Before	Interior Girder 4	10	0.95	1	1	7.669675
SU4_serv	BOBJ1	64	170	Before	Interior Girder 5	10	0.95	1	1	7.809885
SU4_serv	BOBJ1	64	170	Before	Interior Girder 6	10	0.95	1	1	7.770084
SU4_serv	BOBJ1	65	170	After	Interior Girder 1	10	0.95	1	1	3.826418
SU4_serv	BOBJ1	65	170	After	Interior Girder 2	10	0.95	1	1	3.91125
SU4_serv	BOBJ1	65	170	After	Interior Girder 3	10	0.95	1	1	3.798183
SU4_serv	BOBJ1	65	170	After	Interior Girder 4	10	0.95	1	1	3.796392
SU4_serv	BOBJ1	65	170	After	Interior Girder 5	10	0.95	1	1	3.906686
SU4_serv	BOBJ1	65	170	After	Interior Girder 6	10	0.95	1	1	3.827501
SU4_serv	BOBJ1	66	176	Before	Left Exterior Girder	16	0.95	1	1	8.169062

TABLE: Bridge Super Rating AASHTORATE18 31 - SteelICompServ-Flx - Approach, Span 4-6										
Request	BridgeObj	BridgeCut	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	Unitless	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
SU4_serv	BOBJ1	66	176	Before	Interior Girder 1	16	0.95	1	1	5.229136
SU4_serv	BOBJ1	66	176	Before	Interior Girder 2	16	0.95	1	1	5.410611
SU4_serv	BOBJ1	66	176	Before	Interior Girder 3	16	0.95	1	1	5.49978
SU4_serv	BOBJ1	66	176	Before	Interior Girder 4	16	0.95	1	1	5.509306
SU4_serv	BOBJ1	66	176	Before	Interior Girder 5	16	0.95	1	1	5.406587
SU4_serv	BOBJ1	66	176	Before	Interior Girder 6	16	0.95	1	1	5.229628
SU4_serv	BOBJ1	66	176	Before	Right Exterior Girder	16	0.95	1	1	8.175947
SU4_serv	BOBJ1	67	176	After	Left Exterior Girder	16	0.95	1	1	8.097514
SU4_serv	BOBJ1	67	176	After	Interior Girder 1	16	0.95	1	1	5.280064
SU4_serv	BOBJ1	67	176	After	Interior Girder 2	16	0.95	1	1	5.440007
SU4_serv	BOBJ1	67	176	After	Interior Girder 3	16	0.95	1	1	5.572476
SU4_serv	BOBJ1	67	176	After	Interior Girder 4	16	0.95	1	1	5.576588
SU4_serv	BOBJ1	67	176	After	Interior Girder 5	16	0.95	1	1	5.435751
SU4_serv	BOBJ1	67	176	After	Interior Girder 6	16	0.95	1	1	5.280714
SU4_serv	BOBJ1	67	176	After	Right Exterior Girder	16	0.95	1	1	8.104374
SU4_serv	BOBJ1	68	181	Before	Interior Girder 1	21	0.95	1	1	3.830127
SU4_serv	BOBJ1	68	181	Before	Interior Girder 2	21	0.95	1	1	3.608507
SU4_serv	BOBJ1	68	181	Before	Interior Girder 3	21	0.95	1	1	3.555401
SU4_serv	BOBJ1	68	181	Before	Interior Girder 4	21	0.95	1	1	3.572113
SU4_serv	BOBJ1	68	181	Before	Interior Girder 5	21	0.95	1	1	3.600546
SU4_serv	BOBJ1	68	181	Before	Interior Girder 6	21	0.95	1	1	3.83859
SU4_serv	BOBJ1	69	181	After	Interior Girder 1	21	0.95	1	1	6.129194
SU4_serv	BOBJ1	69	181	After	Interior Girder 2	21	0.95	1	1	5.738464
SU4_serv	BOBJ1	69	181	After	Interior Girder 3	21	0.95	1	1	5.769392
SU4_serv	BOBJ1	69	181	After	Interior Girder 4	21	0.95	1	1	5.796862
SU4_serv	BOBJ1	69	181	After	Interior Girder 5	21	0.95	1	1	5.725528
SU4_serv	BOBJ1	69	181	After	Interior Girder 6	21	0.95	1	1	6.143066
SU4_serv	BOBJ1	70	184	Before	Left Exterior Girder	24	0.95	1	1	5.329616
SU4_serv	BOBJ1	70	184	Before	Interior Girder 1	24	0.95	1	1	5.081171
SU4_serv	BOBJ1	70	184	Before	Interior Girder 2	24	0.95	1	1	4.845656
SU4_serv	BOBJ1	70	184	Before	Interior Girder 3	24	0.95	1	1	4.867954
SU4_serv	BOBJ1	70	184	Before	Interior Girder 4	24	0.95	1	1	4.887793
SU4_serv	BOBJ1	70	184	Before	Interior Girder 5	24	0.95	1	1	4.832792
SU4_serv	BOBJ1	70	184	Before	Interior Girder 6	24	0.95	1	1	5.094458
SU4_serv	BOBJ1	70	184	Before	Right Exterior Girder	24	0.95	1	1	5.334625
SU4_serv	BOBJ1	71	184	After	Left Exterior Girder	24	0.95	1	1	5.391352
SU4_serv	BOBJ1	71	184	After	Interior Girder 1	24	0.95	1	1	5.01315
SU4_serv	BOBJ1	71	184	After	Interior Girder 2	24	0.95	1	1	4.849398
SU4_serv	BOBJ1	71	184	After	Interior Girder 3	24	0.95	1	1	4.898323
SU4_serv	BOBJ1	71	184	After	Interior Girder 4	24	0.95	1	1	4.924704
SU4_serv	BOBJ1	71	184	After	Interior Girder 5	24	0.95	1	1	4.8386
SU4_serv	BOBJ1	71	184	After	Interior Girder 6	24	0.95	1	1	5.025912
SU4_serv	BOBJ1	71	184	After	Right Exterior Girder	24	0.95	1	1	5.396287
SU4_serv	BOBJ1	72	192	Before	Left Exterior Girder	32	0.95	1	1	3.963897
SU4_serv	BOBJ1	72	192	Before	Interior Girder 1	32	0.95	1	1	3.706092
SU4_serv	BOBJ1	72	192	Before	Interior Girder 2	32	0.95	1	1	3.694257
SU4_serv	BOBJ1	72	192	Before	Interior Girder 3	32	0.95	1	1	3.812327
SU4_serv	BOBJ1	72	192	Before	Interior Girder 4	32	0.95	1	1	3.814435
SU4_serv	BOBJ1	72	192	Before	Interior Girder 5	32	0.95	1	1	3.691479
SU4_serv	BOBJ1	72	192	Before	Interior Girder 6	32	0.95	1	1	3.70583
SU4_serv	BOBJ1	72	192	Before	Right Exterior Girder	32	0.95	1	1	3.968726
SU4_serv	BOBJ1	73	192	After	Left Exterior Girder	32	0.95	1	1	3.989101
SU4_serv	BOBJ1	73	192	After	Interior Girder 1	32	0.95	1	1	3.662342
SU4_serv	BOBJ1	73	192	After	Interior Girder 2	32	0.95	1	1	3.682211
SU4_serv	BOBJ1	73	192	After	Interior Girder 3	32	0.95	1	1	3.809521
SU4_serv	BOBJ1	73	192	After	Interior Girder 4	32	0.95	1	1	3.812282
SU4_serv	BOBJ1	73	192	After	Interior Girder 5	32	0.95	1	1	3.680429
SU4_serv	BOBJ1	73	192	After	Interior Girder 6	32	0.95	1	1	3.662204
SU4_serv	BOBJ1	73	192	After	Right Exterior Girder	32	0.95	1	1	3.993814
SU4_serv	BOBJ1	74	200	Before	Left Exterior Girder	40	0.95	1	1	3.429048
SU4_serv	BOBJ1	74	200	Before	Interior Girder 1	40	0.95	1	1	2.961045
SU4_serv	BOBJ1	74	200	Before	Interior Girder 2	40	0.95	1	1	3.008699
SU4_serv	BOBJ1	74	200	Before	Interior Girder 3	40	0.95	1	1	3.122166
SU4_serv	BOBJ1	74	200	Before	Interior Girder 4	40	0.95	1	1	3.131733
SU4_serv	BOBJ1	74	200	Before	Interior Girder 5	40	0.95	1	1	3.002416
SU4_serv	BOBJ1	74	200	Before	Interior Girder 6	40	0.95	1	1	2.966861
SU4_serv	BOBJ1	74	200	Before	Right Exterior Girder	40	0.95	1	1	3.431922
SU4_serv	BOBJ1	75	200	After	Left Exterior Girder	40	0.95	1	1	3.451489
SU4_serv	BOBJ1	75	200	After	Interior Girder 1	40	0.95	1	1	2.946279
SU4_serv	BOBJ1	75	200	After	Interior Girder 2	40	0.95	1	1	3.00891
SU4_serv	BOBJ1	75	200	After	Interior Girder 3	40	0.95	1	1	3.121845
SU4_serv	BOBJ1	75	200	After	Interior Girder 4	40	0.95	1	1	3.134691
SU4_serv	BOBJ1	75	200	After	Interior Girder 5	40	0.95	1	1	3.002695

TABLE: Bridge Super Rating AASHTORATE18 31 - SteelICompServ-Flx - Approach, Span 4-6										
Request	BridgeObj	BridgeCut	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	Unitless	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
SU4_serv	BOBJ1	75	200	After	Interior Girder 6	40	0.95	1	1	2.951987
SU4_serv	BOBJ1	75	200	After	Right Exterior Girder	40	0.95	1	1	3.454327
SU4_serv	BOBJ1	76	208	Before	Left Exterior Girder	48	0.95	1	1	3.191443
SU4_serv	BOBJ1	76	208	Before	Interior Girder 1	48	0.95	1	1	2.897308
SU4_serv	BOBJ1	76	208	Before	Interior Girder 2	48	0.95	1	1	2.975224
SU4_serv	BOBJ1	76	208	Before	Interior Girder 3	48	0.95	1	1	3.102105
SU4_serv	BOBJ1	76	208	Before	Interior Girder 4	48	0.95	1	1	3.103507
SU4_serv	BOBJ1	76	208	Before	Interior Girder 5	48	0.95	1	1	2.973312
SU4_serv	BOBJ1	76	208	Before	Interior Girder 6	48	0.95	1	1	2.897174
SU4_serv	BOBJ1	76	208	Before	Right Exterior Girder	48	0.95	1	1	3.195093
SU4_serv	BOBJ1	77	208	After	Left Exterior Girder	48	0.95	1	1	3.178927
SU4_serv	BOBJ1	77	208	After	Interior Girder 1	48	0.95	1	1	2.898575
SU4_serv	BOBJ1	77	208	After	Interior Girder 2	48	0.95	1	1	2.978299
SU4_serv	BOBJ1	77	208	After	Interior Girder 3	48	0.95	1	1	3.100684
SU4_serv	BOBJ1	77	208	After	Interior Girder 4	48	0.95	1	1	3.101569
SU4_serv	BOBJ1	77	208	After	Interior Girder 5	48	0.95	1	1	2.976225
SU4_serv	BOBJ1	77	208	After	Interior Girder 6	48	0.95	1	1	2.898396
SU4_serv	BOBJ1	77	208	After	Right Exterior Girder	48	0.95	1	1	3.182835
SU4_serv	BOBJ1	78	216	Before	Left Exterior Girder	56	0.95	1	1	3.707989
SU4_serv	BOBJ1	78	216	Before	Interior Girder 1	56	0.95	1	1	3.119465
SU4_serv	BOBJ1	78	216	Before	Interior Girder 2	56	0.95	1	1	3.152846
SU4_serv	BOBJ1	78	216	Before	Interior Girder 3	56	0.95	1	1	3.242967
SU4_serv	BOBJ1	78	216	Before	Interior Girder 4	56	0.95	1	1	3.256246
SU4_serv	BOBJ1	78	216	Before	Interior Girder 5	56	0.95	1	1	3.145956
SU4_serv	BOBJ1	78	216	Before	Interior Girder 6	56	0.95	1	1	3.125834
SU4_serv	BOBJ1	78	216	Before	Right Exterior Girder	56	0.95	1	1	3.710957
SU4_serv	BOBJ1	79	216	After	Left Exterior Girder	56	0.95	1	1	3.662261
SU4_serv	BOBJ1	79	216	After	Interior Girder 1	56	0.95	1	1	3.134904
SU4_serv	BOBJ1	79	216	After	Interior Girder 2	56	0.95	1	1	3.152631
SU4_serv	BOBJ1	79	216	After	Interior Girder 3	56	0.95	1	1	3.214271
SU4_serv	BOBJ1	79	216	After	Interior Girder 4	56	0.95	1	1	3.223807
SU4_serv	BOBJ1	79	216	After	Interior Girder 5	56	0.95	1	1	3.145555
SU4_serv	BOBJ1	79	216	After	Interior Girder 6	56	0.95	1	1	3.141458
SU4_serv	BOBJ1	79	216	After	Right Exterior Girder	56	0.95	1	1	3.665409
SU4_serv	BOBJ1	80	224	Before	Left Exterior Girder	64	0.95	1	1	4.814
SU4_serv	BOBJ1	80	224	Before	Interior Girder 1	64	0.95	1	1	4.377001
SU4_serv	BOBJ1	80	224	Before	Interior Girder 2	64	0.95	1	1	4.255565
SU4_serv	BOBJ1	80	224	Before	Interior Girder 3	64	0.95	1	1	4.355137
SU4_serv	BOBJ1	80	224	Before	Interior Girder 4	64	0.95	1	1	4.358712
SU4_serv	BOBJ1	80	224	Before	Interior Girder 5	64	0.95	1	1	4.25426
SU4_serv	BOBJ1	80	224	Before	Interior Girder 6	64	0.95	1	1	4.37653
SU4_serv	BOBJ1	80	224	Before	Right Exterior Girder	64	0.95	1	1	4.818911
SU4_serv	BOBJ1	81	224	After	Left Exterior Girder	64	0.95	1	1	4.767154
SU4_serv	BOBJ1	81	224	After	Interior Girder 1	64	0.95	1	1	4.426147
SU4_serv	BOBJ1	81	224	After	Interior Girder 2	64	0.95	1	1	4.245992
SU4_serv	BOBJ1	81	224	After	Interior Girder 3	64	0.95	1	1	4.275536
SU4_serv	BOBJ1	81	224	After	Interior Girder 4	64	0.95	1	1	4.277805
SU4_serv	BOBJ1	81	224	After	Interior Girder 5	64	0.95	1	1	4.242535
SU4_serv	BOBJ1	81	224	After	Interior Girder 6	64	0.95	1	1	4.425957
SU4_serv	BOBJ1	81	224	After	Right Exterior Girder	64	0.95	1	1	4.772526
SU4_serv	BOBJ1	82	232	Before	Left Exterior Girder	72	0.95	1	1	8.693504
SU4_serv	BOBJ1	82	232	Before	Interior Girder 1	72	0.95	1	1	7.679991
SU4_serv	BOBJ1	82	232	Before	Interior Girder 2	72	0.95	1	1	7.243535
SU4_serv	BOBJ1	82	232	Before	Interior Girder 3	72	0.95	1	1	7.24107
SU4_serv	BOBJ1	82	232	Before	Interior Girder 4	72	0.95	1	1	7.273638
SU4_serv	BOBJ1	82	232	Before	Interior Girder 5	72	0.95	1	1	7.231294
SU4_serv	BOBJ1	82	232	Before	Interior Girder 6	72	0.95	1	1	7.700314
SU4_serv	BOBJ1	82	232	Before	Right Exterior Girder	72	0.95	1	1	8.702512
SU4_serv	BOBJ1	83	232	After	Left Exterior Girder	72	0.95	1	1	8.753458
SU4_serv	BOBJ1	83	232	After	Interior Girder 1	72	0.95	1	1	7.625319
SU4_serv	BOBJ1	83	232	After	Interior Girder 2	72	0.95	1	1	7.123944
SU4_serv	BOBJ1	83	232	After	Interior Girder 3	72	0.95	1	1	6.911738
SU4_serv	BOBJ1	83	232	After	Interior Girder 4	72	0.95	1	1	6.946005
SU4_serv	BOBJ1	83	232	After	Interior Girder 5	72	0.95	1	1	7.106471
SU4_serv	BOBJ1	83	232	After	Interior Girder 6	72	0.95	1	1	7.65042
SU4_serv	BOBJ1	83	232	After	Right Exterior Girder	72	0.95	1	1	8.762638
SU4_serv	BOBJ1	84	240	Before	Left Exterior Girder	80	0.95	1	1	68.099355
SU4_serv	BOBJ1	84	240	Before	Interior Girder 1	80	0.95	1	1	40.457525
SU4_serv	BOBJ1	84	240	Before	Interior Girder 2	80	0.95	1	1	33.957503
SU4_serv	BOBJ1	84	240	Before	Interior Girder 3	80	0.95	1	1	23.490457
SU4_serv	BOBJ1	84	240	Before	Interior Girder 4	80	0.95	1	1	23.797721
SU4_serv	BOBJ1	84	240	Before	Interior Girder 5	80	0.95	1	1	33.624025
SU4_serv	BOBJ1	84	240	Before	Interior Girder 6	80	0.95	1	1	40.457525

TABLE: Bridge Super Rating AASHTORATE18 31 - SteelICompServ-Flx - Approach, Span 4-6										
Request	BridgeObj	BridgeCut	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	Unitless	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
SU4_serv	BOBJ1	84	240	Before	Right Exterior Girder	80	0.95	1	1	67.835946
SU5_serv	BOBJ1	1	0	After	Left Exterior Girder	0	0.95	1	1	472.391444
SU5_serv	BOBJ1	1	0	After	Interior Girder 1	0	0.95	1	1	520.086239
SU5_serv	BOBJ1	1	0	After	Interior Girder 2	0	0.95	1	1	363.874662
SU5_serv	BOBJ1	1	0	After	Interior Girder 3	0	0.95	1	1	234.818474
SU5_serv	BOBJ1	1	0	After	Interior Girder 4	0	0.95	1	1	238.52242
SU5_serv	BOBJ1	1	0	After	Interior Girder 5	0	0.95	1	1	360.821662
SU5_serv	BOBJ1	1	0	After	Interior Girder 6	0	0.95	1	1	497.796826
SU5_serv	BOBJ1	1	0	After	Right Exterior Girder	0	0.95	1	1	472.391443
SU5_serv	BOBJ1	2	8	Before	Left Exterior Girder	8	0.95	1	1	7.808961
SU5_serv	BOBJ1	2	8	Before	Interior Girder 1	8	0.95	1	1	7.131141
SU5_serv	BOBJ1	2	8	Before	Interior Girder 2	8	0.95	1	1	6.698702
SU5_serv	BOBJ1	2	8	Before	Interior Girder 3	8	0.95	1	1	6.247982
SU5_serv	BOBJ1	2	8	Before	Interior Girder 4	8	0.95	1	1	6.280469
SU5_serv	BOBJ1	2	8	Before	Interior Girder 5	8	0.95	1	1	6.678282
SU5_serv	BOBJ1	2	8	Before	Interior Girder 6	8	0.95	1	1	7.157747
SU5_serv	BOBJ1	2	8	Before	Right Exterior Girder	8	0.95	1	1	7.818537
SU5_serv	BOBJ1	3	8	After	Left Exterior Girder	8	0.95	1	1	7.820103
SU5_serv	BOBJ1	3	8	After	Interior Girder 1	8	0.95	1	1	7.116936
SU5_serv	BOBJ1	3	8	After	Interior Girder 2	8	0.95	1	1	6.846505
SU5_serv	BOBJ1	3	8	After	Interior Girder 3	8	0.95	1	1	6.501012
SU5_serv	BOBJ1	3	8	After	Interior Girder 4	8	0.95	1	1	6.534348
SU5_serv	BOBJ1	3	8	After	Interior Girder 5	8	0.95	1	1	6.827938
SU5_serv	BOBJ1	3	8	After	Interior Girder 6	8	0.95	1	1	7.140775
SU5_serv	BOBJ1	3	8	After	Right Exterior Girder	8	0.95	1	1	7.828283
SU5_serv	BOBJ1	4	16	Before	Left Exterior Girder	16	0.95	1	1	4.165449
SU5_serv	BOBJ1	4	16	Before	Interior Girder 1	16	0.95	1	1	4.340049
SU5_serv	BOBJ1	4	16	Before	Interior Girder 2	16	0.95	1	1	4.119327
SU5_serv	BOBJ1	4	16	Before	Interior Girder 3	16	0.95	1	1	4.075382
SU5_serv	BOBJ1	4	16	Before	Interior Girder 4	16	0.95	1	1	4.074048
SU5_serv	BOBJ1	4	16	Before	Interior Girder 5	16	0.95	1	1	4.116449
SU5_serv	BOBJ1	4	16	Before	Interior Girder 6	16	0.95	1	1	4.339734
SU5_serv	BOBJ1	4	16	Before	Right Exterior Girder	16	0.95	1	1	4.170426
SU5_serv	BOBJ1	5	16	After	Left Exterior Girder	16	0.95	1	1	4.199564
SU5_serv	BOBJ1	5	16	After	Interior Girder 1	16	0.95	1	1	4.289435
SU5_serv	BOBJ1	5	16	After	Interior Girder 2	16	0.95	1	1	4.128366
SU5_serv	BOBJ1	5	16	After	Interior Girder 3	16	0.95	1	1	4.129365
SU5_serv	BOBJ1	5	16	After	Interior Girder 4	16	0.95	1	1	4.130581
SU5_serv	BOBJ1	5	16	After	Interior Girder 5	16	0.95	1	1	4.126467
SU5_serv	BOBJ1	5	16	After	Interior Girder 6	16	0.95	1	1	4.28886
SU5_serv	BOBJ1	5	16	After	Right Exterior Girder	16	0.95	1	1	4.204202
SU5_serv	BOBJ1	6	20.5	Before	Left Exterior Girder	20.5	0.95	1	1	3.554102
SU5_serv	BOBJ1	6	20.5	Before	Right Exterior Girder	20.5	0.95	1	1	3.557782
SU5_serv	BOBJ1	7	20.5	After	Left Exterior Girder	20.5	0.95	1	1	4.242517
SU5_serv	BOBJ1	7	20.5	After	Right Exterior Girder	20.5	0.95	1	1	4.246721
SU5_serv	BOBJ1	8	24	Before	Left Exterior Girder	24	0.95	1	1	3.894152
SU5_serv	BOBJ1	8	24	Before	Interior Girder 1	24	0.95	1	1	3.139458
SU5_serv	BOBJ1	8	24	Before	Interior Girder 2	24	0.95	1	1	3.10613
SU5_serv	BOBJ1	8	24	Before	Interior Girder 3	24	0.95	1	1	3.141392
SU5_serv	BOBJ1	8	24	Before	Interior Girder 4	24	0.95	1	1	3.150172
SU5_serv	BOBJ1	8	24	Before	Interior Girder 5	24	0.95	1	1	3.09939
SU5_serv	BOBJ1	8	24	Before	Interior Girder 6	24	0.95	1	1	3.145591
SU5_serv	BOBJ1	8	24	Before	Right Exterior Girder	24	0.95	1	1	3.897741
SU5_serv	BOBJ1	9	24	After	Left Exterior Girder	24	0.95	1	1	3.881728
SU5_serv	BOBJ1	9	24	After	Interior Girder 1	24	0.95	1	1	3.152398
SU5_serv	BOBJ1	9	24	After	Interior Girder 2	24	0.95	1	1	3.104917
SU5_serv	BOBJ1	9	24	After	Interior Girder 3	24	0.95	1	1	3.162515
SU5_serv	BOBJ1	9	24	After	Interior Girder 4	24	0.95	1	1	3.171526
SU5_serv	BOBJ1	9	24	After	Interior Girder 5	24	0.95	1	1	3.098339
SU5_serv	BOBJ1	9	24	After	Interior Girder 6	24	0.95	1	1	3.158426
SU5_serv	BOBJ1	9	24	After	Right Exterior Girder	24	0.95	1	1	3.885172
SU5_serv	BOBJ1	10	32	Before	Left Exterior Girder	32	0.95	1	1	3.39484
SU5_serv	BOBJ1	10	32	Before	Interior Girder 1	32	0.95	1	1	2.999069
SU5_serv	BOBJ1	10	32	Before	Interior Girder 2	32	0.95	1	1	2.968709
SU5_serv	BOBJ1	10	32	Before	Interior Girder 3	32	0.95	1	1	3.051632
SU5_serv	BOBJ1	10	32	Before	Interior Girder 4	32	0.95	1	1	3.051871
SU5_serv	BOBJ1	10	32	Before	Interior Girder 5	32	0.95	1	1	2.96684
SU5_serv	BOBJ1	10	32	Before	Interior Girder 6	32	0.95	1	1	2.99877
SU5_serv	BOBJ1	10	32	Before	Right Exterior Girder	32	0.95	1	1	3.39907
SU5_serv	BOBJ1	11	32	After	Left Exterior Girder	32	0.95	1	1	3.403658
SU5_serv	BOBJ1	11	32	After	Interior Girder 1	32	0.95	1	1	3.000455
SU5_serv	BOBJ1	11	32	After	Interior Girder 2	32	0.95	1	1	2.964007
SU5_serv	BOBJ1	11	32	After	Interior Girder 3	32	0.95	1	1	3.049681

TABLE: Bridge Super Rating AASHTORATE18 31 - SteelICompServ-Flx - Approach, Span 4-6										
Request	BridgeObj	BridgeCut	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	Unitless	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
SU5_serv	BOBJ1	11	32	After	Interior Girder 4	32	0.95	1	1	3.050047
SU5_serv	BOBJ1	11	32	After	Interior Girder 5	32	0.95	1	1	2.962941
SU5_serv	BOBJ1	11	32	After	Interior Girder 6	32	0.95	1	1	3.000164
SU5_serv	BOBJ1	11	32	After	Right Exterior Girder	32	0.95	1	1	3.407838
SU5_serv	BOBJ1	12	40	Before	Left Exterior Girder	40	0.95	1	1	3.619327
SU5_serv	BOBJ1	12	40	Before	Interior Girder 1	40	0.95	1	1	3.028576
SU5_serv	BOBJ1	12	40	Before	Interior Girder 2	40	0.95	1	1	3.006337
SU5_serv	BOBJ1	12	40	Before	Interior Girder 3	40	0.95	1	1	3.099247
SU5_serv	BOBJ1	12	40	Before	Interior Girder 4	40	0.95	1	1	3.10883
SU5_serv	BOBJ1	12	40	Before	Interior Girder 5	40	0.95	1	1	3.00115
SU5_serv	BOBJ1	12	40	Before	Interior Girder 6	40	0.95	1	1	3.033732
SU5_serv	BOBJ1	12	40	Before	Right Exterior Girder	40	0.95	1	1	3.622526
SU5_serv	BOBJ1	13	40	After	Left Exterior Girder	40	0.95	1	1	3.630134
SU5_serv	BOBJ1	13	40	After	Interior Girder 1	40	0.95	1	1	3.034456
SU5_serv	BOBJ1	13	40	After	Interior Girder 2	40	0.95	1	1	2.999407
SU5_serv	BOBJ1	13	40	After	Interior Girder 3	40	0.95	1	1	3.086761
SU5_serv	BOBJ1	13	40	After	Interior Girder 4	40	0.95	1	1	3.095006
SU5_serv	BOBJ1	13	40	After	Interior Girder 5	40	0.95	1	1	2.993405
SU5_serv	BOBJ1	13	40	After	Interior Girder 6	40	0.95	1	1	3.040064
SU5_serv	BOBJ1	13	40	After	Right Exterior Girder	40	0.95	1	1	3.633403
SU5_serv	BOBJ1	14	46.5	Before	Left Exterior Girder	46.5	0.95	1	1	3.910796
SU5_serv	BOBJ1	14	46.5	Before	Right Exterior Girder	46.5	0.95	1	1	3.915108
SU5_serv	BOBJ1	15	46.5	After	Left Exterior Girder	46.5	0.95	1	1	3.367265
SU5_serv	BOBJ1	15	46.5	After	Right Exterior Girder	46.5	0.95	1	1	3.37107
SU5_serv	BOBJ1	16	48	Before	Left Exterior Girder	48	0.95	1	1	3.457251
SU5_serv	BOBJ1	16	48	Before	Interior Girder 1	48	0.95	1	1	3.658598
SU5_serv	BOBJ1	16	48	Before	Interior Girder 2	48	0.95	1	1	3.643136
SU5_serv	BOBJ1	16	48	Before	Interior Girder 3	48	0.95	1	1	3.733064
SU5_serv	BOBJ1	16	48	Before	Interior Girder 4	48	0.95	1	1	3.734109
SU5_serv	BOBJ1	16	48	Before	Interior Girder 5	48	0.95	1	1	3.642424
SU5_serv	BOBJ1	16	48	Before	Interior Girder 6	48	0.95	1	1	3.658285
SU5_serv	BOBJ1	16	48	Before	Right Exterior Girder	48	0.95	1	1	3.461369
SU5_serv	BOBJ1	17	48	After	Left Exterior Girder	48	0.95	1	1	3.444816
SU5_serv	BOBJ1	17	48	After	Interior Girder 1	48	0.95	1	1	3.696323
SU5_serv	BOBJ1	17	48	After	Interior Girder 2	48	0.95	1	1	3.644602
SU5_serv	BOBJ1	17	48	After	Interior Girder 3	48	0.95	1	1	3.725111
SU5_serv	BOBJ1	17	48	After	Interior Girder 4	48	0.95	1	1	3.725985
SU5_serv	BOBJ1	17	48	After	Interior Girder 5	48	0.95	1	1	3.642419
SU5_serv	BOBJ1	17	48	After	Interior Girder 6	48	0.95	1	1	3.696019
SU5_serv	BOBJ1	17	48	After	Right Exterior Girder	48	0.95	1	1	3.449009
SU5_serv	BOBJ1	18	56	Before	Left Exterior Girder	56	0.95	1	1	4.694679
SU5_serv	BOBJ1	18	56	Before	Interior Girder 1	56	0.95	1	1	4.910217
SU5_serv	BOBJ1	18	56	Before	Interior Girder 2	56	0.95	1	1	4.757365
SU5_serv	BOBJ1	18	56	Before	Interior Girder 3	56	0.95	1	1	4.823421
SU5_serv	BOBJ1	18	56	Before	Interior Girder 4	56	0.95	1	1	4.841632
SU5_serv	BOBJ1	18	56	Before	Interior Girder 5	56	0.95	1	1	4.748143
SU5_serv	BOBJ1	18	56	Before	Interior Girder 6	56	0.95	1	1	4.921728
SU5_serv	BOBJ1	18	56	Before	Right Exterior Girder	56	0.95	1	1	4.698417
SU5_serv	BOBJ1	19	56	After	Left Exterior Girder	56	0.95	1	1	4.648899
SU5_serv	BOBJ1	19	56	After	Interior Girder 1	56	0.95	1	1	4.980214
SU5_serv	BOBJ1	19	56	After	Interior Girder 2	56	0.95	1	1	4.747479
SU5_serv	BOBJ1	19	56	After	Interior Girder 3	56	0.95	1	1	4.775537
SU5_serv	BOBJ1	19	56	After	Interior Girder 4	56	0.95	1	1	4.793047
SU5_serv	BOBJ1	19	56	After	Interior Girder 5	56	0.95	1	1	4.735781
SU5_serv	BOBJ1	19	56	After	Interior Girder 6	56	0.95	1	1	4.992357
SU5_serv	BOBJ1	19	56	After	Right Exterior Girder	56	0.95	1	1	4.65284
SU5_serv	BOBJ1	20	59	Before	Interior Girder 1	59	0.95	1	1	5.95805
SU5_serv	BOBJ1	20	59	Before	Interior Girder 2	59	0.95	1	1	5.599946
SU5_serv	BOBJ1	20	59	Before	Interior Girder 3	59	0.95	1	1	5.640825
SU5_serv	BOBJ1	20	59	Before	Interior Girder 4	59	0.95	1	1	5.663636
SU5_serv	BOBJ1	20	59	Before	Interior Girder 5	59	0.95	1	1	5.588539
SU5_serv	BOBJ1	20	59	Before	Interior Girder 6	59	0.95	1	1	5.970941
SU5_serv	BOBJ1	21	59	After	Interior Girder 1	59	0.95	1	1	3.424114
SU5_serv	BOBJ1	21	59	After	Interior Girder 2	59	0.95	1	1	3.244688
SU5_serv	BOBJ1	21	59	After	Interior Girder 3	59	0.95	1	1	3.193108
SU5_serv	BOBJ1	21	59	After	Interior Girder 4	59	0.95	1	1	3.206116
SU5_serv	BOBJ1	21	59	After	Interior Girder 5	59	0.95	1	1	3.238104
SU5_serv	BOBJ1	21	59	After	Interior Girder 6	59	0.95	1	1	3.431451
SU5_serv	BOBJ1	22	64	Before	Left Exterior Girder	64	0.95	1	1	7.181211
SU5_serv	BOBJ1	22	64	Before	Interior Girder 1	64	0.95	1	1	4.513836
SU5_serv	BOBJ1	22	64	Before	Interior Girder 2	64	0.95	1	1	4.631125
SU5_serv	BOBJ1	22	64	Before	Interior Girder 3	64	0.95	1	1	4.773385
SU5_serv	BOBJ1	22	64	Before	Interior Girder 4	64	0.95	1	1	4.771441

TABLE: Bridge Super Rating AASHTORATE18 31 - SteelICompServ-Flx - Approach, Span 4-6										
Request	BridgeObj	BridgeCut	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	Unitless	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
SU5_serv	BOBJ1	22	64	Before	Interior Girder 5	64	0.95	1	1	4.627493
SU5_serv	BOBJ1	22	64	Before	Interior Girder 6	64	0.95	1	1	4.514372
SU5_serv	BOBJ1	22	64	Before	Right Exterior Girder	64	0.95	1	1	7.187369
SU5_serv	BOBJ1	23	64	After	Left Exterior Girder	64	0.95	1	1	7.223693
SU5_serv	BOBJ1	23	64	After	Interior Girder 1	64	0.95	1	1	4.48293
SU5_serv	BOBJ1	23	64	After	Interior Girder 2	64	0.95	1	1	4.608215
SU5_serv	BOBJ1	23	64	After	Interior Girder 3	64	0.95	1	1	4.77211
SU5_serv	BOBJ1	23	64	After	Interior Girder 4	64	0.95	1	1	4.769947
SU5_serv	BOBJ1	23	64	After	Interior Girder 5	64	0.95	1	1	4.604776
SU5_serv	BOBJ1	23	64	After	Interior Girder 6	64	0.95	1	1	4.483344
SU5_serv	BOBJ1	23	64	After	Right Exterior Girder	64	0.95	1	1	7.230348
SU5_serv	BOBJ1	24	69	Before	Interior Girder 1	69	0.95	1	1	3.462366
SU5_serv	BOBJ1	24	69	Before	Interior Girder 2	69	0.95	1	1	3.531525
SU5_serv	BOBJ1	24	69	Before	Interior Girder 3	69	0.95	1	1	3.460228
SU5_serv	BOBJ1	24	69	Before	Interior Girder 4	69	0.95	1	1	3.458585
SU5_serv	BOBJ1	24	69	Before	Interior Girder 5	69	0.95	1	1	3.527754
SU5_serv	BOBJ1	24	69	Before	Interior Girder 6	69	0.95	1	1	3.463221
SU5_serv	BOBJ1	25	69	After	Interior Girder 1	69	0.95	1	1	7.282033
SU5_serv	BOBJ1	25	69	After	Interior Girder 2	69	0.95	1	1	7.353694
SU5_serv	BOBJ1	25	69	After	Interior Girder 3	69	0.95	1	1	7.264738
SU5_serv	BOBJ1	25	69	After	Interior Girder 4	69	0.95	1	1	7.261015
SU5_serv	BOBJ1	25	69	After	Interior Girder 5	69	0.95	1	1	7.346261
SU5_serv	BOBJ1	25	69	After	Interior Girder 6	69	0.95	1	1	7.283524
SU5_serv	BOBJ1	26	72	Before	Left Exterior Girder	72	0.95	1	1	5.32132
SU5_serv	BOBJ1	26	72	Before	Interior Girder 1	72	0.95	1	1	6.531919
SU5_serv	BOBJ1	26	72	Before	Interior Girder 2	72	0.95	1	1	6.541167
SU5_serv	BOBJ1	26	72	Before	Interior Girder 3	72	0.95	1	1	6.297926
SU5_serv	BOBJ1	26	72	Before	Interior Girder 4	72	0.95	1	1	6.294747
SU5_serv	BOBJ1	26	72	Before	Interior Girder 5	72	0.95	1	1	6.533384
SU5_serv	BOBJ1	26	72	Before	Interior Girder 6	72	0.95	1	1	6.533906
SU5_serv	BOBJ1	26	72	Before	Right Exterior Girder	72	0.95	1	1	5.327036
SU5_serv	BOBJ1	27	72	After	Left Exterior Girder	72	0.95	1	1	5.344751
SU5_serv	BOBJ1	27	72	After	Interior Girder 1	72	0.95	1	1	6.461371
SU5_serv	BOBJ1	27	72	After	Interior Girder 2	72	0.95	1	1	6.465208
SU5_serv	BOBJ1	27	72	After	Interior Girder 3	72	0.95	1	1	6.255781
SU5_serv	BOBJ1	27	72	After	Interior Girder 4	72	0.95	1	1	6.252061
SU5_serv	BOBJ1	27	72	After	Interior Girder 5	72	0.95	1	1	6.457279
SU5_serv	BOBJ1	27	72	After	Interior Girder 6	72	0.95	1	1	6.463468
SU5_serv	BOBJ1	27	72	After	Right Exterior Girder	72	0.95	1	1	5.350641
SU5_serv	BOBJ1	28	72.5	Before	Left Exterior Girder	72.5	0.95	1	1	5.190467
SU5_serv	BOBJ1	28	72.5	Before	Right Exterior Girder	72.5	0.95	1	1	5.196305
SU5_serv	BOBJ1	29	72.5	After	Left Exterior Girder	72.5	0.95	1	1	7.713621
SU5_serv	BOBJ1	29	72.5	After	Right Exterior Girder	72.5	0.95	1	1	7.722437
SU5_serv	BOBJ1	30	80	Before	Left Exterior Girder	80	0.95	1	1	5.657235
SU5_serv	BOBJ1	30	80	Before	Interior Girder 1	80	0.95	1	1	4.557642
SU5_serv	BOBJ1	30	80	Before	Interior Girder 2	80	0.95	1	1	4.283686
SU5_serv	BOBJ1	30	80	Before	Interior Girder 3	80	0.95	1	1	3.629389
SU5_serv	BOBJ1	30	80	Before	Interior Girder 4	80	0.95	1	1	3.635513
SU5_serv	BOBJ1	30	80	Before	Interior Girder 5	80	0.95	1	1	4.273871
SU5_serv	BOBJ1	30	80	Before	Interior Girder 6	80	0.95	1	1	4.559915
SU5_serv	BOBJ1	30	80	Before	Right Exterior Girder	80	0.95	1	1	5.664307
SU5_serv	BOBJ1	31	80	After	Left Exterior Girder	0	0.95	1	1	5.46725
SU5_serv	BOBJ1	31	80	After	Interior Girder 1	0	0.95	1	1	4.432491
SU5_serv	BOBJ1	31	80	After	Interior Girder 2	0	0.95	1	1	4.233717
SU5_serv	BOBJ1	31	80	After	Interior Girder 3	0	0.95	1	1	3.602887
SU5_serv	BOBJ1	31	80	After	Interior Girder 4	0	0.95	1	1	3.610522
SU5_serv	BOBJ1	31	80	After	Interior Girder 5	0	0.95	1	1	4.224654
SU5_serv	BOBJ1	31	80	After	Interior Girder 6	0	0.95	1	1	4.439103
SU5_serv	BOBJ1	31	80	After	Right Exterior Girder	0	0.95	1	1	5.475102
SU5_serv	BOBJ1	32	87.5	Before	Left Exterior Girder	7.5	0.95	1	1	8.295581
SU5_serv	BOBJ1	32	87.5	Before	Right Exterior Girder	7.5	0.95	1	1	8.30451
SU5_serv	BOBJ1	33	87.5	After	Left Exterior Girder	7.5	0.95	1	1	5.51481
SU5_serv	BOBJ1	33	87.5	After	Right Exterior Girder	7.5	0.95	1	1	5.52058
SU5_serv	BOBJ1	34	88	Before	Left Exterior Girder	8	0.95	1	1	5.654827
SU5_serv	BOBJ1	34	88	Before	Interior Girder 1	8	0.95	1	1	6.449219
SU5_serv	BOBJ1	34	88	Before	Interior Girder 2	8	0.95	1	1	6.398461
SU5_serv	BOBJ1	34	88	Before	Interior Girder 3	8	0.95	1	1	6.096924
SU5_serv	BOBJ1	34	88	Before	Interior Girder 4	8	0.95	1	1	6.093232
SU5_serv	BOBJ1	34	88	Before	Interior Girder 5	8	0.95	1	1	6.390386
SU5_serv	BOBJ1	34	88	Before	Interior Girder 6	8	0.95	1	1	6.451213
SU5_serv	BOBJ1	34	88	Before	Right Exterior Girder	8	0.95	1	1	5.660652
SU5_serv	BOBJ1	35	88	After	Left Exterior Girder	8	0.95	1	1	5.69311
SU5_serv	BOBJ1	35	88	After	Interior Girder 1	8	0.95	1	1	6.464924

TABLE: Bridge Super Rating AASHTORATE18 31 - SteelICompServ-Flx - Approach, Span 4-6										
Request	BridgeObj	BridgeCut	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	Unitless	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
SU5_serv	BOBJ1	35	88	After	Interior Girder 2	8	0.95	1	1	6.473952
SU5_serv	BOBJ1	35	88	After	Interior Girder 3	8	0.95	1	1	6.140152
SU5_serv	BOBJ1	35	88	After	Interior Girder 4	8	0.95	1	1	6.137063
SU5_serv	BOBJ1	35	88	After	Interior Girder 5	8	0.95	1	1	6.466096
SU5_serv	BOBJ1	35	88	After	Interior Girder 6	8	0.95	1	1	6.466762
SU5_serv	BOBJ1	35	88	After	Right Exterior Girder	8	0.95	1	1	5.698765
SU5_serv	BOBJ1	36	91	Before	Interior Girder 1	11	0.95	1	1	7.135347
SU5_serv	BOBJ1	36	91	Before	Interior Girder 2	11	0.95	1	1	7.253869
SU5_serv	BOBJ1	36	91	Before	Interior Girder 3	11	0.95	1	1	7.092086
SU5_serv	BOBJ1	36	91	Before	Interior Girder 4	11	0.95	1	1	7.08838
SU5_serv	BOBJ1	36	91	Before	Interior Girder 5	11	0.95	1	1	7.246362
SU5_serv	BOBJ1	36	91	Before	Interior Girder 6	11	0.95	1	1	7.136717
SU5_serv	BOBJ1	37	91	After	Interior Girder 1	11	0.95	1	1	3.154287
SU5_serv	BOBJ1	37	91	After	Interior Girder 2	11	0.95	1	1	3.251572
SU5_serv	BOBJ1	37	91	After	Interior Girder 3	11	0.95	1	1	3.153528
SU5_serv	BOBJ1	37	91	After	Interior Girder 4	11	0.95	1	1	3.152034
SU5_serv	BOBJ1	37	91	After	Interior Girder 5	11	0.95	1	1	3.248121
SU5_serv	BOBJ1	37	91	After	Interior Girder 6	11	0.95	1	1	3.155008
SU5_serv	BOBJ1	38	96	Before	Left Exterior Girder	16	0.95	1	1	7.937282
SU5_serv	BOBJ1	38	96	Before	Interior Girder 1	16	0.95	1	1	4.005197
SU5_serv	BOBJ1	38	96	Before	Interior Girder 2	16	0.95	1	1	4.199366
SU5_serv	BOBJ1	38	96	Before	Interior Girder 3	16	0.95	1	1	4.359228
SU5_serv	BOBJ1	38	96	Before	Interior Girder 4	16	0.95	1	1	4.357202
SU5_serv	BOBJ1	38	96	Before	Interior Girder 5	16	0.95	1	1	4.196286
SU5_serv	BOBJ1	38	96	Before	Interior Girder 6	16	0.95	1	1	4.005519
SU5_serv	BOBJ1	38	96	Before	Right Exterior Girder	16	0.95	1	1	7.943751
SU5_serv	BOBJ1	39	96	After	Left Exterior Girder	16	0.95	1	1	3.752279
SU5_serv	BOBJ1	39	96	After	Interior Girder 1	16	0.95	1	1	4.050041
SU5_serv	BOBJ1	39	96	After	Interior Girder 2	16	0.95	1	1	4.208562
SU5_serv	BOBJ1	39	96	After	Interior Girder 3	16	0.95	1	1	4.339353
SU5_serv	BOBJ1	39	96	After	Interior Girder 4	16	0.95	1	1	4.33752
SU5_serv	BOBJ1	39	96	After	Interior Girder 5	16	0.95	1	1	4.205199
SU5_serv	BOBJ1	39	96	After	Interior Girder 6	16	0.95	1	1	4.050497
SU5_serv	BOBJ1	39	96	After	Right Exterior Girder	16	0.95	1	1	3.755461
SU5_serv	BOBJ1	40	104	Before	Left Exterior Girder	24	0.95	1	1	4.826816
SU5_serv	BOBJ1	40	104	Before	Interior Girder 1	24	0.95	1	1	4.04967
SU5_serv	BOBJ1	40	104	Before	Interior Girder 2	24	0.95	1	1	3.854719
SU5_serv	BOBJ1	40	104	Before	Interior Girder 3	24	0.95	1	1	3.808942
SU5_serv	BOBJ1	40	104	Before	Interior Girder 4	24	0.95	1	1	3.826242
SU5_serv	BOBJ1	40	104	Before	Interior Girder 5	24	0.95	1	1	3.845779
SU5_serv	BOBJ1	40	104	Before	Interior Girder 6	24	0.95	1	1	4.060766
SU5_serv	BOBJ1	40	104	Before	Right Exterior Girder	24	0.95	1	1	4.831448
SU5_serv	BOBJ1	41	104	After	Left Exterior Girder	24	0.95	1	1	4.940817
SU5_serv	BOBJ1	41	104	After	Interior Girder 1	24	0.95	1	1	3.987076
SU5_serv	BOBJ1	41	104	After	Interior Girder 2	24	0.95	1	1	3.850789
SU5_serv	BOBJ1	41	104	After	Interior Girder 3	24	0.95	1	1	3.859205
SU5_serv	BOBJ1	41	104	After	Interior Girder 4	24	0.95	1	1	3.875738
SU5_serv	BOBJ1	41	104	After	Interior Girder 5	24	0.95	1	1	3.842763
SU5_serv	BOBJ1	41	104	After	Interior Girder 6	24	0.95	1	1	3.99759
SU5_serv	BOBJ1	41	104	After	Right Exterior Girder	24	0.95	1	1	4.945293
SU5_serv	BOBJ1	42	112	Before	Left Exterior Girder	32	0.95	1	1	3.257794
SU5_serv	BOBJ1	42	112	Before	Interior Girder 1	32	0.95	1	1	3.229745
SU5_serv	BOBJ1	42	112	Before	Interior Girder 2	32	0.95	1	1	3.176878
SU5_serv	BOBJ1	42	112	Before	Interior Girder 3	32	0.95	1	1	3.250494
SU5_serv	BOBJ1	42	112	Before	Interior Girder 4	32	0.95	1	1	3.249912
SU5_serv	BOBJ1	42	112	Before	Interior Girder 5	32	0.95	1	1	3.176196
SU5_serv	BOBJ1	42	112	Before	Interior Girder 6	32	0.95	1	1	3.229063
SU5_serv	BOBJ1	42	112	Before	Right Exterior Girder	32	0.95	1	1	3.262401
SU5_serv	BOBJ1	43	112	After	Left Exterior Girder	32	0.95	1	1	3.305293
SU5_serv	BOBJ1	43	112	After	Interior Girder 1	32	0.95	1	1	3.200452
SU5_serv	BOBJ1	43	112	After	Interior Girder 2	32	0.95	1	1	3.171112
SU5_serv	BOBJ1	43	112	After	Interior Girder 3	32	0.95	1	1	3.255868
SU5_serv	BOBJ1	43	112	After	Interior Girder 4	32	0.95	1	1	3.254076
SU5_serv	BOBJ1	43	112	After	Interior Girder 5	32	0.95	1	1	3.170894
SU5_serv	BOBJ1	43	112	After	Interior Girder 6	32	0.95	1	1	3.199804
SU5_serv	BOBJ1	43	112	After	Right Exterior Girder	32	0.95	1	1	3.309838
SU5_serv	BOBJ1	44	120	Before	Left Exterior Girder	40	0.95	1	1	3.102572
SU5_serv	BOBJ1	44	120	Before	Interior Girder 1	40	0.95	1	1	2.831651
SU5_serv	BOBJ1	44	120	Before	Interior Girder 2	40	0.95	1	1	2.818324
SU5_serv	BOBJ1	44	120	Before	Interior Girder 3	40	0.95	1	1	2.858979
SU5_serv	BOBJ1	44	120	Before	Interior Girder 4	40	0.95	1	1	2.869054
SU5_serv	BOBJ1	44	120	Before	Interior Girder 5	40	0.95	1	1	2.812202
SU5_serv	BOBJ1	44	120	Before	Interior Girder 6	40	0.95	1	1	2.837821

TABLE: Bridge Super Rating AASHTORATE18 31 - SteelICompServ-Flx - Approach, Span 4-6										
Request	BridgeObj	BridgeCut	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	Unitless	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
SU5_serv	BOBJ1	44	120	Before	Right Exterior Girder	40	0.95	1	1	3.105309
SU5_serv	BOBJ1	45	120	After	Left Exterior Girder	40	0.95	1	1	3.107092
SU5_serv	BOBJ1	45	120	After	Interior Girder 1	40	0.95	1	1	2.829257
SU5_serv	BOBJ1	45	120	After	Interior Girder 2	40	0.95	1	1	2.817391
SU5_serv	BOBJ1	45	120	After	Interior Girder 3	40	0.95	1	1	2.859657
SU5_serv	BOBJ1	45	120	After	Interior Girder 4	40	0.95	1	1	2.869665
SU5_serv	BOBJ1	45	120	After	Interior Girder 5	40	0.95	1	1	2.811202
SU5_serv	BOBJ1	45	120	After	Interior Girder 6	40	0.95	1	1	2.835427
SU5_serv	BOBJ1	45	120	After	Right Exterior Girder	40	0.95	1	1	3.109829
SU5_serv	BOBJ1	46	128	Before	Left Exterior Girder	48	0.95	1	1	3.251577
SU5_serv	BOBJ1	46	128	Before	Interior Girder 1	48	0.95	1	1	3.176181
SU5_serv	BOBJ1	46	128	Before	Interior Girder 2	48	0.95	1	1	3.150826
SU5_serv	BOBJ1	46	128	Before	Interior Girder 3	48	0.95	1	1	3.237328
SU5_serv	BOBJ1	46	128	Before	Interior Girder 4	48	0.95	1	1	3.235543
SU5_serv	BOBJ1	46	128	Before	Interior Girder 5	48	0.95	1	1	3.150603
SU5_serv	BOBJ1	46	128	Before	Interior Girder 6	48	0.95	1	1	3.175528
SU5_serv	BOBJ1	46	128	Before	Right Exterior Girder	48	0.95	1	1	3.256036
SU5_serv	BOBJ1	47	128	After	Left Exterior Girder	48	0.95	1	1	3.211812
SU5_serv	BOBJ1	47	128	After	Interior Girder 1	48	0.95	1	1	3.198607
SU5_serv	BOBJ1	47	128	After	Interior Girder 2	48	0.95	1	1	3.156429
SU5_serv	BOBJ1	47	128	After	Interior Girder 3	48	0.95	1	1	3.233321
SU5_serv	BOBJ1	47	128	After	Interior Girder 4	48	0.95	1	1	3.23273
SU5_serv	BOBJ1	47	128	After	Interior Girder 5	48	0.95	1	1	3.15575
SU5_serv	BOBJ1	47	128	After	Interior Girder 6	48	0.95	1	1	3.19793
SU5_serv	BOBJ1	47	128	After	Right Exterior Girder	48	0.95	1	1	3.216334
SU5_serv	BOBJ1	48	136	Before	Left Exterior Girder	56	0.95	1	1	4.766947
SU5_serv	BOBJ1	48	136	Before	Interior Girder 1	56	0.95	1	1	3.924191
SU5_serv	BOBJ1	48	136	Before	Interior Girder 2	56	0.95	1	1	3.803105
SU5_serv	BOBJ1	48	136	Before	Interior Girder 3	56	0.95	1	1	3.81741
SU5_serv	BOBJ1	48	136	Before	Interior Girder 4	56	0.95	1	1	3.833575
SU5_serv	BOBJ1	48	136	Before	Interior Girder 5	56	0.95	1	1	3.795243
SU5_serv	BOBJ1	48	136	Before	Interior Girder 6	56	0.95	1	1	3.934398
SU5_serv	BOBJ1	48	136	Before	Right Exterior Girder	56	0.95	1	1	4.771296
SU5_serv	BOBJ1	49	136	After	Left Exterior Girder	56	0.95	1	1	4.664896
SU5_serv	BOBJ1	49	136	After	Interior Girder 1	56	0.95	1	1	3.979926
SU5_serv	BOBJ1	49	136	After	Interior Girder 2	56	0.95	1	1	3.807614
SU5_serv	BOBJ1	49	136	After	Interior Girder 3	56	0.95	1	1	3.770545
SU5_serv	BOBJ1	49	136	After	Interior Girder 4	56	0.95	1	1	3.787476
SU5_serv	BOBJ1	49	136	After	Interior Girder 5	56	0.95	1	1	3.798867
SU5_serv	BOBJ1	49	136	After	Interior Girder 6	56	0.95	1	1	3.990669
SU5_serv	BOBJ1	49	136	After	Right Exterior Girder	56	0.95	1	1	4.66938
SU5_serv	BOBJ1	50	144	Before	Left Exterior Girder	64	0.95	1	1	3.702788
SU5_serv	BOBJ1	50	144	Before	Interior Girder 1	64	0.95	1	1	3.977791
SU5_serv	BOBJ1	50	144	Before	Interior Girder 2	64	0.95	1	1	4.167382
SU5_serv	BOBJ1	50	144	Before	Interior Girder 3	64	0.95	1	1	4.334216
SU5_serv	BOBJ1	50	144	Before	Interior Girder 4	64	0.95	1	1	4.332507
SU5_serv	BOBJ1	50	144	Before	Interior Girder 5	64	0.95	1	1	4.164278
SU5_serv	BOBJ1	50	144	Before	Interior Girder 6	64	0.95	1	1	3.97824
SU5_serv	BOBJ1	50	144	Before	Right Exterior Girder	64	0.95	1	1	3.705787
SU5_serv	BOBJ1	51	144	After	Left Exterior Girder	64	0.95	1	1	7.239771
SU5_serv	BOBJ1	51	144	After	Interior Girder 1	64	0.95	1	1	3.923679
SU5_serv	BOBJ1	51	144	After	Interior Girder 2	64	0.95	1	1	4.154199
SU5_serv	BOBJ1	51	144	After	Interior Girder 3	64	0.95	1	1	4.350275
SU5_serv	BOBJ1	51	144	After	Interior Girder 4	64	0.95	1	1	4.348356
SU5_serv	BOBJ1	51	144	After	Interior Girder 5	64	0.95	1	1	4.151361
SU5_serv	BOBJ1	51	144	After	Interior Girder 6	64	0.95	1	1	3.924017
SU5_serv	BOBJ1	51	144	After	Right Exterior Girder	64	0.95	1	1	7.245416
SU5_serv	BOBJ1	52	150	Before	Interior Girder 1	70	0.95	1	1	2.927695
SU5_serv	BOBJ1	52	150	Before	Interior Girder 2	70	0.95	1	1	3.045148
SU5_serv	BOBJ1	52	150	Before	Interior Girder 3	70	0.95	1	1	2.958385
SU5_serv	BOBJ1	52	150	Before	Interior Girder 4	70	0.95	1	1	2.957007
SU5_serv	BOBJ1	52	150	Before	Interior Girder 5	70	0.95	1	1	3.041956
SU5_serv	BOBJ1	52	150	Before	Interior Girder 6	70	0.95	1	1	2.928403
SU5_serv	BOBJ1	53	150	After	Interior Girder 1	70	0.95	1	1	6.338854
SU5_serv	BOBJ1	53	150	After	Interior Girder 2	70	0.95	1	1	6.477696
SU5_serv	BOBJ1	53	150	After	Interior Girder 3	70	0.95	1	1	6.345691
SU5_serv	BOBJ1	53	150	After	Interior Girder 4	70	0.95	1	1	6.342423
SU5_serv	BOBJ1	53	150	After	Interior Girder 5	70	0.95	1	1	6.47105
SU5_serv	BOBJ1	53	150	After	Interior Girder 6	70	0.95	1	1	6.340145
SU5_serv	BOBJ1	54	152	Before	Left Exterior Girder	72	0.95	1	1	5.111454
SU5_serv	BOBJ1	54	152	Before	Interior Girder 1	72	0.95	1	1	5.898345
SU5_serv	BOBJ1	54	152	Before	Interior Girder 2	72	0.95	1	1	5.992045
SU5_serv	BOBJ1	54	152	Before	Interior Girder 3	72	0.95	1	1	5.754513

TABLE: Bridge Super Rating AASHTORATE18 31 - SteelICompServ-Flx - Approach, Span 4-6										
Request	BridgeObj	BridgeCut	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	Unitless	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
SU5_serv	BOBJ1	54	152	Before	Interior Girder 4	72	0.95	1	1	5.751667
SU5_serv	BOBJ1	54	152	Before	Interior Girder 5	72	0.95	1	1	5.985204
SU5_serv	BOBJ1	54	152	Before	Interior Girder 6	72	0.95	1	1	5.899927
SU5_serv	BOBJ1	54	152	Before	Right Exterior Girder	72	0.95	1	1	5.116322
SU5_serv	BOBJ1	55	152	After	Left Exterior Girder	72	0.95	1	1	5.113345
SU5_serv	BOBJ1	55	152	After	Interior Girder 1	72	0.95	1	1	5.871539
SU5_serv	BOBJ1	55	152	After	Interior Girder 2	72	0.95	1	1	5.930424
SU5_serv	BOBJ1	55	152	After	Interior Girder 3	72	0.95	1	1	5.717176
SU5_serv	BOBJ1	55	152	After	Interior Girder 4	72	0.95	1	1	5.7138
SU5_serv	BOBJ1	55	152	After	Interior Girder 5	72	0.95	1	1	5.923377
SU5_serv	BOBJ1	55	152	After	Interior Girder 6	72	0.95	1	1	5.873197
SU5_serv	BOBJ1	55	152	After	Right Exterior Girder	72	0.95	1	1	5.11837
SU5_serv	BOBJ1	56	154	Before	Left Exterior Girder	74	0.95	1	1	4.586502
SU5_serv	BOBJ1	56	154	Before	Right Exterior Girder	74	0.95	1	1	4.591296
SU5_serv	BOBJ1	57	154	After	Left Exterior Girder	74	0.95	1	1	6.925699
SU5_serv	BOBJ1	57	154	After	Right Exterior Girder	74	0.95	1	1	6.933095
SU5_serv	BOBJ1	58	160	Before	Left Exterior Girder	80	0.95	1	1	5.068801
SU5_serv	BOBJ1	58	160	Before	Interior Girder 1	80	0.95	1	1	4.175335
SU5_serv	BOBJ1	58	160	Before	Interior Girder 2	80	0.95	1	1	4.029708
SU5_serv	BOBJ1	58	160	Before	Interior Girder 3	80	0.95	1	1	3.434672
SU5_serv	BOBJ1	58	160	Before	Interior Girder 4	80	0.95	1	1	3.441676
SU5_serv	BOBJ1	58	160	Before	Interior Girder 5	80	0.95	1	1	4.021167
SU5_serv	BOBJ1	58	160	Before	Interior Girder 6	80	0.95	1	1	4.177078
SU5_serv	BOBJ1	58	160	Before	Right Exterior Girder	80	0.95	1	1	5.074691
SU5_serv	BOBJ1	59	160	After	Left Exterior Girder	0	0.95	1	1	5.042942
SU5_serv	BOBJ1	59	160	After	Interior Girder 1	0	0.95	1	1	4.075894
SU5_serv	BOBJ1	59	160	After	Interior Girder 2	0	0.95	1	1	3.938481
SU5_serv	BOBJ1	59	160	After	Interior Girder 3	0	0.95	1	1	3.37087
SU5_serv	BOBJ1	59	160	After	Interior Girder 4	0	0.95	1	1	3.375967
SU5_serv	BOBJ1	59	160	After	Interior Girder 5	0	0.95	1	1	3.929803
SU5_serv	BOBJ1	59	160	After	Interior Girder 6	0	0.95	1	1	4.081478
SU5_serv	BOBJ1	59	160	After	Right Exterior Girder	0	0.95	1	1	5.049059
SU5_serv	BOBJ1	60	166	Before	Left Exterior Girder	6	0.95	1	1	7.035929
SU5_serv	BOBJ1	60	166	Before	Right Exterior Girder	6	0.95	1	1	7.044318
SU5_serv	BOBJ1	61	166	After	Left Exterior Girder	6	0.95	1	1	4.694975
SU5_serv	BOBJ1	61	166	After	Right Exterior Girder	6	0.95	1	1	4.700491
SU5_serv	BOBJ1	62	168	Before	Left Exterior Girder	8	0.95	1	1	5.243825
SU5_serv	BOBJ1	62	168	Before	Interior Girder 1	8	0.95	1	1	6.289084
SU5_serv	BOBJ1	62	168	Before	Interior Girder 2	8	0.95	1	1	6.315686
SU5_serv	BOBJ1	62	168	Before	Interior Girder 3	8	0.95	1	1	6.104629
SU5_serv	BOBJ1	62	168	Before	Interior Girder 4	8	0.95	1	1	6.100953
SU5_serv	BOBJ1	62	168	Before	Interior Girder 5	8	0.95	1	1	6.308037
SU5_serv	BOBJ1	62	168	Before	Interior Girder 6	8	0.95	1	1	6.290991
SU5_serv	BOBJ1	62	168	Before	Right Exterior Girder	8	0.95	1	1	5.249633
SU5_serv	BOBJ1	63	168	After	Left Exterior Girder	8	0.95	1	1	5.199636
SU5_serv	BOBJ1	63	168	After	Interior Girder 1	8	0.95	1	1	6.372961
SU5_serv	BOBJ1	63	168	After	Interior Girder 2	8	0.95	1	1	6.383715
SU5_serv	BOBJ1	63	168	After	Interior Girder 3	8	0.95	1	1	6.144656
SU5_serv	BOBJ1	63	168	After	Interior Girder 4	8	0.95	1	1	6.141465
SU5_serv	BOBJ1	63	168	After	Interior Girder 5	8	0.95	1	1	6.376235
SU5_serv	BOBJ1	63	168	After	Interior Girder 6	8	0.95	1	1	6.374802
SU5_serv	BOBJ1	63	168	After	Right Exterior Girder	8	0.95	1	1	5.205257
SU5_serv	BOBJ1	64	170	Before	Interior Girder 1	10	0.95	1	1	6.878076
SU5_serv	BOBJ1	64	170	Before	Interior Girder 2	10	0.95	1	1	6.918711
SU5_serv	BOBJ1	64	170	Before	Interior Girder 3	10	0.95	1	1	6.784002
SU5_serv	BOBJ1	64	170	Before	Interior Girder 4	10	0.95	1	1	6.780431
SU5_serv	BOBJ1	64	170	Before	Interior Girder 5	10	0.95	1	1	6.911438
SU5_serv	BOBJ1	64	170	Before	Interior Girder 6	10	0.95	1	1	6.879594
SU5_serv	BOBJ1	65	170	After	Interior Girder 1	10	0.95	1	1	3.388398
SU5_serv	BOBJ1	65	170	After	Interior Girder 2	10	0.95	1	1	3.460887
SU5_serv	BOBJ1	65	170	After	Interior Girder 3	10	0.95	1	1	3.357613
SU5_serv	BOBJ1	65	170	After	Interior Girder 4	10	0.95	1	1	3.355978
SU5_serv	BOBJ1	65	170	After	Interior Girder 5	10	0.95	1	1	3.457074
SU5_serv	BOBJ1	65	170	After	Interior Girder 6	10	0.95	1	1	3.38928
SU5_serv	BOBJ1	66	176	Before	Left Exterior Girder	16	0.95	1	1	7.223933
SU5_serv	BOBJ1	66	176	Before	Interior Girder 1	16	0.95	1	1	4.626808
SU5_serv	BOBJ1	66	176	Before	Interior Girder 2	16	0.95	1	1	4.785533
SU5_serv	BOBJ1	66	176	Before	Interior Girder 3	16	0.95	1	1	4.964124
SU5_serv	BOBJ1	66	176	Before	Interior Girder 4	16	0.95	1	1	4.96192
SU5_serv	BOBJ1	66	176	Before	Interior Girder 5	16	0.95	1	1	4.782048
SU5_serv	BOBJ1	66	176	Before	Interior Girder 6	16	0.95	1	1	4.627227
SU5_serv	BOBJ1	66	176	Before	Right Exterior Girder	16	0.95	1	1	7.229973
SU5_serv	BOBJ1	67	176	After	Left Exterior Girder	16	0.95	1	1	7.160168

TABLE: Bridge Super Rating AASHTORATE18 31 - SteelICompServ-Flx - Approach, Span 4-6										
Request	BridgeObj	BridgeCut	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	Unitless	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
SU5_serv	BOBJ1	67	176	After	Interior Girder 1	16	0.95	1	1	4.672481
SU5_serv	BOBJ1	67	176	After	Interior Girder 2	16	0.95	1	1	4.813371
SU5_serv	BOBJ1	67	176	After	Interior Girder 3	16	0.95	1	1	4.966662
SU5_serv	BOBJ1	67	176	After	Interior Girder 4	16	0.95	1	1	4.964706
SU5_serv	BOBJ1	67	176	After	Interior Girder 5	16	0.95	1	1	4.809687
SU5_serv	BOBJ1	67	176	After	Interior Girder 6	16	0.95	1	1	4.673022
SU5_serv	BOBJ1	67	176	After	Right Exterior Girder	16	0.95	1	1	7.16619
SU5_serv	BOBJ1	68	181	Before	Interior Girder 1	21	0.95	1	1	3.478899
SU5_serv	BOBJ1	68	181	Before	Interior Girder 2	21	0.95	1	1	3.283618
SU5_serv	BOBJ1	68	181	Before	Interior Girder 3	21	0.95	1	1	3.245541
SU5_serv	BOBJ1	68	181	Before	Interior Girder 4	21	0.95	1	1	3.258807
SU5_serv	BOBJ1	68	181	Before	Interior Girder 5	21	0.95	1	1	3.277014
SU5_serv	BOBJ1	68	181	Before	Interior Girder 6	21	0.95	1	1	3.486303
SU5_serv	BOBJ1	69	181	After	Interior Girder 1	21	0.95	1	1	5.570831
SU5_serv	BOBJ1	69	181	After	Interior Girder 2	21	0.95	1	1	5.219551
SU5_serv	BOBJ1	69	181	After	Interior Girder 3	21	0.95	1	1	5.269812
SU5_serv	BOBJ1	69	181	After	Interior Girder 4	21	0.95	1	1	5.291291
SU5_serv	BOBJ1	69	181	After	Interior Girder 5	21	0.95	1	1	5.208963
SU5_serv	BOBJ1	69	181	After	Interior Girder 6	21	0.95	1	1	5.582837
SU5_serv	BOBJ1	70	184	Before	Left Exterior Girder	24	0.95	1	1	4.772673
SU5_serv	BOBJ1	70	184	Before	Interior Girder 1	24	0.95	1	1	4.614919
SU5_serv	BOBJ1	70	184	Before	Interior Girder 2	24	0.95	1	1	4.407708
SU5_serv	BOBJ1	70	184	Before	Interior Girder 3	24	0.95	1	1	4.454257
SU5_serv	BOBJ1	70	184	Before	Interior Girder 4	24	0.95	1	1	4.471071
SU5_serv	BOBJ1	70	184	Before	Interior Girder 5	24	0.95	1	1	4.396747
SU5_serv	BOBJ1	70	184	Before	Interior Girder 6	24	0.95	1	1	4.626177
SU5_serv	BOBJ1	70	184	Before	Right Exterior Girder	24	0.95	1	1	4.776562
SU5_serv	BOBJ1	71	184	After	Left Exterior Girder	24	0.95	1	1	4.823652
SU5_serv	BOBJ1	71	184	After	Interior Girder 1	24	0.95	1	1	4.556877
SU5_serv	BOBJ1	71	184	After	Interior Girder 2	24	0.95	1	1	4.410546
SU5_serv	BOBJ1	71	184	After	Interior Girder 3	24	0.95	1	1	4.493095
SU5_serv	BOBJ1	71	184	After	Interior Girder 4	24	0.95	1	1	4.510616
SU5_serv	BOBJ1	71	184	After	Interior Girder 5	24	0.95	1	1	4.401671
SU5_serv	BOBJ1	71	184	After	Interior Girder 6	24	0.95	1	1	4.567552
SU5_serv	BOBJ1	71	184	After	Right Exterior Girder	24	0.95	1	1	4.827361
SU5_serv	BOBJ1	72	192	Before	Left Exterior Girder	32	0.95	1	1	3.546486
SU5_serv	BOBJ1	72	192	Before	Interior Girder 1	32	0.95	1	1	3.343591
SU5_serv	BOBJ1	72	192	Before	Interior Girder 2	32	0.95	1	1	3.348472
SU5_serv	BOBJ1	72	192	Before	Interior Girder 3	32	0.95	1	1	3.448284
SU5_serv	BOBJ1	72	192	Before	Interior Girder 4	32	0.95	1	1	3.44901
SU5_serv	BOBJ1	72	192	Before	Interior Girder 5	32	0.95	1	1	3.346356
SU5_serv	BOBJ1	72	192	Before	Interior Girder 6	32	0.95	1	1	3.343341
SU5_serv	BOBJ1	72	192	Before	Right Exterior Girder	32	0.95	1	1	3.55104
SU5_serv	BOBJ1	73	192	After	Left Exterior Girder	32	0.95	1	1	3.570487
SU5_serv	BOBJ1	73	192	After	Interior Girder 1	32	0.95	1	1	3.306163
SU5_serv	BOBJ1	73	192	After	Interior Girder 2	32	0.95	1	1	3.340952
SU5_serv	BOBJ1	73	192	After	Interior Girder 3	32	0.95	1	1	3.447955
SU5_serv	BOBJ1	73	192	After	Interior Girder 4	32	0.95	1	1	3.448694
SU5_serv	BOBJ1	73	192	After	Interior Girder 5	32	0.95	1	1	3.339805
SU5_serv	BOBJ1	73	192	After	Interior Girder 6	32	0.95	1	1	3.305957
SU5_serv	BOBJ1	73	192	After	Right Exterior Girder	32	0.95	1	1	3.574636
SU5_serv	BOBJ1	74	200	Before	Left Exterior Girder	40	0.95	1	1	3.073751
SU5_serv	BOBJ1	74	200	Before	Interior Girder 1	40	0.95	1	1	2.69354
SU5_serv	BOBJ1	74	200	Before	Interior Girder 2	40	0.95	1	1	2.738774
SU5_serv	BOBJ1	74	200	Before	Interior Girder 3	40	0.95	1	1	2.851774
SU5_serv	BOBJ1	74	200	Before	Interior Girder 4	40	0.95	1	1	2.859327
SU5_serv	BOBJ1	74	200	Before	Interior Girder 5	40	0.95	1	1	2.733341
SU5_serv	BOBJ1	74	200	Before	Interior Girder 6	40	0.95	1	1	2.69848
SU5_serv	BOBJ1	74	200	Before	Right Exterior Girder	40	0.95	1	1	3.07637
SU5_serv	BOBJ1	75	200	After	Left Exterior Girder	40	0.95	1	1	3.092845
SU5_serv	BOBJ1	75	200	After	Interior Girder 1	40	0.95	1	1	2.681603
SU5_serv	BOBJ1	75	200	After	Interior Girder 2	40	0.95	1	1	2.739228
SU5_serv	BOBJ1	75	200	After	Interior Girder 3	40	0.95	1	1	2.855256
SU5_serv	BOBJ1	75	200	After	Interior Girder 4	40	0.95	1	1	2.864112
SU5_serv	BOBJ1	75	200	After	Interior Girder 5	40	0.95	1	1	2.733998
SU5_serv	BOBJ1	75	200	After	Interior Girder 6	40	0.95	1	1	2.686405
SU5_serv	BOBJ1	75	200	After	Right Exterior Girder	40	0.95	1	1	3.095462
SU5_serv	BOBJ1	76	208	Before	Left Exterior Girder	48	0.95	1	1	2.855734
SU5_serv	BOBJ1	76	208	Before	Interior Girder 1	48	0.95	1	1	2.616959
SU5_serv	BOBJ1	76	208	Before	Interior Girder 2	48	0.95	1	1	2.70321
SU5_serv	BOBJ1	76	208	Before	Interior Girder 3	48	0.95	1	1	2.810949
SU5_serv	BOBJ1	76	208	Before	Interior Girder 4	48	0.95	1	1	2.811246
SU5_serv	BOBJ1	76	208	Before	Interior Girder 5	48	0.95	1	1	2.701746

TABLE: Bridge Super Rating AASHTORATE18 31 - SteelICompServ-Flx - Approach, Span 4-6										
Request	BridgeObj	BridgeCut	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	Unitless	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
SU5_serv	BOBJ1	76	208	Before	Interior Girder 6	48	0.95	1	1	2.616785
SU5_serv	BOBJ1	76	208	Before	Right Exterior Girder	48	0.95	1	1	2.859138
SU5_serv	BOBJ1	77	208	After	Left Exterior Girder	48	0.95	1	1	2.844384
SU5_serv	BOBJ1	77	208	After	Interior Girder 1	48	0.95	1	1	2.617906
SU5_serv	BOBJ1	77	208	After	Interior Girder 2	48	0.95	1	1	2.703843
SU5_serv	BOBJ1	77	208	After	Interior Girder 3	48	0.95	1	1	2.807804
SU5_serv	BOBJ1	77	208	After	Interior Girder 4	48	0.95	1	1	2.808027
SU5_serv	BOBJ1	77	208	After	Interior Girder 5	48	0.95	1	1	2.702097
SU5_serv	BOBJ1	77	208	After	Interior Girder 6	48	0.95	1	1	2.617739
SU5_serv	BOBJ1	77	208	After	Right Exterior Girder	48	0.95	1	1	2.847848
SU5_serv	BOBJ1	78	216	Before	Left Exterior Girder	56	0.95	1	1	3.304115
SU5_serv	BOBJ1	78	216	Before	Interior Girder 1	56	0.95	1	1	2.818002
SU5_serv	BOBJ1	78	216	Before	Interior Girder 2	56	0.95	1	1	2.851729
SU5_serv	BOBJ1	78	216	Before	Interior Girder 3	56	0.95	1	1	2.95701
SU5_serv	BOBJ1	78	216	Before	Interior Girder 4	56	0.95	1	1	2.966009
SU5_serv	BOBJ1	78	216	Before	Interior Girder 5	56	0.95	1	1	2.845913
SU5_serv	BOBJ1	78	216	Before	Interior Girder 6	56	0.95	1	1	2.823279
SU5_serv	BOBJ1	78	216	Before	Right Exterior Girder	56	0.95	1	1	3.306735
SU5_serv	BOBJ1	79	216	After	Left Exterior Girder	56	0.95	1	1	3.260826
SU5_serv	BOBJ1	79	216	After	Interior Girder 1	56	0.95	1	1	2.830801
SU5_serv	BOBJ1	79	216	After	Interior Girder 2	56	0.95	1	1	2.852365
SU5_serv	BOBJ1	79	216	After	Interior Girder 3	56	0.95	1	1	2.926733
SU5_serv	BOBJ1	79	216	After	Interior Girder 4	56	0.95	1	1	2.935071
SU5_serv	BOBJ1	79	216	After	Interior Girder 5	56	0.95	1	1	2.846323
SU5_serv	BOBJ1	79	216	After	Interior Girder 6	56	0.95	1	1	2.836289
SU5_serv	BOBJ1	79	216	After	Right Exterior Girder	56	0.95	1	1	3.264
SU5_serv	BOBJ1	80	224	Before	Left Exterior Girder	64	0.95	1	1	4.322024
SU5_serv	BOBJ1	80	224	Before	Interior Girder 1	64	0.95	1	1	3.940922
SU5_serv	BOBJ1	80	224	Before	Interior Girder 2	64	0.95	1	1	3.863303
SU5_serv	BOBJ1	80	224	Before	Interior Girder 3	64	0.95	1	1	3.955858
SU5_serv	BOBJ1	80	224	Before	Interior Girder 4	64	0.95	1	1	3.956767
SU5_serv	BOBJ1	80	224	Before	Interior Girder 5	64	0.95	1	1	3.862358
SU5_serv	BOBJ1	80	224	Before	Interior Girder 6	64	0.95	1	1	3.940219
SU5_serv	BOBJ1	80	224	Before	Right Exterior Girder	64	0.95	1	1	4.326057
SU5_serv	BOBJ1	81	224	After	Left Exterior Girder	64	0.95	1	1	4.274772
SU5_serv	BOBJ1	81	224	After	Interior Girder 1	64	0.95	1	1	3.999845
SU5_serv	BOBJ1	81	224	After	Interior Girder 2	64	0.95	1	1	3.850489
SU5_serv	BOBJ1	81	224	After	Interior Girder 3	64	0.95	1	1	3.879721
SU5_serv	BOBJ1	81	224	After	Interior Girder 4	64	0.95	1	1	3.880852
SU5_serv	BOBJ1	81	224	After	Interior Girder 5	64	0.95	1	1	3.847984
SU5_serv	BOBJ1	81	224	After	Interior Girder 6	64	0.95	1	1	3.999439
SU5_serv	BOBJ1	81	224	After	Right Exterior Girder	64	0.95	1	1	4.279232
SU5_serv	BOBJ1	82	232	Before	Left Exterior Girder	72	0.95	1	1	7.772986
SU5_serv	BOBJ1	82	232	Before	Interior Girder 1	72	0.95	1	1	7.003181
SU5_serv	BOBJ1	82	232	Before	Interior Girder 2	72	0.95	1	1	6.64263
SU5_serv	BOBJ1	82	232	Before	Interior Girder 3	72	0.95	1	1	6.704464
SU5_serv	BOBJ1	82	232	Before	Interior Girder 4	72	0.95	1	1	6.739525
SU5_serv	BOBJ1	82	232	Before	Interior Girder 5	72	0.95	1	1	6.6374
SU5_serv	BOBJ1	82	232	Before	Interior Girder 6	72	0.95	1	1	7.020566
SU5_serv	BOBJ1	82	232	Before	Right Exterior Girder	72	0.95	1	1	7.781279
SU5_serv	BOBJ1	83	232	After	Left Exterior Girder	72	0.95	1	1	7.817659
SU5_serv	BOBJ1	83	232	After	Interior Girder 1	72	0.95	1	1	6.965174
SU5_serv	BOBJ1	83	232	After	Interior Girder 2	72	0.95	1	1	6.516759
SU5_serv	BOBJ1	83	232	After	Interior Girder 3	72	0.95	1	1	6.378613
SU5_serv	BOBJ1	83	232	After	Interior Girder 4	72	0.95	1	1	6.410748
SU5_serv	BOBJ1	83	232	After	Interior Girder 5	72	0.95	1	1	6.503476
SU5_serv	BOBJ1	83	232	After	Interior Girder 6	72	0.95	1	1	6.986681
SU5_serv	BOBJ1	83	232	After	Right Exterior Girder	72	0.95	1	1	7.827142
SU5_serv	BOBJ1	84	240	Before	Left Exterior Girder	80	0.95	1	1	62.120967
SU5_serv	BOBJ1	84	240	Before	Interior Girder 1	80	0.95	1	1	37.030324
SU5_serv	BOBJ1	84	240	Before	Interior Girder 2	80	0.95	1	1	30.901917
SU5_serv	BOBJ1	84	240	Before	Interior Girder 3	80	0.95	1	1	21.231449
SU5_serv	BOBJ1	84	240	Before	Interior Girder 4	80	0.95	1	1	21.514683
SU5_serv	BOBJ1	84	240	Before	Interior Girder 5	80	0.95	1	1	30.612848
SU5_serv	BOBJ1	84	240	Before	Interior Girder 6	80	0.95	1	1	37.040176
SU5_serv	BOBJ1	84	240	Before	Right Exterior Girder	80	0.95	1	1	62.043247
SU6_serv	BOBJ1	1	0	After	Left Exterior Girder	0	0.95	1	1	425.584857
SU6_serv	BOBJ1	1	0	After	Interior Girder 1	0	0.95	1	1	468.31346
SU6_serv	BOBJ1	1	0	After	Interior Girder 2	0	0.95	1	1	332.996508
SU6_serv	BOBJ1	1	0	After	Interior Girder 3	0	0.95	1	1	212.676468
SU6_serv	BOBJ1	1	0	After	Interior Girder 4	0	0.95	1	1	216.47623
SU6_serv	BOBJ1	1	0	After	Interior Girder 5	0	0.95	1	1	329.50266
SU6_serv	BOBJ1	1	0	After	Interior Girder 6	0	0.95	1	1	453.038413

TABLE: Bridge Super Rating AASHTORATE18 31 - SteelICompServ-Flx - Approach, Span 4-6										
Request	BridgeObj	BridgeCut	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	Unitless	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
SU6_serv	BOBJ1	1	0	After	Right Exterior Girder	0	0.95	1	1	425.584856
SU6_serv	BOBJ1	2	8	Before	Left Exterior Girder	8	0.95	1	1	7.100473
SU6_serv	BOBJ1	2	8	Before	Interior Girder 1	8	0.95	1	1	6.58248
SU6_serv	BOBJ1	2	8	Before	Interior Girder 2	8	0.95	1	1	6.150018
SU6_serv	BOBJ1	2	8	Before	Interior Girder 3	8	0.95	1	1	5.717586
SU6_serv	BOBJ1	2	8	Before	Interior Girder 4	8	0.95	1	1	5.750346
SU6_serv	BOBJ1	2	8	Before	Interior Girder 5	8	0.95	1	1	6.131684
SU6_serv	BOBJ1	2	8	Before	Interior Girder 6	8	0.95	1	1	6.59884
SU6_serv	BOBJ1	2	8	Before	Right Exterior Girder	8	0.95	1	1	7.107806
SU6_serv	BOBJ1	3	8	After	Left Exterior Girder	8	0.95	1	1	7.127263
SU6_serv	BOBJ1	3	8	After	Interior Girder 1	8	0.95	1	1	6.569934
SU6_serv	BOBJ1	3	8	After	Interior Girder 2	8	0.95	1	1	6.273941
SU6_serv	BOBJ1	3	8	After	Interior Girder 3	8	0.95	1	1	5.935099
SU6_serv	BOBJ1	3	8	After	Interior Girder 4	8	0.95	1	1	5.968163
SU6_serv	BOBJ1	3	8	After	Interior Girder 5	8	0.95	1	1	6.255571
SU6_serv	BOBJ1	3	8	After	Interior Girder 6	8	0.95	1	1	6.58372
SU6_serv	BOBJ1	3	8	After	Right Exterior Girder	8	0.95	1	1	7.135451
SU6_serv	BOBJ1	4	16	Before	Left Exterior Girder	16	0.95	1	1	3.756235
SU6_serv	BOBJ1	4	16	Before	Interior Girder 1	16	0.95	1	1	3.91884
SU6_serv	BOBJ1	4	16	Before	Interior Girder 2	16	0.95	1	1	3.734805
SU6_serv	BOBJ1	4	16	Before	Interior Girder 3	16	0.95	1	1	3.724163
SU6_serv	BOBJ1	4	16	Before	Interior Girder 4	16	0.95	1	1	3.723531
SU6_serv	BOBJ1	4	16	Before	Interior Girder 5	16	0.95	1	1	3.732317
SU6_serv	BOBJ1	4	16	Before	Interior Girder 6	16	0.95	1	1	3.918752
SU6_serv	BOBJ1	4	16	Before	Right Exterior Girder	16	0.95	1	1	3.760515
SU6_serv	BOBJ1	5	16	After	Left Exterior Girder	16	0.95	1	1	3.787234
SU6_serv	BOBJ1	5	16	After	Interior Girder 1	16	0.95	1	1	3.881249
SU6_serv	BOBJ1	5	16	After	Interior Girder 2	16	0.95	1	1	3.749569
SU6_serv	BOBJ1	5	16	After	Interior Girder 3	16	0.95	1	1	3.786379
SU6_serv	BOBJ1	5	16	After	Interior Girder 4	16	0.95	1	1	3.786691
SU6_serv	BOBJ1	5	16	After	Interior Girder 5	16	0.95	1	1	3.747974
SU6_serv	BOBJ1	5	16	After	Interior Girder 6	16	0.95	1	1	3.880981
SU6_serv	BOBJ1	5	16	After	Right Exterior Girder	16	0.95	1	1	3.79175
SU6_serv	BOBJ1	6	20.5	Before	Left Exterior Girder	20.5	0.95	1	1	3.207439
SU6_serv	BOBJ1	6	20.5	Before	Right Exterior Girder	20.5	0.95	1	1	3.210431
SU6_serv	BOBJ1	7	20.5	After	Left Exterior Girder	20.5	0.95	1	1	3.830497
SU6_serv	BOBJ1	7	20.5	After	Right Exterior Girder	20.5	0.95	1	1	3.833891
SU6_serv	BOBJ1	8	24	Before	Left Exterior Girder	24	0.95	1	1	3.519771
SU6_serv	BOBJ1	8	24	Before	Interior Girder 1	24	0.95	1	1	2.87062
SU6_serv	BOBJ1	8	24	Before	Interior Girder 2	24	0.95	1	1	2.837965
SU6_serv	BOBJ1	8	24	Before	Interior Girder 3	24	0.95	1	1	2.872156
SU6_serv	BOBJ1	8	24	Before	Interior Girder 4	24	0.95	1	1	2.879465
SU6_serv	BOBJ1	8	24	Before	Interior Girder 5	24	0.95	1	1	2.832057
SU6_serv	BOBJ1	8	24	Before	Interior Girder 6	24	0.95	1	1	2.875904
SU6_serv	BOBJ1	8	24	Before	Right Exterior Girder	24	0.95	1	1	3.523167
SU6_serv	BOBJ1	9	24	After	Left Exterior Girder	24	0.95	1	1	3.504791
SU6_serv	BOBJ1	9	24	After	Interior Girder 1	24	0.95	1	1	2.881304
SU6_serv	BOBJ1	9	24	After	Interior Girder 2	24	0.95	1	1	2.833479
SU6_serv	BOBJ1	9	24	After	Interior Girder 3	24	0.95	1	1	2.884128
SU6_serv	BOBJ1	9	24	After	Interior Girder 4	24	0.95	1	1	2.892339
SU6_serv	BOBJ1	9	24	After	Interior Girder 5	24	0.95	1	1	2.827628
SU6_serv	BOBJ1	9	24	After	Interior Girder 6	24	0.95	1	1	2.886592
SU6_serv	BOBJ1	9	24	After	Right Exterior Girder	24	0.95	1	1	3.508034
SU6_serv	BOBJ1	10	32	Before	Left Exterior Girder	32	0.95	1	1	3.052038
SU6_serv	BOBJ1	10	32	Before	Interior Girder 1	32	0.95	1	1	2.709839
SU6_serv	BOBJ1	10	32	Before	Interior Girder 2	32	0.95	1	1	2.685105
SU6_serv	BOBJ1	10	32	Before	Interior Girder 3	32	0.95	1	1	2.75713
SU6_serv	BOBJ1	10	32	Before	Interior Girder 4	32	0.95	1	1	2.756657
SU6_serv	BOBJ1	10	32	Before	Interior Girder 5	32	0.95	1	1	2.68327
SU6_serv	BOBJ1	10	32	Before	Interior Girder 6	32	0.95	1	1	2.709596
SU6_serv	BOBJ1	10	32	Before	Right Exterior Girder	32	0.95	1	1	3.055935
SU6_serv	BOBJ1	11	32	After	Left Exterior Girder	32	0.95	1	1	3.061929
SU6_serv	BOBJ1	11	32	After	Interior Girder 1	32	0.95	1	1	2.710016
SU6_serv	BOBJ1	11	32	After	Interior Girder 2	32	0.95	1	1	2.678671
SU6_serv	BOBJ1	11	32	After	Interior Girder 3	32	0.95	1	1	2.754294
SU6_serv	BOBJ1	11	32	After	Interior Girder 4	32	0.95	1	1	2.754068
SU6_serv	BOBJ1	11	32	After	Interior Girder 5	32	0.95	1	1	2.677419
SU6_serv	BOBJ1	11	32	After	Interior Girder 6	32	0.95	1	1	2.709844
SU6_serv	BOBJ1	11	32	After	Right Exterior Girder	32	0.95	1	1	3.065773
SU6_serv	BOBJ1	12	40	Before	Left Exterior Girder	40	0.95	1	1	3.250206
SU6_serv	BOBJ1	12	40	Before	Interior Girder 1	40	0.95	1	1	2.73341
SU6_serv	BOBJ1	12	40	Before	Interior Girder 2	40	0.95	1	1	2.717214
SU6_serv	BOBJ1	12	40	Before	Interior Girder 3	40	0.95	1	1	2.811139

TABLE: Bridge Super Rating AASHTORATE18 31 - SteelICompServ-Flx - Approach, Span 4-6										
Request	BridgeObj	BridgeCut	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	Unitless	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
SU6_serv	BOBJ1	12	40	Before	Interior Girder 4	40	0.95	1	1	2.818948
SU6_serv	BOBJ1	12	40	Before	Interior Girder 5	40	0.95	1	1	2.71263
SU6_serv	BOBJ1	12	40	Before	Interior Girder 6	40	0.95	1	1	2.737369
SU6_serv	BOBJ1	12	40	Before	Right Exterior Girder	40	0.95	1	1	3.253073
SU6_serv	BOBJ1	13	40	After	Left Exterior Girder	40	0.95	1	1	3.258755
SU6_serv	BOBJ1	13	40	After	Interior Girder 1	40	0.95	1	1	2.744444
SU6_serv	BOBJ1	13	40	After	Interior Girder 2	40	0.95	1	1	2.714503
SU6_serv	BOBJ1	13	40	After	Interior Girder 3	40	0.95	1	1	2.806928
SU6_serv	BOBJ1	13	40	After	Interior Girder 4	40	0.95	1	1	2.813918
SU6_serv	BOBJ1	13	40	After	Interior Girder 5	40	0.95	1	1	2.709347
SU6_serv	BOBJ1	13	40	After	Interior Girder 6	40	0.95	1	1	2.748475
SU6_serv	BOBJ1	13	40	After	Right Exterior Girder	40	0.95	1	1	3.261715
SU6_serv	BOBJ1	14	46.5	Before	Left Exterior Girder	46.5	0.95	1	1	3.510906
SU6_serv	BOBJ1	14	46.5	Before	Right Exterior Girder	46.5	0.95	1	1	3.514892
SU6_serv	BOBJ1	15	46.5	After	Left Exterior Girder	46.5	0.95	1	1	3.024652
SU6_serv	BOBJ1	15	46.5	After	Right Exterior Girder	46.5	0.95	1	1	3.028171
SU6_serv	BOBJ1	16	48	Before	Left Exterior Girder	48	0.95	1	1	3.120425
SU6_serv	BOBJ1	16	48	Before	Interior Girder 1	48	0.95	1	1	3.322969
SU6_serv	BOBJ1	16	48	Before	Interior Girder 2	48	0.95	1	1	3.316338
SU6_serv	BOBJ1	16	48	Before	Interior Girder 3	48	0.95	1	1	3.393686
SU6_serv	BOBJ1	16	48	Before	Interior Girder 4	48	0.95	1	1	3.393881
SU6_serv	BOBJ1	16	48	Before	Interior Girder 5	48	0.95	1	1	3.315276
SU6_serv	BOBJ1	16	48	Before	Interior Girder 6	48	0.95	1	1	3.322773
SU6_serv	BOBJ1	16	48	Before	Right Exterior Girder	48	0.95	1	1	3.124288
SU6_serv	BOBJ1	17	48	After	Left Exterior Girder	48	0.95	1	1	3.108364
SU6_serv	BOBJ1	17	48	After	Interior Girder 1	48	0.95	1	1	3.360415
SU6_serv	BOBJ1	17	48	After	Interior Girder 2	48	0.95	1	1	3.320433
SU6_serv	BOBJ1	17	48	After	Interior Girder 3	48	0.95	1	1	3.38745
SU6_serv	BOBJ1	17	48	After	Interior Girder 4	48	0.95	1	1	3.387311
SU6_serv	BOBJ1	17	48	After	Interior Girder 5	48	0.95	1	1	3.318258
SU6_serv	BOBJ1	17	48	After	Interior Girder 6	48	0.95	1	1	3.360143
SU6_serv	BOBJ1	17	48	After	Right Exterior Girder	48	0.95	1	1	3.112298
SU6_serv	BOBJ1	18	56	Before	Left Exterior Girder	56	0.95	1	1	4.262195
SU6_serv	BOBJ1	18	56	Before	Interior Girder 1	56	0.95	1	1	4.508445
SU6_serv	BOBJ1	18	56	Before	Interior Girder 2	56	0.95	1	1	4.369401
SU6_serv	BOBJ1	18	56	Before	Interior Girder 3	56	0.95	1	1	4.432294
SU6_serv	BOBJ1	18	56	Before	Interior Girder 4	56	0.95	1	1	4.447949
SU6_serv	BOBJ1	18	56	Before	Interior Girder 5	56	0.95	1	1	4.360895
SU6_serv	BOBJ1	18	56	Before	Interior Girder 6	56	0.95	1	1	4.517925
SU6_serv	BOBJ1	18	56	Before	Right Exterior Girder	56	0.95	1	1	4.26574
SU6_serv	BOBJ1	19	56	After	Left Exterior Girder	56	0.95	1	1	4.218259
SU6_serv	BOBJ1	19	56	After	Interior Girder 1	56	0.95	1	1	4.566264
SU6_serv	BOBJ1	19	56	After	Interior Girder 2	56	0.95	1	1	4.360002
SU6_serv	BOBJ1	19	56	After	Interior Girder 3	56	0.95	1	1	4.397272
SU6_serv	BOBJ1	19	56	After	Interior Girder 4	56	0.95	1	1	4.411553
SU6_serv	BOBJ1	19	56	After	Interior Girder 5	56	0.95	1	1	4.349504
SU6_serv	BOBJ1	19	56	After	Interior Girder 6	56	0.95	1	1	4.576466
SU6_serv	BOBJ1	19	56	After	Right Exterior Girder	56	0.95	1	1	4.222291
SU6_serv	BOBJ1	20	59	Before	Interior Girder 1	59	0.95	1	1	5.464089
SU6_serv	BOBJ1	20	59	Before	Interior Girder 2	59	0.95	1	1	5.146904
SU6_serv	BOBJ1	20	59	Before	Interior Girder 3	59	0.95	1	1	5.194994
SU6_serv	BOBJ1	20	59	Before	Interior Girder 4	59	0.95	1	1	5.214248
SU6_serv	BOBJ1	20	59	Before	Interior Girder 5	59	0.95	1	1	5.136495
SU6_serv	BOBJ1	20	59	Before	Interior Girder 6	59	0.95	1	1	5.476595
SU6_serv	BOBJ1	21	59	After	Interior Girder 1	59	0.95	1	1	3.130429
SU6_serv	BOBJ1	21	59	After	Interior Girder 2	59	0.95	1	1	2.981634
SU6_serv	BOBJ1	21	59	After	Interior Girder 3	59	0.95	1	1	2.944324
SU6_serv	BOBJ1	21	59	After	Interior Girder 4	59	0.95	1	1	2.95577
SU6_serv	BOBJ1	21	59	After	Interior Girder 5	59	0.95	1	1	2.975348
SU6_serv	BOBJ1	21	59	After	Interior Girder 6	59	0.95	1	1	3.13767
SU6_serv	BOBJ1	22	64	Before	Left Exterior Girder	64	0.95	1	1	6.4483
SU6_serv	BOBJ1	22	64	Before	Interior Girder 1	64	0.95	1	1	4.045824
SU6_serv	BOBJ1	22	64	Before	Interior Girder 2	64	0.95	1	1	4.151609
SU6_serv	BOBJ1	22	64	Before	Interior Girder 3	64	0.95	1	1	4.287538
SU6_serv	BOBJ1	22	64	Before	Interior Girder 4	64	0.95	1	1	4.285622
SU6_serv	BOBJ1	22	64	Before	Interior Girder 5	64	0.95	1	1	4.148578
SU6_serv	BOBJ1	22	64	Before	Interior Girder 6	64	0.95	1	1	4.046322
SU6_serv	BOBJ1	22	64	Before	Right Exterior Girder	64	0.95	1	1	6.45421
SU6_serv	BOBJ1	23	64	After	Left Exterior Girder	64	0.95	1	1	6.486524
SU6_serv	BOBJ1	23	64	After	Interior Girder 1	64	0.95	1	1	4.018331
SU6_serv	BOBJ1	23	64	After	Interior Girder 2	64	0.95	1	1	4.130553
SU6_serv	BOBJ1	23	64	After	Interior Girder 3	64	0.95	1	1	4.286633
SU6_serv	BOBJ1	23	64	After	Interior Girder 4	64	0.95	1	1	4.28456

TABLE: Bridge Super Rating AASHTORATE18 31 - SteelICompServ-Flx - Approach, Span 4-6										
Request	BridgeObj	BridgeCut	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	Unitless	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
SU6_serv	BOBJ1	23	64	After	Interior Girder 5	64	0.95	1	1	4.127687
SU6_serv	BOBJ1	23	64	After	Interior Girder 6	64	0.95	1	1	4.018716
SU6_serv	BOBJ1	23	64	After	Right Exterior Girder	64	0.95	1	1	6.492422
SU6_serv	BOBJ1	24	69	Before	Interior Girder 1	69	0.95	1	1	3.103103
SU6_serv	BOBJ1	24	69	Before	Interior Girder 2	69	0.95	1	1	3.165573
SU6_serv	BOBJ1	24	69	Before	Interior Girder 3	69	0.95	1	1	3.10308
SU6_serv	BOBJ1	24	69	Before	Interior Girder 4	69	0.95	1	1	3.101533
SU6_serv	BOBJ1	24	69	Before	Interior Girder 5	69	0.95	1	1	3.162279
SU6_serv	BOBJ1	24	69	Before	Interior Girder 6	69	0.95	1	1	3.103906
SU6_serv	BOBJ1	25	69	After	Interior Girder 1	69	0.95	1	1	6.526781
SU6_serv	BOBJ1	25	69	After	Interior Girder 2	69	0.95	1	1	6.589532
SU6_serv	BOBJ1	25	69	After	Interior Girder 3	69	0.95	1	1	6.513856
SU6_serv	BOBJ1	25	69	After	Interior Girder 4	69	0.95	1	1	6.510299
SU6_serv	BOBJ1	25	69	After	Interior Girder 5	69	0.95	1	1	6.583039
SU6_serv	BOBJ1	25	69	After	Interior Girder 6	69	0.95	1	1	6.528176
SU6_serv	BOBJ1	26	72	Before	Left Exterior Girder	72	0.95	1	1	4.781112
SU6_serv	BOBJ1	26	72	Before	Interior Girder 1	72	0.95	1	1	5.855146
SU6_serv	BOBJ1	26	72	Before	Interior Girder 2	72	0.95	1	1	5.862711
SU6_serv	BOBJ1	26	72	Before	Interior Girder 3	72	0.95	1	1	5.639822
SU6_serv	BOBJ1	26	72	Before	Interior Girder 4	72	0.95	1	1	5.636851
SU6_serv	BOBJ1	26	72	Before	Interior Girder 5	72	0.95	1	1	5.855922
SU6_serv	BOBJ1	26	72	Before	Interior Girder 6	72	0.95	1	1	5.85701
SU6_serv	BOBJ1	26	72	Before	Right Exterior Girder	72	0.95	1	1	4.786032
SU6_serv	BOBJ1	27	72	After	Left Exterior Girder	72	0.95	1	1	4.79912
SU6_serv	BOBJ1	27	72	After	Interior Girder 1	72	0.95	1	1	5.789906
SU6_serv	BOBJ1	27	72	After	Interior Girder 2	72	0.95	1	1	5.792934
SU6_serv	BOBJ1	27	72	After	Interior Girder 3	72	0.95	1	1	5.598556
SU6_serv	BOBJ1	27	72	After	Interior Girder 4	72	0.95	1	1	5.595184
SU6_serv	BOBJ1	27	72	After	Interior Girder 5	72	0.95	1	1	5.785987
SU6_serv	BOBJ1	27	72	After	Interior Girder 6	72	0.95	1	1	5.791894
SU6_serv	BOBJ1	27	72	After	Right Exterior Girder	72	0.95	1	1	4.804173
SU6_serv	BOBJ1	28	72.5	Before	Left Exterior Girder	72.5	0.95	1	1	4.660143
SU6_serv	BOBJ1	28	72.5	Before	Right Exterior Girder	72.5	0.95	1	1	4.665157
SU6_serv	BOBJ1	29	72.5	After	Left Exterior Girder	72.5	0.95	1	1	6.921003
SU6_serv	BOBJ1	29	72.5	After	Right Exterior Girder	72.5	0.95	1	1	6.928555
SU6_serv	BOBJ1	30	80	Before	Left Exterior Girder	80	0.95	1	1	5.081508
SU6_serv	BOBJ1	30	80	Before	Interior Girder 1	80	0.95	1	1	4.081608
SU6_serv	BOBJ1	30	80	Before	Interior Girder 2	80	0.95	1	1	3.84691
SU6_serv	BOBJ1	30	80	Before	Interior Girder 3	80	0.95	1	1	3.255887
SU6_serv	BOBJ1	30	80	Before	Interior Girder 4	80	0.95	1	1	3.262393
SU6_serv	BOBJ1	30	80	Before	Interior Girder 5	80	0.95	1	1	3.837473
SU6_serv	BOBJ1	30	80	Before	Interior Girder 6	80	0.95	1	1	4.083751
SU6_serv	BOBJ1	30	80	Before	Right Exterior Girder	80	0.95	1	1	5.088173
SU6_serv	BOBJ1	31	80	After	Left Exterior Girder	0	0.95	1	1	4.911912
SU6_serv	BOBJ1	31	80	After	Interior Girder 1	0	0.95	1	1	3.967288
SU6_serv	BOBJ1	31	80	After	Interior Girder 2	0	0.95	1	1	3.799819
SU6_serv	BOBJ1	31	80	After	Interior Girder 3	0	0.95	1	1	3.227067
SU6_serv	BOBJ1	31	80	After	Interior Girder 4	0	0.95	1	1	3.235848
SU6_serv	BOBJ1	31	80	After	Interior Girder 5	0	0.95	1	1	3.791184
SU6_serv	BOBJ1	31	80	After	Interior Girder 6	0	0.95	1	1	3.973515
SU6_serv	BOBJ1	31	80	After	Right Exterior Girder	0	0.95	1	1	4.918794
SU6_serv	BOBJ1	32	87.5	Before	Left Exterior Girder	7.5	0.95	1	1	7.43094
SU6_serv	BOBJ1	32	87.5	Before	Right Exterior Girder	7.5	0.95	1	1	7.439058
SU6_serv	BOBJ1	33	87.5	After	Left Exterior Girder	7.5	0.95	1	1	4.938481
SU6_serv	BOBJ1	33	87.5	After	Right Exterior Girder	7.5	0.95	1	1	4.943838
SU6_serv	BOBJ1	34	88	Before	Left Exterior Girder	8	0.95	1	1	5.063498
SU6_serv	BOBJ1	34	88	Before	Interior Girder 1	8	0.95	1	1	5.781895
SU6_serv	BOBJ1	34	88	Before	Interior Girder 2	8	0.95	1	1	5.73732
SU6_serv	BOBJ1	34	88	Before	Interior Girder 3	8	0.95	1	1	5.462954
SU6_serv	BOBJ1	34	88	Before	Interior Girder 4	8	0.95	1	1	5.460093
SU6_serv	BOBJ1	34	88	Before	Interior Girder 5	8	0.95	1	1	5.730237
SU6_serv	BOBJ1	34	88	Before	Interior Girder 6	8	0.95	1	1	5.783627
SU6_serv	BOBJ1	34	88	Before	Right Exterior Girder	8	0.95	1	1	5.068908
SU6_serv	BOBJ1	35	88	After	Left Exterior Girder	8	0.95	1	1	5.095455
SU6_serv	BOBJ1	35	88	After	Interior Girder 1	8	0.95	1	1	5.796487
SU6_serv	BOBJ1	35	88	After	Interior Girder 2	8	0.95	1	1	5.804714
SU6_serv	BOBJ1	35	88	After	Interior Girder 3	8	0.95	1	1	5.504617
SU6_serv	BOBJ1	35	88	After	Interior Girder 4	8	0.95	1	1	5.502107
SU6_serv	BOBJ1	35	88	After	Interior Girder 5	8	0.95	1	1	5.797835
SU6_serv	BOBJ1	35	88	After	Interior Girder 6	8	0.95	1	1	5.798089
SU6_serv	BOBJ1	35	88	After	Right Exterior Girder	8	0.95	1	1	5.100692
SU6_serv	BOBJ1	36	91	Before	Interior Girder 1	11	0.95	1	1	6.399595
SU6_serv	BOBJ1	36	91	Before	Interior Girder 2	11	0.95	1	1	6.503557

TABLE: Bridge Super Rating AASHTORATE18 31 - SteelICompServ-Flx - Approach, Span 4-6										
Request	BridgeObj	BridgeCut	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	Unitless	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
SU6_serv	BOBJ1	36	91	Before	Interior Girder 3	11	0.95	1	1	6.35835
SU6_serv	BOBJ1	36	91	Before	Interior Girder 4	11	0.95	1	1	6.355044
SU6_serv	BOBJ1	36	91	Before	Interior Girder 5	11	0.95	1	1	6.496979
SU6_serv	BOBJ1	36	91	Before	Interior Girder 6	11	0.95	1	1	6.400731
SU6_serv	BOBJ1	37	91	After	Interior Girder 1	11	0.95	1	1	2.828765
SU6_serv	BOBJ1	37	91	After	Interior Girder 2	11	0.95	1	1	2.916044
SU6_serv	BOBJ1	37	91	After	Interior Girder 3	11	0.95	1	1	2.827484
SU6_serv	BOBJ1	37	91	After	Interior Girder 4	11	0.95	1	1	2.826155
SU6_serv	BOBJ1	37	91	After	Interior Girder 5	11	0.95	1	1	2.912975
SU6_serv	BOBJ1	37	91	After	Interior Girder 6	11	0.95	1	1	2.829359
SU6_serv	BOBJ1	38	96	Before	Left Exterior Girder	16	0.95	1	1	7.104191
SU6_serv	BOBJ1	38	96	Before	Interior Girder 1	16	0.95	1	1	3.591158
SU6_serv	BOBJ1	38	96	Before	Interior Girder 2	16	0.95	1	1	3.763466
SU6_serv	BOBJ1	38	96	Before	Interior Girder 3	16	0.95	1	1	3.908894
SU6_serv	BOBJ1	38	96	Before	Interior Girder 4	16	0.95	1	1	3.90705
SU6_serv	BOBJ1	38	96	Before	Interior Girder 5	16	0.95	1	1	3.760917
SU6_serv	BOBJ1	38	96	Before	Interior Girder 6	16	0.95	1	1	3.591435
SU6_serv	BOBJ1	38	96	Before	Right Exterior Girder	16	0.95	1	1	7.109791
SU6_serv	BOBJ1	39	96	After	Left Exterior Girder	16	0.95	1	1	3.357678
SU6_serv	BOBJ1	39	96	After	Interior Girder 1	16	0.95	1	1	3.632173
SU6_serv	BOBJ1	39	96	After	Interior Girder 2	16	0.95	1	1	3.772662
SU6_serv	BOBJ1	39	96	After	Interior Girder 3	16	0.95	1	1	3.890998
SU6_serv	BOBJ1	39	96	After	Interior Girder 4	16	0.95	1	1	3.889293
SU6_serv	BOBJ1	39	96	After	Interior Girder 5	16	0.95	1	1	3.769882
SU6_serv	BOBJ1	39	96	After	Interior Girder 6	16	0.95	1	1	3.632555
SU6_serv	BOBJ1	39	96	After	Right Exterior Girder	16	0.95	1	1	3.36045
SU6_serv	BOBJ1	40	104	Before	Left Exterior Girder	24	0.95	1	1	4.372343
SU6_serv	BOBJ1	40	104	Before	Interior Girder 1	24	0.95	1	1	3.720121
SU6_serv	BOBJ1	40	104	Before	Interior Girder 2	24	0.95	1	1	3.534133
SU6_serv	BOBJ1	40	104	Before	Interior Girder 3	24	0.95	1	1	3.499284
SU6_serv	BOBJ1	40	104	Before	Interior Girder 4	24	0.95	1	1	3.513344
SU6_serv	BOBJ1	40	104	Before	Interior Girder 5	24	0.95	1	1	3.526099
SU6_serv	BOBJ1	40	104	Before	Interior Girder 6	24	0.95	1	1	3.729786
SU6_serv	BOBJ1	40	104	Before	Right Exterior Girder	24	0.95	1	1	4.376529
SU6_serv	BOBJ1	41	104	After	Left Exterior Girder	24	0.95	1	1	4.478133
SU6_serv	BOBJ1	41	104	After	Interior Girder 1	24	0.95	1	1	3.657538
SU6_serv	BOBJ1	41	104	After	Interior Girder 2	24	0.95	1	1	3.526537
SU6_serv	BOBJ1	41	104	After	Interior Girder 3	24	0.95	1	1	3.541631
SU6_serv	BOBJ1	41	104	After	Interior Girder 4	24	0.95	1	1	3.556366
SU6_serv	BOBJ1	41	104	After	Interior Girder 5	24	0.95	1	1	3.519155
SU6_serv	BOBJ1	41	104	After	Interior Girder 6	24	0.95	1	1	3.666831
SU6_serv	BOBJ1	41	104	After	Right Exterior Girder	24	0.95	1	1	4.482152
SU6_serv	BOBJ1	42	112	Before	Left Exterior Girder	32	0.95	1	1	2.940474
SU6_serv	BOBJ1	42	112	Before	Interior Girder 1	32	0.95	1	1	2.932828
SU6_serv	BOBJ1	42	112	Before	Interior Girder 2	32	0.95	1	1	2.890203
SU6_serv	BOBJ1	42	112	Before	Interior Girder 3	32	0.95	1	1	2.953762
SU6_serv	BOBJ1	42	112	Before	Interior Girder 4	32	0.95	1	1	2.951484
SU6_serv	BOBJ1	42	112	Before	Interior Girder 5	32	0.95	1	1	2.889284
SU6_serv	BOBJ1	42	112	Before	Interior Girder 6	32	0.95	1	1	2.932218
SU6_serv	BOBJ1	42	112	Before	Right Exterior Girder	32	0.95	1	1	2.944751
SU6_serv	BOBJ1	43	112	After	Left Exterior Girder	32	0.95	1	1	2.984527
SU6_serv	BOBJ1	43	112	After	Interior Girder 1	32	0.95	1	1	2.905563
SU6_serv	BOBJ1	43	112	After	Interior Girder 2	32	0.95	1	1	2.882768
SU6_serv	BOBJ1	43	112	After	Interior Girder 3	32	0.95	1	1	2.956939
SU6_serv	BOBJ1	43	112	After	Interior Girder 4	32	0.95	1	1	2.954653
SU6_serv	BOBJ1	43	112	After	Interior Girder 5	32	0.95	1	1	2.882176
SU6_serv	BOBJ1	43	112	After	Interior Girder 6	32	0.95	1	1	2.905047
SU6_serv	BOBJ1	43	112	After	Right Exterior Girder	32	0.95	1	1	2.988512
SU6_serv	BOBJ1	44	120	Before	Left Exterior Girder	40	0.95	1	1	2.785081
SU6_serv	BOBJ1	44	120	Before	Interior Girder 1	40	0.95	1	1	2.564412
SU6_serv	BOBJ1	44	120	Before	Interior Girder 2	40	0.95	1	1	2.553815
SU6_serv	BOBJ1	44	120	Before	Interior Girder 3	40	0.95	1	1	2.607876
SU6_serv	BOBJ1	44	120	Before	Interior Girder 4	40	0.95	1	1	2.616185
SU6_serv	BOBJ1	44	120	Before	Interior Girder 5	40	0.95	1	1	2.54854
SU6_serv	BOBJ1	44	120	Before	Interior Girder 6	40	0.95	1	1	2.569605
SU6_serv	BOBJ1	44	120	Before	Right Exterior Girder	40	0.95	1	1	2.787557
SU6_serv	BOBJ1	45	120	After	Left Exterior Girder	40	0.95	1	1	2.788591
SU6_serv	BOBJ1	45	120	After	Interior Girder 1	40	0.95	1	1	2.562069
SU6_serv	BOBJ1	45	120	After	Interior Girder 2	40	0.95	1	1	2.552998
SU6_serv	BOBJ1	45	120	After	Interior Girder 3	40	0.95	1	1	2.608432
SU6_serv	BOBJ1	45	120	After	Interior Girder 4	40	0.95	1	1	2.616754
SU6_serv	BOBJ1	45	120	After	Interior Girder 5	40	0.95	1	1	2.547673
SU6_serv	BOBJ1	45	120	After	Interior Girder 6	40	0.95	1	1	2.567261

TABLE: Bridge Super Rating AASHTORATE18 31 - SteelICompServ-Flx - Approach, Span 4-6										
Request	BridgeObj	BridgeCut	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	Unitless	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
SU6_serv	BOBJ1	45	120	After	Right Exterior Girder	40	0.95	1	1	2.791067
SU6_serv	BOBJ1	46	128	Before	Left Exterior Girder	48	0.95	1	1	2.934951
SU6_serv	BOBJ1	46	128	Before	Interior Girder 1	48	0.95	1	1	2.88328
SU6_serv	BOBJ1	46	128	Before	Interior Girder 2	48	0.95	1	1	2.864291
SU6_serv	BOBJ1	46	128	Before	Interior Girder 3	48	0.95	1	1	2.940226
SU6_serv	BOBJ1	46	128	Before	Interior Girder 4	48	0.95	1	1	2.937868
SU6_serv	BOBJ1	46	128	Before	Interior Girder 5	48	0.95	1	1	2.863707
SU6_serv	BOBJ1	46	128	Before	Interior Girder 6	48	0.95	1	1	2.88275
SU6_serv	BOBJ1	46	128	Before	Right Exterior Girder	48	0.95	1	1	2.939083
SU6_serv	BOBJ1	47	128	After	Left Exterior Girder	48	0.95	1	1	2.897793
SU6_serv	BOBJ1	47	128	After	Interior Girder 1	48	0.95	1	1	2.904251
SU6_serv	BOBJ1	47	128	After	Interior Girder 2	48	0.95	1	1	2.871572
SU6_serv	BOBJ1	47	128	After	Interior Girder 3	48	0.95	1	1	2.937946
SU6_serv	BOBJ1	47	128	After	Interior Girder 4	48	0.95	1	1	2.935585
SU6_serv	BOBJ1	47	128	After	Interior Girder 5	48	0.95	1	1	2.870668
SU6_serv	BOBJ1	47	128	After	Interior Girder 6	48	0.95	1	1	2.903637
SU6_serv	BOBJ1	47	128	After	Right Exterior Girder	48	0.95	1	1	2.901988
SU6_serv	BOBJ1	48	136	Before	Left Exterior Girder	56	0.95	1	1	4.321527
SU6_serv	BOBJ1	48	136	Before	Interior Girder 1	56	0.95	1	1	3.600211
SU6_serv	BOBJ1	48	136	Before	Interior Girder 2	56	0.95	1	1	3.483462
SU6_serv	BOBJ1	48	136	Before	Interior Girder 3	56	0.95	1	1	3.5034
SU6_serv	BOBJ1	48	136	Before	Interior Girder 4	56	0.95	1	1	3.517789
SU6_serv	BOBJ1	48	136	Before	Interior Girder 5	56	0.95	1	1	3.476239
SU6_serv	BOBJ1	48	136	Before	Interior Girder 6	56	0.95	1	1	3.60923
SU6_serv	BOBJ1	48	136	Before	Right Exterior Girder	56	0.95	1	1	4.325433
SU6_serv	BOBJ1	49	136	After	Left Exterior Girder	56	0.95	1	1	4.226666
SU6_serv	BOBJ1	49	136	After	Interior Girder 1	56	0.95	1	1	3.656293
SU6_serv	BOBJ1	49	136	After	Interior Girder 2	56	0.95	1	1	3.491547
SU6_serv	BOBJ1	49	136	After	Interior Girder 3	56	0.95	1	1	3.464698
SU6_serv	BOBJ1	49	136	After	Interior Girder 4	56	0.95	1	1	3.478435
SU6_serv	BOBJ1	49	136	After	Interior Girder 5	56	0.95	1	1	3.483691
SU6_serv	BOBJ1	49	136	After	Interior Girder 6	56	0.95	1	1	3.665652
SU6_serv	BOBJ1	49	136	After	Right Exterior Girder	56	0.95	1	1	4.230719
SU6_serv	BOBJ1	50	144	Before	Left Exterior Girder	64	0.95	1	1	3.313129
SU6_serv	BOBJ1	50	144	Before	Interior Girder 1	64	0.95	1	1	3.566227
SU6_serv	BOBJ1	50	144	Before	Interior Girder 2	64	0.95	1	1	3.734979
SU6_serv	BOBJ1	50	144	Before	Interior Girder 3	64	0.95	1	1	3.885763
SU6_serv	BOBJ1	50	144	Before	Interior Girder 4	64	0.95	1	1	3.88418
SU6_serv	BOBJ1	50	144	Before	Interior Girder 5	64	0.95	1	1	3.732413
SU6_serv	BOBJ1	50	144	Before	Interior Girder 6	64	0.95	1	1	3.566606
SU6_serv	BOBJ1	50	144	Before	Right Exterior Girder	64	0.95	1	1	3.315732
SU6_serv	BOBJ1	51	144	After	Left Exterior Girder	64	0.95	1	1	6.478756
SU6_serv	BOBJ1	51	144	After	Interior Girder 1	64	0.95	1	1	3.516394
SU6_serv	BOBJ1	51	144	After	Interior Girder 2	64	0.95	1	1	3.722908
SU6_serv	BOBJ1	51	144	After	Interior Girder 3	64	0.95	1	1	3.900359
SU6_serv	BOBJ1	51	144	After	Interior Girder 4	64	0.95	1	1	3.898582
SU6_serv	BOBJ1	51	144	After	Interior Girder 5	64	0.95	1	1	3.720559
SU6_serv	BOBJ1	51	144	After	Interior Girder 6	64	0.95	1	1	3.516688
SU6_serv	BOBJ1	51	144	After	Right Exterior Girder	64	0.95	1	1	6.483621
SU6_serv	BOBJ1	52	150	Before	Interior Girder 1	70	0.95	1	1	2.625308
SU6_serv	BOBJ1	52	150	Before	Interior Girder 2	70	0.95	1	1	2.732027
SU6_serv	BOBJ1	52	150	Before	Interior Girder 3	70	0.95	1	1	2.652959
SU6_serv	BOBJ1	52	150	Before	Interior Girder 4	70	0.95	1	1	2.651734
SU6_serv	BOBJ1	52	150	Before	Interior Girder 5	70	0.95	1	1	2.729178
SU6_serv	BOBJ1	52	150	Before	Interior Girder 6	70	0.95	1	1	2.625893
SU6_serv	BOBJ1	53	150	After	Interior Girder 1	70	0.95	1	1	5.684
SU6_serv	BOBJ1	53	150	After	Interior Girder 2	70	0.95	1	1	5.809746
SU6_serv	BOBJ1	53	150	After	Interior Girder 3	70	0.95	1	1	5.690097
SU6_serv	BOBJ1	53	150	After	Interior Girder 4	70	0.95	1	1	5.687184
SU6_serv	BOBJ1	53	150	After	Interior Girder 5	70	0.95	1	1	5.803915
SU6_serv	BOBJ1	53	150	After	Interior Girder 6	70	0.95	1	1	5.685073
SU6_serv	BOBJ1	54	152	Before	Left Exterior Girder	72	0.95	1	1	4.574652
SU6_serv	BOBJ1	54	152	Before	Interior Girder 1	72	0.95	1	1	5.289557
SU6_serv	BOBJ1	54	152	Before	Interior Girder 2	72	0.95	1	1	5.373911
SU6_serv	BOBJ1	54	152	Before	Interior Girder 3	72	0.95	1	1	5.159982
SU6_serv	BOBJ1	54	152	Before	Interior Girder 4	72	0.95	1	1	5.15746
SU6_serv	BOBJ1	54	152	Before	Interior Girder 5	72	0.95	1	1	5.367912
SU6_serv	BOBJ1	54	152	Before	Interior Girder 6	72	0.95	1	1	5.290865
SU6_serv	BOBJ1	54	152	Before	Right Exterior Girder	72	0.95	1	1	4.579174
SU6_serv	BOBJ1	55	152	After	Left Exterior Girder	72	0.95	1	1	4.578222
SU6_serv	BOBJ1	55	152	After	Interior Girder 1	72	0.95	1	1	5.265609
SU6_serv	BOBJ1	55	152	After	Interior Girder 2	72	0.95	1	1	5.316416
SU6_serv	BOBJ1	55	152	After	Interior Girder 3	72	0.95	1	1	5.124084

TABLE: Bridge Super Rating AASHTORATE18 31 - SteelICompServ-Flx - Approach, Span 4-6										
Request	BridgeObj	BridgeCut	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	Unitless	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
SU6_serv	BOBJ1	55	152	After	Interior Girder 4	72	0.95	1	1	5.121404
SU6_serv	BOBJ1	55	152	After	Interior Girder 5	72	0.95	1	1	5.310232
SU6_serv	BOBJ1	55	152	After	Interior Girder 6	72	0.95	1	1	5.266983
SU6_serv	BOBJ1	55	152	After	Right Exterior Girder	72	0.95	1	1	4.582901
SU6_serv	BOBJ1	56	154	Before	Left Exterior Girder	74	0.95	1	1	4.107595
SU6_serv	BOBJ1	56	154	Before	Right Exterior Girder	74	0.95	1	1	4.112049
SU6_serv	BOBJ1	57	154	After	Left Exterior Girder	74	0.95	1	1	6.203569
SU6_serv	BOBJ1	57	154	After	Right Exterior Girder	74	0.95	1	1	6.210285
SU6_serv	BOBJ1	58	160	Before	Left Exterior Girder	80	0.95	1	1	4.555911
SU6_serv	BOBJ1	58	160	Before	Interior Girder 1	80	0.95	1	1	3.73996
SU6_serv	BOBJ1	58	160	Before	Interior Girder 2	80	0.95	1	1	3.616116
SU6_serv	BOBJ1	58	160	Before	Interior Girder 3	80	0.95	1	1	3.075894
SU6_serv	BOBJ1	58	160	Before	Interior Girder 4	80	0.95	1	1	3.084172
SU6_serv	BOBJ1	58	160	Before	Interior Girder 5	80	0.95	1	1	3.608049
SU6_serv	BOBJ1	58	160	Before	Interior Girder 6	80	0.95	1	1	3.741532
SU6_serv	BOBJ1	58	160	Before	Right Exterior Girder	80	0.95	1	1	4.561097
SU6_serv	BOBJ1	59	160	After	Left Exterior Girder	0	0.95	1	1	4.514528
SU6_serv	BOBJ1	59	160	After	Interior Girder 1	0	0.95	1	1	3.654955
SU6_serv	BOBJ1	59	160	After	Interior Girder 2	0	0.95	1	1	3.535285
SU6_serv	BOBJ1	59	160	After	Interior Girder 3	0	0.95	1	1	3.024566
SU6_serv	BOBJ1	59	160	After	Interior Girder 4	0	0.95	1	1	3.030124
SU6_serv	BOBJ1	59	160	After	Interior Girder 5	0	0.95	1	1	3.52704
SU6_serv	BOBJ1	59	160	After	Interior Girder 6	0	0.95	1	1	3.659439
SU6_serv	BOBJ1	59	160	After	Right Exterior Girder	0	0.95	1	1	4.520794
SU6_serv	BOBJ1	60	166	Before	Left Exterior Girder	6	0.95	1	1	6.308086
SU6_serv	BOBJ1	60	166	Before	Right Exterior Girder	6	0.95	1	1	6.315252
SU6_serv	BOBJ1	61	166	After	Left Exterior Girder	6	0.95	1	1	4.211859
SU6_serv	BOBJ1	61	166	After	Right Exterior Girder	6	0.95	1	1	4.21658
SU6_serv	BOBJ1	62	168	Before	Left Exterior Girder	8	0.95	1	1	4.706668
SU6_serv	BOBJ1	62	168	Before	Interior Girder 1	8	0.95	1	1	5.636154
SU6_serv	BOBJ1	62	168	Before	Interior Girder 2	8	0.95	1	1	5.658236
SU6_serv	BOBJ1	62	168	Before	Interior Girder 3	8	0.95	1	1	5.462703
SU6_serv	BOBJ1	62	168	Before	Interior Girder 4	8	0.95	1	1	5.459362
SU6_serv	BOBJ1	62	168	Before	Interior Girder 5	8	0.95	1	1	5.651517
SU6_serv	BOBJ1	62	168	Before	Interior Girder 6	8	0.95	1	1	5.637962
SU6_serv	BOBJ1	62	168	Before	Right Exterior Girder	8	0.95	1	1	4.711631
SU6_serv	BOBJ1	63	168	After	Left Exterior Girder	8	0.95	1	1	4.669774
SU6_serv	BOBJ1	63	168	After	Interior Girder 1	8	0.95	1	1	5.708964
SU6_serv	BOBJ1	63	168	After	Interior Girder 2	8	0.95	1	1	5.720738
SU6_serv	BOBJ1	63	168	After	Interior Girder 3	8	0.95	1	1	5.501103
SU6_serv	BOBJ1	63	168	After	Interior Girder 4	8	0.95	1	1	5.498112
SU6_serv	BOBJ1	63	168	After	Interior Girder 5	8	0.95	1	1	5.714192
SU6_serv	BOBJ1	63	168	After	Interior Girder 6	8	0.95	1	1	5.710689
SU6_serv	BOBJ1	63	168	After	Right Exterior Girder	8	0.95	1	1	4.674591
SU6_serv	BOBJ1	64	170	Before	Interior Girder 1	10	0.95	1	1	6.160736
SU6_serv	BOBJ1	64	170	Before	Interior Girder 2	10	0.95	1	1	6.199312
SU6_serv	BOBJ1	64	170	Before	Interior Girder 3	10	0.95	1	1	6.078801
SU6_serv	BOBJ1	64	170	Before	Interior Girder 4	10	0.95	1	1	6.075405
SU6_serv	BOBJ1	64	170	Before	Interior Girder 5	10	0.95	1	1	6.19294
SU6_serv	BOBJ1	64	170	Before	Interior Girder 6	10	0.95	1	1	6.162156
SU6_serv	BOBJ1	65	170	After	Interior Girder 1	10	0.95	1	1	3.034845
SU6_serv	BOBJ1	65	170	After	Interior Girder 2	10	0.95	1	1	3.101908
SU6_serv	BOBJ1	65	170	After	Interior Girder 3	10	0.95	1	1	3.008989
SU6_serv	BOBJ1	65	170	After	Interior Girder 4	10	0.95	1	1	3.007456
SU6_serv	BOBJ1	65	170	After	Interior Girder 5	10	0.95	1	1	3.098567
SU6_serv	BOBJ1	65	170	After	Interior Girder 6	10	0.95	1	1	3.035674
SU6_serv	BOBJ1	66	176	Before	Left Exterior Girder	16	0.95	1	1	6.480531
SU6_serv	BOBJ1	66	176	Before	Interior Girder 1	16	0.95	1	1	4.145365
SU6_serv	BOBJ1	66	176	Before	Interior Girder 2	16	0.95	1	1	4.289969
SU6_serv	BOBJ1	66	176	Before	Interior Girder 3	16	0.95	1	1	4.457656
SU6_serv	BOBJ1	66	176	Before	Interior Girder 4	16	0.95	1	1	4.455492
SU6_serv	BOBJ1	66	176	Before	Interior Girder 5	16	0.95	1	1	4.286898
SU6_serv	BOBJ1	66	176	Before	Interior Girder 6	16	0.95	1	1	4.145754
SU6_serv	BOBJ1	66	176	Before	Right Exterior Girder	16	0.95	1	1	6.486344
SU6_serv	BOBJ1	67	176	After	Left Exterior Girder	16	0.95	1	1	6.423672
SU6_serv	BOBJ1	67	176	After	Interior Girder 1	16	0.95	1	1	4.186054
SU6_serv	BOBJ1	67	176	After	Interior Girder 2	16	0.95	1	1	4.314501
SU6_serv	BOBJ1	67	176	After	Interior Girder 3	16	0.95	1	1	4.460409
SU6_serv	BOBJ1	67	176	After	Interior Girder 4	16	0.95	1	1	4.458508
SU6_serv	BOBJ1	67	176	After	Interior Girder 5	16	0.95	1	1	4.311436
SU6_serv	BOBJ1	67	176	After	Interior Girder 6	16	0.95	1	1	4.186557
SU6_serv	BOBJ1	67	176	After	Right Exterior Girder	16	0.95	1	1	6.429448
SU6_serv	BOBJ1	68	181	Before	Interior Girder 1	21	0.95	1	1	3.184008

TABLE: Bridge Super Rating AASHTORATE18 31 - SteelICompServ-Flx - Approach, Span 4-6										
Request	BridgeObj	BridgeCut	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	Unitless	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
SU6_serv	BOBJ1	68	181	Before	Interior Girder 2	21	0.95	1	1	3.01983
SU6_serv	BOBJ1	68	181	Before	Interior Girder 3	21	0.95	1	1	2.992315
SU6_serv	BOBJ1	68	181	Before	Interior Girder 4	21	0.95	1	1	3.003914
SU6_serv	BOBJ1	68	181	Before	Interior Girder 5	21	0.95	1	1	3.013523
SU6_serv	BOBJ1	68	181	Before	Interior Girder 6	21	0.95	1	1	3.19134
SU6_serv	BOBJ1	69	181	After	Interior Girder 1	21	0.95	1	1	5.115176
SU6_serv	BOBJ1	69	181	After	Interior Girder 2	21	0.95	1	1	4.79671
SU6_serv	BOBJ1	69	181	After	Interior Girder 3	21	0.95	1	1	4.849327
SU6_serv	BOBJ1	69	181	After	Interior Girder 4	21	0.95	1	1	4.867539
SU6_serv	BOBJ1	69	181	After	Interior Girder 5	21	0.95	1	1	4.787051
SU6_serv	BOBJ1	69	181	After	Interior Girder 6	21	0.95	1	1	5.126884
SU6_serv	BOBJ1	70	184	Before	Left Exterior Girder	24	0.95	1	1	4.328268
SU6_serv	BOBJ1	70	184	Before	Interior Girder 1	24	0.95	1	1	4.232218
SU6_serv	BOBJ1	70	184	Before	Interior Girder 2	24	0.95	1	1	4.048413
SU6_serv	BOBJ1	70	184	Before	Interior Girder 3	24	0.95	1	1	4.10071
SU6_serv	BOBJ1	70	184	Before	Interior Girder 4	24	0.95	1	1	4.114421
SU6_serv	BOBJ1	70	184	Before	Interior Girder 5	24	0.95	1	1	4.038598
SU6_serv	BOBJ1	70	184	Before	Interior Girder 6	24	0.95	1	1	4.241698
SU6_serv	BOBJ1	70	184	Before	Right Exterior Girder	24	0.95	1	1	4.332287
SU6_serv	BOBJ1	71	184	After	Left Exterior Girder	24	0.95	1	1	4.379817
SU6_serv	BOBJ1	71	184	After	Interior Girder 1	24	0.95	1	1	4.18537
SU6_serv	BOBJ1	71	184	After	Interior Girder 2	24	0.95	1	1	4.051266
SU6_serv	BOBJ1	71	184	After	Interior Girder 3	24	0.95	1	1	4.128924
SU6_serv	BOBJ1	71	184	After	Interior Girder 4	24	0.95	1	1	4.144041
SU6_serv	BOBJ1	71	184	After	Interior Girder 5	24	0.95	1	1	4.043133
SU6_serv	BOBJ1	71	184	After	Interior Girder 6	24	0.95	1	1	4.19419
SU6_serv	BOBJ1	71	184	After	Right Exterior Girder	24	0.95	1	1	4.383788
SU6_serv	BOBJ1	72	192	Before	Left Exterior Girder	32	0.95	1	1	3.198616
SU6_serv	BOBJ1	72	192	Before	Interior Girder 1	32	0.95	1	1	3.040312
SU6_serv	BOBJ1	72	192	Before	Interior Girder 2	32	0.95	1	1	3.050928
SU6_serv	BOBJ1	72	192	Before	Interior Girder 3	32	0.95	1	1	3.135529
SU6_serv	BOBJ1	72	192	Before	Interior Girder 4	32	0.95	1	1	3.135323
SU6_serv	BOBJ1	72	192	Before	Interior Girder 5	32	0.95	1	1	3.048857
SU6_serv	BOBJ1	72	192	Before	Interior Girder 6	32	0.95	1	1	3.040085
SU6_serv	BOBJ1	72	192	Before	Right Exterior Girder	32	0.95	1	1	3.202607
SU6_serv	BOBJ1	73	192	After	Left Exterior Girder	32	0.95	1	1	3.220385
SU6_serv	BOBJ1	73	192	After	Interior Girder 1	32	0.95	1	1	3.003343
SU6_serv	BOBJ1	73	192	After	Interior Girder 2	32	0.95	1	1	3.041654
SU6_serv	BOBJ1	73	192	After	Interior Girder 3	32	0.95	1	1	3.134244
SU6_serv	BOBJ1	73	192	After	Interior Girder 4	32	0.95	1	1	3.134228
SU6_serv	BOBJ1	73	192	After	Interior Girder 5	32	0.95	1	1	3.040305
SU6_serv	BOBJ1	73	192	After	Interior Girder 6	32	0.95	1	1	3.003225
SU6_serv	BOBJ1	73	192	After	Right Exterior Girder	32	0.95	1	1	3.224288
SU6_serv	BOBJ1	74	200	Before	Left Exterior Girder	40	0.95	1	1	2.757864
SU6_serv	BOBJ1	74	200	Before	Interior Girder 1	40	0.95	1	1	2.437094
SU6_serv	BOBJ1	74	200	Before	Interior Girder 2	40	0.95	1	1	2.478709
SU6_serv	BOBJ1	74	200	Before	Interior Girder 3	40	0.95	1	1	2.593498
SU6_serv	BOBJ1	74	200	Before	Interior Girder 4	40	0.95	1	1	2.599904
SU6_serv	BOBJ1	74	200	Before	Interior Girder 5	40	0.95	1	1	2.474043
SU6_serv	BOBJ1	74	200	Before	Interior Girder 6	40	0.95	1	1	2.441253
SU6_serv	BOBJ1	74	200	Before	Right Exterior Girder	40	0.95	1	1	2.760256
SU6_serv	BOBJ1	75	200	After	Left Exterior Girder	40	0.95	1	1	2.776594
SU6_serv	BOBJ1	75	200	After	Interior Girder 1	40	0.95	1	1	2.423428
SU6_serv	BOBJ1	75	200	After	Interior Girder 2	40	0.95	1	1	2.476044
SU6_serv	BOBJ1	75	200	After	Interior Girder 3	40	0.95	1	1	2.589737
SU6_serv	BOBJ1	75	200	After	Interior Girder 4	40	0.95	1	1	2.595241
SU6_serv	BOBJ1	75	200	After	Interior Girder 5	40	0.95	1	1	2.471479
SU6_serv	BOBJ1	75	200	After	Interior Girder 6	40	0.95	1	1	2.427321
SU6_serv	BOBJ1	75	200	After	Right Exterior Girder	40	0.95	1	1	2.778944
SU6_serv	BOBJ1	76	208	Before	Left Exterior Girder	48	0.95	1	1	2.568915
SU6_serv	BOBJ1	76	208	Before	Interior Girder 1	48	0.95	1	1	2.363436
SU6_serv	BOBJ1	76	208	Before	Interior Girder 2	48	0.95	1	1	2.443911
SU6_serv	BOBJ1	76	208	Before	Interior Girder 3	48	0.95	1	1	2.539422
SU6_serv	BOBJ1	76	208	Before	Interior Girder 4	48	0.95	1	1	2.539174
SU6_serv	BOBJ1	76	208	Before	Interior Girder 5	48	0.95	1	1	2.44241
SU6_serv	BOBJ1	76	208	Before	Interior Girder 6	48	0.95	1	1	2.363351
SU6_serv	BOBJ1	76	208	Before	Right Exterior Girder	48	0.95	1	1	2.572042
SU6_serv	BOBJ1	77	208	After	Left Exterior Girder	48	0.95	1	1	2.557478
SU6_serv	BOBJ1	77	208	After	Interior Girder 1	48	0.95	1	1	2.364898
SU6_serv	BOBJ1	77	208	After	Interior Girder 2	48	0.95	1	1	2.446122
SU6_serv	BOBJ1	77	208	After	Interior Girder 3	48	0.95	1	1	2.537384
SU6_serv	BOBJ1	77	208	After	Interior Girder 4	48	0.95	1	1	2.53695
SU6_serv	BOBJ1	77	208	After	Interior Girder 5	48	0.95	1	1	2.44443

TABLE: Bridge Super Rating AASHTORATE18 31 - SteelICompServ-Flx - Approach, Span 4-6										
Request	BridgeObj	BridgeCut	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	Unitless	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
SU6_serv	BOBJ1	77	208	After	Interior Girder 6	48	0.95	1	1	2.364776
SU6_serv	BOBJ1	77	208	After	Right Exterior Girder	48	0.95	1	1	2.560666
SU6_serv	BOBJ1	78	216	Before	Left Exterior Girder	56	0.95	1	1	2.989137
SU6_serv	BOBJ1	78	216	Before	Interior Girder 1	56	0.95	1	1	2.577169
SU6_serv	BOBJ1	78	216	Before	Interior Girder 2	56	0.95	1	1	2.604718
SU6_serv	BOBJ1	78	216	Before	Interior Girder 3	56	0.95	1	1	2.699806
SU6_serv	BOBJ1	78	216	Before	Interior Girder 4	56	0.95	1	1	2.707994
SU6_serv	BOBJ1	78	216	Before	Interior Girder 5	56	0.95	1	1	2.599543
SU6_serv	BOBJ1	78	216	Before	Interior Girder 6	56	0.95	1	1	2.581633
SU6_serv	BOBJ1	78	216	Before	Right Exterior Girder	56	0.95	1	1	2.991621
SU6_serv	BOBJ1	79	216	After	Left Exterior Girder	56	0.95	1	1	2.950055
SU6_serv	BOBJ1	79	216	After	Interior Girder 1	56	0.95	1	1	2.591212
SU6_serv	BOBJ1	79	216	After	Interior Girder 2	56	0.95	1	1	2.607398
SU6_serv	BOBJ1	79	216	After	Interior Girder 3	56	0.95	1	1	2.677462
SU6_serv	BOBJ1	79	216	After	Interior Girder 4	56	0.95	1	1	2.684097
SU6_serv	BOBJ1	79	216	After	Interior Girder 5	56	0.95	1	1	2.602101
SU6_serv	BOBJ1	79	216	After	Interior Girder 6	56	0.95	1	1	2.595977
SU6_serv	BOBJ1	79	216	After	Right Exterior Girder	56	0.95	1	1	2.952684
SU6_serv	BOBJ1	80	224	Before	Left Exterior Girder	64	0.95	1	1	3.885132
SU6_serv	BOBJ1	80	224	Before	Interior Girder 1	64	0.95	1	1	3.554485
SU6_serv	BOBJ1	80	224	Before	Interior Girder 2	64	0.95	1	1	3.507882
SU6_serv	BOBJ1	80	224	Before	Interior Girder 3	64	0.95	1	1	3.612575
SU6_serv	BOBJ1	80	224	Before	Interior Girder 4	64	0.95	1	1	3.612779
SU6_serv	BOBJ1	80	224	Before	Interior Girder 5	64	0.95	1	1	3.507124
SU6_serv	BOBJ1	80	224	Before	Interior Girder 6	64	0.95	1	1	3.553996
SU6_serv	BOBJ1	80	224	Before	Right Exterior Girder	64	0.95	1	1	3.889207
SU6_serv	BOBJ1	81	224	After	Left Exterior Girder	64	0.95	1	1	3.845577
SU6_serv	BOBJ1	81	224	After	Interior Girder 1	64	0.95	1	1	3.608778
SU6_serv	BOBJ1	81	224	After	Interior Girder 2	64	0.95	1	1	3.491267
SU6_serv	BOBJ1	81	224	After	Interior Girder 3	64	0.95	1	1	3.547953
SU6_serv	BOBJ1	81	224	After	Interior Girder 4	64	0.95	1	1	3.548472
SU6_serv	BOBJ1	81	224	After	Interior Girder 5	64	0.95	1	1	3.489305
SU6_serv	BOBJ1	81	224	After	Interior Girder 6	64	0.95	1	1	3.608566
SU6_serv	BOBJ1	81	224	After	Right Exterior Girder	64	0.95	1	1	3.850013
SU6_serv	BOBJ1	82	232	Before	Left Exterior Girder	72	0.95	1	1	7.167616
SU6_serv	BOBJ1	82	232	Before	Interior Girder 1	72	0.95	1	1	6.464254
SU6_serv	BOBJ1	82	232	Before	Interior Girder 2	72	0.95	1	1	6.054589
SU6_serv	BOBJ1	82	232	Before	Interior Girder 3	72	0.95	1	1	6.094552
SU6_serv	BOBJ1	82	232	Before	Interior Girder 4	72	0.95	1	1	6.128114
SU6_serv	BOBJ1	82	232	Before	Interior Girder 5	72	0.95	1	1	6.047323
SU6_serv	BOBJ1	82	232	Before	Interior Girder 6	72	0.95	1	1	6.484766
SU6_serv	BOBJ1	82	232	Before	Right Exterior Girder	72	0.95	1	1	7.175734
SU6_serv	BOBJ1	83	232	After	Left Exterior Girder	72	0.95	1	1	7.173617
SU6_serv	BOBJ1	83	232	After	Interior Girder 1	72	0.95	1	1	6.43127
SU6_serv	BOBJ1	83	232	After	Interior Girder 2	72	0.95	1	1	5.956392
SU6_serv	BOBJ1	83	232	After	Interior Girder 3	72	0.95	1	1	5.81348
SU6_serv	BOBJ1	83	232	After	Interior Girder 4	72	0.95	1	1	5.844971
SU6_serv	BOBJ1	83	232	After	Interior Girder 5	72	0.95	1	1	5.942436
SU6_serv	BOBJ1	83	232	After	Interior Girder 6	72	0.95	1	1	6.455358
SU6_serv	BOBJ1	83	232	After	Right Exterior Girder	72	0.95	1	1	7.181263
SU6_serv	BOBJ1	84	240	Before	Left Exterior Girder	80	0.95	1	1	57.092077
SU6_serv	BOBJ1	84	240	Before	Interior Girder 1	80	0.95	1	1	34.489525
SU6_serv	BOBJ1	84	240	Before	Interior Girder 2	80	0.95	1	1	28.919209
SU6_serv	BOBJ1	84	240	Before	Interior Girder 3	80	0.95	1	1	19.732722
SU6_serv	BOBJ1	84	240	Before	Interior Girder 4	80	0.95	1	1	20.063221
SU6_serv	BOBJ1	84	240	Before	Interior Girder 5	80	0.95	1	1	28.685592
SU6_serv	BOBJ1	84	240	Before	Interior Girder 6	80	0.95	1	1	34.497716
SU6_serv	BOBJ1	84	240	Before	Right Exterior Girder	80	0.95	1	1	57.048343
SU7_serv	BOBJ1	1	0	After	Left Exterior Girder	0	0.95	1	1	388.02929
SU7_serv	BOBJ1	1	0	After	Interior Girder 1	0	0.95	1	1	430.447848
SU7_serv	BOBJ1	1	0	After	Interior Girder 2	0	0.95	1	1	314.720382
SU7_serv	BOBJ1	1	0	After	Interior Girder 3	0	0.95	1	1	199.706416
SU7_serv	BOBJ1	1	0	After	Interior Girder 4	0	0.95	1	1	203.892098
SU7_serv	BOBJ1	1	0	After	Interior Girder 5	0	0.95	1	1	315.865593
SU7_serv	BOBJ1	1	0	After	Interior Girder 6	0	0.95	1	1	417.508953
SU7_serv	BOBJ1	1	0	After	Right Exterior Girder	0	0.95	1	1	388.029289
SU7_serv	BOBJ1	2	8	Before	Left Exterior Girder	8	0.95	1	1	6.54971
SU7_serv	BOBJ1	2	8	Before	Interior Girder 1	8	0.95	1	1	6.418753
SU7_serv	BOBJ1	2	8	Before	Interior Girder 2	8	0.95	1	1	5.970525
SU7_serv	BOBJ1	2	8	Before	Interior Girder 3	8	0.95	1	1	5.630231
SU7_serv	BOBJ1	2	8	Before	Interior Girder 4	8	0.95	1	1	5.661156
SU7_serv	BOBJ1	2	8	Before	Interior Girder 5	8	0.95	1	1	5.951406
SU7_serv	BOBJ1	2	8	Before	Interior Girder 6	8	0.95	1	1	6.440933

TABLE: Bridge Super Rating AASHTORATE18 31 - SteelICompServ-Flx - Approach, Span 4-6										
Request	BridgeObj	BridgeCut	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	Unitless	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
SU7_serv	BOBJ1	2	8	Before	Right Exterior Girder	8	0.95	1	1	6.557243
SU7_serv	BOBJ1	3	8	After	Left Exterior Girder	8	0.95	1	1	6.603141
SU7_serv	BOBJ1	3	8	After	Interior Girder 1	8	0.95	1	1	6.402794
SU7_serv	BOBJ1	3	8	After	Interior Girder 2	8	0.95	1	1	6.08903
SU7_serv	BOBJ1	3	8	After	Interior Girder 3	8	0.95	1	1	5.845758
SU7_serv	BOBJ1	3	8	After	Interior Girder 4	8	0.95	1	1	5.876318
SU7_serv	BOBJ1	3	8	After	Interior Girder 5	8	0.95	1	1	6.069406
SU7_serv	BOBJ1	3	8	After	Interior Girder 6	8	0.95	1	1	6.422463
SU7_serv	BOBJ1	3	8	After	Right Exterior Girder	8	0.95	1	1	6.609906
SU7_serv	BOBJ1	4	16	Before	Left Exterior Girder	16	0.95	1	1	3.478027
SU7_serv	BOBJ1	4	16	Before	Interior Girder 1	16	0.95	1	1	3.664541
SU7_serv	BOBJ1	4	16	Before	Interior Girder 2	16	0.95	1	1	3.48778
SU7_serv	BOBJ1	4	16	Before	Interior Girder 3	16	0.95	1	1	3.465455
SU7_serv	BOBJ1	4	16	Before	Interior Girder 4	16	0.95	1	1	3.465245
SU7_serv	BOBJ1	4	16	Before	Interior Girder 5	16	0.95	1	1	3.485027
SU7_serv	BOBJ1	4	16	Before	Interior Girder 6	16	0.95	1	1	3.664826
SU7_serv	BOBJ1	4	16	Before	Right Exterior Girder	16	0.95	1	1	3.481964
SU7_serv	BOBJ1	5	16	After	Left Exterior Girder	16	0.95	1	1	3.507248
SU7_serv	BOBJ1	5	16	After	Interior Girder 1	16	0.95	1	1	3.617795
SU7_serv	BOBJ1	5	16	After	Interior Girder 2	16	0.95	1	1	3.500767
SU7_serv	BOBJ1	5	16	After	Interior Girder 3	16	0.95	1	1	3.518258
SU7_serv	BOBJ1	5	16	After	Interior Girder 4	16	0.95	1	1	3.519026
SU7_serv	BOBJ1	5	16	After	Interior Girder 5	16	0.95	1	1	3.498768
SU7_serv	BOBJ1	5	16	After	Interior Girder 6	16	0.95	1	1	3.617947
SU7_serv	BOBJ1	5	16	After	Right Exterior Girder	16	0.95	1	1	3.51085
SU7_serv	BOBJ1	6	20.5	Before	Left Exterior Girder	20.5	0.95	1	1	2.935465
SU7_serv	BOBJ1	6	20.5	Before	Right Exterior Girder	20.5	0.95	1	1	2.938402
SU7_serv	BOBJ1	7	20.5	After	Left Exterior Girder	20.5	0.95	1	1	3.506358
SU7_serv	BOBJ1	7	20.5	After	Right Exterior Girder	20.5	0.95	1	1	3.509697
SU7_serv	BOBJ1	8	24	Before	Left Exterior Girder	24	0.95	1	1	3.212943
SU7_serv	BOBJ1	8	24	Before	Interior Girder 1	24	0.95	1	1	2.63719
SU7_serv	BOBJ1	8	24	Before	Interior Girder 2	24	0.95	1	1	2.616973
SU7_serv	BOBJ1	8	24	Before	Interior Girder 3	24	0.95	1	1	2.660071
SU7_serv	BOBJ1	8	24	Before	Interior Girder 4	24	0.95	1	1	2.666527
SU7_serv	BOBJ1	8	24	Before	Interior Girder 5	24	0.95	1	1	2.61175
SU7_serv	BOBJ1	8	24	Before	Interior Girder 6	24	0.95	1	1	2.641796
SU7_serv	BOBJ1	8	24	Before	Right Exterior Girder	24	0.95	1	1	3.216126
SU7_serv	BOBJ1	9	24	After	Left Exterior Girder	24	0.95	1	1	3.19896
SU7_serv	BOBJ1	9	24	After	Interior Girder 1	24	0.95	1	1	2.653819
SU7_serv	BOBJ1	9	24	After	Interior Girder 2	24	0.95	1	1	2.61865
SU7_serv	BOBJ1	9	24	After	Interior Girder 3	24	0.95	1	1	2.682722
SU7_serv	BOBJ1	9	24	After	Interior Girder 4	24	0.95	1	1	2.690273
SU7_serv	BOBJ1	9	24	After	Interior Girder 5	24	0.95	1	1	2.613593
SU7_serv	BOBJ1	9	24	After	Interior Girder 6	24	0.95	1	1	2.65833
SU7_serv	BOBJ1	9	24	After	Right Exterior Girder	24	0.95	1	1	3.201996
SU7_serv	BOBJ1	10	32	Before	Left Exterior Girder	32	0.95	1	1	2.796472
SU7_serv	BOBJ1	10	32	Before	Interior Girder 1	32	0.95	1	1	2.50174
SU7_serv	BOBJ1	10	32	Before	Interior Girder 2	32	0.95	1	1	2.486375
SU7_serv	BOBJ1	10	32	Before	Interior Girder 3	32	0.95	1	1	2.545
SU7_serv	BOBJ1	10	32	Before	Interior Girder 4	32	0.95	1	1	2.544349
SU7_serv	BOBJ1	10	32	Before	Interior Girder 5	32	0.95	1	1	2.485175
SU7_serv	BOBJ1	10	32	Before	Interior Girder 6	32	0.95	1	1	2.501552
SU7_serv	BOBJ1	10	32	Before	Right Exterior Girder	32	0.95	1	1	2.79997
SU7_serv	BOBJ1	11	32	After	Left Exterior Girder	32	0.95	1	1	2.80313
SU7_serv	BOBJ1	11	32	After	Interior Girder 1	32	0.95	1	1	2.499645
SU7_serv	BOBJ1	11	32	After	Interior Girder 2	32	0.95	1	1	2.479038
SU7_serv	BOBJ1	11	32	After	Interior Girder 3	32	0.95	1	1	2.541466
SU7_serv	BOBJ1	11	32	After	Interior Girder 4	32	0.95	1	1	2.540973
SU7_serv	BOBJ1	11	32	After	Interior Girder 5	32	0.95	1	1	2.477777
SU7_serv	BOBJ1	11	32	After	Interior Girder 6	32	0.95	1	1	2.499531
SU7_serv	BOBJ1	11	32	After	Right Exterior Girder	32	0.95	1	1	2.806598
SU7_serv	BOBJ1	12	40	Before	Left Exterior Girder	40	0.95	1	1	2.968691
SU7_serv	BOBJ1	12	40	Before	Interior Girder 1	40	0.95	1	1	2.518721
SU7_serv	BOBJ1	12	40	Before	Interior Girder 2	40	0.95	1	1	2.513088
SU7_serv	BOBJ1	12	40	Before	Interior Girder 3	40	0.95	1	1	2.600839
SU7_serv	BOBJ1	12	40	Before	Interior Girder 4	40	0.95	1	1	2.605908
SU7_serv	BOBJ1	12	40	Before	Interior Girder 5	40	0.95	1	1	2.509012
SU7_serv	BOBJ1	12	40	Before	Interior Girder 6	40	0.95	1	1	2.522108
SU7_serv	BOBJ1	12	40	Before	Right Exterior Girder	40	0.95	1	1	2.971378
SU7_serv	BOBJ1	13	40	After	Left Exterior Girder	40	0.95	1	1	2.97845
SU7_serv	BOBJ1	13	40	After	Interior Girder 1	40	0.95	1	1	2.530666
SU7_serv	BOBJ1	13	40	After	Interior Girder 2	40	0.95	1	1	2.51335
SU7_serv	BOBJ1	13	40	After	Interior Girder 3	40	0.95	1	1	2.602552

TABLE: Bridge Super Rating AASHTORATE18 31 - SteelICompServ-Flx - Approach, Span 4-6										
Request	BridgeObj	BridgeCut	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	Unitless	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
SU7_serv	BOBJ1	13	40	After	Interior Girder 4	40	0.95	1	1	2.60772
SU7_serv	BOBJ1	13	40	After	Interior Girder 5	40	0.95	1	1	2.509008
SU7_serv	BOBJ1	13	40	After	Interior Girder 6	40	0.95	1	1	2.534041
SU7_serv	BOBJ1	13	40	After	Right Exterior Girder	40	0.95	1	1	2.981118
SU7_serv	BOBJ1	14	46.5	Before	Left Exterior Girder	46.5	0.95	1	1	3.209255
SU7_serv	BOBJ1	14	46.5	Before	Right Exterior Girder	46.5	0.95	1	1	3.212503
SU7_serv	BOBJ1	15	46.5	After	Left Exterior Girder	46.5	0.95	1	1	2.7657
SU7_serv	BOBJ1	15	46.5	After	Right Exterior Girder	46.5	0.95	1	1	2.76859
SU7_serv	BOBJ1	16	48	Before	Left Exterior Girder	48	0.95	1	1	2.851299
SU7_serv	BOBJ1	16	48	Before	Interior Girder 1	48	0.95	1	1	3.068619
SU7_serv	BOBJ1	16	48	Before	Interior Girder 2	48	0.95	1	1	3.078896
SU7_serv	BOBJ1	16	48	Before	Interior Girder 3	48	0.95	1	1	3.139902
SU7_serv	BOBJ1	16	48	Before	Interior Girder 4	48	0.95	1	1	3.140284
SU7_serv	BOBJ1	16	48	Before	Interior Girder 5	48	0.95	1	1	3.078056
SU7_serv	BOBJ1	16	48	Before	Interior Girder 6	48	0.95	1	1	3.068264
SU7_serv	BOBJ1	16	48	Before	Right Exterior Girder	48	0.95	1	1	2.854917
SU7_serv	BOBJ1	17	48	After	Left Exterior Girder	48	0.95	1	1	2.841403
SU7_serv	BOBJ1	17	48	After	Interior Girder 1	48	0.95	1	1	3.098228
SU7_serv	BOBJ1	17	48	After	Interior Girder 2	48	0.95	1	1	3.077179
SU7_serv	BOBJ1	17	48	After	Interior Girder 3	48	0.95	1	1	3.130354
SU7_serv	BOBJ1	17	48	After	Interior Girder 4	48	0.95	1	1	3.130631
SU7_serv	BOBJ1	17	48	After	Interior Girder 5	48	0.95	1	1	3.075537
SU7_serv	BOBJ1	17	48	After	Interior Girder 6	48	0.95	1	1	3.097943
SU7_serv	BOBJ1	17	48	After	Right Exterior Girder	48	0.95	1	1	2.845102
SU7_serv	BOBJ1	18	56	Before	Left Exterior Girder	56	0.95	1	1	3.889916
SU7_serv	BOBJ1	18	56	Before	Interior Girder 1	56	0.95	1	1	4.162502
SU7_serv	BOBJ1	18	56	Before	Interior Girder 2	56	0.95	1	1	4.042839
SU7_serv	BOBJ1	18	56	Before	Interior Girder 3	56	0.95	1	1	4.12365
SU7_serv	BOBJ1	18	56	Before	Interior Girder 4	56	0.95	1	1	4.14086
SU7_serv	BOBJ1	18	56	Before	Interior Girder 5	56	0.95	1	1	4.036246
SU7_serv	BOBJ1	18	56	Before	Interior Girder 6	56	0.95	1	1	4.17096
SU7_serv	BOBJ1	18	56	Before	Right Exterior Girder	56	0.95	1	1	3.893048
SU7_serv	BOBJ1	19	56	After	Left Exterior Girder	56	0.95	1	1	3.850384
SU7_serv	BOBJ1	19	56	After	Interior Girder 1	56	0.95	1	1	4.222579
SU7_serv	BOBJ1	19	56	After	Interior Girder 2	56	0.95	1	1	4.027112
SU7_serv	BOBJ1	19	56	After	Interior Girder 3	56	0.95	1	1	4.070709
SU7_serv	BOBJ1	19	56	After	Interior Girder 4	56	0.95	1	1	4.084311
SU7_serv	BOBJ1	19	56	After	Interior Girder 5	56	0.95	1	1	4.01849
SU7_serv	BOBJ1	19	56	After	Interior Girder 6	56	0.95	1	1	4.231671
SU7_serv	BOBJ1	19	56	After	Right Exterior Girder	56	0.95	1	1	3.853857
SU7_serv	BOBJ1	20	59	Before	Interior Girder 1	59	0.95	1	1	5.055162
SU7_serv	BOBJ1	20	59	Before	Interior Girder 2	59	0.95	1	1	4.76687
SU7_serv	BOBJ1	20	59	Before	Interior Girder 3	59	0.95	1	1	4.832113
SU7_serv	BOBJ1	20	59	Before	Interior Girder 4	59	0.95	1	1	4.847695
SU7_serv	BOBJ1	20	59	Before	Interior Girder 5	59	0.95	1	1	4.757123
SU7_serv	BOBJ1	20	59	Before	Interior Girder 6	59	0.95	1	1	5.066154
SU7_serv	BOBJ1	21	59	After	Interior Girder 1	59	0.95	1	1	2.901716
SU7_serv	BOBJ1	21	59	After	Interior Girder 2	59	0.95	1	1	2.759824
SU7_serv	BOBJ1	21	59	After	Interior Girder 3	59	0.95	1	1	2.72999
SU7_serv	BOBJ1	21	59	After	Interior Girder 4	59	0.95	1	1	2.739309
SU7_serv	BOBJ1	21	59	After	Interior Girder 5	59	0.95	1	1	2.754144
SU7_serv	BOBJ1	21	59	After	Interior Girder 6	59	0.95	1	1	2.908001
SU7_serv	BOBJ1	22	64	Before	Left Exterior Girder	64	0.95	1	1	5.84988
SU7_serv	BOBJ1	22	64	Before	Interior Girder 1	64	0.95	1	1	3.675915
SU7_serv	BOBJ1	22	64	Before	Interior Girder 2	64	0.95	1	1	3.764152
SU7_serv	BOBJ1	22	64	Before	Interior Girder 3	64	0.95	1	1	3.884085
SU7_serv	BOBJ1	22	64	Before	Interior Girder 4	64	0.95	1	1	3.882296
SU7_serv	BOBJ1	22	64	Before	Interior Girder 5	64	0.95	1	1	3.761434
SU7_serv	BOBJ1	22	64	Before	Interior Girder 6	64	0.95	1	1	3.676287
SU7_serv	BOBJ1	22	64	Before	Right Exterior Girder	64	0.95	1	1	5.855016
SU7_serv	BOBJ1	23	64	After	Left Exterior Girder	64	0.95	1	1	5.885276
SU7_serv	BOBJ1	23	64	After	Interior Girder 1	64	0.95	1	1	3.650536
SU7_serv	BOBJ1	23	64	After	Interior Girder 2	64	0.95	1	1	3.743652
SU7_serv	BOBJ1	23	64	After	Interior Girder 3	64	0.95	1	1	3.883163
SU7_serv	BOBJ1	23	64	After	Interior Girder 4	64	0.95	1	1	3.88121
SU7_serv	BOBJ1	23	64	After	Interior Girder 5	64	0.95	1	1	3.741079
SU7_serv	BOBJ1	23	64	After	Interior Girder 6	64	0.95	1	1	3.650868
SU7_serv	BOBJ1	23	64	After	Right Exterior Girder	64	0.95	1	1	5.890394
SU7_serv	BOBJ1	24	69	Before	Interior Girder 1	69	0.95	1	1	2.81875
SU7_serv	BOBJ1	24	69	Before	Interior Girder 2	69	0.95	1	1	2.872719
SU7_serv	BOBJ1	24	69	Before	Interior Girder 3	69	0.95	1	1	2.817191
SU7_serv	BOBJ1	24	69	Before	Interior Girder 4	69	0.95	1	1	2.815753
SU7_serv	BOBJ1	24	69	Before	Interior Girder 5	69	0.95	1	1	2.869908

TABLE: Bridge Super Rating AASHTORATE18 31 - SteelICompServ-Flx - Approach, Span 4-6										
Request	BridgeObj	BridgeCut	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	Unitless	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
SU7_serv	BOBJ1	24	69	Before	Interior Girder 6	69	0.95	1	1	2.819393
SU7_serv	BOBJ1	25	69	After	Interior Girder 1	69	0.95	1	1	5.929925
SU7_serv	BOBJ1	25	69	After	Interior Girder 2	69	0.95	1	1	5.979153
SU7_serv	BOBJ1	25	69	After	Interior Girder 3	69	0.95	1	1	5.915627
SU7_serv	BOBJ1	25	69	After	Interior Girder 4	69	0.95	1	1	5.912413
SU7_serv	BOBJ1	25	69	After	Interior Girder 5	69	0.95	1	1	5.973622
SU7_serv	BOBJ1	25	69	After	Interior Girder 6	69	0.95	1	1	5.931056
SU7_serv	BOBJ1	26	72	Before	Left Exterior Girder	72	0.95	1	1	4.33278
SU7_serv	BOBJ1	26	72	Before	Interior Girder 1	72	0.95	1	1	5.314833
SU7_serv	BOBJ1	26	72	Before	Interior Girder 2	72	0.95	1	1	5.324521
SU7_serv	BOBJ1	26	72	Before	Interior Girder 3	72	0.95	1	1	5.128738
SU7_serv	BOBJ1	26	72	Before	Interior Girder 4	72	0.95	1	1	5.125938
SU7_serv	BOBJ1	26	72	Before	Interior Girder 5	72	0.95	1	1	5.31873
SU7_serv	BOBJ1	26	72	Before	Interior Girder 6	72	0.95	1	1	5.316314
SU7_serv	BOBJ1	26	72	Before	Right Exterior Girder	72	0.95	1	1	4.337544
SU7_serv	BOBJ1	27	72	After	Left Exterior Girder	72	0.95	1	1	4.352122
SU7_serv	BOBJ1	27	72	After	Interior Girder 1	72	0.95	1	1	5.253612
SU7_serv	BOBJ1	27	72	After	Interior Girder 2	72	0.95	1	1	5.26556
SU7_serv	BOBJ1	27	72	After	Interior Girder 3	72	0.95	1	1	5.091348
SU7_serv	BOBJ1	27	72	After	Interior Girder 4	72	0.95	1	1	5.088167
SU7_serv	BOBJ1	27	72	After	Interior Girder 5	72	0.95	1	1	5.25965
SU7_serv	BOBJ1	27	72	After	Interior Girder 6	72	0.95	1	1	5.255227
SU7_serv	BOBJ1	27	72	After	Right Exterior Girder	72	0.95	1	1	4.357042
SU7_serv	BOBJ1	28	72.5	Before	Left Exterior Girder	72.5	0.95	1	1	4.226127
SU7_serv	BOBJ1	28	72.5	Before	Right Exterior Girder	72.5	0.95	1	1	4.231003
SU7_serv	BOBJ1	29	72.5	After	Left Exterior Girder	72.5	0.95	1	1	6.281263
SU7_serv	BOBJ1	29	72.5	After	Right Exterior Girder	72.5	0.95	1	1	6.288638
SU7_serv	BOBJ1	30	80	Before	Left Exterior Girder	80	0.95	1	1	4.613428
SU7_serv	BOBJ1	30	80	Before	Interior Girder 1	80	0.95	1	1	3.708661
SU7_serv	BOBJ1	30	80	Before	Interior Girder 2	80	0.95	1	1	3.489915
SU7_serv	BOBJ1	30	80	Before	Interior Girder 3	80	0.95	1	1	2.953155
SU7_serv	BOBJ1	30	80	Before	Interior Girder 4	80	0.95	1	1	2.958333
SU7_serv	BOBJ1	30	80	Before	Interior Girder 5	80	0.95	1	1	3.481303
SU7_serv	BOBJ1	30	80	Before	Interior Girder 6	80	0.95	1	1	3.710573
SU7_serv	BOBJ1	30	80	Before	Right Exterior Girder	80	0.95	1	1	4.619305
SU7_serv	BOBJ1	31	80	After	Left Exterior Girder	0	0.95	1	1	4.450902
SU7_serv	BOBJ1	31	80	After	Interior Girder 1	0	0.95	1	1	3.602968
SU7_serv	BOBJ1	31	80	After	Interior Girder 2	0	0.95	1	1	3.450633
SU7_serv	BOBJ1	31	80	After	Interior Girder 3	0	0.95	1	1	2.93358
SU7_serv	BOBJ1	31	80	After	Interior Girder 4	0	0.95	1	1	2.939147
SU7_serv	BOBJ1	31	80	After	Interior Girder 5	0	0.95	1	1	3.442385
SU7_serv	BOBJ1	31	80	After	Interior Girder 6	0	0.95	1	1	3.607009
SU7_serv	BOBJ1	31	80	After	Right Exterior Girder	0	0.95	1	1	4.457317
SU7_serv	BOBJ1	32	87.5	Before	Left Exterior Girder	7.5	0.95	1	1	6.725176
SU7_serv	BOBJ1	32	87.5	Before	Right Exterior Girder	7.5	0.95	1	1	6.732554
SU7_serv	BOBJ1	33	87.5	After	Left Exterior Girder	7.5	0.95	1	1	4.471641
SU7_serv	BOBJ1	33	87.5	After	Right Exterior Girder	7.5	0.95	1	1	4.476405
SU7_serv	BOBJ1	34	88	Before	Left Exterior Girder	8	0.95	1	1	4.584903
SU7_serv	BOBJ1	34	88	Before	Interior Girder 1	8	0.95	1	1	5.234304
SU7_serv	BOBJ1	34	88	Before	Interior Girder 2	8	0.95	1	1	5.201749
SU7_serv	BOBJ1	34	88	Before	Interior Girder 3	8	0.95	1	1	4.95542
SU7_serv	BOBJ1	34	88	Before	Interior Girder 4	8	0.95	1	1	4.952286
SU7_serv	BOBJ1	34	88	Before	Interior Girder 5	8	0.95	1	1	5.195861
SU7_serv	BOBJ1	34	88	Before	Interior Girder 6	8	0.95	1	1	5.23567
SU7_serv	BOBJ1	34	88	Before	Right Exterior Girder	8	0.95	1	1	4.589878
SU7_serv	BOBJ1	35	88	After	Left Exterior Girder	8	0.95	1	1	4.614122
SU7_serv	BOBJ1	35	88	After	Interior Girder 1	8	0.95	1	1	5.245948
SU7_serv	BOBJ1	35	88	After	Interior Girder 2	8	0.95	1	1	5.259461
SU7_serv	BOBJ1	35	88	After	Interior Girder 3	8	0.95	1	1	4.992255
SU7_serv	BOBJ1	35	88	After	Interior Girder 4	8	0.95	1	1	4.989548
SU7_serv	BOBJ1	35	88	After	Interior Girder 5	8	0.95	1	1	5.253754
SU7_serv	BOBJ1	35	88	After	Interior Girder 6	8	0.95	1	1	5.247192
SU7_serv	BOBJ1	35	88	After	Right Exterior Girder	8	0.95	1	1	4.618996
SU7_serv	BOBJ1	36	91	Before	Interior Girder 1	11	0.95	1	1	5.784797
SU7_serv	BOBJ1	36	91	Before	Interior Girder 2	11	0.95	1	1	5.889836
SU7_serv	BOBJ1	36	91	Before	Interior Girder 3	11	0.95	1	1	5.762246
SU7_serv	BOBJ1	36	91	Before	Interior Girder 4	11	0.95	1	1	5.759069
SU7_serv	BOBJ1	36	91	Before	Interior Girder 5	11	0.95	1	1	5.88437
SU7_serv	BOBJ1	36	91	Before	Interior Girder 6	11	0.95	1	1	5.785742
SU7_serv	BOBJ1	37	91	After	Interior Girder 1	11	0.95	1	1	2.557808
SU7_serv	BOBJ1	37	91	After	Interior Girder 2	11	0.95	1	1	2.640116
SU7_serv	BOBJ1	37	91	After	Interior Girder 3	11	0.95	1	1	2.562003
SU7_serv	BOBJ1	37	91	After	Interior Girder 4	11	0.95	1	1	2.5607

TABLE: Bridge Super Rating AASHTORATE18 31 - SteelICompServ-Flx - Approach, Span 4-6										
Request	BridgeObj	BridgeCut	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	Unitless	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
SU7_serv	BOBJ1	37	91	After	Interior Girder 5	11	0.95	1	1	2.637568
SU7_serv	BOBJ1	37	91	After	Interior Girder 6	11	0.95	1	1	2.558299
SU7_serv	BOBJ1	38	96	Before	Left Exterior Girder	16	0.95	1	1	6.427132
SU7_serv	BOBJ1	38	96	Before	Interior Girder 1	16	0.95	1	1	3.245229
SU7_serv	BOBJ1	38	96	Before	Interior Girder 2	16	0.95	1	1	3.406693
SU7_serv	BOBJ1	38	96	Before	Interior Girder 3	16	0.95	1	1	3.537197
SU7_serv	BOBJ1	38	96	Before	Interior Girder 4	16	0.95	1	1	3.535482
SU7_serv	BOBJ1	38	96	Before	Interior Girder 5	16	0.95	1	1	3.404452
SU7_serv	BOBJ1	38	96	Before	Interior Girder 6	16	0.95	1	1	3.24547
SU7_serv	BOBJ1	38	96	Before	Right Exterior Girder	16	0.95	1	1	6.432514
SU7_serv	BOBJ1	39	96	After	Left Exterior Girder	16	0.95	1	1	3.038454
SU7_serv	BOBJ1	39	96	After	Interior Girder 1	16	0.95	1	1	3.282488
SU7_serv	BOBJ1	39	96	After	Interior Girder 2	16	0.95	1	1	3.415061
SU7_serv	BOBJ1	39	96	After	Interior Girder 3	16	0.95	1	1	3.521428
SU7_serv	BOBJ1	39	96	After	Interior Girder 4	16	0.95	1	1	3.519862
SU7_serv	BOBJ1	39	96	After	Interior Girder 5	16	0.95	1	1	3.412619
SU7_serv	BOBJ1	39	96	After	Interior Girder 6	16	0.95	1	1	3.28281
SU7_serv	BOBJ1	39	96	After	Right Exterior Girder	16	0.95	1	1	3.041099
SU7_serv	BOBJ1	40	104	Before	Left Exterior Girder	24	0.95	1	1	4.039129
SU7_serv	BOBJ1	40	104	Before	Interior Girder 1	24	0.95	1	1	3.480519
SU7_serv	BOBJ1	40	104	Before	Interior Girder 2	24	0.95	1	1	3.314961
SU7_serv	BOBJ1	40	104	Before	Interior Girder 3	24	0.95	1	1	3.296159
SU7_serv	BOBJ1	40	104	Before	Interior Girder 4	24	0.95	1	1	3.310581
SU7_serv	BOBJ1	40	104	Before	Interior Girder 5	24	0.95	1	1	3.308365
SU7_serv	BOBJ1	40	104	Before	Interior Girder 6	24	0.95	1	1	3.489147
SU7_serv	BOBJ1	40	104	Before	Right Exterior Girder	24	0.95	1	1	4.043053
SU7_serv	BOBJ1	41	104	After	Left Exterior Girder	24	0.95	1	1	4.140831
SU7_serv	BOBJ1	41	104	After	Interior Girder 1	24	0.95	1	1	3.424665
SU7_serv	BOBJ1	41	104	After	Interior Girder 2	24	0.95	1	1	3.312694
SU7_serv	BOBJ1	41	104	After	Interior Girder 3	24	0.95	1	1	3.338121
SU7_serv	BOBJ1	41	104	After	Interior Girder 4	24	0.95	1	1	3.351076
SU7_serv	BOBJ1	41	104	After	Interior Girder 5	24	0.95	1	1	3.305935
SU7_serv	BOBJ1	41	104	After	Interior Girder 6	24	0.95	1	1	3.43269
SU7_serv	BOBJ1	41	104	After	Right Exterior Girder	24	0.95	1	1	4.14456
SU7_serv	BOBJ1	42	112	Before	Left Exterior Girder	32	0.95	1	1	2.707155
SU7_serv	BOBJ1	42	112	Before	Interior Girder 1	32	0.95	1	1	2.72403
SU7_serv	BOBJ1	42	112	Before	Interior Girder 2	32	0.95	1	1	2.696986
SU7_serv	BOBJ1	42	112	Before	Interior Girder 3	32	0.95	1	1	2.744457
SU7_serv	BOBJ1	42	112	Before	Interior Girder 4	32	0.95	1	1	2.741965
SU7_serv	BOBJ1	42	112	Before	Interior Girder 5	32	0.95	1	1	2.696888
SU7_serv	BOBJ1	42	112	Before	Interior Girder 6	32	0.95	1	1	2.72349
SU7_serv	BOBJ1	42	112	Before	Right Exterior Girder	32	0.95	1	1	2.711002
SU7_serv	BOBJ1	43	112	After	Left Exterior Girder	32	0.95	1	1	2.744939
SU7_serv	BOBJ1	43	112	After	Interior Girder 1	32	0.95	1	1	2.696686
SU7_serv	BOBJ1	43	112	After	Interior Girder 2	32	0.95	1	1	2.688623
SU7_serv	BOBJ1	43	112	After	Interior Girder 3	32	0.95	1	1	2.746372
SU7_serv	BOBJ1	43	112	After	Interior Girder 4	32	0.95	1	1	2.744074
SU7_serv	BOBJ1	43	112	After	Interior Girder 5	32	0.95	1	1	2.688296
SU7_serv	BOBJ1	43	112	After	Interior Girder 6	32	0.95	1	1	2.696242
SU7_serv	BOBJ1	43	112	After	Right Exterior Girder	32	0.95	1	1	2.748743
SU7_serv	BOBJ1	44	120	Before	Left Exterior Girder	40	0.95	1	1	2.551098
SU7_serv	BOBJ1	44	120	Before	Interior Girder 1	40	0.95	1	1	2.377365
SU7_serv	BOBJ1	44	120	Before	Interior Girder 2	40	0.95	1	1	2.368739
SU7_serv	BOBJ1	44	120	Before	Interior Girder 3	40	0.95	1	1	2.425389
SU7_serv	BOBJ1	44	120	Before	Interior Girder 4	40	0.95	1	1	2.433212
SU7_serv	BOBJ1	44	120	Before	Interior Girder 5	40	0.95	1	1	2.364667
SU7_serv	BOBJ1	44	120	Before	Interior Girder 6	40	0.95	1	1	2.381817
SU7_serv	BOBJ1	44	120	Before	Right Exterior Girder	40	0.95	1	1	2.553421
SU7_serv	BOBJ1	45	120	After	Left Exterior Girder	40	0.95	1	1	2.553742
SU7_serv	BOBJ1	45	120	After	Interior Girder 1	40	0.95	1	1	2.375035
SU7_serv	BOBJ1	45	120	After	Interior Girder 2	40	0.95	1	1	2.368251
SU7_serv	BOBJ1	45	120	After	Interior Girder 3	40	0.95	1	1	2.42594
SU7_serv	BOBJ1	45	120	After	Interior Girder 4	40	0.95	1	1	2.433688
SU7_serv	BOBJ1	45	120	After	Interior Girder 5	40	0.95	1	1	2.364181
SU7_serv	BOBJ1	45	120	After	Interior Girder 6	40	0.95	1	1	2.379481
SU7_serv	BOBJ1	45	120	After	Right Exterior Girder	40	0.95	1	1	2.556065
SU7_serv	BOBJ1	46	128	Before	Left Exterior Girder	48	0.95	1	1	2.699083
SU7_serv	BOBJ1	46	128	Before	Interior Girder 1	48	0.95	1	1	2.676025
SU7_serv	BOBJ1	46	128	Before	Interior Girder 2	48	0.95	1	1	2.671221
SU7_serv	BOBJ1	46	128	Before	Interior Girder 3	48	0.95	1	1	2.730785
SU7_serv	BOBJ1	46	128	Before	Interior Girder 4	48	0.95	1	1	2.728413
SU7_serv	BOBJ1	46	128	Before	Interior Girder 5	48	0.95	1	1	2.670926
SU7_serv	BOBJ1	46	128	Before	Interior Girder 6	48	0.95	1	1	2.675569

TABLE: Bridge Super Rating AASHTORATE18 31 - SteelICompServ-Flx - Approach, Span 4-6										
Request	BridgeObj	BridgeCut	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	Unitless	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
SU7_serv	BOBJ1	46	128	Before	Right Exterior Girder	48	0.95	1	1	2.702811
SU7_serv	BOBJ1	47	128	After	Left Exterior Girder	48	0.95	1	1	2.667802
SU7_serv	BOBJ1	47	128	After	Interior Girder 1	48	0.95	1	1	2.697434
SU7_serv	BOBJ1	47	128	After	Interior Girder 2	48	0.95	1	1	2.679372
SU7_serv	BOBJ1	47	128	After	Interior Girder 3	48	0.95	1	1	2.729679
SU7_serv	BOBJ1	47	128	After	Interior Girder 4	48	0.95	1	1	2.727104
SU7_serv	BOBJ1	47	128	After	Interior Girder 5	48	0.95	1	1	2.679282
SU7_serv	BOBJ1	47	128	After	Interior Girder 6	48	0.95	1	1	2.696893
SU7_serv	BOBJ1	47	128	After	Right Exterior Girder	48	0.95	1	1	2.671575
SU7_serv	BOBJ1	48	136	Before	Left Exterior Girder	56	0.95	1	1	3.991898
SU7_serv	BOBJ1	48	136	Before	Interior Girder 1	56	0.95	1	1	3.367812
SU7_serv	BOBJ1	48	136	Before	Interior Girder 2	56	0.95	1	1	3.269435
SU7_serv	BOBJ1	48	136	Before	Interior Girder 3	56	0.95	1	1	3.299378
SU7_serv	BOBJ1	48	136	Before	Interior Girder 4	56	0.95	1	1	3.312038
SU7_serv	BOBJ1	48	136	Before	Interior Girder 5	56	0.95	1	1	3.262827
SU7_serv	BOBJ1	48	136	Before	Interior Girder 6	56	0.95	1	1	3.37568
SU7_serv	BOBJ1	48	136	Before	Right Exterior Girder	56	0.95	1	1	3.995502
SU7_serv	BOBJ1	49	136	After	Left Exterior Girder	56	0.95	1	1	3.900895
SU7_serv	BOBJ1	49	136	After	Interior Girder 1	56	0.95	1	1	3.417351
SU7_serv	BOBJ1	49	136	After	Interior Girder 2	56	0.95	1	1	3.272026
SU7_serv	BOBJ1	49	136	After	Interior Girder 3	56	0.95	1	1	3.260639
SU7_serv	BOBJ1	49	136	After	Interior Girder 4	56	0.95	1	1	3.274652
SU7_serv	BOBJ1	49	136	After	Interior Girder 5	56	0.95	1	1	3.265512
SU7_serv	BOBJ1	49	136	After	Interior Girder 6	56	0.95	1	1	3.425756
SU7_serv	BOBJ1	49	136	After	Right Exterior Girder	56	0.95	1	1	3.904672
SU7_serv	BOBJ1	50	144	Before	Left Exterior Girder	64	0.95	1	1	2.998451
SU7_serv	BOBJ1	50	144	Before	Interior Girder 1	64	0.95	1	1	3.22284
SU7_serv	BOBJ1	50	144	Before	Interior Girder 2	64	0.95	1	1	3.379922
SU7_serv	BOBJ1	50	144	Before	Interior Girder 3	64	0.95	1	1	3.517601
SU7_serv	BOBJ1	50	144	Before	Interior Girder 4	64	0.95	1	1	3.516136
SU7_serv	BOBJ1	50	144	Before	Interior Girder 5	64	0.95	1	1	3.377663
SU7_serv	BOBJ1	50	144	Before	Interior Girder 6	64	0.95	1	1	3.223164
SU7_serv	BOBJ1	50	144	Before	Right Exterior Girder	64	0.95	1	1	3.00094
SU7_serv	BOBJ1	51	144	After	Left Exterior Girder	64	0.95	1	1	5.862155
SU7_serv	BOBJ1	51	144	After	Interior Girder 1	64	0.95	1	1	3.178248
SU7_serv	BOBJ1	51	144	After	Interior Girder 2	64	0.95	1	1	3.36957
SU7_serv	BOBJ1	51	144	After	Interior Girder 3	64	0.95	1	1	3.530341
SU7_serv	BOBJ1	51	144	After	Interior Girder 4	64	0.95	1	1	3.528721
SU7_serv	BOBJ1	51	144	After	Interior Girder 5	64	0.95	1	1	3.367502
SU7_serv	BOBJ1	51	144	After	Interior Girder 6	64	0.95	1	1	3.178507
SU7_serv	BOBJ1	51	144	After	Right Exterior Girder	64	0.95	1	1	5.866841
SU7_serv	BOBJ1	52	150	Before	Interior Girder 1	70	0.95	1	1	2.373415
SU7_serv	BOBJ1	52	150	Before	Interior Girder 2	70	0.95	1	1	2.472421
SU7_serv	BOBJ1	52	150	Before	Interior Girder 3	70	0.95	1	1	2.40421
SU7_serv	BOBJ1	52	150	Before	Interior Girder 4	70	0.95	1	1	2.403011
SU7_serv	BOBJ1	52	150	Before	Interior Girder 5	70	0.95	1	1	2.470057
SU7_serv	BOBJ1	52	150	Before	Interior Girder 6	70	0.95	1	1	2.373899
SU7_serv	BOBJ1	53	150	After	Interior Girder 1	70	0.95	1	1	5.137922
SU7_serv	BOBJ1	53	150	After	Interior Girder 2	70	0.95	1	1	5.259588
SU7_serv	BOBJ1	53	150	After	Interior Girder 3	70	0.95	1	1	5.157617
SU7_serv	BOBJ1	53	150	After	Interior Girder 4	70	0.95	1	1	5.154819
SU7_serv	BOBJ1	53	150	After	Interior Girder 5	70	0.95	1	1	5.254748
SU7_serv	BOBJ1	53	150	After	Interior Girder 6	70	0.95	1	1	5.138818
SU7_serv	BOBJ1	54	152	Before	Left Exterior Girder	72	0.95	1	1	4.142332
SU7_serv	BOBJ1	54	152	Before	Interior Girder 1	72	0.95	1	1	4.7836
SU7_serv	BOBJ1	54	152	Before	Interior Girder 2	72	0.95	1	1	4.867023
SU7_serv	BOBJ1	54	152	Before	Interior Girder 3	72	0.95	1	1	4.678902
SU7_serv	BOBJ1	54	152	Before	Interior Girder 4	72	0.95	1	1	4.676426
SU7_serv	BOBJ1	54	152	Before	Interior Girder 5	72	0.95	1	1	4.862048
SU7_serv	BOBJ1	54	152	Before	Interior Girder 6	72	0.95	1	1	4.784681
SU7_serv	BOBJ1	54	152	Before	Right Exterior Girder	72	0.95	1	1	4.146543
SU7_serv	BOBJ1	55	152	After	Left Exterior Girder	72	0.95	1	1	4.145519
SU7_serv	BOBJ1	55	152	After	Interior Girder 1	72	0.95	1	1	4.762982
SU7_serv	BOBJ1	55	152	After	Interior Girder 2	72	0.95	1	1	4.818915
SU7_serv	BOBJ1	55	152	After	Interior Girder 3	72	0.95	1	1	4.648013
SU7_serv	BOBJ1	55	152	After	Interior Girder 4	72	0.95	1	1	4.645162
SU7_serv	BOBJ1	55	152	After	Interior Girder 5	72	0.95	1	1	4.813777
SU7_serv	BOBJ1	55	152	After	Interior Girder 6	72	0.95	1	1	4.764127
SU7_serv	BOBJ1	55	152	After	Right Exterior Girder	72	0.95	1	1	4.149866
SU7_serv	BOBJ1	56	154	Before	Left Exterior Girder	74	0.95	1	1	3.718292
SU7_serv	BOBJ1	56	154	Before	Right Exterior Girder	74	0.95	1	1	3.722242
SU7_serv	BOBJ1	57	154	After	Left Exterior Girder	74	0.95	1	1	5.614434
SU7_serv	BOBJ1	57	154	After	Right Exterior Girder	74	0.95	1	1	5.620534

TABLE: Bridge Super Rating AASHTORATE18 31 - SteelICompServ-Flx - Approach, Span 4-6										
Request	BridgeObj	BridgeCut	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	Unitless	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
SU7_serv	BOBJ1	58	160	Before	Left Exterior Girder	80	0.95	1	1	4.123979
SU7_serv	BOBJ1	58	160	Before	Interior Girder 1	80	0.95	1	1	3.385556
SU7_serv	BOBJ1	58	160	Before	Interior Girder 2	80	0.95	1	1	3.27979
SU7_serv	BOBJ1	58	160	Before	Interior Girder 3	80	0.95	1	1	2.794837
SU7_serv	BOBJ1	58	160	Before	Interior Girder 4	80	0.95	1	1	2.800041
SU7_serv	BOBJ1	58	160	Before	Interior Girder 5	80	0.95	1	1	3.271867
SU7_serv	BOBJ1	58	160	Before	Interior Girder 6	80	0.95	1	1	3.386692
SU7_serv	BOBJ1	58	160	Before	Right Exterior Girder	80	0.95	1	1	4.128854
SU7_serv	BOBJ1	59	160	After	Left Exterior Girder	0	0.95	1	1	4.10143
SU7_serv	BOBJ1	59	160	After	Interior Girder 1	0	0.95	1	1	3.311425
SU7_serv	BOBJ1	59	160	After	Interior Girder 2	0	0.95	1	1	3.207469
SU7_serv	BOBJ1	59	160	After	Interior Girder 3	0	0.95	1	1	2.740309
SU7_serv	BOBJ1	59	160	After	Interior Girder 4	0	0.95	1	1	2.744924
SU7_serv	BOBJ1	59	160	After	Interior Girder 5	0	0.95	1	1	3.199953
SU7_serv	BOBJ1	59	160	After	Interior Girder 6	0	0.95	1	1	3.315028
SU7_serv	BOBJ1	59	160	After	Right Exterior Girder	0	0.95	1	1	4.106737
SU7_serv	BOBJ1	60	166	Before	Left Exterior Girder	6	0.95	1	1	5.732064
SU7_serv	BOBJ1	60	166	Before	Right Exterior Girder	6	0.95	1	1	5.739087
SU7_serv	BOBJ1	61	166	After	Left Exterior Girder	6	0.95	1	1	3.824653
SU7_serv	BOBJ1	61	166	After	Right Exterior Girder	6	0.95	1	1	3.829265
SU7_serv	BOBJ1	62	168	Before	Left Exterior Girder	8	0.95	1	1	4.27238
SU7_serv	BOBJ1	62	168	Before	Interior Girder 1	8	0.95	1	1	5.113107
SU7_serv	BOBJ1	62	168	Before	Interior Girder 2	8	0.95	1	1	5.142425
SU7_serv	BOBJ1	62	168	Before	Interior Girder 3	8	0.95	1	1	4.967544
SU7_serv	BOBJ1	62	168	Before	Interior Girder 4	8	0.95	1	1	4.965328
SU7_serv	BOBJ1	62	168	Before	Interior Girder 5	8	0.95	1	1	5.136718
SU7_serv	BOBJ1	62	168	Before	Interior Girder 6	8	0.95	1	1	5.114578
SU7_serv	BOBJ1	62	168	Before	Right Exterior Girder	8	0.95	1	1	4.277237
SU7_serv	BOBJ1	63	168	After	Left Exterior Girder	8	0.95	1	1	4.236156
SU7_serv	BOBJ1	63	168	After	Interior Girder 1	8	0.95	1	1	5.181847
SU7_serv	BOBJ1	63	168	After	Interior Girder 2	8	0.95	1	1	5.195105
SU7_serv	BOBJ1	63	168	After	Interior Girder 3	8	0.95	1	1	5.003254
SU7_serv	BOBJ1	63	168	After	Interior Girder 4	8	0.95	1	1	5.000209
SU7_serv	BOBJ1	63	168	After	Interior Girder 5	8	0.95	1	1	5.189532
SU7_serv	BOBJ1	63	168	After	Interior Girder 6	8	0.95	1	1	5.183223
SU7_serv	BOBJ1	63	168	After	Right Exterior Girder	8	0.95	1	1	4.240846
SU7_serv	BOBJ1	64	170	Before	Interior Girder 1	10	0.95	1	1	5.595333
SU7_serv	BOBJ1	64	170	Before	Interior Girder 2	10	0.95	1	1	5.625867
SU7_serv	BOBJ1	64	170	Before	Interior Girder 3	10	0.95	1	1	5.526103
SU7_serv	BOBJ1	64	170	Before	Interior Girder 4	10	0.95	1	1	5.522722
SU7_serv	BOBJ1	64	170	Before	Interior Girder 5	10	0.95	1	1	5.620448
SU7_serv	BOBJ1	64	170	Before	Interior Girder 6	10	0.95	1	1	5.59648
SU7_serv	BOBJ1	65	170	After	Interior Girder 1	10	0.95	1	1	2.755718
SU7_serv	BOBJ1	65	170	After	Interior Girder 2	10	0.95	1	1	2.815297
SU7_serv	BOBJ1	65	170	After	Interior Girder 3	10	0.95	1	1	2.734857
SU7_serv	BOBJ1	65	170	After	Interior Girder 4	10	0.95	1	1	2.733289
SU7_serv	BOBJ1	65	170	After	Interior Girder 5	10	0.95	1	1	2.812451
SU7_serv	BOBJ1	65	170	After	Interior Girder 6	10	0.95	1	1	2.75638
SU7_serv	BOBJ1	66	176	Before	Left Exterior Girder	16	0.95	1	1	5.887884
SU7_serv	BOBJ1	66	176	Before	Interior Girder 1	16	0.95	1	1	3.765787
SU7_serv	BOBJ1	66	176	Before	Interior Girder 2	16	0.95	1	1	3.885514
SU7_serv	BOBJ1	66	176	Before	Interior Girder 3	16	0.95	1	1	4.040023
SU7_serv	BOBJ1	66	176	Before	Interior Girder 4	16	0.95	1	1	4.037902
SU7_serv	BOBJ1	66	176	Before	Interior Girder 5	16	0.95	1	1	3.882903
SU7_serv	BOBJ1	66	176	Before	Interior Girder 6	16	0.95	1	1	3.766121
SU7_serv	BOBJ1	66	176	Before	Right Exterior Girder	16	0.95	1	1	5.892927
SU7_serv	BOBJ1	67	176	After	Left Exterior Girder	16	0.95	1	1	5.835425
SU7_serv	BOBJ1	67	176	After	Interior Girder 1	16	0.95	1	1	3.80315
SU7_serv	BOBJ1	67	176	After	Interior Girder 2	16	0.95	1	1	3.909235
SU7_serv	BOBJ1	67	176	After	Interior Girder 3	16	0.95	1	1	4.041916
SU7_serv	BOBJ1	67	176	After	Interior Girder 4	16	0.95	1	1	4.040117
SU7_serv	BOBJ1	67	176	After	Interior Girder 5	16	0.95	1	1	3.906476
SU7_serv	BOBJ1	67	176	After	Interior Girder 6	16	0.95	1	1	3.803566
SU7_serv	BOBJ1	67	176	After	Right Exterior Girder	16	0.95	1	1	5.84045
SU7_serv	BOBJ1	68	181	Before	Interior Girder 1	21	0.95	1	1	2.949217
SU7_serv	BOBJ1	68	181	Before	Interior Girder 2	21	0.95	1	1	2.793781
SU7_serv	BOBJ1	68	181	Before	Interior Girder 3	21	0.95	1	1	2.776436
SU7_serv	BOBJ1	68	181	Before	Interior Girder 4	21	0.95	1	1	2.786008
SU7_serv	BOBJ1	68	181	Before	Interior Girder 5	21	0.95	1	1	2.788089
SU7_serv	BOBJ1	68	181	Before	Interior Girder 6	21	0.95	1	1	2.955581
SU7_serv	BOBJ1	69	181	After	Interior Girder 1	21	0.95	1	1	4.729298
SU7_serv	BOBJ1	69	181	After	Interior Girder 2	21	0.95	1	1	4.444489
SU7_serv	BOBJ1	69	181	After	Interior Girder 3	21	0.95	1	1	4.516279

TABLE: Bridge Super Rating AASHTORATE18 31 - SteelICompServ-Flx - Approach, Span 4-6										
Request	BridgeObj	BridgeCut	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	Unitless	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
SU7_serv	BOBJ1	69	181	After	Interior Girder 4	21	0.95	1	1	4.531017
SU7_serv	BOBJ1	69	181	After	Interior Girder 5	21	0.95	1	1	4.435365
SU7_serv	BOBJ1	69	181	After	Interior Girder 6	21	0.95	1	1	4.73959
SU7_serv	BOBJ1	70	184	Before	Left Exterior Girder	24	0.95	1	1	3.96146
SU7_serv	BOBJ1	70	184	Before	Interior Girder 1	24	0.95	1	1	3.912878
SU7_serv	BOBJ1	70	184	Before	Interior Girder 2	24	0.95	1	1	3.741242
SU7_serv	BOBJ1	70	184	Before	Interior Girder 3	24	0.95	1	1	3.800448
SU7_serv	BOBJ1	70	184	Before	Interior Girder 4	24	0.95	1	1	3.813521
SU7_serv	BOBJ1	70	184	Before	Interior Girder 5	24	0.95	1	1	3.73295
SU7_serv	BOBJ1	70	184	Before	Interior Girder 6	24	0.95	1	1	3.921315
SU7_serv	BOBJ1	70	184	Before	Right Exterior Girder	24	0.95	1	1	3.964913
SU7_serv	BOBJ1	71	184	After	Left Exterior Girder	24	0.95	1	1	4.005466
SU7_serv	BOBJ1	71	184	After	Interior Girder 1	24	0.95	1	1	3.86379
SU7_serv	BOBJ1	71	184	After	Interior Girder 2	24	0.95	1	1	3.749886
SU7_serv	BOBJ1	71	184	After	Interior Girder 3	24	0.95	1	1	3.844061
SU7_serv	BOBJ1	71	184	After	Interior Girder 4	24	0.95	1	1	3.860227
SU7_serv	BOBJ1	71	184	After	Interior Girder 5	24	0.95	1	1	3.743292
SU7_serv	BOBJ1	71	184	After	Interior Girder 6	24	0.95	1	1	3.871648
SU7_serv	BOBJ1	71	184	After	Right Exterior Girder	24	0.95	1	1	4.008824
SU7_serv	BOBJ1	72	192	Before	Left Exterior Girder	32	0.95	1	1	2.930153
SU7_serv	BOBJ1	72	192	Before	Interior Girder 1	32	0.95	1	1	2.801124
SU7_serv	BOBJ1	72	192	Before	Interior Girder 2	32	0.95	1	1	2.828411
SU7_serv	BOBJ1	72	192	Before	Interior Girder 3	32	0.95	1	1	2.899387
SU7_serv	BOBJ1	72	192	Before	Interior Girder 4	32	0.95	1	1	2.899606
SU7_serv	BOBJ1	72	192	Before	Interior Girder 5	32	0.95	1	1	2.826946
SU7_serv	BOBJ1	72	192	Before	Interior Girder 6	32	0.95	1	1	2.800882
SU7_serv	BOBJ1	72	192	Before	Right Exterior Girder	32	0.95	1	1	2.93393
SU7_serv	BOBJ1	73	192	After	Left Exterior Girder	32	0.95	1	1	2.952993
SU7_serv	BOBJ1	73	192	After	Interior Girder 1	32	0.95	1	1	2.769188
SU7_serv	BOBJ1	73	192	After	Interior Girder 2	32	0.95	1	1	2.823782
SU7_serv	BOBJ1	73	192	After	Interior Girder 3	32	0.95	1	1	2.901304
SU7_serv	BOBJ1	73	192	After	Interior Girder 4	32	0.95	1	1	2.90145
SU7_serv	BOBJ1	73	192	After	Interior Girder 5	32	0.95	1	1	2.822849
SU7_serv	BOBJ1	73	192	After	Interior Girder 6	32	0.95	1	1	2.768926
SU7_serv	BOBJ1	73	192	After	Right Exterior Girder	32	0.95	1	1	2.956402
SU7_serv	BOBJ1	74	200	Before	Left Exterior Girder	40	0.95	1	1	2.520099
SU7_serv	BOBJ1	74	200	Before	Interior Girder 1	40	0.95	1	1	2.249361
SU7_serv	BOBJ1	74	200	Before	Interior Girder 2	40	0.95	1	1	2.295201
SU7_serv	BOBJ1	74	200	Before	Interior Girder 3	40	0.95	1	1	2.397133
SU7_serv	BOBJ1	74	200	Before	Interior Girder 4	40	0.95	1	1	2.401898
SU7_serv	BOBJ1	74	200	Before	Interior Girder 5	40	0.95	1	1	2.291182
SU7_serv	BOBJ1	74	200	Before	Interior Girder 6	40	0.95	1	1	2.252346
SU7_serv	BOBJ1	74	200	Before	Right Exterior Girder	40	0.95	1	1	2.522257
SU7_serv	BOBJ1	75	200	After	Left Exterior Girder	40	0.95	1	1	2.535897
SU7_serv	BOBJ1	75	200	After	Interior Girder 1	40	0.95	1	1	2.23373
SU7_serv	BOBJ1	75	200	After	Interior Girder 2	40	0.95	1	1	2.290239
SU7_serv	BOBJ1	75	200	After	Interior Girder 3	40	0.95	1	1	2.390701
SU7_serv	BOBJ1	75	200	After	Interior Girder 4	40	0.95	1	1	2.395448
SU7_serv	BOBJ1	75	200	After	Interior Girder 5	40	0.95	1	1	2.286198
SU7_serv	BOBJ1	75	200	After	Interior Girder 6	40	0.95	1	1	2.236722
SU7_serv	BOBJ1	75	200	After	Right Exterior Girder	40	0.95	1	1	2.538095
SU7_serv	BOBJ1	76	208	Before	Left Exterior Girder	48	0.95	1	1	2.352809
SU7_serv	BOBJ1	76	208	Before	Interior Girder 1	48	0.95	1	1	2.180049
SU7_serv	BOBJ1	76	208	Before	Interior Girder 2	48	0.95	1	1	2.26266
SU7_serv	BOBJ1	76	208	Before	Interior Girder 3	48	0.95	1	1	2.344148
SU7_serv	BOBJ1	76	208	Before	Interior Girder 4	48	0.95	1	1	2.343754
SU7_serv	BOBJ1	76	208	Before	Interior Girder 5	48	0.95	1	1	2.261214
SU7_serv	BOBJ1	76	208	Before	Interior Girder 6	48	0.95	1	1	2.180007
SU7_serv	BOBJ1	76	208	Before	Right Exterior Girder	48	0.95	1	1	2.355627
SU7_serv	BOBJ1	77	208	After	Left Exterior Girder	48	0.95	1	1	2.344206
SU7_serv	BOBJ1	77	208	After	Interior Girder 1	48	0.95	1	1	2.182847
SU7_serv	BOBJ1	77	208	After	Interior Girder 2	48	0.95	1	1	2.265774
SU7_serv	BOBJ1	77	208	After	Interior Girder 3	48	0.95	1	1	2.342985
SU7_serv	BOBJ1	77	208	After	Interior Girder 4	48	0.95	1	1	2.342369
SU7_serv	BOBJ1	77	208	After	Interior Girder 5	48	0.95	1	1	2.264472
SU7_serv	BOBJ1	77	208	After	Interior Girder 6	48	0.95	1	1	2.182768
SU7_serv	BOBJ1	77	208	After	Right Exterior Girder	48	0.95	1	1	2.347067
SU7_serv	BOBJ1	78	216	Before	Left Exterior Girder	56	0.95	1	1	2.72571
SU7_serv	BOBJ1	78	216	Before	Interior Girder 1	56	0.95	1	1	2.370821
SU7_serv	BOBJ1	78	216	Before	Interior Girder 2	56	0.95	1	1	2.406508
SU7_serv	BOBJ1	78	216	Before	Interior Girder 3	56	0.95	1	1	2.510789
SU7_serv	BOBJ1	78	216	Before	Interior Girder 4	56	0.95	1	1	2.518475
SU7_serv	BOBJ1	78	216	Before	Interior Girder 5	56	0.95	1	1	2.402026

TABLE: Bridge Super Rating AASHTORATE18 31 - SteelICompServ-Flx - Approach, Span 4-6										
Request	BridgeObj	BridgeCut	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	Unitless	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
SU7_serv	BOBJ1	78	216	Before	Interior Girder 6	56	0.95	1	1	2.374774
SU7_serv	BOBJ1	78	216	Before	Right Exterior Girder	56	0.95	1	1	2.728048
SU7_serv	BOBJ1	79	216	After	Left Exterior Girder	56	0.95	1	1	2.687978
SU7_serv	BOBJ1	79	216	After	Interior Girder 1	56	0.95	1	1	2.381699
SU7_serv	BOBJ1	79	216	After	Interior Girder 2	56	0.95	1	1	2.40426
SU7_serv	BOBJ1	79	216	After	Interior Girder 3	56	0.95	1	1	2.480438
SU7_serv	BOBJ1	79	216	After	Interior Girder 4	56	0.95	1	1	2.486829
SU7_serv	BOBJ1	79	216	After	Interior Girder 5	56	0.95	1	1	2.399584
SU7_serv	BOBJ1	79	216	After	Interior Girder 6	56	0.95	1	1	2.38583
SU7_serv	BOBJ1	79	216	After	Right Exterior Girder	56	0.95	1	1	2.690444
SU7_serv	BOBJ1	80	224	Before	Left Exterior Girder	64	0.95	1	1	3.59777
SU7_serv	BOBJ1	80	224	Before	Interior Girder 1	64	0.95	1	1	3.308893
SU7_serv	BOBJ1	80	224	Before	Interior Girder 2	64	0.95	1	1	3.276825
SU7_serv	BOBJ1	80	224	Before	Interior Girder 3	64	0.95	1	1	3.346828
SU7_serv	BOBJ1	80	224	Before	Interior Girder 4	64	0.95	1	1	3.347183
SU7_serv	BOBJ1	80	224	Before	Interior Girder 5	64	0.95	1	1	3.275692
SU7_serv	BOBJ1	80	224	Before	Interior Girder 6	64	0.95	1	1	3.308671
SU7_serv	BOBJ1	80	224	Before	Right Exterior Girder	64	0.95	1	1	3.601221
SU7_serv	BOBJ1	81	224	After	Left Exterior Girder	64	0.95	1	1	3.561768
SU7_serv	BOBJ1	81	224	After	Interior Girder 1	64	0.95	1	1	3.3626
SU7_serv	BOBJ1	81	224	After	Interior Girder 2	64	0.95	1	1	3.26173
SU7_serv	BOBJ1	81	224	After	Interior Girder 3	64	0.95	1	1	3.306395
SU7_serv	BOBJ1	81	224	After	Interior Girder 4	64	0.95	1	1	3.307121
SU7_serv	BOBJ1	81	224	After	Interior Girder 5	64	0.95	1	1	3.259526
SU7_serv	BOBJ1	81	224	After	Interior Girder 6	64	0.95	1	1	3.362673
SU7_serv	BOBJ1	81	224	After	Right Exterior Girder	64	0.95	1	1	3.565232
SU7_serv	BOBJ1	82	232	Before	Left Exterior Girder	72	0.95	1	1	6.651896
SU7_serv	BOBJ1	82	232	Before	Interior Girder 1	72	0.95	1	1	6.286513
SU7_serv	BOBJ1	82	232	Before	Interior Girder 2	72	0.95	1	1	5.880279
SU7_serv	BOBJ1	82	232	Before	Interior Girder 3	72	0.95	1	1	5.979673
SU7_serv	BOBJ1	82	232	Before	Interior Girder 4	72	0.95	1	1	6.008615
SU7_serv	BOBJ1	82	232	Before	Interior Girder 5	72	0.95	1	1	5.871819
SU7_serv	BOBJ1	82	232	Before	Interior Girder 6	72	0.95	1	1	6.298048
SU7_serv	BOBJ1	82	232	Before	Right Exterior Girder	72	0.95	1	1	6.658483
SU7_serv	BOBJ1	83	232	After	Left Exterior Girder	72	0.95	1	1	6.669216
SU7_serv	BOBJ1	83	232	After	Interior Girder 1	72	0.95	1	1	6.273723
SU7_serv	BOBJ1	83	232	After	Interior Girder 2	72	0.95	1	1	5.792526
SU7_serv	BOBJ1	83	232	After	Interior Girder 3	72	0.95	1	1	5.71941
SU7_serv	BOBJ1	83	232	After	Interior Girder 4	72	0.95	1	1	5.747982
SU7_serv	BOBJ1	83	232	After	Interior Girder 5	72	0.95	1	1	5.777958
SU7_serv	BOBJ1	83	232	After	Interior Girder 6	72	0.95	1	1	6.290949
SU7_serv	BOBJ1	83	232	After	Right Exterior Girder	72	0.95	1	1	6.676871
SU7_serv	BOBJ1	84	240	Before	Left Exterior Girder	80	0.95	1	1	54.30312
SU7_serv	BOBJ1	84	240	Before	Interior Girder 1	80	0.95	1	1	32.583926
SU7_serv	BOBJ1	84	240	Before	Interior Girder 2	80	0.95	1	1	27.179368
SU7_serv	BOBJ1	84	240	Before	Interior Girder 3	80	0.95	1	1	18.466456
SU7_serv	BOBJ1	84	240	Before	Interior Girder 4	80	0.95	1	1	18.817458
SU7_serv	BOBJ1	84	240	Before	Interior Girder 5	80	0.95	1	1	27.197134
SU7_serv	BOBJ1	84	240	Before	Interior Girder 6	80	0.95	1	1	32.591237
SU7_serv	BOBJ1	84	240	Before	Right Exterior Girder	80	0.95	1	1	54.302815
Type 3_serv	BOBJ1	1	0	After	Left Exterior Girder	0	0.95	1	1	571.795863
Type 3_serv	BOBJ1	1	0	After	Interior Girder 1	0	0.95	1	1	646.185962
Type 3_serv	BOBJ1	1	0	After	Interior Girder 2	0	0.95	1	1	459.949245
Type 3_serv	BOBJ1	1	0	After	Interior Girder 3	0	0.95	1	1	297.083848
Type 3_serv	BOBJ1	1	0	After	Interior Girder 4	0	0.95	1	1	301.750578
Type 3_serv	BOBJ1	1	0	After	Interior Girder 5	0	0.95	1	1	455.902354
Type 3_serv	BOBJ1	1	0	After	Interior Girder 6	0	0.95	1	1	615.419298
Type 3_serv	BOBJ1	1	0	After	Right Exterior Girder	0	0.95	1	1	588.787857
Type 3_serv	BOBJ1	2	8	Before	Left Exterior Girder	8	0.95	1	1	9.709875
Type 3_serv	BOBJ1	2	8	Before	Interior Girder 1	8	0.95	1	1	8.602892
Type 3_serv	BOBJ1	2	8	Before	Interior Girder 2	8	0.95	1	1	8.098678
Type 3_serv	BOBJ1	2	8	Before	Interior Girder 3	8	0.95	1	1	7.490482
Type 3_serv	BOBJ1	2	8	Before	Interior Girder 4	8	0.95	1	1	7.537159
Type 3_serv	BOBJ1	2	8	Before	Interior Girder 5	8	0.95	1	1	8.071037
Type 3_serv	BOBJ1	2	8	Before	Interior Girder 6	8	0.95	1	1	8.639166
Type 3_serv	BOBJ1	2	8	Before	Right Exterior Girder	8	0.95	1	1	9.722993
Type 3_serv	BOBJ1	3	8	After	Left Exterior Girder	8	0.95	1	1	9.709328
Type 3_serv	BOBJ1	3	8	After	Interior Girder 1	8	0.95	1	1	8.588313
Type 3_serv	BOBJ1	3	8	After	Interior Girder 2	8	0.95	1	1	8.26881
Type 3_serv	BOBJ1	3	8	After	Interior Girder 3	8	0.95	1	1	7.77774
Type 3_serv	BOBJ1	3	8	After	Interior Girder 4	8	0.95	1	1	7.822149
Type 3_serv	BOBJ1	3	8	After	Interior Girder 5	8	0.95	1	1	8.242976
Type 3_serv	BOBJ1	3	8	After	Interior Girder 6	8	0.95	1	1	8.62132

TABLE: Bridge Super Rating AASHTORATE18 31 - SteelICompServ-Flx - Approach, Span 4-6										
Request	BridgeObj	BridgeCut	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	Unitless	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Type 3_serv	BOBJ1	3	8	After	Right Exterior Girder	8	0.95	1	1	9.720674
Type 3_serv	BOBJ1	4	16	Before	Left Exterior Girder	16	0.95	1	1	5.148189
Type 3_serv	BOBJ1	4	16	Before	Interior Girder 1	16	0.95	1	1	5.312715
Type 3_serv	BOBJ1	4	16	Before	Interior Girder 2	16	0.95	1	1	5.077826
Type 3_serv	BOBJ1	4	16	Before	Interior Girder 3	16	0.95	1	1	5.043683
Type 3_serv	BOBJ1	4	16	Before	Interior Girder 4	16	0.95	1	1	5.043263
Type 3_serv	BOBJ1	4	16	Before	Interior Girder 5	16	0.95	1	1	5.076858
Type 3_serv	BOBJ1	4	16	Before	Interior Girder 6	16	0.95	1	1	5.311938
Type 3_serv	BOBJ1	4	16	Before	Right Exterior Girder	16	0.95	1	1	5.154934
Type 3_serv	BOBJ1	5	16	After	Left Exterior Girder	16	0.95	1	1	5.183278
Type 3_serv	BOBJ1	5	16	After	Interior Girder 1	16	0.95	1	1	5.268211
Type 3_serv	BOBJ1	5	16	After	Interior Girder 2	16	0.95	1	1	5.089952
Type 3_serv	BOBJ1	5	16	After	Interior Girder 3	16	0.95	1	1	5.11988
Type 3_serv	BOBJ1	5	16	After	Interior Girder 4	16	0.95	1	1	5.123233
Type 3_serv	BOBJ1	5	16	After	Interior Girder 5	16	0.95	1	1	5.090302
Type 3_serv	BOBJ1	5	16	After	Interior Girder 6	16	0.95	1	1	5.267387
Type 3_serv	BOBJ1	5	16	After	Right Exterior Girder	16	0.95	1	1	5.189659
Type 3_serv	BOBJ1	6	20.5	Before	Left Exterior Girder	20.5	0.95	1	1	4.420678
Type 3_serv	BOBJ1	6	20.5	Before	Right Exterior Girder	20.5	0.95	1	1	4.424335
Type 3_serv	BOBJ1	7	20.5	After	Left Exterior Girder	20.5	0.95	1	1	5.276703
Type 3_serv	BOBJ1	7	20.5	After	Right Exterior Girder	20.5	0.95	1	1	5.280808
Type 3_serv	BOBJ1	8	24	Before	Left Exterior Girder	24	0.95	1	1	4.855832
Type 3_serv	BOBJ1	8	24	Before	Interior Girder 1	24	0.95	1	1	3.91631
Type 3_serv	BOBJ1	8	24	Before	Interior Girder 2	24	0.95	1	1	3.874202
Type 3_serv	BOBJ1	8	24	Before	Interior Girder 3	24	0.95	1	1	3.909996
Type 3_serv	BOBJ1	8	24	Before	Interior Girder 4	24	0.95	1	1	3.919023
Type 3_serv	BOBJ1	8	24	Before	Interior Girder 5	24	0.95	1	1	3.865674
Type 3_serv	BOBJ1	8	24	Before	Interior Girder 6	24	0.95	1	1	3.923971
Type 3_serv	BOBJ1	8	24	Before	Right Exterior Girder	24	0.95	1	1	4.860096
Type 3_serv	BOBJ1	9	24	After	Left Exterior Girder	24	0.95	1	1	4.847338
Type 3_serv	BOBJ1	9	24	After	Interior Girder 1	24	0.95	1	1	3.928301
Type 3_serv	BOBJ1	9	24	After	Interior Girder 2	24	0.95	1	1	3.871312
Type 3_serv	BOBJ1	9	24	After	Interior Girder 3	24	0.95	1	1	3.927593
Type 3_serv	BOBJ1	9	24	After	Interior Girder 4	24	0.95	1	1	3.94026
Type 3_serv	BOBJ1	9	24	After	Interior Girder 5	24	0.95	1	1	3.862877
Type 3_serv	BOBJ1	9	24	After	Interior Girder 6	24	0.95	1	1	3.935904
Type 3_serv	BOBJ1	9	24	After	Right Exterior Girder	24	0.95	1	1	4.851382
Type 3_serv	BOBJ1	10	32	Before	Left Exterior Girder	32	0.95	1	1	4.225611
Type 3_serv	BOBJ1	10	32	Before	Interior Girder 1	32	0.95	1	1	3.728672
Type 3_serv	BOBJ1	10	32	Before	Interior Girder 2	32	0.95	1	1	3.695576
Type 3_serv	BOBJ1	10	32	Before	Interior Girder 3	32	0.95	1	1	3.793971
Type 3_serv	BOBJ1	10	32	Before	Interior Girder 4	32	0.95	1	1	3.794458
Type 3_serv	BOBJ1	10	32	Before	Interior Girder 5	32	0.95	1	1	3.693063
Type 3_serv	BOBJ1	10	32	Before	Interior Girder 6	32	0.95	1	1	3.728262
Type 3_serv	BOBJ1	10	32	Before	Right Exterior Girder	32	0.95	1	1	4.230681
Type 3_serv	BOBJ1	11	32	After	Left Exterior Girder	32	0.95	1	1	4.23815
Type 3_serv	BOBJ1	11	32	After	Interior Girder 1	32	0.95	1	1	3.728742
Type 3_serv	BOBJ1	11	32	After	Interior Girder 2	32	0.95	1	1	3.686007
Type 3_serv	BOBJ1	11	32	After	Interior Girder 3	32	0.95	1	1	3.786403
Type 3_serv	BOBJ1	11	32	After	Interior Girder 4	32	0.95	1	1	3.788349
Type 3_serv	BOBJ1	11	32	After	Interior Girder 5	32	0.95	1	1	3.684958
Type 3_serv	BOBJ1	11	32	After	Interior Girder 6	32	0.95	1	1	3.728539
Type 3_serv	BOBJ1	11	32	After	Right Exterior Girder	32	0.95	1	1	4.242922
Type 3_serv	BOBJ1	12	40	Before	Left Exterior Girder	40	0.95	1	1	4.49231
Type 3_serv	BOBJ1	12	40	Before	Interior Girder 1	40	0.95	1	1	3.758972
Type 3_serv	BOBJ1	12	40	Before	Interior Girder 2	40	0.95	1	1	3.734826
Type 3_serv	BOBJ1	12	40	Before	Interior Girder 3	40	0.95	1	1	3.842376
Type 3_serv	BOBJ1	12	40	Before	Interior Girder 4	40	0.95	1	1	3.856486
Type 3_serv	BOBJ1	12	40	Before	Interior Girder 5	40	0.95	1	1	3.728362
Type 3_serv	BOBJ1	12	40	Before	Interior Girder 6	40	0.95	1	1	3.764754
Type 3_serv	BOBJ1	12	40	Before	Right Exterior Girder	40	0.95	1	1	4.496265
Type 3_serv	BOBJ1	13	40	After	Left Exterior Girder	40	0.95	1	1	4.505483
Type 3_serv	BOBJ1	13	40	After	Interior Girder 1	40	0.95	1	1	3.769816
Type 3_serv	BOBJ1	13	40	After	Interior Girder 2	40	0.95	1	1	3.728942
Type 3_serv	BOBJ1	13	40	After	Interior Girder 3	40	0.95	1	1	3.835429
Type 3_serv	BOBJ1	13	40	After	Interior Girder 4	40	0.95	1	1	3.844877
Type 3_serv	BOBJ1	13	40	After	Interior Girder 5	40	0.95	1	1	3.721368
Type 3_serv	BOBJ1	13	40	After	Interior Girder 6	40	0.95	1	1	3.77676
Type 3_serv	BOBJ1	13	40	After	Right Exterior Girder	40	0.95	1	1	4.509489
Type 3_serv	BOBJ1	14	46.5	Before	Left Exterior Girder	46.5	0.95	1	1	4.851775
Type 3_serv	BOBJ1	14	46.5	Before	Right Exterior Girder	46.5	0.95	1	1	4.85697
Type 3_serv	BOBJ1	15	46.5	After	Left Exterior Girder	46.5	0.95	1	1	4.177664
Type 3_serv	BOBJ1	15	46.5	After	Right Exterior Girder	46.5	0.95	1	1	4.182288

TABLE: Bridge Super Rating AASHTORATE18 31 - SteelICompServ-Flx - Approach, Span 4-6										
Request	BridgeObj	BridgeCut	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	Unitless	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Type 3_serv	BOBJ1	16	48	Before	Left Exterior Girder	48	0.95	1	1	4.310759
Type 3_serv	BOBJ1	16	48	Before	Interior Girder 1	48	0.95	1	1	4.54835
Type 3_serv	BOBJ1	16	48	Before	Interior Girder 2	48	0.95	1	1	4.538688
Type 3_serv	BOBJ1	16	48	Before	Interior Girder 3	48	0.95	1	1	4.641994
Type 3_serv	BOBJ1	16	48	Before	Interior Girder 4	48	0.95	1	1	4.64576
Type 3_serv	BOBJ1	16	48	Before	Interior Girder 5	48	0.95	1	1	4.539247
Type 3_serv	BOBJ1	16	48	Before	Interior Girder 6	48	0.95	1	1	4.548129
Type 3_serv	BOBJ1	16	48	Before	Right Exterior Girder	48	0.95	1	1	4.315771
Type 3_serv	BOBJ1	17	48	After	Left Exterior Girder	48	0.95	1	1	4.28845
Type 3_serv	BOBJ1	17	48	After	Interior Girder 1	48	0.95	1	1	4.60141
Type 3_serv	BOBJ1	17	48	After	Interior Girder 2	48	0.95	1	1	4.546874
Type 3_serv	BOBJ1	17	48	After	Interior Girder 3	48	0.95	1	1	4.638307
Type 3_serv	BOBJ1	17	48	After	Interior Girder 4	48	0.95	1	1	4.640578
Type 3_serv	BOBJ1	17	48	After	Interior Girder 5	48	0.95	1	1	4.543604
Type 3_serv	BOBJ1	17	48	After	Interior Girder 6	48	0.95	1	1	4.600956
Type 3_serv	BOBJ1	17	48	After	Right Exterior Girder	48	0.95	1	1	4.293637
Type 3_serv	BOBJ1	18	56	Before	Left Exterior Girder	56	0.95	1	1	5.862447
Type 3_serv	BOBJ1	18	56	Before	Interior Girder 1	56	0.95	1	1	6.115767
Type 3_serv	BOBJ1	18	56	Before	Interior Girder 2	56	0.95	1	1	5.93571
Type 3_serv	BOBJ1	18	56	Before	Interior Girder 3	56	0.95	1	1	6.002082
Type 3_serv	BOBJ1	18	56	Before	Interior Girder 4	56	0.95	1	1	6.031145
Type 3_serv	BOBJ1	18	56	Before	Interior Girder 5	56	0.95	1	1	5.925055
Type 3_serv	BOBJ1	18	56	Before	Interior Girder 6	56	0.95	1	1	6.130446
Type 3_serv	BOBJ1	18	56	Before	Right Exterior Girder	56	0.95	1	1	5.866785
Type 3_serv	BOBJ1	19	56	After	Left Exterior Girder	56	0.95	1	1	5.7991
Type 3_serv	BOBJ1	19	56	After	Interior Girder 1	56	0.95	1	1	6.19729
Type 3_serv	BOBJ1	19	56	After	Interior Girder 2	56	0.95	1	1	5.926616
Type 3_serv	BOBJ1	19	56	After	Interior Girder 3	56	0.95	1	1	5.950557
Type 3_serv	BOBJ1	19	56	After	Interior Girder 4	56	0.95	1	1	5.974638
Type 3_serv	BOBJ1	19	56	After	Interior Girder 5	56	0.95	1	1	5.913354
Type 3_serv	BOBJ1	19	56	After	Interior Girder 6	56	0.95	1	1	6.212546
Type 3_serv	BOBJ1	19	56	After	Right Exterior Girder	56	0.95	1	1	5.803773
Type 3_serv	BOBJ1	20	59	Before	Interior Girder 1	59	0.95	1	1	7.413017
Type 3_serv	BOBJ1	20	59	Before	Interior Girder 2	59	0.95	1	1	6.991943
Type 3_serv	BOBJ1	20	59	Before	Interior Girder 3	59	0.95	1	1	7.051122
Type 3_serv	BOBJ1	20	59	Before	Interior Girder 4	59	0.95	1	1	7.084865
Type 3_serv	BOBJ1	20	59	Before	Interior Girder 5	59	0.95	1	1	6.97915
Type 3_serv	BOBJ1	20	59	Before	Interior Girder 6	59	0.95	1	1	7.427423
Type 3_serv	BOBJ1	21	59	After	Interior Girder 1	59	0.95	1	1	4.247263
Type 3_serv	BOBJ1	21	59	After	Interior Girder 2	59	0.95	1	1	4.0463
Type 3_serv	BOBJ1	21	59	After	Interior Girder 3	59	0.95	1	1	3.981199
Type 3_serv	BOBJ1	21	59	After	Interior Girder 4	59	0.95	1	1	3.998509
Type 3_serv	BOBJ1	21	59	After	Interior Girder 5	59	0.95	1	1	4.038221
Type 3_serv	BOBJ1	21	59	After	Interior Girder 6	59	0.95	1	1	4.255153
Type 3_serv	BOBJ1	22	64	Before	Left Exterior Girder	64	0.95	1	1	8.939774
Type 3_serv	BOBJ1	22	64	Before	Interior Girder 1	64	0.95	1	1	5.613671
Type 3_serv	BOBJ1	22	64	Before	Interior Girder 2	64	0.95	1	1	5.756801
Type 3_serv	BOBJ1	22	64	Before	Interior Girder 3	64	0.95	1	1	5.941993
Type 3_serv	BOBJ1	22	64	Before	Interior Girder 4	64	0.95	1	1	5.939714
Type 3_serv	BOBJ1	22	64	Before	Interior Girder 5	64	0.95	1	1	5.752018
Type 3_serv	BOBJ1	22	64	Before	Interior Girder 6	64	0.95	1	1	5.614402
Type 3_serv	BOBJ1	22	64	Before	Right Exterior Girder	64	0.95	1	1	8.947266
Type 3_serv	BOBJ1	23	64	After	Left Exterior Girder	64	0.95	1	1	8.993002
Type 3_serv	BOBJ1	23	64	After	Interior Girder 1	64	0.95	1	1	5.575982
Type 3_serv	BOBJ1	23	64	After	Interior Girder 2	64	0.95	1	1	5.728714
Type 3_serv	BOBJ1	23	64	After	Interior Girder 3	64	0.95	1	1	5.940113
Type 3_serv	BOBJ1	23	64	After	Interior Girder 4	64	0.95	1	1	5.93755
Type 3_serv	BOBJ1	23	64	After	Interior Girder 5	64	0.95	1	1	5.724195
Type 3_serv	BOBJ1	23	64	After	Interior Girder 6	64	0.95	1	1	5.576524
Type 3_serv	BOBJ1	23	64	After	Right Exterior Girder	64	0.95	1	1	9.000467
Type 3_serv	BOBJ1	24	69	Before	Interior Girder 1	69	0.95	1	1	4.303569
Type 3_serv	BOBJ1	24	69	Before	Interior Girder 2	69	0.95	1	1	4.389031
Type 3_serv	BOBJ1	24	69	Before	Interior Girder 3	69	0.95	1	1	4.304952
Type 3_serv	BOBJ1	24	69	Before	Interior Girder 4	69	0.95	1	1	4.303088
Type 3_serv	BOBJ1	24	69	Before	Interior Girder 5	69	0.95	1	1	4.384063
Type 3_serv	BOBJ1	24	69	Before	Interior Girder 6	69	0.95	1	1	4.304778
Type 3_serv	BOBJ1	25	69	After	Interior Girder 1	69	0.95	1	1	9.052634
Type 3_serv	BOBJ1	25	69	After	Interior Girder 2	69	0.95	1	1	9.138909
Type 3_serv	BOBJ1	25	69	After	Interior Girder 3	69	0.95	1	1	9.03905
Type 3_serv	BOBJ1	25	69	After	Interior Girder 4	69	0.95	1	1	9.034723
Type 3_serv	BOBJ1	25	69	After	Interior Girder 5	69	0.95	1	1	9.129124
Type 3_serv	BOBJ1	25	69	After	Interior Girder 6	69	0.95	1	1	9.054708
Type 3_serv	BOBJ1	26	72	Before	Left Exterior Girder	72	0.95	1	1	6.624382

TABLE: Bridge Super Rating AASHTORATE18 31 - SteelICompServ-Flx - Approach, Span 4-6										
Request	BridgeObj	BridgeCut	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	Unitless	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Type 3_serv	BOBJ1	26	72	Before	Interior Girder 1	72	0.95	1	1	8.117213
Type 3_serv	BOBJ1	26	72	Before	Interior Girder 2	72	0.95	1	1	8.130358
Type 3_serv	BOBJ1	26	72	Before	Interior Girder 3	72	0.95	1	1	7.829611
Type 3_serv	BOBJ1	26	72	Before	Interior Girder 4	72	0.95	1	1	7.826046
Type 3_serv	BOBJ1	26	72	Before	Interior Girder 5	72	0.95	1	1	8.120102
Type 3_serv	BOBJ1	26	72	Before	Interior Girder 6	72	0.95	1	1	8.120026
Type 3_serv	BOBJ1	26	72	Before	Right Exterior Girder	72	0.95	1	1	6.631051
Type 3_serv	BOBJ1	27	72	After	Left Exterior Girder	72	0.95	1	1	6.652696
Type 3_serv	BOBJ1	27	72	After	Interior Girder 1	72	0.95	1	1	8.028865
Type 3_serv	BOBJ1	27	72	After	Interior Girder 2	72	0.95	1	1	8.034123
Type 3_serv	BOBJ1	27	72	After	Interior Girder 3	72	0.95	1	1	7.777155
Type 3_serv	BOBJ1	27	72	After	Interior Girder 4	72	0.95	1	1	7.772944
Type 3_serv	BOBJ1	27	72	After	Interior Girder 5	72	0.95	1	1	8.023691
Type 3_serv	BOBJ1	27	72	After	Interior Girder 6	72	0.95	1	1	8.031778
Type 3_serv	BOBJ1	27	72	After	Right Exterior Girder	72	0.95	1	1	6.65954
Type 3_serv	BOBJ1	28	72.5	Before	Left Exterior Girder	72.5	0.95	1	1	6.460675
Type 3_serv	BOBJ1	28	72.5	Before	Right Exterior Girder	72.5	0.95	1	1	6.46746
Type 3_serv	BOBJ1	29	72.5	After	Left Exterior Girder	72.5	0.95	1	1	9.599676
Type 3_serv	BOBJ1	29	72.5	After	Right Exterior Girder	72.5	0.95	1	1	9.609885
Type 3_serv	BOBJ1	30	80	Before	Left Exterior Girder	80	0.95	1	1	7.045477
Type 3_serv	BOBJ1	30	80	Before	Interior Girder 1	80	0.95	1	1	5.653526
Type 3_serv	BOBJ1	30	80	Before	Interior Girder 2	80	0.95	1	1	5.326966
Type 3_serv	BOBJ1	30	80	Before	Interior Girder 3	80	0.95	1	1	4.522776
Type 3_serv	BOBJ1	30	80	Before	Interior Girder 4	80	0.95	1	1	4.530342
Type 3_serv	BOBJ1	30	80	Before	Interior Girder 5	80	0.95	1	1	5.315089
Type 3_serv	BOBJ1	30	80	Before	Interior Girder 6	80	0.95	1	1	5.656758
Type 3_serv	BOBJ1	30	80	Before	Right Exterior Girder	80	0.95	1	1	7.053896
Type 3_serv	BOBJ1	31	80	After	Left Exterior Girder	0	0.95	1	1	6.823414
Type 3_serv	BOBJ1	31	80	After	Interior Girder 1	0	0.95	1	1	5.501098
Type 3_serv	BOBJ1	31	80	After	Interior Girder 2	0	0.95	1	1	5.285245
Type 3_serv	BOBJ1	31	80	After	Interior Girder 3	0	0.95	1	1	4.49995
Type 3_serv	BOBJ1	31	80	After	Interior Girder 4	0	0.95	1	1	4.510527
Type 3_serv	BOBJ1	31	80	After	Interior Girder 5	0	0.95	1	1	5.275646
Type 3_serv	BOBJ1	31	80	After	Interior Girder 6	0	0.95	1	1	5.510653
Type 3_serv	BOBJ1	31	80	After	Right Exterior Girder	0	0.95	1	1	6.832725
Type 3_serv	BOBJ1	32	87.5	Before	Left Exterior Girder	7.5	0.95	1	1	10.328948
Type 3_serv	BOBJ1	32	87.5	Before	Right Exterior Girder	7.5	0.95	1	1	10.339549
Type 3_serv	BOBJ1	33	87.5	After	Left Exterior Girder	7.5	0.95	1	1	6.863412
Type 3_serv	BOBJ1	33	87.5	After	Right Exterior Girder	7.5	0.95	1	1	6.870278
Type 3_serv	BOBJ1	34	88	Before	Left Exterior Girder	8	0.95	1	1	7.038059
Type 3_serv	BOBJ1	34	88	Before	Interior Girder 1	8	0.95	1	1	8.018003
Type 3_serv	BOBJ1	34	88	Before	Interior Girder 2	8	0.95	1	1	7.941054
Type 3_serv	BOBJ1	34	88	Before	Interior Girder 3	8	0.95	1	1	7.571797
Type 3_serv	BOBJ1	34	88	Before	Interior Girder 4	8	0.95	1	1	7.567609
Type 3_serv	BOBJ1	34	88	Before	Interior Girder 5	8	0.95	1	1	7.930236
Type 3_serv	BOBJ1	34	88	Before	Interior Girder 6	8	0.95	1	1	8.020843
Type 3_serv	BOBJ1	34	88	Before	Right Exterior Girder	8	0.95	1	1	7.04499
Type 3_serv	BOBJ1	35	88	After	Left Exterior Girder	8	0.95	1	1	7.083443
Type 3_serv	BOBJ1	35	88	After	Interior Girder 1	8	0.95	1	1	8.037611
Type 3_serv	BOBJ1	35	88	After	Interior Girder 2	8	0.95	1	1	8.034039
Type 3_serv	BOBJ1	35	88	After	Interior Girder 3	8	0.95	1	1	7.624285
Type 3_serv	BOBJ1	35	88	After	Interior Girder 4	8	0.95	1	1	7.620876
Type 3_serv	BOBJ1	35	88	After	Interior Girder 5	8	0.95	1	1	8.023458
Type 3_serv	BOBJ1	35	88	After	Interior Girder 6	8	0.95	1	1	8.040265
Type 3_serv	BOBJ1	35	88	After	Right Exterior Girder	8	0.95	1	1	7.090196
Type 3_serv	BOBJ1	36	91	Before	Interior Girder 1	11	0.95	1	1	8.873512
Type 3_serv	BOBJ1	36	91	Before	Interior Girder 2	11	0.95	1	1	9.003255
Type 3_serv	BOBJ1	36	91	Before	Interior Girder 3	11	0.95	1	1	8.805616
Type 3_serv	BOBJ1	36	91	Before	Interior Girder 4	11	0.95	1	1	8.801298
Type 3_serv	BOBJ1	36	91	Before	Interior Girder 5	11	0.95	1	1	8.993165
Type 3_serv	BOBJ1	36	91	Before	Interior Girder 6	11	0.95	1	1	8.875456
Type 3_serv	BOBJ1	37	91	After	Interior Girder 1	11	0.95	1	1	3.922047
Type 3_serv	BOBJ1	37	91	After	Interior Girder 2	11	0.95	1	1	4.036507
Type 3_serv	BOBJ1	37	91	After	Interior Girder 3	11	0.95	1	1	3.91462
Type 3_serv	BOBJ1	37	91	After	Interior Girder 4	11	0.95	1	1	3.912978
Type 3_serv	BOBJ1	37	91	After	Interior Girder 5	11	0.95	1	1	4.031792
Type 3_serv	BOBJ1	37	91	After	Interior Girder 6	11	0.95	1	1	3.92308
Type 3_serv	BOBJ1	38	96	Before	Left Exterior Girder	16	0.95	1	1	9.876192
Type 3_serv	BOBJ1	38	96	Before	Interior Girder 1	16	0.95	1	1	4.984781
Type 3_serv	BOBJ1	38	96	Before	Interior Girder 2	16	0.95	1	1	5.216074
Type 3_serv	BOBJ1	38	96	Before	Interior Girder 3	16	0.95	1	1	5.412178
Type 3_serv	BOBJ1	38	96	Before	Interior Girder 4	16	0.95	1	1	5.40979
Type 3_serv	BOBJ1	38	96	Before	Interior Girder 5	16	0.95	1	1	5.211883

TABLE: Bridge Super Rating AASHTORATE18 31 - SteelICompServ-Flx - Approach, Span 4-6										
Request	BridgeObj	BridgeCut	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	Unitless	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Type 3_serv	BOBJ1	38	96	Before	Interior Girder 6	16	0.95	1	1	4.985197
Type 3_serv	BOBJ1	38	96	Before	Right Exterior Girder	16	0.95	1	1	9.883755
Type 3_serv	BOBJ1	39	96	After	Left Exterior Girder	16	0.95	1	1	4.666536
Type 3_serv	BOBJ1	39	96	After	Interior Girder 1	16	0.95	1	1	5.039763
Type 3_serv	BOBJ1	39	96	After	Interior Girder 2	16	0.95	1	1	5.227594
Type 3_serv	BOBJ1	39	96	After	Interior Girder 3	16	0.95	1	1	5.386869
Type 3_serv	BOBJ1	39	96	After	Interior Girder 4	16	0.95	1	1	5.384765
Type 3_serv	BOBJ1	39	96	After	Interior Girder 5	16	0.95	1	1	5.223006
Type 3_serv	BOBJ1	39	96	After	Interior Girder 6	16	0.95	1	1	5.040396
Type 3_serv	BOBJ1	39	96	After	Right Exterior Girder	16	0.95	1	1	4.67026
Type 3_serv	BOBJ1	40	104	Before	Left Exterior Girder	24	0.95	1	1	6.01847
Type 3_serv	BOBJ1	40	104	Before	Interior Girder 1	24	0.95	1	1	5.046645
Type 3_serv	BOBJ1	40	104	Before	Interior Girder 2	24	0.95	1	1	4.803947
Type 3_serv	BOBJ1	40	104	Before	Interior Girder 3	24	0.95	1	1	4.729359
Type 3_serv	BOBJ1	40	104	Before	Interior Girder 4	24	0.95	1	1	4.753968
Type 3_serv	BOBJ1	40	104	Before	Interior Girder 5	24	0.95	1	1	4.794181
Type 3_serv	BOBJ1	40	104	Before	Interior Girder 6	24	0.95	1	1	5.060423
Type 3_serv	BOBJ1	40	104	Before	Right Exterior Girder	24	0.95	1	1	6.024492
Type 3_serv	BOBJ1	41	104	After	Left Exterior Girder	24	0.95	1	1	6.173119
Type 3_serv	BOBJ1	41	104	After	Interior Girder 1	24	0.95	1	1	4.965927
Type 3_serv	BOBJ1	41	104	After	Interior Girder 2	24	0.95	1	1	4.789505
Type 3_serv	BOBJ1	41	104	After	Interior Girder 3	24	0.95	1	1	4.775261
Type 3_serv	BOBJ1	41	104	After	Interior Girder 4	24	0.95	1	1	4.802955
Type 3_serv	BOBJ1	41	104	After	Interior Girder 5	24	0.95	1	1	4.782696
Type 3_serv	BOBJ1	41	104	After	Interior Girder 6	24	0.95	1	1	4.979053
Type 3_serv	BOBJ1	41	104	After	Right Exterior Girder	24	0.95	1	1	6.178906
Type 3_serv	BOBJ1	42	112	Before	Left Exterior Girder	32	0.95	1	1	4.060054
Type 3_serv	BOBJ1	42	112	Before	Interior Girder 1	32	0.95	1	1	4.017206
Type 3_serv	BOBJ1	42	112	Before	Interior Girder 2	32	0.95	1	1	3.951965
Type 3_serv	BOBJ1	42	112	Before	Interior Girder 3	32	0.95	1	1	4.036454
Type 3_serv	BOBJ1	42	112	Before	Interior Girder 4	32	0.95	1	1	4.038312
Type 3_serv	BOBJ1	42	112	Before	Interior Girder 5	32	0.95	1	1	3.952804
Type 3_serv	BOBJ1	42	112	Before	Interior Girder 6	32	0.95	1	1	4.016438
Type 3_serv	BOBJ1	42	112	Before	Right Exterior Girder	32	0.95	1	1	4.065535
Type 3_serv	BOBJ1	43	112	After	Left Exterior Girder	32	0.95	1	1	4.120282
Type 3_serv	BOBJ1	43	112	After	Interior Girder 1	32	0.95	1	1	3.978996
Type 3_serv	BOBJ1	43	112	After	Interior Girder 2	32	0.95	1	1	3.938425
Type 3_serv	BOBJ1	43	112	After	Interior Girder 3	32	0.95	1	1	4.037585
Type 3_serv	BOBJ1	43	112	After	Interior Girder 4	32	0.95	1	1	4.039504
Type 3_serv	BOBJ1	43	112	After	Interior Girder 5	32	0.95	1	1	3.94066
Type 3_serv	BOBJ1	43	112	After	Interior Girder 6	32	0.95	1	1	3.978494
Type 3_serv	BOBJ1	43	112	After	Right Exterior Girder	32	0.95	1	1	4.125377
Type 3_serv	BOBJ1	44	120	Before	Left Exterior Girder	40	0.95	1	1	3.852104
Type 3_serv	BOBJ1	44	120	Before	Interior Girder 1	40	0.95	1	1	3.516584
Type 3_serv	BOBJ1	44	120	Before	Interior Girder 2	40	0.95	1	1	3.501966
Type 3_serv	BOBJ1	44	120	Before	Interior Girder 3	40	0.95	1	1	3.545651
Type 3_serv	BOBJ1	44	120	Before	Interior Girder 4	40	0.95	1	1	3.561643
Type 3_serv	BOBJ1	44	120	Before	Interior Girder 5	40	0.95	1	1	3.494099
Type 3_serv	BOBJ1	44	120	Before	Interior Girder 6	40	0.95	1	1	3.524212
Type 3_serv	BOBJ1	44	120	Before	Right Exterior Girder	40	0.95	1	1	3.855502
Type 3_serv	BOBJ1	45	120	After	Left Exterior Girder	40	0.95	1	1	3.857896
Type 3_serv	BOBJ1	45	120	After	Interior Girder 1	40	0.95	1	1	3.513382
Type 3_serv	BOBJ1	45	120	After	Interior Girder 2	40	0.95	1	1	3.500435
Type 3_serv	BOBJ1	45	120	After	Interior Girder 3	40	0.95	1	1	3.546159
Type 3_serv	BOBJ1	45	120	After	Interior Girder 4	40	0.95	1	1	3.562266
Type 3_serv	BOBJ1	45	120	After	Interior Girder 5	40	0.95	1	1	3.492447
Type 3_serv	BOBJ1	45	120	After	Interior Girder 6	40	0.95	1	1	3.520933
Type 3_serv	BOBJ1	45	120	After	Right Exterior Girder	40	0.95	1	1	3.861296
Type 3_serv	BOBJ1	46	128	Before	Left Exterior Girder	48	0.95	1	1	4.053226
Type 3_serv	BOBJ1	46	128	Before	Interior Girder 1	48	0.95	1	1	3.948884
Type 3_serv	BOBJ1	46	128	Before	Interior Girder 2	48	0.95	1	1	3.913524
Type 3_serv	BOBJ1	46	128	Before	Interior Girder 3	48	0.95	1	1	4.014905
Type 3_serv	BOBJ1	46	128	Before	Interior Girder 4	48	0.95	1	1	4.016777
Type 3_serv	BOBJ1	46	128	Before	Interior Girder 5	48	0.95	1	1	3.915671
Type 3_serv	BOBJ1	46	128	Before	Interior Girder 6	48	0.95	1	1	3.948365
Type 3_serv	BOBJ1	46	128	Before	Right Exterior Girder	48	0.95	1	1	4.058226
Type 3_serv	BOBJ1	47	128	After	Left Exterior Girder	48	0.95	1	1	4.002356
Type 3_serv	BOBJ1	47	128	After	Interior Girder 1	48	0.95	1	1	3.978513
Type 3_serv	BOBJ1	47	128	After	Interior Girder 2	48	0.95	1	1	3.926728
Type 3_serv	BOBJ1	47	128	After	Interior Girder 3	48	0.95	1	1	4.015414
Type 3_serv	BOBJ1	47	128	After	Interior Girder 4	48	0.95	1	1	4.017177
Type 3_serv	BOBJ1	47	128	After	Interior Girder 5	48	0.95	1	1	3.927483
Type 3_serv	BOBJ1	47	128	After	Interior Girder 6	48	0.95	1	1	3.977744

TABLE: Bridge Super Rating AASHTORATE18 31 - SteelICompServ-Flx - Approach, Span 4-6										
Request	BridgeObj	BridgeCut	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	Unitless	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Type 3_serv	BOBJ1	47	128	After	Right Exterior Girder	48	0.95	1	1	4.007735
Type 3_serv	BOBJ1	48	136	Before	Left Exterior Girder	56	0.95	1	1	5.957082
Type 3_serv	BOBJ1	48	136	Before	Interior Girder 1	56	0.95	1	1	4.888137
Type 3_serv	BOBJ1	48	136	Before	Interior Girder 2	56	0.95	1	1	4.731071
Type 3_serv	BOBJ1	48	136	Before	Interior Girder 3	56	0.95	1	1	4.724161
Type 3_serv	BOBJ1	48	136	Before	Interior Girder 4	56	0.95	1	1	4.751146
Type 3_serv	BOBJ1	48	136	Before	Interior Girder 5	56	0.95	1	1	4.724262
Type 3_serv	BOBJ1	48	136	Before	Interior Girder 6	56	0.95	1	1	4.900884
Type 3_serv	BOBJ1	48	136	Before	Right Exterior Girder	56	0.95	1	1	5.962683
Type 3_serv	BOBJ1	49	136	After	Left Exterior Girder	56	0.95	1	1	5.817845
Type 3_serv	BOBJ1	49	136	After	Interior Girder 1	56	0.95	1	1	4.960262
Type 3_serv	BOBJ1	49	136	After	Interior Girder 2	56	0.95	1	1	4.745902
Type 3_serv	BOBJ1	49	136	After	Interior Girder 3	56	0.95	1	1	4.682661
Type 3_serv	BOBJ1	49	136	After	Interior Girder 4	56	0.95	1	1	4.706593
Type 3_serv	BOBJ1	49	136	After	Interior Girder 5	56	0.95	1	1	4.736202
Type 3_serv	BOBJ1	49	136	After	Interior Girder 6	56	0.95	1	1	4.973608
Type 3_serv	BOBJ1	49	136	After	Right Exterior Girder	56	0.95	1	1	5.82365
Type 3_serv	BOBJ1	50	144	Before	Left Exterior Girder	64	0.95	1	1	4.603221
Type 3_serv	BOBJ1	50	144	Before	Interior Girder 1	64	0.95	1	1	4.950669
Type 3_serv	BOBJ1	50	144	Before	Interior Girder 2	64	0.95	1	1	5.179296
Type 3_serv	BOBJ1	50	144	Before	Interior Girder 3	64	0.95	1	1	5.381048
Type 3_serv	BOBJ1	50	144	Before	Interior Girder 4	64	0.95	1	1	5.379081
Type 3_serv	BOBJ1	50	144	Before	Interior Girder 5	64	0.95	1	1	5.175059
Type 3_serv	BOBJ1	50	144	Before	Interior Girder 6	64	0.95	1	1	4.951288
Type 3_serv	BOBJ1	50	144	Before	Right Exterior Girder	64	0.95	1	1	4.606729
Type 3_serv	BOBJ1	51	144	After	Left Exterior Girder	64	0.95	1	1	9.004382
Type 3_serv	BOBJ1	51	144	After	Interior Girder 1	64	0.95	1	1	4.884059
Type 3_serv	BOBJ1	51	144	After	Interior Girder 2	64	0.95	1	1	5.16186
Type 3_serv	BOBJ1	51	144	After	Interior Girder 3	64	0.95	1	1	5.401354
Type 3_serv	BOBJ1	51	144	After	Interior Girder 4	64	0.95	1	1	5.399084
Type 3_serv	BOBJ1	51	144	After	Interior Girder 5	64	0.95	1	1	5.157996
Type 3_serv	BOBJ1	51	144	After	Interior Girder 6	64	0.95	1	1	4.884495
Type 3_serv	BOBJ1	51	144	After	Right Exterior Girder	64	0.95	1	1	9.010978
Type 3_serv	BOBJ1	52	150	Before	Interior Girder 1	70	0.95	1	1	3.640548
Type 3_serv	BOBJ1	52	150	Before	Interior Girder 2	70	0.95	1	1	3.781131
Type 3_serv	BOBJ1	52	150	Before	Interior Girder 3	70	0.95	1	1	3.673141
Type 3_serv	BOBJ1	52	150	Before	Interior Girder 4	70	0.95	1	1	3.671622
Type 3_serv	BOBJ1	52	150	Before	Interior Girder 5	70	0.95	1	1	3.776767
Type 3_serv	BOBJ1	52	150	Before	Interior Girder 6	70	0.95	1	1	3.641558
Type 3_serv	BOBJ1	53	150	After	Interior Girder 1	70	0.95	1	1	7.883446
Type 3_serv	BOBJ1	53	150	After	Interior Girder 2	70	0.95	1	1	8.042466
Type 3_serv	BOBJ1	53	150	After	Interior Girder 3	70	0.95	1	1	7.880167
Type 3_serv	BOBJ1	53	150	After	Interior Girder 4	70	0.95	1	1	7.876353
Type 3_serv	BOBJ1	53	150	After	Interior Girder 5	70	0.95	1	1	8.033544
Type 3_serv	BOBJ1	53	150	After	Interior Girder 6	70	0.95	1	1	7.885265
Type 3_serv	BOBJ1	54	152	Before	Left Exterior Girder	72	0.95	1	1	6.358445
Type 3_serv	BOBJ1	54	152	Before	Interior Girder 1	72	0.95	1	1	7.334939
Type 3_serv	BOBJ1	54	152	Before	Interior Girder 2	72	0.95	1	1	7.439662
Type 3_serv	BOBJ1	54	152	Before	Interior Girder 3	72	0.95	1	1	7.146712
Type 3_serv	BOBJ1	54	152	Before	Interior Girder 4	72	0.95	1	1	7.143541
Type 3_serv	BOBJ1	54	152	Before	Interior Girder 5	72	0.95	1	1	7.430463
Type 3_serv	BOBJ1	54	152	Before	Interior Girder 6	72	0.95	1	1	7.337201
Type 3_serv	BOBJ1	54	152	Before	Right Exterior Girder	72	0.95	1	1	6.364256
Type 3_serv	BOBJ1	55	152	After	Left Exterior Girder	72	0.95	1	1	6.362597
Type 3_serv	BOBJ1	55	152	After	Interior Girder 1	72	0.95	1	1	7.301394
Type 3_serv	BOBJ1	55	152	After	Interior Girder 2	72	0.95	1	1	7.360922
Type 3_serv	BOBJ1	55	152	After	Interior Girder 3	72	0.95	1	1	7.101635
Type 3_serv	BOBJ1	55	152	After	Interior Girder 4	72	0.95	1	1	7.097781
Type 3_serv	BOBJ1	55	152	After	Interior Girder 5	72	0.95	1	1	7.3515
Type 3_serv	BOBJ1	55	152	After	Interior Girder 6	72	0.95	1	1	7.30374
Type 3_serv	BOBJ1	55	152	After	Right Exterior Girder	72	0.95	1	1	6.368575
Type 3_serv	BOBJ1	56	154	Before	Left Exterior Girder	74	0.95	1	1	5.70675
Type 3_serv	BOBJ1	56	154	Before	Right Exterior Girder	74	0.95	1	1	5.712454
Type 3_serv	BOBJ1	57	154	After	Left Exterior Girder	74	0.95	1	1	8.621396
Type 3_serv	BOBJ1	57	154	After	Right Exterior Girder	74	0.95	1	1	8.630183
Type 3_serv	BOBJ1	58	160	Before	Left Exterior Girder	80	0.95	1	1	6.322494
Type 3_serv	BOBJ1	58	160	Before	Interior Girder 1	80	0.95	1	1	5.188758
Type 3_serv	BOBJ1	58	160	Before	Interior Girder 2	80	0.95	1	1	5.029892
Type 3_serv	BOBJ1	58	160	Before	Interior Girder 3	80	0.95	1	1	4.291527
Type 3_serv	BOBJ1	58	160	Before	Interior Girder 4	80	0.95	1	1	4.301344
Type 3_serv	BOBJ1	58	160	Before	Interior Girder 5	80	0.95	1	1	5.020801
Type 3_serv	BOBJ1	58	160	Before	Interior Girder 6	80	0.95	1	1	5.191304
Type 3_serv	BOBJ1	58	160	Before	Right Exterior Girder	80	0.95	1	1	6.329523

TABLE: Bridge Super Rating AASHTORATE18 31 - SteelICompServ-Flx - Approach, Span 4-6										
Request	BridgeObj	BridgeCut	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	Unitless	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Type 3_serv	BOBJ1	59	160	After	Left Exterior Girder	0	0.95	1	1	6.25973
Type 3_serv	BOBJ1	59	160	After	Interior Girder 1	0	0.95	1	1	5.059491
Type 3_serv	BOBJ1	59	160	After	Interior Girder 2	0	0.95	1	1	4.897686
Type 3_serv	BOBJ1	59	160	After	Interior Girder 3	0	0.95	1	1	4.201057
Type 3_serv	BOBJ1	59	160	After	Interior Girder 4	0	0.95	1	1	4.207644
Type 3_serv	BOBJ1	59	160	After	Interior Girder 5	0	0.95	1	1	4.887257
Type 3_serv	BOBJ1	59	160	After	Interior Girder 6	0	0.95	1	1	5.067741
Type 3_serv	BOBJ1	59	160	After	Right Exterior Girder	0	0.95	1	1	6.267
Type 3_serv	BOBJ1	60	166	Before	Left Exterior Girder	6	0.95	1	1	8.754234
Type 3_serv	BOBJ1	60	166	Before	Right Exterior Girder	6	0.95	1	1	8.763937
Type 3_serv	BOBJ1	61	166	After	Left Exterior Girder	6	0.95	1	1	5.842398
Type 3_serv	BOBJ1	61	166	After	Right Exterior Girder	6	0.95	1	1	5.8488
Type 3_serv	BOBJ1	62	168	Before	Left Exterior Girder	8	0.95	1	1	6.525945
Type 3_serv	BOBJ1	62	168	Before	Interior Girder 1	8	0.95	1	1	7.817759
Type 3_serv	BOBJ1	62	168	Before	Interior Girder 2	8	0.95	1	1	7.847704
Type 3_serv	BOBJ1	62	168	Before	Interior Girder 3	8	0.95	1	1	7.59124
Type 3_serv	BOBJ1	62	168	Before	Interior Girder 4	8	0.95	1	1	7.587058
Type 3_serv	BOBJ1	62	168	Before	Interior Girder 5	8	0.95	1	1	7.837641
Type 3_serv	BOBJ1	62	168	Before	Interior Girder 6	8	0.95	1	1	7.8204
Type 3_serv	BOBJ1	62	168	Before	Right Exterior Girder	8	0.95	1	1	6.532689
Type 3_serv	BOBJ1	63	168	After	Left Exterior Girder	8	0.95	1	1	6.471678
Type 3_serv	BOBJ1	63	168	After	Interior Girder 1	8	0.95	1	1	7.919289
Type 3_serv	BOBJ1	63	168	After	Interior Girder 2	8	0.95	1	1	7.933978
Type 3_serv	BOBJ1	63	168	After	Interior Girder 3	8	0.95	1	1	7.639998
Type 3_serv	BOBJ1	63	168	After	Interior Girder 4	8	0.95	1	1	7.636395
Type 3_serv	BOBJ1	63	168	After	Interior Girder 5	8	0.95	1	1	7.924121
Type 3_serv	BOBJ1	63	168	After	Interior Girder 6	8	0.95	1	1	7.921887
Type 3_serv	BOBJ1	63	168	After	Right Exterior Girder	8	0.95	1	1	6.478231
Type 3_serv	BOBJ1	64	170	Before	Interior Girder 1	10	0.95	1	1	8.548362
Type 3_serv	BOBJ1	64	170	Before	Interior Girder 2	10	0.95	1	1	8.599087
Type 3_serv	BOBJ1	64	170	Before	Interior Girder 3	10	0.95	1	1	8.439622
Type 3_serv	BOBJ1	64	170	Before	Interior Girder 4	10	0.95	1	1	8.435486
Type 3_serv	BOBJ1	64	170	Before	Interior Girder 5	10	0.95	1	1	8.589507
Type 3_serv	BOBJ1	64	170	Before	Interior Girder 6	10	0.95	1	1	8.550479
Type 3_serv	BOBJ1	65	170	After	Interior Girder 1	10	0.95	1	1	4.210618
Type 3_serv	BOBJ1	65	170	After	Interior Girder 2	10	0.95	1	1	4.301881
Type 3_serv	BOBJ1	65	170	After	Interior Girder 3	10	0.95	1	1	4.17701
Type 3_serv	BOBJ1	65	170	After	Interior Girder 4	10	0.95	1	1	4.175158
Type 3_serv	BOBJ1	65	170	After	Interior Girder 5	10	0.95	1	1	4.296853
Type 3_serv	BOBJ1	65	170	After	Interior Girder 6	10	0.95	1	1	4.211866
Type 3_serv	BOBJ1	66	176	Before	Left Exterior Girder	16	0.95	1	1	8.989966
Type 3_serv	BOBJ1	66	176	Before	Interior Girder 1	16	0.95	1	1	5.755051
Type 3_serv	BOBJ1	66	176	Before	Interior Girder 2	16	0.95	1	1	5.95021
Type 3_serv	BOBJ1	66	176	Before	Interior Girder 3	16	0.95	1	1	6.178317
Type 3_serv	BOBJ1	66	176	Before	Interior Girder 4	16	0.95	1	1	6.175705
Type 3_serv	BOBJ1	66	176	Before	Interior Girder 5	16	0.95	1	1	5.945634
Type 3_serv	BOBJ1	66	176	Before	Interior Girder 6	16	0.95	1	1	5.755595
Type 3_serv	BOBJ1	66	176	Before	Right Exterior Girder	16	0.95	1	1	8.997323
Type 3_serv	BOBJ1	67	176	After	Left Exterior Girder	16	0.95	1	1	8.910938
Type 3_serv	BOBJ1	67	176	After	Interior Girder 1	16	0.95	1	1	5.81112
Type 3_serv	BOBJ1	67	176	After	Interior Girder 2	16	0.95	1	1	5.983376
Type 3_serv	BOBJ1	67	176	After	Interior Girder 3	16	0.95	1	1	6.181716
Type 3_serv	BOBJ1	67	176	After	Interior Girder 4	16	0.95	1	1	6.179427
Type 3_serv	BOBJ1	67	176	After	Interior Girder 5	16	0.95	1	1	5.97853
Type 3_serv	BOBJ1	67	176	After	Interior Girder 6	16	0.95	1	1	5.811859
Type 3_serv	BOBJ1	67	176	After	Right Exterior Girder	16	0.95	1	1	8.918268
Type 3_serv	BOBJ1	68	181	Before	Interior Girder 1	21	0.95	1	1	4.318078
Type 3_serv	BOBJ1	68	181	Before	Interior Girder 2	21	0.95	1	1	4.094906
Type 3_serv	BOBJ1	68	181	Before	Interior Girder 3	21	0.95	1	1	4.04959
Type 3_serv	BOBJ1	68	181	Before	Interior Girder 4	21	0.95	1	1	4.066891
Type 3_serv	BOBJ1	68	181	Before	Interior Girder 5	21	0.95	1	1	4.086864
Type 3_serv	BOBJ1	68	181	Before	Interior Girder 6	21	0.95	1	1	4.326044
Type 3_serv	BOBJ1	69	181	After	Interior Girder 1	21	0.95	1	1	6.936897
Type 3_serv	BOBJ1	69	181	After	Interior Girder 2	21	0.95	1	1	6.5149
Type 3_serv	BOBJ1	69	181	After	Interior Girder 3	21	0.95	1	1	6.589609
Type 3_serv	BOBJ1	69	181	After	Interior Girder 4	21	0.95	1	1	6.624143
Type 3_serv	BOBJ1	69	181	After	Interior Girder 5	21	0.95	1	1	6.502866
Type 3_serv	BOBJ1	69	181	After	Interior Girder 6	21	0.95	1	1	6.950303
Type 3_serv	BOBJ1	70	184	Before	Left Exterior Girder	24	0.95	1	1	5.952505
Type 3_serv	BOBJ1	70	184	Before	Interior Girder 1	24	0.95	1	1	5.742937
Type 3_serv	BOBJ1	70	184	Before	Interior Girder 2	24	0.95	1	1	5.502595
Type 3_serv	BOBJ1	70	184	Before	Interior Girder 3	24	0.95	1	1	5.554052
Type 3_serv	BOBJ1	70	184	Before	Interior Girder 4	24	0.95	1	1	5.577116

TABLE: Bridge Super Rating AASHTORATE18 31 - SteelICompServ-Flx - Approach, Span 4-6										
Request	BridgeObj	BridgeCut	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	Unitless	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Type 3_serv	BOBJ1	70	184	Before	Interior Girder 5	24	0.95	1	1	5.489847
Type 3_serv	BOBJ1	70	184	Before	Interior Girder 6	24	0.95	1	1	5.757058
Type 3_serv	BOBJ1	70	184	Before	Right Exterior Girder	24	0.95	1	1	5.95741
Type 3_serv	BOBJ1	71	184	After	Left Exterior Girder	24	0.95	1	1	6.022654
Type 3_serv	BOBJ1	71	184	After	Interior Girder 1	24	0.95	1	1	5.676362
Type 3_serv	BOBJ1	71	184	After	Interior Girder 2	24	0.95	1	1	5.501479
Type 3_serv	BOBJ1	71	184	After	Interior Girder 3	24	0.95	1	1	5.589256
Type 3_serv	BOBJ1	71	184	After	Interior Girder 4	24	0.95	1	1	5.616597
Type 3_serv	BOBJ1	71	184	After	Interior Girder 5	24	0.95	1	1	5.491169
Type 3_serv	BOBJ1	71	184	After	Interior Girder 6	24	0.95	1	1	5.689948
Type 3_serv	BOBJ1	71	184	After	Right Exterior Girder	24	0.95	1	1	6.026942
Type 3_serv	BOBJ1	72	192	Before	Left Exterior Girder	32	0.95	1	1	4.415232
Type 3_serv	BOBJ1	72	192	Before	Interior Girder 1	32	0.95	1	1	4.163439
Type 3_serv	BOBJ1	72	192	Before	Interior Girder 2	32	0.95	1	1	4.17598
Type 3_serv	BOBJ1	72	192	Before	Interior Girder 3	32	0.95	1	1	4.292321
Type 3_serv	BOBJ1	72	192	Before	Interior Girder 4	32	0.95	1	1	4.294818
Type 3_serv	BOBJ1	72	192	Before	Interior Girder 5	32	0.95	1	1	4.173077
Type 3_serv	BOBJ1	72	192	Before	Interior Girder 6	32	0.95	1	1	4.163081
Type 3_serv	BOBJ1	72	192	Before	Right Exterior Girder	32	0.95	1	1	4.420507
Type 3_serv	BOBJ1	73	192	After	Left Exterior Girder	32	0.95	1	1	4.448138
Type 3_serv	BOBJ1	73	192	After	Interior Girder 1	32	0.95	1	1	4.114408
Type 3_serv	BOBJ1	73	192	After	Interior Girder 2	32	0.95	1	1	4.160474
Type 3_serv	BOBJ1	73	192	After	Interior Girder 3	32	0.95	1	1	4.286534
Type 3_serv	BOBJ1	73	192	After	Interior Girder 4	32	0.95	1	1	4.289897
Type 3_serv	BOBJ1	73	192	After	Interior Girder 5	32	0.95	1	1	4.15945
Type 3_serv	BOBJ1	73	192	After	Interior Girder 6	32	0.95	1	1	4.11433
Type 3_serv	BOBJ1	73	192	After	Right Exterior Girder	32	0.95	1	1	4.45316
Type 3_serv	BOBJ1	74	200	Before	Left Exterior Girder	40	0.95	1	1	3.814953
Type 3_serv	BOBJ1	74	200	Before	Interior Girder 1	40	0.95	1	1	3.346436
Type 3_serv	BOBJ1	74	200	Before	Interior Girder 2	40	0.95	1	1	3.404961
Type 3_serv	BOBJ1	74	200	Before	Interior Girder 3	40	0.95	1	1	3.543595
Type 3_serv	BOBJ1	74	200	Before	Interior Girder 4	40	0.95	1	1	3.552027
Type 3_serv	BOBJ1	74	200	Before	Interior Girder 5	40	0.95	1	1	3.398148
Type 3_serv	BOBJ1	74	200	Before	Interior Girder 6	40	0.95	1	1	3.352559
Type 3_serv	BOBJ1	74	200	Before	Right Exterior Girder	40	0.95	1	1	3.818212
Type 3_serv	BOBJ1	75	200	After	Left Exterior Girder	40	0.95	1	1	3.838454
Type 3_serv	BOBJ1	75	200	After	Interior Girder 1	40	0.95	1	1	3.329831
Type 3_serv	BOBJ1	75	200	After	Interior Girder 2	40	0.95	1	1	3.402765
Type 3_serv	BOBJ1	75	200	After	Interior Girder 3	40	0.95	1	1	3.53948
Type 3_serv	BOBJ1	75	200	After	Interior Girder 4	40	0.95	1	1	3.552926
Type 3_serv	BOBJ1	75	200	After	Interior Girder 5	40	0.95	1	1	3.396026
Type 3_serv	BOBJ1	75	200	After	Interior Girder 6	40	0.95	1	1	3.33583
Type 3_serv	BOBJ1	75	200	After	Right Exterior Girder	40	0.95	1	1	3.841703
Type 3_serv	BOBJ1	76	208	Before	Left Exterior Girder	48	0.95	1	1	3.555019
Type 3_serv	BOBJ1	76	208	Before	Interior Girder 1	48	0.95	1	1	3.252605
Type 3_serv	BOBJ1	76	208	Before	Interior Girder 2	48	0.95	1	1	3.360838
Type 3_serv	BOBJ1	76	208	Before	Interior Girder 3	48	0.95	1	1	3.489709
Type 3_serv	BOBJ1	76	208	Before	Interior Girder 4	48	0.95	1	1	3.491559
Type 3_serv	BOBJ1	76	208	Before	Interior Girder 5	48	0.95	1	1	3.358906
Type 3_serv	BOBJ1	76	208	Before	Interior Girder 6	48	0.95	1	1	3.252521
Type 3_serv	BOBJ1	76	208	Before	Right Exterior Girder	48	0.95	1	1	3.55902
Type 3_serv	BOBJ1	77	208	After	Left Exterior Girder	48	0.95	1	1	3.539525
Type 3_serv	BOBJ1	77	208	After	Interior Girder 1	48	0.95	1	1	3.254941
Type 3_serv	BOBJ1	77	208	After	Interior Girder 2	48	0.95	1	1	3.36508
Type 3_serv	BOBJ1	77	208	After	Interior Girder 3	48	0.95	1	1	3.490358
Type 3_serv	BOBJ1	77	208	After	Interior Girder 4	48	0.95	1	1	3.49122
Type 3_serv	BOBJ1	77	208	After	Interior Girder 5	48	0.95	1	1	3.362891
Type 3_serv	BOBJ1	77	208	After	Interior Girder 6	48	0.95	1	1	3.254711
Type 3_serv	BOBJ1	77	208	After	Right Exterior Girder	48	0.95	1	1	3.543669
Type 3_serv	BOBJ1	78	216	Before	Left Exterior Girder	56	0.95	1	1	4.124262
Type 3_serv	BOBJ1	78	216	Before	Interior Girder 1	56	0.95	1	1	3.513642
Type 3_serv	BOBJ1	78	216	Before	Interior Girder 2	56	0.95	1	1	3.555787
Type 3_serv	BOBJ1	78	216	Before	Interior Girder 3	56	0.95	1	1	3.672263
Type 3_serv	BOBJ1	78	216	Before	Interior Girder 4	56	0.95	1	1	3.68606
Type 3_serv	BOBJ1	78	216	Before	Interior Girder 5	56	0.95	1	1	3.54836
Type 3_serv	BOBJ1	78	216	Before	Interior Girder 6	56	0.95	1	1	3.520289
Type 3_serv	BOBJ1	78	216	Before	Right Exterior Girder	56	0.95	1	1	4.127326
Type 3_serv	BOBJ1	79	216	After	Left Exterior Girder	56	0.95	1	1	4.070987
Type 3_serv	BOBJ1	79	216	After	Interior Girder 1	56	0.95	1	1	3.531262
Type 3_serv	BOBJ1	79	216	After	Interior Girder 2	56	0.95	1	1	3.559059
Type 3_serv	BOBJ1	79	216	After	Interior Girder 3	56	0.95	1	1	3.643568
Type 3_serv	BOBJ1	79	216	After	Interior Girder 4	56	0.95	1	1	3.651865
Type 3_serv	BOBJ1	79	216	After	Interior Girder 5	56	0.95	1	1	3.551416

TABLE: Bridge Super Rating AASHTORATE18 31 - SteelICompServ-Flx - Approach, Span 4-6										
Request	BridgeObj	BridgeCut	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	Unitless	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Type 3_serv	BOBJ1	79	216	After	Interior Girder 6	56	0.95	1	1	3.538119
Type 3_serv	BOBJ1	79	216	After	Right Exterior Girder	56	0.95	1	1	4.074289
Type 3_serv	BOBJ1	80	224	Before	Left Exterior Girder	64	0.95	1	1	5.33138
Type 3_serv	BOBJ1	80	224	Before	Interior Girder 1	64	0.95	1	1	4.828638
Type 3_serv	BOBJ1	80	224	Before	Interior Girder 2	64	0.95	1	1	4.750428
Type 3_serv	BOBJ1	80	224	Before	Interior Girder 3	64	0.95	1	1	4.898151
Type 3_serv	BOBJ1	80	224	Before	Interior Girder 4	64	0.95	1	1	4.901496
Type 3_serv	BOBJ1	80	224	Before	Interior Girder 5	64	0.95	1	1	4.7518
Type 3_serv	BOBJ1	80	224	Before	Interior Girder 6	64	0.95	1	1	4.82782
Type 3_serv	BOBJ1	80	224	Before	Right Exterior Girder	64	0.95	1	1	5.337062
Type 3_serv	BOBJ1	81	224	After	Left Exterior Girder	64	0.95	1	1	5.273562
Type 3_serv	BOBJ1	81	224	After	Interior Girder 1	64	0.95	1	1	4.888301
Type 3_serv	BOBJ1	81	224	After	Interior Girder 2	64	0.95	1	1	4.73688
Type 3_serv	BOBJ1	81	224	After	Interior Girder 3	64	0.95	1	1	4.796747
Type 3_serv	BOBJ1	81	224	After	Interior Girder 4	64	0.95	1	1	4.800306
Type 3_serv	BOBJ1	81	224	After	Interior Girder 5	64	0.95	1	1	4.736124
Type 3_serv	BOBJ1	81	224	After	Interior Girder 6	64	0.95	1	1	4.887527
Type 3_serv	BOBJ1	81	224	After	Right Exterior Girder	64	0.95	1	1	5.279657
Type 3_serv	BOBJ1	82	232	Before	Left Exterior Girder	72	0.95	1	1	9.627709
Type 3_serv	BOBJ1	82	232	Before	Interior Girder 1	72	0.95	1	1	8.438081
Type 3_serv	BOBJ1	82	232	Before	Interior Girder 2	72	0.95	1	1	7.976117
Type 3_serv	BOBJ1	82	232	Before	Interior Girder 3	72	0.95	1	1	7.948731
Type 3_serv	BOBJ1	82	232	Before	Interior Girder 4	72	0.95	1	1	7.990879
Type 3_serv	BOBJ1	82	232	Before	Interior Girder 5	72	0.95	1	1	7.964895
Type 3_serv	BOBJ1	82	232	Before	Interior Girder 6	72	0.95	1	1	8.461759
Type 3_serv	BOBJ1	82	232	Before	Right Exterior Girder	72	0.95	1	1	9.638207
Type 3_serv	BOBJ1	83	232	After	Left Exterior Girder	72	0.95	1	1	9.687664
Type 3_serv	BOBJ1	83	232	After	Interior Girder 1	72	0.95	1	1	8.393779
Type 3_serv	BOBJ1	83	232	After	Interior Girder 2	72	0.95	1	1	7.866708
Type 3_serv	BOBJ1	83	232	After	Interior Girder 3	72	0.95	1	1	7.6096
Type 3_serv	BOBJ1	83	232	After	Interior Girder 4	72	0.95	1	1	7.652992
Type 3_serv	BOBJ1	83	232	After	Interior Girder 5	72	0.95	1	1	7.848982
Type 3_serv	BOBJ1	83	232	After	Interior Girder 6	72	0.95	1	1	8.422661
Type 3_serv	BOBJ1	83	232	After	Right Exterior Girder	72	0.95	1	1	9.699815
Type 3_serv	BOBJ1	84	240	Before	Left Exterior Girder	80	0.95	1	1	76.787561
Type 3_serv	BOBJ1	84	240	Before	Interior Girder 1	80	0.95	1	1	45.464899
Type 3_serv	BOBJ1	84	240	Before	Interior Girder 2	80	0.95	1	1	37.966018
Type 3_serv	BOBJ1	84	240	Before	Interior Girder 3	80	0.95	1	1	26.216679
Type 3_serv	BOBJ1	84	240	Before	Interior Girder 4	80	0.95	1	1	26.498811
Type 3_serv	BOBJ1	84	240	Before	Interior Girder 5	80	0.95	1	1	37.561839
Type 3_serv	BOBJ1	84	240	Before	Interior Girder 6	80	0.95	1	1	45.464899
Type 3_serv	BOBJ1	84	240	Before	Right Exterior Girder	80	0.95	1	1	76.425311
Type 3S2_serv	BOBJ1	1	0	After	Left Exterior Girder	0	0.95	1	1	489.616884
Type 3S2_serv	BOBJ1	1	0	After	Interior Girder 1	0	0.95	1	1	549.1806
Type 3S2_serv	BOBJ1	1	0	After	Interior Girder 2	0	0.95	1	1	473.997774
Type 3S2_serv	BOBJ1	1	0	After	Interior Girder 3	0	0.95	1	1	287.906183
Type 3S2_serv	BOBJ1	1	0	After	Interior Girder 4	0	0.95	1	1	293.212887
Type 3S2_serv	BOBJ1	1	0	After	Interior Girder 5	0	0.95	1	1	476.549191
Type 3S2_serv	BOBJ1	1	0	After	Interior Girder 6	0	0.95	1	1	534.19892
Type 3S2_serv	BOBJ1	1	0	After	Right Exterior Girder	0	0.95	1	1	489.616883
Type 3S2_serv	BOBJ1	2	8	Before	Left Exterior Girder	8	0.95	1	1	8.202925
Type 3S2_serv	BOBJ1	2	8	Before	Interior Girder 1	8	0.95	1	1	8.160335
Type 3S2_serv	BOBJ1	2	8	Before	Interior Girder 2	8	0.95	1	1	7.840412
Type 3S2_serv	BOBJ1	2	8	Before	Interior Girder 3	8	0.95	1	1	7.383084
Type 3S2_serv	BOBJ1	2	8	Before	Interior Girder 4	8	0.95	1	1	7.423061
Type 3S2_serv	BOBJ1	2	8	Before	Interior Girder 5	8	0.95	1	1	7.824795
Type 3S2_serv	BOBJ1	2	8	Before	Interior Girder 6	8	0.95	1	1	8.188196
Type 3S2_serv	BOBJ1	2	8	Before	Right Exterior Girder	8	0.95	1	1	8.212813
Type 3S2_serv	BOBJ1	3	8	After	Left Exterior Girder	8	0.95	1	1	8.326387
Type 3S2_serv	BOBJ1	3	8	After	Interior Girder 1	8	0.95	1	1	8.039819
Type 3S2_serv	BOBJ1	3	8	After	Interior Girder 2	8	0.95	1	1	7.953173
Type 3S2_serv	BOBJ1	3	8	After	Interior Girder 3	8	0.95	1	1	7.683045
Type 3S2_serv	BOBJ1	3	8	After	Interior Girder 4	8	0.95	1	1	7.728566
Type 3S2_serv	BOBJ1	3	8	After	Interior Girder 5	8	0.95	1	1	7.938248
Type 3S2_serv	BOBJ1	3	8	After	Interior Girder 6	8	0.95	1	1	8.065458
Type 3S2_serv	BOBJ1	3	8	After	Right Exterior Girder	8	0.95	1	1	8.334609
Type 3S2_serv	BOBJ1	4	16	Before	Left Exterior Girder	16	0.95	1	1	4.495591
Type 3S2_serv	BOBJ1	4	16	Before	Interior Girder 1	16	0.95	1	1	4.894711
Type 3S2_serv	BOBJ1	4	16	Before	Interior Girder 2	16	0.95	1	1	4.75348
Type 3S2_serv	BOBJ1	4	16	Before	Interior Girder 3	16	0.95	1	1	4.747012
Type 3S2_serv	BOBJ1	4	16	Before	Interior Girder 4	16	0.95	1	1	4.750921
Type 3S2_serv	BOBJ1	4	16	Before	Interior Girder 5	16	0.95	1	1	4.758019
Type 3S2_serv	BOBJ1	4	16	Before	Interior Girder 6	16	0.95	1	1	4.895741

TABLE: Bridge Super Rating AASHTORATE18 31 - SteelICompServ-Flx - Approach, Span 4-6										
Request	BridgeObj	BridgeCut	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	Unitless	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Type 3S2_serv	BOBJ1	4	16	Before	Right Exterior Girder	16	0.95	1	1	4.501639
Type 3S2_serv	BOBJ1	5	16	After	Left Exterior Girder	16	0.95	1	1	4.548349
Type 3S2_serv	BOBJ1	5	16	After	Interior Girder 1	16	0.95	1	1	4.812518
Type 3S2_serv	BOBJ1	5	16	After	Interior Girder 2	16	0.95	1	1	4.766163
Type 3S2_serv	BOBJ1	5	16	After	Interior Girder 3	16	0.95	1	1	4.805868
Type 3S2_serv	BOBJ1	5	16	After	Interior Girder 4	16	0.95	1	1	4.80992
Type 3S2_serv	BOBJ1	5	16	After	Interior Girder 5	16	0.95	1	1	4.771344
Type 3S2_serv	BOBJ1	5	16	After	Interior Girder 6	16	0.95	1	1	4.813254
Type 3S2_serv	BOBJ1	5	16	After	Right Exterior Girder	16	0.95	1	1	4.55412
Type 3S2_serv	BOBJ1	6	20.5	Before	Left Exterior Girder	20.5	0.95	1	1	3.811279
Type 3S2_serv	BOBJ1	6	20.5	Before	Right Exterior Girder	20.5	0.95	1	1	3.815383
Type 3S2_serv	BOBJ1	7	20.5	After	Left Exterior Girder	20.5	0.95	1	1	4.55701
Type 3S2_serv	BOBJ1	7	20.5	After	Right Exterior Girder	20.5	0.95	1	1	4.561726
Type 3S2_serv	BOBJ1	8	24	Before	Left Exterior Girder	24	0.95	1	1	4.167092
Type 3S2_serv	BOBJ1	8	24	Before	Interior Girder 1	24	0.95	1	1	3.538295
Type 3S2_serv	BOBJ1	8	24	Before	Interior Girder 2	24	0.95	1	1	3.557513
Type 3S2_serv	BOBJ1	8	24	Before	Interior Girder 3	24	0.95	1	1	3.632931
Type 3S2_serv	BOBJ1	8	24	Before	Interior Girder 4	24	0.95	1	1	3.640147
Type 3S2_serv	BOBJ1	8	24	Before	Interior Girder 5	24	0.95	1	1	3.552088
Type 3S2_serv	BOBJ1	8	24	Before	Interior Girder 6	24	0.95	1	1	3.543166
Type 3S2_serv	BOBJ1	8	24	Before	Right Exterior Girder	24	0.95	1	1	4.171011
Type 3S2_serv	BOBJ1	9	24	After	Left Exterior Girder	24	0.95	1	1	4.163486
Type 3S2_serv	BOBJ1	9	24	After	Interior Girder 1	24	0.95	1	1	3.545359
Type 3S2_serv	BOBJ1	9	24	After	Interior Girder 2	24	0.95	1	1	3.557805
Type 3S2_serv	BOBJ1	9	24	After	Interior Girder 3	24	0.95	1	1	3.646521
Type 3S2_serv	BOBJ1	9	24	After	Interior Girder 4	24	0.95	1	1	3.653919
Type 3S2_serv	BOBJ1	9	24	After	Interior Girder 5	24	0.95	1	1	3.551471
Type 3S2_serv	BOBJ1	9	24	After	Interior Girder 6	24	0.95	1	1	3.550339
Type 3S2_serv	BOBJ1	9	24	After	Right Exterior Girder	24	0.95	1	1	4.167071
Type 3S2_serv	BOBJ1	10	32	Before	Left Exterior Girder	32	0.95	1	1	3.636975
Type 3S2_serv	BOBJ1	10	32	Before	Interior Girder 1	32	0.95	1	1	3.358166
Type 3S2_serv	BOBJ1	10	32	Before	Interior Girder 2	32	0.95	1	1	3.407273
Type 3S2_serv	BOBJ1	10	32	Before	Interior Girder 3	32	0.95	1	1	3.427519
Type 3S2_serv	BOBJ1	10	32	Before	Interior Girder 4	32	0.95	1	1	3.428926
Type 3S2_serv	BOBJ1	10	32	Before	Interior Girder 5	32	0.95	1	1	3.410111
Type 3S2_serv	BOBJ1	10	32	Before	Interior Girder 6	32	0.95	1	1	3.357055
Type 3S2_serv	BOBJ1	10	32	Before	Right Exterior Girder	32	0.95	1	1	3.640875
Type 3S2_serv	BOBJ1	11	32	After	Left Exterior Girder	32	0.95	1	1	3.652934
Type 3S2_serv	BOBJ1	11	32	After	Interior Girder 1	32	0.95	1	1	3.35519
Type 3S2_serv	BOBJ1	11	32	After	Interior Girder 2	32	0.95	1	1	3.400845
Type 3S2_serv	BOBJ1	11	32	After	Interior Girder 3	32	0.95	1	1	3.426875
Type 3S2_serv	BOBJ1	11	32	After	Interior Girder 4	32	0.95	1	1	3.427898
Type 3S2_serv	BOBJ1	11	32	After	Interior Girder 5	32	0.95	1	1	3.402278
Type 3S2_serv	BOBJ1	11	32	After	Interior Girder 6	32	0.95	1	1	3.354063
Type 3S2_serv	BOBJ1	11	32	After	Right Exterior Girder	32	0.95	1	1	3.656778
Type 3S2_serv	BOBJ1	12	40	Before	Left Exterior Girder	40	0.95	1	1	3.878679
Type 3S2_serv	BOBJ1	12	40	Before	Interior Girder 1	40	0.95	1	1	3.407451
Type 3S2_serv	BOBJ1	12	40	Before	Interior Girder 2	40	0.95	1	1	3.474693
Type 3S2_serv	BOBJ1	12	40	Before	Interior Girder 3	40	0.95	1	1	3.490387
Type 3S2_serv	BOBJ1	12	40	Before	Interior Girder 4	40	0.95	1	1	3.496598
Type 3S2_serv	BOBJ1	12	40	Before	Interior Girder 5	40	0.95	1	1	3.47195
Type 3S2_serv	BOBJ1	12	40	Before	Interior Girder 6	40	0.95	1	1	3.41181
Type 3S2_serv	BOBJ1	12	40	Before	Right Exterior Girder	40	0.95	1	1	3.882334
Type 3S2_serv	BOBJ1	13	40	After	Left Exterior Girder	40	0.95	1	1	3.88076
Type 3S2_serv	BOBJ1	13	40	After	Interior Girder 1	40	0.95	1	1	3.424432
Type 3S2_serv	BOBJ1	13	40	After	Interior Girder 2	40	0.95	1	1	3.474101
Type 3S2_serv	BOBJ1	13	40	After	Interior Girder 3	40	0.95	1	1	3.490512
Type 3S2_serv	BOBJ1	13	40	After	Interior Girder 4	40	0.95	1	1	3.498044
Type 3S2_serv	BOBJ1	13	40	After	Interior Girder 5	40	0.95	1	1	3.469815
Type 3S2_serv	BOBJ1	13	40	After	Interior Girder 6	40	0.95	1	1	3.428591
Type 3S2_serv	BOBJ1	13	40	After	Right Exterior Girder	40	0.95	1	1	3.884557
Type 3S2_serv	BOBJ1	14	46.5	Before	Left Exterior Girder	46.5	0.95	1	1	4.155491
Type 3S2_serv	BOBJ1	14	46.5	Before	Right Exterior Girder	46.5	0.95	1	1	4.1598
Type 3S2_serv	BOBJ1	15	46.5	After	Left Exterior Girder	46.5	0.95	1	1	3.576416
Type 3S2_serv	BOBJ1	15	46.5	After	Right Exterior Girder	46.5	0.95	1	1	3.58021
Type 3S2_serv	BOBJ1	16	48	Before	Left Exterior Girder	48	0.95	1	1	3.69425
Type 3S2_serv	BOBJ1	16	48	Before	Interior Girder 1	48	0.95	1	1	4.099606
Type 3S2_serv	BOBJ1	16	48	Before	Interior Girder 2	48	0.95	1	1	4.204779
Type 3S2_serv	BOBJ1	16	48	Before	Interior Girder 3	48	0.95	1	1	4.20407
Type 3S2_serv	BOBJ1	16	48	Before	Interior Girder 4	48	0.95	1	1	4.207366
Type 3S2_serv	BOBJ1	16	48	Before	Interior Girder 5	48	0.95	1	1	4.206203
Type 3S2_serv	BOBJ1	16	48	Before	Interior Girder 6	48	0.95	1	1	4.097973
Type 3S2_serv	BOBJ1	16	48	Before	Right Exterior Girder	48	0.95	1	1	3.698255

TABLE: Bridge Super Rating AASHTORATE18 31 - SteelICompServ-Flx - Approach, Span 4-6										
Request	BridgeObj	BridgeCut	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	Unitless	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Type 3S2_serv	BOBJ1	17	48	After	Left Exterior Girder	48	0.95	1	1	3.668338
Type 3S2_serv	BOBJ1	17	48	After	Interior Girder 1	48	0.95	1	1	4.150847
Type 3S2_serv	BOBJ1	17	48	After	Interior Girder 2	48	0.95	1	1	4.200189
Type 3S2_serv	BOBJ1	17	48	After	Interior Girder 3	48	0.95	1	1	4.187747
Type 3S2_serv	BOBJ1	17	48	After	Interior Girder 4	48	0.95	1	1	4.190511
Type 3S2_serv	BOBJ1	17	48	After	Interior Girder 5	48	0.95	1	1	4.20347
Type 3S2_serv	BOBJ1	17	48	After	Interior Girder 6	48	0.95	1	1	4.149192
Type 3S2_serv	BOBJ1	17	48	After	Right Exterior Girder	48	0.95	1	1	3.672494
Type 3S2_serv	BOBJ1	18	56	Before	Left Exterior Girder	56	0.95	1	1	5.096946
Type 3S2_serv	BOBJ1	18	56	Before	Interior Girder 1	56	0.95	1	1	5.658176
Type 3S2_serv	BOBJ1	18	56	Before	Interior Girder 2	56	0.95	1	1	5.562749
Type 3S2_serv	BOBJ1	18	56	Before	Interior Girder 3	56	0.95	1	1	5.717288
Type 3S2_serv	BOBJ1	18	56	Before	Interior Girder 4	56	0.95	1	1	5.740857
Type 3S2_serv	BOBJ1	18	56	Before	Interior Girder 5	56	0.95	1	1	5.557375
Type 3S2_serv	BOBJ1	18	56	Before	Interior Girder 6	56	0.95	1	1	5.666938
Type 3S2_serv	BOBJ1	18	56	Before	Right Exterior Girder	56	0.95	1	1	5.100372
Type 3S2_serv	BOBJ1	19	56	After	Left Exterior Girder	56	0.95	1	1	5.014682
Type 3S2_serv	BOBJ1	19	56	After	Interior Girder 1	56	0.95	1	1	5.76931
Type 3S2_serv	BOBJ1	19	56	After	Interior Girder 2	56	0.95	1	1	5.545499
Type 3S2_serv	BOBJ1	19	56	After	Interior Girder 3	56	0.95	1	1	5.630275
Type 3S2_serv	BOBJ1	19	56	After	Interior Girder 4	56	0.95	1	1	5.653424
Type 3S2_serv	BOBJ1	19	56	After	Interior Girder 5	56	0.95	1	1	5.53864
Type 3S2_serv	BOBJ1	19	56	After	Interior Girder 6	56	0.95	1	1	5.779968
Type 3S2_serv	BOBJ1	19	56	After	Right Exterior Girder	56	0.95	1	1	5.019072
Type 3S2_serv	BOBJ1	20	59	Before	Interior Girder 1	59	0.95	1	1	7.008386
Type 3S2_serv	BOBJ1	20	59	Before	Interior Girder 2	59	0.95	1	1	6.670514
Type 3S2_serv	BOBJ1	20	59	Before	Interior Girder 3	59	0.95	1	1	6.819945
Type 3S2_serv	BOBJ1	20	59	Before	Interior Girder 4	59	0.95	1	1	6.846306
Type 3S2_serv	BOBJ1	20	59	Before	Interior Girder 5	59	0.95	1	1	6.662315
Type 3S2_serv	BOBJ1	20	59	Before	Interior Girder 6	59	0.95	1	1	7.024416
Type 3S2_serv	BOBJ1	21	59	After	Interior Girder 1	59	0.95	1	1	4.033566
Type 3S2_serv	BOBJ1	21	59	After	Interior Girder 2	59	0.95	1	1	3.866899
Type 3S2_serv	BOBJ1	21	59	After	Interior Girder 3	59	0.95	1	1	3.844307
Type 3S2_serv	BOBJ1	21	59	After	Interior Girder 4	59	0.95	1	1	3.856471
Type 3S2_serv	BOBJ1	21	59	After	Interior Girder 5	59	0.95	1	1	3.862268
Type 3S2_serv	BOBJ1	21	59	After	Interior Girder 6	59	0.95	1	1	4.04299
Type 3S2_serv	BOBJ1	22	64	Before	Left Exterior Girder	64	0.95	1	1	7.270724
Type 3S2_serv	BOBJ1	22	64	Before	Interior Girder 1	64	0.95	1	1	4.545022
Type 3S2_serv	BOBJ1	22	64	Before	Interior Girder 2	64	0.95	1	1	4.659134
Type 3S2_serv	BOBJ1	22	64	Before	Interior Girder 3	64	0.95	1	1	4.835535
Type 3S2_serv	BOBJ1	22	64	Before	Interior Girder 4	64	0.95	1	1	4.833508
Type 3S2_serv	BOBJ1	22	64	Before	Interior Girder 5	64	0.95	1	1	4.655712
Type 3S2_serv	BOBJ1	22	64	Before	Interior Girder 6	64	0.95	1	1	4.545592
Type 3S2_serv	BOBJ1	22	64	Before	Right Exterior Girder	64	0.95	1	1	7.277045
Type 3S2_serv	BOBJ1	23	64	After	Left Exterior Girder	64	0.95	1	1	7.316052
Type 3S2_serv	BOBJ1	23	64	After	Interior Girder 1	64	0.95	1	1	4.511781
Type 3S2_serv	BOBJ1	23	64	After	Interior Girder 2	64	0.95	1	1	4.629661
Type 3S2_serv	BOBJ1	23	64	After	Interior Girder 3	64	0.95	1	1	4.835023
Type 3S2_serv	BOBJ1	23	64	After	Interior Girder 4	64	0.95	1	1	4.832816
Type 3S2_serv	BOBJ1	23	64	After	Interior Girder 5	64	0.95	1	1	4.626386
Type 3S2_serv	BOBJ1	23	64	After	Interior Girder 6	64	0.95	1	1	4.512307
Type 3S2_serv	BOBJ1	23	64	After	Right Exterior Girder	64	0.95	1	1	7.322345
Type 3S2_serv	BOBJ1	24	69	Before	Interior Girder 1	69	0.95	1	1	3.490103
Type 3S2_serv	BOBJ1	24	69	Before	Interior Girder 2	69	0.95	1	1	3.572177
Type 3S2_serv	BOBJ1	24	69	Before	Interior Girder 3	69	0.95	1	1	3.514279
Type 3S2_serv	BOBJ1	24	69	Before	Interior Girder 4	69	0.95	1	1	3.512768
Type 3S2_serv	BOBJ1	24	69	Before	Interior Girder 5	69	0.95	1	1	3.568561
Type 3S2_serv	BOBJ1	24	69	Before	Interior Girder 6	69	0.95	1	1	3.491064
Type 3S2_serv	BOBJ1	25	69	After	Interior Girder 1	69	0.95	1	1	7.337114
Type 3S2_serv	BOBJ1	25	69	After	Interior Girder 2	69	0.95	1	1	7.430599
Type 3S2_serv	BOBJ1	25	69	After	Interior Girder 3	69	0.95	1	1	7.378634
Type 3S2_serv	BOBJ1	25	69	After	Interior Girder 4	69	0.95	1	1	7.375254
Type 3S2_serv	BOBJ1	25	69	After	Interior Girder 5	69	0.95	1	1	7.423405
Type 3S2_serv	BOBJ1	25	69	After	Interior Girder 6	69	0.95	1	1	7.338861
Type 3S2_serv	BOBJ1	26	72	Before	Left Exterior Girder	72	0.95	1	1	5.391626
Type 3S2_serv	BOBJ1	26	72	Before	Interior Girder 1	72	0.95	1	1	6.586763
Type 3S2_serv	BOBJ1	26	72	Before	Interior Girder 2	72	0.95	1	1	6.631868
Type 3S2_serv	BOBJ1	26	72	Before	Interior Girder 3	72	0.95	1	1	6.40355
Type 3S2_serv	BOBJ1	26	72	Before	Interior Girder 4	72	0.95	1	1	6.400779
Type 3S2_serv	BOBJ1	26	72	Before	Interior Girder 5	72	0.95	1	1	6.624219
Type 3S2_serv	BOBJ1	26	72	Before	Interior Girder 6	72	0.95	1	1	6.589031
Type 3S2_serv	BOBJ1	26	72	Before	Right Exterior Girder	72	0.95	1	1	5.397262
Type 3S2_serv	BOBJ1	27	72	After	Left Exterior Girder	72	0.95	1	1	5.423904

TABLE: Bridge Super Rating AASHTORATE18 31 - SteelICompServ-Flx - Approach, Span 4-6										
Request	BridgeObj	BridgeCut	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	Unitless	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Type 3S2_serv	BOBJ1	27	72	After	Interior Girder 1	72	0.95	1	1	6.50459
Type 3S2_serv	BOBJ1	27	72	After	Interior Girder 2	72	0.95	1	1	6.554429
Type 3S2_serv	BOBJ1	27	72	After	Interior Girder 3	72	0.95	1	1	6.362409
Type 3S2_serv	BOBJ1	27	72	After	Interior Girder 4	72	0.95	1	1	6.360095
Type 3S2_serv	BOBJ1	27	72	After	Interior Girder 5	72	0.95	1	1	6.546179
Type 3S2_serv	BOBJ1	27	72	After	Interior Girder 6	72	0.95	1	1	6.507197
Type 3S2_serv	BOBJ1	27	72	After	Right Exterior Girder	72	0.95	1	1	5.429708
Type 3S2_serv	BOBJ1	28	72.5	Before	Left Exterior Girder	72.5	0.95	1	1	5.267096
Type 3S2_serv	BOBJ1	28	72.5	Before	Right Exterior Girder	72.5	0.95	1	1	5.272847
Type 3S2_serv	BOBJ1	29	72.5	After	Left Exterior Girder	72.5	0.95	1	1	7.83408
Type 3S2_serv	BOBJ1	29	72.5	After	Right Exterior Girder	72.5	0.95	1	1	7.842794
Type 3S2_serv	BOBJ1	30	80	Before	Left Exterior Girder	80	0.95	1	1	5.699428
Type 3S2_serv	BOBJ1	30	80	Before	Interior Girder 1	80	0.95	1	1	4.480324
Type 3S2_serv	BOBJ1	30	80	Before	Interior Girder 2	80	0.95	1	1	4.274362
Type 3S2_serv	BOBJ1	30	80	Before	Interior Girder 3	80	0.95	1	1	3.562391
Type 3S2_serv	BOBJ1	30	80	Before	Interior Girder 4	80	0.95	1	1	3.574504
Type 3S2_serv	BOBJ1	30	80	Before	Interior Girder 5	80	0.95	1	1	4.26331
Type 3S2_serv	BOBJ1	30	80	Before	Interior Girder 6	80	0.95	1	1	4.485722
Type 3S2_serv	BOBJ1	30	80	Before	Right Exterior Girder	80	0.95	1	1	5.706909
Type 3S2_serv	BOBJ1	31	80	After	Left Exterior Girder	0	0.95	1	1	5.571495
Type 3S2_serv	BOBJ1	31	80	After	Interior Girder 1	0	0.95	1	1	4.460267
Type 3S2_serv	BOBJ1	31	80	After	Interior Girder 2	0	0.95	1	1	4.270041
Type 3S2_serv	BOBJ1	31	80	After	Interior Girder 3	0	0.95	1	1	3.524478
Type 3S2_serv	BOBJ1	31	80	After	Interior Girder 4	0	0.95	1	1	3.537345
Type 3S2_serv	BOBJ1	31	80	After	Interior Girder 5	0	0.95	1	1	4.25895
Type 3S2_serv	BOBJ1	31	80	After	Interior Girder 6	0	0.95	1	1	4.468066
Type 3S2_serv	BOBJ1	31	80	After	Right Exterior Girder	0	0.95	1	1	5.578317
Type 3S2_serv	BOBJ1	32	87.5	Before	Left Exterior Girder	7.5	0.95	1	1	8.1701
Type 3S2_serv	BOBJ1	32	87.5	Before	Right Exterior Girder	7.5	0.95	1	1	8.179304
Type 3S2_serv	BOBJ1	33	87.5	After	Left Exterior Girder	7.5	0.95	1	1	5.423114
Type 3S2_serv	BOBJ1	33	87.5	After	Right Exterior Girder	7.5	0.95	1	1	5.429044
Type 3S2_serv	BOBJ1	34	88	Before	Left Exterior Girder	8	0.95	1	1	5.559658
Type 3S2_serv	BOBJ1	34	88	Before	Interior Girder 1	8	0.95	1	1	6.315231
Type 3S2_serv	BOBJ1	34	88	Before	Interior Girder 2	8	0.95	1	1	6.302176
Type 3S2_serv	BOBJ1	34	88	Before	Interior Girder 3	8	0.95	1	1	6.025141
Type 3S2_serv	BOBJ1	34	88	Before	Interior Girder 4	8	0.95	1	1	6.022337
Type 3S2_serv	BOBJ1	34	88	Before	Interior Girder 5	8	0.95	1	1	6.294246
Type 3S2_serv	BOBJ1	34	88	Before	Interior Girder 6	8	0.95	1	1	6.317079
Type 3S2_serv	BOBJ1	34	88	Before	Right Exterior Girder	8	0.95	1	1	5.565652
Type 3S2_serv	BOBJ1	35	88	After	Left Exterior Girder	8	0.95	1	1	5.581845
Type 3S2_serv	BOBJ1	35	88	After	Interior Girder 1	8	0.95	1	1	6.336995
Type 3S2_serv	BOBJ1	35	88	After	Interior Girder 2	8	0.95	1	1	6.370977
Type 3S2_serv	BOBJ1	35	88	After	Interior Girder 3	8	0.95	1	1	6.063237
Type 3S2_serv	BOBJ1	35	88	After	Interior Girder 4	8	0.95	1	1	6.060317
Type 3S2_serv	BOBJ1	35	88	After	Interior Girder 5	8	0.95	1	1	6.363749
Type 3S2_serv	BOBJ1	35	88	After	Interior Girder 6	8	0.95	1	1	6.338607
Type 3S2_serv	BOBJ1	35	88	After	Right Exterior Girder	8	0.95	1	1	5.587663
Type 3S2_serv	BOBJ1	36	91	Before	Interior Girder 1	11	0.95	1	1	6.983593
Type 3S2_serv	BOBJ1	36	91	Before	Interior Girder 2	11	0.95	1	1	7.11632
Type 3S2_serv	BOBJ1	36	91	Before	Interior Girder 3	11	0.95	1	1	6.990015
Type 3S2_serv	BOBJ1	36	91	Before	Interior Girder 4	11	0.95	1	1	6.986393
Type 3S2_serv	BOBJ1	36	91	Before	Interior Girder 5	11	0.95	1	1	7.109412
Type 3S2_serv	BOBJ1	36	91	Before	Interior Girder 6	11	0.95	1	1	6.984818
Type 3S2_serv	BOBJ1	37	91	After	Interior Girder 1	11	0.95	1	1	3.089288
Type 3S2_serv	BOBJ1	37	91	After	Interior Girder 2	11	0.95	1	1	3.19247
Type 3S2_serv	BOBJ1	37	91	After	Interior Girder 3	11	0.95	1	1	3.107053
Type 3S2_serv	BOBJ1	37	91	After	Interior Girder 4	11	0.95	1	1	3.105587
Type 3S2_serv	BOBJ1	37	91	After	Interior Girder 5	11	0.95	1	1	3.18928
Type 3S2_serv	BOBJ1	37	91	After	Interior Girder 6	11	0.95	1	1	3.089928
Type 3S2_serv	BOBJ1	38	96	Before	Left Exterior Girder	16	0.95	1	1	7.7792
Type 3S2_serv	BOBJ1	38	96	Before	Interior Girder 1	16	0.95	1	1	3.913279
Type 3S2_serv	BOBJ1	38	96	Before	Interior Girder 2	16	0.95	1	1	4.10001
Type 3S2_serv	BOBJ1	38	96	Before	Interior Girder 3	16	0.95	1	1	4.281363
Type 3S2_serv	BOBJ1	38	96	Before	Interior Girder 4	16	0.95	1	1	4.279318
Type 3S2_serv	BOBJ1	38	96	Before	Interior Girder 5	16	0.95	1	1	4.097168
Type 3S2_serv	BOBJ1	38	96	Before	Interior Girder 6	16	0.95	1	1	3.913594
Type 3S2_serv	BOBJ1	38	96	Before	Right Exterior Girder	16	0.95	1	1	7.785502
Type 3S2_serv	BOBJ1	39	96	After	Left Exterior Girder	16	0.95	1	1	3.674281
Type 3S2_serv	BOBJ1	39	96	After	Interior Girder 1	16	0.95	1	1	3.960951
Type 3S2_serv	BOBJ1	39	96	After	Interior Girder 2	16	0.95	1	1	4.115619
Type 3S2_serv	BOBJ1	39	96	After	Interior Girder 3	16	0.95	1	1	4.26195
Type 3S2_serv	BOBJ1	39	96	After	Interior Girder 4	16	0.95	1	1	4.259977
Type 3S2_serv	BOBJ1	39	96	After	Interior Girder 5	16	0.95	1	1	4.112565

TABLE: Bridge Super Rating AASHTORATE18 31 - SteelICompServ-Flx - Approach, Span 4-6										
Request	BridgeObj	BridgeCut	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	Unitless	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Type 3S2_serv	BOBJ1	39	96	After	Interior Girder 6	16	0.95	1	1	3.961361
Type 3S2_serv	BOBJ1	39	96	After	Right Exterior Girder	16	0.95	1	1	3.677389
Type 3S2_serv	BOBJ1	40	104	Before	Left Exterior Girder	24	0.95	1	1	5.52623
Type 3S2_serv	BOBJ1	40	104	Before	Interior Girder 1	24	0.95	1	1	4.947073
Type 3S2_serv	BOBJ1	40	104	Before	Interior Girder 2	24	0.95	1	1	4.722838
Type 3S2_serv	BOBJ1	40	104	Before	Interior Girder 3	24	0.95	1	1	4.706423
Type 3S2_serv	BOBJ1	40	104	Before	Interior Girder 4	24	0.95	1	1	4.724686
Type 3S2_serv	BOBJ1	40	104	Before	Interior Girder 5	24	0.95	1	1	4.715725
Type 3S2_serv	BOBJ1	40	104	Before	Interior Girder 6	24	0.95	1	1	4.959412
Type 3S2_serv	BOBJ1	40	104	Before	Right Exterior Girder	24	0.95	1	1	5.531591
Type 3S2_serv	BOBJ1	41	104	After	Left Exterior Girder	24	0.95	1	1	5.500821
Type 3S2_serv	BOBJ1	41	104	After	Interior Girder 1	24	0.95	1	1	4.840486
Type 3S2_serv	BOBJ1	41	104	After	Interior Girder 2	24	0.95	1	1	4.716063
Type 3S2_serv	BOBJ1	41	104	After	Interior Girder 3	24	0.95	1	1	4.787929
Type 3S2_serv	BOBJ1	41	104	After	Interior Girder 4	24	0.95	1	1	4.807637
Type 3S2_serv	BOBJ1	41	104	After	Interior Girder 5	24	0.95	1	1	4.709561
Type 3S2_serv	BOBJ1	41	104	After	Interior Girder 6	24	0.95	1	1	4.851931
Type 3S2_serv	BOBJ1	41	104	After	Right Exterior Girder	24	0.95	1	1	5.504776
Type 3S2_serv	BOBJ1	42	112	Before	Left Exterior Girder	32	0.95	1	1	3.640295
Type 3S2_serv	BOBJ1	42	112	Before	Interior Girder 1	32	0.95	1	1	3.766122
Type 3S2_serv	BOBJ1	42	112	Before	Interior Girder 2	32	0.95	1	1	3.788069
Type 3S2_serv	BOBJ1	42	112	Before	Interior Girder 3	32	0.95	1	1	3.78945
Type 3S2_serv	BOBJ1	42	112	Before	Interior Girder 4	32	0.95	1	1	3.79143
Type 3S2_serv	BOBJ1	42	112	Before	Interior Girder 5	32	0.95	1	1	3.790409
Type 3S2_serv	BOBJ1	42	112	Before	Interior Girder 6	32	0.95	1	1	3.763361
Type 3S2_serv	BOBJ1	42	112	Before	Right Exterior Girder	32	0.95	1	1	3.644535
Type 3S2_serv	BOBJ1	43	112	After	Left Exterior Girder	32	0.95	1	1	3.704083
Type 3S2_serv	BOBJ1	43	112	After	Interior Girder 1	32	0.95	1	1	3.722659
Type 3S2_serv	BOBJ1	43	112	After	Interior Girder 2	32	0.95	1	1	3.78226
Type 3S2_serv	BOBJ1	43	112	After	Interior Girder 3	32	0.95	1	1	3.799154
Type 3S2_serv	BOBJ1	43	112	After	Interior Girder 4	32	0.95	1	1	3.802155
Type 3S2_serv	BOBJ1	43	112	After	Interior Girder 5	32	0.95	1	1	3.78536
Type 3S2_serv	BOBJ1	43	112	After	Interior Girder 6	32	0.95	1	1	3.719573
Type 3S2_serv	BOBJ1	43	112	After	Right Exterior Girder	32	0.95	1	1	3.70821
Type 3S2_serv	BOBJ1	44	120	Before	Left Exterior Girder	40	0.95	1	1	3.437659
Type 3S2_serv	BOBJ1	44	120	Before	Interior Girder 1	40	0.95	1	1	3.335445
Type 3S2_serv	BOBJ1	44	120	Before	Interior Girder 2	40	0.95	1	1	3.380489
Type 3S2_serv	BOBJ1	44	120	Before	Interior Girder 3	40	0.95	1	1	3.394043
Type 3S2_serv	BOBJ1	44	120	Before	Interior Girder 4	40	0.95	1	1	3.402865
Type 3S2_serv	BOBJ1	44	120	Before	Interior Girder 5	40	0.95	1	1	3.376838
Type 3S2_serv	BOBJ1	44	120	Before	Interior Girder 6	40	0.95	1	1	3.340413
Type 3S2_serv	BOBJ1	44	120	Before	Right Exterior Girder	40	0.95	1	1	3.441025
Type 3S2_serv	BOBJ1	45	120	After	Left Exterior Girder	40	0.95	1	1	3.442796
Type 3S2_serv	BOBJ1	45	120	After	Interior Girder 1	40	0.95	1	1	3.331702
Type 3S2_serv	BOBJ1	45	120	After	Interior Girder 2	40	0.95	1	1	3.37865
Type 3S2_serv	BOBJ1	45	120	After	Interior Girder 3	40	0.95	1	1	3.394327
Type 3S2_serv	BOBJ1	45	120	After	Interior Girder 4	40	0.95	1	1	3.402958
Type 3S2_serv	BOBJ1	45	120	After	Interior Girder 5	40	0.95	1	1	3.374988
Type 3S2_serv	BOBJ1	45	120	After	Interior Girder 6	40	0.95	1	1	3.336626
Type 3S2_serv	BOBJ1	45	120	After	Right Exterior Girder	40	0.95	1	1	3.446161
Type 3S2_serv	BOBJ1	46	128	Before	Left Exterior Girder	48	0.95	1	1	3.642679
Type 3S2_serv	BOBJ1	46	128	Before	Interior Girder 1	48	0.95	1	1	3.691976
Type 3S2_serv	BOBJ1	46	128	Before	Interior Girder 2	48	0.95	1	1	3.755521
Type 3S2_serv	BOBJ1	46	128	Before	Interior Girder 3	48	0.95	1	1	3.775345
Type 3S2_serv	BOBJ1	46	128	Before	Interior Girder 4	48	0.95	1	1	3.778196
Type 3S2_serv	BOBJ1	46	128	Before	Interior Girder 5	48	0.95	1	1	3.75846
Type 3S2_serv	BOBJ1	46	128	Before	Interior Girder 6	48	0.95	1	1	3.689206
Type 3S2_serv	BOBJ1	46	128	Before	Right Exterior Girder	48	0.95	1	1	3.646728
Type 3S2_serv	BOBJ1	47	128	After	Left Exterior Girder	48	0.95	1	1	3.588909
Type 3S2_serv	BOBJ1	47	128	After	Interior Girder 1	48	0.95	1	1	3.726245
Type 3S2_serv	BOBJ1	47	128	After	Interior Girder 2	48	0.95	1	1	3.760761
Type 3S2_serv	BOBJ1	47	128	After	Interior Girder 3	48	0.95	1	1	3.767423
Type 3S2_serv	BOBJ1	47	128	After	Interior Girder 4	48	0.95	1	1	3.769366
Type 3S2_serv	BOBJ1	47	128	After	Interior Girder 5	48	0.95	1	1	3.76298
Type 3S2_serv	BOBJ1	47	128	After	Interior Girder 6	48	0.95	1	1	3.723923
Type 3S2_serv	BOBJ1	47	128	After	Right Exterior Girder	48	0.95	1	1	3.593075
Type 3S2_serv	BOBJ1	48	136	Before	Left Exterior Girder	56	0.95	1	1	5.397083
Type 3S2_serv	BOBJ1	48	136	Before	Interior Girder 1	56	0.95	1	1	4.747451
Type 3S2_serv	BOBJ1	48	136	Before	Interior Girder 2	56	0.95	1	1	4.642858
Type 3S2_serv	BOBJ1	48	136	Before	Interior Girder 3	56	0.95	1	1	4.719915
Type 3S2_serv	BOBJ1	48	136	Before	Interior Girder 4	56	0.95	1	1	4.739177
Type 3S2_serv	BOBJ1	48	136	Before	Interior Girder 5	56	0.95	1	1	4.636439
Type 3S2_serv	BOBJ1	48	136	Before	Interior Girder 6	56	0.95	1	1	4.759147

TABLE: Bridge Super Rating AASHTORATE18 31 - SteelICompServ-Flx - Approach, Span 4-6										
Request	BridgeObj	BridgeCut	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	Unitless	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Type 3S2_serv	BOBJ1	48	136	Before	Right Exterior Girder	56	0.95	1	1	5.40081
Type 3S2_serv	BOBJ1	49	136	After	Left Exterior Girder	56	0.95	1	1	5.328133
Type 3S2_serv	BOBJ1	49	136	After	Interior Girder 1	56	0.95	1	1	4.842159
Type 3S2_serv	BOBJ1	49	136	After	Interior Girder 2	56	0.95	1	1	4.649514
Type 3S2_serv	BOBJ1	49	136	After	Interior Girder 3	56	0.95	1	1	4.644044
Type 3S2_serv	BOBJ1	49	136	After	Interior Girder 4	56	0.95	1	1	4.662134
Type 3S2_serv	BOBJ1	49	136	After	Interior Girder 5	56	0.95	1	1	4.642511
Type 3S2_serv	BOBJ1	49	136	After	Interior Girder 6	56	0.95	1	1	4.854676
Type 3S2_serv	BOBJ1	49	136	After	Right Exterior Girder	56	0.95	1	1	5.333284
Type 3S2_serv	BOBJ1	50	144	Before	Left Exterior Girder	64	0.95	1	1	3.630173
Type 3S2_serv	BOBJ1	50	144	Before	Interior Girder 1	64	0.95	1	1	3.890867
Type 3S2_serv	BOBJ1	50	144	Before	Interior Girder 2	64	0.95	1	1	4.072922
Type 3S2_serv	BOBJ1	50	144	Before	Interior Girder 3	64	0.95	1	1	4.259355
Type 3S2_serv	BOBJ1	50	144	Before	Interior Girder 4	64	0.95	1	1	4.257669
Type 3S2_serv	BOBJ1	50	144	Before	Interior Girder 5	64	0.95	1	1	4.070045
Type 3S2_serv	BOBJ1	50	144	Before	Interior Girder 6	64	0.95	1	1	3.891278
Type 3S2_serv	BOBJ1	50	144	Before	Right Exterior Girder	64	0.95	1	1	3.633086
Type 3S2_serv	BOBJ1	51	144	After	Left Exterior Girder	64	0.95	1	1	7.10354
Type 3S2_serv	BOBJ1	51	144	After	Interior Girder 1	64	0.95	1	1	3.835035
Type 3S2_serv	BOBJ1	51	144	After	Interior Girder 2	64	0.95	1	1	4.052192
Type 3S2_serv	BOBJ1	51	144	After	Interior Girder 3	64	0.95	1	1	4.275637
Type 3S2_serv	BOBJ1	51	144	After	Interior Girder 4	64	0.95	1	1	4.273739
Type 3S2_serv	BOBJ1	51	144	After	Interior Girder 5	64	0.95	1	1	4.049505
Type 3S2_serv	BOBJ1	51	144	After	Interior Girder 6	64	0.95	1	1	3.835367
Type 3S2_serv	BOBJ1	51	144	After	Right Exterior Girder	64	0.95	1	1	7.109009
Type 3S2_serv	BOBJ1	52	150	Before	Interior Girder 1	70	0.95	1	1	2.868103
Type 3S2_serv	BOBJ1	52	150	Before	Interior Girder 2	70	0.95	1	1	2.990059
Type 3S2_serv	BOBJ1	52	150	Before	Interior Girder 3	70	0.95	1	1	2.916147
Type 3S2_serv	BOBJ1	52	150	Before	Interior Girder 4	70	0.95	1	1	2.914867
Type 3S2_serv	BOBJ1	52	150	Before	Interior Girder 5	70	0.95	1	1	2.987019
Type 3S2_serv	BOBJ1	52	150	Before	Interior Girder 6	70	0.95	1	1	2.868726
Type 3S2_serv	BOBJ1	53	150	After	Interior Girder 1	70	0.95	1	1	6.207349
Type 3S2_serv	BOBJ1	53	150	After	Interior Girder 2	70	0.95	1	1	6.354959
Type 3S2_serv	BOBJ1	53	150	After	Interior Girder 3	70	0.95	1	1	6.257912
Type 3S2_serv	BOBJ1	53	150	After	Interior Girder 4	70	0.95	1	1	6.25489
Type 3S2_serv	BOBJ1	53	150	After	Interior Girder 5	70	0.95	1	1	6.348663
Type 3S2_serv	BOBJ1	53	150	After	Interior Girder 6	70	0.95	1	1	6.208523
Type 3S2_serv	BOBJ1	54	152	Before	Left Exterior Girder	72	0.95	1	1	5.018302
Type 3S2_serv	BOBJ1	54	152	Before	Interior Girder 1	72	0.95	1	1	5.781658
Type 3S2_serv	BOBJ1	54	152	Before	Interior Girder 2	72	0.95	1	1	5.890179
Type 3S2_serv	BOBJ1	54	152	Before	Interior Girder 3	72	0.95	1	1	5.681357
Type 3S2_serv	BOBJ1	54	152	Before	Interior Girder 4	72	0.95	1	1	5.678688
Type 3S2_serv	BOBJ1	54	152	Before	Interior Girder 5	72	0.95	1	1	5.88371
Type 3S2_serv	BOBJ1	54	152	Before	Interior Girder 6	72	0.95	1	1	5.783057
Type 3S2_serv	BOBJ1	54	152	Before	Right Exterior Girder	72	0.95	1	1	5.023321
Type 3S2_serv	BOBJ1	55	152	After	Left Exterior Girder	72	0.95	1	1	5.033453
Type 3S2_serv	BOBJ1	55	152	After	Interior Girder 1	72	0.95	1	1	5.749932
Type 3S2_serv	BOBJ1	55	152	After	Interior Girder 2	72	0.95	1	1	5.831406
Type 3S2_serv	BOBJ1	55	152	After	Interior Girder 3	72	0.95	1	1	5.648962
Type 3S2_serv	BOBJ1	55	152	After	Interior Girder 4	72	0.95	1	1	5.646441
Type 3S2_serv	BOBJ1	55	152	After	Interior Girder 5	72	0.95	1	1	5.824546
Type 3S2_serv	BOBJ1	55	152	After	Interior Girder 6	72	0.95	1	1	5.751474
Type 3S2_serv	BOBJ1	55	152	After	Right Exterior Girder	72	0.95	1	1	5.038634
Type 3S2_serv	BOBJ1	56	154	Before	Left Exterior Girder	74	0.95	1	1	4.516539
Type 3S2_serv	BOBJ1	56	154	Before	Right Exterior Girder	74	0.95	1	1	4.521463
Type 3S2_serv	BOBJ1	57	154	After	Left Exterior Girder	74	0.95	1	1	6.829604
Type 3S2_serv	BOBJ1	57	154	After	Right Exterior Girder	74	0.95	1	1	6.837228
Type 3S2_serv	BOBJ1	58	160	Before	Left Exterior Girder	80	0.95	1	1	5.156733
Type 3S2_serv	BOBJ1	58	160	Before	Interior Girder 1	80	0.95	1	1	4.140624
Type 3S2_serv	BOBJ1	58	160	Before	Interior Girder 2	80	0.95	1	1	3.985572
Type 3S2_serv	BOBJ1	58	160	Before	Interior Girder 3	80	0.95	1	1	3.322225
Type 3S2_serv	BOBJ1	58	160	Before	Interior Girder 4	80	0.95	1	1	3.335296
Type 3S2_serv	BOBJ1	58	160	Before	Interior Girder 5	80	0.95	1	1	3.975252
Type 3S2_serv	BOBJ1	58	160	Before	Interior Girder 6	80	0.95	1	1	4.142141
Type 3S2_serv	BOBJ1	58	160	Before	Right Exterior Girder	80	0.95	1	1	5.163055
Type 3S2_serv	BOBJ1	59	160	After	Left Exterior Girder	0	0.95	1	1	5.022817
Type 3S2_serv	BOBJ1	59	160	After	Interior Girder 1	0	0.95	1	1	3.970043
Type 3S2_serv	BOBJ1	59	160	After	Interior Girder 2	0	0.95	1	1	3.940665
Type 3S2_serv	BOBJ1	59	160	After	Interior Girder 3	0	0.95	1	1	3.31996
Type 3S2_serv	BOBJ1	59	160	After	Interior Girder 4	0	0.95	1	1	3.332146
Type 3S2_serv	BOBJ1	59	160	After	Interior Girder 5	0	0.95	1	1	3.930723
Type 3S2_serv	BOBJ1	59	160	After	Interior Girder 6	0	0.95	1	1	3.974571
Type 3S2_serv	BOBJ1	59	160	After	Right Exterior Girder	0	0.95	1	1	5.029594

TABLE: Bridge Super Rating AASHTORATE18 31 - SteelICompServ-Flx - Approach, Span 4-6										
Request	BridgeObj	BridgeCut	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	Unitless	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Type 3S2_serv	BOBJ1	60	166	Before	Left Exterior Girder	6	0.95	1	1	7.155794
Type 3S2_serv	BOBJ1	60	166	Before	Right Exterior Girder	6	0.95	1	1	7.164121
Type 3S2_serv	BOBJ1	61	166	After	Left Exterior Girder	6	0.95	1	1	4.77139
Type 3S2_serv	BOBJ1	61	166	After	Right Exterior Girder	6	0.95	1	1	4.776845
Type 3S2_serv	BOBJ1	62	168	Before	Left Exterior Girder	8	0.95	1	1	5.329671
Type 3S2_serv	BOBJ1	62	168	Before	Interior Girder 1	8	0.95	1	1	6.336815
Type 3S2_serv	BOBJ1	62	168	Before	Interior Girder 2	8	0.95	1	1	6.403382
Type 3S2_serv	BOBJ1	62	168	Before	Interior Girder 3	8	0.95	1	1	6.207737
Type 3S2_serv	BOBJ1	62	168	Before	Interior Girder 4	8	0.95	1	1	6.205475
Type 3S2_serv	BOBJ1	62	168	Before	Interior Girder 5	8	0.95	1	1	6.395346
Type 3S2_serv	BOBJ1	62	168	Before	Interior Girder 6	8	0.95	1	1	6.339213
Type 3S2_serv	BOBJ1	62	168	Before	Right Exterior Girder	8	0.95	1	1	5.335418
Type 3S2_serv	BOBJ1	63	168	After	Left Exterior Girder	8	0.95	1	1	5.276178
Type 3S2_serv	BOBJ1	63	168	After	Interior Girder 1	8	0.95	1	1	6.430519
Type 3S2_serv	BOBJ1	63	168	After	Interior Girder 2	8	0.95	1	1	6.473264
Type 3S2_serv	BOBJ1	63	168	After	Interior Girder 3	8	0.95	1	1	6.246013
Type 3S2_serv	BOBJ1	63	168	After	Interior Girder 4	8	0.95	1	1	6.242849
Type 3S2_serv	BOBJ1	63	168	After	Interior Girder 5	8	0.95	1	1	6.465885
Type 3S2_serv	BOBJ1	63	168	After	Interior Girder 6	8	0.95	1	1	6.432629
Type 3S2_serv	BOBJ1	63	168	After	Right Exterior Girder	8	0.95	1	1	5.281932
Type 3S2_serv	BOBJ1	64	170	Before	Interior Girder 1	10	0.95	1	1	6.935789
Type 3S2_serv	BOBJ1	64	170	Before	Interior Girder 2	10	0.95	1	1	7.000961
Type 3S2_serv	BOBJ1	64	170	Before	Interior Girder 3	10	0.95	1	1	6.892124
Type 3S2_serv	BOBJ1	64	170	Before	Interior Girder 4	10	0.95	1	1	6.88883
Type 3S2_serv	BOBJ1	64	170	Before	Interior Girder 5	10	0.95	1	1	6.993775
Type 3S2_serv	BOBJ1	64	170	Before	Interior Girder 6	10	0.95	1	1	6.937643
Type 3S2_serv	BOBJ1	65	170	After	Interior Girder 1	10	0.95	1	1	3.417461
Type 3S2_serv	BOBJ1	65	170	After	Interior Girder 2	10	0.95	1	1	3.505014
Type 3S2_serv	BOBJ1	65	170	After	Interior Girder 3	10	0.95	1	1	3.410379
Type 3S2_serv	BOBJ1	65	170	After	Interior Girder 4	10	0.95	1	1	3.40876
Type 3S2_serv	BOBJ1	65	170	After	Interior Girder 5	10	0.95	1	1	3.50129
Type 3S2_serv	BOBJ1	65	170	After	Interior Girder 6	10	0.95	1	1	3.418459
Type 3S2_serv	BOBJ1	66	176	Before	Left Exterior Girder	16	0.95	1	1	7.322744
Type 3S2_serv	BOBJ1	66	176	Before	Interior Girder 1	16	0.95	1	1	4.659099
Type 3S2_serv	BOBJ1	66	176	Before	Interior Girder 2	16	0.95	1	1	4.809247
Type 3S2_serv	BOBJ1	66	176	Before	Interior Girder 3	16	0.95	1	1	5.031155
Type 3S2_serv	BOBJ1	66	176	Before	Interior Girder 4	16	0.95	1	1	5.028887
Type 3S2_serv	BOBJ1	66	176	Before	Interior Girder 5	16	0.95	1	1	4.805878
Type 3S2_serv	BOBJ1	66	176	Before	Interior Girder 6	16	0.95	1	1	4.65964
Type 3S2_serv	BOBJ1	66	176	Before	Right Exterior Girder	16	0.95	1	1	7.328974
Type 3S2_serv	BOBJ1	67	176	After	Left Exterior Girder	16	0.95	1	1	7.255568
Type 3S2_serv	BOBJ1	67	176	After	Interior Girder 1	16	0.95	1	1	4.707063
Type 3S2_serv	BOBJ1	67	176	After	Interior Girder 2	16	0.95	1	1	4.843073
Type 3S2_serv	BOBJ1	67	176	After	Interior Girder 3	16	0.95	1	1	5.032431
Type 3S2_serv	BOBJ1	67	176	After	Interior Girder 4	16	0.95	1	1	5.030358
Type 3S2_serv	BOBJ1	67	176	After	Interior Girder 5	16	0.95	1	1	4.839572
Type 3S2_serv	BOBJ1	67	176	After	Interior Girder 6	16	0.95	1	1	4.707687
Type 3S2_serv	BOBJ1	67	176	After	Right Exterior Girder	16	0.95	1	1	7.261774
Type 3S2_serv	BOBJ1	68	181	Before	Interior Girder 1	21	0.95	1	1	4.115455
Type 3S2_serv	BOBJ1	68	181	Before	Interior Girder 2	21	0.95	1	1	3.92395
Type 3S2_serv	BOBJ1	68	181	Before	Interior Girder 3	21	0.95	1	1	3.927921
Type 3S2_serv	BOBJ1	68	181	Before	Interior Girder 4	21	0.95	1	1	3.942564
Type 3S2_serv	BOBJ1	68	181	Before	Interior Girder 5	21	0.95	1	1	3.919198
Type 3S2_serv	BOBJ1	68	181	Before	Interior Girder 6	21	0.95	1	1	4.124901
Type 3S2_serv	BOBJ1	69	181	After	Interior Girder 1	21	0.95	1	1	6.583652
Type 3S2_serv	BOBJ1	69	181	After	Interior Girder 2	21	0.95	1	1	6.233029
Type 3S2_serv	BOBJ1	69	181	After	Interior Girder 3	21	0.95	1	1	6.39829
Type 3S2_serv	BOBJ1	69	181	After	Interior Girder 4	21	0.95	1	1	6.42359
Type 3S2_serv	BOBJ1	69	181	After	Interior Girder 5	21	0.95	1	1	6.223841
Type 3S2_serv	BOBJ1	69	181	After	Interior Girder 6	21	0.95	1	1	6.598485
Type 3S2_serv	BOBJ1	70	184	Before	Left Exterior Girder	24	0.95	1	1	5.21399
Type 3S2_serv	BOBJ1	70	184	Before	Interior Girder 1	24	0.95	1	1	5.346304
Type 3S2_serv	BOBJ1	70	184	Before	Interior Girder 2	24	0.95	1	1	5.151091
Type 3S2_serv	BOBJ1	70	184	Before	Interior Girder 3	24	0.95	1	1	5.262758
Type 3S2_serv	BOBJ1	70	184	Before	Interior Girder 4	24	0.95	1	1	5.284757
Type 3S2_serv	BOBJ1	70	184	Before	Interior Girder 5	24	0.95	1	1	5.143595
Type 3S2_serv	BOBJ1	70	184	Before	Interior Girder 6	24	0.95	1	1	5.35643
Type 3S2_serv	BOBJ1	70	184	Before	Right Exterior Girder	24	0.95	1	1	5.218425
Type 3S2_serv	BOBJ1	71	184	After	Left Exterior Girder	24	0.95	1	1	5.307094
Type 3S2_serv	BOBJ1	71	184	After	Interior Girder 1	24	0.95	1	1	5.258953
Type 3S2_serv	BOBJ1	71	184	After	Interior Girder 2	24	0.95	1	1	5.157318
Type 3S2_serv	BOBJ1	71	184	After	Interior Girder 3	24	0.95	1	1	5.334491
Type 3S2_serv	BOBJ1	71	184	After	Interior Girder 4	24	0.95	1	1	5.356403

TABLE: Bridge Super Rating AASHTORATE18 31 - SteelICompServ-Flx - Approach, Span 4-6										
Request	BridgeObj	BridgeCut	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	Unitless	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Type 3S2_serv	BOBJ1	71	184	After	Interior Girder 5	24	0.95	1	1	5.15128
Type 3S2_serv	BOBJ1	71	184	After	Interior Girder 6	24	0.95	1	1	5.267315
Type 3S2_serv	BOBJ1	71	184	After	Right Exterior Girder	24	0.95	1	1	5.311211
Type 3S2_serv	BOBJ1	72	192	Before	Left Exterior Girder	32	0.95	1	1	3.798279
Type 3S2_serv	BOBJ1	72	192	Before	Interior Girder 1	32	0.95	1	1	3.752175
Type 3S2_serv	BOBJ1	72	192	Before	Interior Girder 2	32	0.95	1	1	3.859743
Type 3S2_serv	BOBJ1	72	192	Before	Interior Girder 3	32	0.95	1	1	3.8839
Type 3S2_serv	BOBJ1	72	192	Before	Interior Girder 4	32	0.95	1	1	3.886409
Type 3S2_serv	BOBJ1	72	192	Before	Interior Girder 5	32	0.95	1	1	3.862006
Type 3S2_serv	BOBJ1	72	192	Before	Interior Girder 6	32	0.95	1	1	3.750808
Type 3S2_serv	BOBJ1	72	192	Before	Right Exterior Girder	32	0.95	1	1	3.802472
Type 3S2_serv	BOBJ1	73	192	After	Left Exterior Girder	32	0.95	1	1	3.836236
Type 3S2_serv	BOBJ1	73	192	After	Interior Girder 1	32	0.95	1	1	3.703351
Type 3S2_serv	BOBJ1	73	192	After	Interior Girder 2	32	0.95	1	1	3.85413
Type 3S2_serv	BOBJ1	73	192	After	Interior Girder 3	32	0.95	1	1	3.88903
Type 3S2_serv	BOBJ1	73	192	After	Interior Girder 4	32	0.95	1	1	3.891893
Type 3S2_serv	BOBJ1	73	192	After	Interior Girder 5	32	0.95	1	1	3.854934
Type 3S2_serv	BOBJ1	73	192	After	Interior Girder 6	32	0.95	1	1	3.702036
Type 3S2_serv	BOBJ1	73	192	After	Right Exterior Girder	32	0.95	1	1	3.840284
Type 3S2_serv	BOBJ1	74	200	Before	Left Exterior Girder	40	0.95	1	1	3.29123
Type 3S2_serv	BOBJ1	74	200	Before	Interior Girder 1	40	0.95	1	1	3.042714
Type 3S2_serv	BOBJ1	74	200	Before	Interior Girder 2	40	0.95	1	1	3.173872
Type 3S2_serv	BOBJ1	74	200	Before	Interior Girder 3	40	0.95	1	1	3.219005
Type 3S2_serv	BOBJ1	74	200	Before	Interior Girder 4	40	0.95	1	1	3.226168
Type 3S2_serv	BOBJ1	74	200	Before	Interior Girder 5	40	0.95	1	1	3.169215
Type 3S2_serv	BOBJ1	74	200	Before	Interior Girder 6	40	0.95	1	1	3.046402
Type 3S2_serv	BOBJ1	74	200	Before	Right Exterior Girder	40	0.95	1	1	3.294319
Type 3S2_serv	BOBJ1	75	200	After	Left Exterior Girder	40	0.95	1	1	3.32216
Type 3S2_serv	BOBJ1	75	200	After	Interior Girder 1	40	0.95	1	1	3.019395
Type 3S2_serv	BOBJ1	75	200	After	Interior Girder 2	40	0.95	1	1	3.168018
Type 3S2_serv	BOBJ1	75	200	After	Interior Girder 3	40	0.95	1	1	3.212539
Type 3S2_serv	BOBJ1	75	200	After	Interior Girder 4	40	0.95	1	1	3.218191
Type 3S2_serv	BOBJ1	75	200	After	Interior Girder 5	40	0.95	1	1	3.163814
Type 3S2_serv	BOBJ1	75	200	After	Interior Girder 6	40	0.95	1	1	3.023246
Type 3S2_serv	BOBJ1	75	200	After	Right Exterior Girder	40	0.95	1	1	3.325172
Type 3S2_serv	BOBJ1	76	208	Before	Left Exterior Girder	48	0.95	1	1	3.0734
Type 3S2_serv	BOBJ1	76	208	Before	Interior Girder 1	48	0.95	1	1	2.923743
Type 3S2_serv	BOBJ1	76	208	Before	Interior Girder 2	48	0.95	1	1	3.103104
Type 3S2_serv	BOBJ1	76	208	Before	Interior Girder 3	48	0.95	1	1	3.163024
Type 3S2_serv	BOBJ1	76	208	Before	Interior Girder 4	48	0.95	1	1	3.164348
Type 3S2_serv	BOBJ1	76	208	Before	Interior Girder 5	48	0.95	1	1	3.104129
Type 3S2_serv	BOBJ1	76	208	Before	Interior Girder 6	48	0.95	1	1	2.922905
Type 3S2_serv	BOBJ1	76	208	Before	Right Exterior Girder	48	0.95	1	1	3.076468
Type 3S2_serv	BOBJ1	77	208	After	Left Exterior Girder	48	0.95	1	1	3.055601
Type 3S2_serv	BOBJ1	77	208	After	Interior Girder 1	48	0.95	1	1	2.929058
Type 3S2_serv	BOBJ1	77	208	After	Interior Girder 2	48	0.95	1	1	3.105379
Type 3S2_serv	BOBJ1	77	208	After	Interior Girder 3	48	0.95	1	1	3.158411
Type 3S2_serv	BOBJ1	77	208	After	Interior Girder 4	48	0.95	1	1	3.159722
Type 3S2_serv	BOBJ1	77	208	After	Interior Girder 5	48	0.95	1	1	3.107093
Type 3S2_serv	BOBJ1	77	208	After	Interior Girder 6	48	0.95	1	1	2.928244
Type 3S2_serv	BOBJ1	77	208	After	Right Exterior Girder	48	0.95	1	1	3.058744
Type 3S2_serv	BOBJ1	78	216	Before	Left Exterior Girder	56	0.95	1	1	3.561544
Type 3S2_serv	BOBJ1	78	216	Before	Interior Girder 1	56	0.95	1	1	3.158478
Type 3S2_serv	BOBJ1	78	216	Before	Interior Girder 2	56	0.95	1	1	3.26655
Type 3S2_serv	BOBJ1	78	216	Before	Interior Girder 3	56	0.95	1	1	3.387432
Type 3S2_serv	BOBJ1	78	216	Before	Interior Girder 4	56	0.95	1	1	3.394546
Type 3S2_serv	BOBJ1	78	216	Before	Interior Girder 5	56	0.95	1	1	3.260877
Type 3S2_serv	BOBJ1	78	216	Before	Interior Girder 6	56	0.95	1	1	3.162798
Type 3S2_serv	BOBJ1	78	216	Before	Right Exterior Girder	56	0.95	1	1	3.564462
Type 3S2_serv	BOBJ1	79	216	After	Left Exterior Girder	56	0.95	1	1	3.493857
Type 3S2_serv	BOBJ1	79	216	After	Interior Girder 1	56	0.95	1	1	3.189092
Type 3S2_serv	BOBJ1	79	216	After	Interior Girder 2	56	0.95	1	1	3.267113
Type 3S2_serv	BOBJ1	79	216	After	Interior Girder 3	56	0.95	1	1	3.369046
Type 3S2_serv	BOBJ1	79	216	After	Interior Girder 4	56	0.95	1	1	3.376195
Type 3S2_serv	BOBJ1	79	216	After	Interior Girder 5	56	0.95	1	1	3.261615
Type 3S2_serv	BOBJ1	79	216	After	Interior Girder 6	56	0.95	1	1	3.19345
Type 3S2_serv	BOBJ1	79	216	After	Right Exterior Girder	56	0.95	1	1	3.496923
Type 3S2_serv	BOBJ1	80	224	Before	Left Exterior Girder	64	0.95	1	1	4.717792
Type 3S2_serv	BOBJ1	80	224	Before	Interior Girder 1	64	0.95	1	1	4.391722
Type 3S2_serv	BOBJ1	80	224	Before	Interior Girder 2	64	0.95	1	1	4.448237
Type 3S2_serv	BOBJ1	80	224	Before	Interior Girder 3	64	0.95	1	1	4.54017
Type 3S2_serv	BOBJ1	80	224	Before	Interior Girder 4	64	0.95	1	1	4.543925
Type 3S2_serv	BOBJ1	80	224	Before	Interior Girder 5	64	0.95	1	1	4.452767

TABLE: Bridge Super Rating AASHTORATE18 31 - SteelICompServ-Flx - Approach, Span 4-6										
Request	BridgeObj	BridgeCut	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	Unitless	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Type 3S2_serv	BOBJ1	80	224	Before	Interior Girder 6	64	0.95	1	1	4.391583
Type 3S2_serv	BOBJ1	80	224	Before	Right Exterior Girder	64	0.95	1	1	4.723036
Type 3S2_serv	BOBJ1	81	224	After	Left Exterior Girder	64	0.95	1	1	4.642395
Type 3S2_serv	BOBJ1	81	224	After	Interior Girder 1	64	0.95	1	1	4.478345
Type 3S2_serv	BOBJ1	81	224	After	Interior Girder 2	64	0.95	1	1	4.437596
Type 3S2_serv	BOBJ1	81	224	After	Interior Girder 3	64	0.95	1	1	4.487969
Type 3S2_serv	BOBJ1	81	224	After	Interior Girder 4	64	0.95	1	1	4.491269
Type 3S2_serv	BOBJ1	81	224	After	Interior Girder 5	64	0.95	1	1	4.440898
Type 3S2_serv	BOBJ1	81	224	After	Interior Girder 6	64	0.95	1	1	4.478601
Type 3S2_serv	BOBJ1	81	224	After	Right Exterior Girder	64	0.95	1	1	4.648004
Type 3S2_serv	BOBJ1	82	232	Before	Left Exterior Girder	72	0.95	1	1	8.605646
Type 3S2_serv	BOBJ1	82	232	Before	Interior Girder 1	72	0.95	1	1	7.874915
Type 3S2_serv	BOBJ1	82	232	Before	Interior Girder 2	72	0.95	1	1	7.663212
Type 3S2_serv	BOBJ1	82	232	Before	Interior Girder 3	72	0.95	1	1	7.904924
Type 3S2_serv	BOBJ1	82	232	Before	Interior Girder 4	72	0.95	1	1	7.947034
Type 3S2_serv	BOBJ1	82	232	Before	Interior Girder 5	72	0.95	1	1	7.657349
Type 3S2_serv	BOBJ1	82	232	Before	Interior Girder 6	72	0.95	1	1	7.893933
Type 3S2_serv	BOBJ1	82	232	Before	Right Exterior Girder	72	0.95	1	1	8.611458
Type 3S2_serv	BOBJ1	83	232	After	Left Exterior Girder	72	0.95	1	1	8.488715
Type 3S2_serv	BOBJ1	83	232	After	Interior Girder 1	72	0.95	1	1	7.953926
Type 3S2_serv	BOBJ1	83	232	After	Interior Girder 2	72	0.95	1	1	7.571638
Type 3S2_serv	BOBJ1	83	232	After	Interior Girder 3	72	0.95	1	1	7.520821
Type 3S2_serv	BOBJ1	83	232	After	Interior Girder 4	72	0.95	1	1	7.564133
Type 3S2_serv	BOBJ1	83	232	After	Interior Girder 5	72	0.95	1	1	7.563511
Type 3S2_serv	BOBJ1	83	232	After	Interior Girder 6	72	0.95	1	1	7.976159
Type 3S2_serv	BOBJ1	83	232	After	Right Exterior Girder	72	0.95	1	1	8.496263
Type 3S2_serv	BOBJ1	84	240	Before	Left Exterior Girder	80	0.95	1	1	67.242204
Type 3S2_serv	BOBJ1	84	240	Before	Interior Girder 1	80	0.95	1	1	46.540103
Type 3S2_serv	BOBJ1	84	240	Before	Interior Girder 2	80	0.95	1	1	38.054364
Type 3S2_serv	BOBJ1	84	240	Before	Interior Girder 3	80	0.95	1	1	25.108499
Type 3S2_serv	BOBJ1	84	240	Before	Interior Girder 4	80	0.95	1	1	25.295442
Type 3S2_serv	BOBJ1	84	240	Before	Interior Girder 5	80	0.95	1	1	37.585498
Type 3S2_serv	BOBJ1	84	240	Before	Interior Girder 6	80	0.95	1	1	46.545919
Type 3S2_serv	BOBJ1	84	240	Before	Right Exterior Girder	80	0.95	1	1	67.242204
Type 3-3_serv	BOBJ1	1	0	After	Left Exterior Girder	0	0.95	1	1	464.766742
Type 3-3_serv	BOBJ1	1	0	After	Interior Girder 1	0	0.95	1	1	518.06873
Type 3-3_serv	BOBJ1	1	0	After	Interior Girder 2	0	0.95	1	1	498.909394
Type 3-3_serv	BOBJ1	1	0	After	Interior Girder 3	0	0.95	1	1	292.390242
Type 3-3_serv	BOBJ1	1	0	After	Interior Girder 4	0	0.95	1	1	291.366527
Type 3-3_serv	BOBJ1	1	0	After	Interior Girder 5	0	0.95	1	1	496.648218
Type 3-3_serv	BOBJ1	1	0	After	Interior Girder 6	0	0.95	1	1	502.375166
Type 3-3_serv	BOBJ1	1	0	After	Right Exterior Girder	0	0.95	1	1	468.796851
Type 3-3_serv	BOBJ1	2	8	Before	Left Exterior Girder	8	0.95	1	1	8.276671
Type 3-3_serv	BOBJ1	2	8	Before	Interior Girder 1	8	0.95	1	1	8.377297
Type 3-3_serv	BOBJ1	2	8	Before	Interior Girder 2	8	0.95	1	1	8.069057
Type 3-3_serv	BOBJ1	2	8	Before	Interior Girder 3	8	0.95	1	1	7.677265
Type 3-3_serv	BOBJ1	2	8	Before	Interior Girder 4	8	0.95	1	1	7.720348
Type 3-3_serv	BOBJ1	2	8	Before	Interior Girder 5	8	0.95	1	1	8.05235
Type 3-3_serv	BOBJ1	2	8	Before	Interior Girder 6	8	0.95	1	1	8.404216
Type 3-3_serv	BOBJ1	2	8	Before	Right Exterior Girder	8	0.95	1	1	8.285878
Type 3-3_serv	BOBJ1	3	8	After	Left Exterior Girder	8	0.95	1	1	8.419793
Type 3-3_serv	BOBJ1	3	8	After	Interior Girder 1	8	0.95	1	1	8.243686
Type 3-3_serv	BOBJ1	3	8	After	Interior Girder 2	8	0.95	1	1	8.212016
Type 3-3_serv	BOBJ1	3	8	After	Interior Girder 3	8	0.95	1	1	8.031858
Type 3-3_serv	BOBJ1	3	8	After	Interior Girder 4	8	0.95	1	1	8.074734
Type 3-3_serv	BOBJ1	3	8	After	Interior Girder 5	8	0.95	1	1	8.195455
Type 3-3_serv	BOBJ1	3	8	After	Interior Girder 6	8	0.95	1	1	8.267791
Type 3-3_serv	BOBJ1	3	8	After	Right Exterior Girder	8	0.95	1	1	8.427036
Type 3-3_serv	BOBJ1	4	16	Before	Left Exterior Girder	16	0.95	1	1	4.557253
Type 3-3_serv	BOBJ1	4	16	Before	Interior Girder 1	16	0.95	1	1	5.056017
Type 3-3_serv	BOBJ1	4	16	Before	Interior Girder 2	16	0.95	1	1	5.000619
Type 3-3_serv	BOBJ1	4	16	Before	Interior Girder 3	16	0.95	1	1	4.987281
Type 3-3_serv	BOBJ1	4	16	Before	Interior Girder 4	16	0.95	1	1	4.983199
Type 3-3_serv	BOBJ1	4	16	Before	Interior Girder 5	16	0.95	1	1	5.002106
Type 3-3_serv	BOBJ1	4	16	Before	Interior Girder 6	16	0.95	1	1	5.055806
Type 3-3_serv	BOBJ1	4	16	Before	Right Exterior Girder	16	0.95	1	1	4.562755
Type 3-3_serv	BOBJ1	5	16	After	Left Exterior Girder	16	0.95	1	1	4.631812
Type 3-3_serv	BOBJ1	5	16	After	Interior Girder 1	16	0.95	1	1	4.949131
Type 3-3_serv	BOBJ1	5	16	After	Interior Girder 2	16	0.95	1	1	5.007158
Type 3-3_serv	BOBJ1	5	16	After	Interior Girder 3	16	0.95	1	1	5.031063
Type 3-3_serv	BOBJ1	5	16	After	Interior Girder 4	16	0.95	1	1	5.032336
Type 3-3_serv	BOBJ1	5	16	After	Interior Girder 5	16	0.95	1	1	5.009864
Type 3-3_serv	BOBJ1	5	16	After	Interior Girder 6	16	0.95	1	1	4.949225

TABLE: Bridge Super Rating AASHTORATE18 31 - SteelICompServ-Flx - Approach, Span 4-6										
Request	BridgeObj	BridgeCut	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	Unitless	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Type 3-3_serv	BOBJ1	5	16	After	Right Exterior Girder	16	0.95	1	1	4.636978
Type 3-3_serv	BOBJ1	6	20.5	Before	Left Exterior Girder	20.5	0.95	1	1	3.934831
Type 3-3_serv	BOBJ1	6	20.5	Before	Right Exterior Girder	20.5	0.95	1	1	3.93883
Type 3-3_serv	BOBJ1	7	20.5	After	Left Exterior Girder	20.5	0.95	1	1	4.709565
Type 3-3_serv	BOBJ1	7	20.5	After	Right Exterior Girder	20.5	0.95	1	1	4.71408
Type 3-3_serv	BOBJ1	8	24	Before	Left Exterior Girder	24	0.95	1	1	4.351382
Type 3-3_serv	BOBJ1	8	24	Before	Interior Girder 1	24	0.95	1	1	3.807589
Type 3-3_serv	BOBJ1	8	24	Before	Interior Girder 2	24	0.95	1	1	3.862579
Type 3-3_serv	BOBJ1	8	24	Before	Interior Girder 3	24	0.95	1	1	3.86425
Type 3-3_serv	BOBJ1	8	24	Before	Interior Girder 4	24	0.95	1	1	3.869786
Type 3-3_serv	BOBJ1	8	24	Before	Interior Girder 5	24	0.95	1	1	3.857833
Type 3-3_serv	BOBJ1	8	24	Before	Interior Girder 6	24	0.95	1	1	3.812033
Type 3-3_serv	BOBJ1	8	24	Before	Right Exterior Girder	24	0.95	1	1	4.355378
Type 3-3_serv	BOBJ1	9	24	After	Left Exterior Girder	24	0.95	1	1	4.364064
Type 3-3_serv	BOBJ1	9	24	After	Interior Girder 1	24	0.95	1	1	3.805144
Type 3-3_serv	BOBJ1	9	24	After	Interior Girder 2	24	0.95	1	1	3.866703
Type 3-3_serv	BOBJ1	9	24	After	Interior Girder 3	24	0.95	1	1	3.8848
Type 3-3_serv	BOBJ1	9	24	After	Interior Girder 4	24	0.95	1	1	3.892465
Type 3-3_serv	BOBJ1	9	24	After	Interior Girder 5	24	0.95	1	1	3.86087
Type 3-3_serv	BOBJ1	9	24	After	Interior Girder 6	24	0.95	1	1	3.809489
Type 3-3_serv	BOBJ1	9	24	After	Right Exterior Girder	24	0.95	1	1	4.367894
Type 3-3_serv	BOBJ1	10	32	Before	Left Exterior Girder	32	0.95	1	1	3.784782
Type 3-3_serv	BOBJ1	10	32	Before	Interior Girder 1	32	0.95	1	1	3.606474
Type 3-3_serv	BOBJ1	10	32	Before	Interior Girder 2	32	0.95	1	1	3.719903
Type 3-3_serv	BOBJ1	10	32	Before	Interior Girder 3	32	0.95	1	1	3.681083
Type 3-3_serv	BOBJ1	10	32	Before	Interior Girder 4	32	0.95	1	1	3.68246
Type 3-3_serv	BOBJ1	10	32	Before	Interior Girder 5	32	0.95	1	1	3.722153
Type 3-3_serv	BOBJ1	10	32	Before	Interior Girder 6	32	0.95	1	1	3.60591
Type 3-3_serv	BOBJ1	10	32	Before	Right Exterior Girder	32	0.95	1	1	3.788152
Type 3-3_serv	BOBJ1	11	32	After	Left Exterior Girder	32	0.95	1	1	3.802346
Type 3-3_serv	BOBJ1	11	32	After	Interior Girder 1	32	0.95	1	1	3.600444
Type 3-3_serv	BOBJ1	11	32	After	Interior Girder 2	32	0.95	1	1	3.717714
Type 3-3_serv	BOBJ1	11	32	After	Interior Girder 3	32	0.95	1	1	3.684857
Type 3-3_serv	BOBJ1	11	32	After	Interior Girder 4	32	0.95	1	1	3.686852
Type 3-3_serv	BOBJ1	11	32	After	Interior Girder 5	32	0.95	1	1	3.719808
Type 3-3_serv	BOBJ1	11	32	After	Interior Girder 6	32	0.95	1	1	3.59989
Type 3-3_serv	BOBJ1	11	32	After	Right Exterior Girder	32	0.95	1	1	3.805688
Type 3-3_serv	BOBJ1	12	40	Before	Left Exterior Girder	40	0.95	1	1	3.993603
Type 3-3_serv	BOBJ1	12	40	Before	Interior Girder 1	40	0.95	1	1	3.68197
Type 3-3_serv	BOBJ1	12	40	Before	Interior Girder 2	40	0.95	1	1	3.807645
Type 3-3_serv	BOBJ1	12	40	Before	Interior Girder 3	40	0.95	1	1	3.807506
Type 3-3_serv	BOBJ1	12	40	Before	Interior Girder 4	40	0.95	1	1	3.812629
Type 3-3_serv	BOBJ1	12	40	Before	Interior Girder 5	40	0.95	1	1	3.806802
Type 3-3_serv	BOBJ1	12	40	Before	Interior Girder 6	40	0.95	1	1	3.68477
Type 3-3_serv	BOBJ1	12	40	Before	Right Exterior Girder	40	0.95	1	1	3.996806
Type 3-3_serv	BOBJ1	13	40	After	Left Exterior Girder	40	0.95	1	1	4.001357
Type 3-3_serv	BOBJ1	13	40	After	Interior Girder 1	40	0.95	1	1	3.695726
Type 3-3_serv	BOBJ1	13	40	After	Interior Girder 2	40	0.95	1	1	3.79311
Type 3-3_serv	BOBJ1	13	40	After	Interior Girder 3	40	0.95	1	1	3.794368
Type 3-3_serv	BOBJ1	13	40	After	Interior Girder 4	40	0.95	1	1	3.798107
Type 3-3_serv	BOBJ1	13	40	After	Interior Girder 5	40	0.95	1	1	3.793072
Type 3-3_serv	BOBJ1	13	40	After	Interior Girder 6	40	0.95	1	1	3.698541
Type 3-3_serv	BOBJ1	13	40	After	Right Exterior Girder	40	0.95	1	1	4.004719
Type 3-3_serv	BOBJ1	14	46.5	Before	Left Exterior Girder	46.5	0.95	1	1	4.364946
Type 3-3_serv	BOBJ1	14	46.5	Before	Right Exterior Girder	46.5	0.95	1	1	4.369165
Type 3-3_serv	BOBJ1	15	46.5	After	Left Exterior Girder	46.5	0.95	1	1	3.757728
Type 3-3_serv	BOBJ1	15	46.5	After	Right Exterior Girder	46.5	0.95	1	1	3.761433
Type 3-3_serv	BOBJ1	16	48	Before	Left Exterior Girder	48	0.95	1	1	3.876609
Type 3-3_serv	BOBJ1	16	48	Before	Interior Girder 1	48	0.95	1	1	4.410561
Type 3-3_serv	BOBJ1	16	48	Before	Interior Girder 2	48	0.95	1	1	4.604856
Type 3-3_serv	BOBJ1	16	48	Before	Interior Girder 3	48	0.95	1	1	4.536192
Type 3-3_serv	BOBJ1	16	48	Before	Interior Girder 4	48	0.95	1	1	4.540953
Type 3-3_serv	BOBJ1	16	48	Before	Interior Girder 5	48	0.95	1	1	4.609241
Type 3-3_serv	BOBJ1	16	48	Before	Interior Girder 6	48	0.95	1	1	4.409758
Type 3-3_serv	BOBJ1	16	48	Before	Right Exterior Girder	48	0.95	1	1	3.880311
Type 3-3_serv	BOBJ1	17	48	After	Left Exterior Girder	48	0.95	1	1	3.847999
Type 3-3_serv	BOBJ1	17	48	After	Interior Girder 1	48	0.95	1	1	4.468221
Type 3-3_serv	BOBJ1	17	48	After	Interior Girder 2	48	0.95	1	1	4.60621
Type 3-3_serv	BOBJ1	17	48	After	Interior Girder 3	48	0.95	1	1	4.513553
Type 3-3_serv	BOBJ1	17	48	After	Interior Girder 4	48	0.95	1	1	4.517248
Type 3-3_serv	BOBJ1	17	48	After	Interior Girder 5	48	0.95	1	1	4.606128
Type 3-3_serv	BOBJ1	17	48	After	Interior Girder 6	48	0.95	1	1	4.467093
Type 3-3_serv	BOBJ1	17	48	After	Right Exterior Girder	48	0.95	1	1	3.851834

TABLE: Bridge Super Rating AASHTORATE18 31 - SteelICompServ-Flx - Approach, Span 4-6										
Request	BridgeObj	BridgeCut	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	Unitless	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Type 3-3_serv	BOBJ1	18	56	Before	Left Exterior Girder	56	0.95	1	1	5.340784
Type 3-3_serv	BOBJ1	18	56	Before	Interior Girder 1	56	0.95	1	1	6.102564
Type 3-3_serv	BOBJ1	18	56	Before	Interior Girder 2	56	0.95	1	1	6.094141
Type 3-3_serv	BOBJ1	18	56	Before	Interior Girder 3	56	0.95	1	1	6.14679
Type 3-3_serv	BOBJ1	18	56	Before	Interior Girder 4	56	0.95	1	1	6.16463
Type 3-3_serv	BOBJ1	18	56	Before	Interior Girder 5	56	0.95	1	1	6.092102
Type 3-3_serv	BOBJ1	18	56	Before	Interior Girder 6	56	0.95	1	1	6.110964
Type 3-3_serv	BOBJ1	18	56	Before	Right Exterior Girder	56	0.95	1	1	5.344995
Type 3-3_serv	BOBJ1	19	56	After	Left Exterior Girder	56	0.95	1	1	5.251588
Type 3-3_serv	BOBJ1	19	56	After	Interior Girder 1	56	0.95	1	1	6.227725
Type 3-3_serv	BOBJ1	19	56	After	Interior Girder 2	56	0.95	1	1	6.081501
Type 3-3_serv	BOBJ1	19	56	After	Interior Girder 3	56	0.95	1	1	6.116391
Type 3-3_serv	BOBJ1	19	56	After	Interior Girder 4	56	0.95	1	1	6.128234
Type 3-3_serv	BOBJ1	19	56	After	Interior Girder 5	56	0.95	1	1	6.074037
Type 3-3_serv	BOBJ1	19	56	After	Interior Girder 6	56	0.95	1	1	6.236949
Type 3-3_serv	BOBJ1	19	56	After	Right Exterior Girder	56	0.95	1	1	5.256143
Type 3-3_serv	BOBJ1	20	59	Before	Interior Girder 1	59	0.95	1	1	7.593338
Type 3-3_serv	BOBJ1	20	59	Before	Interior Girder 2	59	0.95	1	1	7.294392
Type 3-3_serv	BOBJ1	20	59	Before	Interior Girder 3	59	0.95	1	1	7.43944
Type 3-3_serv	BOBJ1	20	59	Before	Interior Girder 4	59	0.95	1	1	7.469453
Type 3-3_serv	BOBJ1	20	59	Before	Interior Girder 5	59	0.95	1	1	7.28998
Type 3-3_serv	BOBJ1	20	59	Before	Interior Girder 6	59	0.95	1	1	7.603703
Type 3-3_serv	BOBJ1	21	59	After	Interior Girder 1	59	0.95	1	1	4.383708
Type 3-3_serv	BOBJ1	21	59	After	Interior Girder 2	59	0.95	1	1	4.230219
Type 3-3_serv	BOBJ1	21	59	After	Interior Girder 3	59	0.95	1	1	4.211343
Type 3-3_serv	BOBJ1	21	59	After	Interior Girder 4	59	0.95	1	1	4.232165
Type 3-3_serv	BOBJ1	21	59	After	Interior Girder 5	59	0.95	1	1	4.228393
Type 3-3_serv	BOBJ1	21	59	After	Interior Girder 6	59	0.95	1	1	4.38913
Type 3-3_serv	BOBJ1	22	64	Before	Left Exterior Girder	64	0.95	1	1	7.313209
Type 3-3_serv	BOBJ1	22	64	Before	Interior Girder 1	64	0.95	1	1	4.554565
Type 3-3_serv	BOBJ1	22	64	Before	Interior Girder 2	64	0.95	1	1	4.663181
Type 3-3_serv	BOBJ1	22	64	Before	Interior Girder 3	64	0.95	1	1	4.852515
Type 3-3_serv	BOBJ1	22	64	Before	Interior Girder 4	64	0.95	1	1	4.84981
Type 3-3_serv	BOBJ1	22	64	Before	Interior Girder 5	64	0.95	1	1	4.660571
Type 3-3_serv	BOBJ1	22	64	Before	Interior Girder 6	64	0.95	1	1	4.555003
Type 3-3_serv	BOBJ1	22	64	Before	Right Exterior Girder	64	0.95	1	1	7.319487
Type 3-3_serv	BOBJ1	23	64	After	Left Exterior Girder	64	0.95	1	1	7.361092
Type 3-3_serv	BOBJ1	23	64	After	Interior Girder 1	64	0.95	1	1	4.519576
Type 3-3_serv	BOBJ1	23	64	After	Interior Girder 2	64	0.95	1	1	4.631692
Type 3-3_serv	BOBJ1	23	64	After	Interior Girder 3	64	0.95	1	1	4.853183
Type 3-3_serv	BOBJ1	23	64	After	Interior Girder 4	64	0.95	1	1	4.850319
Type 3-3_serv	BOBJ1	23	64	After	Interior Girder 5	64	0.95	1	1	4.629163
Type 3-3_serv	BOBJ1	23	64	After	Interior Girder 6	64	0.95	1	1	4.520047
Type 3-3_serv	BOBJ1	23	64	After	Right Exterior Girder	64	0.95	1	1	7.367306
Type 3-3_serv	BOBJ1	24	69	Before	Interior Girder 1	69	0.95	1	1	3.504896
Type 3-3_serv	BOBJ1	24	69	Before	Interior Girder 2	69	0.95	1	1	3.581745
Type 3-3_serv	BOBJ1	24	69	Before	Interior Girder 3	69	0.95	1	1	3.530079
Type 3-3_serv	BOBJ1	24	69	Before	Interior Girder 4	69	0.95	1	1	3.527914
Type 3-3_serv	BOBJ1	24	69	Before	Interior Girder 5	69	0.95	1	1	3.579053
Type 3-3_serv	BOBJ1	24	69	Before	Interior Girder 6	69	0.95	1	1	3.505634
Type 3-3_serv	BOBJ1	25	69	After	Interior Girder 1	69	0.95	1	1	7.365228
Type 3-3_serv	BOBJ1	25	69	After	Interior Girder 2	69	0.95	1	1	7.444824
Type 3-3_serv	BOBJ1	25	69	After	Interior Girder 3	69	0.95	1	1	7.415041
Type 3-3_serv	BOBJ1	25	69	After	Interior Girder 4	69	0.95	1	1	7.410239
Type 3-3_serv	BOBJ1	25	69	After	Interior Girder 5	69	0.95	1	1	7.43946
Type 3-3_serv	BOBJ1	25	69	After	Interior Girder 6	69	0.95	1	1	7.36669
Type 3-3_serv	BOBJ1	26	72	Before	Left Exterior Girder	72	0.95	1	1	5.423662
Type 3-3_serv	BOBJ1	26	72	Before	Interior Girder 1	72	0.95	1	1	6.621845
Type 3-3_serv	BOBJ1	26	72	Before	Interior Girder 2	72	0.95	1	1	6.656455
Type 3-3_serv	BOBJ1	26	72	Before	Interior Girder 3	72	0.95	1	1	6.438597
Type 3-3_serv	BOBJ1	26	72	Before	Interior Girder 4	72	0.95	1	1	6.434448
Type 3-3_serv	BOBJ1	26	72	Before	Interior Girder 5	72	0.95	1	1	6.650906
Type 3-3_serv	BOBJ1	26	72	Before	Interior Girder 6	72	0.95	1	1	6.623583
Type 3-3_serv	BOBJ1	26	72	Before	Right Exterior Girder	72	0.95	1	1	5.429352
Type 3-3_serv	BOBJ1	27	72	After	Left Exterior Girder	72	0.95	1	1	5.467033
Type 3-3_serv	BOBJ1	27	72	After	Interior Girder 1	72	0.95	1	1	6.537163
Type 3-3_serv	BOBJ1	27	72	After	Interior Girder 2	72	0.95	1	1	6.583942
Type 3-3_serv	BOBJ1	27	72	After	Interior Girder 3	72	0.95	1	1	6.405958
Type 3-3_serv	BOBJ1	27	72	After	Interior Girder 4	72	0.95	1	1	6.402422
Type 3-3_serv	BOBJ1	27	72	After	Interior Girder 5	72	0.95	1	1	6.577225
Type 3-3_serv	BOBJ1	27	72	After	Interior Girder 6	72	0.95	1	1	6.539538
Type 3-3_serv	BOBJ1	27	72	After	Right Exterior Girder	72	0.95	1	1	5.4731
Type 3-3_serv	BOBJ1	28	72.5	Before	Left Exterior Girder	72.5	0.95	1	1	5.309432

TABLE: Bridge Super Rating AASHTORATE18 31 - SteelICompServ-Flx - Approach, Span 4-6										
Request	BridgeObj	BridgeCut	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	Unitless	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Type 3-3_serv	BOBJ1	28	72.5	Before	Right Exterior Girder	72.5	0.95	1	1	5.315438
Type 3-3_serv	BOBJ1	29	72.5	After	Left Exterior Girder	72.5	0.95	1	1	7.90139
Type 3-3_serv	BOBJ1	29	72.5	After	Right Exterior Girder	72.5	0.95	1	1	7.910595
Type 3-3_serv	BOBJ1	30	80	Before	Left Exterior Girder	80	0.95	1	1	5.721364
Type 3-3_serv	BOBJ1	30	80	Before	Interior Girder 1	80	0.95	1	1	4.355817
Type 3-3_serv	BOBJ1	30	80	Before	Interior Girder 2	80	0.95	1	1	4.218761
Type 3-3_serv	BOBJ1	30	80	Before	Interior Girder 3	80	0.95	1	1	3.46296
Type 3-3_serv	BOBJ1	30	80	Before	Interior Girder 4	80	0.95	1	1	3.472378
Type 3-3_serv	BOBJ1	30	80	Before	Interior Girder 5	80	0.95	1	1	4.212291
Type 3-3_serv	BOBJ1	30	80	Before	Interior Girder 6	80	0.95	1	1	4.359813
Type 3-3_serv	BOBJ1	30	80	Before	Right Exterior Girder	80	0.95	1	1	5.729818
Type 3-3_serv	BOBJ1	31	80	After	Left Exterior Girder	0	0.95	1	1	5.62158
Type 3-3_serv	BOBJ1	31	80	After	Interior Girder 1	0	0.95	1	1	4.388943
Type 3-3_serv	BOBJ1	31	80	After	Interior Girder 2	0	0.95	1	1	4.184856
Type 3-3_serv	BOBJ1	31	80	After	Interior Girder 3	0	0.95	1	1	3.422422
Type 3-3_serv	BOBJ1	31	80	After	Interior Girder 4	0	0.95	1	1	3.432176
Type 3-3_serv	BOBJ1	31	80	After	Interior Girder 5	0	0.95	1	1	4.178432
Type 3-3_serv	BOBJ1	31	80	After	Interior Girder 6	0	0.95	1	1	4.39059
Type 3-3_serv	BOBJ1	31	80	After	Right Exterior Girder	0	0.95	1	1	5.627827
Type 3-3_serv	BOBJ1	32	87.5	Before	Left Exterior Girder	7.5	0.95	1	1	8.16184
Type 3-3_serv	BOBJ1	32	87.5	Before	Right Exterior Girder	7.5	0.95	1	1	8.171935
Type 3-3_serv	BOBJ1	33	87.5	After	Left Exterior Girder	7.5	0.95	1	1	5.413945
Type 3-3_serv	BOBJ1	33	87.5	After	Right Exterior Girder	7.5	0.95	1	1	5.420243
Type 3-3_serv	BOBJ1	34	88	Before	Left Exterior Girder	8	0.95	1	1	5.550229
Type 3-3_serv	BOBJ1	34	88	Before	Interior Girder 1	8	0.95	1	1	6.288863
Type 3-3_serv	BOBJ1	34	88	Before	Interior Girder 2	8	0.95	1	1	6.282197
Type 3-3_serv	BOBJ1	34	88	Before	Interior Girder 3	8	0.95	1	1	6.007928
Type 3-3_serv	BOBJ1	34	88	Before	Interior Girder 4	8	0.95	1	1	6.004889
Type 3-3_serv	BOBJ1	34	88	Before	Interior Girder 5	8	0.95	1	1	6.27649
Type 3-3_serv	BOBJ1	34	88	Before	Interior Girder 6	8	0.95	1	1	6.291025
Type 3-3_serv	BOBJ1	34	88	Before	Right Exterior Girder	8	0.95	1	1	5.556534
Type 3-3_serv	BOBJ1	35	88	After	Left Exterior Girder	8	0.95	1	1	5.562321
Type 3-3_serv	BOBJ1	35	88	After	Interior Girder 1	8	0.95	1	1	6.317718
Type 3-3_serv	BOBJ1	35	88	After	Interior Girder 2	8	0.95	1	1	6.351676
Type 3-3_serv	BOBJ1	35	88	After	Interior Girder 3	8	0.95	1	1	6.043445
Type 3-3_serv	BOBJ1	35	88	After	Interior Girder 4	8	0.95	1	1	6.03977
Type 3-3_serv	BOBJ1	35	88	After	Interior Girder 5	8	0.95	1	1	6.34638
Type 3-3_serv	BOBJ1	35	88	After	Interior Girder 6	8	0.95	1	1	6.319319
Type 3-3_serv	BOBJ1	35	88	After	Right Exterior Girder	8	0.95	1	1	5.568385
Type 3-3_serv	BOBJ1	36	91	Before	Interior Girder 1	11	0.95	1	1	6.952133
Type 3-3_serv	BOBJ1	36	91	Before	Interior Girder 2	11	0.95	1	1	7.081537
Type 3-3_serv	BOBJ1	36	91	Before	Interior Girder 3	11	0.95	1	1	6.963584
Type 3-3_serv	BOBJ1	36	91	Before	Interior Girder 4	11	0.95	1	1	6.959289
Type 3-3_serv	BOBJ1	36	91	Before	Interior Girder 5	11	0.95	1	1	7.076416
Type 3-3_serv	BOBJ1	36	91	Before	Interior Girder 6	11	0.95	1	1	6.953459
Type 3-3_serv	BOBJ1	37	91	After	Interior Girder 1	11	0.95	1	1	3.077209
Type 3-3_serv	BOBJ1	37	91	After	Interior Girder 2	11	0.95	1	1	3.179329
Type 3-3_serv	BOBJ1	37	91	After	Interior Girder 3	11	0.95	1	1	3.095115
Type 3-3_serv	BOBJ1	37	91	After	Interior Girder 4	11	0.95	1	1	3.093323
Type 3-3_serv	BOBJ1	37	91	After	Interior Girder 5	11	0.95	1	1	3.176964
Type 3-3_serv	BOBJ1	37	91	After	Interior Girder 6	11	0.95	1	1	3.077843
Type 3-3_serv	BOBJ1	38	96	Before	Left Exterior Girder	16	0.95	1	1	7.750415
Type 3-3_serv	BOBJ1	38	96	Before	Interior Girder 1	16	0.95	1	1	3.891324
Type 3-3_serv	BOBJ1	38	96	Before	Interior Girder 2	16	0.95	1	1	4.069536
Type 3-3_serv	BOBJ1	38	96	Before	Interior Girder 3	16	0.95	1	1	4.262255
Type 3-3_serv	BOBJ1	38	96	Before	Interior Girder 4	16	0.95	1	1	4.259849
Type 3-3_serv	BOBJ1	38	96	Before	Interior Girder 5	16	0.95	1	1	4.067357
Type 3-3_serv	BOBJ1	38	96	Before	Interior Girder 6	16	0.95	1	1	3.89172
Type 3-3_serv	BOBJ1	38	96	Before	Right Exterior Girder	16	0.95	1	1	7.757071
Type 3-3_serv	BOBJ1	39	96	After	Left Exterior Girder	16	0.95	1	1	3.658539
Type 3-3_serv	BOBJ1	39	96	After	Interior Girder 1	16	0.95	1	1	3.941153
Type 3-3_serv	BOBJ1	39	96	After	Interior Girder 2	16	0.95	1	1	4.089971
Type 3-3_serv	BOBJ1	39	96	After	Interior Girder 3	16	0.95	1	1	4.243469
Type 3-3_serv	BOBJ1	39	96	After	Interior Girder 4	16	0.95	1	1	4.241169
Type 3-3_serv	BOBJ1	39	96	After	Interior Girder 5	16	0.95	1	1	4.087657
Type 3-3_serv	BOBJ1	39	96	After	Interior Girder 6	16	0.95	1	1	3.941543
Type 3-3_serv	BOBJ1	39	96	After	Right Exterior Girder	16	0.95	1	1	3.661808
Type 3-3_serv	BOBJ1	40	104	Before	Left Exterior Girder	24	0.95	1	1	5.541749
Type 3-3_serv	BOBJ1	40	104	Before	Interior Girder 1	24	0.95	1	1	5.465639
Type 3-3_serv	BOBJ1	40	104	Before	Interior Girder 2	24	0.95	1	1	5.257114
Type 3-3_serv	BOBJ1	40	104	Before	Interior Girder 3	24	0.95	1	1	5.191974
Type 3-3_serv	BOBJ1	40	104	Before	Interior Girder 4	24	0.95	1	1	5.214304
Type 3-3_serv	BOBJ1	40	104	Before	Interior Girder 5	24	0.95	1	1	5.252057

TABLE: Bridge Super Rating AASHTORATE18 31 - SteelICompServ-Flx - Approach, Span 4-6										
Request	BridgeObj	BridgeCut	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	Unitless	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Type 3-3_serv	BOBJ1	40	104	Before	Interior Girder 6	24	0.95	1	1	5.465963
Type 3-3_serv	BOBJ1	40	104	Before	Right Exterior Girder	24	0.95	1	1	5.545363
Type 3-3_serv	BOBJ1	41	104	After	Left Exterior Girder	24	0.95	1	1	5.474588
Type 3-3_serv	BOBJ1	41	104	After	Interior Girder 1	24	0.95	1	1	5.36419
Type 3-3_serv	BOBJ1	41	104	After	Interior Girder 2	24	0.95	1	1	5.241484
Type 3-3_serv	BOBJ1	41	104	After	Interior Girder 3	24	0.95	1	1	5.280638
Type 3-3_serv	BOBJ1	41	104	After	Interior Girder 4	24	0.95	1	1	5.306136
Type 3-3_serv	BOBJ1	41	104	After	Interior Girder 5	24	0.95	1	1	5.23819
Type 3-3_serv	BOBJ1	41	104	After	Interior Girder 6	24	0.95	1	1	5.37471
Type 3-3_serv	BOBJ1	41	104	After	Right Exterior Girder	24	0.95	1	1	5.478432
Type 3-3_serv	BOBJ1	42	112	Before	Left Exterior Girder	32	0.95	1	1	3.89903
Type 3-3_serv	BOBJ1	42	112	Before	Interior Girder 1	32	0.95	1	1	4.136022
Type 3-3_serv	BOBJ1	42	112	Before	Interior Girder 2	32	0.95	1	1	4.229938
Type 3-3_serv	BOBJ1	42	112	Before	Interior Girder 3	32	0.95	1	1	4.147615
Type 3-3_serv	BOBJ1	42	112	Before	Interior Girder 4	32	0.95	1	1	4.151391
Type 3-3_serv	BOBJ1	42	112	Before	Interior Girder 5	32	0.95	1	1	4.233763
Type 3-3_serv	BOBJ1	42	112	Before	Interior Girder 6	32	0.95	1	1	4.134696
Type 3-3_serv	BOBJ1	42	112	Before	Right Exterior Girder	32	0.95	1	1	3.902646
Type 3-3_serv	BOBJ1	43	112	After	Left Exterior Girder	32	0.95	1	1	3.967149
Type 3-3_serv	BOBJ1	43	112	After	Interior Girder 1	32	0.95	1	1	4.086919
Type 3-3_serv	BOBJ1	43	112	After	Interior Girder 2	32	0.95	1	1	4.217608
Type 3-3_serv	BOBJ1	43	112	After	Interior Girder 3	32	0.95	1	1	4.157936
Type 3-3_serv	BOBJ1	43	112	After	Interior Girder 4	32	0.95	1	1	4.161631
Type 3-3_serv	BOBJ1	43	112	After	Interior Girder 5	32	0.95	1	1	4.222484
Type 3-3_serv	BOBJ1	43	112	After	Interior Girder 6	32	0.95	1	1	4.085842
Type 3-3_serv	BOBJ1	43	112	After	Right Exterior Girder	32	0.95	1	1	3.97068
Type 3-3_serv	BOBJ1	44	120	Before	Left Exterior Girder	40	0.95	1	1	3.611744
Type 3-3_serv	BOBJ1	44	120	Before	Interior Girder 1	40	0.95	1	1	3.673287
Type 3-3_serv	BOBJ1	44	120	Before	Interior Girder 2	40	0.95	1	1	3.726894
Type 3-3_serv	BOBJ1	44	120	Before	Interior Girder 3	40	0.95	1	1	3.741235
Type 3-3_serv	BOBJ1	44	120	Before	Interior Girder 4	40	0.95	1	1	3.751107
Type 3-3_serv	BOBJ1	44	120	Before	Interior Girder 5	40	0.95	1	1	3.721994
Type 3-3_serv	BOBJ1	44	120	Before	Interior Girder 6	40	0.95	1	1	3.676146
Type 3-3_serv	BOBJ1	44	120	Before	Right Exterior Girder	40	0.95	1	1	3.615149
Type 3-3_serv	BOBJ1	45	120	After	Left Exterior Girder	40	0.95	1	1	3.615861
Type 3-3_serv	BOBJ1	45	120	After	Interior Girder 1	40	0.95	1	1	3.669709
Type 3-3_serv	BOBJ1	45	120	After	Interior Girder 2	40	0.95	1	1	3.724822
Type 3-3_serv	BOBJ1	45	120	After	Interior Girder 3	40	0.95	1	1	3.740831
Type 3-3_serv	BOBJ1	45	120	After	Interior Girder 4	40	0.95	1	1	3.749986
Type 3-3_serv	BOBJ1	45	120	After	Interior Girder 5	40	0.95	1	1	3.719822
Type 3-3_serv	BOBJ1	45	120	After	Interior Girder 6	40	0.95	1	1	3.672472
Type 3-3_serv	BOBJ1	45	120	After	Right Exterior Girder	40	0.95	1	1	3.619063
Type 3-3_serv	BOBJ1	46	128	Before	Left Exterior Girder	48	0.95	1	1	3.900065
Type 3-3_serv	BOBJ1	46	128	Before	Interior Girder 1	48	0.95	1	1	4.051678
Type 3-3_serv	BOBJ1	46	128	Before	Interior Girder 2	48	0.95	1	1	4.187445
Type 3-3_serv	BOBJ1	46	128	Before	Interior Girder 3	48	0.95	1	1	4.132818
Type 3-3_serv	BOBJ1	46	128	Before	Interior Girder 4	48	0.95	1	1	4.136492
Type 3-3_serv	BOBJ1	46	128	Before	Interior Girder 5	48	0.95	1	1	4.192193
Type 3-3_serv	BOBJ1	46	128	Before	Interior Girder 6	48	0.95	1	1	4.050672
Type 3-3_serv	BOBJ1	46	128	Before	Right Exterior Girder	48	0.95	1	1	3.903511
Type 3-3_serv	BOBJ1	47	128	After	Left Exterior Girder	48	0.95	1	1	3.843104
Type 3-3_serv	BOBJ1	47	128	After	Interior Girder 1	48	0.95	1	1	4.09058
Type 3-3_serv	BOBJ1	47	128	After	Interior Girder 2	48	0.95	1	1	4.198661
Type 3-3_serv	BOBJ1	47	128	After	Interior Girder 3	48	0.95	1	1	4.124257
Type 3-3_serv	BOBJ1	47	128	After	Interior Girder 4	48	0.95	1	1	4.128022
Type 3-3_serv	BOBJ1	47	128	After	Interior Girder 5	48	0.95	1	1	4.202381
Type 3-3_serv	BOBJ1	47	128	After	Interior Girder 6	48	0.95	1	1	4.089386
Type 3-3_serv	BOBJ1	47	128	After	Right Exterior Girder	48	0.95	1	1	3.846631
Type 3-3_serv	BOBJ1	48	136	Before	Left Exterior Girder	56	0.95	1	1	5.375351
Type 3-3_serv	BOBJ1	48	136	Before	Interior Girder 1	56	0.95	1	1	5.254369
Type 3-3_serv	BOBJ1	48	136	Before	Interior Girder 2	56	0.95	1	1	5.15702
Type 3-3_serv	BOBJ1	48	136	Before	Interior Girder 3	56	0.95	1	1	5.206021
Type 3-3_serv	BOBJ1	48	136	Before	Interior Girder 4	56	0.95	1	1	5.227254
Type 3-3_serv	BOBJ1	48	136	Before	Interior Girder 5	56	0.95	1	1	5.153906
Type 3-3_serv	BOBJ1	48	136	Before	Interior Girder 6	56	0.95	1	1	5.26446
Type 3-3_serv	BOBJ1	48	136	Before	Right Exterior Girder	56	0.95	1	1	5.378963
Type 3-3_serv	BOBJ1	49	136	After	Left Exterior Girder	56	0.95	1	1	5.460231
Type 3-3_serv	BOBJ1	49	136	After	Interior Girder 1	56	0.95	1	1	5.370752
Type 3-3_serv	BOBJ1	49	136	After	Interior Girder 2	56	0.95	1	1	5.172248
Type 3-3_serv	BOBJ1	49	136	After	Interior Girder 3	56	0.95	1	1	5.123849
Type 3-3_serv	BOBJ1	49	136	After	Interior Girder 4	56	0.95	1	1	5.145473
Type 3-3_serv	BOBJ1	49	136	After	Interior Girder 5	56	0.95	1	1	5.167168
Type 3-3_serv	BOBJ1	49	136	After	Interior Girder 6	56	0.95	1	1	5.379849

TABLE: Bridge Super Rating AASHTORATE18 31 - SteelICompServ-Flx - Approach, Span 4-6										
Request	BridgeObj	BridgeCut	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	Unitless	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Type 3-3_serv	BOBJ1	49	136	After	Right Exterior Girder	56	0.95	1	1	5.463625
Type 3-3_serv	BOBJ1	50	144	Before	Left Exterior Girder	64	0.95	1	1	3.617466
Type 3-3_serv	BOBJ1	50	144	Before	Interior Girder 1	64	0.95	1	1	3.87396
Type 3-3_serv	BOBJ1	50	144	Before	Interior Girder 2	64	0.95	1	1	4.049528
Type 3-3_serv	BOBJ1	50	144	Before	Interior Girder 3	64	0.95	1	1	4.246126
Type 3-3_serv	BOBJ1	50	144	Before	Interior Girder 4	64	0.95	1	1	4.243977
Type 3-3_serv	BOBJ1	50	144	Before	Interior Girder 5	64	0.95	1	1	4.047414
Type 3-3_serv	BOBJ1	50	144	Before	Interior Girder 6	64	0.95	1	1	3.874342
Type 3-3_serv	BOBJ1	50	144	Before	Right Exterior Girder	64	0.95	1	1	3.620537
Type 3-3_serv	BOBJ1	51	144	After	Left Exterior Girder	64	0.95	1	1	7.082988
Type 3-3_serv	BOBJ1	51	144	After	Interior Girder 1	64	0.95	1	1	3.816185
Type 3-3_serv	BOBJ1	51	144	After	Interior Girder 2	64	0.95	1	1	4.026463
Type 3-3_serv	BOBJ1	51	144	After	Interior Girder 3	64	0.95	1	1	4.262271
Type 3-3_serv	BOBJ1	51	144	After	Interior Girder 4	64	0.95	1	1	4.259977
Type 3-3_serv	BOBJ1	51	144	After	Interior Girder 5	64	0.95	1	1	4.024476
Type 3-3_serv	BOBJ1	51	144	After	Interior Girder 6	64	0.95	1	1	3.816578
Type 3-3_serv	BOBJ1	51	144	After	Right Exterior Girder	64	0.95	1	1	7.088784
Type 3-3_serv	BOBJ1	52	150	Before	Interior Girder 1	70	0.95	1	1	2.859586
Type 3-3_serv	BOBJ1	52	150	Before	Interior Girder 2	70	0.95	1	1	2.983144
Type 3-3_serv	BOBJ1	52	150	Before	Interior Girder 3	70	0.95	1	1	2.911881
Type 3-3_serv	BOBJ1	52	150	Before	Interior Girder 4	70	0.95	1	1	2.910249
Type 3-3_serv	BOBJ1	52	150	Before	Interior Girder 5	70	0.95	1	1	2.980982
Type 3-3_serv	BOBJ1	52	150	Before	Interior Girder 6	70	0.95	1	1	2.860197
Type 3-3_serv	BOBJ1	53	150	After	Interior Girder 1	70	0.95	1	1	6.185815
Type 3-3_serv	BOBJ1	53	150	After	Interior Girder 2	70	0.95	1	1	6.337052
Type 3-3_serv	BOBJ1	53	150	After	Interior Girder 3	70	0.95	1	1	6.249427
Type 3-3_serv	BOBJ1	53	150	After	Interior Girder 4	70	0.95	1	1	6.24566
Type 3-3_serv	BOBJ1	53	150	After	Interior Girder 5	70	0.95	1	1	6.332592
Type 3-3_serv	BOBJ1	53	150	After	Interior Girder 6	70	0.95	1	1	6.187051
Type 3-3_serv	BOBJ1	54	152	Before	Left Exterior Girder	72	0.95	1	1	5.006594
Type 3-3_serv	BOBJ1	54	152	Before	Interior Girder 1	72	0.95	1	1	5.767743
Type 3-3_serv	BOBJ1	54	152	Before	Interior Girder 2	72	0.95	1	1	5.880511
Type 3-3_serv	BOBJ1	54	152	Before	Interior Girder 3	72	0.95	1	1	5.676377
Type 3-3_serv	BOBJ1	54	152	Before	Interior Girder 4	72	0.95	1	1	5.673014
Type 3-3_serv	BOBJ1	54	152	Before	Interior Girder 5	72	0.95	1	1	5.875968
Type 3-3_serv	BOBJ1	54	152	Before	Interior Girder 6	72	0.95	1	1	5.769119
Type 3-3_serv	BOBJ1	54	152	Before	Right Exterior Girder	72	0.95	1	1	5.011857
Type 3-3_serv	BOBJ1	55	152	After	Left Exterior Girder	72	0.95	1	1	5.029576
Type 3-3_serv	BOBJ1	55	152	After	Interior Girder 1	72	0.95	1	1	5.729745
Type 3-3_serv	BOBJ1	55	152	After	Interior Girder 2	72	0.95	1	1	5.821354
Type 3-3_serv	BOBJ1	55	152	After	Interior Girder 3	72	0.95	1	1	5.64553
Type 3-3_serv	BOBJ1	55	152	After	Interior Girder 4	72	0.95	1	1	5.642781
Type 3-3_serv	BOBJ1	55	152	After	Interior Girder 5	72	0.95	1	1	5.816467
Type 3-3_serv	BOBJ1	55	152	After	Interior Girder 6	72	0.95	1	1	5.731557
Type 3-3_serv	BOBJ1	55	152	After	Right Exterior Girder	72	0.95	1	1	5.035158
Type 3-3_serv	BOBJ1	56	154	Before	Left Exterior Girder	74	0.95	1	1	4.512237
Type 3-3_serv	BOBJ1	56	154	Before	Right Exterior Girder	74	0.95	1	1	4.51759
Type 3-3_serv	BOBJ1	57	154	After	Left Exterior Girder	74	0.95	1	1	6.827408
Type 3-3_serv	BOBJ1	57	154	After	Right Exterior Girder	74	0.95	1	1	6.835787
Type 3-3_serv	BOBJ1	58	160	Before	Left Exterior Girder	80	0.95	1	1	5.205529
Type 3-3_serv	BOBJ1	58	160	Before	Interior Girder 1	80	0.95	1	1	4.019362
Type 3-3_serv	BOBJ1	58	160	Before	Interior Girder 2	80	0.95	1	1	3.905624
Type 3-3_serv	BOBJ1	58	160	Before	Interior Girder 3	80	0.95	1	1	3.227959
Type 3-3_serv	BOBJ1	58	160	Before	Interior Girder 4	80	0.95	1	1	3.237438
Type 3-3_serv	BOBJ1	58	160	Before	Interior Girder 5	80	0.95	1	1	3.899393
Type 3-3_serv	BOBJ1	58	160	Before	Interior Girder 6	80	0.95	1	1	4.020731
Type 3-3_serv	BOBJ1	58	160	Before	Right Exterior Girder	80	0.95	1	1	5.211285
Type 3-3_serv	BOBJ1	59	160	After	Left Exterior Girder	0	0.95	1	1	5.036687
Type 3-3_serv	BOBJ1	59	160	After	Interior Girder 1	0	0.95	1	1	3.941706
Type 3-3_serv	BOBJ1	59	160	After	Interior Girder 2	0	0.95	1	1	3.8877
Type 3-3_serv	BOBJ1	59	160	After	Interior Girder 3	0	0.95	1	1	3.223712
Type 3-3_serv	BOBJ1	59	160	After	Interior Girder 4	0	0.95	1	1	3.232629
Type 3-3_serv	BOBJ1	59	160	After	Interior Girder 5	0	0.95	1	1	3.881841
Type 3-3_serv	BOBJ1	59	160	After	Interior Girder 6	0	0.95	1	1	3.945235
Type 3-3_serv	BOBJ1	59	160	After	Right Exterior Girder	0	0.95	1	1	5.042495
Type 3-3_serv	BOBJ1	60	166	Before	Left Exterior Girder	6	0.95	1	1	7.211134
Type 3-3_serv	BOBJ1	60	166	Before	Right Exterior Girder	6	0.95	1	1	7.21999
Type 3-3_serv	BOBJ1	61	166	After	Left Exterior Girder	6	0.95	1	1	4.805948
Type 3-3_serv	BOBJ1	61	166	After	Right Exterior Girder	6	0.95	1	1	4.811686
Type 3-3_serv	BOBJ1	62	168	Before	Left Exterior Girder	8	0.95	1	1	5.367967
Type 3-3_serv	BOBJ1	62	168	Before	Interior Girder 1	8	0.95	1	1	6.366118
Type 3-3_serv	BOBJ1	62	168	Before	Interior Girder 2	8	0.95	1	1	6.43795
Type 3-3_serv	BOBJ1	62	168	Before	Interior Girder 3	8	0.95	1	1	6.253606

TABLE: Bridge Super Rating AASHTORATE18 31 - SteelICompServ-Flx - Approach, Span 4-6										
Request	BridgeObj	BridgeCut	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	Unitless	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Type 3-3_serv	BOBJ1	62	168	Before	Interior Girder 4	8	0.95	1	1	6.250109
Type 3-3_serv	BOBJ1	62	168	Before	Interior Girder 5	8	0.95	1	1	6.430898
Type 3-3_serv	BOBJ1	62	168	Before	Interior Girder 6	8	0.95	1	1	6.368332
Type 3-3_serv	BOBJ1	62	168	Before	Right Exterior Girder	8	0.95	1	1	5.374015
Type 3-3_serv	BOBJ1	63	168	After	Left Exterior Girder	8	0.95	1	1	5.304446
Type 3-3_serv	BOBJ1	63	168	After	Interior Girder 1	8	0.95	1	1	6.460542
Type 3-3_serv	BOBJ1	63	168	After	Interior Girder 2	8	0.95	1	1	6.502203
Type 3-3_serv	BOBJ1	63	168	After	Interior Girder 3	8	0.95	1	1	6.286926
Type 3-3_serv	BOBJ1	63	168	After	Interior Girder 4	8	0.95	1	1	6.282809
Type 3-3_serv	BOBJ1	63	168	After	Interior Girder 5	8	0.95	1	1	6.496891
Type 3-3_serv	BOBJ1	63	168	After	Interior Girder 6	8	0.95	1	1	6.462176
Type 3-3_serv	BOBJ1	63	168	After	Right Exterior Girder	8	0.95	1	1	5.310035
Type 3-3_serv	BOBJ1	64	170	Before	Interior Girder 1	10	0.95	1	1	6.96095
Type 3-3_serv	BOBJ1	64	170	Before	Interior Girder 2	10	0.95	1	1	7.023176
Type 3-3_serv	BOBJ1	64	170	Before	Interior Girder 3	10	0.95	1	1	6.935254
Type 3-3_serv	BOBJ1	64	170	Before	Interior Girder 4	10	0.95	1	1	6.930677
Type 3-3_serv	BOBJ1	64	170	Before	Interior Girder 5	10	0.95	1	1	7.01796
Type 3-3_serv	BOBJ1	64	170	Before	Interior Girder 6	10	0.95	1	1	6.962427
Type 3-3_serv	BOBJ1	65	170	After	Interior Girder 1	10	0.95	1	1	3.431198
Type 3-3_serv	BOBJ1	65	170	After	Interior Girder 2	10	0.95	1	1	3.517946
Type 3-3_serv	BOBJ1	65	170	After	Interior Girder 3	10	0.95	1	1	3.430119
Type 3-3_serv	BOBJ1	65	170	After	Interior Girder 4	10	0.95	1	1	3.427995
Type 3-3_serv	BOBJ1	65	170	After	Interior Girder 5	10	0.95	1	1	3.515234
Type 3-3_serv	BOBJ1	65	170	After	Interior Girder 6	10	0.95	1	1	3.431965
Type 3-3_serv	BOBJ1	66	176	Before	Left Exterior Girder	16	0.95	1	1	7.362435
Type 3-3_serv	BOBJ1	66	176	Before	Interior Girder 1	16	0.95	1	1	4.665593
Type 3-3_serv	BOBJ1	66	176	Before	Interior Girder 2	16	0.95	1	1	4.812686
Type 3-3_serv	BOBJ1	66	176	Before	Interior Girder 3	16	0.95	1	1	5.053385
Type 3-3_serv	BOBJ1	66	176	Before	Interior Girder 4	16	0.95	1	1	5.050424
Type 3-3_serv	BOBJ1	66	176	Before	Interior Girder 5	16	0.95	1	1	4.810132
Type 3-3_serv	BOBJ1	66	176	Before	Interior Girder 6	16	0.95	1	1	4.666068
Type 3-3_serv	BOBJ1	66	176	Before	Right Exterior Girder	16	0.95	1	1	7.368587
Type 3-3_serv	BOBJ1	67	176	After	Left Exterior Girder	16	0.95	1	1	7.291806
Type 3-3_serv	BOBJ1	67	176	After	Interior Girder 1	16	0.95	1	1	4.714908
Type 3-3_serv	BOBJ1	67	176	After	Interior Girder 2	16	0.95	1	1	4.847975
Type 3-3_serv	BOBJ1	67	176	After	Interior Girder 3	16	0.95	1	1	5.052995
Type 3-3_serv	BOBJ1	67	176	After	Interior Girder 4	16	0.95	1	1	5.050258
Type 3-3_serv	BOBJ1	67	176	After	Interior Girder 5	16	0.95	1	1	4.845339
Type 3-3_serv	BOBJ1	67	176	After	Interior Girder 6	16	0.95	1	1	4.715357
Type 3-3_serv	BOBJ1	67	176	After	Right Exterior Girder	16	0.95	1	1	7.297963
Type 3-3_serv	BOBJ1	68	181	Before	Interior Girder 1	21	0.95	1	1	4.480469
Type 3-3_serv	BOBJ1	68	181	Before	Interior Girder 2	21	0.95	1	1	4.295067
Type 3-3_serv	BOBJ1	68	181	Before	Interior Girder 3	21	0.95	1	1	4.307025
Type 3-3_serv	BOBJ1	68	181	Before	Interior Girder 4	21	0.95	1	1	4.323924
Type 3-3_serv	BOBJ1	68	181	Before	Interior Girder 5	21	0.95	1	1	4.293
Type 3-3_serv	BOBJ1	68	181	Before	Interior Girder 6	21	0.95	1	1	4.486042
Type 3-3_serv	BOBJ1	69	181	After	Interior Girder 1	21	0.95	1	1	7.147703
Type 3-3_serv	BOBJ1	69	181	After	Interior Girder 2	21	0.95	1	1	6.814738
Type 3-3_serv	BOBJ1	69	181	After	Interior Girder 3	21	0.95	1	1	6.97846
Type 3-3_serv	BOBJ1	69	181	After	Interior Girder 4	21	0.95	1	1	7.007634
Type 3-3_serv	BOBJ1	69	181	After	Interior Girder 5	21	0.95	1	1	6.809665
Type 3-3_serv	BOBJ1	69	181	After	Interior Girder 6	21	0.95	1	1	7.157335
Type 3-3_serv	BOBJ1	70	184	Before	Left Exterior Girder	24	0.95	1	1	5.479331
Type 3-3_serv	BOBJ1	70	184	Before	Interior Girder 1	24	0.95	1	1	5.783277
Type 3-3_serv	BOBJ1	70	184	Before	Interior Girder 2	24	0.95	1	1	5.653101
Type 3-3_serv	BOBJ1	70	184	Before	Interior Girder 3	24	0.95	1	1	5.720431
Type 3-3_serv	BOBJ1	70	184	Before	Interior Girder 4	24	0.95	1	1	5.733079
Type 3-3_serv	BOBJ1	70	184	Before	Interior Girder 5	24	0.95	1	1	5.646048
Type 3-3_serv	BOBJ1	70	184	Before	Interior Girder 6	24	0.95	1	1	5.792261
Type 3-3_serv	BOBJ1	70	184	Before	Right Exterior Girder	24	0.95	1	1	5.48391
Type 3-3_serv	BOBJ1	71	184	After	Left Exterior Girder	24	0.95	1	1	5.577537
Type 3-3_serv	BOBJ1	71	184	After	Interior Girder 1	24	0.95	1	1	5.677283
Type 3-3_serv	BOBJ1	71	184	After	Interior Girder 2	24	0.95	1	1	5.652713
Type 3-3_serv	BOBJ1	71	184	After	Interior Girder 3	24	0.95	1	1	5.737913
Type 3-3_serv	BOBJ1	71	184	After	Interior Girder 4	24	0.95	1	1	5.754431
Type 3-3_serv	BOBJ1	71	184	After	Interior Girder 5	24	0.95	1	1	5.650032
Type 3-3_serv	BOBJ1	71	184	After	Interior Girder 6	24	0.95	1	1	5.6857
Type 3-3_serv	BOBJ1	71	184	After	Right Exterior Girder	24	0.95	1	1	5.581799
Type 3-3_serv	BOBJ1	72	192	Before	Left Exterior Girder	32	0.95	1	1	3.998011
Type 3-3_serv	BOBJ1	72	192	Before	Interior Girder 1	32	0.95	1	1	4.036383
Type 3-3_serv	BOBJ1	72	192	Before	Interior Girder 2	32	0.95	1	1	4.232588
Type 3-3_serv	BOBJ1	72	192	Before	Interior Girder 3	32	0.95	1	1	4.189294
Type 3-3_serv	BOBJ1	72	192	Before	Interior Girder 4	32	0.95	1	1	4.192939

TABLE: Bridge Super Rating AASHTORATE18 31 - SteelICompServ-Flx - Approach, Span 4-6										
Request	BridgeObj	BridgeCut	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	Unitless	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Type 3-3_serv	BOBJ1	72	192	Before	Interior Girder 5	32	0.95	1	1	4.231488
Type 3-3_serv	BOBJ1	72	192	Before	Interior Girder 6	32	0.95	1	1	4.035636
Type 3-3_serv	BOBJ1	72	192	Before	Right Exterior Girder	32	0.95	1	1	4.001839
Type 3-3_serv	BOBJ1	73	192	After	Left Exterior Girder	32	0.95	1	1	4.043902
Type 3-3_serv	BOBJ1	73	192	After	Interior Girder 1	32	0.95	1	1	3.980227
Type 3-3_serv	BOBJ1	73	192	After	Interior Girder 2	32	0.95	1	1	4.221013
Type 3-3_serv	BOBJ1	73	192	After	Interior Girder 3	32	0.95	1	1	4.198654
Type 3-3_serv	BOBJ1	73	192	After	Interior Girder 4	32	0.95	1	1	4.202868
Type 3-3_serv	BOBJ1	73	192	After	Interior Girder 5	32	0.95	1	1	4.221567
Type 3-3_serv	BOBJ1	73	192	After	Interior Girder 6	32	0.95	1	1	3.979682
Type 3-3_serv	BOBJ1	73	192	After	Right Exterior Girder	32	0.95	1	1	4.047606
Type 3-3_serv	BOBJ1	74	200	Before	Left Exterior Girder	40	0.95	1	1	3.399856
Type 3-3_serv	BOBJ1	74	200	Before	Interior Girder 1	40	0.95	1	1	3.282065
Type 3-3_serv	BOBJ1	74	200	Before	Interior Girder 2	40	0.95	1	1	3.465323
Type 3-3_serv	BOBJ1	74	200	Before	Interior Girder 3	40	0.95	1	1	3.502697
Type 3-3_serv	BOBJ1	74	200	Before	Interior Girder 4	40	0.95	1	1	3.505912
Type 3-3_serv	BOBJ1	74	200	Before	Interior Girder 5	40	0.95	1	1	3.465149
Type 3-3_serv	BOBJ1	74	200	Before	Interior Girder 6	40	0.95	1	1	3.284504
Type 3-3_serv	BOBJ1	74	200	Before	Right Exterior Girder	40	0.95	1	1	3.402528
Type 3-3_serv	BOBJ1	75	200	After	Left Exterior Girder	40	0.95	1	1	3.427298
Type 3-3_serv	BOBJ1	75	200	After	Interior Girder 1	40	0.95	1	1	3.260529
Type 3-3_serv	BOBJ1	75	200	After	Interior Girder 2	40	0.95	1	1	3.470061
Type 3-3_serv	BOBJ1	75	200	After	Interior Girder 3	40	0.95	1	1	3.506611
Type 3-3_serv	BOBJ1	75	200	After	Interior Girder 4	40	0.95	1	1	3.511282
Type 3-3_serv	BOBJ1	75	200	After	Interior Girder 5	40	0.95	1	1	3.467941
Type 3-3_serv	BOBJ1	75	200	After	Interior Girder 6	40	0.95	1	1	3.263018
Type 3-3_serv	BOBJ1	75	200	After	Right Exterior Girder	40	0.95	1	1	3.429916
Type 3-3_serv	BOBJ1	76	208	Before	Left Exterior Girder	48	0.95	1	1	3.204553
Type 3-3_serv	BOBJ1	76	208	Before	Interior Girder 1	48	0.95	1	1	3.136475
Type 3-3_serv	BOBJ1	76	208	Before	Interior Girder 2	48	0.95	1	1	3.389029
Type 3-3_serv	BOBJ1	76	208	Before	Interior Girder 3	48	0.95	1	1	3.40228
Type 3-3_serv	BOBJ1	76	208	Before	Interior Girder 4	48	0.95	1	1	3.404729
Type 3-3_serv	BOBJ1	76	208	Before	Interior Girder 5	48	0.95	1	1	3.389043
Type 3-3_serv	BOBJ1	76	208	Before	Interior Girder 6	48	0.95	1	1	3.13611
Type 3-3_serv	BOBJ1	76	208	Before	Right Exterior Girder	48	0.95	1	1	3.207183
Type 3-3_serv	BOBJ1	77	208	After	Left Exterior Girder	48	0.95	1	1	3.186572
Type 3-3_serv	BOBJ1	77	208	After	Interior Girder 1	48	0.95	1	1	3.144362
Type 3-3_serv	BOBJ1	77	208	After	Interior Girder 2	48	0.95	1	1	3.390098
Type 3-3_serv	BOBJ1	77	208	After	Interior Girder 3	48	0.95	1	1	3.395378
Type 3-3_serv	BOBJ1	77	208	After	Interior Girder 4	48	0.95	1	1	3.397109
Type 3-3_serv	BOBJ1	77	208	After	Interior Girder 5	48	0.95	1	1	3.391764
Type 3-3_serv	BOBJ1	77	208	After	Interior Girder 6	48	0.95	1	1	3.144026
Type 3-3_serv	BOBJ1	77	208	After	Right Exterior Girder	48	0.95	1	1	3.189249
Type 3-3_serv	BOBJ1	78	216	Before	Left Exterior Girder	56	0.95	1	1	3.737459
Type 3-3_serv	BOBJ1	78	216	Before	Interior Girder 1	56	0.95	1	1	3.387649
Type 3-3_serv	BOBJ1	78	216	Before	Interior Girder 2	56	0.95	1	1	3.545198
Type 3-3_serv	BOBJ1	78	216	Before	Interior Girder 3	56	0.95	1	1	3.604627
Type 3-3_serv	BOBJ1	78	216	Before	Interior Girder 4	56	0.95	1	1	3.612836
Type 3-3_serv	BOBJ1	78	216	Before	Interior Girder 5	56	0.95	1	1	3.540115
Type 3-3_serv	BOBJ1	78	216	Before	Interior Girder 6	56	0.95	1	1	3.391426
Type 3-3_serv	BOBJ1	78	216	Before	Right Exterior Girder	56	0.95	1	1	3.740426
Type 3-3_serv	BOBJ1	79	216	After	Left Exterior Girder	56	0.95	1	1	3.663471
Type 3-3_serv	BOBJ1	79	216	After	Interior Girder 1	56	0.95	1	1	3.421572
Type 3-3_serv	BOBJ1	79	216	After	Interior Girder 2	56	0.95	1	1	3.54869
Type 3-3_serv	BOBJ1	79	216	After	Interior Girder 3	56	0.95	1	1	3.584982
Type 3-3_serv	BOBJ1	79	216	After	Interior Girder 4	56	0.95	1	1	3.589791
Type 3-3_serv	BOBJ1	79	216	After	Interior Girder 5	56	0.95	1	1	3.543514
Type 3-3_serv	BOBJ1	79	216	After	Interior Girder 6	56	0.95	1	1	3.425542
Type 3-3_serv	BOBJ1	79	216	After	Right Exterior Girder	56	0.95	1	1	3.666669
Type 3-3_serv	BOBJ1	80	224	Before	Left Exterior Girder	64	0.95	1	1	4.823644
Type 3-3_serv	BOBJ1	80	224	Before	Interior Girder 1	64	0.95	1	1	4.521269
Type 3-3_serv	BOBJ1	80	224	Before	Interior Girder 2	64	0.95	1	1	4.662109
Type 3-3_serv	BOBJ1	80	224	Before	Interior Girder 3	64	0.95	1	1	4.749139
Type 3-3_serv	BOBJ1	80	224	Before	Interior Girder 4	64	0.95	1	1	4.75331
Type 3-3_serv	BOBJ1	80	224	Before	Interior Girder 5	64	0.95	1	1	4.665373
Type 3-3_serv	BOBJ1	80	224	Before	Interior Girder 6	64	0.95	1	1	4.521184
Type 3-3_serv	BOBJ1	80	224	Before	Right Exterior Girder	64	0.95	1	1	4.828349
Type 3-3_serv	BOBJ1	81	224	After	Left Exterior Girder	64	0.95	1	1	4.731553
Type 3-3_serv	BOBJ1	81	224	After	Interior Girder 1	64	0.95	1	1	4.623699
Type 3-3_serv	BOBJ1	81	224	After	Interior Girder 2	64	0.95	1	1	4.668619
Type 3-3_serv	BOBJ1	81	224	After	Interior Girder 3	64	0.95	1	1	4.70118
Type 3-3_serv	BOBJ1	81	224	After	Interior Girder 4	64	0.95	1	1	4.70145
Type 3-3_serv	BOBJ1	81	224	After	Interior Girder 5	64	0.95	1	1	4.667812

TABLE: Bridge Super Rating AASHTORATE18 31 - SteelICompServ-Flx - Approach, Span 4-6										
Request	BridgeObj	BridgeCut	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	Unitless	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Type 3-3_serv	BOBJ1	81	224	After	Interior Girder 6	64	0.95	1	1	4.623466
Type 3-3_serv	BOBJ1	81	224	After	Right Exterior Girder	64	0.95	1	1	4.736716
Type 3-3_serv	BOBJ1	82	232	Before	Left Exterior Girder	72	0.95	1	1	8.736787
Type 3-3_serv	BOBJ1	82	232	Before	Interior Girder 1	72	0.95	1	1	8.090075
Type 3-3_serv	BOBJ1	82	232	Before	Interior Girder 2	72	0.95	1	1	7.884151
Type 3-3_serv	BOBJ1	82	232	Before	Interior Girder 3	72	0.95	1	1	8.286646
Type 3-3_serv	BOBJ1	82	232	Before	Interior Girder 4	72	0.95	1	1	8.328779
Type 3-3_serv	BOBJ1	82	232	Before	Interior Girder 5	72	0.95	1	1	7.882107
Type 3-3_serv	BOBJ1	82	232	Before	Interior Girder 6	72	0.95	1	1	8.106897
Type 3-3_serv	BOBJ1	82	232	Before	Right Exterior Girder	72	0.95	1	1	8.741316
Type 3-3_serv	BOBJ1	83	232	After	Left Exterior Girder	72	0.95	1	1	8.606458
Type 3-3_serv	BOBJ1	83	232	After	Interior Girder 1	72	0.95	1	1	8.18241
Type 3-3_serv	BOBJ1	83	232	After	Interior Girder 2	72	0.95	1	1	7.820568
Type 3-3_serv	BOBJ1	83	232	After	Interior Girder 3	72	0.95	1	1	7.87488
Type 3-3_serv	BOBJ1	83	232	After	Interior Girder 4	72	0.95	1	1	7.9206
Type 3-3_serv	BOBJ1	83	232	After	Interior Girder 5	72	0.95	1	1	7.81322
Type 3-3_serv	BOBJ1	83	232	After	Interior Girder 6	72	0.95	1	1	8.203312
Type 3-3_serv	BOBJ1	83	232	After	Right Exterior Girder	72	0.95	1	1	8.612337
Type 3-3_serv	BOBJ1	84	240	Before	Left Exterior Girder	80	0.95	1	1	67.603779
Type 3-3_serv	BOBJ1	84	240	Before	Interior Girder 1	80	0.95	1	1	47.891717
Type 3-3_serv	BOBJ1	84	240	Before	Interior Girder 2	80	0.95	1	1	38.543872
Type 3-3_serv	BOBJ1	84	240	Before	Interior Girder 3	80	0.95	1	1	25.348872
Type 3-3_serv	BOBJ1	84	240	Before	Interior Girder 4	80	0.95	1	1	25.55269
Type 3-3_serv	BOBJ1	84	240	Before	Interior Girder 5	80	0.95	1	1	38.067129
Type 3-3_serv	BOBJ1	84	240	Before	Interior Girder 6	80	0.95	1	1	47.88953
Type 3-3_serv	BOBJ1	84	240	Before	Right Exterior Girder	80	0.95	1	1	67.603779
EV2_serv	BOBJ1	1	0	After	Left Exterior Girder	0	0.95	1	1	486.85196
EV2_serv	BOBJ1	1	0	After	Interior Girder 1	0	0.95	1	1	517.321247
EV2_serv	BOBJ1	1	0	After	Interior Girder 2	0	0.95	1	1	389.420283
EV2_serv	BOBJ1	1	0	After	Interior Girder 3	0	0.95	1	1	253.923725
EV2_serv	BOBJ1	1	0	After	Interior Girder 4	0	0.95	1	1	255.814539
EV2_serv	BOBJ1	1	0	After	Interior Girder 5	0	0.95	1	1	383.495862
EV2_serv	BOBJ1	1	0	After	Interior Girder 6	0	0.95	1	1	492.019219
EV2_serv	BOBJ1	1	0	After	Right Exterior Girder	0	0.95	1	1	487.452238
EV2_serv	BOBJ1	2	8	Before	Left Exterior Girder	8	0.95	1	1	8.324332
EV2_serv	BOBJ1	2	8	Before	Interior Girder 1	8	0.95	1	1	7.212166
EV2_serv	BOBJ1	2	8	Before	Interior Girder 2	8	0.95	1	1	6.781105
EV2_serv	BOBJ1	2	8	Before	Interior Girder 3	8	0.95	1	1	6.217602
EV2_serv	BOBJ1	2	8	Before	Interior Girder 4	8	0.95	1	1	6.273861
EV2_serv	BOBJ1	2	8	Before	Interior Girder 5	8	0.95	1	1	6.754789
EV2_serv	BOBJ1	2	8	Before	Interior Girder 6	8	0.95	1	1	7.244502
EV2_serv	BOBJ1	2	8	Before	Right Exterior Girder	8	0.95	1	1	8.335985
EV2_serv	BOBJ1	3	8	After	Left Exterior Girder	8	0.95	1	1	8.304755
EV2_serv	BOBJ1	3	8	After	Interior Girder 1	8	0.95	1	1	7.210478
EV2_serv	BOBJ1	3	8	After	Interior Girder 2	8	0.95	1	1	6.931442
EV2_serv	BOBJ1	3	8	After	Interior Girder 3	8	0.95	1	1	6.485562
EV2_serv	BOBJ1	3	8	After	Interior Girder 4	8	0.95	1	1	6.523938
EV2_serv	BOBJ1	3	8	After	Interior Girder 5	8	0.95	1	1	6.906421
EV2_serv	BOBJ1	3	8	After	Interior Girder 6	8	0.95	1	1	7.239881
EV2_serv	BOBJ1	3	8	After	Right Exterior Girder	8	0.95	1	1	8.315356
EV2_serv	BOBJ1	4	16	Before	Left Exterior Girder	16	0.95	1	1	4.383072
EV2_serv	BOBJ1	4	16	Before	Interior Girder 1	16	0.95	1	1	4.467168
EV2_serv	BOBJ1	4	16	Before	Interior Girder 2	16	0.95	1	1	4.267446
EV2_serv	BOBJ1	4	16	Before	Interior Girder 3	16	0.95	1	1	4.230999
EV2_serv	BOBJ1	4	16	Before	Interior Girder 4	16	0.95	1	1	4.227797
EV2_serv	BOBJ1	4	16	Before	Interior Girder 5	16	0.95	1	1	4.266229
EV2_serv	BOBJ1	4	16	Before	Interior Girder 6	16	0.95	1	1	4.466713
EV2_serv	BOBJ1	4	16	Before	Right Exterior Girder	16	0.95	1	1	4.388982
EV2_serv	BOBJ1	5	16	After	Left Exterior Girder	16	0.95	1	1	4.427006
EV2_serv	BOBJ1	5	16	After	Interior Girder 1	16	0.95	1	1	4.413393
EV2_serv	BOBJ1	5	16	After	Interior Girder 2	16	0.95	1	1	4.281098
EV2_serv	BOBJ1	5	16	After	Interior Girder 3	16	0.95	1	1	4.286782
EV2_serv	BOBJ1	5	16	After	Interior Girder 4	16	0.95	1	1	4.289087
EV2_serv	BOBJ1	5	16	After	Interior Girder 5	16	0.95	1	1	4.282897
EV2_serv	BOBJ1	5	16	After	Interior Girder 6	16	0.95	1	1	4.413153
EV2_serv	BOBJ1	5	16	After	Right Exterior Girder	16	0.95	1	1	4.433016
EV2_serv	BOBJ1	6	20.5	Before	Left Exterior Girder	20.5	0.95	1	1	3.804816
EV2_serv	BOBJ1	6	20.5	Before	Right Exterior Girder	20.5	0.95	1	1	3.808942
EV2_serv	BOBJ1	7	20.5	After	Left Exterior Girder	20.5	0.95	1	1	4.543527
EV2_serv	BOBJ1	7	20.5	After	Right Exterior Girder	20.5	0.95	1	1	4.548332
EV2_serv	BOBJ1	8	24	Before	Left Exterior Girder	24	0.95	1	1	4.150975
EV2_serv	BOBJ1	8	24	Before	Interior Girder 1	24	0.95	1	1	3.293355
EV2_serv	BOBJ1	8	24	Before	Interior Girder 2	24	0.95	1	1	3.279244

TABLE: Bridge Super Rating AASHTORATE18 31 - SteelICompServ-Flx - Approach, Span 4-6										
Request	BridgeObj	BridgeCut	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	Unitless	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
EV2_serv	BOBJ1	8	24	Before	Interior Girder 3	24	0.95	1	1	3.308923
EV2_serv	BOBJ1	8	24	Before	Interior Girder 4	24	0.95	1	1	3.317403
EV2_serv	BOBJ1	8	24	Before	Interior Girder 5	24	0.95	1	1	3.271689
EV2_serv	BOBJ1	8	24	Before	Interior Girder 6	24	0.95	1	1	3.300152
EV2_serv	BOBJ1	8	24	Before	Right Exterior Girder	24	0.95	1	1	4.155437
EV2_serv	BOBJ1	9	24	After	Left Exterior Girder	24	0.95	1	1	4.123831
EV2_serv	BOBJ1	9	24	After	Interior Girder 1	24	0.95	1	1	3.321978
EV2_serv	BOBJ1	9	24	After	Interior Girder 2	24	0.95	1	1	3.282954
EV2_serv	BOBJ1	9	24	After	Interior Girder 3	24	0.95	1	1	3.33828
EV2_serv	BOBJ1	9	24	After	Interior Girder 4	24	0.95	1	1	3.350242
EV2_serv	BOBJ1	9	24	After	Interior Girder 5	24	0.95	1	1	3.275661
EV2_serv	BOBJ1	9	24	After	Interior Girder 6	24	0.95	1	1	3.328579
EV2_serv	BOBJ1	9	24	After	Right Exterior Girder	24	0.95	1	1	4.126907
EV2_serv	BOBJ1	10	32	Before	Left Exterior Girder	32	0.95	1	1	3.654468
EV2_serv	BOBJ1	10	32	Before	Interior Girder 1	32	0.95	1	1	3.208821
EV2_serv	BOBJ1	10	32	Before	Interior Girder 2	32	0.95	1	1	3.18336
EV2_serv	BOBJ1	10	32	Before	Interior Girder 3	32	0.95	1	1	3.257526
EV2_serv	BOBJ1	10	32	Before	Interior Girder 4	32	0.95	1	1	3.259766
EV2_serv	BOBJ1	10	32	Before	Interior Girder 5	32	0.95	1	1	3.181435
EV2_serv	BOBJ1	10	32	Before	Interior Girder 6	32	0.95	1	1	3.208431
EV2_serv	BOBJ1	10	32	Before	Right Exterior Girder	32	0.95	1	1	3.658587
EV2_serv	BOBJ1	11	32	After	Left Exterior Girder	32	0.95	1	1	3.661599
EV2_serv	BOBJ1	11	32	After	Interior Girder 1	32	0.95	1	1	3.210899
EV2_serv	BOBJ1	11	32	After	Interior Girder 2	32	0.95	1	1	3.179209
EV2_serv	BOBJ1	11	32	After	Interior Girder 3	32	0.95	1	1	3.256106
EV2_serv	BOBJ1	11	32	After	Interior Girder 4	32	0.95	1	1	3.259595
EV2_serv	BOBJ1	11	32	After	Interior Girder 5	32	0.95	1	1	3.179022
EV2_serv	BOBJ1	11	32	After	Interior Girder 6	32	0.95	1	1	3.210595
EV2_serv	BOBJ1	11	32	After	Right Exterior Girder	32	0.95	1	1	3.665592
EV2_serv	BOBJ1	12	40	Before	Left Exterior Girder	40	0.95	1	1	3.879986
EV2_serv	BOBJ1	12	40	Before	Interior Girder 1	40	0.95	1	1	3.23874
EV2_serv	BOBJ1	12	40	Before	Interior Girder 2	40	0.95	1	1	3.220897
EV2_serv	BOBJ1	12	40	Before	Interior Girder 3	40	0.95	1	1	3.285551
EV2_serv	BOBJ1	12	40	Before	Interior Girder 4	40	0.95	1	1	3.299225
EV2_serv	BOBJ1	12	40	Before	Interior Girder 5	40	0.95	1	1	3.21534
EV2_serv	BOBJ1	12	40	Before	Interior Girder 6	40	0.95	1	1	3.243958
EV2_serv	BOBJ1	12	40	Before	Right Exterior Girder	40	0.95	1	1	3.883345
EV2_serv	BOBJ1	13	40	After	Left Exterior Girder	40	0.95	1	1	3.89184
EV2_serv	BOBJ1	13	40	After	Interior Girder 1	40	0.95	1	1	3.242077
EV2_serv	BOBJ1	13	40	After	Interior Girder 2	40	0.95	1	1	3.205076
EV2_serv	BOBJ1	13	40	After	Interior Girder 3	40	0.95	1	1	3.267632
EV2_serv	BOBJ1	13	40	After	Interior Girder 4	40	0.95	1	1	3.27618
EV2_serv	BOBJ1	13	40	After	Interior Girder 5	40	0.95	1	1	3.198146
EV2_serv	BOBJ1	13	40	After	Interior Girder 6	40	0.95	1	1	3.247568
EV2_serv	BOBJ1	13	40	After	Right Exterior Girder	40	0.95	1	1	3.895262
EV2_serv	BOBJ1	14	46.5	Before	Left Exterior Girder	46.5	0.95	1	1	4.187571
EV2_serv	BOBJ1	14	46.5	Before	Right Exterior Girder	46.5	0.95	1	1	4.191918
EV2_serv	BOBJ1	15	46.5	After	Left Exterior Girder	46.5	0.95	1	1	3.602363
EV2_serv	BOBJ1	15	46.5	After	Right Exterior Girder	46.5	0.95	1	1	3.606272
EV2_serv	BOBJ1	16	48	Before	Left Exterior Girder	48	0.95	1	1	3.688615
EV2_serv	BOBJ1	16	48	Before	Interior Girder 1	48	0.95	1	1	3.871373
EV2_serv	BOBJ1	16	48	Before	Interior Girder 2	48	0.95	1	1	3.868541
EV2_serv	BOBJ1	16	48	Before	Interior Girder 3	48	0.95	1	1	3.955036
EV2_serv	BOBJ1	16	48	Before	Interior Girder 4	48	0.95	1	1	3.959977
EV2_serv	BOBJ1	16	48	Before	Interior Girder 5	48	0.95	1	1	3.870298
EV2_serv	BOBJ1	16	48	Before	Interior Girder 6	48	0.95	1	1	3.87107
EV2_serv	BOBJ1	16	48	Before	Right Exterior Girder	48	0.95	1	1	3.692765
EV2_serv	BOBJ1	17	48	After	Left Exterior Girder	48	0.95	1	1	3.669383
EV2_serv	BOBJ1	17	48	After	Interior Girder 1	48	0.95	1	1	3.915743
EV2_serv	BOBJ1	17	48	After	Interior Girder 2	48	0.95	1	1	3.870646
EV2_serv	BOBJ1	17	48	After	Interior Girder 3	48	0.95	1	1	3.948698
EV2_serv	BOBJ1	17	48	After	Interior Girder 4	48	0.95	1	1	3.952452
EV2_serv	BOBJ1	17	48	After	Interior Girder 5	48	0.95	1	1	3.868109
EV2_serv	BOBJ1	17	48	After	Interior Girder 6	48	0.95	1	1	3.915367
EV2_serv	BOBJ1	17	48	After	Right Exterior Girder	48	0.95	1	1	3.67367
EV2_serv	BOBJ1	18	56	Before	Left Exterior Girder	56	0.95	1	1	4.984512
EV2_serv	BOBJ1	18	56	Before	Interior Girder 1	56	0.95	1	1	5.11475
EV2_serv	BOBJ1	18	56	Before	Interior Girder 2	56	0.95	1	1	4.972526
EV2_serv	BOBJ1	18	56	Before	Interior Girder 3	56	0.95	1	1	5.008232
EV2_serv	BOBJ1	18	56	Before	Interior Girder 4	56	0.95	1	1	5.037461
EV2_serv	BOBJ1	18	56	Before	Interior Girder 5	56	0.95	1	1	4.96512
EV2_serv	BOBJ1	18	56	Before	Interior Girder 6	56	0.95	1	1	5.126354
EV2_serv	BOBJ1	18	56	Before	Right Exterior Girder	56	0.95	1	1	4.987804

TABLE: Bridge Super Rating AASHTORATE18 31 - SteelICompServ-Flx - Approach, Span 4-6										
Request	BridgeObj	BridgeCut	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	Unitless	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
EV2_serv	BOBJ1	19	56	After	Left Exterior Girder	56	0.95	1	1	4.942031
EV2_serv	BOBJ1	19	56	After	Interior Girder 1	56	0.95	1	1	5.181764
EV2_serv	BOBJ1	19	56	After	Interior Girder 2	56	0.95	1	1	4.960063
EV2_serv	BOBJ1	19	56	After	Interior Girder 3	56	0.95	1	1	4.95585
EV2_serv	BOBJ1	19	56	After	Interior Girder 4	56	0.95	1	1	4.974608
EV2_serv	BOBJ1	19	56	After	Interior Girder 5	56	0.95	1	1	4.94775
EV2_serv	BOBJ1	19	56	After	Interior Girder 6	56	0.95	1	1	5.193997
EV2_serv	BOBJ1	19	56	After	Right Exterior Girder	56	0.95	1	1	4.945564
EV2_serv	BOBJ1	20	59	Before	Interior Girder 1	59	0.95	1	1	6.168799
EV2_serv	BOBJ1	20	59	Before	Interior Girder 2	59	0.95	1	1	5.810709
EV2_serv	BOBJ1	20	59	Before	Interior Girder 3	59	0.95	1	1	5.80656
EV2_serv	BOBJ1	20	59	Before	Interior Girder 4	59	0.95	1	1	5.844447
EV2_serv	BOBJ1	20	59	Before	Interior Girder 5	59	0.95	1	1	5.799784
EV2_serv	BOBJ1	20	59	Before	Interior Girder 6	59	0.95	1	1	6.18238
EV2_serv	BOBJ1	21	59	After	Interior Girder 1	59	0.95	1	1	3.5351
EV2_serv	BOBJ1	21	59	After	Interior Girder 2	59	0.95	1	1	3.362375
EV2_serv	BOBJ1	21	59	After	Interior Girder 3	59	0.95	1	1	3.279653
EV2_serv	BOBJ1	21	59	After	Interior Girder 4	59	0.95	1	1	3.300254
EV2_serv	BOBJ1	21	59	After	Interior Girder 5	59	0.95	1	1	3.356084
EV2_serv	BOBJ1	21	59	After	Interior Girder 6	59	0.95	1	1	3.543036
EV2_serv	BOBJ1	22	64	Before	Left Exterior Girder	64	0.95	1	1	7.688961
EV2_serv	BOBJ1	22	64	Before	Interior Girder 1	64	0.95	1	1	4.81816
EV2_serv	BOBJ1	22	64	Before	Interior Girder 2	64	0.95	1	1	4.935918
EV2_serv	BOBJ1	22	64	Before	Interior Girder 3	64	0.95	1	1	5.109368
EV2_serv	BOBJ1	22	64	Before	Interior Girder 4	64	0.95	1	1	5.107463
EV2_serv	BOBJ1	22	64	Before	Interior Girder 5	64	0.95	1	1	4.931698
EV2_serv	BOBJ1	22	64	Before	Interior Girder 6	64	0.95	1	1	4.818826
EV2_serv	BOBJ1	22	64	Before	Right Exterior Girder	64	0.95	1	1	7.694541
EV2_serv	BOBJ1	23	64	After	Left Exterior Girder	64	0.95	1	1	7.571064
EV2_serv	BOBJ1	23	64	After	Interior Girder 1	64	0.95	1	1	4.78611
EV2_serv	BOBJ1	23	64	After	Interior Girder 2	64	0.95	1	1	4.912378
EV2_serv	BOBJ1	23	64	After	Interior Girder 3	64	0.95	1	1	5.107861
EV2_serv	BOBJ1	23	64	After	Interior Girder 4	64	0.95	1	1	5.105737
EV2_serv	BOBJ1	23	64	After	Interior Girder 5	64	0.95	1	1	4.908401
EV2_serv	BOBJ1	23	64	After	Interior Girder 6	64	0.95	1	1	4.786587
EV2_serv	BOBJ1	23	64	After	Right Exterior Girder	64	0.95	1	1	7.579831
EV2_serv	BOBJ1	24	69	Before	Interior Girder 1	69	0.95	1	1	3.692526
EV2_serv	BOBJ1	24	69	Before	Interior Girder 2	69	0.95	1	1	3.766865
EV2_serv	BOBJ1	24	69	Before	Interior Girder 3	69	0.95	1	1	3.71139
EV2_serv	BOBJ1	24	69	Before	Interior Girder 4	69	0.95	1	1	3.70966
EV2_serv	BOBJ1	24	69	Before	Interior Girder 5	69	0.95	1	1	3.762467
EV2_serv	BOBJ1	24	69	Before	Interior Girder 6	69	0.95	1	1	3.693655
EV2_serv	BOBJ1	25	69	After	Interior Girder 1	69	0.95	1	1	7.770163
EV2_serv	BOBJ1	25	69	After	Interior Girder 2	69	0.95	1	1	7.845218
EV2_serv	BOBJ1	25	69	After	Interior Girder 3	69	0.95	1	1	7.793476
EV2_serv	BOBJ1	25	69	After	Interior Girder 4	69	0.95	1	1	7.789567
EV2_serv	BOBJ1	25	69	After	Interior Girder 5	69	0.95	1	1	7.836569
EV2_serv	BOBJ1	25	69	After	Interior Girder 6	69	0.95	1	1	7.772076
EV2_serv	BOBJ1	26	72	Before	Left Exterior Girder	72	0.95	1	1	5.684838
EV2_serv	BOBJ1	26	72	Before	Interior Girder 1	72	0.95	1	1	6.957709
EV2_serv	BOBJ1	26	72	Before	Interior Girder 2	72	0.95	1	1	6.984411
EV2_serv	BOBJ1	26	72	Before	Interior Girder 3	72	0.95	1	1	6.763708
EV2_serv	BOBJ1	26	72	Before	Interior Girder 4	72	0.95	1	1	6.760261
EV2_serv	BOBJ1	26	72	Before	Interior Girder 5	72	0.95	1	1	6.975309
EV2_serv	BOBJ1	26	72	Before	Interior Girder 6	72	0.95	1	1	6.96033
EV2_serv	BOBJ1	26	72	Before	Right Exterior Girder	72	0.95	1	1	5.690009
EV2_serv	BOBJ1	27	72	After	Left Exterior Girder	72	0.95	1	1	5.704849
EV2_serv	BOBJ1	27	72	After	Interior Girder 1	72	0.95	1	1	6.880192
EV2_serv	BOBJ1	27	72	After	Interior Girder 2	72	0.95	1	1	6.914175
EV2_serv	BOBJ1	27	72	After	Interior Girder 3	72	0.95	1	1	6.723743
EV2_serv	BOBJ1	27	72	After	Interior Girder 4	72	0.95	1	1	6.719451
EV2_serv	BOBJ1	27	72	After	Interior Girder 5	72	0.95	1	1	6.904963
EV2_serv	BOBJ1	27	72	After	Interior Girder 6	72	0.95	1	1	6.882856
EV2_serv	BOBJ1	27	72	After	Right Exterior Girder	72	0.95	1	1	5.710109
EV2_serv	BOBJ1	28	72.5	Before	Left Exterior Girder	72.5	0.95	1	1	5.539474
EV2_serv	BOBJ1	28	72.5	Before	Right Exterior Girder	72.5	0.95	1	1	5.544697
EV2_serv	BOBJ1	29	72.5	After	Left Exterior Girder	72.5	0.95	1	1	8.22597
EV2_serv	BOBJ1	29	72.5	After	Right Exterior Girder	72.5	0.95	1	1	8.233782
EV2_serv	BOBJ1	30	80	Before	Left Exterior Girder	80	0.95	1	1	6.038289
EV2_serv	BOBJ1	30	80	Before	Interior Girder 1	80	0.95	1	1	4.878629
EV2_serv	BOBJ1	30	80	Before	Interior Girder 2	80	0.95	1	1	4.621676
EV2_serv	BOBJ1	30	80	Before	Interior Girder 3	80	0.95	1	1	3.92429
EV2_serv	BOBJ1	30	80	Before	Interior Girder 4	80	0.95	1	1	3.928393

TABLE: Bridge Super Rating AASHTORATE18 31 - SteelICompServ-Flx - Approach, Span 4-6										
Request	BridgeObj	BridgeCut	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	Unitless	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
EV2_serv	BOBJ1	30	80	Before	Interior Girder 5	80	0.95	1	1	4.610447
EV2_serv	BOBJ1	30	80	Before	Interior Girder 6	80	0.95	1	1	4.881672
EV2_serv	BOBJ1	30	80	Before	Right Exterior Girder	80	0.95	1	1	6.045205
EV2_serv	BOBJ1	31	80	After	Left Exterior Girder	0	0.95	1	1	5.848479
EV2_serv	BOBJ1	31	80	After	Interior Girder 1	0	0.95	1	1	4.76191
EV2_serv	BOBJ1	31	80	After	Interior Girder 2	0	0.95	1	1	4.550709
EV2_serv	BOBJ1	31	80	After	Interior Girder 3	0	0.95	1	1	3.877374
EV2_serv	BOBJ1	31	80	After	Interior Girder 4	0	0.95	1	1	3.887395
EV2_serv	BOBJ1	31	80	After	Interior Girder 5	0	0.95	1	1	4.54366
EV2_serv	BOBJ1	31	80	After	Interior Girder 6	0	0.95	1	1	4.771048
EV2_serv	BOBJ1	31	80	After	Right Exterior Girder	0	0.95	1	1	5.855288
EV2_serv	BOBJ1	32	87.5	Before	Left Exterior Girder	7.5	0.95	1	1	8.87472
EV2_serv	BOBJ1	32	87.5	Before	Right Exterior Girder	7.5	0.95	1	1	8.88326
EV2_serv	BOBJ1	33	87.5	After	Left Exterior Girder	7.5	0.95	1	1	5.899142
EV2_serv	BOBJ1	33	87.5	After	Right Exterior Girder	7.5	0.95	1	1	5.904777
EV2_serv	BOBJ1	34	88	Before	Left Exterior Girder	8	0.95	1	1	6.048516
EV2_serv	BOBJ1	34	88	Before	Interior Girder 1	8	0.95	1	1	6.894171
EV2_serv	BOBJ1	34	88	Before	Interior Girder 2	8	0.95	1	1	6.85656
EV2_serv	BOBJ1	34	88	Before	Interior Girder 3	8	0.95	1	1	6.5417
EV2_serv	BOBJ1	34	88	Before	Interior Girder 4	8	0.95	1	1	6.538357
EV2_serv	BOBJ1	34	88	Before	Interior Girder 5	8	0.95	1	1	6.84786
EV2_serv	BOBJ1	34	88	Before	Interior Girder 6	8	0.95	1	1	6.896598
EV2_serv	BOBJ1	34	88	Before	Right Exterior Girder	8	0.95	1	1	6.054203
EV2_serv	BOBJ1	35	88	After	Left Exterior Girder	8	0.95	1	1	6.087358
EV2_serv	BOBJ1	35	88	After	Interior Girder 1	8	0.95	1	1	6.910381
EV2_serv	BOBJ1	35	88	After	Interior Girder 2	8	0.95	1	1	6.934801
EV2_serv	BOBJ1	35	88	After	Interior Girder 3	8	0.95	1	1	6.590086
EV2_serv	BOBJ1	35	88	After	Interior Girder 4	8	0.95	1	1	6.587325
EV2_serv	BOBJ1	35	88	After	Interior Girder 5	8	0.95	1	1	6.92593
EV2_serv	BOBJ1	35	88	After	Interior Girder 6	8	0.95	1	1	6.912688
EV2_serv	BOBJ1	35	88	After	Right Exterior Girder	8	0.95	1	1	6.092914
EV2_serv	BOBJ1	36	91	Before	Interior Girder 1	11	0.95	1	1	7.635541
EV2_serv	BOBJ1	36	91	Before	Interior Girder 2	11	0.95	1	1	7.764787
EV2_serv	BOBJ1	36	91	Before	Interior Girder 3	11	0.95	1	1	7.609824
EV2_serv	BOBJ1	36	91	Before	Interior Girder 4	11	0.95	1	1	7.606062
EV2_serv	BOBJ1	36	91	Before	Interior Girder 5	11	0.95	1	1	7.756336
EV2_serv	BOBJ1	36	91	Before	Interior Girder 6	11	0.95	1	1	7.637223
EV2_serv	BOBJ1	37	91	After	Interior Girder 1	11	0.95	1	1	3.373893
EV2_serv	BOBJ1	37	91	After	Interior Girder 2	11	0.95	1	1	3.480447
EV2_serv	BOBJ1	37	91	After	Interior Girder 3	11	0.95	1	1	3.383577
EV2_serv	BOBJ1	37	91	After	Interior Girder 4	11	0.95	1	1	3.38216
EV2_serv	BOBJ1	37	91	After	Interior Girder 5	11	0.95	1	1	3.476505
EV2_serv	BOBJ1	37	91	After	Interior Girder 6	11	0.95	1	1	3.374783
EV2_serv	BOBJ1	38	96	Before	Left Exterior Girder	16	0.95	1	1	8.488095
EV2_serv	BOBJ1	38	96	Before	Interior Girder 1	16	0.95	1	1	4.294683
EV2_serv	BOBJ1	38	96	Before	Interior Girder 2	16	0.95	1	1	4.492909
EV2_serv	BOBJ1	38	96	Before	Interior Girder 3	16	0.95	1	1	4.668444
EV2_serv	BOBJ1	38	96	Before	Interior Girder 4	16	0.95	1	1	4.666463
EV2_serv	BOBJ1	38	96	Before	Interior Girder 5	16	0.95	1	1	4.489408
EV2_serv	BOBJ1	38	96	Before	Interior Girder 6	16	0.95	1	1	4.295022
EV2_serv	BOBJ1	38	96	Before	Right Exterior Girder	16	0.95	1	1	8.494004
EV2_serv	BOBJ1	39	96	After	Left Exterior Girder	16	0.95	1	1	4.01237
EV2_serv	BOBJ1	39	96	After	Interior Girder 1	16	0.95	1	1	4.341588
EV2_serv	BOBJ1	39	96	After	Interior Girder 2	16	0.95	1	1	4.502842
EV2_serv	BOBJ1	39	96	After	Interior Girder 3	16	0.95	1	1	4.647219
EV2_serv	BOBJ1	39	96	After	Interior Girder 4	16	0.95	1	1	4.645445
EV2_serv	BOBJ1	39	96	After	Interior Girder 5	16	0.95	1	1	4.499013
EV2_serv	BOBJ1	39	96	After	Interior Girder 6	16	0.95	1	1	4.342136
EV2_serv	BOBJ1	39	96	After	Right Exterior Girder	16	0.95	1	1	4.015315
EV2_serv	BOBJ1	40	104	Before	Left Exterior Girder	24	0.95	1	1	5.172879
EV2_serv	BOBJ1	40	104	Before	Interior Girder 1	24	0.95	1	1	4.257224
EV2_serv	BOBJ1	40	104	Before	Interior Girder 2	24	0.95	1	1	4.06625
EV2_serv	BOBJ1	40	104	Before	Interior Girder 3	24	0.95	1	1	3.980164
EV2_serv	BOBJ1	40	104	Before	Interior Girder 4	24	0.95	1	1	4.003896
EV2_serv	BOBJ1	40	104	Before	Interior Girder 5	24	0.95	1	1	4.058354
EV2_serv	BOBJ1	40	104	Before	Interior Girder 6	24	0.95	1	1	4.269458
EV2_serv	BOBJ1	40	104	Before	Right Exterior Girder	24	0.95	1	1	5.177696
EV2_serv	BOBJ1	41	104	After	Left Exterior Girder	24	0.95	1	1	5.295031
EV2_serv	BOBJ1	41	104	After	Interior Girder 1	24	0.95	1	1	4.198727
EV2_serv	BOBJ1	41	104	After	Interior Girder 2	24	0.95	1	1	4.060717
EV2_serv	BOBJ1	41	104	After	Interior Girder 3	24	0.95	1	1	4.032624
EV2_serv	BOBJ1	41	104	After	Interior Girder 4	24	0.95	1	1	4.059403
EV2_serv	BOBJ1	41	104	After	Interior Girder 5	24	0.95	1	1	4.056185

TABLE: Bridge Super Rating AASHTORATE18 31 - SteelICompServ-Flx - Approach, Span 4-6										
Request	BridgeObj	BridgeCut	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	Unitless	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
EV2_serv	BOBJ1	41	104	After	Interior Girder 6	24	0.95	1	1	4.210085
EV2_serv	BOBJ1	41	104	After	Right Exterior Girder	24	0.95	1	1	5.299679
EV2_serv	BOBJ1	42	112	Before	Left Exterior Girder	32	0.95	1	1	3.496876
EV2_serv	BOBJ1	42	112	Before	Interior Girder 1	32	0.95	1	1	3.438483
EV2_serv	BOBJ1	42	112	Before	Interior Girder 2	32	0.95	1	1	3.381286
EV2_serv	BOBJ1	42	112	Before	Interior Girder 3	32	0.95	1	1	3.449228
EV2_serv	BOBJ1	42	112	Before	Interior Girder 4	32	0.95	1	1	3.45365
EV2_serv	BOBJ1	42	112	Before	Interior Girder 5	32	0.95	1	1	3.383101
EV2_serv	BOBJ1	42	112	Before	Interior Girder 6	32	0.95	1	1	3.437838
EV2_serv	BOBJ1	42	112	Before	Right Exterior Girder	32	0.95	1	1	3.501262
EV2_serv	BOBJ1	43	112	After	Left Exterior Girder	32	0.95	1	1	3.547402
EV2_serv	BOBJ1	43	112	After	Interior Girder 1	32	0.95	1	1	3.406535
EV2_serv	BOBJ1	43	112	After	Interior Girder 2	32	0.95	1	1	3.373133
EV2_serv	BOBJ1	43	112	After	Interior Girder 3	32	0.95	1	1	3.453709
EV2_serv	BOBJ1	43	112	After	Interior Girder 4	32	0.95	1	1	3.457772
EV2_serv	BOBJ1	43	112	After	Interior Girder 5	32	0.95	1	1	3.376579
EV2_serv	BOBJ1	43	112	After	Interior Girder 6	32	0.95	1	1	3.406031
EV2_serv	BOBJ1	43	112	After	Right Exterior Girder	32	0.95	1	1	3.551626
EV2_serv	BOBJ1	44	120	Before	Left Exterior Girder	40	0.95	1	1	3.335228
EV2_serv	BOBJ1	44	120	Before	Interior Girder 1	40	0.95	1	1	3.032338
EV2_serv	BOBJ1	44	120	Before	Interior Girder 2	40	0.95	1	1	3.011797
EV2_serv	BOBJ1	44	120	Before	Interior Girder 3	40	0.95	1	1	3.01888
EV2_serv	BOBJ1	44	120	Before	Interior Girder 4	40	0.95	1	1	3.031917
EV2_serv	BOBJ1	44	120	Before	Interior Girder 5	40	0.95	1	1	3.004606
EV2_serv	BOBJ1	44	120	Before	Interior Girder 6	40	0.95	1	1	3.039484
EV2_serv	BOBJ1	44	120	Before	Right Exterior Girder	40	0.95	1	1	3.338164
EV2_serv	BOBJ1	45	120	After	Left Exterior Girder	40	0.95	1	1	3.339836
EV2_serv	BOBJ1	45	120	After	Interior Girder 1	40	0.95	1	1	3.029894
EV2_serv	BOBJ1	45	120	After	Interior Girder 2	40	0.95	1	1	3.01029
EV2_serv	BOBJ1	45	120	After	Interior Girder 3	40	0.95	1	1	3.019341
EV2_serv	BOBJ1	45	120	After	Interior Girder 4	40	0.95	1	1	3.0319
EV2_serv	BOBJ1	45	120	After	Interior Girder 5	40	0.95	1	1	3.002961
EV2_serv	BOBJ1	45	120	After	Interior Girder 6	40	0.95	1	1	3.037058
EV2_serv	BOBJ1	45	120	After	Right Exterior Girder	40	0.95	1	1	3.342775
EV2_serv	BOBJ1	46	128	Before	Left Exterior Girder	48	0.95	1	1	3.491797
EV2_serv	BOBJ1	46	128	Before	Interior Girder 1	48	0.95	1	1	3.381086
EV2_serv	BOBJ1	46	128	Before	Interior Girder 2	48	0.95	1	1	3.351676
EV2_serv	BOBJ1	46	128	Before	Interior Girder 3	48	0.95	1	1	3.433602
EV2_serv	BOBJ1	46	128	Before	Interior Girder 4	48	0.95	1	1	3.437617
EV2_serv	BOBJ1	46	128	Before	Interior Girder 5	48	0.95	1	1	3.354998
EV2_serv	BOBJ1	46	128	Before	Interior Girder 6	48	0.95	1	1	3.380584
EV2_serv	BOBJ1	46	128	Before	Right Exterior Girder	48	0.95	1	1	3.495945
EV2_serv	BOBJ1	47	128	After	Left Exterior Girder	48	0.95	1	1	3.449589
EV2_serv	BOBJ1	47	128	After	Interior Girder 1	48	0.95	1	1	3.405733
EV2_serv	BOBJ1	47	128	After	Interior Girder 2	48	0.95	1	1	3.359514
EV2_serv	BOBJ1	47	128	After	Interior Girder 3	48	0.95	1	1	3.430442
EV2_serv	BOBJ1	47	128	After	Interior Girder 4	48	0.95	1	1	3.434752
EV2_serv	BOBJ1	47	128	After	Interior Girder 5	48	0.95	1	1	3.361209
EV2_serv	BOBJ1	47	128	After	Interior Girder 6	48	0.95	1	1	3.405101
EV2_serv	BOBJ1	47	128	After	Right Exterior Girder	48	0.95	1	1	3.453897
EV2_serv	BOBJ1	48	136	Before	Left Exterior Girder	56	0.95	1	1	5.105479
EV2_serv	BOBJ1	48	136	Before	Interior Girder 1	56	0.95	1	1	4.131232
EV2_serv	BOBJ1	48	136	Before	Interior Girder 2	56	0.95	1	1	4.009257
EV2_serv	BOBJ1	48	136	Before	Interior Girder 3	56	0.95	1	1	3.988139
EV2_serv	BOBJ1	48	136	Before	Interior Girder 4	56	0.95	1	1	4.014235
EV2_serv	BOBJ1	48	136	Before	Interior Girder 5	56	0.95	1	1	4.004648
EV2_serv	BOBJ1	48	136	Before	Interior Girder 6	56	0.95	1	1	4.142263
EV2_serv	BOBJ1	48	136	Before	Right Exterior Girder	56	0.95	1	1	5.110012
EV2_serv	BOBJ1	49	136	After	Left Exterior Girder	56	0.95	1	1	4.996283
EV2_serv	BOBJ1	49	136	After	Interior Girder 1	56	0.95	1	1	4.182749
EV2_serv	BOBJ1	49	136	After	Interior Girder 2	56	0.95	1	1	4.015136
EV2_serv	BOBJ1	49	136	After	Interior Girder 3	56	0.95	1	1	3.939294
EV2_serv	BOBJ1	49	136	After	Interior Girder 4	56	0.95	1	1	3.96239
EV2_serv	BOBJ1	49	136	After	Interior Girder 5	56	0.95	1	1	4.007249
EV2_serv	BOBJ1	49	136	After	Interior Girder 6	56	0.95	1	1	4.194589
EV2_serv	BOBJ1	49	136	After	Right Exterior Girder	56	0.95	1	1	5.000965
EV2_serv	BOBJ1	50	144	Before	Left Exterior Girder	64	0.95	1	1	3.958547
EV2_serv	BOBJ1	50	144	Before	Interior Girder 1	64	0.95	1	1	4.263063
EV2_serv	BOBJ1	50	144	Before	Interior Girder 2	64	0.95	1	1	4.460292
EV2_serv	BOBJ1	50	144	Before	Interior Girder 3	64	0.95	1	1	4.64045
EV2_serv	BOBJ1	50	144	Before	Interior Girder 4	64	0.95	1	1	4.638809
EV2_serv	BOBJ1	50	144	Before	Interior Girder 5	64	0.95	1	1	4.456758
EV2_serv	BOBJ1	50	144	Before	Interior Girder 6	64	0.95	1	1	4.263562

TABLE: Bridge Super Rating AASHTORATE18 31 - SteelICompServ-Flx - Approach, Span 4-6										
Request	BridgeObj	BridgeCut	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	Unitless	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
EV2_serv	BOBJ1	50	144	Before	Right Exterior Girder	64	0.95	1	1	3.961318
EV2_serv	BOBJ1	51	144	After	Left Exterior Girder	64	0.95	1	1	7.74028
EV2_serv	BOBJ1	51	144	After	Interior Girder 1	64	0.95	1	1	4.205304
EV2_serv	BOBJ1	51	144	After	Interior Girder 2	64	0.95	1	1	4.447659
EV2_serv	BOBJ1	51	144	After	Interior Girder 3	64	0.95	1	1	4.657755
EV2_serv	BOBJ1	51	144	After	Interior Girder 4	64	0.95	1	1	4.655886
EV2_serv	BOBJ1	51	144	After	Interior Girder 5	64	0.95	1	1	4.44443
EV2_serv	BOBJ1	51	144	After	Interior Girder 6	64	0.95	1	1	4.205653
EV2_serv	BOBJ1	51	144	After	Right Exterior Girder	64	0.95	1	1	7.745421
EV2_serv	BOBJ1	52	150	Before	Interior Girder 1	70	0.95	1	1	3.131826
EV2_serv	BOBJ1	52	150	Before	Interior Girder 2	70	0.95	1	1	3.259681
EV2_serv	BOBJ1	52	150	Before	Interior Girder 3	70	0.95	1	1	3.174853
EV2_serv	BOBJ1	52	150	Before	Interior Girder 4	70	0.95	1	1	3.173546
EV2_serv	BOBJ1	52	150	Before	Interior Girder 5	70	0.95	1	1	3.256033
EV2_serv	BOBJ1	52	150	Before	Interior Girder 6	70	0.95	1	1	3.132698
EV2_serv	BOBJ1	53	150	After	Interior Girder 1	70	0.95	1	1	6.783278
EV2_serv	BOBJ1	53	150	After	Interior Girder 2	70	0.95	1	1	6.934037
EV2_serv	BOBJ1	53	150	After	Interior Girder 3	70	0.95	1	1	6.81012
EV2_serv	BOBJ1	53	150	After	Interior Girder 4	70	0.95	1	1	6.806805
EV2_serv	BOBJ1	53	150	After	Interior Girder 5	70	0.95	1	1	6.926575
EV2_serv	BOBJ1	53	150	After	Interior Girder 6	70	0.95	1	1	6.784836
EV2_serv	BOBJ1	54	152	Before	Left Exterior Girder	72	0.95	1	1	5.464391
EV2_serv	BOBJ1	54	152	Before	Interior Girder 1	72	0.95	1	1	6.308028
EV2_serv	BOBJ1	54	152	Before	Interior Girder 2	72	0.95	1	1	6.416365
EV2_serv	BOBJ1	54	152	Before	Interior Girder 3	72	0.95	1	1	6.177171
EV2_serv	BOBJ1	54	152	Before	Interior Girder 4	72	0.95	1	1	6.174542
EV2_serv	BOBJ1	54	152	Before	Interior Girder 5	72	0.95	1	1	6.408667
EV2_serv	BOBJ1	54	152	Before	Interior Girder 6	72	0.95	1	1	6.309985
EV2_serv	BOBJ1	54	152	Before	Right Exterior Girder	72	0.95	1	1	5.469185
EV2_serv	BOBJ1	55	152	After	Left Exterior Girder	72	0.95	1	1	5.467951
EV2_serv	BOBJ1	55	152	After	Interior Girder 1	72	0.95	1	1	6.279873
EV2_serv	BOBJ1	55	152	After	Interior Girder 2	72	0.95	1	1	6.35339
EV2_serv	BOBJ1	55	152	After	Interior Girder 3	72	0.95	1	1	6.13523
EV2_serv	BOBJ1	55	152	After	Interior Girder 4	72	0.95	1	1	6.132131
EV2_serv	BOBJ1	55	152	After	Interior Girder 5	72	0.95	1	1	6.345814
EV2_serv	BOBJ1	55	152	After	Interior Girder 6	72	0.95	1	1	6.281878
EV2_serv	BOBJ1	55	152	After	Right Exterior Girder	72	0.95	1	1	5.47287
EV2_serv	BOBJ1	56	154	Before	Left Exterior Girder	74	0.95	1	1	4.905732
EV2_serv	BOBJ1	56	154	Before	Right Exterior Girder	74	0.95	1	1	4.910368
EV2_serv	BOBJ1	57	154	After	Left Exterior Girder	74	0.95	1	1	7.409226
EV2_serv	BOBJ1	57	154	After	Right Exterior Girder	74	0.95	1	1	7.416316
EV2_serv	BOBJ1	58	160	Before	Left Exterior Girder	80	0.95	1	1	5.423898
EV2_serv	BOBJ1	58	160	Before	Interior Girder 1	80	0.95	1	1	4.49562
EV2_serv	BOBJ1	58	160	Before	Interior Girder 2	80	0.95	1	1	4.330767
EV2_serv	BOBJ1	58	160	Before	Interior Girder 3	80	0.95	1	1	3.690111
EV2_serv	BOBJ1	58	160	Before	Interior Girder 4	80	0.95	1	1	3.699298
EV2_serv	BOBJ1	58	160	Before	Interior Girder 5	80	0.95	1	1	4.320615
EV2_serv	BOBJ1	58	160	Before	Interior Girder 6	80	0.95	1	1	4.498074
EV2_serv	BOBJ1	58	160	Before	Right Exterior Girder	80	0.95	1	1	5.429153
EV2_serv	BOBJ1	59	160	After	Left Exterior Girder	0	0.95	1	1	5.396555
EV2_serv	BOBJ1	59	160	After	Interior Girder 1	0	0.95	1	1	4.373287
EV2_serv	BOBJ1	59	160	After	Interior Girder 2	0	0.95	1	1	4.246889
EV2_serv	BOBJ1	59	160	After	Interior Girder 3	0	0.95	1	1	3.645413
EV2_serv	BOBJ1	59	160	After	Interior Girder 4	0	0.95	1	1	3.648244
EV2_serv	BOBJ1	59	160	After	Interior Girder 5	0	0.95	1	1	4.237077
EV2_serv	BOBJ1	59	160	After	Interior Girder 6	0	0.95	1	1	4.380496
EV2_serv	BOBJ1	59	160	After	Right Exterior Girder	0	0.95	1	1	5.402933
EV2_serv	BOBJ1	60	166	Before	Left Exterior Girder	6	0.95	1	1	7.497172
EV2_serv	BOBJ1	60	166	Before	Right Exterior Girder	6	0.95	1	1	7.504574
EV2_serv	BOBJ1	61	166	After	Left Exterior Girder	6	0.95	1	1	5.006332
EV2_serv	BOBJ1	61	166	After	Right Exterior Girder	6	0.95	1	1	5.011242
EV2_serv	BOBJ1	62	168	Before	Left Exterior Girder	8	0.95	1	1	5.594965
EV2_serv	BOBJ1	62	168	Before	Interior Girder 1	8	0.95	1	1	6.699704
EV2_serv	BOBJ1	62	168	Before	Interior Girder 2	8	0.95	1	1	6.757947
EV2_serv	BOBJ1	62	168	Before	Interior Girder 3	8	0.95	1	1	6.56066
EV2_serv	BOBJ1	62	168	Before	Interior Girder 4	8	0.95	1	1	6.556553
EV2_serv	BOBJ1	62	168	Before	Interior Girder 5	8	0.95	1	1	6.749089
EV2_serv	BOBJ1	62	168	Before	Interior Girder 6	8	0.95	1	1	6.702111
EV2_serv	BOBJ1	62	168	Before	Right Exterior Girder	8	0.95	1	1	5.600123
EV2_serv	BOBJ1	63	168	After	Left Exterior Girder	8	0.95	1	1	5.552478
EV2_serv	BOBJ1	63	168	After	Interior Girder 1	8	0.95	1	1	6.787448
EV2_serv	BOBJ1	63	168	After	Interior Girder 2	8	0.95	1	1	6.820103
EV2_serv	BOBJ1	63	168	After	Interior Girder 3	8	0.95	1	1	6.602861

TABLE: Bridge Super Rating AASHTORATE18 31 - SteelICompServ-Flx - Approach, Span 4-6										
Request	BridgeObj	BridgeCut	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	Unitless	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
EV2_serv	BOBJ1	63	168	After	Interior Girder 4	8	0.95	1	1	6.599424
EV2_serv	BOBJ1	63	168	After	Interior Girder 5	8	0.95	1	1	6.811391
EV2_serv	BOBJ1	63	168	After	Interior Girder 6	8	0.95	1	1	6.789862
EV2_serv	BOBJ1	63	168	After	Right Exterior Girder	8	0.95	1	1	5.557532
EV2_serv	BOBJ1	64	170	Before	Interior Girder 1	10	0.95	1	1	7.333874
EV2_serv	BOBJ1	64	170	Before	Interior Girder 2	10	0.95	1	1	7.387531
EV2_serv	BOBJ1	64	170	Before	Interior Girder 3	10	0.95	1	1	7.284824
EV2_serv	BOBJ1	64	170	Before	Interior Girder 4	10	0.95	1	1	7.281041
EV2_serv	BOBJ1	64	170	Before	Interior Girder 5	10	0.95	1	1	7.379089
EV2_serv	BOBJ1	64	170	Before	Interior Girder 6	10	0.95	1	1	7.335828
EV2_serv	BOBJ1	65	170	After	Interior Girder 1	10	0.95	1	1	3.611176
EV2_serv	BOBJ1	65	170	After	Interior Girder 2	10	0.95	1	1	3.694668
EV2_serv	BOBJ1	65	170	After	Interior Girder 3	10	0.95	1	1	3.604933
EV2_serv	BOBJ1	65	170	After	Interior Girder 4	10	0.95	1	1	3.603194
EV2_serv	BOBJ1	65	170	After	Interior Girder 5	10	0.95	1	1	3.690234
EV2_serv	BOBJ1	65	170	After	Interior Girder 6	10	0.95	1	1	3.612341
EV2_serv	BOBJ1	66	176	Before	Left Exterior Girder	16	0.95	1	1	7.732049
EV2_serv	BOBJ1	66	176	Before	Interior Girder 1	16	0.95	1	1	4.937653
EV2_serv	BOBJ1	66	176	Before	Interior Girder 2	16	0.95	1	1	5.10326
EV2_serv	BOBJ1	66	176	Before	Interior Girder 3	16	0.95	1	1	5.193697
EV2_serv	BOBJ1	66	176	Before	Interior Girder 4	16	0.95	1	1	5.208996
EV2_serv	BOBJ1	66	176	Before	Interior Girder 5	16	0.95	1	1	5.099253
EV2_serv	BOBJ1	66	176	Before	Interior Girder 6	16	0.95	1	1	4.938132
EV2_serv	BOBJ1	66	176	Before	Right Exterior Girder	16	0.95	1	1	7.739039
EV2_serv	BOBJ1	67	176	After	Left Exterior Girder	16	0.95	1	1	7.66485
EV2_serv	BOBJ1	67	176	After	Interior Girder 1	16	0.95	1	1	4.985394
EV2_serv	BOBJ1	67	176	After	Interior Girder 2	16	0.95	1	1	5.130522
EV2_serv	BOBJ1	67	176	After	Interior Girder 3	16	0.95	1	1	5.268107
EV2_serv	BOBJ1	67	176	After	Interior Girder 4	16	0.95	1	1	5.280274
EV2_serv	BOBJ1	67	176	After	Interior Girder 5	16	0.95	1	1	5.126272
EV2_serv	BOBJ1	67	176	After	Interior Girder 6	16	0.95	1	1	4.986066
EV2_serv	BOBJ1	67	176	After	Right Exterior Girder	16	0.95	1	1	7.672063
EV2_serv	BOBJ1	68	181	Before	Interior Girder 1	21	0.95	1	1	3.59314
EV2_serv	BOBJ1	68	181	Before	Interior Girder 2	21	0.95	1	1	3.404276
EV2_serv	BOBJ1	68	181	Before	Interior Girder 3	21	0.95	1	1	3.333356
EV2_serv	BOBJ1	68	181	Before	Interior Girder 4	21	0.95	1	1	3.354959
EV2_serv	BOBJ1	68	181	Before	Interior Girder 5	21	0.95	1	1	3.397825
EV2_serv	BOBJ1	68	181	Before	Interior Girder 6	21	0.95	1	1	3.60116
EV2_serv	BOBJ1	69	181	After	Interior Girder 1	21	0.95	1	1	5.770368
EV2_serv	BOBJ1	69	181	After	Interior Girder 2	21	0.95	1	1	5.417313
EV2_serv	BOBJ1	69	181	After	Interior Girder 3	21	0.95	1	1	5.424082
EV2_serv	BOBJ1	69	181	After	Interior Girder 4	21	0.95	1	1	5.46036
EV2_serv	BOBJ1	69	181	After	Interior Girder 5	21	0.95	1	1	5.40692
EV2_serv	BOBJ1	69	181	After	Interior Girder 6	21	0.95	1	1	5.783067
EV2_serv	BOBJ1	70	184	Before	Left Exterior Girder	24	0.95	1	1	5.086425
EV2_serv	BOBJ1	70	184	Before	Interior Girder 1	24	0.95	1	1	4.800845
EV2_serv	BOBJ1	70	184	Before	Interior Girder 2	24	0.95	1	1	4.605272
EV2_serv	BOBJ1	70	184	Before	Interior Girder 3	24	0.95	1	1	4.621658
EV2_serv	BOBJ1	70	184	Before	Interior Girder 4	24	0.95	1	1	4.641233
EV2_serv	BOBJ1	70	184	Before	Interior Girder 5	24	0.95	1	1	4.593904
EV2_serv	BOBJ1	70	184	Before	Interior Girder 6	24	0.95	1	1	4.812194
EV2_serv	BOBJ1	70	184	Before	Right Exterior Girder	24	0.95	1	1	5.090004
EV2_serv	BOBJ1	71	184	After	Left Exterior Girder	24	0.95	1	1	5.13488
EV2_serv	BOBJ1	71	184	After	Interior Girder 1	24	0.95	1	1	4.746193
EV2_serv	BOBJ1	71	184	After	Interior Girder 2	24	0.95	1	1	4.610167
EV2_serv	BOBJ1	71	184	After	Interior Girder 3	24	0.95	1	1	4.663709
EV2_serv	BOBJ1	71	184	After	Interior Girder 4	24	0.95	1	1	4.691228
EV2_serv	BOBJ1	71	184	After	Interior Girder 5	24	0.95	1	1	4.602801
EV2_serv	BOBJ1	71	184	After	Interior Girder 6	24	0.95	1	1	4.756961
EV2_serv	BOBJ1	71	184	After	Right Exterior Girder	24	0.95	1	1	5.138108
EV2_serv	BOBJ1	72	192	Before	Left Exterior Girder	32	0.95	1	1	3.785156
EV2_serv	BOBJ1	72	192	Before	Interior Girder 1	32	0.95	1	1	3.54171
EV2_serv	BOBJ1	72	192	Before	Interior Girder 2	32	0.95	1	1	3.554126
EV2_serv	BOBJ1	72	192	Before	Interior Girder 3	32	0.95	1	1	3.65473
EV2_serv	BOBJ1	72	192	Before	Interior Girder 4	32	0.95	1	1	3.65867
EV2_serv	BOBJ1	72	192	Before	Interior Girder 5	32	0.95	1	1	3.551871
EV2_serv	BOBJ1	72	192	Before	Interior Girder 6	32	0.95	1	1	3.541423
EV2_serv	BOBJ1	72	192	Before	Right Exterior Girder	32	0.95	1	1	3.789519
EV2_serv	BOBJ1	73	192	After	Left Exterior Girder	32	0.95	1	1	3.813155
EV2_serv	BOBJ1	73	192	After	Interior Girder 1	32	0.95	1	1	3.501815
EV2_serv	BOBJ1	73	192	After	Interior Girder 2	32	0.95	1	1	3.544981
EV2_serv	BOBJ1	73	192	After	Interior Girder 3	32	0.95	1	1	3.652187
EV2_serv	BOBJ1	73	192	After	Interior Girder 4	32	0.95	1	1	3.656672

TABLE: Bridge Super Rating AASHTORATE18 31 - SteelICompServ-Flx - Approach, Span 4-6										
Request	BridgeObj	BridgeCut	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	Unitless	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
EV2_serv	BOBJ1	73	192	After	Interior Girder 5	32	0.95	1	1	3.544878
EV2_serv	BOBJ1	73	192	After	Interior Girder 6	32	0.95	1	1	3.501669
EV2_serv	BOBJ1	73	192	After	Right Exterior Girder	32	0.95	1	1	3.817301
EV2_serv	BOBJ1	74	200	Before	Left Exterior Girder	40	0.95	1	1	3.297654
EV2_serv	BOBJ1	74	200	Before	Interior Girder 1	40	0.95	1	1	2.87999
EV2_serv	BOBJ1	74	200	Before	Interior Girder 2	40	0.95	1	1	2.926416
EV2_serv	BOBJ1	74	200	Before	Interior Girder 3	40	0.95	1	1	3.019304
EV2_serv	BOBJ1	74	200	Before	Interior Girder 4	40	0.95	1	1	3.02687
EV2_serv	BOBJ1	74	200	Before	Interior Girder 5	40	0.95	1	1	2.920189
EV2_serv	BOBJ1	74	200	Before	Interior Girder 6	40	0.95	1	1	2.885696
EV2_serv	BOBJ1	74	200	Before	Right Exterior Girder	40	0.95	1	1	3.300456
EV2_serv	BOBJ1	75	200	After	Left Exterior Girder	40	0.95	1	1	3.31993
EV2_serv	BOBJ1	75	200	After	Interior Girder 1	40	0.95	1	1	2.87087
EV2_serv	BOBJ1	75	200	After	Interior Girder 2	40	0.95	1	1	2.93367
EV2_serv	BOBJ1	75	200	After	Interior Girder 3	40	0.95	1	1	3.02584
EV2_serv	BOBJ1	75	200	After	Interior Girder 4	40	0.95	1	1	3.038671
EV2_serv	BOBJ1	75	200	After	Interior Girder 5	40	0.95	1	1	2.927643
EV2_serv	BOBJ1	75	200	After	Interior Girder 6	40	0.95	1	1	2.875483
EV2_serv	BOBJ1	75	200	After	Right Exterior Girder	40	0.95	1	1	3.322706
EV2_serv	BOBJ1	76	208	Before	Left Exterior Girder	48	0.95	1	1	3.072087
EV2_serv	BOBJ1	76	208	Before	Interior Girder 1	48	0.95	1	1	2.800963
EV2_serv	BOBJ1	76	208	Before	Interior Girder 2	48	0.95	1	1	2.896688
EV2_serv	BOBJ1	76	208	Before	Interior Girder 3	48	0.95	1	1	2.999393
EV2_serv	BOBJ1	76	208	Before	Interior Girder 4	48	0.95	1	1	3.002683
EV2_serv	BOBJ1	76	208	Before	Interior Girder 5	48	0.95	1	1	2.89537
EV2_serv	BOBJ1	76	208	Before	Interior Girder 6	48	0.95	1	1	2.800789
EV2_serv	BOBJ1	76	208	Before	Right Exterior Girder	48	0.95	1	1	3.075331
EV2_serv	BOBJ1	77	208	After	Left Exterior Girder	48	0.95	1	1	3.06119
EV2_serv	BOBJ1	77	208	After	Interior Girder 1	48	0.95	1	1	2.801913
EV2_serv	BOBJ1	77	208	After	Interior Girder 2	48	0.95	1	1	2.89735
EV2_serv	BOBJ1	77	208	After	Interior Girder 3	48	0.95	1	1	2.996678
EV2_serv	BOBJ1	77	208	After	Interior Girder 4	48	0.95	1	1	2.9992
EV2_serv	BOBJ1	77	208	After	Interior Girder 5	48	0.95	1	1	2.895676
EV2_serv	BOBJ1	77	208	After	Interior Girder 6	48	0.95	1	1	2.801673
EV2_serv	BOBJ1	77	208	After	Right Exterior Girder	48	0.95	1	1	3.06456
EV2_serv	BOBJ1	78	216	Before	Left Exterior Girder	56	0.95	1	1	3.516383
EV2_serv	BOBJ1	78	216	Before	Interior Girder 1	56	0.95	1	1	2.966786
EV2_serv	BOBJ1	78	216	Before	Interior Girder 2	56	0.95	1	1	3.011789
EV2_serv	BOBJ1	78	216	Before	Interior Girder 3	56	0.95	1	1	3.11541
EV2_serv	BOBJ1	78	216	Before	Interior Girder 4	56	0.95	1	1	3.128697
EV2_serv	BOBJ1	78	216	Before	Interior Girder 5	56	0.95	1	1	3.005379
EV2_serv	BOBJ1	78	216	Before	Interior Girder 6	56	0.95	1	1	2.972548
EV2_serv	BOBJ1	78	216	Before	Right Exterior Girder	56	0.95	1	1	3.519728
EV2_serv	BOBJ1	79	216	After	Left Exterior Girder	56	0.95	1	1	3.47097
EV2_serv	BOBJ1	79	216	After	Interior Girder 1	56	0.95	1	1	2.976104
EV2_serv	BOBJ1	79	216	After	Interior Girder 2	56	0.95	1	1	3.010362
EV2_serv	BOBJ1	79	216	After	Interior Girder 3	56	0.95	1	1	3.081386
EV2_serv	BOBJ1	79	216	After	Interior Girder 4	56	0.95	1	1	3.08907
EV2_serv	BOBJ1	79	216	After	Interior Girder 5	56	0.95	1	1	3.003602
EV2_serv	BOBJ1	79	216	After	Interior Girder 6	56	0.95	1	1	2.982235
EV2_serv	BOBJ1	79	216	After	Right Exterior Girder	56	0.95	1	1	3.474386
EV2_serv	BOBJ1	80	224	Before	Left Exterior Girder	64	0.95	1	1	4.529913
EV2_serv	BOBJ1	80	224	Before	Interior Girder 1	64	0.95	1	1	4.065131
EV2_serv	BOBJ1	80	224	Before	Interior Girder 2	64	0.95	1	1	3.993227
EV2_serv	BOBJ1	80	224	Before	Interior Girder 3	64	0.95	1	1	4.091051
EV2_serv	BOBJ1	80	224	Before	Interior Girder 4	64	0.95	1	1	4.096527
EV2_serv	BOBJ1	80	224	Before	Interior Girder 5	64	0.95	1	1	3.995539
EV2_serv	BOBJ1	80	224	Before	Interior Girder 6	64	0.95	1	1	4.064831
EV2_serv	BOBJ1	80	224	Before	Right Exterior Girder	64	0.95	1	1	4.535276
EV2_serv	BOBJ1	81	224	After	Left Exterior Girder	64	0.95	1	1	4.484221
EV2_serv	BOBJ1	81	224	After	Interior Girder 1	64	0.95	1	1	4.110277
EV2_serv	BOBJ1	81	224	After	Interior Girder 2	64	0.95	1	1	3.984795
EV2_serv	BOBJ1	81	224	After	Interior Girder 3	64	0.95	1	1	4.017764
EV2_serv	BOBJ1	81	224	After	Interior Girder 4	64	0.95	1	1	4.01946
EV2_serv	BOBJ1	81	224	After	Interior Girder 5	64	0.95	1	1	3.98316
EV2_serv	BOBJ1	81	224	After	Interior Girder 6	64	0.95	1	1	4.109849
EV2_serv	BOBJ1	81	224	After	Right Exterior Girder	64	0.95	1	1	4.489898
EV2_serv	BOBJ1	82	232	Before	Left Exterior Girder	72	0.95	1	1	8.200786
EV2_serv	BOBJ1	82	232	Before	Interior Girder 1	72	0.95	1	1	7.088168
EV2_serv	BOBJ1	82	232	Before	Interior Girder 2	72	0.95	1	1	6.68852
EV2_serv	BOBJ1	82	232	Before	Interior Girder 3	72	0.95	1	1	6.596999
EV2_serv	BOBJ1	82	232	Before	Interior Girder 4	72	0.95	1	1	6.647264
EV2_serv	BOBJ1	82	232	Before	Interior Girder 5	72	0.95	1	1	6.685672

TABLE: Bridge Super Rating AASHTORATE18 31 - SteelICompServ-Flx - Approach, Span 4-6										
Request	BridgeObj	BridgeCut	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	Unitless	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
EV2_serv	BOBJ1	82	232	Before	Interior Girder 6	72	0.95	1	1	7.108267
EV2_serv	BOBJ1	82	232	Before	Right Exterior Girder	72	0.95	1	1	8.209339
EV2_serv	BOBJ1	83	232	After	Left Exterior Girder	72	0.95	1	1	8.258216
EV2_serv	BOBJ1	83	232	After	Interior Girder 1	72	0.95	1	1	7.03518
EV2_serv	BOBJ1	83	232	After	Interior Girder 2	72	0.95	1	1	6.61122
EV2_serv	BOBJ1	83	232	After	Interior Girder 3	72	0.95	1	1	6.344779
EV2_serv	BOBJ1	83	232	After	Interior Girder 4	72	0.95	1	1	6.382162
EV2_serv	BOBJ1	83	232	After	Interior Girder 5	72	0.95	1	1	6.596656
EV2_serv	BOBJ1	83	232	After	Interior Girder 6	72	0.95	1	1	7.060129
EV2_serv	BOBJ1	83	232	After	Right Exterior Girder	72	0.95	1	1	8.268149
EV2_serv	BOBJ1	84	240	Before	Left Exterior Girder	80	0.95	1	1	65.158205
EV2_serv	BOBJ1	84	240	Before	Interior Girder 1	80	0.95	1	1	37.570332
EV2_serv	BOBJ1	84	240	Before	Interior Girder 2	80	0.95	1	1	31.657445
EV2_serv	BOBJ1	84	240	Before	Interior Girder 3	80	0.95	1	1	22.056416
EV2_serv	BOBJ1	84	240	Before	Interior Girder 4	80	0.95	1	1	22.169271
EV2_serv	BOBJ1	84	240	Before	Interior Girder 5	80	0.95	1	1	31.276343
EV2_serv	BOBJ1	84	240	Before	Interior Girder 6	80	0.95	1	1	37.570332
EV2_serv	BOBJ1	84	240	Before	Right Exterior Girder	80	0.95	1	1	64.816685
EV3_serv	BOBJ1	1	0	After	Left Exterior Girder	0	0.95	1	1	324.521491
EV3_serv	BOBJ1	1	0	After	Interior Girder 1	0	0.95	1	1	366.523349
EV3_serv	BOBJ1	1	0	After	Interior Girder 2	0	0.95	1	1	255.208745
EV3_serv	BOBJ1	1	0	After	Interior Girder 3	0	0.95	1	1	165.307557
EV3_serv	BOBJ1	1	0	After	Interior Girder 4	0	0.95	1	1	168.730434
EV3_serv	BOBJ1	1	0	After	Interior Girder 5	0	0.95	1	1	252.171755
EV3_serv	BOBJ1	1	0	After	Interior Girder 6	0	0.95	1	1	348.062547
EV3_serv	BOBJ1	1	0	After	Right Exterior Girder	0	0.95	1	1	334.732298
EV3_serv	BOBJ1	2	8	Before	Left Exterior Girder	8	0.95	1	1	5.544707
EV3_serv	BOBJ1	2	8	Before	Interior Girder 1	8	0.95	1	1	4.828028
EV3_serv	BOBJ1	2	8	Before	Interior Girder 2	8	0.95	1	1	4.533954
EV3_serv	BOBJ1	2	8	Before	Interior Girder 3	8	0.95	1	1	4.170773
EV3_serv	BOBJ1	2	8	Before	Interior Girder 4	8	0.95	1	1	4.207133
EV3_serv	BOBJ1	2	8	Before	Interior Girder 5	8	0.95	1	1	4.517292
EV3_serv	BOBJ1	2	8	Before	Interior Girder 6	8	0.95	1	1	4.848882
EV3_serv	BOBJ1	2	8	Before	Right Exterior Girder	8	0.95	1	1	5.549915
EV3_serv	BOBJ1	3	8	After	Left Exterior Girder	8	0.95	1	1	5.530167
EV3_serv	BOBJ1	3	8	After	Interior Girder 1	8	0.95	1	1	4.82697
EV3_serv	BOBJ1	3	8	After	Interior Girder 2	8	0.95	1	1	4.62634
EV3_serv	BOBJ1	3	8	After	Interior Girder 3	8	0.95	1	1	4.339962
EV3_serv	BOBJ1	3	8	After	Interior Girder 4	8	0.95	1	1	4.364689
EV3_serv	BOBJ1	3	8	After	Interior Girder 5	8	0.95	1	1	4.610678
EV3_serv	BOBJ1	3	8	After	Interior Girder 6	8	0.95	1	1	4.845907
EV3_serv	BOBJ1	3	8	After	Right Exterior Girder	8	0.95	1	1	5.536915
EV3_serv	BOBJ1	4	16	Before	Left Exterior Girder	16	0.95	1	1	2.923754
EV3_serv	BOBJ1	4	16	Before	Interior Girder 1	16	0.95	1	1	2.984752
EV3_serv	BOBJ1	4	16	Before	Interior Girder 2	16	0.95	1	1	2.846224
EV3_serv	BOBJ1	4	16	Before	Interior Girder 3	16	0.95	1	1	2.825557
EV3_serv	BOBJ1	4	16	Before	Interior Girder 4	16	0.95	1	1	2.823586
EV3_serv	BOBJ1	4	16	Before	Interior Girder 5	16	0.95	1	1	2.844934
EV3_serv	BOBJ1	4	16	Before	Interior Girder 6	16	0.95	1	1	2.98455
EV3_serv	BOBJ1	4	16	Before	Right Exterior Girder	16	0.95	1	1	2.927046
EV3_serv	BOBJ1	5	16	After	Left Exterior Girder	16	0.95	1	1	2.940845
EV3_serv	BOBJ1	5	16	After	Interior Girder 1	16	0.95	1	1	2.961601
EV3_serv	BOBJ1	5	16	After	Interior Girder 2	16	0.95	1	1	2.854895
EV3_serv	BOBJ1	5	16	After	Interior Girder 3	16	0.95	1	1	2.86625
EV3_serv	BOBJ1	5	16	After	Interior Girder 4	16	0.95	1	1	2.866933
EV3_serv	BOBJ1	5	16	After	Interior Girder 5	16	0.95	1	1	2.854865
EV3_serv	BOBJ1	5	16	After	Interior Girder 6	16	0.95	1	1	2.9614
EV3_serv	BOBJ1	5	16	After	Right Exterior Girder	16	0.95	1	1	2.944615
EV3_serv	BOBJ1	6	20.5	Before	Left Exterior Girder	20.5	0.95	1	1	2.510024
EV3_serv	BOBJ1	6	20.5	Before	Right Exterior Girder	20.5	0.95	1	1	2.512227
EV3_serv	BOBJ1	7	20.5	After	Left Exterior Girder	20.5	0.95	1	1	2.995585
EV3_serv	BOBJ1	7	20.5	After	Right Exterior Girder	20.5	0.95	1	1	2.998062
EV3_serv	BOBJ1	8	24	Before	Left Exterior Girder	24	0.95	1	1	2.757556
EV3_serv	BOBJ1	8	24	Before	Interior Girder 1	24	0.95	1	1	2.198747
EV3_serv	BOBJ1	8	24	Before	Interior Girder 2	24	0.95	1	1	2.169897
EV3_serv	BOBJ1	8	24	Before	Interior Girder 3	24	0.95	1	1	2.181718
EV3_serv	BOBJ1	8	24	Before	Interior Girder 4	24	0.95	1	1	2.187924
EV3_serv	BOBJ1	8	24	Before	Interior Girder 5	24	0.95	1	1	2.164941
EV3_serv	BOBJ1	8	24	Before	Interior Girder 6	24	0.95	1	1	2.203346
EV3_serv	BOBJ1	8	24	Before	Right Exterior Girder	24	0.95	1	1	2.760117
EV3_serv	BOBJ1	9	24	After	Left Exterior Girder	24	0.95	1	1	2.742676
EV3_serv	BOBJ1	9	24	After	Interior Girder 1	24	0.95	1	1	2.204446
EV3_serv	BOBJ1	9	24	After	Interior Girder 2	24	0.95	1	1	2.167613

TABLE: Bridge Super Rating AASHTORATE18 31 - SteelICompServ-Flx - Approach, Span 4-6										
Request	BridgeObj	BridgeCut	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	Unitless	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
EV3_serv	BOBJ1	9	24	After	Interior Girder 3	24	0.95	1	1	2.193089
EV3_serv	BOBJ1	9	24	After	Interior Girder 4	24	0.95	1	1	2.201654
EV3_serv	BOBJ1	9	24	After	Interior Girder 5	24	0.95	1	1	2.162697
EV3_serv	BOBJ1	9	24	After	Interior Girder 6	24	0.95	1	1	2.209036
EV3_serv	BOBJ1	9	24	After	Right Exterior Girder	24	0.95	1	1	2.745115
EV3_serv	BOBJ1	10	32	Before	Left Exterior Girder	32	0.95	1	1	2.394396
EV3_serv	BOBJ1	10	32	Before	Interior Girder 1	32	0.95	1	1	2.094581
EV3_serv	BOBJ1	10	32	Before	Interior Girder 2	32	0.95	1	1	2.064639
EV3_serv	BOBJ1	10	32	Before	Interior Girder 3	32	0.95	1	1	2.126962
EV3_serv	BOBJ1	10	32	Before	Interior Girder 4	32	0.95	1	1	2.127685
EV3_serv	BOBJ1	10	32	Before	Interior Girder 5	32	0.95	1	1	2.063144
EV3_serv	BOBJ1	10	32	Before	Interior Girder 6	32	0.95	1	1	2.094364
EV3_serv	BOBJ1	10	32	Before	Right Exterior Girder	32	0.95	1	1	2.397348
EV3_serv	BOBJ1	11	32	After	Left Exterior Girder	32	0.95	1	1	2.399628
EV3_serv	BOBJ1	11	32	After	Interior Girder 1	32	0.95	1	1	2.09462
EV3_serv	BOBJ1	11	32	After	Interior Girder 2	32	0.95	1	1	2.059783
EV3_serv	BOBJ1	11	32	After	Interior Girder 3	32	0.95	1	1	2.123482
EV3_serv	BOBJ1	11	32	After	Interior Girder 4	32	0.95	1	1	2.124628
EV3_serv	BOBJ1	11	32	After	Interior Girder 5	32	0.95	1	1	2.058778
EV3_serv	BOBJ1	11	32	After	Interior Girder 6	32	0.95	1	1	2.094473
EV3_serv	BOBJ1	11	32	After	Right Exterior Girder	32	0.95	1	1	2.40236
EV3_serv	BOBJ1	12	40	Before	Left Exterior Girder	40	0.95	1	1	2.54444
EV3_serv	BOBJ1	12	40	Before	Interior Girder 1	40	0.95	1	1	2.098031
EV3_serv	BOBJ1	12	40	Before	Interior Girder 2	40	0.95	1	1	2.084357
EV3_serv	BOBJ1	12	40	Before	Interior Girder 3	40	0.95	1	1	2.139663
EV3_serv	BOBJ1	12	40	Before	Interior Girder 4	40	0.95	1	1	2.148868
EV3_serv	BOBJ1	12	40	Before	Interior Girder 5	40	0.95	1	1	2.080354
EV3_serv	BOBJ1	12	40	Before	Interior Girder 6	40	0.95	1	1	2.102106
EV3_serv	BOBJ1	12	40	Before	Right Exterior Girder	40	0.95	1	1	2.546617
EV3_serv	BOBJ1	13	40	After	Left Exterior Girder	40	0.95	1	1	2.550768
EV3_serv	BOBJ1	13	40	After	Interior Girder 1	40	0.95	1	1	2.104573
EV3_serv	BOBJ1	13	40	After	Interior Girder 2	40	0.95	1	1	2.079603
EV3_serv	BOBJ1	13	40	After	Interior Girder 3	40	0.95	1	1	2.134786
EV3_serv	BOBJ1	13	40	After	Interior Girder 4	40	0.95	1	1	2.141222
EV3_serv	BOBJ1	13	40	After	Interior Girder 5	40	0.95	1	1	2.075232
EV3_serv	BOBJ1	13	40	After	Interior Girder 6	40	0.95	1	1	2.108699
EV3_serv	BOBJ1	13	40	After	Right Exterior Girder	40	0.95	1	1	2.552991
EV3_serv	BOBJ1	14	46.5	Before	Left Exterior Girder	46.5	0.95	1	1	2.747713
EV3_serv	BOBJ1	14	46.5	Before	Right Exterior Girder	46.5	0.95	1	1	2.750672
EV3_serv	BOBJ1	15	46.5	After	Left Exterior Girder	46.5	0.95	1	1	2.366681
EV3_serv	BOBJ1	15	46.5	After	Right Exterior Girder	46.5	0.95	1	1	2.369321
EV3_serv	BOBJ1	16	48	Before	Left Exterior Girder	48	0.95	1	1	2.444039
EV3_serv	BOBJ1	16	48	Before	Interior Girder 1	48	0.95	1	1	2.554471
EV3_serv	BOBJ1	16	48	Before	Interior Girder 2	48	0.95	1	1	2.538964
EV3_serv	BOBJ1	16	48	Before	Interior Girder 3	48	0.95	1	1	2.606016
EV3_serv	BOBJ1	16	48	Before	Interior Girder 4	48	0.95	1	1	2.608461
EV3_serv	BOBJ1	16	48	Before	Interior Girder 5	48	0.95	1	1	2.538301
EV3_serv	BOBJ1	16	48	Before	Interior Girder 6	48	0.95	1	1	2.554322
EV3_serv	BOBJ1	16	48	Before	Right Exterior Girder	48	0.95	1	1	2.446927
EV3_serv	BOBJ1	17	48	After	Left Exterior Girder	48	0.95	1	1	2.43168
EV3_serv	BOBJ1	17	48	After	Interior Girder 1	48	0.95	1	1	2.585572
EV3_serv	BOBJ1	17	48	After	Interior Girder 2	48	0.95	1	1	2.542329
EV3_serv	BOBJ1	17	48	After	Interior Girder 3	48	0.95	1	1	2.603219
EV3_serv	BOBJ1	17	48	After	Interior Girder 4	48	0.95	1	1	2.604945
EV3_serv	BOBJ1	17	48	After	Interior Girder 5	48	0.95	1	1	2.540365
EV3_serv	BOBJ1	17	48	After	Interior Girder 6	48	0.95	1	1	2.585349
EV3_serv	BOBJ1	17	48	After	Right Exterior Girder	48	0.95	1	1	2.43463
EV3_serv	BOBJ1	18	56	Before	Left Exterior Girder	56	0.95	1	1	3.320879
EV3_serv	BOBJ1	18	56	Before	Interior Girder 1	56	0.95	1	1	3.419924
EV3_serv	BOBJ1	18	56	Before	Interior Girder 2	56	0.95	1	1	3.305826
EV3_serv	BOBJ1	18	56	Before	Interior Girder 3	56	0.95	1	1	3.334074
EV3_serv	BOBJ1	18	56	Before	Interior Girder 4	56	0.95	1	1	3.354098
EV3_serv	BOBJ1	18	56	Before	Interior Girder 5	56	0.95	1	1	3.298666
EV3_serv	BOBJ1	18	56	Before	Interior Girder 6	56	0.95	1	1	3.427545
EV3_serv	BOBJ1	18	56	Before	Right Exterior Girder	56	0.95	1	1	3.323287
EV3_serv	BOBJ1	19	56	After	Left Exterior Girder	56	0.95	1	1	3.287964
EV3_serv	BOBJ1	19	56	After	Interior Girder 1	56	0.95	1	1	3.463152
EV3_serv	BOBJ1	19	56	After	Interior Girder 2	56	0.95	1	1	3.306001
EV3_serv	BOBJ1	19	56	After	Interior Girder 3	56	0.95	1	1	3.310896
EV3_serv	BOBJ1	19	56	After	Interior Girder 4	56	0.95	1	1	3.323484
EV3_serv	BOBJ1	19	56	After	Interior Girder 5	56	0.95	1	1	3.297131
EV3_serv	BOBJ1	19	56	After	Interior Girder 6	56	0.95	1	1	3.47126
EV3_serv	BOBJ1	19	56	After	Right Exterior Girder	56	0.95	1	1	3.290788

TABLE: Bridge Super Rating AASHTORATE18 31 - SteelICompServ-Flx - Approach, Span 4-6										
Request	BridgeObj	BridgeCut	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	Unitless	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
EV3_serv	BOBJ1	20	59	Before	Interior Girder 1	59	0.95	1	1	4.117837
EV3_serv	BOBJ1	20	59	Before	Interior Girder 2	59	0.95	1	1	3.885591
EV3_serv	BOBJ1	20	59	Before	Interior Girder 3	59	0.95	1	1	3.906211
EV3_serv	BOBJ1	20	59	Before	Interior Girder 4	59	0.95	1	1	3.92701
EV3_serv	BOBJ1	20	59	Before	Interior Girder 5	59	0.95	1	1	3.877189
EV3_serv	BOBJ1	20	59	Before	Interior Girder 6	59	0.95	1	1	4.128081
EV3_serv	BOBJ1	21	59	After	Interior Girder 1	59	0.95	1	1	2.357203
EV3_serv	BOBJ1	21	59	After	Interior Girder 2	59	0.95	1	1	2.246022
EV3_serv	BOBJ1	21	59	After	Interior Girder 3	59	0.95	1	1	2.20418
EV3_serv	BOBJ1	21	59	After	Interior Girder 4	59	0.95	1	1	2.216227
EV3_serv	BOBJ1	21	59	After	Interior Girder 5	59	0.95	1	1	2.241072
EV3_serv	BOBJ1	21	59	After	Interior Girder 6	59	0.95	1	1	2.363308
EV3_serv	BOBJ1	22	64	Before	Left Exterior Girder	64	0.95	1	1	5.120935
EV3_serv	BOBJ1	22	64	Before	Interior Girder 1	64	0.95	1	1	3.212106
EV3_serv	BOBJ1	22	64	Before	Interior Girder 2	64	0.95	1	1	3.292743
EV3_serv	BOBJ1	22	64	Before	Interior Girder 3	64	0.95	1	1	3.404505
EV3_serv	BOBJ1	22	64	Before	Interior Girder 4	64	0.95	1	1	3.403158
EV3_serv	BOBJ1	22	64	Before	Interior Girder 5	64	0.95	1	1	3.290025
EV3_serv	BOBJ1	22	64	Before	Interior Girder 6	64	0.95	1	1	3.212537
EV3_serv	BOBJ1	22	64	Before	Right Exterior Girder	64	0.95	1	1	5.125401
EV3_serv	BOBJ1	23	64	After	Left Exterior Girder	64	0.95	1	1	5.03847
EV3_serv	BOBJ1	23	64	After	Interior Girder 1	64	0.95	1	1	3.190777
EV3_serv	BOBJ1	23	64	After	Interior Girder 2	64	0.95	1	1	3.276824
EV3_serv	BOBJ1	23	64	After	Interior Girder 3	64	0.95	1	1	3.40348
EV3_serv	BOBJ1	23	64	After	Interior Girder 4	64	0.95	1	1	3.401985
EV3_serv	BOBJ1	23	64	After	Interior Girder 5	64	0.95	1	1	3.274257
EV3_serv	BOBJ1	23	64	After	Interior Girder 6	64	0.95	1	1	3.191092
EV3_serv	BOBJ1	23	64	After	Right Exterior Girder	64	0.95	1	1	5.045493
EV3_serv	BOBJ1	24	69	Before	Interior Girder 1	69	0.95	1	1	2.462258
EV3_serv	BOBJ1	24	69	Before	Interior Girder 2	69	0.95	1	1	2.511679
EV3_serv	BOBJ1	24	69	Before	Interior Girder 3	69	0.95	1	1	2.465562
EV3_serv	BOBJ1	24	69	Before	Interior Girder 4	69	0.95	1	1	2.464464
EV3_serv	BOBJ1	24	69	Before	Interior Girder 5	69	0.95	1	1	2.508851
EV3_serv	BOBJ1	24	69	Before	Interior Girder 6	69	0.95	1	1	2.462976
EV3_serv	BOBJ1	25	69	After	Interior Girder 1	69	0.95	1	1	5.179921
EV3_serv	BOBJ1	25	69	After	Interior Girder 2	69	0.95	1	1	5.230443
EV3_serv	BOBJ1	25	69	After	Interior Girder 3	69	0.95	1	1	5.175739
EV3_serv	BOBJ1	25	69	After	Interior Girder 4	69	0.95	1	1	5.173172
EV3_serv	BOBJ1	25	69	After	Interior Girder 5	69	0.95	1	1	5.224832
EV3_serv	BOBJ1	25	69	After	Interior Girder 6	69	0.95	1	1	5.181148
EV3_serv	BOBJ1	26	72	Before	Left Exterior Girder	72	0.95	1	1	3.790193
EV3_serv	BOBJ1	26	72	Before	Interior Girder 1	72	0.95	1	1	4.641246
EV3_serv	BOBJ1	26	72	Before	Interior Girder 2	72	0.95	1	1	4.651533
EV3_serv	BOBJ1	26	72	Before	Interior Girder 3	72	0.95	1	1	4.480717
EV3_serv	BOBJ1	26	72	Before	Interior Girder 4	72	0.95	1	1	4.478622
EV3_serv	BOBJ1	26	72	Before	Interior Girder 5	72	0.95	1	1	4.645656
EV3_serv	BOBJ1	26	72	Before	Interior Girder 6	72	0.95	1	1	4.642914
EV3_serv	BOBJ1	26	72	Before	Right Exterior Girder	72	0.95	1	1	3.793892
EV3_serv	BOBJ1	27	72	After	Left Exterior Girder	72	0.95	1	1	3.80423
EV3_serv	BOBJ1	27	72	After	Interior Girder 1	72	0.95	1	1	4.589969
EV3_serv	BOBJ1	27	72	After	Interior Girder 2	72	0.95	1	1	4.596101
EV3_serv	BOBJ1	27	72	After	Interior Girder 3	72	0.95	1	1	4.447864
EV3_serv	BOBJ1	27	72	After	Interior Girder 4	72	0.95	1	1	4.445376
EV3_serv	BOBJ1	27	72	After	Interior Girder 5	72	0.95	1	1	4.590103
EV3_serv	BOBJ1	27	72	After	Interior Girder 6	72	0.95	1	1	4.59169
EV3_serv	BOBJ1	27	72	After	Right Exterior Girder	72	0.95	1	1	3.807922
EV3_serv	BOBJ1	28	72.5	Before	Left Exterior Girder	72.5	0.95	1	1	3.693967
EV3_serv	BOBJ1	28	72.5	Before	Right Exterior Girder	72.5	0.95	1	1	3.697632
EV3_serv	BOBJ1	29	72.5	After	Left Exterior Girder	72.5	0.95	1	1	5.485336
EV3_serv	BOBJ1	29	72.5	After	Right Exterior Girder	72.5	0.95	1	1	5.490834
EV3_serv	BOBJ1	30	80	Before	Left Exterior Girder	80	0.95	1	1	4.026653
EV3_serv	BOBJ1	30	80	Before	Interior Girder 1	80	0.95	1	1	3.238595
EV3_serv	BOBJ1	30	80	Before	Interior Girder 2	80	0.95	1	1	3.05682
EV3_serv	BOBJ1	30	80	Before	Interior Girder 3	80	0.95	1	1	2.588653
EV3_serv	BOBJ1	30	80	Before	Interior Girder 4	80	0.95	1	1	2.59355
EV3_serv	BOBJ1	30	80	Before	Interior Girder 5	80	0.95	1	1	3.049967
EV3_serv	BOBJ1	30	80	Before	Interior Girder 6	80	0.95	1	1	3.24052
EV3_serv	BOBJ1	30	80	Before	Right Exterior Girder	80	0.95	1	1	4.031522
EV3_serv	BOBJ1	31	80	After	Left Exterior Girder	0	0.95	1	1	3.903034
EV3_serv	BOBJ1	31	80	After	Interior Girder 1	0	0.95	1	1	3.147848
EV3_serv	BOBJ1	31	80	After	Interior Girder 2	0	0.95	1	1	3.018084
EV3_serv	BOBJ1	31	80	After	Interior Girder 3	0	0.95	1	1	2.57202
EV3_serv	BOBJ1	31	80	After	Interior Girder 4	0	0.95	1	1	2.578428

TABLE: Bridge Super Rating AASHTORATE18 31 - SteelICompServ-Flx - Approach, Span 4-6										
Request	BridgeObj	BridgeCut	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	Unitless	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
EV3_serv	BOBJ1	31	80	After	Interior Girder 5	0	0.95	1	1	3.008839
EV3_serv	BOBJ1	31	80	After	Interior Girder 6	0	0.95	1	1	3.153551
EV3_serv	BOBJ1	31	80	After	Right Exterior Girder	0	0.95	1	1	3.90784
EV3_serv	BOBJ1	32	87.5	Before	Left Exterior Girder	7.5	0.95	1	1	5.923871
EV3_serv	BOBJ1	32	87.5	Before	Right Exterior Girder	7.5	0.95	1	1	5.929985
EV3_serv	BOBJ1	33	87.5	After	Left Exterior Girder	7.5	0.95	1	1	3.936835
EV3_serv	BOBJ1	33	87.5	After	Right Exterior Girder	7.5	0.95	1	1	3.940792
EV3_serv	BOBJ1	34	88	Before	Left Exterior Girder	8	0.95	1	1	4.036631
EV3_serv	BOBJ1	34	88	Before	Interior Girder 1	8	0.95	1	1	4.604406
EV3_serv	BOBJ1	34	88	Before	Interior Girder 2	8	0.95	1	1	4.565578
EV3_serv	BOBJ1	34	88	Before	Interior Girder 3	8	0.95	1	1	4.348487
EV3_serv	BOBJ1	34	88	Before	Interior Girder 4	8	0.95	1	1	4.346152
EV3_serv	BOBJ1	34	88	Before	Interior Girder 5	8	0.95	1	1	4.559334
EV3_serv	BOBJ1	34	88	Before	Interior Girder 6	8	0.95	1	1	4.606098
EV3_serv	BOBJ1	34	88	Before	Right Exterior Girder	8	0.95	1	1	4.040625
EV3_serv	BOBJ1	35	88	After	Left Exterior Girder	8	0.95	1	1	4.062748
EV3_serv	BOBJ1	35	88	After	Interior Girder 1	8	0.95	1	1	4.615178
EV3_serv	BOBJ1	35	88	After	Interior Girder 2	8	0.95	1	1	4.619406
EV3_serv	BOBJ1	35	88	After	Interior Girder 3	8	0.95	1	1	4.380092
EV3_serv	BOBJ1	35	88	After	Interior Girder 4	8	0.95	1	1	4.378151
EV3_serv	BOBJ1	35	88	After	Interior Girder 5	8	0.95	1	1	4.613318
EV3_serv	BOBJ1	35	88	After	Interior Girder 6	8	0.95	1	1	4.616765
EV3_serv	BOBJ1	35	88	After	Right Exterior Girder	8	0.95	1	1	4.066635
EV3_serv	BOBJ1	36	91	Before	Interior Girder 1	11	0.95	1	1	5.099222
EV3_serv	BOBJ1	36	91	Before	Interior Girder 2	11	0.95	1	1	5.176965
EV3_serv	BOBJ1	36	91	Before	Interior Girder 3	11	0.95	1	1	5.061704
EV3_serv	BOBJ1	36	91	Before	Interior Girder 4	11	0.95	1	1	5.059176
EV3_serv	BOBJ1	36	91	Before	Interior Girder 5	11	0.95	1	1	5.171159
EV3_serv	BOBJ1	36	91	Before	Interior Girder 6	11	0.95	1	1	5.10038
EV3_serv	BOBJ1	37	91	After	Interior Girder 1	11	0.95	1	1	2.253317
EV3_serv	BOBJ1	37	91	After	Interior Girder 2	11	0.95	1	1	2.321144
EV3_serv	BOBJ1	37	91	After	Interior Girder 3	11	0.95	1	1	2.250311
EV3_serv	BOBJ1	37	91	After	Interior Girder 4	11	0.95	1	1	2.249358
EV3_serv	BOBJ1	37	91	After	Interior Girder 5	11	0.95	1	1	2.318436
EV3_serv	BOBJ1	37	91	After	Interior Girder 6	11	0.95	1	1	2.253933
EV3_serv	BOBJ1	38	96	Before	Left Exterior Girder	16	0.95	1	1	5.666386
EV3_serv	BOBJ1	38	96	Before	Interior Girder 1	16	0.95	1	1	2.867865
EV3_serv	BOBJ1	38	96	Before	Interior Girder 2	16	0.95	1	1	2.999053
EV3_serv	BOBJ1	38	96	Before	Interior Girder 3	16	0.95	1	1	3.113338
EV3_serv	BOBJ1	38	96	Before	Interior Girder 4	16	0.95	1	1	3.111915
EV3_serv	BOBJ1	38	96	Before	Interior Girder 5	16	0.95	1	1	2.996748
EV3_serv	BOBJ1	38	96	Before	Interior Girder 6	16	0.95	1	1	2.868106
EV3_serv	BOBJ1	38	96	Before	Right Exterior Girder	16	0.95	1	1	5.670524
EV3_serv	BOBJ1	39	96	After	Left Exterior Girder	16	0.95	1	1	2.678058
EV3_serv	BOBJ1	39	96	After	Interior Girder 1	16	0.95	1	1	2.898703
EV3_serv	BOBJ1	39	96	After	Interior Girder 2	16	0.95	1	1	3.005766
EV3_serv	BOBJ1	39	96	After	Interior Girder 3	16	0.95	1	1	3.099228
EV3_serv	BOBJ1	39	96	After	Interior Girder 4	16	0.95	1	1	3.097949
EV3_serv	BOBJ1	39	96	After	Interior Girder 5	16	0.95	1	1	3.003247
EV3_serv	BOBJ1	39	96	After	Interior Girder 6	16	0.95	1	1	2.899078
EV3_serv	BOBJ1	39	96	After	Right Exterior Girder	16	0.95	1	1	2.680117
EV3_serv	BOBJ1	40	104	Before	Left Exterior Girder	24	0.95	1	1	3.377142
EV3_serv	BOBJ1	40	104	Before	Interior Girder 1	24	0.95	1	1	2.789119
EV3_serv	BOBJ1	40	104	Before	Interior Girder 2	24	0.95	1	1	2.656709
EV3_serv	BOBJ1	40	104	Before	Interior Girder 3	24	0.95	1	1	2.608844
EV3_serv	BOBJ1	40	104	Before	Interior Girder 4	24	0.95	1	1	2.624946
EV3_serv	BOBJ1	40	104	Before	Interior Girder 5	24	0.95	1	1	2.650766
EV3_serv	BOBJ1	40	104	Before	Interior Girder 6	24	0.95	1	1	2.797197
EV3_serv	BOBJ1	40	104	Before	Right Exterior Girder	24	0.95	1	1	3.380381
EV3_serv	BOBJ1	41	104	After	Left Exterior Girder	24	0.95	1	1	3.457099
EV3_serv	BOBJ1	41	104	After	Interior Girder 1	24	0.95	1	1	2.744788
EV3_serv	BOBJ1	41	104	After	Interior Girder 2	24	0.95	1	1	2.653086
EV3_serv	BOBJ1	41	104	After	Interior Girder 3	24	0.95	1	1	2.636452
EV3_serv	BOBJ1	41	104	After	Interior Girder 4	24	0.95	1	1	2.655474
EV3_serv	BOBJ1	41	104	After	Interior Girder 5	24	0.95	1	1	2.649353
EV3_serv	BOBJ1	41	104	After	Interior Girder 6	24	0.95	1	1	2.752542
EV3_serv	BOBJ1	41	104	After	Right Exterior Girder	24	0.95	1	1	3.460182
EV3_serv	BOBJ1	42	112	Before	Left Exterior Girder	32	0.95	1	1	2.283546
EV3_serv	BOBJ1	42	112	Before	Interior Girder 1	32	0.95	1	1	2.240988
EV3_serv	BOBJ1	42	112	Before	Interior Girder 2	32	0.95	1	1	2.193487
EV3_serv	BOBJ1	42	112	Before	Interior Girder 3	32	0.95	1	1	2.249403
EV3_serv	BOBJ1	42	112	Before	Interior Girder 4	32	0.95	1	1	2.250563
EV3_serv	BOBJ1	42	112	Before	Interior Girder 5	32	0.95	1	1	2.193258

TABLE: Bridge Super Rating AASHTORATE18 31 - SteelICompServ-Flx - Approach, Span 4-6										
Request	BridgeObj	BridgeCut	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	Unitless	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
EV3_serv	BOBJ1	42	112	Before	Interior Girder 6	32	0.95	1	1	2.240554
EV3_serv	BOBJ1	42	112	Before	Right Exterior Girder	32	0.95	1	1	2.286526
EV3_serv	BOBJ1	43	112	After	Left Exterior Girder	32	0.95	1	1	2.314631
EV3_serv	BOBJ1	43	112	After	Interior Girder 1	32	0.95	1	1	2.22027
EV3_serv	BOBJ1	43	112	After	Interior Girder 2	32	0.95	1	1	2.186155
EV3_serv	BOBJ1	43	112	After	Interior Girder 3	32	0.95	1	1	2.250031
EV3_serv	BOBJ1	43	112	After	Interior Girder 4	32	0.95	1	1	2.250894
EV3_serv	BOBJ1	43	112	After	Interior Girder 5	32	0.95	1	1	2.186829
EV3_serv	BOBJ1	43	112	After	Interior Girder 6	32	0.95	1	1	2.219926
EV3_serv	BOBJ1	43	112	After	Right Exterior Girder	32	0.95	1	1	2.317533
EV3_serv	BOBJ1	44	120	Before	Left Exterior Girder	40	0.95	1	1	2.164342
EV3_serv	BOBJ1	44	120	Before	Interior Girder 1	40	0.95	1	1	1.946648
EV3_serv	BOBJ1	44	120	Before	Interior Girder 2	40	0.95	1	1	1.939593
EV3_serv	BOBJ1	44	120	Before	Interior Girder 3	40	0.95	1	1	1.962609
EV3_serv	BOBJ1	44	120	Before	Interior Girder 4	40	0.95	1	1	1.971961
EV3_serv	BOBJ1	44	120	Before	Interior Girder 5	40	0.95	1	1	1.935054
EV3_serv	BOBJ1	44	120	Before	Interior Girder 6	40	0.95	1	1	1.951116
EV3_serv	BOBJ1	44	120	Before	Right Exterior Girder	40	0.95	1	1	2.16619
EV3_serv	BOBJ1	45	120	After	Left Exterior Girder	40	0.95	1	1	2.166871
EV3_serv	BOBJ1	45	120	After	Interior Girder 1	40	0.95	1	1	1.944887
EV3_serv	BOBJ1	45	120	After	Interior Girder 2	40	0.95	1	1	1.939172
EV3_serv	BOBJ1	45	120	After	Interior Girder 3	40	0.95	1	1	1.962785
EV3_serv	BOBJ1	45	120	After	Interior Girder 4	40	0.95	1	1	1.97208
EV3_serv	BOBJ1	45	120	After	Interior Girder 5	40	0.95	1	1	1.934593
EV3_serv	BOBJ1	45	120	After	Interior Girder 6	40	0.95	1	1	1.949335
EV3_serv	BOBJ1	45	120	After	Right Exterior Girder	40	0.95	1	1	2.16872
EV3_serv	BOBJ1	46	128	Before	Left Exterior Girder	48	0.95	1	1	2.277204
EV3_serv	BOBJ1	46	128	Before	Interior Girder 1	48	0.95	1	1	2.203945
EV3_serv	BOBJ1	46	128	Before	Interior Girder 2	48	0.95	1	1	2.17266
EV3_serv	BOBJ1	46	128	Before	Interior Girder 3	48	0.95	1	1	2.237707
EV3_serv	BOBJ1	46	128	Before	Interior Girder 4	48	0.95	1	1	2.238557
EV3_serv	BOBJ1	46	128	Before	Interior Girder 5	48	0.95	1	1	2.173269
EV3_serv	BOBJ1	46	128	Before	Interior Girder 6	48	0.95	1	1	2.203592
EV3_serv	BOBJ1	46	128	Before	Right Exterior Girder	48	0.95	1	1	2.280051
EV3_serv	BOBJ1	47	128	After	Left Exterior Girder	48	0.95	1	1	2.251421
EV3_serv	BOBJ1	47	128	After	Interior Girder 1	48	0.95	1	1	2.219748
EV3_serv	BOBJ1	47	128	After	Interior Girder 2	48	0.95	1	1	2.179821
EV3_serv	BOBJ1	47	128	After	Interior Girder 3	48	0.95	1	1	2.237992
EV3_serv	BOBJ1	47	128	After	Interior Girder 4	48	0.95	1	1	2.239073
EV3_serv	BOBJ1	47	128	After	Interior Girder 5	48	0.95	1	1	2.17952
EV3_serv	BOBJ1	47	128	After	Interior Girder 6	48	0.95	1	1	2.219313
EV3_serv	BOBJ1	47	128	After	Right Exterior Girder	48	0.95	1	1	2.254345
EV3_serv	BOBJ1	48	136	Before	Left Exterior Girder	56	0.95	1	1	3.338661
EV3_serv	BOBJ1	48	136	Before	Interior Girder 1	56	0.95	1	1	2.703615
EV3_serv	BOBJ1	48	136	Before	Interior Girder 2	56	0.95	1	1	2.622077
EV3_serv	BOBJ1	48	136	Before	Interior Girder 3	56	0.95	1	1	2.609422
EV3_serv	BOBJ1	48	136	Before	Interior Girder 4	56	0.95	1	1	2.627936
EV3_serv	BOBJ1	48	136	Before	Interior Girder 5	56	0.95	1	1	2.618272
EV3_serv	BOBJ1	48	136	Before	Interior Girder 6	56	0.95	1	1	2.711154
EV3_serv	BOBJ1	48	136	Before	Right Exterior Girder	56	0.95	1	1	3.341655
EV3_serv	BOBJ1	49	136	After	Left Exterior Girder	56	0.95	1	1	3.266711
EV3_serv	BOBJ1	49	136	After	Interior Girder 1	56	0.95	1	1	2.743409
EV3_serv	BOBJ1	49	136	After	Interior Girder 2	56	0.95	1	1	2.626006
EV3_serv	BOBJ1	49	136	After	Interior Girder 3	56	0.95	1	1	2.584183
EV3_serv	BOBJ1	49	136	After	Interior Girder 4	56	0.95	1	1	2.599794
EV3_serv	BOBJ1	49	136	After	Interior Girder 5	56	0.95	1	1	2.620032
EV3_serv	BOBJ1	49	136	After	Interior Girder 6	56	0.95	1	1	2.751242
EV3_serv	BOBJ1	49	136	After	Right Exterior Girder	56	0.95	1	1	3.269844
EV3_serv	BOBJ1	50	144	Before	Left Exterior Girder	64	0.95	1	1	2.641567
EV3_serv	BOBJ1	50	144	Before	Interior Girder 1	64	0.95	1	1	2.847834
EV3_serv	BOBJ1	50	144	Before	Interior Girder 2	64	0.95	1	1	2.977816
EV3_serv	BOBJ1	50	144	Before	Interior Girder 3	64	0.95	1	1	3.09498
EV3_serv	BOBJ1	50	144	Before	Interior Girder 4	64	0.95	1	1	3.093794
EV3_serv	BOBJ1	50	144	Before	Interior Girder 5	64	0.95	1	1	2.975489
EV3_serv	BOBJ1	50	144	Before	Interior Girder 6	64	0.95	1	1	2.848121
EV3_serv	BOBJ1	50	144	Before	Right Exterior Girder	64	0.95	1	1	2.643502
EV3_serv	BOBJ1	51	144	After	Left Exterior Girder	64	0.95	1	1	5.165716
EV3_serv	BOBJ1	51	144	After	Interior Girder 1	64	0.95	1	1	2.808433
EV3_serv	BOBJ1	51	144	After	Interior Girder 2	64	0.95	1	1	2.968771
EV3_serv	BOBJ1	51	144	After	Interior Girder 3	64	0.95	1	1	3.106347
EV3_serv	BOBJ1	51	144	After	Interior Girder 4	64	0.95	1	1	3.105002
EV3_serv	BOBJ1	51	144	After	Interior Girder 5	64	0.95	1	1	2.966643
EV3_serv	BOBJ1	51	144	After	Interior Girder 6	64	0.95	1	1	2.808649

TABLE: Bridge Super Rating AASHTORATE18 31 - SteelICompServ-Flx - Approach, Span 4-6										
Request	BridgeObj	BridgeCut	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	Unitless	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
EV3_serv	BOBJ1	51	144	After	Right Exterior Girder	64	0.95	1	1	5.169313
EV3_serv	BOBJ1	52	150	Before	Interior Girder 1	70	0.95	1	1	2.09188
EV3_serv	BOBJ1	52	150	Before	Interior Girder 2	70	0.95	1	1	2.174441
EV3_serv	BOBJ1	52	150	Before	Interior Girder 3	70	0.95	1	1	2.111102
EV3_serv	BOBJ1	52	150	Before	Interior Girder 4	70	0.95	1	1	2.110225
EV3_serv	BOBJ1	52	150	Before	Interior Girder 5	70	0.95	1	1	2.17193
EV3_serv	BOBJ1	52	150	Before	Interior Girder 6	70	0.95	1	1	2.092482
EV3_serv	BOBJ1	53	150	After	Interior Girder 1	70	0.95	1	1	4.530705
EV3_serv	BOBJ1	53	150	After	Interior Girder 2	70	0.95	1	1	4.624135
EV3_serv	BOBJ1	53	150	After	Interior Girder 3	70	0.95	1	1	4.529019
EV3_serv	BOBJ1	53	150	After	Interior Girder 4	70	0.95	1	1	4.526769
EV3_serv	BOBJ1	53	150	After	Interior Girder 5	70	0.95	1	1	4.618995
EV3_serv	BOBJ1	53	150	After	Interior Girder 6	70	0.95	1	1	4.531784
EV3_serv	BOBJ1	54	152	Before	Left Exterior Girder	72	0.95	1	1	3.646036
EV3_serv	BOBJ1	54	152	Before	Interior Girder 1	72	0.95	1	1	4.213312
EV3_serv	BOBJ1	54	152	Before	Interior Girder 2	72	0.95	1	1	4.276457
EV3_serv	BOBJ1	54	152	Before	Interior Girder 3	72	0.95	1	1	4.105708
EV3_serv	BOBJ1	54	152	Before	Interior Girder 4	72	0.95	1	1	4.103916
EV3_serv	BOBJ1	54	152	Before	Interior Girder 5	72	0.95	1	1	4.27116
EV3_serv	BOBJ1	54	152	Before	Interior Girder 6	72	0.95	1	1	4.214657
EV3_serv	BOBJ1	54	152	Before	Right Exterior Girder	72	0.95	1	1	3.649389
EV3_serv	BOBJ1	55	152	After	Left Exterior Girder	72	0.95	1	1	3.648396
EV3_serv	BOBJ1	55	152	After	Interior Girder 1	72	0.95	1	1	4.194266
EV3_serv	BOBJ1	55	152	After	Interior Girder 2	72	0.95	1	1	4.23084
EV3_serv	BOBJ1	55	152	After	Interior Girder 3	72	0.95	1	1	4.078461
EV3_serv	BOBJ1	55	152	After	Interior Girder 4	72	0.95	1	1	4.076323
EV3_serv	BOBJ1	55	152	After	Interior Girder 5	72	0.95	1	1	4.225398
EV3_serv	BOBJ1	55	152	After	Interior Girder 6	72	0.95	1	1	4.19566
EV3_serv	BOBJ1	55	152	After	Right Exterior Girder	72	0.95	1	1	3.651849
EV3_serv	BOBJ1	56	154	Before	Left Exterior Girder	74	0.95	1	1	3.273
EV3_serv	BOBJ1	56	154	Before	Right Exterior Girder	74	0.95	1	1	3.276295
EV3_serv	BOBJ1	57	154	After	Left Exterior Girder	74	0.95	1	1	4.944145
EV3_serv	BOBJ1	57	154	After	Right Exterior Girder	74	0.95	1	1	4.949223
EV3_serv	BOBJ1	58	160	Before	Left Exterior Girder	80	0.95	1	1	3.617406
EV3_serv	BOBJ1	58	160	Before	Interior Girder 1	80	0.95	1	1	2.974939
EV3_serv	BOBJ1	58	160	Before	Interior Girder 2	80	0.95	1	1	2.878003
EV3_serv	BOBJ1	58	160	Before	Interior Girder 3	80	0.95	1	1	2.451005
EV3_serv	BOBJ1	58	160	Before	Interior Girder 4	80	0.95	1	1	2.456938
EV3_serv	BOBJ1	58	160	Before	Interior Girder 5	80	0.95	1	1	2.869484
EV3_serv	BOBJ1	58	160	Before	Interior Girder 6	80	0.95	1	1	2.976457
EV3_serv	BOBJ1	58	160	Before	Right Exterior Girder	80	0.95	1	1	3.621114
EV3_serv	BOBJ1	59	160	After	Left Exterior Girder	0	0.95	1	1	3.59169
EV3_serv	BOBJ1	59	160	After	Interior Girder 1	0	0.95	1	1	2.910344
EV3_serv	BOBJ1	59	160	After	Interior Girder 2	0	0.95	1	1	2.810953
EV3_serv	BOBJ1	59	160	After	Interior Girder 3	0	0.95	1	1	2.405022
EV3_serv	BOBJ1	59	160	After	Interior Girder 4	0	0.95	1	1	2.409231
EV3_serv	BOBJ1	59	160	After	Interior Girder 5	0	0.95	1	1	2.8046
EV3_serv	BOBJ1	59	160	After	Interior Girder 6	0	0.95	1	1	2.915326
EV3_serv	BOBJ1	59	160	After	Right Exterior Girder	0	0.95	1	1	3.595985
EV3_serv	BOBJ1	60	166	Before	Left Exterior Girder	6	0.95	1	1	4.99903
EV3_serv	BOBJ1	60	166	Before	Right Exterior Girder	6	0.95	1	1	5.004241
EV3_serv	BOBJ1	61	166	After	Left Exterior Girder	6	0.95	1	1	3.338233
EV3_serv	BOBJ1	61	166	After	Right Exterior Girder	6	0.95	1	1	3.341679
EV3_serv	BOBJ1	62	168	Before	Left Exterior Girder	8	0.95	1	1	3.730497
EV3_serv	BOBJ1	62	168	Before	Interior Girder 1	8	0.95	1	1	4.468665
EV3_serv	BOBJ1	62	168	Before	Interior Girder 2	8	0.95	1	1	4.489634
EV3_serv	BOBJ1	62	168	Before	Interior Girder 3	8	0.95	1	1	4.340221
EV3_serv	BOBJ1	62	168	Before	Interior Girder 4	8	0.95	1	1	4.337749
EV3_serv	BOBJ1	62	168	Before	Interior Girder 5	8	0.95	1	1	4.483846
EV3_serv	BOBJ1	62	168	Before	Interior Girder 6	8	0.95	1	1	4.470223
EV3_serv	BOBJ1	62	168	Before	Right Exterior Girder	8	0.95	1	1	3.734213
EV3_serv	BOBJ1	63	168	After	Left Exterior Girder	8	0.95	1	1	3.701283
EV3_serv	BOBJ1	63	168	After	Interior Girder 1	8	0.95	1	1	4.526952
EV3_serv	BOBJ1	63	168	After	Interior Girder 2	8	0.95	1	1	4.539321
EV3_serv	BOBJ1	63	168	After	Interior Girder 3	8	0.95	1	1	4.370588
EV3_serv	BOBJ1	63	168	After	Interior Girder 4	8	0.95	1	1	4.368465
EV3_serv	BOBJ1	63	168	After	Interior Girder 5	8	0.95	1	1	4.533672
EV3_serv	BOBJ1	63	168	After	Interior Girder 6	8	0.95	1	1	4.528491
EV3_serv	BOBJ1	63	168	After	Right Exterior Girder	8	0.95	1	1	3.704904
EV3_serv	BOBJ1	64	170	Before	Interior Girder 1	10	0.95	1	1	4.88895
EV3_serv	BOBJ1	64	170	Before	Interior Girder 2	10	0.95	1	1	4.920442
EV3_serv	BOBJ1	64	170	Before	Interior Girder 3	10	0.95	1	1	4.830181
EV3_serv	BOBJ1	64	170	Before	Interior Girder 4	10	0.95	1	1	4.82773

TABLE: Bridge Super Rating AASHTORATE18 31 - SteelICompServ-Flx - Approach, Span 4-6										
Request	BridgeObj	BridgeCut	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	Unitless	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
EV3_serv	BOBJ1	64	170	Before	Interior Girder 5	10	0.95	1	1	4.91495
EV3_serv	BOBJ1	64	170	Before	Interior Girder 6	10	0.95	1	1	4.890202
EV3_serv	BOBJ1	65	170	After	Interior Girder 1	10	0.95	1	1	2.407949
EV3_serv	BOBJ1	65	170	After	Interior Girder 2	10	0.95	1	1	2.46172
EV3_serv	BOBJ1	65	170	After	Interior Girder 3	10	0.95	1	1	2.390966
EV3_serv	BOBJ1	65	170	After	Interior Girder 4	10	0.95	1	1	2.389877
EV3_serv	BOBJ1	65	170	After	Interior Girder 5	10	0.95	1	1	2.458842
EV3_serv	BOBJ1	65	170	After	Interior Girder 6	10	0.95	1	1	2.40869
EV3_serv	BOBJ1	66	176	Before	Left Exterior Girder	16	0.95	1	1	5.146247
EV3_serv	BOBJ1	66	176	Before	Interior Girder 1	16	0.95	1	1	3.291751
EV3_serv	BOBJ1	66	176	Before	Interior Girder 2	16	0.95	1	1	3.403483
EV3_serv	BOBJ1	66	176	Before	Interior Girder 3	16	0.95	1	1	3.469201
EV3_serv	BOBJ1	66	176	Before	Interior Girder 4	16	0.95	1	1	3.477777
EV3_serv	BOBJ1	66	176	Before	Interior Girder 5	16	0.95	1	1	3.400893
EV3_serv	BOBJ1	66	176	Before	Interior Girder 6	16	0.95	1	1	3.292069
EV3_serv	BOBJ1	66	176	Before	Right Exterior Girder	16	0.95	1	1	5.150631
EV3_serv	BOBJ1	67	176	After	Left Exterior Girder	16	0.95	1	1	5.101338
EV3_serv	BOBJ1	67	176	After	Interior Girder 1	16	0.95	1	1	3.323566
EV3_serv	BOBJ1	67	176	After	Interior Girder 2	16	0.95	1	1	3.421992
EV3_serv	BOBJ1	67	176	After	Interior Girder 3	16	0.95	1	1	3.511483
EV3_serv	BOBJ1	67	176	After	Interior Girder 4	16	0.95	1	1	3.515816
EV3_serv	BOBJ1	67	176	After	Interior Girder 5	16	0.95	1	1	3.419249
EV3_serv	BOBJ1	67	176	After	Interior Girder 6	16	0.95	1	1	3.324001
EV3_serv	BOBJ1	67	176	After	Right Exterior Girder	16	0.95	1	1	5.105703
EV3_serv	BOBJ1	68	181	Before	Interior Girder 1	21	0.95	1	1	2.396225
EV3_serv	BOBJ1	68	181	Before	Interior Girder 2	21	0.95	1	1	2.273331
EV3_serv	BOBJ1	68	181	Before	Interior Girder 3	21	0.95	1	1	2.241043
EV3_serv	BOBJ1	68	181	Before	Interior Girder 4	21	0.95	1	1	2.253465
EV3_serv	BOBJ1	68	181	Before	Interior Girder 5	21	0.95	1	1	2.268308
EV3_serv	BOBJ1	68	181	Before	Interior Girder 6	21	0.95	1	1	2.402399
EV3_serv	BOBJ1	69	181	After	Interior Girder 1	21	0.95	1	1	3.852701
EV3_serv	BOBJ1	69	181	After	Interior Girder 2	21	0.95	1	1	3.621866
EV3_serv	BOBJ1	69	181	After	Interior Girder 3	21	0.95	1	1	3.650396
EV3_serv	BOBJ1	69	181	After	Interior Girder 4	21	0.95	1	1	3.670081
EV3_serv	BOBJ1	69	181	After	Interior Girder 5	21	0.95	1	1	3.613953
EV3_serv	BOBJ1	69	181	After	Interior Girder 6	21	0.95	1	1	3.861392
EV3_serv	BOBJ1	70	184	Before	Left Exterior Girder	24	0.95	1	1	3.367263
EV3_serv	BOBJ1	70	184	Before	Interior Girder 1	24	0.95	1	1	3.209616
EV3_serv	BOBJ1	70	184	Before	Interior Girder 2	24	0.95	1	1	3.067639
EV3_serv	BOBJ1	70	184	Before	Interior Girder 3	24	0.95	1	1	3.085868
EV3_serv	BOBJ1	70	184	Before	Interior Girder 4	24	0.95	1	1	3.098506
EV3_serv	BOBJ1	70	184	Before	Interior Girder 5	24	0.95	1	1	3.059454
EV3_serv	BOBJ1	70	184	Before	Interior Girder 6	24	0.95	1	1	3.21715
EV3_serv	BOBJ1	70	184	Before	Right Exterior Girder	24	0.95	1	1	3.370053
EV3_serv	BOBJ1	71	184	After	Left Exterior Girder	24	0.95	1	1	3.406229
EV3_serv	BOBJ1	71	184	After	Interior Girder 1	24	0.95	1	1	3.174425
EV3_serv	BOBJ1	71	184	After	Interior Girder 2	24	0.95	1	1	3.063811
EV3_serv	BOBJ1	71	184	After	Interior Girder 3	24	0.95	1	1	3.104372
EV3_serv	BOBJ1	71	184	After	Interior Girder 4	24	0.95	1	1	3.12331
EV3_serv	BOBJ1	71	184	After	Interior Girder 5	24	0.95	1	1	3.056998
EV3_serv	BOBJ1	71	184	After	Interior Girder 6	24	0.95	1	1	3.181511
EV3_serv	BOBJ1	71	184	After	Right Exterior Girder	24	0.95	1	1	3.408879
EV3_serv	BOBJ1	72	192	Before	Left Exterior Girder	32	0.95	1	1	2.499414
EV3_serv	BOBJ1	72	192	Before	Interior Girder 1	32	0.95	1	1	2.340378
EV3_serv	BOBJ1	72	192	Before	Interior Girder 2	32	0.95	1	1	2.336114
EV3_serv	BOBJ1	72	192	Before	Interior Girder 3	32	0.95	1	1	2.408449
EV3_serv	BOBJ1	72	192	Before	Interior Girder 4	32	0.95	1	1	2.410115
EV3_serv	BOBJ1	72	192	Before	Interior Girder 5	32	0.95	1	1	2.33437
EV3_serv	BOBJ1	72	192	Before	Interior Girder 6	32	0.95	1	1	2.340197
EV3_serv	BOBJ1	72	192	Before	Right Exterior Girder	32	0.95	1	1	2.502403
EV3_serv	BOBJ1	73	192	After	Left Exterior Girder	32	0.95	1	1	2.515752
EV3_serv	BOBJ1	73	192	After	Interior Girder 1	32	0.95	1	1	2.312525
EV3_serv	BOBJ1	73	192	After	Interior Girder 2	32	0.95	1	1	2.327657
EV3_serv	BOBJ1	73	192	After	Interior Girder 3	32	0.95	1	1	2.405662
EV3_serv	BOBJ1	73	192	After	Interior Girder 4	32	0.95	1	1	2.407858
EV3_serv	BOBJ1	73	192	After	Interior Girder 5	32	0.95	1	1	2.326558
EV3_serv	BOBJ1	73	192	After	Interior Girder 6	32	0.95	1	1	2.312446
EV3_serv	BOBJ1	73	192	After	Right Exterior Girder	32	0.95	1	1	2.518638
EV3_serv	BOBJ1	74	200	Before	Left Exterior Girder	40	0.95	1	1	2.158139
EV3_serv	BOBJ1	74	200	Before	Interior Girder 1	40	0.95	1	1	1.868663
EV3_serv	BOBJ1	74	200	Before	Interior Girder 2	40	0.95	1	1	1.899281
EV3_serv	BOBJ1	74	200	Before	Interior Girder 3	40	0.95	1	1	1.971426
EV3_serv	BOBJ1	74	200	Before	Interior Girder 4	40	0.95	1	1	1.977418

TABLE: Bridge Super Rating AASHTORATE18 31 - SteelICompServ-Flx - Approach, Span 4-6										
Request	BridgeObj	BridgeCut	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	Unitless	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
EV3_serv	BOBJ1	74	200	Before	Interior Girder 5	40	0.95	1	1	1.895341
EV3_serv	BOBJ1	74	200	Before	Interior Girder 6	40	0.95	1	1	1.872298
EV3_serv	BOBJ1	74	200	Before	Right Exterior Girder	40	0.95	1	1	2.159945
EV3_serv	BOBJ1	75	200	After	Left Exterior Girder	40	0.95	1	1	2.172135
EV3_serv	BOBJ1	75	200	After	Interior Girder 1	40	0.95	1	1	1.858757
EV3_serv	BOBJ1	75	200	After	Interior Girder 2	40	0.95	1	1	1.899541
EV3_serv	BOBJ1	75	200	After	Interior Girder 3	40	0.95	1	1	1.970534
EV3_serv	BOBJ1	75	200	After	Interior Girder 4	40	0.95	1	1	1.979209
EV3_serv	BOBJ1	75	200	After	Interior Girder 5	40	0.95	1	1	1.895624
EV3_serv	BOBJ1	75	200	After	Interior Girder 6	40	0.95	1	1	1.862341
EV3_serv	BOBJ1	75	200	After	Right Exterior Girder	40	0.95	1	1	2.17392
EV3_serv	BOBJ1	76	208	Before	Left Exterior Girder	48	0.95	1	1	2.01151
EV3_serv	BOBJ1	76	208	Before	Interior Girder 1	48	0.95	1	1	1.827703
EV3_serv	BOBJ1	76	208	Before	Interior Girder 2	48	0.95	1	1	1.878142
EV3_serv	BOBJ1	76	208	Before	Interior Girder 3	48	0.95	1	1	1.956867
EV3_serv	BOBJ1	76	208	Before	Interior Girder 4	48	0.95	1	1	1.957975
EV3_serv	BOBJ1	76	208	Before	Interior Girder 5	48	0.95	1	1	1.876933
EV3_serv	BOBJ1	76	208	Before	Interior Girder 6	48	0.95	1	1	1.827629
EV3_serv	BOBJ1	76	208	Before	Right Exterior Girder	48	0.95	1	1	2.013729
EV3_serv	BOBJ1	77	208	After	Left Exterior Girder	48	0.95	1	1	2.003851
EV3_serv	BOBJ1	77	208	After	Interior Girder 1	48	0.95	1	1	1.828694
EV3_serv	BOBJ1	77	208	After	Interior Girder 2	48	0.95	1	1	1.880616
EV3_serv	BOBJ1	77	208	After	Interior Girder 3	48	0.95	1	1	1.956601
EV3_serv	BOBJ1	77	208	After	Interior Girder 4	48	0.95	1	1	1.957346
EV3_serv	BOBJ1	77	208	After	Interior Girder 5	48	0.95	1	1	1.879311
EV3_serv	BOBJ1	77	208	After	Interior Girder 6	48	0.95	1	1	1.828576
EV3_serv	BOBJ1	77	208	After	Right Exterior Girder	48	0.95	1	1	2.006313
EV3_serv	BOBJ1	78	216	Before	Left Exterior Girder	56	0.95	1	1	2.338302
EV3_serv	BOBJ1	78	216	Before	Interior Girder 1	56	0.95	1	1	1.97247
EV3_serv	BOBJ1	78	216	Before	Interior Girder 2	56	0.95	1	1	1.992499
EV3_serv	BOBJ1	78	216	Before	Interior Girder 3	56	0.95	1	1	2.050201
EV3_serv	BOBJ1	78	216	Before	Interior Girder 4	56	0.95	1	1	2.059334
EV3_serv	BOBJ1	78	216	Before	Interior Girder 5	56	0.95	1	1	1.988147
EV3_serv	BOBJ1	78	216	Before	Interior Girder 6	56	0.95	1	1	1.976215
EV3_serv	BOBJ1	78	216	Before	Right Exterior Girder	56	0.95	1	1	2.340171
EV3_serv	BOBJ1	79	216	After	Left Exterior Girder	56	0.95	1	1	2.309086
EV3_serv	BOBJ1	79	216	After	Interior Girder 1	56	0.95	1	1	1.982621
EV3_serv	BOBJ1	79	216	After	Interior Girder 2	56	0.95	1	1	1.993966
EV3_serv	BOBJ1	79	216	After	Interior Girder 3	56	0.95	1	1	2.031948
EV3_serv	BOBJ1	79	216	After	Interior Girder 4	56	0.95	1	1	2.037984
EV3_serv	BOBJ1	79	216	After	Interior Girder 5	56	0.95	1	1	1.98951
EV3_serv	BOBJ1	79	216	After	Interior Girder 6	56	0.95	1	1	1.986634
EV3_serv	BOBJ1	79	216	After	Right Exterior Girder	56	0.95	1	1	2.311073
EV3_serv	BOBJ1	80	224	Before	Left Exterior Girder	64	0.95	1	1	3.017557
EV3_serv	BOBJ1	80	224	Before	Interior Girder 1	64	0.95	1	1	2.717843
EV3_serv	BOBJ1	80	224	Before	Interior Girder 2	64	0.95	1	1	2.664532
EV3_serv	BOBJ1	80	224	Before	Interior Girder 3	64	0.95	1	1	2.74029
EV3_serv	BOBJ1	80	224	Before	Interior Girder 4	64	0.95	1	1	2.741956
EV3_serv	BOBJ1	80	224	Before	Interior Girder 5	64	0.95	1	1	2.665001
EV3_serv	BOBJ1	80	224	Before	Interior Girder 6	64	0.95	1	1	2.717533
EV3_serv	BOBJ1	80	224	Before	Right Exterior Girder	64	0.95	1	1	3.020914
EV3_serv	BOBJ1	81	224	After	Left Exterior Girder	64	0.95	1	1	2.988068
EV3_serv	BOBJ1	81	224	After	Interior Girder 1	64	0.95	1	1	2.746634
EV3_serv	BOBJ1	81	224	After	Interior Girder 2	64	0.95	1	1	2.657109
EV3_serv	BOBJ1	81	224	After	Interior Girder 3	64	0.95	1	1	2.685376
EV3_serv	BOBJ1	81	224	After	Interior Girder 4	64	0.95	1	1	2.686001
EV3_serv	BOBJ1	81	224	After	Interior Girder 5	64	0.95	1	1	2.655834
EV3_serv	BOBJ1	81	224	After	Interior Girder 6	64	0.95	1	1	2.746406
EV3_serv	BOBJ1	81	224	After	Right Exterior Girder	64	0.95	1	1	2.99167
EV3_serv	BOBJ1	82	232	Before	Left Exterior Girder	72	0.95	1	1	5.460332
EV3_serv	BOBJ1	82	232	Before	Interior Girder 1	72	0.95	1	1	4.744134
EV3_serv	BOBJ1	82	232	Before	Interior Girder 2	72	0.95	1	1	4.463042
EV3_serv	BOBJ1	82	232	Before	Interior Girder 3	72	0.95	1	1	4.430565
EV3_serv	BOBJ1	82	232	Before	Interior Girder 4	72	0.95	1	1	4.454391
EV3_serv	BOBJ1	82	232	Before	Interior Girder 5	72	0.95	1	1	4.455816
EV3_serv	BOBJ1	82	232	Before	Interior Girder 6	72	0.95	1	1	4.757582
EV3_serv	BOBJ1	82	232	Before	Right Exterior Girder	72	0.95	1	1	5.466003
EV3_serv	BOBJ1	83	232	After	Left Exterior Girder	72	0.95	1	1	5.500818
EV3_serv	BOBJ1	83	232	After	Interior Girder 1	72	0.95	1	1	4.711167
EV3_serv	BOBJ1	83	232	After	Interior Girder 2	72	0.95	1	1	4.40136
EV3_serv	BOBJ1	83	232	After	Interior Girder 3	72	0.95	1	1	4.246897
EV3_serv	BOBJ1	83	232	After	Interior Girder 4	72	0.95	1	1	4.269517
EV3_serv	BOBJ1	83	232	After	Interior Girder 5	72	0.95	1	1	4.390444

TABLE: Bridge Super Rating AASHTORATE18 31 - SteelICompServ-Flx - Approach, Span 4-6										
Request	BridgeObj	BridgeCut	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	Unitless	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
EV3_serv	BOBJ1	83	232	After	Interior Girder 6	72	0.95	1	1	4.727678
EV3_serv	BOBJ1	83	232	After	Right Exterior Girder	72	0.95	1	1	5.507087
EV3_serv	BOBJ1	84	240	Before	Left Exterior Girder	80	0.95	1	1	42.878294
EV3_serv	BOBJ1	84	240	Before	Interior Girder 1	80	0.95	1	1	25.260677
EV3_serv	BOBJ1	84	240	Before	Interior Girder 2	80	0.95	1	1	21.215841
EV3_serv	BOBJ1	84	240	Before	Interior Girder 3	80	0.95	1	1	14.728754
EV3_serv	BOBJ1	84	240	Before	Interior Girder 4	80	0.95	1	1	14.89364
EV3_serv	BOBJ1	84	240	Before	Interior Girder 5	80	0.95	1	1	20.984708
EV3_serv	BOBJ1	84	240	Before	Interior Girder 6	80	0.95	1	1	25.260677
EV3_serv	BOBJ1	84	240	Before	Right Exterior Girder	80	0.95	1	1	42.631015
EV3-neg_serv	BOBJ1	1	0	After	Left Exterior Girder	0	0.95	1	1	293.320453
EV3-neg_serv	BOBJ1	1	0	After	Interior Girder 1	0	0.95	1	1	535.96755
EV3-neg_serv	BOBJ1	1	0	After	Interior Girder 2	0	0.95	1	1	291.894286
EV3-neg_serv	BOBJ1	1	0	After	Interior Girder 3	0	0.95	1	1	178.213914
EV3-neg_serv	BOBJ1	1	0	After	Interior Girder 4	0	0.95	1	1	179.334963
EV3-neg_serv	BOBJ1	1	0	After	Interior Girder 5	0	0.95	1	1	287.24378
EV3-neg_serv	BOBJ1	1	0	After	Interior Girder 6	0	0.95	1	1	535.967549
EV3-neg_serv	BOBJ1	1	0	After	Right Exterior Girder	0	0.95	1	1	301.28643
EV3-neg_serv	BOBJ1	2	8	Before	Left Exterior Girder	8	0.95	1	1	37.639055
EV3-neg_serv	BOBJ1	2	8	Before	Interior Girder 1	8	0.95	1	1	52.403362
EV3-neg_serv	BOBJ1	2	8	Before	Interior Girder 2	8	0.95	1	1	63.493298
EV3-neg_serv	BOBJ1	2	8	Before	Interior Girder 3	8	0.95	1	1	64.754294
EV3-neg_serv	BOBJ1	2	8	Before	Interior Girder 4	8	0.95	1	1	64.798568
EV3-neg_serv	BOBJ1	2	8	Before	Interior Girder 5	8	0.95	1	1	63.51797
EV3-neg_serv	BOBJ1	2	8	Before	Interior Girder 6	8	0.95	1	1	52.420917
EV3-neg_serv	BOBJ1	2	8	Before	Right Exterior Girder	8	0.95	1	1	37.703774
EV3-neg_serv	BOBJ1	3	8	After	Left Exterior Girder	8	0.95	1	1	37.085706
EV3-neg_serv	BOBJ1	3	8	After	Interior Girder 1	8	0.95	1	1	47.767502
EV3-neg_serv	BOBJ1	3	8	After	Interior Girder 2	8	0.95	1	1	62.037114
EV3-neg_serv	BOBJ1	3	8	After	Interior Girder 3	8	0.95	1	1	65.863149
EV3-neg_serv	BOBJ1	3	8	After	Interior Girder 4	8	0.95	1	1	65.907238
EV3-neg_serv	BOBJ1	3	8	After	Interior Girder 5	8	0.95	1	1	62.038942
EV3-neg_serv	BOBJ1	3	8	After	Interior Girder 6	8	0.95	1	1	47.783479
EV3-neg_serv	BOBJ1	3	8	After	Right Exterior Girder	8	0.95	1	1	37.142211
EV3-neg_serv	BOBJ1	4	16	Before	Left Exterior Girder	16	0.95	1	1	20.427494
EV3-neg_serv	BOBJ1	4	16	Before	Interior Girder 1	16	0.95	1	1	27.67131
EV3-neg_serv	BOBJ1	4	16	Before	Interior Girder 2	16	0.95	1	1	33.788607
EV3-neg_serv	BOBJ1	4	16	Before	Interior Girder 3	16	0.95	1	1	35.217758
EV3-neg_serv	BOBJ1	4	16	Before	Interior Girder 4	16	0.95	1	1	35.233397
EV3-neg_serv	BOBJ1	4	16	Before	Interior Girder 5	16	0.95	1	1	33.81508
EV3-neg_serv	BOBJ1	4	16	Before	Interior Girder 6	16	0.95	1	1	27.676758
EV3-neg_serv	BOBJ1	4	16	Before	Right Exterior Girder	16	0.95	1	1	20.459682
EV3-neg_serv	BOBJ1	5	16	After	Left Exterior Girder	16	0.95	1	1	20.323811
EV3-neg_serv	BOBJ1	5	16	After	Interior Girder 1	16	0.95	1	1	26.261159
EV3-neg_serv	BOBJ1	5	16	After	Interior Girder 2	16	0.95	1	1	33.401822
EV3-neg_serv	BOBJ1	5	16	After	Interior Girder 3	16	0.95	1	1	35.452991
EV3-neg_serv	BOBJ1	5	16	After	Interior Girder 4	16	0.95	1	1	35.470252
EV3-neg_serv	BOBJ1	5	16	After	Interior Girder 5	16	0.95	1	1	33.431215
EV3-neg_serv	BOBJ1	5	16	After	Interior Girder 6	16	0.95	1	1	26.26699
EV3-neg_serv	BOBJ1	5	16	After	Right Exterior Girder	16	0.95	1	1	20.349414
EV3-neg_serv	BOBJ1	6	20.5	Before	Left Exterior Girder	20.5	0.95	1	1	16.985276
EV3-neg_serv	BOBJ1	6	20.5	Before	Right Exterior Girder	20.5	0.95	1	1	16.98941
EV3-neg_serv	BOBJ1	7	20.5	After	Left Exterior Girder	20.5	0.95	1	1	21.032703
EV3-neg_serv	BOBJ1	7	20.5	After	Right Exterior Girder	20.5	0.95	1	1	21.036969
EV3-neg_serv	BOBJ1	8	24	Before	Left Exterior Girder	24	0.95	1	1	18.406348
EV3-neg_serv	BOBJ1	8	24	Before	Interior Girder 1	24	0.95	1	1	19.318544
EV3-neg_serv	BOBJ1	8	24	Before	Interior Girder 2	24	0.95	1	1	22.790374
EV3-neg_serv	BOBJ1	8	24	Before	Interior Girder 3	24	0.95	1	1	24.159845
EV3-neg_serv	BOBJ1	8	24	Before	Interior Girder 4	24	0.95	1	1	24.166951
EV3-neg_serv	BOBJ1	8	24	Before	Interior Girder 5	24	0.95	1	1	22.801039
EV3-neg_serv	BOBJ1	8	24	Before	Interior Girder 6	24	0.95	1	1	19.323863
EV3-neg_serv	BOBJ1	8	24	Before	Right Exterior Girder	24	0.95	1	1	18.411246
EV3-neg_serv	BOBJ1	9	24	After	Left Exterior Girder	24	0.95	1	1	18.335048
EV3-neg_serv	BOBJ1	9	24	After	Interior Girder 1	24	0.95	1	1	19.034604
EV3-neg_serv	BOBJ1	9	24	After	Interior Girder 2	24	0.95	1	1	22.701708
EV3-neg_serv	BOBJ1	9	24	After	Interior Girder 3	24	0.95	1	1	24.311281
EV3-neg_serv	BOBJ1	9	24	After	Interior Girder 4	24	0.95	1	1	24.319841
EV3-neg_serv	BOBJ1	9	24	After	Interior Girder 5	24	0.95	1	1	22.714154
EV3-neg_serv	BOBJ1	9	24	After	Interior Girder 6	24	0.95	1	1	19.039613
EV3-neg_serv	BOBJ1	9	24	After	Right Exterior Girder	24	0.95	1	1	18.338397
EV3-neg_serv	BOBJ1	10	32	Before	Left Exterior Girder	32	0.95	1	1	14.208774
EV3-neg_serv	BOBJ1	10	32	Before	Interior Girder 1	32	0.95	1	1	14.859206
EV3-neg_serv	BOBJ1	10	32	Before	Interior Girder 2	32	0.95	1	1	17.118709

TABLE: Bridge Super Rating AASHTORATE18 31 - SteelICompServ-Flx - Approach, Span 4-6										
Request	BridgeObj	BridgeCut	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	Unitless	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
EV3-neg_serv	BOBJ1	10	32	Before	Interior Girder 3	32	0.95	1	1	18.249718
EV3-neg_serv	BOBJ1	10	32	Before	Interior Girder 4	32	0.95	1	1	18.253904
EV3-neg_serv	BOBJ1	10	32	Before	Interior Girder 5	32	0.95	1	1	17.124265
EV3-neg_serv	BOBJ1	10	32	Before	Interior Girder 6	32	0.95	1	1	14.862419
EV3-neg_serv	BOBJ1	10	32	Before	Right Exterior Girder	32	0.95	1	1	14.213091
EV3-neg_serv	BOBJ1	11	32	After	Left Exterior Girder	32	0.95	1	1	14.333461
EV3-neg_serv	BOBJ1	11	32	After	Interior Girder 1	32	0.95	1	1	14.60946
EV3-neg_serv	BOBJ1	11	32	After	Interior Girder 2	32	0.95	1	1	17.093839
EV3-neg_serv	BOBJ1	11	32	After	Interior Girder 3	32	0.95	1	1	18.344162
EV3-neg_serv	BOBJ1	11	32	After	Interior Girder 4	32	0.95	1	1	18.34985
EV3-neg_serv	BOBJ1	11	32	After	Interior Girder 5	32	0.95	1	1	17.101048
EV3-neg_serv	BOBJ1	11	32	After	Interior Girder 6	32	0.95	1	1	14.612786
EV3-neg_serv	BOBJ1	11	32	After	Right Exterior Girder	32	0.95	1	1	14.336598
EV3-neg_serv	BOBJ1	12	40	Before	Left Exterior Girder	40	0.95	1	1	12.000432
EV3-neg_serv	BOBJ1	12	40	Before	Interior Girder 1	40	0.95	1	1	11.621221
EV3-neg_serv	BOBJ1	12	40	Before	Interior Girder 2	40	0.95	1	1	13.105846
EV3-neg_serv	BOBJ1	12	40	Before	Interior Girder 3	40	0.95	1	1	13.963958
EV3-neg_serv	BOBJ1	12	40	Before	Interior Girder 4	40	0.95	1	1	13.960185
EV3-neg_serv	BOBJ1	12	40	Before	Interior Girder 5	40	0.95	1	1	13.107196
EV3-neg_serv	BOBJ1	12	40	Before	Interior Girder 6	40	0.95	1	1	11.622797
EV3-neg_serv	BOBJ1	12	40	Before	Right Exterior Girder	40	0.95	1	1	12.005551
EV3-neg_serv	BOBJ1	13	40	After	Left Exterior Girder	40	0.95	1	1	12.212107
EV3-neg_serv	BOBJ1	13	40	After	Interior Girder 1	40	0.95	1	1	11.397231
EV3-neg_serv	BOBJ1	13	40	After	Interior Girder 2	40	0.95	1	1	13.145857
EV3-neg_serv	BOBJ1	13	40	After	Interior Girder 3	40	0.95	1	1	14.099447
EV3-neg_serv	BOBJ1	13	40	After	Interior Girder 4	40	0.95	1	1	14.101492
EV3-neg_serv	BOBJ1	13	40	After	Interior Girder 5	40	0.95	1	1	13.148664
EV3-neg_serv	BOBJ1	13	40	After	Interior Girder 6	40	0.95	1	1	11.398881
EV3-neg_serv	BOBJ1	13	40	After	Right Exterior Girder	40	0.95	1	1	12.216516
EV3-neg_serv	BOBJ1	14	46.5	Before	Left Exterior Girder	46.5	0.95	1	1	10.518743
EV3-neg_serv	BOBJ1	14	46.5	Before	Right Exterior Girder	46.5	0.95	1	1	10.524068
EV3-neg_serv	BOBJ1	15	46.5	After	Left Exterior Girder	46.5	0.95	1	1	8.61306
EV3-neg_serv	BOBJ1	15	46.5	After	Right Exterior Girder	46.5	0.95	1	1	8.617111
EV3-neg_serv	BOBJ1	16	48	Before	Left Exterior Girder	48	0.95	1	1	8.231801
EV3-neg_serv	BOBJ1	16	48	Before	Interior Girder 1	48	0.95	1	1	9.194771
EV3-neg_serv	BOBJ1	16	48	Before	Interior Girder 2	48	0.95	1	1	10.280186
EV3-neg_serv	BOBJ1	16	48	Before	Interior Girder 3	48	0.95	1	1	10.90126
EV3-neg_serv	BOBJ1	16	48	Before	Interior Girder 4	48	0.95	1	1	10.898103
EV3-neg_serv	BOBJ1	16	48	Before	Interior Girder 5	48	0.95	1	1	10.279879
EV3-neg_serv	BOBJ1	16	48	Before	Interior Girder 6	48	0.95	1	1	9.19596
EV3-neg_serv	BOBJ1	16	48	Before	Right Exterior Girder	48	0.95	1	1	8.236006
EV3-neg_serv	BOBJ1	17	48	After	Left Exterior Girder	48	0.95	1	1	8.372863
EV3-neg_serv	BOBJ1	17	48	After	Interior Girder 1	48	0.95	1	1	9.071468
EV3-neg_serv	BOBJ1	17	48	After	Interior Girder 2	48	0.95	1	1	10.306304
EV3-neg_serv	BOBJ1	17	48	After	Interior Girder 3	48	0.95	1	1	10.978343
EV3-neg_serv	BOBJ1	17	48	After	Interior Girder 4	48	0.95	1	1	10.974611
EV3-neg_serv	BOBJ1	17	48	After	Interior Girder 5	48	0.95	1	1	10.307121
EV3-neg_serv	BOBJ1	17	48	After	Interior Girder 6	48	0.95	1	1	9.072484
EV3-neg_serv	BOBJ1	17	48	After	Right Exterior Girder	48	0.95	1	1	8.376954
EV3-neg_serv	BOBJ1	18	56	Before	Left Exterior Girder	56	0.95	1	1	6.788902
EV3-neg_serv	BOBJ1	18	56	Before	Interior Girder 1	56	0.95	1	1	7.282815
EV3-neg_serv	BOBJ1	18	56	Before	Interior Girder 2	56	0.95	1	1	7.823226
EV3-neg_serv	BOBJ1	18	56	Before	Interior Girder 3	56	0.95	1	1	8.166164
EV3-neg_serv	BOBJ1	18	56	Before	Interior Girder 4	56	0.95	1	1	8.162628
EV3-neg_serv	BOBJ1	18	56	Before	Interior Girder 5	56	0.95	1	1	7.820257
EV3-neg_serv	BOBJ1	18	56	Before	Interior Girder 6	56	0.95	1	1	7.283633
EV3-neg_serv	BOBJ1	18	56	Before	Right Exterior Girder	56	0.95	1	1	6.794523
EV3-neg_serv	BOBJ1	19	56	After	Left Exterior Girder	56	0.95	1	1	6.867371
EV3-neg_serv	BOBJ1	19	56	After	Interior Girder 1	56	0.95	1	1	7.221465
EV3-neg_serv	BOBJ1	19	56	After	Interior Girder 2	56	0.95	1	1	7.826923
EV3-neg_serv	BOBJ1	19	56	After	Interior Girder 3	56	0.95	1	1	8.181576
EV3-neg_serv	BOBJ1	19	56	After	Interior Girder 4	56	0.95	1	1	8.178143
EV3-neg_serv	BOBJ1	19	56	After	Interior Girder 5	56	0.95	1	1	7.824529
EV3-neg_serv	BOBJ1	19	56	After	Interior Girder 6	56	0.95	1	1	7.222208
EV3-neg_serv	BOBJ1	19	56	After	Right Exterior Girder	56	0.95	1	1	6.872922
EV3-neg_serv	BOBJ1	20	59	Before	Interior Girder 1	59	0.95	1	1	6.596529
EV3-neg_serv	BOBJ1	20	59	Before	Interior Girder 2	59	0.95	1	1	7.028323
EV3-neg_serv	BOBJ1	20	59	Before	Interior Girder 3	59	0.95	1	1	7.323852
EV3-neg_serv	BOBJ1	20	59	Before	Interior Girder 4	59	0.95	1	1	7.320194
EV3-neg_serv	BOBJ1	20	59	Before	Interior Girder 5	59	0.95	1	1	7.024777
EV3-neg_serv	BOBJ1	20	59	Before	Interior Girder 6	59	0.95	1	1	6.597421
EV3-neg_serv	BOBJ1	21	59	After	Interior Girder 1	59	0.95	1	1	3.972796
EV3-neg_serv	BOBJ1	21	59	After	Interior Girder 2	59	0.95	1	1	4.154896

TABLE: Bridge Super Rating AASHTORATE18 31 - SteelICompServ-Flx - Approach, Span 4-6										
Request	BridgeObj	BridgeCut	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	Unitless	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
EV3-neg_serv	BOBJ1	21	59	After	Interior Girder 3	59	0.95	1	1	4.357217
EV3-neg_serv	BOBJ1	21	59	After	Interior Girder 4	59	0.95	1	1	4.354924
EV3-neg_serv	BOBJ1	21	59	After	Interior Girder 5	59	0.95	1	1	4.152779
EV3-neg_serv	BOBJ1	21	59	After	Interior Girder 6	59	0.95	1	1	3.973252
EV3-neg_serv	BOBJ1	22	64	Before	Left Exterior Girder	64	0.95	1	1	5.180643
EV3-neg_serv	BOBJ1	22	64	Before	Interior Girder 1	64	0.95	1	1	3.218428
EV3-neg_serv	BOBJ1	22	64	Before	Interior Girder 2	64	0.95	1	1	3.268246
EV3-neg_serv	BOBJ1	22	64	Before	Interior Girder 3	64	0.95	1	1	3.409082
EV3-neg_serv	BOBJ1	22	64	Before	Interior Girder 4	64	0.95	1	1	3.406917
EV3-neg_serv	BOBJ1	22	64	Before	Interior Girder 5	64	0.95	1	1	3.26504
EV3-neg_serv	BOBJ1	22	64	Before	Interior Girder 6	64	0.95	1	1	3.21892
EV3-neg_serv	BOBJ1	22	64	Before	Right Exterior Girder	64	0.95	1	1	5.185795
EV3-neg_serv	BOBJ1	23	64	After	Left Exterior Girder	64	0.95	1	1	5.215968
EV3-neg_serv	BOBJ1	23	64	After	Interior Girder 1	64	0.95	1	1	3.191878
EV3-neg_serv	BOBJ1	23	64	After	Interior Girder 2	64	0.95	1	1	3.244358
EV3-neg_serv	BOBJ1	23	64	After	Interior Girder 3	64	0.95	1	1	3.411801
EV3-neg_serv	BOBJ1	23	64	After	Interior Girder 4	64	0.95	1	1	3.409549
EV3-neg_serv	BOBJ1	23	64	After	Interior Girder 5	64	0.95	1	1	3.241314
EV3-neg_serv	BOBJ1	23	64	After	Interior Girder 6	64	0.95	1	1	3.192331
EV3-neg_serv	BOBJ1	23	64	After	Right Exterior Girder	64	0.95	1	1	5.221114
EV3-neg_serv	BOBJ1	24	69	Before	Interior Girder 1	69	0.95	1	1	2.43749
EV3-neg_serv	BOBJ1	24	69	Before	Interior Girder 2	69	0.95	1	1	2.464388
EV3-neg_serv	BOBJ1	24	69	Before	Interior Girder 3	69	0.95	1	1	2.427909
EV3-neg_serv	BOBJ1	24	69	Before	Interior Girder 4	69	0.95	1	1	2.426339
EV3-neg_serv	BOBJ1	24	69	Before	Interior Girder 5	69	0.95	1	1	2.460201
EV3-neg_serv	BOBJ1	24	69	Before	Interior Girder 6	69	0.95	1	1	2.438755
EV3-neg_serv	BOBJ1	25	69	After	Interior Girder 1	69	0.95	1	1	5.129661
EV3-neg_serv	BOBJ1	25	69	After	Interior Girder 2	69	0.95	1	1	5.121917
EV3-neg_serv	BOBJ1	25	69	After	Interior Girder 3	69	0.95	1	1	5.107441
EV3-neg_serv	BOBJ1	25	69	After	Interior Girder 4	69	0.95	1	1	5.104282
EV3-neg_serv	BOBJ1	25	69	After	Interior Girder 5	69	0.95	1	1	5.114413
EV3-neg_serv	BOBJ1	25	69	After	Interior Girder 6	69	0.95	1	1	5.131879
EV3-neg_serv	BOBJ1	26	72	Before	Left Exterior Girder	72	0.95	1	1	3.714356
EV3-neg_serv	BOBJ1	26	72	Before	Interior Girder 1	72	0.95	1	1	4.531556
EV3-neg_serv	BOBJ1	26	72	Before	Interior Girder 2	72	0.95	1	1	4.443081
EV3-neg_serv	BOBJ1	26	72	Before	Interior Girder 3	72	0.95	1	1	4.161613
EV3-neg_serv	BOBJ1	26	72	Before	Interior Girder 4	72	0.95	1	1	4.165181
EV3-neg_serv	BOBJ1	26	72	Before	Interior Girder 5	72	0.95	1	1	4.431829
EV3-neg_serv	BOBJ1	26	72	Before	Interior Girder 6	72	0.95	1	1	4.534236
EV3-neg_serv	BOBJ1	26	72	Before	Right Exterior Girder	72	0.95	1	1	3.719482
EV3-neg_serv	BOBJ1	27	72	After	Left Exterior Girder	72	0.95	1	1	3.758177
EV3-neg_serv	BOBJ1	27	72	After	Interior Girder 1	72	0.95	1	1	4.466226
EV3-neg_serv	BOBJ1	27	72	After	Interior Girder 2	72	0.95	1	1	4.413616
EV3-neg_serv	BOBJ1	27	72	After	Interior Girder 3	72	0.95	1	1	4.212207
EV3-neg_serv	BOBJ1	27	72	After	Interior Girder 4	72	0.95	1	1	4.217082
EV3-neg_serv	BOBJ1	27	72	After	Interior Girder 5	72	0.95	1	1	4.406376
EV3-neg_serv	BOBJ1	27	72	After	Interior Girder 6	72	0.95	1	1	4.469317
EV3-neg_serv	BOBJ1	27	72	After	Right Exterior Girder	72	0.95	1	1	3.763249
EV3-neg_serv	BOBJ1	28	72.5	Before	Left Exterior Girder	72.5	0.95	1	1	3.6287
EV3-neg_serv	BOBJ1	28	72.5	Before	Right Exterior Girder	72.5	0.95	1	1	3.63328
EV3-neg_serv	BOBJ1	29	72.5	After	Left Exterior Girder	72.5	0.95	1	1	5.414866
EV3-neg_serv	BOBJ1	29	72.5	After	Right Exterior Girder	72.5	0.95	1	1	5.421868
EV3-neg_serv	BOBJ1	30	80	Before	Left Exterior Girder	80	0.95	1	1	2.695444
EV3-neg_serv	BOBJ1	30	80	Before	Interior Girder 1	80	0.95	1	1	2.000011
EV3-neg_serv	BOBJ1	30	80	Before	Interior Girder 2	80	0.95	1	1	1.945149
EV3-neg_serv	BOBJ1	30	80	Before	Interior Girder 3	80	0.95	1	1	1.670477
EV3-neg_serv	BOBJ1	30	80	Before	Interior Girder 4	80	0.95	1	1	1.670603
EV3-neg_serv	BOBJ1	30	80	Before	Interior Girder 5	80	0.95	1	1	1.937894
EV3-neg_serv	BOBJ1	30	80	Before	Interior Girder 6	80	0.95	1	1	2.003955
EV3-neg_serv	BOBJ1	30	80	Before	Right Exterior Girder	80	0.95	1	1	2.699806
EV3-neg_serv	BOBJ1	31	80	After	Left Exterior Girder	0	0.95	1	1	2.678078
EV3-neg_serv	BOBJ1	31	80	After	Interior Girder 1	0	0.95	1	1	2.00486
EV3-neg_serv	BOBJ1	31	80	After	Interior Girder 2	0	0.95	1	1	1.939249
EV3-neg_serv	BOBJ1	31	80	After	Interior Girder 3	0	0.95	1	1	1.661066
EV3-neg_serv	BOBJ1	31	80	After	Interior Girder 4	0	0.95	1	1	1.661582
EV3-neg_serv	BOBJ1	31	80	After	Interior Girder 5	0	0.95	1	1	1.931881
EV3-neg_serv	BOBJ1	31	80	After	Interior Girder 6	0	0.95	1	1	2.008568
EV3-neg_serv	BOBJ1	31	80	After	Right Exterior Girder	0	0.95	1	1	2.682412
EV3-neg_serv	BOBJ1	32	87.5	Before	Left Exterior Girder	7.5	0.95	1	1	5.375918
EV3-neg_serv	BOBJ1	32	87.5	Before	Right Exterior Girder	7.5	0.95	1	1	5.382835
EV3-neg_serv	BOBJ1	33	87.5	After	Left Exterior Girder	7.5	0.95	1	1	3.492816
EV3-neg_serv	BOBJ1	33	87.5	After	Right Exterior Girder	7.5	0.95	1	1	3.497144
EV3-neg_serv	BOBJ1	34	88	Before	Left Exterior Girder	8	0.95	1	1	3.681198

TABLE: Bridge Super Rating AASHTORATE18 31 - SteelICompServ-Flx - Approach, Span 4-6										
Request	BridgeObj	BridgeCut	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	Unitless	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
EV3-neg_serv	BOBJ1	34	88	Before	Interior Girder 1	8	0.95	1	1	4.206566
EV3-neg_serv	BOBJ1	34	88	Before	Interior Girder 2	8	0.95	1	1	4.110549
EV3-neg_serv	BOBJ1	34	88	Before	Interior Girder 3	8	0.95	1	1	3.874245
EV3-neg_serv	BOBJ1	34	88	Before	Interior Girder 4	8	0.95	1	1	3.881404
EV3-neg_serv	BOBJ1	34	88	Before	Interior Girder 5	8	0.95	1	1	4.111581
EV3-neg_serv	BOBJ1	34	88	Before	Interior Girder 6	8	0.95	1	1	4.210496
EV3-neg_serv	BOBJ1	34	88	Before	Right Exterior Girder	8	0.95	1	1	3.685894
EV3-neg_serv	BOBJ1	35	88	After	Left Exterior Girder	8	0.95	1	1	3.644858
EV3-neg_serv	BOBJ1	35	88	After	Interior Girder 1	8	0.95	1	1	4.233531
EV3-neg_serv	BOBJ1	35	88	After	Interior Girder 2	8	0.95	1	1	4.125378
EV3-neg_serv	BOBJ1	35	88	After	Interior Girder 3	8	0.95	1	1	3.822301
EV3-neg_serv	BOBJ1	35	88	After	Interior Girder 4	8	0.95	1	1	3.827864
EV3-neg_serv	BOBJ1	35	88	After	Interior Girder 5	8	0.95	1	1	4.123816
EV3-neg_serv	BOBJ1	35	88	After	Interior Girder 6	8	0.95	1	1	4.236971
EV3-neg_serv	BOBJ1	35	88	After	Right Exterior Girder	8	0.95	1	1	3.649543
EV3-neg_serv	BOBJ1	36	91	Before	Interior Girder 1	11	0.95	1	1	4.73092
EV3-neg_serv	BOBJ1	36	91	Before	Interior Girder 2	11	0.95	1	1	4.776678
EV3-neg_serv	BOBJ1	36	91	Before	Interior Girder 3	11	0.95	1	1	4.705971
EV3-neg_serv	BOBJ1	36	91	Before	Interior Girder 4	11	0.95	1	1	4.703268
EV3-neg_serv	BOBJ1	36	91	Before	Interior Girder 5	11	0.95	1	1	4.768317
EV3-neg_serv	BOBJ1	36	91	Before	Interior Girder 6	11	0.95	1	1	4.73361
EV3-neg_serv	BOBJ1	37	91	After	Interior Girder 1	11	0.95	1	1	2.09182
EV3-neg_serv	BOBJ1	37	91	After	Interior Girder 2	11	0.95	1	1	2.144588
EV3-neg_serv	BOBJ1	37	91	After	Interior Girder 3	11	0.95	1	1	2.087354
EV3-neg_serv	BOBJ1	37	91	After	Interior Girder 4	11	0.95	1	1	2.086425
EV3-neg_serv	BOBJ1	37	91	After	Interior Girder 5	11	0.95	1	1	2.140921
EV3-neg_serv	BOBJ1	37	91	After	Interior Girder 6	11	0.95	1	1	2.092961
EV3-neg_serv	BOBJ1	38	96	Before	Left Exterior Girder	16	0.95	1	1	5.363639
EV3-neg_serv	BOBJ1	38	96	Before	Interior Girder 1	16	0.95	1	1	2.688376
EV3-neg_serv	BOBJ1	38	96	Before	Interior Girder 2	16	0.95	1	1	2.789665
EV3-neg_serv	BOBJ1	38	96	Before	Interior Girder 3	16	0.95	1	1	2.936758
EV3-neg_serv	BOBJ1	38	96	Before	Interior Girder 4	16	0.95	1	1	2.935065
EV3-neg_serv	BOBJ1	38	96	Before	Interior Girder 5	16	0.95	1	1	2.786921
EV3-neg_serv	BOBJ1	38	96	Before	Interior Girder 6	16	0.95	1	1	2.68888
EV3-neg_serv	BOBJ1	38	96	Before	Right Exterior Girder	16	0.95	1	1	5.369015
EV3-neg_serv	BOBJ1	39	96	After	Left Exterior Girder	16	0.95	1	1	2.52516
EV3-neg_serv	BOBJ1	39	96	After	Interior Girder 1	16	0.95	1	1	2.725021
EV3-neg_serv	BOBJ1	39	96	After	Interior Girder 2	16	0.95	1	1	2.805527
EV3-neg_serv	BOBJ1	39	96	After	Interior Girder 3	16	0.95	1	1	2.918183
EV3-neg_serv	BOBJ1	39	96	After	Interior Girder 4	16	0.95	1	1	2.91636
EV3-neg_serv	BOBJ1	39	96	After	Interior Girder 5	16	0.95	1	1	2.802452
EV3-neg_serv	BOBJ1	39	96	After	Interior Girder 6	16	0.95	1	1	2.725529
EV3-neg_serv	BOBJ1	39	96	After	Right Exterior Girder	16	0.95	1	1	2.527739
EV3-neg_serv	BOBJ1	40	104	Before	Left Exterior Girder	24	0.95	1	1	3.803081
EV3-neg_serv	BOBJ1	40	104	Before	Interior Girder 1	24	0.95	1	1	3.740329
EV3-neg_serv	BOBJ1	40	104	Before	Interior Girder 2	24	0.95	1	1	4.063066
EV3-neg_serv	BOBJ1	40	104	Before	Interior Girder 3	24	0.95	1	1	4.274175
EV3-neg_serv	BOBJ1	40	104	Before	Interior Girder 4	24	0.95	1	1	4.272399
EV3-neg_serv	BOBJ1	40	104	Before	Interior Girder 5	24	0.95	1	1	4.061257
EV3-neg_serv	BOBJ1	40	104	Before	Interior Girder 6	24	0.95	1	1	3.74065
EV3-neg_serv	BOBJ1	40	104	Before	Right Exterior Girder	24	0.95	1	1	3.806073
EV3-neg_serv	BOBJ1	41	104	After	Left Exterior Girder	24	0.95	1	1	3.760767
EV3-neg_serv	BOBJ1	41	104	After	Interior Girder 1	24	0.95	1	1	3.777872
EV3-neg_serv	BOBJ1	41	104	After	Interior Girder 2	24	0.95	1	1	4.063943
EV3-neg_serv	BOBJ1	41	104	After	Interior Girder 3	24	0.95	1	1	4.247702
EV3-neg_serv	BOBJ1	41	104	After	Interior Girder 4	24	0.95	1	1	4.245935
EV3-neg_serv	BOBJ1	41	104	After	Interior Girder 5	24	0.95	1	1	4.061937
EV3-neg_serv	BOBJ1	41	104	After	Interior Girder 6	24	0.95	1	1	3.778208
EV3-neg_serv	BOBJ1	41	104	After	Right Exterior Girder	24	0.95	1	1	3.763773
EV3-neg_serv	BOBJ1	42	112	Before	Left Exterior Girder	32	0.95	1	1	5.176661
EV3-neg_serv	BOBJ1	42	112	Before	Interior Girder 1	32	0.95	1	1	4.953121
EV3-neg_serv	BOBJ1	42	112	Before	Interior Girder 2	32	0.95	1	1	5.658231
EV3-neg_serv	BOBJ1	42	112	Before	Interior Girder 3	32	0.95	1	1	6.045858
EV3-neg_serv	BOBJ1	42	112	Before	Interior Girder 4	32	0.95	1	1	6.04454
EV3-neg_serv	BOBJ1	42	112	Before	Interior Girder 5	32	0.95	1	1	5.658126
EV3-neg_serv	BOBJ1	42	112	Before	Interior Girder 6	32	0.95	1	1	4.953509
EV3-neg_serv	BOBJ1	42	112	Before	Right Exterior Girder	32	0.95	1	1	5.179086
EV3-neg_serv	BOBJ1	43	112	After	Left Exterior Girder	32	0.95	1	1	5.11863
EV3-neg_serv	BOBJ1	43	112	After	Interior Girder 1	32	0.95	1	1	5.013136
EV3-neg_serv	BOBJ1	43	112	After	Interior Girder 2	32	0.95	1	1	5.644951
EV3-neg_serv	BOBJ1	43	112	After	Interior Girder 3	32	0.95	1	1	6.002154
EV3-neg_serv	BOBJ1	43	112	After	Interior Girder 4	32	0.95	1	1	6.001066
EV3-neg_serv	BOBJ1	43	112	After	Interior Girder 5	32	0.95	1	1	5.644409

TABLE: Bridge Super Rating AASHTORATE18 31 - SteelICompServ-Flx - Approach, Span 4-6										
Request	BridgeObj	BridgeCut	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	Unitless	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
EV3-neg_serv	BOBJ1	43	112	After	Interior Girder 6	32	0.95	1	1	5.013479
EV3-neg_serv	BOBJ1	43	112	After	Right Exterior Girder	32	0.95	1	1	5.121266
EV3-neg_serv	BOBJ1	44	120	Before	Left Exterior Girder	40	0.95	1	1	6.526658
EV3-neg_serv	BOBJ1	44	120	Before	Interior Girder 1	40	0.95	1	1	6.568935
EV3-neg_serv	BOBJ1	44	120	Before	Interior Girder 2	40	0.95	1	1	7.526988
EV3-neg_serv	BOBJ1	44	120	Before	Interior Girder 3	40	0.95	1	1	8.090094
EV3-neg_serv	BOBJ1	44	120	Before	Interior Girder 4	40	0.95	1	1	8.089012
EV3-neg_serv	BOBJ1	44	120	Before	Interior Girder 5	40	0.95	1	1	7.527117
EV3-neg_serv	BOBJ1	44	120	Before	Interior Girder 6	40	0.95	1	1	6.569471
EV3-neg_serv	BOBJ1	44	120	Before	Right Exterior Girder	40	0.95	1	1	6.529511
EV3-neg_serv	BOBJ1	45	120	After	Left Exterior Girder	40	0.95	1	1	6.55735
EV3-neg_serv	BOBJ1	45	120	After	Interior Girder 1	40	0.95	1	1	6.534851
EV3-neg_serv	BOBJ1	45	120	After	Interior Girder 2	40	0.95	1	1	7.507306
EV3-neg_serv	BOBJ1	45	120	After	Interior Girder 3	40	0.95	1	1	8.060435
EV3-neg_serv	BOBJ1	45	120	After	Interior Girder 4	40	0.95	1	1	8.058609
EV3-neg_serv	BOBJ1	45	120	After	Interior Girder 5	40	0.95	1	1	7.50739
EV3-neg_serv	BOBJ1	45	120	After	Interior Girder 6	40	0.95	1	1	6.535419
EV3-neg_serv	BOBJ1	45	120	After	Right Exterior Girder	40	0.95	1	1	6.55972
EV3-neg_serv	BOBJ1	46	128	Before	Left Exterior Girder	48	0.95	1	1	5.038483
EV3-neg_serv	BOBJ1	46	128	Before	Interior Girder 1	48	0.95	1	1	4.965092
EV3-neg_serv	BOBJ1	46	128	Before	Interior Girder 2	48	0.95	1	1	5.603362
EV3-neg_serv	BOBJ1	46	128	Before	Interior Girder 3	48	0.95	1	1	5.980639
EV3-neg_serv	BOBJ1	46	128	Before	Interior Girder 4	48	0.95	1	1	5.979267
EV3-neg_serv	BOBJ1	46	128	Before	Interior Girder 5	48	0.95	1	1	5.602889
EV3-neg_serv	BOBJ1	46	128	Before	Interior Girder 6	48	0.95	1	1	4.965468
EV3-neg_serv	BOBJ1	46	128	Before	Right Exterior Girder	48	0.95	1	1	5.041002
EV3-neg_serv	BOBJ1	47	128	After	Left Exterior Girder	48	0.95	1	1	5.099339
EV3-neg_serv	BOBJ1	47	128	After	Interior Girder 1	48	0.95	1	1	4.907054
EV3-neg_serv	BOBJ1	47	128	After	Interior Girder 2	48	0.95	1	1	5.609748
EV3-neg_serv	BOBJ1	47	128	After	Interior Girder 3	48	0.95	1	1	6.01601
EV3-neg_serv	BOBJ1	47	128	After	Interior Girder 4	48	0.95	1	1	6.014863
EV3-neg_serv	BOBJ1	47	128	After	Interior Girder 5	48	0.95	1	1	5.609694
EV3-neg_serv	BOBJ1	47	128	After	Interior Girder 6	48	0.95	1	1	4.907469
EV3-neg_serv	BOBJ1	47	128	After	Right Exterior Girder	48	0.95	1	1	5.101643
EV3-neg_serv	BOBJ1	48	136	Before	Left Exterior Girder	56	0.95	1	1	3.701776
EV3-neg_serv	BOBJ1	48	136	Before	Interior Girder 1	56	0.95	1	1	3.728755
EV3-neg_serv	BOBJ1	48	136	Before	Interior Girder 2	56	0.95	1	1	4.029302
EV3-neg_serv	BOBJ1	48	136	Before	Interior Girder 3	56	0.95	1	1	4.243487
EV3-neg_serv	BOBJ1	48	136	Before	Interior Girder 4	56	0.95	1	1	4.241764
EV3-neg_serv	BOBJ1	48	136	Before	Interior Girder 5	56	0.95	1	1	4.027496
EV3-neg_serv	BOBJ1	48	136	Before	Interior Girder 6	56	0.95	1	1	3.729074
EV3-neg_serv	BOBJ1	48	136	Before	Right Exterior Girder	56	0.95	1	1	3.704598
EV3-neg_serv	BOBJ1	49	136	After	Left Exterior Girder	56	0.95	1	1	3.756511
EV3-neg_serv	BOBJ1	49	136	After	Interior Girder 1	56	0.95	1	1	3.688487
EV3-neg_serv	BOBJ1	49	136	After	Interior Girder 2	56	0.95	1	1	4.026143
EV3-neg_serv	BOBJ1	49	136	After	Interior Girder 3	56	0.95	1	1	4.265923
EV3-neg_serv	BOBJ1	49	136	After	Interior Girder 4	56	0.95	1	1	4.264176
EV3-neg_serv	BOBJ1	49	136	After	Interior Girder 5	56	0.95	1	1	4.024628
EV3-neg_serv	BOBJ1	49	136	After	Interior Girder 6	56	0.95	1	1	3.688814
EV3-neg_serv	BOBJ1	49	136	After	Right Exterior Girder	56	0.95	1	1	3.759336
EV3-neg_serv	BOBJ1	50	144	Before	Left Exterior Girder	64	0.95	1	1	2.509091
EV3-neg_serv	BOBJ1	50	144	Before	Interior Girder 1	64	0.95	1	1	2.688012
EV3-neg_serv	BOBJ1	50	144	Before	Interior Girder 2	64	0.95	1	1	2.786818
EV3-neg_serv	BOBJ1	50	144	Before	Interior Girder 3	64	0.95	1	1	2.929027
EV3-neg_serv	BOBJ1	50	144	Before	Interior Girder 4	64	0.95	1	1	2.927407
EV3-neg_serv	BOBJ1	50	144	Before	Interior Girder 5	64	0.95	1	1	2.78431
EV3-neg_serv	BOBJ1	50	144	Before	Interior Girder 6	64	0.95	1	1	2.688519
EV3-neg_serv	BOBJ1	50	144	Before	Right Exterior Girder	64	0.95	1	1	2.511458
EV3-neg_serv	BOBJ1	51	144	After	Left Exterior Girder	64	0.95	1	1	4.924717
EV3-neg_serv	BOBJ1	51	144	After	Interior Girder 1	64	0.95	1	1	2.645915
EV3-neg_serv	BOBJ1	51	144	After	Interior Girder 2	64	0.95	1	1	2.769646
EV3-neg_serv	BOBJ1	51	144	After	Interior Girder 3	64	0.95	1	1	2.945903
EV3-neg_serv	BOBJ1	51	144	After	Interior Girder 4	64	0.95	1	1	2.94432
EV3-neg_serv	BOBJ1	51	144	After	Interior Girder 5	64	0.95	1	1	2.767084
EV3-neg_serv	BOBJ1	51	144	After	Interior Girder 6	64	0.95	1	1	2.646439
EV3-neg_serv	BOBJ1	51	144	After	Right Exterior Girder	64	0.95	1	1	4.92926
EV3-neg_serv	BOBJ1	52	150	Before	Interior Girder 1	70	0.95	1	1	1.946381
EV3-neg_serv	BOBJ1	52	150	Before	Interior Girder 2	70	0.95	1	1	2.010388
EV3-neg_serv	BOBJ1	52	150	Before	Interior Girder 3	70	0.95	1	1	1.96145
EV3-neg_serv	BOBJ1	52	150	Before	Interior Girder 4	70	0.95	1	1	1.960768
EV3-neg_serv	BOBJ1	52	150	Before	Interior Girder 5	70	0.95	1	1	2.007377
EV3-neg_serv	BOBJ1	52	150	Before	Interior Girder 6	70	0.95	1	1	1.947332
EV3-neg_serv	BOBJ1	53	150	After	Interior Girder 1	70	0.95	1	1	4.218804

TABLE: Bridge Super Rating AASHTORATE18 31 - SteelICompServ-Flx - Approach, Span 4-6										
Request	BridgeObj	BridgeCut	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	Unitless	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
EV3-neg_serv	BOBJ1	53	150	After	Interior Girder 2	70	0.95	1	1	4.27113
EV3-neg_serv	BOBJ1	53	150	After	Interior Girder 3	70	0.95	1	1	4.218796
EV3-neg_serv	BOBJ1	53	150	After	Interior Girder 4	70	0.95	1	1	4.217045
EV3-neg_serv	BOBJ1	53	150	After	Interior Girder 5	70	0.95	1	1	4.264487
EV3-neg_serv	BOBJ1	53	150	After	Interior Girder 6	70	0.95	1	1	4.220778
EV3-neg_serv	BOBJ1	54	152	Before	Left Exterior Girder	72	0.95	1	1	3.333445
EV3-neg_serv	BOBJ1	54	152	Before	Interior Girder 1	72	0.95	1	1	3.891718
EV3-neg_serv	BOBJ1	54	152	Before	Interior Girder 2	72	0.95	1	1	3.880652
EV3-neg_serv	BOBJ1	54	152	Before	Interior Girder 3	72	0.95	1	1	3.654265
EV3-neg_serv	BOBJ1	54	152	Before	Interior Girder 4	72	0.95	1	1	3.660234
EV3-neg_serv	BOBJ1	54	152	Before	Interior Girder 5	72	0.95	1	1	3.879048
EV3-neg_serv	BOBJ1	54	152	Before	Interior Girder 6	72	0.95	1	1	3.894649
EV3-neg_serv	BOBJ1	54	152	Before	Right Exterior Girder	72	0.95	1	1	3.337741
EV3-neg_serv	BOBJ1	55	152	After	Left Exterior Girder	72	0.95	1	1	3.366395
EV3-neg_serv	BOBJ1	55	152	After	Interior Girder 1	72	0.95	1	1	3.857129
EV3-neg_serv	BOBJ1	55	152	After	Interior Girder 2	72	0.95	1	1	3.858067
EV3-neg_serv	BOBJ1	55	152	After	Interior Girder 3	72	0.95	1	1	3.688862
EV3-neg_serv	BOBJ1	55	152	After	Interior Girder 4	72	0.95	1	1	3.69304
EV3-neg_serv	BOBJ1	55	152	After	Interior Girder 5	72	0.95	1	1	3.858484
EV3-neg_serv	BOBJ1	55	152	After	Interior Girder 6	72	0.95	1	1	3.860465
EV3-neg_serv	BOBJ1	55	152	After	Right Exterior Girder	72	0.95	1	1	3.370652
EV3-neg_serv	BOBJ1	56	154	Before	Left Exterior Girder	74	0.95	1	1	2.779429
EV3-neg_serv	BOBJ1	56	154	Before	Right Exterior Girder	74	0.95	1	1	2.782704
EV3-neg_serv	BOBJ1	57	154	After	Left Exterior Girder	74	0.95	1	1	4.295605
EV3-neg_serv	BOBJ1	57	154	After	Right Exterior Girder	74	0.95	1	1	4.300836
EV3-neg_serv	BOBJ1	58	160	Before	Left Exterior Girder	80	0.95	1	1	2.449094
EV3-neg_serv	BOBJ1	58	160	Before	Interior Girder 1	80	0.95	1	1	1.862363
EV3-neg_serv	BOBJ1	58	160	Before	Interior Girder 2	80	0.95	1	1	1.818021
EV3-neg_serv	BOBJ1	58	160	Before	Interior Girder 3	80	0.95	1	1	1.574654
EV3-neg_serv	BOBJ1	58	160	Before	Interior Girder 4	80	0.95	1	1	1.575309
EV3-neg_serv	BOBJ1	58	160	Before	Interior Girder 5	80	0.95	1	1	1.811153
EV3-neg_serv	BOBJ1	58	160	Before	Interior Girder 6	80	0.95	1	1	1.865613
EV3-neg_serv	BOBJ1	58	160	Before	Right Exterior Girder	80	0.95	1	1	2.453009
EV3-neg_serv	BOBJ1	59	160	After	Left Exterior Girder	0	0.95	1	1	2.423361
EV3-neg_serv	BOBJ1	59	160	After	Interior Girder 1	0	0.95	1	1	1.8522
EV3-neg_serv	BOBJ1	59	160	After	Interior Girder 2	0	0.95	1	1	1.826166
EV3-neg_serv	BOBJ1	59	160	After	Interior Girder 3	0	0.95	1	1	1.571985
EV3-neg_serv	BOBJ1	59	160	After	Interior Girder 4	0	0.95	1	1	1.572022
EV3-neg_serv	BOBJ1	59	160	After	Interior Girder 5	0	0.95	1	1	1.819296
EV3-neg_serv	BOBJ1	59	160	After	Interior Girder 6	0	0.95	1	1	1.855705
EV3-neg_serv	BOBJ1	59	160	After	Right Exterior Girder	0	0.95	1	1	2.427195
EV3-neg_serv	BOBJ1	60	166	Before	Left Exterior Girder	6	0.95	1	1	4.589905
EV3-neg_serv	BOBJ1	60	166	Before	Right Exterior Girder	6	0.95	1	1	4.595594
EV3-neg_serv	BOBJ1	61	166	After	Left Exterior Girder	6	0.95	1	1	2.993632
EV3-neg_serv	BOBJ1	61	166	After	Right Exterior Girder	6	0.95	1	1	2.997197
EV3-neg_serv	BOBJ1	62	168	Before	Left Exterior Girder	8	0.95	1	1	3.662602
EV3-neg_serv	BOBJ1	62	168	Before	Interior Girder 1	8	0.95	1	1	4.320736
EV3-neg_serv	BOBJ1	62	168	Before	Interior Girder 2	8	0.95	1	1	4.268807
EV3-neg_serv	BOBJ1	62	168	Before	Interior Girder 3	8	0.95	1	1	4.059801
EV3-neg_serv	BOBJ1	62	168	Before	Interior Girder 4	8	0.95	1	1	4.067009
EV3-neg_serv	BOBJ1	62	168	Before	Interior Girder 5	8	0.95	1	1	4.266103
EV3-neg_serv	BOBJ1	62	168	Before	Interior Girder 6	8	0.95	1	1	4.323681
EV3-neg_serv	BOBJ1	62	168	Before	Right Exterior Girder	8	0.95	1	1	3.667213
EV3-neg_serv	BOBJ1	63	168	After	Left Exterior Girder	8	0.95	1	1	3.605038
EV3-neg_serv	BOBJ1	63	168	After	Interior Girder 1	8	0.95	1	1	4.401099
EV3-neg_serv	BOBJ1	63	168	After	Interior Girder 2	8	0.95	1	1	4.304487
EV3-neg_serv	BOBJ1	63	168	After	Interior Girder 3	8	0.95	1	1	4.024692
EV3-neg_serv	BOBJ1	63	168	After	Interior Girder 4	8	0.95	1	1	4.030302
EV3-neg_serv	BOBJ1	63	168	After	Interior Girder 5	8	0.95	1	1	4.295157
EV3-neg_serv	BOBJ1	63	168	After	Interior Girder 6	8	0.95	1	1	4.403715
EV3-neg_serv	BOBJ1	63	168	After	Right Exterior Girder	8	0.95	1	1	3.609603
EV3-neg_serv	BOBJ1	64	170	Before	Interior Girder 1	10	0.95	1	1	4.807593
EV3-neg_serv	BOBJ1	64	170	Before	Interior Girder 2	10	0.95	1	1	4.797107
EV3-neg_serv	BOBJ1	64	170	Before	Interior Girder 3	10	0.95	1	1	4.735507
EV3-neg_serv	BOBJ1	64	170	Before	Interior Girder 4	10	0.95	1	1	4.731745
EV3-neg_serv	BOBJ1	64	170	Before	Interior Girder 5	10	0.95	1	1	4.788426
EV3-neg_serv	BOBJ1	64	170	Before	Interior Girder 6	10	0.95	1	1	4.810385
EV3-neg_serv	BOBJ1	65	170	After	Interior Girder 1	10	0.95	1	1	2.363988
EV3-neg_serv	BOBJ1	65	170	After	Interior Girder 2	10	0.95	1	1	2.401488
EV3-neg_serv	BOBJ1	65	170	After	Interior Girder 3	10	0.95	1	1	2.337956
EV3-neg_serv	BOBJ1	65	170	After	Interior Girder 4	10	0.95	1	1	2.336208
EV3-neg_serv	BOBJ1	65	170	After	Interior Girder 5	10	0.95	1	1	2.396844
EV3-neg_serv	BOBJ1	65	170	After	Interior Girder 6	10	0.95	1	1	2.365262

TABLE: Bridge Super Rating AASHTORATE18 31 - SteelICompServ-Flx - Approach, Span 4-6										
Request	BridgeObj	BridgeCut	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	Unitless	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
EV3-neg_serv	BOBJ1	66	176	Before	Left Exterior Girder	16	0.95	1	1	5.206455
EV3-neg_serv	BOBJ1	66	176	Before	Interior Girder 1	16	0.95	1	1	3.290198
EV3-neg_serv	BOBJ1	66	176	Before	Interior Girder 2	16	0.95	1	1	3.367821
EV3-neg_serv	BOBJ1	66	176	Before	Interior Girder 3	16	0.95	1	1	3.548079
EV3-neg_serv	BOBJ1	66	176	Before	Interior Girder 4	16	0.95	1	1	3.545628
EV3-neg_serv	BOBJ1	66	176	Before	Interior Girder 5	16	0.95	1	1	3.364673
EV3-neg_serv	BOBJ1	66	176	Before	Interior Girder 6	16	0.95	1	1	3.290791
EV3-neg_serv	BOBJ1	66	176	Before	Right Exterior Girder	16	0.95	1	1	5.211545
EV3-neg_serv	BOBJ1	67	176	After	Left Exterior Girder	16	0.95	1	1	5.153875
EV3-neg_serv	BOBJ1	67	176	After	Interior Girder 1	16	0.95	1	1	3.327947
EV3-neg_serv	BOBJ1	67	176	After	Interior Girder 2	16	0.95	1	1	3.395168
EV3-neg_serv	BOBJ1	67	176	After	Interior Girder 3	16	0.95	1	1	3.545746
EV3-neg_serv	BOBJ1	67	176	After	Interior Girder 4	16	0.95	1	1	3.543582
EV3-neg_serv	BOBJ1	67	176	After	Interior Girder 5	16	0.95	1	1	3.391804
EV3-neg_serv	BOBJ1	67	176	After	Interior Girder 6	16	0.95	1	1	3.328445
EV3-neg_serv	BOBJ1	67	176	After	Right Exterior Girder	16	0.95	1	1	5.158891
EV3-neg_serv	BOBJ1	68	181	Before	Interior Girder 1	21	0.95	1	1	4.106104
EV3-neg_serv	BOBJ1	68	181	Before	Interior Girder 2	21	0.95	1	1	4.313869
EV3-neg_serv	BOBJ1	68	181	Before	Interior Girder 3	21	0.95	1	1	4.530176
EV3-neg_serv	BOBJ1	68	181	Before	Interior Girder 4	21	0.95	1	1	4.527829
EV3-neg_serv	BOBJ1	68	181	Before	Interior Girder 5	21	0.95	1	1	4.311772
EV3-neg_serv	BOBJ1	68	181	Before	Interior Girder 6	21	0.95	1	1	4.106567
EV3-neg_serv	BOBJ1	69	181	After	Interior Girder 1	21	0.95	1	1	6.341354
EV3-neg_serv	BOBJ1	69	181	After	Interior Girder 2	21	0.95	1	1	6.75868
EV3-neg_serv	BOBJ1	69	181	After	Interior Girder 3	21	0.95	1	1	7.056579
EV3-neg_serv	BOBJ1	69	181	After	Interior Girder 4	21	0.95	1	1	7.0531
EV3-neg_serv	BOBJ1	69	181	After	Interior Girder 5	21	0.95	1	1	6.755363
EV3-neg_serv	BOBJ1	69	181	After	Interior Girder 6	21	0.95	1	1	6.342172
EV3-neg_serv	BOBJ1	70	184	Before	Left Exterior Girder	24	0.95	1	1	6.911351
EV3-neg_serv	BOBJ1	70	184	Before	Interior Girder 1	24	0.95	1	1	6.960119
EV3-neg_serv	BOBJ1	70	184	Before	Interior Girder 2	24	0.95	1	1	7.543391
EV3-neg_serv	BOBJ1	70	184	Before	Interior Girder 3	24	0.95	1	1	7.903366
EV3-neg_serv	BOBJ1	70	184	Before	Interior Girder 4	24	0.95	1	1	7.900098
EV3-neg_serv	BOBJ1	70	184	Before	Interior Girder 5	24	0.95	1	1	7.541134
EV3-neg_serv	BOBJ1	70	184	Before	Interior Girder 6	24	0.95	1	1	6.960794
EV3-neg_serv	BOBJ1	70	184	Before	Right Exterior Girder	24	0.95	1	1	6.916588
EV3-neg_serv	BOBJ1	71	184	After	Left Exterior Girder	24	0.95	1	1	6.827752
EV3-neg_serv	BOBJ1	71	184	After	Interior Girder 1	24	0.95	1	1	7.014056
EV3-neg_serv	BOBJ1	71	184	After	Interior Girder 2	24	0.95	1	1	7.539813
EV3-neg_serv	BOBJ1	71	184	After	Interior Girder 3	24	0.95	1	1	7.888656
EV3-neg_serv	BOBJ1	71	184	After	Interior Girder 4	24	0.95	1	1	7.885318
EV3-neg_serv	BOBJ1	71	184	After	Interior Girder 5	24	0.95	1	1	7.537002
EV3-neg_serv	BOBJ1	71	184	After	Interior Girder 6	24	0.95	1	1	7.014824
EV3-neg_serv	BOBJ1	71	184	After	Right Exterior Girder	24	0.95	1	1	6.833086
EV3-neg_serv	BOBJ1	72	192	Before	Left Exterior Girder	32	0.95	1	1	8.453409
EV3-neg_serv	BOBJ1	72	192	Before	Interior Girder 1	32	0.95	1	1	8.743463
EV3-neg_serv	BOBJ1	72	192	Before	Interior Girder 2	32	0.95	1	1	9.967503
EV3-neg_serv	BOBJ1	72	192	Before	Interior Girder 3	32	0.95	1	1	10.662492
EV3-neg_serv	BOBJ1	72	192	Before	Interior Girder 4	32	0.95	1	1	10.658509
EV3-neg_serv	BOBJ1	72	192	Before	Interior Girder 5	32	0.95	1	1	9.968234
EV3-neg_serv	BOBJ1	72	192	Before	Interior Girder 6	32	0.95	1	1	8.744383
EV3-neg_serv	BOBJ1	72	192	Before	Right Exterior Girder	32	0.95	1	1	8.457316
EV3-neg_serv	BOBJ1	73	192	After	Left Exterior Girder	32	0.95	1	1	8.282136
EV3-neg_serv	BOBJ1	73	192	After	Interior Girder 1	32	0.95	1	1	8.84587
EV3-neg_serv	BOBJ1	73	192	After	Interior Girder 2	32	0.95	1	1	9.94379
EV3-neg_serv	BOBJ1	73	192	After	Interior Girder 3	32	0.95	1	1	10.592123
EV3-neg_serv	BOBJ1	73	192	After	Interior Girder 4	32	0.95	1	1	10.589091
EV3-neg_serv	BOBJ1	73	192	After	Interior Girder 5	32	0.95	1	1	9.943489
EV3-neg_serv	BOBJ1	73	192	After	Interior Girder 6	32	0.95	1	1	8.846669
EV3-neg_serv	BOBJ1	73	192	After	Right Exterior Girder	32	0.95	1	1	8.286388
EV3-neg_serv	BOBJ1	74	200	Before	Left Exterior Girder	40	0.95	1	1	10.174982
EV3-neg_serv	BOBJ1	74	200	Before	Interior Girder 1	40	0.95	1	1	10.945421
EV3-neg_serv	BOBJ1	74	200	Before	Interior Girder 2	40	0.95	1	1	12.74973
EV3-neg_serv	BOBJ1	74	200	Before	Interior Girder 3	40	0.95	1	1	13.739304
EV3-neg_serv	BOBJ1	74	200	Before	Interior Girder 4	40	0.95	1	1	13.741166
EV3-neg_serv	BOBJ1	74	200	Before	Interior Girder 5	40	0.95	1	1	12.752157
EV3-neg_serv	BOBJ1	74	200	Before	Interior Girder 6	40	0.95	1	1	10.946936
EV3-neg_serv	BOBJ1	74	200	Before	Right Exterior Girder	40	0.95	1	1	10.178355
EV3-neg_serv	BOBJ1	75	200	After	Left Exterior Girder	40	0.95	1	1	9.995876
EV3-neg_serv	BOBJ1	75	200	After	Interior Girder 1	40	0.95	1	1	11.117363
EV3-neg_serv	BOBJ1	75	200	After	Interior Girder 2	40	0.95	1	1	12.70343
EV3-neg_serv	BOBJ1	75	200	After	Interior Girder 3	40	0.95	1	1	13.614475
EV3-neg_serv	BOBJ1	75	200	After	Interior Girder 4	40	0.95	1	1	13.609879

TABLE: Bridge Super Rating AASHTORATE18 31 - SteelICompServ-Flx - Approach, Span 4-6										
Request	BridgeObj	BridgeCut	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	Unitless	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
EV3-neg_serv	BOBJ1	75	200	After	Interior Girder 5	40	0.95	1	1	12.704558
EV3-neg_serv	BOBJ1	75	200	After	Interior Girder 6	40	0.95	1	1	11.118719
EV3-neg_serv	BOBJ1	75	200	After	Right Exterior Girder	40	0.95	1	1	9.99994
EV3-neg_serv	BOBJ1	76	208	Before	Left Exterior Girder	48	0.95	1	1	12.118764
EV3-neg_serv	BOBJ1	76	208	Before	Interior Girder 1	48	0.95	1	1	13.909058
EV3-neg_serv	BOBJ1	76	208	Before	Interior Girder 2	48	0.95	1	1	16.583885
EV3-neg_serv	BOBJ1	76	208	Before	Interior Girder 3	48	0.95	1	1	17.932239
EV3-neg_serv	BOBJ1	76	208	Before	Interior Girder 4	48	0.95	1	1	17.937514
EV3-neg_serv	BOBJ1	76	208	Before	Interior Girder 5	48	0.95	1	1	16.590168
EV3-neg_serv	BOBJ1	76	208	Before	Interior Girder 6	48	0.95	1	1	13.911687
EV3-neg_serv	BOBJ1	76	208	Before	Right Exterior Girder	48	0.95	1	1	12.121051
EV3-neg_serv	BOBJ1	77	208	After	Left Exterior Girder	48	0.95	1	1	11.979653
EV3-neg_serv	BOBJ1	77	208	After	Interior Girder 1	48	0.95	1	1	14.15922
EV3-neg_serv	BOBJ1	77	208	After	Interior Girder 2	48	0.95	1	1	16.582524
EV3-neg_serv	BOBJ1	77	208	After	Interior Girder 3	48	0.95	1	1	17.843322
EV3-neg_serv	BOBJ1	77	208	After	Interior Girder 4	48	0.95	1	1	17.847144
EV3-neg_serv	BOBJ1	77	208	After	Interior Girder 5	48	0.95	1	1	16.58738
EV3-neg_serv	BOBJ1	77	208	After	Interior Girder 6	48	0.95	1	1	14.161835
EV3-neg_serv	BOBJ1	77	208	After	Right Exterior Girder	48	0.95	1	1	11.982918
EV3-neg_serv	BOBJ1	78	216	Before	Left Exterior Girder	56	0.95	1	1	15.671314
EV3-neg_serv	BOBJ1	78	216	Before	Interior Girder 1	56	0.95	1	1	18.129755
EV3-neg_serv	BOBJ1	78	216	Before	Interior Girder 2	56	0.95	1	1	21.973956
EV3-neg_serv	BOBJ1	78	216	Before	Interior Girder 3	56	0.95	1	1	23.839723
EV3-neg_serv	BOBJ1	78	216	Before	Interior Girder 4	56	0.95	1	1	23.847749
EV3-neg_serv	BOBJ1	78	216	Before	Interior Girder 5	56	0.95	1	1	21.984439
EV3-neg_serv	BOBJ1	78	216	Before	Interior Girder 6	56	0.95	1	1	18.132199
EV3-neg_serv	BOBJ1	78	216	Before	Right Exterior Girder	56	0.95	1	1	15.673416
EV3-neg_serv	BOBJ1	79	216	After	Left Exterior Girder	56	0.95	1	1	15.615386
EV3-neg_serv	BOBJ1	79	216	After	Interior Girder 1	56	0.95	1	1	18.692578
EV3-neg_serv	BOBJ1	79	216	After	Interior Girder 2	56	0.95	1	1	22.085215
EV3-neg_serv	BOBJ1	79	216	After	Interior Girder 3	56	0.95	1	1	23.691339
EV3-neg_serv	BOBJ1	79	216	After	Interior Girder 4	56	0.95	1	1	23.697991
EV3-neg_serv	BOBJ1	79	216	After	Interior Girder 5	56	0.95	1	1	22.094376
EV3-neg_serv	BOBJ1	79	216	After	Interior Girder 6	56	0.95	1	1	18.694539
EV3-neg_serv	BOBJ1	79	216	After	Right Exterior Girder	56	0.95	1	1	15.61905
EV3-neg_serv	BOBJ1	80	224	Before	Left Exterior Girder	64	0.95	1	1	21.568065
EV3-neg_serv	BOBJ1	80	224	Before	Interior Girder 1	64	0.95	1	1	25.314864
EV3-neg_serv	BOBJ1	80	224	Before	Interior Girder 2	64	0.95	1	1	32.261413
EV3-neg_serv	BOBJ1	80	224	Before	Interior Girder 3	64	0.95	1	1	35.028341
EV3-neg_serv	BOBJ1	80	224	Before	Interior Girder 4	64	0.95	1	1	35.044853
EV3-neg_serv	BOBJ1	80	224	Before	Interior Girder 5	64	0.95	1	1	32.284692
EV3-neg_serv	BOBJ1	80	224	Before	Interior Girder 6	64	0.95	1	1	25.319188
EV3-neg_serv	BOBJ1	80	224	Before	Right Exterior Girder	64	0.95	1	1	21.593937
EV3-neg_serv	BOBJ1	81	224	After	Left Exterior Girder	64	0.95	1	1	21.592
EV3-neg_serv	BOBJ1	81	224	After	Interior Girder 1	64	0.95	1	1	26.72182
EV3-neg_serv	BOBJ1	81	224	After	Interior Girder 2	64	0.95	1	1	32.744495
EV3-neg_serv	BOBJ1	81	224	After	Interior Girder 3	64	0.95	1	1	34.787013
EV3-neg_serv	BOBJ1	81	224	After	Interior Girder 4	64	0.95	1	1	34.802239
EV3-neg_serv	BOBJ1	81	224	After	Interior Girder 5	64	0.95	1	1	32.766455
EV3-neg_serv	BOBJ1	81	224	After	Interior Girder 6	64	0.95	1	1	26.724677
EV3-neg_serv	BOBJ1	81	224	After	Right Exterior Girder	64	0.95	1	1	21.621925
EV3-neg_serv	BOBJ1	82	232	Before	Left Exterior Girder	72	0.95	1	1	43.397141
EV3-neg_serv	BOBJ1	82	232	Before	Interior Girder 1	72	0.95	1	1	46.346216
EV3-neg_serv	BOBJ1	82	232	Before	Interior Girder 2	72	0.95	1	1	60.383561
EV3-neg_serv	BOBJ1	82	232	Before	Interior Girder 3	72	0.95	1	1	68.163843
EV3-neg_serv	BOBJ1	82	232	Before	Interior Girder 4	72	0.95	1	1	68.195172
EV3-neg_serv	BOBJ1	82	232	Before	Interior Girder 5	72	0.95	1	1	60.401954
EV3-neg_serv	BOBJ1	82	232	Before	Interior Girder 6	72	0.95	1	1	46.358948
EV3-neg_serv	BOBJ1	82	232	Before	Right Exterior Girder	72	0.95	1	1	43.482491
EV3-neg_serv	BOBJ1	83	232	After	Left Exterior Girder	72	0.95	1	1	43.795983
EV3-neg_serv	BOBJ1	83	232	After	Interior Girder 1	72	0.95	1	1	51.449581
EV3-neg_serv	BOBJ1	83	232	After	Interior Girder 2	72	0.95	1	1	62.022471
EV3-neg_serv	BOBJ1	83	232	After	Interior Girder 3	72	0.95	1	1	67.199201
EV3-neg_serv	BOBJ1	83	232	After	Interior Girder 4	72	0.95	1	1	67.241866
EV3-neg_serv	BOBJ1	83	232	After	Interior Girder 5	72	0.95	1	1	62.022505
EV3-neg_serv	BOBJ1	83	232	After	Interior Girder 6	72	0.95	1	1	51.459256
EV3-neg_serv	BOBJ1	83	232	After	Right Exterior Girder	72	0.95	1	1	43.879905
EV3-neg_serv	BOBJ1	84	240	Before	Left Exterior Girder	80	0.95	1	1	44.368477
EV3-neg_serv	BOBJ1	84	240	Before	Interior Girder 1	80	0.95	1	1	29.125139
EV3-neg_serv	BOBJ1	84	240	Before	Interior Girder 2	80	0.95	1	1	23.920067
EV3-neg_serv	BOBJ1	84	240	Before	Interior Girder 3	80	0.95	1	1	15.851089
EV3-neg_serv	BOBJ1	84	240	Before	Interior Girder 4	80	0.95	1	1	15.987289
EV3-neg_serv	BOBJ1	84	240	Before	Interior Girder 5	80	0.95	1	1	23.458371

TABLE: Bridge Super Rating AASHTORATE18 31 - SteelICompServ-Flx - Approach, Span 4-6										
Request	BridgeObj	BridgeCut	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	Unitless	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
EV3-neg_serv	BOBJ1	84	240	Before	Interior Girder 6	80	0.95	1	1	29.182742
EV3-neg_serv	BOBJ1	84	240	Before	Right Exterior Girder	80	0.95	1	1	44.368477
Gravel Truck_serv	BOBJ1	1	0	After	Left Exterior Girder	0	0.95	1	1	394.965475
Gravel Truck_serv	BOBJ1	1	0	After	Interior Girder 1	0	0.95	1	1	436.195749
Gravel Truck_serv	BOBJ1	1	0	After	Interior Girder 2	0	0.95	1	1	302.390954
Gravel Truck_serv	BOBJ1	1	0	After	Interior Girder 3	0	0.95	1	1	195.166542
Gravel Truck_serv	BOBJ1	1	0	After	Interior Girder 4	0	0.95	1	1	198.230552
Gravel Truck_serv	BOBJ1	1	0	After	Interior Girder 5	0	0.95	1	1	299.670813
Gravel Truck_serv	BOBJ1	1	0	After	Interior Girder 6	0	0.95	1	1	418.350894
Gravel Truck_serv	BOBJ1	1	0	After	Right Exterior Girder	0	0.95	1	1	394.965474
Gravel Truck_serv	BOBJ1	2	8	Before	Left Exterior Girder	8	0.95	1	1	6.522568
Gravel Truck_serv	BOBJ1	2	8	Before	Interior Girder 1	8	0.95	1	1	6.02039
Gravel Truck_serv	BOBJ1	2	8	Before	Interior Girder 2	8	0.95	1	1	5.659139
Gravel Truck_serv	BOBJ1	2	8	Before	Interior Girder 3	8	0.95	1	1	5.291916
Gravel Truck_serv	BOBJ1	2	8	Before	Interior Girder 4	8	0.95	1	1	5.318965
Gravel Truck_serv	BOBJ1	2	8	Before	Interior Girder 5	8	0.95	1	1	5.641827
Gravel Truck_serv	BOBJ1	2	8	Before	Interior Girder 6	8	0.95	1	1	6.041975
Gravel Truck_serv	BOBJ1	2	8	Before	Right Exterior Girder	8	0.95	1	1	6.530543
Gravel Truck_serv	BOBJ1	3	8	After	Left Exterior Girder	8	0.95	1	1	6.530116
Gravel Truck_serv	BOBJ1	3	8	After	Interior Girder 1	8	0.95	1	1	6.011224
Gravel Truck_serv	BOBJ1	3	8	After	Interior Girder 2	8	0.95	1	1	5.79279
Gravel Truck_serv	BOBJ1	3	8	After	Interior Girder 3	8	0.95	1	1	5.517895
Gravel Truck_serv	BOBJ1	3	8	After	Interior Girder 4	8	0.95	1	1	5.543151
Gravel Truck_serv	BOBJ1	3	8	After	Interior Girder 5	8	0.95	1	1	5.777001
Gravel Truck_serv	BOBJ1	3	8	After	Interior Girder 6	8	0.95	1	1	6.030357
Gravel Truck_serv	BOBJ1	3	8	After	Right Exterior Girder	8	0.95	1	1	6.537034
Gravel Truck_serv	BOBJ1	4	16	Before	Left Exterior Girder	16	0.95	1	1	3.486588
Gravel Truck_serv	BOBJ1	4	16	Before	Interior Girder 1	16	0.95	1	1	3.646285
Gravel Truck_serv	BOBJ1	4	16	Before	Interior Girder 2	16	0.95	1	1	3.459211
Gravel Truck_serv	BOBJ1	4	16	Before	Interior Girder 3	16	0.95	1	1	3.422179
Gravel Truck_serv	BOBJ1	4	16	Before	Interior Girder 4	16	0.95	1	1	3.420159
Gravel Truck_serv	BOBJ1	4	16	Before	Interior Girder 5	16	0.95	1	1	3.456704
Gravel Truck_serv	BOBJ1	4	16	Before	Interior Girder 6	16	0.95	1	1	3.64616
Gravel Truck_serv	BOBJ1	4	16	Before	Right Exterior Girder	16	0.95	1	1	3.490749
Gravel Truck_serv	BOBJ1	5	16	After	Left Exterior Girder	16	0.95	1	1	3.514067
Gravel Truck_serv	BOBJ1	5	16	After	Interior Girder 1	16	0.95	1	1	3.607014
Gravel Truck_serv	BOBJ1	5	16	After	Interior Girder 2	16	0.95	1	1	3.468492
Gravel Truck_serv	BOBJ1	5	16	After	Interior Girder 3	16	0.95	1	1	3.465144
Gravel Truck_serv	BOBJ1	5	16	After	Interior Girder 4	16	0.95	1	1	3.465987
Gravel Truck_serv	BOBJ1	5	16	After	Interior Girder 5	16	0.95	1	1	3.467626
Gravel Truck_serv	BOBJ1	5	16	After	Interior Girder 6	16	0.95	1	1	3.606719
Gravel Truck_serv	BOBJ1	5	16	After	Right Exterior Girder	16	0.95	1	1	3.518068
Gravel Truck_serv	BOBJ1	6	20.5	Before	Left Exterior Girder	20.5	0.95	1	1	2.970981
Gravel Truck_serv	BOBJ1	6	20.5	Before	Right Exterior Girder	20.5	0.95	1	1	2.974034
Gravel Truck_serv	BOBJ1	7	20.5	After	Left Exterior Girder	20.5	0.95	1	1	3.546675
Gravel Truck_serv	BOBJ1	7	20.5	After	Right Exterior Girder	20.5	0.95	1	1	3.550168
Gravel Truck_serv	BOBJ1	8	24	Before	Left Exterior Girder	24	0.95	1	1	3.255956
Gravel Truck_serv	BOBJ1	8	24	Before	Interior Girder 1	24	0.95	1	1	2.629274
Gravel Truck_serv	BOBJ1	8	24	Before	Interior Girder 2	24	0.95	1	1	2.60179
Gravel Truck_serv	BOBJ1	8	24	Before	Interior Girder 3	24	0.95	1	1	2.630394
Gravel Truck_serv	BOBJ1	8	24	Before	Interior Girder 4	24	0.95	1	1	2.636557
Gravel Truck_serv	BOBJ1	8	24	Before	Interior Girder 5	24	0.95	1	1	2.596179
Gravel Truck_serv	BOBJ1	8	24	Before	Interior Girder 6	24	0.95	1	1	2.634293
Gravel Truck_serv	BOBJ1	8	24	Before	Right Exterior Girder	24	0.95	1	1	3.258903
Gravel Truck_serv	BOBJ1	9	24	After	Left Exterior Girder	24	0.95	1	1	3.244557
Gravel Truck_serv	BOBJ1	9	24	After	Interior Girder 1	24	0.95	1	1	2.641036
Gravel Truck_serv	BOBJ1	9	24	After	Interior Girder 2	24	0.95	1	1	2.602061
Gravel Truck_serv	BOBJ1	9	24	After	Interior Girder 3	24	0.95	1	1	2.64636
Gravel Truck_serv	BOBJ1	9	24	After	Interior Girder 4	24	0.95	1	1	2.654593
Gravel Truck_serv	BOBJ1	9	24	After	Interior Girder 5	24	0.95	1	1	2.596564
Gravel Truck_serv	BOBJ1	9	24	After	Interior Girder 6	24	0.95	1	1	2.645961
Gravel Truck_serv	BOBJ1	9	24	After	Right Exterior Girder	24	0.95	1	1	3.24737
Gravel Truck_serv	BOBJ1	10	32	Before	Left Exterior Girder	32	0.95	1	1	2.835598
Gravel Truck_serv	BOBJ1	10	32	Before	Interior Girder 1	32	0.95	1	1	2.506416
Gravel Truck_serv	BOBJ1	10	32	Before	Interior Girder 2	32	0.95	1	1	2.485237
Gravel Truck_serv	BOBJ1	10	32	Before	Interior Girder 3	32	0.95	1	1	2.550663
Gravel Truck_serv	BOBJ1	10	32	Before	Interior Girder 4	32	0.95	1	1	2.55086
Gravel Truck_serv	BOBJ1	10	32	Before	Interior Girder 5	32	0.95	1	1	2.483426
Gravel Truck_serv	BOBJ1	10	32	Before	Interior Girder 6	32	0.95	1	1	2.506211
Gravel Truck_serv	BOBJ1	10	32	Before	Right Exterior Girder	32	0.95	1	1	2.839066
Gravel Truck_serv	BOBJ1	11	32	After	Left Exterior Girder	32	0.95	1	1	2.843291
Gravel Truck_serv	BOBJ1	11	32	After	Interior Girder 1	32	0.95	1	1	2.507218
Gravel Truck_serv	BOBJ1	11	32	After	Interior Girder 2	32	0.95	1	1	2.480429

TABLE: Bridge Super Rating AASHTORATE18 31 - SteelICompServ-Flx - Approach, Span 4-6										
Request	BridgeObj	BridgeCut	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	Unitless	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Gravel Truck_serv	BOBJ1	11	32	After	Interior Girder 3	32	0.95	1	1	2.548913
Gravel Truck_serv	BOBJ1	11	32	After	Interior Girder 4	32	0.95	1	1	2.549754
Gravel Truck_serv	BOBJ1	11	32	After	Interior Girder 5	32	0.95	1	1	2.479452
Gravel Truck_serv	BOBJ1	11	32	After	Interior Girder 6	32	0.95	1	1	2.50708
Gravel Truck_serv	BOBJ1	11	32	After	Right Exterior Girder	32	0.95	1	1	2.846692
Gravel Truck_serv	BOBJ1	12	40	Before	Left Exterior Girder	40	0.95	1	1	3.015713
Gravel Truck_serv	BOBJ1	12	40	Before	Interior Girder 1	40	0.95	1	1	2.529971
Gravel Truck_serv	BOBJ1	12	40	Before	Interior Girder 2	40	0.95	1	1	2.514854
Gravel Truck_serv	BOBJ1	12	40	Before	Interior Girder 3	40	0.95	1	1	2.591564
Gravel Truck_serv	BOBJ1	12	40	Before	Interior Girder 4	40	0.95	1	1	2.600861
Gravel Truck_serv	BOBJ1	12	40	Before	Interior Girder 5	40	0.95	1	1	2.510516
Gravel Truck_serv	BOBJ1	12	40	Before	Interior Girder 6	40	0.95	1	1	2.533729
Gravel Truck_serv	BOBJ1	12	40	Before	Right Exterior Girder	40	0.95	1	1	3.018358
Gravel Truck_serv	BOBJ1	13	40	After	Left Exterior Girder	40	0.95	1	1	3.024561
Gravel Truck_serv	BOBJ1	13	40	After	Interior Girder 1	40	0.95	1	1	2.536893
Gravel Truck_serv	BOBJ1	13	40	After	Interior Girder 2	40	0.95	1	1	2.507963
Gravel Truck_serv	BOBJ1	13	40	After	Interior Girder 3	40	0.95	1	1	2.581642
Gravel Truck_serv	BOBJ1	13	40	After	Interior Girder 4	40	0.95	1	1	2.588176
Gravel Truck_serv	BOBJ1	13	40	After	Interior Girder 5	40	0.95	1	1	2.502962
Gravel Truck_serv	BOBJ1	13	40	After	Interior Girder 6	40	0.95	1	1	2.541463
Gravel Truck_serv	BOBJ1	13	40	After	Right Exterior Girder	40	0.95	1	1	3.027251
Gravel Truck_serv	BOBJ1	14	46.5	Before	Left Exterior Girder	46.5	0.95	1	1	3.267342
Gravel Truck_serv	BOBJ1	14	46.5	Before	Right Exterior Girder	46.5	0.95	1	1	3.270887
Gravel Truck_serv	BOBJ1	15	46.5	After	Left Exterior Girder	46.5	0.95	1	1	2.812611
Gravel Truck_serv	BOBJ1	15	46.5	After	Right Exterior Girder	46.5	0.95	1	1	2.815751
Gravel Truck_serv	BOBJ1	16	48	Before	Left Exterior Girder	48	0.95	1	1	2.885601
Gravel Truck_serv	BOBJ1	16	48	Before	Interior Girder 1	48	0.95	1	1	3.06136
Gravel Truck_serv	BOBJ1	16	48	Before	Interior Girder 2	48	0.95	1	1	3.052692
Gravel Truck_serv	BOBJ1	16	48	Before	Interior Girder 3	48	0.95	1	1	3.123412
Gravel Truck_serv	BOBJ1	16	48	Before	Interior Girder 4	48	0.95	1	1	3.125204
Gravel Truck_serv	BOBJ1	16	48	Before	Interior Girder 5	48	0.95	1	1	3.052465
Gravel Truck_serv	BOBJ1	16	48	Before	Interior Girder 6	48	0.95	1	1	3.061226
Gravel Truck_serv	BOBJ1	16	48	Before	Right Exterior Girder	48	0.95	1	1	2.888987
Gravel Truck_serv	BOBJ1	17	48	After	Left Exterior Girder	48	0.95	1	1	2.87634
Gravel Truck_serv	BOBJ1	17	48	After	Interior Girder 1	48	0.95	1	1	3.092068
Gravel Truck_serv	BOBJ1	17	48	After	Interior Girder 2	48	0.95	1	1	3.055473
Gravel Truck_serv	BOBJ1	17	48	After	Interior Girder 3	48	0.95	1	1	3.118716
Gravel Truck_serv	BOBJ1	17	48	After	Interior Girder 4	48	0.95	1	1	3.119778
Gravel Truck_serv	BOBJ1	17	48	After	Interior Girder 5	48	0.95	1	1	3.0531
Gravel Truck_serv	BOBJ1	17	48	After	Interior Girder 6	48	0.95	1	1	3.09187
Gravel Truck_serv	BOBJ1	17	48	After	Right Exterior Girder	48	0.95	1	1	2.879868
Gravel Truck_serv	BOBJ1	18	56	Before	Left Exterior Girder	56	0.95	1	1	3.927585
Gravel Truck_serv	BOBJ1	18	56	Before	Interior Girder 1	56	0.95	1	1	4.118606
Gravel Truck_serv	BOBJ1	18	56	Before	Interior Girder 2	56	0.95	1	1	3.991273
Gravel Truck_serv	BOBJ1	18	56	Before	Interior Girder 3	56	0.95	1	1	4.038655
Gravel Truck_serv	BOBJ1	18	56	Before	Interior Girder 4	56	0.95	1	1	4.057817
Gravel Truck_serv	BOBJ1	18	56	Before	Interior Girder 5	56	0.95	1	1	3.984019
Gravel Truck_serv	BOBJ1	18	56	Before	Interior Girder 6	56	0.95	1	1	4.127975
Gravel Truck_serv	BOBJ1	18	56	Before	Right Exterior Girder	56	0.95	1	1	3.930634
Gravel Truck_serv	BOBJ1	19	56	After	Left Exterior Girder	56	0.95	1	1	3.888601
Gravel Truck_serv	BOBJ1	19	56	After	Interior Girder 1	56	0.95	1	1	4.178408
Gravel Truck_serv	BOBJ1	19	56	After	Interior Girder 2	56	0.95	1	1	3.982063
Gravel Truck_serv	BOBJ1	19	56	After	Interior Girder 3	56	0.95	1	1	4.004354
Gravel Truck_serv	BOBJ1	19	56	After	Interior Girder 4	56	0.95	1	1	4.017011
Gravel Truck_serv	BOBJ1	19	56	After	Interior Girder 5	56	0.95	1	1	3.972109
Gravel Truck_serv	BOBJ1	19	56	After	Interior Girder 6	56	0.95	1	1	4.18833
Gravel Truck_serv	BOBJ1	19	56	After	Right Exterior Girder	56	0.95	1	1	3.892368
Gravel Truck_serv	BOBJ1	20	59	Before	Interior Girder 1	59	0.95	1	1	5.007539
Gravel Truck_serv	BOBJ1	20	59	Before	Interior Girder 2	59	0.95	1	1	4.712205
Gravel Truck_serv	BOBJ1	20	59	Before	Interior Girder 3	59	0.95	1	1	4.753335
Gravel Truck_serv	BOBJ1	20	59	Before	Interior Girder 4	59	0.95	1	1	4.775284
Gravel Truck_serv	BOBJ1	20	59	Before	Interior Girder 5	59	0.95	1	1	4.702494
Gravel Truck_serv	BOBJ1	20	59	Before	Interior Girder 6	59	0.95	1	1	5.018285
Gravel Truck_serv	BOBJ1	21	59	After	Interior Girder 1	59	0.95	1	1	2.877563
Gravel Truck_serv	BOBJ1	21	59	After	Interior Girder 2	59	0.95	1	1	2.728893
Gravel Truck_serv	BOBJ1	21	59	After	Interior Girder 3	59	0.95	1	1	2.689287
Gravel Truck_serv	BOBJ1	21	59	After	Interior Girder 4	59	0.95	1	1	2.701534
Gravel Truck_serv	BOBJ1	21	59	After	Interior Girder 5	59	0.95	1	1	2.723409
Gravel Truck_serv	BOBJ1	21	59	After	Interior Girder 6	59	0.95	1	1	2.883605
Gravel Truck_serv	BOBJ1	22	64	Before	Left Exterior Girder	64	0.95	1	1	5.989041
Gravel Truck_serv	BOBJ1	22	64	Before	Interior Girder 1	64	0.95	1	1	3.764898
Gravel Truck_serv	BOBJ1	22	64	Before	Interior Girder 2	64	0.95	1	1	3.862746
Gravel Truck_serv	BOBJ1	22	64	Before	Interior Girder 3	64	0.95	1	1	3.982699

TABLE: Bridge Super Rating AASHTORATE18 31 - SteelICompServ-Flx - Approach, Span 4-6										
Request	BridgeObj	BridgeCut	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	Unitless	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Gravel Truck_serv	BOBJ1	22	64	Before	Interior Girder 4	64	0.95	1	1	3.981081
Gravel Truck_serv	BOBJ1	22	64	Before	Interior Girder 5	64	0.95	1	1	3.859714
Gravel Truck_serv	BOBJ1	22	64	Before	Interior Girder 6	64	0.95	1	1	3.765337
Gravel Truck_serv	BOBJ1	22	64	Before	Right Exterior Girder	64	0.95	1	1	5.994115
Gravel Truck_serv	BOBJ1	23	64	After	Left Exterior Girder	64	0.95	1	1	6.024987
Gravel Truck_serv	BOBJ1	23	64	After	Interior Girder 1	64	0.95	1	1	3.739269
Gravel Truck_serv	BOBJ1	23	64	After	Interior Girder 2	64	0.95	1	1	3.8444
Gravel Truck_serv	BOBJ1	23	64	After	Interior Girder 3	64	0.95	1	1	3.981658
Gravel Truck_serv	BOBJ1	23	64	After	Interior Girder 4	64	0.95	1	1	3.979854
Gravel Truck_serv	BOBJ1	23	64	After	Interior Girder 5	64	0.95	1	1	3.8415
Gravel Truck_serv	BOBJ1	23	64	After	Interior Girder 6	64	0.95	1	1	3.739609
Gravel Truck_serv	BOBJ1	23	64	After	Right Exterior Girder	64	0.95	1	1	6.030042
Gravel Truck_serv	BOBJ1	24	69	Before	Interior Girder 1	69	0.95	1	1	2.887146
Gravel Truck_serv	BOBJ1	24	69	Before	Interior Girder 2	69	0.95	1	1	2.944626
Gravel Truck_serv	BOBJ1	24	69	Before	Interior Girder 3	69	0.95	1	1	2.88627
Gravel Truck_serv	BOBJ1	24	69	Before	Interior Girder 4	69	0.95	1	1	2.884905
Gravel Truck_serv	BOBJ1	24	69	Before	Interior Girder 5	69	0.95	1	1	2.941413
Gravel Truck_serv	BOBJ1	24	69	Before	Interior Girder 6	69	0.95	1	1	2.887847
Gravel Truck_serv	BOBJ1	25	69	After	Interior Girder 1	69	0.95	1	1	6.07245
Gravel Truck_serv	BOBJ1	25	69	After	Interior Girder 2	69	0.95	1	1	6.131642
Gravel Truck_serv	BOBJ1	25	69	After	Interior Girder 3	69	0.95	1	1	6.059611
Gravel Truck_serv	BOBJ1	25	69	After	Interior Girder 4	69	0.95	1	1	6.056505
Gravel Truck_serv	BOBJ1	25	69	After	Interior Girder 5	69	0.95	1	1	6.125313
Gravel Truck_serv	BOBJ1	25	69	After	Interior Girder 6	69	0.95	1	1	6.073671
Gravel Truck_serv	BOBJ1	26	72	Before	Left Exterior Girder	72	0.95	1	1	4.436514
Gravel Truck_serv	BOBJ1	26	72	Before	Interior Girder 1	72	0.95	1	1	5.44679
Gravel Truck_serv	BOBJ1	26	72	Before	Interior Girder 2	72	0.95	1	1	5.454559
Gravel Truck_serv	BOBJ1	26	72	Before	Interior Girder 3	72	0.95	1	1	5.252304
Gravel Truck_serv	BOBJ1	26	72	Before	Interior Girder 4	72	0.95	1	1	5.249658
Gravel Truck_serv	BOBJ1	26	72	Before	Interior Girder 5	72	0.95	1	1	5.44793
Gravel Truck_serv	BOBJ1	26	72	Before	Interior Girder 6	72	0.95	1	1	5.448415
Gravel Truck_serv	BOBJ1	26	72	Before	Right Exterior Girder	72	0.95	1	1	4.441045
Gravel Truck_serv	BOBJ1	27	72	After	Left Exterior Girder	72	0.95	1	1	4.454724
Gravel Truck_serv	BOBJ1	27	72	After	Interior Girder 1	72	0.95	1	1	5.386209
Gravel Truck_serv	BOBJ1	27	72	After	Interior Girder 2	72	0.95	1	1	5.392361
Gravel Truck_serv	BOBJ1	27	72	After	Interior Girder 3	72	0.95	1	1	5.218066
Gravel Truck_serv	BOBJ1	27	72	After	Interior Girder 4	72	0.95	1	1	5.215026
Gravel Truck_serv	BOBJ1	27	72	After	Interior Girder 5	72	0.95	1	1	5.385614
Gravel Truck_serv	BOBJ1	27	72	After	Interior Girder 6	72	0.95	1	1	5.387923
Gravel Truck_serv	BOBJ1	27	72	After	Right Exterior Girder	72	0.95	1	1	4.459381
Gravel Truck_serv	BOBJ1	28	72.5	Before	Left Exterior Girder	72.5	0.95	1	1	4.325631
Gravel Truck_serv	BOBJ1	28	72.5	Before	Right Exterior Girder	72.5	0.95	1	1	4.330247
Gravel Truck_serv	BOBJ1	29	72.5	After	Left Exterior Girder	72.5	0.95	1	1	6.42693
Gravel Truck_serv	BOBJ1	29	72.5	After	Right Exterior Girder	72.5	0.95	1	1	6.433887
Gravel Truck_serv	BOBJ1	30	80	Before	Left Exterior Girder	80	0.95	1	1	4.715411
Gravel Truck_serv	BOBJ1	30	80	Before	Interior Girder 1	80	0.95	1	1	3.803291
Gravel Truck_serv	BOBJ1	30	80	Before	Interior Girder 2	80	0.95	1	1	3.576868
Gravel Truck_serv	BOBJ1	30	80	Before	Interior Girder 3	80	0.95	1	1	3.032228
Gravel Truck_serv	BOBJ1	30	80	Before	Interior Girder 4	80	0.95	1	1	3.03748
Gravel Truck_serv	BOBJ1	30	80	Before	Interior Girder 5	80	0.95	1	1	3.568813
Gravel Truck_serv	BOBJ1	30	80	Before	Interior Girder 6	80	0.95	1	1	3.805136
Gravel Truck_serv	BOBJ1	30	80	Before	Right Exterior Girder	80	0.95	1	1	4.721328
Gravel Truck_serv	BOBJ1	31	80	After	Left Exterior Girder	0	0.95	1	1	4.553819
Gravel Truck_serv	BOBJ1	31	80	After	Interior Girder 1	0	0.95	1	1	3.699719
Gravel Truck_serv	BOBJ1	31	80	After	Interior Girder 2	0	0.95	1	1	3.533759
Gravel Truck_serv	BOBJ1	31	80	After	Interior Girder 3	0	0.95	1	1	3.007242
Gravel Truck_serv	BOBJ1	31	80	After	Interior Girder 4	0	0.95	1	1	3.013147
Gravel Truck_serv	BOBJ1	31	80	After	Interior Girder 5	0	0.95	1	1	3.526108
Gravel Truck_serv	BOBJ1	31	80	After	Interior Girder 6	0	0.95	1	1	3.705067
Gravel Truck_serv	BOBJ1	31	80	After	Right Exterior Girder	0	0.95	1	1	4.56025
Gravel Truck_serv	BOBJ1	32	87.5	Before	Left Exterior Girder	7.5	0.95	1	1	6.918094
Gravel Truck_serv	BOBJ1	32	87.5	Before	Right Exterior Girder	7.5	0.95	1	1	6.925431
Gravel Truck_serv	BOBJ1	33	87.5	After	Left Exterior Girder	7.5	0.95	1	1	4.600807
Gravel Truck_serv	BOBJ1	33	87.5	After	Right Exterior Girder	7.5	0.95	1	1	4.605553
Gravel Truck_serv	BOBJ1	34	88	Before	Left Exterior Girder	8	0.95	1	1	4.717097
Gravel Truck_serv	BOBJ1	34	88	Before	Interior Girder 1	8	0.95	1	1	5.3818
Gravel Truck_serv	BOBJ1	34	88	Before	Interior Girder 2	8	0.95	1	1	5.33936
Gravel Truck_serv	BOBJ1	34	88	Before	Interior Girder 3	8	0.95	1	1	5.089748
Gravel Truck_serv	BOBJ1	34	88	Before	Interior Girder 4	8	0.95	1	1	5.086811
Gravel Truck_serv	BOBJ1	34	88	Before	Interior Girder 5	8	0.95	1	1	5.332492
Gravel Truck_serv	BOBJ1	34	88	Before	Interior Girder 6	8	0.95	1	1	5.38342
Gravel Truck_serv	BOBJ1	34	88	Before	Right Exterior Girder	8	0.95	1	1	4.721961
Gravel Truck_serv	BOBJ1	35	88	After	Left Exterior Girder	8	0.95	1	1	4.749567

TABLE: Bridge Super Rating AASHTORATE18 31 - SteelICompServ-Flx - Approach, Span 4-6										
Request	BridgeObj	BridgeCut	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	Unitless	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Gravel Truck_serv	BOBJ1	35	88	After	Interior Girder 1	8	0.95	1	1	5.394581
Gravel Truck_serv	BOBJ1	35	88	After	Interior Girder 2	8	0.95	1	1	5.400524
Gravel Truck_serv	BOBJ1	35	88	After	Interior Girder 3	8	0.95	1	1	5.126034
Gravel Truck_serv	BOBJ1	35	88	After	Interior Girder 4	8	0.95	1	1	5.123469
Gravel Truck_serv	BOBJ1	35	88	After	Interior Girder 5	8	0.95	1	1	5.393912
Gravel Truck_serv	BOBJ1	35	88	After	Interior Girder 6	8	0.95	1	1	5.396118
Gravel Truck_serv	BOBJ1	35	88	After	Right Exterior Girder	8	0.95	1	1	4.754288
Gravel Truck_serv	BOBJ1	36	91	Before	Interior Girder 1	11	0.95	1	1	5.953536
Gravel Truck_serv	BOBJ1	36	91	Before	Interior Girder 2	11	0.95	1	1	6.050313
Gravel Truck_serv	BOBJ1	36	91	Before	Interior Girder 3	11	0.95	1	1	5.919983
Gravel Truck_serv	BOBJ1	36	91	Before	Interior Girder 4	11	0.95	1	1	5.916921
Gravel Truck_serv	BOBJ1	36	91	Before	Interior Girder 5	11	0.95	1	1	6.043999
Gravel Truck_serv	BOBJ1	36	91	Before	Interior Girder 6	11	0.95	1	1	5.95465
Gravel Truck_serv	BOBJ1	37	91	After	Interior Girder 1	11	0.95	1	1	2.631749
Gravel Truck_serv	BOBJ1	37	91	After	Interior Girder 2	11	0.95	1	1	2.71195
Gravel Truck_serv	BOBJ1	37	91	After	Interior Girder 3	11	0.95	1	1	2.632005
Gravel Truck_serv	BOBJ1	37	91	After	Interior Girder 4	11	0.95	1	1	2.630758
Gravel Truck_serv	BOBJ1	37	91	After	Interior Girder 5	11	0.95	1	1	2.709001
Gravel Truck_serv	BOBJ1	37	91	After	Interior Girder 6	11	0.95	1	1	2.632333
Gravel Truck_serv	BOBJ1	38	96	Before	Left Exterior Girder	16	0.95	1	1	6.618109
Gravel Truck_serv	BOBJ1	38	96	Before	Interior Girder 1	16	0.95	1	1	3.342418
Gravel Truck_serv	BOBJ1	38	96	Before	Interior Girder 2	16	0.95	1	1	3.502335
Gravel Truck_serv	BOBJ1	38	96	Before	Interior Girder 3	16	0.95	1	1	3.635713
Gravel Truck_serv	BOBJ1	38	96	Before	Interior Girder 4	16	0.95	1	1	3.634043
Gravel Truck_serv	BOBJ1	38	96	Before	Interior Girder 5	16	0.95	1	1	3.499713
Gravel Truck_serv	BOBJ1	38	96	Before	Interior Girder 6	16	0.95	1	1	3.342678
Gravel Truck_serv	BOBJ1	38	96	Before	Right Exterior Girder	16	0.95	1	1	6.623263
Gravel Truck_serv	BOBJ1	39	96	After	Left Exterior Girder	16	0.95	1	1	3.129384
Gravel Truck_serv	BOBJ1	39	96	After	Interior Girder 1	16	0.95	1	1	3.379898
Gravel Truck_serv	BOBJ1	39	96	After	Interior Girder 2	16	0.95	1	1	3.509826
Gravel Truck_serv	BOBJ1	39	96	After	Interior Girder 3	16	0.95	1	1	3.619181
Gravel Truck_serv	BOBJ1	39	96	After	Interior Girder 4	16	0.95	1	1	3.617698
Gravel Truck_serv	BOBJ1	39	96	After	Interior Girder 5	16	0.95	1	1	3.506958
Gravel Truck_serv	BOBJ1	39	96	After	Interior Girder 6	16	0.95	1	1	3.38027
Gravel Truck_serv	BOBJ1	39	96	After	Right Exterior Girder	16	0.95	1	1	3.131927
Gravel Truck_serv	BOBJ1	40	104	Before	Left Exterior Girder	24	0.95	1	1	4.035455
Gravel Truck_serv	BOBJ1	40	104	Before	Interior Girder 1	24	0.95	1	1	3.396358
Gravel Truck_serv	BOBJ1	40	104	Before	Interior Girder 2	24	0.95	1	1	3.234445
Gravel Truck_serv	BOBJ1	40	104	Before	Interior Girder 3	24	0.95	1	1	3.192041
Gravel Truck_serv	BOBJ1	40	104	Before	Interior Girder 4	24	0.95	1	1	3.20815
Gravel Truck_serv	BOBJ1	40	104	Before	Interior Girder 5	24	0.95	1	1	3.227697
Gravel Truck_serv	BOBJ1	40	104	Before	Interior Girder 6	24	0.95	1	1	3.405428
Gravel Truck_serv	BOBJ1	40	104	Before	Right Exterior Girder	24	0.95	1	1	4.039318
Gravel Truck_serv	BOBJ1	41	104	After	Left Exterior Girder	24	0.95	1	1	4.129965
Gravel Truck_serv	BOBJ1	41	104	After	Interior Girder 1	24	0.95	1	1	3.34429
Gravel Truck_serv	BOBJ1	41	104	After	Interior Girder 2	24	0.95	1	1	3.229774
Gravel Truck_serv	BOBJ1	41	104	After	Interior Girder 3	24	0.95	1	1	3.230719
Gravel Truck_serv	BOBJ1	41	104	After	Interior Girder 4	24	0.95	1	1	3.248826
Gravel Truck_serv	BOBJ1	41	104	After	Interior Girder 5	24	0.95	1	1	3.224996
Gravel Truck_serv	BOBJ1	41	104	After	Interior Girder 6	24	0.95	1	1	3.352856
Gravel Truck_serv	BOBJ1	41	104	After	Right Exterior Girder	24	0.95	1	1	4.133684
Gravel Truck_serv	BOBJ1	42	112	Before	Left Exterior Girder	32	0.95	1	1	2.722893
Gravel Truck_serv	BOBJ1	42	112	Before	Interior Girder 1	32	0.95	1	1	2.701582
Gravel Truck_serv	BOBJ1	42	112	Before	Interior Girder 2	32	0.95	1	1	2.661556
Gravel Truck_serv	BOBJ1	42	112	Before	Interior Girder 3	32	0.95	1	1	2.719044
Gravel Truck_serv	BOBJ1	42	112	Before	Interior Girder 4	32	0.95	1	1	2.719687
Gravel Truck_serv	BOBJ1	42	112	Before	Interior Girder 5	32	0.95	1	1	2.661613
Gravel Truck_serv	BOBJ1	42	112	Before	Interior Girder 6	32	0.95	1	1	2.701092
Gravel Truck_serv	BOBJ1	42	112	Before	Right Exterior Girder	32	0.95	1	1	2.726658
Gravel Truck_serv	BOBJ1	43	112	After	Left Exterior Girder	32	0.95	1	1	2.762788
Gravel Truck_serv	BOBJ1	43	112	After	Interior Girder 1	32	0.95	1	1	2.676741
Gravel Truck_serv	BOBJ1	43	112	After	Interior Girder 2	32	0.95	1	1	2.654472
Gravel Truck_serv	BOBJ1	43	112	After	Interior Girder 3	32	0.95	1	1	2.721694
Gravel Truck_serv	BOBJ1	43	112	After	Interior Girder 4	32	0.95	1	1	2.722187
Gravel Truck_serv	BOBJ1	43	112	After	Interior Girder 5	32	0.95	1	1	2.655429
Gravel Truck_serv	BOBJ1	43	112	After	Interior Girder 6	32	0.95	1	1	2.676344
Gravel Truck_serv	BOBJ1	43	112	After	Right Exterior Girder	32	0.95	1	1	2.766299
Gravel Truck_serv	BOBJ1	44	120	Before	Left Exterior Girder	40	0.95	1	1	2.587948
Gravel Truck_serv	BOBJ1	44	120	Before	Interior Girder 1	40	0.95	1	1	2.369174
Gravel Truck_serv	BOBJ1	44	120	Before	Interior Girder 2	40	0.95	1	1	2.356898
Gravel Truck_serv	BOBJ1	44	120	Before	Interior Girder 3	40	0.95	1	1	2.392882
Gravel Truck_serv	BOBJ1	44	120	Before	Interior Girder 4	40	0.95	1	1	2.401858
Gravel Truck_serv	BOBJ1	44	120	Before	Interior Girder 5	40	0.95	1	1	2.351688

TABLE: Bridge Super Rating AASHTORATE18 31 - SteelICompServ-Flx - Approach, Span 4-6										
Request	BridgeObj	BridgeCut	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	Unitless	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Gravel Truck_serv	BOBJ1	44	120	Before	Interior Girder 6	40	0.95	1	1	2.374203
Gravel Truck_serv	BOBJ1	44	120	Before	Right Exterior Girder	40	0.95	1	1	2.590228
Gravel Truck_serv	BOBJ1	45	120	After	Left Exterior Girder	40	0.95	1	1	2.591298
Gravel Truck_serv	BOBJ1	45	120	After	Interior Girder 1	40	0.95	1	1	2.367083
Gravel Truck_serv	BOBJ1	45	120	After	Interior Girder 2	40	0.95	1	1	2.356137
Gravel Truck_serv	BOBJ1	45	120	After	Interior Girder 3	40	0.95	1	1	2.393395
Gravel Truck_serv	BOBJ1	45	120	After	Interior Girder 4	40	0.95	1	1	2.40215
Gravel Truck_serv	BOBJ1	45	120	After	Interior Girder 5	40	0.95	1	1	2.350859
Gravel Truck_serv	BOBJ1	45	120	After	Interior Girder 6	40	0.95	1	1	2.37212
Gravel Truck_serv	BOBJ1	45	120	After	Right Exterior Girder	40	0.95	1	1	2.593587
Gravel Truck_serv	BOBJ1	46	128	Before	Left Exterior Girder	48	0.95	1	1	2.71785
Gravel Truck_serv	BOBJ1	46	128	Before	Interior Girder 1	48	0.95	1	1	2.656419
Gravel Truck_serv	BOBJ1	46	128	Before	Interior Girder 2	48	0.95	1	1	2.637518
Gravel Truck_serv	BOBJ1	46	128	Before	Interior Girder 3	48	0.95	1	1	2.706265
Gravel Truck_serv	BOBJ1	46	128	Before	Interior Girder 4	48	0.95	1	1	2.70674
Gravel Truck_serv	BOBJ1	46	128	Before	Interior Girder 5	48	0.95	1	1	2.638422
Gravel Truck_serv	BOBJ1	46	128	Before	Interior Girder 6	48	0.95	1	1	2.656013
Gravel Truck_serv	BOBJ1	46	128	Before	Right Exterior Girder	48	0.95	1	1	2.721462
Gravel Truck_serv	BOBJ1	47	128	After	Left Exterior Girder	48	0.95	1	1	2.684304
Gravel Truck_serv	BOBJ1	47	128	After	Interior Girder 1	48	0.95	1	1	2.675504
Gravel Truck_serv	BOBJ1	47	128	After	Interior Girder 2	48	0.95	1	1	2.644405
Gravel Truck_serv	BOBJ1	47	128	After	Interior Girder 3	48	0.95	1	1	2.704753
Gravel Truck_serv	BOBJ1	47	128	After	Interior Girder 4	48	0.95	1	1	2.705339
Gravel Truck_serv	BOBJ1	47	128	After	Interior Girder 5	48	0.95	1	1	2.64441
Gravel Truck_serv	BOBJ1	47	128	After	Interior Girder 6	48	0.95	1	1	2.675013
Gravel Truck_serv	BOBJ1	47	128	After	Right Exterior Girder	48	0.95	1	1	2.687998
Gravel Truck_serv	BOBJ1	48	136	Before	Left Exterior Girder	56	0.95	1	1	3.984629
Gravel Truck_serv	BOBJ1	48	136	Before	Interior Girder 1	56	0.95	1	1	3.291486
Gravel Truck_serv	BOBJ1	48	136	Before	Interior Girder 2	56	0.95	1	1	3.189853
Gravel Truck_serv	BOBJ1	48	136	Before	Interior Girder 3	56	0.95	1	1	3.195556
Gravel Truck_serv	BOBJ1	48	136	Before	Interior Girder 4	56	0.95	1	1	3.21319
Gravel Truck_serv	BOBJ1	48	136	Before	Interior Girder 5	56	0.95	1	1	3.185079
Gravel Truck_serv	BOBJ1	48	136	Before	Interior Girder 6	56	0.95	1	1	3.299802
Gravel Truck_serv	BOBJ1	48	136	Before	Right Exterior Girder	56	0.95	1	1	3.988245
Gravel Truck_serv	BOBJ1	49	136	After	Left Exterior Girder	56	0.95	1	1	3.900032
Gravel Truck_serv	BOBJ1	49	136	After	Interior Girder 1	56	0.95	1	1	3.337813
Gravel Truck_serv	BOBJ1	49	136	After	Interior Girder 2	56	0.95	1	1	3.194904
Gravel Truck_serv	BOBJ1	49	136	After	Interior Girder 3	56	0.95	1	1	3.15998
Gravel Truck_serv	BOBJ1	49	136	After	Interior Girder 4	56	0.95	1	1	3.175639
Gravel Truck_serv	BOBJ1	49	136	After	Interior Girder 5	56	0.95	1	1	3.188205
Gravel Truck_serv	BOBJ1	49	136	After	Interior Girder 6	56	0.95	1	1	3.346594
Gravel Truck_serv	BOBJ1	49	136	After	Right Exterior Girder	56	0.95	1	1	3.903775
Gravel Truck_serv	BOBJ1	50	144	Before	Left Exterior Girder	64	0.95	1	1	3.087787
Gravel Truck_serv	BOBJ1	50	144	Before	Interior Girder 1	64	0.95	1	1	3.318976
Gravel Truck_serv	BOBJ1	50	144	Before	Interior Girder 2	64	0.95	1	1	3.476642
Gravel Truck_serv	BOBJ1	50	144	Before	Interior Girder 3	64	0.95	1	1	3.614717
Gravel Truck_serv	BOBJ1	50	144	Before	Interior Girder 4	64	0.95	1	1	3.613335
Gravel Truck_serv	BOBJ1	50	144	Before	Interior Girder 5	64	0.95	1	1	3.473994
Gravel Truck_serv	BOBJ1	50	144	Before	Interior Girder 6	64	0.95	1	1	3.319345
Gravel Truck_serv	BOBJ1	50	144	Before	Right Exterior Girder	64	0.95	1	1	3.090183
Gravel Truck_serv	BOBJ1	51	144	After	Left Exterior Girder	64	0.95	1	1	6.035545
Gravel Truck_serv	BOBJ1	51	144	After	Interior Girder 1	64	0.95	1	1	3.273798
Gravel Truck_serv	BOBJ1	51	144	After	Interior Girder 2	64	0.95	1	1	3.465785
Gravel Truck_serv	BOBJ1	51	144	After	Interior Girder 3	64	0.95	1	1	3.62818
Gravel Truck_serv	BOBJ1	51	144	After	Interior Girder 4	64	0.95	1	1	3.626599
Gravel Truck_serv	BOBJ1	51	144	After	Interior Girder 5	64	0.95	1	1	3.463368
Gravel Truck_serv	BOBJ1	51	144	After	Interior Girder 6	64	0.95	1	1	3.274075
Gravel Truck_serv	BOBJ1	51	144	After	Right Exterior Girder	64	0.95	1	1	6.040038
Gravel Truck_serv	BOBJ1	52	150	Before	Interior Girder 1	70	0.95	1	1	2.442108
Gravel Truck_serv	BOBJ1	52	150	Before	Interior Girder 2	70	0.95	1	1	2.539904
Gravel Truck_serv	BOBJ1	52	150	Before	Interior Girder 3	70	0.95	1	1	2.469211
Gravel Truck_serv	BOBJ1	52	150	Before	Interior Girder 4	70	0.95	1	1	2.468057
Gravel Truck_serv	BOBJ1	52	150	Before	Interior Girder 5	70	0.95	1	1	2.537175
Gravel Truck_serv	BOBJ1	52	150	Before	Interior Girder 6	70	0.95	1	1	2.442682
Gravel Truck_serv	BOBJ1	53	150	After	Interior Girder 1	70	0.95	1	1	5.287736
Gravel Truck_serv	BOBJ1	53	150	After	Interior Girder 2	70	0.95	1	1	5.403048
Gravel Truck_serv	BOBJ1	53	150	After	Interior Girder 3	70	0.95	1	1	5.297008
Gravel Truck_serv	BOBJ1	53	150	After	Interior Girder 4	70	0.95	1	1	5.294305
Gravel Truck_serv	BOBJ1	53	150	After	Interior Girder 5	70	0.95	1	1	5.39747
Gravel Truck_serv	BOBJ1	53	150	After	Interior Girder 6	70	0.95	1	1	5.288783
Gravel Truck_serv	BOBJ1	54	152	Before	Left Exterior Girder	72	0.95	1	1	4.262524
Gravel Truck_serv	BOBJ1	54	152	Before	Interior Girder 1	72	0.95	1	1	4.920753
Gravel Truck_serv	BOBJ1	54	152	Before	Interior Girder 2	72	0.95	1	1	4.998812

TABLE: Bridge Super Rating AASHTORATE18 31 - SteelICompServ-Flx - Approach, Span 4-6										
Request	BridgeObj	BridgeCut	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	Unitless	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Gravel Truck_serv	BOBJ1	54	152	Before	Interior Girder 3	72	0.95	1	1	4.80406
Gravel Truck_serv	BOBJ1	54	152	Before	Interior Girder 4	72	0.95	1	1	4.801658
Gravel Truck_serv	BOBJ1	54	152	Before	Interior Girder 5	72	0.95	1	1	4.993065
Gravel Truck_serv	BOBJ1	54	152	Before	Interior Girder 6	72	0.95	1	1	4.922038
Gravel Truck_serv	BOBJ1	54	152	Before	Right Exterior Girder	72	0.95	1	1	4.266591
Gravel Truck_serv	BOBJ1	55	152	After	Left Exterior Girder	72	0.95	1	1	4.263841
Gravel Truck_serv	BOBJ1	55	152	After	Interior Girder 1	72	0.95	1	1	4.898851
Gravel Truck_serv	BOBJ1	55	152	After	Interior Girder 2	72	0.95	1	1	4.948494
Gravel Truck_serv	BOBJ1	55	152	After	Interior Girder 3	72	0.95	1	1	4.772991
Gravel Truck_serv	BOBJ1	55	152	After	Interior Girder 4	72	0.95	1	1	4.770288
Gravel Truck_serv	BOBJ1	55	152	After	Interior Girder 5	72	0.95	1	1	4.942498
Gravel Truck_serv	BOBJ1	55	152	After	Interior Girder 6	72	0.95	1	1	4.900193
Gravel Truck_serv	BOBJ1	55	152	After	Right Exterior Girder	72	0.95	1	1	4.26804
Gravel Truck_serv	BOBJ1	56	154	Before	Left Exterior Girder	74	0.95	1	1	3.82499
Gravel Truck_serv	BOBJ1	56	154	Before	Right Exterior Girder	74	0.95	1	1	3.82893
Gravel Truck_serv	BOBJ1	57	154	After	Left Exterior Girder	74	0.95	1	1	5.774654
Gravel Truck_serv	BOBJ1	57	154	After	Right Exterior Girder	74	0.95	1	1	5.78073
Gravel Truck_serv	BOBJ1	58	160	Before	Left Exterior Girder	80	0.95	1	1	4.22377
Gravel Truck_serv	BOBJ1	58	160	Before	Interior Girder 1	80	0.95	1	1	3.484121
Gravel Truck_serv	BOBJ1	58	160	Before	Interior Girder 2	80	0.95	1	1	3.363932
Gravel Truck_serv	BOBJ1	58	160	Before	Interior Girder 3	80	0.95	1	1	2.868603
Gravel Truck_serv	BOBJ1	58	160	Before	Interior Girder 4	80	0.95	1	1	2.874244
Gravel Truck_serv	BOBJ1	58	160	Before	Interior Girder 5	80	0.95	1	1	3.356747
Gravel Truck_serv	BOBJ1	58	160	Before	Interior Girder 6	80	0.95	1	1	3.485572
Gravel Truck_serv	BOBJ1	58	160	Before	Right Exterior Girder	80	0.95	1	1	4.228602
Gravel Truck_serv	BOBJ1	59	160	After	Left Exterior Girder	0	0.95	1	1	4.201616
Gravel Truck_serv	BOBJ1	59	160	After	Interior Girder 1	0	0.95	1	1	3.402972
Gravel Truck_serv	BOBJ1	59	160	After	Interior Girder 2	0	0.95	1	1	3.288071
Gravel Truck_serv	BOBJ1	59	160	After	Interior Girder 3	0	0.95	1	1	2.816318
Gravel Truck_serv	BOBJ1	59	160	After	Interior Girder 4	0	0.95	1	1	2.820787
Gravel Truck_serv	BOBJ1	59	160	After	Interior Girder 5	0	0.95	1	1	3.28099
Gravel Truck_serv	BOBJ1	59	160	After	Interior Girder 6	0	0.95	1	1	3.407474
Gravel Truck_serv	BOBJ1	59	160	After	Right Exterior Girder	0	0.95	1	1	4.206769
Gravel Truck_serv	BOBJ1	60	166	Before	Left Exterior Girder	6	0.95	1	1	5.860774
Gravel Truck_serv	BOBJ1	60	166	Before	Right Exterior Girder	6	0.95	1	1	5.867386
Gravel Truck_serv	BOBJ1	61	166	After	Left Exterior Girder	6	0.95	1	1	3.911825
Gravel Truck_serv	BOBJ1	61	166	After	Right Exterior Girder	6	0.95	1	1	3.916182
Gravel Truck_serv	BOBJ1	62	168	Before	Left Exterior Girder	8	0.95	1	1	4.370457
Gravel Truck_serv	BOBJ1	62	168	Before	Interior Girder 1	8	0.95	1	1	5.243039
Gravel Truck_serv	BOBJ1	62	168	Before	Interior Girder 2	8	0.95	1	1	5.267908
Gravel Truck_serv	BOBJ1	62	168	Before	Interior Girder 3	8	0.95	1	1	5.089854
Gravel Truck_serv	BOBJ1	62	168	Before	Interior Girder 4	8	0.95	1	1	5.086801
Gravel Truck_serv	BOBJ1	62	168	Before	Interior Girder 5	8	0.95	1	1	5.261397
Gravel Truck_serv	BOBJ1	62	168	Before	Interior Girder 6	8	0.95	1	1	5.244597
Gravel Truck_serv	BOBJ1	62	168	Before	Right Exterior Girder	8	0.95	1	1	4.375044
Gravel Truck_serv	BOBJ1	63	168	After	Left Exterior Girder	8	0.95	1	1	4.334946
Gravel Truck_serv	BOBJ1	63	168	After	Interior Girder 1	8	0.95	1	1	5.312071
Gravel Truck_serv	BOBJ1	63	168	After	Interior Girder 2	8	0.95	1	1	5.323544
Gravel Truck_serv	BOBJ1	63	168	After	Interior Girder 3	8	0.95	1	1	5.123794
Gravel Truck_serv	BOBJ1	63	168	After	Interior Girder 4	8	0.95	1	1	5.121138
Gravel Truck_serv	BOBJ1	63	168	After	Interior Girder 5	8	0.95	1	1	5.317173
Gravel Truck_serv	BOBJ1	63	168	After	Interior Girder 6	8	0.95	1	1	5.313575
Gravel Truck_serv	BOBJ1	63	168	After	Right Exterior Girder	8	0.95	1	1	4.339396
Gravel Truck_serv	BOBJ1	64	170	Before	Interior Girder 1	10	0.95	1	1	5.734394
Gravel Truck_serv	BOBJ1	64	170	Before	Interior Girder 2	10	0.95	1	1	5.769429
Gravel Truck_serv	BOBJ1	64	170	Before	Interior Girder 3	10	0.95	1	1	5.658008
Gravel Truck_serv	BOBJ1	64	170	Before	Interior Girder 4	10	0.95	1	1	5.65503
Gravel Truck_serv	BOBJ1	64	170	Before	Interior Girder 5	10	0.95	1	1	5.763235
Gravel Truck_serv	BOBJ1	64	170	Before	Interior Girder 6	10	0.95	1	1	5.735636
Gravel Truck_serv	BOBJ1	65	170	After	Interior Girder 1	10	0.95	1	1	2.824745
Gravel Truck_serv	BOBJ1	65	170	After	Interior Girder 2	10	0.95	1	1	2.885895
Gravel Truck_serv	BOBJ1	65	170	After	Interior Girder 3	10	0.95	1	1	2.800348
Gravel Truck_serv	BOBJ1	65	170	After	Interior Girder 4	10	0.95	1	1	2.798989
Gravel Truck_serv	BOBJ1	65	170	After	Interior Girder 5	10	0.95	1	1	2.882645
Gravel Truck_serv	BOBJ1	65	170	After	Interior Girder 6	10	0.95	1	1	2.825469
Gravel Truck_serv	BOBJ1	66	176	Before	Left Exterior Girder	16	0.95	1	1	6.023874
Gravel Truck_serv	BOBJ1	66	176	Before	Interior Girder 1	16	0.95	1	1	3.857935
Gravel Truck_serv	BOBJ1	66	176	Before	Interior Girder 2	16	0.95	1	1	3.992
Gravel Truck_serv	BOBJ1	66	176	Before	Interior Girder 3	16	0.95	1	1	4.141519
Gravel Truck_serv	BOBJ1	66	176	Before	Interior Girder 4	16	0.95	1	1	4.13968
Gravel Truck_serv	BOBJ1	66	176	Before	Interior Girder 5	16	0.95	1	1	3.989027
Gravel Truck_serv	BOBJ1	66	176	Before	Interior Girder 6	16	0.95	1	1	3.85828
Gravel Truck_serv	BOBJ1	66	176	Before	Right Exterior Girder	16	0.95	1	1	6.028853

TABLE: Bridge Super Rating AASHTORATE18 31 - SteelICompServ-Flx - Approach, Span 4-6										
Request	BridgeObj	BridgeCut	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	Unitless	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Gravel Truck_serv	BOBJ1	67	176	After	Left Exterior Girder	16	0.95	1	1	5.970741
Gravel Truck_serv	BOBJ1	67	176	After	Interior Girder 1	16	0.95	1	1	3.896023
Gravel Truck_serv	BOBJ1	67	176	After	Interior Girder 2	16	0.95	1	1	4.014641
Gravel Truck_serv	BOBJ1	67	176	After	Interior Girder 3	16	0.95	1	1	4.143625
Gravel Truck_serv	BOBJ1	67	176	After	Interior Girder 4	16	0.95	1	1	4.141998
Gravel Truck_serv	BOBJ1	67	176	After	Interior Girder 5	16	0.95	1	1	4.011498
Gravel Truck_serv	BOBJ1	67	176	After	Interior Girder 6	16	0.95	1	1	3.896468
Gravel Truck_serv	BOBJ1	67	176	After	Right Exterior Girder	16	0.95	1	1	5.975704
Gravel Truck_serv	BOBJ1	68	181	Before	Interior Girder 1	21	0.95	1	1	2.923282
Gravel Truck_serv	BOBJ1	68	181	Before	Interior Girder 2	21	0.95	1	1	2.762657
Gravel Truck_serv	BOBJ1	68	181	Before	Interior Girder 3	21	0.95	1	1	2.734108
Gravel Truck_serv	BOBJ1	68	181	Before	Interior Girder 4	21	0.95	1	1	2.746852
Gravel Truck_serv	BOBJ1	68	181	Before	Interior Girder 5	21	0.95	1	1	2.757097
Gravel Truck_serv	BOBJ1	68	181	Before	Interior Girder 6	21	0.95	1	1	2.929379
Gravel Truck_serv	BOBJ1	69	181	After	Interior Girder 1	21	0.95	1	1	4.681779
Gravel Truck_serv	BOBJ1	69	181	After	Interior Girder 2	21	0.95	1	1	4.393174
Gravel Truck_serv	BOBJ1	69	181	After	Interior Girder 3	21	0.95	1	1	4.441063
Gravel Truck_serv	BOBJ1	69	181	After	Interior Girder 4	21	0.95	1	1	4.462009
Gravel Truck_serv	BOBJ1	69	181	After	Interior Girder 5	21	0.95	1	1	4.384067
Gravel Truck_serv	BOBJ1	69	181	After	Interior Girder 6	21	0.95	1	1	4.691783
Gravel Truck_serv	BOBJ1	70	184	Before	Left Exterior Girder	24	0.95	1	1	3.988889
Gravel Truck_serv	BOBJ1	70	184	Before	Interior Girder 1	24	0.95	1	1	3.871076
Gravel Truck_serv	BOBJ1	70	184	Before	Interior Girder 2	24	0.95	1	1	3.697372
Gravel Truck_serv	BOBJ1	70	184	Before	Interior Girder 3	24	0.95	1	1	3.734864
Gravel Truck_serv	BOBJ1	70	184	Before	Interior Girder 4	24	0.95	1	1	3.747803
Gravel Truck_serv	BOBJ1	70	184	Before	Interior Girder 5	24	0.95	1	1	3.688188
Gravel Truck_serv	BOBJ1	70	184	Before	Interior Girder 6	24	0.95	1	1	3.880263
Gravel Truck_serv	BOBJ1	70	184	Before	Right Exterior Girder	24	0.95	1	1	3.992698
Gravel Truck_serv	BOBJ1	71	184	After	Left Exterior Girder	24	0.95	1	1	4.034781
Gravel Truck_serv	BOBJ1	71	184	After	Interior Girder 1	24	0.95	1	1	3.821562
Gravel Truck_serv	BOBJ1	71	184	After	Interior Girder 2	24	0.95	1	1	3.700658
Gravel Truck_serv	BOBJ1	71	184	After	Interior Girder 3	24	0.95	1	1	3.761837
Gravel Truck_serv	BOBJ1	71	184	After	Interior Girder 4	24	0.95	1	1	3.779857
Gravel Truck_serv	BOBJ1	71	184	After	Interior Girder 5	24	0.95	1	1	3.69369
Gravel Truck_serv	BOBJ1	71	184	After	Interior Girder 6	24	0.95	1	1	3.830242
Gravel Truck_serv	BOBJ1	71	184	After	Right Exterior Girder	24	0.95	1	1	4.037802
Gravel Truck_serv	BOBJ1	72	192	Before	Left Exterior Girder	32	0.95	1	1	2.96163
Gravel Truck_serv	BOBJ1	72	192	Before	Interior Girder 1	32	0.95	1	1	2.796791
Gravel Truck_serv	BOBJ1	72	192	Before	Interior Girder 2	32	0.95	1	1	2.807006
Gravel Truck_serv	BOBJ1	72	192	Before	Interior Girder 3	32	0.95	1	1	2.886519
Gravel Truck_serv	BOBJ1	72	192	Before	Interior Girder 4	32	0.95	1	1	2.887679
Gravel Truck_serv	BOBJ1	72	192	Before	Interior Girder 5	32	0.95	1	1	2.804905
Gravel Truck_serv	BOBJ1	72	192	Before	Interior Girder 6	32	0.95	1	1	2.796635
Gravel Truck_serv	BOBJ1	72	192	Before	Right Exterior Girder	32	0.95	1	1	2.965217
Gravel Truck_serv	BOBJ1	73	192	After	Left Exterior Girder	32	0.95	1	1	2.98237
Gravel Truck_serv	BOBJ1	73	192	After	Interior Girder 1	32	0.95	1	1	2.764503
Gravel Truck_serv	BOBJ1	73	192	After	Interior Girder 2	32	0.95	1	1	2.798694
Gravel Truck_serv	BOBJ1	73	192	After	Interior Girder 3	32	0.95	1	1	2.884465
Gravel Truck_serv	BOBJ1	73	192	After	Interior Girder 4	32	0.95	1	1	2.886037
Gravel Truck_serv	BOBJ1	73	192	After	Interior Girder 5	32	0.95	1	1	2.79767
Gravel Truck_serv	BOBJ1	73	192	After	Interior Girder 6	32	0.95	1	1	2.764452
Gravel Truck_serv	BOBJ1	73	192	After	Right Exterior Girder	32	0.95	1	1	2.985774
Gravel Truck_serv	BOBJ1	74	200	Before	Left Exterior Girder	40	0.95	1	1	2.56184
Gravel Truck_serv	BOBJ1	74	200	Before	Interior Girder 1	40	0.95	1	1	2.251631
Gravel Truck_serv	BOBJ1	74	200	Before	Interior Girder 2	40	0.95	1	1	2.290253
Gravel Truck_serv	BOBJ1	74	200	Before	Interior Girder 3	40	0.95	1	1	2.385436
Gravel Truck_serv	BOBJ1	74	200	Before	Interior Girder 4	40	0.95	1	1	2.39134
Gravel Truck_serv	BOBJ1	74	200	Before	Interior Girder 5	40	0.95	1	1	2.285755
Gravel Truck_serv	BOBJ1	74	200	Before	Interior Girder 6	40	0.95	1	1	2.255659
Gravel Truck_serv	BOBJ1	74	200	Before	Right Exterior Girder	40	0.95	1	1	2.564025
Gravel Truck_serv	BOBJ1	75	200	After	Left Exterior Girder	40	0.95	1	1	2.57776
Gravel Truck_serv	BOBJ1	75	200	After	Interior Girder 1	40	0.95	1	1	2.241764
Gravel Truck_serv	BOBJ1	75	200	After	Interior Girder 2	40	0.95	1	1	2.291407
Gravel Truck_serv	BOBJ1	75	200	After	Interior Girder 3	40	0.95	1	1	2.387437
Gravel Truck_serv	BOBJ1	75	200	After	Interior Girder 4	40	0.95	1	1	2.396221
Gravel Truck_serv	BOBJ1	75	200	After	Interior Girder 5	40	0.95	1	1	2.286999
Gravel Truck_serv	BOBJ1	75	200	After	Interior Girder 6	40	0.95	1	1	2.245667
Gravel Truck_serv	BOBJ1	75	200	After	Right Exterior Girder	40	0.95	1	1	2.579933
Gravel Truck_serv	BOBJ1	76	208	Before	Left Exterior Girder	48	0.95	1	1	2.385131
Gravel Truck_serv	BOBJ1	76	208	Before	Interior Girder 1	48	0.95	1	1	2.186766
Gravel Truck_serv	BOBJ1	76	208	Before	Interior Girder 2	48	0.95	1	1	2.261733
Gravel Truck_serv	BOBJ1	76	208	Before	Interior Girder 3	48	0.95	1	1	2.349261
Gravel Truck_serv	BOBJ1	76	208	Before	Interior Girder 4	48	0.95	1	1	2.350072

TABLE: Bridge Super Rating AASHTORATE18 31 - SteelICompServ-Flx - Approach, Span 4-6										
Request	BridgeObj	BridgeCut	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	Unitless	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Gravel Truck_serv	BOBJ1	76	208	Before	Interior Girder 5	48	0.95	1	1	2.260333
Gravel Truck_serv	BOBJ1	76	208	Before	Interior Girder 6	48	0.95	1	1	2.186707
Gravel Truck_serv	BOBJ1	76	208	Before	Right Exterior Girder	48	0.95	1	1	2.387896
Gravel Truck_serv	BOBJ1	77	208	After	Left Exterior Girder	48	0.95	1	1	2.375515
Gravel Truck_serv	BOBJ1	77	208	After	Interior Girder 1	48	0.95	1	1	2.187723
Gravel Truck_serv	BOBJ1	77	208	After	Interior Girder 2	48	0.95	1	1	2.26333
Gravel Truck_serv	BOBJ1	77	208	After	Interior Girder 3	48	0.95	1	1	2.347019
Gravel Truck_serv	BOBJ1	77	208	After	Interior Girder 4	48	0.95	1	1	2.347397
Gravel Truck_serv	BOBJ1	77	208	After	Interior Girder 5	48	0.95	1	1	2.261754
Gravel Truck_serv	BOBJ1	77	208	After	Interior Girder 6	48	0.95	1	1	2.187622
Gravel Truck_serv	BOBJ1	77	208	After	Right Exterior Girder	48	0.95	1	1	2.378352
Gravel Truck_serv	BOBJ1	78	216	Before	Left Exterior Girder	56	0.95	1	1	2.761144
Gravel Truck_serv	BOBJ1	78	216	Before	Interior Girder 1	56	0.95	1	1	2.361127
Gravel Truck_serv	BOBJ1	78	216	Before	Interior Girder 2	56	0.95	1	1	2.390502
Gravel Truck_serv	BOBJ1	78	216	Before	Interior Girder 3	56	0.95	1	1	2.474631
Gravel Truck_serv	BOBJ1	78	216	Before	Interior Girder 4	56	0.95	1	1	2.483518
Gravel Truck_serv	BOBJ1	78	216	Before	Interior Girder 5	56	0.95	1	1	2.385658
Gravel Truck_serv	BOBJ1	78	216	Before	Interior Girder 6	56	0.95	1	1	2.365437
Gravel Truck_serv	BOBJ1	78	216	Before	Right Exterior Girder	56	0.95	1	1	2.763699
Gravel Truck_serv	BOBJ1	79	216	After	Left Exterior Girder	56	0.95	1	1	2.725268
Gravel Truck_serv	BOBJ1	79	216	After	Interior Girder 1	56	0.95	1	1	2.371646
Gravel Truck_serv	BOBJ1	79	216	After	Interior Girder 2	56	0.95	1	1	2.390325
Gravel Truck_serv	BOBJ1	79	216	After	Interior Girder 3	56	0.95	1	1	2.451327
Gravel Truck_serv	BOBJ1	79	216	After	Interior Girder 4	56	0.95	1	1	2.457064
Gravel Truck_serv	BOBJ1	79	216	After	Interior Girder 5	56	0.95	1	1	2.385296
Gravel Truck_serv	BOBJ1	79	216	After	Interior Girder 6	56	0.95	1	1	2.376142
Gravel Truck_serv	BOBJ1	79	216	After	Right Exterior Girder	56	0.95	1	1	2.727899
Gravel Truck_serv	BOBJ1	80	224	Before	Left Exterior Girder	64	0.95	1	1	3.619507
Gravel Truck_serv	BOBJ1	80	224	Before	Interior Girder 1	64	0.95	1	1	3.306065
Gravel Truck_serv	BOBJ1	80	224	Before	Interior Girder 2	64	0.95	1	1	3.246604
Gravel Truck_serv	BOBJ1	80	224	Before	Interior Girder 3	64	0.95	1	1	3.312481
Gravel Truck_serv	BOBJ1	80	224	Before	Interior Girder 4	64	0.95	1	1	3.314106
Gravel Truck_serv	BOBJ1	80	224	Before	Interior Girder 5	64	0.95	1	1	3.246419
Gravel Truck_serv	BOBJ1	80	224	Before	Interior Girder 6	64	0.95	1	1	3.305632
Gravel Truck_serv	BOBJ1	80	224	Before	Right Exterior Girder	64	0.95	1	1	3.623003
Gravel Truck_serv	BOBJ1	81	224	After	Left Exterior Girder	64	0.95	1	1	3.580028
Gravel Truck_serv	BOBJ1	81	224	After	Interior Girder 1	64	0.95	1	1	3.35971
Gravel Truck_serv	BOBJ1	81	224	After	Interior Girder 2	64	0.95	1	1	3.236373
Gravel Truck_serv	BOBJ1	81	224	After	Interior Girder 3	64	0.95	1	1	3.257379
Gravel Truck_serv	BOBJ1	81	224	After	Interior Girder 4	64	0.95	1	1	3.257908
Gravel Truck_serv	BOBJ1	81	224	After	Interior Girder 5	64	0.95	1	1	3.233942
Gravel Truck_serv	BOBJ1	81	224	After	Interior Girder 6	64	0.95	1	1	3.3595
Gravel Truck_serv	BOBJ1	81	224	After	Right Exterior Girder	64	0.95	1	1	3.583893
Gravel Truck_serv	BOBJ1	82	232	Before	Left Exterior Girder	72	0.95	1	1	6.498761
Gravel Truck_serv	BOBJ1	82	232	Before	Interior Girder 1	72	0.95	1	1	5.924581
Gravel Truck_serv	BOBJ1	82	232	Before	Interior Girder 2	72	0.95	1	1	5.604257
Gravel Truck_serv	BOBJ1	82	232	Before	Interior Girder 3	72	0.95	1	1	5.685418
Gravel Truck_serv	BOBJ1	82	232	Before	Interior Girder 4	72	0.95	1	1	5.710283
Gravel Truck_serv	BOBJ1	82	232	Before	Interior Girder 5	72	0.95	1	1	5.598889
Gravel Truck_serv	BOBJ1	82	232	Before	Interior Girder 6	72	0.95	1	1	5.937998
Gravel Truck_serv	BOBJ1	82	232	Before	Right Exterior Girder	72	0.95	1	1	6.505815
Gravel Truck_serv	BOBJ1	83	232	After	Left Exterior Girder	72	0.95	1	1	6.532602
Gravel Truck_serv	BOBJ1	83	232	After	Interior Girder 1	72	0.95	1	1	5.888614
Gravel Truck_serv	BOBJ1	83	232	After	Interior Girder 2	72	0.95	1	1	5.518144
Gravel Truck_serv	BOBJ1	83	232	After	Interior Girder 3	72	0.95	1	1	5.412188
Gravel Truck_serv	BOBJ1	83	232	After	Interior Girder 4	72	0.95	1	1	5.436834
Gravel Truck_serv	BOBJ1	83	232	After	Interior Girder 5	72	0.95	1	1	5.50737
Gravel Truck_serv	BOBJ1	83	232	After	Interior Girder 6	72	0.95	1	1	5.905706
Gravel Truck_serv	BOBJ1	83	232	After	Right Exterior Girder	72	0.95	1	1	6.540182
Gravel Truck_serv	BOBJ1	84	240	Before	Left Exterior Girder	80	0.95	1	1	52.102871
Gravel Truck_serv	BOBJ1	84	240	Before	Interior Girder 1	80	0.95	1	1	30.836662
Gravel Truck_serv	BOBJ1	84	240	Before	Interior Girder 2	80	0.95	1	1	25.717263
Gravel Truck_serv	BOBJ1	84	240	Before	Interior Girder 3	80	0.95	1	1	17.697132
Gravel Truck_serv	BOBJ1	84	240	Before	Interior Girder 4	80	0.95	1	1	17.943764
Gravel Truck_serv	BOBJ1	84	240	Before	Interior Girder 5	80	0.95	1	1	25.474239
Gravel Truck_serv	BOBJ1	84	240	Before	Interior Girder 6	80	0.95	1	1	30.836662
Gravel Truck_serv	BOBJ1	84	240	Before	Right Exterior Girder	80	0.95	1	1	51.904262
Annual Perm 1_serv	BOBJ1	1	0	After	Left Exterior Girder	0	0.95	1	1	369.618967
Annual Perm 1_serv	BOBJ1	1	0	After	Interior Girder 1	0	0.95	1	1	435.276327
Annual Perm 1_serv	BOBJ1	1	0	After	Interior Girder 2	0	0.95	1	1	379.784302
Annual Perm 1_serv	BOBJ1	1	0	After	Interior Girder 3	0	0.95	1	1	224.455016
Annual Perm 1_serv	BOBJ1	1	0	After	Interior Girder 4	0	0.95	1	1	226.37596
Annual Perm 1_serv	BOBJ1	1	0	After	Interior Girder 5	0	0.95	1	1	377.104863

TABLE: Bridge Super Rating AASHTORATE18 31 - SteelICompServ-Flx - Approach, Span 4-6										
Request	BridgeObj	BridgeCut	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	Unitless	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Annual Perm 1_serv	BOBJ1	1	0	After	Interior Girder 6	0	0.95	1	1	427.319004
Annual Perm 1_serv	BOBJ1	1	0	After	Right Exterior Girder	0	0.95	1	1	379.727617
Annual Perm 1_serv	BOBJ1	2	8	Before	Left Exterior Girder	8	0.95	1	1	6.482151
Annual Perm 1_serv	BOBJ1	2	8	Before	Interior Girder 1	8	0.95	1	1	6.514546
Annual Perm 1_serv	BOBJ1	2	8	Before	Interior Girder 2	8	0.95	1	1	6.717232
Annual Perm 1_serv	BOBJ1	2	8	Before	Interior Girder 3	8	0.95	1	1	6.128338
Annual Perm 1_serv	BOBJ1	2	8	Before	Interior Girder 4	8	0.95	1	1	6.163896
Annual Perm 1_serv	BOBJ1	2	8	Before	Interior Girder 5	8	0.95	1	1	6.699043
Annual Perm 1_serv	BOBJ1	2	8	Before	Interior Girder 6	8	0.95	1	1	6.535166
Annual Perm 1_serv	BOBJ1	2	8	Before	Right Exterior Girder	8	0.95	1	1	6.489359
Annual Perm 1_serv	BOBJ1	3	8	After	Left Exterior Girder	8	0.95	1	1	6.575002
Annual Perm 1_serv	BOBJ1	3	8	After	Interior Girder 1	8	0.95	1	1	6.42203
Annual Perm 1_serv	BOBJ1	3	8	After	Interior Girder 2	8	0.95	1	1	6.870468
Annual Perm 1_serv	BOBJ1	3	8	After	Interior Girder 3	8	0.95	1	1	6.462326
Annual Perm 1_serv	BOBJ1	3	8	After	Interior Girder 4	8	0.95	1	1	6.500839
Annual Perm 1_serv	BOBJ1	3	8	After	Interior Girder 5	8	0.95	1	1	6.85349
Annual Perm 1_serv	BOBJ1	3	8	After	Interior Girder 6	8	0.95	1	1	6.440461
Annual Perm 1_serv	BOBJ1	3	8	After	Right Exterior Girder	8	0.95	1	1	6.580968
Annual Perm 1_serv	BOBJ1	4	16	Before	Left Exterior Girder	16	0.95	1	1	3.578163
Annual Perm 1_serv	BOBJ1	4	16	Before	Interior Girder 1	16	0.95	1	1	3.958108
Annual Perm 1_serv	BOBJ1	4	16	Before	Interior Girder 2	16	0.95	1	1	4.365183
Annual Perm 1_serv	BOBJ1	4	16	Before	Interior Girder 3	16	0.95	1	1	4.32708
Annual Perm 1_serv	BOBJ1	4	16	Before	Interior Girder 4	16	0.95	1	1	4.327254
Annual Perm 1_serv	BOBJ1	4	16	Before	Interior Girder 5	16	0.95	1	1	4.365897
Annual Perm 1_serv	BOBJ1	4	16	Before	Interior Girder 6	16	0.95	1	1	3.958181
Annual Perm 1_serv	BOBJ1	4	16	Before	Right Exterior Girder	16	0.95	1	1	3.582927
Annual Perm 1_serv	BOBJ1	5	16	After	Left Exterior Girder	16	0.95	1	1	3.633161
Annual Perm 1_serv	BOBJ1	5	16	After	Interior Girder 1	16	0.95	1	1	3.892167
Annual Perm 1_serv	BOBJ1	5	16	After	Interior Girder 2	16	0.95	1	1	4.357379
Annual Perm 1_serv	BOBJ1	5	16	After	Interior Girder 3	16	0.95	1	1	4.402738
Annual Perm 1_serv	BOBJ1	5	16	After	Interior Girder 4	16	0.95	1	1	4.41044
Annual Perm 1_serv	BOBJ1	5	16	After	Interior Girder 5	16	0.95	1	1	4.360894
Annual Perm 1_serv	BOBJ1	5	16	After	Interior Girder 6	16	0.95	1	1	3.892493
Annual Perm 1_serv	BOBJ1	5	16	After	Right Exterior Girder	16	0.95	1	1	3.637625
Annual Perm 1_serv	BOBJ1	6	20.5	Before	Left Exterior Girder	20.5	0.95	1	1	3.10479
Annual Perm 1_serv	BOBJ1	6	20.5	Before	Right Exterior Girder	20.5	0.95	1	1	3.108298
Annual Perm 1_serv	BOBJ1	7	20.5	After	Left Exterior Girder	20.5	0.95	1	1	3.716802
Annual Perm 1_serv	BOBJ1	7	20.5	After	Right Exterior Girder	20.5	0.95	1	1	3.72077
Annual Perm 1_serv	BOBJ1	8	24	Before	Left Exterior Girder	24	0.95	1	1	3.449533
Annual Perm 1_serv	BOBJ1	8	24	Before	Interior Girder 1	24	0.95	1	1	3.003644
Annual Perm 1_serv	BOBJ1	8	24	Before	Interior Girder 2	24	0.95	1	1	3.370997
Annual Perm 1_serv	BOBJ1	8	24	Before	Interior Girder 3	24	0.95	1	1	3.369134
Annual Perm 1_serv	BOBJ1	8	24	Before	Interior Girder 4	24	0.95	1	1	3.378022
Annual Perm 1_serv	BOBJ1	8	24	Before	Interior Girder 5	24	0.95	1	1	3.365515
Annual Perm 1_serv	BOBJ1	8	24	Before	Interior Girder 6	24	0.95	1	1	3.008221
Annual Perm 1_serv	BOBJ1	8	24	Before	Right Exterior Girder	24	0.95	1	1	3.45311
Annual Perm 1_serv	BOBJ1	9	24	After	Left Exterior Girder	24	0.95	1	1	3.455783
Annual Perm 1_serv	BOBJ1	9	24	After	Interior Girder 1	24	0.95	1	1	3.015995
Annual Perm 1_serv	BOBJ1	9	24	After	Interior Girder 2	24	0.95	1	1	3.369747
Annual Perm 1_serv	BOBJ1	9	24	After	Interior Girder 3	24	0.95	1	1	3.395383
Annual Perm 1_serv	BOBJ1	9	24	After	Interior Girder 4	24	0.95	1	1	3.410513
Annual Perm 1_serv	BOBJ1	9	24	After	Interior Girder 5	24	0.95	1	1	3.363998
Annual Perm 1_serv	BOBJ1	9	24	After	Interior Girder 6	24	0.95	1	1	3.020332
Annual Perm 1_serv	BOBJ1	9	24	After	Right Exterior Girder	24	0.95	1	1	3.45927
Annual Perm 1_serv	BOBJ1	10	32	Before	Left Exterior Girder	32	0.95	1	1	3.011947
Annual Perm 1_serv	BOBJ1	10	32	Before	Interior Girder 1	32	0.95	1	1	2.898432
Annual Perm 1_serv	BOBJ1	10	32	Before	Interior Girder 2	32	0.95	1	1	3.228451
Annual Perm 1_serv	BOBJ1	10	32	Before	Interior Girder 3	32	0.95	1	1	3.388463
Annual Perm 1_serv	BOBJ1	10	32	Before	Interior Girder 4	32	0.95	1	1	3.389979
Annual Perm 1_serv	BOBJ1	10	32	Before	Interior Girder 5	32	0.95	1	1	3.233728
Annual Perm 1_serv	BOBJ1	10	32	Before	Interior Girder 6	32	0.95	1	1	2.898027
Annual Perm 1_serv	BOBJ1	10	32	Before	Right Exterior Girder	32	0.95	1	1	3.015201
Annual Perm 1_serv	BOBJ1	11	32	After	Left Exterior Girder	32	0.95	1	1	3.03095
Annual Perm 1_serv	BOBJ1	11	32	After	Interior Girder 1	32	0.95	1	1	2.88935
Annual Perm 1_serv	BOBJ1	11	32	After	Interior Girder 2	32	0.95	1	1	3.217983
Annual Perm 1_serv	BOBJ1	11	32	After	Interior Girder 3	32	0.95	1	1	3.395898
Annual Perm 1_serv	BOBJ1	11	32	After	Interior Girder 4	32	0.95	1	1	3.394661
Annual Perm 1_serv	BOBJ1	11	32	After	Interior Girder 5	32	0.95	1	1	3.218588
Annual Perm 1_serv	BOBJ1	11	32	After	Interior Girder 6	32	0.95	1	1	2.889013
Annual Perm 1_serv	BOBJ1	11	32	After	Right Exterior Girder	32	0.95	1	1	3.03426
Annual Perm 1_serv	BOBJ1	12	40	Before	Left Exterior Girder	40	0.95	1	1	3.254195
Annual Perm 1_serv	BOBJ1	12	40	Before	Interior Girder 1	40	0.95	1	1	2.944281
Annual Perm 1_serv	BOBJ1	12	40	Before	Interior Girder 2	40	0.95	1	1	3.287945

TABLE: Bridge Super Rating AASHTORATE18 31 - SteelICompServ-Flx - Approach, Span 4-6										
Request	BridgeObj	BridgeCut	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	Unitless	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Annual Perm 1_serv	BOBJ1	12	40	Before	Interior Girder 3	40	0.95	1	1	3.369262
Annual Perm 1_serv	BOBJ1	12	40	Before	Interior Girder 4	40	0.95	1	1	3.386193
Annual Perm 1_serv	BOBJ1	12	40	Before	Interior Girder 5	40	0.95	1	1	3.286027
Annual Perm 1_serv	BOBJ1	12	40	Before	Interior Girder 6	40	0.95	1	1	2.948212
Annual Perm 1_serv	BOBJ1	12	40	Before	Right Exterior Girder	40	0.95	1	1	3.257605
Annual Perm 1_serv	BOBJ1	13	40	After	Left Exterior Girder	40	0.95	1	1	3.267683
Annual Perm 1_serv	BOBJ1	13	40	After	Interior Girder 1	40	0.95	1	1	2.946477
Annual Perm 1_serv	BOBJ1	13	40	After	Interior Girder 2	40	0.95	1	1	3.276053
Annual Perm 1_serv	BOBJ1	13	40	After	Interior Girder 3	40	0.95	1	1	3.351631
Annual Perm 1_serv	BOBJ1	13	40	After	Interior Girder 4	40	0.95	1	1	3.360476
Annual Perm 1_serv	BOBJ1	13	40	After	Interior Girder 5	40	0.95	1	1	3.271887
Annual Perm 1_serv	BOBJ1	13	40	After	Interior Girder 6	40	0.95	1	1	2.950579
Annual Perm 1_serv	BOBJ1	13	40	After	Right Exterior Girder	40	0.95	1	1	3.271215
Annual Perm 1_serv	BOBJ1	14	46.5	Before	Left Exterior Girder	46.5	0.95	1	1	3.521464
Annual Perm 1_serv	BOBJ1	14	46.5	Before	Right Exterior Girder	46.5	0.95	1	1	3.524849
Annual Perm 1_serv	BOBJ1	15	46.5	After	Left Exterior Girder	46.5	0.95	1	1	3.035002
Annual Perm 1_serv	BOBJ1	15	46.5	After	Right Exterior Girder	46.5	0.95	1	1	3.038043
Annual Perm 1_serv	BOBJ1	16	48	Before	Left Exterior Girder	48	0.95	1	1	3.10255
Annual Perm 1_serv	BOBJ1	16	48	Before	Interior Girder 1	48	0.95	1	1	3.605773
Annual Perm 1_serv	BOBJ1	16	48	Before	Interior Girder 2	48	0.95	1	1	4.027092
Annual Perm 1_serv	BOBJ1	16	48	Before	Interior Girder 3	48	0.95	1	1	4.217947
Annual Perm 1_serv	BOBJ1	16	48	Before	Interior Girder 4	48	0.95	1	1	4.221398
Annual Perm 1_serv	BOBJ1	16	48	Before	Interior Girder 5	48	0.95	1	1	4.027729
Annual Perm 1_serv	BOBJ1	16	48	Before	Interior Girder 6	48	0.95	1	1	3.605852
Annual Perm 1_serv	BOBJ1	16	48	Before	Right Exterior Girder	48	0.95	1	1	3.105848
Annual Perm 1_serv	BOBJ1	17	48	After	Left Exterior Girder	48	0.95	1	1	3.082751
Annual Perm 1_serv	BOBJ1	17	48	After	Interior Girder 1	48	0.95	1	1	3.645491
Annual Perm 1_serv	BOBJ1	17	48	After	Interior Girder 2	48	0.95	1	1	4.031531
Annual Perm 1_serv	BOBJ1	17	48	After	Interior Girder 3	48	0.95	1	1	4.181426
Annual Perm 1_serv	BOBJ1	17	48	After	Interior Girder 4	48	0.95	1	1	4.185892
Annual Perm 1_serv	BOBJ1	17	48	After	Interior Girder 5	48	0.95	1	1	4.032709
Annual Perm 1_serv	BOBJ1	17	48	After	Interior Girder 6	48	0.95	1	1	3.645588
Annual Perm 1_serv	BOBJ1	17	48	After	Right Exterior Girder	48	0.95	1	1	3.086084
Annual Perm 1_serv	BOBJ1	18	56	Before	Left Exterior Girder	56	0.95	1	1	4.216223
Annual Perm 1_serv	BOBJ1	18	56	Before	Interior Girder 1	56	0.95	1	1	4.794605
Annual Perm 1_serv	BOBJ1	18	56	Before	Interior Girder 2	56	0.95	1	1	5.210877
Annual Perm 1_serv	BOBJ1	18	56	Before	Interior Girder 3	56	0.95	1	1	5.174879
Annual Perm 1_serv	BOBJ1	18	56	Before	Interior Girder 4	56	0.95	1	1	5.203498
Annual Perm 1_serv	BOBJ1	18	56	Before	Interior Girder 5	56	0.95	1	1	5.202505
Annual Perm 1_serv	BOBJ1	18	56	Before	Interior Girder 6	56	0.95	1	1	4.805047
Annual Perm 1_serv	BOBJ1	18	56	Before	Right Exterior Girder	56	0.95	1	1	4.219937
Annual Perm 1_serv	BOBJ1	19	56	After	Left Exterior Girder	56	0.95	1	1	4.154222
Annual Perm 1_serv	BOBJ1	19	56	After	Interior Girder 1	56	0.95	1	1	4.875337
Annual Perm 1_serv	BOBJ1	19	56	After	Interior Girder 2	56	0.95	1	1	5.217335
Annual Perm 1_serv	BOBJ1	19	56	After	Interior Girder 3	56	0.95	1	1	5.100619
Annual Perm 1_serv	BOBJ1	19	56	After	Interior Girder 4	56	0.95	1	1	5.128402
Annual Perm 1_serv	BOBJ1	19	56	After	Interior Girder 5	56	0.95	1	1	5.212408
Annual Perm 1_serv	BOBJ1	19	56	After	Interior Girder 6	56	0.95	1	1	4.886636
Annual Perm 1_serv	BOBJ1	19	56	After	Right Exterior Girder	56	0.95	1	1	4.158091
Annual Perm 1_serv	BOBJ1	20	59	Before	Interior Girder 1	59	0.95	1	1	5.899586
Annual Perm 1_serv	BOBJ1	20	59	Before	Interior Girder 2	59	0.95	1	1	6.221463
Annual Perm 1_serv	BOBJ1	20	59	Before	Interior Girder 3	59	0.95	1	1	6.160176
Annual Perm 1_serv	BOBJ1	20	59	Before	Interior Girder 4	59	0.95	1	1	6.197153
Annual Perm 1_serv	BOBJ1	20	59	Before	Interior Girder 5	59	0.95	1	1	6.214722
Annual Perm 1_serv	BOBJ1	20	59	Before	Interior Girder 6	59	0.95	1	1	5.910329
Annual Perm 1_serv	BOBJ1	21	59	After	Interior Girder 1	59	0.95	1	1	3.392688
Annual Perm 1_serv	BOBJ1	21	59	After	Interior Girder 2	59	0.95	1	1	3.616701
Annual Perm 1_serv	BOBJ1	21	59	After	Interior Girder 3	59	0.95	1	1	3.475586
Annual Perm 1_serv	BOBJ1	21	59	After	Interior Girder 4	59	0.95	1	1	3.49713
Annual Perm 1_serv	BOBJ1	21	59	After	Interior Girder 5	59	0.95	1	1	3.613586
Annual Perm 1_serv	BOBJ1	21	59	After	Interior Girder 6	59	0.95	1	1	3.398698
Annual Perm 1_serv	BOBJ1	22	64	Before	Left Exterior Girder	64	0.95	1	1	5.957555
Annual Perm 1_serv	BOBJ1	22	64	Before	Interior Girder 1	64	0.95	1	1	3.855397
Annual Perm 1_serv	BOBJ1	22	64	Before	Interior Girder 2	64	0.95	1	1	4.353967
Annual Perm 1_serv	BOBJ1	22	64	Before	Interior Girder 3	64	0.95	1	1	4.897934
Annual Perm 1_serv	BOBJ1	22	64	Before	Interior Girder 4	64	0.95	1	1	4.895452
Annual Perm 1_serv	BOBJ1	22	64	Before	Interior Girder 5	64	0.95	1	1	4.351719
Annual Perm 1_serv	BOBJ1	22	64	Before	Interior Girder 6	64	0.95	1	1	3.85686
Annual Perm 1_serv	BOBJ1	22	64	Before	Right Exterior Girder	64	0.95	1	1	5.963277
Annual Perm 1_serv	BOBJ1	23	64	After	Left Exterior Girder	64	0.95	1	1	5.995884
Annual Perm 1_serv	BOBJ1	23	64	After	Interior Girder 1	64	0.95	1	1	3.827368
Annual Perm 1_serv	BOBJ1	23	64	After	Interior Girder 2	64	0.95	1	1	4.328442
Annual Perm 1_serv	BOBJ1	23	64	After	Interior Girder 3	64	0.95	1	1	4.903985

TABLE: Bridge Super Rating AASHTORATE18 31 - SteelICompServ-Flx - Approach, Span 4-6										
Request	BridgeObj	BridgeCut	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	Unitless	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Annual Perm 1_serv	BOBJ1	23	64	After	Interior Girder 4	64	0.95	1	1	4.901021
Annual Perm 1_serv	BOBJ1	23	64	After	Interior Girder 5	64	0.95	1	1	4.326338
Annual Perm 1_serv	BOBJ1	23	64	After	Interior Girder 6	64	0.95	1	1	3.828836
Annual Perm 1_serv	BOBJ1	23	64	After	Right Exterior Girder	64	0.95	1	1	6.001564
Annual Perm 1_serv	BOBJ1	24	69	Before	Interior Girder 1	69	0.95	1	1	2.910845
Annual Perm 1_serv	BOBJ1	24	69	Before	Interior Girder 2	69	0.95	1	1	3.325198
Annual Perm 1_serv	BOBJ1	24	69	Before	Interior Girder 3	69	0.95	1	1	3.419408
Annual Perm 1_serv	BOBJ1	24	69	Before	Interior Girder 4	69	0.95	1	1	3.41826
Annual Perm 1_serv	BOBJ1	24	69	Before	Interior Girder 5	69	0.95	1	1	3.322619
Annual Perm 1_serv	BOBJ1	24	69	Before	Interior Girder 6	69	0.95	1	1	2.912413
Annual Perm 1_serv	BOBJ1	25	69	After	Interior Girder 1	69	0.95	1	1	6.129632
Annual Perm 1_serv	BOBJ1	25	69	After	Interior Girder 2	69	0.95	1	1	6.910174
Annual Perm 1_serv	BOBJ1	25	69	After	Interior Girder 3	69	0.95	1	1	7.20646
Annual Perm 1_serv	BOBJ1	25	69	After	Interior Girder 4	69	0.95	1	1	7.203612
Annual Perm 1_serv	BOBJ1	25	69	After	Interior Girder 5	69	0.95	1	1	6.905011
Annual Perm 1_serv	BOBJ1	25	69	After	Interior Girder 6	69	0.95	1	1	6.132798
Annual Perm 1_serv	BOBJ1	26	72	Before	Left Exterior Girder	72	0.95	1	1	4.425092
Annual Perm 1_serv	BOBJ1	26	72	Before	Interior Girder 1	72	0.95	1	1	5.41904
Annual Perm 1_serv	BOBJ1	26	72	Before	Interior Girder 2	72	0.95	1	1	5.928638
Annual Perm 1_serv	BOBJ1	26	72	Before	Interior Girder 3	72	0.95	1	1	5.382407
Annual Perm 1_serv	BOBJ1	26	72	Before	Interior Girder 4	72	0.95	1	1	5.392109
Annual Perm 1_serv	BOBJ1	26	72	Before	Interior Girder 5	72	0.95	1	1	5.923492
Annual Perm 1_serv	BOBJ1	26	72	Before	Interior Girder 6	72	0.95	1	1	5.422315
Annual Perm 1_serv	BOBJ1	26	72	Before	Right Exterior Girder	72	0.95	1	1	4.430266
Annual Perm 1_serv	BOBJ1	27	72	After	Left Exterior Girder	72	0.95	1	1	4.462623
Annual Perm 1_serv	BOBJ1	27	72	After	Interior Girder 1	72	0.95	1	1	5.315324
Annual Perm 1_serv	BOBJ1	27	72	After	Interior Girder 2	72	0.95	1	1	5.902373
Annual Perm 1_serv	BOBJ1	27	72	After	Interior Girder 3	72	0.95	1	1	5.452342
Annual Perm 1_serv	BOBJ1	27	72	After	Interior Girder 4	72	0.95	1	1	5.46306
Annual Perm 1_serv	BOBJ1	27	72	After	Interior Girder 5	72	0.95	1	1	5.892312
Annual Perm 1_serv	BOBJ1	27	72	After	Interior Girder 6	72	0.95	1	1	5.319196
Annual Perm 1_serv	BOBJ1	27	72	After	Right Exterior Girder	72	0.95	1	1	4.467917
Annual Perm 1_serv	BOBJ1	28	72.5	Before	Left Exterior Girder	72.5	0.95	1	1	4.335104
Annual Perm 1_serv	BOBJ1	28	72.5	Before	Right Exterior Girder	72.5	0.95	1	1	4.34034
Annual Perm 1_serv	BOBJ1	29	72.5	After	Left Exterior Girder	72.5	0.95	1	1	6.451751
Annual Perm 1_serv	BOBJ1	29	72.5	After	Right Exterior Girder	72.5	0.95	1	1	6.459731
Annual Perm 1_serv	BOBJ1	30	80	Before	Left Exterior Girder	80	0.95	1	1	3.211178
Annual Perm 1_serv	BOBJ1	30	80	Before	Interior Girder 1	80	0.95	1	1	2.358477
Annual Perm 1_serv	BOBJ1	30	80	Before	Interior Girder 2	80	0.95	1	1	2.57422
Annual Perm 1_serv	BOBJ1	30	80	Before	Interior Girder 3	80	0.95	1	1	2.114405
Annual Perm 1_serv	BOBJ1	30	80	Before	Interior Girder 4	80	0.95	1	1	2.118352
Annual Perm 1_serv	BOBJ1	30	80	Before	Interior Girder 5	80	0.95	1	1	2.567571
Annual Perm 1_serv	BOBJ1	30	80	Before	Interior Girder 6	80	0.95	1	1	2.361097
Annual Perm 1_serv	BOBJ1	30	80	Before	Right Exterior Girder	80	0.95	1	1	3.216452
Annual Perm 1_serv	BOBJ1	31	80	After	Left Exterior Girder	0	0.95	1	1	3.192943
Annual Perm 1_serv	BOBJ1	31	80	After	Interior Girder 1	0	0.95	1	1	2.360973
Annual Perm 1_serv	BOBJ1	31	80	After	Interior Girder 2	0	0.95	1	1	2.570956
Annual Perm 1_serv	BOBJ1	31	80	After	Interior Girder 3	0	0.95	1	1	2.109056
Annual Perm 1_serv	BOBJ1	31	80	After	Interior Girder 4	0	0.95	1	1	2.114035
Annual Perm 1_serv	BOBJ1	31	80	After	Interior Girder 5	0	0.95	1	1	2.564284
Annual Perm 1_serv	BOBJ1	31	80	After	Interior Girder 6	0	0.95	1	1	2.363494
Annual Perm 1_serv	BOBJ1	31	80	After	Right Exterior Girder	0	0.95	1	1	3.19856
Annual Perm 1_serv	BOBJ1	32	87.5	Before	Left Exterior Girder	7.5	0.95	1	1	6.385551
Annual Perm 1_serv	BOBJ1	32	87.5	Before	Right Exterior Girder	7.5	0.95	1	1	6.392752
Annual Perm 1_serv	BOBJ1	33	87.5	After	Left Exterior Girder	7.5	0.95	1	1	4.152816
Annual Perm 1_serv	BOBJ1	33	87.5	After	Right Exterior Girder	7.5	0.95	1	1	4.157187
Annual Perm 1_serv	BOBJ1	34	88	Before	Left Exterior Girder	8	0.95	1	1	4.421332
Annual Perm 1_serv	BOBJ1	34	88	Before	Interior Girder 1	8	0.95	1	1	5.047887
Annual Perm 1_serv	BOBJ1	34	88	Before	Interior Girder 2	8	0.95	1	1	5.578792
Annual Perm 1_serv	BOBJ1	34	88	Before	Interior Girder 3	8	0.95	1	1	5.050054
Annual Perm 1_serv	BOBJ1	34	88	Before	Interior Girder 4	8	0.95	1	1	5.073445
Annual Perm 1_serv	BOBJ1	34	88	Before	Interior Girder 5	8	0.95	1	1	5.589321
Annual Perm 1_serv	BOBJ1	34	88	Before	Interior Girder 6	8	0.95	1	1	5.050399
Annual Perm 1_serv	BOBJ1	34	88	Before	Right Exterior Girder	8	0.95	1	1	4.426106
Annual Perm 1_serv	BOBJ1	35	88	After	Left Exterior Girder	8	0.95	1	1	4.330996
Annual Perm 1_serv	BOBJ1	35	88	After	Interior Girder 1	8	0.95	1	1	5.104407
Annual Perm 1_serv	BOBJ1	35	88	After	Interior Girder 2	8	0.95	1	1	5.597055
Annual Perm 1_serv	BOBJ1	35	88	After	Interior Girder 3	8	0.95	1	1	5.006703
Annual Perm 1_serv	BOBJ1	35	88	After	Interior Girder 4	8	0.95	1	1	5.023756
Annual Perm 1_serv	BOBJ1	35	88	After	Interior Girder 5	8	0.95	1	1	5.610616
Annual Perm 1_serv	BOBJ1	35	88	After	Interior Girder 6	8	0.95	1	1	5.106282
Annual Perm 1_serv	BOBJ1	35	88	After	Right Exterior Girder	8	0.95	1	1	4.335534
Annual Perm 1_serv	BOBJ1	36	91	Before	Interior Girder 1	11	0.95	1	1	5.77995

TABLE: Bridge Super Rating AASHTORATE18 31 - SteelICompServ-Flx - Approach, Span 4-6										
Request	BridgeObj	BridgeCut	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	Unitless	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Annual Perm 1_serv	BOBJ1	36	91	Before	Interior Girder 2	11	0.95	1	1	6.608453
Annual Perm 1_serv	BOBJ1	36	91	Before	Interior Girder 3	11	0.95	1	1	6.815658
Annual Perm 1_serv	BOBJ1	36	91	Before	Interior Girder 4	11	0.95	1	1	6.811329
Annual Perm 1_serv	BOBJ1	36	91	Before	Interior Girder 5	11	0.95	1	1	6.601999
Annual Perm 1_serv	BOBJ1	36	91	Before	Interior Girder 6	11	0.95	1	1	5.781729
Annual Perm 1_serv	BOBJ1	37	91	After	Interior Girder 1	11	0.95	1	1	2.554374
Annual Perm 1_serv	BOBJ1	37	91	After	Interior Girder 2	11	0.95	1	1	2.967933
Annual Perm 1_serv	BOBJ1	37	91	After	Interior Girder 3	11	0.95	1	1	3.021972
Annual Perm 1_serv	BOBJ1	37	91	After	Interior Girder 4	11	0.95	1	1	3.020411
Annual Perm 1_serv	BOBJ1	37	91	After	Interior Girder 5	11	0.95	1	1	2.964969
Annual Perm 1_serv	BOBJ1	37	91	After	Interior Girder 6	11	0.95	1	1	2.555201
Annual Perm 1_serv	BOBJ1	38	96	Before	Left Exterior Girder	16	0.95	1	1	6.309562
Annual Perm 1_serv	BOBJ1	38	96	Before	Interior Girder 1	16	0.95	1	1	3.287757
Annual Perm 1_serv	BOBJ1	38	96	Before	Interior Girder 2	16	0.95	1	1	3.817501
Annual Perm 1_serv	BOBJ1	38	96	Before	Interior Girder 3	16	0.95	1	1	4.337544
Annual Perm 1_serv	BOBJ1	38	96	Before	Interior Girder 4	16	0.95	1	1	4.33403
Annual Perm 1_serv	BOBJ1	38	96	Before	Interior Girder 5	16	0.95	1	1	3.814778
Annual Perm 1_serv	BOBJ1	38	96	Before	Interior Girder 6	16	0.95	1	1	3.288251
Annual Perm 1_serv	BOBJ1	38	96	Before	Right Exterior Girder	16	0.95	1	1	6.31508
Annual Perm 1_serv	BOBJ1	39	96	After	Left Exterior Girder	16	0.95	1	1	2.97769
Annual Perm 1_serv	BOBJ1	39	96	After	Interior Girder 1	16	0.95	1	1	3.327131
Annual Perm 1_serv	BOBJ1	39	96	After	Interior Girder 2	16	0.95	1	1	3.833734
Annual Perm 1_serv	BOBJ1	39	96	After	Interior Girder 3	16	0.95	1	1	4.299841
Annual Perm 1_serv	BOBJ1	39	96	After	Interior Girder 4	16	0.95	1	1	4.29674
Annual Perm 1_serv	BOBJ1	39	96	After	Interior Girder 5	16	0.95	1	1	3.830862
Annual Perm 1_serv	BOBJ1	39	96	After	Interior Girder 6	16	0.95	1	1	3.327619
Annual Perm 1_serv	BOBJ1	39	96	After	Right Exterior Girder	16	0.95	1	1	2.980395
Annual Perm 1_serv	BOBJ1	40	104	Before	Left Exterior Girder	24	0.95	1	1	4.501418
Annual Perm 1_serv	BOBJ1	40	104	Before	Interior Girder 1	24	0.95	1	1	4.143196
Annual Perm 1_serv	BOBJ1	40	104	Before	Interior Girder 2	24	0.95	1	1	4.341059
Annual Perm 1_serv	BOBJ1	40	104	Before	Interior Girder 3	24	0.95	1	1	4.126091
Annual Perm 1_serv	BOBJ1	40	104	Before	Interior Girder 4	24	0.95	1	1	4.150428
Annual Perm 1_serv	BOBJ1	40	104	Before	Interior Girder 5	24	0.95	1	1	4.331292
Annual Perm 1_serv	BOBJ1	40	104	Before	Interior Girder 6	24	0.95	1	1	4.153535
Annual Perm 1_serv	BOBJ1	40	104	Before	Right Exterior Girder	24	0.95	1	1	4.504454
Annual Perm 1_serv	BOBJ1	41	104	After	Left Exterior Girder	24	0.95	1	1	4.447175
Annual Perm 1_serv	BOBJ1	41	104	After	Interior Girder 1	24	0.95	1	1	4.050802
Annual Perm 1_serv	BOBJ1	41	104	After	Interior Girder 2	24	0.95	1	1	4.312283
Annual Perm 1_serv	BOBJ1	41	104	After	Interior Girder 3	24	0.95	1	1	4.193159
Annual Perm 1_serv	BOBJ1	41	104	After	Interior Girder 4	24	0.95	1	1	4.218137
Annual Perm 1_serv	BOBJ1	41	104	After	Interior Girder 5	24	0.95	1	1	4.300817
Annual Perm 1_serv	BOBJ1	41	104	After	Interior Girder 6	24	0.95	1	1	4.060273
Annual Perm 1_serv	BOBJ1	41	104	After	Right Exterior Girder	24	0.95	1	1	4.450355
Annual Perm 1_serv	BOBJ1	42	112	Before	Left Exterior Girder	32	0.95	1	1	3.048988
Annual Perm 1_serv	BOBJ1	42	112	Before	Interior Girder 1	32	0.95	1	1	3.25036
Annual Perm 1_serv	BOBJ1	42	112	Before	Interior Girder 2	32	0.95	1	1	3.580494
Annual Perm 1_serv	BOBJ1	42	112	Before	Interior Girder 3	32	0.95	1	1	3.69515
Annual Perm 1_serv	BOBJ1	42	112	Before	Interior Girder 4	32	0.95	1	1	3.697792
Annual Perm 1_serv	BOBJ1	42	112	Before	Interior Girder 5	32	0.95	1	1	3.580989
Annual Perm 1_serv	BOBJ1	42	112	Before	Interior Girder 6	32	0.95	1	1	3.249956
Annual Perm 1_serv	BOBJ1	42	112	Before	Right Exterior Girder	32	0.95	1	1	3.052599
Annual Perm 1_serv	BOBJ1	43	112	After	Left Exterior Girder	32	0.95	1	1	3.102068
Annual Perm 1_serv	BOBJ1	43	112	After	Interior Girder 1	32	0.95	1	1	3.213902
Annual Perm 1_serv	BOBJ1	43	112	After	Interior Girder 2	32	0.95	1	1	3.56962
Annual Perm 1_serv	BOBJ1	43	112	After	Interior Girder 3	32	0.95	1	1	3.7169
Annual Perm 1_serv	BOBJ1	43	112	After	Interior Girder 4	32	0.95	1	1	3.719293
Annual Perm 1_serv	BOBJ1	43	112	After	Interior Girder 5	32	0.95	1	1	3.569556
Annual Perm 1_serv	BOBJ1	43	112	After	Interior Girder 6	32	0.95	1	1	3.213448
Annual Perm 1_serv	BOBJ1	43	112	After	Right Exterior Girder	32	0.95	1	1	3.105781
Annual Perm 1_serv	BOBJ1	44	120	Before	Left Exterior Girder	40	0.95	1	1	2.906305
Annual Perm 1_serv	BOBJ1	44	120	Before	Interior Girder 1	40	0.95	1	1	2.834039
Annual Perm 1_serv	BOBJ1	44	120	Before	Interior Girder 2	40	0.95	1	1	3.148217
Annual Perm 1_serv	BOBJ1	44	120	Before	Interior Girder 3	40	0.95	1	1	3.155222
Annual Perm 1_serv	BOBJ1	44	120	Before	Interior Girder 4	40	0.95	1	1	3.173379
Annual Perm 1_serv	BOBJ1	44	120	Before	Interior Girder 5	40	0.95	1	1	3.143141
Annual Perm 1_serv	BOBJ1	44	120	Before	Interior Girder 6	40	0.95	1	1	2.83899
Annual Perm 1_serv	BOBJ1	44	120	Before	Right Exterior Girder	40	0.95	1	1	2.90847
Annual Perm 1_serv	BOBJ1	45	120	After	Left Exterior Girder	40	0.95	1	1	2.908743
Annual Perm 1_serv	BOBJ1	45	120	After	Interior Girder 1	40	0.95	1	1	2.831754
Annual Perm 1_serv	BOBJ1	45	120	After	Interior Girder 2	40	0.95	1	1	3.146099
Annual Perm 1_serv	BOBJ1	45	120	After	Interior Girder 3	40	0.95	1	1	3.15553
Annual Perm 1_serv	BOBJ1	45	120	After	Interior Girder 4	40	0.95	1	1	3.174452
Annual Perm 1_serv	BOBJ1	45	120	After	Interior Girder 5	40	0.95	1	1	3.140974

TABLE: Bridge Super Rating AASHTORATE18 31 - SteelICompServ-Flx - Approach, Span 4-6										
Request	BridgeObj	BridgeCut	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	Unitless	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Annual Perm 1_serv	BOBJ1	45	120	After	Interior Girder 6	40	0.95	1	1	2.836521
Annual Perm 1_serv	BOBJ1	45	120	After	Right Exterior Girder	40	0.95	1	1	2.91093
Annual Perm 1_serv	BOBJ1	46	128	Before	Left Exterior Girder	48	0.95	1	1	3.04626
Annual Perm 1_serv	BOBJ1	46	128	Before	Interior Girder 1	48	0.95	1	1	3.187297
Annual Perm 1_serv	BOBJ1	46	128	Before	Interior Girder 2	48	0.95	1	1	3.545659
Annual Perm 1_serv	BOBJ1	46	128	Before	Interior Girder 3	48	0.95	1	1	3.697608
Annual Perm 1_serv	BOBJ1	46	128	Before	Interior Girder 4	48	0.95	1	1	3.699904
Annual Perm 1_serv	BOBJ1	46	128	Before	Interior Girder 5	48	0.95	1	1	3.54569
Annual Perm 1_serv	BOBJ1	46	128	Before	Interior Girder 6	48	0.95	1	1	3.18687
Annual Perm 1_serv	BOBJ1	46	128	Before	Right Exterior Girder	48	0.95	1	1	3.049892
Annual Perm 1_serv	BOBJ1	47	128	After	Left Exterior Girder	48	0.95	1	1	3.001727
Annual Perm 1_serv	BOBJ1	47	128	After	Interior Girder 1	48	0.95	1	1	3.21579
Annual Perm 1_serv	BOBJ1	47	128	After	Interior Girder 2	48	0.95	1	1	3.5552
Annual Perm 1_serv	BOBJ1	47	128	After	Interior Girder 3	48	0.95	1	1	3.677999
Annual Perm 1_serv	BOBJ1	47	128	After	Interior Girder 4	48	0.95	1	1	3.680527
Annual Perm 1_serv	BOBJ1	47	128	After	Interior Girder 5	48	0.95	1	1	3.555814
Annual Perm 1_serv	BOBJ1	47	128	After	Interior Girder 6	48	0.95	1	1	3.215412
Annual Perm 1_serv	BOBJ1	47	128	After	Right Exterior Girder	48	0.95	1	1	3.005263
Annual Perm 1_serv	BOBJ1	48	136	Before	Left Exterior Girder	56	0.95	1	1	4.376486
Annual Perm 1_serv	BOBJ1	48	136	Before	Interior Girder 1	56	0.95	1	1	3.978117
Annual Perm 1_serv	BOBJ1	48	136	Before	Interior Girder 2	56	0.95	1	1	4.255072
Annual Perm 1_serv	BOBJ1	48	136	Before	Interior Girder 3	56	0.95	1	1	4.147755
Annual Perm 1_serv	BOBJ1	48	136	Before	Interior Girder 4	56	0.95	1	1	4.172093
Annual Perm 1_serv	BOBJ1	48	136	Before	Interior Girder 5	56	0.95	1	1	4.24407
Annual Perm 1_serv	BOBJ1	48	136	Before	Interior Girder 6	56	0.95	1	1	3.9872
Annual Perm 1_serv	BOBJ1	48	136	Before	Right Exterior Girder	56	0.95	1	1	4.379462
Annual Perm 1_serv	BOBJ1	49	136	After	Left Exterior Girder	56	0.95	1	1	4.38
Annual Perm 1_serv	BOBJ1	49	136	After	Interior Girder 1	56	0.95	1	1	4.060942
Annual Perm 1_serv	BOBJ1	49	136	After	Interior Girder 2	56	0.95	1	1	4.283022
Annual Perm 1_serv	BOBJ1	49	136	After	Interior Girder 3	56	0.95	1	1	4.085041
Annual Perm 1_serv	BOBJ1	49	136	After	Interior Girder 4	56	0.95	1	1	4.109154
Annual Perm 1_serv	BOBJ1	49	136	After	Interior Girder 5	56	0.95	1	1	4.273943
Annual Perm 1_serv	BOBJ1	49	136	After	Interior Girder 6	56	0.95	1	1	4.070822
Annual Perm 1_serv	BOBJ1	49	136	After	Right Exterior Girder	56	0.95	1	1	4.384439
Annual Perm 1_serv	BOBJ1	50	144	Before	Left Exterior Girder	64	0.95	1	1	2.95044
Annual Perm 1_serv	BOBJ1	50	144	Before	Interior Girder 1	64	0.95	1	1	3.28055
Annual Perm 1_serv	BOBJ1	50	144	Before	Interior Girder 2	64	0.95	1	1	3.794756
Annual Perm 1_serv	BOBJ1	50	144	Before	Interior Girder 3	64	0.95	1	1	4.334463
Annual Perm 1_serv	BOBJ1	50	144	Before	Interior Girder 4	64	0.95	1	1	4.331552
Annual Perm 1_serv	BOBJ1	50	144	Before	Interior Girder 5	64	0.95	1	1	3.792024
Annual Perm 1_serv	BOBJ1	50	144	Before	Interior Girder 6	64	0.95	1	1	3.281011
Annual Perm 1_serv	BOBJ1	50	144	Before	Right Exterior Girder	64	0.95	1	1	2.952976
Annual Perm 1_serv	BOBJ1	51	144	After	Left Exterior Girder	64	0.95	1	1	5.77826
Annual Perm 1_serv	BOBJ1	51	144	After	Interior Girder 1	64	0.95	1	1	3.232926
Annual Perm 1_serv	BOBJ1	51	144	After	Interior Girder 2	64	0.95	1	1	3.775485
Annual Perm 1_serv	BOBJ1	51	144	After	Interior Girder 3	64	0.95	1	1	4.366865
Annual Perm 1_serv	BOBJ1	51	144	After	Interior Girder 4	64	0.95	1	1	4.363488
Annual Perm 1_serv	BOBJ1	51	144	After	Interior Girder 5	64	0.95	1	1	3.772861
Annual Perm 1_serv	BOBJ1	51	144	After	Interior Girder 6	64	0.95	1	1	3.233403
Annual Perm 1_serv	BOBJ1	51	144	After	Right Exterior Girder	64	0.95	1	1	5.783058
Annual Perm 1_serv	BOBJ1	52	150	Before	Interior Girder 1	70	0.95	1	1	2.375139
Annual Perm 1_serv	BOBJ1	52	150	Before	Interior Girder 2	70	0.95	1	1	2.779266
Annual Perm 1_serv	BOBJ1	52	150	Before	Interior Girder 3	70	0.95	1	1	2.816712
Annual Perm 1_serv	BOBJ1	52	150	Before	Interior Girder 4	70	0.95	1	1	2.815602
Annual Perm 1_serv	BOBJ1	52	150	Before	Interior Girder 5	70	0.95	1	1	2.776401
Annual Perm 1_serv	BOBJ1	52	150	Before	Interior Girder 6	70	0.95	1	1	2.375876
Annual Perm 1_serv	BOBJ1	53	150	After	Interior Girder 1	70	0.95	1	1	5.147427
Annual Perm 1_serv	BOBJ1	53	150	After	Interior Girder 2	70	0.95	1	1	5.901816
Annual Perm 1_serv	BOBJ1	53	150	After	Interior Girder 3	70	0.95	1	1	6.112342
Annual Perm 1_serv	BOBJ1	53	150	After	Interior Girder 4	70	0.95	1	1	6.109015
Annual Perm 1_serv	BOBJ1	53	150	After	Interior Girder 5	70	0.95	1	1	5.895824
Annual Perm 1_serv	BOBJ1	53	150	After	Interior Girder 6	70	0.95	1	1	5.148915
Annual Perm 1_serv	BOBJ1	54	152	Before	Left Exterior Girder	72	0.95	1	1	4.011562
Annual Perm 1_serv	BOBJ1	54	152	Before	Interior Girder 1	72	0.95	1	1	4.768632
Annual Perm 1_serv	BOBJ1	54	152	Before	Interior Girder 2	72	0.95	1	1	5.257196
Annual Perm 1_serv	BOBJ1	54	152	Before	Interior Girder 3	72	0.95	1	1	4.847629
Annual Perm 1_serv	BOBJ1	54	152	Before	Interior Girder 4	72	0.95	1	1	4.872279
Annual Perm 1_serv	BOBJ1	54	152	Before	Interior Girder 5	72	0.95	1	1	5.278953
Annual Perm 1_serv	BOBJ1	54	152	Before	Interior Girder 6	72	0.95	1	1	4.770261
Annual Perm 1_serv	BOBJ1	54	152	Before	Right Exterior Girder	72	0.95	1	1	4.015693
Annual Perm 1_serv	BOBJ1	55	152	After	Left Exterior Girder	72	0.95	1	1	4.113849
Annual Perm 1_serv	BOBJ1	55	152	After	Interior Girder 1	72	0.95	1	1	4.712947
Annual Perm 1_serv	BOBJ1	55	152	After	Interior Girder 2	72	0.95	1	1	5.217099

TABLE: Bridge Super Rating AASHTORATE18 31 - SteelICompServ-Flx - Approach, Span 4-6										
Request	BridgeObj	BridgeCut	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	Unitless	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Annual Perm 1_serv	BOBJ1	55	152	After	Interior Girder 3	72	0.95	1	1	4.86379
Annual Perm 1_serv	BOBJ1	55	152	After	Interior Girder 4	72	0.95	1	1	4.892333
Annual Perm 1_serv	BOBJ1	55	152	After	Interior Girder 5	72	0.95	1	1	5.236007
Annual Perm 1_serv	BOBJ1	55	152	After	Interior Girder 6	72	0.95	1	1	4.715133
Annual Perm 1_serv	BOBJ1	55	152	After	Right Exterior Girder	72	0.95	1	1	4.11829
Annual Perm 1_serv	BOBJ1	56	154	Before	Left Exterior Girder	74	0.95	1	1	3.300423
Annual Perm 1_serv	BOBJ1	56	154	Before	Right Exterior Girder	74	0.95	1	1	3.303835
Annual Perm 1_serv	BOBJ1	57	154	After	Left Exterior Girder	74	0.95	1	1	5.089484
Annual Perm 1_serv	BOBJ1	57	154	After	Right Exterior Girder	74	0.95	1	1	5.094843
Annual Perm 1_serv	BOBJ1	58	160	Before	Left Exterior Girder	80	0.95	1	1	2.923242
Annual Perm 1_serv	BOBJ1	58	160	Before	Interior Girder 1	80	0.95	1	1	2.193333
Annual Perm 1_serv	BOBJ1	58	160	Before	Interior Girder 2	80	0.95	1	1	2.410674
Annual Perm 1_serv	BOBJ1	58	160	Before	Interior Girder 3	80	0.95	1	1	2.004842
Annual Perm 1_serv	BOBJ1	58	160	Before	Interior Girder 4	80	0.95	1	1	2.009552
Annual Perm 1_serv	BOBJ1	58	160	Before	Interior Girder 5	80	0.95	1	1	2.404338
Annual Perm 1_serv	BOBJ1	58	160	Before	Interior Girder 6	80	0.95	1	1	2.195647
Annual Perm 1_serv	BOBJ1	58	160	Before	Right Exterior Girder	80	0.95	1	1	2.928064
Annual Perm 1_serv	BOBJ1	59	160	After	Left Exterior Girder	0	0.95	1	1	2.882788
Annual Perm 1_serv	BOBJ1	59	160	After	Interior Girder 1	0	0.95	1	1	2.177273
Annual Perm 1_serv	BOBJ1	59	160	After	Interior Girder 2	0	0.95	1	1	2.415928
Annual Perm 1_serv	BOBJ1	59	160	After	Interior Girder 3	0	0.95	1	1	1.993688
Annual Perm 1_serv	BOBJ1	59	160	After	Interior Girder 4	0	0.95	1	1	1.997264
Annual Perm 1_serv	BOBJ1	59	160	After	Interior Girder 5	0	0.95	1	1	2.410267
Annual Perm 1_serv	BOBJ1	59	160	After	Interior Girder 6	0	0.95	1	1	2.179492
Annual Perm 1_serv	BOBJ1	59	160	After	Right Exterior Girder	0	0.95	1	1	2.887743
Annual Perm 1_serv	BOBJ1	60	166	Before	Left Exterior Girder	6	0.95	1	1	5.369021
Annual Perm 1_serv	BOBJ1	60	166	Before	Right Exterior Girder	6	0.95	1	1	5.375427
Annual Perm 1_serv	BOBJ1	61	166	After	Left Exterior Girder	6	0.95	1	1	3.507367
Annual Perm 1_serv	BOBJ1	61	166	After	Right Exterior Girder	6	0.95	1	1	3.511499
Annual Perm 1_serv	BOBJ1	62	168	Before	Left Exterior Girder	8	0.95	1	1	4.373273
Annual Perm 1_serv	BOBJ1	62	168	Before	Interior Girder 1	8	0.95	1	1	5.070523
Annual Perm 1_serv	BOBJ1	62	168	Before	Interior Girder 2	8	0.95	1	1	5.7074
Annual Perm 1_serv	BOBJ1	62	168	Before	Interior Girder 3	8	0.95	1	1	5.222137
Annual Perm 1_serv	BOBJ1	62	168	Before	Interior Girder 4	8	0.95	1	1	5.232415
Annual Perm 1_serv	BOBJ1	62	168	Before	Interior Girder 5	8	0.95	1	1	5.694824
Annual Perm 1_serv	BOBJ1	62	168	Before	Interior Girder 6	8	0.95	1	1	5.074078
Annual Perm 1_serv	BOBJ1	62	168	Before	Right Exterior Girder	8	0.95	1	1	4.378503
Annual Perm 1_serv	BOBJ1	63	168	After	Left Exterior Girder	8	0.95	1	1	4.31893
Annual Perm 1_serv	BOBJ1	63	168	After	Interior Girder 1	8	0.95	1	1	5.198346
Annual Perm 1_serv	BOBJ1	63	168	After	Interior Girder 2	8	0.95	1	1	5.733018
Annual Perm 1_serv	BOBJ1	63	168	After	Interior Girder 3	8	0.95	1	1	5.184795
Annual Perm 1_serv	BOBJ1	63	168	After	Interior Girder 4	8	0.95	1	1	5.193625
Annual Perm 1_serv	BOBJ1	63	168	After	Interior Girder 5	8	0.95	1	1	5.726436
Annual Perm 1_serv	BOBJ1	63	168	After	Interior Girder 6	8	0.95	1	1	5.201407
Annual Perm 1_serv	BOBJ1	63	168	After	Right Exterior Girder	8	0.95	1	1	4.32402
Annual Perm 1_serv	BOBJ1	64	170	Before	Interior Girder 1	10	0.95	1	1	5.766699
Annual Perm 1_serv	BOBJ1	64	170	Before	Interior Girder 2	10	0.95	1	1	6.505271
Annual Perm 1_serv	BOBJ1	64	170	Before	Interior Girder 3	10	0.95	1	1	6.674914
Annual Perm 1_serv	BOBJ1	64	170	Before	Interior Girder 4	10	0.95	1	1	6.673265
Annual Perm 1_serv	BOBJ1	64	170	Before	Interior Girder 5	10	0.95	1	1	6.500352
Annual Perm 1_serv	BOBJ1	64	170	Before	Interior Girder 6	10	0.95	1	1	5.769837
Annual Perm 1_serv	BOBJ1	65	170	After	Interior Girder 1	10	0.95	1	1	2.836603
Annual Perm 1_serv	BOBJ1	65	170	After	Interior Girder 2	10	0.95	1	1	3.259286
Annual Perm 1_serv	BOBJ1	65	170	After	Interior Girder 3	10	0.95	1	1	3.26712
Annual Perm 1_serv	BOBJ1	65	170	After	Interior Girder 4	10	0.95	1	1	3.266602
Annual Perm 1_serv	BOBJ1	65	170	After	Interior Girder 5	10	0.95	1	1	3.256761
Annual Perm 1_serv	BOBJ1	65	170	After	Interior Girder 6	10	0.95	1	1	2.838195
Annual Perm 1_serv	BOBJ1	66	176	Before	Left Exterior Girder	16	0.95	1	1	5.98572
Annual Perm 1_serv	BOBJ1	66	176	Before	Interior Girder 1	16	0.95	1	1	3.94522
Annual Perm 1_serv	BOBJ1	66	176	Before	Interior Girder 2	16	0.95	1	1	4.492973
Annual Perm 1_serv	BOBJ1	66	176	Before	Interior Girder 3	16	0.95	1	1	5.105398
Annual Perm 1_serv	BOBJ1	66	176	Before	Interior Girder 4	16	0.95	1	1	5.102349
Annual Perm 1_serv	BOBJ1	66	176	Before	Interior Girder 5	16	0.95	1	1	4.491133
Annual Perm 1_serv	BOBJ1	66	176	Before	Interior Girder 6	16	0.95	1	1	3.94676
Annual Perm 1_serv	BOBJ1	66	176	Before	Right Exterior Girder	16	0.95	1	1	5.991337
Annual Perm 1_serv	BOBJ1	67	176	After	Left Exterior Girder	16	0.95	1	1	5.929315
Annual Perm 1_serv	BOBJ1	67	176	After	Interior Girder 1	16	0.95	1	1	3.986946
Annual Perm 1_serv	BOBJ1	67	176	After	Interior Girder 2	16	0.95	1	1	4.522768
Annual Perm 1_serv	BOBJ1	67	176	After	Interior Girder 3	16	0.95	1	1	5.102215
Annual Perm 1_serv	BOBJ1	67	176	After	Interior Girder 4	16	0.95	1	1	5.099746
Annual Perm 1_serv	BOBJ1	67	176	After	Interior Girder 5	16	0.95	1	1	4.520565
Annual Perm 1_serv	BOBJ1	67	176	After	Interior Girder 6	16	0.95	1	1	3.988477
Annual Perm 1_serv	BOBJ1	67	176	After	Right Exterior Girder	16	0.95	1	1	5.934918

TABLE: Bridge Super Rating AASHTORATE18 31 - SteelICompServ-Flx - Approach, Span 4-6										
Request	BridgeObj	BridgeCut	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	Unitless	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Annual Perm 1_serv	BOBJ1	68	181	Before	Interior Girder 1	21	0.95	1	1	3.4608
Annual Perm 1_serv	BOBJ1	68	181	Before	Interior Girder 2	21	0.95	1	1	3.661642
Annual Perm 1_serv	BOBJ1	68	181	Before	Interior Girder 3	21	0.95	1	1	3.545508
Annual Perm 1_serv	BOBJ1	68	181	Before	Interior Girder 4	21	0.95	1	1	3.566651
Annual Perm 1_serv	BOBJ1	68	181	Before	Interior Girder 5	21	0.95	1	1	3.658529
Annual Perm 1_serv	BOBJ1	68	181	Before	Interior Girder 6	21	0.95	1	1	3.466766
Annual Perm 1_serv	BOBJ1	69	181	After	Interior Girder 1	21	0.95	1	1	5.538341
Annual Perm 1_serv	BOBJ1	69	181	After	Interior Girder 2	21	0.95	1	1	5.798642
Annual Perm 1_serv	BOBJ1	69	181	After	Interior Girder 3	21	0.95	1	1	5.767117
Annual Perm 1_serv	BOBJ1	69	181	After	Interior Girder 4	21	0.95	1	1	5.800208
Annual Perm 1_serv	BOBJ1	69	181	After	Interior Girder 5	21	0.95	1	1	5.792113
Annual Perm 1_serv	BOBJ1	69	181	After	Interior Girder 6	21	0.95	1	1	5.548209
Annual Perm 1_serv	BOBJ1	70	184	Before	Left Exterior Girder	24	0.95	1	1	4.307236
Annual Perm 1_serv	BOBJ1	70	184	Before	Interior Girder 1	24	0.95	1	1	4.520023
Annual Perm 1_serv	BOBJ1	70	184	Before	Interior Girder 2	24	0.95	1	1	4.839897
Annual Perm 1_serv	BOBJ1	70	184	Before	Interior Girder 3	24	0.95	1	1	4.765396
Annual Perm 1_serv	BOBJ1	70	184	Before	Interior Girder 4	24	0.95	1	1	4.791429
Annual Perm 1_serv	BOBJ1	70	184	Before	Interior Girder 5	24	0.95	1	1	4.833338
Annual Perm 1_serv	BOBJ1	70	184	Before	Interior Girder 6	24	0.95	1	1	4.530299
Annual Perm 1_serv	BOBJ1	70	184	Before	Right Exterior Girder	24	0.95	1	1	4.311189
Annual Perm 1_serv	BOBJ1	71	184	After	Left Exterior Girder	24	0.95	1	1	4.376799
Annual Perm 1_serv	BOBJ1	71	184	After	Interior Girder 1	24	0.95	1	1	4.455894
Annual Perm 1_serv	BOBJ1	71	184	After	Interior Girder 2	24	0.95	1	1	4.82023
Annual Perm 1_serv	BOBJ1	71	184	After	Interior Girder 3	24	0.95	1	1	4.825088
Annual Perm 1_serv	BOBJ1	71	184	After	Interior Girder 4	24	0.95	1	1	4.851322
Annual Perm 1_serv	BOBJ1	71	184	After	Interior Girder 5	24	0.95	1	1	4.812188
Annual Perm 1_serv	BOBJ1	71	184	After	Interior Girder 6	24	0.95	1	1	4.465421
Annual Perm 1_serv	BOBJ1	71	184	After	Right Exterior Girder	24	0.95	1	1	4.380603
Annual Perm 1_serv	BOBJ1	72	192	Before	Left Exterior Girder	32	0.95	1	1	3.184956
Annual Perm 1_serv	BOBJ1	72	192	Before	Interior Girder 1	32	0.95	1	1	3.291364
Annual Perm 1_serv	BOBJ1	72	192	Before	Interior Girder 2	32	0.95	1	1	3.700719
Annual Perm 1_serv	BOBJ1	72	192	Before	Interior Girder 3	32	0.95	1	1	3.888139
Annual Perm 1_serv	BOBJ1	72	192	Before	Interior Girder 4	32	0.95	1	1	3.892222
Annual Perm 1_serv	BOBJ1	72	192	Before	Interior Girder 5	32	0.95	1	1	3.701221
Annual Perm 1_serv	BOBJ1	72	192	Before	Interior Girder 6	32	0.95	1	1	3.291786
Annual Perm 1_serv	BOBJ1	72	192	Before	Right Exterior Girder	32	0.95	1	1	3.188313
Annual Perm 1_serv	BOBJ1	73	192	After	Left Exterior Girder	32	0.95	1	1	3.221801
Annual Perm 1_serv	BOBJ1	73	192	After	Interior Girder 1	32	0.95	1	1	3.244639
Annual Perm 1_serv	BOBJ1	73	192	After	Interior Girder 2	32	0.95	1	1	3.68805
Annual Perm 1_serv	BOBJ1	73	192	After	Interior Girder 3	32	0.95	1	1	3.910216
Annual Perm 1_serv	BOBJ1	73	192	After	Interior Girder 4	32	0.95	1	1	3.912907
Annual Perm 1_serv	BOBJ1	73	192	After	Interior Girder 5	32	0.95	1	1	3.687284
Annual Perm 1_serv	BOBJ1	73	192	After	Interior Girder 6	32	0.95	1	1	3.244921
Annual Perm 1_serv	BOBJ1	73	192	After	Right Exterior Girder	32	0.95	1	1	3.22516
Annual Perm 1_serv	BOBJ1	74	200	Before	Left Exterior Girder	40	0.95	1	1	2.776149
Annual Perm 1_serv	BOBJ1	74	200	Before	Interior Girder 1	40	0.95	1	1	2.613527
Annual Perm 1_serv	BOBJ1	74	200	Before	Interior Girder 2	40	0.95	1	1	2.989982
Annual Perm 1_serv	BOBJ1	74	200	Before	Interior Girder 3	40	0.95	1	1	3.102962
Annual Perm 1_serv	BOBJ1	74	200	Before	Interior Girder 4	40	0.95	1	1	3.110915
Annual Perm 1_serv	BOBJ1	74	200	Before	Interior Girder 5	40	0.95	1	1	2.986167
Annual Perm 1_serv	BOBJ1	74	200	Before	Interior Girder 6	40	0.95	1	1	2.617277
Annual Perm 1_serv	BOBJ1	74	200	Before	Right Exterior Girder	40	0.95	1	1	2.778986
Annual Perm 1_serv	BOBJ1	75	200	After	Left Exterior Girder	40	0.95	1	1	2.791646
Annual Perm 1_serv	BOBJ1	75	200	After	Interior Girder 1	40	0.95	1	1	2.60397
Annual Perm 1_serv	BOBJ1	75	200	After	Interior Girder 2	40	0.95	1	1	2.993775
Annual Perm 1_serv	BOBJ1	75	200	After	Interior Girder 3	40	0.95	1	1	3.106562
Annual Perm 1_serv	BOBJ1	75	200	After	Interior Girder 4	40	0.95	1	1	3.122586
Annual Perm 1_serv	BOBJ1	75	200	After	Interior Girder 5	40	0.95	1	1	2.990346
Annual Perm 1_serv	BOBJ1	75	200	After	Interior Girder 6	40	0.95	1	1	2.607588
Annual Perm 1_serv	BOBJ1	75	200	After	Right Exterior Girder	40	0.95	1	1	2.794417
Annual Perm 1_serv	BOBJ1	76	208	Before	Left Exterior Girder	48	0.95	1	1	2.549637
Annual Perm 1_serv	BOBJ1	76	208	Before	Interior Girder 1	48	0.95	1	1	2.5151
Annual Perm 1_serv	BOBJ1	76	208	Before	Interior Girder 2	48	0.95	1	1	2.933707
Annual Perm 1_serv	BOBJ1	76	208	Before	Interior Girder 3	48	0.95	1	1	3.153054
Annual Perm 1_serv	BOBJ1	76	208	Before	Interior Girder 4	48	0.95	1	1	3.153395
Annual Perm 1_serv	BOBJ1	76	208	Before	Interior Girder 5	48	0.95	1	1	2.933741
Annual Perm 1_serv	BOBJ1	76	208	Before	Interior Girder 6	48	0.95	1	1	2.514876
Annual Perm 1_serv	BOBJ1	76	208	Before	Right Exterior Girder	48	0.95	1	1	2.55229
Annual Perm 1_serv	BOBJ1	77	208	After	Left Exterior Girder	48	0.95	1	1	2.531747
Annual Perm 1_serv	BOBJ1	77	208	After	Interior Girder 1	48	0.95	1	1	2.520923
Annual Perm 1_serv	BOBJ1	77	208	After	Interior Girder 2	48	0.95	1	1	2.940002
Annual Perm 1_serv	BOBJ1	77	208	After	Interior Girder 3	48	0.95	1	1	3.136387
Annual Perm 1_serv	BOBJ1	77	208	After	Interior Girder 4	48	0.95	1	1	3.137769

TABLE: Bridge Super Rating AASHTORATE18 31 - SteelICompServ-Flx - Approach, Span 4-6										
Request	BridgeObj	BridgeCut	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	Unitless	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Annual Perm 1_serv	BOBJ1	77	208	After	Interior Girder 5	48	0.95	1	1	2.943622
Annual Perm 1_serv	BOBJ1	77	208	After	Interior Girder 6	48	0.95	1	1	2.520835
Annual Perm 1_serv	BOBJ1	77	208	After	Right Exterior Girder	48	0.95	1	1	2.534366
Annual Perm 1_serv	BOBJ1	78	216	Before	Left Exterior Girder	56	0.95	1	1	2.952171
Annual Perm 1_serv	BOBJ1	78	216	Before	Interior Girder 1	56	0.95	1	1	2.6927
Annual Perm 1_serv	BOBJ1	78	216	Before	Interior Girder 2	56	0.95	1	1	3.09113
Annual Perm 1_serv	BOBJ1	78	216	Before	Interior Girder 3	56	0.95	1	1	3.189366
Annual Perm 1_serv	BOBJ1	78	216	Before	Interior Girder 4	56	0.95	1	1	3.205722
Annual Perm 1_serv	BOBJ1	78	216	Before	Interior Girder 5	56	0.95	1	1	3.086348
Annual Perm 1_serv	BOBJ1	78	216	Before	Interior Girder 6	56	0.95	1	1	2.696472
Annual Perm 1_serv	BOBJ1	78	216	Before	Right Exterior Girder	56	0.95	1	1	2.95489
Annual Perm 1_serv	BOBJ1	79	216	After	Left Exterior Girder	56	0.95	1	1	2.898007
Annual Perm 1_serv	BOBJ1	79	216	After	Interior Girder 1	56	0.95	1	1	2.707807
Annual Perm 1_serv	BOBJ1	79	216	After	Interior Girder 2	56	0.95	1	1	3.092404
Annual Perm 1_serv	BOBJ1	79	216	After	Interior Girder 3	56	0.95	1	1	3.149694
Annual Perm 1_serv	BOBJ1	79	216	After	Interior Girder 4	56	0.95	1	1	3.157788
Annual Perm 1_serv	BOBJ1	79	216	After	Interior Girder 5	56	0.95	1	1	3.087496
Annual Perm 1_serv	BOBJ1	79	216	After	Interior Girder 6	56	0.95	1	1	2.711921
Annual Perm 1_serv	BOBJ1	79	216	After	Right Exterior Girder	56	0.95	1	1	2.900868
Annual Perm 1_serv	BOBJ1	80	224	Before	Left Exterior Girder	64	0.95	1	1	3.768734
Annual Perm 1_serv	BOBJ1	80	224	Before	Interior Girder 1	64	0.95	1	1	3.582772
Annual Perm 1_serv	BOBJ1	80	224	Before	Interior Girder 2	64	0.95	1	1	4.067826
Annual Perm 1_serv	BOBJ1	80	224	Before	Interior Girder 3	64	0.95	1	1	4.258403
Annual Perm 1_serv	BOBJ1	80	224	Before	Interior Girder 4	64	0.95	1	1	4.262914
Annual Perm 1_serv	BOBJ1	80	224	Before	Interior Girder 5	64	0.95	1	1	4.072238
Annual Perm 1_serv	BOBJ1	80	224	Before	Interior Girder 6	64	0.95	1	1	3.582857
Annual Perm 1_serv	BOBJ1	80	224	Before	Right Exterior Girder	64	0.95	1	1	3.77278
Annual Perm 1_serv	BOBJ1	81	224	After	Left Exterior Girder	64	0.95	1	1	3.702426
Annual Perm 1_serv	BOBJ1	81	224	After	Interior Girder 1	64	0.95	1	1	3.644413
Annual Perm 1_serv	BOBJ1	81	224	After	Interior Girder 2	64	0.95	1	1	4.073346
Annual Perm 1_serv	BOBJ1	81	224	After	Interior Girder 3	64	0.95	1	1	4.156366
Annual Perm 1_serv	BOBJ1	81	224	After	Interior Girder 4	64	0.95	1	1	4.162843
Annual Perm 1_serv	BOBJ1	81	224	After	Interior Girder 5	64	0.95	1	1	4.073567
Annual Perm 1_serv	BOBJ1	81	224	After	Interior Girder 6	64	0.95	1	1	3.644411
Annual Perm 1_serv	BOBJ1	81	224	After	Right Exterior Girder	64	0.95	1	1	3.707497
Annual Perm 1_serv	BOBJ1	82	232	Before	Left Exterior Girder	72	0.95	1	1	6.770976
Annual Perm 1_serv	BOBJ1	82	232	Before	Interior Girder 1	72	0.95	1	1	6.317734
Annual Perm 1_serv	BOBJ1	82	232	Before	Interior Girder 2	72	0.95	1	1	6.769096
Annual Perm 1_serv	BOBJ1	82	232	Before	Interior Girder 3	72	0.95	1	1	6.873919
Annual Perm 1_serv	BOBJ1	82	232	Before	Interior Girder 4	72	0.95	1	1	6.914311
Annual Perm 1_serv	BOBJ1	82	232	Before	Interior Girder 5	72	0.95	1	1	6.770381
Annual Perm 1_serv	BOBJ1	82	232	Before	Interior Girder 6	72	0.95	1	1	6.330333
Annual Perm 1_serv	BOBJ1	82	232	Before	Right Exterior Girder	72	0.95	1	1	6.775377
Annual Perm 1_serv	BOBJ1	83	232	After	Left Exterior Girder	72	0.95	1	1	6.696128
Annual Perm 1_serv	BOBJ1	83	232	After	Interior Girder 1	72	0.95	1	1	6.375545
Annual Perm 1_serv	BOBJ1	83	232	After	Interior Girder 2	72	0.95	1	1	6.664519
Annual Perm 1_serv	BOBJ1	83	232	After	Interior Girder 3	72	0.95	1	1	6.446988
Annual Perm 1_serv	BOBJ1	83	232	After	Interior Girder 4	72	0.95	1	1	6.486575
Annual Perm 1_serv	BOBJ1	83	232	After	Interior Girder 5	72	0.95	1	1	6.657358
Annual Perm 1_serv	BOBJ1	83	232	After	Interior Girder 6	72	0.95	1	1	6.39153
Annual Perm 1_serv	BOBJ1	83	232	After	Right Exterior Girder	72	0.95	1	1	6.701752
Annual Perm 1_serv	BOBJ1	84	240	Before	Left Exterior Girder	80	0.95	1	1	56.041688
Annual Perm 1_serv	BOBJ1	84	240	Before	Interior Girder 1	80	0.95	1	1	36.027617
Annual Perm 1_serv	BOBJ1	84	240	Before	Interior Girder 2	80	0.95	1	1	29.090412
Annual Perm 1_serv	BOBJ1	84	240	Before	Interior Girder 3	80	0.95	1	1	19.26458
Annual Perm 1_serv	BOBJ1	84	240	Before	Interior Girder 4	80	0.95	1	1	19.45517
Annual Perm 1_serv	BOBJ1	84	240	Before	Interior Girder 5	80	0.95	1	1	28.791166
Annual Perm 1_serv	BOBJ1	84	240	Before	Interior Girder 6	80	0.95	1	1	36.044943
Annual Perm 1_serv	BOBJ1	84	240	Before	Right Exterior Girder	80	0.95	1	1	56.041688
Annual Perm 2_serv	BOBJ1	1	0	After	Left Exterior Girder	0	0.95	1	1	302.980241
Annual Perm 2_serv	BOBJ1	1	0	After	Interior Girder 1	0	0.95	1	1	379.938012
Annual Perm 2_serv	BOBJ1	1	0	After	Interior Girder 2	0	0.95	1	1	350.404265
Annual Perm 2_serv	BOBJ1	1	0	After	Interior Girder 3	0	0.95	1	1	195.133777
Annual Perm 2_serv	BOBJ1	1	0	After	Interior Girder 4	0	0.95	1	1	197.857959
Annual Perm 2_serv	BOBJ1	1	0	After	Interior Girder 5	0	0.95	1	1	348.019972
Annual Perm 2_serv	BOBJ1	1	0	After	Interior Girder 6	0	0.95	1	1	372.635741
Annual Perm 2_serv	BOBJ1	1	0	After	Right Exterior Girder	0	0.95	1	1	302.98024
Annual Perm 2_serv	BOBJ1	2	8	Before	Left Exterior Girder	8	0.95	1	1	5.440812
Annual Perm 2_serv	BOBJ1	2	8	Before	Interior Girder 1	8	0.95	1	1	5.801074
Annual Perm 2_serv	BOBJ1	2	8	Before	Interior Girder 2	8	0.95	1	1	6.049348
Annual Perm 2_serv	BOBJ1	2	8	Before	Interior Girder 3	8	0.95	1	1	5.533414
Annual Perm 2_serv	BOBJ1	2	8	Before	Interior Girder 4	8	0.95	1	1	5.566831
Annual Perm 2_serv	BOBJ1	2	8	Before	Interior Girder 5	8	0.95	1	1	6.038678

TABLE: Bridge Super Rating AASHTORATE18 31 - SteelICompServ-Flx - Approach, Span 4-6										
Request	BridgeObj	BridgeCut	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	Unitless	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Annual Perm 2_serv	BOBJ1	2	8	Before	Interior Girder 6	8	0.95	1	1	5.81574
Annual Perm 2_serv	BOBJ1	2	8	Before	Right Exterior Girder	8	0.95	1	1	5.448728
Annual Perm 2_serv	BOBJ1	3	8	After	Left Exterior Girder	8	0.95	1	1	5.546646
Annual Perm 2_serv	BOBJ1	3	8	After	Interior Girder 1	8	0.95	1	1	5.702814
Annual Perm 2_serv	BOBJ1	3	8	After	Interior Girder 2	8	0.95	1	1	6.165165
Annual Perm 2_serv	BOBJ1	3	8	After	Interior Girder 3	8	0.95	1	1	5.826399
Annual Perm 2_serv	BOBJ1	3	8	After	Interior Girder 4	8	0.95	1	1	5.86523
Annual Perm 2_serv	BOBJ1	3	8	After	Interior Girder 5	8	0.95	1	1	6.150543
Annual Perm 2_serv	BOBJ1	3	8	After	Interior Girder 6	8	0.95	1	1	5.715921
Annual Perm 2_serv	BOBJ1	3	8	After	Right Exterior Girder	8	0.95	1	1	5.554591
Annual Perm 2_serv	BOBJ1	4	16	Before	Left Exterior Girder	16	0.95	1	1	2.961851
Annual Perm 2_serv	BOBJ1	4	16	Before	Interior Girder 1	16	0.95	1	1	3.383912
Annual Perm 2_serv	BOBJ1	4	16	Before	Interior Girder 2	16	0.95	1	1	3.830831
Annual Perm 2_serv	BOBJ1	4	16	Before	Interior Girder 3	16	0.95	1	1	3.741605
Annual Perm 2_serv	BOBJ1	4	16	Before	Interior Girder 4	16	0.95	1	1	3.747076
Annual Perm 2_serv	BOBJ1	4	16	Before	Interior Girder 5	16	0.95	1	1	3.833048
Annual Perm 2_serv	BOBJ1	4	16	Before	Interior Girder 6	16	0.95	1	1	3.382877
Annual Perm 2_serv	BOBJ1	4	16	Before	Right Exterior Girder	16	0.95	1	1	2.965287
Annual Perm 2_serv	BOBJ1	5	16	After	Left Exterior Girder	16	0.95	1	1	3.005019
Annual Perm 2_serv	BOBJ1	5	16	After	Interior Girder 1	16	0.95	1	1	3.331897
Annual Perm 2_serv	BOBJ1	5	16	After	Interior Girder 2	16	0.95	1	1	3.818758
Annual Perm 2_serv	BOBJ1	5	16	After	Interior Girder 3	16	0.95	1	1	3.820117
Annual Perm 2_serv	BOBJ1	5	16	After	Interior Girder 4	16	0.95	1	1	3.828316
Annual Perm 2_serv	BOBJ1	5	16	After	Interior Girder 5	16	0.95	1	1	3.820938
Annual Perm 2_serv	BOBJ1	5	16	After	Interior Girder 6	16	0.95	1	1	3.330939
Annual Perm 2_serv	BOBJ1	5	16	After	Right Exterior Girder	16	0.95	1	1	3.008177
Annual Perm 2_serv	BOBJ1	6	20.5	Before	Left Exterior Girder	20.5	0.95	1	1	2.500198
Annual Perm 2_serv	BOBJ1	6	20.5	Before	Right Exterior Girder	20.5	0.95	1	1	2.502656
Annual Perm 2_serv	BOBJ1	7	20.5	After	Left Exterior Girder	20.5	0.95	1	1	2.992138
Annual Perm 2_serv	BOBJ1	7	20.5	After	Right Exterior Girder	20.5	0.95	1	1	2.994897
Annual Perm 2_serv	BOBJ1	8	24	Before	Left Exterior Girder	24	0.95	1	1	2.738846
Annual Perm 2_serv	BOBJ1	8	24	Before	Interior Girder 1	24	0.95	1	1	2.451753
Annual Perm 2_serv	BOBJ1	8	24	Before	Interior Girder 2	24	0.95	1	1	2.812783
Annual Perm 2_serv	BOBJ1	8	24	Before	Interior Girder 3	24	0.95	1	1	2.814973
Annual Perm 2_serv	BOBJ1	8	24	Before	Interior Girder 4	24	0.95	1	1	2.822166
Annual Perm 2_serv	BOBJ1	8	24	Before	Interior Girder 5	24	0.95	1	1	2.808294
Annual Perm 2_serv	BOBJ1	8	24	Before	Interior Girder 6	24	0.95	1	1	2.455184
Annual Perm 2_serv	BOBJ1	8	24	Before	Right Exterior Girder	24	0.95	1	1	2.741346
Annual Perm 2_serv	BOBJ1	9	24	After	Left Exterior Girder	24	0.95	1	1	2.743864
Annual Perm 2_serv	BOBJ1	9	24	After	Interior Girder 1	24	0.95	1	1	2.457688
Annual Perm 2_serv	BOBJ1	9	24	After	Interior Girder 2	24	0.95	1	1	2.799501
Annual Perm 2_serv	BOBJ1	9	24	After	Interior Girder 3	24	0.95	1	1	2.839168
Annual Perm 2_serv	BOBJ1	9	24	After	Interior Girder 4	24	0.95	1	1	2.848805
Annual Perm 2_serv	BOBJ1	9	24	After	Interior Girder 5	24	0.95	1	1	2.793868
Annual Perm 2_serv	BOBJ1	9	24	After	Interior Girder 6	24	0.95	1	1	2.461183
Annual Perm 2_serv	BOBJ1	9	24	After	Right Exterior Girder	24	0.95	1	1	2.746225
Annual Perm 2_serv	BOBJ1	10	32	Before	Left Exterior Girder	32	0.95	1	1	2.378903
Annual Perm 2_serv	BOBJ1	10	32	Before	Interior Girder 1	32	0.95	1	1	2.365162
Annual Perm 2_serv	BOBJ1	10	32	Before	Interior Girder 2	32	0.95	1	1	2.754211
Annual Perm 2_serv	BOBJ1	10	32	Before	Interior Girder 3	32	0.95	1	1	2.890755
Annual Perm 2_serv	BOBJ1	10	32	Before	Interior Girder 4	32	0.95	1	1	2.893711
Annual Perm 2_serv	BOBJ1	10	32	Before	Interior Girder 5	32	0.95	1	1	2.758896
Annual Perm 2_serv	BOBJ1	10	32	Before	Interior Girder 6	32	0.95	1	1	2.364342
Annual Perm 2_serv	BOBJ1	10	32	Before	Right Exterior Girder	32	0.95	1	1	2.381214
Annual Perm 2_serv	BOBJ1	11	32	After	Left Exterior Girder	32	0.95	1	1	2.389321
Annual Perm 2_serv	BOBJ1	11	32	After	Interior Girder 1	32	0.95	1	1	2.363902
Annual Perm 2_serv	BOBJ1	11	32	After	Interior Girder 2	32	0.95	1	1	2.748682
Annual Perm 2_serv	BOBJ1	11	32	After	Interior Girder 3	32	0.95	1	1	2.895504
Annual Perm 2_serv	BOBJ1	11	32	After	Interior Girder 4	32	0.95	1	1	2.898139
Annual Perm 2_serv	BOBJ1	11	32	After	Interior Girder 5	32	0.95	1	1	2.751157
Annual Perm 2_serv	BOBJ1	11	32	After	Interior Girder 6	32	0.95	1	1	2.362997
Annual Perm 2_serv	BOBJ1	11	32	After	Right Exterior Girder	32	0.95	1	1	2.391616
Annual Perm 2_serv	BOBJ1	12	40	Before	Left Exterior Girder	40	0.95	1	1	2.501239
Annual Perm 2_serv	BOBJ1	12	40	Before	Interior Girder 1	40	0.95	1	1	2.367557
Annual Perm 2_serv	BOBJ1	12	40	Before	Interior Girder 2	40	0.95	1	1	2.735171
Annual Perm 2_serv	BOBJ1	12	40	Before	Interior Girder 3	40	0.95	1	1	2.82127
Annual Perm 2_serv	BOBJ1	12	40	Before	Interior Girder 4	40	0.95	1	1	2.830975
Annual Perm 2_serv	BOBJ1	12	40	Before	Interior Girder 5	40	0.95	1	1	2.735821
Annual Perm 2_serv	BOBJ1	12	40	Before	Interior Girder 6	40	0.95	1	1	2.370301
Annual Perm 2_serv	BOBJ1	12	40	Before	Right Exterior Girder	40	0.95	1	1	2.5034
Annual Perm 2_serv	BOBJ1	13	40	After	Left Exterior Girder	40	0.95	1	1	2.50466
Annual Perm 2_serv	BOBJ1	13	40	After	Interior Girder 1	40	0.95	1	1	2.374907
Annual Perm 2_serv	BOBJ1	13	40	After	Interior Girder 2	40	0.95	1	1	2.731352

TABLE: Bridge Super Rating AASHTORATE18 31 - SteelICompServ-Flx - Approach, Span 4-6										
Request	BridgeObj	BridgeCut	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	Unitless	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Annual Perm 2_serv	BOBJ1	13	40	After	Interior Girder 3	40	0.95	1	1	2.812601
Annual Perm 2_serv	BOBJ1	13	40	After	Interior Girder 4	40	0.95	1	1	2.818796
Annual Perm 2_serv	BOBJ1	13	40	After	Interior Girder 5	40	0.95	1	1	2.731277
Annual Perm 2_serv	BOBJ1	13	40	After	Interior Girder 6	40	0.95	1	1	2.377649
Annual Perm 2_serv	BOBJ1	13	40	After	Right Exterior Girder	40	0.95	1	1	2.506921
Annual Perm 2_serv	BOBJ1	14	46.5	Before	Left Exterior Girder	46.5	0.95	1	1	2.71581
Annual Perm 2_serv	BOBJ1	14	46.5	Before	Right Exterior Girder	46.5	0.95	1	1	2.718411
Annual Perm 2_serv	BOBJ1	15	46.5	After	Left Exterior Girder	46.5	0.95	1	1	2.337131
Annual Perm 2_serv	BOBJ1	15	46.5	After	Right Exterior Girder	46.5	0.95	1	1	2.339409
Annual Perm 2_serv	BOBJ1	16	48	Before	Left Exterior Girder	48	0.95	1	1	2.41725
Annual Perm 2_serv	BOBJ1	16	48	Before	Interior Girder 1	48	0.95	1	1	2.925777
Annual Perm 2_serv	BOBJ1	16	48	Before	Interior Girder 2	48	0.95	1	1	3.418463
Annual Perm 2_serv	BOBJ1	16	48	Before	Interior Girder 3	48	0.95	1	1	3.577332
Annual Perm 2_serv	BOBJ1	16	48	Before	Interior Girder 4	48	0.95	1	1	3.582527
Annual Perm 2_serv	BOBJ1	16	48	Before	Interior Girder 5	48	0.95	1	1	3.424681
Annual Perm 2_serv	BOBJ1	16	48	Before	Interior Girder 6	48	0.95	1	1	2.92432
Annual Perm 2_serv	BOBJ1	16	48	Before	Right Exterior Girder	48	0.95	1	1	2.419659
Annual Perm 2_serv	BOBJ1	17	48	After	Left Exterior Girder	48	0.95	1	1	2.404155
Annual Perm 2_serv	BOBJ1	17	48	After	Interior Girder 1	48	0.95	1	1	2.955809
Annual Perm 2_serv	BOBJ1	17	48	After	Interior Girder 2	48	0.95	1	1	3.420184
Annual Perm 2_serv	BOBJ1	17	48	After	Interior Girder 3	48	0.95	1	1	3.532318
Annual Perm 2_serv	BOBJ1	17	48	After	Interior Girder 4	48	0.95	1	1	3.537846
Annual Perm 2_serv	BOBJ1	17	48	After	Interior Girder 5	48	0.95	1	1	3.425432
Annual Perm 2_serv	BOBJ1	17	48	After	Interior Girder 6	48	0.95	1	1	2.954428
Annual Perm 2_serv	BOBJ1	17	48	After	Right Exterior Girder	48	0.95	1	1	2.40665
Annual Perm 2_serv	BOBJ1	18	56	Before	Left Exterior Girder	56	0.95	1	1	3.375449
Annual Perm 2_serv	BOBJ1	18	56	Before	Interior Girder 1	56	0.95	1	1	3.953531
Annual Perm 2_serv	BOBJ1	18	56	Before	Interior Girder 2	56	0.95	1	1	4.364717
Annual Perm 2_serv	BOBJ1	18	56	Before	Interior Girder 3	56	0.95	1	1	4.423028
Annual Perm 2_serv	BOBJ1	18	56	Before	Interior Girder 4	56	0.95	1	1	4.441507
Annual Perm 2_serv	BOBJ1	18	56	Before	Interior Girder 5	56	0.95	1	1	4.361944
Annual Perm 2_serv	BOBJ1	18	56	Before	Interior Girder 6	56	0.95	1	1	3.9605
Annual Perm 2_serv	BOBJ1	18	56	Before	Right Exterior Girder	56	0.95	1	1	3.377993
Annual Perm 2_serv	BOBJ1	19	56	After	Left Exterior Girder	56	0.95	1	1	3.323633
Annual Perm 2_serv	BOBJ1	19	56	After	Interior Girder 1	56	0.95	1	1	4.026279
Annual Perm 2_serv	BOBJ1	19	56	After	Interior Girder 2	56	0.95	1	1	4.360206
Annual Perm 2_serv	BOBJ1	19	56	After	Interior Girder 3	56	0.95	1	1	4.34302
Annual Perm 2_serv	BOBJ1	19	56	After	Interior Girder 4	56	0.95	1	1	4.360326
Annual Perm 2_serv	BOBJ1	19	56	After	Interior Girder 5	56	0.95	1	1	4.354715
Annual Perm 2_serv	BOBJ1	19	56	After	Interior Girder 6	56	0.95	1	1	4.033371
Annual Perm 2_serv	BOBJ1	19	56	After	Right Exterior Girder	56	0.95	1	1	3.326453
Annual Perm 2_serv	BOBJ1	20	59	Before	Interior Girder 1	59	0.95	1	1	4.956939
Annual Perm 2_serv	BOBJ1	20	59	Before	Interior Girder 2	59	0.95	1	1	5.283519
Annual Perm 2_serv	BOBJ1	20	59	Before	Interior Girder 3	59	0.95	1	1	5.310498
Annual Perm 2_serv	BOBJ1	20	59	Before	Interior Girder 4	59	0.95	1	1	5.334137
Annual Perm 2_serv	BOBJ1	20	59	Before	Interior Girder 5	59	0.95	1	1	5.280137
Annual Perm 2_serv	BOBJ1	20	59	Before	Interior Girder 6	59	0.95	1	1	4.964712
Annual Perm 2_serv	BOBJ1	21	59	After	Interior Girder 1	59	0.95	1	1	2.854429
Annual Perm 2_serv	BOBJ1	21	59	After	Interior Girder 2	59	0.95	1	1	3.075167
Annual Perm 2_serv	BOBJ1	21	59	After	Interior Girder 3	59	0.95	1	1	2.989171
Annual Perm 2_serv	BOBJ1	21	59	After	Interior Girder 4	59	0.95	1	1	3.002113
Annual Perm 2_serv	BOBJ1	21	59	After	Interior Girder 5	59	0.95	1	1	3.074256
Annual Perm 2_serv	BOBJ1	21	59	After	Interior Girder 6	59	0.95	1	1	2.858864
Annual Perm 2_serv	BOBJ1	22	64	Before	Left Exterior Girder	64	0.95	1	1	4.639031
Annual Perm 2_serv	BOBJ1	22	64	Before	Interior Girder 1	64	0.95	1	1	3.036885
Annual Perm 2_serv	BOBJ1	22	64	Before	Interior Girder 2	64	0.95	1	1	3.513048
Annual Perm 2_serv	BOBJ1	22	64	Before	Interior Girder 3	64	0.95	1	1	3.969851
Annual Perm 2_serv	BOBJ1	22	64	Before	Interior Girder 4	64	0.95	1	1	3.966659
Annual Perm 2_serv	BOBJ1	22	64	Before	Interior Girder 5	64	0.95	1	1	3.509808
Annual Perm 2_serv	BOBJ1	22	64	Before	Interior Girder 6	64	0.95	1	1	3.037259
Annual Perm 2_serv	BOBJ1	22	64	Before	Right Exterior Girder	64	0.95	1	1	4.643104
Annual Perm 2_serv	BOBJ1	23	64	After	Left Exterior Girder	64	0.95	1	1	4.66953
Annual Perm 2_serv	BOBJ1	23	64	After	Interior Girder 1	64	0.95	1	1	3.013757
Annual Perm 2_serv	BOBJ1	23	64	After	Interior Girder 2	64	0.95	1	1	3.49519
Annual Perm 2_serv	BOBJ1	23	64	After	Interior Girder 3	64	0.95	1	1	3.980625
Annual Perm 2_serv	BOBJ1	23	64	After	Interior Girder 4	64	0.95	1	1	3.977059
Annual Perm 2_serv	BOBJ1	23	64	After	Interior Girder 5	64	0.95	1	1	3.492047
Annual Perm 2_serv	BOBJ1	23	64	After	Interior Girder 6	64	0.95	1	1	3.014143
Annual Perm 2_serv	BOBJ1	23	64	After	Right Exterior Girder	64	0.95	1	1	4.673562
Annual Perm 2_serv	BOBJ1	24	69	Before	Interior Girder 1	69	0.95	1	1	2.297648
Annual Perm 2_serv	BOBJ1	24	69	Before	Interior Girder 2	69	0.95	1	1	2.692529
Annual Perm 2_serv	BOBJ1	24	69	Before	Interior Girder 3	69	0.95	1	1	2.7644
Annual Perm 2_serv	BOBJ1	24	69	Before	Interior Girder 4	69	0.95	1	1	2.762884

TABLE: Bridge Super Rating AASHTORATE18 31 - SteelICompServ-Flx - Approach, Span 4-6										
Request	BridgeObj	BridgeCut	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	Unitless	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Annual Perm 2_serv	BOBJ1	24	69	Before	Interior Girder 5	69	0.95	1	1	2.68913
Annual Perm 2_serv	BOBJ1	24	69	Before	Interior Girder 6	69	0.95	1	1	2.298274
Annual Perm 2_serv	BOBJ1	25	69	After	Interior Girder 1	69	0.95	1	1	4.835853
Annual Perm 2_serv	BOBJ1	25	69	After	Interior Girder 2	69	0.95	1	1	5.598969
Annual Perm 2_serv	BOBJ1	25	69	After	Interior Girder 3	69	0.95	1	1	5.836711
Annual Perm 2_serv	BOBJ1	25	69	After	Interior Girder 4	69	0.95	1	1	5.833153
Annual Perm 2_serv	BOBJ1	25	69	After	Interior Girder 5	69	0.95	1	1	5.592158
Annual Perm 2_serv	BOBJ1	25	69	After	Interior Girder 6	69	0.95	1	1	4.837092
Annual Perm 2_serv	BOBJ1	26	72	Before	Left Exterior Girder	72	0.95	1	1	3.438334
Annual Perm 2_serv	BOBJ1	26	72	Before	Interior Girder 1	72	0.95	1	1	4.306764
Annual Perm 2_serv	BOBJ1	26	72	Before	Interior Girder 2	72	0.95	1	1	4.993199
Annual Perm 2_serv	BOBJ1	26	72	Before	Interior Girder 3	72	0.95	1	1	4.948275
Annual Perm 2_serv	BOBJ1	26	72	Before	Interior Girder 4	72	0.95	1	1	4.946154
Annual Perm 2_serv	BOBJ1	26	72	Before	Interior Girder 5	72	0.95	1	1	4.98615
Annual Perm 2_serv	BOBJ1	26	72	Before	Interior Girder 6	72	0.95	1	1	4.30823
Annual Perm 2_serv	BOBJ1	26	72	Before	Right Exterior Girder	72	0.95	1	1	3.441982
Annual Perm 2_serv	BOBJ1	27	72	After	Left Exterior Girder	72	0.95	1	1	3.464658
Annual Perm 2_serv	BOBJ1	27	72	After	Interior Girder 1	72	0.95	1	1	4.228249
Annual Perm 2_serv	BOBJ1	27	72	After	Interior Girder 2	72	0.95	1	1	4.935545
Annual Perm 2_serv	BOBJ1	27	72	After	Interior Girder 3	72	0.95	1	1	4.864963
Annual Perm 2_serv	BOBJ1	27	72	After	Interior Girder 4	72	0.95	1	1	4.864752
Annual Perm 2_serv	BOBJ1	27	72	After	Interior Girder 5	72	0.95	1	1	4.927402
Annual Perm 2_serv	BOBJ1	27	72	After	Interior Girder 6	72	0.95	1	1	4.230176
Annual Perm 2_serv	BOBJ1	27	72	After	Right Exterior Girder	72	0.95	1	1	3.468376
Annual Perm 2_serv	BOBJ1	28	72.5	Before	Left Exterior Girder	72.5	0.95	1	1	3.364211
Annual Perm 2_serv	BOBJ1	28	72.5	Before	Right Exterior Girder	72.5	0.95	1	1	3.367894
Annual Perm 2_serv	BOBJ1	29	72.5	After	Left Exterior Girder	72.5	0.95	1	1	5.006895
Annual Perm 2_serv	BOBJ1	29	72.5	After	Right Exterior Girder	72.5	0.95	1	1	5.012484
Annual Perm 2_serv	BOBJ1	30	80	Before	Left Exterior Girder	80	0.95	1	1	3.604643
Annual Perm 2_serv	BOBJ1	30	80	Before	Interior Girder 1	80	0.95	1	1	2.757599
Annual Perm 2_serv	BOBJ1	30	80	Before	Interior Girder 2	80	0.95	1	1	2.976115
Annual Perm 2_serv	BOBJ1	30	80	Before	Interior Girder 3	80	0.95	1	1	2.315813
Annual Perm 2_serv	BOBJ1	30	80	Before	Interior Girder 4	80	0.95	1	1	2.326331
Annual Perm 2_serv	BOBJ1	30	80	Before	Interior Girder 5	80	0.95	1	1	2.971086
Annual Perm 2_serv	BOBJ1	30	80	Before	Interior Girder 6	80	0.95	1	1	2.765424
Annual Perm 2_serv	BOBJ1	30	80	Before	Right Exterior Girder	80	0.95	1	1	3.609335
Annual Perm 2_serv	BOBJ1	31	80	After	Left Exterior Girder	0	0.95	1	1	3.551022
Annual Perm 2_serv	BOBJ1	31	80	After	Interior Girder 1	0	0.95	1	1	2.76891
Annual Perm 2_serv	BOBJ1	31	80	After	Interior Girder 2	0	0.95	1	1	2.965828
Annual Perm 2_serv	BOBJ1	31	80	After	Interior Girder 3	0	0.95	1	1	2.31093
Annual Perm 2_serv	BOBJ1	31	80	After	Interior Girder 4	0	0.95	1	1	2.321445
Annual Perm 2_serv	BOBJ1	31	80	After	Interior Girder 5	0	0.95	1	1	2.96087
Annual Perm 2_serv	BOBJ1	31	80	After	Interior Girder 6	0	0.95	1	1	2.771403
Annual Perm 2_serv	BOBJ1	31	80	After	Right Exterior Girder	0	0.95	1	1	3.555449
Annual Perm 2_serv	BOBJ1	32	87.5	Before	Left Exterior Girder	7.5	0.95	1	1	5.1489
Annual Perm 2_serv	BOBJ1	32	87.5	Before	Right Exterior Girder	7.5	0.95	1	1	5.1547
Annual Perm 2_serv	BOBJ1	33	87.5	After	Left Exterior Girder	7.5	0.95	1	1	3.415097
Annual Perm 2_serv	BOBJ1	33	87.5	After	Right Exterior Girder	7.5	0.95	1	1	3.418834
Annual Perm 2_serv	BOBJ1	34	88	Before	Left Exterior Girder	8	0.95	1	1	3.501583
Annual Perm 2_serv	BOBJ1	34	88	Before	Interior Girder 1	8	0.95	1	1	4.064417
Annual Perm 2_serv	BOBJ1	34	88	Before	Interior Girder 2	8	0.95	1	1	4.712941
Annual Perm 2_serv	BOBJ1	34	88	Before	Interior Girder 3	8	0.95	1	1	4.5802
Annual Perm 2_serv	BOBJ1	34	88	Before	Interior Girder 4	8	0.95	1	1	4.579268
Annual Perm 2_serv	BOBJ1	34	88	Before	Interior Girder 5	8	0.95	1	1	4.70598
Annual Perm 2_serv	BOBJ1	34	88	Before	Interior Girder 6	8	0.95	1	1	4.066109
Annual Perm 2_serv	BOBJ1	34	88	Before	Right Exterior Girder	8	0.95	1	1	3.505364
Annual Perm 2_serv	BOBJ1	35	88	After	Left Exterior Girder	8	0.95	1	1	3.509971
Annual Perm 2_serv	BOBJ1	35	88	After	Interior Girder 1	8	0.95	1	1	4.102456
Annual Perm 2_serv	BOBJ1	35	88	After	Interior Girder 2	8	0.95	1	1	4.757813
Annual Perm 2_serv	BOBJ1	35	88	After	Interior Girder 3	8	0.95	1	1	4.657775
Annual Perm 2_serv	BOBJ1	35	88	After	Interior Girder 4	8	0.95	1	1	4.655365
Annual Perm 2_serv	BOBJ1	35	88	After	Interior Girder 5	8	0.95	1	1	4.751955
Annual Perm 2_serv	BOBJ1	35	88	After	Interior Girder 6	8	0.95	1	1	4.103729
Annual Perm 2_serv	BOBJ1	35	88	After	Right Exterior Girder	8	0.95	1	1	3.513679
Annual Perm 2_serv	BOBJ1	36	91	Before	Interior Girder 1	11	0.95	1	1	4.553896
Annual Perm 2_serv	BOBJ1	36	91	Before	Interior Girder 2	11	0.95	1	1	5.320908
Annual Perm 2_serv	BOBJ1	36	91	Before	Interior Girder 3	11	0.95	1	1	5.485434
Annual Perm 2_serv	BOBJ1	36	91	Before	Interior Girder 4	11	0.95	1	1	5.481579
Annual Perm 2_serv	BOBJ1	36	91	Before	Interior Girder 5	11	0.95	1	1	5.315225
Annual Perm 2_serv	BOBJ1	36	91	Before	Interior Girder 6	11	0.95	1	1	4.554961
Annual Perm 2_serv	BOBJ1	37	91	After	Interior Girder 1	11	0.95	1	1	2.012991
Annual Perm 2_serv	BOBJ1	37	91	After	Interior Girder 2	11	0.95	1	1	2.384514
Annual Perm 2_serv	BOBJ1	37	91	After	Interior Girder 3	11	0.95	1	1	2.429067

TABLE: Bridge Super Rating AASHTORATE18 31 - SteelICompServ-Flx - Approach, Span 4-6										
Request	BridgeObj	BridgeCut	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	Unitless	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Annual Perm 2_serv	BOBJ1	37	91	After	Interior Girder 4	11	0.95	1	1	2.427583
Annual Perm 2_serv	BOBJ1	37	91	After	Interior Girder 5	11	0.95	1	1	2.381896
Annual Perm 2_serv	BOBJ1	37	91	After	Interior Girder 6	11	0.95	1	1	2.013497
Annual Perm 2_serv	BOBJ1	38	96	Before	Left Exterior Girder	16	0.95	1	1	4.896919
Annual Perm 2_serv	BOBJ1	38	96	Before	Interior Girder 1	16	0.95	1	1	2.584516
Annual Perm 2_serv	BOBJ1	38	96	Before	Interior Girder 2	16	0.95	1	1	3.065311
Annual Perm 2_serv	BOBJ1	38	96	Before	Interior Girder 3	16	0.95	1	1	3.495175
Annual Perm 2_serv	BOBJ1	38	96	Before	Interior Girder 4	16	0.95	1	1	3.491867
Annual Perm 2_serv	BOBJ1	38	96	Before	Interior Girder 5	16	0.95	1	1	3.062894
Annual Perm 2_serv	BOBJ1	38	96	Before	Interior Girder 6	16	0.95	1	1	2.584858
Annual Perm 2_serv	BOBJ1	38	96	Before	Right Exterior Girder	16	0.95	1	1	4.90098
Annual Perm 2_serv	BOBJ1	39	96	After	Left Exterior Girder	16	0.95	1	1	2.310858
Annual Perm 2_serv	BOBJ1	39	96	After	Interior Girder 1	16	0.95	1	1	2.616278
Annual Perm 2_serv	BOBJ1	39	96	After	Interior Girder 2	16	0.95	1	1	3.074248
Annual Perm 2_serv	BOBJ1	39	96	After	Interior Girder 3	16	0.95	1	1	3.455533
Annual Perm 2_serv	BOBJ1	39	96	After	Interior Girder 4	16	0.95	1	1	3.452671
Annual Perm 2_serv	BOBJ1	39	96	After	Interior Girder 5	16	0.95	1	1	3.071682
Annual Perm 2_serv	BOBJ1	39	96	After	Interior Girder 6	16	0.95	1	1	2.616603
Annual Perm 2_serv	BOBJ1	39	96	After	Right Exterior Girder	16	0.95	1	1	2.312863
Annual Perm 2_serv	BOBJ1	40	104	Before	Left Exterior Girder	24	0.95	1	1	3.503843
Annual Perm 2_serv	BOBJ1	40	104	Before	Interior Girder 1	24	0.95	1	1	3.546869
Annual Perm 2_serv	BOBJ1	40	104	Before	Interior Girder 2	24	0.95	1	1	3.761082
Annual Perm 2_serv	BOBJ1	40	104	Before	Interior Girder 3	24	0.95	1	1	3.64052
Annual Perm 2_serv	BOBJ1	40	104	Before	Interior Girder 4	24	0.95	1	1	3.658404
Annual Perm 2_serv	BOBJ1	40	104	Before	Interior Girder 5	24	0.95	1	1	3.758005
Annual Perm 2_serv	BOBJ1	40	104	Before	Interior Girder 6	24	0.95	1	1	3.554148
Annual Perm 2_serv	BOBJ1	40	104	Before	Right Exterior Girder	24	0.95	1	1	3.506073
Annual Perm 2_serv	BOBJ1	41	104	After	Left Exterior Girder	24	0.95	1	1	3.460014
Annual Perm 2_serv	BOBJ1	41	104	After	Interior Girder 1	24	0.95	1	1	3.465619
Annual Perm 2_serv	BOBJ1	41	104	After	Interior Girder 2	24	0.95	1	1	3.745241
Annual Perm 2_serv	BOBJ1	41	104	After	Interior Girder 3	24	0.95	1	1	3.7158
Annual Perm 2_serv	BOBJ1	41	104	After	Interior Girder 4	24	0.95	1	1	3.734689
Annual Perm 2_serv	BOBJ1	41	104	After	Interior Girder 5	24	0.95	1	1	3.742346
Annual Perm 2_serv	BOBJ1	41	104	After	Interior Girder 6	24	0.95	1	1	3.472076
Annual Perm 2_serv	BOBJ1	41	104	After	Right Exterior Girder	24	0.95	1	1	3.462386
Annual Perm 2_serv	BOBJ1	42	112	Before	Left Exterior Girder	32	0.95	1	1	2.436177
Annual Perm 2_serv	BOBJ1	42	112	Before	Interior Girder 1	32	0.95	1	1	2.71692
Annual Perm 2_serv	BOBJ1	42	112	Before	Interior Girder 2	32	0.95	1	1	3.11912
Annual Perm 2_serv	BOBJ1	42	112	Before	Interior Girder 3	32	0.95	1	1	3.237947
Annual Perm 2_serv	BOBJ1	42	112	Before	Interior Girder 4	32	0.95	1	1	3.242807
Annual Perm 2_serv	BOBJ1	42	112	Before	Interior Girder 5	32	0.95	1	1	3.123616
Annual Perm 2_serv	BOBJ1	42	112	Before	Interior Girder 6	32	0.95	1	1	2.714627
Annual Perm 2_serv	BOBJ1	42	112	Before	Right Exterior Girder	32	0.95	1	1	2.438676
Annual Perm 2_serv	BOBJ1	43	112	After	Left Exterior Girder	32	0.95	1	1	2.479276
Annual Perm 2_serv	BOBJ1	43	112	After	Interior Girder 1	32	0.95	1	1	2.686524
Annual Perm 2_serv	BOBJ1	43	112	After	Interior Girder 2	32	0.95	1	1	3.112087
Annual Perm 2_serv	BOBJ1	43	112	After	Interior Girder 3	32	0.95	1	1	3.268189
Annual Perm 2_serv	BOBJ1	43	112	After	Interior Girder 4	32	0.95	1	1	3.273574
Annual Perm 2_serv	BOBJ1	43	112	After	Interior Girder 5	32	0.95	1	1	3.116571
Annual Perm 2_serv	BOBJ1	43	112	After	Interior Girder 6	32	0.95	1	1	2.683837
Annual Perm 2_serv	BOBJ1	43	112	After	Right Exterior Girder	32	0.95	1	1	2.481727
Annual Perm 2_serv	BOBJ1	44	120	Before	Left Exterior Girder	40	0.95	1	1	2.258894
Annual Perm 2_serv	BOBJ1	44	120	Before	Interior Girder 1	40	0.95	1	1	2.336928
Annual Perm 2_serv	BOBJ1	44	120	Before	Interior Girder 2	40	0.95	1	1	2.682008
Annual Perm 2_serv	BOBJ1	44	120	Before	Interior Girder 3	40	0.95	1	1	2.711692
Annual Perm 2_serv	BOBJ1	44	120	Before	Interior Girder 4	40	0.95	1	1	2.723531
Annual Perm 2_serv	BOBJ1	44	120	Before	Interior Girder 5	40	0.95	1	1	2.682874
Annual Perm 2_serv	BOBJ1	44	120	Before	Interior Girder 6	40	0.95	1	1	2.33982
Annual Perm 2_serv	BOBJ1	44	120	Before	Right Exterior Girder	40	0.95	1	1	2.260911
Annual Perm 2_serv	BOBJ1	45	120	After	Left Exterior Girder	40	0.95	1	1	2.26168
Annual Perm 2_serv	BOBJ1	45	120	After	Interior Girder 1	40	0.95	1	1	2.334441
Annual Perm 2_serv	BOBJ1	45	120	After	Interior Girder 2	40	0.95	1	1	2.681251
Annual Perm 2_serv	BOBJ1	45	120	After	Interior Girder 3	40	0.95	1	1	2.712605
Annual Perm 2_serv	BOBJ1	45	120	After	Interior Girder 4	40	0.95	1	1	2.724456
Annual Perm 2_serv	BOBJ1	45	120	After	Interior Girder 5	40	0.95	1	1	2.681795
Annual Perm 2_serv	BOBJ1	45	120	After	Interior Girder 6	40	0.95	1	1	2.337298
Annual Perm 2_serv	BOBJ1	45	120	After	Right Exterior Girder	40	0.95	1	1	2.263759
Annual Perm 2_serv	BOBJ1	46	128	Before	Left Exterior Girder	48	0.95	1	1	2.437664
Annual Perm 2_serv	BOBJ1	46	128	Before	Interior Girder 1	48	0.95	1	1	2.662357
Annual Perm 2_serv	BOBJ1	46	128	Before	Interior Girder 2	48	0.95	1	1	3.088997
Annual Perm 2_serv	BOBJ1	46	128	Before	Interior Girder 3	48	0.95	1	1	3.249123
Annual Perm 2_serv	BOBJ1	46	128	Before	Interior Girder 4	48	0.95	1	1	3.253689
Annual Perm 2_serv	BOBJ1	46	128	Before	Interior Girder 5	48	0.95	1	1	3.093465

TABLE: Bridge Super Rating AASHTORATE18 31 - SteelICompServ-Flx - Approach, Span 4-6										
Request	BridgeObj	BridgeCut	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	Unitless	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Annual Perm 2_serv	BOBJ1	46	128	Before	Interior Girder 6	48	0.95	1	1	2.659985
Annual Perm 2_serv	BOBJ1	46	128	Before	Right Exterior Girder	48	0.95	1	1	2.440061
Annual Perm 2_serv	BOBJ1	47	128	After	Left Exterior Girder	48	0.95	1	1	2.401621
Annual Perm 2_serv	BOBJ1	47	128	After	Interior Girder 1	48	0.95	1	1	2.685242
Annual Perm 2_serv	BOBJ1	47	128	After	Interior Girder 2	48	0.95	1	1	3.094843
Annual Perm 2_serv	BOBJ1	47	128	After	Interior Girder 3	48	0.95	1	1	3.220383
Annual Perm 2_serv	BOBJ1	47	128	After	Interior Girder 4	48	0.95	1	1	3.225119
Annual Perm 2_serv	BOBJ1	47	128	After	Interior Girder 5	48	0.95	1	1	3.099338
Annual Perm 2_serv	BOBJ1	47	128	After	Interior Girder 6	48	0.95	1	1	2.683392
Annual Perm 2_serv	BOBJ1	47	128	After	Right Exterior Girder	48	0.95	1	1	2.404064
Annual Perm 2_serv	BOBJ1	48	136	Before	Left Exterior Girder	56	0.95	1	1	3.398662
Annual Perm 2_serv	BOBJ1	48	136	Before	Interior Girder 1	56	0.95	1	1	3.395833
Annual Perm 2_serv	BOBJ1	48	136	Before	Interior Girder 2	56	0.95	1	1	3.688306
Annual Perm 2_serv	BOBJ1	48	136	Before	Interior Girder 3	56	0.95	1	1	3.666705
Annual Perm 2_serv	BOBJ1	48	136	Before	Interior Girder 4	56	0.95	1	1	3.684868
Annual Perm 2_serv	BOBJ1	48	136	Before	Interior Girder 5	56	0.95	1	1	3.685375
Annual Perm 2_serv	BOBJ1	48	136	Before	Interior Girder 6	56	0.95	1	1	3.402633
Annual Perm 2_serv	BOBJ1	48	136	Before	Right Exterior Girder	56	0.95	1	1	3.400882
Annual Perm 2_serv	BOBJ1	49	136	After	Left Exterior Girder	56	0.95	1	1	3.453406
Annual Perm 2_serv	BOBJ1	49	136	After	Interior Girder 1	56	0.95	1	1	3.467795
Annual Perm 2_serv	BOBJ1	49	136	After	Interior Girder 2	56	0.95	1	1	3.70372
Annual Perm 2_serv	BOBJ1	49	136	After	Interior Girder 3	56	0.95	1	1	3.595921
Annual Perm 2_serv	BOBJ1	49	136	After	Interior Girder 4	56	0.95	1	1	3.613469
Annual Perm 2_serv	BOBJ1	49	136	After	Interior Girder 5	56	0.95	1	1	3.700709
Annual Perm 2_serv	BOBJ1	49	136	After	Interior Girder 6	56	0.95	1	1	3.475209
Annual Perm 2_serv	BOBJ1	49	136	After	Right Exterior Girder	56	0.95	1	1	3.455495
Annual Perm 2_serv	BOBJ1	50	144	Before	Left Exterior Girder	64	0.95	1	1	2.286013
Annual Perm 2_serv	BOBJ1	50	144	Before	Interior Girder 1	64	0.95	1	1	2.572846
Annual Perm 2_serv	BOBJ1	50	144	Before	Interior Girder 2	64	0.95	1	1	3.028899
Annual Perm 2_serv	BOBJ1	50	144	Before	Interior Girder 3	64	0.95	1	1	3.480765
Annual Perm 2_serv	BOBJ1	50	144	Before	Interior Girder 4	64	0.95	1	1	3.478062
Annual Perm 2_serv	BOBJ1	50	144	Before	Interior Girder 5	64	0.95	1	1	3.026516
Annual Perm 2_serv	BOBJ1	50	144	Before	Interior Girder 6	64	0.95	1	1	2.573156
Annual Perm 2_serv	BOBJ1	50	144	Before	Right Exterior Girder	64	0.95	1	1	2.28789
Annual Perm 2_serv	BOBJ1	51	144	After	Left Exterior Girder	64	0.95	1	1	4.477118
Annual Perm 2_serv	BOBJ1	51	144	After	Interior Girder 1	64	0.95	1	1	2.535146
Annual Perm 2_serv	BOBJ1	51	144	After	Interior Girder 2	64	0.95	1	1	3.017483
Annual Perm 2_serv	BOBJ1	51	144	After	Interior Girder 3	64	0.95	1	1	3.516509
Annual Perm 2_serv	BOBJ1	51	144	After	Interior Girder 4	64	0.95	1	1	3.513328
Annual Perm 2_serv	BOBJ1	51	144	After	Interior Girder 5	64	0.95	1	1	3.015214
Annual Perm 2_serv	BOBJ1	51	144	After	Interior Girder 6	64	0.95	1	1	2.535472
Annual Perm 2_serv	BOBJ1	51	144	After	Right Exterior Girder	64	0.95	1	1	4.480639
Annual Perm 2_serv	BOBJ1	52	150	Before	Interior Girder 1	70	0.95	1	1	1.866848
Annual Perm 2_serv	BOBJ1	52	150	Before	Interior Girder 2	70	0.95	1	1	2.226725
Annual Perm 2_serv	BOBJ1	52	150	Before	Interior Girder 3	70	0.95	1	1	2.28137
Annual Perm 2_serv	BOBJ1	52	150	Before	Interior Girder 4	70	0.95	1	1	2.280215
Annual Perm 2_serv	BOBJ1	52	150	Before	Interior Girder 5	70	0.95	1	1	2.224246
Annual Perm 2_serv	BOBJ1	52	150	Before	Interior Girder 6	70	0.95	1	1	1.867332
Annual Perm 2_serv	BOBJ1	53	150	After	Interior Girder 1	70	0.95	1	1	4.045195
Annual Perm 2_serv	BOBJ1	53	150	After	Interior Girder 2	70	0.95	1	1	4.736939
Annual Perm 2_serv	BOBJ1	53	150	After	Interior Girder 3	70	0.95	1	1	4.915395
Annual Perm 2_serv	BOBJ1	53	150	After	Interior Girder 4	70	0.95	1	1	4.912434
Annual Perm 2_serv	BOBJ1	53	150	After	Interior Girder 5	70	0.95	1	1	4.731772
Annual Perm 2_serv	BOBJ1	53	150	After	Interior Girder 6	70	0.95	1	1	4.046202
Annual Perm 2_serv	BOBJ1	54	152	Before	Left Exterior Girder	72	0.95	1	1	3.161269
Annual Perm 2_serv	BOBJ1	54	152	Before	Interior Girder 1	72	0.95	1	1	3.749524
Annual Perm 2_serv	BOBJ1	54	152	Before	Interior Girder 2	72	0.95	1	1	4.388665
Annual Perm 2_serv	BOBJ1	54	152	Before	Interior Girder 3	72	0.95	1	1	4.399999
Annual Perm 2_serv	BOBJ1	54	152	Before	Interior Girder 4	72	0.95	1	1	4.397944
Annual Perm 2_serv	BOBJ1	54	152	Before	Interior Girder 5	72	0.95	1	1	4.383414
Annual Perm 2_serv	BOBJ1	54	152	Before	Interior Girder 6	72	0.95	1	1	3.75061
Annual Perm 2_serv	BOBJ1	54	152	Before	Right Exterior Girder	72	0.95	1	1	3.164461
Annual Perm 2_serv	BOBJ1	55	152	After	Left Exterior Girder	72	0.95	1	1	3.175058
Annual Perm 2_serv	BOBJ1	55	152	After	Interior Girder 1	72	0.95	1	1	3.710641
Annual Perm 2_serv	BOBJ1	55	152	After	Interior Girder 2	72	0.95	1	1	4.346534
Annual Perm 2_serv	BOBJ1	55	152	After	Interior Girder 3	72	0.95	1	1	4.33181
Annual Perm 2_serv	BOBJ1	55	152	After	Interior Girder 4	72	0.95	1	1	4.330647
Annual Perm 2_serv	BOBJ1	55	152	After	Interior Girder 5	72	0.95	1	1	4.340851
Annual Perm 2_serv	BOBJ1	55	152	After	Interior Girder 6	72	0.95	1	1	3.712072
Annual Perm 2_serv	BOBJ1	55	152	After	Right Exterior Girder	72	0.95	1	1	3.178319
Annual Perm 2_serv	BOBJ1	56	154	Before	Left Exterior Girder	74	0.95	1	1	2.847412
Annual Perm 2_serv	BOBJ1	56	154	Before	Right Exterior Girder	74	0.95	1	1	2.850508
Annual Perm 2_serv	BOBJ1	57	154	After	Left Exterior Girder	74	0.95	1	1	4.308443

TABLE: Bridge Super Rating AASHTORATE18 31 - SteelICompServ-Flx - Approach, Span 4-6										
Request	BridgeObj	BridgeCut	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	Unitless	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Annual Perm 2_serv	BOBJ1	57	154	After	Right Exterior Girder	74	0.95	1	1	4.31324
Annual Perm 2_serv	BOBJ1	58	160	Before	Left Exterior Girder	80	0.95	1	1	3.287746
Annual Perm 2_serv	BOBJ1	58	160	Before	Interior Girder 1	80	0.95	1	1	2.541321
Annual Perm 2_serv	BOBJ1	58	160	Before	Interior Girder 2	80	0.95	1	1	2.781054
Annual Perm 2_serv	BOBJ1	58	160	Before	Interior Girder 3	80	0.95	1	1	2.187514
Annual Perm 2_serv	BOBJ1	58	160	Before	Interior Girder 4	80	0.95	1	1	2.197594
Annual Perm 2_serv	BOBJ1	58	160	Before	Interior Girder 5	80	0.95	1	1	2.778146
Annual Perm 2_serv	BOBJ1	58	160	Before	Interior Girder 6	80	0.95	1	1	2.544566
Annual Perm 2_serv	BOBJ1	58	160	Before	Right Exterior Girder	80	0.95	1	1	3.291846
Annual Perm 2_serv	BOBJ1	59	160	After	Left Exterior Girder	0	0.95	1	1	3.18291
Annual Perm 2_serv	BOBJ1	59	160	After	Interior Girder 1	0	0.95	1	1	2.50227
Annual Perm 2_serv	BOBJ1	59	160	After	Interior Girder 2	0	0.95	1	1	2.763061
Annual Perm 2_serv	BOBJ1	59	160	After	Interior Girder 3	0	0.95	1	1	2.167168
Annual Perm 2_serv	BOBJ1	59	160	After	Interior Girder 4	0	0.95	1	1	2.177159
Annual Perm 2_serv	BOBJ1	59	160	After	Interior Girder 5	0	0.95	1	1	2.758538
Annual Perm 2_serv	BOBJ1	59	160	After	Interior Girder 6	0	0.95	1	1	2.509058
Annual Perm 2_serv	BOBJ1	59	160	After	Right Exterior Girder	0	0.95	1	1	3.186736
Annual Perm 2_serv	BOBJ1	60	166	Before	Left Exterior Girder	6	0.95	1	1	4.572263
Annual Perm 2_serv	BOBJ1	60	166	Before	Right Exterior Girder	6	0.95	1	1	4.577582
Annual Perm 2_serv	BOBJ1	61	166	After	Left Exterior Girder	6	0.95	1	1	3.04699
Annual Perm 2_serv	BOBJ1	61	166	After	Right Exterior Girder	6	0.95	1	1	3.050467
Annual Perm 2_serv	BOBJ1	62	168	Before	Left Exterior Girder	8	0.95	1	1	3.404926
Annual Perm 2_serv	BOBJ1	62	168	Before	Interior Girder 1	8	0.95	1	1	4.119182
Annual Perm 2_serv	BOBJ1	62	168	Before	Interior Girder 2	8	0.95	1	1	4.821593
Annual Perm 2_serv	BOBJ1	62	168	Before	Interior Girder 3	8	0.95	1	1	4.744362
Annual Perm 2_serv	BOBJ1	62	168	Before	Interior Girder 4	8	0.95	1	1	4.743619
Annual Perm 2_serv	BOBJ1	62	168	Before	Interior Girder 5	8	0.95	1	1	4.814329
Annual Perm 2_serv	BOBJ1	62	168	Before	Interior Girder 6	8	0.95	1	1	4.121334
Annual Perm 2_serv	BOBJ1	62	168	Before	Right Exterior Girder	8	0.95	1	1	3.408593
Annual Perm 2_serv	BOBJ1	63	168	After	Left Exterior Girder	8	0.95	1	1	3.365064
Annual Perm 2_serv	BOBJ1	63	168	After	Interior Girder 1	8	0.95	1	1	4.198944
Annual Perm 2_serv	BOBJ1	63	168	After	Interior Girder 2	8	0.95	1	1	4.873175
Annual Perm 2_serv	BOBJ1	63	168	After	Interior Girder 3	8	0.95	1	1	4.824792
Annual Perm 2_serv	BOBJ1	63	168	After	Interior Girder 4	8	0.95	1	1	4.822672
Annual Perm 2_serv	BOBJ1	63	168	After	Interior Girder 5	8	0.95	1	1	4.866905
Annual Perm 2_serv	BOBJ1	63	168	After	Interior Girder 6	8	0.95	1	1	4.200583
Annual Perm 2_serv	BOBJ1	63	168	After	Right Exterior Girder	8	0.95	1	1	3.368645
Annual Perm 2_serv	BOBJ1	64	170	Before	Interior Girder 1	10	0.95	1	1	4.553881
Annual Perm 2_serv	BOBJ1	64	170	Before	Interior Girder 2	10	0.95	1	1	5.273971
Annual Perm 2_serv	BOBJ1	64	170	Before	Interior Girder 3	10	0.95	1	1	5.407124
Annual Perm 2_serv	BOBJ1	64	170	Before	Interior Girder 4	10	0.95	1	1	5.404044
Annual Perm 2_serv	BOBJ1	64	170	Before	Interior Girder 5	10	0.95	1	1	5.267804
Annual Perm 2_serv	BOBJ1	64	170	Before	Interior Girder 6	10	0.95	1	1	4.555374
Annual Perm 2_serv	BOBJ1	65	170	After	Interior Girder 1	10	0.95	1	1	2.24091
Annual Perm 2_serv	BOBJ1	65	170	After	Interior Girder 2	10	0.95	1	1	2.638882
Annual Perm 2_serv	BOBJ1	65	170	After	Interior Girder 3	10	0.95	1	1	2.661923
Annual Perm 2_serv	BOBJ1	65	170	After	Interior Girder 4	10	0.95	1	1	2.660554
Annual Perm 2_serv	BOBJ1	65	170	After	Interior Girder 5	10	0.95	1	1	2.635704
Annual Perm 2_serv	BOBJ1	65	170	After	Interior Girder 6	10	0.95	1	1	2.241678
Annual Perm 2_serv	BOBJ1	66	176	Before	Left Exterior Girder	16	0.95	1	1	4.67281
Annual Perm 2_serv	BOBJ1	66	176	Before	Interior Girder 1	16	0.95	1	1	3.108544
Annual Perm 2_serv	BOBJ1	66	176	Before	Interior Girder 2	16	0.95	1	1	3.626437
Annual Perm 2_serv	BOBJ1	66	176	Before	Interior Girder 3	16	0.95	1	1	4.142512
Annual Perm 2_serv	BOBJ1	66	176	Before	Interior Girder 4	16	0.95	1	1	4.138738
Annual Perm 2_serv	BOBJ1	66	176	Before	Interior Girder 5	16	0.95	1	1	3.623308
Annual Perm 2_serv	BOBJ1	66	176	Before	Interior Girder 6	16	0.95	1	1	3.109
Annual Perm 2_serv	BOBJ1	66	176	Before	Right Exterior Girder	16	0.95	1	1	4.676795
Annual Perm 2_serv	BOBJ1	67	176	After	Left Exterior Girder	16	0.95	1	1	4.627664
Annual Perm 2_serv	BOBJ1	67	176	After	Interior Girder 1	16	0.95	1	1	3.142373
Annual Perm 2_serv	BOBJ1	67	176	After	Interior Girder 2	16	0.95	1	1	3.645281
Annual Perm 2_serv	BOBJ1	67	176	After	Interior Girder 3	16	0.95	1	1	4.132021
Annual Perm 2_serv	BOBJ1	67	176	After	Interior Girder 4	16	0.95	1	1	4.128758
Annual Perm 2_serv	BOBJ1	67	176	After	Interior Girder 5	16	0.95	1	1	3.64225
Annual Perm 2_serv	BOBJ1	67	176	After	Interior Girder 6	16	0.95	1	1	3.142806
Annual Perm 2_serv	BOBJ1	67	176	After	Right Exterior Girder	16	0.95	1	1	4.631652
Annual Perm 2_serv	BOBJ1	68	181	Before	Interior Girder 1	21	0.95	1	1	2.917815
Annual Perm 2_serv	BOBJ1	68	181	Before	Interior Girder 2	21	0.95	1	1	3.115504
Annual Perm 2_serv	BOBJ1	68	181	Before	Interior Girder 3	21	0.95	1	1	3.056616
Annual Perm 2_serv	BOBJ1	68	181	Before	Interior Girder 4	21	0.95	1	1	3.069805
Annual Perm 2_serv	BOBJ1	68	181	Before	Interior Girder 5	21	0.95	1	1	3.114661
Annual Perm 2_serv	BOBJ1	68	181	Before	Interior Girder 6	21	0.95	1	1	2.922343
Annual Perm 2_serv	BOBJ1	69	181	After	Interior Girder 1	21	0.95	1	1	4.663791
Annual Perm 2_serv	BOBJ1	69	181	After	Interior Girder 2	21	0.95	1	1	4.926453

TABLE: Bridge Super Rating AASHTORATE18 31 - SteelICompServ-Flx - Approach, Span 4-6										
Request	BridgeObj	BridgeCut	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	Unitless	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Annual Perm 2_serv	BOBJ1	69	181	After	Interior Girder 3	21	0.95	1	1	4.98227
Annual Perm 2_serv	BOBJ1	69	181	After	Interior Girder 4	21	0.95	1	1	5.004404
Annual Perm 2_serv	BOBJ1	69	181	After	Interior Girder 5	21	0.95	1	1	4.922756
Annual Perm 2_serv	BOBJ1	69	181	After	Interior Girder 6	21	0.95	1	1	4.671079
Annual Perm 2_serv	BOBJ1	70	184	Before	Left Exterior Girder	24	0.95	1	1	3.473391
Annual Perm 2_serv	BOBJ1	70	184	Before	Interior Girder 1	24	0.95	1	1	3.735611
Annual Perm 2_serv	BOBJ1	70	184	Before	Interior Girder 2	24	0.95	1	1	4.045502
Annual Perm 2_serv	BOBJ1	70	184	Before	Interior Girder 3	24	0.95	1	1	4.066462
Annual Perm 2_serv	BOBJ1	70	184	Before	Interior Girder 4	24	0.95	1	1	4.083171
Annual Perm 2_serv	BOBJ1	70	184	Before	Interior Girder 5	24	0.95	1	1	4.03819
Annual Perm 2_serv	BOBJ1	70	184	Before	Interior Girder 6	24	0.95	1	1	3.742344
Annual Perm 2_serv	BOBJ1	70	184	Before	Right Exterior Girder	24	0.95	1	1	3.476206
Annual Perm 2_serv	BOBJ1	71	184	After	Left Exterior Girder	24	0.95	1	1	3.528114
Annual Perm 2_serv	BOBJ1	71	184	After	Interior Girder 1	24	0.95	1	1	3.675438
Annual Perm 2_serv	BOBJ1	71	184	After	Interior Girder 2	24	0.95	1	1	4.038892
Annual Perm 2_serv	BOBJ1	71	184	After	Interior Girder 3	24	0.95	1	1	4.131707
Annual Perm 2_serv	BOBJ1	71	184	After	Interior Girder 4	24	0.95	1	1	4.14888
Annual Perm 2_serv	BOBJ1	71	184	After	Interior Girder 5	24	0.95	1	1	4.034191
Annual Perm 2_serv	BOBJ1	71	184	After	Interior Girder 6	24	0.95	1	1	3.681779
Annual Perm 2_serv	BOBJ1	71	184	After	Right Exterior Girder	24	0.95	1	1	3.530662
Annual Perm 2_serv	BOBJ1	72	192	Before	Left Exterior Girder	32	0.95	1	1	2.49737
Annual Perm 2_serv	BOBJ1	72	192	Before	Interior Girder 1	32	0.95	1	1	2.664484
Annual Perm 2_serv	BOBJ1	72	192	Before	Interior Girder 2	32	0.95	1	1	3.132586
Annual Perm 2_serv	BOBJ1	72	192	Before	Interior Girder 3	32	0.95	1	1	3.292453
Annual Perm 2_serv	BOBJ1	72	192	Before	Interior Girder 4	32	0.95	1	1	3.29764
Annual Perm 2_serv	BOBJ1	72	192	Before	Interior Girder 5	32	0.95	1	1	3.136984
Annual Perm 2_serv	BOBJ1	72	192	Before	Interior Girder 6	32	0.95	1	1	2.663427
Annual Perm 2_serv	BOBJ1	72	192	Before	Right Exterior Girder	32	0.95	1	1	2.499866
Annual Perm 2_serv	BOBJ1	73	192	After	Left Exterior Girder	32	0.95	1	1	2.523328
Annual Perm 2_serv	BOBJ1	73	192	After	Interior Girder 1	32	0.95	1	1	2.629547
Annual Perm 2_serv	BOBJ1	73	192	After	Interior Girder 2	32	0.95	1	1	3.12298
Annual Perm 2_serv	BOBJ1	73	192	After	Interior Girder 3	32	0.95	1	1	3.322741
Annual Perm 2_serv	BOBJ1	73	192	After	Interior Girder 4	32	0.95	1	1	3.326943
Annual Perm 2_serv	BOBJ1	73	192	After	Interior Girder 5	32	0.95	1	1	3.12765
Annual Perm 2_serv	BOBJ1	73	192	After	Interior Girder 6	32	0.95	1	1	2.628403
Annual Perm 2_serv	BOBJ1	73	192	After	Right Exterior Girder	32	0.95	1	1	2.52576
Annual Perm 2_serv	BOBJ1	74	200	Before	Left Exterior Girder	40	0.95	1	1	2.128176
Annual Perm 2_serv	BOBJ1	74	200	Before	Interior Girder 1	40	0.95	1	1	2.105472
Annual Perm 2_serv	BOBJ1	74	200	Before	Interior Girder 2	40	0.95	1	1	2.487892
Annual Perm 2_serv	BOBJ1	74	200	Before	Interior Girder 3	40	0.95	1	1	2.605986
Annual Perm 2_serv	BOBJ1	74	200	Before	Interior Girder 4	40	0.95	1	1	2.611497
Annual Perm 2_serv	BOBJ1	74	200	Before	Interior Girder 5	40	0.95	1	1	2.487432
Annual Perm 2_serv	BOBJ1	74	200	Before	Interior Girder 6	40	0.95	1	1	2.10787
Annual Perm 2_serv	BOBJ1	74	200	Before	Right Exterior Girder	40	0.95	1	1	2.130007
Annual Perm 2_serv	BOBJ1	75	200	After	Left Exterior Girder	40	0.95	1	1	2.146113
Annual Perm 2_serv	BOBJ1	75	200	After	Interior Girder 1	40	0.95	1	1	2.091833
Annual Perm 2_serv	BOBJ1	75	200	After	Interior Girder 2	40	0.95	1	1	2.485132
Annual Perm 2_serv	BOBJ1	75	200	After	Interior Girder 3	40	0.95	1	1	2.603593
Annual Perm 2_serv	BOBJ1	75	200	After	Interior Girder 4	40	0.95	1	1	2.612599
Annual Perm 2_serv	BOBJ1	75	200	After	Interior Girder 5	40	0.95	1	1	2.483353
Annual Perm 2_serv	BOBJ1	75	200	After	Interior Girder 6	40	0.95	1	1	2.094274
Annual Perm 2_serv	BOBJ1	75	200	After	Right Exterior Girder	40	0.95	1	1	2.147886
Annual Perm 2_serv	BOBJ1	76	208	Before	Left Exterior Girder	48	0.95	1	1	2.014002
Annual Perm 2_serv	BOBJ1	76	208	Before	Interior Girder 1	48	0.95	1	1	2.053902
Annual Perm 2_serv	BOBJ1	76	208	Before	Interior Girder 2	48	0.95	1	1	2.500826
Annual Perm 2_serv	BOBJ1	76	208	Before	Interior Girder 3	48	0.95	1	1	2.692954
Annual Perm 2_serv	BOBJ1	76	208	Before	Interior Girder 4	48	0.95	1	1	2.696298
Annual Perm 2_serv	BOBJ1	76	208	Before	Interior Girder 5	48	0.95	1	1	2.502597
Annual Perm 2_serv	BOBJ1	76	208	Before	Interior Girder 6	48	0.95	1	1	2.053236
Annual Perm 2_serv	BOBJ1	76	208	Before	Right Exterior Girder	48	0.95	1	1	2.015816
Annual Perm 2_serv	BOBJ1	77	208	After	Left Exterior Girder	48	0.95	1	1	2.002349
Annual Perm 2_serv	BOBJ1	77	208	After	Interior Girder 1	48	0.95	1	1	2.055188
Annual Perm 2_serv	BOBJ1	77	208	After	Interior Girder 2	48	0.95	1	1	2.505388
Annual Perm 2_serv	BOBJ1	77	208	After	Interior Girder 3	48	0.95	1	1	2.679012
Annual Perm 2_serv	BOBJ1	77	208	After	Interior Girder 4	48	0.95	1	1	2.681793
Annual Perm 2_serv	BOBJ1	77	208	After	Interior Girder 5	48	0.95	1	1	2.509168
Annual Perm 2_serv	BOBJ1	77	208	After	Interior Girder 6	48	0.95	1	1	2.054644
Annual Perm 2_serv	BOBJ1	77	208	After	Right Exterior Girder	48	0.95	1	1	2.00419
Annual Perm 2_serv	BOBJ1	78	216	Before	Left Exterior Girder	56	0.95	1	1	2.3518
Annual Perm 2_serv	BOBJ1	78	216	Before	Interior Girder 1	56	0.95	1	1	2.193606
Annual Perm 2_serv	BOBJ1	78	216	Before	Interior Girder 2	56	0.95	1	1	2.564435
Annual Perm 2_serv	BOBJ1	78	216	Before	Interior Girder 3	56	0.95	1	1	2.67165
Annual Perm 2_serv	BOBJ1	78	216	Before	Interior Girder 4	56	0.95	1	1	2.680551

TABLE: Bridge Super Rating AASHTORATE18 31 - SteelICompServ-Flx - Approach, Span 4-6										
Request	BridgeObj	BridgeCut	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	Unitless	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Annual Perm 2_serv	BOBJ1	78	216	Before	Interior Girder 5	56	0.95	1	1	2.559435
Annual Perm 2_serv	BOBJ1	78	216	Before	Interior Girder 6	56	0.95	1	1	2.196614
Annual Perm 2_serv	BOBJ1	78	216	Before	Right Exterior Girder	56	0.95	1	1	2.353605
Annual Perm 2_serv	BOBJ1	79	216	After	Left Exterior Girder	56	0.95	1	1	2.305706
Annual Perm 2_serv	BOBJ1	79	216	After	Interior Girder 1	56	0.95	1	1	2.212269
Annual Perm 2_serv	BOBJ1	79	216	After	Interior Girder 2	56	0.95	1	1	2.574252
Annual Perm 2_serv	BOBJ1	79	216	After	Interior Girder 3	56	0.95	1	1	2.632905
Annual Perm 2_serv	BOBJ1	79	216	After	Interior Girder 4	56	0.95	1	1	2.639625
Annual Perm 2_serv	BOBJ1	79	216	After	Interior Girder 5	56	0.95	1	1	2.569592
Annual Perm 2_serv	BOBJ1	79	216	After	Interior Girder 6	56	0.95	1	1	2.215324
Annual Perm 2_serv	BOBJ1	79	216	After	Right Exterior Girder	56	0.95	1	1	2.30768
Annual Perm 2_serv	BOBJ1	80	224	Before	Left Exterior Girder	64	0.95	1	1	3.138689
Annual Perm 2_serv	BOBJ1	80	224	Before	Interior Girder 1	64	0.95	1	1	3.058737
Annual Perm 2_serv	BOBJ1	80	224	Before	Interior Girder 2	64	0.95	1	1	3.564915
Annual Perm 2_serv	BOBJ1	80	224	Before	Interior Girder 3	64	0.95	1	1	3.716745
Annual Perm 2_serv	BOBJ1	80	224	Before	Interior Girder 4	64	0.95	1	1	3.7241
Annual Perm 2_serv	BOBJ1	80	224	Before	Interior Girder 5	64	0.95	1	1	3.568092
Annual Perm 2_serv	BOBJ1	80	224	Before	Interior Girder 6	64	0.95	1	1	3.057713
Annual Perm 2_serv	BOBJ1	80	224	Before	Right Exterior Girder	64	0.95	1	1	3.141476
Annual Perm 2_serv	BOBJ1	81	224	After	Left Exterior Girder	64	0.95	1	1	3.078498
Annual Perm 2_serv	BOBJ1	81	224	After	Interior Girder 1	64	0.95	1	1	3.114128
Annual Perm 2_serv	BOBJ1	81	224	After	Interior Girder 2	64	0.95	1	1	3.567692
Annual Perm 2_serv	BOBJ1	81	224	After	Interior Girder 3	64	0.95	1	1	3.60041
Annual Perm 2_serv	BOBJ1	81	224	After	Interior Girder 4	64	0.95	1	1	3.607723
Annual Perm 2_serv	BOBJ1	81	224	After	Interior Girder 5	64	0.95	1	1	3.569231
Annual Perm 2_serv	BOBJ1	81	224	After	Interior Girder 6	64	0.95	1	1	3.113154
Annual Perm 2_serv	BOBJ1	81	224	After	Right Exterior Girder	64	0.95	1	1	3.081649
Annual Perm 2_serv	BOBJ1	82	232	Before	Left Exterior Girder	72	0.95	1	1	5.787889
Annual Perm 2_serv	BOBJ1	82	232	Before	Interior Girder 1	72	0.95	1	1	5.597599
Annual Perm 2_serv	BOBJ1	82	232	Before	Interior Girder 2	72	0.95	1	1	6.05751
Annual Perm 2_serv	BOBJ1	82	232	Before	Interior Girder 3	72	0.95	1	1	6.198704
Annual Perm 2_serv	BOBJ1	82	232	Before	Interior Girder 4	72	0.95	1	1	6.236621
Annual Perm 2_serv	BOBJ1	82	232	Before	Interior Girder 5	72	0.95	1	1	6.056344
Annual Perm 2_serv	BOBJ1	82	232	Before	Interior Girder 6	72	0.95	1	1	5.607122
Annual Perm 2_serv	BOBJ1	82	232	Before	Right Exterior Girder	72	0.95	1	1	5.798308
Annual Perm 2_serv	BOBJ1	83	232	After	Left Exterior Girder	72	0.95	1	1	5.693558
Annual Perm 2_serv	BOBJ1	83	232	After	Interior Girder 1	72	0.95	1	1	5.666381
Annual Perm 2_serv	BOBJ1	83	232	After	Interior Girder 2	72	0.95	1	1	5.95896
Annual Perm 2_serv	BOBJ1	83	232	After	Interior Girder 3	72	0.95	1	1	5.806565
Annual Perm 2_serv	BOBJ1	83	232	After	Interior Girder 4	72	0.95	1	1	5.845672
Annual Perm 2_serv	BOBJ1	83	232	After	Interior Girder 5	72	0.95	1	1	5.953573
Annual Perm 2_serv	BOBJ1	83	232	After	Interior Girder 6	72	0.95	1	1	5.678213
Annual Perm 2_serv	BOBJ1	83	232	After	Right Exterior Girder	72	0.95	1	1	5.701843
Annual Perm 2_serv	BOBJ1	84	240	Before	Left Exterior Girder	80	0.95	1	1	42.513921
Annual Perm 2_serv	BOBJ1	84	240	Before	Interior Girder 1	80	0.95	1	1	32.783956
Annual Perm 2_serv	BOBJ1	84	240	Before	Interior Girder 2	80	0.95	1	1	26.502727
Annual Perm 2_serv	BOBJ1	84	240	Before	Interior Girder 3	80	0.95	1	1	17.235569
Annual Perm 2_serv	BOBJ1	84	240	Before	Interior Girder 4	80	0.95	1	1	17.416902
Annual Perm 2_serv	BOBJ1	84	240	Before	Interior Girder 5	80	0.95	1	1	26.222327
Annual Perm 2_serv	BOBJ1	84	240	Before	Interior Girder 6	80	0.95	1	1	32.935069
Annual Perm 2_serv	BOBJ1	84	240	Before	Right Exterior Girder	80	0.95	1	1	42.513921
Overweight Permit_serv	BOBJ1	1	0	After	Left Exterior Girder	0	0.95	1	1	326.659399
Overweight Permit_serv	BOBJ1	1	0	After	Interior Girder 1	0	0.95	1	1	529.684869
Overweight Permit_serv	BOBJ1	1	0	After	Interior Girder 2	0	0.95	1	1	362.654729
Overweight Permit_serv	BOBJ1	1	0	After	Interior Girder 3	0	0.95	1	1	239.702197
Overweight Permit_serv	BOBJ1	1	0	After	Interior Girder 4	0	0.95	1	1	242.025336
Overweight Permit_serv	BOBJ1	1	0	After	Interior Girder 5	0	0.95	1	1	360.100654
Overweight Permit_serv	BOBJ1	1	0	After	Interior Girder 6	0	0.95	1	1	513.497932
Overweight Permit_serv	BOBJ1	1	0	After	Right Exterior Girder	0	0.95	1	1	326.659398
Overweight Permit_serv	BOBJ1	2	8	Before	Left Exterior Girder	8	0.95	1	1	6.004627
Overweight Permit_serv	BOBJ1	2	8	Before	Interior Girder 1	8	0.95	1	1	6.925552
Overweight Permit_serv	BOBJ1	2	8	Before	Interior Girder 2	8	0.95	1	1	7.298227
Overweight Permit_serv	BOBJ1	2	8	Before	Interior Girder 3	8	0.95	1	1	6.695479
Overweight Permit_serv	BOBJ1	2	8	Before	Interior Girder 4	8	0.95	1	1	6.734619
Overweight Permit_serv	BOBJ1	2	8	Before	Interior Girder 5	8	0.95	1	1	7.275105
Overweight Permit_serv	BOBJ1	2	8	Before	Interior Girder 6	8	0.95	1	1	6.943606
Overweight Permit_serv	BOBJ1	2	8	Before	Right Exterior Girder	8	0.95	1	1	6.004627
Overweight Permit_serv	BOBJ1	3	8	After	Left Exterior Girder	8	0.95	1	1	6.245888
Overweight Permit_serv	BOBJ1	3	8	After	Interior Girder 1	8	0.95	1	1	6.871827
Overweight Permit_serv	BOBJ1	3	8	After	Interior Girder 2	8	0.95	1	1	7.566788
Overweight Permit_serv	BOBJ1	3	8	After	Interior Girder 3	8	0.95	1	1	7.061251
Overweight Permit_serv	BOBJ1	3	8	After	Interior Girder 4	8	0.95	1	1	7.099556
Overweight Permit_serv	BOBJ1	3	8	After	Interior Girder 5	8	0.95	1	1	7.541344

TABLE: Bridge Super Rating AASHTORATE18 31 - SteelICompServ-Flx - Approach, Span 4-6										
Request	BridgeObj	BridgeCut	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	Unitless	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Overweight Permit_serv	BOBJ1	3	8	After	Interior Girder 6	8	0.95	1	1	6.888058
Overweight Permit_serv	BOBJ1	3	8	After	Right Exterior Girder	8	0.95	1	1	6.245888
Overweight Permit_serv	BOBJ1	4	16	Before	Left Exterior Girder	16	0.95	1	1	3.38273
Overweight Permit_serv	BOBJ1	4	16	Before	Interior Girder 1	16	0.95	1	1	4.162909
Overweight Permit_serv	BOBJ1	4	16	Before	Interior Girder 2	16	0.95	1	1	4.70518
Overweight Permit_serv	BOBJ1	4	16	Before	Interior Girder 3	16	0.95	1	1	4.666698
Overweight Permit_serv	BOBJ1	4	16	Before	Interior Girder 4	16	0.95	1	1	4.666421
Overweight Permit_serv	BOBJ1	4	16	Before	Interior Girder 5	16	0.95	1	1	4.707764
Overweight Permit_serv	BOBJ1	4	16	Before	Interior Girder 6	16	0.95	1	1	4.162542
Overweight Permit_serv	BOBJ1	4	16	Before	Right Exterior Girder	16	0.95	1	1	3.38273
Overweight Permit_serv	BOBJ1	5	16	After	Left Exterior Girder	16	0.95	1	1	3.464655
Overweight Permit_serv	BOBJ1	5	16	After	Interior Girder 1	16	0.95	1	1	4.111256
Overweight Permit_serv	BOBJ1	5	16	After	Interior Girder 2	16	0.95	1	1	4.728125
Overweight Permit_serv	BOBJ1	5	16	After	Interior Girder 3	16	0.95	1	1	4.753159
Overweight Permit_serv	BOBJ1	5	16	After	Interior Girder 4	16	0.95	1	1	4.755382
Overweight Permit_serv	BOBJ1	5	16	After	Interior Girder 5	16	0.95	1	1	4.728358
Overweight Permit_serv	BOBJ1	5	16	After	Interior Girder 6	16	0.95	1	1	4.11087
Overweight Permit_serv	BOBJ1	5	16	After	Right Exterior Girder	16	0.95	1	1	3.464655
Overweight Permit_serv	BOBJ1	6	20.5	Before	Left Exterior Girder	20.5	0.95	1	1	2.916918
Overweight Permit_serv	BOBJ1	6	20.5	Before	Right Exterior Girder	20.5	0.95	1	1	2.916918
Overweight Permit_serv	BOBJ1	7	20.5	After	Left Exterior Girder	20.5	0.95	1	1	3.496308
Overweight Permit_serv	BOBJ1	7	20.5	After	Right Exterior Girder	20.5	0.95	1	1	3.496308
Overweight Permit_serv	BOBJ1	8	24	Before	Left Exterior Girder	24	0.95	1	1	3.219337
Overweight Permit_serv	BOBJ1	8	24	Before	Interior Girder 1	24	0.95	1	1	3.031033
Overweight Permit_serv	BOBJ1	8	24	Before	Interior Girder 2	24	0.95	1	1	3.539223
Overweight Permit_serv	BOBJ1	8	24	Before	Interior Girder 3	24	0.95	1	1	3.565433
Overweight Permit_serv	BOBJ1	8	24	Before	Interior Girder 4	24	0.95	1	1	3.574008
Overweight Permit_serv	BOBJ1	8	24	Before	Interior Girder 5	24	0.95	1	1	3.531034
Overweight Permit_serv	BOBJ1	8	24	Before	Interior Girder 6	24	0.95	1	1	3.03456
Overweight Permit_serv	BOBJ1	8	24	Before	Right Exterior Girder	24	0.95	1	1	3.219337
Overweight Permit_serv	BOBJ1	9	24	After	Left Exterior Girder	24	0.95	1	1	3.243023
Overweight Permit_serv	BOBJ1	9	24	After	Interior Girder 1	24	0.95	1	1	3.046136
Overweight Permit_serv	BOBJ1	9	24	After	Interior Girder 2	24	0.95	1	1	3.550496
Overweight Permit_serv	BOBJ1	9	24	After	Interior Girder 3	24	0.95	1	1	3.593382
Overweight Permit_serv	BOBJ1	9	24	After	Interior Girder 4	24	0.95	1	1	3.604791
Overweight Permit_serv	BOBJ1	9	24	After	Interior Girder 5	24	0.95	1	1	3.541582
Overweight Permit_serv	BOBJ1	9	24	After	Interior Girder 6	24	0.95	1	1	3.04965
Overweight Permit_serv	BOBJ1	9	24	After	Right Exterior Girder	24	0.95	1	1	3.243023
Overweight Permit_serv	BOBJ1	10	32	Before	Left Exterior Girder	32	0.95	1	1	2.886649
Overweight Permit_serv	BOBJ1	10	32	Before	Interior Girder 1	32	0.95	1	1	2.961567
Overweight Permit_serv	BOBJ1	10	32	Before	Interior Girder 2	32	0.95	1	1	3.401192
Overweight Permit_serv	BOBJ1	10	32	Before	Interior Girder 3	32	0.95	1	1	3.591923
Overweight Permit_serv	BOBJ1	10	32	Before	Interior Girder 4	32	0.95	1	1	3.592362
Overweight Permit_serv	BOBJ1	10	32	Before	Interior Girder 5	32	0.95	1	1	3.399554
Overweight Permit_serv	BOBJ1	10	32	Before	Interior Girder 6	32	0.95	1	1	2.961333
Overweight Permit_serv	BOBJ1	10	32	Before	Right Exterior Girder	32	0.95	1	1	2.886649
Overweight Permit_serv	BOBJ1	11	32	After	Left Exterior Girder	32	0.95	1	1	2.903463
Overweight Permit_serv	BOBJ1	11	32	After	Interior Girder 1	32	0.95	1	1	2.966311
Overweight Permit_serv	BOBJ1	11	32	After	Interior Girder 2	32	0.95	1	1	3.386006
Overweight Permit_serv	BOBJ1	11	32	After	Interior Girder 3	32	0.95	1	1	3.600949
Overweight Permit_serv	BOBJ1	11	32	After	Interior Girder 4	32	0.95	1	1	3.602719
Overweight Permit_serv	BOBJ1	11	32	After	Interior Girder 5	32	0.95	1	1	3.385326
Overweight Permit_serv	BOBJ1	11	32	After	Interior Girder 6	32	0.95	1	1	2.966195
Overweight Permit_serv	BOBJ1	11	32	After	Right Exterior Girder	32	0.95	1	1	2.903463
Overweight Permit_serv	BOBJ1	12	40	Before	Left Exterior Girder	40	0.95	1	1	3.031832
Overweight Permit_serv	BOBJ1	12	40	Before	Interior Girder 1	40	0.95	1	1	2.939623
Overweight Permit_serv	BOBJ1	12	40	Before	Interior Girder 2	40	0.95	1	1	3.445976
Overweight Permit_serv	BOBJ1	12	40	Before	Interior Girder 3	40	0.95	1	1	3.551999
Overweight Permit_serv	BOBJ1	12	40	Before	Interior Girder 4	40	0.95	1	1	3.561265
Overweight Permit_serv	BOBJ1	12	40	Before	Interior Girder 5	40	0.95	1	1	3.441753
Overweight Permit_serv	BOBJ1	12	40	Before	Interior Girder 6	40	0.95	1	1	2.942822
Overweight Permit_serv	BOBJ1	12	40	Before	Right Exterior Girder	40	0.95	1	1	3.031832
Overweight Permit_serv	BOBJ1	13	40	After	Left Exterior Girder	40	0.95	1	1	3.02601
Overweight Permit_serv	BOBJ1	13	40	After	Interior Girder 1	40	0.95	1	1	2.94728
Overweight Permit_serv	BOBJ1	13	40	After	Interior Girder 2	40	0.95	1	1	3.428162
Overweight Permit_serv	BOBJ1	13	40	After	Interior Girder 3	40	0.95	1	1	3.534242
Overweight Permit_serv	BOBJ1	13	40	After	Interior Girder 4	40	0.95	1	1	3.542604
Overweight Permit_serv	BOBJ1	13	40	After	Interior Girder 5	40	0.95	1	1	3.421341
Overweight Permit_serv	BOBJ1	13	40	After	Interior Girder 6	40	0.95	1	1	2.950542
Overweight Permit_serv	BOBJ1	13	40	After	Right Exterior Girder	40	0.95	1	1	3.02601
Overweight Permit_serv	BOBJ1	14	46.5	Before	Left Exterior Girder	46.5	0.95	1	1	3.312337
Overweight Permit_serv	BOBJ1	14	46.5	Before	Right Exterior Girder	46.5	0.95	1	1	3.312337
Overweight Permit_serv	BOBJ1	15	46.5	After	Left Exterior Girder	46.5	0.95	1	1	2.850097

TABLE: Bridge Super Rating AASHTORATE18 31 - SteelICompServ-Flx - Approach, Span 4-6										
Request	BridgeObj	BridgeCut	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	Unitless	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Overweight Permit_serv	BOBJ1	15	46.5	After	Right Exterior Girder	46.5	0.95	1	1	2.850097
Overweight Permit_serv	BOBJ1	16	48	Before	Left Exterior Girder	48	0.95	1	1	2.961466
Overweight Permit_serv	BOBJ1	16	48	Before	Interior Girder 1	48	0.95	1	1	3.619105
Overweight Permit_serv	BOBJ1	16	48	Before	Interior Girder 2	48	0.95	1	1	4.169766
Overweight Permit_serv	BOBJ1	16	48	Before	Interior Girder 3	48	0.95	1	1	4.397559
Overweight Permit_serv	BOBJ1	16	48	Before	Interior Girder 4	48	0.95	1	1	4.400958
Overweight Permit_serv	BOBJ1	16	48	Before	Interior Girder 5	48	0.95	1	1	4.170129
Overweight Permit_serv	BOBJ1	16	48	Before	Interior Girder 6	48	0.95	1	1	3.618978
Overweight Permit_serv	BOBJ1	16	48	Before	Right Exterior Girder	48	0.95	1	1	2.961466
Overweight Permit_serv	BOBJ1	17	48	After	Left Exterior Girder	48	0.95	1	1	2.925969
Overweight Permit_serv	BOBJ1	17	48	After	Interior Girder 1	48	0.95	1	1	3.651383
Overweight Permit_serv	BOBJ1	17	48	After	Interior Girder 2	48	0.95	1	1	4.189731
Overweight Permit_serv	BOBJ1	17	48	After	Interior Girder 3	48	0.95	1	1	4.358439
Overweight Permit_serv	BOBJ1	17	48	After	Interior Girder 4	48	0.95	1	1	4.360456
Overweight Permit_serv	BOBJ1	17	48	After	Interior Girder 5	48	0.95	1	1	4.187594
Overweight Permit_serv	BOBJ1	17	48	After	Interior Girder 6	48	0.95	1	1	3.651124
Overweight Permit_serv	BOBJ1	17	48	After	Right Exterior Girder	48	0.95	1	1	2.925969
Overweight Permit_serv	BOBJ1	18	56	Before	Left Exterior Girder	56	0.95	1	1	4.008755
Overweight Permit_serv	BOBJ1	18	56	Before	Interior Girder 1	56	0.95	1	1	4.858986
Overweight Permit_serv	BOBJ1	18	56	Before	Interior Girder 2	56	0.95	1	1	5.520995
Overweight Permit_serv	BOBJ1	18	56	Before	Interior Girder 3	56	0.95	1	1	5.514621
Overweight Permit_serv	BOBJ1	18	56	Before	Interior Girder 4	56	0.95	1	1	5.540033
Overweight Permit_serv	BOBJ1	18	56	Before	Interior Girder 5	56	0.95	1	1	5.517326
Overweight Permit_serv	BOBJ1	18	56	Before	Interior Girder 6	56	0.95	1	1	4.866107
Overweight Permit_serv	BOBJ1	18	56	Before	Right Exterior Girder	56	0.95	1	1	4.008755
Overweight Permit_serv	BOBJ1	19	56	After	Left Exterior Girder	56	0.95	1	1	3.895496
Overweight Permit_serv	BOBJ1	19	56	After	Interior Girder 1	56	0.95	1	1	4.932505
Overweight Permit_serv	BOBJ1	19	56	After	Interior Girder 2	56	0.95	1	1	5.480358
Overweight Permit_serv	BOBJ1	19	56	After	Interior Girder 3	56	0.95	1	1	5.431948
Overweight Permit_serv	BOBJ1	19	56	After	Interior Girder 4	56	0.95	1	1	5.453167
Overweight Permit_serv	BOBJ1	19	56	After	Interior Girder 5	56	0.95	1	1	5.468723
Overweight Permit_serv	BOBJ1	19	56	After	Interior Girder 6	56	0.95	1	1	4.939932
Overweight Permit_serv	BOBJ1	19	56	After	Right Exterior Girder	56	0.95	1	1	3.895496
Overweight Permit_serv	BOBJ1	20	59	Before	Interior Girder 1	59	0.95	1	1	6.002858
Overweight Permit_serv	BOBJ1	20	59	Before	Interior Girder 2	59	0.95	1	1	6.541274
Overweight Permit_serv	BOBJ1	20	59	Before	Interior Girder 3	59	0.95	1	1	6.5114
Overweight Permit_serv	BOBJ1	20	59	Before	Interior Girder 4	59	0.95	1	1	6.540656
Overweight Permit_serv	BOBJ1	20	59	Before	Interior Girder 5	59	0.95	1	1	6.53418
Overweight Permit_serv	BOBJ1	20	59	Before	Interior Girder 6	59	0.95	1	1	6.01012
Overweight Permit_serv	BOBJ1	21	59	After	Interior Girder 1	59	0.95	1	1	3.446187
Overweight Permit_serv	BOBJ1	21	59	After	Interior Girder 2	59	0.95	1	1	3.778382
Overweight Permit_serv	BOBJ1	21	59	After	Interior Girder 3	59	0.95	1	1	3.66576
Overweight Permit_serv	BOBJ1	21	59	After	Interior Girder 4	59	0.95	1	1	3.68098
Overweight Permit_serv	BOBJ1	21	59	After	Interior Girder 5	59	0.95	1	1	3.775033
Overweight Permit_serv	BOBJ1	21	59	After	Interior Girder 6	59	0.95	1	1	3.45018
Overweight Permit_serv	BOBJ1	22	64	Before	Left Exterior Girder	64	0.95	1	1	5.85882
Overweight Permit_serv	BOBJ1	22	64	Before	Interior Girder 1	64	0.95	1	1	4.112209
Overweight Permit_serv	BOBJ1	22	64	Before	Interior Girder 2	64	0.95	1	1	4.824065
Overweight Permit_serv	BOBJ1	22	64	Before	Interior Girder 3	64	0.95	1	1	5.314416
Overweight Permit_serv	BOBJ1	22	64	Before	Interior Girder 4	64	0.95	1	1	5.312583
Overweight Permit_serv	BOBJ1	22	64	Before	Interior Girder 5	64	0.95	1	1	4.806481
Overweight Permit_serv	BOBJ1	22	64	Before	Interior Girder 6	64	0.95	1	1	4.112564
Overweight Permit_serv	BOBJ1	22	64	Before	Right Exterior Girder	64	0.95	1	1	5.85882
Overweight Permit_serv	BOBJ1	23	64	After	Left Exterior Girder	64	0.95	1	1	5.899318
Overweight Permit_serv	BOBJ1	23	64	After	Interior Girder 1	64	0.95	1	1	4.083958
Overweight Permit_serv	BOBJ1	23	64	After	Interior Girder 2	64	0.95	1	1	4.80769
Overweight Permit_serv	BOBJ1	23	64	After	Interior Girder 3	64	0.95	1	1	5.357338
Overweight Permit_serv	BOBJ1	23	64	After	Interior Girder 4	64	0.95	1	1	5.355241
Overweight Permit_serv	BOBJ1	23	64	After	Interior Girder 5	64	0.95	1	1	4.792285
Overweight Permit_serv	BOBJ1	23	64	After	Interior Girder 6	64	0.95	1	1	4.084221
Overweight Permit_serv	BOBJ1	23	64	After	Right Exterior Girder	64	0.95	1	1	5.901756
Overweight Permit_serv	BOBJ1	24	69	Before	Interior Girder 1	69	0.95	1	1	2.761121
Overweight Permit_serv	BOBJ1	24	69	Before	Interior Girder 2	69	0.95	1	1	3.249132
Overweight Permit_serv	BOBJ1	24	69	Before	Interior Girder 3	69	0.95	1	1	3.237179
Overweight Permit_serv	BOBJ1	24	69	Before	Interior Girder 4	69	0.95	1	1	3.23633
Overweight Permit_serv	BOBJ1	24	69	Before	Interior Girder 5	69	0.95	1	1	3.243467
Overweight Permit_serv	BOBJ1	24	69	Before	Interior Girder 6	69	0.95	1	1	2.761571
Overweight Permit_serv	BOBJ1	25	69	After	Interior Girder 1	69	0.95	1	1	5.896538
Overweight Permit_serv	BOBJ1	25	69	After	Interior Girder 2	69	0.95	1	1	6.834398
Overweight Permit_serv	BOBJ1	25	69	After	Interior Girder 3	69	0.95	1	1	6.947633
Overweight Permit_serv	BOBJ1	25	69	After	Interior Girder 4	69	0.95	1	1	6.945316
Overweight Permit_serv	BOBJ1	25	69	After	Interior Girder 5	69	0.95	1	1	6.83814
Overweight Permit_serv	BOBJ1	25	69	After	Interior Girder 6	69	0.95	1	1	5.897334

TABLE: Bridge Super Rating AASHTORATE18 31 - SteelICompServ-Flx - Approach, Span 4-6										
Request	BridgeObj	BridgeCut	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	Unitless	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Overweight Permit_serv	BOBJ1	26	72	Before	Left Exterior Girder	72	0.95	1	1	3.139098
Overweight Permit_serv	BOBJ1	26	72	Before	Interior Girder 1	72	0.95	1	1	4.552693
Overweight Permit_serv	BOBJ1	26	72	Before	Interior Girder 2	72	0.95	1	1	5.414301
Overweight Permit_serv	BOBJ1	26	72	Before	Interior Girder 3	72	0.95	1	1	5.189013
Overweight Permit_serv	BOBJ1	26	72	Before	Interior Girder 4	72	0.95	1	1	5.187926
Overweight Permit_serv	BOBJ1	26	72	Before	Interior Girder 5	72	0.95	1	1	5.397617
Overweight Permit_serv	BOBJ1	26	72	Before	Interior Girder 6	72	0.95	1	1	4.553494
Overweight Permit_serv	BOBJ1	26	72	Before	Right Exterior Girder	72	0.95	1	1	3.139098
Overweight Permit_serv	BOBJ1	27	72	After	Left Exterior Girder	72	0.95	1	1	3.233429
Overweight Permit_serv	BOBJ1	27	72	After	Interior Girder 1	72	0.95	1	1	4.394278
Overweight Permit_serv	BOBJ1	27	72	After	Interior Girder 2	72	0.95	1	1	5.381573
Overweight Permit_serv	BOBJ1	27	72	After	Interior Girder 3	72	0.95	1	1	5.206856
Overweight Permit_serv	BOBJ1	27	72	After	Interior Girder 4	72	0.95	1	1	5.205498
Overweight Permit_serv	BOBJ1	27	72	After	Interior Girder 5	72	0.95	1	1	5.367889
Overweight Permit_serv	BOBJ1	27	72	After	Interior Girder 6	72	0.95	1	1	4.395068
Overweight Permit_serv	BOBJ1	27	72	After	Right Exterior Girder	72	0.95	1	1	3.233429
Overweight Permit_serv	BOBJ1	28	72.5	Before	Left Exterior Girder	72.5	0.95	1	1	2.989946
Overweight Permit_serv	BOBJ1	28	72.5	Before	Right Exterior Girder	72.5	0.95	1	1	2.989946
Overweight Permit_serv	BOBJ1	29	72.5	After	Left Exterior Girder	72.5	0.95	1	1	4.533053
Overweight Permit_serv	BOBJ1	29	72.5	After	Right Exterior Girder	72.5	0.95	1	1	4.533053
Overweight Permit_serv	BOBJ1	30	80	Before	Left Exterior Girder	80	0.95	1	1	2.237602
Overweight Permit_serv	BOBJ1	30	80	Before	Interior Girder 1	80	0.95	1	1	2.220587
Overweight Permit_serv	BOBJ1	30	80	Before	Interior Girder 2	80	0.95	1	1	2.82744
Overweight Permit_serv	BOBJ1	30	80	Before	Interior Girder 3	80	0.95	1	1	2.455596
Overweight Permit_serv	BOBJ1	30	80	Before	Interior Girder 4	80	0.95	1	1	2.45855
Overweight Permit_serv	BOBJ1	30	80	Before	Interior Girder 5	80	0.95	1	1	2.815406
Overweight Permit_serv	BOBJ1	30	80	Before	Interior Girder 6	80	0.95	1	1	2.220587
Overweight Permit_serv	BOBJ1	30	80	Before	Right Exterior Girder	80	0.95	1	1	2.237602
Overweight Permit_serv	BOBJ1	31	80	After	Left Exterior Girder	0	0.95	1	1	2.241978
Overweight Permit_serv	BOBJ1	31	80	After	Interior Girder 1	0	0.95	1	1	2.217929
Overweight Permit_serv	BOBJ1	31	80	After	Interior Girder 2	0	0.95	1	1	2.821147
Overweight Permit_serv	BOBJ1	31	80	After	Interior Girder 3	0	0.95	1	1	2.447032
Overweight Permit_serv	BOBJ1	31	80	After	Interior Girder 4	0	0.95	1	1	2.45034
Overweight Permit_serv	BOBJ1	31	80	After	Interior Girder 5	0	0.95	1	1	2.809992
Overweight Permit_serv	BOBJ1	31	80	After	Interior Girder 6	0	0.95	1	1	2.217929
Overweight Permit_serv	BOBJ1	31	80	After	Right Exterior Girder	0	0.95	1	1	2.241978
Overweight Permit_serv	BOBJ1	32	87.5	Before	Left Exterior Girder	7.5	0.95	1	1	4.242649
Overweight Permit_serv	BOBJ1	32	87.5	Before	Right Exterior Girder	7.5	0.95	1	1	4.242649
Overweight Permit_serv	BOBJ1	33	87.5	After	Left Exterior Girder	7.5	0.95	1	1	2.758755
Overweight Permit_serv	BOBJ1	33	87.5	After	Right Exterior Girder	7.5	0.95	1	1	2.758755
Overweight Permit_serv	BOBJ1	34	88	Before	Left Exterior Girder	8	0.95	1	1	2.942644
Overweight Permit_serv	BOBJ1	34	88	Before	Interior Girder 1	8	0.95	1	1	4.100431
Overweight Permit_serv	BOBJ1	34	88	Before	Interior Girder 2	8	0.95	1	1	5.087935
Overweight Permit_serv	BOBJ1	34	88	Before	Interior Girder 3	8	0.95	1	1	4.913945
Overweight Permit_serv	BOBJ1	34	88	Before	Interior Girder 4	8	0.95	1	1	4.912658
Overweight Permit_serv	BOBJ1	34	88	Before	Interior Girder 5	8	0.95	1	1	5.074392
Overweight Permit_serv	BOBJ1	34	88	Before	Interior Girder 6	8	0.95	1	1	4.100431
Overweight Permit_serv	BOBJ1	34	88	Before	Right Exterior Girder	8	0.95	1	1	2.942644
Overweight Permit_serv	BOBJ1	35	88	After	Left Exterior Girder	8	0.95	1	1	2.8871
Overweight Permit_serv	BOBJ1	35	88	After	Interior Girder 1	8	0.95	1	1	4.18862
Overweight Permit_serv	BOBJ1	35	88	After	Interior Girder 2	8	0.95	1	1	5.089747
Overweight Permit_serv	BOBJ1	35	88	After	Interior Girder 3	8	0.95	1	1	4.882508
Overweight Permit_serv	BOBJ1	35	88	After	Interior Girder 4	8	0.95	1	1	4.88155
Overweight Permit_serv	BOBJ1	35	88	After	Interior Girder 5	8	0.95	1	1	5.074328
Overweight Permit_serv	BOBJ1	35	88	After	Interior Girder 6	8	0.95	1	1	4.18862
Overweight Permit_serv	BOBJ1	35	88	After	Right Exterior Girder	8	0.95	1	1	2.8871
Overweight Permit_serv	BOBJ1	36	91	Before	Interior Girder 1	11	0.95	1	1	5.326871
Overweight Permit_serv	BOBJ1	36	91	Before	Interior Girder 2	11	0.95	1	1	6.373583
Overweight Permit_serv	BOBJ1	36	91	Before	Interior Girder 3	11	0.95	1	1	6.399105
Overweight Permit_serv	BOBJ1	36	91	Before	Interior Girder 4	11	0.95	1	1	6.397111
Overweight Permit_serv	BOBJ1	36	91	Before	Interior Girder 5	11	0.95	1	1	6.360952
Overweight Permit_serv	BOBJ1	36	91	Before	Interior Girder 6	11	0.95	1	1	5.327505
Overweight Permit_serv	BOBJ1	37	91	After	Interior Girder 1	11	0.95	1	1	2.331605
Overweight Permit_serv	BOBJ1	37	91	After	Interior Girder 2	11	0.95	1	1	2.829799
Overweight Permit_serv	BOBJ1	37	91	After	Interior Girder 3	11	0.95	1	1	2.785056
Overweight Permit_serv	BOBJ1	37	91	After	Interior Girder 4	11	0.95	1	1	2.784391
Overweight Permit_serv	BOBJ1	37	91	After	Interior Girder 5	11	0.95	1	1	2.819589
Overweight Permit_serv	BOBJ1	37	91	After	Interior Girder 6	11	0.95	1	1	2.331935
Overweight Permit_serv	BOBJ1	38	96	Before	Left Exterior Girder	16	0.95	1	1	6.15318
Overweight Permit_serv	BOBJ1	38	96	Before	Interior Girder 1	16	0.95	1	1	3.485102
Overweight Permit_serv	BOBJ1	38	96	Before	Interior Girder 2	16	0.95	1	1	4.172024
Overweight Permit_serv	BOBJ1	38	96	Before	Interior Girder 3	16	0.95	1	1	4.670476
Overweight Permit_serv	BOBJ1	38	96	Before	Interior Girder 4	16	0.95	1	1	4.668687

TABLE: Bridge Super Rating AASHTORATE18 31 - SteelICompServ-Flx - Approach, Span 4-6										
Request	BridgeObj	BridgeCut	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	Unitless	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Overweight Permit_serv	BOBJ1	38	96	Before	Interior Girder 5	16	0.95	1	1	4.172771
Overweight Permit_serv	BOBJ1	38	96	Before	Interior Girder 6	16	0.95	1	1	3.485286
Overweight Permit_serv	BOBJ1	38	96	Before	Right Exterior Girder	16	0.95	1	1	6.15318
Overweight Permit_serv	BOBJ1	39	96	After	Left Exterior Girder	16	0.95	1	1	2.850986
Overweight Permit_serv	BOBJ1	39	96	After	Interior Girder 1	16	0.95	1	1	3.544203
Overweight Permit_serv	BOBJ1	39	96	After	Interior Girder 2	16	0.95	1	1	4.166791
Overweight Permit_serv	BOBJ1	39	96	After	Interior Girder 3	16	0.95	1	1	4.583635
Overweight Permit_serv	BOBJ1	39	96	After	Interior Girder 4	16	0.95	1	1	4.582102
Overweight Permit_serv	BOBJ1	39	96	After	Interior Girder 5	16	0.95	1	1	4.159961
Overweight Permit_serv	BOBJ1	39	96	After	Interior Girder 6	16	0.95	1	1	3.544487
Overweight Permit_serv	BOBJ1	39	96	After	Right Exterior Girder	16	0.95	1	1	2.850986
Overweight Permit_serv	BOBJ1	40	104	Before	Left Exterior Girder	24	0.95	1	1	4.207049
Overweight Permit_serv	BOBJ1	40	104	Before	Interior Girder 1	24	0.95	1	1	4.151232
Overweight Permit_serv	BOBJ1	40	104	Before	Interior Girder 2	24	0.95	1	1	4.543108
Overweight Permit_serv	BOBJ1	40	104	Before	Interior Girder 3	24	0.95	1	1	4.386606
Overweight Permit_serv	BOBJ1	40	104	Before	Interior Girder 4	24	0.95	1	1	4.408365
Overweight Permit_serv	BOBJ1	40	104	Before	Interior Girder 5	24	0.95	1	1	4.538564
Overweight Permit_serv	BOBJ1	40	104	Before	Interior Girder 6	24	0.95	1	1	4.158397
Overweight Permit_serv	BOBJ1	40	104	Before	Right Exterior Girder	24	0.95	1	1	4.207049
Overweight Permit_serv	BOBJ1	41	104	After	Left Exterior Girder	24	0.95	1	1	4.400482
Overweight Permit_serv	BOBJ1	41	104	After	Interior Girder 1	24	0.95	1	1	4.0729
Overweight Permit_serv	BOBJ1	41	104	After	Interior Girder 2	24	0.95	1	1	4.555317
Overweight Permit_serv	BOBJ1	41	104	After	Interior Girder 3	24	0.95	1	1	4.464211
Overweight Permit_serv	BOBJ1	41	104	After	Interior Girder 4	24	0.95	1	1	4.488695
Overweight Permit_serv	BOBJ1	41	104	After	Interior Girder 5	24	0.95	1	1	4.55222
Overweight Permit_serv	BOBJ1	41	104	After	Interior Girder 6	24	0.95	1	1	4.079686
Overweight Permit_serv	BOBJ1	41	104	After	Right Exterior Girder	24	0.95	1	1	4.400482
Overweight Permit_serv	BOBJ1	42	112	Before	Left Exterior Girder	32	0.95	1	1	2.868017
Overweight Permit_serv	BOBJ1	42	112	Before	Interior Girder 1	32	0.95	1	1	3.275622
Overweight Permit_serv	BOBJ1	42	112	Before	Interior Girder 2	32	0.95	1	1	3.717785
Overweight Permit_serv	BOBJ1	42	112	Before	Interior Girder 3	32	0.95	1	1	3.8677
Overweight Permit_serv	BOBJ1	42	112	Before	Interior Girder 4	32	0.95	1	1	3.869416
Overweight Permit_serv	BOBJ1	42	112	Before	Interior Girder 5	32	0.95	1	1	3.718356
Overweight Permit_serv	BOBJ1	42	112	Before	Interior Girder 6	32	0.95	1	1	3.27516
Overweight Permit_serv	BOBJ1	42	112	Before	Right Exterior Girder	32	0.95	1	1	2.868017
Overweight Permit_serv	BOBJ1	43	112	After	Left Exterior Girder	32	0.95	1	1	2.930378
Overweight Permit_serv	BOBJ1	43	112	After	Interior Girder 1	32	0.95	1	1	3.241877
Overweight Permit_serv	BOBJ1	43	112	After	Interior Girder 2	32	0.95	1	1	3.697448
Overweight Permit_serv	BOBJ1	43	112	After	Interior Girder 3	32	0.95	1	1	3.89092
Overweight Permit_serv	BOBJ1	43	112	After	Interior Girder 4	32	0.95	1	1	3.894285
Overweight Permit_serv	BOBJ1	43	112	After	Interior Girder 5	32	0.95	1	1	3.698963
Overweight Permit_serv	BOBJ1	43	112	After	Interior Girder 6	32	0.95	1	1	3.241575
Overweight Permit_serv	BOBJ1	43	112	After	Right Exterior Girder	32	0.95	1	1	2.930378
Overweight Permit_serv	BOBJ1	44	120	Before	Left Exterior Girder	40	0.95	1	1	2.651342
Overweight Permit_serv	BOBJ1	44	120	Before	Interior Girder 1	40	0.95	1	1	2.832285
Overweight Permit_serv	BOBJ1	44	120	Before	Interior Girder 2	40	0.95	1	1	3.285077
Overweight Permit_serv	BOBJ1	44	120	Before	Interior Girder 3	40	0.95	1	1	3.318563
Overweight Permit_serv	BOBJ1	44	120	Before	Interior Girder 4	40	0.95	1	1	3.33236
Overweight Permit_serv	BOBJ1	44	120	Before	Interior Girder 5	40	0.95	1	1	3.280245
Overweight Permit_serv	BOBJ1	44	120	Before	Interior Girder 6	40	0.95	1	1	2.836088
Overweight Permit_serv	BOBJ1	44	120	Before	Right Exterior Girder	40	0.95	1	1	2.651342
Overweight Permit_serv	BOBJ1	45	120	After	Left Exterior Girder	40	0.95	1	1	2.657208
Overweight Permit_serv	BOBJ1	45	120	After	Interior Girder 1	40	0.95	1	1	2.829091
Overweight Permit_serv	BOBJ1	45	120	After	Interior Girder 2	40	0.95	1	1	3.283593
Overweight Permit_serv	BOBJ1	45	120	After	Interior Girder 3	40	0.95	1	1	3.318943
Overweight Permit_serv	BOBJ1	45	120	After	Interior Girder 4	40	0.95	1	1	3.332826
Overweight Permit_serv	BOBJ1	45	120	After	Interior Girder 5	40	0.95	1	1	3.27849
Overweight Permit_serv	BOBJ1	45	120	After	Interior Girder 6	40	0.95	1	1	2.832854
Overweight Permit_serv	BOBJ1	45	120	After	Right Exterior Girder	40	0.95	1	1	2.657208
Overweight Permit_serv	BOBJ1	46	128	Before	Left Exterior Girder	48	0.95	1	1	2.880991
Overweight Permit_serv	BOBJ1	46	128	Before	Interior Girder 1	48	0.95	1	1	3.216401
Overweight Permit_serv	BOBJ1	46	128	Before	Interior Girder 2	48	0.95	1	1	3.672421
Overweight Permit_serv	BOBJ1	46	128	Before	Interior Girder 3	48	0.95	1	1	3.869994
Overweight Permit_serv	BOBJ1	46	128	Before	Interior Girder 4	48	0.95	1	1	3.873309
Overweight Permit_serv	BOBJ1	46	128	Before	Interior Girder 5	48	0.95	1	1	3.673875
Overweight Permit_serv	BOBJ1	46	128	Before	Interior Girder 6	48	0.95	1	1	3.21609
Overweight Permit_serv	BOBJ1	46	128	Before	Right Exterior Girder	48	0.95	1	1	2.880991
Overweight Permit_serv	BOBJ1	47	128	After	Left Exterior Girder	48	0.95	1	1	2.827483
Overweight Permit_serv	BOBJ1	47	128	After	Interior Girder 1	48	0.95	1	1	3.241433
Overweight Permit_serv	BOBJ1	47	128	After	Interior Girder 2	48	0.95	1	1	3.691716
Overweight Permit_serv	BOBJ1	47	128	After	Interior Girder 3	48	0.95	1	1	3.848903
Overweight Permit_serv	BOBJ1	47	128	After	Interior Girder 4	48	0.95	1	1	3.850532
Overweight Permit_serv	BOBJ1	47	128	After	Interior Girder 5	48	0.95	1	1	3.692229

TABLE: Bridge Super Rating AASHTORATE18 31 - SteelICompServ-Flx - Approach, Span 4-6										
Request	BridgeObj	BridgeCut	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	Unitless	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Overweight Permit_serv	BOBJ1	47	128	After	Interior Girder 6	48	0.95	1	1	3.24097
Overweight Permit_serv	BOBJ1	47	128	After	Right Exterior Girder	48	0.95	1	1	2.827483
Overweight Permit_serv	BOBJ1	48	136	Before	Left Exterior Girder	56	0.95	1	1	4.233188
Overweight Permit_serv	BOBJ1	48	136	Before	Interior Girder 1	56	0.95	1	1	3.999679
Overweight Permit_serv	BOBJ1	48	136	Before	Interior Girder 2	56	0.95	1	1	4.49475
Overweight Permit_serv	BOBJ1	48	136	Before	Interior Girder 3	56	0.95	1	1	4.415008
Overweight Permit_serv	BOBJ1	48	136	Before	Interior Girder 4	56	0.95	1	1	4.43886
Overweight Permit_serv	BOBJ1	48	136	Before	Interior Girder 5	56	0.95	1	1	4.491593
Overweight Permit_serv	BOBJ1	48	136	Before	Interior Girder 6	56	0.95	1	1	4.006237
Overweight Permit_serv	BOBJ1	48	136	Before	Right Exterior Girder	56	0.95	1	1	4.233188
Overweight Permit_serv	BOBJ1	49	136	After	Left Exterior Girder	56	0.95	1	1	4.059526
Overweight Permit_serv	BOBJ1	49	136	After	Interior Girder 1	56	0.95	1	1	4.068707
Overweight Permit_serv	BOBJ1	49	136	After	Interior Girder 2	56	0.95	1	1	4.483455
Overweight Permit_serv	BOBJ1	49	136	After	Interior Girder 3	56	0.95	1	1	4.342626
Overweight Permit_serv	BOBJ1	49	136	After	Interior Girder 4	56	0.95	1	1	4.363788
Overweight Permit_serv	BOBJ1	49	136	After	Interior Girder 5	56	0.95	1	1	4.479035
Overweight Permit_serv	BOBJ1	49	136	After	Interior Girder 6	56	0.95	1	1	4.075607
Overweight Permit_serv	BOBJ1	49	136	After	Right Exterior Girder	56	0.95	1	1	4.059526
Overweight Permit_serv	BOBJ1	50	144	Before	Left Exterior Girder	64	0.95	1	1	2.882637
Overweight Permit_serv	BOBJ1	50	144	Before	Interior Girder 1	64	0.95	1	1	3.518634
Overweight Permit_serv	BOBJ1	50	144	Before	Interior Girder 2	64	0.95	1	1	4.172818
Overweight Permit_serv	BOBJ1	50	144	Before	Interior Girder 3	64	0.95	1	1	4.660518
Overweight Permit_serv	BOBJ1	50	144	Before	Interior Girder 4	64	0.95	1	1	4.659035
Overweight Permit_serv	BOBJ1	50	144	Before	Interior Girder 5	64	0.95	1	1	4.160747
Overweight Permit_serv	BOBJ1	50	144	Before	Interior Girder 6	64	0.95	1	1	3.518918
Overweight Permit_serv	BOBJ1	50	144	Before	Right Exterior Girder	64	0.95	1	1	2.882637
Overweight Permit_serv	BOBJ1	51	144	After	Left Exterior Girder	64	0.95	1	1	5.73453
Overweight Permit_serv	BOBJ1	51	144	After	Interior Girder 1	64	0.95	1	1	3.449329
Overweight Permit_serv	BOBJ1	51	144	After	Interior Girder 2	64	0.95	1	1	4.173564
Overweight Permit_serv	BOBJ1	51	144	After	Interior Girder 3	64	0.95	1	1	4.740169
Overweight Permit_serv	BOBJ1	51	144	After	Interior Girder 4	64	0.95	1	1	4.73841
Overweight Permit_serv	BOBJ1	51	144	After	Interior Girder 5	64	0.95	1	1	4.169447
Overweight Permit_serv	BOBJ1	51	144	After	Interior Girder 6	64	0.95	1	1	3.449526
Overweight Permit_serv	BOBJ1	51	144	After	Right Exterior Girder	64	0.95	1	1	5.736587
Overweight Permit_serv	BOBJ1	52	150	Before	Interior Girder 1	70	0.95	1	1	2.131025
Overweight Permit_serv	BOBJ1	52	150	Before	Interior Girder 2	70	0.95	1	1	2.610127
Overweight Permit_serv	BOBJ1	52	150	Before	Interior Girder 3	70	0.95	1	1	2.572855
Overweight Permit_serv	BOBJ1	52	150	Before	Interior Girder 4	70	0.95	1	1	2.572273
Overweight Permit_serv	BOBJ1	52	150	Before	Interior Girder 5	70	0.95	1	1	2.601254
Overweight Permit_serv	BOBJ1	52	150	Before	Interior Girder 6	70	0.95	1	1	2.131339
Overweight Permit_serv	BOBJ1	53	150	After	Interior Girder 1	70	0.95	1	1	4.70583
Overweight Permit_serv	BOBJ1	53	150	After	Interior Girder 2	70	0.95	1	1	5.632218
Overweight Permit_serv	BOBJ1	53	150	After	Interior Girder 3	70	0.95	1	1	5.642832
Overweight Permit_serv	BOBJ1	53	150	After	Interior Girder 4	70	0.95	1	1	5.64116
Overweight Permit_serv	BOBJ1	53	150	After	Interior Girder 5	70	0.95	1	1	5.616542
Overweight Permit_serv	BOBJ1	53	150	After	Interior Girder 6	70	0.95	1	1	4.706422
Overweight Permit_serv	BOBJ1	54	152	Before	Left Exterior Girder	72	0.95	1	1	2.722539
Overweight Permit_serv	BOBJ1	54	152	Before	Interior Girder 1	72	0.95	1	1	3.972452
Overweight Permit_serv	BOBJ1	54	152	Before	Interior Girder 2	72	0.95	1	1	4.831025
Overweight Permit_serv	BOBJ1	54	152	Before	Interior Girder 3	72	0.95	1	1	4.708605
Overweight Permit_serv	BOBJ1	54	152	Before	Interior Girder 4	72	0.95	1	1	4.707582
Overweight Permit_serv	BOBJ1	54	152	Before	Interior Girder 5	72	0.95	1	1	4.816763
Overweight Permit_serv	BOBJ1	54	152	Before	Interior Girder 6	72	0.95	1	1	3.972452
Overweight Permit_serv	BOBJ1	54	152	Before	Right Exterior Girder	72	0.95	1	1	2.722539
Overweight Permit_serv	BOBJ1	55	152	After	Left Exterior Girder	72	0.95	1	1	2.796297
Overweight Permit_serv	BOBJ1	55	152	After	Interior Girder 1	72	0.95	1	1	3.868633
Overweight Permit_serv	BOBJ1	55	152	After	Interior Girder 2	72	0.95	1	1	4.816393
Overweight Permit_serv	BOBJ1	55	152	After	Interior Girder 3	72	0.95	1	1	4.720701
Overweight Permit_serv	BOBJ1	55	152	After	Interior Girder 4	72	0.95	1	1	4.719393
Overweight Permit_serv	BOBJ1	55	152	After	Interior Girder 5	72	0.95	1	1	4.804077
Overweight Permit_serv	BOBJ1	55	152	After	Interior Girder 6	72	0.95	1	1	3.868633
Overweight Permit_serv	BOBJ1	55	152	After	Right Exterior Girder	72	0.95	1	1	2.796297
Overweight Permit_serv	BOBJ1	56	154	Before	Left Exterior Girder	74	0.95	1	1	2.230546
Overweight Permit_serv	BOBJ1	56	154	Before	Right Exterior Girder	74	0.95	1	1	2.230546
Overweight Permit_serv	BOBJ1	57	154	After	Left Exterior Girder	74	0.95	1	1	3.438805
Overweight Permit_serv	BOBJ1	57	154	After	Right Exterior Girder	74	0.95	1	1	3.438805
Overweight Permit_serv	BOBJ1	58	160	Before	Left Exterior Girder	80	0.95	1	1	2.055683
Overweight Permit_serv	BOBJ1	58	160	Before	Interior Girder 1	80	0.95	1	1	2.059627
Overweight Permit_serv	BOBJ1	58	160	Before	Interior Girder 2	80	0.95	1	1	2.66026
Overweight Permit_serv	BOBJ1	58	160	Before	Interior Girder 3	80	0.95	1	1	2.336499
Overweight Permit_serv	BOBJ1	58	160	Before	Interior Girder 4	80	0.95	1	1	2.339554
Overweight Permit_serv	BOBJ1	58	160	Before	Interior Girder 5	80	0.95	1	1	2.650028
Overweight Permit_serv	BOBJ1	58	160	Before	Interior Girder 6	80	0.95	1	1	2.059627

TABLE: Bridge Super Rating AASHTORATE18 31 - SteelICompServ-Flx - Approach, Span 4-6										
Request	BridgeObj	BridgeCut	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	Unitless	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Overweight Permit_serv	BOBJ1	58	160	Before	Right Exterior Girder	80	0.95	1	1	2.055683
Overweight Permit_serv	BOBJ1	59	160	After	Left Exterior Girder	0	0.95	1	1	2.028379
Overweight Permit_serv	BOBJ1	59	160	After	Interior Girder 1	0	0.95	1	1	2.044218
Overweight Permit_serv	BOBJ1	59	160	After	Interior Girder 2	0	0.95	1	1	2.667463
Overweight Permit_serv	BOBJ1	59	160	After	Interior Girder 3	0	0.95	1	1	2.315357
Overweight Permit_serv	BOBJ1	59	160	After	Interior Girder 4	0	0.95	1	1	2.318019
Overweight Permit_serv	BOBJ1	59	160	After	Interior Girder 5	0	0.95	1	1	2.656448
Overweight Permit_serv	BOBJ1	59	160	After	Interior Girder 6	0	0.95	1	1	2.044218
Overweight Permit_serv	BOBJ1	59	160	After	Right Exterior Girder	0	0.95	1	1	2.028379
Overweight Permit_serv	BOBJ1	60	166	Before	Left Exterior Girder	6	0.95	1	1	3.603275
Overweight Permit_serv	BOBJ1	60	166	Before	Right Exterior Girder	6	0.95	1	1	3.603275
Overweight Permit_serv	BOBJ1	61	166	After	Left Exterior Girder	6	0.95	1	1	2.355116
Overweight Permit_serv	BOBJ1	61	166	After	Right Exterior Girder	6	0.95	1	1	2.355116
Overweight Permit_serv	BOBJ1	62	168	Before	Left Exterior Girder	8	0.95	1	1	3.012281
Overweight Permit_serv	BOBJ1	62	168	Before	Interior Girder 1	8	0.95	1	1	4.118223
Overweight Permit_serv	BOBJ1	62	168	Before	Interior Girder 2	8	0.95	1	1	5.175865
Overweight Permit_serv	BOBJ1	62	168	Before	Interior Girder 3	8	0.95	1	1	5.020825
Overweight Permit_serv	BOBJ1	62	168	Before	Interior Girder 4	8	0.95	1	1	5.019433
Overweight Permit_serv	BOBJ1	62	168	Before	Interior Girder 5	8	0.95	1	1	5.163141
Overweight Permit_serv	BOBJ1	62	168	Before	Interior Girder 6	8	0.95	1	1	4.118223
Overweight Permit_serv	BOBJ1	62	168	Before	Right Exterior Girder	8	0.95	1	1	3.012281
Overweight Permit_serv	BOBJ1	63	168	After	Left Exterior Girder	8	0.95	1	1	2.913817
Overweight Permit_serv	BOBJ1	63	168	After	Interior Girder 1	8	0.95	1	1	4.304062
Overweight Permit_serv	BOBJ1	63	168	After	Interior Girder 2	8	0.95	1	1	5.211734
Overweight Permit_serv	BOBJ1	63	168	After	Interior Girder 3	8	0.95	1	1	5.017364
Overweight Permit_serv	BOBJ1	63	168	After	Interior Girder 4	8	0.95	1	1	5.016192
Overweight Permit_serv	BOBJ1	63	168	After	Interior Girder 5	8	0.95	1	1	5.19843
Overweight Permit_serv	BOBJ1	63	168	After	Interior Girder 6	8	0.95	1	1	4.304756
Overweight Permit_serv	BOBJ1	63	168	After	Right Exterior Girder	8	0.95	1	1	2.913817
Overweight Permit_serv	BOBJ1	64	170	Before	Interior Girder 1	10	0.95	1	1	5.17894
Overweight Permit_serv	BOBJ1	64	170	Before	Interior Girder 2	10	0.95	1	1	6.143773
Overweight Permit_serv	BOBJ1	64	170	Before	Interior Girder 3	10	0.95	1	1	6.104321
Overweight Permit_serv	BOBJ1	64	170	Before	Interior Girder 4	10	0.95	1	1	6.102393
Overweight Permit_serv	BOBJ1	64	170	Before	Interior Girder 5	10	0.95	1	1	6.129715
Overweight Permit_serv	BOBJ1	64	170	Before	Interior Girder 6	10	0.95	1	1	5.179643
Overweight Permit_serv	BOBJ1	65	170	After	Interior Girder 1	10	0.95	1	1	2.495138
Overweight Permit_serv	BOBJ1	65	170	After	Interior Girder 2	10	0.95	1	1	3.035986
Overweight Permit_serv	BOBJ1	65	170	After	Interior Girder 3	10	0.95	1	1	2.953124
Overweight Permit_serv	BOBJ1	65	170	After	Interior Girder 4	10	0.95	1	1	2.952387
Overweight Permit_serv	BOBJ1	65	170	After	Interior Girder 5	10	0.95	1	1	3.026575
Overweight Permit_serv	BOBJ1	65	170	After	Interior Girder 6	10	0.95	1	1	2.495535
Overweight Permit_serv	BOBJ1	66	176	Before	Left Exterior Girder	16	0.95	1	1	5.900087
Overweight Permit_serv	BOBJ1	66	176	Before	Interior Girder 1	16	0.95	1	1	4.205477
Overweight Permit_serv	BOBJ1	66	176	Before	Interior Girder 2	16	0.95	1	1	4.975318
Overweight Permit_serv	BOBJ1	66	176	Before	Interior Girder 3	16	0.95	1	1	5.552939
Overweight Permit_serv	BOBJ1	66	176	Before	Interior Girder 4	16	0.95	1	1	5.550817
Overweight Permit_serv	BOBJ1	66	176	Before	Interior Girder 5	16	0.95	1	1	4.961083
Overweight Permit_serv	BOBJ1	66	176	Before	Interior Girder 6	16	0.95	1	1	4.20574
Overweight Permit_serv	BOBJ1	66	176	Before	Right Exterior Girder	16	0.95	1	1	5.902523
Overweight Permit_serv	BOBJ1	67	176	After	Left Exterior Girder	16	0.95	1	1	5.838245
Overweight Permit_serv	BOBJ1	67	176	After	Interior Girder 1	16	0.95	1	1	4.256055
Overweight Permit_serv	BOBJ1	67	176	After	Interior Girder 2	16	0.95	1	1	4.999607
Overweight Permit_serv	BOBJ1	67	176	After	Interior Girder 3	16	0.95	1	1	5.513595
Overweight Permit_serv	BOBJ1	67	176	After	Interior Girder 4	16	0.95	1	1	5.511763
Overweight Permit_serv	BOBJ1	67	176	After	Interior Girder 5	16	0.95	1	1	4.980543
Overweight Permit_serv	BOBJ1	67	176	After	Interior Girder 6	16	0.95	1	1	4.256413
Overweight Permit_serv	BOBJ1	67	176	After	Right Exterior Girder	16	0.95	1	1	5.838808
Overweight Permit_serv	BOBJ1	68	181	Before	Interior Girder 1	21	0.95	1	1	3.509633
Overweight Permit_serv	BOBJ1	68	181	Before	Interior Girder 2	21	0.95	1	1	3.832123
Overweight Permit_serv	BOBJ1	68	181	Before	Interior Girder 3	21	0.95	1	1	3.739624
Overweight Permit_serv	BOBJ1	68	181	Before	Interior Girder 4	21	0.95	1	1	3.755216
Overweight Permit_serv	BOBJ1	68	181	Before	Interior Girder 5	21	0.95	1	1	3.828825
Overweight Permit_serv	BOBJ1	68	181	Before	Interior Girder 6	21	0.95	1	1	3.513679
Overweight Permit_serv	BOBJ1	69	181	After	Interior Girder 1	21	0.95	1	1	5.626797
Overweight Permit_serv	BOBJ1	69	181	After	Interior Girder 2	21	0.95	1	1	6.107919
Overweight Permit_serv	BOBJ1	69	181	After	Interior Girder 3	21	0.95	1	1	6.096444
Overweight Permit_serv	BOBJ1	69	181	After	Interior Girder 4	21	0.95	1	1	6.126216
Overweight Permit_serv	BOBJ1	69	181	After	Interior Girder 5	21	0.95	1	1	6.100565
Overweight Permit_serv	BOBJ1	69	181	After	Interior Girder 6	21	0.95	1	1	5.633577
Overweight Permit_serv	BOBJ1	70	184	Before	Left Exterior Girder	24	0.95	1	1	4.04231
Overweight Permit_serv	BOBJ1	70	184	Before	Interior Girder 1	24	0.95	1	1	4.568747
Overweight Permit_serv	BOBJ1	70	184	Before	Interior Girder 2	24	0.95	1	1	5.096249
Overweight Permit_serv	BOBJ1	70	184	Before	Interior Girder 3	24	0.95	1	1	5.078418

TABLE: Bridge Super Rating AASHTORATE18 31 - SteelICompServ-Flx - Approach, Span 4-6										
Request	BridgeObj	BridgeCut	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	Unitless	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Overweight Permit_serv	BOBJ1	70	184	Before	Interior Girder 4	24	0.95	1	1	5.098708
Overweight Permit_serv	BOBJ1	70	184	Before	Interior Girder 5	24	0.95	1	1	5.083986
Overweight Permit_serv	BOBJ1	70	184	Before	Interior Girder 6	24	0.95	1	1	4.575615
Overweight Permit_serv	BOBJ1	70	184	Before	Right Exterior Girder	24	0.95	1	1	4.04231
Overweight Permit_serv	BOBJ1	71	184	After	Left Exterior Girder	24	0.95	1	1	4.160036
Overweight Permit_serv	BOBJ1	71	184	After	Interior Girder 1	24	0.95	1	1	4.510347
Overweight Permit_serv	BOBJ1	71	184	After	Interior Girder 2	24	0.95	1	1	5.125052
Overweight Permit_serv	BOBJ1	71	184	After	Interior Girder 3	24	0.95	1	1	5.14566
Overweight Permit_serv	BOBJ1	71	184	After	Interior Girder 4	24	0.95	1	1	5.169601
Overweight Permit_serv	BOBJ1	71	184	After	Interior Girder 5	24	0.95	1	1	5.119106
Overweight Permit_serv	BOBJ1	71	184	After	Interior Girder 6	24	0.95	1	1	4.516939
Overweight Permit_serv	BOBJ1	71	184	After	Right Exterior Girder	24	0.95	1	1	4.160036
Overweight Permit_serv	BOBJ1	72	192	Before	Left Exterior Girder	32	0.95	1	1	3.047045
Overweight Permit_serv	BOBJ1	72	192	Before	Interior Girder 1	32	0.95	1	1	3.290142
Overweight Permit_serv	BOBJ1	72	192	Before	Interior Girder 2	32	0.95	1	1	3.832899
Overweight Permit_serv	BOBJ1	72	192	Before	Interior Girder 3	32	0.95	1	1	4.05657
Overweight Permit_serv	BOBJ1	72	192	Before	Interior Girder 4	32	0.95	1	1	4.058814
Overweight Permit_serv	BOBJ1	72	192	Before	Interior Girder 5	32	0.95	1	1	3.831017
Overweight Permit_serv	BOBJ1	72	192	Before	Interior Girder 6	32	0.95	1	1	3.289939
Overweight Permit_serv	BOBJ1	72	192	Before	Right Exterior Girder	32	0.95	1	1	3.047045
Overweight Permit_serv	BOBJ1	73	192	After	Left Exterior Girder	32	0.95	1	1	3.09271
Overweight Permit_serv	BOBJ1	73	192	After	Interior Girder 1	32	0.95	1	1	3.251567
Overweight Permit_serv	BOBJ1	73	192	After	Interior Girder 2	32	0.95	1	1	3.808447
Overweight Permit_serv	BOBJ1	73	192	After	Interior Girder 3	32	0.95	1	1	4.075942
Overweight Permit_serv	BOBJ1	73	192	After	Interior Girder 4	32	0.95	1	1	4.080847
Overweight Permit_serv	BOBJ1	73	192	After	Interior Girder 5	32	0.95	1	1	3.807787
Overweight Permit_serv	BOBJ1	73	192	After	Interior Girder 6	32	0.95	1	1	3.251523
Overweight Permit_serv	BOBJ1	73	192	After	Right Exterior Girder	32	0.95	1	1	3.09271
Overweight Permit_serv	BOBJ1	74	200	Before	Left Exterior Girder	40	0.95	1	1	2.5806
Overweight Permit_serv	BOBJ1	74	200	Before	Interior Girder 1	40	0.95	1	1	2.610244
Overweight Permit_serv	BOBJ1	74	200	Before	Interior Girder 2	40	0.95	1	1	3.135512
Overweight Permit_serv	BOBJ1	74	200	Before	Interior Girder 3	40	0.95	1	1	3.272265
Overweight Permit_serv	BOBJ1	74	200	Before	Interior Girder 4	40	0.95	1	1	3.278877
Overweight Permit_serv	BOBJ1	74	200	Before	Interior Girder 5	40	0.95	1	1	3.128615
Overweight Permit_serv	BOBJ1	74	200	Before	Interior Girder 6	40	0.95	1	1	2.613107
Overweight Permit_serv	BOBJ1	74	200	Before	Right Exterior Girder	40	0.95	1	1	2.5806
Overweight Permit_serv	BOBJ1	75	200	After	Left Exterior Girder	40	0.95	1	1	2.606185
Overweight Permit_serv	BOBJ1	75	200	After	Interior Girder 1	40	0.95	1	1	2.595492
Overweight Permit_serv	BOBJ1	75	200	After	Interior Girder 2	40	0.95	1	1	3.131261
Overweight Permit_serv	BOBJ1	75	200	After	Interior Girder 3	40	0.95	1	1	3.276632
Overweight Permit_serv	BOBJ1	75	200	After	Interior Girder 4	40	0.95	1	1	3.285486
Overweight Permit_serv	BOBJ1	75	200	After	Interior Girder 5	40	0.95	1	1	3.126869
Overweight Permit_serv	BOBJ1	75	200	After	Interior Girder 6	40	0.95	1	1	2.598293
Overweight Permit_serv	BOBJ1	75	200	After	Right Exterior Girder	40	0.95	1	1	2.606185
Overweight Permit_serv	BOBJ1	76	208	Before	Left Exterior Girder	48	0.95	1	1	2.462237
Overweight Permit_serv	BOBJ1	76	208	Before	Interior Girder 1	48	0.95	1	1	2.572788
Overweight Permit_serv	BOBJ1	76	208	Before	Interior Girder 2	48	0.95	1	1	3.076922
Overweight Permit_serv	BOBJ1	76	208	Before	Interior Girder 3	48	0.95	1	1	3.34154
Overweight Permit_serv	BOBJ1	76	208	Before	Interior Girder 4	48	0.95	1	1	3.343246
Overweight Permit_serv	BOBJ1	76	208	Before	Interior Girder 5	48	0.95	1	1	3.075677
Overweight Permit_serv	BOBJ1	76	208	Before	Interior Girder 6	48	0.95	1	1	2.572741
Overweight Permit_serv	BOBJ1	76	208	Before	Right Exterior Girder	48	0.95	1	1	2.462237
Overweight Permit_serv	BOBJ1	77	208	After	Left Exterior Girder	48	0.95	1	1	2.44104
Overweight Permit_serv	BOBJ1	77	208	After	Interior Girder 1	48	0.95	1	1	2.570451
Overweight Permit_serv	BOBJ1	77	208	After	Interior Girder 2	48	0.95	1	1	3.087557
Overweight Permit_serv	BOBJ1	77	208	After	Interior Girder 3	48	0.95	1	1	3.3235
Overweight Permit_serv	BOBJ1	77	208	After	Interior Girder 4	48	0.95	1	1	3.324286
Overweight Permit_serv	BOBJ1	77	208	After	Interior Girder 5	48	0.95	1	1	3.086139
Overweight Permit_serv	BOBJ1	77	208	After	Interior Girder 6	48	0.95	1	1	2.570321
Overweight Permit_serv	BOBJ1	77	208	After	Right Exterior Girder	48	0.95	1	1	2.44104
Overweight Permit_serv	BOBJ1	78	216	Before	Left Exterior Girder	56	0.95	1	1	2.803592
Overweight Permit_serv	BOBJ1	78	216	Before	Interior Girder 1	56	0.95	1	1	2.717099
Overweight Permit_serv	BOBJ1	78	216	Before	Interior Girder 2	56	0.95	1	1	3.270781
Overweight Permit_serv	BOBJ1	78	216	Before	Interior Girder 3	56	0.95	1	1	3.379354
Overweight Permit_serv	BOBJ1	78	216	Before	Interior Girder 4	56	0.95	1	1	3.391408
Overweight Permit_serv	BOBJ1	78	216	Before	Interior Girder 5	56	0.95	1	1	3.263471
Overweight Permit_serv	BOBJ1	78	216	Before	Interior Girder 6	56	0.95	1	1	2.720154
Overweight Permit_serv	BOBJ1	78	216	Before	Right Exterior Girder	56	0.95	1	1	2.803592
Overweight Permit_serv	BOBJ1	79	216	After	Left Exterior Girder	56	0.95	1	1	2.727136
Overweight Permit_serv	BOBJ1	79	216	After	Interior Girder 1	56	0.95	1	1	2.7308
Overweight Permit_serv	BOBJ1	79	216	After	Interior Girder 2	56	0.95	1	1	3.257495
Overweight Permit_serv	BOBJ1	79	216	After	Interior Girder 3	56	0.95	1	1	3.333436
Overweight Permit_serv	BOBJ1	79	216	After	Interior Girder 4	56	0.95	1	1	3.341259

TABLE: Bridge Super Rating AASHTORATE18 31 - SteelICompServ-Flx - Approach, Span 4-6										
Request	BridgeObj	BridgeCut	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	Unitless	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Overweight Permit_serv	BOBJ1	79	216	After	Interior Girder 5	56	0.95	1	1	3.25025
Overweight Permit_serv	BOBJ1	79	216	After	Interior Girder 6	56	0.95	1	1	2.733952
Overweight Permit_serv	BOBJ1	79	216	After	Right Exterior Girder	56	0.95	1	1	2.727136
Overweight Permit_serv	BOBJ1	80	224	Before	Left Exterior Girder	64	0.95	1	1	3.677157
Overweight Permit_serv	BOBJ1	80	224	Before	Interior Girder 1	64	0.95	1	1	3.768498
Overweight Permit_serv	BOBJ1	80	224	Before	Interior Girder 2	64	0.95	1	1	4.371562
Overweight Permit_serv	BOBJ1	80	224	Before	Interior Girder 3	64	0.95	1	1	4.582078
Overweight Permit_serv	BOBJ1	80	224	Before	Interior Girder 4	64	0.95	1	1	4.584329
Overweight Permit_serv	BOBJ1	80	224	Before	Interior Girder 5	64	0.95	1	1	4.372456
Overweight Permit_serv	BOBJ1	80	224	Before	Interior Girder 6	64	0.95	1	1	3.768047
Overweight Permit_serv	BOBJ1	80	224	Before	Right Exterior Girder	64	0.95	1	1	3.677157
Overweight Permit_serv	BOBJ1	81	224	After	Left Exterior Girder	64	0.95	1	1	3.561056
Overweight Permit_serv	BOBJ1	81	224	After	Interior Girder 1	64	0.95	1	1	3.823246
Overweight Permit_serv	BOBJ1	81	224	After	Interior Girder 2	64	0.95	1	1	4.39515
Overweight Permit_serv	BOBJ1	81	224	After	Interior Girder 3	64	0.95	1	1	4.463994
Overweight Permit_serv	BOBJ1	81	224	After	Interior Girder 4	64	0.95	1	1	4.466364
Overweight Permit_serv	BOBJ1	81	224	After	Interior Girder 5	64	0.95	1	1	4.39465
Overweight Permit_serv	BOBJ1	81	224	After	Interior Girder 6	64	0.95	1	1	3.822882
Overweight Permit_serv	BOBJ1	81	224	After	Right Exterior Girder	64	0.95	1	1	3.561056
Overweight Permit_serv	BOBJ1	82	232	Before	Left Exterior Girder	72	0.95	1	1	6.722611
Overweight Permit_serv	BOBJ1	82	232	Before	Interior Girder 1	72	0.95	1	1	6.815303
Overweight Permit_serv	BOBJ1	82	232	Before	Interior Girder 2	72	0.95	1	1	7.579473
Overweight Permit_serv	BOBJ1	82	232	Before	Interior Girder 3	72	0.95	1	1	7.491399
Overweight Permit_serv	BOBJ1	82	232	Before	Interior Girder 4	72	0.95	1	1	7.527993
Overweight Permit_serv	BOBJ1	82	232	Before	Interior Girder 5	72	0.95	1	1	7.571676
Overweight Permit_serv	BOBJ1	82	232	Before	Interior Girder 6	72	0.95	1	1	6.827173
Overweight Permit_serv	BOBJ1	82	232	Before	Right Exterior Girder	72	0.95	1	1	6.722611
Overweight Permit_serv	BOBJ1	83	232	After	Left Exterior Girder	72	0.95	1	1	6.453136
Overweight Permit_serv	BOBJ1	83	232	After	Interior Girder 1	72	0.95	1	1	6.807653
Overweight Permit_serv	BOBJ1	83	232	After	Interior Girder 2	72	0.95	1	1	7.355841
Overweight Permit_serv	BOBJ1	83	232	After	Interior Girder 3	72	0.95	1	1	7.024061
Overweight Permit_serv	BOBJ1	83	232	After	Interior Girder 4	72	0.95	1	1	7.060817
Overweight Permit_serv	BOBJ1	83	232	After	Interior Girder 5	72	0.95	1	1	7.346613
Overweight Permit_serv	BOBJ1	83	232	After	Interior Girder 6	72	0.95	1	1	6.822248
Overweight Permit_serv	BOBJ1	83	232	After	Right Exterior Girder	72	0.95	1	1	6.453136
Overweight Permit_serv	BOBJ1	84	240	Before	Left Exterior Girder	80	0.95	1	1	45.058217
Overweight Permit_serv	BOBJ1	84	240	Before	Interior Girder 1	80	0.95	1	1	32.028434
Overweight Permit_serv	BOBJ1	84	240	Before	Interior Girder 2	80	0.95	1	1	29.151472
Overweight Permit_serv	BOBJ1	84	240	Before	Interior Girder 3	80	0.95	1	1	21.314753
Overweight Permit_serv	BOBJ1	84	240	Before	Interior Girder 4	80	0.95	1	1	21.457631
Overweight Permit_serv	BOBJ1	84	240	Before	Interior Girder 5	80	0.95	1	1	28.905022
Overweight Permit_serv	BOBJ1	84	240	Before	Interior Girder 6	80	0.95	1	1	32.028434
Overweight Permit_serv	BOBJ1	84	240	Before	Right Exterior Girder	80	0.95	1	1	45.058217

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelINonCompStrgth-Flx - Approach, Span 7-11									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
HL93_str_opr	BOBJ1	0	After	Left Exterior Girder	0	0.95	1	1	240.941901
HL93_str_opr	BOBJ1	0	After	Interior Girder 1	0	0.95	1	1	197.625271
HL93_str_opr	BOBJ1	0	After	Interior Girder 2	0	0.95	1	1	171.228806
HL93_str_opr	BOBJ1	0	After	Interior Girder 3	0	0.95	1	1	119.377453
HL93_str_opr	BOBJ1	0	After	Interior Girder 4	0	0.95	1	1	119.377453
HL93_str_opr	BOBJ1	0	After	Interior Girder 5	0	0.95	1	1	171.228806
HL93_str_opr	BOBJ1	0	After	Interior Girder 6	0	0.95	1	1	197.625274
HL93_str_opr	BOBJ1	0	After	Right Exterior Girder	0	0.95	1	1	240.941901
HL93_str_opr	BOBJ1	9.4	Before	Left Exterior Girder	9.4	0.95	1	1	3.116379
HL93_str_opr	BOBJ1	9.4	Before	Interior Girder 1	9.4	0.95	1	1	2.169131
HL93_str_opr	BOBJ1	9.4	Before	Interior Girder 2	9.4	0.95	1	1	2.056779
HL93_str_opr	BOBJ1	9.4	Before	Interior Girder 3	9.4	0.95	1	1	1.942047
HL93_str_opr	BOBJ1	9.4	Before	Interior Girder 4	9.4	0.95	1	1	1.942047
HL93_str_opr	BOBJ1	9.4	Before	Interior Girder 5	9.4	0.95	1	1	2.056779
HL93_str_opr	BOBJ1	9.4	Before	Interior Girder 6	9.4	0.95	1	1	2.169131
HL93_str_opr	BOBJ1	9.4	Before	Right Exterior Girder	9.4	0.95	1	1	3.116379
HL93_str_opr	BOBJ1	9.4	After	Left Exterior Girder	9.4	0.95	1	1	3.131644
HL93_str_opr	BOBJ1	9.4	After	Interior Girder 1	9.4	0.95	1	1	2.157277
HL93_str_opr	BOBJ1	9.4	After	Interior Girder 2	9.4	0.95	1	1	2.093675
HL93_str_opr	BOBJ1	9.4	After	Interior Girder 3	9.4	0.95	1	1	2.007874
HL93_str_opr	BOBJ1	9.4	After	Interior Girder 4	9.4	0.95	1	1	2.007874
HL93_str_opr	BOBJ1	9.4	After	Interior Girder 5	9.4	0.95	1	1	2.093675
HL93_str_opr	BOBJ1	9.4	After	Interior Girder 6	9.4	0.95	1	1	2.157277
HL93_str_opr	BOBJ1	9.4	After	Right Exterior Girder	9.4	0.95	1	1	3.131644
HL93_str_opr	BOBJ1	18.8	Before	Left Exterior Girder	18.8	0.95	1	1	1.721457
HL93_str_opr	BOBJ1	18.8	Before	Interior Girder 1	18.8	0.95	1	1	1.553125
HL93_str_opr	BOBJ1	18.8	Before	Interior Girder 2	18.8	0.95	1	1	1.481628
HL93_str_opr	BOBJ1	18.8	Before	Interior Girder 3	18.8	0.95	1	1	1.469359
HL93_str_opr	BOBJ1	18.8	Before	Interior Girder 4	18.8	0.95	1	1	1.469359
HL93_str_opr	BOBJ1	18.8	Before	Interior Girder 5	18.8	0.95	1	1	1.481628
HL93_str_opr	BOBJ1	18.8	Before	Interior Girder 6	18.8	0.95	1	1	1.553125
HL93_str_opr	BOBJ1	18.8	Before	Right Exterior Girder	18.8	0.95	1	1	1.721457
HL93_str_opr	BOBJ1	18.8	After	Left Exterior Girder	18.8	0.95	1	1	1.742018
HL93_str_opr	BOBJ1	18.8	After	Interior Girder 1	18.8	0.95	1	1	1.538052
HL93_str_opr	BOBJ1	18.8	After	Interior Girder 2	18.8	0.95	1	1	1.48372
HL93_str_opr	BOBJ1	18.8	After	Interior Girder 3	18.8	0.95	1	1	1.481529
HL93_str_opr	BOBJ1	18.8	After	Interior Girder 4	18.8	0.95	1	1	1.481529
HL93_str_opr	BOBJ1	18.8	After	Interior Girder 5	18.8	0.95	1	1	1.48372
HL93_str_opr	BOBJ1	18.8	After	Interior Girder 6	18.8	0.95	1	1	1.538052
HL93_str_opr	BOBJ1	18.8	After	Right Exterior Girder	18.8	0.95	1	1	1.742018
HL93_str_opr	BOBJ1	28.2	Before	Left Exterior Girder	28.2	0.95	1	1	1.881815
HL93_str_opr	BOBJ1	28.2	Before	Interior Girder 1	28.2	0.95	1	1	1.467585
HL93_str_opr	BOBJ1	28.2	Before	Interior Girder 2	28.2	0.95	1	1	1.429876
HL93_str_opr	BOBJ1	28.2	Before	Interior Girder 3	28.2	0.95	1	1	1.395356
HL93_str_opr	BOBJ1	28.2	Before	Interior Girder 4	28.2	0.95	1	1	1.395356
HL93_str_opr	BOBJ1	28.2	Before	Interior Girder 5	28.2	0.95	1	1	1.429876
HL93_str_opr	BOBJ1	28.2	Before	Interior Girder 6	28.2	0.95	1	1	1.467585
HL93_str_opr	BOBJ1	28.2	Before	Right Exterior Girder	28.2	0.95	1	1	1.881815
HL93_str_opr	BOBJ1	28.2	After	Left Exterior Girder	28.2	0.95	1	1	1.872506
HL93_str_opr	BOBJ1	28.2	After	Interior Girder 1	28.2	0.95	1	1	1.471148
HL93_str_opr	BOBJ1	28.2	After	Interior Girder 2	28.2	0.95	1	1	1.42696
HL93_str_opr	BOBJ1	28.2	After	Interior Girder 3	28.2	0.95	1	1	1.386657
HL93_str_opr	BOBJ1	28.2	After	Interior Girder 4	28.2	0.95	1	1	1.386657
HL93_str_opr	BOBJ1	28.2	After	Interior Girder 5	28.2	0.95	1	1	1.42696
HL93_str_opr	BOBJ1	28.2	After	Interior Girder 6	28.2	0.95	1	1	1.471148
HL93_str_opr	BOBJ1	28.2	After	Right Exterior Girder	28.2	0.95	1	1	1.872506
HL93_str_opr	BOBJ1	37.6	Before	Left Exterior Girder	37.6	0.95	1	1	2.69688
HL93_str_opr	BOBJ1	37.6	Before	Interior Girder 1	37.6	0.95	1	1	2.272267
HL93_str_opr	BOBJ1	37.6	Before	Interior Girder 2	37.6	0.95	1	1	2.146265
HL93_str_opr	BOBJ1	37.6	Before	Interior Girder 3	37.6	0.95	1	1	2.130694
HL93_str_opr	BOBJ1	37.6	Before	Interior Girder 4	37.6	0.95	1	1	2.130694
HL93_str_opr	BOBJ1	37.6	Before	Interior Girder 5	37.6	0.95	1	1	2.146265
HL93_str_opr	BOBJ1	37.6	Before	Interior Girder 6	37.6	0.95	1	1	2.272267
HL93_str_opr	BOBJ1	37.6	Before	Right Exterior Girder	37.6	0.95	1	1	2.69688
HL93_str_opr	BOBJ1	37.6	After	Left Exterior Girder	37.6	0.95	1	1	2.640414

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelINonCompStrgth-Flx - Approach, Span 7-11									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
HL93_str_opr	BOBJ1	37.6	After	Interior Girder 1	37.6	0.95	1	1	2.311691
HL93_str_opr	BOBJ1	37.6	After	Interior Girder 2	37.6	0.95	1	1	2.143583
HL93_str_opr	BOBJ1	37.6	After	Interior Girder 3	37.6	0.95	1	1	2.099832
HL93_str_opr	BOBJ1	37.6	After	Interior Girder 4	37.6	0.95	1	1	2.099832
HL93_str_opr	BOBJ1	37.6	After	Interior Girder 5	37.6	0.95	1	1	2.143583
HL93_str_opr	BOBJ1	37.6	After	Interior Girder 6	37.6	0.95	1	1	2.311691
HL93_str_opr	BOBJ1	37.6	After	Right Exterior Girder	37.6	0.95	1	1	2.640414
HL93_str_opr	BOBJ1	47.01	Before	Left Exterior Girder	47.01	0.95	1	1	2.588701
HL93_str_opr	BOBJ1	47.01	Before	Interior Girder 1	47.01	0.95	1	1	2.673678
HL93_str_opr	BOBJ1	47.01	Before	Interior Girder 2	47.01	0.95	1	1	2.631104
HL93_str_opr	BOBJ1	47.01	Before	Interior Girder 3	47.01	0.95	1	1	2.585188
HL93_str_opr	BOBJ1	47.01	Before	Interior Girder 4	47.01	0.95	1	1	2.585188
HL93_str_opr	BOBJ1	47.01	Before	Interior Girder 5	47.01	0.95	1	1	2.631104
HL93_str_opr	BOBJ1	47.01	Before	Interior Girder 6	47.01	0.95	1	1	2.673678
HL93_str_opr	BOBJ1	47.01	Before	Right Exterior Girder	47.01	0.95	1	1	2.588701
HL93_str_opr	BOBJ1	47.01	After	Left Exterior Girder	47.01	0.95	1	1	2.661982
HL93_str_opr	BOBJ1	47.01	After	Interior Girder 1	47.01	0.95	1	1	2.624661
HL93_str_opr	BOBJ1	47.01	After	Interior Girder 2	47.01	0.95	1	1	2.604265
HL93_str_opr	BOBJ1	47.01	After	Interior Girder 3	47.01	0.95	1	1	2.587338
HL93_str_opr	BOBJ1	47.01	After	Interior Girder 4	47.01	0.95	1	1	2.587338
HL93_str_opr	BOBJ1	47.01	After	Interior Girder 5	47.01	0.95	1	1	2.604265
HL93_str_opr	BOBJ1	47.01	After	Interior Girder 6	47.01	0.95	1	1	2.624661
HL93_str_opr	BOBJ1	47.01	After	Right Exterior Girder	47.01	0.95	1	1	2.661982
HL93_str_opr	BOBJ1	49.42	Before	Left Exterior Girder	49.42	0.95	1	1	2.108395
HL93_str_opr	BOBJ1	49.42	Before	Right Exterior Girder	49.42	0.95	1	1	2.108395
HL93_str_opr	BOBJ1	49.42	After	Left Exterior Girder	49.42	0.95	1	1	3.828718
HL93_str_opr	BOBJ1	49.42	After	Right Exterior Girder	49.42	0.95	1	1	3.828718
HL93_str_opr	BOBJ1	51.92	Before	Interior Girder 1	51.92	0.95	1	1	1.803903
HL93_str_opr	BOBJ1	51.92	Before	Interior Girder 2	51.92	0.95	1	1	1.805124
HL93_str_opr	BOBJ1	51.92	Before	Interior Girder 3	51.92	0.95	1	1	1.66266
HL93_str_opr	BOBJ1	51.92	Before	Interior Girder 4	51.92	0.95	1	1	1.66266
HL93_str_opr	BOBJ1	51.92	Before	Interior Girder 5	51.92	0.95	1	1	1.805124
HL93_str_opr	BOBJ1	51.92	Before	Interior Girder 6	51.92	0.95	1	1	1.803903
HL93_str_opr	BOBJ1	51.92	After	Interior Girder 1	51.92	0.95	1	1	2.26049
HL93_str_opr	BOBJ1	51.92	After	Interior Girder 2	51.92	0.95	1	1	2.211418
HL93_str_opr	BOBJ1	51.92	After	Interior Girder 3	51.92	0.95	1	1	2.06589
HL93_str_opr	BOBJ1	51.92	After	Interior Girder 4	51.92	0.95	1	1	2.06589
HL93_str_opr	BOBJ1	51.92	After	Interior Girder 5	51.92	0.95	1	1	2.211418
HL93_str_opr	BOBJ1	51.92	After	Interior Girder 6	51.92	0.95	1	1	2.26049
HL93_str_opr	BOBJ1	56.42	Before	Left Exterior Girder	56.42	0.95	1	1	2.190531
HL93_str_opr	BOBJ1	56.42	Before	Interior Girder 1	56.42	0.95	1	1	1.449618
HL93_str_opr	BOBJ1	56.42	Before	Interior Girder 2	56.42	0.95	1	1	1.445239
HL93_str_opr	BOBJ1	56.42	Before	Interior Girder 3	56.42	0.95	1	1	1.178091
HL93_str_opr	BOBJ1	56.42	Before	Interior Girder 4	56.42	0.95	1	1	1.178091
HL93_str_opr	BOBJ1	56.42	Before	Interior Girder 5	56.42	0.95	1	1	1.445239
HL93_str_opr	BOBJ1	56.42	Before	Interior Girder 6	56.42	0.95	1	1	1.449618
HL93_str_opr	BOBJ1	56.42	Before	Right Exterior Girder	56.42	0.95	1	1	2.190531
HL93_str_opr	BOBJ1	56.42	After	Left Exterior Girder	0	0.95	1	1	2.255679
HL93_str_opr	BOBJ1	56.42	After	Interior Girder 1	0	0.95	1	1	1.48827
HL93_str_opr	BOBJ1	56.42	After	Interior Girder 2	0	0.95	1	1	1.48339
HL93_str_opr	BOBJ1	56.42	After	Interior Girder 3	0	0.95	1	1	1.221066
HL93_str_opr	BOBJ1	56.42	After	Interior Girder 4	0	0.95	1	1	1.221066
HL93_str_opr	BOBJ1	56.42	After	Interior Girder 5	0	0.95	1	1	1.48339
HL93_str_opr	BOBJ1	56.42	After	Interior Girder 6	0	0.95	1	1	1.48827
HL93_str_opr	BOBJ1	56.42	After	Right Exterior Girder	0	0.95	1	1	2.255679
HL93_str_opr	BOBJ1	60.92	Before	Interior Girder 1	4.5	0.95	1	1	2.623023
HL93_str_opr	BOBJ1	60.92	Before	Interior Girder 2	4.5	0.95	1	1	2.517419
HL93_str_opr	BOBJ1	60.92	Before	Interior Girder 3	4.5	0.95	1	1	2.282413
HL93_str_opr	BOBJ1	60.92	Before	Interior Girder 4	4.5	0.95	1	1	2.282413
HL93_str_opr	BOBJ1	60.92	Before	Interior Girder 5	4.5	0.95	1	1	2.517419
HL93_str_opr	BOBJ1	60.92	Before	Interior Girder 6	4.5	0.95	1	1	2.623023
HL93_str_opr	BOBJ1	60.92	After	Interior Girder 1	4.5	0.95	1	1	2.096328
HL93_str_opr	BOBJ1	60.92	After	Interior Girder 2	4.5	0.95	1	1	2.057898
HL93_str_opr	BOBJ1	60.92	After	Interior Girder 3	4.5	0.95	1	1	1.84088
HL93_str_opr	BOBJ1	60.92	After	Interior Girder 4	4.5	0.95	1	1	1.84088

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelINonCompStrgth-Flx - Approach, Span 7-11									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
HL93_str_opr	BOBJ1	60.92	After	Interior Girder 5	4.5	0.95	1	1	2.057898
HL93_str_opr	BOBJ1	60.92	After	Interior Girder 6	4.5	0.95	1	1	2.096328
HL93_str_opr	BOBJ1	63.42	Before	Left Exterior Girder	7	0.95	1	1	4.730378
HL93_str_opr	BOBJ1	63.42	Before	Right Exterior Girder	7	0.95	1	1	4.730378
HL93_str_opr	BOBJ1	63.42	After	Left Exterior Girder	7	0.95	1	1	2.597335
HL93_str_opr	BOBJ1	63.42	After	Right Exterior Girder	7	0.95	1	1	2.597335
HL93_str_opr	BOBJ1	64.845	Before	Left Exterior Girder	8.425	0.95	1	1	3.024294
HL93_str_opr	BOBJ1	64.845	Before	Interior Girder 1	8.425	0.95	1	1	2.914109
HL93_str_opr	BOBJ1	64.845	Before	Interior Girder 2	8.425	0.95	1	1	2.812708
HL93_str_opr	BOBJ1	64.845	Before	Interior Girder 3	8.425	0.95	1	1	2.712189
HL93_str_opr	BOBJ1	64.845	Before	Interior Girder 4	8.425	0.95	1	1	2.712189
HL93_str_opr	BOBJ1	64.845	Before	Interior Girder 5	8.425	0.95	1	1	2.812708
HL93_str_opr	BOBJ1	64.845	Before	Interior Girder 6	8.425	0.95	1	1	2.914109
HL93_str_opr	BOBJ1	64.845	Before	Right Exterior Girder	8.425	0.95	1	1	3.024294
HL93_str_opr	BOBJ1	64.845	After	Left Exterior Girder	8.425	0.95	1	1	2.984106
HL93_str_opr	BOBJ1	64.845	After	Interior Girder 1	8.425	0.95	1	1	2.949423
HL93_str_opr	BOBJ1	64.845	After	Interior Girder 2	8.425	0.95	1	1	2.839382
HL93_str_opr	BOBJ1	64.845	After	Interior Girder 3	8.425	0.95	1	1	2.716641
HL93_str_opr	BOBJ1	64.845	After	Interior Girder 4	8.425	0.95	1	1	2.716641
HL93_str_opr	BOBJ1	64.845	After	Interior Girder 5	8.425	0.95	1	1	2.839382
HL93_str_opr	BOBJ1	64.845	After	Interior Girder 6	8.425	0.95	1	1	2.949423
HL93_str_opr	BOBJ1	64.845	After	Right Exterior Girder	8.425	0.95	1	1	2.984106
HL93_str_opr	BOBJ1	69.92	Before	Left Exterior Girder	13.5	0.95	1	1	4.446954
HL93_str_opr	BOBJ1	69.92	Before	Interior Girder 1	13.5	0.95	1	1	4.06061
HL93_str_opr	BOBJ1	69.92	Before	Interior Girder 2	13.5	0.95	1	1	3.6773
HL93_str_opr	BOBJ1	69.92	Before	Interior Girder 3	13.5	0.95	1	1	3.586498
HL93_str_opr	BOBJ1	69.92	Before	Interior Girder 4	13.5	0.95	1	1	3.586498
HL93_str_opr	BOBJ1	69.92	Before	Interior Girder 5	13.5	0.95	1	1	3.6773
HL93_str_opr	BOBJ1	69.92	Before	Interior Girder 6	13.5	0.95	1	1	4.06061
HL93_str_opr	BOBJ1	69.92	Before	Right Exterior Girder	13.5	0.95	1	1	4.446954
HL93_str_opr	BOBJ1	69.92	After	Left Exterior Girder	13.5	0.95	1	1	3.792934
HL93_str_opr	BOBJ1	69.92	After	Interior Girder 1	13.5	0.95	1	1	3.79958
HL93_str_opr	BOBJ1	69.92	After	Interior Girder 2	13.5	0.95	1	1	3.451003
HL93_str_opr	BOBJ1	69.92	After	Interior Girder 3	13.5	0.95	1	1	3.408993
HL93_str_opr	BOBJ1	69.92	After	Interior Girder 4	13.5	0.95	1	1	3.408993
HL93_str_opr	BOBJ1	69.92	After	Interior Girder 5	13.5	0.95	1	1	3.451003
HL93_str_opr	BOBJ1	69.92	After	Interior Girder 6	13.5	0.95	1	1	3.79958
HL93_str_opr	BOBJ1	69.92	After	Right Exterior Girder	13.5	0.95	1	1	3.792934
HL93_str_opr	BOBJ1	73.27	Before	Left Exterior Girder	16.85	0.95	1	1	3.377934
HL93_str_opr	BOBJ1	73.27	Before	Interior Girder 1	16.85	0.95	1	1	2.867358
HL93_str_opr	BOBJ1	73.27	Before	Interior Girder 2	16.85	0.95	1	1	2.635955
HL93_str_opr	BOBJ1	73.27	Before	Interior Girder 3	16.85	0.95	1	1	2.564014
HL93_str_opr	BOBJ1	73.27	Before	Interior Girder 4	16.85	0.95	1	1	2.564014
HL93_str_opr	BOBJ1	73.27	Before	Interior Girder 5	16.85	0.95	1	1	2.635955
HL93_str_opr	BOBJ1	73.27	Before	Interior Girder 6	16.85	0.95	1	1	2.867358
HL93_str_opr	BOBJ1	73.27	Before	Right Exterior Girder	16.85	0.95	1	1	3.377934
HL93_str_opr	BOBJ1	73.27	After	Left Exterior Girder	16.85	0.95	1	1	3.4656
HL93_str_opr	BOBJ1	73.27	After	Interior Girder 1	16.85	0.95	1	1	2.815435
HL93_str_opr	BOBJ1	73.27	After	Interior Girder 2	16.85	0.95	1	1	2.62142
HL93_str_opr	BOBJ1	73.27	After	Interior Girder 3	16.85	0.95	1	1	2.586601
HL93_str_opr	BOBJ1	73.27	After	Interior Girder 4	16.85	0.95	1	1	2.586601
HL93_str_opr	BOBJ1	73.27	After	Interior Girder 5	16.85	0.95	1	1	2.62142
HL93_str_opr	BOBJ1	73.27	After	Interior Girder 6	16.85	0.95	1	1	2.815435
HL93_str_opr	BOBJ1	73.27	After	Right Exterior Girder	16.85	0.95	1	1	3.4656
HL93_str_opr	BOBJ1	81.695	Before	Left Exterior Girder	25.275	0.95	1	1	1.964073
HL93_str_opr	BOBJ1	81.695	Before	Interior Girder 1	25.275	0.95	1	1	1.632082
HL93_str_opr	BOBJ1	81.695	Before	Interior Girder 2	25.275	0.95	1	1	1.580644
HL93_str_opr	BOBJ1	81.695	Before	Interior Girder 3	25.275	0.95	1	1	1.5389
HL93_str_opr	BOBJ1	81.695	Before	Interior Girder 4	25.275	0.95	1	1	1.5389
HL93_str_opr	BOBJ1	81.695	Before	Interior Girder 5	25.275	0.95	1	1	1.580644
HL93_str_opr	BOBJ1	81.695	Before	Interior Girder 6	25.275	0.95	1	1	1.632082
HL93_str_opr	BOBJ1	81.695	Before	Right Exterior Girder	25.275	0.95	1	1	1.964073
HL93_str_opr	BOBJ1	81.695	After	Left Exterior Girder	25.275	0.95	1	1	1.999952
HL93_str_opr	BOBJ1	81.695	After	Interior Girder 1	25.275	0.95	1	1	1.616507
HL93_str_opr	BOBJ1	81.695	After	Interior Girder 2	25.275	0.95	1	1	1.578471

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelINonCompStrgth-Flx - Approach, Span 7-11									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
HL93_str_opr	BOBJ1	81.695	After	Interior Girder 3	25.275	0.95	1	1	1.555759
HL93_str_opr	BOBJ1	81.695	After	Interior Girder 4	25.275	0.95	1	1	1.555759
HL93_str_opr	BOBJ1	81.695	After	Interior Girder 5	25.275	0.95	1	1	1.578471
HL93_str_opr	BOBJ1	81.695	After	Interior Girder 6	25.275	0.95	1	1	1.616507
HL93_str_opr	BOBJ1	81.695	After	Right Exterior Girder	25.275	0.95	1	1	1.999952
HL93_str_opr	BOBJ1	90.12	Before	Left Exterior Girder	33.7	0.95	1	1	1.554929
HL93_str_opr	BOBJ1	90.12	Before	Interior Girder 1	33.7	0.95	1	1	1.48272
HL93_str_opr	BOBJ1	90.12	Before	Interior Girder 2	33.7	0.95	1	1	1.455825
HL93_str_opr	BOBJ1	90.12	Before	Interior Girder 3	33.7	0.95	1	1	1.459421
HL93_str_opr	BOBJ1	90.12	Before	Interior Girder 4	33.7	0.95	1	1	1.459421
HL93_str_opr	BOBJ1	90.12	Before	Interior Girder 5	33.7	0.95	1	1	1.455825
HL93_str_opr	BOBJ1	90.12	Before	Interior Girder 6	33.7	0.95	1	1	1.48272
HL93_str_opr	BOBJ1	90.12	Before	Right Exterior Girder	33.7	0.95	1	1	1.554929
HL93_str_opr	BOBJ1	90.12	After	Left Exterior Girder	33.7	0.95	1	1	1.557741
HL93_str_opr	BOBJ1	90.12	After	Interior Girder 1	33.7	0.95	1	1	1.48204
HL93_str_opr	BOBJ1	90.12	After	Interior Girder 2	33.7	0.95	1	1	1.454013
HL93_str_opr	BOBJ1	90.12	After	Interior Girder 3	33.7	0.95	1	1	1.458732
HL93_str_opr	BOBJ1	90.12	After	Interior Girder 4	33.7	0.95	1	1	1.458732
HL93_str_opr	BOBJ1	90.12	After	Interior Girder 5	33.7	0.95	1	1	1.454013
HL93_str_opr	BOBJ1	90.12	After	Interior Girder 6	33.7	0.95	1	1	1.48204
HL93_str_opr	BOBJ1	90.12	After	Right Exterior Girder	33.7	0.95	1	1	1.557741
HL93_str_opr	BOBJ1	98.545	Before	Left Exterior Girder	42.125	0.95	1	1	1.913899
HL93_str_opr	BOBJ1	98.545	Before	Interior Girder 1	42.125	0.95	1	1	1.57555
HL93_str_opr	BOBJ1	98.545	Before	Interior Girder 2	42.125	0.95	1	1	1.54687
HL93_str_opr	BOBJ1	98.545	Before	Interior Girder 3	42.125	0.95	1	1	1.528423
HL93_str_opr	BOBJ1	98.545	Before	Interior Girder 4	42.125	0.95	1	1	1.528423
HL93_str_opr	BOBJ1	98.545	Before	Interior Girder 5	42.125	0.95	1	1	1.54687
HL93_str_opr	BOBJ1	98.545	Before	Interior Girder 6	42.125	0.95	1	1	1.57555
HL93_str_opr	BOBJ1	98.545	Before	Right Exterior Girder	42.125	0.95	1	1	1.913899
HL93_str_opr	BOBJ1	98.545	After	Left Exterior Girder	42.125	0.95	1	1	1.886572
HL93_str_opr	BOBJ1	98.545	After	Interior Girder 1	42.125	0.95	1	1	1.588072
HL93_str_opr	BOBJ1	98.545	After	Interior Girder 2	42.125	0.95	1	1	1.547267
HL93_str_opr	BOBJ1	98.545	After	Interior Girder 3	42.125	0.95	1	1	1.511822
HL93_str_opr	BOBJ1	98.545	After	Interior Girder 4	42.125	0.95	1	1	1.511822
HL93_str_opr	BOBJ1	98.545	After	Interior Girder 5	42.125	0.95	1	1	1.547267
HL93_str_opr	BOBJ1	98.545	After	Interior Girder 6	42.125	0.95	1	1	1.588072
HL93_str_opr	BOBJ1	98.545	After	Right Exterior Girder	42.125	0.95	1	1	1.886572
HL93_str_opr	BOBJ1	106.97	Before	Left Exterior Girder	50.55	0.95	1	1	3.115602
HL93_str_opr	BOBJ1	106.97	Before	Interior Girder 1	50.55	0.95	1	1	2.639123
HL93_str_opr	BOBJ1	106.97	Before	Interior Girder 2	50.55	0.95	1	1	2.493022
HL93_str_opr	BOBJ1	106.97	Before	Interior Girder 3	50.55	0.95	1	1	2.486639
HL93_str_opr	BOBJ1	106.97	Before	Interior Girder 4	50.55	0.95	1	1	2.486639
HL93_str_opr	BOBJ1	106.97	Before	Interior Girder 5	50.55	0.95	1	1	2.493022
HL93_str_opr	BOBJ1	106.97	Before	Interior Girder 6	50.55	0.95	1	1	2.639123
HL93_str_opr	BOBJ1	106.97	Before	Right Exterior Girder	50.55	0.95	1	1	3.115602
HL93_str_opr	BOBJ1	106.97	After	Left Exterior Girder	50.55	0.95	1	1	3.033786
HL93_str_opr	BOBJ1	106.97	After	Interior Girder 1	50.55	0.95	1	1	2.687848
HL93_str_opr	BOBJ1	106.97	After	Interior Girder 2	50.55	0.95	1	1	2.494039
HL93_str_opr	BOBJ1	106.97	After	Interior Girder 3	50.55	0.95	1	1	2.441642
HL93_str_opr	BOBJ1	106.97	After	Interior Girder 4	50.55	0.95	1	1	2.441642
HL93_str_opr	BOBJ1	106.97	After	Interior Girder 5	50.55	0.95	1	1	2.494039
HL93_str_opr	BOBJ1	106.97	After	Interior Girder 6	50.55	0.95	1	1	2.687848
HL93_str_opr	BOBJ1	106.97	After	Right Exterior Girder	50.55	0.95	1	1	3.033786
HL93_str_opr	BOBJ1	115.405	Before	Left Exterior Girder	58.985	0.95	1	1	2.189202
HL93_str_opr	BOBJ1	115.405	Before	Interior Girder 1	58.985	0.95	1	1	2.41726
HL93_str_opr	BOBJ1	115.405	Before	Interior Girder 2	58.985	0.95	1	1	2.383987
HL93_str_opr	BOBJ1	115.405	Before	Interior Girder 3	58.985	0.95	1	1	2.333899
HL93_str_opr	BOBJ1	115.405	Before	Interior Girder 4	58.985	0.95	1	1	2.333899
HL93_str_opr	BOBJ1	115.405	Before	Interior Girder 5	58.985	0.95	1	1	2.383987
HL93_str_opr	BOBJ1	115.405	Before	Interior Girder 6	58.985	0.95	1	1	2.41726
HL93_str_opr	BOBJ1	115.405	Before	Right Exterior Girder	58.985	0.95	1	1	2.189202
HL93_str_opr	BOBJ1	115.405	After	Left Exterior Girder	58.985	0.95	1	1	2.262494
HL93_str_opr	BOBJ1	115.405	After	Interior Girder 1	58.985	0.95	1	1	2.353544
HL93_str_opr	BOBJ1	115.405	After	Interior Girder 2	58.985	0.95	1	1	2.364944
HL93_str_opr	BOBJ1	115.405	After	Interior Girder 3	58.985	0.95	1	1	2.338234

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelINonCompStrgth-Flx - Approach, Span 7-11									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
HL93_str_opr	BOBJ1	115.405	After	Interior Girder 4	58.985	0.95	1	1	2.338234
HL93_str_opr	BOBJ1	115.405	After	Interior Girder 5	58.985	0.95	1	1	2.364944
HL93_str_opr	BOBJ1	115.405	After	Interior Girder 6	58.985	0.95	1	1	2.353544
HL93_str_opr	BOBJ1	115.405	After	Right Exterior Girder	58.985	0.95	1	1	2.262494
HL93_str_opr	BOBJ1	116.34	Before	Left Exterior Girder	59.92	0.95	1	1	2.009173
HL93_str_opr	BOBJ1	116.34	Before	Right Exterior Girder	59.92	0.95	1	1	2.009173
HL93_str_opr	BOBJ1	116.34	After	Left Exterior Girder	59.92	0.95	1	1	4.210359
HL93_str_opr	BOBJ1	116.34	After	Right Exterior Girder	59.92	0.95	1	1	4.210359
HL93_str_opr	BOBJ1	118.84	Before	Interior Girder 1	62.42	0.95	1	1	1.795649
HL93_str_opr	BOBJ1	118.84	Before	Interior Girder 2	62.42	0.95	1	1	1.808893
HL93_str_opr	BOBJ1	118.84	Before	Interior Girder 3	62.42	0.95	1	1	1.677798
HL93_str_opr	BOBJ1	118.84	Before	Interior Girder 4	62.42	0.95	1	1	1.677798
HL93_str_opr	BOBJ1	118.84	Before	Interior Girder 5	62.42	0.95	1	1	1.808893
HL93_str_opr	BOBJ1	118.84	Before	Interior Girder 6	62.42	0.95	1	1	1.795649
HL93_str_opr	BOBJ1	118.84	After	Interior Girder 1	62.42	0.95	1	1	2.586136
HL93_str_opr	BOBJ1	118.84	After	Interior Girder 2	62.42	0.95	1	1	2.541625
HL93_str_opr	BOBJ1	118.84	After	Interior Girder 3	62.42	0.95	1	1	2.397407
HL93_str_opr	BOBJ1	118.84	After	Interior Girder 4	62.42	0.95	1	1	2.397407
HL93_str_opr	BOBJ1	118.84	After	Interior Girder 5	62.42	0.95	1	1	2.541625
HL93_str_opr	BOBJ1	118.84	After	Interior Girder 6	62.42	0.95	1	1	2.586136
HL93_str_opr	BOBJ1	123.84	Before	Left Exterior Girder	67.42	0.95	1	1	2.261443
HL93_str_opr	BOBJ1	123.84	Before	Interior Girder 1	67.42	0.95	1	1	1.619327
HL93_str_opr	BOBJ1	123.84	Before	Interior Girder 2	67.42	0.95	1	1	1.601444
HL93_str_opr	BOBJ1	123.84	Before	Interior Girder 3	67.42	0.95	1	1	1.31882
HL93_str_opr	BOBJ1	123.84	Before	Interior Girder 4	67.42	0.95	1	1	1.31882
HL93_str_opr	BOBJ1	123.84	Before	Interior Girder 5	67.42	0.95	1	1	1.601444
HL93_str_opr	BOBJ1	123.84	Before	Interior Girder 6	67.42	0.95	1	1	1.619327
HL93_str_opr	BOBJ1	123.84	Before	Right Exterior Girder	67.42	0.95	1	1	2.261443
HL93_str_opr	BOBJ1	123.84	After	Left Exterior Girder	0	0.95	1	1	2.244825
HL93_str_opr	BOBJ1	123.84	After	Interior Girder 1	0	0.95	1	1	1.604695
HL93_str_opr	BOBJ1	123.84	After	Interior Girder 2	0	0.95	1	1	1.599512
HL93_str_opr	BOBJ1	123.84	After	Interior Girder 3	0	0.95	1	1	1.316275
HL93_str_opr	BOBJ1	123.84	After	Interior Girder 4	0	0.95	1	1	1.316275
HL93_str_opr	BOBJ1	123.84	After	Interior Girder 5	0	0.95	1	1	1.599512
HL93_str_opr	BOBJ1	123.84	After	Interior Girder 6	0	0.95	1	1	1.604695
HL93_str_opr	BOBJ1	123.84	After	Right Exterior Girder	0	0.95	1	1	2.244825
HL93_str_opr	BOBJ1	128.84	Before	Interior Girder 1	5	0.95	1	1	2.640263
HL93_str_opr	BOBJ1	128.84	Before	Interior Girder 2	5	0.95	1	1	2.586127
HL93_str_opr	BOBJ1	128.84	Before	Interior Girder 3	5	0.95	1	1	2.425256
HL93_str_opr	BOBJ1	128.84	Before	Interior Girder 4	5	0.95	1	1	2.425256
HL93_str_opr	BOBJ1	128.84	Before	Interior Girder 5	5	0.95	1	1	2.586127
HL93_str_opr	BOBJ1	128.84	Before	Interior Girder 6	5	0.95	1	1	2.640263
HL93_str_opr	BOBJ1	128.84	After	Interior Girder 1	5	0.95	1	1	1.834124
HL93_str_opr	BOBJ1	128.84	After	Interior Girder 2	5	0.95	1	1	1.842098
HL93_str_opr	BOBJ1	128.84	After	Interior Girder 3	5	0.95	1	1	1.698997
HL93_str_opr	BOBJ1	128.84	After	Interior Girder 4	5	0.95	1	1	1.698997
HL93_str_opr	BOBJ1	128.84	After	Interior Girder 5	5	0.95	1	1	1.842098
HL93_str_opr	BOBJ1	128.84	After	Interior Girder 6	5	0.95	1	1	1.834124
HL93_str_opr	BOBJ1	131.34	Before	Left Exterior Girder	7.5	0.95	1	1	4.332148
HL93_str_opr	BOBJ1	131.34	Before	Right Exterior Girder	7.5	0.95	1	1	4.332148
HL93_str_opr	BOBJ1	131.34	After	Left Exterior Girder	7.5	0.95	1	1	2.069881
HL93_str_opr	BOBJ1	131.34	After	Right Exterior Girder	7.5	0.95	1	1	2.069881
HL93_str_opr	BOBJ1	132.265	Before	Left Exterior Girder	8.425	0.95	1	1	2.324488
HL93_str_opr	BOBJ1	132.265	Before	Interior Girder 1	8.425	0.95	1	1	2.412414
HL93_str_opr	BOBJ1	132.265	Before	Interior Girder 2	8.425	0.95	1	1	2.416379
HL93_str_opr	BOBJ1	132.265	Before	Interior Girder 3	8.425	0.95	1	1	2.383039
HL93_str_opr	BOBJ1	132.265	Before	Interior Girder 4	8.425	0.95	1	1	2.383039
HL93_str_opr	BOBJ1	132.265	Before	Interior Girder 5	8.425	0.95	1	1	2.416379
HL93_str_opr	BOBJ1	132.265	Before	Interior Girder 6	8.425	0.95	1	1	2.412414
HL93_str_opr	BOBJ1	132.265	Before	Right Exterior Girder	8.425	0.95	1	1	2.324488
HL93_str_opr	BOBJ1	132.265	After	Left Exterior Girder	8.425	0.95	1	1	2.248219
HL93_str_opr	BOBJ1	132.265	After	Interior Girder 1	8.425	0.95	1	1	2.478048
HL93_str_opr	BOBJ1	132.265	After	Interior Girder 2	8.425	0.95	1	1	2.436091
HL93_str_opr	BOBJ1	132.265	After	Interior Girder 3	8.425	0.95	1	1	2.381011
HL93_str_opr	BOBJ1	132.265	After	Interior Girder 4	8.425	0.95	1	1	2.381011

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelINonCompStrgth-Flx - Approach, Span 7-11									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
HL93_str_opr	BOBJ1	132.265	After	Interior Girder 5	8.425	0.95	1	1	2.436091
HL93_str_opr	BOBJ1	132.265	After	Interior Girder 6	8.425	0.95	1	1	2.478048
HL93_str_opr	BOBJ1	132.265	After	Right Exterior Girder	8.425	0.95	1	1	2.248219
HL93_str_opr	BOBJ1	140.69	Before	Left Exterior Girder	16.85	0.95	1	1	3.078323
HL93_str_opr	BOBJ1	140.69	Before	Interior Girder 1	16.85	0.95	1	1	2.707038
HL93_str_opr	BOBJ1	140.69	Before	Interior Girder 2	16.85	0.95	1	1	2.510994
HL93_str_opr	BOBJ1	140.69	Before	Interior Girder 3	16.85	0.95	1	1	2.459301
HL93_str_opr	BOBJ1	140.69	Before	Interior Girder 4	16.85	0.95	1	1	2.459301
HL93_str_opr	BOBJ1	140.69	Before	Interior Girder 5	16.85	0.95	1	1	2.510994
HL93_str_opr	BOBJ1	140.69	Before	Interior Girder 6	16.85	0.95	1	1	2.707038
HL93_str_opr	BOBJ1	140.69	Before	Right Exterior Girder	16.85	0.95	1	1	3.078323
HL93_str_opr	BOBJ1	140.69	After	Left Exterior Girder	16.85	0.95	1	1	3.165487
HL93_str_opr	BOBJ1	140.69	After	Interior Girder 1	16.85	0.95	1	1	2.65733
HL93_str_opr	BOBJ1	140.69	After	Interior Girder 2	16.85	0.95	1	1	2.50903
HL93_str_opr	BOBJ1	140.69	After	Interior Girder 3	16.85	0.95	1	1	2.504064
HL93_str_opr	BOBJ1	140.69	After	Interior Girder 4	16.85	0.95	1	1	2.504064
HL93_str_opr	BOBJ1	140.69	After	Interior Girder 5	16.85	0.95	1	1	2.50903
HL93_str_opr	BOBJ1	140.69	After	Interior Girder 6	16.85	0.95	1	1	2.65733
HL93_str_opr	BOBJ1	140.69	After	Right Exterior Girder	16.85	0.95	1	1	3.165487
HL93_str_opr	BOBJ1	149.115	Before	Left Exterior Girder	25.275	0.95	1	1	1.87003
HL93_str_opr	BOBJ1	149.115	Before	Interior Girder 1	25.275	0.95	1	1	1.573479
HL93_str_opr	BOBJ1	149.115	Before	Interior Girder 2	25.275	0.95	1	1	1.537068
HL93_str_opr	BOBJ1	149.115	Before	Interior Girder 3	25.275	0.95	1	1	1.506976
HL93_str_opr	BOBJ1	149.115	Before	Interior Girder 4	25.275	0.95	1	1	1.506976
HL93_str_opr	BOBJ1	149.115	Before	Interior Girder 5	25.275	0.95	1	1	1.537068
HL93_str_opr	BOBJ1	149.115	Before	Interior Girder 6	25.275	0.95	1	1	1.573479
HL93_str_opr	BOBJ1	149.115	Before	Right Exterior Girder	25.275	0.95	1	1	1.87003
HL93_str_opr	BOBJ1	149.115	After	Left Exterior Girder	25.275	0.95	1	1	1.899584
HL93_str_opr	BOBJ1	149.115	After	Interior Girder 1	25.275	0.95	1	1	1.560942
HL93_str_opr	BOBJ1	149.115	After	Interior Girder 2	25.275	0.95	1	1	1.535888
HL93_str_opr	BOBJ1	149.115	After	Interior Girder 3	25.275	0.95	1	1	1.523274
HL93_str_opr	BOBJ1	149.115	After	Interior Girder 4	25.275	0.95	1	1	1.523274
HL93_str_opr	BOBJ1	149.115	After	Interior Girder 5	25.275	0.95	1	1	1.535888
HL93_str_opr	BOBJ1	149.115	After	Interior Girder 6	25.275	0.95	1	1	1.560942
HL93_str_opr	BOBJ1	149.115	After	Right Exterior Girder	25.275	0.95	1	1	1.899584
HL93_str_opr	BOBJ1	157.54	Before	Left Exterior Girder	33.7	0.95	1	1	1.517642
HL93_str_opr	BOBJ1	157.54	Before	Interior Girder 1	33.7	0.95	1	1	1.446317
HL93_str_opr	BOBJ1	157.54	Before	Interior Girder 2	33.7	0.95	1	1	1.429791
HL93_str_opr	BOBJ1	157.54	Before	Interior Girder 3	33.7	0.95	1	1	1.438337
HL93_str_opr	BOBJ1	157.54	Before	Interior Girder 4	33.7	0.95	1	1	1.438337
HL93_str_opr	BOBJ1	157.54	Before	Interior Girder 5	33.7	0.95	1	1	1.429791
HL93_str_opr	BOBJ1	157.54	Before	Interior Girder 6	33.7	0.95	1	1	1.446317
HL93_str_opr	BOBJ1	157.54	Before	Right Exterior Girder	33.7	0.95	1	1	1.517642
HL93_str_opr	BOBJ1	157.54	After	Left Exterior Girder	33.7	0.95	1	1	1.517809
HL93_str_opr	BOBJ1	157.54	After	Interior Girder 1	33.7	0.95	1	1	1.446292
HL93_str_opr	BOBJ1	157.54	After	Interior Girder 2	33.7	0.95	1	1	1.429746
HL93_str_opr	BOBJ1	157.54	After	Interior Girder 3	33.7	0.95	1	1	1.438391
HL93_str_opr	BOBJ1	157.54	After	Interior Girder 4	33.7	0.95	1	1	1.438391
HL93_str_opr	BOBJ1	157.54	After	Interior Girder 5	33.7	0.95	1	1	1.429746
HL93_str_opr	BOBJ1	157.54	After	Interior Girder 6	33.7	0.95	1	1	1.446292
HL93_str_opr	BOBJ1	157.54	After	Right Exterior Girder	33.7	0.95	1	1	1.517809
HL93_str_opr	BOBJ1	165.965	Before	Left Exterior Girder	42.125	0.95	1	1	1.897915
HL93_str_opr	BOBJ1	165.965	Before	Interior Girder 1	42.125	0.95	1	1	1.560244
HL93_str_opr	BOBJ1	165.965	Before	Interior Girder 2	42.125	0.95	1	1	1.535213
HL93_str_opr	BOBJ1	165.965	Before	Interior Girder 3	42.125	0.95	1	1	1.522477
HL93_str_opr	BOBJ1	165.965	Before	Interior Girder 4	42.125	0.95	1	1	1.522477
HL93_str_opr	BOBJ1	165.965	Before	Interior Girder 5	42.125	0.95	1	1	1.535213
HL93_str_opr	BOBJ1	165.965	Before	Interior Girder 6	42.125	0.95	1	1	1.560244
HL93_str_opr	BOBJ1	165.965	Before	Right Exterior Girder	42.125	0.95	1	1	1.897915
HL93_str_opr	BOBJ1	165.965	After	Left Exterior Girder	42.125	0.95	1	1	1.8686
HL93_str_opr	BOBJ1	165.965	After	Interior Girder 1	42.125	0.95	1	1	1.572705
HL93_str_opr	BOBJ1	165.965	After	Interior Girder 2	42.125	0.95	1	1	1.536375
HL93_str_opr	BOBJ1	165.965	After	Interior Girder 3	42.125	0.95	1	1	1.506258
HL93_str_opr	BOBJ1	165.965	After	Interior Girder 4	42.125	0.95	1	1	1.506258
HL93_str_opr	BOBJ1	165.965	After	Interior Girder 5	42.125	0.95	1	1	1.536375

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelINonCompStrgth-Flx - Approach, Span 7-11									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
HL93_str_opr	BOBJ1	165.965	After	Interior Girder 6	42.125	0.95	1	1	1.572705
HL93_str_opr	BOBJ1	165.965	After	Right Exterior Girder	42.125	0.95	1	1	1.8686
HL93_str_opr	BOBJ1	174.39	Before	Left Exterior Girder	50.55	0.95	1	1	3.158535
HL93_str_opr	BOBJ1	174.39	Before	Interior Girder 1	50.55	0.95	1	1	2.654035
HL93_str_opr	BOBJ1	174.39	Before	Interior Girder 2	50.55	0.95	1	1	2.506228
HL93_str_opr	BOBJ1	174.39	Before	Interior Girder 3	50.55	0.95	1	1	2.500723
HL93_str_opr	BOBJ1	174.39	Before	Interior Girder 4	50.55	0.95	1	1	2.500723
HL93_str_opr	BOBJ1	174.39	Before	Interior Girder 5	50.55	0.95	1	1	2.506228
HL93_str_opr	BOBJ1	174.39	Before	Interior Girder 6	50.55	0.95	1	1	2.654035
HL93_str_opr	BOBJ1	174.39	Before	Right Exterior Girder	50.55	0.95	1	1	3.158535
HL93_str_opr	BOBJ1	174.39	After	Left Exterior Girder	50.55	0.95	1	1	3.071792
HL93_str_opr	BOBJ1	174.39	After	Interior Girder 1	50.55	0.95	1	1	2.703746
HL93_str_opr	BOBJ1	174.39	After	Interior Girder 2	50.55	0.95	1	1	2.508242
HL93_str_opr	BOBJ1	174.39	After	Interior Girder 3	50.55	0.95	1	1	2.456096
HL93_str_opr	BOBJ1	174.39	After	Interior Girder 4	50.55	0.95	1	1	2.456096
HL93_str_opr	BOBJ1	174.39	After	Interior Girder 5	50.55	0.95	1	1	2.508242
HL93_str_opr	BOBJ1	174.39	After	Interior Girder 6	50.55	0.95	1	1	2.703746
HL93_str_opr	BOBJ1	174.39	After	Right Exterior Girder	50.55	0.95	1	1	3.071792
HL93_str_opr	BOBJ1	182.825	Before	Left Exterior Girder	58.985	0.95	1	1	2.250288
HL93_str_opr	BOBJ1	182.825	Before	Interior Girder 1	58.985	0.95	1	1	2.476138
HL93_str_opr	BOBJ1	182.825	Before	Interior Girder 2	58.985	0.95	1	1	2.43386
HL93_str_opr	BOBJ1	182.825	Before	Interior Girder 3	58.985	0.95	1	1	2.382006
HL93_str_opr	BOBJ1	182.825	Before	Interior Girder 4	58.985	0.95	1	1	2.382006
HL93_str_opr	BOBJ1	182.825	Before	Interior Girder 5	58.985	0.95	1	1	2.43386
HL93_str_opr	BOBJ1	182.825	Before	Interior Girder 6	58.985	0.95	1	1	2.476138
HL93_str_opr	BOBJ1	182.825	Before	Right Exterior Girder	58.985	0.95	1	1	2.250288
HL93_str_opr	BOBJ1	182.825	After	Left Exterior Girder	58.985	0.95	1	1	2.326763
HL93_str_opr	BOBJ1	182.825	After	Interior Girder 1	58.985	0.95	1	1	2.410561
HL93_str_opr	BOBJ1	182.825	After	Interior Girder 2	58.985	0.95	1	1	2.414041
HL93_str_opr	BOBJ1	182.825	After	Interior Girder 3	58.985	0.95	1	1	2.38425
HL93_str_opr	BOBJ1	182.825	After	Interior Girder 4	58.985	0.95	1	1	2.38425
HL93_str_opr	BOBJ1	182.825	After	Interior Girder 5	58.985	0.95	1	1	2.414041
HL93_str_opr	BOBJ1	182.825	After	Interior Girder 6	58.985	0.95	1	1	2.410561
HL93_str_opr	BOBJ1	182.825	After	Right Exterior Girder	58.985	0.95	1	1	2.326763
HL93_str_opr	BOBJ1	183.76	Before	Left Exterior Girder	59.92	0.95	1	1	2.061191
HL93_str_opr	BOBJ1	183.76	Before	Right Exterior Girder	59.92	0.95	1	1	2.061191
HL93_str_opr	BOBJ1	183.76	After	Left Exterior Girder	59.92	0.95	1	1	4.319512
HL93_str_opr	BOBJ1	183.76	After	Right Exterior Girder	59.92	0.95	1	1	4.319512
HL93_str_opr	BOBJ1	186.26	Before	Interior Girder 1	62.42	0.95	1	1	1.830094
HL93_str_opr	BOBJ1	186.26	Before	Interior Girder 2	62.42	0.95	1	1	1.838181
HL93_str_opr	BOBJ1	186.26	Before	Interior Girder 3	62.42	0.95	1	1	1.698527
HL93_str_opr	BOBJ1	186.26	Before	Interior Girder 4	62.42	0.95	1	1	1.698527
HL93_str_opr	BOBJ1	186.26	Before	Interior Girder 5	62.42	0.95	1	1	1.838181
HL93_str_opr	BOBJ1	186.26	Before	Interior Girder 6	62.42	0.95	1	1	1.830094
HL93_str_opr	BOBJ1	186.26	After	Interior Girder 1	62.42	0.95	1	1	2.635578
HL93_str_opr	BOBJ1	186.26	After	Interior Girder 2	62.42	0.95	1	1	2.581339
HL93_str_opr	BOBJ1	186.26	After	Interior Girder 3	62.42	0.95	1	1	2.425202
HL93_str_opr	BOBJ1	186.26	After	Interior Girder 4	62.42	0.95	1	1	2.425202
HL93_str_opr	BOBJ1	186.26	After	Interior Girder 5	62.42	0.95	1	1	2.581339
HL93_str_opr	BOBJ1	186.26	After	Interior Girder 6	62.42	0.95	1	1	2.635578
HL93_str_opr	BOBJ1	191.26	Before	Left Exterior Girder	67.42	0.95	1	1	2.245236
HL93_str_opr	BOBJ1	191.26	Before	Interior Girder 1	67.42	0.95	1	1	1.600586
HL93_str_opr	BOBJ1	191.26	Before	Interior Girder 2	67.42	0.95	1	1	1.594827
HL93_str_opr	BOBJ1	191.26	Before	Interior Girder 3	67.42	0.95	1	1	1.315717
HL93_str_opr	BOBJ1	191.26	Before	Interior Girder 4	67.42	0.95	1	1	1.315717
HL93_str_opr	BOBJ1	191.26	Before	Interior Girder 5	67.42	0.95	1	1	1.594827
HL93_str_opr	BOBJ1	191.26	Before	Interior Girder 6	67.42	0.95	1	1	1.600586
HL93_str_opr	BOBJ1	191.26	Before	Right Exterior Girder	67.42	0.95	1	1	2.245236
HL93_str_opr	BOBJ1	191.26	After	Left Exterior Girder	0	0.95	1	1	2.257628
HL93_str_opr	BOBJ1	191.26	After	Interior Girder 1	0	0.95	1	1	1.621279
HL93_str_opr	BOBJ1	191.26	After	Interior Girder 2	0	0.95	1	1	1.604503
HL93_str_opr	BOBJ1	191.26	After	Interior Girder 3	0	0.95	1	1	1.318216
HL93_str_opr	BOBJ1	191.26	After	Interior Girder 4	0	0.95	1	1	1.318216
HL93_str_opr	BOBJ1	191.26	After	Interior Girder 5	0	0.95	1	1	1.604503
HL93_str_opr	BOBJ1	191.26	After	Interior Girder 6	0	0.95	1	1	1.621279

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelINonCompStrgth-Flx - Approach, Span 7-11									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
HL93_str_opr	BOBJ1	191.26	After	Right Exterior Girder	0	0.95	1	1	2.257628
HL93_str_opr	BOBJ1	196.26	Before	Interior Girder 1	5	0.95	1	1	2.588507
HL93_str_opr	BOBJ1	196.26	Before	Interior Girder 2	5	0.95	1	1	2.544782
HL93_str_opr	BOBJ1	196.26	Before	Interior Girder 3	5	0.95	1	1	2.396179
HL93_str_opr	BOBJ1	196.26	Before	Interior Girder 4	5	0.95	1	1	2.396179
HL93_str_opr	BOBJ1	196.26	Before	Interior Girder 5	5	0.95	1	1	2.544782
HL93_str_opr	BOBJ1	196.26	Before	Interior Girder 6	5	0.95	1	1	2.588507
HL93_str_opr	BOBJ1	196.26	After	Interior Girder 1	5	0.95	1	1	1.797323
HL93_str_opr	BOBJ1	196.26	After	Interior Girder 2	5	0.95	1	1	1.811179
HL93_str_opr	BOBJ1	196.26	After	Interior Girder 3	5	0.95	1	1	1.67703
HL93_str_opr	BOBJ1	196.26	After	Interior Girder 4	5	0.95	1	1	1.67703
HL93_str_opr	BOBJ1	196.26	After	Interior Girder 5	5	0.95	1	1	1.811179
HL93_str_opr	BOBJ1	196.26	After	Interior Girder 6	5	0.95	1	1	1.797323
HL93_str_opr	BOBJ1	198.76	Before	Left Exterior Girder	7.5	0.95	1	1	4.219857
HL93_str_opr	BOBJ1	198.76	Before	Right Exterior Girder	7.5	0.95	1	1	4.219857
HL93_str_opr	BOBJ1	198.76	After	Left Exterior Girder	7.5	0.95	1	1	2.014767
HL93_str_opr	BOBJ1	198.76	After	Right Exterior Girder	7.5	0.95	1	1	2.014767
HL93_str_opr	BOBJ1	199.685	Before	Left Exterior Girder	8.425	0.95	1	1	2.257518
HL93_str_opr	BOBJ1	199.685	Before	Interior Girder 1	8.425	0.95	1	1	2.353292
HL93_str_opr	BOBJ1	199.685	Before	Interior Girder 2	8.425	0.95	1	1	2.365808
HL93_str_opr	BOBJ1	199.685	Before	Interior Girder 3	8.425	0.95	1	1	2.335831
HL93_str_opr	BOBJ1	199.685	Before	Interior Girder 4	8.425	0.95	1	1	2.335831
HL93_str_opr	BOBJ1	199.685	Before	Interior Girder 5	8.425	0.95	1	1	2.365808
HL93_str_opr	BOBJ1	199.685	Before	Interior Girder 6	8.425	0.95	1	1	2.353292
HL93_str_opr	BOBJ1	199.685	Before	Right Exterior Girder	8.425	0.95	1	1	2.257518
HL93_str_opr	BOBJ1	199.685	After	Left Exterior Girder	8.425	0.95	1	1	2.184279
HL93_str_opr	BOBJ1	199.685	After	Interior Girder 1	8.425	0.95	1	1	2.417103
HL93_str_opr	BOBJ1	199.685	After	Interior Girder 2	8.425	0.95	1	1	2.384784
HL93_str_opr	BOBJ1	199.685	After	Interior Girder 3	8.425	0.95	1	1	2.331805
HL93_str_opr	BOBJ1	199.685	After	Interior Girder 4	8.425	0.95	1	1	2.331805
HL93_str_opr	BOBJ1	199.685	After	Interior Girder 5	8.425	0.95	1	1	2.384784
HL93_str_opr	BOBJ1	199.685	After	Interior Girder 6	8.425	0.95	1	1	2.417103
HL93_str_opr	BOBJ1	199.685	After	Right Exterior Girder	8.425	0.95	1	1	2.184279
HL93_str_opr	BOBJ1	208.11	Before	Left Exterior Girder	16.85	0.95	1	1	3.040879
HL93_str_opr	BOBJ1	208.11	Before	Interior Girder 1	16.85	0.95	1	1	2.691615
HL93_str_opr	BOBJ1	208.11	Before	Interior Girder 2	16.85	0.95	1	1	2.497078
HL93_str_opr	BOBJ1	208.11	Before	Interior Girder 3	16.85	0.95	1	1	2.445054
HL93_str_opr	BOBJ1	208.11	Before	Interior Girder 4	16.85	0.95	1	1	2.445054
HL93_str_opr	BOBJ1	208.11	Before	Interior Girder 5	16.85	0.95	1	1	2.497078
HL93_str_opr	BOBJ1	208.11	Before	Interior Girder 6	16.85	0.95	1	1	2.691615
HL93_str_opr	BOBJ1	208.11	Before	Right Exterior Girder	16.85	0.95	1	1	3.040879
HL93_str_opr	BOBJ1	208.11	After	Left Exterior Girder	16.85	0.95	1	1	3.12326
HL93_str_opr	BOBJ1	208.11	After	Interior Girder 1	16.85	0.95	1	1	2.642799
HL93_str_opr	BOBJ1	208.11	After	Interior Girder 2	16.85	0.95	1	1	2.496044
HL93_str_opr	BOBJ1	208.11	After	Interior Girder 3	16.85	0.95	1	1	2.490107
HL93_str_opr	BOBJ1	208.11	After	Interior Girder 4	16.85	0.95	1	1	2.490107
HL93_str_opr	BOBJ1	208.11	After	Interior Girder 5	16.85	0.95	1	1	2.496044
HL93_str_opr	BOBJ1	208.11	After	Interior Girder 6	16.85	0.95	1	1	2.642799
HL93_str_opr	BOBJ1	208.11	After	Right Exterior Girder	16.85	0.95	1	1	3.12326
HL93_str_opr	BOBJ1	216.535	Before	Left Exterior Girder	25.275	0.95	1	1	1.887487
HL93_str_opr	BOBJ1	216.535	Before	Interior Girder 1	25.275	0.95	1	1	1.58844
HL93_str_opr	BOBJ1	216.535	Before	Interior Girder 2	25.275	0.95	1	1	1.547666
HL93_str_opr	BOBJ1	216.535	Before	Interior Girder 3	25.275	0.95	1	1	1.512317
HL93_str_opr	BOBJ1	216.535	Before	Interior Girder 4	25.275	0.95	1	1	1.512317
HL93_str_opr	BOBJ1	216.535	Before	Interior Girder 5	25.275	0.95	1	1	1.547666
HL93_str_opr	BOBJ1	216.535	Before	Interior Girder 6	25.275	0.95	1	1	1.58844
HL93_str_opr	BOBJ1	216.535	Before	Right Exterior Girder	25.275	0.95	1	1	1.887487
HL93_str_opr	BOBJ1	216.535	After	Left Exterior Girder	25.275	0.95	1	1	1.91524
HL93_str_opr	BOBJ1	216.535	After	Interior Girder 1	25.275	0.95	1	1	1.575827
HL93_str_opr	BOBJ1	216.535	After	Interior Girder 2	25.275	0.95	1	1	1.547183
HL93_str_opr	BOBJ1	216.535	After	Interior Girder 3	25.275	0.95	1	1	1.528915
HL93_str_opr	BOBJ1	216.535	After	Interior Girder 4	25.275	0.95	1	1	1.528915
HL93_str_opr	BOBJ1	216.535	After	Interior Girder 5	25.275	0.95	1	1	1.547183
HL93_str_opr	BOBJ1	216.535	After	Interior Girder 6	25.275	0.95	1	1	1.575827
HL93_str_opr	BOBJ1	216.535	After	Right Exterior Girder	25.275	0.95	1	1	1.91524

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelINonCompStrgth-Flx - Approach, Span 7-11									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
HL93_str_opr	BOBJ1	224.96	Before	Left Exterior Girder	33.7	0.95	1	1	1.556111
HL93_str_opr	BOBJ1	224.96	Before	Interior Girder 1	33.7	0.95	1	1	1.480861
HL93_str_opr	BOBJ1	224.96	Before	Interior Girder 2	33.7	0.95	1	1	1.453213
HL93_str_opr	BOBJ1	224.96	Before	Interior Girder 3	33.7	0.95	1	1	1.458012
HL93_str_opr	BOBJ1	224.96	Before	Interior Girder 4	33.7	0.95	1	1	1.458012
HL93_str_opr	BOBJ1	224.96	Before	Interior Girder 5	33.7	0.95	1	1	1.453213
HL93_str_opr	BOBJ1	224.96	Before	Interior Girder 6	33.7	0.95	1	1	1.480861
HL93_str_opr	BOBJ1	224.96	Before	Right Exterior Girder	33.7	0.95	1	1	1.556111
HL93_str_opr	BOBJ1	224.96	After	Left Exterior Girder	33.7	0.95	1	1	1.55381
HL93_str_opr	BOBJ1	224.96	After	Interior Girder 1	33.7	0.95	1	1	1.48153
HL93_str_opr	BOBJ1	224.96	After	Interior Girder 2	33.7	0.95	1	1	1.454859
HL93_str_opr	BOBJ1	224.96	After	Interior Girder 3	33.7	0.95	1	1	1.458732
HL93_str_opr	BOBJ1	224.96	After	Interior Girder 4	33.7	0.95	1	1	1.458732
HL93_str_opr	BOBJ1	224.96	After	Interior Girder 5	33.7	0.95	1	1	1.454859
HL93_str_opr	BOBJ1	224.96	After	Interior Girder 6	33.7	0.95	1	1	1.48153
HL93_str_opr	BOBJ1	224.96	After	Right Exterior Girder	33.7	0.95	1	1	1.55381
HL93_str_opr	BOBJ1	233.385	Before	Left Exterior Girder	42.125	0.95	1	1	1.994926
HL93_str_opr	BOBJ1	233.385	Before	Interior Girder 1	42.125	0.95	1	1	1.613772
HL93_str_opr	BOBJ1	233.385	Before	Interior Girder 2	42.125	0.95	1	1	1.576437
HL93_str_opr	BOBJ1	233.385	Before	Interior Girder 3	42.125	0.95	1	1	1.553905
HL93_str_opr	BOBJ1	233.385	Before	Interior Girder 4	42.125	0.95	1	1	1.553905
HL93_str_opr	BOBJ1	233.385	Before	Interior Girder 5	42.125	0.95	1	1	1.576437
HL93_str_opr	BOBJ1	233.385	Before	Interior Girder 6	42.125	0.95	1	1	1.613772
HL93_str_opr	BOBJ1	233.385	Before	Right Exterior Girder	42.125	0.95	1	1	1.994926
HL93_str_opr	BOBJ1	233.385	After	Left Exterior Girder	42.125	0.95	1	1	1.959567
HL93_str_opr	BOBJ1	233.385	After	Interior Girder 1	42.125	0.95	1	1	1.629218
HL93_str_opr	BOBJ1	233.385	After	Interior Girder 2	42.125	0.95	1	1	1.578514
HL93_str_opr	BOBJ1	233.385	After	Interior Girder 3	42.125	0.95	1	1	1.53709
HL93_str_opr	BOBJ1	233.385	After	Interior Girder 4	42.125	0.95	1	1	1.53709
HL93_str_opr	BOBJ1	233.385	After	Interior Girder 5	42.125	0.95	1	1	1.578514
HL93_str_opr	BOBJ1	233.385	After	Interior Girder 6	42.125	0.95	1	1	1.629218
HL93_str_opr	BOBJ1	233.385	After	Right Exterior Girder	42.125	0.95	1	1	1.959567
HL93_str_opr	BOBJ1	241.81	Before	Left Exterior Girder	50.55	0.95	1	1	3.450674
HL93_str_opr	BOBJ1	241.81	Before	Interior Girder 1	50.55	0.95	1	1	2.807564
HL93_str_opr	BOBJ1	241.81	Before	Interior Girder 2	50.55	0.95	1	1	2.615783
HL93_str_opr	BOBJ1	241.81	Before	Interior Girder 3	50.55	0.95	1	1	2.581
HL93_str_opr	BOBJ1	241.81	Before	Interior Girder 4	50.55	0.95	1	1	2.581
HL93_str_opr	BOBJ1	241.81	Before	Interior Girder 5	50.55	0.95	1	1	2.615783
HL93_str_opr	BOBJ1	241.81	Before	Interior Girder 6	50.55	0.95	1	1	2.807564
HL93_str_opr	BOBJ1	241.81	Before	Right Exterior Girder	50.55	0.95	1	1	3.450674
HL93_str_opr	BOBJ1	241.81	After	Left Exterior Girder	50.55	0.95	1	1	3.363881
HL93_str_opr	BOBJ1	241.81	After	Interior Girder 1	50.55	0.95	1	1	2.859178
HL93_str_opr	BOBJ1	241.81	After	Interior Girder 2	50.55	0.95	1	1	2.630147
HL93_str_opr	BOBJ1	241.81	After	Interior Girder 3	50.55	0.95	1	1	2.558398
HL93_str_opr	BOBJ1	241.81	After	Interior Girder 4	50.55	0.95	1	1	2.558398
HL93_str_opr	BOBJ1	241.81	After	Interior Girder 5	50.55	0.95	1	1	2.630147
HL93_str_opr	BOBJ1	241.81	After	Interior Girder 6	50.55	0.95	1	1	2.859178
HL93_str_opr	BOBJ1	241.81	After	Right Exterior Girder	50.55	0.95	1	1	3.363881
HL93_str_opr	BOBJ1	245.18	Before	Left Exterior Girder	53.92	0.95	1	1	3.801879
HL93_str_opr	BOBJ1	245.18	Before	Interior Girder 1	53.92	0.95	1	1	3.79546
HL93_str_opr	BOBJ1	245.18	Before	Interior Girder 2	53.92	0.95	1	1	3.449439
HL93_str_opr	BOBJ1	245.18	Before	Interior Girder 3	53.92	0.95	1	1	3.406181
HL93_str_opr	BOBJ1	245.18	Before	Interior Girder 4	53.92	0.95	1	1	3.406181
HL93_str_opr	BOBJ1	245.18	Before	Interior Girder 5	53.92	0.95	1	1	3.449439
HL93_str_opr	BOBJ1	245.18	Before	Interior Girder 6	53.92	0.95	1	1	3.79546
HL93_str_opr	BOBJ1	245.18	Before	Right Exterior Girder	53.92	0.95	1	1	3.801879
HL93_str_opr	BOBJ1	245.18	After	Left Exterior Girder	53.92	0.95	1	1	4.456021
HL93_str_opr	BOBJ1	245.18	After	Interior Girder 1	53.92	0.95	1	1	4.056574
HL93_str_opr	BOBJ1	245.18	After	Interior Girder 2	53.92	0.95	1	1	3.675871
HL93_str_opr	BOBJ1	245.18	After	Interior Girder 3	53.92	0.95	1	1	3.583743
HL93_str_opr	BOBJ1	245.18	After	Interior Girder 4	53.92	0.95	1	1	3.583743
HL93_str_opr	BOBJ1	245.18	After	Interior Girder 5	53.92	0.95	1	1	3.675871
HL93_str_opr	BOBJ1	245.18	After	Interior Girder 6	53.92	0.95	1	1	4.056574
HL93_str_opr	BOBJ1	245.18	After	Right Exterior Girder	53.92	0.95	1	1	4.456021
HL93_str_opr	BOBJ1	250.245	Before	Left Exterior Girder	58.985	0.95	1	1	2.997123

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelINonCompStrgth-Flx - Approach, Span 7-11									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
HL93_str_opr	BOBJ1	250.245	Before	Interior Girder 1	58.985	0.95	1	1	2.953246
HL93_str_opr	BOBJ1	250.245	Before	Interior Girder 2	58.985	0.95	1	1	2.840274
HL93_str_opr	BOBJ1	250.245	Before	Interior Girder 3	58.985	0.95	1	1	2.720382
HL93_str_opr	BOBJ1	250.245	Before	Interior Girder 4	58.985	0.95	1	1	2.720382
HL93_str_opr	BOBJ1	250.245	Before	Interior Girder 5	58.985	0.95	1	1	2.840274
HL93_str_opr	BOBJ1	250.245	Before	Interior Girder 6	58.985	0.95	1	1	2.953246
HL93_str_opr	BOBJ1	250.245	Before	Right Exterior Girder	58.985	0.95	1	1	2.997123
HL93_str_opr	BOBJ1	250.245	After	Left Exterior Girder	58.985	0.95	1	1	3.037269
HL93_str_opr	BOBJ1	250.245	After	Interior Girder 1	58.985	0.95	1	1	2.918206
HL93_str_opr	BOBJ1	250.245	After	Interior Girder 2	58.985	0.95	1	1	2.813569
HL93_str_opr	BOBJ1	250.245	After	Interior Girder 3	58.985	0.95	1	1	2.716181
HL93_str_opr	BOBJ1	250.245	After	Interior Girder 4	58.985	0.95	1	1	2.716181
HL93_str_opr	BOBJ1	250.245	After	Interior Girder 5	58.985	0.95	1	1	2.813569
HL93_str_opr	BOBJ1	250.245	After	Interior Girder 6	58.985	0.95	1	1	2.918206
HL93_str_opr	BOBJ1	250.245	After	Right Exterior Girder	58.985	0.95	1	1	3.037269
HL93_str_opr	BOBJ1	251.68	Before	Left Exterior Girder	60.42	0.95	1	1	2.607521
HL93_str_opr	BOBJ1	251.68	Before	Right Exterior Girder	60.42	0.95	1	1	2.607521
HL93_str_opr	BOBJ1	251.68	After	Left Exterior Girder	60.42	0.95	1	1	4.741206
HL93_str_opr	BOBJ1	251.68	After	Right Exterior Girder	60.42	0.95	1	1	4.741206
HL93_str_opr	BOBJ1	254.18	Before	Interior Girder 1	62.92	0.95	1	1	2.097625
HL93_str_opr	BOBJ1	254.18	Before	Interior Girder 2	62.92	0.95	1	1	2.05672
HL93_str_opr	BOBJ1	254.18	Before	Interior Girder 3	62.92	0.95	1	1	1.84268
HL93_str_opr	BOBJ1	254.18	Before	Interior Girder 4	62.92	0.95	1	1	1.84268
HL93_str_opr	BOBJ1	254.18	Before	Interior Girder 5	62.92	0.95	1	1	2.05672
HL93_str_opr	BOBJ1	254.18	Before	Interior Girder 6	62.92	0.95	1	1	2.097625
HL93_str_opr	BOBJ1	254.18	After	Interior Girder 1	62.92	0.95	1	1	2.623777
HL93_str_opr	BOBJ1	254.18	After	Interior Girder 2	62.92	0.95	1	1	2.515571
HL93_str_opr	BOBJ1	254.18	After	Interior Girder 3	62.92	0.95	1	1	2.284626
HL93_str_opr	BOBJ1	254.18	After	Interior Girder 4	62.92	0.95	1	1	2.284626
HL93_str_opr	BOBJ1	254.18	After	Interior Girder 5	62.92	0.95	1	1	2.515571
HL93_str_opr	BOBJ1	254.18	After	Interior Girder 6	62.92	0.95	1	1	2.623777
HL93_str_opr	BOBJ1	258.68	Before	Left Exterior Girder	67.42	0.95	1	1	2.264881
HL93_str_opr	BOBJ1	258.68	Before	Interior Girder 1	67.42	0.95	1	1	1.488727
HL93_str_opr	BOBJ1	258.68	Before	Interior Girder 2	67.42	0.95	1	1	1.481591
HL93_str_opr	BOBJ1	258.68	Before	Interior Girder 3	67.42	0.95	1	1	1.222387
HL93_str_opr	BOBJ1	258.68	Before	Interior Girder 4	67.42	0.95	1	1	1.222387
HL93_str_opr	BOBJ1	258.68	Before	Interior Girder 5	67.42	0.95	1	1	1.481591
HL93_str_opr	BOBJ1	258.68	Before	Interior Girder 6	67.42	0.95	1	1	1.488727
HL93_str_opr	BOBJ1	258.68	Before	Right Exterior Girder	67.42	0.95	1	1	2.264881
HL93_str_opr	BOBJ1	258.68	After	Left Exterior Girder	0	0.95	1	1	2.196153
HL93_str_opr	BOBJ1	258.68	After	Interior Girder 1	0	0.95	1	1	1.455973
HL93_str_opr	BOBJ1	258.68	After	Interior Girder 2	0	0.95	1	1	1.450335
HL93_str_opr	BOBJ1	258.68	After	Interior Girder 3	0	0.95	1	1	1.17925
HL93_str_opr	BOBJ1	258.68	After	Interior Girder 4	0	0.95	1	1	1.17925
HL93_str_opr	BOBJ1	258.68	After	Interior Girder 5	0	0.95	1	1	1.450335
HL93_str_opr	BOBJ1	258.68	After	Interior Girder 6	0	0.95	1	1	1.455973
HL93_str_opr	BOBJ1	258.68	After	Right Exterior Girder	0	0.95	1	1	2.196153
HL93_str_opr	BOBJ1	263.18	Before	Interior Girder 1	4.5	0.95	1	1	2.265494
HL93_str_opr	BOBJ1	263.18	Before	Interior Girder 2	4.5	0.95	1	1	2.215696
HL93_str_opr	BOBJ1	263.18	Before	Interior Girder 3	4.5	0.95	1	1	2.065977
HL93_str_opr	BOBJ1	263.18	Before	Interior Girder 4	4.5	0.95	1	1	2.065977
HL93_str_opr	BOBJ1	263.18	Before	Interior Girder 5	4.5	0.95	1	1	2.215696
HL93_str_opr	BOBJ1	263.18	Before	Interior Girder 6	4.5	0.95	1	1	2.265494
HL93_str_opr	BOBJ1	263.18	After	Interior Girder 1	4.5	0.95	1	1	1.808698
HL93_str_opr	BOBJ1	263.18	After	Interior Girder 2	4.5	0.95	1	1	1.808848
HL93_str_opr	BOBJ1	263.18	After	Interior Girder 3	4.5	0.95	1	1	1.663032
HL93_str_opr	BOBJ1	263.18	After	Interior Girder 4	4.5	0.95	1	1	1.663032
HL93_str_opr	BOBJ1	263.18	After	Interior Girder 5	4.5	0.95	1	1	1.808848
HL93_str_opr	BOBJ1	263.18	After	Interior Girder 6	4.5	0.95	1	1	1.808698
HL93_str_opr	BOBJ1	265.68	Before	Left Exterior Girder	7	0.95	1	1	3.842908
HL93_str_opr	BOBJ1	265.68	Before	Right Exterior Girder	7	0.95	1	1	3.842908
HL93_str_opr	BOBJ1	265.68	After	Left Exterior Girder	7	0.95	1	1	2.120142
HL93_str_opr	BOBJ1	265.68	After	Right Exterior Girder	7	0.95	1	1	2.120142
HL93_str_opr	BOBJ1	268.08	Before	Left Exterior Girder	9.4	0.95	1	1	2.664068
HL93_str_opr	BOBJ1	268.08	Before	Interior Girder 1	9.4	0.95	1	1	2.624603

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelINonCompStrgth-Flx - Approach, Span 7-11									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
HL93_str_opr	BOBJ1	268.08	Before	Interior Girder 2	9.4	0.95	1	1	2.604982
HL93_str_opr	BOBJ1	268.08	Before	Interior Girder 3	9.4	0.95	1	1	2.585255
HL93_str_opr	BOBJ1	268.08	Before	Interior Girder 4	9.4	0.95	1	1	2.585255
HL93_str_opr	BOBJ1	268.08	Before	Interior Girder 5	9.4	0.95	1	1	2.604982
HL93_str_opr	BOBJ1	268.08	Before	Interior Girder 6	9.4	0.95	1	1	2.624603
HL93_str_opr	BOBJ1	268.08	Before	Right Exterior Girder	9.4	0.95	1	1	2.664068
HL93_str_opr	BOBJ1	268.08	After	Left Exterior Girder	9.4	0.95	1	1	2.590666
HL93_str_opr	BOBJ1	268.08	After	Interior Girder 1	9.4	0.95	1	1	2.674253
HL93_str_opr	BOBJ1	268.08	After	Interior Girder 2	9.4	0.95	1	1	2.631588
HL93_str_opr	BOBJ1	268.08	After	Interior Girder 3	9.4	0.95	1	1	2.583041
HL93_str_opr	BOBJ1	268.08	After	Interior Girder 4	9.4	0.95	1	1	2.583041
HL93_str_opr	BOBJ1	268.08	After	Interior Girder 5	9.4	0.95	1	1	2.631588
HL93_str_opr	BOBJ1	268.08	After	Interior Girder 6	9.4	0.95	1	1	2.674253
HL93_str_opr	BOBJ1	268.08	After	Right Exterior Girder	9.4	0.95	1	1	2.590666
HL93_str_opr	BOBJ1	277.48	Before	Left Exterior Girder	18.8	0.95	1	1	2.644693
HL93_str_opr	BOBJ1	277.48	Before	Interior Girder 1	18.8	0.95	1	1	2.318546
HL93_str_opr	BOBJ1	277.48	Before	Interior Girder 2	18.8	0.95	1	1	2.148665
HL93_str_opr	BOBJ1	277.48	Before	Interior Girder 3	18.8	0.95	1	1	2.103966
HL93_str_opr	BOBJ1	277.48	Before	Interior Girder 4	18.8	0.95	1	1	2.103966
HL93_str_opr	BOBJ1	277.48	Before	Interior Girder 5	18.8	0.95	1	1	2.148665
HL93_str_opr	BOBJ1	277.48	Before	Interior Girder 6	18.8	0.95	1	1	2.318546
HL93_str_opr	BOBJ1	277.48	Before	Right Exterior Girder	18.8	0.95	1	1	2.644693
HL93_str_opr	BOBJ1	277.48	After	Left Exterior Girder	18.8	0.95	1	1	2.701115
HL93_str_opr	BOBJ1	277.48	After	Interior Girder 1	18.8	0.95	1	1	2.278638
HL93_str_opr	BOBJ1	277.48	After	Interior Girder 2	18.8	0.95	1	1	2.151514
HL93_str_opr	BOBJ1	277.48	After	Interior Girder 3	18.8	0.95	1	1	2.135213
HL93_str_opr	BOBJ1	277.48	After	Interior Girder 4	18.8	0.95	1	1	2.135213
HL93_str_opr	BOBJ1	277.48	After	Interior Girder 5	18.8	0.95	1	1	2.151514
HL93_str_opr	BOBJ1	277.48	After	Interior Girder 6	18.8	0.95	1	1	2.278638
HL93_str_opr	BOBJ1	277.48	After	Right Exterior Girder	18.8	0.95	1	1	2.701115
HL93_str_opr	BOBJ1	286.88	Before	Left Exterior Girder	28.2	0.95	1	1	1.877292
HL93_str_opr	BOBJ1	286.88	Before	Interior Girder 1	28.2	0.95	1	1	1.476875
HL93_str_opr	BOBJ1	286.88	Before	Interior Girder 2	28.2	0.95	1	1	1.43097
HL93_str_opr	BOBJ1	286.88	Before	Interior Girder 3	28.2	0.95	1	1	1.389212
HL93_str_opr	BOBJ1	286.88	Before	Interior Girder 4	28.2	0.95	1	1	1.389212
HL93_str_opr	BOBJ1	286.88	Before	Interior Girder 5	28.2	0.95	1	1	1.43097
HL93_str_opr	BOBJ1	286.88	Before	Interior Girder 6	28.2	0.95	1	1	1.476875
HL93_str_opr	BOBJ1	286.88	Before	Right Exterior Girder	28.2	0.95	1	1	1.877292
HL93_str_opr	BOBJ1	286.88	After	Left Exterior Girder	28.2	0.95	1	1	1.886529
HL93_str_opr	BOBJ1	286.88	After	Interior Girder 1	28.2	0.95	1	1	1.473146
HL93_str_opr	BOBJ1	286.88	After	Interior Girder 2	28.2	0.95	1	1	1.433931
HL93_str_opr	BOBJ1	286.88	After	Interior Girder 3	28.2	0.95	1	1	1.39803
HL93_str_opr	BOBJ1	286.88	After	Interior Girder 4	28.2	0.95	1	1	1.39803
HL93_str_opr	BOBJ1	286.88	After	Interior Girder 5	28.2	0.95	1	1	1.433931
HL93_str_opr	BOBJ1	286.88	After	Interior Girder 6	28.2	0.95	1	1	1.473146
HL93_str_opr	BOBJ1	286.88	After	Right Exterior Girder	28.2	0.95	1	1	1.886529
HL93_str_opr	BOBJ1	296.28	Before	Left Exterior Girder	37.6	0.95	1	1	1.748834
HL93_str_opr	BOBJ1	296.28	Before	Interior Girder 1	37.6	0.95	1	1	1.545961
HL93_str_opr	BOBJ1	296.28	Before	Interior Girder 2	37.6	0.95	1	1	1.488602
HL93_str_opr	BOBJ1	296.28	Before	Interior Girder 3	37.6	0.95	1	1	1.484241
HL93_str_opr	BOBJ1	296.28	Before	Interior Girder 4	37.6	0.95	1	1	1.484241
HL93_str_opr	BOBJ1	296.28	Before	Interior Girder 5	37.6	0.95	1	1	1.488602
HL93_str_opr	BOBJ1	296.28	Before	Interior Girder 6	37.6	0.95	1	1	1.545961
HL93_str_opr	BOBJ1	296.28	Before	Right Exterior Girder	37.6	0.95	1	1	1.748834
HL93_str_opr	BOBJ1	296.28	After	Left Exterior Girder	37.6	0.95	1	1	1.727907
HL93_str_opr	BOBJ1	296.28	After	Interior Girder 1	37.6	0.95	1	1	1.561606
HL93_str_opr	BOBJ1	296.28	After	Interior Girder 2	37.6	0.95	1	1	1.486354
HL93_str_opr	BOBJ1	296.28	After	Interior Girder 3	37.6	0.95	1	1	1.471854
HL93_str_opr	BOBJ1	296.28	After	Interior Girder 4	37.6	0.95	1	1	1.471854
HL93_str_opr	BOBJ1	296.28	After	Interior Girder 5	37.6	0.95	1	1	1.486354
HL93_str_opr	BOBJ1	296.28	After	Interior Girder 6	37.6	0.95	1	1	1.561606
HL93_str_opr	BOBJ1	296.28	After	Right Exterior Girder	37.6	0.95	1	1	1.727907
HL93_str_opr	BOBJ1	305.69	Before	Left Exterior Girder	47.01	0.95	1	1	3.150869
HL93_str_opr	BOBJ1	305.69	Before	Interior Girder 1	47.01	0.95	1	1	2.167113
HL93_str_opr	BOBJ1	305.69	Before	Interior Girder 2	47.01	0.95	1	1	2.100312

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelINonCompStrgth-Flx - Approach, Span 7-11									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
HL93_str_opr	BOBJ1	305.69	Before	Interior Girder 3	47.01	0.95	1	1	2.011886
HL93_str_opr	BOBJ1	305.69	Before	Interior Girder 4	47.01	0.95	1	1	2.011886
HL93_str_opr	BOBJ1	305.69	Before	Interior Girder 5	47.01	0.95	1	1	2.100312
HL93_str_opr	BOBJ1	305.69	Before	Interior Girder 6	47.01	0.95	1	1	2.167113
HL93_str_opr	BOBJ1	305.69	Before	Right Exterior Girder	47.01	0.95	1	1	3.150869
HL93_str_opr	BOBJ1	305.69	After	Left Exterior Girder	47.01	0.95	1	1	3.137621
HL93_str_opr	BOBJ1	305.69	After	Interior Girder 1	47.01	0.95	1	1	2.177902
HL93_str_opr	BOBJ1	305.69	After	Interior Girder 2	47.01	0.95	1	1	2.063284
HL93_str_opr	BOBJ1	305.69	After	Interior Girder 3	47.01	0.95	1	1	1.945975
HL93_str_opr	BOBJ1	305.69	After	Interior Girder 4	47.01	0.95	1	1	1.945975
HL93_str_opr	BOBJ1	305.69	After	Interior Girder 5	47.01	0.95	1	1	2.063284
HL93_str_opr	BOBJ1	305.69	After	Interior Girder 6	47.01	0.95	1	1	2.177902
HL93_str_opr	BOBJ1	305.69	After	Right Exterior Girder	47.01	0.95	1	1	3.137621
HL93_str_opr	BOBJ1	315.1	Before	Left Exterior Girder	56.42	0.95	1	1	248.914896
HL93_str_opr	BOBJ1	315.1	Before	Interior Girder 1	56.42	0.95	1	1	216.286637
HL93_str_opr	BOBJ1	315.1	Before	Interior Girder 2	56.42	0.95	1	1	167.873812
HL93_str_opr	BOBJ1	315.1	Before	Interior Girder 3	56.42	0.95	1	1	122.367721
HL93_str_opr	BOBJ1	315.1	Before	Interior Girder 4	56.42	0.95	1	1	122.367721
HL93_str_opr	BOBJ1	315.1	Before	Interior Girder 5	56.42	0.95	1	1	167.873812
HL93_str_opr	BOBJ1	315.1	Before	Interior Girder 6	56.42	0.95	1	1	216.286637
HL93_str_opr	BOBJ1	315.1	Before	Right Exterior Girder	56.42	0.95	1	1	248.914895
HL93_str_inv	BOBJ1	0	After	Left Exterior Girder	0	0.95	1	1	185.869466
HL93_str_inv	BOBJ1	0	After	Interior Girder 1	0	0.95	1	1	152.453781
HL93_str_inv	BOBJ1	0	After	Interior Girder 2	0	0.95	1	1	132.090793
HL93_str_inv	BOBJ1	0	After	Interior Girder 3	0	0.95	1	1	92.091178
HL93_str_inv	BOBJ1	0	After	Interior Girder 4	0	0.95	1	1	92.091178
HL93_str_inv	BOBJ1	0	After	Interior Girder 5	0	0.95	1	1	132.090793
HL93_str_inv	BOBJ1	0	After	Interior Girder 6	0	0.95	1	1	152.453783
HL93_str_inv	BOBJ1	0	After	Right Exterior Girder	0	0.95	1	1	185.869467
HL93_str_inv	BOBJ1	9.4	Before	Left Exterior Girder	9.4	0.95	1	1	2.404064
HL93_str_inv	BOBJ1	9.4	Before	Interior Girder 1	9.4	0.95	1	1	1.67333
HL93_str_inv	BOBJ1	9.4	Before	Interior Girder 2	9.4	0.95	1	1	1.586658
HL93_str_inv	BOBJ1	9.4	Before	Interior Girder 3	9.4	0.95	1	1	1.49815
HL93_str_inv	BOBJ1	9.4	Before	Interior Girder 4	9.4	0.95	1	1	1.49815
HL93_str_inv	BOBJ1	9.4	Before	Interior Girder 5	9.4	0.95	1	1	1.586658
HL93_str_inv	BOBJ1	9.4	Before	Interior Girder 6	9.4	0.95	1	1	1.67333
HL93_str_inv	BOBJ1	9.4	Before	Right Exterior Girder	9.4	0.95	1	1	2.404064
HL93_str_inv	BOBJ1	9.4	After	Left Exterior Girder	9.4	0.95	1	1	2.41584
HL93_str_inv	BOBJ1	9.4	After	Interior Girder 1	9.4	0.95	1	1	1.664185
HL93_str_inv	BOBJ1	9.4	After	Interior Girder 2	9.4	0.95	1	1	1.61512
HL93_str_inv	BOBJ1	9.4	After	Interior Girder 3	9.4	0.95	1	1	1.548931
HL93_str_inv	BOBJ1	9.4	After	Interior Girder 4	9.4	0.95	1	1	1.548931
HL93_str_inv	BOBJ1	9.4	After	Interior Girder 5	9.4	0.95	1	1	1.61512
HL93_str_inv	BOBJ1	9.4	After	Interior Girder 6	9.4	0.95	1	1	1.664185
HL93_str_inv	BOBJ1	9.4	After	Right Exterior Girder	9.4	0.95	1	1	2.41584
HL93_str_inv	BOBJ1	18.8	Before	Left Exterior Girder	18.8	0.95	1	1	1.327981
HL93_str_inv	BOBJ1	18.8	Before	Interior Girder 1	18.8	0.95	1	1	1.198125
HL93_str_inv	BOBJ1	18.8	Before	Interior Girder 2	18.8	0.95	1	1	1.14297
HL93_str_inv	BOBJ1	18.8	Before	Interior Girder 3	18.8	0.95	1	1	1.133505
HL93_str_inv	BOBJ1	18.8	Before	Interior Girder 4	18.8	0.95	1	1	1.133505
HL93_str_inv	BOBJ1	18.8	Before	Interior Girder 5	18.8	0.95	1	1	1.14297
HL93_str_inv	BOBJ1	18.8	Before	Interior Girder 6	18.8	0.95	1	1	1.198125
HL93_str_inv	BOBJ1	18.8	Before	Right Exterior Girder	18.8	0.95	1	1	1.327981
HL93_str_inv	BOBJ1	18.8	After	Left Exterior Girder	18.8	0.95	1	1	1.343843
HL93_str_inv	BOBJ1	18.8	After	Interior Girder 1	18.8	0.95	1	1	1.186497
HL93_str_inv	BOBJ1	18.8	After	Interior Girder 2	18.8	0.95	1	1	1.144584
HL93_str_inv	BOBJ1	18.8	After	Interior Girder 3	18.8	0.95	1	1	1.142894
HL93_str_inv	BOBJ1	18.8	After	Interior Girder 4	18.8	0.95	1	1	1.142894
HL93_str_inv	BOBJ1	18.8	After	Interior Girder 5	18.8	0.95	1	1	1.144584
HL93_str_inv	BOBJ1	18.8	After	Interior Girder 6	18.8	0.95	1	1	1.186497
HL93_str_inv	BOBJ1	18.8	After	Right Exterior Girder	18.8	0.95	1	1	1.343843
HL93_str_inv	BOBJ1	28.2	Before	Left Exterior Girder	28.2	0.95	1	1	1.451686
HL93_str_inv	BOBJ1	28.2	Before	Interior Girder 1	28.2	0.95	1	1	1.132137
HL93_str_inv	BOBJ1	28.2	Before	Interior Girder 2	28.2	0.95	1	1	1.103047
HL93_str_inv	BOBJ1	28.2	Before	Interior Girder 3	28.2	0.95	1	1	1.076418

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelINonCompStrgth-Flx - Approach, Span 7-11									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
HL93_str_inv	BOBJ1	28.2	Before	Interior Girder 4	28.2	0.95	1	1	1.076418
HL93_str_inv	BOBJ1	28.2	Before	Interior Girder 5	28.2	0.95	1	1	1.103047
HL93_str_inv	BOBJ1	28.2	Before	Interior Girder 6	28.2	0.95	1	1	1.132137
HL93_str_inv	BOBJ1	28.2	Before	Right Exterior Girder	28.2	0.95	1	1	1.451686
HL93_str_inv	BOBJ1	28.2	After	Left Exterior Girder	28.2	0.95	1	1	1.444505
HL93_str_inv	BOBJ1	28.2	After	Interior Girder 1	28.2	0.95	1	1	1.134886
HL93_str_inv	BOBJ1	28.2	After	Interior Girder 2	28.2	0.95	1	1	1.100798
HL93_str_inv	BOBJ1	28.2	After	Interior Girder 3	28.2	0.95	1	1	1.069706
HL93_str_inv	BOBJ1	28.2	After	Interior Girder 4	28.2	0.95	1	1	1.069706
HL93_str_inv	BOBJ1	28.2	After	Interior Girder 5	28.2	0.95	1	1	1.100798
HL93_str_inv	BOBJ1	28.2	After	Interior Girder 6	28.2	0.95	1	1	1.134886
HL93_str_inv	BOBJ1	28.2	After	Right Exterior Girder	28.2	0.95	1	1	1.444505
HL93_str_inv	BOBJ1	37.6	Before	Left Exterior Girder	37.6	0.95	1	1	2.08045
HL93_str_inv	BOBJ1	37.6	Before	Interior Girder 1	37.6	0.95	1	1	1.752892
HL93_str_inv	BOBJ1	37.6	Before	Interior Girder 2	37.6	0.95	1	1	1.65569
HL93_str_inv	BOBJ1	37.6	Before	Interior Girder 3	37.6	0.95	1	1	1.643678
HL93_str_inv	BOBJ1	37.6	Before	Interior Girder 4	37.6	0.95	1	1	1.643678
HL93_str_inv	BOBJ1	37.6	Before	Interior Girder 5	37.6	0.95	1	1	1.65569
HL93_str_inv	BOBJ1	37.6	Before	Interior Girder 6	37.6	0.95	1	1	1.752892
HL93_str_inv	BOBJ1	37.6	Before	Right Exterior Girder	37.6	0.95	1	1	2.08045
HL93_str_inv	BOBJ1	37.6	After	Left Exterior Girder	37.6	0.95	1	1	2.036891
HL93_str_inv	BOBJ1	37.6	After	Interior Girder 1	37.6	0.95	1	1	1.783304
HL93_str_inv	BOBJ1	37.6	After	Interior Girder 2	37.6	0.95	1	1	1.653621
HL93_str_inv	BOBJ1	37.6	After	Interior Girder 3	37.6	0.95	1	1	1.61987
HL93_str_inv	BOBJ1	37.6	After	Interior Girder 4	37.6	0.95	1	1	1.61987
HL93_str_inv	BOBJ1	37.6	After	Interior Girder 5	37.6	0.95	1	1	1.653621
HL93_str_inv	BOBJ1	37.6	After	Interior Girder 6	37.6	0.95	1	1	1.783304
HL93_str_inv	BOBJ1	37.6	After	Right Exterior Girder	37.6	0.95	1	1	2.036891
HL93_str_inv	BOBJ1	47.01	Before	Left Exterior Girder	47.01	0.95	1	1	1.996998
HL93_str_inv	BOBJ1	47.01	Before	Interior Girder 1	47.01	0.95	1	1	2.062551
HL93_str_inv	BOBJ1	47.01	Before	Interior Girder 2	47.01	0.95	1	1	2.029709
HL93_str_inv	BOBJ1	47.01	Before	Interior Girder 3	47.01	0.95	1	1	1.994288
HL93_str_inv	BOBJ1	47.01	Before	Interior Girder 4	47.01	0.95	1	1	1.994288
HL93_str_inv	BOBJ1	47.01	Before	Interior Girder 5	47.01	0.95	1	1	2.029709
HL93_str_inv	BOBJ1	47.01	Before	Interior Girder 6	47.01	0.95	1	1	2.062551
HL93_str_inv	BOBJ1	47.01	Before	Right Exterior Girder	47.01	0.95	1	1	1.996998
HL93_str_inv	BOBJ1	47.01	After	Left Exterior Girder	47.01	0.95	1	1	2.053529
HL93_str_inv	BOBJ1	47.01	After	Interior Girder 1	47.01	0.95	1	1	2.024739
HL93_str_inv	BOBJ1	47.01	After	Interior Girder 2	47.01	0.95	1	1	2.009005
HL93_str_inv	BOBJ1	47.01	After	Interior Girder 3	47.01	0.95	1	1	1.995947
HL93_str_inv	BOBJ1	47.01	After	Interior Girder 4	47.01	0.95	1	1	1.995947
HL93_str_inv	BOBJ1	47.01	After	Interior Girder 5	47.01	0.95	1	1	2.009005
HL93_str_inv	BOBJ1	47.01	After	Interior Girder 6	47.01	0.95	1	1	2.024739
HL93_str_inv	BOBJ1	47.01	After	Right Exterior Girder	47.01	0.95	1	1	2.053529
HL93_str_inv	BOBJ1	49.42	Before	Left Exterior Girder	49.42	0.95	1	1	1.626476
HL93_str_inv	BOBJ1	49.42	Before	Right Exterior Girder	49.42	0.95	1	1	1.626476
HL93_str_inv	BOBJ1	49.42	After	Left Exterior Girder	49.42	0.95	1	1	2.953583
HL93_str_inv	BOBJ1	49.42	After	Right Exterior Girder	49.42	0.95	1	1	2.953583
HL93_str_inv	BOBJ1	51.92	Before	Interior Girder 1	51.92	0.95	1	1	1.391582
HL93_str_inv	BOBJ1	51.92	Before	Interior Girder 2	51.92	0.95	1	1	1.392524
HL93_str_inv	BOBJ1	51.92	Before	Interior Girder 3	51.92	0.95	1	1	1.282623
HL93_str_inv	BOBJ1	51.92	Before	Interior Girder 4	51.92	0.95	1	1	1.282623
HL93_str_inv	BOBJ1	51.92	Before	Interior Girder 5	51.92	0.95	1	1	1.392524
HL93_str_inv	BOBJ1	51.92	Before	Interior Girder 6	51.92	0.95	1	1	1.391582
HL93_str_inv	BOBJ1	51.92	After	Interior Girder 1	51.92	0.95	1	1	1.743807
HL93_str_inv	BOBJ1	51.92	After	Interior Girder 2	51.92	0.95	1	1	1.705951
HL93_str_inv	BOBJ1	51.92	After	Interior Girder 3	51.92	0.95	1	1	1.593687
HL93_str_inv	BOBJ1	51.92	After	Interior Girder 4	51.92	0.95	1	1	1.593687
HL93_str_inv	BOBJ1	51.92	After	Interior Girder 5	51.92	0.95	1	1	1.705951
HL93_str_inv	BOBJ1	51.92	After	Interior Girder 6	51.92	0.95	1	1	1.743807
HL93_str_inv	BOBJ1	56.42	Before	Left Exterior Girder	56.42	0.95	1	1	1.689838
HL93_str_inv	BOBJ1	56.42	Before	Interior Girder 1	56.42	0.95	1	1	1.118277
HL93_str_inv	BOBJ1	56.42	Before	Interior Girder 2	56.42	0.95	1	1	1.114898
HL93_str_inv	BOBJ1	56.42	Before	Interior Girder 3	56.42	0.95	1	1	0.908813
HL93_str_inv	BOBJ1	56.42	Before	Interior Girder 4	56.42	0.95	1	1	0.908813

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelINonCompStrgth-Flx - Approach, Span 7-11									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
HL93_str_inv	BOBJ1	56.42	Before	Interior Girder 5	56.42	0.95	1	1	1.114898
HL93_str_inv	BOBJ1	56.42	Before	Interior Girder 6	56.42	0.95	1	1	1.118277
HL93_str_inv	BOBJ1	56.42	Before	Right Exterior Girder	56.42	0.95	1	1	1.689838
HL93_str_inv	BOBJ1	56.42	After	Left Exterior Girder	0	0.95	1	1	1.740095
HL93_str_inv	BOBJ1	56.42	After	Interior Girder 1	0	0.95	1	1	1.148094
HL93_str_inv	BOBJ1	56.42	After	Interior Girder 2	0	0.95	1	1	1.144329
HL93_str_inv	BOBJ1	56.42	After	Interior Girder 3	0	0.95	1	1	0.941965
HL93_str_inv	BOBJ1	56.42	After	Interior Girder 4	0	0.95	1	1	0.941965
HL93_str_inv	BOBJ1	56.42	After	Interior Girder 5	0	0.95	1	1	1.144329
HL93_str_inv	BOBJ1	56.42	After	Interior Girder 6	0	0.95	1	1	1.148094
HL93_str_inv	BOBJ1	56.42	After	Right Exterior Girder	0	0.95	1	1	1.740095
HL93_str_inv	BOBJ1	60.92	Before	Interior Girder 1	4.5	0.95	1	1	2.023475
HL93_str_inv	BOBJ1	60.92	Before	Interior Girder 2	4.5	0.95	1	1	1.942009
HL93_str_inv	BOBJ1	60.92	Before	Interior Girder 3	4.5	0.95	1	1	1.760719
HL93_str_inv	BOBJ1	60.92	Before	Interior Girder 4	4.5	0.95	1	1	1.760719
HL93_str_inv	BOBJ1	60.92	Before	Interior Girder 5	4.5	0.95	1	1	1.942009
HL93_str_inv	BOBJ1	60.92	Before	Interior Girder 6	4.5	0.95	1	1	2.023475
HL93_str_inv	BOBJ1	60.92	After	Interior Girder 1	4.5	0.95	1	1	1.617167
HL93_str_inv	BOBJ1	60.92	After	Interior Girder 2	4.5	0.95	1	1	1.587521
HL93_str_inv	BOBJ1	60.92	After	Interior Girder 3	4.5	0.95	1	1	1.420108
HL93_str_inv	BOBJ1	60.92	After	Interior Girder 4	4.5	0.95	1	1	1.420108
HL93_str_inv	BOBJ1	60.92	After	Interior Girder 5	4.5	0.95	1	1	1.587521
HL93_str_inv	BOBJ1	60.92	After	Interior Girder 6	4.5	0.95	1	1	1.617167
HL93_str_inv	BOBJ1	63.42	Before	Left Exterior Girder	7	0.95	1	1	3.649149
HL93_str_inv	BOBJ1	63.42	Before	Right Exterior Girder	7	0.95	1	1	3.649149
HL93_str_inv	BOBJ1	63.42	After	Left Exterior Girder	7	0.95	1	1	2.003659
HL93_str_inv	BOBJ1	63.42	After	Right Exterior Girder	7	0.95	1	1	2.003659
HL93_str_inv	BOBJ1	64.845	Before	Left Exterior Girder	8.425	0.95	1	1	2.333027
HL93_str_inv	BOBJ1	64.845	Before	Interior Girder 1	8.425	0.95	1	1	2.248027
HL93_str_inv	BOBJ1	64.845	Before	Interior Girder 2	8.425	0.95	1	1	2.169804
HL93_str_inv	BOBJ1	64.845	Before	Interior Girder 3	8.425	0.95	1	1	2.09226
HL93_str_inv	BOBJ1	64.845	Before	Interior Girder 4	8.425	0.95	1	1	2.09226
HL93_str_inv	BOBJ1	64.845	Before	Interior Girder 5	8.425	0.95	1	1	2.169804
HL93_str_inv	BOBJ1	64.845	Before	Interior Girder 6	8.425	0.95	1	1	2.248027
HL93_str_inv	BOBJ1	64.845	Before	Right Exterior Girder	8.425	0.95	1	1	2.333027
HL93_str_inv	BOBJ1	64.845	After	Left Exterior Girder	8.425	0.95	1	1	2.302025
HL93_str_inv	BOBJ1	64.845	After	Interior Girder 1	8.425	0.95	1	1	2.275269
HL93_str_inv	BOBJ1	64.845	After	Interior Girder 2	8.425	0.95	1	1	2.190381
HL93_str_inv	BOBJ1	64.845	After	Interior Girder 3	8.425	0.95	1	1	2.095695
HL93_str_inv	BOBJ1	64.845	After	Interior Girder 4	8.425	0.95	1	1	2.095695
HL93_str_inv	BOBJ1	64.845	After	Interior Girder 5	8.425	0.95	1	1	2.190381
HL93_str_inv	BOBJ1	64.845	After	Interior Girder 6	8.425	0.95	1	1	2.275269
HL93_str_inv	BOBJ1	64.845	After	Right Exterior Girder	8.425	0.95	1	1	2.302025
HL93_str_inv	BOBJ1	69.92	Before	Left Exterior Girder	13.5	0.95	1	1	3.430507
HL93_str_inv	BOBJ1	69.92	Before	Interior Girder 1	13.5	0.95	1	1	3.13247
HL93_str_inv	BOBJ1	69.92	Before	Interior Girder 2	13.5	0.95	1	1	2.836774
HL93_str_inv	BOBJ1	69.92	Before	Interior Girder 3	13.5	0.95	1	1	2.766727
HL93_str_inv	BOBJ1	69.92	Before	Interior Girder 4	13.5	0.95	1	1	2.766727
HL93_str_inv	BOBJ1	69.92	Before	Interior Girder 5	13.5	0.95	1	1	2.836774
HL93_str_inv	BOBJ1	69.92	Before	Interior Girder 6	13.5	0.95	1	1	3.13247
HL93_str_inv	BOBJ1	69.92	Before	Right Exterior Girder	13.5	0.95	1	1	3.430507
HL93_str_inv	BOBJ1	69.92	After	Left Exterior Girder	13.5	0.95	1	1	2.925978
HL93_str_inv	BOBJ1	69.92	After	Interior Girder 1	13.5	0.95	1	1	2.931105
HL93_str_inv	BOBJ1	69.92	After	Interior Girder 2	13.5	0.95	1	1	2.662202
HL93_str_inv	BOBJ1	69.92	After	Interior Girder 3	13.5	0.95	1	1	2.629794
HL93_str_inv	BOBJ1	69.92	After	Interior Girder 4	13.5	0.95	1	1	2.629794
HL93_str_inv	BOBJ1	69.92	After	Interior Girder 5	13.5	0.95	1	1	2.662202
HL93_str_inv	BOBJ1	69.92	After	Interior Girder 6	13.5	0.95	1	1	2.931105
HL93_str_inv	BOBJ1	69.92	After	Right Exterior Girder	13.5	0.95	1	1	2.925978
HL93_str_inv	BOBJ1	73.27	Before	Left Exterior Girder	16.85	0.95	1	1	2.605835
HL93_str_inv	BOBJ1	73.27	Before	Interior Girder 1	16.85	0.95	1	1	2.211962
HL93_str_inv	BOBJ1	73.27	Before	Interior Girder 2	16.85	0.95	1	1	2.033451
HL93_str_inv	BOBJ1	73.27	Before	Interior Girder 3	16.85	0.95	1	1	1.977954
HL93_str_inv	BOBJ1	73.27	Before	Interior Girder 4	16.85	0.95	1	1	1.977954
HL93_str_inv	BOBJ1	73.27	Before	Interior Girder 5	16.85	0.95	1	1	2.033451

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelINonCompStrgth-Flx - Approach, Span 7-11									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
HL93_str_inv	BOBJ1	73.27	Before	Interior Girder 6	16.85	0.95	1	1	2.211962
HL93_str_inv	BOBJ1	73.27	Before	Right Exterior Girder	16.85	0.95	1	1	2.605835
HL93_str_inv	BOBJ1	73.27	After	Left Exterior Girder	16.85	0.95	1	1	2.673463
HL93_str_inv	BOBJ1	73.27	After	Interior Girder 1	16.85	0.95	1	1	2.171907
HL93_str_inv	BOBJ1	73.27	After	Interior Girder 2	16.85	0.95	1	1	2.022238
HL93_str_inv	BOBJ1	73.27	After	Interior Girder 3	16.85	0.95	1	1	1.995378
HL93_str_inv	BOBJ1	73.27	After	Interior Girder 4	16.85	0.95	1	1	1.995378
HL93_str_inv	BOBJ1	73.27	After	Interior Girder 5	16.85	0.95	1	1	2.022238
HL93_str_inv	BOBJ1	73.27	After	Interior Girder 6	16.85	0.95	1	1	2.171907
HL93_str_inv	BOBJ1	73.27	After	Right Exterior Girder	16.85	0.95	1	1	2.673463
HL93_str_inv	BOBJ1	81.695	Before	Left Exterior Girder	25.275	0.95	1	1	1.515142
HL93_str_inv	BOBJ1	81.695	Before	Interior Girder 1	25.275	0.95	1	1	1.259035
HL93_str_inv	BOBJ1	81.695	Before	Interior Girder 2	25.275	0.95	1	1	1.219354
HL93_str_inv	BOBJ1	81.695	Before	Interior Girder 3	25.275	0.95	1	1	1.187151
HL93_str_inv	BOBJ1	81.695	Before	Interior Girder 4	25.275	0.95	1	1	1.187151
HL93_str_inv	BOBJ1	81.695	Before	Interior Girder 5	25.275	0.95	1	1	1.219354
HL93_str_inv	BOBJ1	81.695	Before	Interior Girder 6	25.275	0.95	1	1	1.259035
HL93_str_inv	BOBJ1	81.695	Before	Right Exterior Girder	25.275	0.95	1	1	1.515142
HL93_str_inv	BOBJ1	81.695	After	Left Exterior Girder	25.275	0.95	1	1	1.54282
HL93_str_inv	BOBJ1	81.695	After	Interior Girder 1	25.275	0.95	1	1	1.24702
HL93_str_inv	BOBJ1	81.695	After	Interior Girder 2	25.275	0.95	1	1	1.217678
HL93_str_inv	BOBJ1	81.695	After	Interior Girder 3	25.275	0.95	1	1	1.200157
HL93_str_inv	BOBJ1	81.695	After	Interior Girder 4	25.275	0.95	1	1	1.200157
HL93_str_inv	BOBJ1	81.695	After	Interior Girder 5	25.275	0.95	1	1	1.217678
HL93_str_inv	BOBJ1	81.695	After	Interior Girder 6	25.275	0.95	1	1	1.24702
HL93_str_inv	BOBJ1	81.695	After	Right Exterior Girder	25.275	0.95	1	1	1.54282
HL93_str_inv	BOBJ1	90.12	Before	Left Exterior Girder	33.7	0.95	1	1	1.199517
HL93_str_inv	BOBJ1	90.12	Before	Interior Girder 1	33.7	0.95	1	1	1.143813
HL93_str_inv	BOBJ1	90.12	Before	Interior Girder 2	33.7	0.95	1	1	1.123065
HL93_str_inv	BOBJ1	90.12	Before	Interior Girder 3	33.7	0.95	1	1	1.125839
HL93_str_inv	BOBJ1	90.12	Before	Interior Girder 4	33.7	0.95	1	1	1.125839
HL93_str_inv	BOBJ1	90.12	Before	Interior Girder 5	33.7	0.95	1	1	1.123065
HL93_str_inv	BOBJ1	90.12	Before	Interior Girder 6	33.7	0.95	1	1	1.143813
HL93_str_inv	BOBJ1	90.12	Before	Right Exterior Girder	33.7	0.95	1	1	1.199517
HL93_str_inv	BOBJ1	90.12	After	Left Exterior Girder	33.7	0.95	1	1	1.201686
HL93_str_inv	BOBJ1	90.12	After	Interior Girder 1	33.7	0.95	1	1	1.143288
HL93_str_inv	BOBJ1	90.12	After	Interior Girder 2	33.7	0.95	1	1	1.121667
HL93_str_inv	BOBJ1	90.12	After	Interior Girder 3	33.7	0.95	1	1	1.125307
HL93_str_inv	BOBJ1	90.12	After	Interior Girder 4	33.7	0.95	1	1	1.125307
HL93_str_inv	BOBJ1	90.12	After	Interior Girder 5	33.7	0.95	1	1	1.121667
HL93_str_inv	BOBJ1	90.12	After	Interior Girder 6	33.7	0.95	1	1	1.143288
HL93_str_inv	BOBJ1	90.12	After	Right Exterior Girder	33.7	0.95	1	1	1.201686
HL93_str_inv	BOBJ1	98.545	Before	Left Exterior Girder	42.125	0.95	1	1	1.476436
HL93_str_inv	BOBJ1	98.545	Before	Interior Girder 1	42.125	0.95	1	1	1.215425
HL93_str_inv	BOBJ1	98.545	Before	Interior Girder 2	42.125	0.95	1	1	1.1933
HL93_str_inv	BOBJ1	98.545	Before	Interior Girder 3	42.125	0.95	1	1	1.179069
HL93_str_inv	BOBJ1	98.545	Before	Interior Girder 4	42.125	0.95	1	1	1.179069
HL93_str_inv	BOBJ1	98.545	Before	Interior Girder 5	42.125	0.95	1	1	1.1933
HL93_str_inv	BOBJ1	98.545	Before	Interior Girder 6	42.125	0.95	1	1	1.215425
HL93_str_inv	BOBJ1	98.545	Before	Right Exterior Girder	42.125	0.95	1	1	1.476436
HL93_str_inv	BOBJ1	98.545	After	Left Exterior Girder	42.125	0.95	1	1	1.455355
HL93_str_inv	BOBJ1	98.545	After	Interior Girder 1	42.125	0.95	1	1	1.225084
HL93_str_inv	BOBJ1	98.545	After	Interior Girder 2	42.125	0.95	1	1	1.193606
HL93_str_inv	BOBJ1	98.545	After	Interior Girder 3	42.125	0.95	1	1	1.166263
HL93_str_inv	BOBJ1	98.545	After	Interior Girder 4	42.125	0.95	1	1	1.166263
HL93_str_inv	BOBJ1	98.545	After	Interior Girder 5	42.125	0.95	1	1	1.193606
HL93_str_inv	BOBJ1	98.545	After	Interior Girder 6	42.125	0.95	1	1	1.225084
HL93_str_inv	BOBJ1	98.545	After	Right Exterior Girder	42.125	0.95	1	1	1.455355
HL93_str_inv	BOBJ1	106.97	Before	Left Exterior Girder	50.55	0.95	1	1	2.403464
HL93_str_inv	BOBJ1	106.97	Before	Interior Girder 1	50.55	0.95	1	1	2.035895
HL93_str_inv	BOBJ1	106.97	Before	Interior Girder 2	50.55	0.95	1	1	1.923188
HL93_str_inv	BOBJ1	106.97	Before	Interior Girder 3	50.55	0.95	1	1	1.918264
HL93_str_inv	BOBJ1	106.97	Before	Interior Girder 4	50.55	0.95	1	1	1.918264
HL93_str_inv	BOBJ1	106.97	Before	Interior Girder 5	50.55	0.95	1	1	1.923188
HL93_str_inv	BOBJ1	106.97	Before	Interior Girder 6	50.55	0.95	1	1	2.035895

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelINonCompStrgth-Flx - Approach, Span 7-11									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
HL93_str_inv	BOBJ1	106.97	Before	Right Exterior Girder	50.55	0.95	1	1	2.403464
HL93_str_inv	BOBJ1	106.97	After	Left Exterior Girder	50.55	0.95	1	1	2.340349
HL93_str_inv	BOBJ1	106.97	After	Interior Girder 1	50.55	0.95	1	1	2.073483
HL93_str_inv	BOBJ1	106.97	After	Interior Girder 2	50.55	0.95	1	1	1.923973
HL93_str_inv	BOBJ1	106.97	After	Interior Girder 3	50.55	0.95	1	1	1.883552
HL93_str_inv	BOBJ1	106.97	After	Interior Girder 4	50.55	0.95	1	1	1.883552
HL93_str_inv	BOBJ1	106.97	After	Interior Girder 5	50.55	0.95	1	1	1.923973
HL93_str_inv	BOBJ1	106.97	After	Interior Girder 6	50.55	0.95	1	1	2.073483
HL93_str_inv	BOBJ1	106.97	After	Right Exterior Girder	50.55	0.95	1	1	2.340349
HL93_str_inv	BOBJ1	115.405	Before	Left Exterior Girder	58.985	0.95	1	1	1.688813
HL93_str_inv	BOBJ1	115.405	Before	Interior Girder 1	58.985	0.95	1	1	1.864744
HL93_str_inv	BOBJ1	115.405	Before	Interior Girder 2	58.985	0.95	1	1	1.839075
HL93_str_inv	BOBJ1	115.405	Before	Interior Girder 3	58.985	0.95	1	1	1.800437
HL93_str_inv	BOBJ1	115.405	Before	Interior Girder 4	58.985	0.95	1	1	1.800437
HL93_str_inv	BOBJ1	115.405	Before	Interior Girder 5	58.985	0.95	1	1	1.839075
HL93_str_inv	BOBJ1	115.405	Before	Interior Girder 6	58.985	0.95	1	1	1.864744
HL93_str_inv	BOBJ1	115.405	Before	Right Exterior Girder	58.985	0.95	1	1	1.688813
HL93_str_inv	BOBJ1	115.405	After	Left Exterior Girder	58.985	0.95	1	1	1.745352
HL93_str_inv	BOBJ1	115.405	After	Interior Girder 1	58.985	0.95	1	1	1.815591
HL93_str_inv	BOBJ1	115.405	After	Interior Girder 2	58.985	0.95	1	1	1.824385
HL93_str_inv	BOBJ1	115.405	After	Interior Girder 3	58.985	0.95	1	1	1.80378
HL93_str_inv	BOBJ1	115.405	After	Interior Girder 4	58.985	0.95	1	1	1.80378
HL93_str_inv	BOBJ1	115.405	After	Interior Girder 5	58.985	0.95	1	1	1.824385
HL93_str_inv	BOBJ1	115.405	After	Interior Girder 6	58.985	0.95	1	1	1.815591
HL93_str_inv	BOBJ1	115.405	After	Right Exterior Girder	58.985	0.95	1	1	1.745352
HL93_str_inv	BOBJ1	116.34	Before	Left Exterior Girder	59.92	0.95	1	1	1.549933
HL93_str_inv	BOBJ1	116.34	Before	Right Exterior Girder	59.92	0.95	1	1	1.549933
HL93_str_inv	BOBJ1	116.34	After	Left Exterior Girder	59.92	0.95	1	1	3.247991
HL93_str_inv	BOBJ1	116.34	After	Right Exterior Girder	59.92	0.95	1	1	3.247991
HL93_str_inv	BOBJ1	118.84	Before	Interior Girder 1	62.42	0.95	1	1	1.385215
HL93_str_inv	BOBJ1	118.84	Before	Interior Girder 2	62.42	0.95	1	1	1.395431
HL93_str_inv	BOBJ1	118.84	Before	Interior Girder 3	62.42	0.95	1	1	1.294301
HL93_str_inv	BOBJ1	118.84	Before	Interior Girder 4	62.42	0.95	1	1	1.294301
HL93_str_inv	BOBJ1	118.84	Before	Interior Girder 5	62.42	0.95	1	1	1.395431
HL93_str_inv	BOBJ1	118.84	Before	Interior Girder 6	62.42	0.95	1	1	1.385215
HL93_str_inv	BOBJ1	118.84	After	Interior Girder 1	62.42	0.95	1	1	1.995019
HL93_str_inv	BOBJ1	118.84	After	Interior Girder 2	62.42	0.95	1	1	1.960682
HL93_str_inv	BOBJ1	118.84	After	Interior Girder 3	62.42	0.95	1	1	1.849428
HL93_str_inv	BOBJ1	118.84	After	Interior Girder 4	62.42	0.95	1	1	1.849428
HL93_str_inv	BOBJ1	118.84	After	Interior Girder 5	62.42	0.95	1	1	1.960682
HL93_str_inv	BOBJ1	118.84	After	Interior Girder 6	62.42	0.95	1	1	1.995019
HL93_str_inv	BOBJ1	123.84	Before	Left Exterior Girder	67.42	0.95	1	1	1.744542
HL93_str_inv	BOBJ1	123.84	Before	Interior Girder 1	67.42	0.95	1	1	1.249195
HL93_str_inv	BOBJ1	123.84	Before	Interior Girder 2	67.42	0.95	1	1	1.2354
HL93_str_inv	BOBJ1	123.84	Before	Interior Girder 3	67.42	0.95	1	1	1.017375
HL93_str_inv	BOBJ1	123.84	Before	Interior Girder 4	67.42	0.95	1	1	1.017375
HL93_str_inv	BOBJ1	123.84	Before	Interior Girder 5	67.42	0.95	1	1	1.2354
HL93_str_inv	BOBJ1	123.84	Before	Interior Girder 6	67.42	0.95	1	1	1.249195
HL93_str_inv	BOBJ1	123.84	Before	Right Exterior Girder	67.42	0.95	1	1	1.744542
HL93_str_inv	BOBJ1	123.84	After	Left Exterior Girder	0	0.95	1	1	1.731722
HL93_str_inv	BOBJ1	123.84	After	Interior Girder 1	0	0.95	1	1	1.237908
HL93_str_inv	BOBJ1	123.84	After	Interior Girder 2	0	0.95	1	1	1.233909
HL93_str_inv	BOBJ1	123.84	After	Interior Girder 3	0	0.95	1	1	1.015412
HL93_str_inv	BOBJ1	123.84	After	Interior Girder 4	0	0.95	1	1	1.015412
HL93_str_inv	BOBJ1	123.84	After	Interior Girder 5	0	0.95	1	1	1.233909
HL93_str_inv	BOBJ1	123.84	After	Interior Girder 6	0	0.95	1	1	1.237908
HL93_str_inv	BOBJ1	123.84	After	Right Exterior Girder	0	0.95	1	1	1.731722
HL93_str_inv	BOBJ1	128.84	Before	Interior Girder 1	5	0.95	1	1	2.036774
HL93_str_inv	BOBJ1	128.84	Before	Interior Girder 2	5	0.95	1	1	1.995012
HL93_str_inv	BOBJ1	128.84	Before	Interior Girder 3	5	0.95	1	1	1.870912
HL93_str_inv	BOBJ1	128.84	Before	Interior Girder 4	5	0.95	1	1	1.870912
HL93_str_inv	BOBJ1	128.84	Before	Interior Girder 5	5	0.95	1	1	1.995012
HL93_str_inv	BOBJ1	128.84	Before	Interior Girder 6	5	0.95	1	1	2.036774
HL93_str_inv	BOBJ1	128.84	After	Interior Girder 1	5	0.95	1	1	1.414896
HL93_str_inv	BOBJ1	128.84	After	Interior Girder 2	5	0.95	1	1	1.421047

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelINonCompStrgth-Flx - Approach, Span 7-11									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
HL93_str_inv	BOBJ1	128.84	After	Interior Girder 3	5	0.95	1	1	1.310655
HL93_str_inv	BOBJ1	128.84	After	Interior Girder 4	5	0.95	1	1	1.310655
HL93_str_inv	BOBJ1	128.84	After	Interior Girder 5	5	0.95	1	1	1.421047
HL93_str_inv	BOBJ1	128.84	After	Interior Girder 6	5	0.95	1	1	1.414896
HL93_str_inv	BOBJ1	131.34	Before	Left Exterior Girder	7.5	0.95	1	1	3.341942
HL93_str_inv	BOBJ1	131.34	Before	Right Exterior Girder	7.5	0.95	1	1	3.341942
HL93_str_inv	BOBJ1	131.34	After	Left Exterior Girder	7.5	0.95	1	1	1.596765
HL93_str_inv	BOBJ1	131.34	After	Right Exterior Girder	7.5	0.95	1	1	1.596765
HL93_str_inv	BOBJ1	132.265	Before	Left Exterior Girder	8.425	0.95	1	1	1.793177
HL93_str_inv	BOBJ1	132.265	Before	Interior Girder 1	8.425	0.95	1	1	1.861005
HL93_str_inv	BOBJ1	132.265	Before	Interior Girder 2	8.425	0.95	1	1	1.864064
HL93_str_inv	BOBJ1	132.265	Before	Interior Girder 3	8.425	0.95	1	1	1.838344
HL93_str_inv	BOBJ1	132.265	Before	Interior Girder 4	8.425	0.95	1	1	1.838344
HL93_str_inv	BOBJ1	132.265	Before	Interior Girder 5	8.425	0.95	1	1	1.864064
HL93_str_inv	BOBJ1	132.265	Before	Interior Girder 6	8.425	0.95	1	1	1.861005
HL93_str_inv	BOBJ1	132.265	Before	Right Exterior Girder	8.425	0.95	1	1	1.793177
HL93_str_inv	BOBJ1	132.265	After	Left Exterior Girder	8.425	0.95	1	1	1.73434
HL93_str_inv	BOBJ1	132.265	After	Interior Girder 1	8.425	0.95	1	1	1.911637
HL93_str_inv	BOBJ1	132.265	After	Interior Girder 2	8.425	0.95	1	1	1.87927
HL93_str_inv	BOBJ1	132.265	After	Interior Girder 3	8.425	0.95	1	1	1.83678
HL93_str_inv	BOBJ1	132.265	After	Interior Girder 4	8.425	0.95	1	1	1.83678
HL93_str_inv	BOBJ1	132.265	After	Interior Girder 5	8.425	0.95	1	1	1.87927
HL93_str_inv	BOBJ1	132.265	After	Interior Girder 6	8.425	0.95	1	1	1.911637
HL93_str_inv	BOBJ1	132.265	After	Right Exterior Girder	8.425	0.95	1	1	1.73434
HL93_str_inv	BOBJ1	140.69	Before	Left Exterior Girder	16.85	0.95	1	1	2.374706
HL93_str_inv	BOBJ1	140.69	Before	Interior Girder 1	16.85	0.95	1	1	2.088286
HL93_str_inv	BOBJ1	140.69	Before	Interior Girder 2	16.85	0.95	1	1	1.937053
HL93_str_inv	BOBJ1	140.69	Before	Interior Girder 3	16.85	0.95	1	1	1.897175
HL93_str_inv	BOBJ1	140.69	Before	Interior Girder 4	16.85	0.95	1	1	1.897175
HL93_str_inv	BOBJ1	140.69	Before	Interior Girder 5	16.85	0.95	1	1	1.937053
HL93_str_inv	BOBJ1	140.69	Before	Interior Girder 6	16.85	0.95	1	1	2.088286
HL93_str_inv	BOBJ1	140.69	Before	Right Exterior Girder	16.85	0.95	1	1	2.374706
HL93_str_inv	BOBJ1	140.69	After	Left Exterior Girder	16.85	0.95	1	1	2.441947
HL93_str_inv	BOBJ1	140.69	After	Interior Girder 1	16.85	0.95	1	1	2.04994
HL93_str_inv	BOBJ1	140.69	After	Interior Girder 2	16.85	0.95	1	1	1.935537
HL93_str_inv	BOBJ1	140.69	After	Interior Girder 3	16.85	0.95	1	1	1.931707
HL93_str_inv	BOBJ1	140.69	After	Interior Girder 4	16.85	0.95	1	1	1.931707
HL93_str_inv	BOBJ1	140.69	After	Interior Girder 5	16.85	0.95	1	1	1.935537
HL93_str_inv	BOBJ1	140.69	After	Interior Girder 6	16.85	0.95	1	1	2.04994
HL93_str_inv	BOBJ1	140.69	After	Right Exterior Girder	16.85	0.95	1	1	2.441947
HL93_str_inv	BOBJ1	149.115	Before	Left Exterior Girder	25.275	0.95	1	1	1.442595
HL93_str_inv	BOBJ1	149.115	Before	Interior Girder 1	25.275	0.95	1	1	1.213827
HL93_str_inv	BOBJ1	149.115	Before	Interior Girder 2	25.275	0.95	1	1	1.185738
HL93_str_inv	BOBJ1	149.115	Before	Interior Girder 3	25.275	0.95	1	1	1.162524
HL93_str_inv	BOBJ1	149.115	Before	Interior Girder 4	25.275	0.95	1	1	1.162524
HL93_str_inv	BOBJ1	149.115	Before	Interior Girder 5	25.275	0.95	1	1	1.185738
HL93_str_inv	BOBJ1	149.115	Before	Interior Girder 6	25.275	0.95	1	1	1.213827
HL93_str_inv	BOBJ1	149.115	Before	Right Exterior Girder	25.275	0.95	1	1	1.442595
HL93_str_inv	BOBJ1	149.115	After	Left Exterior Girder	25.275	0.95	1	1	1.465393
HL93_str_inv	BOBJ1	149.115	After	Interior Girder 1	25.275	0.95	1	1	1.204155
HL93_str_inv	BOBJ1	149.115	After	Interior Girder 2	25.275	0.95	1	1	1.184828
HL93_str_inv	BOBJ1	149.115	After	Interior Girder 3	25.275	0.95	1	1	1.175097
HL93_str_inv	BOBJ1	149.115	After	Interior Girder 4	25.275	0.95	1	1	1.175097
HL93_str_inv	BOBJ1	149.115	After	Interior Girder 5	25.275	0.95	1	1	1.184828
HL93_str_inv	BOBJ1	149.115	After	Interior Girder 6	25.275	0.95	1	1	1.204155
HL93_str_inv	BOBJ1	149.115	After	Right Exterior Girder	25.275	0.95	1	1	1.465393
HL93_str_inv	BOBJ1	157.54	Before	Left Exterior Girder	33.7	0.95	1	1	1.170752
HL93_str_inv	BOBJ1	157.54	Before	Interior Girder 1	33.7	0.95	1	1	1.11573
HL93_str_inv	BOBJ1	157.54	Before	Interior Girder 2	33.7	0.95	1	1	1.102981
HL93_str_inv	BOBJ1	157.54	Before	Interior Girder 3	33.7	0.95	1	1	1.109574
HL93_str_inv	BOBJ1	157.54	Before	Interior Girder 4	33.7	0.95	1	1	1.109574
HL93_str_inv	BOBJ1	157.54	Before	Interior Girder 5	33.7	0.95	1	1	1.102981
HL93_str_inv	BOBJ1	157.54	Before	Interior Girder 6	33.7	0.95	1	1	1.11573
HL93_str_inv	BOBJ1	157.54	Before	Right Exterior Girder	33.7	0.95	1	1	1.170752
HL93_str_inv	BOBJ1	157.54	After	Left Exterior Girder	33.7	0.95	1	1	1.170881

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelINonCompStrgth-Flx - Approach, Span 7-11									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
HL93_str_inv	BOBJ1	157.54	After	Interior Girder 1	33.7	0.95	1	1	1.115711
HL93_str_inv	BOBJ1	157.54	After	Interior Girder 2	33.7	0.95	1	1	1.102947
HL93_str_inv	BOBJ1	157.54	After	Interior Girder 3	33.7	0.95	1	1	1.109616
HL93_str_inv	BOBJ1	157.54	After	Interior Girder 4	33.7	0.95	1	1	1.109616
HL93_str_inv	BOBJ1	157.54	After	Interior Girder 5	33.7	0.95	1	1	1.102947
HL93_str_inv	BOBJ1	157.54	After	Interior Girder 6	33.7	0.95	1	1	1.115711
HL93_str_inv	BOBJ1	157.54	After	Right Exterior Girder	33.7	0.95	1	1	1.170881
HL93_str_inv	BOBJ1	165.965	Before	Left Exterior Girder	42.125	0.95	1	1	1.464106
HL93_str_inv	BOBJ1	165.965	Before	Interior Girder 1	42.125	0.95	1	1	1.203617
HL93_str_inv	BOBJ1	165.965	Before	Interior Girder 2	42.125	0.95	1	1	1.184307
HL93_str_inv	BOBJ1	165.965	Before	Interior Girder 3	42.125	0.95	1	1	1.174482
HL93_str_inv	BOBJ1	165.965	Before	Interior Girder 4	42.125	0.95	1	1	1.174482
HL93_str_inv	BOBJ1	165.965	Before	Interior Girder 5	42.125	0.95	1	1	1.184307
HL93_str_inv	BOBJ1	165.965	Before	Interior Girder 6	42.125	0.95	1	1	1.203617
HL93_str_inv	BOBJ1	165.965	Before	Right Exterior Girder	42.125	0.95	1	1	1.464106
HL93_str_inv	BOBJ1	165.965	After	Left Exterior Girder	42.125	0.95	1	1	1.441491
HL93_str_inv	BOBJ1	165.965	After	Interior Girder 1	42.125	0.95	1	1	1.213229
HL93_str_inv	BOBJ1	165.965	After	Interior Girder 2	42.125	0.95	1	1	1.185204
HL93_str_inv	BOBJ1	165.965	After	Interior Girder 3	42.125	0.95	1	1	1.161971
HL93_str_inv	BOBJ1	165.965	After	Interior Girder 4	42.125	0.95	1	1	1.161971
HL93_str_inv	BOBJ1	165.965	After	Interior Girder 5	42.125	0.95	1	1	1.185204
HL93_str_inv	BOBJ1	165.965	After	Interior Girder 6	42.125	0.95	1	1	1.213229
HL93_str_inv	BOBJ1	165.965	After	Right Exterior Girder	42.125	0.95	1	1	1.441491
HL93_str_inv	BOBJ1	174.39	Before	Left Exterior Girder	50.55	0.95	1	1	2.436584
HL93_str_inv	BOBJ1	174.39	Before	Interior Girder 1	50.55	0.95	1	1	2.047398
HL93_str_inv	BOBJ1	174.39	Before	Interior Girder 2	50.55	0.95	1	1	1.933376
HL93_str_inv	BOBJ1	174.39	Before	Interior Girder 3	50.55	0.95	1	1	1.929129
HL93_str_inv	BOBJ1	174.39	Before	Interior Girder 4	50.55	0.95	1	1	1.929129
HL93_str_inv	BOBJ1	174.39	Before	Interior Girder 5	50.55	0.95	1	1	1.933376
HL93_str_inv	BOBJ1	174.39	Before	Interior Girder 6	50.55	0.95	1	1	2.047398
HL93_str_inv	BOBJ1	174.39	Before	Right Exterior Girder	50.55	0.95	1	1	2.436584
HL93_str_inv	BOBJ1	174.39	After	Left Exterior Girder	50.55	0.95	1	1	2.369668
HL93_str_inv	BOBJ1	174.39	After	Interior Girder 1	50.55	0.95	1	1	2.085747
HL93_str_inv	BOBJ1	174.39	After	Interior Girder 2	50.55	0.95	1	1	1.934929
HL93_str_inv	BOBJ1	174.39	After	Interior Girder 3	50.55	0.95	1	1	1.894703
HL93_str_inv	BOBJ1	174.39	After	Interior Girder 4	50.55	0.95	1	1	1.894703
HL93_str_inv	BOBJ1	174.39	After	Interior Girder 5	50.55	0.95	1	1	1.934929
HL93_str_inv	BOBJ1	174.39	After	Interior Girder 6	50.55	0.95	1	1	2.085747
HL93_str_inv	BOBJ1	174.39	After	Right Exterior Girder	50.55	0.95	1	1	2.369668
HL93_str_inv	BOBJ1	182.825	Before	Left Exterior Girder	58.985	0.95	1	1	1.735936
HL93_str_inv	BOBJ1	182.825	Before	Interior Girder 1	58.985	0.95	1	1	1.910164
HL93_str_inv	BOBJ1	182.825	Before	Interior Girder 2	58.985	0.95	1	1	1.877549
HL93_str_inv	BOBJ1	182.825	Before	Interior Girder 3	58.985	0.95	1	1	1.837548
HL93_str_inv	BOBJ1	182.825	Before	Interior Girder 4	58.985	0.95	1	1	1.837548
HL93_str_inv	BOBJ1	182.825	Before	Interior Girder 5	58.985	0.95	1	1	1.877549
HL93_str_inv	BOBJ1	182.825	Before	Interior Girder 6	58.985	0.95	1	1	1.910164
HL93_str_inv	BOBJ1	182.825	Before	Right Exterior Girder	58.985	0.95	1	1	1.735936
HL93_str_inv	BOBJ1	182.825	After	Left Exterior Girder	58.985	0.95	1	1	1.794931
HL93_str_inv	BOBJ1	182.825	After	Interior Girder 1	58.985	0.95	1	1	1.859575
HL93_str_inv	BOBJ1	182.825	After	Interior Girder 2	58.985	0.95	1	1	1.86226
HL93_str_inv	BOBJ1	182.825	After	Interior Girder 3	58.985	0.95	1	1	1.839278
HL93_str_inv	BOBJ1	182.825	After	Interior Girder 4	58.985	0.95	1	1	1.839278
HL93_str_inv	BOBJ1	182.825	After	Interior Girder 5	58.985	0.95	1	1	1.86226
HL93_str_inv	BOBJ1	182.825	After	Interior Girder 6	58.985	0.95	1	1	1.859575
HL93_str_inv	BOBJ1	182.825	After	Right Exterior Girder	58.985	0.95	1	1	1.794931
HL93_str_inv	BOBJ1	183.76	Before	Left Exterior Girder	59.92	0.95	1	1	1.590062
HL93_str_inv	BOBJ1	183.76	Before	Right Exterior Girder	59.92	0.95	1	1	1.590062
HL93_str_inv	BOBJ1	183.76	After	Left Exterior Girder	59.92	0.95	1	1	3.332195
HL93_str_inv	BOBJ1	183.76	After	Right Exterior Girder	59.92	0.95	1	1	3.332195
HL93_str_inv	BOBJ1	186.26	Before	Interior Girder 1	62.42	0.95	1	1	1.411787
HL93_str_inv	BOBJ1	186.26	Before	Interior Girder 2	62.42	0.95	1	1	1.418025
HL93_str_inv	BOBJ1	186.26	Before	Interior Girder 3	62.42	0.95	1	1	1.310292
HL93_str_inv	BOBJ1	186.26	Before	Interior Girder 4	62.42	0.95	1	1	1.310292
HL93_str_inv	BOBJ1	186.26	Before	Interior Girder 5	62.42	0.95	1	1	1.418025
HL93_str_inv	BOBJ1	186.26	Before	Interior Girder 6	62.42	0.95	1	1	1.411787

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelINonCompStrgth-Flx - Approach, Span 7-11									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
HL93_str_inv	BOBJ1	186.26	After	Interior Girder 1	62.42	0.95	1	1	2.03316
HL93_str_inv	BOBJ1	186.26	After	Interior Girder 2	62.42	0.95	1	1	1.991319
HL93_str_inv	BOBJ1	186.26	After	Interior Girder 3	62.42	0.95	1	1	1.87087
HL93_str_inv	BOBJ1	186.26	After	Interior Girder 4	62.42	0.95	1	1	1.87087
HL93_str_inv	BOBJ1	186.26	After	Interior Girder 5	62.42	0.95	1	1	1.991319
HL93_str_inv	BOBJ1	186.26	After	Interior Girder 6	62.42	0.95	1	1	2.03316
HL93_str_inv	BOBJ1	191.26	Before	Left Exterior Girder	67.42	0.95	1	1	1.73204
HL93_str_inv	BOBJ1	191.26	Before	Interior Girder 1	67.42	0.95	1	1	1.234738
HL93_str_inv	BOBJ1	191.26	Before	Interior Girder 2	67.42	0.95	1	1	1.230295
HL93_str_inv	BOBJ1	191.26	Before	Interior Girder 3	67.42	0.95	1	1	1.014982
HL93_str_inv	BOBJ1	191.26	Before	Interior Girder 4	67.42	0.95	1	1	1.014982
HL93_str_inv	BOBJ1	191.26	Before	Interior Girder 5	67.42	0.95	1	1	1.230295
HL93_str_inv	BOBJ1	191.26	Before	Interior Girder 6	67.42	0.95	1	1	1.234738
HL93_str_inv	BOBJ1	191.26	Before	Right Exterior Girder	67.42	0.95	1	1	1.73204
HL93_str_inv	BOBJ1	191.26	After	Left Exterior Girder	0	0.95	1	1	1.741599
HL93_str_inv	BOBJ1	191.26	After	Interior Girder 1	0	0.95	1	1	1.250701
HL93_str_inv	BOBJ1	191.26	After	Interior Girder 2	0	0.95	1	1	1.23776
HL93_str_inv	BOBJ1	191.26	After	Interior Girder 3	0	0.95	1	1	1.01691
HL93_str_inv	BOBJ1	191.26	After	Interior Girder 4	0	0.95	1	1	1.01691
HL93_str_inv	BOBJ1	191.26	After	Interior Girder 5	0	0.95	1	1	1.23776
HL93_str_inv	BOBJ1	191.26	After	Interior Girder 6	0	0.95	1	1	1.250701
HL93_str_inv	BOBJ1	191.26	After	Right Exterior Girder	0	0.95	1	1	1.741599
HL93_str_inv	BOBJ1	196.26	Before	Interior Girder 1	5	0.95	1	1	1.996848
HL93_str_inv	BOBJ1	196.26	Before	Interior Girder 2	5	0.95	1	1	1.963118
HL93_str_inv	BOBJ1	196.26	Before	Interior Girder 3	5	0.95	1	1	1.848481
HL93_str_inv	BOBJ1	196.26	Before	Interior Girder 4	5	0.95	1	1	1.848481
HL93_str_inv	BOBJ1	196.26	Before	Interior Girder 5	5	0.95	1	1	1.963118
HL93_str_inv	BOBJ1	196.26	Before	Interior Girder 6	5	0.95	1	1	1.996848
HL93_str_inv	BOBJ1	196.26	After	Interior Girder 1	5	0.95	1	1	1.386506
HL93_str_inv	BOBJ1	196.26	After	Interior Girder 2	5	0.95	1	1	1.397195
HL93_str_inv	BOBJ1	196.26	After	Interior Girder 3	5	0.95	1	1	1.293709
HL93_str_inv	BOBJ1	196.26	After	Interior Girder 4	5	0.95	1	1	1.293709
HL93_str_inv	BOBJ1	196.26	After	Interior Girder 5	5	0.95	1	1	1.397195
HL93_str_inv	BOBJ1	196.26	After	Interior Girder 6	5	0.95	1	1	1.386506
HL93_str_inv	BOBJ1	198.76	Before	Left Exterior Girder	7.5	0.95	1	1	3.255318
HL93_str_inv	BOBJ1	198.76	Before	Right Exterior Girder	7.5	0.95	1	1	3.255318
HL93_str_inv	BOBJ1	198.76	After	Left Exterior Girder	7.5	0.95	1	1	1.554249
HL93_str_inv	BOBJ1	198.76	After	Right Exterior Girder	7.5	0.95	1	1	1.554249
HL93_str_inv	BOBJ1	199.685	Before	Left Exterior Girder	8.425	0.95	1	1	1.741514
HL93_str_inv	BOBJ1	199.685	Before	Interior Girder 1	8.425	0.95	1	1	1.815396
HL93_str_inv	BOBJ1	199.685	Before	Interior Girder 2	8.425	0.95	1	1	1.825052
HL93_str_inv	BOBJ1	199.685	Before	Interior Girder 3	8.425	0.95	1	1	1.801926
HL93_str_inv	BOBJ1	199.685	Before	Interior Girder 4	8.425	0.95	1	1	1.801926
HL93_str_inv	BOBJ1	199.685	Before	Interior Girder 5	8.425	0.95	1	1	1.825052
HL93_str_inv	BOBJ1	199.685	Before	Interior Girder 6	8.425	0.95	1	1	1.815396
HL93_str_inv	BOBJ1	199.685	Before	Right Exterior Girder	8.425	0.95	1	1	1.741514
HL93_str_inv	BOBJ1	199.685	After	Left Exterior Girder	8.425	0.95	1	1	1.685015
HL93_str_inv	BOBJ1	199.685	After	Interior Girder 1	8.425	0.95	1	1	1.864622
HL93_str_inv	BOBJ1	199.685	After	Interior Girder 2	8.425	0.95	1	1	1.839691
HL93_str_inv	BOBJ1	199.685	After	Interior Girder 3	8.425	0.95	1	1	1.798821
HL93_str_inv	BOBJ1	199.685	After	Interior Girder 4	8.425	0.95	1	1	1.798821
HL93_str_inv	BOBJ1	199.685	After	Interior Girder 5	8.425	0.95	1	1	1.839691
HL93_str_inv	BOBJ1	199.685	After	Interior Girder 6	8.425	0.95	1	1	1.864622
HL93_str_inv	BOBJ1	199.685	After	Right Exterior Girder	8.425	0.95	1	1	1.685015
HL93_str_inv	BOBJ1	208.11	Before	Left Exterior Girder	16.85	0.95	1	1	2.345821
HL93_str_inv	BOBJ1	208.11	Before	Interior Girder 1	16.85	0.95	1	1	2.076389
HL93_str_inv	BOBJ1	208.11	Before	Interior Girder 2	16.85	0.95	1	1	1.926317
HL93_str_inv	BOBJ1	208.11	Before	Interior Girder 3	16.85	0.95	1	1	1.886184
HL93_str_inv	BOBJ1	208.11	Before	Interior Girder 4	16.85	0.95	1	1	1.886184
HL93_str_inv	BOBJ1	208.11	Before	Interior Girder 5	16.85	0.95	1	1	1.926317
HL93_str_inv	BOBJ1	208.11	Before	Interior Girder 6	16.85	0.95	1	1	2.076389
HL93_str_inv	BOBJ1	208.11	Before	Right Exterior Girder	16.85	0.95	1	1	2.345821
HL93_str_inv	BOBJ1	208.11	After	Left Exterior Girder	16.85	0.95	1	1	2.409372
HL93_str_inv	BOBJ1	208.11	After	Interior Girder 1	16.85	0.95	1	1	2.038731
HL93_str_inv	BOBJ1	208.11	After	Interior Girder 2	16.85	0.95	1	1	1.92552

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelINonCompStrgth-Flx - Approach, Span 7-11									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
HL93_str_inv	BOBJ1	208.11	After	Interior Girder 3	16.85	0.95	1	1	1.92094
HL93_str_inv	BOBJ1	208.11	After	Interior Girder 4	16.85	0.95	1	1	1.92094
HL93_str_inv	BOBJ1	208.11	After	Interior Girder 5	16.85	0.95	1	1	1.92552
HL93_str_inv	BOBJ1	208.11	After	Interior Girder 6	16.85	0.95	1	1	2.038731
HL93_str_inv	BOBJ1	208.11	After	Right Exterior Girder	16.85	0.95	1	1	2.409372
HL93_str_inv	BOBJ1	216.535	Before	Left Exterior Girder	25.275	0.95	1	1	1.456061
HL93_str_inv	BOBJ1	216.535	Before	Interior Girder 1	25.275	0.95	1	1	1.225368
HL93_str_inv	BOBJ1	216.535	Before	Interior Girder 2	25.275	0.95	1	1	1.193914
HL93_str_inv	BOBJ1	216.535	Before	Interior Girder 3	25.275	0.95	1	1	1.166645
HL93_str_inv	BOBJ1	216.535	Before	Interior Girder 4	25.275	0.95	1	1	1.166645
HL93_str_inv	BOBJ1	216.535	Before	Interior Girder 5	25.275	0.95	1	1	1.193914
HL93_str_inv	BOBJ1	216.535	Before	Interior Girder 6	25.275	0.95	1	1	1.225368
HL93_str_inv	BOBJ1	216.535	Before	Right Exterior Girder	25.275	0.95	1	1	1.456061
HL93_str_inv	BOBJ1	216.535	After	Left Exterior Girder	25.275	0.95	1	1	1.477471
HL93_str_inv	BOBJ1	216.535	After	Interior Girder 1	25.275	0.95	1	1	1.215638
HL93_str_inv	BOBJ1	216.535	After	Interior Girder 2	25.275	0.95	1	1	1.193541
HL93_str_inv	BOBJ1	216.535	After	Interior Girder 3	25.275	0.95	1	1	1.179449
HL93_str_inv	BOBJ1	216.535	After	Interior Girder 4	25.275	0.95	1	1	1.179449
HL93_str_inv	BOBJ1	216.535	After	Interior Girder 5	25.275	0.95	1	1	1.193541
HL93_str_inv	BOBJ1	216.535	After	Interior Girder 6	25.275	0.95	1	1	1.215638
HL93_str_inv	BOBJ1	216.535	After	Right Exterior Girder	25.275	0.95	1	1	1.477471
HL93_str_inv	BOBJ1	224.96	Before	Left Exterior Girder	33.7	0.95	1	1	1.200428
HL93_str_inv	BOBJ1	224.96	Before	Interior Girder 1	33.7	0.95	1	1	1.142379
HL93_str_inv	BOBJ1	224.96	Before	Interior Girder 2	33.7	0.95	1	1	1.12105
HL93_str_inv	BOBJ1	224.96	Before	Interior Girder 3	33.7	0.95	1	1	1.124752
HL93_str_inv	BOBJ1	224.96	Before	Interior Girder 4	33.7	0.95	1	1	1.124752
HL93_str_inv	BOBJ1	224.96	Before	Interior Girder 5	33.7	0.95	1	1	1.12105
HL93_str_inv	BOBJ1	224.96	Before	Interior Girder 6	33.7	0.95	1	1	1.142379
HL93_str_inv	BOBJ1	224.96	Before	Right Exterior Girder	33.7	0.95	1	1	1.200428
HL93_str_inv	BOBJ1	224.96	After	Left Exterior Girder	33.7	0.95	1	1	1.198654
HL93_str_inv	BOBJ1	224.96	After	Interior Girder 1	33.7	0.95	1	1	1.142894
HL93_str_inv	BOBJ1	224.96	After	Interior Girder 2	33.7	0.95	1	1	1.12232
HL93_str_inv	BOBJ1	224.96	After	Interior Girder 3	33.7	0.95	1	1	1.125307
HL93_str_inv	BOBJ1	224.96	After	Interior Girder 4	33.7	0.95	1	1	1.125307
HL93_str_inv	BOBJ1	224.96	After	Interior Girder 5	33.7	0.95	1	1	1.12232
HL93_str_inv	BOBJ1	224.96	After	Interior Girder 6	33.7	0.95	1	1	1.142894
HL93_str_inv	BOBJ1	224.96	After	Right Exterior Girder	33.7	0.95	1	1	1.198654
HL93_str_inv	BOBJ1	233.385	Before	Left Exterior Girder	42.125	0.95	1	1	1.538943
HL93_str_inv	BOBJ1	233.385	Before	Interior Girder 1	42.125	0.95	1	1	1.24491
HL93_str_inv	BOBJ1	233.385	Before	Interior Girder 2	42.125	0.95	1	1	1.216108
HL93_str_inv	BOBJ1	233.385	Before	Interior Girder 3	42.125	0.95	1	1	1.198726
HL93_str_inv	BOBJ1	233.385	Before	Interior Girder 4	42.125	0.95	1	1	1.198726
HL93_str_inv	BOBJ1	233.385	Before	Interior Girder 5	42.125	0.95	1	1	1.216108
HL93_str_inv	BOBJ1	233.385	Before	Interior Girder 6	42.125	0.95	1	1	1.24491
HL93_str_inv	BOBJ1	233.385	Before	Right Exterior Girder	42.125	0.95	1	1	1.538943
HL93_str_inv	BOBJ1	233.385	After	Left Exterior Girder	42.125	0.95	1	1	1.511666
HL93_str_inv	BOBJ1	233.385	After	Interior Girder 1	42.125	0.95	1	1	1.256826
HL93_str_inv	BOBJ1	233.385	After	Interior Girder 2	42.125	0.95	1	1	1.217711
HL93_str_inv	BOBJ1	233.385	After	Interior Girder 3	42.125	0.95	1	1	1.185755
HL93_str_inv	BOBJ1	233.385	After	Interior Girder 4	42.125	0.95	1	1	1.185755
HL93_str_inv	BOBJ1	233.385	After	Interior Girder 5	42.125	0.95	1	1	1.217711
HL93_str_inv	BOBJ1	233.385	After	Interior Girder 6	42.125	0.95	1	1	1.256826
HL93_str_inv	BOBJ1	233.385	After	Right Exterior Girder	42.125	0.95	1	1	1.511666
HL93_str_inv	BOBJ1	241.81	Before	Left Exterior Girder	50.55	0.95	1	1	2.661949
HL93_str_inv	BOBJ1	241.81	Before	Interior Girder 1	50.55	0.95	1	1	2.165835
HL93_str_inv	BOBJ1	241.81	Before	Interior Girder 2	50.55	0.95	1	1	2.01789
HL93_str_inv	BOBJ1	241.81	Before	Interior Girder 3	50.55	0.95	1	1	1.991057
HL93_str_inv	BOBJ1	241.81	Before	Interior Girder 4	50.55	0.95	1	1	1.991057
HL93_str_inv	BOBJ1	241.81	Before	Interior Girder 5	50.55	0.95	1	1	2.01789
HL93_str_inv	BOBJ1	241.81	Before	Interior Girder 6	50.55	0.95	1	1	2.165835
HL93_str_inv	BOBJ1	241.81	Before	Right Exterior Girder	50.55	0.95	1	1	2.661949
HL93_str_inv	BOBJ1	241.81	After	Left Exterior Girder	50.55	0.95	1	1	2.594994
HL93_str_inv	BOBJ1	241.81	After	Interior Girder 1	50.55	0.95	1	1	2.205652
HL93_str_inv	BOBJ1	241.81	After	Interior Girder 2	50.55	0.95	1	1	2.028971
HL93_str_inv	BOBJ1	241.81	After	Interior Girder 3	50.55	0.95	1	1	1.973621

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelINonCompStrgth-Flx - Approach, Span 7-11									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
HL93_str_inv	BOBJ1	241.81	After	Interior Girder 4	50.55	0.95	1	1	1.973621
HL93_str_inv	BOBJ1	241.81	After	Interior Girder 5	50.55	0.95	1	1	2.028971
HL93_str_inv	BOBJ1	241.81	After	Interior Girder 6	50.55	0.95	1	1	2.205652
HL93_str_inv	BOBJ1	241.81	After	Right Exterior Girder	50.55	0.95	1	1	2.594994
HL93_str_inv	BOBJ1	245.18	Before	Left Exterior Girder	53.92	0.95	1	1	2.932878
HL93_str_inv	BOBJ1	245.18	Before	Interior Girder 1	53.92	0.95	1	1	2.927927
HL93_str_inv	BOBJ1	245.18	Before	Interior Girder 2	53.92	0.95	1	1	2.660996
HL93_str_inv	BOBJ1	245.18	Before	Interior Girder 3	53.92	0.95	1	1	2.627626
HL93_str_inv	BOBJ1	245.18	Before	Interior Girder 4	53.92	0.95	1	1	2.627626
HL93_str_inv	BOBJ1	245.18	Before	Interior Girder 5	53.92	0.95	1	1	2.660996
HL93_str_inv	BOBJ1	245.18	Before	Interior Girder 6	53.92	0.95	1	1	2.927927
HL93_str_inv	BOBJ1	245.18	Before	Right Exterior Girder	53.92	0.95	1	1	2.932878
HL93_str_inv	BOBJ1	245.18	After	Left Exterior Girder	53.92	0.95	1	1	3.437502
HL93_str_inv	BOBJ1	245.18	After	Interior Girder 1	53.92	0.95	1	1	3.129357
HL93_str_inv	BOBJ1	245.18	After	Interior Girder 2	53.92	0.95	1	1	2.835672
HL93_str_inv	BOBJ1	245.18	After	Interior Girder 3	53.92	0.95	1	1	2.764601
HL93_str_inv	BOBJ1	245.18	After	Interior Girder 4	53.92	0.95	1	1	2.764601
HL93_str_inv	BOBJ1	245.18	After	Interior Girder 5	53.92	0.95	1	1	2.835672
HL93_str_inv	BOBJ1	245.18	After	Interior Girder 6	53.92	0.95	1	1	3.129357
HL93_str_inv	BOBJ1	245.18	After	Right Exterior Girder	53.92	0.95	1	1	3.437502
HL93_str_inv	BOBJ1	250.245	Before	Left Exterior Girder	58.985	0.95	1	1	2.312066
HL93_str_inv	BOBJ1	250.245	Before	Interior Girder 1	58.985	0.95	1	1	2.278218
HL93_str_inv	BOBJ1	250.245	Before	Interior Girder 2	58.985	0.95	1	1	2.191068
HL93_str_inv	BOBJ1	250.245	Before	Interior Girder 3	58.985	0.95	1	1	2.098581
HL93_str_inv	BOBJ1	250.245	Before	Interior Girder 4	58.985	0.95	1	1	2.098581
HL93_str_inv	BOBJ1	250.245	Before	Interior Girder 5	58.985	0.95	1	1	2.191068
HL93_str_inv	BOBJ1	250.245	Before	Interior Girder 6	58.985	0.95	1	1	2.278218
HL93_str_inv	BOBJ1	250.245	Before	Right Exterior Girder	58.985	0.95	1	1	2.312066
HL93_str_inv	BOBJ1	250.245	After	Left Exterior Girder	58.985	0.95	1	1	2.343036
HL93_str_inv	BOBJ1	250.245	After	Interior Girder 1	58.985	0.95	1	1	2.251187
HL93_str_inv	BOBJ1	250.245	After	Interior Girder 2	58.985	0.95	1	1	2.170468
HL93_str_inv	BOBJ1	250.245	After	Interior Girder 3	58.985	0.95	1	1	2.09534
HL93_str_inv	BOBJ1	250.245	After	Interior Girder 4	58.985	0.95	1	1	2.09534
HL93_str_inv	BOBJ1	250.245	After	Interior Girder 5	58.985	0.95	1	1	2.170468
HL93_str_inv	BOBJ1	250.245	After	Interior Girder 6	58.985	0.95	1	1	2.251187
HL93_str_inv	BOBJ1	250.245	After	Right Exterior Girder	58.985	0.95	1	1	2.343036
HL93_str_inv	BOBJ1	251.68	Before	Left Exterior Girder	60.42	0.95	1	1	2.011516
HL93_str_inv	BOBJ1	251.68	Before	Right Exterior Girder	60.42	0.95	1	1	2.011516
HL93_str_inv	BOBJ1	251.68	After	Left Exterior Girder	60.42	0.95	1	1	3.657502
HL93_str_inv	BOBJ1	251.68	After	Right Exterior Girder	60.42	0.95	1	1	3.657502
HL93_str_inv	BOBJ1	254.18	Before	Interior Girder 1	62.92	0.95	1	1	1.618168
HL93_str_inv	BOBJ1	254.18	Before	Interior Girder 2	62.92	0.95	1	1	1.586613
HL93_str_inv	BOBJ1	254.18	Before	Interior Girder 3	62.92	0.95	1	1	1.421496
HL93_str_inv	BOBJ1	254.18	Before	Interior Girder 4	62.92	0.95	1	1	1.421496
HL93_str_inv	BOBJ1	254.18	Before	Interior Girder 5	62.92	0.95	1	1	1.586613
HL93_str_inv	BOBJ1	254.18	Before	Interior Girder 6	62.92	0.95	1	1	1.618168
HL93_str_inv	BOBJ1	254.18	After	Interior Girder 1	62.92	0.95	1	1	2.024057
HL93_str_inv	BOBJ1	254.18	After	Interior Girder 2	62.92	0.95	1	1	1.940584
HL93_str_inv	BOBJ1	254.18	After	Interior Girder 3	62.92	0.95	1	1	1.762426
HL93_str_inv	BOBJ1	254.18	After	Interior Girder 4	62.92	0.95	1	1	1.762426
HL93_str_inv	BOBJ1	254.18	After	Interior Girder 5	62.92	0.95	1	1	1.940584
HL93_str_inv	BOBJ1	254.18	After	Interior Girder 6	62.92	0.95	1	1	2.024057
HL93_str_inv	BOBJ1	258.68	Before	Left Exterior Girder	67.42	0.95	1	1	1.747194
HL93_str_inv	BOBJ1	258.68	Before	Interior Girder 1	67.42	0.95	1	1	1.148446
HL93_str_inv	BOBJ1	258.68	Before	Interior Girder 2	67.42	0.95	1	1	1.142942
HL93_str_inv	BOBJ1	258.68	Before	Interior Girder 3	67.42	0.95	1	1	0.942984
HL93_str_inv	BOBJ1	258.68	Before	Interior Girder 4	67.42	0.95	1	1	0.942984
HL93_str_inv	BOBJ1	258.68	Before	Interior Girder 5	67.42	0.95	1	1	1.142942
HL93_str_inv	BOBJ1	258.68	Before	Interior Girder 6	67.42	0.95	1	1	1.148446
HL93_str_inv	BOBJ1	258.68	Before	Right Exterior Girder	67.42	0.95	1	1	1.747194
HL93_str_inv	BOBJ1	258.68	After	Left Exterior Girder	0	0.95	1	1	1.694175
HL93_str_inv	BOBJ1	258.68	After	Interior Girder 1	0	0.95	1	1	1.12318
HL93_str_inv	BOBJ1	258.68	After	Interior Girder 2	0	0.95	1	1	1.11883
HL93_str_inv	BOBJ1	258.68	After	Interior Girder 3	0	0.95	1	1	0.909707
HL93_str_inv	BOBJ1	258.68	After	Interior Girder 4	0	0.95	1	1	0.909707

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelINonCompStrgth-Flx - Approach, Span 7-11									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
HL93_str_inv	BOBJ1	258.68	After	Interior Girder 5	0	0.95	1	1	1.11883
HL93_str_inv	BOBJ1	258.68	After	Interior Girder 6	0	0.95	1	1	1.12318
HL93_str_inv	BOBJ1	258.68	After	Right Exterior Girder	0	0.95	1	1	1.694175
HL93_str_inv	BOBJ1	263.18	Before	Interior Girder 1	4.5	0.95	1	1	1.747667
HL93_str_inv	BOBJ1	263.18	Before	Interior Girder 2	4.5	0.95	1	1	1.709252
HL93_str_inv	BOBJ1	263.18	Before	Interior Girder 3	4.5	0.95	1	1	1.593754
HL93_str_inv	BOBJ1	263.18	Before	Interior Girder 4	4.5	0.95	1	1	1.593754
HL93_str_inv	BOBJ1	263.18	Before	Interior Girder 5	4.5	0.95	1	1	1.709252
HL93_str_inv	BOBJ1	263.18	Before	Interior Girder 6	4.5	0.95	1	1	1.747667
HL93_str_inv	BOBJ1	263.18	After	Interior Girder 1	4.5	0.95	1	1	1.395281
HL93_str_inv	BOBJ1	263.18	After	Interior Girder 2	4.5	0.95	1	1	1.395397
HL93_str_inv	BOBJ1	263.18	After	Interior Girder 3	4.5	0.95	1	1	1.28291
HL93_str_inv	BOBJ1	263.18	After	Interior Girder 4	4.5	0.95	1	1	1.28291
HL93_str_inv	BOBJ1	263.18	After	Interior Girder 5	4.5	0.95	1	1	1.395397
HL93_str_inv	BOBJ1	263.18	After	Interior Girder 6	4.5	0.95	1	1	1.395281
HL93_str_inv	BOBJ1	265.68	Before	Left Exterior Girder	7	0.95	1	1	2.964529
HL93_str_inv	BOBJ1	265.68	Before	Right Exterior Girder	7	0.95	1	1	2.964529
HL93_str_inv	BOBJ1	265.68	After	Left Exterior Girder	7	0.95	1	1	1.635538
HL93_str_inv	BOBJ1	265.68	After	Right Exterior Girder	7	0.95	1	1	1.635538
HL93_str_inv	BOBJ1	268.08	Before	Left Exterior Girder	9.4	0.95	1	1	2.055138
HL93_str_inv	BOBJ1	268.08	Before	Interior Girder 1	9.4	0.95	1	1	2.024694
HL93_str_inv	BOBJ1	268.08	Before	Interior Girder 2	9.4	0.95	1	1	2.009558
HL93_str_inv	BOBJ1	268.08	Before	Interior Girder 3	9.4	0.95	1	1	1.99434
HL93_str_inv	BOBJ1	268.08	Before	Interior Girder 4	9.4	0.95	1	1	1.99434
HL93_str_inv	BOBJ1	268.08	Before	Interior Girder 5	9.4	0.95	1	1	2.009558
HL93_str_inv	BOBJ1	268.08	Before	Interior Girder 6	9.4	0.95	1	1	2.024694
HL93_str_inv	BOBJ1	268.08	Before	Right Exterior Girder	9.4	0.95	1	1	2.055138
HL93_str_inv	BOBJ1	268.08	After	Left Exterior Girder	9.4	0.95	1	1	1.998514
HL93_str_inv	BOBJ1	268.08	After	Interior Girder 1	9.4	0.95	1	1	2.062996
HL93_str_inv	BOBJ1	268.08	After	Interior Girder 2	9.4	0.95	1	1	2.030082
HL93_str_inv	BOBJ1	268.08	After	Interior Girder 3	9.4	0.95	1	1	1.992631
HL93_str_inv	BOBJ1	268.08	After	Interior Girder 4	9.4	0.95	1	1	1.992631
HL93_str_inv	BOBJ1	268.08	After	Interior Girder 5	9.4	0.95	1	1	2.030082
HL93_str_inv	BOBJ1	268.08	After	Interior Girder 6	9.4	0.95	1	1	2.062996
HL93_str_inv	BOBJ1	268.08	After	Right Exterior Girder	9.4	0.95	1	1	1.998514
HL93_str_inv	BOBJ1	277.48	Before	Left Exterior Girder	18.8	0.95	1	1	2.040192
HL93_str_inv	BOBJ1	277.48	Before	Interior Girder 1	18.8	0.95	1	1	1.788593
HL93_str_inv	BOBJ1	277.48	Before	Interior Girder 2	18.8	0.95	1	1	1.657541
HL93_str_inv	BOBJ1	277.48	Before	Interior Girder 3	18.8	0.95	1	1	1.62306
HL93_str_inv	BOBJ1	277.48	Before	Interior Girder 4	18.8	0.95	1	1	1.62306
HL93_str_inv	BOBJ1	277.48	Before	Interior Girder 5	18.8	0.95	1	1	1.657541
HL93_str_inv	BOBJ1	277.48	Before	Interior Girder 6	18.8	0.95	1	1	1.788593
HL93_str_inv	BOBJ1	277.48	Before	Right Exterior Girder	18.8	0.95	1	1	2.040192
HL93_str_inv	BOBJ1	277.48	After	Left Exterior Girder	18.8	0.95	1	1	2.083717
HL93_str_inv	BOBJ1	277.48	After	Interior Girder 1	18.8	0.95	1	1	1.757807
HL93_str_inv	BOBJ1	277.48	After	Interior Girder 2	18.8	0.95	1	1	1.659739
HL93_str_inv	BOBJ1	277.48	After	Interior Girder 3	18.8	0.95	1	1	1.647165
HL93_str_inv	BOBJ1	277.48	After	Interior Girder 4	18.8	0.95	1	1	1.647165
HL93_str_inv	BOBJ1	277.48	After	Interior Girder 5	18.8	0.95	1	1	1.659739
HL93_str_inv	BOBJ1	277.48	After	Interior Girder 6	18.8	0.95	1	1	1.757807
HL93_str_inv	BOBJ1	277.48	After	Right Exterior Girder	18.8	0.95	1	1	2.083717
HL93_str_inv	BOBJ1	286.88	Before	Left Exterior Girder	28.2	0.95	1	1	1.448196
HL93_str_inv	BOBJ1	286.88	Before	Interior Girder 1	28.2	0.95	1	1	1.139304
HL93_str_inv	BOBJ1	286.88	Before	Interior Girder 2	28.2	0.95	1	1	1.103891
HL93_str_inv	BOBJ1	286.88	Before	Interior Girder 3	28.2	0.95	1	1	1.071678
HL93_str_inv	BOBJ1	286.88	Before	Interior Girder 4	28.2	0.95	1	1	1.071678
HL93_str_inv	BOBJ1	286.88	Before	Interior Girder 5	28.2	0.95	1	1	1.103891
HL93_str_inv	BOBJ1	286.88	Before	Interior Girder 6	28.2	0.95	1	1	1.139304
HL93_str_inv	BOBJ1	286.88	Before	Right Exterior Girder	28.2	0.95	1	1	1.448196
HL93_str_inv	BOBJ1	286.88	After	Left Exterior Girder	28.2	0.95	1	1	1.455322
HL93_str_inv	BOBJ1	286.88	After	Interior Girder 1	28.2	0.95	1	1	1.136427
HL93_str_inv	BOBJ1	286.88	After	Interior Girder 2	28.2	0.95	1	1	1.106175
HL93_str_inv	BOBJ1	286.88	After	Interior Girder 3	28.2	0.95	1	1	1.07848
HL93_str_inv	BOBJ1	286.88	After	Interior Girder 4	28.2	0.95	1	1	1.07848
HL93_str_inv	BOBJ1	286.88	After	Interior Girder 5	28.2	0.95	1	1	1.106175

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelINonCompStrgth-Flx - Approach, Span 7-11									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
HL93_str_inv	BOBJ1	286.88	After	Interior Girder 6	28.2	0.95	1	1	1.136427
HL93_str_inv	BOBJ1	286.88	After	Right Exterior Girder	28.2	0.95	1	1	1.455322
HL93_str_inv	BOBJ1	296.28	Before	Left Exterior Girder	37.6	0.95	1	1	1.3491
HL93_str_inv	BOBJ1	296.28	Before	Interior Girder 1	37.6	0.95	1	1	1.192598
HL93_str_inv	BOBJ1	296.28	Before	Interior Girder 2	37.6	0.95	1	1	1.14835
HL93_str_inv	BOBJ1	296.28	Before	Interior Girder 3	37.6	0.95	1	1	1.144986
HL93_str_inv	BOBJ1	296.28	Before	Interior Girder 4	37.6	0.95	1	1	1.144986
HL93_str_inv	BOBJ1	296.28	Before	Interior Girder 5	37.6	0.95	1	1	1.14835
HL93_str_inv	BOBJ1	296.28	Before	Interior Girder 6	37.6	0.95	1	1	1.192598
HL93_str_inv	BOBJ1	296.28	Before	Right Exterior Girder	37.6	0.95	1	1	1.3491
HL93_str_inv	BOBJ1	296.28	After	Left Exterior Girder	37.6	0.95	1	1	1.332957
HL93_str_inv	BOBJ1	296.28	After	Interior Girder 1	37.6	0.95	1	1	1.204668
HL93_str_inv	BOBJ1	296.28	After	Interior Girder 2	37.6	0.95	1	1	1.146616
HL93_str_inv	BOBJ1	296.28	After	Interior Girder 3	37.6	0.95	1	1	1.13543
HL93_str_inv	BOBJ1	296.28	After	Interior Girder 4	37.6	0.95	1	1	1.13543
HL93_str_inv	BOBJ1	296.28	After	Interior Girder 5	37.6	0.95	1	1	1.146616
HL93_str_inv	BOBJ1	296.28	After	Interior Girder 6	37.6	0.95	1	1	1.204668
HL93_str_inv	BOBJ1	296.28	After	Right Exterior Girder	37.6	0.95	1	1	1.332957
HL93_str_inv	BOBJ1	305.69	Before	Left Exterior Girder	47.01	0.95	1	1	2.43067
HL93_str_inv	BOBJ1	305.69	Before	Interior Girder 1	47.01	0.95	1	1	1.671773
HL93_str_inv	BOBJ1	305.69	Before	Interior Girder 2	47.01	0.95	1	1	1.620241
HL93_str_inv	BOBJ1	305.69	Before	Interior Girder 3	47.01	0.95	1	1	1.552026
HL93_str_inv	BOBJ1	305.69	Before	Interior Girder 4	47.01	0.95	1	1	1.552026
HL93_str_inv	BOBJ1	305.69	Before	Interior Girder 5	47.01	0.95	1	1	1.620241
HL93_str_inv	BOBJ1	305.69	Before	Interior Girder 6	47.01	0.95	1	1	1.671773
HL93_str_inv	BOBJ1	305.69	Before	Right Exterior Girder	47.01	0.95	1	1	2.43067
HL93_str_inv	BOBJ1	305.69	After	Left Exterior Girder	47.01	0.95	1	1	2.42045
HL93_str_inv	BOBJ1	305.69	After	Interior Girder 1	47.01	0.95	1	1	1.680096
HL93_str_inv	BOBJ1	305.69	After	Interior Girder 2	47.01	0.95	1	1	1.591676
HL93_str_inv	BOBJ1	305.69	After	Interior Girder 3	47.01	0.95	1	1	1.50118
HL93_str_inv	BOBJ1	305.69	After	Interior Girder 4	47.01	0.95	1	1	1.50118
HL93_str_inv	BOBJ1	305.69	After	Interior Girder 5	47.01	0.95	1	1	1.591676
HL93_str_inv	BOBJ1	305.69	After	Interior Girder 6	47.01	0.95	1	1	1.680096
HL93_str_inv	BOBJ1	305.69	After	Right Exterior Girder	47.01	0.95	1	1	2.42045
HL93_str_inv	BOBJ1	315.1	Before	Left Exterior Girder	56.42	0.95	1	1	192.020062
HL93_str_inv	BOBJ1	315.1	Before	Interior Girder 1	56.42	0.95	1	1	166.849692
HL93_str_inv	BOBJ1	315.1	Before	Interior Girder 2	56.42	0.95	1	1	129.502655
HL93_str_inv	BOBJ1	315.1	Before	Interior Girder 3	56.42	0.95	1	1	94.397957
HL93_str_inv	BOBJ1	315.1	Before	Interior Girder 4	56.42	0.95	1	1	94.397956
HL93_str_inv	BOBJ1	315.1	Before	Interior Girder 5	56.42	0.95	1	1	129.502655
HL93_str_inv	BOBJ1	315.1	Before	Interior Girder 6	56.42	0.95	1	1	166.849691
HL93_str_inv	BOBJ1	315.1	Before	Right Exterior Girder	56.42	0.95	1	1	192.020062
HS20_str_opr	BOBJ1	0	After	Left Exterior Girder	0	0.95	1	1	286.838134
HS20_str_opr	BOBJ1	0	After	Interior Girder 1	0	0.95	1	1	236.885776
HS20_str_opr	BOBJ1	0	After	Interior Girder 2	0	0.95	1	1	198.682711
HS20_str_opr	BOBJ1	0	After	Interior Girder 3	0	0.95	1	1	139.022194
HS20_str_opr	BOBJ1	0	After	Interior Girder 4	0	0.95	1	1	139.022194
HS20_str_opr	BOBJ1	0	After	Interior Girder 5	0	0.95	1	1	198.68271
HS20_str_opr	BOBJ1	0	After	Interior Girder 6	0	0.95	1	1	236.885779
HS20_str_opr	BOBJ1	0	After	Right Exterior Girder	0	0.95	1	1	286.838134
HS20_str_opr	BOBJ1	9.4	Before	Left Exterior Girder	9.4	0.95	1	1	3.738153
HS20_str_opr	BOBJ1	9.4	Before	Interior Girder 1	9.4	0.95	1	1	2.603367
HS20_str_opr	BOBJ1	9.4	Before	Interior Girder 2	9.4	0.95	1	1	2.444553
HS20_str_opr	BOBJ1	9.4	Before	Interior Girder 3	9.4	0.95	1	1	2.277632
HS20_str_opr	BOBJ1	9.4	Before	Interior Girder 4	9.4	0.95	1	1	2.277632
HS20_str_opr	BOBJ1	9.4	Before	Interior Girder 5	9.4	0.95	1	1	2.444553
HS20_str_opr	BOBJ1	9.4	Before	Interior Girder 6	9.4	0.95	1	1	2.603367
HS20_str_opr	BOBJ1	9.4	Before	Right Exterior Girder	9.4	0.95	1	1	3.738153
HS20_str_opr	BOBJ1	9.4	After	Left Exterior Girder	9.4	0.95	1	1	3.762005
HS20_str_opr	BOBJ1	9.4	After	Interior Girder 1	9.4	0.95	1	1	2.590884
HS20_str_opr	BOBJ1	9.4	After	Interior Girder 2	9.4	0.95	1	1	2.490049
HS20_str_opr	BOBJ1	9.4	After	Interior Girder 3	9.4	0.95	1	1	2.364756
HS20_str_opr	BOBJ1	9.4	After	Interior Girder 4	9.4	0.95	1	1	2.364756
HS20_str_opr	BOBJ1	9.4	After	Interior Girder 5	9.4	0.95	1	1	2.490049
HS20_str_opr	BOBJ1	9.4	After	Interior Girder 6	9.4	0.95	1	1	2.590884

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelINonCompStrgth-Flx - Approach, Span 7-11									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
HS20_str_opr	BOBJ1	9.4	After	Right Exterior Girder	9.4	0.95	1	1	3.762005
HS20_str_opr	BOBJ1	18.8	Before	Left Exterior Girder	18.8	0.95	1	1	2.109046
HS20_str_opr	BOBJ1	18.8	Before	Interior Girder 1	18.8	0.95	1	1	1.91163
HS20_str_opr	BOBJ1	18.8	Before	Interior Girder 2	18.8	0.95	1	1	1.820028
HS20_str_opr	BOBJ1	18.8	Before	Interior Girder 3	18.8	0.95	1	1	1.795779
HS20_str_opr	BOBJ1	18.8	Before	Interior Girder 4	18.8	0.95	1	1	1.795779
HS20_str_opr	BOBJ1	18.8	Before	Interior Girder 5	18.8	0.95	1	1	1.820028
HS20_str_opr	BOBJ1	18.8	Before	Interior Girder 6	18.8	0.95	1	1	1.91163
HS20_str_opr	BOBJ1	18.8	Before	Right Exterior Girder	18.8	0.95	1	1	2.109046
HS20_str_opr	BOBJ1	18.8	After	Left Exterior Girder	18.8	0.95	1	1	2.134506
HS20_str_opr	BOBJ1	18.8	After	Interior Girder 1	18.8	0.95	1	1	1.893922
HS20_str_opr	BOBJ1	18.8	After	Interior Girder 2	18.8	0.95	1	1	1.822348
HS20_str_opr	BOBJ1	18.8	After	Interior Girder 3	18.8	0.95	1	1	1.809217
HS20_str_opr	BOBJ1	18.8	After	Interior Girder 4	18.8	0.95	1	1	1.809217
HS20_str_opr	BOBJ1	18.8	After	Interior Girder 5	18.8	0.95	1	1	1.822348
HS20_str_opr	BOBJ1	18.8	After	Interior Girder 6	18.8	0.95	1	1	1.893922
HS20_str_opr	BOBJ1	18.8	After	Right Exterior Girder	18.8	0.95	1	1	2.134506
HS20_str_opr	BOBJ1	28.2	Before	Left Exterior Girder	28.2	0.95	1	1	2.331977
HS20_str_opr	BOBJ1	28.2	Before	Interior Girder 1	28.2	0.95	1	1	1.821149
HS20_str_opr	BOBJ1	28.2	Before	Interior Girder 2	28.2	0.95	1	1	1.764173
HS20_str_opr	BOBJ1	28.2	Before	Interior Girder 3	28.2	0.95	1	1	1.706123
HS20_str_opr	BOBJ1	28.2	Before	Interior Girder 4	28.2	0.95	1	1	1.706123
HS20_str_opr	BOBJ1	28.2	Before	Interior Girder 5	28.2	0.95	1	1	1.764173
HS20_str_opr	BOBJ1	28.2	Before	Interior Girder 6	28.2	0.95	1	1	1.821149
HS20_str_opr	BOBJ1	28.2	Before	Right Exterior Girder	28.2	0.95	1	1	2.331977
HS20_str_opr	BOBJ1	28.2	After	Left Exterior Girder	28.2	0.95	1	1	2.319444
HS20_str_opr	BOBJ1	28.2	After	Interior Girder 1	28.2	0.95	1	1	1.825133
HS20_str_opr	BOBJ1	28.2	After	Interior Girder 2	28.2	0.95	1	1	1.759326
HS20_str_opr	BOBJ1	28.2	After	Interior Girder 3	28.2	0.95	1	1	1.694497
HS20_str_opr	BOBJ1	28.2	After	Interior Girder 4	28.2	0.95	1	1	1.694497
HS20_str_opr	BOBJ1	28.2	After	Interior Girder 5	28.2	0.95	1	1	1.759326
HS20_str_opr	BOBJ1	28.2	After	Interior Girder 6	28.2	0.95	1	1	1.825133
HS20_str_opr	BOBJ1	28.2	After	Right Exterior Girder	28.2	0.95	1	1	2.319444
HS20_str_opr	BOBJ1	37.6	Before	Left Exterior Girder	37.6	0.95	1	1	3.382538
HS20_str_opr	BOBJ1	37.6	Before	Interior Girder 1	37.6	0.95	1	1	2.831446
HS20_str_opr	BOBJ1	37.6	Before	Interior Girder 2	37.6	0.95	1	1	2.658837
HS20_str_opr	BOBJ1	37.6	Before	Interior Girder 3	37.6	0.95	1	1	2.612511
HS20_str_opr	BOBJ1	37.6	Before	Interior Girder 4	37.6	0.95	1	1	2.612511
HS20_str_opr	BOBJ1	37.6	Before	Interior Girder 5	37.6	0.95	1	1	2.658837
HS20_str_opr	BOBJ1	37.6	Before	Interior Girder 6	37.6	0.95	1	1	2.831446
HS20_str_opr	BOBJ1	37.6	Before	Right Exterior Girder	37.6	0.95	1	1	3.382538
HS20_str_opr	BOBJ1	37.6	After	Left Exterior Girder	37.6	0.95	1	1	3.305846
HS20_str_opr	BOBJ1	37.6	After	Interior Girder 1	37.6	0.95	1	1	2.882025
HS20_str_opr	BOBJ1	37.6	After	Interior Girder 2	37.6	0.95	1	1	2.655598
HS20_str_opr	BOBJ1	37.6	After	Interior Girder 3	37.6	0.95	1	1	2.57804
HS20_str_opr	BOBJ1	37.6	After	Interior Girder 4	37.6	0.95	1	1	2.57804
HS20_str_opr	BOBJ1	37.6	After	Interior Girder 5	37.6	0.95	1	1	2.655598
HS20_str_opr	BOBJ1	37.6	After	Interior Girder 6	37.6	0.95	1	1	2.882025
HS20_str_opr	BOBJ1	37.6	After	Right Exterior Girder	37.6	0.95	1	1	3.305846
HS20_str_opr	BOBJ1	47.01	Before	Left Exterior Girder	47.01	0.95	1	1	3.326309
HS20_str_opr	BOBJ1	47.01	Before	Interior Girder 1	47.01	0.95	1	1	3.505909
HS20_str_opr	BOBJ1	47.01	Before	Interior Girder 2	47.01	0.95	1	1	3.484074
HS20_str_opr	BOBJ1	47.01	Before	Interior Girder 3	47.01	0.95	1	1	3.394434
HS20_str_opr	BOBJ1	47.01	Before	Interior Girder 4	47.01	0.95	1	1	3.394434
HS20_str_opr	BOBJ1	47.01	Before	Interior Girder 5	47.01	0.95	1	1	3.484074
HS20_str_opr	BOBJ1	47.01	Before	Interior Girder 6	47.01	0.95	1	1	3.505909
HS20_str_opr	BOBJ1	47.01	Before	Right Exterior Girder	47.01	0.95	1	1	3.326309
HS20_str_opr	BOBJ1	47.01	After	Left Exterior Girder	47.01	0.95	1	1	3.412005
HS20_str_opr	BOBJ1	47.01	After	Interior Girder 1	47.01	0.95	1	1	3.43827
HS20_str_opr	BOBJ1	47.01	After	Interior Girder 2	47.01	0.95	1	1	3.434843
HS20_str_opr	BOBJ1	47.01	After	Interior Girder 3	47.01	0.95	1	1	3.380703
HS20_str_opr	BOBJ1	47.01	After	Interior Girder 4	47.01	0.95	1	1	3.380703
HS20_str_opr	BOBJ1	47.01	After	Interior Girder 5	47.01	0.95	1	1	3.434843
HS20_str_opr	BOBJ1	47.01	After	Interior Girder 6	47.01	0.95	1	1	3.43827
HS20_str_opr	BOBJ1	47.01	After	Right Exterior Girder	47.01	0.95	1	1	3.412005

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelINonCompStrgth-Flx - Approach, Span 7-11									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
HS20_str_opr	BOBJ1	49.42	Before	Left Exterior Girder	49.42	0.95	1	1	2.760278
HS20_str_opr	BOBJ1	49.42	Before	Right Exterior Girder	49.42	0.95	1	1	2.760278
HS20_str_opr	BOBJ1	49.42	After	Left Exterior Girder	49.42	0.95	1	1	5.012463
HS20_str_opr	BOBJ1	49.42	After	Right Exterior Girder	49.42	0.95	1	1	5.012463
HS20_str_opr	BOBJ1	51.92	Before	Interior Girder 1	51.92	0.95	1	1	2.515401
HS20_str_opr	BOBJ1	51.92	Before	Interior Girder 2	51.92	0.95	1	1	2.523582
HS20_str_opr	BOBJ1	51.92	Before	Interior Girder 3	51.92	0.95	1	1	2.335412
HS20_str_opr	BOBJ1	51.92	Before	Interior Girder 4	51.92	0.95	1	1	2.335412
HS20_str_opr	BOBJ1	51.92	Before	Interior Girder 5	51.92	0.95	1	1	2.523582
HS20_str_opr	BOBJ1	51.92	Before	Interior Girder 6	51.92	0.95	1	1	2.515401
HS20_str_opr	BOBJ1	51.92	After	Interior Girder 1	51.92	0.95	1	1	3.161057
HS20_str_opr	BOBJ1	51.92	After	Interior Girder 2	51.92	0.95	1	1	3.082174
HS20_str_opr	BOBJ1	51.92	After	Interior Girder 3	51.92	0.95	1	1	2.8881
HS20_str_opr	BOBJ1	51.92	After	Interior Girder 4	51.92	0.95	1	1	2.8881
HS20_str_opr	BOBJ1	51.92	After	Interior Girder 5	51.92	0.95	1	1	3.082174
HS20_str_opr	BOBJ1	51.92	After	Interior Girder 6	51.92	0.95	1	1	3.161057
HS20_str_opr	BOBJ1	56.42	Before	Left Exterior Girder	56.42	0.95	1	1	3.143427
HS20_str_opr	BOBJ1	56.42	Before	Interior Girder 1	56.42	0.95	1	1	2.188685
HS20_str_opr	BOBJ1	56.42	Before	Interior Girder 2	56.42	0.95	1	1	2.141381
HS20_str_opr	BOBJ1	56.42	Before	Interior Girder 3	56.42	0.95	1	1	1.719946
HS20_str_opr	BOBJ1	56.42	Before	Interior Girder 4	56.42	0.95	1	1	1.719946
HS20_str_opr	BOBJ1	56.42	Before	Interior Girder 5	56.42	0.95	1	1	2.141381
HS20_str_opr	BOBJ1	56.42	Before	Interior Girder 6	56.42	0.95	1	1	2.188685
HS20_str_opr	BOBJ1	56.42	Before	Right Exterior Girder	56.42	0.95	1	1	3.143427
HS20_str_opr	BOBJ1	56.42	After	Left Exterior Girder	0	0.95	1	1	3.229178
HS20_str_opr	BOBJ1	56.42	After	Interior Girder 1	0	0.95	1	1	2.217332
HS20_str_opr	BOBJ1	56.42	After	Interior Girder 2	0	0.95	1	1	2.170658
HS20_str_opr	BOBJ1	56.42	After	Interior Girder 3	0	0.95	1	1	1.778366
HS20_str_opr	BOBJ1	56.42	After	Interior Girder 4	0	0.95	1	1	1.778366
HS20_str_opr	BOBJ1	56.42	After	Interior Girder 5	0	0.95	1	1	2.170658
HS20_str_opr	BOBJ1	56.42	After	Interior Girder 6	0	0.95	1	1	2.217332
HS20_str_opr	BOBJ1	56.42	After	Right Exterior Girder	0	0.95	1	1	3.229178
HS20_str_opr	BOBJ1	60.92	Before	Interior Girder 1	4.5	0.95	1	1	3.802973
HS20_str_opr	BOBJ1	60.92	Before	Interior Girder 2	4.5	0.95	1	1	3.60962
HS20_str_opr	BOBJ1	60.92	Before	Interior Girder 3	4.5	0.95	1	1	3.270955
HS20_str_opr	BOBJ1	60.92	Before	Interior Girder 4	4.5	0.95	1	1	3.270955
HS20_str_opr	BOBJ1	60.92	Before	Interior Girder 5	4.5	0.95	1	1	3.60962
HS20_str_opr	BOBJ1	60.92	Before	Interior Girder 6	4.5	0.95	1	1	3.802973
HS20_str_opr	BOBJ1	60.92	After	Interior Girder 1	4.5	0.95	1	1	3.043978
HS20_str_opr	BOBJ1	60.92	After	Interior Girder 2	4.5	0.95	1	1	2.960905
HS20_str_opr	BOBJ1	60.92	After	Interior Girder 3	4.5	0.95	1	1	2.657049
HS20_str_opr	BOBJ1	60.92	After	Interior Girder 4	4.5	0.95	1	1	2.657049
HS20_str_opr	BOBJ1	60.92	After	Interior Girder 5	4.5	0.95	1	1	2.960905
HS20_str_opr	BOBJ1	60.92	After	Interior Girder 6	4.5	0.95	1	1	3.043978
HS20_str_opr	BOBJ1	63.42	Before	Left Exterior Girder	7	0.95	1	1	6.371713
HS20_str_opr	BOBJ1	63.42	Before	Right Exterior Girder	7	0.95	1	1	6.371713
HS20_str_opr	BOBJ1	63.42	After	Left Exterior Girder	7	0.95	1	1	3.49857
HS20_str_opr	BOBJ1	63.42	After	Right Exterior Girder	7	0.95	1	1	3.49857
HS20_str_opr	BOBJ1	64.845	Before	Left Exterior Girder	8.425	0.95	1	1	3.943792
HS20_str_opr	BOBJ1	64.845	Before	Interior Girder 1	8.425	0.95	1	1	3.925632
HS20_str_opr	BOBJ1	64.845	Before	Interior Girder 2	8.425	0.95	1	1	3.778426
HS20_str_opr	BOBJ1	64.845	Before	Interior Girder 3	8.425	0.95	1	1	3.646235
HS20_str_opr	BOBJ1	64.845	Before	Interior Girder 4	8.425	0.95	1	1	3.646235
HS20_str_opr	BOBJ1	64.845	Before	Interior Girder 5	8.425	0.95	1	1	3.778426
HS20_str_opr	BOBJ1	64.845	Before	Interior Girder 6	8.425	0.95	1	1	3.925632
HS20_str_opr	BOBJ1	64.845	Before	Right Exterior Girder	8.425	0.95	1	1	3.943792
HS20_str_opr	BOBJ1	64.845	After	Left Exterior Girder	8.425	0.95	1	1	3.897519
HS20_str_opr	BOBJ1	64.845	After	Interior Girder 1	8.425	0.95	1	1	3.975001
HS20_str_opr	BOBJ1	64.845	After	Interior Girder 2	8.425	0.95	1	1	3.822121
HS20_str_opr	BOBJ1	64.845	After	Interior Girder 3	8.425	0.95	1	1	3.668658
HS20_str_opr	BOBJ1	64.845	After	Interior Girder 4	8.425	0.95	1	1	3.668658
HS20_str_opr	BOBJ1	64.845	After	Interior Girder 5	8.425	0.95	1	1	3.822121
HS20_str_opr	BOBJ1	64.845	After	Interior Girder 6	8.425	0.95	1	1	3.975001
HS20_str_opr	BOBJ1	64.845	After	Right Exterior Girder	8.425	0.95	1	1	3.897519
HS20_str_opr	BOBJ1	69.92	Before	Left Exterior Girder	13.5	0.95	1	1	5.497886

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelINonCompStrgth-Flx - Approach, Span 7-11									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
HS20_str_opr	BOBJ1	69.92	Before	Interior Girder 1	13.5	0.95	1	1	4.778819
HS20_str_opr	BOBJ1	69.92	Before	Interior Girder 2	13.5	0.95	1	1	4.294395
HS20_str_opr	BOBJ1	69.92	Before	Interior Girder 3	13.5	0.95	1	1	4.165893
HS20_str_opr	BOBJ1	69.92	Before	Interior Girder 4	13.5	0.95	1	1	4.165893
HS20_str_opr	BOBJ1	69.92	Before	Interior Girder 5	13.5	0.95	1	1	4.294395
HS20_str_opr	BOBJ1	69.92	Before	Interior Girder 6	13.5	0.95	1	1	4.778819
HS20_str_opr	BOBJ1	69.92	Before	Right Exterior Girder	13.5	0.95	1	1	5.497886
HS20_str_opr	BOBJ1	69.92	After	Left Exterior Girder	13.5	0.95	1	1	4.700039
HS20_str_opr	BOBJ1	69.92	After	Interior Girder 1	13.5	0.95	1	1	4.467667
HS20_str_opr	BOBJ1	69.92	After	Interior Girder 2	13.5	0.95	1	1	4.030321
HS20_str_opr	BOBJ1	69.92	After	Interior Girder 3	13.5	0.95	1	1	3.958522
HS20_str_opr	BOBJ1	69.92	After	Interior Girder 4	13.5	0.95	1	1	3.958522
HS20_str_opr	BOBJ1	69.92	After	Interior Girder 5	13.5	0.95	1	1	4.030321
HS20_str_opr	BOBJ1	69.92	After	Interior Girder 6	13.5	0.95	1	1	4.467667
HS20_str_opr	BOBJ1	69.92	After	Right Exterior Girder	13.5	0.95	1	1	4.700039
HS20_str_opr	BOBJ1	73.27	Before	Left Exterior Girder	16.85	0.95	1	1	4.088829
HS20_str_opr	BOBJ1	73.27	Before	Interior Girder 1	16.85	0.95	1	1	3.439773
HS20_str_opr	BOBJ1	73.27	Before	Interior Girder 2	16.85	0.95	1	1	3.152404
HS20_str_opr	BOBJ1	73.27	Before	Interior Girder 3	16.85	0.95	1	1	3.046071
HS20_str_opr	BOBJ1	73.27	Before	Interior Girder 4	16.85	0.95	1	1	3.046071
HS20_str_opr	BOBJ1	73.27	Before	Interior Girder 5	16.85	0.95	1	1	3.152404
HS20_str_opr	BOBJ1	73.27	Before	Interior Girder 6	16.85	0.95	1	1	3.439773
HS20_str_opr	BOBJ1	73.27	Before	Right Exterior Girder	16.85	0.95	1	1	4.088829
HS20_str_opr	BOBJ1	73.27	After	Left Exterior Girder	16.85	0.95	1	1	4.191598
HS20_str_opr	BOBJ1	73.27	After	Interior Girder 1	16.85	0.95	1	1	3.381684
HS20_str_opr	BOBJ1	73.27	After	Interior Girder 2	16.85	0.95	1	1	3.133602
HS20_str_opr	BOBJ1	73.27	After	Interior Girder 3	16.85	0.95	1	1	3.067925
HS20_str_opr	BOBJ1	73.27	After	Interior Girder 4	16.85	0.95	1	1	3.067925
HS20_str_opr	BOBJ1	73.27	After	Interior Girder 5	16.85	0.95	1	1	3.133602
HS20_str_opr	BOBJ1	73.27	After	Interior Girder 6	16.85	0.95	1	1	3.381684
HS20_str_opr	BOBJ1	73.27	After	Right Exterior Girder	16.85	0.95	1	1	4.191598
HS20_str_opr	BOBJ1	81.695	Before	Left Exterior Girder	25.275	0.95	1	1	2.434865
HS20_str_opr	BOBJ1	81.695	Before	Interior Girder 1	25.275	0.95	1	1	2.011715
HS20_str_opr	BOBJ1	81.695	Before	Interior Girder 2	25.275	0.95	1	1	1.939449
HS20_str_opr	BOBJ1	81.695	Before	Interior Girder 3	25.275	0.95	1	1	1.873646
HS20_str_opr	BOBJ1	81.695	Before	Interior Girder 4	25.275	0.95	1	1	1.873646
HS20_str_opr	BOBJ1	81.695	Before	Interior Girder 5	25.275	0.95	1	1	1.939449
HS20_str_opr	BOBJ1	81.695	Before	Interior Girder 6	25.275	0.95	1	1	2.011715
HS20_str_opr	BOBJ1	81.695	Before	Right Exterior Girder	25.275	0.95	1	1	2.434865
HS20_str_opr	BOBJ1	81.695	After	Left Exterior Girder	25.275	0.95	1	1	2.47934
HS20_str_opr	BOBJ1	81.695	After	Interior Girder 1	25.275	0.95	1	1	1.994378
HS20_str_opr	BOBJ1	81.695	After	Interior Girder 2	25.275	0.95	1	1	1.936663
HS20_str_opr	BOBJ1	81.695	After	Interior Girder 3	25.275	0.95	1	1	1.892743
HS20_str_opr	BOBJ1	81.695	After	Interior Girder 4	25.275	0.95	1	1	1.892743
HS20_str_opr	BOBJ1	81.695	After	Interior Girder 5	25.275	0.95	1	1	1.936663
HS20_str_opr	BOBJ1	81.695	After	Interior Girder 6	25.275	0.95	1	1	1.994378
HS20_str_opr	BOBJ1	81.695	After	Right Exterior Girder	25.275	0.95	1	1	2.47934
HS20_str_opr	BOBJ1	90.12	Before	Left Exterior Girder	33.7	0.95	1	1	1.955524
HS20_str_opr	BOBJ1	90.12	Before	Interior Girder 1	33.7	0.95	1	1	1.860153
HS20_str_opr	BOBJ1	90.12	Before	Interior Girder 2	33.7	0.95	1	1	1.821654
HS20_str_opr	BOBJ1	90.12	Before	Interior Girder 3	33.7	0.95	1	1	1.816746
HS20_str_opr	BOBJ1	90.12	Before	Interior Girder 4	33.7	0.95	1	1	1.816746
HS20_str_opr	BOBJ1	90.12	Before	Interior Girder 5	33.7	0.95	1	1	1.821654
HS20_str_opr	BOBJ1	90.12	Before	Interior Girder 6	33.7	0.95	1	1	1.860153
HS20_str_opr	BOBJ1	90.12	Before	Right Exterior Girder	33.7	0.95	1	1	1.955524
HS20_str_opr	BOBJ1	90.12	After	Left Exterior Girder	33.7	0.95	1	1	1.958487
HS20_str_opr	BOBJ1	90.12	After	Interior Girder 1	33.7	0.95	1	1	1.85965
HS20_str_opr	BOBJ1	90.12	After	Interior Girder 2	33.7	0.95	1	1	1.819329
HS20_str_opr	BOBJ1	90.12	After	Interior Girder 3	33.7	0.95	1	1	1.815818
HS20_str_opr	BOBJ1	90.12	After	Interior Girder 4	33.7	0.95	1	1	1.815818
HS20_str_opr	BOBJ1	90.12	After	Interior Girder 5	33.7	0.95	1	1	1.819329
HS20_str_opr	BOBJ1	90.12	After	Interior Girder 6	33.7	0.95	1	1	1.85965
HS20_str_opr	BOBJ1	90.12	After	Right Exterior Girder	33.7	0.95	1	1	1.958487
HS20_str_opr	BOBJ1	98.545	Before	Left Exterior Girder	42.125	0.95	1	1	2.407331
HS20_str_opr	BOBJ1	98.545	Before	Interior Girder 1	42.125	0.95	1	1	1.963859

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelINonCompStrgth-Flx - Approach, Span 7-11									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
HS20_str_opr	BOBJ1	98.545	Before	Interior Girder 2	42.125	0.95	1	1	1.915947
HS20_str_opr	BOBJ1	98.545	Before	Interior Girder 3	42.125	0.95	1	1	1.874137
HS20_str_opr	BOBJ1	98.545	Before	Interior Girder 4	42.125	0.95	1	1	1.874137
HS20_str_opr	BOBJ1	98.545	Before	Interior Girder 5	42.125	0.95	1	1	1.915947
HS20_str_opr	BOBJ1	98.545	Before	Interior Girder 6	42.125	0.95	1	1	1.963859
HS20_str_opr	BOBJ1	98.545	Before	Right Exterior Girder	42.125	0.95	1	1	2.407331
HS20_str_opr	BOBJ1	98.545	After	Left Exterior Girder	42.125	0.95	1	1	2.370696
HS20_str_opr	BOBJ1	98.545	After	Interior Girder 1	42.125	0.95	1	1	1.978749
HS20_str_opr	BOBJ1	98.545	After	Interior Girder 2	42.125	0.95	1	1	1.916983
HS20_str_opr	BOBJ1	98.545	After	Interior Girder 3	42.125	0.95	1	1	1.85472
HS20_str_opr	BOBJ1	98.545	After	Interior Girder 4	42.125	0.95	1	1	1.85472
HS20_str_opr	BOBJ1	98.545	After	Interior Girder 5	42.125	0.95	1	1	1.916983
HS20_str_opr	BOBJ1	98.545	After	Interior Girder 6	42.125	0.95	1	1	1.978749
HS20_str_opr	BOBJ1	98.545	After	Right Exterior Girder	42.125	0.95	1	1	2.370696
HS20_str_opr	BOBJ1	106.97	Before	Left Exterior Girder	50.55	0.95	1	1	3.930802
HS20_str_opr	BOBJ1	106.97	Before	Interior Girder 1	50.55	0.95	1	1	3.275867
HS20_str_opr	BOBJ1	106.97	Before	Interior Girder 2	50.55	0.95	1	1	3.066192
HS20_str_opr	BOBJ1	106.97	Before	Interior Girder 3	50.55	0.95	1	1	3.02231
HS20_str_opr	BOBJ1	106.97	Before	Interior Girder 4	50.55	0.95	1	1	3.02231
HS20_str_opr	BOBJ1	106.97	Before	Interior Girder 5	50.55	0.95	1	1	3.066191
HS20_str_opr	BOBJ1	106.97	Before	Interior Girder 6	50.55	0.95	1	1	3.275867
HS20_str_opr	BOBJ1	106.97	Before	Right Exterior Girder	50.55	0.95	1	1	3.930802
HS20_str_opr	BOBJ1	106.97	After	Left Exterior Girder	50.55	0.95	1	1	3.822903
HS20_str_opr	BOBJ1	106.97	After	Interior Girder 1	50.55	0.95	1	1	3.335014
HS20_str_opr	BOBJ1	106.97	After	Interior Girder 2	50.55	0.95	1	1	3.068372
HS20_str_opr	BOBJ1	106.97	After	Interior Girder 3	50.55	0.95	1	1	2.973036
HS20_str_opr	BOBJ1	106.97	After	Interior Girder 4	50.55	0.95	1	1	2.973036
HS20_str_opr	BOBJ1	106.97	After	Interior Girder 5	50.55	0.95	1	1	3.068372
HS20_str_opr	BOBJ1	106.97	After	Interior Girder 6	50.55	0.95	1	1	3.335014
HS20_str_opr	BOBJ1	106.97	After	Right Exterior Girder	50.55	0.95	1	1	3.822903
HS20_str_opr	BOBJ1	115.405	Before	Left Exterior Girder	58.985	0.95	1	1	2.884808
HS20_str_opr	BOBJ1	115.405	Before	Interior Girder 1	58.985	0.95	1	1	3.258031
HS20_str_opr	BOBJ1	115.405	Before	Interior Girder 2	58.985	0.95	1	1	3.252883
HS20_str_opr	BOBJ1	115.405	Before	Interior Girder 3	58.985	0.95	1	1	3.152871
HS20_str_opr	BOBJ1	115.405	Before	Interior Girder 4	58.985	0.95	1	1	3.152871
HS20_str_opr	BOBJ1	115.405	Before	Interior Girder 5	58.985	0.95	1	1	3.252883
HS20_str_opr	BOBJ1	115.405	Before	Interior Girder 6	58.985	0.95	1	1	3.258031
HS20_str_opr	BOBJ1	115.405	Before	Right Exterior Girder	58.985	0.95	1	1	2.884808
HS20_str_opr	BOBJ1	115.405	After	Left Exterior Girder	58.985	0.95	1	1	2.969755
HS20_str_opr	BOBJ1	115.405	After	Interior Girder 1	58.985	0.95	1	1	3.187102
HS20_str_opr	BOBJ1	115.405	After	Interior Girder 2	58.985	0.95	1	1	3.217893
HS20_str_opr	BOBJ1	115.405	After	Interior Girder 3	58.985	0.95	1	1	3.14584
HS20_str_opr	BOBJ1	115.405	After	Interior Girder 4	58.985	0.95	1	1	3.14584
HS20_str_opr	BOBJ1	115.405	After	Interior Girder 5	58.985	0.95	1	1	3.217893
HS20_str_opr	BOBJ1	115.405	After	Interior Girder 6	58.985	0.95	1	1	3.187102
HS20_str_opr	BOBJ1	115.405	After	Right Exterior Girder	58.985	0.95	1	1	2.969755
HS20_str_opr	BOBJ1	116.34	Before	Left Exterior Girder	59.92	0.95	1	1	2.685026
HS20_str_opr	BOBJ1	116.34	Before	Right Exterior Girder	59.92	0.95	1	1	2.685026
HS20_str_opr	BOBJ1	116.34	After	Left Exterior Girder	59.92	0.95	1	1	5.626605
HS20_str_opr	BOBJ1	116.34	After	Right Exterior Girder	59.92	0.95	1	1	5.626605
HS20_str_opr	BOBJ1	118.84	Before	Interior Girder 1	62.42	0.95	1	1	2.564662
HS20_str_opr	BOBJ1	118.84	Before	Interior Girder 2	62.42	0.95	1	1	2.587746
HS20_str_opr	BOBJ1	118.84	Before	Interior Girder 3	62.42	0.95	1	1	2.407952
HS20_str_opr	BOBJ1	118.84	Before	Interior Girder 4	62.42	0.95	1	1	2.407952
HS20_str_opr	BOBJ1	118.84	Before	Interior Girder 5	62.42	0.95	1	1	2.587746
HS20_str_opr	BOBJ1	118.84	Before	Interior Girder 6	62.42	0.95	1	1	2.564662
HS20_str_opr	BOBJ1	118.84	After	Interior Girder 1	62.42	0.95	1	1	3.703074
HS20_str_opr	BOBJ1	118.84	After	Interior Girder 2	62.42	0.95	1	1	3.628435
HS20_str_opr	BOBJ1	118.84	After	Interior Girder 3	62.42	0.95	1	1	3.432591
HS20_str_opr	BOBJ1	118.84	After	Interior Girder 4	62.42	0.95	1	1	3.432591
HS20_str_opr	BOBJ1	118.84	After	Interior Girder 5	62.42	0.95	1	1	3.628435
HS20_str_opr	BOBJ1	118.84	After	Interior Girder 6	62.42	0.95	1	1	3.703074
HS20_str_opr	BOBJ1	123.84	Before	Left Exterior Girder	67.42	0.95	1	1	3.360404
HS20_str_opr	BOBJ1	123.84	Before	Interior Girder 1	67.42	0.95	1	1	2.507196
HS20_str_opr	BOBJ1	123.84	Before	Interior Girder 2	67.42	0.95	1	1	2.419581

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelINonCompStrgth-Flx - Approach, Span 7-11									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
HS20_str_opr	BOBJ1	123.84	Before	Interior Girder 3	67.42	0.95	1	1	1.961523
HS20_str_opr	BOBJ1	123.84	Before	Interior Girder 4	67.42	0.95	1	1	1.961523
HS20_str_opr	BOBJ1	123.84	Before	Interior Girder 5	67.42	0.95	1	1	2.419581
HS20_str_opr	BOBJ1	123.84	Before	Interior Girder 6	67.42	0.95	1	1	2.507196
HS20_str_opr	BOBJ1	123.84	Before	Right Exterior Girder	67.42	0.95	1	1	3.360404
HS20_str_opr	BOBJ1	123.84	After	Left Exterior Girder	0	0.95	1	1	3.329472
HS20_str_opr	BOBJ1	123.84	After	Interior Girder 1	0	0.95	1	1	2.46902
HS20_str_opr	BOBJ1	123.84	After	Interior Girder 2	0	0.95	1	1	2.411865
HS20_str_opr	BOBJ1	123.84	After	Interior Girder 3	0	0.95	1	1	1.956075
HS20_str_opr	BOBJ1	123.84	After	Interior Girder 4	0	0.95	1	1	1.956075
HS20_str_opr	BOBJ1	123.84	After	Interior Girder 5	0	0.95	1	1	2.411865
HS20_str_opr	BOBJ1	123.84	After	Interior Girder 6	0	0.95	1	1	2.46902
HS20_str_opr	BOBJ1	123.84	After	Right Exterior Girder	0	0.95	1	1	3.329472
HS20_str_opr	BOBJ1	128.84	Before	Interior Girder 1	5	0.95	1	1	3.7902
HS20_str_opr	BOBJ1	128.84	Before	Interior Girder 2	5	0.95	1	1	3.698708
HS20_str_opr	BOBJ1	128.84	Before	Interior Girder 3	5	0.95	1	1	3.478674
HS20_str_opr	BOBJ1	128.84	Before	Interior Girder 4	5	0.95	1	1	3.478674
HS20_str_opr	BOBJ1	128.84	Before	Interior Girder 5	5	0.95	1	1	3.698708
HS20_str_opr	BOBJ1	128.84	Before	Interior Girder 6	5	0.95	1	1	3.7902
HS20_str_opr	BOBJ1	128.84	After	Interior Girder 1	5	0.95	1	1	2.629643
HS20_str_opr	BOBJ1	128.84	After	Interior Girder 2	5	0.95	1	1	2.640123
HS20_str_opr	BOBJ1	128.84	After	Interior Girder 3	5	0.95	1	1	2.449929
HS20_str_opr	BOBJ1	128.84	After	Interior Girder 4	5	0.95	1	1	2.449929
HS20_str_opr	BOBJ1	128.84	After	Interior Girder 5	5	0.95	1	1	2.640123
HS20_str_opr	BOBJ1	128.84	After	Interior Girder 6	5	0.95	1	1	2.629643
HS20_str_opr	BOBJ1	131.34	Before	Left Exterior Girder	7.5	0.95	1	1	5.793485
HS20_str_opr	BOBJ1	131.34	Before	Right Exterior Girder	7.5	0.95	1	1	5.793485
HS20_str_opr	BOBJ1	131.34	After	Left Exterior Girder	7.5	0.95	1	1	2.768127
HS20_str_opr	BOBJ1	131.34	After	Right Exterior Girder	7.5	0.95	1	1	2.768127
HS20_str_opr	BOBJ1	132.265	Before	Left Exterior Girder	8.425	0.95	1	1	3.04491
HS20_str_opr	BOBJ1	132.265	Before	Interior Girder 1	8.425	0.95	1	1	3.265326
HS20_str_opr	BOBJ1	132.265	Before	Interior Girder 2	8.425	0.95	1	1	3.281505
HS20_str_opr	BOBJ1	132.265	Before	Interior Girder 3	8.425	0.95	1	1	3.201417
HS20_str_opr	BOBJ1	132.265	Before	Interior Girder 4	8.425	0.95	1	1	3.201417
HS20_str_opr	BOBJ1	132.265	Before	Interior Girder 5	8.425	0.95	1	1	3.281505
HS20_str_opr	BOBJ1	132.265	Before	Interior Girder 6	8.425	0.95	1	1	3.265326
HS20_str_opr	BOBJ1	132.265	Before	Right Exterior Girder	8.425	0.95	1	1	3.04491
HS20_str_opr	BOBJ1	132.265	After	Left Exterior Girder	8.425	0.95	1	1	2.957942
HS20_str_opr	BOBJ1	132.265	After	Interior Girder 1	8.425	0.95	1	1	3.33705
HS20_str_opr	BOBJ1	132.265	After	Interior Girder 2	8.425	0.95	1	1	3.317466
HS20_str_opr	BOBJ1	132.265	After	Interior Girder 3	8.425	0.95	1	1	3.210341
HS20_str_opr	BOBJ1	132.265	After	Interior Girder 4	8.425	0.95	1	1	3.210341
HS20_str_opr	BOBJ1	132.265	After	Interior Girder 5	8.425	0.95	1	1	3.317466
HS20_str_opr	BOBJ1	132.265	After	Interior Girder 6	8.425	0.95	1	1	3.33705
HS20_str_opr	BOBJ1	132.265	After	Right Exterior Girder	8.425	0.95	1	1	2.957942
HS20_str_opr	BOBJ1	140.69	Before	Left Exterior Girder	16.85	0.95	1	1	3.858838
HS20_str_opr	BOBJ1	140.69	Before	Interior Girder 1	16.85	0.95	1	1	3.343617
HS20_str_opr	BOBJ1	140.69	Before	Interior Girder 2	16.85	0.95	1	1	3.077452
HS20_str_opr	BOBJ1	140.69	Before	Interior Girder 3	16.85	0.95	1	1	2.985078
HS20_str_opr	BOBJ1	140.69	Before	Interior Girder 4	16.85	0.95	1	1	2.985078
HS20_str_opr	BOBJ1	140.69	Before	Interior Girder 5	16.85	0.95	1	1	3.077452
HS20_str_opr	BOBJ1	140.69	Before	Interior Girder 6	16.85	0.95	1	1	3.343617
HS20_str_opr	BOBJ1	140.69	Before	Right Exterior Girder	16.85	0.95	1	1	3.858838
HS20_str_opr	BOBJ1	140.69	After	Left Exterior Girder	16.85	0.95	1	1	3.970474
HS20_str_opr	BOBJ1	140.69	After	Interior Girder 1	16.85	0.95	1	1	3.285001
HS20_str_opr	BOBJ1	140.69	After	Interior Girder 2	16.85	0.95	1	1	3.074677
HS20_str_opr	BOBJ1	140.69	After	Interior Girder 3	16.85	0.95	1	1	3.033863
HS20_str_opr	BOBJ1	140.69	After	Interior Girder 4	16.85	0.95	1	1	3.033863
HS20_str_opr	BOBJ1	140.69	After	Interior Girder 5	16.85	0.95	1	1	3.074677
HS20_str_opr	BOBJ1	140.69	After	Interior Girder 6	16.85	0.95	1	1	3.285001
HS20_str_opr	BOBJ1	140.69	After	Right Exterior Girder	16.85	0.95	1	1	3.970474
HS20_str_opr	BOBJ1	149.115	Before	Left Exterior Girder	25.275	0.95	1	1	2.358015
HS20_str_opr	BOBJ1	149.115	Before	Interior Girder 1	25.275	0.95	1	1	1.965607
HS20_str_opr	BOBJ1	149.115	Before	Interior Girder 2	25.275	0.95	1	1	1.908831
HS20_str_opr	BOBJ1	149.115	Before	Interior Girder 3	25.275	0.95	1	1	1.852092

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelINonCompStrgth-Flx - Approach, Span 7-11									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
HS20_str_opr	BOBJ1	149.115	Before	Interior Girder 4	25.275	0.95	1	1	1.852092
HS20_str_opr	BOBJ1	149.115	Before	Interior Girder 5	25.275	0.95	1	1	1.908831
HS20_str_opr	BOBJ1	149.115	Before	Interior Girder 6	25.275	0.95	1	1	1.965607
HS20_str_opr	BOBJ1	149.115	Before	Right Exterior Girder	25.275	0.95	1	1	2.358015
HS20_str_opr	BOBJ1	149.115	After	Left Exterior Girder	25.275	0.95	1	1	2.396561
HS20_str_opr	BOBJ1	149.115	After	Interior Girder 1	25.275	0.95	1	1	1.951114
HS20_str_opr	BOBJ1	149.115	After	Interior Girder 2	25.275	0.95	1	1	1.907086
HS20_str_opr	BOBJ1	149.115	After	Interior Girder 3	25.275	0.95	1	1	1.871131
HS20_str_opr	BOBJ1	149.115	After	Interior Girder 4	25.275	0.95	1	1	1.871131
HS20_str_opr	BOBJ1	149.115	After	Interior Girder 5	25.275	0.95	1	1	1.907086
HS20_str_opr	BOBJ1	149.115	After	Interior Girder 6	25.275	0.95	1	1	1.951114
HS20_str_opr	BOBJ1	149.115	After	Right Exterior Girder	25.275	0.95	1	1	2.396561
HS20_str_opr	BOBJ1	157.54	Before	Left Exterior Girder	33.7	0.95	1	1	1.924974
HS20_str_opr	BOBJ1	157.54	Before	Interior Girder 1	33.7	0.95	1	1	1.829847
HS20_str_opr	BOBJ1	157.54	Before	Interior Girder 2	33.7	0.95	1	1	1.801951
HS20_str_opr	BOBJ1	157.54	Before	Interior Girder 3	33.7	0.95	1	1	1.805573
HS20_str_opr	BOBJ1	157.54	Before	Interior Girder 4	33.7	0.95	1	1	1.805573
HS20_str_opr	BOBJ1	157.54	Before	Interior Girder 5	33.7	0.95	1	1	1.801951
HS20_str_opr	BOBJ1	157.54	Before	Interior Girder 6	33.7	0.95	1	1	1.829847
HS20_str_opr	BOBJ1	157.54	Before	Right Exterior Girder	33.7	0.95	1	1	1.924974
HS20_str_opr	BOBJ1	157.54	After	Left Exterior Girder	33.7	0.95	1	1	1.925209
HS20_str_opr	BOBJ1	157.54	After	Interior Girder 1	33.7	0.95	1	1	1.829819
HS20_str_opr	BOBJ1	157.54	After	Interior Girder 2	33.7	0.95	1	1	1.801883
HS20_str_opr	BOBJ1	157.54	After	Interior Girder 3	33.7	0.95	1	1	1.805651
HS20_str_opr	BOBJ1	157.54	After	Interior Girder 4	33.7	0.95	1	1	1.805651
HS20_str_opr	BOBJ1	157.54	After	Interior Girder 5	33.7	0.95	1	1	1.801883
HS20_str_opr	BOBJ1	157.54	After	Interior Girder 6	33.7	0.95	1	1	1.829819
HS20_str_opr	BOBJ1	157.54	After	Right Exterior Girder	33.7	0.95	1	1	1.925209
HS20_str_opr	BOBJ1	165.965	Before	Left Exterior Girder	42.125	0.95	1	1	2.394489
HS20_str_opr	BOBJ1	165.965	Before	Interior Girder 1	42.125	0.95	1	1	1.950273
HS20_str_opr	BOBJ1	165.965	Before	Interior Girder 2	42.125	0.95	1	1	1.906295
HS20_str_opr	BOBJ1	165.965	Before	Interior Girder 3	42.125	0.95	1	1	1.870207
HS20_str_opr	BOBJ1	165.965	Before	Interior Girder 4	42.125	0.95	1	1	1.870207
HS20_str_opr	BOBJ1	165.965	Before	Interior Girder 5	42.125	0.95	1	1	1.906295
HS20_str_opr	BOBJ1	165.965	Before	Interior Girder 6	42.125	0.95	1	1	1.950273
HS20_str_opr	BOBJ1	165.965	Before	Right Exterior Girder	42.125	0.95	1	1	2.394489
HS20_str_opr	BOBJ1	165.965	After	Left Exterior Girder	42.125	0.95	1	1	2.356232
HS20_str_opr	BOBJ1	165.965	After	Interior Girder 1	42.125	0.95	1	1	1.964675
HS20_str_opr	BOBJ1	165.965	After	Interior Girder 2	42.125	0.95	1	1	1.908016
HS20_str_opr	BOBJ1	165.965	After	Interior Girder 3	42.125	0.95	1	1	1.85126
HS20_str_opr	BOBJ1	165.965	After	Interior Girder 4	42.125	0.95	1	1	1.85126
HS20_str_opr	BOBJ1	165.965	After	Interior Girder 5	42.125	0.95	1	1	1.908016
HS20_str_opr	BOBJ1	165.965	After	Interior Girder 6	42.125	0.95	1	1	1.964675
HS20_str_opr	BOBJ1	165.965	After	Right Exterior Girder	42.125	0.95	1	1	2.356232
HS20_str_opr	BOBJ1	174.39	Before	Left Exterior Girder	50.55	0.95	1	1	3.961923
HS20_str_opr	BOBJ1	174.39	Before	Interior Girder 1	50.55	0.95	1	1	3.2811
HS20_str_opr	BOBJ1	174.39	Before	Interior Girder 2	50.55	0.95	1	1	3.071469
HS20_str_opr	BOBJ1	174.39	Before	Interior Girder 3	50.55	0.95	1	1	3.030069
HS20_str_opr	BOBJ1	174.39	Before	Interior Girder 4	50.55	0.95	1	1	3.030069
HS20_str_opr	BOBJ1	174.39	Before	Interior Girder 5	50.55	0.95	1	1	3.071469
HS20_str_opr	BOBJ1	174.39	Before	Interior Girder 6	50.55	0.95	1	1	3.2811
HS20_str_opr	BOBJ1	174.39	Before	Right Exterior Girder	50.55	0.95	1	1	3.961923
HS20_str_opr	BOBJ1	174.39	After	Left Exterior Girder	50.55	0.95	1	1	3.850806
HS20_str_opr	BOBJ1	174.39	After	Interior Girder 1	50.55	0.95	1	1	3.339718
HS20_str_opr	BOBJ1	174.39	After	Interior Girder 2	50.55	0.95	1	1	3.074304
HS20_str_opr	BOBJ1	174.39	After	Interior Girder 3	50.55	0.95	1	1	2.981439
HS20_str_opr	BOBJ1	174.39	After	Interior Girder 4	50.55	0.95	1	1	2.981439
HS20_str_opr	BOBJ1	174.39	After	Interior Girder 5	50.55	0.95	1	1	3.074304
HS20_str_opr	BOBJ1	174.39	After	Interior Girder 6	50.55	0.95	1	1	3.339718
HS20_str_opr	BOBJ1	174.39	After	Right Exterior Girder	50.55	0.95	1	1	3.850806
HS20_str_opr	BOBJ1	182.825	Before	Left Exterior Girder	58.985	0.95	1	1	2.960055
HS20_str_opr	BOBJ1	182.825	Before	Interior Girder 1	58.985	0.95	1	1	3.334066
HS20_str_opr	BOBJ1	182.825	Before	Interior Girder 2	58.985	0.95	1	1	3.31409
HS20_str_opr	BOBJ1	182.825	Before	Interior Girder 3	58.985	0.95	1	1	3.211121
HS20_str_opr	BOBJ1	182.825	Before	Interior Girder 4	58.985	0.95	1	1	3.211121

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelINonCompStrgth-Flx - Approach, Span 7-11									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
HS20_str_opr	BOBJ1	182.825	Before	Interior Girder 5	58.985	0.95	1	1	3.31409
HS20_str_opr	BOBJ1	182.825	Before	Interior Girder 6	58.985	0.95	1	1	3.334066
HS20_str_opr	BOBJ1	182.825	Before	Right Exterior Girder	58.985	0.95	1	1	2.960055
HS20_str_opr	BOBJ1	182.825	After	Left Exterior Girder	58.985	0.95	1	1	3.047277
HS20_str_opr	BOBJ1	182.825	After	Interior Girder 1	58.985	0.95	1	1	3.262368
HS20_str_opr	BOBJ1	182.825	After	Interior Girder 2	58.985	0.95	1	1	3.278019
HS20_str_opr	BOBJ1	182.825	After	Interior Girder 3	58.985	0.95	1	1	3.202527
HS20_str_opr	BOBJ1	182.825	After	Interior Girder 4	58.985	0.95	1	1	3.202527
HS20_str_opr	BOBJ1	182.825	After	Interior Girder 5	58.985	0.95	1	1	3.278019
HS20_str_opr	BOBJ1	182.825	After	Interior Girder 6	58.985	0.95	1	1	3.262368
HS20_str_opr	BOBJ1	182.825	After	Right Exterior Girder	58.985	0.95	1	1	3.047277
HS20_str_opr	BOBJ1	183.76	Before	Left Exterior Girder	59.92	0.95	1	1	2.755457
HS20_str_opr	BOBJ1	183.76	Before	Right Exterior Girder	59.92	0.95	1	1	2.755457
HS20_str_opr	BOBJ1	183.76	After	Left Exterior Girder	59.92	0.95	1	1	5.774388
HS20_str_opr	BOBJ1	183.76	After	Right Exterior Girder	59.92	0.95	1	1	5.774388
HS20_str_opr	BOBJ1	186.26	Before	Interior Girder 1	62.42	0.95	1	1	2.624154
HS20_str_opr	BOBJ1	186.26	Before	Interior Girder 2	62.42	0.95	1	1	2.634704
HS20_str_opr	BOBJ1	186.26	Before	Interior Girder 3	62.42	0.95	1	1	2.449291
HS20_str_opr	BOBJ1	186.26	Before	Interior Girder 4	62.42	0.95	1	1	2.449291
HS20_str_opr	BOBJ1	186.26	Before	Interior Girder 5	62.42	0.95	1	1	2.634704
HS20_str_opr	BOBJ1	186.26	Before	Interior Girder 6	62.42	0.95	1	1	2.624154
HS20_str_opr	BOBJ1	186.26	After	Interior Girder 1	62.42	0.95	1	1	3.783724
HS20_str_opr	BOBJ1	186.26	After	Interior Girder 2	62.42	0.95	1	1	3.692245
HS20_str_opr	BOBJ1	186.26	After	Interior Girder 3	62.42	0.95	1	1	3.478507
HS20_str_opr	BOBJ1	186.26	After	Interior Girder 4	62.42	0.95	1	1	3.478507
HS20_str_opr	BOBJ1	186.26	After	Interior Girder 5	62.42	0.95	1	1	3.692245
HS20_str_opr	BOBJ1	186.26	After	Interior Girder 6	62.42	0.95	1	1	3.783724
HS20_str_opr	BOBJ1	191.26	Before	Left Exterior Girder	67.42	0.95	1	1	3.329126
HS20_str_opr	BOBJ1	191.26	Before	Interior Girder 1	67.42	0.95	1	1	2.462661
HS20_str_opr	BOBJ1	191.26	Before	Interior Girder 2	67.42	0.95	1	1	2.404422
HS20_str_opr	BOBJ1	191.26	Before	Interior Girder 3	67.42	0.95	1	1	1.954926
HS20_str_opr	BOBJ1	191.26	Before	Interior Girder 4	67.42	0.95	1	1	1.954926
HS20_str_opr	BOBJ1	191.26	Before	Interior Girder 5	67.42	0.95	1	1	2.404422
HS20_str_opr	BOBJ1	191.26	Before	Interior Girder 6	67.42	0.95	1	1	2.462661
HS20_str_opr	BOBJ1	191.26	Before	Right Exterior Girder	67.42	0.95	1	1	3.329126
HS20_str_opr	BOBJ1	191.26	After	Left Exterior Girder	0	0.95	1	1	3.35573
HS20_str_opr	BOBJ1	191.26	After	Interior Girder 1	0	0.95	1	1	2.510245
HS20_str_opr	BOBJ1	191.26	After	Interior Girder 2	0	0.95	1	1	2.424467
HS20_str_opr	BOBJ1	191.26	After	Interior Girder 3	0	0.95	1	1	1.960939
HS20_str_opr	BOBJ1	191.26	After	Interior Girder 4	0	0.95	1	1	1.960939
HS20_str_opr	BOBJ1	191.26	After	Interior Girder 5	0	0.95	1	1	2.424467
HS20_str_opr	BOBJ1	191.26	After	Interior Girder 6	0	0.95	1	1	2.510245
HS20_str_opr	BOBJ1	191.26	After	Right Exterior Girder	0	0.95	1	1	3.35573
HS20_str_opr	BOBJ1	196.26	Before	Interior Girder 1	5	0.95	1	1	3.706188
HS20_str_opr	BOBJ1	196.26	Before	Interior Girder 2	5	0.95	1	1	3.632539
HS20_str_opr	BOBJ1	196.26	Before	Interior Girder 3	5	0.95	1	1	3.430907
HS20_str_opr	BOBJ1	196.26	Before	Interior Girder 4	5	0.95	1	1	3.430907
HS20_str_opr	BOBJ1	196.26	Before	Interior Girder 5	5	0.95	1	1	3.632539
HS20_str_opr	BOBJ1	196.26	Before	Interior Girder 6	5	0.95	1	1	3.706188
HS20_str_opr	BOBJ1	196.26	After	Interior Girder 1	5	0.95	1	1	2.566751
HS20_str_opr	BOBJ1	196.26	After	Interior Girder 2	5	0.95	1	1	2.590811
HS20_str_opr	BOBJ1	196.26	After	Interior Girder 3	5	0.95	1	1	2.406811
HS20_str_opr	BOBJ1	196.26	After	Interior Girder 4	5	0.95	1	1	2.406811
HS20_str_opr	BOBJ1	196.26	After	Interior Girder 5	5	0.95	1	1	2.590811
HS20_str_opr	BOBJ1	196.26	After	Interior Girder 6	5	0.95	1	1	2.566751
HS20_str_opr	BOBJ1	198.76	Before	Left Exterior Girder	7.5	0.95	1	1	5.641465
HS20_str_opr	BOBJ1	198.76	Before	Right Exterior Girder	7.5	0.95	1	1	5.641465
HS20_str_opr	BOBJ1	198.76	After	Left Exterior Girder	7.5	0.95	1	1	2.693536
HS20_str_opr	BOBJ1	198.76	After	Right Exterior Girder	7.5	0.95	1	1	2.693536
HS20_str_opr	BOBJ1	199.685	Before	Left Exterior Girder	8.425	0.95	1	1	2.963823
HS20_str_opr	BOBJ1	199.685	Before	Interior Girder 1	8.425	0.95	1	1	3.187158
HS20_str_opr	BOBJ1	199.685	Before	Interior Girder 2	8.425	0.95	1	1	3.219329
HS20_str_opr	BOBJ1	199.685	Before	Interior Girder 3	8.425	0.95	1	1	3.143116
HS20_str_opr	BOBJ1	199.685	Before	Interior Girder 4	8.425	0.95	1	1	3.143116
HS20_str_opr	BOBJ1	199.685	Before	Interior Girder 5	8.425	0.95	1	1	3.219329

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelINonCompStrgth-Flx - Approach, Span 7-11									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
HS20_str_opr	BOBJ1	199.685	Before	Interior Girder 6	8.425	0.95	1	1	3.187158
HS20_str_opr	BOBJ1	199.685	Before	Right Exterior Girder	8.425	0.95	1	1	2.963823
HS20_str_opr	BOBJ1	199.685	After	Left Exterior Girder	8.425	0.95	1	1	2.878914
HS20_str_opr	BOBJ1	199.685	After	Interior Girder 1	8.425	0.95	1	1	3.258167
HS20_str_opr	BOBJ1	199.685	After	Interior Girder 2	8.425	0.95	1	1	3.254255
HS20_str_opr	BOBJ1	199.685	After	Interior Girder 3	8.425	0.95	1	1	3.150536
HS20_str_opr	BOBJ1	199.685	After	Interior Girder 4	8.425	0.95	1	1	3.150536
HS20_str_opr	BOBJ1	199.685	After	Interior Girder 5	8.425	0.95	1	1	3.254255
HS20_str_opr	BOBJ1	199.685	After	Interior Girder 6	8.425	0.95	1	1	3.258167
HS20_str_opr	BOBJ1	199.685	After	Right Exterior Girder	8.425	0.95	1	1	2.878914
HS20_str_opr	BOBJ1	208.11	Before	Left Exterior Girder	16.85	0.95	1	1	3.83175
HS20_str_opr	BOBJ1	208.11	Before	Interior Girder 1	16.85	0.95	1	1	3.339601
HS20_str_opr	BOBJ1	208.11	Before	Interior Girder 2	16.85	0.95	1	1	3.07195
HS20_str_opr	BOBJ1	208.11	Before	Interior Girder 3	16.85	0.95	1	1	2.977004
HS20_str_opr	BOBJ1	208.11	Before	Interior Girder 4	16.85	0.95	1	1	2.977004
HS20_str_opr	BOBJ1	208.11	Before	Interior Girder 5	16.85	0.95	1	1	3.07195
HS20_str_opr	BOBJ1	208.11	Before	Interior Girder 6	16.85	0.95	1	1	3.339601
HS20_str_opr	BOBJ1	208.11	Before	Right Exterior Girder	16.85	0.95	1	1	3.83175
HS20_str_opr	BOBJ1	208.11	After	Left Exterior Girder	16.85	0.95	1	1	3.94038
HS20_str_opr	BOBJ1	208.11	After	Interior Girder 1	16.85	0.95	1	1	3.280322
HS20_str_opr	BOBJ1	208.11	After	Interior Girder 2	16.85	0.95	1	1	3.06975
HS20_str_opr	BOBJ1	208.11	After	Interior Girder 3	16.85	0.95	1	1	3.026334
HS20_str_opr	BOBJ1	208.11	After	Interior Girder 4	16.85	0.95	1	1	3.026334
HS20_str_opr	BOBJ1	208.11	After	Interior Girder 5	16.85	0.95	1	1	3.06975
HS20_str_opr	BOBJ1	208.11	After	Interior Girder 6	16.85	0.95	1	1	3.280322
HS20_str_opr	BOBJ1	208.11	After	Right Exterior Girder	16.85	0.95	1	1	3.94038
HS20_str_opr	BOBJ1	216.535	Before	Left Exterior Girder	25.275	0.95	1	1	2.371859
HS20_str_opr	BOBJ1	216.535	Before	Interior Girder 1	25.275	0.95	1	1	1.9792
HS20_str_opr	BOBJ1	216.535	Before	Interior Girder 2	25.275	0.95	1	1	1.917451
HS20_str_opr	BOBJ1	216.535	Before	Interior Girder 3	25.275	0.95	1	1	1.855291
HS20_str_opr	BOBJ1	216.535	Before	Interior Girder 4	25.275	0.95	1	1	1.855291
HS20_str_opr	BOBJ1	216.535	Before	Interior Girder 5	25.275	0.95	1	1	1.917451
HS20_str_opr	BOBJ1	216.535	Before	Interior Girder 6	25.275	0.95	1	1	1.9792
HS20_str_opr	BOBJ1	216.535	Before	Right Exterior Girder	25.275	0.95	1	1	2.371859
HS20_str_opr	BOBJ1	216.535	After	Left Exterior Girder	25.275	0.95	1	1	2.409036
HS20_str_opr	BOBJ1	216.535	After	Interior Girder 1	25.275	0.95	1	1	1.9642
HS20_str_opr	BOBJ1	216.535	After	Interior Girder 2	25.275	0.95	1	1	1.91631
HS20_str_opr	BOBJ1	216.535	After	Interior Girder 3	25.275	0.95	1	1	1.874698
HS20_str_opr	BOBJ1	216.535	After	Interior Girder 4	25.275	0.95	1	1	1.874698
HS20_str_opr	BOBJ1	216.535	After	Interior Girder 5	25.275	0.95	1	1	1.91631
HS20_str_opr	BOBJ1	216.535	After	Interior Girder 6	25.275	0.95	1	1	1.9642
HS20_str_opr	BOBJ1	216.535	After	Right Exterior Girder	25.275	0.95	1	1	2.409036
HS20_str_opr	BOBJ1	224.96	Before	Left Exterior Girder	33.7	0.95	1	1	1.956449
HS20_str_opr	BOBJ1	224.96	Before	Interior Girder 1	33.7	0.95	1	1	1.858196
HS20_str_opr	BOBJ1	224.96	Before	Interior Girder 2	33.7	0.95	1	1	1.818358
HS20_str_opr	BOBJ1	224.96	Before	Interior Girder 3	33.7	0.95	1	1	1.814913
HS20_str_opr	BOBJ1	224.96	Before	Interior Girder 4	33.7	0.95	1	1	1.814913
HS20_str_opr	BOBJ1	224.96	Before	Interior Girder 5	33.7	0.95	1	1	1.818358
HS20_str_opr	BOBJ1	224.96	Before	Interior Girder 6	33.7	0.95	1	1	1.858196
HS20_str_opr	BOBJ1	224.96	Before	Right Exterior Girder	33.7	0.95	1	1	1.956449
HS20_str_opr	BOBJ1	224.96	After	Left Exterior Girder	33.7	0.95	1	1	1.95417
HS20_str_opr	BOBJ1	224.96	After	Interior Girder 1	33.7	0.95	1	1	1.858716
HS20_str_opr	BOBJ1	224.96	After	Interior Girder 2	33.7	0.95	1	1	1.820457
HS20_str_opr	BOBJ1	224.96	After	Interior Girder 3	33.7	0.95	1	1	1.815929
HS20_str_opr	BOBJ1	224.96	After	Interior Girder 4	33.7	0.95	1	1	1.815929
HS20_str_opr	BOBJ1	224.96	After	Interior Girder 5	33.7	0.95	1	1	1.820457
HS20_str_opr	BOBJ1	224.96	After	Interior Girder 6	33.7	0.95	1	1	1.858716
HS20_str_opr	BOBJ1	224.96	After	Right Exterior Girder	33.7	0.95	1	1	1.95417
HS20_str_opr	BOBJ1	233.385	Before	Left Exterior Girder	42.125	0.95	1	1	2.473231
HS20_str_opr	BOBJ1	233.385	Before	Interior Girder 1	42.125	0.95	1	1	1.991092
HS20_str_opr	BOBJ1	233.385	Before	Interior Girder 2	42.125	0.95	1	1	1.934239
HS20_str_opr	BOBJ1	233.385	Before	Interior Girder 3	42.125	0.95	1	1	1.890572
HS20_str_opr	BOBJ1	233.385	Before	Interior Girder 4	42.125	0.95	1	1	1.890572
HS20_str_opr	BOBJ1	233.385	Before	Interior Girder 5	42.125	0.95	1	1	1.934239
HS20_str_opr	BOBJ1	233.385	Before	Interior Girder 6	42.125	0.95	1	1	1.991092

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelINonCompStrgth-Flx - Approach, Span 7-11									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
HS20_str_opr	BOBJ1	233.385	Before	Right Exterior Girder	42.125	0.95	1	1	2.473231
HS20_str_opr	BOBJ1	233.385	After	Left Exterior Girder	42.125	0.95	1	1	2.429394
HS20_str_opr	BOBJ1	233.385	After	Interior Girder 1	42.125	0.95	1	1	2.008262
HS20_str_opr	BOBJ1	233.385	After	Interior Girder 2	42.125	0.95	1	1	1.93691
HS20_str_opr	BOBJ1	233.385	After	Interior Girder 3	42.125	0.95	1	1	1.871523
HS20_str_opr	BOBJ1	233.385	After	Interior Girder 4	42.125	0.95	1	1	1.871523
HS20_str_opr	BOBJ1	233.385	After	Interior Girder 5	42.125	0.95	1	1	1.93691
HS20_str_opr	BOBJ1	233.385	After	Interior Girder 6	42.125	0.95	1	1	2.008262
HS20_str_opr	BOBJ1	233.385	After	Right Exterior Girder	42.125	0.95	1	1	2.429394
HS20_str_opr	BOBJ1	241.81	Before	Left Exterior Girder	50.55	0.95	1	1	4.174174
HS20_str_opr	BOBJ1	241.81	Before	Interior Girder 1	50.55	0.95	1	1	3.372593
HS20_str_opr	BOBJ1	241.81	Before	Interior Girder 2	50.55	0.95	1	1	3.127205
HS20_str_opr	BOBJ1	241.81	Before	Interior Girder 3	50.55	0.95	1	1	3.061634
HS20_str_opr	BOBJ1	241.81	Before	Interior Girder 4	50.55	0.95	1	1	3.061634
HS20_str_opr	BOBJ1	241.81	Before	Interior Girder 5	50.55	0.95	1	1	3.127205
HS20_str_opr	BOBJ1	241.81	Before	Interior Girder 6	50.55	0.95	1	1	3.372593
HS20_str_opr	BOBJ1	241.81	Before	Right Exterior Girder	50.55	0.95	1	1	4.174174
HS20_str_opr	BOBJ1	241.81	After	Left Exterior Girder	50.55	0.95	1	1	4.072393
HS20_str_opr	BOBJ1	241.81	After	Interior Girder 1	50.55	0.95	1	1	3.430327
HS20_str_opr	BOBJ1	241.81	After	Interior Girder 2	50.55	0.95	1	1	3.145815
HS20_str_opr	BOBJ1	241.81	After	Interior Girder 3	50.55	0.95	1	1	3.039748
HS20_str_opr	BOBJ1	241.81	After	Interior Girder 4	50.55	0.95	1	1	3.039748
HS20_str_opr	BOBJ1	241.81	After	Interior Girder 5	50.55	0.95	1	1	3.145815
HS20_str_opr	BOBJ1	241.81	After	Interior Girder 6	50.55	0.95	1	1	3.430327
HS20_str_opr	BOBJ1	241.81	After	Right Exterior Girder	50.55	0.95	1	1	4.072393
HS20_str_opr	BOBJ1	245.18	Before	Left Exterior Girder	53.92	0.95	1	1	4.710721
HS20_str_opr	BOBJ1	245.18	Before	Interior Girder 1	53.92	0.95	1	1	4.462722
HS20_str_opr	BOBJ1	245.18	Before	Interior Girder 2	53.92	0.95	1	1	4.028304
HS20_str_opr	BOBJ1	245.18	Before	Interior Girder 3	53.92	0.95	1	1	3.955142
HS20_str_opr	BOBJ1	245.18	Before	Interior Girder 4	53.92	0.95	1	1	3.955142
HS20_str_opr	BOBJ1	245.18	Before	Interior Girder 5	53.92	0.95	1	1	4.028304
HS20_str_opr	BOBJ1	245.18	Before	Interior Girder 6	53.92	0.95	1	1	4.462722
HS20_str_opr	BOBJ1	245.18	Before	Right Exterior Girder	53.92	0.95	1	1	4.710721
HS20_str_opr	BOBJ1	245.18	After	Left Exterior Girder	53.92	0.95	1	1	5.508633
HS20_str_opr	BOBJ1	245.18	After	Interior Girder 1	53.92	0.95	1	1	4.773977
HS20_str_opr	BOBJ1	245.18	After	Interior Girder 2	53.92	0.95	1	1	4.292534
HS20_str_opr	BOBJ1	245.18	After	Interior Girder 3	53.92	0.95	1	1	4.162569
HS20_str_opr	BOBJ1	245.18	After	Interior Girder 4	53.92	0.95	1	1	4.162569
HS20_str_opr	BOBJ1	245.18	After	Interior Girder 5	53.92	0.95	1	1	4.292534
HS20_str_opr	BOBJ1	245.18	After	Interior Girder 6	53.92	0.95	1	1	4.773977
HS20_str_opr	BOBJ1	245.18	After	Right Exterior Girder	53.92	0.95	1	1	5.508633
HS20_str_opr	BOBJ1	250.245	Before	Left Exterior Girder	58.985	0.95	1	1	3.913211
HS20_str_opr	BOBJ1	250.245	Before	Interior Girder 1	58.985	0.95	1	1	3.979574
HS20_str_opr	BOBJ1	250.245	Before	Interior Girder 2	58.985	0.95	1	1	3.822793
HS20_str_opr	BOBJ1	250.245	Before	Interior Girder 3	58.985	0.95	1	1	3.672851
HS20_str_opr	BOBJ1	250.245	Before	Interior Girder 4	58.985	0.95	1	1	3.672851
HS20_str_opr	BOBJ1	250.245	Before	Interior Girder 5	58.985	0.95	1	1	3.822793
HS20_str_opr	BOBJ1	250.245	Before	Interior Girder 6	58.985	0.95	1	1	3.979574
HS20_str_opr	BOBJ1	250.245	Before	Right Exterior Girder	58.985	0.95	1	1	3.913211
HS20_str_opr	BOBJ1	250.245	After	Left Exterior Girder	58.985	0.95	1	1	3.959376
HS20_str_opr	BOBJ1	250.245	After	Interior Girder 1	58.985	0.95	1	1	3.930609
HS20_str_opr	BOBJ1	250.245	After	Interior Girder 2	58.985	0.95	1	1	3.779107
HS20_str_opr	BOBJ1	250.245	After	Interior Girder 3	58.985	0.95	1	1	3.650794
HS20_str_opr	BOBJ1	250.245	After	Interior Girder 4	58.985	0.95	1	1	3.650794
HS20_str_opr	BOBJ1	250.245	After	Interior Girder 5	58.985	0.95	1	1	3.779107
HS20_str_opr	BOBJ1	250.245	After	Interior Girder 6	58.985	0.95	1	1	3.930609
HS20_str_opr	BOBJ1	250.245	After	Right Exterior Girder	58.985	0.95	1	1	3.959376
HS20_str_opr	BOBJ1	251.68	Before	Left Exterior Girder	60.42	0.95	1	1	3.511454
HS20_str_opr	BOBJ1	251.68	Before	Right Exterior Girder	60.42	0.95	1	1	3.511454
HS20_str_opr	BOBJ1	251.68	After	Left Exterior Girder	60.42	0.95	1	1	6.384779
HS20_str_opr	BOBJ1	251.68	After	Right Exterior Girder	60.42	0.95	1	1	6.384779
HS20_str_opr	BOBJ1	254.18	Before	Interior Girder 1	62.92	0.95	1	1	3.045971
HS20_str_opr	BOBJ1	254.18	Before	Interior Girder 2	62.92	0.95	1	1	2.95934
HS20_str_opr	BOBJ1	254.18	Before	Interior Girder 3	62.92	0.95	1	1	2.659369
HS20_str_opr	BOBJ1	254.18	Before	Interior Girder 4	62.92	0.95	1	1	2.659369

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelINonCompStrgth-Flx - Approach, Span 7-11									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
HS20_str_opr	BOBJ1	254.18	Before	Interior Girder 5	62.92	0.95	1	1	2.95934
HS20_str_opr	BOBJ1	254.18	Before	Interior Girder 6	62.92	0.95	1	1	3.045971
HS20_str_opr	BOBJ1	254.18	After	Interior Girder 1	62.92	0.95	1	1	3.804206
HS20_str_opr	BOBJ1	254.18	After	Interior Girder 2	62.92	0.95	1	1	3.607261
HS20_str_opr	BOBJ1	254.18	After	Interior Girder 3	62.92	0.95	1	1	3.273972
HS20_str_opr	BOBJ1	254.18	After	Interior Girder 4	62.92	0.95	1	1	3.273972
HS20_str_opr	BOBJ1	254.18	After	Interior Girder 5	62.92	0.95	1	1	3.607261
HS20_str_opr	BOBJ1	254.18	After	Interior Girder 6	62.92	0.95	1	1	3.804206
HS20_str_opr	BOBJ1	258.68	Before	Left Exterior Girder	67.42	0.95	1	1	3.241656
HS20_str_opr	BOBJ1	258.68	Before	Interior Girder 1	67.42	0.95	1	1	2.217976
HS20_str_opr	BOBJ1	258.68	Before	Interior Girder 2	67.42	0.95	1	1	2.167872
HS20_str_opr	BOBJ1	258.68	Before	Interior Girder 3	67.42	0.95	1	1	1.780079
HS20_str_opr	BOBJ1	258.68	Before	Interior Girder 4	67.42	0.95	1	1	1.780079
HS20_str_opr	BOBJ1	258.68	Before	Interior Girder 5	67.42	0.95	1	1	2.167872
HS20_str_opr	BOBJ1	258.68	Before	Interior Girder 6	67.42	0.95	1	1	2.217976
HS20_str_opr	BOBJ1	258.68	Before	Right Exterior Girder	67.42	0.95	1	1	3.241656
HS20_str_opr	BOBJ1	258.68	After	Left Exterior Girder	0	0.95	1	1	3.152198
HS20_str_opr	BOBJ1	258.68	After	Interior Girder 1	0	0.95	1	1	2.198336
HS20_str_opr	BOBJ1	258.68	After	Interior Girder 2	0	0.95	1	1	2.14901
HS20_str_opr	BOBJ1	258.68	After	Interior Girder 3	0	0.95	1	1	1.721959
HS20_str_opr	BOBJ1	258.68	After	Interior Girder 4	0	0.95	1	1	1.721959
HS20_str_opr	BOBJ1	258.68	After	Interior Girder 5	0	0.95	1	1	2.14901
HS20_str_opr	BOBJ1	258.68	After	Interior Girder 6	0	0.95	1	1	2.198336
HS20_str_opr	BOBJ1	258.68	After	Right Exterior Girder	0	0.95	1	1	3.152198
HS20_str_opr	BOBJ1	263.18	Before	Interior Girder 1	4.5	0.95	1	1	3.167874
HS20_str_opr	BOBJ1	263.18	Before	Interior Girder 2	4.5	0.95	1	1	3.087846
HS20_str_opr	BOBJ1	263.18	Before	Interior Girder 3	4.5	0.95	1	1	2.888347
HS20_str_opr	BOBJ1	263.18	Before	Interior Girder 4	4.5	0.95	1	1	2.888347
HS20_str_opr	BOBJ1	263.18	Before	Interior Girder 5	4.5	0.95	1	1	3.087846
HS20_str_opr	BOBJ1	263.18	Before	Interior Girder 6	4.5	0.95	1	1	3.167874
HS20_str_opr	BOBJ1	263.18	After	Interior Girder 1	4.5	0.95	1	1	2.52181
HS20_str_opr	BOBJ1	263.18	After	Interior Girder 2	4.5	0.95	1	1	2.52862
HS20_str_opr	BOBJ1	263.18	After	Interior Girder 3	4.5	0.95	1	1	2.335964
HS20_str_opr	BOBJ1	263.18	After	Interior Girder 4	4.5	0.95	1	1	2.335964
HS20_str_opr	BOBJ1	263.18	After	Interior Girder 5	4.5	0.95	1	1	2.52862
HS20_str_opr	BOBJ1	263.18	After	Interior Girder 6	4.5	0.95	1	1	2.52181
HS20_str_opr	BOBJ1	265.68	Before	Left Exterior Girder	7	0.95	1	1	5.033029
HS20_str_opr	BOBJ1	265.68	Before	Right Exterior Girder	7	0.95	1	1	5.033029
HS20_str_opr	BOBJ1	265.68	After	Left Exterior Girder	7	0.95	1	1	2.776755
HS20_str_opr	BOBJ1	265.68	After	Right Exterior Girder	7	0.95	1	1	2.776755
HS20_str_opr	BOBJ1	268.08	Before	Left Exterior Girder	9.4	0.95	1	1	3.415032
HS20_str_opr	BOBJ1	268.08	Before	Interior Girder 1	9.4	0.95	1	1	3.438327
HS20_str_opr	BOBJ1	268.08	Before	Interior Girder 2	9.4	0.95	1	1	3.43594
HS20_str_opr	BOBJ1	268.08	Before	Interior Girder 3	9.4	0.95	1	1	3.378306
HS20_str_opr	BOBJ1	268.08	Before	Interior Girder 4	9.4	0.95	1	1	3.378306
HS20_str_opr	BOBJ1	268.08	Before	Interior Girder 5	9.4	0.95	1	1	3.43594
HS20_str_opr	BOBJ1	268.08	Before	Interior Girder 6	9.4	0.95	1	1	3.438327
HS20_str_opr	BOBJ1	268.08	Before	Right Exterior Girder	9.4	0.95	1	1	3.415032
HS20_str_opr	BOBJ1	268.08	After	Left Exterior Girder	9.4	0.95	1	1	3.329216
HS20_str_opr	BOBJ1	268.08	After	Interior Girder 1	9.4	0.95	1	1	3.506788
HS20_str_opr	BOBJ1	268.08	After	Interior Girder 2	9.4	0.95	1	1	3.48487
HS20_str_opr	BOBJ1	268.08	After	Interior Girder 3	9.4	0.95	1	1	3.391951
HS20_str_opr	BOBJ1	268.08	After	Interior Girder 4	9.4	0.95	1	1	3.391951
HS20_str_opr	BOBJ1	268.08	After	Interior Girder 5	9.4	0.95	1	1	3.48487
HS20_str_opr	BOBJ1	268.08	After	Interior Girder 6	9.4	0.95	1	1	3.506788
HS20_str_opr	BOBJ1	268.08	After	Right Exterior Girder	9.4	0.95	1	1	3.329216
HS20_str_opr	BOBJ1	277.48	Before	Left Exterior Girder	18.8	0.95	1	1	3.311318
HS20_str_opr	BOBJ1	277.48	Before	Interior Girder 1	18.8	0.95	1	1	2.890607
HS20_str_opr	BOBJ1	277.48	Before	Interior Girder 2	18.8	0.95	1	1	2.661875
HS20_str_opr	BOBJ1	277.48	Before	Interior Girder 3	18.8	0.95	1	1	2.583052
HS20_str_opr	BOBJ1	277.48	Before	Interior Girder 4	18.8	0.95	1	1	2.583052
HS20_str_opr	BOBJ1	277.48	Before	Interior Girder 5	18.8	0.95	1	1	2.661875
HS20_str_opr	BOBJ1	277.48	Before	Interior Girder 6	18.8	0.95	1	1	2.890607
HS20_str_opr	BOBJ1	277.48	Before	Right Exterior Girder	18.8	0.95	1	1	3.311318
HS20_str_opr	BOBJ1	277.48	After	Left Exterior Girder	18.8	0.95	1	1	3.387964

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelINonCompStrgth-Flx - Approach, Span 7-11									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
HS20_str_opr	BOBJ1	277.48	After	Interior Girder 1	18.8	0.95	1	1	2.839421
HS20_str_opr	BOBJ1	277.48	After	Interior Girder 2	18.8	0.95	1	1	2.665315
HS20_str_opr	BOBJ1	277.48	After	Interior Girder 3	18.8	0.95	1	1	2.617985
HS20_str_opr	BOBJ1	277.48	After	Interior Girder 4	18.8	0.95	1	1	2.617985
HS20_str_opr	BOBJ1	277.48	After	Interior Girder 5	18.8	0.95	1	1	2.665315
HS20_str_opr	BOBJ1	277.48	After	Interior Girder 6	18.8	0.95	1	1	2.839421
HS20_str_opr	BOBJ1	277.48	After	Right Exterior Girder	18.8	0.95	1	1	3.387964
HS20_str_opr	BOBJ1	286.88	Before	Left Exterior Girder	28.2	0.95	1	1	2.325394
HS20_str_opr	BOBJ1	286.88	Before	Interior Girder 1	28.2	0.95	1	1	1.832224
HS20_str_opr	BOBJ1	286.88	Before	Interior Girder 2	28.2	0.95	1	1	1.764268
HS20_str_opr	BOBJ1	286.88	Before	Interior Girder 3	28.2	0.95	1	1	1.697618
HS20_str_opr	BOBJ1	286.88	Before	Interior Girder 4	28.2	0.95	1	1	1.697618
HS20_str_opr	BOBJ1	286.88	Before	Interior Girder 5	28.2	0.95	1	1	1.764268
HS20_str_opr	BOBJ1	286.88	Before	Interior Girder 6	28.2	0.95	1	1	1.832224
HS20_str_opr	BOBJ1	286.88	Before	Right Exterior Girder	28.2	0.95	1	1	2.325394
HS20_str_opr	BOBJ1	286.88	After	Left Exterior Girder	28.2	0.95	1	1	2.337827
HS20_str_opr	BOBJ1	286.88	After	Interior Girder 1	28.2	0.95	1	1	1.828035
HS20_str_opr	BOBJ1	286.88	After	Interior Girder 2	28.2	0.95	1	1	1.769158
HS20_str_opr	BOBJ1	286.88	After	Interior Girder 3	28.2	0.95	1	1	1.709384
HS20_str_opr	BOBJ1	286.88	After	Interior Girder 4	28.2	0.95	1	1	1.709384
HS20_str_opr	BOBJ1	286.88	After	Interior Girder 5	28.2	0.95	1	1	1.769158
HS20_str_opr	BOBJ1	286.88	After	Interior Girder 6	28.2	0.95	1	1	1.828035
HS20_str_opr	BOBJ1	286.88	After	Right Exterior Girder	28.2	0.95	1	1	2.337827
HS20_str_opr	BOBJ1	296.28	Before	Left Exterior Girder	37.6	0.95	1	1	2.14294
HS20_str_opr	BOBJ1	296.28	Before	Interior Girder 1	37.6	0.95	1	1	1.903698
HS20_str_opr	BOBJ1	296.28	Before	Interior Girder 2	37.6	0.95	1	1	1.828392
HS20_str_opr	BOBJ1	296.28	Before	Interior Girder 3	37.6	0.95	1	1	1.812596
HS20_str_opr	BOBJ1	296.28	Before	Interior Girder 4	37.6	0.95	1	1	1.812596
HS20_str_opr	BOBJ1	296.28	Before	Interior Girder 5	37.6	0.95	1	1	1.828392
HS20_str_opr	BOBJ1	296.28	Before	Interior Girder 6	37.6	0.95	1	1	1.903698
HS20_str_opr	BOBJ1	296.28	Before	Right Exterior Girder	37.6	0.95	1	1	2.14294
HS20_str_opr	BOBJ1	296.28	After	Left Exterior Girder	37.6	0.95	1	1	2.117015
HS20_str_opr	BOBJ1	296.28	After	Interior Girder 1	37.6	0.95	1	1	1.922111
HS20_str_opr	BOBJ1	296.28	After	Interior Girder 2	37.6	0.95	1	1	1.825875
HS20_str_opr	BOBJ1	296.28	After	Interior Girder 3	37.6	0.95	1	1	1.798889
HS20_str_opr	BOBJ1	296.28	After	Interior Girder 4	37.6	0.95	1	1	1.798889
HS20_str_opr	BOBJ1	296.28	After	Interior Girder 5	37.6	0.95	1	1	1.825875
HS20_str_opr	BOBJ1	296.28	After	Interior Girder 6	37.6	0.95	1	1	1.922111
HS20_str_opr	BOBJ1	296.28	After	Right Exterior Girder	37.6	0.95	1	1	2.117015
HS20_str_opr	BOBJ1	305.69	Before	Left Exterior Girder	47.01	0.95	1	1	3.785164
HS20_str_opr	BOBJ1	305.69	Before	Interior Girder 1	47.01	0.95	1	1	2.602672
HS20_str_opr	BOBJ1	305.69	Before	Interior Girder 2	47.01	0.95	1	1	2.49794
HS20_str_opr	BOBJ1	305.69	Before	Interior Girder 3	47.01	0.95	1	1	2.369597
HS20_str_opr	BOBJ1	305.69	Before	Interior Girder 4	47.01	0.95	1	1	2.369597
HS20_str_opr	BOBJ1	305.69	Before	Interior Girder 5	47.01	0.95	1	1	2.49794
HS20_str_opr	BOBJ1	305.69	Before	Interior Girder 6	47.01	0.95	1	1	2.602672
HS20_str_opr	BOBJ1	305.69	Before	Right Exterior Girder	47.01	0.95	1	1	3.785164
HS20_str_opr	BOBJ1	305.69	After	Left Exterior Girder	47.01	0.95	1	1	3.763794
HS20_str_opr	BOBJ1	305.69	After	Interior Girder 1	47.01	0.95	1	1	2.613896
HS20_str_opr	BOBJ1	305.69	After	Interior Girder 2	47.01	0.95	1	1	2.452308
HS20_str_opr	BOBJ1	305.69	After	Interior Girder 3	47.01	0.95	1	1	2.282287
HS20_str_opr	BOBJ1	305.69	After	Interior Girder 4	47.01	0.95	1	1	2.282287
HS20_str_opr	BOBJ1	305.69	After	Interior Girder 5	47.01	0.95	1	1	2.452308
HS20_str_opr	BOBJ1	305.69	After	Interior Girder 6	47.01	0.95	1	1	2.613896
HS20_str_opr	BOBJ1	305.69	After	Right Exterior Girder	47.01	0.95	1	1	3.763794
HS20_str_opr	BOBJ1	315.1	Before	Left Exterior Girder	56.42	0.95	1	1	300.155696
HS20_str_opr	BOBJ1	315.1	Before	Interior Girder 1	56.42	0.95	1	1	260.678611
HS20_str_opr	BOBJ1	315.1	Before	Interior Girder 2	56.42	0.95	1	1	194.553313
HS20_str_opr	BOBJ1	315.1	Before	Interior Girder 3	56.42	0.95	1	1	142.044232
HS20_str_opr	BOBJ1	315.1	Before	Interior Girder 4	56.42	0.95	1	1	142.044232
HS20_str_opr	BOBJ1	315.1	Before	Interior Girder 5	56.42	0.95	1	1	194.553314
HS20_str_opr	BOBJ1	315.1	Before	Interior Girder 6	56.42	0.95	1	1	260.67861
HS20_str_opr	BOBJ1	315.1	Before	Right Exterior Girder	56.42	0.95	1	1	300.155698
HS20_str_inv	BOBJ1	0	After	Left Exterior Girder	0	0.95	1	1	221.275132
HS20_str_inv	BOBJ1	0	After	Interior Girder 1	0	0.95	1	1	182.740456

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelINonCompStrgth-Flx - Approach, Span 7-11									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
HS20_str_inv	BOBJ1	0	After	Interior Girder 2	0	0.95	1	1	153.26952
HS20_str_inv	BOBJ1	0	After	Interior Girder 3	0	0.95	1	1	107.245693
HS20_str_inv	BOBJ1	0	After	Interior Girder 4	0	0.95	1	1	107.245692
HS20_str_inv	BOBJ1	0	After	Interior Girder 5	0	0.95	1	1	153.269519
HS20_str_inv	BOBJ1	0	After	Interior Girder 6	0	0.95	1	1	182.740458
HS20_str_inv	BOBJ1	0	After	Right Exterior Girder	0	0.95	1	1	221.275132
HS20_str_inv	BOBJ1	9.4	Before	Left Exterior Girder	9.4	0.95	1	1	2.883718
HS20_str_inv	BOBJ1	9.4	Before	Interior Girder 1	9.4	0.95	1	1	2.008312
HS20_str_inv	BOBJ1	9.4	Before	Interior Girder 2	9.4	0.95	1	1	1.885798
HS20_str_inv	BOBJ1	9.4	Before	Interior Girder 3	9.4	0.95	1	1	1.75703
HS20_str_inv	BOBJ1	9.4	Before	Interior Girder 4	9.4	0.95	1	1	1.75703
HS20_str_inv	BOBJ1	9.4	Before	Interior Girder 5	9.4	0.95	1	1	1.885798
HS20_str_inv	BOBJ1	9.4	Before	Interior Girder 6	9.4	0.95	1	1	2.008312
HS20_str_inv	BOBJ1	9.4	Before	Right Exterior Girder	9.4	0.95	1	1	2.883718
HS20_str_inv	BOBJ1	9.4	After	Left Exterior Girder	9.4	0.95	1	1	2.902118
HS20_str_inv	BOBJ1	9.4	After	Interior Girder 1	9.4	0.95	1	1	1.998682
HS20_str_inv	BOBJ1	9.4	After	Interior Girder 2	9.4	0.95	1	1	1.920895
HS20_str_inv	BOBJ1	9.4	After	Interior Girder 3	9.4	0.95	1	1	1.824241
HS20_str_inv	BOBJ1	9.4	After	Interior Girder 4	9.4	0.95	1	1	1.824241
HS20_str_inv	BOBJ1	9.4	After	Interior Girder 5	9.4	0.95	1	1	1.920895
HS20_str_inv	BOBJ1	9.4	After	Interior Girder 6	9.4	0.95	1	1	1.998682
HS20_str_inv	BOBJ1	9.4	After	Right Exterior Girder	9.4	0.95	1	1	2.902118
HS20_str_inv	BOBJ1	18.8	Before	Left Exterior Girder	18.8	0.95	1	1	1.626978
HS20_str_inv	BOBJ1	18.8	Before	Interior Girder 1	18.8	0.95	1	1	1.474686
HS20_str_inv	BOBJ1	18.8	Before	Interior Girder 2	18.8	0.95	1	1	1.404022
HS20_str_inv	BOBJ1	18.8	Before	Interior Girder 3	18.8	0.95	1	1	1.385315
HS20_str_inv	BOBJ1	18.8	Before	Interior Girder 4	18.8	0.95	1	1	1.385315
HS20_str_inv	BOBJ1	18.8	Before	Interior Girder 5	18.8	0.95	1	1	1.404022
HS20_str_inv	BOBJ1	18.8	Before	Interior Girder 6	18.8	0.95	1	1	1.474686
HS20_str_inv	BOBJ1	18.8	Before	Right Exterior Girder	18.8	0.95	1	1	1.626978
HS20_str_inv	BOBJ1	18.8	After	Left Exterior Girder	18.8	0.95	1	1	1.646619
HS20_str_inv	BOBJ1	18.8	After	Interior Girder 1	18.8	0.95	1	1	1.461026
HS20_str_inv	BOBJ1	18.8	After	Interior Girder 2	18.8	0.95	1	1	1.405811
HS20_str_inv	BOBJ1	18.8	After	Interior Girder 3	18.8	0.95	1	1	1.395682
HS20_str_inv	BOBJ1	18.8	After	Interior Girder 4	18.8	0.95	1	1	1.395682
HS20_str_inv	BOBJ1	18.8	After	Interior Girder 5	18.8	0.95	1	1	1.405811
HS20_str_inv	BOBJ1	18.8	After	Interior Girder 6	18.8	0.95	1	1	1.461026
HS20_str_inv	BOBJ1	18.8	After	Right Exterior Girder	18.8	0.95	1	1	1.646619
HS20_str_inv	BOBJ1	28.2	Before	Left Exterior Girder	28.2	0.95	1	1	1.798953
HS20_str_inv	BOBJ1	28.2	Before	Interior Girder 1	28.2	0.95	1	1	1.404886
HS20_str_inv	BOBJ1	28.2	Before	Interior Girder 2	28.2	0.95	1	1	1.360934
HS20_str_inv	BOBJ1	28.2	Before	Interior Girder 3	28.2	0.95	1	1	1.316152
HS20_str_inv	BOBJ1	28.2	Before	Interior Girder 4	28.2	0.95	1	1	1.316152
HS20_str_inv	BOBJ1	28.2	Before	Interior Girder 5	28.2	0.95	1	1	1.360934
HS20_str_inv	BOBJ1	28.2	Before	Interior Girder 6	28.2	0.95	1	1	1.404886
HS20_str_inv	BOBJ1	28.2	Before	Right Exterior Girder	28.2	0.95	1	1	1.798953
HS20_str_inv	BOBJ1	28.2	After	Left Exterior Girder	28.2	0.95	1	1	1.789286
HS20_str_inv	BOBJ1	28.2	After	Interior Girder 1	28.2	0.95	1	1	1.407959
HS20_str_inv	BOBJ1	28.2	After	Interior Girder 2	28.2	0.95	1	1	1.357194
HS20_str_inv	BOBJ1	28.2	After	Interior Girder 3	28.2	0.95	1	1	1.307183
HS20_str_inv	BOBJ1	28.2	After	Interior Girder 4	28.2	0.95	1	1	1.307183
HS20_str_inv	BOBJ1	28.2	After	Interior Girder 5	28.2	0.95	1	1	1.357194
HS20_str_inv	BOBJ1	28.2	After	Interior Girder 6	28.2	0.95	1	1	1.407959
HS20_str_inv	BOBJ1	28.2	After	Right Exterior Girder	28.2	0.95	1	1	1.789286
HS20_str_inv	BOBJ1	37.6	Before	Left Exterior Girder	37.6	0.95	1	1	2.609387
HS20_str_inv	BOBJ1	37.6	Before	Interior Girder 1	37.6	0.95	1	1	2.184258
HS20_str_inv	BOBJ1	37.6	Before	Interior Girder 2	37.6	0.95	1	1	2.051103
HS20_str_inv	BOBJ1	37.6	Before	Interior Girder 3	37.6	0.95	1	1	2.015366
HS20_str_inv	BOBJ1	37.6	Before	Interior Girder 4	37.6	0.95	1	1	2.015366
HS20_str_inv	BOBJ1	37.6	Before	Interior Girder 5	37.6	0.95	1	1	2.051103
HS20_str_inv	BOBJ1	37.6	Before	Interior Girder 6	37.6	0.95	1	1	2.184258
HS20_str_inv	BOBJ1	37.6	Before	Right Exterior Girder	37.6	0.95	1	1	2.609387
HS20_str_inv	BOBJ1	37.6	After	Left Exterior Girder	37.6	0.95	1	1	2.550224
HS20_str_inv	BOBJ1	37.6	After	Interior Girder 1	37.6	0.95	1	1	2.223277
HS20_str_inv	BOBJ1	37.6	After	Interior Girder 2	37.6	0.95	1	1	2.048604

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelINonCompStrgth-Flx - Approach, Span 7-11									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
HS20_str_inv	BOBJ1	37.6	After	Interior Girder 3	37.6	0.95	1	1	1.988774
HS20_str_inv	BOBJ1	37.6	After	Interior Girder 4	37.6	0.95	1	1	1.988774
HS20_str_inv	BOBJ1	37.6	After	Interior Girder 5	37.6	0.95	1	1	2.048604
HS20_str_inv	BOBJ1	37.6	After	Interior Girder 6	37.6	0.95	1	1	2.223277
HS20_str_inv	BOBJ1	37.6	After	Right Exterior Girder	37.6	0.95	1	1	2.550224
HS20_str_inv	BOBJ1	47.01	Before	Left Exterior Girder	47.01	0.95	1	1	2.56601
HS20_str_inv	BOBJ1	47.01	Before	Interior Girder 1	47.01	0.95	1	1	2.704558
HS20_str_inv	BOBJ1	47.01	Before	Interior Girder 2	47.01	0.95	1	1	2.687714
HS20_str_inv	BOBJ1	47.01	Before	Interior Girder 3	47.01	0.95	1	1	2.618563
HS20_str_inv	BOBJ1	47.01	Before	Interior Girder 4	47.01	0.95	1	1	2.618563
HS20_str_inv	BOBJ1	47.01	Before	Interior Girder 5	47.01	0.95	1	1	2.687714
HS20_str_inv	BOBJ1	47.01	Before	Interior Girder 6	47.01	0.95	1	1	2.704558
HS20_str_inv	BOBJ1	47.01	Before	Right Exterior Girder	47.01	0.95	1	1	2.56601
HS20_str_inv	BOBJ1	47.01	After	Left Exterior Girder	47.01	0.95	1	1	2.632118
HS20_str_inv	BOBJ1	47.01	After	Interior Girder 1	47.01	0.95	1	1	2.652379
HS20_str_inv	BOBJ1	47.01	After	Interior Girder 2	47.01	0.95	1	1	2.649736
HS20_str_inv	BOBJ1	47.01	After	Interior Girder 3	47.01	0.95	1	1	2.607971
HS20_str_inv	BOBJ1	47.01	After	Interior Girder 4	47.01	0.95	1	1	2.607971
HS20_str_inv	BOBJ1	47.01	After	Interior Girder 5	47.01	0.95	1	1	2.649736
HS20_str_inv	BOBJ1	47.01	After	Interior Girder 6	47.01	0.95	1	1	2.652379
HS20_str_inv	BOBJ1	47.01	After	Right Exterior Girder	47.01	0.95	1	1	2.632118
HS20_str_inv	BOBJ1	49.42	Before	Left Exterior Girder	49.42	0.95	1	1	2.129357
HS20_str_inv	BOBJ1	49.42	Before	Right Exterior Girder	49.42	0.95	1	1	2.129357
HS20_str_inv	BOBJ1	49.42	After	Left Exterior Girder	49.42	0.95	1	1	3.866757
HS20_str_inv	BOBJ1	49.42	After	Right Exterior Girder	49.42	0.95	1	1	3.866757
HS20_str_inv	BOBJ1	51.92	Before	Interior Girder 1	51.92	0.95	1	1	1.940452
HS20_str_inv	BOBJ1	51.92	Before	Interior Girder 2	51.92	0.95	1	1	1.946763
HS20_str_inv	BOBJ1	51.92	Before	Interior Girder 3	51.92	0.95	1	1	1.801603
HS20_str_inv	BOBJ1	51.92	Before	Interior Girder 4	51.92	0.95	1	1	1.801603
HS20_str_inv	BOBJ1	51.92	Before	Interior Girder 5	51.92	0.95	1	1	1.946763
HS20_str_inv	BOBJ1	51.92	Before	Interior Girder 6	51.92	0.95	1	1	1.940452
HS20_str_inv	BOBJ1	51.92	After	Interior Girder 1	51.92	0.95	1	1	2.43853
HS20_str_inv	BOBJ1	51.92	After	Interior Girder 2	51.92	0.95	1	1	2.377677
HS20_str_inv	BOBJ1	51.92	After	Interior Girder 3	51.92	0.95	1	1	2.227963
HS20_str_inv	BOBJ1	51.92	After	Interior Girder 4	51.92	0.95	1	1	2.227963
HS20_str_inv	BOBJ1	51.92	After	Interior Girder 5	51.92	0.95	1	1	2.377677
HS20_str_inv	BOBJ1	51.92	After	Interior Girder 6	51.92	0.95	1	1	2.43853
HS20_str_inv	BOBJ1	56.42	Before	Left Exterior Girder	56.42	0.95	1	1	2.424929
HS20_str_inv	BOBJ1	56.42	Before	Interior Girder 1	56.42	0.95	1	1	1.688414
HS20_str_inv	BOBJ1	56.42	Before	Interior Girder 2	56.42	0.95	1	1	1.651923
HS20_str_inv	BOBJ1	56.42	Before	Interior Girder 3	56.42	0.95	1	1	1.326815
HS20_str_inv	BOBJ1	56.42	Before	Interior Girder 4	56.42	0.95	1	1	1.326815
HS20_str_inv	BOBJ1	56.42	Before	Interior Girder 5	56.42	0.95	1	1	1.651923
HS20_str_inv	BOBJ1	56.42	Before	Interior Girder 6	56.42	0.95	1	1	1.688414
HS20_str_inv	BOBJ1	56.42	Before	Right Exterior Girder	56.42	0.95	1	1	2.424929
HS20_str_inv	BOBJ1	56.42	After	Left Exterior Girder	0	0.95	1	1	2.49108
HS20_str_inv	BOBJ1	56.42	After	Interior Girder 1	0	0.95	1	1	1.710513
HS20_str_inv	BOBJ1	56.42	After	Interior Girder 2	0	0.95	1	1	1.674508
HS20_str_inv	BOBJ1	56.42	After	Interior Girder 3	0	0.95	1	1	1.371883
HS20_str_inv	BOBJ1	56.42	After	Interior Girder 4	0	0.95	1	1	1.371883
HS20_str_inv	BOBJ1	56.42	After	Interior Girder 5	0	0.95	1	1	1.674508
HS20_str_inv	BOBJ1	56.42	After	Interior Girder 6	0	0.95	1	1	1.710513
HS20_str_inv	BOBJ1	56.42	After	Right Exterior Girder	0	0.95	1	1	2.49108
HS20_str_inv	BOBJ1	60.92	Before	Interior Girder 1	4.5	0.95	1	1	2.933722
HS20_str_inv	BOBJ1	60.92	Before	Interior Girder 2	4.5	0.95	1	1	2.784564
HS20_str_inv	BOBJ1	60.92	Before	Interior Girder 3	4.5	0.95	1	1	2.523308
HS20_str_inv	BOBJ1	60.92	Before	Interior Girder 4	4.5	0.95	1	1	2.523308
HS20_str_inv	BOBJ1	60.92	Before	Interior Girder 5	4.5	0.95	1	1	2.784564
HS20_str_inv	BOBJ1	60.92	Before	Interior Girder 6	4.5	0.95	1	1	2.933722
HS20_str_inv	BOBJ1	60.92	After	Interior Girder 1	4.5	0.95	1	1	2.348212
HS20_str_inv	BOBJ1	60.92	After	Interior Girder 2	4.5	0.95	1	1	2.284127
HS20_str_inv	BOBJ1	60.92	After	Interior Girder 3	4.5	0.95	1	1	2.049724
HS20_str_inv	BOBJ1	60.92	After	Interior Girder 4	4.5	0.95	1	1	2.049724
HS20_str_inv	BOBJ1	60.92	After	Interior Girder 5	4.5	0.95	1	1	2.284127
HS20_str_inv	BOBJ1	60.92	After	Interior Girder 6	4.5	0.95	1	1	2.348212

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelINonCompStrgth-Flx - Approach, Span 7-11									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
HS20_str_inv	BOBJ1	63.42	Before	Left Exterior Girder	7	0.95	1	1	4.915321
HS20_str_inv	BOBJ1	63.42	Before	Right Exterior Girder	7	0.95	1	1	4.915321
HS20_str_inv	BOBJ1	63.42	After	Left Exterior Girder	7	0.95	1	1	2.698896
HS20_str_inv	BOBJ1	63.42	After	Right Exterior Girder	7	0.95	1	1	2.698896
HS20_str_inv	BOBJ1	64.845	Before	Left Exterior Girder	8.425	0.95	1	1	3.042354
HS20_str_inv	BOBJ1	64.845	Before	Interior Girder 1	8.425	0.95	1	1	3.028345
HS20_str_inv	BOBJ1	64.845	Before	Interior Girder 2	8.425	0.95	1	1	2.914786
HS20_str_inv	BOBJ1	64.845	Before	Interior Girder 3	8.425	0.95	1	1	2.81281
HS20_str_inv	BOBJ1	64.845	Before	Interior Girder 4	8.425	0.95	1	1	2.81281
HS20_str_inv	BOBJ1	64.845	Before	Interior Girder 5	8.425	0.95	1	1	2.914786
HS20_str_inv	BOBJ1	64.845	Before	Interior Girder 6	8.425	0.95	1	1	3.028345
HS20_str_inv	BOBJ1	64.845	Before	Right Exterior Girder	8.425	0.95	1	1	3.042354
HS20_str_inv	BOBJ1	64.845	After	Left Exterior Girder	8.425	0.95	1	1	3.006657
HS20_str_inv	BOBJ1	64.845	After	Interior Girder 1	8.425	0.95	1	1	3.066429
HS20_str_inv	BOBJ1	64.845	After	Interior Girder 2	8.425	0.95	1	1	2.948493
HS20_str_inv	BOBJ1	64.845	After	Interior Girder 3	8.425	0.95	1	1	2.830108
HS20_str_inv	BOBJ1	64.845	After	Interior Girder 4	8.425	0.95	1	1	2.830108
HS20_str_inv	BOBJ1	64.845	After	Interior Girder 5	8.425	0.95	1	1	2.948493
HS20_str_inv	BOBJ1	64.845	After	Interior Girder 6	8.425	0.95	1	1	3.066429
HS20_str_inv	BOBJ1	64.845	After	Right Exterior Girder	8.425	0.95	1	1	3.006657
HS20_str_inv	BOBJ1	69.92	Before	Left Exterior Girder	13.5	0.95	1	1	4.241226
HS20_str_inv	BOBJ1	69.92	Before	Interior Girder 1	13.5	0.95	1	1	3.686517
HS20_str_inv	BOBJ1	69.92	Before	Interior Girder 2	13.5	0.95	1	1	3.312819
HS20_str_inv	BOBJ1	69.92	Before	Interior Girder 3	13.5	0.95	1	1	3.213689
HS20_str_inv	BOBJ1	69.92	Before	Interior Girder 4	13.5	0.95	1	1	3.213689
HS20_str_inv	BOBJ1	69.92	Before	Interior Girder 5	13.5	0.95	1	1	3.312819
HS20_str_inv	BOBJ1	69.92	Before	Interior Girder 6	13.5	0.95	1	1	3.686517
HS20_str_inv	BOBJ1	69.92	Before	Right Exterior Girder	13.5	0.95	1	1	4.241226
HS20_str_inv	BOBJ1	69.92	After	Left Exterior Girder	13.5	0.95	1	1	3.625745
HS20_str_inv	BOBJ1	69.92	After	Interior Girder 1	13.5	0.95	1	1	3.446486
HS20_str_inv	BOBJ1	69.92	After	Interior Girder 2	13.5	0.95	1	1	3.109105
HS20_str_inv	BOBJ1	69.92	After	Interior Girder 3	13.5	0.95	1	1	3.053717
HS20_str_inv	BOBJ1	69.92	After	Interior Girder 4	13.5	0.95	1	1	3.053717
HS20_str_inv	BOBJ1	69.92	After	Interior Girder 5	13.5	0.95	1	1	3.109105
HS20_str_inv	BOBJ1	69.92	After	Interior Girder 6	13.5	0.95	1	1	3.446486
HS20_str_inv	BOBJ1	69.92	After	Right Exterior Girder	13.5	0.95	1	1	3.625745
HS20_str_inv	BOBJ1	73.27	Before	Left Exterior Girder	16.85	0.95	1	1	3.154239
HS20_str_inv	BOBJ1	73.27	Before	Interior Girder 1	16.85	0.95	1	1	2.653539
HS20_str_inv	BOBJ1	73.27	Before	Interior Girder 2	16.85	0.95	1	1	2.431855
HS20_str_inv	BOBJ1	73.27	Before	Interior Girder 3	16.85	0.95	1	1	2.349826
HS20_str_inv	BOBJ1	73.27	Before	Interior Girder 4	16.85	0.95	1	1	2.349826
HS20_str_inv	BOBJ1	73.27	Before	Interior Girder 5	16.85	0.95	1	1	2.431855
HS20_str_inv	BOBJ1	73.27	Before	Interior Girder 6	16.85	0.95	1	1	2.653539
HS20_str_inv	BOBJ1	73.27	Before	Right Exterior Girder	16.85	0.95	1	1	3.154239
HS20_str_inv	BOBJ1	73.27	After	Left Exterior Girder	16.85	0.95	1	1	3.233518
HS20_str_inv	BOBJ1	73.27	After	Interior Girder 1	16.85	0.95	1	1	2.608727
HS20_str_inv	BOBJ1	73.27	After	Interior Girder 2	16.85	0.95	1	1	2.41735
HS20_str_inv	BOBJ1	73.27	After	Interior Girder 3	16.85	0.95	1	1	2.366685
HS20_str_inv	BOBJ1	73.27	After	Interior Girder 4	16.85	0.95	1	1	2.366685
HS20_str_inv	BOBJ1	73.27	After	Interior Girder 5	16.85	0.95	1	1	2.41735
HS20_str_inv	BOBJ1	73.27	After	Interior Girder 6	16.85	0.95	1	1	2.608727
HS20_str_inv	BOBJ1	73.27	After	Right Exterior Girder	16.85	0.95	1	1	3.233518
HS20_str_inv	BOBJ1	81.695	Before	Left Exterior Girder	25.275	0.95	1	1	1.878325
HS20_str_inv	BOBJ1	81.695	Before	Interior Girder 1	25.275	0.95	1	1	1.551895
HS20_str_inv	BOBJ1	81.695	Before	Interior Girder 2	25.275	0.95	1	1	1.496146
HS20_str_inv	BOBJ1	81.695	Before	Interior Girder 3	25.275	0.95	1	1	1.445384
HS20_str_inv	BOBJ1	81.695	Before	Interior Girder 4	25.275	0.95	1	1	1.445384
HS20_str_inv	BOBJ1	81.695	Before	Interior Girder 5	25.275	0.95	1	1	1.496146
HS20_str_inv	BOBJ1	81.695	Before	Interior Girder 6	25.275	0.95	1	1	1.551895
HS20_str_inv	BOBJ1	81.695	Before	Right Exterior Girder	25.275	0.95	1	1	1.878325
HS20_str_inv	BOBJ1	81.695	After	Left Exterior Girder	25.275	0.95	1	1	1.912634
HS20_str_inv	BOBJ1	81.695	After	Interior Girder 1	25.275	0.95	1	1	1.53852
HS20_str_inv	BOBJ1	81.695	After	Interior Girder 2	25.275	0.95	1	1	1.493997
HS20_str_inv	BOBJ1	81.695	After	Interior Girder 3	25.275	0.95	1	1	1.460116
HS20_str_inv	BOBJ1	81.695	After	Interior Girder 4	25.275	0.95	1	1	1.460116

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelINonCompStrgth-Flx - Approach, Span 7-11									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
HS20_str_inv	BOBJ1	81.695	After	Interior Girder 5	25.275	0.95	1	1	1.493997
HS20_str_inv	BOBJ1	81.695	After	Interior Girder 6	25.275	0.95	1	1	1.53852
HS20_str_inv	BOBJ1	81.695	After	Right Exterior Girder	25.275	0.95	1	1	1.912634
HS20_str_inv	BOBJ1	90.12	Before	Left Exterior Girder	33.7	0.95	1	1	1.508547
HS20_str_inv	BOBJ1	90.12	Before	Interior Girder 1	33.7	0.95	1	1	1.434975
HS20_str_inv	BOBJ1	90.12	Before	Interior Girder 2	33.7	0.95	1	1	1.405276
HS20_str_inv	BOBJ1	90.12	Before	Interior Girder 3	33.7	0.95	1	1	1.401489
HS20_str_inv	BOBJ1	90.12	Before	Interior Girder 4	33.7	0.95	1	1	1.401489
HS20_str_inv	BOBJ1	90.12	Before	Interior Girder 5	33.7	0.95	1	1	1.405276
HS20_str_inv	BOBJ1	90.12	Before	Interior Girder 6	33.7	0.95	1	1	1.434975
HS20_str_inv	BOBJ1	90.12	Before	Right Exterior Girder	33.7	0.95	1	1	1.508547
HS20_str_inv	BOBJ1	90.12	After	Left Exterior Girder	33.7	0.95	1	1	1.510833
HS20_str_inv	BOBJ1	90.12	After	Interior Girder 1	33.7	0.95	1	1	1.434587
HS20_str_inv	BOBJ1	90.12	After	Interior Girder 2	33.7	0.95	1	1	1.403483
HS20_str_inv	BOBJ1	90.12	After	Interior Girder 3	33.7	0.95	1	1	1.400774
HS20_str_inv	BOBJ1	90.12	After	Interior Girder 4	33.7	0.95	1	1	1.400774
HS20_str_inv	BOBJ1	90.12	After	Interior Girder 5	33.7	0.95	1	1	1.403483
HS20_str_inv	BOBJ1	90.12	After	Interior Girder 6	33.7	0.95	1	1	1.434587
HS20_str_inv	BOBJ1	90.12	After	Right Exterior Girder	33.7	0.95	1	1	1.510833
HS20_str_inv	BOBJ1	98.545	Before	Left Exterior Girder	42.125	0.95	1	1	1.857084
HS20_str_inv	BOBJ1	98.545	Before	Interior Girder 1	42.125	0.95	1	1	1.514977
HS20_str_inv	BOBJ1	98.545	Before	Interior Girder 2	42.125	0.95	1	1	1.478016
HS20_str_inv	BOBJ1	98.545	Before	Interior Girder 3	42.125	0.95	1	1	1.445763
HS20_str_inv	BOBJ1	98.545	Before	Interior Girder 4	42.125	0.95	1	1	1.445763
HS20_str_inv	BOBJ1	98.545	Before	Interior Girder 5	42.125	0.95	1	1	1.478016
HS20_str_inv	BOBJ1	98.545	Before	Interior Girder 6	42.125	0.95	1	1	1.514977
HS20_str_inv	BOBJ1	98.545	Before	Right Exterior Girder	42.125	0.95	1	1	1.857084
HS20_str_inv	BOBJ1	98.545	After	Left Exterior Girder	42.125	0.95	1	1	1.828823
HS20_str_inv	BOBJ1	98.545	After	Interior Girder 1	42.125	0.95	1	1	1.526464
HS20_str_inv	BOBJ1	98.545	After	Interior Girder 2	42.125	0.95	1	1	1.478815
HS20_str_inv	BOBJ1	98.545	After	Interior Girder 3	42.125	0.95	1	1	1.430784
HS20_str_inv	BOBJ1	98.545	After	Interior Girder 4	42.125	0.95	1	1	1.430784
HS20_str_inv	BOBJ1	98.545	After	Interior Girder 5	42.125	0.95	1	1	1.478815
HS20_str_inv	BOBJ1	98.545	After	Interior Girder 6	42.125	0.95	1	1	1.526464
HS20_str_inv	BOBJ1	98.545	After	Right Exterior Girder	42.125	0.95	1	1	1.828823
HS20_str_inv	BOBJ1	106.97	Before	Left Exterior Girder	50.55	0.95	1	1	3.032333
HS20_str_inv	BOBJ1	106.97	Before	Interior Girder 1	50.55	0.95	1	1	2.527097
HS20_str_inv	BOBJ1	106.97	Before	Interior Girder 2	50.55	0.95	1	1	2.365348
HS20_str_inv	BOBJ1	106.97	Before	Interior Girder 3	50.55	0.95	1	1	2.331496
HS20_str_inv	BOBJ1	106.97	Before	Interior Girder 4	50.55	0.95	1	1	2.331496
HS20_str_inv	BOBJ1	106.97	Before	Interior Girder 5	50.55	0.95	1	1	2.365348
HS20_str_inv	BOBJ1	106.97	Before	Interior Girder 6	50.55	0.95	1	1	2.527097
HS20_str_inv	BOBJ1	106.97	Before	Right Exterior Girder	50.55	0.95	1	1	3.032333
HS20_str_inv	BOBJ1	106.97	After	Left Exterior Girder	50.55	0.95	1	1	2.949097
HS20_str_inv	BOBJ1	106.97	After	Interior Girder 1	50.55	0.95	1	1	2.572725
HS20_str_inv	BOBJ1	106.97	After	Interior Girder 2	50.55	0.95	1	1	2.36703
HS20_str_inv	BOBJ1	106.97	After	Interior Girder 3	50.55	0.95	1	1	2.293485
HS20_str_inv	BOBJ1	106.97	After	Interior Girder 4	50.55	0.95	1	1	2.293485
HS20_str_inv	BOBJ1	106.97	After	Interior Girder 5	50.55	0.95	1	1	2.36703
HS20_str_inv	BOBJ1	106.97	After	Interior Girder 6	50.55	0.95	1	1	2.572725
HS20_str_inv	BOBJ1	106.97	After	Right Exterior Girder	50.55	0.95	1	1	2.949097
HS20_str_inv	BOBJ1	115.405	Before	Left Exterior Girder	58.985	0.95	1	1	2.225423
HS20_str_inv	BOBJ1	115.405	Before	Interior Girder 1	58.985	0.95	1	1	2.513338
HS20_str_inv	BOBJ1	115.405	Before	Interior Girder 2	58.985	0.95	1	1	2.509367
HS20_str_inv	BOBJ1	115.405	Before	Interior Girder 3	58.985	0.95	1	1	2.432215
HS20_str_inv	BOBJ1	115.405	Before	Interior Girder 4	58.985	0.95	1	1	2.432215
HS20_str_inv	BOBJ1	115.405	Before	Interior Girder 5	58.985	0.95	1	1	2.509367
HS20_str_inv	BOBJ1	115.405	Before	Interior Girder 6	58.985	0.95	1	1	2.513338
HS20_str_inv	BOBJ1	115.405	Before	Right Exterior Girder	58.985	0.95	1	1	2.225423
HS20_str_inv	BOBJ1	115.405	After	Left Exterior Girder	58.985	0.95	1	1	2.290954
HS20_str_inv	BOBJ1	115.405	After	Interior Girder 1	58.985	0.95	1	1	2.458622
HS20_str_inv	BOBJ1	115.405	After	Interior Girder 2	58.985	0.95	1	1	2.482374
HS20_str_inv	BOBJ1	115.405	After	Interior Girder 3	58.985	0.95	1	1	2.426791
HS20_str_inv	BOBJ1	115.405	After	Interior Girder 4	58.985	0.95	1	1	2.426791
HS20_str_inv	BOBJ1	115.405	After	Interior Girder 5	58.985	0.95	1	1	2.482374

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelINonCompStrgth-Flx - Approach, Span 7-11									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
HS20_str_inv	BOBJ1	115.405	After	Interior Girder 6	58.985	0.95	1	1	2.458622
HS20_str_inv	BOBJ1	115.405	After	Right Exterior Girder	58.985	0.95	1	1	2.290954
HS20_str_inv	BOBJ1	116.34	Before	Left Exterior Girder	59.92	0.95	1	1	2.071306
HS20_str_inv	BOBJ1	116.34	Before	Right Exterior Girder	59.92	0.95	1	1	2.071306
HS20_str_inv	BOBJ1	116.34	After	Left Exterior Girder	59.92	0.95	1	1	4.340524
HS20_str_inv	BOBJ1	116.34	After	Right Exterior Girder	59.92	0.95	1	1	4.340524
HS20_str_inv	BOBJ1	118.84	Before	Interior Girder 1	62.42	0.95	1	1	1.978454
HS20_str_inv	BOBJ1	118.84	Before	Interior Girder 2	62.42	0.95	1	1	1.996261
HS20_str_inv	BOBJ1	118.84	Before	Interior Girder 3	62.42	0.95	1	1	1.857563
HS20_str_inv	BOBJ1	118.84	Before	Interior Girder 4	62.42	0.95	1	1	1.857563
HS20_str_inv	BOBJ1	118.84	Before	Interior Girder 5	62.42	0.95	1	1	1.996261
HS20_str_inv	BOBJ1	118.84	Before	Interior Girder 6	62.42	0.95	1	1	1.978454
HS20_str_inv	BOBJ1	118.84	After	Interior Girder 1	62.42	0.95	1	1	2.856657
HS20_str_inv	BOBJ1	118.84	After	Interior Girder 2	62.42	0.95	1	1	2.799078
HS20_str_inv	BOBJ1	118.84	After	Interior Girder 3	62.42	0.95	1	1	2.647999
HS20_str_inv	BOBJ1	118.84	After	Interior Girder 4	62.42	0.95	1	1	2.647999
HS20_str_inv	BOBJ1	118.84	After	Interior Girder 5	62.42	0.95	1	1	2.799078
HS20_str_inv	BOBJ1	118.84	After	Interior Girder 6	62.42	0.95	1	1	2.856657
HS20_str_inv	BOBJ1	123.84	Before	Left Exterior Girder	67.42	0.95	1	1	2.592311
HS20_str_inv	BOBJ1	123.84	Before	Interior Girder 1	67.42	0.95	1	1	1.934122
HS20_str_inv	BOBJ1	123.84	Before	Interior Girder 2	67.42	0.95	1	1	1.866534
HS20_str_inv	BOBJ1	123.84	Before	Interior Girder 3	67.42	0.95	1	1	1.513175
HS20_str_inv	BOBJ1	123.84	Before	Interior Girder 4	67.42	0.95	1	1	1.513175
HS20_str_inv	BOBJ1	123.84	Before	Interior Girder 5	67.42	0.95	1	1	1.866534
HS20_str_inv	BOBJ1	123.84	Before	Interior Girder 6	67.42	0.95	1	1	1.934122
HS20_str_inv	BOBJ1	123.84	Before	Right Exterior Girder	67.42	0.95	1	1	2.592311
HS20_str_inv	BOBJ1	123.84	After	Left Exterior Girder	0	0.95	1	1	2.56845
HS20_str_inv	BOBJ1	123.84	After	Interior Girder 1	0	0.95	1	1	1.904672
HS20_str_inv	BOBJ1	123.84	After	Interior Girder 2	0	0.95	1	1	1.860582
HS20_str_inv	BOBJ1	123.84	After	Interior Girder 3	0	0.95	1	1	1.508972
HS20_str_inv	BOBJ1	123.84	After	Interior Girder 4	0	0.95	1	1	1.508972
HS20_str_inv	BOBJ1	123.84	After	Interior Girder 5	0	0.95	1	1	1.860582
HS20_str_inv	BOBJ1	123.84	After	Interior Girder 6	0	0.95	1	1	1.904672
HS20_str_inv	BOBJ1	123.84	After	Right Exterior Girder	0	0.95	1	1	2.56845
HS20_str_inv	BOBJ1	128.84	Before	Interior Girder 1	5	0.95	1	1	2.923869
HS20_str_inv	BOBJ1	128.84	Before	Interior Girder 2	5	0.95	1	1	2.853289
HS20_str_inv	BOBJ1	128.84	Before	Interior Girder 3	5	0.95	1	1	2.683548
HS20_str_inv	BOBJ1	128.84	Before	Interior Girder 4	5	0.95	1	1	2.683548
HS20_str_inv	BOBJ1	128.84	Before	Interior Girder 5	5	0.95	1	1	2.853289
HS20_str_inv	BOBJ1	128.84	Before	Interior Girder 6	5	0.95	1	1	2.923869
HS20_str_inv	BOBJ1	128.84	After	Interior Girder 1	5	0.95	1	1	2.028582
HS20_str_inv	BOBJ1	128.84	After	Interior Girder 2	5	0.95	1	1	2.036666
HS20_str_inv	BOBJ1	128.84	After	Interior Girder 3	5	0.95	1	1	1.889945
HS20_str_inv	BOBJ1	128.84	After	Interior Girder 4	5	0.95	1	1	1.889945
HS20_str_inv	BOBJ1	128.84	After	Interior Girder 5	5	0.95	1	1	2.036666
HS20_str_inv	BOBJ1	128.84	After	Interior Girder 6	5	0.95	1	1	2.028582
HS20_str_inv	BOBJ1	131.34	Before	Left Exterior Girder	7.5	0.95	1	1	4.46926
HS20_str_inv	BOBJ1	131.34	Before	Right Exterior Girder	7.5	0.95	1	1	4.46926
HS20_str_inv	BOBJ1	131.34	After	Left Exterior Girder	7.5	0.95	1	1	2.135413
HS20_str_inv	BOBJ1	131.34	After	Right Exterior Girder	7.5	0.95	1	1	2.135413
HS20_str_inv	BOBJ1	132.265	Before	Left Exterior Girder	8.425	0.95	1	1	2.348931
HS20_str_inv	BOBJ1	132.265	Before	Interior Girder 1	8.425	0.95	1	1	2.518966
HS20_str_inv	BOBJ1	132.265	Before	Interior Girder 2	8.425	0.95	1	1	2.531447
HS20_str_inv	BOBJ1	132.265	Before	Interior Girder 3	8.425	0.95	1	1	2.469664
HS20_str_inv	BOBJ1	132.265	Before	Interior Girder 4	8.425	0.95	1	1	2.469664
HS20_str_inv	BOBJ1	132.265	Before	Interior Girder 5	8.425	0.95	1	1	2.531447
HS20_str_inv	BOBJ1	132.265	Before	Interior Girder 6	8.425	0.95	1	1	2.518966
HS20_str_inv	BOBJ1	132.265	Before	Right Exterior Girder	8.425	0.95	1	1	2.348931
HS20_str_inv	BOBJ1	132.265	After	Left Exterior Girder	8.425	0.95	1	1	2.281841
HS20_str_inv	BOBJ1	132.265	After	Interior Girder 1	8.425	0.95	1	1	2.574296
HS20_str_inv	BOBJ1	132.265	After	Interior Girder 2	8.425	0.95	1	1	2.559188
HS20_str_inv	BOBJ1	132.265	After	Interior Girder 3	8.425	0.95	1	1	2.476549
HS20_str_inv	BOBJ1	132.265	After	Interior Girder 4	8.425	0.95	1	1	2.476549
HS20_str_inv	BOBJ1	132.265	After	Interior Girder 5	8.425	0.95	1	1	2.559188
HS20_str_inv	BOBJ1	132.265	After	Interior Girder 6	8.425	0.95	1	1	2.574296

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelINonCompStrgth-Flx - Approach, Span 7-11									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
HS20_str_inv	BOBJ1	132.265	After	Right Exterior Girder	8.425	0.95	1	1	2.281841
HS20_str_inv	BOBJ1	140.69	Before	Left Exterior Girder	16.85	0.95	1	1	2.976818
HS20_str_inv	BOBJ1	140.69	Before	Interior Girder 1	16.85	0.95	1	1	2.579361
HS20_str_inv	BOBJ1	140.69	Before	Interior Girder 2	16.85	0.95	1	1	2.374035
HS20_str_inv	BOBJ1	140.69	Before	Interior Girder 3	16.85	0.95	1	1	2.302775
HS20_str_inv	BOBJ1	140.69	Before	Interior Girder 4	16.85	0.95	1	1	2.302775
HS20_str_inv	BOBJ1	140.69	Before	Interior Girder 5	16.85	0.95	1	1	2.374035
HS20_str_inv	BOBJ1	140.69	Before	Interior Girder 6	16.85	0.95	1	1	2.579361
HS20_str_inv	BOBJ1	140.69	Before	Right Exterior Girder	16.85	0.95	1	1	2.976818
HS20_str_inv	BOBJ1	140.69	After	Left Exterior Girder	16.85	0.95	1	1	3.062937
HS20_str_inv	BOBJ1	140.69	After	Interior Girder 1	16.85	0.95	1	1	2.534144
HS20_str_inv	BOBJ1	140.69	After	Interior Girder 2	16.85	0.95	1	1	2.371894
HS20_str_inv	BOBJ1	140.69	After	Interior Girder 3	16.85	0.95	1	1	2.340408
HS20_str_inv	BOBJ1	140.69	After	Interior Girder 4	16.85	0.95	1	1	2.340408
HS20_str_inv	BOBJ1	140.69	After	Interior Girder 5	16.85	0.95	1	1	2.371894
HS20_str_inv	BOBJ1	140.69	After	Interior Girder 6	16.85	0.95	1	1	2.534144
HS20_str_inv	BOBJ1	140.69	After	Right Exterior Girder	16.85	0.95	1	1	3.062937
HS20_str_inv	BOBJ1	149.115	Before	Left Exterior Girder	25.275	0.95	1	1	1.81904
HS20_str_inv	BOBJ1	149.115	Before	Interior Girder 1	25.275	0.95	1	1	1.516326
HS20_str_inv	BOBJ1	149.115	Before	Interior Girder 2	25.275	0.95	1	1	1.472527
HS20_str_inv	BOBJ1	149.115	Before	Interior Girder 3	25.275	0.95	1	1	1.428756
HS20_str_inv	BOBJ1	149.115	Before	Interior Girder 4	25.275	0.95	1	1	1.428756
HS20_str_inv	BOBJ1	149.115	Before	Interior Girder 5	25.275	0.95	1	1	1.472527
HS20_str_inv	BOBJ1	149.115	Before	Interior Girder 6	25.275	0.95	1	1	1.516326
HS20_str_inv	BOBJ1	149.115	Before	Right Exterior Girder	25.275	0.95	1	1	1.81904
HS20_str_inv	BOBJ1	149.115	After	Left Exterior Girder	25.275	0.95	1	1	1.848776
HS20_str_inv	BOBJ1	149.115	After	Interior Girder 1	25.275	0.95	1	1	1.505145
HS20_str_inv	BOBJ1	149.115	After	Interior Girder 2	25.275	0.95	1	1	1.471181
HS20_str_inv	BOBJ1	149.115	After	Interior Girder 3	25.275	0.95	1	1	1.443444
HS20_str_inv	BOBJ1	149.115	After	Interior Girder 4	25.275	0.95	1	1	1.443444
HS20_str_inv	BOBJ1	149.115	After	Interior Girder 5	25.275	0.95	1	1	1.471181
HS20_str_inv	BOBJ1	149.115	After	Interior Girder 6	25.275	0.95	1	1	1.505145
HS20_str_inv	BOBJ1	149.115	After	Right Exterior Girder	25.275	0.95	1	1	1.848776
HS20_str_inv	BOBJ1	157.54	Before	Left Exterior Girder	33.7	0.95	1	1	1.48498
HS20_str_inv	BOBJ1	157.54	Before	Interior Girder 1	33.7	0.95	1	1	1.411596
HS20_str_inv	BOBJ1	157.54	Before	Interior Girder 2	33.7	0.95	1	1	1.390076
HS20_str_inv	BOBJ1	157.54	Before	Interior Girder 3	33.7	0.95	1	1	1.392871
HS20_str_inv	BOBJ1	157.54	Before	Interior Girder 4	33.7	0.95	1	1	1.392871
HS20_str_inv	BOBJ1	157.54	Before	Interior Girder 5	33.7	0.95	1	1	1.390076
HS20_str_inv	BOBJ1	157.54	Before	Interior Girder 6	33.7	0.95	1	1	1.411596
HS20_str_inv	BOBJ1	157.54	Before	Right Exterior Girder	33.7	0.95	1	1	1.48498
HS20_str_inv	BOBJ1	157.54	After	Left Exterior Girder	33.7	0.95	1	1	1.485161
HS20_str_inv	BOBJ1	157.54	After	Interior Girder 1	33.7	0.95	1	1	1.411574
HS20_str_inv	BOBJ1	157.54	After	Interior Girder 2	33.7	0.95	1	1	1.390024
HS20_str_inv	BOBJ1	157.54	After	Interior Girder 3	33.7	0.95	1	1	1.392931
HS20_str_inv	BOBJ1	157.54	After	Interior Girder 4	33.7	0.95	1	1	1.392931
HS20_str_inv	BOBJ1	157.54	After	Interior Girder 5	33.7	0.95	1	1	1.390024
HS20_str_inv	BOBJ1	157.54	After	Interior Girder 6	33.7	0.95	1	1	1.411574
HS20_str_inv	BOBJ1	157.54	After	Right Exterior Girder	33.7	0.95	1	1	1.485161
HS20_str_inv	BOBJ1	165.965	Before	Left Exterior Girder	42.125	0.95	1	1	1.847177
HS20_str_inv	BOBJ1	165.965	Before	Interior Girder 1	42.125	0.95	1	1	1.504496
HS20_str_inv	BOBJ1	165.965	Before	Interior Girder 2	42.125	0.95	1	1	1.47057
HS20_str_inv	BOBJ1	165.965	Before	Interior Girder 3	42.125	0.95	1	1	1.442731
HS20_str_inv	BOBJ1	165.965	Before	Interior Girder 4	42.125	0.95	1	1	1.442731
HS20_str_inv	BOBJ1	165.965	Before	Interior Girder 5	42.125	0.95	1	1	1.47057
HS20_str_inv	BOBJ1	165.965	Before	Interior Girder 6	42.125	0.95	1	1	1.504496
HS20_str_inv	BOBJ1	165.965	Before	Right Exterior Girder	42.125	0.95	1	1	1.847177
HS20_str_inv	BOBJ1	165.965	After	Left Exterior Girder	42.125	0.95	1	1	1.817665
HS20_str_inv	BOBJ1	165.965	After	Interior Girder 1	42.125	0.95	1	1	1.515606
HS20_str_inv	BOBJ1	165.965	After	Interior Girder 2	42.125	0.95	1	1	1.471898
HS20_str_inv	BOBJ1	165.965	After	Interior Girder 3	42.125	0.95	1	1	1.428115
HS20_str_inv	BOBJ1	165.965	After	Interior Girder 4	42.125	0.95	1	1	1.428115
HS20_str_inv	BOBJ1	165.965	After	Interior Girder 5	42.125	0.95	1	1	1.471898
HS20_str_inv	BOBJ1	165.965	After	Interior Girder 6	42.125	0.95	1	1	1.515606
HS20_str_inv	BOBJ1	165.965	After	Right Exterior Girder	42.125	0.95	1	1	1.817665

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelINonCompStrgth-Flx - Approach, Span 7-11									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
HS20_str_inv	BOBJ1	174.39	Before	Left Exterior Girder	50.55	0.95	1	1	3.056341
HS20_str_inv	BOBJ1	174.39	Before	Interior Girder 1	50.55	0.95	1	1	2.531134
HS20_str_inv	BOBJ1	174.39	Before	Interior Girder 2	50.55	0.95	1	1	2.369419
HS20_str_inv	BOBJ1	174.39	Before	Interior Girder 3	50.55	0.95	1	1	2.337481
HS20_str_inv	BOBJ1	174.39	Before	Interior Girder 4	50.55	0.95	1	1	2.337481
HS20_str_inv	BOBJ1	174.39	Before	Interior Girder 5	50.55	0.95	1	1	2.369419
HS20_str_inv	BOBJ1	174.39	Before	Interior Girder 6	50.55	0.95	1	1	2.531134
HS20_str_inv	BOBJ1	174.39	Before	Right Exterior Girder	50.55	0.95	1	1	3.056341
HS20_str_inv	BOBJ1	174.39	After	Left Exterior Girder	50.55	0.95	1	1	2.970622
HS20_str_inv	BOBJ1	174.39	After	Interior Girder 1	50.55	0.95	1	1	2.576354
HS20_str_inv	BOBJ1	174.39	After	Interior Girder 2	50.55	0.95	1	1	2.371606
HS20_str_inv	BOBJ1	174.39	After	Interior Girder 3	50.55	0.95	1	1	2.299967
HS20_str_inv	BOBJ1	174.39	After	Interior Girder 4	50.55	0.95	1	1	2.299967
HS20_str_inv	BOBJ1	174.39	After	Interior Girder 5	50.55	0.95	1	1	2.371606
HS20_str_inv	BOBJ1	174.39	After	Interior Girder 6	50.55	0.95	1	1	2.576354
HS20_str_inv	BOBJ1	174.39	After	Right Exterior Girder	50.55	0.95	1	1	2.970622
HS20_str_inv	BOBJ1	182.825	Before	Left Exterior Girder	58.985	0.95	1	1	2.283471
HS20_str_inv	BOBJ1	182.825	Before	Interior Girder 1	58.985	0.95	1	1	2.571993
HS20_str_inv	BOBJ1	182.825	Before	Interior Girder 2	58.985	0.95	1	1	2.556584
HS20_str_inv	BOBJ1	182.825	Before	Interior Girder 3	58.985	0.95	1	1	2.47715
HS20_str_inv	BOBJ1	182.825	Before	Interior Girder 4	58.985	0.95	1	1	2.47715
HS20_str_inv	BOBJ1	182.825	Before	Interior Girder 5	58.985	0.95	1	1	2.556584
HS20_str_inv	BOBJ1	182.825	Before	Interior Girder 6	58.985	0.95	1	1	2.571993
HS20_str_inv	BOBJ1	182.825	Before	Right Exterior Girder	58.985	0.95	1	1	2.283471
HS20_str_inv	BOBJ1	182.825	After	Left Exterior Girder	58.985	0.95	1	1	2.350756
HS20_str_inv	BOBJ1	182.825	After	Interior Girder 1	58.985	0.95	1	1	2.516684
HS20_str_inv	BOBJ1	182.825	After	Interior Girder 2	58.985	0.95	1	1	2.528757
HS20_str_inv	BOBJ1	182.825	After	Interior Girder 3	58.985	0.95	1	1	2.470521
HS20_str_inv	BOBJ1	182.825	After	Interior Girder 4	58.985	0.95	1	1	2.470521
HS20_str_inv	BOBJ1	182.825	After	Interior Girder 5	58.985	0.95	1	1	2.528757
HS20_str_inv	BOBJ1	182.825	After	Interior Girder 6	58.985	0.95	1	1	2.516684
HS20_str_inv	BOBJ1	182.825	After	Right Exterior Girder	58.985	0.95	1	1	2.350756
HS20_str_inv	BOBJ1	183.76	Before	Left Exterior Girder	59.92	0.95	1	1	2.125638
HS20_str_inv	BOBJ1	183.76	Before	Right Exterior Girder	59.92	0.95	1	1	2.125638
HS20_str_inv	BOBJ1	183.76	After	Left Exterior Girder	59.92	0.95	1	1	4.454528
HS20_str_inv	BOBJ1	183.76	After	Right Exterior Girder	59.92	0.95	1	1	4.454528
HS20_str_inv	BOBJ1	186.26	Before	Interior Girder 1	62.42	0.95	1	1	2.024348
HS20_str_inv	BOBJ1	186.26	Before	Interior Girder 2	62.42	0.95	1	1	2.032486
HS20_str_inv	BOBJ1	186.26	Before	Interior Girder 3	62.42	0.95	1	1	1.889453
HS20_str_inv	BOBJ1	186.26	Before	Interior Girder 4	62.42	0.95	1	1	1.889453
HS20_str_inv	BOBJ1	186.26	Before	Interior Girder 5	62.42	0.95	1	1	2.032486
HS20_str_inv	BOBJ1	186.26	Before	Interior Girder 6	62.42	0.95	1	1	2.024348
HS20_str_inv	BOBJ1	186.26	After	Interior Girder 1	62.42	0.95	1	1	2.918873
HS20_str_inv	BOBJ1	186.26	After	Interior Girder 2	62.42	0.95	1	1	2.848303
HS20_str_inv	BOBJ1	186.26	After	Interior Girder 3	62.42	0.95	1	1	2.68342
HS20_str_inv	BOBJ1	186.26	After	Interior Girder 4	62.42	0.95	1	1	2.68342
HS20_str_inv	BOBJ1	186.26	After	Interior Girder 5	62.42	0.95	1	1	2.848303
HS20_str_inv	BOBJ1	186.26	After	Interior Girder 6	62.42	0.95	1	1	2.918873
HS20_str_inv	BOBJ1	191.26	Before	Left Exterior Girder	67.42	0.95	1	1	2.568183
HS20_str_inv	BOBJ1	191.26	Before	Interior Girder 1	67.42	0.95	1	1	1.899767
HS20_str_inv	BOBJ1	191.26	Before	Interior Girder 2	67.42	0.95	1	1	1.85484
HS20_str_inv	BOBJ1	191.26	Before	Interior Girder 3	67.42	0.95	1	1	1.508086
HS20_str_inv	BOBJ1	191.26	Before	Interior Girder 4	67.42	0.95	1	1	1.508086
HS20_str_inv	BOBJ1	191.26	Before	Interior Girder 5	67.42	0.95	1	1	1.85484
HS20_str_inv	BOBJ1	191.26	Before	Interior Girder 6	67.42	0.95	1	1	1.899767
HS20_str_inv	BOBJ1	191.26	Before	Right Exterior Girder	67.42	0.95	1	1	2.568183
HS20_str_inv	BOBJ1	191.26	After	Left Exterior Girder	0	0.95	1	1	2.588706
HS20_str_inv	BOBJ1	191.26	After	Interior Girder 1	0	0.95	1	1	1.936475
HS20_str_inv	BOBJ1	191.26	After	Interior Girder 2	0	0.95	1	1	1.870303
HS20_str_inv	BOBJ1	191.26	After	Interior Girder 3	0	0.95	1	1	1.512724
HS20_str_inv	BOBJ1	191.26	After	Interior Girder 4	0	0.95	1	1	1.512724
HS20_str_inv	BOBJ1	191.26	After	Interior Girder 5	0	0.95	1	1	1.870303
HS20_str_inv	BOBJ1	191.26	After	Interior Girder 6	0	0.95	1	1	1.936475
HS20_str_inv	BOBJ1	191.26	After	Right Exterior Girder	0	0.95	1	1	2.588706
HS20_str_inv	BOBJ1	196.26	Before	Interior Girder 1	5	0.95	1	1	2.859059

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelINonCompStrgth-Flx - Approach, Span 7-11									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
HS20_str_inv	BOBJ1	196.26	Before	Interior Girder 2	5	0.95	1	1	2.802244
HS20_str_inv	BOBJ1	196.26	Before	Interior Girder 3	5	0.95	1	1	2.6467
HS20_str_inv	BOBJ1	196.26	Before	Interior Girder 4	5	0.95	1	1	2.6467
HS20_str_inv	BOBJ1	196.26	Before	Interior Girder 5	5	0.95	1	1	2.802244
HS20_str_inv	BOBJ1	196.26	Before	Interior Girder 6	5	0.95	1	1	2.859059
HS20_str_inv	BOBJ1	196.26	After	Interior Girder 1	5	0.95	1	1	1.980065
HS20_str_inv	BOBJ1	196.26	After	Interior Girder 2	5	0.95	1	1	1.998625
HS20_str_inv	BOBJ1	196.26	After	Interior Girder 3	5	0.95	1	1	1.856682
HS20_str_inv	BOBJ1	196.26	After	Interior Girder 4	5	0.95	1	1	1.856682
HS20_str_inv	BOBJ1	196.26	After	Interior Girder 5	5	0.95	1	1	1.998625
HS20_str_inv	BOBJ1	196.26	After	Interior Girder 6	5	0.95	1	1	1.980065
HS20_str_inv	BOBJ1	198.76	Before	Left Exterior Girder	7.5	0.95	1	1	4.351987
HS20_str_inv	BOBJ1	198.76	Before	Right Exterior Girder	7.5	0.95	1	1	4.351987
HS20_str_inv	BOBJ1	198.76	After	Left Exterior Girder	7.5	0.95	1	1	2.077871
HS20_str_inv	BOBJ1	198.76	After	Right Exterior Girder	7.5	0.95	1	1	2.077871
HS20_str_inv	BOBJ1	199.685	Before	Left Exterior Girder	8.425	0.95	1	1	2.286377
HS20_str_inv	BOBJ1	199.685	Before	Interior Girder 1	8.425	0.95	1	1	2.458664
HS20_str_inv	BOBJ1	199.685	Before	Interior Girder 2	8.425	0.95	1	1	2.483482
HS20_str_inv	BOBJ1	199.685	Before	Interior Girder 3	8.425	0.95	1	1	2.424689
HS20_str_inv	BOBJ1	199.685	Before	Interior Girder 4	8.425	0.95	1	1	2.424689
HS20_str_inv	BOBJ1	199.685	Before	Interior Girder 5	8.425	0.95	1	1	2.483482
HS20_str_inv	BOBJ1	199.685	Before	Interior Girder 6	8.425	0.95	1	1	2.458664
HS20_str_inv	BOBJ1	199.685	Before	Right Exterior Girder	8.425	0.95	1	1	2.286377
HS20_str_inv	BOBJ1	199.685	After	Left Exterior Girder	8.425	0.95	1	1	2.220876
HS20_str_inv	BOBJ1	199.685	After	Interior Girder 1	8.425	0.95	1	1	2.513443
HS20_str_inv	BOBJ1	199.685	After	Interior Girder 2	8.425	0.95	1	1	2.510425
HS20_str_inv	BOBJ1	199.685	After	Interior Girder 3	8.425	0.95	1	1	2.430414
HS20_str_inv	BOBJ1	199.685	After	Interior Girder 4	8.425	0.95	1	1	2.430414
HS20_str_inv	BOBJ1	199.685	After	Interior Girder 5	8.425	0.95	1	1	2.510425
HS20_str_inv	BOBJ1	199.685	After	Interior Girder 6	8.425	0.95	1	1	2.513443
HS20_str_inv	BOBJ1	199.685	After	Right Exterior Girder	8.425	0.95	1	1	2.220876
HS20_str_inv	BOBJ1	208.11	Before	Left Exterior Girder	16.85	0.95	1	1	2.955922
HS20_str_inv	BOBJ1	208.11	Before	Interior Girder 1	16.85	0.95	1	1	2.576264
HS20_str_inv	BOBJ1	208.11	Before	Interior Girder 2	16.85	0.95	1	1	2.36979
HS20_str_inv	BOBJ1	208.11	Before	Interior Girder 3	16.85	0.95	1	1	2.296546
HS20_str_inv	BOBJ1	208.11	Before	Interior Girder 4	16.85	0.95	1	1	2.296546
HS20_str_inv	BOBJ1	208.11	Before	Interior Girder 5	16.85	0.95	1	1	2.36979
HS20_str_inv	BOBJ1	208.11	Before	Interior Girder 6	16.85	0.95	1	1	2.576264
HS20_str_inv	BOBJ1	208.11	Before	Right Exterior Girder	16.85	0.95	1	1	2.955922
HS20_str_inv	BOBJ1	208.11	After	Left Exterior Girder	16.85	0.95	1	1	3.039722
HS20_str_inv	BOBJ1	208.11	After	Interior Girder 1	16.85	0.95	1	1	2.530534
HS20_str_inv	BOBJ1	208.11	After	Interior Girder 2	16.85	0.95	1	1	2.368093
HS20_str_inv	BOBJ1	208.11	After	Interior Girder 3	16.85	0.95	1	1	2.334601
HS20_str_inv	BOBJ1	208.11	After	Interior Girder 4	16.85	0.95	1	1	2.334601
HS20_str_inv	BOBJ1	208.11	After	Interior Girder 5	16.85	0.95	1	1	2.368093
HS20_str_inv	BOBJ1	208.11	After	Interior Girder 6	16.85	0.95	1	1	2.530534
HS20_str_inv	BOBJ1	208.11	After	Right Exterior Girder	16.85	0.95	1	1	3.039722
HS20_str_inv	BOBJ1	216.535	Before	Left Exterior Girder	25.275	0.95	1	1	1.82972
HS20_str_inv	BOBJ1	216.535	Before	Interior Girder 1	25.275	0.95	1	1	1.526812
HS20_str_inv	BOBJ1	216.535	Before	Interior Girder 2	25.275	0.95	1	1	1.479177
HS20_str_inv	BOBJ1	216.535	Before	Interior Girder 3	25.275	0.95	1	1	1.431225
HS20_str_inv	BOBJ1	216.535	Before	Interior Girder 4	25.275	0.95	1	1	1.431225
HS20_str_inv	BOBJ1	216.535	Before	Interior Girder 5	25.275	0.95	1	1	1.479177
HS20_str_inv	BOBJ1	216.535	Before	Interior Girder 6	25.275	0.95	1	1	1.526812
HS20_str_inv	BOBJ1	216.535	Before	Right Exterior Girder	25.275	0.95	1	1	1.82972
HS20_str_inv	BOBJ1	216.535	After	Left Exterior Girder	25.275	0.95	1	1	1.858399
HS20_str_inv	BOBJ1	216.535	After	Interior Girder 1	25.275	0.95	1	1	1.51524
HS20_str_inv	BOBJ1	216.535	After	Interior Girder 2	25.275	0.95	1	1	1.478296
HS20_str_inv	BOBJ1	216.535	After	Interior Girder 3	25.275	0.95	1	1	1.446196
HS20_str_inv	BOBJ1	216.535	After	Interior Girder 4	25.275	0.95	1	1	1.446196
HS20_str_inv	BOBJ1	216.535	After	Interior Girder 5	25.275	0.95	1	1	1.478296
HS20_str_inv	BOBJ1	216.535	After	Interior Girder 6	25.275	0.95	1	1	1.51524
HS20_str_inv	BOBJ1	216.535	After	Right Exterior Girder	25.275	0.95	1	1	1.858399
HS20_str_inv	BOBJ1	224.96	Before	Left Exterior Girder	33.7	0.95	1	1	1.50926
HS20_str_inv	BOBJ1	224.96	Before	Interior Girder 1	33.7	0.95	1	1	1.433466

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Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
HS20_str_inv	BOBJ1	224.96	Before	Interior Girder 2	33.7	0.95	1	1	1.402733
HS20_str_inv	BOBJ1	224.96	Before	Interior Girder 3	33.7	0.95	1	1	1.400076
HS20_str_inv	BOBJ1	224.96	Before	Interior Girder 4	33.7	0.95	1	1	1.400076
HS20_str_inv	BOBJ1	224.96	Before	Interior Girder 5	33.7	0.95	1	1	1.402733
HS20_str_inv	BOBJ1	224.96	Before	Interior Girder 6	33.7	0.95	1	1	1.433466
HS20_str_inv	BOBJ1	224.96	Before	Right Exterior Girder	33.7	0.95	1	1	1.50926
HS20_str_inv	BOBJ1	224.96	After	Left Exterior Girder	33.7	0.95	1	1	1.507503
HS20_str_inv	BOBJ1	224.96	After	Interior Girder 1	33.7	0.95	1	1	1.433867
HS20_str_inv	BOBJ1	224.96	After	Interior Girder 2	33.7	0.95	1	1	1.404353
HS20_str_inv	BOBJ1	224.96	After	Interior Girder 3	33.7	0.95	1	1	1.400859
HS20_str_inv	BOBJ1	224.96	After	Interior Girder 4	33.7	0.95	1	1	1.400859
HS20_str_inv	BOBJ1	224.96	After	Interior Girder 5	33.7	0.95	1	1	1.404353
HS20_str_inv	BOBJ1	224.96	After	Interior Girder 6	33.7	0.95	1	1	1.433867
HS20_str_inv	BOBJ1	224.96	After	Right Exterior Girder	33.7	0.95	1	1	1.507503
HS20_str_inv	BOBJ1	233.385	Before	Left Exterior Girder	42.125	0.95	1	1	1.907921
HS20_str_inv	BOBJ1	233.385	Before	Interior Girder 1	42.125	0.95	1	1	1.535985
HS20_str_inv	BOBJ1	233.385	Before	Interior Girder 2	42.125	0.95	1	1	1.492128
HS20_str_inv	BOBJ1	233.385	Before	Interior Girder 3	42.125	0.95	1	1	1.458441
HS20_str_inv	BOBJ1	233.385	Before	Interior Girder 4	42.125	0.95	1	1	1.458441
HS20_str_inv	BOBJ1	233.385	Before	Interior Girder 5	42.125	0.95	1	1	1.492128
HS20_str_inv	BOBJ1	233.385	Before	Interior Girder 6	42.125	0.95	1	1	1.535985
HS20_str_inv	BOBJ1	233.385	Before	Right Exterior Girder	42.125	0.95	1	1	1.907921
HS20_str_inv	BOBJ1	233.385	After	Left Exterior Girder	42.125	0.95	1	1	1.874104
HS20_str_inv	BOBJ1	233.385	After	Interior Girder 1	42.125	0.95	1	1	1.549231
HS20_str_inv	BOBJ1	233.385	After	Interior Girder 2	42.125	0.95	1	1	1.494188
HS20_str_inv	BOBJ1	233.385	After	Interior Girder 3	42.125	0.95	1	1	1.443746
HS20_str_inv	BOBJ1	233.385	After	Interior Girder 4	42.125	0.95	1	1	1.443746
HS20_str_inv	BOBJ1	233.385	After	Interior Girder 5	42.125	0.95	1	1	1.494188
HS20_str_inv	BOBJ1	233.385	After	Interior Girder 6	42.125	0.95	1	1	1.549231
HS20_str_inv	BOBJ1	233.385	After	Right Exterior Girder	42.125	0.95	1	1	1.874104
HS20_str_inv	BOBJ1	241.81	Before	Left Exterior Girder	50.55	0.95	1	1	3.220077
HS20_str_inv	BOBJ1	241.81	Before	Interior Girder 1	50.55	0.95	1	1	2.601715
HS20_str_inv	BOBJ1	241.81	Before	Interior Girder 2	50.55	0.95	1	1	2.412415
HS20_str_inv	BOBJ1	241.81	Before	Interior Girder 3	50.55	0.95	1	1	2.361832
HS20_str_inv	BOBJ1	241.81	Before	Interior Girder 4	50.55	0.95	1	1	2.361832
HS20_str_inv	BOBJ1	241.81	Before	Interior Girder 5	50.55	0.95	1	1	2.412415
HS20_str_inv	BOBJ1	241.81	Before	Interior Girder 6	50.55	0.95	1	1	2.601715
HS20_str_inv	BOBJ1	241.81	Before	Right Exterior Girder	50.55	0.95	1	1	3.220077
HS20_str_inv	BOBJ1	241.81	After	Left Exterior Girder	50.55	0.95	1	1	3.14156
HS20_str_inv	BOBJ1	241.81	After	Interior Girder 1	50.55	0.95	1	1	2.646252
HS20_str_inv	BOBJ1	241.81	After	Interior Girder 2	50.55	0.95	1	1	2.426772
HS20_str_inv	BOBJ1	241.81	After	Interior Girder 3	50.55	0.95	1	1	2.344949
HS20_str_inv	BOBJ1	241.81	After	Interior Girder 4	50.55	0.95	1	1	2.344949
HS20_str_inv	BOBJ1	241.81	After	Interior Girder 5	50.55	0.95	1	1	2.426772
HS20_str_inv	BOBJ1	241.81	After	Interior Girder 6	50.55	0.95	1	1	2.646252
HS20_str_inv	BOBJ1	241.81	After	Right Exterior Girder	50.55	0.95	1	1	3.14156
HS20_str_inv	BOBJ1	245.18	Before	Left Exterior Girder	53.92	0.95	1	1	3.633984
HS20_str_inv	BOBJ1	245.18	Before	Interior Girder 1	53.92	0.95	1	1	3.442671
HS20_str_inv	BOBJ1	245.18	Before	Interior Girder 2	53.92	0.95	1	1	3.107548
HS20_str_inv	BOBJ1	245.18	Before	Interior Girder 3	53.92	0.95	1	1	3.05111
HS20_str_inv	BOBJ1	245.18	Before	Interior Girder 4	53.92	0.95	1	1	3.05111
HS20_str_inv	BOBJ1	245.18	Before	Interior Girder 5	53.92	0.95	1	1	3.107548
HS20_str_inv	BOBJ1	245.18	Before	Interior Girder 6	53.92	0.95	1	1	3.442671
HS20_str_inv	BOBJ1	245.18	Before	Right Exterior Girder	53.92	0.95	1	1	3.633984
HS20_str_inv	BOBJ1	245.18	After	Left Exterior Girder	53.92	0.95	1	1	4.249517
HS20_str_inv	BOBJ1	245.18	After	Interior Girder 1	53.92	0.95	1	1	3.682782
HS20_str_inv	BOBJ1	245.18	After	Interior Girder 2	53.92	0.95	1	1	3.311383
HS20_str_inv	BOBJ1	245.18	After	Interior Girder 3	53.92	0.95	1	1	3.211125
HS20_str_inv	BOBJ1	245.18	After	Interior Girder 4	53.92	0.95	1	1	3.211125
HS20_str_inv	BOBJ1	245.18	After	Interior Girder 5	53.92	0.95	1	1	3.311383
HS20_str_inv	BOBJ1	245.18	After	Interior Girder 6	53.92	0.95	1	1	3.682782
HS20_str_inv	BOBJ1	245.18	After	Right Exterior Girder	53.92	0.95	1	1	4.249517
HS20_str_inv	BOBJ1	250.245	Before	Left Exterior Girder	58.985	0.95	1	1	3.018762
HS20_str_inv	BOBJ1	250.245	Before	Interior Girder 1	58.985	0.95	1	1	3.069957
HS20_str_inv	BOBJ1	250.245	Before	Interior Girder 2	58.985	0.95	1	1	2.949012

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Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
HS20_str_inv	BOBJ1	250.245	Before	Interior Girder 3	58.985	0.95	1	1	2.833342
HS20_str_inv	BOBJ1	250.245	Before	Interior Girder 4	58.985	0.95	1	1	2.833342
HS20_str_inv	BOBJ1	250.245	Before	Interior Girder 5	58.985	0.95	1	1	2.949012
HS20_str_inv	BOBJ1	250.245	Before	Interior Girder 6	58.985	0.95	1	1	3.069957
HS20_str_inv	BOBJ1	250.245	Before	Right Exterior Girder	58.985	0.95	1	1	3.018762
HS20_str_inv	BOBJ1	250.245	After	Left Exterior Girder	58.985	0.95	1	1	3.054376
HS20_str_inv	BOBJ1	250.245	After	Interior Girder 1	58.985	0.95	1	1	3.032184
HS20_str_inv	BOBJ1	250.245	After	Interior Girder 2	58.985	0.95	1	1	2.915311
HS20_str_inv	BOBJ1	250.245	After	Interior Girder 3	58.985	0.95	1	1	2.816327
HS20_str_inv	BOBJ1	250.245	After	Interior Girder 4	58.985	0.95	1	1	2.816327
HS20_str_inv	BOBJ1	250.245	After	Interior Girder 5	58.985	0.95	1	1	2.915311
HS20_str_inv	BOBJ1	250.245	After	Interior Girder 6	58.985	0.95	1	1	3.032184
HS20_str_inv	BOBJ1	250.245	After	Right Exterior Girder	58.985	0.95	1	1	3.054376
HS20_str_inv	BOBJ1	251.68	Before	Left Exterior Girder	60.42	0.95	1	1	2.708836
HS20_str_inv	BOBJ1	251.68	Before	Right Exterior Girder	60.42	0.95	1	1	2.708836
HS20_str_inv	BOBJ1	251.68	After	Left Exterior Girder	60.42	0.95	1	1	4.925401
HS20_str_inv	BOBJ1	251.68	After	Right Exterior Girder	60.42	0.95	1	1	4.925401
HS20_str_inv	BOBJ1	254.18	Before	Interior Girder 1	62.92	0.95	1	1	2.349749
HS20_str_inv	BOBJ1	254.18	Before	Interior Girder 2	62.92	0.95	1	1	2.28292
HS20_str_inv	BOBJ1	254.18	Before	Interior Girder 3	62.92	0.95	1	1	2.051513
HS20_str_inv	BOBJ1	254.18	Before	Interior Girder 4	62.92	0.95	1	1	2.051513
HS20_str_inv	BOBJ1	254.18	Before	Interior Girder 5	62.92	0.95	1	1	2.28292
HS20_str_inv	BOBJ1	254.18	Before	Interior Girder 6	62.92	0.95	1	1	2.349749
HS20_str_inv	BOBJ1	254.18	After	Interior Girder 1	62.92	0.95	1	1	2.934673
HS20_str_inv	BOBJ1	254.18	After	Interior Girder 2	62.92	0.95	1	1	2.782745
HS20_str_inv	BOBJ1	254.18	After	Interior Girder 3	62.92	0.95	1	1	2.525636
HS20_str_inv	BOBJ1	254.18	After	Interior Girder 4	62.92	0.95	1	1	2.525636
HS20_str_inv	BOBJ1	254.18	After	Interior Girder 5	62.92	0.95	1	1	2.782745
HS20_str_inv	BOBJ1	254.18	After	Interior Girder 6	62.92	0.95	1	1	2.934673
HS20_str_inv	BOBJ1	258.68	Before	Left Exterior Girder	67.42	0.95	1	1	2.500706
HS20_str_inv	BOBJ1	258.68	Before	Interior Girder 1	67.42	0.95	1	1	1.71101
HS20_str_inv	BOBJ1	258.68	Before	Interior Girder 2	67.42	0.95	1	1	1.672358
HS20_str_inv	BOBJ1	258.68	Before	Interior Girder 3	67.42	0.95	1	1	1.373204
HS20_str_inv	BOBJ1	258.68	Before	Interior Girder 4	67.42	0.95	1	1	1.373204
HS20_str_inv	BOBJ1	258.68	Before	Interior Girder 5	67.42	0.95	1	1	1.672358
HS20_str_inv	BOBJ1	258.68	Before	Interior Girder 6	67.42	0.95	1	1	1.71101
HS20_str_inv	BOBJ1	258.68	Before	Right Exterior Girder	67.42	0.95	1	1	2.500706
HS20_str_inv	BOBJ1	258.68	After	Left Exterior Girder	0	0.95	1	1	2.431696
HS20_str_inv	BOBJ1	258.68	After	Interior Girder 1	0	0.95	1	1	1.695859
HS20_str_inv	BOBJ1	258.68	After	Interior Girder 2	0	0.95	1	1	1.657808
HS20_str_inv	BOBJ1	258.68	After	Interior Girder 3	0	0.95	1	1	1.328368
HS20_str_inv	BOBJ1	258.68	After	Interior Girder 4	0	0.95	1	1	1.328368
HS20_str_inv	BOBJ1	258.68	After	Interior Girder 5	0	0.95	1	1	1.657808
HS20_str_inv	BOBJ1	258.68	After	Interior Girder 6	0	0.95	1	1	1.695859
HS20_str_inv	BOBJ1	258.68	After	Right Exterior Girder	0	0.95	1	1	2.431696
HS20_str_inv	BOBJ1	263.18	Before	Interior Girder 1	4.5	0.95	1	1	2.443789
HS20_str_inv	BOBJ1	263.18	Before	Interior Girder 2	4.5	0.95	1	1	2.382053
HS20_str_inv	BOBJ1	263.18	Before	Interior Girder 3	4.5	0.95	1	1	2.228154
HS20_str_inv	BOBJ1	263.18	Before	Interior Girder 4	4.5	0.95	1	1	2.228154
HS20_str_inv	BOBJ1	263.18	Before	Interior Girder 5	4.5	0.95	1	1	2.382053
HS20_str_inv	BOBJ1	263.18	Before	Interior Girder 6	4.5	0.95	1	1	2.443789
HS20_str_inv	BOBJ1	263.18	After	Interior Girder 1	4.5	0.95	1	1	1.945396
HS20_str_inv	BOBJ1	263.18	After	Interior Girder 2	4.5	0.95	1	1	1.95065
HS20_str_inv	BOBJ1	263.18	After	Interior Girder 3	4.5	0.95	1	1	1.802029
HS20_str_inv	BOBJ1	263.18	After	Interior Girder 4	4.5	0.95	1	1	1.802029
HS20_str_inv	BOBJ1	263.18	After	Interior Girder 5	4.5	0.95	1	1	1.95065
HS20_str_inv	BOBJ1	263.18	After	Interior Girder 6	4.5	0.95	1	1	1.945396
HS20_str_inv	BOBJ1	265.68	Before	Left Exterior Girder	7	0.95	1	1	3.882623
HS20_str_inv	BOBJ1	265.68	Before	Right Exterior Girder	7	0.95	1	1	3.882623
HS20_str_inv	BOBJ1	265.68	After	Left Exterior Girder	7	0.95	1	1	2.142068
HS20_str_inv	BOBJ1	265.68	After	Right Exterior Girder	7	0.95	1	1	2.142068
HS20_str_inv	BOBJ1	268.08	Before	Left Exterior Girder	9.4	0.95	1	1	2.634453
HS20_str_inv	BOBJ1	268.08	Before	Interior Girder 1	9.4	0.95	1	1	2.652424
HS20_str_inv	BOBJ1	268.08	Before	Interior Girder 2	9.4	0.95	1	1	2.650582
HS20_str_inv	BOBJ1	268.08	Before	Interior Girder 3	9.4	0.95	1	1	2.606121

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelINonCompStrgth-Flx - Approach, Span 7-11									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
HS20_str_inv	BOBJ1	268.08	Before	Interior Girder 4	9.4	0.95	1	1	2.606121
HS20_str_inv	BOBJ1	268.08	Before	Interior Girder 5	9.4	0.95	1	1	2.650582
HS20_str_inv	BOBJ1	268.08	Before	Interior Girder 6	9.4	0.95	1	1	2.652424
HS20_str_inv	BOBJ1	268.08	Before	Right Exterior Girder	9.4	0.95	1	1	2.634453
HS20_str_inv	BOBJ1	268.08	After	Left Exterior Girder	9.4	0.95	1	1	2.568253
HS20_str_inv	BOBJ1	268.08	After	Interior Girder 1	9.4	0.95	1	1	2.705237
HS20_str_inv	BOBJ1	268.08	After	Interior Girder 2	9.4	0.95	1	1	2.688329
HS20_str_inv	BOBJ1	268.08	After	Interior Girder 3	9.4	0.95	1	1	2.616648
HS20_str_inv	BOBJ1	268.08	After	Interior Girder 4	9.4	0.95	1	1	2.616648
HS20_str_inv	BOBJ1	268.08	After	Interior Girder 5	9.4	0.95	1	1	2.688329
HS20_str_inv	BOBJ1	268.08	After	Interior Girder 6	9.4	0.95	1	1	2.705237
HS20_str_inv	BOBJ1	268.08	After	Right Exterior Girder	9.4	0.95	1	1	2.568253
HS20_str_inv	BOBJ1	277.48	Before	Left Exterior Girder	18.8	0.95	1	1	2.554445
HS20_str_inv	BOBJ1	277.48	Before	Interior Girder 1	18.8	0.95	1	1	2.229897
HS20_str_inv	BOBJ1	277.48	Before	Interior Girder 2	18.8	0.95	1	1	2.053446
HS20_str_inv	BOBJ1	277.48	Before	Interior Girder 3	18.8	0.95	1	1	1.99264
HS20_str_inv	BOBJ1	277.48	Before	Interior Girder 4	18.8	0.95	1	1	1.99264
HS20_str_inv	BOBJ1	277.48	Before	Interior Girder 5	18.8	0.95	1	1	2.053446
HS20_str_inv	BOBJ1	277.48	Before	Interior Girder 6	18.8	0.95	1	1	2.229897
HS20_str_inv	BOBJ1	277.48	Before	Right Exterior Girder	18.8	0.95	1	1	2.554445
HS20_str_inv	BOBJ1	277.48	After	Left Exterior Girder	18.8	0.95	1	1	2.613572
HS20_str_inv	BOBJ1	277.48	After	Interior Girder 1	18.8	0.95	1	1	2.19041
HS20_str_inv	BOBJ1	277.48	After	Interior Girder 2	18.8	0.95	1	1	2.0561
HS20_str_inv	BOBJ1	277.48	After	Interior Girder 3	18.8	0.95	1	1	2.019589
HS20_str_inv	BOBJ1	277.48	After	Interior Girder 4	18.8	0.95	1	1	2.019589
HS20_str_inv	BOBJ1	277.48	After	Interior Girder 5	18.8	0.95	1	1	2.0561
HS20_str_inv	BOBJ1	277.48	After	Interior Girder 6	18.8	0.95	1	1	2.19041
HS20_str_inv	BOBJ1	277.48	After	Right Exterior Girder	18.8	0.95	1	1	2.613572
HS20_str_inv	BOBJ1	286.88	Before	Left Exterior Girder	28.2	0.95	1	1	1.793875
HS20_str_inv	BOBJ1	286.88	Before	Interior Girder 1	28.2	0.95	1	1	1.41343
HS20_str_inv	BOBJ1	286.88	Before	Interior Girder 2	28.2	0.95	1	1	1.361007
HS20_str_inv	BOBJ1	286.88	Before	Interior Girder 3	28.2	0.95	1	1	1.309591
HS20_str_inv	BOBJ1	286.88	Before	Interior Girder 4	28.2	0.95	1	1	1.309591
HS20_str_inv	BOBJ1	286.88	Before	Interior Girder 5	28.2	0.95	1	1	1.361007
HS20_str_inv	BOBJ1	286.88	Before	Interior Girder 6	28.2	0.95	1	1	1.41343
HS20_str_inv	BOBJ1	286.88	Before	Right Exterior Girder	28.2	0.95	1	1	1.793875
HS20_str_inv	BOBJ1	286.88	After	Left Exterior Girder	28.2	0.95	1	1	1.803467
HS20_str_inv	BOBJ1	286.88	After	Interior Girder 1	28.2	0.95	1	1	1.410199
HS20_str_inv	BOBJ1	286.88	After	Interior Girder 2	28.2	0.95	1	1	1.364779
HS20_str_inv	BOBJ1	286.88	After	Interior Girder 3	28.2	0.95	1	1	1.318668
HS20_str_inv	BOBJ1	286.88	After	Interior Girder 4	28.2	0.95	1	1	1.318668
HS20_str_inv	BOBJ1	286.88	After	Interior Girder 5	28.2	0.95	1	1	1.364779
HS20_str_inv	BOBJ1	286.88	After	Interior Girder 6	28.2	0.95	1	1	1.410199
HS20_str_inv	BOBJ1	286.88	After	Right Exterior Girder	28.2	0.95	1	1	1.803467
HS20_str_inv	BOBJ1	296.28	Before	Left Exterior Girder	37.6	0.95	1	1	1.653125
HS20_str_inv	BOBJ1	296.28	Before	Interior Girder 1	37.6	0.95	1	1	1.468567
HS20_str_inv	BOBJ1	296.28	Before	Interior Girder 2	37.6	0.95	1	1	1.410474
HS20_str_inv	BOBJ1	296.28	Before	Interior Girder 3	37.6	0.95	1	1	1.398288
HS20_str_inv	BOBJ1	296.28	Before	Interior Girder 4	37.6	0.95	1	1	1.398288
HS20_str_inv	BOBJ1	296.28	Before	Interior Girder 5	37.6	0.95	1	1	1.410474
HS20_str_inv	BOBJ1	296.28	Before	Interior Girder 6	37.6	0.95	1	1	1.468567
HS20_str_inv	BOBJ1	296.28	Before	Right Exterior Girder	37.6	0.95	1	1	1.653125
HS20_str_inv	BOBJ1	296.28	After	Left Exterior Girder	37.6	0.95	1	1	1.633126
HS20_str_inv	BOBJ1	296.28	After	Interior Girder 1	37.6	0.95	1	1	1.482772
HS20_str_inv	BOBJ1	296.28	After	Interior Girder 2	37.6	0.95	1	1	1.408532
HS20_str_inv	BOBJ1	296.28	After	Interior Girder 3	37.6	0.95	1	1	1.387715
HS20_str_inv	BOBJ1	296.28	After	Interior Girder 4	37.6	0.95	1	1	1.387715
HS20_str_inv	BOBJ1	296.28	After	Interior Girder 5	37.6	0.95	1	1	1.408532
HS20_str_inv	BOBJ1	296.28	After	Interior Girder 6	37.6	0.95	1	1	1.482772
HS20_str_inv	BOBJ1	296.28	After	Right Exterior Girder	37.6	0.95	1	1	1.633126
HS20_str_inv	BOBJ1	305.69	Before	Left Exterior Girder	47.01	0.95	1	1	2.919984
HS20_str_inv	BOBJ1	305.69	Before	Interior Girder 1	47.01	0.95	1	1	2.007775
HS20_str_inv	BOBJ1	305.69	Before	Interior Girder 2	47.01	0.95	1	1	1.926982
HS20_str_inv	BOBJ1	305.69	Before	Interior Girder 3	47.01	0.95	1	1	1.827975
HS20_str_inv	BOBJ1	305.69	Before	Interior Girder 4	47.01	0.95	1	1	1.827975

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelINonCompStrgth-Flx - Approach, Span 7-11									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
HS20_str_inv	BOBJ1	305.69	Before	Interior Girder 5	47.01	0.95	1	1	1.926982
HS20_str_inv	BOBJ1	305.69	Before	Interior Girder 6	47.01	0.95	1	1	2.007775
HS20_str_inv	BOBJ1	305.69	Before	Right Exterior Girder	47.01	0.95	1	1	2.919984
HS20_str_inv	BOBJ1	305.69	After	Left Exterior Girder	47.01	0.95	1	1	2.903498
HS20_str_inv	BOBJ1	305.69	After	Interior Girder 1	47.01	0.95	1	1	2.016434
HS20_str_inv	BOBJ1	305.69	After	Interior Girder 2	47.01	0.95	1	1	1.891781
HS20_str_inv	BOBJ1	305.69	After	Interior Girder 3	47.01	0.95	1	1	1.760621
HS20_str_inv	BOBJ1	305.69	After	Interior Girder 4	47.01	0.95	1	1	1.760621
HS20_str_inv	BOBJ1	305.69	After	Interior Girder 5	47.01	0.95	1	1	1.891781
HS20_str_inv	BOBJ1	305.69	After	Interior Girder 6	47.01	0.95	1	1	2.016434
HS20_str_inv	BOBJ1	305.69	After	Right Exterior Girder	47.01	0.95	1	1	2.903498
HS20_str_inv	BOBJ1	315.1	Before	Left Exterior Girder	56.42	0.95	1	1	231.54868
HS20_str_inv	BOBJ1	315.1	Before	Interior Girder 1	56.42	0.95	1	1	201.094928
HS20_str_inv	BOBJ1	315.1	Before	Interior Girder 2	56.42	0.95	1	1	150.083984
HS20_str_inv	BOBJ1	315.1	Before	Interior Girder 3	56.42	0.95	1	1	109.576979
HS20_str_inv	BOBJ1	315.1	Before	Interior Girder 4	56.42	0.95	1	1	109.576979
HS20_str_inv	BOBJ1	315.1	Before	Interior Girder 5	56.42	0.95	1	1	150.083985
HS20_str_inv	BOBJ1	315.1	Before	Interior Girder 6	56.42	0.95	1	1	201.094928
HS20_str_inv	BOBJ1	315.1	Before	Right Exterior Girder	56.42	0.95	1	1	231.548681
HS15_str_opr	BOBJ1	0	After	Left Exterior Girder	0	0.95	1	1	382.450845
HS15_str_opr	BOBJ1	0	After	Interior Girder 1	0	0.95	1	1	315.847702
HS15_str_opr	BOBJ1	0	After	Interior Girder 2	0	0.95	1	1	264.910281
HS15_str_opr	BOBJ1	0	After	Interior Girder 3	0	0.95	1	1	185.362926
HS15_str_opr	BOBJ1	0	After	Interior Girder 4	0	0.95	1	1	185.362925
HS15_str_opr	BOBJ1	0	After	Interior Girder 5	0	0.95	1	1	264.91028
HS15_str_opr	BOBJ1	0	After	Interior Girder 6	0	0.95	1	1	315.847705
HS15_str_opr	BOBJ1	0	After	Right Exterior Girder	0	0.95	1	1	382.450846
HS15_str_opr	BOBJ1	9.4	Before	Left Exterior Girder	9.4	0.95	1	1	4.984205
HS15_str_opr	BOBJ1	9.4	Before	Interior Girder 1	9.4	0.95	1	1	3.471156
HS15_str_opr	BOBJ1	9.4	Before	Interior Girder 2	9.4	0.95	1	1	3.259403
HS15_str_opr	BOBJ1	9.4	Before	Interior Girder 3	9.4	0.95	1	1	3.036843
HS15_str_opr	BOBJ1	9.4	Before	Interior Girder 4	9.4	0.95	1	1	3.036843
HS15_str_opr	BOBJ1	9.4	Before	Interior Girder 5	9.4	0.95	1	1	3.259403
HS15_str_opr	BOBJ1	9.4	Before	Interior Girder 6	9.4	0.95	1	1	3.471156
HS15_str_opr	BOBJ1	9.4	Before	Right Exterior Girder	9.4	0.95	1	1	4.984205
HS15_str_opr	BOBJ1	9.4	After	Left Exterior Girder	9.4	0.95	1	1	5.016007
HS15_str_opr	BOBJ1	9.4	After	Interior Girder 1	9.4	0.95	1	1	3.454512
HS15_str_opr	BOBJ1	9.4	After	Interior Girder 2	9.4	0.95	1	1	3.320066
HS15_str_opr	BOBJ1	9.4	After	Interior Girder 3	9.4	0.95	1	1	3.153008
HS15_str_opr	BOBJ1	9.4	After	Interior Girder 4	9.4	0.95	1	1	3.153008
HS15_str_opr	BOBJ1	9.4	After	Interior Girder 5	9.4	0.95	1	1	3.320066
HS15_str_opr	BOBJ1	9.4	After	Interior Girder 6	9.4	0.95	1	1	3.454512
HS15_str_opr	BOBJ1	9.4	After	Right Exterior Girder	9.4	0.95	1	1	5.016007
HS15_str_opr	BOBJ1	18.8	Before	Left Exterior Girder	18.8	0.95	1	1	2.812061
HS15_str_opr	BOBJ1	18.8	Before	Interior Girder 1	18.8	0.95	1	1	2.54884
HS15_str_opr	BOBJ1	18.8	Before	Interior Girder 2	18.8	0.95	1	1	2.426704
HS15_str_opr	BOBJ1	18.8	Before	Interior Girder 3	18.8	0.95	1	1	2.394372
HS15_str_opr	BOBJ1	18.8	Before	Interior Girder 4	18.8	0.95	1	1	2.394372
HS15_str_opr	BOBJ1	18.8	Before	Interior Girder 5	18.8	0.95	1	1	2.426704
HS15_str_opr	BOBJ1	18.8	Before	Interior Girder 6	18.8	0.95	1	1	2.54884
HS15_str_opr	BOBJ1	18.8	Before	Right Exterior Girder	18.8	0.95	1	1	2.812061
HS15_str_opr	BOBJ1	18.8	After	Left Exterior Girder	18.8	0.95	1	1	2.846008
HS15_str_opr	BOBJ1	18.8	After	Interior Girder 1	18.8	0.95	1	1	2.52523
HS15_str_opr	BOBJ1	18.8	After	Interior Girder 2	18.8	0.95	1	1	2.429797
HS15_str_opr	BOBJ1	18.8	After	Interior Girder 3	18.8	0.95	1	1	2.41229
HS15_str_opr	BOBJ1	18.8	After	Interior Girder 4	18.8	0.95	1	1	2.41229
HS15_str_opr	BOBJ1	18.8	After	Interior Girder 5	18.8	0.95	1	1	2.429797
HS15_str_opr	BOBJ1	18.8	After	Interior Girder 6	18.8	0.95	1	1	2.52523
HS15_str_opr	BOBJ1	18.8	After	Right Exterior Girder	18.8	0.95	1	1	2.846008
HS15_str_opr	BOBJ1	28.2	Before	Left Exterior Girder	28.2	0.95	1	1	3.109302
HS15_str_opr	BOBJ1	28.2	Before	Interior Girder 1	28.2	0.95	1	1	2.428199
HS15_str_opr	BOBJ1	28.2	Before	Interior Girder 2	28.2	0.95	1	1	2.352231
HS15_str_opr	BOBJ1	28.2	Before	Interior Girder 3	28.2	0.95	1	1	2.27483
HS15_str_opr	BOBJ1	28.2	Before	Interior Girder 4	28.2	0.95	1	1	2.27483
HS15_str_opr	BOBJ1	28.2	Before	Interior Girder 5	28.2	0.95	1	1	2.352231

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelINonCompStrgth-Flx - Approach, Span 7-11									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
HS15_str_opr	BOBJ1	28.2	Before	Interior Girder 6	28.2	0.95	1	1	2.428199
HS15_str_opr	BOBJ1	28.2	Before	Right Exterior Girder	28.2	0.95	1	1	3.109302
HS15_str_opr	BOBJ1	28.2	After	Left Exterior Girder	28.2	0.95	1	1	3.092592
HS15_str_opr	BOBJ1	28.2	After	Interior Girder 1	28.2	0.95	1	1	2.43351
HS15_str_opr	BOBJ1	28.2	After	Interior Girder 2	28.2	0.95	1	1	2.345768
HS15_str_opr	BOBJ1	28.2	After	Interior Girder 3	28.2	0.95	1	1	2.259329
HS15_str_opr	BOBJ1	28.2	After	Interior Girder 4	28.2	0.95	1	1	2.259329
HS15_str_opr	BOBJ1	28.2	After	Interior Girder 5	28.2	0.95	1	1	2.345768
HS15_str_opr	BOBJ1	28.2	After	Interior Girder 6	28.2	0.95	1	1	2.43351
HS15_str_opr	BOBJ1	28.2	After	Right Exterior Girder	28.2	0.95	1	1	3.092592
HS15_str_opr	BOBJ1	37.6	Before	Left Exterior Girder	37.6	0.95	1	1	4.510051
HS15_str_opr	BOBJ1	37.6	Before	Interior Girder 1	37.6	0.95	1	1	3.775261
HS15_str_opr	BOBJ1	37.6	Before	Interior Girder 2	37.6	0.95	1	1	3.545116
HS15_str_opr	BOBJ1	37.6	Before	Interior Girder 3	37.6	0.95	1	1	3.483348
HS15_str_opr	BOBJ1	37.6	Before	Interior Girder 4	37.6	0.95	1	1	3.483348
HS15_str_opr	BOBJ1	37.6	Before	Interior Girder 5	37.6	0.95	1	1	3.545116
HS15_str_opr	BOBJ1	37.6	Before	Interior Girder 6	37.6	0.95	1	1	3.775261
HS15_str_opr	BOBJ1	37.6	Before	Right Exterior Girder	37.6	0.95	1	1	4.510051
HS15_str_opr	BOBJ1	37.6	After	Left Exterior Girder	37.6	0.95	1	1	4.407795
HS15_str_opr	BOBJ1	37.6	After	Interior Girder 1	37.6	0.95	1	1	3.842701
HS15_str_opr	BOBJ1	37.6	After	Interior Girder 2	37.6	0.95	1	1	3.540797
HS15_str_opr	BOBJ1	37.6	After	Interior Girder 3	37.6	0.95	1	1	3.437387
HS15_str_opr	BOBJ1	37.6	After	Interior Girder 4	37.6	0.95	1	1	3.437387
HS15_str_opr	BOBJ1	37.6	After	Interior Girder 5	37.6	0.95	1	1	3.540797
HS15_str_opr	BOBJ1	37.6	After	Interior Girder 6	37.6	0.95	1	1	3.842701
HS15_str_opr	BOBJ1	37.6	After	Right Exterior Girder	37.6	0.95	1	1	4.407795
HS15_str_opr	BOBJ1	47.01	Before	Left Exterior Girder	47.01	0.95	1	1	4.435079
HS15_str_opr	BOBJ1	47.01	Before	Interior Girder 1	47.01	0.95	1	1	4.674545
HS15_str_opr	BOBJ1	47.01	Before	Interior Girder 2	47.01	0.95	1	1	4.645432
HS15_str_opr	BOBJ1	47.01	Before	Interior Girder 3	47.01	0.95	1	1	4.525912
HS15_str_opr	BOBJ1	47.01	Before	Interior Girder 4	47.01	0.95	1	1	4.525912
HS15_str_opr	BOBJ1	47.01	Before	Interior Girder 5	47.01	0.95	1	1	4.645432
HS15_str_opr	BOBJ1	47.01	Before	Interior Girder 6	47.01	0.95	1	1	4.674545
HS15_str_opr	BOBJ1	47.01	Before	Right Exterior Girder	47.01	0.95	1	1	4.435079
HS15_str_opr	BOBJ1	47.01	After	Left Exterior Girder	47.01	0.95	1	1	4.54934
HS15_str_opr	BOBJ1	47.01	After	Interior Girder 1	47.01	0.95	1	1	4.584359
HS15_str_opr	BOBJ1	47.01	After	Interior Girder 2	47.01	0.95	1	1	4.579791
HS15_str_opr	BOBJ1	47.01	After	Interior Girder 3	47.01	0.95	1	1	4.507604
HS15_str_opr	BOBJ1	47.01	After	Interior Girder 4	47.01	0.95	1	1	4.507604
HS15_str_opr	BOBJ1	47.01	After	Interior Girder 5	47.01	0.95	1	1	4.579791
HS15_str_opr	BOBJ1	47.01	After	Interior Girder 6	47.01	0.95	1	1	4.584359
HS15_str_opr	BOBJ1	47.01	After	Right Exterior Girder	47.01	0.95	1	1	4.54934
HS15_str_opr	BOBJ1	49.42	Before	Left Exterior Girder	49.42	0.95	1	1	3.68037
HS15_str_opr	BOBJ1	49.42	Before	Right Exterior Girder	49.42	0.95	1	1	3.68037
HS15_str_opr	BOBJ1	49.42	After	Left Exterior Girder	49.42	0.95	1	1	6.683284
HS15_str_opr	BOBJ1	49.42	After	Right Exterior Girder	49.42	0.95	1	1	6.683284
HS15_str_opr	BOBJ1	51.92	Before	Interior Girder 1	51.92	0.95	1	1	3.353868
HS15_str_opr	BOBJ1	51.92	Before	Interior Girder 2	51.92	0.95	1	1	3.364775
HS15_str_opr	BOBJ1	51.92	Before	Interior Girder 3	51.92	0.95	1	1	3.113882
HS15_str_opr	BOBJ1	51.92	Before	Interior Girder 4	51.92	0.95	1	1	3.113882
HS15_str_opr	BOBJ1	51.92	Before	Interior Girder 5	51.92	0.95	1	1	3.364775
HS15_str_opr	BOBJ1	51.92	Before	Interior Girder 6	51.92	0.95	1	1	3.353868
HS15_str_opr	BOBJ1	51.92	After	Interior Girder 1	51.92	0.95	1	1	4.214742
HS15_str_opr	BOBJ1	51.92	After	Interior Girder 2	51.92	0.95	1	1	4.109565
HS15_str_opr	BOBJ1	51.92	After	Interior Girder 3	51.92	0.95	1	1	3.8508
HS15_str_opr	BOBJ1	51.92	After	Interior Girder 4	51.92	0.95	1	1	3.8508
HS15_str_opr	BOBJ1	51.92	After	Interior Girder 5	51.92	0.95	1	1	4.109565
HS15_str_opr	BOBJ1	51.92	After	Interior Girder 6	51.92	0.95	1	1	4.214742
HS15_str_opr	BOBJ1	56.42	Before	Left Exterior Girder	56.42	0.95	1	1	4.191236
HS15_str_opr	BOBJ1	56.42	Before	Interior Girder 1	56.42	0.95	1	1	2.918247
HS15_str_opr	BOBJ1	56.42	Before	Interior Girder 2	56.42	0.95	1	1	2.855175
HS15_str_opr	BOBJ1	56.42	Before	Interior Girder 3	56.42	0.95	1	1	2.293261
HS15_str_opr	BOBJ1	56.42	Before	Interior Girder 4	56.42	0.95	1	1	2.293261
HS15_str_opr	BOBJ1	56.42	Before	Interior Girder 5	56.42	0.95	1	1	2.855175
HS15_str_opr	BOBJ1	56.42	Before	Interior Girder 6	56.42	0.95	1	1	2.918247

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelINonCompStrgth-Flx - Approach, Span 7-11									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
HS15_str_opr	BOBJ1	56.42	Before	Right Exterior Girder	56.42	0.95	1	1	4.191236
HS15_str_opr	BOBJ1	56.42	After	Left Exterior Girder	0	0.95	1	1	4.30557
HS15_str_opr	BOBJ1	56.42	After	Interior Girder 1	0	0.95	1	1	2.956443
HS15_str_opr	BOBJ1	56.42	After	Interior Girder 2	0	0.95	1	1	2.894211
HS15_str_opr	BOBJ1	56.42	After	Interior Girder 3	0	0.95	1	1	2.371155
HS15_str_opr	BOBJ1	56.42	After	Interior Girder 4	0	0.95	1	1	2.371155
HS15_str_opr	BOBJ1	56.42	After	Interior Girder 5	0	0.95	1	1	2.894211
HS15_str_opr	BOBJ1	56.42	After	Interior Girder 6	0	0.95	1	1	2.956443
HS15_str_opr	BOBJ1	56.42	After	Right Exterior Girder	0	0.95	1	1	4.30557
HS15_str_opr	BOBJ1	60.92	Before	Interior Girder 1	4.5	0.95	1	1	5.070631
HS15_str_opr	BOBJ1	60.92	Before	Interior Girder 2	4.5	0.95	1	1	4.812827
HS15_str_opr	BOBJ1	60.92	Before	Interior Girder 3	4.5	0.95	1	1	4.361273
HS15_str_opr	BOBJ1	60.92	Before	Interior Girder 4	4.5	0.95	1	1	4.361273
HS15_str_opr	BOBJ1	60.92	Before	Interior Girder 5	4.5	0.95	1	1	4.812827
HS15_str_opr	BOBJ1	60.92	Before	Interior Girder 6	4.5	0.95	1	1	5.070631
HS15_str_opr	BOBJ1	60.92	After	Interior Girder 1	4.5	0.95	1	1	4.058638
HS15_str_opr	BOBJ1	60.92	After	Interior Girder 2	4.5	0.95	1	1	3.947873
HS15_str_opr	BOBJ1	60.92	After	Interior Girder 3	4.5	0.95	1	1	3.542733
HS15_str_opr	BOBJ1	60.92	After	Interior Girder 4	4.5	0.95	1	1	3.542733
HS15_str_opr	BOBJ1	60.92	After	Interior Girder 5	4.5	0.95	1	1	3.947873
HS15_str_opr	BOBJ1	60.92	After	Interior Girder 6	4.5	0.95	1	1	4.058638
HS15_str_opr	BOBJ1	63.42	Before	Left Exterior Girder	7	0.95	1	1	8.495617
HS15_str_opr	BOBJ1	63.42	Before	Right Exterior Girder	7	0.95	1	1	8.495617
HS15_str_opr	BOBJ1	63.42	After	Left Exterior Girder	7	0.95	1	1	4.664759
HS15_str_opr	BOBJ1	63.42	After	Right Exterior Girder	7	0.95	1	1	4.664759
HS15_str_opr	BOBJ1	64.845	Before	Left Exterior Girder	8.425	0.95	1	1	5.25839
HS15_str_opr	BOBJ1	64.845	Before	Interior Girder 1	8.425	0.95	1	1	5.234176
HS15_str_opr	BOBJ1	64.845	Before	Interior Girder 2	8.425	0.95	1	1	5.037901
HS15_str_opr	BOBJ1	64.845	Before	Interior Girder 3	8.425	0.95	1	1	4.861647
HS15_str_opr	BOBJ1	64.845	Before	Interior Girder 4	8.425	0.95	1	1	4.861647
HS15_str_opr	BOBJ1	64.845	Before	Interior Girder 5	8.425	0.95	1	1	5.037901
HS15_str_opr	BOBJ1	64.845	Before	Interior Girder 6	8.425	0.95	1	1	5.234176
HS15_str_opr	BOBJ1	64.845	Before	Right Exterior Girder	8.425	0.95	1	1	5.25839
HS15_str_opr	BOBJ1	64.845	After	Left Exterior Girder	8.425	0.95	1	1	5.196692
HS15_str_opr	BOBJ1	64.845	After	Interior Girder 1	8.425	0.95	1	1	5.300001
HS15_str_opr	BOBJ1	64.845	After	Interior Girder 2	8.425	0.95	1	1	5.096161
HS15_str_opr	BOBJ1	64.845	After	Interior Girder 3	8.425	0.95	1	1	4.891544
HS15_str_opr	BOBJ1	64.845	After	Interior Girder 4	8.425	0.95	1	1	4.891544
HS15_str_opr	BOBJ1	64.845	After	Interior Girder 5	8.425	0.95	1	1	5.096161
HS15_str_opr	BOBJ1	64.845	After	Interior Girder 6	8.425	0.95	1	1	5.300001
HS15_str_opr	BOBJ1	64.845	After	Right Exterior Girder	8.425	0.95	1	1	5.196692
HS15_str_opr	BOBJ1	69.92	Before	Left Exterior Girder	13.5	0.95	1	1	7.330515
HS15_str_opr	BOBJ1	69.92	Before	Interior Girder 1	13.5	0.95	1	1	6.371758
HS15_str_opr	BOBJ1	69.92	Before	Interior Girder 2	13.5	0.95	1	1	5.72586
HS15_str_opr	BOBJ1	69.92	Before	Interior Girder 3	13.5	0.95	1	1	5.554524
HS15_str_opr	BOBJ1	69.92	Before	Interior Girder 4	13.5	0.95	1	1	5.554524
HS15_str_opr	BOBJ1	69.92	Before	Interior Girder 5	13.5	0.95	1	1	5.72586
HS15_str_opr	BOBJ1	69.92	Before	Interior Girder 6	13.5	0.95	1	1	6.371758
HS15_str_opr	BOBJ1	69.92	Before	Right Exterior Girder	13.5	0.95	1	1	7.330515
HS15_str_opr	BOBJ1	69.92	After	Left Exterior Girder	13.5	0.95	1	1	6.266719
HS15_str_opr	BOBJ1	69.92	After	Interior Girder 1	13.5	0.95	1	1	5.95689
HS15_str_opr	BOBJ1	69.92	After	Interior Girder 2	13.5	0.95	1	1	5.373762
HS15_str_opr	BOBJ1	69.92	After	Interior Girder 3	13.5	0.95	1	1	5.27803
HS15_str_opr	BOBJ1	69.92	After	Interior Girder 4	13.5	0.95	1	1	5.27803
HS15_str_opr	BOBJ1	69.92	After	Interior Girder 5	13.5	0.95	1	1	5.373762
HS15_str_opr	BOBJ1	69.92	After	Interior Girder 6	13.5	0.95	1	1	5.95689
HS15_str_opr	BOBJ1	69.92	After	Right Exterior Girder	13.5	0.95	1	1	6.266719
HS15_str_opr	BOBJ1	73.27	Before	Left Exterior Girder	16.85	0.95	1	1	5.451772
HS15_str_opr	BOBJ1	73.27	Before	Interior Girder 1	16.85	0.95	1	1	4.586364
HS15_str_opr	BOBJ1	73.27	Before	Interior Girder 2	16.85	0.95	1	1	4.203205
HS15_str_opr	BOBJ1	73.27	Before	Interior Girder 3	16.85	0.95	1	1	4.061428
HS15_str_opr	BOBJ1	73.27	Before	Interior Girder 4	16.85	0.95	1	1	4.061428
HS15_str_opr	BOBJ1	73.27	Before	Interior Girder 5	16.85	0.95	1	1	4.203205
HS15_str_opr	BOBJ1	73.27	Before	Interior Girder 6	16.85	0.95	1	1	4.586364
HS15_str_opr	BOBJ1	73.27	Before	Right Exterior Girder	16.85	0.95	1	1	5.451772

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelINonCompStrgth-Flx - Approach, Span 7-11									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
HS15_str_opr	BOBJ1	73.27	After	Left Exterior Girder	16.85	0.95	1	1	5.588797
HS15_str_opr	BOBJ1	73.27	After	Interior Girder 1	16.85	0.95	1	1	4.508912
HS15_str_opr	BOBJ1	73.27	After	Interior Girder 2	16.85	0.95	1	1	4.178136
HS15_str_opr	BOBJ1	73.27	After	Interior Girder 3	16.85	0.95	1	1	4.090566
HS15_str_opr	BOBJ1	73.27	After	Interior Girder 4	16.85	0.95	1	1	4.090566
HS15_str_opr	BOBJ1	73.27	After	Interior Girder 5	16.85	0.95	1	1	4.178136
HS15_str_opr	BOBJ1	73.27	After	Interior Girder 6	16.85	0.95	1	1	4.508912
HS15_str_opr	BOBJ1	73.27	After	Right Exterior Girder	16.85	0.95	1	1	5.588797
HS15_str_opr	BOBJ1	81.695	Before	Left Exterior Girder	25.275	0.95	1	1	3.246487
HS15_str_opr	BOBJ1	81.695	Before	Interior Girder 1	25.275	0.95	1	1	2.682287
HS15_str_opr	BOBJ1	81.695	Before	Interior Girder 2	25.275	0.95	1	1	2.585931
HS15_str_opr	BOBJ1	81.695	Before	Interior Girder 3	25.275	0.95	1	1	2.498195
HS15_str_opr	BOBJ1	81.695	Before	Interior Girder 4	25.275	0.95	1	1	2.498195
HS15_str_opr	BOBJ1	81.695	Before	Interior Girder 5	25.275	0.95	1	1	2.585931
HS15_str_opr	BOBJ1	81.695	Before	Interior Girder 6	25.275	0.95	1	1	2.682287
HS15_str_opr	BOBJ1	81.695	Before	Right Exterior Girder	25.275	0.95	1	1	3.246487
HS15_str_opr	BOBJ1	81.695	After	Left Exterior Girder	25.275	0.95	1	1	3.305786
HS15_str_opr	BOBJ1	81.695	After	Interior Girder 1	25.275	0.95	1	1	2.659171
HS15_str_opr	BOBJ1	81.695	After	Interior Girder 2	25.275	0.95	1	1	2.582217
HS15_str_opr	BOBJ1	81.695	After	Interior Girder 3	25.275	0.95	1	1	2.523657
HS15_str_opr	BOBJ1	81.695	After	Interior Girder 4	25.275	0.95	1	1	2.523657
HS15_str_opr	BOBJ1	81.695	After	Interior Girder 5	25.275	0.95	1	1	2.582217
HS15_str_opr	BOBJ1	81.695	After	Interior Girder 6	25.275	0.95	1	1	2.659171
HS15_str_opr	BOBJ1	81.695	After	Right Exterior Girder	25.275	0.95	1	1	3.305786
HS15_str_opr	BOBJ1	90.12	Before	Left Exterior Girder	33.7	0.95	1	1	2.607366
HS15_str_opr	BOBJ1	90.12	Before	Interior Girder 1	33.7	0.95	1	1	2.480204
HS15_str_opr	BOBJ1	90.12	Before	Interior Girder 2	33.7	0.95	1	1	2.428872
HS15_str_opr	BOBJ1	90.12	Before	Interior Girder 3	33.7	0.95	1	1	2.422327
HS15_str_opr	BOBJ1	90.12	Before	Interior Girder 4	33.7	0.95	1	1	2.422327
HS15_str_opr	BOBJ1	90.12	Before	Interior Girder 5	33.7	0.95	1	1	2.428872
HS15_str_opr	BOBJ1	90.12	Before	Interior Girder 6	33.7	0.95	1	1	2.480204
HS15_str_opr	BOBJ1	90.12	Before	Right Exterior Girder	33.7	0.95	1	1	2.607366
HS15_str_opr	BOBJ1	90.12	After	Left Exterior Girder	33.7	0.95	1	1	2.611316
HS15_str_opr	BOBJ1	90.12	After	Interior Girder 1	33.7	0.95	1	1	2.479533
HS15_str_opr	BOBJ1	90.12	After	Interior Girder 2	33.7	0.95	1	1	2.425772
HS15_str_opr	BOBJ1	90.12	After	Interior Girder 3	33.7	0.95	1	1	2.421091
HS15_str_opr	BOBJ1	90.12	After	Interior Girder 4	33.7	0.95	1	1	2.421091
HS15_str_opr	BOBJ1	90.12	After	Interior Girder 5	33.7	0.95	1	1	2.425772
HS15_str_opr	BOBJ1	90.12	After	Interior Girder 6	33.7	0.95	1	1	2.479533
HS15_str_opr	BOBJ1	90.12	After	Right Exterior Girder	33.7	0.95	1	1	2.611316
HS15_str_opr	BOBJ1	98.545	Before	Left Exterior Girder	42.125	0.95	1	1	3.209775
HS15_str_opr	BOBJ1	98.545	Before	Interior Girder 1	42.125	0.95	1	1	2.618479
HS15_str_opr	BOBJ1	98.545	Before	Interior Girder 2	42.125	0.95	1	1	2.554596
HS15_str_opr	BOBJ1	98.545	Before	Interior Girder 3	42.125	0.95	1	1	2.498849
HS15_str_opr	BOBJ1	98.545	Before	Interior Girder 4	42.125	0.95	1	1	2.498849
HS15_str_opr	BOBJ1	98.545	Before	Interior Girder 5	42.125	0.95	1	1	2.554596
HS15_str_opr	BOBJ1	98.545	Before	Interior Girder 6	42.125	0.95	1	1	2.618479
HS15_str_opr	BOBJ1	98.545	Before	Right Exterior Girder	42.125	0.95	1	1	3.209775
HS15_str_opr	BOBJ1	98.545	After	Left Exterior Girder	42.125	0.95	1	1	3.160929
HS15_str_opr	BOBJ1	98.545	After	Interior Girder 1	42.125	0.95	1	1	2.638333
HS15_str_opr	BOBJ1	98.545	After	Interior Girder 2	42.125	0.95	1	1	2.555977
HS15_str_opr	BOBJ1	98.545	After	Interior Girder 3	42.125	0.95	1	1	2.47296
HS15_str_opr	BOBJ1	98.545	After	Interior Girder 4	42.125	0.95	1	1	2.47296
HS15_str_opr	BOBJ1	98.545	After	Interior Girder 5	42.125	0.95	1	1	2.555977
HS15_str_opr	BOBJ1	98.545	After	Interior Girder 6	42.125	0.95	1	1	2.638333
HS15_str_opr	BOBJ1	98.545	After	Right Exterior Girder	42.125	0.95	1	1	3.160929
HS15_str_opr	BOBJ1	106.97	Before	Left Exterior Girder	50.55	0.95	1	1	5.241069
HS15_str_opr	BOBJ1	106.97	Before	Interior Girder 1	50.55	0.95	1	1	4.367823
HS15_str_opr	BOBJ1	106.97	Before	Interior Girder 2	50.55	0.95	1	1	4.088255
HS15_str_opr	BOBJ1	106.97	Before	Interior Girder 3	50.55	0.95	1	1	4.029747
HS15_str_opr	BOBJ1	106.97	Before	Interior Girder 4	50.55	0.95	1	1	4.029747
HS15_str_opr	BOBJ1	106.97	Before	Interior Girder 5	50.55	0.95	1	1	4.088255
HS15_str_opr	BOBJ1	106.97	Before	Interior Girder 6	50.55	0.95	1	1	4.367823
HS15_str_opr	BOBJ1	106.97	Before	Right Exterior Girder	50.55	0.95	1	1	5.241069
HS15_str_opr	BOBJ1	106.97	After	Left Exterior Girder	50.55	0.95	1	1	5.097204

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelINonCompStrgth-Flx - Approach, Span 7-11									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
HS15_str_opr	BOBJ1	106.97	After	Interior Girder 1	50.55	0.95	1	1	4.446685
HS15_str_opr	BOBJ1	106.97	After	Interior Girder 2	50.55	0.95	1	1	4.091163
HS15_str_opr	BOBJ1	106.97	After	Interior Girder 3	50.55	0.95	1	1	3.964048
HS15_str_opr	BOBJ1	106.97	After	Interior Girder 4	50.55	0.95	1	1	3.964048
HS15_str_opr	BOBJ1	106.97	After	Interior Girder 5	50.55	0.95	1	1	4.091163
HS15_str_opr	BOBJ1	106.97	After	Interior Girder 6	50.55	0.95	1	1	4.446685
HS15_str_opr	BOBJ1	106.97	After	Right Exterior Girder	50.55	0.95	1	1	5.097204
HS15_str_opr	BOBJ1	115.405	Before	Left Exterior Girder	58.985	0.95	1	1	3.84641
HS15_str_opr	BOBJ1	115.405	Before	Interior Girder 1	58.985	0.95	1	1	4.344041
HS15_str_opr	BOBJ1	115.405	Before	Interior Girder 2	58.985	0.95	1	1	4.337178
HS15_str_opr	BOBJ1	115.405	Before	Interior Girder 3	58.985	0.95	1	1	4.203828
HS15_str_opr	BOBJ1	115.405	Before	Interior Girder 4	58.985	0.95	1	1	4.203828
HS15_str_opr	BOBJ1	115.405	Before	Interior Girder 5	58.985	0.95	1	1	4.337178
HS15_str_opr	BOBJ1	115.405	Before	Interior Girder 6	58.985	0.95	1	1	4.344041
HS15_str_opr	BOBJ1	115.405	Before	Right Exterior Girder	58.985	0.95	1	1	3.84641
HS15_str_opr	BOBJ1	115.405	After	Left Exterior Girder	58.985	0.95	1	1	3.959674
HS15_str_opr	BOBJ1	115.405	After	Interior Girder 1	58.985	0.95	1	1	4.249469
HS15_str_opr	BOBJ1	115.405	After	Interior Girder 2	58.985	0.95	1	1	4.290524
HS15_str_opr	BOBJ1	115.405	After	Interior Girder 3	58.985	0.95	1	1	4.194453
HS15_str_opr	BOBJ1	115.405	After	Interior Girder 4	58.985	0.95	1	1	4.194453
HS15_str_opr	BOBJ1	115.405	After	Interior Girder 5	58.985	0.95	1	1	4.290524
HS15_str_opr	BOBJ1	115.405	After	Interior Girder 6	58.985	0.95	1	1	4.249469
HS15_str_opr	BOBJ1	115.405	After	Right Exterior Girder	58.985	0.95	1	1	3.959674
HS15_str_opr	BOBJ1	116.34	Before	Left Exterior Girder	59.92	0.95	1	1	3.580034
HS15_str_opr	BOBJ1	116.34	Before	Right Exterior Girder	59.92	0.95	1	1	3.580034
HS15_str_opr	BOBJ1	116.34	After	Left Exterior Girder	59.92	0.95	1	1	7.50214
HS15_str_opr	BOBJ1	116.34	After	Right Exterior Girder	59.92	0.95	1	1	7.50214
HS15_str_opr	BOBJ1	118.84	Before	Interior Girder 1	62.42	0.95	1	1	3.419549
HS15_str_opr	BOBJ1	118.84	Before	Interior Girder 2	62.42	0.95	1	1	3.450327
HS15_str_opr	BOBJ1	118.84	Before	Interior Girder 3	62.42	0.95	1	1	3.210602
HS15_str_opr	BOBJ1	118.84	Before	Interior Girder 4	62.42	0.95	1	1	3.210602
HS15_str_opr	BOBJ1	118.84	Before	Interior Girder 5	62.42	0.95	1	1	3.450327
HS15_str_opr	BOBJ1	118.84	Before	Interior Girder 6	62.42	0.95	1	1	3.419549
HS15_str_opr	BOBJ1	118.84	After	Interior Girder 1	62.42	0.95	1	1	4.937432
HS15_str_opr	BOBJ1	118.84	After	Interior Girder 2	62.42	0.95	1	1	4.837913
HS15_str_opr	BOBJ1	118.84	After	Interior Girder 3	62.42	0.95	1	1	4.576788
HS15_str_opr	BOBJ1	118.84	After	Interior Girder 4	62.42	0.95	1	1	4.576788
HS15_str_opr	BOBJ1	118.84	After	Interior Girder 5	62.42	0.95	1	1	4.837913
HS15_str_opr	BOBJ1	118.84	After	Interior Girder 6	62.42	0.95	1	1	4.937432
HS15_str_opr	BOBJ1	123.84	Before	Left Exterior Girder	67.42	0.95	1	1	4.480538
HS15_str_opr	BOBJ1	123.84	Before	Interior Girder 1	67.42	0.95	1	1	3.342928
HS15_str_opr	BOBJ1	123.84	Before	Interior Girder 2	67.42	0.95	1	1	3.226108
HS15_str_opr	BOBJ1	123.84	Before	Interior Girder 3	67.42	0.95	1	1	2.615364
HS15_str_opr	BOBJ1	123.84	Before	Interior Girder 4	67.42	0.95	1	1	2.615364
HS15_str_opr	BOBJ1	123.84	Before	Interior Girder 5	67.42	0.95	1	1	3.226108
HS15_str_opr	BOBJ1	123.84	Before	Interior Girder 6	67.42	0.95	1	1	3.342928
HS15_str_opr	BOBJ1	123.84	Before	Right Exterior Girder	67.42	0.95	1	1	4.480538
HS15_str_opr	BOBJ1	123.84	After	Left Exterior Girder	0	0.95	1	1	4.439296
HS15_str_opr	BOBJ1	123.84	After	Interior Girder 1	0	0.95	1	1	3.292026
HS15_str_opr	BOBJ1	123.84	After	Interior Girder 2	0	0.95	1	1	3.215821
HS15_str_opr	BOBJ1	123.84	After	Interior Girder 3	0	0.95	1	1	2.6081
HS15_str_opr	BOBJ1	123.84	After	Interior Girder 4	0	0.95	1	1	2.6081
HS15_str_opr	BOBJ1	123.84	After	Interior Girder 5	0	0.95	1	1	3.215821
HS15_str_opr	BOBJ1	123.84	After	Interior Girder 6	0	0.95	1	1	3.292026
HS15_str_opr	BOBJ1	123.84	After	Right Exterior Girder	0	0.95	1	1	4.439296
HS15_str_opr	BOBJ1	128.84	Before	Interior Girder 1	5	0.95	1	1	5.0536
HS15_str_opr	BOBJ1	128.84	Before	Interior Girder 2	5	0.95	1	1	4.93161
HS15_str_opr	BOBJ1	128.84	Before	Interior Girder 3	5	0.95	1	1	4.638232
HS15_str_opr	BOBJ1	128.84	Before	Interior Girder 4	5	0.95	1	1	4.638232
HS15_str_opr	BOBJ1	128.84	Before	Interior Girder 5	5	0.95	1	1	4.93161
HS15_str_opr	BOBJ1	128.84	Before	Interior Girder 6	5	0.95	1	1	5.0536
HS15_str_opr	BOBJ1	128.84	After	Interior Girder 1	5	0.95	1	1	3.506191
HS15_str_opr	BOBJ1	128.84	After	Interior Girder 2	5	0.95	1	1	3.520164
HS15_str_opr	BOBJ1	128.84	After	Interior Girder 3	5	0.95	1	1	3.266572
HS15_str_opr	BOBJ1	128.84	After	Interior Girder 4	5	0.95	1	1	3.266572

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelINonCompStrgth-Flx - Approach, Span 7-11									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
HS15_str_opr	BOBJ1	128.84	After	Interior Girder 5	5	0.95	1	1	3.520164
HS15_str_opr	BOBJ1	128.84	After	Interior Girder 6	5	0.95	1	1	3.506191
HS15_str_opr	BOBJ1	131.34	Before	Left Exterior Girder	7.5	0.95	1	1	7.724646
HS15_str_opr	BOBJ1	131.34	Before	Right Exterior Girder	7.5	0.95	1	1	7.724646
HS15_str_opr	BOBJ1	131.34	After	Left Exterior Girder	7.5	0.95	1	1	3.690836
HS15_str_opr	BOBJ1	131.34	After	Right Exterior Girder	7.5	0.95	1	1	3.690836
HS15_str_opr	BOBJ1	132.265	Before	Left Exterior Girder	8.425	0.95	1	1	4.05988
HS15_str_opr	BOBJ1	132.265	Before	Interior Girder 1	8.425	0.95	1	1	4.353769
HS15_str_opr	BOBJ1	132.265	Before	Interior Girder 2	8.425	0.95	1	1	4.37534
HS15_str_opr	BOBJ1	132.265	Before	Interior Girder 3	8.425	0.95	1	1	4.268556
HS15_str_opr	BOBJ1	132.265	Before	Interior Girder 4	8.425	0.95	1	1	4.268556
HS15_str_opr	BOBJ1	132.265	Before	Interior Girder 5	8.425	0.95	1	1	4.37534
HS15_str_opr	BOBJ1	132.265	Before	Interior Girder 6	8.425	0.95	1	1	4.353769
HS15_str_opr	BOBJ1	132.265	Before	Right Exterior Girder	8.425	0.95	1	1	4.05988
HS15_str_opr	BOBJ1	132.265	After	Left Exterior Girder	8.425	0.95	1	1	3.943923
HS15_str_opr	BOBJ1	132.265	After	Interior Girder 1	8.425	0.95	1	1	4.4494
HS15_str_opr	BOBJ1	132.265	After	Interior Girder 2	8.425	0.95	1	1	4.423287
HS15_str_opr	BOBJ1	132.265	After	Interior Girder 3	8.425	0.95	1	1	4.280454
HS15_str_opr	BOBJ1	132.265	After	Interior Girder 4	8.425	0.95	1	1	4.280454
HS15_str_opr	BOBJ1	132.265	After	Interior Girder 5	8.425	0.95	1	1	4.423287
HS15_str_opr	BOBJ1	132.265	After	Interior Girder 6	8.425	0.95	1	1	4.4494
HS15_str_opr	BOBJ1	132.265	After	Right Exterior Girder	8.425	0.95	1	1	3.943923
HS15_str_opr	BOBJ1	140.69	Before	Left Exterior Girder	16.85	0.95	1	1	5.145118
HS15_str_opr	BOBJ1	140.69	Before	Interior Girder 1	16.85	0.95	1	1	4.458156
HS15_str_opr	BOBJ1	140.69	Before	Interior Girder 2	16.85	0.95	1	1	4.10327
HS15_str_opr	BOBJ1	140.69	Before	Interior Girder 3	16.85	0.95	1	1	3.980104
HS15_str_opr	BOBJ1	140.69	Before	Interior Girder 4	16.85	0.95	1	1	3.980104
HS15_str_opr	BOBJ1	140.69	Before	Interior Girder 5	16.85	0.95	1	1	4.10327
HS15_str_opr	BOBJ1	140.69	Before	Interior Girder 6	16.85	0.95	1	1	4.458156
HS15_str_opr	BOBJ1	140.69	Before	Right Exterior Girder	16.85	0.95	1	1	5.145118
HS15_str_opr	BOBJ1	140.69	After	Left Exterior Girder	16.85	0.95	1	1	5.293965
HS15_str_opr	BOBJ1	140.69	After	Interior Girder 1	16.85	0.95	1	1	4.380002
HS15_str_opr	BOBJ1	140.69	After	Interior Girder 2	16.85	0.95	1	1	4.09957
HS15_str_opr	BOBJ1	140.69	After	Interior Girder 3	16.85	0.95	1	1	4.04515
HS15_str_opr	BOBJ1	140.69	After	Interior Girder 4	16.85	0.95	1	1	4.04515
HS15_str_opr	BOBJ1	140.69	After	Interior Girder 5	16.85	0.95	1	1	4.09957
HS15_str_opr	BOBJ1	140.69	After	Interior Girder 6	16.85	0.95	1	1	4.380002
HS15_str_opr	BOBJ1	140.69	After	Right Exterior Girder	16.85	0.95	1	1	5.293965
HS15_str_opr	BOBJ1	149.115	Before	Left Exterior Girder	25.275	0.95	1	1	3.14402
HS15_str_opr	BOBJ1	149.115	Before	Interior Girder 1	25.275	0.95	1	1	2.62081
HS15_str_opr	BOBJ1	149.115	Before	Interior Girder 2	25.275	0.95	1	1	2.545109
HS15_str_opr	BOBJ1	149.115	Before	Interior Girder 3	25.275	0.95	1	1	2.469456
HS15_str_opr	BOBJ1	149.115	Before	Interior Girder 4	25.275	0.95	1	1	2.469456
HS15_str_opr	BOBJ1	149.115	Before	Interior Girder 5	25.275	0.95	1	1	2.545109
HS15_str_opr	BOBJ1	149.115	Before	Interior Girder 6	25.275	0.95	1	1	2.62081
HS15_str_opr	BOBJ1	149.115	Before	Right Exterior Girder	25.275	0.95	1	1	3.14402
HS15_str_opr	BOBJ1	149.115	After	Left Exterior Girder	25.275	0.95	1	1	3.195414
HS15_str_opr	BOBJ1	149.115	After	Interior Girder 1	25.275	0.95	1	1	2.601486
HS15_str_opr	BOBJ1	149.115	After	Interior Girder 2	25.275	0.95	1	1	2.542782
HS15_str_opr	BOBJ1	149.115	After	Interior Girder 3	25.275	0.95	1	1	2.494841
HS15_str_opr	BOBJ1	149.115	After	Interior Girder 4	25.275	0.95	1	1	2.494841
HS15_str_opr	BOBJ1	149.115	After	Interior Girder 5	25.275	0.95	1	1	2.542782
HS15_str_opr	BOBJ1	149.115	After	Interior Girder 6	25.275	0.95	1	1	2.601486
HS15_str_opr	BOBJ1	149.115	After	Right Exterior Girder	25.275	0.95	1	1	3.195414
HS15_str_opr	BOBJ1	157.54	Before	Left Exterior Girder	33.7	0.95	1	1	2.566632
HS15_str_opr	BOBJ1	157.54	Before	Interior Girder 1	33.7	0.95	1	1	2.439796
HS15_str_opr	BOBJ1	157.54	Before	Interior Girder 2	33.7	0.95	1	1	2.402601
HS15_str_opr	BOBJ1	157.54	Before	Interior Girder 3	33.7	0.95	1	1	2.407431
HS15_str_opr	BOBJ1	157.54	Before	Interior Girder 4	33.7	0.95	1	1	2.407431
HS15_str_opr	BOBJ1	157.54	Before	Interior Girder 5	33.7	0.95	1	1	2.402601
HS15_str_opr	BOBJ1	157.54	Before	Interior Girder 6	33.7	0.95	1	1	2.439796
HS15_str_opr	BOBJ1	157.54	Before	Right Exterior Girder	33.7	0.95	1	1	2.566632
HS15_str_opr	BOBJ1	157.54	After	Left Exterior Girder	33.7	0.95	1	1	2.566945
HS15_str_opr	BOBJ1	157.54	After	Interior Girder 1	33.7	0.95	1	1	2.439758
HS15_str_opr	BOBJ1	157.54	After	Interior Girder 2	33.7	0.95	1	1	2.402511

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelINonCompStrgth-Flx - Approach, Span 7-11									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
HS15_str_opr	BOBJ1	157.54	After	Interior Girder 3	33.7	0.95	1	1	2.407535
HS15_str_opr	BOBJ1	157.54	After	Interior Girder 4	33.7	0.95	1	1	2.407535
HS15_str_opr	BOBJ1	157.54	After	Interior Girder 5	33.7	0.95	1	1	2.402511
HS15_str_opr	BOBJ1	157.54	After	Interior Girder 6	33.7	0.95	1	1	2.439758
HS15_str_opr	BOBJ1	157.54	After	Right Exterior Girder	33.7	0.95	1	1	2.566945
HS15_str_opr	BOBJ1	165.965	Before	Left Exterior Girder	42.125	0.95	1	1	3.192652
HS15_str_opr	BOBJ1	165.965	Before	Interior Girder 1	42.125	0.95	1	1	2.600364
HS15_str_opr	BOBJ1	165.965	Before	Interior Girder 2	42.125	0.95	1	1	2.541726
HS15_str_opr	BOBJ1	165.965	Before	Interior Girder 3	42.125	0.95	1	1	2.49361
HS15_str_opr	BOBJ1	165.965	Before	Interior Girder 4	42.125	0.95	1	1	2.49361
HS15_str_opr	BOBJ1	165.965	Before	Interior Girder 5	42.125	0.95	1	1	2.541726
HS15_str_opr	BOBJ1	165.965	Before	Interior Girder 6	42.125	0.95	1	1	2.600364
HS15_str_opr	BOBJ1	165.965	Before	Right Exterior Girder	42.125	0.95	1	1	3.192652
HS15_str_opr	BOBJ1	165.965	After	Left Exterior Girder	42.125	0.95	1	1	3.141643
HS15_str_opr	BOBJ1	165.965	After	Interior Girder 1	42.125	0.95	1	1	2.619566
HS15_str_opr	BOBJ1	165.965	After	Interior Girder 2	42.125	0.95	1	1	2.544021
HS15_str_opr	BOBJ1	165.965	After	Interior Girder 3	42.125	0.95	1	1	2.468347
HS15_str_opr	BOBJ1	165.965	After	Interior Girder 4	42.125	0.95	1	1	2.468347
HS15_str_opr	BOBJ1	165.965	After	Interior Girder 5	42.125	0.95	1	1	2.544021
HS15_str_opr	BOBJ1	165.965	After	Interior Girder 6	42.125	0.95	1	1	2.619566
HS15_str_opr	BOBJ1	165.965	After	Right Exterior Girder	42.125	0.95	1	1	3.141643
HS15_str_opr	BOBJ1	174.39	Before	Left Exterior Girder	50.55	0.95	1	1	5.282564
HS15_str_opr	BOBJ1	174.39	Before	Interior Girder 1	50.55	0.95	1	1	4.374799
HS15_str_opr	BOBJ1	174.39	Before	Interior Girder 2	50.55	0.95	1	1	4.095292
HS15_str_opr	BOBJ1	174.39	Before	Interior Girder 3	50.55	0.95	1	1	4.040091
HS15_str_opr	BOBJ1	174.39	Before	Interior Girder 4	50.55	0.95	1	1	4.040091
HS15_str_opr	BOBJ1	174.39	Before	Interior Girder 5	50.55	0.95	1	1	4.095292
HS15_str_opr	BOBJ1	174.39	Before	Interior Girder 6	50.55	0.95	1	1	4.374799
HS15_str_opr	BOBJ1	174.39	Before	Right Exterior Girder	50.55	0.95	1	1	5.282564
HS15_str_opr	BOBJ1	174.39	After	Left Exterior Girder	50.55	0.95	1	1	5.134408
HS15_str_opr	BOBJ1	174.39	After	Interior Girder 1	50.55	0.95	1	1	4.452957
HS15_str_opr	BOBJ1	174.39	After	Interior Girder 2	50.55	0.95	1	1	4.099072
HS15_str_opr	BOBJ1	174.39	After	Interior Girder 3	50.55	0.95	1	1	3.975252
HS15_str_opr	BOBJ1	174.39	After	Interior Girder 4	50.55	0.95	1	1	3.975252
HS15_str_opr	BOBJ1	174.39	After	Interior Girder 5	50.55	0.95	1	1	4.099072
HS15_str_opr	BOBJ1	174.39	After	Interior Girder 6	50.55	0.95	1	1	4.452957
HS15_str_opr	BOBJ1	174.39	After	Right Exterior Girder	50.55	0.95	1	1	5.134408
HS15_str_opr	BOBJ1	182.825	Before	Left Exterior Girder	58.985	0.95	1	1	3.94674
HS15_str_opr	BOBJ1	182.825	Before	Interior Girder 1	58.985	0.95	1	1	4.445421
HS15_str_opr	BOBJ1	182.825	Before	Interior Girder 2	58.985	0.95	1	1	4.418787
HS15_str_opr	BOBJ1	182.825	Before	Interior Girder 3	58.985	0.95	1	1	4.281494
HS15_str_opr	BOBJ1	182.825	Before	Interior Girder 4	58.985	0.95	1	1	4.281494
HS15_str_opr	BOBJ1	182.825	Before	Interior Girder 5	58.985	0.95	1	1	4.418787
HS15_str_opr	BOBJ1	182.825	Before	Interior Girder 6	58.985	0.95	1	1	4.445421
HS15_str_opr	BOBJ1	182.825	Before	Right Exterior Girder	58.985	0.95	1	1	3.94674
HS15_str_opr	BOBJ1	182.825	After	Left Exterior Girder	58.985	0.95	1	1	4.063036
HS15_str_opr	BOBJ1	182.825	After	Interior Girder 1	58.985	0.95	1	1	4.349824
HS15_str_opr	BOBJ1	182.825	After	Interior Girder 2	58.985	0.95	1	1	4.370692
HS15_str_opr	BOBJ1	182.825	After	Interior Girder 3	58.985	0.95	1	1	4.270036
HS15_str_opr	BOBJ1	182.825	After	Interior Girder 4	58.985	0.95	1	1	4.270036
HS15_str_opr	BOBJ1	182.825	After	Interior Girder 5	58.985	0.95	1	1	4.370692
HS15_str_opr	BOBJ1	182.825	After	Interior Girder 6	58.985	0.95	1	1	4.349824
HS15_str_opr	BOBJ1	182.825	After	Right Exterior Girder	58.985	0.95	1	1	4.063036
HS15_str_opr	BOBJ1	183.76	Before	Left Exterior Girder	59.92	0.95	1	1	3.673942
HS15_str_opr	BOBJ1	183.76	Before	Right Exterior Girder	59.92	0.95	1	1	3.673942
HS15_str_opr	BOBJ1	183.76	After	Left Exterior Girder	59.92	0.95	1	1	7.699184
HS15_str_opr	BOBJ1	183.76	After	Right Exterior Girder	59.92	0.95	1	1	7.699184
HS15_str_opr	BOBJ1	186.26	Before	Interior Girder 1	62.42	0.95	1	1	3.498873
HS15_str_opr	BOBJ1	186.26	Before	Interior Girder 2	62.42	0.95	1	1	3.512938
HS15_str_opr	BOBJ1	186.26	Before	Interior Girder 3	62.42	0.95	1	1	3.265721
HS15_str_opr	BOBJ1	186.26	Before	Interior Girder 4	62.42	0.95	1	1	3.265721
HS15_str_opr	BOBJ1	186.26	Before	Interior Girder 5	62.42	0.95	1	1	3.512938
HS15_str_opr	BOBJ1	186.26	Before	Interior Girder 6	62.42	0.95	1	1	3.498873
HS15_str_opr	BOBJ1	186.26	After	Interior Girder 1	62.42	0.95	1	1	5.044965
HS15_str_opr	BOBJ1	186.26	After	Interior Girder 2	62.42	0.95	1	1	4.922993

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelINonCompStrgth-Flx - Approach, Span 7-11									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
HS15_str_opr	BOBJ1	186.26	After	Interior Girder 3	62.42	0.95	1	1	4.63801
HS15_str_opr	BOBJ1	186.26	After	Interior Girder 4	62.42	0.95	1	1	4.63801
HS15_str_opr	BOBJ1	186.26	After	Interior Girder 5	62.42	0.95	1	1	4.922993
HS15_str_opr	BOBJ1	186.26	After	Interior Girder 6	62.42	0.95	1	1	5.044965
HS15_str_opr	BOBJ1	191.26	Before	Left Exterior Girder	67.42	0.95	1	1	4.438835
HS15_str_opr	BOBJ1	191.26	Before	Interior Girder 1	67.42	0.95	1	1	3.283548
HS15_str_opr	BOBJ1	191.26	Before	Interior Girder 2	67.42	0.95	1	1	3.205896
HS15_str_opr	BOBJ1	191.26	Before	Interior Girder 3	67.42	0.95	1	1	2.606568
HS15_str_opr	BOBJ1	191.26	Before	Interior Girder 4	67.42	0.95	1	1	2.606568
HS15_str_opr	BOBJ1	191.26	Before	Interior Girder 5	67.42	0.95	1	1	3.205896
HS15_str_opr	BOBJ1	191.26	Before	Interior Girder 6	67.42	0.95	1	1	3.283548
HS15_str_opr	BOBJ1	191.26	Before	Right Exterior Girder	67.42	0.95	1	1	4.438835
HS15_str_opr	BOBJ1	191.26	After	Left Exterior Girder	0	0.95	1	1	4.474306
HS15_str_opr	BOBJ1	191.26	After	Interior Girder 1	0	0.95	1	1	3.346994
HS15_str_opr	BOBJ1	191.26	After	Interior Girder 2	0	0.95	1	1	3.232623
HS15_str_opr	BOBJ1	191.26	After	Interior Girder 3	0	0.95	1	1	2.614585
HS15_str_opr	BOBJ1	191.26	After	Interior Girder 4	0	0.95	1	1	2.614585
HS15_str_opr	BOBJ1	191.26	After	Interior Girder 5	0	0.95	1	1	3.232623
HS15_str_opr	BOBJ1	191.26	After	Interior Girder 6	0	0.95	1	1	3.346994
HS15_str_opr	BOBJ1	191.26	After	Right Exterior Girder	0	0.95	1	1	4.474306
HS15_str_opr	BOBJ1	196.26	Before	Interior Girder 1	5	0.95	1	1	4.941584
HS15_str_opr	BOBJ1	196.26	Before	Interior Girder 2	5	0.95	1	1	4.843385
HS15_str_opr	BOBJ1	196.26	Before	Interior Girder 3	5	0.95	1	1	4.574542
HS15_str_opr	BOBJ1	196.26	Before	Interior Girder 4	5	0.95	1	1	4.574542
HS15_str_opr	BOBJ1	196.26	Before	Interior Girder 5	5	0.95	1	1	4.843385
HS15_str_opr	BOBJ1	196.26	Before	Interior Girder 6	5	0.95	1	1	4.941584
HS15_str_opr	BOBJ1	196.26	After	Interior Girder 1	5	0.95	1	1	3.422335
HS15_str_opr	BOBJ1	196.26	After	Interior Girder 2	5	0.95	1	1	3.454414
HS15_str_opr	BOBJ1	196.26	After	Interior Girder 3	5	0.95	1	1	3.209081
HS15_str_opr	BOBJ1	196.26	After	Interior Girder 4	5	0.95	1	1	3.209081
HS15_str_opr	BOBJ1	196.26	After	Interior Girder 5	5	0.95	1	1	3.454414
HS15_str_opr	BOBJ1	196.26	After	Interior Girder 6	5	0.95	1	1	3.422335
HS15_str_opr	BOBJ1	198.76	Before	Left Exterior Girder	7.5	0.95	1	1	7.521953
HS15_str_opr	BOBJ1	198.76	Before	Right Exterior Girder	7.5	0.95	1	1	7.521953
HS15_str_opr	BOBJ1	198.76	After	Left Exterior Girder	7.5	0.95	1	1	3.591382
HS15_str_opr	BOBJ1	198.76	After	Right Exterior Girder	7.5	0.95	1	1	3.591382
HS15_str_opr	BOBJ1	199.685	Before	Left Exterior Girder	8.425	0.95	1	1	3.951764
HS15_str_opr	BOBJ1	199.685	Before	Interior Girder 1	8.425	0.95	1	1	4.249543
HS15_str_opr	BOBJ1	199.685	Before	Interior Girder 2	8.425	0.95	1	1	4.292439
HS15_str_opr	BOBJ1	199.685	Before	Interior Girder 3	8.425	0.95	1	1	4.190821
HS15_str_opr	BOBJ1	199.685	Before	Interior Girder 4	8.425	0.95	1	1	4.190821
HS15_str_opr	BOBJ1	199.685	Before	Interior Girder 5	8.425	0.95	1	1	4.292439
HS15_str_opr	BOBJ1	199.685	Before	Interior Girder 6	8.425	0.95	1	1	4.249543
HS15_str_opr	BOBJ1	199.685	Before	Right Exterior Girder	8.425	0.95	1	1	3.951764
HS15_str_opr	BOBJ1	199.685	After	Left Exterior Girder	8.425	0.95	1	1	3.838552
HS15_str_opr	BOBJ1	199.685	After	Interior Girder 1	8.425	0.95	1	1	4.344223
HS15_str_opr	BOBJ1	199.685	After	Interior Girder 2	8.425	0.95	1	1	4.339007
HS15_str_opr	BOBJ1	199.685	After	Interior Girder 3	8.425	0.95	1	1	4.200715
HS15_str_opr	BOBJ1	199.685	After	Interior Girder 4	8.425	0.95	1	1	4.200715
HS15_str_opr	BOBJ1	199.685	After	Interior Girder 5	8.425	0.95	1	1	4.339007
HS15_str_opr	BOBJ1	199.685	After	Interior Girder 6	8.425	0.95	1	1	4.344223
HS15_str_opr	BOBJ1	199.685	After	Right Exterior Girder	8.425	0.95	1	1	3.838552
HS15_str_opr	BOBJ1	208.11	Before	Left Exterior Girder	16.85	0.95	1	1	5.109
HS15_str_opr	BOBJ1	208.11	Before	Interior Girder 1	16.85	0.95	1	1	4.452802
HS15_str_opr	BOBJ1	208.11	Before	Interior Girder 2	16.85	0.95	1	1	4.095933
HS15_str_opr	BOBJ1	208.11	Before	Interior Girder 3	16.85	0.95	1	1	3.969339
HS15_str_opr	BOBJ1	208.11	Before	Interior Girder 4	16.85	0.95	1	1	3.969339
HS15_str_opr	BOBJ1	208.11	Before	Interior Girder 5	16.85	0.95	1	1	4.095933
HS15_str_opr	BOBJ1	208.11	Before	Interior Girder 6	16.85	0.95	1	1	4.452802
HS15_str_opr	BOBJ1	208.11	Before	Right Exterior Girder	16.85	0.95	1	1	5.109
HS15_str_opr	BOBJ1	208.11	After	Left Exterior Girder	16.85	0.95	1	1	5.25384
HS15_str_opr	BOBJ1	208.11	After	Interior Girder 1	16.85	0.95	1	1	4.373762
HS15_str_opr	BOBJ1	208.11	After	Interior Girder 2	16.85	0.95	1	1	4.093
HS15_str_opr	BOBJ1	208.11	After	Interior Girder 3	16.85	0.95	1	1	4.035112
HS15_str_opr	BOBJ1	208.11	After	Interior Girder 4	16.85	0.95	1	1	4.035112

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelINonCompStrgth-Flx - Approach, Span 7-11									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
HS15_str_opr	BOBJ1	208.11	After	Interior Girder 5	16.85	0.95	1	1	4.093
HS15_str_opr	BOBJ1	208.11	After	Interior Girder 6	16.85	0.95	1	1	4.373762
HS15_str_opr	BOBJ1	208.11	After	Right Exterior Girder	16.85	0.95	1	1	5.25384
HS15_str_opr	BOBJ1	216.535	Before	Left Exterior Girder	25.275	0.95	1	1	3.162479
HS15_str_opr	BOBJ1	216.535	Before	Interior Girder 1	25.275	0.95	1	1	2.638934
HS15_str_opr	BOBJ1	216.535	Before	Interior Girder 2	25.275	0.95	1	1	2.556602
HS15_str_opr	BOBJ1	216.535	Before	Interior Girder 3	25.275	0.95	1	1	2.473722
HS15_str_opr	BOBJ1	216.535	Before	Interior Girder 4	25.275	0.95	1	1	2.473722
HS15_str_opr	BOBJ1	216.535	Before	Interior Girder 5	25.275	0.95	1	1	2.556602
HS15_str_opr	BOBJ1	216.535	Before	Interior Girder 6	25.275	0.95	1	1	2.638934
HS15_str_opr	BOBJ1	216.535	Before	Right Exterior Girder	25.275	0.95	1	1	3.162479
HS15_str_opr	BOBJ1	216.535	After	Left Exterior Girder	25.275	0.95	1	1	3.212047
HS15_str_opr	BOBJ1	216.535	After	Interior Girder 1	25.275	0.95	1	1	2.618934
HS15_str_opr	BOBJ1	216.535	After	Interior Girder 2	25.275	0.95	1	1	2.55508
HS15_str_opr	BOBJ1	216.535	After	Interior Girder 3	25.275	0.95	1	1	2.499598
HS15_str_opr	BOBJ1	216.535	After	Interior Girder 4	25.275	0.95	1	1	2.499598
HS15_str_opr	BOBJ1	216.535	After	Interior Girder 5	25.275	0.95	1	1	2.55508
HS15_str_opr	BOBJ1	216.535	After	Interior Girder 6	25.275	0.95	1	1	2.618934
HS15_str_opr	BOBJ1	216.535	After	Right Exterior Girder	25.275	0.95	1	1	3.212047
HS15_str_opr	BOBJ1	224.96	Before	Left Exterior Girder	33.7	0.95	1	1	2.608598
HS15_str_opr	BOBJ1	224.96	Before	Interior Girder 1	33.7	0.95	1	1	2.477595
HS15_str_opr	BOBJ1	224.96	Before	Interior Girder 2	33.7	0.95	1	1	2.424477
HS15_str_opr	BOBJ1	224.96	Before	Interior Girder 3	33.7	0.95	1	1	2.419884
HS15_str_opr	BOBJ1	224.96	Before	Interior Girder 4	33.7	0.95	1	1	2.419884
HS15_str_opr	BOBJ1	224.96	Before	Interior Girder 5	33.7	0.95	1	1	2.424477
HS15_str_opr	BOBJ1	224.96	Before	Interior Girder 6	33.7	0.95	1	1	2.477595
HS15_str_opr	BOBJ1	224.96	Before	Right Exterior Girder	33.7	0.95	1	1	2.608598
HS15_str_opr	BOBJ1	224.96	After	Left Exterior Girder	33.7	0.95	1	1	2.60556
HS15_str_opr	BOBJ1	224.96	After	Interior Girder 1	33.7	0.95	1	1	2.478288
HS15_str_opr	BOBJ1	224.96	After	Interior Girder 2	33.7	0.95	1	1	2.427276
HS15_str_opr	BOBJ1	224.96	After	Interior Girder 3	33.7	0.95	1	1	2.421239
HS15_str_opr	BOBJ1	224.96	After	Interior Girder 4	33.7	0.95	1	1	2.421239
HS15_str_opr	BOBJ1	224.96	After	Interior Girder 5	33.7	0.95	1	1	2.427276
HS15_str_opr	BOBJ1	224.96	After	Interior Girder 6	33.7	0.95	1	1	2.478288
HS15_str_opr	BOBJ1	224.96	After	Right Exterior Girder	33.7	0.95	1	1	2.60556
HS15_str_opr	BOBJ1	233.385	Before	Left Exterior Girder	42.125	0.95	1	1	3.297641
HS15_str_opr	BOBJ1	233.385	Before	Interior Girder 1	42.125	0.95	1	1	2.654789
HS15_str_opr	BOBJ1	233.385	Before	Interior Girder 2	42.125	0.95	1	1	2.578986
HS15_str_opr	BOBJ1	233.385	Before	Interior Girder 3	42.125	0.95	1	1	2.520763
HS15_str_opr	BOBJ1	233.385	Before	Interior Girder 4	42.125	0.95	1	1	2.520763
HS15_str_opr	BOBJ1	233.385	Before	Interior Girder 5	42.125	0.95	1	1	2.578986
HS15_str_opr	BOBJ1	233.385	Before	Interior Girder 6	42.125	0.95	1	1	2.654789
HS15_str_opr	BOBJ1	233.385	Before	Right Exterior Girder	42.125	0.95	1	1	3.297641
HS15_str_opr	BOBJ1	233.385	After	Left Exterior Girder	42.125	0.95	1	1	3.239192
HS15_str_opr	BOBJ1	233.385	After	Interior Girder 1	42.125	0.95	1	1	2.677682
HS15_str_opr	BOBJ1	233.385	After	Interior Girder 2	42.125	0.95	1	1	2.582547
HS15_str_opr	BOBJ1	233.385	After	Interior Girder 3	42.125	0.95	1	1	2.495364
HS15_str_opr	BOBJ1	233.385	After	Interior Girder 4	42.125	0.95	1	1	2.495364
HS15_str_opr	BOBJ1	233.385	After	Interior Girder 5	42.125	0.95	1	1	2.582547
HS15_str_opr	BOBJ1	233.385	After	Interior Girder 6	42.125	0.95	1	1	2.677682
HS15_str_opr	BOBJ1	233.385	After	Right Exterior Girder	42.125	0.95	1	1	3.239192
HS15_str_opr	BOBJ1	241.81	Before	Left Exterior Girder	50.55	0.95	1	1	5.565566
HS15_str_opr	BOBJ1	241.81	Before	Interior Girder 1	50.55	0.95	1	1	4.496791
HS15_str_opr	BOBJ1	241.81	Before	Interior Girder 2	50.55	0.95	1	1	4.169606
HS15_str_opr	BOBJ1	241.81	Before	Interior Girder 3	50.55	0.95	1	1	4.082178
HS15_str_opr	BOBJ1	241.81	Before	Interior Girder 4	50.55	0.95	1	1	4.082178
HS15_str_opr	BOBJ1	241.81	Before	Interior Girder 5	50.55	0.95	1	1	4.169606
HS15_str_opr	BOBJ1	241.81	Before	Interior Girder 6	50.55	0.95	1	1	4.496791
HS15_str_opr	BOBJ1	241.81	Before	Right Exterior Girder	50.55	0.95	1	1	5.565566
HS15_str_opr	BOBJ1	241.81	After	Left Exterior Girder	50.55	0.95	1	1	5.429857
HS15_str_opr	BOBJ1	241.81	After	Interior Girder 1	50.55	0.95	1	1	4.573769
HS15_str_opr	BOBJ1	241.81	After	Interior Girder 2	50.55	0.95	1	1	4.19442
HS15_str_opr	BOBJ1	241.81	After	Interior Girder 3	50.55	0.95	1	1	4.052998
HS15_str_opr	BOBJ1	241.81	After	Interior Girder 4	50.55	0.95	1	1	4.052998
HS15_str_opr	BOBJ1	241.81	After	Interior Girder 5	50.55	0.95	1	1	4.19442

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelINonCompStrgth-Flx - Approach, Span 7-11									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
HS15_str_opr	BOBJ1	241.81	After	Interior Girder 6	50.55	0.95	1	1	4.573769
HS15_str_opr	BOBJ1	241.81	After	Right Exterior Girder	50.55	0.95	1	1	5.429857
HS15_str_opr	BOBJ1	245.18	Before	Left Exterior Girder	53.92	0.95	1	1	6.280961
HS15_str_opr	BOBJ1	245.18	Before	Interior Girder 1	53.92	0.95	1	1	5.950296
HS15_str_opr	BOBJ1	245.18	Before	Interior Girder 2	53.92	0.95	1	1	5.371071
HS15_str_opr	BOBJ1	245.18	Before	Interior Girder 3	53.92	0.95	1	1	5.273523
HS15_str_opr	BOBJ1	245.18	Before	Interior Girder 4	53.92	0.95	1	1	5.273523
HS15_str_opr	BOBJ1	245.18	Before	Interior Girder 5	53.92	0.95	1	1	5.371071
HS15_str_opr	BOBJ1	245.18	Before	Interior Girder 6	53.92	0.95	1	1	5.950296
HS15_str_opr	BOBJ1	245.18	Before	Right Exterior Girder	53.92	0.95	1	1	6.280961
HS15_str_opr	BOBJ1	245.18	After	Left Exterior Girder	53.92	0.95	1	1	7.344844
HS15_str_opr	BOBJ1	245.18	After	Interior Girder 1	53.92	0.95	1	1	6.365302
HS15_str_opr	BOBJ1	245.18	After	Interior Girder 2	53.92	0.95	1	1	5.723378
HS15_str_opr	BOBJ1	245.18	After	Interior Girder 3	53.92	0.95	1	1	5.550092
HS15_str_opr	BOBJ1	245.18	After	Interior Girder 4	53.92	0.95	1	1	5.550092
HS15_str_opr	BOBJ1	245.18	After	Interior Girder 5	53.92	0.95	1	1	5.723378
HS15_str_opr	BOBJ1	245.18	After	Interior Girder 6	53.92	0.95	1	1	6.365302
HS15_str_opr	BOBJ1	245.18	After	Right Exterior Girder	53.92	0.95	1	1	7.344844
HS15_str_opr	BOBJ1	250.245	Before	Left Exterior Girder	58.985	0.95	1	1	5.217614
HS15_str_opr	BOBJ1	250.245	Before	Interior Girder 1	58.985	0.95	1	1	5.306098
HS15_str_opr	BOBJ1	250.245	Before	Interior Girder 2	58.985	0.95	1	1	5.097057
HS15_str_opr	BOBJ1	250.245	Before	Interior Girder 3	58.985	0.95	1	1	4.897135
HS15_str_opr	BOBJ1	250.245	Before	Interior Girder 4	58.985	0.95	1	1	4.897135
HS15_str_opr	BOBJ1	250.245	Before	Interior Girder 5	58.985	0.95	1	1	5.097057
HS15_str_opr	BOBJ1	250.245	Before	Interior Girder 6	58.985	0.95	1	1	5.306098
HS15_str_opr	BOBJ1	250.245	Before	Right Exterior Girder	58.985	0.95	1	1	5.217614
HS15_str_opr	BOBJ1	250.245	After	Left Exterior Girder	58.985	0.95	1	1	5.279168
HS15_str_opr	BOBJ1	250.245	After	Interior Girder 1	58.985	0.95	1	1	5.240812
HS15_str_opr	BOBJ1	250.245	After	Interior Girder 2	58.985	0.95	1	1	5.038809
HS15_str_opr	BOBJ1	250.245	After	Interior Girder 3	58.985	0.95	1	1	4.867726
HS15_str_opr	BOBJ1	250.245	After	Interior Girder 4	58.985	0.95	1	1	4.867726
HS15_str_opr	BOBJ1	250.245	After	Interior Girder 5	58.985	0.95	1	1	5.038809
HS15_str_opr	BOBJ1	250.245	After	Interior Girder 6	58.985	0.95	1	1	5.240812
HS15_str_opr	BOBJ1	250.245	After	Right Exterior Girder	58.985	0.95	1	1	5.279168
HS15_str_opr	BOBJ1	251.68	Before	Left Exterior Girder	60.42	0.95	1	1	4.681939
HS15_str_opr	BOBJ1	251.68	Before	Right Exterior Girder	60.42	0.95	1	1	4.681939
HS15_str_opr	BOBJ1	251.68	After	Left Exterior Girder	60.42	0.95	1	1	8.513038
HS15_str_opr	BOBJ1	251.68	After	Right Exterior Girder	60.42	0.95	1	1	8.513038
HS15_str_opr	BOBJ1	254.18	Before	Interior Girder 1	62.92	0.95	1	1	4.061294
HS15_str_opr	BOBJ1	254.18	Before	Interior Girder 2	62.92	0.95	1	1	3.945787
HS15_str_opr	BOBJ1	254.18	Before	Interior Girder 3	62.92	0.95	1	1	3.545825
HS15_str_opr	BOBJ1	254.18	Before	Interior Girder 4	62.92	0.95	1	1	3.545825
HS15_str_opr	BOBJ1	254.18	Before	Interior Girder 5	62.92	0.95	1	1	3.945787
HS15_str_opr	BOBJ1	254.18	Before	Interior Girder 6	62.92	0.95	1	1	4.061294
HS15_str_opr	BOBJ1	254.18	After	Interior Girder 1	62.92	0.95	1	1	5.072274
HS15_str_opr	BOBJ1	254.18	After	Interior Girder 2	62.92	0.95	1	1	4.809682
HS15_str_opr	BOBJ1	254.18	After	Interior Girder 3	62.92	0.95	1	1	4.365296
HS15_str_opr	BOBJ1	254.18	After	Interior Girder 4	62.92	0.95	1	1	4.365296
HS15_str_opr	BOBJ1	254.18	After	Interior Girder 5	62.92	0.95	1	1	4.809682
HS15_str_opr	BOBJ1	254.18	After	Interior Girder 6	62.92	0.95	1	1	5.072274
HS15_str_opr	BOBJ1	258.68	Before	Left Exterior Girder	67.42	0.95	1	1	4.322208
HS15_str_opr	BOBJ1	258.68	Before	Interior Girder 1	67.42	0.95	1	1	2.957301
HS15_str_opr	BOBJ1	258.68	Before	Interior Girder 2	67.42	0.95	1	1	2.890496
HS15_str_opr	BOBJ1	258.68	Before	Interior Girder 3	67.42	0.95	1	1	2.373439
HS15_str_opr	BOBJ1	258.68	Before	Interior Girder 4	67.42	0.95	1	1	2.373439
HS15_str_opr	BOBJ1	258.68	Before	Interior Girder 5	67.42	0.95	1	1	2.890496
HS15_str_opr	BOBJ1	258.68	Before	Interior Girder 6	67.42	0.95	1	1	2.957301
HS15_str_opr	BOBJ1	258.68	Before	Right Exterior Girder	67.42	0.95	1	1	4.322208
HS15_str_opr	BOBJ1	258.68	After	Left Exterior Girder	0	0.95	1	1	4.202931
HS15_str_opr	BOBJ1	258.68	After	Interior Girder 1	0	0.95	1	1	2.931115
HS15_str_opr	BOBJ1	258.68	After	Interior Girder 2	0	0.95	1	1	2.865346
HS15_str_opr	BOBJ1	258.68	After	Interior Girder 3	0	0.95	1	1	2.295945
HS15_str_opr	BOBJ1	258.68	After	Interior Girder 4	0	0.95	1	1	2.295945
HS15_str_opr	BOBJ1	258.68	After	Interior Girder 5	0	0.95	1	1	2.865346
HS15_str_opr	BOBJ1	258.68	After	Interior Girder 6	0	0.95	1	1	2.931115

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelINonCompStrgth-Flx - Approach, Span 7-11									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
HS15_str_opr	BOBJ1	258.68	After	Right Exterior Girder	0	0.95	1	1	4.202931
HS15_str_opr	BOBJ1	263.18	Before	Interior Girder 1	4.5	0.95	1	1	4.223832
HS15_str_opr	BOBJ1	263.18	Before	Interior Girder 2	4.5	0.95	1	1	4.117128
HS15_str_opr	BOBJ1	263.18	Before	Interior Girder 3	4.5	0.95	1	1	3.85113
HS15_str_opr	BOBJ1	263.18	Before	Interior Girder 4	4.5	0.95	1	1	3.85113
HS15_str_opr	BOBJ1	263.18	Before	Interior Girder 5	4.5	0.95	1	1	4.117128
HS15_str_opr	BOBJ1	263.18	Before	Interior Girder 6	4.5	0.95	1	1	4.223832
HS15_str_opr	BOBJ1	263.18	After	Interior Girder 1	4.5	0.95	1	1	3.362413
HS15_str_opr	BOBJ1	263.18	After	Interior Girder 2	4.5	0.95	1	1	3.371493
HS15_str_opr	BOBJ1	263.18	After	Interior Girder 3	4.5	0.95	1	1	3.114618
HS15_str_opr	BOBJ1	263.18	After	Interior Girder 4	4.5	0.95	1	1	3.114618
HS15_str_opr	BOBJ1	263.18	After	Interior Girder 5	4.5	0.95	1	1	3.371493
HS15_str_opr	BOBJ1	263.18	After	Interior Girder 6	4.5	0.95	1	1	3.362413
HS15_str_opr	BOBJ1	265.68	Before	Left Exterior Girder	7	0.95	1	1	6.710706
HS15_str_opr	BOBJ1	265.68	Before	Right Exterior Girder	7	0.95	1	1	6.710706
HS15_str_opr	BOBJ1	265.68	After	Left Exterior Girder	7	0.95	1	1	3.702341
HS15_str_opr	BOBJ1	265.68	After	Right Exterior Girder	7	0.95	1	1	3.702341
HS15_str_opr	BOBJ1	268.08	Before	Left Exterior Girder	9.4	0.95	1	1	4.553376
HS15_str_opr	BOBJ1	268.08	Before	Interior Girder 1	9.4	0.95	1	1	4.584437
HS15_str_opr	BOBJ1	268.08	Before	Interior Girder 2	9.4	0.95	1	1	4.581253
HS15_str_opr	BOBJ1	268.08	Before	Interior Girder 3	9.4	0.95	1	1	4.504407
HS15_str_opr	BOBJ1	268.08	Before	Interior Girder 4	9.4	0.95	1	1	4.504407
HS15_str_opr	BOBJ1	268.08	Before	Interior Girder 5	9.4	0.95	1	1	4.581253
HS15_str_opr	BOBJ1	268.08	Before	Interior Girder 6	9.4	0.95	1	1	4.584437
HS15_str_opr	BOBJ1	268.08	Before	Right Exterior Girder	9.4	0.95	1	1	4.553376
HS15_str_opr	BOBJ1	268.08	After	Left Exterior Girder	9.4	0.95	1	1	4.438955
HS15_str_opr	BOBJ1	268.08	After	Interior Girder 1	9.4	0.95	1	1	4.675718
HS15_str_opr	BOBJ1	268.08	After	Interior Girder 2	9.4	0.95	1	1	4.646494
HS15_str_opr	BOBJ1	268.08	After	Interior Girder 3	9.4	0.95	1	1	4.522602
HS15_str_opr	BOBJ1	268.08	After	Interior Girder 4	9.4	0.95	1	1	4.522602
HS15_str_opr	BOBJ1	268.08	After	Interior Girder 5	9.4	0.95	1	1	4.646494
HS15_str_opr	BOBJ1	268.08	After	Interior Girder 6	9.4	0.95	1	1	4.675718
HS15_str_opr	BOBJ1	268.08	After	Right Exterior Girder	9.4	0.95	1	1	4.438955
HS15_str_opr	BOBJ1	277.48	Before	Left Exterior Girder	18.8	0.95	1	1	4.41509
HS15_str_opr	BOBJ1	277.48	Before	Interior Girder 1	18.8	0.95	1	1	3.854143
HS15_str_opr	BOBJ1	277.48	Before	Interior Girder 2	18.8	0.95	1	1	3.549166
HS15_str_opr	BOBJ1	277.48	Before	Interior Girder 3	18.8	0.95	1	1	3.444069
HS15_str_opr	BOBJ1	277.48	Before	Interior Girder 4	18.8	0.95	1	1	3.444069
HS15_str_opr	BOBJ1	277.48	Before	Interior Girder 5	18.8	0.95	1	1	3.549166
HS15_str_opr	BOBJ1	277.48	Before	Interior Girder 6	18.8	0.95	1	1	3.854143
HS15_str_opr	BOBJ1	277.48	Before	Right Exterior Girder	18.8	0.95	1	1	4.41509
HS15_str_opr	BOBJ1	277.48	After	Left Exterior Girder	18.8	0.95	1	1	4.517286
HS15_str_opr	BOBJ1	277.48	After	Interior Girder 1	18.8	0.95	1	1	3.785894
HS15_str_opr	BOBJ1	277.48	After	Interior Girder 2	18.8	0.95	1	1	3.553754
HS15_str_opr	BOBJ1	277.48	After	Interior Girder 3	18.8	0.95	1	1	3.490647
HS15_str_opr	BOBJ1	277.48	After	Interior Girder 4	18.8	0.95	1	1	3.490647
HS15_str_opr	BOBJ1	277.48	After	Interior Girder 5	18.8	0.95	1	1	3.553754
HS15_str_opr	BOBJ1	277.48	After	Interior Girder 6	18.8	0.95	1	1	3.785894
HS15_str_opr	BOBJ1	277.48	After	Right Exterior Girder	18.8	0.95	1	1	4.517286
HS15_str_opr	BOBJ1	286.88	Before	Left Exterior Girder	28.2	0.95	1	1	3.100525
HS15_str_opr	BOBJ1	286.88	Before	Interior Girder 1	28.2	0.95	1	1	2.442965
HS15_str_opr	BOBJ1	286.88	Before	Interior Girder 2	28.2	0.95	1	1	2.352358
HS15_str_opr	BOBJ1	286.88	Before	Interior Girder 3	28.2	0.95	1	1	2.263491
HS15_str_opr	BOBJ1	286.88	Before	Interior Girder 4	28.2	0.95	1	1	2.263491
HS15_str_opr	BOBJ1	286.88	Before	Interior Girder 5	28.2	0.95	1	1	2.352358
HS15_str_opr	BOBJ1	286.88	Before	Interior Girder 6	28.2	0.95	1	1	2.442965
HS15_str_opr	BOBJ1	286.88	Before	Right Exterior Girder	28.2	0.95	1	1	3.100525
HS15_str_opr	BOBJ1	286.88	After	Left Exterior Girder	28.2	0.95	1	1	3.117103
HS15_str_opr	BOBJ1	286.88	After	Interior Girder 1	28.2	0.95	1	1	2.43738
HS15_str_opr	BOBJ1	286.88	After	Interior Girder 2	28.2	0.95	1	1	2.358877
HS15_str_opr	BOBJ1	286.88	After	Interior Girder 3	28.2	0.95	1	1	2.279179
HS15_str_opr	BOBJ1	286.88	After	Interior Girder 4	28.2	0.95	1	1	2.279179
HS15_str_opr	BOBJ1	286.88	After	Interior Girder 5	28.2	0.95	1	1	2.358877
HS15_str_opr	BOBJ1	286.88	After	Interior Girder 6	28.2	0.95	1	1	2.43738
HS15_str_opr	BOBJ1	286.88	After	Right Exterior Girder	28.2	0.95	1	1	3.117103

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelINonCompStrgth-Flx - Approach, Span 7-11									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
HS15_str_opr	BOBJ1	296.28	Before	Left Exterior Girder	37.6	0.95	1	1	2.857253
HS15_str_opr	BOBJ1	296.28	Before	Interior Girder 1	37.6	0.95	1	1	2.538264
HS15_str_opr	BOBJ1	296.28	Before	Interior Girder 2	37.6	0.95	1	1	2.437857
HS15_str_opr	BOBJ1	296.28	Before	Interior Girder 3	37.6	0.95	1	1	2.416795
HS15_str_opr	BOBJ1	296.28	Before	Interior Girder 4	37.6	0.95	1	1	2.416795
HS15_str_opr	BOBJ1	296.28	Before	Interior Girder 5	37.6	0.95	1	1	2.437857
HS15_str_opr	BOBJ1	296.28	Before	Interior Girder 6	37.6	0.95	1	1	2.538264
HS15_str_opr	BOBJ1	296.28	Before	Right Exterior Girder	37.6	0.95	1	1	2.857253
HS15_str_opr	BOBJ1	296.28	After	Left Exterior Girder	37.6	0.95	1	1	2.822686
HS15_str_opr	BOBJ1	296.28	After	Interior Girder 1	37.6	0.95	1	1	2.562815
HS15_str_opr	BOBJ1	296.28	After	Interior Girder 2	37.6	0.95	1	1	2.4345
HS15_str_opr	BOBJ1	296.28	After	Interior Girder 3	37.6	0.95	1	1	2.398519
HS15_str_opr	BOBJ1	296.28	After	Interior Girder 4	37.6	0.95	1	1	2.398519
HS15_str_opr	BOBJ1	296.28	After	Interior Girder 5	37.6	0.95	1	1	2.4345
HS15_str_opr	BOBJ1	296.28	After	Interior Girder 6	37.6	0.95	1	1	2.562815
HS15_str_opr	BOBJ1	296.28	After	Right Exterior Girder	37.6	0.95	1	1	2.822686
HS15_str_opr	BOBJ1	305.69	Before	Left Exterior Girder	47.01	0.95	1	1	5.046886
HS15_str_opr	BOBJ1	305.69	Before	Interior Girder 1	47.01	0.95	1	1	3.470229
HS15_str_opr	BOBJ1	305.69	Before	Interior Girder 2	47.01	0.95	1	1	3.330587
HS15_str_opr	BOBJ1	305.69	Before	Interior Girder 3	47.01	0.95	1	1	3.159463
HS15_str_opr	BOBJ1	305.69	Before	Interior Girder 4	47.01	0.95	1	1	3.159463
HS15_str_opr	BOBJ1	305.69	Before	Interior Girder 5	47.01	0.95	1	1	3.330587
HS15_str_opr	BOBJ1	305.69	Before	Interior Girder 6	47.01	0.95	1	1	3.470229
HS15_str_opr	BOBJ1	305.69	Before	Right Exterior Girder	47.01	0.95	1	1	5.046886
HS15_str_opr	BOBJ1	305.69	After	Left Exterior Girder	47.01	0.95	1	1	5.018392
HS15_str_opr	BOBJ1	305.69	After	Interior Girder 1	47.01	0.95	1	1	3.485195
HS15_str_opr	BOBJ1	305.69	After	Interior Girder 2	47.01	0.95	1	1	3.269744
HS15_str_opr	BOBJ1	305.69	After	Interior Girder 3	47.01	0.95	1	1	3.043049
HS15_str_opr	BOBJ1	305.69	After	Interior Girder 4	47.01	0.95	1	1	3.043049
HS15_str_opr	BOBJ1	305.69	After	Interior Girder 5	47.01	0.95	1	1	3.269744
HS15_str_opr	BOBJ1	305.69	After	Interior Girder 6	47.01	0.95	1	1	3.485195
HS15_str_opr	BOBJ1	305.69	After	Right Exterior Girder	47.01	0.95	1	1	5.018392
HS15_str_opr	BOBJ1	315.1	Before	Left Exterior Girder	56.42	0.95	1	1	400.207595
HS15_str_opr	BOBJ1	315.1	Before	Interior Girder 1	56.42	0.95	1	1	347.571481
HS15_str_opr	BOBJ1	315.1	Before	Interior Girder 2	56.42	0.95	1	1	259.404418
HS15_str_opr	BOBJ1	315.1	Before	Interior Girder 3	56.42	0.95	1	1	189.39231
HS15_str_opr	BOBJ1	315.1	Before	Interior Girder 4	56.42	0.95	1	1	189.392309
HS15_str_opr	BOBJ1	315.1	Before	Interior Girder 5	56.42	0.95	1	1	259.404418
HS15_str_opr	BOBJ1	315.1	Before	Interior Girder 6	56.42	0.95	1	1	347.57148
HS15_str_opr	BOBJ1	315.1	Before	Right Exterior Girder	56.42	0.95	1	1	400.207597
HS15_str_inv	BOBJ1	0	After	Left Exterior Girder	0	0.95	1	1	295.033509
HS15_str_inv	BOBJ1	0	After	Interior Girder 1	0	0.95	1	1	243.653941
HS15_str_inv	BOBJ1	0	After	Interior Girder 2	0	0.95	1	1	204.359359
HS15_str_inv	BOBJ1	0	After	Interior Girder 3	0	0.95	1	1	142.994257
HS15_str_inv	BOBJ1	0	After	Interior Girder 4	0	0.95	1	1	142.994256
HS15_str_inv	BOBJ1	0	After	Interior Girder 5	0	0.95	1	1	204.359359
HS15_str_inv	BOBJ1	0	After	Interior Girder 6	0	0.95	1	1	243.653944
HS15_str_inv	BOBJ1	0	After	Right Exterior Girder	0	0.95	1	1	295.033509
HS15_str_inv	BOBJ1	9.4	Before	Left Exterior Girder	9.4	0.95	1	1	3.844958
HS15_str_inv	BOBJ1	9.4	Before	Interior Girder 1	9.4	0.95	1	1	2.677749
HS15_str_inv	BOBJ1	9.4	Before	Interior Girder 2	9.4	0.95	1	1	2.514397
HS15_str_inv	BOBJ1	9.4	Before	Interior Girder 3	9.4	0.95	1	1	2.342707
HS15_str_inv	BOBJ1	9.4	Before	Interior Girder 4	9.4	0.95	1	1	2.342707
HS15_str_inv	BOBJ1	9.4	Before	Interior Girder 5	9.4	0.95	1	1	2.514397
HS15_str_inv	BOBJ1	9.4	Before	Interior Girder 6	9.4	0.95	1	1	2.677749
HS15_str_inv	BOBJ1	9.4	Before	Right Exterior Girder	9.4	0.95	1	1	3.844958
HS15_str_inv	BOBJ1	9.4	After	Left Exterior Girder	9.4	0.95	1	1	3.869491
HS15_str_inv	BOBJ1	9.4	After	Interior Girder 1	9.4	0.95	1	1	2.664909
HS15_str_inv	BOBJ1	9.4	After	Interior Girder 2	9.4	0.95	1	1	2.561193
HS15_str_inv	BOBJ1	9.4	After	Interior Girder 3	9.4	0.95	1	1	2.432321
HS15_str_inv	BOBJ1	9.4	After	Interior Girder 4	9.4	0.95	1	1	2.432321
HS15_str_inv	BOBJ1	9.4	After	Interior Girder 5	9.4	0.95	1	1	2.561193
HS15_str_inv	BOBJ1	9.4	After	Interior Girder 6	9.4	0.95	1	1	2.664909
HS15_str_inv	BOBJ1	9.4	After	Right Exterior Girder	9.4	0.95	1	1	3.869491
HS15_str_inv	BOBJ1	18.8	Before	Left Exterior Girder	18.8	0.95	1	1	2.169304

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelINonCompStrgth-Flx - Approach, Span 7-11									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
HS15_str_inv	BOBJ1	18.8	Before	Interior Girder 1	18.8	0.95	1	1	1.966248
HS15_str_inv	BOBJ1	18.8	Before	Interior Girder 2	18.8	0.95	1	1	1.872029
HS15_str_inv	BOBJ1	18.8	Before	Interior Girder 3	18.8	0.95	1	1	1.847087
HS15_str_inv	BOBJ1	18.8	Before	Interior Girder 4	18.8	0.95	1	1	1.847087
HS15_str_inv	BOBJ1	18.8	Before	Interior Girder 5	18.8	0.95	1	1	1.872029
HS15_str_inv	BOBJ1	18.8	Before	Interior Girder 6	18.8	0.95	1	1	1.966248
HS15_str_inv	BOBJ1	18.8	Before	Right Exterior Girder	18.8	0.95	1	1	2.169304
HS15_str_inv	BOBJ1	18.8	After	Left Exterior Girder	18.8	0.95	1	1	2.195492
HS15_str_inv	BOBJ1	18.8	After	Interior Girder 1	18.8	0.95	1	1	1.948034
HS15_str_inv	BOBJ1	18.8	After	Interior Girder 2	18.8	0.95	1	1	1.874415
HS15_str_inv	BOBJ1	18.8	After	Interior Girder 3	18.8	0.95	1	1	1.860909
HS15_str_inv	BOBJ1	18.8	After	Interior Girder 4	18.8	0.95	1	1	1.860909
HS15_str_inv	BOBJ1	18.8	After	Interior Girder 5	18.8	0.95	1	1	1.874415
HS15_str_inv	BOBJ1	18.8	After	Interior Girder 6	18.8	0.95	1	1	1.948034
HS15_str_inv	BOBJ1	18.8	After	Right Exterior Girder	18.8	0.95	1	1	2.195492
HS15_str_inv	BOBJ1	28.2	Before	Left Exterior Girder	28.2	0.95	1	1	2.398604
HS15_str_inv	BOBJ1	28.2	Before	Interior Girder 1	28.2	0.95	1	1	1.873182
HS15_str_inv	BOBJ1	28.2	Before	Interior Girder 2	28.2	0.95	1	1	1.814578
HS15_str_inv	BOBJ1	28.2	Before	Interior Girder 3	28.2	0.95	1	1	1.754869
HS15_str_inv	BOBJ1	28.2	Before	Interior Girder 4	28.2	0.95	1	1	1.754869
HS15_str_inv	BOBJ1	28.2	Before	Interior Girder 5	28.2	0.95	1	1	1.814578
HS15_str_inv	BOBJ1	28.2	Before	Interior Girder 6	28.2	0.95	1	1	1.873182
HS15_str_inv	BOBJ1	28.2	Before	Right Exterior Girder	28.2	0.95	1	1	2.398604
HS15_str_inv	BOBJ1	28.2	After	Left Exterior Girder	28.2	0.95	1	1	2.385714
HS15_str_inv	BOBJ1	28.2	After	Interior Girder 1	28.2	0.95	1	1	1.877279
HS15_str_inv	BOBJ1	28.2	After	Interior Girder 2	28.2	0.95	1	1	1.809592
HS15_str_inv	BOBJ1	28.2	After	Interior Girder 3	28.2	0.95	1	1	1.742911
HS15_str_inv	BOBJ1	28.2	After	Interior Girder 4	28.2	0.95	1	1	1.742911
HS15_str_inv	BOBJ1	28.2	After	Interior Girder 5	28.2	0.95	1	1	1.809592
HS15_str_inv	BOBJ1	28.2	After	Interior Girder 6	28.2	0.95	1	1	1.877279
HS15_str_inv	BOBJ1	28.2	After	Right Exterior Girder	28.2	0.95	1	1	2.385714
HS15_str_inv	BOBJ1	37.6	Before	Left Exterior Girder	37.6	0.95	1	1	3.479182
HS15_str_inv	BOBJ1	37.6	Before	Interior Girder 1	37.6	0.95	1	1	2.912344
HS15_str_inv	BOBJ1	37.6	Before	Interior Girder 2	37.6	0.95	1	1	2.734804
HS15_str_inv	BOBJ1	37.6	Before	Interior Girder 3	37.6	0.95	1	1	2.687154
HS15_str_inv	BOBJ1	37.6	Before	Interior Girder 4	37.6	0.95	1	1	2.687154
HS15_str_inv	BOBJ1	37.6	Before	Interior Girder 5	37.6	0.95	1	1	2.734804
HS15_str_inv	BOBJ1	37.6	Before	Interior Girder 6	37.6	0.95	1	1	2.912344
HS15_str_inv	BOBJ1	37.6	Before	Right Exterior Girder	37.6	0.95	1	1	3.479182
HS15_str_inv	BOBJ1	37.6	After	Left Exterior Girder	37.6	0.95	1	1	3.400299
HS15_str_inv	BOBJ1	37.6	After	Interior Girder 1	37.6	0.95	1	1	2.964369
HS15_str_inv	BOBJ1	37.6	After	Interior Girder 2	37.6	0.95	1	1	2.731472
HS15_str_inv	BOBJ1	37.6	After	Interior Girder 3	37.6	0.95	1	1	2.651698
HS15_str_inv	BOBJ1	37.6	After	Interior Girder 4	37.6	0.95	1	1	2.651698
HS15_str_inv	BOBJ1	37.6	After	Interior Girder 5	37.6	0.95	1	1	2.731472
HS15_str_inv	BOBJ1	37.6	After	Interior Girder 6	37.6	0.95	1	1	2.964369
HS15_str_inv	BOBJ1	37.6	After	Right Exterior Girder	37.6	0.95	1	1	3.400299
HS15_str_inv	BOBJ1	47.01	Before	Left Exterior Girder	47.01	0.95	1	1	3.421347
HS15_str_inv	BOBJ1	47.01	Before	Interior Girder 1	47.01	0.95	1	1	3.606078
HS15_str_inv	BOBJ1	47.01	Before	Interior Girder 2	47.01	0.95	1	1	3.583619
HS15_str_inv	BOBJ1	47.01	Before	Interior Girder 3	47.01	0.95	1	1	3.491418
HS15_str_inv	BOBJ1	47.01	Before	Interior Girder 4	47.01	0.95	1	1	3.491418
HS15_str_inv	BOBJ1	47.01	Before	Interior Girder 5	47.01	0.95	1	1	3.583619
HS15_str_inv	BOBJ1	47.01	Before	Interior Girder 6	47.01	0.95	1	1	3.606078
HS15_str_inv	BOBJ1	47.01	Before	Right Exterior Girder	47.01	0.95	1	1	3.421347
HS15_str_inv	BOBJ1	47.01	After	Left Exterior Girder	47.01	0.95	1	1	3.509491
HS15_str_inv	BOBJ1	47.01	After	Interior Girder 1	47.01	0.95	1	1	3.536506
HS15_str_inv	BOBJ1	47.01	After	Interior Girder 2	47.01	0.95	1	1	3.532982
HS15_str_inv	BOBJ1	47.01	After	Interior Girder 3	47.01	0.95	1	1	3.477294
HS15_str_inv	BOBJ1	47.01	After	Interior Girder 4	47.01	0.95	1	1	3.477294
HS15_str_inv	BOBJ1	47.01	After	Interior Girder 5	47.01	0.95	1	1	3.532982
HS15_str_inv	BOBJ1	47.01	After	Interior Girder 6	47.01	0.95	1	1	3.536506
HS15_str_inv	BOBJ1	47.01	After	Right Exterior Girder	47.01	0.95	1	1	3.509491
HS15_str_inv	BOBJ1	49.42	Before	Left Exterior Girder	49.42	0.95	1	1	2.839143
HS15_str_inv	BOBJ1	49.42	Before	Right Exterior Girder	49.42	0.95	1	1	2.839143

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelINonCompStrgth-Flx - Approach, Span 7-11									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
HS15_str_inv	BOBJ1	49.42	After	Left Exterior Girder	49.42	0.95	1	1	5.155676
HS15_str_inv	BOBJ1	49.42	After	Right Exterior Girder	49.42	0.95	1	1	5.155676
HS15_str_inv	BOBJ1	51.92	Before	Interior Girder 1	51.92	0.95	1	1	2.587269
HS15_str_inv	BOBJ1	51.92	Before	Interior Girder 2	51.92	0.95	1	1	2.595684
HS15_str_inv	BOBJ1	51.92	Before	Interior Girder 3	51.92	0.95	1	1	2.402138
HS15_str_inv	BOBJ1	51.92	Before	Interior Girder 4	51.92	0.95	1	1	2.402138
HS15_str_inv	BOBJ1	51.92	Before	Interior Girder 5	51.92	0.95	1	1	2.595684
HS15_str_inv	BOBJ1	51.92	Before	Interior Girder 6	51.92	0.95	1	1	2.587269
HS15_str_inv	BOBJ1	51.92	After	Interior Girder 1	51.92	0.95	1	1	3.251373
HS15_str_inv	BOBJ1	51.92	After	Interior Girder 2	51.92	0.95	1	1	3.170236
HS15_str_inv	BOBJ1	51.92	After	Interior Girder 3	51.92	0.95	1	1	2.970617
HS15_str_inv	BOBJ1	51.92	After	Interior Girder 4	51.92	0.95	1	1	2.970617
HS15_str_inv	BOBJ1	51.92	After	Interior Girder 5	51.92	0.95	1	1	3.170236
HS15_str_inv	BOBJ1	51.92	After	Interior Girder 6	51.92	0.95	1	1	3.251373
HS15_str_inv	BOBJ1	56.42	Before	Left Exterior Girder	56.42	0.95	1	1	3.233239
HS15_str_inv	BOBJ1	56.42	Before	Interior Girder 1	56.42	0.95	1	1	2.251219
HS15_str_inv	BOBJ1	56.42	Before	Interior Girder 2	56.42	0.95	1	1	2.202563
HS15_str_inv	BOBJ1	56.42	Before	Interior Girder 3	56.42	0.95	1	1	1.769087
HS15_str_inv	BOBJ1	56.42	Before	Interior Girder 4	56.42	0.95	1	1	1.769087
HS15_str_inv	BOBJ1	56.42	Before	Interior Girder 5	56.42	0.95	1	1	2.202563
HS15_str_inv	BOBJ1	56.42	Before	Interior Girder 6	56.42	0.95	1	1	2.251219
HS15_str_inv	BOBJ1	56.42	Before	Right Exterior Girder	56.42	0.95	1	1	3.233239
HS15_str_inv	BOBJ1	56.42	After	Left Exterior Girder	0	0.95	1	1	3.32144
HS15_str_inv	BOBJ1	56.42	After	Interior Girder 1	0	0.95	1	1	2.280684
HS15_str_inv	BOBJ1	56.42	After	Interior Girder 2	0	0.95	1	1	2.232677
HS15_str_inv	BOBJ1	56.42	After	Interior Girder 3	0	0.95	1	1	1.829177
HS15_str_inv	BOBJ1	56.42	After	Interior Girder 4	0	0.95	1	1	1.829177
HS15_str_inv	BOBJ1	56.42	After	Interior Girder 5	0	0.95	1	1	2.232677
HS15_str_inv	BOBJ1	56.42	After	Interior Girder 6	0	0.95	1	1	2.280684
HS15_str_inv	BOBJ1	56.42	After	Right Exterior Girder	0	0.95	1	1	3.32144
HS15_str_inv	BOBJ1	60.92	Before	Interior Girder 1	4.5	0.95	1	1	3.911629
HS15_str_inv	BOBJ1	60.92	Before	Interior Girder 2	4.5	0.95	1	1	3.712752
HS15_str_inv	BOBJ1	60.92	Before	Interior Girder 3	4.5	0.95	1	1	3.364411
HS15_str_inv	BOBJ1	60.92	Before	Interior Girder 4	4.5	0.95	1	1	3.364411
HS15_str_inv	BOBJ1	60.92	Before	Interior Girder 5	4.5	0.95	1	1	3.712752
HS15_str_inv	BOBJ1	60.92	Before	Interior Girder 6	4.5	0.95	1	1	3.911629
HS15_str_inv	BOBJ1	60.92	After	Interior Girder 1	4.5	0.95	1	1	3.130949
HS15_str_inv	BOBJ1	60.92	After	Interior Girder 2	4.5	0.95	1	1	3.045502
HS15_str_inv	BOBJ1	60.92	After	Interior Girder 3	4.5	0.95	1	1	2.732965
HS15_str_inv	BOBJ1	60.92	After	Interior Girder 4	4.5	0.95	1	1	2.732965
HS15_str_inv	BOBJ1	60.92	After	Interior Girder 5	4.5	0.95	1	1	3.045502
HS15_str_inv	BOBJ1	60.92	After	Interior Girder 6	4.5	0.95	1	1	3.130949
HS15_str_inv	BOBJ1	63.42	Before	Left Exterior Girder	7	0.95	1	1	6.553762
HS15_str_inv	BOBJ1	63.42	Before	Right Exterior Girder	7	0.95	1	1	6.553762
HS15_str_inv	BOBJ1	63.42	After	Left Exterior Girder	7	0.95	1	1	3.598529
HS15_str_inv	BOBJ1	63.42	After	Right Exterior Girder	7	0.95	1	1	3.598529
HS15_str_inv	BOBJ1	64.845	Before	Left Exterior Girder	8.425	0.95	1	1	4.056472
HS15_str_inv	BOBJ1	64.845	Before	Interior Girder 1	8.425	0.95	1	1	4.037793
HS15_str_inv	BOBJ1	64.845	Before	Interior Girder 2	8.425	0.95	1	1	3.886381
HS15_str_inv	BOBJ1	64.845	Before	Interior Girder 3	8.425	0.95	1	1	3.750413
HS15_str_inv	BOBJ1	64.845	Before	Interior Girder 4	8.425	0.95	1	1	3.750413
HS15_str_inv	BOBJ1	64.845	Before	Interior Girder 5	8.425	0.95	1	1	3.886381
HS15_str_inv	BOBJ1	64.845	Before	Interior Girder 6	8.425	0.95	1	1	4.037793
HS15_str_inv	BOBJ1	64.845	Before	Right Exterior Girder	8.425	0.95	1	1	4.056472
HS15_str_inv	BOBJ1	64.845	After	Left Exterior Girder	8.425	0.95	1	1	4.008876
HS15_str_inv	BOBJ1	64.845	After	Interior Girder 1	8.425	0.95	1	1	4.088572
HS15_str_inv	BOBJ1	64.845	After	Interior Girder 2	8.425	0.95	1	1	3.931324
HS15_str_inv	BOBJ1	64.845	After	Interior Girder 3	8.425	0.95	1	1	3.773477
HS15_str_inv	BOBJ1	64.845	After	Interior Girder 4	8.425	0.95	1	1	3.773477
HS15_str_inv	BOBJ1	64.845	After	Interior Girder 5	8.425	0.95	1	1	3.931324
HS15_str_inv	BOBJ1	64.845	After	Interior Girder 6	8.425	0.95	1	1	4.088572
HS15_str_inv	BOBJ1	64.845	After	Right Exterior Girder	8.425	0.95	1	1	4.008876
HS15_str_inv	BOBJ1	69.92	Before	Left Exterior Girder	13.5	0.95	1	1	5.654969
HS15_str_inv	BOBJ1	69.92	Before	Interior Girder 1	13.5	0.95	1	1	4.915356
HS15_str_inv	BOBJ1	69.92	Before	Interior Girder 2	13.5	0.95	1	1	4.417092

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelINonCompStrgth-Flx - Approach, Span 7-11									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
HS15_str_inv	BOBJ1	69.92	Before	Interior Girder 3	13.5	0.95	1	1	4.284918
HS15_str_inv	BOBJ1	69.92	Before	Interior Girder 4	13.5	0.95	1	1	4.284918
HS15_str_inv	BOBJ1	69.92	Before	Interior Girder 5	13.5	0.95	1	1	4.417092
HS15_str_inv	BOBJ1	69.92	Before	Interior Girder 6	13.5	0.95	1	1	4.915356
HS15_str_inv	BOBJ1	69.92	Before	Right Exterior Girder	13.5	0.95	1	1	5.654969
HS15_str_inv	BOBJ1	69.92	After	Left Exterior Girder	13.5	0.95	1	1	4.834326
HS15_str_inv	BOBJ1	69.92	After	Interior Girder 1	13.5	0.95	1	1	4.595315
HS15_str_inv	BOBJ1	69.92	After	Interior Girder 2	13.5	0.95	1	1	4.145473
HS15_str_inv	BOBJ1	69.92	After	Interior Girder 3	13.5	0.95	1	1	4.071623
HS15_str_inv	BOBJ1	69.92	After	Interior Girder 4	13.5	0.95	1	1	4.071623
HS15_str_inv	BOBJ1	69.92	After	Interior Girder 5	13.5	0.95	1	1	4.145473
HS15_str_inv	BOBJ1	69.92	After	Interior Girder 6	13.5	0.95	1	1	4.595315
HS15_str_inv	BOBJ1	69.92	After	Right Exterior Girder	13.5	0.95	1	1	4.834326
HS15_str_inv	BOBJ1	73.27	Before	Left Exterior Girder	16.85	0.95	1	1	4.205653
HS15_str_inv	BOBJ1	73.27	Before	Interior Girder 1	16.85	0.95	1	1	3.538052
HS15_str_inv	BOBJ1	73.27	Before	Interior Girder 2	16.85	0.95	1	1	3.242473
HS15_str_inv	BOBJ1	73.27	Before	Interior Girder 3	16.85	0.95	1	1	3.133102
HS15_str_inv	BOBJ1	73.27	Before	Interior Girder 4	16.85	0.95	1	1	3.133102
HS15_str_inv	BOBJ1	73.27	Before	Interior Girder 5	16.85	0.95	1	1	3.242473
HS15_str_inv	BOBJ1	73.27	Before	Interior Girder 6	16.85	0.95	1	1	3.538052
HS15_str_inv	BOBJ1	73.27	Before	Right Exterior Girder	16.85	0.95	1	1	4.205653
HS15_str_inv	BOBJ1	73.27	After	Left Exterior Girder	16.85	0.95	1	1	4.311357
HS15_str_inv	BOBJ1	73.27	After	Interior Girder 1	16.85	0.95	1	1	3.478303
HS15_str_inv	BOBJ1	73.27	After	Interior Girder 2	16.85	0.95	1	1	3.223133
HS15_str_inv	BOBJ1	73.27	After	Interior Girder 3	16.85	0.95	1	1	3.15558
HS15_str_inv	BOBJ1	73.27	After	Interior Girder 4	16.85	0.95	1	1	3.15558
HS15_str_inv	BOBJ1	73.27	After	Interior Girder 5	16.85	0.95	1	1	3.223133
HS15_str_inv	BOBJ1	73.27	After	Interior Girder 6	16.85	0.95	1	1	3.478303
HS15_str_inv	BOBJ1	73.27	After	Right Exterior Girder	16.85	0.95	1	1	4.311357
HS15_str_inv	BOBJ1	81.695	Before	Left Exterior Girder	25.275	0.95	1	1	2.504433
HS15_str_inv	BOBJ1	81.695	Before	Interior Girder 1	25.275	0.95	1	1	2.069193
HS15_str_inv	BOBJ1	81.695	Before	Interior Girder 2	25.275	0.95	1	1	1.994861
HS15_str_inv	BOBJ1	81.695	Before	Interior Girder 3	25.275	0.95	1	1	1.927179
HS15_str_inv	BOBJ1	81.695	Before	Interior Girder 4	25.275	0.95	1	1	1.927179
HS15_str_inv	BOBJ1	81.695	Before	Interior Girder 5	25.275	0.95	1	1	1.994861
HS15_str_inv	BOBJ1	81.695	Before	Interior Girder 6	25.275	0.95	1	1	2.069193
HS15_str_inv	BOBJ1	81.695	Before	Right Exterior Girder	25.275	0.95	1	1	2.504433
HS15_str_inv	BOBJ1	81.695	After	Left Exterior Girder	25.275	0.95	1	1	2.550178
HS15_str_inv	BOBJ1	81.695	After	Interior Girder 1	25.275	0.95	1	1	2.05136
HS15_str_inv	BOBJ1	81.695	After	Interior Girder 2	25.275	0.95	1	1	1.991996
HS15_str_inv	BOBJ1	81.695	After	Interior Girder 3	25.275	0.95	1	1	1.946821
HS15_str_inv	BOBJ1	81.695	After	Interior Girder 4	25.275	0.95	1	1	1.946821
HS15_str_inv	BOBJ1	81.695	After	Interior Girder 5	25.275	0.95	1	1	1.991996
HS15_str_inv	BOBJ1	81.695	After	Interior Girder 6	25.275	0.95	1	1	2.05136
HS15_str_inv	BOBJ1	81.695	After	Right Exterior Girder	25.275	0.95	1	1	2.550178
HS15_str_inv	BOBJ1	90.12	Before	Left Exterior Girder	33.7	0.95	1	1	2.011396
HS15_str_inv	BOBJ1	90.12	Before	Interior Girder 1	33.7	0.95	1	1	1.9133
HS15_str_inv	BOBJ1	90.12	Before	Interior Girder 2	33.7	0.95	1	1	1.873702
HS15_str_inv	BOBJ1	90.12	Before	Interior Girder 3	33.7	0.95	1	1	1.868653
HS15_str_inv	BOBJ1	90.12	Before	Interior Girder 4	33.7	0.95	1	1	1.868653
HS15_str_inv	BOBJ1	90.12	Before	Interior Girder 5	33.7	0.95	1	1	1.873702
HS15_str_inv	BOBJ1	90.12	Before	Interior Girder 6	33.7	0.95	1	1	1.9133
HS15_str_inv	BOBJ1	90.12	Before	Right Exterior Girder	33.7	0.95	1	1	2.011396
HS15_str_inv	BOBJ1	90.12	After	Left Exterior Girder	33.7	0.95	1	1	2.014444
HS15_str_inv	BOBJ1	90.12	After	Interior Girder 1	33.7	0.95	1	1	1.912782
HS15_str_inv	BOBJ1	90.12	After	Interior Girder 2	33.7	0.95	1	1	1.87131
HS15_str_inv	BOBJ1	90.12	After	Interior Girder 3	33.7	0.95	1	1	1.867699
HS15_str_inv	BOBJ1	90.12	After	Interior Girder 4	33.7	0.95	1	1	1.867699
HS15_str_inv	BOBJ1	90.12	After	Interior Girder 5	33.7	0.95	1	1	1.87131
HS15_str_inv	BOBJ1	90.12	After	Interior Girder 6	33.7	0.95	1	1	1.912782
HS15_str_inv	BOBJ1	90.12	After	Right Exterior Girder	33.7	0.95	1	1	2.014444
HS15_str_inv	BOBJ1	98.545	Before	Left Exterior Girder	42.125	0.95	1	1	2.476112
HS15_str_inv	BOBJ1	98.545	Before	Interior Girder 1	42.125	0.95	1	1	2.019969
HS15_str_inv	BOBJ1	98.545	Before	Interior Girder 2	42.125	0.95	1	1	1.970688
HS15_str_inv	BOBJ1	98.545	Before	Interior Girder 3	42.125	0.95	1	1	1.927684

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelINonCompStrgth-Flx - Approach, Span 7-11									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
HS15_str_inv	BOBJ1	98.545	Before	Interior Girder 4	42.125	0.95	1	1	1.927684
HS15_str_inv	BOBJ1	98.545	Before	Interior Girder 5	42.125	0.95	1	1	1.970688
HS15_str_inv	BOBJ1	98.545	Before	Interior Girder 6	42.125	0.95	1	1	2.019969
HS15_str_inv	BOBJ1	98.545	Before	Right Exterior Girder	42.125	0.95	1	1	2.476112
HS15_str_inv	BOBJ1	98.545	After	Left Exterior Girder	42.125	0.95	1	1	2.438431
HS15_str_inv	BOBJ1	98.545	After	Interior Girder 1	42.125	0.95	1	1	2.035285
HS15_str_inv	BOBJ1	98.545	After	Interior Girder 2	42.125	0.95	1	1	1.971754
HS15_str_inv	BOBJ1	98.545	After	Interior Girder 3	42.125	0.95	1	1	1.907712
HS15_str_inv	BOBJ1	98.545	After	Interior Girder 4	42.125	0.95	1	1	1.907712
HS15_str_inv	BOBJ1	98.545	After	Interior Girder 5	42.125	0.95	1	1	1.971754
HS15_str_inv	BOBJ1	98.545	After	Interior Girder 6	42.125	0.95	1	1	2.035285
HS15_str_inv	BOBJ1	98.545	After	Right Exterior Girder	42.125	0.95	1	1	2.438431
HS15_str_inv	BOBJ1	106.97	Before	Left Exterior Girder	50.55	0.95	1	1	4.043111
HS15_str_inv	BOBJ1	106.97	Before	Interior Girder 1	50.55	0.95	1	1	3.369463
HS15_str_inv	BOBJ1	106.97	Before	Interior Girder 2	50.55	0.95	1	1	3.153797
HS15_str_inv	BOBJ1	106.97	Before	Interior Girder 3	50.55	0.95	1	1	3.108662
HS15_str_inv	BOBJ1	106.97	Before	Interior Girder 4	50.55	0.95	1	1	3.108662
HS15_str_inv	BOBJ1	106.97	Before	Interior Girder 5	50.55	0.95	1	1	3.153797
HS15_str_inv	BOBJ1	106.97	Before	Interior Girder 6	50.55	0.95	1	1	3.369463
HS15_str_inv	BOBJ1	106.97	Before	Right Exterior Girder	50.55	0.95	1	1	4.043111
HS15_str_inv	BOBJ1	106.97	After	Left Exterior Girder	50.55	0.95	1	1	3.932129
HS15_str_inv	BOBJ1	106.97	After	Interior Girder 1	50.55	0.95	1	1	3.4303
HS15_str_inv	BOBJ1	106.97	After	Interior Girder 2	50.55	0.95	1	1	3.15604
HS15_str_inv	BOBJ1	106.97	After	Interior Girder 3	50.55	0.95	1	1	3.05798
HS15_str_inv	BOBJ1	106.97	After	Interior Girder 4	50.55	0.95	1	1	3.05798
HS15_str_inv	BOBJ1	106.97	After	Interior Girder 5	50.55	0.95	1	1	3.15604
HS15_str_inv	BOBJ1	106.97	After	Interior Girder 6	50.55	0.95	1	1	3.4303
HS15_str_inv	BOBJ1	106.97	After	Right Exterior Girder	50.55	0.95	1	1	3.932129
HS15_str_inv	BOBJ1	115.405	Before	Left Exterior Girder	58.985	0.95	1	1	2.967231
HS15_str_inv	BOBJ1	115.405	Before	Interior Girder 1	58.985	0.95	1	1	3.351117
HS15_str_inv	BOBJ1	115.405	Before	Interior Girder 2	58.985	0.95	1	1	3.345823
HS15_str_inv	BOBJ1	115.405	Before	Interior Girder 3	58.985	0.95	1	1	3.242953
HS15_str_inv	BOBJ1	115.405	Before	Interior Girder 4	58.985	0.95	1	1	3.242953
HS15_str_inv	BOBJ1	115.405	Before	Interior Girder 5	58.985	0.95	1	1	3.345823
HS15_str_inv	BOBJ1	115.405	Before	Interior Girder 6	58.985	0.95	1	1	3.351117
HS15_str_inv	BOBJ1	115.405	Before	Right Exterior Girder	58.985	0.95	1	1	2.967231
HS15_str_inv	BOBJ1	115.405	After	Left Exterior Girder	58.985	0.95	1	1	3.054606
HS15_str_inv	BOBJ1	115.405	After	Interior Girder 1	58.985	0.95	1	1	3.278162
HS15_str_inv	BOBJ1	115.405	After	Interior Girder 2	58.985	0.95	1	1	3.309833
HS15_str_inv	BOBJ1	115.405	After	Interior Girder 3	58.985	0.95	1	1	3.235721
HS15_str_inv	BOBJ1	115.405	After	Interior Girder 4	58.985	0.95	1	1	3.235721
HS15_str_inv	BOBJ1	115.405	After	Interior Girder 5	58.985	0.95	1	1	3.309833
HS15_str_inv	BOBJ1	115.405	After	Interior Girder 6	58.985	0.95	1	1	3.278162
HS15_str_inv	BOBJ1	115.405	After	Right Exterior Girder	58.985	0.95	1	1	3.054606
HS15_str_inv	BOBJ1	116.34	Before	Left Exterior Girder	59.92	0.95	1	1	2.761741
HS15_str_inv	BOBJ1	116.34	Before	Right Exterior Girder	59.92	0.95	1	1	2.761741
HS15_str_inv	BOBJ1	116.34	After	Left Exterior Girder	59.92	0.95	1	1	5.787365
HS15_str_inv	BOBJ1	116.34	After	Right Exterior Girder	59.92	0.95	1	1	5.787365
HS15_str_inv	BOBJ1	118.84	Before	Interior Girder 1	62.42	0.95	1	1	2.637938
HS15_str_inv	BOBJ1	118.84	Before	Interior Girder 2	62.42	0.95	1	1	2.661681
HS15_str_inv	BOBJ1	118.84	Before	Interior Girder 3	62.42	0.95	1	1	2.47675
HS15_str_inv	BOBJ1	118.84	Before	Interior Girder 4	62.42	0.95	1	1	2.47675
HS15_str_inv	BOBJ1	118.84	Before	Interior Girder 5	62.42	0.95	1	1	2.661681
HS15_str_inv	BOBJ1	118.84	Before	Interior Girder 6	62.42	0.95	1	1	2.637938
HS15_str_inv	BOBJ1	118.84	After	Interior Girder 1	62.42	0.95	1	1	3.808876
HS15_str_inv	BOBJ1	118.84	After	Interior Girder 2	62.42	0.95	1	1	3.732105
HS15_str_inv	BOBJ1	118.84	After	Interior Girder 3	62.42	0.95	1	1	3.530665
HS15_str_inv	BOBJ1	118.84	After	Interior Girder 4	62.42	0.95	1	1	3.530665
HS15_str_inv	BOBJ1	118.84	After	Interior Girder 5	62.42	0.95	1	1	3.732105
HS15_str_inv	BOBJ1	118.84	After	Interior Girder 6	62.42	0.95	1	1	3.808876
HS15_str_inv	BOBJ1	123.84	Before	Left Exterior Girder	67.42	0.95	1	1	3.456415
HS15_str_inv	BOBJ1	123.84	Before	Interior Girder 1	67.42	0.95	1	1	2.57883
HS15_str_inv	BOBJ1	123.84	Before	Interior Girder 2	67.42	0.95	1	1	2.488712
HS15_str_inv	BOBJ1	123.84	Before	Interior Girder 3	67.42	0.95	1	1	2.017567
HS15_str_inv	BOBJ1	123.84	Before	Interior Girder 4	67.42	0.95	1	1	2.017567

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelINonCompStrgth-Flx - Approach, Span 7-11									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
HS15_str_inv	BOBJ1	123.84	Before	Interior Girder 5	67.42	0.95	1	1	2.488712
HS15_str_inv	BOBJ1	123.84	Before	Interior Girder 6	67.42	0.95	1	1	2.57883
HS15_str_inv	BOBJ1	123.84	Before	Right Exterior Girder	67.42	0.95	1	1	3.456415
HS15_str_inv	BOBJ1	123.84	After	Left Exterior Girder	0	0.95	1	1	3.4246
HS15_str_inv	BOBJ1	123.84	After	Interior Girder 1	0	0.95	1	1	2.539563
HS15_str_inv	BOBJ1	123.84	After	Interior Girder 2	0	0.95	1	1	2.480776
HS15_str_inv	BOBJ1	123.84	After	Interior Girder 3	0	0.95	1	1	2.011963
HS15_str_inv	BOBJ1	123.84	After	Interior Girder 4	0	0.95	1	1	2.011963
HS15_str_inv	BOBJ1	123.84	After	Interior Girder 5	0	0.95	1	1	2.480776
HS15_str_inv	BOBJ1	123.84	After	Interior Girder 6	0	0.95	1	1	2.539563
HS15_str_inv	BOBJ1	123.84	After	Right Exterior Girder	0	0.95	1	1	3.4246
HS15_str_inv	BOBJ1	128.84	Before	Interior Girder 1	5	0.95	1	1	3.898492
HS15_str_inv	BOBJ1	128.84	Before	Interior Girder 2	5	0.95	1	1	3.804385
HS15_str_inv	BOBJ1	128.84	Before	Interior Girder 3	5	0.95	1	1	3.578065
HS15_str_inv	BOBJ1	128.84	Before	Interior Girder 4	5	0.95	1	1	3.578065
HS15_str_inv	BOBJ1	128.84	Before	Interior Girder 5	5	0.95	1	1	3.804385
HS15_str_inv	BOBJ1	128.84	Before	Interior Girder 6	5	0.95	1	1	3.898492
HS15_str_inv	BOBJ1	128.84	After	Interior Girder 1	5	0.95	1	1	2.704776
HS15_str_inv	BOBJ1	128.84	After	Interior Girder 2	5	0.95	1	1	2.715555
HS15_str_inv	BOBJ1	128.84	After	Interior Girder 3	5	0.95	1	1	2.519927
HS15_str_inv	BOBJ1	128.84	After	Interior Girder 4	5	0.95	1	1	2.519927
HS15_str_inv	BOBJ1	128.84	After	Interior Girder 5	5	0.95	1	1	2.715555
HS15_str_inv	BOBJ1	128.84	After	Interior Girder 6	5	0.95	1	1	2.704776
HS15_str_inv	BOBJ1	131.34	Before	Left Exterior Girder	7.5	0.95	1	1	5.959013
HS15_str_inv	BOBJ1	131.34	Before	Right Exterior Girder	7.5	0.95	1	1	5.959013
HS15_str_inv	BOBJ1	131.34	After	Left Exterior Girder	7.5	0.95	1	1	2.847217
HS15_str_inv	BOBJ1	131.34	After	Right Exterior Girder	7.5	0.95	1	1	2.847217
HS15_str_inv	BOBJ1	132.265	Before	Left Exterior Girder	8.425	0.95	1	1	3.131907
HS15_str_inv	BOBJ1	132.265	Before	Interior Girder 1	8.425	0.95	1	1	3.358621
HS15_str_inv	BOBJ1	132.265	Before	Interior Girder 2	8.425	0.95	1	1	3.375262
HS15_str_inv	BOBJ1	132.265	Before	Interior Girder 3	8.425	0.95	1	1	3.292886
HS15_str_inv	BOBJ1	132.265	Before	Interior Girder 4	8.425	0.95	1	1	3.292886
HS15_str_inv	BOBJ1	132.265	Before	Interior Girder 5	8.425	0.95	1	1	3.375262
HS15_str_inv	BOBJ1	132.265	Before	Interior Girder 6	8.425	0.95	1	1	3.358621
HS15_str_inv	BOBJ1	132.265	Before	Right Exterior Girder	8.425	0.95	1	1	3.131907
HS15_str_inv	BOBJ1	132.265	After	Left Exterior Girder	8.425	0.95	1	1	3.042455
HS15_str_inv	BOBJ1	132.265	After	Interior Girder 1	8.425	0.95	1	1	3.432394
HS15_str_inv	BOBJ1	132.265	After	Interior Girder 2	8.425	0.95	1	1	3.41225
HS15_str_inv	BOBJ1	132.265	After	Interior Girder 3	8.425	0.95	1	1	3.302065
HS15_str_inv	BOBJ1	132.265	After	Interior Girder 4	8.425	0.95	1	1	3.302065
HS15_str_inv	BOBJ1	132.265	After	Interior Girder 5	8.425	0.95	1	1	3.41225
HS15_str_inv	BOBJ1	132.265	After	Interior Girder 6	8.425	0.95	1	1	3.432394
HS15_str_inv	BOBJ1	132.265	After	Right Exterior Girder	8.425	0.95	1	1	3.042455
HS15_str_inv	BOBJ1	140.69	Before	Left Exterior Girder	16.85	0.95	1	1	3.969091
HS15_str_inv	BOBJ1	140.69	Before	Interior Girder 1	16.85	0.95	1	1	3.439149
HS15_str_inv	BOBJ1	140.69	Before	Interior Girder 2	16.85	0.95	1	1	3.16538
HS15_str_inv	BOBJ1	140.69	Before	Interior Girder 3	16.85	0.95	1	1	3.070366
HS15_str_inv	BOBJ1	140.69	Before	Interior Girder 4	16.85	0.95	1	1	3.070366
HS15_str_inv	BOBJ1	140.69	Before	Interior Girder 5	16.85	0.95	1	1	3.16538
HS15_str_inv	BOBJ1	140.69	Before	Interior Girder 6	16.85	0.95	1	1	3.439149
HS15_str_inv	BOBJ1	140.69	Before	Right Exterior Girder	16.85	0.95	1	1	3.969091
HS15_str_inv	BOBJ1	140.69	After	Left Exterior Girder	16.85	0.95	1	1	4.083916
HS15_str_inv	BOBJ1	140.69	After	Interior Girder 1	16.85	0.95	1	1	3.378859
HS15_str_inv	BOBJ1	140.69	After	Interior Girder 2	16.85	0.95	1	1	3.162525
HS15_str_inv	BOBJ1	140.69	After	Interior Girder 3	16.85	0.95	1	1	3.120544
HS15_str_inv	BOBJ1	140.69	After	Interior Girder 4	16.85	0.95	1	1	3.120544
HS15_str_inv	BOBJ1	140.69	After	Interior Girder 5	16.85	0.95	1	1	3.162525
HS15_str_inv	BOBJ1	140.69	After	Interior Girder 6	16.85	0.95	1	1	3.378859
HS15_str_inv	BOBJ1	140.69	After	Right Exterior Girder	16.85	0.95	1	1	4.083916
HS15_str_inv	BOBJ1	149.115	Before	Left Exterior Girder	25.275	0.95	1	1	2.425387
HS15_str_inv	BOBJ1	149.115	Before	Interior Girder 1	25.275	0.95	1	1	2.021768
HS15_str_inv	BOBJ1	149.115	Before	Interior Girder 2	25.275	0.95	1	1	1.96337
HS15_str_inv	BOBJ1	149.115	Before	Interior Girder 3	25.275	0.95	1	1	1.905009
HS15_str_inv	BOBJ1	149.115	Before	Interior Girder 4	25.275	0.95	1	1	1.905009
HS15_str_inv	BOBJ1	149.115	Before	Interior Girder 5	25.275	0.95	1	1	1.96337

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelINonCompStrgth-Flx - Approach, Span 7-11									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
HS15_str_inv	BOBJ1	149.115	Before	Interior Girder 6	25.275	0.95	1	1	2.021768
HS15_str_inv	BOBJ1	149.115	Before	Right Exterior Girder	25.275	0.95	1	1	2.425387
HS15_str_inv	BOBJ1	149.115	After	Left Exterior Girder	25.275	0.95	1	1	2.465034
HS15_str_inv	BOBJ1	149.115	After	Interior Girder 1	25.275	0.95	1	1	2.00686
HS15_str_inv	BOBJ1	149.115	After	Interior Girder 2	25.275	0.95	1	1	1.961575
HS15_str_inv	BOBJ1	149.115	After	Interior Girder 3	25.275	0.95	1	1	1.924592
HS15_str_inv	BOBJ1	149.115	After	Interior Girder 4	25.275	0.95	1	1	1.924592
HS15_str_inv	BOBJ1	149.115	After	Interior Girder 5	25.275	0.95	1	1	1.961575
HS15_str_inv	BOBJ1	149.115	After	Interior Girder 6	25.275	0.95	1	1	2.00686
HS15_str_inv	BOBJ1	149.115	After	Right Exterior Girder	25.275	0.95	1	1	2.465034
HS15_str_inv	BOBJ1	157.54	Before	Left Exterior Girder	33.7	0.95	1	1	1.979973
HS15_str_inv	BOBJ1	157.54	Before	Interior Girder 1	33.7	0.95	1	1	1.882128
HS15_str_inv	BOBJ1	157.54	Before	Interior Girder 2	33.7	0.95	1	1	1.853435
HS15_str_inv	BOBJ1	157.54	Before	Interior Girder 3	33.7	0.95	1	1	1.857161
HS15_str_inv	BOBJ1	157.54	Before	Interior Girder 4	33.7	0.95	1	1	1.857161
HS15_str_inv	BOBJ1	157.54	Before	Interior Girder 5	33.7	0.95	1	1	1.853435
HS15_str_inv	BOBJ1	157.54	Before	Interior Girder 6	33.7	0.95	1	1	1.882128
HS15_str_inv	BOBJ1	157.54	Before	Right Exterior Girder	33.7	0.95	1	1	1.979973
HS15_str_inv	BOBJ1	157.54	After	Left Exterior Girder	33.7	0.95	1	1	1.980215
HS15_str_inv	BOBJ1	157.54	After	Interior Girder 1	33.7	0.95	1	1	1.882099
HS15_str_inv	BOBJ1	157.54	After	Interior Girder 2	33.7	0.95	1	1	1.853365
HS15_str_inv	BOBJ1	157.54	After	Interior Girder 3	33.7	0.95	1	1	1.857241
HS15_str_inv	BOBJ1	157.54	After	Interior Girder 4	33.7	0.95	1	1	1.857241
HS15_str_inv	BOBJ1	157.54	After	Interior Girder 5	33.7	0.95	1	1	1.853365
HS15_str_inv	BOBJ1	157.54	After	Interior Girder 6	33.7	0.95	1	1	1.882099
HS15_str_inv	BOBJ1	157.54	After	Right Exterior Girder	33.7	0.95	1	1	1.980215
HS15_str_inv	BOBJ1	165.965	Before	Left Exterior Girder	42.125	0.95	1	1	2.462903
HS15_str_inv	BOBJ1	165.965	Before	Interior Girder 1	42.125	0.95	1	1	2.005995
HS15_str_inv	BOBJ1	165.965	Before	Interior Girder 2	42.125	0.95	1	1	1.96076
HS15_str_inv	BOBJ1	165.965	Before	Interior Girder 3	42.125	0.95	1	1	1.923642
HS15_str_inv	BOBJ1	165.965	Before	Interior Girder 4	42.125	0.95	1	1	1.923642
HS15_str_inv	BOBJ1	165.965	Before	Interior Girder 5	42.125	0.95	1	1	1.96076
HS15_str_inv	BOBJ1	165.965	Before	Interior Girder 6	42.125	0.95	1	1	2.005995
HS15_str_inv	BOBJ1	165.965	Before	Right Exterior Girder	42.125	0.95	1	1	2.462903
HS15_str_inv	BOBJ1	165.965	After	Left Exterior Girder	42.125	0.95	1	1	2.423553
HS15_str_inv	BOBJ1	165.965	After	Interior Girder 1	42.125	0.95	1	1	2.020808
HS15_str_inv	BOBJ1	165.965	After	Interior Girder 2	42.125	0.95	1	1	1.962531
HS15_str_inv	BOBJ1	165.965	After	Interior Girder 3	42.125	0.95	1	1	1.904153
HS15_str_inv	BOBJ1	165.965	After	Interior Girder 4	42.125	0.95	1	1	1.904153
HS15_str_inv	BOBJ1	165.965	After	Interior Girder 5	42.125	0.95	1	1	1.962531
HS15_str_inv	BOBJ1	165.965	After	Interior Girder 6	42.125	0.95	1	1	2.020808
HS15_str_inv	BOBJ1	165.965	After	Right Exterior Girder	42.125	0.95	1	1	2.423553
HS15_str_inv	BOBJ1	174.39	Before	Left Exterior Girder	50.55	0.95	1	1	4.075121
HS15_str_inv	BOBJ1	174.39	Before	Interior Girder 1	50.55	0.95	1	1	3.374845
HS15_str_inv	BOBJ1	174.39	Before	Interior Girder 2	50.55	0.95	1	1	3.159225
HS15_str_inv	BOBJ1	174.39	Before	Interior Girder 3	50.55	0.95	1	1	3.116642
HS15_str_inv	BOBJ1	174.39	Before	Interior Girder 4	50.55	0.95	1	1	3.116642
HS15_str_inv	BOBJ1	174.39	Before	Interior Girder 5	50.55	0.95	1	1	3.159225
HS15_str_inv	BOBJ1	174.39	Before	Interior Girder 6	50.55	0.95	1	1	3.374845
HS15_str_inv	BOBJ1	174.39	Before	Right Exterior Girder	50.55	0.95	1	1	4.075121
HS15_str_inv	BOBJ1	174.39	After	Left Exterior Girder	50.55	0.95	1	1	3.960829
HS15_str_inv	BOBJ1	174.39	After	Interior Girder 1	50.55	0.95	1	1	3.435138
HS15_str_inv	BOBJ1	174.39	After	Interior Girder 2	50.55	0.95	1	1	3.162141
HS15_str_inv	BOBJ1	174.39	After	Interior Girder 3	50.55	0.95	1	1	3.066623
HS15_str_inv	BOBJ1	174.39	After	Interior Girder 4	50.55	0.95	1	1	3.066623
HS15_str_inv	BOBJ1	174.39	After	Interior Girder 5	50.55	0.95	1	1	3.162141
HS15_str_inv	BOBJ1	174.39	After	Interior Girder 6	50.55	0.95	1	1	3.435138
HS15_str_inv	BOBJ1	174.39	After	Right Exterior Girder	50.55	0.95	1	1	3.960829
HS15_str_inv	BOBJ1	182.825	Before	Left Exterior Girder	58.985	0.95	1	1	3.044628
HS15_str_inv	BOBJ1	182.825	Before	Interior Girder 1	58.985	0.95	1	1	3.429325
HS15_str_inv	BOBJ1	182.825	Before	Interior Girder 2	58.985	0.95	1	1	3.408778
HS15_str_inv	BOBJ1	182.825	Before	Interior Girder 3	58.985	0.95	1	1	3.302867
HS15_str_inv	BOBJ1	182.825	Before	Interior Girder 4	58.985	0.95	1	1	3.302867
HS15_str_inv	BOBJ1	182.825	Before	Interior Girder 5	58.985	0.95	1	1	3.408778
HS15_str_inv	BOBJ1	182.825	Before	Interior Girder 6	58.985	0.95	1	1	3.429325

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelINonCompStrgth-Flx - Approach, Span 7-11									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
HS15_str_inv	BOBJ1	182.825	Before	Right Exterior Girder	58.985	0.95	1	1	3.044628
HS15_str_inv	BOBJ1	182.825	After	Left Exterior Girder	58.985	0.95	1	1	3.134342
HS15_str_inv	BOBJ1	182.825	After	Interior Girder 1	58.985	0.95	1	1	3.355579
HS15_str_inv	BOBJ1	182.825	After	Interior Girder 2	58.985	0.95	1	1	3.371677
HS15_str_inv	BOBJ1	182.825	After	Interior Girder 3	58.985	0.95	1	1	3.294027
HS15_str_inv	BOBJ1	182.825	After	Interior Girder 4	58.985	0.95	1	1	3.294027
HS15_str_inv	BOBJ1	182.825	After	Interior Girder 5	58.985	0.95	1	1	3.371677
HS15_str_inv	BOBJ1	182.825	After	Interior Girder 6	58.985	0.95	1	1	3.355579
HS15_str_inv	BOBJ1	182.825	After	Right Exterior Girder	58.985	0.95	1	1	3.134342
HS15_str_inv	BOBJ1	183.76	Before	Left Exterior Girder	59.92	0.95	1	1	2.834184
HS15_str_inv	BOBJ1	183.76	Before	Right Exterior Girder	59.92	0.95	1	1	2.834184
HS15_str_inv	BOBJ1	183.76	After	Left Exterior Girder	59.92	0.95	1	1	5.93937
HS15_str_inv	BOBJ1	183.76	After	Right Exterior Girder	59.92	0.95	1	1	5.93937
HS15_str_inv	BOBJ1	186.26	Before	Interior Girder 1	62.42	0.95	1	1	2.69913
HS15_str_inv	BOBJ1	186.26	Before	Interior Girder 2	62.42	0.95	1	1	2.709981
HS15_str_inv	BOBJ1	186.26	Before	Interior Girder 3	62.42	0.95	1	1	2.51927
HS15_str_inv	BOBJ1	186.26	Before	Interior Girder 4	62.42	0.95	1	1	2.51927
HS15_str_inv	BOBJ1	186.26	Before	Interior Girder 5	62.42	0.95	1	1	2.709981
HS15_str_inv	BOBJ1	186.26	Before	Interior Girder 6	62.42	0.95	1	1	2.69913
HS15_str_inv	BOBJ1	186.26	After	Interior Girder 1	62.42	0.95	1	1	3.89183
HS15_str_inv	BOBJ1	186.26	After	Interior Girder 2	62.42	0.95	1	1	3.797738
HS15_str_inv	BOBJ1	186.26	After	Interior Girder 3	62.42	0.95	1	1	3.577893
HS15_str_inv	BOBJ1	186.26	After	Interior Girder 4	62.42	0.95	1	1	3.577893
HS15_str_inv	BOBJ1	186.26	After	Interior Girder 5	62.42	0.95	1	1	3.797738
HS15_str_inv	BOBJ1	186.26	After	Interior Girder 6	62.42	0.95	1	1	3.89183
HS15_str_inv	BOBJ1	191.26	Before	Left Exterior Girder	67.42	0.95	1	1	3.424244
HS15_str_inv	BOBJ1	191.26	Before	Interior Girder 1	67.42	0.95	1	1	2.533023
HS15_str_inv	BOBJ1	191.26	Before	Interior Girder 2	67.42	0.95	1	1	2.47312
HS15_str_inv	BOBJ1	191.26	Before	Interior Girder 3	67.42	0.95	1	1	2.010781
HS15_str_inv	BOBJ1	191.26	Before	Interior Girder 4	67.42	0.95	1	1	2.010781
HS15_str_inv	BOBJ1	191.26	Before	Interior Girder 5	67.42	0.95	1	1	2.47312
HS15_str_inv	BOBJ1	191.26	Before	Interior Girder 6	67.42	0.95	1	1	2.533023
HS15_str_inv	BOBJ1	191.26	Before	Right Exterior Girder	67.42	0.95	1	1	3.424244
HS15_str_inv	BOBJ1	191.26	After	Left Exterior Girder	0	0.95	1	1	3.451608
HS15_str_inv	BOBJ1	191.26	After	Interior Girder 1	0	0.95	1	1	2.581967
HS15_str_inv	BOBJ1	191.26	After	Interior Girder 2	0	0.95	1	1	2.493738
HS15_str_inv	BOBJ1	191.26	After	Interior Girder 3	0	0.95	1	1	2.016966
HS15_str_inv	BOBJ1	191.26	After	Interior Girder 4	0	0.95	1	1	2.016966
HS15_str_inv	BOBJ1	191.26	After	Interior Girder 5	0	0.95	1	1	2.493738
HS15_str_inv	BOBJ1	191.26	After	Interior Girder 6	0	0.95	1	1	2.581967
HS15_str_inv	BOBJ1	191.26	After	Right Exterior Girder	0	0.95	1	1	3.451608
HS15_str_inv	BOBJ1	196.26	Before	Interior Girder 1	5	0.95	1	1	3.812079
HS15_str_inv	BOBJ1	196.26	Before	Interior Girder 2	5	0.95	1	1	3.736326
HS15_str_inv	BOBJ1	196.26	Before	Interior Girder 3	5	0.95	1	1	3.528933
HS15_str_inv	BOBJ1	196.26	Before	Interior Girder 4	5	0.95	1	1	3.528933
HS15_str_inv	BOBJ1	196.26	Before	Interior Girder 5	5	0.95	1	1	3.736326
HS15_str_inv	BOBJ1	196.26	Before	Interior Girder 6	5	0.95	1	1	3.812079
HS15_str_inv	BOBJ1	196.26	After	Interior Girder 1	5	0.95	1	1	2.640087
HS15_str_inv	BOBJ1	196.26	After	Interior Girder 2	5	0.95	1	1	2.664834
HS15_str_inv	BOBJ1	196.26	After	Interior Girder 3	5	0.95	1	1	2.475577
HS15_str_inv	BOBJ1	196.26	After	Interior Girder 4	5	0.95	1	1	2.475577
HS15_str_inv	BOBJ1	196.26	After	Interior Girder 5	5	0.95	1	1	2.664834
HS15_str_inv	BOBJ1	196.26	After	Interior Girder 6	5	0.95	1	1	2.640087
HS15_str_inv	BOBJ1	198.76	Before	Left Exterior Girder	7.5	0.95	1	1	5.802649
HS15_str_inv	BOBJ1	198.76	Before	Right Exterior Girder	7.5	0.95	1	1	5.802649
HS15_str_inv	BOBJ1	198.76	After	Left Exterior Girder	7.5	0.95	1	1	2.770494
HS15_str_inv	BOBJ1	198.76	After	Right Exterior Girder	7.5	0.95	1	1	2.770494
HS15_str_inv	BOBJ1	199.685	Before	Left Exterior Girder	8.425	0.95	1	1	3.048503
HS15_str_inv	BOBJ1	199.685	Before	Interior Girder 1	8.425	0.95	1	1	3.278219
HS15_str_inv	BOBJ1	199.685	Before	Interior Girder 2	8.425	0.95	1	1	3.31131
HS15_str_inv	BOBJ1	199.685	Before	Interior Girder 3	8.425	0.95	1	1	3.232919
HS15_str_inv	BOBJ1	199.685	Before	Interior Girder 4	8.425	0.95	1	1	3.232919
HS15_str_inv	BOBJ1	199.685	Before	Interior Girder 5	8.425	0.95	1	1	3.31131
HS15_str_inv	BOBJ1	199.685	Before	Interior Girder 6	8.425	0.95	1	1	3.278219
HS15_str_inv	BOBJ1	199.685	Before	Right Exterior Girder	8.425	0.95	1	1	3.048503

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelINonCompStrgth-Flx - Approach, Span 7-11									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
HS15_str_inv	BOBJ1	199.685	After	Left Exterior Girder	8.425	0.95	1	1	2.961168
HS15_str_inv	BOBJ1	199.685	After	Interior Girder 1	8.425	0.95	1	1	3.351258
HS15_str_inv	BOBJ1	199.685	After	Interior Girder 2	8.425	0.95	1	1	3.347234
HS15_str_inv	BOBJ1	199.685	After	Interior Girder 3	8.425	0.95	1	1	3.240552
HS15_str_inv	BOBJ1	199.685	After	Interior Girder 4	8.425	0.95	1	1	3.240552
HS15_str_inv	BOBJ1	199.685	After	Interior Girder 5	8.425	0.95	1	1	3.347234
HS15_str_inv	BOBJ1	199.685	After	Interior Girder 6	8.425	0.95	1	1	3.351258
HS15_str_inv	BOBJ1	199.685	After	Right Exterior Girder	8.425	0.95	1	1	2.961168
HS15_str_inv	BOBJ1	208.11	Before	Left Exterior Girder	16.85	0.95	1	1	3.941229
HS15_str_inv	BOBJ1	208.11	Before	Interior Girder 1	16.85	0.95	1	1	3.435018
HS15_str_inv	BOBJ1	208.11	Before	Interior Girder 2	16.85	0.95	1	1	3.15972
HS15_str_inv	BOBJ1	208.11	Before	Interior Girder 3	16.85	0.95	1	1	3.062061
HS15_str_inv	BOBJ1	208.11	Before	Interior Girder 4	16.85	0.95	1	1	3.062061
HS15_str_inv	BOBJ1	208.11	Before	Interior Girder 5	16.85	0.95	1	1	3.15972
HS15_str_inv	BOBJ1	208.11	Before	Interior Girder 6	16.85	0.95	1	1	3.435018
HS15_str_inv	BOBJ1	208.11	Before	Right Exterior Girder	16.85	0.95	1	1	3.941229
HS15_str_inv	BOBJ1	208.11	After	Left Exterior Girder	16.85	0.95	1	1	4.052962
HS15_str_inv	BOBJ1	208.11	After	Interior Girder 1	16.85	0.95	1	1	3.374045
HS15_str_inv	BOBJ1	208.11	After	Interior Girder 2	16.85	0.95	1	1	3.157457
HS15_str_inv	BOBJ1	208.11	After	Interior Girder 3	16.85	0.95	1	1	3.112801
HS15_str_inv	BOBJ1	208.11	After	Interior Girder 4	16.85	0.95	1	1	3.112801
HS15_str_inv	BOBJ1	208.11	After	Interior Girder 5	16.85	0.95	1	1	3.157457
HS15_str_inv	BOBJ1	208.11	After	Interior Girder 6	16.85	0.95	1	1	3.374045
HS15_str_inv	BOBJ1	208.11	After	Right Exterior Girder	16.85	0.95	1	1	4.052962
HS15_str_inv	BOBJ1	216.535	Before	Left Exterior Girder	25.275	0.95	1	1	2.439626
HS15_str_inv	BOBJ1	216.535	Before	Interior Girder 1	25.275	0.95	1	1	2.035749
HS15_str_inv	BOBJ1	216.535	Before	Interior Girder 2	25.275	0.95	1	1	1.972236
HS15_str_inv	BOBJ1	216.535	Before	Interior Girder 3	25.275	0.95	1	1	1.9083
HS15_str_inv	BOBJ1	216.535	Before	Interior Girder 4	25.275	0.95	1	1	1.9083
HS15_str_inv	BOBJ1	216.535	Before	Interior Girder 5	25.275	0.95	1	1	1.972236
HS15_str_inv	BOBJ1	216.535	Before	Interior Girder 6	25.275	0.95	1	1	2.035749
HS15_str_inv	BOBJ1	216.535	Before	Right Exterior Girder	25.275	0.95	1	1	2.439626
HS15_str_inv	BOBJ1	216.535	After	Left Exterior Girder	25.275	0.95	1	1	2.477865
HS15_str_inv	BOBJ1	216.535	After	Interior Girder 1	25.275	0.95	1	1	2.02032
HS15_str_inv	BOBJ1	216.535	After	Interior Girder 2	25.275	0.95	1	1	1.971062
HS15_str_inv	BOBJ1	216.535	After	Interior Girder 3	25.275	0.95	1	1	1.928261
HS15_str_inv	BOBJ1	216.535	After	Interior Girder 4	25.275	0.95	1	1	1.928261
HS15_str_inv	BOBJ1	216.535	After	Interior Girder 5	25.275	0.95	1	1	1.971062
HS15_str_inv	BOBJ1	216.535	After	Interior Girder 6	25.275	0.95	1	1	2.02032
HS15_str_inv	BOBJ1	216.535	After	Right Exterior Girder	25.275	0.95	1	1	2.477865
HS15_str_inv	BOBJ1	224.96	Before	Left Exterior Girder	33.7	0.95	1	1	2.012347
HS15_str_inv	BOBJ1	224.96	Before	Interior Girder 1	33.7	0.95	1	1	1.911287
HS15_str_inv	BOBJ1	224.96	Before	Interior Girder 2	33.7	0.95	1	1	1.870311
HS15_str_inv	BOBJ1	224.96	Before	Interior Girder 3	33.7	0.95	1	1	1.866767
HS15_str_inv	BOBJ1	224.96	Before	Interior Girder 4	33.7	0.95	1	1	1.866767
HS15_str_inv	BOBJ1	224.96	Before	Interior Girder 5	33.7	0.95	1	1	1.870311
HS15_str_inv	BOBJ1	224.96	Before	Interior Girder 6	33.7	0.95	1	1	1.911287
HS15_str_inv	BOBJ1	224.96	Before	Right Exterior Girder	33.7	0.95	1	1	2.012347
HS15_str_inv	BOBJ1	224.96	After	Left Exterior Girder	33.7	0.95	1	1	2.010004
HS15_str_inv	BOBJ1	224.96	After	Interior Girder 1	33.7	0.95	1	1	1.911822
HS15_str_inv	BOBJ1	224.96	After	Interior Girder 2	33.7	0.95	1	1	1.87247
HS15_str_inv	BOBJ1	224.96	After	Interior Girder 3	33.7	0.95	1	1	1.867813
HS15_str_inv	BOBJ1	224.96	After	Interior Girder 4	33.7	0.95	1	1	1.867813
HS15_str_inv	BOBJ1	224.96	After	Interior Girder 5	33.7	0.95	1	1	1.87247
HS15_str_inv	BOBJ1	224.96	After	Interior Girder 6	33.7	0.95	1	1	1.911822
HS15_str_inv	BOBJ1	224.96	After	Right Exterior Girder	33.7	0.95	1	1	2.010004
HS15_str_inv	BOBJ1	233.385	Before	Left Exterior Girder	42.125	0.95	1	1	2.543895
HS15_str_inv	BOBJ1	233.385	Before	Interior Girder 1	42.125	0.95	1	1	2.04798
HS15_str_inv	BOBJ1	233.385	Before	Interior Girder 2	42.125	0.95	1	1	1.989503
HS15_str_inv	BOBJ1	233.385	Before	Interior Girder 3	42.125	0.95	1	1	1.944589
HS15_str_inv	BOBJ1	233.385	Before	Interior Girder 4	42.125	0.95	1	1	1.944589
HS15_str_inv	BOBJ1	233.385	Before	Interior Girder 5	42.125	0.95	1	1	1.989503
HS15_str_inv	BOBJ1	233.385	Before	Interior Girder 6	42.125	0.95	1	1	2.04798
HS15_str_inv	BOBJ1	233.385	Before	Right Exterior Girder	42.125	0.95	1	1	2.543895
HS15_str_inv	BOBJ1	233.385	After	Left Exterior Girder	42.125	0.95	1	1	2.498805

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelINonCompStrgth-Flx - Approach, Span 7-11									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
HS15_str_inv	BOBJ1	233.385	After	Interior Girder 1	42.125	0.95	1	1	2.065641
HS15_str_inv	BOBJ1	233.385	After	Interior Girder 2	42.125	0.95	1	1	1.992251
HS15_str_inv	BOBJ1	233.385	After	Interior Girder 3	42.125	0.95	1	1	1.924995
HS15_str_inv	BOBJ1	233.385	After	Interior Girder 4	42.125	0.95	1	1	1.924995
HS15_str_inv	BOBJ1	233.385	After	Interior Girder 5	42.125	0.95	1	1	1.992251
HS15_str_inv	BOBJ1	233.385	After	Interior Girder 6	42.125	0.95	1	1	2.065641
HS15_str_inv	BOBJ1	233.385	After	Right Exterior Girder	42.125	0.95	1	1	2.498805
HS15_str_inv	BOBJ1	241.81	Before	Left Exterior Girder	50.55	0.95	1	1	4.293437
HS15_str_inv	BOBJ1	241.81	Before	Interior Girder 1	50.55	0.95	1	1	3.468953
HS15_str_inv	BOBJ1	241.81	Before	Interior Girder 2	50.55	0.95	1	1	3.216553
HS15_str_inv	BOBJ1	241.81	Before	Interior Girder 3	50.55	0.95	1	1	3.149109
HS15_str_inv	BOBJ1	241.81	Before	Interior Girder 4	50.55	0.95	1	1	3.149109
HS15_str_inv	BOBJ1	241.81	Before	Interior Girder 5	50.55	0.95	1	1	3.216553
HS15_str_inv	BOBJ1	241.81	Before	Interior Girder 6	50.55	0.95	1	1	3.468953
HS15_str_inv	BOBJ1	241.81	Before	Right Exterior Girder	50.55	0.95	1	1	4.293437
HS15_str_inv	BOBJ1	241.81	After	Left Exterior Girder	50.55	0.95	1	1	4.188747
HS15_str_inv	BOBJ1	241.81	After	Interior Girder 1	50.55	0.95	1	1	3.528336
HS15_str_inv	BOBJ1	241.81	After	Interior Girder 2	50.55	0.95	1	1	3.235695
HS15_str_inv	BOBJ1	241.81	After	Interior Girder 3	50.55	0.95	1	1	3.126598
HS15_str_inv	BOBJ1	241.81	After	Interior Girder 4	50.55	0.95	1	1	3.126598
HS15_str_inv	BOBJ1	241.81	After	Interior Girder 5	50.55	0.95	1	1	3.235695
HS15_str_inv	BOBJ1	241.81	After	Interior Girder 6	50.55	0.95	1	1	3.528336
HS15_str_inv	BOBJ1	241.81	After	Right Exterior Girder	50.55	0.95	1	1	4.188747
HS15_str_inv	BOBJ1	245.18	Before	Left Exterior Girder	53.92	0.95	1	1	4.845313
HS15_str_inv	BOBJ1	245.18	Before	Interior Girder 1	53.92	0.95	1	1	4.590228
HS15_str_inv	BOBJ1	245.18	Before	Interior Girder 2	53.92	0.95	1	1	4.143398
HS15_str_inv	BOBJ1	245.18	Before	Interior Girder 3	53.92	0.95	1	1	4.068146
HS15_str_inv	BOBJ1	245.18	Before	Interior Girder 4	53.92	0.95	1	1	4.068146
HS15_str_inv	BOBJ1	245.18	Before	Interior Girder 5	53.92	0.95	1	1	4.143398
HS15_str_inv	BOBJ1	245.18	Before	Interior Girder 6	53.92	0.95	1	1	4.590228
HS15_str_inv	BOBJ1	245.18	Before	Right Exterior Girder	53.92	0.95	1	1	4.845313
HS15_str_inv	BOBJ1	245.18	After	Left Exterior Girder	53.92	0.95	1	1	5.666023
HS15_str_inv	BOBJ1	245.18	After	Interior Girder 1	53.92	0.95	1	1	4.910376
HS15_str_inv	BOBJ1	245.18	After	Interior Girder 2	53.92	0.95	1	1	4.415178
HS15_str_inv	BOBJ1	245.18	After	Interior Girder 3	53.92	0.95	1	1	4.2815
HS15_str_inv	BOBJ1	245.18	After	Interior Girder 4	53.92	0.95	1	1	4.2815
HS15_str_inv	BOBJ1	245.18	After	Interior Girder 5	53.92	0.95	1	1	4.415178
HS15_str_inv	BOBJ1	245.18	After	Interior Girder 6	53.92	0.95	1	1	4.910376
HS15_str_inv	BOBJ1	245.18	After	Right Exterior Girder	53.92	0.95	1	1	5.666023
HS15_str_inv	BOBJ1	250.245	Before	Left Exterior Girder	58.985	0.95	1	1	4.025017
HS15_str_inv	BOBJ1	250.245	Before	Interior Girder 1	58.985	0.95	1	1	4.093276
HS15_str_inv	BOBJ1	250.245	Before	Interior Girder 2	58.985	0.95	1	1	3.932016
HS15_str_inv	BOBJ1	250.245	Before	Interior Girder 3	58.985	0.95	1	1	3.77779
HS15_str_inv	BOBJ1	250.245	Before	Interior Girder 4	58.985	0.95	1	1	3.77779
HS15_str_inv	BOBJ1	250.245	Before	Interior Girder 5	58.985	0.95	1	1	3.932016
HS15_str_inv	BOBJ1	250.245	Before	Interior Girder 6	58.985	0.95	1	1	4.093276
HS15_str_inv	BOBJ1	250.245	Before	Right Exterior Girder	58.985	0.95	1	1	4.025017
HS15_str_inv	BOBJ1	250.245	After	Left Exterior Girder	58.985	0.95	1	1	4.072501
HS15_str_inv	BOBJ1	250.245	After	Interior Girder 1	58.985	0.95	1	1	4.042912
HS15_str_inv	BOBJ1	250.245	After	Interior Girder 2	58.985	0.95	1	1	3.887081
HS15_str_inv	BOBJ1	250.245	After	Interior Girder 3	58.985	0.95	1	1	3.755103
HS15_str_inv	BOBJ1	250.245	After	Interior Girder 4	58.985	0.95	1	1	3.755103
HS15_str_inv	BOBJ1	250.245	After	Interior Girder 5	58.985	0.95	1	1	3.887081
HS15_str_inv	BOBJ1	250.245	After	Interior Girder 6	58.985	0.95	1	1	4.042912
HS15_str_inv	BOBJ1	250.245	After	Right Exterior Girder	58.985	0.95	1	1	4.072501
HS15_str_inv	BOBJ1	251.68	Before	Left Exterior Girder	60.42	0.95	1	1	3.611782
HS15_str_inv	BOBJ1	251.68	Before	Right Exterior Girder	60.42	0.95	1	1	3.611782
HS15_str_inv	BOBJ1	251.68	After	Left Exterior Girder	60.42	0.95	1	1	6.567201
HS15_str_inv	BOBJ1	251.68	After	Right Exterior Girder	60.42	0.95	1	1	6.567201
HS15_str_inv	BOBJ1	254.18	Before	Interior Girder 1	62.92	0.95	1	1	3.132999
HS15_str_inv	BOBJ1	254.18	Before	Interior Girder 2	62.92	0.95	1	1	3.043893
HS15_str_inv	BOBJ1	254.18	Before	Interior Girder 3	62.92	0.95	1	1	2.735351
HS15_str_inv	BOBJ1	254.18	Before	Interior Girder 4	62.92	0.95	1	1	2.735351
HS15_str_inv	BOBJ1	254.18	Before	Interior Girder 5	62.92	0.95	1	1	3.043893
HS15_str_inv	BOBJ1	254.18	Before	Interior Girder 6	62.92	0.95	1	1	3.132999

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelINonCompStrgth-Flx - Approach, Span 7-11									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
HS15_str_inv	BOBJ1	254.18	After	Interior Girder 1	62.92	0.95	1	1	3.912897
HS15_str_inv	BOBJ1	254.18	After	Interior Girder 2	62.92	0.95	1	1	3.710326
HS15_str_inv	BOBJ1	254.18	After	Interior Girder 3	62.92	0.95	1	1	3.367514
HS15_str_inv	BOBJ1	254.18	After	Interior Girder 4	62.92	0.95	1	1	3.367514
HS15_str_inv	BOBJ1	254.18	After	Interior Girder 5	62.92	0.95	1	1	3.710326
HS15_str_inv	BOBJ1	254.18	After	Interior Girder 6	62.92	0.95	1	1	3.912897
HS15_str_inv	BOBJ1	258.68	Before	Left Exterior Girder	67.42	0.95	1	1	3.334274
HS15_str_inv	BOBJ1	258.68	Before	Interior Girder 1	67.42	0.95	1	1	2.281347
HS15_str_inv	BOBJ1	258.68	Before	Interior Girder 2	67.42	0.95	1	1	2.229811
HS15_str_inv	BOBJ1	258.68	Before	Interior Girder 3	67.42	0.95	1	1	1.830938
HS15_str_inv	BOBJ1	258.68	Before	Interior Girder 4	67.42	0.95	1	1	1.830938
HS15_str_inv	BOBJ1	258.68	Before	Interior Girder 5	67.42	0.95	1	1	2.229811
HS15_str_inv	BOBJ1	258.68	Before	Interior Girder 6	67.42	0.95	1	1	2.281347
HS15_str_inv	BOBJ1	258.68	Before	Right Exterior Girder	67.42	0.95	1	1	3.334274
HS15_str_inv	BOBJ1	258.68	After	Left Exterior Girder	0	0.95	1	1	3.242261
HS15_str_inv	BOBJ1	258.68	After	Interior Girder 1	0	0.95	1	1	2.261146
HS15_str_inv	BOBJ1	258.68	After	Interior Girder 2	0	0.95	1	1	2.21041
HS15_str_inv	BOBJ1	258.68	After	Interior Girder 3	0	0.95	1	1	1.771158
HS15_str_inv	BOBJ1	258.68	After	Interior Girder 4	0	0.95	1	1	1.771158
HS15_str_inv	BOBJ1	258.68	After	Interior Girder 5	0	0.95	1	1	2.21041
HS15_str_inv	BOBJ1	258.68	After	Interior Girder 6	0	0.95	1	1	2.261146
HS15_str_inv	BOBJ1	258.68	After	Right Exterior Girder	0	0.95	1	1	3.242261
HS15_str_inv	BOBJ1	263.18	Before	Interior Girder 1	4.5	0.95	1	1	3.258385
HS15_str_inv	BOBJ1	263.18	Before	Interior Girder 2	4.5	0.95	1	1	3.17607
HS15_str_inv	BOBJ1	263.18	Before	Interior Girder 3	4.5	0.95	1	1	2.970872
HS15_str_inv	BOBJ1	263.18	Before	Interior Girder 4	4.5	0.95	1	1	2.970872
HS15_str_inv	BOBJ1	263.18	Before	Interior Girder 5	4.5	0.95	1	1	3.17607
HS15_str_inv	BOBJ1	263.18	Before	Interior Girder 6	4.5	0.95	1	1	3.258385
HS15_str_inv	BOBJ1	263.18	After	Interior Girder 1	4.5	0.95	1	1	2.593862
HS15_str_inv	BOBJ1	263.18	After	Interior Girder 2	4.5	0.95	1	1	2.600866
HS15_str_inv	BOBJ1	263.18	After	Interior Girder 3	4.5	0.95	1	1	2.402705
HS15_str_inv	BOBJ1	263.18	After	Interior Girder 4	4.5	0.95	1	1	2.402705
HS15_str_inv	BOBJ1	263.18	After	Interior Girder 5	4.5	0.95	1	1	2.600866
HS15_str_inv	BOBJ1	263.18	After	Interior Girder 6	4.5	0.95	1	1	2.593862
HS15_str_inv	BOBJ1	265.68	Before	Left Exterior Girder	7	0.95	1	1	5.17683
HS15_str_inv	BOBJ1	265.68	Before	Right Exterior Girder	7	0.95	1	1	5.17683
HS15_str_inv	BOBJ1	265.68	After	Left Exterior Girder	7	0.95	1	1	2.856091
HS15_str_inv	BOBJ1	265.68	After	Right Exterior Girder	7	0.95	1	1	2.856091
HS15_str_inv	BOBJ1	268.08	Before	Left Exterior Girder	9.4	0.95	1	1	3.512604
HS15_str_inv	BOBJ1	268.08	Before	Interior Girder 1	9.4	0.95	1	1	3.536565
HS15_str_inv	BOBJ1	268.08	Before	Interior Girder 2	9.4	0.95	1	1	3.53411
HS15_str_inv	BOBJ1	268.08	Before	Interior Girder 3	9.4	0.95	1	1	3.474829
HS15_str_inv	BOBJ1	268.08	Before	Interior Girder 4	9.4	0.95	1	1	3.474829
HS15_str_inv	BOBJ1	268.08	Before	Interior Girder 5	9.4	0.95	1	1	3.53411
HS15_str_inv	BOBJ1	268.08	Before	Interior Girder 6	9.4	0.95	1	1	3.536565
HS15_str_inv	BOBJ1	268.08	Before	Right Exterior Girder	9.4	0.95	1	1	3.512604
HS15_str_inv	BOBJ1	268.08	After	Left Exterior Girder	9.4	0.95	1	1	3.424337
HS15_str_inv	BOBJ1	268.08	After	Interior Girder 1	9.4	0.95	1	1	3.606982
HS15_str_inv	BOBJ1	268.08	After	Interior Girder 2	9.4	0.95	1	1	3.584438
HS15_str_inv	BOBJ1	268.08	After	Interior Girder 3	9.4	0.95	1	1	3.488864
HS15_str_inv	BOBJ1	268.08	After	Interior Girder 4	9.4	0.95	1	1	3.488864
HS15_str_inv	BOBJ1	268.08	After	Interior Girder 5	9.4	0.95	1	1	3.584438
HS15_str_inv	BOBJ1	268.08	After	Interior Girder 6	9.4	0.95	1	1	3.606982
HS15_str_inv	BOBJ1	268.08	After	Right Exterior Girder	9.4	0.95	1	1	3.424337
HS15_str_inv	BOBJ1	277.48	Before	Left Exterior Girder	18.8	0.95	1	1	3.405927
HS15_str_inv	BOBJ1	277.48	Before	Interior Girder 1	18.8	0.95	1	1	2.973196
HS15_str_inv	BOBJ1	277.48	Before	Interior Girder 2	18.8	0.95	1	1	2.737928
HS15_str_inv	BOBJ1	277.48	Before	Interior Girder 3	18.8	0.95	1	1	2.656853
HS15_str_inv	BOBJ1	277.48	Before	Interior Girder 4	18.8	0.95	1	1	2.656853
HS15_str_inv	BOBJ1	277.48	Before	Interior Girder 5	18.8	0.95	1	1	2.737928
HS15_str_inv	BOBJ1	277.48	Before	Interior Girder 6	18.8	0.95	1	1	2.973196
HS15_str_inv	BOBJ1	277.48	Before	Right Exterior Girder	18.8	0.95	1	1	3.405927
HS15_str_inv	BOBJ1	277.48	After	Left Exterior Girder	18.8	0.95	1	1	3.484763
HS15_str_inv	BOBJ1	277.48	After	Interior Girder 1	18.8	0.95	1	1	2.920547
HS15_str_inv	BOBJ1	277.48	After	Interior Girder 2	18.8	0.95	1	1	2.741467

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelINonCompStrgth-Flx - Approach, Span 7-11									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
HS15_str_inv	BOBJ1	277.48	After	Interior Girder 3	18.8	0.95	1	1	2.692785
HS15_str_inv	BOBJ1	277.48	After	Interior Girder 4	18.8	0.95	1	1	2.692785
HS15_str_inv	BOBJ1	277.48	After	Interior Girder 5	18.8	0.95	1	1	2.741467
HS15_str_inv	BOBJ1	277.48	After	Interior Girder 6	18.8	0.95	1	1	2.920547
HS15_str_inv	BOBJ1	277.48	After	Right Exterior Girder	18.8	0.95	1	1	3.484763
HS15_str_inv	BOBJ1	286.88	Before	Left Exterior Girder	28.2	0.95	1	1	2.391833
HS15_str_inv	BOBJ1	286.88	Before	Interior Girder 1	28.2	0.95	1	1	1.884573
HS15_str_inv	BOBJ1	286.88	Before	Interior Girder 2	28.2	0.95	1	1	1.814676
HS15_str_inv	BOBJ1	286.88	Before	Interior Girder 3	28.2	0.95	1	1	1.746121
HS15_str_inv	BOBJ1	286.88	Before	Interior Girder 4	28.2	0.95	1	1	1.746121
HS15_str_inv	BOBJ1	286.88	Before	Interior Girder 5	28.2	0.95	1	1	1.814676
HS15_str_inv	BOBJ1	286.88	Before	Interior Girder 6	28.2	0.95	1	1	1.884573
HS15_str_inv	BOBJ1	286.88	Before	Right Exterior Girder	28.2	0.95	1	1	2.391833
HS15_str_inv	BOBJ1	286.88	After	Left Exterior Girder	28.2	0.95	1	1	2.404622
HS15_str_inv	BOBJ1	286.88	After	Interior Girder 1	28.2	0.95	1	1	1.880265
HS15_str_inv	BOBJ1	286.88	After	Interior Girder 2	28.2	0.95	1	1	1.819705
HS15_str_inv	BOBJ1	286.88	After	Interior Girder 3	28.2	0.95	1	1	1.758224
HS15_str_inv	BOBJ1	286.88	After	Interior Girder 4	28.2	0.95	1	1	1.758224
HS15_str_inv	BOBJ1	286.88	After	Interior Girder 5	28.2	0.95	1	1	1.819705
HS15_str_inv	BOBJ1	286.88	After	Interior Girder 6	28.2	0.95	1	1	1.880265
HS15_str_inv	BOBJ1	286.88	After	Right Exterior Girder	28.2	0.95	1	1	2.404622
HS15_str_inv	BOBJ1	296.28	Before	Left Exterior Girder	37.6	0.95	1	1	2.204167
HS15_str_inv	BOBJ1	296.28	Before	Interior Girder 1	37.6	0.95	1	1	1.958089
HS15_str_inv	BOBJ1	296.28	Before	Interior Girder 2	37.6	0.95	1	1	1.880632
HS15_str_inv	BOBJ1	296.28	Before	Interior Girder 3	37.6	0.95	1	1	1.864384
HS15_str_inv	BOBJ1	296.28	Before	Interior Girder 4	37.6	0.95	1	1	1.864384
HS15_str_inv	BOBJ1	296.28	Before	Interior Girder 5	37.6	0.95	1	1	1.880632
HS15_str_inv	BOBJ1	296.28	Before	Interior Girder 6	37.6	0.95	1	1	1.958089
HS15_str_inv	BOBJ1	296.28	Before	Right Exterior Girder	37.6	0.95	1	1	2.204167
HS15_str_inv	BOBJ1	296.28	After	Left Exterior Girder	37.6	0.95	1	1	2.177501
HS15_str_inv	BOBJ1	296.28	After	Interior Girder 1	37.6	0.95	1	1	1.977029
HS15_str_inv	BOBJ1	296.28	After	Interior Girder 2	37.6	0.95	1	1	1.878043
HS15_str_inv	BOBJ1	296.28	After	Interior Girder 3	37.6	0.95	1	1	1.850286
HS15_str_inv	BOBJ1	296.28	After	Interior Girder 4	37.6	0.95	1	1	1.850286
HS15_str_inv	BOBJ1	296.28	After	Interior Girder 5	37.6	0.95	1	1	1.878043
HS15_str_inv	BOBJ1	296.28	After	Interior Girder 6	37.6	0.95	1	1	1.977029
HS15_str_inv	BOBJ1	296.28	After	Right Exterior Girder	37.6	0.95	1	1	2.177501
HS15_str_inv	BOBJ1	305.69	Before	Left Exterior Girder	47.01	0.95	1	1	3.893312
HS15_str_inv	BOBJ1	305.69	Before	Interior Girder 1	47.01	0.95	1	1	2.677034
HS15_str_inv	BOBJ1	305.69	Before	Interior Girder 2	47.01	0.95	1	1	2.56931
HS15_str_inv	BOBJ1	305.69	Before	Interior Girder 3	47.01	0.95	1	1	2.4373
HS15_str_inv	BOBJ1	305.69	Before	Interior Girder 4	47.01	0.95	1	1	2.4373
HS15_str_inv	BOBJ1	305.69	Before	Interior Girder 5	47.01	0.95	1	1	2.56931
HS15_str_inv	BOBJ1	305.69	Before	Interior Girder 6	47.01	0.95	1	1	2.677034
HS15_str_inv	BOBJ1	305.69	Before	Right Exterior Girder	47.01	0.95	1	1	3.893312
HS15_str_inv	BOBJ1	305.69	After	Left Exterior Girder	47.01	0.95	1	1	3.871331
HS15_str_inv	BOBJ1	305.69	After	Interior Girder 1	47.01	0.95	1	1	2.688579
HS15_str_inv	BOBJ1	305.69	After	Interior Girder 2	47.01	0.95	1	1	2.522374
HS15_str_inv	BOBJ1	305.69	After	Interior Girder 3	47.01	0.95	1	1	2.347495
HS15_str_inv	BOBJ1	305.69	After	Interior Girder 4	47.01	0.95	1	1	2.347495
HS15_str_inv	BOBJ1	305.69	After	Interior Girder 5	47.01	0.95	1	1	2.522374
HS15_str_inv	BOBJ1	305.69	After	Interior Girder 6	47.01	0.95	1	1	2.688579
HS15_str_inv	BOBJ1	305.69	After	Right Exterior Girder	47.01	0.95	1	1	3.871331
HS15_str_inv	BOBJ1	315.1	Before	Left Exterior Girder	56.42	0.95	1	1	308.731573
HS15_str_inv	BOBJ1	315.1	Before	Interior Girder 1	56.42	0.95	1	1	268.126571
HS15_str_inv	BOBJ1	315.1	Before	Interior Girder 2	56.42	0.95	1	1	200.111979
HS15_str_inv	BOBJ1	315.1	Before	Interior Girder 3	56.42	0.95	1	1	146.102639
HS15_str_inv	BOBJ1	315.1	Before	Interior Girder 4	56.42	0.95	1	1	146.102639
HS15_str_inv	BOBJ1	315.1	Before	Interior Girder 5	56.42	0.95	1	1	200.11198
HS15_str_inv	BOBJ1	315.1	Before	Interior Girder 6	56.42	0.95	1	1	268.12657
HS15_str_inv	BOBJ1	315.1	Before	Right Exterior Girder	56.42	0.95	1	1	308.731575
Lane_str_opr	BOBJ1	0	After	Left Exterior Girder	0	0.95	1	1	1196.457525
Lane_str_opr	BOBJ1	0	After	Interior Girder 1	0	0.95	1	1	1192.409927
Lane_str_opr	BOBJ1	0	After	Interior Girder 2	0	0.95	1	1	1038.473506
Lane_str_opr	BOBJ1	0	After	Interior Girder 3	0	0.95	1	1	844.812118

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelINonCompStrgth-Flx - Approach, Span 7-11									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Lane_str_opr	BOBJ1	0	After	Interior Girder 4	0	0.95	1	1	844.812113
Lane_str_opr	BOBJ1	0	After	Interior Girder 5	0	0.95	1	1	1038.473503
Lane_str_opr	BOBJ1	0	After	Interior Girder 6	0	0.95	1	1	1192.409949
Lane_str_opr	BOBJ1	0	After	Right Exterior Girder	0	0.95	1	1	1196.457525
Lane_str_opr	BOBJ1	9.4	Before	Left Exterior Girder	9.4	0.95	1	1	18.735918
Lane_str_opr	BOBJ1	9.4	Before	Interior Girder 1	9.4	0.95	1	1	13.004563
Lane_str_opr	BOBJ1	9.4	Before	Interior Girder 2	9.4	0.95	1	1	12.966099
Lane_str_opr	BOBJ1	9.4	Before	Interior Girder 3	9.4	0.95	1	1	12.730268
Lane_str_opr	BOBJ1	9.4	Before	Interior Girder 4	9.4	0.95	1	1	12.730268
Lane_str_opr	BOBJ1	9.4	Before	Interior Girder 5	9.4	0.95	1	1	12.966099
Lane_str_opr	BOBJ1	9.4	Before	Interior Girder 6	9.4	0.95	1	1	13.004563
Lane_str_opr	BOBJ1	9.4	Before	Right Exterior Girder	9.4	0.95	1	1	18.735918
Lane_str_opr	BOBJ1	9.4	After	Left Exterior Girder	9.4	0.95	1	1	18.6897
Lane_str_opr	BOBJ1	9.4	After	Interior Girder 1	9.4	0.95	1	1	12.890152
Lane_str_opr	BOBJ1	9.4	After	Interior Girder 2	9.4	0.95	1	1	13.15259
Lane_str_opr	BOBJ1	9.4	After	Interior Girder 3	9.4	0.95	1	1	13.186417
Lane_str_opr	BOBJ1	9.4	After	Interior Girder 4	9.4	0.95	1	1	13.186417
Lane_str_opr	BOBJ1	9.4	After	Interior Girder 5	9.4	0.95	1	1	13.15259
Lane_str_opr	BOBJ1	9.4	After	Interior Girder 6	9.4	0.95	1	1	12.890152
Lane_str_opr	BOBJ1	9.4	After	Right Exterior Girder	9.4	0.95	1	1	18.6897
Lane_str_opr	BOBJ1	18.8	Before	Left Exterior Girder	18.8	0.95	1	1	9.367231
Lane_str_opr	BOBJ1	18.8	Before	Interior Girder 1	18.8	0.95	1	1	8.281618
Lane_str_opr	BOBJ1	18.8	Before	Interior Girder 2	18.8	0.95	1	1	7.96868
Lane_str_opr	BOBJ1	18.8	Before	Interior Girder 3	18.8	0.95	1	1	8.083575
Lane_str_opr	BOBJ1	18.8	Before	Interior Girder 4	18.8	0.95	1	1	8.083575
Lane_str_opr	BOBJ1	18.8	Before	Interior Girder 5	18.8	0.95	1	1	7.96868
Lane_str_opr	BOBJ1	18.8	Before	Interior Girder 6	18.8	0.95	1	1	8.281618
Lane_str_opr	BOBJ1	18.8	Before	Right Exterior Girder	18.8	0.95	1	1	9.367231
Lane_str_opr	BOBJ1	18.8	After	Left Exterior Girder	18.8	0.95	1	1	9.473797
Lane_str_opr	BOBJ1	18.8	After	Interior Girder 1	18.8	0.95	1	1	8.18543
Lane_str_opr	BOBJ1	18.8	After	Interior Girder 2	18.8	0.95	1	1	7.98472
Lane_str_opr	BOBJ1	18.8	After	Interior Girder 3	18.8	0.95	1	1	8.179759
Lane_str_opr	BOBJ1	18.8	After	Interior Girder 4	18.8	0.95	1	1	8.179759
Lane_str_opr	BOBJ1	18.8	After	Interior Girder 5	18.8	0.95	1	1	7.98472
Lane_str_opr	BOBJ1	18.8	After	Interior Girder 6	18.8	0.95	1	1	8.18543
Lane_str_opr	BOBJ1	18.8	After	Right Exterior Girder	18.8	0.95	1	1	9.473797
Lane_str_opr	BOBJ1	28.2	Before	Left Exterior Girder	28.2	0.95	1	1	9.748395
Lane_str_opr	BOBJ1	28.2	Before	Interior Girder 1	28.2	0.95	1	1	7.559295
Lane_str_opr	BOBJ1	28.2	Before	Interior Girder 2	28.2	0.95	1	1	7.54583
Lane_str_opr	BOBJ1	28.2	Before	Interior Girder 3	28.2	0.95	1	1	7.660574
Lane_str_opr	BOBJ1	28.2	Before	Interior Girder 4	28.2	0.95	1	1	7.660574
Lane_str_opr	BOBJ1	28.2	Before	Interior Girder 5	28.2	0.95	1	1	7.54583
Lane_str_opr	BOBJ1	28.2	Before	Interior Girder 6	28.2	0.95	1	1	7.559295
Lane_str_opr	BOBJ1	28.2	Before	Right Exterior Girder	28.2	0.95	1	1	9.748395
Lane_str_opr	BOBJ1	28.2	After	Left Exterior Girder	28.2	0.95	1	1	9.717622
Lane_str_opr	BOBJ1	28.2	After	Interior Girder 1	28.2	0.95	1	1	7.585201
Lane_str_opr	BOBJ1	28.2	After	Interior Girder 2	28.2	0.95	1	1	7.55338
Lane_str_opr	BOBJ1	28.2	After	Interior Girder 3	28.2	0.95	1	1	7.632801
Lane_str_opr	BOBJ1	28.2	After	Interior Girder 4	28.2	0.95	1	1	7.632801
Lane_str_opr	BOBJ1	28.2	After	Interior Girder 5	28.2	0.95	1	1	7.55338
Lane_str_opr	BOBJ1	28.2	After	Interior Girder 6	28.2	0.95	1	1	7.585201
Lane_str_opr	BOBJ1	28.2	After	Right Exterior Girder	28.2	0.95	1	1	9.717622
Lane_str_opr	BOBJ1	37.6	Before	Left Exterior Girder	37.6	0.95	1	1	13.304437
Lane_str_opr	BOBJ1	37.6	Before	Interior Girder 1	37.6	0.95	1	1	11.468014
Lane_str_opr	BOBJ1	37.6	Before	Interior Girder 2	37.6	0.95	1	1	11.133194
Lane_str_opr	BOBJ1	37.6	Before	Interior Girder 3	37.6	0.95	1	1	11.402659
Lane_str_opr	BOBJ1	37.6	Before	Interior Girder 4	37.6	0.95	1	1	11.402659
Lane_str_opr	BOBJ1	37.6	Before	Interior Girder 5	37.6	0.95	1	1	11.133194
Lane_str_opr	BOBJ1	37.6	Before	Interior Girder 6	37.6	0.95	1	1	11.468014
Lane_str_opr	BOBJ1	37.6	Before	Right Exterior Girder	37.6	0.95	1	1	13.304437
Lane_str_opr	BOBJ1	37.6	After	Left Exterior Girder	37.6	0.95	1	1	13.117493
Lane_str_opr	BOBJ1	37.6	After	Interior Girder 1	37.6	0.95	1	1	11.681473
Lane_str_opr	BOBJ1	37.6	After	Interior Girder 2	37.6	0.95	1	1	11.117823
Lane_str_opr	BOBJ1	37.6	After	Interior Girder 3	37.6	0.95	1	1	11.306606
Lane_str_opr	BOBJ1	37.6	After	Interior Girder 4	37.6	0.95	1	1	11.306606

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelINonCompStrgth-Flx - Approach, Span 7-11									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Lane_str_opr	BOBJ1	37.6	After	Interior Girder 5	37.6	0.95	1	1	11.117823
Lane_str_opr	BOBJ1	37.6	After	Interior Girder 6	37.6	0.95	1	1	11.681473
Lane_str_opr	BOBJ1	37.6	After	Right Exterior Girder	37.6	0.95	1	1	13.117493
Lane_str_opr	BOBJ1	47.01	Before	Left Exterior Girder	47.01	0.95	1	1	11.673982
Lane_str_opr	BOBJ1	47.01	Before	Interior Girder 1	47.01	0.95	1	1	11.132088
Lane_str_opr	BOBJ1	47.01	Before	Interior Girder 2	47.01	0.95	1	1	10.747106
Lane_str_opr	BOBJ1	47.01	Before	Interior Girder 3	47.01	0.95	1	1	10.707024
Lane_str_opr	BOBJ1	47.01	Before	Interior Girder 4	47.01	0.95	1	1	10.707024
Lane_str_opr	BOBJ1	47.01	Before	Interior Girder 5	47.01	0.95	1	1	10.747106
Lane_str_opr	BOBJ1	47.01	Before	Interior Girder 6	47.01	0.95	1	1	11.132088
Lane_str_opr	BOBJ1	47.01	Before	Right Exterior Girder	47.01	0.95	1	1	11.673982
Lane_str_opr	BOBJ1	47.01	After	Left Exterior Girder	47.01	0.95	1	1	12.1099
Lane_str_opr	BOBJ1	47.01	After	Interior Girder 1	47.01	0.95	1	1	10.934507
Lane_str_opr	BOBJ1	47.01	After	Interior Girder 2	47.01	0.95	1	1	10.769902
Lane_str_opr	BOBJ1	47.01	After	Interior Girder 3	47.01	0.95	1	1	10.884374
Lane_str_opr	BOBJ1	47.01	After	Interior Girder 4	47.01	0.95	1	1	10.884374
Lane_str_opr	BOBJ1	47.01	After	Interior Girder 5	47.01	0.95	1	1	10.769902
Lane_str_opr	BOBJ1	47.01	After	Interior Girder 6	47.01	0.95	1	1	10.934507
Lane_str_opr	BOBJ1	47.01	After	Right Exterior Girder	47.01	0.95	1	1	12.1099
Lane_str_opr	BOBJ1	49.42	Before	Left Exterior Girder	49.42	0.95	1	1	8.927604
Lane_str_opr	BOBJ1	49.42	Before	Right Exterior Girder	49.42	0.95	1	1	8.927604
Lane_str_opr	BOBJ1	49.42	After	Left Exterior Girder	49.42	0.95	1	1	16.212372
Lane_str_opr	BOBJ1	49.42	After	Right Exterior Girder	49.42	0.95	1	1	16.212372
Lane_str_opr	BOBJ1	51.92	Before	Interior Girder 1	51.92	0.95	1	1	6.324235
Lane_str_opr	BOBJ1	51.92	Before	Interior Girder 2	51.92	0.95	1	1	6.3405
Lane_str_opr	BOBJ1	51.92	Before	Interior Girder 3	51.92	0.95	1	1	5.766866
Lane_str_opr	BOBJ1	51.92	Before	Interior Girder 4	51.92	0.95	1	1	5.766866
Lane_str_opr	BOBJ1	51.92	Before	Interior Girder 5	51.92	0.95	1	1	6.3405
Lane_str_opr	BOBJ1	51.92	Before	Interior Girder 6	51.92	0.95	1	1	6.324235
Lane_str_opr	BOBJ1	51.92	After	Interior Girder 1	51.92	0.95	1	1	7.934495
Lane_str_opr	BOBJ1	51.92	After	Interior Girder 2	51.92	0.95	1	1	7.827655
Lane_str_opr	BOBJ1	51.92	After	Interior Girder 3	51.92	0.95	1	1	7.256662
Lane_str_opr	BOBJ1	51.92	After	Interior Girder 4	51.92	0.95	1	1	7.256662
Lane_str_opr	BOBJ1	51.92	After	Interior Girder 5	51.92	0.95	1	1	7.827655
Lane_str_opr	BOBJ1	51.92	After	Interior Girder 6	51.92	0.95	1	1	7.934495
Lane_str_opr	BOBJ1	56.42	Before	Left Exterior Girder	56.42	0.95	1	1	7.226151
Lane_str_opr	BOBJ1	56.42	Before	Interior Girder 1	56.42	0.95	1	1	4.292921
Lane_str_opr	BOBJ1	56.42	Before	Interior Girder 2	56.42	0.95	1	1	4.445652
Lane_str_opr	BOBJ1	56.42	Before	Interior Girder 3	56.42	0.95	1	1	3.739472
Lane_str_opr	BOBJ1	56.42	Before	Interior Girder 4	56.42	0.95	1	1	3.739472
Lane_str_opr	BOBJ1	56.42	Before	Interior Girder 5	56.42	0.95	1	1	4.445652
Lane_str_opr	BOBJ1	56.42	Before	Interior Girder 6	56.42	0.95	1	1	4.292921
Lane_str_opr	BOBJ1	56.42	Before	Right Exterior Girder	56.42	0.95	1	1	7.226151
Lane_str_opr	BOBJ1	56.42	After	Left Exterior Girder	0	0.95	1	1	7.482278
Lane_str_opr	BOBJ1	56.42	After	Interior Girder 1	0	0.95	1	1	4.526352
Lane_str_opr	BOBJ1	56.42	After	Interior Girder 2	0	0.95	1	1	4.685119
Lane_str_opr	BOBJ1	56.42	After	Interior Girder 3	0	0.95	1	1	3.896465
Lane_str_opr	BOBJ1	56.42	After	Interior Girder 4	0	0.95	1	1	3.896465
Lane_str_opr	BOBJ1	56.42	After	Interior Girder 5	0	0.95	1	1	4.685119
Lane_str_opr	BOBJ1	56.42	After	Interior Girder 6	0	0.95	1	1	4.526352
Lane_str_opr	BOBJ1	56.42	After	Right Exterior Girder	0	0.95	1	1	7.482278
Lane_str_opr	BOBJ1	60.92	Before	Interior Girder 1	4.5	0.95	1	1	8.453992
Lane_str_opr	BOBJ1	60.92	Before	Interior Girder 2	4.5	0.95	1	1	8.319828
Lane_str_opr	BOBJ1	60.92	Before	Interior Girder 3	4.5	0.95	1	1	7.552209
Lane_str_opr	BOBJ1	60.92	Before	Interior Girder 4	4.5	0.95	1	1	7.552209
Lane_str_opr	BOBJ1	60.92	Before	Interior Girder 5	4.5	0.95	1	1	8.319828
Lane_str_opr	BOBJ1	60.92	Before	Interior Girder 6	4.5	0.95	1	1	8.453992
Lane_str_opr	BOBJ1	60.92	After	Interior Girder 1	4.5	0.95	1	1	6.733678
Lane_str_opr	BOBJ1	60.92	After	Interior Girder 2	4.5	0.95	1	1	6.747723
Lane_str_opr	BOBJ1	60.92	After	Interior Girder 3	4.5	0.95	1	1	5.993008
Lane_str_opr	BOBJ1	60.92	After	Interior Girder 4	4.5	0.95	1	1	5.993008
Lane_str_opr	BOBJ1	60.92	After	Interior Girder 5	4.5	0.95	1	1	6.747723
Lane_str_opr	BOBJ1	60.92	After	Interior Girder 6	4.5	0.95	1	1	6.733678
Lane_str_opr	BOBJ1	63.42	Before	Left Exterior Girder	7	0.95	1	1	18.36348
Lane_str_opr	BOBJ1	63.42	Before	Right Exterior Girder	7	0.95	1	1	18.36348

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelINonCompStrgth-Flx - Approach, Span 7-11									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Lane_str_opr	BOBJ1	63.42	After	Left Exterior Girder	7	0.95	1	1	10.082794
Lane_str_opr	BOBJ1	63.42	After	Right Exterior Girder	7	0.95	1	1	10.082794
Lane_str_opr	BOBJ1	64.845	Before	Left Exterior Girder	8.425	0.95	1	1	12.971412
Lane_str_opr	BOBJ1	64.845	Before	Interior Girder 1	8.425	0.95	1	1	11.309393
Lane_str_opr	BOBJ1	64.845	Before	Interior Girder 2	8.425	0.95	1	1	11.004886
Lane_str_opr	BOBJ1	64.845	Before	Interior Girder 3	8.425	0.95	1	1	10.587573
Lane_str_opr	BOBJ1	64.845	Before	Interior Girder 4	8.425	0.95	1	1	10.587573
Lane_str_opr	BOBJ1	64.845	Before	Interior Girder 5	8.425	0.95	1	1	11.004886
Lane_str_opr	BOBJ1	64.845	Before	Interior Girder 6	8.425	0.95	1	1	11.309393
Lane_str_opr	BOBJ1	64.845	Before	Right Exterior Girder	8.425	0.95	1	1	12.971412
Lane_str_opr	BOBJ1	64.845	After	Left Exterior Girder	8.425	0.95	1	1	12.733145
Lane_str_opr	BOBJ1	64.845	After	Interior Girder 1	8.425	0.95	1	1	11.431564
Lane_str_opr	BOBJ1	64.845	After	Interior Girder 2	8.425	0.95	1	1	11.043083
Lane_str_opr	BOBJ1	64.845	After	Interior Girder 3	8.425	0.95	1	1	10.468753
Lane_str_opr	BOBJ1	64.845	After	Interior Girder 4	8.425	0.95	1	1	10.468753
Lane_str_opr	BOBJ1	64.845	After	Interior Girder 5	8.425	0.95	1	1	11.043083
Lane_str_opr	BOBJ1	64.845	After	Interior Girder 6	8.425	0.95	1	1	11.431564
Lane_str_opr	BOBJ1	64.845	After	Right Exterior Girder	8.425	0.95	1	1	12.733145
Lane_str_opr	BOBJ1	69.92	Before	Left Exterior Girder	13.5	0.95	1	1	23.263966
Lane_str_opr	BOBJ1	69.92	Before	Interior Girder 1	13.5	0.95	1	1	19.28845
Lane_str_opr	BOBJ1	69.92	Before	Interior Girder 2	13.5	0.95	1	1	18.21723
Lane_str_opr	BOBJ1	69.92	Before	Interior Girder 3	13.5	0.95	1	1	19.317584
Lane_str_opr	BOBJ1	69.92	Before	Interior Girder 4	13.5	0.95	1	1	19.317584
Lane_str_opr	BOBJ1	69.92	Before	Interior Girder 5	13.5	0.95	1	1	18.21723
Lane_str_opr	BOBJ1	69.92	Before	Interior Girder 6	13.5	0.95	1	1	19.28845
Lane_str_opr	BOBJ1	69.92	Before	Right Exterior Girder	13.5	0.95	1	1	23.263966
Lane_str_opr	BOBJ1	69.92	After	Left Exterior Girder	13.5	0.95	1	1	19.652564
Lane_str_opr	BOBJ1	69.92	After	Interior Girder 1	13.5	0.95	1	1	18.167727
Lane_str_opr	BOBJ1	69.92	After	Interior Girder 2	13.5	0.95	1	1	17.00615
Lane_str_opr	BOBJ1	69.92	After	Interior Girder 3	13.5	0.95	1	1	17.880627
Lane_str_opr	BOBJ1	69.92	After	Interior Girder 4	13.5	0.95	1	1	17.880627
Lane_str_opr	BOBJ1	69.92	After	Interior Girder 5	13.5	0.95	1	1	17.00615
Lane_str_opr	BOBJ1	69.92	After	Interior Girder 6	13.5	0.95	1	1	18.167727
Lane_str_opr	BOBJ1	69.92	After	Right Exterior Girder	13.5	0.95	1	1	19.652564
Lane_str_opr	BOBJ1	73.27	Before	Left Exterior Girder	16.85	0.95	1	1	19.428735
Lane_str_opr	BOBJ1	73.27	Before	Interior Girder 1	16.85	0.95	1	1	17.21945
Lane_str_opr	BOBJ1	73.27	Before	Interior Girder 2	16.85	0.95	1	1	16.089863
Lane_str_opr	BOBJ1	73.27	Before	Interior Girder 3	16.85	0.95	1	1	16.161475
Lane_str_opr	BOBJ1	73.27	Before	Interior Girder 4	16.85	0.95	1	1	16.161475
Lane_str_opr	BOBJ1	73.27	Before	Interior Girder 5	16.85	0.95	1	1	16.089863
Lane_str_opr	BOBJ1	73.27	Before	Interior Girder 6	16.85	0.95	1	1	17.21945
Lane_str_opr	BOBJ1	73.27	Before	Right Exterior Girder	16.85	0.95	1	1	19.428735
Lane_str_opr	BOBJ1	73.27	After	Left Exterior Girder	16.85	0.95	1	1	20.008872
Lane_str_opr	BOBJ1	73.27	After	Interior Girder 1	16.85	0.95	1	1	16.763854
Lane_str_opr	BOBJ1	73.27	After	Interior Girder 2	16.85	0.95	1	1	16.038215
Lane_str_opr	BOBJ1	73.27	After	Interior Girder 3	16.85	0.95	1	1	16.264768
Lane_str_opr	BOBJ1	73.27	After	Interior Girder 4	16.85	0.95	1	1	16.264768
Lane_str_opr	BOBJ1	73.27	After	Interior Girder 5	16.85	0.95	1	1	16.038215
Lane_str_opr	BOBJ1	73.27	After	Interior Girder 6	16.85	0.95	1	1	16.763854
Lane_str_opr	BOBJ1	73.27	After	Right Exterior Girder	16.85	0.95	1	1	20.008872
Lane_str_opr	BOBJ1	81.695	Before	Left Exterior Girder	25.275	0.95	1	1	10.15789
Lane_str_opr	BOBJ1	81.695	Before	Interior Girder 1	25.275	0.95	1	1	8.648578
Lane_str_opr	BOBJ1	81.695	Before	Interior Girder 2	25.275	0.95	1	1	8.543868
Lane_str_opr	BOBJ1	81.695	Before	Interior Girder 3	25.275	0.95	1	1	8.613537
Lane_str_opr	BOBJ1	81.695	Before	Interior Girder 4	25.275	0.95	1	1	8.613537
Lane_str_opr	BOBJ1	81.695	Before	Interior Girder 5	25.275	0.95	1	1	8.543868
Lane_str_opr	BOBJ1	81.695	Before	Interior Girder 6	25.275	0.95	1	1	8.648578
Lane_str_opr	BOBJ1	81.695	Before	Right Exterior Girder	25.275	0.95	1	1	10.15789
Lane_str_opr	BOBJ1	81.695	After	Left Exterior Girder	25.275	0.95	1	1	10.343514
Lane_str_opr	BOBJ1	81.695	After	Interior Girder 1	25.275	0.95	1	1	8.53181
Lane_str_opr	BOBJ1	81.695	After	Interior Girder 2	25.275	0.95	1	1	8.534445
Lane_str_opr	BOBJ1	81.695	After	Interior Girder 3	25.275	0.95	1	1	8.73825
Lane_str_opr	BOBJ1	81.695	After	Interior Girder 4	25.275	0.95	1	1	8.73825
Lane_str_opr	BOBJ1	81.695	After	Interior Girder 5	25.275	0.95	1	1	8.534445
Lane_str_opr	BOBJ1	81.695	After	Interior Girder 6	25.275	0.95	1	1	8.53181

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelINonCompStrgth-Flx - Approach, Span 7-11									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Lane_str_opr	BOBJ1	81.695	After	Right Exterior Girder	25.275	0.95	1	1	10.343514
Lane_str_opr	BOBJ1	90.12	Before	Left Exterior Girder	33.7	0.95	1	1	7.590464
Lane_str_opr	BOBJ1	90.12	Before	Interior Girder 1	33.7	0.95	1	1	7.307494
Lane_str_opr	BOBJ1	90.12	Before	Interior Girder 2	33.7	0.95	1	1	7.249304
Lane_str_opr	BOBJ1	90.12	Before	Interior Girder 3	33.7	0.95	1	1	7.365347
Lane_str_opr	BOBJ1	90.12	Before	Interior Girder 4	33.7	0.95	1	1	7.365347
Lane_str_opr	BOBJ1	90.12	Before	Interior Girder 5	33.7	0.95	1	1	7.249304
Lane_str_opr	BOBJ1	90.12	Before	Interior Girder 6	33.7	0.95	1	1	7.307494
Lane_str_opr	BOBJ1	90.12	Before	Right Exterior Girder	33.7	0.95	1	1	7.590464
Lane_str_opr	BOBJ1	90.12	After	Left Exterior Girder	33.7	0.95	1	1	7.612834
Lane_str_opr	BOBJ1	90.12	After	Interior Girder 1	33.7	0.95	1	1	7.298733
Lane_str_opr	BOBJ1	90.12	After	Interior Girder 2	33.7	0.95	1	1	7.241197
Lane_str_opr	BOBJ1	90.12	After	Interior Girder 3	33.7	0.95	1	1	7.36161
Lane_str_opr	BOBJ1	90.12	After	Interior Girder 4	33.7	0.95	1	1	7.36161
Lane_str_opr	BOBJ1	90.12	After	Interior Girder 5	33.7	0.95	1	1	7.241197
Lane_str_opr	BOBJ1	90.12	After	Interior Girder 6	33.7	0.95	1	1	7.298733
Lane_str_opr	BOBJ1	90.12	After	Right Exterior Girder	33.7	0.95	1	1	7.612834
Lane_str_opr	BOBJ1	98.545	Before	Left Exterior Girder	42.125	0.95	1	1	9.337434
Lane_str_opr	BOBJ1	98.545	Before	Interior Girder 1	42.125	0.95	1	1	7.968297
Lane_str_opr	BOBJ1	98.545	Before	Interior Girder 2	42.125	0.95	1	1	8.030102
Lane_str_opr	BOBJ1	98.545	Before	Interior Girder 3	42.125	0.95	1	1	8.28568
Lane_str_opr	BOBJ1	98.545	Before	Interior Girder 4	42.125	0.95	1	1	8.28568
Lane_str_opr	BOBJ1	98.545	Before	Interior Girder 5	42.125	0.95	1	1	8.030102
Lane_str_opr	BOBJ1	98.545	Before	Interior Girder 6	42.125	0.95	1	1	7.968297
Lane_str_opr	BOBJ1	98.545	Before	Right Exterior Girder	42.125	0.95	1	1	9.337434
Lane_str_opr	BOBJ1	98.545	After	Left Exterior Girder	42.125	0.95	1	1	9.238298
Lane_str_opr	BOBJ1	98.545	After	Interior Girder 1	42.125	0.95	1	1	8.043455
Lane_str_opr	BOBJ1	98.545	After	Interior Girder 2	42.125	0.95	1	1	8.022619
Lane_str_opr	BOBJ1	98.545	After	Interior Girder 3	42.125	0.95	1	1	8.177386
Lane_str_opr	BOBJ1	98.545	After	Interior Girder 4	42.125	0.95	1	1	8.177386
Lane_str_opr	BOBJ1	98.545	After	Interior Girder 5	42.125	0.95	1	1	8.022619
Lane_str_opr	BOBJ1	98.545	After	Interior Girder 6	42.125	0.95	1	1	8.043455
Lane_str_opr	BOBJ1	98.545	After	Right Exterior Girder	42.125	0.95	1	1	9.238298
Lane_str_opr	BOBJ1	106.97	Before	Left Exterior Girder	50.55	0.95	1	1	15.023069
Lane_str_opr	BOBJ1	106.97	Before	Interior Girder 1	50.55	0.95	1	1	13.400514
Lane_str_opr	BOBJ1	106.97	Before	Interior Girder 2	50.55	0.95	1	1	13.3365
Lane_str_opr	BOBJ1	106.97	Before	Interior Girder 3	50.55	0.95	1	1	13.541013
Lane_str_opr	BOBJ1	106.97	Before	Interior Girder 4	50.55	0.95	1	1	13.541013
Lane_str_opr	BOBJ1	106.97	Before	Interior Girder 5	50.55	0.95	1	1	13.3365
Lane_str_opr	BOBJ1	106.97	Before	Interior Girder 6	50.55	0.95	1	1	13.400514
Lane_str_opr	BOBJ1	106.97	Before	Right Exterior Girder	50.55	0.95	1	1	15.023069
Lane_str_opr	BOBJ1	106.97	After	Left Exterior Girder	50.55	0.95	1	1	14.697271
Lane_str_opr	BOBJ1	106.97	After	Interior Girder 1	50.55	0.95	1	1	13.736374
Lane_str_opr	BOBJ1	106.97	After	Interior Girder 2	50.55	0.95	1	1	13.324399
Lane_str_opr	BOBJ1	106.97	After	Interior Girder 3	50.55	0.95	1	1	13.408101
Lane_str_opr	BOBJ1	106.97	After	Interior Girder 4	50.55	0.95	1	1	13.408101
Lane_str_opr	BOBJ1	106.97	After	Interior Girder 5	50.55	0.95	1	1	13.3244
Lane_str_opr	BOBJ1	106.97	After	Interior Girder 6	50.55	0.95	1	1	13.736374
Lane_str_opr	BOBJ1	106.97	After	Right Exterior Girder	50.55	0.95	1	1	14.697271
Lane_str_opr	BOBJ1	115.405	Before	Left Exterior Girder	58.985	0.95	1	1	9.079029
Lane_str_opr	BOBJ1	115.405	Before	Interior Girder 1	58.985	0.95	1	1	9.14675
Lane_str_opr	BOBJ1	115.405	Before	Interior Girder 2	58.985	0.95	1	1	8.924916
Lane_str_opr	BOBJ1	115.405	Before	Interior Girder 3	58.985	0.95	1	1	8.684149
Lane_str_opr	BOBJ1	115.405	Before	Interior Girder 4	58.985	0.95	1	1	8.684149
Lane_str_opr	BOBJ1	115.405	Before	Interior Girder 5	58.985	0.95	1	1	8.924916
Lane_str_opr	BOBJ1	115.405	Before	Interior Girder 6	58.985	0.95	1	1	9.14675
Lane_str_opr	BOBJ1	115.405	Before	Right Exterior Girder	58.985	0.95	1	1	9.079029
Lane_str_opr	BOBJ1	115.405	After	Left Exterior Girder	58.985	0.95	1	1	9.500097
Lane_str_opr	BOBJ1	115.405	After	Interior Girder 1	58.985	0.95	1	1	8.868759
Lane_str_opr	BOBJ1	115.405	After	Interior Girder 2	58.985	0.95	1	1	8.922145
Lane_str_opr	BOBJ1	115.405	After	Interior Girder 3	58.985	0.95	1	1	8.816898
Lane_str_opr	BOBJ1	115.405	After	Interior Girder 4	58.985	0.95	1	1	8.816898
Lane_str_opr	BOBJ1	115.405	After	Interior Girder 5	58.985	0.95	1	1	8.922145
Lane_str_opr	BOBJ1	115.405	After	Interior Girder 6	58.985	0.95	1	1	8.868759
Lane_str_opr	BOBJ1	115.405	After	Right Exterior Girder	58.985	0.95	1	1	9.500097

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelINonCompStrgth-Flx - Approach, Span 7-11									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Lane_str_opr	BOBJ1	116.34	Before	Left Exterior Girder	59.92	0.95	1	1	7.982032
Lane_str_opr	BOBJ1	116.34	Before	Right Exterior Girder	59.92	0.95	1	1	7.982032
Lane_str_opr	BOBJ1	116.34	After	Left Exterior Girder	59.92	0.95	1	1	16.727345
Lane_str_opr	BOBJ1	116.34	After	Right Exterior Girder	59.92	0.95	1	1	16.727345
Lane_str_opr	BOBJ1	118.84	Before	Interior Girder 1	62.42	0.95	1	1	5.941497
Lane_str_opr	BOBJ1	118.84	Before	Interior Girder 2	62.42	0.95	1	1	6.010061
Lane_str_opr	BOBJ1	118.84	Before	Interior Girder 3	62.42	0.95	1	1	5.496427
Lane_str_opr	BOBJ1	118.84	Before	Interior Girder 4	62.42	0.95	1	1	5.496427
Lane_str_opr	BOBJ1	118.84	Before	Interior Girder 5	62.42	0.95	1	1	6.010061
Lane_str_opr	BOBJ1	118.84	Before	Interior Girder 6	62.42	0.95	1	1	5.941497
Lane_str_opr	BOBJ1	118.84	After	Interior Girder 1	62.42	0.95	1	1	8.574028
Lane_str_opr	BOBJ1	118.84	After	Interior Girder 2	62.42	0.95	1	1	8.485497
Lane_str_opr	BOBJ1	118.84	After	Interior Girder 3	62.42	0.95	1	1	7.949615
Lane_str_opr	BOBJ1	118.84	After	Interior Girder 4	62.42	0.95	1	1	7.949615
Lane_str_opr	BOBJ1	118.84	After	Interior Girder 5	62.42	0.95	1	1	8.485497
Lane_str_opr	BOBJ1	118.84	After	Interior Girder 6	62.42	0.95	1	1	8.574028
Lane_str_opr	BOBJ1	123.84	Before	Left Exterior Girder	67.42	0.95	1	1	6.915046
Lane_str_opr	BOBJ1	123.84	Before	Interior Girder 1	67.42	0.95	1	1	4.572714
Lane_str_opr	BOBJ1	123.84	Before	Interior Girder 2	67.42	0.95	1	1	4.736155
Lane_str_opr	BOBJ1	123.84	Before	Interior Girder 3	67.42	0.95	1	1	4.025025
Lane_str_opr	BOBJ1	123.84	Before	Interior Girder 4	67.42	0.95	1	1	4.025025
Lane_str_opr	BOBJ1	123.84	Before	Interior Girder 5	67.42	0.95	1	1	4.736155
Lane_str_opr	BOBJ1	123.84	Before	Interior Girder 6	67.42	0.95	1	1	4.572714
Lane_str_opr	BOBJ1	123.84	Before	Right Exterior Girder	67.42	0.95	1	1	6.915046
Lane_str_opr	BOBJ1	123.84	After	Left Exterior Girder	0	0.95	1	1	6.890796
Lane_str_opr	BOBJ1	123.84	After	Interior Girder 1	0	0.95	1	1	4.583955
Lane_str_opr	BOBJ1	123.84	After	Interior Girder 2	0	0.95	1	1	4.748929
Lane_str_opr	BOBJ1	123.84	After	Interior Girder 3	0	0.95	1	1	4.024281
Lane_str_opr	BOBJ1	123.84	After	Interior Girder 4	0	0.95	1	1	4.024281
Lane_str_opr	BOBJ1	123.84	After	Interior Girder 5	0	0.95	1	1	4.748929
Lane_str_opr	BOBJ1	123.84	After	Interior Girder 6	0	0.95	1	1	4.583955
Lane_str_opr	BOBJ1	123.84	After	Right Exterior Girder	0	0.95	1	1	6.890796
Lane_str_opr	BOBJ1	128.84	Before	Interior Girder 1	5	0.95	1	1	8.702325
Lane_str_opr	BOBJ1	128.84	Before	Interior Girder 2	5	0.95	1	1	8.597426
Lane_str_opr	BOBJ1	128.84	Before	Interior Girder 3	5	0.95	1	1	8.008855
Lane_str_opr	BOBJ1	128.84	Before	Interior Girder 4	5	0.95	1	1	8.008855
Lane_str_opr	BOBJ1	128.84	Before	Interior Girder 5	5	0.95	1	1	8.597426
Lane_str_opr	BOBJ1	128.84	Before	Interior Girder 6	5	0.95	1	1	8.702325
Lane_str_opr	BOBJ1	128.84	After	Interior Girder 1	5	0.95	1	1	6.031065
Lane_str_opr	BOBJ1	128.84	After	Interior Girder 2	5	0.95	1	1	6.094248
Lane_str_opr	BOBJ1	128.84	After	Interior Girder 3	5	0.95	1	1	5.54094
Lane_str_opr	BOBJ1	128.84	After	Interior Girder 4	5	0.95	1	1	5.54094
Lane_str_opr	BOBJ1	128.84	After	Interior Girder 5	5	0.95	1	1	6.094248
Lane_str_opr	BOBJ1	128.84	After	Interior Girder 6	5	0.95	1	1	6.031065
Lane_str_opr	BOBJ1	131.34	Before	Left Exterior Girder	7.5	0.95	1	1	17.174839
Lane_str_opr	BOBJ1	131.34	Before	Right Exterior Girder	7.5	0.95	1	1	17.174839
Lane_str_opr	BOBJ1	131.34	After	Left Exterior Girder	7.5	0.95	1	1	8.205835
Lane_str_opr	BOBJ1	131.34	After	Right Exterior Girder	7.5	0.95	1	1	8.205835
Lane_str_opr	BOBJ1	132.265	Before	Left Exterior Girder	8.425	0.95	1	1	9.824607
Lane_str_opr	BOBJ1	132.265	Before	Interior Girder 1	8.425	0.95	1	1	9.133179
Lane_str_opr	BOBJ1	132.265	Before	Interior Girder 2	8.425	0.95	1	1	9.165556
Lane_str_opr	BOBJ1	132.265	Before	Interior Girder 3	8.425	0.95	1	1	8.975439
Lane_str_opr	BOBJ1	132.265	Before	Interior Girder 4	8.425	0.95	1	1	8.975439
Lane_str_opr	BOBJ1	132.265	Before	Interior Girder 5	8.425	0.95	1	1	9.165556
Lane_str_opr	BOBJ1	132.265	Before	Interior Girder 6	8.425	0.95	1	1	9.133179
Lane_str_opr	BOBJ1	132.265	Before	Right Exterior Girder	8.425	0.95	1	1	9.824607
Lane_str_opr	BOBJ1	132.265	After	Left Exterior Girder	8.425	0.95	1	1	9.369995
Lane_str_opr	BOBJ1	132.265	After	Interior Girder 1	8.425	0.95	1	1	9.428586
Lane_str_opr	BOBJ1	132.265	After	Interior Girder 2	8.425	0.95	1	1	9.169368
Lane_str_opr	BOBJ1	132.265	After	Interior Girder 3	8.425	0.95	1	1	8.842216
Lane_str_opr	BOBJ1	132.265	After	Interior Girder 4	8.425	0.95	1	1	8.842216
Lane_str_opr	BOBJ1	132.265	After	Interior Girder 5	8.425	0.95	1	1	9.169368
Lane_str_opr	BOBJ1	132.265	After	Interior Girder 6	8.425	0.95	1	1	9.428586
Lane_str_opr	BOBJ1	132.265	After	Right Exterior Girder	8.425	0.95	1	1	9.369995
Lane_str_opr	BOBJ1	140.69	Before	Left Exterior Girder	16.85	0.95	1	1	15.219098

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelINonCompStrgth-Flx - Approach, Span 7-11									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Lane_str_opr	BOBJ1	140.69	Before	Interior Girder 1	16.85	0.95	1	1	14.112088
Lane_str_opr	BOBJ1	140.69	Before	Interior Girder 2	16.85	0.95	1	1	13.641719
Lane_str_opr	BOBJ1	140.69	Before	Interior Girder 3	16.85	0.95	1	1	13.731206
Lane_str_opr	BOBJ1	140.69	Before	Interior Girder 4	16.85	0.95	1	1	13.731206
Lane_str_opr	BOBJ1	140.69	Before	Interior Girder 5	16.85	0.95	1	1	13.641719
Lane_str_opr	BOBJ1	140.69	Before	Interior Girder 6	16.85	0.95	1	1	14.112088
Lane_str_opr	BOBJ1	140.69	Before	Right Exterior Girder	16.85	0.95	1	1	15.219098
Lane_str_opr	BOBJ1	140.69	After	Left Exterior Girder	16.85	0.95	1	1	15.613264
Lane_str_opr	BOBJ1	140.69	After	Interior Girder 1	16.85	0.95	1	1	13.736564
Lane_str_opr	BOBJ1	140.69	After	Interior Girder 2	16.85	0.95	1	1	13.638271
Lane_str_opr	BOBJ1	140.69	After	Interior Girder 3	16.85	0.95	1	1	13.855274
Lane_str_opr	BOBJ1	140.69	After	Interior Girder 4	16.85	0.95	1	1	13.855274
Lane_str_opr	BOBJ1	140.69	After	Interior Girder 5	16.85	0.95	1	1	13.638271
Lane_str_opr	BOBJ1	140.69	After	Interior Girder 6	16.85	0.95	1	1	13.736564
Lane_str_opr	BOBJ1	140.69	After	Right Exterior Girder	16.85	0.95	1	1	15.613264
Lane_str_opr	BOBJ1	149.115	Before	Left Exterior Girder	25.275	0.95	1	1	9.036262
Lane_str_opr	BOBJ1	149.115	Before	Interior Girder 1	25.275	0.95	1	1	7.887319
Lane_str_opr	BOBJ1	149.115	Before	Interior Girder 2	25.275	0.95	1	1	7.892136
Lane_str_opr	BOBJ1	149.115	Before	Interior Girder 3	25.275	0.95	1	1	8.087311
Lane_str_opr	BOBJ1	149.115	Before	Interior Girder 4	25.275	0.95	1	1	8.087311
Lane_str_opr	BOBJ1	149.115	Before	Interior Girder 5	25.275	0.95	1	1	7.892136
Lane_str_opr	BOBJ1	149.115	Before	Interior Girder 6	25.275	0.95	1	1	7.887319
Lane_str_opr	BOBJ1	149.115	Before	Right Exterior Girder	25.275	0.95	1	1	9.036262
Lane_str_opr	BOBJ1	149.115	After	Left Exterior Girder	25.275	0.95	1	1	9.160323
Lane_str_opr	BOBJ1	149.115	After	Interior Girder 1	25.275	0.95	1	1	7.805708
Lane_str_opr	BOBJ1	149.115	After	Interior Girder 2	25.275	0.95	1	1	7.890862
Lane_str_opr	BOBJ1	149.115	After	Interior Girder 3	25.275	0.95	1	1	8.193744
Lane_str_opr	BOBJ1	149.115	After	Interior Girder 4	25.275	0.95	1	1	8.193744
Lane_str_opr	BOBJ1	149.115	After	Interior Girder 5	25.275	0.95	1	1	7.890862
Lane_str_opr	BOBJ1	149.115	After	Interior Girder 6	25.275	0.95	1	1	7.805708
Lane_str_opr	BOBJ1	149.115	After	Right Exterior Girder	25.275	0.95	1	1	9.160323
Lane_str_opr	BOBJ1	157.54	Before	Left Exterior Girder	33.7	0.95	1	1	7.172085
Lane_str_opr	BOBJ1	157.54	Before	Interior Girder 1	33.7	0.95	1	1	6.90047
Lane_str_opr	BOBJ1	157.54	Before	Interior Girder 2	33.7	0.95	1	1	6.922859
Lane_str_opr	BOBJ1	157.54	Before	Interior Girder 3	33.7	0.95	1	1	7.071807
Lane_str_opr	BOBJ1	157.54	Before	Interior Girder 4	33.7	0.95	1	1	7.071807
Lane_str_opr	BOBJ1	157.54	Before	Interior Girder 5	33.7	0.95	1	1	6.922859
Lane_str_opr	BOBJ1	157.54	Before	Interior Girder 6	33.7	0.95	1	1	6.90047
Lane_str_opr	BOBJ1	157.54	Before	Right Exterior Girder	33.7	0.95	1	1	7.172085
Lane_str_opr	BOBJ1	157.54	After	Left Exterior Girder	33.7	0.95	1	1	7.172562
Lane_str_opr	BOBJ1	157.54	After	Interior Girder 1	33.7	0.95	1	1	6.900303
Lane_str_opr	BOBJ1	157.54	After	Interior Girder 2	33.7	0.95	1	1	6.922802
Lane_str_opr	BOBJ1	157.54	After	Interior Girder 3	33.7	0.95	1	1	7.071903
Lane_str_opr	BOBJ1	157.54	After	Interior Girder 4	33.7	0.95	1	1	7.071903
Lane_str_opr	BOBJ1	157.54	After	Interior Girder 5	33.7	0.95	1	1	6.922802
Lane_str_opr	BOBJ1	157.54	After	Interior Girder 6	33.7	0.95	1	1	6.900303
Lane_str_opr	BOBJ1	157.54	After	Right Exterior Girder	33.7	0.95	1	1	7.172562
Lane_str_opr	BOBJ1	165.965	Before	Left Exterior Girder	42.125	0.95	1	1	9.15178
Lane_str_opr	BOBJ1	165.965	Before	Interior Girder 1	42.125	0.95	1	1	7.801736
Lane_str_opr	BOBJ1	165.965	Before	Interior Girder 2	42.125	0.95	1	1	7.886582
Lane_str_opr	BOBJ1	165.965	Before	Interior Girder 3	42.125	0.95	1	1	8.188366
Lane_str_opr	BOBJ1	165.965	Before	Interior Girder 4	42.125	0.95	1	1	8.188366
Lane_str_opr	BOBJ1	165.965	Before	Interior Girder 5	42.125	0.95	1	1	7.886582
Lane_str_opr	BOBJ1	165.965	Before	Interior Girder 6	42.125	0.95	1	1	7.801736
Lane_str_opr	BOBJ1	165.965	Before	Right Exterior Girder	42.125	0.95	1	1	9.15178
Lane_str_opr	BOBJ1	165.965	After	Left Exterior Girder	42.125	0.95	1	1	9.02905
Lane_str_opr	BOBJ1	165.965	After	Interior Girder 1	42.125	0.95	1	1	7.882887
Lane_str_opr	BOBJ1	165.965	After	Interior Girder 2	42.125	0.95	1	1	7.887803
Lane_str_opr	BOBJ1	165.965	After	Interior Girder 3	42.125	0.95	1	1	8.082504
Lane_str_opr	BOBJ1	165.965	After	Interior Girder 4	42.125	0.95	1	1	8.082504
Lane_str_opr	BOBJ1	165.965	After	Interior Girder 5	42.125	0.95	1	1	7.887803
Lane_str_opr	BOBJ1	165.965	After	Interior Girder 6	42.125	0.95	1	1	7.882887
Lane_str_opr	BOBJ1	165.965	After	Right Exterior Girder	42.125	0.95	1	1	9.02905
Lane_str_opr	BOBJ1	174.39	Before	Left Exterior Girder	50.55	0.95	1	1	15.576374
Lane_str_opr	BOBJ1	174.39	Before	Interior Girder 1	50.55	0.95	1	1	13.716195

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelINonCompStrgth-Flx - Approach, Span 7-11									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Lane_str_opr	BOBJ1	174.39	Before	Interior Girder 2	50.55	0.95	1	1	13.618631
Lane_str_opr	BOBJ1	174.39	Before	Interior Girder 3	50.55	0.95	1	1	13.83178
Lane_str_opr	BOBJ1	174.39	Before	Interior Girder 4	50.55	0.95	1	1	13.83178
Lane_str_opr	BOBJ1	174.39	Before	Interior Girder 5	50.55	0.95	1	1	13.618631
Lane_str_opr	BOBJ1	174.39	Before	Interior Girder 6	50.55	0.95	1	1	13.716195
Lane_str_opr	BOBJ1	174.39	Before	Right Exterior Girder	50.55	0.95	1	1	15.576374
Lane_str_opr	BOBJ1	174.39	After	Left Exterior Girder	50.55	0.95	1	1	15.184424
Lane_str_opr	BOBJ1	174.39	After	Interior Girder 1	50.55	0.95	1	1	14.09141
Lane_str_opr	BOBJ1	174.39	After	Interior Girder 2	50.55	0.95	1	1	13.622357
Lane_str_opr	BOBJ1	174.39	After	Interior Girder 3	50.55	0.95	1	1	13.707986
Lane_str_opr	BOBJ1	174.39	After	Interior Girder 4	50.55	0.95	1	1	13.707986
Lane_str_opr	BOBJ1	174.39	After	Interior Girder 5	50.55	0.95	1	1	13.622357
Lane_str_opr	BOBJ1	174.39	After	Interior Girder 6	50.55	0.95	1	1	14.09141
Lane_str_opr	BOBJ1	174.39	After	Right Exterior Girder	50.55	0.95	1	1	15.184424
Lane_str_opr	BOBJ1	182.825	Before	Left Exterior Girder	58.985	0.95	1	1	9.384735
Lane_str_opr	BOBJ1	182.825	Before	Interior Girder 1	58.985	0.95	1	1	9.424274
Lane_str_opr	BOBJ1	182.825	Before	Interior Girder 2	58.985	0.95	1	1	9.163544
Lane_str_opr	BOBJ1	182.825	Before	Interior Girder 3	58.985	0.95	1	1	8.850268
Lane_str_opr	BOBJ1	182.825	Before	Interior Girder 4	58.985	0.95	1	1	8.850268
Lane_str_opr	BOBJ1	182.825	Before	Interior Girder 5	58.985	0.95	1	1	9.163544
Lane_str_opr	BOBJ1	182.825	Before	Interior Girder 6	58.985	0.95	1	1	9.424274
Lane_str_opr	BOBJ1	182.825	Before	Right Exterior Girder	58.985	0.95	1	1	9.384735
Lane_str_opr	BOBJ1	182.825	After	Left Exterior Girder	58.985	0.95	1	1	9.8406
Lane_str_opr	BOBJ1	182.825	After	Interior Girder 1	58.985	0.95	1	1	9.128852
Lane_str_opr	BOBJ1	182.825	After	Interior Girder 2	58.985	0.95	1	1	9.159109
Lane_str_opr	BOBJ1	182.825	After	Interior Girder 3	58.985	0.95	1	1	8.984758
Lane_str_opr	BOBJ1	182.825	After	Interior Girder 4	58.985	0.95	1	1	8.984758
Lane_str_opr	BOBJ1	182.825	After	Interior Girder 5	58.985	0.95	1	1	9.159109
Lane_str_opr	BOBJ1	182.825	After	Interior Girder 6	58.985	0.95	1	1	9.128852
Lane_str_opr	BOBJ1	182.825	After	Right Exterior Girder	58.985	0.95	1	1	9.8406
Lane_str_opr	BOBJ1	183.76	Before	Left Exterior Girder	59.92	0.95	1	1	8.180623
Lane_str_opr	BOBJ1	183.76	Before	Right Exterior Girder	59.92	0.95	1	1	8.180623
Lane_str_opr	BOBJ1	183.76	After	Left Exterior Girder	59.92	0.95	1	1	17.144109
Lane_str_opr	BOBJ1	183.76	After	Right Exterior Girder	59.92	0.95	1	1	17.144109
Lane_str_opr	BOBJ1	186.26	Before	Interior Girder 1	62.42	0.95	1	1	6.017226
Lane_str_opr	BOBJ1	186.26	Before	Interior Girder 2	62.42	0.95	1	1	6.080253
Lane_str_opr	BOBJ1	186.26	Before	Interior Girder 3	62.42	0.95	1	1	5.539985
Lane_str_opr	BOBJ1	186.26	Before	Interior Girder 4	62.42	0.95	1	1	5.539985
Lane_str_opr	BOBJ1	186.26	Before	Interior Girder 5	62.42	0.95	1	1	6.080253
Lane_str_opr	BOBJ1	186.26	Before	Interior Girder 6	62.42	0.95	1	1	6.017226
Lane_str_opr	BOBJ1	186.26	After	Interior Girder 1	62.42	0.95	1	1	8.685564
Lane_str_opr	BOBJ1	186.26	After	Interior Girder 2	62.42	0.95	1	1	8.579431
Lane_str_opr	BOBJ1	186.26	After	Interior Girder 3	62.42	0.95	1	1	8.009155
Lane_str_opr	BOBJ1	186.26	After	Interior Girder 4	62.42	0.95	1	1	8.009155
Lane_str_opr	BOBJ1	186.26	After	Interior Girder 5	62.42	0.95	1	1	8.579431
Lane_str_opr	BOBJ1	186.26	After	Interior Girder 6	62.42	0.95	1	1	8.685564
Lane_str_opr	BOBJ1	191.26	Before	Left Exterior Girder	67.42	0.95	1	1	6.896158
Lane_str_opr	BOBJ1	191.26	Before	Interior Girder 1	67.42	0.95	1	1	4.572338
Lane_str_opr	BOBJ1	191.26	Before	Interior Girder 2	67.42	0.95	1	1	4.73649
Lane_str_opr	BOBJ1	191.26	Before	Interior Girder 3	67.42	0.95	1	1	4.023928
Lane_str_opr	BOBJ1	191.26	Before	Interior Girder 4	67.42	0.95	1	1	4.023928
Lane_str_opr	BOBJ1	191.26	Before	Interior Girder 5	67.42	0.95	1	1	4.73649
Lane_str_opr	BOBJ1	191.26	Before	Interior Girder 6	67.42	0.95	1	1	4.572338
Lane_str_opr	BOBJ1	191.26	Before	Right Exterior Girder	67.42	0.95	1	1	6.896158
Lane_str_opr	BOBJ1	191.26	After	Left Exterior Girder	0	0.95	1	1	6.899169
Lane_str_opr	BOBJ1	191.26	After	Interior Girder 1	0	0.95	1	1	4.578138
Lane_str_opr	BOBJ1	191.26	After	Interior Girder 2	0	0.95	1	1	4.74419
Lane_str_opr	BOBJ1	191.26	After	Interior Girder 3	0	0.95	1	1	4.021861
Lane_str_opr	BOBJ1	191.26	After	Interior Girder 4	0	0.95	1	1	4.021861
Lane_str_opr	BOBJ1	191.26	After	Interior Girder 5	0	0.95	1	1	4.74419
Lane_str_opr	BOBJ1	191.26	After	Interior Girder 6	0	0.95	1	1	4.578138
Lane_str_opr	BOBJ1	191.26	After	Right Exterior Girder	0	0.95	1	1	6.899169
Lane_str_opr	BOBJ1	196.26	Before	Interior Girder 1	5	0.95	1	1	8.583389
Lane_str_opr	BOBJ1	196.26	Before	Interior Girder 2	5	0.95	1	1	8.498243
Lane_str_opr	BOBJ1	196.26	Before	Interior Girder 3	5	0.95	1	1	7.945149

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelINonCompStrgth-Flx - Approach, Span 7-11									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Lane_str_opr	BOBJ1	196.26	Before	Interior Girder 4	5	0.95	1	1	7.945149
Lane_str_opr	BOBJ1	196.26	Before	Interior Girder 5	5	0.95	1	1	8.498243
Lane_str_opr	BOBJ1	196.26	Before	Interior Girder 6	5	0.95	1	1	8.583389
Lane_str_opr	BOBJ1	196.26	After	Interior Girder 1	5	0.95	1	1	5.947764
Lane_str_opr	BOBJ1	196.26	After	Interior Girder 2	5	0.95	1	1	6.018767
Lane_str_opr	BOBJ1	196.26	After	Interior Girder 3	5	0.95	1	1	5.493244
Lane_str_opr	BOBJ1	196.26	After	Interior Girder 4	5	0.95	1	1	5.493244
Lane_str_opr	BOBJ1	196.26	After	Interior Girder 5	5	0.95	1	1	6.018767
Lane_str_opr	BOBJ1	196.26	After	Interior Girder 6	5	0.95	1	1	5.947764
Lane_str_opr	BOBJ1	198.76	Before	Left Exterior Girder	7.5	0.95	1	1	16.745955
Lane_str_opr	BOBJ1	198.76	Before	Right Exterior Girder	7.5	0.95	1	1	16.745955
Lane_str_opr	BOBJ1	198.76	After	Left Exterior Girder	7.5	0.95	1	1	7.995131
Lane_str_opr	BOBJ1	198.76	After	Right Exterior Girder	7.5	0.95	1	1	7.995131
Lane_str_opr	BOBJ1	199.685	Before	Left Exterior Girder	8.425	0.95	1	1	9.473092
Lane_str_opr	BOBJ1	199.685	Before	Interior Girder 1	8.425	0.95	1	1	8.865572
Lane_str_opr	BOBJ1	199.685	Before	Interior Girder 2	8.425	0.95	1	1	8.923408
Lane_str_opr	BOBJ1	199.685	Before	Interior Girder 3	8.425	0.95	1	1	8.803661
Lane_str_opr	BOBJ1	199.685	Before	Interior Girder 4	8.425	0.95	1	1	8.803661
Lane_str_opr	BOBJ1	199.685	Before	Interior Girder 5	8.425	0.95	1	1	8.923408
Lane_str_opr	BOBJ1	199.685	Before	Interior Girder 6	8.425	0.95	1	1	8.865572
Lane_str_opr	BOBJ1	199.685	Before	Right Exterior Girder	8.425	0.95	1	1	9.473092
Lane_str_opr	BOBJ1	199.685	After	Left Exterior Girder	8.425	0.95	1	1	9.052737
Lane_str_opr	BOBJ1	199.685	After	Interior Girder 1	8.425	0.95	1	1	9.143795
Lane_str_opr	BOBJ1	199.685	After	Interior Girder 2	8.425	0.95	1	1	8.925768
Lane_str_opr	BOBJ1	199.685	After	Interior Girder 3	8.425	0.95	1	1	8.6724
Lane_str_opr	BOBJ1	199.685	After	Interior Girder 4	8.425	0.95	1	1	8.6724
Lane_str_opr	BOBJ1	199.685	After	Interior Girder 5	8.425	0.95	1	1	8.925768
Lane_str_opr	BOBJ1	199.685	After	Interior Girder 6	8.425	0.95	1	1	9.143795
Lane_str_opr	BOBJ1	199.685	After	Right Exterior Girder	8.425	0.95	1	1	9.052737
Lane_str_opr	BOBJ1	208.11	Before	Left Exterior Girder	16.85	0.95	1	1	14.732975
Lane_str_opr	BOBJ1	208.11	Before	Interior Girder 1	16.85	0.95	1	1	13.757522
Lane_str_opr	BOBJ1	208.11	Before	Interior Girder 2	16.85	0.95	1	1	13.343665
Lane_str_opr	BOBJ1	208.11	Before	Interior Girder 3	16.85	0.95	1	1	13.430492
Lane_str_opr	BOBJ1	208.11	Before	Interior Girder 4	16.85	0.95	1	1	13.430492
Lane_str_opr	BOBJ1	208.11	Before	Interior Girder 5	16.85	0.95	1	1	13.343665
Lane_str_opr	BOBJ1	208.11	Before	Interior Girder 6	16.85	0.95	1	1	13.757522
Lane_str_opr	BOBJ1	208.11	Before	Right Exterior Girder	16.85	0.95	1	1	14.732975
Lane_str_opr	BOBJ1	208.11	After	Left Exterior Girder	16.85	0.95	1	1	15.06124
Lane_str_opr	BOBJ1	208.11	After	Interior Girder 1	16.85	0.95	1	1	13.42124
Lane_str_opr	BOBJ1	208.11	After	Interior Girder 2	16.85	0.95	1	1	13.355684
Lane_str_opr	BOBJ1	208.11	After	Interior Girder 3	16.85	0.95	1	1	13.563241
Lane_str_opr	BOBJ1	208.11	After	Interior Girder 4	16.85	0.95	1	1	13.563241
Lane_str_opr	BOBJ1	208.11	After	Interior Girder 5	16.85	0.95	1	1	13.355684
Lane_str_opr	BOBJ1	208.11	After	Interior Girder 6	16.85	0.95	1	1	13.42124
Lane_str_opr	BOBJ1	208.11	After	Right Exterior Girder	16.85	0.95	1	1	15.06124
Lane_str_opr	BOBJ1	216.535	Before	Left Exterior Girder	25.275	0.95	1	1	9.24259
Lane_str_opr	BOBJ1	216.535	Before	Interior Girder 1	25.275	0.95	1	1	8.045449
Lane_str_opr	BOBJ1	216.535	Before	Interior Girder 2	25.275	0.95	1	1	8.025135
Lane_str_opr	BOBJ1	216.535	Before	Interior Girder 3	25.275	0.95	1	1	8.18076
Lane_str_opr	BOBJ1	216.535	Before	Interior Girder 4	25.275	0.95	1	1	8.18076
Lane_str_opr	BOBJ1	216.535	Before	Interior Girder 5	25.275	0.95	1	1	8.025135
Lane_str_opr	BOBJ1	216.535	Before	Interior Girder 6	25.275	0.95	1	1	8.045449
Lane_str_opr	BOBJ1	216.535	Before	Right Exterior Girder	25.275	0.95	1	1	9.24259
Lane_str_opr	BOBJ1	216.535	After	Left Exterior Girder	25.275	0.95	1	1	9.343702
Lane_str_opr	BOBJ1	216.535	After	Interior Girder 1	25.275	0.95	1	1	7.969751
Lane_str_opr	BOBJ1	216.535	After	Interior Girder 2	25.275	0.95	1	1	8.032154
Lane_str_opr	BOBJ1	216.535	After	Interior Girder 3	25.275	0.95	1	1	8.289166
Lane_str_opr	BOBJ1	216.535	After	Interior Girder 4	25.275	0.95	1	1	8.289166
Lane_str_opr	BOBJ1	216.535	After	Interior Girder 5	25.275	0.95	1	1	8.032154
Lane_str_opr	BOBJ1	216.535	After	Interior Girder 6	25.275	0.95	1	1	7.969751
Lane_str_opr	BOBJ1	216.535	After	Right Exterior Girder	25.275	0.95	1	1	9.343702
Lane_str_opr	BOBJ1	224.96	Before	Left Exterior Girder	33.7	0.95	1	1	7.604703
Lane_str_opr	BOBJ1	224.96	Before	Interior Girder 1	33.7	0.95	1	1	7.292545
Lane_str_opr	BOBJ1	224.96	Before	Interior Girder 2	33.7	0.95	1	1	7.236748
Lane_str_opr	BOBJ1	224.96	Before	Interior Girder 3	33.7	0.95	1	1	7.357899

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelINonCompStrgth-Flx - Approach, Span 7-11									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Lane_str_opr	BOBJ1	224.96	Before	Interior Girder 4	33.7	0.95	1	1	7.357899
Lane_str_opr	BOBJ1	224.96	Before	Interior Girder 5	33.7	0.95	1	1	7.236748
Lane_str_opr	BOBJ1	224.96	Before	Interior Girder 6	33.7	0.95	1	1	7.292545
Lane_str_opr	BOBJ1	224.96	Before	Right Exterior Girder	33.7	0.95	1	1	7.604703
Lane_str_opr	BOBJ1	224.96	After	Left Exterior Girder	33.7	0.95	1	1	7.584205
Lane_str_opr	BOBJ1	224.96	After	Interior Girder 1	33.7	0.95	1	1	7.300746
Lane_str_opr	BOBJ1	224.96	After	Interior Girder 2	33.7	0.95	1	1	7.244314
Lane_str_opr	BOBJ1	224.96	After	Interior Girder 3	33.7	0.95	1	1	7.361467
Lane_str_opr	BOBJ1	224.96	After	Interior Girder 4	33.7	0.95	1	1	7.361467
Lane_str_opr	BOBJ1	224.96	After	Interior Girder 5	33.7	0.95	1	1	7.244314
Lane_str_opr	BOBJ1	224.96	After	Interior Girder 6	33.7	0.95	1	1	7.300746
Lane_str_opr	BOBJ1	224.96	After	Right Exterior Girder	33.7	0.95	1	1	7.584205
Lane_str_opr	BOBJ1	233.385	Before	Left Exterior Girder	42.125	0.95	1	1	10.315405
Lane_str_opr	BOBJ1	233.385	Before	Interior Girder 1	42.125	0.95	1	1	8.515771
Lane_str_opr	BOBJ1	233.385	Before	Interior Girder 2	42.125	0.95	1	1	8.522032
Lane_str_opr	BOBJ1	233.385	Before	Interior Girder 3	42.125	0.95	1	1	8.726023
Lane_str_opr	BOBJ1	233.385	Before	Interior Girder 4	42.125	0.95	1	1	8.726023
Lane_str_opr	BOBJ1	233.385	Before	Interior Girder 5	42.125	0.95	1	1	8.522032
Lane_str_opr	BOBJ1	233.385	Before	Interior Girder 6	42.125	0.95	1	1	8.515771
Lane_str_opr	BOBJ1	233.385	Before	Right Exterior Girder	42.125	0.95	1	1	10.315405
Lane_str_opr	BOBJ1	233.385	After	Left Exterior Girder	42.125	0.95	1	1	10.132591
Lane_str_opr	BOBJ1	233.385	After	Interior Girder 1	42.125	0.95	1	1	8.631989
Lane_str_opr	BOBJ1	233.385	After	Interior Girder 2	42.125	0.95	1	1	8.530889
Lane_str_opr	BOBJ1	233.385	After	Interior Girder 3	42.125	0.95	1	1	8.601727
Lane_str_opr	BOBJ1	233.385	After	Interior Girder 4	42.125	0.95	1	1	8.601727
Lane_str_opr	BOBJ1	233.385	After	Interior Girder 5	42.125	0.95	1	1	8.530889
Lane_str_opr	BOBJ1	233.385	After	Interior Girder 6	42.125	0.95	1	1	8.631989
Lane_str_opr	BOBJ1	233.385	After	Right Exterior Girder	42.125	0.95	1	1	10.132591
Lane_str_opr	BOBJ1	241.81	Before	Left Exterior Girder	50.55	0.95	1	1	19.908378
Lane_str_opr	BOBJ1	241.81	Before	Interior Girder 1	50.55	0.95	1	1	16.707531
Lane_str_opr	BOBJ1	241.81	Before	Interior Girder 2	50.55	0.95	1	1	15.994794
Lane_str_opr	BOBJ1	241.81	Before	Interior Girder 3	50.55	0.95	1	1	16.219464
Lane_str_opr	BOBJ1	241.81	Before	Interior Girder 4	50.55	0.95	1	1	16.219464
Lane_str_opr	BOBJ1	241.81	Before	Interior Girder 5	50.55	0.95	1	1	15.994794
Lane_str_opr	BOBJ1	241.81	Before	Interior Girder 6	50.55	0.95	1	1	16.707531
Lane_str_opr	BOBJ1	241.81	Before	Right Exterior Girder	50.55	0.95	1	1	19.908378
Lane_str_opr	BOBJ1	241.81	After	Left Exterior Girder	50.55	0.95	1	1	19.334975
Lane_str_opr	BOBJ1	241.81	After	Interior Girder 1	50.55	0.95	1	1	17.160589
Lane_str_opr	BOBJ1	241.81	After	Interior Girder 2	50.55	0.95	1	1	16.045138
Lane_str_opr	BOBJ1	241.81	After	Interior Girder 3	50.55	0.95	1	1	16.116327
Lane_str_opr	BOBJ1	241.81	After	Interior Girder 4	50.55	0.95	1	1	16.116327
Lane_str_opr	BOBJ1	241.81	After	Interior Girder 5	50.55	0.95	1	1	16.045138
Lane_str_opr	BOBJ1	241.81	After	Interior Girder 6	50.55	0.95	1	1	17.160589
Lane_str_opr	BOBJ1	241.81	After	Right Exterior Girder	50.55	0.95	1	1	19.334975
Lane_str_opr	BOBJ1	245.18	Before	Left Exterior Girder	53.92	0.95	1	1	19.705957
Lane_str_opr	BOBJ1	245.18	Before	Interior Girder 1	53.92	0.95	1	1	18.178998
Lane_str_opr	BOBJ1	245.18	Before	Interior Girder 2	53.92	0.95	1	1	17.002447
Lane_str_opr	BOBJ1	245.18	Before	Interior Girder 3	53.92	0.95	1	1	17.883179
Lane_str_opr	BOBJ1	245.18	Before	Interior Girder 4	53.92	0.95	1	1	17.883179
Lane_str_opr	BOBJ1	245.18	Before	Interior Girder 5	53.92	0.95	1	1	17.002447
Lane_str_opr	BOBJ1	245.18	Before	Interior Girder 6	53.92	0.95	1	1	18.178998
Lane_str_opr	BOBJ1	245.18	Before	Right Exterior Girder	53.92	0.95	1	1	19.705957
Lane_str_opr	BOBJ1	245.18	After	Left Exterior Girder	53.92	0.95	1	1	23.319699
Lane_str_opr	BOBJ1	245.18	After	Interior Girder 1	53.92	0.95	1	1	19.298773
Lane_str_opr	BOBJ1	245.18	After	Interior Girder 2	53.92	0.95	1	1	18.213763
Lane_str_opr	BOBJ1	245.18	After	Interior Girder 3	53.92	0.95	1	1	19.320619
Lane_str_opr	BOBJ1	245.18	After	Interior Girder 4	53.92	0.95	1	1	19.320619
Lane_str_opr	BOBJ1	245.18	After	Interior Girder 5	53.92	0.95	1	1	18.213763
Lane_str_opr	BOBJ1	245.18	After	Interior Girder 6	53.92	0.95	1	1	19.298773
Lane_str_opr	BOBJ1	245.18	After	Right Exterior Girder	53.92	0.95	1	1	23.319699
Lane_str_opr	BOBJ1	250.245	Before	Left Exterior Girder	58.985	0.95	1	1	12.802668
Lane_str_opr	BOBJ1	250.245	Before	Interior Girder 1	58.985	0.95	1	1	11.451176
Lane_str_opr	BOBJ1	250.245	Before	Interior Girder 2	58.985	0.95	1	1	11.05096
Lane_str_opr	BOBJ1	250.245	Before	Interior Girder 3	58.985	0.95	1	1	10.490168
Lane_str_opr	BOBJ1	250.245	Before	Interior Girder 4	58.985	0.95	1	1	10.490168

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelINonCompStrgth-Flx - Approach, Span 7-11									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Lane_str_opr	BOBJ1	250.245	Before	Interior Girder 5	58.985	0.95	1	1	11.05096
Lane_str_opr	BOBJ1	250.245	Before	Interior Girder 6	58.985	0.95	1	1	11.451176
Lane_str_opr	BOBJ1	250.245	Before	Right Exterior Girder	58.985	0.95	1	1	12.802668
Lane_str_opr	BOBJ1	250.245	After	Left Exterior Girder	58.985	0.95	1	1	13.041526
Lane_str_opr	BOBJ1	250.245	After	Interior Girder 1	58.985	0.95	1	1	11.329802
Lane_str_opr	BOBJ1	250.245	After	Interior Girder 2	58.985	0.95	1	1	11.01229
Lane_str_opr	BOBJ1	250.245	After	Interior Girder 3	58.985	0.95	1	1	10.609975
Lane_str_opr	BOBJ1	250.245	After	Interior Girder 4	58.985	0.95	1	1	10.609975
Lane_str_opr	BOBJ1	250.245	After	Interior Girder 5	58.985	0.95	1	1	11.01229
Lane_str_opr	BOBJ1	250.245	After	Interior Girder 6	58.985	0.95	1	1	11.329802
Lane_str_opr	BOBJ1	250.245	After	Right Exterior Girder	58.985	0.95	1	1	13.041526
Lane_str_opr	BOBJ1	251.68	Before	Left Exterior Girder	60.42	0.95	1	1	10.129281
Lane_str_opr	BOBJ1	251.68	Before	Right Exterior Girder	60.42	0.95	1	1	10.129281
Lane_str_opr	BOBJ1	251.68	After	Left Exterior Girder	60.42	0.95	1	1	18.418146
Lane_str_opr	BOBJ1	251.68	After	Right Exterior Girder	60.42	0.95	1	1	18.418146
Lane_str_opr	BOBJ1	254.18	Before	Interior Girder 1	62.92	0.95	1	1	6.737317
Lane_str_opr	BOBJ1	254.18	Before	Interior Girder 2	62.92	0.95	1	1	6.743189
Lane_str_opr	BOBJ1	254.18	Before	Interior Girder 3	62.92	0.95	1	1	6.000284
Lane_str_opr	BOBJ1	254.18	Before	Interior Girder 4	62.92	0.95	1	1	6.000284
Lane_str_opr	BOBJ1	254.18	Before	Interior Girder 5	62.92	0.95	1	1	6.743189
Lane_str_opr	BOBJ1	254.18	Before	Interior Girder 6	62.92	0.95	1	1	6.737317
Lane_str_opr	BOBJ1	254.18	After	Interior Girder 1	62.92	0.95	1	1	8.455735
Lane_str_opr	BOBJ1	254.18	After	Interior Girder 2	62.92	0.95	1	1	8.31218
Lane_str_opr	BOBJ1	254.18	After	Interior Girder 3	62.92	0.95	1	1	7.560347
Lane_str_opr	BOBJ1	254.18	After	Interior Girder 4	62.92	0.95	1	1	7.560347
Lane_str_opr	BOBJ1	254.18	After	Interior Girder 5	62.92	0.95	1	1	8.31218
Lane_str_opr	BOBJ1	254.18	After	Interior Girder 6	62.92	0.95	1	1	8.455735
Lane_str_opr	BOBJ1	258.68	Before	Left Exterior Girder	67.42	0.95	1	1	7.516543
Lane_str_opr	BOBJ1	258.68	Before	Interior Girder 1	67.42	0.95	1	1	4.527888
Lane_str_opr	BOBJ1	258.68	Before	Interior Girder 2	67.42	0.95	1	1	4.680154
Lane_str_opr	BOBJ1	258.68	Before	Interior Girder 3	67.42	0.95	1	1	3.901696
Lane_str_opr	BOBJ1	258.68	Before	Interior Girder 4	67.42	0.95	1	1	3.901696
Lane_str_opr	BOBJ1	258.68	Before	Interior Girder 5	67.42	0.95	1	1	4.680154
Lane_str_opr	BOBJ1	258.68	Before	Interior Girder 6	67.42	0.95	1	1	4.527888
Lane_str_opr	BOBJ1	258.68	Before	Right Exterior Girder	67.42	0.95	1	1	7.516543
Lane_str_opr	BOBJ1	258.68	After	Left Exterior Girder	0	0.95	1	1	7.240986
Lane_str_opr	BOBJ1	258.68	After	Interior Girder 1	0	0.95	1	1	4.31153
Lane_str_opr	BOBJ1	258.68	After	Interior Girder 2	0	0.95	1	1	4.460997
Lane_str_opr	BOBJ1	258.68	After	Interior Girder 3	0	0.95	1	1	3.741639
Lane_str_opr	BOBJ1	258.68	After	Interior Girder 4	0	0.95	1	1	3.741639
Lane_str_opr	BOBJ1	258.68	After	Interior Girder 5	0	0.95	1	1	4.460997
Lane_str_opr	BOBJ1	258.68	After	Interior Girder 6	0	0.95	1	1	4.31153
Lane_str_opr	BOBJ1	258.68	After	Right Exterior Girder	0	0.95	1	1	7.240986
Lane_str_opr	BOBJ1	263.18	Before	Interior Girder 1	4.5	0.95	1	1	7.95319
Lane_str_opr	BOBJ1	263.18	Before	Interior Girder 2	4.5	0.95	1	1	7.844674
Lane_str_opr	BOBJ1	263.18	Before	Interior Girder 3	4.5	0.95	1	1	7.256174
Lane_str_opr	BOBJ1	263.18	Before	Interior Girder 4	4.5	0.95	1	1	7.256174
Lane_str_opr	BOBJ1	263.18	Before	Interior Girder 5	4.5	0.95	1	1	7.844674
Lane_str_opr	BOBJ1	263.18	Before	Interior Girder 6	4.5	0.95	1	1	7.95319
Lane_str_opr	BOBJ1	263.18	After	Interior Girder 1	4.5	0.95	1	1	6.341868
Lane_str_opr	BOBJ1	263.18	After	Interior Girder 2	4.5	0.95	1	1	6.354639
Lane_str_opr	BOBJ1	263.18	After	Interior Girder 3	4.5	0.95	1	1	5.767313
Lane_str_opr	BOBJ1	263.18	After	Interior Girder 4	4.5	0.95	1	1	5.767313
Lane_str_opr	BOBJ1	263.18	After	Interior Girder 5	4.5	0.95	1	1	6.354639
Lane_str_opr	BOBJ1	263.18	After	Interior Girder 6	4.5	0.95	1	1	6.341868
Lane_str_opr	BOBJ1	265.68	Before	Left Exterior Girder	7	0.95	1	1	16.251677
Lane_str_opr	BOBJ1	265.68	Before	Right Exterior Girder	7	0.95	1	1	16.251677
Lane_str_opr	BOBJ1	265.68	After	Left Exterior Girder	7	0.95	1	1	8.96588
Lane_str_opr	BOBJ1	265.68	After	Right Exterior Girder	7	0.95	1	1	8.96588
Lane_str_opr	BOBJ1	268.08	Before	Left Exterior Girder	9.4	0.95	1	1	12.114931
Lane_str_opr	BOBJ1	268.08	Before	Interior Girder 1	9.4	0.95	1	1	10.932097
Lane_str_opr	BOBJ1	268.08	Before	Interior Girder 2	9.4	0.95	1	1	10.771384
Lane_str_opr	BOBJ1	268.08	Before	Interior Girder 3	9.4	0.95	1	1	10.871478
Lane_str_opr	BOBJ1	268.08	Before	Interior Girder 4	9.4	0.95	1	1	10.871478
Lane_str_opr	BOBJ1	268.08	Before	Interior Girder 5	9.4	0.95	1	1	10.771384

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelINonCompStrgth-Flx - Approach, Span 7-11									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Lane_str_opr	BOBJ1	268.08	Before	Interior Girder 6	9.4	0.95	1	1	10.932097
Lane_str_opr	BOBJ1	268.08	Before	Right Exterior Girder	9.4	0.95	1	1	12.114931
Lane_str_opr	BOBJ1	268.08	After	Left Exterior Girder	9.4	0.95	1	1	11.678131
Lane_str_opr	BOBJ1	268.08	After	Interior Girder 1	9.4	0.95	1	1	11.132712
Lane_str_opr	BOBJ1	268.08	After	Interior Girder 2	9.4	0.95	1	1	10.747612
Lane_str_opr	BOBJ1	268.08	After	Interior Girder 3	9.4	0.95	1	1	10.694256
Lane_str_opr	BOBJ1	268.08	After	Interior Girder 4	9.4	0.95	1	1	10.694256
Lane_str_opr	BOBJ1	268.08	After	Interior Girder 5	9.4	0.95	1	1	10.747612
Lane_str_opr	BOBJ1	268.08	After	Interior Girder 6	9.4	0.95	1	1	11.132712
Lane_str_opr	BOBJ1	268.08	After	Right Exterior Girder	9.4	0.95	1	1	11.678131
Lane_str_opr	BOBJ1	277.48	Before	Left Exterior Girder	18.8	0.95	1	1	13.13696
Lane_str_opr	BOBJ1	277.48	Before	Interior Girder 1	18.8	0.95	1	1	11.715539
Lane_str_opr	BOBJ1	277.48	Before	Interior Girder 2	18.8	0.95	1	1	11.14452
Lane_str_opr	BOBJ1	277.48	Before	Interior Girder 3	18.8	0.95	1	1	11.329457
Lane_str_opr	BOBJ1	277.48	Before	Interior Girder 4	18.8	0.95	1	1	11.329457
Lane_str_opr	BOBJ1	277.48	Before	Interior Girder 5	18.8	0.95	1	1	11.14452
Lane_str_opr	BOBJ1	277.48	Before	Interior Girder 6	18.8	0.95	1	1	11.715539
Lane_str_opr	BOBJ1	277.48	Before	Right Exterior Girder	18.8	0.95	1	1	13.13696
Lane_str_opr	BOBJ1	277.48	After	Left Exterior Girder	18.8	0.95	1	1	13.323565
Lane_str_opr	BOBJ1	277.48	After	Interior Girder 1	18.8	0.95	1	1	11.499642
Lane_str_opr	BOBJ1	277.48	After	Interior Girder 2	18.8	0.95	1	1	11.160848
Lane_str_opr	BOBJ1	277.48	After	Interior Girder 3	18.8	0.95	1	1	11.42747
Lane_str_opr	BOBJ1	277.48	After	Interior Girder 4	18.8	0.95	1	1	11.42747
Lane_str_opr	BOBJ1	277.48	After	Interior Girder 5	18.8	0.95	1	1	11.160848
Lane_str_opr	BOBJ1	277.48	After	Interior Girder 6	18.8	0.95	1	1	11.499642
Lane_str_opr	BOBJ1	277.48	After	Right Exterior Girder	18.8	0.95	1	1	13.323565
Lane_str_opr	BOBJ1	286.88	Before	Left Exterior Girder	28.2	0.95	1	1	9.742071
Lane_str_opr	BOBJ1	286.88	Before	Interior Girder 1	28.2	0.95	1	1	7.614967
Lane_str_opr	BOBJ1	286.88	Before	Interior Girder 2	28.2	0.95	1	1	7.574638
Lane_str_opr	BOBJ1	286.88	Before	Interior Girder 3	28.2	0.95	1	1	7.646919
Lane_str_opr	BOBJ1	286.88	Before	Interior Girder 4	28.2	0.95	1	1	7.646919
Lane_str_opr	BOBJ1	286.88	Before	Interior Girder 5	28.2	0.95	1	1	7.574638
Lane_str_opr	BOBJ1	286.88	Before	Interior Girder 6	28.2	0.95	1	1	7.614967
Lane_str_opr	BOBJ1	286.88	Before	Right Exterior Girder	28.2	0.95	1	1	9.742071
Lane_str_opr	BOBJ1	286.88	After	Left Exterior Girder	28.2	0.95	1	1	9.772645
Lane_str_opr	BOBJ1	286.88	After	Interior Girder 1	28.2	0.95	1	1	7.588166
Lane_str_opr	BOBJ1	286.88	After	Interior Girder 2	28.2	0.95	1	1	7.567554
Lane_str_opr	BOBJ1	286.88	After	Interior Girder 3	28.2	0.95	1	1	7.675404
Lane_str_opr	BOBJ1	286.88	After	Interior Girder 4	28.2	0.95	1	1	7.675404
Lane_str_opr	BOBJ1	286.88	After	Interior Girder 5	28.2	0.95	1	1	7.567554
Lane_str_opr	BOBJ1	286.88	After	Interior Girder 6	28.2	0.95	1	1	7.588166
Lane_str_opr	BOBJ1	286.88	After	Right Exterior Girder	28.2	0.95	1	1	9.772645
Lane_str_opr	BOBJ1	296.28	Before	Left Exterior Girder	37.6	0.95	1	1	9.509237
Lane_str_opr	BOBJ1	296.28	Before	Interior Girder 1	37.6	0.95	1	1	8.226831
Lane_str_opr	BOBJ1	296.28	Before	Interior Girder 2	37.6	0.95	1	1	8.010085
Lane_str_opr	BOBJ1	296.28	Before	Interior Girder 3	37.6	0.95	1	1	8.193354
Lane_str_opr	BOBJ1	296.28	Before	Interior Girder 4	37.6	0.95	1	1	8.193354
Lane_str_opr	BOBJ1	296.28	Before	Interior Girder 5	37.6	0.95	1	1	8.010085
Lane_str_opr	BOBJ1	296.28	Before	Interior Girder 6	37.6	0.95	1	1	8.226831
Lane_str_opr	BOBJ1	296.28	Before	Right Exterior Girder	37.6	0.95	1	1	9.509237
Lane_str_opr	BOBJ1	296.28	After	Left Exterior Girder	37.6	0.95	1	1	9.401001
Lane_str_opr	BOBJ1	296.28	After	Interior Girder 1	37.6	0.95	1	1	8.326044
Lane_str_opr	BOBJ1	296.28	After	Interior Girder 2	37.6	0.95	1	1	7.993298
Lane_str_opr	BOBJ1	296.28	After	Interior Girder 3	37.6	0.95	1	1	8.09608
Lane_str_opr	BOBJ1	296.28	After	Interior Girder 4	37.6	0.95	1	1	8.09608
Lane_str_opr	BOBJ1	296.28	After	Interior Girder 5	37.6	0.95	1	1	7.993298
Lane_str_opr	BOBJ1	296.28	After	Interior Girder 6	37.6	0.95	1	1	8.326044
Lane_str_opr	BOBJ1	296.28	After	Right Exterior Girder	37.6	0.95	1	1	9.401001
Lane_str_opr	BOBJ1	305.69	Before	Left Exterior Girder	47.01	0.95	1	1	18.802832
Lane_str_opr	BOBJ1	305.69	Before	Interior Girder 1	47.01	0.95	1	1	12.949537
Lane_str_opr	BOBJ1	305.69	Before	Interior Girder 2	47.01	0.95	1	1	13.194375
Lane_str_opr	BOBJ1	305.69	Before	Interior Girder 3	47.01	0.95	1	1	13.210409
Lane_str_opr	BOBJ1	305.69	Before	Interior Girder 4	47.01	0.95	1	1	13.210409
Lane_str_opr	BOBJ1	305.69	Before	Interior Girder 5	47.01	0.95	1	1	13.194375
Lane_str_opr	BOBJ1	305.69	Before	Interior Girder 6	47.01	0.95	1	1	12.949537

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelINonCompStrgth-Flx - Approach, Span 7-11									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Lane_str_opr	BOBJ1	305.69	Before	Right Exterior Girder	47.01	0.95	1	1	18.802832
Lane_str_opr	BOBJ1	305.69	After	Left Exterior Girder	47.01	0.95	1	1	18.859566
Lane_str_opr	BOBJ1	305.69	After	Interior Girder 1	47.01	0.95	1	1	13.057079
Lane_str_opr	BOBJ1	305.69	After	Interior Girder 2	47.01	0.95	1	1	13.006392
Lane_str_opr	BOBJ1	305.69	After	Interior Girder 3	47.01	0.95	1	1	12.753345
Lane_str_opr	BOBJ1	305.69	After	Interior Girder 4	47.01	0.95	1	1	12.753345
Lane_str_opr	BOBJ1	305.69	After	Interior Girder 5	47.01	0.95	1	1	13.006392
Lane_str_opr	BOBJ1	305.69	After	Interior Girder 6	47.01	0.95	1	1	13.057079
Lane_str_opr	BOBJ1	305.69	After	Right Exterior Girder	47.01	0.95	1	1	18.859566
Lane_str_opr	BOBJ1	315.1	Before	Left Exterior Girder	56.42	0.95	1	1	1209.872276
Lane_str_opr	BOBJ1	315.1	Before	Interior Girder 1	56.42	0.95	1	1	1270.078712
Lane_str_opr	BOBJ1	315.1	Before	Interior Girder 2	56.42	0.95	1	1	1224.176036
Lane_str_opr	BOBJ1	315.1	Before	Interior Girder 3	56.42	0.95	1	1	883.369469
Lane_str_opr	BOBJ1	315.1	Before	Interior Girder 4	56.42	0.95	1	1	883.369464
Lane_str_opr	BOBJ1	315.1	Before	Interior Girder 5	56.42	0.95	1	1	1224.176039
Lane_str_opr	BOBJ1	315.1	Before	Interior Girder 6	56.42	0.95	1	1	1270.078708
Lane_str_opr	BOBJ1	315.1	Before	Right Exterior Girder	56.42	0.95	1	1	1209.872275
Lane_str_inv	BOBJ1	0	After	Left Exterior Girder	0	0.95	1	1	922.981519
Lane_str_inv	BOBJ1	0	After	Interior Girder 1	0	0.95	1	1	919.859087
Lane_str_inv	BOBJ1	0	After	Interior Girder 2	0	0.95	1	1	801.108133
Lane_str_inv	BOBJ1	0	After	Interior Girder 3	0	0.95	1	1	651.712205
Lane_str_inv	BOBJ1	0	After	Interior Girder 4	0	0.95	1	1	651.712202
Lane_str_inv	BOBJ1	0	After	Interior Girder 5	0	0.95	1	1	801.108131
Lane_str_inv	BOBJ1	0	After	Interior Girder 6	0	0.95	1	1	919.859103
Lane_str_inv	BOBJ1	0	After	Right Exterior Girder	0	0.95	1	1	922.981519
Lane_str_inv	BOBJ1	9.4	Before	Left Exterior Girder	9.4	0.95	1	1	14.453422
Lane_str_inv	BOBJ1	9.4	Before	Interior Girder 1	9.4	0.95	1	1	10.032091
Lane_str_inv	BOBJ1	9.4	Before	Interior Girder 2	9.4	0.95	1	1	10.002419
Lane_str_inv	BOBJ1	9.4	Before	Interior Girder 3	9.4	0.95	1	1	9.820492
Lane_str_inv	BOBJ1	9.4	Before	Interior Girder 4	9.4	0.95	1	1	9.820492
Lane_str_inv	BOBJ1	9.4	Before	Interior Girder 5	9.4	0.95	1	1	10.002419
Lane_str_inv	BOBJ1	9.4	Before	Interior Girder 6	9.4	0.95	1	1	10.032091
Lane_str_inv	BOBJ1	9.4	Before	Right Exterior Girder	9.4	0.95	1	1	14.453422
Lane_str_inv	BOBJ1	9.4	After	Left Exterior Girder	9.4	0.95	1	1	14.417768
Lane_str_inv	BOBJ1	9.4	After	Interior Girder 1	9.4	0.95	1	1	9.943831
Lane_str_inv	BOBJ1	9.4	After	Interior Girder 2	9.4	0.95	1	1	10.146284
Lane_str_inv	BOBJ1	9.4	After	Interior Girder 3	9.4	0.95	1	1	10.172379
Lane_str_inv	BOBJ1	9.4	After	Interior Girder 4	9.4	0.95	1	1	10.172379
Lane_str_inv	BOBJ1	9.4	After	Interior Girder 5	9.4	0.95	1	1	10.146284
Lane_str_inv	BOBJ1	9.4	After	Interior Girder 6	9.4	0.95	1	1	9.943831
Lane_str_inv	BOBJ1	9.4	After	Right Exterior Girder	9.4	0.95	1	1	14.417768
Lane_str_inv	BOBJ1	18.8	Before	Left Exterior Girder	18.8	0.95	1	1	7.226149
Lane_str_inv	BOBJ1	18.8	Before	Interior Girder 1	18.8	0.95	1	1	6.388677
Lane_str_inv	BOBJ1	18.8	Before	Interior Girder 2	18.8	0.95	1	1	6.147268
Lane_str_inv	BOBJ1	18.8	Before	Interior Girder 3	18.8	0.95	1	1	6.235901
Lane_str_inv	BOBJ1	18.8	Before	Interior Girder 4	18.8	0.95	1	1	6.235901
Lane_str_inv	BOBJ1	18.8	Before	Interior Girder 5	18.8	0.95	1	1	6.147268
Lane_str_inv	BOBJ1	18.8	Before	Interior Girder 6	18.8	0.95	1	1	6.388677
Lane_str_inv	BOBJ1	18.8	Before	Right Exterior Girder	18.8	0.95	1	1	7.226149
Lane_str_inv	BOBJ1	18.8	After	Left Exterior Girder	18.8	0.95	1	1	7.308358
Lane_str_inv	BOBJ1	18.8	After	Interior Girder 1	18.8	0.95	1	1	6.314474
Lane_str_inv	BOBJ1	18.8	After	Interior Girder 2	18.8	0.95	1	1	6.159641
Lane_str_inv	BOBJ1	18.8	After	Interior Girder 3	18.8	0.95	1	1	6.3101
Lane_str_inv	BOBJ1	18.8	After	Interior Girder 4	18.8	0.95	1	1	6.3101
Lane_str_inv	BOBJ1	18.8	After	Interior Girder 5	18.8	0.95	1	1	6.159641
Lane_str_inv	BOBJ1	18.8	After	Interior Girder 6	18.8	0.95	1	1	6.314474
Lane_str_inv	BOBJ1	18.8	After	Right Exterior Girder	18.8	0.95	1	1	7.308358
Lane_str_inv	BOBJ1	28.2	Before	Left Exterior Girder	28.2	0.95	1	1	7.520191
Lane_str_inv	BOBJ1	28.2	Before	Interior Girder 1	28.2	0.95	1	1	5.831456
Lane_str_inv	BOBJ1	28.2	Before	Interior Girder 2	28.2	0.95	1	1	5.821069
Lane_str_inv	BOBJ1	28.2	Before	Interior Girder 3	28.2	0.95	1	1	5.909585
Lane_str_inv	BOBJ1	28.2	Before	Interior Girder 4	28.2	0.95	1	1	5.909585
Lane_str_inv	BOBJ1	28.2	Before	Interior Girder 5	28.2	0.95	1	1	5.821069
Lane_str_inv	BOBJ1	28.2	Before	Interior Girder 6	28.2	0.95	1	1	5.831456
Lane_str_inv	BOBJ1	28.2	Before	Right Exterior Girder	28.2	0.95	1	1	7.520191

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelINonCompStrgth-Flx - Approach, Span 7-11									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Lane_str_inv	BOBJ1	28.2	After	Left Exterior Girder	28.2	0.95	1	1	7.496451
Lane_str_inv	BOBJ1	28.2	After	Interior Girder 1	28.2	0.95	1	1	5.851441
Lane_str_inv	BOBJ1	28.2	After	Interior Girder 2	28.2	0.95	1	1	5.826893
Lane_str_inv	BOBJ1	28.2	After	Interior Girder 3	28.2	0.95	1	1	5.888161
Lane_str_inv	BOBJ1	28.2	After	Interior Girder 4	28.2	0.95	1	1	5.888161
Lane_str_inv	BOBJ1	28.2	After	Interior Girder 5	28.2	0.95	1	1	5.826893
Lane_str_inv	BOBJ1	28.2	After	Interior Girder 6	28.2	0.95	1	1	5.851441
Lane_str_inv	BOBJ1	28.2	After	Right Exterior Girder	28.2	0.95	1	1	7.496451
Lane_str_inv	BOBJ1	37.6	Before	Left Exterior Girder	37.6	0.95	1	1	10.263423
Lane_str_inv	BOBJ1	37.6	Before	Interior Girder 1	37.6	0.95	1	1	8.846754
Lane_str_inv	BOBJ1	37.6	Before	Interior Girder 2	37.6	0.95	1	1	8.588464
Lane_str_inv	BOBJ1	37.6	Before	Interior Girder 3	37.6	0.95	1	1	8.796337
Lane_str_inv	BOBJ1	37.6	Before	Interior Girder 4	37.6	0.95	1	1	8.796337
Lane_str_inv	BOBJ1	37.6	Before	Interior Girder 5	37.6	0.95	1	1	8.588464
Lane_str_inv	BOBJ1	37.6	Before	Interior Girder 6	37.6	0.95	1	1	8.846754
Lane_str_inv	BOBJ1	37.6	Before	Right Exterior Girder	37.6	0.95	1	1	10.263423
Lane_str_inv	BOBJ1	37.6	After	Left Exterior Girder	37.6	0.95	1	1	10.119209
Lane_str_inv	BOBJ1	37.6	After	Interior Girder 1	37.6	0.95	1	1	9.011422
Lane_str_inv	BOBJ1	37.6	After	Interior Girder 2	37.6	0.95	1	1	8.576607
Lane_str_inv	BOBJ1	37.6	After	Interior Girder 3	37.6	0.95	1	1	8.722239
Lane_str_inv	BOBJ1	37.6	After	Interior Girder 4	37.6	0.95	1	1	8.722239
Lane_str_inv	BOBJ1	37.6	After	Interior Girder 5	37.6	0.95	1	1	8.576607
Lane_str_inv	BOBJ1	37.6	After	Interior Girder 6	37.6	0.95	1	1	9.011422
Lane_str_inv	BOBJ1	37.6	After	Right Exterior Girder	37.6	0.95	1	1	10.119209
Lane_str_inv	BOBJ1	47.01	Before	Left Exterior Girder	47.01	0.95	1	1	9.005643
Lane_str_inv	BOBJ1	47.01	Before	Interior Girder 1	47.01	0.95	1	1	8.587611
Lane_str_inv	BOBJ1	47.01	Before	Interior Girder 2	47.01	0.95	1	1	8.290624
Lane_str_inv	BOBJ1	47.01	Before	Interior Girder 3	47.01	0.95	1	1	8.259704
Lane_str_inv	BOBJ1	47.01	Before	Interior Girder 4	47.01	0.95	1	1	8.259704
Lane_str_inv	BOBJ1	47.01	Before	Interior Girder 5	47.01	0.95	1	1	8.290624
Lane_str_inv	BOBJ1	47.01	Before	Interior Girder 6	47.01	0.95	1	1	8.587611
Lane_str_inv	BOBJ1	47.01	Before	Right Exterior Girder	47.01	0.95	1	1	9.005643
Lane_str_inv	BOBJ1	47.01	After	Left Exterior Girder	47.01	0.95	1	1	9.341923
Lane_str_inv	BOBJ1	47.01	After	Interior Girder 1	47.01	0.95	1	1	8.435191
Lane_str_inv	BOBJ1	47.01	After	Interior Girder 2	47.01	0.95	1	1	8.30821
Lane_str_inv	BOBJ1	47.01	After	Interior Girder 3	47.01	0.95	1	1	8.396517
Lane_str_inv	BOBJ1	47.01	After	Interior Girder 4	47.01	0.95	1	1	8.396517
Lane_str_inv	BOBJ1	47.01	After	Interior Girder 5	47.01	0.95	1	1	8.30821
Lane_str_inv	BOBJ1	47.01	After	Interior Girder 6	47.01	0.95	1	1	8.435191
Lane_str_inv	BOBJ1	47.01	After	Right Exterior Girder	47.01	0.95	1	1	9.341923
Lane_str_inv	BOBJ1	49.42	Before	Left Exterior Girder	49.42	0.95	1	1	6.887009
Lane_str_inv	BOBJ1	49.42	Before	Right Exterior Girder	49.42	0.95	1	1	6.887009
Lane_str_inv	BOBJ1	49.42	After	Left Exterior Girder	49.42	0.95	1	1	12.506687
Lane_str_inv	BOBJ1	49.42	After	Right Exterior Girder	49.42	0.95	1	1	12.506687
Lane_str_inv	BOBJ1	51.92	Before	Interior Girder 1	51.92	0.95	1	1	4.878696
Lane_str_inv	BOBJ1	51.92	Before	Interior Girder 2	51.92	0.95	1	1	4.891243
Lane_str_inv	BOBJ1	51.92	Before	Interior Girder 3	51.92	0.95	1	1	4.448725
Lane_str_inv	BOBJ1	51.92	Before	Interior Girder 4	51.92	0.95	1	1	4.448725
Lane_str_inv	BOBJ1	51.92	Before	Interior Girder 5	51.92	0.95	1	1	4.891243
Lane_str_inv	BOBJ1	51.92	Before	Interior Girder 6	51.92	0.95	1	1	4.878696
Lane_str_inv	BOBJ1	51.92	After	Interior Girder 1	51.92	0.95	1	1	6.120896
Lane_str_inv	BOBJ1	51.92	After	Interior Girder 2	51.92	0.95	1	1	6.038476
Lane_str_inv	BOBJ1	51.92	After	Interior Girder 3	51.92	0.95	1	1	5.597997
Lane_str_inv	BOBJ1	51.92	After	Interior Girder 4	51.92	0.95	1	1	5.597997
Lane_str_inv	BOBJ1	51.92	After	Interior Girder 5	51.92	0.95	1	1	6.038476
Lane_str_inv	BOBJ1	51.92	After	Interior Girder 6	51.92	0.95	1	1	6.120896
Lane_str_inv	BOBJ1	56.42	Before	Left Exterior Girder	56.42	0.95	1	1	5.574459
Lane_str_inv	BOBJ1	56.42	Before	Interior Girder 1	56.42	0.95	1	1	3.311682
Lane_str_inv	BOBJ1	56.42	Before	Interior Girder 2	56.42	0.95	1	1	3.429503
Lane_str_inv	BOBJ1	56.42	Before	Interior Girder 3	56.42	0.95	1	1	2.884736
Lane_str_inv	BOBJ1	56.42	Before	Interior Girder 4	56.42	0.95	1	1	2.884736
Lane_str_inv	BOBJ1	56.42	Before	Interior Girder 5	56.42	0.95	1	1	3.429503
Lane_str_inv	BOBJ1	56.42	Before	Interior Girder 6	56.42	0.95	1	1	3.311682
Lane_str_inv	BOBJ1	56.42	Before	Right Exterior Girder	56.42	0.95	1	1	5.574459
Lane_str_inv	BOBJ1	56.42	After	Left Exterior Girder	0	0.95	1	1	5.772043

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelINonCompStrgth-Flx - Approach, Span 7-11									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Lane_str_inv	BOBJ1	56.42	After	Interior Girder 1	0	0.95	1	1	3.491758
Lane_str_inv	BOBJ1	56.42	After	Interior Girder 2	0	0.95	1	1	3.614235
Lane_str_inv	BOBJ1	56.42	After	Interior Girder 3	0	0.95	1	1	3.005844
Lane_str_inv	BOBJ1	56.42	After	Interior Girder 4	0	0.95	1	1	3.005844
Lane_str_inv	BOBJ1	56.42	After	Interior Girder 5	0	0.95	1	1	3.614235
Lane_str_inv	BOBJ1	56.42	After	Interior Girder 6	0	0.95	1	1	3.491758
Lane_str_inv	BOBJ1	56.42	After	Right Exterior Girder	0	0.95	1	1	5.772043
Lane_str_inv	BOBJ1	60.92	Before	Interior Girder 1	4.5	0.95	1	1	6.521651
Lane_str_inv	BOBJ1	60.92	Before	Interior Girder 2	4.5	0.95	1	1	6.418153
Lane_str_inv	BOBJ1	60.92	Before	Interior Girder 3	4.5	0.95	1	1	5.82599
Lane_str_inv	BOBJ1	60.92	Before	Interior Girder 4	4.5	0.95	1	1	5.82599
Lane_str_inv	BOBJ1	60.92	Before	Interior Girder 5	4.5	0.95	1	1	6.418153
Lane_str_inv	BOBJ1	60.92	Before	Interior Girder 6	4.5	0.95	1	1	6.521651
Lane_str_inv	BOBJ1	60.92	After	Interior Girder 1	4.5	0.95	1	1	5.194552
Lane_str_inv	BOBJ1	60.92	After	Interior Girder 2	4.5	0.95	1	1	5.205386
Lane_str_inv	BOBJ1	60.92	After	Interior Girder 3	4.5	0.95	1	1	4.623177
Lane_str_inv	BOBJ1	60.92	After	Interior Girder 4	4.5	0.95	1	1	4.623177
Lane_str_inv	BOBJ1	60.92	After	Interior Girder 5	4.5	0.95	1	1	5.205386
Lane_str_inv	BOBJ1	60.92	After	Interior Girder 6	4.5	0.95	1	1	5.194552
Lane_str_inv	BOBJ1	63.42	Before	Left Exterior Girder	7	0.95	1	1	14.166113
Lane_str_inv	BOBJ1	63.42	Before	Right Exterior Girder	7	0.95	1	1	14.166113
Lane_str_inv	BOBJ1	63.42	After	Left Exterior Girder	7	0.95	1	1	7.778155
Lane_str_inv	BOBJ1	63.42	After	Right Exterior Girder	7	0.95	1	1	7.778155
Lane_str_inv	BOBJ1	64.845	Before	Left Exterior Girder	8.425	0.95	1	1	10.006518
Lane_str_inv	BOBJ1	64.845	Before	Interior Girder 1	8.425	0.95	1	1	8.724389
Lane_str_inv	BOBJ1	64.845	Before	Interior Girder 2	8.425	0.95	1	1	8.489483
Lane_str_inv	BOBJ1	64.845	Before	Interior Girder 3	8.425	0.95	1	1	8.167556
Lane_str_inv	BOBJ1	64.845	Before	Interior Girder 4	8.425	0.95	1	1	8.167556
Lane_str_inv	BOBJ1	64.845	Before	Interior Girder 5	8.425	0.95	1	1	8.489483
Lane_str_inv	BOBJ1	64.845	Before	Interior Girder 6	8.425	0.95	1	1	8.724389
Lane_str_inv	BOBJ1	64.845	Before	Right Exterior Girder	8.425	0.95	1	1	10.006518
Lane_str_inv	BOBJ1	64.845	After	Left Exterior Girder	8.425	0.95	1	1	9.822712
Lane_str_inv	BOBJ1	64.845	After	Interior Girder 1	8.425	0.95	1	1	8.818635
Lane_str_inv	BOBJ1	64.845	After	Interior Girder 2	8.425	0.95	1	1	8.518949
Lane_str_inv	BOBJ1	64.845	After	Interior Girder 3	8.425	0.95	1	1	8.075895
Lane_str_inv	BOBJ1	64.845	After	Interior Girder 4	8.425	0.95	1	1	8.075895
Lane_str_inv	BOBJ1	64.845	After	Interior Girder 5	8.425	0.95	1	1	8.518949
Lane_str_inv	BOBJ1	64.845	After	Interior Girder 6	8.425	0.95	1	1	8.818635
Lane_str_inv	BOBJ1	64.845	After	Right Exterior Girder	8.425	0.95	1	1	9.822712
Lane_str_inv	BOBJ1	69.92	Before	Left Exterior Girder	13.5	0.95	1	1	17.946488
Lane_str_inv	BOBJ1	69.92	Before	Interior Girder 1	13.5	0.95	1	1	14.879661
Lane_str_inv	BOBJ1	69.92	Before	Interior Girder 2	13.5	0.95	1	1	14.053291
Lane_str_inv	BOBJ1	69.92	Before	Interior Girder 3	13.5	0.95	1	1	14.902136
Lane_str_inv	BOBJ1	69.92	Before	Interior Girder 4	13.5	0.95	1	1	14.902136
Lane_str_inv	BOBJ1	69.92	Before	Interior Girder 5	13.5	0.95	1	1	14.053291
Lane_str_inv	BOBJ1	69.92	Before	Interior Girder 6	13.5	0.95	1	1	14.879661
Lane_str_inv	BOBJ1	69.92	Before	Right Exterior Girder	13.5	0.95	1	1	17.946488
Lane_str_inv	BOBJ1	69.92	After	Left Exterior Girder	13.5	0.95	1	1	15.16055
Lane_str_inv	BOBJ1	69.92	After	Interior Girder 1	13.5	0.95	1	1	14.015103
Lane_str_inv	BOBJ1	69.92	After	Interior Girder 2	13.5	0.95	1	1	13.11903
Lane_str_inv	BOBJ1	69.92	After	Interior Girder 3	13.5	0.95	1	1	13.793627
Lane_str_inv	BOBJ1	69.92	After	Interior Girder 4	13.5	0.95	1	1	13.793627
Lane_str_inv	BOBJ1	69.92	After	Interior Girder 5	13.5	0.95	1	1	13.11903
Lane_str_inv	BOBJ1	69.92	After	Interior Girder 6	13.5	0.95	1	1	14.015103
Lane_str_inv	BOBJ1	69.92	After	Right Exterior Girder	13.5	0.95	1	1	15.16055
Lane_str_inv	BOBJ1	73.27	Before	Left Exterior Girder	16.85	0.95	1	1	14.987881
Lane_str_inv	BOBJ1	73.27	Before	Interior Girder 1	16.85	0.95	1	1	13.283576
Lane_str_inv	BOBJ1	73.27	Before	Interior Girder 2	16.85	0.95	1	1	12.41218
Lane_str_inv	BOBJ1	73.27	Before	Interior Girder 3	16.85	0.95	1	1	12.467424
Lane_str_inv	BOBJ1	73.27	Before	Interior Girder 4	16.85	0.95	1	1	12.467424
Lane_str_inv	BOBJ1	73.27	Before	Interior Girder 5	16.85	0.95	1	1	12.41218
Lane_str_inv	BOBJ1	73.27	Before	Interior Girder 6	16.85	0.95	1	1	13.283576
Lane_str_inv	BOBJ1	73.27	Before	Right Exterior Girder	16.85	0.95	1	1	14.987881
Lane_str_inv	BOBJ1	73.27	After	Left Exterior Girder	16.85	0.95	1	1	15.435415
Lane_str_inv	BOBJ1	73.27	After	Interior Girder 1	16.85	0.95	1	1	12.932116

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelINonCompStrgth-Flx - Approach, Span 7-11									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Lane_str_inv	BOBJ1	73.27	After	Interior Girder 2	16.85	0.95	1	1	12.372338
Lane_str_inv	BOBJ1	73.27	After	Interior Girder 3	16.85	0.95	1	1	12.547107
Lane_str_inv	BOBJ1	73.27	After	Interior Girder 4	16.85	0.95	1	1	12.547107
Lane_str_inv	BOBJ1	73.27	After	Interior Girder 5	16.85	0.95	1	1	12.372338
Lane_str_inv	BOBJ1	73.27	After	Interior Girder 6	16.85	0.95	1	1	12.932116
Lane_str_inv	BOBJ1	73.27	After	Right Exterior Girder	16.85	0.95	1	1	15.435415
Lane_str_inv	BOBJ1	81.695	Before	Left Exterior Girder	25.275	0.95	1	1	7.836087
Lane_str_inv	BOBJ1	81.695	Before	Interior Girder 1	25.275	0.95	1	1	6.67176
Lane_str_inv	BOBJ1	81.695	Before	Interior Girder 2	25.275	0.95	1	1	6.590984
Lane_str_inv	BOBJ1	81.695	Before	Interior Girder 3	25.275	0.95	1	1	6.644728
Lane_str_inv	BOBJ1	81.695	Before	Interior Girder 4	25.275	0.95	1	1	6.644728
Lane_str_inv	BOBJ1	81.695	Before	Interior Girder 5	25.275	0.95	1	1	6.590984
Lane_str_inv	BOBJ1	81.695	Before	Interior Girder 6	25.275	0.95	1	1	6.67176
Lane_str_inv	BOBJ1	81.695	Before	Right Exterior Girder	25.275	0.95	1	1	7.836087
Lane_str_inv	BOBJ1	81.695	After	Left Exterior Girder	25.275	0.95	1	1	7.979283
Lane_str_inv	BOBJ1	81.695	After	Interior Girder 1	25.275	0.95	1	1	6.581682
Lane_str_inv	BOBJ1	81.695	After	Interior Girder 2	25.275	0.95	1	1	6.583715
Lane_str_inv	BOBJ1	81.695	After	Interior Girder 3	25.275	0.95	1	1	6.740936
Lane_str_inv	BOBJ1	81.695	After	Interior Girder 4	25.275	0.95	1	1	6.740936
Lane_str_inv	BOBJ1	81.695	After	Interior Girder 5	25.275	0.95	1	1	6.583715
Lane_str_inv	BOBJ1	81.695	After	Interior Girder 6	25.275	0.95	1	1	6.581682
Lane_str_inv	BOBJ1	81.695	After	Right Exterior Girder	25.275	0.95	1	1	7.979283
Lane_str_inv	BOBJ1	90.12	Before	Left Exterior Girder	33.7	0.95	1	1	5.855501
Lane_str_inv	BOBJ1	90.12	Before	Interior Girder 1	33.7	0.95	1	1	5.63721
Lane_str_inv	BOBJ1	90.12	Before	Interior Girder 2	33.7	0.95	1	1	5.59232
Lane_str_inv	BOBJ1	90.12	Before	Interior Girder 3	33.7	0.95	1	1	5.681839
Lane_str_inv	BOBJ1	90.12	Before	Interior Girder 4	33.7	0.95	1	1	5.681839
Lane_str_inv	BOBJ1	90.12	Before	Interior Girder 5	33.7	0.95	1	1	5.59232
Lane_str_inv	BOBJ1	90.12	Before	Interior Girder 6	33.7	0.95	1	1	5.63721
Lane_str_inv	BOBJ1	90.12	Before	Right Exterior Girder	33.7	0.95	1	1	5.855501
Lane_str_inv	BOBJ1	90.12	After	Left Exterior Girder	33.7	0.95	1	1	5.872757
Lane_str_inv	BOBJ1	90.12	After	Interior Girder 1	33.7	0.95	1	1	5.630451
Lane_str_inv	BOBJ1	90.12	After	Interior Girder 2	33.7	0.95	1	1	5.586066
Lane_str_inv	BOBJ1	90.12	After	Interior Girder 3	33.7	0.95	1	1	5.678956
Lane_str_inv	BOBJ1	90.12	After	Interior Girder 4	33.7	0.95	1	1	5.678956
Lane_str_inv	BOBJ1	90.12	After	Interior Girder 5	33.7	0.95	1	1	5.586066
Lane_str_inv	BOBJ1	90.12	After	Interior Girder 6	33.7	0.95	1	1	5.630451
Lane_str_inv	BOBJ1	90.12	After	Right Exterior Girder	33.7	0.95	1	1	5.872757
Lane_str_inv	BOBJ1	98.545	Before	Left Exterior Girder	42.125	0.95	1	1	7.203163
Lane_str_inv	BOBJ1	98.545	Before	Interior Girder 1	42.125	0.95	1	1	6.146972
Lane_str_inv	BOBJ1	98.545	Before	Interior Girder 2	42.125	0.95	1	1	6.19465
Lane_str_inv	BOBJ1	98.545	Before	Interior Girder 3	42.125	0.95	1	1	6.39181
Lane_str_inv	BOBJ1	98.545	Before	Interior Girder 4	42.125	0.95	1	1	6.39181
Lane_str_inv	BOBJ1	98.545	Before	Interior Girder 5	42.125	0.95	1	1	6.19465
Lane_str_inv	BOBJ1	98.545	Before	Interior Girder 6	42.125	0.95	1	1	6.146972
Lane_str_inv	BOBJ1	98.545	Before	Right Exterior Girder	42.125	0.95	1	1	7.203163
Lane_str_inv	BOBJ1	98.545	After	Left Exterior Girder	42.125	0.95	1	1	7.126687
Lane_str_inv	BOBJ1	98.545	After	Interior Girder 1	42.125	0.95	1	1	6.204951
Lane_str_inv	BOBJ1	98.545	After	Interior Girder 2	42.125	0.95	1	1	6.188878
Lane_str_inv	BOBJ1	98.545	After	Interior Girder 3	42.125	0.95	1	1	6.308269
Lane_str_inv	BOBJ1	98.545	After	Interior Girder 4	42.125	0.95	1	1	6.308269
Lane_str_inv	BOBJ1	98.545	After	Interior Girder 5	42.125	0.95	1	1	6.188878
Lane_str_inv	BOBJ1	98.545	After	Interior Girder 6	42.125	0.95	1	1	6.204951
Lane_str_inv	BOBJ1	98.545	After	Right Exterior Girder	42.125	0.95	1	1	7.126687
Lane_str_inv	BOBJ1	106.97	Before	Left Exterior Girder	50.55	0.95	1	1	11.589225
Lane_str_inv	BOBJ1	106.97	Before	Interior Girder 1	50.55	0.95	1	1	10.337539
Lane_str_inv	BOBJ1	106.97	Before	Interior Girder 2	50.55	0.95	1	1	10.288157
Lane_str_inv	BOBJ1	106.97	Before	Interior Girder 3	50.55	0.95	1	1	10.445925
Lane_str_inv	BOBJ1	106.97	Before	Interior Girder 4	50.55	0.95	1	1	10.445925
Lane_str_inv	BOBJ1	106.97	Before	Interior Girder 5	50.55	0.95	1	1	10.288157
Lane_str_inv	BOBJ1	106.97	Before	Interior Girder 6	50.55	0.95	1	1	10.337539
Lane_str_inv	BOBJ1	106.97	Before	Right Exterior Girder	50.55	0.95	1	1	11.589225
Lane_str_inv	BOBJ1	106.97	After	Left Exterior Girder	50.55	0.95	1	1	11.337894
Lane_str_inv	BOBJ1	106.97	After	Interior Girder 1	50.55	0.95	1	1	10.596632
Lane_str_inv	BOBJ1	106.97	After	Interior Girder 2	50.55	0.95	1	1	10.278822

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelINonCompStrgth-Flx - Approach, Span 7-11									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Lane_str_inv	BOBJ1	106.97	After	Interior Girder 3	50.55	0.95	1	1	10.343392
Lane_str_inv	BOBJ1	106.97	After	Interior Girder 4	50.55	0.95	1	1	10.343392
Lane_str_inv	BOBJ1	106.97	After	Interior Girder 5	50.55	0.95	1	1	10.278822
Lane_str_inv	BOBJ1	106.97	After	Interior Girder 6	50.55	0.95	1	1	10.596632
Lane_str_inv	BOBJ1	106.97	After	Right Exterior Girder	50.55	0.95	1	1	11.337894
Lane_str_inv	BOBJ1	115.405	Before	Left Exterior Girder	58.985	0.95	1	1	7.003822
Lane_str_inv	BOBJ1	115.405	Before	Interior Girder 1	58.985	0.95	1	1	7.056065
Lane_str_inv	BOBJ1	115.405	Before	Interior Girder 2	58.985	0.95	1	1	6.884935
Lane_str_inv	BOBJ1	115.405	Before	Interior Girder 3	58.985	0.95	1	1	6.6992
Lane_str_inv	BOBJ1	115.405	Before	Interior Girder 4	58.985	0.95	1	1	6.6992
Lane_str_inv	BOBJ1	115.405	Before	Interior Girder 5	58.985	0.95	1	1	6.884935
Lane_str_inv	BOBJ1	115.405	Before	Interior Girder 6	58.985	0.95	1	1	7.056065
Lane_str_inv	BOBJ1	115.405	Before	Right Exterior Girder	58.985	0.95	1	1	7.003822
Lane_str_inv	BOBJ1	115.405	After	Left Exterior Girder	58.985	0.95	1	1	7.328646
Lane_str_inv	BOBJ1	115.405	After	Interior Girder 1	58.985	0.95	1	1	6.841614
Lane_str_inv	BOBJ1	115.405	After	Interior Girder 2	58.985	0.95	1	1	6.882798
Lane_str_inv	BOBJ1	115.405	After	Interior Girder 3	58.985	0.95	1	1	6.801607
Lane_str_inv	BOBJ1	115.405	After	Interior Girder 4	58.985	0.95	1	1	6.801607
Lane_str_inv	BOBJ1	115.405	After	Interior Girder 5	58.985	0.95	1	1	6.882798
Lane_str_inv	BOBJ1	115.405	After	Interior Girder 6	58.985	0.95	1	1	6.841614
Lane_str_inv	BOBJ1	115.405	After	Right Exterior Girder	58.985	0.95	1	1	7.328646
Lane_str_inv	BOBJ1	116.34	Before	Left Exterior Girder	59.92	0.95	1	1	6.157567
Lane_str_inv	BOBJ1	116.34	Before	Right Exterior Girder	59.92	0.95	1	1	6.157567
Lane_str_inv	BOBJ1	116.34	After	Left Exterior Girder	59.92	0.95	1	1	12.903952
Lane_str_inv	BOBJ1	116.34	After	Right Exterior Girder	59.92	0.95	1	1	12.903952
Lane_str_inv	BOBJ1	118.84	Before	Interior Girder 1	62.42	0.95	1	1	4.583441
Lane_str_inv	BOBJ1	118.84	Before	Interior Girder 2	62.42	0.95	1	1	4.636333
Lane_str_inv	BOBJ1	118.84	Before	Interior Girder 3	62.42	0.95	1	1	4.2401
Lane_str_inv	BOBJ1	118.84	Before	Interior Girder 4	62.42	0.95	1	1	4.2401
Lane_str_inv	BOBJ1	118.84	Before	Interior Girder 5	62.42	0.95	1	1	4.636333
Lane_str_inv	BOBJ1	118.84	Before	Interior Girder 6	62.42	0.95	1	1	4.583441
Lane_str_inv	BOBJ1	118.84	After	Interior Girder 1	62.42	0.95	1	1	6.61425
Lane_str_inv	BOBJ1	118.84	After	Interior Girder 2	62.42	0.95	1	1	6.545955
Lane_str_inv	BOBJ1	118.84	After	Interior Girder 3	62.42	0.95	1	1	6.13256
Lane_str_inv	BOBJ1	118.84	After	Interior Girder 4	62.42	0.95	1	1	6.13256
Lane_str_inv	BOBJ1	118.84	After	Interior Girder 5	62.42	0.95	1	1	6.545955
Lane_str_inv	BOBJ1	118.84	After	Interior Girder 6	62.42	0.95	1	1	6.61425
Lane_str_inv	BOBJ1	123.84	Before	Left Exterior Girder	67.42	0.95	1	1	5.334464
Lane_str_inv	BOBJ1	123.84	Before	Interior Girder 1	67.42	0.95	1	1	3.527522
Lane_str_inv	BOBJ1	123.84	Before	Interior Girder 2	67.42	0.95	1	1	3.653605
Lane_str_inv	BOBJ1	123.84	Before	Interior Girder 3	67.42	0.95	1	1	3.105019
Lane_str_inv	BOBJ1	123.84	Before	Interior Girder 4	67.42	0.95	1	1	3.105019
Lane_str_inv	BOBJ1	123.84	Before	Interior Girder 5	67.42	0.95	1	1	3.653605
Lane_str_inv	BOBJ1	123.84	Before	Interior Girder 6	67.42	0.95	1	1	3.527522
Lane_str_inv	BOBJ1	123.84	Before	Right Exterior Girder	67.42	0.95	1	1	5.334464
Lane_str_inv	BOBJ1	123.84	After	Left Exterior Girder	0	0.95	1	1	5.315757
Lane_str_inv	BOBJ1	123.84	After	Interior Girder 1	0	0.95	1	1	3.536194
Lane_str_inv	BOBJ1	123.84	After	Interior Girder 2	0	0.95	1	1	3.663459
Lane_str_inv	BOBJ1	123.84	After	Interior Girder 3	0	0.95	1	1	3.104446
Lane_str_inv	BOBJ1	123.84	After	Interior Girder 4	0	0.95	1	1	3.104446
Lane_str_inv	BOBJ1	123.84	After	Interior Girder 5	0	0.95	1	1	3.663459
Lane_str_inv	BOBJ1	123.84	After	Interior Girder 6	0	0.95	1	1	3.536194
Lane_str_inv	BOBJ1	123.84	After	Right Exterior Girder	0	0.95	1	1	5.315757
Lane_str_inv	BOBJ1	128.84	Before	Interior Girder 1	5	0.95	1	1	6.713222
Lane_str_inv	BOBJ1	128.84	Before	Interior Girder 2	5	0.95	1	1	6.6323
Lane_str_inv	BOBJ1	128.84	Before	Interior Girder 3	5	0.95	1	1	6.17826
Lane_str_inv	BOBJ1	128.84	Before	Interior Girder 4	5	0.95	1	1	6.17826
Lane_str_inv	BOBJ1	128.84	Before	Interior Girder 5	5	0.95	1	1	6.6323
Lane_str_inv	BOBJ1	128.84	Before	Interior Girder 6	5	0.95	1	1	6.713222
Lane_str_inv	BOBJ1	128.84	After	Interior Girder 1	5	0.95	1	1	4.652536
Lane_str_inv	BOBJ1	128.84	After	Interior Girder 2	5	0.95	1	1	4.701277
Lane_str_inv	BOBJ1	128.84	After	Interior Girder 3	5	0.95	1	1	4.27444
Lane_str_inv	BOBJ1	128.84	After	Interior Girder 4	5	0.95	1	1	4.27444
Lane_str_inv	BOBJ1	128.84	After	Interior Girder 5	5	0.95	1	1	4.701277
Lane_str_inv	BOBJ1	128.84	After	Interior Girder 6	5	0.95	1	1	4.652536

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelINonCompStrgth-Flx - Approach, Span 7-11									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Lane_str_inv	BOBJ1	131.34	Before	Left Exterior Girder	7.5	0.95	1	1	13.249162
Lane_str_inv	BOBJ1	131.34	Before	Right Exterior Girder	7.5	0.95	1	1	13.249162
Lane_str_inv	BOBJ1	131.34	After	Left Exterior Girder	7.5	0.95	1	1	6.330215
Lane_str_inv	BOBJ1	131.34	After	Right Exterior Girder	7.5	0.95	1	1	6.330215
Lane_str_inv	BOBJ1	132.265	Before	Left Exterior Girder	8.425	0.95	1	1	7.578983
Lane_str_inv	BOBJ1	132.265	Before	Interior Girder 1	8.425	0.95	1	1	7.045595
Lane_str_inv	BOBJ1	132.265	Before	Interior Girder 2	8.425	0.95	1	1	7.070572
Lane_str_inv	BOBJ1	132.265	Before	Interior Girder 3	8.425	0.95	1	1	6.92391
Lane_str_inv	BOBJ1	132.265	Before	Interior Girder 4	8.425	0.95	1	1	6.92391
Lane_str_inv	BOBJ1	132.265	Before	Interior Girder 5	8.425	0.95	1	1	7.070572
Lane_str_inv	BOBJ1	132.265	Before	Interior Girder 6	8.425	0.95	1	1	7.045595
Lane_str_inv	BOBJ1	132.265	Before	Right Exterior Girder	8.425	0.95	1	1	7.578983
Lane_str_inv	BOBJ1	132.265	After	Left Exterior Girder	8.425	0.95	1	1	7.228282
Lane_str_inv	BOBJ1	132.265	After	Interior Girder 1	8.425	0.95	1	1	7.27348
Lane_str_inv	BOBJ1	132.265	After	Interior Girder 2	8.425	0.95	1	1	7.073512
Lane_str_inv	BOBJ1	132.265	After	Interior Girder 3	8.425	0.95	1	1	6.821138
Lane_str_inv	BOBJ1	132.265	After	Interior Girder 4	8.425	0.95	1	1	6.821138
Lane_str_inv	BOBJ1	132.265	After	Interior Girder 5	8.425	0.95	1	1	7.073512
Lane_str_inv	BOBJ1	132.265	After	Interior Girder 6	8.425	0.95	1	1	7.27348
Lane_str_inv	BOBJ1	132.265	After	Right Exterior Girder	8.425	0.95	1	1	7.228282
Lane_str_inv	BOBJ1	140.69	Before	Left Exterior Girder	16.85	0.95	1	1	11.740447
Lane_str_inv	BOBJ1	140.69	Before	Interior Girder 1	16.85	0.95	1	1	10.886468
Lane_str_inv	BOBJ1	140.69	Before	Interior Girder 2	16.85	0.95	1	1	10.523612
Lane_str_inv	BOBJ1	140.69	Before	Interior Girder 3	16.85	0.95	1	1	10.592645
Lane_str_inv	BOBJ1	140.69	Before	Interior Girder 4	16.85	0.95	1	1	10.592645
Lane_str_inv	BOBJ1	140.69	Before	Interior Girder 5	16.85	0.95	1	1	10.523612
Lane_str_inv	BOBJ1	140.69	Before	Interior Girder 6	16.85	0.95	1	1	10.886468
Lane_str_inv	BOBJ1	140.69	Before	Right Exterior Girder	16.85	0.95	1	1	11.740447
Lane_str_inv	BOBJ1	140.69	After	Left Exterior Girder	16.85	0.95	1	1	12.044518
Lane_str_inv	BOBJ1	140.69	After	Interior Girder 1	16.85	0.95	1	1	10.596778
Lane_str_inv	BOBJ1	140.69	After	Interior Girder 2	16.85	0.95	1	1	10.520952
Lane_str_inv	BOBJ1	140.69	After	Interior Girder 3	16.85	0.95	1	1	10.688354
Lane_str_inv	BOBJ1	140.69	After	Interior Girder 4	16.85	0.95	1	1	10.688354
Lane_str_inv	BOBJ1	140.69	After	Interior Girder 5	16.85	0.95	1	1	10.520952
Lane_str_inv	BOBJ1	140.69	After	Interior Girder 6	16.85	0.95	1	1	10.596778
Lane_str_inv	BOBJ1	140.69	After	Right Exterior Girder	16.85	0.95	1	1	12.044518
Lane_str_inv	BOBJ1	149.115	Before	Left Exterior Girder	25.275	0.95	1	1	6.970831
Lane_str_inv	BOBJ1	149.115	Before	Interior Girder 1	25.275	0.95	1	1	6.084503
Lane_str_inv	BOBJ1	149.115	Before	Interior Girder 2	25.275	0.95	1	1	6.088219
Lane_str_inv	BOBJ1	149.115	Before	Interior Girder 3	25.275	0.95	1	1	6.238783
Lane_str_inv	BOBJ1	149.115	Before	Interior Girder 4	25.275	0.95	1	1	6.238783
Lane_str_inv	BOBJ1	149.115	Before	Interior Girder 5	25.275	0.95	1	1	6.088219
Lane_str_inv	BOBJ1	149.115	Before	Interior Girder 6	25.275	0.95	1	1	6.084503
Lane_str_inv	BOBJ1	149.115	Before	Right Exterior Girder	25.275	0.95	1	1	6.970831
Lane_str_inv	BOBJ1	149.115	After	Left Exterior Girder	25.275	0.95	1	1	7.066535
Lane_str_inv	BOBJ1	149.115	After	Interior Girder 1	25.275	0.95	1	1	6.021547
Lane_str_inv	BOBJ1	149.115	After	Interior Girder 2	25.275	0.95	1	1	6.087236
Lane_str_inv	BOBJ1	149.115	After	Interior Girder 3	25.275	0.95	1	1	6.320888
Lane_str_inv	BOBJ1	149.115	After	Interior Girder 4	25.275	0.95	1	1	6.320888
Lane_str_inv	BOBJ1	149.115	After	Interior Girder 5	25.275	0.95	1	1	6.087236
Lane_str_inv	BOBJ1	149.115	After	Interior Girder 6	25.275	0.95	1	1	6.021547
Lane_str_inv	BOBJ1	149.115	After	Right Exterior Girder	25.275	0.95	1	1	7.066535
Lane_str_inv	BOBJ1	157.54	Before	Left Exterior Girder	33.7	0.95	1	1	5.532751
Lane_str_inv	BOBJ1	157.54	Before	Interior Girder 1	33.7	0.95	1	1	5.32322
Lane_str_inv	BOBJ1	157.54	Before	Interior Girder 2	33.7	0.95	1	1	5.340492
Lane_str_inv	BOBJ1	157.54	Before	Interior Girder 3	33.7	0.95	1	1	5.455394
Lane_str_inv	BOBJ1	157.54	Before	Interior Girder 4	33.7	0.95	1	1	5.455394
Lane_str_inv	BOBJ1	157.54	Before	Interior Girder 5	33.7	0.95	1	1	5.340492
Lane_str_inv	BOBJ1	157.54	Before	Interior Girder 6	33.7	0.95	1	1	5.32322
Lane_str_inv	BOBJ1	157.54	Before	Right Exterior Girder	33.7	0.95	1	1	5.532751
Lane_str_inv	BOBJ1	157.54	After	Left Exterior Girder	33.7	0.95	1	1	5.533119
Lane_str_inv	BOBJ1	157.54	After	Interior Girder 1	33.7	0.95	1	1	5.323091
Lane_str_inv	BOBJ1	157.54	After	Interior Girder 2	33.7	0.95	1	1	5.340447
Lane_str_inv	BOBJ1	157.54	After	Interior Girder 3	33.7	0.95	1	1	5.455468
Lane_str_inv	BOBJ1	157.54	After	Interior Girder 4	33.7	0.95	1	1	5.455468

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelINonCompStrgth-Flx - Approach, Span 7-11									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Lane_str_inv	BOBJ1	157.54	After	Interior Girder 5	33.7	0.95	1	1	5.340447
Lane_str_inv	BOBJ1	157.54	After	Interior Girder 6	33.7	0.95	1	1	5.323091
Lane_str_inv	BOBJ1	157.54	After	Right Exterior Girder	33.7	0.95	1	1	5.533119
Lane_str_inv	BOBJ1	165.965	Before	Left Exterior Girder	42.125	0.95	1	1	7.059945
Lane_str_inv	BOBJ1	165.965	Before	Interior Girder 1	42.125	0.95	1	1	6.018482
Lane_str_inv	BOBJ1	165.965	Before	Interior Girder 2	42.125	0.95	1	1	6.083935
Lane_str_inv	BOBJ1	165.965	Before	Interior Girder 3	42.125	0.95	1	1	6.316739
Lane_str_inv	BOBJ1	165.965	Before	Interior Girder 4	42.125	0.95	1	1	6.316739
Lane_str_inv	BOBJ1	165.965	Before	Interior Girder 5	42.125	0.95	1	1	6.083935
Lane_str_inv	BOBJ1	165.965	Before	Interior Girder 6	42.125	0.95	1	1	6.018482
Lane_str_inv	BOBJ1	165.965	Before	Right Exterior Girder	42.125	0.95	1	1	7.059945
Lane_str_inv	BOBJ1	165.965	After	Left Exterior Girder	42.125	0.95	1	1	6.965267
Lane_str_inv	BOBJ1	165.965	After	Interior Girder 1	42.125	0.95	1	1	6.081084
Lane_str_inv	BOBJ1	165.965	After	Interior Girder 2	42.125	0.95	1	1	6.084876
Lane_str_inv	BOBJ1	165.965	After	Interior Girder 3	42.125	0.95	1	1	6.235075
Lane_str_inv	BOBJ1	165.965	After	Interior Girder 4	42.125	0.95	1	1	6.235075
Lane_str_inv	BOBJ1	165.965	After	Interior Girder 5	42.125	0.95	1	1	6.084876
Lane_str_inv	BOBJ1	165.965	After	Interior Girder 6	42.125	0.95	1	1	6.081084
Lane_str_inv	BOBJ1	165.965	After	Right Exterior Girder	42.125	0.95	1	1	6.965267
Lane_str_inv	BOBJ1	174.39	Before	Left Exterior Girder	50.55	0.95	1	1	12.01606
Lane_str_inv	BOBJ1	174.39	Before	Interior Girder 1	50.55	0.95	1	1	10.581065
Lane_str_inv	BOBJ1	174.39	Before	Interior Girder 2	50.55	0.95	1	1	10.505801
Lane_str_inv	BOBJ1	174.39	Before	Interior Girder 3	50.55	0.95	1	1	10.67023
Lane_str_inv	BOBJ1	174.39	Before	Interior Girder 4	50.55	0.95	1	1	10.67023
Lane_str_inv	BOBJ1	174.39	Before	Interior Girder 5	50.55	0.95	1	1	10.505801
Lane_str_inv	BOBJ1	174.39	Before	Interior Girder 6	50.55	0.95	1	1	10.581065
Lane_str_inv	BOBJ1	174.39	Before	Right Exterior Girder	50.55	0.95	1	1	12.01606
Lane_str_inv	BOBJ1	174.39	After	Left Exterior Girder	50.55	0.95	1	1	11.713699
Lane_str_inv	BOBJ1	174.39	After	Interior Girder 1	50.55	0.95	1	1	10.870516
Lane_str_inv	BOBJ1	174.39	After	Interior Girder 2	50.55	0.95	1	1	10.508676
Lane_str_inv	BOBJ1	174.39	After	Interior Girder 3	50.55	0.95	1	1	10.574732
Lane_str_inv	BOBJ1	174.39	After	Interior Girder 4	50.55	0.95	1	1	10.574732
Lane_str_inv	BOBJ1	174.39	After	Interior Girder 5	50.55	0.95	1	1	10.508676
Lane_str_inv	BOBJ1	174.39	After	Interior Girder 6	50.55	0.95	1	1	10.870516
Lane_str_inv	BOBJ1	174.39	After	Right Exterior Girder	50.55	0.95	1	1	11.713699
Lane_str_inv	BOBJ1	182.825	Before	Left Exterior Girder	58.985	0.95	1	1	7.239653
Lane_str_inv	BOBJ1	182.825	Before	Interior Girder 1	58.985	0.95	1	1	7.270154
Lane_str_inv	BOBJ1	182.825	Before	Interior Girder 2	58.985	0.95	1	1	7.06902
Lane_str_inv	BOBJ1	182.825	Before	Interior Girder 3	58.985	0.95	1	1	6.82735
Lane_str_inv	BOBJ1	182.825	Before	Interior Girder 4	58.985	0.95	1	1	6.82735
Lane_str_inv	BOBJ1	182.825	Before	Interior Girder 5	58.985	0.95	1	1	7.06902
Lane_str_inv	BOBJ1	182.825	Before	Interior Girder 6	58.985	0.95	1	1	7.270154
Lane_str_inv	BOBJ1	182.825	Before	Right Exterior Girder	58.985	0.95	1	1	7.239653
Lane_str_inv	BOBJ1	182.825	After	Left Exterior Girder	58.985	0.95	1	1	7.59132
Lane_str_inv	BOBJ1	182.825	After	Interior Girder 1	58.985	0.95	1	1	7.042258
Lane_str_inv	BOBJ1	182.825	After	Interior Girder 2	58.985	0.95	1	1	7.065598
Lane_str_inv	BOBJ1	182.825	After	Interior Girder 3	58.985	0.95	1	1	6.931099
Lane_str_inv	BOBJ1	182.825	After	Interior Girder 4	58.985	0.95	1	1	6.931099
Lane_str_inv	BOBJ1	182.825	After	Interior Girder 5	58.985	0.95	1	1	7.065598
Lane_str_inv	BOBJ1	182.825	After	Interior Girder 6	58.985	0.95	1	1	7.042258
Lane_str_inv	BOBJ1	182.825	After	Right Exterior Girder	58.985	0.95	1	1	7.59132
Lane_str_inv	BOBJ1	183.76	Before	Left Exterior Girder	59.92	0.95	1	1	6.310766
Lane_str_inv	BOBJ1	183.76	Before	Right Exterior Girder	59.92	0.95	1	1	6.310766
Lane_str_inv	BOBJ1	183.76	After	Left Exterior Girder	59.92	0.95	1	1	13.225455
Lane_str_inv	BOBJ1	183.76	After	Right Exterior Girder	59.92	0.95	1	1	13.225455
Lane_str_inv	BOBJ1	186.26	Before	Interior Girder 1	62.42	0.95	1	1	4.64186
Lane_str_inv	BOBJ1	186.26	Before	Interior Girder 2	62.42	0.95	1	1	4.690481
Lane_str_inv	BOBJ1	186.26	Before	Interior Girder 3	62.42	0.95	1	1	4.273703
Lane_str_inv	BOBJ1	186.26	Before	Interior Girder 4	62.42	0.95	1	1	4.273703
Lane_str_inv	BOBJ1	186.26	Before	Interior Girder 5	62.42	0.95	1	1	4.690481
Lane_str_inv	BOBJ1	186.26	Before	Interior Girder 6	62.42	0.95	1	1	4.64186
Lane_str_inv	BOBJ1	186.26	After	Interior Girder 1	62.42	0.95	1	1	6.700292
Lane_str_inv	BOBJ1	186.26	After	Interior Girder 2	62.42	0.95	1	1	6.618418
Lane_str_inv	BOBJ1	186.26	After	Interior Girder 3	62.42	0.95	1	1	6.178491
Lane_str_inv	BOBJ1	186.26	After	Interior Girder 4	62.42	0.95	1	1	6.178491

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelINonCompStrgth-Flx - Approach, Span 7-11									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Lane_str_inv	BOBJ1	186.26	After	Interior Girder 5	62.42	0.95	1	1	6.618418
Lane_str_inv	BOBJ1	186.26	After	Interior Girder 6	62.42	0.95	1	1	6.700292
Lane_str_inv	BOBJ1	191.26	Before	Left Exterior Girder	67.42	0.95	1	1	5.319893
Lane_str_inv	BOBJ1	191.26	Before	Interior Girder 1	67.42	0.95	1	1	3.527232
Lane_str_inv	BOBJ1	191.26	Before	Interior Girder 2	67.42	0.95	1	1	3.653863
Lane_str_inv	BOBJ1	191.26	Before	Interior Girder 3	67.42	0.95	1	1	3.104173
Lane_str_inv	BOBJ1	191.26	Before	Interior Girder 4	67.42	0.95	1	1	3.104173
Lane_str_inv	BOBJ1	191.26	Before	Interior Girder 5	67.42	0.95	1	1	3.653863
Lane_str_inv	BOBJ1	191.26	Before	Interior Girder 6	67.42	0.95	1	1	3.527232
Lane_str_inv	BOBJ1	191.26	Before	Right Exterior Girder	67.42	0.95	1	1	5.319893
Lane_str_inv	BOBJ1	191.26	After	Left Exterior Girder	0	0.95	1	1	5.322216
Lane_str_inv	BOBJ1	191.26	After	Interior Girder 1	0	0.95	1	1	3.531707
Lane_str_inv	BOBJ1	191.26	After	Interior Girder 2	0	0.95	1	1	3.659803
Lane_str_inv	BOBJ1	191.26	After	Interior Girder 3	0	0.95	1	1	3.102578
Lane_str_inv	BOBJ1	191.26	After	Interior Girder 4	0	0.95	1	1	3.102578
Lane_str_inv	BOBJ1	191.26	After	Interior Girder 5	0	0.95	1	1	3.659803
Lane_str_inv	BOBJ1	191.26	After	Interior Girder 6	0	0.95	1	1	3.531707
Lane_str_inv	BOBJ1	191.26	After	Right Exterior Girder	0	0.95	1	1	5.322216
Lane_str_inv	BOBJ1	196.26	Before	Interior Girder 1	5	0.95	1	1	6.621472
Lane_str_inv	BOBJ1	196.26	Before	Interior Girder 2	5	0.95	1	1	6.555788
Lane_str_inv	BOBJ1	196.26	Before	Interior Girder 3	5	0.95	1	1	6.129115
Lane_str_inv	BOBJ1	196.26	Before	Interior Girder 4	5	0.95	1	1	6.129115
Lane_str_inv	BOBJ1	196.26	Before	Interior Girder 5	5	0.95	1	1	6.555788
Lane_str_inv	BOBJ1	196.26	Before	Interior Girder 6	5	0.95	1	1	6.621472
Lane_str_inv	BOBJ1	196.26	After	Interior Girder 1	5	0.95	1	1	4.588275
Lane_str_inv	BOBJ1	196.26	After	Interior Girder 2	5	0.95	1	1	4.643048
Lane_str_inv	BOBJ1	196.26	After	Interior Girder 3	5	0.95	1	1	4.237645
Lane_str_inv	BOBJ1	196.26	After	Interior Girder 4	5	0.95	1	1	4.237645
Lane_str_inv	BOBJ1	196.26	After	Interior Girder 5	5	0.95	1	1	4.643048
Lane_str_inv	BOBJ1	196.26	After	Interior Girder 6	5	0.95	1	1	4.588275
Lane_str_inv	BOBJ1	198.76	Before	Left Exterior Girder	7.5	0.95	1	1	12.918308
Lane_str_inv	BOBJ1	198.76	Before	Right Exterior Girder	7.5	0.95	1	1	12.918308
Lane_str_inv	BOBJ1	198.76	After	Left Exterior Girder	7.5	0.95	1	1	6.167672
Lane_str_inv	BOBJ1	198.76	After	Right Exterior Girder	7.5	0.95	1	1	6.167672
Lane_str_inv	BOBJ1	199.685	Before	Left Exterior Girder	8.425	0.95	1	1	7.307814
Lane_str_inv	BOBJ1	199.685	Before	Interior Girder 1	8.425	0.95	1	1	6.839156
Lane_str_inv	BOBJ1	199.685	Before	Interior Girder 2	8.425	0.95	1	1	6.883772
Lane_str_inv	BOBJ1	199.685	Before	Interior Girder 3	8.425	0.95	1	1	6.791396
Lane_str_inv	BOBJ1	199.685	Before	Interior Girder 4	8.425	0.95	1	1	6.791396
Lane_str_inv	BOBJ1	199.685	Before	Interior Girder 5	8.425	0.95	1	1	6.883772
Lane_str_inv	BOBJ1	199.685	Before	Interior Girder 6	8.425	0.95	1	1	6.839156
Lane_str_inv	BOBJ1	199.685	Before	Right Exterior Girder	8.425	0.95	1	1	7.307814
Lane_str_inv	BOBJ1	199.685	After	Left Exterior Girder	8.425	0.95	1	1	6.98354
Lane_str_inv	BOBJ1	199.685	After	Interior Girder 1	8.425	0.95	1	1	7.053784
Lane_str_inv	BOBJ1	199.685	After	Interior Girder 2	8.425	0.95	1	1	6.885592
Lane_str_inv	BOBJ1	199.685	After	Interior Girder 3	8.425	0.95	1	1	6.690137
Lane_str_inv	BOBJ1	199.685	After	Interior Girder 4	8.425	0.95	1	1	6.690137
Lane_str_inv	BOBJ1	199.685	After	Interior Girder 5	8.425	0.95	1	1	6.885592
Lane_str_inv	BOBJ1	199.685	After	Interior Girder 6	8.425	0.95	1	1	7.053784
Lane_str_inv	BOBJ1	199.685	After	Right Exterior Girder	8.425	0.95	1	1	6.98354
Lane_str_inv	BOBJ1	208.11	Before	Left Exterior Girder	16.85	0.95	1	1	11.365438
Lane_str_inv	BOBJ1	208.11	Before	Interior Girder 1	16.85	0.95	1	1	10.612946
Lane_str_inv	BOBJ1	208.11	Before	Interior Girder 2	16.85	0.95	1	1	10.293684
Lane_str_inv	BOBJ1	208.11	Before	Interior Girder 3	16.85	0.95	1	1	10.360665
Lane_str_inv	BOBJ1	208.11	Before	Interior Girder 4	16.85	0.95	1	1	10.360665
Lane_str_inv	BOBJ1	208.11	Before	Interior Girder 5	16.85	0.95	1	1	10.293684
Lane_str_inv	BOBJ1	208.11	Before	Interior Girder 6	16.85	0.95	1	1	10.612946
Lane_str_inv	BOBJ1	208.11	Before	Right Exterior Girder	16.85	0.95	1	1	11.365438
Lane_str_inv	BOBJ1	208.11	After	Left Exterior Girder	16.85	0.95	1	1	11.618671
Lane_str_inv	BOBJ1	208.11	After	Interior Girder 1	16.85	0.95	1	1	10.353528
Lane_str_inv	BOBJ1	208.11	After	Interior Girder 2	16.85	0.95	1	1	10.302956
Lane_str_inv	BOBJ1	208.11	After	Interior Girder 3	16.85	0.95	1	1	10.463072
Lane_str_inv	BOBJ1	208.11	After	Interior Girder 4	16.85	0.95	1	1	10.463072
Lane_str_inv	BOBJ1	208.11	After	Interior Girder 5	16.85	0.95	1	1	10.302956
Lane_str_inv	BOBJ1	208.11	After	Interior Girder 6	16.85	0.95	1	1	10.353528

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelINonCompStrgth-Flx - Approach, Span 7-11									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Lane_str_inv	BOBJ1	208.11	After	Right Exterior Girder	16.85	0.95	1	1	11.618671
Lane_str_inv	BOBJ1	216.535	Before	Left Exterior Girder	25.275	0.95	1	1	7.129998
Lane_str_inv	BOBJ1	216.535	Before	Interior Girder 1	25.275	0.95	1	1	6.206489
Lane_str_inv	BOBJ1	216.535	Before	Interior Girder 2	25.275	0.95	1	1	6.190818
Lane_str_inv	BOBJ1	216.535	Before	Interior Girder 3	25.275	0.95	1	1	6.310872
Lane_str_inv	BOBJ1	216.535	Before	Interior Girder 4	25.275	0.95	1	1	6.310872
Lane_str_inv	BOBJ1	216.535	Before	Interior Girder 5	25.275	0.95	1	1	6.190818
Lane_str_inv	BOBJ1	216.535	Before	Interior Girder 6	25.275	0.95	1	1	6.206489
Lane_str_inv	BOBJ1	216.535	Before	Right Exterior Girder	25.275	0.95	1	1	7.129998
Lane_str_inv	BOBJ1	216.535	After	Left Exterior Girder	25.275	0.95	1	1	7.207998
Lane_str_inv	BOBJ1	216.535	After	Interior Girder 1	25.275	0.95	1	1	6.148094
Lane_str_inv	BOBJ1	216.535	After	Interior Girder 2	25.275	0.95	1	1	6.196233
Lane_str_inv	BOBJ1	216.535	After	Interior Girder 3	25.275	0.95	1	1	6.394499
Lane_str_inv	BOBJ1	216.535	After	Interior Girder 4	25.275	0.95	1	1	6.394499
Lane_str_inv	BOBJ1	216.535	After	Interior Girder 5	25.275	0.95	1	1	6.196233
Lane_str_inv	BOBJ1	216.535	After	Interior Girder 6	25.275	0.95	1	1	6.148094
Lane_str_inv	BOBJ1	216.535	After	Right Exterior Girder	25.275	0.95	1	1	7.207998
Lane_str_inv	BOBJ1	224.96	Before	Left Exterior Girder	33.7	0.95	1	1	5.866485
Lane_str_inv	BOBJ1	224.96	Before	Interior Girder 1	33.7	0.95	1	1	5.625677
Lane_str_inv	BOBJ1	224.96	Before	Interior Girder 2	33.7	0.95	1	1	5.582634
Lane_str_inv	BOBJ1	224.96	Before	Interior Girder 3	33.7	0.95	1	1	5.676094
Lane_str_inv	BOBJ1	224.96	Before	Interior Girder 4	33.7	0.95	1	1	5.676094
Lane_str_inv	BOBJ1	224.96	Before	Interior Girder 5	33.7	0.95	1	1	5.582634
Lane_str_inv	BOBJ1	224.96	Before	Interior Girder 6	33.7	0.95	1	1	5.625677
Lane_str_inv	BOBJ1	224.96	Before	Right Exterior Girder	33.7	0.95	1	1	5.866485
Lane_str_inv	BOBJ1	224.96	After	Left Exterior Girder	33.7	0.95	1	1	5.850672
Lane_str_inv	BOBJ1	224.96	After	Interior Girder 1	33.7	0.95	1	1	5.632004
Lane_str_inv	BOBJ1	224.96	After	Interior Girder 2	33.7	0.95	1	1	5.588471
Lane_str_inv	BOBJ1	224.96	After	Interior Girder 3	33.7	0.95	1	1	5.678846
Lane_str_inv	BOBJ1	224.96	After	Interior Girder 4	33.7	0.95	1	1	5.678846
Lane_str_inv	BOBJ1	224.96	After	Interior Girder 5	33.7	0.95	1	1	5.588471
Lane_str_inv	BOBJ1	224.96	After	Interior Girder 6	33.7	0.95	1	1	5.632004
Lane_str_inv	BOBJ1	224.96	After	Right Exterior Girder	33.7	0.95	1	1	5.850672
Lane_str_inv	BOBJ1	233.385	Before	Left Exterior Girder	42.125	0.95	1	1	7.957598
Lane_str_inv	BOBJ1	233.385	Before	Interior Girder 1	42.125	0.95	1	1	6.569309
Lane_str_inv	BOBJ1	233.385	Before	Interior Girder 2	42.125	0.95	1	1	6.574139
Lane_str_inv	BOBJ1	233.385	Before	Interior Girder 3	42.125	0.95	1	1	6.731503
Lane_str_inv	BOBJ1	233.385	Before	Interior Girder 4	42.125	0.95	1	1	6.731503
Lane_str_inv	BOBJ1	233.385	Before	Interior Girder 5	42.125	0.95	1	1	6.574139
Lane_str_inv	BOBJ1	233.385	Before	Interior Girder 6	42.125	0.95	1	1	6.569309
Lane_str_inv	BOBJ1	233.385	Before	Right Exterior Girder	42.125	0.95	1	1	7.957598
Lane_str_inv	BOBJ1	233.385	After	Left Exterior Girder	42.125	0.95	1	1	7.81657
Lane_str_inv	BOBJ1	233.385	After	Interior Girder 1	42.125	0.95	1	1	6.658963
Lane_str_inv	BOBJ1	233.385	After	Interior Girder 2	42.125	0.95	1	1	6.580972
Lane_str_inv	BOBJ1	233.385	After	Interior Girder 3	42.125	0.95	1	1	6.635618
Lane_str_inv	BOBJ1	233.385	After	Interior Girder 4	42.125	0.95	1	1	6.635618
Lane_str_inv	BOBJ1	233.385	After	Interior Girder 5	42.125	0.95	1	1	6.580972
Lane_str_inv	BOBJ1	233.385	After	Interior Girder 6	42.125	0.95	1	1	6.658963
Lane_str_inv	BOBJ1	233.385	After	Right Exterior Girder	42.125	0.95	1	1	7.81657
Lane_str_inv	BOBJ1	241.81	Before	Left Exterior Girder	50.55	0.95	1	1	15.357891
Lane_str_inv	BOBJ1	241.81	Before	Interior Girder 1	50.55	0.95	1	1	12.888667
Lane_str_inv	BOBJ1	241.81	Before	Interior Girder 2	50.55	0.95	1	1	12.338841
Lane_str_inv	BOBJ1	241.81	Before	Interior Girder 3	50.55	0.95	1	1	12.512158
Lane_str_inv	BOBJ1	241.81	Before	Interior Girder 4	50.55	0.95	1	1	12.512158
Lane_str_inv	BOBJ1	241.81	Before	Interior Girder 5	50.55	0.95	1	1	12.338841
Lane_str_inv	BOBJ1	241.81	Before	Interior Girder 6	50.55	0.95	1	1	12.888667
Lane_str_inv	BOBJ1	241.81	Before	Right Exterior Girder	50.55	0.95	1	1	15.357891
Lane_str_inv	BOBJ1	241.81	After	Left Exterior Girder	50.55	0.95	1	1	14.915552
Lane_str_inv	BOBJ1	241.81	After	Interior Girder 1	50.55	0.95	1	1	13.238169
Lane_str_inv	BOBJ1	241.81	After	Interior Girder 2	50.55	0.95	1	1	12.377678
Lane_str_inv	BOBJ1	241.81	After	Interior Girder 3	50.55	0.95	1	1	12.432595
Lane_str_inv	BOBJ1	241.81	After	Interior Girder 4	50.55	0.95	1	1	12.432595
Lane_str_inv	BOBJ1	241.81	After	Interior Girder 5	50.55	0.95	1	1	12.377678
Lane_str_inv	BOBJ1	241.81	After	Interior Girder 6	50.55	0.95	1	1	13.238169
Lane_str_inv	BOBJ1	241.81	After	Right Exterior Girder	50.55	0.95	1	1	14.915552

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelINonCompStrgth-Flx - Approach, Span 7-11									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Lane_str_inv	BOBJ1	245.18	Before	Left Exterior Girder	53.92	0.95	1	1	15.201738
Lane_str_inv	BOBJ1	245.18	Before	Interior Girder 1	53.92	0.95	1	1	14.023799
Lane_str_inv	BOBJ1	245.18	Before	Interior Girder 2	53.92	0.95	1	1	13.116174
Lane_str_inv	BOBJ1	245.18	Before	Interior Girder 3	53.92	0.95	1	1	13.795595
Lane_str_inv	BOBJ1	245.18	Before	Interior Girder 4	53.92	0.95	1	1	13.795595
Lane_str_inv	BOBJ1	245.18	Before	Interior Girder 5	53.92	0.95	1	1	13.116174
Lane_str_inv	BOBJ1	245.18	Before	Interior Girder 6	53.92	0.95	1	1	14.023799
Lane_str_inv	BOBJ1	245.18	Before	Right Exterior Girder	53.92	0.95	1	1	15.201738
Lane_str_inv	BOBJ1	245.18	After	Left Exterior Girder	53.92	0.95	1	1	17.989482
Lane_str_inv	BOBJ1	245.18	After	Interior Girder 1	53.92	0.95	1	1	14.887625
Lane_str_inv	BOBJ1	245.18	After	Interior Girder 2	53.92	0.95	1	1	14.050617
Lane_str_inv	BOBJ1	245.18	After	Interior Girder 3	53.92	0.95	1	1	14.904477
Lane_str_inv	BOBJ1	245.18	After	Interior Girder 4	53.92	0.95	1	1	14.904477
Lane_str_inv	BOBJ1	245.18	After	Interior Girder 5	53.92	0.95	1	1	14.050617
Lane_str_inv	BOBJ1	245.18	After	Interior Girder 6	53.92	0.95	1	1	14.887625
Lane_str_inv	BOBJ1	245.18	After	Right Exterior Girder	53.92	0.95	1	1	17.989482
Lane_str_inv	BOBJ1	250.245	Before	Left Exterior Girder	58.985	0.95	1	1	9.876344
Lane_str_inv	BOBJ1	250.245	Before	Interior Girder 1	58.985	0.95	1	1	8.833765
Lane_str_inv	BOBJ1	250.245	Before	Interior Girder 2	58.985	0.95	1	1	8.525026
Lane_str_inv	BOBJ1	250.245	Before	Interior Girder 3	58.985	0.95	1	1	8.092415
Lane_str_inv	BOBJ1	250.245	Before	Interior Girder 4	58.985	0.95	1	1	8.092415
Lane_str_inv	BOBJ1	250.245	Before	Interior Girder 5	58.985	0.95	1	1	8.525026
Lane_str_inv	BOBJ1	250.245	Before	Interior Girder 6	58.985	0.95	1	1	8.833765
Lane_str_inv	BOBJ1	250.245	Before	Right Exterior Girder	58.985	0.95	1	1	9.876344
Lane_str_inv	BOBJ1	250.245	After	Left Exterior Girder	58.985	0.95	1	1	10.060606
Lane_str_inv	BOBJ1	250.245	After	Interior Girder 1	58.985	0.95	1	1	8.740133
Lane_str_inv	BOBJ1	250.245	After	Interior Girder 2	58.985	0.95	1	1	8.495195
Lane_str_inv	BOBJ1	250.245	After	Interior Girder 3	58.985	0.95	1	1	8.184838
Lane_str_inv	BOBJ1	250.245	After	Interior Girder 4	58.985	0.95	1	1	8.184838
Lane_str_inv	BOBJ1	250.245	After	Interior Girder 5	58.985	0.95	1	1	8.495195
Lane_str_inv	BOBJ1	250.245	After	Interior Girder 6	58.985	0.95	1	1	8.740133
Lane_str_inv	BOBJ1	250.245	After	Right Exterior Girder	58.985	0.95	1	1	10.060606
Lane_str_inv	BOBJ1	251.68	Before	Left Exterior Girder	60.42	0.95	1	1	7.814016
Lane_str_inv	BOBJ1	251.68	Before	Right Exterior Girder	60.42	0.95	1	1	7.814016
Lane_str_inv	BOBJ1	251.68	After	Left Exterior Girder	60.42	0.95	1	1	14.208284
Lane_str_inv	BOBJ1	251.68	After	Right Exterior Girder	60.42	0.95	1	1	14.208284
Lane_str_inv	BOBJ1	254.18	Before	Interior Girder 1	62.92	0.95	1	1	5.197359
Lane_str_inv	BOBJ1	254.18	Before	Interior Girder 2	62.92	0.95	1	1	5.201888
Lane_str_inv	BOBJ1	254.18	Before	Interior Girder 3	62.92	0.95	1	1	4.628791
Lane_str_inv	BOBJ1	254.18	Before	Interior Girder 4	62.92	0.95	1	1	4.628791
Lane_str_inv	BOBJ1	254.18	Before	Interior Girder 5	62.92	0.95	1	1	5.201888
Lane_str_inv	BOBJ1	254.18	Before	Interior Girder 6	62.92	0.95	1	1	5.197359
Lane_str_inv	BOBJ1	254.18	After	Interior Girder 1	62.92	0.95	1	1	6.522995
Lane_str_inv	BOBJ1	254.18	After	Interior Girder 2	62.92	0.95	1	1	6.412253
Lane_str_inv	BOBJ1	254.18	After	Interior Girder 3	62.92	0.95	1	1	5.832268
Lane_str_inv	BOBJ1	254.18	After	Interior Girder 4	62.92	0.95	1	1	5.832268
Lane_str_inv	BOBJ1	254.18	After	Interior Girder 5	62.92	0.95	1	1	6.412253
Lane_str_inv	BOBJ1	254.18	After	Interior Girder 6	62.92	0.95	1	1	6.522995
Lane_str_inv	BOBJ1	258.68	Before	Left Exterior Girder	67.42	0.95	1	1	5.798476
Lane_str_inv	BOBJ1	258.68	Before	Interior Girder 1	67.42	0.95	1	1	3.492942
Lane_str_inv	BOBJ1	258.68	Before	Interior Girder 2	67.42	0.95	1	1	3.610404
Lane_str_inv	BOBJ1	258.68	Before	Interior Girder 3	67.42	0.95	1	1	3.00988
Lane_str_inv	BOBJ1	258.68	Before	Interior Girder 4	67.42	0.95	1	1	3.00988
Lane_str_inv	BOBJ1	258.68	Before	Interior Girder 5	67.42	0.95	1	1	3.610404
Lane_str_inv	BOBJ1	258.68	Before	Interior Girder 6	67.42	0.95	1	1	3.492942
Lane_str_inv	BOBJ1	258.68	Before	Right Exterior Girder	67.42	0.95	1	1	5.798476
Lane_str_inv	BOBJ1	258.68	After	Left Exterior Girder	0	0.95	1	1	5.585904
Lane_str_inv	BOBJ1	258.68	After	Interior Girder 1	0	0.95	1	1	3.326037
Lane_str_inv	BOBJ1	258.68	After	Interior Girder 2	0	0.95	1	1	3.441341
Lane_str_inv	BOBJ1	258.68	After	Interior Girder 3	0	0.95	1	1	2.886408
Lane_str_inv	BOBJ1	258.68	After	Interior Girder 4	0	0.95	1	1	2.886408
Lane_str_inv	BOBJ1	258.68	After	Interior Girder 5	0	0.95	1	1	3.441341
Lane_str_inv	BOBJ1	258.68	After	Interior Girder 6	0	0.95	1	1	3.326037
Lane_str_inv	BOBJ1	258.68	After	Right Exterior Girder	0	0.95	1	1	5.585904
Lane_str_inv	BOBJ1	263.18	Before	Interior Girder 1	4.5	0.95	1	1	6.135318

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelINonCompStrgth-Flx - Approach, Span 7-11									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Lane_str_inv	BOBJ1	263.18	Before	Interior Girder 2	4.5	0.95	1	1	6.051606
Lane_str_inv	BOBJ1	263.18	Before	Interior Girder 3	4.5	0.95	1	1	5.59762
Lane_str_inv	BOBJ1	263.18	Before	Interior Girder 4	4.5	0.95	1	1	5.59762
Lane_str_inv	BOBJ1	263.18	Before	Interior Girder 5	4.5	0.95	1	1	6.051606
Lane_str_inv	BOBJ1	263.18	Before	Interior Girder 6	4.5	0.95	1	1	6.135318
Lane_str_inv	BOBJ1	263.18	After	Interior Girder 1	4.5	0.95	1	1	4.892298
Lane_str_inv	BOBJ1	263.18	After	Interior Girder 2	4.5	0.95	1	1	4.90215
Lane_str_inv	BOBJ1	263.18	After	Interior Girder 3	4.5	0.95	1	1	4.44907
Lane_str_inv	BOBJ1	263.18	After	Interior Girder 4	4.5	0.95	1	1	4.44907
Lane_str_inv	BOBJ1	263.18	After	Interior Girder 5	4.5	0.95	1	1	4.90215
Lane_str_inv	BOBJ1	263.18	After	Interior Girder 6	4.5	0.95	1	1	4.892298
Lane_str_inv	BOBJ1	265.68	Before	Left Exterior Girder	7	0.95	1	1	12.537008
Lane_str_inv	BOBJ1	265.68	Before	Right Exterior Girder	7	0.95	1	1	12.537008
Lane_str_inv	BOBJ1	265.68	After	Left Exterior Girder	7	0.95	1	1	6.916536
Lane_str_inv	BOBJ1	265.68	After	Right Exterior Girder	7	0.95	1	1	6.916536
Lane_str_inv	BOBJ1	268.08	Before	Left Exterior Girder	9.4	0.95	1	1	9.345804
Lane_str_inv	BOBJ1	268.08	Before	Interior Girder 1	9.4	0.95	1	1	8.433332
Lane_str_inv	BOBJ1	268.08	Before	Interior Girder 2	9.4	0.95	1	1	8.309353
Lane_str_inv	BOBJ1	268.08	Before	Interior Girder 3	9.4	0.95	1	1	8.386568
Lane_str_inv	BOBJ1	268.08	Before	Interior Girder 4	9.4	0.95	1	1	8.386568
Lane_str_inv	BOBJ1	268.08	Before	Interior Girder 5	9.4	0.95	1	1	8.309353
Lane_str_inv	BOBJ1	268.08	Before	Interior Girder 6	9.4	0.95	1	1	8.433332
Lane_str_inv	BOBJ1	268.08	Before	Right Exterior Girder	9.4	0.95	1	1	9.345804
Lane_str_inv	BOBJ1	268.08	After	Left Exterior Girder	9.4	0.95	1	1	9.008844
Lane_str_inv	BOBJ1	268.08	After	Interior Girder 1	9.4	0.95	1	1	8.588092
Lane_str_inv	BOBJ1	268.08	After	Interior Girder 2	9.4	0.95	1	1	8.291015
Lane_str_inv	BOBJ1	268.08	After	Interior Girder 3	9.4	0.95	1	1	8.249855
Lane_str_inv	BOBJ1	268.08	After	Interior Girder 4	9.4	0.95	1	1	8.249855
Lane_str_inv	BOBJ1	268.08	After	Interior Girder 5	9.4	0.95	1	1	8.291015
Lane_str_inv	BOBJ1	268.08	After	Interior Girder 6	9.4	0.95	1	1	8.588092
Lane_str_inv	BOBJ1	268.08	After	Right Exterior Girder	9.4	0.95	1	1	9.008844
Lane_str_inv	BOBJ1	277.48	Before	Left Exterior Girder	18.8	0.95	1	1	10.134227
Lane_str_inv	BOBJ1	277.48	Before	Interior Girder 1	18.8	0.95	1	1	9.037701
Lane_str_inv	BOBJ1	277.48	Before	Interior Girder 2	18.8	0.95	1	1	8.597202
Lane_str_inv	BOBJ1	277.48	Before	Interior Girder 3	18.8	0.95	1	1	8.739867
Lane_str_inv	BOBJ1	277.48	Before	Interior Girder 4	18.8	0.95	1	1	8.739867
Lane_str_inv	BOBJ1	277.48	Before	Interior Girder 5	18.8	0.95	1	1	8.597202
Lane_str_inv	BOBJ1	277.48	Before	Interior Girder 6	18.8	0.95	1	1	9.037701
Lane_str_inv	BOBJ1	277.48	Before	Right Exterior Girder	18.8	0.95	1	1	10.134227
Lane_str_inv	BOBJ1	277.48	After	Left Exterior Girder	18.8	0.95	1	1	10.278179
Lane_str_inv	BOBJ1	277.48	After	Interior Girder 1	18.8	0.95	1	1	8.871153
Lane_str_inv	BOBJ1	277.48	After	Interior Girder 2	18.8	0.95	1	1	8.609797
Lane_str_inv	BOBJ1	277.48	After	Interior Girder 3	18.8	0.95	1	1	8.815477
Lane_str_inv	BOBJ1	277.48	After	Interior Girder 4	18.8	0.95	1	1	8.815477
Lane_str_inv	BOBJ1	277.48	After	Interior Girder 5	18.8	0.95	1	1	8.609797
Lane_str_inv	BOBJ1	277.48	After	Interior Girder 6	18.8	0.95	1	1	8.871153
Lane_str_inv	BOBJ1	277.48	After	Right Exterior Girder	18.8	0.95	1	1	10.278179
Lane_str_inv	BOBJ1	286.88	Before	Left Exterior Girder	28.2	0.95	1	1	7.515312
Lane_str_inv	BOBJ1	286.88	Before	Interior Girder 1	28.2	0.95	1	1	5.874403
Lane_str_inv	BOBJ1	286.88	Before	Interior Girder 2	28.2	0.95	1	1	5.843292
Lane_str_inv	BOBJ1	286.88	Before	Interior Girder 3	28.2	0.95	1	1	5.899052
Lane_str_inv	BOBJ1	286.88	Before	Interior Girder 4	28.2	0.95	1	1	5.899052
Lane_str_inv	BOBJ1	286.88	Before	Interior Girder 5	28.2	0.95	1	1	5.843292
Lane_str_inv	BOBJ1	286.88	Before	Interior Girder 6	28.2	0.95	1	1	5.874403
Lane_str_inv	BOBJ1	286.88	Before	Right Exterior Girder	28.2	0.95	1	1	7.515312
Lane_str_inv	BOBJ1	286.88	After	Left Exterior Girder	28.2	0.95	1	1	7.538897
Lane_str_inv	BOBJ1	286.88	After	Interior Girder 1	28.2	0.95	1	1	5.853728
Lane_str_inv	BOBJ1	286.88	After	Interior Girder 2	28.2	0.95	1	1	5.837827
Lane_str_inv	BOBJ1	286.88	After	Interior Girder 3	28.2	0.95	1	1	5.921026
Lane_str_inv	BOBJ1	286.88	After	Interior Girder 4	28.2	0.95	1	1	5.921026
Lane_str_inv	BOBJ1	286.88	After	Interior Girder 5	28.2	0.95	1	1	5.837827
Lane_str_inv	BOBJ1	286.88	After	Interior Girder 6	28.2	0.95	1	1	5.853728
Lane_str_inv	BOBJ1	286.88	After	Right Exterior Girder	28.2	0.95	1	1	7.538897
Lane_str_inv	BOBJ1	296.28	Before	Left Exterior Girder	37.6	0.95	1	1	7.335697
Lane_str_inv	BOBJ1	296.28	Before	Interior Girder 1	37.6	0.95	1	1	6.346412

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelINonCompStrgth-Flx - Approach, Span 7-11									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Lane_str_inv	BOBJ1	296.28	Before	Interior Girder 2	37.6	0.95	1	1	6.179208
Lane_str_inv	BOBJ1	296.28	Before	Interior Girder 3	37.6	0.95	1	1	6.320587
Lane_str_inv	BOBJ1	296.28	Before	Interior Girder 4	37.6	0.95	1	1	6.320587
Lane_str_inv	BOBJ1	296.28	Before	Interior Girder 5	37.6	0.95	1	1	6.179208
Lane_str_inv	BOBJ1	296.28	Before	Interior Girder 6	37.6	0.95	1	1	6.346412
Lane_str_inv	BOBJ1	296.28	Before	Right Exterior Girder	37.6	0.95	1	1	7.335697
Lane_str_inv	BOBJ1	296.28	After	Left Exterior Girder	37.6	0.95	1	1	7.252201
Lane_str_inv	BOBJ1	296.28	After	Interior Girder 1	37.6	0.95	1	1	6.422948
Lane_str_inv	BOBJ1	296.28	After	Interior Girder 2	37.6	0.95	1	1	6.166258
Lane_str_inv	BOBJ1	296.28	After	Interior Girder 3	37.6	0.95	1	1	6.245547
Lane_str_inv	BOBJ1	296.28	After	Interior Girder 4	37.6	0.95	1	1	6.245547
Lane_str_inv	BOBJ1	296.28	After	Interior Girder 5	37.6	0.95	1	1	6.166258
Lane_str_inv	BOBJ1	296.28	After	Interior Girder 6	37.6	0.95	1	1	6.422948
Lane_str_inv	BOBJ1	296.28	After	Right Exterior Girder	37.6	0.95	1	1	7.252201
Lane_str_inv	BOBJ1	305.69	Before	Left Exterior Girder	47.01	0.95	1	1	14.505042
Lane_str_inv	BOBJ1	305.69	Before	Interior Girder 1	47.01	0.95	1	1	9.989643
Lane_str_inv	BOBJ1	305.69	Before	Interior Girder 2	47.01	0.95	1	1	10.178518
Lane_str_inv	BOBJ1	305.69	Before	Interior Girder 3	47.01	0.95	1	1	10.190887
Lane_str_inv	BOBJ1	305.69	Before	Interior Girder 4	47.01	0.95	1	1	10.190887
Lane_str_inv	BOBJ1	305.69	Before	Interior Girder 5	47.01	0.95	1	1	10.178518
Lane_str_inv	BOBJ1	305.69	Before	Interior Girder 6	47.01	0.95	1	1	9.989643
Lane_str_inv	BOBJ1	305.69	Before	Right Exterior Girder	47.01	0.95	1	1	14.505042
Lane_str_inv	BOBJ1	305.69	After	Left Exterior Girder	47.01	0.95	1	1	14.548808
Lane_str_inv	BOBJ1	305.69	After	Interior Girder 1	47.01	0.95	1	1	10.072604
Lane_str_inv	BOBJ1	305.69	After	Interior Girder 2	47.01	0.95	1	1	10.033502
Lane_str_inv	BOBJ1	305.69	After	Interior Girder 3	47.01	0.95	1	1	9.838295
Lane_str_inv	BOBJ1	305.69	After	Interior Girder 4	47.01	0.95	1	1	9.838295
Lane_str_inv	BOBJ1	305.69	After	Interior Girder 5	47.01	0.95	1	1	10.033502
Lane_str_inv	BOBJ1	305.69	After	Interior Girder 6	47.01	0.95	1	1	10.072604
Lane_str_inv	BOBJ1	305.69	After	Right Exterior Girder	47.01	0.95	1	1	14.548808
Lane_str_inv	BOBJ1	315.1	Before	Left Exterior Girder	56.42	0.95	1	1	933.330041
Lane_str_inv	BOBJ1	315.1	Before	Interior Girder 1	56.42	0.95	1	1	979.775006
Lane_str_inv	BOBJ1	315.1	Before	Interior Girder 2	56.42	0.95	1	1	944.364371
Lane_str_inv	BOBJ1	315.1	Before	Interior Girder 3	56.42	0.95	1	1	681.456447
Lane_str_inv	BOBJ1	315.1	Before	Interior Girder 4	56.42	0.95	1	1	681.456444
Lane_str_inv	BOBJ1	315.1	Before	Interior Girder 5	56.42	0.95	1	1	944.364373
Lane_str_inv	BOBJ1	315.1	Before	Interior Girder 6	56.42	0.95	1	1	979.775003
Lane_str_inv	BOBJ1	315.1	Before	Right Exterior Girder	56.42	0.95	1	1	933.330041
SU4_str	BOBJ1	0	After	Left Exterior Girder	0	0.95	1	1	330.208231
SU4_str	BOBJ1	0	After	Interior Girder 1	0	0.95	1	1	279.220349
SU4_str	BOBJ1	0	After	Interior Girder 2	0	0.95	1	1	221.728122
SU4_str	BOBJ1	0	After	Interior Girder 3	0	0.95	1	1	155.321298
SU4_str	BOBJ1	0	After	Interior Girder 4	0	0.95	1	1	155.321297
SU4_str	BOBJ1	0	After	Interior Girder 5	0	0.95	1	1	221.728122
SU4_str	BOBJ1	0	After	Interior Girder 6	0	0.95	1	1	279.220353
SU4_str	BOBJ1	0	After	Right Exterior Girder	0	0.95	1	1	330.208231
SU4_str	BOBJ1	9.4	Before	Left Exterior Girder	9.4	0.95	1	1	4.287175
SU4_str	BOBJ1	9.4	Before	Interior Girder 1	9.4	0.95	1	1	2.903445
SU4_str	BOBJ1	9.4	Before	Interior Girder 2	9.4	0.95	1	1	2.724079
SU4_str	BOBJ1	9.4	Before	Interior Girder 3	9.4	0.95	1	1	2.508473
SU4_str	BOBJ1	9.4	Before	Interior Girder 4	9.4	0.95	1	1	2.508473
SU4_str	BOBJ1	9.4	Before	Interior Girder 5	9.4	0.95	1	1	2.724079
SU4_str	BOBJ1	9.4	Before	Interior Girder 6	9.4	0.95	1	1	2.903445
SU4_str	BOBJ1	9.4	Before	Right Exterior Girder	9.4	0.95	1	1	4.287175
SU4_str	BOBJ1	9.4	After	Left Exterior Girder	9.4	0.95	1	1	4.299706
SU4_str	BOBJ1	9.4	After	Interior Girder 1	9.4	0.95	1	1	2.893147
SU4_str	BOBJ1	9.4	After	Interior Girder 2	9.4	0.95	1	1	2.774034
SU4_str	BOBJ1	9.4	After	Interior Girder 3	9.4	0.95	1	1	2.601744
SU4_str	BOBJ1	9.4	After	Interior Girder 4	9.4	0.95	1	1	2.601744
SU4_str	BOBJ1	9.4	After	Interior Girder 5	9.4	0.95	1	1	2.774034
SU4_str	BOBJ1	9.4	After	Interior Girder 6	9.4	0.95	1	1	2.893147
SU4_str	BOBJ1	9.4	After	Right Exterior Girder	9.4	0.95	1	1	4.299706
SU4_str	BOBJ1	18.8	Before	Left Exterior Girder	18.8	0.95	1	1	2.344277
SU4_str	BOBJ1	18.8	Before	Interior Girder 1	18.8	0.95	1	1	2.056926
SU4_str	BOBJ1	18.8	Before	Interior Girder 2	18.8	0.95	1	1	1.951121

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelINonCompStrgth-Flx - Approach, Span 7-11									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
SU4_str	BOBJ1	18.8	Before	Interior Girder 3	18.8	0.95	1	1	1.920665
SU4_str	BOBJ1	18.8	Before	Interior Girder 4	18.8	0.95	1	1	1.920665
SU4_str	BOBJ1	18.8	Before	Interior Girder 5	18.8	0.95	1	1	1.951121
SU4_str	BOBJ1	18.8	Before	Interior Girder 6	18.8	0.95	1	1	2.056926
SU4_str	BOBJ1	18.8	Before	Right Exterior Girder	18.8	0.95	1	1	2.344277
SU4_str	BOBJ1	18.8	After	Left Exterior Girder	18.8	0.95	1	1	2.372867
SU4_str	BOBJ1	18.8	After	Interior Girder 1	18.8	0.95	1	1	2.036741
SU4_str	BOBJ1	18.8	After	Interior Girder 2	18.8	0.95	1	1	1.953754
SU4_str	BOBJ1	18.8	After	Interior Girder 3	18.8	0.95	1	1	1.933965
SU4_str	BOBJ1	18.8	After	Interior Girder 4	18.8	0.95	1	1	1.933965
SU4_str	BOBJ1	18.8	After	Interior Girder 5	18.8	0.95	1	1	1.953754
SU4_str	BOBJ1	18.8	After	Interior Girder 6	18.8	0.95	1	1	2.036741
SU4_str	BOBJ1	18.8	After	Right Exterior Girder	18.8	0.95	1	1	2.372867
SU4_str	BOBJ1	28.2	Before	Left Exterior Girder	28.2	0.95	1	1	2.592703
SU4_str	BOBJ1	28.2	Before	Interior Girder 1	28.2	0.95	1	1	1.932092
SU4_str	BOBJ1	28.2	Before	Interior Girder 2	28.2	0.95	1	1	1.875822
SU4_str	BOBJ1	28.2	Before	Interior Girder 3	28.2	0.95	1	1	1.813693
SU4_str	BOBJ1	28.2	Before	Interior Girder 4	28.2	0.95	1	1	1.813693
SU4_str	BOBJ1	28.2	Before	Interior Girder 5	28.2	0.95	1	1	1.875822
SU4_str	BOBJ1	28.2	Before	Interior Girder 6	28.2	0.95	1	1	1.932092
SU4_str	BOBJ1	28.2	Before	Right Exterior Girder	28.2	0.95	1	1	2.592703
SU4_str	BOBJ1	28.2	After	Left Exterior Girder	28.2	0.95	1	1	2.579658
SU4_str	BOBJ1	28.2	After	Interior Girder 1	28.2	0.95	1	1	1.941097
SU4_str	BOBJ1	28.2	After	Interior Girder 2	28.2	0.95	1	1	1.875039
SU4_str	BOBJ1	28.2	After	Interior Girder 3	28.2	0.95	1	1	1.806786
SU4_str	BOBJ1	28.2	After	Interior Girder 4	28.2	0.95	1	1	1.806786
SU4_str	BOBJ1	28.2	After	Interior Girder 5	28.2	0.95	1	1	1.875039
SU4_str	BOBJ1	28.2	After	Interior Girder 6	28.2	0.95	1	1	1.941097
SU4_str	BOBJ1	28.2	After	Right Exterior Girder	28.2	0.95	1	1	2.579658
SU4_str	BOBJ1	37.6	Before	Left Exterior Girder	37.6	0.95	1	1	3.761947
SU4_str	BOBJ1	37.6	Before	Interior Girder 1	37.6	0.95	1	1	3.008643
SU4_str	BOBJ1	37.6	Before	Interior Girder 2	37.6	0.95	1	1	2.819576
SU4_str	BOBJ1	37.6	Before	Interior Girder 3	37.6	0.95	1	1	2.7666
SU4_str	BOBJ1	37.6	Before	Interior Girder 4	37.6	0.95	1	1	2.7666
SU4_str	BOBJ1	37.6	Before	Interior Girder 5	37.6	0.95	1	1	2.819576
SU4_str	BOBJ1	37.6	Before	Interior Girder 6	37.6	0.95	1	1	3.008643
SU4_str	BOBJ1	37.6	Before	Right Exterior Girder	37.6	0.95	1	1	3.761947
SU4_str	BOBJ1	37.6	After	Left Exterior Girder	37.6	0.95	1	1	3.681356
SU4_str	BOBJ1	37.6	After	Interior Girder 1	37.6	0.95	1	1	3.061155
SU4_str	BOBJ1	37.6	After	Interior Girder 2	37.6	0.95	1	1	2.817972
SU4_str	BOBJ1	37.6	After	Interior Girder 3	37.6	0.95	1	1	2.734491
SU4_str	BOBJ1	37.6	After	Interior Girder 4	37.6	0.95	1	1	2.734491
SU4_str	BOBJ1	37.6	After	Interior Girder 5	37.6	0.95	1	1	2.817972
SU4_str	BOBJ1	37.6	After	Interior Girder 6	37.6	0.95	1	1	3.061155
SU4_str	BOBJ1	37.6	After	Right Exterior Girder	37.6	0.95	1	1	3.681356
SU4_str	BOBJ1	47.01	Before	Left Exterior Girder	47.01	0.95	1	1	3.946757
SU4_str	BOBJ1	47.01	Before	Interior Girder 1	47.01	0.95	1	1	4.160463
SU4_str	BOBJ1	47.01	Before	Interior Girder 2	47.01	0.95	1	1	4.12936
SU4_str	BOBJ1	47.01	Before	Interior Girder 3	47.01	0.95	1	1	4.019216
SU4_str	BOBJ1	47.01	Before	Interior Girder 4	47.01	0.95	1	1	4.019216
SU4_str	BOBJ1	47.01	Before	Interior Girder 5	47.01	0.95	1	1	4.12936
SU4_str	BOBJ1	47.01	Before	Interior Girder 6	47.01	0.95	1	1	4.160463
SU4_str	BOBJ1	47.01	Before	Right Exterior Girder	47.01	0.95	1	1	3.946757
SU4_str	BOBJ1	47.01	After	Left Exterior Girder	47.01	0.95	1	1	4.044675
SU4_str	BOBJ1	47.01	After	Interior Girder 1	47.01	0.95	1	1	4.080233
SU4_str	BOBJ1	47.01	After	Interior Girder 2	47.01	0.95	1	1	4.073761
SU4_str	BOBJ1	47.01	After	Interior Girder 3	47.01	0.95	1	1	4.003348
SU4_str	BOBJ1	47.01	After	Interior Girder 4	47.01	0.95	1	1	4.003348
SU4_str	BOBJ1	47.01	After	Interior Girder 5	47.01	0.95	1	1	4.073761
SU4_str	BOBJ1	47.01	After	Interior Girder 6	47.01	0.95	1	1	4.080233
SU4_str	BOBJ1	47.01	After	Right Exterior Girder	47.01	0.95	1	1	4.044675
SU4_str	BOBJ1	49.42	Before	Left Exterior Girder	49.42	0.95	1	1	3.27092
SU4_str	BOBJ1	49.42	Before	Right Exterior Girder	49.42	0.95	1	1	3.27092
SU4_str	BOBJ1	49.42	After	Left Exterior Girder	49.42	0.95	1	1	5.939749
SU4_str	BOBJ1	49.42	After	Right Exterior Girder	49.42	0.95	1	1	5.939749

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelINonCompStrgth-Flx - Approach, Span 7-11									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
SU4_str	BOBJ1	51.92	Before	Interior Girder 1	51.92	0.95	1	1	2.980363
SU4_str	BOBJ1	51.92	Before	Interior Girder 2	51.92	0.95	1	1	2.990735
SU4_str	BOBJ1	51.92	Before	Interior Girder 3	51.92	0.95	1	1	2.76839
SU4_str	BOBJ1	51.92	Before	Interior Girder 4	51.92	0.95	1	1	2.76839
SU4_str	BOBJ1	51.92	Before	Interior Girder 5	51.92	0.95	1	1	2.990735
SU4_str	BOBJ1	51.92	Before	Interior Girder 6	51.92	0.95	1	1	2.980363
SU4_str	BOBJ1	51.92	After	Interior Girder 1	51.92	0.95	1	1	3.749415
SU4_str	BOBJ1	51.92	After	Interior Girder 2	51.92	0.95	1	1	3.656299
SU4_str	BOBJ1	51.92	After	Interior Girder 3	51.92	0.95	1	1	3.433273
SU4_str	BOBJ1	51.92	After	Interior Girder 4	51.92	0.95	1	1	3.433273
SU4_str	BOBJ1	51.92	After	Interior Girder 5	51.92	0.95	1	1	3.656299
SU4_str	BOBJ1	51.92	After	Interior Girder 6	51.92	0.95	1	1	3.749415
SU4_str	BOBJ1	56.42	Before	Left Exterior Girder	56.42	0.95	1	1	3.715103
SU4_str	BOBJ1	56.42	Before	Interior Girder 1	56.42	0.95	1	1	2.657716
SU4_str	BOBJ1	56.42	Before	Interior Girder 2	56.42	0.95	1	1	2.53198
SU4_str	BOBJ1	56.42	Before	Interior Girder 3	56.42	0.95	1	1	2.035949
SU4_str	BOBJ1	56.42	Before	Interior Girder 4	56.42	0.95	1	1	2.035949
SU4_str	BOBJ1	56.42	Before	Interior Girder 5	56.42	0.95	1	1	2.53198
SU4_str	BOBJ1	56.42	Before	Interior Girder 6	56.42	0.95	1	1	2.657716
SU4_str	BOBJ1	56.42	Before	Right Exterior Girder	56.42	0.95	1	1	3.715103
SU4_str	BOBJ1	56.42	After	Left Exterior Girder	0	0.95	1	1	3.80829
SU4_str	BOBJ1	56.42	After	Interior Girder 1	0	0.95	1	1	2.642023
SU4_str	BOBJ1	56.42	After	Interior Girder 2	0	0.95	1	1	2.564707
SU4_str	BOBJ1	56.42	After	Interior Girder 3	0	0.95	1	1	2.10463
SU4_str	BOBJ1	56.42	After	Interior Girder 4	0	0.95	1	1	2.10463
SU4_str	BOBJ1	56.42	After	Interior Girder 5	0	0.95	1	1	2.564707
SU4_str	BOBJ1	56.42	After	Interior Girder 6	0	0.95	1	1	2.642023
SU4_str	BOBJ1	56.42	After	Right Exterior Girder	0	0.95	1	1	3.80829
SU4_str	BOBJ1	60.92	Before	Interior Girder 1	4.5	0.95	1	1	4.447218
SU4_str	BOBJ1	60.92	Before	Interior Girder 2	4.5	0.95	1	1	4.210137
SU4_str	BOBJ1	60.92	Before	Interior Girder 3	4.5	0.95	1	1	3.8351
SU4_str	BOBJ1	60.92	Before	Interior Girder 4	4.5	0.95	1	1	3.8351
SU4_str	BOBJ1	60.92	Before	Interior Girder 5	4.5	0.95	1	1	4.210137
SU4_str	BOBJ1	60.92	Before	Interior Girder 6	4.5	0.95	1	1	4.447218
SU4_str	BOBJ1	60.92	After	Interior Girder 1	4.5	0.95	1	1	3.560265
SU4_str	BOBJ1	60.92	After	Interior Girder 2	4.5	0.95	1	1	3.453792
SU4_str	BOBJ1	60.92	After	Interior Girder 3	4.5	0.95	1	1	3.107736
SU4_str	BOBJ1	60.92	After	Interior Girder 4	4.5	0.95	1	1	3.107736
SU4_str	BOBJ1	60.92	After	Interior Girder 5	4.5	0.95	1	1	3.453792
SU4_str	BOBJ1	60.92	After	Interior Girder 6	4.5	0.95	1	1	3.560265
SU4_str	BOBJ1	63.42	Before	Left Exterior Girder	7	0.95	1	1	7.395296
SU4_str	BOBJ1	63.42	Before	Right Exterior Girder	7	0.95	1	1	7.395296
SU4_str	BOBJ1	63.42	After	Left Exterior Girder	7	0.95	1	1	4.060593
SU4_str	BOBJ1	63.42	After	Right Exterior Girder	7	0.95	1	1	4.060593
SU4_str	BOBJ1	64.845	Before	Left Exterior Girder	8.425	0.95	1	1	4.57963
SU4_str	BOBJ1	64.845	Before	Interior Girder 1	8.425	0.95	1	1	4.579596
SU4_str	BOBJ1	64.845	Before	Interior Girder 2	8.425	0.95	1	1	4.40877
SU4_str	BOBJ1	64.845	Before	Interior Girder 3	8.425	0.95	1	1	4.267135
SU4_str	BOBJ1	64.845	Before	Interior Girder 4	8.425	0.95	1	1	4.267135
SU4_str	BOBJ1	64.845	Before	Interior Girder 5	8.425	0.95	1	1	4.40877
SU4_str	BOBJ1	64.845	Before	Interior Girder 6	8.425	0.95	1	1	4.579596
SU4_str	BOBJ1	64.845	Before	Right Exterior Girder	8.425	0.95	1	1	4.57963
SU4_str	BOBJ1	64.845	After	Left Exterior Girder	8.425	0.95	1	1	4.527567
SU4_str	BOBJ1	64.845	After	Interior Girder 1	8.425	0.95	1	1	4.63359
SU4_str	BOBJ1	64.845	After	Interior Girder 2	8.425	0.95	1	1	4.458383
SU4_str	BOBJ1	64.845	After	Interior Girder 3	8.425	0.95	1	1	4.294302
SU4_str	BOBJ1	64.845	After	Interior Girder 4	8.425	0.95	1	1	4.294302
SU4_str	BOBJ1	64.845	After	Interior Girder 5	8.425	0.95	1	1	4.458383
SU4_str	BOBJ1	64.845	After	Interior Girder 6	8.425	0.95	1	1	4.63359
SU4_str	BOBJ1	64.845	After	Right Exterior Girder	8.425	0.95	1	1	4.527567
SU4_str	BOBJ1	69.92	Before	Left Exterior Girder	13.5	0.95	1	1	6.383794
SU4_str	BOBJ1	69.92	Before	Interior Girder 1	13.5	0.95	1	1	4.883487
SU4_str	BOBJ1	69.92	Before	Interior Girder 2	13.5	0.95	1	1	4.408108
SU4_str	BOBJ1	69.92	Before	Interior Girder 3	13.5	0.95	1	1	4.275844
SU4_str	BOBJ1	69.92	Before	Interior Girder 4	13.5	0.95	1	1	4.275844

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelINonCompStrgth-Flx - Approach, Span 7-11									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
SU4_str	BOBJ1	69.92	Before	Interior Girder 5	13.5	0.95	1	1	4.408108
SU4_str	BOBJ1	69.92	Before	Interior Girder 6	13.5	0.95	1	1	4.883487
SU4_str	BOBJ1	69.92	Before	Right Exterior Girder	13.5	0.95	1	1	6.383794
SU4_str	BOBJ1	69.92	After	Left Exterior Girder	13.5	0.95	1	1	5.4579
SU4_str	BOBJ1	69.92	After	Interior Girder 1	13.5	0.95	1	1	4.566774
SU4_str	BOBJ1	69.92	After	Interior Girder 2	13.5	0.95	1	1	4.146209
SU4_str	BOBJ1	69.92	After	Interior Girder 3	13.5	0.95	1	1	4.063669
SU4_str	BOBJ1	69.92	After	Interior Girder 4	13.5	0.95	1	1	4.063669
SU4_str	BOBJ1	69.92	After	Interior Girder 5	13.5	0.95	1	1	4.146209
SU4_str	BOBJ1	69.92	After	Interior Girder 6	13.5	0.95	1	1	4.566774
SU4_str	BOBJ1	69.92	After	Right Exterior Girder	13.5	0.95	1	1	5.4579
SU4_str	BOBJ1	73.27	Before	Left Exterior Girder	16.85	0.95	1	1	4.462553
SU4_str	BOBJ1	73.27	Before	Interior Girder 1	16.85	0.95	1	1	3.618313
SU4_str	BOBJ1	73.27	Before	Interior Girder 2	16.85	0.95	1	1	3.306037
SU4_str	BOBJ1	73.27	Before	Interior Girder 3	16.85	0.95	1	1	3.22203
SU4_str	BOBJ1	73.27	Before	Interior Girder 4	16.85	0.95	1	1	3.22203
SU4_str	BOBJ1	73.27	Before	Interior Girder 5	16.85	0.95	1	1	3.306037
SU4_str	BOBJ1	73.27	Before	Interior Girder 6	16.85	0.95	1	1	3.618313
SU4_str	BOBJ1	73.27	Before	Right Exterior Girder	16.85	0.95	1	1	4.462553
SU4_str	BOBJ1	73.27	After	Left Exterior Girder	16.85	0.95	1	1	4.568693
SU4_str	BOBJ1	73.27	After	Interior Girder 1	16.85	0.95	1	1	3.5557
SU4_str	BOBJ1	73.27	After	Interior Girder 2	16.85	0.95	1	1	3.285423
SU4_str	BOBJ1	73.27	After	Interior Girder 3	16.85	0.95	1	1	3.232395
SU4_str	BOBJ1	73.27	After	Interior Girder 4	16.85	0.95	1	1	3.232395
SU4_str	BOBJ1	73.27	After	Interior Girder 5	16.85	0.95	1	1	3.285423
SU4_str	BOBJ1	73.27	After	Interior Girder 6	16.85	0.95	1	1	3.5557
SU4_str	BOBJ1	73.27	After	Right Exterior Girder	16.85	0.95	1	1	4.568693
SU4_str	BOBJ1	81.695	Before	Left Exterior Girder	25.275	0.95	1	1	2.730002
SU4_str	BOBJ1	81.695	Before	Interior Girder 1	25.275	0.95	1	1	2.150255
SU4_str	BOBJ1	81.695	Before	Interior Girder 2	25.275	0.95	1	1	2.071972
SU4_str	BOBJ1	81.695	Before	Interior Girder 3	25.275	0.95	1	1	1.997563
SU4_str	BOBJ1	81.695	Before	Interior Girder 4	25.275	0.95	1	1	1.997563
SU4_str	BOBJ1	81.695	Before	Interior Girder 5	25.275	0.95	1	1	2.071972
SU4_str	BOBJ1	81.695	Before	Interior Girder 6	25.275	0.95	1	1	2.150255
SU4_str	BOBJ1	81.695	Before	Right Exterior Girder	25.275	0.95	1	1	2.730002
SU4_str	BOBJ1	81.695	After	Left Exterior Girder	25.275	0.95	1	1	2.77086
SU4_str	BOBJ1	81.695	After	Interior Girder 1	25.275	0.95	1	1	2.128131
SU4_str	BOBJ1	81.695	After	Interior Girder 2	25.275	0.95	1	1	2.067845
SU4_str	BOBJ1	81.695	After	Interior Girder 3	25.275	0.95	1	1	2.012855
SU4_str	BOBJ1	81.695	After	Interior Girder 4	25.275	0.95	1	1	2.012855
SU4_str	BOBJ1	81.695	After	Interior Girder 5	25.275	0.95	1	1	2.067845
SU4_str	BOBJ1	81.695	After	Interior Girder 6	25.275	0.95	1	1	2.128131
SU4_str	BOBJ1	81.695	After	Right Exterior Girder	25.275	0.95	1	1	2.77086
SU4_str	BOBJ1	90.12	Before	Left Exterior Girder	33.7	0.95	1	1	2.172327
SU4_str	BOBJ1	90.12	Before	Interior Girder 1	33.7	0.95	1	1	1.99652
SU4_str	BOBJ1	90.12	Before	Interior Girder 2	33.7	0.95	1	1	1.945377
SU4_str	BOBJ1	90.12	Before	Interior Girder 3	33.7	0.95	1	1	1.950595
SU4_str	BOBJ1	90.12	Before	Interior Girder 4	33.7	0.95	1	1	1.950595
SU4_str	BOBJ1	90.12	Before	Interior Girder 5	33.7	0.95	1	1	1.945377
SU4_str	BOBJ1	90.12	Before	Interior Girder 6	33.7	0.95	1	1	1.99652
SU4_str	BOBJ1	90.12	Before	Right Exterior Girder	33.7	0.95	1	1	2.172327
SU4_str	BOBJ1	90.12	After	Left Exterior Girder	33.7	0.95	1	1	2.173815
SU4_str	BOBJ1	90.12	After	Interior Girder 1	33.7	0.95	1	1	1.996595
SU4_str	BOBJ1	90.12	After	Interior Girder 2	33.7	0.95	1	1	1.943746
SU4_str	BOBJ1	90.12	After	Interior Girder 3	33.7	0.95	1	1	1.950038
SU4_str	BOBJ1	90.12	After	Interior Girder 4	33.7	0.95	1	1	1.950038
SU4_str	BOBJ1	90.12	After	Interior Girder 5	33.7	0.95	1	1	1.943746
SU4_str	BOBJ1	90.12	After	Interior Girder 6	33.7	0.95	1	1	1.996595
SU4_str	BOBJ1	90.12	After	Right Exterior Girder	33.7	0.95	1	1	2.173815
SU4_str	BOBJ1	98.545	Before	Left Exterior Girder	42.125	0.95	1	1	2.694899
SU4_str	BOBJ1	98.545	Before	Interior Girder 1	42.125	0.95	1	1	2.101813
SU4_str	BOBJ1	98.545	Before	Interior Girder 2	42.125	0.95	1	1	2.050659
SU4_str	BOBJ1	98.545	Before	Interior Girder 3	42.125	0.95	1	1	2.000164
SU4_str	BOBJ1	98.545	Before	Interior Girder 4	42.125	0.95	1	1	2.000164
SU4_str	BOBJ1	98.545	Before	Interior Girder 5	42.125	0.95	1	1	2.050659

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelINonCompStrgth-Flx - Approach, Span 7-11									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
SU4_str	BOBJ1	98.545	Before	Interior Girder 6	42.125	0.95	1	1	2.101813
SU4_str	BOBJ1	98.545	Before	Right Exterior Girder	42.125	0.95	1	1	2.694899
SU4_str	BOBJ1	98.545	After	Left Exterior Girder	42.125	0.95	1	1	2.662192
SU4_str	BOBJ1	98.545	After	Interior Girder 1	42.125	0.95	1	1	2.121757
SU4_str	BOBJ1	98.545	After	Interior Girder 2	42.125	0.95	1	1	2.053493
SU4_str	BOBJ1	98.545	After	Interior Girder 3	42.125	0.95	1	1	1.985692
SU4_str	BOBJ1	98.545	After	Interior Girder 4	42.125	0.95	1	1	1.985692
SU4_str	BOBJ1	98.545	After	Interior Girder 5	42.125	0.95	1	1	2.053493
SU4_str	BOBJ1	98.545	After	Interior Girder 6	42.125	0.95	1	1	2.121757
SU4_str	BOBJ1	98.545	After	Right Exterior Girder	42.125	0.95	1	1	2.662192
SU4_str	BOBJ1	106.97	Before	Left Exterior Girder	50.55	0.95	1	1	4.304154
SU4_str	BOBJ1	106.97	Before	Interior Girder 1	50.55	0.95	1	1	3.428074
SU4_str	BOBJ1	106.97	Before	Interior Girder 2	50.55	0.95	1	1	3.204377
SU4_str	BOBJ1	106.97	Before	Interior Girder 3	50.55	0.95	1	1	3.146648
SU4_str	BOBJ1	106.97	Before	Interior Girder 4	50.55	0.95	1	1	3.146648
SU4_str	BOBJ1	106.97	Before	Interior Girder 5	50.55	0.95	1	1	3.204377
SU4_str	BOBJ1	106.97	Before	Interior Girder 6	50.55	0.95	1	1	3.428074
SU4_str	BOBJ1	106.97	Before	Right Exterior Girder	50.55	0.95	1	1	4.304154
SU4_str	BOBJ1	106.97	After	Left Exterior Girder	50.55	0.95	1	1	4.198537
SU4_str	BOBJ1	106.97	After	Interior Girder 1	50.55	0.95	1	1	3.485064
SU4_str	BOBJ1	106.97	After	Interior Girder 2	50.55	0.95	1	1	3.206117
SU4_str	BOBJ1	106.97	After	Interior Girder 3	50.55	0.95	1	1	3.103134
SU4_str	BOBJ1	106.97	After	Interior Girder 4	50.55	0.95	1	1	3.103134
SU4_str	BOBJ1	106.97	After	Interior Girder 5	50.55	0.95	1	1	3.206117
SU4_str	BOBJ1	106.97	After	Interior Girder 6	50.55	0.95	1	1	3.485064
SU4_str	BOBJ1	106.97	After	Right Exterior Girder	50.55	0.95	1	1	4.198537
SU4_str	BOBJ1	115.405	Before	Left Exterior Girder	58.985	0.95	1	1	3.427363
SU4_str	BOBJ1	115.405	Before	Interior Girder 1	58.985	0.95	1	1	3.867983
SU4_str	BOBJ1	115.405	Before	Interior Girder 2	58.985	0.95	1	1	3.85213
SU4_str	BOBJ1	115.405	Before	Interior Girder 3	58.985	0.95	1	1	3.721678
SU4_str	BOBJ1	115.405	Before	Interior Girder 4	58.985	0.95	1	1	3.721678
SU4_str	BOBJ1	115.405	Before	Interior Girder 5	58.985	0.95	1	1	3.85213
SU4_str	BOBJ1	115.405	Before	Interior Girder 6	58.985	0.95	1	1	3.867983
SU4_str	BOBJ1	115.405	Before	Right Exterior Girder	58.985	0.95	1	1	3.427363
SU4_str	BOBJ1	115.405	After	Left Exterior Girder	58.985	0.95	1	1	3.524955
SU4_str	BOBJ1	115.405	After	Interior Girder 1	58.985	0.95	1	1	3.783633
SU4_str	BOBJ1	115.405	After	Interior Girder 2	58.985	0.95	1	1	3.808751
SU4_str	BOBJ1	115.405	After	Interior Girder 3	58.985	0.95	1	1	3.710222
SU4_str	BOBJ1	115.405	After	Interior Girder 4	58.985	0.95	1	1	3.710222
SU4_str	BOBJ1	115.405	After	Interior Girder 5	58.985	0.95	1	1	3.808751
SU4_str	BOBJ1	115.405	After	Interior Girder 6	58.985	0.95	1	1	3.783633
SU4_str	BOBJ1	115.405	After	Right Exterior Girder	58.985	0.95	1	1	3.524955
SU4_str	BOBJ1	116.34	Before	Left Exterior Girder	59.92	0.95	1	1	3.185858
SU4_str	BOBJ1	116.34	Before	Right Exterior Girder	59.92	0.95	1	1	3.185858
SU4_str	BOBJ1	116.34	After	Left Exterior Girder	59.92	0.95	1	1	6.676127
SU4_str	BOBJ1	116.34	After	Right Exterior Girder	59.92	0.95	1	1	6.676127
SU4_str	BOBJ1	118.84	Before	Interior Girder 1	62.42	0.95	1	1	3.040725
SU4_str	BOBJ1	118.84	Before	Interior Girder 2	62.42	0.95	1	1	3.05807
SU4_str	BOBJ1	118.84	Before	Interior Girder 3	62.42	0.95	1	1	2.836522
SU4_str	BOBJ1	118.84	Before	Interior Girder 4	62.42	0.95	1	1	2.836522
SU4_str	BOBJ1	118.84	Before	Interior Girder 5	62.42	0.95	1	1	3.05807
SU4_str	BOBJ1	118.84	Before	Interior Girder 6	62.42	0.95	1	1	3.040725
SU4_str	BOBJ1	118.84	After	Interior Girder 1	62.42	0.95	1	1	4.395952
SU4_str	BOBJ1	118.84	After	Interior Girder 2	62.42	0.95	1	1	4.280499
SU4_str	BOBJ1	118.84	After	Interior Girder 3	62.42	0.95	1	1	4.045389
SU4_str	BOBJ1	118.84	After	Interior Girder 4	62.42	0.95	1	1	4.045389
SU4_str	BOBJ1	118.84	After	Interior Girder 5	62.42	0.95	1	1	4.280499
SU4_str	BOBJ1	118.84	After	Interior Girder 6	62.42	0.95	1	1	4.395952
SU4_str	BOBJ1	123.84	Before	Left Exterior Girder	67.42	0.95	1	1	3.975858
SU4_str	BOBJ1	123.84	Before	Interior Girder 1	67.42	0.95	1	1	2.987026
SU4_str	BOBJ1	123.84	Before	Interior Girder 2	67.42	0.95	1	1	2.869585
SU4_str	BOBJ1	123.84	Before	Interior Girder 3	67.42	0.95	1	1	2.335108
SU4_str	BOBJ1	123.84	Before	Interior Girder 4	67.42	0.95	1	1	2.335108
SU4_str	BOBJ1	123.84	Before	Interior Girder 5	67.42	0.95	1	1	2.869585
SU4_str	BOBJ1	123.84	Before	Interior Girder 6	67.42	0.95	1	1	2.987026

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelINonCompStrgth-Flx - Approach, Span 7-11									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
SU4_str	BOBJ1	123.84	Before	Right Exterior Girder	67.42	0.95	1	1	3.975858
SU4_str	BOBJ1	123.84	After	Left Exterior Girder	0	0.95	1	1	3.936192
SU4_str	BOBJ1	123.84	After	Interior Girder 1	0	0.95	1	1	2.941237
SU4_str	BOBJ1	123.84	After	Interior Girder 2	0	0.95	1	1	2.856812
SU4_str	BOBJ1	123.84	After	Interior Girder 3	0	0.95	1	1	2.330825
SU4_str	BOBJ1	123.84	After	Interior Girder 4	0	0.95	1	1	2.330825
SU4_str	BOBJ1	123.84	After	Interior Girder 5	0	0.95	1	1	2.856812
SU4_str	BOBJ1	123.84	After	Interior Girder 6	0	0.95	1	1	2.941237
SU4_str	BOBJ1	123.84	After	Right Exterior Girder	0	0.95	1	1	3.936192
SU4_str	BOBJ1	128.84	Before	Interior Girder 1	5	0.95	1	1	4.495497
SU4_str	BOBJ1	128.84	Before	Interior Girder 2	5	0.95	1	1	4.359477
SU4_str	BOBJ1	128.84	Before	Interior Girder 3	5	0.95	1	1	4.099931
SU4_str	BOBJ1	128.84	Before	Interior Girder 4	5	0.95	1	1	4.099931
SU4_str	BOBJ1	128.84	Before	Interior Girder 5	5	0.95	1	1	4.359477
SU4_str	BOBJ1	128.84	Before	Interior Girder 6	5	0.95	1	1	4.495497
SU4_str	BOBJ1	128.84	After	Interior Girder 1	5	0.95	1	1	3.114195
SU4_str	BOBJ1	128.84	After	Interior Girder 2	5	0.95	1	1	3.11717
SU4_str	BOBJ1	128.84	After	Interior Girder 3	5	0.95	1	1	2.883662
SU4_str	BOBJ1	128.84	After	Interior Girder 4	5	0.95	1	1	2.883662
SU4_str	BOBJ1	128.84	After	Interior Girder 5	5	0.95	1	1	3.11717
SU4_str	BOBJ1	128.84	After	Interior Girder 6	5	0.95	1	1	3.114195
SU4_str	BOBJ1	131.34	Before	Left Exterior Girder	7.5	0.95	1	1	6.880834
SU4_str	BOBJ1	131.34	Before	Right Exterior Girder	7.5	0.95	1	1	6.880834
SU4_str	BOBJ1	131.34	After	Left Exterior Girder	7.5	0.95	1	1	3.287655
SU4_str	BOBJ1	131.34	After	Right Exterior Girder	7.5	0.95	1	1	3.287655
SU4_str	BOBJ1	132.265	Before	Left Exterior Girder	8.425	0.95	1	1	3.616816
SU4_str	BOBJ1	132.265	Before	Interior Girder 1	8.425	0.95	1	1	3.875203
SU4_str	BOBJ1	132.265	Before	Interior Girder 2	8.425	0.95	1	1	3.878497
SU4_str	BOBJ1	132.265	Before	Interior Girder 3	8.425	0.95	1	1	3.773262
SU4_str	BOBJ1	132.265	Before	Interior Girder 4	8.425	0.95	1	1	3.773262
SU4_str	BOBJ1	132.265	Before	Interior Girder 5	8.425	0.95	1	1	3.878497
SU4_str	BOBJ1	132.265	Before	Interior Girder 6	8.425	0.95	1	1	3.875203
SU4_str	BOBJ1	132.265	Before	Right Exterior Girder	8.425	0.95	1	1	3.616816
SU4_str	BOBJ1	132.265	After	Left Exterior Girder	8.425	0.95	1	1	3.516507
SU4_str	BOBJ1	132.265	After	Interior Girder 1	8.425	0.95	1	1	3.960477
SU4_str	BOBJ1	132.265	After	Interior Girder 2	8.425	0.95	1	1	3.92397
SU4_str	BOBJ1	132.265	After	Interior Girder 3	8.425	0.95	1	1	3.786929
SU4_str	BOBJ1	132.265	After	Interior Girder 4	8.425	0.95	1	1	3.786929
SU4_str	BOBJ1	132.265	After	Interior Girder 5	8.425	0.95	1	1	3.92397
SU4_str	BOBJ1	132.265	After	Interior Girder 6	8.425	0.95	1	1	3.960477
SU4_str	BOBJ1	132.265	After	Right Exterior Girder	8.425	0.95	1	1	3.516507
SU4_str	BOBJ1	140.69	Before	Left Exterior Girder	16.85	0.95	1	1	4.230996
SU4_str	BOBJ1	140.69	Before	Interior Girder 1	16.85	0.95	1	1	3.489764
SU4_str	BOBJ1	140.69	Before	Interior Girder 2	16.85	0.95	1	1	3.211251
SU4_str	BOBJ1	140.69	Before	Interior Girder 3	16.85	0.95	1	1	3.112164
SU4_str	BOBJ1	140.69	Before	Interior Girder 4	16.85	0.95	1	1	3.112164
SU4_str	BOBJ1	140.69	Before	Interior Girder 5	16.85	0.95	1	1	3.211251
SU4_str	BOBJ1	140.69	Before	Interior Girder 6	16.85	0.95	1	1	3.489764
SU4_str	BOBJ1	140.69	Before	Right Exterior Girder	16.85	0.95	1	1	4.230996
SU4_str	BOBJ1	140.69	After	Left Exterior Girder	16.85	0.95	1	1	4.34026
SU4_str	BOBJ1	140.69	After	Interior Girder 1	16.85	0.95	1	1	3.433266
SU4_str	BOBJ1	140.69	After	Interior Girder 2	16.85	0.95	1	1	3.208905
SU4_str	BOBJ1	140.69	After	Interior Girder 3	16.85	0.95	1	1	3.155008
SU4_str	BOBJ1	140.69	After	Interior Girder 4	16.85	0.95	1	1	3.155008
SU4_str	BOBJ1	140.69	After	Interior Girder 5	16.85	0.95	1	1	3.208905
SU4_str	BOBJ1	140.69	After	Interior Girder 6	16.85	0.95	1	1	3.433266
SU4_str	BOBJ1	140.69	After	Right Exterior Girder	16.85	0.95	1	1	4.34026
SU4_str	BOBJ1	149.115	Before	Left Exterior Girder	25.275	0.95	1	1	2.647481
SU4_str	BOBJ1	149.115	Before	Interior Girder 1	25.275	0.95	1	1	2.107242
SU4_str	BOBJ1	149.115	Before	Interior Girder 2	25.275	0.95	1	1	2.044637
SU4_str	BOBJ1	149.115	Before	Interior Girder 3	25.275	0.95	1	1	1.982206
SU4_str	BOBJ1	149.115	Before	Interior Girder 4	25.275	0.95	1	1	1.982206
SU4_str	BOBJ1	149.115	Before	Interior Girder 5	25.275	0.95	1	1	2.044637
SU4_str	BOBJ1	149.115	Before	Interior Girder 6	25.275	0.95	1	1	2.107242
SU4_str	BOBJ1	149.115	Before	Right Exterior Girder	25.275	0.95	1	1	2.647481

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelINonCompStrgth-Flx - Approach, Span 7-11									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
SU4_str	BOBJ1	149.115	After	Left Exterior Girder	25.275	0.95	1	1	2.68218
SU4_str	BOBJ1	149.115	After	Interior Girder 1	25.275	0.95	1	1	2.087871
SU4_str	BOBJ1	149.115	After	Interior Girder 2	25.275	0.95	1	1	2.041042
SU4_str	BOBJ1	149.115	After	Interior Girder 3	25.275	0.95	1	1	1.99615
SU4_str	BOBJ1	149.115	After	Interior Girder 4	25.275	0.95	1	1	1.99615
SU4_str	BOBJ1	149.115	After	Interior Girder 5	25.275	0.95	1	1	2.041042
SU4_str	BOBJ1	149.115	After	Interior Girder 6	25.275	0.95	1	1	2.087871
SU4_str	BOBJ1	149.115	After	Right Exterior Girder	25.275	0.95	1	1	2.68218
SU4_str	BOBJ1	157.54	Before	Left Exterior Girder	33.7	0.95	1	1	2.13781
SU4_str	BOBJ1	157.54	Before	Interior Girder 1	33.7	0.95	1	1	1.967079
SU4_str	BOBJ1	157.54	Before	Interior Girder 2	33.7	0.95	1	1	1.925394
SU4_str	BOBJ1	157.54	Before	Interior Girder 3	33.7	0.95	1	1	1.939865
SU4_str	BOBJ1	157.54	Before	Interior Girder 4	33.7	0.95	1	1	1.939865
SU4_str	BOBJ1	157.54	Before	Interior Girder 5	33.7	0.95	1	1	1.925394
SU4_str	BOBJ1	157.54	Before	Interior Girder 6	33.7	0.95	1	1	1.967079
SU4_str	BOBJ1	157.54	Before	Right Exterior Girder	33.7	0.95	1	1	2.13781
SU4_str	BOBJ1	157.54	After	Left Exterior Girder	33.7	0.95	1	1	2.137954
SU4_str	BOBJ1	157.54	After	Interior Girder 1	33.7	0.95	1	1	1.967098
SU4_str	BOBJ1	157.54	After	Interior Girder 2	33.7	0.95	1	1	1.925352
SU4_str	BOBJ1	157.54	After	Interior Girder 3	33.7	0.95	1	1	1.939906
SU4_str	BOBJ1	157.54	After	Interior Girder 4	33.7	0.95	1	1	1.939906
SU4_str	BOBJ1	157.54	After	Interior Girder 5	33.7	0.95	1	1	1.925352
SU4_str	BOBJ1	157.54	After	Interior Girder 6	33.7	0.95	1	1	1.967098
SU4_str	BOBJ1	157.54	After	Right Exterior Girder	33.7	0.95	1	1	2.137954
SU4_str	BOBJ1	165.965	Before	Left Exterior Girder	42.125	0.95	1	1	2.679965
SU4_str	BOBJ1	165.965	Before	Interior Girder 1	42.125	0.95	1	1	2.087013
SU4_str	BOBJ1	165.965	Before	Interior Girder 2	42.125	0.95	1	1	2.040232
SU4_str	BOBJ1	165.965	Before	Interior Girder 3	42.125	0.95	1	1	1.995238
SU4_str	BOBJ1	165.965	Before	Interior Girder 4	42.125	0.95	1	1	1.995238
SU4_str	BOBJ1	165.965	Before	Interior Girder 5	42.125	0.95	1	1	2.040232
SU4_str	BOBJ1	165.965	Before	Interior Girder 6	42.125	0.95	1	1	2.087013
SU4_str	BOBJ1	165.965	Before	Right Exterior Girder	42.125	0.95	1	1	2.679965
SU4_str	BOBJ1	165.965	After	Left Exterior Girder	42.125	0.95	1	1	2.64556
SU4_str	BOBJ1	165.965	After	Interior Girder 1	42.125	0.95	1	1	2.106286
SU4_str	BOBJ1	165.965	After	Interior Girder 2	42.125	0.95	1	1	2.043804
SU4_str	BOBJ1	165.965	After	Interior Girder 3	42.125	0.95	1	1	1.981379
SU4_str	BOBJ1	165.965	After	Interior Girder 4	42.125	0.95	1	1	1.981379
SU4_str	BOBJ1	165.965	After	Interior Girder 5	42.125	0.95	1	1	2.043804
SU4_str	BOBJ1	165.965	After	Interior Girder 6	42.125	0.95	1	1	2.106286
SU4_str	BOBJ1	165.965	After	Right Exterior Girder	42.125	0.95	1	1	2.64556
SU4_str	BOBJ1	174.39	Before	Left Exterior Girder	50.55	0.95	1	1	4.331572
SU4_str	BOBJ1	174.39	Before	Interior Girder 1	50.55	0.95	1	1	3.429491
SU4_str	BOBJ1	174.39	Before	Interior Girder 2	50.55	0.95	1	1	3.205732
SU4_str	BOBJ1	174.39	Before	Interior Girder 3	50.55	0.95	1	1	3.151286
SU4_str	BOBJ1	174.39	Before	Interior Girder 4	50.55	0.95	1	1	3.151286
SU4_str	BOBJ1	174.39	Before	Interior Girder 5	50.55	0.95	1	1	3.205732
SU4_str	BOBJ1	174.39	Before	Interior Girder 6	50.55	0.95	1	1	3.429491
SU4_str	BOBJ1	174.39	Before	Right Exterior Girder	50.55	0.95	1	1	4.331572
SU4_str	BOBJ1	174.39	After	Left Exterior Girder	50.55	0.95	1	1	4.22271
SU4_str	BOBJ1	174.39	After	Interior Girder 1	50.55	0.95	1	1	3.486007
SU4_str	BOBJ1	174.39	After	Interior Girder 2	50.55	0.95	1	1	3.208143
SU4_str	BOBJ1	174.39	After	Interior Girder 3	50.55	0.95	1	1	3.108596
SU4_str	BOBJ1	174.39	After	Interior Girder 4	50.55	0.95	1	1	3.108596
SU4_str	BOBJ1	174.39	After	Interior Girder 5	50.55	0.95	1	1	3.208143
SU4_str	BOBJ1	174.39	After	Interior Girder 6	50.55	0.95	1	1	3.486007
SU4_str	BOBJ1	174.39	After	Right Exterior Girder	50.55	0.95	1	1	4.22271
SU4_str	BOBJ1	182.825	Before	Left Exterior Girder	58.985	0.95	1	1	3.518979
SU4_str	BOBJ1	182.825	Before	Interior Girder 1	58.985	0.95	1	1	3.956905
SU4_str	BOBJ1	182.825	Before	Interior Girder 2	58.985	0.95	1	1	3.920201
SU4_str	BOBJ1	182.825	Before	Interior Girder 3	58.985	0.95	1	1	3.787843
SU4_str	BOBJ1	182.825	Before	Interior Girder 4	58.985	0.95	1	1	3.787843
SU4_str	BOBJ1	182.825	Before	Interior Girder 5	58.985	0.95	1	1	3.920201
SU4_str	BOBJ1	182.825	Before	Interior Girder 6	58.985	0.95	1	1	3.956905
SU4_str	BOBJ1	182.825	Before	Right Exterior Girder	58.985	0.95	1	1	3.518979
SU4_str	BOBJ1	182.825	After	Left Exterior Girder	58.985	0.95	1	1	3.619585

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelINonCompStrgth-Flx - Approach, Span 7-11									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
SU4_str	BOBJ1	182.825	After	Interior Girder 1	58.985	0.95	1	1	3.871661
SU4_str	BOBJ1	182.825	After	Interior Girder 2	58.985	0.95	1	1	3.874592
SU4_str	BOBJ1	182.825	After	Interior Girder 3	58.985	0.95	1	1	3.774552
SU4_str	BOBJ1	182.825	After	Interior Girder 4	58.985	0.95	1	1	3.774552
SU4_str	BOBJ1	182.825	After	Interior Girder 5	58.985	0.95	1	1	3.874592
SU4_str	BOBJ1	182.825	After	Interior Girder 6	58.985	0.95	1	1	3.871661
SU4_str	BOBJ1	182.825	After	Right Exterior Girder	58.985	0.95	1	1	3.619585
SU4_str	BOBJ1	183.76	Before	Left Exterior Girder	59.92	0.95	1	1	3.272466
SU4_str	BOBJ1	183.76	Before	Right Exterior Girder	59.92	0.95	1	1	3.272466
SU4_str	BOBJ1	183.76	After	Left Exterior Girder	59.92	0.95	1	1	6.857845
SU4_str	BOBJ1	183.76	After	Right Exterior Girder	59.92	0.95	1	1	6.857845
SU4_str	BOBJ1	186.26	Before	Interior Girder 1	62.42	0.95	1	1	3.107799
SU4_str	BOBJ1	186.26	Before	Interior Girder 2	62.42	0.95	1	1	3.110812
SU4_str	BOBJ1	186.26	Before	Interior Girder 3	62.42	0.95	1	1	2.882522
SU4_str	BOBJ1	186.26	Before	Interior Girder 4	62.42	0.95	1	1	2.882522
SU4_str	BOBJ1	186.26	Before	Interior Girder 5	62.42	0.95	1	1	3.110812
SU4_str	BOBJ1	186.26	Before	Interior Girder 6	62.42	0.95	1	1	3.107799
SU4_str	BOBJ1	186.26	After	Interior Girder 1	62.42	0.95	1	1	4.488125
SU4_str	BOBJ1	186.26	After	Interior Girder 2	62.42	0.95	1	1	4.351919
SU4_str	BOBJ1	186.26	After	Interior Girder 3	62.42	0.95	1	1	4.099442
SU4_str	BOBJ1	186.26	After	Interior Girder 4	62.42	0.95	1	1	4.099442
SU4_str	BOBJ1	186.26	After	Interior Girder 5	62.42	0.95	1	1	4.351919
SU4_str	BOBJ1	186.26	After	Interior Girder 6	62.42	0.95	1	1	4.488125
SU4_str	BOBJ1	191.26	Before	Left Exterior Girder	67.42	0.95	1	1	3.936014
SU4_str	BOBJ1	191.26	Before	Interior Girder 1	67.42	0.95	1	1	2.933973
SU4_str	BOBJ1	191.26	Before	Interior Girder 2	67.42	0.95	1	1	2.848526
SU4_str	BOBJ1	191.26	Before	Interior Girder 3	67.42	0.95	1	1	2.329276
SU4_str	BOBJ1	191.26	Before	Interior Girder 4	67.42	0.95	1	1	2.329276
SU4_str	BOBJ1	191.26	Before	Interior Girder 5	67.42	0.95	1	1	2.848526
SU4_str	BOBJ1	191.26	Before	Interior Girder 6	67.42	0.95	1	1	2.933973
SU4_str	BOBJ1	191.26	Before	Right Exterior Girder	67.42	0.95	1	1	3.936014
SU4_str	BOBJ1	191.26	After	Left Exterior Girder	0	0.95	1	1	3.970084
SU4_str	BOBJ1	191.26	After	Interior Girder 1	0	0.95	1	1	2.990348
SU4_str	BOBJ1	191.26	After	Interior Girder 2	0	0.95	1	1	2.875004
SU4_str	BOBJ1	191.26	After	Interior Girder 3	0	0.95	1	1	2.334601
SU4_str	BOBJ1	191.26	After	Interior Girder 4	0	0.95	1	1	2.334601
SU4_str	BOBJ1	191.26	After	Interior Girder 5	0	0.95	1	1	2.875004
SU4_str	BOBJ1	191.26	After	Interior Girder 6	0	0.95	1	1	2.990348
SU4_str	BOBJ1	191.26	After	Right Exterior Girder	0	0.95	1	1	3.970084
SU4_str	BOBJ1	196.26	Before	Interior Girder 1	5	0.95	1	1	4.399598
SU4_str	BOBJ1	196.26	Before	Interior Girder 2	5	0.95	1	1	4.285273
SU4_str	BOBJ1	196.26	Before	Interior Girder 3	5	0.95	1	1	4.043687
SU4_str	BOBJ1	196.26	Before	Interior Girder 4	5	0.95	1	1	4.043687
SU4_str	BOBJ1	196.26	Before	Interior Girder 5	5	0.95	1	1	4.285273
SU4_str	BOBJ1	196.26	Before	Interior Girder 6	5	0.95	1	1	4.399598
SU4_str	BOBJ1	196.26	After	Interior Girder 1	5	0.95	1	1	3.043096
SU4_str	BOBJ1	196.26	After	Interior Girder 2	5	0.95	1	1	3.061648
SU4_str	BOBJ1	196.26	After	Interior Girder 3	5	0.95	1	1	2.835309
SU4_str	BOBJ1	196.26	After	Interior Girder 4	5	0.95	1	1	2.835309
SU4_str	BOBJ1	196.26	After	Interior Girder 5	5	0.95	1	1	3.061648
SU4_str	BOBJ1	196.26	After	Interior Girder 6	5	0.95	1	1	3.043096
SU4_str	BOBJ1	198.76	Before	Left Exterior Girder	7.5	0.95	1	1	6.694878
SU4_str	BOBJ1	198.76	Before	Right Exterior Girder	7.5	0.95	1	1	6.694878
SU4_str	BOBJ1	198.76	After	Left Exterior Girder	7.5	0.95	1	1	3.196491
SU4_str	BOBJ1	198.76	After	Right Exterior Girder	7.5	0.95	1	1	3.196491
SU4_str	BOBJ1	199.685	Before	Left Exterior Girder	8.425	0.95	1	1	3.518571
SU4_str	BOBJ1	199.685	Before	Interior Girder 1	8.425	0.95	1	1	3.78373
SU4_str	BOBJ1	199.685	Before	Interior Girder 2	8.425	0.95	1	1	3.810253
SU4_str	BOBJ1	199.685	Before	Interior Girder 3	8.425	0.95	1	1	3.70702
SU4_str	BOBJ1	199.685	Before	Interior Girder 4	8.425	0.95	1	1	3.70702
SU4_str	BOBJ1	199.685	Before	Interior Girder 5	8.425	0.95	1	1	3.810253
SU4_str	BOBJ1	199.685	Before	Interior Girder 6	8.425	0.95	1	1	3.78373
SU4_str	BOBJ1	199.685	Before	Right Exterior Girder	8.425	0.95	1	1	3.518571
SU4_str	BOBJ1	199.685	After	Left Exterior Girder	8.425	0.95	1	1	3.420998
SU4_str	BOBJ1	199.685	After	Interior Girder 1	8.425	0.95	1	1	3.868175

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelINonCompStrgth-Flx - Approach, Span 7-11									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
SU4_str	BOBJ1	199.685	After	Interior Girder 2	8.425	0.95	1	1	3.853679
SU4_str	BOBJ1	199.685	After	Interior Girder 3	8.425	0.95	1	1	3.718922
SU4_str	BOBJ1	199.685	After	Interior Girder 4	8.425	0.95	1	1	3.718922
SU4_str	BOBJ1	199.685	After	Interior Girder 5	8.425	0.95	1	1	3.853679
SU4_str	BOBJ1	199.685	After	Interior Girder 6	8.425	0.95	1	1	3.868175
SU4_str	BOBJ1	199.685	After	Right Exterior Girder	8.425	0.95	1	1	3.420998
SU4_str	BOBJ1	208.11	Before	Left Exterior Girder	16.85	0.95	1	1	4.208039
SU4_str	BOBJ1	208.11	Before	Interior Girder 1	16.85	0.95	1	1	3.48957
SU4_str	BOBJ1	208.11	Before	Interior Girder 2	16.85	0.95	1	1	3.209706
SU4_str	BOBJ1	208.11	Before	Interior Girder 3	16.85	0.95	1	1	3.107063
SU4_str	BOBJ1	208.11	Before	Interior Girder 4	16.85	0.95	1	1	3.107063
SU4_str	BOBJ1	208.11	Before	Interior Girder 5	16.85	0.95	1	1	3.209706
SU4_str	BOBJ1	208.11	Before	Interior Girder 6	16.85	0.95	1	1	3.48957
SU4_str	BOBJ1	208.11	Before	Right Exterior Girder	16.85	0.95	1	1	4.208039
SU4_str	BOBJ1	208.11	After	Left Exterior Girder	16.85	0.95	1	1	4.314339
SU4_str	BOBJ1	208.11	After	Interior Girder 1	16.85	0.95	1	1	3.432567
SU4_str	BOBJ1	208.11	After	Interior Girder 2	16.85	0.95	1	1	3.207949
SU4_str	BOBJ1	208.11	After	Interior Girder 3	16.85	0.95	1	1	3.150626
SU4_str	BOBJ1	208.11	After	Interior Girder 4	16.85	0.95	1	1	3.150626
SU4_str	BOBJ1	208.11	After	Interior Girder 5	16.85	0.95	1	1	3.207949
SU4_str	BOBJ1	208.11	After	Interior Girder 6	16.85	0.95	1	1	3.432567
SU4_str	BOBJ1	208.11	After	Right Exterior Girder	16.85	0.95	1	1	4.314339
SU4_str	BOBJ1	216.535	Before	Left Exterior Girder	25.275	0.95	1	1	2.663407
SU4_str	BOBJ1	216.535	Before	Interior Girder 1	25.275	0.95	1	1	2.122207
SU4_str	BOBJ1	216.535	Before	Interior Girder 2	25.275	0.95	1	1	2.053963
SU4_str	BOBJ1	216.535	Before	Interior Girder 3	25.275	0.95	1	1	1.986246
SU4_str	BOBJ1	216.535	Before	Interior Girder 4	25.275	0.95	1	1	1.986246
SU4_str	BOBJ1	216.535	Before	Interior Girder 5	25.275	0.95	1	1	2.053963
SU4_str	BOBJ1	216.535	Before	Interior Girder 6	25.275	0.95	1	1	2.122207
SU4_str	BOBJ1	216.535	Before	Right Exterior Girder	25.275	0.95	1	1	2.663407
SU4_str	BOBJ1	216.535	After	Left Exterior Girder	25.275	0.95	1	1	2.696693
SU4_str	BOBJ1	216.535	After	Interior Girder 1	25.275	0.95	1	1	2.102146
SU4_str	BOBJ1	216.535	After	Interior Girder 2	25.275	0.95	1	1	2.051019
SU4_str	BOBJ1	216.535	After	Interior Girder 3	25.275	0.95	1	1	2.000694
SU4_str	BOBJ1	216.535	After	Interior Girder 4	25.275	0.95	1	1	2.000694
SU4_str	BOBJ1	216.535	After	Interior Girder 5	25.275	0.95	1	1	2.051019
SU4_str	BOBJ1	216.535	After	Interior Girder 6	25.275	0.95	1	1	2.102146
SU4_str	BOBJ1	216.535	After	Right Exterior Girder	25.275	0.95	1	1	2.696693
SU4_str	BOBJ1	224.96	Before	Left Exterior Girder	33.7	0.95	1	1	2.171658
SU4_str	BOBJ1	224.96	Before	Interior Girder 1	33.7	0.95	1	1	1.995045
SU4_str	BOBJ1	224.96	Before	Interior Girder 2	33.7	0.95	1	1	1.942681
SU4_str	BOBJ1	224.96	Before	Interior Girder 3	33.7	0.95	1	1	1.949128
SU4_str	BOBJ1	224.96	Before	Interior Girder 4	33.7	0.95	1	1	1.949128
SU4_str	BOBJ1	224.96	Before	Interior Girder 5	33.7	0.95	1	1	1.942681
SU4_str	BOBJ1	224.96	Before	Interior Girder 6	33.7	0.95	1	1	1.995045
SU4_str	BOBJ1	224.96	Before	Right Exterior Girder	33.7	0.95	1	1	2.171658
SU4_str	BOBJ1	224.96	After	Left Exterior Girder	33.7	0.95	1	1	2.170724
SU4_str	BOBJ1	224.96	After	Interior Girder 1	33.7	0.95	1	1	1.99493
SU4_str	BOBJ1	224.96	After	Interior Girder 2	33.7	0.95	1	1	1.944132
SU4_str	BOBJ1	224.96	After	Interior Girder 3	33.7	0.95	1	1	1.949661
SU4_str	BOBJ1	224.96	After	Interior Girder 4	33.7	0.95	1	1	1.949661
SU4_str	BOBJ1	224.96	After	Interior Girder 5	33.7	0.95	1	1	1.944132
SU4_str	BOBJ1	224.96	After	Interior Girder 6	33.7	0.95	1	1	1.99493
SU4_str	BOBJ1	224.96	After	Right Exterior Girder	33.7	0.95	1	1	2.170724
SU4_str	BOBJ1	233.385	Before	Left Exterior Girder	42.125	0.95	1	1	2.764133
SU4_str	BOBJ1	233.385	Before	Interior Girder 1	42.125	0.95	1	1	2.124647
SU4_str	BOBJ1	233.385	Before	Interior Girder 2	42.125	0.95	1	1	2.065277
SU4_str	BOBJ1	233.385	Before	Interior Girder 3	42.125	0.95	1	1	2.010584
SU4_str	BOBJ1	233.385	Before	Interior Girder 4	42.125	0.95	1	1	2.010584
SU4_str	BOBJ1	233.385	Before	Interior Girder 5	42.125	0.95	1	1	2.065277
SU4_str	BOBJ1	233.385	Before	Interior Girder 6	42.125	0.95	1	1	2.124647
SU4_str	BOBJ1	233.385	Before	Right Exterior Girder	42.125	0.95	1	1	2.764133
SU4_str	BOBJ1	233.385	After	Left Exterior Girder	42.125	0.95	1	1	2.723943
SU4_str	BOBJ1	233.385	After	Interior Girder 1	42.125	0.95	1	1	2.146589
SU4_str	BOBJ1	233.385	After	Interior Girder 2	42.125	0.95	1	1	2.069277

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelINonCompStrgth-Flx - Approach, Span 7-11									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
SU4_str	BOBJ1	233.385	After	Interior Girder 3	42.125	0.95	1	1	1.995325
SU4_str	BOBJ1	233.385	After	Interior Girder 4	42.125	0.95	1	1	1.995325
SU4_str	BOBJ1	233.385	After	Interior Girder 5	42.125	0.95	1	1	2.069277
SU4_str	BOBJ1	233.385	After	Interior Girder 6	42.125	0.95	1	1	2.146589
SU4_str	BOBJ1	233.385	After	Right Exterior Girder	42.125	0.95	1	1	2.723943
SU4_str	BOBJ1	241.81	Before	Left Exterior Girder	50.55	0.95	1	1	4.550539
SU4_str	BOBJ1	241.81	Before	Interior Girder 1	50.55	0.95	1	1	3.546758
SU4_str	BOBJ1	241.81	Before	Interior Girder 2	50.55	0.95	1	1	3.279145
SU4_str	BOBJ1	241.81	Before	Interior Girder 3	50.55	0.95	1	1	3.226348
SU4_str	BOBJ1	241.81	Before	Interior Girder 4	50.55	0.95	1	1	3.226348
SU4_str	BOBJ1	241.81	Before	Interior Girder 5	50.55	0.95	1	1	3.279145
SU4_str	BOBJ1	241.81	Before	Interior Girder 6	50.55	0.95	1	1	3.546758
SU4_str	BOBJ1	241.81	Before	Right Exterior Girder	50.55	0.95	1	1	4.550539
SU4_str	BOBJ1	241.81	After	Left Exterior Girder	50.55	0.95	1	1	4.445384
SU4_str	BOBJ1	241.81	After	Interior Girder 1	50.55	0.95	1	1	3.609008
SU4_str	BOBJ1	241.81	After	Interior Girder 2	50.55	0.95	1	1	3.299557
SU4_str	BOBJ1	241.81	After	Interior Girder 3	50.55	0.95	1	1	3.215918
SU4_str	BOBJ1	241.81	After	Interior Girder 4	50.55	0.95	1	1	3.215918
SU4_str	BOBJ1	241.81	After	Interior Girder 5	50.55	0.95	1	1	3.299557
SU4_str	BOBJ1	241.81	After	Interior Girder 6	50.55	0.95	1	1	3.609008
SU4_str	BOBJ1	241.81	After	Right Exterior Girder	50.55	0.95	1	1	4.445384
SU4_str	BOBJ1	245.18	Before	Left Exterior Girder	53.92	0.95	1	1	5.471014
SU4_str	BOBJ1	245.18	Before	Interior Girder 1	53.92	0.95	1	1	4.561685
SU4_str	BOBJ1	245.18	Before	Interior Girder 2	53.92	0.95	1	1	4.14439
SU4_str	BOBJ1	245.18	Before	Interior Girder 3	53.92	0.95	1	1	4.060675
SU4_str	BOBJ1	245.18	Before	Interior Girder 4	53.92	0.95	1	1	4.060675
SU4_str	BOBJ1	245.18	Before	Interior Girder 5	53.92	0.95	1	1	4.14439
SU4_str	BOBJ1	245.18	Before	Interior Girder 6	53.92	0.95	1	1	4.561685
SU4_str	BOBJ1	245.18	Before	Right Exterior Girder	53.92	0.95	1	1	5.471014
SU4_str	BOBJ1	245.18	After	Left Exterior Girder	53.92	0.95	1	1	6.397107
SU4_str	BOBJ1	245.18	After	Interior Girder 1	53.92	0.95	1	1	4.878523
SU4_str	BOBJ1	245.18	After	Interior Girder 2	53.92	0.95	1	1	4.40644
SU4_str	BOBJ1	245.18	After	Interior Girder 3	53.92	0.95	1	1	4.272983
SU4_str	BOBJ1	245.18	After	Interior Girder 4	53.92	0.95	1	1	4.272983
SU4_str	BOBJ1	245.18	After	Interior Girder 5	53.92	0.95	1	1	4.40644
SU4_str	BOBJ1	245.18	After	Interior Girder 6	53.92	0.95	1	1	4.878523
SU4_str	BOBJ1	245.18	After	Right Exterior Girder	53.92	0.95	1	1	6.397107
SU4_str	BOBJ1	250.245	Before	Left Exterior Girder	58.985	0.95	1	1	4.54634
SU4_str	BOBJ1	250.245	Before	Interior Girder 1	58.985	0.95	1	1	4.638914
SU4_str	BOBJ1	250.245	Before	Interior Girder 2	58.985	0.95	1	1	4.459382
SU4_str	BOBJ1	250.245	Before	Interior Girder 3	58.985	0.95	1	1	4.299712
SU4_str	BOBJ1	250.245	Before	Interior Girder 4	58.985	0.95	1	1	4.299712
SU4_str	BOBJ1	250.245	Before	Interior Girder 5	58.985	0.95	1	1	4.459382
SU4_str	BOBJ1	250.245	Before	Interior Girder 6	58.985	0.95	1	1	4.638914
SU4_str	BOBJ1	250.245	Before	Right Exterior Girder	58.985	0.95	1	1	4.54634
SU4_str	BOBJ1	250.245	After	Left Exterior Girder	58.985	0.95	1	1	4.597812
SU4_str	BOBJ1	250.245	After	Interior Girder 1	58.985	0.95	1	1	4.585302
SU4_str	BOBJ1	250.245	After	Interior Girder 2	58.985	0.95	1	1	4.409785
SU4_str	BOBJ1	250.245	After	Interior Girder 3	58.985	0.95	1	1	4.272972
SU4_str	BOBJ1	250.245	After	Interior Girder 4	58.985	0.95	1	1	4.272972
SU4_str	BOBJ1	250.245	After	Interior Girder 5	58.985	0.95	1	1	4.409785
SU4_str	BOBJ1	250.245	After	Interior Girder 6	58.985	0.95	1	1	4.585302
SU4_str	BOBJ1	250.245	After	Right Exterior Girder	58.985	0.95	1	1	4.597812
SU4_str	BOBJ1	251.68	Before	Left Exterior Girder	60.42	0.95	1	1	4.075612
SU4_str	BOBJ1	251.68	Before	Right Exterior Girder	60.42	0.95	1	1	4.075612
SU4_str	BOBJ1	251.68	After	Left Exterior Girder	60.42	0.95	1	1	7.410577
SU4_str	BOBJ1	251.68	After	Right Exterior Girder	60.42	0.95	1	1	7.410577
SU4_str	BOBJ1	254.18	Before	Interior Girder 1	62.92	0.95	1	1	3.562683
SU4_str	BOBJ1	254.18	Before	Interior Girder 2	62.92	0.95	1	1	3.452161
SU4_str	BOBJ1	254.18	Before	Interior Girder 3	62.92	0.95	1	1	3.110826
SU4_str	BOBJ1	254.18	Before	Interior Girder 4	62.92	0.95	1	1	3.110826
SU4_str	BOBJ1	254.18	Before	Interior Girder 5	62.92	0.95	1	1	3.452161
SU4_str	BOBJ1	254.18	Before	Interior Girder 6	62.92	0.95	1	1	3.562683
SU4_str	BOBJ1	254.18	After	Interior Girder 1	62.92	0.95	1	1	4.448992
SU4_str	BOBJ1	254.18	After	Interior Girder 2	62.92	0.95	1	1	4.207673

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelINonCompStrgth-Flx - Approach, Span 7-11									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
SU4_str	BOBJ1	254.18	After	Interior Girder 3	62.92	0.95	1	1	3.838734
SU4_str	BOBJ1	254.18	After	Interior Girder 4	62.92	0.95	1	1	3.838734
SU4_str	BOBJ1	254.18	After	Interior Girder 5	62.92	0.95	1	1	4.207673
SU4_str	BOBJ1	254.18	After	Interior Girder 6	62.92	0.95	1	1	4.448992
SU4_str	BOBJ1	258.68	Before	Left Exterior Girder	67.42	0.95	1	1	3.822807
SU4_str	BOBJ1	258.68	Before	Interior Girder 1	67.42	0.95	1	1	2.643193
SU4_str	BOBJ1	258.68	Before	Interior Girder 2	67.42	0.95	1	1	2.561561
SU4_str	BOBJ1	258.68	Before	Interior Girder 3	67.42	0.95	1	1	2.106677
SU4_str	BOBJ1	258.68	Before	Interior Girder 4	67.42	0.95	1	1	2.106677
SU4_str	BOBJ1	258.68	Before	Interior Girder 5	67.42	0.95	1	1	2.561561
SU4_str	BOBJ1	258.68	Before	Interior Girder 6	67.42	0.95	1	1	2.643193
SU4_str	BOBJ1	258.68	Before	Right Exterior Girder	67.42	0.95	1	1	3.822807
SU4_str	BOBJ1	258.68	After	Left Exterior Girder	0	0.95	1	1	3.725877
SU4_str	BOBJ1	258.68	After	Interior Girder 1	0	0.95	1	1	2.669531
SU4_str	BOBJ1	258.68	After	Interior Girder 2	0	0.95	1	1	2.54115
SU4_str	BOBJ1	258.68	After	Interior Girder 3	0	0.95	1	1	2.038414
SU4_str	BOBJ1	258.68	After	Interior Girder 4	0	0.95	1	1	2.038414
SU4_str	BOBJ1	258.68	After	Interior Girder 5	0	0.95	1	1	2.54115
SU4_str	BOBJ1	258.68	After	Interior Girder 6	0	0.95	1	1	2.669531
SU4_str	BOBJ1	258.68	After	Right Exterior Girder	0	0.95	1	1	3.725877
SU4_str	BOBJ1	263.18	Before	Interior Girder 1	4.5	0.95	1	1	3.757452
SU4_str	BOBJ1	263.18	Before	Interior Girder 2	4.5	0.95	1	1	3.663104
SU4_str	BOBJ1	263.18	Before	Interior Girder 3	4.5	0.95	1	1	3.433939
SU4_str	BOBJ1	263.18	Before	Interior Girder 4	4.5	0.95	1	1	3.433939
SU4_str	BOBJ1	263.18	Before	Interior Girder 5	4.5	0.95	1	1	3.663104
SU4_str	BOBJ1	263.18	Before	Interior Girder 6	4.5	0.95	1	1	3.757452
SU4_str	BOBJ1	263.18	After	Interior Girder 1	4.5	0.95	1	1	2.987984
SU4_str	BOBJ1	263.18	After	Interior Girder 2	4.5	0.95	1	1	2.996727
SU4_str	BOBJ1	263.18	After	Interior Girder 3	4.5	0.95	1	1	2.769333
SU4_str	BOBJ1	263.18	After	Interior Girder 4	4.5	0.95	1	1	2.769333
SU4_str	BOBJ1	263.18	After	Interior Girder 5	4.5	0.95	1	1	2.996727
SU4_str	BOBJ1	263.18	After	Interior Girder 6	4.5	0.95	1	1	2.987984
SU4_str	BOBJ1	265.68	Before	Left Exterior Girder	7	0.95	1	1	5.965334
SU4_str	BOBJ1	265.68	Before	Right Exterior Girder	7	0.95	1	1	5.965334
SU4_str	BOBJ1	265.68	After	Left Exterior Girder	7	0.95	1	1	3.291115
SU4_str	BOBJ1	265.68	After	Right Exterior Girder	7	0.95	1	1	3.291115
SU4_str	BOBJ1	268.08	Before	Left Exterior Girder	9.4	0.95	1	1	4.049027
SU4_str	BOBJ1	268.08	Before	Interior Girder 1	9.4	0.95	1	1	4.080338
SU4_str	BOBJ1	268.08	Before	Interior Girder 2	9.4	0.95	1	1	4.075063
SU4_str	BOBJ1	268.08	Before	Interior Girder 3	9.4	0.95	1	1	4.000804
SU4_str	BOBJ1	268.08	Before	Interior Girder 4	9.4	0.95	1	1	4.000804
SU4_str	BOBJ1	268.08	Before	Interior Girder 5	9.4	0.95	1	1	4.075063
SU4_str	BOBJ1	268.08	Before	Interior Girder 6	9.4	0.95	1	1	4.080338
SU4_str	BOBJ1	268.08	Before	Right Exterior Girder	9.4	0.95	1	1	4.049027
SU4_str	BOBJ1	268.08	After	Left Exterior Girder	9.4	0.95	1	1	3.950937
SU4_str	BOBJ1	268.08	After	Interior Girder 1	9.4	0.95	1	1	4.161545
SU4_str	BOBJ1	268.08	After	Interior Girder 2	9.4	0.95	1	1	4.130288
SU4_str	BOBJ1	268.08	After	Interior Girder 3	9.4	0.95	1	1	4.016565
SU4_str	BOBJ1	268.08	After	Interior Girder 4	9.4	0.95	1	1	4.016565
SU4_str	BOBJ1	268.08	After	Interior Girder 5	9.4	0.95	1	1	4.130288
SU4_str	BOBJ1	268.08	After	Interior Girder 6	9.4	0.95	1	1	4.161545
SU4_str	BOBJ1	268.08	After	Right Exterior Girder	9.4	0.95	1	1	3.950937
SU4_str	BOBJ1	277.48	Before	Left Exterior Girder	18.8	0.95	1	1	3.687339
SU4_str	BOBJ1	277.48	Before	Interior Girder 1	18.8	0.95	1	1	3.070104
SU4_str	BOBJ1	277.48	Before	Interior Girder 2	18.8	0.95	1	1	2.824467
SU4_str	BOBJ1	277.48	Before	Interior Girder 3	18.8	0.95	1	1	2.739644
SU4_str	BOBJ1	277.48	Before	Interior Girder 4	18.8	0.95	1	1	2.739644
SU4_str	BOBJ1	277.48	Before	Interior Girder 5	18.8	0.95	1	1	2.824467
SU4_str	BOBJ1	277.48	Before	Interior Girder 6	18.8	0.95	1	1	3.070104
SU4_str	BOBJ1	277.48	Before	Right Exterior Girder	18.8	0.95	1	1	3.687339
SU4_str	BOBJ1	277.48	After	Left Exterior Girder	18.8	0.95	1	1	3.767849
SU4_str	BOBJ1	277.48	After	Interior Girder 1	18.8	0.95	1	1	3.016971
SU4_str	BOBJ1	277.48	After	Interior Girder 2	18.8	0.95	1	1	2.8263
SU4_str	BOBJ1	277.48	After	Interior Girder 3	18.8	0.95	1	1	2.772184
SU4_str	BOBJ1	277.48	After	Interior Girder 4	18.8	0.95	1	1	2.772184

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelINonCompStrgth-Flx - Approach, Span 7-11									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
SU4_str	BOBJ1	277.48	After	Interior Girder 5	18.8	0.95	1	1	2.8263
SU4_str	BOBJ1	277.48	After	Interior Girder 6	18.8	0.95	1	1	3.016971
SU4_str	BOBJ1	277.48	After	Right Exterior Girder	18.8	0.95	1	1	3.767849
SU4_str	BOBJ1	286.88	Before	Left Exterior Girder	28.2	0.95	1	1	2.586396
SU4_str	BOBJ1	286.88	Before	Interior Girder 1	28.2	0.95	1	1	1.948736
SU4_str	BOBJ1	286.88	Before	Interior Girder 2	28.2	0.95	1	1	1.880332
SU4_str	BOBJ1	286.88	Before	Interior Girder 3	28.2	0.95	1	1	1.810162
SU4_str	BOBJ1	286.88	Before	Interior Girder 4	28.2	0.95	1	1	1.810162
SU4_str	BOBJ1	286.88	Before	Interior Girder 5	28.2	0.95	1	1	1.880332
SU4_str	BOBJ1	286.88	Before	Interior Girder 6	28.2	0.95	1	1	1.948736
SU4_str	BOBJ1	286.88	Before	Right Exterior Girder	28.2	0.95	1	1	2.586396
SU4_str	BOBJ1	286.88	After	Left Exterior Girder	28.2	0.95	1	1	2.599286
SU4_str	BOBJ1	286.88	After	Interior Girder 1	28.2	0.95	1	1	1.939514
SU4_str	BOBJ1	286.88	After	Interior Girder 2	28.2	0.95	1	1	1.881239
SU4_str	BOBJ1	286.88	After	Interior Girder 3	28.2	0.95	1	1	1.817205
SU4_str	BOBJ1	286.88	After	Interior Girder 4	28.2	0.95	1	1	1.817205
SU4_str	BOBJ1	286.88	After	Interior Girder 5	28.2	0.95	1	1	1.881239
SU4_str	BOBJ1	286.88	After	Interior Girder 6	28.2	0.95	1	1	1.939514
SU4_str	BOBJ1	286.88	After	Right Exterior Girder	28.2	0.95	1	1	2.599286
SU4_str	BOBJ1	296.28	Before	Left Exterior Girder	37.6	0.95	1	1	2.382174
SU4_str	BOBJ1	296.28	Before	Interior Girder 1	37.6	0.95	1	1	2.047207
SU4_str	BOBJ1	296.28	Before	Interior Girder 2	37.6	0.95	1	1	1.960208
SU4_str	BOBJ1	296.28	Before	Interior Girder 3	37.6	0.95	1	1	1.937562
SU4_str	BOBJ1	296.28	Before	Interior Girder 4	37.6	0.95	1	1	1.937562
SU4_str	BOBJ1	296.28	Before	Interior Girder 5	37.6	0.95	1	1	1.960208
SU4_str	BOBJ1	296.28	Before	Interior Girder 6	37.6	0.95	1	1	2.047207
SU4_str	BOBJ1	296.28	Before	Right Exterior Girder	37.6	0.95	1	1	2.382174
SU4_str	BOBJ1	296.28	After	Left Exterior Girder	37.6	0.95	1	1	2.353079
SU4_str	BOBJ1	296.28	After	Interior Girder 1	37.6	0.95	1	1	2.06815
SU4_str	BOBJ1	296.28	After	Interior Girder 2	37.6	0.95	1	1	1.95736
SU4_str	BOBJ1	296.28	After	Interior Girder 3	37.6	0.95	1	1	1.923949
SU4_str	BOBJ1	296.28	After	Interior Girder 4	37.6	0.95	1	1	1.923949
SU4_str	BOBJ1	296.28	After	Interior Girder 5	37.6	0.95	1	1	1.95736
SU4_str	BOBJ1	296.28	After	Interior Girder 6	37.6	0.95	1	1	2.06815
SU4_str	BOBJ1	296.28	After	Right Exterior Girder	37.6	0.95	1	1	2.353079
SU4_str	BOBJ1	305.69	Before	Left Exterior Girder	47.01	0.95	1	1	4.32617
SU4_str	BOBJ1	305.69	Before	Interior Girder 1	47.01	0.95	1	1	2.906119
SU4_str	BOBJ1	305.69	Before	Interior Girder 2	47.01	0.95	1	1	2.782686
SU4_str	BOBJ1	305.69	Before	Interior Girder 3	47.01	0.95	1	1	2.606845
SU4_str	BOBJ1	305.69	Before	Interior Girder 4	47.01	0.95	1	1	2.606845
SU4_str	BOBJ1	305.69	Before	Interior Girder 5	47.01	0.95	1	1	2.782686
SU4_str	BOBJ1	305.69	Before	Interior Girder 6	47.01	0.95	1	1	2.906119
SU4_str	BOBJ1	305.69	Before	Right Exterior Girder	47.01	0.95	1	1	4.32617
SU4_str	BOBJ1	305.69	After	Left Exterior Girder	47.01	0.95	1	1	4.316522
SU4_str	BOBJ1	305.69	After	Interior Girder 1	47.01	0.95	1	1	2.915004
SU4_str	BOBJ1	305.69	After	Interior Girder 2	47.01	0.95	1	1	2.732607
SU4_str	BOBJ1	305.69	After	Interior Girder 3	47.01	0.95	1	1	2.513409
SU4_str	BOBJ1	305.69	After	Interior Girder 4	47.01	0.95	1	1	2.513409
SU4_str	BOBJ1	305.69	After	Interior Girder 5	47.01	0.95	1	1	2.732607
SU4_str	BOBJ1	305.69	After	Interior Girder 6	47.01	0.95	1	1	2.915004
SU4_str	BOBJ1	305.69	After	Right Exterior Girder	47.01	0.95	1	1	4.316522
SU4_str	BOBJ1	315.1	Before	Left Exterior Girder	56.42	0.95	1	1	345.631125
SU4_str	BOBJ1	315.1	Before	Interior Girder 1	56.42	0.95	1	1	290.236146
SU4_str	BOBJ1	315.1	Before	Interior Girder 2	56.42	0.95	1	1	214.835913
SU4_str	BOBJ1	315.1	Before	Interior Girder 3	56.42	0.95	1	1	158.554178
SU4_str	BOBJ1	315.1	Before	Interior Girder 4	56.42	0.95	1	1	158.554178
SU4_str	BOBJ1	315.1	Before	Interior Girder 5	56.42	0.95	1	1	214.835914
SU4_str	BOBJ1	315.1	Before	Interior Girder 6	56.42	0.95	1	1	290.236145
SU4_str	BOBJ1	315.1	Before	Right Exterior Girder	56.42	0.95	1	1	345.631127
SU5_str	BOBJ1	0	After	Left Exterior Girder	0	0.95	1	1	301.291327
SU5_str	BOBJ1	0	After	Interior Girder 1	0	0.95	1	1	253.654734
SU5_str	BOBJ1	0	After	Interior Girder 2	0	0.95	1	1	203.525912
SU5_str	BOBJ1	0	After	Interior Girder 3	0	0.95	1	1	140.99067
SU5_str	BOBJ1	0	After	Interior Girder 4	0	0.95	1	1	140.990669
SU5_str	BOBJ1	0	After	Interior Girder 5	0	0.95	1	1	203.525912

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelINonCompStrgth-Flx - Approach, Span 7-11									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
SU5_str	BOBJ1	0	After	Interior Girder 6	0	0.95	1	1	253.654738
SU5_str	BOBJ1	0	After	Right Exterior Girder	0	0.95	1	1	301.291328
SU5_str	BOBJ1	9.4	Before	Left Exterior Girder	9.4	0.95	1	1	3.872068
SU5_str	BOBJ1	9.4	Before	Interior Girder 1	9.4	0.95	1	1	2.681687
SU5_str	BOBJ1	9.4	Before	Interior Girder 2	9.4	0.95	1	1	2.51152
SU5_str	BOBJ1	9.4	Before	Interior Girder 3	9.4	0.95	1	1	2.335823
SU5_str	BOBJ1	9.4	Before	Interior Girder 4	9.4	0.95	1	1	2.335823
SU5_str	BOBJ1	9.4	Before	Interior Girder 5	9.4	0.95	1	1	2.51152
SU5_str	BOBJ1	9.4	Before	Interior Girder 6	9.4	0.95	1	1	2.681687
SU5_str	BOBJ1	9.4	Before	Right Exterior Girder	9.4	0.95	1	1	3.872068
SU5_str	BOBJ1	9.4	After	Left Exterior Girder	9.4	0.95	1	1	3.889316
SU5_str	BOBJ1	9.4	After	Interior Girder 1	9.4	0.95	1	1	2.67071
SU5_str	BOBJ1	9.4	After	Interior Girder 2	9.4	0.95	1	1	2.553381
SU5_str	BOBJ1	9.4	After	Interior Girder 3	9.4	0.95	1	1	2.417151
SU5_str	BOBJ1	9.4	After	Interior Girder 4	9.4	0.95	1	1	2.417151
SU5_str	BOBJ1	9.4	After	Interior Girder 5	9.4	0.95	1	1	2.553381
SU5_str	BOBJ1	9.4	After	Interior Girder 6	9.4	0.95	1	1	2.67071
SU5_str	BOBJ1	9.4	After	Right Exterior Girder	9.4	0.95	1	1	3.889316
SU5_str	BOBJ1	18.8	Before	Left Exterior Girder	18.8	0.95	1	1	2.121804
SU5_str	BOBJ1	18.8	Before	Interior Girder 1	18.8	0.95	1	1	1.882868
SU5_str	BOBJ1	18.8	Before	Interior Girder 2	18.8	0.95	1	1	1.78877
SU5_str	BOBJ1	18.8	Before	Interior Girder 3	18.8	0.95	1	1	1.762418
SU5_str	BOBJ1	18.8	Before	Interior Girder 4	18.8	0.95	1	1	1.762418
SU5_str	BOBJ1	18.8	Before	Interior Girder 5	18.8	0.95	1	1	1.78877
SU5_str	BOBJ1	18.8	Before	Interior Girder 6	18.8	0.95	1	1	1.882868
SU5_str	BOBJ1	18.8	Before	Right Exterior Girder	18.8	0.95	1	1	2.121804
SU5_str	BOBJ1	18.8	After	Left Exterior Girder	18.8	0.95	1	1	2.148019
SU5_str	BOBJ1	18.8	After	Interior Girder 1	18.8	0.95	1	1	1.864415
SU5_str	BOBJ1	18.8	After	Interior Girder 2	18.8	0.95	1	1	1.791149
SU5_str	BOBJ1	18.8	After	Interior Girder 3	18.8	0.95	1	1	1.775077
SU5_str	BOBJ1	18.8	After	Interior Girder 4	18.8	0.95	1	1	1.775077
SU5_str	BOBJ1	18.8	After	Interior Girder 5	18.8	0.95	1	1	1.791149
SU5_str	BOBJ1	18.8	After	Interior Girder 6	18.8	0.95	1	1	1.864415
SU5_str	BOBJ1	18.8	After	Right Exterior Girder	18.8	0.95	1	1	2.148019
SU5_str	BOBJ1	28.2	Before	Left Exterior Girder	28.2	0.95	1	1	2.361708
SU5_str	BOBJ1	28.2	Before	Interior Girder 1	28.2	0.95	1	1	1.789703
SU5_str	BOBJ1	28.2	Before	Interior Girder 2	28.2	0.95	1	1	1.735408
SU5_str	BOBJ1	28.2	Before	Interior Girder 3	28.2	0.95	1	1	1.678908
SU5_str	BOBJ1	28.2	Before	Interior Girder 4	28.2	0.95	1	1	1.678908
SU5_str	BOBJ1	28.2	Before	Interior Girder 5	28.2	0.95	1	1	1.735408
SU5_str	BOBJ1	28.2	Before	Interior Girder 6	28.2	0.95	1	1	1.789703
SU5_str	BOBJ1	28.2	Before	Right Exterior Girder	28.2	0.95	1	1	2.361708
SU5_str	BOBJ1	28.2	After	Left Exterior Girder	28.2	0.95	1	1	2.349792
SU5_str	BOBJ1	28.2	After	Interior Girder 1	28.2	0.95	1	1	1.796167
SU5_str	BOBJ1	28.2	After	Interior Girder 2	28.2	0.95	1	1	1.734254
SU5_str	BOBJ1	28.2	After	Interior Girder 3	28.2	0.95	1	1	1.67173
SU5_str	BOBJ1	28.2	After	Interior Girder 4	28.2	0.95	1	1	1.67173
SU5_str	BOBJ1	28.2	After	Interior Girder 5	28.2	0.95	1	1	1.734254
SU5_str	BOBJ1	28.2	After	Interior Girder 6	28.2	0.95	1	1	1.796167
SU5_str	BOBJ1	28.2	After	Right Exterior Girder	28.2	0.95	1	1	2.349792
SU5_str	BOBJ1	37.6	Before	Left Exterior Girder	37.6	0.95	1	1	3.406752
SU5_str	BOBJ1	37.6	Before	Interior Girder 1	37.6	0.95	1	1	2.766092
SU5_str	BOBJ1	37.6	Before	Interior Girder 2	37.6	0.95	1	1	2.594189
SU5_str	BOBJ1	37.6	Before	Interior Girder 3	37.6	0.95	1	1	2.550236
SU5_str	BOBJ1	37.6	Before	Interior Girder 4	37.6	0.95	1	1	2.550236
SU5_str	BOBJ1	37.6	Before	Interior Girder 5	37.6	0.95	1	1	2.594189
SU5_str	BOBJ1	37.6	Before	Interior Girder 6	37.6	0.95	1	1	2.766092
SU5_str	BOBJ1	37.6	Before	Right Exterior Girder	37.6	0.95	1	1	3.406752
SU5_str	BOBJ1	37.6	After	Left Exterior Girder	37.6	0.95	1	1	3.330979
SU5_str	BOBJ1	37.6	After	Interior Girder 1	37.6	0.95	1	1	2.815178
SU5_str	BOBJ1	37.6	After	Interior Girder 2	37.6	0.95	1	1	2.592242
SU5_str	BOBJ1	37.6	After	Interior Girder 3	37.6	0.95	1	1	2.517686
SU5_str	BOBJ1	37.6	After	Interior Girder 4	37.6	0.95	1	1	2.517686
SU5_str	BOBJ1	37.6	After	Interior Girder 5	37.6	0.95	1	1	2.592242
SU5_str	BOBJ1	37.6	After	Interior Girder 6	37.6	0.95	1	1	2.815178

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelINonCompStrgth-Flx - Approach, Span 7-11									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
SU5_str	BOBJ1	37.6	After	Right Exterior Girder	37.6	0.95	1	1	3.330979
SU5_str	BOBJ1	47.01	Before	Left Exterior Girder	47.01	0.95	1	1	3.503707
SU5_str	BOBJ1	47.01	Before	Interior Girder 1	47.01	0.95	1	1	3.689079
SU5_str	BOBJ1	47.01	Before	Interior Girder 2	47.01	0.95	1	1	3.660724
SU5_str	BOBJ1	47.01	Before	Interior Girder 3	47.01	0.95	1	1	3.569519
SU5_str	BOBJ1	47.01	Before	Interior Girder 4	47.01	0.95	1	1	3.569519
SU5_str	BOBJ1	47.01	Before	Interior Girder 5	47.01	0.95	1	1	3.660724
SU5_str	BOBJ1	47.01	Before	Interior Girder 6	47.01	0.95	1	1	3.689079
SU5_str	BOBJ1	47.01	Before	Right Exterior Girder	47.01	0.95	1	1	3.503707
SU5_str	BOBJ1	47.01	After	Left Exterior Girder	47.01	0.95	1	1	3.59209
SU5_str	BOBJ1	47.01	After	Interior Girder 1	47.01	0.95	1	1	3.618335
SU5_str	BOBJ1	47.01	After	Interior Girder 2	47.01	0.95	1	1	3.612405
SU5_str	BOBJ1	47.01	After	Interior Girder 3	47.01	0.95	1	1	3.554776
SU5_str	BOBJ1	47.01	After	Interior Girder 4	47.01	0.95	1	1	3.554776
SU5_str	BOBJ1	47.01	After	Interior Girder 5	47.01	0.95	1	1	3.612405
SU5_str	BOBJ1	47.01	After	Interior Girder 6	47.01	0.95	1	1	3.618335
SU5_str	BOBJ1	47.01	After	Right Exterior Girder	47.01	0.95	1	1	3.59209
SU5_str	BOBJ1	49.42	Before	Left Exterior Girder	49.42	0.95	1	1	2.905394
SU5_str	BOBJ1	49.42	Before	Right Exterior Girder	49.42	0.95	1	1	2.905394
SU5_str	BOBJ1	49.42	After	Left Exterior Girder	49.42	0.95	1	1	5.275987
SU5_str	BOBJ1	49.42	After	Right Exterior Girder	49.42	0.95	1	1	5.275987
SU5_str	BOBJ1	51.92	Before	Interior Girder 1	51.92	0.95	1	1	2.642848
SU5_str	BOBJ1	51.92	Before	Interior Girder 2	51.92	0.95	1	1	2.655163
SU5_str	BOBJ1	51.92	Before	Interior Girder 3	51.92	0.95	1	1	2.456194
SU5_str	BOBJ1	51.92	Before	Interior Girder 4	51.92	0.95	1	1	2.456194
SU5_str	BOBJ1	51.92	Before	Interior Girder 5	51.92	0.95	1	1	2.655163
SU5_str	BOBJ1	51.92	Before	Interior Girder 6	51.92	0.95	1	1	2.642848
SU5_str	BOBJ1	51.92	After	Interior Girder 1	51.92	0.95	1	1	3.323946
SU5_str	BOBJ1	51.92	After	Interior Girder 2	51.92	0.95	1	1	3.242423
SU5_str	BOBJ1	51.92	After	Interior Girder 3	51.92	0.95	1	1	3.038937
SU5_str	BOBJ1	51.92	After	Interior Girder 4	51.92	0.95	1	1	3.038937
SU5_str	BOBJ1	51.92	After	Interior Girder 5	51.92	0.95	1	1	3.242423
SU5_str	BOBJ1	51.92	After	Interior Girder 6	51.92	0.95	1	1	3.323946
SU5_str	BOBJ1	56.42	Before	Left Exterior Girder	56.42	0.95	1	1	3.304067
SU5_str	BOBJ1	56.42	Before	Interior Girder 1	56.42	0.95	1	1	2.361749
SU5_str	BOBJ1	56.42	Before	Interior Girder 2	56.42	0.95	1	1	2.250259
SU5_str	BOBJ1	56.42	Before	Interior Girder 3	56.42	0.95	1	1	1.81101
SU5_str	BOBJ1	56.42	Before	Interior Girder 4	56.42	0.95	1	1	1.81101
SU5_str	BOBJ1	56.42	Before	Interior Girder 5	56.42	0.95	1	1	2.250259
SU5_str	BOBJ1	56.42	Before	Interior Girder 6	56.42	0.95	1	1	2.361749
SU5_str	BOBJ1	56.42	Before	Right Exterior Girder	56.42	0.95	1	1	3.304067
SU5_str	BOBJ1	56.42	After	Left Exterior Girder	0	0.95	1	1	3.386355
SU5_str	BOBJ1	56.42	After	Interior Girder 1	0	0.95	1	1	2.34042
SU5_str	BOBJ1	56.42	After	Interior Girder 2	0	0.95	1	1	2.27648
SU5_str	BOBJ1	56.42	After	Interior Girder 3	0	0.95	1	1	1.869622
SU5_str	BOBJ1	56.42	After	Interior Girder 4	0	0.95	1	1	1.869622
SU5_str	BOBJ1	56.42	After	Interior Girder 5	0	0.95	1	1	2.27648
SU5_str	BOBJ1	56.42	After	Interior Girder 6	0	0.95	1	1	2.34042
SU5_str	BOBJ1	56.42	After	Right Exterior Girder	0	0.95	1	1	3.386355
SU5_str	BOBJ1	60.92	Before	Interior Girder 1	4.5	0.95	1	1	3.962643
SU5_str	BOBJ1	60.92	Before	Interior Girder 2	4.5	0.95	1	1	3.760253
SU5_str	BOBJ1	60.92	Before	Interior Girder 3	4.5	0.95	1	1	3.422633
SU5_str	BOBJ1	60.92	Before	Interior Girder 4	4.5	0.95	1	1	3.422633
SU5_str	BOBJ1	60.92	Before	Interior Girder 5	4.5	0.95	1	1	3.760253
SU5_str	BOBJ1	60.92	Before	Interior Girder 6	4.5	0.95	1	1	3.962643
SU5_str	BOBJ1	60.92	After	Interior Girder 1	4.5	0.95	1	1	3.169752
SU5_str	BOBJ1	60.92	After	Interior Girder 2	4.5	0.95	1	1	3.083025
SU5_str	BOBJ1	60.92	After	Interior Girder 3	4.5	0.95	1	1	2.771111
SU5_str	BOBJ1	60.92	After	Interior Girder 4	4.5	0.95	1	1	2.771111
SU5_str	BOBJ1	60.92	After	Interior Girder 5	4.5	0.95	1	1	3.083025
SU5_str	BOBJ1	60.92	After	Interior Girder 6	4.5	0.95	1	1	3.169752
SU5_str	BOBJ1	63.42	Before	Left Exterior Girder	7	0.95	1	1	6.638644
SU5_str	BOBJ1	63.42	Before	Right Exterior Girder	7	0.95	1	1	6.638644
SU5_str	BOBJ1	63.42	After	Left Exterior Girder	7	0.95	1	1	3.645135
SU5_str	BOBJ1	63.42	After	Right Exterior Girder	7	0.95	1	1	3.645135

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelINonCompStrgth-Flx - Approach, Span 7-11									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
SU5_str	BOBJ1	64.845	Before	Left Exterior Girder	8.425	0.95	1	1	4.109059
SU5_str	BOBJ1	64.845	Before	Interior Girder 1	8.425	0.95	1	1	4.081843
SU5_str	BOBJ1	64.845	Before	Interior Girder 2	8.425	0.95	1	1	3.933862
SU5_str	BOBJ1	64.845	Before	Interior Girder 3	8.425	0.95	1	1	3.800637
SU5_str	BOBJ1	64.845	Before	Interior Girder 4	8.425	0.95	1	1	3.800637
SU5_str	BOBJ1	64.845	Before	Interior Girder 5	8.425	0.95	1	1	3.933862
SU5_str	BOBJ1	64.845	Before	Interior Girder 6	8.425	0.95	1	1	4.081843
SU5_str	BOBJ1	64.845	Before	Right Exterior Girder	8.425	0.95	1	1	4.109059
SU5_str	BOBJ1	64.845	After	Left Exterior Girder	8.425	0.95	1	1	4.059756
SU5_str	BOBJ1	64.845	After	Interior Girder 1	8.425	0.95	1	1	4.132906
SU5_str	BOBJ1	64.845	After	Interior Girder 2	8.425	0.95	1	1	3.978773
SU5_str	BOBJ1	64.845	After	Interior Girder 3	8.425	0.95	1	1	3.824235
SU5_str	BOBJ1	64.845	After	Interior Girder 4	8.425	0.95	1	1	3.824235
SU5_str	BOBJ1	64.845	After	Interior Girder 5	8.425	0.95	1	1	3.978773
SU5_str	BOBJ1	64.845	After	Interior Girder 6	8.425	0.95	1	1	4.132906
SU5_str	BOBJ1	64.845	After	Right Exterior Girder	8.425	0.95	1	1	4.059756
SU5_str	BOBJ1	69.92	Before	Left Exterior Girder	13.5	0.95	1	1	5.721834
SU5_str	BOBJ1	69.92	Before	Interior Girder 1	13.5	0.95	1	1	4.536455
SU5_str	BOBJ1	69.92	Before	Interior Girder 2	13.5	0.95	1	1	4.099378
SU5_str	BOBJ1	69.92	Before	Interior Girder 3	13.5	0.95	1	1	3.982854
SU5_str	BOBJ1	69.92	Before	Interior Girder 4	13.5	0.95	1	1	3.982854
SU5_str	BOBJ1	69.92	Before	Interior Girder 5	13.5	0.95	1	1	4.099378
SU5_str	BOBJ1	69.92	Before	Interior Girder 6	13.5	0.95	1	1	4.536455
SU5_str	BOBJ1	69.92	Before	Right Exterior Girder	13.5	0.95	1	1	5.721834
SU5_str	BOBJ1	69.92	After	Left Exterior Girder	13.5	0.95	1	1	4.892275
SU5_str	BOBJ1	69.92	After	Interior Girder 1	13.5	0.95	1	1	4.239122
SU5_str	BOBJ1	69.92	After	Interior Girder 2	13.5	0.95	1	1	3.859118
SU5_str	BOBJ1	69.92	After	Interior Girder 3	13.5	0.95	1	1	3.79096
SU5_str	BOBJ1	69.92	After	Interior Girder 4	13.5	0.95	1	1	3.79096
SU5_str	BOBJ1	69.92	After	Interior Girder 5	13.5	0.95	1	1	3.859118
SU5_str	BOBJ1	69.92	After	Interior Girder 6	13.5	0.95	1	1	4.239122
SU5_str	BOBJ1	69.92	After	Right Exterior Girder	13.5	0.95	1	1	4.892275
SU5_str	BOBJ1	73.27	Before	Left Exterior Girder	16.85	0.95	1	1	4.060525
SU5_str	BOBJ1	73.27	Before	Interior Girder 1	16.85	0.95	1	1	3.354383
SU5_str	BOBJ1	73.27	Before	Interior Girder 2	16.85	0.95	1	1	3.065494
SU5_str	BOBJ1	73.27	Before	Interior Girder 3	16.85	0.95	1	1	2.995946
SU5_str	BOBJ1	73.27	Before	Interior Girder 4	16.85	0.95	1	1	2.995946
SU5_str	BOBJ1	73.27	Before	Interior Girder 5	16.85	0.95	1	1	3.065494
SU5_str	BOBJ1	73.27	Before	Interior Girder 6	16.85	0.95	1	1	3.354383
SU5_str	BOBJ1	73.27	Before	Right Exterior Girder	16.85	0.95	1	1	4.060525
SU5_str	BOBJ1	73.27	After	Left Exterior Girder	16.85	0.95	1	1	4.157918
SU5_str	BOBJ1	73.27	After	Interior Girder 1	16.85	0.95	1	1	3.295709
SU5_str	BOBJ1	73.27	After	Interior Girder 2	16.85	0.95	1	1	3.046903
SU5_str	BOBJ1	73.27	After	Interior Girder 3	16.85	0.95	1	1	3.00707
SU5_str	BOBJ1	73.27	After	Interior Girder 4	16.85	0.95	1	1	3.00707
SU5_str	BOBJ1	73.27	After	Interior Girder 5	16.85	0.95	1	1	3.046903
SU5_str	BOBJ1	73.27	After	Interior Girder 6	16.85	0.95	1	1	3.295709
SU5_str	BOBJ1	73.27	After	Right Exterior Girder	16.85	0.95	1	1	4.157918
SU5_str	BOBJ1	81.695	Before	Left Exterior Girder	25.275	0.95	1	1	2.467581
SU5_str	BOBJ1	81.695	Before	Interior Girder 1	25.275	0.95	1	1	1.981043
SU5_str	BOBJ1	81.695	Before	Interior Girder 2	25.275	0.95	1	1	1.909395
SU5_str	BOBJ1	81.695	Before	Interior Girder 3	25.275	0.95	1	1	1.850288
SU5_str	BOBJ1	81.695	Before	Interior Girder 4	25.275	0.95	1	1	1.850288
SU5_str	BOBJ1	81.695	Before	Interior Girder 5	25.275	0.95	1	1	1.909395
SU5_str	BOBJ1	81.695	Before	Interior Girder 6	25.275	0.95	1	1	1.981043
SU5_str	BOBJ1	81.695	Before	Right Exterior Girder	25.275	0.95	1	1	2.467581
SU5_str	BOBJ1	81.695	After	Left Exterior Girder	25.275	0.95	1	1	2.50719
SU5_str	BOBJ1	81.695	After	Interior Girder 1	25.275	0.95	1	1	1.961871
SU5_str	BOBJ1	81.695	After	Interior Girder 2	25.275	0.95	1	1	1.90699
SU5_str	BOBJ1	81.695	After	Interior Girder 3	25.275	0.95	1	1	1.866157
SU5_str	BOBJ1	81.695	After	Interior Girder 4	25.275	0.95	1	1	1.866157
SU5_str	BOBJ1	81.695	After	Interior Girder 5	25.275	0.95	1	1	1.90699
SU5_str	BOBJ1	81.695	After	Interior Girder 6	25.275	0.95	1	1	1.961871
SU5_str	BOBJ1	81.695	After	Right Exterior Girder	25.275	0.95	1	1	2.50719
SU5_str	BOBJ1	90.12	Before	Left Exterior Girder	33.7	0.95	1	1	1.974849

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelINonCompStrgth-Flx - Approach, Span 7-11									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
SU5_str	BOBJ1	90.12	Before	Interior Girder 1	33.7	0.95	1	1	1.844648
SU5_str	BOBJ1	90.12	Before	Interior Girder 2	33.7	0.95	1	1	1.79916
SU5_str	BOBJ1	90.12	Before	Interior Girder 3	33.7	0.95	1	1	1.80531
SU5_str	BOBJ1	90.12	Before	Interior Girder 4	33.7	0.95	1	1	1.80531
SU5_str	BOBJ1	90.12	Before	Interior Girder 5	33.7	0.95	1	1	1.79916
SU5_str	BOBJ1	90.12	Before	Interior Girder 6	33.7	0.95	1	1	1.844648
SU5_str	BOBJ1	90.12	Before	Right Exterior Girder	33.7	0.95	1	1	1.974849
SU5_str	BOBJ1	90.12	After	Left Exterior Girder	33.7	0.95	1	1	1.977253
SU5_str	BOBJ1	90.12	After	Interior Girder 1	33.7	0.95	1	1	1.845856
SU5_str	BOBJ1	90.12	After	Interior Girder 2	33.7	0.95	1	1	1.79756
SU5_str	BOBJ1	90.12	After	Interior Girder 3	33.7	0.95	1	1	1.80537
SU5_str	BOBJ1	90.12	After	Interior Girder 4	33.7	0.95	1	1	1.80537
SU5_str	BOBJ1	90.12	After	Interior Girder 5	33.7	0.95	1	1	1.79756
SU5_str	BOBJ1	90.12	After	Interior Girder 6	33.7	0.95	1	1	1.845856
SU5_str	BOBJ1	90.12	After	Right Exterior Girder	33.7	0.95	1	1	1.977253
SU5_str	BOBJ1	98.545	Before	Left Exterior Girder	42.125	0.95	1	1	2.437396
SU5_str	BOBJ1	98.545	Before	Interior Girder 1	42.125	0.95	1	1	1.936662
SU5_str	BOBJ1	98.545	Before	Interior Girder 2	42.125	0.95	1	1	1.890402
SU5_str	BOBJ1	98.545	Before	Interior Girder 3	42.125	0.95	1	1	1.853871
SU5_str	BOBJ1	98.545	Before	Interior Girder 4	42.125	0.95	1	1	1.853871
SU5_str	BOBJ1	98.545	Before	Interior Girder 5	42.125	0.95	1	1	1.890402
SU5_str	BOBJ1	98.545	Before	Interior Girder 6	42.125	0.95	1	1	1.936662
SU5_str	BOBJ1	98.545	Before	Right Exterior Girder	42.125	0.95	1	1	2.437396
SU5_str	BOBJ1	98.545	After	Left Exterior Girder	42.125	0.95	1	1	2.405703
SU5_str	BOBJ1	98.545	After	Interior Girder 1	42.125	0.95	1	1	1.953754
SU5_str	BOBJ1	98.545	After	Interior Girder 2	42.125	0.95	1	1	1.89158
SU5_str	BOBJ1	98.545	After	Interior Girder 3	42.125	0.95	1	1	1.837926
SU5_str	BOBJ1	98.545	After	Interior Girder 4	42.125	0.95	1	1	1.837926
SU5_str	BOBJ1	98.545	After	Interior Girder 5	42.125	0.95	1	1	1.89158
SU5_str	BOBJ1	98.545	After	Interior Girder 6	42.125	0.95	1	1	1.953754
SU5_str	BOBJ1	98.545	After	Right Exterior Girder	42.125	0.95	1	1	2.405703
SU5_str	BOBJ1	106.97	Before	Left Exterior Girder	50.55	0.95	1	1	3.909054
SU5_str	BOBJ1	106.97	Before	Interior Girder 1	50.55	0.95	1	1	3.17316
SU5_str	BOBJ1	106.97	Before	Interior Girder 2	50.55	0.95	1	1	2.968858
SU5_str	BOBJ1	106.97	Before	Interior Girder 3	50.55	0.95	1	1	2.928426
SU5_str	BOBJ1	106.97	Before	Interior Girder 4	50.55	0.95	1	1	2.928426
SU5_str	BOBJ1	106.97	Before	Interior Girder 5	50.55	0.95	1	1	2.968858
SU5_str	BOBJ1	106.97	Before	Interior Girder 6	50.55	0.95	1	1	3.17316
SU5_str	BOBJ1	106.97	Before	Right Exterior Girder	50.55	0.95	1	1	3.909054
SU5_str	BOBJ1	106.97	After	Left Exterior Girder	50.55	0.95	1	1	3.811351
SU5_str	BOBJ1	106.97	After	Interior Girder 1	50.55	0.95	1	1	3.227481
SU5_str	BOBJ1	106.97	After	Interior Girder 2	50.55	0.95	1	1	2.969619
SU5_str	BOBJ1	106.97	After	Interior Girder 3	50.55	0.95	1	1	2.883775
SU5_str	BOBJ1	106.97	After	Interior Girder 4	50.55	0.95	1	1	2.883775
SU5_str	BOBJ1	106.97	After	Interior Girder 5	50.55	0.95	1	1	2.969619
SU5_str	BOBJ1	106.97	After	Interior Girder 6	50.55	0.95	1	1	3.227481
SU5_str	BOBJ1	106.97	After	Right Exterior Girder	50.55	0.95	1	1	3.811351
SU5_str	BOBJ1	115.405	Before	Left Exterior Girder	58.985	0.95	1	1	3.039098
SU5_str	BOBJ1	115.405	Before	Interior Girder 1	58.985	0.95	1	1	3.429377
SU5_str	BOBJ1	115.405	Before	Interior Girder 2	58.985	0.95	1	1	3.415302
SU5_str	BOBJ1	115.405	Before	Interior Girder 3	58.985	0.95	1	1	3.306769
SU5_str	BOBJ1	115.405	Before	Interior Girder 4	58.985	0.95	1	1	3.306769
SU5_str	BOBJ1	115.405	Before	Interior Girder 5	58.985	0.95	1	1	3.415302
SU5_str	BOBJ1	115.405	Before	Interior Girder 6	58.985	0.95	1	1	3.429377
SU5_str	BOBJ1	115.405	Before	Right Exterior Girder	58.985	0.95	1	1	3.039098
SU5_str	BOBJ1	115.405	After	Left Exterior Girder	58.985	0.95	1	1	3.126641
SU5_str	BOBJ1	115.405	After	Interior Girder 1	58.985	0.95	1	1	3.354778
SU5_str	BOBJ1	115.405	After	Interior Girder 2	58.985	0.95	1	1	3.377322
SU5_str	BOBJ1	115.405	After	Interior Girder 3	58.985	0.95	1	1	3.297779
SU5_str	BOBJ1	115.405	After	Interior Girder 4	58.985	0.95	1	1	3.297779
SU5_str	BOBJ1	115.405	After	Interior Girder 5	58.985	0.95	1	1	3.377322
SU5_str	BOBJ1	115.405	After	Interior Girder 6	58.985	0.95	1	1	3.354778
SU5_str	BOBJ1	115.405	After	Right Exterior Girder	58.985	0.95	1	1	3.126641
SU5_str	BOBJ1	116.34	Before	Left Exterior Girder	59.92	0.95	1	1	2.826486
SU5_str	BOBJ1	116.34	Before	Right Exterior Girder	59.92	0.95	1	1	2.826486

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelINonCompStrgth-Flx - Approach, Span 7-11									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
SU5_str	BOBJ1	116.34	After	Left Exterior Girder	59.92	0.95	1	1	5.923052
SU5_str	BOBJ1	116.34	After	Right Exterior Girder	59.92	0.95	1	1	5.923052
SU5_str	BOBJ1	118.84	Before	Interior Girder 1	62.42	0.95	1	1	2.695717
SU5_str	BOBJ1	118.84	Before	Interior Girder 2	62.42	0.95	1	1	2.71413
SU5_str	BOBJ1	118.84	Before	Interior Girder 3	62.42	0.95	1	1	2.523
SU5_str	BOBJ1	118.84	Before	Interior Girder 4	62.42	0.95	1	1	2.523
SU5_str	BOBJ1	118.84	Before	Interior Girder 5	62.42	0.95	1	1	2.71413
SU5_str	BOBJ1	118.84	Before	Interior Girder 6	62.42	0.95	1	1	2.695717
SU5_str	BOBJ1	118.84	After	Interior Girder 1	62.42	0.95	1	1	3.895075
SU5_str	BOBJ1	118.84	After	Interior Girder 2	62.42	0.95	1	1	3.803112
SU5_str	BOBJ1	118.84	After	Interior Girder 3	62.42	0.95	1	1	3.597493
SU5_str	BOBJ1	118.84	After	Interior Girder 4	62.42	0.95	1	1	3.597493
SU5_str	BOBJ1	118.84	After	Interior Girder 5	62.42	0.95	1	1	3.803112
SU5_str	BOBJ1	118.84	After	Interior Girder 6	62.42	0.95	1	1	3.895075
SU5_str	BOBJ1	123.84	Before	Left Exterior Girder	67.42	0.95	1	1	3.535576
SU5_str	BOBJ1	123.84	Before	Interior Girder 1	67.42	0.95	1	1	2.662334
SU5_str	BOBJ1	123.84	Before	Interior Girder 2	67.42	0.95	1	1	2.548264
SU5_str	BOBJ1	123.84	Before	Interior Girder 3	67.42	0.95	1	1	2.070904
SU5_str	BOBJ1	123.84	Before	Interior Girder 4	67.42	0.95	1	1	2.070904
SU5_str	BOBJ1	123.84	Before	Interior Girder 5	67.42	0.95	1	1	2.548264
SU5_str	BOBJ1	123.84	Before	Interior Girder 6	67.42	0.95	1	1	2.662334
SU5_str	BOBJ1	123.84	Before	Right Exterior Girder	67.42	0.95	1	1	3.535576
SU5_str	BOBJ1	123.84	After	Left Exterior Girder	0	0.95	1	1	3.499257
SU5_str	BOBJ1	123.84	After	Interior Girder 1	0	0.95	1	1	2.620962
SU5_str	BOBJ1	123.84	After	Interior Girder 2	0	0.95	1	1	2.536642
SU5_str	BOBJ1	123.84	After	Interior Girder 3	0	0.95	1	1	2.06609
SU5_str	BOBJ1	123.84	After	Interior Girder 4	0	0.95	1	1	2.06609
SU5_str	BOBJ1	123.84	After	Interior Girder 5	0	0.95	1	1	2.536642
SU5_str	BOBJ1	123.84	After	Interior Girder 6	0	0.95	1	1	2.620962
SU5_str	BOBJ1	123.84	After	Right Exterior Girder	0	0.95	1	1	3.499257
SU5_str	BOBJ1	128.84	Before	Interior Girder 1	5	0.95	1	1	3.98353
SU5_str	BOBJ1	128.84	Before	Interior Girder 2	5	0.95	1	1	3.873995
SU5_str	BOBJ1	128.84	Before	Interior Girder 3	5	0.95	1	1	3.645959
SU5_str	BOBJ1	128.84	Before	Interior Girder 4	5	0.95	1	1	3.645959
SU5_str	BOBJ1	128.84	Before	Interior Girder 5	5	0.95	1	1	3.873995
SU5_str	BOBJ1	128.84	Before	Interior Girder 6	5	0.95	1	1	3.98353
SU5_str	BOBJ1	128.84	After	Interior Girder 1	5	0.95	1	1	2.762668
SU5_str	BOBJ1	128.84	After	Interior Girder 2	5	0.95	1	1	2.76708
SU5_str	BOBJ1	128.84	After	Interior Girder 3	5	0.95	1	1	2.566654
SU5_str	BOBJ1	128.84	After	Interior Girder 4	5	0.95	1	1	2.566654
SU5_str	BOBJ1	128.84	After	Interior Girder 5	5	0.95	1	1	2.76708
SU5_str	BOBJ1	128.84	After	Interior Girder 6	5	0.95	1	1	2.762668
SU5_str	BOBJ1	131.34	Before	Left Exterior Girder	7.5	0.95	1	1	6.097851
SU5_str	BOBJ1	131.34	Before	Right Exterior Girder	7.5	0.95	1	1	6.097851
SU5_str	BOBJ1	131.34	After	Left Exterior Girder	7.5	0.95	1	1	2.913549
SU5_str	BOBJ1	131.34	After	Right Exterior Girder	7.5	0.95	1	1	2.913549
SU5_str	BOBJ1	132.265	Before	Left Exterior Girder	8.425	0.95	1	1	3.205504
SU5_str	BOBJ1	132.265	Before	Interior Girder 1	8.425	0.95	1	1	3.435022
SU5_str	BOBJ1	132.265	Before	Interior Girder 2	8.425	0.95	1	1	3.441637
SU5_str	BOBJ1	132.265	Before	Interior Girder 3	8.425	0.95	1	1	3.354818
SU5_str	BOBJ1	132.265	Before	Interior Girder 4	8.425	0.95	1	1	3.354818
SU5_str	BOBJ1	132.265	Before	Interior Girder 5	8.425	0.95	1	1	3.441637
SU5_str	BOBJ1	132.265	Before	Interior Girder 6	8.425	0.95	1	1	3.435022
SU5_str	BOBJ1	132.265	Before	Right Exterior Girder	8.425	0.95	1	1	3.205504
SU5_str	BOBJ1	132.265	After	Left Exterior Girder	8.425	0.95	1	1	3.11542
SU5_str	BOBJ1	132.265	After	Interior Girder 1	8.425	0.95	1	1	3.510354
SU5_str	BOBJ1	132.265	After	Interior Girder 2	8.425	0.95	1	1	3.480673
SU5_str	BOBJ1	132.265	After	Interior Girder 3	8.425	0.95	1	1	3.365614
SU5_str	BOBJ1	132.265	After	Interior Girder 4	8.425	0.95	1	1	3.365614
SU5_str	BOBJ1	132.265	After	Interior Girder 5	8.425	0.95	1	1	3.480673
SU5_str	BOBJ1	132.265	After	Interior Girder 6	8.425	0.95	1	1	3.510354
SU5_str	BOBJ1	132.265	After	Right Exterior Girder	8.425	0.95	1	1	3.11542
SU5_str	BOBJ1	140.69	Before	Left Exterior Girder	16.85	0.95	1	1	3.842441
SU5_str	BOBJ1	140.69	Before	Interior Girder 1	16.85	0.95	1	1	3.233491
SU5_str	BOBJ1	140.69	Before	Interior Girder 2	16.85	0.95	1	1	2.975836

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelINonCompStrgth-Flx - Approach, Span 7-11									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
SU5_str	BOBJ1	140.69	Before	Interior Girder 3	16.85	0.95	1	1	2.893326
SU5_str	BOBJ1	140.69	Before	Interior Girder 4	16.85	0.95	1	1	2.893326
SU5_str	BOBJ1	140.69	Before	Interior Girder 5	16.85	0.95	1	1	2.975836
SU5_str	BOBJ1	140.69	Before	Interior Girder 6	16.85	0.95	1	1	3.233491
SU5_str	BOBJ1	140.69	Before	Right Exterior Girder	16.85	0.95	1	1	3.842441
SU5_str	BOBJ1	140.69	After	Left Exterior Girder	16.85	0.95	1	1	3.94378
SU5_str	BOBJ1	140.69	After	Interior Girder 1	16.85	0.95	1	1	3.179549
SU5_str	BOBJ1	140.69	After	Interior Girder 2	16.85	0.95	1	1	2.974421
SU5_str	BOBJ1	140.69	After	Interior Girder 3	16.85	0.95	1	1	2.937366
SU5_str	BOBJ1	140.69	After	Interior Girder 4	16.85	0.95	1	1	2.937366
SU5_str	BOBJ1	140.69	After	Interior Girder 5	16.85	0.95	1	1	2.974421
SU5_str	BOBJ1	140.69	After	Interior Girder 6	16.85	0.95	1	1	3.179549
SU5_str	BOBJ1	140.69	After	Right Exterior Girder	16.85	0.95	1	1	3.94378
SU5_str	BOBJ1	149.115	Before	Left Exterior Girder	25.275	0.95	1	1	2.392412
SU5_str	BOBJ1	149.115	Before	Interior Girder 1	25.275	0.95	1	1	1.940424
SU5_str	BOBJ1	149.115	Before	Interior Girder 2	25.275	0.95	1	1	1.883509
SU5_str	BOBJ1	149.115	Before	Interior Girder 3	25.275	0.95	1	1	1.834905
SU5_str	BOBJ1	149.115	Before	Interior Girder 4	25.275	0.95	1	1	1.834905
SU5_str	BOBJ1	149.115	Before	Interior Girder 5	25.275	0.95	1	1	1.883509
SU5_str	BOBJ1	149.115	Before	Interior Girder 6	25.275	0.95	1	1	1.940424
SU5_str	BOBJ1	149.115	Before	Right Exterior Girder	25.275	0.95	1	1	2.392412
SU5_str	BOBJ1	149.115	After	Left Exterior Girder	25.275	0.95	1	1	2.425896
SU5_str	BOBJ1	149.115	After	Interior Girder 1	25.275	0.95	1	1	1.92382
SU5_str	BOBJ1	149.115	After	Interior Girder 2	25.275	0.95	1	1	1.881615
SU5_str	BOBJ1	149.115	After	Interior Girder 3	25.275	0.95	1	1	1.850428
SU5_str	BOBJ1	149.115	After	Interior Girder 4	25.275	0.95	1	1	1.850428
SU5_str	BOBJ1	149.115	After	Interior Girder 5	25.275	0.95	1	1	1.881615
SU5_str	BOBJ1	149.115	After	Interior Girder 6	25.275	0.95	1	1	1.92382
SU5_str	BOBJ1	149.115	After	Right Exterior Girder	25.275	0.95	1	1	2.425896
SU5_str	BOBJ1	157.54	Before	Left Exterior Girder	33.7	0.95	1	1	1.943575
SU5_str	BOBJ1	157.54	Before	Interior Girder 1	33.7	0.95	1	1	1.817183
SU5_str	BOBJ1	157.54	Before	Interior Girder 2	33.7	0.95	1	1	1.779886
SU5_str	BOBJ1	157.54	Before	Interior Girder 3	33.7	0.95	1	1	1.794971
SU5_str	BOBJ1	157.54	Before	Interior Girder 4	33.7	0.95	1	1	1.794971
SU5_str	BOBJ1	157.54	Before	Interior Girder 5	33.7	0.95	1	1	1.779886
SU5_str	BOBJ1	157.54	Before	Interior Girder 6	33.7	0.95	1	1	1.817183
SU5_str	BOBJ1	157.54	Before	Right Exterior Girder	33.7	0.95	1	1	1.943575
SU5_str	BOBJ1	157.54	After	Left Exterior Girder	33.7	0.95	1	1	1.943767
SU5_str	BOBJ1	157.54	After	Interior Girder 1	33.7	0.95	1	1	1.817225
SU5_str	BOBJ1	157.54	After	Interior Girder 2	33.7	0.95	1	1	1.779831
SU5_str	BOBJ1	157.54	After	Interior Girder 3	33.7	0.95	1	1	1.795044
SU5_str	BOBJ1	157.54	After	Interior Girder 4	33.7	0.95	1	1	1.795044
SU5_str	BOBJ1	157.54	After	Interior Girder 5	33.7	0.95	1	1	1.779831
SU5_str	BOBJ1	157.54	After	Interior Girder 6	33.7	0.95	1	1	1.817225
SU5_str	BOBJ1	157.54	After	Right Exterior Girder	33.7	0.95	1	1	1.943767
SU5_str	BOBJ1	165.965	Before	Left Exterior Girder	42.125	0.95	1	1	2.42389
SU5_str	BOBJ1	165.965	Before	Interior Girder 1	42.125	0.95	1	1	1.923033
SU5_str	BOBJ1	165.965	Before	Interior Girder 2	42.125	0.95	1	1	1.88087
SU5_str	BOBJ1	165.965	Before	Interior Girder 3	42.125	0.95	1	1	1.849576
SU5_str	BOBJ1	165.965	Before	Interior Girder 4	42.125	0.95	1	1	1.849576
SU5_str	BOBJ1	165.965	Before	Interior Girder 5	42.125	0.95	1	1	1.88087
SU5_str	BOBJ1	165.965	Before	Interior Girder 6	42.125	0.95	1	1	1.923033
SU5_str	BOBJ1	165.965	Before	Right Exterior Girder	42.125	0.95	1	1	2.42389
SU5_str	BOBJ1	165.965	After	Left Exterior Girder	42.125	0.95	1	1	2.390681
SU5_str	BOBJ1	165.965	After	Interior Girder 1	42.125	0.95	1	1	1.939548
SU5_str	BOBJ1	165.965	After	Interior Girder 2	42.125	0.95	1	1	1.882745
SU5_str	BOBJ1	165.965	After	Interior Girder 3	42.125	0.95	1	1	1.834136
SU5_str	BOBJ1	165.965	After	Interior Girder 4	42.125	0.95	1	1	1.834136
SU5_str	BOBJ1	165.965	After	Interior Girder 5	42.125	0.95	1	1	1.882745
SU5_str	BOBJ1	165.965	After	Interior Girder 6	42.125	0.95	1	1	1.939548
SU5_str	BOBJ1	165.965	After	Right Exterior Girder	42.125	0.95	1	1	2.390681
SU5_str	BOBJ1	174.39	Before	Left Exterior Girder	50.55	0.95	1	1	3.935765
SU5_str	BOBJ1	174.39	Before	Interior Girder 1	50.55	0.95	1	1	3.175942
SU5_str	BOBJ1	174.39	Before	Interior Girder 2	50.55	0.95	1	1	2.971382
SU5_str	BOBJ1	174.39	Before	Interior Girder 3	50.55	0.95	1	1	2.933756

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelINonCompStrgth-Flx - Approach, Span 7-11									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
SU5_str	BOBJ1	174.39	Before	Interior Girder 4	50.55	0.95	1	1	2.933756
SU5_str	BOBJ1	174.39	Before	Interior Girder 5	50.55	0.95	1	1	2.971382
SU5_str	BOBJ1	174.39	Before	Interior Girder 6	50.55	0.95	1	1	3.175942
SU5_str	BOBJ1	174.39	Before	Right Exterior Girder	50.55	0.95	1	1	3.935765
SU5_str	BOBJ1	174.39	After	Left Exterior Girder	50.55	0.95	1	1	3.834804
SU5_str	BOBJ1	174.39	After	Interior Girder 1	50.55	0.95	1	1	3.2299
SU5_str	BOBJ1	174.39	After	Interior Girder 2	50.55	0.95	1	1	2.972853
SU5_str	BOBJ1	174.39	After	Interior Girder 3	50.55	0.95	1	1	2.889863
SU5_str	BOBJ1	174.39	After	Interior Girder 4	50.55	0.95	1	1	2.889863
SU5_str	BOBJ1	174.39	After	Interior Girder 5	50.55	0.95	1	1	2.972853
SU5_str	BOBJ1	174.39	After	Interior Girder 6	50.55	0.95	1	1	3.2299
SU5_str	BOBJ1	174.39	After	Right Exterior Girder	50.55	0.95	1	1	3.834804
SU5_str	BOBJ1	182.825	Before	Left Exterior Girder	58.985	0.95	1	1	3.117603
SU5_str	BOBJ1	182.825	Before	Interior Girder 1	58.985	0.95	1	1	3.507292
SU5_str	BOBJ1	182.825	Before	Interior Girder 2	58.985	0.95	1	1	3.477218
SU5_str	BOBJ1	182.825	Before	Interior Girder 3	58.985	0.95	1	1	3.366457
SU5_str	BOBJ1	182.825	Before	Interior Girder 4	58.985	0.95	1	1	3.366457
SU5_str	BOBJ1	182.825	Before	Interior Girder 5	58.985	0.95	1	1	3.477218
SU5_str	BOBJ1	182.825	Before	Interior Girder 6	58.985	0.95	1	1	3.507292
SU5_str	BOBJ1	182.825	Before	Right Exterior Girder	58.985	0.95	1	1	3.117603
SU5_str	BOBJ1	182.825	After	Left Exterior Girder	58.985	0.95	1	1	3.207903
SU5_str	BOBJ1	182.825	After	Interior Girder 1	58.985	0.95	1	1	3.431984
SU5_str	BOBJ1	182.825	After	Interior Girder 2	58.985	0.95	1	1	3.438065
SU5_str	BOBJ1	182.825	After	Interior Girder 3	58.985	0.95	1	1	3.355981
SU5_str	BOBJ1	182.825	After	Interior Girder 4	58.985	0.95	1	1	3.355981
SU5_str	BOBJ1	182.825	After	Interior Girder 5	58.985	0.95	1	1	3.438065
SU5_str	BOBJ1	182.825	After	Interior Girder 6	58.985	0.95	1	1	3.431984
SU5_str	BOBJ1	182.825	After	Right Exterior Girder	58.985	0.95	1	1	3.207903
SU5_str	BOBJ1	183.76	Before	Left Exterior Girder	59.92	0.95	1	1	2.900249
SU5_str	BOBJ1	183.76	Before	Right Exterior Girder	59.92	0.95	1	1	2.900249
SU5_str	BOBJ1	183.76	After	Left Exterior Girder	59.92	0.95	1	1	6.077826
SU5_str	BOBJ1	183.76	After	Right Exterior Girder	59.92	0.95	1	1	6.077826
SU5_str	BOBJ1	186.26	Before	Interior Girder 1	62.42	0.95	1	1	2.756923
SU5_str	BOBJ1	186.26	Before	Interior Girder 2	62.42	0.95	1	1	2.761462
SU5_str	BOBJ1	186.26	Before	Interior Girder 3	62.42	0.95	1	1	2.565828
SU5_str	BOBJ1	186.26	Before	Interior Girder 4	62.42	0.95	1	1	2.565828
SU5_str	BOBJ1	186.26	Before	Interior Girder 5	62.42	0.95	1	1	2.761462
SU5_str	BOBJ1	186.26	Before	Interior Girder 6	62.42	0.95	1	1	2.756923
SU5_str	BOBJ1	186.26	After	Interior Girder 1	62.42	0.95	1	1	3.976832
SU5_str	BOBJ1	186.26	After	Interior Girder 2	62.42	0.95	1	1	3.867316
SU5_str	BOBJ1	186.26	After	Interior Girder 3	62.42	0.95	1	1	3.645622
SU5_str	BOBJ1	186.26	After	Interior Girder 4	62.42	0.95	1	1	3.645622
SU5_str	BOBJ1	186.26	After	Interior Girder 5	62.42	0.95	1	1	3.867316
SU5_str	BOBJ1	186.26	After	Interior Girder 6	62.42	0.95	1	1	3.976832
SU5_str	BOBJ1	191.26	Before	Left Exterior Girder	67.42	0.95	1	1	3.499189
SU5_str	BOBJ1	191.26	Before	Interior Girder 1	67.42	0.95	1	1	2.614594
SU5_str	BOBJ1	191.26	Before	Interior Girder 2	67.42	0.95	1	1	2.528771
SU5_str	BOBJ1	191.26	Before	Interior Girder 3	67.42	0.95	1	1	2.064838
SU5_str	BOBJ1	191.26	Before	Interior Girder 4	67.42	0.95	1	1	2.064838
SU5_str	BOBJ1	191.26	Before	Interior Girder 5	67.42	0.95	1	1	2.528771
SU5_str	BOBJ1	191.26	Before	Interior Girder 6	67.42	0.95	1	1	2.614594
SU5_str	BOBJ1	191.26	Before	Right Exterior Girder	67.42	0.95	1	1	3.499189
SU5_str	BOBJ1	191.26	After	Left Exterior Girder	0	0.95	1	1	3.530348
SU5_str	BOBJ1	191.26	After	Interior Girder 1	0	0.95	1	1	2.665384
SU5_str	BOBJ1	191.26	After	Interior Girder 2	0	0.95	1	1	2.553512
SU5_str	BOBJ1	191.26	After	Interior Girder 3	0	0.95	1	1	2.070326
SU5_str	BOBJ1	191.26	After	Interior Girder 4	0	0.95	1	1	2.070326
SU5_str	BOBJ1	191.26	After	Interior Girder 5	0	0.95	1	1	2.553512
SU5_str	BOBJ1	191.26	After	Interior Girder 6	0	0.95	1	1	2.665384
SU5_str	BOBJ1	191.26	After	Right Exterior Girder	0	0.95	1	1	3.530348
SU5_str	BOBJ1	196.26	Before	Interior Girder 1	5	0.95	1	1	3.89824
SU5_str	BOBJ1	196.26	Before	Interior Girder 2	5	0.95	1	1	3.80732
SU5_str	BOBJ1	196.26	Before	Interior Girder 3	5	0.95	1	1	3.595886
SU5_str	BOBJ1	196.26	Before	Interior Girder 4	5	0.95	1	1	3.595886
SU5_str	BOBJ1	196.26	Before	Interior Girder 5	5	0.95	1	1	3.80732

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelINonCompStrgth-Flx - Approach, Span 7-11									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
SU5_str	BOBJ1	196.26	Before	Interior Girder 6	5	0.95	1	1	3.89824
SU5_str	BOBJ1	196.26	After	Interior Girder 1	5	0.95	1	1	2.697887
SU5_str	BOBJ1	196.26	After	Interior Girder 2	5	0.95	1	1	2.717281
SU5_str	BOBJ1	196.26	After	Interior Girder 3	5	0.95	1	1	2.521943
SU5_str	BOBJ1	196.26	After	Interior Girder 4	5	0.95	1	1	2.521943
SU5_str	BOBJ1	196.26	After	Interior Girder 5	5	0.95	1	1	2.717281
SU5_str	BOBJ1	196.26	After	Interior Girder 6	5	0.95	1	1	2.697887
SU5_str	BOBJ1	198.76	Before	Left Exterior Girder	7.5	0.95	1	1	5.938601
SU5_str	BOBJ1	198.76	Before	Right Exterior Girder	7.5	0.95	1	1	5.938601
SU5_str	BOBJ1	198.76	After	Left Exterior Girder	7.5	0.95	1	1	2.8354
SU5_str	BOBJ1	198.76	After	Right Exterior Girder	7.5	0.95	1	1	2.8354
SU5_str	BOBJ1	199.685	Before	Left Exterior Girder	8.425	0.95	1	1	3.120516
SU5_str	BOBJ1	199.685	Before	Interior Girder 1	8.425	0.95	1	1	3.354774
SU5_str	BOBJ1	199.685	Before	Interior Girder 2	8.425	0.95	1	1	3.378743
SU5_str	BOBJ1	199.685	Before	Interior Girder 3	8.425	0.95	1	1	3.294921
SU5_str	BOBJ1	199.685	Before	Interior Girder 4	8.425	0.95	1	1	3.294921
SU5_str	BOBJ1	199.685	Before	Interior Girder 5	8.425	0.95	1	1	3.378743
SU5_str	BOBJ1	199.685	Before	Interior Girder 6	8.425	0.95	1	1	3.354774
SU5_str	BOBJ1	199.685	Before	Right Exterior Girder	8.425	0.95	1	1	3.120516
SU5_str	BOBJ1	199.685	After	Left Exterior Girder	8.425	0.95	1	1	3.03293
SU5_str	BOBJ1	199.685	After	Interior Girder 1	8.425	0.95	1	1	3.429445
SU5_str	BOBJ1	199.685	After	Interior Girder 2	8.425	0.95	1	1	3.416665
SU5_str	BOBJ1	199.685	After	Interior Girder 3	8.425	0.95	1	1	3.304292
SU5_str	BOBJ1	199.685	After	Interior Girder 4	8.425	0.95	1	1	3.304292
SU5_str	BOBJ1	199.685	After	Interior Girder 5	8.425	0.95	1	1	3.416665
SU5_str	BOBJ1	199.685	After	Interior Girder 6	8.425	0.95	1	1	3.429445
SU5_str	BOBJ1	199.685	After	Right Exterior Girder	8.425	0.95	1	1	3.03293
SU5_str	BOBJ1	208.11	Before	Left Exterior Girder	16.85	0.95	1	1	3.820092
SU5_str	BOBJ1	208.11	Before	Interior Girder 1	16.85	0.95	1	1	3.231753
SU5_str	BOBJ1	208.11	Before	Interior Girder 2	16.85	0.95	1	1	2.973038
SU5_str	BOBJ1	208.11	Before	Interior Girder 3	16.85	0.95	1	1	2.887568
SU5_str	BOBJ1	208.11	Before	Interior Girder 4	16.85	0.95	1	1	2.887568
SU5_str	BOBJ1	208.11	Before	Interior Girder 5	16.85	0.95	1	1	2.973038
SU5_str	BOBJ1	208.11	Before	Interior Girder 6	16.85	0.95	1	1	3.231753
SU5_str	BOBJ1	208.11	Before	Right Exterior Girder	16.85	0.95	1	1	3.820092
SU5_str	BOBJ1	208.11	After	Left Exterior Girder	16.85	0.95	1	1	3.918428
SU5_str	BOBJ1	208.11	After	Interior Girder 1	16.85	0.95	1	1	3.17742
SU5_str	BOBJ1	208.11	After	Interior Girder 2	16.85	0.95	1	1	2.972266
SU5_str	BOBJ1	208.11	After	Interior Girder 3	16.85	0.95	1	1	2.932269
SU5_str	BOBJ1	208.11	After	Interior Girder 4	16.85	0.95	1	1	2.932269
SU5_str	BOBJ1	208.11	After	Interior Girder 5	16.85	0.95	1	1	2.972266
SU5_str	BOBJ1	208.11	After	Interior Girder 6	16.85	0.95	1	1	3.17742
SU5_str	BOBJ1	208.11	After	Right Exterior Girder	16.85	0.95	1	1	3.918428
SU5_str	BOBJ1	216.535	Before	Left Exterior Girder	25.275	0.95	1	1	2.40682
SU5_str	BOBJ1	216.535	Before	Interior Girder 1	25.275	0.95	1	1	1.95416
SU5_str	BOBJ1	216.535	Before	Interior Girder 2	25.275	0.95	1	1	1.892006
SU5_str	BOBJ1	216.535	Before	Interior Girder 3	25.275	0.95	1	1	1.83844
SU5_str	BOBJ1	216.535	Before	Interior Girder 4	25.275	0.95	1	1	1.83844
SU5_str	BOBJ1	216.535	Before	Interior Girder 5	25.275	0.95	1	1	1.892006
SU5_str	BOBJ1	216.535	Before	Interior Girder 6	25.275	0.95	1	1	1.95416
SU5_str	BOBJ1	216.535	Before	Right Exterior Girder	25.275	0.95	1	1	2.40682
SU5_str	BOBJ1	216.535	After	Left Exterior Girder	25.275	0.95	1	1	2.439026
SU5_str	BOBJ1	216.535	After	Interior Girder 1	25.275	0.95	1	1	1.936961
SU5_str	BOBJ1	216.535	After	Interior Girder 2	25.275	0.95	1	1	1.890727
SU5_str	BOBJ1	216.535	After	Interior Girder 3	25.275	0.95	1	1	1.854369
SU5_str	BOBJ1	216.535	After	Interior Girder 4	25.275	0.95	1	1	1.854369
SU5_str	BOBJ1	216.535	After	Interior Girder 5	25.275	0.95	1	1	1.890727
SU5_str	BOBJ1	216.535	After	Interior Girder 6	25.275	0.95	1	1	1.936961
SU5_str	BOBJ1	216.535	After	Right Exterior Girder	25.275	0.95	1	1	2.439026
SU5_str	BOBJ1	224.96	Before	Left Exterior Girder	33.7	0.95	1	1	1.975416
SU5_str	BOBJ1	224.96	Before	Interior Girder 1	33.7	0.95	1	1	1.844412
SU5_str	BOBJ1	224.96	Before	Interior Girder 2	33.7	0.95	1	1	1.796588
SU5_str	BOBJ1	224.96	Before	Interior Girder 3	33.7	0.95	1	1	1.80449
SU5_str	BOBJ1	224.96	Before	Interior Girder 4	33.7	0.95	1	1	1.80449
SU5_str	BOBJ1	224.96	Before	Interior Girder 5	33.7	0.95	1	1	1.796588

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelINonCompStrgth-Flx - Approach, Span 7-11									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
SU5_str	BOBJ1	224.96	Before	Interior Girder 6	33.7	0.95	1	1	1.844412
SU5_str	BOBJ1	224.96	Before	Right Exterior Girder	33.7	0.95	1	1	1.975416
SU5_str	BOBJ1	224.96	After	Left Exterior Girder	33.7	0.95	1	1	1.973453
SU5_str	BOBJ1	224.96	After	Interior Girder 1	33.7	0.95	1	1	1.843222
SU5_str	BOBJ1	224.96	After	Interior Girder 2	33.7	0.95	1	1	1.798064
SU5_str	BOBJ1	224.96	After	Interior Girder 3	33.7	0.95	1	1	1.804478
SU5_str	BOBJ1	224.96	After	Interior Girder 4	33.7	0.95	1	1	1.804478
SU5_str	BOBJ1	224.96	After	Interior Girder 5	33.7	0.95	1	1	1.798064
SU5_str	BOBJ1	224.96	After	Interior Girder 6	33.7	0.95	1	1	1.843222
SU5_str	BOBJ1	224.96	After	Right Exterior Girder	33.7	0.95	1	1	1.973453
SU5_str	BOBJ1	233.385	Before	Left Exterior Girder	42.125	0.95	1	1	2.501098
SU5_str	BOBJ1	233.385	Before	Interior Girder 1	42.125	0.95	1	1	1.95866
SU5_str	BOBJ1	233.385	Before	Interior Girder 2	42.125	0.95	1	1	1.904623
SU5_str	BOBJ1	233.385	Before	Interior Girder 3	42.125	0.95	1	1	1.864048
SU5_str	BOBJ1	233.385	Before	Interior Girder 4	42.125	0.95	1	1	1.864048
SU5_str	BOBJ1	233.385	Before	Interior Girder 5	42.125	0.95	1	1	1.904623
SU5_str	BOBJ1	233.385	Before	Interior Girder 6	42.125	0.95	1	1	1.95866
SU5_str	BOBJ1	233.385	Before	Right Exterior Girder	42.125	0.95	1	1	2.501098
SU5_str	BOBJ1	233.385	After	Left Exterior Girder	42.125	0.95	1	1	2.46209
SU5_str	BOBJ1	233.385	After	Interior Girder 1	42.125	0.95	1	1	1.977665
SU5_str	BOBJ1	233.385	After	Interior Girder 2	42.125	0.95	1	1	1.906912
SU5_str	BOBJ1	233.385	After	Interior Girder 3	42.125	0.95	1	1	1.848207
SU5_str	BOBJ1	233.385	After	Interior Girder 4	42.125	0.95	1	1	1.848207
SU5_str	BOBJ1	233.385	After	Interior Girder 5	42.125	0.95	1	1	1.906912
SU5_str	BOBJ1	233.385	After	Interior Girder 6	42.125	0.95	1	1	1.977665
SU5_str	BOBJ1	233.385	After	Right Exterior Girder	42.125	0.95	1	1	2.46209
SU5_str	BOBJ1	241.81	Before	Left Exterior Girder	50.55	0.95	1	1	4.141243
SU5_str	BOBJ1	241.81	Before	Interior Girder 1	50.55	0.95	1	1	3.287261
SU5_str	BOBJ1	241.81	Before	Interior Girder 2	50.55	0.95	1	1	3.040954
SU5_str	BOBJ1	241.81	Before	Interior Girder 3	50.55	0.95	1	1	3.001267
SU5_str	BOBJ1	241.81	Before	Interior Girder 4	50.55	0.95	1	1	3.001267
SU5_str	BOBJ1	241.81	Before	Interior Girder 5	50.55	0.95	1	1	3.040954
SU5_str	BOBJ1	241.81	Before	Interior Girder 6	50.55	0.95	1	1	3.287261
SU5_str	BOBJ1	241.81	Before	Right Exterior Girder	50.55	0.95	1	1	4.141243
SU5_str	BOBJ1	241.81	After	Left Exterior Girder	50.55	0.95	1	1	4.044751
SU5_str	BOBJ1	241.81	After	Interior Girder 1	50.55	0.95	1	1	3.345595
SU5_str	BOBJ1	241.81	After	Interior Girder 2	50.55	0.95	1	1	3.05935
SU5_str	BOBJ1	241.81	After	Interior Girder 3	50.55	0.95	1	1	2.9901
SU5_str	BOBJ1	241.81	After	Interior Girder 4	50.55	0.95	1	1	2.9901
SU5_str	BOBJ1	241.81	After	Interior Girder 5	50.55	0.95	1	1	3.05935
SU5_str	BOBJ1	241.81	After	Interior Girder 6	50.55	0.95	1	1	3.345595
SU5_str	BOBJ1	241.81	After	Right Exterior Girder	50.55	0.95	1	1	4.044751
SU5_str	BOBJ1	245.18	Before	Left Exterior Girder	53.92	0.95	1	1	4.904349
SU5_str	BOBJ1	245.18	Before	Interior Girder 1	53.92	0.95	1	1	4.234113
SU5_str	BOBJ1	245.18	Before	Interior Girder 2	53.92	0.95	1	1	3.857306
SU5_str	BOBJ1	245.18	Before	Interior Girder 3	53.92	0.95	1	1	3.788021
SU5_str	BOBJ1	245.18	Before	Interior Girder 4	53.92	0.95	1	1	3.788021
SU5_str	BOBJ1	245.18	Before	Interior Girder 5	53.92	0.95	1	1	3.857306
SU5_str	BOBJ1	245.18	Before	Interior Girder 6	53.92	0.95	1	1	4.234113
SU5_str	BOBJ1	245.18	Before	Right Exterior Girder	53.92	0.95	1	1	4.904349
SU5_str	BOBJ1	245.18	After	Left Exterior Girder	53.92	0.95	1	1	5.734149
SU5_str	BOBJ1	245.18	After	Interior Girder 1	53.92	0.95	1	1	4.531541
SU5_str	BOBJ1	245.18	After	Interior Girder 2	53.92	0.95	1	1	4.097552
SU5_str	BOBJ1	245.18	After	Interior Girder 3	53.92	0.95	1	1	3.980027
SU5_str	BOBJ1	245.18	After	Interior Girder 4	53.92	0.95	1	1	3.980027
SU5_str	BOBJ1	245.18	After	Interior Girder 5	53.92	0.95	1	1	4.097552
SU5_str	BOBJ1	245.18	After	Interior Girder 6	53.92	0.95	1	1	4.531541
SU5_str	BOBJ1	245.18	After	Right Exterior Girder	53.92	0.95	1	1	5.734149
SU5_str	BOBJ1	250.245	Before	Left Exterior Girder	58.985	0.95	1	1	4.076954
SU5_str	BOBJ1	250.245	Before	Interior Girder 1	58.985	0.95	1	1	4.137906
SU5_str	BOBJ1	250.245	Before	Interior Girder 2	58.985	0.95	1	1	3.979617
SU5_str	BOBJ1	250.245	Before	Interior Girder 3	58.985	0.95	1	1	3.828773
SU5_str	BOBJ1	250.245	Before	Interior Girder 4	58.985	0.95	1	1	3.828773
SU5_str	BOBJ1	250.245	Before	Interior Girder 5	58.985	0.95	1	1	3.979617
SU5_str	BOBJ1	250.245	Before	Interior Girder 6	58.985	0.95	1	1	4.137906

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelINonCompStrgth-Flx - Approach, Span 7-11									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
SU5_str	BOBJ1	250.245	Before	Right Exterior Girder	58.985	0.95	1	1	4.076954
SU5_str	BOBJ1	250.245	After	Left Exterior Girder	58.985	0.95	1	1	4.125609
SU5_str	BOBJ1	250.245	After	Interior Girder 1	58.985	0.95	1	1	4.087171
SU5_str	BOBJ1	250.245	After	Interior Girder 2	58.985	0.95	1	1	3.93472
SU5_str	BOBJ1	250.245	After	Interior Girder 3	58.985	0.95	1	1	3.805558
SU5_str	BOBJ1	250.245	After	Interior Girder 4	58.985	0.95	1	1	3.805558
SU5_str	BOBJ1	250.245	After	Interior Girder 5	58.985	0.95	1	1	3.93472
SU5_str	BOBJ1	250.245	After	Interior Girder 6	58.985	0.95	1	1	4.087171
SU5_str	BOBJ1	250.245	After	Right Exterior Girder	58.985	0.95	1	1	4.125609
SU5_str	BOBJ1	251.68	Before	Left Exterior Girder	60.42	0.95	1	1	3.658505
SU5_str	BOBJ1	251.68	Before	Right Exterior Girder	60.42	0.95	1	1	3.658505
SU5_str	BOBJ1	251.68	After	Left Exterior Girder	60.42	0.95	1	1	6.652159
SU5_str	BOBJ1	251.68	After	Right Exterior Girder	60.42	0.95	1	1	6.652159
SU5_str	BOBJ1	254.18	Before	Interior Girder 1	62.92	0.95	1	1	3.171929
SU5_str	BOBJ1	254.18	Before	Interior Girder 2	62.92	0.95	1	1	3.081522
SU5_str	BOBJ1	254.18	Before	Interior Girder 3	62.92	0.95	1	1	2.773654
SU5_str	BOBJ1	254.18	Before	Interior Girder 4	62.92	0.95	1	1	2.773654
SU5_str	BOBJ1	254.18	Before	Interior Girder 5	62.92	0.95	1	1	3.081522
SU5_str	BOBJ1	254.18	Before	Interior Girder 6	62.92	0.95	1	1	3.171929
SU5_str	BOBJ1	254.18	After	Interior Girder 1	62.92	0.95	1	1	3.964257
SU5_str	BOBJ1	254.18	After	Interior Girder 2	62.92	0.95	1	1	3.757952
SU5_str	BOBJ1	254.18	After	Interior Girder 3	62.92	0.95	1	1	3.425598
SU5_str	BOBJ1	254.18	After	Interior Girder 4	62.92	0.95	1	1	3.425598
SU5_str	BOBJ1	254.18	After	Interior Girder 5	62.92	0.95	1	1	3.757952
SU5_str	BOBJ1	254.18	After	Interior Girder 6	62.92	0.95	1	1	3.964257
SU5_str	BOBJ1	258.68	Before	Left Exterior Girder	67.42	0.95	1	1	3.399388
SU5_str	BOBJ1	258.68	Before	Interior Girder 1	67.42	0.95	1	1	2.341492
SU5_str	BOBJ1	258.68	Before	Interior Girder 2	67.42	0.95	1	1	2.27372
SU5_str	BOBJ1	258.68	Before	Interior Girder 3	67.42	0.95	1	1	1.871335
SU5_str	BOBJ1	258.68	Before	Interior Girder 4	67.42	0.95	1	1	1.871335
SU5_str	BOBJ1	258.68	Before	Interior Girder 5	67.42	0.95	1	1	2.27372
SU5_str	BOBJ1	258.68	Before	Interior Girder 6	67.42	0.95	1	1	2.341492
SU5_str	BOBJ1	258.68	Before	Right Exterior Girder	67.42	0.95	1	1	3.399388
SU5_str	BOBJ1	258.68	After	Left Exterior Girder	0	0.95	1	1	3.313788
SU5_str	BOBJ1	258.68	After	Interior Girder 1	0	0.95	1	1	2.372098
SU5_str	BOBJ1	258.68	After	Interior Girder 2	0	0.95	1	1	2.258363
SU5_str	BOBJ1	258.68	After	Interior Girder 3	0	0.95	1	1	1.813202
SU5_str	BOBJ1	258.68	After	Interior Girder 4	0	0.95	1	1	1.813202
SU5_str	BOBJ1	258.68	After	Interior Girder 5	0	0.95	1	1	2.258363
SU5_str	BOBJ1	258.68	After	Interior Girder 6	0	0.95	1	1	2.372098
SU5_str	BOBJ1	258.68	After	Right Exterior Girder	0	0.95	1	1	3.313788
SU5_str	BOBJ1	263.18	Before	Interior Girder 1	4.5	0.95	1	1	3.331013
SU5_str	BOBJ1	263.18	Before	Interior Girder 2	4.5	0.95	1	1	3.248433
SU5_str	BOBJ1	263.18	Before	Interior Girder 3	4.5	0.95	1	1	3.03928
SU5_str	BOBJ1	263.18	Before	Interior Girder 4	4.5	0.95	1	1	3.03928
SU5_str	BOBJ1	263.18	Before	Interior Girder 5	4.5	0.95	1	1	3.248433
SU5_str	BOBJ1	263.18	Before	Interior Girder 6	4.5	0.95	1	1	3.331013
SU5_str	BOBJ1	263.18	After	Interior Girder 1	4.5	0.95	1	1	2.649555
SU5_str	BOBJ1	263.18	After	Interior Girder 2	4.5	0.95	1	1	2.66047
SU5_str	BOBJ1	263.18	After	Interior Girder 3	4.5	0.95	1	1	2.456877
SU5_str	BOBJ1	263.18	After	Interior Girder 4	4.5	0.95	1	1	2.456877
SU5_str	BOBJ1	263.18	After	Interior Girder 5	4.5	0.95	1	1	2.66047
SU5_str	BOBJ1	263.18	After	Interior Girder 6	4.5	0.95	1	1	2.649555
SU5_str	BOBJ1	265.68	Before	Left Exterior Girder	7	0.95	1	1	5.29767
SU5_str	BOBJ1	265.68	Before	Right Exterior Girder	7	0.95	1	1	5.29767
SU5_str	BOBJ1	265.68	After	Left Exterior Girder	7	0.95	1	1	2.922757
SU5_str	BOBJ1	265.68	After	Right Exterior Girder	7	0.95	1	1	2.922757
SU5_str	BOBJ1	268.08	Before	Left Exterior Girder	9.4	0.95	1	1	3.595328
SU5_str	BOBJ1	268.08	Before	Interior Girder 1	9.4	0.95	1	1	3.61836
SU5_str	BOBJ1	268.08	Before	Interior Girder 2	9.4	0.95	1	1	3.613545
SU5_str	BOBJ1	268.08	Before	Interior Girder 3	9.4	0.95	1	1	3.552459
SU5_str	BOBJ1	268.08	Before	Interior Girder 4	9.4	0.95	1	1	3.552459
SU5_str	BOBJ1	268.08	Before	Interior Girder 5	9.4	0.95	1	1	3.613545
SU5_str	BOBJ1	268.08	Before	Interior Girder 6	9.4	0.95	1	1	3.61836
SU5_str	BOBJ1	268.08	Before	Right Exterior Girder	9.4	0.95	1	1	3.595328

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelINonCompStrgth-Flx - Approach, Span 7-11									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
SU5_str	BOBJ1	268.08	After	Left Exterior Girder	9.4	0.95	1	1	3.506815
SU5_str	BOBJ1	268.08	After	Interior Girder 1	9.4	0.95	1	1	3.689967
SU5_str	BOBJ1	268.08	After	Interior Girder 2	9.4	0.95	1	1	3.661537
SU5_str	BOBJ1	268.08	After	Interior Girder 3	9.4	0.95	1	1	3.567075
SU5_str	BOBJ1	268.08	After	Interior Girder 4	9.4	0.95	1	1	3.567075
SU5_str	BOBJ1	268.08	After	Interior Girder 5	9.4	0.95	1	1	3.661537
SU5_str	BOBJ1	268.08	After	Interior Girder 6	9.4	0.95	1	1	3.689967
SU5_str	BOBJ1	268.08	After	Right Exterior Girder	9.4	0.95	1	1	3.506815
SU5_str	BOBJ1	277.48	Before	Left Exterior Girder	18.8	0.95	1	1	3.3364
SU5_str	BOBJ1	277.48	Before	Interior Girder 1	18.8	0.95	1	1	2.823439
SU5_str	BOBJ1	277.48	Before	Interior Girder 2	18.8	0.95	1	1	2.598248
SU5_str	BOBJ1	277.48	Before	Interior Girder 3	18.8	0.95	1	1	2.52247
SU5_str	BOBJ1	277.48	Before	Interior Girder 4	18.8	0.95	1	1	2.52247
SU5_str	BOBJ1	277.48	Before	Interior Girder 5	18.8	0.95	1	1	2.598248
SU5_str	BOBJ1	277.48	Before	Interior Girder 6	18.8	0.95	1	1	2.823439
SU5_str	BOBJ1	277.48	Before	Right Exterior Girder	18.8	0.95	1	1	3.3364
SU5_str	BOBJ1	277.48	After	Left Exterior Girder	18.8	0.95	1	1	3.412113
SU5_str	BOBJ1	277.48	After	Interior Girder 1	18.8	0.95	1	1	2.773772
SU5_str	BOBJ1	277.48	After	Interior Girder 2	18.8	0.95	1	1	2.600401
SU5_str	BOBJ1	277.48	After	Interior Girder 3	18.8	0.95	1	1	2.555464
SU5_str	BOBJ1	277.48	After	Interior Girder 4	18.8	0.95	1	1	2.555464
SU5_str	BOBJ1	277.48	After	Interior Girder 5	18.8	0.95	1	1	2.600401
SU5_str	BOBJ1	277.48	After	Interior Girder 6	18.8	0.95	1	1	2.773772
SU5_str	BOBJ1	277.48	After	Right Exterior Girder	18.8	0.95	1	1	3.412113
SU5_str	BOBJ1	286.88	Before	Left Exterior Girder	28.2	0.95	1	1	2.355847
SU5_str	BOBJ1	286.88	Before	Interior Girder 1	28.2	0.95	1	1	1.803174
SU5_str	BOBJ1	286.88	Before	Interior Girder 2	28.2	0.95	1	1	1.739089
SU5_str	BOBJ1	286.88	Before	Interior Girder 3	28.2	0.95	1	1	1.674813
SU5_str	BOBJ1	286.88	Before	Interior Girder 4	28.2	0.95	1	1	1.674813
SU5_str	BOBJ1	286.88	Before	Interior Girder 5	28.2	0.95	1	1	1.739089
SU5_str	BOBJ1	286.88	Before	Interior Girder 6	28.2	0.95	1	1	1.803174
SU5_str	BOBJ1	286.88	Before	Right Exterior Girder	28.2	0.95	1	1	2.355847
SU5_str	BOBJ1	286.88	After	Left Exterior Girder	28.2	0.95	1	1	2.367652
SU5_str	BOBJ1	286.88	After	Interior Girder 1	28.2	0.95	1	1	1.79651
SU5_str	BOBJ1	286.88	After	Interior Girder 2	28.2	0.95	1	1	1.740352
SU5_str	BOBJ1	286.88	After	Interior Girder 3	28.2	0.95	1	1	1.68212
SU5_str	BOBJ1	286.88	After	Interior Girder 4	28.2	0.95	1	1	1.68212
SU5_str	BOBJ1	286.88	After	Interior Girder 5	28.2	0.95	1	1	1.740352
SU5_str	BOBJ1	286.88	After	Interior Girder 6	28.2	0.95	1	1	1.79651
SU5_str	BOBJ1	286.88	After	Right Exterior Girder	28.2	0.95	1	1	2.367652
SU5_str	BOBJ1	296.28	Before	Left Exterior Girder	37.6	0.95	1	1	2.156527
SU5_str	BOBJ1	296.28	Before	Interior Girder 1	37.6	0.95	1	1	1.874049
SU5_str	BOBJ1	296.28	Before	Interior Girder 2	37.6	0.95	1	1	1.797114
SU5_str	BOBJ1	296.28	Before	Interior Girder 3	37.6	0.95	1	1	1.778416
SU5_str	BOBJ1	296.28	Before	Interior Girder 4	37.6	0.95	1	1	1.778416
SU5_str	BOBJ1	296.28	Before	Interior Girder 5	37.6	0.95	1	1	1.797114
SU5_str	BOBJ1	296.28	Before	Interior Girder 6	37.6	0.95	1	1	1.874049
SU5_str	BOBJ1	296.28	Before	Right Exterior Girder	37.6	0.95	1	1	2.156527
SU5_str	BOBJ1	296.28	After	Left Exterior Girder	37.6	0.95	1	1	2.129853
SU5_str	BOBJ1	296.28	After	Interior Girder 1	37.6	0.95	1	1	1.893196
SU5_str	BOBJ1	296.28	After	Interior Girder 2	37.6	0.95	1	1	1.794539
SU5_str	BOBJ1	296.28	After	Interior Girder 3	37.6	0.95	1	1	1.765471
SU5_str	BOBJ1	296.28	After	Interior Girder 4	37.6	0.95	1	1	1.765471
SU5_str	BOBJ1	296.28	After	Interior Girder 5	37.6	0.95	1	1	1.794539
SU5_str	BOBJ1	296.28	After	Interior Girder 6	37.6	0.95	1	1	1.893196
SU5_str	BOBJ1	296.28	After	Right Exterior Girder	37.6	0.95	1	1	2.129853
SU5_str	BOBJ1	305.69	Before	Left Exterior Girder	47.01	0.95	1	1	3.9133
SU5_str	BOBJ1	305.69	Before	Interior Girder 1	47.01	0.95	1	1	2.682771
SU5_str	BOBJ1	305.69	Before	Interior Girder 2	47.01	0.95	1	1	2.56136
SU5_str	BOBJ1	305.69	Before	Interior Girder 3	47.01	0.95	1	1	2.421854
SU5_str	BOBJ1	305.69	Before	Interior Girder 4	47.01	0.95	1	1	2.421854
SU5_str	BOBJ1	305.69	Before	Interior Girder 5	47.01	0.95	1	1	2.56136
SU5_str	BOBJ1	305.69	Before	Interior Girder 6	47.01	0.95	1	1	2.682771
SU5_str	BOBJ1	305.69	Before	Right Exterior Girder	47.01	0.95	1	1	3.9133
SU5_str	BOBJ1	305.69	After	Left Exterior Girder	47.01	0.95	1	1	3.898644

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelINonCompStrgth-Flx - Approach, Span 7-11									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
SU5_str	BOBJ1	305.69	After	Interior Girder 1	47.01	0.95	1	1	2.692447
SU5_str	BOBJ1	305.69	After	Interior Girder 2	47.01	0.95	1	1	2.519293
SU5_str	BOBJ1	305.69	After	Interior Girder 3	47.01	0.95	1	1	2.340366
SU5_str	BOBJ1	305.69	After	Interior Girder 4	47.01	0.95	1	1	2.340366
SU5_str	BOBJ1	305.69	After	Interior Girder 5	47.01	0.95	1	1	2.519293
SU5_str	BOBJ1	305.69	After	Interior Girder 6	47.01	0.95	1	1	2.692447
SU5_str	BOBJ1	305.69	After	Right Exterior Girder	47.01	0.95	1	1	3.898644
SU5_str	BOBJ1	315.1	Before	Left Exterior Girder	56.42	0.95	1	1	309.946334
SU5_str	BOBJ1	315.1	Before	Interior Girder 1	56.42	0.95	1	1	263.496358
SU5_str	BOBJ1	315.1	Before	Interior Girder 2	56.42	0.95	1	1	197.435225
SU5_str	BOBJ1	315.1	Before	Interior Girder 3	56.42	0.95	1	1	144.042505
SU5_str	BOBJ1	315.1	Before	Interior Girder 4	56.42	0.95	1	1	144.042504
SU5_str	BOBJ1	315.1	Before	Interior Girder 5	56.42	0.95	1	1	197.435225
SU5_str	BOBJ1	315.1	Before	Interior Girder 6	56.42	0.95	1	1	263.496357
SU5_str	BOBJ1	315.1	Before	Right Exterior Girder	56.42	0.95	1	1	309.946336
SU6_str	BOBJ1	0	After	Left Exterior Girder	0	0.95	1	1	273.678379
SU6_str	BOBJ1	0	After	Interior Girder 1	0	0.95	1	1	229.928689
SU6_str	BOBJ1	0	After	Interior Girder 2	0	0.95	1	1	185.527725
SU6_str	BOBJ1	0	After	Interior Girder 3	0	0.95	1	1	128.202248
SU6_str	BOBJ1	0	After	Interior Girder 4	0	0.95	1	1	128.202247
SU6_str	BOBJ1	0	After	Interior Girder 5	0	0.95	1	1	185.527725
SU6_str	BOBJ1	0	After	Interior Girder 6	0	0.95	1	1	229.928692
SU6_str	BOBJ1	0	After	Right Exterior Girder	0	0.95	1	1	273.678379
SU6_str	BOBJ1	9.4	Before	Left Exterior Girder	9.4	0.95	1	1	3.564902
SU6_str	BOBJ1	9.4	Before	Interior Girder 1	9.4	0.95	1	1	2.436092
SU6_str	BOBJ1	9.4	Before	Interior Girder 2	9.4	0.95	1	1	2.2759
SU6_str	BOBJ1	9.4	Before	Interior Girder 3	9.4	0.95	1	1	2.109945
SU6_str	BOBJ1	9.4	Before	Interior Girder 4	9.4	0.95	1	1	2.109945
SU6_str	BOBJ1	9.4	Before	Interior Girder 5	9.4	0.95	1	1	2.2759
SU6_str	BOBJ1	9.4	Before	Interior Girder 6	9.4	0.95	1	1	2.436092
SU6_str	BOBJ1	9.4	Before	Right Exterior Girder	9.4	0.95	1	1	3.564902
SU6_str	BOBJ1	9.4	After	Left Exterior Girder	9.4	0.95	1	1	3.575077
SU6_str	BOBJ1	9.4	After	Interior Girder 1	9.4	0.95	1	1	2.42602
SU6_str	BOBJ1	9.4	After	Interior Girder 2	9.4	0.95	1	1	2.318469
SU6_str	BOBJ1	9.4	After	Interior Girder 3	9.4	0.95	1	1	2.186855
SU6_str	BOBJ1	9.4	After	Interior Girder 4	9.4	0.95	1	1	2.186855
SU6_str	BOBJ1	9.4	After	Interior Girder 5	9.4	0.95	1	1	2.318469
SU6_str	BOBJ1	9.4	After	Interior Girder 6	9.4	0.95	1	1	2.42602
SU6_str	BOBJ1	9.4	After	Right Exterior Girder	9.4	0.95	1	1	3.575077
SU6_str	BOBJ1	18.8	Before	Left Exterior Girder	18.8	0.95	1	1	1.934092
SU6_str	BOBJ1	18.8	Before	Interior Girder 1	18.8	0.95	1	1	1.731565
SU6_str	BOBJ1	18.8	Before	Interior Girder 2	18.8	0.95	1	1	1.641606
SU6_str	BOBJ1	18.8	Before	Interior Girder 3	18.8	0.95	1	1	1.61902
SU6_str	BOBJ1	18.8	Before	Interior Girder 4	18.8	0.95	1	1	1.61902
SU6_str	BOBJ1	18.8	Before	Interior Girder 5	18.8	0.95	1	1	1.641606
SU6_str	BOBJ1	18.8	Before	Interior Girder 6	18.8	0.95	1	1	1.731565
SU6_str	BOBJ1	18.8	Before	Right Exterior Girder	18.8	0.95	1	1	1.934092
SU6_str	BOBJ1	18.8	After	Left Exterior Girder	18.8	0.95	1	1	1.958957
SU6_str	BOBJ1	18.8	After	Interior Girder 1	18.8	0.95	1	1	1.713324
SU6_str	BOBJ1	18.8	After	Interior Girder 2	18.8	0.95	1	1	1.64407
SU6_str	BOBJ1	18.8	After	Interior Girder 3	18.8	0.95	1	1	1.629382
SU6_str	BOBJ1	18.8	After	Interior Girder 4	18.8	0.95	1	1	1.629382
SU6_str	BOBJ1	18.8	After	Interior Girder 5	18.8	0.95	1	1	1.64407
SU6_str	BOBJ1	18.8	After	Interior Girder 6	18.8	0.95	1	1	1.713324
SU6_str	BOBJ1	18.8	After	Right Exterior Girder	18.8	0.95	1	1	1.958957
SU6_str	BOBJ1	28.2	Before	Left Exterior Girder	28.2	0.95	1	1	2.130544
SU6_str	BOBJ1	28.2	Before	Interior Girder 1	28.2	0.95	1	1	1.62335
SU6_str	BOBJ1	28.2	Before	Interior Girder 2	28.2	0.95	1	1	1.574049
SU6_str	BOBJ1	28.2	Before	Interior Girder 3	28.2	0.95	1	1	1.530366
SU6_str	BOBJ1	28.2	Before	Interior Girder 4	28.2	0.95	1	1	1.530366
SU6_str	BOBJ1	28.2	Before	Interior Girder 5	28.2	0.95	1	1	1.574049
SU6_str	BOBJ1	28.2	Before	Interior Girder 6	28.2	0.95	1	1	1.62335
SU6_str	BOBJ1	28.2	Before	Right Exterior Girder	28.2	0.95	1	1	2.130544
SU6_str	BOBJ1	28.2	After	Left Exterior Girder	28.2	0.95	1	1	2.12064
SU6_str	BOBJ1	28.2	After	Interior Girder 1	28.2	0.95	1	1	1.631437

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelINonCompStrgth-Flx - Approach, Span 7-11									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
SU6_str	BOBJ1	28.2	After	Interior Girder 2	28.2	0.95	1	1	1.574694
SU6_str	BOBJ1	28.2	After	Interior Girder 3	28.2	0.95	1	1	1.526368
SU6_str	BOBJ1	28.2	After	Interior Girder 4	28.2	0.95	1	1	1.526368
SU6_str	BOBJ1	28.2	After	Interior Girder 5	28.2	0.95	1	1	1.574694
SU6_str	BOBJ1	28.2	After	Interior Girder 6	28.2	0.95	1	1	1.631437
SU6_str	BOBJ1	28.2	After	Right Exterior Girder	28.2	0.95	1	1	2.12064
SU6_str	BOBJ1	37.6	Before	Left Exterior Girder	37.6	0.95	1	1	3.113217
SU6_str	BOBJ1	37.6	Before	Interior Girder 1	37.6	0.95	1	1	2.554051
SU6_str	BOBJ1	37.6	Before	Interior Girder 2	37.6	0.95	1	1	2.386996
SU6_str	BOBJ1	37.6	Before	Interior Girder 3	37.6	0.95	1	1	2.34766
SU6_str	BOBJ1	37.6	Before	Interior Girder 4	37.6	0.95	1	1	2.34766
SU6_str	BOBJ1	37.6	Before	Interior Girder 5	37.6	0.95	1	1	2.386996
SU6_str	BOBJ1	37.6	Before	Interior Girder 6	37.6	0.95	1	1	2.554051
SU6_str	BOBJ1	37.6	Before	Right Exterior Girder	37.6	0.95	1	1	3.113217
SU6_str	BOBJ1	37.6	After	Left Exterior Girder	37.6	0.95	1	1	3.043012
SU6_str	BOBJ1	37.6	After	Interior Girder 1	37.6	0.95	1	1	2.600698
SU6_str	BOBJ1	37.6	After	Interior Girder 2	37.6	0.95	1	1	2.388458
SU6_str	BOBJ1	37.6	After	Interior Girder 3	37.6	0.95	1	1	2.320745
SU6_str	BOBJ1	37.6	After	Interior Girder 4	37.6	0.95	1	1	2.320745
SU6_str	BOBJ1	37.6	After	Interior Girder 5	37.6	0.95	1	1	2.388458
SU6_str	BOBJ1	37.6	After	Interior Girder 6	37.6	0.95	1	1	2.600698
SU6_str	BOBJ1	37.6	After	Right Exterior Girder	37.6	0.95	1	1	3.043012
SU6_str	BOBJ1	47.01	Before	Left Exterior Girder	47.01	0.95	1	1	3.136458
SU6_str	BOBJ1	47.01	Before	Interior Girder 1	47.01	0.95	1	1	3.308736
SU6_str	BOBJ1	47.01	Before	Interior Girder 2	47.01	0.95	1	1	3.283874
SU6_str	BOBJ1	47.01	Before	Interior Girder 3	47.01	0.95	1	1	3.199753
SU6_str	BOBJ1	47.01	Before	Interior Girder 4	47.01	0.95	1	1	3.199753
SU6_str	BOBJ1	47.01	Before	Interior Girder 5	47.01	0.95	1	1	3.283874
SU6_str	BOBJ1	47.01	Before	Interior Girder 6	47.01	0.95	1	1	3.308736
SU6_str	BOBJ1	47.01	Before	Right Exterior Girder	47.01	0.95	1	1	3.136458
SU6_str	BOBJ1	47.01	After	Left Exterior Girder	47.01	0.95	1	1	3.215107
SU6_str	BOBJ1	47.01	After	Interior Girder 1	47.01	0.95	1	1	3.245616
SU6_str	BOBJ1	47.01	After	Interior Girder 2	47.01	0.95	1	1	3.240796
SU6_str	BOBJ1	47.01	After	Interior Girder 3	47.01	0.95	1	1	3.187126
SU6_str	BOBJ1	47.01	After	Interior Girder 4	47.01	0.95	1	1	3.187126
SU6_str	BOBJ1	47.01	After	Interior Girder 5	47.01	0.95	1	1	3.240796
SU6_str	BOBJ1	47.01	After	Interior Girder 6	47.01	0.95	1	1	3.245616
SU6_str	BOBJ1	47.01	After	Right Exterior Girder	47.01	0.95	1	1	3.215107
SU6_str	BOBJ1	49.42	Before	Left Exterior Girder	49.42	0.95	1	1	2.599615
SU6_str	BOBJ1	49.42	Before	Right Exterior Girder	49.42	0.95	1	1	2.599615
SU6_str	BOBJ1	49.42	After	Left Exterior Girder	49.42	0.95	1	1	4.720709
SU6_str	BOBJ1	49.42	After	Right Exterior Girder	49.42	0.95	1	1	4.720709
SU6_str	BOBJ1	51.92	Before	Interior Girder 1	51.92	0.95	1	1	2.373119
SU6_str	BOBJ1	51.92	Before	Interior Girder 2	51.92	0.95	1	1	2.37993
SU6_str	BOBJ1	51.92	Before	Interior Girder 3	51.92	0.95	1	1	2.203958
SU6_str	BOBJ1	51.92	Before	Interior Girder 4	51.92	0.95	1	1	2.203958
SU6_str	BOBJ1	51.92	Before	Interior Girder 5	51.92	0.95	1	1	2.37993
SU6_str	BOBJ1	51.92	Before	Interior Girder 6	51.92	0.95	1	1	2.373119
SU6_str	BOBJ1	51.92	After	Interior Girder 1	51.92	0.95	1	1	2.981871
SU6_str	BOBJ1	51.92	After	Interior Girder 2	51.92	0.95	1	1	2.910115
SU6_str	BOBJ1	51.92	After	Interior Girder 3	51.92	0.95	1	1	2.731523
SU6_str	BOBJ1	51.92	After	Interior Girder 4	51.92	0.95	1	1	2.731523
SU6_str	BOBJ1	51.92	After	Interior Girder 5	51.92	0.95	1	1	2.910115
SU6_str	BOBJ1	51.92	After	Interior Girder 6	51.92	0.95	1	1	2.981871
SU6_str	BOBJ1	56.42	Before	Left Exterior Girder	56.42	0.95	1	1	2.953989
SU6_str	BOBJ1	56.42	Before	Interior Girder 1	56.42	0.95	1	1	2.139678
SU6_str	BOBJ1	56.42	Before	Interior Girder 2	56.42	0.95	1	1	2.033415
SU6_str	BOBJ1	56.42	Before	Interior Girder 3	56.42	0.95	1	1	1.641955
SU6_str	BOBJ1	56.42	Before	Interior Girder 4	56.42	0.95	1	1	1.641955
SU6_str	BOBJ1	56.42	Before	Interior Girder 5	56.42	0.95	1	1	2.033415
SU6_str	BOBJ1	56.42	Before	Interior Girder 6	56.42	0.95	1	1	2.139678
SU6_str	BOBJ1	56.42	Before	Right Exterior Girder	56.42	0.95	1	1	2.953989
SU6_str	BOBJ1	56.42	After	Left Exterior Girder	0	0.95	1	1	3.032149
SU6_str	BOBJ1	56.42	After	Interior Girder 1	0	0.95	1	1	2.097737
SU6_str	BOBJ1	56.42	After	Interior Girder 2	0	0.95	1	1	2.047417

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelINonCompStrgth-Flx - Approach, Span 7-11									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
SU6_str	BOBJ1	56.42	After	Interior Girder 3	0	0.95	1	1	1.677914
SU6_str	BOBJ1	56.42	After	Interior Girder 4	0	0.95	1	1	1.677914
SU6_str	BOBJ1	56.42	After	Interior Girder 5	0	0.95	1	1	2.047417
SU6_str	BOBJ1	56.42	After	Interior Girder 6	0	0.95	1	1	2.097737
SU6_str	BOBJ1	56.42	After	Right Exterior Girder	0	0.95	1	1	3.032149
SU6_str	BOBJ1	60.92	Before	Interior Girder 1	4.5	0.95	1	1	3.56414
SU6_str	BOBJ1	60.92	Before	Interior Girder 2	4.5	0.95	1	1	3.382779
SU6_str	BOBJ1	60.92	Before	Interior Girder 3	4.5	0.95	1	1	3.071107
SU6_str	BOBJ1	60.92	Before	Interior Girder 4	4.5	0.95	1	1	3.071107
SU6_str	BOBJ1	60.92	Before	Interior Girder 5	4.5	0.95	1	1	3.382779
SU6_str	BOBJ1	60.92	Before	Interior Girder 6	4.5	0.95	1	1	3.56414
SU6_str	BOBJ1	60.92	After	Interior Girder 1	4.5	0.95	1	1	2.85248
SU6_str	BOBJ1	60.92	After	Interior Girder 2	4.5	0.95	1	1	2.775683
SU6_str	BOBJ1	60.92	After	Interior Girder 3	4.5	0.95	1	1	2.489774
SU6_str	BOBJ1	60.92	After	Interior Girder 4	4.5	0.95	1	1	2.489774
SU6_str	BOBJ1	60.92	After	Interior Girder 5	4.5	0.95	1	1	2.775683
SU6_str	BOBJ1	60.92	After	Interior Girder 6	4.5	0.95	1	1	2.85248
SU6_str	BOBJ1	63.42	Before	Left Exterior Girder	7	0.95	1	1	5.972414
SU6_str	BOBJ1	63.42	Before	Right Exterior Girder	7	0.95	1	1	5.972414
SU6_str	BOBJ1	63.42	After	Left Exterior Girder	7	0.95	1	1	3.279319
SU6_str	BOBJ1	63.42	After	Right Exterior Girder	7	0.95	1	1	3.279319
SU6_str	BOBJ1	64.845	Before	Left Exterior Girder	8.425	0.95	1	1	3.696591
SU6_str	BOBJ1	64.845	Before	Interior Girder 1	8.425	0.95	1	1	3.677412
SU6_str	BOBJ1	64.845	Before	Interior Girder 2	8.425	0.95	1	1	3.540555
SU6_str	BOBJ1	64.845	Before	Interior Girder 3	8.425	0.95	1	1	3.418543
SU6_str	BOBJ1	64.845	Before	Interior Girder 4	8.425	0.95	1	1	3.418543
SU6_str	BOBJ1	64.845	Before	Interior Girder 5	8.425	0.95	1	1	3.540555
SU6_str	BOBJ1	64.845	Before	Interior Girder 6	8.425	0.95	1	1	3.677412
SU6_str	BOBJ1	64.845	Before	Right Exterior Girder	8.425	0.95	1	1	3.696591
SU6_str	BOBJ1	64.845	After	Left Exterior Girder	8.425	0.95	1	1	3.653828
SU6_str	BOBJ1	64.845	After	Interior Girder 1	8.425	0.95	1	1	3.723371
SU6_str	BOBJ1	64.845	After	Interior Girder 2	8.425	0.95	1	1	3.581449
SU6_str	BOBJ1	64.845	After	Interior Girder 3	8.425	0.95	1	1	3.440421
SU6_str	BOBJ1	64.845	After	Interior Girder 4	8.425	0.95	1	1	3.440421
SU6_str	BOBJ1	64.845	After	Interior Girder 5	8.425	0.95	1	1	3.581449
SU6_str	BOBJ1	64.845	After	Interior Girder 6	8.425	0.95	1	1	3.723371
SU6_str	BOBJ1	64.845	After	Right Exterior Girder	8.425	0.95	1	1	3.653828
SU6_str	BOBJ1	69.92	Before	Left Exterior Girder	13.5	0.95	1	1	5.155456
SU6_str	BOBJ1	69.92	Before	Interior Girder 1	13.5	0.95	1	1	4.237563
SU6_str	BOBJ1	69.92	Before	Interior Girder 2	13.5	0.95	1	1	3.810727
SU6_str	BOBJ1	69.92	Before	Interior Girder 3	13.5	0.95	1	1	3.720133
SU6_str	BOBJ1	69.92	Before	Interior Girder 4	13.5	0.95	1	1	3.720133
SU6_str	BOBJ1	69.92	Before	Interior Girder 5	13.5	0.95	1	1	3.810727
SU6_str	BOBJ1	69.92	Before	Interior Girder 6	13.5	0.95	1	1	4.237563
SU6_str	BOBJ1	69.92	Before	Right Exterior Girder	13.5	0.95	1	1	5.155456
SU6_str	BOBJ1	69.92	After	Left Exterior Girder	13.5	0.95	1	1	4.408046
SU6_str	BOBJ1	69.92	After	Interior Girder 1	13.5	0.95	1	1	3.956216
SU6_str	BOBJ1	69.92	After	Interior Girder 2	13.5	0.95	1	1	3.584156
SU6_str	BOBJ1	69.92	After	Interior Girder 3	13.5	0.95	1	1	3.538339
SU6_str	BOBJ1	69.92	After	Interior Girder 4	13.5	0.95	1	1	3.538339
SU6_str	BOBJ1	69.92	After	Interior Girder 5	13.5	0.95	1	1	3.584156
SU6_str	BOBJ1	69.92	After	Interior Girder 6	13.5	0.95	1	1	3.956216
SU6_str	BOBJ1	69.92	After	Right Exterior Girder	13.5	0.95	1	1	4.408046
SU6_str	BOBJ1	73.27	Before	Left Exterior Girder	16.85	0.95	1	1	3.723122
SU6_str	BOBJ1	73.27	Before	Interior Girder 1	16.85	0.95	1	1	3.114969
SU6_str	BOBJ1	73.27	Before	Interior Girder 2	16.85	0.95	1	1	2.841523
SU6_str	BOBJ1	73.27	Before	Interior Girder 3	16.85	0.95	1	1	2.780865
SU6_str	BOBJ1	73.27	Before	Interior Girder 4	16.85	0.95	1	1	2.780865
SU6_str	BOBJ1	73.27	Before	Interior Girder 5	16.85	0.95	1	1	2.841523
SU6_str	BOBJ1	73.27	Before	Interior Girder 6	16.85	0.95	1	1	3.114969
SU6_str	BOBJ1	73.27	Before	Right Exterior Girder	16.85	0.95	1	1	3.723122
SU6_str	BOBJ1	73.27	After	Left Exterior Girder	16.85	0.95	1	1	3.805445
SU6_str	BOBJ1	73.27	After	Interior Girder 1	16.85	0.95	1	1	3.054956
SU6_str	BOBJ1	73.27	After	Interior Girder 2	16.85	0.95	1	1	2.818086
SU6_str	BOBJ1	73.27	After	Interior Girder 3	16.85	0.95	1	1	2.783856

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelINonCompStrgth-Flx - Approach, Span 7-11									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
SU6_str	BOBJ1	73.27	After	Interior Girder 4	16.85	0.95	1	1	2.783856
SU6_str	BOBJ1	73.27	After	Interior Girder 5	16.85	0.95	1	1	2.818086
SU6_str	BOBJ1	73.27	After	Interior Girder 6	16.85	0.95	1	1	3.054956
SU6_str	BOBJ1	73.27	After	Right Exterior Girder	16.85	0.95	1	1	3.805445
SU6_str	BOBJ1	81.695	Before	Left Exterior Girder	25.275	0.95	1	1	2.236245
SU6_str	BOBJ1	81.695	Before	Interior Girder 1	25.275	0.95	1	1	1.813993
SU6_str	BOBJ1	81.695	Before	Interior Girder 2	25.275	0.95	1	1	1.746686
SU6_str	BOBJ1	81.695	Before	Interior Girder 3	25.275	0.95	1	1	1.696159
SU6_str	BOBJ1	81.695	Before	Interior Girder 4	25.275	0.95	1	1	1.696159
SU6_str	BOBJ1	81.695	Before	Interior Girder 5	25.275	0.95	1	1	1.746686
SU6_str	BOBJ1	81.695	Before	Interior Girder 6	25.275	0.95	1	1	1.813993
SU6_str	BOBJ1	81.695	Before	Right Exterior Girder	25.275	0.95	1	1	2.236245
SU6_str	BOBJ1	81.695	After	Left Exterior Girder	25.275	0.95	1	1	2.271275
SU6_str	BOBJ1	81.695	After	Interior Girder 1	25.275	0.95	1	1	1.793941
SU6_str	BOBJ1	81.695	After	Interior Girder 2	25.275	0.95	1	1	1.742497
SU6_str	BOBJ1	81.695	After	Interior Girder 3	25.275	0.95	1	1	1.709582
SU6_str	BOBJ1	81.695	After	Interior Girder 4	25.275	0.95	1	1	1.709582
SU6_str	BOBJ1	81.695	After	Interior Girder 5	25.275	0.95	1	1	1.742497
SU6_str	BOBJ1	81.695	After	Interior Girder 6	25.275	0.95	1	1	1.793941
SU6_str	BOBJ1	81.695	After	Right Exterior Girder	25.275	0.95	1	1	2.271275
SU6_str	BOBJ1	90.12	Before	Left Exterior Girder	33.7	0.95	1	1	1.774897
SU6_str	BOBJ1	90.12	Before	Interior Girder 1	33.7	0.95	1	1	1.67132
SU6_str	BOBJ1	90.12	Before	Interior Girder 2	33.7	0.95	1	1	1.630446
SU6_str	BOBJ1	90.12	Before	Interior Girder 3	33.7	0.95	1	1	1.642989
SU6_str	BOBJ1	90.12	Before	Interior Girder 4	33.7	0.95	1	1	1.642989
SU6_str	BOBJ1	90.12	Before	Interior Girder 5	33.7	0.95	1	1	1.630446
SU6_str	BOBJ1	90.12	Before	Interior Girder 6	33.7	0.95	1	1	1.67132
SU6_str	BOBJ1	90.12	Before	Right Exterior Girder	33.7	0.95	1	1	1.774897
SU6_str	BOBJ1	90.12	After	Left Exterior Girder	33.7	0.95	1	1	1.77731
SU6_str	BOBJ1	90.12	After	Interior Girder 1	33.7	0.95	1	1	1.671298
SU6_str	BOBJ1	90.12	After	Interior Girder 2	33.7	0.95	1	1	1.629518
SU6_str	BOBJ1	90.12	After	Interior Girder 3	33.7	0.95	1	1	1.642572
SU6_str	BOBJ1	90.12	After	Interior Girder 4	33.7	0.95	1	1	1.642572
SU6_str	BOBJ1	90.12	After	Interior Girder 5	33.7	0.95	1	1	1.629518
SU6_str	BOBJ1	90.12	After	Interior Girder 6	33.7	0.95	1	1	1.671298
SU6_str	BOBJ1	90.12	After	Right Exterior Girder	33.7	0.95	1	1	1.77731
SU6_str	BOBJ1	98.545	Before	Left Exterior Girder	42.125	0.95	1	1	2.20862
SU6_str	BOBJ1	98.545	Before	Interior Girder 1	42.125	0.95	1	1	1.771008
SU6_str	BOBJ1	98.545	Before	Interior Girder 2	42.125	0.95	1	1	1.727609
SU6_str	BOBJ1	98.545	Before	Interior Girder 3	42.125	0.95	1	1	1.698124
SU6_str	BOBJ1	98.545	Before	Interior Girder 4	42.125	0.95	1	1	1.698124
SU6_str	BOBJ1	98.545	Before	Interior Girder 5	42.125	0.95	1	1	1.727609
SU6_str	BOBJ1	98.545	Before	Interior Girder 6	42.125	0.95	1	1	1.771008
SU6_str	BOBJ1	98.545	Before	Right Exterior Girder	42.125	0.95	1	1	2.20862
SU6_str	BOBJ1	98.545	After	Left Exterior Girder	42.125	0.95	1	1	2.180576
SU6_str	BOBJ1	98.545	After	Interior Girder 1	42.125	0.95	1	1	1.789097
SU6_str	BOBJ1	98.545	After	Interior Girder 2	42.125	0.95	1	1	1.730681
SU6_str	BOBJ1	98.545	After	Interior Girder 3	42.125	0.95	1	1	1.685351
SU6_str	BOBJ1	98.545	After	Interior Girder 4	42.125	0.95	1	1	1.685351
SU6_str	BOBJ1	98.545	After	Interior Girder 5	42.125	0.95	1	1	1.730681
SU6_str	BOBJ1	98.545	After	Interior Girder 6	42.125	0.95	1	1	1.789097
SU6_str	BOBJ1	98.545	After	Right Exterior Girder	42.125	0.95	1	1	2.180576
SU6_str	BOBJ1	106.97	Before	Left Exterior Girder	50.55	0.95	1	1	3.573018
SU6_str	BOBJ1	106.97	Before	Interior Girder 1	50.55	0.95	1	1	2.941063
SU6_str	BOBJ1	106.97	Before	Interior Girder 2	50.55	0.95	1	1	2.745094
SU6_str	BOBJ1	106.97	Before	Interior Girder 3	50.55	0.95	1	1	2.710199
SU6_str	BOBJ1	106.97	Before	Interior Girder 4	50.55	0.95	1	1	2.710199
SU6_str	BOBJ1	106.97	Before	Interior Girder 5	50.55	0.95	1	1	2.745094
SU6_str	BOBJ1	106.97	Before	Interior Girder 6	50.55	0.95	1	1	2.941063
SU6_str	BOBJ1	106.97	Before	Right Exterior Girder	50.55	0.95	1	1	3.573018
SU6_str	BOBJ1	106.97	After	Left Exterior Girder	50.55	0.95	1	1	3.487214
SU6_str	BOBJ1	106.97	After	Interior Girder 1	50.55	0.95	1	1	2.994418
SU6_str	BOBJ1	106.97	After	Interior Girder 2	50.55	0.95	1	1	2.749128
SU6_str	BOBJ1	106.97	After	Interior Girder 3	50.55	0.95	1	1	2.672385
SU6_str	BOBJ1	106.97	After	Interior Girder 4	50.55	0.95	1	1	2.672385

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelINonCompStrgth-Flx - Approach, Span 7-11									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
SU6_str	BOBJ1	106.97	After	Interior Girder 5	50.55	0.95	1	1	2.749128
SU6_str	BOBJ1	106.97	After	Interior Girder 6	50.55	0.95	1	1	2.994418
SU6_str	BOBJ1	106.97	After	Right Exterior Girder	50.55	0.95	1	1	3.487214
SU6_str	BOBJ1	115.405	Before	Left Exterior Girder	58.985	0.95	1	1	2.722962
SU6_str	BOBJ1	115.405	Before	Interior Girder 1	58.985	0.95	1	1	3.078566
SU6_str	BOBJ1	115.405	Before	Interior Girder 2	58.985	0.95	1	1	3.069207
SU6_str	BOBJ1	115.405	Before	Interior Girder 3	58.985	0.95	1	1	2.967548
SU6_str	BOBJ1	115.405	Before	Interior Girder 4	58.985	0.95	1	1	2.967548
SU6_str	BOBJ1	115.405	Before	Interior Girder 5	58.985	0.95	1	1	3.069207
SU6_str	BOBJ1	115.405	Before	Interior Girder 6	58.985	0.95	1	1	3.078566
SU6_str	BOBJ1	115.405	Before	Right Exterior Girder	58.985	0.95	1	1	2.722962
SU6_str	BOBJ1	115.405	After	Left Exterior Girder	58.985	0.95	1	1	2.801147
SU6_str	BOBJ1	115.405	After	Interior Girder 1	58.985	0.95	1	1	3.012238
SU6_str	BOBJ1	115.405	After	Interior Girder 2	58.985	0.95	1	1	3.035624
SU6_str	BOBJ1	115.405	After	Interior Girder 3	58.985	0.95	1	1	2.958471
SU6_str	BOBJ1	115.405	After	Interior Girder 4	58.985	0.95	1	1	2.958471
SU6_str	BOBJ1	115.405	After	Interior Girder 5	58.985	0.95	1	1	3.035624
SU6_str	BOBJ1	115.405	After	Interior Girder 6	58.985	0.95	1	1	3.012238
SU6_str	BOBJ1	115.405	After	Right Exterior Girder	58.985	0.95	1	1	2.801147
SU6_str	BOBJ1	116.34	Before	Left Exterior Girder	59.92	0.95	1	1	2.531599
SU6_str	BOBJ1	116.34	Before	Right Exterior Girder	59.92	0.95	1	1	2.531599
SU6_str	BOBJ1	116.34	After	Left Exterior Girder	59.92	0.95	1	1	5.305092
SU6_str	BOBJ1	116.34	After	Right Exterior Girder	59.92	0.95	1	1	5.305092
SU6_str	BOBJ1	118.84	Before	Interior Girder 1	62.42	0.95	1	1	2.423337
SU6_str	BOBJ1	118.84	Before	Interior Girder 2	62.42	0.95	1	1	2.437946
SU6_str	BOBJ1	118.84	Before	Interior Girder 3	62.42	0.95	1	1	2.261326
SU6_str	BOBJ1	118.84	Before	Interior Girder 4	62.42	0.95	1	1	2.261326
SU6_str	BOBJ1	118.84	Before	Interior Girder 5	62.42	0.95	1	1	2.437946
SU6_str	BOBJ1	118.84	Before	Interior Girder 6	62.42	0.95	1	1	2.423337
SU6_str	BOBJ1	118.84	After	Interior Girder 1	62.42	0.95	1	1	3.501905
SU6_str	BOBJ1	118.84	After	Interior Girder 2	62.42	0.95	1	1	3.413039
SU6_str	BOBJ1	118.84	After	Interior Girder 3	62.42	0.95	1	1	3.22352
SU6_str	BOBJ1	118.84	After	Interior Girder 4	62.42	0.95	1	1	3.22352
SU6_str	BOBJ1	118.84	After	Interior Girder 5	62.42	0.95	1	1	3.413039
SU6_str	BOBJ1	118.84	After	Interior Girder 6	62.42	0.95	1	1	3.501905
SU6_str	BOBJ1	123.84	Before	Left Exterior Girder	67.42	0.95	1	1	3.160752
SU6_str	BOBJ1	123.84	Before	Interior Girder 1	67.42	0.95	1	1	2.37773
SU6_str	BOBJ1	123.84	Before	Interior Girder 2	67.42	0.95	1	1	2.285834
SU6_str	BOBJ1	123.84	Before	Interior Girder 3	67.42	0.95	1	1	1.858023
SU6_str	BOBJ1	123.84	Before	Interior Girder 4	67.42	0.95	1	1	1.858023
SU6_str	BOBJ1	123.84	Before	Interior Girder 5	67.42	0.95	1	1	2.285834
SU6_str	BOBJ1	123.84	Before	Interior Girder 6	67.42	0.95	1	1	2.37773
SU6_str	BOBJ1	123.84	Before	Right Exterior Girder	67.42	0.95	1	1	3.160752
SU6_str	BOBJ1	123.84	After	Left Exterior Girder	0	0.95	1	1	3.129364
SU6_str	BOBJ1	123.84	After	Interior Girder 1	0	0.95	1	1	2.342023
SU6_str	BOBJ1	123.84	After	Interior Girder 2	0	0.95	1	1	2.278134
SU6_str	BOBJ1	123.84	After	Interior Girder 3	0	0.95	1	1	1.853183
SU6_str	BOBJ1	123.84	After	Interior Girder 4	0	0.95	1	1	1.853183
SU6_str	BOBJ1	123.84	After	Interior Girder 5	0	0.95	1	1	2.278134
SU6_str	BOBJ1	123.84	After	Interior Girder 6	0	0.95	1	1	2.342023
SU6_str	BOBJ1	123.84	After	Right Exterior Girder	0	0.95	1	1	3.129364
SU6_str	BOBJ1	128.84	Before	Interior Girder 1	5	0.95	1	1	3.581891
SU6_str	BOBJ1	128.84	Before	Interior Girder 2	5	0.95	1	1	3.478286
SU6_str	BOBJ1	128.84	Before	Interior Girder 3	5	0.95	1	1	3.267078
SU6_str	BOBJ1	128.84	Before	Interior Girder 4	5	0.95	1	1	3.267078
SU6_str	BOBJ1	128.84	Before	Interior Girder 5	5	0.95	1	1	3.478286
SU6_str	BOBJ1	128.84	Before	Interior Girder 6	5	0.95	1	1	3.581891
SU6_str	BOBJ1	128.84	After	Interior Girder 1	5	0.95	1	1	2.48559
SU6_str	BOBJ1	128.84	After	Interior Girder 2	5	0.95	1	1	2.486789
SU6_str	BOBJ1	128.84	After	Interior Girder 3	5	0.95	1	1	2.29948
SU6_str	BOBJ1	128.84	After	Interior Girder 4	5	0.95	1	1	2.29948
SU6_str	BOBJ1	128.84	After	Interior Girder 5	5	0.95	1	1	2.486789
SU6_str	BOBJ1	128.84	After	Interior Girder 6	5	0.95	1	1	2.48559
SU6_str	BOBJ1	131.34	Before	Left Exterior Girder	7.5	0.95	1	1	5.467684
SU6_str	BOBJ1	131.34	Before	Right Exterior Girder	7.5	0.95	1	1	5.467684

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelINonCompStrgth-Flx - Approach, Span 7-11									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
SU6_str	BOBJ1	131.34	After	Left Exterior Girder	7.5	0.95	1	1	2.61246
SU6_str	BOBJ1	131.34	After	Right Exterior Girder	7.5	0.95	1	1	2.61246
SU6_str	BOBJ1	132.265	Before	Left Exterior Girder	8.425	0.95	1	1	2.874846
SU6_str	BOBJ1	132.265	Before	Interior Girder 1	8.425	0.95	1	1	3.088136
SU6_str	BOBJ1	132.265	Before	Interior Girder 2	8.425	0.95	1	1	3.095101
SU6_str	BOBJ1	132.265	Before	Interior Girder 3	8.425	0.95	1	1	3.008879
SU6_str	BOBJ1	132.265	Before	Interior Girder 4	8.425	0.95	1	1	3.008879
SU6_str	BOBJ1	132.265	Before	Interior Girder 5	8.425	0.95	1	1	3.095101
SU6_str	BOBJ1	132.265	Before	Interior Girder 6	8.425	0.95	1	1	3.088136
SU6_str	BOBJ1	132.265	Before	Right Exterior Girder	8.425	0.95	1	1	2.874846
SU6_str	BOBJ1	132.265	After	Left Exterior Girder	8.425	0.95	1	1	2.794741
SU6_str	BOBJ1	132.265	After	Interior Girder 1	8.425	0.95	1	1	3.155464
SU6_str	BOBJ1	132.265	After	Interior Girder 2	8.425	0.95	1	1	3.129819
SU6_str	BOBJ1	132.265	After	Interior Girder 3	8.425	0.95	1	1	3.019701
SU6_str	BOBJ1	132.265	After	Interior Girder 4	8.425	0.95	1	1	3.019701
SU6_str	BOBJ1	132.265	After	Interior Girder 5	8.425	0.95	1	1	3.129819
SU6_str	BOBJ1	132.265	After	Interior Girder 6	8.425	0.95	1	1	3.155464
SU6_str	BOBJ1	132.265	After	Right Exterior Girder	8.425	0.95	1	1	2.794741
SU6_str	BOBJ1	140.69	Before	Left Exterior Girder	16.85	0.95	1	1	3.516608
SU6_str	BOBJ1	140.69	Before	Interior Girder 1	16.85	0.95	1	1	3.000392
SU6_str	BOBJ1	140.69	Before	Interior Girder 2	16.85	0.95	1	1	2.754983
SU6_str	BOBJ1	140.69	Before	Interior Girder 3	16.85	0.95	1	1	2.681287
SU6_str	BOBJ1	140.69	Before	Interior Girder 4	16.85	0.95	1	1	2.681287
SU6_str	BOBJ1	140.69	Before	Interior Girder 5	16.85	0.95	1	1	2.754983
SU6_str	BOBJ1	140.69	Before	Interior Girder 6	16.85	0.95	1	1	3.000392
SU6_str	BOBJ1	140.69	Before	Right Exterior Girder	16.85	0.95	1	1	3.516608
SU6_str	BOBJ1	140.69	After	Left Exterior Girder	16.85	0.95	1	1	3.606123
SU6_str	BOBJ1	140.69	After	Interior Girder 1	16.85	0.95	1	1	2.947374
SU6_str	BOBJ1	140.69	After	Interior Girder 2	16.85	0.95	1	1	2.750404
SU6_str	BOBJ1	140.69	After	Interior Girder 3	16.85	0.95	1	1	2.718557
SU6_str	BOBJ1	140.69	After	Interior Girder 4	16.85	0.95	1	1	2.718557
SU6_str	BOBJ1	140.69	After	Interior Girder 5	16.85	0.95	1	1	2.750404
SU6_str	BOBJ1	140.69	After	Interior Girder 6	16.85	0.95	1	1	2.947374
SU6_str	BOBJ1	140.69	After	Right Exterior Girder	16.85	0.95	1	1	3.606123
SU6_str	BOBJ1	149.115	Before	Left Exterior Girder	25.275	0.95	1	1	2.168459
SU6_str	BOBJ1	149.115	Before	Interior Girder 1	25.275	0.95	1	1	1.776895
SU6_str	BOBJ1	149.115	Before	Interior Girder 2	25.275	0.95	1	1	1.723316
SU6_str	BOBJ1	149.115	Before	Interior Girder 3	25.275	0.95	1	1	1.682561
SU6_str	BOBJ1	149.115	Before	Interior Girder 4	25.275	0.95	1	1	1.682561
SU6_str	BOBJ1	149.115	Before	Interior Girder 5	25.275	0.95	1	1	1.723316
SU6_str	BOBJ1	149.115	Before	Interior Girder 6	25.275	0.95	1	1	1.776895
SU6_str	BOBJ1	149.115	Before	Right Exterior Girder	25.275	0.95	1	1	2.168459
SU6_str	BOBJ1	149.115	After	Left Exterior Girder	25.275	0.95	1	1	2.198181
SU6_str	BOBJ1	149.115	After	Interior Girder 1	25.275	0.95	1	1	1.759289
SU6_str	BOBJ1	149.115	After	Interior Girder 2	25.275	0.95	1	1	1.719594
SU6_str	BOBJ1	149.115	After	Interior Girder 3	25.275	0.95	1	1	1.694954
SU6_str	BOBJ1	149.115	After	Interior Girder 4	25.275	0.95	1	1	1.694954
SU6_str	BOBJ1	149.115	After	Interior Girder 5	25.275	0.95	1	1	1.719594
SU6_str	BOBJ1	149.115	After	Interior Girder 6	25.275	0.95	1	1	1.759289
SU6_str	BOBJ1	149.115	After	Right Exterior Girder	25.275	0.95	1	1	2.198181
SU6_str	BOBJ1	157.54	Before	Left Exterior Girder	33.7	0.95	1	1	1.74686
SU6_str	BOBJ1	157.54	Before	Interior Girder 1	33.7	0.95	1	1	1.646128
SU6_str	BOBJ1	157.54	Before	Interior Girder 2	33.7	0.95	1	1	1.613299
SU6_str	BOBJ1	157.54	Before	Interior Girder 3	33.7	0.95	1	1	1.633509
SU6_str	BOBJ1	157.54	Before	Interior Girder 4	33.7	0.95	1	1	1.633509
SU6_str	BOBJ1	157.54	Before	Interior Girder 5	33.7	0.95	1	1	1.613299
SU6_str	BOBJ1	157.54	Before	Interior Girder 6	33.7	0.95	1	1	1.646128
SU6_str	BOBJ1	157.54	Before	Right Exterior Girder	33.7	0.95	1	1	1.74686
SU6_str	BOBJ1	157.54	After	Left Exterior Girder	33.7	0.95	1	1	1.746978
SU6_str	BOBJ1	157.54	After	Interior Girder 1	33.7	0.95	1	1	1.646083
SU6_str	BOBJ1	157.54	After	Interior Girder 2	33.7	0.95	1	1	1.613295
SU6_str	BOBJ1	157.54	After	Interior Girder 3	33.7	0.95	1	1	1.633516
SU6_str	BOBJ1	157.54	After	Interior Girder 4	33.7	0.95	1	1	1.633516
SU6_str	BOBJ1	157.54	After	Interior Girder 5	33.7	0.95	1	1	1.613295
SU6_str	BOBJ1	157.54	After	Interior Girder 6	33.7	0.95	1	1	1.646083

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelINonCompStrgth-Flx - Approach, Span 7-11									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
SU6_str	BOBJ1	157.54	After	Right Exterior Girder	33.7	0.95	1	1	1.746978
SU6_str	BOBJ1	165.965	Before	Left Exterior Girder	42.125	0.95	1	1	2.196308
SU6_str	BOBJ1	165.965	Before	Interior Girder 1	42.125	0.95	1	1	1.758522
SU6_str	BOBJ1	165.965	Before	Interior Girder 2	42.125	0.95	1	1	1.718871
SU6_str	BOBJ1	165.965	Before	Interior Girder 3	42.125	0.95	1	1	1.694131
SU6_str	BOBJ1	165.965	Before	Interior Girder 4	42.125	0.95	1	1	1.694131
SU6_str	BOBJ1	165.965	Before	Interior Girder 5	42.125	0.95	1	1	1.718871
SU6_str	BOBJ1	165.965	Before	Interior Girder 6	42.125	0.95	1	1	1.758522
SU6_str	BOBJ1	165.965	Before	Right Exterior Girder	42.125	0.95	1	1	2.196308
SU6_str	BOBJ1	165.965	After	Left Exterior Girder	42.125	0.95	1	1	2.166836
SU6_str	BOBJ1	165.965	After	Interior Girder 1	42.125	0.95	1	1	1.776043
SU6_str	BOBJ1	165.965	After	Interior Girder 2	42.125	0.95	1	1	1.722573
SU6_str	BOBJ1	165.965	After	Interior Girder 3	42.125	0.95	1	1	1.681817
SU6_str	BOBJ1	165.965	After	Interior Girder 4	42.125	0.95	1	1	1.681817
SU6_str	BOBJ1	165.965	After	Interior Girder 5	42.125	0.95	1	1	1.722573
SU6_str	BOBJ1	165.965	After	Interior Girder 6	42.125	0.95	1	1	1.776043
SU6_str	BOBJ1	165.965	After	Right Exterior Girder	42.125	0.95	1	1	2.166836
SU6_str	BOBJ1	174.39	Before	Left Exterior Girder	50.55	0.95	1	1	3.598876
SU6_str	BOBJ1	174.39	Before	Interior Girder 1	50.55	0.95	1	1	2.943909
SU6_str	BOBJ1	174.39	Before	Interior Girder 2	50.55	0.95	1	1	2.747479
SU6_str	BOBJ1	174.39	Before	Interior Girder 3	50.55	0.95	1	1	2.715058
SU6_str	BOBJ1	174.39	Before	Interior Girder 4	50.55	0.95	1	1	2.715058
SU6_str	BOBJ1	174.39	Before	Interior Girder 5	50.55	0.95	1	1	2.747479
SU6_str	BOBJ1	174.39	Before	Interior Girder 6	50.55	0.95	1	1	2.943909
SU6_str	BOBJ1	174.39	Before	Right Exterior Girder	50.55	0.95	1	1	3.598876
SU6_str	BOBJ1	174.39	After	Left Exterior Girder	50.55	0.95	1	1	3.509722
SU6_str	BOBJ1	174.39	After	Interior Girder 1	50.55	0.95	1	1	2.996936
SU6_str	BOBJ1	174.39	After	Interior Girder 2	50.55	0.95	1	1	2.752106
SU6_str	BOBJ1	174.39	After	Interior Girder 3	50.55	0.95	1	1	2.677927
SU6_str	BOBJ1	174.39	After	Interior Girder 4	50.55	0.95	1	1	2.677927
SU6_str	BOBJ1	174.39	After	Interior Girder 5	50.55	0.95	1	1	2.752106
SU6_str	BOBJ1	174.39	After	Interior Girder 6	50.55	0.95	1	1	2.996936
SU6_str	BOBJ1	174.39	After	Right Exterior Girder	50.55	0.95	1	1	3.509722
SU6_str	BOBJ1	182.825	Before	Left Exterior Girder	58.985	0.95	1	1	2.796354
SU6_str	BOBJ1	182.825	Before	Interior Girder 1	58.985	0.95	1	1	3.152435
SU6_str	BOBJ1	182.825	Before	Interior Girder 2	58.985	0.95	1	1	3.126604
SU6_str	BOBJ1	182.825	Before	Interior Girder 3	58.985	0.95	1	1	3.020515
SU6_str	BOBJ1	182.825	Before	Interior Girder 4	58.985	0.95	1	1	3.020515
SU6_str	BOBJ1	182.825	Before	Interior Girder 5	58.985	0.95	1	1	3.126604
SU6_str	BOBJ1	182.825	Before	Interior Girder 6	58.985	0.95	1	1	3.152435
SU6_str	BOBJ1	182.825	Before	Right Exterior Girder	58.985	0.95	1	1	2.796354
SU6_str	BOBJ1	182.825	After	Left Exterior Girder	58.985	0.95	1	1	2.876685
SU6_str	BOBJ1	182.825	After	Interior Girder 1	58.985	0.95	1	1	3.085178
SU6_str	BOBJ1	182.825	After	Interior Girder 2	58.985	0.95	1	1	3.09179
SU6_str	BOBJ1	182.825	After	Interior Girder 3	58.985	0.95	1	1	3.009993
SU6_str	BOBJ1	182.825	After	Interior Girder 4	58.985	0.95	1	1	3.009993
SU6_str	BOBJ1	182.825	After	Interior Girder 5	58.985	0.95	1	1	3.09179
SU6_str	BOBJ1	182.825	After	Interior Girder 6	58.985	0.95	1	1	3.085178
SU6_str	BOBJ1	182.825	After	Right Exterior Girder	58.985	0.95	1	1	2.876685
SU6_str	BOBJ1	183.76	Before	Left Exterior Girder	59.92	0.95	1	1	2.600148
SU6_str	BOBJ1	183.76	Before	Right Exterior Girder	59.92	0.95	1	1	2.600148
SU6_str	BOBJ1	183.76	After	Left Exterior Girder	59.92	0.95	1	1	5.44892
SU6_str	BOBJ1	183.76	After	Right Exterior Girder	59.92	0.95	1	1	5.44892
SU6_str	BOBJ1	186.26	Before	Interior Girder 1	62.42	0.95	1	1	2.480398
SU6_str	BOBJ1	186.26	Before	Interior Girder 2	62.42	0.95	1	1	2.481662
SU6_str	BOBJ1	186.26	Before	Interior Girder 3	62.42	0.95	1	1	2.298631
SU6_str	BOBJ1	186.26	Before	Interior Girder 4	62.42	0.95	1	1	2.298631
SU6_str	BOBJ1	186.26	Before	Interior Girder 5	62.42	0.95	1	1	2.481662
SU6_str	BOBJ1	186.26	Before	Interior Girder 6	62.42	0.95	1	1	2.480398
SU6_str	BOBJ1	186.26	After	Interior Girder 1	62.42	0.95	1	1	3.575834
SU6_str	BOBJ1	186.26	After	Interior Girder 2	62.42	0.95	1	1	3.472194
SU6_str	BOBJ1	186.26	After	Interior Girder 3	62.42	0.95	1	1	3.266767
SU6_str	BOBJ1	186.26	After	Interior Girder 4	62.42	0.95	1	1	3.266767
SU6_str	BOBJ1	186.26	After	Interior Girder 5	62.42	0.95	1	1	3.472194
SU6_str	BOBJ1	186.26	After	Interior Girder 6	62.42	0.95	1	1	3.575834

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelINonCompStrgth-Flx - Approach, Span 7-11									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
SU6_str	BOBJ1	191.26	Before	Left Exterior Girder	67.42	0.95	1	1	3.129216
SU6_str	BOBJ1	191.26	Before	Interior Girder 1	67.42	0.95	1	1	2.336067
SU6_str	BOBJ1	191.26	Before	Interior Girder 2	67.42	0.95	1	1	2.27146
SU6_str	BOBJ1	191.26	Before	Interior Girder 3	67.42	0.95	1	1	1.852156
SU6_str	BOBJ1	191.26	Before	Interior Girder 4	67.42	0.95	1	1	1.852156
SU6_str	BOBJ1	191.26	Before	Interior Girder 5	67.42	0.95	1	1	2.27146
SU6_str	BOBJ1	191.26	Before	Interior Girder 6	67.42	0.95	1	1	2.336067
SU6_str	BOBJ1	191.26	Before	Right Exterior Girder	67.42	0.95	1	1	3.129216
SU6_str	BOBJ1	191.26	After	Left Exterior Girder	0	0.95	1	1	3.156169
SU6_str	BOBJ1	191.26	After	Interior Girder 1	0	0.95	1	1	2.380544
SU6_str	BOBJ1	191.26	After	Interior Girder 2	0	0.95	1	1	2.290081
SU6_str	BOBJ1	191.26	After	Interior Girder 3	0	0.95	1	1	1.857408
SU6_str	BOBJ1	191.26	After	Interior Girder 4	0	0.95	1	1	1.857408
SU6_str	BOBJ1	191.26	After	Interior Girder 5	0	0.95	1	1	2.290081
SU6_str	BOBJ1	191.26	After	Interior Girder 6	0	0.95	1	1	2.380544
SU6_str	BOBJ1	191.26	After	Right Exterior Girder	0	0.95	1	1	3.156169
SU6_str	BOBJ1	196.26	Before	Interior Girder 1	5	0.95	1	1	3.504784
SU6_str	BOBJ1	196.26	Before	Interior Girder 2	5	0.95	1	1	3.416943
SU6_str	BOBJ1	196.26	Before	Interior Girder 3	5	0.95	1	1	3.222088
SU6_str	BOBJ1	196.26	Before	Interior Girder 4	5	0.95	1	1	3.222088
SU6_str	BOBJ1	196.26	Before	Interior Girder 5	5	0.95	1	1	3.416943
SU6_str	BOBJ1	196.26	Before	Interior Girder 6	5	0.95	1	1	3.504784
SU6_str	BOBJ1	196.26	After	Interior Girder 1	5	0.95	1	1	2.425427
SU6_str	BOBJ1	196.26	After	Interior Girder 2	5	0.95	1	1	2.440854
SU6_str	BOBJ1	196.26	After	Interior Girder 3	5	0.95	1	1	2.260287
SU6_str	BOBJ1	196.26	After	Interior Girder 4	5	0.95	1	1	2.260287
SU6_str	BOBJ1	196.26	After	Interior Girder 5	5	0.95	1	1	2.440854
SU6_str	BOBJ1	196.26	After	Interior Girder 6	5	0.95	1	1	2.425427
SU6_str	BOBJ1	198.76	Before	Left Exterior Girder	7.5	0.95	1	1	5.319782
SU6_str	BOBJ1	198.76	Before	Right Exterior Girder	7.5	0.95	1	1	5.319782
SU6_str	BOBJ1	198.76	After	Left Exterior Girder	7.5	0.95	1	1	2.539947
SU6_str	BOBJ1	198.76	After	Right Exterior Girder	7.5	0.95	1	1	2.539947
SU6_str	BOBJ1	199.685	Before	Left Exterior Girder	8.425	0.95	1	1	2.795926
SU6_str	BOBJ1	199.685	Before	Interior Girder 1	8.425	0.95	1	1	3.012488
SU6_str	BOBJ1	199.685	Before	Interior Girder 2	8.425	0.95	1	1	3.037011
SU6_str	BOBJ1	199.685	Before	Interior Girder 3	8.425	0.95	1	1	2.955851
SU6_str	BOBJ1	199.685	Before	Interior Girder 4	8.425	0.95	1	1	2.955851
SU6_str	BOBJ1	199.685	Before	Interior Girder 5	8.425	0.95	1	1	3.037011
SU6_str	BOBJ1	199.685	Before	Interior Girder 6	8.425	0.95	1	1	3.012488
SU6_str	BOBJ1	199.685	Before	Right Exterior Girder	8.425	0.95	1	1	2.795926
SU6_str	BOBJ1	199.685	After	Left Exterior Girder	8.425	0.95	1	1	2.717762
SU6_str	BOBJ1	199.685	After	Interior Girder 1	8.425	0.95	1	1	3.078894
SU6_str	BOBJ1	199.685	After	Interior Girder 2	8.425	0.95	1	1	3.070528
SU6_str	BOBJ1	199.685	After	Interior Girder 3	8.425	0.95	1	1	2.965268
SU6_str	BOBJ1	199.685	After	Interior Girder 4	8.425	0.95	1	1	2.965268
SU6_str	BOBJ1	199.685	After	Interior Girder 5	8.425	0.95	1	1	3.070528
SU6_str	BOBJ1	199.685	After	Interior Girder 6	8.425	0.95	1	1	3.078894
SU6_str	BOBJ1	199.685	After	Right Exterior Girder	8.425	0.95	1	1	2.717762
SU6_str	BOBJ1	208.11	Before	Left Exterior Girder	16.85	0.95	1	1	3.495117
SU6_str	BOBJ1	208.11	Before	Interior Girder 1	16.85	0.95	1	1	2.998504
SU6_str	BOBJ1	208.11	Before	Interior Girder 2	16.85	0.95	1	1	2.752409
SU6_str	BOBJ1	208.11	Before	Interior Girder 3	16.85	0.95	1	1	2.67605
SU6_str	BOBJ1	208.11	Before	Interior Girder 4	16.85	0.95	1	1	2.67605
SU6_str	BOBJ1	208.11	Before	Interior Girder 5	16.85	0.95	1	1	2.752409
SU6_str	BOBJ1	208.11	Before	Interior Girder 6	16.85	0.95	1	1	2.998504
SU6_str	BOBJ1	208.11	Before	Right Exterior Girder	16.85	0.95	1	1	3.495117
SU6_str	BOBJ1	208.11	After	Left Exterior Girder	16.85	0.95	1	1	3.581511
SU6_str	BOBJ1	208.11	After	Interior Girder 1	16.85	0.95	1	1	2.94513
SU6_str	BOBJ1	208.11	After	Interior Girder 2	16.85	0.95	1	1	2.748359
SU6_str	BOBJ1	208.11	After	Interior Girder 3	16.85	0.95	1	1	2.713913
SU6_str	BOBJ1	208.11	After	Interior Girder 4	16.85	0.95	1	1	2.713913
SU6_str	BOBJ1	208.11	After	Interior Girder 5	16.85	0.95	1	1	2.748359
SU6_str	BOBJ1	208.11	After	Interior Girder 6	16.85	0.95	1	1	2.94513
SU6_str	BOBJ1	208.11	After	Right Exterior Girder	16.85	0.95	1	1	3.581511
SU6_str	BOBJ1	216.535	Before	Left Exterior Girder	25.275	0.95	1	1	2.181623

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelINonCompStrgth-Flx - Approach, Span 7-11									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
SU6_str	BOBJ1	216.535	Before	Interior Girder 1	25.275	0.95	1	1	1.789519
SU6_str	BOBJ1	216.535	Before	Interior Girder 2	25.275	0.95	1	1	1.731115
SU6_str	BOBJ1	216.535	Before	Interior Girder 3	25.275	0.95	1	1	1.68586
SU6_str	BOBJ1	216.535	Before	Interior Girder 4	25.275	0.95	1	1	1.68586
SU6_str	BOBJ1	216.535	Before	Interior Girder 5	25.275	0.95	1	1	1.731115
SU6_str	BOBJ1	216.535	Before	Interior Girder 6	25.275	0.95	1	1	1.789519
SU6_str	BOBJ1	216.535	Before	Right Exterior Girder	25.275	0.95	1	1	2.181623
SU6_str	BOBJ1	216.535	After	Left Exterior Girder	25.275	0.95	1	1	2.21015
SU6_str	BOBJ1	216.535	After	Interior Girder 1	25.275	0.95	1	1	1.771329
SU6_str	BOBJ1	216.535	After	Interior Girder 2	25.275	0.95	1	1	1.72795
SU6_str	BOBJ1	216.535	After	Interior Girder 3	25.275	0.95	1	1	1.698622
SU6_str	BOBJ1	216.535	After	Interior Girder 4	25.275	0.95	1	1	1.698622
SU6_str	BOBJ1	216.535	After	Interior Girder 5	25.275	0.95	1	1	1.72795
SU6_str	BOBJ1	216.535	After	Interior Girder 6	25.275	0.95	1	1	1.771329
SU6_str	BOBJ1	216.535	After	Right Exterior Girder	25.275	0.95	1	1	2.21015
SU6_str	BOBJ1	224.96	Before	Left Exterior Girder	33.7	0.95	1	1	1.775546
SU6_str	BOBJ1	224.96	Before	Interior Girder 1	33.7	0.95	1	1	1.670066
SU6_str	BOBJ1	224.96	Before	Interior Girder 2	33.7	0.95	1	1	1.62866
SU6_str	BOBJ1	224.96	Before	Interior Girder 3	33.7	0.95	1	1	1.64186
SU6_str	BOBJ1	224.96	Before	Interior Girder 4	33.7	0.95	1	1	1.64186
SU6_str	BOBJ1	224.96	Before	Interior Girder 5	33.7	0.95	1	1	1.62866
SU6_str	BOBJ1	224.96	Before	Interior Girder 6	33.7	0.95	1	1	1.670066
SU6_str	BOBJ1	224.96	Before	Right Exterior Girder	33.7	0.95	1	1	1.775546
SU6_str	BOBJ1	224.96	After	Left Exterior Girder	33.7	0.95	1	1	1.773591
SU6_str	BOBJ1	224.96	After	Interior Girder 1	33.7	0.95	1	1	1.66999
SU6_str	BOBJ1	224.96	After	Interior Girder 2	33.7	0.95	1	1	1.629433
SU6_str	BOBJ1	224.96	After	Interior Girder 3	33.7	0.95	1	1	1.642173
SU6_str	BOBJ1	224.96	After	Interior Girder 4	33.7	0.95	1	1	1.642173
SU6_str	BOBJ1	224.96	After	Interior Girder 5	33.7	0.95	1	1	1.629433
SU6_str	BOBJ1	224.96	After	Interior Girder 6	33.7	0.95	1	1	1.66999
SU6_str	BOBJ1	224.96	After	Right Exterior Girder	33.7	0.95	1	1	1.773591
SU6_str	BOBJ1	233.385	Before	Left Exterior Girder	42.125	0.95	1	1	2.265705
SU6_str	BOBJ1	233.385	Before	Interior Girder 1	42.125	0.95	1	1	1.790957
SU6_str	BOBJ1	233.385	Before	Interior Girder 2	42.125	0.95	1	1	1.740292
SU6_str	BOBJ1	233.385	Before	Interior Girder 3	42.125	0.95	1	1	1.707607
SU6_str	BOBJ1	233.385	Before	Interior Girder 4	42.125	0.95	1	1	1.707607
SU6_str	BOBJ1	233.385	Before	Interior Girder 5	42.125	0.95	1	1	1.740292
SU6_str	BOBJ1	233.385	Before	Interior Girder 6	42.125	0.95	1	1	1.790957
SU6_str	BOBJ1	233.385	Before	Right Exterior Girder	42.125	0.95	1	1	2.265705
SU6_str	BOBJ1	233.385	After	Left Exterior Girder	42.125	0.95	1	1	2.231235
SU6_str	BOBJ1	233.385	After	Interior Girder 1	42.125	0.95	1	1	1.81085
SU6_str	BOBJ1	233.385	After	Interior Girder 2	42.125	0.95	1	1	1.744372
SU6_str	BOBJ1	233.385	After	Interior Girder 3	42.125	0.95	1	1	1.694213
SU6_str	BOBJ1	233.385	After	Interior Girder 4	42.125	0.95	1	1	1.694213
SU6_str	BOBJ1	233.385	After	Interior Girder 5	42.125	0.95	1	1	1.744372
SU6_str	BOBJ1	233.385	After	Interior Girder 6	42.125	0.95	1	1	1.81085
SU6_str	BOBJ1	233.385	After	Right Exterior Girder	42.125	0.95	1	1	2.231235
SU6_str	BOBJ1	241.81	Before	Left Exterior Girder	50.55	0.95	1	1	3.790227
SU6_str	BOBJ1	241.81	Before	Interior Girder 1	50.55	0.95	1	1	3.047019
SU6_str	BOBJ1	241.81	Before	Interior Girder 2	50.55	0.95	1	1	2.812503
SU6_str	BOBJ1	241.81	Before	Interior Girder 3	50.55	0.95	1	1	2.778376
SU6_str	BOBJ1	241.81	Before	Interior Girder 4	50.55	0.95	1	1	2.778376
SU6_str	BOBJ1	241.81	Before	Interior Girder 5	50.55	0.95	1	1	2.812503
SU6_str	BOBJ1	241.81	Before	Interior Girder 6	50.55	0.95	1	1	3.047019
SU6_str	BOBJ1	241.81	Before	Right Exterior Girder	50.55	0.95	1	1	3.790227
SU6_str	BOBJ1	241.81	After	Left Exterior Girder	50.55	0.95	1	1	3.708708
SU6_str	BOBJ1	241.81	After	Interior Girder 1	50.55	0.95	1	1	3.106619
SU6_str	BOBJ1	241.81	After	Interior Girder 2	50.55	0.95	1	1	2.835745
SU6_str	BOBJ1	241.81	After	Interior Girder 3	50.55	0.95	1	1	2.775333
SU6_str	BOBJ1	241.81	After	Interior Girder 4	50.55	0.95	1	1	2.775333
SU6_str	BOBJ1	241.81	After	Interior Girder 5	50.55	0.95	1	1	2.835745
SU6_str	BOBJ1	241.81	After	Interior Girder 6	50.55	0.95	1	1	3.106619
SU6_str	BOBJ1	241.81	After	Right Exterior Girder	50.55	0.95	1	1	3.708708
SU6_str	BOBJ1	245.18	Before	Left Exterior Girder	53.92	0.95	1	1	4.418747
SU6_str	BOBJ1	245.18	Before	Interior Girder 1	53.92	0.95	1	1	3.951672

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelINonCompStrgth-Flx - Approach, Span 7-11									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
SU6_str	BOBJ1	245.18	Before	Interior Girder 2	53.92	0.95	1	1	3.582504
SU6_str	BOBJ1	245.18	Before	Interior Girder 3	53.92	0.95	1	1	3.535548
SU6_str	BOBJ1	245.18	Before	Interior Girder 4	53.92	0.95	1	1	3.535548
SU6_str	BOBJ1	245.18	Before	Interior Girder 5	53.92	0.95	1	1	3.582504
SU6_str	BOBJ1	245.18	Before	Interior Girder 6	53.92	0.95	1	1	3.951672
SU6_str	BOBJ1	245.18	Before	Right Exterior Girder	53.92	0.95	1	1	4.418747
SU6_str	BOBJ1	245.18	After	Left Exterior Girder	53.92	0.95	1	1	5.165983
SU6_str	BOBJ1	245.18	After	Interior Girder 1	53.92	0.95	1	1	4.233131
SU6_str	BOBJ1	245.18	After	Interior Girder 2	53.92	0.95	1	1	3.809182
SU6_str	BOBJ1	245.18	After	Interior Girder 3	53.92	0.95	1	1	3.71745
SU6_str	BOBJ1	245.18	After	Interior Girder 4	53.92	0.95	1	1	3.71745
SU6_str	BOBJ1	245.18	After	Interior Girder 5	53.92	0.95	1	1	3.809182
SU6_str	BOBJ1	245.18	After	Interior Girder 6	53.92	0.95	1	1	4.233131
SU6_str	BOBJ1	245.18	After	Right Exterior Girder	53.92	0.95	1	1	5.165983
SU6_str	BOBJ1	250.245	Before	Left Exterior Girder	58.985	0.95	1	1	3.668886
SU6_str	BOBJ1	250.245	Before	Interior Girder 1	58.985	0.95	1	1	3.72767
SU6_str	BOBJ1	250.245	Before	Interior Girder 2	58.985	0.95	1	1	3.582235
SU6_str	BOBJ1	250.245	Before	Interior Girder 3	58.985	0.95	1	1	3.444759
SU6_str	BOBJ1	250.245	Before	Interior Girder 4	58.985	0.95	1	1	3.444759
SU6_str	BOBJ1	250.245	Before	Interior Girder 5	58.985	0.95	1	1	3.582235
SU6_str	BOBJ1	250.245	Before	Interior Girder 6	58.985	0.95	1	1	3.72767
SU6_str	BOBJ1	250.245	Before	Right Exterior Girder	58.985	0.95	1	1	3.668886
SU6_str	BOBJ1	250.245	After	Left Exterior Girder	58.985	0.95	1	1	3.711555
SU6_str	BOBJ1	250.245	After	Interior Girder 1	58.985	0.95	1	1	3.682243
SU6_str	BOBJ1	250.245	After	Interior Girder 2	58.985	0.95	1	1	3.541373
SU6_str	BOBJ1	250.245	After	Interior Girder 3	58.985	0.95	1	1	3.423221
SU6_str	BOBJ1	250.245	After	Interior Girder 4	58.985	0.95	1	1	3.423221
SU6_str	BOBJ1	250.245	After	Interior Girder 5	58.985	0.95	1	1	3.541373
SU6_str	BOBJ1	250.245	After	Interior Girder 6	58.985	0.95	1	1	3.682243
SU6_str	BOBJ1	250.245	After	Right Exterior Girder	58.985	0.95	1	1	3.711555
SU6_str	BOBJ1	251.68	Before	Left Exterior Girder	60.42	0.95	1	1	3.291715
SU6_str	BOBJ1	251.68	Before	Right Exterior Girder	60.42	0.95	1	1	3.291715
SU6_str	BOBJ1	251.68	After	Left Exterior Girder	60.42	0.95	1	1	5.985241
SU6_str	BOBJ1	251.68	After	Right Exterior Girder	60.42	0.95	1	1	5.985241
SU6_str	BOBJ1	254.18	Before	Interior Girder 1	62.92	0.95	1	1	2.8544
SU6_str	BOBJ1	254.18	Before	Interior Girder 2	62.92	0.95	1	1	2.774363
SU6_str	BOBJ1	254.18	Before	Interior Girder 3	62.92	0.95	1	1	2.49228
SU6_str	BOBJ1	254.18	Before	Interior Girder 4	62.92	0.95	1	1	2.49228
SU6_str	BOBJ1	254.18	Before	Interior Girder 5	62.92	0.95	1	1	2.774363
SU6_str	BOBJ1	254.18	Before	Interior Girder 6	62.92	0.95	1	1	2.8544
SU6_str	BOBJ1	254.18	After	Interior Girder 1	62.92	0.95	1	1	3.565584
SU6_str	BOBJ1	254.18	After	Interior Girder 2	62.92	0.95	1	1	3.380768
SU6_str	BOBJ1	254.18	After	Interior Girder 3	62.92	0.95	1	1	3.074037
SU6_str	BOBJ1	254.18	After	Interior Girder 4	62.92	0.95	1	1	3.074037
SU6_str	BOBJ1	254.18	After	Interior Girder 5	62.92	0.95	1	1	3.380768
SU6_str	BOBJ1	254.18	After	Interior Girder 6	62.92	0.95	1	1	3.565584
SU6_str	BOBJ1	258.68	Before	Left Exterior Girder	67.42	0.95	1	1	3.043735
SU6_str	BOBJ1	258.68	Before	Interior Girder 1	67.42	0.95	1	1	2.098542
SU6_str	BOBJ1	258.68	Before	Interior Girder 2	67.42	0.95	1	1	2.044698
SU6_str	BOBJ1	258.68	Before	Interior Girder 3	67.42	0.95	1	1	1.679507
SU6_str	BOBJ1	258.68	Before	Interior Girder 4	67.42	0.95	1	1	1.679507
SU6_str	BOBJ1	258.68	Before	Interior Girder 5	67.42	0.95	1	1	2.044698
SU6_str	BOBJ1	258.68	Before	Interior Girder 6	67.42	0.95	1	1	2.098542
SU6_str	BOBJ1	258.68	Before	Right Exterior Girder	67.42	0.95	1	1	3.043735
SU6_str	BOBJ1	258.68	After	Left Exterior Girder	0	0.95	1	1	2.962489
SU6_str	BOBJ1	258.68	After	Interior Girder 1	0	0.95	1	1	2.148807
SU6_str	BOBJ1	258.68	After	Interior Girder 2	0	0.95	1	1	2.040501
SU6_str	BOBJ1	258.68	After	Interior Girder 3	0	0.95	1	1	1.643793
SU6_str	BOBJ1	258.68	After	Interior Girder 4	0	0.95	1	1	1.643793
SU6_str	BOBJ1	258.68	After	Interior Girder 5	0	0.95	1	1	2.040501
SU6_str	BOBJ1	258.68	After	Interior Girder 6	0	0.95	1	1	2.148807
SU6_str	BOBJ1	258.68	After	Right Exterior Girder	0	0.95	1	1	2.962489
SU6_str	BOBJ1	263.18	Before	Interior Girder 1	4.5	0.95	1	1	2.988231
SU6_str	BOBJ1	263.18	Before	Interior Girder 2	4.5	0.95	1	1	2.915555
SU6_str	BOBJ1	263.18	Before	Interior Girder 3	4.5	0.95	1	1	2.731956

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelINonCompStrgth-Flx - Approach, Span 7-11									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
SU6_str	BOBJ1	263.18	Before	Interior Girder 4	4.5	0.95	1	1	2.731956
SU6_str	BOBJ1	263.18	Before	Interior Girder 5	4.5	0.95	1	1	2.915555
SU6_str	BOBJ1	263.18	Before	Interior Girder 6	4.5	0.95	1	1	2.988231
SU6_str	BOBJ1	263.18	After	Interior Girder 1	4.5	0.95	1	1	2.379178
SU6_str	BOBJ1	263.18	After	Interior Girder 2	4.5	0.95	1	1	2.384726
SU6_str	BOBJ1	263.18	After	Interior Girder 3	4.5	0.95	1	1	2.204609
SU6_str	BOBJ1	263.18	After	Interior Girder 4	4.5	0.95	1	1	2.204609
SU6_str	BOBJ1	263.18	After	Interior Girder 5	4.5	0.95	1	1	2.384726
SU6_str	BOBJ1	263.18	After	Interior Girder 6	4.5	0.95	1	1	2.379178
SU6_str	BOBJ1	265.68	Before	Left Exterior Girder	7	0.95	1	1	4.740941
SU6_str	BOBJ1	265.68	Before	Right Exterior Girder	7	0.95	1	1	4.740941
SU6_str	BOBJ1	265.68	After	Left Exterior Girder	7	0.95	1	1	2.61561
SU6_str	BOBJ1	265.68	After	Right Exterior Girder	7	0.95	1	1	2.61561
SU6_str	BOBJ1	268.08	Before	Left Exterior Girder	9.4	0.95	1	1	3.218457
SU6_str	BOBJ1	268.08	Before	Interior Girder 1	9.4	0.95	1	1	3.245847
SU6_str	BOBJ1	268.08	Before	Interior Girder 2	9.4	0.95	1	1	3.241855
SU6_str	BOBJ1	268.08	Before	Interior Girder 3	9.4	0.95	1	1	3.184996
SU6_str	BOBJ1	268.08	Before	Interior Girder 4	9.4	0.95	1	1	3.184996
SU6_str	BOBJ1	268.08	Before	Interior Girder 5	9.4	0.95	1	1	3.241855
SU6_str	BOBJ1	268.08	Before	Interior Girder 6	9.4	0.95	1	1	3.245847
SU6_str	BOBJ1	268.08	Before	Right Exterior Girder	9.4	0.95	1	1	3.218457
SU6_str	BOBJ1	268.08	After	Left Exterior Girder	9.4	0.95	1	1	3.139676
SU6_str	BOBJ1	268.08	After	Interior Girder 1	9.4	0.95	1	1	3.309804
SU6_str	BOBJ1	268.08	After	Interior Girder 2	9.4	0.95	1	1	3.284671
SU6_str	BOBJ1	268.08	After	Interior Girder 3	9.4	0.95	1	1	3.197512
SU6_str	BOBJ1	268.08	After	Interior Girder 4	9.4	0.95	1	1	3.197512
SU6_str	BOBJ1	268.08	After	Interior Girder 5	9.4	0.95	1	1	3.284671
SU6_str	BOBJ1	268.08	After	Interior Girder 6	9.4	0.95	1	1	3.309804
SU6_str	BOBJ1	268.08	After	Right Exterior Girder	9.4	0.95	1	1	3.139676
SU6_str	BOBJ1	277.48	Before	Left Exterior Girder	18.8	0.95	1	1	3.047944
SU6_str	BOBJ1	277.48	Before	Interior Girder 1	18.8	0.95	1	1	2.608489
SU6_str	BOBJ1	277.48	Before	Interior Girder 2	18.8	0.95	1	1	2.394061
SU6_str	BOBJ1	277.48	Before	Interior Girder 3	18.8	0.95	1	1	2.325247
SU6_str	BOBJ1	277.48	Before	Interior Girder 4	18.8	0.95	1	1	2.325247
SU6_str	BOBJ1	277.48	Before	Interior Girder 5	18.8	0.95	1	1	2.394061
SU6_str	BOBJ1	277.48	Before	Interior Girder 6	18.8	0.95	1	1	2.608489
SU6_str	BOBJ1	277.48	Before	Right Exterior Girder	18.8	0.95	1	1	3.047944
SU6_str	BOBJ1	277.48	After	Left Exterior Girder	18.8	0.95	1	1	3.118045
SU6_str	BOBJ1	277.48	After	Interior Girder 1	18.8	0.95	1	1	2.561204
SU6_str	BOBJ1	277.48	After	Interior Girder 2	18.8	0.95	1	1	2.39278
SU6_str	BOBJ1	277.48	After	Interior Girder 3	18.8	0.95	1	1	2.352566
SU6_str	BOBJ1	277.48	After	Interior Girder 4	18.8	0.95	1	1	2.352566
SU6_str	BOBJ1	277.48	After	Interior Girder 5	18.8	0.95	1	1	2.39278
SU6_str	BOBJ1	277.48	After	Interior Girder 6	18.8	0.95	1	1	2.561204
SU6_str	BOBJ1	277.48	After	Right Exterior Girder	18.8	0.95	1	1	3.118045
SU6_str	BOBJ1	286.88	Before	Left Exterior Girder	28.2	0.95	1	1	2.126147
SU6_str	BOBJ1	286.88	Before	Interior Girder 1	28.2	0.95	1	1	1.63786
SU6_str	BOBJ1	286.88	Before	Interior Girder 2	28.2	0.95	1	1	1.579138
SU6_str	BOBJ1	286.88	Before	Interior Girder 3	28.2	0.95	1	1	1.529211
SU6_str	BOBJ1	286.88	Before	Interior Girder 4	28.2	0.95	1	1	1.529211
SU6_str	BOBJ1	286.88	Before	Interior Girder 5	28.2	0.95	1	1	1.579138
SU6_str	BOBJ1	286.88	Before	Interior Girder 6	28.2	0.95	1	1	1.63786
SU6_str	BOBJ1	286.88	Before	Right Exterior Girder	28.2	0.95	1	1	2.126147
SU6_str	BOBJ1	286.88	After	Left Exterior Girder	28.2	0.95	1	1	2.13595
SU6_str	BOBJ1	286.88	After	Interior Girder 1	28.2	0.95	1	1	1.629583
SU6_str	BOBJ1	286.88	After	Interior Girder 2	28.2	0.95	1	1	1.578589
SU6_str	BOBJ1	286.88	After	Interior Girder 3	28.2	0.95	1	1	1.533328
SU6_str	BOBJ1	286.88	After	Interior Girder 4	28.2	0.95	1	1	1.533328
SU6_str	BOBJ1	286.88	After	Interior Girder 5	28.2	0.95	1	1	1.578589
SU6_str	BOBJ1	286.88	After	Interior Girder 6	28.2	0.95	1	1	1.629583
SU6_str	BOBJ1	286.88	After	Right Exterior Girder	28.2	0.95	1	1	2.13595
SU6_str	BOBJ1	296.28	Before	Left Exterior Girder	37.6	0.95	1	1	1.966566
SU6_str	BOBJ1	296.28	Before	Interior Girder 1	37.6	0.95	1	1	1.722067
SU6_str	BOBJ1	296.28	Before	Interior Girder 2	37.6	0.95	1	1	1.649461
SU6_str	BOBJ1	296.28	Before	Interior Girder 3	37.6	0.95	1	1	1.632391

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelINonCompStrgth-Flx - Approach, Span 7-11									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
SU6_str	BOBJ1	296.28	Before	Interior Girder 4	37.6	0.95	1	1	1.632391
SU6_str	BOBJ1	296.28	Before	Interior Girder 5	37.6	0.95	1	1	1.649461
SU6_str	BOBJ1	296.28	Before	Interior Girder 6	37.6	0.95	1	1	1.722067
SU6_str	BOBJ1	296.28	Before	Right Exterior Girder	37.6	0.95	1	1	1.966566
SU6_str	BOBJ1	296.28	After	Left Exterior Girder	37.6	0.95	1	1	1.941287
SU6_str	BOBJ1	296.28	After	Interior Girder 1	37.6	0.95	1	1	1.740944
SU6_str	BOBJ1	296.28	After	Interior Girder 2	37.6	0.95	1	1	1.646784
SU6_str	BOBJ1	296.28	After	Interior Girder 3	37.6	0.95	1	1	1.621717
SU6_str	BOBJ1	296.28	After	Interior Girder 4	37.6	0.95	1	1	1.621717
SU6_str	BOBJ1	296.28	After	Interior Girder 5	37.6	0.95	1	1	1.646784
SU6_str	BOBJ1	296.28	After	Interior Girder 6	37.6	0.95	1	1	1.740944
SU6_str	BOBJ1	296.28	After	Right Exterior Girder	37.6	0.95	1	1	1.941287
SU6_str	BOBJ1	305.69	Before	Left Exterior Girder	47.01	0.95	1	1	3.596772
SU6_str	BOBJ1	305.69	Before	Interior Girder 1	47.01	0.95	1	1	2.437022
SU6_str	BOBJ1	305.69	Before	Interior Girder 2	47.01	0.95	1	1	2.325787
SU6_str	BOBJ1	305.69	Before	Interior Girder 3	47.01	0.95	1	1	2.191091
SU6_str	BOBJ1	305.69	Before	Interior Girder 4	47.01	0.95	1	1	2.191091
SU6_str	BOBJ1	305.69	Before	Interior Girder 5	47.01	0.95	1	1	2.325787
SU6_str	BOBJ1	305.69	Before	Interior Girder 6	47.01	0.95	1	1	2.437022
SU6_str	BOBJ1	305.69	Before	Right Exterior Girder	47.01	0.95	1	1	3.596772
SU6_str	BOBJ1	305.69	After	Left Exterior Girder	47.01	0.95	1	1	3.58897
SU6_str	BOBJ1	305.69	After	Interior Girder 1	47.01	0.95	1	1	2.445936
SU6_str	BOBJ1	305.69	After	Interior Girder 2	47.01	0.95	1	1	2.282994
SU6_str	BOBJ1	305.69	After	Interior Girder 3	47.01	0.95	1	1	2.114089
SU6_str	BOBJ1	305.69	After	Interior Girder 4	47.01	0.95	1	1	2.114089
SU6_str	BOBJ1	305.69	After	Interior Girder 5	47.01	0.95	1	1	2.282994
SU6_str	BOBJ1	305.69	After	Interior Girder 6	47.01	0.95	1	1	2.445936
SU6_str	BOBJ1	305.69	After	Right Exterior Girder	47.01	0.95	1	1	3.58897
SU6_str	BOBJ1	315.1	Before	Left Exterior Girder	56.42	0.95	1	1	281.034648
SU6_str	BOBJ1	315.1	Before	Interior Girder 1	56.42	0.95	1	1	239.348474
SU6_str	BOBJ1	315.1	Before	Interior Girder 2	56.42	0.95	1	1	180.500845
SU6_str	BOBJ1	315.1	Before	Interior Girder 3	56.42	0.95	1	1	131.710131
SU6_str	BOBJ1	315.1	Before	Interior Girder 4	56.42	0.95	1	1	131.710131
SU6_str	BOBJ1	315.1	Before	Interior Girder 5	56.42	0.95	1	1	180.500845
SU6_str	BOBJ1	315.1	Before	Interior Girder 6	56.42	0.95	1	1	239.348474
SU6_str	BOBJ1	315.1	Before	Right Exterior Girder	56.42	0.95	1	1	281.034649
SU7_str	BOBJ1	0	After	Left Exterior Girder	0	0.95	1	1	249.818309
SU7_str	BOBJ1	0	After	Interior Girder 1	0	0.95	1	1	213.099937
SU7_str	BOBJ1	0	After	Interior Girder 2	0	0.95	1	1	179.724642
SU7_str	BOBJ1	0	After	Interior Girder 3	0	0.95	1	1	122.869928
SU7_str	BOBJ1	0	After	Interior Girder 4	0	0.95	1	1	122.869927
SU7_str	BOBJ1	0	After	Interior Girder 5	0	0.95	1	1	179.724641
SU7_str	BOBJ1	0	After	Interior Girder 6	0	0.95	1	1	213.09994
SU7_str	BOBJ1	0	After	Right Exterior Girder	0	0.95	1	1	249.818309
SU7_str	BOBJ1	9.4	Before	Left Exterior Girder	9.4	0.95	1	1	3.361314
SU7_str	BOBJ1	9.4	Before	Interior Girder 1	9.4	0.95	1	1	2.361962
SU7_str	BOBJ1	9.4	Before	Interior Girder 2	9.4	0.95	1	1	2.197789
SU7_str	BOBJ1	9.4	Before	Interior Girder 3	9.4	0.95	1	1	2.048186
SU7_str	BOBJ1	9.4	Before	Interior Girder 4	9.4	0.95	1	1	2.048186
SU7_str	BOBJ1	9.4	Before	Interior Girder 5	9.4	0.95	1	1	2.197789
SU7_str	BOBJ1	9.4	Before	Interior Girder 6	9.4	0.95	1	1	2.361962
SU7_str	BOBJ1	9.4	Before	Right Exterior Girder	9.4	0.95	1	1	3.361314
SU7_str	BOBJ1	9.4	After	Left Exterior Girder	9.4	0.95	1	1	3.38162
SU7_str	BOBJ1	9.4	After	Interior Girder 1	9.4	0.95	1	1	2.352731
SU7_str	BOBJ1	9.4	After	Interior Girder 2	9.4	0.95	1	1	2.237846
SU7_str	BOBJ1	9.4	After	Interior Girder 3	9.4	0.95	1	1	2.108984
SU7_str	BOBJ1	9.4	After	Interior Girder 4	9.4	0.95	1	1	2.108984
SU7_str	BOBJ1	9.4	After	Interior Girder 5	9.4	0.95	1	1	2.237846
SU7_str	BOBJ1	9.4	After	Interior Girder 6	9.4	0.95	1	1	2.352731
SU7_str	BOBJ1	9.4	After	Right Exterior Girder	9.4	0.95	1	1	3.38162
SU7_str	BOBJ1	18.8	Before	Left Exterior Girder	18.8	0.95	1	1	1.781867
SU7_str	BOBJ1	18.8	Before	Interior Girder 1	18.8	0.95	1	1	1.610005
SU7_str	BOBJ1	18.8	Before	Interior Girder 2	18.8	0.95	1	1	1.528872
SU7_str	BOBJ1	18.8	Before	Interior Girder 3	18.8	0.95	1	1	1.511954
SU7_str	BOBJ1	18.8	Before	Interior Girder 4	18.8	0.95	1	1	1.511954

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelINonCompStrgth-Flx - Approach, Span 7-11									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
SU7_str	BOBJ1	18.8	Before	Interior Girder 5	18.8	0.95	1	1	1.528872
SU7_str	BOBJ1	18.8	Before	Interior Girder 6	18.8	0.95	1	1	1.610005
SU7_str	BOBJ1	18.8	Before	Right Exterior Girder	18.8	0.95	1	1	1.781867
SU7_str	BOBJ1	18.8	After	Left Exterior Girder	18.8	0.95	1	1	1.804458
SU7_str	BOBJ1	18.8	After	Interior Girder 1	18.8	0.95	1	1	1.594302
SU7_str	BOBJ1	18.8	After	Interior Girder 2	18.8	0.95	1	1	1.531565
SU7_str	BOBJ1	18.8	After	Interior Girder 3	18.8	0.95	1	1	1.523582
SU7_str	BOBJ1	18.8	After	Interior Girder 4	18.8	0.95	1	1	1.523582
SU7_str	BOBJ1	18.8	After	Interior Girder 5	18.8	0.95	1	1	1.531565
SU7_str	BOBJ1	18.8	After	Interior Girder 6	18.8	0.95	1	1	1.594302
SU7_str	BOBJ1	18.8	After	Right Exterior Girder	18.8	0.95	1	1	1.804458
SU7_str	BOBJ1	28.2	Before	Left Exterior Girder	28.2	0.95	1	1	1.972252
SU7_str	BOBJ1	28.2	Before	Interior Girder 1	28.2	0.95	1	1	1.51681
SU7_str	BOBJ1	28.2	Before	Interior Girder 2	28.2	0.95	1	1	1.470852
SU7_str	BOBJ1	28.2	Before	Interior Girder 3	28.2	0.95	1	1	1.433657
SU7_str	BOBJ1	28.2	Before	Interior Girder 4	28.2	0.95	1	1	1.433657
SU7_str	BOBJ1	28.2	Before	Interior Girder 5	28.2	0.95	1	1	1.470852
SU7_str	BOBJ1	28.2	Before	Interior Girder 6	28.2	0.95	1	1	1.51681
SU7_str	BOBJ1	28.2	Before	Right Exterior Girder	28.2	0.95	1	1	1.972252
SU7_str	BOBJ1	28.2	After	Left Exterior Girder	28.2	0.95	1	1	1.959264
SU7_str	BOBJ1	28.2	After	Interior Girder 1	28.2	0.95	1	1	1.526108
SU7_str	BOBJ1	28.2	After	Interior Girder 2	28.2	0.95	1	1	1.47201
SU7_str	BOBJ1	28.2	After	Interior Girder 3	28.2	0.95	1	1	1.429273
SU7_str	BOBJ1	28.2	After	Interior Girder 4	28.2	0.95	1	1	1.429273
SU7_str	BOBJ1	28.2	After	Interior Girder 5	28.2	0.95	1	1	1.47201
SU7_str	BOBJ1	28.2	After	Interior Girder 6	28.2	0.95	1	1	1.526108
SU7_str	BOBJ1	28.2	After	Right Exterior Girder	28.2	0.95	1	1	1.959264
SU7_str	BOBJ1	37.6	Before	Left Exterior Girder	37.6	0.95	1	1	2.869272
SU7_str	BOBJ1	37.6	Before	Interior Girder 1	37.6	0.95	1	1	2.382865
SU7_str	BOBJ1	37.6	Before	Interior Girder 2	37.6	0.95	1	1	2.234283
SU7_str	BOBJ1	37.6	Before	Interior Girder 3	37.6	0.95	1	1	2.203728
SU7_str	BOBJ1	37.6	Before	Interior Girder 4	37.6	0.95	1	1	2.203728
SU7_str	BOBJ1	37.6	Before	Interior Girder 5	37.6	0.95	1	1	2.234283
SU7_str	BOBJ1	37.6	Before	Interior Girder 6	37.6	0.95	1	1	2.382865
SU7_str	BOBJ1	37.6	Before	Right Exterior Girder	37.6	0.95	1	1	2.869272
SU7_str	BOBJ1	37.6	After	Left Exterior Girder	37.6	0.95	1	1	2.805952
SU7_str	BOBJ1	37.6	After	Interior Girder 1	37.6	0.95	1	1	2.425159
SU7_str	BOBJ1	37.6	After	Interior Girder 2	37.6	0.95	1	1	2.23163
SU7_str	BOBJ1	37.6	After	Interior Girder 3	37.6	0.95	1	1	2.176343
SU7_str	BOBJ1	37.6	After	Interior Girder 4	37.6	0.95	1	1	2.176343
SU7_str	BOBJ1	37.6	After	Interior Girder 5	37.6	0.95	1	1	2.23163
SU7_str	BOBJ1	37.6	After	Interior Girder 6	37.6	0.95	1	1	2.425159
SU7_str	BOBJ1	37.6	After	Right Exterior Girder	37.6	0.95	1	1	2.805952
SU7_str	BOBJ1	47.01	Before	Left Exterior Girder	47.01	0.95	1	1	2.856047
SU7_str	BOBJ1	47.01	Before	Interior Girder 1	47.01	0.95	1	1	3.004236
SU7_str	BOBJ1	47.01	Before	Interior Girder 2	47.01	0.95	1	1	2.986223
SU7_str	BOBJ1	47.01	Before	Interior Girder 3	47.01	0.95	1	1	2.919077
SU7_str	BOBJ1	47.01	Before	Interior Girder 4	47.01	0.95	1	1	2.919077
SU7_str	BOBJ1	47.01	Before	Interior Girder 5	47.01	0.95	1	1	2.986223
SU7_str	BOBJ1	47.01	Before	Interior Girder 6	47.01	0.95	1	1	3.004236
SU7_str	BOBJ1	47.01	Before	Right Exterior Girder	47.01	0.95	1	1	2.856047
SU7_str	BOBJ1	47.01	After	Left Exterior Girder	47.01	0.95	1	1	2.928464
SU7_str	BOBJ1	47.01	After	Interior Girder 1	47.01	0.95	1	1	2.946414
SU7_str	BOBJ1	47.01	After	Interior Girder 2	47.01	0.95	1	1	2.947769
SU7_str	BOBJ1	47.01	After	Interior Girder 3	47.01	0.95	1	1	2.909249
SU7_str	BOBJ1	47.01	After	Interior Girder 4	47.01	0.95	1	1	2.909249
SU7_str	BOBJ1	47.01	After	Interior Girder 5	47.01	0.95	1	1	2.947769
SU7_str	BOBJ1	47.01	After	Interior Girder 6	47.01	0.95	1	1	2.946414
SU7_str	BOBJ1	47.01	After	Right Exterior Girder	47.01	0.95	1	1	2.928464
SU7_str	BOBJ1	49.42	Before	Left Exterior Girder	49.42	0.95	1	1	2.368614
SU7_str	BOBJ1	49.42	Before	Right Exterior Girder	49.42	0.95	1	1	2.368614
SU7_str	BOBJ1	49.42	After	Left Exterior Girder	49.42	0.95	1	1	4.30123
SU7_str	BOBJ1	49.42	After	Right Exterior Girder	49.42	0.95	1	1	4.30123
SU7_str	BOBJ1	51.92	Before	Interior Girder 1	51.92	0.95	1	1	2.153743
SU7_str	BOBJ1	51.92	Before	Interior Girder 2	51.92	0.95	1	1	2.167301

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelINonCompStrgth-Flx - Approach, Span 7-11									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
SU7_str	BOBJ1	51.92	Before	Interior Girder 3	51.92	0.95	1	1	2.011484
SU7_str	BOBJ1	51.92	Before	Interior Girder 4	51.92	0.95	1	1	2.011484
SU7_str	BOBJ1	51.92	Before	Interior Girder 5	51.92	0.95	1	1	2.167301
SU7_str	BOBJ1	51.92	Before	Interior Girder 6	51.92	0.95	1	1	2.153743
SU7_str	BOBJ1	51.92	After	Interior Girder 1	51.92	0.95	1	1	2.706612
SU7_str	BOBJ1	51.92	After	Interior Girder 2	51.92	0.95	1	1	2.65174
SU7_str	BOBJ1	51.92	After	Interior Girder 3	51.92	0.95	1	1	2.492926
SU7_str	BOBJ1	51.92	After	Interior Girder 4	51.92	0.95	1	1	2.492926
SU7_str	BOBJ1	51.92	After	Interior Girder 5	51.92	0.95	1	1	2.65174
SU7_str	BOBJ1	51.92	After	Interior Girder 6	51.92	0.95	1	1	2.706612
SU7_str	BOBJ1	56.42	Before	Left Exterior Girder	56.42	0.95	1	1	2.692068
SU7_str	BOBJ1	56.42	Before	Interior Girder 1	56.42	0.95	1	1	1.961165
SU7_str	BOBJ1	56.42	Before	Interior Girder 2	56.42	0.95	1	1	1.861507
SU7_str	BOBJ1	56.42	Before	Interior Girder 3	56.42	0.95	1	1	1.50769
SU7_str	BOBJ1	56.42	Before	Interior Girder 4	56.42	0.95	1	1	1.50769
SU7_str	BOBJ1	56.42	Before	Interior Girder 5	56.42	0.95	1	1	1.861507
SU7_str	BOBJ1	56.42	Before	Interior Girder 6	56.42	0.95	1	1	1.961165
SU7_str	BOBJ1	56.42	Before	Right Exterior Girder	56.42	0.95	1	1	2.692068
SU7_str	BOBJ1	56.42	After	Left Exterior Girder	0	0.95	1	1	2.772883
SU7_str	BOBJ1	56.42	After	Interior Girder 1	0	0.95	1	1	1.914476
SU7_str	BOBJ1	56.42	After	Interior Girder 2	0	0.95	1	1	1.867052
SU7_str	BOBJ1	56.42	After	Interior Girder 3	0	0.95	1	1	1.537184
SU7_str	BOBJ1	56.42	After	Interior Girder 4	0	0.95	1	1	1.537184
SU7_str	BOBJ1	56.42	After	Interior Girder 5	0	0.95	1	1	1.867052
SU7_str	BOBJ1	56.42	After	Interior Girder 6	0	0.95	1	1	1.914476
SU7_str	BOBJ1	56.42	After	Right Exterior Girder	0	0.95	1	1	2.772883
SU7_str	BOBJ1	60.92	Before	Interior Girder 1	4.5	0.95	1	1	3.256483
SU7_str	BOBJ1	60.92	Before	Interior Girder 2	4.5	0.95	1	1	3.09409
SU7_str	BOBJ1	60.92	Before	Interior Girder 3	4.5	0.95	1	1	2.808569
SU7_str	BOBJ1	60.92	Before	Interior Girder 4	4.5	0.95	1	1	2.808569
SU7_str	BOBJ1	60.92	Before	Interior Girder 5	4.5	0.95	1	1	3.09409
SU7_str	BOBJ1	60.92	Before	Interior Girder 6	4.5	0.95	1	1	3.256483
SU7_str	BOBJ1	60.92	After	Interior Girder 1	4.5	0.95	1	1	2.603608
SU7_str	BOBJ1	60.92	After	Interior Girder 2	4.5	0.95	1	1	2.537663
SU7_str	BOBJ1	60.92	After	Interior Girder 3	4.5	0.95	1	1	2.275924
SU7_str	BOBJ1	60.92	After	Interior Girder 4	4.5	0.95	1	1	2.275924
SU7_str	BOBJ1	60.92	After	Interior Girder 5	4.5	0.95	1	1	2.537663
SU7_str	BOBJ1	60.92	After	Interior Girder 6	4.5	0.95	1	1	2.603608
SU7_str	BOBJ1	63.42	Before	Left Exterior Girder	7	0.95	1	1	5.475831
SU7_str	BOBJ1	63.42	Before	Right Exterior Girder	7	0.95	1	1	5.475831
SU7_str	BOBJ1	63.42	After	Left Exterior Girder	7	0.95	1	1	3.006656
SU7_str	BOBJ1	63.42	After	Right Exterior Girder	7	0.95	1	1	3.006656
SU7_str	BOBJ1	64.845	Before	Left Exterior Girder	8.425	0.95	1	1	3.388956
SU7_str	BOBJ1	64.845	Before	Interior Girder 1	8.425	0.95	1	1	3.35497
SU7_str	BOBJ1	64.845	Before	Interior Girder 2	8.425	0.95	1	1	3.235212
SU7_str	BOBJ1	64.845	Before	Interior Girder 3	8.425	0.95	1	1	3.123915
SU7_str	BOBJ1	64.845	Before	Interior Girder 4	8.425	0.95	1	1	3.123915
SU7_str	BOBJ1	64.845	Before	Interior Girder 5	8.425	0.95	1	1	3.235212
SU7_str	BOBJ1	64.845	Before	Interior Girder 6	8.425	0.95	1	1	3.35497
SU7_str	BOBJ1	64.845	Before	Right Exterior Girder	8.425	0.95	1	1	3.388956
SU7_str	BOBJ1	64.845	After	Left Exterior Girder	8.425	0.95	1	1	3.348918
SU7_str	BOBJ1	64.845	After	Interior Girder 1	8.425	0.95	1	1	3.397664
SU7_str	BOBJ1	64.845	After	Interior Girder 2	8.425	0.95	1	1	3.273411
SU7_str	BOBJ1	64.845	After	Interior Girder 3	8.425	0.95	1	1	3.143442
SU7_str	BOBJ1	64.845	After	Interior Girder 4	8.425	0.95	1	1	3.143442
SU7_str	BOBJ1	64.845	After	Interior Girder 5	8.425	0.95	1	1	3.273411
SU7_str	BOBJ1	64.845	After	Interior Girder 6	8.425	0.95	1	1	3.397664
SU7_str	BOBJ1	64.845	After	Right Exterior Girder	8.425	0.95	1	1	3.348918
SU7_str	BOBJ1	69.92	Before	Left Exterior Girder	13.5	0.95	1	1	4.723064
SU7_str	BOBJ1	69.92	Before	Interior Girder 1	13.5	0.95	1	1	4.05085
SU7_str	BOBJ1	69.92	Before	Interior Girder 2	13.5	0.95	1	1	3.646216
SU7_str	BOBJ1	69.92	Before	Interior Girder 3	13.5	0.95	1	1	3.581281
SU7_str	BOBJ1	69.92	Before	Interior Girder 4	13.5	0.95	1	1	3.581281
SU7_str	BOBJ1	69.92	Before	Interior Girder 5	13.5	0.95	1	1	3.646216
SU7_str	BOBJ1	69.92	Before	Interior Girder 6	13.5	0.95	1	1	4.05085

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelINonCompStrgth-Flx - Approach, Span 7-11									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
SU7_str	BOBJ1	69.92	Before	Right Exterior Girder	13.5	0.95	1	1	4.723064
SU7_str	BOBJ1	69.92	After	Left Exterior Girder	13.5	0.95	1	1	4.039969
SU7_str	BOBJ1	69.92	After	Interior Girder 1	13.5	0.95	1	1	3.78911
SU7_str	BOBJ1	69.92	After	Interior Girder 2	13.5	0.95	1	1	3.435652
SU7_str	BOBJ1	69.92	After	Interior Girder 3	13.5	0.95	1	1	3.415367
SU7_str	BOBJ1	69.92	After	Interior Girder 4	13.5	0.95	1	1	3.415367
SU7_str	BOBJ1	69.92	After	Interior Girder 5	13.5	0.95	1	1	3.435652
SU7_str	BOBJ1	69.92	After	Interior Girder 6	13.5	0.95	1	1	3.78911
SU7_str	BOBJ1	69.92	After	Right Exterior Girder	13.5	0.95	1	1	4.039969
SU7_str	BOBJ1	73.27	Before	Left Exterior Girder	16.85	0.95	1	1	3.434323
SU7_str	BOBJ1	73.27	Before	Interior Girder 1	16.85	0.95	1	1	2.902316
SU7_str	BOBJ1	73.27	Before	Interior Girder 2	16.85	0.95	1	1	2.653807
SU7_str	BOBJ1	73.27	Before	Interior Girder 3	16.85	0.95	1	1	2.603611
SU7_str	BOBJ1	73.27	Before	Interior Girder 4	16.85	0.95	1	1	2.603611
SU7_str	BOBJ1	73.27	Before	Interior Girder 5	16.85	0.95	1	1	2.653807
SU7_str	BOBJ1	73.27	Before	Interior Girder 6	16.85	0.95	1	1	2.902316
SU7_str	BOBJ1	73.27	Before	Right Exterior Girder	16.85	0.95	1	1	3.434323
SU7_str	BOBJ1	73.27	After	Left Exterior Girder	16.85	0.95	1	1	3.512482
SU7_str	BOBJ1	73.27	After	Interior Girder 1	16.85	0.95	1	1	2.850973
SU7_str	BOBJ1	73.27	After	Interior Girder 2	16.85	0.95	1	1	2.638176
SU7_str	BOBJ1	73.27	After	Interior Girder 3	16.85	0.95	1	1	2.614799
SU7_str	BOBJ1	73.27	After	Interior Girder 4	16.85	0.95	1	1	2.614799
SU7_str	BOBJ1	73.27	After	Interior Girder 5	16.85	0.95	1	1	2.638176
SU7_str	BOBJ1	73.27	After	Interior Girder 6	16.85	0.95	1	1	2.850973
SU7_str	BOBJ1	73.27	After	Right Exterior Girder	16.85	0.95	1	1	3.512482
SU7_str	BOBJ1	81.695	Before	Left Exterior Girder	25.275	0.95	1	1	2.070322
SU7_str	BOBJ1	81.695	Before	Interior Girder 1	25.275	0.95	1	1	1.701221
SU7_str	BOBJ1	81.695	Before	Interior Girder 2	25.275	0.95	1	1	1.639727
SU7_str	BOBJ1	81.695	Before	Interior Girder 3	25.275	0.95	1	1	1.59646
SU7_str	BOBJ1	81.695	Before	Interior Girder 4	25.275	0.95	1	1	1.59646
SU7_str	BOBJ1	81.695	Before	Interior Girder 5	25.275	0.95	1	1	1.639727
SU7_str	BOBJ1	81.695	Before	Interior Girder 6	25.275	0.95	1	1	1.701221
SU7_str	BOBJ1	81.695	Before	Right Exterior Girder	25.275	0.95	1	1	2.070322
SU7_str	BOBJ1	81.695	After	Left Exterior Girder	25.275	0.95	1	1	2.102037
SU7_str	BOBJ1	81.695	After	Interior Girder 1	25.275	0.95	1	1	1.684655
SU7_str	BOBJ1	81.695	After	Interior Girder 2	25.275	0.95	1	1	1.638567
SU7_str	BOBJ1	81.695	After	Interior Girder 3	25.275	0.95	1	1	1.612403
SU7_str	BOBJ1	81.695	After	Interior Girder 4	25.275	0.95	1	1	1.612403
SU7_str	BOBJ1	81.695	After	Interior Girder 5	25.275	0.95	1	1	1.638567
SU7_str	BOBJ1	81.695	After	Interior Girder 6	25.275	0.95	1	1	1.684655
SU7_str	BOBJ1	81.695	After	Right Exterior Girder	25.275	0.95	1	1	2.102037
SU7_str	BOBJ1	90.12	Before	Left Exterior Girder	33.7	0.95	1	1	1.631945
SU7_str	BOBJ1	90.12	Before	Interior Girder 1	33.7	0.95	1	1	1.554795
SU7_str	BOBJ1	90.12	Before	Interior Girder 2	33.7	0.95	1	1	1.51755
SU7_str	BOBJ1	90.12	Before	Interior Girder 3	33.7	0.95	1	1	1.531541
SU7_str	BOBJ1	90.12	Before	Interior Girder 4	33.7	0.95	1	1	1.531541
SU7_str	BOBJ1	90.12	Before	Interior Girder 5	33.7	0.95	1	1	1.51755
SU7_str	BOBJ1	90.12	Before	Interior Girder 6	33.7	0.95	1	1	1.554795
SU7_str	BOBJ1	90.12	Before	Right Exterior Girder	33.7	0.95	1	1	1.631945
SU7_str	BOBJ1	90.12	After	Left Exterior Girder	33.7	0.95	1	1	1.634175
SU7_str	BOBJ1	90.12	After	Interior Girder 1	33.7	0.95	1	1	1.553952
SU7_str	BOBJ1	90.12	After	Interior Girder 2	33.7	0.95	1	1	1.515836
SU7_str	BOBJ1	90.12	After	Interior Girder 3	33.7	0.95	1	1	1.53082
SU7_str	BOBJ1	90.12	After	Interior Girder 4	33.7	0.95	1	1	1.53082
SU7_str	BOBJ1	90.12	After	Interior Girder 5	33.7	0.95	1	1	1.515836
SU7_str	BOBJ1	90.12	After	Interior Girder 6	33.7	0.95	1	1	1.553952
SU7_str	BOBJ1	90.12	After	Right Exterior Girder	33.7	0.95	1	1	1.634175
SU7_str	BOBJ1	98.545	Before	Left Exterior Girder	42.125	0.95	1	1	2.043783
SU7_str	BOBJ1	98.545	Before	Interior Girder 1	42.125	0.95	1	1	1.662328
SU7_str	BOBJ1	98.545	Before	Interior Girder 2	42.125	0.95	1	1	1.62168
SU7_str	BOBJ1	98.545	Before	Interior Girder 3	42.125	0.95	1	1	1.596847
SU7_str	BOBJ1	98.545	Before	Interior Girder 4	42.125	0.95	1	1	1.596847
SU7_str	BOBJ1	98.545	Before	Interior Girder 5	42.125	0.95	1	1	1.62168
SU7_str	BOBJ1	98.545	Before	Interior Girder 6	42.125	0.95	1	1	1.662328
SU7_str	BOBJ1	98.545	Before	Right Exterior Girder	42.125	0.95	1	1	2.043783

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelINonCompStrgth-Flx - Approach, Span 7-11									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
SU7_str	BOBJ1	98.545	After	Left Exterior Girder	42.125	0.95	1	1	2.018599
SU7_str	BOBJ1	98.545	After	Interior Girder 1	42.125	0.95	1	1	1.677043
SU7_str	BOBJ1	98.545	After	Interior Girder 2	42.125	0.95	1	1	1.62375
SU7_str	BOBJ1	98.545	After	Interior Girder 3	42.125	0.95	1	1	1.585138
SU7_str	BOBJ1	98.545	After	Interior Girder 4	42.125	0.95	1	1	1.585138
SU7_str	BOBJ1	98.545	After	Interior Girder 5	42.125	0.95	1	1	1.62375
SU7_str	BOBJ1	98.545	After	Interior Girder 6	42.125	0.95	1	1	1.677043
SU7_str	BOBJ1	98.545	After	Right Exterior Girder	42.125	0.95	1	1	2.018599
SU7_str	BOBJ1	106.97	Before	Left Exterior Girder	50.55	0.95	1	1	3.301945
SU7_str	BOBJ1	106.97	Before	Interior Girder 1	50.55	0.95	1	1	2.754129
SU7_str	BOBJ1	106.97	Before	Interior Girder 2	50.55	0.95	1	1	2.5791
SU7_str	BOBJ1	106.97	Before	Interior Girder 3	50.55	0.95	1	1	2.559778
SU7_str	BOBJ1	106.97	Before	Interior Girder 4	50.55	0.95	1	1	2.559778
SU7_str	BOBJ1	106.97	Before	Interior Girder 5	50.55	0.95	1	1	2.5791
SU7_str	BOBJ1	106.97	Before	Interior Girder 6	50.55	0.95	1	1	2.754129
SU7_str	BOBJ1	106.97	Before	Right Exterior Girder	50.55	0.95	1	1	3.301945
SU7_str	BOBJ1	106.97	After	Left Exterior Girder	50.55	0.95	1	1	3.222204
SU7_str	BOBJ1	106.97	After	Interior Girder 1	50.55	0.95	1	1	2.802672
SU7_str	BOBJ1	106.97	After	Interior Girder 2	50.55	0.95	1	1	2.578557
SU7_str	BOBJ1	106.97	After	Interior Girder 3	50.55	0.95	1	1	2.519806
SU7_str	BOBJ1	106.97	After	Interior Girder 4	50.55	0.95	1	1	2.519806
SU7_str	BOBJ1	106.97	After	Interior Girder 5	50.55	0.95	1	1	2.578557
SU7_str	BOBJ1	106.97	After	Interior Girder 6	50.55	0.95	1	1	2.802672
SU7_str	BOBJ1	106.97	After	Right Exterior Girder	50.55	0.95	1	1	3.222204
SU7_str	BOBJ1	115.405	Before	Left Exterior Girder	58.985	0.95	1	1	2.48339
SU7_str	BOBJ1	115.405	Before	Interior Girder 1	58.985	0.95	1	1	2.800781
SU7_str	BOBJ1	115.405	Before	Interior Girder 2	58.985	0.95	1	1	2.796771
SU7_str	BOBJ1	115.405	Before	Interior Girder 3	58.985	0.95	1	1	2.708969
SU7_str	BOBJ1	115.405	Before	Interior Girder 4	58.985	0.95	1	1	2.708969
SU7_str	BOBJ1	115.405	Before	Interior Girder 5	58.985	0.95	1	1	2.796771
SU7_str	BOBJ1	115.405	Before	Interior Girder 6	58.985	0.95	1	1	2.800781
SU7_str	BOBJ1	115.405	Before	Right Exterior Girder	58.985	0.95	1	1	2.48339
SU7_str	BOBJ1	115.405	After	Left Exterior Girder	58.985	0.95	1	1	2.555776
SU7_str	BOBJ1	115.405	After	Interior Girder 1	58.985	0.95	1	1	2.739961
SU7_str	BOBJ1	115.405	After	Interior Girder 2	58.985	0.95	1	1	2.766653
SU7_str	BOBJ1	115.405	After	Interior Girder 3	58.985	0.95	1	1	2.701307
SU7_str	BOBJ1	115.405	After	Interior Girder 4	58.985	0.95	1	1	2.701307
SU7_str	BOBJ1	115.405	After	Interior Girder 5	58.985	0.95	1	1	2.766653
SU7_str	BOBJ1	115.405	After	Interior Girder 6	58.985	0.95	1	1	2.739961
SU7_str	BOBJ1	115.405	After	Right Exterior Girder	58.985	0.95	1	1	2.555776
SU7_str	BOBJ1	116.34	Before	Left Exterior Girder	59.92	0.95	1	1	2.310722
SU7_str	BOBJ1	116.34	Before	Right Exterior Girder	59.92	0.95	1	1	2.310722
SU7_str	BOBJ1	116.34	After	Left Exterior Girder	59.92	0.95	1	1	4.842239
SU7_str	BOBJ1	116.34	After	Right Exterior Girder	59.92	0.95	1	1	4.842239
SU7_str	BOBJ1	118.84	Before	Interior Girder 1	62.42	0.95	1	1	2.203471
SU7_str	BOBJ1	118.84	Before	Interior Girder 2	62.42	0.95	1	1	2.224082
SU7_str	BOBJ1	118.84	Before	Interior Girder 3	62.42	0.95	1	1	2.063546
SU7_str	BOBJ1	118.84	Before	Interior Girder 4	62.42	0.95	1	1	2.063546
SU7_str	BOBJ1	118.84	Before	Interior Girder 5	62.42	0.95	1	1	2.224082
SU7_str	BOBJ1	118.84	Before	Interior Girder 6	62.42	0.95	1	1	2.203471
SU7_str	BOBJ1	118.84	After	Interior Girder 1	62.42	0.95	1	1	3.183263
SU7_str	BOBJ1	118.84	After	Interior Girder 2	62.42	0.95	1	1	3.112682
SU7_str	BOBJ1	118.84	After	Interior Girder 3	62.42	0.95	1	1	2.938746
SU7_str	BOBJ1	118.84	After	Interior Girder 4	62.42	0.95	1	1	2.938746
SU7_str	BOBJ1	118.84	After	Interior Girder 5	62.42	0.95	1	1	3.112682
SU7_str	BOBJ1	118.84	After	Interior Girder 6	62.42	0.95	1	1	3.183263
SU7_str	BOBJ1	123.84	Before	Left Exterior Girder	67.42	0.95	1	1	2.891512
SU7_str	BOBJ1	123.84	Before	Interior Girder 1	67.42	0.95	1	1	2.169339
SU7_str	BOBJ1	123.84	Before	Interior Girder 2	67.42	0.95	1	1	2.087536
SU7_str	BOBJ1	123.84	Before	Interior Girder 3	67.42	0.95	1	1	1.70111
SU7_str	BOBJ1	123.84	Before	Interior Girder 4	67.42	0.95	1	1	1.70111
SU7_str	BOBJ1	123.84	Before	Interior Girder 5	67.42	0.95	1	1	2.087536
SU7_str	BOBJ1	123.84	Before	Interior Girder 6	67.42	0.95	1	1	2.169339
SU7_str	BOBJ1	123.84	Before	Right Exterior Girder	67.42	0.95	1	1	2.891512
SU7_str	BOBJ1	123.84	After	Left Exterior Girder	0	0.95	1	1	2.863568

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelINonCompStrgth-Flx - Approach, Span 7-11									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
SU7_str	BOBJ1	123.84	After	Interior Girder 1	0	0.95	1	1	2.135333
SU7_str	BOBJ1	123.84	After	Interior Girder 2	0	0.95	1	1	2.075199
SU7_str	BOBJ1	123.84	After	Interior Girder 3	0	0.95	1	1	1.695177
SU7_str	BOBJ1	123.84	After	Interior Girder 4	0	0.95	1	1	1.695177
SU7_str	BOBJ1	123.84	After	Interior Girder 5	0	0.95	1	1	2.075199
SU7_str	BOBJ1	123.84	After	Interior Girder 6	0	0.95	1	1	2.135333
SU7_str	BOBJ1	123.84	After	Right Exterior Girder	0	0.95	1	1	2.863568
SU7_str	BOBJ1	128.84	Before	Interior Girder 1	5	0.95	1	1	3.258082
SU7_str	BOBJ1	128.84	Before	Interior Girder 2	5	0.95	1	1	3.171006
SU7_str	BOBJ1	128.84	Before	Interior Girder 3	5	0.95	1	1	2.977013
SU7_str	BOBJ1	128.84	Before	Interior Girder 4	5	0.95	1	1	2.977013
SU7_str	BOBJ1	128.84	Before	Interior Girder 5	5	0.95	1	1	3.171006
SU7_str	BOBJ1	128.84	Before	Interior Girder 6	5	0.95	1	1	3.258082
SU7_str	BOBJ1	128.84	After	Interior Girder 1	5	0.95	1	1	2.259583
SU7_str	BOBJ1	128.84	After	Interior Girder 2	5	0.95	1	1	2.268952
SU7_str	BOBJ1	128.84	After	Interior Girder 3	5	0.95	1	1	2.098162
SU7_str	BOBJ1	128.84	After	Interior Girder 4	5	0.95	1	1	2.098162
SU7_str	BOBJ1	128.84	After	Interior Girder 5	5	0.95	1	1	2.268952
SU7_str	BOBJ1	128.84	After	Interior Girder 6	5	0.95	1	1	2.259583
SU7_str	BOBJ1	131.34	Before	Left Exterior Girder	7.5	0.95	1	1	4.987237
SU7_str	BOBJ1	131.34	Before	Right Exterior Girder	7.5	0.95	1	1	4.987237
SU7_str	BOBJ1	131.34	After	Left Exterior Girder	7.5	0.95	1	1	2.382899
SU7_str	BOBJ1	131.34	After	Right Exterior Girder	7.5	0.95	1	1	2.382899
SU7_str	BOBJ1	132.265	Before	Left Exterior Girder	8.425	0.95	1	1	2.62129
SU7_str	BOBJ1	132.265	Before	Interior Girder 1	8.425	0.95	1	1	2.807674
SU7_str	BOBJ1	132.265	Before	Interior Girder 2	8.425	0.95	1	1	2.821373
SU7_str	BOBJ1	132.265	Before	Interior Girder 3	8.425	0.95	1	1	2.747738
SU7_str	BOBJ1	132.265	Before	Interior Girder 4	8.425	0.95	1	1	2.747738
SU7_str	BOBJ1	132.265	Before	Interior Girder 5	8.425	0.95	1	1	2.821373
SU7_str	BOBJ1	132.265	Before	Interior Girder 6	8.425	0.95	1	1	2.807674
SU7_str	BOBJ1	132.265	Before	Right Exterior Girder	8.425	0.95	1	1	2.62129
SU7_str	BOBJ1	132.265	After	Left Exterior Girder	8.425	0.95	1	1	2.547168
SU7_str	BOBJ1	132.265	After	Interior Girder 1	8.425	0.95	1	1	2.869174
SU7_str	BOBJ1	132.265	After	Interior Girder 2	8.425	0.95	1	1	2.852429
SU7_str	BOBJ1	132.265	After	Interior Girder 3	8.425	0.95	1	1	2.757105
SU7_str	BOBJ1	132.265	After	Interior Girder 4	8.425	0.95	1	1	2.757105
SU7_str	BOBJ1	132.265	After	Interior Girder 5	8.425	0.95	1	1	2.852429
SU7_str	BOBJ1	132.265	After	Interior Girder 6	8.425	0.95	1	1	2.869174
SU7_str	BOBJ1	132.265	After	Right Exterior Girder	8.425	0.95	1	1	2.547168
SU7_str	BOBJ1	140.69	Before	Left Exterior Girder	16.85	0.95	1	1	3.249316
SU7_str	BOBJ1	140.69	Before	Interior Girder 1	16.85	0.95	1	1	2.809378
SU7_str	BOBJ1	140.69	Before	Interior Girder 2	16.85	0.95	1	1	2.585267
SU7_str	BOBJ1	140.69	Before	Interior Girder 3	16.85	0.95	1	1	2.529589
SU7_str	BOBJ1	140.69	Before	Interior Girder 4	16.85	0.95	1	1	2.529589
SU7_str	BOBJ1	140.69	Before	Interior Girder 5	16.85	0.95	1	1	2.585267
SU7_str	BOBJ1	140.69	Before	Interior Girder 6	16.85	0.95	1	1	2.809378
SU7_str	BOBJ1	140.69	Before	Right Exterior Girder	16.85	0.95	1	1	3.249316
SU7_str	BOBJ1	140.69	After	Left Exterior Girder	16.85	0.95	1	1	3.332418
SU7_str	BOBJ1	140.69	After	Interior Girder 1	16.85	0.95	1	1	2.761097
SU7_str	BOBJ1	140.69	After	Interior Girder 2	16.85	0.95	1	1	2.585094
SU7_str	BOBJ1	140.69	After	Interior Girder 3	16.85	0.95	1	1	2.569007
SU7_str	BOBJ1	140.69	After	Interior Girder 4	16.85	0.95	1	1	2.569007
SU7_str	BOBJ1	140.69	After	Interior Girder 5	16.85	0.95	1	1	2.585094
SU7_str	BOBJ1	140.69	After	Interior Girder 6	16.85	0.95	1	1	2.761097
SU7_str	BOBJ1	140.69	After	Right Exterior Girder	16.85	0.95	1	1	3.332418
SU7_str	BOBJ1	149.115	Before	Left Exterior Girder	25.275	0.95	1	1	2.007055
SU7_str	BOBJ1	149.115	Before	Interior Girder 1	25.275	0.95	1	1	1.665492
SU7_str	BOBJ1	149.115	Before	Interior Girder 2	25.275	0.95	1	1	1.616997
SU7_str	BOBJ1	149.115	Before	Interior Girder 3	25.275	0.95	1	1	1.582888
SU7_str	BOBJ1	149.115	Before	Interior Girder 4	25.275	0.95	1	1	1.582888
SU7_str	BOBJ1	149.115	Before	Interior Girder 5	25.275	0.95	1	1	1.616997
SU7_str	BOBJ1	149.115	Before	Interior Girder 6	25.275	0.95	1	1	1.665492
SU7_str	BOBJ1	149.115	Before	Right Exterior Girder	25.275	0.95	1	1	2.007055
SU7_str	BOBJ1	149.115	After	Left Exterior Girder	25.275	0.95	1	1	2.033884
SU7_str	BOBJ1	149.115	After	Interior Girder 1	25.275	0.95	1	1	1.651195

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelINonCompStrgth-Flx - Approach, Span 7-11									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
SU7_str	BOBJ1	149.115	After	Interior Girder 2	25.275	0.95	1	1	1.614149
SU7_str	BOBJ1	149.115	After	Interior Girder 3	25.275	0.95	1	1	1.593898
SU7_str	BOBJ1	149.115	After	Interior Girder 4	25.275	0.95	1	1	1.593898
SU7_str	BOBJ1	149.115	After	Interior Girder 5	25.275	0.95	1	1	1.614149
SU7_str	BOBJ1	149.115	After	Interior Girder 6	25.275	0.95	1	1	1.651195
SU7_str	BOBJ1	149.115	After	Right Exterior Girder	25.275	0.95	1	1	2.033884
SU7_str	BOBJ1	157.54	Before	Left Exterior Girder	33.7	0.95	1	1	1.606131
SU7_str	BOBJ1	157.54	Before	Interior Girder 1	33.7	0.95	1	1	1.529151
SU7_str	BOBJ1	157.54	Before	Interior Girder 2	33.7	0.95	1	1	1.501167
SU7_str	BOBJ1	157.54	Before	Interior Girder 3	33.7	0.95	1	1	1.52269
SU7_str	BOBJ1	157.54	Before	Interior Girder 4	33.7	0.95	1	1	1.52269
SU7_str	BOBJ1	157.54	Before	Interior Girder 5	33.7	0.95	1	1	1.501167
SU7_str	BOBJ1	157.54	Before	Interior Girder 6	33.7	0.95	1	1	1.529151
SU7_str	BOBJ1	157.54	Before	Right Exterior Girder	33.7	0.95	1	1	1.606131
SU7_str	BOBJ1	157.54	After	Left Exterior Girder	33.7	0.95	1	1	1.606223
SU7_str	BOBJ1	157.54	After	Interior Girder 1	33.7	0.95	1	1	1.529117
SU7_str	BOBJ1	157.54	After	Interior Girder 2	33.7	0.95	1	1	1.501143
SU7_str	BOBJ1	157.54	After	Interior Girder 3	33.7	0.95	1	1	1.522716
SU7_str	BOBJ1	157.54	After	Interior Girder 4	33.7	0.95	1	1	1.522716
SU7_str	BOBJ1	157.54	After	Interior Girder 5	33.7	0.95	1	1	1.501143
SU7_str	BOBJ1	157.54	After	Interior Girder 6	33.7	0.95	1	1	1.529117
SU7_str	BOBJ1	157.54	After	Right Exterior Girder	33.7	0.95	1	1	1.606223
SU7_str	BOBJ1	165.965	Before	Left Exterior Girder	42.125	0.95	1	1	2.032216
SU7_str	BOBJ1	165.965	Before	Interior Girder 1	42.125	0.95	1	1	1.650508
SU7_str	BOBJ1	165.965	Before	Interior Girder 2	42.125	0.95	1	1	1.613469
SU7_str	BOBJ1	165.965	Before	Interior Girder 3	42.125	0.95	1	1	1.593085
SU7_str	BOBJ1	165.965	Before	Interior Girder 4	42.125	0.95	1	1	1.593085
SU7_str	BOBJ1	165.965	Before	Interior Girder 5	42.125	0.95	1	1	1.613469
SU7_str	BOBJ1	165.965	Before	Interior Girder 6	42.125	0.95	1	1	1.650508
SU7_str	BOBJ1	165.965	Before	Right Exterior Girder	42.125	0.95	1	1	2.032216
SU7_str	BOBJ1	165.965	After	Left Exterior Girder	42.125	0.95	1	1	2.005622
SU7_str	BOBJ1	165.965	After	Interior Girder 1	42.125	0.95	1	1	1.664727
SU7_str	BOBJ1	165.965	After	Interior Girder 2	42.125	0.95	1	1	1.616325
SU7_str	BOBJ1	165.965	After	Interior Girder 3	42.125	0.95	1	1	1.582204
SU7_str	BOBJ1	165.965	After	Interior Girder 4	42.125	0.95	1	1	1.582204
SU7_str	BOBJ1	165.965	After	Interior Girder 5	42.125	0.95	1	1	1.616325
SU7_str	BOBJ1	165.965	After	Interior Girder 6	42.125	0.95	1	1	1.664727
SU7_str	BOBJ1	165.965	After	Right Exterior Girder	42.125	0.95	1	1	2.005622
SU7_str	BOBJ1	174.39	Before	Left Exterior Girder	50.55	0.95	1	1	3.325492
SU7_str	BOBJ1	174.39	Before	Interior Girder 1	50.55	0.95	1	1	2.75779
SU7_str	BOBJ1	174.39	Before	Interior Girder 2	50.55	0.95	1	1	2.582311
SU7_str	BOBJ1	174.39	Before	Interior Girder 3	50.55	0.95	1	1	2.565656
SU7_str	BOBJ1	174.39	Before	Interior Girder 4	50.55	0.95	1	1	2.565656
SU7_str	BOBJ1	174.39	Before	Interior Girder 5	50.55	0.95	1	1	2.582311
SU7_str	BOBJ1	174.39	Before	Interior Girder 6	50.55	0.95	1	1	2.75779
SU7_str	BOBJ1	174.39	Before	Right Exterior Girder	50.55	0.95	1	1	3.325492
SU7_str	BOBJ1	174.39	After	Left Exterior Girder	50.55	0.95	1	1	3.242728
SU7_str	BOBJ1	174.39	After	Interior Girder 1	50.55	0.95	1	1	2.806082
SU7_str	BOBJ1	174.39	After	Interior Girder 2	50.55	0.95	1	1	2.582518
SU7_str	BOBJ1	174.39	After	Interior Girder 3	50.55	0.95	1	1	2.526373
SU7_str	BOBJ1	174.39	After	Interior Girder 4	50.55	0.95	1	1	2.526373
SU7_str	BOBJ1	174.39	After	Interior Girder 5	50.55	0.95	1	1	2.582518
SU7_str	BOBJ1	174.39	After	Interior Girder 6	50.55	0.95	1	1	2.806082
SU7_str	BOBJ1	174.39	After	Right Exterior Girder	50.55	0.95	1	1	3.242728
SU7_str	BOBJ1	182.825	Before	Left Exterior Girder	58.985	0.95	1	1	2.548857
SU7_str	BOBJ1	182.825	Before	Interior Girder 1	58.985	0.95	1	1	2.866546
SU7_str	BOBJ1	182.825	Before	Interior Girder 2	58.985	0.95	1	1	2.849498
SU7_str	BOBJ1	182.825	Before	Interior Girder 3	58.985	0.95	1	1	2.757875
SU7_str	BOBJ1	182.825	Before	Interior Girder 4	58.985	0.95	1	1	2.757875
SU7_str	BOBJ1	182.825	Before	Interior Girder 5	58.985	0.95	1	1	2.849498
SU7_str	BOBJ1	182.825	Before	Interior Girder 6	58.985	0.95	1	1	2.866546
SU7_str	BOBJ1	182.825	Before	Right Exterior Girder	58.985	0.95	1	1	2.548857
SU7_str	BOBJ1	182.825	After	Left Exterior Girder	58.985	0.95	1	1	2.623193
SU7_str	BOBJ1	182.825	After	Interior Girder 1	58.985	0.95	1	1	2.805068
SU7_str	BOBJ1	182.825	After	Interior Girder 2	58.985	0.95	1	1	2.81836

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelINonCompStrgth-Flx - Approach, Span 7-11									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
SU7_str	BOBJ1	182.825	After	Interior Girder 3	58.985	0.95	1	1	2.748781
SU7_str	BOBJ1	182.825	After	Interior Girder 4	58.985	0.95	1	1	2.748781
SU7_str	BOBJ1	182.825	After	Interior Girder 5	58.985	0.95	1	1	2.81836
SU7_str	BOBJ1	182.825	After	Interior Girder 6	58.985	0.95	1	1	2.805068
SU7_str	BOBJ1	182.825	After	Right Exterior Girder	58.985	0.95	1	1	2.623193
SU7_str	BOBJ1	183.76	Before	Left Exterior Girder	59.92	0.95	1	1	2.371967
SU7_str	BOBJ1	183.76	Before	Right Exterior Girder	59.92	0.95	1	1	2.371967
SU7_str	BOBJ1	183.76	After	Left Exterior Girder	59.92	0.95	1	1	4.970744
SU7_str	BOBJ1	183.76	After	Right Exterior Girder	59.92	0.95	1	1	4.970744
SU7_str	BOBJ1	186.26	Before	Interior Girder 1	62.42	0.95	1	1	2.254823
SU7_str	BOBJ1	186.26	Before	Interior Girder 2	62.42	0.95	1	1	2.264279
SU7_str	BOBJ1	186.26	Before	Interior Girder 3	62.42	0.95	1	1	2.097535
SU7_str	BOBJ1	186.26	Before	Interior Girder 4	62.42	0.95	1	1	2.097535
SU7_str	BOBJ1	186.26	Before	Interior Girder 5	62.42	0.95	1	1	2.264279
SU7_str	BOBJ1	186.26	Before	Interior Girder 6	62.42	0.95	1	1	2.254823
SU7_str	BOBJ1	186.26	After	Interior Girder 1	62.42	0.95	1	1	3.252474
SU7_str	BOBJ1	186.26	After	Interior Girder 2	62.42	0.95	1	1	3.165499
SU7_str	BOBJ1	186.26	After	Interior Girder 3	62.42	0.95	1	1	2.976944
SU7_str	BOBJ1	186.26	After	Interior Girder 4	62.42	0.95	1	1	2.976944
SU7_str	BOBJ1	186.26	After	Interior Girder 5	62.42	0.95	1	1	3.165499
SU7_str	BOBJ1	186.26	After	Interior Girder 6	62.42	0.95	1	1	3.252474
SU7_str	BOBJ1	191.26	Before	Left Exterior Girder	67.42	0.95	1	1	2.863527
SU7_str	BOBJ1	191.26	Before	Interior Girder 1	67.42	0.95	1	1	2.129999
SU7_str	BOBJ1	191.26	Before	Interior Girder 2	67.42	0.95	1	1	2.069284
SU7_str	BOBJ1	191.26	Before	Interior Girder 3	67.42	0.95	1	1	1.694439
SU7_str	BOBJ1	191.26	Before	Interior Girder 4	67.42	0.95	1	1	1.694439
SU7_str	BOBJ1	191.26	Before	Interior Girder 5	67.42	0.95	1	1	2.069284
SU7_str	BOBJ1	191.26	Before	Interior Girder 6	67.42	0.95	1	1	2.129999
SU7_str	BOBJ1	191.26	Before	Right Exterior Girder	67.42	0.95	1	1	2.863527
SU7_str	BOBJ1	191.26	After	Left Exterior Girder	0	0.95	1	1	2.887433
SU7_str	BOBJ1	191.26	After	Interior Girder 1	0	0.95	1	1	2.171823
SU7_str	BOBJ1	191.26	After	Interior Girder 2	0	0.95	1	1	2.091311
SU7_str	BOBJ1	191.26	After	Interior Girder 3	0	0.95	1	1	1.700347
SU7_str	BOBJ1	191.26	After	Interior Girder 4	0	0.95	1	1	1.700347
SU7_str	BOBJ1	191.26	After	Interior Girder 5	0	0.95	1	1	2.091311
SU7_str	BOBJ1	191.26	After	Interior Girder 6	0	0.95	1	1	2.171823
SU7_str	BOBJ1	191.26	After	Right Exterior Girder	0	0.95	1	1	2.887433
SU7_str	BOBJ1	196.26	Before	Interior Girder 1	5	0.95	1	1	3.185979
SU7_str	BOBJ1	196.26	Before	Interior Girder 2	5	0.95	1	1	3.116176
SU7_str	BOBJ1	196.26	Before	Interior Girder 3	5	0.95	1	1	2.937231
SU7_str	BOBJ1	196.26	Before	Interior Girder 4	5	0.95	1	1	2.937231
SU7_str	BOBJ1	196.26	Before	Interior Girder 5	5	0.95	1	1	3.116176
SU7_str	BOBJ1	196.26	Before	Interior Girder 6	5	0.95	1	1	3.185979
SU7_str	BOBJ1	196.26	After	Interior Girder 1	5	0.95	1	1	2.205322
SU7_str	BOBJ1	196.26	After	Interior Girder 2	5	0.95	1	1	2.22673
SU7_str	BOBJ1	196.26	After	Interior Girder 3	5	0.95	1	1	2.062544
SU7_str	BOBJ1	196.26	After	Interior Girder 4	5	0.95	1	1	2.062544
SU7_str	BOBJ1	196.26	After	Interior Girder 5	5	0.95	1	1	2.22673
SU7_str	BOBJ1	196.26	After	Interior Girder 6	5	0.95	1	1	2.205322
SU7_str	BOBJ1	198.76	Before	Left Exterior Girder	7.5	0.95	1	1	4.855075
SU7_str	BOBJ1	198.76	Before	Right Exterior Girder	7.5	0.95	1	1	4.855075
SU7_str	BOBJ1	198.76	After	Left Exterior Girder	7.5	0.95	1	1	2.318069
SU7_str	BOBJ1	198.76	After	Right Exterior Girder	7.5	0.95	1	1	2.318069
SU7_str	BOBJ1	199.685	Before	Left Exterior Girder	8.425	0.95	1	1	2.550799
SU7_str	BOBJ1	199.685	Before	Interior Girder 1	8.425	0.95	1	1	2.740069
SU7_str	BOBJ1	199.685	Before	Interior Girder 2	8.425	0.95	1	1	2.767916
SU7_str	BOBJ1	199.685	Before	Interior Girder 3	8.425	0.95	1	1	2.698883
SU7_str	BOBJ1	199.685	Before	Interior Girder 4	8.425	0.95	1	1	2.698883
SU7_str	BOBJ1	199.685	Before	Interior Girder 5	8.425	0.95	1	1	2.767916
SU7_str	BOBJ1	199.685	Before	Interior Girder 6	8.425	0.95	1	1	2.740069
SU7_str	BOBJ1	199.685	Before	Right Exterior Girder	8.425	0.95	1	1	2.550799
SU7_str	BOBJ1	199.685	After	Left Exterior Girder	8.425	0.95	1	1	2.47844
SU7_str	BOBJ1	199.685	After	Interior Girder 1	8.425	0.95	1	1	2.800958
SU7_str	BOBJ1	199.685	After	Interior Girder 2	8.425	0.95	1	1	2.797977
SU7_str	BOBJ1	199.685	After	Interior Girder 3	8.425	0.95	1	1	2.706888

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelINonCompStrgth-Flx - Approach, Span 7-11									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
SU7_str	BOBJ1	199.685	After	Interior Girder 4	8.425	0.95	1	1	2.706888
SU7_str	BOBJ1	199.685	After	Interior Girder 5	8.425	0.95	1	1	2.797977
SU7_str	BOBJ1	199.685	After	Interior Girder 6	8.425	0.95	1	1	2.800958
SU7_str	BOBJ1	199.685	After	Right Exterior Girder	8.425	0.95	1	1	2.47844
SU7_str	BOBJ1	208.11	Before	Left Exterior Girder	16.85	0.95	1	1	3.229729
SU7_str	BOBJ1	208.11	Before	Interior Girder 1	16.85	0.95	1	1	2.80655
SU7_str	BOBJ1	208.11	Before	Interior Girder 2	16.85	0.95	1	1	2.581676
SU7_str	BOBJ1	208.11	Before	Interior Girder 3	16.85	0.95	1	1	2.523303
SU7_str	BOBJ1	208.11	Before	Interior Girder 4	16.85	0.95	1	1	2.523303
SU7_str	BOBJ1	208.11	Before	Interior Girder 5	16.85	0.95	1	1	2.581676
SU7_str	BOBJ1	208.11	Before	Interior Girder 6	16.85	0.95	1	1	2.80655
SU7_str	BOBJ1	208.11	Before	Right Exterior Girder	16.85	0.95	1	1	3.229729
SU7_str	BOBJ1	208.11	After	Left Exterior Girder	16.85	0.95	1	1	3.310018
SU7_str	BOBJ1	208.11	After	Interior Girder 1	16.85	0.95	1	1	2.757993
SU7_str	BOBJ1	208.11	After	Interior Girder 2	16.85	0.95	1	1	2.582214
SU7_str	BOBJ1	208.11	After	Interior Girder 3	16.85	0.95	1	1	2.563326
SU7_str	BOBJ1	208.11	After	Interior Girder 4	16.85	0.95	1	1	2.563326
SU7_str	BOBJ1	208.11	After	Interior Girder 5	16.85	0.95	1	1	2.582214
SU7_str	BOBJ1	208.11	After	Interior Girder 6	16.85	0.95	1	1	2.757993
SU7_str	BOBJ1	208.11	After	Right Exterior Girder	16.85	0.95	1	1	3.310018
SU7_str	BOBJ1	216.535	Before	Left Exterior Girder	25.275	0.95	1	1	2.019505
SU7_str	BOBJ1	216.535	Before	Interior Girder 1	25.275	0.95	1	1	1.6774
SU7_str	BOBJ1	216.535	Before	Interior Girder 2	25.275	0.95	1	1	1.624129
SU7_str	BOBJ1	216.535	Before	Interior Girder 3	25.275	0.95	1	1	1.5856
SU7_str	BOBJ1	216.535	Before	Interior Girder 4	25.275	0.95	1	1	1.5856
SU7_str	BOBJ1	216.535	Before	Interior Girder 5	25.275	0.95	1	1	1.624129
SU7_str	BOBJ1	216.535	Before	Interior Girder 6	25.275	0.95	1	1	1.6774
SU7_str	BOBJ1	216.535	Before	Right Exterior Girder	25.275	0.95	1	1	2.019505
SU7_str	BOBJ1	216.535	After	Left Exterior Girder	25.275	0.95	1	1	2.04514
SU7_str	BOBJ1	216.535	After	Interior Girder 1	25.275	0.95	1	1	1.662592
SU7_str	BOBJ1	216.535	After	Interior Girder 2	25.275	0.95	1	1	1.622
SU7_str	BOBJ1	216.535	After	Interior Girder 3	25.275	0.95	1	1	1.597354
SU7_str	BOBJ1	216.535	After	Interior Girder 4	25.275	0.95	1	1	1.597354
SU7_str	BOBJ1	216.535	After	Interior Girder 5	25.275	0.95	1	1	1.622
SU7_str	BOBJ1	216.535	After	Interior Girder 6	25.275	0.95	1	1	1.662592
SU7_str	BOBJ1	216.535	After	Right Exterior Girder	25.275	0.95	1	1	2.04514
SU7_str	BOBJ1	224.96	Before	Left Exterior Girder	33.7	0.95	1	1	1.632551
SU7_str	BOBJ1	224.96	Before	Interior Girder 1	33.7	0.95	1	1	1.552764
SU7_str	BOBJ1	224.96	Before	Interior Girder 2	33.7	0.95	1	1	1.514994
SU7_str	BOBJ1	224.96	Before	Interior Girder 3	33.7	0.95	1	1	1.530122
SU7_str	BOBJ1	224.96	Before	Interior Girder 4	33.7	0.95	1	1	1.530122
SU7_str	BOBJ1	224.96	Before	Interior Girder 5	33.7	0.95	1	1	1.514994
SU7_str	BOBJ1	224.96	Before	Interior Girder 6	33.7	0.95	1	1	1.552764
SU7_str	BOBJ1	224.96	Before	Right Exterior Girder	33.7	0.95	1	1	1.632551
SU7_str	BOBJ1	224.96	After	Left Exterior Girder	33.7	0.95	1	1	1.63073
SU7_str	BOBJ1	224.96	After	Interior Girder 1	33.7	0.95	1	1	1.553506
SU7_str	BOBJ1	224.96	After	Interior Girder 2	33.7	0.95	1	1	1.516598
SU7_str	BOBJ1	224.96	After	Interior Girder 3	33.7	0.95	1	1	1.530798
SU7_str	BOBJ1	224.96	After	Interior Girder 4	33.7	0.95	1	1	1.530798
SU7_str	BOBJ1	224.96	After	Interior Girder 5	33.7	0.95	1	1	1.516598
SU7_str	BOBJ1	224.96	After	Interior Girder 6	33.7	0.95	1	1	1.553506
SU7_str	BOBJ1	224.96	After	Right Exterior Girder	33.7	0.95	1	1	1.63073
SU7_str	BOBJ1	233.385	Before	Left Exterior Girder	42.125	0.95	1	1	2.096945
SU7_str	BOBJ1	233.385	Before	Interior Girder 1	42.125	0.95	1	1	1.681883
SU7_str	BOBJ1	233.385	Before	Interior Girder 2	42.125	0.95	1	1	1.636508
SU7_str	BOBJ1	233.385	Before	Interior Girder 3	42.125	0.95	1	1	1.610535
SU7_str	BOBJ1	233.385	Before	Interior Girder 4	42.125	0.95	1	1	1.610535
SU7_str	BOBJ1	233.385	Before	Interior Girder 5	42.125	0.95	1	1	1.636508
SU7_str	BOBJ1	233.385	Before	Interior Girder 6	42.125	0.95	1	1	1.681883
SU7_str	BOBJ1	233.385	Before	Right Exterior Girder	42.125	0.95	1	1	2.096945
SU7_str	BOBJ1	233.385	After	Left Exterior Girder	42.125	0.95	1	1	2.065752
SU7_str	BOBJ1	233.385	After	Interior Girder 1	42.125	0.95	1	1	1.698304
SU7_str	BOBJ1	233.385	After	Interior Girder 2	42.125	0.95	1	1	1.637578
SU7_str	BOBJ1	233.385	After	Interior Girder 3	42.125	0.95	1	1	1.594643
SU7_str	BOBJ1	233.385	After	Interior Girder 4	42.125	0.95	1	1	1.594643

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelINonCompStrgth-Flx - Approach, Span 7-11									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
SU7_str	BOBJ1	233.385	After	Interior Girder 5	42.125	0.95	1	1	1.637578
SU7_str	BOBJ1	233.385	After	Interior Girder 6	42.125	0.95	1	1	1.698304
SU7_str	BOBJ1	233.385	After	Right Exterior Girder	42.125	0.95	1	1	2.065752
SU7_str	BOBJ1	241.81	Before	Left Exterior Girder	50.55	0.95	1	1	3.498192
SU7_str	BOBJ1	241.81	Before	Interior Girder 1	50.55	0.95	1	1	2.843386
SU7_str	BOBJ1	241.81	Before	Interior Girder 2	50.55	0.95	1	1	2.632814
SU7_str	BOBJ1	241.81	Before	Interior Girder 3	50.55	0.95	1	1	2.609457
SU7_str	BOBJ1	241.81	Before	Interior Girder 4	50.55	0.95	1	1	2.609457
SU7_str	BOBJ1	241.81	Before	Interior Girder 5	50.55	0.95	1	1	2.632814
SU7_str	BOBJ1	241.81	Before	Interior Girder 6	50.55	0.95	1	1	2.843386
SU7_str	BOBJ1	241.81	Before	Right Exterior Girder	50.55	0.95	1	1	3.498192
SU7_str	BOBJ1	241.81	After	Left Exterior Girder	50.55	0.95	1	1	3.420798
SU7_str	BOBJ1	241.81	After	Interior Girder 1	50.55	0.95	1	1	2.894424
SU7_str	BOBJ1	241.81	After	Interior Girder 2	50.55	0.95	1	1	2.648247
SU7_str	BOBJ1	241.81	After	Interior Girder 3	50.55	0.95	1	1	2.598226
SU7_str	BOBJ1	241.81	After	Interior Girder 4	50.55	0.95	1	1	2.598226
SU7_str	BOBJ1	241.81	After	Interior Girder 5	50.55	0.95	1	1	2.648247
SU7_str	BOBJ1	241.81	After	Interior Girder 6	50.55	0.95	1	1	2.894424
SU7_str	BOBJ1	241.81	After	Right Exterior Girder	50.55	0.95	1	1	3.420798
SU7_str	BOBJ1	245.18	Before	Left Exterior Girder	53.92	0.95	1	1	4.049796
SU7_str	BOBJ1	245.18	Before	Interior Girder 1	53.92	0.95	1	1	3.78517
SU7_str	BOBJ1	245.18	Before	Interior Girder 2	53.92	0.95	1	1	3.434473
SU7_str	BOBJ1	245.18	Before	Interior Girder 3	53.92	0.95	1	1	3.413282
SU7_str	BOBJ1	245.18	Before	Interior Girder 4	53.92	0.95	1	1	3.413282
SU7_str	BOBJ1	245.18	Before	Interior Girder 5	53.92	0.95	1	1	3.434473
SU7_str	BOBJ1	245.18	Before	Interior Girder 6	53.92	0.95	1	1	3.78517
SU7_str	BOBJ1	245.18	Before	Right Exterior Girder	53.92	0.95	1	1	4.049796
SU7_str	BOBJ1	245.18	After	Left Exterior Girder	53.92	0.95	1	1	4.733156
SU7_str	BOBJ1	245.18	After	Interior Girder 1	53.92	0.95	1	1	4.047045
SU7_str	BOBJ1	245.18	After	Interior Girder 2	53.92	0.95	1	1	3.645113
SU7_str	BOBJ1	245.18	After	Interior Girder 3	53.92	0.95	1	1	3.579253
SU7_str	BOBJ1	245.18	After	Interior Girder 4	53.92	0.95	1	1	3.579253
SU7_str	BOBJ1	245.18	After	Interior Girder 5	53.92	0.95	1	1	3.645113
SU7_str	BOBJ1	245.18	After	Interior Girder 6	53.92	0.95	1	1	4.047045
SU7_str	BOBJ1	245.18	After	Right Exterior Girder	53.92	0.95	1	1	4.733156
SU7_str	BOBJ1	250.245	Before	Left Exterior Girder	58.985	0.95	1	1	3.362815
SU7_str	BOBJ1	250.245	Before	Interior Girder 1	58.985	0.95	1	1	3.401788
SU7_str	BOBJ1	250.245	Before	Interior Girder 2	58.985	0.95	1	1	3.274125
SU7_str	BOBJ1	250.245	Before	Interior Girder 3	58.985	0.95	1	1	3.14732
SU7_str	BOBJ1	250.245	Before	Interior Girder 4	58.985	0.95	1	1	3.14732
SU7_str	BOBJ1	250.245	Before	Interior Girder 5	58.985	0.95	1	1	3.274125
SU7_str	BOBJ1	250.245	Before	Interior Girder 6	58.985	0.95	1	1	3.401788
SU7_str	BOBJ1	250.245	Before	Right Exterior Girder	58.985	0.95	1	1	3.362815
SU7_str	BOBJ1	250.245	After	Left Exterior Girder	58.985	0.95	1	1	3.402764
SU7_str	BOBJ1	250.245	After	Interior Girder 1	58.985	0.95	1	1	3.359363
SU7_str	BOBJ1	250.245	After	Interior Girder 2	58.985	0.95	1	1	3.235983
SU7_str	BOBJ1	250.245	After	Interior Girder 3	58.985	0.95	1	1	3.128172
SU7_str	BOBJ1	250.245	After	Interior Girder 4	58.985	0.95	1	1	3.128172
SU7_str	BOBJ1	250.245	After	Interior Girder 5	58.985	0.95	1	1	3.235983
SU7_str	BOBJ1	250.245	After	Interior Girder 6	58.985	0.95	1	1	3.359363
SU7_str	BOBJ1	250.245	After	Right Exterior Girder	58.985	0.95	1	1	3.402764
SU7_str	BOBJ1	251.68	Before	Left Exterior Girder	60.42	0.95	1	1	3.018104
SU7_str	BOBJ1	251.68	Before	Right Exterior Girder	60.42	0.95	1	1	3.018104
SU7_str	BOBJ1	251.68	After	Left Exterior Girder	60.42	0.95	1	1	5.487741
SU7_str	BOBJ1	251.68	After	Right Exterior Girder	60.42	0.95	1	1	5.487741
SU7_str	BOBJ1	254.18	Before	Interior Girder 1	62.92	0.95	1	1	2.605345
SU7_str	BOBJ1	254.18	Before	Interior Girder 2	62.92	0.95	1	1	2.536474
SU7_str	BOBJ1	254.18	Before	Interior Girder 3	62.92	0.95	1	1	2.278188
SU7_str	BOBJ1	254.18	Before	Interior Girder 4	62.92	0.95	1	1	2.278188
SU7_str	BOBJ1	254.18	Before	Interior Girder 5	62.92	0.95	1	1	2.536474
SU7_str	BOBJ1	254.18	Before	Interior Girder 6	62.92	0.95	1	1	2.605345
SU7_str	BOBJ1	254.18	After	Interior Girder 1	62.92	0.95	1	1	3.257745
SU7_str	BOBJ1	254.18	After	Interior Girder 2	62.92	0.95	1	1	3.092276
SU7_str	BOBJ1	254.18	After	Interior Girder 3	62.92	0.95	1	1	2.811112
SU7_str	BOBJ1	254.18	After	Interior Girder 4	62.92	0.95	1	1	2.811112

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelINonCompStrgth-Flx - Approach, Span 7-11									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
SU7_str	BOBJ1	254.18	After	Interior Girder 5	62.92	0.95	1	1	3.092276
SU7_str	BOBJ1	254.18	After	Interior Girder 6	62.92	0.95	1	1	3.257745
SU7_str	BOBJ1	258.68	Before	Left Exterior Girder	67.42	0.95	1	1	2.783496
SU7_str	BOBJ1	258.68	Before	Interior Girder 1	67.42	0.95	1	1	1.91529
SU7_str	BOBJ1	258.68	Before	Interior Girder 2	67.42	0.95	1	1	1.864848
SU7_str	BOBJ1	258.68	Before	Interior Girder 3	67.42	0.95	1	1	1.538799
SU7_str	BOBJ1	258.68	Before	Interior Girder 4	67.42	0.95	1	1	1.538799
SU7_str	BOBJ1	258.68	Before	Interior Girder 5	67.42	0.95	1	1	1.864848
SU7_str	BOBJ1	258.68	Before	Interior Girder 6	67.42	0.95	1	1	1.91529
SU7_str	BOBJ1	258.68	Before	Right Exterior Girder	67.42	0.95	1	1	2.783496
SU7_str	BOBJ1	258.68	After	Left Exterior Girder	0	0.95	1	1	2.699659
SU7_str	BOBJ1	258.68	After	Interior Girder 1	0	0.95	1	1	1.969553
SU7_str	BOBJ1	258.68	After	Interior Girder 2	0	0.95	1	1	1.868006
SU7_str	BOBJ1	258.68	After	Interior Girder 3	0	0.95	1	1	1.509288
SU7_str	BOBJ1	258.68	After	Interior Girder 4	0	0.95	1	1	1.509288
SU7_str	BOBJ1	258.68	After	Interior Girder 5	0	0.95	1	1	1.868006
SU7_str	BOBJ1	258.68	After	Interior Girder 6	0	0.95	1	1	1.969553
SU7_str	BOBJ1	258.68	After	Right Exterior Girder	0	0.95	1	1	2.699659
SU7_str	BOBJ1	263.18	Before	Interior Girder 1	4.5	0.95	1	1	2.7124
SU7_str	BOBJ1	263.18	Before	Interior Girder 2	4.5	0.95	1	1	2.656647
SU7_str	BOBJ1	263.18	Before	Interior Girder 3	4.5	0.95	1	1	2.493182
SU7_str	BOBJ1	263.18	Before	Interior Girder 4	4.5	0.95	1	1	2.493182
SU7_str	BOBJ1	263.18	Before	Interior Girder 5	4.5	0.95	1	1	2.656647
SU7_str	BOBJ1	263.18	Before	Interior Girder 6	4.5	0.95	1	1	2.7124
SU7_str	BOBJ1	263.18	After	Interior Girder 1	4.5	0.95	1	1	2.159218
SU7_str	BOBJ1	263.18	After	Interior Girder 2	4.5	0.95	1	1	2.171643
SU7_str	BOBJ1	263.18	After	Interior Girder 3	4.5	0.95	1	1	2.012105
SU7_str	BOBJ1	263.18	After	Interior Girder 4	4.5	0.95	1	1	2.012105
SU7_str	BOBJ1	263.18	After	Interior Girder 5	4.5	0.95	1	1	2.171643
SU7_str	BOBJ1	263.18	After	Interior Girder 6	4.5	0.95	1	1	2.159218
SU7_str	BOBJ1	265.68	Before	Left Exterior Girder	7	0.95	1	1	4.319383
SU7_str	BOBJ1	265.68	Before	Right Exterior Girder	7	0.95	1	1	4.319383
SU7_str	BOBJ1	265.68	After	Left Exterior Girder	7	0.95	1	1	2.383033
SU7_str	BOBJ1	265.68	After	Right Exterior Girder	7	0.95	1	1	2.383033
SU7_str	BOBJ1	268.08	Before	Left Exterior Girder	9.4	0.95	1	1	2.931211
SU7_str	BOBJ1	268.08	Before	Interior Girder 1	9.4	0.95	1	1	2.946452
SU7_str	BOBJ1	268.08	Before	Interior Girder 2	9.4	0.95	1	1	2.948702
SU7_str	BOBJ1	268.08	Before	Interior Girder 3	9.4	0.95	1	1	2.907389
SU7_str	BOBJ1	268.08	Before	Interior Girder 4	9.4	0.95	1	1	2.907389
SU7_str	BOBJ1	268.08	Before	Interior Girder 5	9.4	0.95	1	1	2.948702
SU7_str	BOBJ1	268.08	Before	Interior Girder 6	9.4	0.95	1	1	2.946452
SU7_str	BOBJ1	268.08	Before	Right Exterior Girder	9.4	0.95	1	1	2.931211
SU7_str	BOBJ1	268.08	After	Left Exterior Girder	9.4	0.95	1	1	2.858688
SU7_str	BOBJ1	268.08	After	Interior Girder 1	9.4	0.95	1	1	3.004983
SU7_str	BOBJ1	268.08	After	Interior Girder 2	9.4	0.95	1	1	2.986905
SU7_str	BOBJ1	268.08	After	Interior Girder 3	9.4	0.95	1	1	2.917124
SU7_str	BOBJ1	268.08	After	Interior Girder 4	9.4	0.95	1	1	2.917124
SU7_str	BOBJ1	268.08	After	Interior Girder 5	9.4	0.95	1	1	2.986905
SU7_str	BOBJ1	268.08	After	Interior Girder 6	9.4	0.95	1	1	3.004983
SU7_str	BOBJ1	268.08	After	Right Exterior Girder	9.4	0.95	1	1	2.858688
SU7_str	BOBJ1	277.48	Before	Left Exterior Girder	18.8	0.95	1	1	2.810537
SU7_str	BOBJ1	277.48	Before	Interior Girder 1	18.8	0.95	1	1	2.432342
SU7_str	BOBJ1	277.48	Before	Interior Girder 2	18.8	0.95	1	1	2.236865
SU7_str	BOBJ1	277.48	Before	Interior Girder 3	18.8	0.95	1	1	2.180558
SU7_str	BOBJ1	277.48	Before	Interior Girder 4	18.8	0.95	1	1	2.180558
SU7_str	BOBJ1	277.48	Before	Interior Girder 5	18.8	0.95	1	1	2.236865
SU7_str	BOBJ1	277.48	Before	Interior Girder 6	18.8	0.95	1	1	2.432342
SU7_str	BOBJ1	277.48	Before	Right Exterior Girder	18.8	0.95	1	1	2.810537
SU7_str	BOBJ1	277.48	After	Left Exterior Girder	18.8	0.95	1	1	2.873813
SU7_str	BOBJ1	277.48	After	Interior Girder 1	18.8	0.95	1	1	2.389541
SU7_str	BOBJ1	277.48	After	Interior Girder 2	18.8	0.95	1	1	2.239685
SU7_str	BOBJ1	277.48	After	Interior Girder 3	18.8	0.95	1	1	2.208325
SU7_str	BOBJ1	277.48	After	Interior Girder 4	18.8	0.95	1	1	2.208325
SU7_str	BOBJ1	277.48	After	Interior Girder 5	18.8	0.95	1	1	2.239685
SU7_str	BOBJ1	277.48	After	Interior Girder 6	18.8	0.95	1	1	2.389541

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelINonCompStrgth-Flx - Approach, Span 7-11									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
SU7_str	BOBJ1	277.48	After	Right Exterior Girder	18.8	0.95	1	1	2.873813
SU7_str	BOBJ1	286.88	Before	Left Exterior Girder	28.2	0.95	1	1	1.964486
SU7_str	BOBJ1	286.88	Before	Interior Girder 1	28.2	0.95	1	1	1.532233
SU7_str	BOBJ1	286.88	Before	Interior Girder 2	28.2	0.95	1	1	1.476291
SU7_str	BOBJ1	286.88	Before	Interior Girder 3	28.2	0.95	1	1	1.432064
SU7_str	BOBJ1	286.88	Before	Interior Girder 4	28.2	0.95	1	1	1.432064
SU7_str	BOBJ1	286.88	Before	Interior Girder 5	28.2	0.95	1	1	1.476291
SU7_str	BOBJ1	286.88	Before	Interior Girder 6	28.2	0.95	1	1	1.532233
SU7_str	BOBJ1	286.88	Before	Right Exterior Girder	28.2	0.95	1	1	1.964486
SU7_str	BOBJ1	286.88	After	Left Exterior Girder	28.2	0.95	1	1	1.977331
SU7_str	BOBJ1	286.88	After	Interior Girder 1	28.2	0.95	1	1	1.52275
SU7_str	BOBJ1	286.88	After	Interior Girder 2	28.2	0.95	1	1	1.475149
SU7_str	BOBJ1	286.88	After	Interior Girder 3	28.2	0.95	1	1	1.436467
SU7_str	BOBJ1	286.88	After	Interior Girder 4	28.2	0.95	1	1	1.436467
SU7_str	BOBJ1	286.88	After	Interior Girder 5	28.2	0.95	1	1	1.475149
SU7_str	BOBJ1	286.88	After	Interior Girder 6	28.2	0.95	1	1	1.52275
SU7_str	BOBJ1	286.88	After	Right Exterior Girder	28.2	0.95	1	1	1.977331
SU7_str	BOBJ1	296.28	Before	Left Exterior Girder	37.6	0.95	1	1	1.811579
SU7_str	BOBJ1	296.28	Before	Interior Girder 1	37.6	0.95	1	1	1.602556
SU7_str	BOBJ1	296.28	Before	Interior Girder 2	37.6	0.95	1	1	1.536674
SU7_str	BOBJ1	296.28	Before	Interior Girder 3	37.6	0.95	1	1	1.526442
SU7_str	BOBJ1	296.28	Before	Interior Girder 4	37.6	0.95	1	1	1.526442
SU7_str	BOBJ1	296.28	Before	Interior Girder 5	37.6	0.95	1	1	1.536674
SU7_str	BOBJ1	296.28	Before	Interior Girder 6	37.6	0.95	1	1	1.602556
SU7_str	BOBJ1	296.28	Before	Right Exterior Girder	37.6	0.95	1	1	1.811579
SU7_str	BOBJ1	296.28	After	Left Exterior Girder	37.6	0.95	1	1	1.788605
SU7_str	BOBJ1	296.28	After	Interior Girder 1	37.6	0.95	1	1	1.618847
SU7_str	BOBJ1	296.28	After	Interior Girder 2	37.6	0.95	1	1	1.533807
SU7_str	BOBJ1	296.28	After	Interior Girder 3	37.6	0.95	1	1	1.514563
SU7_str	BOBJ1	296.28	After	Interior Girder 4	37.6	0.95	1	1	1.514563
SU7_str	BOBJ1	296.28	After	Interior Girder 5	37.6	0.95	1	1	1.533807
SU7_str	BOBJ1	296.28	After	Interior Girder 6	37.6	0.95	1	1	1.618847
SU7_str	BOBJ1	296.28	After	Right Exterior Girder	37.6	0.95	1	1	1.788605
SU7_str	BOBJ1	305.69	Before	Left Exterior Girder	47.01	0.95	1	1	3.402322
SU7_str	BOBJ1	305.69	Before	Interior Girder 1	47.01	0.95	1	1	2.363485
SU7_str	BOBJ1	305.69	Before	Interior Girder 2	47.01	0.95	1	1	2.244925
SU7_str	BOBJ1	305.69	Before	Interior Girder 3	47.01	0.95	1	1	2.112964
SU7_str	BOBJ1	305.69	Before	Interior Girder 4	47.01	0.95	1	1	2.112964
SU7_str	BOBJ1	305.69	Before	Interior Girder 5	47.01	0.95	1	1	2.244925
SU7_str	BOBJ1	305.69	Before	Interior Girder 6	47.01	0.95	1	1	2.363485
SU7_str	BOBJ1	305.69	Before	Right Exterior Girder	47.01	0.95	1	1	3.402322
SU7_str	BOBJ1	305.69	After	Left Exterior Girder	47.01	0.95	1	1	3.384246
SU7_str	BOBJ1	305.69	After	Interior Girder 1	47.01	0.95	1	1	2.371634
SU7_str	BOBJ1	305.69	After	Interior Girder 2	47.01	0.95	1	1	2.204402
SU7_str	BOBJ1	305.69	After	Interior Girder 3	47.01	0.95	1	1	2.052055
SU7_str	BOBJ1	305.69	After	Interior Girder 4	47.01	0.95	1	1	2.052055
SU7_str	BOBJ1	305.69	After	Interior Girder 5	47.01	0.95	1	1	2.204402
SU7_str	BOBJ1	305.69	After	Interior Girder 6	47.01	0.95	1	1	2.371634
SU7_str	BOBJ1	305.69	After	Right Exterior Girder	47.01	0.95	1	1	3.384246
SU7_str	BOBJ1	315.1	Before	Left Exterior Girder	56.42	0.95	1	1	258.548989
SU7_str	BOBJ1	315.1	Before	Interior Girder 1	56.42	0.95	1	1	221.842988
SU7_str	BOBJ1	315.1	Before	Interior Girder 2	56.42	0.95	1	1	176.266773
SU7_str	BOBJ1	315.1	Before	Interior Girder 3	56.42	0.95	1	1	126.816429
SU7_str	BOBJ1	315.1	Before	Interior Girder 4	56.42	0.95	1	1	126.816429
SU7_str	BOBJ1	315.1	Before	Interior Girder 5	56.42	0.95	1	1	176.266773
SU7_str	BOBJ1	315.1	Before	Interior Girder 6	56.42	0.95	1	1	221.842988
SU7_str	BOBJ1	315.1	Before	Right Exterior Girder	56.42	0.95	1	1	258.54899
Type 3_str	BOBJ1	0	After	Left Exterior Girder	0	0.95	1	1	366.581845
Type 3_str	BOBJ1	0	After	Interior Girder 1	0	0.95	1	1	317.868199
Type 3_str	BOBJ1	0	After	Interior Girder 2	0	0.95	1	1	251.803269
Type 3_str	BOBJ1	0	After	Interior Girder 3	0	0.95	1	1	177.625598
Type 3_str	BOBJ1	0	After	Interior Girder 4	0	0.95	1	1	177.625598
Type 3_str	BOBJ1	0	After	Interior Girder 5	0	0.95	1	1	251.803269
Type 3_str	BOBJ1	0	After	Interior Girder 6	0	0.95	1	1	317.868203
Type 3_str	BOBJ1	0	After	Right Exterior Girder	0	0.95	1	1	366.581845

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelINonCompStrgth-Flx - Approach, Span 7-11									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Type 3_str	BOBJ1	9.4	Before	Left Exterior Girder	9.4	0.95	1	1	4.777972
Type 3_str	BOBJ1	9.4	Before	Interior Girder 1	9.4	0.95	1	1	3.232743
Type 3_str	BOBJ1	9.4	Before	Interior Girder 2	9.4	0.95	1	1	3.041283
Type 3_str	BOBJ1	9.4	Before	Interior Girder 3	9.4	0.95	1	1	2.78936
Type 3_str	BOBJ1	9.4	Before	Interior Girder 4	9.4	0.95	1	1	2.78936
Type 3_str	BOBJ1	9.4	Before	Interior Girder 5	9.4	0.95	1	1	3.041283
Type 3_str	BOBJ1	9.4	Before	Interior Girder 6	9.4	0.95	1	1	3.232743
Type 3_str	BOBJ1	9.4	Before	Right Exterior Girder	9.4	0.95	1	1	4.777972
Type 3_str	BOBJ1	9.4	After	Left Exterior Girder	9.4	0.95	1	1	4.799331
Type 3_str	BOBJ1	9.4	After	Interior Girder 1	9.4	0.95	1	1	3.219996
Type 3_str	BOBJ1	9.4	After	Interior Girder 2	9.4	0.95	1	1	3.093878
Type 3_str	BOBJ1	9.4	After	Interior Girder 3	9.4	0.95	1	1	2.886287
Type 3_str	BOBJ1	9.4	After	Interior Girder 4	9.4	0.95	1	1	2.886287
Type 3_str	BOBJ1	9.4	After	Interior Girder 5	9.4	0.95	1	1	3.093878
Type 3_str	BOBJ1	9.4	After	Interior Girder 6	9.4	0.95	1	1	3.219996
Type 3_str	BOBJ1	9.4	After	Right Exterior Girder	9.4	0.95	1	1	4.799331
Type 3_str	BOBJ1	18.8	Before	Left Exterior Girder	18.8	0.95	1	1	2.646847
Type 3_str	BOBJ1	18.8	Before	Interior Girder 1	18.8	0.95	1	1	2.34745
Type 3_str	BOBJ1	18.8	Before	Interior Girder 2	18.8	0.95	1	1	2.229289
Type 3_str	BOBJ1	18.8	Before	Interior Girder 3	18.8	0.95	1	1	2.193841
Type 3_str	BOBJ1	18.8	Before	Interior Girder 4	18.8	0.95	1	1	2.193841
Type 3_str	BOBJ1	18.8	Before	Interior Girder 5	18.8	0.95	1	1	2.229289
Type 3_str	BOBJ1	18.8	Before	Interior Girder 6	18.8	0.95	1	1	2.34745
Type 3_str	BOBJ1	18.8	Before	Right Exterior Girder	18.8	0.95	1	1	2.646847
Type 3_str	BOBJ1	18.8	After	Left Exterior Girder	18.8	0.95	1	1	2.68024
Type 3_str	BOBJ1	18.8	After	Interior Girder 1	18.8	0.95	1	1	2.323503
Type 3_str	BOBJ1	18.8	After	Interior Girder 2	18.8	0.95	1	1	2.232221
Type 3_str	BOBJ1	18.8	After	Interior Girder 3	18.8	0.95	1	1	2.209294
Type 3_str	BOBJ1	18.8	After	Interior Girder 4	18.8	0.95	1	1	2.209294
Type 3_str	BOBJ1	18.8	After	Interior Girder 5	18.8	0.95	1	1	2.232221
Type 3_str	BOBJ1	18.8	After	Interior Girder 6	18.8	0.95	1	1	2.323503
Type 3_str	BOBJ1	18.8	After	Right Exterior Girder	18.8	0.95	1	1	2.68024
Type 3_str	BOBJ1	28.2	Before	Left Exterior Girder	28.2	0.95	1	1	2.927307
Type 3_str	BOBJ1	28.2	Before	Interior Girder 1	28.2	0.95	1	1	2.220054
Type 3_str	BOBJ1	28.2	Before	Interior Girder 2	28.2	0.95	1	1	2.152509
Type 3_str	BOBJ1	28.2	Before	Interior Girder 3	28.2	0.95	1	1	2.076563
Type 3_str	BOBJ1	28.2	Before	Interior Girder 4	28.2	0.95	1	1	2.076563
Type 3_str	BOBJ1	28.2	Before	Interior Girder 5	28.2	0.95	1	1	2.152509
Type 3_str	BOBJ1	28.2	Before	Interior Girder 6	28.2	0.95	1	1	2.220054
Type 3_str	BOBJ1	28.2	Before	Right Exterior Girder	28.2	0.95	1	1	2.927307
Type 3_str	BOBJ1	28.2	After	Left Exterior Girder	28.2	0.95	1	1	2.911421
Type 3_str	BOBJ1	28.2	After	Interior Girder 1	28.2	0.95	1	1	2.229627
Type 3_str	BOBJ1	28.2	After	Interior Girder 2	28.2	0.95	1	1	2.153054
Type 3_str	BOBJ1	28.2	After	Interior Girder 3	28.2	0.95	1	1	2.070486
Type 3_str	BOBJ1	28.2	After	Interior Girder 4	28.2	0.95	1	1	2.070486
Type 3_str	BOBJ1	28.2	After	Interior Girder 5	28.2	0.95	1	1	2.153054
Type 3_str	BOBJ1	28.2	After	Interior Girder 6	28.2	0.95	1	1	2.229627
Type 3_str	BOBJ1	28.2	After	Right Exterior Girder	28.2	0.95	1	1	2.911421
Type 3_str	BOBJ1	37.6	Before	Left Exterior Girder	37.6	0.95	1	1	4.254891
Type 3_str	BOBJ1	37.6	Before	Interior Girder 1	37.6	0.95	1	1	3.444696
Type 3_str	BOBJ1	37.6	Before	Interior Girder 2	37.6	0.95	1	1	3.231084
Type 3_str	BOBJ1	37.6	Before	Interior Girder 3	37.6	0.95	1	1	3.174509
Type 3_str	BOBJ1	37.6	Before	Interior Girder 4	37.6	0.95	1	1	3.174509
Type 3_str	BOBJ1	37.6	Before	Interior Girder 5	37.6	0.95	1	1	3.231084
Type 3_str	BOBJ1	37.6	Before	Interior Girder 6	37.6	0.95	1	1	3.444696
Type 3_str	BOBJ1	37.6	Before	Right Exterior Girder	37.6	0.95	1	1	4.254891
Type 3_str	BOBJ1	37.6	After	Left Exterior Girder	37.6	0.95	1	1	4.159069
Type 3_str	BOBJ1	37.6	After	Interior Girder 1	37.6	0.95	1	1	3.507224
Type 3_str	BOBJ1	37.6	After	Interior Girder 2	37.6	0.95	1	1	3.229726
Type 3_str	BOBJ1	37.6	After	Interior Girder 3	37.6	0.95	1	1	3.132999
Type 3_str	BOBJ1	37.6	After	Interior Girder 4	37.6	0.95	1	1	3.132999
Type 3_str	BOBJ1	37.6	After	Interior Girder 5	37.6	0.95	1	1	3.229726
Type 3_str	BOBJ1	37.6	After	Interior Girder 6	37.6	0.95	1	1	3.507224
Type 3_str	BOBJ1	37.6	After	Right Exterior Girder	37.6	0.95	1	1	4.159069
Type 3_str	BOBJ1	47.01	Before	Left Exterior Girder	47.01	0.95	1	1	4.367826

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelINonCompStrgth-Flx - Approach, Span 7-11									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Type 3_str	BOBJ1	47.01	Before	Interior Girder 1	47.01	0.95	1	1	4.606048
Type 3_str	BOBJ1	47.01	Before	Interior Girder 2	47.01	0.95	1	1	4.577851
Type 3_str	BOBJ1	47.01	Before	Interior Girder 3	47.01	0.95	1	1	4.453901
Type 3_str	BOBJ1	47.01	Before	Interior Girder 4	47.01	0.95	1	1	4.453901
Type 3_str	BOBJ1	47.01	Before	Interior Girder 5	47.01	0.95	1	1	4.577851
Type 3_str	BOBJ1	47.01	Before	Interior Girder 6	47.01	0.95	1	1	4.606048
Type 3_str	BOBJ1	47.01	Before	Right Exterior Girder	47.01	0.95	1	1	4.367826
Type 3_str	BOBJ1	47.01	After	Left Exterior Girder	47.01	0.95	1	1	4.478226
Type 3_str	BOBJ1	47.01	After	Interior Girder 1	47.01	0.95	1	1	4.517172
Type 3_str	BOBJ1	47.01	After	Interior Girder 2	47.01	0.95	1	1	4.516583
Type 3_str	BOBJ1	47.01	After	Interior Girder 3	47.01	0.95	1	1	4.435442
Type 3_str	BOBJ1	47.01	After	Interior Girder 4	47.01	0.95	1	1	4.435442
Type 3_str	BOBJ1	47.01	After	Interior Girder 5	47.01	0.95	1	1	4.516583
Type 3_str	BOBJ1	47.01	After	Interior Girder 6	47.01	0.95	1	1	4.517172
Type 3_str	BOBJ1	47.01	After	Right Exterior Girder	47.01	0.95	1	1	4.478226
Type 3_str	BOBJ1	49.42	Before	Left Exterior Girder	49.42	0.95	1	1	3.621493
Type 3_str	BOBJ1	49.42	Before	Right Exterior Girder	49.42	0.95	1	1	3.621493
Type 3_str	BOBJ1	49.42	After	Left Exterior Girder	49.42	0.95	1	1	6.576362
Type 3_str	BOBJ1	49.42	After	Right Exterior Girder	49.42	0.95	1	1	6.576362
Type 3_str	BOBJ1	51.92	Before	Interior Girder 1	51.92	0.95	1	1	3.301544
Type 3_str	BOBJ1	51.92	Before	Interior Girder 2	51.92	0.95	1	1	3.318107
Type 3_str	BOBJ1	51.92	Before	Interior Girder 3	51.92	0.95	1	1	3.067207
Type 3_str	BOBJ1	51.92	Before	Interior Girder 4	51.92	0.95	1	1	3.067207
Type 3_str	BOBJ1	51.92	Before	Interior Girder 5	51.92	0.95	1	1	3.318107
Type 3_str	BOBJ1	51.92	Before	Interior Girder 6	51.92	0.95	1	1	3.301544
Type 3_str	BOBJ1	51.92	After	Interior Girder 1	51.92	0.95	1	1	4.15035
Type 3_str	BOBJ1	51.92	After	Interior Girder 2	51.92	0.95	1	1	4.053148
Type 3_str	BOBJ1	51.92	After	Interior Girder 3	51.92	0.95	1	1	3.794867
Type 3_str	BOBJ1	51.92	After	Interior Girder 4	51.92	0.95	1	1	3.794867
Type 3_str	BOBJ1	51.92	After	Interior Girder 5	51.92	0.95	1	1	4.053148
Type 3_str	BOBJ1	51.92	After	Interior Girder 6	51.92	0.95	1	1	4.15035
Type 3_str	BOBJ1	56.42	Before	Left Exterior Girder	56.42	0.95	1	1	4.117848
Type 3_str	BOBJ1	56.42	Before	Interior Girder 1	56.42	0.95	1	1	2.92071
Type 3_str	BOBJ1	56.42	Before	Interior Girder 2	56.42	0.95	1	1	2.796634
Type 3_str	BOBJ1	56.42	Before	Interior Girder 3	56.42	0.95	1	1	2.244045
Type 3_str	BOBJ1	56.42	Before	Interior Girder 4	56.42	0.95	1	1	2.244045
Type 3_str	BOBJ1	56.42	Before	Interior Girder 5	56.42	0.95	1	1	2.796634
Type 3_str	BOBJ1	56.42	Before	Interior Girder 6	56.42	0.95	1	1	2.92071
Type 3_str	BOBJ1	56.42	Before	Right Exterior Girder	56.42	0.95	1	1	4.117848
Type 3_str	BOBJ1	56.42	After	Left Exterior Girder	0	0.95	1	1	4.220674
Type 3_str	BOBJ1	56.42	After	Interior Girder 1	0	0.95	1	1	2.917011
Type 3_str	BOBJ1	56.42	After	Interior Girder 2	0	0.95	1	1	2.847492
Type 3_str	BOBJ1	56.42	After	Interior Girder 3	0	0.95	1	1	2.329569
Type 3_str	BOBJ1	56.42	After	Interior Girder 4	0	0.95	1	1	2.329569
Type 3_str	BOBJ1	56.42	After	Interior Girder 5	0	0.95	1	1	2.847492
Type 3_str	BOBJ1	56.42	After	Interior Girder 6	0	0.95	1	1	2.917011
Type 3_str	BOBJ1	56.42	After	Right Exterior Girder	0	0.95	1	1	4.220674
Type 3_str	BOBJ1	60.92	Before	Interior Girder 1	4.5	0.95	1	1	4.942353
Type 3_str	BOBJ1	60.92	Before	Interior Girder 2	4.5	0.95	1	1	4.681946
Type 3_str	BOBJ1	60.92	Before	Interior Girder 3	4.5	0.95	1	1	4.251122
Type 3_str	BOBJ1	60.92	Before	Interior Girder 4	4.5	0.95	1	1	4.251122
Type 3_str	BOBJ1	60.92	Before	Interior Girder 5	4.5	0.95	1	1	4.681946
Type 3_str	BOBJ1	60.92	Before	Interior Girder 6	4.5	0.95	1	1	4.942353
Type 3_str	BOBJ1	60.92	After	Interior Girder 1	4.5	0.95	1	1	3.957461
Type 3_str	BOBJ1	60.92	After	Interior Girder 2	4.5	0.95	1	1	3.843096
Type 3_str	BOBJ1	60.92	After	Interior Girder 3	4.5	0.95	1	1	3.446879
Type 3_str	BOBJ1	60.92	After	Interior Girder 4	4.5	0.95	1	1	3.446879
Type 3_str	BOBJ1	60.92	After	Interior Girder 5	4.5	0.95	1	1	3.843096
Type 3_str	BOBJ1	60.92	After	Interior Girder 6	4.5	0.95	1	1	3.957461
Type 3_str	BOBJ1	63.42	Before	Left Exterior Girder	7	0.95	1	1	8.212801
Type 3_str	BOBJ1	63.42	Before	Right Exterior Girder	7	0.95	1	1	8.212801
Type 3_str	BOBJ1	63.42	After	Left Exterior Girder	7	0.95	1	1	4.509471
Type 3_str	BOBJ1	63.42	After	Right Exterior Girder	7	0.95	1	1	4.509471
Type 3_str	BOBJ1	64.845	Before	Left Exterior Girder	8.425	0.95	1	1	5.086385
Type 3_str	BOBJ1	64.845	Before	Interior Girder 1	8.425	0.95	1	1	5.096107

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelINonCompStrgth-Flx - Approach, Span 7-11									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Type 3_str	BOBJ1	64.845	Before	Interior Girder 2	8.425	0.95	1	1	4.90571
Type 3_str	BOBJ1	64.845	Before	Interior Girder 3	8.425	0.95	1	1	4.734671
Type 3_str	BOBJ1	64.845	Before	Interior Girder 4	8.425	0.95	1	1	4.734671
Type 3_str	BOBJ1	64.845	Before	Interior Girder 5	8.425	0.95	1	1	4.90571
Type 3_str	BOBJ1	64.845	Before	Interior Girder 6	8.425	0.95	1	1	5.096107
Type 3_str	BOBJ1	64.845	Before	Right Exterior Girder	8.425	0.95	1	1	5.086385
Type 3_str	BOBJ1	64.845	After	Left Exterior Girder	8.425	0.95	1	1	5.027185
Type 3_str	BOBJ1	64.845	After	Interior Girder 1	8.425	0.95	1	1	5.157003
Type 3_str	BOBJ1	64.845	After	Interior Girder 2	8.425	0.95	1	1	4.961005
Type 3_str	BOBJ1	64.845	After	Interior Girder 3	8.425	0.95	1	1	4.764964
Type 3_str	BOBJ1	64.845	After	Interior Girder 4	8.425	0.95	1	1	4.764964
Type 3_str	BOBJ1	64.845	After	Interior Girder 5	8.425	0.95	1	1	4.961005
Type 3_str	BOBJ1	64.845	After	Interior Girder 6	8.425	0.95	1	1	5.157003
Type 3_str	BOBJ1	64.845	After	Right Exterior Girder	8.425	0.95	1	1	5.027185
Type 3_str	BOBJ1	69.92	Before	Left Exterior Girder	13.5	0.95	1	1	7.091011
Type 3_str	BOBJ1	69.92	Before	Interior Girder 1	13.5	0.95	1	1	5.656698
Type 3_str	BOBJ1	69.92	Before	Interior Girder 2	13.5	0.95	1	1	5.08725
Type 3_str	BOBJ1	69.92	Before	Interior Girder 3	13.5	0.95	1	1	4.933453
Type 3_str	BOBJ1	69.92	Before	Interior Girder 4	13.5	0.95	1	1	4.933453
Type 3_str	BOBJ1	69.92	Before	Interior Girder 5	13.5	0.95	1	1	5.08725
Type 3_str	BOBJ1	69.92	Before	Interior Girder 6	13.5	0.95	1	1	5.656698
Type 3_str	BOBJ1	69.92	Before	Right Exterior Girder	13.5	0.95	1	1	7.091011
Type 3_str	BOBJ1	69.92	After	Left Exterior Girder	13.5	0.95	1	1	6.061153
Type 3_str	BOBJ1	69.92	After	Interior Girder 1	13.5	0.95	1	1	5.277418
Type 3_str	BOBJ1	69.92	After	Interior Girder 2	13.5	0.95	1	1	4.77507
Type 3_str	BOBJ1	69.92	After	Interior Girder 3	13.5	0.95	1	1	4.679858
Type 3_str	BOBJ1	69.92	After	Interior Girder 4	13.5	0.95	1	1	4.679858
Type 3_str	BOBJ1	69.92	After	Interior Girder 5	13.5	0.95	1	1	4.77507
Type 3_str	BOBJ1	69.92	After	Interior Girder 6	13.5	0.95	1	1	5.277418
Type 3_str	BOBJ1	69.92	After	Right Exterior Girder	13.5	0.95	1	1	6.061153
Type 3_str	BOBJ1	73.27	Before	Left Exterior Girder	16.85	0.95	1	1	5.089679
Type 3_str	BOBJ1	73.27	Before	Interior Girder 1	16.85	0.95	1	1	4.174012
Type 3_str	BOBJ1	73.27	Before	Interior Girder 2	16.85	0.95	1	1	3.823304
Type 3_str	BOBJ1	73.27	Before	Interior Girder 3	16.85	0.95	1	1	3.71456
Type 3_str	BOBJ1	73.27	Before	Interior Girder 4	16.85	0.95	1	1	3.71456
Type 3_str	BOBJ1	73.27	Before	Interior Girder 5	16.85	0.95	1	1	3.823304
Type 3_str	BOBJ1	73.27	Before	Interior Girder 6	16.85	0.95	1	1	4.174012
Type 3_str	BOBJ1	73.27	Before	Right Exterior Girder	16.85	0.95	1	1	5.089679
Type 3_str	BOBJ1	73.27	After	Left Exterior Girder	16.85	0.95	1	1	5.218956
Type 3_str	BOBJ1	73.27	After	Interior Girder 1	16.85	0.95	1	1	4.109001
Type 3_str	BOBJ1	73.27	After	Interior Girder 2	16.85	0.95	1	1	3.800661
Type 3_str	BOBJ1	73.27	After	Interior Girder 3	16.85	0.95	1	1	3.741972
Type 3_str	BOBJ1	73.27	After	Interior Girder 4	16.85	0.95	1	1	3.741972
Type 3_str	BOBJ1	73.27	After	Interior Girder 5	16.85	0.95	1	1	3.800661
Type 3_str	BOBJ1	73.27	After	Interior Girder 6	16.85	0.95	1	1	4.109001
Type 3_str	BOBJ1	73.27	After	Right Exterior Girder	16.85	0.95	1	1	5.218956
Type 3_str	BOBJ1	81.695	Before	Left Exterior Girder	25.275	0.95	1	1	3.071871
Type 3_str	BOBJ1	81.695	Before	Interior Girder 1	25.275	0.95	1	1	2.46311
Type 3_str	BOBJ1	81.695	Before	Interior Girder 2	25.275	0.95	1	1	2.372913
Type 3_str	BOBJ1	81.695	Before	Interior Girder 3	25.275	0.95	1	1	2.29023
Type 3_str	BOBJ1	81.695	Before	Interior Girder 4	25.275	0.95	1	1	2.29023
Type 3_str	BOBJ1	81.695	Before	Interior Girder 5	25.275	0.95	1	1	2.372913
Type 3_str	BOBJ1	81.695	Before	Interior Girder 6	25.275	0.95	1	1	2.46311
Type 3_str	BOBJ1	81.695	Before	Right Exterior Girder	25.275	0.95	1	1	3.071871
Type 3_str	BOBJ1	81.695	After	Left Exterior Girder	25.275	0.95	1	1	3.122158
Type 3_str	BOBJ1	81.695	After	Interior Girder 1	25.275	0.95	1	1	2.437719
Type 3_str	BOBJ1	81.695	After	Interior Girder 2	25.275	0.95	1	1	2.365532
Type 3_str	BOBJ1	81.695	After	Interior Girder 3	25.275	0.95	1	1	2.304815
Type 3_str	BOBJ1	81.695	After	Interior Girder 4	25.275	0.95	1	1	2.304815
Type 3_str	BOBJ1	81.695	After	Interior Girder 5	25.275	0.95	1	1	2.365532
Type 3_str	BOBJ1	81.695	After	Interior Girder 6	25.275	0.95	1	1	2.437719
Type 3_str	BOBJ1	81.695	After	Right Exterior Girder	25.275	0.95	1	1	3.122158
Type 3_str	BOBJ1	90.12	Before	Left Exterior Girder	33.7	0.95	1	1	2.460922
Type 3_str	BOBJ1	90.12	Before	Interior Girder 1	33.7	0.95	1	1	2.287072
Type 3_str	BOBJ1	90.12	Before	Interior Girder 2	33.7	0.95	1	1	2.230443

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelINonCompStrgth-Flx - Approach, Span 7-11									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Type 3_str	BOBJ1	90.12	Before	Interior Girder 3	33.7	0.95	1	1	2.234895
Type 3_str	BOBJ1	90.12	Before	Interior Girder 4	33.7	0.95	1	1	2.234895
Type 3_str	BOBJ1	90.12	Before	Interior Girder 5	33.7	0.95	1	1	2.230443
Type 3_str	BOBJ1	90.12	Before	Interior Girder 6	33.7	0.95	1	1	2.287072
Type 3_str	BOBJ1	90.12	Before	Right Exterior Girder	33.7	0.95	1	1	2.460922
Type 3_str	BOBJ1	90.12	After	Left Exterior Girder	33.7	0.95	1	1	2.462755
Type 3_str	BOBJ1	90.12	After	Interior Girder 1	33.7	0.95	1	1	2.287024
Type 3_str	BOBJ1	90.12	After	Interior Girder 2	33.7	0.95	1	1	2.228547
Type 3_str	BOBJ1	90.12	After	Interior Girder 3	33.7	0.95	1	1	2.234228
Type 3_str	BOBJ1	90.12	After	Interior Girder 4	33.7	0.95	1	1	2.234228
Type 3_str	BOBJ1	90.12	After	Interior Girder 5	33.7	0.95	1	1	2.228547
Type 3_str	BOBJ1	90.12	After	Interior Girder 6	33.7	0.95	1	1	2.287024
Type 3_str	BOBJ1	90.12	After	Right Exterior Girder	33.7	0.95	1	1	2.462755
Type 3_str	BOBJ1	98.545	Before	Left Exterior Girder	42.125	0.95	1	1	3.035147
Type 3_str	BOBJ1	98.545	Before	Interior Girder 1	42.125	0.95	1	1	2.406525
Type 3_str	BOBJ1	98.545	Before	Interior Girder 2	42.125	0.95	1	1	2.345404
Type 3_str	BOBJ1	98.545	Before	Interior Girder 3	42.125	0.95	1	1	2.28946
Type 3_str	BOBJ1	98.545	Before	Interior Girder 4	42.125	0.95	1	1	2.28946
Type 3_str	BOBJ1	98.545	Before	Interior Girder 5	42.125	0.95	1	1	2.345404
Type 3_str	BOBJ1	98.545	Before	Interior Girder 6	42.125	0.95	1	1	2.406525
Type 3_str	BOBJ1	98.545	Before	Right Exterior Girder	42.125	0.95	1	1	3.035147
Type 3_str	BOBJ1	98.545	After	Left Exterior Girder	42.125	0.95	1	1	2.994369
Type 3_str	BOBJ1	98.545	After	Interior Girder 1	42.125	0.95	1	1	2.429267
Type 3_str	BOBJ1	98.545	After	Interior Girder 2	42.125	0.95	1	1	2.351267
Type 3_str	BOBJ1	98.545	After	Interior Girder 3	42.125	0.95	1	1	2.275678
Type 3_str	BOBJ1	98.545	After	Interior Girder 4	42.125	0.95	1	1	2.275678
Type 3_str	BOBJ1	98.545	After	Interior Girder 5	42.125	0.95	1	1	2.351267
Type 3_str	BOBJ1	98.545	After	Interior Girder 6	42.125	0.95	1	1	2.429267
Type 3_str	BOBJ1	98.545	After	Right Exterior Girder	42.125	0.95	1	1	2.994369
Type 3_str	BOBJ1	106.97	Before	Left Exterior Girder	50.55	0.95	1	1	4.90502
Type 3_str	BOBJ1	106.97	Before	Interior Girder 1	50.55	0.95	1	1	3.953132
Type 3_str	BOBJ1	106.97	Before	Interior Girder 2	50.55	0.95	1	1	3.694253
Type 3_str	BOBJ1	106.97	Before	Interior Girder 3	50.55	0.95	1	1	3.628717
Type 3_str	BOBJ1	106.97	Before	Interior Girder 4	50.55	0.95	1	1	3.628717
Type 3_str	BOBJ1	106.97	Before	Interior Girder 5	50.55	0.95	1	1	3.694253
Type 3_str	BOBJ1	106.97	Before	Interior Girder 6	50.55	0.95	1	1	3.953132
Type 3_str	BOBJ1	106.97	Before	Right Exterior Girder	50.55	0.95	1	1	4.90502
Type 3_str	BOBJ1	106.97	After	Left Exterior Girder	50.55	0.95	1	1	4.776322
Type 3_str	BOBJ1	106.97	After	Interior Girder 1	50.55	0.95	1	1	4.023343
Type 3_str	BOBJ1	106.97	After	Interior Girder 2	50.55	0.95	1	1	3.699928
Type 3_str	BOBJ1	106.97	After	Interior Girder 3	50.55	0.95	1	1	3.574786
Type 3_str	BOBJ1	106.97	After	Interior Girder 4	50.55	0.95	1	1	3.574786
Type 3_str	BOBJ1	106.97	After	Interior Girder 5	50.55	0.95	1	1	3.699928
Type 3_str	BOBJ1	106.97	After	Interior Girder 6	50.55	0.95	1	1	4.023343
Type 3_str	BOBJ1	106.97	After	Right Exterior Girder	50.55	0.95	1	1	4.776322
Type 3_str	BOBJ1	115.405	Before	Left Exterior Girder	58.985	0.95	1	1	3.793442
Type 3_str	BOBJ1	115.405	Before	Interior Girder 1	58.985	0.95	1	1	4.281071
Type 3_str	BOBJ1	115.405	Before	Interior Girder 2	58.985	0.95	1	1	4.269539
Type 3_str	BOBJ1	115.405	Before	Interior Girder 3	58.985	0.95	1	1	4.123729
Type 3_str	BOBJ1	115.405	Before	Interior Girder 4	58.985	0.95	1	1	4.123729
Type 3_str	BOBJ1	115.405	Before	Interior Girder 5	58.985	0.95	1	1	4.269539
Type 3_str	BOBJ1	115.405	Before	Interior Girder 6	58.985	0.95	1	1	4.281071
Type 3_str	BOBJ1	115.405	Before	Right Exterior Girder	58.985	0.95	1	1	3.793442
Type 3_str	BOBJ1	115.405	After	Left Exterior Girder	58.985	0.95	1	1	3.902943
Type 3_str	BOBJ1	115.405	After	Interior Girder 1	58.985	0.95	1	1	4.187643
Type 3_str	BOBJ1	115.405	After	Interior Girder 2	58.985	0.95	1	1	4.221006
Type 3_str	BOBJ1	115.405	After	Interior Girder 3	58.985	0.95	1	1	4.111685
Type 3_str	BOBJ1	115.405	After	Interior Girder 4	58.985	0.95	1	1	4.111685
Type 3_str	BOBJ1	115.405	After	Interior Girder 5	58.985	0.95	1	1	4.221006
Type 3_str	BOBJ1	115.405	After	Interior Girder 6	58.985	0.95	1	1	4.187643
Type 3_str	BOBJ1	115.405	After	Right Exterior Girder	58.985	0.95	1	1	3.902943
Type 3_str	BOBJ1	116.34	Before	Left Exterior Girder	59.92	0.95	1	1	3.527414
Type 3_str	BOBJ1	116.34	Before	Right Exterior Girder	59.92	0.95	1	1	3.527414
Type 3_str	BOBJ1	116.34	After	Left Exterior Girder	59.92	0.95	1	1	7.391867
Type 3_str	BOBJ1	116.34	After	Right Exterior Girder	59.92	0.95	1	1	7.391867

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelINonCompStrgth-Flx - Approach, Span 7-11									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Type 3_str	BOBJ1	118.84	Before	Interior Girder 1	62.42	0.95	1	1	3.367434
Type 3_str	BOBJ1	118.84	Before	Interior Girder 2	62.42	0.95	1	1	3.391441
Type 3_str	BOBJ1	118.84	Before	Interior Girder 3	62.42	0.95	1	1	3.145033
Type 3_str	BOBJ1	118.84	Before	Interior Girder 4	62.42	0.95	1	1	3.145033
Type 3_str	BOBJ1	118.84	Before	Interior Girder 5	62.42	0.95	1	1	3.391441
Type 3_str	BOBJ1	118.84	Before	Interior Girder 6	62.42	0.95	1	1	3.367434
Type 3_str	BOBJ1	118.84	After	Interior Girder 1	62.42	0.95	1	1	4.863683
Type 3_str	BOBJ1	118.84	After	Interior Girder 2	62.42	0.95	1	1	4.748129
Type 3_str	BOBJ1	118.84	After	Interior Girder 3	62.42	0.95	1	1	4.487409
Type 3_str	BOBJ1	118.84	After	Interior Girder 4	62.42	0.95	1	1	4.487409
Type 3_str	BOBJ1	118.84	After	Interior Girder 5	62.42	0.95	1	1	4.748129
Type 3_str	BOBJ1	118.84	After	Interior Girder 6	62.42	0.95	1	1	4.863683
Type 3_str	BOBJ1	123.84	Before	Left Exterior Girder	67.42	0.95	1	1	4.407972
Type 3_str	BOBJ1	123.84	Before	Interior Girder 1	67.42	0.95	1	1	3.290034
Type 3_str	BOBJ1	123.84	Before	Interior Girder 2	67.42	0.95	1	1	3.179601
Type 3_str	BOBJ1	123.84	Before	Interior Girder 3	67.42	0.95	1	1	2.580452
Type 3_str	BOBJ1	123.84	Before	Interior Girder 4	67.42	0.95	1	1	2.580452
Type 3_str	BOBJ1	123.84	Before	Interior Girder 5	67.42	0.95	1	1	3.179601
Type 3_str	BOBJ1	123.84	Before	Interior Girder 6	67.42	0.95	1	1	3.290034
Type 3_str	BOBJ1	123.84	Before	Right Exterior Girder	67.42	0.95	1	1	4.407972
Type 3_str	BOBJ1	123.84	After	Left Exterior Girder	0	0.95	1	1	4.361181
Type 3_str	BOBJ1	123.84	After	Interior Girder 1	0	0.95	1	1	3.238892
Type 3_str	BOBJ1	123.84	After	Interior Girder 2	0	0.95	1	1	3.166158
Type 3_str	BOBJ1	123.84	After	Interior Girder 3	0	0.95	1	1	2.57508
Type 3_str	BOBJ1	123.84	After	Interior Girder 4	0	0.95	1	1	2.57508
Type 3_str	BOBJ1	123.84	After	Interior Girder 5	0	0.95	1	1	3.166158
Type 3_str	BOBJ1	123.84	After	Interior Girder 6	0	0.95	1	1	3.238892
Type 3_str	BOBJ1	123.84	After	Right Exterior Girder	0	0.95	1	1	4.361181
Type 3_str	BOBJ1	128.84	Before	Interior Girder 1	5	0.95	1	1	4.977554
Type 3_str	BOBJ1	128.84	Before	Interior Girder 2	5	0.95	1	1	4.838428
Type 3_str	BOBJ1	128.84	Before	Interior Girder 3	5	0.95	1	1	4.548884
Type 3_str	BOBJ1	128.84	Before	Interior Girder 4	5	0.95	1	1	4.548884
Type 3_str	BOBJ1	128.84	Before	Interior Girder 5	5	0.95	1	1	4.838428
Type 3_str	BOBJ1	128.84	Before	Interior Girder 6	5	0.95	1	1	4.977554
Type 3_str	BOBJ1	128.84	After	Interior Girder 1	5	0.95	1	1	3.450136
Type 3_str	BOBJ1	128.84	After	Interior Girder 2	5	0.95	1	1	3.458954
Type 3_str	BOBJ1	128.84	After	Interior Girder 3	5	0.95	1	1	3.201008
Type 3_str	BOBJ1	128.84	After	Interior Girder 4	5	0.95	1	1	3.201008
Type 3_str	BOBJ1	128.84	After	Interior Girder 5	5	0.95	1	1	3.458954
Type 3_str	BOBJ1	128.84	After	Interior Girder 6	5	0.95	1	1	3.450136
Type 3_str	BOBJ1	131.34	Before	Left Exterior Girder	7.5	0.95	1	1	7.613608
Type 3_str	BOBJ1	131.34	Before	Right Exterior Girder	7.5	0.95	1	1	7.613608
Type 3_str	BOBJ1	131.34	After	Left Exterior Girder	7.5	0.95	1	1	3.637777
Type 3_str	BOBJ1	131.34	After	Right Exterior Girder	7.5	0.95	1	1	3.637777
Type 3_str	BOBJ1	132.265	Before	Left Exterior Girder	8.425	0.95	1	1	4.002
Type 3_str	BOBJ1	132.265	Before	Interior Girder 1	8.425	0.95	1	1	4.290805
Type 3_str	BOBJ1	132.265	Before	Interior Girder 2	8.425	0.95	1	1	4.300486
Type 3_str	BOBJ1	132.265	Before	Interior Girder 3	8.425	0.95	1	1	4.183729
Type 3_str	BOBJ1	132.265	Before	Interior Girder 4	8.425	0.95	1	1	4.183729
Type 3_str	BOBJ1	132.265	Before	Interior Girder 5	8.425	0.95	1	1	4.300486
Type 3_str	BOBJ1	132.265	Before	Interior Girder 6	8.425	0.95	1	1	4.290805
Type 3_str	BOBJ1	132.265	Before	Right Exterior Girder	8.425	0.95	1	1	4.002
Type 3_str	BOBJ1	132.265	After	Left Exterior Girder	8.425	0.95	1	1	3.889215
Type 3_str	BOBJ1	132.265	After	Interior Girder 1	8.425	0.95	1	1	4.385355
Type 3_str	BOBJ1	132.265	After	Interior Girder 2	8.425	0.95	1	1	4.350307
Type 3_str	BOBJ1	132.265	After	Interior Girder 3	8.425	0.95	1	1	4.198078
Type 3_str	BOBJ1	132.265	After	Interior Girder 4	8.425	0.95	1	1	4.198078
Type 3_str	BOBJ1	132.265	After	Interior Girder 5	8.425	0.95	1	1	4.350307
Type 3_str	BOBJ1	132.265	After	Interior Girder 6	8.425	0.95	1	1	4.385355
Type 3_str	BOBJ1	132.265	After	Right Exterior Girder	8.425	0.95	1	1	3.889215
Type 3_str	BOBJ1	140.69	Before	Left Exterior Girder	16.85	0.95	1	1	4.815786
Type 3_str	BOBJ1	140.69	Before	Interior Girder 1	16.85	0.95	1	1	4.030744
Type 3_str	BOBJ1	140.69	Before	Interior Girder 2	16.85	0.95	1	1	3.707734
Type 3_str	BOBJ1	140.69	Before	Interior Girder 3	16.85	0.95	1	1	3.586539
Type 3_str	BOBJ1	140.69	Before	Interior Girder 4	16.85	0.95	1	1	3.586539

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelINonCompStrgth-Flx - Approach, Span 7-11									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Type 3_str	BOBJ1	140.69	Before	Interior Girder 5	16.85	0.95	1	1	3.707734
Type 3_str	BOBJ1	140.69	Before	Interior Girder 6	16.85	0.95	1	1	4.030744
Type 3_str	BOBJ1	140.69	Before	Right Exterior Girder	16.85	0.95	1	1	4.815786
Type 3_str	BOBJ1	140.69	After	Left Exterior Girder	16.85	0.95	1	1	4.949118
Type 3_str	BOBJ1	140.69	After	Interior Girder 1	16.85	0.95	1	1	3.960972
Type 3_str	BOBJ1	140.69	After	Interior Girder 2	16.85	0.95	1	1	3.701382
Type 3_str	BOBJ1	140.69	After	Interior Girder 3	16.85	0.95	1	1	3.639862
Type 3_str	BOBJ1	140.69	After	Interior Girder 4	16.85	0.95	1	1	3.639862
Type 3_str	BOBJ1	140.69	After	Interior Girder 5	16.85	0.95	1	1	3.701382
Type 3_str	BOBJ1	140.69	After	Interior Girder 6	16.85	0.95	1	1	3.960972
Type 3_str	BOBJ1	140.69	After	Right Exterior Girder	16.85	0.95	1	1	4.949118
Type 3_str	BOBJ1	149.115	Before	Left Exterior Girder	25.275	0.95	1	1	2.977877
Type 3_str	BOBJ1	149.115	Before	Interior Girder 1	25.275	0.95	1	1	2.412918
Type 3_str	BOBJ1	149.115	Before	Interior Girder 2	25.275	0.95	1	1	2.340986
Type 3_str	BOBJ1	149.115	Before	Interior Girder 3	25.275	0.95	1	1	2.271671
Type 3_str	BOBJ1	149.115	Before	Interior Girder 4	25.275	0.95	1	1	2.271671
Type 3_str	BOBJ1	149.115	Before	Interior Girder 5	25.275	0.95	1	1	2.340986
Type 3_str	BOBJ1	149.115	Before	Interior Girder 6	25.275	0.95	1	1	2.412918
Type 3_str	BOBJ1	149.115	Before	Right Exterior Girder	25.275	0.95	1	1	2.977877
Type 3_str	BOBJ1	149.115	After	Left Exterior Girder	25.275	0.95	1	1	3.020978
Type 3_str	BOBJ1	149.115	After	Interior Girder 1	25.275	0.95	1	1	2.390767
Type 3_str	BOBJ1	149.115	After	Interior Girder 2	25.275	0.95	1	1	2.33431
Type 3_str	BOBJ1	149.115	After	Interior Girder 3	25.275	0.95	1	1	2.284995
Type 3_str	BOBJ1	149.115	After	Interior Girder 4	25.275	0.95	1	1	2.284995
Type 3_str	BOBJ1	149.115	After	Interior Girder 5	25.275	0.95	1	1	2.33431
Type 3_str	BOBJ1	149.115	After	Interior Girder 6	25.275	0.95	1	1	2.390767
Type 3_str	BOBJ1	149.115	After	Right Exterior Girder	25.275	0.95	1	1	3.020978
Type 3_str	BOBJ1	157.54	Before	Left Exterior Girder	33.7	0.95	1	1	2.42157
Type 3_str	BOBJ1	157.54	Before	Interior Girder 1	33.7	0.95	1	1	2.25287
Type 3_str	BOBJ1	157.54	Before	Interior Girder 2	33.7	0.95	1	1	2.207101
Type 3_str	BOBJ1	157.54	Before	Interior Girder 3	33.7	0.95	1	1	2.222573
Type 3_str	BOBJ1	157.54	Before	Interior Girder 4	33.7	0.95	1	1	2.222573
Type 3_str	BOBJ1	157.54	Before	Interior Girder 5	33.7	0.95	1	1	2.207101
Type 3_str	BOBJ1	157.54	Before	Interior Girder 6	33.7	0.95	1	1	2.25287
Type 3_str	BOBJ1	157.54	Before	Right Exterior Girder	33.7	0.95	1	1	2.42157
Type 3_str	BOBJ1	157.54	After	Left Exterior Girder	33.7	0.95	1	1	2.421775
Type 3_str	BOBJ1	157.54	After	Interior Girder 1	33.7	0.95	1	1	2.252806
Type 3_str	BOBJ1	157.54	After	Interior Girder 2	33.7	0.95	1	1	2.207102
Type 3_str	BOBJ1	157.54	After	Interior Girder 3	33.7	0.95	1	1	2.222575
Type 3_str	BOBJ1	157.54	After	Interior Girder 4	33.7	0.95	1	1	2.222575
Type 3_str	BOBJ1	157.54	After	Interior Girder 5	33.7	0.95	1	1	2.207102
Type 3_str	BOBJ1	157.54	After	Interior Girder 6	33.7	0.95	1	1	2.252806
Type 3_str	BOBJ1	157.54	After	Right Exterior Girder	33.7	0.95	1	1	2.421775
Type 3_str	BOBJ1	165.965	Before	Left Exterior Girder	42.125	0.95	1	1	3.01844
Type 3_str	BOBJ1	165.965	Before	Interior Girder 1	42.125	0.95	1	1	2.389774
Type 3_str	BOBJ1	165.965	Before	Interior Girder 2	42.125	0.95	1	1	2.333376
Type 3_str	BOBJ1	165.965	Before	Interior Girder 3	42.125	0.95	1	1	2.283932
Type 3_str	BOBJ1	165.965	Before	Interior Girder 4	42.125	0.95	1	1	2.283932
Type 3_str	BOBJ1	165.965	Before	Interior Girder 5	42.125	0.95	1	1	2.333376
Type 3_str	BOBJ1	165.965	Before	Interior Girder 6	42.125	0.95	1	1	2.389774
Type 3_str	BOBJ1	165.965	Before	Right Exterior Girder	42.125	0.95	1	1	3.01844
Type 3_str	BOBJ1	165.965	After	Left Exterior Girder	42.125	0.95	1	1	2.975683
Type 3_str	BOBJ1	165.965	After	Interior Girder 1	42.125	0.95	1	1	2.411813
Type 3_str	BOBJ1	165.965	After	Interior Girder 2	42.125	0.95	1	1	2.340024
Type 3_str	BOBJ1	165.965	After	Interior Girder 3	42.125	0.95	1	1	2.270712
Type 3_str	BOBJ1	165.965	After	Interior Girder 4	42.125	0.95	1	1	2.270712
Type 3_str	BOBJ1	165.965	After	Interior Girder 5	42.125	0.95	1	1	2.340024
Type 3_str	BOBJ1	165.965	After	Interior Girder 6	42.125	0.95	1	1	2.411813
Type 3_str	BOBJ1	165.965	After	Right Exterior Girder	42.125	0.95	1	1	2.975683
Type 3_str	BOBJ1	174.39	Before	Left Exterior Girder	50.55	0.95	1	1	4.938897
Type 3_str	BOBJ1	174.39	Before	Interior Girder 1	50.55	0.95	1	1	3.956426
Type 3_str	BOBJ1	174.39	Before	Interior Girder 2	50.55	0.95	1	1	3.697617
Type 3_str	BOBJ1	174.39	Before	Interior Girder 3	50.55	0.95	1	1	3.635399
Type 3_str	BOBJ1	174.39	Before	Interior Girder 4	50.55	0.95	1	1	3.635399
Type 3_str	BOBJ1	174.39	Before	Interior Girder 5	50.55	0.95	1	1	3.697617

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelINonCompStrgth-Flx - Approach, Span 7-11									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Type 3_str	BOBJ1	174.39	Before	Interior Girder 6	50.55	0.95	1	1	3.956426
Type 3_str	BOBJ1	174.39	Before	Right Exterior Girder	50.55	0.95	1	1	4.938897
Type 3_str	BOBJ1	174.39	After	Left Exterior Girder	50.55	0.95	1	1	4.806081
Type 3_str	BOBJ1	174.39	After	Interior Girder 1	50.55	0.95	1	1	4.026212
Type 3_str	BOBJ1	174.39	After	Interior Girder 2	50.55	0.95	1	1	3.704041
Type 3_str	BOBJ1	174.39	After	Interior Girder 3	50.55	0.95	1	1	3.582275
Type 3_str	BOBJ1	174.39	After	Interior Girder 4	50.55	0.95	1	1	3.582275
Type 3_str	BOBJ1	174.39	After	Interior Girder 5	50.55	0.95	1	1	3.704041
Type 3_str	BOBJ1	174.39	After	Interior Girder 6	50.55	0.95	1	1	4.026212
Type 3_str	BOBJ1	174.39	After	Right Exterior Girder	50.55	0.95	1	1	4.806081
Type 3_str	BOBJ1	182.825	Before	Left Exterior Girder	58.985	0.95	1	1	3.892091
Type 3_str	BOBJ1	182.825	Before	Interior Girder 1	58.985	0.95	1	1	4.381389
Type 3_str	BOBJ1	182.825	Before	Interior Girder 2	58.985	0.95	1	1	4.346084
Type 3_str	BOBJ1	182.825	Before	Interior Girder 3	58.985	0.95	1	1	4.199232
Type 3_str	BOBJ1	182.825	Before	Interior Girder 4	58.985	0.95	1	1	4.199232
Type 3_str	BOBJ1	182.825	Before	Interior Girder 5	58.985	0.95	1	1	4.346084
Type 3_str	BOBJ1	182.825	Before	Interior Girder 6	58.985	0.95	1	1	4.381389
Type 3_str	BOBJ1	182.825	Before	Right Exterior Girder	58.985	0.95	1	1	3.892091
Type 3_str	BOBJ1	182.825	After	Left Exterior Girder	58.985	0.95	1	1	4.005211
Type 3_str	BOBJ1	182.825	After	Interior Girder 1	58.985	0.95	1	1	4.286926
Type 3_str	BOBJ1	182.825	After	Interior Girder 2	58.985	0.95	1	1	4.296113
Type 3_str	BOBJ1	182.825	After	Interior Girder 3	58.985	0.95	1	1	4.185119
Type 3_str	BOBJ1	182.825	After	Interior Girder 4	58.985	0.95	1	1	4.185119
Type 3_str	BOBJ1	182.825	After	Interior Girder 5	58.985	0.95	1	1	4.296113
Type 3_str	BOBJ1	182.825	After	Interior Girder 6	58.985	0.95	1	1	4.286926
Type 3_str	BOBJ1	182.825	After	Right Exterior Girder	58.985	0.95	1	1	4.005211
Type 3_str	BOBJ1	183.76	Before	Left Exterior Girder	59.92	0.95	1	1	3.62139
Type 3_str	BOBJ1	183.76	Before	Right Exterior Girder	59.92	0.95	1	1	3.62139
Type 3_str	BOBJ1	183.76	After	Left Exterior Girder	59.92	0.95	1	1	7.589065
Type 3_str	BOBJ1	183.76	After	Right Exterior Girder	59.92	0.95	1	1	7.589065
Type 3_str	BOBJ1	186.26	Before	Interior Girder 1	62.42	0.95	1	1	3.443056
Type 3_str	BOBJ1	186.26	Before	Interior Girder 2	62.42	0.95	1	1	3.45185
Type 3_str	BOBJ1	186.26	Before	Interior Girder 3	62.42	0.95	1	1	3.19983
Type 3_str	BOBJ1	186.26	Before	Interior Girder 4	62.42	0.95	1	1	3.19983
Type 3_str	BOBJ1	186.26	Before	Interior Girder 5	62.42	0.95	1	1	3.45185
Type 3_str	BOBJ1	186.26	Before	Interior Girder 6	62.42	0.95	1	1	3.443056
Type 3_str	BOBJ1	186.26	After	Interior Girder 1	62.42	0.95	1	1	4.969045
Type 3_str	BOBJ1	186.26	After	Interior Girder 2	62.42	0.95	1	1	4.829972
Type 3_str	BOBJ1	186.26	After	Interior Girder 3	62.42	0.95	1	1	4.548421
Type 3_str	BOBJ1	186.26	After	Interior Girder 4	62.42	0.95	1	1	4.548421
Type 3_str	BOBJ1	186.26	After	Interior Girder 5	62.42	0.95	1	1	4.829972
Type 3_str	BOBJ1	186.26	After	Interior Girder 6	62.42	0.95	1	1	4.969045
Type 3_str	BOBJ1	191.26	Before	Left Exterior Girder	67.42	0.95	1	1	4.361235
Type 3_str	BOBJ1	191.26	Before	Interior Girder 1	67.42	0.95	1	1	3.230783
Type 3_str	BOBJ1	191.26	Before	Interior Girder 2	67.42	0.95	1	1	3.156669
Type 3_str	BOBJ1	191.26	Before	Interior Girder 3	67.42	0.95	1	1	2.573344
Type 3_str	BOBJ1	191.26	Before	Interior Girder 4	67.42	0.95	1	1	2.573344
Type 3_str	BOBJ1	191.26	Before	Interior Girder 5	67.42	0.95	1	1	3.156669
Type 3_str	BOBJ1	191.26	Before	Interior Girder 6	67.42	0.95	1	1	3.230783
Type 3_str	BOBJ1	191.26	Before	Right Exterior Girder	67.42	0.95	1	1	4.361235
Type 3_str	BOBJ1	191.26	After	Left Exterior Girder	0	0.95	1	1	4.401308
Type 3_str	BOBJ1	191.26	After	Interior Girder 1	0	0.95	1	1	3.293811
Type 3_str	BOBJ1	191.26	After	Interior Girder 2	0	0.95	1	1	3.185787
Type 3_str	BOBJ1	191.26	After	Interior Girder 3	0	0.95	1	1	2.579908
Type 3_str	BOBJ1	191.26	After	Interior Girder 4	0	0.95	1	1	2.579908
Type 3_str	BOBJ1	191.26	After	Interior Girder 5	0	0.95	1	1	3.185787
Type 3_str	BOBJ1	191.26	After	Interior Girder 6	0	0.95	1	1	3.293811
Type 3_str	BOBJ1	191.26	After	Right Exterior Girder	0	0.95	1	1	4.401308
Type 3_str	BOBJ1	196.26	Before	Interior Girder 1	5	0.95	1	1	4.867775
Type 3_str	BOBJ1	196.26	Before	Interior Girder 2	5	0.95	1	1	4.753494
Type 3_str	BOBJ1	196.26	Before	Interior Girder 3	5	0.95	1	1	4.485446
Type 3_str	BOBJ1	196.26	Before	Interior Girder 4	5	0.95	1	1	4.485446
Type 3_str	BOBJ1	196.26	Before	Interior Girder 5	5	0.95	1	1	4.753494
Type 3_str	BOBJ1	196.26	Before	Interior Girder 6	5	0.95	1	1	4.867775
Type 3_str	BOBJ1	196.26	After	Interior Girder 1	5	0.95	1	1	3.370053

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelINonCompStrgth-Flx - Approach, Span 7-11									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Type 3_str	BOBJ1	196.26	After	Interior Girder 2	5	0.95	1	1	3.395459
Type 3_str	BOBJ1	196.26	After	Interior Girder 3	5	0.95	1	1	3.14369
Type 3_str	BOBJ1	196.26	After	Interior Girder 4	5	0.95	1	1	3.14369
Type 3_str	BOBJ1	196.26	After	Interior Girder 5	5	0.95	1	1	3.395459
Type 3_str	BOBJ1	196.26	After	Interior Girder 6	5	0.95	1	1	3.370053
Type 3_str	BOBJ1	198.76	Before	Left Exterior Girder	7.5	0.95	1	1	7.412768
Type 3_str	BOBJ1	198.76	Before	Right Exterior Girder	7.5	0.95	1	1	7.412768
Type 3_str	BOBJ1	198.76	After	Left Exterior Girder	7.5	0.95	1	1	3.539253
Type 3_str	BOBJ1	198.76	After	Right Exterior Girder	7.5	0.95	1	1	3.539253
Type 3_str	BOBJ1	199.685	Before	Left Exterior Girder	8.425	0.95	1	1	3.895808
Type 3_str	BOBJ1	199.685	Before	Interior Girder 1	8.425	0.95	1	1	4.18776
Type 3_str	BOBJ1	199.685	Before	Interior Girder 2	8.425	0.95	1	1	4.222695
Type 3_str	BOBJ1	199.685	Before	Interior Girder 3	8.425	0.95	1	1	4.108179
Type 3_str	BOBJ1	199.685	Before	Interior Girder 4	8.425	0.95	1	1	4.108179
Type 3_str	BOBJ1	199.685	Before	Interior Girder 5	8.425	0.95	1	1	4.222695
Type 3_str	BOBJ1	199.685	Before	Interior Girder 6	8.425	0.95	1	1	4.18776
Type 3_str	BOBJ1	199.685	Before	Right Exterior Girder	8.425	0.95	1	1	3.895808
Type 3_str	BOBJ1	199.685	After	Left Exterior Girder	8.425	0.95	1	1	3.786331
Type 3_str	BOBJ1	199.685	After	Interior Girder 1	8.425	0.95	1	1	4.281295
Type 3_str	BOBJ1	199.685	After	Interior Girder 2	8.425	0.95	1	1	4.271169
Type 3_str	BOBJ1	199.685	After	Interior Girder 3	8.425	0.95	1	1	4.120719
Type 3_str	BOBJ1	199.685	After	Interior Girder 4	8.425	0.95	1	1	4.120719
Type 3_str	BOBJ1	199.685	After	Interior Girder 5	8.425	0.95	1	1	4.271169
Type 3_str	BOBJ1	199.685	After	Interior Girder 6	8.425	0.95	1	1	4.281295
Type 3_str	BOBJ1	199.685	After	Right Exterior Girder	8.425	0.95	1	1	3.786331
Type 3_str	BOBJ1	208.11	Before	Left Exterior Girder	16.85	0.95	1	1	4.78741
Type 3_str	BOBJ1	208.11	Before	Interior Girder 1	16.85	0.95	1	1	4.028727
Type 3_str	BOBJ1	208.11	Before	Interior Girder 2	16.85	0.95	1	1	3.704162
Type 3_str	BOBJ1	208.11	Before	Interior Girder 3	16.85	0.95	1	1	3.579457
Type 3_str	BOBJ1	208.11	Before	Interior Girder 4	16.85	0.95	1	1	3.579457
Type 3_str	BOBJ1	208.11	Before	Interior Girder 5	16.85	0.95	1	1	3.704162
Type 3_str	BOBJ1	208.11	Before	Interior Girder 6	16.85	0.95	1	1	4.028727
Type 3_str	BOBJ1	208.11	Before	Right Exterior Girder	16.85	0.95	1	1	4.78741
Type 3_str	BOBJ1	208.11	After	Left Exterior Girder	16.85	0.95	1	1	4.916945
Type 3_str	BOBJ1	208.11	After	Interior Girder 1	16.85	0.95	1	1	3.958494
Type 3_str	BOBJ1	208.11	After	Interior Girder 2	16.85	0.95	1	1	3.698464
Type 3_str	BOBJ1	208.11	After	Interior Girder 3	16.85	0.95	1	1	3.633468
Type 3_str	BOBJ1	208.11	After	Interior Girder 4	16.85	0.95	1	1	3.633468
Type 3_str	BOBJ1	208.11	After	Interior Girder 5	16.85	0.95	1	1	3.698464
Type 3_str	BOBJ1	208.11	After	Interior Girder 6	16.85	0.95	1	1	3.958494
Type 3_str	BOBJ1	208.11	After	Right Exterior Girder	16.85	0.95	1	1	4.916945
Type 3_str	BOBJ1	216.535	Before	Left Exterior Girder	25.275	0.95	1	1	2.995772
Type 3_str	BOBJ1	216.535	Before	Interior Girder 1	25.275	0.95	1	1	2.429789
Type 3_str	BOBJ1	216.535	Before	Interior Girder 2	25.275	0.95	1	1	2.351809
Type 3_str	BOBJ1	216.535	Before	Interior Girder 3	25.275	0.95	1	1	2.27632
Type 3_str	BOBJ1	216.535	Before	Interior Girder 4	25.275	0.95	1	1	2.27632
Type 3_str	BOBJ1	216.535	Before	Interior Girder 5	25.275	0.95	1	1	2.351809
Type 3_str	BOBJ1	216.535	Before	Interior Girder 6	25.275	0.95	1	1	2.429789
Type 3_str	BOBJ1	216.535	Before	Right Exterior Girder	25.275	0.95	1	1	2.995772
Type 3_str	BOBJ1	216.535	After	Left Exterior Girder	25.275	0.95	1	1	3.037215
Type 3_str	BOBJ1	216.535	After	Interior Girder 1	25.275	0.95	1	1	2.406912
Type 3_str	BOBJ1	216.535	After	Interior Girder 2	25.275	0.95	1	1	2.345819
Type 3_str	BOBJ1	216.535	After	Interior Girder 3	25.275	0.95	1	1	2.290084
Type 3_str	BOBJ1	216.535	After	Interior Girder 4	25.275	0.95	1	1	2.290084
Type 3_str	BOBJ1	216.535	After	Interior Girder 5	25.275	0.95	1	1	2.345819
Type 3_str	BOBJ1	216.535	After	Interior Girder 6	25.275	0.95	1	1	2.406912
Type 3_str	BOBJ1	216.535	After	Right Exterior Girder	25.275	0.95	1	1	3.037215
Type 3_str	BOBJ1	224.96	Before	Left Exterior Girder	33.7	0.95	1	1	2.460274
Type 3_str	BOBJ1	224.96	Before	Interior Girder 1	33.7	0.95	1	1	2.28527
Type 3_str	BOBJ1	224.96	Before	Interior Girder 2	33.7	0.95	1	1	2.227328
Type 3_str	BOBJ1	224.96	Before	Interior Girder 3	33.7	0.95	1	1	2.23323
Type 3_str	BOBJ1	224.96	Before	Interior Girder 4	33.7	0.95	1	1	2.23323
Type 3_str	BOBJ1	224.96	Before	Interior Girder 5	33.7	0.95	1	1	2.227328
Type 3_str	BOBJ1	224.96	Before	Interior Girder 6	33.7	0.95	1	1	2.28527
Type 3_str	BOBJ1	224.96	Before	Right Exterior Girder	33.7	0.95	1	1	2.460274

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelINonCompStrgth-Flx - Approach, Span 7-11									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Type 3_str	BOBJ1	224.96	After	Left Exterior Girder	33.7	0.95	1	1	2.45915
Type 3_str	BOBJ1	224.96	After	Interior Girder 1	33.7	0.95	1	1	2.285283
Type 3_str	BOBJ1	224.96	After	Interior Girder 2	33.7	0.95	1	1	2.229032
Type 3_str	BOBJ1	224.96	After	Interior Girder 3	33.7	0.95	1	1	2.233779
Type 3_str	BOBJ1	224.96	After	Interior Girder 4	33.7	0.95	1	1	2.233779
Type 3_str	BOBJ1	224.96	After	Interior Girder 5	33.7	0.95	1	1	2.229032
Type 3_str	BOBJ1	224.96	After	Interior Girder 6	33.7	0.95	1	1	2.285283
Type 3_str	BOBJ1	224.96	After	Right Exterior Girder	33.7	0.95	1	1	2.45915
Type 3_str	BOBJ1	233.385	Before	Left Exterior Girder	42.125	0.95	1	1	3.114533
Type 3_str	BOBJ1	233.385	Before	Interior Girder 1	42.125	0.95	1	1	2.433715
Type 3_str	BOBJ1	233.385	Before	Interior Girder 2	42.125	0.95	1	1	2.362586
Type 3_str	BOBJ1	233.385	Before	Interior Girder 3	42.125	0.95	1	1	2.3022
Type 3_str	BOBJ1	233.385	Before	Interior Girder 4	42.125	0.95	1	1	2.3022
Type 3_str	BOBJ1	233.385	Before	Interior Girder 5	42.125	0.95	1	1	2.362586
Type 3_str	BOBJ1	233.385	Before	Interior Girder 6	42.125	0.95	1	1	2.433715
Type 3_str	BOBJ1	233.385	Before	Right Exterior Girder	42.125	0.95	1	1	3.114533
Type 3_str	BOBJ1	233.385	After	Left Exterior Girder	42.125	0.95	1	1	3.06502
Type 3_str	BOBJ1	233.385	After	Interior Girder 1	42.125	0.95	1	1	2.458895
Type 3_str	BOBJ1	233.385	After	Interior Girder 2	42.125	0.95	1	1	2.369816
Type 3_str	BOBJ1	233.385	After	Interior Girder 3	42.125	0.95	1	1	2.287649
Type 3_str	BOBJ1	233.385	After	Interior Girder 4	42.125	0.95	1	1	2.287649
Type 3_str	BOBJ1	233.385	After	Interior Girder 5	42.125	0.95	1	1	2.369816
Type 3_str	BOBJ1	233.385	After	Interior Girder 6	42.125	0.95	1	1	2.458895
Type 3_str	BOBJ1	233.385	After	Right Exterior Girder	42.125	0.95	1	1	3.06502
Type 3_str	BOBJ1	241.81	Before	Left Exterior Girder	50.55	0.95	1	1	5.197861
Type 3_str	BOBJ1	241.81	Before	Interior Girder 1	50.55	0.95	1	1	4.098301
Type 3_str	BOBJ1	241.81	Before	Interior Girder 2	50.55	0.95	1	1	3.793269
Type 3_str	BOBJ1	241.81	Before	Interior Girder 3	50.55	0.95	1	1	3.734809
Type 3_str	BOBJ1	241.81	Before	Interior Girder 4	50.55	0.95	1	1	3.734809
Type 3_str	BOBJ1	241.81	Before	Interior Girder 5	50.55	0.95	1	1	3.793269
Type 3_str	BOBJ1	241.81	Before	Interior Girder 6	50.55	0.95	1	1	4.098301
Type 3_str	BOBJ1	241.81	Before	Right Exterior Girder	50.55	0.95	1	1	5.197861
Type 3_str	BOBJ1	241.81	After	Left Exterior Girder	50.55	0.95	1	1	5.069777
Type 3_str	BOBJ1	241.81	After	Interior Girder 1	50.55	0.95	1	1	4.162916
Type 3_str	BOBJ1	241.81	After	Interior Girder 2	50.55	0.95	1	1	3.815486
Type 3_str	BOBJ1	241.81	After	Interior Girder 3	50.55	0.95	1	1	3.707088
Type 3_str	BOBJ1	241.81	After	Interior Girder 4	50.55	0.95	1	1	3.707088
Type 3_str	BOBJ1	241.81	After	Interior Girder 5	50.55	0.95	1	1	3.815486
Type 3_str	BOBJ1	241.81	After	Interior Girder 6	50.55	0.95	1	1	4.162916
Type 3_str	BOBJ1	241.81	After	Right Exterior Girder	50.55	0.95	1	1	5.069777
Type 3_str	BOBJ1	245.18	Before	Left Exterior Girder	53.92	0.95	1	1	6.075539
Type 3_str	BOBJ1	245.18	Before	Interior Girder 1	53.92	0.95	1	1	5.271057
Type 3_str	BOBJ1	245.18	Before	Interior Girder 2	53.92	0.95	1	1	4.772525
Type 3_str	BOBJ1	245.18	Before	Interior Girder 3	53.92	0.95	1	1	4.675864
Type 3_str	BOBJ1	245.18	Before	Interior Girder 4	53.92	0.95	1	1	4.675864
Type 3_str	BOBJ1	245.18	Before	Interior Girder 5	53.92	0.95	1	1	4.772525
Type 3_str	BOBJ1	245.18	Before	Interior Girder 6	53.92	0.95	1	1	5.271057
Type 3_str	BOBJ1	245.18	Before	Right Exterior Girder	53.92	0.95	1	1	6.075539
Type 3_str	BOBJ1	245.18	After	Left Exterior Girder	53.92	0.95	1	1	7.105594
Type 3_str	BOBJ1	245.18	After	Interior Girder 1	53.92	0.95	1	1	5.65066
Type 3_str	BOBJ1	245.18	After	Interior Girder 2	53.92	0.95	1	1	5.084911
Type 3_str	BOBJ1	245.18	After	Interior Girder 3	53.92	0.95	1	1	4.929699
Type 3_str	BOBJ1	245.18	After	Interior Girder 4	53.92	0.95	1	1	4.929699
Type 3_str	BOBJ1	245.18	After	Interior Girder 5	53.92	0.95	1	1	5.084911
Type 3_str	BOBJ1	245.18	After	Interior Girder 6	53.92	0.95	1	1	5.65066
Type 3_str	BOBJ1	245.18	After	Right Exterior Girder	53.92	0.95	1	1	7.105594
Type 3_str	BOBJ1	250.245	Before	Left Exterior Girder	58.985	0.95	1	1	5.047962
Type 3_str	BOBJ1	250.245	Before	Interior Girder 1	58.985	0.95	1	1	5.162779
Type 3_str	BOBJ1	250.245	Before	Interior Girder 2	58.985	0.95	1	1	4.962023
Type 3_str	BOBJ1	250.245	Before	Interior Girder 3	58.985	0.95	1	1	4.77095
Type 3_str	BOBJ1	250.245	Before	Interior Girder 4	58.985	0.95	1	1	4.77095
Type 3_str	BOBJ1	250.245	Before	Interior Girder 5	58.985	0.95	1	1	4.962023
Type 3_str	BOBJ1	250.245	Before	Interior Girder 6	58.985	0.95	1	1	5.162779
Type 3_str	BOBJ1	250.245	Before	Right Exterior Girder	58.985	0.95	1	1	5.047962
Type 3_str	BOBJ1	250.245	After	Left Exterior Girder	58.985	0.95	1	1	5.106464

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelINonCompStrgth-Flx - Approach, Span 7-11									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Type 3_str	BOBJ1	250.245	After	Interior Girder 1	58.985	0.95	1	1	5.10231
Type 3_str	BOBJ1	250.245	After	Interior Girder 2	58.985	0.95	1	1	4.906746
Type 3_str	BOBJ1	250.245	After	Interior Girder 3	58.985	0.95	1	1	4.741125
Type 3_str	BOBJ1	250.245	After	Interior Girder 4	58.985	0.95	1	1	4.741125
Type 3_str	BOBJ1	250.245	After	Interior Girder 5	58.985	0.95	1	1	4.906746
Type 3_str	BOBJ1	250.245	After	Interior Girder 6	58.985	0.95	1	1	5.10231
Type 3_str	BOBJ1	250.245	After	Right Exterior Girder	58.985	0.95	1	1	5.106464
Type 3_str	BOBJ1	251.68	Before	Left Exterior Girder	60.42	0.95	1	1	4.526045
Type 3_str	BOBJ1	251.68	Before	Right Exterior Girder	60.42	0.95	1	1	4.526045
Type 3_str	BOBJ1	251.68	After	Left Exterior Girder	60.42	0.95	1	1	8.229579
Type 3_str	BOBJ1	251.68	After	Right Exterior Girder	60.42	0.95	1	1	8.229579
Type 3_str	BOBJ1	254.18	Before	Interior Girder 1	62.92	0.95	1	1	3.960129
Type 3_str	BOBJ1	254.18	Before	Interior Girder 2	62.92	0.95	1	1	3.841264
Type 3_str	BOBJ1	254.18	Before	Interior Girder 3	62.92	0.95	1	1	3.450291
Type 3_str	BOBJ1	254.18	Before	Interior Girder 4	62.92	0.95	1	1	3.450291
Type 3_str	BOBJ1	254.18	Before	Interior Girder 5	62.92	0.95	1	1	3.841264
Type 3_str	BOBJ1	254.18	Before	Interior Girder 6	62.92	0.95	1	1	3.960129
Type 3_str	BOBJ1	254.18	After	Interior Girder 1	62.92	0.95	1	1	4.944292
Type 3_str	BOBJ1	254.18	After	Interior Girder 2	62.92	0.95	1	1	4.679154
Type 3_str	BOBJ1	254.18	After	Interior Girder 3	62.92	0.95	1	1	4.255127
Type 3_str	BOBJ1	254.18	After	Interior Girder 4	62.92	0.95	1	1	4.255127
Type 3_str	BOBJ1	254.18	After	Interior Girder 5	62.92	0.95	1	1	4.679154
Type 3_str	BOBJ1	254.18	After	Interior Girder 6	62.92	0.95	1	1	4.944292
Type 3_str	BOBJ1	258.68	Before	Left Exterior Girder	67.42	0.95	1	1	4.236886
Type 3_str	BOBJ1	258.68	Before	Interior Girder 1	67.42	0.95	1	1	2.91831
Type 3_str	BOBJ1	258.68	Before	Interior Girder 2	67.42	0.95	1	1	2.843872
Type 3_str	BOBJ1	258.68	Before	Interior Girder 3	67.42	0.95	1	1	2.331629
Type 3_str	BOBJ1	258.68	Before	Interior Girder 4	67.42	0.95	1	1	2.331629
Type 3_str	BOBJ1	258.68	Before	Interior Girder 5	67.42	0.95	1	1	2.843872
Type 3_str	BOBJ1	258.68	Before	Interior Girder 6	67.42	0.95	1	1	2.91831
Type 3_str	BOBJ1	258.68	Before	Right Exterior Girder	67.42	0.95	1	1	4.236886
Type 3_str	BOBJ1	258.68	After	Left Exterior Girder	0	0.95	1	1	4.129742
Type 3_str	BOBJ1	258.68	After	Interior Girder 1	0	0.95	1	1	2.933751
Type 3_str	BOBJ1	258.68	After	Interior Girder 2	0	0.95	1	1	2.806816
Type 3_str	BOBJ1	258.68	After	Interior Girder 3	0	0.95	1	1	2.246862
Type 3_str	BOBJ1	258.68	After	Interior Girder 4	0	0.95	1	1	2.246862
Type 3_str	BOBJ1	258.68	After	Interior Girder 5	0	0.95	1	1	2.806816
Type 3_str	BOBJ1	258.68	After	Interior Girder 6	0	0.95	1	1	2.933751
Type 3_str	BOBJ1	258.68	After	Right Exterior Girder	0	0.95	1	1	4.129742
Type 3_str	BOBJ1	263.18	Before	Interior Girder 1	4.5	0.95	1	1	4.159303
Type 3_str	BOBJ1	263.18	Before	Interior Girder 2	4.5	0.95	1	1	4.060723
Type 3_str	BOBJ1	263.18	Before	Interior Girder 3	4.5	0.95	1	1	3.795413
Type 3_str	BOBJ1	263.18	Before	Interior Girder 4	4.5	0.95	1	1	3.795413
Type 3_str	BOBJ1	263.18	Before	Interior Girder 5	4.5	0.95	1	1	4.060723
Type 3_str	BOBJ1	263.18	Before	Interior Girder 6	4.5	0.95	1	1	4.159303
Type 3_str	BOBJ1	263.18	After	Interior Girder 1	4.5	0.95	1	1	3.310001
Type 3_str	BOBJ1	263.18	After	Interior Girder 2	4.5	0.95	1	1	3.324806
Type 3_str	BOBJ1	263.18	After	Interior Girder 3	4.5	0.95	1	1	3.068187
Type 3_str	BOBJ1	263.18	After	Interior Girder 4	4.5	0.95	1	1	3.068187
Type 3_str	BOBJ1	263.18	After	Interior Girder 5	4.5	0.95	1	1	3.324806
Type 3_str	BOBJ1	263.18	After	Interior Girder 6	4.5	0.95	1	1	3.310001
Type 3_str	BOBJ1	265.68	Before	Left Exterior Girder	7	0.95	1	1	6.60475
Type 3_str	BOBJ1	265.68	Before	Right Exterior Girder	7	0.95	1	1	6.60475
Type 3_str	BOBJ1	265.68	After	Left Exterior Girder	7	0.95	1	1	3.643887
Type 3_str	BOBJ1	265.68	After	Right Exterior Girder	7	0.95	1	1	3.643887
Type 3_str	BOBJ1	268.08	Before	Left Exterior Girder	9.4	0.95	1	1	4.482971
Type 3_str	BOBJ1	268.08	Before	Interior Girder 1	9.4	0.95	1	1	4.5173
Type 3_str	BOBJ1	268.08	Before	Interior Girder 2	9.4	0.95	1	1	4.5181
Type 3_str	BOBJ1	268.08	Before	Interior Girder 3	9.4	0.95	1	1	4.432577
Type 3_str	BOBJ1	268.08	Before	Interior Girder 4	9.4	0.95	1	1	4.432577
Type 3_str	BOBJ1	268.08	Before	Interior Girder 5	9.4	0.95	1	1	4.5181
Type 3_str	BOBJ1	268.08	Before	Interior Girder 6	9.4	0.95	1	1	4.5173
Type 3_str	BOBJ1	268.08	Before	Right Exterior Girder	9.4	0.95	1	1	4.482971
Type 3_str	BOBJ1	268.08	After	Left Exterior Girder	9.4	0.95	1	1	4.372383
Type 3_str	BOBJ1	268.08	After	Interior Girder 1	9.4	0.95	1	1	4.607257

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelINonCompStrgth-Flx - Approach, Span 7-11									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Type 3_str	BOBJ1	268.08	After	Interior Girder 2	9.4	0.95	1	1	4.578952
Type 3_str	BOBJ1	268.08	After	Interior Girder 3	9.4	0.95	1	1	4.450976
Type 3_str	BOBJ1	268.08	After	Interior Girder 4	9.4	0.95	1	1	4.450976
Type 3_str	BOBJ1	268.08	After	Interior Girder 5	9.4	0.95	1	1	4.578952
Type 3_str	BOBJ1	268.08	After	Interior Girder 6	9.4	0.95	1	1	4.607257
Type 3_str	BOBJ1	268.08	After	Right Exterior Girder	9.4	0.95	1	1	4.372383
Type 3_str	BOBJ1	277.48	Before	Left Exterior Girder	18.8	0.95	1	1	4.165908
Type 3_str	BOBJ1	277.48	Before	Interior Girder 1	18.8	0.95	1	1	3.517557
Type 3_str	BOBJ1	277.48	Before	Interior Girder 2	18.8	0.95	1	1	3.237233
Type 3_str	BOBJ1	277.48	Before	Interior Girder 3	18.8	0.95	1	1	3.138985
Type 3_str	BOBJ1	277.48	Before	Interior Girder 4	18.8	0.95	1	1	3.138985
Type 3_str	BOBJ1	277.48	Before	Interior Girder 5	18.8	0.95	1	1	3.237233
Type 3_str	BOBJ1	277.48	Before	Interior Girder 6	18.8	0.95	1	1	3.517557
Type 3_str	BOBJ1	277.48	Before	Right Exterior Girder	18.8	0.95	1	1	4.165908
Type 3_str	BOBJ1	277.48	After	Left Exterior Girder	18.8	0.95	1	1	4.261659
Type 3_str	BOBJ1	277.48	After	Interior Girder 1	18.8	0.95	1	1	3.4543
Type 3_str	BOBJ1	277.48	After	Interior Girder 2	18.8	0.95	1	1	3.238853
Type 3_str	BOBJ1	277.48	After	Interior Girder 3	18.8	0.95	1	1	3.180995
Type 3_str	BOBJ1	277.48	After	Interior Girder 4	18.8	0.95	1	1	3.180995
Type 3_str	BOBJ1	277.48	After	Interior Girder 5	18.8	0.95	1	1	3.238853
Type 3_str	BOBJ1	277.48	After	Interior Girder 6	18.8	0.95	1	1	3.4543
Type 3_str	BOBJ1	277.48	After	Right Exterior Girder	18.8	0.95	1	1	4.261659
Type 3_str	BOBJ1	286.88	Before	Left Exterior Girder	28.2	0.95	1	1	2.918944
Type 3_str	BOBJ1	286.88	Before	Interior Girder 1	28.2	0.95	1	1	2.238343
Type 3_str	BOBJ1	286.88	Before	Interior Girder 2	28.2	0.95	1	1	2.159072
Type 3_str	BOBJ1	286.88	Before	Interior Girder 3	28.2	0.95	1	1	2.074304
Type 3_str	BOBJ1	286.88	Before	Interior Girder 4	28.2	0.95	1	1	2.074304
Type 3_str	BOBJ1	286.88	Before	Interior Girder 5	28.2	0.95	1	1	2.159072
Type 3_str	BOBJ1	286.88	Before	Interior Girder 6	28.2	0.95	1	1	2.238343
Type 3_str	BOBJ1	286.88	Before	Right Exterior Girder	28.2	0.95	1	1	2.918944
Type 3_str	BOBJ1	286.88	After	Left Exterior Girder	28.2	0.95	1	1	2.934695
Type 3_str	BOBJ1	286.88	After	Interior Girder 1	28.2	0.95	1	1	2.228517
Type 3_str	BOBJ1	286.88	After	Interior Girder 2	28.2	0.95	1	1	2.158659
Type 3_str	BOBJ1	286.88	After	Interior Girder 3	28.2	0.95	1	1	2.080538
Type 3_str	BOBJ1	286.88	After	Interior Girder 4	28.2	0.95	1	1	2.080538
Type 3_str	BOBJ1	286.88	After	Interior Girder 5	28.2	0.95	1	1	2.158659
Type 3_str	BOBJ1	286.88	After	Interior Girder 6	28.2	0.95	1	1	2.228517
Type 3_str	BOBJ1	286.88	After	Right Exterior Girder	28.2	0.95	1	1	2.934695
Type 3_str	BOBJ1	296.28	Before	Left Exterior Girder	37.6	0.95	1	1	2.690791
Type 3_str	BOBJ1	296.28	Before	Interior Girder 1	37.6	0.95	1	1	2.335459
Type 3_str	BOBJ1	296.28	Before	Interior Girder 2	37.6	0.95	1	1	2.239609
Type 3_str	BOBJ1	296.28	Before	Interior Girder 3	37.6	0.95	1	1	2.213402
Type 3_str	BOBJ1	296.28	Before	Interior Girder 4	37.6	0.95	1	1	2.213402
Type 3_str	BOBJ1	296.28	Before	Interior Girder 5	37.6	0.95	1	1	2.239609
Type 3_str	BOBJ1	296.28	Before	Interior Girder 6	37.6	0.95	1	1	2.335459
Type 3_str	BOBJ1	296.28	Before	Right Exterior Girder	37.6	0.95	1	1	2.690791
Type 3_str	BOBJ1	296.28	After	Left Exterior Girder	37.6	0.95	1	1	2.656824
Type 3_str	BOBJ1	296.28	After	Interior Girder 1	37.6	0.95	1	1	2.360273
Type 3_str	BOBJ1	296.28	After	Interior Girder 2	37.6	0.95	1	1	2.236431
Type 3_str	BOBJ1	296.28	After	Interior Girder 3	37.6	0.95	1	1	2.197589
Type 3_str	BOBJ1	296.28	After	Interior Girder 4	37.6	0.95	1	1	2.197589
Type 3_str	BOBJ1	296.28	After	Interior Girder 5	37.6	0.95	1	1	2.236431
Type 3_str	BOBJ1	296.28	After	Interior Girder 6	37.6	0.95	1	1	2.360273
Type 3_str	BOBJ1	296.28	After	Right Exterior Girder	37.6	0.95	1	1	2.656824
Type 3_str	BOBJ1	305.69	Before	Left Exterior Girder	47.01	0.95	1	1	4.828833
Type 3_str	BOBJ1	305.69	Before	Interior Girder 1	47.01	0.95	1	1	3.234609
Type 3_str	BOBJ1	305.69	Before	Interior Girder 2	47.01	0.95	1	1	3.103693
Type 3_str	BOBJ1	305.69	Before	Interior Girder 3	47.01	0.95	1	1	2.892205
Type 3_str	BOBJ1	305.69	Before	Interior Girder 4	47.01	0.95	1	1	2.892205
Type 3_str	BOBJ1	305.69	Before	Interior Girder 5	47.01	0.95	1	1	3.103693
Type 3_str	BOBJ1	305.69	Before	Interior Girder 6	47.01	0.95	1	1	3.234609
Type 3_str	BOBJ1	305.69	Before	Right Exterior Girder	47.01	0.95	1	1	4.828833
Type 3_str	BOBJ1	305.69	After	Left Exterior Girder	47.01	0.95	1	1	4.810659
Type 3_str	BOBJ1	305.69	After	Interior Girder 1	47.01	0.95	1	1	3.245777
Type 3_str	BOBJ1	305.69	After	Interior Girder 2	47.01	0.95	1	1	3.050923

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelINonCompStrgth-Flx - Approach, Span 7-11									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Type 3_str	BOBJ1	305.69	After	Interior Girder 3	47.01	0.95	1	1	2.795071
Type 3_str	BOBJ1	305.69	After	Interior Girder 4	47.01	0.95	1	1	2.795071
Type 3_str	BOBJ1	305.69	After	Interior Girder 5	47.01	0.95	1	1	3.050923
Type 3_str	BOBJ1	305.69	After	Interior Girder 6	47.01	0.95	1	1	3.245777
Type 3_str	BOBJ1	305.69	After	Right Exterior Girder	47.01	0.95	1	1	4.810659
Type 3_str	BOBJ1	315.1	Before	Left Exterior Girder	56.42	0.95	1	1	388.422333
Type 3_str	BOBJ1	315.1	Before	Interior Girder 1	56.42	0.95	1	1	330.767729
Type 3_str	BOBJ1	315.1	Before	Interior Girder 2	56.42	0.95	1	1	243.549997
Type 3_str	BOBJ1	315.1	Before	Interior Girder 3	56.42	0.95	1	1	181.340379
Type 3_str	BOBJ1	315.1	Before	Interior Girder 4	56.42	0.95	1	1	181.340378
Type 3_str	BOBJ1	315.1	Before	Interior Girder 5	56.42	0.95	1	1	243.549997
Type 3_str	BOBJ1	315.1	Before	Interior Girder 6	56.42	0.95	1	1	330.767728
Type 3_str	BOBJ1	315.1	Before	Right Exterior Girder	56.42	0.95	1	1	388.422335
Type 3S2_str	BOBJ1	0	After	Left Exterior Girder	0	0.95	1	1	323.99814
Type 3S2_str	BOBJ1	0	After	Interior Girder 1	0	0.95	1	1	273.219227
Type 3S2_str	BOBJ1	0	After	Interior Girder 2	0	0.95	1	1	260.881756
Type 3S2_str	BOBJ1	0	After	Interior Girder 3	0	0.95	1	1	181.693252
Type 3S2_str	BOBJ1	0	After	Interior Girder 4	0	0.95	1	1	181.693252
Type 3S2_str	BOBJ1	0	After	Interior Girder 5	0	0.95	1	1	260.881756
Type 3S2_str	BOBJ1	0	After	Interior Girder 6	0	0.95	1	1	273.219231
Type 3S2_str	BOBJ1	0	After	Right Exterior Girder	0	0.95	1	1	323.99814
Type 3S2_str	BOBJ1	9.4	Before	Left Exterior Girder	9.4	0.95	1	1	4.763693
Type 3S2_str	BOBJ1	9.4	Before	Interior Girder 1	9.4	0.95	1	1	3.377998
Type 3S2_str	BOBJ1	9.4	Before	Interior Girder 2	9.4	0.95	1	1	3.193684
Type 3S2_str	BOBJ1	9.4	Before	Interior Girder 3	9.4	0.95	1	1	2.962302
Type 3S2_str	BOBJ1	9.4	Before	Interior Girder 4	9.4	0.95	1	1	2.962302
Type 3S2_str	BOBJ1	9.4	Before	Interior Girder 5	9.4	0.95	1	1	3.193684
Type 3S2_str	BOBJ1	9.4	Before	Interior Girder 6	9.4	0.95	1	1	3.377998
Type 3S2_str	BOBJ1	9.4	Before	Right Exterior Girder	9.4	0.95	1	1	4.763693
Type 3S2_str	BOBJ1	9.4	After	Left Exterior Girder	9.4	0.95	1	1	4.81998
Type 3S2_str	BOBJ1	9.4	After	Interior Girder 1	9.4	0.95	1	1	3.343868
Type 3S2_str	BOBJ1	9.4	After	Interior Girder 2	9.4	0.95	1	1	3.246837
Type 3S2_str	BOBJ1	9.4	After	Interior Girder 3	9.4	0.95	1	1	3.058671
Type 3S2_str	BOBJ1	9.4	After	Interior Girder 4	9.4	0.95	1	1	3.058671
Type 3S2_str	BOBJ1	9.4	After	Interior Girder 5	9.4	0.95	1	1	3.246837
Type 3S2_str	BOBJ1	9.4	After	Interior Girder 6	9.4	0.95	1	1	3.343868
Type 3S2_str	BOBJ1	9.4	After	Right Exterior Girder	9.4	0.95	1	1	4.81998
Type 3S2_str	BOBJ1	18.8	Before	Left Exterior Girder	18.8	0.95	1	1	2.601073
Type 3S2_str	BOBJ1	18.8	Before	Interior Girder 1	18.8	0.95	1	1	2.380371
Type 3S2_str	BOBJ1	18.8	Before	Interior Girder 2	18.8	0.95	1	1	2.266767
Type 3S2_str	BOBJ1	18.8	Before	Interior Girder 3	18.8	0.95	1	1	2.227971
Type 3S2_str	BOBJ1	18.8	Before	Interior Girder 4	18.8	0.95	1	1	2.227971
Type 3S2_str	BOBJ1	18.8	Before	Interior Girder 5	18.8	0.95	1	1	2.266767
Type 3S2_str	BOBJ1	18.8	Before	Interior Girder 6	18.8	0.95	1	1	2.380371
Type 3S2_str	BOBJ1	18.8	Before	Right Exterior Girder	18.8	0.95	1	1	2.601073
Type 3S2_str	BOBJ1	18.8	After	Left Exterior Girder	18.8	0.95	1	1	2.637534
Type 3S2_str	BOBJ1	18.8	After	Interior Girder 1	18.8	0.95	1	1	2.353715
Type 3S2_str	BOBJ1	18.8	After	Interior Girder 2	18.8	0.95	1	1	2.272305
Type 3S2_str	BOBJ1	18.8	After	Interior Girder 3	18.8	0.95	1	1	2.248108
Type 3S2_str	BOBJ1	18.8	After	Interior Girder 4	18.8	0.95	1	1	2.248108
Type 3S2_str	BOBJ1	18.8	After	Interior Girder 5	18.8	0.95	1	1	2.272305
Type 3S2_str	BOBJ1	18.8	After	Interior Girder 6	18.8	0.95	1	1	2.353715
Type 3S2_str	BOBJ1	18.8	After	Right Exterior Girder	18.8	0.95	1	1	2.637534
Type 3S2_str	BOBJ1	28.2	Before	Left Exterior Girder	28.2	0.95	1	1	2.951403
Type 3S2_str	BOBJ1	28.2	Before	Interior Girder 1	28.2	0.95	1	1	2.341011
Type 3S2_str	BOBJ1	28.2	Before	Interior Girder 2	28.2	0.95	1	1	2.263056
Type 3S2_str	BOBJ1	28.2	Before	Interior Girder 3	28.2	0.95	1	1	2.163941
Type 3S2_str	BOBJ1	28.2	Before	Interior Girder 4	28.2	0.95	1	1	2.163941
Type 3S2_str	BOBJ1	28.2	Before	Interior Girder 5	28.2	0.95	1	1	2.263056
Type 3S2_str	BOBJ1	28.2	Before	Interior Girder 6	28.2	0.95	1	1	2.341011
Type 3S2_str	BOBJ1	28.2	Before	Right Exterior Girder	28.2	0.95	1	1	2.951403
Type 3S2_str	BOBJ1	28.2	After	Left Exterior Girder	28.2	0.95	1	1	2.929311
Type 3S2_str	BOBJ1	28.2	After	Interior Girder 1	28.2	0.95	1	1	2.356389
Type 3S2_str	BOBJ1	28.2	After	Interior Girder 2	28.2	0.95	1	1	2.270103
Type 3S2_str	BOBJ1	28.2	After	Interior Girder 3	28.2	0.95	1	1	2.161416

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelINonCompStrgth-Flx - Approach, Span 7-11									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Type 3S2_str	BOBJ1	28.2	After	Interior Girder 4	28.2	0.95	1	1	2.161416
Type 3S2_str	BOBJ1	28.2	After	Interior Girder 5	28.2	0.95	1	1	2.270103
Type 3S2_str	BOBJ1	28.2	After	Interior Girder 6	28.2	0.95	1	1	2.356389
Type 3S2_str	BOBJ1	28.2	After	Right Exterior Girder	28.2	0.95	1	1	2.929311
Type 3S2_str	BOBJ1	37.6	Before	Left Exterior Girder	37.6	0.95	1	1	4.157198
Type 3S2_str	BOBJ1	37.6	Before	Interior Girder 1	37.6	0.95	1	1	3.509064
Type 3S2_str	BOBJ1	37.6	Before	Interior Girder 2	37.6	0.95	1	1	3.29835
Type 3S2_str	BOBJ1	37.6	Before	Interior Girder 3	37.6	0.95	1	1	3.247011
Type 3S2_str	BOBJ1	37.6	Before	Interior Girder 4	37.6	0.95	1	1	3.247011
Type 3S2_str	BOBJ1	37.6	Before	Interior Girder 5	37.6	0.95	1	1	3.29835
Type 3S2_str	BOBJ1	37.6	Before	Interior Girder 6	37.6	0.95	1	1	3.509064
Type 3S2_str	BOBJ1	37.6	Before	Right Exterior Girder	37.6	0.95	1	1	4.157198
Type 3S2_str	BOBJ1	37.6	After	Left Exterior Girder	37.6	0.95	1	1	4.05092
Type 3S2_str	BOBJ1	37.6	After	Interior Girder 1	37.6	0.95	1	1	3.584437
Type 3S2_str	BOBJ1	37.6	After	Interior Girder 2	37.6	0.95	1	1	3.295869
Type 3S2_str	BOBJ1	37.6	After	Interior Girder 3	37.6	0.95	1	1	3.191521
Type 3S2_str	BOBJ1	37.6	After	Interior Girder 4	37.6	0.95	1	1	3.191521
Type 3S2_str	BOBJ1	37.6	After	Interior Girder 5	37.6	0.95	1	1	3.295869
Type 3S2_str	BOBJ1	37.6	After	Interior Girder 6	37.6	0.95	1	1	3.584437
Type 3S2_str	BOBJ1	37.6	After	Right Exterior Girder	37.6	0.95	1	1	4.05092
Type 3S2_str	BOBJ1	47.01	Before	Left Exterior Girder	47.01	0.95	1	1	3.749994
Type 3S2_str	BOBJ1	47.01	Before	Interior Girder 1	47.01	0.95	1	1	3.950024
Type 3S2_str	BOBJ1	47.01	Before	Interior Girder 2	47.01	0.95	1	1	3.944447
Type 3S2_str	BOBJ1	47.01	Before	Interior Girder 3	47.01	0.95	1	1	3.842229
Type 3S2_str	BOBJ1	47.01	Before	Interior Girder 4	47.01	0.95	1	1	3.842229
Type 3S2_str	BOBJ1	47.01	Before	Interior Girder 5	47.01	0.95	1	1	3.944447
Type 3S2_str	BOBJ1	47.01	Before	Interior Girder 6	47.01	0.95	1	1	3.950024
Type 3S2_str	BOBJ1	47.01	Before	Right Exterior Girder	47.01	0.95	1	1	3.749994
Type 3S2_str	BOBJ1	47.01	After	Left Exterior Girder	47.01	0.95	1	1	3.851842
Type 3S2_str	BOBJ1	47.01	After	Interior Girder 1	47.01	0.95	1	1	3.871107
Type 3S2_str	BOBJ1	47.01	After	Interior Girder 2	47.01	0.95	1	1	3.891383
Type 3S2_str	BOBJ1	47.01	After	Interior Girder 3	47.01	0.95	1	1	3.830781
Type 3S2_str	BOBJ1	47.01	After	Interior Girder 4	47.01	0.95	1	1	3.830781
Type 3S2_str	BOBJ1	47.01	After	Interior Girder 5	47.01	0.95	1	1	3.891383
Type 3S2_str	BOBJ1	47.01	After	Interior Girder 6	47.01	0.95	1	1	3.871107
Type 3S2_str	BOBJ1	47.01	After	Right Exterior Girder	47.01	0.95	1	1	3.851842
Type 3S2_str	BOBJ1	49.42	Before	Left Exterior Girder	49.42	0.95	1	1	3.114304
Type 3S2_str	BOBJ1	49.42	Before	Right Exterior Girder	49.42	0.95	1	1	3.114304
Type 3S2_str	BOBJ1	49.42	After	Left Exterior Girder	49.42	0.95	1	1	5.655333
Type 3S2_str	BOBJ1	49.42	After	Right Exterior Girder	49.42	0.95	1	1	5.655333
Type 3S2_str	BOBJ1	51.92	Before	Interior Girder 1	51.92	0.95	1	1	2.833497
Type 3S2_str	BOBJ1	51.92	Before	Interior Girder 2	51.92	0.95	1	1	2.87033
Type 3S2_str	BOBJ1	51.92	Before	Interior Girder 3	51.92	0.95	1	1	2.651879
Type 3S2_str	BOBJ1	51.92	Before	Interior Girder 4	51.92	0.95	1	1	2.651879
Type 3S2_str	BOBJ1	51.92	Before	Interior Girder 5	51.92	0.95	1	1	2.87033
Type 3S2_str	BOBJ1	51.92	Before	Interior Girder 6	51.92	0.95	1	1	2.833497
Type 3S2_str	BOBJ1	51.92	After	Interior Girder 1	51.92	0.95	1	1	3.542758
Type 3S2_str	BOBJ1	51.92	After	Interior Girder 2	51.92	0.95	1	1	3.50838
Type 3S2_str	BOBJ1	51.92	After	Interior Girder 3	51.92	0.95	1	1	3.281756
Type 3S2_str	BOBJ1	51.92	After	Interior Girder 4	51.92	0.95	1	1	3.281756
Type 3S2_str	BOBJ1	51.92	After	Interior Girder 5	51.92	0.95	1	1	3.50838
Type 3S2_str	BOBJ1	51.92	After	Interior Girder 6	51.92	0.95	1	1	3.542758
Type 3S2_str	BOBJ1	56.42	Before	Left Exterior Girder	56.42	0.95	1	1	3.524175
Type 3S2_str	BOBJ1	56.42	Before	Interior Girder 1	56.42	0.95	1	1	2.233077
Type 3S2_str	BOBJ1	56.42	Before	Interior Girder 2	56.42	0.95	1	1	2.176197
Type 3S2_str	BOBJ1	56.42	Before	Interior Girder 3	56.42	0.95	1	1	1.699895
Type 3S2_str	BOBJ1	56.42	Before	Interior Girder 4	56.42	0.95	1	1	1.699895
Type 3S2_str	BOBJ1	56.42	Before	Interior Girder 5	56.42	0.95	1	1	2.176197
Type 3S2_str	BOBJ1	56.42	Before	Interior Girder 6	56.42	0.95	1	1	2.233077
Type 3S2_str	BOBJ1	56.42	Before	Right Exterior Girder	56.42	0.95	1	1	3.524175
Type 3S2_str	BOBJ1	56.42	After	Left Exterior Girder	0	0.95	1	1	3.682307
Type 3S2_str	BOBJ1	56.42	After	Interior Girder 1	0	0.95	1	1	2.34365
Type 3S2_str	BOBJ1	56.42	After	Interior Girder 2	0	0.95	1	1	2.309545
Type 3S2_str	BOBJ1	56.42	After	Interior Girder 3	0	0.95	1	1	1.819976
Type 3S2_str	BOBJ1	56.42	After	Interior Girder 4	0	0.95	1	1	1.819976

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelINonCompStrgth-Flx - Approach, Span 7-11									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Type 3S2_str	BOBJ1	56.42	After	Interior Girder 5	0	0.95	1	1	2.309545
Type 3S2_str	BOBJ1	56.42	After	Interior Girder 6	0	0.95	1	1	2.34365
Type 3S2_str	BOBJ1	56.42	After	Right Exterior Girder	0	0.95	1	1	3.682307
Type 3S2_str	BOBJ1	60.92	Before	Interior Girder 1	4.5	0.95	1	1	4.470756
Type 3S2_str	BOBJ1	60.92	Before	Interior Girder 2	4.5	0.95	1	1	4.300278
Type 3S2_str	BOBJ1	60.92	Before	Interior Girder 3	4.5	0.95	1	1	3.847205
Type 3S2_str	BOBJ1	60.92	Before	Interior Girder 4	4.5	0.95	1	1	3.847205
Type 3S2_str	BOBJ1	60.92	Before	Interior Girder 5	4.5	0.95	1	1	4.300278
Type 3S2_str	BOBJ1	60.92	Before	Interior Girder 6	4.5	0.95	1	1	4.470756
Type 3S2_str	BOBJ1	60.92	After	Interior Girder 1	4.5	0.95	1	1	3.582082
Type 3S2_str	BOBJ1	60.92	After	Interior Girder 2	4.5	0.95	1	1	3.529331
Type 3S2_str	BOBJ1	60.92	After	Interior Girder 3	4.5	0.95	1	1	3.086602
Type 3S2_str	BOBJ1	60.92	After	Interior Girder 4	4.5	0.95	1	1	3.086602
Type 3S2_str	BOBJ1	60.92	After	Interior Girder 5	4.5	0.95	1	1	3.529331
Type 3S2_str	BOBJ1	60.92	After	Interior Girder 6	4.5	0.95	1	1	3.582082
Type 3S2_str	BOBJ1	63.42	Before	Left Exterior Girder	7	0.95	1	1	7.626692
Type 3S2_str	BOBJ1	63.42	Before	Right Exterior Girder	7	0.95	1	1	7.626692
Type 3S2_str	BOBJ1	63.42	After	Left Exterior Girder	7	0.95	1	1	4.187664
Type 3S2_str	BOBJ1	63.42	After	Right Exterior Girder	7	0.95	1	1	4.187664
Type 3S2_str	BOBJ1	64.845	Before	Left Exterior Girder	8.425	0.95	1	1	4.720442
Type 3S2_str	BOBJ1	64.845	Before	Interior Girder 1	8.425	0.95	1	1	4.62566
Type 3S2_str	BOBJ1	64.845	Before	Interior Girder 2	8.425	0.95	1	1	4.486983
Type 3S2_str	BOBJ1	64.845	Before	Interior Girder 3	8.425	0.95	1	1	4.305673
Type 3S2_str	BOBJ1	64.845	Before	Interior Girder 4	8.425	0.95	1	1	4.305673
Type 3S2_str	BOBJ1	64.845	Before	Interior Girder 5	8.425	0.95	1	1	4.486983
Type 3S2_str	BOBJ1	64.845	Before	Interior Girder 6	8.425	0.95	1	1	4.62566
Type 3S2_str	BOBJ1	64.845	Before	Right Exterior Girder	8.425	0.95	1	1	4.720442
Type 3S2_str	BOBJ1	64.845	After	Left Exterior Girder	8.425	0.95	1	1	4.657065
Type 3S2_str	BOBJ1	64.845	After	Interior Girder 1	8.425	0.95	1	1	4.69069
Type 3S2_str	BOBJ1	64.845	After	Interior Girder 2	8.425	0.95	1	1	4.540951
Type 3S2_str	BOBJ1	64.845	After	Interior Girder 3	8.425	0.95	1	1	4.332191
Type 3S2_str	BOBJ1	64.845	After	Interior Girder 4	8.425	0.95	1	1	4.332191
Type 3S2_str	BOBJ1	64.845	After	Interior Girder 5	8.425	0.95	1	1	4.540951
Type 3S2_str	BOBJ1	64.845	After	Interior Girder 6	8.425	0.95	1	1	4.69069
Type 3S2_str	BOBJ1	64.845	After	Right Exterior Girder	8.425	0.95	1	1	4.657065
Type 3S2_str	BOBJ1	69.92	Before	Left Exterior Girder	13.5	0.95	1	1	6.582379
Type 3S2_str	BOBJ1	69.92	Before	Interior Girder 1	13.5	0.95	1	1	6.071336
Type 3S2_str	BOBJ1	69.92	Before	Interior Girder 2	13.5	0.95	1	1	5.450549
Type 3S2_str	BOBJ1	69.92	Before	Interior Girder 3	13.5	0.95	1	1	5.298487
Type 3S2_str	BOBJ1	69.92	Before	Interior Girder 4	13.5	0.95	1	1	5.298487
Type 3S2_str	BOBJ1	69.92	Before	Interior Girder 5	13.5	0.95	1	1	5.450549
Type 3S2_str	BOBJ1	69.92	Before	Interior Girder 6	13.5	0.95	1	1	6.071336
Type 3S2_str	BOBJ1	69.92	Before	Right Exterior Girder	13.5	0.95	1	1	6.582379
Type 3S2_str	BOBJ1	69.92	After	Left Exterior Girder	13.5	0.95	1	1	5.621884
Type 3S2_str	BOBJ1	69.92	After	Interior Girder 1	13.5	0.95	1	1	5.670974
Type 3S2_str	BOBJ1	69.92	After	Interior Girder 2	13.5	0.95	1	1	5.124897
Type 3S2_str	BOBJ1	69.92	After	Interior Girder 3	13.5	0.95	1	1	5.021942
Type 3S2_str	BOBJ1	69.92	After	Interior Girder 4	13.5	0.95	1	1	5.021942
Type 3S2_str	BOBJ1	69.92	After	Interior Girder 5	13.5	0.95	1	1	5.124897
Type 3S2_str	BOBJ1	69.92	After	Interior Girder 6	13.5	0.95	1	1	5.670974
Type 3S2_str	BOBJ1	69.92	After	Right Exterior Girder	13.5	0.95	1	1	5.621884
Type 3S2_str	BOBJ1	73.27	Before	Left Exterior Girder	16.85	0.95	1	1	4.93508
Type 3S2_str	BOBJ1	73.27	Before	Interior Girder 1	16.85	0.95	1	1	4.289932
Type 3S2_str	BOBJ1	73.27	Before	Interior Girder 2	16.85	0.95	1	1	3.923013
Type 3S2_str	BOBJ1	73.27	Before	Interior Girder 3	16.85	0.95	1	1	3.827864
Type 3S2_str	BOBJ1	73.27	Before	Interior Girder 4	16.85	0.95	1	1	3.827864
Type 3S2_str	BOBJ1	73.27	Before	Interior Girder 5	16.85	0.95	1	1	3.923013
Type 3S2_str	BOBJ1	73.27	Before	Interior Girder 6	16.85	0.95	1	1	4.289932
Type 3S2_str	BOBJ1	73.27	Before	Right Exterior Girder	16.85	0.95	1	1	4.93508
Type 3S2_str	BOBJ1	73.27	After	Left Exterior Girder	16.85	0.95	1	1	5.048806
Type 3S2_str	BOBJ1	73.27	After	Interior Girder 1	16.85	0.95	1	1	4.194776
Type 3S2_str	BOBJ1	73.27	After	Interior Girder 2	16.85	0.95	1	1	3.896628
Type 3S2_str	BOBJ1	73.27	After	Interior Girder 3	16.85	0.95	1	1	3.861186
Type 3S2_str	BOBJ1	73.27	After	Interior Girder 4	16.85	0.95	1	1	3.861186
Type 3S2_str	BOBJ1	73.27	After	Interior Girder 5	16.85	0.95	1	1	3.896628

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelINonCompStrgth-Flx - Approach, Span 7-11									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Type 3S2_str	BOBJ1	73.27	After	Interior Girder 6	16.85	0.95	1	1	4.194776
Type 3S2_str	BOBJ1	73.27	After	Right Exterior Girder	16.85	0.95	1	1	5.048806
Type 3S2_str	BOBJ1	81.695	Before	Left Exterior Girder	25.275	0.95	1	1	2.88218
Type 3S2_str	BOBJ1	81.695	Before	Interior Girder 1	25.275	0.95	1	1	2.46333
Type 3S2_str	BOBJ1	81.695	Before	Interior Girder 2	25.275	0.95	1	1	2.376567
Type 3S2_str	BOBJ1	81.695	Before	Interior Girder 3	25.275	0.95	1	1	2.299378
Type 3S2_str	BOBJ1	81.695	Before	Interior Girder 4	25.275	0.95	1	1	2.299378
Type 3S2_str	BOBJ1	81.695	Before	Interior Girder 5	25.275	0.95	1	1	2.376567
Type 3S2_str	BOBJ1	81.695	Before	Interior Girder 6	25.275	0.95	1	1	2.46333
Type 3S2_str	BOBJ1	81.695	Before	Right Exterior Girder	25.275	0.95	1	1	2.88218
Type 3S2_str	BOBJ1	81.695	After	Left Exterior Girder	25.275	0.95	1	1	2.947911
Type 3S2_str	BOBJ1	81.695	After	Interior Girder 1	25.275	0.95	1	1	2.430692
Type 3S2_str	BOBJ1	81.695	After	Interior Girder 2	25.275	0.95	1	1	2.373154
Type 3S2_str	BOBJ1	81.695	After	Interior Girder 3	25.275	0.95	1	1	2.324257
Type 3S2_str	BOBJ1	81.695	After	Interior Girder 4	25.275	0.95	1	1	2.324257
Type 3S2_str	BOBJ1	81.695	After	Interior Girder 5	25.275	0.95	1	1	2.373154
Type 3S2_str	BOBJ1	81.695	After	Interior Girder 6	25.275	0.95	1	1	2.430692
Type 3S2_str	BOBJ1	81.695	After	Right Exterior Girder	25.275	0.95	1	1	2.947911
Type 3S2_str	BOBJ1	90.12	Before	Left Exterior Girder	33.7	0.95	1	1	2.335926
Type 3S2_str	BOBJ1	90.12	Before	Interior Girder 1	33.7	0.95	1	1	2.272217
Type 3S2_str	BOBJ1	90.12	Before	Interior Girder 2	33.7	0.95	1	1	2.247334
Type 3S2_str	BOBJ1	90.12	Before	Interior Girder 3	33.7	0.95	1	1	2.228897
Type 3S2_str	BOBJ1	90.12	Before	Interior Girder 4	33.7	0.95	1	1	2.228897
Type 3S2_str	BOBJ1	90.12	Before	Interior Girder 5	33.7	0.95	1	1	2.247334
Type 3S2_str	BOBJ1	90.12	Before	Interior Girder 6	33.7	0.95	1	1	2.272217
Type 3S2_str	BOBJ1	90.12	Before	Right Exterior Girder	33.7	0.95	1	1	2.335926
Type 3S2_str	BOBJ1	90.12	After	Left Exterior Girder	33.7	0.95	1	1	2.339369
Type 3S2_str	BOBJ1	90.12	After	Interior Girder 1	33.7	0.95	1	1	2.269993
Type 3S2_str	BOBJ1	90.12	After	Interior Girder 2	33.7	0.95	1	1	2.24433
Type 3S2_str	BOBJ1	90.12	After	Interior Girder 3	33.7	0.95	1	1	2.22658
Type 3S2_str	BOBJ1	90.12	After	Interior Girder 4	33.7	0.95	1	1	2.22658
Type 3S2_str	BOBJ1	90.12	After	Interior Girder 5	33.7	0.95	1	1	2.24433
Type 3S2_str	BOBJ1	90.12	After	Interior Girder 6	33.7	0.95	1	1	2.269993
Type 3S2_str	BOBJ1	90.12	After	Right Exterior Girder	33.7	0.95	1	1	2.339369
Type 3S2_str	BOBJ1	98.545	Before	Left Exterior Girder	42.125	0.95	1	1	2.865194
Type 3S2_str	BOBJ1	98.545	Before	Interior Girder 1	42.125	0.95	1	1	2.394806
Type 3S2_str	BOBJ1	98.545	Before	Interior Girder 2	42.125	0.95	1	1	2.34821
Type 3S2_str	BOBJ1	98.545	Before	Interior Girder 3	42.125	0.95	1	1	2.30292
Type 3S2_str	BOBJ1	98.545	Before	Interior Girder 4	42.125	0.95	1	1	2.30292
Type 3S2_str	BOBJ1	98.545	Before	Interior Girder 5	42.125	0.95	1	1	2.34821
Type 3S2_str	BOBJ1	98.545	Before	Interior Girder 6	42.125	0.95	1	1	2.394806
Type 3S2_str	BOBJ1	98.545	Before	Right Exterior Girder	42.125	0.95	1	1	2.865194
Type 3S2_str	BOBJ1	98.545	After	Left Exterior Girder	42.125	0.95	1	1	2.81044
Type 3S2_str	BOBJ1	98.545	After	Interior Girder 1	42.125	0.95	1	1	2.42421
Type 3S2_str	BOBJ1	98.545	After	Interior Girder 2	42.125	0.95	1	1	2.348099
Type 3S2_str	BOBJ1	98.545	After	Interior Girder 3	42.125	0.95	1	1	2.276431
Type 3S2_str	BOBJ1	98.545	After	Interior Girder 4	42.125	0.95	1	1	2.276431
Type 3S2_str	BOBJ1	98.545	After	Interior Girder 5	42.125	0.95	1	1	2.348099
Type 3S2_str	BOBJ1	98.545	After	Interior Girder 6	42.125	0.95	1	1	2.42421
Type 3S2_str	BOBJ1	98.545	After	Right Exterior Girder	42.125	0.95	1	1	2.81044
Type 3S2_str	BOBJ1	106.97	Before	Left Exterior Girder	50.55	0.95	1	1	4.727867
Type 3S2_str	BOBJ1	106.97	Before	Interior Girder 1	50.55	0.95	1	1	4.047694
Type 3S2_str	BOBJ1	106.97	Before	Interior Girder 2	50.55	0.95	1	1	3.813536
Type 3S2_str	BOBJ1	106.97	Before	Interior Girder 3	50.55	0.95	1	1	3.791432
Type 3S2_str	BOBJ1	106.97	Before	Interior Girder 4	50.55	0.95	1	1	3.791432
Type 3S2_str	BOBJ1	106.97	Before	Interior Girder 5	50.55	0.95	1	1	3.813536
Type 3S2_str	BOBJ1	106.97	Before	Interior Girder 6	50.55	0.95	1	1	4.047694
Type 3S2_str	BOBJ1	106.97	Before	Right Exterior Girder	50.55	0.95	1	1	4.727867
Type 3S2_str	BOBJ1	106.97	After	Left Exterior Girder	50.55	0.95	1	1	4.614049
Type 3S2_str	BOBJ1	106.97	After	Interior Girder 1	50.55	0.95	1	1	4.143294
Type 3S2_str	BOBJ1	106.97	After	Interior Girder 2	50.55	0.95	1	1	3.814456
Type 3S2_str	BOBJ1	106.97	After	Interior Girder 3	50.55	0.95	1	1	3.715692
Type 3S2_str	BOBJ1	106.97	After	Interior Girder 4	50.55	0.95	1	1	3.715692
Type 3S2_str	BOBJ1	106.97	After	Interior Girder 5	50.55	0.95	1	1	3.814456
Type 3S2_str	BOBJ1	106.97	After	Interior Girder 6	50.55	0.95	1	1	4.143294

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelINonCompStrgth-Flx - Approach, Span 7-11									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Type 3S2_str	BOBJ1	106.97	After	Right Exterior Girder	50.55	0.95	1	1	4.614049
Type 3S2_str	BOBJ1	115.405	Before	Left Exterior Girder	58.985	0.95	1	1	3.263173
Type 3S2_str	BOBJ1	115.405	Before	Interior Girder 1	58.985	0.95	1	1	3.669083
Type 3S2_str	BOBJ1	115.405	Before	Interior Girder 2	58.985	0.95	1	1	3.673817
Type 3S2_str	BOBJ1	115.405	Before	Interior Girder 3	58.985	0.95	1	1	3.555401
Type 3S2_str	BOBJ1	115.405	Before	Interior Girder 4	58.985	0.95	1	1	3.555401
Type 3S2_str	BOBJ1	115.405	Before	Interior Girder 5	58.985	0.95	1	1	3.673817
Type 3S2_str	BOBJ1	115.405	Before	Interior Girder 6	58.985	0.95	1	1	3.669083
Type 3S2_str	BOBJ1	115.405	Before	Right Exterior Girder	58.985	0.95	1	1	3.263173
Type 3S2_str	BOBJ1	115.405	After	Left Exterior Girder	58.985	0.95	1	1	3.363526
Type 3S2_str	BOBJ1	115.405	After	Interior Girder 1	58.985	0.95	1	1	3.587606
Type 3S2_str	BOBJ1	115.405	After	Interior Girder 2	58.985	0.95	1	1	3.633065
Type 3S2_str	BOBJ1	115.405	After	Interior Girder 3	58.985	0.95	1	1	3.548836
Type 3S2_str	BOBJ1	115.405	After	Interior Girder 4	58.985	0.95	1	1	3.548836
Type 3S2_str	BOBJ1	115.405	After	Interior Girder 5	58.985	0.95	1	1	3.633065
Type 3S2_str	BOBJ1	115.405	After	Interior Girder 6	58.985	0.95	1	1	3.587606
Type 3S2_str	BOBJ1	115.405	After	Right Exterior Girder	58.985	0.95	1	1	3.363526
Type 3S2_str	BOBJ1	116.34	Before	Left Exterior Girder	59.92	0.95	1	1	3.040123
Type 3S2_str	BOBJ1	116.34	Before	Right Exterior Girder	59.92	0.95	1	1	3.040123
Type 3S2_str	BOBJ1	116.34	After	Left Exterior Girder	59.92	0.95	1	1	6.370699
Type 3S2_str	BOBJ1	116.34	After	Right Exterior Girder	59.92	0.95	1	1	6.370699
Type 3S2_str	BOBJ1	118.84	Before	Interior Girder 1	62.42	0.95	1	1	2.886668
Type 3S2_str	BOBJ1	118.84	Before	Interior Girder 2	62.42	0.95	1	1	2.927689
Type 3S2_str	BOBJ1	118.84	Before	Interior Girder 3	62.42	0.95	1	1	2.714883
Type 3S2_str	BOBJ1	118.84	Before	Interior Girder 4	62.42	0.95	1	1	2.714883
Type 3S2_str	BOBJ1	118.84	Before	Interior Girder 5	62.42	0.95	1	1	2.927689
Type 3S2_str	BOBJ1	118.84	Before	Interior Girder 6	62.42	0.95	1	1	2.886668
Type 3S2_str	BOBJ1	118.84	After	Interior Girder 1	62.42	0.95	1	1	4.152055
Type 3S2_str	BOBJ1	118.84	After	Interior Girder 2	62.42	0.95	1	1	4.103091
Type 3S2_str	BOBJ1	118.84	After	Interior Girder 3	62.42	0.95	1	1	3.860565
Type 3S2_str	BOBJ1	118.84	After	Interior Girder 4	62.42	0.95	1	1	3.860565
Type 3S2_str	BOBJ1	118.84	After	Interior Girder 5	62.42	0.95	1	1	4.103091
Type 3S2_str	BOBJ1	118.84	After	Interior Girder 6	62.42	0.95	1	1	4.152055
Type 3S2_str	BOBJ1	123.84	Before	Left Exterior Girder	67.42	0.95	1	1	3.71723
Type 3S2_str	BOBJ1	123.84	Before	Interior Girder 1	67.42	0.95	1	1	2.530943
Type 3S2_str	BOBJ1	123.84	Before	Interior Girder 2	67.42	0.95	1	1	2.506046
Type 3S2_str	BOBJ1	123.84	Before	Interior Girder 3	67.42	0.95	1	1	1.970856
Type 3S2_str	BOBJ1	123.84	Before	Interior Girder 4	67.42	0.95	1	1	1.970856
Type 3S2_str	BOBJ1	123.84	Before	Interior Girder 5	67.42	0.95	1	1	2.506046
Type 3S2_str	BOBJ1	123.84	Before	Interior Girder 6	67.42	0.95	1	1	2.530943
Type 3S2_str	BOBJ1	123.84	Before	Right Exterior Girder	67.42	0.95	1	1	3.71723
Type 3S2_str	BOBJ1	123.84	After	Left Exterior Girder	0	0.95	1	1	3.726296
Type 3S2_str	BOBJ1	123.84	After	Interior Girder 1	0	0.95	1	1	2.530865
Type 3S2_str	BOBJ1	123.84	After	Interior Girder 2	0	0.95	1	1	2.521151
Type 3S2_str	BOBJ1	123.84	After	Interior Girder 3	0	0.95	1	1	1.976505
Type 3S2_str	BOBJ1	123.84	After	Interior Girder 4	0	0.95	1	1	1.976505
Type 3S2_str	BOBJ1	123.84	After	Interior Girder 5	0	0.95	1	1	2.521151
Type 3S2_str	BOBJ1	123.84	After	Interior Girder 6	0	0.95	1	1	2.530865
Type 3S2_str	BOBJ1	123.84	After	Right Exterior Girder	0	0.95	1	1	3.726296
Type 3S2_str	BOBJ1	128.84	Before	Interior Girder 1	5	0.95	1	1	4.258798
Type 3S2_str	BOBJ1	128.84	Before	Interior Girder 2	5	0.95	1	1	4.190596
Type 3S2_str	BOBJ1	128.84	Before	Interior Girder 3	5	0.95	1	1	3.920806
Type 3S2_str	BOBJ1	128.84	Before	Interior Girder 4	5	0.95	1	1	3.920806
Type 3S2_str	BOBJ1	128.84	Before	Interior Girder 5	5	0.95	1	1	4.190596
Type 3S2_str	BOBJ1	128.84	Before	Interior Girder 6	5	0.95	1	1	4.258798
Type 3S2_str	BOBJ1	128.84	After	Interior Girder 1	5	0.95	1	1	2.963394
Type 3S2_str	BOBJ1	128.84	After	Interior Girder 2	5	0.95	1	1	2.992992
Type 3S2_str	BOBJ1	128.84	After	Interior Girder 3	5	0.95	1	1	2.76063
Type 3S2_str	BOBJ1	128.84	After	Interior Girder 4	5	0.95	1	1	2.76063
Type 3S2_str	BOBJ1	128.84	After	Interior Girder 5	5	0.95	1	1	2.992992
Type 3S2_str	BOBJ1	128.84	After	Interior Girder 6	5	0.95	1	1	2.963394
Type 3S2_str	BOBJ1	131.34	Before	Left Exterior Girder	7.5	0.95	1	1	6.576127
Type 3S2_str	BOBJ1	131.34	Before	Right Exterior Girder	7.5	0.95	1	1	6.576127
Type 3S2_str	BOBJ1	131.34	After	Left Exterior Girder	7.5	0.95	1	1	3.142089
Type 3S2_str	BOBJ1	131.34	After	Right Exterior Girder	7.5	0.95	1	1	3.142089

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelINonCompStrgth-Flx - Approach, Span 7-11									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Type 3S2_str	BOBJ1	132.265	Before	Left Exterior Girder	8.425	0.95	1	1	3.456714
Type 3S2_str	BOBJ1	132.265	Before	Interior Girder 1	8.425	0.95	1	1	3.684058
Type 3S2_str	BOBJ1	132.265	Before	Interior Girder 2	8.425	0.95	1	1	3.712167
Type 3S2_str	BOBJ1	132.265	Before	Interior Girder 3	8.425	0.95	1	1	3.616707
Type 3S2_str	BOBJ1	132.265	Before	Interior Girder 4	8.425	0.95	1	1	3.616707
Type 3S2_str	BOBJ1	132.265	Before	Interior Girder 5	8.425	0.95	1	1	3.712167
Type 3S2_str	BOBJ1	132.265	Before	Interior Girder 6	8.425	0.95	1	1	3.684058
Type 3S2_str	BOBJ1	132.265	Before	Right Exterior Girder	8.425	0.95	1	1	3.456714
Type 3S2_str	BOBJ1	132.265	After	Left Exterior Girder	8.425	0.95	1	1	3.353741
Type 3S2_str	BOBJ1	132.265	After	Interior Girder 1	8.425	0.95	1	1	3.766648
Type 3S2_str	BOBJ1	132.265	After	Interior Girder 2	8.425	0.95	1	1	3.754482
Type 3S2_str	BOBJ1	132.265	After	Interior Girder 3	8.425	0.95	1	1	3.625605
Type 3S2_str	BOBJ1	132.265	After	Interior Girder 4	8.425	0.95	1	1	3.625605
Type 3S2_str	BOBJ1	132.265	After	Interior Girder 5	8.425	0.95	1	1	3.754482
Type 3S2_str	BOBJ1	132.265	After	Interior Girder 6	8.425	0.95	1	1	3.766648
Type 3S2_str	BOBJ1	132.265	After	Right Exterior Girder	8.425	0.95	1	1	3.353741
Type 3S2_str	BOBJ1	140.69	Before	Left Exterior Girder	16.85	0.95	1	1	4.65545
Type 3S2_str	BOBJ1	140.69	Before	Interior Girder 1	16.85	0.95	1	1	4.161409
Type 3S2_str	BOBJ1	140.69	Before	Interior Girder 2	16.85	0.95	1	1	3.82952
Type 3S2_str	BOBJ1	140.69	Before	Interior Girder 3	16.85	0.95	1	1	3.736295
Type 3S2_str	BOBJ1	140.69	Before	Interior Girder 4	16.85	0.95	1	1	3.736295
Type 3S2_str	BOBJ1	140.69	Before	Interior Girder 5	16.85	0.95	1	1	3.82952
Type 3S2_str	BOBJ1	140.69	Before	Interior Girder 6	16.85	0.95	1	1	4.161409
Type 3S2_str	BOBJ1	140.69	Before	Right Exterior Girder	16.85	0.95	1	1	4.65545
Type 3S2_str	BOBJ1	140.69	After	Left Exterior Girder	16.85	0.95	1	1	4.776418
Type 3S2_str	BOBJ1	140.69	After	Interior Girder 1	16.85	0.95	1	1	4.065372
Type 3S2_str	BOBJ1	140.69	After	Interior Girder 2	16.85	0.95	1	1	3.826965
Type 3S2_str	BOBJ1	140.69	After	Interior Girder 3	16.85	0.95	1	1	3.811641
Type 3S2_str	BOBJ1	140.69	After	Interior Girder 4	16.85	0.95	1	1	3.811641
Type 3S2_str	BOBJ1	140.69	After	Interior Girder 5	16.85	0.95	1	1	3.826965
Type 3S2_str	BOBJ1	140.69	After	Interior Girder 6	16.85	0.95	1	1	4.065372
Type 3S2_str	BOBJ1	140.69	After	Right Exterior Girder	16.85	0.95	1	1	4.776418
Type 3S2_str	BOBJ1	149.115	Before	Left Exterior Girder	25.275	0.95	1	1	2.794321
Type 3S2_str	BOBJ1	149.115	Before	Interior Girder 1	25.275	0.95	1	1	2.401061
Type 3S2_str	BOBJ1	149.115	Before	Interior Girder 2	25.275	0.95	1	1	2.33317
Type 3S2_str	BOBJ1	149.115	Before	Interior Girder 3	25.275	0.95	1	1	2.268617
Type 3S2_str	BOBJ1	149.115	Before	Interior Girder 4	25.275	0.95	1	1	2.268617
Type 3S2_str	BOBJ1	149.115	Before	Interior Girder 5	25.275	0.95	1	1	2.33317
Type 3S2_str	BOBJ1	149.115	Before	Interior Girder 6	25.275	0.95	1	1	2.401061
Type 3S2_str	BOBJ1	149.115	Before	Right Exterior Girder	25.275	0.95	1	1	2.794321
Type 3S2_str	BOBJ1	149.115	After	Left Exterior Girder	25.275	0.95	1	1	2.851515
Type 3S2_str	BOBJ1	149.115	After	Interior Girder 1	25.275	0.95	1	1	2.373064
Type 3S2_str	BOBJ1	149.115	After	Interior Girder 2	25.275	0.95	1	1	2.33313
Type 3S2_str	BOBJ1	149.115	After	Interior Girder 3	25.275	0.95	1	1	2.294108
Type 3S2_str	BOBJ1	149.115	After	Interior Girder 4	25.275	0.95	1	1	2.294108
Type 3S2_str	BOBJ1	149.115	After	Interior Girder 5	25.275	0.95	1	1	2.33313
Type 3S2_str	BOBJ1	149.115	After	Interior Girder 6	25.275	0.95	1	1	2.373064
Type 3S2_str	BOBJ1	149.115	After	Right Exterior Girder	25.275	0.95	1	1	2.851515
Type 3S2_str	BOBJ1	157.54	Before	Left Exterior Girder	33.7	0.95	1	1	2.299546
Type 3S2_str	BOBJ1	157.54	Before	Interior Girder 1	33.7	0.95	1	1	2.232138
Type 3S2_str	BOBJ1	157.54	Before	Interior Girder 2	33.7	0.95	1	1	2.222784
Type 3S2_str	BOBJ1	157.54	Before	Interior Girder 3	33.7	0.95	1	1	2.210859
Type 3S2_str	BOBJ1	157.54	Before	Interior Girder 4	33.7	0.95	1	1	2.210859
Type 3S2_str	BOBJ1	157.54	Before	Interior Girder 5	33.7	0.95	1	1	2.222784
Type 3S2_str	BOBJ1	157.54	Before	Interior Girder 6	33.7	0.95	1	1	2.232138
Type 3S2_str	BOBJ1	157.54	Before	Right Exterior Girder	33.7	0.95	1	1	2.299546
Type 3S2_str	BOBJ1	157.54	After	Left Exterior Girder	33.7	0.95	1	1	2.299887
Type 3S2_str	BOBJ1	157.54	After	Interior Girder 1	33.7	0.95	1	1	2.232071
Type 3S2_str	BOBJ1	157.54	After	Interior Girder 2	33.7	0.95	1	1	2.222645
Type 3S2_str	BOBJ1	157.54	After	Interior Girder 3	33.7	0.95	1	1	2.21097
Type 3S2_str	BOBJ1	157.54	After	Interior Girder 4	33.7	0.95	1	1	2.21097
Type 3S2_str	BOBJ1	157.54	After	Interior Girder 5	33.7	0.95	1	1	2.222645
Type 3S2_str	BOBJ1	157.54	After	Interior Girder 6	33.7	0.95	1	1	2.232071
Type 3S2_str	BOBJ1	157.54	After	Right Exterior Girder	33.7	0.95	1	1	2.299887
Type 3S2_str	BOBJ1	165.965	Before	Left Exterior Girder	42.125	0.95	1	1	2.848907

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelINonCompStrgth-Flx - Approach, Span 7-11									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Type 3S2_str	BOBJ1	165.965	Before	Interior Girder 1	42.125	0.95	1	1	2.372077
Type 3S2_str	BOBJ1	165.965	Before	Interior Girder 2	42.125	0.95	1	1	2.332147
Type 3S2_str	BOBJ1	165.965	Before	Interior Girder 3	42.125	0.95	1	1	2.292983
Type 3S2_str	BOBJ1	165.965	Before	Interior Girder 4	42.125	0.95	1	1	2.292983
Type 3S2_str	BOBJ1	165.965	Before	Interior Girder 5	42.125	0.95	1	1	2.332147
Type 3S2_str	BOBJ1	165.965	Before	Interior Girder 6	42.125	0.95	1	1	2.372077
Type 3S2_str	BOBJ1	165.965	Before	Right Exterior Girder	42.125	0.95	1	1	2.848907
Type 3S2_str	BOBJ1	165.965	After	Left Exterior Girder	42.125	0.95	1	1	2.792116
Type 3S2_str	BOBJ1	165.965	After	Interior Girder 1	42.125	0.95	1	1	2.399944
Type 3S2_str	BOBJ1	165.965	After	Interior Girder 2	42.125	0.95	1	1	2.33222
Type 3S2_str	BOBJ1	165.965	After	Interior Girder 3	42.125	0.95	1	1	2.267613
Type 3S2_str	BOBJ1	165.965	After	Interior Girder 4	42.125	0.95	1	1	2.267613
Type 3S2_str	BOBJ1	165.965	After	Interior Girder 5	42.125	0.95	1	1	2.33222
Type 3S2_str	BOBJ1	165.965	After	Interior Girder 6	42.125	0.95	1	1	2.399944
Type 3S2_str	BOBJ1	165.965	After	Right Exterior Girder	42.125	0.95	1	1	2.792116
Type 3S2_str	BOBJ1	174.39	Before	Left Exterior Girder	50.55	0.95	1	1	4.765674
Type 3S2_str	BOBJ1	174.39	Before	Interior Girder 1	50.55	0.95	1	1	4.060061
Type 3S2_str	BOBJ1	174.39	Before	Interior Girder 2	50.55	0.95	1	1	3.822552
Type 3S2_str	BOBJ1	174.39	Before	Interior Girder 3	50.55	0.95	1	1	3.806227
Type 3S2_str	BOBJ1	174.39	Before	Interior Girder 4	50.55	0.95	1	1	3.806227
Type 3S2_str	BOBJ1	174.39	Before	Interior Girder 5	50.55	0.95	1	1	3.822552
Type 3S2_str	BOBJ1	174.39	Before	Interior Girder 6	50.55	0.95	1	1	4.060061
Type 3S2_str	BOBJ1	174.39	Before	Right Exterior Girder	50.55	0.95	1	1	4.765674
Type 3S2_str	BOBJ1	174.39	After	Left Exterior Girder	50.55	0.95	1	1	4.645272
Type 3S2_str	BOBJ1	174.39	After	Interior Girder 1	50.55	0.95	1	1	4.156054
Type 3S2_str	BOBJ1	174.39	After	Interior Girder 2	50.55	0.95	1	1	3.825034
Type 3S2_str	BOBJ1	174.39	After	Interior Girder 3	50.55	0.95	1	1	3.731067
Type 3S2_str	BOBJ1	174.39	After	Interior Girder 4	50.55	0.95	1	1	3.731067
Type 3S2_str	BOBJ1	174.39	After	Interior Girder 5	50.55	0.95	1	1	3.825034
Type 3S2_str	BOBJ1	174.39	After	Interior Girder 6	50.55	0.95	1	1	4.156054
Type 3S2_str	BOBJ1	174.39	After	Right Exterior Girder	50.55	0.95	1	1	4.645272
Type 3S2_str	BOBJ1	182.825	Before	Left Exterior Girder	58.985	0.95	1	1	3.35617
Type 3S2_str	BOBJ1	182.825	Before	Interior Girder 1	58.985	0.95	1	1	3.763049
Type 3S2_str	BOBJ1	182.825	Before	Interior Girder 2	58.985	0.95	1	1	3.750491
Type 3S2_str	BOBJ1	182.825	Before	Interior Girder 3	58.985	0.95	1	1	3.62679
Type 3S2_str	BOBJ1	182.825	Before	Interior Girder 4	58.985	0.95	1	1	3.62679
Type 3S2_str	BOBJ1	182.825	Before	Interior Girder 5	58.985	0.95	1	1	3.750491
Type 3S2_str	BOBJ1	182.825	Before	Interior Girder 6	58.985	0.95	1	1	3.763049
Type 3S2_str	BOBJ1	182.825	Before	Right Exterior Girder	58.985	0.95	1	1	3.35617
Type 3S2_str	BOBJ1	182.825	After	Left Exterior Girder	58.985	0.95	1	1	3.459438
Type 3S2_str	BOBJ1	182.825	After	Interior Girder 1	58.985	0.95	1	1	3.680502
Type 3S2_str	BOBJ1	182.825	After	Interior Girder 2	58.985	0.95	1	1	3.708018
Type 3S2_str	BOBJ1	182.825	After	Interior Girder 3	58.985	0.95	1	1	3.618244
Type 3S2_str	BOBJ1	182.825	After	Interior Girder 4	58.985	0.95	1	1	3.618244
Type 3S2_str	BOBJ1	182.825	After	Interior Girder 5	58.985	0.95	1	1	3.708018
Type 3S2_str	BOBJ1	182.825	After	Interior Girder 6	58.985	0.95	1	1	3.680502
Type 3S2_str	BOBJ1	182.825	After	Right Exterior Girder	58.985	0.95	1	1	3.459438
Type 3S2_str	BOBJ1	183.76	Before	Left Exterior Girder	59.92	0.95	1	1	3.127247
Type 3S2_str	BOBJ1	183.76	Before	Right Exterior Girder	59.92	0.95	1	1	3.127247
Type 3S2_str	BOBJ1	183.76	After	Left Exterior Girder	59.92	0.95	1	1	6.553488
Type 3S2_str	BOBJ1	183.76	After	Right Exterior Girder	59.92	0.95	1	1	6.553488
Type 3S2_str	BOBJ1	186.26	Before	Interior Girder 1	62.42	0.95	1	1	2.956798
Type 3S2_str	BOBJ1	186.26	Before	Interior Girder 2	62.42	0.95	1	1	2.986706
Type 3S2_str	BOBJ1	186.26	Before	Interior Girder 3	62.42	0.95	1	1	2.759798
Type 3S2_str	BOBJ1	186.26	Before	Interior Girder 4	62.42	0.95	1	1	2.759798
Type 3S2_str	BOBJ1	186.26	Before	Interior Girder 5	62.42	0.95	1	1	2.986706
Type 3S2_str	BOBJ1	186.26	Before	Interior Girder 6	62.42	0.95	1	1	2.956798
Type 3S2_str	BOBJ1	186.26	After	Interior Girder 1	62.42	0.95	1	1	4.251274
Type 3S2_str	BOBJ1	186.26	After	Interior Girder 2	62.42	0.95	1	1	4.183
Type 3S2_str	BOBJ1	186.26	After	Interior Girder 3	62.42	0.95	1	1	3.920667
Type 3S2_str	BOBJ1	186.26	After	Interior Girder 4	62.42	0.95	1	1	3.920667
Type 3S2_str	BOBJ1	186.26	After	Interior Girder 5	62.42	0.95	1	1	4.183
Type 3S2_str	BOBJ1	186.26	After	Interior Girder 6	62.42	0.95	1	1	4.251274
Type 3S2_str	BOBJ1	191.26	Before	Left Exterior Girder	67.42	0.95	1	1	3.72814
Type 3S2_str	BOBJ1	191.26	Before	Interior Girder 1	67.42	0.95	1	1	2.523672

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelINonCompStrgth-Flx - Approach, Span 7-11									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Type 3S2_str	BOBJ1	191.26	Before	Interior Girder 2	67.42	0.95	1	1	2.513366
Type 3S2_str	BOBJ1	191.26	Before	Interior Girder 3	67.42	0.95	1	1	1.975569
Type 3S2_str	BOBJ1	191.26	Before	Interior Girder 4	67.42	0.95	1	1	1.975569
Type 3S2_str	BOBJ1	191.26	Before	Interior Girder 5	67.42	0.95	1	1	2.513366
Type 3S2_str	BOBJ1	191.26	Before	Interior Girder 6	67.42	0.95	1	1	2.523672
Type 3S2_str	BOBJ1	191.26	Before	Right Exterior Girder	67.42	0.95	1	1	3.72814
Type 3S2_str	BOBJ1	191.26	After	Left Exterior Girder	0	0.95	1	1	3.709875
Type 3S2_str	BOBJ1	191.26	After	Interior Girder 1	0	0.95	1	1	2.534661
Type 3S2_str	BOBJ1	191.26	After	Interior Girder 2	0	0.95	1	1	2.511415
Type 3S2_str	BOBJ1	191.26	After	Interior Girder 3	0	0.95	1	1	1.97004
Type 3S2_str	BOBJ1	191.26	After	Interior Girder 4	0	0.95	1	1	1.97004
Type 3S2_str	BOBJ1	191.26	After	Interior Girder 5	0	0.95	1	1	2.511415
Type 3S2_str	BOBJ1	191.26	After	Interior Girder 6	0	0.95	1	1	2.534661
Type 3S2_str	BOBJ1	191.26	After	Right Exterior Girder	0	0.95	1	1	3.709875
Type 3S2_str	BOBJ1	196.26	Before	Interior Girder 1	5	0.95	1	1	4.155882
Type 3S2_str	BOBJ1	196.26	Before	Interior Girder 2	5	0.95	1	1	4.108034
Type 3S2_str	BOBJ1	196.26	Before	Interior Girder 3	5	0.95	1	1	3.858649
Type 3S2_str	BOBJ1	196.26	Before	Interior Girder 4	5	0.95	1	1	3.858649
Type 3S2_str	BOBJ1	196.26	Before	Interior Girder 5	5	0.95	1	1	4.108034
Type 3S2_str	BOBJ1	196.26	Before	Interior Girder 6	5	0.95	1	1	4.155882
Type 3S2_str	BOBJ1	196.26	After	Interior Girder 1	5	0.95	1	1	2.889461
Type 3S2_str	BOBJ1	196.26	After	Interior Girder 2	5	0.95	1	1	2.931323
Type 3S2_str	BOBJ1	196.26	After	Interior Girder 3	5	0.95	1	1	2.713443
Type 3S2_str	BOBJ1	196.26	After	Interior Girder 4	5	0.95	1	1	2.713443
Type 3S2_str	BOBJ1	196.26	After	Interior Girder 5	5	0.95	1	1	2.931323
Type 3S2_str	BOBJ1	196.26	After	Interior Girder 6	5	0.95	1	1	2.889461
Type 3S2_str	BOBJ1	198.76	Before	Left Exterior Girder	7.5	0.95	1	1	6.388497
Type 3S2_str	BOBJ1	198.76	Before	Right Exterior Girder	7.5	0.95	1	1	6.388497
Type 3S2_str	BOBJ1	198.76	After	Left Exterior Girder	7.5	0.95	1	1	3.050224
Type 3S2_str	BOBJ1	198.76	After	Right Exterior Girder	7.5	0.95	1	1	3.050224
Type 3S2_str	BOBJ1	199.685	Before	Left Exterior Girder	8.425	0.95	1	1	3.356777
Type 3S2_str	BOBJ1	199.685	Before	Interior Girder 1	8.425	0.95	1	1	3.587908
Type 3S2_str	BOBJ1	199.685	Before	Interior Girder 2	8.425	0.95	1	1	3.634913
Type 3S2_str	BOBJ1	199.685	Before	Interior Girder 3	8.425	0.95	1	1	3.545539
Type 3S2_str	BOBJ1	199.685	Before	Interior Girder 4	8.425	0.95	1	1	3.545539
Type 3S2_str	BOBJ1	199.685	Before	Interior Girder 5	8.425	0.95	1	1	3.634913
Type 3S2_str	BOBJ1	199.685	Before	Interior Girder 6	8.425	0.95	1	1	3.587908
Type 3S2_str	BOBJ1	199.685	Before	Right Exterior Girder	8.425	0.95	1	1	3.356777
Type 3S2_str	BOBJ1	199.685	After	Left Exterior Girder	8.425	0.95	1	1	3.256477
Type 3S2_str	BOBJ1	199.685	After	Interior Girder 1	8.425	0.95	1	1	3.669485
Type 3S2_str	BOBJ1	199.685	After	Interior Girder 2	8.425	0.95	1	1	3.675586
Type 3S2_str	BOBJ1	199.685	After	Interior Girder 3	8.425	0.95	1	1	3.552494
Type 3S2_str	BOBJ1	199.685	After	Interior Girder 4	8.425	0.95	1	1	3.552494
Type 3S2_str	BOBJ1	199.685	After	Interior Girder 5	8.425	0.95	1	1	3.675586
Type 3S2_str	BOBJ1	199.685	After	Interior Girder 6	8.425	0.95	1	1	3.669485
Type 3S2_str	BOBJ1	199.685	After	Right Exterior Girder	8.425	0.95	1	1	3.256477
Type 3S2_str	BOBJ1	208.11	Before	Left Exterior Girder	16.85	0.95	1	1	4.625597
Type 3S2_str	BOBJ1	208.11	Before	Interior Girder 1	16.85	0.95	1	1	4.149437
Type 3S2_str	BOBJ1	208.11	Before	Interior Girder 2	16.85	0.95	1	1	3.819441
Type 3S2_str	BOBJ1	208.11	Before	Interior Girder 3	16.85	0.95	1	1	3.721295
Type 3S2_str	BOBJ1	208.11	Before	Interior Girder 4	16.85	0.95	1	1	3.721295
Type 3S2_str	BOBJ1	208.11	Before	Interior Girder 5	16.85	0.95	1	1	3.819441
Type 3S2_str	BOBJ1	208.11	Before	Interior Girder 6	16.85	0.95	1	1	4.149437
Type 3S2_str	BOBJ1	208.11	Before	Right Exterior Girder	16.85	0.95	1	1	4.625597
Type 3S2_str	BOBJ1	208.11	After	Left Exterior Girder	16.85	0.95	1	1	4.740269
Type 3S2_str	BOBJ1	208.11	After	Interior Girder 1	16.85	0.95	1	1	4.053754
Type 3S2_str	BOBJ1	208.11	After	Interior Girder 2	16.85	0.95	1	1	3.818522
Type 3S2_str	BOBJ1	208.11	After	Interior Girder 3	16.85	0.95	1	1	3.797153
Type 3S2_str	BOBJ1	208.11	After	Interior Girder 4	16.85	0.95	1	1	3.797153
Type 3S2_str	BOBJ1	208.11	After	Interior Girder 5	16.85	0.95	1	1	3.818522
Type 3S2_str	BOBJ1	208.11	After	Interior Girder 6	16.85	0.95	1	1	4.053754
Type 3S2_str	BOBJ1	208.11	After	Right Exterior Girder	16.85	0.95	1	1	4.740269
Type 3S2_str	BOBJ1	216.535	Before	Left Exterior Girder	25.275	0.95	1	1	2.811937
Type 3S2_str	BOBJ1	216.535	Before	Interior Girder 1	25.275	0.95	1	1	2.424744
Type 3S2_str	BOBJ1	216.535	Before	Interior Girder 2	25.275	0.95	1	1	2.348643

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelINonCompStrgth-Flx - Approach, Span 7-11									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Type 3S2_str	BOBJ1	216.535	Before	Interior Girder 3	25.275	0.95	1	1	2.277136
Type 3S2_str	BOBJ1	216.535	Before	Interior Girder 4	25.275	0.95	1	1	2.277136
Type 3S2_str	BOBJ1	216.535	Before	Interior Girder 5	25.275	0.95	1	1	2.348643
Type 3S2_str	BOBJ1	216.535	Before	Interior Girder 6	25.275	0.95	1	1	2.424744
Type 3S2_str	BOBJ1	216.535	Before	Right Exterior Girder	25.275	0.95	1	1	2.811937
Type 3S2_str	BOBJ1	216.535	After	Left Exterior Girder	25.275	0.95	1	1	2.867391
Type 3S2_str	BOBJ1	216.535	After	Interior Girder 1	25.275	0.95	1	1	2.395188
Type 3S2_str	BOBJ1	216.535	After	Interior Girder 2	25.275	0.95	1	1	2.348674
Type 3S2_str	BOBJ1	216.535	After	Interior Girder 3	25.275	0.95	1	1	2.303623
Type 3S2_str	BOBJ1	216.535	After	Interior Girder 4	25.275	0.95	1	1	2.303623
Type 3S2_str	BOBJ1	216.535	After	Interior Girder 5	25.275	0.95	1	1	2.348674
Type 3S2_str	BOBJ1	216.535	After	Interior Girder 6	25.275	0.95	1	1	2.395188
Type 3S2_str	BOBJ1	216.535	After	Right Exterior Girder	25.275	0.95	1	1	2.867391
Type 3S2_str	BOBJ1	224.96	Before	Left Exterior Girder	33.7	0.95	1	1	2.336856
Type 3S2_str	BOBJ1	224.96	Before	Interior Girder 1	33.7	0.95	1	1	2.268271
Type 3S2_str	BOBJ1	224.96	Before	Interior Girder 2	33.7	0.95	1	1	2.243195
Type 3S2_str	BOBJ1	224.96	Before	Interior Girder 3	33.7	0.95	1	1	2.225612
Type 3S2_str	BOBJ1	224.96	Before	Interior Girder 4	33.7	0.95	1	1	2.225612
Type 3S2_str	BOBJ1	224.96	Before	Interior Girder 5	33.7	0.95	1	1	2.243195
Type 3S2_str	BOBJ1	224.96	Before	Interior Girder 6	33.7	0.95	1	1	2.268271
Type 3S2_str	BOBJ1	224.96	Before	Right Exterior Girder	33.7	0.95	1	1	2.336856
Type 3S2_str	BOBJ1	224.96	After	Left Exterior Girder	33.7	0.95	1	1	2.334392
Type 3S2_str	BOBJ1	224.96	After	Interior Girder 1	33.7	0.95	1	1	2.270558
Type 3S2_str	BOBJ1	224.96	After	Interior Girder 2	33.7	0.95	1	1	2.246205
Type 3S2_str	BOBJ1	224.96	After	Interior Girder 3	33.7	0.95	1	1	2.227998
Type 3S2_str	BOBJ1	224.96	After	Interior Girder 4	33.7	0.95	1	1	2.227998
Type 3S2_str	BOBJ1	224.96	After	Interior Girder 5	33.7	0.95	1	1	2.246205
Type 3S2_str	BOBJ1	224.96	After	Interior Girder 6	33.7	0.95	1	1	2.270558
Type 3S2_str	BOBJ1	224.96	After	Right Exterior Girder	33.7	0.95	1	1	2.334392
Type 3S2_str	BOBJ1	233.385	Before	Left Exterior Girder	42.125	0.95	1	1	2.940489
Type 3S2_str	BOBJ1	233.385	Before	Interior Girder 1	42.125	0.95	1	1	2.426668
Type 3S2_str	BOBJ1	233.385	Before	Interior Girder 2	42.125	0.95	1	1	2.370132
Type 3S2_str	BOBJ1	233.385	Before	Interior Girder 3	42.125	0.95	1	1	2.321515
Type 3S2_str	BOBJ1	233.385	Before	Interior Girder 4	42.125	0.95	1	1	2.321515
Type 3S2_str	BOBJ1	233.385	Before	Interior Girder 5	42.125	0.95	1	1	2.370132
Type 3S2_str	BOBJ1	233.385	Before	Interior Girder 6	42.125	0.95	1	1	2.426668
Type 3S2_str	BOBJ1	233.385	Before	Right Exterior Girder	42.125	0.95	1	1	2.940489
Type 3S2_str	BOBJ1	233.385	After	Left Exterior Girder	42.125	0.95	1	1	2.875593
Type 3S2_str	BOBJ1	233.385	After	Interior Girder 1	42.125	0.95	1	1	2.459064
Type 3S2_str	BOBJ1	233.385	After	Interior Girder 2	42.125	0.95	1	1	2.373435
Type 3S2_str	BOBJ1	233.385	After	Interior Girder 3	42.125	0.95	1	1	2.296688
Type 3S2_str	BOBJ1	233.385	After	Interior Girder 4	42.125	0.95	1	1	2.296688
Type 3S2_str	BOBJ1	233.385	After	Interior Girder 5	42.125	0.95	1	1	2.373435
Type 3S2_str	BOBJ1	233.385	After	Interior Girder 6	42.125	0.95	1	1	2.459064
Type 3S2_str	BOBJ1	233.385	After	Right Exterior Girder	42.125	0.95	1	1	2.875593
Type 3S2_str	BOBJ1	241.81	Before	Left Exterior Girder	50.55	0.95	1	1	5.027259
Type 3S2_str	BOBJ1	241.81	Before	Interior Girder 1	50.55	0.95	1	1	4.182954
Type 3S2_str	BOBJ1	241.81	Before	Interior Girder 2	50.55	0.95	1	1	3.888263
Type 3S2_str	BOBJ1	241.81	Before	Interior Girder 3	50.55	0.95	1	1	3.852629
Type 3S2_str	BOBJ1	241.81	Before	Interior Girder 4	50.55	0.95	1	1	3.852629
Type 3S2_str	BOBJ1	241.81	Before	Interior Girder 5	50.55	0.95	1	1	3.888263
Type 3S2_str	BOBJ1	241.81	Before	Interior Girder 6	50.55	0.95	1	1	4.182954
Type 3S2_str	BOBJ1	241.81	Before	Right Exterior Girder	50.55	0.95	1	1	5.027259
Type 3S2_str	BOBJ1	241.81	After	Left Exterior Girder	50.55	0.95	1	1	4.914739
Type 3S2_str	BOBJ1	241.81	After	Interior Girder 1	50.55	0.95	1	1	4.277573
Type 3S2_str	BOBJ1	241.81	After	Interior Girder 2	50.55	0.95	1	1	3.914218
Type 3S2_str	BOBJ1	241.81	After	Interior Girder 3	50.55	0.95	1	1	3.819276
Type 3S2_str	BOBJ1	241.81	After	Interior Girder 4	50.55	0.95	1	1	3.819276
Type 3S2_str	BOBJ1	241.81	After	Interior Girder 5	50.55	0.95	1	1	3.914218
Type 3S2_str	BOBJ1	241.81	After	Interior Girder 6	50.55	0.95	1	1	4.277573
Type 3S2_str	BOBJ1	241.81	After	Right Exterior Girder	50.55	0.95	1	1	4.914739
Type 3S2_str	BOBJ1	245.18	Before	Left Exterior Girder	53.92	0.95	1	1	5.635926
Type 3S2_str	BOBJ1	245.18	Before	Interior Girder 1	53.92	0.95	1	1	5.663932
Type 3S2_str	BOBJ1	245.18	Before	Interior Girder 2	53.92	0.95	1	1	5.1223
Type 3S2_str	BOBJ1	245.18	Before	Interior Girder 3	53.92	0.95	1	1	5.017116

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelINonCompStrgth-Flx - Approach, Span 7-11									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Type 3S2_str	BOBJ1	245.18	Before	Interior Girder 4	53.92	0.95	1	1	5.017116
Type 3S2_str	BOBJ1	245.18	Before	Interior Girder 5	53.92	0.95	1	1	5.1223
Type 3S2_str	BOBJ1	245.18	Before	Interior Girder 6	53.92	0.95	1	1	5.663932
Type 3S2_str	BOBJ1	245.18	Before	Right Exterior Girder	53.92	0.95	1	1	5.635926
Type 3S2_str	BOBJ1	245.18	After	Left Exterior Girder	53.92	0.95	1	1	6.596797
Type 3S2_str	BOBJ1	245.18	After	Interior Girder 1	53.92	0.95	1	1	6.064487
Type 3S2_str	BOBJ1	245.18	After	Interior Girder 2	53.92	0.95	1	1	5.448112
Type 3S2_str	BOBJ1	245.18	After	Interior Girder 3	53.92	0.95	1	1	5.293702
Type 3S2_str	BOBJ1	245.18	After	Interior Girder 4	53.92	0.95	1	1	5.293702
Type 3S2_str	BOBJ1	245.18	After	Interior Girder 5	53.92	0.95	1	1	5.448112
Type 3S2_str	BOBJ1	245.18	After	Interior Girder 6	53.92	0.95	1	1	6.064487
Type 3S2_str	BOBJ1	245.18	After	Right Exterior Girder	53.92	0.95	1	1	6.596797
Type 3S2_str	BOBJ1	250.245	Before	Left Exterior Girder	58.985	0.95	1	1	4.677146
Type 3S2_str	BOBJ1	250.245	Before	Interior Girder 1	58.985	0.95	1	1	4.695823
Type 3S2_str	BOBJ1	250.245	Before	Interior Girder 2	58.985	0.95	1	1	4.541488
Type 3S2_str	BOBJ1	250.245	Before	Interior Girder 3	58.985	0.95	1	1	4.337425
Type 3S2_str	BOBJ1	250.245	Before	Interior Girder 4	58.985	0.95	1	1	4.337425
Type 3S2_str	BOBJ1	250.245	Before	Interior Girder 5	58.985	0.95	1	1	4.541488
Type 3S2_str	BOBJ1	250.245	Before	Interior Girder 6	58.985	0.95	1	1	4.695823
Type 3S2_str	BOBJ1	250.245	Before	Right Exterior Girder	58.985	0.95	1	1	4.677146
Type 3S2_str	BOBJ1	250.245	After	Left Exterior Girder	58.985	0.95	1	1	4.740408
Type 3S2_str	BOBJ1	250.245	After	Interior Girder 1	58.985	0.95	1	1	4.631159
Type 3S2_str	BOBJ1	250.245	After	Interior Girder 2	58.985	0.95	1	1	4.487545
Type 3S2_str	BOBJ1	250.245	After	Interior Girder 3	58.985	0.95	1	1	4.311361
Type 3S2_str	BOBJ1	250.245	After	Interior Girder 4	58.985	0.95	1	1	4.311361
Type 3S2_str	BOBJ1	250.245	After	Interior Girder 5	58.985	0.95	1	1	4.487545
Type 3S2_str	BOBJ1	250.245	After	Interior Girder 6	58.985	0.95	1	1	4.631159
Type 3S2_str	BOBJ1	250.245	After	Right Exterior Girder	58.985	0.95	1	1	4.740408
Type 3S2_str	BOBJ1	251.68	Before	Left Exterior Girder	60.42	0.95	1	1	4.204275
Type 3S2_str	BOBJ1	251.68	Before	Right Exterior Girder	60.42	0.95	1	1	4.204275
Type 3S2_str	BOBJ1	251.68	After	Left Exterior Girder	60.42	0.95	1	1	7.644492
Type 3S2_str	BOBJ1	251.68	After	Right Exterior Girder	60.42	0.95	1	1	7.644492
Type 3S2_str	BOBJ1	254.18	Before	Interior Girder 1	62.92	0.95	1	1	3.583985
Type 3S2_str	BOBJ1	254.18	Before	Interior Girder 2	62.92	0.95	1	1	3.527185
Type 3S2_str	BOBJ1	254.18	Before	Interior Girder 3	62.92	0.95	1	1	3.089641
Type 3S2_str	BOBJ1	254.18	Before	Interior Girder 4	62.92	0.95	1	1	3.089641
Type 3S2_str	BOBJ1	254.18	Before	Interior Girder 5	62.92	0.95	1	1	3.527185
Type 3S2_str	BOBJ1	254.18	Before	Interior Girder 6	62.92	0.95	1	1	3.583985
Type 3S2_str	BOBJ1	254.18	After	Interior Girder 1	62.92	0.95	1	1	4.47186
Type 3S2_str	BOBJ1	254.18	After	Interior Girder 2	62.92	0.95	1	1	4.29715
Type 3S2_str	BOBJ1	254.18	After	Interior Girder 3	62.92	0.95	1	1	3.850634
Type 3S2_str	BOBJ1	254.18	After	Interior Girder 4	62.92	0.95	1	1	3.850634
Type 3S2_str	BOBJ1	254.18	After	Interior Girder 5	62.92	0.95	1	1	4.29715
Type 3S2_str	BOBJ1	254.18	After	Interior Girder 6	62.92	0.95	1	1	4.47186
Type 3S2_str	BOBJ1	258.68	Before	Left Exterior Girder	67.42	0.95	1	1	3.697157
Type 3S2_str	BOBJ1	258.68	Before	Interior Girder 1	67.42	0.95	1	1	2.343801
Type 3S2_str	BOBJ1	258.68	Before	Interior Girder 2	67.42	0.95	1	1	2.306338
Type 3S2_str	BOBJ1	258.68	Before	Interior Girder 3	67.42	0.95	1	1	1.821866
Type 3S2_str	BOBJ1	258.68	Before	Interior Girder 4	67.42	0.95	1	1	1.821866
Type 3S2_str	BOBJ1	258.68	Before	Interior Girder 5	67.42	0.95	1	1	2.306338
Type 3S2_str	BOBJ1	258.68	Before	Interior Girder 6	67.42	0.95	1	1	2.343801
Type 3S2_str	BOBJ1	258.68	Before	Right Exterior Girder	67.42	0.95	1	1	3.697157
Type 3S2_str	BOBJ1	258.68	After	Left Exterior Girder	0	0.95	1	1	3.532739
Type 3S2_str	BOBJ1	258.68	After	Interior Girder 1	0	0.95	1	1	2.243179
Type 3S2_str	BOBJ1	258.68	After	Interior Girder 2	0	0.95	1	1	2.184447
Type 3S2_str	BOBJ1	258.68	After	Interior Girder 3	0	0.95	1	1	1.701591
Type 3S2_str	BOBJ1	258.68	After	Interior Girder 4	0	0.95	1	1	1.701591
Type 3S2_str	BOBJ1	258.68	After	Interior Girder 5	0	0.95	1	1	2.184447
Type 3S2_str	BOBJ1	258.68	After	Interior Girder 6	0	0.95	1	1	2.243179
Type 3S2_str	BOBJ1	258.68	After	Right Exterior Girder	0	0.95	1	1	3.532739
Type 3S2_str	BOBJ1	263.18	Before	Interior Girder 1	4.5	0.95	1	1	3.550564
Type 3S2_str	BOBJ1	263.18	Before	Interior Girder 2	4.5	0.95	1	1	3.51517
Type 3S2_str	BOBJ1	263.18	Before	Interior Girder 3	4.5	0.95	1	1	3.282168
Type 3S2_str	BOBJ1	263.18	Before	Interior Girder 4	4.5	0.95	1	1	3.282168
Type 3S2_str	BOBJ1	263.18	Before	Interior Girder 5	4.5	0.95	1	1	3.51517

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelINonCompStrgth-Flx - Approach, Span 7-11									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Type 3S2_str	BOBJ1	263.18	Before	Interior Girder 6	4.5	0.95	1	1	3.550564
Type 3S2_str	BOBJ1	263.18	After	Interior Girder 1	4.5	0.95	1	1	2.840893
Type 3S2_str	BOBJ1	263.18	After	Interior Girder 2	4.5	0.95	1	1	2.87627
Type 3S2_str	BOBJ1	263.18	After	Interior Girder 3	4.5	0.95	1	1	2.652542
Type 3S2_str	BOBJ1	263.18	After	Interior Girder 4	4.5	0.95	1	1	2.652542
Type 3S2_str	BOBJ1	263.18	After	Interior Girder 5	4.5	0.95	1	1	2.87627
Type 3S2_str	BOBJ1	263.18	After	Interior Girder 6	4.5	0.95	1	1	2.840893
Type 3S2_str	BOBJ1	265.68	Before	Left Exterior Girder	7	0.95	1	1	5.679352
Type 3S2_str	BOBJ1	265.68	Before	Right Exterior Girder	7	0.95	1	1	5.679352
Type 3S2_str	BOBJ1	265.68	After	Left Exterior Girder	7	0.95	1	1	3.133345
Type 3S2_str	BOBJ1	265.68	After	Right Exterior Girder	7	0.95	1	1	3.133345
Type 3S2_str	BOBJ1	268.08	Before	Left Exterior Girder	9.4	0.95	1	1	3.85533
Type 3S2_str	BOBJ1	268.08	Before	Interior Girder 1	9.4	0.95	1	1	3.871394
Type 3S2_str	BOBJ1	268.08	Before	Interior Girder 2	9.4	0.95	1	1	3.892888
Type 3S2_str	BOBJ1	268.08	Before	Interior Girder 3	9.4	0.95	1	1	3.828128
Type 3S2_str	BOBJ1	268.08	Before	Interior Girder 4	9.4	0.95	1	1	3.828128
Type 3S2_str	BOBJ1	268.08	Before	Interior Girder 5	9.4	0.95	1	1	3.892888
Type 3S2_str	BOBJ1	268.08	Before	Interior Girder 6	9.4	0.95	1	1	3.871394
Type 3S2_str	BOBJ1	268.08	Before	Right Exterior Girder	9.4	0.95	1	1	3.85533
Type 3S2_str	BOBJ1	268.08	After	Left Exterior Girder	9.4	0.95	1	1	3.753354
Type 3S2_str	BOBJ1	268.08	After	Interior Girder 1	9.4	0.95	1	1	3.951231
Type 3S2_str	BOBJ1	268.08	After	Interior Girder 2	9.4	0.95	1	1	3.945636
Type 3S2_str	BOBJ1	268.08	After	Interior Girder 3	9.4	0.95	1	1	3.839469
Type 3S2_str	BOBJ1	268.08	After	Interior Girder 4	9.4	0.95	1	1	3.839469
Type 3S2_str	BOBJ1	268.08	After	Interior Girder 5	9.4	0.95	1	1	3.945636
Type 3S2_str	BOBJ1	268.08	After	Interior Girder 6	9.4	0.95	1	1	3.951231
Type 3S2_str	BOBJ1	268.08	After	Right Exterior Girder	9.4	0.95	1	1	3.753354
Type 3S2_str	BOBJ1	277.48	Before	Left Exterior Girder	18.8	0.95	1	1	4.057546
Type 3S2_str	BOBJ1	277.48	Before	Interior Girder 1	18.8	0.95	1	1	3.594753
Type 3S2_str	BOBJ1	277.48	Before	Interior Girder 2	18.8	0.95	1	1	3.303332
Type 3S2_str	BOBJ1	277.48	Before	Interior Girder 3	18.8	0.95	1	1	3.197563
Type 3S2_str	BOBJ1	277.48	Before	Interior Girder 4	18.8	0.95	1	1	3.197563
Type 3S2_str	BOBJ1	277.48	Before	Interior Girder 5	18.8	0.95	1	1	3.303332
Type 3S2_str	BOBJ1	277.48	Before	Interior Girder 6	18.8	0.95	1	1	3.594753
Type 3S2_str	BOBJ1	277.48	Before	Right Exterior Girder	18.8	0.95	1	1	4.057546
Type 3S2_str	BOBJ1	277.48	After	Left Exterior Girder	18.8	0.95	1	1	4.163846
Type 3S2_str	BOBJ1	277.48	After	Interior Girder 1	18.8	0.95	1	1	3.518567
Type 3S2_str	BOBJ1	277.48	After	Interior Girder 2	18.8	0.95	1	1	3.306068
Type 3S2_str	BOBJ1	277.48	After	Interior Girder 3	18.8	0.95	1	1	3.25367
Type 3S2_str	BOBJ1	277.48	After	Interior Girder 4	18.8	0.95	1	1	3.25367
Type 3S2_str	BOBJ1	277.48	After	Interior Girder 5	18.8	0.95	1	1	3.306068
Type 3S2_str	BOBJ1	277.48	After	Interior Girder 6	18.8	0.95	1	1	3.518567
Type 3S2_str	BOBJ1	277.48	After	Right Exterior Girder	18.8	0.95	1	1	4.163846
Type 3S2_str	BOBJ1	286.88	Before	Left Exterior Girder	28.2	0.95	1	1	2.936347
Type 3S2_str	BOBJ1	286.88	Before	Interior Girder 1	28.2	0.95	1	1	2.365212
Type 3S2_str	BOBJ1	286.88	Before	Interior Girder 2	28.2	0.95	1	1	2.276263
Type 3S2_str	BOBJ1	286.88	Before	Interior Girder 3	28.2	0.95	1	1	2.165462
Type 3S2_str	BOBJ1	286.88	Before	Interior Girder 4	28.2	0.95	1	1	2.165462
Type 3S2_str	BOBJ1	286.88	Before	Interior Girder 5	28.2	0.95	1	1	2.276263
Type 3S2_str	BOBJ1	286.88	Before	Interior Girder 6	28.2	0.95	1	1	2.365212
Type 3S2_str	BOBJ1	286.88	Before	Right Exterior Girder	28.2	0.95	1	1	2.936347
Type 3S2_str	BOBJ1	286.88	After	Left Exterior Girder	28.2	0.95	1	1	2.958262
Type 3S2_str	BOBJ1	286.88	After	Interior Girder 1	28.2	0.95	1	1	2.349564
Type 3S2_str	BOBJ1	286.88	After	Interior Girder 2	28.2	0.95	1	1	2.269262
Type 3S2_str	BOBJ1	286.88	After	Interior Girder 3	28.2	0.95	1	1	2.167916
Type 3S2_str	BOBJ1	286.88	After	Interior Girder 4	28.2	0.95	1	1	2.167916
Type 3S2_str	BOBJ1	286.88	After	Interior Girder 5	28.2	0.95	1	1	2.269262
Type 3S2_str	BOBJ1	286.88	After	Interior Girder 6	28.2	0.95	1	1	2.349564
Type 3S2_str	BOBJ1	286.88	After	Right Exterior Girder	28.2	0.95	1	1	2.958262
Type 3S2_str	BOBJ1	296.28	Before	Left Exterior Girder	37.6	0.95	1	1	2.647995
Type 3S2_str	BOBJ1	296.28	Before	Interior Girder 1	37.6	0.95	1	1	2.366151
Type 3S2_str	BOBJ1	296.28	Before	Interior Girder 2	37.6	0.95	1	1	2.280092
Type 3S2_str	BOBJ1	296.28	Before	Interior Girder 3	37.6	0.95	1	1	2.252488
Type 3S2_str	BOBJ1	296.28	Before	Interior Girder 4	37.6	0.95	1	1	2.252488
Type 3S2_str	BOBJ1	296.28	Before	Interior Girder 5	37.6	0.95	1	1	2.280092

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelINonCompStrgth-Flx - Approach, Span 7-11									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Type 3S2_str	BOBJ1	296.28	Before	Interior Girder 6	37.6	0.95	1	1	2.366151
Type 3S2_str	BOBJ1	296.28	Before	Right Exterior Girder	37.6	0.95	1	1	2.647995
Type 3S2_str	BOBJ1	296.28	After	Left Exterior Girder	37.6	0.95	1	1	2.61105
Type 3S2_str	BOBJ1	296.28	After	Interior Girder 1	37.6	0.95	1	1	2.393697
Type 3S2_str	BOBJ1	296.28	After	Interior Girder 2	37.6	0.95	1	1	2.274276
Type 3S2_str	BOBJ1	296.28	After	Interior Girder 3	37.6	0.95	1	1	2.231984
Type 3S2_str	BOBJ1	296.28	After	Interior Girder 4	37.6	0.95	1	1	2.231984
Type 3S2_str	BOBJ1	296.28	After	Interior Girder 5	37.6	0.95	1	1	2.274276
Type 3S2_str	BOBJ1	296.28	After	Interior Girder 6	37.6	0.95	1	1	2.393697
Type 3S2_str	BOBJ1	296.28	After	Right Exterior Girder	37.6	0.95	1	1	2.61105
Type 3S2_str	BOBJ1	305.69	Before	Left Exterior Girder	47.01	0.95	1	1	4.849752
Type 3S2_str	BOBJ1	305.69	Before	Interior Girder 1	47.01	0.95	1	1	3.359291
Type 3S2_str	BOBJ1	305.69	Before	Interior Girder 2	47.01	0.95	1	1	3.257362
Type 3S2_str	BOBJ1	305.69	Before	Interior Girder 3	47.01	0.95	1	1	3.064863
Type 3S2_str	BOBJ1	305.69	Before	Interior Girder 4	47.01	0.95	1	1	3.064863
Type 3S2_str	BOBJ1	305.69	Before	Interior Girder 5	47.01	0.95	1	1	3.257362
Type 3S2_str	BOBJ1	305.69	Before	Interior Girder 6	47.01	0.95	1	1	3.359291
Type 3S2_str	BOBJ1	305.69	Before	Right Exterior Girder	47.01	0.95	1	1	4.849752
Type 3S2_str	BOBJ1	305.69	After	Left Exterior Girder	47.01	0.95	1	1	4.796528
Type 3S2_str	BOBJ1	305.69	After	Interior Girder 1	47.01	0.95	1	1	3.391839
Type 3S2_str	BOBJ1	305.69	After	Interior Girder 2	47.01	0.95	1	1	3.20396
Type 3S2_str	BOBJ1	305.69	After	Interior Girder 3	47.01	0.95	1	1	2.968388
Type 3S2_str	BOBJ1	305.69	After	Interior Girder 4	47.01	0.95	1	1	2.968388
Type 3S2_str	BOBJ1	305.69	After	Interior Girder 5	47.01	0.95	1	1	3.20396
Type 3S2_str	BOBJ1	305.69	After	Interior Girder 6	47.01	0.95	1	1	3.391839
Type 3S2_str	BOBJ1	305.69	After	Right Exterior Girder	47.01	0.95	1	1	4.796528
Type 3S2_str	BOBJ1	315.1	Before	Left Exterior Girder	56.42	0.95	1	1	354.18464
Type 3S2_str	BOBJ1	315.1	Before	Interior Girder 1	56.42	0.95	1	1	307.80685
Type 3S2_str	BOBJ1	315.1	Before	Interior Girder 2	56.42	0.95	1	1	263.266111
Type 3S2_str	BOBJ1	315.1	Before	Interior Girder 3	56.42	0.95	1	1	186.341331
Type 3S2_str	BOBJ1	315.1	Before	Interior Girder 4	56.42	0.95	1	1	186.341331
Type 3S2_str	BOBJ1	315.1	Before	Interior Girder 5	56.42	0.95	1	1	263.266112
Type 3S2_str	BOBJ1	315.1	Before	Interior Girder 6	56.42	0.95	1	1	307.806849
Type 3S2_str	BOBJ1	315.1	Before	Right Exterior Girder	56.42	0.95	1	1	354.184642
Type 3-3_str	BOBJ1	0	After	Left Exterior Girder	0	0.95	1	1	345.498367
Type 3-3_str	BOBJ1	0	After	Interior Girder 1	0	0.95	1	1	289.188507
Type 3-3_str	BOBJ1	0	After	Interior Girder 2	0	0.95	1	1	284.045623
Type 3-3_str	BOBJ1	0	After	Interior Girder 3	0	0.95	1	1	193.682568
Type 3-3_str	BOBJ1	0	After	Interior Girder 4	0	0.95	1	1	193.682568
Type 3-3_str	BOBJ1	0	After	Interior Girder 5	0	0.95	1	1	284.045623
Type 3-3_str	BOBJ1	0	After	Interior Girder 6	0	0.95	1	1	289.188511
Type 3-3_str	BOBJ1	0	After	Right Exterior Girder	0	0.95	1	1	345.498367
Type 3-3_str	BOBJ1	9.4	Before	Left Exterior Girder	9.4	0.95	1	1	5.036591
Type 3-3_str	BOBJ1	9.4	Before	Interior Girder 1	9.4	0.95	1	1	3.582519
Type 3-3_str	BOBJ1	9.4	Before	Interior Girder 2	9.4	0.95	1	1	3.37333
Type 3-3_str	BOBJ1	9.4	Before	Interior Girder 3	9.4	0.95	1	1	3.164435
Type 3-3_str	BOBJ1	9.4	Before	Interior Girder 4	9.4	0.95	1	1	3.164435
Type 3-3_str	BOBJ1	9.4	Before	Interior Girder 5	9.4	0.95	1	1	3.37333
Type 3-3_str	BOBJ1	9.4	Before	Interior Girder 6	9.4	0.95	1	1	3.582519
Type 3-3_str	BOBJ1	9.4	Before	Right Exterior Girder	9.4	0.95	1	1	5.036591
Type 3-3_str	BOBJ1	9.4	After	Left Exterior Girder	9.4	0.95	1	1	5.096283
Type 3-3_str	BOBJ1	9.4	After	Interior Girder 1	9.4	0.95	1	1	3.554075
Type 3-3_str	BOBJ1	9.4	After	Interior Girder 2	9.4	0.95	1	1	3.435338
Type 3-3_str	BOBJ1	9.4	After	Interior Girder 3	9.4	0.95	1	1	3.281308
Type 3-3_str	BOBJ1	9.4	After	Interior Girder 4	9.4	0.95	1	1	3.281308
Type 3-3_str	BOBJ1	9.4	After	Interior Girder 5	9.4	0.95	1	1	3.435338
Type 3-3_str	BOBJ1	9.4	After	Interior Girder 6	9.4	0.95	1	1	3.554075
Type 3-3_str	BOBJ1	9.4	After	Right Exterior Girder	9.4	0.95	1	1	5.096283
Type 3-3_str	BOBJ1	18.8	Before	Left Exterior Girder	18.8	0.95	1	1	2.870647
Type 3-3_str	BOBJ1	18.8	Before	Interior Girder 1	18.8	0.95	1	1	2.651555
Type 3-3_str	BOBJ1	18.8	Before	Interior Girder 2	18.8	0.95	1	1	2.529648
Type 3-3_str	BOBJ1	18.8	Before	Interior Girder 3	18.8	0.95	1	1	2.475858
Type 3-3_str	BOBJ1	18.8	Before	Interior Girder 4	18.8	0.95	1	1	2.475858
Type 3-3_str	BOBJ1	18.8	Before	Interior Girder 5	18.8	0.95	1	1	2.529648
Type 3-3_str	BOBJ1	18.8	Before	Interior Girder 6	18.8	0.95	1	1	2.651555

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelINonCompStrgth-Flx - Approach, Span 7-11									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Type 3-3_str	BOBJ1	18.8	Before	Right Exterior Girder	18.8	0.95	1	1	2.870647
Type 3-3_str	BOBJ1	18.8	After	Left Exterior Girder	18.8	0.95	1	1	2.909855
Type 3-3_str	BOBJ1	18.8	After	Interior Girder 1	18.8	0.95	1	1	2.622437
Type 3-3_str	BOBJ1	18.8	After	Interior Girder 2	18.8	0.95	1	1	2.533707
Type 3-3_str	BOBJ1	18.8	After	Interior Girder 3	18.8	0.95	1	1	2.500142
Type 3-3_str	BOBJ1	18.8	After	Interior Girder 4	18.8	0.95	1	1	2.500142
Type 3-3_str	BOBJ1	18.8	After	Interior Girder 5	18.8	0.95	1	1	2.533707
Type 3-3_str	BOBJ1	18.8	After	Interior Girder 6	18.8	0.95	1	1	2.622437
Type 3-3_str	BOBJ1	18.8	After	Right Exterior Girder	18.8	0.95	1	1	2.909855
Type 3-3_str	BOBJ1	28.2	Before	Left Exterior Girder	28.2	0.95	1	1	3.197068
Type 3-3_str	BOBJ1	28.2	Before	Interior Girder 1	28.2	0.95	1	1	2.615808
Type 3-3_str	BOBJ1	28.2	Before	Interior Girder 2	28.2	0.95	1	1	2.512766
Type 3-3_str	BOBJ1	28.2	Before	Interior Girder 3	28.2	0.95	1	1	2.420746
Type 3-3_str	BOBJ1	28.2	Before	Interior Girder 4	28.2	0.95	1	1	2.420746
Type 3-3_str	BOBJ1	28.2	Before	Interior Girder 5	28.2	0.95	1	1	2.512766
Type 3-3_str	BOBJ1	28.2	Before	Interior Girder 6	28.2	0.95	1	1	2.615808
Type 3-3_str	BOBJ1	28.2	Before	Right Exterior Girder	28.2	0.95	1	1	3.197068
Type 3-3_str	BOBJ1	28.2	After	Left Exterior Girder	28.2	0.95	1	1	3.17637
Type 3-3_str	BOBJ1	28.2	After	Interior Girder 1	28.2	0.95	1	1	2.625572
Type 3-3_str	BOBJ1	28.2	After	Interior Girder 2	28.2	0.95	1	1	2.513267
Type 3-3_str	BOBJ1	28.2	After	Interior Girder 3	28.2	0.95	1	1	2.413592
Type 3-3_str	BOBJ1	28.2	After	Interior Girder 4	28.2	0.95	1	1	2.413592
Type 3-3_str	BOBJ1	28.2	After	Interior Girder 5	28.2	0.95	1	1	2.513267
Type 3-3_str	BOBJ1	28.2	After	Interior Girder 6	28.2	0.95	1	1	2.625572
Type 3-3_str	BOBJ1	28.2	After	Right Exterior Girder	28.2	0.95	1	1	3.17637
Type 3-3_str	BOBJ1	37.6	Before	Left Exterior Girder	37.6	0.95	1	1	4.593082
Type 3-3_str	BOBJ1	37.6	Before	Interior Girder 1	37.6	0.95	1	1	3.902844
Type 3-3_str	BOBJ1	37.6	Before	Interior Girder 2	37.6	0.95	1	1	3.668206
Type 3-3_str	BOBJ1	37.6	Before	Interior Girder 3	37.6	0.95	1	1	3.609342
Type 3-3_str	BOBJ1	37.6	Before	Interior Girder 4	37.6	0.95	1	1	3.609342
Type 3-3_str	BOBJ1	37.6	Before	Interior Girder 5	37.6	0.95	1	1	3.668206
Type 3-3_str	BOBJ1	37.6	Before	Interior Girder 6	37.6	0.95	1	1	3.902844
Type 3-3_str	BOBJ1	37.6	Before	Right Exterior Girder	37.6	0.95	1	1	4.593082
Type 3-3_str	BOBJ1	37.6	After	Left Exterior Girder	37.6	0.95	1	1	4.4788
Type 3-3_str	BOBJ1	37.6	After	Interior Girder 1	37.6	0.95	1	1	3.982725
Type 3-3_str	BOBJ1	37.6	After	Interior Girder 2	37.6	0.95	1	1	3.665478
Type 3-3_str	BOBJ1	37.6	After	Interior Girder 3	37.6	0.95	1	1	3.551301
Type 3-3_str	BOBJ1	37.6	After	Interior Girder 4	37.6	0.95	1	1	3.551301
Type 3-3_str	BOBJ1	37.6	After	Interior Girder 5	37.6	0.95	1	1	3.665478
Type 3-3_str	BOBJ1	37.6	After	Interior Girder 6	37.6	0.95	1	1	3.982725
Type 3-3_str	BOBJ1	37.6	After	Right Exterior Girder	37.6	0.95	1	1	4.4788
Type 3-3_str	BOBJ1	47.01	Before	Left Exterior Girder	47.01	0.95	1	1	3.928089
Type 3-3_str	BOBJ1	47.01	Before	Interior Girder 1	47.01	0.95	1	1	4.115552
Type 3-3_str	BOBJ1	47.01	Before	Interior Girder 2	47.01	0.95	1	1	4.101935
Type 3-3_str	BOBJ1	47.01	Before	Interior Girder 3	47.01	0.95	1	1	3.998283
Type 3-3_str	BOBJ1	47.01	Before	Interior Girder 4	47.01	0.95	1	1	3.998283
Type 3-3_str	BOBJ1	47.01	Before	Interior Girder 5	47.01	0.95	1	1	4.101935
Type 3-3_str	BOBJ1	47.01	Before	Interior Girder 6	47.01	0.95	1	1	4.115552
Type 3-3_str	BOBJ1	47.01	Before	Right Exterior Girder	47.01	0.95	1	1	3.928089
Type 3-3_str	BOBJ1	47.01	After	Left Exterior Girder	47.01	0.95	1	1	4.036593
Type 3-3_str	BOBJ1	47.01	After	Interior Girder 1	47.01	0.95	1	1	4.030514
Type 3-3_str	BOBJ1	47.01	After	Interior Girder 2	47.01	0.95	1	1	4.042644
Type 3-3_str	BOBJ1	47.01	After	Interior Girder 3	47.01	0.95	1	1	3.984955
Type 3-3_str	BOBJ1	47.01	After	Interior Girder 4	47.01	0.95	1	1	3.984955
Type 3-3_str	BOBJ1	47.01	After	Interior Girder 5	47.01	0.95	1	1	4.042644
Type 3-3_str	BOBJ1	47.01	After	Interior Girder 6	47.01	0.95	1	1	4.030514
Type 3-3_str	BOBJ1	47.01	After	Right Exterior Girder	47.01	0.95	1	1	4.036593
Type 3-3_str	BOBJ1	49.42	Before	Left Exterior Girder	49.42	0.95	1	1	3.263413
Type 3-3_str	BOBJ1	49.42	Before	Right Exterior Girder	49.42	0.95	1	1	3.263413
Type 3-3_str	BOBJ1	49.42	After	Left Exterior Girder	49.42	0.95	1	1	5.926105
Type 3-3_str	BOBJ1	49.42	After	Right Exterior Girder	49.42	0.95	1	1	5.926105
Type 3-3_str	BOBJ1	51.92	Before	Interior Girder 1	51.92	0.95	1	1	2.940343
Type 3-3_str	BOBJ1	51.92	Before	Interior Girder 2	51.92	0.95	1	1	2.983107
Type 3-3_str	BOBJ1	51.92	Before	Interior Girder 3	51.92	0.95	1	1	2.750398
Type 3-3_str	BOBJ1	51.92	Before	Interior Girder 4	51.92	0.95	1	1	2.750398

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelINonCompStrgth-Flx - Approach, Span 7-11									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Type 3-3_str	BOBJ1	51.92	Before	Interior Girder 5	51.92	0.95	1	1	2.983107
Type 3-3_str	BOBJ1	51.92	Before	Interior Girder 6	51.92	0.95	1	1	2.940343
Type 3-3_str	BOBJ1	51.92	After	Interior Girder 1	51.92	0.95	1	1	3.677398
Type 3-3_str	BOBJ1	51.92	After	Interior Girder 2	51.92	0.95	1	1	3.643359
Type 3-3_str	BOBJ1	51.92	After	Interior Girder 3	51.92	0.95	1	1	3.397085
Type 3-3_str	BOBJ1	51.92	After	Interior Girder 4	51.92	0.95	1	1	3.397085
Type 3-3_str	BOBJ1	51.92	After	Interior Girder 5	51.92	0.95	1	1	3.643359
Type 3-3_str	BOBJ1	51.92	After	Interior Girder 6	51.92	0.95	1	1	3.677398
Type 3-3_str	BOBJ1	56.42	Before	Left Exterior Girder	56.42	0.95	1	1	3.31243
Type 3-3_str	BOBJ1	56.42	Before	Interior Girder 1	56.42	0.95	1	1	2.117006
Type 3-3_str	BOBJ1	56.42	Before	Interior Girder 2	56.42	0.95	1	1	2.118153
Type 3-3_str	BOBJ1	56.42	Before	Interior Girder 3	56.42	0.95	1	1	1.692029
Type 3-3_str	BOBJ1	56.42	Before	Interior Girder 4	56.42	0.95	1	1	1.692029
Type 3-3_str	BOBJ1	56.42	Before	Interior Girder 5	56.42	0.95	1	1	2.118153
Type 3-3_str	BOBJ1	56.42	Before	Interior Girder 6	56.42	0.95	1	1	2.117006
Type 3-3_str	BOBJ1	56.42	Before	Right Exterior Girder	56.42	0.95	1	1	3.31243
Type 3-3_str	BOBJ1	56.42	After	Left Exterior Girder	0	0.95	1	1	3.509561
Type 3-3_str	BOBJ1	56.42	After	Interior Girder 1	0	0.95	1	1	2.229537
Type 3-3_str	BOBJ1	56.42	After	Interior Girder 2	0	0.95	1	1	2.223317
Type 3-3_str	BOBJ1	56.42	After	Interior Girder 3	0	0.95	1	1	1.764322
Type 3-3_str	BOBJ1	56.42	After	Interior Girder 4	0	0.95	1	1	1.764322
Type 3-3_str	BOBJ1	56.42	After	Interior Girder 5	0	0.95	1	1	2.223317
Type 3-3_str	BOBJ1	56.42	After	Interior Girder 6	0	0.95	1	1	2.229537
Type 3-3_str	BOBJ1	56.42	After	Right Exterior Girder	0	0.95	1	1	3.509561
Type 3-3_str	BOBJ1	60.92	Before	Interior Girder 1	4.5	0.95	1	1	4.577432
Type 3-3_str	BOBJ1	60.92	Before	Interior Girder 2	4.5	0.95	1	1	4.325242
Type 3-3_str	BOBJ1	60.92	Before	Interior Girder 3	4.5	0.95	1	1	3.783457
Type 3-3_str	BOBJ1	60.92	Before	Interior Girder 4	4.5	0.95	1	1	3.783457
Type 3-3_str	BOBJ1	60.92	Before	Interior Girder 5	4.5	0.95	1	1	4.325242
Type 3-3_str	BOBJ1	60.92	Before	Interior Girder 6	4.5	0.95	1	1	4.577432
Type 3-3_str	BOBJ1	60.92	After	Interior Girder 1	4.5	0.95	1	1	3.620659
Type 3-3_str	BOBJ1	60.92	After	Interior Girder 2	4.5	0.95	1	1	3.508941
Type 3-3_str	BOBJ1	60.92	After	Interior Girder 3	4.5	0.95	1	1	3.008765
Type 3-3_str	BOBJ1	60.92	After	Interior Girder 4	4.5	0.95	1	1	3.008765
Type 3-3_str	BOBJ1	60.92	After	Interior Girder 5	4.5	0.95	1	1	3.508941
Type 3-3_str	BOBJ1	60.92	After	Interior Girder 6	4.5	0.95	1	1	3.620659
Type 3-3_str	BOBJ1	63.42	Before	Left Exterior Girder	7	0.95	1	1	8.146569
Type 3-3_str	BOBJ1	63.42	Before	Right Exterior Girder	7	0.95	1	1	8.146569
Type 3-3_str	BOBJ1	63.42	After	Left Exterior Girder	7	0.95	1	1	4.473121
Type 3-3_str	BOBJ1	63.42	After	Right Exterior Girder	7	0.95	1	1	4.473121
Type 3-3_str	BOBJ1	64.845	Before	Left Exterior Girder	8.425	0.95	1	1	5.057728
Type 3-3_str	BOBJ1	64.845	Before	Interior Girder 1	8.425	0.95	1	1	4.891736
Type 3-3_str	BOBJ1	64.845	Before	Interior Girder 2	8.425	0.95	1	1	4.74157
Type 3-3_str	BOBJ1	64.845	Before	Interior Girder 3	8.425	0.95	1	1	4.553541
Type 3-3_str	BOBJ1	64.845	Before	Interior Girder 4	8.425	0.95	1	1	4.553541
Type 3-3_str	BOBJ1	64.845	Before	Interior Girder 5	8.425	0.95	1	1	4.74157
Type 3-3_str	BOBJ1	64.845	Before	Interior Girder 6	8.425	0.95	1	1	4.891736
Type 3-3_str	BOBJ1	64.845	Before	Right Exterior Girder	8.425	0.95	1	1	5.057728
Type 3-3_str	BOBJ1	64.845	After	Left Exterior Girder	8.425	0.95	1	1	4.988625
Type 3-3_str	BOBJ1	64.845	After	Interior Girder 1	8.425	0.95	1	1	4.960302
Type 3-3_str	BOBJ1	64.845	After	Interior Girder 2	8.425	0.95	1	1	4.798898
Type 3-3_str	BOBJ1	64.845	After	Interior Girder 3	8.425	0.95	1	1	4.581435
Type 3-3_str	BOBJ1	64.845	After	Interior Girder 4	8.425	0.95	1	1	4.581435
Type 3-3_str	BOBJ1	64.845	After	Interior Girder 5	8.425	0.95	1	1	4.798898
Type 3-3_str	BOBJ1	64.845	After	Interior Girder 6	8.425	0.95	1	1	4.960302
Type 3-3_str	BOBJ1	64.845	After	Right Exterior Girder	8.425	0.95	1	1	4.988625
Type 3-3_str	BOBJ1	69.92	Before	Left Exterior Girder	13.5	0.95	1	1	7.038727
Type 3-3_str	BOBJ1	69.92	Before	Interior Girder 1	13.5	0.95	1	1	6.502487
Type 3-3_str	BOBJ1	69.92	Before	Interior Girder 2	13.5	0.95	1	1	6.022918
Type 3-3_str	BOBJ1	69.92	Before	Interior Girder 3	13.5	0.95	1	1	5.882414
Type 3-3_str	BOBJ1	69.92	Before	Interior Girder 4	13.5	0.95	1	1	5.882414
Type 3-3_str	BOBJ1	69.92	Before	Interior Girder 5	13.5	0.95	1	1	6.022918
Type 3-3_str	BOBJ1	69.92	Before	Interior Girder 6	13.5	0.95	1	1	6.502487
Type 3-3_str	BOBJ1	69.92	Before	Right Exterior Girder	13.5	0.95	1	1	7.038727
Type 3-3_str	BOBJ1	69.92	After	Left Exterior Girder	13.5	0.95	1	1	6.011421

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelINonCompStrgth-Flx - Approach, Span 7-11									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Type 3-3_str	BOBJ1	69.92	After	Interior Girder 1	13.5	0.95	1	1	6.083461
Type 3-3_str	BOBJ1	69.92	After	Interior Girder 2	13.5	0.95	1	1	5.650511
Type 3-3_str	BOBJ1	69.92	After	Interior Girder 3	13.5	0.95	1	1	5.591564
Type 3-3_str	BOBJ1	69.92	After	Interior Girder 4	13.5	0.95	1	1	5.591564
Type 3-3_str	BOBJ1	69.92	After	Interior Girder 5	13.5	0.95	1	1	5.650511
Type 3-3_str	BOBJ1	69.92	After	Interior Girder 6	13.5	0.95	1	1	6.083461
Type 3-3_str	BOBJ1	69.92	After	Right Exterior Girder	13.5	0.95	1	1	6.011421
Type 3-3_str	BOBJ1	73.27	Before	Left Exterior Girder	16.85	0.95	1	1	5.418654
Type 3-3_str	BOBJ1	73.27	Before	Interior Girder 1	16.85	0.95	1	1	4.80354
Type 3-3_str	BOBJ1	73.27	Before	Interior Girder 2	16.85	0.95	1	1	4.383965
Type 3-3_str	BOBJ1	73.27	Before	Interior Girder 3	16.85	0.95	1	1	4.294742
Type 3-3_str	BOBJ1	73.27	Before	Interior Girder 4	16.85	0.95	1	1	4.294742
Type 3-3_str	BOBJ1	73.27	Before	Interior Girder 5	16.85	0.95	1	1	4.383965
Type 3-3_str	BOBJ1	73.27	Before	Interior Girder 6	16.85	0.95	1	1	4.80354
Type 3-3_str	BOBJ1	73.27	Before	Right Exterior Girder	16.85	0.95	1	1	5.418654
Type 3-3_str	BOBJ1	73.27	After	Left Exterior Girder	16.85	0.95	1	1	5.570812
Type 3-3_str	BOBJ1	73.27	After	Interior Girder 1	16.85	0.95	1	1	4.693021
Type 3-3_str	BOBJ1	73.27	After	Interior Girder 2	16.85	0.95	1	1	4.35354
Type 3-3_str	BOBJ1	73.27	After	Interior Girder 3	16.85	0.95	1	1	4.323604
Type 3-3_str	BOBJ1	73.27	After	Interior Girder 4	16.85	0.95	1	1	4.323604
Type 3-3_str	BOBJ1	73.27	After	Interior Girder 5	16.85	0.95	1	1	4.35354
Type 3-3_str	BOBJ1	73.27	After	Interior Girder 6	16.85	0.95	1	1	4.693021
Type 3-3_str	BOBJ1	73.27	After	Right Exterior Girder	16.85	0.95	1	1	5.570812
Type 3-3_str	BOBJ1	81.695	Before	Left Exterior Girder	25.275	0.95	1	1	3.187563
Type 3-3_str	BOBJ1	81.695	Before	Interior Girder 1	25.275	0.95	1	1	2.76941
Type 3-3_str	BOBJ1	81.695	Before	Interior Girder 2	25.275	0.95	1	1	2.662985
Type 3-3_str	BOBJ1	81.695	Before	Interior Girder 3	25.275	0.95	1	1	2.547589
Type 3-3_str	BOBJ1	81.695	Before	Interior Girder 4	25.275	0.95	1	1	2.547589
Type 3-3_str	BOBJ1	81.695	Before	Interior Girder 5	25.275	0.95	1	1	2.662985
Type 3-3_str	BOBJ1	81.695	Before	Interior Girder 6	25.275	0.95	1	1	2.76941
Type 3-3_str	BOBJ1	81.695	Before	Right Exterior Girder	25.275	0.95	1	1	3.187563
Type 3-3_str	BOBJ1	81.695	After	Left Exterior Girder	25.275	0.95	1	1	3.257972
Type 3-3_str	BOBJ1	81.695	After	Interior Girder 1	25.275	0.95	1	1	2.738512
Type 3-3_str	BOBJ1	81.695	After	Interior Girder 2	25.275	0.95	1	1	2.66049
Type 3-3_str	BOBJ1	81.695	After	Interior Girder 3	25.275	0.95	1	1	2.575325
Type 3-3_str	BOBJ1	81.695	After	Interior Girder 4	25.275	0.95	1	1	2.575325
Type 3-3_str	BOBJ1	81.695	After	Interior Girder 5	25.275	0.95	1	1	2.66049
Type 3-3_str	BOBJ1	81.695	After	Interior Girder 6	25.275	0.95	1	1	2.738512
Type 3-3_str	BOBJ1	81.695	After	Right Exterior Girder	25.275	0.95	1	1	3.257972
Type 3-3_str	BOBJ1	90.12	Before	Left Exterior Girder	33.7	0.95	1	1	2.551235
Type 3-3_str	BOBJ1	90.12	Before	Interior Girder 1	33.7	0.95	1	1	2.575293
Type 3-3_str	BOBJ1	90.12	Before	Interior Girder 2	33.7	0.95	1	1	2.55096
Type 3-3_str	BOBJ1	90.12	Before	Interior Girder 3	33.7	0.95	1	1	2.488872
Type 3-3_str	BOBJ1	90.12	Before	Interior Girder 4	33.7	0.95	1	1	2.488872
Type 3-3_str	BOBJ1	90.12	Before	Interior Girder 5	33.7	0.95	1	1	2.55096
Type 3-3_str	BOBJ1	90.12	Before	Interior Girder 6	33.7	0.95	1	1	2.575293
Type 3-3_str	BOBJ1	90.12	Before	Right Exterior Girder	33.7	0.95	1	1	2.551235
Type 3-3_str	BOBJ1	90.12	After	Left Exterior Girder	33.7	0.95	1	1	2.55527
Type 3-3_str	BOBJ1	90.12	After	Interior Girder 1	33.7	0.95	1	1	2.575145
Type 3-3_str	BOBJ1	90.12	After	Interior Girder 2	33.7	0.95	1	1	2.549663
Type 3-3_str	BOBJ1	90.12	After	Interior Girder 3	33.7	0.95	1	1	2.488257
Type 3-3_str	BOBJ1	90.12	After	Interior Girder 4	33.7	0.95	1	1	2.488257
Type 3-3_str	BOBJ1	90.12	After	Interior Girder 5	33.7	0.95	1	1	2.549663
Type 3-3_str	BOBJ1	90.12	After	Interior Girder 6	33.7	0.95	1	1	2.575145
Type 3-3_str	BOBJ1	90.12	After	Right Exterior Girder	33.7	0.95	1	1	2.55527
Type 3-3_str	BOBJ1	98.545	Before	Left Exterior Girder	42.125	0.95	1	1	3.165993
Type 3-3_str	BOBJ1	98.545	Before	Interior Girder 1	42.125	0.95	1	1	2.705823
Type 3-3_str	BOBJ1	98.545	Before	Interior Girder 2	42.125	0.95	1	1	2.639843
Type 3-3_str	BOBJ1	98.545	Before	Interior Girder 3	42.125	0.95	1	1	2.559868
Type 3-3_str	BOBJ1	98.545	Before	Interior Girder 4	42.125	0.95	1	1	2.559868
Type 3-3_str	BOBJ1	98.545	Before	Interior Girder 5	42.125	0.95	1	1	2.639843
Type 3-3_str	BOBJ1	98.545	Before	Interior Girder 6	42.125	0.95	1	1	2.705823
Type 3-3_str	BOBJ1	98.545	Before	Right Exterior Girder	42.125	0.95	1	1	3.165993
Type 3-3_str	BOBJ1	98.545	After	Left Exterior Girder	42.125	0.95	1	1	3.106839
Type 3-3_str	BOBJ1	98.545	After	Interior Girder 1	42.125	0.95	1	1	2.733788

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelINonCompStrgth-Flx - Approach, Span 7-11									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Type 3-3_str	BOBJ1	98.545	After	Interior Girder 2	42.125	0.95	1	1	2.640895
Type 3-3_str	BOBJ1	98.545	After	Interior Girder 3	42.125	0.95	1	1	2.532964
Type 3-3_str	BOBJ1	98.545	After	Interior Girder 4	42.125	0.95	1	1	2.532964
Type 3-3_str	BOBJ1	98.545	After	Interior Girder 5	42.125	0.95	1	1	2.640895
Type 3-3_str	BOBJ1	98.545	After	Interior Girder 6	42.125	0.95	1	1	2.733788
Type 3-3_str	BOBJ1	98.545	After	Right Exterior Girder	42.125	0.95	1	1	3.106839
Type 3-3_str	BOBJ1	106.97	Before	Left Exterior Girder	50.55	0.95	1	1	5.186412
Type 3-3_str	BOBJ1	106.97	Before	Interior Girder 1	50.55	0.95	1	1	4.471452
Type 3-3_str	BOBJ1	106.97	Before	Interior Girder 2	50.55	0.95	1	1	4.211887
Type 3-3_str	BOBJ1	106.97	Before	Interior Girder 3	50.55	0.95	1	1	4.181302
Type 3-3_str	BOBJ1	106.97	Before	Interior Girder 4	50.55	0.95	1	1	4.181302
Type 3-3_str	BOBJ1	106.97	Before	Interior Girder 5	50.55	0.95	1	1	4.211887
Type 3-3_str	BOBJ1	106.97	Before	Interior Girder 6	50.55	0.95	1	1	4.471452
Type 3-3_str	BOBJ1	106.97	Before	Right Exterior Girder	50.55	0.95	1	1	5.186412
Type 3-3_str	BOBJ1	106.97	After	Left Exterior Girder	50.55	0.95	1	1	5.032987
Type 3-3_str	BOBJ1	106.97	After	Interior Girder 1	50.55	0.95	1	1	4.579539
Type 3-3_str	BOBJ1	106.97	After	Interior Girder 2	50.55	0.95	1	1	4.216453
Type 3-3_str	BOBJ1	106.97	After	Interior Girder 3	50.55	0.95	1	1	4.096748
Type 3-3_str	BOBJ1	106.97	After	Interior Girder 4	50.55	0.95	1	1	4.096748
Type 3-3_str	BOBJ1	106.97	After	Interior Girder 5	50.55	0.95	1	1	4.216453
Type 3-3_str	BOBJ1	106.97	After	Interior Girder 6	50.55	0.95	1	1	4.579539
Type 3-3_str	BOBJ1	106.97	After	Right Exterior Girder	50.55	0.95	1	1	5.032987
Type 3-3_str	BOBJ1	115.405	Before	Left Exterior Girder	58.985	0.95	1	1	3.427522
Type 3-3_str	BOBJ1	115.405	Before	Interior Girder 1	58.985	0.95	1	1	3.832684
Type 3-3_str	BOBJ1	115.405	Before	Interior Girder 2	58.985	0.95	1	1	3.834719
Type 3-3_str	BOBJ1	115.405	Before	Interior Girder 3	58.985	0.95	1	1	3.704956
Type 3-3_str	BOBJ1	115.405	Before	Interior Girder 4	58.985	0.95	1	1	3.704956
Type 3-3_str	BOBJ1	115.405	Before	Interior Girder 5	58.985	0.95	1	1	3.834719
Type 3-3_str	BOBJ1	115.405	Before	Interior Girder 6	58.985	0.95	1	1	3.832684
Type 3-3_str	BOBJ1	115.405	Before	Right Exterior Girder	58.985	0.95	1	1	3.427522
Type 3-3_str	BOBJ1	115.405	After	Left Exterior Girder	58.985	0.95	1	1	3.536146
Type 3-3_str	BOBJ1	115.405	After	Interior Girder 1	58.985	0.95	1	1	3.743413
Type 3-3_str	BOBJ1	115.405	After	Interior Girder 2	58.985	0.95	1	1	3.789482
Type 3-3_str	BOBJ1	115.405	After	Interior Girder 3	58.985	0.95	1	1	3.696895
Type 3-3_str	BOBJ1	115.405	After	Interior Girder 4	58.985	0.95	1	1	3.696895
Type 3-3_str	BOBJ1	115.405	After	Interior Girder 5	58.985	0.95	1	1	3.789482
Type 3-3_str	BOBJ1	115.405	After	Interior Girder 6	58.985	0.95	1	1	3.743413
Type 3-3_str	BOBJ1	115.405	After	Right Exterior Girder	58.985	0.95	1	1	3.536146
Type 3-3_str	BOBJ1	116.34	Before	Left Exterior Girder	59.92	0.95	1	1	3.195845
Type 3-3_str	BOBJ1	116.34	Before	Right Exterior Girder	59.92	0.95	1	1	3.195845
Type 3-3_str	BOBJ1	116.34	After	Left Exterior Girder	59.92	0.95	1	1	6.696992
Type 3-3_str	BOBJ1	116.34	After	Right Exterior Girder	59.92	0.95	1	1	6.696992
Type 3-3_str	BOBJ1	118.84	Before	Interior Girder 1	62.42	0.95	1	1	3.001328
Type 3-3_str	BOBJ1	118.84	Before	Interior Girder 2	62.42	0.95	1	1	3.053862
Type 3-3_str	BOBJ1	118.84	Before	Interior Girder 3	62.42	0.95	1	1	2.817182
Type 3-3_str	BOBJ1	118.84	Before	Interior Girder 4	62.42	0.95	1	1	2.817182
Type 3-3_str	BOBJ1	118.84	Before	Interior Girder 5	62.42	0.95	1	1	3.053862
Type 3-3_str	BOBJ1	118.84	Before	Interior Girder 6	62.42	0.95	1	1	3.001328
Type 3-3_str	BOBJ1	118.84	After	Interior Girder 1	62.42	0.95	1	1	4.314458
Type 3-3_str	BOBJ1	118.84	After	Interior Girder 2	62.42	0.95	1	1	4.270803
Type 3-3_str	BOBJ1	118.84	After	Interior Girder 3	62.42	0.95	1	1	3.998692
Type 3-3_str	BOBJ1	118.84	After	Interior Girder 4	62.42	0.95	1	1	3.998692
Type 3-3_str	BOBJ1	118.84	After	Interior Girder 5	62.42	0.95	1	1	4.270803
Type 3-3_str	BOBJ1	118.84	After	Interior Girder 6	62.42	0.95	1	1	4.314458
Type 3-3_str	BOBJ1	123.84	Before	Left Exterior Girder	67.42	0.95	1	1	3.493752
Type 3-3_str	BOBJ1	123.84	Before	Interior Girder 1	67.42	0.95	1	1	2.375401
Type 3-3_str	BOBJ1	123.84	Before	Interior Girder 2	67.42	0.95	1	1	2.384101
Type 3-3_str	BOBJ1	123.84	Before	Interior Girder 3	67.42	0.95	1	1	1.915571
Type 3-3_str	BOBJ1	123.84	Before	Interior Girder 4	67.42	0.95	1	1	1.915571
Type 3-3_str	BOBJ1	123.84	Before	Interior Girder 5	67.42	0.95	1	1	2.384101
Type 3-3_str	BOBJ1	123.84	Before	Interior Girder 6	67.42	0.95	1	1	2.375401
Type 3-3_str	BOBJ1	123.84	Before	Right Exterior Girder	67.42	0.95	1	1	3.493752
Type 3-3_str	BOBJ1	123.84	After	Left Exterior Girder	0	0.95	1	1	3.503347
Type 3-3_str	BOBJ1	123.84	After	Interior Girder 1	0	0.95	1	1	2.385169
Type 3-3_str	BOBJ1	123.84	After	Interior Girder 2	0	0.95	1	1	2.385821

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelINonCompStrgth-Flx - Approach, Span 7-11									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Type 3-3_str	BOBJ1	123.84	After	Interior Girder 3	0	0.95	1	1	1.910773
Type 3-3_str	BOBJ1	123.84	After	Interior Girder 4	0	0.95	1	1	1.910773
Type 3-3_str	BOBJ1	123.84	After	Interior Girder 5	0	0.95	1	1	2.385821
Type 3-3_str	BOBJ1	123.84	After	Interior Girder 6	0	0.95	1	1	2.385169
Type 3-3_str	BOBJ1	123.84	After	Right Exterior Girder	0	0.95	1	1	3.503347
Type 3-3_str	BOBJ1	128.84	Before	Interior Girder 1	5	0.95	1	1	4.421291
Type 3-3_str	BOBJ1	128.84	Before	Interior Girder 2	5	0.95	1	1	4.358276
Type 3-3_str	BOBJ1	128.84	Before	Interior Girder 3	5	0.95	1	1	4.057999
Type 3-3_str	BOBJ1	128.84	Before	Interior Girder 4	5	0.95	1	1	4.057999
Type 3-3_str	BOBJ1	128.84	Before	Interior Girder 5	5	0.95	1	1	4.358276
Type 3-3_str	BOBJ1	128.84	Before	Interior Girder 6	5	0.95	1	1	4.421291
Type 3-3_str	BOBJ1	128.84	After	Interior Girder 1	5	0.95	1	1	3.077901
Type 3-3_str	BOBJ1	128.84	After	Interior Girder 2	5	0.95	1	1	3.119314
Type 3-3_str	BOBJ1	128.84	After	Interior Girder 3	5	0.95	1	1	2.862062
Type 3-3_str	BOBJ1	128.84	After	Interior Girder 4	5	0.95	1	1	2.862062
Type 3-3_str	BOBJ1	128.84	After	Interior Girder 5	5	0.95	1	1	3.119314
Type 3-3_str	BOBJ1	128.84	After	Interior Girder 6	5	0.95	1	1	3.077901
Type 3-3_str	BOBJ1	131.34	Before	Left Exterior Girder	7.5	0.95	1	1	6.907137
Type 3-3_str	BOBJ1	131.34	Before	Right Exterior Girder	7.5	0.95	1	1	6.907137
Type 3-3_str	BOBJ1	131.34	After	Left Exterior Girder	7.5	0.95	1	1	3.300258
Type 3-3_str	BOBJ1	131.34	After	Right Exterior Girder	7.5	0.95	1	1	3.300258
Type 3-3_str	BOBJ1	132.265	Before	Left Exterior Girder	8.425	0.95	1	1	3.631851
Type 3-3_str	BOBJ1	132.265	Before	Interior Girder 1	8.425	0.95	1	1	3.840129
Type 3-3_str	BOBJ1	132.265	Before	Interior Girder 2	8.425	0.95	1	1	3.868935
Type 3-3_str	BOBJ1	132.265	Before	Interior Girder 3	8.425	0.95	1	1	3.764851
Type 3-3_str	BOBJ1	132.265	Before	Interior Girder 4	8.425	0.95	1	1	3.764851
Type 3-3_str	BOBJ1	132.265	Before	Interior Girder 5	8.425	0.95	1	1	3.868935
Type 3-3_str	BOBJ1	132.265	Before	Interior Girder 6	8.425	0.95	1	1	3.840129
Type 3-3_str	BOBJ1	132.265	Before	Right Exterior Girder	8.425	0.95	1	1	3.631851
Type 3-3_str	BOBJ1	132.265	After	Left Exterior Girder	8.425	0.95	1	1	3.52048
Type 3-3_str	BOBJ1	132.265	After	Interior Girder 1	8.425	0.95	1	1	3.930896
Type 3-3_str	BOBJ1	132.265	After	Interior Girder 2	8.425	0.95	1	1	3.915547
Type 3-3_str	BOBJ1	132.265	After	Interior Girder 3	8.425	0.95	1	1	3.775225
Type 3-3_str	BOBJ1	132.265	After	Interior Girder 4	8.425	0.95	1	1	3.775225
Type 3-3_str	BOBJ1	132.265	After	Interior Girder 5	8.425	0.95	1	1	3.915547
Type 3-3_str	BOBJ1	132.265	After	Interior Girder 6	8.425	0.95	1	1	3.930896
Type 3-3_str	BOBJ1	132.265	After	Right Exterior Girder	8.425	0.95	1	1	3.52048
Type 3-3_str	BOBJ1	140.69	Before	Left Exterior Girder	16.85	0.95	1	1	5.086824
Type 3-3_str	BOBJ1	140.69	Before	Interior Girder 1	16.85	0.95	1	1	4.597602
Type 3-3_str	BOBJ1	140.69	Before	Interior Girder 2	16.85	0.95	1	1	4.231317
Type 3-3_str	BOBJ1	140.69	Before	Interior Girder 3	16.85	0.95	1	1	4.118328
Type 3-3_str	BOBJ1	140.69	Before	Interior Girder 4	16.85	0.95	1	1	4.118328
Type 3-3_str	BOBJ1	140.69	Before	Interior Girder 5	16.85	0.95	1	1	4.231317
Type 3-3_str	BOBJ1	140.69	Before	Interior Girder 6	16.85	0.95	1	1	4.597602
Type 3-3_str	BOBJ1	140.69	Before	Right Exterior Girder	16.85	0.95	1	1	5.086824
Type 3-3_str	BOBJ1	140.69	After	Left Exterior Girder	16.85	0.95	1	1	5.247953
Type 3-3_str	BOBJ1	140.69	After	Interior Girder 1	16.85	0.95	1	1	4.489227
Type 3-3_str	BOBJ1	140.69	After	Interior Girder 2	16.85	0.95	1	1	4.225585
Type 3-3_str	BOBJ1	140.69	After	Interior Girder 3	16.85	0.95	1	1	4.202301
Type 3-3_str	BOBJ1	140.69	After	Interior Girder 4	16.85	0.95	1	1	4.202301
Type 3-3_str	BOBJ1	140.69	After	Interior Girder 5	16.85	0.95	1	1	4.225585
Type 3-3_str	BOBJ1	140.69	After	Interior Girder 6	16.85	0.95	1	1	4.489227
Type 3-3_str	BOBJ1	140.69	After	Right Exterior Girder	16.85	0.95	1	1	5.247953
Type 3-3_str	BOBJ1	149.115	Before	Left Exterior Girder	25.275	0.95	1	1	3.089146
Type 3-3_str	BOBJ1	149.115	Before	Interior Girder 1	25.275	0.95	1	1	2.708645
Type 3-3_str	BOBJ1	149.115	Before	Interior Girder 2	25.275	0.95	1	1	2.625009
Type 3-3_str	BOBJ1	149.115	Before	Interior Girder 3	25.275	0.95	1	1	2.526886
Type 3-3_str	BOBJ1	149.115	Before	Interior Girder 4	25.275	0.95	1	1	2.526886
Type 3-3_str	BOBJ1	149.115	Before	Interior Girder 5	25.275	0.95	1	1	2.625009
Type 3-3_str	BOBJ1	149.115	Before	Interior Girder 6	25.275	0.95	1	1	2.708645
Type 3-3_str	BOBJ1	149.115	Before	Right Exterior Girder	25.275	0.95	1	1	3.089146
Type 3-3_str	BOBJ1	149.115	After	Left Exterior Girder	25.275	0.95	1	1	3.150426
Type 3-3_str	BOBJ1	149.115	After	Interior Girder 1	25.275	0.95	1	1	2.681779
Type 3-3_str	BOBJ1	149.115	After	Interior Girder 2	25.275	0.95	1	1	2.622795
Type 3-3_str	BOBJ1	149.115	After	Interior Girder 3	25.275	0.95	1	1	2.552624

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelINonCompStrgth-Flx - Approach, Span 7-11									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Type 3-3_str	BOBJ1	149.115	After	Interior Girder 4	25.275	0.95	1	1	2.552624
Type 3-3_str	BOBJ1	149.115	After	Interior Girder 5	25.275	0.95	1	1	2.622795
Type 3-3_str	BOBJ1	149.115	After	Interior Girder 6	25.275	0.95	1	1	2.681779
Type 3-3_str	BOBJ1	149.115	After	Right Exterior Girder	25.275	0.95	1	1	3.150426
Type 3-3_str	BOBJ1	157.54	Before	Left Exterior Girder	33.7	0.95	1	1	2.50949
Type 3-3_str	BOBJ1	157.54	Before	Interior Girder 1	33.7	0.95	1	1	2.526039
Type 3-3_str	BOBJ1	157.54	Before	Interior Girder 2	33.7	0.95	1	1	2.519675
Type 3-3_str	BOBJ1	157.54	Before	Interior Girder 3	33.7	0.95	1	1	2.46973
Type 3-3_str	BOBJ1	157.54	Before	Interior Girder 4	33.7	0.95	1	1	2.46973
Type 3-3_str	BOBJ1	157.54	Before	Interior Girder 5	33.7	0.95	1	1	2.519675
Type 3-3_str	BOBJ1	157.54	Before	Interior Girder 6	33.7	0.95	1	1	2.526039
Type 3-3_str	BOBJ1	157.54	Before	Right Exterior Girder	33.7	0.95	1	1	2.50949
Type 3-3_str	BOBJ1	157.54	After	Left Exterior Girder	33.7	0.95	1	1	2.509687
Type 3-3_str	BOBJ1	157.54	After	Interior Girder 1	33.7	0.95	1	1	2.525948
Type 3-3_str	BOBJ1	157.54	After	Interior Girder 2	33.7	0.95	1	1	2.519739
Type 3-3_str	BOBJ1	157.54	After	Interior Girder 3	33.7	0.95	1	1	2.469713
Type 3-3_str	BOBJ1	157.54	After	Interior Girder 4	33.7	0.95	1	1	2.469713
Type 3-3_str	BOBJ1	157.54	After	Interior Girder 5	33.7	0.95	1	1	2.519739
Type 3-3_str	BOBJ1	157.54	After	Interior Girder 6	33.7	0.95	1	1	2.525948
Type 3-3_str	BOBJ1	157.54	After	Right Exterior Girder	33.7	0.95	1	1	2.509687
Type 3-3_str	BOBJ1	165.965	Before	Left Exterior Girder	42.125	0.95	1	1	3.147974
Type 3-3_str	BOBJ1	165.965	Before	Interior Girder 1	42.125	0.95	1	1	2.68089
Type 3-3_str	BOBJ1	165.965	Before	Interior Girder 2	42.125	0.95	1	1	2.621881
Type 3-3_str	BOBJ1	165.965	Before	Interior Girder 3	42.125	0.95	1	1	2.551436
Type 3-3_str	BOBJ1	165.965	Before	Interior Girder 4	42.125	0.95	1	1	2.551436
Type 3-3_str	BOBJ1	165.965	Before	Interior Girder 5	42.125	0.95	1	1	2.621881
Type 3-3_str	BOBJ1	165.965	Before	Interior Girder 6	42.125	0.95	1	1	2.68089
Type 3-3_str	BOBJ1	165.965	Before	Right Exterior Girder	42.125	0.95	1	1	3.147974
Type 3-3_str	BOBJ1	165.965	After	Left Exterior Girder	42.125	0.95	1	1	3.087141
Type 3-3_str	BOBJ1	165.965	After	Interior Girder 1	42.125	0.95	1	1	2.707619
Type 3-3_str	BOBJ1	165.965	After	Interior Girder 2	42.125	0.95	1	1	2.624004
Type 3-3_str	BOBJ1	165.965	After	Interior Girder 3	42.125	0.95	1	1	2.525856
Type 3-3_str	BOBJ1	165.965	After	Interior Girder 4	42.125	0.95	1	1	2.525856
Type 3-3_str	BOBJ1	165.965	After	Interior Girder 5	42.125	0.95	1	1	2.624004
Type 3-3_str	BOBJ1	165.965	After	Interior Girder 6	42.125	0.95	1	1	2.707619
Type 3-3_str	BOBJ1	165.965	After	Right Exterior Girder	42.125	0.95	1	1	3.087141
Type 3-3_str	BOBJ1	174.39	Before	Left Exterior Girder	50.55	0.95	1	1	5.236188
Type 3-3_str	BOBJ1	174.39	Before	Interior Girder 1	50.55	0.95	1	1	4.483364
Type 3-3_str	BOBJ1	174.39	Before	Interior Girder 2	50.55	0.95	1	1	4.220698
Type 3-3_str	BOBJ1	174.39	Before	Interior Girder 3	50.55	0.95	1	1	4.19648
Type 3-3_str	BOBJ1	174.39	Before	Interior Girder 4	50.55	0.95	1	1	4.19648
Type 3-3_str	BOBJ1	174.39	Before	Interior Girder 5	50.55	0.95	1	1	4.220698
Type 3-3_str	BOBJ1	174.39	Before	Interior Girder 6	50.55	0.95	1	1	4.483364
Type 3-3_str	BOBJ1	174.39	Before	Right Exterior Girder	50.55	0.95	1	1	5.236188
Type 3-3_str	BOBJ1	174.39	After	Left Exterior Girder	50.55	0.95	1	1	5.075867
Type 3-3_str	BOBJ1	174.39	After	Interior Girder 1	50.55	0.95	1	1	4.591681
Type 3-3_str	BOBJ1	174.39	After	Interior Girder 2	50.55	0.95	1	1	4.22649
Type 3-3_str	BOBJ1	174.39	After	Interior Girder 3	50.55	0.95	1	1	4.112716
Type 3-3_str	BOBJ1	174.39	After	Interior Girder 4	50.55	0.95	1	1	4.112716
Type 3-3_str	BOBJ1	174.39	After	Interior Girder 5	50.55	0.95	1	1	4.22649
Type 3-3_str	BOBJ1	174.39	After	Interior Girder 6	50.55	0.95	1	1	4.591681
Type 3-3_str	BOBJ1	174.39	After	Right Exterior Girder	50.55	0.95	1	1	5.075867
Type 3-3_str	BOBJ1	182.825	Before	Left Exterior Girder	58.985	0.95	1	1	3.523094
Type 3-3_str	BOBJ1	182.825	Before	Interior Girder 1	58.985	0.95	1	1	3.927059
Type 3-3_str	BOBJ1	182.825	Before	Interior Girder 2	58.985	0.95	1	1	3.911132
Type 3-3_str	BOBJ1	182.825	Before	Interior Girder 3	58.985	0.95	1	1	3.77616
Type 3-3_str	BOBJ1	182.825	Before	Interior Girder 4	58.985	0.95	1	1	3.77616
Type 3-3_str	BOBJ1	182.825	Before	Interior Girder 5	58.985	0.95	1	1	3.911132
Type 3-3_str	BOBJ1	182.825	Before	Interior Girder 6	58.985	0.95	1	1	3.927059
Type 3-3_str	BOBJ1	182.825	Before	Right Exterior Girder	58.985	0.95	1	1	3.523094
Type 3-3_str	BOBJ1	182.825	After	Left Exterior Girder	58.985	0.95	1	1	3.634778
Type 3-3_str	BOBJ1	182.825	After	Interior Girder 1	58.985	0.95	1	1	3.836473
Type 3-3_str	BOBJ1	182.825	After	Interior Girder 2	58.985	0.95	1	1	3.864368
Type 3-3_str	BOBJ1	182.825	After	Interior Girder 3	58.985	0.95	1	1	3.766173
Type 3-3_str	BOBJ1	182.825	After	Interior Girder 4	58.985	0.95	1	1	3.766173

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelINonCompStrgth-Flx - Approach, Span 7-11									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Type 3-3_str	BOBJ1	182.825	After	Interior Girder 5	58.985	0.95	1	1	3.864368
Type 3-3_str	BOBJ1	182.825	After	Interior Girder 6	58.985	0.95	1	1	3.836473
Type 3-3_str	BOBJ1	182.825	After	Right Exterior Girder	58.985	0.95	1	1	3.634778
Type 3-3_str	BOBJ1	183.76	Before	Left Exterior Girder	59.92	0.95	1	1	3.284989
Type 3-3_str	BOBJ1	183.76	Before	Right Exterior Girder	59.92	0.95	1	1	3.284989
Type 3-3_str	BOBJ1	183.76	After	Left Exterior Girder	59.92	0.95	1	1	6.884029
Type 3-3_str	BOBJ1	183.76	After	Right Exterior Girder	59.92	0.95	1	1	6.884029
Type 3-3_str	BOBJ1	186.26	Before	Interior Girder 1	62.42	0.95	1	1	3.07096
Type 3-3_str	BOBJ1	186.26	Before	Interior Girder 2	62.42	0.95	1	1	3.112525
Type 3-3_str	BOBJ1	186.26	Before	Interior Girder 3	62.42	0.95	1	1	2.861
Type 3-3_str	BOBJ1	186.26	Before	Interior Girder 4	62.42	0.95	1	1	2.861
Type 3-3_str	BOBJ1	186.26	Before	Interior Girder 5	62.42	0.95	1	1	3.112525
Type 3-3_str	BOBJ1	186.26	Before	Interior Girder 6	62.42	0.95	1	1	3.07096
Type 3-3_str	BOBJ1	186.26	After	Interior Girder 1	62.42	0.95	1	1	4.413284
Type 3-3_str	BOBJ1	186.26	After	Interior Girder 2	62.42	0.95	1	1	4.350137
Type 3-3_str	BOBJ1	186.26	After	Interior Girder 3	62.42	0.95	1	1	4.057653
Type 3-3_str	BOBJ1	186.26	After	Interior Girder 4	62.42	0.95	1	1	4.057653
Type 3-3_str	BOBJ1	186.26	After	Interior Girder 5	62.42	0.95	1	1	4.350137
Type 3-3_str	BOBJ1	186.26	After	Interior Girder 6	62.42	0.95	1	1	4.413284
Type 3-3_str	BOBJ1	191.26	Before	Left Exterior Girder	67.42	0.95	1	1	3.505748
Type 3-3_str	BOBJ1	191.26	Before	Interior Girder 1	67.42	0.95	1	1	2.378374
Type 3-3_str	BOBJ1	191.26	Before	Interior Girder 2	67.42	0.95	1	1	2.378808
Type 3-3_str	BOBJ1	191.26	Before	Interior Girder 3	67.42	0.95	1	1	1.910518
Type 3-3_str	BOBJ1	191.26	Before	Interior Girder 4	67.42	0.95	1	1	1.910518
Type 3-3_str	BOBJ1	191.26	Before	Interior Girder 5	67.42	0.95	1	1	2.378808
Type 3-3_str	BOBJ1	191.26	Before	Interior Girder 6	67.42	0.95	1	1	2.378374
Type 3-3_str	BOBJ1	191.26	Before	Right Exterior Girder	67.42	0.95	1	1	3.505748
Type 3-3_str	BOBJ1	191.26	After	Left Exterior Girder	0	0.95	1	1	3.486451
Type 3-3_str	BOBJ1	191.26	After	Interior Girder 1	0	0.95	1	1	2.379044
Type 3-3_str	BOBJ1	191.26	After	Interior Girder 2	0	0.95	1	1	2.388944
Type 3-3_str	BOBJ1	191.26	After	Interior Girder 3	0	0.95	1	1	1.914131
Type 3-3_str	BOBJ1	191.26	After	Interior Girder 4	0	0.95	1	1	1.914131
Type 3-3_str	BOBJ1	191.26	After	Interior Girder 5	0	0.95	1	1	2.388944
Type 3-3_str	BOBJ1	191.26	After	Interior Girder 6	0	0.95	1	1	2.379044
Type 3-3_str	BOBJ1	191.26	After	Right Exterior Girder	0	0.95	1	1	3.486451
Type 3-3_str	BOBJ1	196.26	Before	Interior Girder 1	5	0.95	1	1	4.318529
Type 3-3_str	BOBJ1	196.26	Before	Interior Girder 2	5	0.95	1	1	4.276155
Type 3-3_str	BOBJ1	196.26	Before	Interior Girder 3	5	0.95	1	1	3.996876
Type 3-3_str	BOBJ1	196.26	Before	Interior Girder 4	5	0.95	1	1	3.996876
Type 3-3_str	BOBJ1	196.26	Before	Interior Girder 5	5	0.95	1	1	4.276155
Type 3-3_str	BOBJ1	196.26	Before	Interior Girder 6	5	0.95	1	1	4.318529
Type 3-3_str	BOBJ1	196.26	After	Interior Girder 1	5	0.95	1	1	3.004275
Type 3-3_str	BOBJ1	196.26	After	Interior Girder 2	5	0.95	1	1	3.057859
Type 3-3_str	BOBJ1	196.26	After	Interior Girder 3	5	0.95	1	1	2.816054
Type 3-3_str	BOBJ1	196.26	After	Interior Girder 4	5	0.95	1	1	2.816054
Type 3-3_str	BOBJ1	196.26	After	Interior Girder 5	5	0.95	1	1	3.057859
Type 3-3_str	BOBJ1	196.26	After	Interior Girder 6	5	0.95	1	1	3.004275
Type 3-3_str	BOBJ1	198.76	Before	Left Exterior Girder	7.5	0.95	1	1	6.715187
Type 3-3_str	BOBJ1	198.76	Before	Right Exterior Girder	7.5	0.95	1	1	6.715187
Type 3-3_str	BOBJ1	198.76	After	Left Exterior Girder	7.5	0.95	1	1	3.206217
Type 3-3_str	BOBJ1	198.76	After	Right Exterior Girder	7.5	0.95	1	1	3.206217
Type 3-3_str	BOBJ1	199.685	Before	Left Exterior Girder	8.425	0.95	1	1	3.528965
Type 3-3_str	BOBJ1	199.685	Before	Interior Girder 1	8.425	0.95	1	1	3.743757
Type 3-3_str	BOBJ1	199.685	Before	Interior Girder 2	8.425	0.95	1	1	3.791622
Type 3-3_str	BOBJ1	199.685	Before	Interior Girder 3	8.425	0.95	1	1	3.693683
Type 3-3_str	BOBJ1	199.685	Before	Interior Girder 4	8.425	0.95	1	1	3.693683
Type 3-3_str	BOBJ1	199.685	Before	Interior Girder 5	8.425	0.95	1	1	3.791622
Type 3-3_str	BOBJ1	199.685	Before	Interior Girder 6	8.425	0.95	1	1	3.743757
Type 3-3_str	BOBJ1	199.685	Before	Right Exterior Girder	8.425	0.95	1	1	3.528965
Type 3-3_str	BOBJ1	199.685	After	Left Exterior Girder	8.425	0.95	1	1	3.420404
Type 3-3_str	BOBJ1	199.685	After	Interior Girder 1	8.425	0.95	1	1	3.833151
Type 3-3_str	BOBJ1	199.685	After	Interior Girder 2	8.425	0.95	1	1	3.836781
Type 3-3_str	BOBJ1	199.685	After	Interior Girder 3	8.425	0.95	1	1	3.702202
Type 3-3_str	BOBJ1	199.685	After	Interior Girder 4	8.425	0.95	1	1	3.702202
Type 3-3_str	BOBJ1	199.685	After	Interior Girder 5	8.425	0.95	1	1	3.836781

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelINonCompStrgth-Flx - Approach, Span 7-11									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Type 3-3_str	BOBJ1	199.685	After	Interior Girder 6	8.425	0.95	1	1	3.833151
Type 3-3_str	BOBJ1	199.685	After	Right Exterior Girder	8.425	0.95	1	1	3.420404
Type 3-3_str	BOBJ1	208.11	Before	Left Exterior Girder	16.85	0.95	1	1	5.045441
Type 3-3_str	BOBJ1	208.11	Before	Interior Girder 1	16.85	0.95	1	1	4.586309
Type 3-3_str	BOBJ1	208.11	Before	Interior Girder 2	16.85	0.95	1	1	4.221828
Type 3-3_str	BOBJ1	208.11	Before	Interior Girder 3	16.85	0.95	1	1	4.102747
Type 3-3_str	BOBJ1	208.11	Before	Interior Girder 4	16.85	0.95	1	1	4.102747
Type 3-3_str	BOBJ1	208.11	Before	Interior Girder 5	16.85	0.95	1	1	4.221828
Type 3-3_str	BOBJ1	208.11	Before	Interior Girder 6	16.85	0.95	1	1	4.586309
Type 3-3_str	BOBJ1	208.11	Before	Right Exterior Girder	16.85	0.95	1	1	5.045441
Type 3-3_str	BOBJ1	208.11	After	Left Exterior Girder	16.85	0.95	1	1	5.20001
Type 3-3_str	BOBJ1	208.11	After	Interior Girder 1	16.85	0.95	1	1	4.478121
Type 3-3_str	BOBJ1	208.11	After	Interior Girder 2	16.85	0.95	1	1	4.217249
Type 3-3_str	BOBJ1	208.11	After	Interior Girder 3	16.85	0.95	1	1	4.187504
Type 3-3_str	BOBJ1	208.11	After	Interior Girder 4	16.85	0.95	1	1	4.187504
Type 3-3_str	BOBJ1	208.11	After	Interior Girder 5	16.85	0.95	1	1	4.217249
Type 3-3_str	BOBJ1	208.11	After	Interior Girder 6	16.85	0.95	1	1	4.478121
Type 3-3_str	BOBJ1	208.11	After	Right Exterior Girder	16.85	0.95	1	1	5.20001
Type 3-3_str	BOBJ1	216.535	Before	Left Exterior Girder	25.275	0.95	1	1	3.108095
Type 3-3_str	BOBJ1	216.535	Before	Interior Girder 1	25.275	0.95	1	1	2.734173
Type 3-3_str	BOBJ1	216.535	Before	Interior Girder 2	25.275	0.95	1	1	2.641437
Type 3-3_str	BOBJ1	216.535	Before	Interior Girder 3	25.275	0.95	1	1	2.53366
Type 3-3_str	BOBJ1	216.535	Before	Interior Girder 4	25.275	0.95	1	1	2.53366
Type 3-3_str	BOBJ1	216.535	Before	Interior Girder 5	25.275	0.95	1	1	2.641437
Type 3-3_str	BOBJ1	216.535	Before	Interior Girder 6	25.275	0.95	1	1	2.734173
Type 3-3_str	BOBJ1	216.535	Before	Right Exterior Girder	25.275	0.95	1	1	3.108095
Type 3-3_str	BOBJ1	216.535	After	Left Exterior Girder	25.275	0.95	1	1	3.168029
Type 3-3_str	BOBJ1	216.535	After	Interior Girder 1	25.275	0.95	1	1	2.706047
Type 3-3_str	BOBJ1	216.535	After	Interior Girder 2	25.275	0.95	1	1	2.640232
Type 3-3_str	BOBJ1	216.535	After	Interior Girder 3	25.275	0.95	1	1	2.560563
Type 3-3_str	BOBJ1	216.535	After	Interior Girder 4	25.275	0.95	1	1	2.560563
Type 3-3_str	BOBJ1	216.535	After	Interior Girder 5	25.275	0.95	1	1	2.640232
Type 3-3_str	BOBJ1	216.535	After	Interior Girder 6	25.275	0.95	1	1	2.706047
Type 3-3_str	BOBJ1	216.535	After	Right Exterior Girder	25.275	0.95	1	1	3.168029
Type 3-3_str	BOBJ1	224.96	Before	Left Exterior Girder	33.7	0.95	1	1	2.552835
Type 3-3_str	BOBJ1	224.96	Before	Interior Girder 1	33.7	0.95	1	1	2.573411
Type 3-3_str	BOBJ1	224.96	Before	Interior Girder 2	33.7	0.95	1	1	2.548197
Type 3-3_str	BOBJ1	224.96	Before	Interior Girder 3	33.7	0.95	1	1	2.48717
Type 3-3_str	BOBJ1	224.96	Before	Interior Girder 4	33.7	0.95	1	1	2.48717
Type 3-3_str	BOBJ1	224.96	Before	Interior Girder 5	33.7	0.95	1	1	2.548197
Type 3-3_str	BOBJ1	224.96	Before	Interior Girder 6	33.7	0.95	1	1	2.573411
Type 3-3_str	BOBJ1	224.96	Before	Right Exterior Girder	33.7	0.95	1	1	2.552835
Type 3-3_str	BOBJ1	224.96	After	Left Exterior Girder	33.7	0.95	1	1	2.549411
Type 3-3_str	BOBJ1	224.96	After	Interior Girder 1	33.7	0.95	1	1	2.573351
Type 3-3_str	BOBJ1	224.96	After	Interior Girder 2	33.7	0.95	1	1	2.549495
Type 3-3_str	BOBJ1	224.96	After	Interior Girder 3	33.7	0.95	1	1	2.487664
Type 3-3_str	BOBJ1	224.96	After	Interior Girder 4	33.7	0.95	1	1	2.487664
Type 3-3_str	BOBJ1	224.96	After	Interior Girder 5	33.7	0.95	1	1	2.549495
Type 3-3_str	BOBJ1	224.96	After	Interior Girder 6	33.7	0.95	1	1	2.573351
Type 3-3_str	BOBJ1	224.96	After	Right Exterior Girder	33.7	0.95	1	1	2.549411
Type 3-3_str	BOBJ1	233.385	Before	Left Exterior Girder	42.125	0.95	1	1	3.250192
Type 3-3_str	BOBJ1	233.385	Before	Interior Girder 1	42.125	0.95	1	1	2.734225
Type 3-3_str	BOBJ1	233.385	Before	Interior Girder 2	42.125	0.95	1	1	2.657253
Type 3-3_str	BOBJ1	233.385	Before	Interior Girder 3	42.125	0.95	1	1	2.572404
Type 3-3_str	BOBJ1	233.385	Before	Interior Girder 4	42.125	0.95	1	1	2.572404
Type 3-3_str	BOBJ1	233.385	Before	Interior Girder 5	42.125	0.95	1	1	2.657253
Type 3-3_str	BOBJ1	233.385	Before	Interior Girder 6	42.125	0.95	1	1	2.734225
Type 3-3_str	BOBJ1	233.385	Before	Right Exterior Girder	42.125	0.95	1	1	3.250192
Type 3-3_str	BOBJ1	233.385	After	Left Exterior Girder	42.125	0.95	1	1	3.180704
Type 3-3_str	BOBJ1	233.385	After	Interior Girder 1	42.125	0.95	1	1	2.764871
Type 3-3_str	BOBJ1	233.385	After	Interior Girder 2	42.125	0.95	1	1	2.659583
Type 3-3_str	BOBJ1	233.385	After	Interior Girder 3	42.125	0.95	1	1	2.544732
Type 3-3_str	BOBJ1	233.385	After	Interior Girder 4	42.125	0.95	1	1	2.544732
Type 3-3_str	BOBJ1	233.385	After	Interior Girder 5	42.125	0.95	1	1	2.659583
Type 3-3_str	BOBJ1	233.385	After	Interior Girder 6	42.125	0.95	1	1	2.764871

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelINonCompStrgth-Flx - Approach, Span 7-11									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Type 3-3_str	BOBJ1	233.385	After	Right Exterior Girder	42.125	0.95	1	1	3.180704
Type 3-3_str	BOBJ1	241.81	Before	Left Exterior Girder	50.55	0.95	1	1	5.547077
Type 3-3_str	BOBJ1	241.81	Before	Interior Girder 1	50.55	0.95	1	1	4.680071
Type 3-3_str	BOBJ1	241.81	Before	Interior Girder 2	50.55	0.95	1	1	4.344426
Type 3-3_str	BOBJ1	241.81	Before	Interior Girder 3	50.55	0.95	1	1	4.314587
Type 3-3_str	BOBJ1	241.81	Before	Interior Girder 4	50.55	0.95	1	1	4.314587
Type 3-3_str	BOBJ1	241.81	Before	Interior Girder 5	50.55	0.95	1	1	4.344426
Type 3-3_str	BOBJ1	241.81	Before	Interior Girder 6	50.55	0.95	1	1	4.680071
Type 3-3_str	BOBJ1	241.81	Before	Right Exterior Girder	50.55	0.95	1	1	5.547077
Type 3-3_str	BOBJ1	241.81	After	Left Exterior Girder	50.55	0.95	1	1	5.396445
Type 3-3_str	BOBJ1	241.81	After	Interior Girder 1	50.55	0.95	1	1	4.789999
Type 3-3_str	BOBJ1	241.81	After	Interior Girder 2	50.55	0.95	1	1	4.374528
Type 3-3_str	BOBJ1	241.81	After	Interior Girder 3	50.55	0.95	1	1	4.285596
Type 3-3_str	BOBJ1	241.81	After	Interior Girder 4	50.55	0.95	1	1	4.285596
Type 3-3_str	BOBJ1	241.81	After	Interior Girder 5	50.55	0.95	1	1	4.374528
Type 3-3_str	BOBJ1	241.81	After	Interior Girder 6	50.55	0.95	1	1	4.789999
Type 3-3_str	BOBJ1	241.81	After	Right Exterior Girder	50.55	0.95	1	1	5.396445
Type 3-3_str	BOBJ1	245.18	Before	Left Exterior Girder	53.92	0.95	1	1	6.026795
Type 3-3_str	BOBJ1	245.18	Before	Interior Girder 1	53.92	0.95	1	1	6.088004
Type 3-3_str	BOBJ1	245.18	Before	Interior Girder 2	53.92	0.95	1	1	5.647546
Type 3-3_str	BOBJ1	245.18	Before	Interior Girder 3	53.92	0.95	1	1	5.586805
Type 3-3_str	BOBJ1	245.18	Before	Interior Girder 4	53.92	0.95	1	1	5.586805
Type 3-3_str	BOBJ1	245.18	Before	Interior Girder 5	53.92	0.95	1	1	5.647546
Type 3-3_str	BOBJ1	245.18	Before	Interior Girder 6	53.92	0.95	1	1	6.088004
Type 3-3_str	BOBJ1	245.18	Before	Right Exterior Girder	53.92	0.95	1	1	6.026795
Type 3-3_str	BOBJ1	245.18	After	Left Exterior Girder	53.92	0.95	1	1	7.05419
Type 3-3_str	BOBJ1	245.18	After	Interior Girder 1	53.92	0.95	1	1	6.506621
Type 3-3_str	BOBJ1	245.18	After	Interior Girder 2	53.92	0.95	1	1	6.020175
Type 3-3_str	BOBJ1	245.18	After	Interior Girder 3	53.92	0.95	1	1	5.877963
Type 3-3_str	BOBJ1	245.18	After	Interior Girder 4	53.92	0.95	1	1	5.877963
Type 3-3_str	BOBJ1	245.18	After	Interior Girder 5	53.92	0.95	1	1	6.020175
Type 3-3_str	BOBJ1	245.18	After	Interior Girder 6	53.92	0.95	1	1	6.506621
Type 3-3_str	BOBJ1	245.18	After	Right Exterior Girder	53.92	0.95	1	1	7.05419
Type 3-3_str	BOBJ1	250.245	Before	Left Exterior Girder	58.985	0.95	1	1	5.010371
Type 3-3_str	BOBJ1	250.245	Before	Interior Girder 1	58.985	0.95	1	1	4.965951
Type 3-3_str	BOBJ1	250.245	Before	Interior Girder 2	58.985	0.95	1	1	4.799585
Type 3-3_str	BOBJ1	250.245	Before	Interior Girder 3	58.985	0.95	1	1	4.587225
Type 3-3_str	BOBJ1	250.245	Before	Interior Girder 4	58.985	0.95	1	1	4.587225
Type 3-3_str	BOBJ1	250.245	Before	Interior Girder 5	58.985	0.95	1	1	4.799585
Type 3-3_str	BOBJ1	250.245	Before	Interior Girder 6	58.985	0.95	1	1	4.965951
Type 3-3_str	BOBJ1	250.245	Before	Right Exterior Girder	58.985	0.95	1	1	5.010371
Type 3-3_str	BOBJ1	250.245	After	Left Exterior Girder	58.985	0.95	1	1	5.079697
Type 3-3_str	BOBJ1	250.245	After	Interior Girder 1	58.985	0.95	1	1	4.89778
Type 3-3_str	BOBJ1	250.245	After	Interior Girder 2	58.985	0.95	1	1	4.742281
Type 3-3_str	BOBJ1	250.245	After	Interior Girder 3	58.985	0.95	1	1	4.559688
Type 3-3_str	BOBJ1	250.245	After	Interior Girder 4	58.985	0.95	1	1	4.559688
Type 3-3_str	BOBJ1	250.245	After	Interior Girder 5	58.985	0.95	1	1	4.742281
Type 3-3_str	BOBJ1	250.245	After	Interior Girder 6	58.985	0.95	1	1	4.89778
Type 3-3_str	BOBJ1	250.245	After	Right Exterior Girder	58.985	0.95	1	1	5.079697
Type 3-3_str	BOBJ1	251.68	Before	Left Exterior Girder	60.42	0.95	1	1	4.491774
Type 3-3_str	BOBJ1	251.68	Before	Right Exterior Girder	60.42	0.95	1	1	4.491774
Type 3-3_str	BOBJ1	251.68	After	Left Exterior Girder	60.42	0.95	1	1	8.167236
Type 3-3_str	BOBJ1	251.68	After	Right Exterior Girder	60.42	0.95	1	1	8.167236
Type 3-3_str	BOBJ1	254.18	Before	Interior Girder 1	62.92	0.95	1	1	3.622974
Type 3-3_str	BOBJ1	254.18	Before	Interior Girder 2	62.92	0.95	1	1	3.506144
Type 3-3_str	BOBJ1	254.18	Before	Interior Girder 3	62.92	0.95	1	1	3.011918
Type 3-3_str	BOBJ1	254.18	Before	Interior Girder 4	62.92	0.95	1	1	3.011918
Type 3-3_str	BOBJ1	254.18	Before	Interior Girder 5	62.92	0.95	1	1	3.506144
Type 3-3_str	BOBJ1	254.18	Before	Interior Girder 6	62.92	0.95	1	1	3.622974
Type 3-3_str	BOBJ1	254.18	After	Interior Girder 1	62.92	0.95	1	1	4.578711
Type 3-3_str	BOBJ1	254.18	After	Interior Girder 2	62.92	0.95	1	1	4.320874
Type 3-3_str	BOBJ1	254.18	After	Interior Girder 3	62.92	0.95	1	1	3.787249
Type 3-3_str	BOBJ1	254.18	After	Interior Girder 4	62.92	0.95	1	1	3.787249
Type 3-3_str	BOBJ1	254.18	After	Interior Girder 5	62.92	0.95	1	1	4.320874
Type 3-3_str	BOBJ1	254.18	After	Interior Girder 6	62.92	0.95	1	1	4.578711

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelINonCompStrgth-Flx - Approach, Span 7-11									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Type 3-3_str	BOBJ1	258.68	Before	Left Exterior Girder	67.42	0.95	1	1	3.52546
Type 3-3_str	BOBJ1	258.68	Before	Interior Girder 1	67.42	0.95	1	1	2.229917
Type 3-3_str	BOBJ1	258.68	Before	Interior Girder 2	67.42	0.95	1	1	2.220327
Type 3-3_str	BOBJ1	258.68	Before	Interior Girder 3	67.42	0.95	1	1	1.766618
Type 3-3_str	BOBJ1	258.68	Before	Interior Girder 4	67.42	0.95	1	1	1.766618
Type 3-3_str	BOBJ1	258.68	Before	Interior Girder 5	67.42	0.95	1	1	2.220327
Type 3-3_str	BOBJ1	258.68	Before	Interior Girder 6	67.42	0.95	1	1	2.229917
Type 3-3_str	BOBJ1	258.68	Before	Right Exterior Girder	67.42	0.95	1	1	3.52546
Type 3-3_str	BOBJ1	258.68	After	Left Exterior Girder	0	0.95	1	1	3.319929
Type 3-3_str	BOBJ1	258.68	After	Interior Girder 1	0	0.95	1	1	2.126763
Type 3-3_str	BOBJ1	258.68	After	Interior Girder 2	0	0.95	1	1	2.126294
Type 3-3_str	BOBJ1	258.68	After	Interior Girder 3	0	0.95	1	1	1.693334
Type 3-3_str	BOBJ1	258.68	After	Interior Girder 4	0	0.95	1	1	1.693334
Type 3-3_str	BOBJ1	258.68	After	Interior Girder 5	0	0.95	1	1	2.126294
Type 3-3_str	BOBJ1	258.68	After	Interior Girder 6	0	0.95	1	1	2.126763
Type 3-3_str	BOBJ1	258.68	After	Right Exterior Girder	0	0.95	1	1	3.319929
Type 3-3_str	BOBJ1	263.18	Before	Interior Girder 1	4.5	0.95	1	1	3.685659
Type 3-3_str	BOBJ1	263.18	Before	Interior Girder 2	4.5	0.95	1	1	3.650521
Type 3-3_str	BOBJ1	263.18	Before	Interior Girder 3	4.5	0.95	1	1	3.397618
Type 3-3_str	BOBJ1	263.18	Before	Interior Girder 4	4.5	0.95	1	1	3.397618
Type 3-3_str	BOBJ1	263.18	Before	Interior Girder 5	4.5	0.95	1	1	3.650521
Type 3-3_str	BOBJ1	263.18	Before	Interior Girder 6	4.5	0.95	1	1	3.685659
Type 3-3_str	BOBJ1	263.18	After	Interior Girder 1	4.5	0.95	1	1	2.948254
Type 3-3_str	BOBJ1	263.18	After	Interior Girder 2	4.5	0.95	1	1	2.989405
Type 3-3_str	BOBJ1	263.18	After	Interior Girder 3	4.5	0.95	1	1	2.751339
Type 3-3_str	BOBJ1	263.18	After	Interior Girder 4	4.5	0.95	1	1	2.751339
Type 3-3_str	BOBJ1	263.18	After	Interior Girder 5	4.5	0.95	1	1	2.989405
Type 3-3_str	BOBJ1	263.18	After	Interior Girder 6	4.5	0.95	1	1	2.948254
Type 3-3_str	BOBJ1	265.68	Before	Left Exterior Girder	7	0.95	1	1	5.950984
Type 3-3_str	BOBJ1	265.68	Before	Right Exterior Girder	7	0.95	1	1	5.950984
Type 3-3_str	BOBJ1	265.68	After	Left Exterior Girder	7	0.95	1	1	3.28321
Type 3-3_str	BOBJ1	265.68	After	Right Exterior Girder	7	0.95	1	1	3.28321
Type 3-3_str	BOBJ1	268.08	Before	Left Exterior Girder	9.4	0.95	1	1	4.040294
Type 3-3_str	BOBJ1	268.08	Before	Interior Girder 1	9.4	0.95	1	1	4.030894
Type 3-3_str	BOBJ1	268.08	Before	Interior Girder 2	9.4	0.95	1	1	4.044278
Type 3-3_str	BOBJ1	268.08	Before	Interior Girder 3	9.4	0.95	1	1	3.982332
Type 3-3_str	BOBJ1	268.08	Before	Interior Girder 4	9.4	0.95	1	1	3.982332
Type 3-3_str	BOBJ1	268.08	Before	Interior Girder 5	9.4	0.95	1	1	4.044278
Type 3-3_str	BOBJ1	268.08	Before	Interior Girder 6	9.4	0.95	1	1	4.030894
Type 3-3_str	BOBJ1	268.08	Before	Right Exterior Girder	9.4	0.95	1	1	4.040294
Type 3-3_str	BOBJ1	268.08	After	Left Exterior Girder	9.4	0.95	1	1	3.931647
Type 3-3_str	BOBJ1	268.08	After	Interior Girder 1	9.4	0.95	1	1	4.116903
Type 3-3_str	BOBJ1	268.08	After	Interior Girder 2	9.4	0.95	1	1	4.103197
Type 3-3_str	BOBJ1	268.08	After	Interior Girder 3	9.4	0.95	1	1	3.99543
Type 3-3_str	BOBJ1	268.08	After	Interior Girder 4	9.4	0.95	1	1	3.99543
Type 3-3_str	BOBJ1	268.08	After	Interior Girder 5	9.4	0.95	1	1	4.103197
Type 3-3_str	BOBJ1	268.08	After	Interior Girder 6	9.4	0.95	1	1	4.116903
Type 3-3_str	BOBJ1	268.08	After	Right Exterior Girder	9.4	0.95	1	1	3.931647
Type 3-3_str	BOBJ1	277.48	Before	Left Exterior Girder	18.8	0.95	1	1	4.486024
Type 3-3_str	BOBJ1	277.48	Before	Interior Girder 1	18.8	0.95	1	1	3.994034
Type 3-3_str	BOBJ1	277.48	Before	Interior Girder 2	18.8	0.95	1	1	3.673628
Type 3-3_str	BOBJ1	277.48	Before	Interior Girder 3	18.8	0.95	1	1	3.557949
Type 3-3_str	BOBJ1	277.48	Before	Interior Girder 4	18.8	0.95	1	1	3.557949
Type 3-3_str	BOBJ1	277.48	Before	Interior Girder 5	18.8	0.95	1	1	3.673628
Type 3-3_str	BOBJ1	277.48	Before	Interior Girder 6	18.8	0.95	1	1	3.994034
Type 3-3_str	BOBJ1	277.48	Before	Right Exterior Girder	18.8	0.95	1	1	4.486024
Type 3-3_str	BOBJ1	277.48	After	Left Exterior Girder	18.8	0.95	1	1	4.600357
Type 3-3_str	BOBJ1	277.48	After	Interior Girder 1	18.8	0.95	1	1	3.91325
Type 3-3_str	BOBJ1	277.48	After	Interior Girder 2	18.8	0.95	1	1	3.676645
Type 3-3_str	BOBJ1	277.48	After	Interior Girder 3	18.8	0.95	1	1	3.616672
Type 3-3_str	BOBJ1	277.48	After	Interior Girder 4	18.8	0.95	1	1	3.616672
Type 3-3_str	BOBJ1	277.48	After	Interior Girder 5	18.8	0.95	1	1	3.676645
Type 3-3_str	BOBJ1	277.48	After	Interior Girder 6	18.8	0.95	1	1	3.91325
Type 3-3_str	BOBJ1	277.48	After	Right Exterior Girder	18.8	0.95	1	1	4.600357
Type 3-3_str	BOBJ1	286.88	Before	Left Exterior Girder	28.2	0.95	1	1	3.184634

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelINonCompStrgth-Flx - Approach, Span 7-11									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Type 3-3_str	BOBJ1	286.88	Before	Interior Girder 1	28.2	0.95	1	1	2.635845
Type 3-3_str	BOBJ1	286.88	Before	Interior Girder 2	28.2	0.95	1	1	2.52025
Type 3-3_str	BOBJ1	286.88	Before	Interior Girder 3	28.2	0.95	1	1	2.417956
Type 3-3_str	BOBJ1	286.88	Before	Interior Girder 4	28.2	0.95	1	1	2.417956
Type 3-3_str	BOBJ1	286.88	Before	Interior Girder 5	28.2	0.95	1	1	2.52025
Type 3-3_str	BOBJ1	286.88	Before	Interior Girder 6	28.2	0.95	1	1	2.635845
Type 3-3_str	BOBJ1	286.88	Before	Right Exterior Girder	28.2	0.95	1	1	3.184634
Type 3-3_str	BOBJ1	286.88	After	Left Exterior Girder	28.2	0.95	1	1	3.20526
Type 3-3_str	BOBJ1	286.88	After	Interior Girder 1	28.2	0.95	1	1	2.625758
Type 3-3_str	BOBJ1	286.88	After	Interior Girder 2	28.2	0.95	1	1	2.519879
Type 3-3_str	BOBJ1	286.88	After	Interior Girder 3	28.2	0.95	1	1	2.425295
Type 3-3_str	BOBJ1	286.88	After	Interior Girder 4	28.2	0.95	1	1	2.425295
Type 3-3_str	BOBJ1	286.88	After	Interior Girder 5	28.2	0.95	1	1	2.519879
Type 3-3_str	BOBJ1	286.88	After	Interior Girder 6	28.2	0.95	1	1	2.625758
Type 3-3_str	BOBJ1	286.88	After	Right Exterior Girder	28.2	0.95	1	1	3.20526
Type 3-3_str	BOBJ1	296.28	Before	Left Exterior Girder	37.6	0.95	1	1	2.921677
Type 3-3_str	BOBJ1	296.28	Before	Interior Girder 1	37.6	0.95	1	1	2.636491
Type 3-3_str	BOBJ1	296.28	Before	Interior Girder 2	37.6	0.95	1	1	2.542553
Type 3-3_str	BOBJ1	296.28	Before	Interior Girder 3	37.6	0.95	1	1	2.505002
Type 3-3_str	BOBJ1	296.28	Before	Interior Girder 4	37.6	0.95	1	1	2.505002
Type 3-3_str	BOBJ1	296.28	Before	Interior Girder 5	37.6	0.95	1	1	2.542553
Type 3-3_str	BOBJ1	296.28	Before	Interior Girder 6	37.6	0.95	1	1	2.636491
Type 3-3_str	BOBJ1	296.28	Before	Right Exterior Girder	37.6	0.95	1	1	2.921677
Type 3-3_str	BOBJ1	296.28	After	Left Exterior Girder	37.6	0.95	1	1	2.881887
Type 3-3_str	BOBJ1	296.28	After	Interior Girder 1	37.6	0.95	1	1	2.666587
Type 3-3_str	BOBJ1	296.28	After	Interior Girder 2	37.6	0.95	1	1	2.538204
Type 3-3_str	BOBJ1	296.28	After	Interior Girder 3	37.6	0.95	1	1	2.480312
Type 3-3_str	BOBJ1	296.28	After	Interior Girder 4	37.6	0.95	1	1	2.480312
Type 3-3_str	BOBJ1	296.28	After	Interior Girder 5	37.6	0.95	1	1	2.538204
Type 3-3_str	BOBJ1	296.28	After	Interior Girder 6	37.6	0.95	1	1	2.666587
Type 3-3_str	BOBJ1	296.28	After	Right Exterior Girder	37.6	0.95	1	1	2.881887
Type 3-3_str	BOBJ1	305.69	Before	Left Exterior Girder	47.01	0.95	1	1	5.127943
Type 3-3_str	BOBJ1	305.69	Before	Interior Girder 1	47.01	0.95	1	1	3.570489
Type 3-3_str	BOBJ1	305.69	Before	Interior Girder 2	47.01	0.95	1	1	3.446454
Type 3-3_str	BOBJ1	305.69	Before	Interior Girder 3	47.01	0.95	1	1	3.287825
Type 3-3_str	BOBJ1	305.69	Before	Interior Girder 4	47.01	0.95	1	1	3.287825
Type 3-3_str	BOBJ1	305.69	Before	Interior Girder 5	47.01	0.95	1	1	3.446454
Type 3-3_str	BOBJ1	305.69	Before	Interior Girder 6	47.01	0.95	1	1	3.570489
Type 3-3_str	BOBJ1	305.69	Before	Right Exterior Girder	47.01	0.95	1	1	5.127943
Type 3-3_str	BOBJ1	305.69	After	Left Exterior Girder	47.01	0.95	1	1	5.071503
Type 3-3_str	BOBJ1	305.69	After	Interior Girder 1	47.01	0.95	1	1	3.597235
Type 3-3_str	BOBJ1	305.69	After	Interior Girder 2	47.01	0.95	1	1	3.384226
Type 3-3_str	BOBJ1	305.69	After	Interior Girder 3	47.01	0.95	1	1	3.170919
Type 3-3_str	BOBJ1	305.69	After	Interior Girder 4	47.01	0.95	1	1	3.170919
Type 3-3_str	BOBJ1	305.69	After	Interior Girder 5	47.01	0.95	1	1	3.384226
Type 3-3_str	BOBJ1	305.69	After	Interior Girder 6	47.01	0.95	1	1	3.597235
Type 3-3_str	BOBJ1	305.69	After	Right Exterior Girder	47.01	0.95	1	1	5.071503
Type 3-3_str	BOBJ1	315.1	Before	Left Exterior Girder	56.42	0.95	1	1	378.865187
Type 3-3_str	BOBJ1	315.1	Before	Interior Girder 1	56.42	0.95	1	1	325.326027
Type 3-3_str	BOBJ1	315.1	Before	Interior Girder 2	56.42	0.95	1	1	278.284664
Type 3-3_str	BOBJ1	315.1	Before	Interior Girder 3	56.42	0.95	1	1	198.051627
Type 3-3_str	BOBJ1	315.1	Before	Interior Girder 4	56.42	0.95	1	1	198.051626
Type 3-3_str	BOBJ1	315.1	Before	Interior Girder 5	56.42	0.95	1	1	278.284665
Type 3-3_str	BOBJ1	315.1	Before	Interior Girder 6	56.42	0.95	1	1	325.326027
Type 3-3_str	BOBJ1	315.1	Before	Right Exterior Girder	56.42	0.95	1	1	378.865189
EV2_str	BOBJ1	0	After	Left Exterior Girder	0	0.95	1	1	308.888156
EV2_str	BOBJ1	0	After	Interior Girder 1	0	0.95	1	1	271.432873
EV2_str	BOBJ1	0	After	Interior Girder 2	0	0.95	1	1	208.494426
EV2_str	BOBJ1	0	After	Interior Girder 3	0	0.95	1	1	147.162839
EV2_str	BOBJ1	0	After	Interior Girder 4	0	0.95	1	1	147.162839
EV2_str	BOBJ1	0	After	Interior Girder 5	0	0.95	1	1	208.494426
EV2_str	BOBJ1	0	After	Interior Girder 6	0	0.95	1	1	271.432876
EV2_str	BOBJ1	0	After	Right Exterior Girder	0	0.95	1	1	308.888157
EV2_str	BOBJ1	9.4	Before	Left Exterior Girder	9.4	0.95	1	1	4.04174
EV2_str	BOBJ1	9.4	Before	Interior Girder 1	9.4	0.95	1	1	2.676085

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelINonCompStrgth-Flx - Approach, Span 7-11									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
EV2_str	BOBJ1	9.4	Before	Interior Girder 2	9.4	0.95	1	1	2.520814
EV2_str	BOBJ1	9.4	Before	Interior Girder 3	9.4	0.95	1	1	2.28758
EV2_str	BOBJ1	9.4	Before	Interior Girder 4	9.4	0.95	1	1	2.28758
EV2_str	BOBJ1	9.4	Before	Interior Girder 5	9.4	0.95	1	1	2.520814
EV2_str	BOBJ1	9.4	Before	Interior Girder 6	9.4	0.95	1	1	2.676085
EV2_str	BOBJ1	9.4	Before	Right Exterior Girder	9.4	0.95	1	1	4.04174
EV2_str	BOBJ1	9.4	After	Left Exterior Girder	9.4	0.95	1	1	4.053124
EV2_str	BOBJ1	9.4	After	Interior Girder 1	9.4	0.95	1	1	2.666006
EV2_str	BOBJ1	9.4	After	Interior Girder 2	9.4	0.95	1	1	2.562492
EV2_str	BOBJ1	9.4	After	Interior Girder 3	9.4	0.95	1	1	2.3658
EV2_str	BOBJ1	9.4	After	Interior Girder 4	9.4	0.95	1	1	2.3658
EV2_str	BOBJ1	9.4	After	Interior Girder 5	9.4	0.95	1	1	2.562492
EV2_str	BOBJ1	9.4	After	Interior Girder 6	9.4	0.95	1	1	2.666006
EV2_str	BOBJ1	9.4	After	Right Exterior Girder	9.4	0.95	1	1	4.053124
EV2_str	BOBJ1	18.8	Before	Left Exterior Girder	18.8	0.95	1	1	2.239135
EV2_str	BOBJ1	18.8	Before	Interior Girder 1	18.8	0.95	1	1	1.971901
EV2_str	BOBJ1	18.8	Before	Interior Girder 2	18.8	0.95	1	1	1.879458
EV2_str	BOBJ1	18.8	Before	Interior Girder 3	18.8	0.95	1	1	1.846682
EV2_str	BOBJ1	18.8	Before	Interior Girder 4	18.8	0.95	1	1	1.846682
EV2_str	BOBJ1	18.8	Before	Interior Girder 5	18.8	0.95	1	1	1.879458
EV2_str	BOBJ1	18.8	Before	Interior Girder 6	18.8	0.95	1	1	1.971901
EV2_str	BOBJ1	18.8	Before	Right Exterior Girder	18.8	0.95	1	1	2.239135
EV2_str	BOBJ1	18.8	After	Left Exterior Girder	18.8	0.95	1	1	2.266986
EV2_str	BOBJ1	18.8	After	Interior Girder 1	18.8	0.95	1	1	1.954094
EV2_str	BOBJ1	18.8	After	Interior Girder 2	18.8	0.95	1	1	1.881044
EV2_str	BOBJ1	18.8	After	Interior Girder 3	18.8	0.95	1	1	1.860013
EV2_str	BOBJ1	18.8	After	Interior Girder 4	18.8	0.95	1	1	1.860013
EV2_str	BOBJ1	18.8	After	Interior Girder 5	18.8	0.95	1	1	1.881044
EV2_str	BOBJ1	18.8	After	Interior Girder 6	18.8	0.95	1	1	1.954094
EV2_str	BOBJ1	18.8	After	Right Exterior Girder	18.8	0.95	1	1	2.266986
EV2_str	BOBJ1	28.2	Before	Left Exterior Girder	28.2	0.95	1	1	2.53075
EV2_str	BOBJ1	28.2	Before	Interior Girder 1	28.2	0.95	1	1	1.912385
EV2_str	BOBJ1	28.2	Before	Interior Girder 2	28.2	0.95	1	1	1.853664
EV2_str	BOBJ1	28.2	Before	Interior Girder 3	28.2	0.95	1	1	1.776644
EV2_str	BOBJ1	28.2	Before	Interior Girder 4	28.2	0.95	1	1	1.776644
EV2_str	BOBJ1	28.2	Before	Interior Girder 5	28.2	0.95	1	1	1.853664
EV2_str	BOBJ1	28.2	Before	Interior Girder 6	28.2	0.95	1	1	1.912385
EV2_str	BOBJ1	28.2	Before	Right Exterior Girder	28.2	0.95	1	1	2.53075
EV2_str	BOBJ1	28.2	After	Left Exterior Girder	28.2	0.95	1	1	2.521865
EV2_str	BOBJ1	28.2	After	Interior Girder 1	28.2	0.95	1	1	1.91582
EV2_str	BOBJ1	28.2	After	Interior Girder 2	28.2	0.95	1	1	1.849554
EV2_str	BOBJ1	28.2	After	Interior Girder 3	28.2	0.95	1	1	1.766663
EV2_str	BOBJ1	28.2	After	Interior Girder 4	28.2	0.95	1	1	1.766663
EV2_str	BOBJ1	28.2	After	Interior Girder 5	28.2	0.95	1	1	1.849554
EV2_str	BOBJ1	28.2	After	Interior Girder 6	28.2	0.95	1	1	1.91582
EV2_str	BOBJ1	28.2	After	Right Exterior Girder	28.2	0.95	1	1	2.521865
EV2_str	BOBJ1	37.6	Before	Left Exterior Girder	37.6	0.95	1	1	3.58026
EV2_str	BOBJ1	37.6	Before	Interior Girder 1	37.6	0.95	1	1	2.879817
EV2_str	BOBJ1	37.6	Before	Interior Girder 2	37.6	0.95	1	1	2.703171
EV2_str	BOBJ1	37.6	Before	Interior Girder 3	37.6	0.95	1	1	2.649591
EV2_str	BOBJ1	37.6	Before	Interior Girder 4	37.6	0.95	1	1	2.649591
EV2_str	BOBJ1	37.6	Before	Interior Girder 5	37.6	0.95	1	1	2.703171
EV2_str	BOBJ1	37.6	Before	Interior Girder 6	37.6	0.95	1	1	2.879817
EV2_str	BOBJ1	37.6	Before	Right Exterior Girder	37.6	0.95	1	1	3.58026
EV2_str	BOBJ1	37.6	After	Left Exterior Girder	37.6	0.95	1	1	3.496443
EV2_str	BOBJ1	37.6	After	Interior Girder 1	37.6	0.95	1	1	2.9302
EV2_str	BOBJ1	37.6	After	Interior Girder 2	37.6	0.95	1	1	2.700339
EV2_str	BOBJ1	37.6	After	Interior Girder 3	37.6	0.95	1	1	2.614336
EV2_str	BOBJ1	37.6	After	Interior Girder 4	37.6	0.95	1	1	2.614336
EV2_str	BOBJ1	37.6	After	Interior Girder 5	37.6	0.95	1	1	2.700339
EV2_str	BOBJ1	37.6	After	Interior Girder 6	37.6	0.95	1	1	2.9302
EV2_str	BOBJ1	37.6	After	Right Exterior Girder	37.6	0.95	1	1	3.496443
EV2_str	BOBJ1	47.01	Before	Left Exterior Girder	47.01	0.95	1	1	3.749497
EV2_str	BOBJ1	47.01	Before	Interior Girder 1	47.01	0.95	1	1	3.958663
EV2_str	BOBJ1	47.01	Before	Interior Girder 2	47.01	0.95	1	1	3.929819

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelINonCompStrgth-Flx - Approach, Span 7-11									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
EV2_str	BOBJ1	47.01	Before	Interior Girder 3	47.01	0.95	1	1	3.818171
EV2_str	BOBJ1	47.01	Before	Interior Girder 4	47.01	0.95	1	1	3.818171
EV2_str	BOBJ1	47.01	Before	Interior Girder 5	47.01	0.95	1	1	3.929819
EV2_str	BOBJ1	47.01	Before	Interior Girder 6	47.01	0.95	1	1	3.958663
EV2_str	BOBJ1	47.01	Before	Right Exterior Girder	47.01	0.95	1	1	3.749497
EV2_str	BOBJ1	47.01	After	Left Exterior Girder	47.01	0.95	1	1	3.843446
EV2_str	BOBJ1	47.01	After	Interior Girder 1	47.01	0.95	1	1	3.881207
EV2_str	BOBJ1	47.01	After	Interior Girder 2	47.01	0.95	1	1	3.877183
EV2_str	BOBJ1	47.01	After	Interior Girder 3	47.01	0.95	1	1	3.804331
EV2_str	BOBJ1	47.01	After	Interior Girder 4	47.01	0.95	1	1	3.804331
EV2_str	BOBJ1	47.01	After	Interior Girder 5	47.01	0.95	1	1	3.877183
EV2_str	BOBJ1	47.01	After	Interior Girder 6	47.01	0.95	1	1	3.881207
EV2_str	BOBJ1	47.01	After	Right Exterior Girder	47.01	0.95	1	1	3.843446
EV2_str	BOBJ1	49.42	Before	Left Exterior Girder	49.42	0.95	1	1	3.109191
EV2_str	BOBJ1	49.42	Before	Right Exterior Girder	49.42	0.95	1	1	3.109191
EV2_str	BOBJ1	49.42	After	Left Exterior Girder	49.42	0.95	1	1	5.64607
EV2_str	BOBJ1	49.42	After	Right Exterior Girder	49.42	0.95	1	1	5.64607
EV2_str	BOBJ1	51.92	Before	Interior Girder 1	51.92	0.95	1	1	2.836833
EV2_str	BOBJ1	51.92	Before	Interior Girder 2	51.92	0.95	1	1	2.849643
EV2_str	BOBJ1	51.92	Before	Interior Girder 3	51.92	0.95	1	1	2.630839
EV2_str	BOBJ1	51.92	Before	Interior Girder 4	51.92	0.95	1	1	2.630839
EV2_str	BOBJ1	51.92	Before	Interior Girder 5	51.92	0.95	1	1	2.849643
EV2_str	BOBJ1	51.92	Before	Interior Girder 6	51.92	0.95	1	1	2.836833
EV2_str	BOBJ1	51.92	After	Interior Girder 1	51.92	0.95	1	1	3.569805
EV2_str	BOBJ1	51.92	After	Interior Girder 2	51.92	0.95	1	1	3.484517
EV2_str	BOBJ1	51.92	After	Interior Girder 3	51.92	0.95	1	1	3.260548
EV2_str	BOBJ1	51.92	After	Interior Girder 4	51.92	0.95	1	1	3.260548
EV2_str	BOBJ1	51.92	After	Interior Girder 5	51.92	0.95	1	1	3.484517
EV2_str	BOBJ1	51.92	After	Interior Girder 6	51.92	0.95	1	1	3.569805
EV2_str	BOBJ1	56.42	Before	Left Exterior Girder	56.42	0.95	1	1	3.538
EV2_str	BOBJ1	56.42	Before	Interior Girder 1	56.42	0.95	1	1	2.517353
EV2_str	BOBJ1	56.42	Before	Interior Girder 2	56.42	0.95	1	1	2.405812
EV2_str	BOBJ1	56.42	Before	Interior Girder 3	56.42	0.95	1	1	1.929137
EV2_str	BOBJ1	56.42	Before	Interior Girder 4	56.42	0.95	1	1	1.929137
EV2_str	BOBJ1	56.42	Before	Interior Girder 5	56.42	0.95	1	1	2.405812
EV2_str	BOBJ1	56.42	Before	Interior Girder 6	56.42	0.95	1	1	2.517353
EV2_str	BOBJ1	56.42	Before	Right Exterior Girder	56.42	0.95	1	1	3.538
EV2_str	BOBJ1	56.42	After	Left Exterior Girder	0	0.95	1	1	3.620985
EV2_str	BOBJ1	56.42	After	Interior Girder 1	0	0.95	1	1	2.507699
EV2_str	BOBJ1	56.42	After	Interior Girder 2	0	0.95	1	1	2.432432
EV2_str	BOBJ1	56.42	After	Interior Girder 3	0	0.95	1	1	1.991006
EV2_str	BOBJ1	56.42	After	Interior Girder 4	0	0.95	1	1	1.991006
EV2_str	BOBJ1	56.42	After	Interior Girder 5	0	0.95	1	1	2.432432
EV2_str	BOBJ1	56.42	After	Interior Girder 6	0	0.95	1	1	2.507699
EV2_str	BOBJ1	56.42	After	Right Exterior Girder	0	0.95	1	1	3.620985
EV2_str	BOBJ1	60.92	Before	Interior Girder 1	4.5	0.95	1	1	4.226557
EV2_str	BOBJ1	60.92	Before	Interior Girder 2	4.5	0.95	1	1	4.003559
EV2_str	BOBJ1	60.92	Before	Interior Girder 3	4.5	0.95	1	1	3.654117
EV2_str	BOBJ1	60.92	Before	Interior Girder 4	4.5	0.95	1	1	3.654117
EV2_str	BOBJ1	60.92	Before	Interior Girder 5	4.5	0.95	1	1	4.003559
EV2_str	BOBJ1	60.92	Before	Interior Girder 6	4.5	0.95	1	1	4.226557
EV2_str	BOBJ1	60.92	After	Interior Girder 1	4.5	0.95	1	1	3.380891
EV2_str	BOBJ1	60.92	After	Interior Girder 2	4.5	0.95	1	1	3.282619
EV2_str	BOBJ1	60.92	After	Interior Girder 3	4.5	0.95	1	1	2.959944
EV2_str	BOBJ1	60.92	After	Interior Girder 4	4.5	0.95	1	1	2.959944
EV2_str	BOBJ1	60.92	After	Interior Girder 5	4.5	0.95	1	1	3.282619
EV2_str	BOBJ1	60.92	After	Interior Girder 6	4.5	0.95	1	1	3.380891
EV2_str	BOBJ1	63.42	Before	Left Exterior Girder	7	0.95	1	1	7.024392
EV2_str	BOBJ1	63.42	Before	Right Exterior Girder	7	0.95	1	1	7.024392
EV2_str	BOBJ1	63.42	After	Left Exterior Girder	7	0.95	1	1	3.856939
EV2_str	BOBJ1	63.42	After	Right Exterior Girder	7	0.95	1	1	3.856939
EV2_str	BOBJ1	64.845	Before	Left Exterior Girder	8.425	0.95	1	1	4.349033
EV2_str	BOBJ1	64.845	Before	Interior Girder 1	8.425	0.95	1	1	4.344715
EV2_str	BOBJ1	64.845	Before	Interior Girder 2	8.425	0.95	1	1	4.189202
EV2_str	BOBJ1	64.845	Before	Interior Girder 3	8.425	0.95	1	1	4.062205

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelINonCompStrgth-Flx - Approach, Span 7-11									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
EV2_str	BOBJ1	64.845	Before	Interior Girder 4	8.425	0.95	1	1	4.062205
EV2_str	BOBJ1	64.845	Before	Interior Girder 5	8.425	0.95	1	1	4.189202
EV2_str	BOBJ1	64.845	Before	Interior Girder 6	8.425	0.95	1	1	4.344715
EV2_str	BOBJ1	64.845	Before	Right Exterior Girder	8.425	0.95	1	1	4.349033
EV2_str	BOBJ1	64.845	After	Left Exterior Girder	8.425	0.95	1	1	4.2989
EV2_str	BOBJ1	64.845	After	Interior Girder 1	8.425	0.95	1	1	4.39685
EV2_str	BOBJ1	64.845	After	Interior Girder 2	8.425	0.95	1	1	4.236654
EV2_str	BOBJ1	64.845	After	Interior Girder 3	8.425	0.95	1	1	4.085962
EV2_str	BOBJ1	64.845	After	Interior Girder 4	8.425	0.95	1	1	4.085962
EV2_str	BOBJ1	64.845	After	Interior Girder 5	8.425	0.95	1	1	4.236654
EV2_str	BOBJ1	64.845	After	Interior Girder 6	8.425	0.95	1	1	4.39685
EV2_str	BOBJ1	64.845	After	Right Exterior Girder	8.425	0.95	1	1	4.2989
EV2_str	BOBJ1	69.92	Before	Left Exterior Girder	13.5	0.95	1	1	6.067882
EV2_str	BOBJ1	69.92	Before	Interior Girder 1	13.5	0.95	1	1	4.598323
EV2_str	BOBJ1	69.92	Before	Interior Girder 2	13.5	0.95	1	1	4.161374
EV2_str	BOBJ1	69.92	Before	Interior Girder 3	13.5	0.95	1	1	3.97561
EV2_str	BOBJ1	69.92	Before	Interior Girder 4	13.5	0.95	1	1	3.97561
EV2_str	BOBJ1	69.92	Before	Interior Girder 5	13.5	0.95	1	1	4.161374
EV2_str	BOBJ1	69.92	Before	Interior Girder 6	13.5	0.95	1	1	4.598323
EV2_str	BOBJ1	69.92	Before	Right Exterior Girder	13.5	0.95	1	1	6.067882
EV2_str	BOBJ1	69.92	After	Left Exterior Girder	13.5	0.95	1	1	5.188913
EV2_str	BOBJ1	69.92	After	Interior Girder 1	13.5	0.95	1	1	4.296409
EV2_str	BOBJ1	69.92	After	Interior Girder 2	13.5	0.95	1	1	3.910988
EV2_str	BOBJ1	69.92	After	Interior Girder 3	13.5	0.95	1	1	3.80651
EV2_str	BOBJ1	69.92	After	Interior Girder 4	13.5	0.95	1	1	3.80651
EV2_str	BOBJ1	69.92	After	Interior Girder 5	13.5	0.95	1	1	3.910988
EV2_str	BOBJ1	69.92	After	Interior Girder 6	13.5	0.95	1	1	4.296409
EV2_str	BOBJ1	69.92	After	Right Exterior Girder	13.5	0.95	1	1	5.188913
EV2_str	BOBJ1	73.27	Before	Left Exterior Girder	16.85	0.95	1	1	4.270052
EV2_str	BOBJ1	73.27	Before	Interior Girder 1	16.85	0.95	1	1	3.437691
EV2_str	BOBJ1	73.27	Before	Interior Girder 2	16.85	0.95	1	1	3.151191
EV2_str	BOBJ1	73.27	Before	Interior Girder 3	16.85	0.95	1	1	3.044137
EV2_str	BOBJ1	73.27	Before	Interior Girder 4	16.85	0.95	1	1	3.044137
EV2_str	BOBJ1	73.27	Before	Interior Girder 5	16.85	0.95	1	1	3.151191
EV2_str	BOBJ1	73.27	Before	Interior Girder 6	16.85	0.95	1	1	3.437691
EV2_str	BOBJ1	73.27	Before	Right Exterior Girder	16.85	0.95	1	1	4.270052
EV2_str	BOBJ1	73.27	After	Left Exterior Girder	16.85	0.95	1	1	4.375977
EV2_str	BOBJ1	73.27	After	Interior Girder 1	16.85	0.95	1	1	3.381306
EV2_str	BOBJ1	73.27	After	Interior Girder 2	16.85	0.95	1	1	3.133774
EV2_str	BOBJ1	73.27	After	Interior Girder 3	16.85	0.95	1	1	3.062669
EV2_str	BOBJ1	73.27	After	Interior Girder 4	16.85	0.95	1	1	3.062669
EV2_str	BOBJ1	73.27	After	Interior Girder 5	16.85	0.95	1	1	3.133774
EV2_str	BOBJ1	73.27	After	Interior Girder 6	16.85	0.95	1	1	3.381306
EV2_str	BOBJ1	73.27	After	Right Exterior Girder	16.85	0.95	1	1	4.375977
EV2_str	BOBJ1	81.695	Before	Left Exterior Girder	25.275	0.95	1	1	2.630089
EV2_str	BOBJ1	81.695	Before	Interior Girder 1	25.275	0.95	1	1	2.088115
EV2_str	BOBJ1	81.695	Before	Interior Girder 2	25.275	0.95	1	1	2.01473
EV2_str	BOBJ1	81.695	Before	Interior Girder 3	25.275	0.95	1	1	1.93191
EV2_str	BOBJ1	81.695	Before	Interior Girder 4	25.275	0.95	1	1	1.93191
EV2_str	BOBJ1	81.695	Before	Interior Girder 5	25.275	0.95	1	1	2.01473
EV2_str	BOBJ1	81.695	Before	Interior Girder 6	25.275	0.95	1	1	2.088115
EV2_str	BOBJ1	81.695	Before	Right Exterior Girder	25.275	0.95	1	1	2.630089
EV2_str	BOBJ1	81.695	After	Left Exterior Girder	25.275	0.95	1	1	2.677157
EV2_str	BOBJ1	81.695	After	Interior Girder 1	25.275	0.95	1	1	2.071598
EV2_str	BOBJ1	81.695	After	Interior Girder 2	25.275	0.95	1	1	2.011889
EV2_str	BOBJ1	81.695	After	Interior Girder 3	25.275	0.95	1	1	1.950272
EV2_str	BOBJ1	81.695	After	Interior Girder 4	25.275	0.95	1	1	1.950272
EV2_str	BOBJ1	81.695	After	Interior Girder 5	25.275	0.95	1	1	2.011889
EV2_str	BOBJ1	81.695	After	Interior Girder 6	25.275	0.95	1	1	2.071598
EV2_str	BOBJ1	81.695	After	Right Exterior Girder	25.275	0.95	1	1	2.677157
EV2_str	BOBJ1	90.12	Before	Left Exterior Girder	33.7	0.95	1	1	2.133009
EV2_str	BOBJ1	90.12	Before	Interior Girder 1	33.7	0.95	1	1	1.972879
EV2_str	BOBJ1	90.12	Before	Interior Girder 2	33.7	0.95	1	1	1.923419
EV2_str	BOBJ1	90.12	Before	Interior Girder 3	33.7	0.95	1	1	1.908236
EV2_str	BOBJ1	90.12	Before	Interior Girder 4	33.7	0.95	1	1	1.908236

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelINonCompStrgth-Flx - Approach, Span 7-11									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
EV2_str	BOBJ1	90.12	Before	Interior Girder 5	33.7	0.95	1	1	1.923419
EV2_str	BOBJ1	90.12	Before	Interior Girder 6	33.7	0.95	1	1	1.972879
EV2_str	BOBJ1	90.12	Before	Right Exterior Girder	33.7	0.95	1	1	2.133009
EV2_str	BOBJ1	90.12	After	Left Exterior Girder	33.7	0.95	1	1	2.136146
EV2_str	BOBJ1	90.12	After	Interior Girder 1	33.7	0.95	1	1	1.972581
EV2_str	BOBJ1	90.12	After	Interior Girder 2	33.7	0.95	1	1	1.920821
EV2_str	BOBJ1	90.12	After	Interior Girder 3	33.7	0.95	1	1	1.907302
EV2_str	BOBJ1	90.12	After	Interior Girder 4	33.7	0.95	1	1	1.907302
EV2_str	BOBJ1	90.12	After	Interior Girder 5	33.7	0.95	1	1	1.920821
EV2_str	BOBJ1	90.12	After	Interior Girder 6	33.7	0.95	1	1	1.972581
EV2_str	BOBJ1	90.12	After	Right Exterior Girder	33.7	0.95	1	1	2.136146
EV2_str	BOBJ1	98.545	Before	Left Exterior Girder	42.125	0.95	1	1	2.601191
EV2_str	BOBJ1	98.545	Before	Interior Girder 1	42.125	0.95	1	1	2.0445
EV2_str	BOBJ1	98.545	Before	Interior Girder 2	42.125	0.95	1	1	1.994054
EV2_str	BOBJ1	98.545	Before	Interior Girder 3	42.125	0.95	1	1	1.935819
EV2_str	BOBJ1	98.545	Before	Interior Girder 4	42.125	0.95	1	1	1.935819
EV2_str	BOBJ1	98.545	Before	Interior Girder 5	42.125	0.95	1	1	1.994054
EV2_str	BOBJ1	98.545	Before	Interior Girder 6	42.125	0.95	1	1	2.0445
EV2_str	BOBJ1	98.545	Before	Right Exterior Girder	42.125	0.95	1	1	2.601191
EV2_str	BOBJ1	98.545	After	Left Exterior Girder	42.125	0.95	1	1	2.562304
EV2_str	BOBJ1	98.545	After	Interior Girder 1	42.125	0.95	1	1	2.058849
EV2_str	BOBJ1	98.545	After	Interior Girder 2	42.125	0.95	1	1	1.995581
EV2_str	BOBJ1	98.545	After	Interior Girder 3	42.125	0.95	1	1	1.917971
EV2_str	BOBJ1	98.545	After	Interior Girder 4	42.125	0.95	1	1	1.917971
EV2_str	BOBJ1	98.545	After	Interior Girder 5	42.125	0.95	1	1	1.995581
EV2_str	BOBJ1	98.545	After	Interior Girder 6	42.125	0.95	1	1	2.058849
EV2_str	BOBJ1	98.545	After	Right Exterior Girder	42.125	0.95	1	1	2.562304
EV2_str	BOBJ1	106.97	Before	Left Exterior Girder	50.55	0.95	1	1	4.114577
EV2_str	BOBJ1	106.97	Before	Interior Girder 1	50.55	0.95	1	1	3.283555
EV2_str	BOBJ1	106.97	Before	Interior Girder 2	50.55	0.95	1	1	3.074744
EV2_str	BOBJ1	106.97	Before	Interior Girder 3	50.55	0.95	1	1	3.016947
EV2_str	BOBJ1	106.97	Before	Interior Girder 4	50.55	0.95	1	1	3.016947
EV2_str	BOBJ1	106.97	Before	Interior Girder 5	50.55	0.95	1	1	3.074744
EV2_str	BOBJ1	106.97	Before	Interior Girder 6	50.55	0.95	1	1	3.283555
EV2_str	BOBJ1	106.97	Before	Right Exterior Girder	50.55	0.95	1	1	4.114577
EV2_str	BOBJ1	106.97	After	Left Exterior Girder	50.55	0.95	1	1	4.003652
EV2_str	BOBJ1	106.97	After	Interior Girder 1	50.55	0.95	1	1	3.340899
EV2_str	BOBJ1	106.97	After	Interior Girder 2	50.55	0.95	1	1	3.075771
EV2_str	BOBJ1	106.97	After	Interior Girder 3	50.55	0.95	1	1	2.967634
EV2_str	BOBJ1	106.97	After	Interior Girder 4	50.55	0.95	1	1	2.967634
EV2_str	BOBJ1	106.97	After	Interior Girder 5	50.55	0.95	1	1	3.075771
EV2_str	BOBJ1	106.97	After	Interior Girder 6	50.55	0.95	1	1	3.340899
EV2_str	BOBJ1	106.97	After	Right Exterior Girder	50.55	0.95	1	1	4.003652
EV2_str	BOBJ1	115.405	Before	Left Exterior Girder	58.985	0.95	1	1	3.252457
EV2_str	BOBJ1	115.405	Before	Interior Girder 1	58.985	0.95	1	1	3.679029
EV2_str	BOBJ1	115.405	Before	Interior Girder 2	58.985	0.95	1	1	3.66424
EV2_str	BOBJ1	115.405	Before	Interior Girder 3	58.985	0.95	1	1	3.533525
EV2_str	BOBJ1	115.405	Before	Interior Girder 4	58.985	0.95	1	1	3.533525
EV2_str	BOBJ1	115.405	Before	Interior Girder 5	58.985	0.95	1	1	3.66424
EV2_str	BOBJ1	115.405	Before	Interior Girder 6	58.985	0.95	1	1	3.679029
EV2_str	BOBJ1	115.405	Before	Right Exterior Girder	58.985	0.95	1	1	3.252457
EV2_str	BOBJ1	115.405	After	Left Exterior Girder	58.985	0.95	1	1	3.346111
EV2_str	BOBJ1	115.405	After	Interior Girder 1	58.985	0.95	1	1	3.597749
EV2_str	BOBJ1	115.405	After	Interior Girder 2	58.985	0.95	1	1	3.622181
EV2_str	BOBJ1	115.405	After	Interior Girder 3	58.985	0.95	1	1	3.523709
EV2_str	BOBJ1	115.405	After	Interior Girder 4	58.985	0.95	1	1	3.523709
EV2_str	BOBJ1	115.405	After	Interior Girder 5	58.985	0.95	1	1	3.622181
EV2_str	BOBJ1	115.405	After	Interior Girder 6	58.985	0.95	1	1	3.597749
EV2_str	BOBJ1	115.405	After	Right Exterior Girder	58.985	0.95	1	1	3.346111
EV2_str	BOBJ1	116.34	Before	Left Exterior Girder	59.92	0.95	1	1	3.02507
EV2_str	BOBJ1	116.34	Before	Right Exterior Girder	59.92	0.95	1	1	3.02507
EV2_str	BOBJ1	116.34	After	Left Exterior Girder	59.92	0.95	1	1	6.339196
EV2_str	BOBJ1	116.34	After	Right Exterior Girder	59.92	0.95	1	1	6.339196
EV2_str	BOBJ1	118.84	Before	Interior Girder 1	62.42	0.95	1	1	2.891399
EV2_str	BOBJ1	118.84	Before	Interior Girder 2	62.42	0.95	1	1	2.910596

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelINonCompStrgth-Flx - Approach, Span 7-11									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
EV2_str	BOBJ1	118.84	Before	Interior Girder 3	62.42	0.95	1	1	2.693912
EV2_str	BOBJ1	118.84	Before	Interior Girder 4	62.42	0.95	1	1	2.693912
EV2_str	BOBJ1	118.84	Before	Interior Girder 5	62.42	0.95	1	1	2.910596
EV2_str	BOBJ1	118.84	Before	Interior Girder 6	62.42	0.95	1	1	2.891399
EV2_str	BOBJ1	118.84	After	Interior Girder 1	62.42	0.95	1	1	4.180229
EV2_str	BOBJ1	118.84	After	Interior Girder 2	62.42	0.95	1	1	4.074678
EV2_str	BOBJ1	118.84	After	Interior Girder 3	62.42	0.95	1	1	3.840564
EV2_str	BOBJ1	118.84	After	Interior Girder 4	62.42	0.95	1	1	3.840564
EV2_str	BOBJ1	118.84	After	Interior Girder 5	62.42	0.95	1	1	4.074678
EV2_str	BOBJ1	118.84	After	Interior Girder 6	62.42	0.95	1	1	4.180229
EV2_str	BOBJ1	123.84	Before	Left Exterior Girder	67.42	0.95	1	1	3.775799
EV2_str	BOBJ1	123.84	Before	Interior Girder 1	67.42	0.95	1	1	2.829938
EV2_str	BOBJ1	123.84	Before	Interior Girder 2	67.42	0.95	1	1	2.722319
EV2_str	BOBJ1	123.84	Before	Interior Girder 3	67.42	0.95	1	1	2.212029
EV2_str	BOBJ1	123.84	Before	Interior Girder 4	67.42	0.95	1	1	2.212029
EV2_str	BOBJ1	123.84	Before	Interior Girder 5	67.42	0.95	1	1	2.722319
EV2_str	BOBJ1	123.84	Before	Interior Girder 6	67.42	0.95	1	1	2.829938
EV2_str	BOBJ1	123.84	Before	Right Exterior Girder	67.42	0.95	1	1	3.775799
EV2_str	BOBJ1	123.84	After	Left Exterior Girder	0	0.95	1	1	3.738055
EV2_str	BOBJ1	123.84	After	Interior Girder 1	0	0.95	1	1	2.788644
EV2_str	BOBJ1	123.84	After	Interior Girder 2	0	0.95	1	1	2.708999
EV2_str	BOBJ1	123.84	After	Interior Girder 3	0	0.95	1	1	2.207304
EV2_str	BOBJ1	123.84	After	Interior Girder 4	0	0.95	1	1	2.207304
EV2_str	BOBJ1	123.84	After	Interior Girder 5	0	0.95	1	1	2.708999
EV2_str	BOBJ1	123.84	After	Interior Girder 6	0	0.95	1	1	2.788644
EV2_str	BOBJ1	123.84	After	Right Exterior Girder	0	0.95	1	1	3.738055
EV2_str	BOBJ1	128.84	Before	Interior Girder 1	5	0.95	1	1	4.273039
EV2_str	BOBJ1	128.84	Before	Interior Girder 2	5	0.95	1	1	4.148836
EV2_str	BOBJ1	128.84	Before	Interior Girder 3	5	0.95	1	1	3.892541
EV2_str	BOBJ1	128.84	Before	Interior Girder 4	5	0.95	1	1	3.892541
EV2_str	BOBJ1	128.84	Before	Interior Girder 5	5	0.95	1	1	4.148836
EV2_str	BOBJ1	128.84	Before	Interior Girder 6	5	0.95	1	1	4.273039
EV2_str	BOBJ1	128.84	After	Interior Girder 1	5	0.95	1	1	2.962019
EV2_str	BOBJ1	128.84	After	Interior Girder 2	5	0.95	1	1	2.9661
EV2_str	BOBJ1	128.84	After	Interior Girder 3	5	0.95	1	1	2.737921
EV2_str	BOBJ1	128.84	After	Interior Girder 4	5	0.95	1	1	2.737921
EV2_str	BOBJ1	128.84	After	Interior Girder 5	5	0.95	1	1	2.9661
EV2_str	BOBJ1	128.84	After	Interior Girder 6	5	0.95	1	1	2.962019
EV2_str	BOBJ1	131.34	Before	Left Exterior Girder	7.5	0.95	1	1	6.529008
EV2_str	BOBJ1	131.34	Before	Right Exterior Girder	7.5	0.95	1	1	6.529008
EV2_str	BOBJ1	131.34	After	Left Exterior Girder	7.5	0.95	1	1	3.119555
EV2_str	BOBJ1	131.34	After	Right Exterior Girder	7.5	0.95	1	1	3.119555
EV2_str	BOBJ1	132.265	Before	Left Exterior Girder	8.425	0.95	1	1	3.431994
EV2_str	BOBJ1	132.265	Before	Interior Girder 1	8.425	0.95	1	1	3.683205
EV2_str	BOBJ1	132.265	Before	Interior Girder 2	8.425	0.95	1	1	3.689258
EV2_str	BOBJ1	132.265	Before	Interior Girder 3	8.425	0.95	1	1	3.583175
EV2_str	BOBJ1	132.265	Before	Interior Girder 4	8.425	0.95	1	1	3.583175
EV2_str	BOBJ1	132.265	Before	Interior Girder 5	8.425	0.95	1	1	3.689258
EV2_str	BOBJ1	132.265	Before	Interior Girder 6	8.425	0.95	1	1	3.683205
EV2_str	BOBJ1	132.265	Before	Right Exterior Girder	8.425	0.95	1	1	3.431994
EV2_str	BOBJ1	132.265	After	Left Exterior Girder	8.425	0.95	1	1	3.336076
EV2_str	BOBJ1	132.265	After	Interior Girder 1	8.425	0.95	1	1	3.765707
EV2_str	BOBJ1	132.265	After	Interior Girder 2	8.425	0.95	1	1	3.732602
EV2_str	BOBJ1	132.265	After	Interior Girder 3	8.425	0.95	1	1	3.59506
EV2_str	BOBJ1	132.265	After	Interior Girder 4	8.425	0.95	1	1	3.59506
EV2_str	BOBJ1	132.265	After	Interior Girder 5	8.425	0.95	1	1	3.732602
EV2_str	BOBJ1	132.265	After	Interior Girder 6	8.425	0.95	1	1	3.765707
EV2_str	BOBJ1	132.265	After	Right Exterior Girder	8.425	0.95	1	1	3.336076
EV2_str	BOBJ1	140.69	Before	Left Exterior Girder	16.85	0.95	1	1	4.038059
EV2_str	BOBJ1	140.69	Before	Interior Girder 1	16.85	0.95	1	1	3.347761
EV2_str	BOBJ1	140.69	Before	Interior Girder 2	16.85	0.95	1	1	3.082728
EV2_str	BOBJ1	140.69	Before	Interior Girder 3	16.85	0.95	1	1	2.97789
EV2_str	BOBJ1	140.69	Before	Interior Girder 4	16.85	0.95	1	1	2.97789
EV2_str	BOBJ1	140.69	Before	Interior Girder 5	16.85	0.95	1	1	3.082728
EV2_str	BOBJ1	140.69	Before	Interior Girder 6	16.85	0.95	1	1	3.347761

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelINonCompStrgth-Flx - Approach, Span 7-11									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
EV2_str	BOBJ1	140.69	Before	Right Exterior Girder	16.85	0.95	1	1	4.038059
EV2_str	BOBJ1	140.69	After	Left Exterior Girder	16.85	0.95	1	1	4.153092
EV2_str	BOBJ1	140.69	After	Interior Girder 1	16.85	0.95	1	1	3.290747
EV2_str	BOBJ1	140.69	After	Interior Girder 2	16.85	0.95	1	1	3.081046
EV2_str	BOBJ1	140.69	After	Interior Girder 3	16.85	0.95	1	1	3.026658
EV2_str	BOBJ1	140.69	After	Interior Girder 4	16.85	0.95	1	1	3.026658
EV2_str	BOBJ1	140.69	After	Interior Girder 5	16.85	0.95	1	1	3.081046
EV2_str	BOBJ1	140.69	After	Interior Girder 6	16.85	0.95	1	1	3.290747
EV2_str	BOBJ1	140.69	After	Right Exterior Girder	16.85	0.95	1	1	4.153092
EV2_str	BOBJ1	149.115	Before	Left Exterior Girder	25.275	0.95	1	1	2.548694
EV2_str	BOBJ1	149.115	Before	Interior Girder 1	25.275	0.95	1	1	2.045054
EV2_str	BOBJ1	149.115	Before	Interior Girder 2	25.275	0.95	1	1	1.986811
EV2_str	BOBJ1	149.115	Before	Interior Girder 3	25.275	0.95	1	1	1.914849
EV2_str	BOBJ1	149.115	Before	Interior Girder 4	25.275	0.95	1	1	1.914849
EV2_str	BOBJ1	149.115	Before	Interior Girder 5	25.275	0.95	1	1	1.986811
EV2_str	BOBJ1	149.115	Before	Interior Girder 6	25.275	0.95	1	1	2.045054
EV2_str	BOBJ1	149.115	Before	Right Exterior Girder	25.275	0.95	1	1	2.548694
EV2_str	BOBJ1	149.115	After	Left Exterior Girder	25.275	0.95	1	1	2.589584
EV2_str	BOBJ1	149.115	After	Interior Girder 1	25.275	0.95	1	1	2.031121
EV2_str	BOBJ1	149.115	After	Interior Girder 2	25.275	0.95	1	1	1.98459
EV2_str	BOBJ1	149.115	After	Interior Girder 3	25.275	0.95	1	1	1.932273
EV2_str	BOBJ1	149.115	After	Interior Girder 4	25.275	0.95	1	1	1.932273
EV2_str	BOBJ1	149.115	After	Interior Girder 5	25.275	0.95	1	1	1.98459
EV2_str	BOBJ1	149.115	After	Interior Girder 6	25.275	0.95	1	1	2.031121
EV2_str	BOBJ1	149.115	After	Right Exterior Girder	25.275	0.95	1	1	2.589584
EV2_str	BOBJ1	157.54	Before	Left Exterior Girder	33.7	0.95	1	1	2.099618
EV2_str	BOBJ1	157.54	Before	Interior Girder 1	33.7	0.95	1	1	1.94364
EV2_str	BOBJ1	157.54	Before	Interior Girder 2	33.7	0.95	1	1	1.902947
EV2_str	BOBJ1	157.54	Before	Interior Girder 3	33.7	0.95	1	1	1.896955
EV2_str	BOBJ1	157.54	Before	Interior Girder 4	33.7	0.95	1	1	1.896955
EV2_str	BOBJ1	157.54	Before	Interior Girder 5	33.7	0.95	1	1	1.902947
EV2_str	BOBJ1	157.54	Before	Interior Girder 6	33.7	0.95	1	1	1.94364
EV2_str	BOBJ1	157.54	Before	Right Exterior Girder	33.7	0.95	1	1	2.099618
EV2_str	BOBJ1	157.54	After	Left Exterior Girder	33.7	0.95	1	1	2.099886
EV2_str	BOBJ1	157.54	After	Interior Girder 1	33.7	0.95	1	1	1.943653
EV2_str	BOBJ1	157.54	After	Interior Girder 2	33.7	0.95	1	1	1.902864
EV2_str	BOBJ1	157.54	After	Interior Girder 3	33.7	0.95	1	1	1.897058
EV2_str	BOBJ1	157.54	After	Interior Girder 4	33.7	0.95	1	1	1.897058
EV2_str	BOBJ1	157.54	After	Interior Girder 5	33.7	0.95	1	1	1.902864
EV2_str	BOBJ1	157.54	After	Interior Girder 6	33.7	0.95	1	1	1.943653
EV2_str	BOBJ1	157.54	After	Right Exterior Girder	33.7	0.95	1	1	2.099886
EV2_str	BOBJ1	165.965	Before	Left Exterior Girder	42.125	0.95	1	1	2.587467
EV2_str	BOBJ1	165.965	Before	Interior Girder 1	42.125	0.95	1	1	2.030364
EV2_str	BOBJ1	165.965	Before	Interior Girder 2	42.125	0.95	1	1	1.983874
EV2_str	BOBJ1	165.965	Before	Interior Girder 3	42.125	0.95	1	1	1.931419
EV2_str	BOBJ1	165.965	Before	Interior Girder 4	42.125	0.95	1	1	1.931419
EV2_str	BOBJ1	165.965	Before	Interior Girder 5	42.125	0.95	1	1	1.983874
EV2_str	BOBJ1	165.965	Before	Interior Girder 6	42.125	0.95	1	1	2.030364
EV2_str	BOBJ1	165.965	Before	Right Exterior Girder	42.125	0.95	1	1	2.587467
EV2_str	BOBJ1	165.965	After	Left Exterior Girder	42.125	0.95	1	1	2.546876
EV2_str	BOBJ1	165.965	After	Interior Girder 1	42.125	0.95	1	1	2.044207
EV2_str	BOBJ1	165.965	After	Interior Girder 2	42.125	0.95	1	1	1.986073
EV2_str	BOBJ1	165.965	After	Interior Girder 3	42.125	0.95	1	1	1.914083
EV2_str	BOBJ1	165.965	After	Interior Girder 4	42.125	0.95	1	1	1.914083
EV2_str	BOBJ1	165.965	After	Interior Girder 5	42.125	0.95	1	1	1.986073
EV2_str	BOBJ1	165.965	After	Interior Girder 6	42.125	0.95	1	1	2.044207
EV2_str	BOBJ1	165.965	After	Right Exterior Girder	42.125	0.95	1	1	2.546876
EV2_str	BOBJ1	174.39	Before	Left Exterior Girder	50.55	0.95	1	1	4.144848
EV2_str	BOBJ1	174.39	Before	Interior Girder 1	50.55	0.95	1	1	3.28728
EV2_str	BOBJ1	174.39	Before	Interior Girder 2	50.55	0.95	1	1	3.078105
EV2_str	BOBJ1	174.39	Before	Interior Girder 3	50.55	0.95	1	1	3.023205
EV2_str	BOBJ1	174.39	Before	Interior Girder 4	50.55	0.95	1	1	3.023205
EV2_str	BOBJ1	174.39	Before	Interior Girder 5	50.55	0.95	1	1	3.078105
EV2_str	BOBJ1	174.39	Before	Interior Girder 6	50.55	0.95	1	1	3.28728
EV2_str	BOBJ1	174.39	Before	Right Exterior Girder	50.55	0.95	1	1	4.144848

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelINonCompStrgth-Flx - Approach, Span 7-11									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
EV2_str	BOBJ1	174.39	After	Left Exterior Girder	50.55	0.95	1	1	4.030265
EV2_str	BOBJ1	174.39	After	Interior Girder 1	50.55	0.95	1	1	3.344317
EV2_str	BOBJ1	174.39	After	Interior Girder 2	50.55	0.95	1	1	3.079853
EV2_str	BOBJ1	174.39	After	Interior Girder 3	50.55	0.95	1	1	2.974602
EV2_str	BOBJ1	174.39	After	Interior Girder 4	50.55	0.95	1	1	2.974602
EV2_str	BOBJ1	174.39	After	Interior Girder 5	50.55	0.95	1	1	3.079853
EV2_str	BOBJ1	174.39	After	Interior Girder 6	50.55	0.95	1	1	3.344317
EV2_str	BOBJ1	174.39	After	Right Exterior Girder	50.55	0.95	1	1	4.030265
EV2_str	BOBJ1	182.825	Before	Left Exterior Girder	58.985	0.95	1	1	3.33818
EV2_str	BOBJ1	182.825	Before	Interior Girder 1	58.985	0.95	1	1	3.762509
EV2_str	BOBJ1	182.825	Before	Interior Girder 2	58.985	0.95	1	1	3.729015
EV2_str	BOBJ1	182.825	Before	Interior Girder 3	58.985	0.95	1	1	3.596067
EV2_str	BOBJ1	182.825	Before	Interior Girder 4	58.985	0.95	1	1	3.596067
EV2_str	BOBJ1	182.825	Before	Interior Girder 5	58.985	0.95	1	1	3.729015
EV2_str	BOBJ1	182.825	Before	Interior Girder 6	58.985	0.95	1	1	3.762509
EV2_str	BOBJ1	182.825	Before	Right Exterior Girder	58.985	0.95	1	1	3.33818
EV2_str	BOBJ1	182.825	After	Left Exterior Girder	58.985	0.95	1	1	3.434374
EV2_str	BOBJ1	182.825	After	Interior Girder 1	58.985	0.95	1	1	3.680034
EV2_str	BOBJ1	182.825	After	Interior Girder 2	58.985	0.95	1	1	3.685537
EV2_str	BOBJ1	182.825	After	Interior Girder 3	58.985	0.95	1	1	3.584544
EV2_str	BOBJ1	182.825	After	Interior Girder 4	58.985	0.95	1	1	3.584544
EV2_str	BOBJ1	182.825	After	Interior Girder 5	58.985	0.95	1	1	3.685537
EV2_str	BOBJ1	182.825	After	Interior Girder 6	58.985	0.95	1	1	3.680034
EV2_str	BOBJ1	182.825	After	Right Exterior Girder	58.985	0.95	1	1	3.434374
EV2_str	BOBJ1	183.76	Before	Left Exterior Girder	59.92	0.95	1	1	3.105208
EV2_str	BOBJ1	183.76	Before	Right Exterior Girder	59.92	0.95	1	1	3.105208
EV2_str	BOBJ1	183.76	After	Left Exterior Girder	59.92	0.95	1	1	6.507346
EV2_str	BOBJ1	183.76	After	Right Exterior Girder	59.92	0.95	1	1	6.507346
EV2_str	BOBJ1	186.26	Before	Interior Girder 1	62.42	0.95	1	1	2.955949
EV2_str	BOBJ1	186.26	Before	Interior Girder 2	62.42	0.95	1	1	2.960139
EV2_str	BOBJ1	186.26	Before	Interior Girder 3	62.42	0.95	1	1	2.736979
EV2_str	BOBJ1	186.26	Before	Interior Girder 4	62.42	0.95	1	1	2.736979
EV2_str	BOBJ1	186.26	Before	Interior Girder 5	62.42	0.95	1	1	2.960139
EV2_str	BOBJ1	186.26	Before	Interior Girder 6	62.42	0.95	1	1	2.955949
EV2_str	BOBJ1	186.26	After	Interior Girder 1	62.42	0.95	1	1	4.26601
EV2_str	BOBJ1	186.26	After	Interior Girder 2	62.42	0.95	1	1	4.141766
EV2_str	BOBJ1	186.26	After	Interior Girder 3	62.42	0.95	1	1	3.892158
EV2_str	BOBJ1	186.26	After	Interior Girder 4	62.42	0.95	1	1	3.892158
EV2_str	BOBJ1	186.26	After	Interior Girder 5	62.42	0.95	1	1	4.141766
EV2_str	BOBJ1	186.26	After	Interior Girder 6	62.42	0.95	1	1	4.26601
EV2_str	BOBJ1	191.26	Before	Left Exterior Girder	67.42	0.95	1	1	3.737751
EV2_str	BOBJ1	191.26	Before	Interior Girder 1	67.42	0.95	1	1	2.781422
EV2_str	BOBJ1	191.26	Before	Interior Girder 2	67.42	0.95	1	1	2.701007
EV2_str	BOBJ1	191.26	Before	Interior Girder 3	67.42	0.95	1	1	2.205931
EV2_str	BOBJ1	191.26	Before	Interior Girder 4	67.42	0.95	1	1	2.205931
EV2_str	BOBJ1	191.26	Before	Interior Girder 5	67.42	0.95	1	1	2.701007
EV2_str	BOBJ1	191.26	Before	Interior Girder 6	67.42	0.95	1	1	2.781422
EV2_str	BOBJ1	191.26	Before	Right Exterior Girder	67.42	0.95	1	1	3.737751
EV2_str	BOBJ1	191.26	After	Left Exterior Girder	0	0.95	1	1	3.770454
EV2_str	BOBJ1	191.26	After	Interior Girder 1	0	0.95	1	1	2.833417
EV2_str	BOBJ1	191.26	After	Interior Girder 2	0	0.95	1	1	2.727624
EV2_str	BOBJ1	191.26	After	Interior Girder 3	0	0.95	1	1	2.211442
EV2_str	BOBJ1	191.26	After	Interior Girder 4	0	0.95	1	1	2.211442
EV2_str	BOBJ1	191.26	After	Interior Girder 5	0	0.95	1	1	2.727624
EV2_str	BOBJ1	191.26	After	Interior Girder 6	0	0.95	1	1	2.833417
EV2_str	BOBJ1	191.26	After	Right Exterior Girder	0	0.95	1	1	3.770454
EV2_str	BOBJ1	196.26	Before	Interior Girder 1	5	0.95	1	1	4.18347
EV2_str	BOBJ1	196.26	Before	Interior Girder 2	5	0.95	1	1	4.079101
EV2_str	BOBJ1	196.26	Before	Interior Girder 3	5	0.95	1	1	3.838869
EV2_str	BOBJ1	196.26	Before	Interior Girder 4	5	0.95	1	1	3.838869
EV2_str	BOBJ1	196.26	Before	Interior Girder 5	5	0.95	1	1	4.079101
EV2_str	BOBJ1	196.26	Before	Interior Girder 6	5	0.95	1	1	4.18347
EV2_str	BOBJ1	196.26	After	Interior Girder 1	5	0.95	1	1	2.89364
EV2_str	BOBJ1	196.26	After	Interior Girder 2	5	0.95	1	1	2.913913
EV2_str	BOBJ1	196.26	After	Interior Girder 3	5	0.95	1	1	2.692691

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelINonCompStrgth-Flx - Approach, Span 7-11									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
EV2_str	BOBJ1	196.26	After	Interior Girder 4	5	0.95	1	1	2.692691
EV2_str	BOBJ1	196.26	After	Interior Girder 5	5	0.95	1	1	2.913913
EV2_str	BOBJ1	196.26	After	Interior Girder 6	5	0.95	1	1	2.89364
EV2_str	BOBJ1	198.76	Before	Left Exterior Girder	7.5	0.95	1	1	6.356041
EV2_str	BOBJ1	198.76	Before	Right Exterior Girder	7.5	0.95	1	1	6.356041
EV2_str	BOBJ1	198.76	After	Left Exterior Girder	7.5	0.95	1	1	3.034707
EV2_str	BOBJ1	198.76	After	Right Exterior Girder	7.5	0.95	1	1	3.034707
EV2_str	BOBJ1	199.685	Before	Left Exterior Girder	8.425	0.95	1	1	3.3397
EV2_str	BOBJ1	199.685	Before	Interior Girder 1	8.425	0.95	1	1	3.597677
EV2_str	BOBJ1	199.685	Before	Interior Girder 2	8.425	0.95	1	1	3.623621
EV2_str	BOBJ1	199.685	Before	Interior Girder 3	8.425	0.95	1	1	3.520528
EV2_str	BOBJ1	199.685	Before	Interior Girder 4	8.425	0.95	1	1	3.520528
EV2_str	BOBJ1	199.685	Before	Interior Girder 5	8.425	0.95	1	1	3.623621
EV2_str	BOBJ1	199.685	Before	Interior Girder 6	8.425	0.95	1	1	3.597677
EV2_str	BOBJ1	199.685	Before	Right Exterior Girder	8.425	0.95	1	1	3.3397
EV2_str	BOBJ1	199.685	After	Left Exterior Girder	8.425	0.95	1	1	3.246077
EV2_str	BOBJ1	199.685	After	Interior Girder 1	8.425	0.95	1	1	3.679192
EV2_str	BOBJ1	199.685	After	Interior Girder 2	8.425	0.95	1	1	3.665595
EV2_str	BOBJ1	199.685	After	Interior Girder 3	8.425	0.95	1	1	3.530773
EV2_str	BOBJ1	199.685	After	Interior Girder 4	8.425	0.95	1	1	3.530773
EV2_str	BOBJ1	199.685	After	Interior Girder 5	8.425	0.95	1	1	3.665595
EV2_str	BOBJ1	199.685	After	Interior Girder 6	8.425	0.95	1	1	3.679192
EV2_str	BOBJ1	199.685	After	Right Exterior Girder	8.425	0.95	1	1	3.246077
EV2_str	BOBJ1	208.11	Before	Left Exterior Girder	16.85	0.95	1	1	4.012611
EV2_str	BOBJ1	208.11	Before	Interior Girder 1	16.85	0.95	1	1	3.345043
EV2_str	BOBJ1	208.11	Before	Interior Girder 2	16.85	0.95	1	1	3.079092
EV2_str	BOBJ1	208.11	Before	Interior Girder 3	16.85	0.95	1	1	2.971258
EV2_str	BOBJ1	208.11	Before	Interior Girder 4	16.85	0.95	1	1	2.971258
EV2_str	BOBJ1	208.11	Before	Interior Girder 5	16.85	0.95	1	1	3.079092
EV2_str	BOBJ1	208.11	Before	Interior Girder 6	16.85	0.95	1	1	3.345043
EV2_str	BOBJ1	208.11	Before	Right Exterior Girder	16.85	0.95	1	1	4.012611
EV2_str	BOBJ1	208.11	After	Left Exterior Girder	16.85	0.95	1	1	4.124254
EV2_str	BOBJ1	208.11	After	Interior Girder 1	16.85	0.95	1	1	3.287692
EV2_str	BOBJ1	208.11	After	Interior Girder 2	16.85	0.95	1	1	3.078052
EV2_str	BOBJ1	208.11	After	Interior Girder 3	16.85	0.95	1	1	3.020638
EV2_str	BOBJ1	208.11	After	Interior Girder 4	16.85	0.95	1	1	3.020638
EV2_str	BOBJ1	208.11	After	Interior Girder 5	16.85	0.95	1	1	3.078052
EV2_str	BOBJ1	208.11	After	Interior Girder 6	16.85	0.95	1	1	3.287692
EV2_str	BOBJ1	208.11	After	Right Exterior Girder	16.85	0.95	1	1	4.124254
EV2_str	BOBJ1	216.535	Before	Left Exterior Girder	25.275	0.95	1	1	2.563447
EV2_str	BOBJ1	216.535	Before	Interior Girder 1	25.275	0.95	1	1	2.059197
EV2_str	BOBJ1	216.535	Before	Interior Girder 2	25.275	0.95	1	1	1.995959
EV2_str	BOBJ1	216.535	Before	Interior Girder 3	25.275	0.95	1	1	1.918469
EV2_str	BOBJ1	216.535	Before	Interior Girder 4	25.275	0.95	1	1	1.918469
EV2_str	BOBJ1	216.535	Before	Interior Girder 5	25.275	0.95	1	1	1.995959
EV2_str	BOBJ1	216.535	Before	Interior Girder 6	25.275	0.95	1	1	2.059197
EV2_str	BOBJ1	216.535	Before	Right Exterior Girder	25.275	0.95	1	1	2.563447
EV2_str	BOBJ1	216.535	After	Left Exterior Girder	25.275	0.95	1	1	2.602906
EV2_str	BOBJ1	216.535	After	Interior Girder 1	25.275	0.95	1	1	2.04474
EV2_str	BOBJ1	216.535	After	Interior Girder 2	25.275	0.95	1	1	1.994326
EV2_str	BOBJ1	216.535	After	Interior Girder 3	25.275	0.95	1	1	1.936301
EV2_str	BOBJ1	216.535	After	Interior Girder 4	25.275	0.95	1	1	1.936301
EV2_str	BOBJ1	216.535	After	Interior Girder 5	25.275	0.95	1	1	1.994326
EV2_str	BOBJ1	216.535	After	Interior Girder 6	25.275	0.95	1	1	2.04474
EV2_str	BOBJ1	216.535	After	Right Exterior Girder	25.275	0.95	1	1	2.602906
EV2_str	BOBJ1	224.96	Before	Left Exterior Girder	33.7	0.95	1	1	2.133907
EV2_str	BOBJ1	224.96	Before	Interior Girder 1	33.7	0.95	1	1	1.971035
EV2_str	BOBJ1	224.96	Before	Interior Girder 2	33.7	0.95	1	1	1.919809
EV2_str	BOBJ1	224.96	Before	Interior Girder 3	33.7	0.95	1	1	1.906348
EV2_str	BOBJ1	224.96	Before	Interior Girder 4	33.7	0.95	1	1	1.906348
EV2_str	BOBJ1	224.96	Before	Interior Girder 5	33.7	0.95	1	1	1.919809
EV2_str	BOBJ1	224.96	Before	Interior Girder 6	33.7	0.95	1	1	1.971035
EV2_str	BOBJ1	224.96	Before	Right Exterior Girder	33.7	0.95	1	1	2.133907
EV2_str	BOBJ1	224.96	After	Left Exterior Girder	33.7	0.95	1	1	2.13156
EV2_str	BOBJ1	224.96	After	Interior Girder 1	33.7	0.95	1	1	1.971421

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelINonCompStrgth-Flx - Approach, Span 7-11									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
EV2_str	BOBJ1	224.96	After	Interior Girder 2	33.7	0.95	1	1	1.922148
EV2_str	BOBJ1	224.96	After	Interior Girder 3	33.7	0.95	1	1	1.907385
EV2_str	BOBJ1	224.96	After	Interior Girder 4	33.7	0.95	1	1	1.907385
EV2_str	BOBJ1	224.96	After	Interior Girder 5	33.7	0.95	1	1	1.922148
EV2_str	BOBJ1	224.96	After	Interior Girder 6	33.7	0.95	1	1	1.971421
EV2_str	BOBJ1	224.96	After	Right Exterior Girder	33.7	0.95	1	1	2.13156
EV2_str	BOBJ1	233.385	Before	Left Exterior Girder	42.125	0.95	1	1	2.670674
EV2_str	BOBJ1	233.385	Before	Interior Girder 1	42.125	0.95	1	1	2.068281
EV2_str	BOBJ1	233.385	Before	Interior Girder 2	42.125	0.95	1	1	2.009458
EV2_str	BOBJ1	233.385	Before	Interior Girder 3	42.125	0.95	1	1	1.948104
EV2_str	BOBJ1	233.385	Before	Interior Girder 4	42.125	0.95	1	1	1.948104
EV2_str	BOBJ1	233.385	Before	Interior Girder 5	42.125	0.95	1	1	2.009458
EV2_str	BOBJ1	233.385	Before	Interior Girder 6	42.125	0.95	1	1	2.068281
EV2_str	BOBJ1	233.385	Before	Right Exterior Girder	42.125	0.95	1	1	2.670674
EV2_str	BOBJ1	233.385	After	Left Exterior Girder	42.125	0.95	1	1	2.624279
EV2_str	BOBJ1	233.385	After	Interior Girder 1	42.125	0.95	1	1	2.084631
EV2_str	BOBJ1	233.385	After	Interior Girder 2	42.125	0.95	1	1	2.012177
EV2_str	BOBJ1	233.385	After	Interior Girder 3	42.125	0.95	1	1	1.929774
EV2_str	BOBJ1	233.385	After	Interior Girder 4	42.125	0.95	1	1	1.929774
EV2_str	BOBJ1	233.385	After	Interior Girder 5	42.125	0.95	1	1	2.012177
EV2_str	BOBJ1	233.385	After	Interior Girder 6	42.125	0.95	1	1	2.084631
EV2_str	BOBJ1	233.385	After	Right Exterior Girder	42.125	0.95	1	1	2.624279
EV2_str	BOBJ1	241.81	Before	Left Exterior Girder	50.55	0.95	1	1	4.358553
EV2_str	BOBJ1	241.81	Before	Interior Girder 1	50.55	0.95	1	1	3.372678
EV2_str	BOBJ1	241.81	Before	Interior Girder 2	50.55	0.95	1	1	3.127672
EV2_str	BOBJ1	241.81	Before	Interior Girder 3	50.55	0.95	1	1	3.056762
EV2_str	BOBJ1	241.81	Before	Interior Girder 4	50.55	0.95	1	1	3.056762
EV2_str	BOBJ1	241.81	Before	Interior Girder 5	50.55	0.95	1	1	3.127672
EV2_str	BOBJ1	241.81	Before	Interior Girder 6	50.55	0.95	1	1	3.372678
EV2_str	BOBJ1	241.81	Before	Right Exterior Girder	50.55	0.95	1	1	4.358553
EV2_str	BOBJ1	241.81	After	Left Exterior Girder	50.55	0.95	1	1	4.25355
EV2_str	BOBJ1	241.81	After	Interior Girder 1	50.55	0.95	1	1	3.428739
EV2_str	BOBJ1	241.81	After	Interior Girder 2	50.55	0.95	1	1	3.144908
EV2_str	BOBJ1	241.81	After	Interior Girder 3	50.55	0.95	1	1	3.038218
EV2_str	BOBJ1	241.81	After	Interior Girder 4	50.55	0.95	1	1	3.038218
EV2_str	BOBJ1	241.81	After	Interior Girder 5	50.55	0.95	1	1	3.144908
EV2_str	BOBJ1	241.81	After	Interior Girder 6	50.55	0.95	1	1	3.428739
EV2_str	BOBJ1	241.81	After	Right Exterior Girder	50.55	0.95	1	1	4.25355
EV2_str	BOBJ1	245.18	Before	Left Exterior Girder	53.92	0.95	1	1	5.201278
EV2_str	BOBJ1	245.18	Before	Interior Girder 1	53.92	0.95	1	1	4.29119
EV2_str	BOBJ1	245.18	Before	Interior Girder 2	53.92	0.95	1	1	3.908674
EV2_str	BOBJ1	245.18	Before	Interior Girder 3	53.92	0.95	1	1	3.802614
EV2_str	BOBJ1	245.18	Before	Interior Girder 4	53.92	0.95	1	1	3.802614
EV2_str	BOBJ1	245.18	Before	Interior Girder 5	53.92	0.95	1	1	3.908674
EV2_str	BOBJ1	245.18	Before	Interior Girder 6	53.92	0.95	1	1	4.29119
EV2_str	BOBJ1	245.18	Before	Right Exterior Girder	53.92	0.95	1	1	5.201278
EV2_str	BOBJ1	245.18	After	Left Exterior Girder	53.92	0.95	1	1	6.080417
EV2_str	BOBJ1	245.18	After	Interior Girder 1	53.92	0.95	1	1	4.59316
EV2_str	BOBJ1	245.18	After	Interior Girder 2	53.92	0.95	1	1	4.159178
EV2_str	BOBJ1	245.18	After	Interior Girder 3	53.92	0.95	1	1	3.971855
EV2_str	BOBJ1	245.18	After	Interior Girder 4	53.92	0.95	1	1	3.971855
EV2_str	BOBJ1	245.18	After	Interior Girder 5	53.92	0.95	1	1	4.159178
EV2_str	BOBJ1	245.18	After	Interior Girder 6	53.92	0.95	1	1	4.59316
EV2_str	BOBJ1	245.18	After	Right Exterior Girder	53.92	0.95	1	1	6.080417
EV2_str	BOBJ1	250.245	Before	Left Exterior Girder	58.985	0.95	1	1	4.316718
EV2_str	BOBJ1	250.245	Before	Interior Girder 1	58.985	0.95	1	1	4.40196
EV2_str	BOBJ1	250.245	Before	Interior Girder 2	58.985	0.95	1	1	4.237606
EV2_str	BOBJ1	250.245	Before	Interior Girder 3	58.985	0.95	1	1	4.090762
EV2_str	BOBJ1	250.245	Before	Interior Girder 4	58.985	0.95	1	1	4.090762
EV2_str	BOBJ1	250.245	Before	Interior Girder 5	58.985	0.95	1	1	4.237606
EV2_str	BOBJ1	250.245	Before	Interior Girder 6	58.985	0.95	1	1	4.40196
EV2_str	BOBJ1	250.245	Before	Right Exterior Girder	58.985	0.95	1	1	4.316718
EV2_str	BOBJ1	250.245	After	Left Exterior Girder	58.985	0.95	1	1	4.36658
EV2_str	BOBJ1	250.245	After	Interior Girder 1	58.985	0.95	1	1	4.350185
EV2_str	BOBJ1	250.245	After	Interior Girder 2	58.985	0.95	1	1	4.190166

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelINonCompStrgth-Flx - Approach, Span 7-11									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
EV2_str	BOBJ1	250.245	After	Interior Girder 3	58.985	0.95	1	1	4.067421
EV2_str	BOBJ1	250.245	After	Interior Girder 4	58.985	0.95	1	1	4.067421
EV2_str	BOBJ1	250.245	After	Interior Girder 5	58.985	0.95	1	1	4.190166
EV2_str	BOBJ1	250.245	After	Interior Girder 6	58.985	0.95	1	1	4.350185
EV2_str	BOBJ1	250.245	After	Right Exterior Girder	58.985	0.95	1	1	4.36658
EV2_str	BOBJ1	251.68	Before	Left Exterior Girder	60.42	0.95	1	1	3.871459
EV2_str	BOBJ1	251.68	Before	Right Exterior Girder	60.42	0.95	1	1	3.871459
EV2_str	BOBJ1	251.68	After	Left Exterior Girder	60.42	0.95	1	1	7.039369
EV2_str	BOBJ1	251.68	After	Right Exterior Girder	60.42	0.95	1	1	7.039369
EV2_str	BOBJ1	254.18	Before	Interior Girder 1	62.92	0.95	1	1	3.383039
EV2_str	BOBJ1	254.18	Before	Interior Girder 2	62.92	0.95	1	1	3.281056
EV2_str	BOBJ1	254.18	Before	Interior Girder 3	62.92	0.95	1	1	2.96276
EV2_str	BOBJ1	254.18	Before	Interior Girder 4	62.92	0.95	1	1	2.96276
EV2_str	BOBJ1	254.18	Before	Interior Girder 5	62.92	0.95	1	1	3.281056
EV2_str	BOBJ1	254.18	Before	Interior Girder 6	62.92	0.95	1	1	3.383039
EV2_str	BOBJ1	254.18	After	Interior Girder 1	62.92	0.95	1	1	4.228208
EV2_str	BOBJ1	254.18	After	Interior Girder 2	62.92	0.95	1	1	4.001149
EV2_str	BOBJ1	254.18	After	Interior Girder 3	62.92	0.95	1	1	3.657593
EV2_str	BOBJ1	254.18	After	Interior Girder 4	62.92	0.95	1	1	3.657593
EV2_str	BOBJ1	254.18	After	Interior Girder 5	62.92	0.95	1	1	4.001149
EV2_str	BOBJ1	254.18	After	Interior Girder 6	62.92	0.95	1	1	4.228208
EV2_str	BOBJ1	258.68	Before	Left Exterior Girder	67.42	0.95	1	1	3.634767
EV2_str	BOBJ1	258.68	Before	Interior Girder 1	67.42	0.95	1	1	2.508446
EV2_str	BOBJ1	258.68	Before	Interior Girder 2	67.42	0.95	1	1	2.429277
EV2_str	BOBJ1	258.68	Before	Interior Girder 3	67.42	0.95	1	1	1.992834
EV2_str	BOBJ1	258.68	Before	Interior Girder 4	67.42	0.95	1	1	1.992834
EV2_str	BOBJ1	258.68	Before	Interior Girder 5	67.42	0.95	1	1	2.429277
EV2_str	BOBJ1	258.68	Before	Interior Girder 6	67.42	0.95	1	1	2.508446
EV2_str	BOBJ1	258.68	Before	Right Exterior Girder	67.42	0.95	1	1	3.634767
EV2_str	BOBJ1	258.68	After	Left Exterior Girder	0	0.95	1	1	3.548348
EV2_str	BOBJ1	258.68	After	Interior Girder 1	0	0.95	1	1	2.528587
EV2_str	BOBJ1	258.68	After	Interior Girder 2	0	0.95	1	1	2.414617
EV2_str	BOBJ1	258.68	After	Interior Girder 3	0	0.95	1	1	1.931628
EV2_str	BOBJ1	258.68	After	Interior Girder 4	0	0.95	1	1	1.931628
EV2_str	BOBJ1	258.68	After	Interior Girder 5	0	0.95	1	1	2.414617
EV2_str	BOBJ1	258.68	After	Interior Girder 6	0	0.95	1	1	2.528587
EV2_str	BOBJ1	258.68	After	Right Exterior Girder	0	0.95	1	1	3.548348
EV2_str	BOBJ1	263.18	Before	Interior Girder 1	4.5	0.95	1	1	3.5773
EV2_str	BOBJ1	263.18	Before	Interior Girder 2	4.5	0.95	1	1	3.490896
EV2_str	BOBJ1	263.18	Before	Interior Girder 3	4.5	0.95	1	1	3.261026
EV2_str	BOBJ1	263.18	Before	Interior Girder 4	4.5	0.95	1	1	3.261026
EV2_str	BOBJ1	263.18	Before	Interior Girder 5	4.5	0.95	1	1	3.490896
EV2_str	BOBJ1	263.18	Before	Interior Girder 6	4.5	0.95	1	1	3.5773
EV2_str	BOBJ1	263.18	After	Interior Girder 1	4.5	0.95	1	1	2.843952
EV2_str	BOBJ1	263.18	After	Interior Girder 2	4.5	0.95	1	1	2.855312
EV2_str	BOBJ1	263.18	After	Interior Girder 3	4.5	0.95	1	1	2.631659
EV2_str	BOBJ1	263.18	After	Interior Girder 4	4.5	0.95	1	1	2.631659
EV2_str	BOBJ1	263.18	After	Interior Girder 5	4.5	0.95	1	1	2.855312
EV2_str	BOBJ1	263.18	After	Interior Girder 6	4.5	0.95	1	1	2.843952
EV2_str	BOBJ1	265.68	Before	Left Exterior Girder	7	0.95	1	1	5.669445
EV2_str	BOBJ1	265.68	Before	Right Exterior Girder	7	0.95	1	1	5.669445
EV2_str	BOBJ1	265.68	After	Left Exterior Girder	7	0.95	1	1	3.127866
EV2_str	BOBJ1	265.68	After	Right Exterior Girder	7	0.95	1	1	3.127866
EV2_str	BOBJ1	268.08	Before	Left Exterior Girder	9.4	0.95	1	1	3.847169
EV2_str	BOBJ1	268.08	Before	Interior Girder 1	9.4	0.95	1	1	3.881286
EV2_str	BOBJ1	268.08	Before	Interior Girder 2	9.4	0.95	1	1	3.878365
EV2_str	BOBJ1	268.08	Before	Interior Girder 3	9.4	0.95	1	1	3.801845
EV2_str	BOBJ1	268.08	Before	Interior Girder 4	9.4	0.95	1	1	3.801845
EV2_str	BOBJ1	268.08	Before	Interior Girder 5	9.4	0.95	1	1	3.878365
EV2_str	BOBJ1	268.08	Before	Interior Girder 6	9.4	0.95	1	1	3.881286
EV2_str	BOBJ1	268.08	Before	Right Exterior Girder	9.4	0.95	1	1	3.847169
EV2_str	BOBJ1	268.08	After	Left Exterior Girder	9.4	0.95	1	1	3.753072
EV2_str	BOBJ1	268.08	After	Interior Girder 1	9.4	0.95	1	1	3.959671
EV2_str	BOBJ1	268.08	After	Interior Girder 2	9.4	0.95	1	1	3.930643
EV2_str	BOBJ1	268.08	After	Interior Girder 3	9.4	0.95	1	1	3.815555

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelINonCompStrgth-Flx - Approach, Span 7-11									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
EV2_str	BOBJ1	268.08	After	Interior Girder 4	9.4	0.95	1	1	3.815555
EV2_str	BOBJ1	268.08	After	Interior Girder 5	9.4	0.95	1	1	3.930643
EV2_str	BOBJ1	268.08	After	Interior Girder 6	9.4	0.95	1	1	3.959671
EV2_str	BOBJ1	268.08	After	Right Exterior Girder	9.4	0.95	1	1	3.753072
EV2_str	BOBJ1	277.48	Before	Left Exterior Girder	18.8	0.95	1	1	3.502
EV2_str	BOBJ1	277.48	Before	Interior Girder 1	18.8	0.95	1	1	2.938568
EV2_str	BOBJ1	277.48	Before	Interior Girder 2	18.8	0.95	1	1	2.70641
EV2_str	BOBJ1	277.48	Before	Interior Girder 3	18.8	0.95	1	1	2.619101
EV2_str	BOBJ1	277.48	Before	Interior Girder 4	18.8	0.95	1	1	2.619101
EV2_str	BOBJ1	277.48	Before	Interior Girder 5	18.8	0.95	1	1	2.70641
EV2_str	BOBJ1	277.48	Before	Interior Girder 6	18.8	0.95	1	1	2.938568
EV2_str	BOBJ1	277.48	Before	Right Exterior Girder	18.8	0.95	1	1	3.502
EV2_str	BOBJ1	277.48	After	Left Exterior Girder	18.8	0.95	1	1	3.585759
EV2_str	BOBJ1	277.48	After	Interior Girder 1	18.8	0.95	1	1	2.887586
EV2_str	BOBJ1	277.48	After	Interior Girder 2	18.8	0.95	1	1	2.709458
EV2_str	BOBJ1	277.48	After	Interior Girder 3	18.8	0.95	1	1	2.654813
EV2_str	BOBJ1	277.48	After	Interior Girder 4	18.8	0.95	1	1	2.654813
EV2_str	BOBJ1	277.48	After	Interior Girder 5	18.8	0.95	1	1	2.709458
EV2_str	BOBJ1	277.48	After	Interior Girder 6	18.8	0.95	1	1	2.887586
EV2_str	BOBJ1	277.48	After	Right Exterior Girder	18.8	0.95	1	1	3.585759
EV2_str	BOBJ1	286.88	Before	Left Exterior Girder	28.2	0.95	1	1	2.528161
EV2_str	BOBJ1	286.88	Before	Interior Girder 1	28.2	0.95	1	1	1.923182
EV2_str	BOBJ1	286.88	Before	Interior Girder 2	28.2	0.95	1	1	1.854683
EV2_str	BOBJ1	286.88	Before	Interior Girder 3	28.2	0.95	1	1	1.769863
EV2_str	BOBJ1	286.88	Before	Interior Girder 4	28.2	0.95	1	1	1.769863
EV2_str	BOBJ1	286.88	Before	Interior Girder 5	28.2	0.95	1	1	1.854683
EV2_str	BOBJ1	286.88	Before	Interior Girder 6	28.2	0.95	1	1	1.923182
EV2_str	BOBJ1	286.88	Before	Right Exterior Girder	28.2	0.95	1	1	2.528161
EV2_str	BOBJ1	286.88	After	Left Exterior Girder	28.2	0.95	1	1	2.536922
EV2_str	BOBJ1	286.88	After	Interior Girder 1	28.2	0.95	1	1	1.919545
EV2_str	BOBJ1	286.88	After	Interior Girder 2	28.2	0.95	1	1	1.858835
EV2_str	BOBJ1	286.88	After	Interior Girder 3	28.2	0.95	1	1	1.779954
EV2_str	BOBJ1	286.88	After	Interior Girder 4	28.2	0.95	1	1	1.779954
EV2_str	BOBJ1	286.88	After	Interior Girder 5	28.2	0.95	1	1	1.858835
EV2_str	BOBJ1	286.88	After	Interior Girder 6	28.2	0.95	1	1	1.919545
EV2_str	BOBJ1	286.88	After	Right Exterior Girder	28.2	0.95	1	1	2.536922
EV2_str	BOBJ1	296.28	Before	Left Exterior Girder	37.6	0.95	1	1	2.276109
EV2_str	BOBJ1	296.28	Before	Interior Girder 1	37.6	0.95	1	1	1.964363
EV2_str	BOBJ1	296.28	Before	Interior Girder 2	37.6	0.95	1	1	1.887475
EV2_str	BOBJ1	296.28	Before	Interior Girder 3	37.6	0.95	1	1	1.863685
EV2_str	BOBJ1	296.28	Before	Interior Girder 4	37.6	0.95	1	1	1.863685
EV2_str	BOBJ1	296.28	Before	Interior Girder 5	37.6	0.95	1	1	1.887475
EV2_str	BOBJ1	296.28	Before	Interior Girder 6	37.6	0.95	1	1	1.964363
EV2_str	BOBJ1	296.28	Before	Right Exterior Girder	37.6	0.95	1	1	2.276109
EV2_str	BOBJ1	296.28	After	Left Exterior Girder	37.6	0.95	1	1	2.247769
EV2_str	BOBJ1	296.28	After	Interior Girder 1	37.6	0.95	1	1	1.982901
EV2_str	BOBJ1	296.28	After	Interior Girder 2	37.6	0.95	1	1	1.885701
EV2_str	BOBJ1	296.28	After	Interior Girder 3	37.6	0.95	1	1	1.850073
EV2_str	BOBJ1	296.28	After	Interior Girder 4	37.6	0.95	1	1	1.850073
EV2_str	BOBJ1	296.28	After	Interior Girder 5	37.6	0.95	1	1	1.885701
EV2_str	BOBJ1	296.28	After	Interior Girder 6	37.6	0.95	1	1	1.982901
EV2_str	BOBJ1	296.28	After	Right Exterior Girder	37.6	0.95	1	1	2.247769
EV2_str	BOBJ1	305.69	Before	Left Exterior Girder	47.01	0.95	1	1	4.077934
EV2_str	BOBJ1	305.69	Before	Interior Girder 1	47.01	0.95	1	1	2.678084
EV2_str	BOBJ1	305.69	Before	Interior Girder 2	47.01	0.95	1	1	2.570607
EV2_str	BOBJ1	305.69	Before	Interior Girder 3	47.01	0.95	1	1	2.370735
EV2_str	BOBJ1	305.69	Before	Interior Girder 4	47.01	0.95	1	1	2.370735
EV2_str	BOBJ1	305.69	Before	Interior Girder 5	47.01	0.95	1	1	2.570607
EV2_str	BOBJ1	305.69	Before	Interior Girder 6	47.01	0.95	1	1	2.678084
EV2_str	BOBJ1	305.69	Before	Right Exterior Girder	47.01	0.95	1	1	4.077934
EV2_str	BOBJ1	305.69	After	Left Exterior Girder	47.01	0.95	1	1	4.069257
EV2_str	BOBJ1	305.69	After	Interior Girder 1	47.01	0.95	1	1	2.686856
EV2_str	BOBJ1	305.69	After	Interior Girder 2	47.01	0.95	1	1	2.528793
EV2_str	BOBJ1	305.69	After	Interior Girder 3	47.01	0.95	1	1	2.292317
EV2_str	BOBJ1	305.69	After	Interior Girder 4	47.01	0.95	1	1	2.292317

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelINonCompStrgth-Flx - Approach, Span 7-11

Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
EV2_str	BOBJ1	305.69	After	Interior Girder 5	47.01	0.95	1	1	2.528793
EV2_str	BOBJ1	305.69	After	Interior Girder 6	47.01	0.95	1	1	2.686856
EV2_str	BOBJ1	305.69	After	Right Exterior Girder	47.01	0.95	1	1	4.069257
EV2_str	BOBJ1	315.1	Before	Left Exterior Girder	56.42	0.95	1	1	328.53209
EV2_str	BOBJ1	315.1	Before	Interior Girder 1	56.42	0.95	1	1	279.964843
EV2_str	BOBJ1	315.1	Before	Interior Girder 2	56.42	0.95	1	1	201.605831
EV2_str	BOBJ1	315.1	Before	Interior Girder 3	56.42	0.95	1	1	150.076283
EV2_str	BOBJ1	315.1	Before	Interior Girder 4	56.42	0.95	1	1	150.076283
EV2_str	BOBJ1	315.1	Before	Interior Girder 5	56.42	0.95	1	1	201.605832
EV2_str	BOBJ1	315.1	Before	Interior Girder 6	56.42	0.95	1	1	279.964842
EV2_str	BOBJ1	315.1	Before	Right Exterior Girder	56.42	0.95	1	1	328.532091
EV3_str	BOBJ1	0	After	Left Exterior Girder	0	0.95	1	1	206.131832
EV3_str	BOBJ1	0	After	Interior Girder 1	0	0.95	1	1	176.521287
EV3_str	BOBJ1	0	After	Interior Girder 2	0	0.95	1	1	138.58604
EV3_str	BOBJ1	0	After	Interior Girder 3	0	0.95	1	1	97.581662
EV3_str	BOBJ1	0	After	Interior Girder 4	0	0.95	1	1	97.581662
EV3_str	BOBJ1	0	After	Interior Girder 5	0	0.95	1	1	138.58604
EV3_str	BOBJ1	0	After	Interior Girder 6	0	0.95	1	1	176.52129
EV3_str	BOBJ1	0	After	Right Exterior Girder	0	0.95	1	1	206.131832
EV3_str	BOBJ1	9.4	Before	Left Exterior Girder	9.4	0.95	1	1	2.690928
EV3_str	BOBJ1	9.4	Before	Interior Girder 1	9.4	0.95	1	1	1.789879
EV3_str	BOBJ1	9.4	Before	Interior Girder 2	9.4	0.95	1	1	1.683211
EV3_str	BOBJ1	9.4	Before	Interior Girder 3	9.4	0.95	1	1	1.533442
EV3_str	BOBJ1	9.4	Before	Interior Girder 4	9.4	0.95	1	1	1.533442
EV3_str	BOBJ1	9.4	Before	Interior Girder 5	9.4	0.95	1	1	1.683211
EV3_str	BOBJ1	9.4	Before	Interior Girder 6	9.4	0.95	1	1	1.789879
EV3_str	BOBJ1	9.4	Before	Right Exterior Girder	9.4	0.95	1	1	2.690928
EV3_str	BOBJ1	9.4	After	Left Exterior Girder	9.4	0.95	1	1	2.698094
EV3_str	BOBJ1	9.4	After	Interior Girder 1	9.4	0.95	1	1	1.783284
EV3_str	BOBJ1	9.4	After	Interior Girder 2	9.4	0.95	1	1	1.712292
EV3_str	BOBJ1	9.4	After	Interior Girder 3	9.4	0.95	1	1	1.587202
EV3_str	BOBJ1	9.4	After	Interior Girder 4	9.4	0.95	1	1	1.587202
EV3_str	BOBJ1	9.4	After	Interior Girder 5	9.4	0.95	1	1	1.712292
EV3_str	BOBJ1	9.4	After	Interior Girder 6	9.4	0.95	1	1	1.783284
EV3_str	BOBJ1	9.4	After	Right Exterior Girder	9.4	0.95	1	1	2.698094
EV3_str	BOBJ1	18.8	Before	Left Exterior Girder	18.8	0.95	1	1	1.48349
EV3_str	BOBJ1	18.8	Before	Interior Girder 1	18.8	0.95	1	1	1.304633
EV3_str	BOBJ1	18.8	Before	Interior Girder 2	18.8	0.95	1	1	1.23705
EV3_str	BOBJ1	18.8	Before	Interior Girder 3	18.8	0.95	1	1	1.218166
EV3_str	BOBJ1	18.8	Before	Interior Girder 4	18.8	0.95	1	1	1.218166
EV3_str	BOBJ1	18.8	Before	Interior Girder 5	18.8	0.95	1	1	1.23705
EV3_str	BOBJ1	18.8	Before	Interior Girder 6	18.8	0.95	1	1	1.304633
EV3_str	BOBJ1	18.8	Before	Right Exterior Girder	18.8	0.95	1	1	1.48349
EV3_str	BOBJ1	18.8	After	Left Exterior Girder	18.8	0.95	1	1	1.501892
EV3_str	BOBJ1	18.8	After	Interior Girder 1	18.8	0.95	1	1	1.291617
EV3_str	BOBJ1	18.8	After	Interior Girder 2	18.8	0.95	1	1	1.238805
EV3_str	BOBJ1	18.8	After	Interior Girder 3	18.8	0.95	1	1	1.226604
EV3_str	BOBJ1	18.8	After	Interior Girder 4	18.8	0.95	1	1	1.226604
EV3_str	BOBJ1	18.8	After	Interior Girder 5	18.8	0.95	1	1	1.238805
EV3_str	BOBJ1	18.8	After	Interior Girder 6	18.8	0.95	1	1	1.291617
EV3_str	BOBJ1	18.8	After	Right Exterior Girder	18.8	0.95	1	1	1.501892
EV3_str	BOBJ1	28.2	Before	Left Exterior Girder	28.2	0.95	1	1	1.635921
EV3_str	BOBJ1	28.2	Before	Interior Girder 1	28.2	0.95	1	1	1.222493
EV3_str	BOBJ1	28.2	Before	Interior Girder 2	28.2	0.95	1	1	1.186795
EV3_str	BOBJ1	28.2	Before	Interior Girder 3	28.2	0.95	1	1	1.149456
EV3_str	BOBJ1	28.2	Before	Interior Girder 4	28.2	0.95	1	1	1.149456
EV3_str	BOBJ1	28.2	Before	Interior Girder 5	28.2	0.95	1	1	1.186795
EV3_str	BOBJ1	28.2	Before	Interior Girder 6	28.2	0.95	1	1	1.222493
EV3_str	BOBJ1	28.2	Before	Right Exterior Girder	28.2	0.95	1	1	1.635921
EV3_str	BOBJ1	28.2	After	Left Exterior Girder	28.2	0.95	1	1	1.627913
EV3_str	BOBJ1	28.2	After	Interior Girder 1	28.2	0.95	1	1	1.228491
EV3_str	BOBJ1	28.2	After	Interior Girder 2	28.2	0.95	1	1	1.186566
EV3_str	BOBJ1	28.2	After	Interior Girder 3	28.2	0.95	1	1	1.145068
EV3_str	BOBJ1	28.2	After	Interior Girder 4	28.2	0.95	1	1	1.145068
EV3_str	BOBJ1	28.2	After	Interior Girder 5	28.2	0.95	1	1	1.186566

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelINonCompStrgth-Flx - Approach, Span 7-11									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
EV3_str	BOBJ1	28.2	After	Interior Girder 6	28.2	0.95	1	1	1.228491
EV3_str	BOBJ1	28.2	After	Right Exterior Girder	28.2	0.95	1	1	1.627913
EV3_str	BOBJ1	37.6	Before	Left Exterior Girder	37.6	0.95	1	1	2.38537
EV3_str	BOBJ1	37.6	Before	Interior Girder 1	37.6	0.95	1	1	1.910492
EV3_str	BOBJ1	37.6	Before	Interior Girder 2	37.6	0.95	1	1	1.790356
EV3_str	BOBJ1	37.6	Before	Interior Girder 3	37.6	0.95	1	1	1.755298
EV3_str	BOBJ1	37.6	Before	Interior Girder 4	37.6	0.95	1	1	1.755298
EV3_str	BOBJ1	37.6	Before	Interior Girder 5	37.6	0.95	1	1	1.790356
EV3_str	BOBJ1	37.6	Before	Interior Girder 6	37.6	0.95	1	1	1.910492
EV3_str	BOBJ1	37.6	Before	Right Exterior Girder	37.6	0.95	1	1	2.38537
EV3_str	BOBJ1	37.6	After	Left Exterior Girder	37.6	0.95	1	1	2.330815
EV3_str	BOBJ1	37.6	After	Interior Girder 1	37.6	0.95	1	1	1.944057
EV3_str	BOBJ1	37.6	After	Interior Girder 2	37.6	0.95	1	1	1.789464
EV3_str	BOBJ1	37.6	After	Interior Girder 3	37.6	0.95	1	1	1.734868
EV3_str	BOBJ1	37.6	After	Interior Girder 4	37.6	0.95	1	1	1.734868
EV3_str	BOBJ1	37.6	After	Interior Girder 5	37.6	0.95	1	1	1.789464
EV3_str	BOBJ1	37.6	After	Interior Girder 6	37.6	0.95	1	1	1.944057
EV3_str	BOBJ1	37.6	After	Right Exterior Girder	37.6	0.95	1	1	2.330815
EV3_str	BOBJ1	47.01	Before	Left Exterior Girder	47.01	0.95	1	1	2.484964
EV3_str	BOBJ1	47.01	Before	Interior Girder 1	47.01	0.95	1	1	2.621776
EV3_str	BOBJ1	47.01	Before	Interior Girder 2	47.01	0.95	1	1	2.603974
EV3_str	BOBJ1	47.01	Before	Interior Girder 3	47.01	0.95	1	1	2.534116
EV3_str	BOBJ1	47.01	Before	Interior Girder 4	47.01	0.95	1	1	2.534116
EV3_str	BOBJ1	47.01	Before	Interior Girder 5	47.01	0.95	1	1	2.603974
EV3_str	BOBJ1	47.01	Before	Interior Girder 6	47.01	0.95	1	1	2.621776
EV3_str	BOBJ1	47.01	Before	Right Exterior Girder	47.01	0.95	1	1	2.484964
EV3_str	BOBJ1	47.01	After	Left Exterior Girder	47.01	0.95	1	1	2.546684
EV3_str	BOBJ1	47.01	After	Interior Girder 1	47.01	0.95	1	1	2.572148
EV3_str	BOBJ1	47.01	After	Interior Girder 2	47.01	0.95	1	1	2.570089
EV3_str	BOBJ1	47.01	After	Interior Girder 3	47.01	0.95	1	1	2.524143
EV3_str	BOBJ1	47.01	After	Interior Girder 4	47.01	0.95	1	1	2.524143
EV3_str	BOBJ1	47.01	After	Interior Girder 5	47.01	0.95	1	1	2.570089
EV3_str	BOBJ1	47.01	After	Interior Girder 6	47.01	0.95	1	1	2.572148
EV3_str	BOBJ1	47.01	After	Right Exterior Girder	47.01	0.95	1	1	2.546684
EV3_str	BOBJ1	49.42	Before	Left Exterior Girder	49.42	0.95	1	1	2.059061
EV3_str	BOBJ1	49.42	Before	Right Exterior Girder	49.42	0.95	1	1	2.059061
EV3_str	BOBJ1	49.42	After	Left Exterior Girder	49.42	0.95	1	1	3.739104
EV3_str	BOBJ1	49.42	After	Right Exterior Girder	49.42	0.95	1	1	3.739104
EV3_str	BOBJ1	51.92	Before	Interior Girder 1	51.92	0.95	1	1	1.880016
EV3_str	BOBJ1	51.92	Before	Interior Girder 2	51.92	0.95	1	1	1.887168
EV3_str	BOBJ1	51.92	Before	Interior Girder 3	51.92	0.95	1	1	1.745345
EV3_str	BOBJ1	51.92	Before	Interior Girder 4	51.92	0.95	1	1	1.745345
EV3_str	BOBJ1	51.92	Before	Interior Girder 5	51.92	0.95	1	1	1.887168
EV3_str	BOBJ1	51.92	Before	Interior Girder 6	51.92	0.95	1	1	1.880016
EV3_str	BOBJ1	51.92	After	Interior Girder 1	51.92	0.95	1	1	2.36431
EV3_str	BOBJ1	51.92	After	Interior Girder 2	51.92	0.95	1	1	2.308213
EV3_str	BOBJ1	51.92	After	Interior Girder 3	51.92	0.95	1	1	2.164179
EV3_str	BOBJ1	51.92	After	Interior Girder 4	51.92	0.95	1	1	2.164179
EV3_str	BOBJ1	51.92	After	Interior Girder 5	51.92	0.95	1	1	2.308213
EV3_str	BOBJ1	51.92	After	Interior Girder 6	51.92	0.95	1	1	2.36431
EV3_str	BOBJ1	56.42	Before	Left Exterior Girder	56.42	0.95	1	1	2.338286
EV3_str	BOBJ1	56.42	Before	Interior Girder 1	56.42	0.95	1	1	1.671488
EV3_str	BOBJ1	56.42	Before	Interior Girder 2	56.42	0.95	1	1	1.596586
EV3_str	BOBJ1	56.42	Before	Interior Girder 3	56.42	0.95	1	1	1.283093
EV3_str	BOBJ1	56.42	Before	Interior Girder 4	56.42	0.95	1	1	1.283093
EV3_str	BOBJ1	56.42	Before	Interior Girder 5	56.42	0.95	1	1	1.596586
EV3_str	BOBJ1	56.42	Before	Interior Girder 6	56.42	0.95	1	1	1.671488
EV3_str	BOBJ1	56.42	Before	Right Exterior Girder	56.42	0.95	1	1	2.338286
EV3_str	BOBJ1	56.42	After	Left Exterior Girder	0	0.95	1	1	2.39776
EV3_str	BOBJ1	56.42	After	Interior Girder 1	0	0.95	1	1	1.662767
EV3_str	BOBJ1	56.42	After	Interior Girder 2	0	0.95	1	1	1.617562
EV3_str	BOBJ1	56.42	After	Interior Girder 3	0	0.95	1	1	1.324233
EV3_str	BOBJ1	56.42	After	Interior Girder 4	0	0.95	1	1	1.324233
EV3_str	BOBJ1	56.42	After	Interior Girder 5	0	0.95	1	1	1.617562
EV3_str	BOBJ1	56.42	After	Interior Girder 6	0	0.95	1	1	1.662767

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelINonCompStrgth-Flx - Approach, Span 7-11									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
EV3_str	BOBJ1	56.42	After	Right Exterior Girder	0	0.95	1	1	2.39776
EV3_str	BOBJ1	60.92	Before	Interior Girder 1	4.5	0.95	1	1	2.809732
EV3_str	BOBJ1	60.92	Before	Interior Girder 2	4.5	0.95	1	1	2.657578
EV3_str	BOBJ1	60.92	Before	Interior Girder 3	4.5	0.95	1	1	2.41837
EV3_str	BOBJ1	60.92	Before	Interior Girder 4	4.5	0.95	1	1	2.41837
EV3_str	BOBJ1	60.92	Before	Interior Girder 5	4.5	0.95	1	1	2.657578
EV3_str	BOBJ1	60.92	Before	Interior Girder 6	4.5	0.95	1	1	2.809732
EV3_str	BOBJ1	60.92	After	Interior Girder 1	4.5	0.95	1	1	2.24837
EV3_str	BOBJ1	60.92	After	Interior Girder 2	4.5	0.95	1	1	2.1801
EV3_str	BOBJ1	60.92	After	Interior Girder 3	4.5	0.95	1	1	1.959794
EV3_str	BOBJ1	60.92	After	Interior Girder 4	4.5	0.95	1	1	1.959794
EV3_str	BOBJ1	60.92	After	Interior Girder 5	4.5	0.95	1	1	2.1801
EV3_str	BOBJ1	60.92	After	Interior Girder 6	4.5	0.95	1	1	2.24837
EV3_str	BOBJ1	63.42	Before	Left Exterior Girder	7	0.95	1	1	4.669067
EV3_str	BOBJ1	63.42	Before	Right Exterior Girder	7	0.95	1	1	4.669067
EV3_str	BOBJ1	63.42	After	Left Exterior Girder	7	0.95	1	1	2.563681
EV3_str	BOBJ1	63.42	After	Right Exterior Girder	7	0.95	1	1	2.563681
EV3_str	BOBJ1	64.845	Before	Left Exterior Girder	8.425	0.95	1	1	2.891014
EV3_str	BOBJ1	64.845	Before	Interior Girder 1	8.425	0.95	1	1	2.889406
EV3_str	BOBJ1	64.845	Before	Interior Girder 2	8.425	0.95	1	1	2.782366
EV3_str	BOBJ1	64.845	Before	Interior Girder 3	8.425	0.95	1	1	2.690977
EV3_str	BOBJ1	64.845	Before	Interior Girder 4	8.425	0.95	1	1	2.690977
EV3_str	BOBJ1	64.845	Before	Interior Girder 5	8.425	0.95	1	1	2.782366
EV3_str	BOBJ1	64.845	Before	Interior Girder 6	8.425	0.95	1	1	2.889406
EV3_str	BOBJ1	64.845	Before	Right Exterior Girder	8.425	0.95	1	1	2.891014
EV3_str	BOBJ1	64.845	After	Left Exterior Girder	8.425	0.95	1	1	2.857924
EV3_str	BOBJ1	64.845	After	Interior Girder 1	8.425	0.95	1	1	2.923923
EV3_str	BOBJ1	64.845	After	Interior Girder 2	8.425	0.95	1	1	2.81466
EV3_str	BOBJ1	64.845	After	Interior Girder 3	8.425	0.95	1	1	2.708252
EV3_str	BOBJ1	64.845	After	Interior Girder 4	8.425	0.95	1	1	2.708252
EV3_str	BOBJ1	64.845	After	Interior Girder 5	8.425	0.95	1	1	2.81466
EV3_str	BOBJ1	64.845	After	Interior Girder 6	8.425	0.95	1	1	2.923923
EV3_str	BOBJ1	64.845	After	Right Exterior Girder	8.425	0.95	1	1	2.857924
EV3_str	BOBJ1	69.92	Before	Left Exterior Girder	13.5	0.95	1	1	4.031457
EV3_str	BOBJ1	69.92	Before	Interior Girder 1	13.5	0.95	1	1	3.090689
EV3_str	BOBJ1	69.92	Before	Interior Girder 2	13.5	0.95	1	1	2.786352
EV3_str	BOBJ1	69.92	Before	Interior Girder 3	13.5	0.95	1	1	2.699842
EV3_str	BOBJ1	69.92	Before	Interior Girder 4	13.5	0.95	1	1	2.699842
EV3_str	BOBJ1	69.92	Before	Interior Girder 5	13.5	0.95	1	1	2.786352
EV3_str	BOBJ1	69.92	Before	Interior Girder 6	13.5	0.95	1	1	3.090689
EV3_str	BOBJ1	69.92	Before	Right Exterior Girder	13.5	0.95	1	1	4.031457
EV3_str	BOBJ1	69.92	After	Left Exterior Girder	13.5	0.95	1	1	3.447166
EV3_str	BOBJ1	69.92	After	Interior Girder 1	13.5	0.95	1	1	2.886479
EV3_str	BOBJ1	69.92	After	Interior Girder 2	13.5	0.95	1	1	2.615784
EV3_str	BOBJ1	69.92	After	Interior Girder 3	13.5	0.95	1	1	2.559074
EV3_str	BOBJ1	69.92	After	Interior Girder 4	13.5	0.95	1	1	2.559074
EV3_str	BOBJ1	69.92	After	Interior Girder 5	13.5	0.95	1	1	2.615784
EV3_str	BOBJ1	69.92	After	Interior Girder 6	13.5	0.95	1	1	2.886479
EV3_str	BOBJ1	69.92	After	Right Exterior Girder	13.5	0.95	1	1	3.447166
EV3_str	BOBJ1	73.27	Before	Left Exterior Girder	16.85	0.95	1	1	2.829618
EV3_str	BOBJ1	73.27	Before	Interior Girder 1	16.85	0.95	1	1	2.295734
EV3_str	BOBJ1	73.27	Before	Interior Girder 2	16.85	0.95	1	1	2.101478
EV3_str	BOBJ1	73.27	Before	Interior Girder 3	16.85	0.95	1	1	2.045909
EV3_str	BOBJ1	73.27	Before	Interior Girder 4	16.85	0.95	1	1	2.045909
EV3_str	BOBJ1	73.27	Before	Interior Girder 5	16.85	0.95	1	1	2.101478
EV3_str	BOBJ1	73.27	Before	Interior Girder 6	16.85	0.95	1	1	2.295734
EV3_str	BOBJ1	73.27	Before	Right Exterior Girder	16.85	0.95	1	1	2.829618
EV3_str	BOBJ1	73.27	After	Left Exterior Girder	16.85	0.95	1	1	2.895949
EV3_str	BOBJ1	73.27	After	Interior Girder 1	16.85	0.95	1	1	2.260628
EV3_str	BOBJ1	73.27	After	Interior Girder 2	16.85	0.95	1	1	2.087925
EV3_str	BOBJ1	73.27	After	Interior Girder 3	16.85	0.95	1	1	2.055126
EV3_str	BOBJ1	73.27	After	Interior Girder 4	16.85	0.95	1	1	2.055126
EV3_str	BOBJ1	73.27	After	Interior Girder 5	16.85	0.95	1	1	2.087925
EV3_str	BOBJ1	73.27	After	Interior Girder 6	16.85	0.95	1	1	2.260628
EV3_str	BOBJ1	73.27	After	Right Exterior Girder	16.85	0.95	1	1	2.895949

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelINonCompStrgth-Flx - Approach, Span 7-11									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
EV3_str	BOBJ1	81.695	Before	Left Exterior Girder	25.275	0.95	1	1	1.724278
EV3_str	BOBJ1	81.695	Before	Interior Girder 1	25.275	0.95	1	1	1.361069
EV3_str	BOBJ1	81.695	Before	Interior Girder 2	25.275	0.95	1	1	1.311241
EV3_str	BOBJ1	81.695	Before	Interior Girder 3	25.275	0.95	1	1	1.26378
EV3_str	BOBJ1	81.695	Before	Interior Girder 4	25.275	0.95	1	1	1.26378
EV3_str	BOBJ1	81.695	Before	Interior Girder 5	25.275	0.95	1	1	1.311241
EV3_str	BOBJ1	81.695	Before	Interior Girder 6	25.275	0.95	1	1	1.361069
EV3_str	BOBJ1	81.695	Before	Right Exterior Girder	25.275	0.95	1	1	1.724278
EV3_str	BOBJ1	81.695	After	Left Exterior Girder	25.275	0.95	1	1	1.750002
EV3_str	BOBJ1	81.695	After	Interior Girder 1	25.275	0.95	1	1	1.346617
EV3_str	BOBJ1	81.695	After	Interior Girder 2	25.275	0.95	1	1	1.308095
EV3_str	BOBJ1	81.695	After	Interior Girder 3	25.275	0.95	1	1	1.272561
EV3_str	BOBJ1	81.695	After	Interior Girder 4	25.275	0.95	1	1	1.272561
EV3_str	BOBJ1	81.695	After	Interior Girder 5	25.275	0.95	1	1	1.308095
EV3_str	BOBJ1	81.695	After	Interior Girder 6	25.275	0.95	1	1	1.346617
EV3_str	BOBJ1	81.695	After	Right Exterior Girder	25.275	0.95	1	1	1.750002
EV3_str	BOBJ1	90.12	Before	Left Exterior Girder	33.7	0.95	1	1	1.369769
EV3_str	BOBJ1	90.12	Before	Interior Girder 1	33.7	0.95	1	1	1.261211
EV3_str	BOBJ1	90.12	Before	Interior Girder 2	33.7	0.95	1	1	1.22904
EV3_str	BOBJ1	90.12	Before	Interior Girder 3	33.7	0.95	1	1	1.232585
EV3_str	BOBJ1	90.12	Before	Interior Girder 4	33.7	0.95	1	1	1.232585
EV3_str	BOBJ1	90.12	Before	Interior Girder 5	33.7	0.95	1	1	1.22904
EV3_str	BOBJ1	90.12	Before	Interior Girder 6	33.7	0.95	1	1	1.261211
EV3_str	BOBJ1	90.12	Before	Right Exterior Girder	33.7	0.95	1	1	1.369769
EV3_str	BOBJ1	90.12	After	Left Exterior Girder	33.7	0.95	1	1	1.370925
EV3_str	BOBJ1	90.12	After	Interior Girder 1	33.7	0.95	1	1	1.261303
EV3_str	BOBJ1	90.12	After	Interior Girder 2	33.7	0.95	1	1	1.228093
EV3_str	BOBJ1	90.12	After	Interior Girder 3	33.7	0.95	1	1	1.232277
EV3_str	BOBJ1	90.12	After	Interior Girder 4	33.7	0.95	1	1	1.232277
EV3_str	BOBJ1	90.12	After	Interior Girder 5	33.7	0.95	1	1	1.228093
EV3_str	BOBJ1	90.12	After	Interior Girder 6	33.7	0.95	1	1	1.261303
EV3_str	BOBJ1	90.12	After	Right Exterior Girder	33.7	0.95	1	1	1.370925
EV3_str	BOBJ1	98.545	Before	Left Exterior Girder	42.125	0.95	1	1	1.702088
EV3_str	BOBJ1	98.545	Before	Interior Girder 1	42.125	0.95	1	1	1.329973
EV3_str	BOBJ1	98.545	Before	Interior Girder 2	42.125	0.95	1	1	1.297277
EV3_str	BOBJ1	98.545	Before	Interior Girder 3	42.125	0.95	1	1	1.264414
EV3_str	BOBJ1	98.545	Before	Interior Girder 4	42.125	0.95	1	1	1.264414
EV3_str	BOBJ1	98.545	Before	Interior Girder 5	42.125	0.95	1	1	1.297277
EV3_str	BOBJ1	98.545	Before	Interior Girder 6	42.125	0.95	1	1	1.329973
EV3_str	BOBJ1	98.545	Before	Right Exterior Girder	42.125	0.95	1	1	1.702088
EV3_str	BOBJ1	98.545	After	Left Exterior Girder	42.125	0.95	1	1	1.68153
EV3_str	BOBJ1	98.545	After	Interior Girder 1	42.125	0.95	1	1	1.343032
EV3_str	BOBJ1	98.545	After	Interior Girder 2	42.125	0.95	1	1	1.299605
EV3_str	BOBJ1	98.545	After	Interior Girder 3	42.125	0.95	1	1	1.256076
EV3_str	BOBJ1	98.545	After	Interior Girder 4	42.125	0.95	1	1	1.256076
EV3_str	BOBJ1	98.545	After	Interior Girder 5	42.125	0.95	1	1	1.299605
EV3_str	BOBJ1	98.545	After	Interior Girder 6	42.125	0.95	1	1	1.343032
EV3_str	BOBJ1	98.545	After	Right Exterior Girder	42.125	0.95	1	1	1.68153
EV3_str	BOBJ1	106.97	Before	Left Exterior Girder	50.55	0.95	1	1	2.7277
EV3_str	BOBJ1	106.97	Before	Interior Girder 1	50.55	0.95	1	1	2.176114
EV3_str	BOBJ1	106.97	Before	Interior Girder 2	50.55	0.95	1	1	2.03386
EV3_str	BOBJ1	106.97	Before	Interior Girder 3	50.55	0.95	1	1	1.995715
EV3_str	BOBJ1	106.97	Before	Interior Girder 4	50.55	0.95	1	1	1.995715
EV3_str	BOBJ1	106.97	Before	Interior Girder 5	50.55	0.95	1	1	2.03386
EV3_str	BOBJ1	106.97	Before	Interior Girder 6	50.55	0.95	1	1	2.176114
EV3_str	BOBJ1	106.97	Before	Right Exterior Girder	50.55	0.95	1	1	2.7277
EV3_str	BOBJ1	106.97	After	Left Exterior Girder	50.55	0.95	1	1	2.662121
EV3_str	BOBJ1	106.97	After	Interior Girder 1	50.55	0.95	1	1	2.212673
EV3_str	BOBJ1	106.97	After	Interior Girder 2	50.55	0.95	1	1	2.035258
EV3_str	BOBJ1	106.97	After	Interior Girder 3	50.55	0.95	1	1	1.967248
EV3_str	BOBJ1	106.97	After	Interior Girder 4	50.55	0.95	1	1	1.967248
EV3_str	BOBJ1	106.97	After	Interior Girder 5	50.55	0.95	1	1	2.035258
EV3_str	BOBJ1	106.97	After	Interior Girder 6	50.55	0.95	1	1	2.212673
EV3_str	BOBJ1	106.97	After	Right Exterior Girder	50.55	0.95	1	1	2.662121
EV3_str	BOBJ1	115.405	Before	Left Exterior Girder	58.985	0.95	1	1	2.157471

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelINonCompStrgth-Flx - Approach, Span 7-11									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
EV3_str	BOBJ1	115.405	Before	Interior Girder 1	58.985	0.95	1	1	2.439628
EV3_str	BOBJ1	115.405	Before	Interior Girder 2	58.985	0.95	1	1	2.43068
EV3_str	BOBJ1	115.405	Before	Interior Girder 3	58.985	0.95	1	1	2.345602
EV3_str	BOBJ1	115.405	Before	Interior Girder 4	58.985	0.95	1	1	2.345602
EV3_str	BOBJ1	115.405	Before	Interior Girder 5	58.985	0.95	1	1	2.43068
EV3_str	BOBJ1	115.405	Before	Interior Girder 6	58.985	0.95	1	1	2.439628
EV3_str	BOBJ1	115.405	Before	Right Exterior Girder	58.985	0.95	1	1	2.157471
EV3_str	BOBJ1	115.405	After	Left Exterior Girder	58.985	0.95	1	1	2.218966
EV3_str	BOBJ1	115.405	After	Interior Girder 1	58.985	0.95	1	1	2.386049
EV3_str	BOBJ1	115.405	After	Interior Girder 2	58.985	0.95	1	1	2.403491
EV3_str	BOBJ1	115.405	After	Interior Girder 3	58.985	0.95	1	1	2.338471
EV3_str	BOBJ1	115.405	After	Interior Girder 4	58.985	0.95	1	1	2.338471
EV3_str	BOBJ1	115.405	After	Interior Girder 5	58.985	0.95	1	1	2.403491
EV3_str	BOBJ1	115.405	After	Interior Girder 6	58.985	0.95	1	1	2.386049
EV3_str	BOBJ1	115.405	After	Right Exterior Girder	58.985	0.95	1	1	2.218966
EV3_str	BOBJ1	116.34	Before	Left Exterior Girder	59.92	0.95	1	1	2.005325
EV3_str	BOBJ1	116.34	Before	Right Exterior Girder	59.92	0.95	1	1	2.005325
EV3_str	BOBJ1	116.34	After	Left Exterior Girder	59.92	0.95	1	1	4.20226
EV3_str	BOBJ1	116.34	After	Right Exterior Girder	59.92	0.95	1	1	4.20226
EV3_str	BOBJ1	118.84	Before	Interior Girder 1	62.42	0.95	1	1	1.917488
EV3_str	BOBJ1	118.84	Before	Interior Girder 2	62.42	0.95	1	1	1.930363
EV3_str	BOBJ1	118.84	Before	Interior Girder 3	62.42	0.95	1	1	1.787528
EV3_str	BOBJ1	118.84	Before	Interior Girder 4	62.42	0.95	1	1	1.787528
EV3_str	BOBJ1	118.84	Before	Interior Girder 5	62.42	0.95	1	1	1.930363
EV3_str	BOBJ1	118.84	Before	Interior Girder 6	62.42	0.95	1	1	1.917488
EV3_str	BOBJ1	118.84	After	Interior Girder 1	62.42	0.95	1	1	2.770437
EV3_str	BOBJ1	118.84	After	Interior Girder 2	62.42	0.95	1	1	2.701191
EV3_str	BOBJ1	118.84	After	Interior Girder 3	62.42	0.95	1	1	2.549468
EV3_str	BOBJ1	118.84	After	Interior Girder 4	62.42	0.95	1	1	2.549468
EV3_str	BOBJ1	118.84	After	Interior Girder 5	62.42	0.95	1	1	2.701191
EV3_str	BOBJ1	118.84	After	Interior Girder 6	62.42	0.95	1	1	2.770437
EV3_str	BOBJ1	123.84	Before	Left Exterior Girder	67.42	0.95	1	1	2.502272
EV3_str	BOBJ1	123.84	Before	Interior Girder 1	67.42	0.95	1	1	1.874427
EV3_str	BOBJ1	123.84	Before	Interior Girder 2	67.42	0.95	1	1	1.80596
EV3_str	BOBJ1	123.84	Before	Interior Girder 3	67.42	0.95	1	1	1.470276
EV3_str	BOBJ1	123.84	Before	Interior Girder 4	67.42	0.95	1	1	1.470276
EV3_str	BOBJ1	123.84	Before	Interior Girder 5	67.42	0.95	1	1	1.80596
EV3_str	BOBJ1	123.84	Before	Interior Girder 6	67.42	0.95	1	1	1.874427
EV3_str	BOBJ1	123.84	Before	Right Exterior Girder	67.42	0.95	1	1	2.502272
EV3_str	BOBJ1	123.84	After	Left Exterior Girder	0	0.95	1	1	2.476817
EV3_str	BOBJ1	123.84	After	Interior Girder 1	0	0.95	1	1	1.846476
EV3_str	BOBJ1	123.84	After	Interior Girder 2	0	0.95	1	1	1.799135
EV3_str	BOBJ1	123.84	After	Interior Girder 3	0	0.95	1	1	1.467696
EV3_str	BOBJ1	123.84	After	Interior Girder 4	0	0.95	1	1	1.467696
EV3_str	BOBJ1	123.84	After	Interior Girder 5	0	0.95	1	1	1.799135
EV3_str	BOBJ1	123.84	After	Interior Girder 6	0	0.95	1	1	1.846476
EV3_str	BOBJ1	123.84	After	Right Exterior Girder	0	0.95	1	1	2.476817
EV3_str	BOBJ1	128.84	Before	Interior Girder 1	5	0.95	1	1	2.832981
EV3_str	BOBJ1	128.84	Before	Interior Girder 2	5	0.95	1	1	2.750616
EV3_str	BOBJ1	128.84	Before	Interior Girder 3	5	0.95	1	1	2.583616
EV3_str	BOBJ1	128.84	Before	Interior Girder 4	5	0.95	1	1	2.583616
EV3_str	BOBJ1	128.84	Before	Interior Girder 5	5	0.95	1	1	2.750616
EV3_str	BOBJ1	128.84	Before	Interior Girder 6	5	0.95	1	1	2.832981
EV3_str	BOBJ1	128.84	After	Interior Girder 1	5	0.95	1	1	1.964897
EV3_str	BOBJ1	128.84	After	Interior Girder 2	5	0.95	1	1	1.967377
EV3_str	BOBJ1	128.84	After	Interior Girder 3	5	0.95	1	1	1.817707
EV3_str	BOBJ1	128.84	After	Interior Girder 4	5	0.95	1	1	1.817707
EV3_str	BOBJ1	128.84	After	Interior Girder 5	5	0.95	1	1	1.967377
EV3_str	BOBJ1	128.84	After	Interior Girder 6	5	0.95	1	1	1.964897
EV3_str	BOBJ1	131.34	Before	Left Exterior Girder	7.5	0.95	1	1	4.3313
EV3_str	BOBJ1	131.34	Before	Right Exterior Girder	7.5	0.95	1	1	4.3313
EV3_str	BOBJ1	131.34	After	Left Exterior Girder	7.5	0.95	1	1	2.069494
EV3_str	BOBJ1	131.34	After	Right Exterior Girder	7.5	0.95	1	1	2.069494
EV3_str	BOBJ1	132.265	Before	Left Exterior Girder	8.425	0.95	1	1	2.277501
EV3_str	BOBJ1	132.265	Before	Interior Girder 1	8.425	0.95	1	1	2.443255

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelINonCompStrgth-Flx - Approach, Span 7-11									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
EV3_str	BOBJ1	132.265	Before	Interior Girder 2	8.425	0.95	1	1	2.44848
EV3_str	BOBJ1	132.265	Before	Interior Girder 3	8.425	0.95	1	1	2.378208
EV3_str	BOBJ1	132.265	Before	Interior Girder 4	8.425	0.95	1	1	2.378208
EV3_str	BOBJ1	132.265	Before	Interior Girder 5	8.425	0.95	1	1	2.44848
EV3_str	BOBJ1	132.265	Before	Interior Girder 6	8.425	0.95	1	1	2.443255
EV3_str	BOBJ1	132.265	Before	Right Exterior Girder	8.425	0.95	1	1	2.277501
EV3_str	BOBJ1	132.265	After	Left Exterior Girder	8.425	0.95	1	1	2.214502
EV3_str	BOBJ1	132.265	After	Interior Girder 1	8.425	0.95	1	1	2.497418
EV3_str	BOBJ1	132.265	After	Interior Girder 2	8.425	0.95	1	1	2.477142
EV3_str	BOBJ1	132.265	After	Interior Girder 3	8.425	0.95	1	1	2.386727
EV3_str	BOBJ1	132.265	After	Interior Girder 4	8.425	0.95	1	1	2.386727
EV3_str	BOBJ1	132.265	After	Interior Girder 5	8.425	0.95	1	1	2.477142
EV3_str	BOBJ1	132.265	After	Interior Girder 6	8.425	0.95	1	1	2.497418
EV3_str	BOBJ1	132.265	After	Right Exterior Girder	8.425	0.95	1	1	2.214502
EV3_str	BOBJ1	140.69	Before	Left Exterior Girder	16.85	0.95	1	1	2.682784
EV3_str	BOBJ1	140.69	Before	Interior Girder 1	16.85	0.95	1	1	2.21568
EV3_str	BOBJ1	140.69	Before	Interior Girder 2	16.85	0.95	1	1	2.03851
EV3_str	BOBJ1	140.69	Before	Interior Girder 3	16.85	0.95	1	1	1.973017
EV3_str	BOBJ1	140.69	Before	Interior Girder 4	16.85	0.95	1	1	1.973017
EV3_str	BOBJ1	140.69	Before	Interior Girder 5	16.85	0.95	1	1	2.03851
EV3_str	BOBJ1	140.69	Before	Interior Girder 6	16.85	0.95	1	1	2.21568
EV3_str	BOBJ1	140.69	Before	Right Exterior Girder	16.85	0.95	1	1	2.682784
EV3_str	BOBJ1	140.69	After	Left Exterior Girder	16.85	0.95	1	1	2.750439
EV3_str	BOBJ1	140.69	After	Interior Girder 1	16.85	0.95	1	1	2.17943
EV3_str	BOBJ1	140.69	After	Interior Girder 2	16.85	0.95	1	1	2.036729
EV3_str	BOBJ1	140.69	After	Interior Girder 3	16.85	0.95	1	1	2.001076
EV3_str	BOBJ1	140.69	After	Interior Girder 4	16.85	0.95	1	1	2.001076
EV3_str	BOBJ1	140.69	After	Interior Girder 5	16.85	0.95	1	1	2.036729
EV3_str	BOBJ1	140.69	After	Interior Girder 6	16.85	0.95	1	1	2.17943
EV3_str	BOBJ1	140.69	After	Right Exterior Girder	16.85	0.95	1	1	2.750439
EV3_str	BOBJ1	149.115	Before	Left Exterior Girder	25.275	0.95	1	1	1.672197
EV3_str	BOBJ1	149.115	Before	Interior Girder 1	25.275	0.95	1	1	1.333858
EV3_str	BOBJ1	149.115	Before	Interior Girder 2	25.275	0.95	1	1	1.293987
EV3_str	BOBJ1	149.115	Before	Interior Girder 3	25.275	0.95	1	1	1.253834
EV3_str	BOBJ1	149.115	Before	Interior Girder 4	25.275	0.95	1	1	1.253834
EV3_str	BOBJ1	149.115	Before	Interior Girder 5	25.275	0.95	1	1	1.293987
EV3_str	BOBJ1	149.115	Before	Interior Girder 6	25.275	0.95	1	1	1.333858
EV3_str	BOBJ1	149.115	Before	Right Exterior Girder	25.275	0.95	1	1	1.672197
EV3_str	BOBJ1	149.115	After	Left Exterior Girder	25.275	0.95	1	1	1.694017
EV3_str	BOBJ1	149.115	After	Interior Girder 1	25.275	0.95	1	1	1.321165
EV3_str	BOBJ1	149.115	After	Interior Girder 2	25.275	0.95	1	1	1.291183
EV3_str	BOBJ1	149.115	After	Interior Girder 3	25.275	0.95	1	1	1.261873
EV3_str	BOBJ1	149.115	After	Interior Girder 4	25.275	0.95	1	1	1.261873
EV3_str	BOBJ1	149.115	After	Interior Girder 5	25.275	0.95	1	1	1.291183
EV3_str	BOBJ1	149.115	After	Interior Girder 6	25.275	0.95	1	1	1.321165
EV3_str	BOBJ1	149.115	After	Right Exterior Girder	25.275	0.95	1	1	1.694017
EV3_str	BOBJ1	157.54	Before	Left Exterior Girder	33.7	0.95	1	1	1.348222
EV3_str	BOBJ1	157.54	Before	Interior Girder 1	33.7	0.95	1	1	1.242605
EV3_str	BOBJ1	157.54	Before	Interior Girder 2	33.7	0.95	1	1	1.216432
EV3_str	BOBJ1	157.54	Before	Interior Girder 3	33.7	0.95	1	1	1.225849
EV3_str	BOBJ1	157.54	Before	Interior Girder 4	33.7	0.95	1	1	1.225849
EV3_str	BOBJ1	157.54	Before	Interior Girder 5	33.7	0.95	1	1	1.216432
EV3_str	BOBJ1	157.54	Before	Interior Girder 6	33.7	0.95	1	1	1.242605
EV3_str	BOBJ1	157.54	Before	Right Exterior Girder	33.7	0.95	1	1	1.348222
EV3_str	BOBJ1	157.54	After	Left Exterior Girder	33.7	0.95	1	1	1.348304
EV3_str	BOBJ1	157.54	After	Interior Girder 1	33.7	0.95	1	1	1.242595
EV3_str	BOBJ1	157.54	After	Interior Girder 2	33.7	0.95	1	1	1.216407
EV3_str	BOBJ1	157.54	After	Interior Girder 3	33.7	0.95	1	1	1.225857
EV3_str	BOBJ1	157.54	After	Interior Girder 4	33.7	0.95	1	1	1.225857
EV3_str	BOBJ1	157.54	After	Interior Girder 5	33.7	0.95	1	1	1.216407
EV3_str	BOBJ1	157.54	After	Interior Girder 6	33.7	0.95	1	1	1.242595
EV3_str	BOBJ1	157.54	After	Right Exterior Girder	33.7	0.95	1	1	1.348304
EV3_str	BOBJ1	165.965	Before	Left Exterior Girder	42.125	0.95	1	1	1.692612
EV3_str	BOBJ1	165.965	Before	Interior Girder 1	42.125	0.95	1	1	1.320615
EV3_str	BOBJ1	165.965	Before	Interior Girder 2	42.125	0.95	1	1	1.290664

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelINonCompStrgth-Flx - Approach, Span 7-11									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
EV3_str	BOBJ1	165.965	Before	Interior Girder 3	42.125	0.95	1	1	1.26129
EV3_str	BOBJ1	165.965	Before	Interior Girder 4	42.125	0.95	1	1	1.26129
EV3_str	BOBJ1	165.965	Before	Interior Girder 5	42.125	0.95	1	1	1.290664
EV3_str	BOBJ1	165.965	Before	Interior Girder 6	42.125	0.95	1	1	1.320615
EV3_str	BOBJ1	165.965	Before	Right Exterior Girder	42.125	0.95	1	1	1.692612
EV3_str	BOBJ1	165.965	After	Left Exterior Girder	42.125	0.95	1	1	1.670977
EV3_str	BOBJ1	165.965	After	Interior Girder 1	42.125	0.95	1	1	1.333246
EV3_str	BOBJ1	165.965	After	Interior Girder 2	42.125	0.95	1	1	1.293453
EV3_str	BOBJ1	165.965	After	Interior Girder 3	42.125	0.95	1	1	1.253308
EV3_str	BOBJ1	165.965	After	Interior Girder 4	42.125	0.95	1	1	1.253308
EV3_str	BOBJ1	165.965	After	Interior Girder 5	42.125	0.95	1	1	1.293453
EV3_str	BOBJ1	165.965	After	Interior Girder 6	42.125	0.95	1	1	1.333246
EV3_str	BOBJ1	165.965	After	Right Exterior Girder	42.125	0.95	1	1	1.670977
EV3_str	BOBJ1	174.39	Before	Left Exterior Girder	50.55	0.95	1	1	2.744974
EV3_str	BOBJ1	174.39	Before	Interior Girder 1	50.55	0.95	1	1	2.177001
EV3_str	BOBJ1	174.39	Before	Interior Girder 2	50.55	0.95	1	1	2.034691
EV3_str	BOBJ1	174.39	Before	Interior Girder 3	50.55	0.95	1	1	1.998682
EV3_str	BOBJ1	174.39	Before	Interior Girder 4	50.55	0.95	1	1	1.998682
EV3_str	BOBJ1	174.39	Before	Interior Girder 5	50.55	0.95	1	1	2.034691
EV3_str	BOBJ1	174.39	Before	Interior Girder 6	50.55	0.95	1	1	2.177001
EV3_str	BOBJ1	174.39	Before	Right Exterior Girder	50.55	0.95	1	1	2.744974
EV3_str	BOBJ1	174.39	After	Left Exterior Girder	50.55	0.95	1	1	2.677472
EV3_str	BOBJ1	174.39	After	Interior Girder 1	50.55	0.95	1	1	2.213261
EV3_str	BOBJ1	174.39	After	Interior Girder 2	50.55	0.95	1	1	2.036513
EV3_str	BOBJ1	174.39	After	Interior Girder 3	50.55	0.95	1	1	1.970724
EV3_str	BOBJ1	174.39	After	Interior Girder 4	50.55	0.95	1	1	1.970724
EV3_str	BOBJ1	174.39	After	Interior Girder 5	50.55	0.95	1	1	2.036513
EV3_str	BOBJ1	174.39	After	Interior Girder 6	50.55	0.95	1	1	2.213261
EV3_str	BOBJ1	174.39	After	Right Exterior Girder	50.55	0.95	1	1	2.677472
EV3_str	BOBJ1	182.825	Before	Left Exterior Girder	58.985	0.95	1	1	2.215695
EV3_str	BOBJ1	182.825	Before	Interior Girder 1	58.985	0.95	1	1	2.495222
EV3_str	BOBJ1	182.825	Before	Interior Girder 2	58.985	0.95	1	1	2.474699
EV3_str	BOBJ1	182.825	Before	Interior Girder 3	58.985	0.95	1	1	2.387328
EV3_str	BOBJ1	182.825	Before	Interior Girder 4	58.985	0.95	1	1	2.387328
EV3_str	BOBJ1	182.825	Before	Interior Girder 5	58.985	0.95	1	1	2.474699
EV3_str	BOBJ1	182.825	Before	Interior Girder 6	58.985	0.95	1	1	2.495222
EV3_str	BOBJ1	182.825	Before	Right Exterior Girder	58.985	0.95	1	1	2.215695
EV3_str	BOBJ1	182.825	After	Left Exterior Girder	58.985	0.95	1	1	2.27887
EV3_str	BOBJ1	182.825	After	Interior Girder 1	58.985	0.95	1	1	2.441075
EV3_str	BOBJ1	182.825	After	Interior Girder 2	58.985	0.95	1	1	2.445949
EV3_str	BOBJ1	182.825	After	Interior Girder 3	58.985	0.95	1	1	2.379046
EV3_str	BOBJ1	182.825	After	Interior Girder 4	58.985	0.95	1	1	2.379046
EV3_str	BOBJ1	182.825	After	Interior Girder 5	58.985	0.95	1	1	2.445949
EV3_str	BOBJ1	182.825	After	Interior Girder 6	58.985	0.95	1	1	2.441075
EV3_str	BOBJ1	182.825	After	Right Exterior Girder	58.985	0.95	1	1	2.27887
EV3_str	BOBJ1	183.76	Before	Left Exterior Girder	59.92	0.95	1	1	2.05968
EV3_str	BOBJ1	183.76	Before	Right Exterior Girder	59.92	0.95	1	1	2.05968
EV3_str	BOBJ1	183.76	After	Left Exterior Girder	59.92	0.95	1	1	4.316307
EV3_str	BOBJ1	183.76	After	Right Exterior Girder	59.92	0.95	1	1	4.316307
EV3_str	BOBJ1	186.26	Before	Interior Girder 1	62.42	0.95	1	1	1.960815
EV3_str	BOBJ1	186.26	Before	Interior Girder 2	62.42	0.95	1	1	1.963388
EV3_str	BOBJ1	186.26	Before	Interior Girder 3	62.42	0.95	1	1	1.817022
EV3_str	BOBJ1	186.26	Before	Interior Girder 4	62.42	0.95	1	1	1.817022
EV3_str	BOBJ1	186.26	Before	Interior Girder 5	62.42	0.95	1	1	1.963388
EV3_str	BOBJ1	186.26	Before	Interior Girder 6	62.42	0.95	1	1	1.960815
EV3_str	BOBJ1	186.26	After	Interior Girder 1	62.42	0.95	1	1	2.82823
EV3_str	BOBJ1	186.26	After	Interior Girder 2	62.42	0.95	1	1	2.745882
EV3_str	BOBJ1	186.26	After	Interior Girder 3	62.42	0.95	1	1	2.583357
EV3_str	BOBJ1	186.26	After	Interior Girder 4	62.42	0.95	1	1	2.583357
EV3_str	BOBJ1	186.26	After	Interior Girder 5	62.42	0.95	1	1	2.745882
EV3_str	BOBJ1	186.26	After	Interior Girder 6	62.42	0.95	1	1	2.82823
EV3_str	BOBJ1	191.26	Before	Left Exterior Girder	67.42	0.95	1	1	2.476714
EV3_str	BOBJ1	191.26	Before	Interior Girder 1	67.42	0.95	1	1	1.841807
EV3_str	BOBJ1	191.26	Before	Interior Girder 2	67.42	0.95	1	1	1.793813
EV3_str	BOBJ1	191.26	Before	Interior Girder 3	67.42	0.95	1	1	1.466667

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelINonCompStrgth-Flx - Approach, Span 7-11									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
EV3_str	BOBJ1	191.26	Before	Interior Girder 4	67.42	0.95	1	1	1.466667
EV3_str	BOBJ1	191.26	Before	Interior Girder 5	67.42	0.95	1	1	1.793813
EV3_str	BOBJ1	191.26	Before	Interior Girder 6	67.42	0.95	1	1	1.841807
EV3_str	BOBJ1	191.26	Before	Right Exterior Girder	67.42	0.95	1	1	2.476714
EV3_str	BOBJ1	191.26	After	Left Exterior Girder	0	0.95	1	1	2.498626
EV3_str	BOBJ1	191.26	After	Interior Girder 1	0	0.95	1	1	1.876623
EV3_str	BOBJ1	191.26	After	Interior Girder 2	0	0.95	1	1	1.809491
EV3_str	BOBJ1	191.26	After	Interior Girder 3	0	0.95	1	1	1.470004
EV3_str	BOBJ1	191.26	After	Interior Girder 4	0	0.95	1	1	1.470004
EV3_str	BOBJ1	191.26	After	Interior Girder 5	0	0.95	1	1	1.809491
EV3_str	BOBJ1	191.26	After	Interior Girder 6	0	0.95	1	1	1.876623
EV3_str	BOBJ1	191.26	After	Right Exterior Girder	0	0.95	1	1	2.498626
EV3_str	BOBJ1	196.26	Before	Interior Girder 1	5	0.95	1	1	2.772676
EV3_str	BOBJ1	196.26	Before	Interior Girder 2	5	0.95	1	1	2.70417
EV3_str	BOBJ1	196.26	Before	Interior Girder 3	5	0.95	1	1	2.548348
EV3_str	BOBJ1	196.26	Before	Interior Girder 4	5	0.95	1	1	2.548348
EV3_str	BOBJ1	196.26	Before	Interior Girder 5	5	0.95	1	1	2.70417
EV3_str	BOBJ1	196.26	Before	Interior Girder 6	5	0.95	1	1	2.772676
EV3_str	BOBJ1	196.26	After	Interior Girder 1	5	0.95	1	1	1.919028
EV3_str	BOBJ1	196.26	After	Interior Girder 2	5	0.95	1	1	1.932597
EV3_str	BOBJ1	196.26	After	Interior Girder 3	5	0.95	1	1	1.786731
EV3_str	BOBJ1	196.26	After	Interior Girder 4	5	0.95	1	1	1.786731
EV3_str	BOBJ1	196.26	After	Interior Girder 5	5	0.95	1	1	1.932597
EV3_str	BOBJ1	196.26	After	Interior Girder 6	5	0.95	1	1	1.919028
EV3_str	BOBJ1	198.76	Before	Left Exterior Girder	7.5	0.95	1	1	4.214016
EV3_str	BOBJ1	198.76	Before	Right Exterior Girder	7.5	0.95	1	1	4.214016
EV3_str	BOBJ1	198.76	After	Left Exterior Girder	7.5	0.95	1	1	2.011995
EV3_str	BOBJ1	198.76	After	Right Exterior Girder	7.5	0.95	1	1	2.011995
EV3_str	BOBJ1	199.685	Before	Left Exterior Girder	8.425	0.95	1	1	2.214914
EV3_str	BOBJ1	199.685	Before	Interior Girder 1	8.425	0.95	1	1	2.386058
EV3_str	BOBJ1	199.685	Before	Interior Girder 2	8.425	0.95	1	1	2.404491
EV3_str	BOBJ1	199.685	Before	Interior Girder 3	8.425	0.95	1	1	2.336429
EV3_str	BOBJ1	199.685	Before	Interior Girder 4	8.425	0.95	1	1	2.336429
EV3_str	BOBJ1	199.685	Before	Interior Girder 5	8.425	0.95	1	1	2.404491
EV3_str	BOBJ1	199.685	Before	Interior Girder 6	8.425	0.95	1	1	2.386058
EV3_str	BOBJ1	199.685	Before	Right Exterior Girder	8.425	0.95	1	1	2.214914
EV3_str	BOBJ1	199.685	After	Left Exterior Girder	8.425	0.95	1	1	2.153431
EV3_str	BOBJ1	199.685	After	Interior Girder 1	8.425	0.95	1	1	2.439696
EV3_str	BOBJ1	199.685	After	Interior Girder 2	8.425	0.95	1	1	2.431724
EV3_str	BOBJ1	199.685	After	Interior Girder 3	8.425	0.95	1	1	2.343841
EV3_str	BOBJ1	199.685	After	Interior Girder 4	8.425	0.95	1	1	2.343841
EV3_str	BOBJ1	199.685	After	Interior Girder 5	8.425	0.95	1	1	2.431724
EV3_str	BOBJ1	199.685	After	Interior Girder 6	8.425	0.95	1	1	2.439696
EV3_str	BOBJ1	199.685	After	Right Exterior Girder	8.425	0.95	1	1	2.153431
EV3_str	BOBJ1	208.11	Before	Left Exterior Girder	16.85	0.95	1	1	2.668203
EV3_str	BOBJ1	208.11	Before	Interior Girder 1	16.85	0.95	1	1	2.215567
EV3_str	BOBJ1	208.11	Before	Interior Girder 2	16.85	0.95	1	1	2.037561
EV3_str	BOBJ1	208.11	Before	Interior Girder 3	16.85	0.95	1	1	1.969769
EV3_str	BOBJ1	208.11	Before	Interior Girder 4	16.85	0.95	1	1	1.969769
EV3_str	BOBJ1	208.11	Before	Interior Girder 5	16.85	0.95	1	1	2.037561
EV3_str	BOBJ1	208.11	Before	Interior Girder 6	16.85	0.95	1	1	2.215567
EV3_str	BOBJ1	208.11	Before	Right Exterior Girder	16.85	0.95	1	1	2.668203
EV3_str	BOBJ1	208.11	After	Left Exterior Girder	16.85	0.95	1	1	2.734117
EV3_str	BOBJ1	208.11	After	Interior Girder 1	16.85	0.95	1	1	2.178999
EV3_str	BOBJ1	208.11	After	Interior Girder 2	16.85	0.95	1	1	2.036151
EV3_str	BOBJ1	208.11	After	Interior Girder 3	16.85	0.95	1	1	1.998271
EV3_str	BOBJ1	208.11	After	Interior Girder 4	16.85	0.95	1	1	1.998271
EV3_str	BOBJ1	208.11	After	Interior Girder 5	16.85	0.95	1	1	2.036151
EV3_str	BOBJ1	208.11	After	Interior Girder 6	16.85	0.95	1	1	2.178999
EV3_str	BOBJ1	208.11	After	Right Exterior Girder	16.85	0.95	1	1	2.734117
EV3_str	BOBJ1	216.535	Before	Left Exterior Girder	25.275	0.95	1	1	1.682303
EV3_str	BOBJ1	216.535	Before	Interior Girder 1	25.275	0.95	1	1	1.343325
EV3_str	BOBJ1	216.535	Before	Interior Girder 2	25.275	0.95	1	1	1.299909
EV3_str	BOBJ1	216.535	Before	Interior Girder 3	25.275	0.95	1	1	1.256429
EV3_str	BOBJ1	216.535	Before	Interior Girder 4	25.275	0.95	1	1	1.256429

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelINonCompStrgth-Flx - Approach, Span 7-11									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
EV3_str	BOBJ1	216.535	Before	Interior Girder 5	25.275	0.95	1	1	1.299909
EV3_str	BOBJ1	216.535	Before	Interior Girder 6	25.275	0.95	1	1	1.343325
EV3_str	BOBJ1	216.535	Before	Right Exterior Girder	25.275	0.95	1	1	1.682303
EV3_str	BOBJ1	216.535	After	Left Exterior Girder	25.275	0.95	1	1	1.703228
EV3_str	BOBJ1	216.535	After	Interior Girder 1	25.275	0.95	1	1	1.330191
EV3_str	BOBJ1	216.535	After	Interior Girder 2	25.275	0.95	1	1	1.297511
EV3_str	BOBJ1	216.535	After	Interior Girder 3	25.275	0.95	1	1	1.264756
EV3_str	BOBJ1	216.535	After	Interior Girder 4	25.275	0.95	1	1	1.264756
EV3_str	BOBJ1	216.535	After	Interior Girder 5	25.275	0.95	1	1	1.297511
EV3_str	BOBJ1	216.535	After	Interior Girder 6	25.275	0.95	1	1	1.330191
EV3_str	BOBJ1	216.535	After	Right Exterior Girder	25.275	0.95	1	1	1.703228
EV3_str	BOBJ1	224.96	Before	Left Exterior Girder	33.7	0.95	1	1	1.369573
EV3_str	BOBJ1	224.96	Before	Interior Girder 1	33.7	0.95	1	1	1.260325
EV3_str	BOBJ1	224.96	Before	Interior Girder 2	33.7	0.95	1	1	1.227419
EV3_str	BOBJ1	224.96	Before	Interior Girder 3	33.7	0.95	1	1	1.23172
EV3_str	BOBJ1	224.96	Before	Interior Girder 4	33.7	0.95	1	1	1.23172
EV3_str	BOBJ1	224.96	Before	Interior Girder 5	33.7	0.95	1	1	1.227419
EV3_str	BOBJ1	224.96	Before	Interior Girder 6	33.7	0.95	1	1	1.260325
EV3_str	BOBJ1	224.96	Before	Right Exterior Girder	33.7	0.95	1	1	1.369573
EV3_str	BOBJ1	224.96	After	Left Exterior Girder	33.7	0.95	1	1	1.368751
EV3_str	BOBJ1	224.96	After	Interior Girder 1	33.7	0.95	1	1	1.260201
EV3_str	BOBJ1	224.96	After	Interior Girder 2	33.7	0.95	1	1	1.228255
EV3_str	BOBJ1	224.96	After	Interior Girder 3	33.7	0.95	1	1	1.231975
EV3_str	BOBJ1	224.96	After	Interior Girder 4	33.7	0.95	1	1	1.231975
EV3_str	BOBJ1	224.96	After	Interior Girder 5	33.7	0.95	1	1	1.228255
EV3_str	BOBJ1	224.96	After	Interior Girder 6	33.7	0.95	1	1	1.260201
EV3_str	BOBJ1	224.96	After	Right Exterior Girder	33.7	0.95	1	1	1.368751
EV3_str	BOBJ1	233.385	Before	Left Exterior Girder	42.125	0.95	1	1	1.745747
EV3_str	BOBJ1	233.385	Before	Interior Girder 1	42.125	0.95	1	1	1.344405
EV3_str	BOBJ1	233.385	Before	Interior Girder 2	42.125	0.95	1	1	1.306465
EV3_str	BOBJ1	233.385	Before	Interior Girder 3	42.125	0.95	1	1	1.271121
EV3_str	BOBJ1	233.385	Before	Interior Girder 4	42.125	0.95	1	1	1.271121
EV3_str	BOBJ1	233.385	Before	Interior Girder 5	42.125	0.95	1	1	1.306465
EV3_str	BOBJ1	233.385	Before	Interior Girder 6	42.125	0.95	1	1	1.344405
EV3_str	BOBJ1	233.385	Before	Right Exterior Girder	42.125	0.95	1	1	1.745747
EV3_str	BOBJ1	233.385	After	Left Exterior Girder	42.125	0.95	1	1	1.720445
EV3_str	BOBJ1	233.385	After	Interior Girder 1	42.125	0.95	1	1	1.358741
EV3_str	BOBJ1	233.385	After	Interior Girder 2	42.125	0.95	1	1	1.309529
EV3_str	BOBJ1	233.385	After	Interior Girder 3	42.125	0.95	1	1	1.262359
EV3_str	BOBJ1	233.385	After	Interior Girder 4	42.125	0.95	1	1	1.262359
EV3_str	BOBJ1	233.385	After	Interior Girder 5	42.125	0.95	1	1	1.309529
EV3_str	BOBJ1	233.385	After	Interior Girder 6	42.125	0.95	1	1	1.358741
EV3_str	BOBJ1	233.385	After	Right Exterior Girder	42.125	0.95	1	1	1.720445
EV3_str	BOBJ1	241.81	Before	Left Exterior Girder	50.55	0.95	1	1	2.884496
EV3_str	BOBJ1	241.81	Before	Interior Girder 1	50.55	0.95	1	1	2.254936
EV3_str	BOBJ1	241.81	Before	Interior Girder 2	50.55	0.95	1	1	2.083932
EV3_str	BOBJ1	241.81	Before	Interior Girder 3	50.55	0.95	1	1	2.051297
EV3_str	BOBJ1	241.81	Before	Interior Girder 4	50.55	0.95	1	1	2.051297
EV3_str	BOBJ1	241.81	Before	Interior Girder 5	50.55	0.95	1	1	2.083932
EV3_str	BOBJ1	241.81	Before	Interior Girder 6	50.55	0.95	1	1	2.254936
EV3_str	BOBJ1	241.81	Before	Right Exterior Girder	50.55	0.95	1	1	2.884496
EV3_str	BOBJ1	241.81	After	Left Exterior Girder	50.55	0.95	1	1	2.818678
EV3_str	BOBJ1	241.81	After	Interior Girder 1	50.55	0.95	1	1	2.289708
EV3_str	BOBJ1	241.81	After	Interior Girder 2	50.55	0.95	1	1	2.097355
EV3_str	BOBJ1	241.81	After	Interior Girder 3	50.55	0.95	1	1	2.041883
EV3_str	BOBJ1	241.81	After	Interior Girder 4	50.55	0.95	1	1	2.041883
EV3_str	BOBJ1	241.81	After	Interior Girder 5	50.55	0.95	1	1	2.097355
EV3_str	BOBJ1	241.81	After	Interior Girder 6	50.55	0.95	1	1	2.289708
EV3_str	BOBJ1	241.81	After	Right Exterior Girder	50.55	0.95	1	1	2.818678
EV3_str	BOBJ1	245.18	Before	Left Exterior Girder	53.92	0.95	1	1	3.455446
EV3_str	BOBJ1	245.18	Before	Interior Girder 1	53.92	0.95	1	1	2.8831
EV3_str	BOBJ1	245.18	Before	Interior Girder 2	53.92	0.95	1	1	2.614455
EV3_str	BOBJ1	245.18	Before	Interior Girder 3	53.92	0.95	1	1	2.556968
EV3_str	BOBJ1	245.18	Before	Interior Girder 4	53.92	0.95	1	1	2.556968
EV3_str	BOBJ1	245.18	Before	Interior Girder 5	53.92	0.95	1	1	2.614455

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelINonCompStrgth-Flx - Approach, Span 7-11									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
EV3_str	BOBJ1	245.18	Before	Interior Girder 6	53.92	0.95	1	1	2.8831
EV3_str	BOBJ1	245.18	Before	Right Exterior Girder	53.92	0.95	1	1	3.455446
EV3_str	BOBJ1	245.18	After	Left Exterior Girder	53.92	0.95	1	1	4.039861
EV3_str	BOBJ1	245.18	After	Interior Girder 1	53.92	0.95	1	1	3.087377
EV3_str	BOBJ1	245.18	After	Interior Girder 2	53.92	0.95	1	1	2.785139
EV3_str	BOBJ1	245.18	After	Interior Girder 3	53.92	0.95	1	1	2.697841
EV3_str	BOBJ1	245.18	After	Interior Girder 4	53.92	0.95	1	1	2.697841
EV3_str	BOBJ1	245.18	After	Interior Girder 5	53.92	0.95	1	1	2.785139
EV3_str	BOBJ1	245.18	After	Interior Girder 6	53.92	0.95	1	1	3.087377
EV3_str	BOBJ1	245.18	After	Right Exterior Girder	53.92	0.95	1	1	4.039861
EV3_str	BOBJ1	250.245	Before	Left Exterior Girder	58.985	0.95	1	1	2.869822
EV3_str	BOBJ1	250.245	Before	Interior Girder 1	58.985	0.95	1	1	2.927324
EV3_str	BOBJ1	250.245	Before	Interior Girder 2	58.985	0.95	1	1	2.815356
EV3_str	BOBJ1	250.245	Before	Interior Girder 3	58.985	0.95	1	1	2.711707
EV3_str	BOBJ1	250.245	Before	Interior Girder 4	58.985	0.95	1	1	2.711707
EV3_str	BOBJ1	250.245	Before	Interior Girder 5	58.985	0.95	1	1	2.815356
EV3_str	BOBJ1	250.245	Before	Interior Girder 6	58.985	0.95	1	1	2.927324
EV3_str	BOBJ1	250.245	Before	Right Exterior Girder	58.985	0.95	1	1	2.869822
EV3_str	BOBJ1	250.245	After	Left Exterior Girder	58.985	0.95	1	1	2.902612
EV3_str	BOBJ1	250.245	After	Interior Girder 1	58.985	0.95	1	1	2.893048
EV3_str	BOBJ1	250.245	After	Interior Girder 2	58.985	0.95	1	1	2.783069
EV3_str	BOBJ1	250.245	After	Interior Girder 3	58.985	0.95	1	1	2.694698
EV3_str	BOBJ1	250.245	After	Interior Girder 4	58.985	0.95	1	1	2.694698
EV3_str	BOBJ1	250.245	After	Interior Girder 5	58.985	0.95	1	1	2.783069
EV3_str	BOBJ1	250.245	After	Interior Girder 6	58.985	0.95	1	1	2.893048
EV3_str	BOBJ1	250.245	After	Right Exterior Girder	58.985	0.95	1	1	2.902612
EV3_str	BOBJ1	251.68	Before	Left Exterior Girder	60.42	0.95	1	1	2.573272
EV3_str	BOBJ1	251.68	Before	Right Exterior Girder	60.42	0.95	1	1	2.573272
EV3_str	BOBJ1	251.68	After	Left Exterior Girder	60.42	0.95	1	1	4.678913
EV3_str	BOBJ1	251.68	After	Right Exterior Girder	60.42	0.95	1	1	4.678913
EV3_str	BOBJ1	254.18	Before	Interior Girder 1	62.92	0.95	1	1	2.249801
EV3_str	BOBJ1	254.18	Before	Interior Girder 2	62.92	0.95	1	1	2.179112
EV3_str	BOBJ1	254.18	Before	Interior Girder 3	62.92	0.95	1	1	1.961763
EV3_str	BOBJ1	254.18	Before	Interior Girder 4	62.92	0.95	1	1	1.961763
EV3_str	BOBJ1	254.18	Before	Interior Girder 5	62.92	0.95	1	1	2.179112
EV3_str	BOBJ1	254.18	Before	Interior Girder 6	62.92	0.95	1	1	2.249801
EV3_str	BOBJ1	254.18	After	Interior Girder 1	62.92	0.95	1	1	2.81096
EV3_str	BOBJ1	254.18	After	Interior Girder 2	62.92	0.95	1	1	2.656041
EV3_str	BOBJ1	254.18	After	Interior Girder 3	62.92	0.95	1	1	2.420673
EV3_str	BOBJ1	254.18	After	Interior Girder 4	62.92	0.95	1	1	2.420673
EV3_str	BOBJ1	254.18	After	Interior Girder 5	62.92	0.95	1	1	2.656041
EV3_str	BOBJ1	254.18	After	Interior Girder 6	62.92	0.95	1	1	2.81096
EV3_str	BOBJ1	258.68	Before	Left Exterior Girder	67.42	0.95	1	1	2.40693
EV3_str	BOBJ1	258.68	Before	Interior Girder 1	67.42	0.95	1	1	1.66343
EV3_str	BOBJ1	258.68	Before	Interior Girder 2	67.42	0.95	1	1	1.615638
EV3_str	BOBJ1	258.68	Before	Interior Girder 3	67.42	0.95	1	1	1.32547
EV3_str	BOBJ1	258.68	Before	Interior Girder 4	67.42	0.95	1	1	1.32547
EV3_str	BOBJ1	258.68	Before	Interior Girder 5	67.42	0.95	1	1	1.615638
EV3_str	BOBJ1	258.68	Before	Interior Girder 6	67.42	0.95	1	1	1.66343
EV3_str	BOBJ1	258.68	Before	Right Exterior Girder	67.42	0.95	1	1	2.40693
EV3_str	BOBJ1	258.68	After	Left Exterior Girder	0	0.95	1	1	2.345044
EV3_str	BOBJ1	258.68	After	Interior Girder 1	0	0.95	1	1	1.678963
EV3_str	BOBJ1	258.68	After	Interior Girder 2	0	0.95	1	1	1.602455
EV3_str	BOBJ1	258.68	After	Interior Girder 3	0	0.95	1	1	1.284648
EV3_str	BOBJ1	258.68	After	Interior Girder 4	0	0.95	1	1	1.284648
EV3_str	BOBJ1	258.68	After	Interior Girder 5	0	0.95	1	1	1.602455
EV3_str	BOBJ1	258.68	After	Interior Girder 6	0	0.95	1	1	1.678963
EV3_str	BOBJ1	258.68	After	Right Exterior Girder	0	0.95	1	1	2.345044
EV3_str	BOBJ1	263.18	Before	Interior Girder 1	4.5	0.95	1	1	2.36933
EV3_str	BOBJ1	263.18	Before	Interior Girder 2	4.5	0.95	1	1	2.312571
EV3_str	BOBJ1	263.18	Before	Interior Girder 3	4.5	0.95	1	1	2.164481
EV3_str	BOBJ1	263.18	Before	Interior Girder 4	4.5	0.95	1	1	2.164481
EV3_str	BOBJ1	263.18	Before	Interior Girder 5	4.5	0.95	1	1	2.312571
EV3_str	BOBJ1	263.18	Before	Interior Girder 6	4.5	0.95	1	1	2.36933
EV3_str	BOBJ1	263.18	After	Interior Girder 1	4.5	0.95	1	1	1.884786

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelINonCompStrgth-Flx - Approach, Span 7-11									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
EV3_str	BOBJ1	263.18	After	Interior Girder 2	4.5	0.95	1	1	1.890998
EV3_str	BOBJ1	263.18	After	Interior Girder 3	4.5	0.95	1	1	1.745904
EV3_str	BOBJ1	263.18	After	Interior Girder 4	4.5	0.95	1	1	1.745904
EV3_str	BOBJ1	263.18	After	Interior Girder 5	4.5	0.95	1	1	1.890998
EV3_str	BOBJ1	263.18	After	Interior Girder 6	4.5	0.95	1	1	1.884786
EV3_str	BOBJ1	265.68	Before	Left Exterior Girder	7	0.95	1	1	3.755166
EV3_str	BOBJ1	265.68	Before	Right Exterior Girder	7	0.95	1	1	3.755166
EV3_str	BOBJ1	265.68	After	Left Exterior Girder	7	0.95	1	1	2.07175
EV3_str	BOBJ1	265.68	After	Right Exterior Girder	7	0.95	1	1	2.07175
EV3_str	BOBJ1	268.08	Before	Left Exterior Girder	9.4	0.95	1	1	2.549384
EV3_str	BOBJ1	268.08	Before	Interior Girder 1	9.4	0.95	1	1	2.572395
EV3_str	BOBJ1	268.08	Before	Interior Girder 2	9.4	0.95	1	1	2.570986
EV3_str	BOBJ1	268.08	Before	Interior Girder 3	9.4	0.95	1	1	2.522512
EV3_str	BOBJ1	268.08	Before	Interior Girder 4	9.4	0.95	1	1	2.522512
EV3_str	BOBJ1	268.08	Before	Interior Girder 5	9.4	0.95	1	1	2.570986
EV3_str	BOBJ1	268.08	Before	Interior Girder 6	9.4	0.95	1	1	2.572395
EV3_str	BOBJ1	268.08	Before	Right Exterior Girder	9.4	0.95	1	1	2.549384
EV3_str	BOBJ1	268.08	After	Left Exterior Girder	9.4	0.95	1	1	2.487556
EV3_str	BOBJ1	268.08	After	Interior Girder 1	9.4	0.95	1	1	2.622646
EV3_str	BOBJ1	268.08	After	Interior Girder 2	9.4	0.95	1	1	2.604638
EV3_str	BOBJ1	268.08	After	Interior Girder 3	9.4	0.95	1	1	2.532396
EV3_str	BOBJ1	268.08	After	Interior Girder 4	9.4	0.95	1	1	2.532396
EV3_str	BOBJ1	268.08	After	Interior Girder 5	9.4	0.95	1	1	2.604638
EV3_str	BOBJ1	268.08	After	Interior Girder 6	9.4	0.95	1	1	2.622646
EV3_str	BOBJ1	268.08	After	Right Exterior Girder	9.4	0.95	1	1	2.487556
EV3_str	BOBJ1	277.48	Before	Left Exterior Girder	18.8	0.95	1	1	2.334524
EV3_str	BOBJ1	277.48	Before	Interior Girder 1	18.8	0.95	1	1	1.949768
EV3_str	BOBJ1	277.48	Before	Interior Girder 2	18.8	0.95	1	1	1.793611
EV3_str	BOBJ1	277.48	Before	Interior Girder 3	18.8	0.95	1	1	1.738133
EV3_str	BOBJ1	277.48	Before	Interior Girder 4	18.8	0.95	1	1	1.738133
EV3_str	BOBJ1	277.48	Before	Interior Girder 5	18.8	0.95	1	1	1.793611
EV3_str	BOBJ1	277.48	Before	Interior Girder 6	18.8	0.95	1	1	1.949768
EV3_str	BOBJ1	277.48	Before	Right Exterior Girder	18.8	0.95	1	1	2.334524
EV3_str	BOBJ1	277.48	After	Left Exterior Girder	18.8	0.95	1	1	2.388985
EV3_str	BOBJ1	277.48	After	Interior Girder 1	18.8	0.95	1	1	1.915807
EV3_str	BOBJ1	277.48	After	Interior Girder 2	18.8	0.95	1	1	1.794616
EV3_str	BOBJ1	277.48	After	Interior Girder 3	18.8	0.95	1	1	1.758865
EV3_str	BOBJ1	277.48	After	Interior Girder 4	18.8	0.95	1	1	1.758865
EV3_str	BOBJ1	277.48	After	Interior Girder 5	18.8	0.95	1	1	1.794616
EV3_str	BOBJ1	277.48	After	Interior Girder 6	18.8	0.95	1	1	1.915807
EV3_str	BOBJ1	277.48	After	Right Exterior Girder	18.8	0.95	1	1	2.388985
EV3_str	BOBJ1	286.88	Before	Left Exterior Girder	28.2	0.95	1	1	1.63219
EV3_str	BOBJ1	286.88	Before	Interior Girder 1	28.2	0.95	1	1	1.233333
EV3_str	BOBJ1	286.88	Before	Interior Girder 2	28.2	0.95	1	1	1.189922
EV3_str	BOBJ1	286.88	Before	Interior Girder 3	28.2	0.95	1	1	1.147217
EV3_str	BOBJ1	286.88	Before	Interior Girder 4	28.2	0.95	1	1	1.147217
EV3_str	BOBJ1	286.88	Before	Interior Girder 5	28.2	0.95	1	1	1.189922
EV3_str	BOBJ1	286.88	Before	Interior Girder 6	28.2	0.95	1	1	1.233333
EV3_str	BOBJ1	286.88	Before	Right Exterior Girder	28.2	0.95	1	1	1.63219
EV3_str	BOBJ1	286.88	After	Left Exterior Girder	28.2	0.95	1	1	1.640079
EV3_str	BOBJ1	286.88	After	Interior Girder 1	28.2	0.95	1	1	1.227196
EV3_str	BOBJ1	286.88	After	Interior Girder 2	28.2	0.95	1	1	1.190229
EV3_str	BOBJ1	286.88	After	Interior Girder 3	28.2	0.95	1	1	1.151691
EV3_str	BOBJ1	286.88	After	Interior Girder 4	28.2	0.95	1	1	1.151691
EV3_str	BOBJ1	286.88	After	Interior Girder 5	28.2	0.95	1	1	1.190229
EV3_str	BOBJ1	286.88	After	Interior Girder 6	28.2	0.95	1	1	1.227196
EV3_str	BOBJ1	286.88	After	Right Exterior Girder	28.2	0.95	1	1	1.640079
EV3_str	BOBJ1	296.28	Before	Left Exterior Girder	37.6	0.95	1	1	1.507759
EV3_str	BOBJ1	296.28	Before	Interior Girder 1	37.6	0.95	1	1	1.298238
EV3_str	BOBJ1	296.28	Before	Interior Girder 2	37.6	0.95	1	1	1.242881
EV3_str	BOBJ1	296.28	Before	Interior Girder 3	37.6	0.95	1	1	1.228868
EV3_str	BOBJ1	296.28	Before	Interior Girder 4	37.6	0.95	1	1	1.228868
EV3_str	BOBJ1	296.28	Before	Interior Girder 5	37.6	0.95	1	1	1.242881
EV3_str	BOBJ1	296.28	Before	Interior Girder 6	37.6	0.95	1	1	1.298238
EV3_str	BOBJ1	296.28	Before	Right Exterior Girder	37.6	0.95	1	1	1.507759

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelINonCompStrgth-Flx - Approach, Span 7-11									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
EV3_str	BOBJ1	296.28	After	Left Exterior Girder	37.6	0.95	1	1	1.489038
EV3_str	BOBJ1	296.28	After	Interior Girder 1	37.6	0.95	1	1	1.311734
EV3_str	BOBJ1	296.28	After	Interior Girder 2	37.6	0.95	1	1	1.240988
EV3_str	BOBJ1	296.28	After	Interior Girder 3	37.6	0.95	1	1	1.220229
EV3_str	BOBJ1	296.28	After	Interior Girder 4	37.6	0.95	1	1	1.220229
EV3_str	BOBJ1	296.28	After	Interior Girder 5	37.6	0.95	1	1	1.240988
EV3_str	BOBJ1	296.28	After	Interior Girder 6	37.6	0.95	1	1	1.311734
EV3_str	BOBJ1	296.28	After	Right Exterior Girder	37.6	0.95	1	1	1.489038
EV3_str	BOBJ1	305.69	Before	Left Exterior Girder	47.01	0.95	1	1	2.71465
EV3_str	BOBJ1	305.69	Before	Interior Girder 1	47.01	0.95	1	1	1.791312
EV3_str	BOBJ1	305.69	Before	Interior Girder 2	47.01	0.95	1	1	1.717682
EV3_str	BOBJ1	305.69	Before	Interior Girder 3	47.01	0.95	1	1	1.590408
EV3_str	BOBJ1	305.69	Before	Interior Girder 4	47.01	0.95	1	1	1.590408
EV3_str	BOBJ1	305.69	Before	Interior Girder 5	47.01	0.95	1	1	1.717682
EV3_str	BOBJ1	305.69	Before	Interior Girder 6	47.01	0.95	1	1	1.791312
EV3_str	BOBJ1	305.69	Before	Right Exterior Girder	47.01	0.95	1	1	2.71465
EV3_str	BOBJ1	305.69	After	Left Exterior Girder	47.01	0.95	1	1	2.70929
EV3_str	BOBJ1	305.69	After	Interior Girder 1	47.01	0.95	1	1	1.797033
EV3_str	BOBJ1	305.69	After	Interior Girder 2	47.01	0.95	1	1	1.688516
EV3_str	BOBJ1	305.69	After	Interior Girder 3	47.01	0.95	1	1	1.536533
EV3_str	BOBJ1	305.69	After	Interior Girder 4	47.01	0.95	1	1	1.536533
EV3_str	BOBJ1	305.69	After	Interior Girder 5	47.01	0.95	1	1	1.688516
EV3_str	BOBJ1	305.69	After	Interior Girder 6	47.01	0.95	1	1	1.797033
EV3_str	BOBJ1	305.69	After	Right Exterior Girder	47.01	0.95	1	1	2.70929
EV3_str	BOBJ1	315.1	Before	Left Exterior Girder	56.42	0.95	1	1	219.028129
EV3_str	BOBJ1	315.1	Before	Interior Girder 1	56.42	0.95	1	1	183.559057
EV3_str	BOBJ1	315.1	Before	Interior Girder 2	56.42	0.95	1	1	134.09105
EV3_str	BOBJ1	315.1	Before	Interior Girder 3	56.42	0.95	1	1	99.536105
EV3_str	BOBJ1	315.1	Before	Interior Girder 4	56.42	0.95	1	1	99.536104
EV3_str	BOBJ1	315.1	Before	Interior Girder 5	56.42	0.95	1	1	134.09105
EV3_str	BOBJ1	315.1	Before	Interior Girder 6	56.42	0.95	1	1	183.559056
EV3_str	BOBJ1	315.1	Before	Right Exterior Girder	56.42	0.95	1	1	219.02813
EV3-Neg_str	BOBJ1	0	After	Left Exterior Girder	0	0.95	1	1	231.413607
EV3-Neg_str	BOBJ1	0	After	Interior Girder 1	0	0.95	1	1	275.063475
EV3-Neg_str	BOBJ1	0	After	Interior Girder 2	0	0.95	1	1	162.490868
EV3-Neg_str	BOBJ1	0	After	Interior Girder 3	0	0.95	1	1	117.816133
EV3-Neg_str	BOBJ1	0	After	Interior Girder 4	0	0.95	1	1	117.816133
EV3-Neg_str	BOBJ1	0	After	Interior Girder 5	0	0.95	1	1	162.490868
EV3-Neg_str	BOBJ1	0	After	Interior Girder 6	0	0.95	1	1	275.063472
EV3-Neg_str	BOBJ1	0	After	Right Exterior Girder	0	0.95	1	1	231.413607
EV3-Neg_str	BOBJ1	9.4	Before	Left Exterior Girder	9.4	0.95	1	1	23.664088
EV3-Neg_str	BOBJ1	9.4	Before	Interior Girder 1	9.4	0.95	1	1	20.516691
EV3-Neg_str	BOBJ1	9.4	Before	Interior Girder 2	9.4	0.95	1	1	26.185403
EV3-Neg_str	BOBJ1	9.4	Before	Interior Girder 3	9.4	0.95	1	1	26.827472
EV3-Neg_str	BOBJ1	9.4	Before	Interior Girder 4	9.4	0.95	1	1	26.827472
EV3-Neg_str	BOBJ1	9.4	Before	Interior Girder 5	9.4	0.95	1	1	26.185403
EV3-Neg_str	BOBJ1	9.4	Before	Interior Girder 6	9.4	0.95	1	1	20.516691
EV3-Neg_str	BOBJ1	9.4	Before	Right Exterior Girder	9.4	0.95	1	1	23.664088
EV3-Neg_str	BOBJ1	9.4	After	Left Exterior Girder	9.4	0.95	1	1	23.342514
EV3-Neg_str	BOBJ1	9.4	After	Interior Girder 1	9.4	0.95	1	1	19.754713
EV3-Neg_str	BOBJ1	9.4	After	Interior Girder 2	9.4	0.95	1	1	26.561013
EV3-Neg_str	BOBJ1	9.4	After	Interior Girder 3	9.4	0.95	1	1	27.999348
EV3-Neg_str	BOBJ1	9.4	After	Interior Girder 4	9.4	0.95	1	1	27.999348
EV3-Neg_str	BOBJ1	9.4	After	Interior Girder 5	9.4	0.95	1	1	26.561013
EV3-Neg_str	BOBJ1	9.4	After	Interior Girder 6	9.4	0.95	1	1	19.754713
EV3-Neg_str	BOBJ1	9.4	After	Right Exterior Girder	9.4	0.95	1	1	23.342514
EV3-Neg_str	BOBJ1	18.8	Before	Left Exterior Girder	18.8	0.95	1	1	12.59811
EV3-Neg_str	BOBJ1	18.8	Before	Interior Girder 1	18.8	0.95	1	1	11.004709
EV3-Neg_str	BOBJ1	18.8	Before	Interior Girder 2	18.8	0.95	1	1	13.876073
EV3-Neg_str	BOBJ1	18.8	Before	Interior Girder 3	18.8	0.95	1	1	14.436354
EV3-Neg_str	BOBJ1	18.8	Before	Interior Girder 4	18.8	0.95	1	1	14.436354
EV3-Neg_str	BOBJ1	18.8	Before	Interior Girder 5	18.8	0.95	1	1	13.876073
EV3-Neg_str	BOBJ1	18.8	Before	Interior Girder 6	18.8	0.95	1	1	11.004709
EV3-Neg_str	BOBJ1	18.8	Before	Right Exterior Girder	18.8	0.95	1	1	12.59811
EV3-Neg_str	BOBJ1	18.8	After	Left Exterior Girder	18.8	0.95	1	1	12.668345

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelINonCompStrgth-Flx - Approach, Span 7-11

Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
EV3-Neg_str	BOBJ1	18.8	After	Interior Girder 1	18.8	0.95	1	1	12.369038
EV3-Neg_str	BOBJ1	18.8	After	Interior Girder 2	18.8	0.95	1	1	13.955708
EV3-Neg_str	BOBJ1	18.8	After	Interior Girder 3	18.8	0.95	1	1	14.717639
EV3-Neg_str	BOBJ1	18.8	After	Interior Girder 4	18.8	0.95	1	1	14.717639
EV3-Neg_str	BOBJ1	18.8	After	Interior Girder 5	18.8	0.95	1	1	13.955708
EV3-Neg_str	BOBJ1	18.8	After	Interior Girder 6	18.8	0.95	1	1	12.369038
EV3-Neg_str	BOBJ1	18.8	After	Right Exterior Girder	18.8	0.95	1	1	12.668345
EV3-Neg_str	BOBJ1	28.2	Before	Left Exterior Girder	28.2	0.95	1	1	8.604699
EV3-Neg_str	BOBJ1	28.2	Before	Interior Girder 1	28.2	0.95	1	1	8.158225
EV3-Neg_str	BOBJ1	28.2	Before	Interior Girder 2	28.2	0.95	1	1	8.667719
EV3-Neg_str	BOBJ1	28.2	Before	Interior Girder 3	28.2	0.95	1	1	9.073495
EV3-Neg_str	BOBJ1	28.2	Before	Interior Girder 4	28.2	0.95	1	1	9.073495
EV3-Neg_str	BOBJ1	28.2	Before	Interior Girder 5	28.2	0.95	1	1	8.667719
EV3-Neg_str	BOBJ1	28.2	Before	Interior Girder 6	28.2	0.95	1	1	8.158225
EV3-Neg_str	BOBJ1	28.2	Before	Right Exterior Girder	28.2	0.95	1	1	8.604699
EV3-Neg_str	BOBJ1	28.2	After	Left Exterior Girder	28.2	0.95	1	1	8.796807
EV3-Neg_str	BOBJ1	28.2	After	Interior Girder 1	28.2	0.95	1	1	8.022272
EV3-Neg_str	BOBJ1	28.2	After	Interior Girder 2	28.2	0.95	1	1	8.719949
EV3-Neg_str	BOBJ1	28.2	After	Interior Girder 3	28.2	0.95	1	1	9.178658
EV3-Neg_str	BOBJ1	28.2	After	Interior Girder 4	28.2	0.95	1	1	9.178658
EV3-Neg_str	BOBJ1	28.2	After	Interior Girder 5	28.2	0.95	1	1	8.719949
EV3-Neg_str	BOBJ1	28.2	After	Interior Girder 6	28.2	0.95	1	1	8.022272
EV3-Neg_str	BOBJ1	28.2	After	Right Exterior Girder	28.2	0.95	1	1	8.796807
EV3-Neg_str	BOBJ1	37.6	Before	Left Exterior Girder	37.6	0.95	1	1	5.736662
EV3-Neg_str	BOBJ1	37.6	Before	Interior Girder 1	37.6	0.95	1	1	5.500748
EV3-Neg_str	BOBJ1	37.6	Before	Interior Girder 2	37.6	0.95	1	1	5.692568
EV3-Neg_str	BOBJ1	37.6	Before	Interior Girder 3	37.6	0.95	1	1	6.019767
EV3-Neg_str	BOBJ1	37.6	Before	Interior Girder 4	37.6	0.95	1	1	6.019767
EV3-Neg_str	BOBJ1	37.6	Before	Interior Girder 5	37.6	0.95	1	1	5.692568
EV3-Neg_str	BOBJ1	37.6	Before	Interior Girder 6	37.6	0.95	1	1	5.500748
EV3-Neg_str	BOBJ1	37.6	Before	Right Exterior Girder	37.6	0.95	1	1	5.736662
EV3-Neg_str	BOBJ1	37.6	After	Left Exterior Girder	37.6	0.95	1	1	5.015021
EV3-Neg_str	BOBJ1	37.6	After	Interior Girder 1	37.6	0.95	1	1	4.66256
EV3-Neg_str	BOBJ1	37.6	After	Interior Girder 2	37.6	0.95	1	1	4.841667
EV3-Neg_str	BOBJ1	37.6	After	Interior Girder 3	37.6	0.95	1	1	5.174899
EV3-Neg_str	BOBJ1	37.6	After	Interior Girder 4	37.6	0.95	1	1	5.174899
EV3-Neg_str	BOBJ1	37.6	After	Interior Girder 5	37.6	0.95	1	1	4.841667
EV3-Neg_str	BOBJ1	37.6	After	Interior Girder 6	37.6	0.95	1	1	4.66256
EV3-Neg_str	BOBJ1	37.6	After	Right Exterior Girder	37.6	0.95	1	1	5.015021
EV3-Neg_str	BOBJ1	47.01	Before	Left Exterior Girder	47.01	0.95	1	1	2.800217
EV3-Neg_str	BOBJ1	47.01	Before	Interior Girder 1	47.01	0.95	1	1	2.939304
EV3-Neg_str	BOBJ1	47.01	Before	Interior Girder 2	47.01	0.95	1	1	2.814947
EV3-Neg_str	BOBJ1	47.01	Before	Interior Girder 3	47.01	0.95	1	1	2.686657
EV3-Neg_str	BOBJ1	47.01	Before	Interior Girder 4	47.01	0.95	1	1	2.686657
EV3-Neg_str	BOBJ1	47.01	Before	Interior Girder 5	47.01	0.95	1	1	2.814947
EV3-Neg_str	BOBJ1	47.01	Before	Interior Girder 6	47.01	0.95	1	1	2.939304
EV3-Neg_str	BOBJ1	47.01	Before	Right Exterior Girder	47.01	0.95	1	1	2.800217
EV3-Neg_str	BOBJ1	47.01	After	Left Exterior Girder	47.01	0.95	1	1	2.878436
EV3-Neg_str	BOBJ1	47.01	After	Interior Girder 1	47.01	0.95	1	1	2.890373
EV3-Neg_str	BOBJ1	47.01	After	Interior Girder 2	47.01	0.95	1	1	2.847664
EV3-Neg_str	BOBJ1	47.01	After	Interior Girder 3	47.01	0.95	1	1	2.760215
EV3-Neg_str	BOBJ1	47.01	After	Interior Girder 4	47.01	0.95	1	1	2.760215
EV3-Neg_str	BOBJ1	47.01	After	Interior Girder 5	47.01	0.95	1	1	2.847664
EV3-Neg_str	BOBJ1	47.01	After	Interior Girder 6	47.01	0.95	1	1	2.890373
EV3-Neg_str	BOBJ1	47.01	After	Right Exterior Girder	47.01	0.95	1	1	2.878436
EV3-Neg_str	BOBJ1	49.42	Before	Left Exterior Girder	49.42	0.95	1	1	2.075047
EV3-Neg_str	BOBJ1	49.42	Before	Right Exterior Girder	49.42	0.95	1	1	2.075047
EV3-Neg_str	BOBJ1	49.42	After	Left Exterior Girder	49.42	0.95	1	1	3.768213
EV3-Neg_str	BOBJ1	49.42	After	Right Exterior Girder	49.42	0.95	1	1	3.768213
EV3-Neg_str	BOBJ1	51.92	Before	Interior Girder 1	51.92	0.95	1	1	1.586516
EV3-Neg_str	BOBJ1	51.92	Before	Interior Girder 2	51.92	0.95	1	1	1.537128
EV3-Neg_str	BOBJ1	51.92	Before	Interior Girder 3	51.92	0.95	1	1	1.358415
EV3-Neg_str	BOBJ1	51.92	Before	Interior Girder 4	51.92	0.95	1	1	1.358415
EV3-Neg_str	BOBJ1	51.92	Before	Interior Girder 5	51.92	0.95	1	1	1.537128
EV3-Neg_str	BOBJ1	51.92	Before	Interior Girder 6	51.92	0.95	1	1	1.586516

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelINonCompStrgth-Flx - Approach, Span 7-11									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
EV3-Neg_str	BOBJ1	51.92	After	Interior Girder 1	51.92	0.95	1	1	1.9914
EV3-Neg_str	BOBJ1	51.92	After	Interior Girder 2	51.92	0.95	1	1	1.89673
EV3-Neg_str	BOBJ1	51.92	After	Interior Girder 3	51.92	0.95	1	1	1.710751
EV3-Neg_str	BOBJ1	51.92	After	Interior Girder 4	51.92	0.95	1	1	1.710751
EV3-Neg_str	BOBJ1	51.92	After	Interior Girder 5	51.92	0.95	1	1	1.89673
EV3-Neg_str	BOBJ1	51.92	After	Interior Girder 6	51.92	0.95	1	1	1.9914
EV3-Neg_str	BOBJ1	56.42	Before	Left Exterior Girder	56.42	0.95	1	1	1.56339
EV3-Neg_str	BOBJ1	56.42	Before	Interior Girder 1	56.42	0.95	1	1	1.05463
EV3-Neg_str	BOBJ1	56.42	Before	Interior Girder 2	56.42	0.95	1	1	1.036511
EV3-Neg_str	BOBJ1	56.42	Before	Interior Girder 3	56.42	0.95	1	1	0.864272
EV3-Neg_str	BOBJ1	56.42	Before	Interior Girder 4	56.42	0.95	1	1	0.864272
EV3-Neg_str	BOBJ1	56.42	Before	Interior Girder 5	56.42	0.95	1	1	1.036511
EV3-Neg_str	BOBJ1	56.42	Before	Interior Girder 6	56.42	0.95	1	1	1.05463
EV3-Neg_str	BOBJ1	56.42	Before	Right Exterior Girder	56.42	0.95	1	1	1.56339
EV3-Neg_str	BOBJ1	56.42	After	Left Exterior Girder	0	0.95	1	1	1.628642
EV3-Neg_str	BOBJ1	56.42	After	Interior Girder 1	0	0.95	1	1	1.118158
EV3-Neg_str	BOBJ1	56.42	After	Interior Girder 2	0	0.95	1	1	1.096951
EV3-Neg_str	BOBJ1	56.42	After	Interior Girder 3	0	0.95	1	1	0.910056
EV3-Neg_str	BOBJ1	56.42	After	Interior Girder 4	0	0.95	1	1	0.910056
EV3-Neg_str	BOBJ1	56.42	After	Interior Girder 5	0	0.95	1	1	1.096951
EV3-Neg_str	BOBJ1	56.42	After	Interior Girder 6	0	0.95	1	1	1.118158
EV3-Neg_str	BOBJ1	56.42	After	Right Exterior Girder	0	0.95	1	1	1.628642
EV3-Neg_str	BOBJ1	60.92	Before	Interior Girder 1	4.5	0.95	1	1	2.022915
EV3-Neg_str	BOBJ1	60.92	Before	Interior Girder 2	4.5	0.95	1	1	1.929093
EV3-Neg_str	BOBJ1	60.92	Before	Interior Girder 3	4.5	0.95	1	1	1.718729
EV3-Neg_str	BOBJ1	60.92	Before	Interior Girder 4	4.5	0.95	1	1	1.718729
EV3-Neg_str	BOBJ1	60.92	Before	Interior Girder 5	4.5	0.95	1	1	1.929093
EV3-Neg_str	BOBJ1	60.92	Before	Interior Girder 6	4.5	0.95	1	1	2.022915
EV3-Neg_str	BOBJ1	60.92	After	Interior Girder 1	4.5	0.95	1	1	1.610291
EV3-Neg_str	BOBJ1	60.92	After	Interior Girder 2	4.5	0.95	1	1	1.561921
EV3-Neg_str	BOBJ1	60.92	After	Interior Girder 3	4.5	0.95	1	1	1.363074
EV3-Neg_str	BOBJ1	60.92	After	Interior Girder 4	4.5	0.95	1	1	1.363074
EV3-Neg_str	BOBJ1	60.92	After	Interior Girder 5	4.5	0.95	1	1	1.561921
EV3-Neg_str	BOBJ1	60.92	After	Interior Girder 6	4.5	0.95	1	1	1.610291
EV3-Neg_str	BOBJ1	63.42	Before	Left Exterior Girder	7	0.95	1	1	4.043496
EV3-Neg_str	BOBJ1	63.42	Before	Right Exterior Girder	7	0.95	1	1	4.043496
EV3-Neg_str	BOBJ1	63.42	After	Left Exterior Girder	7	0.95	1	1	2.220181
EV3-Neg_str	BOBJ1	63.42	After	Right Exterior Girder	7	0.95	1	1	2.220181
EV3-Neg_str	BOBJ1	64.845	Before	Left Exterior Girder	8.425	0.95	1	1	2.871014
EV3-Neg_str	BOBJ1	64.845	Before	Interior Girder 1	8.425	0.95	1	1	2.819451
EV3-Neg_str	BOBJ1	64.845	Before	Interior Girder 2	8.425	0.95	1	1	2.670935
EV3-Neg_str	BOBJ1	64.845	Before	Interior Girder 3	8.425	0.95	1	1	2.495919
EV3-Neg_str	BOBJ1	64.845	Before	Interior Girder 4	8.425	0.95	1	1	2.495919
EV3-Neg_str	BOBJ1	64.845	Before	Interior Girder 5	8.425	0.95	1	1	2.670935
EV3-Neg_str	BOBJ1	64.845	Before	Interior Girder 6	8.425	0.95	1	1	2.819451
EV3-Neg_str	BOBJ1	64.845	Before	Right Exterior Girder	8.425	0.95	1	1	2.871014
EV3-Neg_str	BOBJ1	64.845	After	Left Exterior Girder	8.425	0.95	1	1	2.81297
EV3-Neg_str	BOBJ1	64.845	After	Interior Girder 1	8.425	0.95	1	1	2.848698
EV3-Neg_str	BOBJ1	64.845	After	Interior Girder 2	8.425	0.95	1	1	2.67625
EV3-Neg_str	BOBJ1	64.845	After	Interior Girder 3	8.425	0.95	1	1	2.462685
EV3-Neg_str	BOBJ1	64.845	After	Interior Girder 4	8.425	0.95	1	1	2.462685
EV3-Neg_str	BOBJ1	64.845	After	Interior Girder 5	8.425	0.95	1	1	2.67625
EV3-Neg_str	BOBJ1	64.845	After	Interior Girder 6	8.425	0.95	1	1	2.848698
EV3-Neg_str	BOBJ1	64.845	After	Right Exterior Girder	8.425	0.95	1	1	2.81297
EV3-Neg_str	BOBJ1	69.92	Before	Left Exterior Girder	13.5	0.95	1	1	4.815558
EV3-Neg_str	BOBJ1	69.92	Before	Interior Girder 1	13.5	0.95	1	1	4.566023
EV3-Neg_str	BOBJ1	69.92	Before	Interior Girder 2	13.5	0.95	1	1	4.463324
EV3-Neg_str	BOBJ1	69.92	Before	Interior Girder 3	13.5	0.95	1	1	4.555672
EV3-Neg_str	BOBJ1	69.92	Before	Interior Girder 4	13.5	0.95	1	1	4.555672
EV3-Neg_str	BOBJ1	69.92	Before	Interior Girder 5	13.5	0.95	1	1	4.463324
EV3-Neg_str	BOBJ1	69.92	Before	Interior Girder 6	13.5	0.95	1	1	4.566023
EV3-Neg_str	BOBJ1	69.92	Before	Right Exterior Girder	13.5	0.95	1	1	4.815558
EV3-Neg_str	BOBJ1	69.92	After	Left Exterior Girder	13.5	0.95	1	1	4.112204
EV3-Neg_str	BOBJ1	69.92	After	Interior Girder 1	13.5	0.95	1	1	4.274701
EV3-Neg_str	BOBJ1	69.92	After	Interior Girder 2	13.5	0.95	1	1	4.175793

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelINonCompStrgth-Flx - Approach, Span 7-11									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
EV3-Neg_str	BOBJ1	69.92	After	Interior Girder 3	13.5	0.95	1	1	4.226801
EV3-Neg_str	BOBJ1	69.92	After	Interior Girder 4	13.5	0.95	1	1	4.226801
EV3-Neg_str	BOBJ1	69.92	After	Interior Girder 5	13.5	0.95	1	1	4.175793
EV3-Neg_str	BOBJ1	69.92	After	Interior Girder 6	13.5	0.95	1	1	4.274701
EV3-Neg_str	BOBJ1	69.92	After	Right Exterior Girder	13.5	0.95	1	1	4.112204
EV3-Neg_str	BOBJ1	73.27	Before	Left Exterior Girder	16.85	0.95	1	1	5.071414
EV3-Neg_str	BOBJ1	73.27	Before	Interior Girder 1	16.85	0.95	1	1	4.96137
EV3-Neg_str	BOBJ1	73.27	Before	Interior Girder 2	16.85	0.95	1	1	5.042553
EV3-Neg_str	BOBJ1	73.27	Before	Interior Girder 3	16.85	0.95	1	1	5.35363
EV3-Neg_str	BOBJ1	73.27	Before	Interior Girder 4	16.85	0.95	1	1	5.35363
EV3-Neg_str	BOBJ1	73.27	Before	Interior Girder 5	16.85	0.95	1	1	5.042553
EV3-Neg_str	BOBJ1	73.27	Before	Interior Girder 6	16.85	0.95	1	1	4.96137
EV3-Neg_str	BOBJ1	73.27	Before	Right Exterior Girder	16.85	0.95	1	1	5.071414
EV3-Neg_str	BOBJ1	73.27	After	Left Exterior Girder	16.85	0.95	1	1	5.731497
EV3-Neg_str	BOBJ1	73.27	After	Interior Girder 1	16.85	0.95	1	1	5.724208
EV3-Neg_str	BOBJ1	73.27	After	Interior Girder 2	16.85	0.95	1	1	5.776777
EV3-Neg_str	BOBJ1	73.27	After	Interior Girder 3	16.85	0.95	1	1	6.093333
EV3-Neg_str	BOBJ1	73.27	After	Interior Girder 4	16.85	0.95	1	1	6.093333
EV3-Neg_str	BOBJ1	73.27	After	Interior Girder 5	16.85	0.95	1	1	5.776777
EV3-Neg_str	BOBJ1	73.27	After	Interior Girder 6	16.85	0.95	1	1	5.724208
EV3-Neg_str	BOBJ1	73.27	After	Right Exterior Girder	16.85	0.95	1	1	5.731497
EV3-Neg_str	BOBJ1	81.695	Before	Left Exterior Girder	25.275	0.95	1	1	8.377255
EV3-Neg_str	BOBJ1	81.695	Before	Interior Girder 1	25.275	0.95	1	1	7.895021
EV3-Neg_str	BOBJ1	81.695	Before	Interior Girder 2	25.275	0.95	1	1	8.466542
EV3-Neg_str	BOBJ1	81.695	Before	Interior Girder 3	25.275	0.95	1	1	8.915008
EV3-Neg_str	BOBJ1	81.695	Before	Interior Girder 4	25.275	0.95	1	1	8.915008
EV3-Neg_str	BOBJ1	81.695	Before	Interior Girder 5	25.275	0.95	1	1	8.466542
EV3-Neg_str	BOBJ1	81.695	Before	Interior Girder 6	25.275	0.95	1	1	7.895021
EV3-Neg_str	BOBJ1	81.695	Before	Right Exterior Girder	25.275	0.95	1	1	8.377255
EV3-Neg_str	BOBJ1	81.695	After	Left Exterior Girder	25.275	0.95	1	1	8.262875
EV3-Neg_str	BOBJ1	81.695	After	Interior Girder 1	25.275	0.95	1	1	7.988012
EV3-Neg_str	BOBJ1	81.695	After	Interior Girder 2	25.275	0.95	1	1	8.423835
EV3-Neg_str	BOBJ1	81.695	After	Interior Girder 3	25.275	0.95	1	1	8.8745
EV3-Neg_str	BOBJ1	81.695	After	Interior Girder 4	25.275	0.95	1	1	8.8745
EV3-Neg_str	BOBJ1	81.695	After	Interior Girder 5	25.275	0.95	1	1	8.423835
EV3-Neg_str	BOBJ1	81.695	After	Interior Girder 6	25.275	0.95	1	1	7.988012
EV3-Neg_str	BOBJ1	81.695	After	Right Exterior Girder	25.275	0.95	1	1	8.262875
EV3-Neg_str	BOBJ1	90.12	Before	Left Exterior Girder	33.7	0.95	1	1	9.658663
EV3-Neg_str	BOBJ1	90.12	Before	Interior Girder 1	33.7	0.95	1	1	9.845135
EV3-Neg_str	BOBJ1	90.12	Before	Interior Girder 2	33.7	0.95	1	1	10.866009
EV3-Neg_str	BOBJ1	90.12	Before	Interior Girder 3	33.7	0.95	1	1	11.636569
EV3-Neg_str	BOBJ1	90.12	Before	Interior Girder 4	33.7	0.95	1	1	11.636569
EV3-Neg_str	BOBJ1	90.12	Before	Interior Girder 5	33.7	0.95	1	1	10.866009
EV3-Neg_str	BOBJ1	90.12	Before	Interior Girder 6	33.7	0.95	1	1	9.845135
EV3-Neg_str	BOBJ1	90.12	Before	Right Exterior Girder	33.7	0.95	1	1	9.658663
EV3-Neg_str	BOBJ1	90.12	After	Left Exterior Girder	33.7	0.95	1	1	9.779737
EV3-Neg_str	BOBJ1	90.12	After	Interior Girder 1	33.7	0.95	1	1	9.734843
EV3-Neg_str	BOBJ1	90.12	After	Interior Girder 2	33.7	0.95	1	1	10.90273
EV3-Neg_str	BOBJ1	90.12	After	Interior Girder 3	33.7	0.95	1	1	11.73515
EV3-Neg_str	BOBJ1	90.12	After	Interior Girder 4	33.7	0.95	1	1	11.73515
EV3-Neg_str	BOBJ1	90.12	After	Interior Girder 5	33.7	0.95	1	1	10.90273
EV3-Neg_str	BOBJ1	90.12	After	Interior Girder 6	33.7	0.95	1	1	9.734843
EV3-Neg_str	BOBJ1	90.12	After	Right Exterior Girder	33.7	0.95	1	1	9.779737
EV3-Neg_str	BOBJ1	98.545	Before	Left Exterior Girder	42.125	0.95	1	1	7.195028
EV3-Neg_str	BOBJ1	98.545	Before	Interior Girder 1	42.125	0.95	1	1	6.925863
EV3-Neg_str	BOBJ1	98.545	Before	Interior Girder 2	42.125	0.95	1	1	7.367484
EV3-Neg_str	BOBJ1	98.545	Before	Interior Girder 3	42.125	0.95	1	1	7.806749
EV3-Neg_str	BOBJ1	98.545	Before	Interior Girder 4	42.125	0.95	1	1	7.806749
EV3-Neg_str	BOBJ1	98.545	Before	Interior Girder 5	42.125	0.95	1	1	7.367484
EV3-Neg_str	BOBJ1	98.545	Before	Interior Girder 6	42.125	0.95	1	1	6.925863
EV3-Neg_str	BOBJ1	98.545	Before	Right Exterior Girder	42.125	0.95	1	1	7.195028
EV3-Neg_str	BOBJ1	98.545	After	Left Exterior Girder	42.125	0.95	1	1	7.311023
EV3-Neg_str	BOBJ1	98.545	After	Interior Girder 1	42.125	0.95	1	1	6.843193
EV3-Neg_str	BOBJ1	98.545	After	Interior Girder 2	42.125	0.95	1	1	7.386367
EV3-Neg_str	BOBJ1	98.545	After	Interior Girder 3	42.125	0.95	1	1	7.851617

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelINonCompStrgth-Flx - Approach, Span 7-11									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
EV3-Neg_str	BOBJ1	98.545	After	Interior Girder 4	42.125	0.95	1	1	7.851617
EV3-Neg_str	BOBJ1	98.545	After	Interior Girder 5	42.125	0.95	1	1	7.386367
EV3-Neg_str	BOBJ1	98.545	After	Interior Girder 6	42.125	0.95	1	1	6.843193
EV3-Neg_str	BOBJ1	98.545	After	Right Exterior Girder	42.125	0.95	1	1	7.311023
EV3-Neg_str	BOBJ1	106.97	Before	Left Exterior Girder	50.55	0.95	1	1	4.93565
EV3-Neg_str	BOBJ1	106.97	Before	Interior Girder 1	50.55	0.95	1	1	4.879299
EV3-Neg_str	BOBJ1	106.97	Before	Interior Girder 2	50.55	0.95	1	1	5.027535
EV3-Neg_str	BOBJ1	106.97	Before	Interior Girder 3	50.55	0.95	1	1	5.333235
EV3-Neg_str	BOBJ1	106.97	Before	Interior Girder 4	50.55	0.95	1	1	5.333235
EV3-Neg_str	BOBJ1	106.97	Before	Interior Girder 5	50.55	0.95	1	1	5.027535
EV3-Neg_str	BOBJ1	106.97	Before	Interior Girder 6	50.55	0.95	1	1	4.879299
EV3-Neg_str	BOBJ1	106.97	Before	Right Exterior Girder	50.55	0.95	1	1	4.93565
EV3-Neg_str	BOBJ1	106.97	After	Left Exterior Girder	50.55	0.95	1	1	4.371291
EV3-Neg_str	BOBJ1	106.97	After	Interior Girder 1	50.55	0.95	1	1	4.235777
EV3-Neg_str	BOBJ1	106.97	After	Interior Girder 2	50.55	0.95	1	1	4.359106
EV3-Neg_str	BOBJ1	106.97	After	Interior Girder 3	50.55	0.95	1	1	4.67498
EV3-Neg_str	BOBJ1	106.97	After	Interior Girder 4	50.55	0.95	1	1	4.67498
EV3-Neg_str	BOBJ1	106.97	After	Interior Girder 5	50.55	0.95	1	1	4.359106
EV3-Neg_str	BOBJ1	106.97	After	Interior Girder 6	50.55	0.95	1	1	4.235777
EV3-Neg_str	BOBJ1	106.97	After	Right Exterior Girder	50.55	0.95	1	1	4.371291
EV3-Neg_str	BOBJ1	115.405	Before	Left Exterior Girder	58.985	0.95	1	1	2.22656
EV3-Neg_str	BOBJ1	115.405	Before	Interior Girder 1	58.985	0.95	1	1	2.514141
EV3-Neg_str	BOBJ1	115.405	Before	Interior Girder 2	58.985	0.95	1	1	2.409992
EV3-Neg_str	BOBJ1	115.405	Before	Interior Girder 3	58.985	0.95	1	1	2.256875
EV3-Neg_str	BOBJ1	115.405	Before	Interior Girder 4	58.985	0.95	1	1	2.256875
EV3-Neg_str	BOBJ1	115.405	Before	Interior Girder 5	58.985	0.95	1	1	2.409992
EV3-Neg_str	BOBJ1	115.405	Before	Interior Girder 6	58.985	0.95	1	1	2.514141
EV3-Neg_str	BOBJ1	115.405	Before	Right Exterior Girder	58.985	0.95	1	1	2.22656
EV3-Neg_str	BOBJ1	115.405	After	Left Exterior Girder	58.985	0.95	1	1	2.337532
EV3-Neg_str	BOBJ1	115.405	After	Interior Girder 1	58.985	0.95	1	1	2.462431
EV3-Neg_str	BOBJ1	115.405	After	Interior Girder 2	58.985	0.95	1	1	2.43479
EV3-Neg_str	BOBJ1	115.405	After	Interior Girder 3	58.985	0.95	1	1	2.318824
EV3-Neg_str	BOBJ1	115.405	After	Interior Girder 4	58.985	0.95	1	1	2.318824
EV3-Neg_str	BOBJ1	115.405	After	Interior Girder 5	58.985	0.95	1	1	2.43479
EV3-Neg_str	BOBJ1	115.405	After	Interior Girder 6	58.985	0.95	1	1	2.462431
EV3-Neg_str	BOBJ1	115.405	After	Right Exterior Girder	58.985	0.95	1	1	2.337532
EV3-Neg_str	BOBJ1	116.34	Before	Left Exterior Girder	59.92	0.95	1	1	1.949764
EV3-Neg_str	BOBJ1	116.34	Before	Right Exterior Girder	59.92	0.95	1	1	1.949764
EV3-Neg_str	BOBJ1	116.34	After	Left Exterior Girder	59.92	0.95	1	1	4.085874
EV3-Neg_str	BOBJ1	116.34	After	Right Exterior Girder	59.92	0.95	1	1	4.085874
EV3-Neg_str	BOBJ1	118.84	Before	Interior Girder 1	62.42	0.95	1	1	1.547941
EV3-Neg_str	BOBJ1	118.84	Before	Interior Girder 2	62.42	0.95	1	1	1.524697
EV3-Neg_str	BOBJ1	118.84	Before	Interior Girder 3	62.42	0.95	1	1	1.350308
EV3-Neg_str	BOBJ1	118.84	Before	Interior Girder 4	62.42	0.95	1	1	1.350308
EV3-Neg_str	BOBJ1	118.84	Before	Interior Girder 5	62.42	0.95	1	1	1.524697
EV3-Neg_str	BOBJ1	118.84	Before	Interior Girder 6	62.42	0.95	1	1	1.547941
EV3-Neg_str	BOBJ1	118.84	After	Interior Girder 1	62.42	0.95	1	1	2.234978
EV3-Neg_str	BOBJ1	118.84	After	Interior Girder 2	62.42	0.95	1	1	2.151285
EV3-Neg_str	BOBJ1	118.84	After	Interior Girder 3	62.42	0.95	1	1	1.952356
EV3-Neg_str	BOBJ1	118.84	After	Interior Girder 4	62.42	0.95	1	1	1.952356
EV3-Neg_str	BOBJ1	118.84	After	Interior Girder 5	62.42	0.95	1	1	2.151285
EV3-Neg_str	BOBJ1	118.84	After	Interior Girder 6	62.42	0.95	1	1	2.234978
EV3-Neg_str	BOBJ1	123.84	Before	Left Exterior Girder	67.42	0.95	1	1	1.587916
EV3-Neg_str	BOBJ1	123.84	Before	Interior Girder 1	67.42	0.95	1	1	1.173571
EV3-Neg_str	BOBJ1	123.84	Before	Interior Girder 2	67.42	0.95	1	1	1.162887
EV3-Neg_str	BOBJ1	123.84	Before	Interior Girder 3	67.42	0.95	1	1	0.98063
EV3-Neg_str	BOBJ1	123.84	Before	Interior Girder 4	67.42	0.95	1	1	0.98063
EV3-Neg_str	BOBJ1	123.84	Before	Interior Girder 5	67.42	0.95	1	1	1.162887
EV3-Neg_str	BOBJ1	123.84	Before	Interior Girder 6	67.42	0.95	1	1	1.173571
EV3-Neg_str	BOBJ1	123.84	Before	Right Exterior Girder	67.42	0.95	1	1	1.587916
EV3-Neg_str	BOBJ1	123.84	After	Left Exterior Girder	0	0.95	1	1	1.583736
EV3-Neg_str	BOBJ1	123.84	After	Interior Girder 1	0	0.95	1	1	1.177376
EV3-Neg_str	BOBJ1	123.84	After	Interior Girder 2	0	0.95	1	1	1.166445
EV3-Neg_str	BOBJ1	123.84	After	Interior Girder 3	0	0.95	1	1	0.981149
EV3-Neg_str	BOBJ1	123.84	After	Interior Girder 4	0	0.95	1	1	0.981149

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelINonCompStrgth-Flx - Approach, Span 7-11									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
EV3-Neg_str	BOBJ1	123.84	After	Interior Girder 5	0	0.95	1	1	1.166445
EV3-Neg_str	BOBJ1	123.84	After	Interior Girder 6	0	0.95	1	1	1.177376
EV3-Neg_str	BOBJ1	123.84	After	Right Exterior Girder	0	0.95	1	1	1.583736
EV3-Neg_str	BOBJ1	128.84	Before	Interior Girder 1	5	0.95	1	1	2.242952
EV3-Neg_str	BOBJ1	128.84	Before	Interior Girder 2	5	0.95	1	1	2.15724
EV3-Neg_str	BOBJ1	128.84	Before	Interior Girder 3	5	0.95	1	1	1.951677
EV3-Neg_str	BOBJ1	128.84	Before	Interior Girder 4	5	0.95	1	1	1.951677
EV3-Neg_str	BOBJ1	128.84	Before	Interior Girder 5	5	0.95	1	1	2.15724
EV3-Neg_str	BOBJ1	128.84	Before	Interior Girder 6	5	0.95	1	1	2.242952
EV3-Neg_str	BOBJ1	128.84	After	Interior Girder 1	5	0.95	1	1	1.554209
EV3-Neg_str	BOBJ1	128.84	After	Interior Girder 2	5	0.95	1	1	1.529899
EV3-Neg_str	BOBJ1	128.84	After	Interior Girder 3	5	0.95	1	1	1.349916
EV3-Neg_str	BOBJ1	128.84	After	Interior Girder 4	5	0.95	1	1	1.349916
EV3-Neg_str	BOBJ1	128.84	After	Interior Girder 5	5	0.95	1	1	1.529899
EV3-Neg_str	BOBJ1	128.84	After	Interior Girder 6	5	0.95	1	1	1.554209
EV3-Neg_str	BOBJ1	131.34	Before	Left Exterior Girder	7.5	0.95	1	1	4.136088
EV3-Neg_str	BOBJ1	131.34	Before	Right Exterior Girder	7.5	0.95	1	1	4.136088
EV3-Neg_str	BOBJ1	131.34	After	Left Exterior Girder	7.5	0.95	1	1	1.976201
EV3-Neg_str	BOBJ1	131.34	After	Right Exterior Girder	7.5	0.95	1	1	1.976201
EV3-Neg_str	BOBJ1	132.265	Before	Left Exterior Girder	8.425	0.95	1	1	2.364307
EV3-Neg_str	BOBJ1	132.265	Before	Interior Girder 1	8.425	0.95	1	1	2.482206
EV3-Neg_str	BOBJ1	132.265	Before	Interior Girder 2	8.425	0.95	1	1	2.44864
EV3-Neg_str	BOBJ1	132.265	Before	Interior Girder 3	8.425	0.95	1	1	2.318425
EV3-Neg_str	BOBJ1	132.265	Before	Interior Girder 4	8.425	0.95	1	1	2.318425
EV3-Neg_str	BOBJ1	132.265	Before	Interior Girder 5	8.425	0.95	1	1	2.44864
EV3-Neg_str	BOBJ1	132.265	Before	Interior Girder 6	8.425	0.95	1	1	2.482206
EV3-Neg_str	BOBJ1	132.265	Before	Right Exterior Girder	8.425	0.95	1	1	2.364307
EV3-Neg_str	BOBJ1	132.265	After	Left Exterior Girder	8.425	0.95	1	1	2.246844
EV3-Neg_str	BOBJ1	132.265	After	Interior Girder 1	8.425	0.95	1	1	2.542508
EV3-Neg_str	BOBJ1	132.265	After	Interior Girder 2	8.425	0.95	1	1	2.426926
EV3-Neg_str	BOBJ1	132.265	After	Interior Girder 3	8.425	0.95	1	1	2.259623
EV3-Neg_str	BOBJ1	132.265	After	Interior Girder 4	8.425	0.95	1	1	2.259623
EV3-Neg_str	BOBJ1	132.265	After	Interior Girder 5	8.425	0.95	1	1	2.426926
EV3-Neg_str	BOBJ1	132.265	After	Interior Girder 6	8.425	0.95	1	1	2.542508
EV3-Neg_str	BOBJ1	132.265	After	Right Exterior Girder	8.425	0.95	1	1	2.246844
EV3-Neg_str	BOBJ1	140.69	Before	Left Exterior Girder	16.85	0.95	1	1	4.480728
EV3-Neg_str	BOBJ1	140.69	Before	Interior Girder 1	16.85	0.95	1	1	4.333782
EV3-Neg_str	BOBJ1	140.69	Before	Interior Girder 2	16.85	0.95	1	1	4.441345
EV3-Neg_str	BOBJ1	140.69	Before	Interior Girder 3	16.85	0.95	1	1	4.75584
EV3-Neg_str	BOBJ1	140.69	Before	Interior Girder 4	16.85	0.95	1	1	4.75584
EV3-Neg_str	BOBJ1	140.69	Before	Interior Girder 5	16.85	0.95	1	1	4.441345
EV3-Neg_str	BOBJ1	140.69	Before	Interior Girder 6	16.85	0.95	1	1	4.333782
EV3-Neg_str	BOBJ1	140.69	Before	Right Exterior Girder	16.85	0.95	1	1	4.480728
EV3-Neg_str	BOBJ1	140.69	After	Left Exterior Girder	16.85	0.95	1	1	5.062343
EV3-Neg_str	BOBJ1	140.69	After	Interior Girder 1	16.85	0.95	1	1	4.985521
EV3-Neg_str	BOBJ1	140.69	After	Interior Girder 2	16.85	0.95	1	1	5.116144
EV3-Neg_str	BOBJ1	140.69	After	Interior Girder 3	16.85	0.95	1	1	5.423155
EV3-Neg_str	BOBJ1	140.69	After	Interior Girder 4	16.85	0.95	1	1	5.423155
EV3-Neg_str	BOBJ1	140.69	After	Interior Girder 5	16.85	0.95	1	1	5.116144
EV3-Neg_str	BOBJ1	140.69	After	Interior Girder 6	16.85	0.95	1	1	4.985521
EV3-Neg_str	BOBJ1	140.69	After	Right Exterior Girder	16.85	0.95	1	1	5.062343
EV3-Neg_str	BOBJ1	149.115	Before	Left Exterior Girder	25.275	0.95	1	1	7.42408
EV3-Neg_str	BOBJ1	149.115	Before	Interior Girder 1	25.275	0.95	1	1	6.932769
EV3-Neg_str	BOBJ1	149.115	Before	Interior Girder 2	25.275	0.95	1	1	7.472898
EV3-Neg_str	BOBJ1	149.115	Before	Interior Girder 3	25.275	0.95	1	1	7.931662
EV3-Neg_str	BOBJ1	149.115	Before	Interior Girder 4	25.275	0.95	1	1	7.931662
EV3-Neg_str	BOBJ1	149.115	Before	Interior Girder 5	25.275	0.95	1	1	7.472898
EV3-Neg_str	BOBJ1	149.115	Before	Interior Girder 6	25.275	0.95	1	1	6.932769
EV3-Neg_str	BOBJ1	149.115	Before	Right Exterior Girder	25.275	0.95	1	1	7.42408
EV3-Neg_str	BOBJ1	149.115	After	Left Exterior Girder	25.275	0.95	1	1	7.313654
EV3-Neg_str	BOBJ1	149.115	After	Interior Girder 1	25.275	0.95	1	1	7.014042
EV3-Neg_str	BOBJ1	149.115	After	Interior Girder 2	25.275	0.95	1	1	7.45063
EV3-Neg_str	BOBJ1	149.115	After	Interior Girder 3	25.275	0.95	1	1	7.889954
EV3-Neg_str	BOBJ1	149.115	After	Interior Girder 4	25.275	0.95	1	1	7.889954
EV3-Neg_str	BOBJ1	149.115	After	Interior Girder 5	25.275	0.95	1	1	7.45063

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelINonCompStrgth-Flx - Approach, Span 7-11									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
EV3-Neg_str	BOBJ1	149.115	After	Interior Girder 6	25.275	0.95	1	1	7.014042
EV3-Neg_str	BOBJ1	149.115	After	Right Exterior Girder	25.275	0.95	1	1	7.313654
EV3-Neg_str	BOBJ1	157.54	Before	Left Exterior Girder	33.7	0.95	1	1	9.571913
EV3-Neg_str	BOBJ1	157.54	Before	Interior Girder 1	33.7	0.95	1	1	9.708995
EV3-Neg_str	BOBJ1	157.54	Before	Interior Girder 2	33.7	0.95	1	1	10.773191
EV3-Neg_str	BOBJ1	157.54	Before	Interior Girder 3	33.7	0.95	1	1	11.542898
EV3-Neg_str	BOBJ1	157.54	Before	Interior Girder 4	33.7	0.95	1	1	11.542898
EV3-Neg_str	BOBJ1	157.54	Before	Interior Girder 5	33.7	0.95	1	1	10.773191
EV3-Neg_str	BOBJ1	157.54	Before	Interior Girder 6	33.7	0.95	1	1	9.708995
EV3-Neg_str	BOBJ1	157.54	Before	Right Exterior Girder	33.7	0.95	1	1	9.571913
EV3-Neg_str	BOBJ1	157.54	After	Left Exterior Girder	33.7	0.95	1	1	9.570694
EV3-Neg_str	BOBJ1	157.54	After	Interior Girder 1	33.7	0.95	1	1	9.71815
EV3-Neg_str	BOBJ1	157.54	After	Interior Girder 2	33.7	0.95	1	1	10.771875
EV3-Neg_str	BOBJ1	157.54	After	Interior Girder 3	33.7	0.95	1	1	11.539856
EV3-Neg_str	BOBJ1	157.54	After	Interior Girder 4	33.7	0.95	1	1	11.539856
EV3-Neg_str	BOBJ1	157.54	After	Interior Girder 5	33.7	0.95	1	1	10.771875
EV3-Neg_str	BOBJ1	157.54	After	Interior Girder 6	33.7	0.95	1	1	9.71815
EV3-Neg_str	BOBJ1	157.54	After	Right Exterior Girder	33.7	0.95	1	1	9.570694
EV3-Neg_str	BOBJ1	165.965	Before	Left Exterior Girder	42.125	0.95	1	1	7.31933
EV3-Neg_str	BOBJ1	165.965	Before	Interior Girder 1	42.125	0.95	1	1	7.018339
EV3-Neg_str	BOBJ1	165.965	Before	Interior Girder 2	42.125	0.95	1	1	7.453802
EV3-Neg_str	BOBJ1	165.965	Before	Interior Girder 3	42.125	0.95	1	1	7.894901
EV3-Neg_str	BOBJ1	165.965	Before	Interior Girder 4	42.125	0.95	1	1	7.894901
EV3-Neg_str	BOBJ1	165.965	Before	Interior Girder 5	42.125	0.95	1	1	7.453802
EV3-Neg_str	BOBJ1	165.965	Before	Interior Girder 6	42.125	0.95	1	1	7.018339
EV3-Neg_str	BOBJ1	165.965	Before	Right Exterior Girder	42.125	0.95	1	1	7.31933
EV3-Neg_str	BOBJ1	165.965	After	Left Exterior Girder	42.125	0.95	1	1	7.430171
EV3-Neg_str	BOBJ1	165.965	After	Interior Girder 1	42.125	0.95	1	1	6.937604
EV3-Neg_str	BOBJ1	165.965	After	Interior Girder 2	42.125	0.95	1	1	7.476449
EV3-Neg_str	BOBJ1	165.965	After	Interior Girder 3	42.125	0.95	1	1	7.936583
EV3-Neg_str	BOBJ1	165.965	After	Interior Girder 4	42.125	0.95	1	1	7.936583
EV3-Neg_str	BOBJ1	165.965	After	Interior Girder 5	42.125	0.95	1	1	7.476449
EV3-Neg_str	BOBJ1	165.965	After	Interior Girder 6	42.125	0.95	1	1	6.937604
EV3-Neg_str	BOBJ1	165.965	After	Right Exterior Girder	42.125	0.95	1	1	7.430171
EV3-Neg_str	BOBJ1	174.39	Before	Left Exterior Girder	50.55	0.95	1	1	5.067249
EV3-Neg_str	BOBJ1	174.39	Before	Interior Girder 1	50.55	0.95	1	1	4.987805
EV3-Neg_str	BOBJ1	174.39	Before	Interior Girder 2	50.55	0.95	1	1	5.117509
EV3-Neg_str	BOBJ1	174.39	Before	Interior Girder 3	50.55	0.95	1	1	5.427151
EV3-Neg_str	BOBJ1	174.39	Before	Interior Girder 4	50.55	0.95	1	1	5.427151
EV3-Neg_str	BOBJ1	174.39	Before	Interior Girder 5	50.55	0.95	1	1	5.117509
EV3-Neg_str	BOBJ1	174.39	Before	Interior Girder 6	50.55	0.95	1	1	4.987805
EV3-Neg_str	BOBJ1	174.39	Before	Right Exterior Girder	50.55	0.95	1	1	5.067249
EV3-Neg_str	BOBJ1	174.39	After	Left Exterior Girder	50.55	0.95	1	1	4.484264
EV3-Neg_str	BOBJ1	174.39	After	Interior Girder 1	50.55	0.95	1	1	4.334582
EV3-Neg_str	BOBJ1	174.39	After	Interior Girder 2	50.55	0.95	1	1	4.441206
EV3-Neg_str	BOBJ1	174.39	After	Interior Girder 3	50.55	0.95	1	1	4.758226
EV3-Neg_str	BOBJ1	174.39	After	Interior Girder 4	50.55	0.95	1	1	4.758226
EV3-Neg_str	BOBJ1	174.39	After	Interior Girder 5	50.55	0.95	1	1	4.441206
EV3-Neg_str	BOBJ1	174.39	After	Interior Girder 6	50.55	0.95	1	1	4.334582
EV3-Neg_str	BOBJ1	174.39	After	Right Exterior Girder	50.55	0.95	1	1	4.484264
EV3-Neg_str	BOBJ1	182.825	Before	Left Exterior Girder	58.985	0.95	1	1	2.249943
EV3-Neg_str	BOBJ1	182.825	Before	Interior Girder 1	58.985	0.95	1	1	2.541278
EV3-Neg_str	BOBJ1	182.825	Before	Interior Girder 2	58.985	0.95	1	1	2.425401
EV3-Neg_str	BOBJ1	182.825	Before	Interior Girder 3	58.985	0.95	1	1	2.26201
EV3-Neg_str	BOBJ1	182.825	Before	Interior Girder 4	58.985	0.95	1	1	2.26201
EV3-Neg_str	BOBJ1	182.825	Before	Interior Girder 5	58.985	0.95	1	1	2.425401
EV3-Neg_str	BOBJ1	182.825	Before	Interior Girder 6	58.985	0.95	1	1	2.541278
EV3-Neg_str	BOBJ1	182.825	Before	Right Exterior Girder	58.985	0.95	1	1	2.249943
EV3-Neg_str	BOBJ1	182.825	After	Left Exterior Girder	58.985	0.95	1	1	2.367734
EV3-Neg_str	BOBJ1	182.825	After	Interior Girder 1	58.985	0.95	1	1	2.481441
EV3-Neg_str	BOBJ1	182.825	After	Interior Girder 2	58.985	0.95	1	1	2.446961
EV3-Neg_str	BOBJ1	182.825	After	Interior Girder 3	58.985	0.95	1	1	2.321111
EV3-Neg_str	BOBJ1	182.825	After	Interior Girder 4	58.985	0.95	1	1	2.321111
EV3-Neg_str	BOBJ1	182.825	After	Interior Girder 5	58.985	0.95	1	1	2.446961
EV3-Neg_str	BOBJ1	182.825	After	Interior Girder 6	58.985	0.95	1	1	2.481441

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelINonCompStrgth-Flx - Approach, Span 7-11									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
EV3-Neg_str	BOBJ1	182.825	After	Right Exterior Girder	58.985	0.95	1	1	2.367734
EV3-Neg_str	BOBJ1	183.76	Before	Left Exterior Girder	59.92	0.95	1	1	1.967697
EV3-Neg_str	BOBJ1	183.76	Before	Right Exterior Girder	59.92	0.95	1	1	1.967697
EV3-Neg_str	BOBJ1	183.76	After	Left Exterior Girder	59.92	0.95	1	1	4.123593
EV3-Neg_str	BOBJ1	183.76	After	Right Exterior Girder	59.92	0.95	1	1	4.123593
EV3-Neg_str	BOBJ1	186.26	Before	Interior Girder 1	62.42	0.95	1	1	1.550548
EV3-Neg_str	BOBJ1	186.26	Before	Interior Girder 2	62.42	0.95	1	1	1.52618
EV3-Neg_str	BOBJ1	186.26	Before	Interior Girder 3	62.42	0.95	1	1	1.34954
EV3-Neg_str	BOBJ1	186.26	Before	Interior Girder 4	62.42	0.95	1	1	1.34954
EV3-Neg_str	BOBJ1	186.26	Before	Interior Girder 5	62.42	0.95	1	1	1.52618
EV3-Neg_str	BOBJ1	186.26	Before	Interior Girder 6	62.42	0.95	1	1	1.550548
EV3-Neg_str	BOBJ1	186.26	After	Interior Girder 1	62.42	0.95	1	1	2.238492
EV3-Neg_str	BOBJ1	186.26	After	Interior Girder 2	62.42	0.95	1	1	2.152344
EV3-Neg_str	BOBJ1	186.26	After	Interior Girder 3	62.42	0.95	1	1	1.951413
EV3-Neg_str	BOBJ1	186.26	After	Interior Girder 4	62.42	0.95	1	1	1.951413
EV3-Neg_str	BOBJ1	186.26	After	Interior Girder 5	62.42	0.95	1	1	2.152344
EV3-Neg_str	BOBJ1	186.26	After	Interior Girder 6	62.42	0.95	1	1	2.238492
EV3-Neg_str	BOBJ1	191.26	Before	Left Exterior Girder	67.42	0.95	1	1	1.58423
EV3-Neg_str	BOBJ1	191.26	Before	Interior Girder 1	67.42	0.95	1	1	1.174371
EV3-Neg_str	BOBJ1	191.26	Before	Interior Girder 2	67.42	0.95	1	1	1.163293
EV3-Neg_str	BOBJ1	191.26	Before	Interior Girder 3	67.42	0.95	1	1	0.980919
EV3-Neg_str	BOBJ1	191.26	Before	Interior Girder 4	67.42	0.95	1	1	0.980919
EV3-Neg_str	BOBJ1	191.26	Before	Interior Girder 5	67.42	0.95	1	1	1.163293
EV3-Neg_str	BOBJ1	191.26	Before	Interior Girder 6	67.42	0.95	1	1	1.174371
EV3-Neg_str	BOBJ1	191.26	Before	Right Exterior Girder	67.42	0.95	1	1	1.58423
EV3-Neg_str	BOBJ1	191.26	After	Left Exterior Girder	0	0.95	1	1	1.585048
EV3-Neg_str	BOBJ1	191.26	After	Interior Girder 1	0	0.95	1	1	1.174956
EV3-Neg_str	BOBJ1	191.26	After	Interior Girder 2	0	0.95	1	1	1.164942
EV3-Neg_str	BOBJ1	191.26	After	Interior Girder 3	0	0.95	1	1	0.980103
EV3-Neg_str	BOBJ1	191.26	After	Interior Girder 4	0	0.95	1	1	0.980103
EV3-Neg_str	BOBJ1	191.26	After	Interior Girder 5	0	0.95	1	1	1.164942
EV3-Neg_str	BOBJ1	191.26	After	Interior Girder 6	0	0.95	1	1	1.174956
EV3-Neg_str	BOBJ1	191.26	After	Right Exterior Girder	0	0.95	1	1	1.585048
EV3-Neg_str	BOBJ1	196.26	Before	Interior Girder 1	5	0.95	1	1	2.23752
EV3-Neg_str	BOBJ1	196.26	Before	Interior Girder 2	5	0.95	1	1	2.154873
EV3-Neg_str	BOBJ1	196.26	Before	Interior Girder 3	5	0.95	1	1	1.951572
EV3-Neg_str	BOBJ1	196.26	Before	Interior Girder 4	5	0.95	1	1	1.951572
EV3-Neg_str	BOBJ1	196.26	Before	Interior Girder 5	5	0.95	1	1	2.154873
EV3-Neg_str	BOBJ1	196.26	Before	Interior Girder 6	5	0.95	1	1	2.23752
EV3-Neg_str	BOBJ1	196.26	After	Interior Girder 1	5	0.95	1	1	1.549644
EV3-Neg_str	BOBJ1	196.26	After	Interior Girder 2	5	0.95	1	1	1.52715
EV3-Neg_str	BOBJ1	196.26	After	Interior Girder 3	5	0.95	1	1	1.349649
EV3-Neg_str	BOBJ1	196.26	After	Interior Girder 4	5	0.95	1	1	1.349649
EV3-Neg_str	BOBJ1	196.26	After	Interior Girder 5	5	0.95	1	1	1.52715
EV3-Neg_str	BOBJ1	196.26	After	Interior Girder 6	5	0.95	1	1	1.549644
EV3-Neg_str	BOBJ1	198.76	Before	Left Exterior Girder	7.5	0.95	1	1	4.095761
EV3-Neg_str	BOBJ1	198.76	Before	Right Exterior Girder	7.5	0.95	1	1	4.095761
EV3-Neg_str	BOBJ1	198.76	After	Left Exterior Girder	7.5	0.95	1	1	1.955514
EV3-Neg_str	BOBJ1	198.76	After	Right Exterior Girder	7.5	0.95	1	1	1.955514
EV3-Neg_str	BOBJ1	199.685	Before	Left Exterior Girder	8.425	0.95	1	1	2.331545
EV3-Neg_str	BOBJ1	199.685	Before	Interior Girder 1	8.425	0.95	1	1	2.461391
EV3-Neg_str	BOBJ1	199.685	Before	Interior Girder 2	8.425	0.95	1	1	2.434999
EV3-Neg_str	BOBJ1	199.685	Before	Interior Girder 3	8.425	0.95	1	1	2.314942
EV3-Neg_str	BOBJ1	199.685	Before	Interior Girder 4	8.425	0.95	1	1	2.314942
EV3-Neg_str	BOBJ1	199.685	Before	Interior Girder 5	8.425	0.95	1	1	2.434999
EV3-Neg_str	BOBJ1	199.685	Before	Interior Girder 6	8.425	0.95	1	1	2.461391
EV3-Neg_str	BOBJ1	199.685	Before	Right Exterior Girder	8.425	0.95	1	1	2.331545
EV3-Neg_str	BOBJ1	199.685	After	Left Exterior Girder	8.425	0.95	1	1	2.220502
EV3-Neg_str	BOBJ1	199.685	After	Interior Girder 1	8.425	0.95	1	1	2.513257
EV3-Neg_str	BOBJ1	199.685	After	Interior Girder 2	8.425	0.95	1	1	2.410108
EV3-Neg_str	BOBJ1	199.685	After	Interior Girder 3	8.425	0.95	1	1	2.253388
EV3-Neg_str	BOBJ1	199.685	After	Interior Girder 4	8.425	0.95	1	1	2.253388
EV3-Neg_str	BOBJ1	199.685	After	Interior Girder 5	8.425	0.95	1	1	2.410108
EV3-Neg_str	BOBJ1	199.685	After	Interior Girder 6	8.425	0.95	1	1	2.513257
EV3-Neg_str	BOBJ1	199.685	After	Right Exterior Girder	8.425	0.95	1	1	2.220502

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelINonCompStrgth-Flx - Approach, Span 7-11									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
EV3-Neg_str	BOBJ1	208.11	Before	Left Exterior Girder	16.85	0.95	1	1	4.366327
EV3-Neg_str	BOBJ1	208.11	Before	Interior Girder 1	16.85	0.95	1	1	4.233871
EV3-Neg_str	BOBJ1	208.11	Before	Interior Girder 2	16.85	0.95	1	1	4.358415
EV3-Neg_str	BOBJ1	208.11	Before	Interior Girder 3	16.85	0.95	1	1	4.671982
EV3-Neg_str	BOBJ1	208.11	Before	Interior Girder 4	16.85	0.95	1	1	4.671982
EV3-Neg_str	BOBJ1	208.11	Before	Interior Girder 5	16.85	0.95	1	1	4.358415
EV3-Neg_str	BOBJ1	208.11	Before	Interior Girder 6	16.85	0.95	1	1	4.233871
EV3-Neg_str	BOBJ1	208.11	Before	Right Exterior Girder	16.85	0.95	1	1	4.366327
EV3-Neg_str	BOBJ1	208.11	After	Left Exterior Girder	16.85	0.95	1	1	4.928927
EV3-Neg_str	BOBJ1	208.11	After	Interior Girder 1	16.85	0.95	1	1	4.875911
EV3-Neg_str	BOBJ1	208.11	After	Interior Girder 2	16.85	0.95	1	1	5.025444
EV3-Neg_str	BOBJ1	208.11	After	Interior Girder 3	16.85	0.95	1	1	5.328796
EV3-Neg_str	BOBJ1	208.11	After	Interior Girder 4	16.85	0.95	1	1	5.328796
EV3-Neg_str	BOBJ1	208.11	After	Interior Girder 5	16.85	0.95	1	1	5.025444
EV3-Neg_str	BOBJ1	208.11	After	Interior Girder 6	16.85	0.95	1	1	4.875911
EV3-Neg_str	BOBJ1	208.11	After	Right Exterior Girder	16.85	0.95	1	1	4.928927
EV3-Neg_str	BOBJ1	216.535	Before	Left Exterior Girder	25.275	0.95	1	1	7.305908
EV3-Neg_str	BOBJ1	216.535	Before	Interior Girder 1	25.275	0.95	1	1	6.83924
EV3-Neg_str	BOBJ1	216.535	Before	Interior Girder 2	25.275	0.95	1	1	7.383482
EV3-Neg_str	BOBJ1	216.535	Before	Interior Girder 3	25.275	0.95	1	1	7.847233
EV3-Neg_str	BOBJ1	216.535	Before	Interior Girder 4	25.275	0.95	1	1	7.847233
EV3-Neg_str	BOBJ1	216.535	Before	Interior Girder 5	25.275	0.95	1	1	7.383482
EV3-Neg_str	BOBJ1	216.535	Before	Interior Girder 6	25.275	0.95	1	1	6.83924
EV3-Neg_str	BOBJ1	216.535	Before	Right Exterior Girder	25.275	0.95	1	1	7.305908
EV3-Neg_str	BOBJ1	216.535	After	Left Exterior Girder	25.275	0.95	1	1	7.189663
EV3-Neg_str	BOBJ1	216.535	After	Interior Girder 1	25.275	0.95	1	1	6.922401
EV3-Neg_str	BOBJ1	216.535	After	Interior Girder 2	25.275	0.95	1	1	7.365122
EV3-Neg_str	BOBJ1	216.535	After	Interior Girder 3	25.275	0.95	1	1	7.802642
EV3-Neg_str	BOBJ1	216.535	After	Interior Girder 4	25.275	0.95	1	1	7.802642
EV3-Neg_str	BOBJ1	216.535	After	Interior Girder 5	25.275	0.95	1	1	7.365122
EV3-Neg_str	BOBJ1	216.535	After	Interior Girder 6	25.275	0.95	1	1	6.922401
EV3-Neg_str	BOBJ1	216.535	After	Right Exterior Girder	25.275	0.95	1	1	7.189663
EV3-Neg_str	BOBJ1	224.96	Before	Left Exterior Girder	33.7	0.95	1	1	9.778509
EV3-Neg_str	BOBJ1	224.96	Before	Interior Girder 1	33.7	0.95	1	1	9.729563
EV3-Neg_str	BOBJ1	224.96	Before	Interior Girder 2	33.7	0.95	1	1	10.896729
EV3-Neg_str	BOBJ1	224.96	Before	Interior Girder 3	33.7	0.95	1	1	11.730203
EV3-Neg_str	BOBJ1	224.96	Before	Interior Girder 4	33.7	0.95	1	1	11.730203
EV3-Neg_str	BOBJ1	224.96	Before	Interior Girder 5	33.7	0.95	1	1	10.896729
EV3-Neg_str	BOBJ1	224.96	Before	Interior Girder 6	33.7	0.95	1	1	9.729563
EV3-Neg_str	BOBJ1	224.96	Before	Right Exterior Girder	33.7	0.95	1	1	9.778509
EV3-Neg_str	BOBJ1	224.96	After	Left Exterior Girder	33.7	0.95	1	1	9.657489
EV3-Neg_str	BOBJ1	224.96	After	Interior Girder 1	33.7	0.95	1	1	9.840657
EV3-Neg_str	BOBJ1	224.96	After	Interior Girder 2	33.7	0.95	1	1	10.861029
EV3-Neg_str	BOBJ1	224.96	After	Interior Girder 3	33.7	0.95	1	1	11.631815
EV3-Neg_str	BOBJ1	224.96	After	Interior Girder 4	33.7	0.95	1	1	11.631815
EV3-Neg_str	BOBJ1	224.96	After	Interior Girder 5	33.7	0.95	1	1	10.861029
EV3-Neg_str	BOBJ1	224.96	After	Interior Girder 6	33.7	0.95	1	1	9.840657
EV3-Neg_str	BOBJ1	224.96	After	Right Exterior Girder	33.7	0.95	1	1	9.657489
EV3-Neg_str	BOBJ1	233.385	Before	Left Exterior Girder	42.125	0.95	1	1	8.278815
EV3-Neg_str	BOBJ1	233.385	Before	Interior Girder 1	42.125	0.95	1	1	7.998549
EV3-Neg_str	BOBJ1	233.385	Before	Interior Girder 2	42.125	0.95	1	1	8.431693
EV3-Neg_str	BOBJ1	233.385	Before	Interior Girder 3	42.125	0.95	1	1	8.883193
EV3-Neg_str	BOBJ1	233.385	Before	Interior Girder 4	42.125	0.95	1	1	8.883193
EV3-Neg_str	BOBJ1	233.385	Before	Interior Girder 5	42.125	0.95	1	1	8.431693
EV3-Neg_str	BOBJ1	233.385	Before	Interior Girder 6	42.125	0.95	1	1	7.998549
EV3-Neg_str	BOBJ1	233.385	Before	Right Exterior Girder	42.125	0.95	1	1	8.278815
EV3-Neg_str	BOBJ1	233.385	After	Left Exterior Girder	42.125	0.95	1	1	8.392969
EV3-Neg_str	BOBJ1	233.385	After	Interior Girder 1	42.125	0.95	1	1	7.906157
EV3-Neg_str	BOBJ1	233.385	After	Interior Girder 2	42.125	0.95	1	1	8.475186
EV3-Neg_str	BOBJ1	233.385	After	Interior Girder 3	42.125	0.95	1	1	8.92407
EV3-Neg_str	BOBJ1	233.385	After	Interior Girder 4	42.125	0.95	1	1	8.92407
EV3-Neg_str	BOBJ1	233.385	After	Interior Girder 5	42.125	0.95	1	1	8.475186
EV3-Neg_str	BOBJ1	233.385	After	Interior Girder 6	42.125	0.95	1	1	7.906157
EV3-Neg_str	BOBJ1	233.385	After	Right Exterior Girder	42.125	0.95	1	1	8.392969
EV3-Neg_str	BOBJ1	241.81	Before	Left Exterior Girder	50.55	0.95	1	1	5.747696

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelINonCompStrgth-Flx - Approach, Span 7-11									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
EV3-Neg_str	BOBJ1	241.81	Before	Interior Girder 1	50.55	0.95	1	1	5.733789
EV3-Neg_str	BOBJ1	241.81	Before	Interior Girder 2	50.55	0.95	1	1	5.783089
EV3-Neg_str	BOBJ1	241.81	Before	Interior Girder 3	50.55	0.95	1	1	6.101243
EV3-Neg_str	BOBJ1	241.81	Before	Interior Girder 4	50.55	0.95	1	1	6.101243
EV3-Neg_str	BOBJ1	241.81	Before	Interior Girder 5	50.55	0.95	1	1	5.783089
EV3-Neg_str	BOBJ1	241.81	Before	Interior Girder 6	50.55	0.95	1	1	5.733789
EV3-Neg_str	BOBJ1	241.81	Before	Right Exterior Girder	50.55	0.95	1	1	5.747696
EV3-Neg_str	BOBJ1	241.81	After	Left Exterior Girder	50.55	0.95	1	1	5.085328
EV3-Neg_str	BOBJ1	241.81	After	Interior Girder 1	50.55	0.95	1	1	4.969496
EV3-Neg_str	BOBJ1	241.81	After	Interior Girder 2	50.55	0.95	1	1	5.04748
EV3-Neg_str	BOBJ1	241.81	After	Interior Girder 3	50.55	0.95	1	1	5.359723
EV3-Neg_str	BOBJ1	241.81	After	Interior Girder 4	50.55	0.95	1	1	5.359723
EV3-Neg_str	BOBJ1	241.81	After	Interior Girder 5	50.55	0.95	1	1	5.04748
EV3-Neg_str	BOBJ1	241.81	After	Interior Girder 6	50.55	0.95	1	1	4.969496
EV3-Neg_str	BOBJ1	241.81	After	Right Exterior Girder	50.55	0.95	1	1	5.085328
EV3-Neg_str	BOBJ1	245.18	Before	Left Exterior Girder	53.92	0.95	1	1	4.122065
EV3-Neg_str	BOBJ1	245.18	Before	Interior Girder 1	53.92	0.95	1	1	4.277823
EV3-Neg_str	BOBJ1	245.18	Before	Interior Girder 2	53.92	0.95	1	1	4.175047
EV3-Neg_str	BOBJ1	245.18	Before	Interior Girder 3	53.92	0.95	1	1	4.227692
EV3-Neg_str	BOBJ1	245.18	Before	Interior Girder 4	53.92	0.95	1	1	4.227692
EV3-Neg_str	BOBJ1	245.18	Before	Interior Girder 5	53.92	0.95	1	1	4.175047
EV3-Neg_str	BOBJ1	245.18	Before	Interior Girder 6	53.92	0.95	1	1	4.277823
EV3-Neg_str	BOBJ1	245.18	Before	Right Exterior Girder	53.92	0.95	1	1	4.122065
EV3-Neg_str	BOBJ1	245.18	After	Left Exterior Girder	53.92	0.95	1	1	4.825588
EV3-Neg_str	BOBJ1	245.18	After	Interior Girder 1	53.92	0.95	1	1	4.568897
EV3-Neg_str	BOBJ1	245.18	After	Interior Girder 2	53.92	0.95	1	1	4.462447
EV3-Neg_str	BOBJ1	245.18	After	Interior Girder 3	53.92	0.95	1	1	4.556661
EV3-Neg_str	BOBJ1	245.18	After	Interior Girder 4	53.92	0.95	1	1	4.556661
EV3-Neg_str	BOBJ1	245.18	After	Interior Girder 5	53.92	0.95	1	1	4.462447
EV3-Neg_str	BOBJ1	245.18	After	Interior Girder 6	53.92	0.95	1	1	4.568897
EV3-Neg_str	BOBJ1	245.18	After	Right Exterior Girder	53.92	0.95	1	1	4.825588
EV3-Neg_str	BOBJ1	250.245	Before	Left Exterior Girder	58.985	0.95	1	1	2.826916
EV3-Neg_str	BOBJ1	250.245	Before	Interior Girder 1	58.985	0.95	1	1	2.853565
EV3-Neg_str	BOBJ1	250.245	Before	Interior Girder 2	58.985	0.95	1	1	2.678348
EV3-Neg_str	BOBJ1	250.245	Before	Interior Girder 3	58.985	0.95	1	1	2.468142
EV3-Neg_str	BOBJ1	250.245	Before	Interior Girder 4	58.985	0.95	1	1	2.468142
EV3-Neg_str	BOBJ1	250.245	Before	Interior Girder 5	58.985	0.95	1	1	2.678348
EV3-Neg_str	BOBJ1	250.245	Before	Interior Girder 6	58.985	0.95	1	1	2.853565
EV3-Neg_str	BOBJ1	250.245	Before	Right Exterior Girder	58.985	0.95	1	1	2.826916
EV3-Neg_str	BOBJ1	250.245	After	Left Exterior Girder	58.985	0.95	1	1	2.885119
EV3-Neg_str	BOBJ1	250.245	After	Interior Girder 1	58.985	0.95	1	1	2.824909
EV3-Neg_str	BOBJ1	250.245	After	Interior Girder 2	58.985	0.95	1	1	2.672826
EV3-Neg_str	BOBJ1	250.245	After	Interior Girder 3	58.985	0.95	1	1	2.501411
EV3-Neg_str	BOBJ1	250.245	After	Interior Girder 4	58.985	0.95	1	1	2.501411
EV3-Neg_str	BOBJ1	250.245	After	Interior Girder 5	58.985	0.95	1	1	2.672826
EV3-Neg_str	BOBJ1	250.245	After	Interior Girder 6	58.985	0.95	1	1	2.824909
EV3-Neg_str	BOBJ1	250.245	After	Right Exterior Girder	58.985	0.95	1	1	2.885119
EV3-Neg_str	BOBJ1	251.68	Before	Left Exterior Girder	60.42	0.95	1	1	2.229515
EV3-Neg_str	BOBJ1	251.68	Before	Right Exterior Girder	60.42	0.95	1	1	2.229515
EV3-Neg_str	BOBJ1	251.68	After	Left Exterior Girder	60.42	0.95	1	1	4.053891
EV3-Neg_str	BOBJ1	251.68	After	Right Exterior Girder	60.42	0.95	1	1	4.053891
EV3-Neg_str	BOBJ1	254.18	Before	Interior Girder 1	62.92	0.95	1	1	1.611208
EV3-Neg_str	BOBJ1	254.18	Before	Interior Girder 2	62.92	0.95	1	1	1.560785
EV3-Neg_str	BOBJ1	254.18	Before	Interior Girder 3	62.92	0.95	1	1	1.364598
EV3-Neg_str	BOBJ1	254.18	Before	Interior Girder 4	62.92	0.95	1	1	1.364598
EV3-Neg_str	BOBJ1	254.18	Before	Interior Girder 5	62.92	0.95	1	1	1.560785
EV3-Neg_str	BOBJ1	254.18	Before	Interior Girder 6	62.92	0.95	1	1	1.611208
EV3-Neg_str	BOBJ1	254.18	After	Interior Girder 1	62.92	0.95	1	1	2.023406
EV3-Neg_str	BOBJ1	254.18	After	Interior Girder 2	62.92	0.95	1	1	1.927216
EV3-Neg_str	BOBJ1	254.18	After	Interior Girder 3	62.92	0.95	1	1	1.720345
EV3-Neg_str	BOBJ1	254.18	After	Interior Girder 4	62.92	0.95	1	1	1.720345
EV3-Neg_str	BOBJ1	254.18	After	Interior Girder 5	62.92	0.95	1	1	1.927216
EV3-Neg_str	BOBJ1	254.18	After	Interior Girder 6	62.92	0.95	1	1	2.023406
EV3-Neg_str	BOBJ1	258.68	Before	Left Exterior Girder	67.42	0.95	1	1	1.635237
EV3-Neg_str	BOBJ1	258.68	Before	Interior Girder 1	67.42	0.95	1	1	1.118652

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelINonCompStrgth-Flx - Approach, Span 7-11									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
EV3-Neg_str	BOBJ1	258.68	Before	Interior Girder 2	67.42	0.95	1	1	1.095789
EV3-Neg_str	BOBJ1	258.68	Before	Interior Girder 3	67.42	0.95	1	1	0.911152
EV3-Neg_str	BOBJ1	258.68	Before	Interior Girder 4	67.42	0.95	1	1	0.911152
EV3-Neg_str	BOBJ1	258.68	Before	Interior Girder 5	67.42	0.95	1	1	1.095789
EV3-Neg_str	BOBJ1	258.68	Before	Interior Girder 6	67.42	0.95	1	1	1.118652
EV3-Neg_str	BOBJ1	258.68	Before	Right Exterior Girder	67.42	0.95	1	1	1.635237
EV3-Neg_str	BOBJ1	258.68	After	Left Exterior Girder	0	0.95	1	1	1.567317
EV3-Neg_str	BOBJ1	258.68	After	Interior Girder 1	0	0.95	1	1	1.059124
EV3-Neg_str	BOBJ1	258.68	After	Interior Girder 2	0	0.95	1	1	1.040106
EV3-Neg_str	BOBJ1	258.68	After	Interior Girder 3	0	0.95	1	1	0.864965
EV3-Neg_str	BOBJ1	258.68	After	Interior Girder 4	0	0.95	1	1	0.864965
EV3-Neg_str	BOBJ1	258.68	After	Interior Girder 5	0	0.95	1	1	1.040106
EV3-Neg_str	BOBJ1	258.68	After	Interior Girder 6	0	0.95	1	1	1.059124
EV3-Neg_str	BOBJ1	258.68	After	Right Exterior Girder	0	0.95	1	1	1.567317
EV3-Neg_str	BOBJ1	263.18	Before	Interior Girder 1	4.5	0.95	1	1	1.996029
EV3-Neg_str	BOBJ1	263.18	Before	Interior Girder 2	4.5	0.95	1	1	1.901009
EV3-Neg_str	BOBJ1	263.18	Before	Interior Girder 3	4.5	0.95	1	1	1.710842
EV3-Neg_str	BOBJ1	263.18	Before	Interior Girder 4	4.5	0.95	1	1	1.710842
EV3-Neg_str	BOBJ1	263.18	Before	Interior Girder 5	4.5	0.95	1	1	1.901009
EV3-Neg_str	BOBJ1	263.18	Before	Interior Girder 6	4.5	0.95	1	1	1.996029
EV3-Neg_str	BOBJ1	263.18	After	Interior Girder 1	4.5	0.95	1	1	1.590908
EV3-Neg_str	BOBJ1	263.18	After	Interior Girder 2	4.5	0.95	1	1	1.540649
EV3-Neg_str	BOBJ1	263.18	After	Interior Girder 3	4.5	0.95	1	1	1.358871
EV3-Neg_str	BOBJ1	263.18	After	Interior Girder 4	4.5	0.95	1	1	1.358871
EV3-Neg_str	BOBJ1	263.18	After	Interior Girder 5	4.5	0.95	1	1	1.540649
EV3-Neg_str	BOBJ1	263.18	After	Interior Girder 6	4.5	0.95	1	1	1.590908
EV3-Neg_str	BOBJ1	265.68	Before	Left Exterior Girder	7	0.95	1	1	3.780334
EV3-Neg_str	BOBJ1	265.68	Before	Right Exterior Girder	7	0.95	1	1	3.780334
EV3-Neg_str	BOBJ1	265.68	After	Left Exterior Girder	7	0.95	1	1	2.085591
EV3-Neg_str	BOBJ1	265.68	After	Right Exterior Girder	7	0.95	1	1	2.085591
EV3-Neg_str	BOBJ1	268.08	Before	Left Exterior Girder	9.4	0.95	1	1	2.880951
EV3-Neg_str	BOBJ1	268.08	Before	Interior Girder 1	9.4	0.95	1	1	2.890486
EV3-Neg_str	BOBJ1	268.08	Before	Interior Girder 2	9.4	0.95	1	1	2.848173
EV3-Neg_str	BOBJ1	268.08	Before	Interior Girder 3	9.4	0.95	1	1	2.757145
EV3-Neg_str	BOBJ1	268.08	Before	Interior Girder 4	9.4	0.95	1	1	2.757145
EV3-Neg_str	BOBJ1	268.08	Before	Interior Girder 5	9.4	0.95	1	1	2.848173
EV3-Neg_str	BOBJ1	268.08	Before	Interior Girder 6	9.4	0.95	1	1	2.890486
EV3-Neg_str	BOBJ1	268.08	Before	Right Exterior Girder	9.4	0.95	1	1	2.880951
EV3-Neg_str	BOBJ1	268.08	After	Left Exterior Girder	9.4	0.95	1	1	2.80261
EV3-Neg_str	BOBJ1	268.08	After	Interior Girder 1	9.4	0.95	1	1	2.93954
EV3-Neg_str	BOBJ1	268.08	After	Interior Girder 2	9.4	0.95	1	1	2.815009
EV3-Neg_str	BOBJ1	268.08	After	Interior Girder 3	9.4	0.95	1	1	2.683319
EV3-Neg_str	BOBJ1	268.08	After	Interior Girder 4	9.4	0.95	1	1	2.683319
EV3-Neg_str	BOBJ1	268.08	After	Interior Girder 5	9.4	0.95	1	1	2.815009
EV3-Neg_str	BOBJ1	268.08	After	Interior Girder 6	9.4	0.95	1	1	2.93954
EV3-Neg_str	BOBJ1	268.08	After	Right Exterior Girder	9.4	0.95	1	1	2.80261
EV3-Neg_str	BOBJ1	277.48	Before	Left Exterior Girder	18.8	0.95	1	1	5.010135
EV3-Neg_str	BOBJ1	277.48	Before	Interior Girder 1	18.8	0.95	1	1	4.652091
EV3-Neg_str	BOBJ1	277.48	Before	Interior Girder 2	18.8	0.95	1	1	4.834168
EV3-Neg_str	BOBJ1	277.48	Before	Interior Girder 3	18.8	0.95	1	1	5.167959
EV3-Neg_str	BOBJ1	277.48	Before	Interior Girder 4	18.8	0.95	1	1	5.167959
EV3-Neg_str	BOBJ1	277.48	Before	Interior Girder 5	18.8	0.95	1	1	4.834168
EV3-Neg_str	BOBJ1	277.48	Before	Interior Girder 6	18.8	0.95	1	1	4.652091
EV3-Neg_str	BOBJ1	277.48	Before	Right Exterior Girder	18.8	0.95	1	1	5.010135
EV3-Neg_str	BOBJ1	277.48	After	Left Exterior Girder	18.8	0.95	1	1	5.730378
EV3-Neg_str	BOBJ1	277.48	After	Interior Girder 1	18.8	0.95	1	1	5.488954
EV3-Neg_str	BOBJ1	277.48	After	Interior Girder 2	18.8	0.95	1	1	5.682751
EV3-Neg_str	BOBJ1	277.48	After	Interior Girder 3	18.8	0.95	1	1	6.010307
EV3-Neg_str	BOBJ1	277.48	After	Interior Girder 4	18.8	0.95	1	1	6.010307
EV3-Neg_str	BOBJ1	277.48	After	Interior Girder 5	18.8	0.95	1	1	5.682751
EV3-Neg_str	BOBJ1	277.48	After	Interior Girder 6	18.8	0.95	1	1	5.488954
EV3-Neg_str	BOBJ1	277.48	After	Right Exterior Girder	18.8	0.95	1	1	5.730378
EV3-Neg_str	BOBJ1	286.88	Before	Left Exterior Girder	28.2	0.95	1	1	8.775571
EV3-Neg_str	BOBJ1	286.88	Before	Interior Girder 1	28.2	0.95	1	1	7.996757
EV3-Neg_str	BOBJ1	286.88	Before	Interior Girder 2	28.2	0.95	1	1	8.699165

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelINonCompStrgth-Flx - Approach, Span 7-11									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
EV3-Neg_str	BOBJ1	286.88	Before	Interior Girder 3	28.2	0.95	1	1	9.161564
EV3-Neg_str	BOBJ1	286.88	Before	Interior Girder 4	28.2	0.95	1	1	9.161564
EV3-Neg_str	BOBJ1	286.88	Before	Interior Girder 5	28.2	0.95	1	1	8.699165
EV3-Neg_str	BOBJ1	286.88	Before	Interior Girder 6	28.2	0.95	1	1	7.996757
EV3-Neg_str	BOBJ1	286.88	Before	Right Exterior Girder	28.2	0.95	1	1	8.775571
EV3-Neg_str	BOBJ1	286.88	After	Left Exterior Girder	28.2	0.95	1	1	8.584491
EV3-Neg_str	BOBJ1	286.88	After	Interior Girder 1	28.2	0.95	1	1	8.132745
EV3-Neg_str	BOBJ1	286.88	After	Interior Girder 2	28.2	0.95	1	1	8.646478
EV3-Neg_str	BOBJ1	286.88	After	Interior Girder 3	28.2	0.95	1	1	9.056178
EV3-Neg_str	BOBJ1	286.88	After	Interior Girder 4	28.2	0.95	1	1	9.056178
EV3-Neg_str	BOBJ1	286.88	After	Interior Girder 5	28.2	0.95	1	1	8.646478
EV3-Neg_str	BOBJ1	286.88	After	Interior Girder 6	28.2	0.95	1	1	8.132745
EV3-Neg_str	BOBJ1	286.88	After	Right Exterior Girder	28.2	0.95	1	1	8.584491
EV3-Neg_str	BOBJ1	296.28	Before	Left Exterior Girder	37.6	0.95	1	1	12.62221
EV3-Neg_str	BOBJ1	296.28	Before	Interior Girder 1	37.6	0.95	1	1	12.31481
EV3-Neg_str	BOBJ1	296.28	Before	Interior Girder 2	37.6	0.95	1	1	13.908006
EV3-Neg_str	BOBJ1	296.28	Before	Interior Girder 3	37.6	0.95	1	1	14.680632
EV3-Neg_str	BOBJ1	296.28	Before	Interior Girder 4	37.6	0.95	1	1	14.680632
EV3-Neg_str	BOBJ1	296.28	Before	Interior Girder 5	37.6	0.95	1	1	13.908006
EV3-Neg_str	BOBJ1	296.28	Before	Interior Girder 6	37.6	0.95	1	1	12.31481
EV3-Neg_str	BOBJ1	296.28	Before	Right Exterior Girder	37.6	0.95	1	1	12.62221
EV3-Neg_str	BOBJ1	296.28	After	Left Exterior Girder	37.6	0.95	1	1	12.554044
EV3-Neg_str	BOBJ1	296.28	After	Interior Girder 1	37.6	0.95	1	1	12.57629
EV3-Neg_str	BOBJ1	296.28	After	Interior Girder 2	37.6	0.95	1	1	13.829146
EV3-Neg_str	BOBJ1	296.28	After	Interior Girder 3	37.6	0.95	1	1	14.400477
EV3-Neg_str	BOBJ1	296.28	After	Interior Girder 4	37.6	0.95	1	1	14.400477
EV3-Neg_str	BOBJ1	296.28	After	Interior Girder 5	37.6	0.95	1	1	13.829146
EV3-Neg_str	BOBJ1	296.28	After	Interior Girder 6	37.6	0.95	1	1	12.57629
EV3-Neg_str	BOBJ1	296.28	After	Right Exterior Girder	37.6	0.95	1	1	12.554044
EV3-Neg_str	BOBJ1	305.69	Before	Left Exterior Girder	47.01	0.95	1	1	23.201346
EV3-Neg_str	BOBJ1	305.69	Before	Interior Girder 1	47.01	0.95	1	1	22.821408
EV3-Neg_str	BOBJ1	305.69	Before	Interior Girder 2	47.01	0.95	1	1	26.472469
EV3-Neg_str	BOBJ1	305.69	Before	Interior Girder 3	47.01	0.95	1	1	27.89634
EV3-Neg_str	BOBJ1	305.69	Before	Interior Girder 4	47.01	0.95	1	1	27.89634
EV3-Neg_str	BOBJ1	305.69	Before	Interior Girder 5	47.01	0.95	1	1	26.472469
EV3-Neg_str	BOBJ1	305.69	Before	Interior Girder 6	47.01	0.95	1	1	22.821407
EV3-Neg_str	BOBJ1	305.69	Before	Right Exterior Girder	47.01	0.95	1	1	23.201346
EV3-Neg_str	BOBJ1	305.69	After	Left Exterior Girder	47.01	0.95	1	1	23.495584
EV3-Neg_str	BOBJ1	305.69	After	Interior Girder 1	47.01	0.95	1	1	23.735242
EV3-Neg_str	BOBJ1	305.69	After	Interior Girder 2	47.01	0.95	1	1	26.103434
EV3-Neg_str	BOBJ1	305.69	After	Interior Girder 3	47.01	0.95	1	1	26.73261
EV3-Neg_str	BOBJ1	305.69	After	Interior Girder 4	47.01	0.95	1	1	26.73261
EV3-Neg_str	BOBJ1	305.69	After	Interior Girder 5	47.01	0.95	1	1	26.103434
EV3-Neg_str	BOBJ1	305.69	After	Interior Girder 6	47.01	0.95	1	1	23.735242
EV3-Neg_str	BOBJ1	305.69	After	Right Exterior Girder	47.01	0.95	1	1	23.495584
EV3-Neg_str	BOBJ1	315.1	Before	Left Exterior Girder	56.42	0.95	1	1	247.071392
EV3-Neg_str	BOBJ1	315.1	Before	Interior Girder 1	56.42	0.95	1	1	319.206018
EV3-Neg_str	BOBJ1	315.1	Before	Interior Girder 2	56.42	0.95	1	1	160.098533
EV3-Neg_str	BOBJ1	315.1	Before	Interior Girder 3	56.42	0.95	1	1	120.357571
EV3-Neg_str	BOBJ1	315.1	Before	Interior Girder 4	56.42	0.95	1	1	120.357571
EV3-Neg_str	BOBJ1	315.1	Before	Interior Girder 5	56.42	0.95	1	1	160.098533
EV3-Neg_str	BOBJ1	315.1	Before	Interior Girder 6	56.42	0.95	1	1	319.206018
EV3-Neg_str	BOBJ1	315.1	Before	Right Exterior Girder	56.42	0.95	1	1	247.071393
Gravel Truck_str	BOBJ1	0	After	Left Exterior Girder	0	0.95	1	1	249.819815
Gravel Truck_str	BOBJ1	0	After	Interior Girder 1	0	0.95	1	1	209.968648
Gravel Truck_str	BOBJ1	0	After	Interior Girder 2	0	0.95	1	1	171.990917
Gravel Truck_str	BOBJ1	0	After	Interior Girder 3	0	0.95	1	1	119.851412
Gravel Truck_str	BOBJ1	0	After	Interior Girder 4	0	0.95	1	1	119.851411
Gravel Truck_str	BOBJ1	0	After	Interior Girder 5	0	0.95	1	1	171.990917
Gravel Truck_str	BOBJ1	0	After	Interior Girder 6	0	0.95	1	1	209.968651
Gravel Truck_str	BOBJ1	0	After	Right Exterior Girder	0	0.95	1	1	249.819815
Gravel Truck_str	BOBJ1	9.4	Before	Left Exterior Girder	9.4	0.95	1	1	3.233347
Gravel Truck_str	BOBJ1	9.4	Before	Interior Girder 1	9.4	0.95	1	1	2.263907
Gravel Truck_str	BOBJ1	9.4	Before	Interior Girder 2	9.4	0.95	1	1	2.11227
Gravel Truck_str	BOBJ1	9.4	Before	Interior Girder 3	9.4	0.95	1	1	1.972342

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelINonCompStrgth-Flx - Approach, Span 7-11									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Gravel Truck_str	BOBJ1	9.4	Before	Interior Girder 4	9.4	0.95	1	1	1.972342
Gravel Truck_str	BOBJ1	9.4	Before	Interior Girder 5	9.4	0.95	1	1	2.11227
Gravel Truck_str	BOBJ1	9.4	Before	Interior Girder 6	9.4	0.95	1	1	2.263907
Gravel Truck_str	BOBJ1	9.4	Before	Right Exterior Girder	9.4	0.95	1	1	3.233347
Gravel Truck_str	BOBJ1	9.4	After	Left Exterior Girder	9.4	0.95	1	1	3.24966
Gravel Truck_str	BOBJ1	9.4	After	Interior Girder 1	9.4	0.95	1	1	2.256123
Gravel Truck_str	BOBJ1	9.4	After	Interior Girder 2	9.4	0.95	1	1	2.148355
Gravel Truck_str	BOBJ1	9.4	After	Interior Girder 3	9.4	0.95	1	1	2.033606
Gravel Truck_str	BOBJ1	9.4	After	Interior Girder 4	9.4	0.95	1	1	2.033606
Gravel Truck_str	BOBJ1	9.4	After	Interior Girder 5	9.4	0.95	1	1	2.148355
Gravel Truck_str	BOBJ1	9.4	After	Interior Girder 6	9.4	0.95	1	1	2.256123
Gravel Truck_str	BOBJ1	9.4	After	Right Exterior Girder	9.4	0.95	1	1	3.24966
Gravel Truck_str	BOBJ1	18.8	Before	Left Exterior Girder	18.8	0.95	1	1	1.767915
Gravel Truck_str	BOBJ1	18.8	Before	Interior Girder 1	18.8	0.95	1	1	1.57429
Gravel Truck_str	BOBJ1	18.8	Before	Interior Girder 2	18.8	0.95	1	1	1.494776
Gravel Truck_str	BOBJ1	18.8	Before	Interior Girder 3	18.8	0.95	1	1	1.473946
Gravel Truck_str	BOBJ1	18.8	Before	Interior Girder 4	18.8	0.95	1	1	1.473946
Gravel Truck_str	BOBJ1	18.8	Before	Interior Girder 5	18.8	0.95	1	1	1.494776
Gravel Truck_str	BOBJ1	18.8	Before	Interior Girder 6	18.8	0.95	1	1	1.57429
Gravel Truck_str	BOBJ1	18.8	Before	Right Exterior Girder	18.8	0.95	1	1	1.767915
Gravel Truck_str	BOBJ1	18.8	After	Left Exterior Girder	18.8	0.95	1	1	1.789314
Gravel Truck_str	BOBJ1	18.8	After	Interior Girder 1	18.8	0.95	1	1	1.558888
Gravel Truck_str	BOBJ1	18.8	After	Interior Girder 2	18.8	0.95	1	1	1.496897
Gravel Truck_str	BOBJ1	18.8	After	Interior Girder 3	18.8	0.95	1	1	1.484561
Gravel Truck_str	BOBJ1	18.8	After	Interior Girder 4	18.8	0.95	1	1	1.484561
Gravel Truck_str	BOBJ1	18.8	After	Interior Girder 5	18.8	0.95	1	1	1.496897
Gravel Truck_str	BOBJ1	18.8	After	Interior Girder 6	18.8	0.95	1	1	1.558888
Gravel Truck_str	BOBJ1	18.8	After	Right Exterior Girder	18.8	0.95	1	1	1.789314
Gravel Truck_str	BOBJ1	28.2	Before	Left Exterior Girder	28.2	0.95	1	1	1.961189
Gravel Truck_str	BOBJ1	28.2	Before	Interior Girder 1	28.2	0.95	1	1	1.492405
Gravel Truck_str	BOBJ1	28.2	Before	Interior Girder 2	28.2	0.95	1	1	1.446638
Gravel Truck_str	BOBJ1	28.2	Before	Interior Girder 3	28.2	0.95	1	1	1.398706
Gravel Truck_str	BOBJ1	28.2	Before	Interior Girder 4	28.2	0.95	1	1	1.398706
Gravel Truck_str	BOBJ1	28.2	Before	Interior Girder 5	28.2	0.95	1	1	1.446638
Gravel Truck_str	BOBJ1	28.2	Before	Interior Girder 6	28.2	0.95	1	1	1.492405
Gravel Truck_str	BOBJ1	28.2	Before	Right Exterior Girder	28.2	0.95	1	1	1.961189
Gravel Truck_str	BOBJ1	28.2	After	Left Exterior Girder	28.2	0.95	1	1	1.94993
Gravel Truck_str	BOBJ1	28.2	After	Interior Girder 1	28.2	0.95	1	1	1.498013
Gravel Truck_str	BOBJ1	28.2	After	Interior Girder 2	28.2	0.95	1	1	1.444623
Gravel Truck_str	BOBJ1	28.2	After	Interior Girder 3	28.2	0.95	1	1	1.392031
Gravel Truck_str	BOBJ1	28.2	After	Interior Girder 4	28.2	0.95	1	1	1.392031
Gravel Truck_str	BOBJ1	28.2	After	Interior Girder 5	28.2	0.95	1	1	1.444623
Gravel Truck_str	BOBJ1	28.2	After	Interior Girder 6	28.2	0.95	1	1	1.498013
Gravel Truck_str	BOBJ1	28.2	After	Right Exterior Girder	28.2	0.95	1	1	1.94993
Gravel Truck_str	BOBJ1	37.6	Before	Left Exterior Girder	37.6	0.95	1	1	2.837851
Gravel Truck_str	BOBJ1	37.6	Before	Interior Girder 1	37.6	0.95	1	1	2.315015
Gravel Truck_str	BOBJ1	37.6	Before	Interior Girder 2	37.6	0.95	1	1	2.170553
Gravel Truck_str	BOBJ1	37.6	Before	Interior Girder 3	37.6	0.95	1	1	2.135042
Gravel Truck_str	BOBJ1	37.6	Before	Interior Girder 4	37.6	0.95	1	1	2.135042
Gravel Truck_str	BOBJ1	37.6	Before	Interior Girder 5	37.6	0.95	1	1	2.170553
Gravel Truck_str	BOBJ1	37.6	Before	Interior Girder 6	37.6	0.95	1	1	2.315015
Gravel Truck_str	BOBJ1	37.6	Before	Right Exterior Girder	37.6	0.95	1	1	2.837851
Gravel Truck_str	BOBJ1	37.6	After	Left Exterior Girder	37.6	0.95	1	1	2.776098
Gravel Truck_str	BOBJ1	37.6	After	Interior Girder 1	37.6	0.95	1	1	2.355779
Gravel Truck_str	BOBJ1	37.6	After	Interior Girder 2	37.6	0.95	1	1	2.168808
Gravel Truck_str	BOBJ1	37.6	After	Interior Girder 3	37.6	0.95	1	1	2.108326
Gravel Truck_str	BOBJ1	37.6	After	Interior Girder 4	37.6	0.95	1	1	2.108326
Gravel Truck_str	BOBJ1	37.6	After	Interior Girder 5	37.6	0.95	1	1	2.168808
Gravel Truck_str	BOBJ1	37.6	After	Interior Girder 6	37.6	0.95	1	1	2.355779
Gravel Truck_str	BOBJ1	37.6	After	Right Exterior Girder	37.6	0.95	1	1	2.776098
Gravel Truck_str	BOBJ1	47.01	Before	Left Exterior Girder	47.01	0.95	1	1	2.912078
Gravel Truck_str	BOBJ1	47.01	Before	Interior Girder 1	47.01	0.95	1	1	3.066601
Gravel Truck_str	BOBJ1	47.01	Before	Interior Girder 2	47.01	0.95	1	1	3.042961
Gravel Truck_str	BOBJ1	47.01	Before	Interior Girder 3	47.01	0.95	1	1	2.97022
Gravel Truck_str	BOBJ1	47.01	Before	Interior Girder 4	47.01	0.95	1	1	2.97022

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelINonCompStrgth-Flx - Approach, Span 7-11									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Gravel Truck_str	BOBJ1	47.01	Before	Interior Girder 5	47.01	0.95	1	1	3.042961
Gravel Truck_str	BOBJ1	47.01	Before	Interior Girder 6	47.01	0.95	1	1	3.066601
Gravel Truck_str	BOBJ1	47.01	Before	Right Exterior Girder	47.01	0.95	1	1	2.912078
Gravel Truck_str	BOBJ1	47.01	After	Left Exterior Girder	47.01	0.95	1	1	2.985247
Gravel Truck_str	BOBJ1	47.01	After	Interior Girder 1	47.01	0.95	1	1	3.00753
Gravel Truck_str	BOBJ1	47.01	After	Interior Girder 2	47.01	0.95	1	1	3.002858
Gravel Truck_str	BOBJ1	47.01	After	Interior Girder 3	47.01	0.95	1	1	2.959721
Gravel Truck_str	BOBJ1	47.01	After	Interior Girder 4	47.01	0.95	1	1	2.959721
Gravel Truck_str	BOBJ1	47.01	After	Interior Girder 5	47.01	0.95	1	1	3.002858
Gravel Truck_str	BOBJ1	47.01	After	Interior Girder 6	47.01	0.95	1	1	3.00753
Gravel Truck_str	BOBJ1	47.01	After	Right Exterior Girder	47.01	0.95	1	1	2.985247
Gravel Truck_str	BOBJ1	49.42	Before	Left Exterior Girder	49.42	0.95	1	1	2.414575
Gravel Truck_str	BOBJ1	49.42	Before	Right Exterior Girder	49.42	0.95	1	1	2.414575
Gravel Truck_str	BOBJ1	49.42	After	Left Exterior Girder	49.42	0.95	1	1	4.384696
Gravel Truck_str	BOBJ1	49.42	After	Right Exterior Girder	49.42	0.95	1	1	4.384696
Gravel Truck_str	BOBJ1	51.92	Before	Interior Girder 1	51.92	0.95	1	1	2.196535
Gravel Truck_str	BOBJ1	51.92	Before	Interior Girder 2	51.92	0.95	1	1	2.207324
Gravel Truck_str	BOBJ1	51.92	Before	Interior Girder 3	51.92	0.95	1	1	2.047525
Gravel Truck_str	BOBJ1	51.92	Before	Interior Girder 4	51.92	0.95	1	1	2.047525
Gravel Truck_str	BOBJ1	51.92	Before	Interior Girder 5	51.92	0.95	1	1	2.207324
Gravel Truck_str	BOBJ1	51.92	Before	Interior Girder 6	51.92	0.95	1	1	2.196535
Gravel Truck_str	BOBJ1	51.92	After	Interior Girder 1	51.92	0.95	1	1	2.762775
Gravel Truck_str	BOBJ1	51.92	After	Interior Girder 2	51.92	0.95	1	1	2.700023
Gravel Truck_str	BOBJ1	51.92	After	Interior Girder 3	51.92	0.95	1	1	2.536978
Gravel Truck_str	BOBJ1	51.92	After	Interior Girder 4	51.92	0.95	1	1	2.536978
Gravel Truck_str	BOBJ1	51.92	After	Interior Girder 5	51.92	0.95	1	1	2.700023
Gravel Truck_str	BOBJ1	51.92	After	Interior Girder 6	51.92	0.95	1	1	2.762775
Gravel Truck_str	BOBJ1	56.42	Before	Left Exterior Girder	56.42	0.95	1	1	2.745813
Gravel Truck_str	BOBJ1	56.42	Before	Interior Girder 1	56.42	0.95	1	1	1.959989
Gravel Truck_str	BOBJ1	56.42	Before	Interior Girder 2	56.42	0.95	1	1	1.869153
Gravel Truck_str	BOBJ1	56.42	Before	Interior Girder 3	56.42	0.95	1	1	1.502624
Gravel Truck_str	BOBJ1	56.42	Before	Interior Girder 4	56.42	0.95	1	1	1.502624
Gravel Truck_str	BOBJ1	56.42	Before	Interior Girder 5	56.42	0.95	1	1	1.869153
Gravel Truck_str	BOBJ1	56.42	Before	Interior Girder 6	56.42	0.95	1	1	1.959989
Gravel Truck_str	BOBJ1	56.42	Before	Right Exterior Girder	56.42	0.95	1	1	2.745813
Gravel Truck_str	BOBJ1	56.42	After	Left Exterior Girder	0	0.95	1	1	2.819908
Gravel Truck_str	BOBJ1	56.42	After	Interior Girder 1	0	0.95	1	1	1.955712
Gravel Truck_str	BOBJ1	56.42	After	Interior Girder 2	0	0.95	1	1	1.900882
Gravel Truck_str	BOBJ1	56.42	After	Interior Girder 3	0	0.95	1	1	1.558975
Gravel Truck_str	BOBJ1	56.42	After	Interior Girder 4	0	0.95	1	1	1.558975
Gravel Truck_str	BOBJ1	56.42	After	Interior Girder 5	0	0.95	1	1	1.900882
Gravel Truck_str	BOBJ1	56.42	After	Interior Girder 6	0	0.95	1	1	1.955712
Gravel Truck_str	BOBJ1	56.42	After	Right Exterior Girder	0	0.95	1	1	2.819908
Gravel Truck_str	BOBJ1	60.92	Before	Interior Girder 1	4.5	0.95	1	1	3.298685
Gravel Truck_str	BOBJ1	60.92	Before	Interior Girder 2	4.5	0.95	1	1	3.122666
Gravel Truck_str	BOBJ1	60.92	Before	Interior Girder 3	4.5	0.95	1	1	2.830808
Gravel Truck_str	BOBJ1	60.92	Before	Interior Girder 4	4.5	0.95	1	1	2.830808
Gravel Truck_str	BOBJ1	60.92	Before	Interior Girder 5	4.5	0.95	1	1	3.122666
Gravel Truck_str	BOBJ1	60.92	Before	Interior Girder 6	4.5	0.95	1	1	3.298685
Gravel Truck_str	BOBJ1	60.92	After	Interior Girder 1	4.5	0.95	1	1	2.642614
Gravel Truck_str	BOBJ1	60.92	After	Interior Girder 2	4.5	0.95	1	1	2.563341
Gravel Truck_str	BOBJ1	60.92	After	Interior Girder 3	4.5	0.95	1	1	2.296979
Gravel Truck_str	BOBJ1	60.92	After	Interior Girder 4	4.5	0.95	1	1	2.296979
Gravel Truck_str	BOBJ1	60.92	After	Interior Girder 5	4.5	0.95	1	1	2.563341
Gravel Truck_str	BOBJ1	60.92	After	Interior Girder 6	4.5	0.95	1	1	2.642614
Gravel Truck_str	BOBJ1	63.42	Before	Left Exterior Girder	7	0.95	1	1	5.479207
Gravel Truck_str	BOBJ1	63.42	Before	Right Exterior Girder	7	0.95	1	1	5.479207
Gravel Truck_str	BOBJ1	63.42	After	Left Exterior Girder	7	0.95	1	1	3.008513
Gravel Truck_str	BOBJ1	63.42	After	Right Exterior Girder	7	0.95	1	1	3.008513
Gravel Truck_str	BOBJ1	64.845	Before	Left Exterior Girder	8.425	0.95	1	1	3.392868
Gravel Truck_str	BOBJ1	64.845	Before	Interior Girder 1	8.425	0.95	1	1	3.404485
Gravel Truck_str	BOBJ1	64.845	Before	Interior Girder 2	8.425	0.95	1	1	3.273984
Gravel Truck_str	BOBJ1	64.845	Before	Interior Girder 3	8.425	0.95	1	1	3.157092
Gravel Truck_str	BOBJ1	64.845	Before	Interior Girder 4	8.425	0.95	1	1	3.157092
Gravel Truck_str	BOBJ1	64.845	Before	Interior Girder 5	8.425	0.95	1	1	3.273984

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelINonCompStrgth-Flx - Approach, Span 7-11									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Gravel Truck_str	BOBJ1	64.845	Before	Interior Girder 6	8.425	0.95	1	1	3.404485
Gravel Truck_str	BOBJ1	64.845	Before	Right Exterior Girder	8.425	0.95	1	1	3.392868
Gravel Truck_str	BOBJ1	64.845	After	Left Exterior Girder	8.425	0.95	1	1	3.353649
Gravel Truck_str	BOBJ1	64.845	After	Interior Girder 1	8.425	0.95	1	1	3.447097
Gravel Truck_str	BOBJ1	64.845	After	Interior Girder 2	8.425	0.95	1	1	3.311547
Gravel Truck_str	BOBJ1	64.845	After	Interior Girder 3	8.425	0.95	1	1	3.177705
Gravel Truck_str	BOBJ1	64.845	After	Interior Girder 4	8.425	0.95	1	1	3.177705
Gravel Truck_str	BOBJ1	64.845	After	Interior Girder 5	8.425	0.95	1	1	3.311547
Gravel Truck_str	BOBJ1	64.845	After	Interior Girder 6	8.425	0.95	1	1	3.447097
Gravel Truck_str	BOBJ1	64.845	After	Right Exterior Girder	8.425	0.95	1	1	3.353649
Gravel Truck_str	BOBJ1	69.92	Before	Left Exterior Girder	13.5	0.95	1	1	4.729992
Gravel Truck_str	BOBJ1	69.92	Before	Interior Girder 1	13.5	0.95	1	1	3.847818
Gravel Truck_str	BOBJ1	69.92	Before	Interior Girder 2	13.5	0.95	1	1	3.472734
Gravel Truck_str	BOBJ1	69.92	Before	Interior Girder 3	13.5	0.95	1	1	3.389896
Gravel Truck_str	BOBJ1	69.92	Before	Interior Girder 4	13.5	0.95	1	1	3.389896
Gravel Truck_str	BOBJ1	69.92	Before	Interior Girder 5	13.5	0.95	1	1	3.472734
Gravel Truck_str	BOBJ1	69.92	Before	Interior Girder 6	13.5	0.95	1	1	3.847818
Gravel Truck_str	BOBJ1	69.92	Before	Right Exterior Girder	13.5	0.95	1	1	4.729992
Gravel Truck_str	BOBJ1	69.92	After	Left Exterior Girder	13.5	0.95	1	1	4.043727
Gravel Truck_str	BOBJ1	69.92	After	Interior Girder 1	13.5	0.95	1	1	3.598397
Gravel Truck_str	BOBJ1	69.92	After	Interior Girder 2	13.5	0.95	1	1	3.269883
Gravel Truck_str	BOBJ1	69.92	After	Interior Girder 3	13.5	0.95	1	1	3.225714
Gravel Truck_str	BOBJ1	69.92	After	Interior Girder 4	13.5	0.95	1	1	3.225714
Gravel Truck_str	BOBJ1	69.92	After	Interior Girder 5	13.5	0.95	1	1	3.269883
Gravel Truck_str	BOBJ1	69.92	After	Interior Girder 6	13.5	0.95	1	1	3.598397
Gravel Truck_str	BOBJ1	69.92	After	Right Exterior Girder	13.5	0.95	1	1	4.043727
Gravel Truck_str	BOBJ1	73.27	Before	Left Exterior Girder	16.85	0.95	1	1	3.395273
Gravel Truck_str	BOBJ1	73.27	Before	Interior Girder 1	16.85	0.95	1	1	2.808409
Gravel Truck_str	BOBJ1	73.27	Before	Interior Girder 2	16.85	0.95	1	1	2.566935
Gravel Truck_str	BOBJ1	73.27	Before	Interior Girder 3	16.85	0.95	1	1	2.506028
Gravel Truck_str	BOBJ1	73.27	Before	Interior Girder 4	16.85	0.95	1	1	2.506028
Gravel Truck_str	BOBJ1	73.27	Before	Interior Girder 5	16.85	0.95	1	1	2.566935
Gravel Truck_str	BOBJ1	73.27	Before	Interior Girder 6	16.85	0.95	1	1	2.808409
Gravel Truck_str	BOBJ1	73.27	Before	Right Exterior Girder	16.85	0.95	1	1	3.395273
Gravel Truck_str	BOBJ1	73.27	After	Left Exterior Girder	16.85	0.95	1	1	3.477348
Gravel Truck_str	BOBJ1	73.27	After	Interior Girder 1	16.85	0.95	1	1	2.759357
Gravel Truck_str	BOBJ1	73.27	After	Interior Girder 2	16.85	0.95	1	1	2.551183
Gravel Truck_str	BOBJ1	73.27	After	Interior Girder 3	16.85	0.95	1	1	2.515767
Gravel Truck_str	BOBJ1	73.27	After	Interior Girder 4	16.85	0.95	1	1	2.515767
Gravel Truck_str	BOBJ1	73.27	After	Interior Girder 5	16.85	0.95	1	1	2.551183
Gravel Truck_str	BOBJ1	73.27	After	Interior Girder 6	16.85	0.95	1	1	2.759357
Gravel Truck_str	BOBJ1	73.27	After	Right Exterior Girder	16.85	0.95	1	1	3.477348
Gravel Truck_str	BOBJ1	81.695	Before	Left Exterior Girder	25.275	0.95	1	1	2.060007
Gravel Truck_str	BOBJ1	81.695	Before	Interior Girder 1	25.275	0.95	1	1	1.657639
Gravel Truck_str	BOBJ1	81.695	Before	Interior Girder 2	25.275	0.95	1	1	1.597299
Gravel Truck_str	BOBJ1	81.695	Before	Interior Girder 3	25.275	0.95	1	1	1.545139
Gravel Truck_str	BOBJ1	81.695	Before	Interior Girder 4	25.275	0.95	1	1	1.545139
Gravel Truck_str	BOBJ1	81.695	Before	Interior Girder 5	25.275	0.95	1	1	1.597299
Gravel Truck_str	BOBJ1	81.695	Before	Interior Girder 6	25.275	0.95	1	1	1.657639
Gravel Truck_str	BOBJ1	81.695	Before	Right Exterior Girder	25.275	0.95	1	1	2.060007
Gravel Truck_str	BOBJ1	81.695	After	Left Exterior Girder	25.275	0.95	1	1	2.093423
Gravel Truck_str	BOBJ1	81.695	After	Interior Girder 1	25.275	0.95	1	1	1.641564
Gravel Truck_str	BOBJ1	81.695	After	Interior Girder 2	25.275	0.95	1	1	1.594508
Gravel Truck_str	BOBJ1	81.695	After	Interior Girder 3	25.275	0.95	1	1	1.55828
Gravel Truck_str	BOBJ1	81.695	After	Interior Girder 4	25.275	0.95	1	1	1.55828
Gravel Truck_str	BOBJ1	81.695	After	Interior Girder 5	25.275	0.95	1	1	1.594508
Gravel Truck_str	BOBJ1	81.695	After	Interior Girder 6	25.275	0.95	1	1	1.641564
Gravel Truck_str	BOBJ1	81.695	After	Right Exterior Girder	25.275	0.95	1	1	2.093423
Gravel Truck_str	BOBJ1	90.12	Before	Left Exterior Girder	33.7	0.95	1	1	1.6449
Gravel Truck_str	BOBJ1	90.12	Before	Interior Girder 1	33.7	0.95	1	1	1.540377
Gravel Truck_str	BOBJ1	90.12	Before	Interior Girder 2	33.7	0.95	1	1	1.502194
Gravel Truck_str	BOBJ1	90.12	Before	Interior Girder 3	33.7	0.95	1	1	1.504565
Gravel Truck_str	BOBJ1	90.12	Before	Interior Girder 4	33.7	0.95	1	1	1.504565
Gravel Truck_str	BOBJ1	90.12	Before	Interior Girder 5	33.7	0.95	1	1	1.502194
Gravel Truck_str	BOBJ1	90.12	Before	Interior Girder 6	33.7	0.95	1	1	1.540377

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelINonCompStrgth-Flx - Approach, Span 7-11									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Gravel Truck_str	BOBJ1	90.12	Before	Right Exterior Girder	33.7	0.95	1	1	1.6449
Gravel Truck_str	BOBJ1	90.12	After	Left Exterior Girder	33.7	0.95	1	1	1.646611
Gravel Truck_str	BOBJ1	90.12	After	Interior Girder 1	33.7	0.95	1	1	1.540349
Gravel Truck_str	BOBJ1	90.12	After	Interior Girder 2	33.7	0.95	1	1	1.500641
Gravel Truck_str	BOBJ1	90.12	After	Interior Girder 3	33.7	0.95	1	1	1.50391
Gravel Truck_str	BOBJ1	90.12	After	Interior Girder 4	33.7	0.95	1	1	1.50391
Gravel Truck_str	BOBJ1	90.12	After	Interior Girder 5	33.7	0.95	1	1	1.500641
Gravel Truck_str	BOBJ1	90.12	After	Interior Girder 6	33.7	0.95	1	1	1.540349
Gravel Truck_str	BOBJ1	90.12	After	Right Exterior Girder	33.7	0.95	1	1	1.646611
Gravel Truck_str	BOBJ1	98.545	Before	Left Exterior Girder	42.125	0.95	1	1	2.034791
Gravel Truck_str	BOBJ1	98.545	Before	Interior Girder 1	42.125	0.95	1	1	1.620407
Gravel Truck_str	BOBJ1	98.545	Before	Interior Girder 2	42.125	0.95	1	1	1.580669
Gravel Truck_str	BOBJ1	98.545	Before	Interior Girder 3	42.125	0.95	1	1	1.547468
Gravel Truck_str	BOBJ1	98.545	Before	Interior Girder 4	42.125	0.95	1	1	1.547468
Gravel Truck_str	BOBJ1	98.545	Before	Interior Girder 5	42.125	0.95	1	1	1.580669
Gravel Truck_str	BOBJ1	98.545	Before	Interior Girder 6	42.125	0.95	1	1	1.620407
Gravel Truck_str	BOBJ1	98.545	Before	Right Exterior Girder	42.125	0.95	1	1	2.034791
Gravel Truck_str	BOBJ1	98.545	After	Left Exterior Girder	42.125	0.95	1	1	2.007697
Gravel Truck_str	BOBJ1	98.545	After	Interior Girder 1	42.125	0.95	1	1	1.634729
Gravel Truck_str	BOBJ1	98.545	After	Interior Girder 2	42.125	0.95	1	1	1.582433
Gravel Truck_str	BOBJ1	98.545	After	Interior Girder 3	42.125	0.95	1	1	1.534859
Gravel Truck_str	BOBJ1	98.545	After	Interior Girder 4	42.125	0.95	1	1	1.534859
Gravel Truck_str	BOBJ1	98.545	After	Interior Girder 5	42.125	0.95	1	1	1.582433
Gravel Truck_str	BOBJ1	98.545	After	Interior Girder 6	42.125	0.95	1	1	1.634729
Gravel Truck_str	BOBJ1	98.545	After	Right Exterior Girder	42.125	0.95	1	1	2.007697
Gravel Truck_str	BOBJ1	106.97	Before	Left Exterior Girder	50.55	0.95	1	1	3.269392
Gravel Truck_str	BOBJ1	106.97	Before	Interior Girder 1	50.55	0.95	1	1	2.659677
Gravel Truck_str	BOBJ1	106.97	Before	Interior Girder 2	50.55	0.95	1	1	2.488048
Gravel Truck_str	BOBJ1	106.97	Before	Interior Girder 3	50.55	0.95	1	1	2.453362
Gravel Truck_str	BOBJ1	106.97	Before	Interior Girder 4	50.55	0.95	1	1	2.453362
Gravel Truck_str	BOBJ1	106.97	Before	Interior Girder 5	50.55	0.95	1	1	2.488048
Gravel Truck_str	BOBJ1	106.97	Before	Interior Girder 6	50.55	0.95	1	1	2.659677
Gravel Truck_str	BOBJ1	106.97	Before	Right Exterior Girder	50.55	0.95	1	1	3.269392
Gravel Truck_str	BOBJ1	106.97	After	Left Exterior Girder	50.55	0.95	1	1	3.186516
Gravel Truck_str	BOBJ1	106.97	After	Interior Girder 1	50.55	0.95	1	1	2.705305
Gravel Truck_str	BOBJ1	106.97	After	Interior Girder 2	50.55	0.95	1	1	2.489096
Gravel Truck_str	BOBJ1	106.97	After	Interior Girder 3	50.55	0.95	1	1	2.415577
Gravel Truck_str	BOBJ1	106.97	After	Interior Girder 4	50.55	0.95	1	1	2.415577
Gravel Truck_str	BOBJ1	106.97	After	Interior Girder 5	50.55	0.95	1	1	2.489096
Gravel Truck_str	BOBJ1	106.97	After	Interior Girder 6	50.55	0.95	1	1	2.705305
Gravel Truck_str	BOBJ1	106.97	After	Right Exterior Girder	50.55	0.95	1	1	3.186516
Gravel Truck_str	BOBJ1	115.405	Before	Left Exterior Girder	58.985	0.95	1	1	2.525157
Gravel Truck_str	BOBJ1	115.405	Before	Interior Girder 1	58.985	0.95	1	1	2.850215
Gravel Truck_str	BOBJ1	115.405	Before	Interior Girder 2	58.985	0.95	1	1	2.839972
Gravel Truck_str	BOBJ1	115.405	Before	Interior Girder 3	58.985	0.95	1	1	2.752449
Gravel Truck_str	BOBJ1	115.405	Before	Interior Girder 4	58.985	0.95	1	1	2.752449
Gravel Truck_str	BOBJ1	115.405	Before	Interior Girder 5	58.985	0.95	1	1	2.839972
Gravel Truck_str	BOBJ1	115.405	Before	Interior Girder 6	58.985	0.95	1	1	2.850215
Gravel Truck_str	BOBJ1	115.405	Before	Right Exterior Girder	58.985	0.95	1	1	2.525157
Gravel Truck_str	BOBJ1	115.405	After	Left Exterior Girder	58.985	0.95	1	1	2.598123
Gravel Truck_str	BOBJ1	115.405	After	Interior Girder 1	58.985	0.95	1	1	2.788135
Gravel Truck_str	BOBJ1	115.405	After	Interior Girder 2	58.985	0.95	1	1	2.808629
Gravel Truck_str	BOBJ1	115.405	After	Interior Girder 3	58.985	0.95	1	1	2.745143
Gravel Truck_str	BOBJ1	115.405	After	Interior Girder 4	58.985	0.95	1	1	2.745143
Gravel Truck_str	BOBJ1	115.405	After	Interior Girder 5	58.985	0.95	1	1	2.808629
Gravel Truck_str	BOBJ1	115.405	After	Interior Girder 6	58.985	0.95	1	1	2.788135
Gravel Truck_str	BOBJ1	115.405	After	Right Exterior Girder	58.985	0.95	1	1	2.598123
Gravel Truck_str	BOBJ1	116.34	Before	Left Exterior Girder	59.92	0.95	1	1	2.348846
Gravel Truck_str	BOBJ1	116.34	Before	Right Exterior Girder	59.92	0.95	1	1	2.348846
Gravel Truck_str	BOBJ1	116.34	After	Left Exterior Girder	59.92	0.95	1	1	4.922131
Gravel Truck_str	BOBJ1	116.34	After	Right Exterior Girder	59.92	0.95	1	1	4.922131
Gravel Truck_str	BOBJ1	118.84	Before	Interior Girder 1	62.42	0.95	1	1	2.240873
Gravel Truck_str	BOBJ1	118.84	Before	Interior Girder 2	62.42	0.95	1	1	2.257272
Gravel Truck_str	BOBJ1	118.84	Before	Interior Girder 3	62.42	0.95	1	1	2.100506
Gravel Truck_str	BOBJ1	118.84	Before	Interior Girder 4	62.42	0.95	1	1	2.100506

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelINonCompStrgth-Flx - Approach, Span 7-11									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Gravel Truck_str	BOBJ1	118.84	Before	Interior Girder 5	62.42	0.95	1	1	2.257272
Gravel Truck_str	BOBJ1	118.84	Before	Interior Girder 6	62.42	0.95	1	1	2.240873
Gravel Truck_str	BOBJ1	118.84	After	Interior Girder 1	62.42	0.95	1	1	3.238351
Gravel Truck_str	BOBJ1	118.84	After	Interior Girder 2	62.42	0.95	1	1	3.163383
Gravel Truck_str	BOBJ1	118.84	After	Interior Girder 3	62.42	0.95	1	1	2.999668
Gravel Truck_str	BOBJ1	118.84	After	Interior Girder 4	62.42	0.95	1	1	2.999668
Gravel Truck_str	BOBJ1	118.84	After	Interior Girder 5	62.42	0.95	1	1	3.163383
Gravel Truck_str	BOBJ1	118.84	After	Interior Girder 6	62.42	0.95	1	1	3.238351
Gravel Truck_str	BOBJ1	123.84	Before	Left Exterior Girder	67.42	0.95	1	1	2.937645
Gravel Truck_str	BOBJ1	123.84	Before	Interior Girder 1	67.42	0.95	1	1	2.204233
Gravel Truck_str	BOBJ1	123.84	Before	Interior Girder 2	67.42	0.95	1	1	2.11742
Gravel Truck_str	BOBJ1	123.84	Before	Interior Girder 3	67.42	0.95	1	1	1.724502
Gravel Truck_str	BOBJ1	123.84	Before	Interior Girder 4	67.42	0.95	1	1	1.724502
Gravel Truck_str	BOBJ1	123.84	Before	Interior Girder 5	67.42	0.95	1	1	2.11742
Gravel Truck_str	BOBJ1	123.84	Before	Interior Girder 6	67.42	0.95	1	1	2.204233
Gravel Truck_str	BOBJ1	123.84	Before	Right Exterior Girder	67.42	0.95	1	1	2.937645
Gravel Truck_str	BOBJ1	123.84	After	Left Exterior Girder	0	0.95	1	1	2.911347
Gravel Truck_str	BOBJ1	123.84	After	Interior Girder 1	0	0.95	1	1	2.172115
Gravel Truck_str	BOBJ1	123.84	After	Interior Girder 2	0	0.95	1	1	2.108946
Gravel Truck_str	BOBJ1	123.84	After	Interior Girder 3	0	0.95	1	1	1.720103
Gravel Truck_str	BOBJ1	123.84	After	Interior Girder 4	0	0.95	1	1	1.720103
Gravel Truck_str	BOBJ1	123.84	After	Interior Girder 5	0	0.95	1	1	2.108946
Gravel Truck_str	BOBJ1	123.84	After	Interior Girder 6	0	0.95	1	1	2.172115
Gravel Truck_str	BOBJ1	123.84	After	Right Exterior Girder	0	0.95	1	1	2.911347
Gravel Truck_str	BOBJ1	128.84	Before	Interior Girder 1	5	0.95	1	1	3.311918
Gravel Truck_str	BOBJ1	128.84	Before	Interior Girder 2	5	0.95	1	1	3.222308
Gravel Truck_str	BOBJ1	128.84	Before	Interior Girder 3	5	0.95	1	1	3.039626
Gravel Truck_str	BOBJ1	128.84	Before	Interior Girder 4	5	0.95	1	1	3.039626
Gravel Truck_str	BOBJ1	128.84	Before	Interior Girder 5	5	0.95	1	1	3.222308
Gravel Truck_str	BOBJ1	128.84	Before	Interior Girder 6	5	0.95	1	1	3.311918
Gravel Truck_str	BOBJ1	128.84	After	Interior Girder 1	5	0.95	1	1	2.296475
Gravel Truck_str	BOBJ1	128.84	After	Interior Girder 2	5	0.95	1	1	2.301269
Gravel Truck_str	BOBJ1	128.84	After	Interior Girder 3	5	0.95	1	1	2.136564
Gravel Truck_str	BOBJ1	128.84	After	Interior Girder 4	5	0.95	1	1	2.136564
Gravel Truck_str	BOBJ1	128.84	After	Interior Girder 5	5	0.95	1	1	2.301269
Gravel Truck_str	BOBJ1	128.84	After	Interior Girder 6	5	0.95	1	1	2.296475
Gravel Truck_str	BOBJ1	131.34	Before	Left Exterior Girder	7.5	0.95	1	1	5.06598
Gravel Truck_str	BOBJ1	131.34	Before	Right Exterior Girder	7.5	0.95	1	1	5.06598
Gravel Truck_str	BOBJ1	131.34	After	Left Exterior Girder	7.5	0.95	1	1	2.420522
Gravel Truck_str	BOBJ1	131.34	After	Right Exterior Girder	7.5	0.95	1	1	2.420522
Gravel Truck_str	BOBJ1	132.265	Before	Left Exterior Girder	8.425	0.95	1	1	2.662933
Gravel Truck_str	BOBJ1	132.265	Before	Interior Girder 1	8.425	0.95	1	1	2.855034
Gravel Truck_str	BOBJ1	132.265	Before	Interior Girder 2	8.425	0.95	1	1	2.862063
Gravel Truck_str	BOBJ1	132.265	Before	Interior Girder 3	8.425	0.95	1	1	2.792359
Gravel Truck_str	BOBJ1	132.265	Before	Interior Girder 4	8.425	0.95	1	1	2.792359
Gravel Truck_str	BOBJ1	132.265	Before	Interior Girder 5	8.425	0.95	1	1	2.862063
Gravel Truck_str	BOBJ1	132.265	Before	Interior Girder 6	8.425	0.95	1	1	2.855034
Gravel Truck_str	BOBJ1	132.265	Before	Right Exterior Girder	8.425	0.95	1	1	2.662933
Gravel Truck_str	BOBJ1	132.265	After	Left Exterior Girder	8.425	0.95	1	1	2.588252
Gravel Truck_str	BOBJ1	132.265	After	Interior Girder 1	8.425	0.95	1	1	2.917776
Gravel Truck_str	BOBJ1	132.265	After	Interior Girder 2	8.425	0.95	1	1	2.894259
Gravel Truck_str	BOBJ1	132.265	After	Interior Girder 3	8.425	0.95	1	1	2.801169
Gravel Truck_str	BOBJ1	132.265	After	Interior Girder 4	8.425	0.95	1	1	2.801169
Gravel Truck_str	BOBJ1	132.265	After	Interior Girder 5	8.425	0.95	1	1	2.894259
Gravel Truck_str	BOBJ1	132.265	After	Interior Girder 6	8.425	0.95	1	1	2.917776
Gravel Truck_str	BOBJ1	132.265	After	Right Exterior Girder	8.425	0.95	1	1	2.588252
Gravel Truck_str	BOBJ1	140.69	Before	Left Exterior Girder	16.85	0.95	1	1	3.212847
Gravel Truck_str	BOBJ1	140.69	Before	Interior Girder 1	16.85	0.95	1	1	2.710319
Gravel Truck_str	BOBJ1	140.69	Before	Interior Girder 2	16.85	0.95	1	1	2.494282
Gravel Truck_str	BOBJ1	140.69	Before	Interior Girder 3	16.85	0.95	1	1	2.423541
Gravel Truck_str	BOBJ1	140.69	Before	Interior Girder 4	16.85	0.95	1	1	2.423541
Gravel Truck_str	BOBJ1	140.69	Before	Interior Girder 5	16.85	0.95	1	1	2.494282
Gravel Truck_str	BOBJ1	140.69	Before	Interior Girder 6	16.85	0.95	1	1	2.710319
Gravel Truck_str	BOBJ1	140.69	Before	Right Exterior Girder	16.85	0.95	1	1	3.212847
Gravel Truck_str	BOBJ1	140.69	After	Left Exterior Girder	16.85	0.95	1	1	3.29877

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelINonCompStrgth-Flx - Approach, Span 7-11									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Gravel Truck_str	BOBJ1	140.69	After	Interior Girder 1	16.85	0.95	1	1	2.66501
Gravel Truck_str	BOBJ1	140.69	After	Interior Girder 2	16.85	0.95	1	1	2.492724
Gravel Truck_str	BOBJ1	140.69	After	Interior Girder 3	16.85	0.95	1	1	2.4608
Gravel Truck_str	BOBJ1	140.69	After	Interior Girder 4	16.85	0.95	1	1	2.4608
Gravel Truck_str	BOBJ1	140.69	After	Interior Girder 5	16.85	0.95	1	1	2.492724
Gravel Truck_str	BOBJ1	140.69	After	Interior Girder 6	16.85	0.95	1	1	2.66501
Gravel Truck_str	BOBJ1	140.69	After	Right Exterior Girder	16.85	0.95	1	1	3.29877
Gravel Truck_str	BOBJ1	149.115	Before	Left Exterior Girder	25.275	0.95	1	1	1.99671
Gravel Truck_str	BOBJ1	149.115	Before	Interior Girder 1	25.275	0.95	1	1	1.623643
Gravel Truck_str	BOBJ1	149.115	Before	Interior Girder 2	25.275	0.95	1	1	1.575654
Gravel Truck_str	BOBJ1	149.115	Before	Interior Girder 3	25.275	0.95	1	1	1.532345
Gravel Truck_str	BOBJ1	149.115	Before	Interior Girder 4	25.275	0.95	1	1	1.532345
Gravel Truck_str	BOBJ1	149.115	Before	Interior Girder 5	25.275	0.95	1	1	1.575654
Gravel Truck_str	BOBJ1	149.115	Before	Interior Girder 6	25.275	0.95	1	1	1.623643
Gravel Truck_str	BOBJ1	149.115	Before	Right Exterior Girder	25.275	0.95	1	1	1.99671
Gravel Truck_str	BOBJ1	149.115	After	Left Exterior Girder	25.275	0.95	1	1	2.025349
Gravel Truck_str	BOBJ1	149.115	After	Interior Girder 1	25.275	0.95	1	1	1.609723
Gravel Truck_str	BOBJ1	149.115	After	Interior Girder 2	25.275	0.95	1	1	1.573303
Gravel Truck_str	BOBJ1	149.115	After	Interior Girder 3	25.275	0.95	1	1	1.544606
Gravel Truck_str	BOBJ1	149.115	After	Interior Girder 4	25.275	0.95	1	1	1.544606
Gravel Truck_str	BOBJ1	149.115	After	Interior Girder 5	25.275	0.95	1	1	1.573303
Gravel Truck_str	BOBJ1	149.115	After	Interior Girder 6	25.275	0.95	1	1	1.609723
Gravel Truck_str	BOBJ1	149.115	After	Right Exterior Girder	25.275	0.95	1	1	2.025349
Gravel Truck_str	BOBJ1	157.54	Before	Left Exterior Girder	33.7	0.95	1	1	1.618784
Gravel Truck_str	BOBJ1	157.54	Before	Interior Girder 1	33.7	0.95	1	1	1.517425
Gravel Truck_str	BOBJ1	157.54	Before	Interior Girder 2	33.7	0.95	1	1	1.486479
Gravel Truck_str	BOBJ1	157.54	Before	Interior Girder 3	33.7	0.95	1	1	1.495961
Gravel Truck_str	BOBJ1	157.54	Before	Interior Girder 4	33.7	0.95	1	1	1.495961
Gravel Truck_str	BOBJ1	157.54	Before	Interior Girder 5	33.7	0.95	1	1	1.486479
Gravel Truck_str	BOBJ1	157.54	Before	Interior Girder 6	33.7	0.95	1	1	1.517425
Gravel Truck_str	BOBJ1	157.54	Before	Right Exterior Girder	33.7	0.95	1	1	1.618784
Gravel Truck_str	BOBJ1	157.54	After	Left Exterior Girder	33.7	0.95	1	1	1.618933
Gravel Truck_str	BOBJ1	157.54	After	Interior Girder 1	33.7	0.95	1	1	1.517467
Gravel Truck_str	BOBJ1	157.54	After	Interior Girder 2	33.7	0.95	1	1	1.486435
Gravel Truck_str	BOBJ1	157.54	After	Interior Girder 3	33.7	0.95	1	1	1.496016
Gravel Truck_str	BOBJ1	157.54	After	Interior Girder 4	33.7	0.95	1	1	1.496016
Gravel Truck_str	BOBJ1	157.54	After	Interior Girder 5	33.7	0.95	1	1	1.486435
Gravel Truck_str	BOBJ1	157.54	After	Interior Girder 6	33.7	0.95	1	1	1.517467
Gravel Truck_str	BOBJ1	157.54	After	Right Exterior Girder	33.7	0.95	1	1	1.618933
Gravel Truck_str	BOBJ1	165.965	Before	Left Exterior Girder	42.125	0.95	1	1	2.023654
Gravel Truck_str	BOBJ1	165.965	Before	Interior Girder 1	42.125	0.95	1	1	1.609058
Gravel Truck_str	BOBJ1	165.965	Before	Interior Girder 2	42.125	0.95	1	1	1.572675
Gravel Truck_str	BOBJ1	165.965	Before	Interior Girder 3	42.125	0.95	1	1	1.543883
Gravel Truck_str	BOBJ1	165.965	Before	Interior Girder 4	42.125	0.95	1	1	1.543883
Gravel Truck_str	BOBJ1	165.965	Before	Interior Girder 5	42.125	0.95	1	1	1.572675
Gravel Truck_str	BOBJ1	165.965	Before	Interior Girder 6	42.125	0.95	1	1	1.609058
Gravel Truck_str	BOBJ1	165.965	Before	Right Exterior Girder	42.125	0.95	1	1	2.023654
Gravel Truck_str	BOBJ1	165.965	After	Left Exterior Girder	42.125	0.95	1	1	1.995244
Gravel Truck_str	BOBJ1	165.965	After	Interior Girder 1	42.125	0.95	1	1	1.622903
Gravel Truck_str	BOBJ1	165.965	After	Interior Girder 2	42.125	0.95	1	1	1.575008
Gravel Truck_str	BOBJ1	165.965	After	Interior Girder 3	42.125	0.95	1	1	1.531694
Gravel Truck_str	BOBJ1	165.965	After	Interior Girder 4	42.125	0.95	1	1	1.531694
Gravel Truck_str	BOBJ1	165.965	After	Interior Girder 5	42.125	0.95	1	1	1.575008
Gravel Truck_str	BOBJ1	165.965	After	Interior Girder 6	42.125	0.95	1	1	1.622903
Gravel Truck_str	BOBJ1	165.965	After	Right Exterior Girder	42.125	0.95	1	1	1.995244
Gravel Truck_str	BOBJ1	174.39	Before	Left Exterior Girder	50.55	0.95	1	1	3.292023
Gravel Truck_str	BOBJ1	174.39	Before	Interior Girder 1	50.55	0.95	1	1	2.661964
Gravel Truck_str	BOBJ1	174.39	Before	Interior Girder 2	50.55	0.95	1	1	2.490155
Gravel Truck_str	BOBJ1	174.39	Before	Interior Girder 3	50.55	0.95	1	1	2.457752
Gravel Truck_str	BOBJ1	174.39	Before	Interior Girder 4	50.55	0.95	1	1	2.457752
Gravel Truck_str	BOBJ1	174.39	Before	Interior Girder 5	50.55	0.95	1	1	2.490155
Gravel Truck_str	BOBJ1	174.39	Before	Interior Girder 6	50.55	0.95	1	1	2.661964
Gravel Truck_str	BOBJ1	174.39	Before	Right Exterior Girder	50.55	0.95	1	1	3.292023
Gravel Truck_str	BOBJ1	174.39	After	Left Exterior Girder	50.55	0.95	1	1	3.206433
Gravel Truck_str	BOBJ1	174.39	After	Interior Girder 1	50.55	0.95	1	1	2.707286

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelINonCompStrgth-Flx - Approach, Span 7-11									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Gravel Truck_str	BOBJ1	174.39	After	Interior Girder 2	50.55	0.95	1	1	2.491767
Gravel Truck_str	BOBJ1	174.39	After	Interior Girder 3	50.55	0.95	1	1	2.420623
Gravel Truck_str	BOBJ1	174.39	After	Interior Girder 4	50.55	0.95	1	1	2.420623
Gravel Truck_str	BOBJ1	174.39	After	Interior Girder 5	50.55	0.95	1	1	2.491767
Gravel Truck_str	BOBJ1	174.39	After	Interior Girder 6	50.55	0.95	1	1	2.707286
Gravel Truck_str	BOBJ1	174.39	After	Right Exterior Girder	50.55	0.95	1	1	3.206433
Gravel Truck_str	BOBJ1	182.825	Before	Left Exterior Girder	58.985	0.95	1	1	2.590055
Gravel Truck_str	BOBJ1	182.825	Before	Interior Girder 1	58.985	0.95	1	1	2.915208
Gravel Truck_str	BOBJ1	182.825	Before	Interior Girder 2	58.985	0.95	1	1	2.891386
Gravel Truck_str	BOBJ1	182.825	Before	Interior Girder 3	58.985	0.95	1	1	2.801884
Gravel Truck_str	BOBJ1	182.825	Before	Interior Girder 4	58.985	0.95	1	1	2.801884
Gravel Truck_str	BOBJ1	182.825	Before	Interior Girder 5	58.985	0.95	1	1	2.891386
Gravel Truck_str	BOBJ1	182.825	Before	Interior Girder 6	58.985	0.95	1	1	2.915208
Gravel Truck_str	BOBJ1	182.825	Before	Right Exterior Girder	58.985	0.95	1	1	2.590055
Gravel Truck_str	BOBJ1	182.825	After	Left Exterior Girder	58.985	0.95	1	1	2.664955
Gravel Truck_str	BOBJ1	182.825	After	Interior Girder 1	58.985	0.95	1	1	2.852487
Gravel Truck_str	BOBJ1	182.825	After	Interior Girder 2	58.985	0.95	1	1	2.859092
Gravel Truck_str	BOBJ1	182.825	After	Interior Girder 3	58.985	0.95	1	1	2.793345
Gravel Truck_str	BOBJ1	182.825	After	Interior Girder 4	58.985	0.95	1	1	2.793345
Gravel Truck_str	BOBJ1	182.825	After	Interior Girder 5	58.985	0.95	1	1	2.859092
Gravel Truck_str	BOBJ1	182.825	After	Interior Girder 6	58.985	0.95	1	1	2.852487
Gravel Truck_str	BOBJ1	182.825	After	Right Exterior Girder	58.985	0.95	1	1	2.664955
Gravel Truck_str	BOBJ1	183.76	Before	Left Exterior Girder	59.92	0.95	1	1	2.409523
Gravel Truck_str	BOBJ1	183.76	Before	Right Exterior Girder	59.92	0.95	1	1	2.409523
Gravel Truck_str	BOBJ1	183.76	After	Left Exterior Girder	59.92	0.95	1	1	5.04945
Gravel Truck_str	BOBJ1	183.76	After	Right Exterior Girder	59.92	0.95	1	1	5.04945
Gravel Truck_str	BOBJ1	186.26	Before	Interior Girder 1	62.42	0.95	1	1	2.291708
Gravel Truck_str	BOBJ1	186.26	Before	Interior Girder 2	62.42	0.95	1	1	2.296597
Gravel Truck_str	BOBJ1	186.26	Before	Interior Girder 3	62.42	0.95	1	1	2.135753
Gravel Truck_str	BOBJ1	186.26	Before	Interior Girder 4	62.42	0.95	1	1	2.135753
Gravel Truck_str	BOBJ1	186.26	Before	Interior Girder 5	62.42	0.95	1	1	2.296597
Gravel Truck_str	BOBJ1	186.26	Before	Interior Girder 6	62.42	0.95	1	1	2.291708
Gravel Truck_str	BOBJ1	186.26	After	Interior Girder 1	62.42	0.95	1	1	3.306341
Gravel Truck_str	BOBJ1	186.26	After	Interior Girder 2	62.42	0.95	1	1	3.216752
Gravel Truck_str	BOBJ1	186.26	After	Interior Girder 3	62.42	0.95	1	1	3.039419
Gravel Truck_str	BOBJ1	186.26	After	Interior Girder 4	62.42	0.95	1	1	3.039419
Gravel Truck_str	BOBJ1	186.26	After	Interior Girder 5	62.42	0.95	1	1	3.216752
Gravel Truck_str	BOBJ1	186.26	After	Interior Girder 6	62.42	0.95	1	1	3.306341
Gravel Truck_str	BOBJ1	191.26	Before	Left Exterior Girder	67.42	0.95	1	1	2.911163
Gravel Truck_str	BOBJ1	191.26	Before	Interior Girder 1	67.42	0.95	1	1	2.166437
Gravel Truck_str	BOBJ1	191.26	Before	Interior Girder 2	67.42	0.95	1	1	2.10254
Gravel Truck_str	BOBJ1	191.26	Before	Interior Girder 3	67.42	0.95	1	1	1.719127
Gravel Truck_str	BOBJ1	191.26	Before	Interior Girder 4	67.42	0.95	1	1	1.719127
Gravel Truck_str	BOBJ1	191.26	Before	Interior Girder 5	67.42	0.95	1	1	2.10254
Gravel Truck_str	BOBJ1	191.26	Before	Interior Girder 6	67.42	0.95	1	1	2.166437
Gravel Truck_str	BOBJ1	191.26	Before	Right Exterior Girder	67.42	0.95	1	1	2.911163
Gravel Truck_str	BOBJ1	191.26	After	Left Exterior Girder	0	0.95	1	1	2.933707
Gravel Truck_str	BOBJ1	191.26	After	Interior Girder 1	0	0.95	1	1	2.207006
Gravel Truck_str	BOBJ1	191.26	After	Interior Girder 2	0	0.95	1	1	2.121725
Gravel Truck_str	BOBJ1	191.26	After	Interior Girder 3	0	0.95	1	1	1.724056
Gravel Truck_str	BOBJ1	191.26	After	Interior Girder 4	0	0.95	1	1	1.724056
Gravel Truck_str	BOBJ1	191.26	After	Interior Girder 5	0	0.95	1	1	2.121725
Gravel Truck_str	BOBJ1	191.26	After	Interior Girder 6	0	0.95	1	1	2.207006
Gravel Truck_str	BOBJ1	191.26	After	Right Exterior Girder	0	0.95	1	1	2.933707
Gravel Truck_str	BOBJ1	196.26	Before	Interior Girder 1	5	0.95	1	1	3.240988
Gravel Truck_str	BOBJ1	196.26	Before	Interior Girder 2	5	0.95	1	1	3.166882
Gravel Truck_str	BOBJ1	196.26	Before	Interior Girder 3	5	0.95	1	1	2.998255
Gravel Truck_str	BOBJ1	196.26	Before	Interior Girder 4	5	0.95	1	1	2.998255
Gravel Truck_str	BOBJ1	196.26	Before	Interior Girder 5	5	0.95	1	1	3.166882
Gravel Truck_str	BOBJ1	196.26	Before	Interior Girder 6	5	0.95	1	1	3.240988
Gravel Truck_str	BOBJ1	196.26	After	Interior Girder 1	5	0.95	1	1	2.242706
Gravel Truck_str	BOBJ1	196.26	After	Interior Girder 2	5	0.95	1	1	2.259891
Gravel Truck_str	BOBJ1	196.26	After	Interior Girder 3	5	0.95	1	1	2.0996
Gravel Truck_str	BOBJ1	196.26	After	Interior Girder 4	5	0.95	1	1	2.0996
Gravel Truck_str	BOBJ1	196.26	After	Interior Girder 5	5	0.95	1	1	2.259891

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelINonCompStrgth-Flx - Approach, Span 7-11									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Gravel Truck_str	BOBJ1	196.26	After	Interior Girder 6	5	0.95	1	1	2.242706
Gravel Truck_str	BOBJ1	198.76	Before	Left Exterior Girder	7.5	0.95	1	1	4.934952
Gravel Truck_str	BOBJ1	198.76	Before	Right Exterior Girder	7.5	0.95	1	1	4.934952
Gravel Truck_str	BOBJ1	198.76	After	Left Exterior Girder	7.5	0.95	1	1	2.356205
Gravel Truck_str	BOBJ1	198.76	After	Right Exterior Girder	7.5	0.95	1	1	2.356205
Gravel Truck_str	BOBJ1	199.685	Before	Left Exterior Girder	8.425	0.95	1	1	2.592979
Gravel Truck_str	BOBJ1	199.685	Before	Interior Girder 1	8.425	0.95	1	1	2.788143
Gravel Truck_str	BOBJ1	199.685	Before	Interior Girder 2	8.425	0.95	1	1	2.80981
Gravel Truck_str	BOBJ1	199.685	Before	Interior Girder 3	8.425	0.95	1	1	2.742744
Gravel Truck_str	BOBJ1	199.685	Before	Interior Girder 4	8.425	0.95	1	1	2.742744
Gravel Truck_str	BOBJ1	199.685	Before	Interior Girder 5	8.425	0.95	1	1	2.80981
Gravel Truck_str	BOBJ1	199.685	Before	Interior Girder 6	8.425	0.95	1	1	2.788143
Gravel Truck_str	BOBJ1	199.685	Before	Right Exterior Girder	8.425	0.95	1	1	2.592979
Gravel Truck_str	BOBJ1	199.685	After	Left Exterior Girder	8.425	0.95	1	1	2.520042
Gravel Truck_str	BOBJ1	199.685	After	Interior Girder 1	8.425	0.95	1	1	2.850292
Gravel Truck_str	BOBJ1	199.685	After	Interior Girder 2	8.425	0.95	1	1	2.841099
Gravel Truck_str	BOBJ1	199.685	After	Interior Girder 3	8.425	0.95	1	1	2.750374
Gravel Truck_str	BOBJ1	199.685	After	Interior Girder 4	8.425	0.95	1	1	2.750374
Gravel Truck_str	BOBJ1	199.685	After	Interior Girder 5	8.425	0.95	1	1	2.841099
Gravel Truck_str	BOBJ1	199.685	After	Interior Girder 6	8.425	0.95	1	1	2.850292
Gravel Truck_str	BOBJ1	199.685	After	Right Exterior Girder	8.425	0.95	1	1	2.520042
Gravel Truck_str	BOBJ1	208.11	Before	Left Exterior Girder	16.85	0.95	1	1	3.193852
Gravel Truck_str	BOBJ1	208.11	Before	Interior Girder 1	16.85	0.95	1	1	2.70891
Gravel Truck_str	BOBJ1	208.11	Before	Interior Girder 2	16.85	0.95	1	1	2.491978
Gravel Truck_str	BOBJ1	208.11	Before	Interior Girder 3	16.85	0.95	1	1	2.418772
Gravel Truck_str	BOBJ1	208.11	Before	Interior Girder 4	16.85	0.95	1	1	2.418772
Gravel Truck_str	BOBJ1	208.11	Before	Interior Girder 5	16.85	0.95	1	1	2.491978
Gravel Truck_str	BOBJ1	208.11	Before	Interior Girder 6	16.85	0.95	1	1	2.70891
Gravel Truck_str	BOBJ1	208.11	Before	Right Exterior Girder	16.85	0.95	1	1	3.193852
Gravel Truck_str	BOBJ1	208.11	After	Left Exterior Girder	16.85	0.95	1	1	3.277274
Gravel Truck_str	BOBJ1	208.11	After	Interior Girder 1	16.85	0.95	1	1	2.663271
Gravel Truck_str	BOBJ1	208.11	After	Interior Girder 2	16.85	0.95	1	1	2.490918
Gravel Truck_str	BOBJ1	208.11	After	Interior Girder 3	16.85	0.95	1	1	2.456606
Gravel Truck_str	BOBJ1	208.11	After	Interior Girder 4	16.85	0.95	1	1	2.456606
Gravel Truck_str	BOBJ1	208.11	After	Interior Girder 5	16.85	0.95	1	1	2.490918
Gravel Truck_str	BOBJ1	208.11	After	Interior Girder 6	16.85	0.95	1	1	2.663271
Gravel Truck_str	BOBJ1	208.11	After	Right Exterior Girder	16.85	0.95	1	1	3.277274
Gravel Truck_str	BOBJ1	216.535	Before	Left Exterior Girder	25.275	0.95	1	1	2.008632
Gravel Truck_str	BOBJ1	216.535	Before	Interior Girder 1	25.275	0.95	1	1	1.635076
Gravel Truck_str	BOBJ1	216.535	Before	Interior Girder 2	25.275	0.95	1	1	1.582795
Gravel Truck_str	BOBJ1	216.535	Before	Interior Girder 3	25.275	0.95	1	1	1.535296
Gravel Truck_str	BOBJ1	216.535	Before	Interior Girder 4	25.275	0.95	1	1	1.535296
Gravel Truck_str	BOBJ1	216.535	Before	Interior Girder 5	25.275	0.95	1	1	1.582795
Gravel Truck_str	BOBJ1	216.535	Before	Interior Girder 6	25.275	0.95	1	1	1.635076
Gravel Truck_str	BOBJ1	216.535	Before	Right Exterior Girder	25.275	0.95	1	1	2.008632
Gravel Truck_str	BOBJ1	216.535	After	Left Exterior Girder	25.275	0.95	1	1	2.036171
Gravel Truck_str	BOBJ1	216.535	After	Interior Girder 1	25.275	0.95	1	1	1.620664
Gravel Truck_str	BOBJ1	216.535	After	Interior Girder 2	25.275	0.95	1	1	1.580947
Gravel Truck_str	BOBJ1	216.535	After	Interior Girder 3	25.275	0.95	1	1	1.547895
Gravel Truck_str	BOBJ1	216.535	After	Interior Girder 4	25.275	0.95	1	1	1.547895
Gravel Truck_str	BOBJ1	216.535	After	Interior Girder 5	25.275	0.95	1	1	1.580947
Gravel Truck_str	BOBJ1	216.535	After	Interior Girder 6	25.275	0.95	1	1	1.620664
Gravel Truck_str	BOBJ1	216.535	After	Right Exterior Girder	25.275	0.95	1	1	2.036171
Gravel Truck_str	BOBJ1	224.96	Before	Left Exterior Girder	33.7	0.95	1	1	1.64494
Gravel Truck_str	BOBJ1	224.96	Before	Interior Girder 1	33.7	0.95	1	1	1.539148
Gravel Truck_str	BOBJ1	224.96	Before	Interior Girder 2	33.7	0.95	1	1	1.499829
Gravel Truck_str	BOBJ1	224.96	Before	Interior Girder 3	33.7	0.95	1	1	1.503184
Gravel Truck_str	BOBJ1	224.96	Before	Interior Girder 4	33.7	0.95	1	1	1.503184
Gravel Truck_str	BOBJ1	224.96	Before	Interior Girder 5	33.7	0.95	1	1	1.499829
Gravel Truck_str	BOBJ1	224.96	Before	Interior Girder 6	33.7	0.95	1	1	1.539148
Gravel Truck_str	BOBJ1	224.96	Before	Right Exterior Girder	33.7	0.95	1	1	1.64494
Gravel Truck_str	BOBJ1	224.96	After	Left Exterior Girder	33.7	0.95	1	1	1.643726
Gravel Truck_str	BOBJ1	224.96	After	Interior Girder 1	33.7	0.95	1	1	1.539176
Gravel Truck_str	BOBJ1	224.96	After	Interior Girder 2	33.7	0.95	1	1	1.501221
Gravel Truck_str	BOBJ1	224.96	After	Interior Girder 3	33.7	0.95	1	1	1.503866

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelINonCompStrgth-Flx - Approach, Span 7-11									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Gravel Truck_str	BOBJ1	224.96	After	Interior Girder 4	33.7	0.95	1	1	1.503866
Gravel Truck_str	BOBJ1	224.96	After	Interior Girder 5	33.7	0.95	1	1	1.501221
Gravel Truck_str	BOBJ1	224.96	After	Interior Girder 6	33.7	0.95	1	1	1.539176
Gravel Truck_str	BOBJ1	224.96	After	Right Exterior Girder	33.7	0.95	1	1	1.643726
Gravel Truck_str	BOBJ1	233.385	Before	Left Exterior Girder	42.125	0.95	1	1	2.088317
Gravel Truck_str	BOBJ1	233.385	Before	Interior Girder 1	42.125	0.95	1	1	1.63887
Gravel Truck_str	BOBJ1	233.385	Before	Interior Girder 2	42.125	0.95	1	1	1.592523
Gravel Truck_str	BOBJ1	233.385	Before	Interior Girder 3	42.125	0.95	1	1	1.556507
Gravel Truck_str	BOBJ1	233.385	Before	Interior Girder 4	42.125	0.95	1	1	1.556507
Gravel Truck_str	BOBJ1	233.385	Before	Interior Girder 5	42.125	0.95	1	1	1.592523
Gravel Truck_str	BOBJ1	233.385	Before	Interior Girder 6	42.125	0.95	1	1	1.63887
Gravel Truck_str	BOBJ1	233.385	Before	Right Exterior Girder	42.125	0.95	1	1	2.088317
Gravel Truck_str	BOBJ1	233.385	After	Left Exterior Girder	42.125	0.95	1	1	2.055418
Gravel Truck_str	BOBJ1	233.385	After	Interior Girder 1	42.125	0.95	1	1	1.654805
Gravel Truck_str	BOBJ1	233.385	After	Interior Girder 2	42.125	0.95	1	1	1.595217
Gravel Truck_str	BOBJ1	233.385	After	Interior Girder 3	42.125	0.95	1	1	1.543393
Gravel Truck_str	BOBJ1	233.385	After	Interior Girder 4	42.125	0.95	1	1	1.543393
Gravel Truck_str	BOBJ1	233.385	After	Interior Girder 5	42.125	0.95	1	1	1.595217
Gravel Truck_str	BOBJ1	233.385	After	Interior Girder 6	42.125	0.95	1	1	1.654805
Gravel Truck_str	BOBJ1	233.385	After	Right Exterior Girder	42.125	0.95	1	1	2.055418
Gravel Truck_str	BOBJ1	241.81	Before	Left Exterior Girder	50.55	0.95	1	1	3.463351
Gravel Truck_str	BOBJ1	241.81	Before	Interior Girder 1	50.55	0.95	1	1	2.752248
Gravel Truck_str	BOBJ1	241.81	Before	Interior Girder 2	50.55	0.95	1	1	2.546171
Gravel Truck_str	BOBJ1	241.81	Before	Interior Girder 3	50.55	0.95	1	1	2.510873
Gravel Truck_str	BOBJ1	241.81	Before	Interior Girder 4	50.55	0.95	1	1	2.510873
Gravel Truck_str	BOBJ1	241.81	Before	Interior Girder 5	50.55	0.95	1	1	2.546171
Gravel Truck_str	BOBJ1	241.81	Before	Interior Girder 6	50.55	0.95	1	1	2.752248
Gravel Truck_str	BOBJ1	241.81	Before	Right Exterior Girder	50.55	0.95	1	1	3.463351
Gravel Truck_str	BOBJ1	241.81	After	Left Exterior Girder	50.55	0.95	1	1	3.382045
Gravel Truck_str	BOBJ1	241.81	After	Interior Girder 1	50.55	0.95	1	1	2.801015
Gravel Truck_str	BOBJ1	241.81	After	Interior Girder 2	50.55	0.95	1	1	2.561764
Gravel Truck_str	BOBJ1	241.81	After	Interior Girder 3	50.55	0.95	1	1	2.501102
Gravel Truck_str	BOBJ1	241.81	After	Interior Girder 4	50.55	0.95	1	1	2.501102
Gravel Truck_str	BOBJ1	241.81	After	Interior Girder 5	50.55	0.95	1	1	2.561764
Gravel Truck_str	BOBJ1	241.81	After	Interior Girder 6	50.55	0.95	1	1	2.801015
Gravel Truck_str	BOBJ1	241.81	After	Right Exterior Girder	50.55	0.95	1	1	3.382045
Gravel Truck_str	BOBJ1	245.18	Before	Left Exterior Girder	53.92	0.95	1	1	4.053156
Gravel Truck_str	BOBJ1	245.18	Before	Interior Girder 1	53.92	0.95	1	1	3.594494
Gravel Truck_str	BOBJ1	245.18	Before	Interior Girder 2	53.92	0.95	1	1	3.268548
Gravel Truck_str	BOBJ1	245.18	Before	Interior Girder 3	53.92	0.95	1	1	3.223472
Gravel Truck_str	BOBJ1	245.18	Before	Interior Girder 4	53.92	0.95	1	1	3.223472
Gravel Truck_str	BOBJ1	245.18	Before	Interior Girder 5	53.92	0.95	1	1	3.268548
Gravel Truck_str	BOBJ1	245.18	Before	Interior Girder 6	53.92	0.95	1	1	3.594494
Gravel Truck_str	BOBJ1	245.18	Before	Right Exterior Girder	53.92	0.95	1	1	4.053156
Gravel Truck_str	BOBJ1	245.18	After	Left Exterior Girder	53.92	0.95	1	1	4.739518
Gravel Truck_str	BOBJ1	245.18	After	Interior Girder 1	53.92	0.95	1	1	3.844014
Gravel Truck_str	BOBJ1	245.18	After	Interior Girder 2	53.92	0.95	1	1	3.471495
Gravel Truck_str	BOBJ1	245.18	After	Interior Girder 3	53.92	0.95	1	1	3.387769
Gravel Truck_str	BOBJ1	245.18	After	Interior Girder 4	53.92	0.95	1	1	3.387769
Gravel Truck_str	BOBJ1	245.18	After	Interior Girder 5	53.92	0.95	1	1	3.471495
Gravel Truck_str	BOBJ1	245.18	After	Interior Girder 6	53.92	0.95	1	1	3.844014
Gravel Truck_str	BOBJ1	245.18	After	Right Exterior Girder	53.92	0.95	1	1	4.739518
Gravel Truck_str	BOBJ1	250.245	Before	Left Exterior Girder	58.985	0.95	1	1	3.367356
Gravel Truck_str	BOBJ1	250.245	Before	Interior Girder 1	58.985	0.95	1	1	3.451254
Gravel Truck_str	BOBJ1	250.245	Before	Interior Girder 2	58.985	0.95	1	1	3.312262
Gravel Truck_str	BOBJ1	250.245	Before	Interior Girder 3	58.985	0.95	1	1	3.181656
Gravel Truck_str	BOBJ1	250.245	Before	Interior Girder 4	58.985	0.95	1	1	3.181656
Gravel Truck_str	BOBJ1	250.245	Before	Interior Girder 5	58.985	0.95	1	1	3.312262
Gravel Truck_str	BOBJ1	250.245	Before	Interior Girder 6	58.985	0.95	1	1	3.451254
Gravel Truck_str	BOBJ1	250.245	Before	Right Exterior Girder	58.985	0.95	1	1	3.367356
Gravel Truck_str	BOBJ1	250.245	After	Left Exterior Girder	58.985	0.95	1	1	3.406186
Gravel Truck_str	BOBJ1	250.245	After	Interior Girder 1	58.985	0.95	1	1	3.408911
Gravel Truck_str	BOBJ1	250.245	After	Interior Girder 2	58.985	0.95	1	1	3.274711
Gravel Truck_str	BOBJ1	250.245	After	Interior Girder 3	58.985	0.95	1	1	3.161487
Gravel Truck_str	BOBJ1	250.245	After	Interior Girder 4	58.985	0.95	1	1	3.161487

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelINonCompStrgth-Flx - Approach, Span 7-11									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Gravel Truck_str	BOBJ1	250.245	After	Interior Girder 5	58.985	0.95	1	1	3.274711
Gravel Truck_str	BOBJ1	250.245	After	Interior Girder 6	58.985	0.95	1	1	3.408911
Gravel Truck_str	BOBJ1	250.245	After	Right Exterior Girder	58.985	0.95	1	1	3.406186
Gravel Truck_str	BOBJ1	251.68	Before	Left Exterior Girder	60.42	0.95	1	1	3.019479
Gravel Truck_str	BOBJ1	251.68	Before	Right Exterior Girder	60.42	0.95	1	1	3.019479
Gravel Truck_str	BOBJ1	251.68	After	Left Exterior Girder	60.42	0.95	1	1	5.490235
Gravel Truck_str	BOBJ1	251.68	After	Right Exterior Girder	60.42	0.95	1	1	5.490235
Gravel Truck_str	BOBJ1	254.18	Before	Interior Girder 1	62.92	0.95	1	1	2.644364
Gravel Truck_str	BOBJ1	254.18	Before	Interior Girder 2	62.92	0.95	1	1	2.562108
Gravel Truck_str	BOBJ1	254.18	Before	Interior Girder 3	62.92	0.95	1	1	2.299324
Gravel Truck_str	BOBJ1	254.18	Before	Interior Girder 4	62.92	0.95	1	1	2.299324
Gravel Truck_str	BOBJ1	254.18	Before	Interior Girder 5	62.92	0.95	1	1	2.562108
Gravel Truck_str	BOBJ1	254.18	Before	Interior Girder 6	62.92	0.95	1	1	2.644364
Gravel Truck_str	BOBJ1	254.18	After	Interior Girder 1	62.92	0.95	1	1	3.300073
Gravel Truck_str	BOBJ1	254.18	After	Interior Girder 2	62.92	0.95	1	1	3.12082
Gravel Truck_str	BOBJ1	254.18	After	Interior Girder 3	62.92	0.95	1	1	2.833572
Gravel Truck_str	BOBJ1	254.18	After	Interior Girder 4	62.92	0.95	1	1	2.833572
Gravel Truck_str	BOBJ1	254.18	After	Interior Girder 5	62.92	0.95	1	1	3.12082
Gravel Truck_str	BOBJ1	254.18	After	Interior Girder 6	62.92	0.95	1	1	3.300073
Gravel Truck_str	BOBJ1	258.68	Before	Left Exterior Girder	67.42	0.95	1	1	2.830704
Gravel Truck_str	BOBJ1	258.68	Before	Interior Girder 1	67.42	0.95	1	1	1.956469
Gravel Truck_str	BOBJ1	258.68	Before	Interior Girder 2	67.42	0.95	1	1	1.898547
Gravel Truck_str	BOBJ1	258.68	Before	Interior Girder 3	67.42	0.95	1	1	1.560419
Gravel Truck_str	BOBJ1	258.68	Before	Interior Girder 4	67.42	0.95	1	1	1.560419
Gravel Truck_str	BOBJ1	258.68	Before	Interior Girder 5	67.42	0.95	1	1	1.898547
Gravel Truck_str	BOBJ1	258.68	Before	Interior Girder 6	67.42	0.95	1	1	1.956469
Gravel Truck_str	BOBJ1	258.68	Before	Right Exterior Girder	67.42	0.95	1	1	2.830704
Gravel Truck_str	BOBJ1	258.68	After	Left Exterior Girder	0	0.95	1	1	2.753449
Gravel Truck_str	BOBJ1	258.68	After	Interior Girder 1	0	0.95	1	1	1.968524
Gravel Truck_str	BOBJ1	258.68	After	Interior Girder 2	0	0.95	1	1	1.875787
Gravel Truck_str	BOBJ1	258.68	After	Interior Girder 3	0	0.95	1	1	1.504376
Gravel Truck_str	BOBJ1	258.68	After	Interior Girder 4	0	0.95	1	1	1.504376
Gravel Truck_str	BOBJ1	258.68	After	Interior Girder 5	0	0.95	1	1	1.875787
Gravel Truck_str	BOBJ1	258.68	After	Interior Girder 6	0	0.95	1	1	1.968524
Gravel Truck_str	BOBJ1	258.68	After	Right Exterior Girder	0	0.95	1	1	2.753449
Gravel Truck_str	BOBJ1	263.18	Before	Interior Girder 1	4.5	0.95	1	1	2.768643
Gravel Truck_str	BOBJ1	263.18	Before	Interior Girder 2	4.5	0.95	1	1	2.704999
Gravel Truck_str	BOBJ1	263.18	Before	Interior Girder 3	4.5	0.95	1	1	2.537396
Gravel Truck_str	BOBJ1	263.18	Before	Interior Girder 4	4.5	0.95	1	1	2.537396
Gravel Truck_str	BOBJ1	263.18	Before	Interior Girder 5	4.5	0.95	1	1	2.704999
Gravel Truck_str	BOBJ1	263.18	Before	Interior Girder 6	4.5	0.95	1	1	2.768643
Gravel Truck_str	BOBJ1	263.18	After	Interior Girder 1	4.5	0.95	1	1	2.202132
Gravel Truck_str	BOBJ1	263.18	After	Interior Girder 2	4.5	0.95	1	1	2.211729
Gravel Truck_str	BOBJ1	263.18	After	Interior Girder 3	4.5	0.95	1	1	2.048173
Gravel Truck_str	BOBJ1	263.18	After	Interior Girder 4	4.5	0.95	1	1	2.048173
Gravel Truck_str	BOBJ1	263.18	After	Interior Girder 5	4.5	0.95	1	1	2.211729
Gravel Truck_str	BOBJ1	263.18	After	Interior Girder 6	4.5	0.95	1	1	2.202132
Gravel Truck_str	BOBJ1	265.68	Before	Left Exterior Girder	7	0.95	1	1	4.402616
Gravel Truck_str	BOBJ1	265.68	Before	Right Exterior Girder	7	0.95	1	1	4.402616
Gravel Truck_str	BOBJ1	265.68	After	Left Exterior Girder	7	0.95	1	1	2.42895
Gravel Truck_str	BOBJ1	265.68	After	Right Exterior Girder	7	0.95	1	1	2.42895
Gravel Truck_str	BOBJ1	268.08	Before	Left Exterior Girder	9.4	0.95	1	1	2.987944
Gravel Truck_str	BOBJ1	268.08	Before	Interior Girder 1	9.4	0.95	1	1	3.007533
Gravel Truck_str	BOBJ1	268.08	Before	Interior Girder 2	9.4	0.95	1	1	3.003795
Gravel Truck_str	BOBJ1	268.08	Before	Interior Girder 3	9.4	0.95	1	1	2.957748
Gravel Truck_str	BOBJ1	268.08	Before	Interior Girder 4	9.4	0.95	1	1	2.957748
Gravel Truck_str	BOBJ1	268.08	Before	Interior Girder 5	9.4	0.95	1	1	3.003795
Gravel Truck_str	BOBJ1	268.08	Before	Interior Girder 6	9.4	0.95	1	1	3.007533
Gravel Truck_str	BOBJ1	268.08	Before	Right Exterior Girder	9.4	0.95	1	1	2.987944
Gravel Truck_str	BOBJ1	268.08	After	Left Exterior Girder	9.4	0.95	1	1	2.914667
Gravel Truck_str	BOBJ1	268.08	After	Interior Girder 1	9.4	0.95	1	1	3.067322
Gravel Truck_str	BOBJ1	268.08	After	Interior Girder 2	9.4	0.95	1	1	3.043626
Gravel Truck_str	BOBJ1	268.08	After	Interior Girder 3	9.4	0.95	1	1	2.968202
Gravel Truck_str	BOBJ1	268.08	After	Interior Girder 4	9.4	0.95	1	1	2.968202
Gravel Truck_str	BOBJ1	268.08	After	Interior Girder 5	9.4	0.95	1	1	3.043626

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelINonCompStrgth-Flx - Approach, Span 7-11									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Gravel Truck_str	BOBJ1	268.08	After	Interior Girder 6	9.4	0.95	1	1	3.067322
Gravel Truck_str	BOBJ1	268.08	After	Right Exterior Girder	9.4	0.95	1	1	2.914667
Gravel Truck_str	BOBJ1	277.48	Before	Left Exterior Girder	18.8	0.95	1	1	2.780619
Gravel Truck_str	BOBJ1	277.48	Before	Interior Girder 1	18.8	0.95	1	1	2.36271
Gravel Truck_str	BOBJ1	277.48	Before	Interior Girder 2	18.8	0.95	1	1	2.17385
Gravel Truck_str	BOBJ1	277.48	Before	Interior Girder 3	18.8	0.95	1	1	2.112348
Gravel Truck_str	BOBJ1	277.48	Before	Interior Girder 4	18.8	0.95	1	1	2.112348
Gravel Truck_str	BOBJ1	277.48	Before	Interior Girder 5	18.8	0.95	1	1	2.17385
Gravel Truck_str	BOBJ1	277.48	Before	Interior Girder 6	18.8	0.95	1	1	2.36271
Gravel Truck_str	BOBJ1	277.48	Before	Right Exterior Girder	18.8	0.95	1	1	2.780619
Gravel Truck_str	BOBJ1	277.48	After	Left Exterior Girder	18.8	0.95	1	1	2.84232
Gravel Truck_str	BOBJ1	277.48	After	Interior Girder 1	18.8	0.95	1	1	2.321462
Gravel Truck_str	BOBJ1	277.48	After	Interior Girder 2	18.8	0.95	1	1	2.175765
Gravel Truck_str	BOBJ1	277.48	After	Interior Girder 3	18.8	0.95	1	1	2.139435
Gravel Truck_str	BOBJ1	277.48	After	Interior Girder 4	18.8	0.95	1	1	2.139435
Gravel Truck_str	BOBJ1	277.48	After	Interior Girder 5	18.8	0.95	1	1	2.175765
Gravel Truck_str	BOBJ1	277.48	After	Interior Girder 6	18.8	0.95	1	1	2.321462
Gravel Truck_str	BOBJ1	277.48	After	Right Exterior Girder	18.8	0.95	1	1	2.84232
Gravel Truck_str	BOBJ1	286.88	Before	Left Exterior Girder	28.2	0.95	1	1	1.954982
Gravel Truck_str	BOBJ1	286.88	Before	Interior Girder 1	28.2	0.95	1	1	1.503872
Gravel Truck_str	BOBJ1	286.88	Before	Interior Girder 2	28.2	0.95	1	1	1.448697
Gravel Truck_str	BOBJ1	286.88	Before	Interior Girder 3	28.2	0.95	1	1	1.394613
Gravel Truck_str	BOBJ1	286.88	Before	Interior Girder 4	28.2	0.95	1	1	1.394613
Gravel Truck_str	BOBJ1	286.88	Before	Interior Girder 5	28.2	0.95	1	1	1.448697
Gravel Truck_str	BOBJ1	286.88	Before	Interior Girder 6	28.2	0.95	1	1	1.503872
Gravel Truck_str	BOBJ1	286.88	Before	Right Exterior Girder	28.2	0.95	1	1	1.954982
Gravel Truck_str	BOBJ1	286.88	After	Left Exterior Girder	28.2	0.95	1	1	1.966143
Gravel Truck_str	BOBJ1	286.88	After	Interior Girder 1	28.2	0.95	1	1	1.498097
Gravel Truck_str	BOBJ1	286.88	After	Interior Girder 2	28.2	0.95	1	1	1.450806
Gravel Truck_str	BOBJ1	286.88	After	Interior Girder 3	28.2	0.95	1	1	1.401397
Gravel Truck_str	BOBJ1	286.88	After	Interior Girder 4	28.2	0.95	1	1	1.401397
Gravel Truck_str	BOBJ1	286.88	After	Interior Girder 5	28.2	0.95	1	1	1.450806
Gravel Truck_str	BOBJ1	286.88	After	Interior Girder 6	28.2	0.95	1	1	1.498097
Gravel Truck_str	BOBJ1	286.88	After	Right Exterior Girder	28.2	0.95	1	1	1.966143
Gravel Truck_str	BOBJ1	296.28	Before	Left Exterior Girder	37.6	0.95	1	1	1.796395
Gravel Truck_str	BOBJ1	296.28	Before	Interior Girder 1	37.6	0.95	1	1	1.566929
Gravel Truck_str	BOBJ1	296.28	Before	Interior Girder 2	37.6	0.95	1	1	1.501868
Gravel Truck_str	BOBJ1	296.28	Before	Interior Girder 3	37.6	0.95	1	1	1.487339
Gravel Truck_str	BOBJ1	296.28	Before	Interior Girder 4	37.6	0.95	1	1	1.487339
Gravel Truck_str	BOBJ1	296.28	Before	Interior Girder 5	37.6	0.95	1	1	1.501868
Gravel Truck_str	BOBJ1	296.28	Before	Interior Girder 6	37.6	0.95	1	1	1.566929
Gravel Truck_str	BOBJ1	296.28	Before	Right Exterior Girder	37.6	0.95	1	1	1.796395
Gravel Truck_str	BOBJ1	296.28	After	Left Exterior Girder	37.6	0.95	1	1	1.774613
Gravel Truck_str	BOBJ1	296.28	After	Interior Girder 1	37.6	0.95	1	1	1.58291
Gravel Truck_str	BOBJ1	296.28	After	Interior Girder 2	37.6	0.95	1	1	1.499582
Gravel Truck_str	BOBJ1	296.28	After	Interior Girder 3	37.6	0.95	1	1	1.476483
Gravel Truck_str	BOBJ1	296.28	After	Interior Girder 4	37.6	0.95	1	1	1.476483
Gravel Truck_str	BOBJ1	296.28	After	Interior Girder 5	37.6	0.95	1	1	1.499582
Gravel Truck_str	BOBJ1	296.28	After	Interior Girder 6	37.6	0.95	1	1	1.58291
Gravel Truck_str	BOBJ1	296.28	After	Right Exterior Girder	37.6	0.95	1	1	1.774613
Gravel Truck_str	BOBJ1	305.69	Before	Left Exterior Girder	47.01	0.95	1	1	3.26975
Gravel Truck_str	BOBJ1	305.69	Before	Interior Girder 1	47.01	0.95	1	1	2.26641
Gravel Truck_str	BOBJ1	305.69	Before	Interior Girder 2	47.01	0.95	1	1	2.155131
Gravel Truck_str	BOBJ1	305.69	Before	Interior Girder 3	47.01	0.95	1	1	2.037557
Gravel Truck_str	BOBJ1	305.69	Before	Interior Girder 4	47.01	0.95	1	1	2.037557
Gravel Truck_str	BOBJ1	305.69	Before	Interior Girder 5	47.01	0.95	1	1	2.155131
Gravel Truck_str	BOBJ1	305.69	Before	Interior Girder 6	47.01	0.95	1	1	2.26641
Gravel Truck_str	BOBJ1	305.69	Before	Right Exterior Girder	47.01	0.95	1	1	3.26975
Gravel Truck_str	BOBJ1	305.69	After	Left Exterior Girder	47.01	0.95	1	1	3.2556
Gravel Truck_str	BOBJ1	305.69	After	Interior Girder 1	47.01	0.95	1	1	2.27314
Gravel Truck_str	BOBJ1	305.69	After	Interior Girder 2	47.01	0.95	1	1	2.118854
Gravel Truck_str	BOBJ1	305.69	After	Interior Girder 3	47.01	0.95	1	1	1.976153
Gravel Truck_str	BOBJ1	305.69	After	Interior Girder 4	47.01	0.95	1	1	1.976153
Gravel Truck_str	BOBJ1	305.69	After	Interior Girder 5	47.01	0.95	1	1	2.118854
Gravel Truck_str	BOBJ1	305.69	After	Interior Girder 6	47.01	0.95	1	1	2.27314

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelINonCompStrgth-Flx - Approach, Span 7-11									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Gravel Truck_str	BOBJ1	305.69	After	Right Exterior Girder	47.01	0.95	1	1	3.2556
Gravel Truck_str	BOBJ1	315.1	Before	Left Exterior Girder	56.42	0.95	1	1	256.409483
Gravel Truck_str	BOBJ1	315.1	Before	Interior Girder 1	56.42	0.95	1	1	218.270875
Gravel Truck_str	BOBJ1	315.1	Before	Interior Girder 2	56.42	0.95	1	1	166.883127
Gravel Truck_str	BOBJ1	315.1	Before	Interior Girder 3	56.42	0.95	1	1	122.563578
Gravel Truck_str	BOBJ1	315.1	Before	Interior Girder 4	56.42	0.95	1	1	122.563578
Gravel Truck_str	BOBJ1	315.1	Before	Interior Girder 5	56.42	0.95	1	1	166.883127
Gravel Truck_str	BOBJ1	315.1	Before	Interior Girder 6	56.42	0.95	1	1	218.270875
Gravel Truck_str	BOBJ1	315.1	Before	Right Exterior Girder	56.42	0.95	1	1	256.409484
Annual Permit 1_str	BOBJ1	0	After	Left Exterior Girder	0	0.95	1	1	218.98458
Annual Permit 1_str	BOBJ1	0	After	Interior Girder 1	0	0.95	1	1	202.969268
Annual Permit 1_str	BOBJ1	0	After	Interior Girder 2	0	0.95	1	1	156.485457
Annual Permit 1_str	BOBJ1	0	After	Interior Girder 3	0	0.95	1	1	113.291522
Annual Permit 1_str	BOBJ1	0	After	Interior Girder 4	0	0.95	1	1	113.291521
Annual Permit 1_str	BOBJ1	0	After	Interior Girder 5	0	0.95	1	1	156.485457
Annual Permit 1_str	BOBJ1	0	After	Interior Girder 6	0	0.95	1	1	202.96927
Annual Permit 1_str	BOBJ1	0	After	Right Exterior Girder	0	0.95	1	1	218.984581
Annual Permit 1_str	BOBJ1	9.4	Before	Left Exterior Girder	9.4	0.95	1	1	2.883748
Annual Permit 1_str	BOBJ1	9.4	Before	Interior Girder 1	9.4	0.95	1	1	2.099058
Annual Permit 1_str	BOBJ1	9.4	Before	Interior Girder 2	9.4	0.95	1	1	2.090579
Annual Permit 1_str	BOBJ1	9.4	Before	Interior Girder 3	9.4	0.95	1	1	1.873025
Annual Permit 1_str	BOBJ1	9.4	Before	Interior Girder 4	9.4	0.95	1	1	1.873025
Annual Permit 1_str	BOBJ1	9.4	Before	Interior Girder 5	9.4	0.95	1	1	2.090579
Annual Permit 1_str	BOBJ1	9.4	Before	Interior Girder 6	9.4	0.95	1	1	2.099058
Annual Permit 1_str	BOBJ1	9.4	Before	Right Exterior Girder	9.4	0.95	1	1	2.883748
Annual Permit 1_str	BOBJ1	9.4	After	Left Exterior Girder	9.4	0.95	1	1	2.908236
Annual Permit 1_str	BOBJ1	9.4	After	Interior Girder 1	9.4	0.95	1	1	2.087853
Annual Permit 1_str	BOBJ1	9.4	After	Interior Girder 2	9.4	0.95	1	1	2.145103
Annual Permit 1_str	BOBJ1	9.4	After	Interior Girder 3	9.4	0.95	1	1	1.944905
Annual Permit 1_str	BOBJ1	9.4	After	Interior Girder 4	9.4	0.95	1	1	1.944905
Annual Permit 1_str	BOBJ1	9.4	After	Interior Girder 5	9.4	0.95	1	1	2.145103
Annual Permit 1_str	BOBJ1	9.4	After	Interior Girder 6	9.4	0.95	1	1	2.087853
Annual Permit 1_str	BOBJ1	9.4	After	Right Exterior Girder	9.4	0.95	1	1	2.908236
Annual Permit 1_str	BOBJ1	18.8	Before	Left Exterior Girder	18.8	0.95	1	1	1.600646
Annual Permit 1_str	BOBJ1	18.8	Before	Interior Girder 1	18.8	0.95	1	1	1.486194
Annual Permit 1_str	BOBJ1	18.8	Before	Interior Girder 2	18.8	0.95	1	1	1.584618
Annual Permit 1_str	BOBJ1	18.8	Before	Interior Girder 3	18.8	0.95	1	1	1.549265
Annual Permit 1_str	BOBJ1	18.8	Before	Interior Girder 4	18.8	0.95	1	1	1.549265
Annual Permit 1_str	BOBJ1	18.8	Before	Interior Girder 5	18.8	0.95	1	1	1.584618
Annual Permit 1_str	BOBJ1	18.8	Before	Interior Girder 6	18.8	0.95	1	1	1.486194
Annual Permit 1_str	BOBJ1	18.8	Before	Right Exterior Girder	18.8	0.95	1	1	1.600646
Annual Permit 1_str	BOBJ1	18.8	After	Left Exterior Girder	18.8	0.95	1	1	1.622181
Annual Permit 1_str	BOBJ1	18.8	After	Interior Girder 1	18.8	0.95	1	1	1.470694
Annual Permit 1_str	BOBJ1	18.8	After	Interior Girder 2	18.8	0.95	1	1	1.586351
Annual Permit 1_str	BOBJ1	18.8	After	Interior Girder 3	18.8	0.95	1	1	1.562281
Annual Permit 1_str	BOBJ1	18.8	After	Interior Girder 4	18.8	0.95	1	1	1.562281
Annual Permit 1_str	BOBJ1	18.8	After	Interior Girder 5	18.8	0.95	1	1	1.586351
Annual Permit 1_str	BOBJ1	18.8	After	Interior Girder 6	18.8	0.95	1	1	1.470694
Annual Permit 1_str	BOBJ1	18.8	After	Right Exterior Girder	18.8	0.95	1	1	1.622181
Annual Permit 1_str	BOBJ1	28.2	Before	Left Exterior Girder	28.2	0.95	1	1	1.798213
Annual Permit 1_str	BOBJ1	28.2	Before	Interior Girder 1	28.2	0.95	1	1	1.442511
Annual Permit 1_str	BOBJ1	28.2	Before	Interior Girder 2	28.2	0.95	1	1	1.522947
Annual Permit 1_str	BOBJ1	28.2	Before	Interior Girder 3	28.2	0.95	1	1	1.418305
Annual Permit 1_str	BOBJ1	28.2	Before	Interior Girder 4	28.2	0.95	1	1	1.418305
Annual Permit 1_str	BOBJ1	28.2	Before	Interior Girder 5	28.2	0.95	1	1	1.522947
Annual Permit 1_str	BOBJ1	28.2	Before	Interior Girder 6	28.2	0.95	1	1	1.442511
Annual Permit 1_str	BOBJ1	28.2	Before	Right Exterior Girder	28.2	0.95	1	1	1.798213
Annual Permit 1_str	BOBJ1	28.2	After	Left Exterior Girder	28.2	0.95	1	1	1.788656
Annual Permit 1_str	BOBJ1	28.2	After	Interior Girder 1	28.2	0.95	1	1	1.448476
Annual Permit 1_str	BOBJ1	28.2	After	Interior Girder 2	28.2	0.95	1	1	1.522607
Annual Permit 1_str	BOBJ1	28.2	After	Interior Girder 3	28.2	0.95	1	1	1.408798
Annual Permit 1_str	BOBJ1	28.2	After	Interior Girder 4	28.2	0.95	1	1	1.408798
Annual Permit 1_str	BOBJ1	28.2	After	Interior Girder 5	28.2	0.95	1	1	1.522607
Annual Permit 1_str	BOBJ1	28.2	After	Interior Girder 6	28.2	0.95	1	1	1.448476
Annual Permit 1_str	BOBJ1	28.2	After	Right Exterior Girder	28.2	0.95	1	1	1.788656

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelINonCompStrgth-Flx - Approach, Span 7-11									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Annual Permit 1_str	BOBJ1	37.6	Before	Left Exterior Girder	37.6	0.95	1	1	2.586871
Annual Permit 1_str	BOBJ1	37.6	Before	Interior Girder 1	37.6	0.95	1	1	2.213961
Annual Permit 1_str	BOBJ1	37.6	Before	Interior Girder 2	37.6	0.95	1	1	2.292492
Annual Permit 1_str	BOBJ1	37.6	Before	Interior Girder 3	37.6	0.95	1	1	2.256143
Annual Permit 1_str	BOBJ1	37.6	Before	Interior Girder 4	37.6	0.95	1	1	2.256143
Annual Permit 1_str	BOBJ1	37.6	Before	Interior Girder 5	37.6	0.95	1	1	2.292492
Annual Permit 1_str	BOBJ1	37.6	Before	Interior Girder 6	37.6	0.95	1	1	2.213961
Annual Permit 1_str	BOBJ1	37.6	Before	Right Exterior Girder	37.6	0.95	1	1	2.586871
Annual Permit 1_str	BOBJ1	37.6	After	Left Exterior Girder	37.6	0.95	1	1	2.523287
Annual Permit 1_str	BOBJ1	37.6	After	Interior Girder 1	37.6	0.95	1	1	2.256736
Annual Permit 1_str	BOBJ1	37.6	After	Interior Girder 2	37.6	0.95	1	1	2.294338
Annual Permit 1_str	BOBJ1	37.6	After	Interior Girder 3	37.6	0.95	1	1	2.223235
Annual Permit 1_str	BOBJ1	37.6	After	Interior Girder 4	37.6	0.95	1	1	2.223235
Annual Permit 1_str	BOBJ1	37.6	After	Interior Girder 5	37.6	0.95	1	1	2.294338
Annual Permit 1_str	BOBJ1	37.6	After	Interior Girder 6	37.6	0.95	1	1	2.256736
Annual Permit 1_str	BOBJ1	37.6	After	Right Exterior Girder	37.6	0.95	1	1	2.523287
Annual Permit 1_str	BOBJ1	47.01	Before	Left Exterior Girder	47.01	0.95	1	1	2.398597
Annual Permit 1_str	BOBJ1	47.01	Before	Interior Girder 1	47.01	0.95	1	1	2.533271
Annual Permit 1_str	BOBJ1	47.01	Before	Interior Girder 2	47.01	0.95	1	1	2.73564
Annual Permit 1_str	BOBJ1	47.01	Before	Interior Girder 3	47.01	0.95	1	1	2.577627
Annual Permit 1_str	BOBJ1	47.01	Before	Interior Girder 4	47.01	0.95	1	1	2.577627
Annual Permit 1_str	BOBJ1	47.01	Before	Interior Girder 5	47.01	0.95	1	1	2.73564
Annual Permit 1_str	BOBJ1	47.01	Before	Interior Girder 6	47.01	0.95	1	1	2.533271
Annual Permit 1_str	BOBJ1	47.01	Before	Right Exterior Girder	47.01	0.95	1	1	2.398597
Annual Permit 1_str	BOBJ1	47.01	After	Left Exterior Girder	47.01	0.95	1	1	2.482925
Annual Permit 1_str	BOBJ1	47.01	After	Interior Girder 1	47.01	0.95	1	1	2.494744
Annual Permit 1_str	BOBJ1	47.01	After	Interior Girder 2	47.01	0.95	1	1	2.761589
Annual Permit 1_str	BOBJ1	47.01	After	Interior Girder 3	47.01	0.95	1	1	2.668128
Annual Permit 1_str	BOBJ1	47.01	After	Interior Girder 4	47.01	0.95	1	1	2.668128
Annual Permit 1_str	BOBJ1	47.01	After	Interior Girder 5	47.01	0.95	1	1	2.761589
Annual Permit 1_str	BOBJ1	47.01	After	Interior Girder 6	47.01	0.95	1	1	2.494744
Annual Permit 1_str	BOBJ1	47.01	After	Right Exterior Girder	47.01	0.95	1	1	2.482925
Annual Permit 1_str	BOBJ1	49.42	Before	Left Exterior Girder	49.42	0.95	1	1	1.81818
Annual Permit 1_str	BOBJ1	49.42	Before	Right Exterior Girder	49.42	0.95	1	1	1.81818
Annual Permit 1_str	BOBJ1	49.42	After	Left Exterior Girder	49.42	0.95	1	1	3.301753
Annual Permit 1_str	BOBJ1	49.42	After	Right Exterior Girder	49.42	0.95	1	1	3.301753
Annual Permit 1_str	BOBJ1	51.92	Before	Interior Girder 1	51.92	0.95	1	1	1.371693
Annual Permit 1_str	BOBJ1	51.92	Before	Interior Girder 2	51.92	0.95	1	1	1.513042
Annual Permit 1_str	BOBJ1	51.92	Before	Interior Girder 3	51.92	0.95	1	1	1.272876
Annual Permit 1_str	BOBJ1	51.92	Before	Interior Girder 4	51.92	0.95	1	1	1.272876
Annual Permit 1_str	BOBJ1	51.92	Before	Interior Girder 5	51.92	0.95	1	1	1.513042
Annual Permit 1_str	BOBJ1	51.92	Before	Interior Girder 6	51.92	0.95	1	1	1.371693
Annual Permit 1_str	BOBJ1	51.92	After	Interior Girder 1	51.92	0.95	1	1	1.721383
Annual Permit 1_str	BOBJ1	51.92	After	Interior Girder 2	51.92	0.95	1	1	1.867883
Annual Permit 1_str	BOBJ1	51.92	After	Interior Girder 3	51.92	0.95	1	1	1.60373
Annual Permit 1_str	BOBJ1	51.92	After	Interior Girder 4	51.92	0.95	1	1	1.60373
Annual Permit 1_str	BOBJ1	51.92	After	Interior Girder 5	51.92	0.95	1	1	1.867883
Annual Permit 1_str	BOBJ1	51.92	After	Interior Girder 6	51.92	0.95	1	1	1.721383
Annual Permit 1_str	BOBJ1	56.42	Before	Left Exterior Girder	56.42	0.95	1	1	1.403781
Annual Permit 1_str	BOBJ1	56.42	Before	Interior Girder 1	56.42	0.95	1	1	0.940543
Annual Permit 1_str	BOBJ1	56.42	Before	Interior Girder 2	56.42	0.95	1	1	1.035635
Annual Permit 1_str	BOBJ1	56.42	Before	Interior Girder 3	56.42	0.95	1	1	0.82012
Annual Permit 1_str	BOBJ1	56.42	Before	Interior Girder 4	56.42	0.95	1	1	0.82012
Annual Permit 1_str	BOBJ1	56.42	Before	Interior Girder 5	56.42	0.95	1	1	1.035635
Annual Permit 1_str	BOBJ1	56.42	Before	Interior Girder 6	56.42	0.95	1	1	0.940543
Annual Permit 1_str	BOBJ1	56.42	Before	Right Exterior Girder	56.42	0.95	1	1	1.403781
Annual Permit 1_str	BOBJ1	56.42	After	Left Exterior Girder	0	0.95	1	1	1.464163
Annual Permit 1_str	BOBJ1	56.42	After	Interior Girder 1	0	0.95	1	1	0.997172
Annual Permit 1_str	BOBJ1	56.42	After	Interior Girder 2	0	0.95	1	1	1.095322
Annual Permit 1_str	BOBJ1	56.42	After	Interior Girder 3	0	0.95	1	1	0.865137
Annual Permit 1_str	BOBJ1	56.42	After	Interior Girder 4	0	0.95	1	1	0.865137
Annual Permit 1_str	BOBJ1	56.42	After	Interior Girder 5	0	0.95	1	1	1.095322
Annual Permit 1_str	BOBJ1	56.42	After	Interior Girder 6	0	0.95	1	1	0.997172
Annual Permit 1_str	BOBJ1	56.42	After	Right Exterior Girder	0	0.95	1	1	1.464163
Annual Permit 1_str	BOBJ1	60.92	Before	Interior Girder 1	4.5	0.95	1	1	1.769503

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelINonCompStrgth-Flx - Approach, Span 7-11									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Annual Permit 1_str	BOBJ1	60.92	Before	Interior Girder 2	4.5	0.95	1	1	1.905507
Annual Permit 1_str	BOBJ1	60.92	Before	Interior Girder 3	4.5	0.95	1	1	1.621572
Annual Permit 1_str	BOBJ1	60.92	Before	Interior Girder 4	4.5	0.95	1	1	1.621572
Annual Permit 1_str	BOBJ1	60.92	Before	Interior Girder 5	4.5	0.95	1	1	1.905507
Annual Permit 1_str	BOBJ1	60.92	Before	Interior Girder 6	4.5	0.95	1	1	1.769503
Annual Permit 1_str	BOBJ1	60.92	After	Interior Girder 1	4.5	0.95	1	1	1.409607
Annual Permit 1_str	BOBJ1	60.92	After	Interior Girder 2	4.5	0.95	1	1	1.547754
Annual Permit 1_str	BOBJ1	60.92	After	Interior Girder 3	4.5	0.95	1	1	1.291271
Annual Permit 1_str	BOBJ1	60.92	After	Interior Girder 4	4.5	0.95	1	1	1.291271
Annual Permit 1_str	BOBJ1	60.92	After	Interior Girder 5	4.5	0.95	1	1	1.547754
Annual Permit 1_str	BOBJ1	60.92	After	Interior Girder 6	4.5	0.95	1	1	1.409607
Annual Permit 1_str	BOBJ1	63.42	Before	Left Exterior Girder	7	0.95	1	1	3.565694
Annual Permit 1_str	BOBJ1	63.42	Before	Right Exterior Girder	7	0.95	1	1	3.565694
Annual Permit 1_str	BOBJ1	63.42	After	Left Exterior Girder	7	0.95	1	1	1.957828
Annual Permit 1_str	BOBJ1	63.42	After	Right Exterior Girder	7	0.95	1	1	1.957828
Annual Permit 1_str	BOBJ1	64.845	Before	Left Exterior Girder	8.425	0.95	1	1	2.514894
Annual Permit 1_str	BOBJ1	64.845	Before	Interior Girder 1	8.425	0.95	1	1	2.423008
Annual Permit 1_str	BOBJ1	64.845	Before	Interior Girder 2	8.425	0.95	1	1	2.621472
Annual Permit 1_str	BOBJ1	64.845	Before	Interior Girder 3	8.425	0.95	1	1	2.329699
Annual Permit 1_str	BOBJ1	64.845	Before	Interior Girder 4	8.425	0.95	1	1	2.329699
Annual Permit 1_str	BOBJ1	64.845	Before	Interior Girder 5	8.425	0.95	1	1	2.621472
Annual Permit 1_str	BOBJ1	64.845	Before	Interior Girder 6	8.425	0.95	1	1	2.423008
Annual Permit 1_str	BOBJ1	64.845	Before	Right Exterior Girder	8.425	0.95	1	1	2.514894
Annual Permit 1_str	BOBJ1	64.845	After	Left Exterior Girder	8.425	0.95	1	1	2.464555
Annual Permit 1_str	BOBJ1	64.845	After	Interior Girder 1	8.425	0.95	1	1	2.435424
Annual Permit 1_str	BOBJ1	64.845	After	Interior Girder 2	8.425	0.95	1	1	2.601342
Annual Permit 1_str	BOBJ1	64.845	After	Interior Girder 3	8.425	0.95	1	1	2.280377
Annual Permit 1_str	BOBJ1	64.845	After	Interior Girder 4	8.425	0.95	1	1	2.280377
Annual Permit 1_str	BOBJ1	64.845	After	Interior Girder 5	8.425	0.95	1	1	2.601342
Annual Permit 1_str	BOBJ1	64.845	After	Interior Girder 6	8.425	0.95	1	1	2.435424
Annual Permit 1_str	BOBJ1	64.845	After	Right Exterior Girder	8.425	0.95	1	1	2.464555
Annual Permit 1_str	BOBJ1	69.92	Before	Left Exterior Girder	13.5	0.95	1	1	4.047148
Annual Permit 1_str	BOBJ1	69.92	Before	Interior Girder 1	13.5	0.95	1	1	3.722073
Annual Permit 1_str	BOBJ1	69.92	Before	Interior Girder 2	13.5	0.95	1	1	3.576446
Annual Permit 1_str	BOBJ1	69.92	Before	Interior Girder 3	13.5	0.95	1	1	3.291736
Annual Permit 1_str	BOBJ1	69.92	Before	Interior Girder 4	13.5	0.95	1	1	3.291736
Annual Permit 1_str	BOBJ1	69.92	Before	Interior Girder 5	13.5	0.95	1	1	3.576446
Annual Permit 1_str	BOBJ1	69.92	Before	Interior Girder 6	13.5	0.95	1	1	3.722073
Annual Permit 1_str	BOBJ1	69.92	Before	Right Exterior Girder	13.5	0.95	1	1	4.047148
Annual Permit 1_str	BOBJ1	69.92	After	Left Exterior Girder	13.5	0.95	1	1	3.455454
Annual Permit 1_str	BOBJ1	69.92	After	Interior Girder 1	13.5	0.95	1	1	3.480654
Annual Permit 1_str	BOBJ1	69.92	After	Interior Girder 2	13.5	0.95	1	1	3.392665
Annual Permit 1_str	BOBJ1	69.92	After	Interior Girder 3	13.5	0.95	1	1	3.165481
Annual Permit 1_str	BOBJ1	69.92	After	Interior Girder 4	13.5	0.95	1	1	3.165481
Annual Permit 1_str	BOBJ1	69.92	After	Interior Girder 5	13.5	0.95	1	1	3.392665
Annual Permit 1_str	BOBJ1	69.92	After	Interior Girder 6	13.5	0.95	1	1	3.480654
Annual Permit 1_str	BOBJ1	69.92	After	Right Exterior Girder	13.5	0.95	1	1	3.455454
Annual Permit 1_str	BOBJ1	73.27	Before	Left Exterior Girder	16.85	0.95	1	1	3.145063
Annual Permit 1_str	BOBJ1	73.27	Before	Interior Girder 1	16.85	0.95	1	1	2.717763
Annual Permit 1_str	BOBJ1	73.27	Before	Interior Girder 2	16.85	0.95	1	1	2.718942
Annual Permit 1_str	BOBJ1	73.27	Before	Interior Girder 3	16.85	0.95	1	1	2.616304
Annual Permit 1_str	BOBJ1	73.27	Before	Interior Girder 4	16.85	0.95	1	1	2.616304
Annual Permit 1_str	BOBJ1	73.27	Before	Interior Girder 5	16.85	0.95	1	1	2.718942
Annual Permit 1_str	BOBJ1	73.27	Before	Interior Girder 6	16.85	0.95	1	1	2.717763
Annual Permit 1_str	BOBJ1	73.27	Before	Right Exterior Girder	16.85	0.95	1	1	3.145063
Annual Permit 1_str	BOBJ1	73.27	After	Left Exterior Girder	16.85	0.95	1	1	3.231009
Annual Permit 1_str	BOBJ1	73.27	After	Interior Girder 1	16.85	0.95	1	1	2.669307
Annual Permit 1_str	BOBJ1	73.27	After	Interior Girder 2	16.85	0.95	1	1	2.695036
Annual Permit 1_str	BOBJ1	73.27	After	Interior Girder 3	16.85	0.95	1	1	2.621959
Annual Permit 1_str	BOBJ1	73.27	After	Interior Girder 4	16.85	0.95	1	1	2.621959
Annual Permit 1_str	BOBJ1	73.27	After	Interior Girder 5	16.85	0.95	1	1	2.695036
Annual Permit 1_str	BOBJ1	73.27	After	Interior Girder 6	16.85	0.95	1	1	2.669307
Annual Permit 1_str	BOBJ1	73.27	After	Right Exterior Girder	16.85	0.95	1	1	3.231009
Annual Permit 1_str	BOBJ1	81.695	Before	Left Exterior Girder	25.275	0.95	1	1	1.856364
Annual Permit 1_str	BOBJ1	81.695	Before	Interior Girder 1	25.275	0.95	1	1	1.582985

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelINonCompStrgth-Flx - Approach, Span 7-11									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Annual Permit 1_str	BOBJ1	81.695	Before	Interior Girder 2	25.275	0.95	1	1	1.667895
Annual Permit 1_str	BOBJ1	81.695	Before	Interior Girder 3	25.275	0.95	1	1	1.556255
Annual Permit 1_str	BOBJ1	81.695	Before	Interior Girder 4	25.275	0.95	1	1	1.556255
Annual Permit 1_str	BOBJ1	81.695	Before	Interior Girder 5	25.275	0.95	1	1	1.667895
Annual Permit 1_str	BOBJ1	81.695	Before	Interior Girder 6	25.275	0.95	1	1	1.582985
Annual Permit 1_str	BOBJ1	81.695	Before	Right Exterior Girder	25.275	0.95	1	1	1.856364
Annual Permit 1_str	BOBJ1	81.695	After	Left Exterior Girder	25.275	0.95	1	1	1.893225
Annual Permit 1_str	BOBJ1	81.695	After	Interior Girder 1	25.275	0.95	1	1	1.568608
Annual Permit 1_str	BOBJ1	81.695	After	Interior Girder 2	25.275	0.95	1	1	1.660576
Annual Permit 1_str	BOBJ1	81.695	After	Interior Girder 3	25.275	0.95	1	1	1.571215
Annual Permit 1_str	BOBJ1	81.695	After	Interior Girder 4	25.275	0.95	1	1	1.571215
Annual Permit 1_str	BOBJ1	81.695	After	Interior Girder 5	25.275	0.95	1	1	1.660576
Annual Permit 1_str	BOBJ1	81.695	After	Interior Girder 6	25.275	0.95	1	1	1.568608
Annual Permit 1_str	BOBJ1	81.695	After	Right Exterior Girder	25.275	0.95	1	1	1.893225
Annual Permit 1_str	BOBJ1	90.12	Before	Left Exterior Girder	33.7	0.95	1	1	1.504074
Annual Permit 1_str	BOBJ1	90.12	Before	Interior Girder 1	33.7	0.95	1	1	1.479304
Annual Permit 1_str	BOBJ1	90.12	Before	Interior Girder 2	33.7	0.95	1	1	1.602085
Annual Permit 1_str	BOBJ1	90.12	Before	Interior Girder 3	33.7	0.95	1	1	1.603452
Annual Permit 1_str	BOBJ1	90.12	Before	Interior Girder 4	33.7	0.95	1	1	1.603452
Annual Permit 1_str	BOBJ1	90.12	Before	Interior Girder 5	33.7	0.95	1	1	1.602085
Annual Permit 1_str	BOBJ1	90.12	Before	Interior Girder 6	33.7	0.95	1	1	1.479304
Annual Permit 1_str	BOBJ1	90.12	Before	Right Exterior Girder	33.7	0.95	1	1	1.504074
Annual Permit 1_str	BOBJ1	90.12	After	Left Exterior Girder	33.7	0.95	1	1	1.507386
Annual Permit 1_str	BOBJ1	90.12	After	Interior Girder 1	33.7	0.95	1	1	1.48042
Annual Permit 1_str	BOBJ1	90.12	After	Interior Girder 2	33.7	0.95	1	1	1.599229
Annual Permit 1_str	BOBJ1	90.12	After	Interior Girder 3	33.7	0.95	1	1	1.602906
Annual Permit 1_str	BOBJ1	90.12	After	Interior Girder 4	33.7	0.95	1	1	1.602906
Annual Permit 1_str	BOBJ1	90.12	After	Interior Girder 5	33.7	0.95	1	1	1.599229
Annual Permit 1_str	BOBJ1	90.12	After	Interior Girder 6	33.7	0.95	1	1	1.48042
Annual Permit 1_str	BOBJ1	90.12	After	Right Exterior Girder	33.7	0.95	1	1	1.507386
Annual Permit 1_str	BOBJ1	98.545	Before	Left Exterior Girder	42.125	0.95	1	1	1.837548
Annual Permit 1_str	BOBJ1	98.545	Before	Interior Girder 1	42.125	0.95	1	1	1.546327
Annual Permit 1_str	BOBJ1	98.545	Before	Interior Girder 2	42.125	0.95	1	1	1.646908
Annual Permit 1_str	BOBJ1	98.545	Before	Interior Girder 3	42.125	0.95	1	1	1.564105
Annual Permit 1_str	BOBJ1	98.545	Before	Interior Girder 4	42.125	0.95	1	1	1.564105
Annual Permit 1_str	BOBJ1	98.545	Before	Interior Girder 5	42.125	0.95	1	1	1.646908
Annual Permit 1_str	BOBJ1	98.545	Before	Interior Girder 6	42.125	0.95	1	1	1.546327
Annual Permit 1_str	BOBJ1	98.545	Before	Right Exterior Girder	42.125	0.95	1	1	1.837548
Annual Permit 1_str	BOBJ1	98.545	After	Left Exterior Girder	42.125	0.95	1	1	1.806935
Annual Permit 1_str	BOBJ1	98.545	After	Interior Girder 1	42.125	0.95	1	1	1.55857
Annual Permit 1_str	BOBJ1	98.545	After	Interior Girder 2	42.125	0.95	1	1	1.652866
Annual Permit 1_str	BOBJ1	98.545	After	Interior Girder 3	42.125	0.95	1	1	1.549368
Annual Permit 1_str	BOBJ1	98.545	After	Interior Girder 4	42.125	0.95	1	1	1.549368
Annual Permit 1_str	BOBJ1	98.545	After	Interior Girder 5	42.125	0.95	1	1	1.652866
Annual Permit 1_str	BOBJ1	98.545	After	Interior Girder 6	42.125	0.95	1	1	1.55857
Annual Permit 1_str	BOBJ1	98.545	After	Right Exterior Girder	42.125	0.95	1	1	1.806935
Annual Permit 1_str	BOBJ1	106.97	Before	Left Exterior Girder	50.55	0.95	1	1	3.015976
Annual Permit 1_str	BOBJ1	106.97	Before	Interior Girder 1	50.55	0.95	1	1	2.57008
Annual Permit 1_str	BOBJ1	106.97	Before	Interior Girder 2	50.55	0.95	1	1	2.624008
Annual Permit 1_str	BOBJ1	106.97	Before	Interior Girder 3	50.55	0.95	1	1	2.561952
Annual Permit 1_str	BOBJ1	106.97	Before	Interior Girder 4	50.55	0.95	1	1	2.561952
Annual Permit 1_str	BOBJ1	106.97	Before	Interior Girder 5	50.55	0.95	1	1	2.624008
Annual Permit 1_str	BOBJ1	106.97	Before	Interior Girder 6	50.55	0.95	1	1	2.57008
Annual Permit 1_str	BOBJ1	106.97	Before	Right Exterior Girder	50.55	0.95	1	1	3.015976
Annual Permit 1_str	BOBJ1	106.97	After	Left Exterior Girder	50.55	0.95	1	1	2.928411
Annual Permit 1_str	BOBJ1	106.97	After	Interior Girder 1	50.55	0.95	1	1	2.615173
Annual Permit 1_str	BOBJ1	106.97	After	Interior Girder 2	50.55	0.95	1	1	2.632632
Annual Permit 1_str	BOBJ1	106.97	After	Interior Girder 3	50.55	0.95	1	1	2.512906
Annual Permit 1_str	BOBJ1	106.97	After	Interior Girder 4	50.55	0.95	1	1	2.512906
Annual Permit 1_str	BOBJ1	106.97	After	Interior Girder 5	50.55	0.95	1	1	2.632632
Annual Permit 1_str	BOBJ1	106.97	After	Interior Girder 6	50.55	0.95	1	1	2.615173
Annual Permit 1_str	BOBJ1	106.97	After	Right Exterior Girder	50.55	0.95	1	1	2.928411
Annual Permit 1_str	BOBJ1	115.405	Before	Left Exterior Girder	58.985	0.95	1	1	1.962775
Annual Permit 1_str	BOBJ1	115.405	Before	Interior Girder 1	58.985	0.95	1	1	2.169256
Annual Permit 1_str	BOBJ1	115.405	Before	Interior Girder 2	58.985	0.95	1	1	2.353655

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelINonCompStrgth-Flx - Approach, Span 7-11									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Annual Permit 1_str	BOBJ1	115.405	Before	Interior Girder 3	58.985	0.95	1	1	2.100054
Annual Permit 1_str	BOBJ1	115.405	Before	Interior Girder 4	58.985	0.95	1	1	2.100054
Annual Permit 1_str	BOBJ1	115.405	Before	Interior Girder 5	58.985	0.95	1	1	2.353655
Annual Permit 1_str	BOBJ1	115.405	Before	Interior Girder 6	58.985	0.95	1	1	2.169256
Annual Permit 1_str	BOBJ1	115.405	Before	Right Exterior Girder	58.985	0.95	1	1	1.962775
Annual Permit 1_str	BOBJ1	115.405	After	Left Exterior Girder	58.985	0.95	1	1	2.05335
Annual Permit 1_str	BOBJ1	115.405	After	Interior Girder 1	58.985	0.95	1	1	2.120709
Annual Permit 1_str	BOBJ1	115.405	After	Interior Girder 2	58.985	0.95	1	1	2.381866
Annual Permit 1_str	BOBJ1	115.405	After	Interior Girder 3	58.985	0.95	1	1	2.174362
Annual Permit 1_str	BOBJ1	115.405	After	Interior Girder 4	58.985	0.95	1	1	2.174362
Annual Permit 1_str	BOBJ1	115.405	After	Interior Girder 5	58.985	0.95	1	1	2.381866
Annual Permit 1_str	BOBJ1	115.405	After	Interior Girder 6	58.985	0.95	1	1	2.120709
Annual Permit 1_str	BOBJ1	115.405	After	Right Exterior Girder	58.985	0.95	1	1	2.05335
Annual Permit 1_str	BOBJ1	116.34	Before	Left Exterior Girder	59.92	0.95	1	1	1.717231
Annual Permit 1_str	BOBJ1	116.34	Before	Right Exterior Girder	59.92	0.95	1	1	1.717231
Annual Permit 1_str	BOBJ1	116.34	After	Left Exterior Girder	59.92	0.95	1	1	3.598603
Annual Permit 1_str	BOBJ1	116.34	After	Right Exterior Girder	59.92	0.95	1	1	3.598603
Annual Permit 1_str	BOBJ1	118.84	Before	Interior Girder 1	62.42	0.95	1	1	1.356079
Annual Permit 1_str	BOBJ1	118.84	Before	Interior Girder 2	62.42	0.95	1	1	1.524502
Annual Permit 1_str	BOBJ1	118.84	Before	Interior Girder 3	62.42	0.95	1	1	1.294803
Annual Permit 1_str	BOBJ1	118.84	Before	Interior Girder 4	62.42	0.95	1	1	1.294803
Annual Permit 1_str	BOBJ1	118.84	Before	Interior Girder 5	62.42	0.95	1	1	1.524502
Annual Permit 1_str	BOBJ1	118.84	Before	Interior Girder 6	62.42	0.95	1	1	1.356079
Annual Permit 1_str	BOBJ1	118.84	After	Interior Girder 1	62.42	0.95	1	1	1.95784
Annual Permit 1_str	BOBJ1	118.84	After	Interior Girder 2	62.42	0.95	1	1	2.147357
Annual Permit 1_str	BOBJ1	118.84	After	Interior Girder 3	62.42	0.95	1	1	1.867108
Annual Permit 1_str	BOBJ1	118.84	After	Interior Girder 4	62.42	0.95	1	1	1.867108
Annual Permit 1_str	BOBJ1	118.84	After	Interior Girder 5	62.42	0.95	1	1	2.147357
Annual Permit 1_str	BOBJ1	118.84	After	Interior Girder 6	62.42	0.95	1	1	1.95784
Annual Permit 1_str	BOBJ1	123.84	Before	Left Exterior Girder	67.42	0.95	1	1	1.44521
Annual Permit 1_str	BOBJ1	123.84	Before	Interior Girder 1	67.42	0.95	1	1	1.054526
Annual Permit 1_str	BOBJ1	123.84	Before	Interior Girder 2	67.42	0.95	1	1	1.177133
Annual Permit 1_str	BOBJ1	123.84	Before	Interior Girder 3	67.42	0.95	1	1	0.943777
Annual Permit 1_str	BOBJ1	123.84	Before	Interior Girder 4	67.42	0.95	1	1	0.943777
Annual Permit 1_str	BOBJ1	123.84	Before	Interior Girder 5	67.42	0.95	1	1	1.177133
Annual Permit 1_str	BOBJ1	123.84	Before	Interior Girder 6	67.42	0.95	1	1	1.054526
Annual Permit 1_str	BOBJ1	123.84	Before	Right Exterior Girder	67.42	0.95	1	1	1.44521
Annual Permit 1_str	BOBJ1	123.84	After	Left Exterior Girder	0	0.95	1	1	1.438872
Annual Permit 1_str	BOBJ1	123.84	After	Interior Girder 1	0	0.95	1	1	1.057662
Annual Permit 1_str	BOBJ1	123.84	After	Interior Girder 2	0	0.95	1	1	1.179294
Annual Permit 1_str	BOBJ1	123.84	After	Interior Girder 3	0	0.95	1	1	0.943338
Annual Permit 1_str	BOBJ1	123.84	After	Interior Girder 4	0	0.95	1	1	0.943338
Annual Permit 1_str	BOBJ1	123.84	After	Interior Girder 5	0	0.95	1	1	1.179294
Annual Permit 1_str	BOBJ1	123.84	After	Interior Girder 6	0	0.95	1	1	1.057662
Annual Permit 1_str	BOBJ1	123.84	After	Right Exterior Girder	0	0.95	1	1	1.438872
Annual Permit 1_str	BOBJ1	128.84	Before	Interior Girder 1	5	0.95	1	1	1.96541
Annual Permit 1_str	BOBJ1	128.84	Before	Interior Girder 2	5	0.95	1	1	2.154485
Annual Permit 1_str	BOBJ1	128.84	Before	Interior Girder 3	5	0.95	1	1	1.867479
Annual Permit 1_str	BOBJ1	128.84	Before	Interior Girder 4	5	0.95	1	1	1.867479
Annual Permit 1_str	BOBJ1	128.84	Before	Interior Girder 5	5	0.95	1	1	2.154485
Annual Permit 1_str	BOBJ1	128.84	Before	Interior Girder 6	5	0.95	1	1	1.96541
Annual Permit 1_str	BOBJ1	128.84	After	Interior Girder 1	5	0.95	1	1	1.362052
Annual Permit 1_str	BOBJ1	128.84	After	Interior Girder 2	5	0.95	1	1	1.53084
Annual Permit 1_str	BOBJ1	128.84	After	Interior Girder 3	5	0.95	1	1	1.296069
Annual Permit 1_str	BOBJ1	128.84	After	Interior Girder 4	5	0.95	1	1	1.296069
Annual Permit 1_str	BOBJ1	128.84	After	Interior Girder 5	5	0.95	1	1	1.53084
Annual Permit 1_str	BOBJ1	128.84	After	Interior Girder 6	5	0.95	1	1	1.362052
Annual Permit 1_str	BOBJ1	131.34	Before	Left Exterior Girder	7.5	0.95	1	1	3.63364
Annual Permit 1_str	BOBJ1	131.34	Before	Right Exterior Girder	7.5	0.95	1	1	3.63364
Annual Permit 1_str	BOBJ1	131.34	After	Left Exterior Girder	7.5	0.95	1	1	1.73613
Annual Permit 1_str	BOBJ1	131.34	After	Right Exterior Girder	7.5	0.95	1	1	1.73613
Annual Permit 1_str	BOBJ1	132.265	Before	Left Exterior Girder	8.425	0.95	1	1	2.077721
Annual Permit 1_str	BOBJ1	132.265	Before	Interior Girder 1	8.425	0.95	1	1	2.139478
Annual Permit 1_str	BOBJ1	132.265	Before	Interior Girder 2	8.425	0.95	1	1	2.400106
Annual Permit 1_str	BOBJ1	132.265	Before	Interior Girder 3	8.425	0.95	1	1	2.17459

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelINonCompStrgth-Flx - Approach, Span 7-11									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Annual Permit 1_str	BOBJ1	132.265	Before	Interior Girder 4	8.425	0.95	1	1	2.17459
Annual Permit 1_str	BOBJ1	132.265	Before	Interior Girder 5	8.425	0.95	1	1	2.400106
Annual Permit 1_str	BOBJ1	132.265	Before	Interior Girder 6	8.425	0.95	1	1	2.139478
Annual Permit 1_str	BOBJ1	132.265	Before	Right Exterior Girder	8.425	0.95	1	1	2.077721
Annual Permit 1_str	BOBJ1	132.265	After	Left Exterior Girder	8.425	0.95	1	1	1.983981
Annual Permit 1_str	BOBJ1	132.265	After	Interior Girder 1	8.425	0.95	1	1	2.189932
Annual Permit 1_str	BOBJ1	132.265	After	Interior Girder 2	8.425	0.95	1	1	2.371103
Annual Permit 1_str	BOBJ1	132.265	After	Interior Girder 3	8.425	0.95	1	1	2.101798
Annual Permit 1_str	BOBJ1	132.265	After	Interior Girder 4	8.425	0.95	1	1	2.101798
Annual Permit 1_str	BOBJ1	132.265	After	Interior Girder 5	8.425	0.95	1	1	2.371103
Annual Permit 1_str	BOBJ1	132.265	After	Interior Girder 6	8.425	0.95	1	1	2.189932
Annual Permit 1_str	BOBJ1	132.265	After	Right Exterior Girder	8.425	0.95	1	1	1.983981
Annual Permit 1_str	BOBJ1	140.69	Before	Left Exterior Girder	16.85	0.95	1	1	2.959138
Annual Permit 1_str	BOBJ1	140.69	Before	Interior Girder 1	16.85	0.95	1	1	2.621061
Annual Permit 1_str	BOBJ1	140.69	Before	Interior Girder 2	16.85	0.95	1	1	2.638398
Annual Permit 1_str	BOBJ1	140.69	Before	Interior Girder 3	16.85	0.95	1	1	2.519073
Annual Permit 1_str	BOBJ1	140.69	Before	Interior Girder 4	16.85	0.95	1	1	2.519073
Annual Permit 1_str	BOBJ1	140.69	Before	Interior Girder 5	16.85	0.95	1	1	2.638398
Annual Permit 1_str	BOBJ1	140.69	Before	Interior Girder 6	16.85	0.95	1	1	2.621061
Annual Permit 1_str	BOBJ1	140.69	Before	Right Exterior Girder	16.85	0.95	1	1	2.959138
Annual Permit 1_str	BOBJ1	140.69	After	Left Exterior Girder	16.85	0.95	1	1	3.050021
Annual Permit 1_str	BOBJ1	140.69	After	Interior Girder 1	16.85	0.95	1	1	2.576151
Annual Permit 1_str	BOBJ1	140.69	After	Interior Girder 2	16.85	0.95	1	1	2.629173
Annual Permit 1_str	BOBJ1	140.69	After	Interior Girder 3	16.85	0.95	1	1	2.567491
Annual Permit 1_str	BOBJ1	140.69	After	Interior Girder 4	16.85	0.95	1	1	2.567491
Annual Permit 1_str	BOBJ1	140.69	After	Interior Girder 5	16.85	0.95	1	1	2.629173
Annual Permit 1_str	BOBJ1	140.69	After	Interior Girder 6	16.85	0.95	1	1	2.576151
Annual Permit 1_str	BOBJ1	140.69	After	Right Exterior Girder	16.85	0.95	1	1	3.050021
Annual Permit 1_str	BOBJ1	149.115	Before	Left Exterior Girder	25.275	0.95	1	1	1.797015
Annual Permit 1_str	BOBJ1	149.115	Before	Interior Girder 1	25.275	0.95	1	1	1.548331
Annual Permit 1_str	BOBJ1	149.115	Before	Interior Girder 2	25.275	0.95	1	1	1.645033
Annual Permit 1_str	BOBJ1	149.115	Before	Interior Girder 3	25.275	0.95	1	1	1.54618
Annual Permit 1_str	BOBJ1	149.115	Before	Interior Girder 4	25.275	0.95	1	1	1.54618
Annual Permit 1_str	BOBJ1	149.115	Before	Interior Girder 5	25.275	0.95	1	1	1.645033
Annual Permit 1_str	BOBJ1	149.115	Before	Interior Girder 6	25.275	0.95	1	1	1.548331
Annual Permit 1_str	BOBJ1	149.115	Before	Right Exterior Girder	25.275	0.95	1	1	1.797015
Annual Permit 1_str	BOBJ1	149.115	After	Left Exterior Girder	25.275	0.95	1	1	1.829174
Annual Permit 1_str	BOBJ1	149.115	After	Interior Girder 1	25.275	0.95	1	1	1.536352
Annual Permit 1_str	BOBJ1	149.115	After	Interior Girder 2	25.275	0.95	1	1	1.638256
Annual Permit 1_str	BOBJ1	149.115	After	Interior Girder 3	25.275	0.95	1	1	1.560562
Annual Permit 1_str	BOBJ1	149.115	After	Interior Girder 4	25.275	0.95	1	1	1.560562
Annual Permit 1_str	BOBJ1	149.115	After	Interior Girder 5	25.275	0.95	1	1	1.638256
Annual Permit 1_str	BOBJ1	149.115	After	Interior Girder 6	25.275	0.95	1	1	1.536352
Annual Permit 1_str	BOBJ1	149.115	After	Right Exterior Girder	25.275	0.95	1	1	1.829174
Annual Permit 1_str	BOBJ1	157.54	Before	Left Exterior Girder	33.7	0.95	1	1	1.480013
Annual Permit 1_str	BOBJ1	157.54	Before	Interior Girder 1	33.7	0.95	1	1	1.456727
Annual Permit 1_str	BOBJ1	157.54	Before	Interior Girder 2	33.7	0.95	1	1	1.583958
Annual Permit 1_str	BOBJ1	157.54	Before	Interior Girder 3	33.7	0.95	1	1	1.594936
Annual Permit 1_str	BOBJ1	157.54	Before	Interior Girder 4	33.7	0.95	1	1	1.594936
Annual Permit 1_str	BOBJ1	157.54	Before	Interior Girder 5	33.7	0.95	1	1	1.583958
Annual Permit 1_str	BOBJ1	157.54	Before	Interior Girder 6	33.7	0.95	1	1	1.456727
Annual Permit 1_str	BOBJ1	157.54	Before	Right Exterior Girder	33.7	0.95	1	1	1.480013
Annual Permit 1_str	BOBJ1	157.54	After	Left Exterior Girder	33.7	0.95	1	1	1.480218
Annual Permit 1_str	BOBJ1	157.54	After	Interior Girder 1	33.7	0.95	1	1	1.456868
Annual Permit 1_str	BOBJ1	157.54	After	Interior Girder 2	33.7	0.95	1	1	1.583903
Annual Permit 1_str	BOBJ1	157.54	After	Interior Girder 3	33.7	0.95	1	1	1.594902
Annual Permit 1_str	BOBJ1	157.54	After	Interior Girder 4	33.7	0.95	1	1	1.594902
Annual Permit 1_str	BOBJ1	157.54	After	Interior Girder 5	33.7	0.95	1	1	1.583903
Annual Permit 1_str	BOBJ1	157.54	After	Interior Girder 6	33.7	0.95	1	1	1.456868
Annual Permit 1_str	BOBJ1	157.54	After	Right Exterior Girder	33.7	0.95	1	1	1.480218
Annual Permit 1_str	BOBJ1	165.965	Before	Left Exterior Girder	42.125	0.95	1	1	1.827601
Annual Permit 1_str	BOBJ1	165.965	Before	Interior Girder 1	42.125	0.95	1	1	1.535715
Annual Permit 1_str	BOBJ1	165.965	Before	Interior Girder 2	42.125	0.95	1	1	1.637618
Annual Permit 1_str	BOBJ1	165.965	Before	Interior Girder 3	42.125	0.95	1	1	1.559871
Annual Permit 1_str	BOBJ1	165.965	Before	Interior Girder 4	42.125	0.95	1	1	1.559871

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelINonCompStrgth-Flx - Approach, Span 7-11									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Annual Permit 1_str	BOBJ1	165.965	Before	Interior Girder 5	42.125	0.95	1	1	1.637618
Annual Permit 1_str	BOBJ1	165.965	Before	Interior Girder 6	42.125	0.95	1	1	1.535715
Annual Permit 1_str	BOBJ1	165.965	Before	Right Exterior Girder	42.125	0.95	1	1	1.827601
Annual Permit 1_str	BOBJ1	165.965	After	Left Exterior Girder	42.125	0.95	1	1	1.795678
Annual Permit 1_str	BOBJ1	165.965	After	Interior Girder 1	42.125	0.95	1	1	1.547621
Annual Permit 1_str	BOBJ1	165.965	After	Interior Girder 2	42.125	0.95	1	1	1.644391
Annual Permit 1_str	BOBJ1	165.965	After	Interior Girder 3	42.125	0.95	1	1	1.545567
Annual Permit 1_str	BOBJ1	165.965	After	Interior Girder 4	42.125	0.95	1	1	1.545567
Annual Permit 1_str	BOBJ1	165.965	After	Interior Girder 5	42.125	0.95	1	1	1.644391
Annual Permit 1_str	BOBJ1	165.965	After	Interior Girder 6	42.125	0.95	1	1	1.547621
Annual Permit 1_str	BOBJ1	165.965	After	Right Exterior Girder	42.125	0.95	1	1	1.795678
Annual Permit 1_str	BOBJ1	174.39	Before	Left Exterior Girder	50.55	0.95	1	1	3.043327
Annual Permit 1_str	BOBJ1	174.39	Before	Interior Girder 1	50.55	0.95	1	1	2.573136
Annual Permit 1_str	BOBJ1	174.39	Before	Interior Girder 2	50.55	0.95	1	1	2.626528
Annual Permit 1_str	BOBJ1	174.39	Before	Interior Girder 3	50.55	0.95	1	1	2.564695
Annual Permit 1_str	BOBJ1	174.39	Before	Interior Girder 4	50.55	0.95	1	1	2.564695
Annual Permit 1_str	BOBJ1	174.39	Before	Interior Girder 5	50.55	0.95	1	1	2.626528
Annual Permit 1_str	BOBJ1	174.39	Before	Interior Girder 6	50.55	0.95	1	1	2.573136
Annual Permit 1_str	BOBJ1	174.39	Before	Right Exterior Girder	50.55	0.95	1	1	3.043327
Annual Permit 1_str	BOBJ1	174.39	After	Left Exterior Girder	50.55	0.95	1	1	2.952809
Annual Permit 1_str	BOBJ1	174.39	After	Interior Girder 1	50.55	0.95	1	1	2.618054
Annual Permit 1_str	BOBJ1	174.39	After	Interior Girder 2	50.55	0.95	1	1	2.635794
Annual Permit 1_str	BOBJ1	174.39	After	Interior Girder 3	50.55	0.95	1	1	2.516414
Annual Permit 1_str	BOBJ1	174.39	After	Interior Girder 4	50.55	0.95	1	1	2.516414
Annual Permit 1_str	BOBJ1	174.39	After	Interior Girder 5	50.55	0.95	1	1	2.635794
Annual Permit 1_str	BOBJ1	174.39	After	Interior Girder 6	50.55	0.95	1	1	2.618054
Annual Permit 1_str	BOBJ1	174.39	After	Right Exterior Girder	50.55	0.95	1	1	2.952809
Annual Permit 1_str	BOBJ1	182.825	Before	Left Exterior Girder	58.985	0.95	1	1	1.98688
Annual Permit 1_str	BOBJ1	182.825	Before	Interior Girder 1	58.985	0.95	1	1	2.188966
Annual Permit 1_str	BOBJ1	182.825	Before	Interior Girder 2	58.985	0.95	1	1	2.36936
Annual Permit 1_str	BOBJ1	182.825	Before	Interior Girder 3	58.985	0.95	1	1	2.103706
Annual Permit 1_str	BOBJ1	182.825	Before	Interior Girder 4	58.985	0.95	1	1	2.103706
Annual Permit 1_str	BOBJ1	182.825	Before	Interior Girder 5	58.985	0.95	1	1	2.36936
Annual Permit 1_str	BOBJ1	182.825	Before	Interior Girder 6	58.985	0.95	1	1	2.188966
Annual Permit 1_str	BOBJ1	182.825	Before	Right Exterior Girder	58.985	0.95	1	1	1.98688
Annual Permit 1_str	BOBJ1	182.825	After	Left Exterior Girder	58.985	0.95	1	1	2.080557
Annual Permit 1_str	BOBJ1	182.825	After	Interior Girder 1	58.985	0.95	1	1	2.138618
Annual Permit 1_str	BOBJ1	182.825	After	Interior Girder 2	58.985	0.95	1	1	2.398133
Annual Permit 1_str	BOBJ1	182.825	After	Interior Girder 3	58.985	0.95	1	1	2.176811
Annual Permit 1_str	BOBJ1	182.825	After	Interior Girder 4	58.985	0.95	1	1	2.176811
Annual Permit 1_str	BOBJ1	182.825	After	Interior Girder 5	58.985	0.95	1	1	2.398133
Annual Permit 1_str	BOBJ1	182.825	After	Interior Girder 6	58.985	0.95	1	1	2.138618
Annual Permit 1_str	BOBJ1	182.825	After	Right Exterior Girder	58.985	0.95	1	1	2.080557
Annual Permit 1_str	BOBJ1	183.76	Before	Left Exterior Girder	59.92	0.95	1	1	1.729084
Annual Permit 1_str	BOBJ1	183.76	Before	Right Exterior Girder	59.92	0.95	1	1	1.729084
Annual Permit 1_str	BOBJ1	183.76	After	Left Exterior Girder	59.92	0.95	1	1	3.623553
Annual Permit 1_str	BOBJ1	183.76	After	Right Exterior Girder	59.92	0.95	1	1	3.623553
Annual Permit 1_str	BOBJ1	186.26	Before	Interior Girder 1	62.42	0.95	1	1	1.3589
Annual Permit 1_str	BOBJ1	186.26	Before	Interior Girder 2	62.42	0.95	1	1	1.527028
Annual Permit 1_str	BOBJ1	186.26	Before	Interior Girder 3	62.42	0.95	1	1	1.295517
Annual Permit 1_str	BOBJ1	186.26	Before	Interior Girder 4	62.42	0.95	1	1	1.295517
Annual Permit 1_str	BOBJ1	186.26	Before	Interior Girder 5	62.42	0.95	1	1	1.527028
Annual Permit 1_str	BOBJ1	186.26	Before	Interior Girder 6	62.42	0.95	1	1	1.3589
Annual Permit 1_str	BOBJ1	186.26	After	Interior Girder 1	62.42	0.95	1	1	1.961591
Annual Permit 1_str	BOBJ1	186.26	After	Interior Girder 2	62.42	0.95	1	1	2.14955
Annual Permit 1_str	BOBJ1	186.26	After	Interior Girder 3	62.42	0.95	1	1	1.867018
Annual Permit 1_str	BOBJ1	186.26	After	Interior Girder 4	62.42	0.95	1	1	1.867018
Annual Permit 1_str	BOBJ1	186.26	After	Interior Girder 5	62.42	0.95	1	1	2.14955
Annual Permit 1_str	BOBJ1	186.26	After	Interior Girder 6	62.42	0.95	1	1	1.961591
Annual Permit 1_str	BOBJ1	191.26	Before	Left Exterior Girder	67.42	0.95	1	1	1.439372
Annual Permit 1_str	BOBJ1	191.26	Before	Interior Girder 1	67.42	0.95	1	1	1.054949
Annual Permit 1_str	BOBJ1	191.26	Before	Interior Girder 2	67.42	0.95	1	1	1.175931
Annual Permit 1_str	BOBJ1	191.26	Before	Interior Girder 3	67.42	0.95	1	1	0.942886
Annual Permit 1_str	BOBJ1	191.26	Before	Interior Girder 4	67.42	0.95	1	1	0.942886
Annual Permit 1_str	BOBJ1	191.26	Before	Interior Girder 5	67.42	0.95	1	1	1.175931

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelINonCompStrgth-Flx - Approach, Span 7-11									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Annual Permit 1_str	BOBJ1	191.26	Before	Interior Girder 6	67.42	0.95	1	1	1.054949
Annual Permit 1_str	BOBJ1	191.26	Before	Right Exterior Girder	67.42	0.95	1	1	1.439372
Annual Permit 1_str	BOBJ1	191.26	After	Left Exterior Girder	0	0.95	1	1	1.442586
Annual Permit 1_str	BOBJ1	191.26	After	Interior Girder 1	0	0.95	1	1	1.055783
Annual Permit 1_str	BOBJ1	191.26	After	Interior Girder 2	0	0.95	1	1	1.179386
Annual Permit 1_str	BOBJ1	191.26	After	Interior Girder 3	0	0.95	1	1	0.943395
Annual Permit 1_str	BOBJ1	191.26	After	Interior Girder 4	0	0.95	1	1	0.943395
Annual Permit 1_str	BOBJ1	191.26	After	Interior Girder 5	0	0.95	1	1	1.179386
Annual Permit 1_str	BOBJ1	191.26	After	Interior Girder 6	0	0.95	1	1	1.055783
Annual Permit 1_str	BOBJ1	191.26	After	Right Exterior Girder	0	0.95	1	1	1.442586
Annual Permit 1_str	BOBJ1	196.26	Before	Interior Girder 1	5	0.95	1	1	1.959965
Annual Permit 1_str	BOBJ1	196.26	Before	Interior Girder 2	5	0.95	1	1	2.150977
Annual Permit 1_str	BOBJ1	196.26	Before	Interior Girder 3	5	0.95	1	1	1.866571
Annual Permit 1_str	BOBJ1	196.26	Before	Interior Girder 4	5	0.95	1	1	1.866571
Annual Permit 1_str	BOBJ1	196.26	Before	Interior Girder 5	5	0.95	1	1	2.150977
Annual Permit 1_str	BOBJ1	196.26	Before	Interior Girder 6	5	0.95	1	1	1.959965
Annual Permit 1_str	BOBJ1	196.26	After	Interior Girder 1	5	0.95	1	1	1.357506
Annual Permit 1_str	BOBJ1	196.26	After	Interior Girder 2	5	0.95	1	1	1.526991
Annual Permit 1_str	BOBJ1	196.26	After	Interior Girder 3	5	0.95	1	1	1.294359
Annual Permit 1_str	BOBJ1	196.26	After	Interior Girder 4	5	0.95	1	1	1.294359
Annual Permit 1_str	BOBJ1	196.26	After	Interior Girder 5	5	0.95	1	1	1.526991
Annual Permit 1_str	BOBJ1	196.26	After	Interior Girder 6	5	0.95	1	1	1.357506
Annual Permit 1_str	BOBJ1	198.76	Before	Left Exterior Girder	7.5	0.95	1	1	3.605832
Annual Permit 1_str	BOBJ1	198.76	Before	Right Exterior Girder	7.5	0.95	1	1	3.605832
Annual Permit 1_str	BOBJ1	198.76	After	Left Exterior Girder	7.5	0.95	1	1	1.721589
Annual Permit 1_str	BOBJ1	198.76	After	Right Exterior Girder	7.5	0.95	1	1	1.721589
Annual Permit 1_str	BOBJ1	199.685	Before	Left Exterior Girder	8.425	0.95	1	1	2.048279
Annual Permit 1_str	BOBJ1	199.685	Before	Interior Girder 1	8.425	0.95	1	1	2.119732
Annual Permit 1_str	BOBJ1	199.685	Before	Interior Girder 2	8.425	0.95	1	1	2.382401
Annual Permit 1_str	BOBJ1	199.685	Before	Interior Girder 3	8.425	0.95	1	1	2.171029
Annual Permit 1_str	BOBJ1	199.685	Before	Interior Girder 4	8.425	0.95	1	1	2.171029
Annual Permit 1_str	BOBJ1	199.685	Before	Interior Girder 5	8.425	0.95	1	1	2.382401
Annual Permit 1_str	BOBJ1	199.685	Before	Interior Girder 6	8.425	0.95	1	1	2.119732
Annual Permit 1_str	BOBJ1	199.685	Before	Right Exterior Girder	8.425	0.95	1	1	2.048279
Annual Permit 1_str	BOBJ1	199.685	After	Left Exterior Girder	8.425	0.95	1	1	1.957623
Annual Permit 1_str	BOBJ1	199.685	After	Interior Girder 1	8.425	0.95	1	1	2.168413
Annual Permit 1_str	BOBJ1	199.685	After	Interior Girder 2	8.425	0.95	1	1	2.354048
Annual Permit 1_str	BOBJ1	199.685	After	Interior Girder 3	8.425	0.95	1	1	2.097122
Annual Permit 1_str	BOBJ1	199.685	After	Interior Girder 4	8.425	0.95	1	1	2.097122
Annual Permit 1_str	BOBJ1	199.685	After	Interior Girder 5	8.425	0.95	1	1	2.354048
Annual Permit 1_str	BOBJ1	199.685	After	Interior Girder 6	8.425	0.95	1	1	2.168413
Annual Permit 1_str	BOBJ1	199.685	After	Right Exterior Girder	8.425	0.95	1	1	1.957623
Annual Permit 1_str	BOBJ1	208.11	Before	Left Exterior Girder	16.85	0.95	1	1	2.93558
Annual Permit 1_str	BOBJ1	208.11	Before	Interior Girder 1	16.85	0.95	1	1	2.618725
Annual Permit 1_str	BOBJ1	208.11	Before	Interior Girder 2	16.85	0.95	1	1	2.635613
Annual Permit 1_str	BOBJ1	208.11	Before	Interior Girder 3	16.85	0.95	1	1	2.515863
Annual Permit 1_str	BOBJ1	208.11	Before	Interior Girder 4	16.85	0.95	1	1	2.515863
Annual Permit 1_str	BOBJ1	208.11	Before	Interior Girder 5	16.85	0.95	1	1	2.635613
Annual Permit 1_str	BOBJ1	208.11	Before	Interior Girder 6	16.85	0.95	1	1	2.618725
Annual Permit 1_str	BOBJ1	208.11	Before	Right Exterior Girder	16.85	0.95	1	1	2.93558
Annual Permit 1_str	BOBJ1	208.11	After	Left Exterior Girder	16.85	0.95	1	1	3.023772
Annual Permit 1_str	BOBJ1	208.11	After	Interior Girder 1	16.85	0.95	1	1	2.573618
Annual Permit 1_str	BOBJ1	208.11	After	Interior Girder 2	16.85	0.95	1	1	2.626961
Annual Permit 1_str	BOBJ1	208.11	After	Interior Girder 3	16.85	0.95	1	1	2.564962
Annual Permit 1_str	BOBJ1	208.11	After	Interior Girder 4	16.85	0.95	1	1	2.564962
Annual Permit 1_str	BOBJ1	208.11	After	Interior Girder 5	16.85	0.95	1	1	2.626961
Annual Permit 1_str	BOBJ1	208.11	After	Interior Girder 6	16.85	0.95	1	1	2.573618
Annual Permit 1_str	BOBJ1	208.11	After	Right Exterior Girder	16.85	0.95	1	1	3.023772
Annual Permit 1_str	BOBJ1	216.535	Before	Left Exterior Girder	25.275	0.95	1	1	1.807802
Annual Permit 1_str	BOBJ1	216.535	Before	Interior Girder 1	25.275	0.95	1	1	1.558894
Annual Permit 1_str	BOBJ1	216.535	Before	Interior Girder 2	25.275	0.95	1	1	1.65321
Annual Permit 1_str	BOBJ1	216.535	Before	Interior Girder 3	25.275	0.95	1	1	1.549776
Annual Permit 1_str	BOBJ1	216.535	Before	Interior Girder 4	25.275	0.95	1	1	1.549776
Annual Permit 1_str	BOBJ1	216.535	Before	Interior Girder 5	25.275	0.95	1	1	1.65321
Annual Permit 1_str	BOBJ1	216.535	Before	Interior Girder 6	25.275	0.95	1	1	1.558894

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelINonCompStrgth-Flx - Approach, Span 7-11									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Annual Permit 1_str	BOBJ1	216.535	Before	Right Exterior Girder	25.275	0.95	1	1	1.807802
Annual Permit 1_str	BOBJ1	216.535	After	Left Exterior Girder	25.275	0.95	1	1	1.838842
Annual Permit 1_str	BOBJ1	216.535	After	Interior Girder 1	25.275	0.95	1	1	1.546564
Annual Permit 1_str	BOBJ1	216.535	After	Interior Girder 2	25.275	0.95	1	1	1.647161
Annual Permit 1_str	BOBJ1	216.535	After	Interior Girder 3	25.275	0.95	1	1	1.564492
Annual Permit 1_str	BOBJ1	216.535	After	Interior Girder 4	25.275	0.95	1	1	1.564492
Annual Permit 1_str	BOBJ1	216.535	After	Interior Girder 5	25.275	0.95	1	1	1.647161
Annual Permit 1_str	BOBJ1	216.535	After	Interior Girder 6	25.275	0.95	1	1	1.546564
Annual Permit 1_str	BOBJ1	216.535	After	Right Exterior Girder	25.275	0.95	1	1	1.838842
Annual Permit 1_str	BOBJ1	224.96	Before	Left Exterior Girder	33.7	0.95	1	1	1.505843
Annual Permit 1_str	BOBJ1	224.96	Before	Interior Girder 1	33.7	0.95	1	1	1.479455
Annual Permit 1_str	BOBJ1	224.96	Before	Interior Girder 2	33.7	0.95	1	1	1.598401
Annual Permit 1_str	BOBJ1	224.96	Before	Interior Girder 3	33.7	0.95	1	1	1.602226
Annual Permit 1_str	BOBJ1	224.96	Before	Interior Girder 4	33.7	0.95	1	1	1.602226
Annual Permit 1_str	BOBJ1	224.96	Before	Interior Girder 5	33.7	0.95	1	1	1.598401
Annual Permit 1_str	BOBJ1	224.96	Before	Interior Girder 6	33.7	0.95	1	1	1.479455
Annual Permit 1_str	BOBJ1	224.96	Before	Right Exterior Girder	33.7	0.95	1	1	1.505843
Annual Permit 1_str	BOBJ1	224.96	After	Left Exterior Girder	33.7	0.95	1	1	1.503071
Annual Permit 1_str	BOBJ1	224.96	After	Interior Girder 1	33.7	0.95	1	1	1.47825
Annual Permit 1_str	BOBJ1	224.96	After	Interior Girder 2	33.7	0.95	1	1	1.601017
Annual Permit 1_str	BOBJ1	224.96	After	Interior Girder 3	33.7	0.95	1	1	1.602742
Annual Permit 1_str	BOBJ1	224.96	After	Interior Girder 4	33.7	0.95	1	1	1.602742
Annual Permit 1_str	BOBJ1	224.96	After	Interior Girder 5	33.7	0.95	1	1	1.601017
Annual Permit 1_str	BOBJ1	224.96	After	Interior Girder 6	33.7	0.95	1	1	1.47825
Annual Permit 1_str	BOBJ1	224.96	After	Right Exterior Girder	33.7	0.95	1	1	1.503071
Annual Permit 1_str	BOBJ1	233.385	Before	Left Exterior Girder	42.125	0.95	1	1	1.88856
Annual Permit 1_str	BOBJ1	233.385	Before	Interior Girder 1	42.125	0.95	1	1	1.566055
Annual Permit 1_str	BOBJ1	233.385	Before	Interior Girder 2	42.125	0.95	1	1	1.65854
Annual Permit 1_str	BOBJ1	233.385	Before	Interior Girder 3	42.125	0.95	1	1	1.569491
Annual Permit 1_str	BOBJ1	233.385	Before	Interior Girder 4	42.125	0.95	1	1	1.569491
Annual Permit 1_str	BOBJ1	233.385	Before	Interior Girder 5	42.125	0.95	1	1	1.65854
Annual Permit 1_str	BOBJ1	233.385	Before	Interior Girder 6	42.125	0.95	1	1	1.566055
Annual Permit 1_str	BOBJ1	233.385	Before	Right Exterior Girder	42.125	0.95	1	1	1.88856
Annual Permit 1_str	BOBJ1	233.385	After	Left Exterior Girder	42.125	0.95	1	1	1.852207
Annual Permit 1_str	BOBJ1	233.385	After	Interior Girder 1	42.125	0.95	1	1	1.580266
Annual Permit 1_str	BOBJ1	233.385	After	Interior Girder 2	42.125	0.95	1	1	1.665751
Annual Permit 1_str	BOBJ1	233.385	After	Interior Girder 3	42.125	0.95	1	1	1.554571
Annual Permit 1_str	BOBJ1	233.385	After	Interior Girder 4	42.125	0.95	1	1	1.554571
Annual Permit 1_str	BOBJ1	233.385	After	Interior Girder 5	42.125	0.95	1	1	1.665751
Annual Permit 1_str	BOBJ1	233.385	After	Interior Girder 6	42.125	0.95	1	1	1.580266
Annual Permit 1_str	BOBJ1	233.385	After	Right Exterior Girder	42.125	0.95	1	1	1.852207
Annual Permit 1_str	BOBJ1	241.81	Before	Left Exterior Girder	50.55	0.95	1	1	3.217394
Annual Permit 1_str	BOBJ1	241.81	Before	Interior Girder 1	50.55	0.95	1	1	2.662336
Annual Permit 1_str	BOBJ1	241.81	Before	Interior Girder 2	50.55	0.95	1	1	2.689789
Annual Permit 1_str	BOBJ1	241.81	Before	Interior Girder 3	50.55	0.95	1	1	2.617362
Annual Permit 1_str	BOBJ1	241.81	Before	Interior Girder 4	50.55	0.95	1	1	2.617362
Annual Permit 1_str	BOBJ1	241.81	Before	Interior Girder 5	50.55	0.95	1	1	2.689789
Annual Permit 1_str	BOBJ1	241.81	Before	Interior Girder 6	50.55	0.95	1	1	2.662336
Annual Permit 1_str	BOBJ1	241.81	Before	Right Exterior Girder	50.55	0.95	1	1	3.217394
Annual Permit 1_str	BOBJ1	241.81	After	Left Exterior Girder	50.55	0.95	1	1	3.132199
Annual Permit 1_str	BOBJ1	241.81	After	Interior Girder 1	50.55	0.95	1	1	2.710512
Annual Permit 1_str	BOBJ1	241.81	After	Interior Girder 2	50.55	0.95	1	1	2.713506
Annual Permit 1_str	BOBJ1	241.81	After	Interior Girder 3	50.55	0.95	1	1	2.611612
Annual Permit 1_str	BOBJ1	241.81	After	Interior Girder 4	50.55	0.95	1	1	2.611612
Annual Permit 1_str	BOBJ1	241.81	After	Interior Girder 5	50.55	0.95	1	1	2.713506
Annual Permit 1_str	BOBJ1	241.81	After	Interior Girder 6	50.55	0.95	1	1	2.710512
Annual Permit 1_str	BOBJ1	241.81	After	Right Exterior Girder	50.55	0.95	1	1	3.132199
Annual Permit 1_str	BOBJ1	245.18	Before	Left Exterior Girder	53.92	0.95	1	1	3.46382
Annual Permit 1_str	BOBJ1	245.18	Before	Interior Girder 1	53.92	0.95	1	1	3.476795
Annual Permit 1_str	BOBJ1	245.18	Before	Interior Girder 2	53.92	0.95	1	1	3.390931
Annual Permit 1_str	BOBJ1	245.18	Before	Interior Girder 3	53.92	0.95	1	1	3.163018
Annual Permit 1_str	BOBJ1	245.18	Before	Interior Girder 4	53.92	0.95	1	1	3.163018
Annual Permit 1_str	BOBJ1	245.18	Before	Interior Girder 5	53.92	0.95	1	1	3.390931
Annual Permit 1_str	BOBJ1	245.18	Before	Interior Girder 6	53.92	0.95	1	1	3.476795
Annual Permit 1_str	BOBJ1	245.18	Before	Right Exterior Girder	53.92	0.95	1	1	3.46382

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelINonCompStrgth-Flx - Approach, Span 7-11									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Annual Permit 1_str	BOBJ1	245.18	After	Left Exterior Girder	53.92	0.95	1	1	4.055227
Annual Permit 1_str	BOBJ1	245.18	After	Interior Girder 1	53.92	0.95	1	1	3.718308
Annual Permit 1_str	BOBJ1	245.18	After	Interior Girder 2	53.92	0.95	1	1	3.574773
Annual Permit 1_str	BOBJ1	245.18	After	Interior Girder 3	53.92	0.95	1	1	3.289346
Annual Permit 1_str	BOBJ1	245.18	After	Interior Girder 4	53.92	0.95	1	1	3.289346
Annual Permit 1_str	BOBJ1	245.18	After	Interior Girder 5	53.92	0.95	1	1	3.574773
Annual Permit 1_str	BOBJ1	245.18	After	Interior Girder 6	53.92	0.95	1	1	3.718308
Annual Permit 1_str	BOBJ1	245.18	After	Right Exterior Girder	53.92	0.95	1	1	4.055227
Annual Permit 1_str	BOBJ1	250.245	Before	Left Exterior Girder	58.985	0.95	1	1	2.476986
Annual Permit 1_str	BOBJ1	250.245	Before	Interior Girder 1	58.985	0.95	1	1	2.439665
Annual Permit 1_str	BOBJ1	250.245	Before	Interior Girder 2	58.985	0.95	1	1	2.602958
Annual Permit 1_str	BOBJ1	250.245	Before	Interior Girder 3	58.985	0.95	1	1	2.284872
Annual Permit 1_str	BOBJ1	250.245	Before	Interior Girder 4	58.985	0.95	1	1	2.284872
Annual Permit 1_str	BOBJ1	250.245	Before	Interior Girder 5	58.985	0.95	1	1	2.602958
Annual Permit 1_str	BOBJ1	250.245	Before	Interior Girder 6	58.985	0.95	1	1	2.439665
Annual Permit 1_str	BOBJ1	250.245	Before	Right Exterior Girder	58.985	0.95	1	1	2.476986
Annual Permit 1_str	BOBJ1	250.245	After	Left Exterior Girder	58.985	0.95	1	1	2.527278
Annual Permit 1_str	BOBJ1	250.245	After	Interior Girder 1	58.985	0.95	1	1	2.42748
Annual Permit 1_str	BOBJ1	250.245	After	Interior Girder 2	58.985	0.95	1	1	2.622796
Annual Permit 1_str	BOBJ1	250.245	After	Interior Girder 3	58.985	0.95	1	1	2.334312
Annual Permit 1_str	BOBJ1	250.245	After	Interior Girder 4	58.985	0.95	1	1	2.334312
Annual Permit 1_str	BOBJ1	250.245	After	Interior Girder 5	58.985	0.95	1	1	2.622796
Annual Permit 1_str	BOBJ1	250.245	After	Interior Girder 6	58.985	0.95	1	1	2.42748
Annual Permit 1_str	BOBJ1	250.245	After	Right Exterior Girder	58.985	0.95	1	1	2.527278
Annual Permit 1_str	BOBJ1	251.68	Before	Left Exterior Girder	60.42	0.95	1	1	1.966002
Annual Permit 1_str	BOBJ1	251.68	Before	Right Exterior Girder	60.42	0.95	1	1	1.966002
Annual Permit 1_str	BOBJ1	251.68	After	Left Exterior Girder	60.42	0.95	1	1	3.574758
Annual Permit 1_str	BOBJ1	251.68	After	Right Exterior Girder	60.42	0.95	1	1	3.574758
Annual Permit 1_str	BOBJ1	254.18	Before	Interior Girder 1	62.92	0.95	1	1	1.410413
Annual Permit 1_str	BOBJ1	254.18	Before	Interior Girder 2	62.92	0.95	1	1	1.54655
Annual Permit 1_str	BOBJ1	254.18	Before	Interior Girder 3	62.92	0.95	1	1	1.292498
Annual Permit 1_str	BOBJ1	254.18	Before	Interior Girder 4	62.92	0.95	1	1	1.292498
Annual Permit 1_str	BOBJ1	254.18	Before	Interior Girder 5	62.92	0.95	1	1	1.54655
Annual Permit 1_str	BOBJ1	254.18	Before	Interior Girder 6	62.92	0.95	1	1	1.410413
Annual Permit 1_str	BOBJ1	254.18	After	Interior Girder 1	62.92	0.95	1	1	1.769944
Annual Permit 1_str	BOBJ1	254.18	After	Interior Girder 2	62.92	0.95	1	1	1.903599
Annual Permit 1_str	BOBJ1	254.18	After	Interior Girder 3	62.92	0.95	1	1	1.622868
Annual Permit 1_str	BOBJ1	254.18	After	Interior Girder 4	62.92	0.95	1	1	1.622868
Annual Permit 1_str	BOBJ1	254.18	After	Interior Girder 5	62.92	0.95	1	1	1.903599
Annual Permit 1_str	BOBJ1	254.18	After	Interior Girder 6	62.92	0.95	1	1	1.769944
Annual Permit 1_str	BOBJ1	258.68	Before	Left Exterior Girder	67.42	0.95	1	1	1.470121
Annual Permit 1_str	BOBJ1	258.68	Before	Interior Girder 1	67.42	0.95	1	1	0.997577
Annual Permit 1_str	BOBJ1	258.68	Before	Interior Girder 2	67.42	0.95	1	1	1.094013
Annual Permit 1_str	BOBJ1	258.68	Before	Interior Girder 3	67.42	0.95	1	1	0.865962
Annual Permit 1_str	BOBJ1	258.68	Before	Interior Girder 4	67.42	0.95	1	1	0.865962
Annual Permit 1_str	BOBJ1	258.68	Before	Interior Girder 5	67.42	0.95	1	1	1.094013
Annual Permit 1_str	BOBJ1	258.68	Before	Interior Girder 6	67.42	0.95	1	1	0.997577
Annual Permit 1_str	BOBJ1	258.68	Before	Right Exterior Girder	67.42	0.95	1	1	1.470121
Annual Permit 1_str	BOBJ1	258.68	After	Left Exterior Girder	0	0.95	1	1	1.407333
Annual Permit 1_str	BOBJ1	258.68	After	Interior Girder 1	0	0.95	1	1	0.944556
Annual Permit 1_str	BOBJ1	258.68	After	Interior Girder 2	0	0.95	1	1	1.039334
Annual Permit 1_str	BOBJ1	258.68	After	Interior Girder 3	0	0.95	1	1	0.820975
Annual Permit 1_str	BOBJ1	258.68	After	Interior Girder 4	0	0.95	1	1	0.820975
Annual Permit 1_str	BOBJ1	258.68	After	Interior Girder 5	0	0.95	1	1	1.039334
Annual Permit 1_str	BOBJ1	258.68	After	Interior Girder 6	0	0.95	1	1	0.944556
Annual Permit 1_str	BOBJ1	258.68	After	Right Exterior Girder	0	0.95	1	1	1.407333
Annual Permit 1_str	BOBJ1	263.18	Before	Interior Girder 1	4.5	0.95	1	1	1.725549
Annual Permit 1_str	BOBJ1	263.18	Before	Interior Girder 2	4.5	0.95	1	1	1.872449
Annual Permit 1_str	BOBJ1	263.18	Before	Interior Girder 3	4.5	0.95	1	1	1.604225
Annual Permit 1_str	BOBJ1	263.18	Before	Interior Girder 4	4.5	0.95	1	1	1.604225
Annual Permit 1_str	BOBJ1	263.18	Before	Interior Girder 5	4.5	0.95	1	1	1.872449
Annual Permit 1_str	BOBJ1	263.18	Before	Interior Girder 6	4.5	0.95	1	1	1.725549
Annual Permit 1_str	BOBJ1	263.18	After	Interior Girder 1	4.5	0.95	1	1	1.375607
Annual Permit 1_str	BOBJ1	263.18	After	Interior Girder 2	4.5	0.95	1	1	1.516783
Annual Permit 1_str	BOBJ1	263.18	After	Interior Girder 3	4.5	0.95	1	1	1.273369

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelINonCompStrgth-Flx - Approach, Span 7-11									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Annual Permit 1_str	BOBJ1	263.18	After	Interior Girder 4	4.5	0.95	1	1	1.273369
Annual Permit 1_str	BOBJ1	263.18	After	Interior Girder 5	4.5	0.95	1	1	1.516783
Annual Permit 1_str	BOBJ1	263.18	After	Interior Girder 6	4.5	0.95	1	1	1.375607
Annual Permit 1_str	BOBJ1	265.68	Before	Left Exterior Girder	7	0.95	1	1	3.312304
Annual Permit 1_str	BOBJ1	265.68	Before	Right Exterior Girder	7	0.95	1	1	3.312304
Annual Permit 1_str	BOBJ1	265.68	After	Left Exterior Girder	7	0.95	1	1	1.827381
Annual Permit 1_str	BOBJ1	265.68	After	Right Exterior Girder	7	0.95	1	1	1.827381
Annual Permit 1_str	BOBJ1	268.08	Before	Left Exterior Girder	9.4	0.95	1	1	2.484892
Annual Permit 1_str	BOBJ1	268.08	Before	Interior Girder 1	9.4	0.95	1	1	2.49413
Annual Permit 1_str	BOBJ1	268.08	Before	Interior Girder 2	9.4	0.95	1	1	2.762
Annual Permit 1_str	BOBJ1	268.08	Before	Interior Girder 3	9.4	0.95	1	1	2.664902
Annual Permit 1_str	BOBJ1	268.08	Before	Interior Girder 4	9.4	0.95	1	1	2.664902
Annual Permit 1_str	BOBJ1	268.08	Before	Interior Girder 5	9.4	0.95	1	1	2.762
Annual Permit 1_str	BOBJ1	268.08	Before	Interior Girder 6	9.4	0.95	1	1	2.49413
Annual Permit 1_str	BOBJ1	268.08	Before	Right Exterior Girder	9.4	0.95	1	1	2.484892
Annual Permit 1_str	BOBJ1	268.08	After	Left Exterior Girder	9.4	0.95	1	1	2.400146
Annual Permit 1_str	BOBJ1	268.08	After	Interior Girder 1	9.4	0.95	1	1	2.533332
Annual Permit 1_str	BOBJ1	268.08	After	Interior Girder 2	9.4	0.95	1	1	2.735645
Annual Permit 1_str	BOBJ1	268.08	After	Interior Girder 3	9.4	0.95	1	1	2.573944
Annual Permit 1_str	BOBJ1	268.08	After	Interior Girder 4	9.4	0.95	1	1	2.573944
Annual Permit 1_str	BOBJ1	268.08	After	Interior Girder 5	9.4	0.95	1	1	2.735645
Annual Permit 1_str	BOBJ1	268.08	After	Interior Girder 6	9.4	0.95	1	1	2.533332
Annual Permit 1_str	BOBJ1	268.08	After	Right Exterior Girder	9.4	0.95	1	1	2.400146
Annual Permit 1_str	BOBJ1	277.48	Before	Left Exterior Girder	18.8	0.95	1	1	2.527534
Annual Permit 1_str	BOBJ1	277.48	Before	Interior Girder 1	18.8	0.95	1	1	2.263509
Annual Permit 1_str	BOBJ1	277.48	Before	Interior Girder 2	18.8	0.95	1	1	2.299604
Annual Permit 1_str	BOBJ1	277.48	Before	Interior Girder 3	18.8	0.95	1	1	2.227471
Annual Permit 1_str	BOBJ1	277.48	Before	Interior Girder 4	18.8	0.95	1	1	2.227471
Annual Permit 1_str	BOBJ1	277.48	Before	Interior Girder 5	18.8	0.95	1	1	2.299604
Annual Permit 1_str	BOBJ1	277.48	Before	Interior Girder 6	18.8	0.95	1	1	2.263509
Annual Permit 1_str	BOBJ1	277.48	Before	Right Exterior Girder	18.8	0.95	1	1	2.527534
Annual Permit 1_str	BOBJ1	277.48	After	Left Exterior Girder	18.8	0.95	1	1	2.591109
Annual Permit 1_str	BOBJ1	277.48	After	Interior Girder 1	18.8	0.95	1	1	2.220237
Annual Permit 1_str	BOBJ1	277.48	After	Interior Girder 2	18.8	0.95	1	1	2.297931
Annual Permit 1_str	BOBJ1	277.48	After	Interior Girder 3	18.8	0.95	1	1	2.26067
Annual Permit 1_str	BOBJ1	277.48	After	Interior Girder 4	18.8	0.95	1	1	2.26067
Annual Permit 1_str	BOBJ1	277.48	After	Interior Girder 5	18.8	0.95	1	1	2.297931
Annual Permit 1_str	BOBJ1	277.48	After	Interior Girder 6	18.8	0.95	1	1	2.220237
Annual Permit 1_str	BOBJ1	277.48	After	Right Exterior Girder	18.8	0.95	1	1	2.591109
Annual Permit 1_str	BOBJ1	286.88	Before	Left Exterior Girder	28.2	0.95	1	1	1.79308
Annual Permit 1_str	BOBJ1	286.88	Before	Interior Girder 1	28.2	0.95	1	1	1.454091
Annual Permit 1_str	BOBJ1	286.88	Before	Interior Girder 2	28.2	0.95	1	1	1.526818
Annual Permit 1_str	BOBJ1	286.88	Before	Interior Girder 3	28.2	0.95	1	1	1.411404
Annual Permit 1_str	BOBJ1	286.88	Before	Interior Girder 4	28.2	0.95	1	1	1.411404
Annual Permit 1_str	BOBJ1	286.88	Before	Interior Girder 5	28.2	0.95	1	1	1.526818
Annual Permit 1_str	BOBJ1	286.88	Before	Interior Girder 6	28.2	0.95	1	1	1.454091
Annual Permit 1_str	BOBJ1	286.88	Before	Right Exterior Girder	28.2	0.95	1	1	1.79308
Annual Permit 1_str	BOBJ1	286.88	After	Left Exterior Girder	28.2	0.95	1	1	1.802569
Annual Permit 1_str	BOBJ1	286.88	After	Interior Girder 1	28.2	0.95	1	1	1.44796
Annual Permit 1_str	BOBJ1	286.88	After	Interior Girder 2	28.2	0.95	1	1	1.527241
Annual Permit 1_str	BOBJ1	286.88	After	Interior Girder 3	28.2	0.95	1	1	1.421018
Annual Permit 1_str	BOBJ1	286.88	After	Interior Girder 4	28.2	0.95	1	1	1.421018
Annual Permit 1_str	BOBJ1	286.88	After	Interior Girder 5	28.2	0.95	1	1	1.527241
Annual Permit 1_str	BOBJ1	286.88	After	Interior Girder 6	28.2	0.95	1	1	1.44796
Annual Permit 1_str	BOBJ1	286.88	After	Right Exterior Girder	28.2	0.95	1	1	1.802569
Annual Permit 1_str	BOBJ1	296.28	Before	Left Exterior Girder	37.6	0.95	1	1	1.628655
Annual Permit 1_str	BOBJ1	296.28	Before	Interior Girder 1	37.6	0.95	1	1	1.478368
Annual Permit 1_str	BOBJ1	296.28	Before	Interior Girder 2	37.6	0.95	1	1	1.591708
Annual Permit 1_str	BOBJ1	296.28	Before	Interior Girder 3	37.6	0.95	1	1	1.565253
Annual Permit 1_str	BOBJ1	296.28	Before	Interior Girder 4	37.6	0.95	1	1	1.565253
Annual Permit 1_str	BOBJ1	296.28	Before	Interior Girder 5	37.6	0.95	1	1	1.591708
Annual Permit 1_str	BOBJ1	296.28	Before	Interior Girder 6	37.6	0.95	1	1	1.478368
Annual Permit 1_str	BOBJ1	296.28	Before	Right Exterior Girder	37.6	0.95	1	1	1.628655
Annual Permit 1_str	BOBJ1	296.28	After	Left Exterior Girder	37.6	0.95	1	1	1.606773
Annual Permit 1_str	BOBJ1	296.28	After	Interior Girder 1	37.6	0.95	1	1	1.494417

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelINonCompStrgth-Flx - Approach, Span 7-11									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Annual Permit 1_str	BOBJ1	296.28	After	Interior Girder 2	37.6	0.95	1	1	1.589792
Annual Permit 1_str	BOBJ1	296.28	After	Interior Girder 3	37.6	0.95	1	1	1.551968
Annual Permit 1_str	BOBJ1	296.28	After	Interior Girder 4	37.6	0.95	1	1	1.551968
Annual Permit 1_str	BOBJ1	296.28	After	Interior Girder 5	37.6	0.95	1	1	1.589792
Annual Permit 1_str	BOBJ1	296.28	After	Interior Girder 6	37.6	0.95	1	1	1.494417
Annual Permit 1_str	BOBJ1	296.28	After	Right Exterior Girder	37.6	0.95	1	1	1.606773
Annual Permit 1_str	BOBJ1	305.69	Before	Left Exterior Girder	47.01	0.95	1	1	2.926117
Annual Permit 1_str	BOBJ1	305.69	Before	Interior Girder 1	47.01	0.95	1	1	2.097322
Annual Permit 1_str	BOBJ1	305.69	Before	Interior Girder 2	47.01	0.95	1	1	2.151862
Annual Permit 1_str	BOBJ1	305.69	Before	Interior Girder 3	47.01	0.95	1	1	1.948698
Annual Permit 1_str	BOBJ1	305.69	Before	Interior Girder 4	47.01	0.95	1	1	1.948698
Annual Permit 1_str	BOBJ1	305.69	Before	Interior Girder 5	47.01	0.95	1	1	2.151862
Annual Permit 1_str	BOBJ1	305.69	Before	Interior Girder 6	47.01	0.95	1	1	2.097322
Annual Permit 1_str	BOBJ1	305.69	Before	Right Exterior Girder	47.01	0.95	1	1	2.926117
Annual Permit 1_str	BOBJ1	305.69	After	Left Exterior Girder	47.01	0.95	1	1	2.903527
Annual Permit 1_str	BOBJ1	305.69	After	Interior Girder 1	47.01	0.95	1	1	2.107518
Annual Permit 1_str	BOBJ1	305.69	After	Interior Girder 2	47.01	0.95	1	1	2.097116
Annual Permit 1_str	BOBJ1	305.69	After	Interior Girder 3	47.01	0.95	1	1	1.876682
Annual Permit 1_str	BOBJ1	305.69	After	Interior Girder 4	47.01	0.95	1	1	1.876682
Annual Permit 1_str	BOBJ1	305.69	After	Interior Girder 5	47.01	0.95	1	1	2.097116
Annual Permit 1_str	BOBJ1	305.69	After	Interior Girder 6	47.01	0.95	1	1	2.107518
Annual Permit 1_str	BOBJ1	305.69	After	Right Exterior Girder	47.01	0.95	1	1	2.903527
Annual Permit 1_str	BOBJ1	315.1	Before	Left Exterior Girder	56.42	0.95	1	1	226.581453
Annual Permit 1_str	BOBJ1	315.1	Before	Interior Girder 1	56.42	0.95	1	1	221.105166
Annual Permit 1_str	BOBJ1	315.1	Before	Interior Girder 2	56.42	0.95	1	1	152.128168
Annual Permit 1_str	BOBJ1	315.1	Before	Interior Girder 3	56.42	0.95	1	1	115.9961
Annual Permit 1_str	BOBJ1	315.1	Before	Interior Girder 4	56.42	0.95	1	1	115.996099
Annual Permit 1_str	BOBJ1	315.1	Before	Interior Girder 5	56.42	0.95	1	1	152.128168
Annual Permit 1_str	BOBJ1	315.1	Before	Interior Girder 6	56.42	0.95	1	1	221.105165
Annual Permit 1_str	BOBJ1	315.1	Before	Right Exterior Girder	56.42	0.95	1	1	226.581454
Annual Permit 2_str	BOBJ1	0	After	Left Exterior Girder	0	0.95	1	1	170.42281
Annual Permit 2_str	BOBJ1	0	After	Interior Girder 1	0	0.95	1	1	160.306549
Annual Permit 2_str	BOBJ1	0	After	Interior Girder 2	0	0.95	1	1	150.728952
Annual Permit 2_str	BOBJ1	0	After	Interior Girder 3	0	0.95	1	1	99.378175
Annual Permit 2_str	BOBJ1	0	After	Interior Girder 4	0	0.95	1	1	99.378175
Annual Permit 2_str	BOBJ1	0	After	Interior Girder 5	0	0.95	1	1	150.728952
Annual Permit 2_str	BOBJ1	0	After	Interior Girder 6	0	0.95	1	1	160.306552
Annual Permit 2_str	BOBJ1	0	After	Right Exterior Girder	0	0.95	1	1	170.42281
Annual Permit 2_str	BOBJ1	9.4	Before	Left Exterior Girder	9.4	0.95	1	1	2.572193
Annual Permit 2_str	BOBJ1	9.4	Before	Interior Girder 1	9.4	0.95	1	1	1.874002
Annual Permit 2_str	BOBJ1	9.4	Before	Interior Girder 2	9.4	0.95	1	1	1.873242
Annual Permit 2_str	BOBJ1	9.4	Before	Interior Girder 3	9.4	0.95	1	1	1.669374
Annual Permit 2_str	BOBJ1	9.4	Before	Interior Girder 4	9.4	0.95	1	1	1.669374
Annual Permit 2_str	BOBJ1	9.4	Before	Interior Girder 5	9.4	0.95	1	1	1.873242
Annual Permit 2_str	BOBJ1	9.4	Before	Interior Girder 6	9.4	0.95	1	1	1.874002
Annual Permit 2_str	BOBJ1	9.4	Before	Right Exterior Girder	9.4	0.95	1	1	2.572193
Annual Permit 2_str	BOBJ1	9.4	After	Left Exterior Girder	9.4	0.95	1	1	2.605283
Annual Permit 2_str	BOBJ1	9.4	After	Interior Girder 1	9.4	0.95	1	1	1.857684
Annual Permit 2_str	BOBJ1	9.4	After	Interior Girder 2	9.4	0.95	1	1	1.916626
Annual Permit 2_str	BOBJ1	9.4	After	Interior Girder 3	9.4	0.95	1	1	1.73381
Annual Permit 2_str	BOBJ1	9.4	After	Interior Girder 4	9.4	0.95	1	1	1.73381
Annual Permit 2_str	BOBJ1	9.4	After	Interior Girder 5	9.4	0.95	1	1	1.916626
Annual Permit 2_str	BOBJ1	9.4	After	Interior Girder 6	9.4	0.95	1	1	1.857684
Annual Permit 2_str	BOBJ1	9.4	After	Right Exterior Girder	9.4	0.95	1	1	2.605283
Annual Permit 2_str	BOBJ1	18.8	Before	Left Exterior Girder	18.8	0.95	1	1	1.436287
Annual Permit 2_str	BOBJ1	18.8	Before	Interior Girder 1	18.8	0.95	1	1	1.343856
Annual Permit 2_str	BOBJ1	18.8	Before	Interior Girder 2	18.8	0.95	1	1	1.455798
Annual Permit 2_str	BOBJ1	18.8	Before	Interior Girder 3	18.8	0.95	1	1	1.408643
Annual Permit 2_str	BOBJ1	18.8	Before	Interior Girder 4	18.8	0.95	1	1	1.408643
Annual Permit 2_str	BOBJ1	18.8	Before	Interior Girder 5	18.8	0.95	1	1	1.455798
Annual Permit 2_str	BOBJ1	18.8	Before	Interior Girder 6	18.8	0.95	1	1	1.343856
Annual Permit 2_str	BOBJ1	18.8	Before	Right Exterior Girder	18.8	0.95	1	1	1.436287
Annual Permit 2_str	BOBJ1	18.8	After	Left Exterior Girder	18.8	0.95	1	1	1.455381
Annual Permit 2_str	BOBJ1	18.8	After	Interior Girder 1	18.8	0.95	1	1	1.329311
Annual Permit 2_str	BOBJ1	18.8	After	Interior Girder 2	18.8	0.95	1	1	1.457084

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelINonCompStrgth-Flx - Approach, Span 7-11									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Annual Permit 2_str	BOBJ1	18.8	After	Interior Girder 3	18.8	0.95	1	1	1.420286
Annual Permit 2_str	BOBJ1	18.8	After	Interior Girder 4	18.8	0.95	1	1	1.420286
Annual Permit 2_str	BOBJ1	18.8	After	Interior Girder 5	18.8	0.95	1	1	1.457084
Annual Permit 2_str	BOBJ1	18.8	After	Interior Girder 6	18.8	0.95	1	1	1.329311
Annual Permit 2_str	BOBJ1	18.8	After	Right Exterior Girder	18.8	0.95	1	1	1.455381
Annual Permit 2_str	BOBJ1	28.2	Before	Left Exterior Girder	28.2	0.95	1	1	1.563183
Annual Permit 2_str	BOBJ1	28.2	Before	Interior Girder 1	28.2	0.95	1	1	1.286463
Annual Permit 2_str	BOBJ1	28.2	Before	Interior Girder 2	28.2	0.95	1	1	1.383351
Annual Permit 2_str	BOBJ1	28.2	Before	Interior Girder 3	28.2	0.95	1	1	1.28044
Annual Permit 2_str	BOBJ1	28.2	Before	Interior Girder 4	28.2	0.95	1	1	1.28044
Annual Permit 2_str	BOBJ1	28.2	Before	Interior Girder 5	28.2	0.95	1	1	1.383351
Annual Permit 2_str	BOBJ1	28.2	Before	Interior Girder 6	28.2	0.95	1	1	1.286463
Annual Permit 2_str	BOBJ1	28.2	Before	Right Exterior Girder	28.2	0.95	1	1	1.563183
Annual Permit 2_str	BOBJ1	28.2	After	Left Exterior Girder	28.2	0.95	1	1	1.551834
Annual Permit 2_str	BOBJ1	28.2	After	Interior Girder 1	28.2	0.95	1	1	1.291672
Annual Permit 2_str	BOBJ1	28.2	After	Interior Girder 2	28.2	0.95	1	1	1.38106
Annual Permit 2_str	BOBJ1	28.2	After	Interior Girder 3	28.2	0.95	1	1	1.273628
Annual Permit 2_str	BOBJ1	28.2	After	Interior Girder 4	28.2	0.95	1	1	1.273628
Annual Permit 2_str	BOBJ1	28.2	After	Interior Girder 5	28.2	0.95	1	1	1.38106
Annual Permit 2_str	BOBJ1	28.2	After	Interior Girder 6	28.2	0.95	1	1	1.291672
Annual Permit 2_str	BOBJ1	28.2	After	Right Exterior Girder	28.2	0.95	1	1	1.551834
Annual Permit 2_str	BOBJ1	37.6	Before	Left Exterior Girder	37.6	0.95	1	1	2.308303
Annual Permit 2_str	BOBJ1	37.6	Before	Interior Girder 1	37.6	0.95	1	1	1.997184
Annual Permit 2_str	BOBJ1	37.6	Before	Interior Girder 2	37.6	0.95	1	1	2.12612
Annual Permit 2_str	BOBJ1	37.6	Before	Interior Girder 3	37.6	0.95	1	1	2.047262
Annual Permit 2_str	BOBJ1	37.6	Before	Interior Girder 4	37.6	0.95	1	1	2.047262
Annual Permit 2_str	BOBJ1	37.6	Before	Interior Girder 5	37.6	0.95	1	1	2.12612
Annual Permit 2_str	BOBJ1	37.6	Before	Interior Girder 6	37.6	0.95	1	1	1.997184
Annual Permit 2_str	BOBJ1	37.6	Before	Right Exterior Girder	37.6	0.95	1	1	2.308303
Annual Permit 2_str	BOBJ1	37.6	After	Left Exterior Girder	37.6	0.95	1	1	2.250267
Annual Permit 2_str	BOBJ1	37.6	After	Interior Girder 1	37.6	0.95	1	1	2.038487
Annual Permit 2_str	BOBJ1	37.6	After	Interior Girder 2	37.6	0.95	1	1	2.122948
Annual Permit 2_str	BOBJ1	37.6	After	Interior Girder 3	37.6	0.95	1	1	2.004228
Annual Permit 2_str	BOBJ1	37.6	After	Interior Girder 4	37.6	0.95	1	1	2.004228
Annual Permit 2_str	BOBJ1	37.6	After	Interior Girder 5	37.6	0.95	1	1	2.122948
Annual Permit 2_str	BOBJ1	37.6	After	Interior Girder 6	37.6	0.95	1	1	2.038487
Annual Permit 2_str	BOBJ1	37.6	After	Right Exterior Girder	37.6	0.95	1	1	2.250267
Annual Permit 2_str	BOBJ1	47.01	Before	Left Exterior Girder	47.01	0.95	1	1	1.909278
Annual Permit 2_str	BOBJ1	47.01	Before	Interior Girder 1	47.01	0.95	1	1	2.029266
Annual Permit 2_str	BOBJ1	47.01	Before	Interior Girder 2	47.01	0.95	1	1	2.348816
Annual Permit 2_str	BOBJ1	47.01	Before	Interior Girder 3	47.01	0.95	1	1	2.290818
Annual Permit 2_str	BOBJ1	47.01	Before	Interior Girder 4	47.01	0.95	1	1	2.290818
Annual Permit 2_str	BOBJ1	47.01	Before	Interior Girder 5	47.01	0.95	1	1	2.348816
Annual Permit 2_str	BOBJ1	47.01	Before	Interior Girder 6	47.01	0.95	1	1	2.029266
Annual Permit 2_str	BOBJ1	47.01	Before	Right Exterior Girder	47.01	0.95	1	1	1.909278
Annual Permit 2_str	BOBJ1	47.01	After	Left Exterior Girder	47.01	0.95	1	1	1.962259
Annual Permit 2_str	BOBJ1	47.01	After	Interior Girder 1	47.01	0.95	1	1	1.980725
Annual Permit 2_str	BOBJ1	47.01	After	Interior Girder 2	47.01	0.95	1	1	2.321699
Annual Permit 2_str	BOBJ1	47.01	After	Interior Girder 3	47.01	0.95	1	1	2.27672
Annual Permit 2_str	BOBJ1	47.01	After	Interior Girder 4	47.01	0.95	1	1	2.27672
Annual Permit 2_str	BOBJ1	47.01	After	Interior Girder 5	47.01	0.95	1	1	2.321699
Annual Permit 2_str	BOBJ1	47.01	After	Interior Girder 6	47.01	0.95	1	1	1.980725
Annual Permit 2_str	BOBJ1	47.01	After	Right Exterior Girder	47.01	0.95	1	1	1.962259
Annual Permit 2_str	BOBJ1	49.42	Before	Left Exterior Girder	49.42	0.95	1	1	1.584362
Annual Permit 2_str	BOBJ1	49.42	Before	Right Exterior Girder	49.42	0.95	1	1	1.584362
Annual Permit 2_str	BOBJ1	49.42	After	Left Exterior Girder	49.42	0.95	1	1	2.877072
Annual Permit 2_str	BOBJ1	49.42	After	Right Exterior Girder	49.42	0.95	1	1	2.877072
Annual Permit 2_str	BOBJ1	51.92	Before	Interior Girder 1	51.92	0.95	1	1	1.441309
Annual Permit 2_str	BOBJ1	51.92	Before	Interior Girder 2	51.92	0.95	1	1	1.7025
Annual Permit 2_str	BOBJ1	51.92	Before	Interior Girder 3	51.92	0.95	1	1	1.529973
Annual Permit 2_str	BOBJ1	51.92	Before	Interior Girder 4	51.92	0.95	1	1	1.529973
Annual Permit 2_str	BOBJ1	51.92	Before	Interior Girder 5	51.92	0.95	1	1	1.7025
Annual Permit 2_str	BOBJ1	51.92	Before	Interior Girder 6	51.92	0.95	1	1	1.441309
Annual Permit 2_str	BOBJ1	51.92	After	Interior Girder 1	51.92	0.95	1	1	1.803355
Annual Permit 2_str	BOBJ1	51.92	After	Interior Girder 2	51.92	0.95	1	1	2.077847

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelINonCompStrgth-Flx - Approach, Span 7-11									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Annual Permit 2_str	BOBJ1	51.92	After	Interior Girder 3	51.92	0.95	1	1	1.883909
Annual Permit 2_str	BOBJ1	51.92	After	Interior Girder 4	51.92	0.95	1	1	1.883909
Annual Permit 2_str	BOBJ1	51.92	After	Interior Girder 5	51.92	0.95	1	1	2.077847
Annual Permit 2_str	BOBJ1	51.92	After	Interior Girder 6	51.92	0.95	1	1	1.803355
Annual Permit 2_str	BOBJ1	56.42	Before	Left Exterior Girder	56.42	0.95	1	1	1.603033
Annual Permit 2_str	BOBJ1	56.42	Before	Interior Girder 1	56.42	0.95	1	1	1.026072
Annual Permit 2_str	BOBJ1	56.42	Before	Interior Girder 2	56.42	0.95	1	1	1.107969
Annual Permit 2_str	BOBJ1	56.42	Before	Interior Girder 3	56.42	0.95	1	1	0.83783
Annual Permit 2_str	BOBJ1	56.42	Before	Interior Girder 4	56.42	0.95	1	1	0.83783
Annual Permit 2_str	BOBJ1	56.42	Before	Interior Girder 5	56.42	0.95	1	1	1.107969
Annual Permit 2_str	BOBJ1	56.42	Before	Interior Girder 6	56.42	0.95	1	1	1.026072
Annual Permit 2_str	BOBJ1	56.42	Before	Right Exterior Girder	56.42	0.95	1	1	1.603033
Annual Permit 2_str	BOBJ1	56.42	After	Left Exterior Girder	0	0.95	1	1	1.7057
Annual Permit 2_str	BOBJ1	56.42	After	Interior Girder 1	0	0.95	1	1	1.079035
Annual Permit 2_str	BOBJ1	56.42	After	Interior Girder 2	0	0.95	1	1	1.162104
Annual Permit 2_str	BOBJ1	56.42	After	Interior Girder 3	0	0.95	1	1	0.875798
Annual Permit 2_str	BOBJ1	56.42	After	Interior Girder 4	0	0.95	1	1	0.875798
Annual Permit 2_str	BOBJ1	56.42	After	Interior Girder 5	0	0.95	1	1	1.162104
Annual Permit 2_str	BOBJ1	56.42	After	Interior Girder 6	0	0.95	1	1	1.079035
Annual Permit 2_str	BOBJ1	56.42	After	Right Exterior Girder	0	0.95	1	1	1.7057
Annual Permit 2_str	BOBJ1	60.92	Before	Interior Girder 1	4.5	0.95	1	1	2.291203
Annual Permit 2_str	BOBJ1	60.92	Before	Interior Girder 2	4.5	0.95	1	1	2.456093
Annual Permit 2_str	BOBJ1	60.92	Before	Interior Girder 3	4.5	0.95	1	1	2.007536
Annual Permit 2_str	BOBJ1	60.92	Before	Interior Girder 4	4.5	0.95	1	1	2.007536
Annual Permit 2_str	BOBJ1	60.92	Before	Interior Girder 5	4.5	0.95	1	1	2.456093
Annual Permit 2_str	BOBJ1	60.92	Before	Interior Girder 6	4.5	0.95	1	1	2.291203
Annual Permit 2_str	BOBJ1	60.92	After	Interior Girder 1	4.5	0.95	1	1	1.8108
Annual Permit 2_str	BOBJ1	60.92	After	Interior Girder 2	4.5	0.95	1	1	1.99585
Annual Permit 2_str	BOBJ1	60.92	After	Interior Girder 3	4.5	0.95	1	1	1.595439
Annual Permit 2_str	BOBJ1	60.92	After	Interior Girder 4	4.5	0.95	1	1	1.595439
Annual Permit 2_str	BOBJ1	60.92	After	Interior Girder 5	4.5	0.95	1	1	1.99585
Annual Permit 2_str	BOBJ1	60.92	After	Interior Girder 6	4.5	0.95	1	1	1.8108
Annual Permit 2_str	BOBJ1	63.42	Before	Left Exterior Girder	7	0.95	1	1	4.024715
Annual Permit 2_str	BOBJ1	63.42	Before	Right Exterior Girder	7	0.95	1	1	4.024715
Annual Permit 2_str	BOBJ1	63.42	After	Left Exterior Girder	7	0.95	1	1	2.209897
Annual Permit 2_str	BOBJ1	63.42	After	Right Exterior Girder	7	0.95	1	1	2.209897
Annual Permit 2_str	BOBJ1	64.845	Before	Left Exterior Girder	8.425	0.95	1	1	2.499374
Annual Permit 2_str	BOBJ1	64.845	Before	Interior Girder 1	8.425	0.95	1	1	2.435642
Annual Permit 2_str	BOBJ1	64.845	Before	Interior Girder 2	8.425	0.95	1	1	2.72916
Annual Permit 2_str	BOBJ1	64.845	Before	Interior Girder 3	8.425	0.95	1	1	2.525504
Annual Permit 2_str	BOBJ1	64.845	Before	Interior Girder 4	8.425	0.95	1	1	2.525504
Annual Permit 2_str	BOBJ1	64.845	Before	Interior Girder 5	8.425	0.95	1	1	2.72916
Annual Permit 2_str	BOBJ1	64.845	Before	Interior Girder 6	8.425	0.95	1	1	2.435642
Annual Permit 2_str	BOBJ1	64.845	Before	Right Exterior Girder	8.425	0.95	1	1	2.499374
Annual Permit 2_str	BOBJ1	64.845	After	Left Exterior Girder	8.425	0.95	1	1	2.463862
Annual Permit 2_str	BOBJ1	64.845	After	Interior Girder 1	8.425	0.95	1	1	2.469778
Annual Permit 2_str	BOBJ1	64.845	After	Interior Girder 2	8.425	0.95	1	1	2.762012
Annual Permit 2_str	BOBJ1	64.845	After	Interior Girder 3	8.425	0.95	1	1	2.5428
Annual Permit 2_str	BOBJ1	64.845	After	Interior Girder 4	8.425	0.95	1	1	2.5428
Annual Permit 2_str	BOBJ1	64.845	After	Interior Girder 5	8.425	0.95	1	1	2.762012
Annual Permit 2_str	BOBJ1	64.845	After	Interior Girder 6	8.425	0.95	1	1	2.469778
Annual Permit 2_str	BOBJ1	64.845	After	Right Exterior Girder	8.425	0.95	1	1	2.463862
Annual Permit 2_str	BOBJ1	69.92	Before	Left Exterior Girder	13.5	0.95	1	1	3.493949
Annual Permit 2_str	BOBJ1	69.92	Before	Interior Girder 1	13.5	0.95	1	1	3.243238
Annual Permit 2_str	BOBJ1	69.92	Before	Interior Girder 2	13.5	0.95	1	1	3.455643
Annual Permit 2_str	BOBJ1	69.92	Before	Interior Girder 3	13.5	0.95	1	1	3.230554
Annual Permit 2_str	BOBJ1	69.92	Before	Interior Girder 4	13.5	0.95	1	1	3.230554
Annual Permit 2_str	BOBJ1	69.92	Before	Interior Girder 5	13.5	0.95	1	1	3.455643
Annual Permit 2_str	BOBJ1	69.92	Before	Interior Girder 6	13.5	0.95	1	1	3.243238
Annual Permit 2_str	BOBJ1	69.92	Before	Right Exterior Girder	13.5	0.95	1	1	3.493949
Annual Permit 2_str	BOBJ1	69.92	After	Left Exterior Girder	13.5	0.95	1	1	2.983195
Annual Permit 2_str	BOBJ1	69.92	After	Interior Girder 1	13.5	0.95	1	1	3.037429
Annual Permit 2_str	BOBJ1	69.92	After	Interior Girder 2	13.5	0.95	1	1	3.266747
Annual Permit 2_str	BOBJ1	69.92	After	Interior Girder 3	13.5	0.95	1	1	3.118131
Annual Permit 2_str	BOBJ1	69.92	After	Interior Girder 4	13.5	0.95	1	1	3.118131

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelINonCompStrgth-Flx - Approach, Span 7-11									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Annual Permit 2_str	BOBJ1	69.92	After	Interior Girder 5	13.5	0.95	1	1	3.266747
Annual Permit 2_str	BOBJ1	69.92	After	Interior Girder 6	13.5	0.95	1	1	3.037429
Annual Permit 2_str	BOBJ1	69.92	After	Right Exterior Girder	13.5	0.95	1	1	2.983195
Annual Permit 2_str	BOBJ1	73.27	Before	Left Exterior Girder	16.85	0.95	1	1	2.720558
Annual Permit 2_str	BOBJ1	73.27	Before	Interior Girder 1	16.85	0.95	1	1	2.475205
Annual Permit 2_str	BOBJ1	73.27	Before	Interior Girder 2	16.85	0.95	1	1	2.552681
Annual Permit 2_str	BOBJ1	73.27	Before	Interior Girder 3	16.85	0.95	1	1	2.439872
Annual Permit 2_str	BOBJ1	73.27	Before	Interior Girder 4	16.85	0.95	1	1	2.439872
Annual Permit 2_str	BOBJ1	73.27	Before	Interior Girder 5	16.85	0.95	1	1	2.552681
Annual Permit 2_str	BOBJ1	73.27	Before	Interior Girder 6	16.85	0.95	1	1	2.475205
Annual Permit 2_str	BOBJ1	73.27	Before	Right Exterior Girder	16.85	0.95	1	1	2.720558
Annual Permit 2_str	BOBJ1	73.27	After	Left Exterior Girder	16.85	0.95	1	1	2.793703
Annual Permit 2_str	BOBJ1	73.27	After	Interior Girder 1	16.85	0.95	1	1	2.417494
Annual Permit 2_str	BOBJ1	73.27	After	Interior Girder 2	16.85	0.95	1	1	2.532889
Annual Permit 2_str	BOBJ1	73.27	After	Interior Girder 3	16.85	0.95	1	1	2.46155
Annual Permit 2_str	BOBJ1	73.27	After	Interior Girder 4	16.85	0.95	1	1	2.46155
Annual Permit 2_str	BOBJ1	73.27	After	Interior Girder 5	16.85	0.95	1	1	2.532889
Annual Permit 2_str	BOBJ1	73.27	After	Interior Girder 6	16.85	0.95	1	1	2.417494
Annual Permit 2_str	BOBJ1	73.27	After	Right Exterior Girder	16.85	0.95	1	1	2.793703
Annual Permit 2_str	BOBJ1	81.695	Before	Left Exterior Girder	25.275	0.95	1	1	1.544705
Annual Permit 2_str	BOBJ1	81.695	Before	Interior Girder 1	25.275	0.95	1	1	1.379929
Annual Permit 2_str	BOBJ1	81.695	Before	Interior Girder 2	25.275	0.95	1	1	1.474568
Annual Permit 2_str	BOBJ1	81.695	Before	Interior Girder 3	25.275	0.95	1	1	1.371634
Annual Permit 2_str	BOBJ1	81.695	Before	Interior Girder 4	25.275	0.95	1	1	1.371634
Annual Permit 2_str	BOBJ1	81.695	Before	Interior Girder 5	25.275	0.95	1	1	1.474568
Annual Permit 2_str	BOBJ1	81.695	Before	Interior Girder 6	25.275	0.95	1	1	1.379929
Annual Permit 2_str	BOBJ1	81.695	Before	Right Exterior Girder	25.275	0.95	1	1	1.544705
Annual Permit 2_str	BOBJ1	81.695	After	Left Exterior Girder	25.275	0.95	1	1	1.58022
Annual Permit 2_str	BOBJ1	81.695	After	Interior Girder 1	25.275	0.95	1	1	1.36321
Annual Permit 2_str	BOBJ1	81.695	After	Interior Girder 2	25.275	0.95	1	1	1.470882
Annual Permit 2_str	BOBJ1	81.695	After	Interior Girder 3	25.275	0.95	1	1	1.388802
Annual Permit 2_str	BOBJ1	81.695	After	Interior Girder 4	25.275	0.95	1	1	1.388802
Annual Permit 2_str	BOBJ1	81.695	After	Interior Girder 5	25.275	0.95	1	1	1.470882
Annual Permit 2_str	BOBJ1	81.695	After	Interior Girder 6	25.275	0.95	1	1	1.36321
Annual Permit 2_str	BOBJ1	81.695	After	Right Exterior Girder	25.275	0.95	1	1	1.58022
Annual Permit 2_str	BOBJ1	90.12	Before	Left Exterior Girder	33.7	0.95	1	1	1.221482
Annual Permit 2_str	BOBJ1	90.12	Before	Interior Girder 1	33.7	0.95	1	1	1.257662
Annual Permit 2_str	BOBJ1	90.12	Before	Interior Girder 2	33.7	0.95	1	1	1.421492
Annual Permit 2_str	BOBJ1	90.12	Before	Interior Girder 3	33.7	0.95	1	1	1.425737
Annual Permit 2_str	BOBJ1	90.12	Before	Interior Girder 4	33.7	0.95	1	1	1.425737
Annual Permit 2_str	BOBJ1	90.12	Before	Interior Girder 5	33.7	0.95	1	1	1.421492
Annual Permit 2_str	BOBJ1	90.12	Before	Interior Girder 6	33.7	0.95	1	1	1.257662
Annual Permit 2_str	BOBJ1	90.12	Before	Right Exterior Girder	33.7	0.95	1	1	1.221482
Annual Permit 2_str	BOBJ1	90.12	After	Left Exterior Girder	33.7	0.95	1	1	1.222697
Annual Permit 2_str	BOBJ1	90.12	After	Interior Girder 1	33.7	0.95	1	1	1.257225
Annual Permit 2_str	BOBJ1	90.12	After	Interior Girder 2	33.7	0.95	1	1	1.421813
Annual Permit 2_str	BOBJ1	90.12	After	Interior Girder 3	33.7	0.95	1	1	1.424483
Annual Permit 2_str	BOBJ1	90.12	After	Interior Girder 4	33.7	0.95	1	1	1.424483
Annual Permit 2_str	BOBJ1	90.12	After	Interior Girder 5	33.7	0.95	1	1	1.421813
Annual Permit 2_str	BOBJ1	90.12	After	Interior Girder 6	33.7	0.95	1	1	1.257225
Annual Permit 2_str	BOBJ1	90.12	After	Right Exterior Girder	33.7	0.95	1	1	1.222697
Annual Permit 2_str	BOBJ1	98.545	Before	Left Exterior Girder	42.125	0.95	1	1	1.534418
Annual Permit 2_str	BOBJ1	98.545	Before	Interior Girder 1	42.125	0.95	1	1	1.343176
Annual Permit 2_str	BOBJ1	98.545	Before	Interior Girder 2	42.125	0.95	1	1	1.459159
Annual Permit 2_str	BOBJ1	98.545	Before	Interior Girder 3	42.125	0.95	1	1	1.380033
Annual Permit 2_str	BOBJ1	98.545	Before	Interior Girder 4	42.125	0.95	1	1	1.380033
Annual Permit 2_str	BOBJ1	98.545	Before	Interior Girder 5	42.125	0.95	1	1	1.459159
Annual Permit 2_str	BOBJ1	98.545	Before	Interior Girder 6	42.125	0.95	1	1	1.343176
Annual Permit 2_str	BOBJ1	98.545	Before	Right Exterior Girder	42.125	0.95	1	1	1.534418
Annual Permit 2_str	BOBJ1	98.545	After	Left Exterior Girder	42.125	0.95	1	1	1.505406
Annual Permit 2_str	BOBJ1	98.545	After	Interior Girder 1	42.125	0.95	1	1	1.358528
Annual Permit 2_str	BOBJ1	98.545	After	Interior Girder 2	42.125	0.95	1	1	1.461107
Annual Permit 2_str	BOBJ1	98.545	After	Interior Girder 3	42.125	0.95	1	1	1.363023
Annual Permit 2_str	BOBJ1	98.545	After	Interior Girder 4	42.125	0.95	1	1	1.363023
Annual Permit 2_str	BOBJ1	98.545	After	Interior Girder 5	42.125	0.95	1	1	1.461107

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelINonCompStrgth-Flx - Approach, Span 7-11									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Annual Permit 2_str	BOBJ1	98.545	After	Interior Girder 6	42.125	0.95	1	1	1.358528
Annual Permit 2_str	BOBJ1	98.545	After	Right Exterior Girder	42.125	0.95	1	1	1.505406
Annual Permit 2_str	BOBJ1	106.97	Before	Left Exterior Girder	50.55	0.95	1	1	2.600817
Annual Permit 2_str	BOBJ1	106.97	Before	Interior Girder 1	50.55	0.95	1	1	2.310646
Annual Permit 2_str	BOBJ1	106.97	Before	Interior Girder 2	50.55	0.95	1	1	2.460737
Annual Permit 2_str	BOBJ1	106.97	Before	Interior Girder 3	50.55	0.95	1	1	2.390494
Annual Permit 2_str	BOBJ1	106.97	Before	Interior Girder 4	50.55	0.95	1	1	2.390494
Annual Permit 2_str	BOBJ1	106.97	Before	Interior Girder 5	50.55	0.95	1	1	2.460737
Annual Permit 2_str	BOBJ1	106.97	Before	Interior Girder 6	50.55	0.95	1	1	2.310646
Annual Permit 2_str	BOBJ1	106.97	Before	Right Exterior Girder	50.55	0.95	1	1	2.600817
Annual Permit 2_str	BOBJ1	106.97	After	Left Exterior Girder	50.55	0.95	1	1	2.526167
Annual Permit 2_str	BOBJ1	106.97	After	Interior Girder 1	50.55	0.95	1	1	2.368365
Annual Permit 2_str	BOBJ1	106.97	After	Interior Girder 2	50.55	0.95	1	1	2.462548
Annual Permit 2_str	BOBJ1	106.97	After	Interior Girder 3	50.55	0.95	1	1	2.325545
Annual Permit 2_str	BOBJ1	106.97	After	Interior Girder 4	50.55	0.95	1	1	2.325545
Annual Permit 2_str	BOBJ1	106.97	After	Interior Girder 5	50.55	0.95	1	1	2.462548
Annual Permit 2_str	BOBJ1	106.97	After	Interior Girder 6	50.55	0.95	1	1	2.368365
Annual Permit 2_str	BOBJ1	106.97	After	Right Exterior Girder	50.55	0.95	1	1	2.526167
Annual Permit 2_str	BOBJ1	115.405	Before	Left Exterior Girder	58.985	0.95	1	1	1.661445
Annual Permit 2_str	BOBJ1	115.405	Before	Interior Girder 1	58.985	0.95	1	1	1.881913
Annual Permit 2_str	BOBJ1	115.405	Before	Interior Girder 2	58.985	0.95	1	1	2.19325
Annual Permit 2_str	BOBJ1	115.405	Before	Interior Girder 3	58.985	0.95	1	1	2.104876
Annual Permit 2_str	BOBJ1	115.405	Before	Interior Girder 4	58.985	0.95	1	1	2.104876
Annual Permit 2_str	BOBJ1	115.405	Before	Interior Girder 5	58.985	0.95	1	1	2.19325
Annual Permit 2_str	BOBJ1	115.405	Before	Interior Girder 6	58.985	0.95	1	1	1.881913
Annual Permit 2_str	BOBJ1	115.405	Before	Right Exterior Girder	58.985	0.95	1	1	1.661445
Annual Permit 2_str	BOBJ1	115.405	After	Left Exterior Girder	58.985	0.95	1	1	1.713864
Annual Permit 2_str	BOBJ1	115.405	After	Interior Girder 1	58.985	0.95	1	1	1.832323
Annual Permit 2_str	BOBJ1	115.405	After	Interior Girder 2	58.985	0.95	1	1	2.173676
Annual Permit 2_str	BOBJ1	115.405	After	Interior Girder 3	58.985	0.95	1	1	2.095018
Annual Permit 2_str	BOBJ1	115.405	After	Interior Girder 4	58.985	0.95	1	1	2.095018
Annual Permit 2_str	BOBJ1	115.405	After	Interior Girder 5	58.985	0.95	1	1	2.173676
Annual Permit 2_str	BOBJ1	115.405	After	Interior Girder 6	58.985	0.95	1	1	1.832323
Annual Permit 2_str	BOBJ1	115.405	After	Right Exterior Girder	58.985	0.95	1	1	1.713864
Annual Permit 2_str	BOBJ1	116.34	Before	Left Exterior Girder	59.92	0.95	1	1	1.547614
Annual Permit 2_str	BOBJ1	116.34	Before	Right Exterior Girder	59.92	0.95	1	1	1.547614
Annual Permit 2_str	BOBJ1	116.34	After	Left Exterior Girder	59.92	0.95	1	1	3.243073
Annual Permit 2_str	BOBJ1	116.34	After	Right Exterior Girder	59.92	0.95	1	1	3.243073
Annual Permit 2_str	BOBJ1	118.84	Before	Interior Girder 1	62.42	0.95	1	1	1.470234
Annual Permit 2_str	BOBJ1	118.84	Before	Interior Girder 2	62.42	0.95	1	1	1.744031
Annual Permit 2_str	BOBJ1	118.84	Before	Interior Girder 3	62.42	0.95	1	1	1.568461
Annual Permit 2_str	BOBJ1	118.84	Before	Interior Girder 4	62.42	0.95	1	1	1.568461
Annual Permit 2_str	BOBJ1	118.84	Before	Interior Girder 5	62.42	0.95	1	1	1.744031
Annual Permit 2_str	BOBJ1	118.84	Before	Interior Girder 6	62.42	0.95	1	1	1.470234
Annual Permit 2_str	BOBJ1	118.84	After	Interior Girder 1	62.42	0.95	1	1	2.11397
Annual Permit 2_str	BOBJ1	118.84	After	Interior Girder 2	62.42	0.95	1	1	2.436589
Annual Permit 2_str	BOBJ1	118.84	After	Interior Girder 3	62.42	0.95	1	1	2.218886
Annual Permit 2_str	BOBJ1	118.84	After	Interior Girder 4	62.42	0.95	1	1	2.218886
Annual Permit 2_str	BOBJ1	118.84	After	Interior Girder 5	62.42	0.95	1	1	2.436589
Annual Permit 2_str	BOBJ1	118.84	After	Interior Girder 6	62.42	0.95	1	1	2.11397
Annual Permit 2_str	BOBJ1	123.84	Before	Left Exterior Girder	67.42	0.95	1	1	1.699824
Annual Permit 2_str	BOBJ1	123.84	Before	Interior Girder 1	67.42	0.95	1	1	1.154157
Annual Permit 2_str	BOBJ1	123.84	Before	Interior Girder 2	67.42	0.95	1	1	1.252498
Annual Permit 2_str	BOBJ1	123.84	Before	Interior Girder 3	67.42	0.95	1	1	0.955528
Annual Permit 2_str	BOBJ1	123.84	Before	Interior Girder 4	67.42	0.95	1	1	0.955528
Annual Permit 2_str	BOBJ1	123.84	Before	Interior Girder 5	67.42	0.95	1	1	1.252498
Annual Permit 2_str	BOBJ1	123.84	Before	Interior Girder 6	67.42	0.95	1	1	1.154157
Annual Permit 2_str	BOBJ1	123.84	Before	Right Exterior Girder	67.42	0.95	1	1	1.699824
Annual Permit 2_str	BOBJ1	123.84	After	Left Exterior Girder	0	0.95	1	1	1.704298
Annual Permit 2_str	BOBJ1	123.84	After	Interior Girder 1	0	0.95	1	1	1.15395
Annual Permit 2_str	BOBJ1	123.84	After	Interior Girder 2	0	0.95	1	1	1.25377
Annual Permit 2_str	BOBJ1	123.84	After	Interior Girder 3	0	0.95	1	1	0.954178
Annual Permit 2_str	BOBJ1	123.84	After	Interior Girder 4	0	0.95	1	1	0.954178
Annual Permit 2_str	BOBJ1	123.84	After	Interior Girder 5	0	0.95	1	1	1.25377
Annual Permit 2_str	BOBJ1	123.84	After	Interior Girder 6	0	0.95	1	1	1.15395

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelINonCompStrgth-Flx - Approach, Span 7-11									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Annual Permit 2_str	BOBJ1	123.84	After	Right Exterior Girder	0	0.95	1	1	1.704298
Annual Permit 2_str	BOBJ1	128.84	Before	Interior Girder 1	5	0.95	1	1	2.167957
Annual Permit 2_str	BOBJ1	128.84	Before	Interior Girder 2	5	0.95	1	1	2.488116
Annual Permit 2_str	BOBJ1	128.84	Before	Interior Girder 3	5	0.95	1	1	2.25124
Annual Permit 2_str	BOBJ1	128.84	Before	Interior Girder 4	5	0.95	1	1	2.25124
Annual Permit 2_str	BOBJ1	128.84	Before	Interior Girder 5	5	0.95	1	1	2.488116
Annual Permit 2_str	BOBJ1	128.84	Before	Interior Girder 6	5	0.95	1	1	2.167957
Annual Permit 2_str	BOBJ1	128.84	After	Interior Girder 1	5	0.95	1	1	1.508828
Annual Permit 2_str	BOBJ1	128.84	After	Interior Girder 2	5	0.95	1	1	1.782417
Annual Permit 2_str	BOBJ1	128.84	After	Interior Girder 3	5	0.95	1	1	1.592836
Annual Permit 2_str	BOBJ1	128.84	After	Interior Girder 4	5	0.95	1	1	1.592836
Annual Permit 2_str	BOBJ1	128.84	After	Interior Girder 5	5	0.95	1	1	1.782417
Annual Permit 2_str	BOBJ1	128.84	After	Interior Girder 6	5	0.95	1	1	1.508828
Annual Permit 2_str	BOBJ1	131.34	Before	Left Exterior Girder	7.5	0.95	1	1	3.344934
Annual Permit 2_str	BOBJ1	131.34	Before	Right Exterior Girder	7.5	0.95	1	1	3.344934
Annual Permit 2_str	BOBJ1	131.34	After	Left Exterior Girder	7.5	0.95	1	1	1.598222
Annual Permit 2_str	BOBJ1	131.34	After	Right Exterior Girder	7.5	0.95	1	1	1.598222
Annual Permit 2_str	BOBJ1	132.265	Before	Left Exterior Girder	8.425	0.95	1	1	1.76018
Annual Permit 2_str	BOBJ1	132.265	Before	Interior Girder 1	8.425	0.95	1	1	1.878728
Annual Permit 2_str	BOBJ1	132.265	Before	Interior Girder 2	8.425	0.95	1	1	2.220738
Annual Permit 2_str	BOBJ1	132.265	Before	Interior Girder 3	8.425	0.95	1	1	2.127973
Annual Permit 2_str	BOBJ1	132.265	Before	Interior Girder 4	8.425	0.95	1	1	2.127973
Annual Permit 2_str	BOBJ1	132.265	Before	Interior Girder 5	8.425	0.95	1	1	2.220738
Annual Permit 2_str	BOBJ1	132.265	Before	Interior Girder 6	8.425	0.95	1	1	1.878728
Annual Permit 2_str	BOBJ1	132.265	Before	Right Exterior Girder	8.425	0.95	1	1	1.76018
Annual Permit 2_str	BOBJ1	132.265	After	Left Exterior Girder	8.425	0.95	1	1	1.70651
Annual Permit 2_str	BOBJ1	132.265	After	Interior Girder 1	8.425	0.95	1	1	1.929306
Annual Permit 2_str	BOBJ1	132.265	After	Interior Girder 2	8.425	0.95	1	1	2.24062
Annual Permit 2_str	BOBJ1	132.265	After	Interior Girder 3	8.425	0.95	1	1	2.139413
Annual Permit 2_str	BOBJ1	132.265	After	Interior Girder 4	8.425	0.95	1	1	2.139413
Annual Permit 2_str	BOBJ1	132.265	After	Interior Girder 5	8.425	0.95	1	1	2.24062
Annual Permit 2_str	BOBJ1	132.265	After	Interior Girder 6	8.425	0.95	1	1	1.929306
Annual Permit 2_str	BOBJ1	132.265	After	Right Exterior Girder	8.425	0.95	1	1	1.70651
Annual Permit 2_str	BOBJ1	140.69	Before	Left Exterior Girder	16.85	0.95	1	1	2.553018
Annual Permit 2_str	BOBJ1	140.69	Before	Interior Girder 1	16.85	0.95	1	1	2.376466
Annual Permit 2_str	BOBJ1	140.69	Before	Interior Girder 2	16.85	0.95	1	1	2.470685
Annual Permit 2_str	BOBJ1	140.69	Before	Interior Girder 3	16.85	0.95	1	1	2.337447
Annual Permit 2_str	BOBJ1	140.69	Before	Interior Girder 4	16.85	0.95	1	1	2.337447
Annual Permit 2_str	BOBJ1	140.69	Before	Interior Girder 5	16.85	0.95	1	1	2.470685
Annual Permit 2_str	BOBJ1	140.69	Before	Interior Girder 6	16.85	0.95	1	1	2.376466
Annual Permit 2_str	BOBJ1	140.69	Before	Right Exterior Girder	16.85	0.95	1	1	2.553018
Annual Permit 2_str	BOBJ1	140.69	After	Left Exterior Girder	16.85	0.95	1	1	2.631027
Annual Permit 2_str	BOBJ1	140.69	After	Interior Girder 1	16.85	0.95	1	1	2.317596
Annual Permit 2_str	BOBJ1	140.69	After	Interior Girder 2	16.85	0.95	1	1	2.466755
Annual Permit 2_str	BOBJ1	140.69	After	Interior Girder 3	16.85	0.95	1	1	2.402211
Annual Permit 2_str	BOBJ1	140.69	After	Interior Girder 4	16.85	0.95	1	1	2.402211
Annual Permit 2_str	BOBJ1	140.69	After	Interior Girder 5	16.85	0.95	1	1	2.466755
Annual Permit 2_str	BOBJ1	140.69	After	Interior Girder 6	16.85	0.95	1	1	2.317596
Annual Permit 2_str	BOBJ1	140.69	After	Right Exterior Girder	16.85	0.95	1	1	2.631027
Annual Permit 2_str	BOBJ1	149.115	Before	Left Exterior Girder	25.275	0.95	1	1	1.49665
Annual Permit 2_str	BOBJ1	149.115	Before	Interior Girder 1	25.275	0.95	1	1	1.348024
Annual Permit 2_str	BOBJ1	149.115	Before	Interior Girder 2	25.275	0.95	1	1	1.453772
Annual Permit 2_str	BOBJ1	149.115	Before	Interior Girder 3	25.275	0.95	1	1	1.361302
Annual Permit 2_str	BOBJ1	149.115	Before	Interior Girder 4	25.275	0.95	1	1	1.361302
Annual Permit 2_str	BOBJ1	149.115	Before	Interior Girder 5	25.275	0.95	1	1	1.453772
Annual Permit 2_str	BOBJ1	149.115	Before	Interior Girder 6	25.275	0.95	1	1	1.348024
Annual Permit 2_str	BOBJ1	149.115	Before	Right Exterior Girder	25.275	0.95	1	1	1.49665
Annual Permit 2_str	BOBJ1	149.115	After	Left Exterior Girder	25.275	0.95	1	1	1.527543
Annual Permit 2_str	BOBJ1	149.115	After	Interior Girder 1	25.275	0.95	1	1	1.333578
Annual Permit 2_str	BOBJ1	149.115	After	Interior Girder 2	25.275	0.95	1	1	1.450955
Annual Permit 2_str	BOBJ1	149.115	After	Interior Girder 3	25.275	0.95	1	1	1.377865
Annual Permit 2_str	BOBJ1	149.115	After	Interior Girder 4	25.275	0.95	1	1	1.377865
Annual Permit 2_str	BOBJ1	149.115	After	Interior Girder 5	25.275	0.95	1	1	1.450955
Annual Permit 2_str	BOBJ1	149.115	After	Interior Girder 6	25.275	0.95	1	1	1.333578
Annual Permit 2_str	BOBJ1	149.115	After	Right Exterior Girder	25.275	0.95	1	1	1.527543

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelINonCompStrgth-Flx - Approach, Span 7-11									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Annual Permit 2_str	BOBJ1	157.54	Before	Left Exterior Girder	33.7	0.95	1	1	1.201281
Annual Permit 2_str	BOBJ1	157.54	Before	Interior Girder 1	33.7	0.95	1	1	1.232038
Annual Permit 2_str	BOBJ1	157.54	Before	Interior Girder 2	33.7	0.95	1	1	1.404553
Annual Permit 2_str	BOBJ1	157.54	Before	Interior Girder 3	33.7	0.95	1	1	1.4143
Annual Permit 2_str	BOBJ1	157.54	Before	Interior Girder 4	33.7	0.95	1	1	1.4143
Annual Permit 2_str	BOBJ1	157.54	Before	Interior Girder 5	33.7	0.95	1	1	1.404553
Annual Permit 2_str	BOBJ1	157.54	Before	Interior Girder 6	33.7	0.95	1	1	1.232038
Annual Permit 2_str	BOBJ1	157.54	Before	Right Exterior Girder	33.7	0.95	1	1	1.201281
Annual Permit 2_str	BOBJ1	157.54	After	Left Exterior Girder	33.7	0.95	1	1	1.201363
Annual Permit 2_str	BOBJ1	157.54	After	Interior Girder 1	33.7	0.95	1	1	1.232001
Annual Permit 2_str	BOBJ1	157.54	After	Interior Girder 2	33.7	0.95	1	1	1.404601
Annual Permit 2_str	BOBJ1	157.54	After	Interior Girder 3	33.7	0.95	1	1	1.414325
Annual Permit 2_str	BOBJ1	157.54	After	Interior Girder 4	33.7	0.95	1	1	1.414325
Annual Permit 2_str	BOBJ1	157.54	After	Interior Girder 5	33.7	0.95	1	1	1.404601
Annual Permit 2_str	BOBJ1	157.54	After	Interior Girder 6	33.7	0.95	1	1	1.232001
Annual Permit 2_str	BOBJ1	157.54	After	Right Exterior Girder	33.7	0.95	1	1	1.201363
Annual Permit 2_str	BOBJ1	165.965	Before	Left Exterior Girder	42.125	0.95	1	1	1.526029
Annual Permit 2_str	BOBJ1	165.965	Before	Interior Girder 1	42.125	0.95	1	1	1.332986
Annual Permit 2_str	BOBJ1	165.965	Before	Interior Girder 2	42.125	0.95	1	1	1.450417
Annual Permit 2_str	BOBJ1	165.965	Before	Interior Girder 3	42.125	0.95	1	1	1.377216
Annual Permit 2_str	BOBJ1	165.965	Before	Interior Girder 4	42.125	0.95	1	1	1.377216
Annual Permit 2_str	BOBJ1	165.965	Before	Interior Girder 5	42.125	0.95	1	1	1.450417
Annual Permit 2_str	BOBJ1	165.965	Before	Interior Girder 6	42.125	0.95	1	1	1.332986
Annual Permit 2_str	BOBJ1	165.965	Before	Right Exterior Girder	42.125	0.95	1	1	1.526029
Annual Permit 2_str	BOBJ1	165.965	After	Left Exterior Girder	42.125	0.95	1	1	1.495372
Annual Permit 2_str	BOBJ1	165.965	After	Interior Girder 1	42.125	0.95	1	1	1.347315
Annual Permit 2_str	BOBJ1	165.965	After	Interior Girder 2	42.125	0.95	1	1	1.45321
Annual Permit 2_str	BOBJ1	165.965	After	Interior Girder 3	42.125	0.95	1	1	1.360727
Annual Permit 2_str	BOBJ1	165.965	After	Interior Girder 4	42.125	0.95	1	1	1.360727
Annual Permit 2_str	BOBJ1	165.965	After	Interior Girder 5	42.125	0.95	1	1	1.45321
Annual Permit 2_str	BOBJ1	165.965	After	Interior Girder 6	42.125	0.95	1	1	1.347315
Annual Permit 2_str	BOBJ1	165.965	After	Right Exterior Girder	42.125	0.95	1	1	1.495372
Annual Permit 2_str	BOBJ1	174.39	Before	Left Exterior Girder	50.55	0.95	1	1	2.624499
Annual Permit 2_str	BOBJ1	174.39	Before	Interior Girder 1	50.55	0.95	1	1	2.314166
Annual Permit 2_str	BOBJ1	174.39	Before	Interior Girder 2	50.55	0.95	1	1	2.463823
Annual Permit 2_str	BOBJ1	174.39	Before	Interior Girder 3	50.55	0.95	1	1	2.398767
Annual Permit 2_str	BOBJ1	174.39	Before	Interior Girder 4	50.55	0.95	1	1	2.398767
Annual Permit 2_str	BOBJ1	174.39	Before	Interior Girder 5	50.55	0.95	1	1	2.463823
Annual Permit 2_str	BOBJ1	174.39	Before	Interior Girder 6	50.55	0.95	1	1	2.314166
Annual Permit 2_str	BOBJ1	174.39	Before	Right Exterior Girder	50.55	0.95	1	1	2.624499
Annual Permit 2_str	BOBJ1	174.39	After	Left Exterior Girder	50.55	0.95	1	1	2.546898
Annual Permit 2_str	BOBJ1	174.39	After	Interior Girder 1	50.55	0.95	1	1	2.372954
Annual Permit 2_str	BOBJ1	174.39	After	Interior Girder 2	50.55	0.95	1	1	2.467692
Annual Permit 2_str	BOBJ1	174.39	After	Interior Girder 3	50.55	0.95	1	1	2.334191
Annual Permit 2_str	BOBJ1	174.39	After	Interior Girder 4	50.55	0.95	1	1	2.334191
Annual Permit 2_str	BOBJ1	174.39	After	Interior Girder 5	50.55	0.95	1	1	2.467692
Annual Permit 2_str	BOBJ1	174.39	After	Interior Girder 6	50.55	0.95	1	1	2.372954
Annual Permit 2_str	BOBJ1	174.39	After	Right Exterior Girder	50.55	0.95	1	1	2.546898
Annual Permit 2_str	BOBJ1	182.825	Before	Left Exterior Girder	58.985	0.95	1	1	1.707964
Annual Permit 2_str	BOBJ1	182.825	Before	Interior Girder 1	58.985	0.95	1	1	1.927481
Annual Permit 2_str	BOBJ1	182.825	Before	Interior Girder 2	58.985	0.95	1	1	2.238063
Annual Permit 2_str	BOBJ1	182.825	Before	Interior Girder 3	58.985	0.95	1	1	2.139815
Annual Permit 2_str	BOBJ1	182.825	Before	Interior Girder 4	58.985	0.95	1	1	2.139815
Annual Permit 2_str	BOBJ1	182.825	Before	Interior Girder 5	58.985	0.95	1	1	2.238063
Annual Permit 2_str	BOBJ1	182.825	Before	Interior Girder 6	58.985	0.95	1	1	1.927481
Annual Permit 2_str	BOBJ1	182.825	Before	Right Exterior Girder	58.985	0.95	1	1	1.707964
Annual Permit 2_str	BOBJ1	182.825	After	Left Exterior Girder	58.985	0.95	1	1	1.761819
Annual Permit 2_str	BOBJ1	182.825	After	Interior Girder 1	58.985	0.95	1	1	1.876971
Annual Permit 2_str	BOBJ1	182.825	After	Interior Girder 2	58.985	0.95	1	1	2.21805
Annual Permit 2_str	BOBJ1	182.825	After	Interior Girder 3	58.985	0.95	1	1	2.128589
Annual Permit 2_str	BOBJ1	182.825	After	Interior Girder 4	58.985	0.95	1	1	2.128589
Annual Permit 2_str	BOBJ1	182.825	After	Interior Girder 5	58.985	0.95	1	1	2.21805
Annual Permit 2_str	BOBJ1	182.825	After	Interior Girder 6	58.985	0.95	1	1	1.876971
Annual Permit 2_str	BOBJ1	182.825	After	Right Exterior Girder	58.985	0.95	1	1	1.761819
Annual Permit 2_str	BOBJ1	183.76	Before	Left Exterior Girder	59.92	0.95	1	1	1.590801

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelINonCompStrgth-Flx - Approach, Span 7-11									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Annual Permit 2_str	BOBJ1	183.76	Before	Right Exterior Girder	59.92	0.95	1	1	1.590801
Annual Permit 2_str	BOBJ1	183.76	After	Left Exterior Girder	59.92	0.95	1	1	3.333687
Annual Permit 2_str	BOBJ1	183.76	After	Right Exterior Girder	59.92	0.95	1	1	3.333687
Annual Permit 2_str	BOBJ1	186.26	Before	Interior Girder 1	62.42	0.95	1	1	1.50545
Annual Permit 2_str	BOBJ1	186.26	Before	Interior Girder 2	62.42	0.95	1	1	1.778476
Annual Permit 2_str	BOBJ1	186.26	Before	Interior Girder 3	62.42	0.95	1	1	1.592199
Annual Permit 2_str	BOBJ1	186.26	Before	Interior Girder 4	62.42	0.95	1	1	1.592199
Annual Permit 2_str	BOBJ1	186.26	Before	Interior Girder 5	62.42	0.95	1	1	1.778476
Annual Permit 2_str	BOBJ1	186.26	Before	Interior Girder 6	62.42	0.95	1	1	1.50545
Annual Permit 2_str	BOBJ1	186.26	After	Interior Girder 1	62.42	0.95	1	1	2.164073
Annual Permit 2_str	BOBJ1	186.26	After	Interior Girder 2	62.42	0.95	1	1	2.483362
Annual Permit 2_str	BOBJ1	186.26	After	Interior Girder 3	62.42	0.95	1	1	2.25091
Annual Permit 2_str	BOBJ1	186.26	After	Interior Girder 4	62.42	0.95	1	1	2.25091
Annual Permit 2_str	BOBJ1	186.26	After	Interior Girder 5	62.42	0.95	1	1	2.483362
Annual Permit 2_str	BOBJ1	186.26	After	Interior Girder 6	62.42	0.95	1	1	2.164073
Annual Permit 2_str	BOBJ1	191.26	Before	Left Exterior Girder	67.42	0.95	1	1	1.705291
Annual Permit 2_str	BOBJ1	191.26	Before	Interior Girder 1	67.42	0.95	1	1	1.150792
Annual Permit 2_str	BOBJ1	191.26	Before	Interior Girder 2	67.42	0.95	1	1	1.249817
Annual Permit 2_str	BOBJ1	191.26	Before	Interior Girder 3	67.42	0.95	1	1	0.953683
Annual Permit 2_str	BOBJ1	191.26	Before	Interior Girder 4	67.42	0.95	1	1	0.953683
Annual Permit 2_str	BOBJ1	191.26	Before	Interior Girder 5	67.42	0.95	1	1	1.249817
Annual Permit 2_str	BOBJ1	191.26	Before	Interior Girder 6	67.42	0.95	1	1	1.150792
Annual Permit 2_str	BOBJ1	191.26	Before	Right Exterior Girder	67.42	0.95	1	1	1.705291
Annual Permit 2_str	BOBJ1	191.26	After	Left Exterior Girder	0	0.95	1	1	1.696309
Annual Permit 2_str	BOBJ1	191.26	After	Interior Girder 1	0	0.95	1	1	1.155733
Annual Permit 2_str	BOBJ1	191.26	After	Interior Girder 2	0	0.95	1	1	1.255278
Annual Permit 2_str	BOBJ1	191.26	After	Interior Girder 3	0	0.95	1	1	0.955179
Annual Permit 2_str	BOBJ1	191.26	After	Interior Girder 4	0	0.95	1	1	0.955179
Annual Permit 2_str	BOBJ1	191.26	After	Interior Girder 5	0	0.95	1	1	1.255278
Annual Permit 2_str	BOBJ1	191.26	After	Interior Girder 6	0	0.95	1	1	1.155733
Annual Permit 2_str	BOBJ1	191.26	After	Right Exterior Girder	0	0.95	1	1	1.696309
Annual Permit 2_str	BOBJ1	196.26	Before	Interior Girder 1	5	0.95	1	1	2.115945
Annual Permit 2_str	BOBJ1	196.26	Before	Interior Girder 2	5	0.95	1	1	2.439777
Annual Permit 2_str	BOBJ1	196.26	Before	Interior Girder 3	5	0.95	1	1	2.218045
Annual Permit 2_str	BOBJ1	196.26	Before	Interior Girder 4	5	0.95	1	1	2.218045
Annual Permit 2_str	BOBJ1	196.26	Before	Interior Girder 5	5	0.95	1	1	2.439777
Annual Permit 2_str	BOBJ1	196.26	Before	Interior Girder 6	5	0.95	1	1	2.115945
Annual Permit 2_str	BOBJ1	196.26	After	Interior Girder 1	5	0.95	1	1	1.471673
Annual Permit 2_str	BOBJ1	196.26	After	Interior Girder 2	5	0.95	1	1	1.746391
Annual Permit 2_str	BOBJ1	196.26	After	Interior Girder 3	5	0.95	1	1	1.567945
Annual Permit 2_str	BOBJ1	196.26	After	Interior Girder 4	5	0.95	1	1	1.567945
Annual Permit 2_str	BOBJ1	196.26	After	Interior Girder 5	5	0.95	1	1	1.746391
Annual Permit 2_str	BOBJ1	196.26	After	Interior Girder 6	5	0.95	1	1	1.471673
Annual Permit 2_str	BOBJ1	198.76	Before	Left Exterior Girder	7.5	0.95	1	1	3.251969
Annual Permit 2_str	BOBJ1	198.76	Before	Right Exterior Girder	7.5	0.95	1	1	3.251969
Annual Permit 2_str	BOBJ1	198.76	After	Left Exterior Girder	7.5	0.95	1	1	1.552678
Annual Permit 2_str	BOBJ1	198.76	After	Right Exterior Girder	7.5	0.95	1	1	1.552678
Annual Permit 2_str	BOBJ1	199.685	Before	Left Exterior Girder	8.425	0.95	1	1	1.710183
Annual Permit 2_str	BOBJ1	199.685	Before	Interior Girder 1	8.425	0.95	1	1	1.832419
Annual Permit 2_str	BOBJ1	199.685	Before	Interior Girder 2	8.425	0.95	1	1	2.174989
Annual Permit 2_str	BOBJ1	199.685	Before	Interior Girder 3	8.425	0.95	1	1	2.093344
Annual Permit 2_str	BOBJ1	199.685	Before	Interior Girder 4	8.425	0.95	1	1	2.093344
Annual Permit 2_str	BOBJ1	199.685	Before	Interior Girder 5	8.425	0.95	1	1	2.174989
Annual Permit 2_str	BOBJ1	199.685	Before	Interior Girder 6	8.425	0.95	1	1	1.832419
Annual Permit 2_str	BOBJ1	199.685	Before	Right Exterior Girder	8.425	0.95	1	1	1.710183
Annual Permit 2_str	BOBJ1	199.685	After	Left Exterior Girder	8.425	0.95	1	1	1.657825
Annual Permit 2_str	BOBJ1	199.685	After	Interior Girder 1	8.425	0.95	1	1	1.882095
Annual Permit 2_str	BOBJ1	199.685	After	Interior Girder 2	8.425	0.95	1	1	2.194461
Annual Permit 2_str	BOBJ1	199.685	After	Interior Girder 3	8.425	0.95	1	1	2.103454
Annual Permit 2_str	BOBJ1	199.685	After	Interior Girder 4	8.425	0.95	1	1	2.103454
Annual Permit 2_str	BOBJ1	199.685	After	Interior Girder 5	8.425	0.95	1	1	2.194461
Annual Permit 2_str	BOBJ1	199.685	After	Interior Girder 6	8.425	0.95	1	1	1.882095
Annual Permit 2_str	BOBJ1	199.685	After	Right Exterior Girder	8.425	0.95	1	1	1.657825
Annual Permit 2_str	BOBJ1	208.11	Before	Left Exterior Girder	16.85	0.95	1	1	2.533054
Annual Permit 2_str	BOBJ1	208.11	Before	Interior Girder 1	16.85	0.95	1	1	2.372318

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelINonCompStrgth-Flx - Approach, Span 7-11									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Annual Permit 2_str	BOBJ1	208.11	Before	Interior Girder 2	16.85	0.95	1	1	2.465886
Annual Permit 2_str	BOBJ1	208.11	Before	Interior Girder 3	16.85	0.95	1	1	2.329024
Annual Permit 2_str	BOBJ1	208.11	Before	Interior Girder 4	16.85	0.95	1	1	2.329024
Annual Permit 2_str	BOBJ1	208.11	Before	Interior Girder 5	16.85	0.95	1	1	2.465886
Annual Permit 2_str	BOBJ1	208.11	Before	Interior Girder 6	16.85	0.95	1	1	2.372318
Annual Permit 2_str	BOBJ1	208.11	Before	Right Exterior Girder	16.85	0.95	1	1	2.533054
Annual Permit 2_str	BOBJ1	208.11	After	Left Exterior Girder	16.85	0.95	1	1	2.608277
Annual Permit 2_str	BOBJ1	208.11	After	Interior Girder 1	16.85	0.95	1	1	2.31452
Annual Permit 2_str	BOBJ1	208.11	After	Interior Girder 2	16.85	0.95	1	1	2.464046
Annual Permit 2_str	BOBJ1	208.11	After	Interior Girder 3	16.85	0.95	1	1	2.394116
Annual Permit 2_str	BOBJ1	208.11	After	Interior Girder 4	16.85	0.95	1	1	2.394116
Annual Permit 2_str	BOBJ1	208.11	After	Interior Girder 5	16.85	0.95	1	1	2.464046
Annual Permit 2_str	BOBJ1	208.11	After	Interior Girder 6	16.85	0.95	1	1	2.31452
Annual Permit 2_str	BOBJ1	208.11	After	Right Exterior Girder	16.85	0.95	1	1	2.608277
Annual Permit 2_str	BOBJ1	216.535	Before	Left Exterior Girder	25.275	0.95	1	1	1.506214
Annual Permit 2_str	BOBJ1	216.535	Before	Interior Girder 1	25.275	0.95	1	1	1.358846
Annual Permit 2_str	BOBJ1	216.535	Before	Interior Girder 2	25.275	0.95	1	1	1.461403
Annual Permit 2_str	BOBJ1	216.535	Before	Interior Girder 3	25.275	0.95	1	1	1.363408
Annual Permit 2_str	BOBJ1	216.535	Before	Interior Girder 4	25.275	0.95	1	1	1.363408
Annual Permit 2_str	BOBJ1	216.535	Before	Interior Girder 5	25.275	0.95	1	1	1.461403
Annual Permit 2_str	BOBJ1	216.535	Before	Interior Girder 6	25.275	0.95	1	1	1.358846
Annual Permit 2_str	BOBJ1	216.535	Before	Right Exterior Girder	25.275	0.95	1	1	1.506214
Annual Permit 2_str	BOBJ1	216.535	After	Left Exterior Girder	25.275	0.95	1	1	1.535619
Annual Permit 2_str	BOBJ1	216.535	After	Interior Girder 1	25.275	0.95	1	1	1.343407
Annual Permit 2_str	BOBJ1	216.535	After	Interior Girder 2	25.275	0.95	1	1	1.459367
Annual Permit 2_str	BOBJ1	216.535	After	Interior Girder 3	25.275	0.95	1	1	1.380416
Annual Permit 2_str	BOBJ1	216.535	After	Interior Girder 4	25.275	0.95	1	1	1.380416
Annual Permit 2_str	BOBJ1	216.535	After	Interior Girder 5	25.275	0.95	1	1	1.459367
Annual Permit 2_str	BOBJ1	216.535	After	Interior Girder 6	25.275	0.95	1	1	1.343407
Annual Permit 2_str	BOBJ1	216.535	After	Right Exterior Girder	25.275	0.95	1	1	1.535619
Annual Permit 2_str	BOBJ1	224.96	Before	Left Exterior Girder	33.7	0.95	1	1	1.221497
Annual Permit 2_str	BOBJ1	224.96	Before	Interior Girder 1	33.7	0.95	1	1	1.25626
Annual Permit 2_str	BOBJ1	224.96	Before	Interior Girder 2	33.7	0.95	1	1	1.421103
Annual Permit 2_str	BOBJ1	224.96	Before	Interior Girder 3	33.7	0.95	1	1	1.423831
Annual Permit 2_str	BOBJ1	224.96	Before	Interior Girder 4	33.7	0.95	1	1	1.423831
Annual Permit 2_str	BOBJ1	224.96	Before	Interior Girder 5	33.7	0.95	1	1	1.421103
Annual Permit 2_str	BOBJ1	224.96	Before	Interior Girder 6	33.7	0.95	1	1	1.25626
Annual Permit 2_str	BOBJ1	224.96	Before	Right Exterior Girder	33.7	0.95	1	1	1.221497
Annual Permit 2_str	BOBJ1	224.96	After	Left Exterior Girder	33.7	0.95	1	1	1.220603
Annual Permit 2_str	BOBJ1	224.96	After	Interior Girder 1	33.7	0.95	1	1	1.256602
Annual Permit 2_str	BOBJ1	224.96	After	Interior Girder 2	33.7	0.95	1	1	1.420643
Annual Permit 2_str	BOBJ1	224.96	After	Interior Girder 3	33.7	0.95	1	1	1.425056
Annual Permit 2_str	BOBJ1	224.96	After	Interior Girder 4	33.7	0.95	1	1	1.425056
Annual Permit 2_str	BOBJ1	224.96	After	Interior Girder 5	33.7	0.95	1	1	1.420643
Annual Permit 2_str	BOBJ1	224.96	After	Interior Girder 6	33.7	0.95	1	1	1.256602
Annual Permit 2_str	BOBJ1	224.96	After	Right Exterior Girder	33.7	0.95	1	1	1.220603
Annual Permit 2_str	BOBJ1	233.385	Before	Left Exterior Girder	42.125	0.95	1	1	1.576131
Annual Permit 2_str	BOBJ1	233.385	Before	Interior Girder 1	42.125	0.95	1	1	1.360951
Annual Permit 2_str	BOBJ1	233.385	Before	Interior Girder 2	42.125	0.95	1	1	1.469097
Annual Permit 2_str	BOBJ1	233.385	Before	Interior Girder 3	42.125	0.95	1	1	1.387233
Annual Permit 2_str	BOBJ1	233.385	Before	Interior Girder 4	42.125	0.95	1	1	1.387233
Annual Permit 2_str	BOBJ1	233.385	Before	Interior Girder 5	42.125	0.95	1	1	1.469097
Annual Permit 2_str	BOBJ1	233.385	Before	Interior Girder 6	42.125	0.95	1	1	1.360951
Annual Permit 2_str	BOBJ1	233.385	Before	Right Exterior Girder	42.125	0.95	1	1	1.576131
Annual Permit 2_str	BOBJ1	233.385	After	Left Exterior Girder	42.125	0.95	1	1	1.541087
Annual Permit 2_str	BOBJ1	233.385	After	Interior Girder 1	42.125	0.95	1	1	1.377482
Annual Permit 2_str	BOBJ1	233.385	After	Interior Girder 2	42.125	0.95	1	1	1.472691
Annual Permit 2_str	BOBJ1	233.385	After	Interior Girder 3	42.125	0.95	1	1	1.370107
Annual Permit 2_str	BOBJ1	233.385	After	Interior Girder 4	42.125	0.95	1	1	1.370107
Annual Permit 2_str	BOBJ1	233.385	After	Interior Girder 5	42.125	0.95	1	1	1.472691
Annual Permit 2_str	BOBJ1	233.385	After	Interior Girder 6	42.125	0.95	1	1	1.377482
Annual Permit 2_str	BOBJ1	233.385	After	Right Exterior Girder	42.125	0.95	1	1	1.541087
Annual Permit 2_str	BOBJ1	241.81	Before	Left Exterior Girder	50.55	0.95	1	1	2.781123
Annual Permit 2_str	BOBJ1	241.81	Before	Interior Girder 1	50.55	0.95	1	1	2.410336
Annual Permit 2_str	BOBJ1	241.81	Before	Interior Girder 2	50.55	0.95	1	1	2.527486

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelINonCompStrgth-Flx - Approach, Span 7-11									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Annual Permit 2_str	BOBJ1	241.81	Before	Interior Girder 3	50.55	0.95	1	1	2.456317
Annual Permit 2_str	BOBJ1	241.81	Before	Interior Girder 4	50.55	0.95	1	1	2.456317
Annual Permit 2_str	BOBJ1	241.81	Before	Interior Girder 5	50.55	0.95	1	1	2.527486
Annual Permit 2_str	BOBJ1	241.81	Before	Interior Girder 6	50.55	0.95	1	1	2.410336
Annual Permit 2_str	BOBJ1	241.81	Before	Right Exterior Girder	50.55	0.95	1	1	2.781123
Annual Permit 2_str	BOBJ1	241.81	After	Left Exterior Girder	50.55	0.95	1	1	2.708752
Annual Permit 2_str	BOBJ1	241.81	After	Interior Girder 1	50.55	0.95	1	1	2.467725
Annual Permit 2_str	BOBJ1	241.81	After	Interior Girder 2	50.55	0.95	1	1	2.546982
Annual Permit 2_str	BOBJ1	241.81	After	Interior Girder 3	50.55	0.95	1	1	2.434538
Annual Permit 2_str	BOBJ1	241.81	After	Interior Girder 4	50.55	0.95	1	1	2.434538
Annual Permit 2_str	BOBJ1	241.81	After	Interior Girder 5	50.55	0.95	1	1	2.546982
Annual Permit 2_str	BOBJ1	241.81	After	Interior Girder 6	50.55	0.95	1	1	2.467725
Annual Permit 2_str	BOBJ1	241.81	After	Right Exterior Girder	50.55	0.95	1	1	2.708752
Annual Permit 2_str	BOBJ1	245.18	Before	Left Exterior Girder	53.92	0.95	1	1	2.990969
Annual Permit 2_str	BOBJ1	245.18	Before	Interior Girder 1	53.92	0.95	1	1	3.039442
Annual Permit 2_str	BOBJ1	245.18	Before	Interior Girder 2	53.92	0.95	1	1	3.265149
Annual Permit 2_str	BOBJ1	245.18	Before	Interior Girder 3	53.92	0.95	1	1	3.11556
Annual Permit 2_str	BOBJ1	245.18	Before	Interior Girder 4	53.92	0.95	1	1	3.11556
Annual Permit 2_str	BOBJ1	245.18	Before	Interior Girder 5	53.92	0.95	1	1	3.265149
Annual Permit 2_str	BOBJ1	245.18	Before	Interior Girder 6	53.92	0.95	1	1	3.039442
Annual Permit 2_str	BOBJ1	245.18	Before	Right Exterior Girder	53.92	0.95	1	1	2.990969
Annual Permit 2_str	BOBJ1	245.18	After	Left Exterior Girder	53.92	0.95	1	1	3.502009
Annual Permit 2_str	BOBJ1	245.18	After	Interior Girder 1	53.92	0.95	1	1	3.245006
Annual Permit 2_str	BOBJ1	245.18	After	Interior Girder 2	53.92	0.95	1	1	3.454119
Annual Permit 2_str	BOBJ1	245.18	After	Interior Girder 3	53.92	0.95	1	1	3.228143
Annual Permit 2_str	BOBJ1	245.18	After	Interior Girder 4	53.92	0.95	1	1	3.228143
Annual Permit 2_str	BOBJ1	245.18	After	Interior Girder 5	53.92	0.95	1	1	3.454119
Annual Permit 2_str	BOBJ1	245.18	After	Interior Girder 6	53.92	0.95	1	1	3.245006
Annual Permit 2_str	BOBJ1	245.18	After	Right Exterior Girder	53.92	0.95	1	1	3.502009
Annual Permit 2_str	BOBJ1	250.245	Before	Left Exterior Girder	58.985	0.95	1	1	2.475366
Annual Permit 2_str	BOBJ1	250.245	Before	Interior Girder 1	58.985	0.95	1	1	2.472386
Annual Permit 2_str	BOBJ1	250.245	Before	Interior Girder 2	58.985	0.95	1	1	2.762054
Annual Permit 2_str	BOBJ1	250.245	Before	Interior Girder 3	58.985	0.95	1	1	2.545626
Annual Permit 2_str	BOBJ1	250.245	Before	Interior Girder 4	58.985	0.95	1	1	2.545626
Annual Permit 2_str	BOBJ1	250.245	Before	Interior Girder 5	58.985	0.95	1	1	2.762054
Annual Permit 2_str	BOBJ1	250.245	Before	Interior Girder 6	58.985	0.95	1	1	2.472386
Annual Permit 2_str	BOBJ1	250.245	Before	Right Exterior Girder	58.985	0.95	1	1	2.475366
Annual Permit 2_str	BOBJ1	250.245	After	Left Exterior Girder	58.985	0.95	1	1	2.510884
Annual Permit 2_str	BOBJ1	250.245	After	Interior Girder 1	58.985	0.95	1	1	2.438462
Annual Permit 2_str	BOBJ1	250.245	After	Interior Girder 2	58.985	0.95	1	1	2.729156
Annual Permit 2_str	BOBJ1	250.245	After	Interior Girder 3	58.985	0.95	1	1	2.528541
Annual Permit 2_str	BOBJ1	250.245	After	Interior Girder 4	58.985	0.95	1	1	2.528541
Annual Permit 2_str	BOBJ1	250.245	After	Interior Girder 5	58.985	0.95	1	1	2.729156
Annual Permit 2_str	BOBJ1	250.245	After	Interior Girder 6	58.985	0.95	1	1	2.438462
Annual Permit 2_str	BOBJ1	250.245	After	Right Exterior Girder	58.985	0.95	1	1	2.510884
Annual Permit 2_str	BOBJ1	251.68	Before	Left Exterior Girder	60.42	0.95	1	1	2.219609
Annual Permit 2_str	BOBJ1	251.68	Before	Right Exterior Girder	60.42	0.95	1	1	2.219609
Annual Permit 2_str	BOBJ1	251.68	After	Left Exterior Girder	60.42	0.95	1	1	4.035828
Annual Permit 2_str	BOBJ1	251.68	After	Right Exterior Girder	60.42	0.95	1	1	4.035828
Annual Permit 2_str	BOBJ1	254.18	Before	Interior Girder 1	62.92	0.95	1	1	1.811376
Annual Permit 2_str	BOBJ1	254.18	Before	Interior Girder 2	62.92	0.95	1	1	1.993342
Annual Permit 2_str	BOBJ1	254.18	Before	Interior Girder 3	62.92	0.95	1	1	1.596596
Annual Permit 2_str	BOBJ1	254.18	Before	Interior Girder 4	62.92	0.95	1	1	1.596596
Annual Permit 2_str	BOBJ1	254.18	Before	Interior Girder 5	62.92	0.95	1	1	1.993342
Annual Permit 2_str	BOBJ1	254.18	Before	Interior Girder 6	62.92	0.95	1	1	1.811376
Annual Permit 2_str	BOBJ1	254.18	After	Interior Girder 1	62.92	0.95	1	1	2.291111
Annual Permit 2_str	BOBJ1	254.18	After	Interior Girder 2	62.92	0.95	1	1	2.45242
Annual Permit 2_str	BOBJ1	254.18	After	Interior Girder 3	62.92	0.95	1	1	2.008707
Annual Permit 2_str	BOBJ1	254.18	After	Interior Girder 4	62.92	0.95	1	1	2.008707
Annual Permit 2_str	BOBJ1	254.18	After	Interior Girder 5	62.92	0.95	1	1	2.45242
Annual Permit 2_str	BOBJ1	254.18	After	Interior Girder 6	62.92	0.95	1	1	2.291111
Annual Permit 2_str	BOBJ1	258.68	Before	Left Exterior Girder	67.42	0.95	1	1	1.71327
Annual Permit 2_str	BOBJ1	258.68	Before	Interior Girder 1	67.42	0.95	1	1	1.079111
Annual Permit 2_str	BOBJ1	258.68	Before	Interior Girder 2	67.42	0.95	1	1	1.160244
Annual Permit 2_str	BOBJ1	258.68	Before	Interior Girder 3	67.42	0.95	1	1	0.876576

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelINonCompStrgth-Flx - Approach, Span 7-11									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Annual Permit 2_str	BOBJ1	258.68	Before	Interior Girder 4	67.42	0.95	1	1	0.876576
Annual Permit 2_str	BOBJ1	258.68	Before	Interior Girder 5	67.42	0.95	1	1	1.160244
Annual Permit 2_str	BOBJ1	258.68	Before	Interior Girder 6	67.42	0.95	1	1	1.079111
Annual Permit 2_str	BOBJ1	258.68	Before	Right Exterior Girder	67.42	0.95	1	1	1.71327
Annual Permit 2_str	BOBJ1	258.68	After	Left Exterior Girder	0	0.95	1	1	1.606844
Annual Permit 2_str	BOBJ1	258.68	After	Interior Girder 1	0	0.95	1	1	1.030702
Annual Permit 2_str	BOBJ1	258.68	After	Interior Girder 2	0	0.95	1	1	1.112394
Annual Permit 2_str	BOBJ1	258.68	After	Interior Girder 3	0	0.95	1	1	0.838715
Annual Permit 2_str	BOBJ1	258.68	After	Interior Girder 4	0	0.95	1	1	0.838715
Annual Permit 2_str	BOBJ1	258.68	After	Interior Girder 5	0	0.95	1	1	1.112394
Annual Permit 2_str	BOBJ1	258.68	After	Interior Girder 6	0	0.95	1	1	1.030702
Annual Permit 2_str	BOBJ1	258.68	After	Right Exterior Girder	0	0.95	1	1	1.606844
Annual Permit 2_str	BOBJ1	263.18	Before	Interior Girder 1	4.5	0.95	1	1	1.807379
Annual Permit 2_str	BOBJ1	263.18	Before	Interior Girder 2	4.5	0.95	1	1	2.082027
Annual Permit 2_str	BOBJ1	263.18	Before	Interior Girder 3	4.5	0.95	1	1	1.884323
Annual Permit 2_str	BOBJ1	263.18	Before	Interior Girder 4	4.5	0.95	1	1	1.884323
Annual Permit 2_str	BOBJ1	263.18	Before	Interior Girder 5	4.5	0.95	1	1	2.082027
Annual Permit 2_str	BOBJ1	263.18	Before	Interior Girder 6	4.5	0.95	1	1	1.807379
Annual Permit 2_str	BOBJ1	263.18	After	Interior Girder 1	4.5	0.95	1	1	1.445166
Annual Permit 2_str	BOBJ1	263.18	After	Interior Girder 2	4.5	0.95	1	1	1.706167
Annual Permit 2_str	BOBJ1	263.18	After	Interior Girder 3	4.5	0.95	1	1	1.530599
Annual Permit 2_str	BOBJ1	263.18	After	Interior Girder 4	4.5	0.95	1	1	1.530599
Annual Permit 2_str	BOBJ1	263.18	After	Interior Girder 5	4.5	0.95	1	1	1.706167
Annual Permit 2_str	BOBJ1	263.18	After	Interior Girder 6	4.5	0.95	1	1	1.445166
Annual Permit 2_str	BOBJ1	265.68	Before	Left Exterior Girder	7	0.95	1	1	2.888933
Annual Permit 2_str	BOBJ1	265.68	Before	Right Exterior Girder	7	0.95	1	1	2.888933
Annual Permit 2_str	BOBJ1	265.68	After	Left Exterior Girder	7	0.95	1	1	1.593851
Annual Permit 2_str	BOBJ1	265.68	After	Right Exterior Girder	7	0.95	1	1	1.593851
Annual Permit 2_str	BOBJ1	268.08	Before	Left Exterior Girder	9.4	0.95	1	1	1.963841
Annual Permit 2_str	BOBJ1	268.08	Before	Interior Girder 1	9.4	0.95	1	1	1.980793
Annual Permit 2_str	BOBJ1	268.08	Before	Interior Girder 2	9.4	0.95	1	1	2.322762
Annual Permit 2_str	BOBJ1	268.08	Before	Interior Girder 3	9.4	0.95	1	1	2.275358
Annual Permit 2_str	BOBJ1	268.08	Before	Interior Girder 4	9.4	0.95	1	1	2.275358
Annual Permit 2_str	BOBJ1	268.08	Before	Interior Girder 5	9.4	0.95	1	1	2.322762
Annual Permit 2_str	BOBJ1	268.08	Before	Interior Girder 6	9.4	0.95	1	1	1.980793
Annual Permit 2_str	BOBJ1	268.08	Before	Right Exterior Girder	9.4	0.95	1	1	1.963841
Annual Permit 2_str	BOBJ1	268.08	After	Left Exterior Girder	9.4	0.95	1	1	1.910764
Annual Permit 2_str	BOBJ1	268.08	After	Interior Girder 1	9.4	0.95	1	1	2.029848
Annual Permit 2_str	BOBJ1	268.08	After	Interior Girder 2	9.4	0.95	1	1	2.349618
Annual Permit 2_str	BOBJ1	268.08	After	Interior Girder 3	9.4	0.95	1	1	2.289393
Annual Permit 2_str	BOBJ1	268.08	After	Interior Girder 4	9.4	0.95	1	1	2.289393
Annual Permit 2_str	BOBJ1	268.08	After	Interior Girder 5	9.4	0.95	1	1	2.349618
Annual Permit 2_str	BOBJ1	268.08	After	Interior Girder 6	9.4	0.95	1	1	2.029848
Annual Permit 2_str	BOBJ1	268.08	After	Right Exterior Girder	9.4	0.95	1	1	1.910764
Annual Permit 2_str	BOBJ1	277.48	Before	Left Exterior Girder	18.8	0.95	1	1	2.254334
Annual Permit 2_str	BOBJ1	277.48	Before	Interior Girder 1	18.8	0.95	1	1	2.044693
Annual Permit 2_str	BOBJ1	277.48	Before	Interior Girder 2	18.8	0.95	1	1	2.127984
Annual Permit 2_str	BOBJ1	277.48	Before	Interior Girder 3	18.8	0.95	1	1	2.008133
Annual Permit 2_str	BOBJ1	277.48	Before	Interior Girder 4	18.8	0.95	1	1	2.008133
Annual Permit 2_str	BOBJ1	277.48	Before	Interior Girder 5	18.8	0.95	1	1	2.127984
Annual Permit 2_str	BOBJ1	277.48	Before	Interior Girder 6	18.8	0.95	1	1	2.044693
Annual Permit 2_str	BOBJ1	277.48	Before	Right Exterior Girder	18.8	0.95	1	1	2.254334
Annual Permit 2_str	BOBJ1	277.48	After	Left Exterior Girder	18.8	0.95	1	1	2.312348
Annual Permit 2_str	BOBJ1	277.48	After	Interior Girder 1	18.8	0.95	1	1	2.002924
Annual Permit 2_str	BOBJ1	277.48	After	Interior Girder 2	18.8	0.95	1	1	2.131307
Annual Permit 2_str	BOBJ1	277.48	After	Interior Girder 3	18.8	0.95	1	1	2.051556
Annual Permit 2_str	BOBJ1	277.48	After	Interior Girder 4	18.8	0.95	1	1	2.051556
Annual Permit 2_str	BOBJ1	277.48	After	Interior Girder 5	18.8	0.95	1	1	2.131307
Annual Permit 2_str	BOBJ1	277.48	After	Interior Girder 6	18.8	0.95	1	1	2.002924
Annual Permit 2_str	BOBJ1	277.48	After	Right Exterior Girder	18.8	0.95	1	1	2.312348
Annual Permit 2_str	BOBJ1	286.88	Before	Left Exterior Girder	28.2	0.95	1	1	1.556005
Annual Permit 2_str	BOBJ1	286.88	Before	Interior Girder 1	28.2	0.95	1	1	1.296712
Annual Permit 2_str	BOBJ1	286.88	Before	Interior Girder 2	28.2	0.95	1	1	1.384826
Annual Permit 2_str	BOBJ1	286.88	Before	Interior Girder 3	28.2	0.95	1	1	1.275882
Annual Permit 2_str	BOBJ1	286.88	Before	Interior Girder 4	28.2	0.95	1	1	1.275882

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelINonCompStrgth-Flx - Approach, Span 7-11									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Annual Permit 2_str	BOBJ1	286.88	Before	Interior Girder 5	28.2	0.95	1	1	1.384826
Annual Permit 2_str	BOBJ1	286.88	Before	Interior Girder 6	28.2	0.95	1	1	1.296712
Annual Permit 2_str	BOBJ1	286.88	Before	Right Exterior Girder	28.2	0.95	1	1	1.556005
Annual Permit 2_str	BOBJ1	286.88	After	Left Exterior Girder	28.2	0.95	1	1	1.567334
Annual Permit 2_str	BOBJ1	286.88	After	Interior Girder 1	28.2	0.95	1	1	1.291344
Annual Permit 2_str	BOBJ1	286.88	After	Interior Girder 2	28.2	0.95	1	1	1.387189
Annual Permit 2_str	BOBJ1	286.88	After	Interior Girder 3	28.2	0.95	1	1	1.282809
Annual Permit 2_str	BOBJ1	286.88	After	Interior Girder 4	28.2	0.95	1	1	1.282809
Annual Permit 2_str	BOBJ1	286.88	After	Interior Girder 5	28.2	0.95	1	1	1.387189
Annual Permit 2_str	BOBJ1	286.88	After	Interior Girder 6	28.2	0.95	1	1	1.291344
Annual Permit 2_str	BOBJ1	286.88	After	Right Exterior Girder	28.2	0.95	1	1	1.567334
Annual Permit 2_str	BOBJ1	296.28	Before	Left Exterior Girder	37.6	0.95	1	1	1.460944
Annual Permit 2_str	BOBJ1	296.28	Before	Interior Girder 1	37.6	0.95	1	1	1.336107
Annual Permit 2_str	BOBJ1	296.28	Before	Interior Girder 2	37.6	0.95	1	1	1.461889
Annual Permit 2_str	BOBJ1	296.28	Before	Interior Girder 3	37.6	0.95	1	1	1.422895
Annual Permit 2_str	BOBJ1	296.28	Before	Interior Girder 4	37.6	0.95	1	1	1.422895
Annual Permit 2_str	BOBJ1	296.28	Before	Interior Girder 5	37.6	0.95	1	1	1.461889
Annual Permit 2_str	BOBJ1	296.28	Before	Interior Girder 6	37.6	0.95	1	1	1.336107
Annual Permit 2_str	BOBJ1	296.28	Before	Right Exterior Girder	37.6	0.95	1	1	1.460944
Annual Permit 2_str	BOBJ1	296.28	After	Left Exterior Girder	37.6	0.95	1	1	1.441535
Annual Permit 2_str	BOBJ1	296.28	After	Interior Girder 1	37.6	0.95	1	1	1.351152
Annual Permit 2_str	BOBJ1	296.28	After	Interior Girder 2	37.6	0.95	1	1	1.46043
Annual Permit 2_str	BOBJ1	296.28	After	Interior Girder 3	37.6	0.95	1	1	1.411028
Annual Permit 2_str	BOBJ1	296.28	After	Interior Girder 4	37.6	0.95	1	1	1.411028
Annual Permit 2_str	BOBJ1	296.28	After	Interior Girder 5	37.6	0.95	1	1	1.46043
Annual Permit 2_str	BOBJ1	296.28	After	Interior Girder 6	37.6	0.95	1	1	1.351152
Annual Permit 2_str	BOBJ1	296.28	After	Right Exterior Girder	37.6	0.95	1	1	1.441535
Annual Permit 2_str	BOBJ1	305.69	Before	Left Exterior Girder	47.01	0.95	1	1	2.620861
Annual Permit 2_str	BOBJ1	305.69	Before	Interior Girder 1	47.01	0.95	1	1	1.866388
Annual Permit 2_str	BOBJ1	305.69	Before	Interior Girder 2	47.01	0.95	1	1	1.922911
Annual Permit 2_str	BOBJ1	305.69	Before	Interior Girder 3	47.01	0.95	1	1	1.73717
Annual Permit 2_str	BOBJ1	305.69	Before	Interior Girder 4	47.01	0.95	1	1	1.73717
Annual Permit 2_str	BOBJ1	305.69	Before	Interior Girder 5	47.01	0.95	1	1	1.922911
Annual Permit 2_str	BOBJ1	305.69	Before	Interior Girder 6	47.01	0.95	1	1	1.866388
Annual Permit 2_str	BOBJ1	305.69	Before	Right Exterior Girder	47.01	0.95	1	1	2.620861
Annual Permit 2_str	BOBJ1	305.69	After	Left Exterior Girder	47.01	0.95	1	1	2.589444
Annual Permit 2_str	BOBJ1	305.69	After	Interior Girder 1	47.01	0.95	1	1	1.881864
Annual Permit 2_str	BOBJ1	305.69	After	Interior Girder 2	47.01	0.95	1	1	1.879042
Annual Permit 2_str	BOBJ1	305.69	After	Interior Girder 3	47.01	0.95	1	1	1.672623
Annual Permit 2_str	BOBJ1	305.69	After	Interior Girder 4	47.01	0.95	1	1	1.672623
Annual Permit 2_str	BOBJ1	305.69	After	Interior Girder 5	47.01	0.95	1	1	1.879042
Annual Permit 2_str	BOBJ1	305.69	After	Interior Girder 6	47.01	0.95	1	1	1.881864
Annual Permit 2_str	BOBJ1	305.69	After	Right Exterior Girder	47.01	0.95	1	1	2.589444
Annual Permit 2_str	BOBJ1	315.1	Before	Left Exterior Girder	56.42	0.95	1	1	183.170666
Annual Permit 2_str	BOBJ1	315.1	Before	Interior Girder 1	56.42	0.95	1	1	180.702988
Annual Permit 2_str	BOBJ1	315.1	Before	Interior Girder 2	56.42	0.95	1	1	147.124656
Annual Permit 2_str	BOBJ1	315.1	Before	Interior Girder 3	56.42	0.95	1	1	102.983015
Annual Permit 2_str	BOBJ1	315.1	Before	Interior Girder 4	56.42	0.95	1	1	102.983015
Annual Permit 2_str	BOBJ1	315.1	Before	Interior Girder 5	56.42	0.95	1	1	147.124656
Annual Permit 2_str	BOBJ1	315.1	Before	Interior Girder 6	56.42	0.95	1	1	180.702988
Annual Permit 2_str	BOBJ1	315.1	Before	Right Exterior Girder	56.42	0.95	1	1	183.170667
Overweight Permit_str	BOBJ1	0	After	Left Exterior Girder	0	0.95	1	1	205.742688
Overweight Permit_str	BOBJ1	0	After	Interior Girder 1	0	0.95	1	1	244.356304
Overweight Permit_str	BOBJ1	0	After	Interior Girder 2	0	0.95	1	1	190.647229
Overweight Permit_str	BOBJ1	0	After	Interior Girder 3	0	0.95	1	1	139.404492
Overweight Permit_str	BOBJ1	0	After	Interior Girder 4	0	0.95	1	1	139.404491
Overweight Permit_str	BOBJ1	0	After	Interior Girder 5	0	0.95	1	1	190.647228
Overweight Permit_str	BOBJ1	0	After	Interior Girder 6	0	0.95	1	1	244.356307
Overweight Permit_str	BOBJ1	0	After	Right Exterior Girder	0	0.95	1	1	205.742688
Overweight Permit_str	BOBJ1	9.4	Before	Left Exterior Girder	9.4	0.95	1	1	2.877253
Overweight Permit_str	BOBJ1	9.4	Before	Interior Girder 1	9.4	0.95	1	1	2.482469
Overweight Permit_str	BOBJ1	9.4	Before	Interior Girder 2	9.4	0.95	1	1	2.559272
Overweight Permit_str	BOBJ1	9.4	Before	Interior Girder 3	9.4	0.95	1	1	2.333848
Overweight Permit_str	BOBJ1	9.4	Before	Interior Girder 4	9.4	0.95	1	1	2.333848
Overweight Permit_str	BOBJ1	9.4	Before	Interior Girder 5	9.4	0.95	1	1	2.559272

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelINonCompStrgth-Flx - Approach, Span 7-11									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Overweight Permit_str	BOBJ1	9.4	Before	Interior Girder 6	9.4	0.95	1	1	2.482469
Overweight Permit_str	BOBJ1	9.4	Before	Right Exterior Girder	9.4	0.95	1	1	2.877253
Overweight Permit_str	BOBJ1	9.4	After	Left Exterior Girder	9.4	0.95	1	1	2.988226
Overweight Permit_str	BOBJ1	9.4	After	Interior Girder 1	9.4	0.95	1	1	2.465849
Overweight Permit_str	BOBJ1	9.4	After	Interior Girder 2	9.4	0.95	1	1	2.636281
Overweight Permit_str	BOBJ1	9.4	After	Interior Girder 3	9.4	0.95	1	1	2.424565
Overweight Permit_str	BOBJ1	9.4	After	Interior Girder 4	9.4	0.95	1	1	2.424565
Overweight Permit_str	BOBJ1	9.4	After	Interior Girder 5	9.4	0.95	1	1	2.636281
Overweight Permit_str	BOBJ1	9.4	After	Interior Girder 6	9.4	0.95	1	1	2.465849
Overweight Permit_str	BOBJ1	9.4	After	Right Exterior Girder	9.4	0.95	1	1	2.988226
Overweight Permit_str	BOBJ1	18.8	Before	Left Exterior Girder	18.8	0.95	1	1	1.703143
Overweight Permit_str	BOBJ1	18.8	Before	Interior Girder 1	18.8	0.95	1	1	1.817026
Overweight Permit_str	BOBJ1	18.8	Before	Interior Girder 2	18.8	0.95	1	1	1.991258
Overweight Permit_str	BOBJ1	18.8	Before	Interior Girder 3	18.8	0.95	1	1	1.950489
Overweight Permit_str	BOBJ1	18.8	Before	Interior Girder 4	18.8	0.95	1	1	1.950489
Overweight Permit_str	BOBJ1	18.8	Before	Interior Girder 5	18.8	0.95	1	1	1.991258
Overweight Permit_str	BOBJ1	18.8	Before	Interior Girder 6	18.8	0.95	1	1	1.817026
Overweight Permit_str	BOBJ1	18.8	Before	Right Exterior Girder	18.8	0.95	1	1	1.703143
Overweight Permit_str	BOBJ1	18.8	After	Left Exterior Girder	18.8	0.95	1	1	1.741053
Overweight Permit_str	BOBJ1	18.8	After	Interior Girder 1	18.8	0.95	1	1	1.796314
Overweight Permit_str	BOBJ1	18.8	After	Interior Girder 2	18.8	0.95	1	1	1.998936
Overweight Permit_str	BOBJ1	18.8	After	Interior Girder 3	18.8	0.95	1	1	1.967467
Overweight Permit_str	BOBJ1	18.8	After	Interior Girder 4	18.8	0.95	1	1	1.967467
Overweight Permit_str	BOBJ1	18.8	After	Interior Girder 5	18.8	0.95	1	1	1.998936
Overweight Permit_str	BOBJ1	18.8	After	Interior Girder 6	18.8	0.95	1	1	1.796314
Overweight Permit_str	BOBJ1	18.8	After	Right Exterior Girder	18.8	0.95	1	1	1.741053
Overweight Permit_str	BOBJ1	28.2	Before	Left Exterior Girder	28.2	0.95	1	1	1.84464
Overweight Permit_str	BOBJ1	28.2	Before	Interior Girder 1	28.2	0.95	1	1	1.725425
Overweight Permit_str	BOBJ1	28.2	Before	Interior Girder 2	28.2	0.95	1	1	1.897697
Overweight Permit_str	BOBJ1	28.2	Before	Interior Girder 3	28.2	0.95	1	1	1.799231
Overweight Permit_str	BOBJ1	28.2	Before	Interior Girder 4	28.2	0.95	1	1	1.799231
Overweight Permit_str	BOBJ1	28.2	Before	Interior Girder 5	28.2	0.95	1	1	1.897697
Overweight Permit_str	BOBJ1	28.2	Before	Interior Girder 6	28.2	0.95	1	1	1.725425
Overweight Permit_str	BOBJ1	28.2	Before	Right Exterior Girder	28.2	0.95	1	1	1.84464
Overweight Permit_str	BOBJ1	28.2	After	Left Exterior Girder	28.2	0.95	1	1	1.824414
Overweight Permit_str	BOBJ1	28.2	After	Interior Girder 1	28.2	0.95	1	1	1.731981
Overweight Permit_str	BOBJ1	28.2	After	Interior Girder 2	28.2	0.95	1	1	1.892201
Overweight Permit_str	BOBJ1	28.2	After	Interior Girder 3	28.2	0.95	1	1	1.786551
Overweight Permit_str	BOBJ1	28.2	After	Interior Girder 4	28.2	0.95	1	1	1.786551
Overweight Permit_str	BOBJ1	28.2	After	Interior Girder 5	28.2	0.95	1	1	1.892201
Overweight Permit_str	BOBJ1	28.2	After	Interior Girder 6	28.2	0.95	1	1	1.731981
Overweight Permit_str	BOBJ1	28.2	After	Right Exterior Girder	28.2	0.95	1	1	1.824414
Overweight Permit_str	BOBJ1	37.6	Before	Left Exterior Girder	37.6	0.95	1	1	2.8285
Overweight Permit_str	BOBJ1	37.6	Before	Interior Girder 1	37.6	0.95	1	1	2.70598
Overweight Permit_str	BOBJ1	37.6	Before	Interior Girder 2	37.6	0.95	1	1	2.932442
Overweight Permit_str	BOBJ1	37.6	Before	Interior Girder 3	37.6	0.95	1	1	2.856738
Overweight Permit_str	BOBJ1	37.6	Before	Interior Girder 4	37.6	0.95	1	1	2.856738
Overweight Permit_str	BOBJ1	37.6	Before	Interior Girder 5	37.6	0.95	1	1	2.932442
Overweight Permit_str	BOBJ1	37.6	Before	Interior Girder 6	37.6	0.95	1	1	2.70598
Overweight Permit_str	BOBJ1	37.6	Before	Right Exterior Girder	37.6	0.95	1	1	2.8285
Overweight Permit_str	BOBJ1	37.6	After	Left Exterior Girder	37.6	0.95	1	1	2.712451
Overweight Permit_str	BOBJ1	37.6	After	Interior Girder 1	37.6	0.95	1	1	2.763877
Overweight Permit_str	BOBJ1	37.6	After	Interior Girder 2	37.6	0.95	1	1	2.916109
Overweight Permit_str	BOBJ1	37.6	After	Interior Girder 3	37.6	0.95	1	1	2.806559
Overweight Permit_str	BOBJ1	37.6	After	Interior Girder 4	37.6	0.95	1	1	2.806559
Overweight Permit_str	BOBJ1	37.6	After	Interior Girder 5	37.6	0.95	1	1	2.916109
Overweight Permit_str	BOBJ1	37.6	After	Interior Girder 6	37.6	0.95	1	1	2.763877
Overweight Permit_str	BOBJ1	37.6	After	Right Exterior Girder	37.6	0.95	1	1	2.712451
Overweight Permit_str	BOBJ1	47.01	Before	Left Exterior Girder	47.01	0.95	1	1	2.362626
Overweight Permit_str	BOBJ1	47.01	Before	Interior Girder 1	47.01	0.95	1	1	2.848916
Overweight Permit_str	BOBJ1	47.01	Before	Interior Girder 2	47.01	0.95	1	1	3.275795
Overweight Permit_str	BOBJ1	47.01	Before	Interior Girder 3	47.01	0.95	1	1	3.211307
Overweight Permit_str	BOBJ1	47.01	Before	Interior Girder 4	47.01	0.95	1	1	3.211307
Overweight Permit_str	BOBJ1	47.01	Before	Interior Girder 5	47.01	0.95	1	1	3.275795
Overweight Permit_str	BOBJ1	47.01	Before	Interior Girder 6	47.01	0.95	1	1	2.848916

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelINonCompStrgth-Flx - Approach, Span 7-11									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Overweight Permit_str	BOBJ1	47.01	Before	Right Exterior Girder	47.01	0.95	1	1	2.362626
Overweight Permit_str	BOBJ1	47.01	After	Left Exterior Girder	47.01	0.95	1	1	2.476601
Overweight Permit_str	BOBJ1	47.01	After	Interior Girder 1	47.01	0.95	1	1	2.803133
Overweight Permit_str	BOBJ1	47.01	After	Interior Girder 2	47.01	0.95	1	1	3.30812
Overweight Permit_str	BOBJ1	47.01	After	Interior Girder 3	47.01	0.95	1	1	3.279923
Overweight Permit_str	BOBJ1	47.01	After	Interior Girder 4	47.01	0.95	1	1	3.279923
Overweight Permit_str	BOBJ1	47.01	After	Interior Girder 5	47.01	0.95	1	1	3.30812
Overweight Permit_str	BOBJ1	47.01	After	Interior Girder 6	47.01	0.95	1	1	2.803133
Overweight Permit_str	BOBJ1	47.01	After	Right Exterior Girder	47.01	0.95	1	1	2.476601
Overweight Permit_str	BOBJ1	49.42	Before	Left Exterior Girder	49.42	0.95	1	1	1.70756
Overweight Permit_str	BOBJ1	49.42	Before	Right Exterior Girder	49.42	0.95	1	1	1.70756
Overweight Permit_str	BOBJ1	49.42	After	Left Exterior Girder	49.42	0.95	1	1	3.100802
Overweight Permit_str	BOBJ1	49.42	After	Right Exterior Girder	49.42	0.95	1	1	3.100802
Overweight Permit_str	BOBJ1	51.92	Before	Interior Girder 1	51.92	0.95	1	1	1.69217
Overweight Permit_str	BOBJ1	51.92	Before	Interior Girder 2	51.92	0.95	1	1	2.050153
Overweight Permit_str	BOBJ1	51.92	Before	Interior Girder 3	51.92	0.95	1	1	1.850453
Overweight Permit_str	BOBJ1	51.92	Before	Interior Girder 4	51.92	0.95	1	1	1.850453
Overweight Permit_str	BOBJ1	51.92	Before	Interior Girder 5	51.92	0.95	1	1	2.050153
Overweight Permit_str	BOBJ1	51.92	Before	Interior Girder 6	51.92	0.95	1	1	1.69217
Overweight Permit_str	BOBJ1	51.92	After	Interior Girder 1	51.92	0.95	1	1	2.127539
Overweight Permit_str	BOBJ1	51.92	After	Interior Girder 2	51.92	0.95	1	1	2.532016
Overweight Permit_str	BOBJ1	51.92	After	Interior Girder 3	51.92	0.95	1	1	2.321083
Overweight Permit_str	BOBJ1	51.92	After	Interior Girder 4	51.92	0.95	1	1	2.321083
Overweight Permit_str	BOBJ1	51.92	After	Interior Girder 5	51.92	0.95	1	1	2.532016
Overweight Permit_str	BOBJ1	51.92	After	Interior Girder 6	51.92	0.95	1	1	2.127539
Overweight Permit_str	BOBJ1	56.42	Before	Left Exterior Girder	56.42	0.95	1	1	1.352908
Overweight Permit_str	BOBJ1	56.42	Before	Interior Girder 1	56.42	0.95	1	1	1.276669
Overweight Permit_str	BOBJ1	56.42	Before	Interior Girder 2	56.42	0.95	1	1	1.578503
Overweight Permit_str	BOBJ1	56.42	Before	Interior Girder 3	56.42	0.95	1	1	1.29433
Overweight Permit_str	BOBJ1	56.42	Before	Interior Girder 4	56.42	0.95	1	1	1.29433
Overweight Permit_str	BOBJ1	56.42	Before	Interior Girder 5	56.42	0.95	1	1	1.578503
Overweight Permit_str	BOBJ1	56.42	Before	Interior Girder 6	56.42	0.95	1	1	1.276669
Overweight Permit_str	BOBJ1	56.42	Before	Right Exterior Girder	56.42	0.95	1	1	1.352908
Overweight Permit_str	BOBJ1	56.42	After	Left Exterior Girder	0	0.95	1	1	1.414333
Overweight Permit_str	BOBJ1	56.42	After	Interior Girder 1	0	0.95	1	1	1.344247
Overweight Permit_str	BOBJ1	56.42	After	Interior Girder 2	0	0.95	1	1	1.640951
Overweight Permit_str	BOBJ1	56.42	After	Interior Girder 3	0	0.95	1	1	1.351252
Overweight Permit_str	BOBJ1	56.42	After	Interior Girder 4	0	0.95	1	1	1.351252
Overweight Permit_str	BOBJ1	56.42	After	Interior Girder 5	0	0.95	1	1	1.640951
Overweight Permit_str	BOBJ1	56.42	After	Interior Girder 6	0	0.95	1	1	1.344247
Overweight Permit_str	BOBJ1	56.42	After	Right Exterior Girder	0	0.95	1	1	1.414333
Overweight Permit_str	BOBJ1	60.92	Before	Interior Girder 1	4.5	0.95	1	1	2.211338
Overweight Permit_str	BOBJ1	60.92	Before	Interior Girder 2	4.5	0.95	1	1	2.67591
Overweight Permit_str	BOBJ1	60.92	Before	Interior Girder 3	4.5	0.95	1	1	2.409582
Overweight Permit_str	BOBJ1	60.92	Before	Interior Girder 4	4.5	0.95	1	1	2.409582
Overweight Permit_str	BOBJ1	60.92	Before	Interior Girder 5	4.5	0.95	1	1	2.67591
Overweight Permit_str	BOBJ1	60.92	Before	Interior Girder 6	4.5	0.95	1	1	2.211338
Overweight Permit_str	BOBJ1	60.92	After	Interior Girder 1	4.5	0.95	1	1	1.76261
Overweight Permit_str	BOBJ1	60.92	After	Interior Girder 2	4.5	0.95	1	1	2.171468
Overweight Permit_str	BOBJ1	60.92	After	Interior Girder 3	4.5	0.95	1	1	1.924576
Overweight Permit_str	BOBJ1	60.92	After	Interior Girder 4	4.5	0.95	1	1	1.924576
Overweight Permit_str	BOBJ1	60.92	After	Interior Girder 5	4.5	0.95	1	1	2.171468
Overweight Permit_str	BOBJ1	60.92	After	Interior Girder 6	4.5	0.95	1	1	1.76261
Overweight Permit_str	BOBJ1	63.42	Before	Left Exterior Girder	7	0.95	1	1	3.166438
Overweight Permit_str	BOBJ1	63.42	Before	Right Exterior Girder	7	0.95	1	1	3.166438
Overweight Permit_str	BOBJ1	63.42	After	Left Exterior Girder	7	0.95	1	1	1.738663
Overweight Permit_str	BOBJ1	63.42	After	Right Exterior Girder	7	0.95	1	1	1.738663
Overweight Permit_str	BOBJ1	64.845	Before	Left Exterior Girder	8.425	0.95	1	1	2.169563
Overweight Permit_str	BOBJ1	64.845	Before	Interior Girder 1	8.425	0.95	1	1	2.702793
Overweight Permit_str	BOBJ1	64.845	Before	Interior Girder 2	8.425	0.95	1	1	3.184125
Overweight Permit_str	BOBJ1	64.845	Before	Interior Girder 3	8.425	0.95	1	1	3.003593
Overweight Permit_str	BOBJ1	64.845	Before	Interior Girder 4	8.425	0.95	1	1	3.003593
Overweight Permit_str	BOBJ1	64.845	Before	Interior Girder 5	8.425	0.95	1	1	3.184125
Overweight Permit_str	BOBJ1	64.845	Before	Interior Girder 6	8.425	0.95	1	1	2.702793
Overweight Permit_str	BOBJ1	64.845	Before	Right Exterior Girder	8.425	0.95	1	1	2.169563

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelINonCompStrgth-Flx - Approach, Span 7-11									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Overweight Permit_str	BOBJ1	64.845	After	Left Exterior Girder	8.425	0.95	1	1	2.120603
Overweight Permit_str	BOBJ1	64.845	After	Interior Girder 1	8.425	0.95	1	1	2.747867
Overweight Permit_str	BOBJ1	64.845	After	Interior Girder 2	8.425	0.95	1	1	3.190473
Overweight Permit_str	BOBJ1	64.845	After	Interior Girder 3	8.425	0.95	1	1	2.980431
Overweight Permit_str	BOBJ1	64.845	After	Interior Girder 4	8.425	0.95	1	1	2.980431
Overweight Permit_str	BOBJ1	64.845	After	Interior Girder 5	8.425	0.95	1	1	3.190473
Overweight Permit_str	BOBJ1	64.845	After	Interior Girder 6	8.425	0.95	1	1	2.747867
Overweight Permit_str	BOBJ1	64.845	After	Right Exterior Girder	8.425	0.95	1	1	2.120603
Overweight Permit_str	BOBJ1	69.92	Before	Left Exterior Girder	13.5	0.95	1	1	4.118725
Overweight Permit_str	BOBJ1	69.92	Before	Interior Girder 1	13.5	0.95	1	1	4.365063
Overweight Permit_str	BOBJ1	69.92	Before	Interior Girder 2	13.5	0.95	1	1	4.751824
Overweight Permit_str	BOBJ1	69.92	Before	Interior Girder 3	13.5	0.95	1	1	4.421088
Overweight Permit_str	BOBJ1	69.92	Before	Interior Girder 4	13.5	0.95	1	1	4.421088
Overweight Permit_str	BOBJ1	69.92	Before	Interior Girder 5	13.5	0.95	1	1	4.751824
Overweight Permit_str	BOBJ1	69.92	Before	Interior Girder 6	13.5	0.95	1	1	4.365063
Overweight Permit_str	BOBJ1	69.92	Before	Right Exterior Girder	13.5	0.95	1	1	4.118725
Overweight Permit_str	BOBJ1	69.92	After	Left Exterior Girder	13.5	0.95	1	1	3.494384
Overweight Permit_str	BOBJ1	69.92	After	Interior Girder 1	13.5	0.95	1	1	4.106528
Overweight Permit_str	BOBJ1	69.92	After	Interior Girder 2	13.5	0.95	1	1	4.488898
Overweight Permit_str	BOBJ1	69.92	After	Interior Girder 3	13.5	0.95	1	1	4.246043
Overweight Permit_str	BOBJ1	69.92	After	Interior Girder 4	13.5	0.95	1	1	4.246043
Overweight Permit_str	BOBJ1	69.92	After	Interior Girder 5	13.5	0.95	1	1	4.488898
Overweight Permit_str	BOBJ1	69.92	After	Interior Girder 6	13.5	0.95	1	1	4.106528
Overweight Permit_str	BOBJ1	69.92	After	Right Exterior Girder	13.5	0.95	1	1	3.494384
Overweight Permit_str	BOBJ1	73.27	Before	Left Exterior Girder	16.85	0.95	1	1	3.456856
Overweight Permit_str	BOBJ1	73.27	Before	Interior Girder 1	16.85	0.95	1	1	3.41134
Overweight Permit_str	BOBJ1	73.27	Before	Interior Girder 2	16.85	0.95	1	1	3.528863
Overweight Permit_str	BOBJ1	73.27	Before	Interior Girder 3	16.85	0.95	1	1	3.42056
Overweight Permit_str	BOBJ1	73.27	Before	Interior Girder 4	16.85	0.95	1	1	3.42056
Overweight Permit_str	BOBJ1	73.27	Before	Interior Girder 5	16.85	0.95	1	1	3.528863
Overweight Permit_str	BOBJ1	73.27	Before	Interior Girder 6	16.85	0.95	1	1	3.41134
Overweight Permit_str	BOBJ1	73.27	Before	Right Exterior Girder	16.85	0.95	1	1	3.456856
Overweight Permit_str	BOBJ1	73.27	After	Left Exterior Girder	16.85	0.95	1	1	3.580617
Overweight Permit_str	BOBJ1	73.27	After	Interior Girder 1	16.85	0.95	1	1	3.34005
Overweight Permit_str	BOBJ1	73.27	After	Interior Girder 2	16.85	0.95	1	1	3.492146
Overweight Permit_str	BOBJ1	73.27	After	Interior Girder 3	16.85	0.95	1	1	3.450733
Overweight Permit_str	BOBJ1	73.27	After	Interior Girder 4	16.85	0.95	1	1	3.450733
Overweight Permit_str	BOBJ1	73.27	After	Interior Girder 5	16.85	0.95	1	1	3.492146
Overweight Permit_str	BOBJ1	73.27	After	Interior Girder 6	16.85	0.95	1	1	3.34005
Overweight Permit_str	BOBJ1	73.27	After	Right Exterior Girder	16.85	0.95	1	1	3.580617
Overweight Permit_str	BOBJ1	81.695	Before	Left Exterior Girder	25.275	0.95	1	1	1.951256
Overweight Permit_str	BOBJ1	81.695	Before	Interior Girder 1	25.275	0.95	1	1	1.88373
Overweight Permit_str	BOBJ1	81.695	Before	Interior Girder 2	25.275	0.95	1	1	2.07871
Overweight Permit_str	BOBJ1	81.695	Before	Interior Girder 3	25.275	0.95	1	1	1.961218
Overweight Permit_str	BOBJ1	81.695	Before	Interior Girder 4	25.275	0.95	1	1	1.961218
Overweight Permit_str	BOBJ1	81.695	Before	Interior Girder 5	25.275	0.95	1	1	2.07871
Overweight Permit_str	BOBJ1	81.695	Before	Interior Girder 6	25.275	0.95	1	1	1.88373
Overweight Permit_str	BOBJ1	81.695	Before	Right Exterior Girder	25.275	0.95	1	1	1.951256
Overweight Permit_str	BOBJ1	81.695	After	Left Exterior Girder	25.275	0.95	1	1	2.010536
Overweight Permit_str	BOBJ1	81.695	After	Interior Girder 1	25.275	0.95	1	1	1.863105
Overweight Permit_str	BOBJ1	81.695	After	Interior Girder 2	25.275	0.95	1	1	2.082468
Overweight Permit_str	BOBJ1	81.695	After	Interior Girder 3	25.275	0.95	1	1	1.984947
Overweight Permit_str	BOBJ1	81.695	After	Interior Girder 4	25.275	0.95	1	1	1.984947
Overweight Permit_str	BOBJ1	81.695	After	Interior Girder 5	25.275	0.95	1	1	2.082468
Overweight Permit_str	BOBJ1	81.695	After	Interior Girder 6	25.275	0.95	1	1	1.863105
Overweight Permit_str	BOBJ1	81.695	After	Right Exterior Girder	25.275	0.95	1	1	2.010536
Overweight Permit_str	BOBJ1	90.12	Before	Left Exterior Girder	33.7	0.95	1	1	1.605799
Overweight Permit_str	BOBJ1	90.12	Before	Interior Girder 1	33.7	0.95	1	1	1.769699
Overweight Permit_str	BOBJ1	90.12	Before	Interior Girder 2	33.7	0.95	1	1	1.9978
Overweight Permit_str	BOBJ1	90.12	Before	Interior Girder 3	33.7	0.95	1	1	1.994811
Overweight Permit_str	BOBJ1	90.12	Before	Interior Girder 4	33.7	0.95	1	1	1.994811
Overweight Permit_str	BOBJ1	90.12	Before	Interior Girder 5	33.7	0.95	1	1	1.9978
Overweight Permit_str	BOBJ1	90.12	Before	Interior Girder 6	33.7	0.95	1	1	1.769699
Overweight Permit_str	BOBJ1	90.12	Before	Right Exterior Girder	33.7	0.95	1	1	1.605799
Overweight Permit_str	BOBJ1	90.12	After	Left Exterior Girder	33.7	0.95	1	1	1.608309

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelINonCompStrgth-Flx - Approach, Span 7-11									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Overweight Permit_str	BOBJ1	90.12	After	Interior Girder 1	33.7	0.95	1	1	1.770393
Overweight Permit_str	BOBJ1	90.12	After	Interior Girder 2	33.7	0.95	1	1	1.994843
Overweight Permit_str	BOBJ1	90.12	After	Interior Girder 3	33.7	0.95	1	1	1.996788
Overweight Permit_str	BOBJ1	90.12	After	Interior Girder 4	33.7	0.95	1	1	1.996788
Overweight Permit_str	BOBJ1	90.12	After	Interior Girder 5	33.7	0.95	1	1	1.994843
Overweight Permit_str	BOBJ1	90.12	After	Interior Girder 6	33.7	0.95	1	1	1.770393
Overweight Permit_str	BOBJ1	90.12	After	Right Exterior Girder	33.7	0.95	1	1	1.608309
Overweight Permit_str	BOBJ1	98.545	Before	Left Exterior Girder	42.125	0.95	1	1	1.956725
Overweight Permit_str	BOBJ1	98.545	Before	Interior Girder 1	42.125	0.95	1	1	1.835197
Overweight Permit_str	BOBJ1	98.545	Before	Interior Girder 2	42.125	0.95	1	1	2.062418
Overweight Permit_str	BOBJ1	98.545	Before	Interior Girder 3	42.125	0.95	1	1	1.971966
Overweight Permit_str	BOBJ1	98.545	Before	Interior Girder 4	42.125	0.95	1	1	1.971966
Overweight Permit_str	BOBJ1	98.545	Before	Interior Girder 5	42.125	0.95	1	1	2.062418
Overweight Permit_str	BOBJ1	98.545	Before	Interior Girder 6	42.125	0.95	1	1	1.835197
Overweight Permit_str	BOBJ1	98.545	Before	Right Exterior Girder	42.125	0.95	1	1	1.956725
Overweight Permit_str	BOBJ1	98.545	After	Left Exterior Girder	42.125	0.95	1	1	1.905323
Overweight Permit_str	BOBJ1	98.545	After	Interior Girder 1	42.125	0.95	1	1	1.853387
Overweight Permit_str	BOBJ1	98.545	After	Interior Girder 2	42.125	0.95	1	1	2.05709
Overweight Permit_str	BOBJ1	98.545	After	Interior Girder 3	42.125	0.95	1	1	1.948496
Overweight Permit_str	BOBJ1	98.545	After	Interior Girder 4	42.125	0.95	1	1	1.948496
Overweight Permit_str	BOBJ1	98.545	After	Interior Girder 5	42.125	0.95	1	1	2.05709
Overweight Permit_str	BOBJ1	98.545	After	Interior Girder 6	42.125	0.95	1	1	1.853387
Overweight Permit_str	BOBJ1	98.545	After	Right Exterior Girder	42.125	0.95	1	1	1.905323
Overweight Permit_str	BOBJ1	106.97	Before	Left Exterior Girder	50.55	0.95	1	1	3.358994
Overweight Permit_str	BOBJ1	106.97	Before	Interior Girder 1	50.55	0.95	1	1	3.19353
Overweight Permit_str	BOBJ1	106.97	Before	Interior Girder 2	50.55	0.95	1	1	3.386147
Overweight Permit_str	BOBJ1	106.97	Before	Interior Girder 3	50.55	0.95	1	1	3.346777
Overweight Permit_str	BOBJ1	106.97	Before	Interior Girder 4	50.55	0.95	1	1	3.346777
Overweight Permit_str	BOBJ1	106.97	Before	Interior Girder 5	50.55	0.95	1	1	3.386147
Overweight Permit_str	BOBJ1	106.97	Before	Interior Girder 6	50.55	0.95	1	1	3.19353
Overweight Permit_str	BOBJ1	106.97	Before	Right Exterior Girder	50.55	0.95	1	1	3.358994
Overweight Permit_str	BOBJ1	106.97	After	Left Exterior Girder	50.55	0.95	1	1	3.208665
Overweight Permit_str	BOBJ1	106.97	After	Interior Girder 1	50.55	0.95	1	1	3.263966
Overweight Permit_str	BOBJ1	106.97	After	Interior Girder 2	50.55	0.95	1	1	3.411722
Overweight Permit_str	BOBJ1	106.97	After	Interior Girder 3	50.55	0.95	1	1	3.276424
Overweight Permit_str	BOBJ1	106.97	After	Interior Girder 4	50.55	0.95	1	1	3.276424
Overweight Permit_str	BOBJ1	106.97	After	Interior Girder 5	50.55	0.95	1	1	3.411722
Overweight Permit_str	BOBJ1	106.97	After	Interior Girder 6	50.55	0.95	1	1	3.263966
Overweight Permit_str	BOBJ1	106.97	After	Right Exterior Girder	50.55	0.95	1	1	3.208665
Overweight Permit_str	BOBJ1	115.405	Before	Left Exterior Girder	58.985	0.95	1	1	1.722068
Overweight Permit_str	BOBJ1	115.405	Before	Interior Girder 1	58.985	0.95	1	1	2.370286
Overweight Permit_str	BOBJ1	115.405	Before	Interior Girder 2	58.985	0.95	1	1	2.810737
Overweight Permit_str	BOBJ1	115.405	Before	Interior Girder 3	58.985	0.95	1	1	2.671523
Overweight Permit_str	BOBJ1	115.405	Before	Interior Girder 4	58.985	0.95	1	1	2.671523
Overweight Permit_str	BOBJ1	115.405	Before	Interior Girder 5	58.985	0.95	1	1	2.810737
Overweight Permit_str	BOBJ1	115.405	Before	Interior Girder 6	58.985	0.95	1	1	2.370286
Overweight Permit_str	BOBJ1	115.405	Before	Right Exterior Girder	58.985	0.95	1	1	1.722068
Overweight Permit_str	BOBJ1	115.405	After	Left Exterior Girder	58.985	0.95	1	1	1.820725
Overweight Permit_str	BOBJ1	115.405	After	Interior Girder 1	58.985	0.95	1	1	2.287624
Overweight Permit_str	BOBJ1	115.405	After	Interior Girder 2	58.985	0.95	1	1	2.819071
Overweight Permit_str	BOBJ1	115.405	After	Interior Girder 3	58.985	0.95	1	1	2.719213
Overweight Permit_str	BOBJ1	115.405	After	Interior Girder 4	58.985	0.95	1	1	2.719213
Overweight Permit_str	BOBJ1	115.405	After	Interior Girder 5	58.985	0.95	1	1	2.819071
Overweight Permit_str	BOBJ1	115.405	After	Interior Girder 6	58.985	0.95	1	1	2.287624
Overweight Permit_str	BOBJ1	115.405	After	Right Exterior Girder	58.985	0.95	1	1	1.820725
Overweight Permit_str	BOBJ1	116.34	Before	Left Exterior Girder	59.92	0.95	1	1	1.504144
Overweight Permit_str	BOBJ1	116.34	Before	Right Exterior Girder	59.92	0.95	1	1	1.504144
Overweight Permit_str	BOBJ1	116.34	After	Left Exterior Girder	59.92	0.95	1	1	3.151914
Overweight Permit_str	BOBJ1	116.34	After	Right Exterior Girder	59.92	0.95	1	1	3.151914
Overweight Permit_str	BOBJ1	118.84	Before	Interior Girder 1	62.42	0.95	1	1	1.595748
Overweight Permit_str	BOBJ1	118.84	Before	Interior Girder 2	62.42	0.95	1	1	2.001904
Overweight Permit_str	BOBJ1	118.84	Before	Interior Girder 3	62.42	0.95	1	1	1.816791
Overweight Permit_str	BOBJ1	118.84	Before	Interior Girder 4	62.42	0.95	1	1	1.816791
Overweight Permit_str	BOBJ1	118.84	Before	Interior Girder 5	62.42	0.95	1	1	2.001904
Overweight Permit_str	BOBJ1	118.84	Before	Interior Girder 6	62.42	0.95	1	1	1.595748

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelINonCompStrgth-Flx - Approach, Span 7-11									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Overweight Permit_str	BOBJ1	118.84	After	Interior Girder 1	62.42	0.95	1	1	2.301913
Overweight Permit_str	BOBJ1	118.84	After	Interior Girder 2	62.42	0.95	1	1	2.825064
Overweight Permit_str	BOBJ1	118.84	After	Interior Girder 3	62.42	0.95	1	1	2.615763
Overweight Permit_str	BOBJ1	118.84	After	Interior Girder 4	62.42	0.95	1	1	2.615763
Overweight Permit_str	BOBJ1	118.84	After	Interior Girder 5	62.42	0.95	1	1	2.825064
Overweight Permit_str	BOBJ1	118.84	After	Interior Girder 6	62.42	0.95	1	1	2.301913
Overweight Permit_str	BOBJ1	123.84	Before	Left Exterior Girder	67.42	0.95	1	1	1.365177
Overweight Permit_str	BOBJ1	123.84	Before	Interior Girder 1	67.42	0.95	1	1	1.367467
Overweight Permit_str	BOBJ1	123.84	Before	Interior Girder 2	67.42	0.95	1	1	1.735982
Overweight Permit_str	BOBJ1	123.84	Before	Interior Girder 3	67.42	0.95	1	1	1.448927
Overweight Permit_str	BOBJ1	123.84	Before	Interior Girder 4	67.42	0.95	1	1	1.448927
Overweight Permit_str	BOBJ1	123.84	Before	Interior Girder 5	67.42	0.95	1	1	1.735982
Overweight Permit_str	BOBJ1	123.84	Before	Interior Girder 6	67.42	0.95	1	1	1.367467
Overweight Permit_str	BOBJ1	123.84	Before	Right Exterior Girder	67.42	0.95	1	1	1.365177
Overweight Permit_str	BOBJ1	123.84	After	Left Exterior Girder	0	0.95	1	1	1.36152
Overweight Permit_str	BOBJ1	123.84	After	Interior Girder 1	0	0.95	1	1	1.369397
Overweight Permit_str	BOBJ1	123.84	After	Interior Girder 2	0	0.95	1	1	1.734498
Overweight Permit_str	BOBJ1	123.84	After	Interior Girder 3	0	0.95	1	1	1.445639
Overweight Permit_str	BOBJ1	123.84	After	Interior Girder 4	0	0.95	1	1	1.445639
Overweight Permit_str	BOBJ1	123.84	After	Interior Girder 5	0	0.95	1	1	1.734498
Overweight Permit_str	BOBJ1	123.84	After	Interior Girder 6	0	0.95	1	1	1.369397
Overweight Permit_str	BOBJ1	123.84	After	Right Exterior Girder	0	0.95	1	1	1.36152
Overweight Permit_str	BOBJ1	128.84	Before	Interior Girder 1	5	0.95	1	1	2.313952
Overweight Permit_str	BOBJ1	128.84	Before	Interior Girder 2	5	0.95	1	1	2.844888
Overweight Permit_str	BOBJ1	128.84	Before	Interior Girder 3	5	0.95	1	1	2.624582
Overweight Permit_str	BOBJ1	128.84	Before	Interior Girder 4	5	0.95	1	1	2.624582
Overweight Permit_str	BOBJ1	128.84	Before	Interior Girder 5	5	0.95	1	1	2.844888
Overweight Permit_str	BOBJ1	128.84	Before	Interior Girder 6	5	0.95	1	1	2.313952
Overweight Permit_str	BOBJ1	128.84	After	Interior Girder 1	5	0.95	1	1	1.605078
Overweight Permit_str	BOBJ1	128.84	After	Interior Girder 2	5	0.95	1	1	2.017587
Overweight Permit_str	BOBJ1	128.84	After	Interior Girder 3	5	0.95	1	1	1.824369
Overweight Permit_str	BOBJ1	128.84	After	Interior Girder 4	5	0.95	1	1	1.824369
Overweight Permit_str	BOBJ1	128.84	After	Interior Girder 5	5	0.95	1	1	2.017587
Overweight Permit_str	BOBJ1	128.84	After	Interior Girder 6	5	0.95	1	1	1.605078
Overweight Permit_str	BOBJ1	131.34	Before	Left Exterior Girder	7.5	0.95	1	1	3.174216
Overweight Permit_str	BOBJ1	131.34	Before	Right Exterior Girder	7.5	0.95	1	1	3.174216
Overweight Permit_str	BOBJ1	131.34	After	Left Exterior Girder	7.5	0.95	1	1	1.516691
Overweight Permit_str	BOBJ1	131.34	After	Right Exterior Girder	7.5	0.95	1	1	1.516691
Overweight Permit_str	BOBJ1	132.265	Before	Left Exterior Girder	8.425	0.95	1	1	1.824343
Overweight Permit_str	BOBJ1	132.265	Before	Interior Girder 1	8.425	0.95	1	1	2.312215
Overweight Permit_str	BOBJ1	132.265	Before	Interior Girder 2	8.425	0.95	1	1	2.849021
Overweight Permit_str	BOBJ1	132.265	Before	Interior Girder 3	8.425	0.95	1	1	2.732728
Overweight Permit_str	BOBJ1	132.265	Before	Interior Girder 4	8.425	0.95	1	1	2.732728
Overweight Permit_str	BOBJ1	132.265	Before	Interior Girder 5	8.425	0.95	1	1	2.849021
Overweight Permit_str	BOBJ1	132.265	Before	Interior Girder 6	8.425	0.95	1	1	2.312215
Overweight Permit_str	BOBJ1	132.265	Before	Right Exterior Girder	8.425	0.95	1	1	1.824343
Overweight Permit_str	BOBJ1	132.265	After	Left Exterior Girder	8.425	0.95	1	1	1.725544
Overweight Permit_str	BOBJ1	132.265	After	Interior Girder 1	8.425	0.95	1	1	2.396783
Overweight Permit_str	BOBJ1	132.265	After	Interior Girder 2	8.425	0.95	1	1	2.835388
Overweight Permit_str	BOBJ1	132.265	After	Interior Girder 3	8.425	0.95	1	1	2.684994
Overweight Permit_str	BOBJ1	132.265	After	Interior Girder 4	8.425	0.95	1	1	2.684994
Overweight Permit_str	BOBJ1	132.265	After	Interior Girder 5	8.425	0.95	1	1	2.835388
Overweight Permit_str	BOBJ1	132.265	After	Interior Girder 6	8.425	0.95	1	1	2.396783
Overweight Permit_str	BOBJ1	132.265	After	Right Exterior Girder	8.425	0.95	1	1	1.725544
Overweight Permit_str	BOBJ1	140.69	Before	Left Exterior Girder	16.85	0.95	1	1	3.241647
Overweight Permit_str	BOBJ1	140.69	Before	Interior Girder 1	16.85	0.95	1	1	3.277535
Overweight Permit_str	BOBJ1	140.69	Before	Interior Girder 2	16.85	0.95	1	1	3.420297
Overweight Permit_str	BOBJ1	140.69	Before	Interior Girder 3	16.85	0.95	1	1	3.292616
Overweight Permit_str	BOBJ1	140.69	Before	Interior Girder 4	16.85	0.95	1	1	3.292616
Overweight Permit_str	BOBJ1	140.69	Before	Interior Girder 5	16.85	0.95	1	1	3.420297
Overweight Permit_str	BOBJ1	140.69	Before	Interior Girder 6	16.85	0.95	1	1	3.277535
Overweight Permit_str	BOBJ1	140.69	Before	Right Exterior Girder	16.85	0.95	1	1	3.241647
Overweight Permit_str	BOBJ1	140.69	After	Left Exterior Girder	16.85	0.95	1	1	3.397252
Overweight Permit_str	BOBJ1	140.69	After	Interior Girder 1	16.85	0.95	1	1	3.206281
Overweight Permit_str	BOBJ1	140.69	After	Interior Girder 2	16.85	0.95	1	1	3.39377

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelINonCompStrgth-Flx - Approach, Span 7-11									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Overweight Permit_str	BOBJ1	140.69	After	Interior Girder 3	16.85	0.95	1	1	3.362687
Overweight Permit_str	BOBJ1	140.69	After	Interior Girder 4	16.85	0.95	1	1	3.362687
Overweight Permit_str	BOBJ1	140.69	After	Interior Girder 5	16.85	0.95	1	1	3.39377
Overweight Permit_str	BOBJ1	140.69	After	Interior Girder 6	16.85	0.95	1	1	3.206281
Overweight Permit_str	BOBJ1	140.69	After	Right Exterior Girder	16.85	0.95	1	1	3.397252
Overweight Permit_str	BOBJ1	149.115	Before	Left Exterior Girder	25.275	0.95	1	1	1.898444
Overweight Permit_str	BOBJ1	149.115	Before	Interior Girder 1	25.275	0.95	1	1	1.841166
Overweight Permit_str	BOBJ1	149.115	Before	Interior Girder 2	25.275	0.95	1	1	2.049713
Overweight Permit_str	BOBJ1	149.115	Before	Interior Girder 3	25.275	0.95	1	1	1.946532
Overweight Permit_str	BOBJ1	149.115	Before	Interior Girder 4	25.275	0.95	1	1	1.946532
Overweight Permit_str	BOBJ1	149.115	Before	Interior Girder 5	25.275	0.95	1	1	2.049713
Overweight Permit_str	BOBJ1	149.115	Before	Interior Girder 6	25.275	0.95	1	1	1.841166
Overweight Permit_str	BOBJ1	149.115	Before	Right Exterior Girder	25.275	0.95	1	1	1.898444
Overweight Permit_str	BOBJ1	149.115	After	Left Exterior Girder	25.275	0.95	1	1	1.951519
Overweight Permit_str	BOBJ1	149.115	After	Interior Girder 1	25.275	0.95	1	1	1.823366
Overweight Permit_str	BOBJ1	149.115	After	Interior Girder 2	25.275	0.95	1	1	2.054102
Overweight Permit_str	BOBJ1	149.115	After	Interior Girder 3	25.275	0.95	1	1	1.969507
Overweight Permit_str	BOBJ1	149.115	After	Interior Girder 4	25.275	0.95	1	1	1.969507
Overweight Permit_str	BOBJ1	149.115	After	Interior Girder 5	25.275	0.95	1	1	2.054102
Overweight Permit_str	BOBJ1	149.115	After	Interior Girder 6	25.275	0.95	1	1	1.823366
Overweight Permit_str	BOBJ1	149.115	After	Right Exterior Girder	25.275	0.95	1	1	1.951519
Overweight Permit_str	BOBJ1	157.54	Before	Left Exterior Girder	33.7	0.95	1	1	1.582578
Overweight Permit_str	BOBJ1	157.54	Before	Interior Girder 1	33.7	0.95	1	1	1.739898
Overweight Permit_str	BOBJ1	157.54	Before	Interior Girder 2	33.7	0.95	1	1	1.973167
Overweight Permit_str	BOBJ1	157.54	Before	Interior Girder 3	33.7	0.95	1	1	1.984105
Overweight Permit_str	BOBJ1	157.54	Before	Interior Girder 4	33.7	0.95	1	1	1.984105
Overweight Permit_str	BOBJ1	157.54	Before	Interior Girder 5	33.7	0.95	1	1	1.973167
Overweight Permit_str	BOBJ1	157.54	Before	Interior Girder 6	33.7	0.95	1	1	1.739898
Overweight Permit_str	BOBJ1	157.54	Before	Right Exterior Girder	33.7	0.95	1	1	1.582578
Overweight Permit_str	BOBJ1	157.54	After	Left Exterior Girder	33.7	0.95	1	1	1.582771
Overweight Permit_str	BOBJ1	157.54	After	Interior Girder 1	33.7	0.95	1	1	1.739806
Overweight Permit_str	BOBJ1	157.54	After	Interior Girder 2	33.7	0.95	1	1	1.973122
Overweight Permit_str	BOBJ1	157.54	After	Interior Girder 3	33.7	0.95	1	1	1.984204
Overweight Permit_str	BOBJ1	157.54	After	Interior Girder 4	33.7	0.95	1	1	1.984204
Overweight Permit_str	BOBJ1	157.54	After	Interior Girder 5	33.7	0.95	1	1	1.973122
Overweight Permit_str	BOBJ1	157.54	After	Interior Girder 6	33.7	0.95	1	1	1.739806
Overweight Permit_str	BOBJ1	157.54	After	Right Exterior Girder	33.7	0.95	1	1	1.582771
Overweight Permit_str	BOBJ1	165.965	Before	Left Exterior Girder	42.125	0.95	1	1	1.949695
Overweight Permit_str	BOBJ1	165.965	Before	Interior Girder 1	42.125	0.95	1	1	1.822543
Overweight Permit_str	BOBJ1	165.965	Before	Interior Girder 2	42.125	0.95	1	1	2.053236
Overweight Permit_str	BOBJ1	165.965	Before	Interior Girder 3	42.125	0.95	1	1	1.96858
Overweight Permit_str	BOBJ1	165.965	Before	Interior Girder 4	42.125	0.95	1	1	1.96858
Overweight Permit_str	BOBJ1	165.965	Before	Interior Girder 5	42.125	0.95	1	1	2.053236
Overweight Permit_str	BOBJ1	165.965	Before	Interior Girder 6	42.125	0.95	1	1	1.822543
Overweight Permit_str	BOBJ1	165.965	Before	Right Exterior Girder	42.125	0.95	1	1	1.949695
Overweight Permit_str	BOBJ1	165.965	After	Left Exterior Girder	42.125	0.95	1	1	1.897061
Overweight Permit_str	BOBJ1	165.965	After	Interior Girder 1	42.125	0.95	1	1	1.840254
Overweight Permit_str	BOBJ1	165.965	After	Interior Girder 2	42.125	0.95	1	1	2.048825
Overweight Permit_str	BOBJ1	165.965	After	Interior Girder 3	42.125	0.95	1	1	1.945713
Overweight Permit_str	BOBJ1	165.965	After	Interior Girder 4	42.125	0.95	1	1	1.945713
Overweight Permit_str	BOBJ1	165.965	After	Interior Girder 5	42.125	0.95	1	1	2.048825
Overweight Permit_str	BOBJ1	165.965	After	Interior Girder 6	42.125	0.95	1	1	1.840254
Overweight Permit_str	BOBJ1	165.965	After	Right Exterior Girder	42.125	0.95	1	1	1.897061
Overweight Permit_str	BOBJ1	174.39	Before	Left Exterior Girder	50.55	0.95	1	1	3.389964
Overweight Permit_str	BOBJ1	174.39	Before	Interior Girder 1	50.55	0.95	1	1	3.202139
Overweight Permit_str	BOBJ1	174.39	Before	Interior Girder 2	50.55	0.95	1	1	3.390195
Overweight Permit_str	BOBJ1	174.39	Before	Interior Girder 3	50.55	0.95	1	1	3.358027
Overweight Permit_str	BOBJ1	174.39	Before	Interior Girder 4	50.55	0.95	1	1	3.358027
Overweight Permit_str	BOBJ1	174.39	Before	Interior Girder 5	50.55	0.95	1	1	3.390195
Overweight Permit_str	BOBJ1	174.39	Before	Interior Girder 6	50.55	0.95	1	1	3.202139
Overweight Permit_str	BOBJ1	174.39	Before	Right Exterior Girder	50.55	0.95	1	1	3.389964
Overweight Permit_str	BOBJ1	174.39	After	Left Exterior Girder	50.55	0.95	1	1	3.235052
Overweight Permit_str	BOBJ1	174.39	After	Interior Girder 1	50.55	0.95	1	1	3.273097
Overweight Permit_str	BOBJ1	174.39	After	Interior Girder 2	50.55	0.95	1	1	3.416749
Overweight Permit_str	BOBJ1	174.39	After	Interior Girder 3	50.55	0.95	1	1	3.288215

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelINonCompStrgth-Flx - Approach, Span 7-11									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Overweight Permit_str	BOBJ1	174.39	After	Interior Girder 4	50.55	0.95	1	1	3.288215
Overweight Permit_str	BOBJ1	174.39	After	Interior Girder 5	50.55	0.95	1	1	3.416749
Overweight Permit_str	BOBJ1	174.39	After	Interior Girder 6	50.55	0.95	1	1	3.273097
Overweight Permit_str	BOBJ1	174.39	After	Right Exterior Girder	50.55	0.95	1	1	3.235052
Overweight Permit_str	BOBJ1	182.825	Before	Left Exterior Girder	58.985	0.95	1	1	1.727605
Overweight Permit_str	BOBJ1	182.825	Before	Interior Girder 1	58.985	0.95	1	1	2.395488
Overweight Permit_str	BOBJ1	182.825	Before	Interior Girder 2	58.985	0.95	1	1	2.833165
Overweight Permit_str	BOBJ1	182.825	Before	Interior Girder 3	58.985	0.95	1	1	2.686555
Overweight Permit_str	BOBJ1	182.825	Before	Interior Girder 4	58.985	0.95	1	1	2.686555
Overweight Permit_str	BOBJ1	182.825	Before	Interior Girder 5	58.985	0.95	1	1	2.833165
Overweight Permit_str	BOBJ1	182.825	Before	Interior Girder 6	58.985	0.95	1	1	2.395488
Overweight Permit_str	BOBJ1	182.825	Before	Right Exterior Girder	58.985	0.95	1	1	1.727605
Overweight Permit_str	BOBJ1	182.825	After	Left Exterior Girder	58.985	0.95	1	1	1.826633
Overweight Permit_str	BOBJ1	182.825	After	Interior Girder 1	58.985	0.95	1	1	2.311023
Overweight Permit_str	BOBJ1	182.825	After	Interior Girder 2	58.985	0.95	1	1	2.846681
Overweight Permit_str	BOBJ1	182.825	After	Interior Girder 3	58.985	0.95	1	1	2.73469
Overweight Permit_str	BOBJ1	182.825	After	Interior Girder 4	58.985	0.95	1	1	2.73469
Overweight Permit_str	BOBJ1	182.825	After	Interior Girder 5	58.985	0.95	1	1	2.846681
Overweight Permit_str	BOBJ1	182.825	After	Interior Girder 6	58.985	0.95	1	1	2.311023
Overweight Permit_str	BOBJ1	182.825	After	Right Exterior Girder	58.985	0.95	1	1	1.826633
Overweight Permit_str	BOBJ1	183.76	Before	Left Exterior Girder	59.92	0.95	1	1	1.507727
Overweight Permit_str	BOBJ1	183.76	Before	Right Exterior Girder	59.92	0.95	1	1	1.507727
Overweight Permit_str	BOBJ1	183.76	After	Left Exterior Girder	59.92	0.95	1	1	3.15952
Overweight Permit_str	BOBJ1	183.76	After	Right Exterior Girder	59.92	0.95	1	1	3.15952
Overweight Permit_str	BOBJ1	186.26	Before	Interior Girder 1	62.42	0.95	1	1	1.601732
Overweight Permit_str	BOBJ1	186.26	Before	Interior Girder 2	62.42	0.95	1	1	2.013296
Overweight Permit_str	BOBJ1	186.26	Before	Interior Girder 3	62.42	0.95	1	1	1.823688
Overweight Permit_str	BOBJ1	186.26	Before	Interior Girder 4	62.42	0.95	1	1	1.823688
Overweight Permit_str	BOBJ1	186.26	Before	Interior Girder 5	62.42	0.95	1	1	2.013296
Overweight Permit_str	BOBJ1	186.26	Before	Interior Girder 6	62.42	0.95	1	1	1.601732
Overweight Permit_str	BOBJ1	186.26	After	Interior Girder 1	62.42	0.95	1	1	2.309994
Overweight Permit_str	BOBJ1	186.26	After	Interior Girder 2	62.42	0.95	1	1	2.839472
Overweight Permit_str	BOBJ1	186.26	After	Interior Girder 3	62.42	0.95	1	1	2.624098
Overweight Permit_str	BOBJ1	186.26	After	Interior Girder 4	62.42	0.95	1	1	2.624098
Overweight Permit_str	BOBJ1	186.26	After	Interior Girder 5	62.42	0.95	1	1	2.839472
Overweight Permit_str	BOBJ1	186.26	After	Interior Girder 6	62.42	0.95	1	1	2.309994
Overweight Permit_str	BOBJ1	191.26	Before	Left Exterior Girder	67.42	0.95	1	1	1.361293
Overweight Permit_str	BOBJ1	191.26	Before	Interior Girder 1	67.42	0.95	1	1	1.366366
Overweight Permit_str	BOBJ1	191.26	Before	Interior Girder 2	67.42	0.95	1	1	1.730165
Overweight Permit_str	BOBJ1	191.26	Before	Interior Girder 3	67.42	0.95	1	1	1.44507
Overweight Permit_str	BOBJ1	191.26	Before	Interior Girder 4	67.42	0.95	1	1	1.44507
Overweight Permit_str	BOBJ1	191.26	Before	Interior Girder 5	67.42	0.95	1	1	1.730165
Overweight Permit_str	BOBJ1	191.26	Before	Interior Girder 6	67.42	0.95	1	1	1.366366
Overweight Permit_str	BOBJ1	191.26	Before	Right Exterior Girder	67.42	0.95	1	1	1.361293
Overweight Permit_str	BOBJ1	191.26	After	Left Exterior Girder	0	0.95	1	1	1.363353
Overweight Permit_str	BOBJ1	191.26	After	Interior Girder 1	0	0.95	1	1	1.36863
Overweight Permit_str	BOBJ1	191.26	After	Interior Girder 2	0	0.95	1	1	1.738711
Overweight Permit_str	BOBJ1	191.26	After	Interior Girder 3	0	0.95	1	1	1.448224
Overweight Permit_str	BOBJ1	191.26	After	Interior Girder 4	0	0.95	1	1	1.448224
Overweight Permit_str	BOBJ1	191.26	After	Interior Girder 5	0	0.95	1	1	1.738711
Overweight Permit_str	BOBJ1	191.26	After	Interior Girder 6	0	0.95	1	1	1.36863
Overweight Permit_str	BOBJ1	191.26	After	Right Exterior Girder	0	0.95	1	1	1.363353
Overweight Permit_str	BOBJ1	196.26	Before	Interior Girder 1	5	0.95	1	1	2.303918
Overweight Permit_str	BOBJ1	196.26	Before	Interior Girder 2	5	0.95	1	1	2.828762
Overweight Permit_str	BOBJ1	196.26	Before	Interior Girder 3	5	0.95	1	1	2.61486
Overweight Permit_str	BOBJ1	196.26	Before	Interior Girder 4	5	0.95	1	1	2.61486
Overweight Permit_str	BOBJ1	196.26	Before	Interior Girder 5	5	0.95	1	1	2.828762
Overweight Permit_str	BOBJ1	196.26	Before	Interior Girder 6	5	0.95	1	1	2.303918
Overweight Permit_str	BOBJ1	196.26	After	Interior Girder 1	5	0.95	1	1	1.597077
Overweight Permit_str	BOBJ1	196.26	After	Interior Girder 2	5	0.95	1	1	2.004466
Overweight Permit_str	BOBJ1	196.26	After	Interior Girder 3	5	0.95	1	1	1.81609
Overweight Permit_str	BOBJ1	196.26	After	Interior Girder 4	5	0.95	1	1	1.81609
Overweight Permit_str	BOBJ1	196.26	After	Interior Girder 5	5	0.95	1	1	2.004466
Overweight Permit_str	BOBJ1	196.26	After	Interior Girder 6	5	0.95	1	1	1.597077
Overweight Permit_str	BOBJ1	198.76	Before	Left Exterior Girder	7.5	0.95	1	1	3.164061

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelINonCompStrgth-Flx - Approach, Span 7-11									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Overweight Permit_str	BOBJ1	198.76	Before	Right Exterior Girder	7.5	0.95	1	1	3.164061
Overweight Permit_str	BOBJ1	198.76	After	Left Exterior Girder	7.5	0.95	1	1	1.510738
Overweight Permit_str	BOBJ1	198.76	After	Right Exterior Girder	7.5	0.95	1	1	1.510738
Overweight Permit_str	BOBJ1	199.685	Before	Left Exterior Girder	8.425	0.95	1	1	1.816116
Overweight Permit_str	BOBJ1	199.685	Before	Interior Girder 1	8.425	0.95	1	1	2.286718
Overweight Permit_str	BOBJ1	199.685	Before	Interior Girder 2	8.425	0.95	1	1	2.819707
Overweight Permit_str	BOBJ1	199.685	Before	Interior Girder 3	8.425	0.95	1	1	2.715883
Overweight Permit_str	BOBJ1	199.685	Before	Interior Girder 4	8.425	0.95	1	1	2.715883
Overweight Permit_str	BOBJ1	199.685	Before	Interior Girder 5	8.425	0.95	1	1	2.819707
Overweight Permit_str	BOBJ1	199.685	Before	Interior Girder 6	8.425	0.95	1	1	2.286718
Overweight Permit_str	BOBJ1	199.685	Before	Right Exterior Girder	8.425	0.95	1	1	1.816116
Overweight Permit_str	BOBJ1	199.685	After	Left Exterior Girder	8.425	0.95	1	1	1.717659
Overweight Permit_str	BOBJ1	199.685	After	Interior Girder 1	8.425	0.95	1	1	2.369591
Overweight Permit_str	BOBJ1	199.685	After	Interior Girder 2	8.425	0.95	1	1	2.811332
Overweight Permit_str	BOBJ1	199.685	After	Interior Girder 3	8.425	0.95	1	1	2.668673
Overweight Permit_str	BOBJ1	199.685	After	Interior Girder 4	8.425	0.95	1	1	2.668673
Overweight Permit_str	BOBJ1	199.685	After	Interior Girder 5	8.425	0.95	1	1	2.811332
Overweight Permit_str	BOBJ1	199.685	After	Interior Girder 6	8.425	0.95	1	1	2.369591
Overweight Permit_str	BOBJ1	199.685	After	Right Exterior Girder	8.425	0.95	1	1	1.717659
Overweight Permit_str	BOBJ1	208.11	Before	Left Exterior Girder	16.85	0.95	1	1	3.216201
Overweight Permit_str	BOBJ1	208.11	Before	Interior Girder 1	16.85	0.95	1	1	3.269041
Overweight Permit_str	BOBJ1	208.11	Before	Interior Girder 2	16.85	0.95	1	1	3.415728
Overweight Permit_str	BOBJ1	208.11	Before	Interior Girder 3	16.85	0.95	1	1	3.281175
Overweight Permit_str	BOBJ1	208.11	Before	Interior Girder 4	16.85	0.95	1	1	3.281175
Overweight Permit_str	BOBJ1	208.11	Before	Interior Girder 5	16.85	0.95	1	1	3.415728
Overweight Permit_str	BOBJ1	208.11	Before	Interior Girder 6	16.85	0.95	1	1	3.269041
Overweight Permit_str	BOBJ1	208.11	Before	Right Exterior Girder	16.85	0.95	1	1	3.216201
Overweight Permit_str	BOBJ1	208.11	After	Left Exterior Girder	16.85	0.95	1	1	3.367451
Overweight Permit_str	BOBJ1	208.11	After	Interior Girder 1	16.85	0.95	1	1	3.198265
Overweight Permit_str	BOBJ1	208.11	After	Interior Girder 2	16.85	0.95	1	1	3.390088
Overweight Permit_str	BOBJ1	208.11	After	Interior Girder 3	16.85	0.95	1	1	3.351681
Overweight Permit_str	BOBJ1	208.11	After	Interior Girder 4	16.85	0.95	1	1	3.351681
Overweight Permit_str	BOBJ1	208.11	After	Interior Girder 5	16.85	0.95	1	1	3.390088
Overweight Permit_str	BOBJ1	208.11	After	Interior Girder 6	16.85	0.95	1	1	3.198265
Overweight Permit_str	BOBJ1	208.11	After	Right Exterior Girder	16.85	0.95	1	1	3.367451
Overweight Permit_str	BOBJ1	216.535	Before	Left Exterior Girder	25.275	0.95	1	1	1.906214
Overweight Permit_str	BOBJ1	216.535	Before	Interior Girder 1	25.275	0.95	1	1	1.853837
Overweight Permit_str	BOBJ1	216.535	Before	Interior Girder 2	25.275	0.95	1	1	2.057603
Overweight Permit_str	BOBJ1	216.535	Before	Interior Girder 3	25.275	0.95	1	1	1.94904
Overweight Permit_str	BOBJ1	216.535	Before	Interior Girder 4	25.275	0.95	1	1	1.94904
Overweight Permit_str	BOBJ1	216.535	Before	Interior Girder 5	25.275	0.95	1	1	2.057603
Overweight Permit_str	BOBJ1	216.535	Before	Interior Girder 6	25.275	0.95	1	1	1.853837
Overweight Permit_str	BOBJ1	216.535	Before	Right Exterior Girder	25.275	0.95	1	1	1.906214
Overweight Permit_str	BOBJ1	216.535	After	Left Exterior Girder	25.275	0.95	1	1	1.95825
Overweight Permit_str	BOBJ1	216.535	After	Interior Girder 1	25.275	0.95	1	1	1.835543
Overweight Permit_str	BOBJ1	216.535	After	Interior Girder 2	25.275	0.95	1	1	2.06282
Overweight Permit_str	BOBJ1	216.535	After	Interior Girder 3	25.275	0.95	1	1	1.97251
Overweight Permit_str	BOBJ1	216.535	After	Interior Girder 4	25.275	0.95	1	1	1.97251
Overweight Permit_str	BOBJ1	216.535	After	Interior Girder 5	25.275	0.95	1	1	2.06282
Overweight Permit_str	BOBJ1	216.535	After	Interior Girder 6	25.275	0.95	1	1	1.835543
Overweight Permit_str	BOBJ1	216.535	After	Right Exterior Girder	25.275	0.95	1	1	1.95825
Overweight Permit_str	BOBJ1	224.96	Before	Left Exterior Girder	33.7	0.95	1	1	1.606629
Overweight Permit_str	BOBJ1	224.96	Before	Interior Girder 1	33.7	0.95	1	1	1.769174
Overweight Permit_str	BOBJ1	224.96	Before	Interior Girder 2	33.7	0.95	1	1	1.993778
Overweight Permit_str	BOBJ1	224.96	Before	Interior Girder 3	33.7	0.95	1	1	1.996008
Overweight Permit_str	BOBJ1	224.96	Before	Interior Girder 4	33.7	0.95	1	1	1.996008
Overweight Permit_str	BOBJ1	224.96	Before	Interior Girder 5	33.7	0.95	1	1	1.993778
Overweight Permit_str	BOBJ1	224.96	Before	Interior Girder 6	33.7	0.95	1	1	1.769174
Overweight Permit_str	BOBJ1	224.96	Before	Right Exterior Girder	33.7	0.95	1	1	1.606629
Overweight Permit_str	BOBJ1	224.96	After	Left Exterior Girder	33.7	0.95	1	1	1.604699
Overweight Permit_str	BOBJ1	224.96	After	Interior Girder 1	33.7	0.95	1	1	1.768421
Overweight Permit_str	BOBJ1	224.96	After	Interior Girder 2	33.7	0.95	1	1	1.996485
Overweight Permit_str	BOBJ1	224.96	After	Interior Girder 3	33.7	0.95	1	1	1.993911
Overweight Permit_str	BOBJ1	224.96	After	Interior Girder 4	33.7	0.95	1	1	1.993911
Overweight Permit_str	BOBJ1	224.96	After	Interior Girder 5	33.7	0.95	1	1	1.996485

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelINonCompStrgth-Flx - Approach, Span 7-11									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Overweight Permit_str	BOBJ1	224.96	After	Interior Girder 6	33.7	0.95	1	1	1.768421
Overweight Permit_str	BOBJ1	224.96	After	Right Exterior Girder	33.7	0.95	1	1	1.604699
Overweight Permit_str	BOBJ1	233.385	Before	Left Exterior Girder	42.125	0.95	1	1	2.005425
Overweight Permit_str	BOBJ1	233.385	Before	Interior Girder 1	42.125	0.95	1	1	1.859982
Overweight Permit_str	BOBJ1	233.385	Before	Interior Girder 2	42.125	0.95	1	1	2.079838
Overweight Permit_str	BOBJ1	233.385	Before	Interior Girder 3	42.125	0.95	1	1	1.982704
Overweight Permit_str	BOBJ1	233.385	Before	Interior Girder 4	42.125	0.95	1	1	1.982704
Overweight Permit_str	BOBJ1	233.385	Before	Interior Girder 5	42.125	0.95	1	1	2.079838
Overweight Permit_str	BOBJ1	233.385	Before	Interior Girder 6	42.125	0.95	1	1	1.859982
Overweight Permit_str	BOBJ1	233.385	Before	Right Exterior Girder	42.125	0.95	1	1	2.005425
Overweight Permit_str	BOBJ1	233.385	After	Left Exterior Girder	42.125	0.95	1	1	1.946919
Overweight Permit_str	BOBJ1	233.385	After	Interior Girder 1	42.125	0.95	1	1	1.880441
Overweight Permit_str	BOBJ1	233.385	After	Interior Girder 2	42.125	0.95	1	1	2.075973
Overweight Permit_str	BOBJ1	233.385	After	Interior Girder 3	42.125	0.95	1	1	1.959039
Overweight Permit_str	BOBJ1	233.385	After	Interior Girder 4	42.125	0.95	1	1	1.959039
Overweight Permit_str	BOBJ1	233.385	After	Interior Girder 5	42.125	0.95	1	1	2.075973
Overweight Permit_str	BOBJ1	233.385	After	Interior Girder 6	42.125	0.95	1	1	1.880441
Overweight Permit_str	BOBJ1	233.385	After	Right Exterior Girder	42.125	0.95	1	1	1.946919
Overweight Permit_str	BOBJ1	241.81	Before	Left Exterior Girder	50.55	0.95	1	1	3.565789
Overweight Permit_str	BOBJ1	241.81	Before	Interior Girder 1	50.55	0.95	1	1	3.3306
Overweight Permit_str	BOBJ1	241.81	Before	Interior Girder 2	50.55	0.95	1	1	3.485153
Overweight Permit_str	BOBJ1	241.81	Before	Interior Girder 3	50.55	0.95	1	1	3.443488
Overweight Permit_str	BOBJ1	241.81	Before	Interior Girder 4	50.55	0.95	1	1	3.443488
Overweight Permit_str	BOBJ1	241.81	Before	Interior Girder 5	50.55	0.95	1	1	3.485153
Overweight Permit_str	BOBJ1	241.81	Before	Interior Girder 6	50.55	0.95	1	1	3.3306
Overweight Permit_str	BOBJ1	241.81	Before	Right Exterior Girder	50.55	0.95	1	1	3.565789
Overweight Permit_str	BOBJ1	241.81	After	Left Exterior Girder	50.55	0.95	1	1	3.442992
Overweight Permit_str	BOBJ1	241.81	After	Interior Girder 1	50.55	0.95	1	1	3.401455
Overweight Permit_str	BOBJ1	241.81	After	Interior Girder 2	50.55	0.95	1	1	3.521495
Overweight Permit_str	BOBJ1	241.81	After	Interior Girder 3	50.55	0.95	1	1	3.413178
Overweight Permit_str	BOBJ1	241.81	After	Interior Girder 4	50.55	0.95	1	1	3.413178
Overweight Permit_str	BOBJ1	241.81	After	Interior Girder 5	50.55	0.95	1	1	3.521495
Overweight Permit_str	BOBJ1	241.81	After	Interior Girder 6	50.55	0.95	1	1	3.401455
Overweight Permit_str	BOBJ1	241.81	After	Right Exterior Girder	50.55	0.95	1	1	3.442992
Overweight Permit_str	BOBJ1	245.18	Before	Left Exterior Girder	53.92	0.95	1	1	3.502032
Overweight Permit_str	BOBJ1	245.18	Before	Interior Girder 1	53.92	0.95	1	1	4.109373
Overweight Permit_str	BOBJ1	245.18	Before	Interior Girder 2	53.92	0.95	1	1	4.486458
Overweight Permit_str	BOBJ1	245.18	Before	Interior Girder 3	53.92	0.95	1	1	4.242119
Overweight Permit_str	BOBJ1	245.18	Before	Interior Girder 4	53.92	0.95	1	1	4.242119
Overweight Permit_str	BOBJ1	245.18	Before	Interior Girder 5	53.92	0.95	1	1	4.486458
Overweight Permit_str	BOBJ1	245.18	Before	Interior Girder 6	53.92	0.95	1	1	4.109373
Overweight Permit_str	BOBJ1	245.18	Before	Right Exterior Girder	53.92	0.95	1	1	3.502032
Overweight Permit_str	BOBJ1	245.18	After	Left Exterior Girder	53.92	0.95	1	1	4.12647
Overweight Permit_str	BOBJ1	245.18	After	Interior Girder 1	53.92	0.95	1	1	4.367599
Overweight Permit_str	BOBJ1	245.18	After	Interior Girder 2	53.92	0.95	1	1	4.749626
Overweight Permit_str	BOBJ1	245.18	After	Interior Girder 3	53.92	0.95	1	1	4.417301
Overweight Permit_str	BOBJ1	245.18	After	Interior Girder 4	53.92	0.95	1	1	4.417301
Overweight Permit_str	BOBJ1	245.18	After	Interior Girder 5	53.92	0.95	1	1	4.749626
Overweight Permit_str	BOBJ1	245.18	After	Interior Girder 6	53.92	0.95	1	1	4.367599
Overweight Permit_str	BOBJ1	245.18	After	Right Exterior Girder	53.92	0.95	1	1	4.12647
Overweight Permit_str	BOBJ1	250.245	Before	Left Exterior Girder	58.985	0.95	1	1	2.130558
Overweight Permit_str	BOBJ1	250.245	Before	Interior Girder 1	58.985	0.95	1	1	2.752305
Overweight Permit_str	BOBJ1	250.245	Before	Interior Girder 2	58.985	0.95	1	1	3.19214
Overweight Permit_str	BOBJ1	250.245	Before	Interior Girder 3	58.985	0.95	1	1	2.985297
Overweight Permit_str	BOBJ1	250.245	Before	Interior Girder 4	58.985	0.95	1	1	2.985297
Overweight Permit_str	BOBJ1	250.245	Before	Interior Girder 5	58.985	0.95	1	1	3.19214
Overweight Permit_str	BOBJ1	250.245	Before	Interior Girder 6	58.985	0.95	1	1	2.752305
Overweight Permit_str	BOBJ1	250.245	Before	Right Exterior Girder	58.985	0.95	1	1	2.130558
Overweight Permit_str	BOBJ1	250.245	After	Left Exterior Girder	58.985	0.95	1	1	2.179488
Overweight Permit_str	BOBJ1	250.245	After	Interior Girder 1	58.985	0.95	1	1	2.70744
Overweight Permit_str	BOBJ1	250.245	After	Interior Girder 2	58.985	0.95	1	1	3.185626
Overweight Permit_str	BOBJ1	250.245	After	Interior Girder 3	58.985	0.95	1	1	3.008661
Overweight Permit_str	BOBJ1	250.245	After	Interior Girder 4	58.985	0.95	1	1	3.008661
Overweight Permit_str	BOBJ1	250.245	After	Interior Girder 5	58.985	0.95	1	1	3.185626
Overweight Permit_str	BOBJ1	250.245	After	Interior Girder 6	58.985	0.95	1	1	2.70744

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelINonCompStrgth-Flx - Approach, Span 7-11									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Overweight Permit_str	BOBJ1	250.245	After	Right Exterior Girder	58.985	0.95	1	1	2.179488
Overweight Permit_str	BOBJ1	251.68	Before	Left Exterior Girder	60.42	0.95	1	1	1.745118
Overweight Permit_str	BOBJ1	251.68	Before	Right Exterior Girder	60.42	0.95	1	1	1.745118
Overweight Permit_str	BOBJ1	251.68	After	Left Exterior Girder	60.42	0.95	1	1	3.173025
Overweight Permit_str	BOBJ1	251.68	After	Right Exterior Girder	60.42	0.95	1	1	3.173025
Overweight Permit_str	BOBJ1	254.18	Before	Interior Girder 1	62.92	0.95	1	1	1.763952
Overweight Permit_str	BOBJ1	254.18	Before	Interior Girder 2	62.92	0.95	1	1	2.170343
Overweight Permit_str	BOBJ1	254.18	Before	Interior Girder 3	62.92	0.95	1	1	1.926387
Overweight Permit_str	BOBJ1	254.18	Before	Interior Girder 4	62.92	0.95	1	1	1.926387
Overweight Permit_str	BOBJ1	254.18	Before	Interior Girder 5	62.92	0.95	1	1	2.170343
Overweight Permit_str	BOBJ1	254.18	Before	Interior Girder 6	62.92	0.95	1	1	1.763952
Overweight Permit_str	BOBJ1	254.18	After	Interior Girder 1	62.92	0.95	1	1	2.21233
Overweight Permit_str	BOBJ1	254.18	After	Interior Girder 2	62.92	0.95	1	1	2.673966
Overweight Permit_str	BOBJ1	254.18	After	Interior Girder 3	62.92	0.95	1	1	2.411499
Overweight Permit_str	BOBJ1	254.18	After	Interior Girder 4	62.92	0.95	1	1	2.411499
Overweight Permit_str	BOBJ1	254.18	After	Interior Girder 5	62.92	0.95	1	1	2.673966
Overweight Permit_str	BOBJ1	254.18	After	Interior Girder 6	62.92	0.95	1	1	2.21233
Overweight Permit_str	BOBJ1	258.68	Before	Left Exterior Girder	67.42	0.95	1	1	1.419342
Overweight Permit_str	BOBJ1	258.68	Before	Interior Girder 1	67.42	0.95	1	1	1.345187
Overweight Permit_str	BOBJ1	258.68	Before	Interior Girder 2	67.42	0.95	1	1	1.639459
Overweight Permit_str	BOBJ1	258.68	Before	Interior Girder 3	67.42	0.95	1	1	1.352688
Overweight Permit_str	BOBJ1	258.68	Before	Interior Girder 4	67.42	0.95	1	1	1.352688
Overweight Permit_str	BOBJ1	258.68	Before	Interior Girder 5	67.42	0.95	1	1	1.639459
Overweight Permit_str	BOBJ1	258.68	Before	Interior Girder 6	67.42	0.95	1	1	1.345187
Overweight Permit_str	BOBJ1	258.68	Before	Right Exterior Girder	67.42	0.95	1	1	1.419342
Overweight Permit_str	BOBJ1	258.68	After	Left Exterior Girder	0	0.95	1	1	1.357045
Overweight Permit_str	BOBJ1	258.68	After	Interior Girder 1	0	0.95	1	1	1.281746
Overweight Permit_str	BOBJ1	258.68	After	Interior Girder 2	0	0.95	1	1	1.583959
Overweight Permit_str	BOBJ1	258.68	After	Interior Girder 3	0	0.95	1	1	1.295699
Overweight Permit_str	BOBJ1	258.68	After	Interior Girder 4	0	0.95	1	1	1.295699
Overweight Permit_str	BOBJ1	258.68	After	Interior Girder 5	0	0.95	1	1	1.583959
Overweight Permit_str	BOBJ1	258.68	After	Interior Girder 6	0	0.95	1	1	1.281746
Overweight Permit_str	BOBJ1	258.68	After	Right Exterior Girder	0	0.95	1	1	1.357045
Overweight Permit_str	BOBJ1	263.18	Before	Interior Girder 1	4.5	0.95	1	1	2.132189
Overweight Permit_str	BOBJ1	263.18	Before	Interior Girder 2	4.5	0.95	1	1	2.537157
Overweight Permit_str	BOBJ1	263.18	Before	Interior Girder 3	4.5	0.95	1	1	2.321496
Overweight Permit_str	BOBJ1	263.18	Before	Interior Girder 4	4.5	0.95	1	1	2.321496
Overweight Permit_str	BOBJ1	263.18	Before	Interior Girder 5	4.5	0.95	1	1	2.537157
Overweight Permit_str	BOBJ1	263.18	Before	Interior Girder 6	4.5	0.95	1	1	2.132189
Overweight Permit_str	BOBJ1	263.18	After	Interior Girder 1	4.5	0.95	1	1	1.696598
Overweight Permit_str	BOBJ1	263.18	After	Interior Girder 2	4.5	0.95	1	1	2.054443
Overweight Permit_str	BOBJ1	263.18	After	Interior Girder 3	4.5	0.95	1	1	1.851067
Overweight Permit_str	BOBJ1	263.18	After	Interior Girder 4	4.5	0.95	1	1	1.851067
Overweight Permit_str	BOBJ1	263.18	After	Interior Girder 5	4.5	0.95	1	1	2.054443
Overweight Permit_str	BOBJ1	263.18	After	Interior Girder 6	4.5	0.95	1	1	1.696598
Overweight Permit_str	BOBJ1	265.68	Before	Left Exterior Girder	7	0.95	1	1	3.113757
Overweight Permit_str	BOBJ1	265.68	Before	Right Exterior Girder	7	0.95	1	1	3.113757
Overweight Permit_str	BOBJ1	265.68	After	Left Exterior Girder	7	0.95	1	1	1.717881
Overweight Permit_str	BOBJ1	265.68	After	Right Exterior Girder	7	0.95	1	1	1.717881
Overweight Permit_str	BOBJ1	268.08	Before	Left Exterior Girder	9.4	0.95	1	1	2.477623
Overweight Permit_str	BOBJ1	268.08	Before	Interior Girder 1	9.4	0.95	1	1	2.802321
Overweight Permit_str	BOBJ1	268.08	Before	Interior Girder 2	9.4	0.95	1	1	3.30864
Overweight Permit_str	BOBJ1	268.08	Before	Interior Girder 3	9.4	0.95	1	1	3.276582
Overweight Permit_str	BOBJ1	268.08	Before	Interior Girder 4	9.4	0.95	1	1	3.276582
Overweight Permit_str	BOBJ1	268.08	Before	Interior Girder 5	9.4	0.95	1	1	3.30864
Overweight Permit_str	BOBJ1	268.08	Before	Interior Girder 6	9.4	0.95	1	1	2.802321
Overweight Permit_str	BOBJ1	268.08	Before	Right Exterior Girder	9.4	0.95	1	1	2.477623
Overweight Permit_str	BOBJ1	268.08	After	Left Exterior Girder	9.4	0.95	1	1	2.36357
Overweight Permit_str	BOBJ1	268.08	After	Interior Girder 1	9.4	0.95	1	1	2.848931
Overweight Permit_str	BOBJ1	268.08	After	Interior Girder 2	9.4	0.95	1	1	3.275962
Overweight Permit_str	BOBJ1	268.08	After	Interior Girder 3	9.4	0.95	1	1	3.207746
Overweight Permit_str	BOBJ1	268.08	After	Interior Girder 4	9.4	0.95	1	1	3.207746
Overweight Permit_str	BOBJ1	268.08	After	Interior Girder 5	9.4	0.95	1	1	3.275962
Overweight Permit_str	BOBJ1	268.08	After	Interior Girder 6	9.4	0.95	1	1	2.848931
Overweight Permit_str	BOBJ1	268.08	After	Right Exterior Girder	9.4	0.95	1	1	2.36357

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelINonCompStrgth-Flx - Approach, Span 7-11									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Overweight Permit_str	BOBJ1	277.48	Before	Left Exterior Girder	18.8	0.95	1	1	2.717336
Overweight Permit_str	BOBJ1	277.48	Before	Interior Girder 1	18.8	0.95	1	1	2.772218
Overweight Permit_str	BOBJ1	277.48	Before	Interior Girder 2	18.8	0.95	1	1	2.923065
Overweight Permit_str	BOBJ1	277.48	Before	Interior Girder 3	18.8	0.95	1	1	2.812123
Overweight Permit_str	BOBJ1	277.48	Before	Interior Girder 4	18.8	0.95	1	1	2.812123
Overweight Permit_str	BOBJ1	277.48	Before	Interior Girder 5	18.8	0.95	1	1	2.923065
Overweight Permit_str	BOBJ1	277.48	Before	Interior Girder 6	18.8	0.95	1	1	2.772218
Overweight Permit_str	BOBJ1	277.48	Before	Right Exterior Girder	18.8	0.95	1	1	2.717336
Overweight Permit_str	BOBJ1	277.48	After	Left Exterior Girder	18.8	0.95	1	1	2.83347
Overweight Permit_str	BOBJ1	277.48	After	Interior Girder 1	18.8	0.95	1	1	2.713684
Overweight Permit_str	BOBJ1	277.48	After	Interior Girder 2	18.8	0.95	1	1	2.939453
Overweight Permit_str	BOBJ1	277.48	After	Interior Girder 3	18.8	0.95	1	1	2.862795
Overweight Permit_str	BOBJ1	277.48	After	Interior Girder 4	18.8	0.95	1	1	2.862795
Overweight Permit_str	BOBJ1	277.48	After	Interior Girder 5	18.8	0.95	1	1	2.939453
Overweight Permit_str	BOBJ1	277.48	After	Interior Girder 6	18.8	0.95	1	1	2.713684
Overweight Permit_str	BOBJ1	277.48	After	Right Exterior Girder	18.8	0.95	1	1	2.83347
Overweight Permit_str	BOBJ1	286.88	Before	Left Exterior Girder	28.2	0.95	1	1	1.829081
Overweight Permit_str	BOBJ1	286.88	Before	Interior Girder 1	28.2	0.95	1	1	1.738704
Overweight Permit_str	BOBJ1	286.88	Before	Interior Girder 2	28.2	0.95	1	1	1.897396
Overweight Permit_str	BOBJ1	286.88	Before	Interior Girder 3	28.2	0.95	1	1	1.789715
Overweight Permit_str	BOBJ1	286.88	Before	Interior Girder 4	28.2	0.95	1	1	1.789715
Overweight Permit_str	BOBJ1	286.88	Before	Interior Girder 5	28.2	0.95	1	1	1.897396
Overweight Permit_str	BOBJ1	286.88	Before	Interior Girder 6	28.2	0.95	1	1	1.738704
Overweight Permit_str	BOBJ1	286.88	Before	Right Exterior Girder	28.2	0.95	1	1	1.829081
Overweight Permit_str	BOBJ1	286.88	After	Left Exterior Girder	28.2	0.95	1	1	1.849199
Overweight Permit_str	BOBJ1	286.88	After	Interior Girder 1	28.2	0.95	1	1	1.731989
Overweight Permit_str	BOBJ1	286.88	After	Interior Girder 2	28.2	0.95	1	1	1.903024
Overweight Permit_str	BOBJ1	286.88	After	Interior Girder 3	28.2	0.95	1	1	1.802552
Overweight Permit_str	BOBJ1	286.88	After	Interior Girder 4	28.2	0.95	1	1	1.802552
Overweight Permit_str	BOBJ1	286.88	After	Interior Girder 5	28.2	0.95	1	1	1.903024
Overweight Permit_str	BOBJ1	286.88	After	Interior Girder 6	28.2	0.95	1	1	1.731989
Overweight Permit_str	BOBJ1	286.88	After	Right Exterior Girder	28.2	0.95	1	1	1.849199
Overweight Permit_str	BOBJ1	296.28	Before	Left Exterior Girder	37.6	0.95	1	1	1.747931
Overweight Permit_str	BOBJ1	296.28	Before	Interior Girder 1	37.6	0.95	1	1	1.80554
Overweight Permit_str	BOBJ1	296.28	Before	Interior Girder 2	37.6	0.95	1	1	2.005528
Overweight Permit_str	BOBJ1	296.28	Before	Interior Girder 3	37.6	0.95	1	1	1.971087
Overweight Permit_str	BOBJ1	296.28	Before	Interior Girder 4	37.6	0.95	1	1	1.971087
Overweight Permit_str	BOBJ1	296.28	Before	Interior Girder 5	37.6	0.95	1	1	2.005528
Overweight Permit_str	BOBJ1	296.28	Before	Interior Girder 6	37.6	0.95	1	1	1.80554
Overweight Permit_str	BOBJ1	296.28	Before	Right Exterior Girder	37.6	0.95	1	1	1.747931
Overweight Permit_str	BOBJ1	296.28	After	Left Exterior Girder	37.6	0.95	1	1	1.709508
Overweight Permit_str	BOBJ1	296.28	After	Interior Girder 1	37.6	0.95	1	1	1.82695
Overweight Permit_str	BOBJ1	296.28	After	Interior Girder 2	37.6	0.95	1	1	1.997588
Overweight Permit_str	BOBJ1	296.28	After	Interior Girder 3	37.6	0.95	1	1	1.953807
Overweight Permit_str	BOBJ1	296.28	After	Interior Girder 4	37.6	0.95	1	1	1.953807
Overweight Permit_str	BOBJ1	296.28	After	Interior Girder 5	37.6	0.95	1	1	1.997588
Overweight Permit_str	BOBJ1	296.28	After	Interior Girder 6	37.6	0.95	1	1	1.82695
Overweight Permit_str	BOBJ1	296.28	After	Right Exterior Girder	37.6	0.95	1	1	1.709508
Overweight Permit_str	BOBJ1	305.69	Before	Left Exterior Girder	47.01	0.95	1	1	3.005451
Overweight Permit_str	BOBJ1	305.69	Before	Interior Girder 1	47.01	0.95	1	1	2.477197
Overweight Permit_str	BOBJ1	305.69	Before	Interior Girder 2	47.01	0.95	1	1	2.644449
Overweight Permit_str	BOBJ1	305.69	Before	Interior Girder 3	47.01	0.95	1	1	2.429275
Overweight Permit_str	BOBJ1	305.69	Before	Interior Girder 4	47.01	0.95	1	1	2.429275
Overweight Permit_str	BOBJ1	305.69	Before	Interior Girder 5	47.01	0.95	1	1	2.644449
Overweight Permit_str	BOBJ1	305.69	Before	Interior Girder 6	47.01	0.95	1	1	2.477197
Overweight Permit_str	BOBJ1	305.69	Before	Right Exterior Girder	47.01	0.95	1	1	3.005451
Overweight Permit_str	BOBJ1	305.69	After	Left Exterior Girder	47.01	0.95	1	1	2.896298
Overweight Permit_str	BOBJ1	305.69	After	Interior Girder 1	47.01	0.95	1	1	2.492688
Overweight Permit_str	BOBJ1	305.69	After	Interior Girder 2	47.01	0.95	1	1	2.567114
Overweight Permit_str	BOBJ1	305.69	After	Interior Girder 3	47.01	0.95	1	1	2.338413
Overweight Permit_str	BOBJ1	305.69	After	Interior Girder 4	47.01	0.95	1	1	2.338413
Overweight Permit_str	BOBJ1	305.69	After	Interior Girder 5	47.01	0.95	1	1	2.567114
Overweight Permit_str	BOBJ1	305.69	After	Interior Girder 6	47.01	0.95	1	1	2.492688
Overweight Permit_str	BOBJ1	305.69	After	Right Exterior Girder	47.01	0.95	1	1	2.896298
Overweight Permit_str	BOBJ1	315.1	Before	Left Exterior Girder	56.42	0.95	1	1	215.070623

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelINonCompStrgth-Flx - Approach, Span 7-11

Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Overweight Permit_str	BOBJ1	315.1	Before	Interior Girder 1	56.42	0.95	1	1	266.59259
Overweight Permit_str	BOBJ1	315.1	Before	Interior Girder 2	56.42	0.95	1	1	184.937148
Overweight Permit_str	BOBJ1	315.1	Before	Interior Girder 3	56.42	0.95	1	1	143.135273
Overweight Permit_str	BOBJ1	315.1	Before	Interior Girder 4	56.42	0.95	1	1	143.135272
Overweight Permit_str	BOBJ1	315.1	Before	Interior Girder 5	56.42	0.95	1	1	184.937148
Overweight Permit_str	BOBJ1	315.1	Before	Interior Girder 6	56.42	0.95	1	1	266.592589
Overweight Permit_str	BOBJ1	315.1	Before	Right Exterior Girder	56.42	0.95	1	1	215.070624

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Approach, Span 7-11									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
HL93_str_opr	BOBJ1	0	After	Left Exterior Girder	0	0.95	1	1	9.348335
HL93_str_opr	BOBJ1	0	After	Interior Girder 1	0	0.95	1	1	6.377316
HL93_str_opr	BOBJ1	0	After	Interior Girder 2	0	0.95	1	1	5.931308
HL93_str_opr	BOBJ1	0	After	Interior Girder 3	0	0.95	1	1	5.551739
HL93_str_opr	BOBJ1	0	After	Interior Girder 4	0	0.95	1	1	5.551739
HL93_str_opr	BOBJ1	0	After	Interior Girder 5	0	0.95	1	1	5.931308
HL93_str_opr	BOBJ1	0	After	Interior Girder 6	0	0.95	1	1	6.377316
HL93_str_opr	BOBJ1	0	After	Right Exterior Girder	0	0.95	1	1	9.348335
HL93_str_opr	BOBJ1	9.4	Before	Left Exterior Girder	9.4	0.95	1	1	9.519478
HL93_str_opr	BOBJ1	9.4	Before	Interior Girder 1	9.4	0.95	1	1	6.544686
HL93_str_opr	BOBJ1	9.4	Before	Interior Girder 2	9.4	0.95	1	1	6.08635
HL93_str_opr	BOBJ1	9.4	Before	Interior Girder 3	9.4	0.95	1	1	5.697324
HL93_str_opr	BOBJ1	9.4	Before	Interior Girder 4	9.4	0.95	1	1	5.697324
HL93_str_opr	BOBJ1	9.4	Before	Interior Girder 5	9.4	0.95	1	1	6.08635
HL93_str_opr	BOBJ1	9.4	Before	Interior Girder 6	9.4	0.95	1	1	6.544686
HL93_str_opr	BOBJ1	9.4	Before	Right Exterior Girder	9.4	0.95	1	1	9.519478
HL93_str_opr	BOBJ1	9.4	After	Left Exterior Girder	9.4	0.95	1	1	12.40181
HL93_str_opr	BOBJ1	9.4	After	Interior Girder 1	9.4	0.95	1	1	10.820224
HL93_str_opr	BOBJ1	9.4	After	Interior Girder 2	9.4	0.95	1	1	9.714367
HL93_str_opr	BOBJ1	9.4	After	Interior Girder 3	9.4	0.95	1	1	9.522846
HL93_str_opr	BOBJ1	9.4	After	Interior Girder 4	9.4	0.95	1	1	9.522846
HL93_str_opr	BOBJ1	9.4	After	Interior Girder 5	9.4	0.95	1	1	9.714367
HL93_str_opr	BOBJ1	9.4	After	Interior Girder 6	9.4	0.95	1	1	10.820224
HL93_str_opr	BOBJ1	9.4	After	Right Exterior Girder	9.4	0.95	1	1	12.40181
HL93_str_opr	BOBJ1	18.8	Before	Left Exterior Girder	18.8	0.95	1	1	12.617295
HL93_str_opr	BOBJ1	18.8	Before	Interior Girder 1	18.8	0.95	1	1	11.095034
HL93_str_opr	BOBJ1	18.8	Before	Interior Girder 2	18.8	0.95	1	1	9.959574
HL93_str_opr	BOBJ1	18.8	Before	Interior Girder 3	18.8	0.95	1	1	9.763684
HL93_str_opr	BOBJ1	18.8	Before	Interior Girder 4	18.8	0.95	1	1	9.763684
HL93_str_opr	BOBJ1	18.8	Before	Interior Girder 5	18.8	0.95	1	1	9.959574
HL93_str_opr	BOBJ1	18.8	Before	Interior Girder 6	18.8	0.95	1	1	11.095034
HL93_str_opr	BOBJ1	18.8	Before	Right Exterior Girder	18.8	0.95	1	1	12.617295
HL93_str_opr	BOBJ1	18.8	After	Left Exterior Girder	18.8	0.95	1	1	25.359767
HL93_str_opr	BOBJ1	18.8	After	Interior Girder 1	18.8	0.95	1	1	12.488875
HL93_str_opr	BOBJ1	18.8	After	Interior Girder 2	18.8	0.95	1	1	11.272702
HL93_str_opr	BOBJ1	18.8	After	Interior Girder 3	18.8	0.95	1	1	9.717175
HL93_str_opr	BOBJ1	18.8	After	Interior Girder 4	18.8	0.95	1	1	9.717175
HL93_str_opr	BOBJ1	18.8	After	Interior Girder 5	18.8	0.95	1	1	11.272702
HL93_str_opr	BOBJ1	18.8	After	Interior Girder 6	18.8	0.95	1	1	12.488875
HL93_str_opr	BOBJ1	18.8	After	Right Exterior Girder	18.8	0.95	1	1	25.359767
HL93_str_opr	BOBJ1	28.2	Before	Left Exterior Girder	28.2	0.95	1	1	24.935899
HL93_str_opr	BOBJ1	28.2	Before	Interior Girder 1	28.2	0.95	1	1	12.792291
HL93_str_opr	BOBJ1	28.2	Before	Interior Girder 2	28.2	0.95	1	1	11.547644
HL93_str_opr	BOBJ1	28.2	Before	Interior Girder 3	28.2	0.95	1	1	9.954417
HL93_str_opr	BOBJ1	28.2	Before	Interior Girder 4	28.2	0.95	1	1	9.954417
HL93_str_opr	BOBJ1	28.2	Before	Interior Girder 5	28.2	0.95	1	1	11.547644
HL93_str_opr	BOBJ1	28.2	Before	Interior Girder 6	28.2	0.95	1	1	12.792291
HL93_str_opr	BOBJ1	28.2	Before	Right Exterior Girder	28.2	0.95	1	1	24.935899
HL93_str_opr	BOBJ1	28.2	After	Left Exterior Girder	28.2	0.95	1	1	15.641825
HL93_str_opr	BOBJ1	28.2	After	Interior Girder 1	28.2	0.95	1	1	8.762143
HL93_str_opr	BOBJ1	28.2	After	Interior Girder 2	28.2	0.95	1	1	8.149874
HL93_str_opr	BOBJ1	28.2	After	Interior Girder 3	28.2	0.95	1	1	7.180516
HL93_str_opr	BOBJ1	28.2	After	Interior Girder 4	28.2	0.95	1	1	7.180516
HL93_str_opr	BOBJ1	28.2	After	Interior Girder 5	28.2	0.95	1	1	8.149874
HL93_str_opr	BOBJ1	28.2	After	Interior Girder 6	28.2	0.95	1	1	8.762143
HL93_str_opr	BOBJ1	28.2	After	Right Exterior Girder	28.2	0.95	1	1	15.641825
HL93_str_opr	BOBJ1	37.6	Before	Left Exterior Girder	37.6	0.95	1	1	15.36709
HL93_str_opr	BOBJ1	37.6	Before	Interior Girder 1	37.6	0.95	1	1	8.542453
HL93_str_opr	BOBJ1	37.6	Before	Interior Girder 2	37.6	0.95	1	1	7.945845
HL93_str_opr	BOBJ1	37.6	Before	Interior Girder 3	37.6	0.95	1	1	7.000988
HL93_str_opr	BOBJ1	37.6	Before	Interior Girder 4	37.6	0.95	1	1	7.000988
HL93_str_opr	BOBJ1	37.6	Before	Interior Girder 5	37.6	0.95	1	1	7.945845
HL93_str_opr	BOBJ1	37.6	Before	Interior Girder 6	37.6	0.95	1	1	8.542453
HL93_str_opr	BOBJ1	37.6	Before	Right Exterior Girder	37.6	0.95	1	1	15.36709
HL93_str_opr	BOBJ1	37.6	After	Left Exterior Girder	37.6	0.95	1	1	8.244999

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Approach, Span 7-11									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
HL93_str_opr	BOBJ1	37.6	After	Interior Girder 1	37.6	0.95	1	1	7.296918
HL93_str_opr	BOBJ1	37.6	After	Interior Girder 2	37.6	0.95	1	1	6.586917
HL93_str_opr	BOBJ1	37.6	After	Interior Girder 3	37.6	0.95	1	1	6.095246
HL93_str_opr	BOBJ1	37.6	After	Interior Girder 4	37.6	0.95	1	1	6.095246
HL93_str_opr	BOBJ1	37.6	After	Interior Girder 5	37.6	0.95	1	1	6.586917
HL93_str_opr	BOBJ1	37.6	After	Interior Girder 6	37.6	0.95	1	1	7.296918
HL93_str_opr	BOBJ1	37.6	After	Right Exterior Girder	37.6	0.95	1	1	8.244999
HL93_str_opr	BOBJ1	47.01	Before	Left Exterior Girder	47.01	0.95	1	1	8.092316
HL93_str_opr	BOBJ1	47.01	Before	Interior Girder 1	47.01	0.95	1	1	7.106765
HL93_str_opr	BOBJ1	47.01	Before	Interior Girder 2	47.01	0.95	1	1	6.417007
HL93_str_opr	BOBJ1	47.01	Before	Interior Girder 3	47.01	0.95	1	1	5.935978
HL93_str_opr	BOBJ1	47.01	Before	Interior Girder 4	47.01	0.95	1	1	5.935978
HL93_str_opr	BOBJ1	47.01	Before	Interior Girder 5	47.01	0.95	1	1	6.417007
HL93_str_opr	BOBJ1	47.01	Before	Interior Girder 6	47.01	0.95	1	1	7.106765
HL93_str_opr	BOBJ1	47.01	Before	Right Exterior Girder	47.01	0.95	1	1	8.092316
HL93_str_opr	BOBJ1	47.01	After	Left Exterior Girder	47.01	0.95	1	1	6.562886
HL93_str_opr	BOBJ1	47.01	After	Interior Girder 1	47.01	0.95	1	1	5.09523
HL93_str_opr	BOBJ1	47.01	After	Interior Girder 2	47.01	0.95	1	1	4.56634
HL93_str_opr	BOBJ1	47.01	After	Interior Girder 3	47.01	0.95	1	1	3.924617
HL93_str_opr	BOBJ1	47.01	After	Interior Girder 4	47.01	0.95	1	1	3.924617
HL93_str_opr	BOBJ1	47.01	After	Interior Girder 5	47.01	0.95	1	1	4.56634
HL93_str_opr	BOBJ1	47.01	After	Interior Girder 6	47.01	0.95	1	1	5.09523
HL93_str_opr	BOBJ1	47.01	After	Right Exterior Girder	47.01	0.95	1	1	6.562886
HL93_str_opr	BOBJ1	49.42	Before	Left Exterior Girder	49.42	0.95	1	1	6.529936
HL93_str_opr	BOBJ1	49.42	Before	Right Exterior Girder	49.42	0.95	1	1	6.529936
HL93_str_opr	BOBJ1	49.42	After	Left Exterior Girder	49.42	0.95	1	1	5.782914
HL93_str_opr	BOBJ1	49.42	After	Right Exterior Girder	49.42	0.95	1	1	5.782914
HL93_str_opr	BOBJ1	51.92	Before	Interior Girder 1	51.92	0.95	1	1	4.711029
HL93_str_opr	BOBJ1	51.92	Before	Interior Girder 2	51.92	0.95	1	1	4.502906
HL93_str_opr	BOBJ1	51.92	Before	Interior Girder 3	51.92	0.95	1	1	3.869136
HL93_str_opr	BOBJ1	51.92	Before	Interior Girder 4	51.92	0.95	1	1	3.869136
HL93_str_opr	BOBJ1	51.92	Before	Interior Girder 5	51.92	0.95	1	1	4.502906
HL93_str_opr	BOBJ1	51.92	Before	Interior Girder 6	51.92	0.95	1	1	4.711029
HL93_str_opr	BOBJ1	51.92	After	Interior Girder 1	51.92	0.95	1	1	4.101377
HL93_str_opr	BOBJ1	51.92	After	Interior Girder 2	51.92	0.95	1	1	3.881561
HL93_str_opr	BOBJ1	51.92	After	Interior Girder 3	51.92	0.95	1	1	3.159035
HL93_str_opr	BOBJ1	51.92	After	Interior Girder 4	51.92	0.95	1	1	3.159035
HL93_str_opr	BOBJ1	51.92	After	Interior Girder 5	51.92	0.95	1	1	3.881561
HL93_str_opr	BOBJ1	51.92	After	Interior Girder 6	51.92	0.95	1	1	4.101377
HL93_str_opr	BOBJ1	56.42	Before	Left Exterior Girder	56.42	0.95	1	1	6.790181
HL93_str_opr	BOBJ1	56.42	Before	Interior Girder 1	56.42	0.95	1	1	4.046511
HL93_str_opr	BOBJ1	56.42	Before	Interior Girder 2	56.42	0.95	1	1	3.830139
HL93_str_opr	BOBJ1	56.42	Before	Interior Girder 3	56.42	0.95	1	1	3.116227
HL93_str_opr	BOBJ1	56.42	Before	Interior Girder 4	56.42	0.95	1	1	3.116227
HL93_str_opr	BOBJ1	56.42	Before	Interior Girder 5	56.42	0.95	1	1	3.830139
HL93_str_opr	BOBJ1	56.42	Before	Interior Girder 6	56.42	0.95	1	1	4.046511
HL93_str_opr	BOBJ1	56.42	Before	Right Exterior Girder	56.42	0.95	1	1	6.790181
HL93_str_opr	BOBJ1	56.42	After	Left Exterior Girder	0	0.95	1	1	6.398974
HL93_str_opr	BOBJ1	56.42	After	Interior Girder 1	0	0.95	1	1	4.07434
HL93_str_opr	BOBJ1	56.42	After	Interior Girder 2	0	0.95	1	1	3.868214
HL93_str_opr	BOBJ1	56.42	After	Interior Girder 3	0	0.95	1	1	3.157568
HL93_str_opr	BOBJ1	56.42	After	Interior Girder 4	0	0.95	1	1	3.157568
HL93_str_opr	BOBJ1	56.42	After	Interior Girder 5	0	0.95	1	1	3.868214
HL93_str_opr	BOBJ1	56.42	After	Interior Girder 6	0	0.95	1	1	4.07434
HL93_str_opr	BOBJ1	56.42	After	Right Exterior Girder	0	0.95	1	1	6.398974
HL93_str_opr	BOBJ1	60.92	Before	Interior Girder 1	4.5	0.95	1	1	4.129231
HL93_str_opr	BOBJ1	60.92	Before	Interior Girder 2	4.5	0.95	1	1	3.919811
HL93_str_opr	BOBJ1	60.92	Before	Interior Girder 3	4.5	0.95	1	1	3.200752
HL93_str_opr	BOBJ1	60.92	Before	Interior Girder 4	4.5	0.95	1	1	3.200752
HL93_str_opr	BOBJ1	60.92	Before	Interior Girder 5	4.5	0.95	1	1	3.919811
HL93_str_opr	BOBJ1	60.92	Before	Interior Girder 6	4.5	0.95	1	1	4.129231
HL93_str_opr	BOBJ1	60.92	After	Interior Girder 1	4.5	0.95	1	1	4.580519
HL93_str_opr	BOBJ1	60.92	After	Interior Girder 2	4.5	0.95	1	1	4.414258
HL93_str_opr	BOBJ1	60.92	After	Interior Girder 3	4.5	0.95	1	1	3.791473
HL93_str_opr	BOBJ1	60.92	After	Interior Girder 4	4.5	0.95	1	1	3.791473

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Approach, Span 7-11									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
HL93_str_opr	BOBJ1	60.92	After	Interior Girder 5	4.5	0.95	1	1	4.414258
HL93_str_opr	BOBJ1	60.92	After	Interior Girder 6	4.5	0.95	1	1	4.580519
HL93_str_opr	BOBJ1	63.42	Before	Left Exterior Girder	7	0.95	1	1	5.31368
HL93_str_opr	BOBJ1	63.42	Before	Right Exterior Girder	7	0.95	1	1	5.31368
HL93_str_opr	BOBJ1	63.42	After	Left Exterior Girder	7	0.95	1	1	5.78395
HL93_str_opr	BOBJ1	63.42	After	Right Exterior Girder	7	0.95	1	1	5.78395
HL93_str_opr	BOBJ1	64.845	Before	Left Exterior Girder	8.425	0.95	1	1	5.801169
HL93_str_opr	BOBJ1	64.845	Before	Interior Girder 1	8.425	0.95	1	1	5.086292
HL93_str_opr	BOBJ1	64.845	Before	Interior Girder 2	8.425	0.95	1	1	4.463666
HL93_str_opr	BOBJ1	64.845	Before	Interior Girder 3	8.425	0.95	1	1	3.834777
HL93_str_opr	BOBJ1	64.845	Before	Interior Girder 4	8.425	0.95	1	1	3.834777
HL93_str_opr	BOBJ1	64.845	Before	Interior Girder 5	8.425	0.95	1	1	4.463666
HL93_str_opr	BOBJ1	64.845	Before	Interior Girder 6	8.425	0.95	1	1	5.086292
HL93_str_opr	BOBJ1	64.845	Before	Right Exterior Girder	8.425	0.95	1	1	5.801169
HL93_str_opr	BOBJ1	64.845	After	Left Exterior Girder	8.425	0.95	1	1	6.991181
HL93_str_opr	BOBJ1	64.845	After	Interior Girder 1	8.425	0.95	1	1	5.727002
HL93_str_opr	BOBJ1	64.845	After	Interior Girder 2	8.425	0.95	1	1	5.319206
HL93_str_opr	BOBJ1	64.845	After	Interior Girder 3	8.425	0.95	1	1	4.775125
HL93_str_opr	BOBJ1	64.845	After	Interior Girder 4	8.425	0.95	1	1	4.775125
HL93_str_opr	BOBJ1	64.845	After	Interior Girder 5	8.425	0.95	1	1	5.319206
HL93_str_opr	BOBJ1	64.845	After	Interior Girder 6	8.425	0.95	1	1	5.727002
HL93_str_opr	BOBJ1	64.845	After	Right Exterior Girder	8.425	0.95	1	1	6.991181
HL93_str_opr	BOBJ1	69.92	Before	Left Exterior Girder	13.5	0.95	1	1	7.062796
HL93_str_opr	BOBJ1	69.92	Before	Interior Girder 1	13.5	0.95	1	1	5.809526
HL93_str_opr	BOBJ1	69.92	Before	Interior Girder 2	13.5	0.95	1	1	5.395081
HL93_str_opr	BOBJ1	69.92	Before	Interior Girder 3	13.5	0.95	1	1	4.844415
HL93_str_opr	BOBJ1	69.92	Before	Interior Girder 4	13.5	0.95	1	1	4.844415
HL93_str_opr	BOBJ1	69.92	Before	Interior Girder 5	13.5	0.95	1	1	5.395081
HL93_str_opr	BOBJ1	69.92	Before	Interior Girder 6	13.5	0.95	1	1	5.809526
HL93_str_opr	BOBJ1	69.92	Before	Right Exterior Girder	13.5	0.95	1	1	7.062796
HL93_str_opr	BOBJ1	69.92	After	Left Exterior Girder	13.5	0.95	1	1	6.710954
HL93_str_opr	BOBJ1	69.92	After	Interior Girder 1	13.5	0.95	1	1	6.310718
HL93_str_opr	BOBJ1	69.92	After	Interior Girder 2	13.5	0.95	1	1	5.795918
HL93_str_opr	BOBJ1	69.92	After	Interior Girder 3	13.5	0.95	1	1	5.306967
HL93_str_opr	BOBJ1	69.92	After	Interior Girder 4	13.5	0.95	1	1	5.306967
HL93_str_opr	BOBJ1	69.92	After	Interior Girder 5	13.5	0.95	1	1	5.795918
HL93_str_opr	BOBJ1	69.92	After	Interior Girder 6	13.5	0.95	1	1	6.310718
HL93_str_opr	BOBJ1	69.92	After	Right Exterior Girder	13.5	0.95	1	1	6.710954
HL93_str_opr	BOBJ1	73.27	Before	Left Exterior Girder	16.85	0.95	1	1	6.75913
HL93_str_opr	BOBJ1	73.27	Before	Interior Girder 1	16.85	0.95	1	1	6.37191
HL93_str_opr	BOBJ1	73.27	Before	Interior Girder 2	16.85	0.95	1	1	5.851512
HL93_str_opr	BOBJ1	73.27	Before	Interior Girder 3	16.85	0.95	1	1	5.3587
HL93_str_opr	BOBJ1	73.27	Before	Interior Girder 4	16.85	0.95	1	1	5.3587
HL93_str_opr	BOBJ1	73.27	Before	Interior Girder 5	16.85	0.95	1	1	5.851512
HL93_str_opr	BOBJ1	73.27	Before	Interior Girder 6	16.85	0.95	1	1	6.37191
HL93_str_opr	BOBJ1	73.27	Before	Right Exterior Girder	16.85	0.95	1	1	6.75913
HL93_str_opr	BOBJ1	73.27	After	Left Exterior Girder	16.85	0.95	1	1	10.677338
HL93_str_opr	BOBJ1	73.27	After	Interior Girder 1	16.85	0.95	1	1	7.077514
HL93_str_opr	BOBJ1	73.27	After	Interior Girder 2	16.85	0.95	1	1	6.681719
HL93_str_opr	BOBJ1	73.27	After	Interior Girder 3	16.85	0.95	1	1	6.116651
HL93_str_opr	BOBJ1	73.27	After	Interior Girder 4	16.85	0.95	1	1	6.116651
HL93_str_opr	BOBJ1	73.27	After	Interior Girder 5	16.85	0.95	1	1	6.681719
HL93_str_opr	BOBJ1	73.27	After	Interior Girder 6	16.85	0.95	1	1	7.077514
HL93_str_opr	BOBJ1	73.27	After	Right Exterior Girder	16.85	0.95	1	1	10.677338
HL93_str_opr	BOBJ1	81.695	Before	Left Exterior Girder	25.275	0.95	1	1	10.863655
HL93_str_opr	BOBJ1	81.695	Before	Interior Girder 1	25.275	0.95	1	1	7.247248
HL93_str_opr	BOBJ1	81.695	Before	Interior Girder 2	25.275	0.95	1	1	6.841561
HL93_str_opr	BOBJ1	81.695	Before	Interior Girder 3	25.275	0.95	1	1	6.262874
HL93_str_opr	BOBJ1	81.695	Before	Interior Girder 4	25.275	0.95	1	1	6.262874
HL93_str_opr	BOBJ1	81.695	Before	Interior Girder 5	25.275	0.95	1	1	6.841561
HL93_str_opr	BOBJ1	81.695	Before	Interior Girder 6	25.275	0.95	1	1	7.247248
HL93_str_opr	BOBJ1	81.695	Before	Right Exterior Girder	25.275	0.95	1	1	10.863655
HL93_str_opr	BOBJ1	81.695	After	Left Exterior Girder	25.275	0.95	1	1	13.890362
HL93_str_opr	BOBJ1	81.695	After	Interior Girder 1	25.275	0.95	1	1	11.267
HL93_str_opr	BOBJ1	81.695	After	Interior Girder 2	25.275	0.95	1	1	10.272863

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Approach, Span 7-11									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
HL93_str_opr	BOBJ1	81.695	After	Interior Girder 3	25.275	0.95	1	1	9.923564
HL93_str_opr	BOBJ1	81.695	After	Interior Girder 4	25.275	0.95	1	1	9.923564
HL93_str_opr	BOBJ1	81.695	After	Interior Girder 5	25.275	0.95	1	1	10.272863
HL93_str_opr	BOBJ1	81.695	After	Interior Girder 6	25.275	0.95	1	1	11.267
HL93_str_opr	BOBJ1	81.695	After	Right Exterior Girder	25.275	0.95	1	1	13.890362
HL93_str_opr	BOBJ1	90.12	Before	Left Exterior Girder	33.7	0.95	1	1	14.120798
HL93_str_opr	BOBJ1	90.12	Before	Interior Girder 1	33.7	0.95	1	1	11.529087
HL93_str_opr	BOBJ1	90.12	Before	Interior Girder 2	33.7	0.95	1	1	10.510699
HL93_str_opr	BOBJ1	90.12	Before	Interior Girder 3	33.7	0.95	1	1	9.70613
HL93_str_opr	BOBJ1	90.12	Before	Interior Girder 4	33.7	0.95	1	1	9.70613
HL93_str_opr	BOBJ1	90.12	Before	Interior Girder 5	33.7	0.95	1	1	10.510699
HL93_str_opr	BOBJ1	90.12	Before	Interior Girder 6	33.7	0.95	1	1	11.529087
HL93_str_opr	BOBJ1	90.12	Before	Right Exterior Girder	33.7	0.95	1	1	14.120798
HL93_str_opr	BOBJ1	90.12	After	Left Exterior Girder	33.7	0.95	1	1	14.77709
HL93_str_opr	BOBJ1	90.12	After	Interior Girder 1	33.7	0.95	1	1	11.772199
HL93_str_opr	BOBJ1	90.12	After	Interior Girder 2	33.7	0.95	1	1	10.66749
HL93_str_opr	BOBJ1	90.12	After	Interior Girder 3	33.7	0.95	1	1	9.579686
HL93_str_opr	BOBJ1	90.12	After	Interior Girder 4	33.7	0.95	1	1	9.579686
HL93_str_opr	BOBJ1	90.12	After	Interior Girder 5	33.7	0.95	1	1	10.66749
HL93_str_opr	BOBJ1	90.12	After	Interior Girder 6	33.7	0.95	1	1	11.772199
HL93_str_opr	BOBJ1	90.12	After	Right Exterior Girder	33.7	0.95	1	1	14.77709
HL93_str_opr	BOBJ1	98.545	Before	Left Exterior Girder	42.125	0.95	1	1	14.536693
HL93_str_opr	BOBJ1	98.545	Before	Interior Girder 1	42.125	0.95	1	1	11.50496
HL93_str_opr	BOBJ1	98.545	Before	Interior Girder 2	42.125	0.95	1	1	10.426284
HL93_str_opr	BOBJ1	98.545	Before	Interior Girder 3	42.125	0.95	1	1	9.794431
HL93_str_opr	BOBJ1	98.545	Before	Interior Girder 4	42.125	0.95	1	1	9.794431
HL93_str_opr	BOBJ1	98.545	Before	Interior Girder 5	42.125	0.95	1	1	10.426284
HL93_str_opr	BOBJ1	98.545	Before	Interior Girder 6	42.125	0.95	1	1	11.50496
HL93_str_opr	BOBJ1	98.545	Before	Right Exterior Girder	42.125	0.95	1	1	14.536693
HL93_str_opr	BOBJ1	98.545	After	Left Exterior Girder	42.125	0.95	1	1	11.31747
HL93_str_opr	BOBJ1	98.545	After	Interior Girder 1	42.125	0.95	1	1	7.366646
HL93_str_opr	BOBJ1	98.545	After	Interior Girder 2	42.125	0.95	1	1	6.924472
HL93_str_opr	BOBJ1	98.545	After	Interior Girder 3	42.125	0.95	1	1	6.314764
HL93_str_opr	BOBJ1	98.545	After	Interior Girder 4	42.125	0.95	1	1	6.314764
HL93_str_opr	BOBJ1	98.545	After	Interior Girder 5	42.125	0.95	1	1	6.924472
HL93_str_opr	BOBJ1	98.545	After	Interior Girder 6	42.125	0.95	1	1	7.366646
HL93_str_opr	BOBJ1	98.545	After	Right Exterior Girder	42.125	0.95	1	1	11.31747
HL93_str_opr	BOBJ1	106.97	Before	Left Exterior Girder	50.55	0.95	1	1	11.124018
HL93_str_opr	BOBJ1	106.97	Before	Interior Girder 1	50.55	0.95	1	1	7.194348
HL93_str_opr	BOBJ1	106.97	Before	Interior Girder 2	50.55	0.95	1	1	6.762811
HL93_str_opr	BOBJ1	106.97	Before	Interior Girder 3	50.55	0.95	1	1	6.167438
HL93_str_opr	BOBJ1	106.97	Before	Interior Girder 4	50.55	0.95	1	1	6.167438
HL93_str_opr	BOBJ1	106.97	Before	Interior Girder 5	50.55	0.95	1	1	6.762811
HL93_str_opr	BOBJ1	106.97	Before	Interior Girder 6	50.55	0.95	1	1	7.194348
HL93_str_opr	BOBJ1	106.97	Before	Right Exterior Girder	50.55	0.95	1	1	11.124018
HL93_str_opr	BOBJ1	106.97	After	Left Exterior Girder	50.55	0.95	1	1	6.769461
HL93_str_opr	BOBJ1	106.97	After	Interior Girder 1	50.55	0.95	1	1	6.406813
HL93_str_opr	BOBJ1	106.97	After	Interior Girder 2	50.55	0.95	1	1	5.924656
HL93_str_opr	BOBJ1	106.97	After	Interior Girder 3	50.55	0.95	1	1	5.443117
HL93_str_opr	BOBJ1	106.97	After	Interior Girder 4	50.55	0.95	1	1	5.443117
HL93_str_opr	BOBJ1	106.97	After	Interior Girder 5	50.55	0.95	1	1	5.924656
HL93_str_opr	BOBJ1	106.97	After	Interior Girder 6	50.55	0.95	1	1	6.406813
HL93_str_opr	BOBJ1	106.97	After	Right Exterior Girder	50.55	0.95	1	1	6.769461
HL93_str_opr	BOBJ1	115.405	Before	Left Exterior Girder	58.985	0.95	1	1	6.647323
HL93_str_opr	BOBJ1	115.405	Before	Interior Girder 1	58.985	0.95	1	1	6.251464
HL93_str_opr	BOBJ1	115.405	Before	Interior Girder 2	58.985	0.95	1	1	5.782631
HL93_str_opr	BOBJ1	115.405	Before	Interior Girder 3	58.985	0.95	1	1	5.310564
HL93_str_opr	BOBJ1	115.405	Before	Interior Girder 4	58.985	0.95	1	1	5.310564
HL93_str_opr	BOBJ1	115.405	Before	Interior Girder 5	58.985	0.95	1	1	5.782631
HL93_str_opr	BOBJ1	115.405	Before	Interior Girder 6	58.985	0.95	1	1	6.251464
HL93_str_opr	BOBJ1	115.405	Before	Right Exterior Girder	58.985	0.95	1	1	6.647323
HL93_str_opr	BOBJ1	115.405	After	Left Exterior Girder	58.985	0.95	1	1	4.367151
HL93_str_opr	BOBJ1	115.405	After	Interior Girder 1	58.985	0.95	1	1	5.643469
HL93_str_opr	BOBJ1	115.405	After	Interior Girder 2	58.985	0.95	1	1	4.289855
HL93_str_opr	BOBJ1	115.405	After	Interior Girder 3	58.985	0.95	1	1	3.675062

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Approach, Span 7-11									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
HL93_str_opr	BOBJ1	115.405	After	Interior Girder 4	58.985	0.95	1	1	3.675062
HL93_str_opr	BOBJ1	115.405	After	Interior Girder 5	58.985	0.95	1	1	4.289855
HL93_str_opr	BOBJ1	115.405	After	Interior Girder 6	58.985	0.95	1	1	5.643469
HL93_str_opr	BOBJ1	115.405	After	Right Exterior Girder	58.985	0.95	1	1	4.367151
HL93_str_opr	BOBJ1	116.34	Before	Left Exterior Girder	59.92	0.95	1	1	4.357577
HL93_str_opr	BOBJ1	116.34	Before	Right Exterior Girder	59.92	0.95	1	1	4.357577
HL93_str_opr	BOBJ1	116.34	After	Left Exterior Girder	59.92	0.95	1	1	3.976151
HL93_str_opr	BOBJ1	116.34	After	Right Exterior Girder	59.92	0.95	1	1	3.976151
HL93_str_opr	BOBJ1	118.84	Before	Interior Girder 1	62.42	0.95	1	1	4.412215
HL93_str_opr	BOBJ1	118.84	Before	Interior Girder 2	62.42	0.95	1	1	4.246761
HL93_str_opr	BOBJ1	118.84	Before	Interior Girder 3	62.42	0.95	1	1	3.637385
HL93_str_opr	BOBJ1	118.84	Before	Interior Girder 4	62.42	0.95	1	1	3.637385
HL93_str_opr	BOBJ1	118.84	Before	Interior Girder 5	62.42	0.95	1	1	4.246761
HL93_str_opr	BOBJ1	118.84	Before	Interior Girder 6	62.42	0.95	1	1	4.412215
HL93_str_opr	BOBJ1	118.84	After	Interior Girder 1	62.42	0.95	1	1	3.999245
HL93_str_opr	BOBJ1	118.84	After	Interior Girder 2	62.42	0.95	1	1	3.790841
HL93_str_opr	BOBJ1	118.84	After	Interior Girder 3	62.42	0.95	1	1	3.11003
HL93_str_opr	BOBJ1	118.84	After	Interior Girder 4	62.42	0.95	1	1	3.11003
HL93_str_opr	BOBJ1	118.84	After	Interior Girder 5	62.42	0.95	1	1	3.790841
HL93_str_opr	BOBJ1	118.84	After	Interior Girder 6	62.42	0.95	1	1	3.999245
HL93_str_opr	BOBJ1	123.84	Before	Left Exterior Girder	67.42	0.95	1	1	5.721832
HL93_str_opr	BOBJ1	123.84	Before	Interior Girder 1	67.42	0.95	1	1	3.936661
HL93_str_opr	BOBJ1	123.84	Before	Interior Girder 2	67.42	0.95	1	1	3.732172
HL93_str_opr	BOBJ1	123.84	Before	Interior Girder 3	67.42	0.95	1	1	3.060691
HL93_str_opr	BOBJ1	123.84	Before	Interior Girder 4	67.42	0.95	1	1	3.060691
HL93_str_opr	BOBJ1	123.84	Before	Interior Girder 5	67.42	0.95	1	1	3.732172
HL93_str_opr	BOBJ1	123.84	Before	Interior Girder 6	67.42	0.95	1	1	3.936661
HL93_str_opr	BOBJ1	123.84	Before	Right Exterior Girder	67.42	0.95	1	1	5.721832
HL93_str_opr	BOBJ1	123.84	After	Left Exterior Girder	0	0.95	1	1	5.640415
HL93_str_opr	BOBJ1	123.84	After	Interior Girder 1	0	0.95	1	1	3.913676
HL93_str_opr	BOBJ1	123.84	After	Interior Girder 2	0	0.95	1	1	3.714658
HL93_str_opr	BOBJ1	123.84	After	Interior Girder 3	0	0.95	1	1	3.052346
HL93_str_opr	BOBJ1	123.84	After	Interior Girder 4	0	0.95	1	1	3.052346
HL93_str_opr	BOBJ1	123.84	After	Interior Girder 5	0	0.95	1	1	3.714658
HL93_str_opr	BOBJ1	123.84	After	Interior Girder 6	0	0.95	1	1	3.913676
HL93_str_opr	BOBJ1	123.84	After	Right Exterior Girder	0	0.95	1	1	5.640415
HL93_str_opr	BOBJ1	128.84	Before	Interior Girder 1	5	0.95	1	1	3.97595
HL93_str_opr	BOBJ1	128.84	Before	Interior Girder 2	5	0.95	1	1	3.773089
HL93_str_opr	BOBJ1	128.84	Before	Interior Girder 3	5	0.95	1	1	3.101579
HL93_str_opr	BOBJ1	128.84	Before	Interior Girder 4	5	0.95	1	1	3.101579
HL93_str_opr	BOBJ1	128.84	Before	Interior Girder 5	5	0.95	1	1	3.773089
HL93_str_opr	BOBJ1	128.84	Before	Interior Girder 6	5	0.95	1	1	3.97595
HL93_str_opr	BOBJ1	128.84	After	Interior Girder 1	5	0.95	1	1	4.380796
HL93_str_opr	BOBJ1	128.84	After	Interior Girder 2	5	0.95	1	1	4.222903
HL93_str_opr	BOBJ1	128.84	After	Interior Girder 3	5	0.95	1	1	3.624488
HL93_str_opr	BOBJ1	128.84	After	Interior Girder 4	5	0.95	1	1	3.624488
HL93_str_opr	BOBJ1	128.84	After	Interior Girder 5	5	0.95	1	1	4.222903
HL93_str_opr	BOBJ1	128.84	After	Interior Girder 6	5	0.95	1	1	4.380796
HL93_str_opr	BOBJ1	131.34	Before	Left Exterior Girder	7.5	0.95	1	1	3.914945
HL93_str_opr	BOBJ1	131.34	Before	Right Exterior Girder	7.5	0.95	1	1	3.914945
HL93_str_opr	BOBJ1	131.34	After	Left Exterior Girder	7.5	0.95	1	1	4.277893
HL93_str_opr	BOBJ1	131.34	After	Right Exterior Girder	7.5	0.95	1	1	4.277893
HL93_str_opr	BOBJ1	132.265	Before	Left Exterior Girder	8.425	0.95	1	1	4.287205
HL93_str_opr	BOBJ1	132.265	Before	Interior Girder 1	8.425	0.95	1	1	5.630062
HL93_str_opr	BOBJ1	132.265	Before	Interior Girder 2	8.425	0.95	1	1	4.265657
HL93_str_opr	BOBJ1	132.265	Before	Interior Girder 3	8.425	0.95	1	1	3.661943
HL93_str_opr	BOBJ1	132.265	Before	Interior Girder 4	8.425	0.95	1	1	3.661943
HL93_str_opr	BOBJ1	132.265	Before	Interior Girder 5	8.425	0.95	1	1	4.265657
HL93_str_opr	BOBJ1	132.265	Before	Interior Girder 6	8.425	0.95	1	1	5.630062
HL93_str_opr	BOBJ1	132.265	Before	Right Exterior Girder	8.425	0.95	1	1	4.287205
HL93_str_opr	BOBJ1	132.265	After	Left Exterior Girder	8.425	0.95	1	1	6.536813
HL93_str_opr	BOBJ1	132.265	After	Interior Girder 1	8.425	0.95	1	1	6.180739
HL93_str_opr	BOBJ1	132.265	After	Interior Girder 2	8.425	0.95	1	1	5.734155
HL93_str_opr	BOBJ1	132.265	After	Interior Girder 3	8.425	0.95	1	1	5.274814
HL93_str_opr	BOBJ1	132.265	After	Interior Girder 4	8.425	0.95	1	1	5.274814

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Approach, Span 7-11									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
HL93_str_opr	BOBJ1	132.265	After	Interior Girder 5	8.425	0.95	1	1	5.734155
HL93_str_opr	BOBJ1	132.265	After	Interior Girder 6	8.425	0.95	1	1	6.180739
HL93_str_opr	BOBJ1	132.265	After	Right Exterior Girder	8.425	0.95	1	1	6.536813
HL93_str_opr	BOBJ1	140.69	Before	Left Exterior Girder	16.85	0.95	1	1	6.656901
HL93_str_opr	BOBJ1	140.69	Before	Interior Girder 1	16.85	0.95	1	1	6.334291
HL93_str_opr	BOBJ1	140.69	Before	Interior Girder 2	16.85	0.95	1	1	5.874917
HL93_str_opr	BOBJ1	140.69	Before	Interior Girder 3	16.85	0.95	1	1	5.406395
HL93_str_opr	BOBJ1	140.69	Before	Interior Girder 4	16.85	0.95	1	1	5.406395
HL93_str_opr	BOBJ1	140.69	Before	Interior Girder 5	16.85	0.95	1	1	5.874917
HL93_str_opr	BOBJ1	140.69	Before	Interior Girder 6	16.85	0.95	1	1	6.334291
HL93_str_opr	BOBJ1	140.69	Before	Right Exterior Girder	16.85	0.95	1	1	6.656901
HL93_str_opr	BOBJ1	140.69	After	Left Exterior Girder	16.85	0.95	1	1	10.827441
HL93_str_opr	BOBJ1	140.69	After	Interior Girder 1	16.85	0.95	1	1	7.09574
HL93_str_opr	BOBJ1	140.69	After	Interior Girder 2	16.85	0.95	1	1	6.691148
HL93_str_opr	BOBJ1	140.69	After	Interior Girder 3	16.85	0.95	1	1	6.131113
HL93_str_opr	BOBJ1	140.69	After	Interior Girder 4	16.85	0.95	1	1	6.131113
HL93_str_opr	BOBJ1	140.69	After	Interior Girder 5	16.85	0.95	1	1	6.691148
HL93_str_opr	BOBJ1	140.69	After	Interior Girder 6	16.85	0.95	1	1	7.09574
HL93_str_opr	BOBJ1	140.69	After	Right Exterior Girder	16.85	0.95	1	1	10.827441
HL93_str_opr	BOBJ1	149.115	Before	Left Exterior Girder	25.275	0.95	1	1	11.015965
HL93_str_opr	BOBJ1	149.115	Before	Interior Girder 1	25.275	0.95	1	1	7.265848
HL93_str_opr	BOBJ1	149.115	Before	Interior Girder 2	25.275	0.95	1	1	6.851198
HL93_str_opr	BOBJ1	149.115	Before	Interior Girder 3	25.275	0.95	1	1	6.277623
HL93_str_opr	BOBJ1	149.115	Before	Interior Girder 4	25.275	0.95	1	1	6.277623
HL93_str_opr	BOBJ1	149.115	Before	Interior Girder 5	25.275	0.95	1	1	6.851198
HL93_str_opr	BOBJ1	149.115	Before	Interior Girder 6	25.275	0.95	1	1	7.265848
HL93_str_opr	BOBJ1	149.115	Before	Right Exterior Girder	25.275	0.95	1	1	11.015965
HL93_str_opr	BOBJ1	149.115	After	Left Exterior Girder	25.275	0.95	1	1	14.081482
HL93_str_opr	BOBJ1	149.115	After	Interior Girder 1	25.275	0.95	1	1	11.291997
HL93_str_opr	BOBJ1	149.115	After	Interior Girder 2	25.275	0.95	1	1	10.284392
HL93_str_opr	BOBJ1	149.115	After	Interior Girder 3	25.275	0.95	1	1	9.792926
HL93_str_opr	BOBJ1	149.115	After	Interior Girder 4	25.275	0.95	1	1	9.792926
HL93_str_opr	BOBJ1	149.115	After	Interior Girder 5	25.275	0.95	1	1	10.284392
HL93_str_opr	BOBJ1	149.115	After	Interior Girder 6	25.275	0.95	1	1	11.291997
HL93_str_opr	BOBJ1	149.115	After	Right Exterior Girder	25.275	0.95	1	1	14.081482
HL93_str_opr	BOBJ1	157.54	Before	Left Exterior Girder	33.7	0.95	1	1	14.314626
HL93_str_opr	BOBJ1	157.54	Before	Interior Girder 1	33.7	0.95	1	1	11.55455
HL93_str_opr	BOBJ1	157.54	Before	Interior Girder 2	33.7	0.95	1	1	10.522459
HL93_str_opr	BOBJ1	157.54	Before	Interior Girder 3	33.7	0.95	1	1	9.57828
HL93_str_opr	BOBJ1	157.54	Before	Interior Girder 4	33.7	0.95	1	1	9.57828
HL93_str_opr	BOBJ1	157.54	Before	Interior Girder 5	33.7	0.95	1	1	10.522459
HL93_str_opr	BOBJ1	157.54	Before	Interior Girder 6	33.7	0.95	1	1	11.55455
HL93_str_opr	BOBJ1	157.54	Before	Right Exterior Girder	33.7	0.95	1	1	14.314626
HL93_str_opr	BOBJ1	157.54	After	Left Exterior Girder	33.7	0.95	1	1	14.33682
HL93_str_opr	BOBJ1	157.54	After	Interior Girder 1	33.7	0.95	1	1	11.562338
HL93_str_opr	BOBJ1	157.54	After	Interior Girder 2	33.7	0.95	1	1	10.529356
HL93_str_opr	BOBJ1	157.54	After	Interior Girder 3	33.7	0.95	1	1	9.572573
HL93_str_opr	BOBJ1	157.54	After	Interior Girder 4	33.7	0.95	1	1	9.572573
HL93_str_opr	BOBJ1	157.54	After	Interior Girder 5	33.7	0.95	1	1	10.529356
HL93_str_opr	BOBJ1	157.54	After	Interior Girder 6	33.7	0.95	1	1	11.562338
HL93_str_opr	BOBJ1	157.54	After	Right Exterior Girder	33.7	0.95	1	1	14.33682
HL93_str_opr	BOBJ1	165.965	Before	Left Exterior Girder	42.125	0.95	1	1	14.103332
HL93_str_opr	BOBJ1	165.965	Before	Interior Girder 1	42.125	0.95	1	1	11.299614
HL93_str_opr	BOBJ1	165.965	Before	Interior Girder 2	42.125	0.95	1	1	10.291137
HL93_str_opr	BOBJ1	165.965	Before	Interior Girder 3	42.125	0.95	1	1	9.787101
HL93_str_opr	BOBJ1	165.965	Before	Interior Girder 4	42.125	0.95	1	1	9.787101
HL93_str_opr	BOBJ1	165.965	Before	Interior Girder 5	42.125	0.95	1	1	10.291137
HL93_str_opr	BOBJ1	165.965	Before	Interior Girder 6	42.125	0.95	1	1	11.299614
HL93_str_opr	BOBJ1	165.965	Before	Right Exterior Girder	42.125	0.95	1	1	14.103332
HL93_str_opr	BOBJ1	165.965	After	Left Exterior Girder	42.125	0.95	1	1	11.031009
HL93_str_opr	BOBJ1	165.965	After	Interior Girder 1	42.125	0.95	1	1	7.269229
HL93_str_opr	BOBJ1	165.965	After	Interior Girder 2	42.125	0.95	1	1	6.854344
HL93_str_opr	BOBJ1	165.965	After	Interior Girder 3	42.125	0.95	1	1	6.280654
HL93_str_opr	BOBJ1	165.965	After	Interior Girder 4	42.125	0.95	1	1	6.280654
HL93_str_opr	BOBJ1	165.965	After	Interior Girder 5	42.125	0.95	1	1	6.854344

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Approach, Span 7-11									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
HL93_str_opr	BOBJ1	165.965	After	Interior Girder 6	42.125	0.95	1	1	7.269229
HL93_str_opr	BOBJ1	165.965	After	Right Exterior Girder	42.125	0.95	1	1	11.031009
HL93_str_opr	BOBJ1	174.39	Before	Left Exterior Girder	50.55	0.95	1	1	10.842242
HL93_str_opr	BOBJ1	174.39	Before	Interior Girder 1	50.55	0.95	1	1	7.099045
HL93_str_opr	BOBJ1	174.39	Before	Interior Girder 2	50.55	0.95	1	1	6.694223
HL93_str_opr	BOBJ1	174.39	Before	Interior Girder 3	50.55	0.95	1	1	6.134081
HL93_str_opr	BOBJ1	174.39	Before	Interior Girder 4	50.55	0.95	1	1	6.134081
HL93_str_opr	BOBJ1	174.39	Before	Interior Girder 5	50.55	0.95	1	1	6.694223
HL93_str_opr	BOBJ1	174.39	Before	Interior Girder 6	50.55	0.95	1	1	7.099045
HL93_str_opr	BOBJ1	174.39	Before	Right Exterior Girder	50.55	0.95	1	1	10.842242
HL93_str_opr	BOBJ1	174.39	After	Left Exterior Girder	50.55	0.95	1	1	6.663481
HL93_str_opr	BOBJ1	174.39	After	Interior Girder 1	50.55	0.95	1	1	6.336467
HL93_str_opr	BOBJ1	174.39	After	Interior Girder 2	50.55	0.95	1	1	5.875814
HL93_str_opr	BOBJ1	174.39	After	Interior Girder 3	50.55	0.95	1	1	5.411639
HL93_str_opr	BOBJ1	174.39	After	Interior Girder 4	50.55	0.95	1	1	5.411639
HL93_str_opr	BOBJ1	174.39	After	Interior Girder 5	50.55	0.95	1	1	5.875814
HL93_str_opr	BOBJ1	174.39	After	Interior Girder 6	50.55	0.95	1	1	6.336467
HL93_str_opr	BOBJ1	174.39	After	Right Exterior Girder	50.55	0.95	1	1	6.663481
HL93_str_opr	BOBJ1	182.825	Before	Left Exterior Girder	58.985	0.95	1	1	6.543146
HL93_str_opr	BOBJ1	182.825	Before	Interior Girder 1	58.985	0.95	1	1	6.182674
HL93_str_opr	BOBJ1	182.825	Before	Interior Girder 2	58.985	0.95	1	1	5.734857
HL93_str_opr	BOBJ1	182.825	Before	Interior Girder 3	58.985	0.95	1	1	5.27979
HL93_str_opr	BOBJ1	182.825	Before	Interior Girder 4	58.985	0.95	1	1	5.27979
HL93_str_opr	BOBJ1	182.825	Before	Interior Girder 5	58.985	0.95	1	1	5.734857
HL93_str_opr	BOBJ1	182.825	Before	Interior Girder 6	58.985	0.95	1	1	6.182674
HL93_str_opr	BOBJ1	182.825	Before	Right Exterior Girder	58.985	0.95	1	1	6.543146
HL93_str_opr	BOBJ1	182.825	After	Left Exterior Girder	58.985	0.95	1	1	4.304042
HL93_str_opr	BOBJ1	182.825	After	Interior Girder 1	58.985	0.95	1	1	5.614877
HL93_str_opr	BOBJ1	182.825	After	Interior Girder 2	58.985	0.95	1	1	4.264285
HL93_str_opr	BOBJ1	182.825	After	Interior Girder 3	58.985	0.95	1	1	3.663374
HL93_str_opr	BOBJ1	182.825	After	Interior Girder 4	58.985	0.95	1	1	3.663374
HL93_str_opr	BOBJ1	182.825	After	Interior Girder 5	58.985	0.95	1	1	4.264285
HL93_str_opr	BOBJ1	182.825	After	Interior Girder 6	58.985	0.95	1	1	5.614877
HL93_str_opr	BOBJ1	182.825	After	Right Exterior Girder	58.985	0.95	1	1	4.304042
HL93_str_opr	BOBJ1	183.76	Before	Left Exterior Girder	59.92	0.95	1	1	4.294598
HL93_str_opr	BOBJ1	183.76	Before	Right Exterior Girder	59.92	0.95	1	1	4.294598
HL93_str_opr	BOBJ1	183.76	After	Left Exterior Girder	59.92	0.95	1	1	3.927189
HL93_str_opr	BOBJ1	183.76	After	Right Exterior Girder	59.92	0.95	1	1	3.927189
HL93_str_opr	BOBJ1	186.26	Before	Interior Girder 1	62.42	0.95	1	1	4.380101
HL93_str_opr	BOBJ1	186.26	Before	Interior Girder 2	62.42	0.95	1	1	4.221416
HL93_str_opr	BOBJ1	186.26	Before	Interior Girder 3	62.42	0.95	1	1	3.625798
HL93_str_opr	BOBJ1	186.26	Before	Interior Girder 4	62.42	0.95	1	1	3.625798
HL93_str_opr	BOBJ1	186.26	Before	Interior Girder 5	62.42	0.95	1	1	4.221416
HL93_str_opr	BOBJ1	186.26	Before	Interior Girder 6	62.42	0.95	1	1	4.380101
HL93_str_opr	BOBJ1	186.26	After	Interior Girder 1	62.42	0.95	1	1	3.973921
HL93_str_opr	BOBJ1	186.26	After	Interior Girder 2	62.42	0.95	1	1	3.770973
HL93_str_opr	BOBJ1	186.26	After	Interior Girder 3	62.42	0.95	1	1	3.10159
HL93_str_opr	BOBJ1	186.26	After	Interior Girder 4	62.42	0.95	1	1	3.10159
HL93_str_opr	BOBJ1	186.26	After	Interior Girder 5	62.42	0.95	1	1	3.770973
HL93_str_opr	BOBJ1	186.26	After	Interior Girder 6	62.42	0.95	1	1	3.973921
HL93_str_opr	BOBJ1	191.26	Before	Left Exterior Girder	67.42	0.95	1	1	5.644061
HL93_str_opr	BOBJ1	191.26	Before	Interior Girder 1	67.42	0.95	1	1	3.911671
HL93_str_opr	BOBJ1	191.26	Before	Interior Girder 2	67.42	0.95	1	1	3.712567
HL93_str_opr	BOBJ1	191.26	Before	Interior Girder 3	67.42	0.95	1	1	3.05236
HL93_str_opr	BOBJ1	191.26	Before	Interior Girder 4	67.42	0.95	1	1	3.05236
HL93_str_opr	BOBJ1	191.26	Before	Interior Girder 5	67.42	0.95	1	1	3.712567
HL93_str_opr	BOBJ1	191.26	Before	Interior Girder 6	67.42	0.95	1	1	3.911671
HL93_str_opr	BOBJ1	191.26	Before	Right Exterior Girder	67.42	0.95	1	1	5.644061
HL93_str_opr	BOBJ1	191.26	After	Left Exterior Girder	0	0.95	1	1	5.716393
HL93_str_opr	BOBJ1	191.26	After	Interior Girder 1	0	0.95	1	1	3.938004
HL93_str_opr	BOBJ1	191.26	After	Interior Girder 2	0	0.95	1	1	3.733824
HL93_str_opr	BOBJ1	191.26	After	Interior Girder 3	0	0.95	1	1	3.060332
HL93_str_opr	BOBJ1	191.26	After	Interior Girder 4	0	0.95	1	1	3.060332
HL93_str_opr	BOBJ1	191.26	After	Interior Girder 5	0	0.95	1	1	3.733824
HL93_str_opr	BOBJ1	191.26	After	Interior Girder 6	0	0.95	1	1	3.938004

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Approach, Span 7-11									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
HL93_str_opr	BOBJ1	191.26	After	Right Exterior Girder	0	0.95	1	1	5.716393
HL93_str_opr	BOBJ1	196.26	Before	Interior Girder 1	5	0.95	1	1	4.000612
HL93_str_opr	BOBJ1	196.26	Before	Interior Girder 2	5	0.95	1	1	3.792518
HL93_str_opr	BOBJ1	196.26	Before	Interior Girder 3	5	0.95	1	1	3.109673
HL93_str_opr	BOBJ1	196.26	Before	Interior Girder 4	5	0.95	1	1	3.109673
HL93_str_opr	BOBJ1	196.26	Before	Interior Girder 5	5	0.95	1	1	3.792518
HL93_str_opr	BOBJ1	196.26	Before	Interior Girder 6	5	0.95	1	1	4.000612
HL93_str_opr	BOBJ1	196.26	After	Interior Girder 1	5	0.95	1	1	4.412167
HL93_str_opr	BOBJ1	196.26	After	Interior Girder 2	5	0.95	1	1	4.247744
HL93_str_opr	BOBJ1	196.26	After	Interior Girder 3	5	0.95	1	1	3.635673
HL93_str_opr	BOBJ1	196.26	After	Interior Girder 4	5	0.95	1	1	3.635673
HL93_str_opr	BOBJ1	196.26	After	Interior Girder 5	5	0.95	1	1	4.247744
HL93_str_opr	BOBJ1	196.26	After	Interior Girder 6	5	0.95	1	1	4.412167
HL93_str_opr	BOBJ1	198.76	Before	Left Exterior Girder	7.5	0.95	1	1	3.962083
HL93_str_opr	BOBJ1	198.76	Before	Right Exterior Girder	7.5	0.95	1	1	3.962083
HL93_str_opr	BOBJ1	198.76	After	Left Exterior Girder	7.5	0.95	1	1	4.338767
HL93_str_opr	BOBJ1	198.76	After	Right Exterior Girder	7.5	0.95	1	1	4.338767
HL93_str_opr	BOBJ1	199.685	Before	Left Exterior Girder	8.425	0.95	1	1	4.348206
HL93_str_opr	BOBJ1	199.685	Before	Interior Girder 1	8.425	0.95	1	1	5.658269
HL93_str_opr	BOBJ1	199.685	Before	Interior Girder 2	8.425	0.95	1	1	4.290721
HL93_str_opr	BOBJ1	199.685	Before	Interior Girder 3	8.425	0.95	1	1	3.673228
HL93_str_opr	BOBJ1	199.685	Before	Interior Girder 4	8.425	0.95	1	1	3.673228
HL93_str_opr	BOBJ1	199.685	Before	Interior Girder 5	8.425	0.95	1	1	4.290721
HL93_str_opr	BOBJ1	199.685	Before	Interior Girder 6	8.425	0.95	1	1	5.658269
HL93_str_opr	BOBJ1	199.685	Before	Right Exterior Girder	8.425	0.95	1	1	4.348206
HL93_str_opr	BOBJ1	199.685	After	Left Exterior Girder	8.425	0.95	1	1	6.639031
HL93_str_opr	BOBJ1	199.685	After	Interior Girder 1	8.425	0.95	1	1	6.248381
HL93_str_opr	BOBJ1	199.685	After	Interior Girder 2	8.425	0.95	1	1	5.781188
HL93_str_opr	BOBJ1	199.685	After	Interior Girder 3	8.425	0.95	1	1	5.304972
HL93_str_opr	BOBJ1	199.685	After	Interior Girder 4	8.425	0.95	1	1	5.304972
HL93_str_opr	BOBJ1	199.685	After	Interior Girder 5	8.425	0.95	1	1	5.781188
HL93_str_opr	BOBJ1	199.685	After	Interior Girder 6	8.425	0.95	1	1	6.248381
HL93_str_opr	BOBJ1	199.685	After	Right Exterior Girder	8.425	0.95	1	1	6.639031
HL93_str_opr	BOBJ1	208.11	Before	Left Exterior Girder	16.85	0.95	1	1	6.760917
HL93_str_opr	BOBJ1	208.11	Before	Interior Girder 1	16.85	0.95	1	1	6.403484
HL93_str_opr	BOBJ1	208.11	Before	Interior Girder 2	16.85	0.95	1	1	5.923015
HL93_str_opr	BOBJ1	208.11	Before	Interior Girder 3	16.85	0.95	1	1	5.437254
HL93_str_opr	BOBJ1	208.11	Before	Interior Girder 4	16.85	0.95	1	1	5.437254
HL93_str_opr	BOBJ1	208.11	Before	Interior Girder 5	16.85	0.95	1	1	5.923015
HL93_str_opr	BOBJ1	208.11	Before	Interior Girder 6	16.85	0.95	1	1	6.403484
HL93_str_opr	BOBJ1	208.11	Before	Right Exterior Girder	16.85	0.95	1	1	6.760917
HL93_str_opr	BOBJ1	208.11	After	Left Exterior Girder	16.85	0.95	1	1	11.1081
HL93_str_opr	BOBJ1	208.11	After	Interior Girder 1	16.85	0.95	1	1	7.1896
HL93_str_opr	BOBJ1	208.11	After	Interior Girder 2	16.85	0.95	1	1	6.758861
HL93_str_opr	BOBJ1	208.11	After	Interior Girder 3	16.85	0.95	1	1	6.163902
HL93_str_opr	BOBJ1	208.11	After	Interior Girder 4	16.85	0.95	1	1	6.163902
HL93_str_opr	BOBJ1	208.11	After	Interior Girder 5	16.85	0.95	1	1	6.758861
HL93_str_opr	BOBJ1	208.11	After	Interior Girder 6	16.85	0.95	1	1	7.1896
HL93_str_opr	BOBJ1	208.11	After	Right Exterior Girder	16.85	0.95	1	1	11.1081
HL93_str_opr	BOBJ1	216.535	Before	Left Exterior Girder	25.275	0.95	1	1	11.30134
HL93_str_opr	BOBJ1	216.535	Before	Interior Girder 1	25.275	0.95	1	1	7.361818
HL93_str_opr	BOBJ1	216.535	Before	Interior Girder 2	25.275	0.95	1	1	6.92045
HL93_str_opr	BOBJ1	216.535	Before	Interior Girder 3	25.275	0.95	1	1	6.311164
HL93_str_opr	BOBJ1	216.535	Before	Interior Girder 4	25.275	0.95	1	1	6.311164
HL93_str_opr	BOBJ1	216.535	Before	Interior Girder 5	25.275	0.95	1	1	6.92045
HL93_str_opr	BOBJ1	216.535	Before	Interior Girder 6	25.275	0.95	1	1	7.361818
HL93_str_opr	BOBJ1	216.535	Before	Right Exterior Girder	25.275	0.95	1	1	11.30134
HL93_str_opr	BOBJ1	216.535	After	Left Exterior Girder	25.275	0.95	1	1	14.510188
HL93_str_opr	BOBJ1	216.535	After	Interior Girder 1	25.275	0.95	1	1	11.49491
HL93_str_opr	BOBJ1	216.535	After	Interior Girder 2	25.275	0.95	1	1	10.418203
HL93_str_opr	BOBJ1	216.535	After	Interior Girder 3	25.275	0.95	1	1	9.800982
HL93_str_opr	BOBJ1	216.535	After	Interior Girder 4	25.275	0.95	1	1	9.800982
HL93_str_opr	BOBJ1	216.535	After	Interior Girder 5	25.275	0.95	1	1	10.418203
HL93_str_opr	BOBJ1	216.535	After	Interior Girder 6	25.275	0.95	1	1	11.49491
HL93_str_opr	BOBJ1	216.535	After	Right Exterior Girder	25.275	0.95	1	1	14.510188

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Approach, Span 7-11									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
HL93_str_opr	BOBJ1	224.96	Before	Left Exterior Girder	33.7	0.95	1	1	14.750222
HL93_str_opr	BOBJ1	224.96	Before	Interior Girder 1	33.7	0.95	1	1	11.761967
HL93_str_opr	BOBJ1	224.96	Before	Interior Girder 2	33.7	0.95	1	1	10.659255
HL93_str_opr	BOBJ1	224.96	Before	Interior Girder 3	33.7	0.95	1	1	9.586119
HL93_str_opr	BOBJ1	224.96	Before	Interior Girder 4	33.7	0.95	1	1	9.586119
HL93_str_opr	BOBJ1	224.96	Before	Interior Girder 5	33.7	0.95	1	1	10.659255
HL93_str_opr	BOBJ1	224.96	Before	Interior Girder 6	33.7	0.95	1	1	11.761967
HL93_str_opr	BOBJ1	224.96	Before	Right Exterior Girder	33.7	0.95	1	1	14.750222
HL93_str_opr	BOBJ1	224.96	After	Left Exterior Girder	33.7	0.95	1	1	14.146619
HL93_str_opr	BOBJ1	224.96	After	Interior Girder 1	33.7	0.95	1	1	11.538725
HL93_str_opr	BOBJ1	224.96	After	Interior Girder 2	33.7	0.95	1	1	10.518391
HL93_str_opr	BOBJ1	224.96	After	Interior Girder 3	33.7	0.95	1	1	9.700362
HL93_str_opr	BOBJ1	224.96	After	Interior Girder 4	33.7	0.95	1	1	9.700362
HL93_str_opr	BOBJ1	224.96	After	Interior Girder 5	33.7	0.95	1	1	10.518391
HL93_str_opr	BOBJ1	224.96	After	Interior Girder 6	33.7	0.95	1	1	11.538725
HL93_str_opr	BOBJ1	224.96	After	Right Exterior Girder	33.7	0.95	1	1	14.146619
HL93_str_opr	BOBJ1	233.385	Before	Left Exterior Girder	42.125	0.95	1	1	13.915845
HL93_str_opr	BOBJ1	233.385	Before	Interior Girder 1	42.125	0.95	1	1	11.276466
HL93_str_opr	BOBJ1	233.385	Before	Interior Girder 2	42.125	0.95	1	1	10.280408
HL93_str_opr	BOBJ1	233.385	Before	Interior Girder 3	42.125	0.95	1	1	9.91769
HL93_str_opr	BOBJ1	233.385	Before	Interior Girder 4	42.125	0.95	1	1	9.91769
HL93_str_opr	BOBJ1	233.385	Before	Interior Girder 5	42.125	0.95	1	1	10.280408
HL93_str_opr	BOBJ1	233.385	Before	Interior Girder 6	42.125	0.95	1	1	11.276466
HL93_str_opr	BOBJ1	233.385	Before	Right Exterior Girder	42.125	0.95	1	1	13.915845
HL93_str_opr	BOBJ1	233.385	After	Left Exterior Girder	42.125	0.95	1	1	10.881867
HL93_str_opr	BOBJ1	233.385	After	Interior Girder 1	42.125	0.95	1	1	7.251788
HL93_str_opr	BOBJ1	233.385	After	Interior Girder 2	42.125	0.95	1	1	6.845254
HL93_str_opr	BOBJ1	233.385	After	Interior Girder 3	42.125	0.95	1	1	6.266338
HL93_str_opr	BOBJ1	233.385	After	Interior Girder 4	42.125	0.95	1	1	6.266338
HL93_str_opr	BOBJ1	233.385	After	Interior Girder 5	42.125	0.95	1	1	6.845254
HL93_str_opr	BOBJ1	233.385	After	Interior Girder 6	42.125	0.95	1	1	7.251788
HL93_str_opr	BOBJ1	233.385	After	Right Exterior Girder	42.125	0.95	1	1	10.881867
HL93_str_opr	BOBJ1	241.81	Before	Left Exterior Girder	50.55	0.95	1	1	10.695311
HL93_str_opr	BOBJ1	241.81	Before	Interior Girder 1	50.55	0.95	1	1	7.081978
HL93_str_opr	BOBJ1	241.81	Before	Interior Girder 2	50.55	0.95	1	1	6.685342
HL93_str_opr	BOBJ1	241.81	Before	Interior Girder 3	50.55	0.95	1	1	6.12005
HL93_str_opr	BOBJ1	241.81	Before	Interior Girder 4	50.55	0.95	1	1	6.12005
HL93_str_opr	BOBJ1	241.81	Before	Interior Girder 5	50.55	0.95	1	1	6.685342
HL93_str_opr	BOBJ1	241.81	Before	Interior Girder 6	50.55	0.95	1	1	7.081978
HL93_str_opr	BOBJ1	241.81	Before	Right Exterior Girder	50.55	0.95	1	1	10.695311
HL93_str_opr	BOBJ1	241.81	After	Left Exterior Girder	50.55	0.95	1	1	6.768694
HL93_str_opr	BOBJ1	241.81	After	Interior Girder 1	50.55	0.95	1	1	6.374266
HL93_str_opr	BOBJ1	241.81	After	Interior Girder 2	50.55	0.95	1	1	5.852831
HL93_str_opr	BOBJ1	241.81	After	Interior Girder 3	50.55	0.95	1	1	5.364408
HL93_str_opr	BOBJ1	241.81	After	Interior Girder 4	50.55	0.95	1	1	5.364408
HL93_str_opr	BOBJ1	241.81	After	Interior Girder 5	50.55	0.95	1	1	5.852831
HL93_str_opr	BOBJ1	241.81	After	Interior Girder 6	50.55	0.95	1	1	6.374266
HL93_str_opr	BOBJ1	241.81	After	Right Exterior Girder	50.55	0.95	1	1	6.768694
HL93_str_opr	BOBJ1	245.18	Before	Left Exterior Girder	53.92	0.95	1	1	6.720188
HL93_str_opr	BOBJ1	245.18	Before	Interior Girder 1	53.92	0.95	1	1	6.31269
HL93_str_opr	BOBJ1	245.18	Before	Interior Girder 2	53.92	0.95	1	1	5.796893
HL93_str_opr	BOBJ1	245.18	Before	Interior Girder 3	53.92	0.95	1	1	5.312318
HL93_str_opr	BOBJ1	245.18	Before	Interior Girder 4	53.92	0.95	1	1	5.312318
HL93_str_opr	BOBJ1	245.18	Before	Interior Girder 5	53.92	0.95	1	1	5.796893
HL93_str_opr	BOBJ1	245.18	Before	Interior Girder 6	53.92	0.95	1	1	6.31269
HL93_str_opr	BOBJ1	245.18	Before	Right Exterior Girder	53.92	0.95	1	1	6.720188
HL93_str_opr	BOBJ1	245.18	After	Left Exterior Girder	53.92	0.95	1	1	7.070418
HL93_str_opr	BOBJ1	245.18	After	Interior Girder 1	53.92	0.95	1	1	5.806835
HL93_str_opr	BOBJ1	245.18	After	Interior Girder 2	53.92	0.95	1	1	5.391943
HL93_str_opr	BOBJ1	245.18	After	Interior Girder 3	53.92	0.95	1	1	4.844875
HL93_str_opr	BOBJ1	245.18	After	Interior Girder 4	53.92	0.95	1	1	4.844875
HL93_str_opr	BOBJ1	245.18	After	Interior Girder 5	53.92	0.95	1	1	5.391943
HL93_str_opr	BOBJ1	245.18	After	Interior Girder 6	53.92	0.95	1	1	5.806835
HL93_str_opr	BOBJ1	245.18	After	Right Exterior Girder	53.92	0.95	1	1	7.070418
HL93_str_opr	BOBJ1	250.245	Before	Left Exterior Girder	58.985	0.95	1	1	6.998897

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Approach, Span 7-11									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
HL93_str_opr	BOBJ1	250.245	Before	Interior Girder 1	58.985	0.95	1	1	5.724512
HL93_str_opr	BOBJ1	250.245	Before	Interior Girder 2	58.985	0.95	1	1	5.316257
HL93_str_opr	BOBJ1	250.245	Before	Interior Girder 3	58.985	0.95	1	1	4.775722
HL93_str_opr	BOBJ1	250.245	Before	Interior Girder 4	58.985	0.95	1	1	4.775722
HL93_str_opr	BOBJ1	250.245	Before	Interior Girder 5	58.985	0.95	1	1	5.316257
HL93_str_opr	BOBJ1	250.245	Before	Interior Girder 6	58.985	0.95	1	1	5.724512
HL93_str_opr	BOBJ1	250.245	Before	Right Exterior Girder	58.985	0.95	1	1	6.998897
HL93_str_opr	BOBJ1	250.245	After	Left Exterior Girder	58.985	0.95	1	1	5.815098
HL93_str_opr	BOBJ1	250.245	After	Interior Girder 1	58.985	0.95	1	1	5.081359
HL93_str_opr	BOBJ1	250.245	After	Interior Girder 2	58.985	0.95	1	1	4.462496
HL93_str_opr	BOBJ1	250.245	After	Interior Girder 3	58.985	0.95	1	1	3.836493
HL93_str_opr	BOBJ1	250.245	After	Interior Girder 4	58.985	0.95	1	1	3.836493
HL93_str_opr	BOBJ1	250.245	After	Interior Girder 5	58.985	0.95	1	1	4.462496
HL93_str_opr	BOBJ1	250.245	After	Interior Girder 6	58.985	0.95	1	1	5.081359
HL93_str_opr	BOBJ1	250.245	After	Right Exterior Girder	58.985	0.95	1	1	5.815098
HL93_str_opr	BOBJ1	251.68	Before	Left Exterior Girder	60.42	0.95	1	1	5.797728
HL93_str_opr	BOBJ1	251.68	Before	Right Exterior Girder	60.42	0.95	1	1	5.797728
HL93_str_opr	BOBJ1	251.68	After	Left Exterior Girder	60.42	0.95	1	1	5.324793
HL93_str_opr	BOBJ1	251.68	After	Right Exterior Girder	60.42	0.95	1	1	5.324793
HL93_str_opr	BOBJ1	254.18	Before	Interior Girder 1	62.92	0.95	1	1	4.580019
HL93_str_opr	BOBJ1	254.18	Before	Interior Girder 2	62.92	0.95	1	1	4.412973
HL93_str_opr	BOBJ1	254.18	Before	Interior Girder 3	62.92	0.95	1	1	3.793065
HL93_str_opr	BOBJ1	254.18	Before	Interior Girder 4	62.92	0.95	1	1	3.793065
HL93_str_opr	BOBJ1	254.18	Before	Interior Girder 5	62.92	0.95	1	1	4.412973
HL93_str_opr	BOBJ1	254.18	Before	Interior Girder 6	62.92	0.95	1	1	4.580019
HL93_str_opr	BOBJ1	254.18	After	Interior Girder 1	62.92	0.95	1	1	4.127489
HL93_str_opr	BOBJ1	254.18	After	Interior Girder 2	62.92	0.95	1	1	3.917844
HL93_str_opr	BOBJ1	254.18	After	Interior Girder 3	62.92	0.95	1	1	3.201015
HL93_str_opr	BOBJ1	254.18	After	Interior Girder 4	62.92	0.95	1	1	3.201015
HL93_str_opr	BOBJ1	254.18	After	Interior Girder 5	62.92	0.95	1	1	3.917844
HL93_str_opr	BOBJ1	254.18	After	Interior Girder 6	62.92	0.95	1	1	4.127489
HL93_str_opr	BOBJ1	258.68	Before	Left Exterior Girder	67.42	0.95	1	1	6.405835
HL93_str_opr	BOBJ1	258.68	Before	Interior Girder 1	67.42	0.95	1	1	4.072621
HL93_str_opr	BOBJ1	258.68	Before	Interior Girder 2	67.42	0.95	1	1	3.866269
HL93_str_opr	BOBJ1	258.68	Before	Interior Girder 3	67.42	0.95	1	1	3.157833
HL93_str_opr	BOBJ1	258.68	Before	Interior Girder 4	67.42	0.95	1	1	3.157833
HL93_str_opr	BOBJ1	258.68	Before	Interior Girder 5	67.42	0.95	1	1	3.866269
HL93_str_opr	BOBJ1	258.68	Before	Interior Girder 6	67.42	0.95	1	1	4.072621
HL93_str_opr	BOBJ1	258.68	Before	Right Exterior Girder	67.42	0.95	1	1	6.405835
HL93_str_opr	BOBJ1	258.68	After	Left Exterior Girder	0	0.95	1	1	6.790039
HL93_str_opr	BOBJ1	258.68	After	Interior Girder 1	0	0.95	1	1	4.051363
HL93_str_opr	BOBJ1	258.68	After	Interior Girder 2	0	0.95	1	1	3.833797
HL93_str_opr	BOBJ1	258.68	After	Interior Girder 3	0	0.95	1	1	3.117296
HL93_str_opr	BOBJ1	258.68	After	Interior Girder 4	0	0.95	1	1	3.117296
HL93_str_opr	BOBJ1	258.68	After	Interior Girder 5	0	0.95	1	1	3.833797
HL93_str_opr	BOBJ1	258.68	After	Interior Girder 6	0	0.95	1	1	4.051363
HL93_str_opr	BOBJ1	258.68	After	Right Exterior Girder	0	0.95	1	1	6.790039
HL93_str_opr	BOBJ1	263.18	Before	Interior Girder 1	4.5	0.95	1	1	4.106255
HL93_str_opr	BOBJ1	263.18	Before	Interior Girder 2	4.5	0.95	1	1	3.885243
HL93_str_opr	BOBJ1	263.18	Before	Interior Girder 3	4.5	0.95	1	1	3.160112
HL93_str_opr	BOBJ1	263.18	Before	Interior Girder 4	4.5	0.95	1	1	3.160112
HL93_str_opr	BOBJ1	263.18	Before	Interior Girder 5	4.5	0.95	1	1	3.885243
HL93_str_opr	BOBJ1	263.18	Before	Interior Girder 6	4.5	0.95	1	1	4.106255
HL93_str_opr	BOBJ1	263.18	After	Interior Girder 1	4.5	0.95	1	1	4.714573
HL93_str_opr	BOBJ1	263.18	After	Interior Girder 2	4.5	0.95	1	1	4.505722
HL93_str_opr	BOBJ1	263.18	After	Interior Girder 3	4.5	0.95	1	1	3.868645
HL93_str_opr	BOBJ1	263.18	After	Interior Girder 4	4.5	0.95	1	1	3.868645
HL93_str_opr	BOBJ1	263.18	After	Interior Girder 5	4.5	0.95	1	1	4.505722
HL93_str_opr	BOBJ1	263.18	After	Interior Girder 6	4.5	0.95	1	1	4.714573
HL93_str_opr	BOBJ1	265.68	Before	Left Exterior Girder	7	0.95	1	1	5.779064
HL93_str_opr	BOBJ1	265.68	Before	Right Exterior Girder	7	0.95	1	1	5.779064
HL93_str_opr	BOBJ1	265.68	After	Left Exterior Girder	7	0.95	1	1	6.525685
HL93_str_opr	BOBJ1	265.68	After	Right Exterior Girder	7	0.95	1	1	6.525685
HL93_str_opr	BOBJ1	268.08	Before	Left Exterior Girder	9.4	0.95	1	1	6.558463
HL93_str_opr	BOBJ1	268.08	Before	Interior Girder 1	9.4	0.95	1	1	5.101015

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Approach, Span 7-11									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
HL93_str_opr	BOBJ1	268.08	Before	Interior Girder 2	9.4	0.95	1	1	4.569037
HL93_str_opr	BOBJ1	268.08	Before	Interior Girder 3	9.4	0.95	1	1	3.923999
HL93_str_opr	BOBJ1	268.08	Before	Interior Girder 4	9.4	0.95	1	1	3.923999
HL93_str_opr	BOBJ1	268.08	Before	Interior Girder 5	9.4	0.95	1	1	4.569037
HL93_str_opr	BOBJ1	268.08	Before	Interior Girder 6	9.4	0.95	1	1	5.101015
HL93_str_opr	BOBJ1	268.08	Before	Right Exterior Girder	9.4	0.95	1	1	6.558463
HL93_str_opr	BOBJ1	268.08	After	Left Exterior Girder	9.4	0.95	1	1	8.087918
HL93_str_opr	BOBJ1	268.08	After	Interior Girder 1	9.4	0.95	1	1	7.108556
HL93_str_opr	BOBJ1	268.08	After	Interior Girder 2	9.4	0.95	1	1	6.417763
HL93_str_opr	BOBJ1	268.08	After	Interior Girder 3	9.4	0.95	1	1	5.931353
HL93_str_opr	BOBJ1	268.08	After	Interior Girder 4	9.4	0.95	1	1	5.931353
HL93_str_opr	BOBJ1	268.08	After	Interior Girder 5	9.4	0.95	1	1	6.417763
HL93_str_opr	BOBJ1	268.08	After	Interior Girder 6	9.4	0.95	1	1	7.108556
HL93_str_opr	BOBJ1	268.08	After	Right Exterior Girder	9.4	0.95	1	1	8.087918
HL93_str_opr	BOBJ1	277.48	Before	Left Exterior Girder	18.8	0.95	1	1	8.240288
HL93_str_opr	BOBJ1	277.48	Before	Interior Girder 1	18.8	0.95	1	1	7.298429
HL93_str_opr	BOBJ1	277.48	Before	Interior Girder 2	18.8	0.95	1	1	6.587444
HL93_str_opr	BOBJ1	277.48	Before	Interior Girder 3	18.8	0.95	1	1	6.090309
HL93_str_opr	BOBJ1	277.48	Before	Interior Girder 4	18.8	0.95	1	1	6.090309
HL93_str_opr	BOBJ1	277.48	Before	Interior Girder 5	18.8	0.95	1	1	6.587444
HL93_str_opr	BOBJ1	277.48	Before	Interior Girder 6	18.8	0.95	1	1	7.298429
HL93_str_opr	BOBJ1	277.48	Before	Right Exterior Girder	18.8	0.95	1	1	8.240288
HL93_str_opr	BOBJ1	277.48	After	Left Exterior Girder	18.8	0.95	1	1	15.351764
HL93_str_opr	BOBJ1	277.48	After	Interior Girder 1	18.8	0.95	1	1	8.5416
HL93_str_opr	BOBJ1	277.48	After	Interior Girder 2	18.8	0.95	1	1	7.9441
HL93_str_opr	BOBJ1	277.48	After	Interior Girder 3	18.8	0.95	1	1	6.997547
HL93_str_opr	BOBJ1	277.48	After	Interior Girder 4	18.8	0.95	1	1	6.997547
HL93_str_opr	BOBJ1	277.48	After	Interior Girder 5	18.8	0.95	1	1	7.9441
HL93_str_opr	BOBJ1	277.48	After	Interior Girder 6	18.8	0.95	1	1	8.5416
HL93_str_opr	BOBJ1	277.48	After	Right Exterior Girder	18.8	0.95	1	1	15.351764
HL93_str_opr	BOBJ1	286.88	Before	Left Exterior Girder	28.2	0.95	1	1	15.626062
HL93_str_opr	BOBJ1	286.88	Before	Interior Girder 1	28.2	0.95	1	1	8.761167
HL93_str_opr	BOBJ1	286.88	Before	Interior Girder 2	28.2	0.95	1	1	8.148034
HL93_str_opr	BOBJ1	286.88	Before	Interior Girder 3	28.2	0.95	1	1	7.176966
HL93_str_opr	BOBJ1	286.88	Before	Interior Girder 4	28.2	0.95	1	1	7.176966
HL93_str_opr	BOBJ1	286.88	Before	Interior Girder 5	28.2	0.95	1	1	8.148034
HL93_str_opr	BOBJ1	286.88	Before	Interior Girder 6	28.2	0.95	1	1	8.761167
HL93_str_opr	BOBJ1	286.88	Before	Right Exterior Girder	28.2	0.95	1	1	15.626062
HL93_str_opr	BOBJ1	286.88	After	Left Exterior Girder	28.2	0.95	1	1	24.889217
HL93_str_opr	BOBJ1	286.88	After	Interior Girder 1	28.2	0.95	1	1	12.79322
HL93_str_opr	BOBJ1	286.88	After	Interior Girder 2	28.2	0.95	1	1	11.550224
HL93_str_opr	BOBJ1	286.88	After	Interior Girder 3	28.2	0.95	1	1	9.959483
HL93_str_opr	BOBJ1	286.88	After	Interior Girder 4	28.2	0.95	1	1	9.959483
HL93_str_opr	BOBJ1	286.88	After	Interior Girder 5	28.2	0.95	1	1	11.550224
HL93_str_opr	BOBJ1	286.88	After	Interior Girder 6	28.2	0.95	1	1	12.79322
HL93_str_opr	BOBJ1	286.88	After	Right Exterior Girder	28.2	0.95	1	1	24.889217
HL93_str_opr	BOBJ1	296.28	Before	Left Exterior Girder	37.6	0.95	1	1	25.312048
HL93_str_opr	BOBJ1	296.28	Before	Interior Girder 1	37.6	0.95	1	1	12.489655
HL93_str_opr	BOBJ1	296.28	Before	Interior Girder 2	37.6	0.95	1	1	11.275161
HL93_str_opr	BOBJ1	296.28	Before	Interior Girder 3	37.6	0.95	1	1	9.722093
HL93_str_opr	BOBJ1	296.28	Before	Interior Girder 4	37.6	0.95	1	1	9.722093
HL93_str_opr	BOBJ1	296.28	Before	Interior Girder 5	37.6	0.95	1	1	11.275161
HL93_str_opr	BOBJ1	296.28	Before	Interior Girder 6	37.6	0.95	1	1	12.489655
HL93_str_opr	BOBJ1	296.28	Before	Right Exterior Girder	37.6	0.95	1	1	25.312048
HL93_str_opr	BOBJ1	296.28	After	Left Exterior Girder	37.6	0.95	1	1	12.619097
HL93_str_opr	BOBJ1	296.28	After	Interior Girder 1	37.6	0.95	1	1	11.102452
HL93_str_opr	BOBJ1	296.28	After	Interior Girder 2	37.6	0.95	1	1	9.965499
HL93_str_opr	BOBJ1	296.28	After	Interior Girder 3	37.6	0.95	1	1	9.772527
HL93_str_opr	BOBJ1	296.28	After	Interior Girder 4	37.6	0.95	1	1	9.772527
HL93_str_opr	BOBJ1	296.28	After	Interior Girder 5	37.6	0.95	1	1	9.965499
HL93_str_opr	BOBJ1	296.28	After	Interior Girder 6	37.6	0.95	1	1	11.102452
HL93_str_opr	BOBJ1	296.28	After	Right Exterior Girder	37.6	0.95	1	1	12.619097
HL93_str_opr	BOBJ1	305.69	Before	Left Exterior Girder	47.01	0.95	1	1	12.403125
HL93_str_opr	BOBJ1	305.69	Before	Interior Girder 1	47.01	0.95	1	1	10.827196
HL93_str_opr	BOBJ1	305.69	Before	Interior Girder 2	47.01	0.95	1	1	9.719861

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Approach, Span 7-11									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
HL93_str_opr	BOBJ1	305.69	Before	Interior Girder 3	47.01	0.95	1	1	9.531137
HL93_str_opr	BOBJ1	305.69	Before	Interior Girder 4	47.01	0.95	1	1	9.531137
HL93_str_opr	BOBJ1	305.69	Before	Interior Girder 5	47.01	0.95	1	1	9.719861
HL93_str_opr	BOBJ1	305.69	Before	Interior Girder 6	47.01	0.95	1	1	10.827196
HL93_str_opr	BOBJ1	305.69	Before	Right Exterior Girder	47.01	0.95	1	1	12.403125
HL93_str_opr	BOBJ1	305.69	After	Left Exterior Girder	47.01	0.95	1	1	9.51324
HL93_str_opr	BOBJ1	305.69	After	Interior Girder 1	47.01	0.95	1	1	6.546616
HL93_str_opr	BOBJ1	305.69	After	Interior Girder 2	47.01	0.95	1	1	6.085809
HL93_str_opr	BOBJ1	305.69	After	Interior Girder 3	47.01	0.95	1	1	5.698278
HL93_str_opr	BOBJ1	305.69	After	Interior Girder 4	47.01	0.95	1	1	5.698278
HL93_str_opr	BOBJ1	305.69	After	Interior Girder 5	47.01	0.95	1	1	6.085809
HL93_str_opr	BOBJ1	305.69	After	Interior Girder 6	47.01	0.95	1	1	6.546616
HL93_str_opr	BOBJ1	305.69	After	Right Exterior Girder	47.01	0.95	1	1	9.51324
HL93_str_opr	BOBJ1	315.1	Before	Left Exterior Girder	56.42	0.95	1	1	9.341816
HL93_str_opr	BOBJ1	315.1	Before	Interior Girder 1	56.42	0.95	1	1	6.379048
HL93_str_opr	BOBJ1	315.1	Before	Interior Girder 2	56.42	0.95	1	1	5.930597
HL93_str_opr	BOBJ1	315.1	Before	Interior Girder 3	56.42	0.95	1	1	5.552454
HL93_str_opr	BOBJ1	315.1	Before	Interior Girder 4	56.42	0.95	1	1	5.552454
HL93_str_opr	BOBJ1	315.1	Before	Interior Girder 5	56.42	0.95	1	1	5.930597
HL93_str_opr	BOBJ1	315.1	Before	Interior Girder 6	56.42	0.95	1	1	6.379048
HL93_str_opr	BOBJ1	315.1	Before	Right Exterior Girder	56.42	0.95	1	1	9.341816
HL93_str_inv	BOBJ1	0	After	Left Exterior Girder	0	0.95	1	1	7.211573
HL93_str_inv	BOBJ1	0	After	Interior Girder 1	0	0.95	1	1	4.919644
HL93_str_inv	BOBJ1	0	After	Interior Girder 2	0	0.95	1	1	4.575581
HL93_str_inv	BOBJ1	0	After	Interior Girder 3	0	0.95	1	1	4.28277
HL93_str_inv	BOBJ1	0	After	Interior Girder 4	0	0.95	1	1	4.28277
HL93_str_inv	BOBJ1	0	After	Interior Girder 5	0	0.95	1	1	4.575581
HL93_str_inv	BOBJ1	0	After	Interior Girder 6	0	0.95	1	1	4.919644
HL93_str_inv	BOBJ1	0	After	Right Exterior Girder	0	0.95	1	1	7.211573
HL93_str_inv	BOBJ1	9.4	Before	Left Exterior Girder	9.4	0.95	1	1	7.343598
HL93_str_inv	BOBJ1	9.4	Before	Interior Girder 1	9.4	0.95	1	1	5.048758
HL93_str_inv	BOBJ1	9.4	Before	Interior Girder 2	9.4	0.95	1	1	4.695184
HL93_str_inv	BOBJ1	9.4	Before	Interior Girder 3	9.4	0.95	1	1	4.395078
HL93_str_inv	BOBJ1	9.4	Before	Interior Girder 4	9.4	0.95	1	1	4.395078
HL93_str_inv	BOBJ1	9.4	Before	Interior Girder 5	9.4	0.95	1	1	4.695184
HL93_str_inv	BOBJ1	9.4	Before	Interior Girder 6	9.4	0.95	1	1	5.048758
HL93_str_inv	BOBJ1	9.4	Before	Right Exterior Girder	9.4	0.95	1	1	7.343598
HL93_str_inv	BOBJ1	9.4	After	Left Exterior Girder	9.4	0.95	1	1	9.567111
HL93_str_inv	BOBJ1	9.4	After	Interior Girder 1	9.4	0.95	1	1	8.34703
HL93_str_inv	BOBJ1	9.4	After	Interior Girder 2	9.4	0.95	1	1	7.49394
HL93_str_inv	BOBJ1	9.4	After	Interior Girder 3	9.4	0.95	1	1	7.346196
HL93_str_inv	BOBJ1	9.4	After	Interior Girder 4	9.4	0.95	1	1	7.346196
HL93_str_inv	BOBJ1	9.4	After	Interior Girder 5	9.4	0.95	1	1	7.49394
HL93_str_inv	BOBJ1	9.4	After	Interior Girder 6	9.4	0.95	1	1	8.34703
HL93_str_inv	BOBJ1	9.4	After	Right Exterior Girder	9.4	0.95	1	1	9.567111
HL93_str_inv	BOBJ1	18.8	Before	Left Exterior Girder	18.8	0.95	1	1	9.733342
HL93_str_inv	BOBJ1	18.8	Before	Interior Girder 1	18.8	0.95	1	1	8.559026
HL93_str_inv	BOBJ1	18.8	Before	Interior Girder 2	18.8	0.95	1	1	7.6831
HL93_str_inv	BOBJ1	18.8	Before	Interior Girder 3	18.8	0.95	1	1	7.531985
HL93_str_inv	BOBJ1	18.8	Before	Interior Girder 4	18.8	0.95	1	1	7.531985
HL93_str_inv	BOBJ1	18.8	Before	Interior Girder 5	18.8	0.95	1	1	7.6831
HL93_str_inv	BOBJ1	18.8	Before	Interior Girder 6	18.8	0.95	1	1	8.559026
HL93_str_inv	BOBJ1	18.8	Before	Right Exterior Girder	18.8	0.95	1	1	9.733342
HL93_str_inv	BOBJ1	18.8	After	Left Exterior Girder	18.8	0.95	1	1	19.563249
HL93_str_inv	BOBJ1	18.8	After	Interior Girder 1	18.8	0.95	1	1	9.634275
HL93_str_inv	BOBJ1	18.8	After	Interior Girder 2	18.8	0.95	1	1	8.696085
HL93_str_inv	BOBJ1	18.8	After	Interior Girder 3	18.8	0.95	1	1	7.496107
HL93_str_inv	BOBJ1	18.8	After	Interior Girder 4	18.8	0.95	1	1	7.496107
HL93_str_inv	BOBJ1	18.8	After	Interior Girder 5	18.8	0.95	1	1	8.696085
HL93_str_inv	BOBJ1	18.8	After	Interior Girder 6	18.8	0.95	1	1	9.634275
HL93_str_inv	BOBJ1	18.8	After	Right Exterior Girder	18.8	0.95	1	1	19.563249
HL93_str_inv	BOBJ1	28.2	Before	Left Exterior Girder	28.2	0.95	1	1	19.236265
HL93_str_inv	BOBJ1	28.2	Before	Interior Girder 1	28.2	0.95	1	1	9.868339
HL93_str_inv	BOBJ1	28.2	Before	Interior Girder 2	28.2	0.95	1	1	8.908183
HL93_str_inv	BOBJ1	28.2	Before	Interior Girder 3	28.2	0.95	1	1	7.679121

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Approach, Span 7-11									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
HL93_str_inv	BOBJ1	28.2	Before	Interior Girder 4	28.2	0.95	1	1	7.679121
HL93_str_inv	BOBJ1	28.2	Before	Interior Girder 5	28.2	0.95	1	1	8.908183
HL93_str_inv	BOBJ1	28.2	Before	Interior Girder 6	28.2	0.95	1	1	9.868339
HL93_str_inv	BOBJ1	28.2	Before	Right Exterior Girder	28.2	0.95	1	1	19.236265
HL93_str_inv	BOBJ1	28.2	After	Left Exterior Girder	28.2	0.95	1	1	12.066551
HL93_str_inv	BOBJ1	28.2	After	Interior Girder 1	28.2	0.95	1	1	6.759367
HL93_str_inv	BOBJ1	28.2	After	Interior Girder 2	28.2	0.95	1	1	6.287045
HL93_str_inv	BOBJ1	28.2	After	Interior Girder 3	28.2	0.95	1	1	5.539255
HL93_str_inv	BOBJ1	28.2	After	Interior Girder 4	28.2	0.95	1	1	5.539255
HL93_str_inv	BOBJ1	28.2	After	Interior Girder 5	28.2	0.95	1	1	6.287045
HL93_str_inv	BOBJ1	28.2	After	Interior Girder 6	28.2	0.95	1	1	6.759367
HL93_str_inv	BOBJ1	28.2	After	Right Exterior Girder	28.2	0.95	1	1	12.066551
HL93_str_inv	BOBJ1	37.6	Before	Left Exterior Girder	37.6	0.95	1	1	11.854612
HL93_str_inv	BOBJ1	37.6	Before	Interior Girder 1	37.6	0.95	1	1	6.589892
HL93_str_inv	BOBJ1	37.6	Before	Interior Girder 2	37.6	0.95	1	1	6.129652
HL93_str_inv	BOBJ1	37.6	Before	Interior Girder 3	37.6	0.95	1	1	5.400762
HL93_str_inv	BOBJ1	37.6	Before	Interior Girder 4	37.6	0.95	1	1	5.400762
HL93_str_inv	BOBJ1	37.6	Before	Interior Girder 5	37.6	0.95	1	1	6.129652
HL93_str_inv	BOBJ1	37.6	Before	Interior Girder 6	37.6	0.95	1	1	6.589892
HL93_str_inv	BOBJ1	37.6	Before	Right Exterior Girder	37.6	0.95	1	1	11.854612
HL93_str_inv	BOBJ1	37.6	After	Left Exterior Girder	37.6	0.95	1	1	6.360428
HL93_str_inv	BOBJ1	37.6	After	Interior Girder 1	37.6	0.95	1	1	5.629051
HL93_str_inv	BOBJ1	37.6	After	Interior Girder 2	37.6	0.95	1	1	5.081336
HL93_str_inv	BOBJ1	37.6	After	Interior Girder 3	37.6	0.95	1	1	4.702047
HL93_str_inv	BOBJ1	37.6	After	Interior Girder 4	37.6	0.95	1	1	4.702047
HL93_str_inv	BOBJ1	37.6	After	Interior Girder 5	37.6	0.95	1	1	5.081336
HL93_str_inv	BOBJ1	37.6	After	Interior Girder 6	37.6	0.95	1	1	5.629051
HL93_str_inv	BOBJ1	37.6	After	Right Exterior Girder	37.6	0.95	1	1	6.360428
HL93_str_inv	BOBJ1	47.01	Before	Left Exterior Girder	47.01	0.95	1	1	6.242644
HL93_str_inv	BOBJ1	47.01	Before	Interior Girder 1	47.01	0.95	1	1	5.482361
HL93_str_inv	BOBJ1	47.01	Before	Interior Girder 2	47.01	0.95	1	1	4.950262
HL93_str_inv	BOBJ1	47.01	Before	Interior Girder 3	47.01	0.95	1	1	4.579183
HL93_str_inv	BOBJ1	47.01	Before	Interior Girder 4	47.01	0.95	1	1	4.579183
HL93_str_inv	BOBJ1	47.01	Before	Interior Girder 5	47.01	0.95	1	1	4.950262
HL93_str_inv	BOBJ1	47.01	Before	Interior Girder 6	47.01	0.95	1	1	5.482361
HL93_str_inv	BOBJ1	47.01	Before	Right Exterior Girder	47.01	0.95	1	1	6.242644
HL93_str_inv	BOBJ1	47.01	After	Left Exterior Girder	47.01	0.95	1	1	5.062797
HL93_str_inv	BOBJ1	47.01	After	Interior Girder 1	47.01	0.95	1	1	3.930606
HL93_str_inv	BOBJ1	47.01	After	Interior Girder 2	47.01	0.95	1	1	3.522605
HL93_str_inv	BOBJ1	47.01	After	Interior Girder 3	47.01	0.95	1	1	3.027562
HL93_str_inv	BOBJ1	47.01	After	Interior Girder 4	47.01	0.95	1	1	3.027562
HL93_str_inv	BOBJ1	47.01	After	Interior Girder 5	47.01	0.95	1	1	3.522605
HL93_str_inv	BOBJ1	47.01	After	Interior Girder 6	47.01	0.95	1	1	3.930606
HL93_str_inv	BOBJ1	47.01	After	Right Exterior Girder	47.01	0.95	1	1	5.062797
HL93_str_inv	BOBJ1	49.42	Before	Left Exterior Girder	49.42	0.95	1	1	5.03738
HL93_str_inv	BOBJ1	49.42	Before	Right Exterior Girder	49.42	0.95	1	1	5.03738
HL93_str_inv	BOBJ1	49.42	After	Left Exterior Girder	49.42	0.95	1	1	4.461105
HL93_str_inv	BOBJ1	49.42	After	Right Exterior Girder	49.42	0.95	1	1	4.461105
HL93_str_inv	BOBJ1	51.92	Before	Interior Girder 1	51.92	0.95	1	1	3.634223
HL93_str_inv	BOBJ1	51.92	Before	Interior Girder 2	51.92	0.95	1	1	3.47367
HL93_str_inv	BOBJ1	51.92	Before	Interior Girder 3	51.92	0.95	1	1	2.984762
HL93_str_inv	BOBJ1	51.92	Before	Interior Girder 4	51.92	0.95	1	1	2.984762
HL93_str_inv	BOBJ1	51.92	Before	Interior Girder 5	51.92	0.95	1	1	3.47367
HL93_str_inv	BOBJ1	51.92	Before	Interior Girder 6	51.92	0.95	1	1	3.634223
HL93_str_inv	BOBJ1	51.92	After	Interior Girder 1	51.92	0.95	1	1	3.163919
HL93_str_inv	BOBJ1	51.92	After	Interior Girder 2	51.92	0.95	1	1	2.994347
HL93_str_inv	BOBJ1	51.92	After	Interior Girder 3	51.92	0.95	1	1	2.43697
HL93_str_inv	BOBJ1	51.92	After	Interior Girder 4	51.92	0.95	1	1	2.43697
HL93_str_inv	BOBJ1	51.92	After	Interior Girder 5	51.92	0.95	1	1	2.994347
HL93_str_inv	BOBJ1	51.92	After	Interior Girder 6	51.92	0.95	1	1	3.163919
HL93_str_inv	BOBJ1	56.42	Before	Left Exterior Girder	56.42	0.95	1	1	5.23814
HL93_str_inv	BOBJ1	56.42	Before	Interior Girder 1	56.42	0.95	1	1	3.121594
HL93_str_inv	BOBJ1	56.42	Before	Interior Girder 2	56.42	0.95	1	1	2.954679
HL93_str_inv	BOBJ1	56.42	Before	Interior Girder 3	56.42	0.95	1	1	2.403946
HL93_str_inv	BOBJ1	56.42	Before	Interior Girder 4	56.42	0.95	1	1	2.403946

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Approach, Span 7-11									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
HL93_str_inv	BOBJ1	56.42	Before	Interior Girder 5	56.42	0.95	1	1	2.954679
HL93_str_inv	BOBJ1	56.42	Before	Interior Girder 6	56.42	0.95	1	1	3.121594
HL93_str_inv	BOBJ1	56.42	Before	Right Exterior Girder	56.42	0.95	1	1	5.23814
HL93_str_inv	BOBJ1	56.42	After	Left Exterior Girder	0	0.95	1	1	4.936351
HL93_str_inv	BOBJ1	56.42	After	Interior Girder 1	0	0.95	1	1	3.143062
HL93_str_inv	BOBJ1	56.42	After	Interior Girder 2	0	0.95	1	1	2.984051
HL93_str_inv	BOBJ1	56.42	After	Interior Girder 3	0	0.95	1	1	2.435838
HL93_str_inv	BOBJ1	56.42	After	Interior Girder 4	0	0.95	1	1	2.435838
HL93_str_inv	BOBJ1	56.42	After	Interior Girder 5	0	0.95	1	1	2.984051
HL93_str_inv	BOBJ1	56.42	After	Interior Girder 6	0	0.95	1	1	3.143062
HL93_str_inv	BOBJ1	56.42	After	Right Exterior Girder	0	0.95	1	1	4.936351
HL93_str_inv	BOBJ1	60.92	Before	Interior Girder 1	4.5	0.95	1	1	3.185407
HL93_str_inv	BOBJ1	60.92	Before	Interior Girder 2	4.5	0.95	1	1	3.023854
HL93_str_inv	BOBJ1	60.92	Before	Interior Girder 3	4.5	0.95	1	1	2.469151
HL93_str_inv	BOBJ1	60.92	Before	Interior Girder 4	4.5	0.95	1	1	2.469151
HL93_str_inv	BOBJ1	60.92	Before	Interior Girder 5	4.5	0.95	1	1	3.023854
HL93_str_inv	BOBJ1	60.92	Before	Interior Girder 6	4.5	0.95	1	1	3.185407
HL93_str_inv	BOBJ1	60.92	After	Interior Girder 1	4.5	0.95	1	1	3.533544
HL93_str_inv	BOBJ1	60.92	After	Interior Girder 2	4.5	0.95	1	1	3.405285
HL93_str_inv	BOBJ1	60.92	After	Interior Girder 3	4.5	0.95	1	1	2.92485
HL93_str_inv	BOBJ1	60.92	After	Interior Girder 4	4.5	0.95	1	1	2.92485
HL93_str_inv	BOBJ1	60.92	After	Interior Girder 5	4.5	0.95	1	1	3.405285
HL93_str_inv	BOBJ1	60.92	After	Interior Girder 6	4.5	0.95	1	1	3.533544
HL93_str_inv	BOBJ1	63.42	Before	Left Exterior Girder	7	0.95	1	1	4.099125
HL93_str_inv	BOBJ1	63.42	Before	Right Exterior Girder	7	0.95	1	1	4.099125
HL93_str_inv	BOBJ1	63.42	After	Left Exterior Girder	7	0.95	1	1	4.461905
HL93_str_inv	BOBJ1	63.42	After	Right Exterior Girder	7	0.95	1	1	4.461905
HL93_str_inv	BOBJ1	64.845	Before	Left Exterior Girder	8.425	0.95	1	1	4.475187
HL93_str_inv	BOBJ1	64.845	Before	Interior Girder 1	8.425	0.95	1	1	3.923711
HL93_str_inv	BOBJ1	64.845	Before	Interior Girder 2	8.425	0.95	1	1	3.4434
HL93_str_inv	BOBJ1	64.845	Before	Interior Girder 3	8.425	0.95	1	1	2.958257
HL93_str_inv	BOBJ1	64.845	Before	Interior Girder 4	8.425	0.95	1	1	2.958257
HL93_str_inv	BOBJ1	64.845	Before	Interior Girder 5	8.425	0.95	1	1	3.4434
HL93_str_inv	BOBJ1	64.845	Before	Interior Girder 6	8.425	0.95	1	1	3.923711
HL93_str_inv	BOBJ1	64.845	Before	Right Exterior Girder	8.425	0.95	1	1	4.475187
HL93_str_inv	BOBJ1	64.845	After	Left Exterior Girder	8.425	0.95	1	1	5.393197
HL93_str_inv	BOBJ1	64.845	After	Interior Girder 1	8.425	0.95	1	1	4.417973
HL93_str_inv	BOBJ1	64.845	After	Interior Girder 2	8.425	0.95	1	1	4.103388
HL93_str_inv	BOBJ1	64.845	After	Interior Girder 3	8.425	0.95	1	1	3.683668
HL93_str_inv	BOBJ1	64.845	After	Interior Girder 4	8.425	0.95	1	1	3.683668
HL93_str_inv	BOBJ1	64.845	After	Interior Girder 5	8.425	0.95	1	1	4.103388
HL93_str_inv	BOBJ1	64.845	After	Interior Girder 6	8.425	0.95	1	1	4.417973
HL93_str_inv	BOBJ1	64.845	After	Right Exterior Girder	8.425	0.95	1	1	5.393197
HL93_str_inv	BOBJ1	69.92	Before	Left Exterior Girder	13.5	0.95	1	1	5.448442
HL93_str_inv	BOBJ1	69.92	Before	Interior Girder 1	13.5	0.95	1	1	4.481634
HL93_str_inv	BOBJ1	69.92	Before	Interior Girder 2	13.5	0.95	1	1	4.16192
HL93_str_inv	BOBJ1	69.92	Before	Interior Girder 3	13.5	0.95	1	1	3.73712
HL93_str_inv	BOBJ1	69.92	Before	Interior Girder 4	13.5	0.95	1	1	3.73712
HL93_str_inv	BOBJ1	69.92	Before	Interior Girder 5	13.5	0.95	1	1	4.16192
HL93_str_inv	BOBJ1	69.92	Before	Interior Girder 6	13.5	0.95	1	1	4.481634
HL93_str_inv	BOBJ1	69.92	Before	Right Exterior Girder	13.5	0.95	1	1	5.448442
HL93_str_inv	BOBJ1	69.92	After	Left Exterior Girder	13.5	0.95	1	1	5.177022
HL93_str_inv	BOBJ1	69.92	After	Interior Girder 1	13.5	0.95	1	1	4.868268
HL93_str_inv	BOBJ1	69.92	After	Interior Girder 2	13.5	0.95	1	1	4.471137
HL93_str_inv	BOBJ1	69.92	After	Interior Girder 3	13.5	0.95	1	1	4.093946
HL93_str_inv	BOBJ1	69.92	After	Interior Girder 4	13.5	0.95	1	1	4.093946
HL93_str_inv	BOBJ1	69.92	After	Interior Girder 5	13.5	0.95	1	1	4.471137
HL93_str_inv	BOBJ1	69.92	After	Interior Girder 6	13.5	0.95	1	1	4.868268
HL93_str_inv	BOBJ1	69.92	After	Right Exterior Girder	13.5	0.95	1	1	5.177022
HL93_str_inv	BOBJ1	73.27	Before	Left Exterior Girder	16.85	0.95	1	1	5.214186
HL93_str_inv	BOBJ1	73.27	Before	Interior Girder 1	16.85	0.95	1	1	4.915473
HL93_str_inv	BOBJ1	73.27	Before	Interior Girder 2	16.85	0.95	1	1	4.514024
HL93_str_inv	BOBJ1	73.27	Before	Interior Girder 3	16.85	0.95	1	1	4.133855
HL93_str_inv	BOBJ1	73.27	Before	Interior Girder 4	16.85	0.95	1	1	4.133855
HL93_str_inv	BOBJ1	73.27	Before	Interior Girder 5	16.85	0.95	1	1	4.514024

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Approach, Span 7-11									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
HL93_str_inv	BOBJ1	73.27	Before	Interior Girder 6	16.85	0.95	1	1	4.915473
HL93_str_inv	BOBJ1	73.27	Before	Right Exterior Girder	16.85	0.95	1	1	5.214186
HL93_str_inv	BOBJ1	73.27	After	Left Exterior Girder	16.85	0.95	1	1	8.236803
HL93_str_inv	BOBJ1	73.27	After	Interior Girder 1	16.85	0.95	1	1	5.459796
HL93_str_inv	BOBJ1	73.27	After	Interior Girder 2	16.85	0.95	1	1	5.154469
HL93_str_inv	BOBJ1	73.27	After	Interior Girder 3	16.85	0.95	1	1	4.718559
HL93_str_inv	BOBJ1	73.27	After	Interior Girder 4	16.85	0.95	1	1	4.718559
HL93_str_inv	BOBJ1	73.27	After	Interior Girder 5	16.85	0.95	1	1	5.154469
HL93_str_inv	BOBJ1	73.27	After	Interior Girder 6	16.85	0.95	1	1	5.459796
HL93_str_inv	BOBJ1	73.27	After	Right Exterior Girder	16.85	0.95	1	1	8.236803
HL93_str_inv	BOBJ1	81.695	Before	Left Exterior Girder	25.275	0.95	1	1	8.380534
HL93_str_inv	BOBJ1	81.695	Before	Interior Girder 1	25.275	0.95	1	1	5.590734
HL93_str_inv	BOBJ1	81.695	Before	Interior Girder 2	25.275	0.95	1	1	5.277775
HL93_str_inv	BOBJ1	81.695	Before	Interior Girder 3	25.275	0.95	1	1	4.83136
HL93_str_inv	BOBJ1	81.695	Before	Interior Girder 4	25.275	0.95	1	1	4.83136
HL93_str_inv	BOBJ1	81.695	Before	Interior Girder 5	25.275	0.95	1	1	5.277775
HL93_str_inv	BOBJ1	81.695	Before	Interior Girder 6	25.275	0.95	1	1	5.590734
HL93_str_inv	BOBJ1	81.695	Before	Right Exterior Girder	25.275	0.95	1	1	8.380534
HL93_str_inv	BOBJ1	81.695	After	Left Exterior Girder	25.275	0.95	1	1	10.715422
HL93_str_inv	BOBJ1	81.695	After	Interior Girder 1	25.275	0.95	1	1	8.691686
HL93_str_inv	BOBJ1	81.695	After	Interior Girder 2	25.275	0.95	1	1	7.92478
HL93_str_inv	BOBJ1	81.695	After	Interior Girder 3	25.275	0.95	1	1	7.655321
HL93_str_inv	BOBJ1	81.695	After	Interior Girder 4	25.275	0.95	1	1	7.655321
HL93_str_inv	BOBJ1	81.695	After	Interior Girder 5	25.275	0.95	1	1	7.92478
HL93_str_inv	BOBJ1	81.695	After	Interior Girder 6	25.275	0.95	1	1	8.691686
HL93_str_inv	BOBJ1	81.695	After	Right Exterior Girder	25.275	0.95	1	1	10.715422
HL93_str_inv	BOBJ1	90.12	Before	Left Exterior Girder	33.7	0.95	1	1	10.893187
HL93_str_inv	BOBJ1	90.12	Before	Interior Girder 1	33.7	0.95	1	1	8.893867
HL93_str_inv	BOBJ1	90.12	Before	Interior Girder 2	33.7	0.95	1	1	8.108254
HL93_str_inv	BOBJ1	90.12	Before	Interior Girder 3	33.7	0.95	1	1	7.487586
HL93_str_inv	BOBJ1	90.12	Before	Interior Girder 4	33.7	0.95	1	1	7.487586
HL93_str_inv	BOBJ1	90.12	Before	Interior Girder 5	33.7	0.95	1	1	8.108254
HL93_str_inv	BOBJ1	90.12	Before	Interior Girder 6	33.7	0.95	1	1	8.893867
HL93_str_inv	BOBJ1	90.12	Before	Right Exterior Girder	33.7	0.95	1	1	10.893187
HL93_str_inv	BOBJ1	90.12	After	Left Exterior Girder	33.7	0.95	1	1	11.39947
HL93_str_inv	BOBJ1	90.12	After	Interior Girder 1	33.7	0.95	1	1	9.081411
HL93_str_inv	BOBJ1	90.12	After	Interior Girder 2	33.7	0.95	1	1	8.229207
HL93_str_inv	BOBJ1	90.12	After	Interior Girder 3	33.7	0.95	1	1	7.390044
HL93_str_inv	BOBJ1	90.12	After	Interior Girder 4	33.7	0.95	1	1	7.390044
HL93_str_inv	BOBJ1	90.12	After	Interior Girder 5	33.7	0.95	1	1	8.229207
HL93_str_inv	BOBJ1	90.12	After	Interior Girder 6	33.7	0.95	1	1	9.081411
HL93_str_inv	BOBJ1	90.12	After	Right Exterior Girder	33.7	0.95	1	1	11.39947
HL93_str_inv	BOBJ1	98.545	Before	Left Exterior Girder	42.125	0.95	1	1	11.21402
HL93_str_inv	BOBJ1	98.545	Before	Interior Girder 1	42.125	0.95	1	1	8.875255
HL93_str_inv	BOBJ1	98.545	Before	Interior Girder 2	42.125	0.95	1	1	8.043133
HL93_str_inv	BOBJ1	98.545	Before	Interior Girder 3	42.125	0.95	1	1	7.555704
HL93_str_inv	BOBJ1	98.545	Before	Interior Girder 4	42.125	0.95	1	1	7.555704
HL93_str_inv	BOBJ1	98.545	Before	Interior Girder 5	42.125	0.95	1	1	8.043133
HL93_str_inv	BOBJ1	98.545	Before	Interior Girder 6	42.125	0.95	1	1	8.875255
HL93_str_inv	BOBJ1	98.545	Before	Right Exterior Girder	42.125	0.95	1	1	11.21402
HL93_str_inv	BOBJ1	98.545	After	Left Exterior Girder	42.125	0.95	1	1	8.73062
HL93_str_inv	BOBJ1	98.545	After	Interior Girder 1	42.125	0.95	1	1	5.682842
HL93_str_inv	BOBJ1	98.545	After	Interior Girder 2	42.125	0.95	1	1	5.341735
HL93_str_inv	BOBJ1	98.545	After	Interior Girder 3	42.125	0.95	1	1	4.871389
HL93_str_inv	BOBJ1	98.545	After	Interior Girder 4	42.125	0.95	1	1	4.871389
HL93_str_inv	BOBJ1	98.545	After	Interior Girder 5	42.125	0.95	1	1	5.341735
HL93_str_inv	BOBJ1	98.545	After	Interior Girder 6	42.125	0.95	1	1	5.682842
HL93_str_inv	BOBJ1	98.545	After	Right Exterior Girder	42.125	0.95	1	1	8.73062
HL93_str_inv	BOBJ1	106.97	Before	Left Exterior Girder	50.55	0.95	1	1	8.581385
HL93_str_inv	BOBJ1	106.97	Before	Interior Girder 1	50.55	0.95	1	1	5.549926
HL93_str_inv	BOBJ1	106.97	Before	Interior Girder 2	50.55	0.95	1	1	5.217026
HL93_str_inv	BOBJ1	106.97	Before	Interior Girder 3	50.55	0.95	1	1	4.757738
HL93_str_inv	BOBJ1	106.97	Before	Interior Girder 4	50.55	0.95	1	1	4.757738
HL93_str_inv	BOBJ1	106.97	Before	Interior Girder 5	50.55	0.95	1	1	5.217026
HL93_str_inv	BOBJ1	106.97	Before	Interior Girder 6	50.55	0.95	1	1	5.549926

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Approach, Span 7-11									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
HL93_str_inv	BOBJ1	106.97	Before	Right Exterior Girder	50.55	0.95	1	1	8.581385
HL93_str_inv	BOBJ1	106.97	After	Left Exterior Girder	50.55	0.95	1	1	5.222156
HL93_str_inv	BOBJ1	106.97	After	Interior Girder 1	50.55	0.95	1	1	4.942399
HL93_str_inv	BOBJ1	106.97	After	Interior Girder 2	50.55	0.95	1	1	4.570449
HL93_str_inv	BOBJ1	106.97	After	Interior Girder 3	50.55	0.95	1	1	4.198976
HL93_str_inv	BOBJ1	106.97	After	Interior Girder 4	50.55	0.95	1	1	4.198976
HL93_str_inv	BOBJ1	106.97	After	Interior Girder 5	50.55	0.95	1	1	4.570449
HL93_str_inv	BOBJ1	106.97	After	Interior Girder 6	50.55	0.95	1	1	4.942399
HL93_str_inv	BOBJ1	106.97	After	Right Exterior Girder	50.55	0.95	1	1	5.222156
HL93_str_inv	BOBJ1	115.405	Before	Left Exterior Girder	58.985	0.95	1	1	5.127935
HL93_str_inv	BOBJ1	115.405	Before	Interior Girder 1	58.985	0.95	1	1	4.822558
HL93_str_inv	BOBJ1	115.405	Before	Interior Girder 2	58.985	0.95	1	1	4.460887
HL93_str_inv	BOBJ1	115.405	Before	Interior Girder 3	58.985	0.95	1	1	4.096721
HL93_str_inv	BOBJ1	115.405	Before	Interior Girder 4	58.985	0.95	1	1	4.096721
HL93_str_inv	BOBJ1	115.405	Before	Interior Girder 5	58.985	0.95	1	1	4.460887
HL93_str_inv	BOBJ1	115.405	Before	Interior Girder 6	58.985	0.95	1	1	4.822558
HL93_str_inv	BOBJ1	115.405	Before	Right Exterior Girder	58.985	0.95	1	1	5.127935
HL93_str_inv	BOBJ1	115.405	After	Left Exterior Girder	58.985	0.95	1	1	3.368945
HL93_str_inv	BOBJ1	115.405	After	Interior Girder 1	58.985	0.95	1	1	4.353533
HL93_str_inv	BOBJ1	115.405	After	Interior Girder 2	58.985	0.95	1	1	3.309316
HL93_str_inv	BOBJ1	115.405	After	Interior Girder 3	58.985	0.95	1	1	2.835048
HL93_str_inv	BOBJ1	115.405	After	Interior Girder 4	58.985	0.95	1	1	2.835048
HL93_str_inv	BOBJ1	115.405	After	Interior Girder 5	58.985	0.95	1	1	3.309316
HL93_str_inv	BOBJ1	115.405	After	Interior Girder 6	58.985	0.95	1	1	4.353533
HL93_str_inv	BOBJ1	115.405	After	Right Exterior Girder	58.985	0.95	1	1	3.368945
HL93_str_inv	BOBJ1	116.34	Before	Left Exterior Girder	59.92	0.95	1	1	3.361559
HL93_str_inv	BOBJ1	116.34	Before	Right Exterior Girder	59.92	0.95	1	1	3.361559
HL93_str_inv	BOBJ1	116.34	After	Left Exterior Girder	59.92	0.95	1	1	3.067316
HL93_str_inv	BOBJ1	116.34	After	Right Exterior Girder	59.92	0.95	1	1	3.067316
HL93_str_inv	BOBJ1	118.84	Before	Interior Girder 1	62.42	0.95	1	1	3.403708
HL93_str_inv	BOBJ1	118.84	Before	Interior Girder 2	62.42	0.95	1	1	3.276073
HL93_str_inv	BOBJ1	118.84	Before	Interior Girder 3	62.42	0.95	1	1	2.805983
HL93_str_inv	BOBJ1	118.84	Before	Interior Girder 4	62.42	0.95	1	1	2.805983
HL93_str_inv	BOBJ1	118.84	Before	Interior Girder 5	62.42	0.95	1	1	3.276073
HL93_str_inv	BOBJ1	118.84	Before	Interior Girder 6	62.42	0.95	1	1	3.403708
HL93_str_inv	BOBJ1	118.84	After	Interior Girder 1	62.42	0.95	1	1	3.085132
HL93_str_inv	BOBJ1	118.84	After	Interior Girder 2	62.42	0.95	1	1	2.924363
HL93_str_inv	BOBJ1	118.84	After	Interior Girder 3	62.42	0.95	1	1	2.399166
HL93_str_inv	BOBJ1	118.84	After	Interior Girder 4	62.42	0.95	1	1	2.399166
HL93_str_inv	BOBJ1	118.84	After	Interior Girder 5	62.42	0.95	1	1	2.924363
HL93_str_inv	BOBJ1	118.84	After	Interior Girder 6	62.42	0.95	1	1	3.085132
HL93_str_inv	BOBJ1	123.84	Before	Left Exterior Girder	67.42	0.95	1	1	4.413985
HL93_str_inv	BOBJ1	123.84	Before	Interior Girder 1	67.42	0.95	1	1	3.036853
HL93_str_inv	BOBJ1	123.84	Before	Interior Girder 2	67.42	0.95	1	1	2.879104
HL93_str_inv	BOBJ1	123.84	Before	Interior Girder 3	67.42	0.95	1	1	2.361105
HL93_str_inv	BOBJ1	123.84	Before	Interior Girder 4	67.42	0.95	1	1	2.361105
HL93_str_inv	BOBJ1	123.84	Before	Interior Girder 5	67.42	0.95	1	1	2.879104
HL93_str_inv	BOBJ1	123.84	Before	Interior Girder 6	67.42	0.95	1	1	3.036853
HL93_str_inv	BOBJ1	123.84	Before	Right Exterior Girder	67.42	0.95	1	1	4.413985
HL93_str_inv	BOBJ1	123.84	After	Left Exterior Girder	0	0.95	1	1	4.351177
HL93_str_inv	BOBJ1	123.84	After	Interior Girder 1	0	0.95	1	1	3.019121
HL93_str_inv	BOBJ1	123.84	After	Interior Girder 2	0	0.95	1	1	2.865593
HL93_str_inv	BOBJ1	123.84	After	Interior Girder 3	0	0.95	1	1	2.354667
HL93_str_inv	BOBJ1	123.84	After	Interior Girder 4	0	0.95	1	1	2.354667
HL93_str_inv	BOBJ1	123.84	After	Interior Girder 5	0	0.95	1	1	2.865593
HL93_str_inv	BOBJ1	123.84	After	Interior Girder 6	0	0.95	1	1	3.019121
HL93_str_inv	BOBJ1	123.84	After	Right Exterior Girder	0	0.95	1	1	4.351177
HL93_str_inv	BOBJ1	128.84	Before	Interior Girder 1	5	0.95	1	1	3.067161
HL93_str_inv	BOBJ1	128.84	Before	Interior Girder 2	5	0.95	1	1	2.910669
HL93_str_inv	BOBJ1	128.84	Before	Interior Girder 3	5	0.95	1	1	2.392647
HL93_str_inv	BOBJ1	128.84	Before	Interior Girder 4	5	0.95	1	1	2.392647
HL93_str_inv	BOBJ1	128.84	Before	Interior Girder 5	5	0.95	1	1	2.910669
HL93_str_inv	BOBJ1	128.84	Before	Interior Girder 6	5	0.95	1	1	3.067161
HL93_str_inv	BOBJ1	128.84	After	Interior Girder 1	5	0.95	1	1	3.379471
HL93_str_inv	BOBJ1	128.84	After	Interior Girder 2	5	0.95	1	1	3.257668

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Approach, Span 7-11									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
HL93_str_inv	BOBJ1	128.84	After	Interior Girder 3	5	0.95	1	1	2.796034
HL93_str_inv	BOBJ1	128.84	After	Interior Girder 4	5	0.95	1	1	2.796034
HL93_str_inv	BOBJ1	128.84	After	Interior Girder 5	5	0.95	1	1	3.257668
HL93_str_inv	BOBJ1	128.84	After	Interior Girder 6	5	0.95	1	1	3.379471
HL93_str_inv	BOBJ1	131.34	Before	Left Exterior Girder	7.5	0.95	1	1	3.0201
HL93_str_inv	BOBJ1	131.34	Before	Right Exterior Girder	7.5	0.95	1	1	3.0201
HL93_str_inv	BOBJ1	131.34	After	Left Exterior Girder	7.5	0.95	1	1	3.300089
HL93_str_inv	BOBJ1	131.34	After	Right Exterior Girder	7.5	0.95	1	1	3.300089
HL93_str_inv	BOBJ1	132.265	Before	Left Exterior Girder	8.425	0.95	1	1	3.307272
HL93_str_inv	BOBJ1	132.265	Before	Interior Girder 1	8.425	0.95	1	1	4.343191
HL93_str_inv	BOBJ1	132.265	Before	Interior Girder 2	8.425	0.95	1	1	3.29065
HL93_str_inv	BOBJ1	132.265	Before	Interior Girder 3	8.425	0.95	1	1	2.824928
HL93_str_inv	BOBJ1	132.265	Before	Interior Girder 4	8.425	0.95	1	1	2.824928
HL93_str_inv	BOBJ1	132.265	Before	Interior Girder 5	8.425	0.95	1	1	3.29065
HL93_str_inv	BOBJ1	132.265	Before	Interior Girder 6	8.425	0.95	1	1	4.343191
HL93_str_inv	BOBJ1	132.265	Before	Right Exterior Girder	8.425	0.95	1	1	3.307272
HL93_str_inv	BOBJ1	132.265	After	Left Exterior Girder	8.425	0.95	1	1	5.042685
HL93_str_inv	BOBJ1	132.265	After	Interior Girder 1	8.425	0.95	1	1	4.767999
HL93_str_inv	BOBJ1	132.265	After	Interior Girder 2	8.425	0.95	1	1	4.423491
HL93_str_inv	BOBJ1	132.265	After	Interior Girder 3	8.425	0.95	1	1	4.069143
HL93_str_inv	BOBJ1	132.265	After	Interior Girder 4	8.425	0.95	1	1	4.069143
HL93_str_inv	BOBJ1	132.265	After	Interior Girder 5	8.425	0.95	1	1	4.423491
HL93_str_inv	BOBJ1	132.265	After	Interior Girder 6	8.425	0.95	1	1	4.767999
HL93_str_inv	BOBJ1	132.265	After	Right Exterior Girder	8.425	0.95	1	1	5.042685
HL93_str_inv	BOBJ1	140.69	Before	Left Exterior Girder	16.85	0.95	1	1	5.135324
HL93_str_inv	BOBJ1	140.69	Before	Interior Girder 1	16.85	0.95	1	1	4.886453
HL93_str_inv	BOBJ1	140.69	Before	Interior Girder 2	16.85	0.95	1	1	4.532079
HL93_str_inv	BOBJ1	140.69	Before	Interior Girder 3	16.85	0.95	1	1	4.170648
HL93_str_inv	BOBJ1	140.69	Before	Interior Girder 4	16.85	0.95	1	1	4.170648
HL93_str_inv	BOBJ1	140.69	Before	Interior Girder 5	16.85	0.95	1	1	4.532079
HL93_str_inv	BOBJ1	140.69	Before	Interior Girder 6	16.85	0.95	1	1	4.886453
HL93_str_inv	BOBJ1	140.69	Before	Right Exterior Girder	16.85	0.95	1	1	5.135324
HL93_str_inv	BOBJ1	140.69	After	Left Exterior Girder	16.85	0.95	1	1	8.352597
HL93_str_inv	BOBJ1	140.69	After	Interior Girder 1	16.85	0.95	1	1	5.473857
HL93_str_inv	BOBJ1	140.69	After	Interior Girder 2	16.85	0.95	1	1	5.161743
HL93_str_inv	BOBJ1	140.69	After	Interior Girder 3	16.85	0.95	1	1	4.729716
HL93_str_inv	BOBJ1	140.69	After	Interior Girder 4	16.85	0.95	1	1	4.729716
HL93_str_inv	BOBJ1	140.69	After	Interior Girder 5	16.85	0.95	1	1	5.161743
HL93_str_inv	BOBJ1	140.69	After	Interior Girder 6	16.85	0.95	1	1	5.473857
HL93_str_inv	BOBJ1	140.69	After	Right Exterior Girder	16.85	0.95	1	1	8.352597
HL93_str_inv	BOBJ1	149.115	Before	Left Exterior Girder	25.275	0.95	1	1	8.49803
HL93_str_inv	BOBJ1	149.115	Before	Interior Girder 1	25.275	0.95	1	1	5.605083
HL93_str_inv	BOBJ1	149.115	Before	Interior Girder 2	25.275	0.95	1	1	5.28521
HL93_str_inv	BOBJ1	149.115	Before	Interior Girder 3	25.275	0.95	1	1	4.842738
HL93_str_inv	BOBJ1	149.115	Before	Interior Girder 4	25.275	0.95	1	1	4.842738
HL93_str_inv	BOBJ1	149.115	Before	Interior Girder 5	25.275	0.95	1	1	5.28521
HL93_str_inv	BOBJ1	149.115	Before	Interior Girder 6	25.275	0.95	1	1	5.605083
HL93_str_inv	BOBJ1	149.115	Before	Right Exterior Girder	25.275	0.95	1	1	8.49803
HL93_str_inv	BOBJ1	149.115	After	Left Exterior Girder	25.275	0.95	1	1	10.862858
HL93_str_inv	BOBJ1	149.115	After	Interior Girder 1	25.275	0.95	1	1	8.710969
HL93_str_inv	BOBJ1	149.115	After	Interior Girder 2	25.275	0.95	1	1	7.933674
HL93_str_inv	BOBJ1	149.115	After	Interior Girder 3	25.275	0.95	1	1	7.554543
HL93_str_inv	BOBJ1	149.115	After	Interior Girder 4	25.275	0.95	1	1	7.554543
HL93_str_inv	BOBJ1	149.115	After	Interior Girder 5	25.275	0.95	1	1	7.933674
HL93_str_inv	BOBJ1	149.115	After	Interior Girder 6	25.275	0.95	1	1	8.710969
HL93_str_inv	BOBJ1	149.115	After	Right Exterior Girder	25.275	0.95	1	1	10.862858
HL93_str_inv	BOBJ1	157.54	Before	Left Exterior Girder	33.7	0.95	1	1	11.042711
HL93_str_inv	BOBJ1	157.54	Before	Interior Girder 1	33.7	0.95	1	1	8.91351
HL93_str_inv	BOBJ1	157.54	Before	Interior Girder 2	33.7	0.95	1	1	8.117326
HL93_str_inv	BOBJ1	157.54	Before	Interior Girder 3	33.7	0.95	1	1	7.388959
HL93_str_inv	BOBJ1	157.54	Before	Interior Girder 4	33.7	0.95	1	1	7.388959
HL93_str_inv	BOBJ1	157.54	Before	Interior Girder 5	33.7	0.95	1	1	8.117326
HL93_str_inv	BOBJ1	157.54	Before	Interior Girder 6	33.7	0.95	1	1	8.91351
HL93_str_inv	BOBJ1	157.54	Before	Right Exterior Girder	33.7	0.95	1	1	11.042711
HL93_str_inv	BOBJ1	157.54	After	Left Exterior Girder	33.7	0.95	1	1	11.059832

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Approach, Span 7-11									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
HL93_str_inv	BOBJ1	157.54	After	Interior Girder 1	33.7	0.95	1	1	8.919518
HL93_str_inv	BOBJ1	157.54	After	Interior Girder 2	33.7	0.95	1	1	8.122646
HL93_str_inv	BOBJ1	157.54	After	Interior Girder 3	33.7	0.95	1	1	7.384557
HL93_str_inv	BOBJ1	157.54	After	Interior Girder 4	33.7	0.95	1	1	7.384557
HL93_str_inv	BOBJ1	157.54	After	Interior Girder 5	33.7	0.95	1	1	8.122646
HL93_str_inv	BOBJ1	157.54	After	Interior Girder 6	33.7	0.95	1	1	8.919518
HL93_str_inv	BOBJ1	157.54	After	Right Exterior Girder	33.7	0.95	1	1	11.059832
HL93_str_inv	BOBJ1	165.965	Before	Left Exterior Girder	42.125	0.95	1	1	10.879713
HL93_str_inv	BOBJ1	165.965	Before	Interior Girder 1	42.125	0.95	1	1	8.716845
HL93_str_inv	BOBJ1	165.965	Before	Interior Girder 2	42.125	0.95	1	1	7.938877
HL93_str_inv	BOBJ1	165.965	Before	Interior Girder 3	42.125	0.95	1	1	7.550049
HL93_str_inv	BOBJ1	165.965	Before	Interior Girder 4	42.125	0.95	1	1	7.550049
HL93_str_inv	BOBJ1	165.965	Before	Interior Girder 5	42.125	0.95	1	1	7.938877
HL93_str_inv	BOBJ1	165.965	Before	Interior Girder 6	42.125	0.95	1	1	8.716845
HL93_str_inv	BOBJ1	165.965	Before	Right Exterior Girder	42.125	0.95	1	1	10.879713
HL93_str_inv	BOBJ1	165.965	After	Left Exterior Girder	42.125	0.95	1	1	8.509636
HL93_str_inv	BOBJ1	165.965	After	Interior Girder 1	42.125	0.95	1	1	5.607691
HL93_str_inv	BOBJ1	165.965	After	Interior Girder 2	42.125	0.95	1	1	5.287636
HL93_str_inv	BOBJ1	165.965	After	Interior Girder 3	42.125	0.95	1	1	4.845076
HL93_str_inv	BOBJ1	165.965	After	Interior Girder 4	42.125	0.95	1	1	4.845076
HL93_str_inv	BOBJ1	165.965	After	Interior Girder 5	42.125	0.95	1	1	5.287636
HL93_str_inv	BOBJ1	165.965	After	Interior Girder 6	42.125	0.95	1	1	5.607691
HL93_str_inv	BOBJ1	165.965	After	Right Exterior Girder	42.125	0.95	1	1	8.509636
HL93_str_inv	BOBJ1	174.39	Before	Left Exterior Girder	50.55	0.95	1	1	8.364015
HL93_str_inv	BOBJ1	174.39	Before	Interior Girder 1	50.55	0.95	1	1	5.476406
HL93_str_inv	BOBJ1	174.39	Before	Interior Girder 2	50.55	0.95	1	1	5.164115
HL93_str_inv	BOBJ1	174.39	Before	Interior Girder 3	50.55	0.95	1	1	4.732006
HL93_str_inv	BOBJ1	174.39	Before	Interior Girder 4	50.55	0.95	1	1	4.732006
HL93_str_inv	BOBJ1	174.39	Before	Interior Girder 5	50.55	0.95	1	1	5.164115
HL93_str_inv	BOBJ1	174.39	Before	Interior Girder 6	50.55	0.95	1	1	5.476406
HL93_str_inv	BOBJ1	174.39	Before	Right Exterior Girder	50.55	0.95	1	1	8.364015
HL93_str_inv	BOBJ1	174.39	After	Left Exterior Girder	50.55	0.95	1	1	5.140399
HL93_str_inv	BOBJ1	174.39	After	Interior Girder 1	50.55	0.95	1	1	4.888132
HL93_str_inv	BOBJ1	174.39	After	Interior Girder 2	50.55	0.95	1	1	4.532771
HL93_str_inv	BOBJ1	174.39	After	Interior Girder 3	50.55	0.95	1	1	4.174693
HL93_str_inv	BOBJ1	174.39	After	Interior Girder 4	50.55	0.95	1	1	4.174693
HL93_str_inv	BOBJ1	174.39	After	Interior Girder 5	50.55	0.95	1	1	4.532771
HL93_str_inv	BOBJ1	174.39	After	Interior Girder 6	50.55	0.95	1	1	4.888132
HL93_str_inv	BOBJ1	174.39	After	Right Exterior Girder	50.55	0.95	1	1	5.140399
HL93_str_inv	BOBJ1	182.825	Before	Left Exterior Girder	58.985	0.95	1	1	5.047569
HL93_str_inv	BOBJ1	182.825	Before	Interior Girder 1	58.985	0.95	1	1	4.769491
HL93_str_inv	BOBJ1	182.825	Before	Interior Girder 2	58.985	0.95	1	1	4.424032
HL93_str_inv	BOBJ1	182.825	Before	Interior Girder 3	58.985	0.95	1	1	4.072981
HL93_str_inv	BOBJ1	182.825	Before	Interior Girder 4	58.985	0.95	1	1	4.072981
HL93_str_inv	BOBJ1	182.825	Before	Interior Girder 5	58.985	0.95	1	1	4.424032
HL93_str_inv	BOBJ1	182.825	Before	Interior Girder 6	58.985	0.95	1	1	4.769491
HL93_str_inv	BOBJ1	182.825	Before	Right Exterior Girder	58.985	0.95	1	1	5.047569
HL93_str_inv	BOBJ1	182.825	After	Left Exterior Girder	58.985	0.95	1	1	3.320261
HL93_str_inv	BOBJ1	182.825	After	Interior Girder 1	58.985	0.95	1	1	4.331476
HL93_str_inv	BOBJ1	182.825	After	Interior Girder 2	58.985	0.95	1	1	3.289592
HL93_str_inv	BOBJ1	182.825	After	Interior Girder 3	58.985	0.95	1	1	2.826031
HL93_str_inv	BOBJ1	182.825	After	Interior Girder 4	58.985	0.95	1	1	2.826031
HL93_str_inv	BOBJ1	182.825	After	Interior Girder 5	58.985	0.95	1	1	3.289592
HL93_str_inv	BOBJ1	182.825	After	Interior Girder 6	58.985	0.95	1	1	4.331476
HL93_str_inv	BOBJ1	182.825	After	Right Exterior Girder	58.985	0.95	1	1	3.320261
HL93_str_inv	BOBJ1	183.76	Before	Left Exterior Girder	59.92	0.95	1	1	3.312975
HL93_str_inv	BOBJ1	183.76	Before	Right Exterior Girder	59.92	0.95	1	1	3.312975
HL93_str_inv	BOBJ1	183.76	After	Left Exterior Girder	59.92	0.95	1	1	3.029546
HL93_str_inv	BOBJ1	183.76	After	Right Exterior Girder	59.92	0.95	1	1	3.029546
HL93_str_inv	BOBJ1	186.26	Before	Interior Girder 1	62.42	0.95	1	1	3.378935
HL93_str_inv	BOBJ1	186.26	Before	Interior Girder 2	62.42	0.95	1	1	3.256521
HL93_str_inv	BOBJ1	186.26	Before	Interior Girder 3	62.42	0.95	1	1	2.797044
HL93_str_inv	BOBJ1	186.26	Before	Interior Girder 4	62.42	0.95	1	1	2.797044
HL93_str_inv	BOBJ1	186.26	Before	Interior Girder 5	62.42	0.95	1	1	3.256521
HL93_str_inv	BOBJ1	186.26	Before	Interior Girder 6	62.42	0.95	1	1	3.378935

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Approach, Span 7-11									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
HL93_str_inv	BOBJ1	186.26	After	Interior Girder 1	62.42	0.95	1	1	3.065596
HL93_str_inv	BOBJ1	186.26	After	Interior Girder 2	62.42	0.95	1	1	2.909037
HL93_str_inv	BOBJ1	186.26	After	Interior Girder 3	62.42	0.95	1	1	2.392655
HL93_str_inv	BOBJ1	186.26	After	Interior Girder 4	62.42	0.95	1	1	2.392655
HL93_str_inv	BOBJ1	186.26	After	Interior Girder 5	62.42	0.95	1	1	2.909037
HL93_str_inv	BOBJ1	186.26	After	Interior Girder 6	62.42	0.95	1	1	3.065596
HL93_str_inv	BOBJ1	191.26	Before	Left Exterior Girder	67.42	0.95	1	1	4.35399
HL93_str_inv	BOBJ1	191.26	Before	Interior Girder 1	67.42	0.95	1	1	3.017575
HL93_str_inv	BOBJ1	191.26	Before	Interior Girder 2	67.42	0.95	1	1	2.86398
HL93_str_inv	BOBJ1	191.26	Before	Interior Girder 3	67.42	0.95	1	1	2.354678
HL93_str_inv	BOBJ1	191.26	Before	Interior Girder 4	67.42	0.95	1	1	2.354678
HL93_str_inv	BOBJ1	191.26	Before	Interior Girder 5	67.42	0.95	1	1	2.86398
HL93_str_inv	BOBJ1	191.26	Before	Interior Girder 6	67.42	0.95	1	1	3.017575
HL93_str_inv	BOBJ1	191.26	Before	Right Exterior Girder	67.42	0.95	1	1	4.35399
HL93_str_inv	BOBJ1	191.26	After	Left Exterior Girder	0	0.95	1	1	4.409789
HL93_str_inv	BOBJ1	191.26	After	Interior Girder 1	0	0.95	1	1	3.037889
HL93_str_inv	BOBJ1	191.26	After	Interior Girder 2	0	0.95	1	1	2.880378
HL93_str_inv	BOBJ1	191.26	After	Interior Girder 3	0	0.95	1	1	2.360827
HL93_str_inv	BOBJ1	191.26	After	Interior Girder 4	0	0.95	1	1	2.360827
HL93_str_inv	BOBJ1	191.26	After	Interior Girder 5	0	0.95	1	1	2.880378
HL93_str_inv	BOBJ1	191.26	After	Interior Girder 6	0	0.95	1	1	3.037889
HL93_str_inv	BOBJ1	191.26	After	Right Exterior Girder	0	0.95	1	1	4.409789
HL93_str_inv	BOBJ1	196.26	Before	Interior Girder 1	5	0.95	1	1	3.086187
HL93_str_inv	BOBJ1	196.26	Before	Interior Girder 2	5	0.95	1	1	2.925657
HL93_str_inv	BOBJ1	196.26	Before	Interior Girder 3	5	0.95	1	1	2.39889
HL93_str_inv	BOBJ1	196.26	Before	Interior Girder 4	5	0.95	1	1	2.39889
HL93_str_inv	BOBJ1	196.26	Before	Interior Girder 5	5	0.95	1	1	2.925657
HL93_str_inv	BOBJ1	196.26	Before	Interior Girder 6	5	0.95	1	1	3.086187
HL93_str_inv	BOBJ1	196.26	After	Interior Girder 1	5	0.95	1	1	3.403671
HL93_str_inv	BOBJ1	196.26	After	Interior Girder 2	5	0.95	1	1	3.276831
HL93_str_inv	BOBJ1	196.26	After	Interior Girder 3	5	0.95	1	1	2.804662
HL93_str_inv	BOBJ1	196.26	After	Interior Girder 4	5	0.95	1	1	2.804662
HL93_str_inv	BOBJ1	196.26	After	Interior Girder 5	5	0.95	1	1	3.276831
HL93_str_inv	BOBJ1	196.26	After	Interior Girder 6	5	0.95	1	1	3.403671
HL93_str_inv	BOBJ1	198.76	Before	Left Exterior Girder	7.5	0.95	1	1	3.056464
HL93_str_inv	BOBJ1	198.76	Before	Right Exterior Girder	7.5	0.95	1	1	3.056464
HL93_str_inv	BOBJ1	198.76	After	Left Exterior Girder	7.5	0.95	1	1	3.347049
HL93_str_inv	BOBJ1	198.76	After	Right Exterior Girder	7.5	0.95	1	1	3.347049
HL93_str_inv	BOBJ1	199.685	Before	Left Exterior Girder	8.425	0.95	1	1	3.354331
HL93_str_inv	BOBJ1	199.685	Before	Interior Girder 1	8.425	0.95	1	1	4.36495
HL93_str_inv	BOBJ1	199.685	Before	Interior Girder 2	8.425	0.95	1	1	3.309985
HL93_str_inv	BOBJ1	199.685	Before	Interior Girder 3	8.425	0.95	1	1	2.833633
HL93_str_inv	BOBJ1	199.685	Before	Interior Girder 4	8.425	0.95	1	1	2.833633
HL93_str_inv	BOBJ1	199.685	Before	Interior Girder 5	8.425	0.95	1	1	3.309985
HL93_str_inv	BOBJ1	199.685	Before	Interior Girder 6	8.425	0.95	1	1	4.36495
HL93_str_inv	BOBJ1	199.685	Before	Right Exterior Girder	8.425	0.95	1	1	3.354331
HL93_str_inv	BOBJ1	199.685	After	Left Exterior Girder	8.425	0.95	1	1	5.121539
HL93_str_inv	BOBJ1	199.685	After	Interior Girder 1	8.425	0.95	1	1	4.820179
HL93_str_inv	BOBJ1	199.685	After	Interior Girder 2	8.425	0.95	1	1	4.459774
HL93_str_inv	BOBJ1	199.685	After	Interior Girder 3	8.425	0.95	1	1	4.092407
HL93_str_inv	BOBJ1	199.685	After	Interior Girder 4	8.425	0.95	1	1	4.092407
HL93_str_inv	BOBJ1	199.685	After	Interior Girder 5	8.425	0.95	1	1	4.459774
HL93_str_inv	BOBJ1	199.685	After	Interior Girder 6	8.425	0.95	1	1	4.820179
HL93_str_inv	BOBJ1	199.685	After	Right Exterior Girder	8.425	0.95	1	1	5.121539
HL93_str_inv	BOBJ1	208.11	Before	Left Exterior Girder	16.85	0.95	1	1	5.215565
HL93_str_inv	BOBJ1	208.11	Before	Interior Girder 1	16.85	0.95	1	1	4.93983
HL93_str_inv	BOBJ1	208.11	Before	Interior Girder 2	16.85	0.95	1	1	4.569183
HL93_str_inv	BOBJ1	208.11	Before	Interior Girder 3	16.85	0.95	1	1	4.194453
HL93_str_inv	BOBJ1	208.11	Before	Interior Girder 4	16.85	0.95	1	1	4.194453
HL93_str_inv	BOBJ1	208.11	Before	Interior Girder 5	16.85	0.95	1	1	4.569183
HL93_str_inv	BOBJ1	208.11	Before	Interior Girder 6	16.85	0.95	1	1	4.93983
HL93_str_inv	BOBJ1	208.11	Before	Right Exterior Girder	16.85	0.95	1	1	5.215565
HL93_str_inv	BOBJ1	208.11	After	Left Exterior Girder	16.85	0.95	1	1	8.569106
HL93_str_inv	BOBJ1	208.11	After	Interior Girder 1	16.85	0.95	1	1	5.546263
HL93_str_inv	BOBJ1	208.11	After	Interior Girder 2	16.85	0.95	1	1	5.213979

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Approach, Span 7-11									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
HL93_str_inv	BOBJ1	208.11	After	Interior Girder 3	16.85	0.95	1	1	4.75501
HL93_str_inv	BOBJ1	208.11	After	Interior Girder 4	16.85	0.95	1	1	4.75501
HL93_str_inv	BOBJ1	208.11	After	Interior Girder 5	16.85	0.95	1	1	5.213979
HL93_str_inv	BOBJ1	208.11	After	Interior Girder 6	16.85	0.95	1	1	5.546263
HL93_str_inv	BOBJ1	208.11	After	Right Exterior Girder	16.85	0.95	1	1	8.569106
HL93_str_inv	BOBJ1	216.535	Before	Left Exterior Girder	25.275	0.95	1	1	8.718177
HL93_str_inv	BOBJ1	216.535	Before	Interior Girder 1	25.275	0.95	1	1	5.679116
HL93_str_inv	BOBJ1	216.535	Before	Interior Girder 2	25.275	0.95	1	1	5.338633
HL93_str_inv	BOBJ1	216.535	Before	Interior Girder 3	25.275	0.95	1	1	4.868612
HL93_str_inv	BOBJ1	216.535	Before	Interior Girder 4	25.275	0.95	1	1	4.868612
HL93_str_inv	BOBJ1	216.535	Before	Interior Girder 5	25.275	0.95	1	1	5.338633
HL93_str_inv	BOBJ1	216.535	Before	Interior Girder 6	25.275	0.95	1	1	5.679116
HL93_str_inv	BOBJ1	216.535	Before	Right Exterior Girder	25.275	0.95	1	1	8.718177
HL93_str_inv	BOBJ1	216.535	After	Left Exterior Girder	25.275	0.95	1	1	11.193573
HL93_str_inv	BOBJ1	216.535	After	Interior Girder 1	25.275	0.95	1	1	8.867502
HL93_str_inv	BOBJ1	216.535	After	Interior Girder 2	25.275	0.95	1	1	8.036899
HL93_str_inv	BOBJ1	216.535	After	Interior Girder 3	25.275	0.95	1	1	7.560758
HL93_str_inv	BOBJ1	216.535	After	Interior Girder 4	25.275	0.95	1	1	7.560758
HL93_str_inv	BOBJ1	216.535	After	Interior Girder 5	25.275	0.95	1	1	8.036899
HL93_str_inv	BOBJ1	216.535	After	Interior Girder 6	25.275	0.95	1	1	8.867502
HL93_str_inv	BOBJ1	216.535	After	Right Exterior Girder	25.275	0.95	1	1	11.193573
HL93_str_inv	BOBJ1	224.96	Before	Left Exterior Girder	33.7	0.95	1	1	11.378743
HL93_str_inv	BOBJ1	224.96	Before	Interior Girder 1	33.7	0.95	1	1	9.073518
HL93_str_inv	BOBJ1	224.96	Before	Interior Girder 2	33.7	0.95	1	1	8.222854
HL93_str_inv	BOBJ1	224.96	Before	Interior Girder 3	33.7	0.95	1	1	7.395006
HL93_str_inv	BOBJ1	224.96	Before	Interior Girder 4	33.7	0.95	1	1	7.395006
HL93_str_inv	BOBJ1	224.96	Before	Interior Girder 5	33.7	0.95	1	1	8.222854
HL93_str_inv	BOBJ1	224.96	Before	Interior Girder 6	33.7	0.95	1	1	9.073518
HL93_str_inv	BOBJ1	224.96	Before	Right Exterior Girder	33.7	0.95	1	1	11.378743
HL93_str_inv	BOBJ1	224.96	After	Left Exterior Girder	33.7	0.95	1	1	10.913106
HL93_str_inv	BOBJ1	224.96	After	Interior Girder 1	33.7	0.95	1	1	8.901302
HL93_str_inv	BOBJ1	224.96	After	Interior Girder 2	33.7	0.95	1	1	8.114188
HL93_str_inv	BOBJ1	224.96	After	Interior Girder 3	33.7	0.95	1	1	7.483136
HL93_str_inv	BOBJ1	224.96	After	Interior Girder 4	33.7	0.95	1	1	7.483136
HL93_str_inv	BOBJ1	224.96	After	Interior Girder 5	33.7	0.95	1	1	8.114188
HL93_str_inv	BOBJ1	224.96	After	Interior Girder 6	33.7	0.95	1	1	8.901302
HL93_str_inv	BOBJ1	224.96	After	Right Exterior Girder	33.7	0.95	1	1	10.913106
HL93_str_inv	BOBJ1	233.385	Before	Left Exterior Girder	42.125	0.95	1	1	10.735081
HL93_str_inv	BOBJ1	233.385	Before	Interior Girder 1	42.125	0.95	1	1	8.698988
HL93_str_inv	BOBJ1	233.385	Before	Interior Girder 2	42.125	0.95	1	1	7.930601
HL93_str_inv	BOBJ1	233.385	Before	Interior Girder 3	42.125	0.95	1	1	7.650789
HL93_str_inv	BOBJ1	233.385	Before	Interior Girder 4	42.125	0.95	1	1	7.650789
HL93_str_inv	BOBJ1	233.385	Before	Interior Girder 5	42.125	0.95	1	1	7.930601
HL93_str_inv	BOBJ1	233.385	Before	Interior Girder 6	42.125	0.95	1	1	8.698988
HL93_str_inv	BOBJ1	233.385	Before	Right Exterior Girder	42.125	0.95	1	1	10.735081
HL93_str_inv	BOBJ1	233.385	After	Left Exterior Girder	42.125	0.95	1	1	8.394583
HL93_str_inv	BOBJ1	233.385	After	Interior Girder 1	42.125	0.95	1	1	5.594237
HL93_str_inv	BOBJ1	233.385	After	Interior Girder 2	42.125	0.95	1	1	5.280624
HL93_str_inv	BOBJ1	233.385	After	Interior Girder 3	42.125	0.95	1	1	4.834032
HL93_str_inv	BOBJ1	233.385	After	Interior Girder 4	42.125	0.95	1	1	4.834032
HL93_str_inv	BOBJ1	233.385	After	Interior Girder 5	42.125	0.95	1	1	5.280624
HL93_str_inv	BOBJ1	233.385	After	Interior Girder 6	42.125	0.95	1	1	5.594237
HL93_str_inv	BOBJ1	233.385	After	Right Exterior Girder	42.125	0.95	1	1	8.394583
HL93_str_inv	BOBJ1	241.81	Before	Left Exterior Girder	50.55	0.95	1	1	8.250668
HL93_str_inv	BOBJ1	241.81	Before	Interior Girder 1	50.55	0.95	1	1	5.46324
HL93_str_inv	BOBJ1	241.81	Before	Interior Girder 2	50.55	0.95	1	1	5.157264
HL93_str_inv	BOBJ1	241.81	Before	Interior Girder 3	50.55	0.95	1	1	4.721182
HL93_str_inv	BOBJ1	241.81	Before	Interior Girder 4	50.55	0.95	1	1	4.721182
HL93_str_inv	BOBJ1	241.81	Before	Interior Girder 5	50.55	0.95	1	1	5.157264
HL93_str_inv	BOBJ1	241.81	Before	Interior Girder 6	50.55	0.95	1	1	5.46324
HL93_str_inv	BOBJ1	241.81	Before	Right Exterior Girder	50.55	0.95	1	1	8.250668
HL93_str_inv	BOBJ1	241.81	After	Left Exterior Girder	50.55	0.95	1	1	5.221564
HL93_str_inv	BOBJ1	241.81	After	Interior Girder 1	50.55	0.95	1	1	4.917291
HL93_str_inv	BOBJ1	241.81	After	Interior Girder 2	50.55	0.95	1	1	4.515041
HL93_str_inv	BOBJ1	241.81	After	Interior Girder 3	50.55	0.95	1	1	4.138257

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Approach, Span 7-11									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
HL93_str_inv	BOBJ1	241.81	After	Interior Girder 4	50.55	0.95	1	1	4.138257
HL93_str_inv	BOBJ1	241.81	After	Interior Girder 5	50.55	0.95	1	1	4.515041
HL93_str_inv	BOBJ1	241.81	After	Interior Girder 6	50.55	0.95	1	1	4.917291
HL93_str_inv	BOBJ1	241.81	After	Right Exterior Girder	50.55	0.95	1	1	5.221564
HL93_str_inv	BOBJ1	245.18	Before	Left Exterior Girder	53.92	0.95	1	1	5.184145
HL93_str_inv	BOBJ1	245.18	Before	Interior Girder 1	53.92	0.95	1	1	4.869789
HL93_str_inv	BOBJ1	245.18	Before	Interior Girder 2	53.92	0.95	1	1	4.471889
HL93_str_inv	BOBJ1	245.18	Before	Interior Girder 3	53.92	0.95	1	1	4.098074
HL93_str_inv	BOBJ1	245.18	Before	Interior Girder 4	53.92	0.95	1	1	4.098074
HL93_str_inv	BOBJ1	245.18	Before	Interior Girder 5	53.92	0.95	1	1	4.471889
HL93_str_inv	BOBJ1	245.18	Before	Interior Girder 6	53.92	0.95	1	1	4.869789
HL93_str_inv	BOBJ1	245.18	Before	Right Exterior Girder	53.92	0.95	1	1	5.184145
HL93_str_inv	BOBJ1	245.18	After	Left Exterior Girder	53.92	0.95	1	1	5.454323
HL93_str_inv	BOBJ1	245.18	After	Interior Girder 1	53.92	0.95	1	1	4.479558
HL93_str_inv	BOBJ1	245.18	After	Interior Girder 2	53.92	0.95	1	1	4.159499
HL93_str_inv	BOBJ1	245.18	After	Interior Girder 3	53.92	0.95	1	1	3.737475
HL93_str_inv	BOBJ1	245.18	After	Interior Girder 4	53.92	0.95	1	1	3.737475
HL93_str_inv	BOBJ1	245.18	After	Interior Girder 5	53.92	0.95	1	1	4.159499
HL93_str_inv	BOBJ1	245.18	After	Interior Girder 6	53.92	0.95	1	1	4.479558
HL93_str_inv	BOBJ1	245.18	After	Right Exterior Girder	53.92	0.95	1	1	5.454323
HL93_str_inv	BOBJ1	250.245	Before	Left Exterior Girder	58.985	0.95	1	1	5.399149
HL93_str_inv	BOBJ1	250.245	Before	Interior Girder 1	58.985	0.95	1	1	4.416052
HL93_str_inv	BOBJ1	250.245	Before	Interior Girder 2	58.985	0.95	1	1	4.101112
HL93_str_inv	BOBJ1	250.245	Before	Interior Girder 3	58.985	0.95	1	1	3.684128
HL93_str_inv	BOBJ1	250.245	Before	Interior Girder 4	58.985	0.95	1	1	3.684128
HL93_str_inv	BOBJ1	250.245	Before	Interior Girder 5	58.985	0.95	1	1	4.101112
HL93_str_inv	BOBJ1	250.245	Before	Interior Girder 6	58.985	0.95	1	1	4.416052
HL93_str_inv	BOBJ1	250.245	Before	Right Exterior Girder	58.985	0.95	1	1	5.399149
HL93_str_inv	BOBJ1	250.245	After	Left Exterior Girder	58.985	0.95	1	1	4.485932
HL93_str_inv	BOBJ1	250.245	After	Interior Girder 1	58.985	0.95	1	1	3.919905
HL93_str_inv	BOBJ1	250.245	After	Interior Girder 2	58.985	0.95	1	1	3.442497
HL93_str_inv	BOBJ1	250.245	After	Interior Girder 3	58.985	0.95	1	1	2.95958
HL93_str_inv	BOBJ1	250.245	After	Interior Girder 4	58.985	0.95	1	1	2.95958
HL93_str_inv	BOBJ1	250.245	After	Interior Girder 5	58.985	0.95	1	1	3.442497
HL93_str_inv	BOBJ1	250.245	After	Interior Girder 6	58.985	0.95	1	1	3.919905
HL93_str_inv	BOBJ1	250.245	After	Right Exterior Girder	58.985	0.95	1	1	4.485932
HL93_str_inv	BOBJ1	251.68	Before	Left Exterior Girder	60.42	0.95	1	1	4.472533
HL93_str_inv	BOBJ1	251.68	Before	Right Exterior Girder	60.42	0.95	1	1	4.472533
HL93_str_inv	BOBJ1	251.68	After	Left Exterior Girder	60.42	0.95	1	1	4.107698
HL93_str_inv	BOBJ1	251.68	After	Right Exterior Girder	60.42	0.95	1	1	4.107698
HL93_str_inv	BOBJ1	254.18	Before	Interior Girder 1	62.92	0.95	1	1	3.533158
HL93_str_inv	BOBJ1	254.18	Before	Interior Girder 2	62.92	0.95	1	1	3.404293
HL93_str_inv	BOBJ1	254.18	Before	Interior Girder 3	62.92	0.95	1	1	2.926078
HL93_str_inv	BOBJ1	254.18	Before	Interior Girder 4	62.92	0.95	1	1	2.926078
HL93_str_inv	BOBJ1	254.18	Before	Interior Girder 5	62.92	0.95	1	1	3.404293
HL93_str_inv	BOBJ1	254.18	Before	Interior Girder 6	62.92	0.95	1	1	3.533158
HL93_str_inv	BOBJ1	254.18	After	Interior Girder 1	62.92	0.95	1	1	3.184063
HL93_str_inv	BOBJ1	254.18	After	Interior Girder 2	62.92	0.95	1	1	3.022337
HL93_str_inv	BOBJ1	254.18	After	Interior Girder 3	62.92	0.95	1	1	2.469355
HL93_str_inv	BOBJ1	254.18	After	Interior Girder 4	62.92	0.95	1	1	2.469355
HL93_str_inv	BOBJ1	254.18	After	Interior Girder 5	62.92	0.95	1	1	3.022337
HL93_str_inv	BOBJ1	254.18	After	Interior Girder 6	62.92	0.95	1	1	3.184063
HL93_str_inv	BOBJ1	258.68	Before	Left Exterior Girder	67.42	0.95	1	1	4.941644
HL93_str_inv	BOBJ1	258.68	Before	Interior Girder 1	67.42	0.95	1	1	3.141736
HL93_str_inv	BOBJ1	258.68	Before	Interior Girder 2	67.42	0.95	1	1	2.98255
HL93_str_inv	BOBJ1	258.68	Before	Interior Girder 3	67.42	0.95	1	1	2.436043
HL93_str_inv	BOBJ1	258.68	Before	Interior Girder 4	67.42	0.95	1	1	2.436043
HL93_str_inv	BOBJ1	258.68	Before	Interior Girder 5	67.42	0.95	1	1	2.98255
HL93_str_inv	BOBJ1	258.68	Before	Interior Girder 6	67.42	0.95	1	1	3.141736
HL93_str_inv	BOBJ1	258.68	Before	Right Exterior Girder	67.42	0.95	1	1	4.941644
HL93_str_inv	BOBJ1	258.68	After	Left Exterior Girder	0	0.95	1	1	5.23803
HL93_str_inv	BOBJ1	258.68	After	Interior Girder 1	0	0.95	1	1	3.125337
HL93_str_inv	BOBJ1	258.68	After	Interior Girder 2	0	0.95	1	1	2.9575
HL93_str_inv	BOBJ1	258.68	After	Interior Girder 3	0	0.95	1	1	2.404771
HL93_str_inv	BOBJ1	258.68	After	Interior Girder 4	0	0.95	1	1	2.404771

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Approach, Span 7-11									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
HL93_str_inv	BOBJ1	258.68	After	Interior Girder 5	0	0.95	1	1	2.9575
HL93_str_inv	BOBJ1	258.68	After	Interior Girder 6	0	0.95	1	1	3.125337
HL93_str_inv	BOBJ1	258.68	After	Right Exterior Girder	0	0.95	1	1	5.23803
HL93_str_inv	BOBJ1	263.18	Before	Interior Girder 1	4.5	0.95	1	1	3.167683
HL93_str_inv	BOBJ1	263.18	Before	Interior Girder 2	4.5	0.95	1	1	2.997187
HL93_str_inv	BOBJ1	263.18	Before	Interior Girder 3	4.5	0.95	1	1	2.437801
HL93_str_inv	BOBJ1	263.18	Before	Interior Girder 4	4.5	0.95	1	1	2.437801
HL93_str_inv	BOBJ1	263.18	Before	Interior Girder 5	4.5	0.95	1	1	2.997187
HL93_str_inv	BOBJ1	263.18	Before	Interior Girder 6	4.5	0.95	1	1	3.167683
HL93_str_inv	BOBJ1	263.18	After	Interior Girder 1	4.5	0.95	1	1	3.636956
HL93_str_inv	BOBJ1	263.18	After	Interior Girder 2	4.5	0.95	1	1	3.475843
HL93_str_inv	BOBJ1	263.18	After	Interior Girder 3	4.5	0.95	1	1	2.984384
HL93_str_inv	BOBJ1	263.18	After	Interior Girder 4	4.5	0.95	1	1	2.984384
HL93_str_inv	BOBJ1	263.18	After	Interior Girder 5	4.5	0.95	1	1	3.475843
HL93_str_inv	BOBJ1	263.18	After	Interior Girder 6	4.5	0.95	1	1	3.636956
HL93_str_inv	BOBJ1	265.68	Before	Left Exterior Girder	7	0.95	1	1	4.458135
HL93_str_inv	BOBJ1	265.68	Before	Right Exterior Girder	7	0.95	1	1	4.458135
HL93_str_inv	BOBJ1	265.68	After	Left Exterior Girder	7	0.95	1	1	5.0341
HL93_str_inv	BOBJ1	265.68	After	Right Exterior Girder	7	0.95	1	1	5.0341
HL93_str_inv	BOBJ1	268.08	Before	Left Exterior Girder	9.4	0.95	1	1	5.059385
HL93_str_inv	BOBJ1	268.08	Before	Interior Girder 1	9.4	0.95	1	1	3.935069
HL93_str_inv	BOBJ1	268.08	Before	Interior Girder 2	9.4	0.95	1	1	3.524686
HL93_str_inv	BOBJ1	268.08	Before	Interior Girder 3	9.4	0.95	1	1	3.027085
HL93_str_inv	BOBJ1	268.08	Before	Interior Girder 4	9.4	0.95	1	1	3.027085
HL93_str_inv	BOBJ1	268.08	Before	Interior Girder 5	9.4	0.95	1	1	3.524686
HL93_str_inv	BOBJ1	268.08	Before	Interior Girder 6	9.4	0.95	1	1	3.935069
HL93_str_inv	BOBJ1	268.08	Before	Right Exterior Girder	9.4	0.95	1	1	5.059385
HL93_str_inv	BOBJ1	268.08	After	Left Exterior Girder	9.4	0.95	1	1	6.239251
HL93_str_inv	BOBJ1	268.08	After	Interior Girder 1	9.4	0.95	1	1	5.483743
HL93_str_inv	BOBJ1	268.08	After	Interior Girder 2	9.4	0.95	1	1	4.950845
HL93_str_inv	BOBJ1	268.08	After	Interior Girder 3	9.4	0.95	1	1	4.575615
HL93_str_inv	BOBJ1	268.08	After	Interior Girder 4	9.4	0.95	1	1	4.575615
HL93_str_inv	BOBJ1	268.08	After	Interior Girder 5	9.4	0.95	1	1	4.950845
HL93_str_inv	BOBJ1	268.08	After	Interior Girder 6	9.4	0.95	1	1	5.483743
HL93_str_inv	BOBJ1	268.08	After	Right Exterior Girder	9.4	0.95	1	1	6.239251
HL93_str_inv	BOBJ1	277.48	Before	Left Exterior Girder	18.8	0.95	1	1	6.356793
HL93_str_inv	BOBJ1	277.48	Before	Interior Girder 1	18.8	0.95	1	1	5.630217
HL93_str_inv	BOBJ1	277.48	Before	Interior Girder 2	18.8	0.95	1	1	5.081743
HL93_str_inv	BOBJ1	277.48	Before	Interior Girder 3	18.8	0.95	1	1	4.698239
HL93_str_inv	BOBJ1	277.48	Before	Interior Girder 4	18.8	0.95	1	1	4.698239
HL93_str_inv	BOBJ1	277.48	Before	Interior Girder 5	18.8	0.95	1	1	5.081743
HL93_str_inv	BOBJ1	277.48	Before	Interior Girder 6	18.8	0.95	1	1	5.630217
HL93_str_inv	BOBJ1	277.48	Before	Right Exterior Girder	18.8	0.95	1	1	6.356793
HL93_str_inv	BOBJ1	277.48	After	Left Exterior Girder	18.8	0.95	1	1	11.84279
HL93_str_inv	BOBJ1	277.48	After	Interior Girder 1	18.8	0.95	1	1	6.589234
HL93_str_inv	BOBJ1	277.48	After	Interior Girder 2	18.8	0.95	1	1	6.128306
HL93_str_inv	BOBJ1	277.48	After	Interior Girder 3	18.8	0.95	1	1	5.398108
HL93_str_inv	BOBJ1	277.48	After	Interior Girder 4	18.8	0.95	1	1	5.398108
HL93_str_inv	BOBJ1	277.48	After	Interior Girder 5	18.8	0.95	1	1	6.128306
HL93_str_inv	BOBJ1	277.48	After	Interior Girder 6	18.8	0.95	1	1	6.589234
HL93_str_inv	BOBJ1	277.48	After	Right Exterior Girder	18.8	0.95	1	1	11.84279
HL93_str_inv	BOBJ1	286.88	Before	Left Exterior Girder	28.2	0.95	1	1	12.054391
HL93_str_inv	BOBJ1	286.88	Before	Interior Girder 1	28.2	0.95	1	1	6.758615
HL93_str_inv	BOBJ1	286.88	Before	Interior Girder 2	28.2	0.95	1	1	6.285626
HL93_str_inv	BOBJ1	286.88	Before	Interior Girder 3	28.2	0.95	1	1	5.536516
HL93_str_inv	BOBJ1	286.88	Before	Interior Girder 4	28.2	0.95	1	1	5.536516
HL93_str_inv	BOBJ1	286.88	Before	Interior Girder 5	28.2	0.95	1	1	6.285626
HL93_str_inv	BOBJ1	286.88	Before	Interior Girder 6	28.2	0.95	1	1	6.758615
HL93_str_inv	BOBJ1	286.88	Before	Right Exterior Girder	28.2	0.95	1	1	12.054391
HL93_str_inv	BOBJ1	286.88	After	Left Exterior Girder	28.2	0.95	1	1	19.200253
HL93_str_inv	BOBJ1	286.88	After	Interior Girder 1	28.2	0.95	1	1	9.869056
HL93_str_inv	BOBJ1	286.88	After	Interior Girder 2	28.2	0.95	1	1	8.910173
HL93_str_inv	BOBJ1	286.88	After	Interior Girder 3	28.2	0.95	1	1	7.68303
HL93_str_inv	BOBJ1	286.88	After	Interior Girder 4	28.2	0.95	1	1	7.68303
HL93_str_inv	BOBJ1	286.88	After	Interior Girder 5	28.2	0.95	1	1	8.910173

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Approach, Span 7-11									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
HL93_str_inv	BOBJ1	286.88	After	Interior Girder 6	28.2	0.95	1	1	9.869056
HL93_str_inv	BOBJ1	286.88	After	Right Exterior Girder	28.2	0.95	1	1	19.200253
HL93_str_inv	BOBJ1	296.28	Before	Left Exterior Girder	37.6	0.95	1	1	19.526437
HL93_str_inv	BOBJ1	296.28	Before	Interior Girder 1	37.6	0.95	1	1	9.634877
HL93_str_inv	BOBJ1	296.28	Before	Interior Girder 2	37.6	0.95	1	1	8.697981
HL93_str_inv	BOBJ1	296.28	Before	Interior Girder 3	37.6	0.95	1	1	7.4999
HL93_str_inv	BOBJ1	296.28	Before	Interior Girder 4	37.6	0.95	1	1	7.4999
HL93_str_inv	BOBJ1	296.28	Before	Interior Girder 5	37.6	0.95	1	1	8.697981
HL93_str_inv	BOBJ1	296.28	Before	Interior Girder 6	37.6	0.95	1	1	9.634877
HL93_str_inv	BOBJ1	296.28	Before	Right Exterior Girder	37.6	0.95	1	1	19.526437
HL93_str_inv	BOBJ1	296.28	After	Left Exterior Girder	37.6	0.95	1	1	9.734732
HL93_str_inv	BOBJ1	296.28	After	Interior Girder 1	37.6	0.95	1	1	8.564749
HL93_str_inv	BOBJ1	296.28	After	Interior Girder 2	37.6	0.95	1	1	7.687671
HL93_str_inv	BOBJ1	296.28	After	Interior Girder 3	37.6	0.95	1	1	7.538807
HL93_str_inv	BOBJ1	296.28	After	Interior Girder 4	37.6	0.95	1	1	7.538807
HL93_str_inv	BOBJ1	296.28	After	Interior Girder 5	37.6	0.95	1	1	7.687671
HL93_str_inv	BOBJ1	296.28	After	Interior Girder 6	37.6	0.95	1	1	8.564749
HL93_str_inv	BOBJ1	296.28	After	Right Exterior Girder	37.6	0.95	1	1	9.734732
HL93_str_inv	BOBJ1	305.69	Before	Left Exterior Girder	47.01	0.95	1	1	9.568125
HL93_str_inv	BOBJ1	305.69	Before	Interior Girder 1	47.01	0.95	1	1	8.352408
HL93_str_inv	BOBJ1	305.69	Before	Interior Girder 2	47.01	0.95	1	1	7.498178
HL93_str_inv	BOBJ1	305.69	Before	Interior Girder 3	47.01	0.95	1	1	7.352591
HL93_str_inv	BOBJ1	305.69	Before	Interior Girder 4	47.01	0.95	1	1	7.352591
HL93_str_inv	BOBJ1	305.69	Before	Interior Girder 5	47.01	0.95	1	1	7.498178
HL93_str_inv	BOBJ1	305.69	Before	Interior Girder 6	47.01	0.95	1	1	8.352408
HL93_str_inv	BOBJ1	305.69	Before	Right Exterior Girder	47.01	0.95	1	1	9.568125
HL93_str_inv	BOBJ1	305.69	After	Left Exterior Girder	47.01	0.95	1	1	7.338785
HL93_str_inv	BOBJ1	305.69	After	Interior Girder 1	47.01	0.95	1	1	5.050247
HL93_str_inv	BOBJ1	305.69	After	Interior Girder 2	47.01	0.95	1	1	4.694767
HL93_str_inv	BOBJ1	305.69	After	Interior Girder 3	47.01	0.95	1	1	4.395814
HL93_str_inv	BOBJ1	305.69	After	Interior Girder 4	47.01	0.95	1	1	4.395814
HL93_str_inv	BOBJ1	305.69	After	Interior Girder 5	47.01	0.95	1	1	4.694767
HL93_str_inv	BOBJ1	305.69	After	Interior Girder 6	47.01	0.95	1	1	5.050247
HL93_str_inv	BOBJ1	305.69	After	Right Exterior Girder	47.01	0.95	1	1	7.338785
HL93_str_inv	BOBJ1	315.1	Before	Left Exterior Girder	56.42	0.95	1	1	7.206544
HL93_str_inv	BOBJ1	315.1	Before	Interior Girder 1	56.42	0.95	1	1	4.92098
HL93_str_inv	BOBJ1	315.1	Before	Interior Girder 2	56.42	0.95	1	1	4.575032
HL93_str_inv	BOBJ1	315.1	Before	Interior Girder 3	56.42	0.95	1	1	4.283322
HL93_str_inv	BOBJ1	315.1	Before	Interior Girder 4	56.42	0.95	1	1	4.283322
HL93_str_inv	BOBJ1	315.1	Before	Interior Girder 5	56.42	0.95	1	1	4.575032
HL93_str_inv	BOBJ1	315.1	Before	Interior Girder 6	56.42	0.95	1	1	4.92098
HL93_str_inv	BOBJ1	315.1	Before	Right Exterior Girder	56.42	0.95	1	1	7.206544
HS20_str_opr	BOBJ1	0	After	Left Exterior Girder	0	0.95	1	1	11.213835
HS20_str_opr	BOBJ1	0	After	Interior Girder 1	0	0.95	1	1	7.648975
HS20_str_opr	BOBJ1	0	After	Interior Girder 2	0	0.95	1	1	7.045966
HS20_str_opr	BOBJ1	0	After	Interior Girder 3	0	0.95	1	1	6.508711
HS20_str_opr	BOBJ1	0	After	Interior Girder 4	0	0.95	1	1	6.508711
HS20_str_opr	BOBJ1	0	After	Interior Girder 5	0	0.95	1	1	7.045966
HS20_str_opr	BOBJ1	0	After	Interior Girder 6	0	0.95	1	1	7.648975
HS20_str_opr	BOBJ1	0	After	Right Exterior Girder	0	0.95	1	1	11.213835
HS20_str_opr	BOBJ1	9.4	Before	Left Exterior Girder	9.4	0.95	1	1	11.419131
HS20_str_opr	BOBJ1	9.4	Before	Interior Girder 1	9.4	0.95	1	1	7.849719
HS20_str_opr	BOBJ1	9.4	Before	Interior Girder 2	9.4	0.95	1	1	7.230144
HS20_str_opr	BOBJ1	9.4	Before	Interior Girder 3	9.4	0.95	1	1	6.67939
HS20_str_opr	BOBJ1	9.4	Before	Interior Girder 4	9.4	0.95	1	1	6.67939
HS20_str_opr	BOBJ1	9.4	Before	Interior Girder 5	9.4	0.95	1	1	7.230144
HS20_str_opr	BOBJ1	9.4	Before	Interior Girder 6	9.4	0.95	1	1	7.849719
HS20_str_opr	BOBJ1	9.4	Before	Right Exterior Girder	9.4	0.95	1	1	11.419131
HS20_str_opr	BOBJ1	9.4	After	Left Exterior Girder	9.4	0.95	1	1	14.989597
HS20_str_opr	BOBJ1	9.4	After	Interior Girder 1	9.4	0.95	1	1	13.023787
HS20_str_opr	BOBJ1	9.4	After	Interior Girder 2	9.4	0.95	1	1	11.693394
HS20_str_opr	BOBJ1	9.4	After	Interior Girder 3	9.4	0.95	1	1	11.370036
HS20_str_opr	BOBJ1	9.4	After	Interior Girder 4	9.4	0.95	1	1	11.370036
HS20_str_opr	BOBJ1	9.4	After	Interior Girder 5	9.4	0.95	1	1	11.693394
HS20_str_opr	BOBJ1	9.4	After	Interior Girder 6	9.4	0.95	1	1	13.023787

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Approach, Span 7-11									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
HS20_str_opr	BOBJ1	9.4	After	Right Exterior Girder	9.4	0.95	1	1	14.989597
HS20_str_opr	BOBJ1	18.8	Before	Left Exterior Girder	18.8	0.95	1	1	15.250045
HS20_str_opr	BOBJ1	18.8	Before	Interior Girder 1	18.8	0.95	1	1	13.354563
HS20_str_opr	BOBJ1	18.8	Before	Interior Girder 2	18.8	0.95	1	1	11.988555
HS20_str_opr	BOBJ1	18.8	Before	Interior Girder 3	18.8	0.95	1	1	11.65759
HS20_str_opr	BOBJ1	18.8	Before	Interior Girder 4	18.8	0.95	1	1	11.65759
HS20_str_opr	BOBJ1	18.8	Before	Interior Girder 5	18.8	0.95	1	1	11.988555
HS20_str_opr	BOBJ1	18.8	Before	Interior Girder 6	18.8	0.95	1	1	13.354563
HS20_str_opr	BOBJ1	18.8	Before	Right Exterior Girder	18.8	0.95	1	1	15.250045
HS20_str_opr	BOBJ1	18.8	After	Left Exterior Girder	18.8	0.95	1	1	31.685618
HS20_str_opr	BOBJ1	18.8	After	Interior Girder 1	18.8	0.95	1	1	14.702811
HS20_str_opr	BOBJ1	18.8	After	Interior Girder 2	18.8	0.95	1	1	13.001113
HS20_str_opr	BOBJ1	18.8	After	Interior Girder 3	18.8	0.95	1	1	11.063578
HS20_str_opr	BOBJ1	18.8	After	Interior Girder 4	18.8	0.95	1	1	11.063578
HS20_str_opr	BOBJ1	18.8	After	Interior Girder 5	18.8	0.95	1	1	13.001113
HS20_str_opr	BOBJ1	18.8	After	Interior Girder 6	18.8	0.95	1	1	14.702811
HS20_str_opr	BOBJ1	18.8	After	Right Exterior Girder	18.8	0.95	1	1	31.685618
HS20_str_opr	BOBJ1	28.2	Before	Left Exterior Girder	28.2	0.95	1	1	31.156018
HS20_str_opr	BOBJ1	28.2	Before	Interior Girder 1	28.2	0.95	1	1	15.060015
HS20_str_opr	BOBJ1	28.2	Before	Interior Girder 2	28.2	0.95	1	1	13.318211
HS20_str_opr	BOBJ1	28.2	Before	Interior Girder 3	28.2	0.95	1	1	11.333692
HS20_str_opr	BOBJ1	28.2	Before	Interior Girder 4	28.2	0.95	1	1	11.333692
HS20_str_opr	BOBJ1	28.2	Before	Interior Girder 5	28.2	0.95	1	1	13.318211
HS20_str_opr	BOBJ1	28.2	Before	Interior Girder 6	28.2	0.95	1	1	15.060015
HS20_str_opr	BOBJ1	28.2	Before	Right Exterior Girder	28.2	0.95	1	1	31.156018
HS20_str_opr	BOBJ1	28.2	After	Left Exterior Girder	28.2	0.95	1	1	18.950097
HS20_str_opr	BOBJ1	28.2	After	Interior Girder 1	28.2	0.95	1	1	10.69554
HS20_str_opr	BOBJ1	28.2	After	Interior Girder 2	28.2	0.95	1	1	9.748081
HS20_str_opr	BOBJ1	28.2	After	Interior Girder 3	28.2	0.95	1	1	8.478525
HS20_str_opr	BOBJ1	28.2	After	Interior Girder 4	28.2	0.95	1	1	8.478525
HS20_str_opr	BOBJ1	28.2	After	Interior Girder 5	28.2	0.95	1	1	9.748081
HS20_str_opr	BOBJ1	28.2	After	Interior Girder 6	28.2	0.95	1	1	10.69554
HS20_str_opr	BOBJ1	28.2	After	Right Exterior Girder	28.2	0.95	1	1	18.950097
HS20_str_opr	BOBJ1	37.6	Before	Left Exterior Girder	37.6	0.95	1	1	18.617255
HS20_str_opr	BOBJ1	37.6	Before	Interior Girder 1	37.6	0.95	1	1	10.427375
HS20_str_opr	BOBJ1	37.6	Before	Interior Girder 2	37.6	0.95	1	1	9.504041
HS20_str_opr	BOBJ1	37.6	Before	Interior Girder 3	37.6	0.95	1	1	8.266544
HS20_str_opr	BOBJ1	37.6	Before	Interior Girder 4	37.6	0.95	1	1	8.266544
HS20_str_opr	BOBJ1	37.6	Before	Interior Girder 5	37.6	0.95	1	1	9.504041
HS20_str_opr	BOBJ1	37.6	Before	Interior Girder 6	37.6	0.95	1	1	10.427375
HS20_str_opr	BOBJ1	37.6	Before	Right Exterior Girder	37.6	0.95	1	1	18.617255
HS20_str_opr	BOBJ1	37.6	After	Left Exterior Girder	37.6	0.95	1	1	10.191311
HS20_str_opr	BOBJ1	37.6	After	Interior Girder 1	37.6	0.95	1	1	9.041969
HS20_str_opr	BOBJ1	37.6	After	Interior Girder 2	37.6	0.95	1	1	8.143678
HS20_str_opr	BOBJ1	37.6	After	Interior Girder 3	37.6	0.95	1	1	7.588097
HS20_str_opr	BOBJ1	37.6	After	Interior Girder 4	37.6	0.95	1	1	7.588097
HS20_str_opr	BOBJ1	37.6	After	Interior Girder 5	37.6	0.95	1	1	8.143678
HS20_str_opr	BOBJ1	37.6	After	Interior Girder 6	37.6	0.95	1	1	9.041969
HS20_str_opr	BOBJ1	37.6	After	Right Exterior Girder	37.6	0.95	1	1	10.191311
HS20_str_opr	BOBJ1	47.01	Before	Left Exterior Girder	47.01	0.95	1	1	10.002585
HS20_str_opr	BOBJ1	47.01	Before	Interior Girder 1	47.01	0.95	1	1	8.806341
HS20_str_opr	BOBJ1	47.01	Before	Interior Girder 2	47.01	0.95	1	1	7.933611
HS20_str_opr	BOBJ1	47.01	Before	Interior Girder 3	47.01	0.95	1	1	7.389822
HS20_str_opr	BOBJ1	47.01	Before	Interior Girder 4	47.01	0.95	1	1	7.389822
HS20_str_opr	BOBJ1	47.01	Before	Interior Girder 5	47.01	0.95	1	1	7.933611
HS20_str_opr	BOBJ1	47.01	Before	Interior Girder 6	47.01	0.95	1	1	8.806341
HS20_str_opr	BOBJ1	47.01	Before	Right Exterior Girder	47.01	0.95	1	1	10.002585
HS20_str_opr	BOBJ1	47.01	After	Left Exterior Girder	47.01	0.95	1	1	8.155222
HS20_str_opr	BOBJ1	47.01	After	Interior Girder 1	47.01	0.95	1	1	6.161081
HS20_str_opr	BOBJ1	47.01	After	Interior Girder 2	47.01	0.95	1	1	5.509369
HS20_str_opr	BOBJ1	47.01	After	Interior Girder 3	47.01	0.95	1	1	4.696962
HS20_str_opr	BOBJ1	47.01	After	Interior Girder 4	47.01	0.95	1	1	4.696962
HS20_str_opr	BOBJ1	47.01	After	Interior Girder 5	47.01	0.95	1	1	5.509369
HS20_str_opr	BOBJ1	47.01	After	Interior Girder 6	47.01	0.95	1	1	6.161081
HS20_str_opr	BOBJ1	47.01	After	Right Exterior Girder	47.01	0.95	1	1	8.155222

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Approach, Span 7-11									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
HS20_str_opr	BOBJ1	49.42	Before	Left Exterior Girder	49.42	0.95	1	1	8.114279
HS20_str_opr	BOBJ1	49.42	Before	Right Exterior Girder	49.42	0.95	1	1	8.114279
HS20_str_opr	BOBJ1	49.42	After	Left Exterior Girder	49.42	0.95	1	1	7.106219
HS20_str_opr	BOBJ1	49.42	After	Right Exterior Girder	49.42	0.95	1	1	7.106219
HS20_str_opr	BOBJ1	51.92	Before	Interior Girder 1	51.92	0.95	1	1	5.735085
HS20_str_opr	BOBJ1	51.92	Before	Interior Girder 2	51.92	0.95	1	1	5.432835
HS20_str_opr	BOBJ1	51.92	Before	Interior Girder 3	51.92	0.95	1	1	4.630562
HS20_str_opr	BOBJ1	51.92	Before	Interior Girder 4	51.92	0.95	1	1	4.630562
HS20_str_opr	BOBJ1	51.92	Before	Interior Girder 5	51.92	0.95	1	1	5.432835
HS20_str_opr	BOBJ1	51.92	Before	Interior Girder 6	51.92	0.95	1	1	5.735085
HS20_str_opr	BOBJ1	51.92	After	Interior Girder 1	51.92	0.95	1	1	5.034216
HS20_str_opr	BOBJ1	51.92	After	Interior Girder 2	51.92	0.95	1	1	4.67818
HS20_str_opr	BOBJ1	51.92	After	Interior Girder 3	51.92	0.95	1	1	3.779951
HS20_str_opr	BOBJ1	51.92	After	Interior Girder 4	51.92	0.95	1	1	3.779951
HS20_str_opr	BOBJ1	51.92	After	Interior Girder 5	51.92	0.95	1	1	4.67818
HS20_str_opr	BOBJ1	51.92	After	Interior Girder 6	51.92	0.95	1	1	5.034216
HS20_str_opr	BOBJ1	56.42	Before	Left Exterior Girder	56.42	0.95	1	1	8.415039
HS20_str_opr	BOBJ1	56.42	Before	Interior Girder 1	56.42	0.95	1	1	4.966871
HS20_str_opr	BOBJ1	56.42	Before	Interior Girder 2	56.42	0.95	1	1	4.616206
HS20_str_opr	BOBJ1	56.42	Before	Interior Girder 3	56.42	0.95	1	1	3.728728
HS20_str_opr	BOBJ1	56.42	Before	Interior Girder 4	56.42	0.95	1	1	3.728728
HS20_str_opr	BOBJ1	56.42	Before	Interior Girder 5	56.42	0.95	1	1	4.616206
HS20_str_opr	BOBJ1	56.42	Before	Interior Girder 6	56.42	0.95	1	1	4.966871
HS20_str_opr	BOBJ1	56.42	Before	Right Exterior Girder	56.42	0.95	1	1	8.415039
HS20_str_opr	BOBJ1	56.42	After	Left Exterior Girder	0	0.95	1	1	8.079365
HS20_str_opr	BOBJ1	56.42	After	Interior Girder 1	0	0.95	1	1	5.042222
HS20_str_opr	BOBJ1	56.42	After	Interior Girder 2	0	0.95	1	1	4.698919
HS20_str_opr	BOBJ1	56.42	After	Interior Girder 3	0	0.95	1	1	3.795739
HS20_str_opr	BOBJ1	56.42	After	Interior Girder 4	0	0.95	1	1	3.795739
HS20_str_opr	BOBJ1	56.42	After	Interior Girder 5	0	0.95	1	1	4.698919
HS20_str_opr	BOBJ1	56.42	After	Interior Girder 6	0	0.95	1	1	5.042222
HS20_str_opr	BOBJ1	56.42	After	Right Exterior Girder	0	0.95	1	1	8.079365
HS20_str_opr	BOBJ1	60.92	Before	Interior Girder 1	4.5	0.95	1	1	5.110153
HS20_str_opr	BOBJ1	60.92	Before	Interior Girder 2	4.5	0.95	1	1	4.761596
HS20_str_opr	BOBJ1	60.92	Before	Interior Girder 3	4.5	0.95	1	1	3.84765
HS20_str_opr	BOBJ1	60.92	Before	Interior Girder 4	4.5	0.95	1	1	3.84765
HS20_str_opr	BOBJ1	60.92	Before	Interior Girder 5	4.5	0.95	1	1	4.761596
HS20_str_opr	BOBJ1	60.92	Before	Interior Girder 6	4.5	0.95	1	1	5.110153
HS20_str_opr	BOBJ1	60.92	After	Interior Girder 1	4.5	0.95	1	1	5.610064
HS20_str_opr	BOBJ1	60.92	After	Interior Girder 2	4.5	0.95	1	1	5.361103
HS20_str_opr	BOBJ1	60.92	After	Interior Girder 3	4.5	0.95	1	1	4.554286
HS20_str_opr	BOBJ1	60.92	After	Interior Girder 4	4.5	0.95	1	1	4.554286
HS20_str_opr	BOBJ1	60.92	After	Interior Girder 5	4.5	0.95	1	1	5.361103
HS20_str_opr	BOBJ1	60.92	After	Interior Girder 6	4.5	0.95	1	1	5.610064
HS20_str_opr	BOBJ1	63.42	Before	Left Exterior Girder	7	0.95	1	1	6.627091
HS20_str_opr	BOBJ1	63.42	Before	Right Exterior Girder	7	0.95	1	1	6.627091
HS20_str_opr	BOBJ1	63.42	After	Left Exterior Girder	7	0.95	1	1	7.260501
HS20_str_opr	BOBJ1	63.42	After	Right Exterior Girder	7	0.95	1	1	7.260501
HS20_str_opr	BOBJ1	64.845	Before	Left Exterior Girder	8.425	0.95	1	1	7.282114
HS20_str_opr	BOBJ1	64.845	Before	Interior Girder 1	8.425	0.95	1	1	6.187772
HS20_str_opr	BOBJ1	64.845	Before	Interior Girder 2	8.425	0.95	1	1	5.421109
HS20_str_opr	BOBJ1	64.845	Before	Interior Girder 3	8.425	0.95	1	1	4.606303
HS20_str_opr	BOBJ1	64.845	Before	Interior Girder 4	8.425	0.95	1	1	4.606303
HS20_str_opr	BOBJ1	64.845	Before	Interior Girder 5	8.425	0.95	1	1	5.421109
HS20_str_opr	BOBJ1	64.845	Before	Interior Girder 6	8.425	0.95	1	1	6.187772
HS20_str_opr	BOBJ1	64.845	Before	Right Exterior Girder	8.425	0.95	1	1	7.282114
HS20_str_opr	BOBJ1	64.845	After	Left Exterior Girder	8.425	0.95	1	1	8.752312
HS20_str_opr	BOBJ1	64.845	After	Interior Girder 1	8.425	0.95	1	1	7.057627
HS20_str_opr	BOBJ1	64.845	After	Interior Girder 2	8.425	0.95	1	1	6.526379
HS20_str_opr	BOBJ1	64.845	After	Interior Girder 3	8.425	0.95	1	1	5.868813
HS20_str_opr	BOBJ1	64.845	After	Interior Girder 4	8.425	0.95	1	1	5.868813
HS20_str_opr	BOBJ1	64.845	After	Interior Girder 5	8.425	0.95	1	1	6.526379
HS20_str_opr	BOBJ1	64.845	After	Interior Girder 6	8.425	0.95	1	1	7.057627
HS20_str_opr	BOBJ1	64.845	After	Right Exterior Girder	8.425	0.95	1	1	8.752312
HS20_str_opr	BOBJ1	69.92	Before	Left Exterior Girder	13.5	0.95	1	1	8.841967

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Approach, Span 7-11									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
HS20_str_opr	BOBJ1	69.92	Before	Interior Girder 1	13.5	0.95	1	1	7.159324
HS20_str_opr	BOBJ1	69.92	Before	Interior Girder 2	13.5	0.95	1	1	6.619473
HS20_str_opr	BOBJ1	69.92	Before	Interior Girder 3	13.5	0.95	1	1	5.953973
HS20_str_opr	BOBJ1	69.92	Before	Interior Girder 4	13.5	0.95	1	1	5.953973
HS20_str_opr	BOBJ1	69.92	Before	Interior Girder 5	13.5	0.95	1	1	6.619473
HS20_str_opr	BOBJ1	69.92	Before	Interior Girder 6	13.5	0.95	1	1	7.159324
HS20_str_opr	BOBJ1	69.92	Before	Right Exterior Girder	13.5	0.95	1	1	8.841967
HS20_str_opr	BOBJ1	69.92	After	Left Exterior Girder	13.5	0.95	1	1	8.386563
HS20_str_opr	BOBJ1	69.92	After	Interior Girder 1	13.5	0.95	1	1	7.759457
HS20_str_opr	BOBJ1	69.92	After	Interior Girder 2	13.5	0.95	1	1	7.128284
HS20_str_opr	BOBJ1	69.92	After	Interior Girder 3	13.5	0.95	1	1	6.54638
HS20_str_opr	BOBJ1	69.92	After	Interior Girder 4	13.5	0.95	1	1	6.54638
HS20_str_opr	BOBJ1	69.92	After	Interior Girder 5	13.5	0.95	1	1	7.128284
HS20_str_opr	BOBJ1	69.92	After	Interior Girder 6	13.5	0.95	1	1	7.759457
HS20_str_opr	BOBJ1	69.92	After	Right Exterior Girder	13.5	0.95	1	1	8.386563
HS20_str_opr	BOBJ1	73.27	Before	Left Exterior Girder	16.85	0.95	1	1	8.446767
HS20_str_opr	BOBJ1	73.27	Before	Interior Girder 1	16.85	0.95	1	1	7.834697
HS20_str_opr	BOBJ1	73.27	Before	Interior Girder 2	16.85	0.95	1	1	7.196658
HS20_str_opr	BOBJ1	73.27	Before	Interior Girder 3	16.85	0.95	1	1	6.610196
HS20_str_opr	BOBJ1	73.27	Before	Interior Girder 4	16.85	0.95	1	1	6.610196
HS20_str_opr	BOBJ1	73.27	Before	Interior Girder 5	16.85	0.95	1	1	7.196658
HS20_str_opr	BOBJ1	73.27	Before	Interior Girder 6	16.85	0.95	1	1	7.834697
HS20_str_opr	BOBJ1	73.27	Before	Right Exterior Girder	16.85	0.95	1	1	8.446767
HS20_str_opr	BOBJ1	73.27	After	Left Exterior Girder	16.85	0.95	1	1	13.208804
HS20_str_opr	BOBJ1	73.27	After	Interior Girder 1	16.85	0.95	1	1	8.681823
HS20_str_opr	BOBJ1	73.27	After	Interior Girder 2	16.85	0.95	1	1	8.119334
HS20_str_opr	BOBJ1	73.27	After	Interior Girder 3	16.85	0.95	1	1	7.286109
HS20_str_opr	BOBJ1	73.27	After	Interior Girder 4	16.85	0.95	1	1	7.286109
HS20_str_opr	BOBJ1	73.27	After	Interior Girder 5	16.85	0.95	1	1	8.119334
HS20_str_opr	BOBJ1	73.27	After	Interior Girder 6	16.85	0.95	1	1	8.681823
HS20_str_opr	BOBJ1	73.27	After	Right Exterior Girder	16.85	0.95	1	1	13.208804
HS20_str_opr	BOBJ1	81.695	Before	Left Exterior Girder	25.275	0.95	1	1	13.439295
HS20_str_opr	BOBJ1	81.695	Before	Interior Girder 1	25.275	0.95	1	1	8.890032
HS20_str_opr	BOBJ1	81.695	Before	Interior Girder 2	25.275	0.95	1	1	8.313568
HS20_str_opr	BOBJ1	81.695	Before	Interior Girder 3	25.275	0.95	1	1	7.460289
HS20_str_opr	BOBJ1	81.695	Before	Interior Girder 4	25.275	0.95	1	1	7.460289
HS20_str_opr	BOBJ1	81.695	Before	Interior Girder 5	25.275	0.95	1	1	8.313568
HS20_str_opr	BOBJ1	81.695	Before	Interior Girder 6	25.275	0.95	1	1	8.890032
HS20_str_opr	BOBJ1	81.695	Before	Right Exterior Girder	25.275	0.95	1	1	13.439295
HS20_str_opr	BOBJ1	81.695	After	Left Exterior Girder	25.275	0.95	1	1	17.429543
HS20_str_opr	BOBJ1	81.695	After	Interior Girder 1	25.275	0.95	1	1	14.037406
HS20_str_opr	BOBJ1	81.695	After	Interior Girder 2	25.275	0.95	1	1	12.745868
HS20_str_opr	BOBJ1	81.695	After	Interior Girder 3	25.275	0.95	1	1	11.528885
HS20_str_opr	BOBJ1	81.695	After	Interior Girder 4	25.275	0.95	1	1	11.528885
HS20_str_opr	BOBJ1	81.695	After	Interior Girder 5	25.275	0.95	1	1	12.745868
HS20_str_opr	BOBJ1	81.695	After	Interior Girder 6	25.275	0.95	1	1	14.037406
HS20_str_opr	BOBJ1	81.695	After	Right Exterior Girder	25.275	0.95	1	1	17.429543
HS20_str_opr	BOBJ1	90.12	Before	Left Exterior Girder	33.7	0.95	1	1	17.718692
HS20_str_opr	BOBJ1	90.12	Before	Interior Girder 1	33.7	0.95	1	1	14.363937
HS20_str_opr	BOBJ1	90.12	Before	Interior Girder 2	33.7	0.95	1	1	13.040959
HS20_str_opr	BOBJ1	90.12	Before	Interior Girder 3	33.7	0.95	1	1	11.276276
HS20_str_opr	BOBJ1	90.12	Before	Interior Girder 4	33.7	0.95	1	1	11.276276
HS20_str_opr	BOBJ1	90.12	Before	Interior Girder 5	33.7	0.95	1	1	13.040959
HS20_str_opr	BOBJ1	90.12	Before	Interior Girder 6	33.7	0.95	1	1	14.363937
HS20_str_opr	BOBJ1	90.12	Before	Right Exterior Girder	33.7	0.95	1	1	17.718692
HS20_str_opr	BOBJ1	90.12	After	Left Exterior Girder	33.7	0.95	1	1	18.595539
HS20_str_opr	BOBJ1	90.12	After	Interior Girder 1	33.7	0.95	1	1	14.697991
HS20_str_opr	BOBJ1	90.12	After	Interior Girder 2	33.7	0.95	1	1	13.13009
HS20_str_opr	BOBJ1	90.12	After	Interior Girder 3	33.7	0.95	1	1	11.119868
HS20_str_opr	BOBJ1	90.12	After	Interior Girder 4	33.7	0.95	1	1	11.119868
HS20_str_opr	BOBJ1	90.12	After	Interior Girder 5	33.7	0.95	1	1	13.13009
HS20_str_opr	BOBJ1	90.12	After	Interior Girder 6	33.7	0.95	1	1	14.697991
HS20_str_opr	BOBJ1	90.12	After	Right Exterior Girder	33.7	0.95	1	1	18.595539
HS20_str_opr	BOBJ1	98.545	Before	Left Exterior Girder	42.125	0.95	1	1	18.293023
HS20_str_opr	BOBJ1	98.545	Before	Interior Girder 1	42.125	0.95	1	1	14.364333

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Approach, Span 7-11									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
HS20_str_opr	BOBJ1	98.545	Before	Interior Girder 2	42.125	0.95	1	1	12.95286
HS20_str_opr	BOBJ1	98.545	Before	Interior Girder 3	42.125	0.95	1	1	11.369139
HS20_str_opr	BOBJ1	98.545	Before	Interior Girder 4	42.125	0.95	1	1	11.369139
HS20_str_opr	BOBJ1	98.545	Before	Interior Girder 5	42.125	0.95	1	1	12.95286
HS20_str_opr	BOBJ1	98.545	Before	Interior Girder 6	42.125	0.95	1	1	14.364333
HS20_str_opr	BOBJ1	98.545	Before	Right Exterior Girder	42.125	0.95	1	1	18.293023
HS20_str_opr	BOBJ1	98.545	After	Left Exterior Girder	42.125	0.95	1	1	13.913173
HS20_str_opr	BOBJ1	98.545	After	Interior Girder 1	42.125	0.95	1	1	9.047139
HS20_str_opr	BOBJ1	98.545	After	Interior Girder 2	42.125	0.95	1	1	8.419932
HS20_str_opr	BOBJ1	98.545	After	Interior Girder 3	42.125	0.95	1	1	7.52327
HS20_str_opr	BOBJ1	98.545	After	Interior Girder 4	42.125	0.95	1	1	7.52327
HS20_str_opr	BOBJ1	98.545	After	Interior Girder 5	42.125	0.95	1	1	8.419932
HS20_str_opr	BOBJ1	98.545	After	Interior Girder 6	42.125	0.95	1	1	9.047139
HS20_str_opr	BOBJ1	98.545	After	Right Exterior Girder	42.125	0.95	1	1	13.913173
HS20_str_opr	BOBJ1	106.97	Before	Left Exterior Girder	50.55	0.95	1	1	13.675351
HS20_str_opr	BOBJ1	106.97	Before	Interior Girder 1	50.55	0.95	1	1	8.835536
HS20_str_opr	BOBJ1	106.97	Before	Interior Girder 2	50.55	0.95	1	1	8.223358
HS20_str_opr	BOBJ1	106.97	Before	Interior Girder 3	50.55	0.95	1	1	7.34775
HS20_str_opr	BOBJ1	106.97	Before	Interior Girder 4	50.55	0.95	1	1	7.34775
HS20_str_opr	BOBJ1	106.97	Before	Interior Girder 5	50.55	0.95	1	1	8.223358
HS20_str_opr	BOBJ1	106.97	Before	Interior Girder 6	50.55	0.95	1	1	8.835536
HS20_str_opr	BOBJ1	106.97	Before	Right Exterior Girder	50.55	0.95	1	1	13.675351
HS20_str_opr	BOBJ1	106.97	After	Left Exterior Girder	50.55	0.95	1	1	8.50996
HS20_str_opr	BOBJ1	106.97	After	Interior Girder 1	50.55	0.95	1	1	7.997712
HS20_str_opr	BOBJ1	106.97	After	Interior Girder 2	50.55	0.95	1	1	7.377004
HS20_str_opr	BOBJ1	106.97	After	Interior Girder 3	50.55	0.95	1	1	6.827405
HS20_str_opr	BOBJ1	106.97	After	Interior Girder 4	50.55	0.95	1	1	6.827405
HS20_str_opr	BOBJ1	106.97	After	Interior Girder 5	50.55	0.95	1	1	7.377004
HS20_str_opr	BOBJ1	106.97	After	Interior Girder 6	50.55	0.95	1	1	7.997712
HS20_str_opr	BOBJ1	106.97	After	Right Exterior Girder	50.55	0.95	1	1	8.50996
HS20_str_opr	BOBJ1	115.405	Before	Left Exterior Girder	58.985	0.95	1	1	8.356419
HS20_str_opr	BOBJ1	115.405	Before	Interior Girder 1	58.985	0.95	1	1	7.803787
HS20_str_opr	BOBJ1	115.405	Before	Interior Girder 2	58.985	0.95	1	1	7.200164
HS20_str_opr	BOBJ1	115.405	Before	Interior Girder 3	58.985	0.95	1	1	6.661142
HS20_str_opr	BOBJ1	115.405	Before	Interior Girder 4	58.985	0.95	1	1	6.661142
HS20_str_opr	BOBJ1	115.405	Before	Interior Girder 5	58.985	0.95	1	1	7.200164
HS20_str_opr	BOBJ1	115.405	Before	Interior Girder 6	58.985	0.95	1	1	7.803787
HS20_str_opr	BOBJ1	115.405	Before	Right Exterior Girder	58.985	0.95	1	1	8.356419
HS20_str_opr	BOBJ1	115.405	After	Left Exterior Girder	58.985	0.95	1	1	5.510525
HS20_str_opr	BOBJ1	115.405	After	Interior Girder 1	58.985	0.95	1	1	6.744163
HS20_str_opr	BOBJ1	115.405	After	Interior Girder 2	58.985	0.95	1	1	5.198482
HS20_str_opr	BOBJ1	115.405	After	Interior Girder 3	58.985	0.95	1	1	4.405084
HS20_str_opr	BOBJ1	115.405	After	Interior Girder 4	58.985	0.95	1	1	4.405084
HS20_str_opr	BOBJ1	115.405	After	Interior Girder 5	58.985	0.95	1	1	5.198482
HS20_str_opr	BOBJ1	115.405	After	Interior Girder 6	58.985	0.95	1	1	6.744163
HS20_str_opr	BOBJ1	115.405	After	Right Exterior Girder	58.985	0.95	1	1	5.510525
HS20_str_opr	BOBJ1	116.34	Before	Left Exterior Girder	59.92	0.95	1	1	5.498444
HS20_str_opr	BOBJ1	116.34	Before	Right Exterior Girder	59.92	0.95	1	1	5.498444
HS20_str_opr	BOBJ1	116.34	After	Left Exterior Girder	59.92	0.95	1	1	4.973144
HS20_str_opr	BOBJ1	116.34	After	Right Exterior Girder	59.92	0.95	1	1	4.973144
HS20_str_opr	BOBJ1	118.84	Before	Interior Girder 1	62.42	0.95	1	1	5.390396
HS20_str_opr	BOBJ1	118.84	Before	Interior Girder 2	62.42	0.95	1	1	5.146261
HS20_str_opr	BOBJ1	118.84	Before	Interior Girder 3	62.42	0.95	1	1	4.359923
HS20_str_opr	BOBJ1	118.84	Before	Interior Girder 4	62.42	0.95	1	1	4.359923
HS20_str_opr	BOBJ1	118.84	Before	Interior Girder 5	62.42	0.95	1	1	5.146261
HS20_str_opr	BOBJ1	118.84	Before	Interior Girder 6	62.42	0.95	1	1	5.390396
HS20_str_opr	BOBJ1	118.84	After	Interior Girder 1	62.42	0.95	1	1	4.950455
HS20_str_opr	BOBJ1	118.84	After	Interior Girder 2	62.42	0.95	1	1	4.606455
HS20_str_opr	BOBJ1	118.84	After	Interior Girder 3	62.42	0.95	1	1	3.743578
HS20_str_opr	BOBJ1	118.84	After	Interior Girder 4	62.42	0.95	1	1	3.743578
HS20_str_opr	BOBJ1	118.84	After	Interior Girder 5	62.42	0.95	1	1	4.606455
HS20_str_opr	BOBJ1	118.84	After	Interior Girder 6	62.42	0.95	1	1	4.950455
HS20_str_opr	BOBJ1	123.84	Before	Left Exterior Girder	67.42	0.95	1	1	7.226427
HS20_str_opr	BOBJ1	123.84	Before	Interior Girder 1	67.42	0.95	1	1	4.872985
HS20_str_opr	BOBJ1	123.84	Before	Interior Girder 2	67.42	0.95	1	1	4.535163

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Approach, Span 7-11									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
HS20_str_opr	BOBJ1	123.84	Before	Interior Girder 3	67.42	0.95	1	1	3.684188
HS20_str_opr	BOBJ1	123.84	Before	Interior Girder 4	67.42	0.95	1	1	3.684188
HS20_str_opr	BOBJ1	123.84	Before	Interior Girder 5	67.42	0.95	1	1	4.535163
HS20_str_opr	BOBJ1	123.84	Before	Interior Girder 6	67.42	0.95	1	1	4.872985
HS20_str_opr	BOBJ1	123.84	Before	Right Exterior Girder	67.42	0.95	1	1	7.226427
HS20_str_opr	BOBJ1	123.84	After	Left Exterior Girder	0	0.95	1	1	7.155451
HS20_str_opr	BOBJ1	123.84	After	Interior Girder 1	0	0.95	1	1	4.857885
HS20_str_opr	BOBJ1	123.84	After	Interior Girder 2	0	0.95	1	1	4.524898
HS20_str_opr	BOBJ1	123.84	After	Interior Girder 3	0	0.95	1	1	3.678817
HS20_str_opr	BOBJ1	123.84	After	Interior Girder 4	0	0.95	1	1	3.678817
HS20_str_opr	BOBJ1	123.84	After	Interior Girder 5	0	0.95	1	1	4.524898
HS20_str_opr	BOBJ1	123.84	After	Interior Girder 6	0	0.95	1	1	4.857885
HS20_str_opr	BOBJ1	123.84	After	Right Exterior Girder	0	0.95	1	1	7.155451
HS20_str_opr	BOBJ1	128.84	Before	Interior Girder 1	5	0.95	1	1	4.935183
HS20_str_opr	BOBJ1	128.84	Before	Interior Girder 2	5	0.95	1	1	4.596074
HS20_str_opr	BOBJ1	128.84	Before	Interior Girder 3	5	0.95	1	1	3.738155
HS20_str_opr	BOBJ1	128.84	Before	Interior Girder 4	5	0.95	1	1	3.738155
HS20_str_opr	BOBJ1	128.84	Before	Interior Girder 5	5	0.95	1	1	4.596074
HS20_str_opr	BOBJ1	128.84	Before	Interior Girder 6	5	0.95	1	1	4.935183
HS20_str_opr	BOBJ1	128.84	After	Interior Girder 1	5	0.95	1	1	5.367579
HS20_str_opr	BOBJ1	128.84	After	Interior Girder 2	5	0.95	1	1	5.13099
HS20_str_opr	BOBJ1	128.84	After	Interior Girder 3	5	0.95	1	1	4.350603
HS20_str_opr	BOBJ1	128.84	After	Interior Girder 4	5	0.95	1	1	4.350603
HS20_str_opr	BOBJ1	128.84	After	Interior Girder 5	5	0.95	1	1	5.13099
HS20_str_opr	BOBJ1	128.84	After	Interior Girder 6	5	0.95	1	1	5.367579
HS20_str_opr	BOBJ1	131.34	Before	Left Exterior Girder	7.5	0.95	1	1	4.924331
HS20_str_opr	BOBJ1	131.34	Before	Right Exterior Girder	7.5	0.95	1	1	4.924331
HS20_str_opr	BOBJ1	131.34	After	Left Exterior Girder	7.5	0.95	1	1	5.427622
HS20_str_opr	BOBJ1	131.34	After	Right Exterior Girder	7.5	0.95	1	1	5.427622
HS20_str_opr	BOBJ1	132.265	Before	Left Exterior Girder	8.425	0.95	1	1	5.439437
HS20_str_opr	BOBJ1	132.265	Before	Interior Girder 1	8.425	0.95	1	1	6.732816
HS20_str_opr	BOBJ1	132.265	Before	Interior Girder 2	8.425	0.95	1	1	5.182938
HS20_str_opr	BOBJ1	132.265	Before	Interior Girder 3	8.425	0.95	1	1	4.395561
HS20_str_opr	BOBJ1	132.265	Before	Interior Girder 4	8.425	0.95	1	1	4.395561
HS20_str_opr	BOBJ1	132.265	Before	Interior Girder 5	8.425	0.95	1	1	5.182938
HS20_str_opr	BOBJ1	132.265	Before	Interior Girder 6	8.425	0.95	1	1	6.732816
HS20_str_opr	BOBJ1	132.265	Before	Right Exterior Girder	8.425	0.95	1	1	5.439437
HS20_str_opr	BOBJ1	132.265	After	Left Exterior Girder	8.425	0.95	1	1	8.25453
HS20_str_opr	BOBJ1	132.265	After	Interior Girder 1	8.425	0.95	1	1	7.743082
HS20_str_opr	BOBJ1	132.265	After	Interior Girder 2	8.425	0.95	1	1	7.16322
HS20_str_opr	BOBJ1	132.265	After	Interior Girder 3	8.425	0.95	1	1	6.630523
HS20_str_opr	BOBJ1	132.265	After	Interior Girder 4	8.425	0.95	1	1	6.630523
HS20_str_opr	BOBJ1	132.265	After	Interior Girder 5	8.425	0.95	1	1	7.16322
HS20_str_opr	BOBJ1	132.265	After	Interior Girder 6	8.425	0.95	1	1	7.743082
HS20_str_opr	BOBJ1	132.265	After	Right Exterior Girder	8.425	0.95	1	1	8.25453
HS20_str_opr	BOBJ1	140.69	Before	Left Exterior Girder	16.85	0.95	1	1	8.406174
HS20_str_opr	BOBJ1	140.69	Before	Interior Girder 1	16.85	0.95	1	1	7.935447
HS20_str_opr	BOBJ1	140.69	Before	Interior Girder 2	16.85	0.95	1	1	7.339063
HS20_str_opr	BOBJ1	140.69	Before	Interior Girder 3	16.85	0.95	1	1	6.795922
HS20_str_opr	BOBJ1	140.69	Before	Interior Girder 4	16.85	0.95	1	1	6.795922
HS20_str_opr	BOBJ1	140.69	Before	Interior Girder 5	16.85	0.95	1	1	7.339063
HS20_str_opr	BOBJ1	140.69	Before	Interior Girder 6	16.85	0.95	1	1	7.935447
HS20_str_opr	BOBJ1	140.69	Before	Right Exterior Girder	16.85	0.95	1	1	8.406174
HS20_str_opr	BOBJ1	140.69	After	Left Exterior Girder	16.85	0.95	1	1	13.458407
HS20_str_opr	BOBJ1	140.69	After	Interior Girder 1	16.85	0.95	1	1	8.745791
HS20_str_opr	BOBJ1	140.69	After	Interior Girder 2	16.85	0.95	1	1	8.165294
HS20_str_opr	BOBJ1	140.69	After	Interior Girder 3	16.85	0.95	1	1	7.32169
HS20_str_opr	BOBJ1	140.69	After	Interior Girder 4	16.85	0.95	1	1	7.32169
HS20_str_opr	BOBJ1	140.69	After	Interior Girder 5	16.85	0.95	1	1	8.165294
HS20_str_opr	BOBJ1	140.69	After	Interior Girder 6	16.85	0.95	1	1	8.745791
HS20_str_opr	BOBJ1	140.69	After	Right Exterior Girder	16.85	0.95	1	1	13.458407
HS20_str_opr	BOBJ1	149.115	Before	Left Exterior Girder	25.275	0.95	1	1	13.692741
HS20_str_opr	BOBJ1	149.115	Before	Interior Girder 1	25.275	0.95	1	1	8.955457
HS20_str_opr	BOBJ1	149.115	Before	Interior Girder 2	25.275	0.95	1	1	8.360604
HS20_str_opr	BOBJ1	149.115	Before	Interior Girder 3	25.275	0.95	1	1	7.49665

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Approach, Span 7-11									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
HS20_str_opr	BOBJ1	149.115	Before	Interior Girder 4	25.275	0.95	1	1	7.49665
HS20_str_opr	BOBJ1	149.115	Before	Interior Girder 5	25.275	0.95	1	1	8.360604
HS20_str_opr	BOBJ1	149.115	Before	Interior Girder 6	25.275	0.95	1	1	8.955457
HS20_str_opr	BOBJ1	149.115	Before	Right Exterior Girder	25.275	0.95	1	1	13.692741
HS20_str_opr	BOBJ1	149.115	After	Left Exterior Girder	25.275	0.95	1	1	17.85198
HS20_str_opr	BOBJ1	149.115	After	Interior Girder 1	25.275	0.95	1	1	14.174315
HS20_str_opr	BOBJ1	149.115	After	Interior Girder 2	25.275	0.95	1	1	12.843882
HS20_str_opr	BOBJ1	149.115	After	Interior Girder 3	25.275	0.95	1	1	11.412099
HS20_str_opr	BOBJ1	149.115	After	Interior Girder 4	25.275	0.95	1	1	11.412099
HS20_str_opr	BOBJ1	149.115	After	Interior Girder 5	25.275	0.95	1	1	12.843882
HS20_str_opr	BOBJ1	149.115	After	Interior Girder 6	25.275	0.95	1	1	14.174315
HS20_str_opr	BOBJ1	149.115	After	Right Exterior Girder	25.275	0.95	1	1	17.85198
HS20_str_opr	BOBJ1	157.54	Before	Left Exterior Girder	33.7	0.95	1	1	18.147551
HS20_str_opr	BOBJ1	157.54	Before	Interior Girder 1	33.7	0.95	1	1	14.503885
HS20_str_opr	BOBJ1	157.54	Before	Interior Girder 2	33.7	0.95	1	1	13.141198
HS20_str_opr	BOBJ1	157.54	Before	Interior Girder 3	33.7	0.95	1	1	11.161963
HS20_str_opr	BOBJ1	157.54	Before	Interior Girder 4	33.7	0.95	1	1	11.161963
HS20_str_opr	BOBJ1	157.54	Before	Interior Girder 5	33.7	0.95	1	1	13.141198
HS20_str_opr	BOBJ1	157.54	Before	Interior Girder 6	33.7	0.95	1	1	14.503885
HS20_str_opr	BOBJ1	157.54	Before	Right Exterior Girder	33.7	0.95	1	1	18.147551
HS20_str_opr	BOBJ1	157.54	After	Left Exterior Girder	33.7	0.95	1	1	18.175375
HS20_str_opr	BOBJ1	157.54	After	Interior Girder 1	33.7	0.95	1	1	14.51425
HS20_str_opr	BOBJ1	157.54	After	Interior Girder 2	33.7	0.95	1	1	13.15016
HS20_str_opr	BOBJ1	157.54	After	Interior Girder 3	33.7	0.95	1	1	11.155357
HS20_str_opr	BOBJ1	157.54	After	Interior Girder 4	33.7	0.95	1	1	11.155357
HS20_str_opr	BOBJ1	157.54	After	Interior Girder 5	33.7	0.95	1	1	13.15016
HS20_str_opr	BOBJ1	157.54	After	Interior Girder 6	33.7	0.95	1	1	14.51425
HS20_str_opr	BOBJ1	157.54	After	Right Exterior Girder	33.7	0.95	1	1	18.175375
HS20_str_opr	BOBJ1	165.965	Before	Left Exterior Girder	42.125	0.95	1	1	17.879372
HS20_str_opr	BOBJ1	165.965	Before	Interior Girder 1	42.125	0.95	1	1	14.184452
HS20_str_opr	BOBJ1	165.965	Before	Interior Girder 2	42.125	0.95	1	1	12.852648
HS20_str_opr	BOBJ1	165.965	Before	Interior Girder 3	42.125	0.95	1	1	11.405355
HS20_str_opr	BOBJ1	165.965	Before	Interior Girder 4	42.125	0.95	1	1	11.405355
HS20_str_opr	BOBJ1	165.965	Before	Interior Girder 5	42.125	0.95	1	1	12.852648
HS20_str_opr	BOBJ1	165.965	Before	Interior Girder 6	42.125	0.95	1	1	14.184452
HS20_str_opr	BOBJ1	165.965	Before	Right Exterior Girder	42.125	0.95	1	1	17.879372
HS20_str_opr	BOBJ1	165.965	After	Left Exterior Girder	42.125	0.95	1	1	13.708017
HS20_str_opr	BOBJ1	165.965	After	Interior Girder 1	42.125	0.95	1	1	8.959698
HS20_str_opr	BOBJ1	165.965	After	Interior Girder 2	42.125	0.95	1	1	8.36446
HS20_str_opr	BOBJ1	165.965	After	Interior Girder 3	42.125	0.95	1	1	7.500034
HS20_str_opr	BOBJ1	165.965	After	Interior Girder 4	42.125	0.95	1	1	7.500034
HS20_str_opr	BOBJ1	165.965	After	Interior Girder 5	42.125	0.95	1	1	8.36446
HS20_str_opr	BOBJ1	165.965	After	Interior Girder 6	42.125	0.95	1	1	8.959698
HS20_str_opr	BOBJ1	165.965	After	Right Exterior Girder	42.125	0.95	1	1	13.708017
HS20_str_opr	BOBJ1	174.39	Before	Left Exterior Girder	50.55	0.95	1	1	13.47344
HS20_str_opr	BOBJ1	174.39	Before	Interior Girder 1	50.55	0.95	1	1	8.749938
HS20_str_opr	BOBJ1	174.39	Before	Interior Girder 2	50.55	0.95	1	1	8.169063
HS20_str_opr	BOBJ1	174.39	Before	Interior Girder 3	50.55	0.95	1	1	7.325004
HS20_str_opr	BOBJ1	174.39	Before	Interior Girder 4	50.55	0.95	1	1	7.325004
HS20_str_opr	BOBJ1	174.39	Before	Interior Girder 5	50.55	0.95	1	1	8.169063
HS20_str_opr	BOBJ1	174.39	Before	Interior Girder 6	50.55	0.95	1	1	8.749938
HS20_str_opr	BOBJ1	174.39	Before	Right Exterior Girder	50.55	0.95	1	1	13.47344
HS20_str_opr	BOBJ1	174.39	After	Left Exterior Girder	50.55	0.95	1	1	8.413637
HS20_str_opr	BOBJ1	174.39	After	Interior Girder 1	50.55	0.95	1	1	7.938898
HS20_str_opr	BOBJ1	174.39	After	Interior Girder 2	50.55	0.95	1	1	7.340726
HS20_str_opr	BOBJ1	174.39	After	Interior Girder 3	50.55	0.95	1	1	6.802447
HS20_str_opr	BOBJ1	174.39	After	Interior Girder 4	50.55	0.95	1	1	6.802447
HS20_str_opr	BOBJ1	174.39	After	Interior Girder 5	50.55	0.95	1	1	7.340726
HS20_str_opr	BOBJ1	174.39	After	Interior Girder 6	50.55	0.95	1	1	7.938898
HS20_str_opr	BOBJ1	174.39	After	Right Exterior Girder	50.55	0.95	1	1	8.413637
HS20_str_opr	BOBJ1	182.825	Before	Left Exterior Girder	58.985	0.95	1	1	8.261696
HS20_str_opr	BOBJ1	182.825	Before	Interior Girder 1	58.985	0.95	1	1	7.746212
HS20_str_opr	BOBJ1	182.825	Before	Interior Girder 2	58.985	0.95	1	1	7.164626
HS20_str_opr	BOBJ1	182.825	Before	Interior Girder 3	58.985	0.95	1	1	6.636711
HS20_str_opr	BOBJ1	182.825	Before	Interior Girder 4	58.985	0.95	1	1	6.636711

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Approach, Span 7-11									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
HS20_str_opr	BOBJ1	182.825	Before	Interior Girder 5	58.985	0.95	1	1	7.164626
HS20_str_opr	BOBJ1	182.825	Before	Interior Girder 6	58.985	0.95	1	1	7.746212
HS20_str_opr	BOBJ1	182.825	Before	Right Exterior Girder	58.985	0.95	1	1	8.261696
HS20_str_opr	BOBJ1	182.825	After	Left Exterior Girder	58.985	0.95	1	1	5.460929
HS20_str_opr	BOBJ1	182.825	After	Interior Girder 1	58.985	0.95	1	1	6.716922
HS20_str_opr	BOBJ1	182.825	After	Interior Girder 2	58.985	0.95	1	1	5.181523
HS20_str_opr	BOBJ1	182.825	After	Interior Girder 3	58.985	0.95	1	1	4.397225
HS20_str_opr	BOBJ1	182.825	After	Interior Girder 4	58.985	0.95	1	1	4.397225
HS20_str_opr	BOBJ1	182.825	After	Interior Girder 5	58.985	0.95	1	1	5.181523
HS20_str_opr	BOBJ1	182.825	After	Interior Girder 6	58.985	0.95	1	1	6.716922
HS20_str_opr	BOBJ1	182.825	After	Right Exterior Girder	58.985	0.95	1	1	5.460929
HS20_str_opr	BOBJ1	183.76	Before	Left Exterior Girder	59.92	0.95	1	1	5.448946
HS20_str_opr	BOBJ1	183.76	Before	Right Exterior Girder	59.92	0.95	1	1	5.448946
HS20_str_opr	BOBJ1	183.76	After	Left Exterior Girder	59.92	0.95	1	1	4.939079
HS20_str_opr	BOBJ1	183.76	After	Right Exterior Girder	59.92	0.95	1	1	4.939079
HS20_str_opr	BOBJ1	186.26	Before	Interior Girder 1	62.42	0.95	1	1	5.367215
HS20_str_opr	BOBJ1	186.26	Before	Interior Girder 2	62.42	0.95	1	1	5.129433
HS20_str_opr	BOBJ1	186.26	Before	Interior Girder 3	62.42	0.95	1	1	4.352122
HS20_str_opr	BOBJ1	186.26	Before	Interior Girder 4	62.42	0.95	1	1	4.352122
HS20_str_opr	BOBJ1	186.26	Before	Interior Girder 5	62.42	0.95	1	1	5.129433
HS20_str_opr	BOBJ1	186.26	Before	Interior Girder 6	62.42	0.95	1	1	5.367215
HS20_str_opr	BOBJ1	186.26	After	Interior Girder 1	62.42	0.95	1	1	4.932903
HS20_str_opr	BOBJ1	186.26	After	Interior Girder 2	62.42	0.95	1	1	4.593669
HS20_str_opr	BOBJ1	186.26	After	Interior Girder 3	62.42	0.95	1	1	3.73808
HS20_str_opr	BOBJ1	186.26	After	Interior Girder 4	62.42	0.95	1	1	3.73808
HS20_str_opr	BOBJ1	186.26	After	Interior Girder 5	62.42	0.95	1	1	4.593669
HS20_str_opr	BOBJ1	186.26	After	Interior Girder 6	62.42	0.95	1	1	4.932903
HS20_str_opr	BOBJ1	191.26	Before	Left Exterior Girder	67.42	0.95	1	1	7.159263
HS20_str_opr	BOBJ1	191.26	Before	Interior Girder 1	67.42	0.95	1	1	4.85563
HS20_str_opr	BOBJ1	191.26	Before	Interior Girder 2	67.42	0.95	1	1	4.52252
HS20_str_opr	BOBJ1	191.26	Before	Interior Girder 3	67.42	0.95	1	1	3.678747
HS20_str_opr	BOBJ1	191.26	Before	Interior Girder 4	67.42	0.95	1	1	3.678747
HS20_str_opr	BOBJ1	191.26	Before	Interior Girder 5	67.42	0.95	1	1	4.52252
HS20_str_opr	BOBJ1	191.26	Before	Interior Girder 6	67.42	0.95	1	1	4.85563
HS20_str_opr	BOBJ1	191.26	Before	Right Exterior Girder	67.42	0.95	1	1	7.159263
HS20_str_opr	BOBJ1	191.26	After	Left Exterior Girder	0	0.95	1	1	7.220454
HS20_str_opr	BOBJ1	191.26	After	Interior Girder 1	0	0.95	1	1	4.874408
HS20_str_opr	BOBJ1	191.26	After	Interior Girder 2	0	0.95	1	1	4.536991
HS20_str_opr	BOBJ1	191.26	After	Interior Girder 3	0	0.95	1	1	3.683839
HS20_str_opr	BOBJ1	191.26	After	Interior Girder 4	0	0.95	1	1	3.683839
HS20_str_opr	BOBJ1	191.26	After	Interior Girder 5	0	0.95	1	1	4.536991
HS20_str_opr	BOBJ1	191.26	After	Interior Girder 6	0	0.95	1	1	4.874408
HS20_str_opr	BOBJ1	191.26	After	Right Exterior Girder	0	0.95	1	1	7.220454
HS20_str_opr	BOBJ1	196.26	Before	Interior Girder 1	5	0.95	1	1	4.951903
HS20_str_opr	BOBJ1	196.26	Before	Interior Girder 2	5	0.95	1	1	4.608311
HS20_str_opr	BOBJ1	196.26	Before	Interior Girder 3	5	0.95	1	1	3.743232
HS20_str_opr	BOBJ1	196.26	Before	Interior Girder 4	5	0.95	1	1	3.743232
HS20_str_opr	BOBJ1	196.26	Before	Interior Girder 5	5	0.95	1	1	4.608311
HS20_str_opr	BOBJ1	196.26	Before	Interior Girder 6	5	0.95	1	1	4.951903
HS20_str_opr	BOBJ1	196.26	After	Interior Girder 1	5	0.95	1	1	5.389843
HS20_str_opr	BOBJ1	196.26	After	Interior Girder 2	5	0.95	1	1	5.14719
HS20_str_opr	BOBJ1	196.26	After	Interior Girder 3	5	0.95	1	1	4.357921
HS20_str_opr	BOBJ1	196.26	After	Interior Girder 4	5	0.95	1	1	4.357921
HS20_str_opr	BOBJ1	196.26	After	Interior Girder 5	5	0.95	1	1	5.14719
HS20_str_opr	BOBJ1	196.26	After	Interior Girder 6	5	0.95	1	1	5.389843
HS20_str_opr	BOBJ1	198.76	Before	Left Exterior Girder	7.5	0.95	1	1	4.956194
HS20_str_opr	BOBJ1	198.76	Before	Right Exterior Girder	7.5	0.95	1	1	4.956194
HS20_str_opr	BOBJ1	198.76	After	Left Exterior Girder	7.5	0.95	1	1	5.474578
HS20_str_opr	BOBJ1	198.76	After	Right Exterior Girder	7.5	0.95	1	1	5.474578
HS20_str_opr	BOBJ1	199.685	Before	Left Exterior Girder	8.425	0.95	1	1	5.486489
HS20_str_opr	BOBJ1	199.685	Before	Interior Girder 1	8.425	0.95	1	1	6.759712
HS20_str_opr	BOBJ1	199.685	Before	Interior Girder 2	8.425	0.95	1	1	5.199268
HS20_str_opr	BOBJ1	199.685	Before	Interior Girder 3	8.425	0.95	1	1	4.402937
HS20_str_opr	BOBJ1	199.685	Before	Interior Girder 4	8.425	0.95	1	1	4.402937
HS20_str_opr	BOBJ1	199.685	Before	Interior Girder 5	8.425	0.95	1	1	5.199268

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Approach, Span 7-11									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
HS20_str_opr	BOBJ1	199.685	Before	Interior Girder 6	8.425	0.95	1	1	6.759712
HS20_str_opr	BOBJ1	199.685	Before	Right Exterior Girder	8.425	0.95	1	1	5.486489
HS20_str_opr	BOBJ1	199.685	After	Left Exterior Girder	8.425	0.95	1	1	8.346917
HS20_str_opr	BOBJ1	199.685	After	Interior Girder 1	8.425	0.95	1	1	7.799225
HS20_str_opr	BOBJ1	199.685	After	Interior Girder 2	8.425	0.95	1	1	7.197822
HS20_str_opr	BOBJ1	199.685	After	Interior Girder 3	8.425	0.95	1	1	6.654195
HS20_str_opr	BOBJ1	199.685	After	Interior Girder 4	8.425	0.95	1	1	6.654195
HS20_str_opr	BOBJ1	199.685	After	Interior Girder 5	8.425	0.95	1	1	7.197822
HS20_str_opr	BOBJ1	199.685	After	Interior Girder 6	8.425	0.95	1	1	7.799225
HS20_str_opr	BOBJ1	199.685	After	Right Exterior Girder	8.425	0.95	1	1	8.346917
HS20_str_opr	BOBJ1	208.11	Before	Left Exterior Girder	16.85	0.95	1	1	8.500158
HS20_str_opr	BOBJ1	208.11	Before	Interior Girder 1	16.85	0.95	1	1	7.992824
HS20_str_opr	BOBJ1	208.11	Before	Interior Girder 2	16.85	0.95	1	1	7.374403
HS20_str_opr	BOBJ1	208.11	Before	Interior Girder 3	16.85	0.95	1	1	6.82012
HS20_str_opr	BOBJ1	208.11	Before	Interior Girder 4	16.85	0.95	1	1	6.82012
HS20_str_opr	BOBJ1	208.11	Before	Interior Girder 5	16.85	0.95	1	1	7.374403
HS20_str_opr	BOBJ1	208.11	Before	Interior Girder 6	16.85	0.95	1	1	7.992824
HS20_str_opr	BOBJ1	208.11	Before	Right Exterior Girder	16.85	0.95	1	1	8.500158
HS20_str_opr	BOBJ1	208.11	After	Left Exterior Girder	16.85	0.95	1	1	13.65646
HS20_str_opr	BOBJ1	208.11	After	Interior Girder 1	16.85	0.95	1	1	8.829633
HS20_str_opr	BOBJ1	208.11	After	Interior Girder 2	16.85	0.95	1	1	8.218535
HS20_str_opr	BOBJ1	208.11	After	Interior Girder 3	16.85	0.95	1	1	7.343761
HS20_str_opr	BOBJ1	208.11	After	Interior Girder 4	16.85	0.95	1	1	7.343761
HS20_str_opr	BOBJ1	208.11	After	Interior Girder 5	16.85	0.95	1	1	8.218535
HS20_str_opr	BOBJ1	208.11	After	Interior Girder 6	16.85	0.95	1	1	8.829633
HS20_str_opr	BOBJ1	208.11	After	Right Exterior Girder	16.85	0.95	1	1	13.65646
HS20_str_opr	BOBJ1	216.535	Before	Left Exterior Girder	25.275	0.95	1	1	13.894033
HS20_str_opr	BOBJ1	216.535	Before	Interior Girder 1	25.275	0.95	1	1	9.041136
HS20_str_opr	BOBJ1	216.535	Before	Interior Girder 2	25.275	0.95	1	1	8.415021
HS20_str_opr	BOBJ1	216.535	Before	Interior Girder 3	25.275	0.95	1	1	7.51921
HS20_str_opr	BOBJ1	216.535	Before	Interior Girder 4	25.275	0.95	1	1	7.51921
HS20_str_opr	BOBJ1	216.535	Before	Interior Girder 5	25.275	0.95	1	1	8.415021
HS20_str_opr	BOBJ1	216.535	Before	Interior Girder 6	25.275	0.95	1	1	9.041136
HS20_str_opr	BOBJ1	216.535	Before	Right Exterior Girder	25.275	0.95	1	1	13.894033
HS20_str_opr	BOBJ1	216.535	After	Left Exterior Girder	25.275	0.95	1	1	18.260327
HS20_str_opr	BOBJ1	216.535	After	Interior Girder 1	25.275	0.95	1	1	14.35122
HS20_str_opr	BOBJ1	216.535	After	Interior Girder 2	25.275	0.95	1	1	12.942482
HS20_str_opr	BOBJ1	216.535	After	Interior Girder 3	25.275	0.95	1	1	11.376765
HS20_str_opr	BOBJ1	216.535	After	Interior Girder 4	25.275	0.95	1	1	11.376765
HS20_str_opr	BOBJ1	216.535	After	Interior Girder 5	25.275	0.95	1	1	12.942482
HS20_str_opr	BOBJ1	216.535	After	Interior Girder 6	25.275	0.95	1	1	14.35122
HS20_str_opr	BOBJ1	216.535	After	Right Exterior Girder	25.275	0.95	1	1	18.260327
HS20_str_opr	BOBJ1	224.96	Before	Left Exterior Girder	33.7	0.95	1	1	18.562399
HS20_str_opr	BOBJ1	224.96	Before	Interior Girder 1	33.7	0.95	1	1	14.684637
HS20_str_opr	BOBJ1	224.96	Before	Interior Girder 2	33.7	0.95	1	1	13.137008
HS20_str_opr	BOBJ1	224.96	Before	Interior Girder 3	33.7	0.95	1	1	11.127357
HS20_str_opr	BOBJ1	224.96	Before	Interior Girder 4	33.7	0.95	1	1	11.127357
HS20_str_opr	BOBJ1	224.96	Before	Interior Girder 5	33.7	0.95	1	1	13.137008
HS20_str_opr	BOBJ1	224.96	Before	Interior Girder 6	33.7	0.95	1	1	14.684637
HS20_str_opr	BOBJ1	224.96	Before	Right Exterior Girder	33.7	0.95	1	1	18.562399
HS20_str_opr	BOBJ1	224.96	After	Left Exterior Girder	33.7	0.95	1	1	17.750651
HS20_str_opr	BOBJ1	224.96	After	Interior Girder 1	33.7	0.95	1	1	14.376563
HS20_str_opr	BOBJ1	224.96	After	Interior Girder 2	33.7	0.95	1	1	13.050899
HS20_str_opr	BOBJ1	224.96	After	Interior Girder 3	33.7	0.95	1	1	11.269715
HS20_str_opr	BOBJ1	224.96	After	Interior Girder 4	33.7	0.95	1	1	11.269715
HS20_str_opr	BOBJ1	224.96	After	Interior Girder 5	33.7	0.95	1	1	13.050899
HS20_str_opr	BOBJ1	224.96	After	Interior Girder 6	33.7	0.95	1	1	14.376563
HS20_str_opr	BOBJ1	224.96	After	Right Exterior Girder	33.7	0.95	1	1	17.750651
HS20_str_opr	BOBJ1	233.385	Before	Left Exterior Girder	42.125	0.95	1	1	17.461084
HS20_str_opr	BOBJ1	233.385	Before	Interior Girder 1	42.125	0.95	1	1	14.049804
HS20_str_opr	BOBJ1	233.385	Before	Interior Girder 2	42.125	0.95	1	1	12.755617
HS20_str_opr	BOBJ1	233.385	Before	Interior Girder 3	42.125	0.95	1	1	11.522203
HS20_str_opr	BOBJ1	233.385	Before	Interior Girder 4	42.125	0.95	1	1	11.522203
HS20_str_opr	BOBJ1	233.385	Before	Interior Girder 5	42.125	0.95	1	1	12.755617
HS20_str_opr	BOBJ1	233.385	Before	Interior Girder 6	42.125	0.95	1	1	14.049804

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Approach, Span 7-11									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
HS20_str_opr	BOBJ1	233.385	Before	Right Exterior Girder	42.125	0.95	1	1	17.461084
HS20_str_opr	BOBJ1	233.385	After	Left Exterior Girder	42.125	0.95	1	1	13.45845
HS20_str_opr	BOBJ1	233.385	After	Interior Girder 1	42.125	0.95	1	1	8.895692
HS20_str_opr	BOBJ1	233.385	After	Interior Girder 2	42.125	0.95	1	1	8.318081
HS20_str_opr	BOBJ1	233.385	After	Interior Girder 3	42.125	0.95	1	1	7.464241
HS20_str_opr	BOBJ1	233.385	After	Interior Girder 4	42.125	0.95	1	1	7.464241
HS20_str_opr	BOBJ1	233.385	After	Interior Girder 5	42.125	0.95	1	1	8.318081
HS20_str_opr	BOBJ1	233.385	After	Interior Girder 6	42.125	0.95	1	1	8.895692
HS20_str_opr	BOBJ1	233.385	After	Right Exterior Girder	42.125	0.95	1	1	13.45845
HS20_str_opr	BOBJ1	241.81	Before	Left Exterior Girder	50.55	0.95	1	1	13.227721
HS20_str_opr	BOBJ1	241.81	Before	Interior Girder 1	50.55	0.95	1	1	8.687388
HS20_str_opr	BOBJ1	241.81	Before	Interior Girder 2	50.55	0.95	1	1	8.123763
HS20_str_opr	BOBJ1	241.81	Before	Interior Girder 3	50.55	0.95	1	1	7.289988
HS20_str_opr	BOBJ1	241.81	Before	Interior Girder 4	50.55	0.95	1	1	7.289988
HS20_str_opr	BOBJ1	241.81	Before	Interior Girder 5	50.55	0.95	1	1	8.123763
HS20_str_opr	BOBJ1	241.81	Before	Interior Girder 6	50.55	0.95	1	1	8.687388
HS20_str_opr	BOBJ1	241.81	Before	Right Exterior Girder	50.55	0.95	1	1	13.227721
HS20_str_opr	BOBJ1	241.81	After	Left Exterior Girder	50.55	0.95	1	1	8.45809
HS20_str_opr	BOBJ1	241.81	After	Interior Girder 1	50.55	0.95	1	1	7.838436
HS20_str_opr	BOBJ1	241.81	After	Interior Girder 2	50.55	0.95	1	1	7.198987
HS20_str_opr	BOBJ1	241.81	After	Interior Girder 3	50.55	0.95	1	1	6.617391
HS20_str_opr	BOBJ1	241.81	After	Interior Girder 4	50.55	0.95	1	1	6.617391
HS20_str_opr	BOBJ1	241.81	After	Interior Girder 5	50.55	0.95	1	1	7.198987
HS20_str_opr	BOBJ1	241.81	After	Interior Girder 6	50.55	0.95	1	1	7.838436
HS20_str_opr	BOBJ1	241.81	After	Right Exterior Girder	50.55	0.95	1	1	8.45809
HS20_str_opr	BOBJ1	245.18	Before	Left Exterior Girder	53.92	0.95	1	1	8.397476
HS20_str_opr	BOBJ1	245.18	Before	Interior Girder 1	53.92	0.95	1	1	7.762715
HS20_str_opr	BOBJ1	245.18	Before	Interior Girder 2	53.92	0.95	1	1	7.130182
HS20_str_opr	BOBJ1	245.18	Before	Interior Girder 3	53.92	0.95	1	1	6.553135
HS20_str_opr	BOBJ1	245.18	Before	Interior Girder 4	53.92	0.95	1	1	6.553135
HS20_str_opr	BOBJ1	245.18	Before	Interior Girder 5	53.92	0.95	1	1	7.130182
HS20_str_opr	BOBJ1	245.18	Before	Interior Girder 6	53.92	0.95	1	1	7.762715
HS20_str_opr	BOBJ1	245.18	Before	Right Exterior Girder	53.92	0.95	1	1	8.397476
HS20_str_opr	BOBJ1	245.18	After	Left Exterior Girder	53.92	0.95	1	1	8.850544
HS20_str_opr	BOBJ1	245.18	After	Interior Girder 1	53.92	0.95	1	1	7.155991
HS20_str_opr	BOBJ1	245.18	After	Interior Girder 2	53.92	0.95	1	1	6.61554
HS20_str_opr	BOBJ1	245.18	After	Interior Girder 3	53.92	0.95	1	1	5.953881
HS20_str_opr	BOBJ1	245.18	After	Interior Girder 4	53.92	0.95	1	1	5.953881
HS20_str_opr	BOBJ1	245.18	After	Interior Girder 5	53.92	0.95	1	1	6.61554
HS20_str_opr	BOBJ1	245.18	After	Interior Girder 6	53.92	0.95	1	1	7.155991
HS20_str_opr	BOBJ1	245.18	After	Right Exterior Girder	53.92	0.95	1	1	8.850544
HS20_str_opr	BOBJ1	250.245	Before	Left Exterior Girder	58.985	0.95	1	1	8.761015
HS20_str_opr	BOBJ1	250.245	Before	Interior Girder 1	58.985	0.95	1	1	7.054542
HS20_str_opr	BOBJ1	250.245	Before	Interior Girder 2	58.985	0.95	1	1	6.522679
HS20_str_opr	BOBJ1	250.245	Before	Interior Girder 3	58.985	0.95	1	1	5.868899
HS20_str_opr	BOBJ1	250.245	Before	Interior Girder 4	58.985	0.95	1	1	5.868899
HS20_str_opr	BOBJ1	250.245	Before	Interior Girder 5	58.985	0.95	1	1	6.522679
HS20_str_opr	BOBJ1	250.245	Before	Interior Girder 6	58.985	0.95	1	1	7.054542
HS20_str_opr	BOBJ1	250.245	Before	Right Exterior Girder	58.985	0.95	1	1	8.761015
HS20_str_opr	BOBJ1	250.245	After	Left Exterior Girder	58.985	0.95	1	1	7.299375
HS20_str_opr	BOBJ1	250.245	After	Interior Girder 1	58.985	0.95	1	1	6.182374
HS20_str_opr	BOBJ1	250.245	After	Interior Girder 2	58.985	0.95	1	1	5.419987
HS20_str_opr	BOBJ1	250.245	After	Interior Girder 3	58.985	0.95	1	1	4.608354
HS20_str_opr	BOBJ1	250.245	After	Interior Girder 4	58.985	0.95	1	1	4.608354
HS20_str_opr	BOBJ1	250.245	After	Interior Girder 5	58.985	0.95	1	1	5.419987
HS20_str_opr	BOBJ1	250.245	After	Interior Girder 6	58.985	0.95	1	1	6.182374
HS20_str_opr	BOBJ1	250.245	After	Right Exterior Girder	58.985	0.95	1	1	7.299375
HS20_str_opr	BOBJ1	251.68	Before	Left Exterior Girder	60.42	0.95	1	1	7.277572
HS20_str_opr	BOBJ1	251.68	Before	Right Exterior Girder	60.42	0.95	1	1	7.277572
HS20_str_opr	BOBJ1	251.68	After	Left Exterior Girder	60.42	0.95	1	1	6.640504
HS20_str_opr	BOBJ1	251.68	After	Right Exterior Girder	60.42	0.95	1	1	6.640504
HS20_str_opr	BOBJ1	254.18	Before	Interior Girder 1	62.92	0.95	1	1	5.609942
HS20_str_opr	BOBJ1	254.18	Before	Interior Girder 2	62.92	0.95	1	1	5.359837
HS20_str_opr	BOBJ1	254.18	Before	Interior Girder 3	62.92	0.95	1	1	4.556189
HS20_str_opr	BOBJ1	254.18	Before	Interior Girder 4	62.92	0.95	1	1	4.556189

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Approach, Span 7-11									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
HS20_str_opr	BOBJ1	254.18	Before	Interior Girder 5	62.92	0.95	1	1	5.359837
HS20_str_opr	BOBJ1	254.18	Before	Interior Girder 6	62.92	0.95	1	1	5.609942
HS20_str_opr	BOBJ1	254.18	After	Interior Girder 1	62.92	0.95	1	1	5.108248
HS20_str_opr	BOBJ1	254.18	After	Interior Girder 2	62.92	0.95	1	1	4.759407
HS20_str_opr	BOBJ1	254.18	After	Interior Girder 3	62.92	0.95	1	1	3.847911
HS20_str_opr	BOBJ1	254.18	After	Interior Girder 4	62.92	0.95	1	1	3.847911
HS20_str_opr	BOBJ1	254.18	After	Interior Girder 5	62.92	0.95	1	1	4.759407
HS20_str_opr	BOBJ1	254.18	After	Interior Girder 6	62.92	0.95	1	1	5.108248
HS20_str_opr	BOBJ1	258.68	Before	Left Exterior Girder	67.42	0.95	1	1	8.087299
HS20_str_opr	BOBJ1	258.68	Before	Interior Girder 1	67.42	0.95	1	1	5.040342
HS20_str_opr	BOBJ1	258.68	Before	Interior Girder 2	67.42	0.95	1	1	4.696754
HS20_str_opr	BOBJ1	258.68	Before	Interior Girder 3	67.42	0.95	1	1	3.796002
HS20_str_opr	BOBJ1	258.68	Before	Interior Girder 4	67.42	0.95	1	1	3.796002
HS20_str_opr	BOBJ1	258.68	Before	Interior Girder 5	67.42	0.95	1	1	4.696754
HS20_str_opr	BOBJ1	258.68	Before	Interior Girder 6	67.42	0.95	1	1	5.040342
HS20_str_opr	BOBJ1	258.68	Before	Right Exterior Girder	67.42	0.95	1	1	8.087299
HS20_str_opr	BOBJ1	258.68	After	Left Exterior Girder	0	0.95	1	1	8.415916
HS20_str_opr	BOBJ1	258.68	After	Interior Girder 1	0	0.95	1	1	4.972772
HS20_str_opr	BOBJ1	258.68	After	Interior Girder 2	0	0.95	1	1	4.620532
HS20_str_opr	BOBJ1	258.68	After	Interior Girder 3	0	0.95	1	1	3.730176
HS20_str_opr	BOBJ1	258.68	After	Interior Girder 4	0	0.95	1	1	3.730176
HS20_str_opr	BOBJ1	258.68	After	Interior Girder 5	0	0.95	1	1	4.620532
HS20_str_opr	BOBJ1	258.68	After	Interior Girder 6	0	0.95	1	1	4.972772
HS20_str_opr	BOBJ1	258.68	After	Right Exterior Girder	0	0.95	1	1	8.415916
HS20_str_opr	BOBJ1	263.18	Before	Interior Girder 1	4.5	0.95	1	1	5.040149
HS20_str_opr	BOBJ1	263.18	Before	Interior Girder 2	4.5	0.95	1	1	4.682536
HS20_str_opr	BOBJ1	263.18	Before	Interior Girder 3	4.5	0.95	1	1	3.78141
HS20_str_opr	BOBJ1	263.18	Before	Interior Girder 4	4.5	0.95	1	1	3.78141
HS20_str_opr	BOBJ1	263.18	Before	Interior Girder 5	4.5	0.95	1	1	4.682536
HS20_str_opr	BOBJ1	263.18	Before	Interior Girder 6	4.5	0.95	1	1	5.040149
HS20_str_opr	BOBJ1	263.18	After	Interior Girder 1	4.5	0.95	1	1	5.738929
HS20_str_opr	BOBJ1	263.18	After	Interior Girder 2	4.5	0.95	1	1	5.435994
HS20_str_opr	BOBJ1	263.18	After	Interior Girder 3	4.5	0.95	1	1	4.630013
HS20_str_opr	BOBJ1	263.18	After	Interior Girder 4	4.5	0.95	1	1	4.630013
HS20_str_opr	BOBJ1	263.18	After	Interior Girder 5	4.5	0.95	1	1	5.435994
HS20_str_opr	BOBJ1	263.18	After	Interior Girder 6	4.5	0.95	1	1	5.738929
HS20_str_opr	BOBJ1	265.68	Before	Left Exterior Girder	7	0.95	1	1	7.102089
HS20_str_opr	BOBJ1	265.68	Before	Right Exterior Girder	7	0.95	1	1	7.102089
HS20_str_opr	BOBJ1	265.68	After	Left Exterior Girder	7	0.95	1	1	8.110093
HS20_str_opr	BOBJ1	265.68	After	Right Exterior Girder	7	0.95	1	1	8.110093
HS20_str_opr	BOBJ1	268.08	Before	Left Exterior Girder	9.4	0.95	1	1	8.150829
HS20_str_opr	BOBJ1	268.08	Before	Interior Girder 1	9.4	0.95	1	1	6.167532
HS20_str_opr	BOBJ1	268.08	Before	Interior Girder 2	9.4	0.95	1	1	5.512381
HS20_str_opr	BOBJ1	268.08	Before	Interior Girder 3	9.4	0.95	1	1	4.69626
HS20_str_opr	BOBJ1	268.08	Before	Interior Girder 4	9.4	0.95	1	1	4.69626
HS20_str_opr	BOBJ1	268.08	Before	Interior Girder 5	9.4	0.95	1	1	5.512381
HS20_str_opr	BOBJ1	268.08	Before	Interior Girder 6	9.4	0.95	1	1	6.167532
HS20_str_opr	BOBJ1	268.08	Before	Right Exterior Girder	9.4	0.95	1	1	8.150829
HS20_str_opr	BOBJ1	268.08	After	Left Exterior Girder	9.4	0.95	1	1	9.99817
HS20_str_opr	BOBJ1	268.08	After	Interior Girder 1	9.4	0.95	1	1	8.807815
HS20_str_opr	BOBJ1	268.08	After	Interior Girder 2	9.4	0.95	1	1	7.933948
HS20_str_opr	BOBJ1	268.08	After	Interior Girder 3	9.4	0.95	1	1	7.384139
HS20_str_opr	BOBJ1	268.08	After	Interior Girder 4	9.4	0.95	1	1	7.384139
HS20_str_opr	BOBJ1	268.08	After	Interior Girder 5	9.4	0.95	1	1	7.933948
HS20_str_opr	BOBJ1	268.08	After	Interior Girder 6	9.4	0.95	1	1	8.807815
HS20_str_opr	BOBJ1	268.08	After	Right Exterior Girder	9.4	0.95	1	1	9.99817
HS20_str_opr	BOBJ1	277.48	Before	Left Exterior Girder	18.8	0.95	1	1	10.186527
HS20_str_opr	BOBJ1	277.48	Before	Interior Girder 1	18.8	0.95	1	1	9.043076
HS20_str_opr	BOBJ1	277.48	Before	Interior Girder 2	18.8	0.95	1	1	8.143717
HS20_str_opr	BOBJ1	277.48	Before	Interior Girder 3	18.8	0.95	1	1	7.582029
HS20_str_opr	BOBJ1	277.48	Before	Interior Girder 4	18.8	0.95	1	1	7.582029
HS20_str_opr	BOBJ1	277.48	Before	Interior Girder 5	18.8	0.95	1	1	8.143717
HS20_str_opr	BOBJ1	277.48	Before	Interior Girder 6	18.8	0.95	1	1	9.043076
HS20_str_opr	BOBJ1	277.48	Before	Right Exterior Girder	18.8	0.95	1	1	10.186527
HS20_str_opr	BOBJ1	277.48	After	Left Exterior Girder	18.8	0.95	1	1	18.598627

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Approach, Span 7-11									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
HS20_str_opr	BOBJ1	277.48	After	Interior Girder 1	18.8	0.95	1	1	10.426162
HS20_str_opr	BOBJ1	277.48	After	Interior Girder 2	18.8	0.95	1	1	9.501856
HS20_str_opr	BOBJ1	277.48	After	Interior Girder 3	18.8	0.95	1	1	8.262658
HS20_str_opr	BOBJ1	277.48	After	Interior Girder 4	18.8	0.95	1	1	8.262658
HS20_str_opr	BOBJ1	277.48	After	Interior Girder 5	18.8	0.95	1	1	9.501856
HS20_str_opr	BOBJ1	277.48	After	Interior Girder 6	18.8	0.95	1	1	10.426162
HS20_str_opr	BOBJ1	277.48	After	Right Exterior Girder	18.8	0.95	1	1	18.598627
HS20_str_opr	BOBJ1	286.88	Before	Left Exterior Girder	28.2	0.95	1	1	18.930938
HS20_str_opr	BOBJ1	286.88	Before	Interior Girder 1	28.2	0.95	1	1	10.694173
HS20_str_opr	BOBJ1	286.88	Before	Interior Girder 2	28.2	0.95	1	1	9.745779
HS20_str_opr	BOBJ1	286.88	Before	Interior Girder 3	28.2	0.95	1	1	8.474514
HS20_str_opr	BOBJ1	286.88	Before	Interior Girder 4	28.2	0.95	1	1	8.474514
HS20_str_opr	BOBJ1	286.88	Before	Interior Girder 5	28.2	0.95	1	1	9.745779
HS20_str_opr	BOBJ1	286.88	Before	Interior Girder 6	28.2	0.95	1	1	10.694173
HS20_str_opr	BOBJ1	286.88	Before	Right Exterior Girder	28.2	0.95	1	1	18.930938
HS20_str_opr	BOBJ1	286.88	After	Left Exterior Girder	28.2	0.95	1	1	31.092893
HS20_str_opr	BOBJ1	286.88	After	Interior Girder 1	28.2	0.95	1	1	15.061357
HS20_str_opr	BOBJ1	286.88	After	Interior Girder 2	28.2	0.95	1	1	13.321258
HS20_str_opr	BOBJ1	286.88	After	Interior Girder 3	28.2	0.95	1	1	11.339178
HS20_str_opr	BOBJ1	286.88	After	Interior Girder 4	28.2	0.95	1	1	11.339178
HS20_str_opr	BOBJ1	286.88	After	Interior Girder 5	28.2	0.95	1	1	13.321258
HS20_str_opr	BOBJ1	286.88	After	Interior Girder 6	28.2	0.95	1	1	15.061357
HS20_str_opr	BOBJ1	286.88	After	Right Exterior Girder	28.2	0.95	1	1	31.092893
HS20_str_opr	BOBJ1	296.28	Before	Left Exterior Girder	37.6	0.95	1	1	31.621115
HS20_str_opr	BOBJ1	296.28	Before	Interior Girder 1	37.6	0.95	1	1	14.703972
HS20_str_opr	BOBJ1	296.28	Before	Interior Girder 2	37.6	0.95	1	1	13.004019
HS20_str_opr	BOBJ1	296.28	Before	Interior Girder 3	37.6	0.95	1	1	11.068901
HS20_str_opr	BOBJ1	296.28	Before	Interior Girder 4	37.6	0.95	1	1	11.068901
HS20_str_opr	BOBJ1	296.28	Before	Interior Girder 5	37.6	0.95	1	1	13.004019
HS20_str_opr	BOBJ1	296.28	Before	Interior Girder 6	37.6	0.95	1	1	14.703972
HS20_str_opr	BOBJ1	296.28	Before	Right Exterior Girder	37.6	0.95	1	1	31.621115
HS20_str_opr	BOBJ1	296.28	After	Left Exterior Girder	37.6	0.95	1	1	15.251905
HS20_str_opr	BOBJ1	296.28	After	Interior Girder 1	37.6	0.95	1	1	13.363612
HS20_str_opr	BOBJ1	296.28	After	Interior Girder 2	37.6	0.95	1	1	11.995714
HS20_str_opr	BOBJ1	296.28	After	Interior Girder 3	37.6	0.95	1	1	11.667944
HS20_str_opr	BOBJ1	296.28	After	Interior Girder 4	37.6	0.95	1	1	11.667944
HS20_str_opr	BOBJ1	296.28	After	Interior Girder 5	37.6	0.95	1	1	11.995714
HS20_str_opr	BOBJ1	296.28	After	Interior Girder 6	37.6	0.95	1	1	13.363612
HS20_str_opr	BOBJ1	296.28	After	Right Exterior Girder	37.6	0.95	1	1	15.251905
HS20_str_opr	BOBJ1	305.69	Before	Left Exterior Girder	47.01	0.95	1	1	14.990873
HS20_str_opr	BOBJ1	305.69	Before	Interior Girder 1	47.01	0.95	1	1	13.032297
HS20_str_opr	BOBJ1	305.69	Before	Interior Girder 2	47.01	0.95	1	1	11.700034
HS20_str_opr	BOBJ1	305.69	Before	Interior Girder 3	47.01	0.95	1	1	11.379735
HS20_str_opr	BOBJ1	305.69	Before	Interior Girder 4	47.01	0.95	1	1	11.379735
HS20_str_opr	BOBJ1	305.69	Before	Interior Girder 5	47.01	0.95	1	1	11.700034
HS20_str_opr	BOBJ1	305.69	Before	Interior Girder 6	47.01	0.95	1	1	13.032297
HS20_str_opr	BOBJ1	305.69	Before	Right Exterior Girder	47.01	0.95	1	1	14.990873
HS20_str_opr	BOBJ1	305.69	After	Left Exterior Girder	47.01	0.95	1	1	11.411471
HS20_str_opr	BOBJ1	305.69	After	Interior Girder 1	47.01	0.95	1	1	7.85239
HS20_str_opr	BOBJ1	305.69	After	Interior Girder 2	47.01	0.95	1	1	7.229678
HS20_str_opr	BOBJ1	305.69	After	Interior Girder 3	47.01	0.95	1	1	6.680596
HS20_str_opr	BOBJ1	305.69	After	Interior Girder 4	47.01	0.95	1	1	6.680596
HS20_str_opr	BOBJ1	305.69	After	Interior Girder 5	47.01	0.95	1	1	7.229678
HS20_str_opr	BOBJ1	305.69	After	Interior Girder 6	47.01	0.95	1	1	7.85239
HS20_str_opr	BOBJ1	305.69	After	Right Exterior Girder	47.01	0.95	1	1	11.411471
HS20_str_opr	BOBJ1	315.1	Before	Left Exterior Girder	56.42	0.95	1	1	11.205841
HS20_str_opr	BOBJ1	315.1	Before	Interior Girder 1	56.42	0.95	1	1	7.651399
HS20_str_opr	BOBJ1	315.1	Before	Interior Girder 2	56.42	0.95	1	1	7.045292
HS20_str_opr	BOBJ1	315.1	Before	Interior Girder 3	56.42	0.95	1	1	6.509634
HS20_str_opr	BOBJ1	315.1	Before	Interior Girder 4	56.42	0.95	1	1	6.509634
HS20_str_opr	BOBJ1	315.1	Before	Interior Girder 5	56.42	0.95	1	1	7.045292
HS20_str_opr	BOBJ1	315.1	Before	Interior Girder 6	56.42	0.95	1	1	7.651399
HS20_str_opr	BOBJ1	315.1	Before	Right Exterior Girder	56.42	0.95	1	1	11.205841
HS20_str_inv	BOBJ1	0	After	Left Exterior Girder	0	0.95	1	1	8.650672
HS20_str_inv	BOBJ1	0	After	Interior Girder 1	0	0.95	1	1	5.900638

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Approach, Span 7-11									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
HS20_str_inv	BOBJ1	0	After	Interior Girder 2	0	0.95	1	1	5.43546
HS20_str_inv	BOBJ1	0	After	Interior Girder 3	0	0.95	1	1	5.021005
HS20_str_inv	BOBJ1	0	After	Interior Girder 4	0	0.95	1	1	5.021005
HS20_str_inv	BOBJ1	0	After	Interior Girder 5	0	0.95	1	1	5.43546
HS20_str_inv	BOBJ1	0	After	Interior Girder 6	0	0.95	1	1	5.900638
HS20_str_inv	BOBJ1	0	After	Right Exterior Girder	0	0.95	1	1	8.650672
HS20_str_inv	BOBJ1	9.4	Before	Left Exterior Girder	9.4	0.95	1	1	8.809044
HS20_str_inv	BOBJ1	9.4	Before	Interior Girder 1	9.4	0.95	1	1	6.055498
HS20_str_inv	BOBJ1	9.4	Before	Interior Girder 2	9.4	0.95	1	1	5.57754
HS20_str_inv	BOBJ1	9.4	Before	Interior Girder 3	9.4	0.95	1	1	5.152672
HS20_str_inv	BOBJ1	9.4	Before	Interior Girder 4	9.4	0.95	1	1	5.152672
HS20_str_inv	BOBJ1	9.4	Before	Interior Girder 5	9.4	0.95	1	1	5.57754
HS20_str_inv	BOBJ1	9.4	Before	Interior Girder 6	9.4	0.95	1	1	6.055498
HS20_str_inv	BOBJ1	9.4	Before	Right Exterior Girder	9.4	0.95	1	1	8.809044
HS20_str_inv	BOBJ1	9.4	After	Left Exterior Girder	9.4	0.95	1	1	11.563403
HS20_str_inv	BOBJ1	9.4	After	Interior Girder 1	9.4	0.95	1	1	10.046921
HS20_str_inv	BOBJ1	9.4	After	Interior Girder 2	9.4	0.95	1	1	9.020619
HS20_str_inv	BOBJ1	9.4	After	Interior Girder 3	9.4	0.95	1	1	8.77117
HS20_str_inv	BOBJ1	9.4	After	Interior Girder 4	9.4	0.95	1	1	8.77117
HS20_str_inv	BOBJ1	9.4	After	Interior Girder 5	9.4	0.95	1	1	9.020619
HS20_str_inv	BOBJ1	9.4	After	Interior Girder 6	9.4	0.95	1	1	10.046921
HS20_str_inv	BOBJ1	9.4	After	Right Exterior Girder	9.4	0.95	1	1	11.563403
HS20_str_inv	BOBJ1	18.8	Before	Left Exterior Girder	18.8	0.95	1	1	11.764321
HS20_str_inv	BOBJ1	18.8	Before	Interior Girder 1	18.8	0.95	1	1	10.302091
HS20_str_inv	BOBJ1	18.8	Before	Interior Girder 2	18.8	0.95	1	1	9.248314
HS20_str_inv	BOBJ1	18.8	Before	Interior Girder 3	18.8	0.95	1	1	8.992998
HS20_str_inv	BOBJ1	18.8	Before	Interior Girder 4	18.8	0.95	1	1	8.992998
HS20_str_inv	BOBJ1	18.8	Before	Interior Girder 5	18.8	0.95	1	1	9.248314
HS20_str_inv	BOBJ1	18.8	Before	Interior Girder 6	18.8	0.95	1	1	10.302091
HS20_str_inv	BOBJ1	18.8	Before	Right Exterior Girder	18.8	0.95	1	1	11.764321
HS20_str_inv	BOBJ1	18.8	After	Left Exterior Girder	18.8	0.95	1	1	24.443191
HS20_str_inv	BOBJ1	18.8	After	Interior Girder 1	18.8	0.95	1	1	11.342168
HS20_str_inv	BOBJ1	18.8	After	Interior Girder 2	18.8	0.95	1	1	10.02943
HS20_str_inv	BOBJ1	18.8	After	Interior Girder 3	18.8	0.95	1	1	8.53476
HS20_str_inv	BOBJ1	18.8	After	Interior Girder 4	18.8	0.95	1	1	8.53476
HS20_str_inv	BOBJ1	18.8	After	Interior Girder 5	18.8	0.95	1	1	10.02943
HS20_str_inv	BOBJ1	18.8	After	Interior Girder 6	18.8	0.95	1	1	11.342168
HS20_str_inv	BOBJ1	18.8	After	Right Exterior Girder	18.8	0.95	1	1	24.443191
HS20_str_inv	BOBJ1	28.2	Before	Left Exterior Girder	28.2	0.95	1	1	24.034643
HS20_str_inv	BOBJ1	28.2	Before	Interior Girder 1	28.2	0.95	1	1	11.617726
HS20_str_inv	BOBJ1	28.2	Before	Interior Girder 2	28.2	0.95	1	1	10.274048
HS20_str_inv	BOBJ1	28.2	Before	Interior Girder 3	28.2	0.95	1	1	8.743134
HS20_str_inv	BOBJ1	28.2	Before	Interior Girder 4	28.2	0.95	1	1	8.743134
HS20_str_inv	BOBJ1	28.2	Before	Interior Girder 5	28.2	0.95	1	1	10.274048
HS20_str_inv	BOBJ1	28.2	Before	Interior Girder 6	28.2	0.95	1	1	11.617726
HS20_str_inv	BOBJ1	28.2	Before	Right Exterior Girder	28.2	0.95	1	1	24.034643
HS20_str_inv	BOBJ1	28.2	After	Left Exterior Girder	28.2	0.95	1	1	14.618647
HS20_str_inv	BOBJ1	28.2	After	Interior Girder 1	28.2	0.95	1	1	8.250845
HS20_str_inv	BOBJ1	28.2	After	Interior Girder 2	28.2	0.95	1	1	7.519948
HS20_str_inv	BOBJ1	28.2	After	Interior Girder 3	28.2	0.95	1	1	6.540576
HS20_str_inv	BOBJ1	28.2	After	Interior Girder 4	28.2	0.95	1	1	6.540576
HS20_str_inv	BOBJ1	28.2	After	Interior Girder 5	28.2	0.95	1	1	7.519948
HS20_str_inv	BOBJ1	28.2	After	Interior Girder 6	28.2	0.95	1	1	8.250845
HS20_str_inv	BOBJ1	28.2	After	Right Exterior Girder	28.2	0.95	1	1	14.618647
HS20_str_inv	BOBJ1	37.6	Before	Left Exterior Girder	37.6	0.95	1	1	14.361882
HS20_str_inv	BOBJ1	37.6	Before	Interior Girder 1	37.6	0.95	1	1	8.043975
HS20_str_inv	BOBJ1	37.6	Before	Interior Girder 2	37.6	0.95	1	1	7.331689
HS20_str_inv	BOBJ1	37.6	Before	Interior Girder 3	37.6	0.95	1	1	6.377048
HS20_str_inv	BOBJ1	37.6	Before	Interior Girder 4	37.6	0.95	1	1	6.377048
HS20_str_inv	BOBJ1	37.6	Before	Interior Girder 5	37.6	0.95	1	1	7.331689
HS20_str_inv	BOBJ1	37.6	Before	Interior Girder 6	37.6	0.95	1	1	8.043975
HS20_str_inv	BOBJ1	37.6	Before	Right Exterior Girder	37.6	0.95	1	1	14.361882
HS20_str_inv	BOBJ1	37.6	After	Left Exterior Girder	37.6	0.95	1	1	7.861868
HS20_str_inv	BOBJ1	37.6	After	Interior Girder 1	37.6	0.95	1	1	6.975233
HS20_str_inv	BOBJ1	37.6	After	Interior Girder 2	37.6	0.95	1	1	6.282266

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Approach, Span 7-11									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
HS20_str_inv	BOBJ1	37.6	After	Interior Girder 3	37.6	0.95	1	1	5.853675
HS20_str_inv	BOBJ1	37.6	After	Interior Girder 4	37.6	0.95	1	1	5.853675
HS20_str_inv	BOBJ1	37.6	After	Interior Girder 5	37.6	0.95	1	1	6.282266
HS20_str_inv	BOBJ1	37.6	After	Interior Girder 6	37.6	0.95	1	1	6.975233
HS20_str_inv	BOBJ1	37.6	After	Right Exterior Girder	37.6	0.95	1	1	7.861868
HS20_str_inv	BOBJ1	47.01	Before	Left Exterior Girder	47.01	0.95	1	1	7.71628
HS20_str_inv	BOBJ1	47.01	Before	Interior Girder 1	47.01	0.95	1	1	6.793463
HS20_str_inv	BOBJ1	47.01	Before	Interior Girder 2	47.01	0.95	1	1	6.120214
HS20_str_inv	BOBJ1	47.01	Before	Interior Girder 3	47.01	0.95	1	1	5.70072
HS20_str_inv	BOBJ1	47.01	Before	Interior Girder 4	47.01	0.95	1	1	5.70072
HS20_str_inv	BOBJ1	47.01	Before	Interior Girder 5	47.01	0.95	1	1	6.120214
HS20_str_inv	BOBJ1	47.01	Before	Interior Girder 6	47.01	0.95	1	1	6.793463
HS20_str_inv	BOBJ1	47.01	Before	Right Exterior Girder	47.01	0.95	1	1	7.71628
HS20_str_inv	BOBJ1	47.01	After	Left Exterior Girder	47.01	0.95	1	1	6.291172
HS20_str_inv	BOBJ1	47.01	After	Interior Girder 1	47.01	0.95	1	1	4.752834
HS20_str_inv	BOBJ1	47.01	After	Interior Girder 2	47.01	0.95	1	1	4.250085
HS20_str_inv	BOBJ1	47.01	After	Interior Girder 3	47.01	0.95	1	1	3.62337
HS20_str_inv	BOBJ1	47.01	After	Interior Girder 4	47.01	0.95	1	1	3.62337
HS20_str_inv	BOBJ1	47.01	After	Interior Girder 5	47.01	0.95	1	1	4.250085
HS20_str_inv	BOBJ1	47.01	After	Interior Girder 6	47.01	0.95	1	1	4.752834
HS20_str_inv	BOBJ1	47.01	After	Right Exterior Girder	47.01	0.95	1	1	6.291172
HS20_str_inv	BOBJ1	49.42	Before	Left Exterior Girder	49.42	0.95	1	1	6.259587
HS20_str_inv	BOBJ1	49.42	Before	Right Exterior Girder	49.42	0.95	1	1	6.259587
HS20_str_inv	BOBJ1	49.42	After	Left Exterior Girder	49.42	0.95	1	1	5.48194
HS20_str_inv	BOBJ1	49.42	After	Right Exterior Girder	49.42	0.95	1	1	5.48194
HS20_str_inv	BOBJ1	51.92	Before	Interior Girder 1	51.92	0.95	1	1	4.424208
HS20_str_inv	BOBJ1	51.92	Before	Interior Girder 2	51.92	0.95	1	1	4.191044
HS20_str_inv	BOBJ1	51.92	Before	Interior Girder 3	51.92	0.95	1	1	3.572148
HS20_str_inv	BOBJ1	51.92	Before	Interior Girder 4	51.92	0.95	1	1	3.572148
HS20_str_inv	BOBJ1	51.92	Before	Interior Girder 5	51.92	0.95	1	1	4.191044
HS20_str_inv	BOBJ1	51.92	Before	Interior Girder 6	51.92	0.95	1	1	4.424208
HS20_str_inv	BOBJ1	51.92	After	Interior Girder 1	51.92	0.95	1	1	3.883538
HS20_str_inv	BOBJ1	51.92	After	Interior Girder 2	51.92	0.95	1	1	3.608882
HS20_str_inv	BOBJ1	51.92	After	Interior Girder 3	51.92	0.95	1	1	2.915962
HS20_str_inv	BOBJ1	51.92	After	Interior Girder 4	51.92	0.95	1	1	2.915962
HS20_str_inv	BOBJ1	51.92	After	Interior Girder 5	51.92	0.95	1	1	3.608882
HS20_str_inv	BOBJ1	51.92	After	Interior Girder 6	51.92	0.95	1	1	3.883538
HS20_str_inv	BOBJ1	56.42	Before	Left Exterior Girder	56.42	0.95	1	1	6.491601
HS20_str_inv	BOBJ1	56.42	Before	Interior Girder 1	56.42	0.95	1	1	3.831586
HS20_str_inv	BOBJ1	56.42	Before	Interior Girder 2	56.42	0.95	1	1	3.561073
HS20_str_inv	BOBJ1	56.42	Before	Interior Girder 3	56.42	0.95	1	1	2.876448
HS20_str_inv	BOBJ1	56.42	Before	Interior Girder 4	56.42	0.95	1	1	2.876448
HS20_str_inv	BOBJ1	56.42	Before	Interior Girder 5	56.42	0.95	1	1	3.561073
HS20_str_inv	BOBJ1	56.42	Before	Interior Girder 6	56.42	0.95	1	1	3.831586
HS20_str_inv	BOBJ1	56.42	Before	Right Exterior Girder	56.42	0.95	1	1	6.491601
HS20_str_inv	BOBJ1	56.42	After	Left Exterior Girder	0	0.95	1	1	6.232653
HS20_str_inv	BOBJ1	56.42	After	Interior Girder 1	0	0.95	1	1	3.889714
HS20_str_inv	BOBJ1	56.42	After	Interior Girder 2	0	0.95	1	1	3.62488
HS20_str_inv	BOBJ1	56.42	After	Interior Girder 3	0	0.95	1	1	2.928141
HS20_str_inv	BOBJ1	56.42	After	Interior Girder 4	0	0.95	1	1	2.928141
HS20_str_inv	BOBJ1	56.42	After	Interior Girder 5	0	0.95	1	1	3.62488
HS20_str_inv	BOBJ1	56.42	After	Interior Girder 6	0	0.95	1	1	3.889714
HS20_str_inv	BOBJ1	56.42	After	Right Exterior Girder	0	0.95	1	1	6.232653
HS20_str_inv	BOBJ1	60.92	Before	Interior Girder 1	4.5	0.95	1	1	3.942118
HS20_str_inv	BOBJ1	60.92	Before	Interior Girder 2	4.5	0.95	1	1	3.673231
HS20_str_inv	BOBJ1	60.92	Before	Interior Girder 3	4.5	0.95	1	1	2.968187
HS20_str_inv	BOBJ1	60.92	Before	Interior Girder 4	4.5	0.95	1	1	2.968187
HS20_str_inv	BOBJ1	60.92	Before	Interior Girder 5	4.5	0.95	1	1	3.673231
HS20_str_inv	BOBJ1	60.92	Before	Interior Girder 6	4.5	0.95	1	1	3.942118
HS20_str_inv	BOBJ1	60.92	After	Interior Girder 1	4.5	0.95	1	1	4.327764
HS20_str_inv	BOBJ1	60.92	After	Interior Girder 2	4.5	0.95	1	1	4.135708
HS20_str_inv	BOBJ1	60.92	After	Interior Girder 3	4.5	0.95	1	1	3.513306
HS20_str_inv	BOBJ1	60.92	After	Interior Girder 4	4.5	0.95	1	1	3.513306
HS20_str_inv	BOBJ1	60.92	After	Interior Girder 5	4.5	0.95	1	1	4.135708
HS20_str_inv	BOBJ1	60.92	After	Interior Girder 6	4.5	0.95	1	1	4.327764

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Approach, Span 7-11									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
HS20_str_inv	BOBJ1	63.42	Before	Left Exterior Girder	7	0.95	1	1	5.112327
HS20_str_inv	BOBJ1	63.42	Before	Right Exterior Girder	7	0.95	1	1	5.112327
HS20_str_inv	BOBJ1	63.42	After	Left Exterior Girder	7	0.95	1	1	5.600958
HS20_str_inv	BOBJ1	63.42	After	Right Exterior Girder	7	0.95	1	1	5.600958
HS20_str_inv	BOBJ1	64.845	Before	Left Exterior Girder	8.425	0.95	1	1	5.617631
HS20_str_inv	BOBJ1	64.845	Before	Interior Girder 1	8.425	0.95	1	1	4.773424
HS20_str_inv	BOBJ1	64.845	Before	Interior Girder 2	8.425	0.95	1	1	4.181999
HS20_str_inv	BOBJ1	64.845	Before	Interior Girder 3	8.425	0.95	1	1	3.553434
HS20_str_inv	BOBJ1	64.845	Before	Interior Girder 4	8.425	0.95	1	1	3.553434
HS20_str_inv	BOBJ1	64.845	Before	Interior Girder 5	8.425	0.95	1	1	4.181999
HS20_str_inv	BOBJ1	64.845	Before	Interior Girder 6	8.425	0.95	1	1	4.773424
HS20_str_inv	BOBJ1	64.845	Before	Right Exterior Girder	8.425	0.95	1	1	5.617631
HS20_str_inv	BOBJ1	64.845	After	Left Exterior Girder	8.425	0.95	1	1	6.751784
HS20_str_inv	BOBJ1	64.845	After	Interior Girder 1	8.425	0.95	1	1	5.444455
HS20_str_inv	BOBJ1	64.845	After	Interior Girder 2	8.425	0.95	1	1	5.034635
HS20_str_inv	BOBJ1	64.845	After	Interior Girder 3	8.425	0.95	1	1	4.52737
HS20_str_inv	BOBJ1	64.845	After	Interior Girder 4	8.425	0.95	1	1	4.52737
HS20_str_inv	BOBJ1	64.845	After	Interior Girder 5	8.425	0.95	1	1	5.034635
HS20_str_inv	BOBJ1	64.845	After	Interior Girder 6	8.425	0.95	1	1	5.444455
HS20_str_inv	BOBJ1	64.845	After	Right Exterior Girder	8.425	0.95	1	1	6.751784
HS20_str_inv	BOBJ1	69.92	Before	Left Exterior Girder	13.5	0.95	1	1	6.820946
HS20_str_inv	BOBJ1	69.92	Before	Interior Girder 1	13.5	0.95	1	1	5.522907
HS20_str_inv	BOBJ1	69.92	Before	Interior Girder 2	13.5	0.95	1	1	5.106451
HS20_str_inv	BOBJ1	69.92	Before	Interior Girder 3	13.5	0.95	1	1	4.593065
HS20_str_inv	BOBJ1	69.92	Before	Interior Girder 4	13.5	0.95	1	1	4.593065
HS20_str_inv	BOBJ1	69.92	Before	Interior Girder 5	13.5	0.95	1	1	5.106451
HS20_str_inv	BOBJ1	69.92	Before	Interior Girder 6	13.5	0.95	1	1	5.522907
HS20_str_inv	BOBJ1	69.92	Before	Right Exterior Girder	13.5	0.95	1	1	6.820946
HS20_str_inv	BOBJ1	69.92	After	Left Exterior Girder	13.5	0.95	1	1	6.469634
HS20_str_inv	BOBJ1	69.92	After	Interior Girder 1	13.5	0.95	1	1	5.985867
HS20_str_inv	BOBJ1	69.92	After	Interior Girder 2	13.5	0.95	1	1	5.498962
HS20_str_inv	BOBJ1	69.92	After	Interior Girder 3	13.5	0.95	1	1	5.050064
HS20_str_inv	BOBJ1	69.92	After	Interior Girder 4	13.5	0.95	1	1	5.050064
HS20_str_inv	BOBJ1	69.92	After	Interior Girder 5	13.5	0.95	1	1	5.498962
HS20_str_inv	BOBJ1	69.92	After	Interior Girder 6	13.5	0.95	1	1	5.985867
HS20_str_inv	BOBJ1	69.92	After	Right Exterior Girder	13.5	0.95	1	1	6.469634
HS20_str_inv	BOBJ1	73.27	Before	Left Exterior Girder	16.85	0.95	1	1	6.516078
HS20_str_inv	BOBJ1	73.27	Before	Interior Girder 1	16.85	0.95	1	1	6.043909
HS20_str_inv	BOBJ1	73.27	Before	Interior Girder 2	16.85	0.95	1	1	5.551707
HS20_str_inv	BOBJ1	73.27	Before	Interior Girder 3	16.85	0.95	1	1	5.099294
HS20_str_inv	BOBJ1	73.27	Before	Interior Girder 4	16.85	0.95	1	1	5.099294
HS20_str_inv	BOBJ1	73.27	Before	Interior Girder 5	16.85	0.95	1	1	5.551707
HS20_str_inv	BOBJ1	73.27	Before	Interior Girder 6	16.85	0.95	1	1	6.043909
HS20_str_inv	BOBJ1	73.27	Before	Right Exterior Girder	16.85	0.95	1	1	6.516078
HS20_str_inv	BOBJ1	73.27	After	Left Exterior Girder	16.85	0.95	1	1	10.189649
HS20_str_inv	BOBJ1	73.27	After	Interior Girder 1	16.85	0.95	1	1	6.697406
HS20_str_inv	BOBJ1	73.27	After	Interior Girder 2	16.85	0.95	1	1	6.263487
HS20_str_inv	BOBJ1	73.27	After	Interior Girder 3	16.85	0.95	1	1	5.620712
HS20_str_inv	BOBJ1	73.27	After	Interior Girder 4	16.85	0.95	1	1	5.620712
HS20_str_inv	BOBJ1	73.27	After	Interior Girder 5	16.85	0.95	1	1	6.263487
HS20_str_inv	BOBJ1	73.27	After	Interior Girder 6	16.85	0.95	1	1	6.697406
HS20_str_inv	BOBJ1	73.27	After	Right Exterior Girder	16.85	0.95	1	1	10.189649
HS20_str_inv	BOBJ1	81.695	Before	Left Exterior Girder	25.275	0.95	1	1	10.367456
HS20_str_inv	BOBJ1	81.695	Before	Interior Girder 1	25.275	0.95	1	1	6.858024
HS20_str_inv	BOBJ1	81.695	Before	Interior Girder 2	25.275	0.95	1	1	6.413324
HS20_str_inv	BOBJ1	81.695	Before	Interior Girder 3	25.275	0.95	1	1	5.75508
HS20_str_inv	BOBJ1	81.695	Before	Interior Girder 4	25.275	0.95	1	1	5.75508
HS20_str_inv	BOBJ1	81.695	Before	Interior Girder 5	25.275	0.95	1	1	6.413324
HS20_str_inv	BOBJ1	81.695	Before	Interior Girder 6	25.275	0.95	1	1	6.858024
HS20_str_inv	BOBJ1	81.695	Before	Right Exterior Girder	25.275	0.95	1	1	10.367456
HS20_str_inv	BOBJ1	81.695	After	Left Exterior Girder	25.275	0.95	1	1	13.445647
HS20_str_inv	BOBJ1	81.695	After	Interior Girder 1	25.275	0.95	1	1	10.828856
HS20_str_inv	BOBJ1	81.695	After	Interior Girder 2	25.275	0.95	1	1	9.832527
HS20_str_inv	BOBJ1	81.695	After	Interior Girder 3	25.275	0.95	1	1	8.893711
HS20_str_inv	BOBJ1	81.695	After	Interior Girder 4	25.275	0.95	1	1	8.893711

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Approach, Span 7-11									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
HS20_str_inv	BOBJ1	81.695	After	Interior Girder 5	25.275	0.95	1	1	9.832527
HS20_str_inv	BOBJ1	81.695	After	Interior Girder 6	25.275	0.95	1	1	10.828856
HS20_str_inv	BOBJ1	81.695	After	Right Exterior Girder	25.275	0.95	1	1	13.445647
HS20_str_inv	BOBJ1	90.12	Before	Left Exterior Girder	33.7	0.95	1	1	13.668705
HS20_str_inv	BOBJ1	90.12	Before	Interior Girder 1	33.7	0.95	1	1	11.080751
HS20_str_inv	BOBJ1	90.12	Before	Interior Girder 2	33.7	0.95	1	1	10.060169
HS20_str_inv	BOBJ1	90.12	Before	Interior Girder 3	33.7	0.95	1	1	8.698842
HS20_str_inv	BOBJ1	90.12	Before	Interior Girder 4	33.7	0.95	1	1	8.698842
HS20_str_inv	BOBJ1	90.12	Before	Interior Girder 5	33.7	0.95	1	1	10.060169
HS20_str_inv	BOBJ1	90.12	Before	Interior Girder 6	33.7	0.95	1	1	11.080751
HS20_str_inv	BOBJ1	90.12	Before	Right Exterior Girder	33.7	0.95	1	1	13.668705
HS20_str_inv	BOBJ1	90.12	After	Left Exterior Girder	33.7	0.95	1	1	14.34513
HS20_str_inv	BOBJ1	90.12	After	Interior Girder 1	33.7	0.95	1	1	11.33845
HS20_str_inv	BOBJ1	90.12	After	Interior Girder 2	33.7	0.95	1	1	10.128927
HS20_str_inv	BOBJ1	90.12	After	Interior Girder 3	33.7	0.95	1	1	8.578184
HS20_str_inv	BOBJ1	90.12	After	Interior Girder 4	33.7	0.95	1	1	8.578184
HS20_str_inv	BOBJ1	90.12	After	Interior Girder 5	33.7	0.95	1	1	10.128927
HS20_str_inv	BOBJ1	90.12	After	Interior Girder 6	33.7	0.95	1	1	11.33845
HS20_str_inv	BOBJ1	90.12	After	Right Exterior Girder	33.7	0.95	1	1	14.34513
HS20_str_inv	BOBJ1	98.545	Before	Left Exterior Girder	42.125	0.95	1	1	14.11176
HS20_str_inv	BOBJ1	98.545	Before	Interior Girder 1	42.125	0.95	1	1	11.081057
HS20_str_inv	BOBJ1	98.545	Before	Interior Girder 2	42.125	0.95	1	1	9.992206
HS20_str_inv	BOBJ1	98.545	Before	Interior Girder 3	42.125	0.95	1	1	8.770479
HS20_str_inv	BOBJ1	98.545	Before	Interior Girder 4	42.125	0.95	1	1	8.770479
HS20_str_inv	BOBJ1	98.545	Before	Interior Girder 5	42.125	0.95	1	1	9.992206
HS20_str_inv	BOBJ1	98.545	Before	Interior Girder 6	42.125	0.95	1	1	11.081057
HS20_str_inv	BOBJ1	98.545	Before	Right Exterior Girder	42.125	0.95	1	1	14.11176
HS20_str_inv	BOBJ1	98.545	After	Left Exterior Girder	42.125	0.95	1	1	10.733019
HS20_str_inv	BOBJ1	98.545	After	Interior Girder 1	42.125	0.95	1	1	6.979222
HS20_str_inv	BOBJ1	98.545	After	Interior Girder 2	42.125	0.95	1	1	6.495376
HS20_str_inv	BOBJ1	98.545	After	Interior Girder 3	42.125	0.95	1	1	5.803666
HS20_str_inv	BOBJ1	98.545	After	Interior Girder 4	42.125	0.95	1	1	5.803666
HS20_str_inv	BOBJ1	98.545	After	Interior Girder 5	42.125	0.95	1	1	6.495376
HS20_str_inv	BOBJ1	98.545	After	Interior Girder 6	42.125	0.95	1	1	6.979222
HS20_str_inv	BOBJ1	98.545	After	Right Exterior Girder	42.125	0.95	1	1	10.733019
HS20_str_inv	BOBJ1	106.97	Before	Left Exterior Girder	50.55	0.95	1	1	10.549557
HS20_str_inv	BOBJ1	106.97	Before	Interior Girder 1	50.55	0.95	1	1	6.815985
HS20_str_inv	BOBJ1	106.97	Before	Interior Girder 2	50.55	0.95	1	1	6.343733
HS20_str_inv	BOBJ1	106.97	Before	Interior Girder 3	50.55	0.95	1	1	5.668264
HS20_str_inv	BOBJ1	106.97	Before	Interior Girder 4	50.55	0.95	1	1	5.668264
HS20_str_inv	BOBJ1	106.97	Before	Interior Girder 5	50.55	0.95	1	1	6.343733
HS20_str_inv	BOBJ1	106.97	Before	Interior Girder 6	50.55	0.95	1	1	6.815985
HS20_str_inv	BOBJ1	106.97	Before	Right Exterior Girder	50.55	0.95	1	1	10.549557
HS20_str_inv	BOBJ1	106.97	After	Left Exterior Girder	50.55	0.95	1	1	6.564826
HS20_str_inv	BOBJ1	106.97	After	Interior Girder 1	50.55	0.95	1	1	6.169663
HS20_str_inv	BOBJ1	106.97	After	Interior Girder 2	50.55	0.95	1	1	5.690832
HS20_str_inv	BOBJ1	106.97	After	Interior Girder 3	50.55	0.95	1	1	5.266856
HS20_str_inv	BOBJ1	106.97	After	Interior Girder 4	50.55	0.95	1	1	5.266856
HS20_str_inv	BOBJ1	106.97	After	Interior Girder 5	50.55	0.95	1	1	5.690832
HS20_str_inv	BOBJ1	106.97	After	Interior Girder 6	50.55	0.95	1	1	6.169663
HS20_str_inv	BOBJ1	106.97	After	Right Exterior Girder	50.55	0.95	1	1	6.564826
HS20_str_inv	BOBJ1	115.405	Before	Left Exterior Girder	58.985	0.95	1	1	6.44638
HS20_str_inv	BOBJ1	115.405	Before	Interior Girder 1	58.985	0.95	1	1	6.020065
HS20_str_inv	BOBJ1	115.405	Before	Interior Girder 2	58.985	0.95	1	1	5.554412
HS20_str_inv	BOBJ1	115.405	Before	Interior Girder 3	58.985	0.95	1	1	5.138595
HS20_str_inv	BOBJ1	115.405	Before	Interior Girder 4	58.985	0.95	1	1	5.138595
HS20_str_inv	BOBJ1	115.405	Before	Interior Girder 5	58.985	0.95	1	1	5.554412
HS20_str_inv	BOBJ1	115.405	Before	Interior Girder 6	58.985	0.95	1	1	6.020065
HS20_str_inv	BOBJ1	115.405	Before	Right Exterior Girder	58.985	0.95	1	1	6.44638
HS20_str_inv	BOBJ1	115.405	After	Left Exterior Girder	58.985	0.95	1	1	4.250976
HS20_str_inv	BOBJ1	115.405	After	Interior Girder 1	58.985	0.95	1	1	5.20264
HS20_str_inv	BOBJ1	115.405	After	Interior Girder 2	58.985	0.95	1	1	4.010258
HS20_str_inv	BOBJ1	115.405	After	Interior Girder 3	58.985	0.95	1	1	3.398208
HS20_str_inv	BOBJ1	115.405	After	Interior Girder 4	58.985	0.95	1	1	3.398208
HS20_str_inv	BOBJ1	115.405	After	Interior Girder 5	58.985	0.95	1	1	4.010258

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Approach, Span 7-11									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
HS20_str_inv	BOBJ1	115.405	After	Interior Girder 6	58.985	0.95	1	1	5.20264
HS20_str_inv	BOBJ1	115.405	After	Right Exterior Girder	58.985	0.95	1	1	4.250976
HS20_str_inv	BOBJ1	116.34	Before	Left Exterior Girder	59.92	0.95	1	1	4.241657
HS20_str_inv	BOBJ1	116.34	Before	Right Exterior Girder	59.92	0.95	1	1	4.241657
HS20_str_inv	BOBJ1	116.34	After	Left Exterior Girder	59.92	0.95	1	1	3.836425
HS20_str_inv	BOBJ1	116.34	After	Right Exterior Girder	59.92	0.95	1	1	3.836425
HS20_str_inv	BOBJ1	118.84	Before	Interior Girder 1	62.42	0.95	1	1	4.158306
HS20_str_inv	BOBJ1	118.84	Before	Interior Girder 2	62.42	0.95	1	1	3.969973
HS20_str_inv	BOBJ1	118.84	Before	Interior Girder 3	62.42	0.95	1	1	3.36337
HS20_str_inv	BOBJ1	118.84	Before	Interior Girder 4	62.42	0.95	1	1	3.36337
HS20_str_inv	BOBJ1	118.84	Before	Interior Girder 5	62.42	0.95	1	1	3.969973
HS20_str_inv	BOBJ1	118.84	Before	Interior Girder 6	62.42	0.95	1	1	4.158306
HS20_str_inv	BOBJ1	118.84	After	Interior Girder 1	62.42	0.95	1	1	3.818922
HS20_str_inv	BOBJ1	118.84	After	Interior Girder 2	62.42	0.95	1	1	3.553551
HS20_str_inv	BOBJ1	118.84	After	Interior Girder 3	62.42	0.95	1	1	2.887903
HS20_str_inv	BOBJ1	118.84	After	Interior Girder 4	62.42	0.95	1	1	2.887903
HS20_str_inv	BOBJ1	118.84	After	Interior Girder 5	62.42	0.95	1	1	3.553551
HS20_str_inv	BOBJ1	118.84	After	Interior Girder 6	62.42	0.95	1	1	3.818922
HS20_str_inv	BOBJ1	123.84	Before	Left Exterior Girder	67.42	0.95	1	1	5.574672
HS20_str_inv	BOBJ1	123.84	Before	Interior Girder 1	67.42	0.95	1	1	3.75916
HS20_str_inv	BOBJ1	123.84	Before	Interior Girder 2	67.42	0.95	1	1	3.498554
HS20_str_inv	BOBJ1	123.84	Before	Interior Girder 3	67.42	0.95	1	1	2.842088
HS20_str_inv	BOBJ1	123.84	Before	Interior Girder 4	67.42	0.95	1	1	2.842088
HS20_str_inv	BOBJ1	123.84	Before	Interior Girder 5	67.42	0.95	1	1	3.498554
HS20_str_inv	BOBJ1	123.84	Before	Interior Girder 6	67.42	0.95	1	1	3.75916
HS20_str_inv	BOBJ1	123.84	Before	Right Exterior Girder	67.42	0.95	1	1	5.574672
HS20_str_inv	BOBJ1	123.84	After	Left Exterior Girder	0	0.95	1	1	5.519919
HS20_str_inv	BOBJ1	123.84	After	Interior Girder 1	0	0.95	1	1	3.747511
HS20_str_inv	BOBJ1	123.84	After	Interior Girder 2	0	0.95	1	1	3.490636
HS20_str_inv	BOBJ1	123.84	After	Interior Girder 3	0	0.95	1	1	2.837945
HS20_str_inv	BOBJ1	123.84	After	Interior Girder 4	0	0.95	1	1	2.837945
HS20_str_inv	BOBJ1	123.84	After	Interior Girder 5	0	0.95	1	1	3.490636
HS20_str_inv	BOBJ1	123.84	After	Interior Girder 6	0	0.95	1	1	3.747511
HS20_str_inv	BOBJ1	123.84	After	Right Exterior Girder	0	0.95	1	1	5.519919
HS20_str_inv	BOBJ1	128.84	Before	Interior Girder 1	5	0.95	1	1	3.807141
HS20_str_inv	BOBJ1	128.84	Before	Interior Girder 2	5	0.95	1	1	3.545543
HS20_str_inv	BOBJ1	128.84	Before	Interior Girder 3	5	0.95	1	1	2.88372
HS20_str_inv	BOBJ1	128.84	Before	Interior Girder 4	5	0.95	1	1	2.88372
HS20_str_inv	BOBJ1	128.84	Before	Interior Girder 5	5	0.95	1	1	3.545543
HS20_str_inv	BOBJ1	128.84	Before	Interior Girder 6	5	0.95	1	1	3.807141
HS20_str_inv	BOBJ1	128.84	After	Interior Girder 1	5	0.95	1	1	4.140704
HS20_str_inv	BOBJ1	128.84	After	Interior Girder 2	5	0.95	1	1	3.958193
HS20_str_inv	BOBJ1	128.84	After	Interior Girder 3	5	0.95	1	1	3.356179
HS20_str_inv	BOBJ1	128.84	After	Interior Girder 4	5	0.95	1	1	3.356179
HS20_str_inv	BOBJ1	128.84	After	Interior Girder 5	5	0.95	1	1	3.958193
HS20_str_inv	BOBJ1	128.84	After	Interior Girder 6	5	0.95	1	1	4.140704
HS20_str_inv	BOBJ1	131.34	Before	Left Exterior Girder	7.5	0.95	1	1	3.798769
HS20_str_inv	BOBJ1	131.34	Before	Right Exterior Girder	7.5	0.95	1	1	3.798769
HS20_str_inv	BOBJ1	131.34	After	Left Exterior Girder	7.5	0.95	1	1	4.187023
HS20_str_inv	BOBJ1	131.34	After	Right Exterior Girder	7.5	0.95	1	1	4.187023
HS20_str_inv	BOBJ1	132.265	Before	Left Exterior Girder	8.425	0.95	1	1	4.196137
HS20_str_inv	BOBJ1	132.265	Before	Interior Girder 1	8.425	0.95	1	1	5.193887
HS20_str_inv	BOBJ1	132.265	Before	Interior Girder 2	8.425	0.95	1	1	3.998266
HS20_str_inv	BOBJ1	132.265	Before	Interior Girder 3	8.425	0.95	1	1	3.390862
HS20_str_inv	BOBJ1	132.265	Before	Interior Girder 4	8.425	0.95	1	1	3.390862
HS20_str_inv	BOBJ1	132.265	Before	Interior Girder 5	8.425	0.95	1	1	3.998266
HS20_str_inv	BOBJ1	132.265	Before	Interior Girder 6	8.425	0.95	1	1	5.193887
HS20_str_inv	BOBJ1	132.265	Before	Right Exterior Girder	8.425	0.95	1	1	4.196137
HS20_str_inv	BOBJ1	132.265	After	Left Exterior Girder	8.425	0.95	1	1	6.36778
HS20_str_inv	BOBJ1	132.265	After	Interior Girder 1	8.425	0.95	1	1	5.973234
HS20_str_inv	BOBJ1	132.265	After	Interior Girder 2	8.425	0.95	1	1	5.525913
HS20_str_inv	BOBJ1	132.265	After	Interior Girder 3	8.425	0.95	1	1	5.114975
HS20_str_inv	BOBJ1	132.265	After	Interior Girder 4	8.425	0.95	1	1	5.114975
HS20_str_inv	BOBJ1	132.265	After	Interior Girder 5	8.425	0.95	1	1	5.525913
HS20_str_inv	BOBJ1	132.265	After	Interior Girder 6	8.425	0.95	1	1	5.973234

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Approach, Span 7-11									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
HS20_str_inv	BOBJ1	132.265	After	Right Exterior Girder	8.425	0.95	1	1	6.36778
HS20_str_inv	BOBJ1	140.69	Before	Left Exterior Girder	16.85	0.95	1	1	6.484763
HS20_str_inv	BOBJ1	140.69	Before	Interior Girder 1	16.85	0.95	1	1	6.121631
HS20_str_inv	BOBJ1	140.69	Before	Interior Girder 2	16.85	0.95	1	1	5.661563
HS20_str_inv	BOBJ1	140.69	Before	Interior Girder 3	16.85	0.95	1	1	5.242568
HS20_str_inv	BOBJ1	140.69	Before	Interior Girder 4	16.85	0.95	1	1	5.242568
HS20_str_inv	BOBJ1	140.69	Before	Interior Girder 5	16.85	0.95	1	1	5.661563
HS20_str_inv	BOBJ1	140.69	Before	Interior Girder 6	16.85	0.95	1	1	6.121631
HS20_str_inv	BOBJ1	140.69	Before	Right Exterior Girder	16.85	0.95	1	1	6.484763
HS20_str_inv	BOBJ1	140.69	After	Left Exterior Girder	16.85	0.95	1	1	10.382199
HS20_str_inv	BOBJ1	140.69	After	Interior Girder 1	16.85	0.95	1	1	6.746753
HS20_str_inv	BOBJ1	140.69	After	Interior Girder 2	16.85	0.95	1	1	6.298941
HS20_str_inv	BOBJ1	140.69	After	Interior Girder 3	16.85	0.95	1	1	5.648161
HS20_str_inv	BOBJ1	140.69	After	Interior Girder 4	16.85	0.95	1	1	5.648161
HS20_str_inv	BOBJ1	140.69	After	Interior Girder 5	16.85	0.95	1	1	6.298941
HS20_str_inv	BOBJ1	140.69	After	Interior Girder 6	16.85	0.95	1	1	6.746753
HS20_str_inv	BOBJ1	140.69	After	Right Exterior Girder	16.85	0.95	1	1	10.382199
HS20_str_inv	BOBJ1	149.115	Before	Left Exterior Girder	25.275	0.95	1	1	10.562971
HS20_str_inv	BOBJ1	149.115	Before	Interior Girder 1	25.275	0.95	1	1	6.908495
HS20_str_inv	BOBJ1	149.115	Before	Interior Girder 2	25.275	0.95	1	1	6.449609
HS20_str_inv	BOBJ1	149.115	Before	Interior Girder 3	25.275	0.95	1	1	5.78313
HS20_str_inv	BOBJ1	149.115	Before	Interior Girder 4	25.275	0.95	1	1	5.78313
HS20_str_inv	BOBJ1	149.115	Before	Interior Girder 5	25.275	0.95	1	1	6.449609
HS20_str_inv	BOBJ1	149.115	Before	Interior Girder 6	25.275	0.95	1	1	6.908495
HS20_str_inv	BOBJ1	149.115	Before	Right Exterior Girder	25.275	0.95	1	1	10.562971
HS20_str_inv	BOBJ1	149.115	After	Left Exterior Girder	25.275	0.95	1	1	13.771527
HS20_str_inv	BOBJ1	149.115	After	Interior Girder 1	25.275	0.95	1	1	10.934472
HS20_str_inv	BOBJ1	149.115	After	Interior Girder 2	25.275	0.95	1	1	9.908137
HS20_str_inv	BOBJ1	149.115	After	Interior Girder 3	25.275	0.95	1	1	8.803619
HS20_str_inv	BOBJ1	149.115	After	Interior Girder 4	25.275	0.95	1	1	8.803619
HS20_str_inv	BOBJ1	149.115	After	Interior Girder 5	25.275	0.95	1	1	9.908137
HS20_str_inv	BOBJ1	149.115	After	Interior Girder 6	25.275	0.95	1	1	10.934472
HS20_str_inv	BOBJ1	149.115	After	Right Exterior Girder	25.275	0.95	1	1	13.771527
HS20_str_inv	BOBJ1	157.54	Before	Left Exterior Girder	33.7	0.95	1	1	13.999539
HS20_str_inv	BOBJ1	157.54	Before	Interior Girder 1	33.7	0.95	1	1	11.188711
HS20_str_inv	BOBJ1	157.54	Before	Interior Girder 2	33.7	0.95	1	1	10.137495
HS20_str_inv	BOBJ1	157.54	Before	Interior Girder 3	33.7	0.95	1	1	8.610657
HS20_str_inv	BOBJ1	157.54	Before	Interior Girder 4	33.7	0.95	1	1	8.610657
HS20_str_inv	BOBJ1	157.54	Before	Interior Girder 5	33.7	0.95	1	1	10.137495
HS20_str_inv	BOBJ1	157.54	Before	Interior Girder 6	33.7	0.95	1	1	11.188711
HS20_str_inv	BOBJ1	157.54	Before	Right Exterior Girder	33.7	0.95	1	1	13.999539
HS20_str_inv	BOBJ1	157.54	After	Left Exterior Girder	33.7	0.95	1	1	14.021004
HS20_str_inv	BOBJ1	157.54	After	Interior Girder 1	33.7	0.95	1	1	11.196707
HS20_str_inv	BOBJ1	157.54	After	Interior Girder 2	33.7	0.95	1	1	10.144409
HS20_str_inv	BOBJ1	157.54	After	Interior Girder 3	33.7	0.95	1	1	8.605561
HS20_str_inv	BOBJ1	157.54	After	Interior Girder 4	33.7	0.95	1	1	8.605561
HS20_str_inv	BOBJ1	157.54	After	Interior Girder 5	33.7	0.95	1	1	10.144409
HS20_str_inv	BOBJ1	157.54	After	Interior Girder 6	33.7	0.95	1	1	11.196707
HS20_str_inv	BOBJ1	157.54	After	Right Exterior Girder	33.7	0.95	1	1	14.021004
HS20_str_inv	BOBJ1	165.965	Before	Left Exterior Girder	42.125	0.95	1	1	13.792659
HS20_str_inv	BOBJ1	165.965	Before	Interior Girder 1	42.125	0.95	1	1	10.942292
HS20_str_inv	BOBJ1	165.965	Before	Interior Girder 2	42.125	0.95	1	1	9.9149
HS20_str_inv	BOBJ1	165.965	Before	Interior Girder 3	42.125	0.95	1	1	8.798417
HS20_str_inv	BOBJ1	165.965	Before	Interior Girder 4	42.125	0.95	1	1	8.798417
HS20_str_inv	BOBJ1	165.965	Before	Interior Girder 5	42.125	0.95	1	1	9.9149
HS20_str_inv	BOBJ1	165.965	Before	Interior Girder 6	42.125	0.95	1	1	10.942292
HS20_str_inv	BOBJ1	165.965	Before	Right Exterior Girder	42.125	0.95	1	1	13.792659
HS20_str_inv	BOBJ1	165.965	After	Left Exterior Girder	42.125	0.95	1	1	10.574756
HS20_str_inv	BOBJ1	165.965	After	Interior Girder 1	42.125	0.95	1	1	6.911767
HS20_str_inv	BOBJ1	165.965	After	Interior Girder 2	42.125	0.95	1	1	6.452583
HS20_str_inv	BOBJ1	165.965	After	Interior Girder 3	42.125	0.95	1	1	5.78574
HS20_str_inv	BOBJ1	165.965	After	Interior Girder 4	42.125	0.95	1	1	5.78574
HS20_str_inv	BOBJ1	165.965	After	Interior Girder 5	42.125	0.95	1	1	6.452583
HS20_str_inv	BOBJ1	165.965	After	Interior Girder 6	42.125	0.95	1	1	6.911767
HS20_str_inv	BOBJ1	165.965	After	Right Exterior Girder	42.125	0.95	1	1	10.574756

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Approach, Span 7-11									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
HS20_str_inv	BOBJ1	174.39	Before	Left Exterior Girder	50.55	0.95	1	1	10.393797
HS20_str_inv	BOBJ1	174.39	Before	Interior Girder 1	50.55	0.95	1	1	6.749952
HS20_str_inv	BOBJ1	174.39	Before	Interior Girder 2	50.55	0.95	1	1	6.301848
HS20_str_inv	BOBJ1	174.39	Before	Interior Girder 3	50.55	0.95	1	1	5.650717
HS20_str_inv	BOBJ1	174.39	Before	Interior Girder 4	50.55	0.95	1	1	5.650717
HS20_str_inv	BOBJ1	174.39	Before	Interior Girder 5	50.55	0.95	1	1	6.301848
HS20_str_inv	BOBJ1	174.39	Before	Interior Girder 6	50.55	0.95	1	1	6.749952
HS20_str_inv	BOBJ1	174.39	Before	Right Exterior Girder	50.55	0.95	1	1	10.393797
HS20_str_inv	BOBJ1	174.39	After	Left Exterior Girder	50.55	0.95	1	1	6.49052
HS20_str_inv	BOBJ1	174.39	After	Interior Girder 1	50.55	0.95	1	1	6.124293
HS20_str_inv	BOBJ1	174.39	After	Interior Girder 2	50.55	0.95	1	1	5.662846
HS20_str_inv	BOBJ1	174.39	After	Interior Girder 3	50.55	0.95	1	1	5.247602
HS20_str_inv	BOBJ1	174.39	After	Interior Girder 4	50.55	0.95	1	1	5.247602
HS20_str_inv	BOBJ1	174.39	After	Interior Girder 5	50.55	0.95	1	1	5.662846
HS20_str_inv	BOBJ1	174.39	After	Interior Girder 6	50.55	0.95	1	1	6.124293
HS20_str_inv	BOBJ1	174.39	After	Right Exterior Girder	50.55	0.95	1	1	6.49052
HS20_str_inv	BOBJ1	182.825	Before	Left Exterior Girder	58.985	0.95	1	1	6.373308
HS20_str_inv	BOBJ1	182.825	Before	Interior Girder 1	58.985	0.95	1	1	5.975649
HS20_str_inv	BOBJ1	182.825	Before	Interior Girder 2	58.985	0.95	1	1	5.526998
HS20_str_inv	BOBJ1	182.825	Before	Interior Girder 3	58.985	0.95	1	1	5.119749
HS20_str_inv	BOBJ1	182.825	Before	Interior Girder 4	58.985	0.95	1	1	5.119749
HS20_str_inv	BOBJ1	182.825	Before	Interior Girder 5	58.985	0.95	1	1	5.526998
HS20_str_inv	BOBJ1	182.825	Before	Interior Girder 6	58.985	0.95	1	1	5.975649
HS20_str_inv	BOBJ1	182.825	Before	Right Exterior Girder	58.985	0.95	1	1	6.373308
HS20_str_inv	BOBJ1	182.825	After	Left Exterior Girder	58.985	0.95	1	1	4.212717
HS20_str_inv	BOBJ1	182.825	After	Interior Girder 1	58.985	0.95	1	1	5.181626
HS20_str_inv	BOBJ1	182.825	After	Interior Girder 2	58.985	0.95	1	1	3.997175
HS20_str_inv	BOBJ1	182.825	After	Interior Girder 3	58.985	0.95	1	1	3.392145
HS20_str_inv	BOBJ1	182.825	After	Interior Girder 4	58.985	0.95	1	1	3.392145
HS20_str_inv	BOBJ1	182.825	After	Interior Girder 5	58.985	0.95	1	1	3.997175
HS20_str_inv	BOBJ1	182.825	After	Interior Girder 6	58.985	0.95	1	1	5.181626
HS20_str_inv	BOBJ1	182.825	After	Right Exterior Girder	58.985	0.95	1	1	4.212717
HS20_str_inv	BOBJ1	183.76	Before	Left Exterior Girder	59.92	0.95	1	1	4.203473
HS20_str_inv	BOBJ1	183.76	Before	Right Exterior Girder	59.92	0.95	1	1	4.203473
HS20_str_inv	BOBJ1	183.76	After	Left Exterior Girder	59.92	0.95	1	1	3.810147
HS20_str_inv	BOBJ1	183.76	After	Right Exterior Girder	59.92	0.95	1	1	3.810147
HS20_str_inv	BOBJ1	186.26	Before	Interior Girder 1	62.42	0.95	1	1	4.140423
HS20_str_inv	BOBJ1	186.26	Before	Interior Girder 2	62.42	0.95	1	1	3.956991
HS20_str_inv	BOBJ1	186.26	Before	Interior Girder 3	62.42	0.95	1	1	3.357351
HS20_str_inv	BOBJ1	186.26	Before	Interior Girder 4	62.42	0.95	1	1	3.357351
HS20_str_inv	BOBJ1	186.26	Before	Interior Girder 5	62.42	0.95	1	1	3.956991
HS20_str_inv	BOBJ1	186.26	Before	Interior Girder 6	62.42	0.95	1	1	4.140423
HS20_str_inv	BOBJ1	186.26	After	Interior Girder 1	62.42	0.95	1	1	3.805382
HS20_str_inv	BOBJ1	186.26	After	Interior Girder 2	62.42	0.95	1	1	3.543687
HS20_str_inv	BOBJ1	186.26	After	Interior Girder 3	62.42	0.95	1	1	2.883662
HS20_str_inv	BOBJ1	186.26	After	Interior Girder 4	62.42	0.95	1	1	2.883662
HS20_str_inv	BOBJ1	186.26	After	Interior Girder 5	62.42	0.95	1	1	3.543687
HS20_str_inv	BOBJ1	186.26	After	Interior Girder 6	62.42	0.95	1	1	3.805382
HS20_str_inv	BOBJ1	191.26	Before	Left Exterior Girder	67.42	0.95	1	1	5.52286
HS20_str_inv	BOBJ1	191.26	Before	Interior Girder 1	67.42	0.95	1	1	3.745772
HS20_str_inv	BOBJ1	191.26	Before	Interior Girder 2	67.42	0.95	1	1	3.488801
HS20_str_inv	BOBJ1	191.26	Before	Interior Girder 3	67.42	0.95	1	1	2.83789
HS20_str_inv	BOBJ1	191.26	Before	Interior Girder 4	67.42	0.95	1	1	2.83789
HS20_str_inv	BOBJ1	191.26	Before	Interior Girder 5	67.42	0.95	1	1	3.488801
HS20_str_inv	BOBJ1	191.26	Before	Interior Girder 6	67.42	0.95	1	1	3.745772
HS20_str_inv	BOBJ1	191.26	Before	Right Exterior Girder	67.42	0.95	1	1	5.52286
HS20_str_inv	BOBJ1	191.26	After	Left Exterior Girder	0	0.95	1	1	5.570064
HS20_str_inv	BOBJ1	191.26	After	Interior Girder 1	0	0.95	1	1	3.760257
HS20_str_inv	BOBJ1	191.26	After	Interior Girder 2	0	0.95	1	1	3.499965
HS20_str_inv	BOBJ1	191.26	After	Interior Girder 3	0	0.95	1	1	2.841819
HS20_str_inv	BOBJ1	191.26	After	Interior Girder 4	0	0.95	1	1	2.841819
HS20_str_inv	BOBJ1	191.26	After	Interior Girder 5	0	0.95	1	1	3.499965
HS20_str_inv	BOBJ1	191.26	After	Interior Girder 6	0	0.95	1	1	3.760257
HS20_str_inv	BOBJ1	191.26	After	Right Exterior Girder	0	0.95	1	1	5.570064
HS20_str_inv	BOBJ1	196.26	Before	Interior Girder 1	5	0.95	1	1	3.820039

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Approach, Span 7-11									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
HS20_str_inv	BOBJ1	196.26	Before	Interior Girder 2	5	0.95	1	1	3.554983
HS20_str_inv	BOBJ1	196.26	Before	Interior Girder 3	5	0.95	1	1	2.887636
HS20_str_inv	BOBJ1	196.26	Before	Interior Girder 4	5	0.95	1	1	2.887636
HS20_str_inv	BOBJ1	196.26	Before	Interior Girder 5	5	0.95	1	1	3.554983
HS20_str_inv	BOBJ1	196.26	Before	Interior Girder 6	5	0.95	1	1	3.820039
HS20_str_inv	BOBJ1	196.26	After	Interior Girder 1	5	0.95	1	1	4.157879
HS20_str_inv	BOBJ1	196.26	After	Interior Girder 2	5	0.95	1	1	3.97069
HS20_str_inv	BOBJ1	196.26	After	Interior Girder 3	5	0.95	1	1	3.361825
HS20_str_inv	BOBJ1	196.26	After	Interior Girder 4	5	0.95	1	1	3.361825
HS20_str_inv	BOBJ1	196.26	After	Interior Girder 5	5	0.95	1	1	3.97069
HS20_str_inv	BOBJ1	196.26	After	Interior Girder 6	5	0.95	1	1	4.157879
HS20_str_inv	BOBJ1	198.76	Before	Left Exterior Girder	7.5	0.95	1	1	3.82335
HS20_str_inv	BOBJ1	198.76	Before	Right Exterior Girder	7.5	0.95	1	1	3.82335
HS20_str_inv	BOBJ1	198.76	After	Left Exterior Girder	7.5	0.95	1	1	4.223246
HS20_str_inv	BOBJ1	198.76	After	Right Exterior Girder	7.5	0.95	1	1	4.223246
HS20_str_inv	BOBJ1	199.685	Before	Left Exterior Girder	8.425	0.95	1	1	4.232434
HS20_str_inv	BOBJ1	199.685	Before	Interior Girder 1	8.425	0.95	1	1	5.214635
HS20_str_inv	BOBJ1	199.685	Before	Interior Girder 2	8.425	0.95	1	1	4.010864
HS20_str_inv	BOBJ1	199.685	Before	Interior Girder 3	8.425	0.95	1	1	3.396552
HS20_str_inv	BOBJ1	199.685	Before	Interior Girder 4	8.425	0.95	1	1	3.396552
HS20_str_inv	BOBJ1	199.685	Before	Interior Girder 5	8.425	0.95	1	1	4.010864
HS20_str_inv	BOBJ1	199.685	Before	Interior Girder 6	8.425	0.95	1	1	5.214635
HS20_str_inv	BOBJ1	199.685	Before	Right Exterior Girder	8.425	0.95	1	1	4.232434
HS20_str_inv	BOBJ1	199.685	After	Left Exterior Girder	8.425	0.95	1	1	6.43905
HS20_str_inv	BOBJ1	199.685	After	Interior Girder 1	8.425	0.95	1	1	6.016545
HS20_str_inv	BOBJ1	199.685	After	Interior Girder 2	8.425	0.95	1	1	5.552606
HS20_str_inv	BOBJ1	199.685	After	Interior Girder 3	8.425	0.95	1	1	5.133236
HS20_str_inv	BOBJ1	199.685	After	Interior Girder 4	8.425	0.95	1	1	5.133236
HS20_str_inv	BOBJ1	199.685	After	Interior Girder 5	8.425	0.95	1	1	5.552606
HS20_str_inv	BOBJ1	199.685	After	Interior Girder 6	8.425	0.95	1	1	6.016545
HS20_str_inv	BOBJ1	199.685	After	Right Exterior Girder	8.425	0.95	1	1	6.43905
HS20_str_inv	BOBJ1	208.11	Before	Left Exterior Girder	16.85	0.95	1	1	6.557265
HS20_str_inv	BOBJ1	208.11	Before	Interior Girder 1	16.85	0.95	1	1	6.165893
HS20_str_inv	BOBJ1	208.11	Before	Interior Girder 2	16.85	0.95	1	1	5.688825
HS20_str_inv	BOBJ1	208.11	Before	Interior Girder 3	16.85	0.95	1	1	5.261236
HS20_str_inv	BOBJ1	208.11	Before	Interior Girder 4	16.85	0.95	1	1	5.261236
HS20_str_inv	BOBJ1	208.11	Before	Interior Girder 5	16.85	0.95	1	1	5.688825
HS20_str_inv	BOBJ1	208.11	Before	Interior Girder 6	16.85	0.95	1	1	6.165893
HS20_str_inv	BOBJ1	208.11	Before	Right Exterior Girder	16.85	0.95	1	1	6.557265
HS20_str_inv	BOBJ1	208.11	After	Left Exterior Girder	16.85	0.95	1	1	10.534984
HS20_str_inv	BOBJ1	208.11	After	Interior Girder 1	16.85	0.95	1	1	6.811431
HS20_str_inv	BOBJ1	208.11	After	Interior Girder 2	16.85	0.95	1	1	6.340013
HS20_str_inv	BOBJ1	208.11	After	Interior Girder 3	16.85	0.95	1	1	5.665187
HS20_str_inv	BOBJ1	208.11	After	Interior Girder 4	16.85	0.95	1	1	5.665187
HS20_str_inv	BOBJ1	208.11	After	Interior Girder 5	16.85	0.95	1	1	6.340013
HS20_str_inv	BOBJ1	208.11	After	Interior Girder 6	16.85	0.95	1	1	6.811431
HS20_str_inv	BOBJ1	208.11	After	Right Exterior Girder	16.85	0.95	1	1	10.534984
HS20_str_inv	BOBJ1	216.535	Before	Left Exterior Girder	25.275	0.95	1	1	10.718254
HS20_str_inv	BOBJ1	216.535	Before	Interior Girder 1	25.275	0.95	1	1	6.97459
HS20_str_inv	BOBJ1	216.535	Before	Interior Girder 2	25.275	0.95	1	1	6.491587
HS20_str_inv	BOBJ1	216.535	Before	Interior Girder 3	25.275	0.95	1	1	5.800534
HS20_str_inv	BOBJ1	216.535	Before	Interior Girder 4	25.275	0.95	1	1	5.800534
HS20_str_inv	BOBJ1	216.535	Before	Interior Girder 5	25.275	0.95	1	1	6.491587
HS20_str_inv	BOBJ1	216.535	Before	Interior Girder 6	25.275	0.95	1	1	6.97459
HS20_str_inv	BOBJ1	216.535	Before	Right Exterior Girder	25.275	0.95	1	1	10.718254
HS20_str_inv	BOBJ1	216.535	After	Left Exterior Girder	25.275	0.95	1	1	14.086538
HS20_str_inv	BOBJ1	216.535	After	Interior Girder 1	25.275	0.95	1	1	11.070941
HS20_str_inv	BOBJ1	216.535	After	Interior Girder 2	25.275	0.95	1	1	9.9842
HS20_str_inv	BOBJ1	216.535	After	Interior Girder 3	25.275	0.95	1	1	8.776361
HS20_str_inv	BOBJ1	216.535	After	Interior Girder 4	25.275	0.95	1	1	8.776361
HS20_str_inv	BOBJ1	216.535	After	Interior Girder 5	25.275	0.95	1	1	9.9842
HS20_str_inv	BOBJ1	216.535	After	Interior Girder 6	25.275	0.95	1	1	11.070941
HS20_str_inv	BOBJ1	216.535	After	Right Exterior Girder	25.275	0.95	1	1	14.086538
HS20_str_inv	BOBJ1	224.96	Before	Left Exterior Girder	33.7	0.95	1	1	14.319565
HS20_str_inv	BOBJ1	224.96	Before	Interior Girder 1	33.7	0.95	1	1	11.328148

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Approach, Span 7-11									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
HS20_str_inv	BOBJ1	224.96	Before	Interior Girder 2	33.7	0.95	1	1	10.134263
HS20_str_inv	BOBJ1	224.96	Before	Interior Girder 3	33.7	0.95	1	1	8.583961
HS20_str_inv	BOBJ1	224.96	Before	Interior Girder 4	33.7	0.95	1	1	8.583961
HS20_str_inv	BOBJ1	224.96	Before	Interior Girder 5	33.7	0.95	1	1	10.134263
HS20_str_inv	BOBJ1	224.96	Before	Interior Girder 6	33.7	0.95	1	1	11.328148
HS20_str_inv	BOBJ1	224.96	Before	Right Exterior Girder	33.7	0.95	1	1	14.319565
HS20_str_inv	BOBJ1	224.96	After	Left Exterior Girder	33.7	0.95	1	1	13.693359
HS20_str_inv	BOBJ1	224.96	After	Interior Girder 1	33.7	0.95	1	1	11.090491
HS20_str_inv	BOBJ1	224.96	After	Interior Girder 2	33.7	0.95	1	1	10.067836
HS20_str_inv	BOBJ1	224.96	After	Interior Girder 3	33.7	0.95	1	1	8.69378
HS20_str_inv	BOBJ1	224.96	After	Interior Girder 4	33.7	0.95	1	1	8.69378
HS20_str_inv	BOBJ1	224.96	After	Interior Girder 5	33.7	0.95	1	1	10.067836
HS20_str_inv	BOBJ1	224.96	After	Interior Girder 6	33.7	0.95	1	1	11.090491
HS20_str_inv	BOBJ1	224.96	After	Right Exterior Girder	33.7	0.95	1	1	13.693359
HS20_str_inv	BOBJ1	233.385	Before	Left Exterior Girder	42.125	0.95	1	1	13.469979
HS20_str_inv	BOBJ1	233.385	Before	Interior Girder 1	42.125	0.95	1	1	10.83842
HS20_str_inv	BOBJ1	233.385	Before	Interior Girder 2	42.125	0.95	1	1	9.840047
HS20_str_inv	BOBJ1	233.385	Before	Interior Girder 3	42.125	0.95	1	1	8.888557
HS20_str_inv	BOBJ1	233.385	Before	Interior Girder 4	42.125	0.95	1	1	8.888557
HS20_str_inv	BOBJ1	233.385	Before	Interior Girder 5	42.125	0.95	1	1	9.840047
HS20_str_inv	BOBJ1	233.385	Before	Interior Girder 6	42.125	0.95	1	1	10.83842
HS20_str_inv	BOBJ1	233.385	Before	Right Exterior Girder	42.125	0.95	1	1	13.469979
HS20_str_inv	BOBJ1	233.385	After	Left Exterior Girder	42.125	0.95	1	1	10.382233
HS20_str_inv	BOBJ1	233.385	After	Interior Girder 1	42.125	0.95	1	1	6.862391
HS20_str_inv	BOBJ1	233.385	After	Interior Girder 2	42.125	0.95	1	1	6.416805
HS20_str_inv	BOBJ1	233.385	After	Interior Girder 3	42.125	0.95	1	1	5.758129
HS20_str_inv	BOBJ1	233.385	After	Interior Girder 4	42.125	0.95	1	1	5.758129
HS20_str_inv	BOBJ1	233.385	After	Interior Girder 5	42.125	0.95	1	1	6.416805
HS20_str_inv	BOBJ1	233.385	After	Interior Girder 6	42.125	0.95	1	1	6.862391
HS20_str_inv	BOBJ1	233.385	After	Right Exterior Girder	42.125	0.95	1	1	10.382233
HS20_str_inv	BOBJ1	241.81	Before	Left Exterior Girder	50.55	0.95	1	1	10.204242
HS20_str_inv	BOBJ1	241.81	Before	Interior Girder 1	50.55	0.95	1	1	6.701699
HS20_str_inv	BOBJ1	241.81	Before	Interior Girder 2	50.55	0.95	1	1	6.266903
HS20_str_inv	BOBJ1	241.81	Before	Interior Girder 3	50.55	0.95	1	1	5.623705
HS20_str_inv	BOBJ1	241.81	Before	Interior Girder 4	50.55	0.95	1	1	5.623705
HS20_str_inv	BOBJ1	241.81	Before	Interior Girder 5	50.55	0.95	1	1	6.266903
HS20_str_inv	BOBJ1	241.81	Before	Interior Girder 6	50.55	0.95	1	1	6.701699
HS20_str_inv	BOBJ1	241.81	Before	Right Exterior Girder	50.55	0.95	1	1	10.204242
HS20_str_inv	BOBJ1	241.81	After	Left Exterior Girder	50.55	0.95	1	1	6.524812
HS20_str_inv	BOBJ1	241.81	After	Interior Girder 1	50.55	0.95	1	1	6.046793
HS20_str_inv	BOBJ1	241.81	After	Interior Girder 2	50.55	0.95	1	1	5.553504
HS20_str_inv	BOBJ1	241.81	After	Interior Girder 3	50.55	0.95	1	1	5.104845
HS20_str_inv	BOBJ1	241.81	After	Interior Girder 4	50.55	0.95	1	1	5.104845
HS20_str_inv	BOBJ1	241.81	After	Interior Girder 5	50.55	0.95	1	1	5.553504
HS20_str_inv	BOBJ1	241.81	After	Interior Girder 6	50.55	0.95	1	1	6.046793
HS20_str_inv	BOBJ1	241.81	After	Right Exterior Girder	50.55	0.95	1	1	6.524812
HS20_str_inv	BOBJ1	245.18	Before	Left Exterior Girder	53.92	0.95	1	1	6.478053
HS20_str_inv	BOBJ1	245.18	Before	Interior Girder 1	53.92	0.95	1	1	5.98838
HS20_str_inv	BOBJ1	245.18	Before	Interior Girder 2	53.92	0.95	1	1	5.500426
HS20_str_inv	BOBJ1	245.18	Before	Interior Girder 3	53.92	0.95	1	1	5.055276
HS20_str_inv	BOBJ1	245.18	Before	Interior Girder 4	53.92	0.95	1	1	5.055276
HS20_str_inv	BOBJ1	245.18	Before	Interior Girder 5	53.92	0.95	1	1	5.500426
HS20_str_inv	BOBJ1	245.18	Before	Interior Girder 6	53.92	0.95	1	1	5.98838
HS20_str_inv	BOBJ1	245.18	Before	Right Exterior Girder	53.92	0.95	1	1	6.478053
HS20_str_inv	BOBJ1	245.18	After	Left Exterior Girder	53.92	0.95	1	1	6.827562
HS20_str_inv	BOBJ1	245.18	After	Interior Girder 1	53.92	0.95	1	1	5.520336
HS20_str_inv	BOBJ1	245.18	After	Interior Girder 2	53.92	0.95	1	1	5.103417
HS20_str_inv	BOBJ1	245.18	After	Interior Girder 3	53.92	0.95	1	1	4.592994
HS20_str_inv	BOBJ1	245.18	After	Interior Girder 4	53.92	0.95	1	1	4.592994
HS20_str_inv	BOBJ1	245.18	After	Interior Girder 5	53.92	0.95	1	1	5.103417
HS20_str_inv	BOBJ1	245.18	After	Interior Girder 6	53.92	0.95	1	1	5.520336
HS20_str_inv	BOBJ1	245.18	After	Right Exterior Girder	53.92	0.95	1	1	6.827562
HS20_str_inv	BOBJ1	250.245	Before	Left Exterior Girder	58.985	0.95	1	1	6.758497
HS20_str_inv	BOBJ1	250.245	Before	Interior Girder 1	58.985	0.95	1	1	5.442075
HS20_str_inv	BOBJ1	250.245	Before	Interior Girder 2	58.985	0.95	1	1	5.031781

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Approach, Span 7-11									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
HS20_str_inv	BOBJ1	250.245	Before	Interior Girder 3	58.985	0.95	1	1	4.527436
HS20_str_inv	BOBJ1	250.245	Before	Interior Girder 4	58.985	0.95	1	1	4.527436
HS20_str_inv	BOBJ1	250.245	Before	Interior Girder 5	58.985	0.95	1	1	5.031781
HS20_str_inv	BOBJ1	250.245	Before	Interior Girder 6	58.985	0.95	1	1	5.442075
HS20_str_inv	BOBJ1	250.245	Before	Right Exterior Girder	58.985	0.95	1	1	6.758497
HS20_str_inv	BOBJ1	250.245	After	Left Exterior Girder	58.985	0.95	1	1	5.630947
HS20_str_inv	BOBJ1	250.245	After	Interior Girder 1	58.985	0.95	1	1	4.76926
HS20_str_inv	BOBJ1	250.245	After	Interior Girder 2	58.985	0.95	1	1	4.181133
HS20_str_inv	BOBJ1	250.245	After	Interior Girder 3	58.985	0.95	1	1	3.555016
HS20_str_inv	BOBJ1	250.245	After	Interior Girder 4	58.985	0.95	1	1	3.555016
HS20_str_inv	BOBJ1	250.245	After	Interior Girder 5	58.985	0.95	1	1	4.181133
HS20_str_inv	BOBJ1	250.245	After	Interior Girder 6	58.985	0.95	1	1	4.76926
HS20_str_inv	BOBJ1	250.245	After	Right Exterior Girder	58.985	0.95	1	1	5.630947
HS20_str_inv	BOBJ1	251.68	Before	Left Exterior Girder	60.42	0.95	1	1	5.614127
HS20_str_inv	BOBJ1	251.68	Before	Right Exterior Girder	60.42	0.95	1	1	5.614127
HS20_str_inv	BOBJ1	251.68	After	Left Exterior Girder	60.42	0.95	1	1	5.122674
HS20_str_inv	BOBJ1	251.68	After	Right Exterior Girder	60.42	0.95	1	1	5.122674
HS20_str_inv	BOBJ1	254.18	Before	Interior Girder 1	62.92	0.95	1	1	4.32767
HS20_str_inv	BOBJ1	254.18	Before	Interior Girder 2	62.92	0.95	1	1	4.134732
HS20_str_inv	BOBJ1	254.18	Before	Interior Girder 3	62.92	0.95	1	1	3.514774
HS20_str_inv	BOBJ1	254.18	Before	Interior Girder 4	62.92	0.95	1	1	3.514774
HS20_str_inv	BOBJ1	254.18	Before	Interior Girder 5	62.92	0.95	1	1	4.134732
HS20_str_inv	BOBJ1	254.18	Before	Interior Girder 6	62.92	0.95	1	1	4.32767
HS20_str_inv	BOBJ1	254.18	After	Interior Girder 1	62.92	0.95	1	1	3.940649
HS20_str_inv	BOBJ1	254.18	After	Interior Girder 2	62.92	0.95	1	1	3.671543
HS20_str_inv	BOBJ1	254.18	After	Interior Girder 3	62.92	0.95	1	1	2.968389
HS20_str_inv	BOBJ1	254.18	After	Interior Girder 4	62.92	0.95	1	1	2.968389
HS20_str_inv	BOBJ1	254.18	After	Interior Girder 5	62.92	0.95	1	1	3.671543
HS20_str_inv	BOBJ1	254.18	After	Interior Girder 6	62.92	0.95	1	1	3.940649
HS20_str_inv	BOBJ1	258.68	Before	Left Exterior Girder	67.42	0.95	1	1	6.238774
HS20_str_inv	BOBJ1	258.68	Before	Interior Girder 1	67.42	0.95	1	1	3.888263
HS20_str_inv	BOBJ1	258.68	Before	Interior Girder 2	67.42	0.95	1	1	3.62321
HS20_str_inv	BOBJ1	258.68	Before	Interior Girder 3	67.42	0.95	1	1	2.928345
HS20_str_inv	BOBJ1	258.68	Before	Interior Girder 4	67.42	0.95	1	1	2.928345
HS20_str_inv	BOBJ1	258.68	Before	Interior Girder 5	67.42	0.95	1	1	3.62321
HS20_str_inv	BOBJ1	258.68	Before	Interior Girder 6	67.42	0.95	1	1	3.888263
HS20_str_inv	BOBJ1	258.68	Before	Right Exterior Girder	67.42	0.95	1	1	6.238774
HS20_str_inv	BOBJ1	258.68	After	Left Exterior Girder	0	0.95	1	1	6.492278
HS20_str_inv	BOBJ1	258.68	After	Interior Girder 1	0	0.95	1	1	3.836138
HS20_str_inv	BOBJ1	258.68	After	Interior Girder 2	0	0.95	1	1	3.564411
HS20_str_inv	BOBJ1	258.68	After	Interior Girder 3	0	0.95	1	1	2.877564
HS20_str_inv	BOBJ1	258.68	After	Interior Girder 4	0	0.95	1	1	2.877564
HS20_str_inv	BOBJ1	258.68	After	Interior Girder 5	0	0.95	1	1	3.564411
HS20_str_inv	BOBJ1	258.68	After	Interior Girder 6	0	0.95	1	1	3.836138
HS20_str_inv	BOBJ1	258.68	After	Right Exterior Girder	0	0.95	1	1	6.492278
HS20_str_inv	BOBJ1	263.18	Before	Interior Girder 1	4.5	0.95	1	1	3.888115
HS20_str_inv	BOBJ1	263.18	Before	Interior Girder 2	4.5	0.95	1	1	3.612242
HS20_str_inv	BOBJ1	263.18	Before	Interior Girder 3	4.5	0.95	1	1	2.917088
HS20_str_inv	BOBJ1	263.18	Before	Interior Girder 4	4.5	0.95	1	1	2.917088
HS20_str_inv	BOBJ1	263.18	Before	Interior Girder 5	4.5	0.95	1	1	3.612242
HS20_str_inv	BOBJ1	263.18	Before	Interior Girder 6	4.5	0.95	1	1	3.888115
HS20_str_inv	BOBJ1	263.18	After	Interior Girder 1	4.5	0.95	1	1	4.427174
HS20_str_inv	BOBJ1	263.18	After	Interior Girder 2	4.5	0.95	1	1	4.193481
HS20_str_inv	BOBJ1	263.18	After	Interior Girder 3	4.5	0.95	1	1	3.571724
HS20_str_inv	BOBJ1	263.18	After	Interior Girder 4	4.5	0.95	1	1	3.571724
HS20_str_inv	BOBJ1	263.18	After	Interior Girder 5	4.5	0.95	1	1	4.193481
HS20_str_inv	BOBJ1	263.18	After	Interior Girder 6	4.5	0.95	1	1	4.427174
HS20_str_inv	BOBJ1	265.68	Before	Left Exterior Girder	7	0.95	1	1	5.478754
HS20_str_inv	BOBJ1	265.68	Before	Right Exterior Girder	7	0.95	1	1	5.478754
HS20_str_inv	BOBJ1	265.68	After	Left Exterior Girder	7	0.95	1	1	6.256358
HS20_str_inv	BOBJ1	265.68	After	Right Exterior Girder	7	0.95	1	1	6.256358
HS20_str_inv	BOBJ1	268.08	Before	Left Exterior Girder	9.4	0.95	1	1	6.287782
HS20_str_inv	BOBJ1	268.08	Before	Interior Girder 1	9.4	0.95	1	1	4.757811
HS20_str_inv	BOBJ1	268.08	Before	Interior Girder 2	9.4	0.95	1	1	4.252408
HS20_str_inv	BOBJ1	268.08	Before	Interior Girder 3	9.4	0.95	1	1	3.622829

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Approach, Span 7-11									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
HS20_str_inv	BOBJ1	268.08	Before	Interior Girder 4	9.4	0.95	1	1	3.622829
HS20_str_inv	BOBJ1	268.08	Before	Interior Girder 5	9.4	0.95	1	1	4.252408
HS20_str_inv	BOBJ1	268.08	Before	Interior Girder 6	9.4	0.95	1	1	4.757811
HS20_str_inv	BOBJ1	268.08	Before	Right Exterior Girder	9.4	0.95	1	1	6.287782
HS20_str_inv	BOBJ1	268.08	After	Left Exterior Girder	9.4	0.95	1	1	7.712874
HS20_str_inv	BOBJ1	268.08	After	Interior Girder 1	9.4	0.95	1	1	6.7946
HS20_str_inv	BOBJ1	268.08	After	Interior Girder 2	9.4	0.95	1	1	6.120475
HS20_str_inv	BOBJ1	268.08	After	Interior Girder 3	9.4	0.95	1	1	5.696336
HS20_str_inv	BOBJ1	268.08	After	Interior Girder 4	9.4	0.95	1	1	5.696336
HS20_str_inv	BOBJ1	268.08	After	Interior Girder 5	9.4	0.95	1	1	6.120475
HS20_str_inv	BOBJ1	268.08	After	Interior Girder 6	9.4	0.95	1	1	6.7946
HS20_str_inv	BOBJ1	268.08	After	Right Exterior Girder	9.4	0.95	1	1	7.712874
HS20_str_inv	BOBJ1	277.48	Before	Left Exterior Girder	18.8	0.95	1	1	7.858178
HS20_str_inv	BOBJ1	277.48	Before	Interior Girder 1	18.8	0.95	1	1	6.976087
HS20_str_inv	BOBJ1	277.48	Before	Interior Girder 2	18.8	0.95	1	1	6.282296
HS20_str_inv	BOBJ1	277.48	Before	Interior Girder 3	18.8	0.95	1	1	5.848994
HS20_str_inv	BOBJ1	277.48	Before	Interior Girder 4	18.8	0.95	1	1	5.848994
HS20_str_inv	BOBJ1	277.48	Before	Interior Girder 5	18.8	0.95	1	1	6.282296
HS20_str_inv	BOBJ1	277.48	Before	Interior Girder 6	18.8	0.95	1	1	6.976087
HS20_str_inv	BOBJ1	277.48	Before	Right Exterior Girder	18.8	0.95	1	1	7.858178
HS20_str_inv	BOBJ1	277.48	After	Left Exterior Girder	18.8	0.95	1	1	14.347512
HS20_str_inv	BOBJ1	277.48	After	Interior Girder 1	18.8	0.95	1	1	8.043039
HS20_str_inv	BOBJ1	277.48	After	Interior Girder 2	18.8	0.95	1	1	7.330003
HS20_str_inv	BOBJ1	277.48	After	Interior Girder 3	18.8	0.95	1	1	6.37405
HS20_str_inv	BOBJ1	277.48	After	Interior Girder 4	18.8	0.95	1	1	6.37405
HS20_str_inv	BOBJ1	277.48	After	Interior Girder 5	18.8	0.95	1	1	7.330003
HS20_str_inv	BOBJ1	277.48	After	Interior Girder 6	18.8	0.95	1	1	8.043039
HS20_str_inv	BOBJ1	277.48	After	Right Exterior Girder	18.8	0.95	1	1	14.347512
HS20_str_inv	BOBJ1	286.88	Before	Left Exterior Girder	28.2	0.95	1	1	14.603866
HS20_str_inv	BOBJ1	286.88	Before	Interior Girder 1	28.2	0.95	1	1	8.249791
HS20_str_inv	BOBJ1	286.88	Before	Interior Girder 2	28.2	0.95	1	1	7.518172
HS20_str_inv	BOBJ1	286.88	Before	Interior Girder 3	28.2	0.95	1	1	6.537482
HS20_str_inv	BOBJ1	286.88	Before	Interior Girder 4	28.2	0.95	1	1	6.537482
HS20_str_inv	BOBJ1	286.88	Before	Interior Girder 5	28.2	0.95	1	1	7.518172
HS20_str_inv	BOBJ1	286.88	Before	Interior Girder 6	28.2	0.95	1	1	8.249791
HS20_str_inv	BOBJ1	286.88	Before	Right Exterior Girder	28.2	0.95	1	1	14.603866
HS20_str_inv	BOBJ1	286.88	After	Left Exterior Girder	28.2	0.95	1	1	23.985946
HS20_str_inv	BOBJ1	286.88	After	Interior Girder 1	28.2	0.95	1	1	11.618761
HS20_str_inv	BOBJ1	286.88	After	Interior Girder 2	28.2	0.95	1	1	10.276399
HS20_str_inv	BOBJ1	286.88	After	Interior Girder 3	28.2	0.95	1	1	8.747366
HS20_str_inv	BOBJ1	286.88	After	Interior Girder 4	28.2	0.95	1	1	8.747366
HS20_str_inv	BOBJ1	286.88	After	Interior Girder 5	28.2	0.95	1	1	10.276399
HS20_str_inv	BOBJ1	286.88	After	Interior Girder 6	28.2	0.95	1	1	11.618761
HS20_str_inv	BOBJ1	286.88	After	Right Exterior Girder	28.2	0.95	1	1	23.985946
HS20_str_inv	BOBJ1	296.28	Before	Left Exterior Girder	37.6	0.95	1	1	24.393432
HS20_str_inv	BOBJ1	296.28	Before	Interior Girder 1	37.6	0.95	1	1	11.343064
HS20_str_inv	BOBJ1	296.28	Before	Interior Girder 2	37.6	0.95	1	1	10.031671
HS20_str_inv	BOBJ1	296.28	Before	Interior Girder 3	37.6	0.95	1	1	8.538867
HS20_str_inv	BOBJ1	296.28	Before	Interior Girder 4	37.6	0.95	1	1	8.538867
HS20_str_inv	BOBJ1	296.28	Before	Interior Girder 5	37.6	0.95	1	1	10.031671
HS20_str_inv	BOBJ1	296.28	Before	Interior Girder 6	37.6	0.95	1	1	11.343064
HS20_str_inv	BOBJ1	296.28	Before	Right Exterior Girder	37.6	0.95	1	1	24.393432
HS20_str_inv	BOBJ1	296.28	After	Left Exterior Girder	37.6	0.95	1	1	11.765756
HS20_str_inv	BOBJ1	296.28	After	Interior Girder 1	37.6	0.95	1	1	10.309072
HS20_str_inv	BOBJ1	296.28	After	Interior Girder 2	37.6	0.95	1	1	9.253837
HS20_str_inv	BOBJ1	296.28	After	Interior Girder 3	37.6	0.95	1	1	9.000985
HS20_str_inv	BOBJ1	296.28	After	Interior Girder 4	37.6	0.95	1	1	9.000985
HS20_str_inv	BOBJ1	296.28	After	Interior Girder 5	37.6	0.95	1	1	9.253837
HS20_str_inv	BOBJ1	296.28	After	Interior Girder 6	37.6	0.95	1	1	10.309072
HS20_str_inv	BOBJ1	296.28	After	Right Exterior Girder	37.6	0.95	1	1	11.765756
HS20_str_inv	BOBJ1	305.69	Before	Left Exterior Girder	47.01	0.95	1	1	11.564387
HS20_str_inv	BOBJ1	305.69	Before	Interior Girder 1	47.01	0.95	1	1	10.053486
HS20_str_inv	BOBJ1	305.69	Before	Interior Girder 2	47.01	0.95	1	1	9.02574
HS20_str_inv	BOBJ1	305.69	Before	Interior Girder 3	47.01	0.95	1	1	8.778653
HS20_str_inv	BOBJ1	305.69	Before	Interior Girder 4	47.01	0.95	1	1	8.778653

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Approach, Span 7-11									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
HS20_str_inv	BOBJ1	305.69	Before	Interior Girder 5	47.01	0.95	1	1	9.02574
HS20_str_inv	BOBJ1	305.69	Before	Interior Girder 6	47.01	0.95	1	1	10.053486
HS20_str_inv	BOBJ1	305.69	Before	Right Exterior Girder	47.01	0.95	1	1	11.564387
HS20_str_inv	BOBJ1	305.69	After	Left Exterior Girder	47.01	0.95	1	1	8.803135
HS20_str_inv	BOBJ1	305.69	After	Interior Girder 1	47.01	0.95	1	1	6.057558
HS20_str_inv	BOBJ1	305.69	After	Interior Girder 2	47.01	0.95	1	1	5.57718
HS20_str_inv	BOBJ1	305.69	After	Interior Girder 3	47.01	0.95	1	1	5.153602
HS20_str_inv	BOBJ1	305.69	After	Interior Girder 4	47.01	0.95	1	1	5.153602
HS20_str_inv	BOBJ1	305.69	After	Interior Girder 5	47.01	0.95	1	1	5.57718
HS20_str_inv	BOBJ1	305.69	After	Interior Girder 6	47.01	0.95	1	1	6.057558
HS20_str_inv	BOBJ1	305.69	After	Right Exterior Girder	47.01	0.95	1	1	8.803135
HS20_str_inv	BOBJ1	315.1	Before	Left Exterior Girder	56.42	0.95	1	1	8.644506
HS20_str_inv	BOBJ1	315.1	Before	Interior Girder 1	56.42	0.95	1	1	5.902508
HS20_str_inv	BOBJ1	315.1	Before	Interior Girder 2	56.42	0.95	1	1	5.43494
HS20_str_inv	BOBJ1	315.1	Before	Interior Girder 3	56.42	0.95	1	1	5.021717
HS20_str_inv	BOBJ1	315.1	Before	Interior Girder 4	56.42	0.95	1	1	5.021717
HS20_str_inv	BOBJ1	315.1	Before	Interior Girder 5	56.42	0.95	1	1	5.43494
HS20_str_inv	BOBJ1	315.1	Before	Interior Girder 6	56.42	0.95	1	1	5.902508
HS20_str_inv	BOBJ1	315.1	Before	Right Exterior Girder	56.42	0.95	1	1	8.644506
HS15_str_opr	BOBJ1	0	After	Left Exterior Girder	0	0.95	1	1	14.95178
HS15_str_opr	BOBJ1	0	After	Interior Girder 1	0	0.95	1	1	10.198633
HS15_str_opr	BOBJ1	0	After	Interior Girder 2	0	0.95	1	1	9.394622
HS15_str_opr	BOBJ1	0	After	Interior Girder 3	0	0.95	1	1	8.678281
HS15_str_opr	BOBJ1	0	After	Interior Girder 4	0	0.95	1	1	8.678281
HS15_str_opr	BOBJ1	0	After	Interior Girder 5	0	0.95	1	1	9.394622
HS15_str_opr	BOBJ1	0	After	Interior Girder 6	0	0.95	1	1	10.198633
HS15_str_opr	BOBJ1	0	After	Right Exterior Girder	0	0.95	1	1	14.95178
HS15_str_opr	BOBJ1	9.4	Before	Left Exterior Girder	9.4	0.95	1	1	15.225507
HS15_str_opr	BOBJ1	9.4	Before	Interior Girder 1	9.4	0.95	1	1	10.466293
HS15_str_opr	BOBJ1	9.4	Before	Interior Girder 2	9.4	0.95	1	1	9.640192
HS15_str_opr	BOBJ1	9.4	Before	Interior Girder 3	9.4	0.95	1	1	8.905853
HS15_str_opr	BOBJ1	9.4	Before	Interior Girder 4	9.4	0.95	1	1	8.905853
HS15_str_opr	BOBJ1	9.4	Before	Interior Girder 5	9.4	0.95	1	1	9.640192
HS15_str_opr	BOBJ1	9.4	Before	Interior Girder 6	9.4	0.95	1	1	10.466293
HS15_str_opr	BOBJ1	9.4	Before	Right Exterior Girder	9.4	0.95	1	1	15.225507
HS15_str_opr	BOBJ1	9.4	After	Left Exterior Girder	9.4	0.95	1	1	19.986129
HS15_str_opr	BOBJ1	9.4	After	Interior Girder 1	9.4	0.95	1	1	17.365049
HS15_str_opr	BOBJ1	9.4	After	Interior Girder 2	9.4	0.95	1	1	15.591193
HS15_str_opr	BOBJ1	9.4	After	Interior Girder 3	9.4	0.95	1	1	15.160047
HS15_str_opr	BOBJ1	9.4	After	Interior Girder 4	9.4	0.95	1	1	15.160047
HS15_str_opr	BOBJ1	9.4	After	Interior Girder 5	9.4	0.95	1	1	15.591193
HS15_str_opr	BOBJ1	9.4	After	Interior Girder 6	9.4	0.95	1	1	17.365049
HS15_str_opr	BOBJ1	9.4	After	Right Exterior Girder	9.4	0.95	1	1	19.986129
HS15_str_opr	BOBJ1	18.8	Before	Left Exterior Girder	18.8	0.95	1	1	20.333394
HS15_str_opr	BOBJ1	18.8	Before	Interior Girder 1	18.8	0.95	1	1	17.806084
HS15_str_opr	BOBJ1	18.8	Before	Interior Girder 2	18.8	0.95	1	1	15.98474
HS15_str_opr	BOBJ1	18.8	Before	Interior Girder 3	18.8	0.95	1	1	15.543453
HS15_str_opr	BOBJ1	18.8	Before	Interior Girder 4	18.8	0.95	1	1	15.543453
HS15_str_opr	BOBJ1	18.8	Before	Interior Girder 5	18.8	0.95	1	1	15.98474
HS15_str_opr	BOBJ1	18.8	Before	Interior Girder 6	18.8	0.95	1	1	17.806084
HS15_str_opr	BOBJ1	18.8	Before	Right Exterior Girder	18.8	0.95	1	1	20.333394
HS15_str_opr	BOBJ1	18.8	After	Left Exterior Girder	18.8	0.95	1	1	42.247491
HS15_str_opr	BOBJ1	18.8	After	Interior Girder 1	18.8	0.95	1	1	19.603748
HS15_str_opr	BOBJ1	18.8	After	Interior Girder 2	18.8	0.95	1	1	17.334817
HS15_str_opr	BOBJ1	18.8	After	Interior Girder 3	18.8	0.95	1	1	14.751438
HS15_str_opr	BOBJ1	18.8	After	Interior Girder 4	18.8	0.95	1	1	14.751438
HS15_str_opr	BOBJ1	18.8	After	Interior Girder 5	18.8	0.95	1	1	17.334817
HS15_str_opr	BOBJ1	18.8	After	Interior Girder 6	18.8	0.95	1	1	19.603748
HS15_str_opr	BOBJ1	18.8	After	Right Exterior Girder	18.8	0.95	1	1	42.247491
HS15_str_opr	BOBJ1	28.2	Before	Left Exterior Girder	28.2	0.95	1	1	41.541358
HS15_str_opr	BOBJ1	28.2	Before	Interior Girder 1	28.2	0.95	1	1	20.08002
HS15_str_opr	BOBJ1	28.2	Before	Interior Girder 2	28.2	0.95	1	1	17.757615
HS15_str_opr	BOBJ1	28.2	Before	Interior Girder 3	28.2	0.95	1	1	15.111589
HS15_str_opr	BOBJ1	28.2	Before	Interior Girder 4	28.2	0.95	1	1	15.111589
HS15_str_opr	BOBJ1	28.2	Before	Interior Girder 5	28.2	0.95	1	1	17.757615

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Approach, Span 7-11									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
HS15_str_opr	BOBJ1	28.2	Before	Interior Girder 6	28.2	0.95	1	1	20.08002
HS15_str_opr	BOBJ1	28.2	Before	Right Exterior Girder	28.2	0.95	1	1	41.541358
HS15_str_opr	BOBJ1	28.2	After	Left Exterior Girder	28.2	0.95	1	1	25.266797
HS15_str_opr	BOBJ1	28.2	After	Interior Girder 1	28.2	0.95	1	1	14.26072
HS15_str_opr	BOBJ1	28.2	After	Interior Girder 2	28.2	0.95	1	1	12.997441
HS15_str_opr	BOBJ1	28.2	After	Interior Girder 3	28.2	0.95	1	1	11.304699
HS15_str_opr	BOBJ1	28.2	After	Interior Girder 4	28.2	0.95	1	1	11.304699
HS15_str_opr	BOBJ1	28.2	After	Interior Girder 5	28.2	0.95	1	1	12.997441
HS15_str_opr	BOBJ1	28.2	After	Interior Girder 6	28.2	0.95	1	1	14.26072
HS15_str_opr	BOBJ1	28.2	After	Right Exterior Girder	28.2	0.95	1	1	25.266797
HS15_str_opr	BOBJ1	37.6	Before	Left Exterior Girder	37.6	0.95	1	1	24.823006
HS15_str_opr	BOBJ1	37.6	Before	Interior Girder 1	37.6	0.95	1	1	13.903167
HS15_str_opr	BOBJ1	37.6	Before	Interior Girder 2	37.6	0.95	1	1	12.672055
HS15_str_opr	BOBJ1	37.6	Before	Interior Girder 3	37.6	0.95	1	1	11.022058
HS15_str_opr	BOBJ1	37.6	Before	Interior Girder 4	37.6	0.95	1	1	11.022058
HS15_str_opr	BOBJ1	37.6	Before	Interior Girder 5	37.6	0.95	1	1	12.672055
HS15_str_opr	BOBJ1	37.6	Before	Interior Girder 6	37.6	0.95	1	1	13.903167
HS15_str_opr	BOBJ1	37.6	Before	Right Exterior Girder	37.6	0.95	1	1	24.823006
HS15_str_opr	BOBJ1	37.6	After	Left Exterior Girder	37.6	0.95	1	1	13.588414
HS15_str_opr	BOBJ1	37.6	After	Interior Girder 1	37.6	0.95	1	1	12.055959
HS15_str_opr	BOBJ1	37.6	After	Interior Girder 2	37.6	0.95	1	1	10.858238
HS15_str_opr	BOBJ1	37.6	After	Interior Girder 3	37.6	0.95	1	1	10.117463
HS15_str_opr	BOBJ1	37.6	After	Interior Girder 4	37.6	0.95	1	1	10.117463
HS15_str_opr	BOBJ1	37.6	After	Interior Girder 5	37.6	0.95	1	1	10.858238
HS15_str_opr	BOBJ1	37.6	After	Interior Girder 6	37.6	0.95	1	1	12.055959
HS15_str_opr	BOBJ1	37.6	After	Right Exterior Girder	37.6	0.95	1	1	13.588414
HS15_str_opr	BOBJ1	47.01	Before	Left Exterior Girder	47.01	0.95	1	1	13.33678
HS15_str_opr	BOBJ1	47.01	Before	Interior Girder 1	47.01	0.95	1	1	11.741788
HS15_str_opr	BOBJ1	47.01	Before	Interior Girder 2	47.01	0.95	1	1	10.578148
HS15_str_opr	BOBJ1	47.01	Before	Interior Girder 3	47.01	0.95	1	1	9.853096
HS15_str_opr	BOBJ1	47.01	Before	Interior Girder 4	47.01	0.95	1	1	9.853096
HS15_str_opr	BOBJ1	47.01	Before	Interior Girder 5	47.01	0.95	1	1	10.578148
HS15_str_opr	BOBJ1	47.01	Before	Interior Girder 6	47.01	0.95	1	1	11.741788
HS15_str_opr	BOBJ1	47.01	Before	Right Exterior Girder	47.01	0.95	1	1	13.33678
HS15_str_opr	BOBJ1	47.01	After	Left Exterior Girder	47.01	0.95	1	1	10.87363
HS15_str_opr	BOBJ1	47.01	After	Interior Girder 1	47.01	0.95	1	1	8.214775
HS15_str_opr	BOBJ1	47.01	After	Interior Girder 2	47.01	0.95	1	1	7.345826
HS15_str_opr	BOBJ1	47.01	After	Interior Girder 3	47.01	0.95	1	1	6.262615
HS15_str_opr	BOBJ1	47.01	After	Interior Girder 4	47.01	0.95	1	1	6.262615
HS15_str_opr	BOBJ1	47.01	After	Interior Girder 5	47.01	0.95	1	1	7.345826
HS15_str_opr	BOBJ1	47.01	After	Interior Girder 6	47.01	0.95	1	1	8.214775
HS15_str_opr	BOBJ1	47.01	After	Right Exterior Girder	47.01	0.95	1	1	10.87363
HS15_str_opr	BOBJ1	49.42	Before	Left Exterior Girder	49.42	0.95	1	1	10.819039
HS15_str_opr	BOBJ1	49.42	Before	Right Exterior Girder	49.42	0.95	1	1	10.819039
HS15_str_opr	BOBJ1	49.42	After	Left Exterior Girder	49.42	0.95	1	1	9.474959
HS15_str_opr	BOBJ1	49.42	After	Right Exterior Girder	49.42	0.95	1	1	9.474959
HS15_str_opr	BOBJ1	51.92	Before	Interior Girder 1	51.92	0.95	1	1	7.64678
HS15_str_opr	BOBJ1	51.92	Before	Interior Girder 2	51.92	0.95	1	1	7.24378
HS15_str_opr	BOBJ1	51.92	Before	Interior Girder 3	51.92	0.95	1	1	6.174082
HS15_str_opr	BOBJ1	51.92	Before	Interior Girder 4	51.92	0.95	1	1	6.174082
HS15_str_opr	BOBJ1	51.92	Before	Interior Girder 5	51.92	0.95	1	1	7.24378
HS15_str_opr	BOBJ1	51.92	Before	Interior Girder 6	51.92	0.95	1	1	7.64678
HS15_str_opr	BOBJ1	51.92	After	Interior Girder 1	51.92	0.95	1	1	6.712288
HS15_str_opr	BOBJ1	51.92	After	Interior Girder 2	51.92	0.95	1	1	6.237573
HS15_str_opr	BOBJ1	51.92	After	Interior Girder 3	51.92	0.95	1	1	5.039935
HS15_str_opr	BOBJ1	51.92	After	Interior Girder 4	51.92	0.95	1	1	5.039935
HS15_str_opr	BOBJ1	51.92	After	Interior Girder 5	51.92	0.95	1	1	6.237573
HS15_str_opr	BOBJ1	51.92	After	Interior Girder 6	51.92	0.95	1	1	6.712288
HS15_str_opr	BOBJ1	56.42	Before	Left Exterior Girder	56.42	0.95	1	1	11.220052
HS15_str_opr	BOBJ1	56.42	Before	Interior Girder 1	56.42	0.95	1	1	6.622494
HS15_str_opr	BOBJ1	56.42	Before	Interior Girder 2	56.42	0.95	1	1	6.154941
HS15_str_opr	BOBJ1	56.42	Before	Interior Girder 3	56.42	0.95	1	1	4.971638
HS15_str_opr	BOBJ1	56.42	Before	Interior Girder 4	56.42	0.95	1	1	4.971638
HS15_str_opr	BOBJ1	56.42	Before	Interior Girder 5	56.42	0.95	1	1	6.154941
HS15_str_opr	BOBJ1	56.42	Before	Interior Girder 6	56.42	0.95	1	1	6.622494

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Approach, Span 7-11									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
HS15_str_opr	BOBJ1	56.42	Before	Right Exterior Girder	56.42	0.95	1	1	11.220052
HS15_str_opr	BOBJ1	56.42	After	Left Exterior Girder	0	0.95	1	1	10.772486
HS15_str_opr	BOBJ1	56.42	After	Interior Girder 1	0	0.95	1	1	6.722962
HS15_str_opr	BOBJ1	56.42	After	Interior Girder 2	0	0.95	1	1	6.265225
HS15_str_opr	BOBJ1	56.42	After	Interior Girder 3	0	0.95	1	1	5.060985
HS15_str_opr	BOBJ1	56.42	After	Interior Girder 4	0	0.95	1	1	5.060985
HS15_str_opr	BOBJ1	56.42	After	Interior Girder 5	0	0.95	1	1	6.265225
HS15_str_opr	BOBJ1	56.42	After	Interior Girder 6	0	0.95	1	1	6.722962
HS15_str_opr	BOBJ1	56.42	After	Right Exterior Girder	0	0.95	1	1	10.772486
HS15_str_opr	BOBJ1	60.92	Before	Interior Girder 1	4.5	0.95	1	1	6.813537
HS15_str_opr	BOBJ1	60.92	Before	Interior Girder 2	4.5	0.95	1	1	6.348795
HS15_str_opr	BOBJ1	60.92	Before	Interior Girder 3	4.5	0.95	1	1	5.1302
HS15_str_opr	BOBJ1	60.92	Before	Interior Girder 4	4.5	0.95	1	1	5.1302
HS15_str_opr	BOBJ1	60.92	Before	Interior Girder 5	4.5	0.95	1	1	6.348795
HS15_str_opr	BOBJ1	60.92	Before	Interior Girder 6	4.5	0.95	1	1	6.813537
HS15_str_opr	BOBJ1	60.92	After	Interior Girder 1	4.5	0.95	1	1	7.480085
HS15_str_opr	BOBJ1	60.92	After	Interior Girder 2	4.5	0.95	1	1	7.148138
HS15_str_opr	BOBJ1	60.92	After	Interior Girder 3	4.5	0.95	1	1	6.072381
HS15_str_opr	BOBJ1	60.92	After	Interior Girder 4	4.5	0.95	1	1	6.072381
HS15_str_opr	BOBJ1	60.92	After	Interior Girder 5	4.5	0.95	1	1	7.148138
HS15_str_opr	BOBJ1	60.92	After	Interior Girder 6	4.5	0.95	1	1	7.480085
HS15_str_opr	BOBJ1	63.42	Before	Left Exterior Girder	7	0.95	1	1	8.836121
HS15_str_opr	BOBJ1	63.42	Before	Right Exterior Girder	7	0.95	1	1	8.836121
HS15_str_opr	BOBJ1	63.42	After	Left Exterior Girder	7	0.95	1	1	9.680668
HS15_str_opr	BOBJ1	63.42	After	Right Exterior Girder	7	0.95	1	1	9.680668
HS15_str_opr	BOBJ1	64.845	Before	Left Exterior Girder	8.425	0.95	1	1	9.709486
HS15_str_opr	BOBJ1	64.845	Before	Interior Girder 1	8.425	0.95	1	1	8.250363
HS15_str_opr	BOBJ1	64.845	Before	Interior Girder 2	8.425	0.95	1	1	7.228146
HS15_str_opr	BOBJ1	64.845	Before	Interior Girder 3	8.425	0.95	1	1	6.141738
HS15_str_opr	BOBJ1	64.845	Before	Interior Girder 4	8.425	0.95	1	1	6.141738
HS15_str_opr	BOBJ1	64.845	Before	Interior Girder 5	8.425	0.95	1	1	7.228146
HS15_str_opr	BOBJ1	64.845	Before	Interior Girder 6	8.425	0.95	1	1	8.250363
HS15_str_opr	BOBJ1	64.845	Before	Right Exterior Girder	8.425	0.95	1	1	9.709486
HS15_str_opr	BOBJ1	64.845	After	Left Exterior Girder	8.425	0.95	1	1	11.669749
HS15_str_opr	BOBJ1	64.845	After	Interior Girder 1	8.425	0.95	1	1	9.410169
HS15_str_opr	BOBJ1	64.845	After	Interior Girder 2	8.425	0.95	1	1	8.701839
HS15_str_opr	BOBJ1	64.845	After	Interior Girder 3	8.425	0.95	1	1	7.825083
HS15_str_opr	BOBJ1	64.845	After	Interior Girder 4	8.425	0.95	1	1	7.825083
HS15_str_opr	BOBJ1	64.845	After	Interior Girder 5	8.425	0.95	1	1	8.701839
HS15_str_opr	BOBJ1	64.845	After	Interior Girder 6	8.425	0.95	1	1	9.410169
HS15_str_opr	BOBJ1	64.845	After	Right Exterior Girder	8.425	0.95	1	1	11.669749
HS15_str_opr	BOBJ1	69.92	Before	Left Exterior Girder	13.5	0.95	1	1	11.78929
HS15_str_opr	BOBJ1	69.92	Before	Interior Girder 1	13.5	0.95	1	1	9.545766
HS15_str_opr	BOBJ1	69.92	Before	Interior Girder 2	13.5	0.95	1	1	8.825964
HS15_str_opr	BOBJ1	69.92	Before	Interior Girder 3	13.5	0.95	1	1	7.938631
HS15_str_opr	BOBJ1	69.92	Before	Interior Girder 4	13.5	0.95	1	1	7.938631
HS15_str_opr	BOBJ1	69.92	Before	Interior Girder 5	13.5	0.95	1	1	8.825964
HS15_str_opr	BOBJ1	69.92	Before	Interior Girder 6	13.5	0.95	1	1	9.545766
HS15_str_opr	BOBJ1	69.92	Before	Right Exterior Girder	13.5	0.95	1	1	11.78929
HS15_str_opr	BOBJ1	69.92	After	Left Exterior Girder	13.5	0.95	1	1	11.182084
HS15_str_opr	BOBJ1	69.92	After	Interior Girder 1	13.5	0.95	1	1	10.345943
HS15_str_opr	BOBJ1	69.92	After	Interior Girder 2	13.5	0.95	1	1	9.504378
HS15_str_opr	BOBJ1	69.92	After	Interior Girder 3	13.5	0.95	1	1	8.728506
HS15_str_opr	BOBJ1	69.92	After	Interior Girder 4	13.5	0.95	1	1	8.728506
HS15_str_opr	BOBJ1	69.92	After	Interior Girder 5	13.5	0.95	1	1	9.504378
HS15_str_opr	BOBJ1	69.92	After	Interior Girder 6	13.5	0.95	1	1	10.345943
HS15_str_opr	BOBJ1	69.92	After	Right Exterior Girder	13.5	0.95	1	1	11.182084
HS15_str_opr	BOBJ1	73.27	Before	Left Exterior Girder	16.85	0.95	1	1	11.262357
HS15_str_opr	BOBJ1	73.27	Before	Interior Girder 1	16.85	0.95	1	1	10.446262
HS15_str_opr	BOBJ1	73.27	Before	Interior Girder 2	16.85	0.95	1	1	9.595544
HS15_str_opr	BOBJ1	73.27	Before	Interior Girder 3	16.85	0.95	1	1	8.813594
HS15_str_opr	BOBJ1	73.27	Before	Interior Girder 4	16.85	0.95	1	1	8.813594
HS15_str_opr	BOBJ1	73.27	Before	Interior Girder 5	16.85	0.95	1	1	9.595544
HS15_str_opr	BOBJ1	73.27	Before	Interior Girder 6	16.85	0.95	1	1	10.446262
HS15_str_opr	BOBJ1	73.27	Before	Right Exterior Girder	16.85	0.95	1	1	11.262357

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Approach, Span 7-11									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
HS15_str_opr	BOBJ1	73.27	After	Left Exterior Girder	16.85	0.95	1	1	17.611739
HS15_str_opr	BOBJ1	73.27	After	Interior Girder 1	16.85	0.95	1	1	11.575764
HS15_str_opr	BOBJ1	73.27	After	Interior Girder 2	16.85	0.95	1	1	10.825779
HS15_str_opr	BOBJ1	73.27	After	Interior Girder 3	16.85	0.95	1	1	9.714812
HS15_str_opr	BOBJ1	73.27	After	Interior Girder 4	16.85	0.95	1	1	9.714812
HS15_str_opr	BOBJ1	73.27	After	Interior Girder 5	16.85	0.95	1	1	10.825779
HS15_str_opr	BOBJ1	73.27	After	Interior Girder 6	16.85	0.95	1	1	11.575764
HS15_str_opr	BOBJ1	73.27	After	Right Exterior Girder	16.85	0.95	1	1	17.611739
HS15_str_opr	BOBJ1	81.695	Before	Left Exterior Girder	25.275	0.95	1	1	17.919059
HS15_str_opr	BOBJ1	81.695	Before	Interior Girder 1	25.275	0.95	1	1	11.853375
HS15_str_opr	BOBJ1	81.695	Before	Interior Girder 2	25.275	0.95	1	1	11.084757
HS15_str_opr	BOBJ1	81.695	Before	Interior Girder 3	25.275	0.95	1	1	9.947052
HS15_str_opr	BOBJ1	81.695	Before	Interior Girder 4	25.275	0.95	1	1	9.947052
HS15_str_opr	BOBJ1	81.695	Before	Interior Girder 5	25.275	0.95	1	1	11.084757
HS15_str_opr	BOBJ1	81.695	Before	Interior Girder 6	25.275	0.95	1	1	11.853375
HS15_str_opr	BOBJ1	81.695	Before	Right Exterior Girder	25.275	0.95	1	1	17.919059
HS15_str_opr	BOBJ1	81.695	After	Left Exterior Girder	25.275	0.95	1	1	23.23939
HS15_str_opr	BOBJ1	81.695	After	Interior Girder 1	25.275	0.95	1	1	18.716542
HS15_str_opr	BOBJ1	81.695	After	Interior Girder 2	25.275	0.95	1	1	16.994491
HS15_str_opr	BOBJ1	81.695	After	Interior Girder 3	25.275	0.95	1	1	15.371846
HS15_str_opr	BOBJ1	81.695	After	Interior Girder 4	25.275	0.95	1	1	15.371846
HS15_str_opr	BOBJ1	81.695	After	Interior Girder 5	25.275	0.95	1	1	16.994491
HS15_str_opr	BOBJ1	81.695	After	Interior Girder 6	25.275	0.95	1	1	18.716542
HS15_str_opr	BOBJ1	81.695	After	Right Exterior Girder	25.275	0.95	1	1	23.23939
HS15_str_opr	BOBJ1	90.12	Before	Left Exterior Girder	33.7	0.95	1	1	23.624922
HS15_str_opr	BOBJ1	90.12	Before	Interior Girder 1	33.7	0.95	1	1	19.151916
HS15_str_opr	BOBJ1	90.12	Before	Interior Girder 2	33.7	0.95	1	1	17.387946
HS15_str_opr	BOBJ1	90.12	Before	Interior Girder 3	33.7	0.95	1	1	15.035035
HS15_str_opr	BOBJ1	90.12	Before	Interior Girder 4	33.7	0.95	1	1	15.035035
HS15_str_opr	BOBJ1	90.12	Before	Interior Girder 5	33.7	0.95	1	1	17.387946
HS15_str_opr	BOBJ1	90.12	Before	Interior Girder 6	33.7	0.95	1	1	19.151916
HS15_str_opr	BOBJ1	90.12	Before	Right Exterior Girder	33.7	0.95	1	1	23.624922
HS15_str_opr	BOBJ1	90.12	After	Left Exterior Girder	33.7	0.95	1	1	24.794052
HS15_str_opr	BOBJ1	90.12	After	Interior Girder 1	33.7	0.95	1	1	19.597321
HS15_str_opr	BOBJ1	90.12	After	Interior Girder 2	33.7	0.95	1	1	17.506787
HS15_str_opr	BOBJ1	90.12	After	Interior Girder 3	33.7	0.95	1	1	14.826491
HS15_str_opr	BOBJ1	90.12	After	Interior Girder 4	33.7	0.95	1	1	14.826491
HS15_str_opr	BOBJ1	90.12	After	Interior Girder 5	33.7	0.95	1	1	17.506787
HS15_str_opr	BOBJ1	90.12	After	Interior Girder 6	33.7	0.95	1	1	19.597321
HS15_str_opr	BOBJ1	90.12	After	Right Exterior Girder	33.7	0.95	1	1	24.794052
HS15_str_opr	BOBJ1	98.545	Before	Left Exterior Girder	42.125	0.95	1	1	24.390697
HS15_str_opr	BOBJ1	98.545	Before	Interior Girder 1	42.125	0.95	1	1	19.152444
HS15_str_opr	BOBJ1	98.545	Before	Interior Girder 2	42.125	0.95	1	1	17.270479
HS15_str_opr	BOBJ1	98.545	Before	Interior Girder 3	42.125	0.95	1	1	15.158852
HS15_str_opr	BOBJ1	98.545	Before	Interior Girder 4	42.125	0.95	1	1	15.158852
HS15_str_opr	BOBJ1	98.545	Before	Interior Girder 5	42.125	0.95	1	1	17.270479
HS15_str_opr	BOBJ1	98.545	Before	Interior Girder 6	42.125	0.95	1	1	19.152444
HS15_str_opr	BOBJ1	98.545	Before	Right Exterior Girder	42.125	0.95	1	1	24.390697
HS15_str_opr	BOBJ1	98.545	After	Left Exterior Girder	42.125	0.95	1	1	18.550897
HS15_str_opr	BOBJ1	98.545	After	Interior Girder 1	42.125	0.95	1	1	12.062852
HS15_str_opr	BOBJ1	98.545	After	Interior Girder 2	42.125	0.95	1	1	11.226576
HS15_str_opr	BOBJ1	98.545	After	Interior Girder 3	42.125	0.95	1	1	10.031027
HS15_str_opr	BOBJ1	98.545	After	Interior Girder 4	42.125	0.95	1	1	10.031027
HS15_str_opr	BOBJ1	98.545	After	Interior Girder 5	42.125	0.95	1	1	11.226576
HS15_str_opr	BOBJ1	98.545	After	Interior Girder 6	42.125	0.95	1	1	12.062852
HS15_str_opr	BOBJ1	98.545	After	Right Exterior Girder	42.125	0.95	1	1	18.550897
HS15_str_opr	BOBJ1	106.97	Before	Left Exterior Girder	50.55	0.95	1	1	18.233801
HS15_str_opr	BOBJ1	106.97	Before	Interior Girder 1	50.55	0.95	1	1	11.780715
HS15_str_opr	BOBJ1	106.97	Before	Interior Girder 2	50.55	0.95	1	1	10.964477
HS15_str_opr	BOBJ1	106.97	Before	Interior Girder 3	50.55	0.95	1	1	9.797
HS15_str_opr	BOBJ1	106.97	Before	Interior Girder 4	50.55	0.95	1	1	9.797
HS15_str_opr	BOBJ1	106.97	Before	Interior Girder 5	50.55	0.95	1	1	10.964477
HS15_str_opr	BOBJ1	106.97	Before	Interior Girder 6	50.55	0.95	1	1	11.780715
HS15_str_opr	BOBJ1	106.97	Before	Right Exterior Girder	50.55	0.95	1	1	18.233801
HS15_str_opr	BOBJ1	106.97	After	Left Exterior Girder	50.55	0.95	1	1	11.346614

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Approach, Span 7-11									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
HS15_str_opr	BOBJ1	106.97	After	Interior Girder 1	50.55	0.95	1	1	10.663616
HS15_str_opr	BOBJ1	106.97	After	Interior Girder 2	50.55	0.95	1	1	9.836005
HS15_str_opr	BOBJ1	106.97	After	Interior Girder 3	50.55	0.95	1	1	9.103207
HS15_str_opr	BOBJ1	106.97	After	Interior Girder 4	50.55	0.95	1	1	9.103207
HS15_str_opr	BOBJ1	106.97	After	Interior Girder 5	50.55	0.95	1	1	9.836005
HS15_str_opr	BOBJ1	106.97	After	Interior Girder 6	50.55	0.95	1	1	10.663616
HS15_str_opr	BOBJ1	106.97	After	Right Exterior Girder	50.55	0.95	1	1	11.346614
HS15_str_opr	BOBJ1	115.405	Before	Left Exterior Girder	58.985	0.95	1	1	11.141891
HS15_str_opr	BOBJ1	115.405	Before	Interior Girder 1	58.985	0.95	1	1	10.40505
HS15_str_opr	BOBJ1	115.405	Before	Interior Girder 2	58.985	0.95	1	1	9.600219
HS15_str_opr	BOBJ1	115.405	Before	Interior Girder 3	58.985	0.95	1	1	8.881523
HS15_str_opr	BOBJ1	115.405	Before	Interior Girder 4	58.985	0.95	1	1	8.881523
HS15_str_opr	BOBJ1	115.405	Before	Interior Girder 5	58.985	0.95	1	1	9.600219
HS15_str_opr	BOBJ1	115.405	Before	Interior Girder 6	58.985	0.95	1	1	10.40505
HS15_str_opr	BOBJ1	115.405	Before	Right Exterior Girder	58.985	0.95	1	1	11.141891
HS15_str_opr	BOBJ1	115.405	After	Left Exterior Girder	58.985	0.95	1	1	7.347367
HS15_str_opr	BOBJ1	115.405	After	Interior Girder 1	58.985	0.95	1	1	8.992217
HS15_str_opr	BOBJ1	115.405	After	Interior Girder 2	58.985	0.95	1	1	6.931309
HS15_str_opr	BOBJ1	115.405	After	Interior Girder 3	58.985	0.95	1	1	5.873446
HS15_str_opr	BOBJ1	115.405	After	Interior Girder 4	58.985	0.95	1	1	5.873446
HS15_str_opr	BOBJ1	115.405	After	Interior Girder 5	58.985	0.95	1	1	6.931309
HS15_str_opr	BOBJ1	115.405	After	Interior Girder 6	58.985	0.95	1	1	8.992217
HS15_str_opr	BOBJ1	115.405	After	Right Exterior Girder	58.985	0.95	1	1	7.347367
HS15_str_opr	BOBJ1	116.34	Before	Left Exterior Girder	59.92	0.95	1	1	7.331259
HS15_str_opr	BOBJ1	116.34	Before	Right Exterior Girder	59.92	0.95	1	1	7.331259
HS15_str_opr	BOBJ1	116.34	After	Left Exterior Girder	59.92	0.95	1	1	6.630858
HS15_str_opr	BOBJ1	116.34	After	Right Exterior Girder	59.92	0.95	1	1	6.630858
HS15_str_opr	BOBJ1	118.84	Before	Interior Girder 1	62.42	0.95	1	1	7.187195
HS15_str_opr	BOBJ1	118.84	Before	Interior Girder 2	62.42	0.95	1	1	6.861682
HS15_str_opr	BOBJ1	118.84	Before	Interior Girder 3	62.42	0.95	1	1	5.813231
HS15_str_opr	BOBJ1	118.84	Before	Interior Girder 4	62.42	0.95	1	1	5.813231
HS15_str_opr	BOBJ1	118.84	Before	Interior Girder 5	62.42	0.95	1	1	6.861682
HS15_str_opr	BOBJ1	118.84	Before	Interior Girder 6	62.42	0.95	1	1	7.187195
HS15_str_opr	BOBJ1	118.84	After	Interior Girder 1	62.42	0.95	1	1	6.600606
HS15_str_opr	BOBJ1	118.84	After	Interior Girder 2	62.42	0.95	1	1	6.14194
HS15_str_opr	BOBJ1	118.84	After	Interior Girder 3	62.42	0.95	1	1	4.991437
HS15_str_opr	BOBJ1	118.84	After	Interior Girder 4	62.42	0.95	1	1	4.991437
HS15_str_opr	BOBJ1	118.84	After	Interior Girder 5	62.42	0.95	1	1	6.14194
HS15_str_opr	BOBJ1	118.84	After	Interior Girder 6	62.42	0.95	1	1	6.600606
HS15_str_opr	BOBJ1	123.84	Before	Left Exterior Girder	67.42	0.95	1	1	9.635236
HS15_str_opr	BOBJ1	123.84	Before	Interior Girder 1	67.42	0.95	1	1	6.497314
HS15_str_opr	BOBJ1	123.84	Before	Interior Girder 2	67.42	0.95	1	1	6.046884
HS15_str_opr	BOBJ1	123.84	Before	Interior Girder 3	67.42	0.95	1	1	4.912251
HS15_str_opr	BOBJ1	123.84	Before	Interior Girder 4	67.42	0.95	1	1	4.912251
HS15_str_opr	BOBJ1	123.84	Before	Interior Girder 5	67.42	0.95	1	1	6.046884
HS15_str_opr	BOBJ1	123.84	Before	Interior Girder 6	67.42	0.95	1	1	6.497314
HS15_str_opr	BOBJ1	123.84	Before	Right Exterior Girder	67.42	0.95	1	1	9.635236
HS15_str_opr	BOBJ1	123.84	After	Left Exterior Girder	0	0.95	1	1	9.540601
HS15_str_opr	BOBJ1	123.84	After	Interior Girder 1	0	0.95	1	1	6.477179
HS15_str_opr	BOBJ1	123.84	After	Interior Girder 2	0	0.95	1	1	6.033197
HS15_str_opr	BOBJ1	123.84	After	Interior Girder 3	0	0.95	1	1	4.90509
HS15_str_opr	BOBJ1	123.84	After	Interior Girder 4	0	0.95	1	1	4.90509
HS15_str_opr	BOBJ1	123.84	After	Interior Girder 5	0	0.95	1	1	6.033197
HS15_str_opr	BOBJ1	123.84	After	Interior Girder 6	0	0.95	1	1	6.477179
HS15_str_opr	BOBJ1	123.84	After	Right Exterior Girder	0	0.95	1	1	9.540601
HS15_str_opr	BOBJ1	128.84	Before	Interior Girder 1	5	0.95	1	1	6.580244
HS15_str_opr	BOBJ1	128.84	Before	Interior Girder 2	5	0.95	1	1	6.128099
HS15_str_opr	BOBJ1	128.84	Before	Interior Girder 3	5	0.95	1	1	4.984207
HS15_str_opr	BOBJ1	128.84	Before	Interior Girder 4	5	0.95	1	1	4.984207
HS15_str_opr	BOBJ1	128.84	Before	Interior Girder 5	5	0.95	1	1	6.128099
HS15_str_opr	BOBJ1	128.84	Before	Interior Girder 6	5	0.95	1	1	6.580244
HS15_str_opr	BOBJ1	128.84	After	Interior Girder 1	5	0.95	1	1	7.156772
HS15_str_opr	BOBJ1	128.84	After	Interior Girder 2	5	0.95	1	1	6.841321
HS15_str_opr	BOBJ1	128.84	After	Interior Girder 3	5	0.95	1	1	5.800803
HS15_str_opr	BOBJ1	128.84	After	Interior Girder 4	5	0.95	1	1	5.800803

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Approach, Span 7-11									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
HS15_str_opr	BOBJ1	128.84	After	Interior Girder 5	5	0.95	1	1	6.841321
HS15_str_opr	BOBJ1	128.84	After	Interior Girder 6	5	0.95	1	1	7.156772
HS15_str_opr	BOBJ1	131.34	Before	Left Exterior Girder	7.5	0.95	1	1	6.565774
HS15_str_opr	BOBJ1	131.34	Before	Right Exterior Girder	7.5	0.95	1	1	6.565774
HS15_str_opr	BOBJ1	131.34	After	Left Exterior Girder	7.5	0.95	1	1	7.23683
HS15_str_opr	BOBJ1	131.34	After	Right Exterior Girder	7.5	0.95	1	1	7.23683
HS15_str_opr	BOBJ1	132.265	Before	Left Exterior Girder	8.425	0.95	1	1	7.252583
HS15_str_opr	BOBJ1	132.265	Before	Interior Girder 1	8.425	0.95	1	1	8.977088
HS15_str_opr	BOBJ1	132.265	Before	Interior Girder 2	8.425	0.95	1	1	6.910584
HS15_str_opr	BOBJ1	132.265	Before	Interior Girder 3	8.425	0.95	1	1	5.860748
HS15_str_opr	BOBJ1	132.265	Before	Interior Girder 4	8.425	0.95	1	1	5.860748
HS15_str_opr	BOBJ1	132.265	Before	Interior Girder 5	8.425	0.95	1	1	6.910584
HS15_str_opr	BOBJ1	132.265	Before	Interior Girder 6	8.425	0.95	1	1	8.977088
HS15_str_opr	BOBJ1	132.265	Before	Right Exterior Girder	8.425	0.95	1	1	7.252583
HS15_str_opr	BOBJ1	132.265	After	Left Exterior Girder	8.425	0.95	1	1	11.00604
HS15_str_opr	BOBJ1	132.265	After	Interior Girder 1	8.425	0.95	1	1	10.324109
HS15_str_opr	BOBJ1	132.265	After	Interior Girder 2	8.425	0.95	1	1	9.550961
HS15_str_opr	BOBJ1	132.265	After	Interior Girder 3	8.425	0.95	1	1	8.840697
HS15_str_opr	BOBJ1	132.265	After	Interior Girder 4	8.425	0.95	1	1	8.840697
HS15_str_opr	BOBJ1	132.265	After	Interior Girder 5	8.425	0.95	1	1	9.550961
HS15_str_opr	BOBJ1	132.265	After	Interior Girder 6	8.425	0.95	1	1	10.324109
HS15_str_opr	BOBJ1	132.265	After	Right Exterior Girder	8.425	0.95	1	1	11.00604
HS15_str_opr	BOBJ1	140.69	Before	Left Exterior Girder	16.85	0.95	1	1	11.208232
HS15_str_opr	BOBJ1	140.69	Before	Interior Girder 1	16.85	0.95	1	1	10.580596
HS15_str_opr	BOBJ1	140.69	Before	Interior Girder 2	16.85	0.95	1	1	9.785418
HS15_str_opr	BOBJ1	140.69	Before	Interior Girder 3	16.85	0.95	1	1	9.061229
HS15_str_opr	BOBJ1	140.69	Before	Interior Girder 4	16.85	0.95	1	1	9.061229
HS15_str_opr	BOBJ1	140.69	Before	Interior Girder 5	16.85	0.95	1	1	9.785418
HS15_str_opr	BOBJ1	140.69	Before	Interior Girder 6	16.85	0.95	1	1	10.580596
HS15_str_opr	BOBJ1	140.69	Before	Right Exterior Girder	16.85	0.95	1	1	11.208232
HS15_str_opr	BOBJ1	140.69	After	Left Exterior Girder	16.85	0.95	1	1	17.944542
HS15_str_opr	BOBJ1	140.69	After	Interior Girder 1	16.85	0.95	1	1	11.661055
HS15_str_opr	BOBJ1	140.69	After	Interior Girder 2	16.85	0.95	1	1	10.887058
HS15_str_opr	BOBJ1	140.69	After	Interior Girder 3	16.85	0.95	1	1	9.762253
HS15_str_opr	BOBJ1	140.69	After	Interior Girder 4	16.85	0.95	1	1	9.762253
HS15_str_opr	BOBJ1	140.69	After	Interior Girder 5	16.85	0.95	1	1	10.887058
HS15_str_opr	BOBJ1	140.69	After	Interior Girder 6	16.85	0.95	1	1	11.661055
HS15_str_opr	BOBJ1	140.69	After	Right Exterior Girder	16.85	0.95	1	1	17.944542
HS15_str_opr	BOBJ1	149.115	Before	Left Exterior Girder	25.275	0.95	1	1	18.256988
HS15_str_opr	BOBJ1	149.115	Before	Interior Girder 1	25.275	0.95	1	1	11.940609
HS15_str_opr	BOBJ1	149.115	Before	Interior Girder 2	25.275	0.95	1	1	11.147472
HS15_str_opr	BOBJ1	149.115	Before	Interior Girder 3	25.275	0.95	1	1	9.995533
HS15_str_opr	BOBJ1	149.115	Before	Interior Girder 4	25.275	0.95	1	1	9.995533
HS15_str_opr	BOBJ1	149.115	Before	Interior Girder 5	25.275	0.95	1	1	11.147472
HS15_str_opr	BOBJ1	149.115	Before	Interior Girder 6	25.275	0.95	1	1	11.940609
HS15_str_opr	BOBJ1	149.115	Before	Right Exterior Girder	25.275	0.95	1	1	18.256988
HS15_str_opr	BOBJ1	149.115	After	Left Exterior Girder	25.275	0.95	1	1	23.80264
HS15_str_opr	BOBJ1	149.115	After	Interior Girder 1	25.275	0.95	1	1	18.899087
HS15_str_opr	BOBJ1	149.115	After	Interior Girder 2	25.275	0.95	1	1	17.125175
HS15_str_opr	BOBJ1	149.115	After	Interior Girder 3	25.275	0.95	1	1	15.216132
HS15_str_opr	BOBJ1	149.115	After	Interior Girder 4	25.275	0.95	1	1	15.216132
HS15_str_opr	BOBJ1	149.115	After	Interior Girder 5	25.275	0.95	1	1	17.125175
HS15_str_opr	BOBJ1	149.115	After	Interior Girder 6	25.275	0.95	1	1	18.899087
HS15_str_opr	BOBJ1	149.115	After	Right Exterior Girder	25.275	0.95	1	1	23.80264
HS15_str_opr	BOBJ1	157.54	Before	Left Exterior Girder	33.7	0.95	1	1	24.196734
HS15_str_opr	BOBJ1	157.54	Before	Interior Girder 1	33.7	0.95	1	1	19.338513
HS15_str_opr	BOBJ1	157.54	Before	Interior Girder 2	33.7	0.95	1	1	17.521597
HS15_str_opr	BOBJ1	157.54	Before	Interior Girder 3	33.7	0.95	1	1	14.882617
HS15_str_opr	BOBJ1	157.54	Before	Interior Girder 4	33.7	0.95	1	1	14.882617
HS15_str_opr	BOBJ1	157.54	Before	Interior Girder 5	33.7	0.95	1	1	17.521597
HS15_str_opr	BOBJ1	157.54	Before	Interior Girder 6	33.7	0.95	1	1	19.338513
HS15_str_opr	BOBJ1	157.54	Before	Right Exterior Girder	33.7	0.95	1	1	24.196734
HS15_str_opr	BOBJ1	157.54	After	Left Exterior Girder	33.7	0.95	1	1	24.233833
HS15_str_opr	BOBJ1	157.54	After	Interior Girder 1	33.7	0.95	1	1	19.352334
HS15_str_opr	BOBJ1	157.54	After	Interior Girder 2	33.7	0.95	1	1	17.533546

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Approach, Span 7-11									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
HS15_str_opr	BOBJ1	157.54	After	Interior Girder 3	33.7	0.95	1	1	14.873809
HS15_str_opr	BOBJ1	157.54	After	Interior Girder 4	33.7	0.95	1	1	14.873809
HS15_str_opr	BOBJ1	157.54	After	Interior Girder 5	33.7	0.95	1	1	17.533546
HS15_str_opr	BOBJ1	157.54	After	Interior Girder 6	33.7	0.95	1	1	19.352334
HS15_str_opr	BOBJ1	157.54	After	Right Exterior Girder	33.7	0.95	1	1	24.233833
HS15_str_opr	BOBJ1	165.965	Before	Left Exterior Girder	42.125	0.95	1	1	23.839163
HS15_str_opr	BOBJ1	165.965	Before	Interior Girder 1	42.125	0.95	1	1	18.912603
HS15_str_opr	BOBJ1	165.965	Before	Interior Girder 2	42.125	0.95	1	1	17.136864
HS15_str_opr	BOBJ1	165.965	Before	Interior Girder 3	42.125	0.95	1	1	15.207141
HS15_str_opr	BOBJ1	165.965	Before	Interior Girder 4	42.125	0.95	1	1	15.207141
HS15_str_opr	BOBJ1	165.965	Before	Interior Girder 5	42.125	0.95	1	1	17.136864
HS15_str_opr	BOBJ1	165.965	Before	Interior Girder 6	42.125	0.95	1	1	18.912603
HS15_str_opr	BOBJ1	165.965	Before	Right Exterior Girder	42.125	0.95	1	1	23.839163
HS15_str_opr	BOBJ1	165.965	After	Left Exterior Girder	42.125	0.95	1	1	18.277356
HS15_str_opr	BOBJ1	165.965	After	Interior Girder 1	42.125	0.95	1	1	11.946264
HS15_str_opr	BOBJ1	165.965	After	Interior Girder 2	42.125	0.95	1	1	11.152613
HS15_str_opr	BOBJ1	165.965	After	Interior Girder 3	42.125	0.95	1	1	10.000045
HS15_str_opr	BOBJ1	165.965	After	Interior Girder 4	42.125	0.95	1	1	10.000045
HS15_str_opr	BOBJ1	165.965	After	Interior Girder 5	42.125	0.95	1	1	11.152613
HS15_str_opr	BOBJ1	165.965	After	Interior Girder 6	42.125	0.95	1	1	11.946264
HS15_str_opr	BOBJ1	165.965	After	Right Exterior Girder	42.125	0.95	1	1	18.277356
HS15_str_opr	BOBJ1	174.39	Before	Left Exterior Girder	50.55	0.95	1	1	17.964587
HS15_str_opr	BOBJ1	174.39	Before	Interior Girder 1	50.55	0.95	1	1	11.666583
HS15_str_opr	BOBJ1	174.39	Before	Interior Girder 2	50.55	0.95	1	1	10.892083
HS15_str_opr	BOBJ1	174.39	Before	Interior Girder 3	50.55	0.95	1	1	9.766672
HS15_str_opr	BOBJ1	174.39	Before	Interior Girder 4	50.55	0.95	1	1	9.766672
HS15_str_opr	BOBJ1	174.39	Before	Interior Girder 5	50.55	0.95	1	1	10.892083
HS15_str_opr	BOBJ1	174.39	Before	Interior Girder 6	50.55	0.95	1	1	11.666583
HS15_str_opr	BOBJ1	174.39	Before	Right Exterior Girder	50.55	0.95	1	1	17.964587
HS15_str_opr	BOBJ1	174.39	After	Left Exterior Girder	50.55	0.95	1	1	11.218182
HS15_str_opr	BOBJ1	174.39	After	Interior Girder 1	50.55	0.95	1	1	10.585197
HS15_str_opr	BOBJ1	174.39	After	Interior Girder 2	50.55	0.95	1	1	9.787635
HS15_str_opr	BOBJ1	174.39	After	Interior Girder 3	50.55	0.95	1	1	9.069929
HS15_str_opr	BOBJ1	174.39	After	Interior Girder 4	50.55	0.95	1	1	9.069929
HS15_str_opr	BOBJ1	174.39	After	Interior Girder 5	50.55	0.95	1	1	9.787635
HS15_str_opr	BOBJ1	174.39	After	Interior Girder 6	50.55	0.95	1	1	10.585197
HS15_str_opr	BOBJ1	174.39	After	Right Exterior Girder	50.55	0.95	1	1	11.218182
HS15_str_opr	BOBJ1	182.825	Before	Left Exterior Girder	58.985	0.95	1	1	11.015595
HS15_str_opr	BOBJ1	182.825	Before	Interior Girder 1	58.985	0.95	1	1	10.328282
HS15_str_opr	BOBJ1	182.825	Before	Interior Girder 2	58.985	0.95	1	1	9.552835
HS15_str_opr	BOBJ1	182.825	Before	Interior Girder 3	58.985	0.95	1	1	8.848949
HS15_str_opr	BOBJ1	182.825	Before	Interior Girder 4	58.985	0.95	1	1	8.848949
HS15_str_opr	BOBJ1	182.825	Before	Interior Girder 5	58.985	0.95	1	1	9.552835
HS15_str_opr	BOBJ1	182.825	Before	Interior Girder 6	58.985	0.95	1	1	10.328282
HS15_str_opr	BOBJ1	182.825	Before	Right Exterior Girder	58.985	0.95	1	1	11.015595
HS15_str_opr	BOBJ1	182.825	After	Left Exterior Girder	58.985	0.95	1	1	7.281239
HS15_str_opr	BOBJ1	182.825	After	Interior Girder 1	58.985	0.95	1	1	8.955897
HS15_str_opr	BOBJ1	182.825	After	Interior Girder 2	58.985	0.95	1	1	6.908698
HS15_str_opr	BOBJ1	182.825	After	Interior Girder 3	58.985	0.95	1	1	5.862967
HS15_str_opr	BOBJ1	182.825	After	Interior Girder 4	58.985	0.95	1	1	5.862967
HS15_str_opr	BOBJ1	182.825	After	Interior Girder 5	58.985	0.95	1	1	6.908698
HS15_str_opr	BOBJ1	182.825	After	Interior Girder 6	58.985	0.95	1	1	8.955897
HS15_str_opr	BOBJ1	182.825	After	Right Exterior Girder	58.985	0.95	1	1	7.281239
HS15_str_opr	BOBJ1	183.76	Before	Left Exterior Girder	59.92	0.95	1	1	7.265262
HS15_str_opr	BOBJ1	183.76	Before	Right Exterior Girder	59.92	0.95	1	1	7.265262
HS15_str_opr	BOBJ1	183.76	After	Left Exterior Girder	59.92	0.95	1	1	6.585439
HS15_str_opr	BOBJ1	183.76	After	Right Exterior Girder	59.92	0.95	1	1	6.585439
HS15_str_opr	BOBJ1	186.26	Before	Interior Girder 1	62.42	0.95	1	1	7.156286
HS15_str_opr	BOBJ1	186.26	Before	Interior Girder 2	62.42	0.95	1	1	6.839244
HS15_str_opr	BOBJ1	186.26	Before	Interior Girder 3	62.42	0.95	1	1	5.802829
HS15_str_opr	BOBJ1	186.26	Before	Interior Girder 4	62.42	0.95	1	1	5.802829
HS15_str_opr	BOBJ1	186.26	Before	Interior Girder 5	62.42	0.95	1	1	6.839244
HS15_str_opr	BOBJ1	186.26	Before	Interior Girder 6	62.42	0.95	1	1	7.156286
HS15_str_opr	BOBJ1	186.26	After	Interior Girder 1	62.42	0.95	1	1	6.577204
HS15_str_opr	BOBJ1	186.26	After	Interior Girder 2	62.42	0.95	1	1	6.124891

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Approach, Span 7-11									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
HS15_str_opr	BOBJ1	186.26	After	Interior Girder 3	62.42	0.95	1	1	4.984107
HS15_str_opr	BOBJ1	186.26	After	Interior Girder 4	62.42	0.95	1	1	4.984107
HS15_str_opr	BOBJ1	186.26	After	Interior Girder 5	62.42	0.95	1	1	6.124891
HS15_str_opr	BOBJ1	186.26	After	Interior Girder 6	62.42	0.95	1	1	6.577204
HS15_str_opr	BOBJ1	191.26	Before	Left Exterior Girder	67.42	0.95	1	1	9.545684
HS15_str_opr	BOBJ1	191.26	Before	Interior Girder 1	67.42	0.95	1	1	6.474174
HS15_str_opr	BOBJ1	191.26	Before	Interior Girder 2	67.42	0.95	1	1	6.030027
HS15_str_opr	BOBJ1	191.26	Before	Interior Girder 3	67.42	0.95	1	1	4.904996
HS15_str_opr	BOBJ1	191.26	Before	Interior Girder 4	67.42	0.95	1	1	4.904996
HS15_str_opr	BOBJ1	191.26	Before	Interior Girder 5	67.42	0.95	1	1	6.030027
HS15_str_opr	BOBJ1	191.26	Before	Interior Girder 6	67.42	0.95	1	1	6.474174
HS15_str_opr	BOBJ1	191.26	Before	Right Exterior Girder	67.42	0.95	1	1	9.545684
HS15_str_opr	BOBJ1	191.26	After	Left Exterior Girder	0	0.95	1	1	9.627271
HS15_str_opr	BOBJ1	191.26	After	Interior Girder 1	0	0.95	1	1	6.49921
HS15_str_opr	BOBJ1	191.26	After	Interior Girder 2	0	0.95	1	1	6.049321
HS15_str_opr	BOBJ1	191.26	After	Interior Girder 3	0	0.95	1	1	4.911785
HS15_str_opr	BOBJ1	191.26	After	Interior Girder 4	0	0.95	1	1	4.911785
HS15_str_opr	BOBJ1	191.26	After	Interior Girder 5	0	0.95	1	1	6.049321
HS15_str_opr	BOBJ1	191.26	After	Interior Girder 6	0	0.95	1	1	6.49921
HS15_str_opr	BOBJ1	191.26	After	Right Exterior Girder	0	0.95	1	1	9.627271
HS15_str_opr	BOBJ1	196.26	Before	Interior Girder 1	5	0.95	1	1	6.602537
HS15_str_opr	BOBJ1	196.26	Before	Interior Girder 2	5	0.95	1	1	6.144414
HS15_str_opr	BOBJ1	196.26	Before	Interior Girder 3	5	0.95	1	1	4.990977
HS15_str_opr	BOBJ1	196.26	Before	Interior Girder 4	5	0.95	1	1	4.990977
HS15_str_opr	BOBJ1	196.26	Before	Interior Girder 5	5	0.95	1	1	6.144414
HS15_str_opr	BOBJ1	196.26	Before	Interior Girder 6	5	0.95	1	1	6.602537
HS15_str_opr	BOBJ1	196.26	After	Interior Girder 1	5	0.95	1	1	7.186457
HS15_str_opr	BOBJ1	196.26	After	Interior Girder 2	5	0.95	1	1	6.86292
HS15_str_opr	BOBJ1	196.26	After	Interior Girder 3	5	0.95	1	1	5.810562
HS15_str_opr	BOBJ1	196.26	After	Interior Girder 4	5	0.95	1	1	5.810562
HS15_str_opr	BOBJ1	196.26	After	Interior Girder 5	5	0.95	1	1	6.86292
HS15_str_opr	BOBJ1	196.26	After	Interior Girder 6	5	0.95	1	1	7.186457
HS15_str_opr	BOBJ1	198.76	Before	Left Exterior Girder	7.5	0.95	1	1	6.608259
HS15_str_opr	BOBJ1	198.76	Before	Right Exterior Girder	7.5	0.95	1	1	6.608259
HS15_str_opr	BOBJ1	198.76	After	Left Exterior Girder	7.5	0.95	1	1	7.299437
HS15_str_opr	BOBJ1	198.76	After	Right Exterior Girder	7.5	0.95	1	1	7.299437
HS15_str_opr	BOBJ1	199.685	Before	Left Exterior Girder	8.425	0.95	1	1	7.315318
HS15_str_opr	BOBJ1	199.685	Before	Interior Girder 1	8.425	0.95	1	1	9.012949
HS15_str_opr	BOBJ1	199.685	Before	Interior Girder 2	8.425	0.95	1	1	6.932357
HS15_str_opr	BOBJ1	199.685	Before	Interior Girder 3	8.425	0.95	1	1	5.870583
HS15_str_opr	BOBJ1	199.685	Before	Interior Girder 4	8.425	0.95	1	1	5.870583
HS15_str_opr	BOBJ1	199.685	Before	Interior Girder 5	8.425	0.95	1	1	6.932357
HS15_str_opr	BOBJ1	199.685	Before	Interior Girder 6	8.425	0.95	1	1	9.012949
HS15_str_opr	BOBJ1	199.685	Before	Right Exterior Girder	8.425	0.95	1	1	7.315318
HS15_str_opr	BOBJ1	199.685	After	Left Exterior Girder	8.425	0.95	1	1	11.129223
HS15_str_opr	BOBJ1	199.685	After	Interior Girder 1	8.425	0.95	1	1	10.398967
HS15_str_opr	BOBJ1	199.685	After	Interior Girder 2	8.425	0.95	1	1	9.597096
HS15_str_opr	BOBJ1	199.685	After	Interior Girder 3	8.425	0.95	1	1	8.87226
HS15_str_opr	BOBJ1	199.685	After	Interior Girder 4	8.425	0.95	1	1	8.87226
HS15_str_opr	BOBJ1	199.685	After	Interior Girder 5	8.425	0.95	1	1	9.597096
HS15_str_opr	BOBJ1	199.685	After	Interior Girder 6	8.425	0.95	1	1	10.398967
HS15_str_opr	BOBJ1	199.685	After	Right Exterior Girder	8.425	0.95	1	1	11.129223
HS15_str_opr	BOBJ1	208.11	Before	Left Exterior Girder	16.85	0.95	1	1	11.333544
HS15_str_opr	BOBJ1	208.11	Before	Interior Girder 1	16.85	0.95	1	1	10.657099
HS15_str_opr	BOBJ1	208.11	Before	Interior Girder 2	16.85	0.95	1	1	9.832537
HS15_str_opr	BOBJ1	208.11	Before	Interior Girder 3	16.85	0.95	1	1	9.093494
HS15_str_opr	BOBJ1	208.11	Before	Interior Girder 4	16.85	0.95	1	1	9.093494
HS15_str_opr	BOBJ1	208.11	Before	Interior Girder 5	16.85	0.95	1	1	9.832537
HS15_str_opr	BOBJ1	208.11	Before	Interior Girder 6	16.85	0.95	1	1	10.657099
HS15_str_opr	BOBJ1	208.11	Before	Right Exterior Girder	16.85	0.95	1	1	11.333544
HS15_str_opr	BOBJ1	208.11	After	Left Exterior Girder	16.85	0.95	1	1	18.208614
HS15_str_opr	BOBJ1	208.11	After	Interior Girder 1	16.85	0.95	1	1	11.772844
HS15_str_opr	BOBJ1	208.11	After	Interior Girder 2	16.85	0.95	1	1	10.958047
HS15_str_opr	BOBJ1	208.11	After	Interior Girder 3	16.85	0.95	1	1	9.791681
HS15_str_opr	BOBJ1	208.11	After	Interior Girder 4	16.85	0.95	1	1	9.791681

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Approach, Span 7-11									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
HS15_str_opr	BOBJ1	208.11	After	Interior Girder 5	16.85	0.95	1	1	10.958047
HS15_str_opr	BOBJ1	208.11	After	Interior Girder 6	16.85	0.95	1	1	11.772844
HS15_str_opr	BOBJ1	208.11	After	Right Exterior Girder	16.85	0.95	1	1	18.208614
HS15_str_opr	BOBJ1	216.535	Before	Left Exterior Girder	25.275	0.95	1	1	18.525377
HS15_str_opr	BOBJ1	216.535	Before	Interior Girder 1	25.275	0.95	1	1	12.054848
HS15_str_opr	BOBJ1	216.535	Before	Interior Girder 2	25.275	0.95	1	1	11.220028
HS15_str_opr	BOBJ1	216.535	Before	Interior Girder 3	25.275	0.95	1	1	10.025614
HS15_str_opr	BOBJ1	216.535	Before	Interior Girder 4	25.275	0.95	1	1	10.025614
HS15_str_opr	BOBJ1	216.535	Before	Interior Girder 5	25.275	0.95	1	1	11.220028
HS15_str_opr	BOBJ1	216.535	Before	Interior Girder 6	25.275	0.95	1	1	12.054848
HS15_str_opr	BOBJ1	216.535	Before	Right Exterior Girder	25.275	0.95	1	1	18.525377
HS15_str_opr	BOBJ1	216.535	After	Left Exterior Girder	25.275	0.95	1	1	24.347103
HS15_str_opr	BOBJ1	216.535	After	Interior Girder 1	25.275	0.95	1	1	19.134959
HS15_str_opr	BOBJ1	216.535	After	Interior Girder 2	25.275	0.95	1	1	17.256642
HS15_str_opr	BOBJ1	216.535	After	Interior Girder 3	25.275	0.95	1	1	15.16902
HS15_str_opr	BOBJ1	216.535	After	Interior Girder 4	25.275	0.95	1	1	15.16902
HS15_str_opr	BOBJ1	216.535	After	Interior Girder 5	25.275	0.95	1	1	17.256642
HS15_str_opr	BOBJ1	216.535	After	Interior Girder 6	25.275	0.95	1	1	19.134959
HS15_str_opr	BOBJ1	216.535	After	Right Exterior Girder	25.275	0.95	1	1	24.347103
HS15_str_opr	BOBJ1	224.96	Before	Left Exterior Girder	33.7	0.95	1	1	24.749865
HS15_str_opr	BOBJ1	224.96	Before	Interior Girder 1	33.7	0.95	1	1	19.579516
HS15_str_opr	BOBJ1	224.96	Before	Interior Girder 2	33.7	0.95	1	1	17.516011
HS15_str_opr	BOBJ1	224.96	Before	Interior Girder 3	33.7	0.95	1	1	14.836475
HS15_str_opr	BOBJ1	224.96	Before	Interior Girder 4	33.7	0.95	1	1	14.836475
HS15_str_opr	BOBJ1	224.96	Before	Interior Girder 5	33.7	0.95	1	1	17.516011
HS15_str_opr	BOBJ1	224.96	Before	Interior Girder 6	33.7	0.95	1	1	19.579516
HS15_str_opr	BOBJ1	224.96	Before	Right Exterior Girder	33.7	0.95	1	1	24.749865
HS15_str_opr	BOBJ1	224.96	After	Left Exterior Girder	33.7	0.95	1	1	23.667534
HS15_str_opr	BOBJ1	224.96	After	Interior Girder 1	33.7	0.95	1	1	19.16875
HS15_str_opr	BOBJ1	224.96	After	Interior Girder 2	33.7	0.95	1	1	17.401199
HS15_str_opr	BOBJ1	224.96	After	Interior Girder 3	33.7	0.95	1	1	15.026287
HS15_str_opr	BOBJ1	224.96	After	Interior Girder 4	33.7	0.95	1	1	15.026287
HS15_str_opr	BOBJ1	224.96	After	Interior Girder 5	33.7	0.95	1	1	17.401199
HS15_str_opr	BOBJ1	224.96	After	Interior Girder 6	33.7	0.95	1	1	19.16875
HS15_str_opr	BOBJ1	224.96	After	Right Exterior Girder	33.7	0.95	1	1	23.667534
HS15_str_opr	BOBJ1	233.385	Before	Left Exterior Girder	42.125	0.95	1	1	23.281446
HS15_str_opr	BOBJ1	233.385	Before	Interior Girder 1	42.125	0.95	1	1	18.733072
HS15_str_opr	BOBJ1	233.385	Before	Interior Girder 2	42.125	0.95	1	1	17.007489
HS15_str_opr	BOBJ1	233.385	Before	Interior Girder 3	42.125	0.95	1	1	15.362938
HS15_str_opr	BOBJ1	233.385	Before	Interior Girder 4	42.125	0.95	1	1	15.362938
HS15_str_opr	BOBJ1	233.385	Before	Interior Girder 5	42.125	0.95	1	1	17.007489
HS15_str_opr	BOBJ1	233.385	Before	Interior Girder 6	42.125	0.95	1	1	18.733072
HS15_str_opr	BOBJ1	233.385	Before	Right Exterior Girder	42.125	0.95	1	1	23.281446
HS15_str_opr	BOBJ1	233.385	After	Left Exterior Girder	42.125	0.95	1	1	17.9446
HS15_str_opr	BOBJ1	233.385	After	Interior Girder 1	42.125	0.95	1	1	11.860923
HS15_str_opr	BOBJ1	233.385	After	Interior Girder 2	42.125	0.95	1	1	11.090774
HS15_str_opr	BOBJ1	233.385	After	Interior Girder 3	42.125	0.95	1	1	9.952322
HS15_str_opr	BOBJ1	233.385	After	Interior Girder 4	42.125	0.95	1	1	9.952322
HS15_str_opr	BOBJ1	233.385	After	Interior Girder 5	42.125	0.95	1	1	11.090774
HS15_str_opr	BOBJ1	233.385	After	Interior Girder 6	42.125	0.95	1	1	11.860923
HS15_str_opr	BOBJ1	233.385	After	Right Exterior Girder	42.125	0.95	1	1	17.9446
HS15_str_opr	BOBJ1	241.81	Before	Left Exterior Girder	50.55	0.95	1	1	17.636962
HS15_str_opr	BOBJ1	241.81	Before	Interior Girder 1	50.55	0.95	1	1	11.583184
HS15_str_opr	BOBJ1	241.81	Before	Interior Girder 2	50.55	0.95	1	1	10.831684
HS15_str_opr	BOBJ1	241.81	Before	Interior Girder 3	50.55	0.95	1	1	9.719984
HS15_str_opr	BOBJ1	241.81	Before	Interior Girder 4	50.55	0.95	1	1	9.719984
HS15_str_opr	BOBJ1	241.81	Before	Interior Girder 5	50.55	0.95	1	1	10.831684
HS15_str_opr	BOBJ1	241.81	Before	Interior Girder 6	50.55	0.95	1	1	11.583184
HS15_str_opr	BOBJ1	241.81	Before	Right Exterior Girder	50.55	0.95	1	1	17.636962
HS15_str_opr	BOBJ1	241.81	After	Left Exterior Girder	50.55	0.95	1	1	11.277453
HS15_str_opr	BOBJ1	241.81	After	Interior Girder 1	50.55	0.95	1	1	10.451247
HS15_str_opr	BOBJ1	241.81	After	Interior Girder 2	50.55	0.95	1	1	9.598649
HS15_str_opr	BOBJ1	241.81	After	Interior Girder 3	50.55	0.95	1	1	8.823188
HS15_str_opr	BOBJ1	241.81	After	Interior Girder 4	50.55	0.95	1	1	8.823188
HS15_str_opr	BOBJ1	241.81	After	Interior Girder 5	50.55	0.95	1	1	9.598649

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Approach, Span 7-11									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
HS15_str_opr	BOBJ1	241.81	After	Interior Girder 6	50.55	0.95	1	1	10.451247
HS15_str_opr	BOBJ1	241.81	After	Right Exterior Girder	50.55	0.95	1	1	11.277453
HS15_str_opr	BOBJ1	245.18	Before	Left Exterior Girder	53.92	0.95	1	1	11.196635
HS15_str_opr	BOBJ1	245.18	Before	Interior Girder 1	53.92	0.95	1	1	10.350287
HS15_str_opr	BOBJ1	245.18	Before	Interior Girder 2	53.92	0.95	1	1	9.50691
HS15_str_opr	BOBJ1	245.18	Before	Interior Girder 3	53.92	0.95	1	1	8.737514
HS15_str_opr	BOBJ1	245.18	Before	Interior Girder 4	53.92	0.95	1	1	8.737514
HS15_str_opr	BOBJ1	245.18	Before	Interior Girder 5	53.92	0.95	1	1	9.50691
HS15_str_opr	BOBJ1	245.18	Before	Interior Girder 6	53.92	0.95	1	1	10.350287
HS15_str_opr	BOBJ1	245.18	Before	Right Exterior Girder	53.92	0.95	1	1	11.196635
HS15_str_opr	BOBJ1	245.18	After	Left Exterior Girder	53.92	0.95	1	1	11.800725
HS15_str_opr	BOBJ1	245.18	After	Interior Girder 1	53.92	0.95	1	1	9.541321
HS15_str_opr	BOBJ1	245.18	After	Interior Girder 2	53.92	0.95	1	1	8.82072
HS15_str_opr	BOBJ1	245.18	After	Interior Girder 3	53.92	0.95	1	1	7.938508
HS15_str_opr	BOBJ1	245.18	After	Interior Girder 4	53.92	0.95	1	1	7.938508
HS15_str_opr	BOBJ1	245.18	After	Interior Girder 5	53.92	0.95	1	1	8.82072
HS15_str_opr	BOBJ1	245.18	After	Interior Girder 6	53.92	0.95	1	1	9.541321
HS15_str_opr	BOBJ1	245.18	After	Right Exterior Girder	53.92	0.95	1	1	11.800725
HS15_str_opr	BOBJ1	250.245	Before	Left Exterior Girder	58.985	0.95	1	1	11.681354
HS15_str_opr	BOBJ1	250.245	Before	Interior Girder 1	58.985	0.95	1	1	9.406055
HS15_str_opr	BOBJ1	250.245	Before	Interior Girder 2	58.985	0.95	1	1	8.696905
HS15_str_opr	BOBJ1	250.245	Before	Interior Girder 3	58.985	0.95	1	1	7.825198
HS15_str_opr	BOBJ1	250.245	Before	Interior Girder 4	58.985	0.95	1	1	7.825198
HS15_str_opr	BOBJ1	250.245	Before	Interior Girder 5	58.985	0.95	1	1	8.696905
HS15_str_opr	BOBJ1	250.245	Before	Interior Girder 6	58.985	0.95	1	1	9.406055
HS15_str_opr	BOBJ1	250.245	Before	Right Exterior Girder	58.985	0.95	1	1	11.681354
HS15_str_opr	BOBJ1	250.245	After	Left Exterior Girder	58.985	0.95	1	1	9.7325
HS15_str_opr	BOBJ1	250.245	After	Interior Girder 1	58.985	0.95	1	1	8.243165
HS15_str_opr	BOBJ1	250.245	After	Interior Girder 2	58.985	0.95	1	1	7.226649
HS15_str_opr	BOBJ1	250.245	After	Interior Girder 3	58.985	0.95	1	1	6.144473
HS15_str_opr	BOBJ1	250.245	After	Interior Girder 4	58.985	0.95	1	1	6.144473
HS15_str_opr	BOBJ1	250.245	After	Interior Girder 5	58.985	0.95	1	1	7.226649
HS15_str_opr	BOBJ1	250.245	After	Interior Girder 6	58.985	0.95	1	1	8.243165
HS15_str_opr	BOBJ1	250.245	After	Right Exterior Girder	58.985	0.95	1	1	9.7325
HS15_str_opr	BOBJ1	251.68	Before	Left Exterior Girder	60.42	0.95	1	1	9.703429
HS15_str_opr	BOBJ1	251.68	Before	Right Exterior Girder	60.42	0.95	1	1	9.703429
HS15_str_opr	BOBJ1	251.68	After	Left Exterior Girder	60.42	0.95	1	1	8.854005
HS15_str_opr	BOBJ1	251.68	After	Right Exterior Girder	60.42	0.95	1	1	8.854005
HS15_str_opr	BOBJ1	254.18	Before	Interior Girder 1	62.92	0.95	1	1	7.479923
HS15_str_opr	BOBJ1	254.18	Before	Interior Girder 2	62.92	0.95	1	1	7.14645
HS15_str_opr	BOBJ1	254.18	Before	Interior Girder 3	62.92	0.95	1	1	6.074919
HS15_str_opr	BOBJ1	254.18	Before	Interior Girder 4	62.92	0.95	1	1	6.074919
HS15_str_opr	BOBJ1	254.18	Before	Interior Girder 5	62.92	0.95	1	1	7.14645
HS15_str_opr	BOBJ1	254.18	Before	Interior Girder 6	62.92	0.95	1	1	7.479923
HS15_str_opr	BOBJ1	254.18	After	Interior Girder 1	62.92	0.95	1	1	6.810997
HS15_str_opr	BOBJ1	254.18	After	Interior Girder 2	62.92	0.95	1	1	6.345876
HS15_str_opr	BOBJ1	254.18	After	Interior Girder 3	62.92	0.95	1	1	5.130548
HS15_str_opr	BOBJ1	254.18	After	Interior Girder 4	62.92	0.95	1	1	5.130548
HS15_str_opr	BOBJ1	254.18	After	Interior Girder 5	62.92	0.95	1	1	6.345876
HS15_str_opr	BOBJ1	254.18	After	Interior Girder 6	62.92	0.95	1	1	6.810997
HS15_str_opr	BOBJ1	258.68	Before	Left Exterior Girder	67.42	0.95	1	1	10.783066
HS15_str_opr	BOBJ1	258.68	Before	Interior Girder 1	67.42	0.95	1	1	6.720455
HS15_str_opr	BOBJ1	258.68	Before	Interior Girder 2	67.42	0.95	1	1	6.262338
HS15_str_opr	BOBJ1	258.68	Before	Interior Girder 3	67.42	0.95	1	1	5.061337
HS15_str_opr	BOBJ1	258.68	Before	Interior Girder 4	67.42	0.95	1	1	5.061337
HS15_str_opr	BOBJ1	258.68	Before	Interior Girder 5	67.42	0.95	1	1	6.262338
HS15_str_opr	BOBJ1	258.68	Before	Interior Girder 6	67.42	0.95	1	1	6.720455
HS15_str_opr	BOBJ1	258.68	Before	Right Exterior Girder	67.42	0.95	1	1	10.783066
HS15_str_opr	BOBJ1	258.68	After	Left Exterior Girder	0	0.95	1	1	11.221221
HS15_str_opr	BOBJ1	258.68	After	Interior Girder 1	0	0.95	1	1	6.630363
HS15_str_opr	BOBJ1	258.68	After	Interior Girder 2	0	0.95	1	1	6.16071
HS15_str_opr	BOBJ1	258.68	After	Interior Girder 3	0	0.95	1	1	4.973568
HS15_str_opr	BOBJ1	258.68	After	Interior Girder 4	0	0.95	1	1	4.973568
HS15_str_opr	BOBJ1	258.68	After	Interior Girder 5	0	0.95	1	1	6.16071
HS15_str_opr	BOBJ1	258.68	After	Interior Girder 6	0	0.95	1	1	6.630363

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Approach, Span 7-11									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
HS15_str_opr	BOBJ1	258.68	After	Right Exterior Girder	0	0.95	1	1	11.221221
HS15_str_opr	BOBJ1	263.18	Before	Interior Girder 1	4.5	0.95	1	1	6.720198
HS15_str_opr	BOBJ1	263.18	Before	Interior Girder 2	4.5	0.95	1	1	6.243381
HS15_str_opr	BOBJ1	263.18	Before	Interior Girder 3	4.5	0.95	1	1	5.04188
HS15_str_opr	BOBJ1	263.18	Before	Interior Girder 4	4.5	0.95	1	1	5.04188
HS15_str_opr	BOBJ1	263.18	Before	Interior Girder 5	4.5	0.95	1	1	6.243381
HS15_str_opr	BOBJ1	263.18	Before	Interior Girder 6	4.5	0.95	1	1	6.720198
HS15_str_opr	BOBJ1	263.18	After	Interior Girder 1	4.5	0.95	1	1	7.651906
HS15_str_opr	BOBJ1	263.18	After	Interior Girder 2	4.5	0.95	1	1	7.247991
HS15_str_opr	BOBJ1	263.18	After	Interior Girder 3	4.5	0.95	1	1	6.17335
HS15_str_opr	BOBJ1	263.18	After	Interior Girder 4	4.5	0.95	1	1	6.17335
HS15_str_opr	BOBJ1	263.18	After	Interior Girder 5	4.5	0.95	1	1	7.247991
HS15_str_opr	BOBJ1	263.18	After	Interior Girder 6	4.5	0.95	1	1	7.651906
HS15_str_opr	BOBJ1	265.68	Before	Left Exterior Girder	7	0.95	1	1	9.469452
HS15_str_opr	BOBJ1	265.68	Before	Right Exterior Girder	7	0.95	1	1	9.469452
HS15_str_opr	BOBJ1	265.68	After	Left Exterior Girder	7	0.95	1	1	10.813458
HS15_str_opr	BOBJ1	265.68	After	Right Exterior Girder	7	0.95	1	1	10.813458
HS15_str_opr	BOBJ1	268.08	Before	Left Exterior Girder	9.4	0.95	1	1	10.867772
HS15_str_opr	BOBJ1	268.08	Before	Interior Girder 1	9.4	0.95	1	1	8.223376
HS15_str_opr	BOBJ1	268.08	Before	Interior Girder 2	9.4	0.95	1	1	7.349841
HS15_str_opr	BOBJ1	268.08	Before	Interior Girder 3	9.4	0.95	1	1	6.261679
HS15_str_opr	BOBJ1	268.08	Before	Interior Girder 4	9.4	0.95	1	1	6.261679
HS15_str_opr	BOBJ1	268.08	Before	Interior Girder 5	9.4	0.95	1	1	7.349841
HS15_str_opr	BOBJ1	268.08	Before	Interior Girder 6	9.4	0.95	1	1	8.223376
HS15_str_opr	BOBJ1	268.08	Before	Right Exterior Girder	9.4	0.95	1	1	10.867772
HS15_str_opr	BOBJ1	268.08	After	Left Exterior Girder	9.4	0.95	1	1	13.330894
HS15_str_opr	BOBJ1	268.08	After	Interior Girder 1	9.4	0.95	1	1	11.743753
HS15_str_opr	BOBJ1	268.08	After	Interior Girder 2	9.4	0.95	1	1	10.578598
HS15_str_opr	BOBJ1	268.08	After	Interior Girder 3	9.4	0.95	1	1	9.845518
HS15_str_opr	BOBJ1	268.08	After	Interior Girder 4	9.4	0.95	1	1	9.845518
HS15_str_opr	BOBJ1	268.08	After	Interior Girder 5	9.4	0.95	1	1	10.578598
HS15_str_opr	BOBJ1	268.08	After	Interior Girder 6	9.4	0.95	1	1	11.743753
HS15_str_opr	BOBJ1	268.08	After	Right Exterior Girder	9.4	0.95	1	1	13.330894
HS15_str_opr	BOBJ1	277.48	Before	Left Exterior Girder	18.8	0.95	1	1	13.582036
HS15_str_opr	BOBJ1	277.48	Before	Interior Girder 1	18.8	0.95	1	1	12.057435
HS15_str_opr	BOBJ1	277.48	Before	Interior Girder 2	18.8	0.95	1	1	10.858289
HS15_str_opr	BOBJ1	277.48	Before	Interior Girder 3	18.8	0.95	1	1	10.109372
HS15_str_opr	BOBJ1	277.48	Before	Interior Girder 4	18.8	0.95	1	1	10.109372
HS15_str_opr	BOBJ1	277.48	Before	Interior Girder 5	18.8	0.95	1	1	10.858289
HS15_str_opr	BOBJ1	277.48	Before	Interior Girder 6	18.8	0.95	1	1	12.057435
HS15_str_opr	BOBJ1	277.48	Before	Right Exterior Girder	18.8	0.95	1	1	13.582036
HS15_str_opr	BOBJ1	277.48	After	Left Exterior Girder	18.8	0.95	1	1	24.79817
HS15_str_opr	BOBJ1	277.48	After	Interior Girder 1	18.8	0.95	1	1	13.901549
HS15_str_opr	BOBJ1	277.48	After	Interior Girder 2	18.8	0.95	1	1	12.669141
HS15_str_opr	BOBJ1	277.48	After	Interior Girder 3	18.8	0.95	1	1	11.016877
HS15_str_opr	BOBJ1	277.48	After	Interior Girder 4	18.8	0.95	1	1	11.016877
HS15_str_opr	BOBJ1	277.48	After	Interior Girder 5	18.8	0.95	1	1	12.669141
HS15_str_opr	BOBJ1	277.48	After	Interior Girder 6	18.8	0.95	1	1	13.901549
HS15_str_opr	BOBJ1	277.48	After	Right Exterior Girder	18.8	0.95	1	1	24.79817
HS15_str_opr	BOBJ1	286.88	Before	Left Exterior Girder	28.2	0.95	1	1	25.241251
HS15_str_opr	BOBJ1	286.88	Before	Interior Girder 1	28.2	0.95	1	1	14.258897
HS15_str_opr	BOBJ1	286.88	Before	Interior Girder 2	28.2	0.95	1	1	12.994371
HS15_str_opr	BOBJ1	286.88	Before	Interior Girder 3	28.2	0.95	1	1	11.299352
HS15_str_opr	BOBJ1	286.88	Before	Interior Girder 4	28.2	0.95	1	1	11.299352
HS15_str_opr	BOBJ1	286.88	Before	Interior Girder 5	28.2	0.95	1	1	12.994371
HS15_str_opr	BOBJ1	286.88	Before	Interior Girder 6	28.2	0.95	1	1	14.258897
HS15_str_opr	BOBJ1	286.88	Before	Right Exterior Girder	28.2	0.95	1	1	25.241251
HS15_str_opr	BOBJ1	286.88	After	Left Exterior Girder	28.2	0.95	1	1	41.45719
HS15_str_opr	BOBJ1	286.88	After	Interior Girder 1	28.2	0.95	1	1	20.081809
HS15_str_opr	BOBJ1	286.88	After	Interior Girder 2	28.2	0.95	1	1	17.761678
HS15_str_opr	BOBJ1	286.88	After	Interior Girder 3	28.2	0.95	1	1	15.118904
HS15_str_opr	BOBJ1	286.88	After	Interior Girder 4	28.2	0.95	1	1	15.118904
HS15_str_opr	BOBJ1	286.88	After	Interior Girder 5	28.2	0.95	1	1	17.761678
HS15_str_opr	BOBJ1	286.88	After	Interior Girder 6	28.2	0.95	1	1	20.081809
HS15_str_opr	BOBJ1	286.88	After	Right Exterior Girder	28.2	0.95	1	1	41.45719

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Approach, Span 7-11									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
HS15_str_opr	BOBJ1	296.28	Before	Left Exterior Girder	37.6	0.95	1	1	42.161487
HS15_str_opr	BOBJ1	296.28	Before	Interior Girder 1	37.6	0.95	1	1	19.605296
HS15_str_opr	BOBJ1	296.28	Before	Interior Girder 2	37.6	0.95	1	1	17.338691
HS15_str_opr	BOBJ1	296.28	Before	Interior Girder 3	37.6	0.95	1	1	14.758535
HS15_str_opr	BOBJ1	296.28	Before	Interior Girder 4	37.6	0.95	1	1	14.758535
HS15_str_opr	BOBJ1	296.28	Before	Interior Girder 5	37.6	0.95	1	1	17.338691
HS15_str_opr	BOBJ1	296.28	Before	Interior Girder 6	37.6	0.95	1	1	19.605296
HS15_str_opr	BOBJ1	296.28	Before	Right Exterior Girder	37.6	0.95	1	1	42.161487
HS15_str_opr	BOBJ1	296.28	After	Left Exterior Girder	37.6	0.95	1	1	20.335874
HS15_str_opr	BOBJ1	296.28	After	Interior Girder 1	37.6	0.95	1	1	17.81815
HS15_str_opr	BOBJ1	296.28	After	Interior Girder 2	37.6	0.95	1	1	15.994286
HS15_str_opr	BOBJ1	296.28	After	Interior Girder 3	37.6	0.95	1	1	15.557258
HS15_str_opr	BOBJ1	296.28	After	Interior Girder 4	37.6	0.95	1	1	15.557258
HS15_str_opr	BOBJ1	296.28	After	Interior Girder 5	37.6	0.95	1	1	15.994286
HS15_str_opr	BOBJ1	296.28	After	Interior Girder 6	37.6	0.95	1	1	17.81815
HS15_str_opr	BOBJ1	296.28	After	Right Exterior Girder	37.6	0.95	1	1	20.335874
HS15_str_opr	BOBJ1	305.69	Before	Left Exterior Girder	47.01	0.95	1	1	19.98783
HS15_str_opr	BOBJ1	305.69	Before	Interior Girder 1	47.01	0.95	1	1	17.376395
HS15_str_opr	BOBJ1	305.69	Before	Interior Girder 2	47.01	0.95	1	1	15.600045
HS15_str_opr	BOBJ1	305.69	Before	Interior Girder 3	47.01	0.95	1	1	15.17298
HS15_str_opr	BOBJ1	305.69	Before	Interior Girder 4	47.01	0.95	1	1	15.17298
HS15_str_opr	BOBJ1	305.69	Before	Interior Girder 5	47.01	0.95	1	1	15.600045
HS15_str_opr	BOBJ1	305.69	Before	Interior Girder 6	47.01	0.95	1	1	17.376395
HS15_str_opr	BOBJ1	305.69	Before	Right Exterior Girder	47.01	0.95	1	1	19.98783
HS15_str_opr	BOBJ1	305.69	After	Left Exterior Girder	47.01	0.95	1	1	15.215295
HS15_str_opr	BOBJ1	305.69	After	Interior Girder 1	47.01	0.95	1	1	10.469853
HS15_str_opr	BOBJ1	305.69	After	Interior Girder 2	47.01	0.95	1	1	9.639571
HS15_str_opr	BOBJ1	305.69	After	Interior Girder 3	47.01	0.95	1	1	8.907461
HS15_str_opr	BOBJ1	305.69	After	Interior Girder 4	47.01	0.95	1	1	8.907461
HS15_str_opr	BOBJ1	305.69	After	Interior Girder 5	47.01	0.95	1	1	9.639571
HS15_str_opr	BOBJ1	305.69	After	Interior Girder 6	47.01	0.95	1	1	10.469853
HS15_str_opr	BOBJ1	305.69	After	Right Exterior Girder	47.01	0.95	1	1	15.215295
HS15_str_opr	BOBJ1	315.1	Before	Left Exterior Girder	56.42	0.95	1	1	14.941122
HS15_str_opr	BOBJ1	315.1	Before	Interior Girder 1	56.42	0.95	1	1	10.201865
HS15_str_opr	BOBJ1	315.1	Before	Interior Girder 2	56.42	0.95	1	1	9.393723
HS15_str_opr	BOBJ1	315.1	Before	Interior Girder 3	56.42	0.95	1	1	8.679511
HS15_str_opr	BOBJ1	315.1	Before	Interior Girder 4	56.42	0.95	1	1	8.679511
HS15_str_opr	BOBJ1	315.1	Before	Interior Girder 5	56.42	0.95	1	1	9.393723
HS15_str_opr	BOBJ1	315.1	Before	Interior Girder 6	56.42	0.95	1	1	10.201865
HS15_str_opr	BOBJ1	315.1	Before	Right Exterior Girder	56.42	0.95	1	1	14.941122
HS15_str_inv	BOBJ1	0	After	Left Exterior Girder	0	0.95	1	1	11.53423
HS15_str_inv	BOBJ1	0	After	Interior Girder 1	0	0.95	1	1	7.867517
HS15_str_inv	BOBJ1	0	After	Interior Girder 2	0	0.95	1	1	7.24728
HS15_str_inv	BOBJ1	0	After	Interior Girder 3	0	0.95	1	1	6.694674
HS15_str_inv	BOBJ1	0	After	Interior Girder 4	0	0.95	1	1	6.694674
HS15_str_inv	BOBJ1	0	After	Interior Girder 5	0	0.95	1	1	7.24728
HS15_str_inv	BOBJ1	0	After	Interior Girder 6	0	0.95	1	1	7.867517
HS15_str_inv	BOBJ1	0	After	Right Exterior Girder	0	0.95	1	1	11.53423
HS15_str_inv	BOBJ1	9.4	Before	Left Exterior Girder	9.4	0.95	1	1	11.745391
HS15_str_inv	BOBJ1	9.4	Before	Interior Girder 1	9.4	0.95	1	1	8.073997
HS15_str_inv	BOBJ1	9.4	Before	Interior Girder 2	9.4	0.95	1	1	7.43672
HS15_str_inv	BOBJ1	9.4	Before	Interior Girder 3	9.4	0.95	1	1	6.87023
HS15_str_inv	BOBJ1	9.4	Before	Interior Girder 4	9.4	0.95	1	1	6.87023
HS15_str_inv	BOBJ1	9.4	Before	Interior Girder 5	9.4	0.95	1	1	7.43672
HS15_str_inv	BOBJ1	9.4	Before	Interior Girder 6	9.4	0.95	1	1	8.073997
HS15_str_inv	BOBJ1	9.4	Before	Right Exterior Girder	9.4	0.95	1	1	11.745391
HS15_str_inv	BOBJ1	9.4	After	Left Exterior Girder	9.4	0.95	1	1	15.417871
HS15_str_inv	BOBJ1	9.4	After	Interior Girder 1	9.4	0.95	1	1	13.395895
HS15_str_inv	BOBJ1	9.4	After	Interior Girder 2	9.4	0.95	1	1	12.027491
HS15_str_inv	BOBJ1	9.4	After	Interior Girder 3	9.4	0.95	1	1	11.694894
HS15_str_inv	BOBJ1	9.4	After	Interior Girder 4	9.4	0.95	1	1	11.694894
HS15_str_inv	BOBJ1	9.4	After	Interior Girder 5	9.4	0.95	1	1	12.027491
HS15_str_inv	BOBJ1	9.4	After	Interior Girder 6	9.4	0.95	1	1	13.395895
HS15_str_inv	BOBJ1	9.4	After	Right Exterior Girder	9.4	0.95	1	1	15.417871
HS15_str_inv	BOBJ1	18.8	Before	Left Exterior Girder	18.8	0.95	1	1	15.685761

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Approach, Span 7-11									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
HS15_str_inv	BOBJ1	18.8	Before	Interior Girder 1	18.8	0.95	1	1	13.736122
HS15_str_inv	BOBJ1	18.8	Before	Interior Girder 2	18.8	0.95	1	1	12.331085
HS15_str_inv	BOBJ1	18.8	Before	Interior Girder 3	18.8	0.95	1	1	11.990664
HS15_str_inv	BOBJ1	18.8	Before	Interior Girder 4	18.8	0.95	1	1	11.990664
HS15_str_inv	BOBJ1	18.8	Before	Interior Girder 5	18.8	0.95	1	1	12.331085
HS15_str_inv	BOBJ1	18.8	Before	Interior Girder 6	18.8	0.95	1	1	13.736122
HS15_str_inv	BOBJ1	18.8	Before	Right Exterior Girder	18.8	0.95	1	1	15.685761
HS15_str_inv	BOBJ1	18.8	After	Left Exterior Girder	18.8	0.95	1	1	32.590922
HS15_str_inv	BOBJ1	18.8	After	Interior Girder 1	18.8	0.95	1	1	15.122891
HS15_str_inv	BOBJ1	18.8	After	Interior Girder 2	18.8	0.95	1	1	13.372573
HS15_str_inv	BOBJ1	18.8	After	Interior Girder 3	18.8	0.95	1	1	11.37968
HS15_str_inv	BOBJ1	18.8	After	Interior Girder 4	18.8	0.95	1	1	11.37968
HS15_str_inv	BOBJ1	18.8	After	Interior Girder 5	18.8	0.95	1	1	13.372573
HS15_str_inv	BOBJ1	18.8	After	Interior Girder 6	18.8	0.95	1	1	15.122891
HS15_str_inv	BOBJ1	18.8	After	Right Exterior Girder	18.8	0.95	1	1	32.590922
HS15_str_inv	BOBJ1	28.2	Before	Left Exterior Girder	28.2	0.95	1	1	32.04619
HS15_str_inv	BOBJ1	28.2	Before	Interior Girder 1	28.2	0.95	1	1	15.490301
HS15_str_inv	BOBJ1	28.2	Before	Interior Girder 2	28.2	0.95	1	1	13.698731
HS15_str_inv	BOBJ1	28.2	Before	Interior Girder 3	28.2	0.95	1	1	11.657511
HS15_str_inv	BOBJ1	28.2	Before	Interior Girder 4	28.2	0.95	1	1	11.657511
HS15_str_inv	BOBJ1	28.2	Before	Interior Girder 5	28.2	0.95	1	1	13.698731
HS15_str_inv	BOBJ1	28.2	Before	Interior Girder 6	28.2	0.95	1	1	15.490301
HS15_str_inv	BOBJ1	28.2	Before	Right Exterior Girder	28.2	0.95	1	1	32.04619
HS15_str_inv	BOBJ1	28.2	After	Left Exterior Girder	28.2	0.95	1	1	19.491529
HS15_str_inv	BOBJ1	28.2	After	Interior Girder 1	28.2	0.95	1	1	11.001127
HS15_str_inv	BOBJ1	28.2	After	Interior Girder 2	28.2	0.95	1	1	10.026597
HS15_str_inv	BOBJ1	28.2	After	Interior Girder 3	28.2	0.95	1	1	8.720768
HS15_str_inv	BOBJ1	28.2	After	Interior Girder 4	28.2	0.95	1	1	8.720768
HS15_str_inv	BOBJ1	28.2	After	Interior Girder 5	28.2	0.95	1	1	10.026597
HS15_str_inv	BOBJ1	28.2	After	Interior Girder 6	28.2	0.95	1	1	11.001127
HS15_str_inv	BOBJ1	28.2	After	Right Exterior Girder	28.2	0.95	1	1	19.491529
HS15_str_inv	BOBJ1	37.6	Before	Left Exterior Girder	37.6	0.95	1	1	19.149176
HS15_str_inv	BOBJ1	37.6	Before	Interior Girder 1	37.6	0.95	1	1	10.7253
HS15_str_inv	BOBJ1	37.6	Before	Interior Girder 2	37.6	0.95	1	1	9.775585
HS15_str_inv	BOBJ1	37.6	Before	Interior Girder 3	37.6	0.95	1	1	8.502731
HS15_str_inv	BOBJ1	37.6	Before	Interior Girder 4	37.6	0.95	1	1	8.502731
HS15_str_inv	BOBJ1	37.6	Before	Interior Girder 5	37.6	0.95	1	1	9.775585
HS15_str_inv	BOBJ1	37.6	Before	Interior Girder 6	37.6	0.95	1	1	10.7253
HS15_str_inv	BOBJ1	37.6	Before	Right Exterior Girder	37.6	0.95	1	1	19.149176
HS15_str_inv	BOBJ1	37.6	After	Left Exterior Girder	37.6	0.95	1	1	10.482491
HS15_str_inv	BOBJ1	37.6	After	Interior Girder 1	37.6	0.95	1	1	9.300311
HS15_str_inv	BOBJ1	37.6	After	Interior Girder 2	37.6	0.95	1	1	8.376355
HS15_str_inv	BOBJ1	37.6	After	Interior Girder 3	37.6	0.95	1	1	7.8049
HS15_str_inv	BOBJ1	37.6	After	Interior Girder 4	37.6	0.95	1	1	7.8049
HS15_str_inv	BOBJ1	37.6	After	Interior Girder 5	37.6	0.95	1	1	8.376355
HS15_str_inv	BOBJ1	37.6	After	Interior Girder 6	37.6	0.95	1	1	9.300311
HS15_str_inv	BOBJ1	37.6	After	Right Exterior Girder	37.6	0.95	1	1	10.482491
HS15_str_inv	BOBJ1	47.01	Before	Left Exterior Girder	47.01	0.95	1	1	10.288374
HS15_str_inv	BOBJ1	47.01	Before	Interior Girder 1	47.01	0.95	1	1	9.057951
HS15_str_inv	BOBJ1	47.01	Before	Interior Girder 2	47.01	0.95	1	1	8.160285
HS15_str_inv	BOBJ1	47.01	Before	Interior Girder 3	47.01	0.95	1	1	7.60096
HS15_str_inv	BOBJ1	47.01	Before	Interior Girder 4	47.01	0.95	1	1	7.60096
HS15_str_inv	BOBJ1	47.01	Before	Interior Girder 5	47.01	0.95	1	1	8.160285
HS15_str_inv	BOBJ1	47.01	Before	Interior Girder 6	47.01	0.95	1	1	9.057951
HS15_str_inv	BOBJ1	47.01	Before	Right Exterior Girder	47.01	0.95	1	1	10.288374
HS15_str_inv	BOBJ1	47.01	After	Left Exterior Girder	47.01	0.95	1	1	8.388229
HS15_str_inv	BOBJ1	47.01	After	Interior Girder 1	47.01	0.95	1	1	6.337112
HS15_str_inv	BOBJ1	47.01	After	Interior Girder 2	47.01	0.95	1	1	5.66678
HS15_str_inv	BOBJ1	47.01	After	Interior Girder 3	47.01	0.95	1	1	4.83116
HS15_str_inv	BOBJ1	47.01	After	Interior Girder 4	47.01	0.95	1	1	4.83116
HS15_str_inv	BOBJ1	47.01	After	Interior Girder 5	47.01	0.95	1	1	5.66678
HS15_str_inv	BOBJ1	47.01	After	Interior Girder 6	47.01	0.95	1	1	6.337112
HS15_str_inv	BOBJ1	47.01	After	Right Exterior Girder	47.01	0.95	1	1	8.388229
HS15_str_inv	BOBJ1	49.42	Before	Left Exterior Girder	49.42	0.95	1	1	8.346116
HS15_str_inv	BOBJ1	49.42	Before	Right Exterior Girder	49.42	0.95	1	1	8.346116

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Approach, Span 7-11									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
HS15_str_inv	BOBJ1	49.42	After	Left Exterior Girder	49.42	0.95	1	1	7.309254
HS15_str_inv	BOBJ1	49.42	After	Right Exterior Girder	49.42	0.95	1	1	7.309254
HS15_str_inv	BOBJ1	51.92	Before	Interior Girder 1	51.92	0.95	1	1	5.898944
HS15_str_inv	BOBJ1	51.92	Before	Interior Girder 2	51.92	0.95	1	1	5.588059
HS15_str_inv	BOBJ1	51.92	Before	Interior Girder 3	51.92	0.95	1	1	4.762863
HS15_str_inv	BOBJ1	51.92	Before	Interior Girder 4	51.92	0.95	1	1	4.762863
HS15_str_inv	BOBJ1	51.92	Before	Interior Girder 5	51.92	0.95	1	1	5.588059
HS15_str_inv	BOBJ1	51.92	Before	Interior Girder 6	51.92	0.95	1	1	5.898944
HS15_str_inv	BOBJ1	51.92	After	Interior Girder 1	51.92	0.95	1	1	5.178051
HS15_str_inv	BOBJ1	51.92	After	Interior Girder 2	51.92	0.95	1	1	4.811842
HS15_str_inv	BOBJ1	51.92	After	Interior Girder 3	51.92	0.95	1	1	3.88795
HS15_str_inv	BOBJ1	51.92	After	Interior Girder 4	51.92	0.95	1	1	3.88795
HS15_str_inv	BOBJ1	51.92	After	Interior Girder 5	51.92	0.95	1	1	4.811842
HS15_str_inv	BOBJ1	51.92	After	Interior Girder 6	51.92	0.95	1	1	5.178051
HS15_str_inv	BOBJ1	56.42	Before	Left Exterior Girder	56.42	0.95	1	1	8.655469
HS15_str_inv	BOBJ1	56.42	Before	Interior Girder 1	56.42	0.95	1	1	5.108781
HS15_str_inv	BOBJ1	56.42	Before	Interior Girder 2	56.42	0.95	1	1	4.748097
HS15_str_inv	BOBJ1	56.42	Before	Interior Girder 3	56.42	0.95	1	1	3.835264
HS15_str_inv	BOBJ1	56.42	Before	Interior Girder 4	56.42	0.95	1	1	3.835264
HS15_str_inv	BOBJ1	56.42	Before	Interior Girder 5	56.42	0.95	1	1	4.748097
HS15_str_inv	BOBJ1	56.42	Before	Interior Girder 6	56.42	0.95	1	1	5.108781
HS15_str_inv	BOBJ1	56.42	Before	Right Exterior Girder	56.42	0.95	1	1	8.655469
HS15_str_inv	BOBJ1	56.42	After	Left Exterior Girder	0	0.95	1	1	8.310204
HS15_str_inv	BOBJ1	56.42	After	Interior Girder 1	0	0.95	1	1	5.186285
HS15_str_inv	BOBJ1	56.42	After	Interior Girder 2	0	0.95	1	1	4.833174
HS15_str_inv	BOBJ1	56.42	After	Interior Girder 3	0	0.95	1	1	3.904189
HS15_str_inv	BOBJ1	56.42	After	Interior Girder 4	0	0.95	1	1	3.904189
HS15_str_inv	BOBJ1	56.42	After	Interior Girder 5	0	0.95	1	1	4.833174
HS15_str_inv	BOBJ1	56.42	After	Interior Girder 6	0	0.95	1	1	5.186285
HS15_str_inv	BOBJ1	56.42	After	Right Exterior Girder	0	0.95	1	1	8.310204
HS15_str_inv	BOBJ1	60.92	Before	Interior Girder 1	4.5	0.95	1	1	5.256157
HS15_str_inv	BOBJ1	60.92	Before	Interior Girder 2	4.5	0.95	1	1	4.897642
HS15_str_inv	BOBJ1	60.92	Before	Interior Girder 3	4.5	0.95	1	1	3.957583
HS15_str_inv	BOBJ1	60.92	Before	Interior Girder 4	4.5	0.95	1	1	3.957583
HS15_str_inv	BOBJ1	60.92	Before	Interior Girder 5	4.5	0.95	1	1	4.897642
HS15_str_inv	BOBJ1	60.92	Before	Interior Girder 6	4.5	0.95	1	1	5.256157
HS15_str_inv	BOBJ1	60.92	After	Interior Girder 1	4.5	0.95	1	1	5.770352
HS15_str_inv	BOBJ1	60.92	After	Interior Girder 2	4.5	0.95	1	1	5.514278
HS15_str_inv	BOBJ1	60.92	After	Interior Girder 3	4.5	0.95	1	1	4.684408
HS15_str_inv	BOBJ1	60.92	After	Interior Girder 4	4.5	0.95	1	1	4.684408
HS15_str_inv	BOBJ1	60.92	After	Interior Girder 5	4.5	0.95	1	1	5.514278
HS15_str_inv	BOBJ1	60.92	After	Interior Girder 6	4.5	0.95	1	1	5.770352
HS15_str_inv	BOBJ1	63.42	Before	Left Exterior Girder	7	0.95	1	1	6.816436
HS15_str_inv	BOBJ1	63.42	Before	Right Exterior Girder	7	0.95	1	1	6.816436
HS15_str_inv	BOBJ1	63.42	After	Left Exterior Girder	7	0.95	1	1	7.467944
HS15_str_inv	BOBJ1	63.42	After	Right Exterior Girder	7	0.95	1	1	7.467944
HS15_str_inv	BOBJ1	64.845	Before	Left Exterior Girder	8.425	0.95	1	1	7.490175
HS15_str_inv	BOBJ1	64.845	Before	Interior Girder 1	8.425	0.95	1	1	6.364566
HS15_str_inv	BOBJ1	64.845	Before	Interior Girder 2	8.425	0.95	1	1	5.575998
HS15_str_inv	BOBJ1	64.845	Before	Interior Girder 3	8.425	0.95	1	1	4.737912
HS15_str_inv	BOBJ1	64.845	Before	Interior Girder 4	8.425	0.95	1	1	4.737912
HS15_str_inv	BOBJ1	64.845	Before	Interior Girder 5	8.425	0.95	1	1	5.575998
HS15_str_inv	BOBJ1	64.845	Before	Interior Girder 6	8.425	0.95	1	1	6.364566
HS15_str_inv	BOBJ1	64.845	Before	Right Exterior Girder	8.425	0.95	1	1	7.490175
HS15_str_inv	BOBJ1	64.845	After	Left Exterior Girder	8.425	0.95	1	1	9.002378
HS15_str_inv	BOBJ1	64.845	After	Interior Girder 1	8.425	0.95	1	1	7.259273
HS15_str_inv	BOBJ1	64.845	After	Interior Girder 2	8.425	0.95	1	1	6.712847
HS15_str_inv	BOBJ1	64.845	After	Interior Girder 3	8.425	0.95	1	1	6.036493
HS15_str_inv	BOBJ1	64.845	After	Interior Girder 4	8.425	0.95	1	1	6.036493
HS15_str_inv	BOBJ1	64.845	After	Interior Girder 5	8.425	0.95	1	1	6.712847
HS15_str_inv	BOBJ1	64.845	After	Interior Girder 6	8.425	0.95	1	1	7.259273
HS15_str_inv	BOBJ1	64.845	After	Right Exterior Girder	8.425	0.95	1	1	9.002378
HS15_str_inv	BOBJ1	69.92	Before	Left Exterior Girder	13.5	0.95	1	1	9.094595
HS15_str_inv	BOBJ1	69.92	Before	Interior Girder 1	13.5	0.95	1	1	7.363876
HS15_str_inv	BOBJ1	69.92	Before	Interior Girder 2	13.5	0.95	1	1	6.808601

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Approach, Span 7-11									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
HS15_str_inv	BOBJ1	69.92	Before	Interior Girder 3	13.5	0.95	1	1	6.124086
HS15_str_inv	BOBJ1	69.92	Before	Interior Girder 4	13.5	0.95	1	1	6.124086
HS15_str_inv	BOBJ1	69.92	Before	Interior Girder 5	13.5	0.95	1	1	6.808601
HS15_str_inv	BOBJ1	69.92	Before	Interior Girder 6	13.5	0.95	1	1	7.363876
HS15_str_inv	BOBJ1	69.92	Before	Right Exterior Girder	13.5	0.95	1	1	9.094595
HS15_str_inv	BOBJ1	69.92	After	Left Exterior Girder	13.5	0.95	1	1	8.626179
HS15_str_inv	BOBJ1	69.92	After	Interior Girder 1	13.5	0.95	1	1	7.981156
HS15_str_inv	BOBJ1	69.92	After	Interior Girder 2	13.5	0.95	1	1	7.331949
HS15_str_inv	BOBJ1	69.92	After	Interior Girder 3	13.5	0.95	1	1	6.733419
HS15_str_inv	BOBJ1	69.92	After	Interior Girder 4	13.5	0.95	1	1	6.733419
HS15_str_inv	BOBJ1	69.92	After	Interior Girder 5	13.5	0.95	1	1	7.331949
HS15_str_inv	BOBJ1	69.92	After	Interior Girder 6	13.5	0.95	1	1	7.981156
HS15_str_inv	BOBJ1	69.92	After	Right Exterior Girder	13.5	0.95	1	1	8.626179
HS15_str_inv	BOBJ1	73.27	Before	Left Exterior Girder	16.85	0.95	1	1	8.688104
HS15_str_inv	BOBJ1	73.27	Before	Interior Girder 1	16.85	0.95	1	1	8.058545
HS15_str_inv	BOBJ1	73.27	Before	Interior Girder 2	16.85	0.95	1	1	7.402276
HS15_str_inv	BOBJ1	73.27	Before	Interior Girder 3	16.85	0.95	1	1	6.799058
HS15_str_inv	BOBJ1	73.27	Before	Interior Girder 4	16.85	0.95	1	1	6.799058
HS15_str_inv	BOBJ1	73.27	Before	Interior Girder 5	16.85	0.95	1	1	7.402276
HS15_str_inv	BOBJ1	73.27	Before	Interior Girder 6	16.85	0.95	1	1	8.058545
HS15_str_inv	BOBJ1	73.27	Before	Right Exterior Girder	16.85	0.95	1	1	8.688104
HS15_str_inv	BOBJ1	73.27	After	Left Exterior Girder	16.85	0.95	1	1	13.586199
HS15_str_inv	BOBJ1	73.27	After	Interior Girder 1	16.85	0.95	1	1	8.929875
HS15_str_inv	BOBJ1	73.27	After	Interior Girder 2	16.85	0.95	1	1	8.351315
HS15_str_inv	BOBJ1	73.27	After	Interior Girder 3	16.85	0.95	1	1	7.494283
HS15_str_inv	BOBJ1	73.27	After	Interior Girder 4	16.85	0.95	1	1	7.494283
HS15_str_inv	BOBJ1	73.27	After	Interior Girder 5	16.85	0.95	1	1	8.351315
HS15_str_inv	BOBJ1	73.27	After	Interior Girder 6	16.85	0.95	1	1	8.929875
HS15_str_inv	BOBJ1	73.27	After	Right Exterior Girder	16.85	0.95	1	1	13.586199
HS15_str_inv	BOBJ1	81.695	Before	Left Exterior Girder	25.275	0.95	1	1	13.823274
HS15_str_inv	BOBJ1	81.695	Before	Interior Girder 1	25.275	0.95	1	1	9.144032
HS15_str_inv	BOBJ1	81.695	Before	Interior Girder 2	25.275	0.95	1	1	8.551098
HS15_str_inv	BOBJ1	81.695	Before	Interior Girder 3	25.275	0.95	1	1	7.67344
HS15_str_inv	BOBJ1	81.695	Before	Interior Girder 4	25.275	0.95	1	1	7.67344
HS15_str_inv	BOBJ1	81.695	Before	Interior Girder 5	25.275	0.95	1	1	8.551098
HS15_str_inv	BOBJ1	81.695	Before	Interior Girder 6	25.275	0.95	1	1	9.144032
HS15_str_inv	BOBJ1	81.695	Before	Right Exterior Girder	25.275	0.95	1	1	13.823274
HS15_str_inv	BOBJ1	81.695	After	Left Exterior Girder	25.275	0.95	1	1	17.92753
HS15_str_inv	BOBJ1	81.695	After	Interior Girder 1	25.275	0.95	1	1	14.438475
HS15_str_inv	BOBJ1	81.695	After	Interior Girder 2	25.275	0.95	1	1	13.110036
HS15_str_inv	BOBJ1	81.695	After	Interior Girder 3	25.275	0.95	1	1	11.858281
HS15_str_inv	BOBJ1	81.695	After	Interior Girder 4	25.275	0.95	1	1	11.858281
HS15_str_inv	BOBJ1	81.695	After	Interior Girder 5	25.275	0.95	1	1	13.110036
HS15_str_inv	BOBJ1	81.695	After	Interior Girder 6	25.275	0.95	1	1	14.438475
HS15_str_inv	BOBJ1	81.695	After	Right Exterior Girder	25.275	0.95	1	1	17.92753
HS15_str_inv	BOBJ1	90.12	Before	Left Exterior Girder	33.7	0.95	1	1	18.22494
HS15_str_inv	BOBJ1	90.12	Before	Interior Girder 1	33.7	0.95	1	1	14.774335
HS15_str_inv	BOBJ1	90.12	Before	Interior Girder 2	33.7	0.95	1	1	13.413558
HS15_str_inv	BOBJ1	90.12	Before	Interior Girder 3	33.7	0.95	1	1	11.598456
HS15_str_inv	BOBJ1	90.12	Before	Interior Girder 4	33.7	0.95	1	1	11.598456
HS15_str_inv	BOBJ1	90.12	Before	Interior Girder 5	33.7	0.95	1	1	13.413558
HS15_str_inv	BOBJ1	90.12	Before	Interior Girder 6	33.7	0.95	1	1	14.774335
HS15_str_inv	BOBJ1	90.12	Before	Right Exterior Girder	33.7	0.95	1	1	18.22494
HS15_str_inv	BOBJ1	90.12	After	Left Exterior Girder	33.7	0.95	1	1	19.12684
HS15_str_inv	BOBJ1	90.12	After	Interior Girder 1	33.7	0.95	1	1	15.117933
HS15_str_inv	BOBJ1	90.12	After	Interior Girder 2	33.7	0.95	1	1	13.505236
HS15_str_inv	BOBJ1	90.12	After	Interior Girder 3	33.7	0.95	1	1	11.437579
HS15_str_inv	BOBJ1	90.12	After	Interior Girder 4	33.7	0.95	1	1	11.437579
HS15_str_inv	BOBJ1	90.12	After	Interior Girder 5	33.7	0.95	1	1	13.505236
HS15_str_inv	BOBJ1	90.12	After	Interior Girder 6	33.7	0.95	1	1	15.117933
HS15_str_inv	BOBJ1	90.12	After	Right Exterior Girder	33.7	0.95	1	1	19.12684
HS15_str_inv	BOBJ1	98.545	Before	Left Exterior Girder	42.125	0.95	1	1	18.81568
HS15_str_inv	BOBJ1	98.545	Before	Interior Girder 1	42.125	0.95	1	1	14.774743
HS15_str_inv	BOBJ1	98.545	Before	Interior Girder 2	42.125	0.95	1	1	13.322941
HS15_str_inv	BOBJ1	98.545	Before	Interior Girder 3	42.125	0.95	1	1	11.693971

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Approach, Span 7-11									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
HS15_str_inv	BOBJ1	98.545	Before	Interior Girder 4	42.125	0.95	1	1	11.693971
HS15_str_inv	BOBJ1	98.545	Before	Interior Girder 5	42.125	0.95	1	1	13.322941
HS15_str_inv	BOBJ1	98.545	Before	Interior Girder 6	42.125	0.95	1	1	14.774743
HS15_str_inv	BOBJ1	98.545	Before	Right Exterior Girder	42.125	0.95	1	1	18.81568
HS15_str_inv	BOBJ1	98.545	After	Left Exterior Girder	42.125	0.95	1	1	14.310692
HS15_str_inv	BOBJ1	98.545	After	Interior Girder 1	42.125	0.95	1	1	9.305629
HS15_str_inv	BOBJ1	98.545	After	Interior Girder 2	42.125	0.95	1	1	8.660501
HS15_str_inv	BOBJ1	98.545	After	Interior Girder 3	42.125	0.95	1	1	7.738221
HS15_str_inv	BOBJ1	98.545	After	Interior Girder 4	42.125	0.95	1	1	7.738221
HS15_str_inv	BOBJ1	98.545	After	Interior Girder 5	42.125	0.95	1	1	8.660501
HS15_str_inv	BOBJ1	98.545	After	Interior Girder 6	42.125	0.95	1	1	9.305629
HS15_str_inv	BOBJ1	98.545	After	Right Exterior Girder	42.125	0.95	1	1	14.310692
HS15_str_inv	BOBJ1	106.97	Before	Left Exterior Girder	50.55	0.95	1	1	14.066075
HS15_str_inv	BOBJ1	106.97	Before	Interior Girder 1	50.55	0.95	1	1	9.08798
HS15_str_inv	BOBJ1	106.97	Before	Interior Girder 2	50.55	0.95	1	1	8.458311
HS15_str_inv	BOBJ1	106.97	Before	Interior Girder 3	50.55	0.95	1	1	7.557686
HS15_str_inv	BOBJ1	106.97	Before	Interior Girder 4	50.55	0.95	1	1	7.557686
HS15_str_inv	BOBJ1	106.97	Before	Interior Girder 5	50.55	0.95	1	1	8.458311
HS15_str_inv	BOBJ1	106.97	Before	Interior Girder 6	50.55	0.95	1	1	9.08798
HS15_str_inv	BOBJ1	106.97	Before	Right Exterior Girder	50.55	0.95	1	1	14.066075
HS15_str_inv	BOBJ1	106.97	After	Left Exterior Girder	50.55	0.95	1	1	8.753102
HS15_str_inv	BOBJ1	106.97	After	Interior Girder 1	50.55	0.95	1	1	8.226218
HS15_str_inv	BOBJ1	106.97	After	Interior Girder 2	50.55	0.95	1	1	7.587776
HS15_str_inv	BOBJ1	106.97	After	Interior Girder 3	50.55	0.95	1	1	7.022474
HS15_str_inv	BOBJ1	106.97	After	Interior Girder 4	50.55	0.95	1	1	7.022474
HS15_str_inv	BOBJ1	106.97	After	Interior Girder 5	50.55	0.95	1	1	7.587776
HS15_str_inv	BOBJ1	106.97	After	Interior Girder 6	50.55	0.95	1	1	8.226218
HS15_str_inv	BOBJ1	106.97	After	Right Exterior Girder	50.55	0.95	1	1	8.753102
HS15_str_inv	BOBJ1	115.405	Before	Left Exterior Girder	58.985	0.95	1	1	8.595173
HS15_str_inv	BOBJ1	115.405	Before	Interior Girder 1	58.985	0.95	1	1	8.026753
HS15_str_inv	BOBJ1	115.405	Before	Interior Girder 2	58.985	0.95	1	1	7.405883
HS15_str_inv	BOBJ1	115.405	Before	Interior Girder 3	58.985	0.95	1	1	6.85146
HS15_str_inv	BOBJ1	115.405	Before	Interior Girder 4	58.985	0.95	1	1	6.85146
HS15_str_inv	BOBJ1	115.405	Before	Interior Girder 5	58.985	0.95	1	1	7.405883
HS15_str_inv	BOBJ1	115.405	Before	Interior Girder 6	58.985	0.95	1	1	8.026753
HS15_str_inv	BOBJ1	115.405	Before	Right Exterior Girder	58.985	0.95	1	1	8.595173
HS15_str_inv	BOBJ1	115.405	After	Left Exterior Girder	58.985	0.95	1	1	5.667969
HS15_str_inv	BOBJ1	115.405	After	Interior Girder 1	58.985	0.95	1	1	6.936853
HS15_str_inv	BOBJ1	115.405	After	Interior Girder 2	58.985	0.95	1	1	5.34701
HS15_str_inv	BOBJ1	115.405	After	Interior Girder 3	58.985	0.95	1	1	4.530944
HS15_str_inv	BOBJ1	115.405	After	Interior Girder 4	58.985	0.95	1	1	4.530944
HS15_str_inv	BOBJ1	115.405	After	Interior Girder 5	58.985	0.95	1	1	5.34701
HS15_str_inv	BOBJ1	115.405	After	Interior Girder 6	58.985	0.95	1	1	6.936853
HS15_str_inv	BOBJ1	115.405	After	Right Exterior Girder	58.985	0.95	1	1	5.667969
HS15_str_inv	BOBJ1	116.34	Before	Left Exterior Girder	59.92	0.95	1	1	5.655543
HS15_str_inv	BOBJ1	116.34	Before	Right Exterior Girder	59.92	0.95	1	1	5.655543
HS15_str_inv	BOBJ1	116.34	After	Left Exterior Girder	59.92	0.95	1	1	5.115234
HS15_str_inv	BOBJ1	116.34	After	Right Exterior Girder	59.92	0.95	1	1	5.115234
HS15_str_inv	BOBJ1	118.84	Before	Interior Girder 1	62.42	0.95	1	1	5.544408
HS15_str_inv	BOBJ1	118.84	Before	Interior Girder 2	62.42	0.95	1	1	5.293297
HS15_str_inv	BOBJ1	118.84	Before	Interior Girder 3	62.42	0.95	1	1	4.484493
HS15_str_inv	BOBJ1	118.84	Before	Interior Girder 4	62.42	0.95	1	1	4.484493
HS15_str_inv	BOBJ1	118.84	Before	Interior Girder 5	62.42	0.95	1	1	5.293297
HS15_str_inv	BOBJ1	118.84	Before	Interior Girder 6	62.42	0.95	1	1	5.544408
HS15_str_inv	BOBJ1	118.84	After	Interior Girder 1	62.42	0.95	1	1	5.091896
HS15_str_inv	BOBJ1	118.84	After	Interior Girder 2	62.42	0.95	1	1	4.738068
HS15_str_inv	BOBJ1	118.84	After	Interior Girder 3	62.42	0.95	1	1	3.850537
HS15_str_inv	BOBJ1	118.84	After	Interior Girder 4	62.42	0.95	1	1	3.850537
HS15_str_inv	BOBJ1	118.84	After	Interior Girder 5	62.42	0.95	1	1	4.738068
HS15_str_inv	BOBJ1	118.84	After	Interior Girder 6	62.42	0.95	1	1	5.091896
HS15_str_inv	BOBJ1	123.84	Before	Left Exterior Girder	67.42	0.95	1	1	7.432896
HS15_str_inv	BOBJ1	123.84	Before	Interior Girder 1	67.42	0.95	1	1	5.012214
HS15_str_inv	BOBJ1	123.84	Before	Interior Girder 2	67.42	0.95	1	1	4.664739
HS15_str_inv	BOBJ1	123.84	Before	Interior Girder 3	67.42	0.95	1	1	3.789451
HS15_str_inv	BOBJ1	123.84	Before	Interior Girder 4	67.42	0.95	1	1	3.789451

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Approach, Span 7-11									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
HS15_str_inv	BOBJ1	123.84	Before	Interior Girder 5	67.42	0.95	1	1	4.664739
HS15_str_inv	BOBJ1	123.84	Before	Interior Girder 6	67.42	0.95	1	1	5.012214
HS15_str_inv	BOBJ1	123.84	Before	Right Exterior Girder	67.42	0.95	1	1	7.432896
HS15_str_inv	BOBJ1	123.84	After	Left Exterior Girder	0	0.95	1	1	7.359892
HS15_str_inv	BOBJ1	123.84	After	Interior Girder 1	0	0.95	1	1	4.996681
HS15_str_inv	BOBJ1	123.84	After	Interior Girder 2	0	0.95	1	1	4.654181
HS15_str_inv	BOBJ1	123.84	After	Interior Girder 3	0	0.95	1	1	3.783926
HS15_str_inv	BOBJ1	123.84	After	Interior Girder 4	0	0.95	1	1	3.783926
HS15_str_inv	BOBJ1	123.84	After	Interior Girder 5	0	0.95	1	1	4.654181
HS15_str_inv	BOBJ1	123.84	After	Interior Girder 6	0	0.95	1	1	4.996681
HS15_str_inv	BOBJ1	123.84	After	Right Exterior Girder	0	0.95	1	1	7.359892
HS15_str_inv	BOBJ1	128.84	Before	Interior Girder 1	5	0.95	1	1	5.076188
HS15_str_inv	BOBJ1	128.84	Before	Interior Girder 2	5	0.95	1	1	4.727391
HS15_str_inv	BOBJ1	128.84	Before	Interior Girder 3	5	0.95	1	1	3.844959
HS15_str_inv	BOBJ1	128.84	Before	Interior Girder 4	5	0.95	1	1	3.844959
HS15_str_inv	BOBJ1	128.84	Before	Interior Girder 5	5	0.95	1	1	4.727391
HS15_str_inv	BOBJ1	128.84	Before	Interior Girder 6	5	0.95	1	1	5.076188
HS15_str_inv	BOBJ1	128.84	After	Interior Girder 1	5	0.95	1	1	5.520939
HS15_str_inv	BOBJ1	128.84	After	Interior Girder 2	5	0.95	1	1	5.27759
HS15_str_inv	BOBJ1	128.84	After	Interior Girder 3	5	0.95	1	1	4.474905
HS15_str_inv	BOBJ1	128.84	After	Interior Girder 4	5	0.95	1	1	4.474905
HS15_str_inv	BOBJ1	128.84	After	Interior Girder 5	5	0.95	1	1	5.27759
HS15_str_inv	BOBJ1	128.84	After	Interior Girder 6	5	0.95	1	1	5.520939
HS15_str_inv	BOBJ1	131.34	Before	Left Exterior Girder	7.5	0.95	1	1	5.065026
HS15_str_inv	BOBJ1	131.34	Before	Right Exterior Girder	7.5	0.95	1	1	5.065026
HS15_str_inv	BOBJ1	131.34	After	Left Exterior Girder	7.5	0.95	1	1	5.582697
HS15_str_inv	BOBJ1	131.34	After	Right Exterior Girder	7.5	0.95	1	1	5.582697
HS15_str_inv	BOBJ1	132.265	Before	Left Exterior Girder	8.425	0.95	1	1	5.59485
HS15_str_inv	BOBJ1	132.265	Before	Interior Girder 1	8.425	0.95	1	1	6.925182
HS15_str_inv	BOBJ1	132.265	Before	Interior Girder 2	8.425	0.95	1	1	5.331022
HS15_str_inv	BOBJ1	132.265	Before	Interior Girder 3	8.425	0.95	1	1	4.521149
HS15_str_inv	BOBJ1	132.265	Before	Interior Girder 4	8.425	0.95	1	1	4.521149
HS15_str_inv	BOBJ1	132.265	Before	Interior Girder 5	8.425	0.95	1	1	5.331022
HS15_str_inv	BOBJ1	132.265	Before	Interior Girder 6	8.425	0.95	1	1	6.925182
HS15_str_inv	BOBJ1	132.265	Before	Right Exterior Girder	8.425	0.95	1	1	5.59485
HS15_str_inv	BOBJ1	132.265	After	Left Exterior Girder	8.425	0.95	1	1	8.490374
HS15_str_inv	BOBJ1	132.265	After	Interior Girder 1	8.425	0.95	1	1	7.964313
HS15_str_inv	BOBJ1	132.265	After	Interior Girder 2	8.425	0.95	1	1	7.367884
HS15_str_inv	BOBJ1	132.265	After	Interior Girder 3	8.425	0.95	1	1	6.819966
HS15_str_inv	BOBJ1	132.265	After	Interior Girder 4	8.425	0.95	1	1	6.819966
HS15_str_inv	BOBJ1	132.265	After	Interior Girder 5	8.425	0.95	1	1	7.367884
HS15_str_inv	BOBJ1	132.265	After	Interior Girder 6	8.425	0.95	1	1	7.964313
HS15_str_inv	BOBJ1	132.265	After	Right Exterior Girder	8.425	0.95	1	1	8.490374
HS15_str_inv	BOBJ1	140.69	Before	Left Exterior Girder	16.85	0.95	1	1	8.64635
HS15_str_inv	BOBJ1	140.69	Before	Interior Girder 1	16.85	0.95	1	1	8.162174
HS15_str_inv	BOBJ1	140.69	Before	Interior Girder 2	16.85	0.95	1	1	7.548751
HS15_str_inv	BOBJ1	140.69	Before	Interior Girder 3	16.85	0.95	1	1	6.990091
HS15_str_inv	BOBJ1	140.69	Before	Interior Girder 4	16.85	0.95	1	1	6.990091
HS15_str_inv	BOBJ1	140.69	Before	Interior Girder 5	16.85	0.95	1	1	7.548751
HS15_str_inv	BOBJ1	140.69	Before	Interior Girder 6	16.85	0.95	1	1	8.162174
HS15_str_inv	BOBJ1	140.69	Before	Right Exterior Girder	16.85	0.95	1	1	8.64635
HS15_str_inv	BOBJ1	140.69	After	Left Exterior Girder	16.85	0.95	1	1	13.842932
HS15_str_inv	BOBJ1	140.69	After	Interior Girder 1	16.85	0.95	1	1	8.995671
HS15_str_inv	BOBJ1	140.69	After	Interior Girder 2	16.85	0.95	1	1	8.398588
HS15_str_inv	BOBJ1	140.69	After	Interior Girder 3	16.85	0.95	1	1	7.530881
HS15_str_inv	BOBJ1	140.69	After	Interior Girder 4	16.85	0.95	1	1	7.530881
HS15_str_inv	BOBJ1	140.69	After	Interior Girder 5	16.85	0.95	1	1	8.398588
HS15_str_inv	BOBJ1	140.69	After	Interior Girder 6	16.85	0.95	1	1	8.995671
HS15_str_inv	BOBJ1	140.69	After	Right Exterior Girder	16.85	0.95	1	1	13.842932
HS15_str_inv	BOBJ1	149.115	Before	Left Exterior Girder	25.275	0.95	1	1	14.083962
HS15_str_inv	BOBJ1	149.115	Before	Interior Girder 1	25.275	0.95	1	1	9.211327
HS15_str_inv	BOBJ1	149.115	Before	Interior Girder 2	25.275	0.95	1	1	8.599479
HS15_str_inv	BOBJ1	149.115	Before	Interior Girder 3	25.275	0.95	1	1	7.71084
HS15_str_inv	BOBJ1	149.115	Before	Interior Girder 4	25.275	0.95	1	1	7.71084
HS15_str_inv	BOBJ1	149.115	Before	Interior Girder 5	25.275	0.95	1	1	8.599479

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Approach, Span 7-11									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
HS15_str_inv	BOBJ1	149.115	Before	Interior Girder 6	25.275	0.95	1	1	9.211327
HS15_str_inv	BOBJ1	149.115	Before	Right Exterior Girder	25.275	0.95	1	1	14.083962
HS15_str_inv	BOBJ1	149.115	After	Left Exterior Girder	25.275	0.95	1	1	18.362036
HS15_str_inv	BOBJ1	149.115	After	Interior Girder 1	25.275	0.95	1	1	14.579296
HS15_str_inv	BOBJ1	149.115	After	Interior Girder 2	25.275	0.95	1	1	13.21085
HS15_str_inv	BOBJ1	149.115	After	Interior Girder 3	25.275	0.95	1	1	11.738159
HS15_str_inv	BOBJ1	149.115	After	Interior Girder 4	25.275	0.95	1	1	11.738159
HS15_str_inv	BOBJ1	149.115	After	Interior Girder 5	25.275	0.95	1	1	13.21085
HS15_str_inv	BOBJ1	149.115	After	Interior Girder 6	25.275	0.95	1	1	14.579296
HS15_str_inv	BOBJ1	149.115	After	Right Exterior Girder	25.275	0.95	1	1	18.362036
HS15_str_inv	BOBJ1	157.54	Before	Left Exterior Girder	33.7	0.95	1	1	18.666052
HS15_str_inv	BOBJ1	157.54	Before	Interior Girder 1	33.7	0.95	1	1	14.918282
HS15_str_inv	BOBJ1	157.54	Before	Interior Girder 2	33.7	0.95	1	1	13.516661
HS15_str_inv	BOBJ1	157.54	Before	Interior Girder 3	33.7	0.95	1	1	11.480876
HS15_str_inv	BOBJ1	157.54	Before	Interior Girder 4	33.7	0.95	1	1	11.480876
HS15_str_inv	BOBJ1	157.54	Before	Interior Girder 5	33.7	0.95	1	1	13.516661
HS15_str_inv	BOBJ1	157.54	Before	Interior Girder 6	33.7	0.95	1	1	14.918282
HS15_str_inv	BOBJ1	157.54	Before	Right Exterior Girder	33.7	0.95	1	1	18.666052
HS15_str_inv	BOBJ1	157.54	After	Left Exterior Girder	33.7	0.95	1	1	18.694671
HS15_str_inv	BOBJ1	157.54	After	Interior Girder 1	33.7	0.95	1	1	14.928943
HS15_str_inv	BOBJ1	157.54	After	Interior Girder 2	33.7	0.95	1	1	13.525879
HS15_str_inv	BOBJ1	157.54	After	Interior Girder 3	33.7	0.95	1	1	11.474081
HS15_str_inv	BOBJ1	157.54	After	Interior Girder 4	33.7	0.95	1	1	11.474081
HS15_str_inv	BOBJ1	157.54	After	Interior Girder 5	33.7	0.95	1	1	13.525879
HS15_str_inv	BOBJ1	157.54	After	Interior Girder 6	33.7	0.95	1	1	14.928943
HS15_str_inv	BOBJ1	157.54	After	Right Exterior Girder	33.7	0.95	1	1	18.694671
HS15_str_inv	BOBJ1	165.965	Before	Left Exterior Girder	42.125	0.95	1	1	18.390212
HS15_str_inv	BOBJ1	165.965	Before	Interior Girder 1	42.125	0.95	1	1	14.589722
HS15_str_inv	BOBJ1	165.965	Before	Interior Girder 2	42.125	0.95	1	1	13.219866
HS15_str_inv	BOBJ1	165.965	Before	Interior Girder 3	42.125	0.95	1	1	11.731223
HS15_str_inv	BOBJ1	165.965	Before	Interior Girder 4	42.125	0.95	1	1	11.731223
HS15_str_inv	BOBJ1	165.965	Before	Interior Girder 5	42.125	0.95	1	1	13.219866
HS15_str_inv	BOBJ1	165.965	Before	Interior Girder 6	42.125	0.95	1	1	14.589722
HS15_str_inv	BOBJ1	165.965	Before	Right Exterior Girder	42.125	0.95	1	1	18.390212
HS15_str_inv	BOBJ1	165.965	After	Left Exterior Girder	42.125	0.95	1	1	14.099675
HS15_str_inv	BOBJ1	165.965	After	Interior Girder 1	42.125	0.95	1	1	9.21569
HS15_str_inv	BOBJ1	165.965	After	Interior Girder 2	42.125	0.95	1	1	8.603444
HS15_str_inv	BOBJ1	165.965	After	Interior Girder 3	42.125	0.95	1	1	7.71432
HS15_str_inv	BOBJ1	165.965	After	Interior Girder 4	42.125	0.95	1	1	7.71432
HS15_str_inv	BOBJ1	165.965	After	Interior Girder 5	42.125	0.95	1	1	8.603444
HS15_str_inv	BOBJ1	165.965	After	Interior Girder 6	42.125	0.95	1	1	9.21569
HS15_str_inv	BOBJ1	165.965	After	Right Exterior Girder	42.125	0.95	1	1	14.099675
HS15_str_inv	BOBJ1	174.39	Before	Left Exterior Girder	50.55	0.95	1	1	13.858396
HS15_str_inv	BOBJ1	174.39	Before	Interior Girder 1	50.55	0.95	1	1	8.999936
HS15_str_inv	BOBJ1	174.39	Before	Interior Girder 2	50.55	0.95	1	1	8.402464
HS15_str_inv	BOBJ1	174.39	Before	Interior Girder 3	50.55	0.95	1	1	7.534289
HS15_str_inv	BOBJ1	174.39	Before	Interior Girder 4	50.55	0.95	1	1	7.534289
HS15_str_inv	BOBJ1	174.39	Before	Interior Girder 5	50.55	0.95	1	1	8.402464
HS15_str_inv	BOBJ1	174.39	Before	Interior Girder 6	50.55	0.95	1	1	8.999936
HS15_str_inv	BOBJ1	174.39	Before	Right Exterior Girder	50.55	0.95	1	1	13.858396
HS15_str_inv	BOBJ1	174.39	After	Left Exterior Girder	50.55	0.95	1	1	8.654026
HS15_str_inv	BOBJ1	174.39	After	Interior Girder 1	50.55	0.95	1	1	8.165724
HS15_str_inv	BOBJ1	174.39	After	Interior Girder 2	50.55	0.95	1	1	7.550461
HS15_str_inv	BOBJ1	174.39	After	Interior Girder 3	50.55	0.95	1	1	6.996803
HS15_str_inv	BOBJ1	174.39	After	Interior Girder 4	50.55	0.95	1	1	6.996803
HS15_str_inv	BOBJ1	174.39	After	Interior Girder 5	50.55	0.95	1	1	7.550461
HS15_str_inv	BOBJ1	174.39	After	Interior Girder 6	50.55	0.95	1	1	8.165724
HS15_str_inv	BOBJ1	174.39	After	Right Exterior Girder	50.55	0.95	1	1	8.654026
HS15_str_inv	BOBJ1	182.825	Before	Left Exterior Girder	58.985	0.95	1	1	8.497744
HS15_str_inv	BOBJ1	182.825	Before	Interior Girder 1	58.985	0.95	1	1	7.967532
HS15_str_inv	BOBJ1	182.825	Before	Interior Girder 2	58.985	0.95	1	1	7.36933
HS15_str_inv	BOBJ1	182.825	Before	Interior Girder 3	58.985	0.95	1	1	6.826332
HS15_str_inv	BOBJ1	182.825	Before	Interior Girder 4	58.985	0.95	1	1	6.826332
HS15_str_inv	BOBJ1	182.825	Before	Interior Girder 5	58.985	0.95	1	1	7.36933
HS15_str_inv	BOBJ1	182.825	Before	Interior Girder 6	58.985	0.95	1	1	7.967532

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Approach, Span 7-11									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
HS15_str_inv	BOBJ1	182.825	Before	Right Exterior Girder	58.985	0.95	1	1	8.497744
HS15_str_inv	BOBJ1	182.825	After	Left Exterior Girder	58.985	0.95	1	1	5.616956
HS15_str_inv	BOBJ1	182.825	After	Interior Girder 1	58.985	0.95	1	1	6.908834
HS15_str_inv	BOBJ1	182.825	After	Interior Girder 2	58.985	0.95	1	1	5.329567
HS15_str_inv	BOBJ1	182.825	After	Interior Girder 3	58.985	0.95	1	1	4.52286
HS15_str_inv	BOBJ1	182.825	After	Interior Girder 4	58.985	0.95	1	1	4.52286
HS15_str_inv	BOBJ1	182.825	After	Interior Girder 5	58.985	0.95	1	1	5.329567
HS15_str_inv	BOBJ1	182.825	After	Interior Girder 6	58.985	0.95	1	1	6.908834
HS15_str_inv	BOBJ1	182.825	After	Right Exterior Girder	58.985	0.95	1	1	5.616956
HS15_str_inv	BOBJ1	183.76	Before	Left Exterior Girder	59.92	0.95	1	1	5.60463
HS15_str_inv	BOBJ1	183.76	Before	Right Exterior Girder	59.92	0.95	1	1	5.60463
HS15_str_inv	BOBJ1	183.76	After	Left Exterior Girder	59.92	0.95	1	1	5.080196
HS15_str_inv	BOBJ1	183.76	After	Right Exterior Girder	59.92	0.95	1	1	5.080196
HS15_str_inv	BOBJ1	186.26	Before	Interior Girder 1	62.42	0.95	1	1	5.520564
HS15_str_inv	BOBJ1	186.26	Before	Interior Girder 2	62.42	0.95	1	1	5.275988
HS15_str_inv	BOBJ1	186.26	Before	Interior Girder 3	62.42	0.95	1	1	4.476468
HS15_str_inv	BOBJ1	186.26	Before	Interior Girder 4	62.42	0.95	1	1	4.476468
HS15_str_inv	BOBJ1	186.26	Before	Interior Girder 5	62.42	0.95	1	1	5.275988
HS15_str_inv	BOBJ1	186.26	Before	Interior Girder 6	62.42	0.95	1	1	5.520564
HS15_str_inv	BOBJ1	186.26	After	Interior Girder 1	62.42	0.95	1	1	5.073843
HS15_str_inv	BOBJ1	186.26	After	Interior Girder 2	62.42	0.95	1	1	4.724916
HS15_str_inv	BOBJ1	186.26	After	Interior Girder 3	62.42	0.95	1	1	3.844883
HS15_str_inv	BOBJ1	186.26	After	Interior Girder 4	62.42	0.95	1	1	3.844883
HS15_str_inv	BOBJ1	186.26	After	Interior Girder 5	62.42	0.95	1	1	4.724916
HS15_str_inv	BOBJ1	186.26	After	Interior Girder 6	62.42	0.95	1	1	5.073843
HS15_str_inv	BOBJ1	191.26	Before	Left Exterior Girder	67.42	0.95	1	1	7.363813
HS15_str_inv	BOBJ1	191.26	Before	Interior Girder 1	67.42	0.95	1	1	4.994363
HS15_str_inv	BOBJ1	191.26	Before	Interior Girder 2	67.42	0.95	1	1	4.651735
HS15_str_inv	BOBJ1	191.26	Before	Interior Girder 3	67.42	0.95	1	1	3.783854
HS15_str_inv	BOBJ1	191.26	Before	Interior Girder 4	67.42	0.95	1	1	3.783854
HS15_str_inv	BOBJ1	191.26	Before	Interior Girder 5	67.42	0.95	1	1	4.651735
HS15_str_inv	BOBJ1	191.26	Before	Interior Girder 6	67.42	0.95	1	1	4.994363
HS15_str_inv	BOBJ1	191.26	Before	Right Exterior Girder	67.42	0.95	1	1	7.363813
HS15_str_inv	BOBJ1	191.26	After	Left Exterior Girder	0	0.95	1	1	7.426752
HS15_str_inv	BOBJ1	191.26	After	Interior Girder 1	0	0.95	1	1	5.013677
HS15_str_inv	BOBJ1	191.26	After	Interior Girder 2	0	0.95	1	1	4.666619
HS15_str_inv	BOBJ1	191.26	After	Interior Girder 3	0	0.95	1	1	3.789091
HS15_str_inv	BOBJ1	191.26	After	Interior Girder 4	0	0.95	1	1	3.789091
HS15_str_inv	BOBJ1	191.26	After	Interior Girder 5	0	0.95	1	1	4.666619
HS15_str_inv	BOBJ1	191.26	After	Interior Girder 6	0	0.95	1	1	5.013677
HS15_str_inv	BOBJ1	191.26	After	Right Exterior Girder	0	0.95	1	1	7.426752
HS15_str_inv	BOBJ1	196.26	Before	Interior Girder 1	5	0.95	1	1	5.093386
HS15_str_inv	BOBJ1	196.26	Before	Interior Girder 2	5	0.95	1	1	4.739977
HS15_str_inv	BOBJ1	196.26	Before	Interior Girder 3	5	0.95	1	1	3.850182
HS15_str_inv	BOBJ1	196.26	Before	Interior Girder 4	5	0.95	1	1	3.850182
HS15_str_inv	BOBJ1	196.26	Before	Interior Girder 5	5	0.95	1	1	4.739977
HS15_str_inv	BOBJ1	196.26	Before	Interior Girder 6	5	0.95	1	1	5.093386
HS15_str_inv	BOBJ1	196.26	After	Interior Girder 1	5	0.95	1	1	5.543838
HS15_str_inv	BOBJ1	196.26	After	Interior Girder 2	5	0.95	1	1	5.294253
HS15_str_inv	BOBJ1	196.26	After	Interior Girder 3	5	0.95	1	1	4.482433
HS15_str_inv	BOBJ1	196.26	After	Interior Girder 4	5	0.95	1	1	4.482433
HS15_str_inv	BOBJ1	196.26	After	Interior Girder 5	5	0.95	1	1	5.294253
HS15_str_inv	BOBJ1	196.26	After	Interior Girder 6	5	0.95	1	1	5.543838
HS15_str_inv	BOBJ1	198.76	Before	Left Exterior Girder	7.5	0.95	1	1	5.097799
HS15_str_inv	BOBJ1	198.76	Before	Right Exterior Girder	7.5	0.95	1	1	5.097799
HS15_str_inv	BOBJ1	198.76	After	Left Exterior Girder	7.5	0.95	1	1	5.630994
HS15_str_inv	BOBJ1	198.76	After	Right Exterior Girder	7.5	0.95	1	1	5.630994
HS15_str_inv	BOBJ1	199.685	Before	Left Exterior Girder	8.425	0.95	1	1	5.643246
HS15_str_inv	BOBJ1	199.685	Before	Interior Girder 1	8.425	0.95	1	1	6.952847
HS15_str_inv	BOBJ1	199.685	Before	Interior Girder 2	8.425	0.95	1	1	5.347818
HS15_str_inv	BOBJ1	199.685	Before	Interior Girder 3	8.425	0.95	1	1	4.528736
HS15_str_inv	BOBJ1	199.685	Before	Interior Girder 4	8.425	0.95	1	1	4.528736
HS15_str_inv	BOBJ1	199.685	Before	Interior Girder 5	8.425	0.95	1	1	5.347818
HS15_str_inv	BOBJ1	199.685	Before	Interior Girder 6	8.425	0.95	1	1	6.952847
HS15_str_inv	BOBJ1	199.685	Before	Right Exterior Girder	8.425	0.95	1	1	5.643246

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Approach, Span 7-11									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
HS15_str_inv	BOBJ1	199.685	After	Left Exterior Girder	8.425	0.95	1	1	8.585401
HS15_str_inv	BOBJ1	199.685	After	Interior Girder 1	8.425	0.95	1	1	8.02206
HS15_str_inv	BOBJ1	199.685	After	Interior Girder 2	8.425	0.95	1	1	7.403474
HS15_str_inv	BOBJ1	199.685	After	Interior Girder 3	8.425	0.95	1	1	6.844315
HS15_str_inv	BOBJ1	199.685	After	Interior Girder 4	8.425	0.95	1	1	6.844315
HS15_str_inv	BOBJ1	199.685	After	Interior Girder 5	8.425	0.95	1	1	7.403474
HS15_str_inv	BOBJ1	199.685	After	Interior Girder 6	8.425	0.95	1	1	8.02206
HS15_str_inv	BOBJ1	199.685	After	Right Exterior Girder	8.425	0.95	1	1	8.585401
HS15_str_inv	BOBJ1	208.11	Before	Left Exterior Girder	16.85	0.95	1	1	8.74302
HS15_str_inv	BOBJ1	208.11	Before	Interior Girder 1	16.85	0.95	1	1	8.221191
HS15_str_inv	BOBJ1	208.11	Before	Interior Girder 2	16.85	0.95	1	1	7.5851
HS15_str_inv	BOBJ1	208.11	Before	Interior Girder 3	16.85	0.95	1	1	7.014981
HS15_str_inv	BOBJ1	208.11	Before	Interior Girder 4	16.85	0.95	1	1	7.014981
HS15_str_inv	BOBJ1	208.11	Before	Interior Girder 5	16.85	0.95	1	1	7.5851
HS15_str_inv	BOBJ1	208.11	Before	Interior Girder 6	16.85	0.95	1	1	8.221191
HS15_str_inv	BOBJ1	208.11	Before	Right Exterior Girder	16.85	0.95	1	1	8.74302
HS15_str_inv	BOBJ1	208.11	After	Left Exterior Girder	16.85	0.95	1	1	14.046645
HS15_str_inv	BOBJ1	208.11	After	Interior Girder 1	16.85	0.95	1	1	9.081908
HS15_str_inv	BOBJ1	208.11	After	Interior Girder 2	16.85	0.95	1	1	8.45335
HS15_str_inv	BOBJ1	208.11	After	Interior Girder 3	16.85	0.95	1	1	7.553583
HS15_str_inv	BOBJ1	208.11	After	Interior Girder 4	16.85	0.95	1	1	7.553583
HS15_str_inv	BOBJ1	208.11	After	Interior Girder 5	16.85	0.95	1	1	8.45335
HS15_str_inv	BOBJ1	208.11	After	Interior Girder 6	16.85	0.95	1	1	9.081908
HS15_str_inv	BOBJ1	208.11	After	Right Exterior Girder	16.85	0.95	1	1	14.046645
HS15_str_inv	BOBJ1	216.535	Before	Left Exterior Girder	25.275	0.95	1	1	14.291005
HS15_str_inv	BOBJ1	216.535	Before	Interior Girder 1	25.275	0.95	1	1	9.299454
HS15_str_inv	BOBJ1	216.535	Before	Interior Girder 2	25.275	0.95	1	1	8.65545
HS15_str_inv	BOBJ1	216.535	Before	Interior Girder 3	25.275	0.95	1	1	7.734045
HS15_str_inv	BOBJ1	216.535	Before	Interior Girder 4	25.275	0.95	1	1	7.734045
HS15_str_inv	BOBJ1	216.535	Before	Interior Girder 5	25.275	0.95	1	1	8.65545
HS15_str_inv	BOBJ1	216.535	Before	Interior Girder 6	25.275	0.95	1	1	9.299454
HS15_str_inv	BOBJ1	216.535	Before	Right Exterior Girder	25.275	0.95	1	1	14.291005
HS15_str_inv	BOBJ1	216.535	After	Left Exterior Girder	25.275	0.95	1	1	18.782051
HS15_str_inv	BOBJ1	216.535	After	Interior Girder 1	25.275	0.95	1	1	14.761254
HS15_str_inv	BOBJ1	216.535	After	Interior Girder 2	25.275	0.95	1	1	13.312267
HS15_str_inv	BOBJ1	216.535	After	Interior Girder 3	25.275	0.95	1	1	11.701815
HS15_str_inv	BOBJ1	216.535	After	Interior Girder 4	25.275	0.95	1	1	11.701815
HS15_str_inv	BOBJ1	216.535	After	Interior Girder 5	25.275	0.95	1	1	13.312267
HS15_str_inv	BOBJ1	216.535	After	Interior Girder 6	25.275	0.95	1	1	14.761254
HS15_str_inv	BOBJ1	216.535	After	Right Exterior Girder	25.275	0.95	1	1	18.782051
HS15_str_inv	BOBJ1	224.96	Before	Left Exterior Girder	33.7	0.95	1	1	19.092753
HS15_str_inv	BOBJ1	224.96	Before	Interior Girder 1	33.7	0.95	1	1	15.104198
HS15_str_inv	BOBJ1	224.96	Before	Interior Girder 2	33.7	0.95	1	1	13.512351
HS15_str_inv	BOBJ1	224.96	Before	Interior Girder 3	33.7	0.95	1	1	11.445281
HS15_str_inv	BOBJ1	224.96	Before	Interior Girder 4	33.7	0.95	1	1	11.445281
HS15_str_inv	BOBJ1	224.96	Before	Interior Girder 5	33.7	0.95	1	1	13.512351
HS15_str_inv	BOBJ1	224.96	Before	Interior Girder 6	33.7	0.95	1	1	15.104198
HS15_str_inv	BOBJ1	224.96	Before	Right Exterior Girder	33.7	0.95	1	1	19.092753
HS15_str_inv	BOBJ1	224.96	After	Left Exterior Girder	33.7	0.95	1	1	18.257812
HS15_str_inv	BOBJ1	224.96	After	Interior Girder 1	33.7	0.95	1	1	14.787322
HS15_str_inv	BOBJ1	224.96	After	Interior Girder 2	33.7	0.95	1	1	13.423782
HS15_str_inv	BOBJ1	224.96	After	Interior Girder 3	33.7	0.95	1	1	11.591707
HS15_str_inv	BOBJ1	224.96	After	Interior Girder 4	33.7	0.95	1	1	11.591707
HS15_str_inv	BOBJ1	224.96	After	Interior Girder 5	33.7	0.95	1	1	13.423782
HS15_str_inv	BOBJ1	224.96	After	Interior Girder 6	33.7	0.95	1	1	14.787322
HS15_str_inv	BOBJ1	224.96	After	Right Exterior Girder	33.7	0.95	1	1	18.257812
HS15_str_inv	BOBJ1	233.385	Before	Left Exterior Girder	42.125	0.95	1	1	17.959973
HS15_str_inv	BOBJ1	233.385	Before	Interior Girder 1	42.125	0.95	1	1	14.451227
HS15_str_inv	BOBJ1	233.385	Before	Interior Girder 2	42.125	0.95	1	1	13.120063
HS15_str_inv	BOBJ1	233.385	Before	Interior Girder 3	42.125	0.95	1	1	11.851409
HS15_str_inv	BOBJ1	233.385	Before	Interior Girder 4	42.125	0.95	1	1	11.851409
HS15_str_inv	BOBJ1	233.385	Before	Interior Girder 5	42.125	0.95	1	1	13.120063
HS15_str_inv	BOBJ1	233.385	Before	Interior Girder 6	42.125	0.95	1	1	14.451227
HS15_str_inv	BOBJ1	233.385	Before	Right Exterior Girder	42.125	0.95	1	1	17.959973
HS15_str_inv	BOBJ1	233.385	After	Left Exterior Girder	42.125	0.95	1	1	13.842977

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Approach, Span 7-11									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
HS15_str_inv	BOBJ1	233.385	After	Interior Girder 1	42.125	0.95	1	1	9.149855
HS15_str_inv	BOBJ1	233.385	After	Interior Girder 2	42.125	0.95	1	1	8.55574
HS15_str_inv	BOBJ1	233.385	After	Interior Girder 3	42.125	0.95	1	1	7.677505
HS15_str_inv	BOBJ1	233.385	After	Interior Girder 4	42.125	0.95	1	1	7.677505
HS15_str_inv	BOBJ1	233.385	After	Interior Girder 5	42.125	0.95	1	1	8.55574
HS15_str_inv	BOBJ1	233.385	After	Interior Girder 6	42.125	0.95	1	1	9.149855
HS15_str_inv	BOBJ1	233.385	After	Right Exterior Girder	42.125	0.95	1	1	13.842977
HS15_str_inv	BOBJ1	241.81	Before	Left Exterior Girder	50.55	0.95	1	1	13.605656
HS15_str_inv	BOBJ1	241.81	Before	Interior Girder 1	50.55	0.95	1	1	8.935599
HS15_str_inv	BOBJ1	241.81	Before	Interior Girder 2	50.55	0.95	1	1	8.35587
HS15_str_inv	BOBJ1	241.81	Before	Interior Girder 3	50.55	0.95	1	1	7.498274
HS15_str_inv	BOBJ1	241.81	Before	Interior Girder 4	50.55	0.95	1	1	7.498274
HS15_str_inv	BOBJ1	241.81	Before	Interior Girder 5	50.55	0.95	1	1	8.35587
HS15_str_inv	BOBJ1	241.81	Before	Interior Girder 6	50.55	0.95	1	1	8.935599
HS15_str_inv	BOBJ1	241.81	Before	Right Exterior Girder	50.55	0.95	1	1	13.605656
HS15_str_inv	BOBJ1	241.81	After	Left Exterior Girder	50.55	0.95	1	1	8.699749
HS15_str_inv	BOBJ1	241.81	After	Interior Girder 1	50.55	0.95	1	1	8.062391
HS15_str_inv	BOBJ1	241.81	After	Interior Girder 2	50.55	0.95	1	1	7.404672
HS15_str_inv	BOBJ1	241.81	After	Interior Girder 3	50.55	0.95	1	1	6.80646
HS15_str_inv	BOBJ1	241.81	After	Interior Girder 4	50.55	0.95	1	1	6.80646
HS15_str_inv	BOBJ1	241.81	After	Interior Girder 5	50.55	0.95	1	1	7.404672
HS15_str_inv	BOBJ1	241.81	After	Interior Girder 6	50.55	0.95	1	1	8.062391
HS15_str_inv	BOBJ1	241.81	After	Right Exterior Girder	50.55	0.95	1	1	8.699749
HS15_str_inv	BOBJ1	245.18	Before	Left Exterior Girder	53.92	0.95	1	1	8.637404
HS15_str_inv	BOBJ1	245.18	Before	Interior Girder 1	53.92	0.95	1	1	7.984507
HS15_str_inv	BOBJ1	245.18	Before	Interior Girder 2	53.92	0.95	1	1	7.333902
HS15_str_inv	BOBJ1	245.18	Before	Interior Girder 3	53.92	0.95	1	1	6.740368
HS15_str_inv	BOBJ1	245.18	Before	Interior Girder 4	53.92	0.95	1	1	6.740368
HS15_str_inv	BOBJ1	245.18	Before	Interior Girder 5	53.92	0.95	1	1	7.333902
HS15_str_inv	BOBJ1	245.18	Before	Interior Girder 6	53.92	0.95	1	1	7.984507
HS15_str_inv	BOBJ1	245.18	Before	Right Exterior Girder	53.92	0.95	1	1	8.637404
HS15_str_inv	BOBJ1	245.18	After	Left Exterior Girder	53.92	0.95	1	1	9.103416
HS15_str_inv	BOBJ1	245.18	After	Interior Girder 1	53.92	0.95	1	1	7.360448
HS15_str_inv	BOBJ1	245.18	After	Interior Girder 2	53.92	0.95	1	1	6.804556
HS15_str_inv	BOBJ1	245.18	After	Interior Girder 3	53.92	0.95	1	1	6.123992
HS15_str_inv	BOBJ1	245.18	After	Interior Girder 4	53.92	0.95	1	1	6.123992
HS15_str_inv	BOBJ1	245.18	After	Interior Girder 5	53.92	0.95	1	1	6.804556
HS15_str_inv	BOBJ1	245.18	After	Interior Girder 6	53.92	0.95	1	1	7.360448
HS15_str_inv	BOBJ1	245.18	After	Right Exterior Girder	53.92	0.95	1	1	9.103416
HS15_str_inv	BOBJ1	250.245	Before	Left Exterior Girder	58.985	0.95	1	1	9.01133
HS15_str_inv	BOBJ1	250.245	Before	Interior Girder 1	58.985	0.95	1	1	7.2561
HS15_str_inv	BOBJ1	250.245	Before	Interior Girder 2	58.985	0.95	1	1	6.709041
HS15_str_inv	BOBJ1	250.245	Before	Interior Girder 3	58.985	0.95	1	1	6.036581
HS15_str_inv	BOBJ1	250.245	Before	Interior Girder 4	58.985	0.95	1	1	6.036581
HS15_str_inv	BOBJ1	250.245	Before	Interior Girder 5	58.985	0.95	1	1	6.709041
HS15_str_inv	BOBJ1	250.245	Before	Interior Girder 6	58.985	0.95	1	1	7.2561
HS15_str_inv	BOBJ1	250.245	Before	Right Exterior Girder	58.985	0.95	1	1	9.01133
HS15_str_inv	BOBJ1	250.245	After	Left Exterior Girder	58.985	0.95	1	1	7.507929
HS15_str_inv	BOBJ1	250.245	After	Interior Girder 1	58.985	0.95	1	1	6.359013
HS15_str_inv	BOBJ1	250.245	After	Interior Girder 2	58.985	0.95	1	1	5.574843
HS15_str_inv	BOBJ1	250.245	After	Interior Girder 3	58.985	0.95	1	1	4.740022
HS15_str_inv	BOBJ1	250.245	After	Interior Girder 4	58.985	0.95	1	1	4.740022
HS15_str_inv	BOBJ1	250.245	After	Interior Girder 5	58.985	0.95	1	1	5.574843
HS15_str_inv	BOBJ1	250.245	After	Interior Girder 6	58.985	0.95	1	1	6.359013
HS15_str_inv	BOBJ1	250.245	After	Right Exterior Girder	58.985	0.95	1	1	7.507929
HS15_str_inv	BOBJ1	251.68	Before	Left Exterior Girder	60.42	0.95	1	1	7.485503
HS15_str_inv	BOBJ1	251.68	Before	Right Exterior Girder	60.42	0.95	1	1	7.485503
HS15_str_inv	BOBJ1	251.68	After	Left Exterior Girder	60.42	0.95	1	1	6.830232
HS15_str_inv	BOBJ1	251.68	After	Right Exterior Girder	60.42	0.95	1	1	6.830232
HS15_str_inv	BOBJ1	254.18	Before	Interior Girder 1	62.92	0.95	1	1	5.770227
HS15_str_inv	BOBJ1	254.18	Before	Interior Girder 2	62.92	0.95	1	1	5.512975
HS15_str_inv	BOBJ1	254.18	Before	Interior Girder 3	62.92	0.95	1	1	4.686366
HS15_str_inv	BOBJ1	254.18	Before	Interior Girder 4	62.92	0.95	1	1	4.686366
HS15_str_inv	BOBJ1	254.18	Before	Interior Girder 5	62.92	0.95	1	1	5.512975
HS15_str_inv	BOBJ1	254.18	Before	Interior Girder 6	62.92	0.95	1	1	5.770227

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Approach, Span 7-11									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
HS15_str_inv	BOBJ1	254.18	After	Interior Girder 1	62.92	0.95	1	1	5.254198
HS15_str_inv	BOBJ1	254.18	After	Interior Girder 2	62.92	0.95	1	1	4.89539
HS15_str_inv	BOBJ1	254.18	After	Interior Girder 3	62.92	0.95	1	1	3.957851
HS15_str_inv	BOBJ1	254.18	After	Interior Girder 4	62.92	0.95	1	1	3.957851
HS15_str_inv	BOBJ1	254.18	After	Interior Girder 5	62.92	0.95	1	1	4.89539
HS15_str_inv	BOBJ1	254.18	After	Interior Girder 6	62.92	0.95	1	1	5.254198
HS15_str_inv	BOBJ1	258.68	Before	Left Exterior Girder	67.42	0.95	1	1	8.318365
HS15_str_inv	BOBJ1	258.68	Before	Interior Girder 1	67.42	0.95	1	1	5.184351
HS15_str_inv	BOBJ1	258.68	Before	Interior Girder 2	67.42	0.95	1	1	4.830947
HS15_str_inv	BOBJ1	258.68	Before	Interior Girder 3	67.42	0.95	1	1	3.90446
HS15_str_inv	BOBJ1	258.68	Before	Interior Girder 4	67.42	0.95	1	1	3.90446
HS15_str_inv	BOBJ1	258.68	Before	Interior Girder 5	67.42	0.95	1	1	4.830947
HS15_str_inv	BOBJ1	258.68	Before	Interior Girder 6	67.42	0.95	1	1	5.184351
HS15_str_inv	BOBJ1	258.68	Before	Right Exterior Girder	67.42	0.95	1	1	8.318365
HS15_str_inv	BOBJ1	258.68	After	Left Exterior Girder	0	0.95	1	1	8.656371
HS15_str_inv	BOBJ1	258.68	After	Interior Girder 1	0	0.95	1	1	5.114851
HS15_str_inv	BOBJ1	258.68	After	Interior Girder 2	0	0.95	1	1	4.752547
HS15_str_inv	BOBJ1	258.68	After	Interior Girder 3	0	0.95	1	1	3.836752
HS15_str_inv	BOBJ1	258.68	After	Interior Girder 4	0	0.95	1	1	3.836752
HS15_str_inv	BOBJ1	258.68	After	Interior Girder 5	0	0.95	1	1	4.752547
HS15_str_inv	BOBJ1	258.68	After	Interior Girder 6	0	0.95	1	1	5.114851
HS15_str_inv	BOBJ1	258.68	After	Right Exterior Girder	0	0.95	1	1	8.656371
HS15_str_inv	BOBJ1	263.18	Before	Interior Girder 1	4.5	0.95	1	1	5.184153
HS15_str_inv	BOBJ1	263.18	Before	Interior Girder 2	4.5	0.95	1	1	4.816323
HS15_str_inv	BOBJ1	263.18	Before	Interior Girder 3	4.5	0.95	1	1	3.88945
HS15_str_inv	BOBJ1	263.18	Before	Interior Girder 4	4.5	0.95	1	1	3.88945
HS15_str_inv	BOBJ1	263.18	Before	Interior Girder 5	4.5	0.95	1	1	4.816323
HS15_str_inv	BOBJ1	263.18	Before	Interior Girder 6	4.5	0.95	1	1	5.184153
HS15_str_inv	BOBJ1	263.18	After	Interior Girder 1	4.5	0.95	1	1	5.902899
HS15_str_inv	BOBJ1	263.18	After	Interior Girder 2	4.5	0.95	1	1	5.591308
HS15_str_inv	BOBJ1	263.18	After	Interior Girder 3	4.5	0.95	1	1	4.762299
HS15_str_inv	BOBJ1	263.18	After	Interior Girder 4	4.5	0.95	1	1	4.762299
HS15_str_inv	BOBJ1	263.18	After	Interior Girder 5	4.5	0.95	1	1	5.591308
HS15_str_inv	BOBJ1	263.18	After	Interior Girder 6	4.5	0.95	1	1	5.902899
HS15_str_inv	BOBJ1	265.68	Before	Left Exterior Girder	7	0.95	1	1	7.305006
HS15_str_inv	BOBJ1	265.68	Before	Right Exterior Girder	7	0.95	1	1	7.305006
HS15_str_inv	BOBJ1	265.68	After	Left Exterior Girder	7	0.95	1	1	8.34181
HS15_str_inv	BOBJ1	265.68	After	Right Exterior Girder	7	0.95	1	1	8.34181
HS15_str_inv	BOBJ1	268.08	Before	Left Exterior Girder	9.4	0.95	1	1	8.38371
HS15_str_inv	BOBJ1	268.08	Before	Interior Girder 1	9.4	0.95	1	1	6.343747
HS15_str_inv	BOBJ1	268.08	Before	Interior Girder 2	9.4	0.95	1	1	5.669878
HS15_str_inv	BOBJ1	268.08	Before	Interior Girder 3	9.4	0.95	1	1	4.830438
HS15_str_inv	BOBJ1	268.08	Before	Interior Girder 4	9.4	0.95	1	1	4.830438
HS15_str_inv	BOBJ1	268.08	Before	Interior Girder 5	9.4	0.95	1	1	5.669878
HS15_str_inv	BOBJ1	268.08	Before	Interior Girder 6	9.4	0.95	1	1	6.343747
HS15_str_inv	BOBJ1	268.08	Before	Right Exterior Girder	9.4	0.95	1	1	8.38371
HS15_str_inv	BOBJ1	268.08	After	Left Exterior Girder	9.4	0.95	1	1	10.283832
HS15_str_inv	BOBJ1	268.08	After	Interior Girder 1	9.4	0.95	1	1	9.059466
HS15_str_inv	BOBJ1	268.08	After	Interior Girder 2	9.4	0.95	1	1	8.160633
HS15_str_inv	BOBJ1	268.08	After	Interior Girder 3	9.4	0.95	1	1	7.595114
HS15_str_inv	BOBJ1	268.08	After	Interior Girder 4	9.4	0.95	1	1	7.595114
HS15_str_inv	BOBJ1	268.08	After	Interior Girder 5	9.4	0.95	1	1	8.160633
HS15_str_inv	BOBJ1	268.08	After	Interior Girder 6	9.4	0.95	1	1	9.059466
HS15_str_inv	BOBJ1	268.08	After	Right Exterior Girder	9.4	0.95	1	1	10.283832
HS15_str_inv	BOBJ1	277.48	Before	Left Exterior Girder	18.8	0.95	1	1	10.477571
HS15_str_inv	BOBJ1	277.48	Before	Interior Girder 1	18.8	0.95	1	1	9.30145
HS15_str_inv	BOBJ1	277.48	Before	Interior Girder 2	18.8	0.95	1	1	8.376395
HS15_str_inv	BOBJ1	277.48	Before	Interior Girder 3	18.8	0.95	1	1	7.798658
HS15_str_inv	BOBJ1	277.48	Before	Interior Girder 4	18.8	0.95	1	1	7.798658
HS15_str_inv	BOBJ1	277.48	Before	Interior Girder 5	18.8	0.95	1	1	8.376395
HS15_str_inv	BOBJ1	277.48	Before	Interior Girder 6	18.8	0.95	1	1	9.30145
HS15_str_inv	BOBJ1	277.48	Before	Right Exterior Girder	18.8	0.95	1	1	10.477571
HS15_str_inv	BOBJ1	277.48	After	Left Exterior Girder	18.8	0.95	1	1	19.130017
HS15_str_inv	BOBJ1	277.48	After	Interior Girder 1	18.8	0.95	1	1	10.724052
HS15_str_inv	BOBJ1	277.48	After	Interior Girder 2	18.8	0.95	1	1	9.773337

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Approach, Span 7-11									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
HS15_str_inv	BOBJ1	277.48	After	Interior Girder 3	18.8	0.95	1	1	8.498734
HS15_str_inv	BOBJ1	277.48	After	Interior Girder 4	18.8	0.95	1	1	8.498734
HS15_str_inv	BOBJ1	277.48	After	Interior Girder 5	18.8	0.95	1	1	9.773337
HS15_str_inv	BOBJ1	277.48	After	Interior Girder 6	18.8	0.95	1	1	10.724052
HS15_str_inv	BOBJ1	277.48	After	Right Exterior Girder	18.8	0.95	1	1	19.130017
HS15_str_inv	BOBJ1	286.88	Before	Left Exterior Girder	28.2	0.95	1	1	19.471822
HS15_str_inv	BOBJ1	286.88	Before	Interior Girder 1	28.2	0.95	1	1	10.999721
HS15_str_inv	BOBJ1	286.88	Before	Interior Girder 2	28.2	0.95	1	1	10.024229
HS15_str_inv	BOBJ1	286.88	Before	Interior Girder 3	28.2	0.95	1	1	8.716643
HS15_str_inv	BOBJ1	286.88	Before	Interior Girder 4	28.2	0.95	1	1	8.716643
HS15_str_inv	BOBJ1	286.88	Before	Interior Girder 5	28.2	0.95	1	1	10.024229
HS15_str_inv	BOBJ1	286.88	Before	Interior Girder 6	28.2	0.95	1	1	10.999721
HS15_str_inv	BOBJ1	286.88	Before	Right Exterior Girder	28.2	0.95	1	1	19.471822
HS15_str_inv	BOBJ1	286.88	After	Left Exterior Girder	28.2	0.95	1	1	31.981261
HS15_str_inv	BOBJ1	286.88	After	Interior Girder 1	28.2	0.95	1	1	15.491681
HS15_str_inv	BOBJ1	286.88	After	Interior Girder 2	28.2	0.95	1	1	13.701866
HS15_str_inv	BOBJ1	286.88	After	Interior Girder 3	28.2	0.95	1	1	11.663154
HS15_str_inv	BOBJ1	286.88	After	Interior Girder 4	28.2	0.95	1	1	11.663154
HS15_str_inv	BOBJ1	286.88	After	Interior Girder 5	28.2	0.95	1	1	13.701866
HS15_str_inv	BOBJ1	286.88	After	Interior Girder 6	28.2	0.95	1	1	15.491681
HS15_str_inv	BOBJ1	286.88	After	Right Exterior Girder	28.2	0.95	1	1	31.981261
HS15_str_inv	BOBJ1	296.28	Before	Left Exterior Girder	37.6	0.95	1	1	32.524576
HS15_str_inv	BOBJ1	296.28	Before	Interior Girder 1	37.6	0.95	1	1	15.124086
HS15_str_inv	BOBJ1	296.28	Before	Interior Girder 2	37.6	0.95	1	1	13.375562
HS15_str_inv	BOBJ1	296.28	Before	Interior Girder 3	37.6	0.95	1	1	11.385156
HS15_str_inv	BOBJ1	296.28	Before	Interior Girder 4	37.6	0.95	1	1	11.385156
HS15_str_inv	BOBJ1	296.28	Before	Interior Girder 5	37.6	0.95	1	1	13.375562
HS15_str_inv	BOBJ1	296.28	Before	Interior Girder 6	37.6	0.95	1	1	15.124086
HS15_str_inv	BOBJ1	296.28	Before	Right Exterior Girder	37.6	0.95	1	1	32.524576
HS15_str_inv	BOBJ1	296.28	After	Left Exterior Girder	37.6	0.95	1	1	15.687674
HS15_str_inv	BOBJ1	296.28	After	Interior Girder 1	37.6	0.95	1	1	13.74543
HS15_str_inv	BOBJ1	296.28	After	Interior Girder 2	37.6	0.95	1	1	12.338449
HS15_str_inv	BOBJ1	296.28	After	Interior Girder 3	37.6	0.95	1	1	12.001313
HS15_str_inv	BOBJ1	296.28	After	Interior Girder 4	37.6	0.95	1	1	12.001313
HS15_str_inv	BOBJ1	296.28	After	Interior Girder 5	37.6	0.95	1	1	12.338449
HS15_str_inv	BOBJ1	296.28	After	Interior Girder 6	37.6	0.95	1	1	13.74543
HS15_str_inv	BOBJ1	296.28	After	Right Exterior Girder	37.6	0.95	1	1	15.687674
HS15_str_inv	BOBJ1	305.69	Before	Left Exterior Girder	47.01	0.95	1	1	15.419183
HS15_str_inv	BOBJ1	305.69	Before	Interior Girder 1	47.01	0.95	1	1	13.404648
HS15_str_inv	BOBJ1	305.69	Before	Interior Girder 2	47.01	0.95	1	1	12.03432
HS15_str_inv	BOBJ1	305.69	Before	Interior Girder 3	47.01	0.95	1	1	11.70487
HS15_str_inv	BOBJ1	305.69	Before	Interior Girder 4	47.01	0.95	1	1	11.70487
HS15_str_inv	BOBJ1	305.69	Before	Interior Girder 5	47.01	0.95	1	1	12.03432
HS15_str_inv	BOBJ1	305.69	Before	Interior Girder 6	47.01	0.95	1	1	13.404648
HS15_str_inv	BOBJ1	305.69	Before	Right Exterior Girder	47.01	0.95	1	1	15.419183
HS15_str_inv	BOBJ1	305.69	After	Left Exterior Girder	47.01	0.95	1	1	11.737513
HS15_str_inv	BOBJ1	305.69	After	Interior Girder 1	47.01	0.95	1	1	8.076744
HS15_str_inv	BOBJ1	305.69	After	Interior Girder 2	47.01	0.95	1	1	7.43624
HS15_str_inv	BOBJ1	305.69	After	Interior Girder 3	47.01	0.95	1	1	6.87147
HS15_str_inv	BOBJ1	305.69	After	Interior Girder 4	47.01	0.95	1	1	6.87147
HS15_str_inv	BOBJ1	305.69	After	Interior Girder 5	47.01	0.95	1	1	7.43624
HS15_str_inv	BOBJ1	305.69	After	Interior Girder 6	47.01	0.95	1	1	8.076744
HS15_str_inv	BOBJ1	305.69	After	Right Exterior Girder	47.01	0.95	1	1	11.737513
HS15_str_inv	BOBJ1	315.1	Before	Left Exterior Girder	56.42	0.95	1	1	11.526008
HS15_str_inv	BOBJ1	315.1	Before	Interior Girder 1	56.42	0.95	1	1	7.87001
HS15_str_inv	BOBJ1	315.1	Before	Interior Girder 2	56.42	0.95	1	1	7.246587
HS15_str_inv	BOBJ1	315.1	Before	Interior Girder 3	56.42	0.95	1	1	6.695623
HS15_str_inv	BOBJ1	315.1	Before	Interior Girder 4	56.42	0.95	1	1	6.695623
HS15_str_inv	BOBJ1	315.1	Before	Interior Girder 5	56.42	0.95	1	1	7.246587
HS15_str_inv	BOBJ1	315.1	Before	Interior Girder 6	56.42	0.95	1	1	7.87001
HS15_str_inv	BOBJ1	315.1	Before	Right Exterior Girder	56.42	0.95	1	1	11.526008
Lane_str_opr	BOBJ1	0	After	Left Exterior Girder	0	0.95	1	1	56.194426
Lane_str_opr	BOBJ1	0	After	Interior Girder 1	0	0.95	1	1	38.359288
Lane_str_opr	BOBJ1	0	After	Interior Girder 2	0	0.95	1	1	37.492938
Lane_str_opr	BOBJ1	0	After	Interior Girder 3	0	0.95	1	1	36.594234

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Approach, Span 7-11									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Lane_str_opr	BOBJ1	0	After	Interior Girder 4	0	0.95	1	1	36.594234
Lane_str_opr	BOBJ1	0	After	Interior Girder 5	0	0.95	1	1	37.492938
Lane_str_opr	BOBJ1	0	After	Interior Girder 6	0	0.95	1	1	38.359288
Lane_str_opr	BOBJ1	0	After	Right Exterior Girder	0	0.95	1	1	56.194426
Lane_str_opr	BOBJ1	9.4	Before	Left Exterior Girder	9.4	0.95	1	1	57.223199
Lane_str_opr	BOBJ1	9.4	Before	Interior Girder 1	9.4	0.95	1	1	39.366013
Lane_str_opr	BOBJ1	9.4	Before	Interior Girder 2	9.4	0.95	1	1	38.472984
Lane_str_opr	BOBJ1	9.4	Before	Interior Girder 3	9.4	0.95	1	1	37.553852
Lane_str_opr	BOBJ1	9.4	Before	Interior Girder 4	9.4	0.95	1	1	37.553852
Lane_str_opr	BOBJ1	9.4	Before	Interior Girder 5	9.4	0.95	1	1	38.472984
Lane_str_opr	BOBJ1	9.4	Before	Interior Girder 6	9.4	0.95	1	1	39.366013
Lane_str_opr	BOBJ1	9.4	Before	Right Exterior Girder	9.4	0.95	1	1	57.223199
Lane_str_opr	BOBJ1	9.4	After	Left Exterior Girder	9.4	0.95	1	1	71.83674
Lane_str_opr	BOBJ1	9.4	After	Interior Girder 1	9.4	0.95	1	1	63.951097
Lane_str_opr	BOBJ1	9.4	After	Interior Girder 2	9.4	0.95	1	1	57.39886
Lane_str_opr	BOBJ1	9.4	After	Interior Girder 3	9.4	0.95	1	1	58.616137
Lane_str_opr	BOBJ1	9.4	After	Interior Girder 4	9.4	0.95	1	1	58.616137
Lane_str_opr	BOBJ1	9.4	After	Interior Girder 5	9.4	0.95	1	1	57.39886
Lane_str_opr	BOBJ1	9.4	After	Interior Girder 6	9.4	0.95	1	1	63.951097
Lane_str_opr	BOBJ1	9.4	After	Right Exterior Girder	9.4	0.95	1	1	71.83674
Lane_str_opr	BOBJ1	18.8	Before	Left Exterior Girder	18.8	0.95	1	1	73.084924
Lane_str_opr	BOBJ1	18.8	Before	Interior Girder 1	18.8	0.95	1	1	65.575316
Lane_str_opr	BOBJ1	18.8	Before	Interior Girder 2	18.8	0.95	1	1	58.847702
Lane_str_opr	BOBJ1	18.8	Before	Interior Girder 3	18.8	0.95	1	1	60.098571
Lane_str_opr	BOBJ1	18.8	Before	Interior Girder 4	18.8	0.95	1	1	60.098571
Lane_str_opr	BOBJ1	18.8	Before	Interior Girder 5	18.8	0.95	1	1	58.847702
Lane_str_opr	BOBJ1	18.8	Before	Interior Girder 6	18.8	0.95	1	1	65.575316
Lane_str_opr	BOBJ1	18.8	Before	Right Exterior Girder	18.8	0.95	1	1	73.084924
Lane_str_opr	BOBJ1	18.8	After	Left Exterior Girder	18.8	0.95	1	1	122.05734
Lane_str_opr	BOBJ1	18.8	After	Interior Girder 1	18.8	0.95	1	1	81.628249
Lane_str_opr	BOBJ1	18.8	After	Interior Girder 2	18.8	0.95	1	1	76.63868
Lane_str_opr	BOBJ1	18.8	After	Interior Girder 3	18.8	0.95	1	1	78.932293
Lane_str_opr	BOBJ1	18.8	After	Interior Girder 4	18.8	0.95	1	1	78.932293
Lane_str_opr	BOBJ1	18.8	After	Interior Girder 5	18.8	0.95	1	1	76.63868
Lane_str_opr	BOBJ1	18.8	After	Interior Girder 6	18.8	0.95	1	1	81.628249
Lane_str_opr	BOBJ1	18.8	After	Right Exterior Girder	18.8	0.95	1	1	122.05734
Lane_str_opr	BOBJ1	28.2	Before	Left Exterior Girder	28.2	0.95	1	1	120.017248
Lane_str_opr	BOBJ1	28.2	Before	Interior Girder 1	28.2	0.95	1	1	79.645797
Lane_str_opr	BOBJ1	28.2	Before	Interior Girder 2	28.2	0.95	1	1	74.784635
Lane_str_opr	BOBJ1	28.2	Before	Interior Girder 3	28.2	0.95	1	1	77.024666
Lane_str_opr	BOBJ1	28.2	Before	Interior Girder 4	28.2	0.95	1	1	77.024666
Lane_str_opr	BOBJ1	28.2	Before	Interior Girder 5	28.2	0.95	1	1	74.784635
Lane_str_opr	BOBJ1	28.2	Before	Interior Girder 6	28.2	0.95	1	1	79.645797
Lane_str_opr	BOBJ1	28.2	Before	Right Exterior Girder	28.2	0.95	1	1	120.017248
Lane_str_opr	BOBJ1	28.2	After	Left Exterior Girder	28.2	0.95	1	1	89.597865
Lane_str_opr	BOBJ1	28.2	After	Interior Girder 1	28.2	0.95	1	1	48.472109
Lane_str_opr	BOBJ1	28.2	After	Interior Girder 2	28.2	0.95	1	1	48.536897
Lane_str_opr	BOBJ1	28.2	After	Interior Girder 3	28.2	0.95	1	1	46.902773
Lane_str_opr	BOBJ1	28.2	After	Interior Girder 4	28.2	0.95	1	1	46.902773
Lane_str_opr	BOBJ1	28.2	After	Interior Girder 5	28.2	0.95	1	1	48.536897
Lane_str_opr	BOBJ1	28.2	After	Interior Girder 6	28.2	0.95	1	1	48.472109
Lane_str_opr	BOBJ1	28.2	After	Right Exterior Girder	28.2	0.95	1	1	89.597865
Lane_str_opr	BOBJ1	37.6	Before	Left Exterior Girder	37.6	0.95	1	1	88.024153
Lane_str_opr	BOBJ1	37.6	Before	Interior Girder 1	37.6	0.95	1	1	47.256787
Lane_str_opr	BOBJ1	37.6	Before	Interior Girder 2	37.6	0.95	1	1	47.321794
Lane_str_opr	BOBJ1	37.6	Before	Interior Girder 3	37.6	0.95	1	1	45.730106
Lane_str_opr	BOBJ1	37.6	Before	Interior Girder 4	37.6	0.95	1	1	45.730106
Lane_str_opr	BOBJ1	37.6	Before	Interior Girder 5	37.6	0.95	1	1	47.321794
Lane_str_opr	BOBJ1	37.6	Before	Interior Girder 6	37.6	0.95	1	1	47.256787
Lane_str_opr	BOBJ1	37.6	Before	Right Exterior Girder	37.6	0.95	1	1	88.024153
Lane_str_opr	BOBJ1	37.6	After	Left Exterior Girder	37.6	0.95	1	1	43.172613
Lane_str_opr	BOBJ1	37.6	After	Interior Girder 1	37.6	0.95	1	1	37.808918
Lane_str_opr	BOBJ1	37.6	After	Interior Girder 2	37.6	0.95	1	1	34.457266
Lane_str_opr	BOBJ1	37.6	After	Interior Girder 3	37.6	0.95	1	1	30.98186
Lane_str_opr	BOBJ1	37.6	After	Interior Girder 4	37.6	0.95	1	1	30.98186

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Approach, Span 7-11									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Lane_str_opr	BOBJ1	37.6	After	Interior Girder 5	37.6	0.95	1	1	34.457266
Lane_str_opr	BOBJ1	37.6	After	Interior Girder 6	37.6	0.95	1	1	37.808918
Lane_str_opr	BOBJ1	37.6	After	Right Exterior Girder	37.6	0.95	1	1	43.172613
Lane_str_opr	BOBJ1	47.01	Before	Left Exterior Girder	47.01	0.95	1	1	42.373131
Lane_str_opr	BOBJ1	47.01	Before	Interior Girder 1	47.01	0.95	1	1	36.823641
Lane_str_opr	BOBJ1	47.01	Before	Interior Girder 2	47.01	0.95	1	1	33.568435
Lane_str_opr	BOBJ1	47.01	Before	Interior Girder 3	47.01	0.95	1	1	30.17231
Lane_str_opr	BOBJ1	47.01	Before	Interior Girder 4	47.01	0.95	1	1	30.17231
Lane_str_opr	BOBJ1	47.01	Before	Interior Girder 5	47.01	0.95	1	1	33.568435
Lane_str_opr	BOBJ1	47.01	Before	Interior Girder 6	47.01	0.95	1	1	36.823641
Lane_str_opr	BOBJ1	47.01	Before	Right Exterior Girder	47.01	0.95	1	1	42.373131
Lane_str_opr	BOBJ1	47.01	After	Left Exterior Girder	47.01	0.95	1	1	33.612102
Lane_str_opr	BOBJ1	47.01	After	Interior Girder 1	47.01	0.95	1	1	29.452625
Lane_str_opr	BOBJ1	47.01	After	Interior Girder 2	47.01	0.95	1	1	26.677484
Lane_str_opr	BOBJ1	47.01	After	Interior Girder 3	47.01	0.95	1	1	23.184797
Lane_str_opr	BOBJ1	47.01	After	Interior Girder 4	47.01	0.95	1	1	23.184797
Lane_str_opr	BOBJ1	47.01	After	Interior Girder 5	47.01	0.95	1	1	26.677484
Lane_str_opr	BOBJ1	47.01	After	Interior Girder 6	47.01	0.95	1	1	29.452625
Lane_str_opr	BOBJ1	47.01	After	Right Exterior Girder	47.01	0.95	1	1	33.612102
Lane_str_opr	BOBJ1	49.42	Before	Left Exterior Girder	49.42	0.95	1	1	33.443352
Lane_str_opr	BOBJ1	49.42	Before	Right Exterior Girder	49.42	0.95	1	1	33.443352
Lane_str_opr	BOBJ1	49.42	After	Left Exterior Girder	49.42	0.95	1	1	31.054558
Lane_str_opr	BOBJ1	49.42	After	Right Exterior Girder	49.42	0.95	1	1	31.054558
Lane_str_opr	BOBJ1	51.92	Before	Interior Girder 1	51.92	0.95	1	1	26.383485
Lane_str_opr	BOBJ1	51.92	Before	Interior Girder 2	51.92	0.95	1	1	26.306891
Lane_str_opr	BOBJ1	51.92	Before	Interior Girder 3	51.92	0.95	1	1	22.857039
Lane_str_opr	BOBJ1	51.92	Before	Interior Girder 4	51.92	0.95	1	1	22.857039
Lane_str_opr	BOBJ1	51.92	Before	Interior Girder 5	51.92	0.95	1	1	26.306891
Lane_str_opr	BOBJ1	51.92	Before	Interior Girder 6	51.92	0.95	1	1	26.383485
Lane_str_opr	BOBJ1	51.92	After	Interior Girder 1	51.92	0.95	1	1	22.133744
Lane_str_opr	BOBJ1	51.92	After	Interior Girder 2	51.92	0.95	1	1	22.79462
Lane_str_opr	BOBJ1	51.92	After	Interior Girder 3	51.92	0.95	1	1	19.231273
Lane_str_opr	BOBJ1	51.92	After	Interior Girder 4	51.92	0.95	1	1	19.231273
Lane_str_opr	BOBJ1	51.92	After	Interior Girder 5	51.92	0.95	1	1	22.79462
Lane_str_opr	BOBJ1	51.92	After	Interior Girder 6	51.92	0.95	1	1	22.133744
Lane_str_opr	BOBJ1	56.42	Before	Left Exterior Girder	56.42	0.95	1	1	35.165932
Lane_str_opr	BOBJ1	56.42	Before	Interior Girder 1	56.42	0.95	1	1	21.83765
Lane_str_opr	BOBJ1	56.42	Before	Interior Girder 2	56.42	0.95	1	1	22.492647
Lane_str_opr	BOBJ1	56.42	Before	Interior Girder 3	56.42	0.95	1	1	18.970668
Lane_str_opr	BOBJ1	56.42	Before	Interior Girder 4	56.42	0.95	1	1	18.970668
Lane_str_opr	BOBJ1	56.42	Before	Interior Girder 5	56.42	0.95	1	1	22.492647
Lane_str_opr	BOBJ1	56.42	Before	Interior Girder 6	56.42	0.95	1	1	21.83765
Lane_str_opr	BOBJ1	56.42	Before	Right Exterior Girder	56.42	0.95	1	1	35.165932
Lane_str_opr	BOBJ1	56.42	After	Left Exterior Girder	0	0.95	1	1	30.76644
Lane_str_opr	BOBJ1	56.42	After	Interior Girder 1	0	0.95	1	1	21.225442
Lane_str_opr	BOBJ1	56.42	After	Interior Girder 2	0	0.95	1	1	21.880724
Lane_str_opr	BOBJ1	56.42	After	Interior Girder 3	0	0.95	1	1	18.602069
Lane_str_opr	BOBJ1	56.42	After	Interior Girder 4	0	0.95	1	1	18.602069
Lane_str_opr	BOBJ1	56.42	After	Interior Girder 5	0	0.95	1	1	21.880724
Lane_str_opr	BOBJ1	56.42	After	Interior Girder 6	0	0.95	1	1	21.225442
Lane_str_opr	BOBJ1	56.42	After	Right Exterior Girder	0	0.95	1	1	30.76644
Lane_str_opr	BOBJ1	60.92	Before	Interior Girder 1	4.5	0.95	1	1	21.5114
Lane_str_opr	BOBJ1	60.92	Before	Interior Girder 2	4.5	0.95	1	1	22.172583
Lane_str_opr	BOBJ1	60.92	Before	Interior Girder 3	4.5	0.95	1	1	18.856474
Lane_str_opr	BOBJ1	60.92	Before	Interior Girder 4	4.5	0.95	1	1	18.856474
Lane_str_opr	BOBJ1	60.92	Before	Interior Girder 5	4.5	0.95	1	1	22.172583
Lane_str_opr	BOBJ1	60.92	Before	Interior Girder 6	4.5	0.95	1	1	21.5114
Lane_str_opr	BOBJ1	60.92	After	Interior Girder 1	4.5	0.95	1	1	24.959586
Lane_str_opr	BOBJ1	60.92	After	Interior Girder 2	4.5	0.95	1	1	24.993838
Lane_str_opr	BOBJ1	60.92	After	Interior Girder 3	4.5	0.95	1	1	21.772554
Lane_str_opr	BOBJ1	60.92	After	Interior Girder 4	4.5	0.95	1	1	21.772554
Lane_str_opr	BOBJ1	60.92	After	Interior Girder 5	4.5	0.95	1	1	24.993838
Lane_str_opr	BOBJ1	60.92	After	Interior Girder 6	4.5	0.95	1	1	24.959586
Lane_str_opr	BOBJ1	63.42	Before	Left Exterior Girder	7	0.95	1	1	26.811295
Lane_str_opr	BOBJ1	63.42	Before	Right Exterior Girder	7	0.95	1	1	26.811295

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Approach, Span 7-11									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Lane_str_opr	BOBJ1	63.42	After	Left Exterior Girder	7	0.95	1	1	28.440871
Lane_str_opr	BOBJ1	63.42	After	Right Exterior Girder	7	0.95	1	1	28.440871
Lane_str_opr	BOBJ1	64.845	Before	Left Exterior Girder	8.425	0.95	1	1	28.525536
Lane_str_opr	BOBJ1	64.845	Before	Interior Girder 1	8.425	0.95	1	1	28.573184
Lane_str_opr	BOBJ1	64.845	Before	Interior Girder 2	8.425	0.95	1	1	25.27359
Lane_str_opr	BOBJ1	64.845	Before	Interior Girder 3	8.425	0.95	1	1	22.021232
Lane_str_opr	BOBJ1	64.845	Before	Interior Girder 4	8.425	0.95	1	1	22.021232
Lane_str_opr	BOBJ1	64.845	Before	Interior Girder 5	8.425	0.95	1	1	25.27359
Lane_str_opr	BOBJ1	64.845	Before	Interior Girder 6	8.425	0.95	1	1	28.573184
Lane_str_opr	BOBJ1	64.845	Before	Right Exterior Girder	8.425	0.95	1	1	28.525536
Lane_str_opr	BOBJ1	64.845	After	Left Exterior Girder	8.425	0.95	1	1	34.744144
Lane_str_opr	BOBJ1	64.845	After	Interior Girder 1	8.425	0.95	1	1	30.375991
Lane_str_opr	BOBJ1	64.845	After	Interior Girder 2	8.425	0.95	1	1	28.757409
Lane_str_opr	BOBJ1	64.845	After	Interior Girder 3	8.425	0.95	1	1	25.623694
Lane_str_opr	BOBJ1	64.845	After	Interior Girder 4	8.425	0.95	1	1	25.623694
Lane_str_opr	BOBJ1	64.845	After	Interior Girder 5	8.425	0.95	1	1	28.757409
Lane_str_opr	BOBJ1	64.845	After	Interior Girder 6	8.425	0.95	1	1	30.375991
Lane_str_opr	BOBJ1	64.845	After	Right Exterior Girder	8.425	0.95	1	1	34.744144
Lane_str_opr	BOBJ1	69.92	Before	Left Exterior Girder	13.5	0.95	1	1	35.100049
Lane_str_opr	BOBJ1	69.92	Before	Interior Girder 1	13.5	0.95	1	1	30.813696
Lane_str_opr	BOBJ1	69.92	Before	Interior Girder 2	13.5	0.95	1	1	29.167613
Lane_str_opr	BOBJ1	69.92	Before	Interior Girder 3	13.5	0.95	1	1	25.995511
Lane_str_opr	BOBJ1	69.92	Before	Interior Girder 4	13.5	0.95	1	1	25.995511
Lane_str_opr	BOBJ1	69.92	Before	Interior Girder 5	13.5	0.95	1	1	29.167613
Lane_str_opr	BOBJ1	69.92	Before	Interior Girder 6	13.5	0.95	1	1	30.813696
Lane_str_opr	BOBJ1	69.92	Before	Right Exterior Girder	13.5	0.95	1	1	35.100049
Lane_str_opr	BOBJ1	69.92	After	Left Exterior Girder	13.5	0.95	1	1	33.588899
Lane_str_opr	BOBJ1	69.92	After	Interior Girder 1	13.5	0.95	1	1	33.800247
Lane_str_opr	BOBJ1	69.92	After	Interior Girder 2	13.5	0.95	1	1	31.008725
Lane_str_opr	BOBJ1	69.92	After	Interior Girder 3	13.5	0.95	1	1	28.030544
Lane_str_opr	BOBJ1	69.92	After	Interior Girder 4	13.5	0.95	1	1	28.030544
Lane_str_opr	BOBJ1	69.92	After	Interior Girder 5	13.5	0.95	1	1	31.008725
Lane_str_opr	BOBJ1	69.92	After	Interior Girder 6	13.5	0.95	1	1	33.800247
Lane_str_opr	BOBJ1	69.92	After	Right Exterior Girder	13.5	0.95	1	1	33.588899
Lane_str_opr	BOBJ1	73.27	Before	Left Exterior Girder	16.85	0.95	1	1	33.830023
Lane_str_opr	BOBJ1	73.27	Before	Interior Girder 1	16.85	0.95	1	1	34.12799
Lane_str_opr	BOBJ1	73.27	Before	Interior Girder 2	16.85	0.95	1	1	31.306158
Lane_str_opr	BOBJ1	73.27	Before	Interior Girder 3	16.85	0.95	1	1	28.303794
Lane_str_opr	BOBJ1	73.27	Before	Interior Girder 4	16.85	0.95	1	1	28.303794
Lane_str_opr	BOBJ1	73.27	Before	Interior Girder 5	16.85	0.95	1	1	31.306158
Lane_str_opr	BOBJ1	73.27	Before	Interior Girder 6	16.85	0.95	1	1	34.12799
Lane_str_opr	BOBJ1	73.27	Before	Right Exterior Girder	16.85	0.95	1	1	33.830023
Lane_str_opr	BOBJ1	73.27	After	Left Exterior Girder	16.85	0.95	1	1	55.029936
Lane_str_opr	BOBJ1	73.27	After	Interior Girder 1	16.85	0.95	1	1	38.300422
Lane_str_opr	BOBJ1	73.27	After	Interior Girder 2	16.85	0.95	1	1	37.736864
Lane_str_opr	BOBJ1	73.27	After	Interior Girder 3	16.85	0.95	1	1	37.514726
Lane_str_opr	BOBJ1	73.27	After	Interior Girder 4	16.85	0.95	1	1	37.514726
Lane_str_opr	BOBJ1	73.27	After	Interior Girder 5	16.85	0.95	1	1	37.736864
Lane_str_opr	BOBJ1	73.27	After	Interior Girder 6	16.85	0.95	1	1	38.300422
Lane_str_opr	BOBJ1	73.27	After	Right Exterior Girder	16.85	0.95	1	1	55.029936
Lane_str_opr	BOBJ1	81.695	Before	Left Exterior Girder	25.275	0.95	1	1	55.990195
Lane_str_opr	BOBJ1	81.695	Before	Interior Girder 1	25.275	0.95	1	1	39.218948
Lane_str_opr	BOBJ1	81.695	Before	Interior Girder 2	25.275	0.95	1	1	38.639617
Lane_str_opr	BOBJ1	81.695	Before	Interior Girder 3	25.275	0.95	1	1	38.411545
Lane_str_opr	BOBJ1	81.695	Before	Interior Girder 4	25.275	0.95	1	1	38.411545
Lane_str_opr	BOBJ1	81.695	Before	Interior Girder 5	25.275	0.95	1	1	38.639617
Lane_str_opr	BOBJ1	81.695	Before	Interior Girder 6	25.275	0.95	1	1	39.218948
Lane_str_opr	BOBJ1	81.695	Before	Right Exterior Girder	25.275	0.95	1	1	55.990195
Lane_str_opr	BOBJ1	81.695	After	Left Exterior Girder	25.275	0.95	1	1	68.406418
Lane_str_opr	BOBJ1	81.695	After	Interior Girder 1	25.275	0.95	1	1	57.088911
Lane_str_opr	BOBJ1	81.695	After	Interior Girder 2	25.275	0.95	1	1	52.946335
Lane_str_opr	BOBJ1	81.695	After	Interior Girder 3	25.275	0.95	1	1	54.303971
Lane_str_opr	BOBJ1	81.695	After	Interior Girder 4	25.275	0.95	1	1	54.303971
Lane_str_opr	BOBJ1	81.695	After	Interior Girder 5	25.275	0.95	1	1	52.946335
Lane_str_opr	BOBJ1	81.695	After	Interior Girder 6	25.275	0.95	1	1	57.088911

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Approach, Span 7-11									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Lane_str_opr	BOBJ1	81.695	After	Right Exterior Girder	25.275	0.95	1	1	68.406418
Lane_str_opr	BOBJ1	90.12	Before	Left Exterior Girder	33.7	0.95	1	1	69.541252
Lane_str_opr	BOBJ1	90.12	Before	Interior Girder 1	33.7	0.95	1	1	58.416883
Lane_str_opr	BOBJ1	90.12	Before	Interior Girder 2	33.7	0.95	1	1	54.172143
Lane_str_opr	BOBJ1	90.12	Before	Interior Girder 3	33.7	0.95	1	1	55.560469
Lane_str_opr	BOBJ1	90.12	Before	Interior Girder 4	33.7	0.95	1	1	55.560469
Lane_str_opr	BOBJ1	90.12	Before	Interior Girder 5	33.7	0.95	1	1	54.172143
Lane_str_opr	BOBJ1	90.12	Before	Interior Girder 6	33.7	0.95	1	1	58.416883
Lane_str_opr	BOBJ1	90.12	Before	Right Exterior Girder	33.7	0.95	1	1	69.541252
Lane_str_opr	BOBJ1	90.12	After	Left Exterior Girder	33.7	0.95	1	1	71.963241
Lane_str_opr	BOBJ1	90.12	After	Interior Girder 1	33.7	0.95	1	1	59.138762
Lane_str_opr	BOBJ1	90.12	After	Interior Girder 2	33.7	0.95	1	1	54.688451
Lane_str_opr	BOBJ1	90.12	After	Interior Girder 3	33.7	0.95	1	1	56.034105
Lane_str_opr	BOBJ1	90.12	After	Interior Girder 4	33.7	0.95	1	1	56.034105
Lane_str_opr	BOBJ1	90.12	After	Interior Girder 5	33.7	0.95	1	1	54.688451
Lane_str_opr	BOBJ1	90.12	After	Interior Girder 6	33.7	0.95	1	1	59.138762
Lane_str_opr	BOBJ1	90.12	After	Right Exterior Girder	33.7	0.95	1	1	71.963241
Lane_str_opr	BOBJ1	98.545	Before	Left Exterior Girder	42.125	0.95	1	1	70.792526
Lane_str_opr	BOBJ1	98.545	Before	Interior Girder 1	42.125	0.95	1	1	57.79626
Lane_str_opr	BOBJ1	98.545	Before	Interior Girder 2	42.125	0.95	1	1	53.451872
Lane_str_opr	BOBJ1	98.545	Before	Interior Girder 3	42.125	0.95	1	1	54.767748
Lane_str_opr	BOBJ1	98.545	Before	Interior Girder 4	42.125	0.95	1	1	54.767748
Lane_str_opr	BOBJ1	98.545	Before	Interior Girder 5	42.125	0.95	1	1	53.451872
Lane_str_opr	BOBJ1	98.545	Before	Interior Girder 6	42.125	0.95	1	1	57.79626
Lane_str_opr	BOBJ1	98.545	Before	Right Exterior Girder	42.125	0.95	1	1	70.792526
Lane_str_opr	BOBJ1	98.545	After	Left Exterior Girder	42.125	0.95	1	1	57.934165
Lane_str_opr	BOBJ1	98.545	After	Interior Girder 1	42.125	0.95	1	1	39.659246
Lane_str_opr	BOBJ1	98.545	After	Interior Girder 2	42.125	0.95	1	1	38.987046
Lane_str_opr	BOBJ1	98.545	After	Interior Girder 3	42.125	0.95	1	1	38.72653
Lane_str_opr	BOBJ1	98.545	After	Interior Girder 4	42.125	0.95	1	1	38.72653
Lane_str_opr	BOBJ1	98.545	After	Interior Girder 5	42.125	0.95	1	1	38.987046
Lane_str_opr	BOBJ1	98.545	After	Interior Girder 6	42.125	0.95	1	1	39.659246
Lane_str_opr	BOBJ1	98.545	After	Right Exterior Girder	42.125	0.95	1	1	57.934165
Lane_str_opr	BOBJ1	106.97	Before	Left Exterior Girder	50.55	0.95	1	1	56.94388
Lane_str_opr	BOBJ1	106.97	Before	Interior Girder 1	50.55	0.95	1	1	38.731659
Lane_str_opr	BOBJ1	106.97	Before	Interior Girder 2	50.55	0.95	1	1	38.076844
Lane_str_opr	BOBJ1	106.97	Before	Interior Girder 3	50.55	0.95	1	1	37.823027
Lane_str_opr	BOBJ1	106.97	Before	Interior Girder 4	50.55	0.95	1	1	37.823027
Lane_str_opr	BOBJ1	106.97	Before	Interior Girder 5	50.55	0.95	1	1	38.076844
Lane_str_opr	BOBJ1	106.97	Before	Interior Girder 6	50.55	0.95	1	1	38.731659
Lane_str_opr	BOBJ1	106.97	Before	Right Exterior Girder	50.55	0.95	1	1	56.94388
Lane_str_opr	BOBJ1	106.97	After	Left Exterior Girder	50.55	0.95	1	1	33.098467
Lane_str_opr	BOBJ1	106.97	After	Interior Girder 1	50.55	0.95	1	1	32.208111
Lane_str_opr	BOBJ1	106.97	After	Interior Girder 2	50.55	0.95	1	1	30.093483
Lane_str_opr	BOBJ1	106.97	After	Interior Girder 3	50.55	0.95	1	1	26.845826
Lane_str_opr	BOBJ1	106.97	After	Interior Girder 4	50.55	0.95	1	1	26.845826
Lane_str_opr	BOBJ1	106.97	After	Interior Girder 5	50.55	0.95	1	1	30.093483
Lane_str_opr	BOBJ1	106.97	After	Interior Girder 6	50.55	0.95	1	1	32.208111
Lane_str_opr	BOBJ1	106.97	After	Right Exterior Girder	50.55	0.95	1	1	33.098467
Lane_str_opr	BOBJ1	115.405	Before	Left Exterior Girder	58.985	0.95	1	1	32.501285
Lane_str_opr	BOBJ1	115.405	Before	Interior Girder 1	58.985	0.95	1	1	31.427146
Lane_str_opr	BOBJ1	115.405	Before	Interior Girder 2	58.985	0.95	1	1	29.372088
Lane_str_opr	BOBJ1	115.405	Before	Interior Girder 3	58.985	0.95	1	1	26.192067
Lane_str_opr	BOBJ1	115.405	Before	Interior Girder 4	58.985	0.95	1	1	26.192067
Lane_str_opr	BOBJ1	115.405	Before	Interior Girder 5	58.985	0.95	1	1	29.372088
Lane_str_opr	BOBJ1	115.405	Before	Interior Girder 6	58.985	0.95	1	1	31.427146
Lane_str_opr	BOBJ1	115.405	Before	Right Exterior Girder	58.985	0.95	1	1	32.501285
Lane_str_opr	BOBJ1	115.405	After	Left Exterior Girder	58.985	0.95	1	1	21.047616
Lane_str_opr	BOBJ1	115.405	After	Interior Girder 1	58.985	0.95	1	1	34.578605
Lane_str_opr	BOBJ1	115.405	After	Interior Girder 2	58.985	0.95	1	1	24.543321
Lane_str_opr	BOBJ1	115.405	After	Interior Girder 3	58.985	0.95	1	1	21.210715
Lane_str_opr	BOBJ1	115.405	After	Interior Girder 4	58.985	0.95	1	1	21.210715
Lane_str_opr	BOBJ1	115.405	After	Interior Girder 5	58.985	0.95	1	1	24.543321
Lane_str_opr	BOBJ1	115.405	After	Interior Girder 6	58.985	0.95	1	1	34.578605
Lane_str_opr	BOBJ1	115.405	After	Right Exterior Girder	58.985	0.95	1	1	21.047616

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Approach, Span 7-11									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Lane_str_opr	BOBJ1	116.34	Before	Left Exterior Girder	59.92	0.95	1	1	21.001473
Lane_str_opr	BOBJ1	116.34	Before	Right Exterior Girder	59.92	0.95	1	1	21.001473
Lane_str_opr	BOBJ1	116.34	After	Left Exterior Girder	59.92	0.95	1	1	19.833612
Lane_str_opr	BOBJ1	116.34	After	Right Exterior Girder	59.92	0.95	1	1	19.833612
Lane_str_opr	BOBJ1	118.84	Before	Interior Girder 1	62.42	0.95	1	1	24.314077
Lane_str_opr	BOBJ1	118.84	Before	Interior Girder 2	62.42	0.95	1	1	24.296773
Lane_str_opr	BOBJ1	118.84	Before	Interior Girder 3	62.42	0.95	1	1	20.993263
Lane_str_opr	BOBJ1	118.84	Before	Interior Girder 4	62.42	0.95	1	1	20.993263
Lane_str_opr	BOBJ1	118.84	Before	Interior Girder 5	62.42	0.95	1	1	24.296773
Lane_str_opr	BOBJ1	118.84	Before	Interior Girder 6	62.42	0.95	1	1	24.314077
Lane_str_opr	BOBJ1	118.84	After	Interior Girder 1	62.42	0.95	1	1	20.813579
Lane_str_opr	BOBJ1	118.84	After	Interior Girder 2	62.42	0.95	1	1	21.410058
Lane_str_opr	BOBJ1	118.84	After	Interior Girder 3	62.42	0.95	1	1	18.112415
Lane_str_opr	BOBJ1	118.84	After	Interior Girder 4	62.42	0.95	1	1	18.112415
Lane_str_opr	BOBJ1	118.84	After	Interior Girder 5	62.42	0.95	1	1	21.410058
Lane_str_opr	BOBJ1	118.84	After	Interior Girder 6	62.42	0.95	1	1	20.813579
Lane_str_opr	BOBJ1	123.84	Before	Left Exterior Girder	67.42	0.95	1	1	27.481427
Lane_str_opr	BOBJ1	123.84	Before	Interior Girder 1	67.42	0.95	1	1	20.487869
Lane_str_opr	BOBJ1	123.84	Before	Interior Girder 2	67.42	0.95	1	1	21.078706
Lane_str_opr	BOBJ1	123.84	Before	Interior Girder 3	67.42	0.95	1	1	17.825073
Lane_str_opr	BOBJ1	123.84	Before	Interior Girder 4	67.42	0.95	1	1	17.825073
Lane_str_opr	BOBJ1	123.84	Before	Interior Girder 5	67.42	0.95	1	1	21.078706
Lane_str_opr	BOBJ1	123.84	Before	Interior Girder 6	67.42	0.95	1	1	20.487869
Lane_str_opr	BOBJ1	123.84	Before	Right Exterior Girder	67.42	0.95	1	1	27.481427
Lane_str_opr	BOBJ1	123.84	After	Left Exterior Girder	0	0.95	1	1	26.639431
Lane_str_opr	BOBJ1	123.84	After	Interior Girder 1	0	0.95	1	1	20.135568
Lane_str_opr	BOBJ1	123.84	After	Interior Girder 2	0	0.95	1	1	20.745015
Lane_str_opr	BOBJ1	123.84	After	Interior Girder 3	0	0.95	1	1	17.635758
Lane_str_opr	BOBJ1	123.84	After	Interior Girder 4	0	0.95	1	1	17.635758
Lane_str_opr	BOBJ1	123.84	After	Interior Girder 5	0	0.95	1	1	20.745015
Lane_str_opr	BOBJ1	123.84	After	Interior Girder 6	0	0.95	1	1	20.135568
Lane_str_opr	BOBJ1	123.84	After	Right Exterior Girder	0	0.95	1	1	26.639431
Lane_str_opr	BOBJ1	128.84	Before	Interior Girder 1	5	0.95	1	1	20.455965
Lane_str_opr	BOBJ1	128.84	Before	Interior Girder 2	5	0.95	1	1	21.071333
Lane_str_opr	BOBJ1	128.84	Before	Interior Girder 3	5	0.95	1	1	17.920214
Lane_str_opr	BOBJ1	128.84	Before	Interior Girder 4	5	0.95	1	1	17.920214
Lane_str_opr	BOBJ1	128.84	Before	Interior Girder 5	5	0.95	1	1	21.071333
Lane_str_opr	BOBJ1	128.84	Before	Interior Girder 6	5	0.95	1	1	20.455965
Lane_str_opr	BOBJ1	128.84	After	Interior Girder 1	5	0.95	1	1	23.829207
Lane_str_opr	BOBJ1	128.84	After	Interior Girder 2	5	0.95	1	1	23.860794
Lane_str_opr	BOBJ1	128.84	After	Interior Girder 3	5	0.95	1	1	20.73686
Lane_str_opr	BOBJ1	128.84	After	Interior Girder 4	5	0.95	1	1	20.73686
Lane_str_opr	BOBJ1	128.84	After	Interior Girder 5	5	0.95	1	1	23.860794
Lane_str_opr	BOBJ1	128.84	After	Interior Girder 6	5	0.95	1	1	23.829207
Lane_str_opr	BOBJ1	131.34	Before	Left Exterior Girder	7.5	0.95	1	1	19.099216
Lane_str_opr	BOBJ1	131.34	Before	Right Exterior Girder	7.5	0.95	1	1	19.099216
Lane_str_opr	BOBJ1	131.34	After	Left Exterior Girder	7.5	0.95	1	1	20.194995
Lane_str_opr	BOBJ1	131.34	After	Right Exterior Girder	7.5	0.95	1	1	20.194995
Lane_str_opr	BOBJ1	132.265	Before	Left Exterior Girder	8.425	0.95	1	1	20.238956
Lane_str_opr	BOBJ1	132.265	Before	Interior Girder 1	8.425	0.95	1	1	34.374108
Lane_str_opr	BOBJ1	132.265	Before	Interior Girder 2	8.425	0.95	1	1	24.102367
Lane_str_opr	BOBJ1	132.265	Before	Interior Girder 3	8.425	0.95	1	1	20.951153
Lane_str_opr	BOBJ1	132.265	Before	Interior Girder 4	8.425	0.95	1	1	20.951153
Lane_str_opr	BOBJ1	132.265	Before	Interior Girder 5	8.425	0.95	1	1	24.102367
Lane_str_opr	BOBJ1	132.265	Before	Interior Girder 6	8.425	0.95	1	1	34.374108
Lane_str_opr	BOBJ1	132.265	Before	Right Exterior Girder	8.425	0.95	1	1	20.238956
Lane_str_opr	BOBJ1	132.265	After	Left Exterior Girder	8.425	0.95	1	1	31.412817
Lane_str_opr	BOBJ1	132.265	After	Interior Girder 1	8.425	0.95	1	1	30.632193
Lane_str_opr	BOBJ1	132.265	After	Interior Girder 2	8.425	0.95	1	1	28.74256
Lane_str_opr	BOBJ1	132.265	After	Interior Girder 3	8.425	0.95	1	1	25.798156
Lane_str_opr	BOBJ1	132.265	After	Interior Girder 4	8.425	0.95	1	1	25.798156
Lane_str_opr	BOBJ1	132.265	After	Interior Girder 5	8.425	0.95	1	1	28.74256
Lane_str_opr	BOBJ1	132.265	After	Interior Girder 6	8.425	0.95	1	1	30.632193
Lane_str_opr	BOBJ1	132.265	After	Right Exterior Girder	8.425	0.95	1	1	31.412817
Lane_str_opr	BOBJ1	140.69	Before	Left Exterior Girder	16.85	0.95	1	1	31.989901

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Approach, Span 7-11									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Lane_str_opr	BOBJ1	140.69	Before	Interior Girder 1	16.85	0.95	1	1	31.393205
Lane_str_opr	BOBJ1	140.69	Before	Interior Girder 2	16.85	0.95	1	1	29.448134
Lane_str_opr	BOBJ1	140.69	Before	Interior Girder 3	16.85	0.95	1	1	26.441694
Lane_str_opr	BOBJ1	140.69	Before	Interior Girder 4	16.85	0.95	1	1	26.441694
Lane_str_opr	BOBJ1	140.69	Before	Interior Girder 5	16.85	0.95	1	1	29.448134
Lane_str_opr	BOBJ1	140.69	Before	Interior Girder 6	16.85	0.95	1	1	31.393205
Lane_str_opr	BOBJ1	140.69	Before	Right Exterior Girder	16.85	0.95	1	1	31.989901
Lane_str_opr	BOBJ1	140.69	After	Left Exterior Girder	16.85	0.95	1	1	54.027055
Lane_str_opr	BOBJ1	140.69	After	Interior Girder 1	16.85	0.95	1	1	37.609651
Lane_str_opr	BOBJ1	140.69	After	Interior Girder 2	16.85	0.95	1	1	37.06227
Lane_str_opr	BOBJ1	140.69	After	Interior Girder 3	16.85	0.95	1	1	37.016536
Lane_str_opr	BOBJ1	140.69	After	Interior Girder 4	16.85	0.95	1	1	37.016536
Lane_str_opr	BOBJ1	140.69	After	Interior Girder 5	16.85	0.95	1	1	37.06227
Lane_str_opr	BOBJ1	140.69	After	Interior Girder 6	16.85	0.95	1	1	37.609651
Lane_str_opr	BOBJ1	140.69	After	Right Exterior Girder	16.85	0.95	1	1	54.027055
Lane_str_opr	BOBJ1	149.115	Before	Left Exterior Girder	25.275	0.95	1	1	54.967759
Lane_str_opr	BOBJ1	149.115	Before	Interior Girder 1	25.275	0.95	1	1	38.511278
Lane_str_opr	BOBJ1	149.115	Before	Interior Girder 2	25.275	0.95	1	1	37.948785
Lane_str_opr	BOBJ1	149.115	Before	Interior Girder 3	25.275	0.95	1	1	37.901085
Lane_str_opr	BOBJ1	149.115	Before	Interior Girder 4	25.275	0.95	1	1	37.901085
Lane_str_opr	BOBJ1	149.115	Before	Interior Girder 5	25.275	0.95	1	1	37.948785
Lane_str_opr	BOBJ1	149.115	Before	Interior Girder 6	25.275	0.95	1	1	38.511278
Lane_str_opr	BOBJ1	149.115	Before	Right Exterior Girder	25.275	0.95	1	1	54.967759
Lane_str_opr	BOBJ1	149.115	After	Left Exterior Girder	25.275	0.95	1	1	66.670868
Lane_str_opr	BOBJ1	149.115	After	Interior Girder 1	25.275	0.95	1	1	55.530421
Lane_str_opr	BOBJ1	149.115	After	Interior Girder 2	25.275	0.95	1	1	51.608527
Lane_str_opr	BOBJ1	149.115	After	Interior Girder 3	25.275	0.95	1	1	53.199705
Lane_str_opr	BOBJ1	149.115	After	Interior Girder 4	25.275	0.95	1	1	53.199705
Lane_str_opr	BOBJ1	149.115	After	Interior Girder 5	25.275	0.95	1	1	51.608527
Lane_str_opr	BOBJ1	149.115	After	Interior Girder 6	25.275	0.95	1	1	55.530421
Lane_str_opr	BOBJ1	149.115	After	Right Exterior Girder	25.275	0.95	1	1	66.670867
Lane_str_opr	BOBJ1	157.54	Before	Left Exterior Girder	33.7	0.95	1	1	67.77472
Lane_str_opr	BOBJ1	157.54	Before	Interior Girder 1	33.7	0.95	1	1	56.82157
Lane_str_opr	BOBJ1	157.54	Before	Interior Girder 2	33.7	0.95	1	1	52.803185
Lane_str_opr	BOBJ1	157.54	Before	Interior Girder 3	33.7	0.95	1	1	54.430203
Lane_str_opr	BOBJ1	157.54	Before	Interior Girder 4	33.7	0.95	1	1	54.430203
Lane_str_opr	BOBJ1	157.54	Before	Interior Girder 5	33.7	0.95	1	1	52.803185
Lane_str_opr	BOBJ1	157.54	Before	Interior Girder 6	33.7	0.95	1	1	56.82157
Lane_str_opr	BOBJ1	157.54	Before	Right Exterior Girder	33.7	0.95	1	1	67.77472
Lane_str_opr	BOBJ1	157.54	After	Left Exterior Girder	33.7	0.95	1	1	67.884155
Lane_str_opr	BOBJ1	157.54	After	Interior Girder 1	33.7	0.95	1	1	56.850827
Lane_str_opr	BOBJ1	157.54	After	Interior Girder 2	33.7	0.95	1	1	52.832149
Lane_str_opr	BOBJ1	157.54	After	Interior Girder 3	33.7	0.95	1	1	54.477692
Lane_str_opr	BOBJ1	157.54	After	Interior Girder 4	33.7	0.95	1	1	54.477692
Lane_str_opr	BOBJ1	157.54	After	Interior Girder 5	33.7	0.95	1	1	52.832149
Lane_str_opr	BOBJ1	157.54	After	Interior Girder 6	33.7	0.95	1	1	56.850827
Lane_str_opr	BOBJ1	157.54	After	Right Exterior Girder	33.7	0.95	1	1	67.884155
Lane_str_opr	BOBJ1	165.965	Before	Left Exterior Girder	42.125	0.95	1	1	66.778599
Lane_str_opr	BOBJ1	165.965	Before	Interior Girder 1	42.125	0.95	1	1	55.559042
Lane_str_opr	BOBJ1	165.965	Before	Interior Girder 2	42.125	0.95	1	1	51.636863
Lane_str_opr	BOBJ1	165.965	Before	Interior Girder 3	42.125	0.95	1	1	53.246175
Lane_str_opr	BOBJ1	165.965	Before	Interior Girder 4	42.125	0.95	1	1	53.246175
Lane_str_opr	BOBJ1	165.965	Before	Interior Girder 5	42.125	0.95	1	1	51.636863
Lane_str_opr	BOBJ1	165.965	Before	Interior Girder 6	42.125	0.95	1	1	55.559042
Lane_str_opr	BOBJ1	165.965	Before	Right Exterior Girder	42.125	0.95	1	1	66.778599
Lane_str_opr	BOBJ1	165.965	After	Left Exterior Girder	42.125	0.95	1	1	55.055865
Lane_str_opr	BOBJ1	165.965	After	Interior Girder 1	42.125	0.95	1	1	38.527834
Lane_str_opr	BOBJ1	165.965	After	Interior Girder 2	42.125	0.95	1	1	37.965872
Lane_str_opr	BOBJ1	165.965	After	Interior Girder 3	42.125	0.95	1	1	37.93073
Lane_str_opr	BOBJ1	165.965	After	Interior Girder 4	42.125	0.95	1	1	37.93073
Lane_str_opr	BOBJ1	165.965	After	Interior Girder 5	42.125	0.95	1	1	37.965872
Lane_str_opr	BOBJ1	165.965	After	Interior Girder 6	42.125	0.95	1	1	38.527834
Lane_str_opr	BOBJ1	165.965	After	Right Exterior Girder	42.125	0.95	1	1	55.055865
Lane_str_opr	BOBJ1	174.39	Before	Left Exterior Girder	50.55	0.95	1	1	54.113727
Lane_str_opr	BOBJ1	174.39	Before	Interior Girder 1	50.55	0.95	1	1	37.625837

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Approach, Span 7-11									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Lane_str_opr	BOBJ1	174.39	Before	Interior Girder 2	50.55	0.95	1	1	37.078973
Lane_str_opr	BOBJ1	174.39	Before	Interior Girder 3	50.55	0.95	1	1	37.045532
Lane_str_opr	BOBJ1	174.39	Before	Interior Girder 4	50.55	0.95	1	1	37.045532
Lane_str_opr	BOBJ1	174.39	Before	Interior Girder 5	50.55	0.95	1	1	37.078973
Lane_str_opr	BOBJ1	174.39	Before	Interior Girder 6	50.55	0.95	1	1	37.625837
Lane_str_opr	BOBJ1	174.39	Before	Right Exterior Girder	50.55	0.95	1	1	54.113727
Lane_str_opr	BOBJ1	174.39	After	Left Exterior Girder	50.55	0.95	1	1	32.033771
Lane_str_opr	BOBJ1	174.39	After	Interior Girder 1	50.55	0.95	1	1	31.39266
Lane_str_opr	BOBJ1	174.39	After	Interior Girder 2	50.55	0.95	1	1	29.443911
Lane_str_opr	BOBJ1	174.39	After	Interior Girder 3	50.55	0.95	1	1	26.468356
Lane_str_opr	BOBJ1	174.39	After	Interior Girder 4	50.55	0.95	1	1	26.468356
Lane_str_opr	BOBJ1	174.39	After	Interior Girder 5	50.55	0.95	1	1	29.443911
Lane_str_opr	BOBJ1	174.39	After	Interior Girder 6	50.55	0.95	1	1	31.39266
Lane_str_opr	BOBJ1	174.39	After	Right Exterior Girder	50.55	0.95	1	1	32.033771
Lane_str_opr	BOBJ1	182.825	Before	Left Exterior Girder	58.985	0.95	1	1	31.455277
Lane_str_opr	BOBJ1	182.825	Before	Interior Girder 1	58.985	0.95	1	1	30.630724
Lane_str_opr	BOBJ1	182.825	Before	Interior Girder 2	58.985	0.95	1	1	28.737568
Lane_str_opr	BOBJ1	182.825	Before	Interior Girder 3	58.985	0.95	1	1	25.823479
Lane_str_opr	BOBJ1	182.825	Before	Interior Girder 4	58.985	0.95	1	1	25.823479
Lane_str_opr	BOBJ1	182.825	Before	Interior Girder 5	58.985	0.95	1	1	28.737568
Lane_str_opr	BOBJ1	182.825	Before	Interior Girder 6	58.985	0.95	1	1	30.630724
Lane_str_opr	BOBJ1	182.825	Before	Right Exterior Girder	58.985	0.95	1	1	31.455277
Lane_str_opr	BOBJ1	182.825	After	Left Exterior Girder	58.985	0.95	1	1	20.316652
Lane_str_opr	BOBJ1	182.825	After	Interior Girder 1	58.985	0.95	1	1	34.222435
Lane_str_opr	BOBJ1	182.825	After	Interior Girder 2	58.985	0.95	1	1	24.089171
Lane_str_opr	BOBJ1	182.825	After	Interior Girder 3	58.985	0.95	1	1	20.963905
Lane_str_opr	BOBJ1	182.825	After	Interior Girder 4	58.985	0.95	1	1	20.963905
Lane_str_opr	BOBJ1	182.825	After	Interior Girder 5	58.985	0.95	1	1	24.089171
Lane_str_opr	BOBJ1	182.825	After	Interior Girder 6	58.985	0.95	1	1	34.222435
Lane_str_opr	BOBJ1	182.825	After	Right Exterior Girder	58.985	0.95	1	1	20.316652
Lane_str_opr	BOBJ1	183.76	Before	Left Exterior Girder	59.92	0.95	1	1	20.272071
Lane_str_opr	BOBJ1	183.76	Before	Right Exterior Girder	59.92	0.95	1	1	20.272071
Lane_str_opr	BOBJ1	183.76	After	Left Exterior Girder	59.92	0.95	1	1	19.168783
Lane_str_opr	BOBJ1	183.76	After	Right Exterior Girder	59.92	0.95	1	1	19.168783
Lane_str_opr	BOBJ1	186.26	Before	Interior Girder 1	62.42	0.95	1	1	23.815836
Lane_str_opr	BOBJ1	186.26	Before	Interior Girder 2	62.42	0.95	1	1	23.847001
Lane_str_opr	BOBJ1	186.26	Before	Interior Girder 3	62.42	0.95	1	1	20.748874
Lane_str_opr	BOBJ1	186.26	Before	Interior Girder 4	62.42	0.95	1	1	20.748874
Lane_str_opr	BOBJ1	186.26	Before	Interior Girder 5	62.42	0.95	1	1	23.847001
Lane_str_opr	BOBJ1	186.26	Before	Interior Girder 6	62.42	0.95	1	1	23.815836
Lane_str_opr	BOBJ1	186.26	After	Interior Girder 1	62.42	0.95	1	1	20.441434
Lane_str_opr	BOBJ1	186.26	After	Interior Girder 2	62.42	0.95	1	1	21.055915
Lane_str_opr	BOBJ1	186.26	After	Interior Girder 3	62.42	0.95	1	1	17.925598
Lane_str_opr	BOBJ1	186.26	After	Interior Girder 4	62.42	0.95	1	1	17.925598
Lane_str_opr	BOBJ1	186.26	After	Interior Girder 5	62.42	0.95	1	1	21.055915
Lane_str_opr	BOBJ1	186.26	After	Interior Girder 6	62.42	0.95	1	1	20.441434
Lane_str_opr	BOBJ1	191.26	Before	Left Exterior Girder	67.42	0.95	1	1	26.66793
Lane_str_opr	BOBJ1	191.26	Before	Interior Girder 1	67.42	0.95	1	1	20.121225
Lane_str_opr	BOBJ1	191.26	Before	Interior Girder 2	67.42	0.95	1	1	20.729793
Lane_str_opr	BOBJ1	191.26	Before	Interior Girder 3	67.42	0.95	1	1	17.641071
Lane_str_opr	BOBJ1	191.26	Before	Interior Girder 4	67.42	0.95	1	1	17.641071
Lane_str_opr	BOBJ1	191.26	Before	Interior Girder 5	67.42	0.95	1	1	20.729793
Lane_str_opr	BOBJ1	191.26	Before	Interior Girder 6	67.42	0.95	1	1	20.121225
Lane_str_opr	BOBJ1	191.26	Before	Right Exterior Girder	67.42	0.95	1	1	26.66793
Lane_str_opr	BOBJ1	191.26	After	Left Exterior Girder	0	0.95	1	1	27.442337
Lane_str_opr	BOBJ1	191.26	After	Interior Girder 1	0	0.95	1	1	20.499116
Lane_str_opr	BOBJ1	191.26	After	Interior Girder 2	0	0.95	1	1	21.0919
Lane_str_opr	BOBJ1	191.26	After	Interior Girder 3	0	0.95	1	1	17.817741
Lane_str_opr	BOBJ1	191.26	After	Interior Girder 4	0	0.95	1	1	17.817741
Lane_str_opr	BOBJ1	191.26	After	Interior Girder 5	0	0.95	1	1	21.0919
Lane_str_opr	BOBJ1	191.26	After	Interior Girder 6	0	0.95	1	1	20.499116
Lane_str_opr	BOBJ1	191.26	After	Right Exterior Girder	0	0.95	1	1	27.442337
Lane_str_opr	BOBJ1	196.26	Before	Interior Girder 1	5	0.95	1	1	20.825019
Lane_str_opr	BOBJ1	196.26	Before	Interior Girder 2	5	0.95	1	1	21.423456
Lane_str_opr	BOBJ1	196.26	Before	Interior Girder 3	5	0.95	1	1	18.105012

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Approach, Span 7-11									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Lane_str_opr	BOBJ1	196.26	Before	Interior Girder 4	5	0.95	1	1	18.105012
Lane_str_opr	BOBJ1	196.26	Before	Interior Girder 5	5	0.95	1	1	21.423456
Lane_str_opr	BOBJ1	196.26	Before	Interior Girder 6	5	0.95	1	1	20.825019
Lane_str_opr	BOBJ1	196.26	After	Interior Girder 1	5	0.95	1	1	24.323887
Lane_str_opr	BOBJ1	196.26	After	Interior Girder 2	5	0.95	1	1	24.308233
Lane_str_opr	BOBJ1	196.26	After	Interior Girder 3	5	0.95	1	1	20.978791
Lane_str_opr	BOBJ1	196.26	After	Interior Girder 4	5	0.95	1	1	20.978791
Lane_str_opr	BOBJ1	196.26	After	Interior Girder 5	5	0.95	1	1	24.308233
Lane_str_opr	BOBJ1	196.26	After	Interior Girder 6	5	0.95	1	1	24.323887
Lane_str_opr	BOBJ1	198.76	Before	Left Exterior Girder	7.5	0.95	1	1	19.75319
Lane_str_opr	BOBJ1	198.76	Before	Right Exterior Girder	7.5	0.95	1	1	19.75319
Lane_str_opr	BOBJ1	198.76	After	Left Exterior Girder	7.5	0.95	1	1	20.912731
Lane_str_opr	BOBJ1	198.76	After	Right Exterior Girder	7.5	0.95	1	1	20.912731
Lane_str_opr	BOBJ1	199.685	Before	Left Exterior Girder	8.425	0.95	1	1	20.958231
Lane_str_opr	BOBJ1	199.685	Before	Interior Girder 1	8.425	0.95	1	1	34.725599
Lane_str_opr	BOBJ1	199.685	Before	Interior Girder 2	8.425	0.95	1	1	24.554176
Lane_str_opr	BOBJ1	199.685	Before	Interior Girder 3	8.425	0.95	1	1	21.195497
Lane_str_opr	BOBJ1	199.685	Before	Interior Girder 4	8.425	0.95	1	1	21.195497
Lane_str_opr	BOBJ1	199.685	Before	Interior Girder 5	8.425	0.95	1	1	24.554176
Lane_str_opr	BOBJ1	199.685	Before	Interior Girder 6	8.425	0.95	1	1	34.725599
Lane_str_opr	BOBJ1	199.685	Before	Right Exterior Girder	8.425	0.95	1	1	20.958231
Lane_str_opr	BOBJ1	199.685	After	Left Exterior Girder	8.425	0.95	1	1	32.44681
Lane_str_opr	BOBJ1	199.685	After	Interior Girder 1	8.425	0.95	1	1	31.423226
Lane_str_opr	BOBJ1	199.685	After	Interior Girder 2	8.425	0.95	1	1	29.373833
Lane_str_opr	BOBJ1	199.685	After	Interior Girder 3	8.425	0.95	1	1	26.163436
Lane_str_opr	BOBJ1	199.685	After	Interior Girder 4	8.425	0.95	1	1	26.163436
Lane_str_opr	BOBJ1	199.685	After	Interior Girder 5	8.425	0.95	1	1	29.373833
Lane_str_opr	BOBJ1	199.685	After	Interior Girder 6	8.425	0.95	1	1	31.423226
Lane_str_opr	BOBJ1	199.685	After	Right Exterior Girder	8.425	0.95	1	1	32.44681
Lane_str_opr	BOBJ1	208.11	Before	Left Exterior Girder	16.85	0.95	1	1	33.0425
Lane_str_opr	BOBJ1	208.11	Before	Interior Girder 1	16.85	0.95	1	1	32.20324
Lane_str_opr	BOBJ1	208.11	Before	Interior Girder 2	16.85	0.95	1	1	30.094447
Lane_str_opr	BOBJ1	208.11	Before	Interior Girder 3	16.85	0.95	1	1	26.815833
Lane_str_opr	BOBJ1	208.11	Before	Interior Girder 4	16.85	0.95	1	1	26.815833
Lane_str_opr	BOBJ1	208.11	Before	Interior Girder 5	16.85	0.95	1	1	30.094447
Lane_str_opr	BOBJ1	208.11	Before	Interior Girder 6	16.85	0.95	1	1	32.20324
Lane_str_opr	BOBJ1	208.11	Before	Right Exterior Girder	16.85	0.95	1	1	33.0425
Lane_str_opr	BOBJ1	208.11	After	Left Exterior Girder	16.85	0.95	1	1	56.833026
Lane_str_opr	BOBJ1	208.11	After	Interior Girder 1	16.85	0.95	1	1	38.707464
Lane_str_opr	BOBJ1	208.11	After	Interior Girder 2	16.85	0.95	1	1	38.055038
Lane_str_opr	BOBJ1	208.11	After	Interior Girder 3	16.85	0.95	1	1	37.789945
Lane_str_opr	BOBJ1	208.11	After	Interior Girder 4	16.85	0.95	1	1	37.789945
Lane_str_opr	BOBJ1	208.11	After	Interior Girder 5	16.85	0.95	1	1	38.055038
Lane_str_opr	BOBJ1	208.11	After	Interior Girder 6	16.85	0.95	1	1	38.707464
Lane_str_opr	BOBJ1	208.11	After	Right Exterior Girder	16.85	0.95	1	1	56.833026
Lane_str_opr	BOBJ1	216.535	Before	Left Exterior Girder	25.275	0.95	1	1	57.821714
Lane_str_opr	BOBJ1	216.535	Before	Interior Girder 1	25.275	0.95	1	1	39.634652
Lane_str_opr	BOBJ1	216.535	Before	Interior Girder 2	25.275	0.95	1	1	38.964844
Lane_str_opr	BOBJ1	216.535	Before	Interior Girder 3	25.275	0.95	1	1	38.692782
Lane_str_opr	BOBJ1	216.535	Before	Interior Girder 4	25.275	0.95	1	1	38.692782
Lane_str_opr	BOBJ1	216.535	Before	Interior Girder 5	25.275	0.95	1	1	38.964844
Lane_str_opr	BOBJ1	216.535	Before	Interior Girder 6	25.275	0.95	1	1	39.634652
Lane_str_opr	BOBJ1	216.535	Before	Right Exterior Girder	25.275	0.95	1	1	57.821714
Lane_str_opr	BOBJ1	216.535	After	Left Exterior Girder	25.275	0.95	1	1	70.653577
Lane_str_opr	BOBJ1	216.535	After	Interior Girder 1	25.275	0.95	1	1	57.754936
Lane_str_opr	BOBJ1	216.535	After	Interior Girder 2	25.275	0.95	1	1	53.416209
Lane_str_opr	BOBJ1	216.535	After	Interior Girder 3	25.275	0.95	1	1	54.714918
Lane_str_opr	BOBJ1	216.535	After	Interior Girder 4	25.275	0.95	1	1	54.714918
Lane_str_opr	BOBJ1	216.535	After	Interior Girder 5	25.275	0.95	1	1	53.416209
Lane_str_opr	BOBJ1	216.535	After	Interior Girder 6	25.275	0.95	1	1	57.754936
Lane_str_opr	BOBJ1	216.535	After	Right Exterior Girder	25.275	0.95	1	1	70.653577
Lane_str_opr	BOBJ1	224.96	Before	Left Exterior Girder	33.7	0.95	1	1	71.822363
Lane_str_opr	BOBJ1	224.96	Before	Interior Girder 1	33.7	0.95	1	1	59.096737
Lane_str_opr	BOBJ1	224.96	Before	Interior Girder 2	33.7	0.95	1	1	54.652132
Lane_str_opr	BOBJ1	224.96	Before	Interior Girder 3	33.7	0.95	1	1	55.980213

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Approach, Span 7-11									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Lane_str_opr	BOBJ1	224.96	Before	Interior Girder 4	33.7	0.95	1	1	55.980213
Lane_str_opr	BOBJ1	224.96	Before	Interior Girder 5	33.7	0.95	1	1	54.652132
Lane_str_opr	BOBJ1	224.96	Before	Interior Girder 6	33.7	0.95	1	1	59.096737
Lane_str_opr	BOBJ1	224.96	Before	Right Exterior Girder	33.7	0.95	1	1	71.822363
Lane_str_opr	BOBJ1	224.96	After	Left Exterior Girder	33.7	0.95	1	1	69.675214
Lane_str_opr	BOBJ1	224.96	After	Interior Girder 1	33.7	0.95	1	1	58.455483
Lane_str_opr	BOBJ1	224.96	After	Interior Girder 2	33.7	0.95	1	1	54.204953
Lane_str_opr	BOBJ1	224.96	After	Interior Girder 3	33.7	0.95	1	1	55.61006
Lane_str_opr	BOBJ1	224.96	After	Interior Girder 4	33.7	0.95	1	1	55.61006
Lane_str_opr	BOBJ1	224.96	After	Interior Girder 5	33.7	0.95	1	1	54.204953
Lane_str_opr	BOBJ1	224.96	After	Interior Girder 6	33.7	0.95	1	1	58.455483
Lane_str_opr	BOBJ1	224.96	After	Right Exterior Girder	33.7	0.95	1	1	69.675214
Lane_str_opr	BOBJ1	233.385	Before	Left Exterior Girder	42.125	0.95	1	1	68.538602
Lane_str_opr	BOBJ1	233.385	Before	Interior Girder 1	42.125	0.95	1	1	57.126874
Lane_str_opr	BOBJ1	233.385	Before	Interior Girder 2	42.125	0.95	1	1	52.978542
Lane_str_opr	BOBJ1	233.385	Before	Interior Girder 3	42.125	0.95	1	1	54.352574
Lane_str_opr	BOBJ1	233.385	Before	Interior Girder 4	42.125	0.95	1	1	54.352574
Lane_str_opr	BOBJ1	233.385	Before	Interior Girder 5	42.125	0.95	1	1	52.978542
Lane_str_opr	BOBJ1	233.385	Before	Interior Girder 6	42.125	0.95	1	1	57.126874
Lane_str_opr	BOBJ1	233.385	Before	Right Exterior Girder	42.125	0.95	1	1	68.538602
Lane_str_opr	BOBJ1	233.385	After	Left Exterior Girder	42.125	0.95	1	1	56.097678
Lane_str_opr	BOBJ1	233.385	After	Interior Girder 1	42.125	0.95	1	1	39.241756
Lane_str_opr	BOBJ1	233.385	After	Interior Girder 2	42.125	0.95	1	1	38.659915
Lane_str_opr	BOBJ1	233.385	After	Interior Girder 3	42.125	0.95	1	1	38.442947
Lane_str_opr	BOBJ1	233.385	After	Interior Girder 4	42.125	0.95	1	1	38.442947
Lane_str_opr	BOBJ1	233.385	After	Interior Girder 5	42.125	0.95	1	1	38.659915
Lane_str_opr	BOBJ1	233.385	After	Interior Girder 6	42.125	0.95	1	1	39.241756
Lane_str_opr	BOBJ1	233.385	After	Right Exterior Girder	42.125	0.95	1	1	56.097678
Lane_str_opr	BOBJ1	241.81	Before	Left Exterior Girder	50.55	0.95	1	1	55.135952
Lane_str_opr	BOBJ1	241.81	Before	Interior Girder 1	50.55	0.95	1	1	38.32286
Lane_str_opr	BOBJ1	241.81	Before	Interior Girder 2	50.55	0.95	1	1	37.756785
Lane_str_opr	BOBJ1	241.81	Before	Interior Girder 3	50.55	0.95	1	1	37.545495
Lane_str_opr	BOBJ1	241.81	Before	Interior Girder 4	50.55	0.95	1	1	37.545495
Lane_str_opr	BOBJ1	241.81	Before	Interior Girder 5	50.55	0.95	1	1	37.756785
Lane_str_opr	BOBJ1	241.81	Before	Interior Girder 6	50.55	0.95	1	1	38.32286
Lane_str_opr	BOBJ1	241.81	Before	Right Exterior Girder	50.55	0.95	1	1	55.135952
Lane_str_opr	BOBJ1	241.81	After	Left Exterior Girder	50.55	0.95	1	1	33.887992
Lane_str_opr	BOBJ1	241.81	After	Interior Girder 1	50.55	0.95	1	1	34.124651
Lane_str_opr	BOBJ1	241.81	After	Interior Girder 2	50.55	0.95	1	1	31.299842
Lane_str_opr	BOBJ1	241.81	After	Interior Girder 3	50.55	0.95	1	1	28.331082
Lane_str_opr	BOBJ1	241.81	After	Interior Girder 4	50.55	0.95	1	1	28.331082
Lane_str_opr	BOBJ1	241.81	After	Interior Girder 5	50.55	0.95	1	1	31.299842
Lane_str_opr	BOBJ1	241.81	After	Interior Girder 6	50.55	0.95	1	1	34.124651
Lane_str_opr	BOBJ1	241.81	After	Right Exterior Girder	50.55	0.95	1	1	33.887992
Lane_str_opr	BOBJ1	245.18	Before	Left Exterior Girder	53.92	0.95	1	1	33.64514
Lane_str_opr	BOBJ1	245.18	Before	Interior Girder 1	53.92	0.95	1	1	33.795003
Lane_str_opr	BOBJ1	245.18	Before	Interior Girder 2	53.92	0.95	1	1	31.000693
Lane_str_opr	BOBJ1	245.18	Before	Interior Girder 3	53.92	0.95	1	1	28.055983
Lane_str_opr	BOBJ1	245.18	Before	Interior Girder 4	53.92	0.95	1	1	28.055983
Lane_str_opr	BOBJ1	245.18	Before	Interior Girder 5	53.92	0.95	1	1	31.000693
Lane_str_opr	BOBJ1	245.18	Before	Interior Girder 6	53.92	0.95	1	1	33.795003
Lane_str_opr	BOBJ1	245.18	Before	Right Exterior Girder	53.92	0.95	1	1	33.64514
Lane_str_opr	BOBJ1	245.18	After	Left Exterior Girder	53.92	0.95	1	1	35.153172
Lane_str_opr	BOBJ1	245.18	After	Interior Girder 1	53.92	0.95	1	1	30.799737
Lane_str_opr	BOBJ1	245.18	After	Interior Girder 2	53.92	0.95	1	1	29.152241
Lane_str_opr	BOBJ1	245.18	After	Interior Girder 3	53.92	0.95	1	1	26.010503
Lane_str_opr	BOBJ1	245.18	After	Interior Girder 4	53.92	0.95	1	1	26.010503
Lane_str_opr	BOBJ1	245.18	After	Interior Girder 5	53.92	0.95	1	1	29.152241
Lane_str_opr	BOBJ1	245.18	After	Interior Girder 6	53.92	0.95	1	1	30.799737
Lane_str_opr	BOBJ1	245.18	After	Right Exterior Girder	53.92	0.95	1	1	35.153172
Lane_str_opr	BOBJ1	250.245	Before	Left Exterior Girder	58.985	0.95	1	1	34.797577
Lane_str_opr	BOBJ1	250.245	Before	Interior Girder 1	58.985	0.95	1	1	30.363093
Lane_str_opr	BOBJ1	250.245	Before	Interior Girder 2	58.985	0.95	1	1	28.743035
Lane_str_opr	BOBJ1	250.245	Before	Interior Girder 3	58.985	0.95	1	1	25.639244
Lane_str_opr	BOBJ1	250.245	Before	Interior Girder 4	58.985	0.95	1	1	25.639244

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Approach, Span 7-11									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Lane_str_opr	BOBJ1	250.245	Before	Interior Girder 5	58.985	0.95	1	1	28.743035
Lane_str_opr	BOBJ1	250.245	Before	Interior Girder 6	58.985	0.95	1	1	30.363093
Lane_str_opr	BOBJ1	250.245	Before	Right Exterior Girder	58.985	0.95	1	1	34.797577
Lane_str_opr	BOBJ1	250.245	After	Left Exterior Girder	58.985	0.95	1	1	28.597466
Lane_str_opr	BOBJ1	250.245	After	Interior Girder 1	58.985	0.95	1	1	28.532635
Lane_str_opr	BOBJ1	250.245	After	Interior Girder 2	58.985	0.95	1	1	25.260478
Lane_str_opr	BOBJ1	250.245	After	Interior Girder 3	58.985	0.95	1	1	22.034826
Lane_str_opr	BOBJ1	250.245	After	Interior Girder 4	58.985	0.95	1	1	22.034826
Lane_str_opr	BOBJ1	250.245	After	Interior Girder 5	58.985	0.95	1	1	25.260478
Lane_str_opr	BOBJ1	250.245	After	Interior Girder 6	58.985	0.95	1	1	28.532635
Lane_str_opr	BOBJ1	250.245	After	Right Exterior Girder	58.985	0.95	1	1	28.597466
Lane_str_opr	BOBJ1	251.68	Before	Left Exterior Girder	60.42	0.95	1	1	28.512046
Lane_str_opr	BOBJ1	251.68	Before	Right Exterior Girder	60.42	0.95	1	1	28.512046
Lane_str_opr	BOBJ1	251.68	After	Left Exterior Girder	60.42	0.95	1	1	26.874691
Lane_str_opr	BOBJ1	251.68	After	Right Exterior Girder	60.42	0.95	1	1	26.874691
Lane_str_opr	BOBJ1	254.18	Before	Interior Girder 1	62.92	0.95	1	1	24.947147
Lane_str_opr	BOBJ1	254.18	Before	Interior Girder 2	62.92	0.95	1	1	24.980145
Lane_str_opr	BOBJ1	254.18	Before	Interior Girder 3	62.92	0.95	1	1	21.785396
Lane_str_opr	BOBJ1	254.18	Before	Interior Girder 4	62.92	0.95	1	1	21.785396
Lane_str_opr	BOBJ1	254.18	Before	Interior Girder 5	62.92	0.95	1	1	24.980145
Lane_str_opr	BOBJ1	254.18	Before	Interior Girder 6	62.92	0.95	1	1	24.947147
Lane_str_opr	BOBJ1	254.18	After	Interior Girder 1	62.92	0.95	1	1	21.497886
Lane_str_opr	BOBJ1	254.18	After	Interior Girder 2	62.92	0.95	1	1	22.157121
Lane_str_opr	BOBJ1	254.18	After	Interior Girder 3	62.92	0.95	1	1	18.862699
Lane_str_opr	BOBJ1	254.18	After	Interior Girder 4	62.92	0.95	1	1	18.862699
Lane_str_opr	BOBJ1	254.18	After	Interior Girder 5	62.92	0.95	1	1	22.157121
Lane_str_opr	BOBJ1	254.18	After	Interior Girder 6	62.92	0.95	1	1	21.497886
Lane_str_opr	BOBJ1	258.68	Before	Left Exterior Girder	67.42	0.95	1	1	30.809985
Lane_str_opr	BOBJ1	258.68	Before	Interior Girder 1	67.42	0.95	1	1	21.212104
Lane_str_opr	BOBJ1	258.68	Before	Interior Girder 2	67.42	0.95	1	1	21.865441
Lane_str_opr	BOBJ1	258.68	Before	Interior Girder 3	67.42	0.95	1	1	18.608239
Lane_str_opr	BOBJ1	258.68	Before	Interior Girder 4	67.42	0.95	1	1	18.608239
Lane_str_opr	BOBJ1	258.68	Before	Interior Girder 5	67.42	0.95	1	1	21.865441
Lane_str_opr	BOBJ1	258.68	Before	Interior Girder 6	67.42	0.95	1	1	21.212104
Lane_str_opr	BOBJ1	258.68	Before	Right Exterior Girder	67.42	0.95	1	1	30.809985
Lane_str_opr	BOBJ1	258.68	After	Left Exterior Girder	0	0.95	1	1	35.146811
Lane_str_opr	BOBJ1	258.68	After	Interior Girder 1	0	0.95	1	1	21.864882
Lane_str_opr	BOBJ1	258.68	After	Interior Girder 2	0	0.95	1	1	22.516049
Lane_str_opr	BOBJ1	258.68	After	Interior Girder 3	0	0.95	1	1	18.972842
Lane_str_opr	BOBJ1	258.68	After	Interior Girder 4	0	0.95	1	1	18.972842
Lane_str_opr	BOBJ1	258.68	After	Interior Girder 5	0	0.95	1	1	22.516049
Lane_str_opr	BOBJ1	258.68	After	Interior Girder 6	0	0.95	1	1	21.864882
Lane_str_opr	BOBJ1	258.68	After	Right Exterior Girder	0	0.95	1	1	35.146811
Lane_str_opr	BOBJ1	263.18	Before	Interior Girder 1	4.5	0.95	1	1	22.161131
Lane_str_opr	BOBJ1	263.18	Before	Interior Girder 2	4.5	0.95	1	1	22.818196
Lane_str_opr	BOBJ1	263.18	Before	Interior Girder 3	4.5	0.95	1	1	19.233434
Lane_str_opr	BOBJ1	263.18	Before	Interior Girder 4	4.5	0.95	1	1	19.233434
Lane_str_opr	BOBJ1	263.18	Before	Interior Girder 5	4.5	0.95	1	1	22.818196
Lane_str_opr	BOBJ1	263.18	Before	Interior Girder 6	4.5	0.95	1	1	22.161131
Lane_str_opr	BOBJ1	263.18	After	Interior Girder 1	4.5	0.95	1	1	26.413275
Lane_str_opr	BOBJ1	263.18	After	Interior Girder 2	4.5	0.95	1	1	26.328951
Lane_str_opr	BOBJ1	263.18	After	Interior Girder 3	4.5	0.95	1	1	22.849271
Lane_str_opr	BOBJ1	263.18	After	Interior Girder 4	4.5	0.95	1	1	22.849271
Lane_str_opr	BOBJ1	263.18	After	Interior Girder 5	4.5	0.95	1	1	26.328951
Lane_str_opr	BOBJ1	263.18	After	Interior Girder 6	4.5	0.95	1	1	26.413275
Lane_str_opr	BOBJ1	265.68	Before	Left Exterior Girder	7	0.95	1	1	31.022416
Lane_str_opr	BOBJ1	265.68	Before	Right Exterior Girder	7	0.95	1	1	31.022416
Lane_str_opr	BOBJ1	265.68	After	Left Exterior Girder	7	0.95	1	1	33.402954
Lane_str_opr	BOBJ1	265.68	After	Right Exterior Girder	7	0.95	1	1	33.402954
Lane_str_opr	BOBJ1	268.08	Before	Left Exterior Girder	9.4	0.95	1	1	33.570731
Lane_str_opr	BOBJ1	268.08	Before	Interior Girder 1	9.4	0.95	1	1	29.498506
Lane_str_opr	BOBJ1	268.08	Before	Interior Girder 2	9.4	0.95	1	1	26.69893
Lane_str_opr	BOBJ1	268.08	Before	Interior Girder 3	9.4	0.95	1	1	23.176201
Lane_str_opr	BOBJ1	268.08	Before	Interior Girder 4	9.4	0.95	1	1	23.176201
Lane_str_opr	BOBJ1	268.08	Before	Interior Girder 5	9.4	0.95	1	1	26.69893

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Approach, Span 7-11									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Lane_str_opr	BOBJ1	268.08	Before	Interior Girder 6	9.4	0.95	1	1	29.498506
Lane_str_opr	BOBJ1	268.08	Before	Right Exterior Girder	9.4	0.95	1	1	33.570731
Lane_str_opr	BOBJ1	268.08	After	Left Exterior Girder	9.4	0.95	1	1	42.331792
Lane_str_opr	BOBJ1	268.08	After	Interior Girder 1	9.4	0.95	1	1	36.845965
Lane_str_opr	BOBJ1	268.08	After	Interior Girder 2	9.4	0.95	1	1	33.583082
Lane_str_opr	BOBJ1	268.08	After	Interior Girder 3	9.4	0.95	1	1	30.147551
Lane_str_opr	BOBJ1	268.08	After	Interior Girder 4	9.4	0.95	1	1	30.147551
Lane_str_opr	BOBJ1	268.08	After	Interior Girder 5	9.4	0.95	1	1	33.583082
Lane_str_opr	BOBJ1	268.08	After	Interior Girder 6	9.4	0.95	1	1	36.845965
Lane_str_opr	BOBJ1	268.08	After	Right Exterior Girder	9.4	0.95	1	1	42.331792
Lane_str_opr	BOBJ1	277.48	Before	Left Exterior Girder	18.8	0.95	1	1	43.129286
Lane_str_opr	BOBJ1	277.48	Before	Interior Girder 1	18.8	0.95	1	1	37.830141
Lane_str_opr	BOBJ1	277.48	Before	Interior Girder 2	18.8	0.95	1	1	34.470997
Lane_str_opr	BOBJ1	277.48	Before	Interior Girder 3	18.8	0.95	1	1	30.955485
Lane_str_opr	BOBJ1	277.48	Before	Interior Girder 4	18.8	0.95	1	1	30.955485
Lane_str_opr	BOBJ1	277.48	Before	Interior Girder 5	18.8	0.95	1	1	34.470997
Lane_str_opr	BOBJ1	277.48	Before	Interior Girder 6	18.8	0.95	1	1	37.830141
Lane_str_opr	BOBJ1	277.48	Before	Right Exterior Girder	18.8	0.95	1	1	43.129286
Lane_str_opr	BOBJ1	277.48	After	Left Exterior Girder	18.8	0.95	1	1	87.93773
Lane_str_opr	BOBJ1	277.48	After	Interior Girder 1	18.8	0.95	1	1	47.255604
Lane_str_opr	BOBJ1	277.48	After	Interior Girder 2	18.8	0.95	1	1	47.307032
Lane_str_opr	BOBJ1	277.48	After	Interior Girder 3	18.8	0.95	1	1	45.702183
Lane_str_opr	BOBJ1	277.48	After	Interior Girder 4	18.8	0.95	1	1	45.702183
Lane_str_opr	BOBJ1	277.48	After	Interior Girder 5	18.8	0.95	1	1	47.307032
Lane_str_opr	BOBJ1	277.48	After	Interior Girder 6	18.8	0.95	1	1	47.255604
Lane_str_opr	BOBJ1	277.48	After	Right Exterior Girder	18.8	0.95	1	1	87.93773
Lane_str_opr	BOBJ1	286.88	Before	Left Exterior Girder	28.2	0.95	1	1	89.508956
Lane_str_opr	BOBJ1	286.88	Before	Interior Girder 1	28.2	0.95	1	1	48.470338
Lane_str_opr	BOBJ1	286.88	Before	Interior Girder 2	28.2	0.95	1	1	48.521455
Lane_str_opr	BOBJ1	286.88	Before	Interior Girder 3	28.2	0.95	1	1	46.873998
Lane_str_opr	BOBJ1	286.88	Before	Interior Girder 4	28.2	0.95	1	1	46.873998
Lane_str_opr	BOBJ1	286.88	Before	Interior Girder 5	28.2	0.95	1	1	48.521455
Lane_str_opr	BOBJ1	286.88	Before	Interior Girder 6	28.2	0.95	1	1	48.470338
Lane_str_opr	BOBJ1	286.88	Before	Right Exterior Girder	28.2	0.95	1	1	89.508956
Lane_str_opr	BOBJ1	286.88	After	Left Exterior Girder	28.2	0.95	1	1	119.836412
Lane_str_opr	BOBJ1	286.88	After	Interior Girder 1	28.2	0.95	1	1	79.625648
Lane_str_opr	BOBJ1	286.88	After	Interior Girder 2	28.2	0.95	1	1	74.740926
Lane_str_opr	BOBJ1	286.88	After	Interior Girder 3	28.2	0.95	1	1	76.93688
Lane_str_opr	BOBJ1	286.88	After	Interior Girder 4	28.2	0.95	1	1	76.93688
Lane_str_opr	BOBJ1	286.88	After	Interior Girder 5	28.2	0.95	1	1	74.740926
Lane_str_opr	BOBJ1	286.88	After	Interior Girder 6	28.2	0.95	1	1	79.625648
Lane_str_opr	BOBJ1	286.88	After	Right Exterior Girder	28.2	0.95	1	1	119.836412
Lane_str_opr	BOBJ1	296.28	Before	Left Exterior Girder	37.6	0.95	1	1	121.872256
Lane_str_opr	BOBJ1	296.28	Before	Interior Girder 1	37.6	0.95	1	1	81.606732
Lane_str_opr	BOBJ1	296.28	Before	Interior Girder 2	37.6	0.95	1	1	76.593467
Lane_str_opr	BOBJ1	296.28	Before	Interior Girder 3	37.6	0.95	1	1	78.842098
Lane_str_opr	BOBJ1	296.28	Before	Interior Girder 4	37.6	0.95	1	1	78.842098
Lane_str_opr	BOBJ1	296.28	Before	Interior Girder 5	37.6	0.95	1	1	76.593467
Lane_str_opr	BOBJ1	296.28	Before	Interior Girder 6	37.6	0.95	1	1	81.606732
Lane_str_opr	BOBJ1	296.28	Before	Right Exterior Girder	37.6	0.95	1	1	121.872256
Lane_str_opr	BOBJ1	296.28	After	Left Exterior Girder	37.6	0.95	1	1	73.102666
Lane_str_opr	BOBJ1	296.28	After	Interior Girder 1	37.6	0.95	1	1	65.616245
Lane_str_opr	BOBJ1	296.28	After	Interior Girder 2	37.6	0.95	1	1	58.882068
Lane_str_opr	BOBJ1	296.28	After	Interior Girder 3	37.6	0.95	1	1	60.158438
Lane_str_opr	BOBJ1	296.28	After	Interior Girder 4	37.6	0.95	1	1	60.158438
Lane_str_opr	BOBJ1	296.28	After	Interior Girder 5	37.6	0.95	1	1	58.882068
Lane_str_opr	BOBJ1	296.28	After	Interior Girder 6	37.6	0.95	1	1	65.616245
Lane_str_opr	BOBJ1	296.28	After	Right Exterior Girder	37.6	0.95	1	1	73.102666
Lane_str_opr	BOBJ1	305.69	Before	Left Exterior Girder	47.01	0.95	1	1	71.851531
Lane_str_opr	BOBJ1	305.69	Before	Interior Girder 1	47.01	0.95	1	1	63.989463
Lane_str_opr	BOBJ1	305.69	Before	Interior Girder 2	47.01	0.95	1	1	57.430693
Lane_str_opr	BOBJ1	305.69	Before	Interior Girder 3	47.01	0.95	1	1	58.672471
Lane_str_opr	BOBJ1	305.69	Before	Interior Girder 4	47.01	0.95	1	1	58.672471
Lane_str_opr	BOBJ1	305.69	Before	Interior Girder 5	47.01	0.95	1	1	57.430693
Lane_str_opr	BOBJ1	305.69	Before	Interior Girder 6	47.01	0.95	1	1	63.989463

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Approach, Span 7-11									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Lane_str_opr	BOBJ1	305.69	Before	Right Exterior Girder	47.01	0.95	1	1	71.851531
Lane_str_opr	BOBJ1	305.69	After	Left Exterior Girder	47.01	0.95	1	1	57.190134
Lane_str_opr	BOBJ1	305.69	After	Interior Girder 1	47.01	0.95	1	1	39.368689
Lane_str_opr	BOBJ1	305.69	After	Interior Girder 2	47.01	0.95	1	1	38.464591
Lane_str_opr	BOBJ1	305.69	After	Interior Girder 3	47.01	0.95	1	1	37.561629
Lane_str_opr	BOBJ1	305.69	After	Interior Girder 4	47.01	0.95	1	1	37.561629
Lane_str_opr	BOBJ1	305.69	After	Interior Girder 5	47.01	0.95	1	1	38.464591
Lane_str_opr	BOBJ1	305.69	After	Interior Girder 6	47.01	0.95	1	1	39.368689
Lane_str_opr	BOBJ1	305.69	After	Right Exterior Girder	47.01	0.95	1	1	57.190134
Lane_str_opr	BOBJ1	315.1	Before	Left Exterior Girder	56.42	0.95	1	1	56.159593
Lane_str_opr	BOBJ1	315.1	Before	Interior Girder 1	56.42	0.95	1	1	38.361003
Lane_str_opr	BOBJ1	315.1	Before	Interior Girder 2	56.42	0.95	1	1	37.48359
Lane_str_opr	BOBJ1	315.1	Before	Interior Girder 3	56.42	0.95	1	1	36.600395
Lane_str_opr	BOBJ1	315.1	Before	Interior Girder 4	56.42	0.95	1	1	36.600395
Lane_str_opr	BOBJ1	315.1	Before	Interior Girder 5	56.42	0.95	1	1	37.48359
Lane_str_opr	BOBJ1	315.1	Before	Interior Girder 6	56.42	0.95	1	1	38.361003
Lane_str_opr	BOBJ1	315.1	Before	Right Exterior Girder	56.42	0.95	1	1	56.159593
Lane_str_inv	BOBJ1	0	After	Left Exterior Girder	0	0.95	1	1	43.349986
Lane_str_inv	BOBJ1	0	After	Interior Girder 1	0	0.95	1	1	29.591451
Lane_str_inv	BOBJ1	0	After	Interior Girder 2	0	0.95	1	1	28.923123
Lane_str_inv	BOBJ1	0	After	Interior Girder 3	0	0.95	1	1	28.229838
Lane_str_inv	BOBJ1	0	After	Interior Girder 4	0	0.95	1	1	28.229838
Lane_str_inv	BOBJ1	0	After	Interior Girder 5	0	0.95	1	1	28.923123
Lane_str_inv	BOBJ1	0	After	Interior Girder 6	0	0.95	1	1	29.591451
Lane_str_inv	BOBJ1	0	After	Right Exterior Girder	0	0.95	1	1	43.349986
Lane_str_inv	BOBJ1	9.4	Before	Left Exterior Girder	9.4	0.95	1	1	44.14361
Lane_str_inv	BOBJ1	9.4	Before	Interior Girder 1	9.4	0.95	1	1	30.368067
Lane_str_inv	BOBJ1	9.4	Before	Interior Girder 2	9.4	0.95	1	1	29.679159
Lane_str_inv	BOBJ1	9.4	Before	Interior Girder 3	9.4	0.95	1	1	28.970114
Lane_str_inv	BOBJ1	9.4	Before	Interior Girder 4	9.4	0.95	1	1	28.970114
Lane_str_inv	BOBJ1	9.4	Before	Interior Girder 5	9.4	0.95	1	1	29.679159
Lane_str_inv	BOBJ1	9.4	Before	Interior Girder 6	9.4	0.95	1	1	30.368067
Lane_str_inv	BOBJ1	9.4	Before	Right Exterior Girder	9.4	0.95	1	1	44.14361
Lane_str_inv	BOBJ1	9.4	After	Left Exterior Girder	9.4	0.95	1	1	55.416913
Lane_str_inv	BOBJ1	9.4	After	Interior Girder 1	9.4	0.95	1	1	49.333703
Lane_str_inv	BOBJ1	9.4	After	Interior Girder 2	9.4	0.95	1	1	44.279121
Lane_str_inv	BOBJ1	9.4	After	Interior Girder 3	9.4	0.95	1	1	45.218163
Lane_str_inv	BOBJ1	9.4	After	Interior Girder 4	9.4	0.95	1	1	45.218163
Lane_str_inv	BOBJ1	9.4	After	Interior Girder 5	9.4	0.95	1	1	44.279121
Lane_str_inv	BOBJ1	9.4	After	Interior Girder 6	9.4	0.95	1	1	49.333703
Lane_str_inv	BOBJ1	9.4	After	Right Exterior Girder	9.4	0.95	1	1	55.416913
Lane_str_inv	BOBJ1	18.8	Before	Left Exterior Girder	18.8	0.95	1	1	56.379798
Lane_str_inv	BOBJ1	18.8	Before	Interior Girder 1	18.8	0.95	1	1	50.586672
Lane_str_inv	BOBJ1	18.8	Before	Interior Girder 2	18.8	0.95	1	1	45.396799
Lane_str_inv	BOBJ1	18.8	Before	Interior Girder 3	18.8	0.95	1	1	46.361754
Lane_str_inv	BOBJ1	18.8	Before	Interior Girder 4	18.8	0.95	1	1	46.361754
Lane_str_inv	BOBJ1	18.8	Before	Interior Girder 5	18.8	0.95	1	1	45.396799
Lane_str_inv	BOBJ1	18.8	Before	Interior Girder 6	18.8	0.95	1	1	50.586672
Lane_str_inv	BOBJ1	18.8	Before	Right Exterior Girder	18.8	0.95	1	1	56.379798
Lane_str_inv	BOBJ1	18.8	After	Left Exterior Girder	18.8	0.95	1	1	94.158519
Lane_str_inv	BOBJ1	18.8	After	Interior Girder 1	18.8	0.95	1	1	62.970363
Lane_str_inv	BOBJ1	18.8	After	Interior Girder 2	18.8	0.95	1	1	59.121268
Lane_str_inv	BOBJ1	18.8	After	Interior Girder 3	18.8	0.95	1	1	60.890626
Lane_str_inv	BOBJ1	18.8	After	Interior Girder 4	18.8	0.95	1	1	60.890626
Lane_str_inv	BOBJ1	18.8	After	Interior Girder 5	18.8	0.95	1	1	59.121268
Lane_str_inv	BOBJ1	18.8	After	Interior Girder 6	18.8	0.95	1	1	62.970363
Lane_str_inv	BOBJ1	18.8	After	Right Exterior Girder	18.8	0.95	1	1	94.158519
Lane_str_inv	BOBJ1	28.2	Before	Left Exterior Girder	28.2	0.95	1	1	92.584734
Lane_str_inv	BOBJ1	28.2	Before	Interior Girder 1	28.2	0.95	1	1	61.441043
Lane_str_inv	BOBJ1	28.2	Before	Interior Girder 2	28.2	0.95	1	1	57.691004
Lane_str_inv	BOBJ1	28.2	Before	Interior Girder 3	28.2	0.95	1	1	59.419028
Lane_str_inv	BOBJ1	28.2	Before	Interior Girder 4	28.2	0.95	1	1	59.419028
Lane_str_inv	BOBJ1	28.2	Before	Interior Girder 5	28.2	0.95	1	1	57.691004
Lane_str_inv	BOBJ1	28.2	Before	Interior Girder 6	28.2	0.95	1	1	61.441043
Lane_str_inv	BOBJ1	28.2	Before	Right Exterior Girder	28.2	0.95	1	1	92.584734

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Approach, Span 7-11									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Lane_str_inv	BOBJ1	28.2	After	Left Exterior Girder	28.2	0.95	1	1	69.118353
Lane_str_inv	BOBJ1	28.2	After	Interior Girder 1	28.2	0.95	1	1	37.39277
Lane_str_inv	BOBJ1	28.2	After	Interior Girder 2	28.2	0.95	1	1	37.442749
Lane_str_inv	BOBJ1	28.2	After	Interior Girder 3	28.2	0.95	1	1	36.18214
Lane_str_inv	BOBJ1	28.2	After	Interior Girder 4	28.2	0.95	1	1	36.18214
Lane_str_inv	BOBJ1	28.2	After	Interior Girder 5	28.2	0.95	1	1	37.442749
Lane_str_inv	BOBJ1	28.2	After	Interior Girder 6	28.2	0.95	1	1	37.39277
Lane_str_inv	BOBJ1	28.2	After	Right Exterior Girder	28.2	0.95	1	1	69.118353
Lane_str_inv	BOBJ1	37.6	Before	Left Exterior Girder	37.6	0.95	1	1	67.904347
Lane_str_inv	BOBJ1	37.6	Before	Interior Girder 1	37.6	0.95	1	1	36.455235
Lane_str_inv	BOBJ1	37.6	Before	Interior Girder 2	37.6	0.95	1	1	36.505384
Lane_str_inv	BOBJ1	37.6	Before	Interior Girder 3	37.6	0.95	1	1	35.27751
Lane_str_inv	BOBJ1	37.6	Before	Interior Girder 4	37.6	0.95	1	1	35.27751
Lane_str_inv	BOBJ1	37.6	Before	Interior Girder 5	37.6	0.95	1	1	36.505384
Lane_str_inv	BOBJ1	37.6	Before	Interior Girder 6	37.6	0.95	1	1	36.455235
Lane_str_inv	BOBJ1	37.6	Before	Right Exterior Girder	37.6	0.95	1	1	67.904347
Lane_str_inv	BOBJ1	37.6	After	Left Exterior Girder	37.6	0.95	1	1	33.304587
Lane_str_inv	BOBJ1	37.6	After	Interior Girder 1	37.6	0.95	1	1	29.16688
Lane_str_inv	BOBJ1	37.6	After	Interior Girder 2	37.6	0.95	1	1	26.58132
Lane_str_inv	BOBJ1	37.6	After	Interior Girder 3	37.6	0.95	1	1	23.900292
Lane_str_inv	BOBJ1	37.6	After	Interior Girder 4	37.6	0.95	1	1	23.900292
Lane_str_inv	BOBJ1	37.6	After	Interior Girder 5	37.6	0.95	1	1	26.58132
Lane_str_inv	BOBJ1	37.6	After	Interior Girder 6	37.6	0.95	1	1	29.16688
Lane_str_inv	BOBJ1	37.6	After	Right Exterior Girder	37.6	0.95	1	1	33.304587
Lane_str_inv	BOBJ1	47.01	Before	Left Exterior Girder	47.01	0.95	1	1	32.687844
Lane_str_inv	BOBJ1	47.01	Before	Interior Girder 1	47.01	0.95	1	1	28.406808
Lane_str_inv	BOBJ1	47.01	Before	Interior Girder 2	47.01	0.95	1	1	25.89565
Lane_str_inv	BOBJ1	47.01	Before	Interior Girder 3	47.01	0.95	1	1	23.275782
Lane_str_inv	BOBJ1	47.01	Before	Interior Girder 4	47.01	0.95	1	1	23.275782
Lane_str_inv	BOBJ1	47.01	Before	Interior Girder 5	47.01	0.95	1	1	25.89565
Lane_str_inv	BOBJ1	47.01	Before	Interior Girder 6	47.01	0.95	1	1	28.406808
Lane_str_inv	BOBJ1	47.01	Before	Right Exterior Girder	47.01	0.95	1	1	32.687844
Lane_str_inv	BOBJ1	47.01	After	Left Exterior Girder	47.01	0.95	1	1	25.929336
Lane_str_inv	BOBJ1	47.01	After	Interior Girder 1	47.01	0.95	1	1	22.720597
Lane_str_inv	BOBJ1	47.01	After	Interior Girder 2	47.01	0.95	1	1	20.579774
Lane_str_inv	BOBJ1	47.01	After	Interior Girder 3	47.01	0.95	1	1	17.885415
Lane_str_inv	BOBJ1	47.01	After	Interior Girder 4	47.01	0.95	1	1	17.885415
Lane_str_inv	BOBJ1	47.01	After	Interior Girder 5	47.01	0.95	1	1	20.579774
Lane_str_inv	BOBJ1	47.01	After	Interior Girder 6	47.01	0.95	1	1	22.720597
Lane_str_inv	BOBJ1	47.01	After	Right Exterior Girder	47.01	0.95	1	1	25.929336
Lane_str_inv	BOBJ1	49.42	Before	Left Exterior Girder	49.42	0.95	1	1	25.799157
Lane_str_inv	BOBJ1	49.42	Before	Right Exterior Girder	49.42	0.95	1	1	25.799157
Lane_str_inv	BOBJ1	49.42	After	Left Exterior Girder	49.42	0.95	1	1	23.956373
Lane_str_inv	BOBJ1	49.42	After	Right Exterior Girder	49.42	0.95	1	1	23.956373
Lane_str_inv	BOBJ1	51.92	Before	Interior Girder 1	51.92	0.95	1	1	20.352974
Lane_str_inv	BOBJ1	51.92	Before	Interior Girder 2	51.92	0.95	1	1	20.293887
Lane_str_inv	BOBJ1	51.92	Before	Interior Girder 3	51.92	0.95	1	1	17.632573
Lane_str_inv	BOBJ1	51.92	Before	Interior Girder 4	51.92	0.95	1	1	17.632573
Lane_str_inv	BOBJ1	51.92	Before	Interior Girder 5	51.92	0.95	1	1	20.293887
Lane_str_inv	BOBJ1	51.92	Before	Interior Girder 6	51.92	0.95	1	1	20.352974
Lane_str_inv	BOBJ1	51.92	After	Interior Girder 1	51.92	0.95	1	1	17.074603
Lane_str_inv	BOBJ1	51.92	After	Interior Girder 2	51.92	0.95	1	1	17.584421
Lane_str_inv	BOBJ1	51.92	After	Interior Girder 3	51.92	0.95	1	1	14.835554
Lane_str_inv	BOBJ1	51.92	After	Interior Girder 4	51.92	0.95	1	1	14.835554
Lane_str_inv	BOBJ1	51.92	After	Interior Girder 5	51.92	0.95	1	1	17.584421
Lane_str_inv	BOBJ1	51.92	After	Interior Girder 6	51.92	0.95	1	1	17.074603
Lane_str_inv	BOBJ1	56.42	Before	Left Exterior Girder	56.42	0.95	1	1	27.128004
Lane_str_inv	BOBJ1	56.42	Before	Interior Girder 1	56.42	0.95	1	1	16.846187
Lane_str_inv	BOBJ1	56.42	Before	Interior Girder 2	56.42	0.95	1	1	17.35147
Lane_str_inv	BOBJ1	56.42	Before	Interior Girder 3	56.42	0.95	1	1	14.634515
Lane_str_inv	BOBJ1	56.42	Before	Interior Girder 4	56.42	0.95	1	1	14.634515
Lane_str_inv	BOBJ1	56.42	Before	Interior Girder 5	56.42	0.95	1	1	17.35147
Lane_str_inv	BOBJ1	56.42	Before	Interior Girder 6	56.42	0.95	1	1	16.846187
Lane_str_inv	BOBJ1	56.42	Before	Right Exterior Girder	56.42	0.95	1	1	27.128004
Lane_str_inv	BOBJ1	56.42	After	Left Exterior Girder	0	0.95	1	1	23.734111

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Approach, Span 7-11									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Lane_str_inv	BOBJ1	56.42	After	Interior Girder 1	0	0.95	1	1	16.373912
Lane_str_inv	BOBJ1	56.42	After	Interior Girder 2	0	0.95	1	1	16.879416
Lane_str_inv	BOBJ1	56.42	After	Interior Girder 3	0	0.95	1	1	14.350168
Lane_str_inv	BOBJ1	56.42	After	Interior Girder 4	0	0.95	1	1	14.350168
Lane_str_inv	BOBJ1	56.42	After	Interior Girder 5	0	0.95	1	1	16.879416
Lane_str_inv	BOBJ1	56.42	After	Interior Girder 6	0	0.95	1	1	16.373912
Lane_str_inv	BOBJ1	56.42	After	Right Exterior Girder	0	0.95	1	1	23.734111
Lane_str_inv	BOBJ1	60.92	Before	Interior Girder 1	4.5	0.95	1	1	16.594508
Lane_str_inv	BOBJ1	60.92	Before	Interior Girder 2	4.5	0.95	1	1	17.104564
Lane_str_inv	BOBJ1	60.92	Before	Interior Girder 3	4.5	0.95	1	1	14.546422
Lane_str_inv	BOBJ1	60.92	Before	Interior Girder 4	4.5	0.95	1	1	14.546422
Lane_str_inv	BOBJ1	60.92	Before	Interior Girder 5	4.5	0.95	1	1	17.104564
Lane_str_inv	BOBJ1	60.92	Before	Interior Girder 6	4.5	0.95	1	1	16.594508
Lane_str_inv	BOBJ1	60.92	After	Interior Girder 1	4.5	0.95	1	1	19.254538
Lane_str_inv	BOBJ1	60.92	After	Interior Girder 2	4.5	0.95	1	1	19.28096
Lane_str_inv	BOBJ1	60.92	After	Interior Girder 3	4.5	0.95	1	1	16.79597
Lane_str_inv	BOBJ1	60.92	After	Interior Girder 4	4.5	0.95	1	1	16.79597
Lane_str_inv	BOBJ1	60.92	After	Interior Girder 5	4.5	0.95	1	1	19.28096
Lane_str_inv	BOBJ1	60.92	After	Interior Girder 6	4.5	0.95	1	1	19.254538
Lane_str_inv	BOBJ1	63.42	Before	Left Exterior Girder	7	0.95	1	1	20.682999
Lane_str_inv	BOBJ1	63.42	Before	Right Exterior Girder	7	0.95	1	1	20.682999
Lane_str_inv	BOBJ1	63.42	After	Left Exterior Girder	7	0.95	1	1	21.9401
Lane_str_inv	BOBJ1	63.42	After	Right Exterior Girder	7	0.95	1	1	21.9401
Lane_str_inv	BOBJ1	64.845	Before	Left Exterior Girder	8.425	0.95	1	1	22.005414
Lane_str_inv	BOBJ1	64.845	Before	Interior Girder 1	8.425	0.95	1	1	22.04217
Lane_str_inv	BOBJ1	64.845	Before	Interior Girder 2	8.425	0.95	1	1	19.49677
Lane_str_inv	BOBJ1	64.845	Before	Interior Girder 3	8.425	0.95	1	1	16.987808
Lane_str_inv	BOBJ1	64.845	Before	Interior Girder 4	8.425	0.95	1	1	16.987808
Lane_str_inv	BOBJ1	64.845	Before	Interior Girder 5	8.425	0.95	1	1	19.49677
Lane_str_inv	BOBJ1	64.845	Before	Interior Girder 6	8.425	0.95	1	1	22.04217
Lane_str_inv	BOBJ1	64.845	Before	Right Exterior Girder	8.425	0.95	1	1	22.005414
Lane_str_inv	BOBJ1	64.845	After	Left Exterior Girder	8.425	0.95	1	1	26.802625
Lane_str_inv	BOBJ1	64.845	After	Interior Girder 1	8.425	0.95	1	1	23.432907
Lane_str_inv	BOBJ1	64.845	After	Interior Girder 2	8.425	0.95	1	1	22.184287
Lane_str_inv	BOBJ1	64.845	After	Interior Girder 3	8.425	0.95	1	1	19.76685
Lane_str_inv	BOBJ1	64.845	After	Interior Girder 4	8.425	0.95	1	1	19.76685
Lane_str_inv	BOBJ1	64.845	After	Interior Girder 5	8.425	0.95	1	1	22.184287
Lane_str_inv	BOBJ1	64.845	After	Interior Girder 6	8.425	0.95	1	1	23.432907
Lane_str_inv	BOBJ1	64.845	After	Right Exterior Girder	8.425	0.95	1	1	26.802625
Lane_str_inv	BOBJ1	69.92	Before	Left Exterior Girder	13.5	0.95	1	1	27.077181
Lane_str_inv	BOBJ1	69.92	Before	Interior Girder 1	13.5	0.95	1	1	23.770566
Lane_str_inv	BOBJ1	69.92	Before	Interior Girder 2	13.5	0.95	1	1	22.50073
Lane_str_inv	BOBJ1	69.92	Before	Interior Girder 3	13.5	0.95	1	1	20.05368
Lane_str_inv	BOBJ1	69.92	Before	Interior Girder 4	13.5	0.95	1	1	20.05368
Lane_str_inv	BOBJ1	69.92	Before	Interior Girder 5	13.5	0.95	1	1	22.50073
Lane_str_inv	BOBJ1	69.92	Before	Interior Girder 6	13.5	0.95	1	1	23.770566
Lane_str_inv	BOBJ1	69.92	Before	Right Exterior Girder	13.5	0.95	1	1	27.077181
Lane_str_inv	BOBJ1	69.92	After	Left Exterior Girder	13.5	0.95	1	1	25.911436
Lane_str_inv	BOBJ1	69.92	After	Interior Girder 1	13.5	0.95	1	1	26.074477
Lane_str_inv	BOBJ1	69.92	After	Interior Girder 2	13.5	0.95	1	1	23.921016
Lane_str_inv	BOBJ1	69.92	After	Interior Girder 3	13.5	0.95	1	1	21.623563
Lane_str_inv	BOBJ1	69.92	After	Interior Girder 4	13.5	0.95	1	1	21.623563
Lane_str_inv	BOBJ1	69.92	After	Interior Girder 5	13.5	0.95	1	1	23.921016
Lane_str_inv	BOBJ1	69.92	After	Interior Girder 6	13.5	0.95	1	1	26.074477
Lane_str_inv	BOBJ1	69.92	After	Right Exterior Girder	13.5	0.95	1	1	25.911436
Lane_str_inv	BOBJ1	73.27	Before	Left Exterior Girder	16.85	0.95	1	1	26.097446
Lane_str_inv	BOBJ1	73.27	Before	Interior Girder 1	16.85	0.95	1	1	26.327307
Lane_str_inv	BOBJ1	73.27	Before	Interior Girder 2	16.85	0.95	1	1	24.150465
Lane_str_inv	BOBJ1	73.27	Before	Interior Girder 3	16.85	0.95	1	1	21.834355
Lane_str_inv	BOBJ1	73.27	Before	Interior Girder 4	16.85	0.95	1	1	21.834355
Lane_str_inv	BOBJ1	73.27	Before	Interior Girder 5	16.85	0.95	1	1	24.150465
Lane_str_inv	BOBJ1	73.27	Before	Interior Girder 6	16.85	0.95	1	1	26.327307
Lane_str_inv	BOBJ1	73.27	Before	Right Exterior Girder	16.85	0.95	1	1	26.097446
Lane_str_inv	BOBJ1	73.27	After	Left Exterior Girder	16.85	0.95	1	1	42.451665
Lane_str_inv	BOBJ1	73.27	After	Interior Girder 1	16.85	0.95	1	1	29.54604

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Approach, Span 7-11									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Lane_str_inv	BOBJ1	73.27	After	Interior Girder 2	16.85	0.95	1	1	29.111295
Lane_str_inv	BOBJ1	73.27	After	Interior Girder 3	16.85	0.95	1	1	28.939931
Lane_str_inv	BOBJ1	73.27	After	Interior Girder 4	16.85	0.95	1	1	28.939931
Lane_str_inv	BOBJ1	73.27	After	Interior Girder 5	16.85	0.95	1	1	29.111295
Lane_str_inv	BOBJ1	73.27	After	Interior Girder 6	16.85	0.95	1	1	29.54604
Lane_str_inv	BOBJ1	73.27	After	Right Exterior Girder	16.85	0.95	1	1	42.451665
Lane_str_inv	BOBJ1	81.695	Before	Left Exterior Girder	25.275	0.95	1	1	43.192436
Lane_str_inv	BOBJ1	81.695	Before	Interior Girder 1	25.275	0.95	1	1	30.254617
Lane_str_inv	BOBJ1	81.695	Before	Interior Girder 2	25.275	0.95	1	1	29.807704
Lane_str_inv	BOBJ1	81.695	Before	Interior Girder 3	25.275	0.95	1	1	29.631764
Lane_str_inv	BOBJ1	81.695	Before	Interior Girder 4	25.275	0.95	1	1	29.631764
Lane_str_inv	BOBJ1	81.695	Before	Interior Girder 5	25.275	0.95	1	1	29.807704
Lane_str_inv	BOBJ1	81.695	Before	Interior Girder 6	25.275	0.95	1	1	30.254617
Lane_str_inv	BOBJ1	81.695	Before	Right Exterior Girder	25.275	0.95	1	1	43.192436
Lane_str_inv	BOBJ1	81.695	After	Left Exterior Girder	25.275	0.95	1	1	52.770665
Lane_str_inv	BOBJ1	81.695	After	Interior Girder 1	25.275	0.95	1	1	44.040017
Lane_str_inv	BOBJ1	81.695	After	Interior Girder 2	25.275	0.95	1	1	40.844316
Lane_str_inv	BOBJ1	81.695	After	Interior Girder 3	25.275	0.95	1	1	41.891635
Lane_str_inv	BOBJ1	81.695	After	Interior Girder 4	25.275	0.95	1	1	41.891635
Lane_str_inv	BOBJ1	81.695	After	Interior Girder 5	25.275	0.95	1	1	40.844316
Lane_str_inv	BOBJ1	81.695	After	Interior Girder 6	25.275	0.95	1	1	44.040017
Lane_str_inv	BOBJ1	81.695	After	Right Exterior Girder	25.275	0.95	1	1	52.770665
Lane_str_inv	BOBJ1	90.12	Before	Left Exterior Girder	33.7	0.95	1	1	53.646108
Lane_str_inv	BOBJ1	90.12	Before	Interior Girder 1	33.7	0.95	1	1	45.064452
Lane_str_inv	BOBJ1	90.12	Before	Interior Girder 2	33.7	0.95	1	1	41.789939
Lane_str_inv	BOBJ1	90.12	Before	Interior Girder 3	33.7	0.95	1	1	42.860933
Lane_str_inv	BOBJ1	90.12	Before	Interior Girder 4	33.7	0.95	1	1	42.860933
Lane_str_inv	BOBJ1	90.12	Before	Interior Girder 5	33.7	0.95	1	1	41.789939
Lane_str_inv	BOBJ1	90.12	Before	Interior Girder 6	33.7	0.95	1	1	45.064452
Lane_str_inv	BOBJ1	90.12	Before	Right Exterior Girder	33.7	0.95	1	1	53.646108
Lane_str_inv	BOBJ1	90.12	After	Left Exterior Girder	33.7	0.95	1	1	55.5145
Lane_str_inv	BOBJ1	90.12	After	Interior Girder 1	33.7	0.95	1	1	45.621331
Lane_str_inv	BOBJ1	90.12	After	Interior Girder 2	33.7	0.95	1	1	42.188233
Lane_str_inv	BOBJ1	90.12	After	Interior Girder 3	33.7	0.95	1	1	43.226309
Lane_str_inv	BOBJ1	90.12	After	Interior Girder 4	33.7	0.95	1	1	43.226309
Lane_str_inv	BOBJ1	90.12	After	Interior Girder 5	33.7	0.95	1	1	42.188233
Lane_str_inv	BOBJ1	90.12	After	Interior Girder 6	33.7	0.95	1	1	45.621331
Lane_str_inv	BOBJ1	90.12	After	Right Exterior Girder	33.7	0.95	1	1	55.5145
Lane_str_inv	BOBJ1	98.545	Before	Left Exterior Girder	42.125	0.95	1	1	54.611377
Lane_str_inv	BOBJ1	98.545	Before	Interior Girder 1	42.125	0.95	1	1	44.585686
Lane_str_inv	BOBJ1	98.545	Before	Interior Girder 2	42.125	0.95	1	1	41.234301
Lane_str_inv	BOBJ1	98.545	Before	Interior Girder 3	42.125	0.95	1	1	42.249406
Lane_str_inv	BOBJ1	98.545	Before	Interior Girder 4	42.125	0.95	1	1	42.249406
Lane_str_inv	BOBJ1	98.545	Before	Interior Girder 5	42.125	0.95	1	1	41.234301
Lane_str_inv	BOBJ1	98.545	Before	Interior Girder 6	42.125	0.95	1	1	44.585686
Lane_str_inv	BOBJ1	98.545	Before	Right Exterior Girder	42.125	0.95	1	1	54.611377
Lane_str_inv	BOBJ1	98.545	After	Left Exterior Girder	42.125	0.95	1	1	44.69207
Lane_str_inv	BOBJ1	98.545	After	Interior Girder 1	42.125	0.95	1	1	30.594275
Lane_str_inv	BOBJ1	98.545	After	Interior Girder 2	42.125	0.95	1	1	30.075721
Lane_str_inv	BOBJ1	98.545	After	Interior Girder 3	42.125	0.95	1	1	29.874752
Lane_str_inv	BOBJ1	98.545	After	Interior Girder 4	42.125	0.95	1	1	29.874752
Lane_str_inv	BOBJ1	98.545	After	Interior Girder 5	42.125	0.95	1	1	30.075721
Lane_str_inv	BOBJ1	98.545	After	Interior Girder 6	42.125	0.95	1	1	30.594275
Lane_str_inv	BOBJ1	98.545	After	Right Exterior Girder	42.125	0.95	1	1	44.69207
Lane_str_inv	BOBJ1	106.97	Before	Left Exterior Girder	50.55	0.95	1	1	43.928136
Lane_str_inv	BOBJ1	106.97	Before	Interior Girder 1	50.55	0.95	1	1	29.878708
Lane_str_inv	BOBJ1	106.97	Before	Interior Girder 2	50.55	0.95	1	1	29.373565
Lane_str_inv	BOBJ1	106.97	Before	Interior Girder 3	50.55	0.95	1	1	29.177764
Lane_str_inv	BOBJ1	106.97	Before	Interior Girder 4	50.55	0.95	1	1	29.177764
Lane_str_inv	BOBJ1	106.97	Before	Interior Girder 5	50.55	0.95	1	1	29.373565
Lane_str_inv	BOBJ1	106.97	Before	Interior Girder 6	50.55	0.95	1	1	29.878708
Lane_str_inv	BOBJ1	106.97	Before	Right Exterior Girder	50.55	0.95	1	1	43.928136
Lane_str_inv	BOBJ1	106.97	After	Left Exterior Girder	50.55	0.95	1	1	25.533103
Lane_str_inv	BOBJ1	106.97	After	Interior Girder 1	50.55	0.95	1	1	24.846257
Lane_str_inv	BOBJ1	106.97	After	Interior Girder 2	50.55	0.95	1	1	23.214972

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Approach, Span 7-11									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Lane_str_inv	BOBJ1	106.97	After	Interior Girder 3	50.55	0.95	1	1	20.709637
Lane_str_inv	BOBJ1	106.97	After	Interior Girder 4	50.55	0.95	1	1	20.709637
Lane_str_inv	BOBJ1	106.97	After	Interior Girder 5	50.55	0.95	1	1	23.214972
Lane_str_inv	BOBJ1	106.97	After	Interior Girder 6	50.55	0.95	1	1	24.846257
Lane_str_inv	BOBJ1	106.97	After	Right Exterior Girder	50.55	0.95	1	1	25.533103
Lane_str_inv	BOBJ1	115.405	Before	Left Exterior Girder	58.985	0.95	1	1	25.07242
Lane_str_inv	BOBJ1	115.405	Before	Interior Girder 1	58.985	0.95	1	1	24.243798
Lane_str_inv	BOBJ1	115.405	Before	Interior Girder 2	58.985	0.95	1	1	22.658468
Lane_str_inv	BOBJ1	115.405	Before	Interior Girder 3	58.985	0.95	1	1	20.205309
Lane_str_inv	BOBJ1	115.405	Before	Interior Girder 4	58.985	0.95	1	1	20.205309
Lane_str_inv	BOBJ1	115.405	Before	Interior Girder 5	58.985	0.95	1	1	22.658468
Lane_str_inv	BOBJ1	115.405	Before	Interior Girder 6	58.985	0.95	1	1	24.243798
Lane_str_inv	BOBJ1	115.405	Before	Right Exterior Girder	58.985	0.95	1	1	25.07242
Lane_str_inv	BOBJ1	115.405	After	Left Exterior Girder	58.985	0.95	1	1	16.236732
Lane_str_inv	BOBJ1	115.405	After	Interior Girder 1	58.985	0.95	1	1	26.674924
Lane_str_inv	BOBJ1	115.405	After	Interior Girder 2	58.985	0.95	1	1	18.933419
Lane_str_inv	BOBJ1	115.405	After	Interior Girder 3	58.985	0.95	1	1	16.362552
Lane_str_inv	BOBJ1	115.405	After	Interior Girder 4	58.985	0.95	1	1	16.362552
Lane_str_inv	BOBJ1	115.405	After	Interior Girder 5	58.985	0.95	1	1	18.933419
Lane_str_inv	BOBJ1	115.405	After	Interior Girder 6	58.985	0.95	1	1	26.674924
Lane_str_inv	BOBJ1	115.405	After	Right Exterior Girder	58.985	0.95	1	1	16.236732
Lane_str_inv	BOBJ1	116.34	Before	Left Exterior Girder	59.92	0.95	1	1	16.201137
Lane_str_inv	BOBJ1	116.34	Before	Right Exterior Girder	59.92	0.95	1	1	16.201137
Lane_str_inv	BOBJ1	116.34	After	Left Exterior Girder	59.92	0.95	1	1	15.300215
Lane_str_inv	BOBJ1	116.34	After	Right Exterior Girder	59.92	0.95	1	1	15.300215
Lane_str_inv	BOBJ1	118.84	Before	Interior Girder 1	62.42	0.95	1	1	18.756574
Lane_str_inv	BOBJ1	118.84	Before	Interior Girder 2	62.42	0.95	1	1	18.743225
Lane_str_inv	BOBJ1	118.84	Before	Interior Girder 3	62.42	0.95	1	1	16.194803
Lane_str_inv	BOBJ1	118.84	Before	Interior Girder 4	62.42	0.95	1	1	16.194803
Lane_str_inv	BOBJ1	118.84	Before	Interior Girder 5	62.42	0.95	1	1	18.743225
Lane_str_inv	BOBJ1	118.84	Before	Interior Girder 6	62.42	0.95	1	1	18.756574
Lane_str_inv	BOBJ1	118.84	After	Interior Girder 1	62.42	0.95	1	1	16.05619
Lane_str_inv	BOBJ1	118.84	After	Interior Girder 2	62.42	0.95	1	1	16.516331
Lane_str_inv	BOBJ1	118.84	After	Interior Girder 3	62.42	0.95	1	1	13.972434
Lane_str_inv	BOBJ1	118.84	After	Interior Girder 4	62.42	0.95	1	1	13.972434
Lane_str_inv	BOBJ1	118.84	After	Interior Girder 5	62.42	0.95	1	1	16.516331
Lane_str_inv	BOBJ1	118.84	After	Interior Girder 6	62.42	0.95	1	1	16.05619
Lane_str_inv	BOBJ1	123.84	Before	Left Exterior Girder	67.42	0.95	1	1	21.199958
Lane_str_inv	BOBJ1	123.84	Before	Interior Girder 1	67.42	0.95	1	1	15.804928
Lane_str_inv	BOBJ1	123.84	Before	Interior Girder 2	67.42	0.95	1	1	16.260716
Lane_str_inv	BOBJ1	123.84	Before	Interior Girder 3	67.42	0.95	1	1	13.75077
Lane_str_inv	BOBJ1	123.84	Before	Interior Girder 4	67.42	0.95	1	1	13.75077
Lane_str_inv	BOBJ1	123.84	Before	Interior Girder 5	67.42	0.95	1	1	16.260716
Lane_str_inv	BOBJ1	123.84	Before	Interior Girder 6	67.42	0.95	1	1	15.804928
Lane_str_inv	BOBJ1	123.84	Before	Right Exterior Girder	67.42	0.95	1	1	21.199958
Lane_str_inv	BOBJ1	123.84	After	Left Exterior Girder	0	0.95	1	1	20.550418
Lane_str_inv	BOBJ1	123.84	After	Interior Girder 1	0	0.95	1	1	15.533153
Lane_str_inv	BOBJ1	123.84	After	Interior Girder 2	0	0.95	1	1	16.003297
Lane_str_inv	BOBJ1	123.84	After	Interior Girder 3	0	0.95	1	1	13.604727
Lane_str_inv	BOBJ1	123.84	After	Interior Girder 4	0	0.95	1	1	13.604727
Lane_str_inv	BOBJ1	123.84	After	Interior Girder 5	0	0.95	1	1	16.003297
Lane_str_inv	BOBJ1	123.84	After	Interior Girder 6	0	0.95	1	1	15.533153
Lane_str_inv	BOBJ1	123.84	After	Right Exterior Girder	0	0.95	1	1	20.550418
Lane_str_inv	BOBJ1	128.84	Before	Interior Girder 1	5	0.95	1	1	15.780316
Lane_str_inv	BOBJ1	128.84	Before	Interior Girder 2	5	0.95	1	1	16.255028
Lane_str_inv	BOBJ1	128.84	Before	Interior Girder 3	5	0.95	1	1	13.824165
Lane_str_inv	BOBJ1	128.84	Before	Interior Girder 4	5	0.95	1	1	13.824165
Lane_str_inv	BOBJ1	128.84	Before	Interior Girder 5	5	0.95	1	1	16.255028
Lane_str_inv	BOBJ1	128.84	Before	Interior Girder 6	5	0.95	1	1	15.780316
Lane_str_inv	BOBJ1	128.84	After	Interior Girder 1	5	0.95	1	1	18.382531
Lane_str_inv	BOBJ1	128.84	After	Interior Girder 2	5	0.95	1	1	18.406898
Lane_str_inv	BOBJ1	128.84	After	Interior Girder 3	5	0.95	1	1	15.997006
Lane_str_inv	BOBJ1	128.84	After	Interior Girder 4	5	0.95	1	1	15.997006
Lane_str_inv	BOBJ1	128.84	After	Interior Girder 5	5	0.95	1	1	18.406898
Lane_str_inv	BOBJ1	128.84	After	Interior Girder 6	5	0.95	1	1	18.382531

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Approach, Span 7-11									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Lane_str_inv	BOBJ1	131.34	Before	Left Exterior Girder	7.5	0.95	1	1	14.733681
Lane_str_inv	BOBJ1	131.34	Before	Right Exterior Girder	7.5	0.95	1	1	14.733681
Lane_str_inv	BOBJ1	131.34	After	Left Exterior Girder	7.5	0.95	1	1	15.578996
Lane_str_inv	BOBJ1	131.34	After	Right Exterior Girder	7.5	0.95	1	1	15.578996
Lane_str_inv	BOBJ1	132.265	Before	Left Exterior Girder	8.425	0.95	1	1	15.612909
Lane_str_inv	BOBJ1	132.265	Before	Interior Girder 1	8.425	0.95	1	1	26.517169
Lane_str_inv	BOBJ1	132.265	Before	Interior Girder 2	8.425	0.95	1	1	18.593254
Lane_str_inv	BOBJ1	132.265	Before	Interior Girder 3	8.425	0.95	1	1	16.162318
Lane_str_inv	BOBJ1	132.265	Before	Interior Girder 4	8.425	0.95	1	1	16.162318
Lane_str_inv	BOBJ1	132.265	Before	Interior Girder 5	8.425	0.95	1	1	18.593254
Lane_str_inv	BOBJ1	132.265	Before	Interior Girder 6	8.425	0.95	1	1	26.517169
Lane_str_inv	BOBJ1	132.265	Before	Right Exterior Girder	8.425	0.95	1	1	15.612909
Lane_str_inv	BOBJ1	132.265	After	Left Exterior Girder	8.425	0.95	1	1	24.232745
Lane_str_inv	BOBJ1	132.265	After	Interior Girder 1	8.425	0.95	1	1	23.630549
Lane_str_inv	BOBJ1	132.265	After	Interior Girder 2	8.425	0.95	1	1	22.172832
Lane_str_inv	BOBJ1	132.265	After	Interior Girder 3	8.425	0.95	1	1	19.901435
Lane_str_inv	BOBJ1	132.265	After	Interior Girder 4	8.425	0.95	1	1	19.901435
Lane_str_inv	BOBJ1	132.265	After	Interior Girder 5	8.425	0.95	1	1	22.172832
Lane_str_inv	BOBJ1	132.265	After	Interior Girder 6	8.425	0.95	1	1	23.630549
Lane_str_inv	BOBJ1	132.265	After	Right Exterior Girder	8.425	0.95	1	1	24.232745
Lane_str_inv	BOBJ1	140.69	Before	Left Exterior Girder	16.85	0.95	1	1	24.677924
Lane_str_inv	BOBJ1	140.69	Before	Interior Girder 1	16.85	0.95	1	1	24.217615
Lane_str_inv	BOBJ1	140.69	Before	Interior Girder 2	16.85	0.95	1	1	22.717132
Lane_str_inv	BOBJ1	140.69	Before	Interior Girder 3	16.85	0.95	1	1	20.397878
Lane_str_inv	BOBJ1	140.69	Before	Interior Girder 4	16.85	0.95	1	1	20.397878
Lane_str_inv	BOBJ1	140.69	Before	Interior Girder 5	16.85	0.95	1	1	22.717132
Lane_str_inv	BOBJ1	140.69	Before	Interior Girder 6	16.85	0.95	1	1	24.217615
Lane_str_inv	BOBJ1	140.69	Before	Right Exterior Girder	16.85	0.95	1	1	24.677924
Lane_str_inv	BOBJ1	140.69	After	Left Exterior Girder	16.85	0.95	1	1	41.678014
Lane_str_inv	BOBJ1	140.69	After	Interior Girder 1	16.85	0.95	1	1	29.01316
Lane_str_inv	BOBJ1	140.69	After	Interior Girder 2	16.85	0.95	1	1	28.590894
Lane_str_inv	BOBJ1	140.69	After	Interior Girder 3	16.85	0.95	1	1	28.555613
Lane_str_inv	BOBJ1	140.69	After	Interior Girder 4	16.85	0.95	1	1	28.555613
Lane_str_inv	BOBJ1	140.69	After	Interior Girder 5	16.85	0.95	1	1	28.590894
Lane_str_inv	BOBJ1	140.69	After	Interior Girder 6	16.85	0.95	1	1	29.01316
Lane_str_inv	BOBJ1	140.69	After	Right Exterior Girder	16.85	0.95	1	1	41.678014
Lane_str_inv	BOBJ1	149.115	Before	Left Exterior Girder	25.275	0.95	1	1	42.4037
Lane_str_inv	BOBJ1	149.115	Before	Interior Girder 1	25.275	0.95	1	1	29.7087
Lane_str_inv	BOBJ1	149.115	Before	Interior Girder 2	25.275	0.95	1	1	29.274777
Lane_str_inv	BOBJ1	149.115	Before	Interior Girder 3	25.275	0.95	1	1	29.23798
Lane_str_inv	BOBJ1	149.115	Before	Interior Girder 4	25.275	0.95	1	1	29.23798
Lane_str_inv	BOBJ1	149.115	Before	Interior Girder 5	25.275	0.95	1	1	29.274777
Lane_str_inv	BOBJ1	149.115	Before	Interior Girder 6	25.275	0.95	1	1	29.7087
Lane_str_inv	BOBJ1	149.115	Before	Right Exterior Girder	25.275	0.95	1	1	42.4037
Lane_str_inv	BOBJ1	149.115	After	Left Exterior Girder	25.275	0.95	1	1	51.431812
Lane_str_inv	BOBJ1	149.115	After	Interior Girder 1	25.275	0.95	1	1	42.837754
Lane_str_inv	BOBJ1	149.115	After	Interior Girder 2	25.275	0.95	1	1	39.812292
Lane_str_inv	BOBJ1	149.115	After	Interior Girder 3	25.275	0.95	1	1	41.039773
Lane_str_inv	BOBJ1	149.115	After	Interior Girder 4	25.275	0.95	1	1	41.039773
Lane_str_inv	BOBJ1	149.115	After	Interior Girder 5	25.275	0.95	1	1	39.812292
Lane_str_inv	BOBJ1	149.115	After	Interior Girder 6	25.275	0.95	1	1	42.837754
Lane_str_inv	BOBJ1	149.115	After	Right Exterior Girder	25.275	0.95	1	1	51.431812
Lane_str_inv	BOBJ1	157.54	Before	Left Exterior Girder	33.7	0.95	1	1	52.283355
Lane_str_inv	BOBJ1	157.54	Before	Interior Girder 1	33.7	0.95	1	1	43.833783
Lane_str_inv	BOBJ1	157.54	Before	Interior Girder 2	33.7	0.95	1	1	40.733886
Lane_str_inv	BOBJ1	157.54	Before	Interior Girder 3	33.7	0.95	1	1	41.989014
Lane_str_inv	BOBJ1	157.54	Before	Interior Girder 4	33.7	0.95	1	1	41.989014
Lane_str_inv	BOBJ1	157.54	Before	Interior Girder 5	33.7	0.95	1	1	40.733886
Lane_str_inv	BOBJ1	157.54	Before	Interior Girder 6	33.7	0.95	1	1	43.833783
Lane_str_inv	BOBJ1	157.54	Before	Right Exterior Girder	33.7	0.95	1	1	52.283355
Lane_str_inv	BOBJ1	157.54	After	Left Exterior Girder	33.7	0.95	1	1	52.367777
Lane_str_inv	BOBJ1	157.54	After	Interior Girder 1	33.7	0.95	1	1	43.856352
Lane_str_inv	BOBJ1	157.54	After	Interior Girder 2	33.7	0.95	1	1	40.75623
Lane_str_inv	BOBJ1	157.54	After	Interior Girder 3	33.7	0.95	1	1	42.025648
Lane_str_inv	BOBJ1	157.54	After	Interior Girder 4	33.7	0.95	1	1	42.025648

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Approach, Span 7-11									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Lane_str_inv	BOBJ1	157.54	After	Interior Girder 5	33.7	0.95	1	1	40.75623
Lane_str_inv	BOBJ1	157.54	After	Interior Girder 6	33.7	0.95	1	1	43.856352
Lane_str_inv	BOBJ1	157.54	After	Right Exterior Girder	33.7	0.95	1	1	52.367777
Lane_str_inv	BOBJ1	165.965	Before	Left Exterior Girder	42.125	0.95	1	1	51.514919
Lane_str_inv	BOBJ1	165.965	Before	Interior Girder 1	42.125	0.95	1	1	42.859832
Lane_str_inv	BOBJ1	165.965	Before	Interior Girder 2	42.125	0.95	1	1	39.834152
Lane_str_inv	BOBJ1	165.965	Before	Interior Girder 3	42.125	0.95	1	1	41.07562
Lane_str_inv	BOBJ1	165.965	Before	Interior Girder 4	42.125	0.95	1	1	41.07562
Lane_str_inv	BOBJ1	165.965	Before	Interior Girder 5	42.125	0.95	1	1	39.834152
Lane_str_inv	BOBJ1	165.965	Before	Interior Girder 6	42.125	0.95	1	1	42.859832
Lane_str_inv	BOBJ1	165.965	Before	Right Exterior Girder	42.125	0.95	1	1	51.514919
Lane_str_inv	BOBJ1	165.965	After	Left Exterior Girder	42.125	0.95	1	1	42.471667
Lane_str_inv	BOBJ1	165.965	After	Interior Girder 1	42.125	0.95	1	1	29.721472
Lane_str_inv	BOBJ1	165.965	After	Interior Girder 2	42.125	0.95	1	1	29.287958
Lane_str_inv	BOBJ1	165.965	After	Interior Girder 3	42.125	0.95	1	1	29.260849
Lane_str_inv	BOBJ1	165.965	After	Interior Girder 4	42.125	0.95	1	1	29.260849
Lane_str_inv	BOBJ1	165.965	After	Interior Girder 5	42.125	0.95	1	1	29.287958
Lane_str_inv	BOBJ1	165.965	After	Interior Girder 6	42.125	0.95	1	1	29.721472
Lane_str_inv	BOBJ1	165.965	After	Right Exterior Girder	42.125	0.95	1	1	42.471667
Lane_str_inv	BOBJ1	174.39	Before	Left Exterior Girder	50.55	0.95	1	1	41.744875
Lane_str_inv	BOBJ1	174.39	Before	Interior Girder 1	50.55	0.95	1	1	29.025645
Lane_str_inv	BOBJ1	174.39	Before	Interior Girder 2	50.55	0.95	1	1	28.60378
Lane_str_inv	BOBJ1	174.39	Before	Interior Girder 3	50.55	0.95	1	1	28.577982
Lane_str_inv	BOBJ1	174.39	Before	Interior Girder 4	50.55	0.95	1	1	28.577982
Lane_str_inv	BOBJ1	174.39	Before	Interior Girder 5	50.55	0.95	1	1	28.60378
Lane_str_inv	BOBJ1	174.39	Before	Interior Girder 6	50.55	0.95	1	1	29.025645
Lane_str_inv	BOBJ1	174.39	Before	Right Exterior Girder	50.55	0.95	1	1	41.744875
Lane_str_inv	BOBJ1	174.39	After	Left Exterior Girder	50.55	0.95	1	1	24.711766
Lane_str_inv	BOBJ1	174.39	After	Interior Girder 1	50.55	0.95	1	1	24.217195
Lane_str_inv	BOBJ1	174.39	After	Interior Girder 2	50.55	0.95	1	1	22.713874
Lane_str_inv	BOBJ1	174.39	After	Interior Girder 3	50.55	0.95	1	1	20.418446
Lane_str_inv	BOBJ1	174.39	After	Interior Girder 4	50.55	0.95	1	1	20.418446
Lane_str_inv	BOBJ1	174.39	After	Interior Girder 5	50.55	0.95	1	1	22.713874
Lane_str_inv	BOBJ1	174.39	After	Interior Girder 6	50.55	0.95	1	1	24.217195
Lane_str_inv	BOBJ1	174.39	After	Right Exterior Girder	50.55	0.95	1	1	24.711766
Lane_str_inv	BOBJ1	182.825	Before	Left Exterior Girder	58.985	0.95	1	1	24.265499
Lane_str_inv	BOBJ1	182.825	Before	Interior Girder 1	58.985	0.95	1	1	23.629416
Lane_str_inv	BOBJ1	182.825	Before	Interior Girder 2	58.985	0.95	1	1	22.168981
Lane_str_inv	BOBJ1	182.825	Before	Interior Girder 3	58.985	0.95	1	1	19.920969
Lane_str_inv	BOBJ1	182.825	Before	Interior Girder 4	58.985	0.95	1	1	19.920969
Lane_str_inv	BOBJ1	182.825	Before	Interior Girder 5	58.985	0.95	1	1	22.168981
Lane_str_inv	BOBJ1	182.825	Before	Interior Girder 6	58.985	0.95	1	1	23.629416
Lane_str_inv	BOBJ1	182.825	Before	Right Exterior Girder	58.985	0.95	1	1	24.265499
Lane_str_inv	BOBJ1	182.825	After	Left Exterior Girder	58.985	0.95	1	1	15.672846
Lane_str_inv	BOBJ1	182.825	After	Interior Girder 1	58.985	0.95	1	1	26.400164
Lane_str_inv	BOBJ1	182.825	After	Interior Girder 2	58.985	0.95	1	1	18.583074
Lane_str_inv	BOBJ1	182.825	After	Interior Girder 3	58.985	0.95	1	1	16.172155
Lane_str_inv	BOBJ1	182.825	After	Interior Girder 4	58.985	0.95	1	1	16.172155
Lane_str_inv	BOBJ1	182.825	After	Interior Girder 5	58.985	0.95	1	1	18.583074
Lane_str_inv	BOBJ1	182.825	After	Interior Girder 6	58.985	0.95	1	1	26.400164
Lane_str_inv	BOBJ1	182.825	After	Right Exterior Girder	58.985	0.95	1	1	15.672846
Lane_str_inv	BOBJ1	183.76	Before	Left Exterior Girder	59.92	0.95	1	1	15.638455
Lane_str_inv	BOBJ1	183.76	Before	Right Exterior Girder	59.92	0.95	1	1	15.638455
Lane_str_inv	BOBJ1	183.76	After	Left Exterior Girder	59.92	0.95	1	1	14.787347
Lane_str_inv	BOBJ1	183.76	After	Right Exterior Girder	59.92	0.95	1	1	14.787347
Lane_str_inv	BOBJ1	186.26	Before	Interior Girder 1	62.42	0.95	1	1	18.372216
Lane_str_inv	BOBJ1	186.26	Before	Interior Girder 2	62.42	0.95	1	1	18.396258
Lane_str_inv	BOBJ1	186.26	Before	Interior Girder 3	62.42	0.95	1	1	16.006274
Lane_str_inv	BOBJ1	186.26	Before	Interior Girder 4	62.42	0.95	1	1	16.006274
Lane_str_inv	BOBJ1	186.26	Before	Interior Girder 5	62.42	0.95	1	1	18.396258
Lane_str_inv	BOBJ1	186.26	Before	Interior Girder 6	62.42	0.95	1	1	18.372216
Lane_str_inv	BOBJ1	186.26	After	Interior Girder 1	62.42	0.95	1	1	15.769106
Lane_str_inv	BOBJ1	186.26	After	Interior Girder 2	62.42	0.95	1	1	16.243135
Lane_str_inv	BOBJ1	186.26	After	Interior Girder 3	62.42	0.95	1	1	13.828319
Lane_str_inv	BOBJ1	186.26	After	Interior Girder 4	62.42	0.95	1	1	13.828319

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Approach, Span 7-11									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Lane_str_inv	BOBJ1	186.26	After	Interior Girder 5	62.42	0.95	1	1	16.243135
Lane_str_inv	BOBJ1	186.26	After	Interior Girder 6	62.42	0.95	1	1	15.769106
Lane_str_inv	BOBJ1	191.26	Before	Left Exterior Girder	67.42	0.95	1	1	20.572404
Lane_str_inv	BOBJ1	191.26	Before	Interior Girder 1	67.42	0.95	1	1	15.522088
Lane_str_inv	BOBJ1	191.26	Before	Interior Girder 2	67.42	0.95	1	1	15.991555
Lane_str_inv	BOBJ1	191.26	Before	Interior Girder 3	67.42	0.95	1	1	13.608826
Lane_str_inv	BOBJ1	191.26	Before	Interior Girder 4	67.42	0.95	1	1	13.608826
Lane_str_inv	BOBJ1	191.26	Before	Interior Girder 5	67.42	0.95	1	1	15.991555
Lane_str_inv	BOBJ1	191.26	Before	Interior Girder 6	67.42	0.95	1	1	15.522088
Lane_str_inv	BOBJ1	191.26	Before	Right Exterior Girder	67.42	0.95	1	1	20.572404
Lane_str_inv	BOBJ1	191.26	After	Left Exterior Girder	0	0.95	1	1	21.169802
Lane_str_inv	BOBJ1	191.26	After	Interior Girder 1	0	0.95	1	1	15.813604
Lane_str_inv	BOBJ1	191.26	After	Interior Girder 2	0	0.95	1	1	16.270894
Lane_str_inv	BOBJ1	191.26	After	Interior Girder 3	0	0.95	1	1	13.745114
Lane_str_inv	BOBJ1	191.26	After	Interior Girder 4	0	0.95	1	1	13.745114
Lane_str_inv	BOBJ1	191.26	After	Interior Girder 5	0	0.95	1	1	16.270894
Lane_str_inv	BOBJ1	191.26	After	Interior Girder 6	0	0.95	1	1	15.813604
Lane_str_inv	BOBJ1	191.26	After	Right Exterior Girder	0	0.95	1	1	21.169802
Lane_str_inv	BOBJ1	196.26	Before	Interior Girder 1	5	0.95	1	1	16.065015
Lane_str_inv	BOBJ1	196.26	Before	Interior Girder 2	5	0.95	1	1	16.526666
Lane_str_inv	BOBJ1	196.26	Before	Interior Girder 3	5	0.95	1	1	13.966723
Lane_str_inv	BOBJ1	196.26	Before	Interior Girder 4	5	0.95	1	1	13.966723
Lane_str_inv	BOBJ1	196.26	Before	Interior Girder 5	5	0.95	1	1	16.526666
Lane_str_inv	BOBJ1	196.26	Before	Interior Girder 6	5	0.95	1	1	16.065015
Lane_str_inv	BOBJ1	196.26	After	Interior Girder 1	5	0.95	1	1	18.764141
Lane_str_inv	BOBJ1	196.26	After	Interior Girder 2	5	0.95	1	1	18.752065
Lane_str_inv	BOBJ1	196.26	After	Interior Girder 3	5	0.95	1	1	16.183639
Lane_str_inv	BOBJ1	196.26	After	Interior Girder 4	5	0.95	1	1	16.183639
Lane_str_inv	BOBJ1	196.26	After	Interior Girder 5	5	0.95	1	1	18.752065
Lane_str_inv	BOBJ1	196.26	After	Interior Girder 6	5	0.95	1	1	18.764141
Lane_str_inv	BOBJ1	198.76	Before	Left Exterior Girder	7.5	0.95	1	1	15.238175
Lane_str_inv	BOBJ1	198.76	Before	Right Exterior Girder	7.5	0.95	1	1	15.238175
Lane_str_inv	BOBJ1	198.76	After	Left Exterior Girder	7.5	0.95	1	1	16.132678
Lane_str_inv	BOBJ1	198.76	After	Right Exterior Girder	7.5	0.95	1	1	16.132678
Lane_str_inv	BOBJ1	199.685	Before	Left Exterior Girder	8.425	0.95	1	1	16.167778
Lane_str_inv	BOBJ1	199.685	Before	Interior Girder 1	8.425	0.95	1	1	26.788319
Lane_str_inv	BOBJ1	199.685	Before	Interior Girder 2	8.425	0.95	1	1	18.941793
Lane_str_inv	BOBJ1	199.685	Before	Interior Girder 3	8.425	0.95	1	1	16.350812
Lane_str_inv	BOBJ1	199.685	Before	Interior Girder 4	8.425	0.95	1	1	16.350812
Lane_str_inv	BOBJ1	199.685	Before	Interior Girder 5	8.425	0.95	1	1	18.941793
Lane_str_inv	BOBJ1	199.685	Before	Interior Girder 6	8.425	0.95	1	1	26.788319
Lane_str_inv	BOBJ1	199.685	Before	Right Exterior Girder	8.425	0.95	1	1	16.167778
Lane_str_inv	BOBJ1	199.685	After	Left Exterior Girder	8.425	0.95	1	1	25.030396
Lane_str_inv	BOBJ1	199.685	After	Interior Girder 1	8.425	0.95	1	1	24.240774
Lane_str_inv	BOBJ1	199.685	After	Interior Girder 2	8.425	0.95	1	1	22.659814
Lane_str_inv	BOBJ1	199.685	After	Interior Girder 3	8.425	0.95	1	1	20.183222
Lane_str_inv	BOBJ1	199.685	After	Interior Girder 4	8.425	0.95	1	1	20.183222
Lane_str_inv	BOBJ1	199.685	After	Interior Girder 5	8.425	0.95	1	1	22.659814
Lane_str_inv	BOBJ1	199.685	After	Interior Girder 6	8.425	0.95	1	1	24.240774
Lane_str_inv	BOBJ1	199.685	After	Right Exterior Girder	8.425	0.95	1	1	25.030396
Lane_str_inv	BOBJ1	208.11	Before	Left Exterior Girder	16.85	0.95	1	1	25.489929
Lane_str_inv	BOBJ1	208.11	Before	Interior Girder 1	16.85	0.95	1	1	24.8425
Lane_str_inv	BOBJ1	208.11	Before	Interior Girder 2	16.85	0.95	1	1	23.215716
Lane_str_inv	BOBJ1	208.11	Before	Interior Girder 3	16.85	0.95	1	1	20.6865
Lane_str_inv	BOBJ1	208.11	Before	Interior Girder 4	16.85	0.95	1	1	20.6865
Lane_str_inv	BOBJ1	208.11	Before	Interior Girder 5	16.85	0.95	1	1	23.215716
Lane_str_inv	BOBJ1	208.11	Before	Interior Girder 6	16.85	0.95	1	1	24.8425
Lane_str_inv	BOBJ1	208.11	Before	Right Exterior Girder	16.85	0.95	1	1	25.489929
Lane_str_inv	BOBJ1	208.11	After	Left Exterior Girder	16.85	0.95	1	1	43.84262
Lane_str_inv	BOBJ1	208.11	After	Interior Girder 1	16.85	0.95	1	1	29.860043
Lane_str_inv	BOBJ1	208.11	After	Interior Girder 2	16.85	0.95	1	1	29.356744
Lane_str_inv	BOBJ1	208.11	After	Interior Girder 3	16.85	0.95	1	1	29.152244
Lane_str_inv	BOBJ1	208.11	After	Interior Girder 4	16.85	0.95	1	1	29.152244
Lane_str_inv	BOBJ1	208.11	After	Interior Girder 5	16.85	0.95	1	1	29.356744
Lane_str_inv	BOBJ1	208.11	After	Interior Girder 6	16.85	0.95	1	1	29.860043

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Approach, Span 7-11									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Lane_str_inv	BOBJ1	208.11	After	Right Exterior Girder	16.85	0.95	1	1	43.84262
Lane_str_inv	BOBJ1	216.535	Before	Left Exterior Girder	25.275	0.95	1	1	44.605322
Lane_str_inv	BOBJ1	216.535	Before	Interior Girder 1	25.275	0.95	1	1	30.575303
Lane_str_inv	BOBJ1	216.535	Before	Interior Girder 2	25.275	0.95	1	1	30.058594
Lane_str_inv	BOBJ1	216.535	Before	Interior Girder 3	25.275	0.95	1	1	29.848718
Lane_str_inv	BOBJ1	216.535	Before	Interior Girder 4	25.275	0.95	1	1	29.848718
Lane_str_inv	BOBJ1	216.535	Before	Interior Girder 5	25.275	0.95	1	1	30.058594
Lane_str_inv	BOBJ1	216.535	Before	Interior Girder 6	25.275	0.95	1	1	30.575303
Lane_str_inv	BOBJ1	216.535	Before	Right Exterior Girder	25.275	0.95	1	1	44.605322
Lane_str_inv	BOBJ1	216.535	After	Left Exterior Girder	25.275	0.95	1	1	54.504188
Lane_str_inv	BOBJ1	216.535	After	Interior Girder 1	25.275	0.95	1	1	44.553808
Lane_str_inv	BOBJ1	216.535	After	Interior Girder 2	25.275	0.95	1	1	41.20679
Lane_str_inv	BOBJ1	216.535	After	Interior Girder 3	25.275	0.95	1	1	42.208651
Lane_str_inv	BOBJ1	216.535	After	Interior Girder 4	25.275	0.95	1	1	42.208651
Lane_str_inv	BOBJ1	216.535	After	Interior Girder 5	25.275	0.95	1	1	41.20679
Lane_str_inv	BOBJ1	216.535	After	Interior Girder 6	25.275	0.95	1	1	44.553808
Lane_str_inv	BOBJ1	216.535	After	Right Exterior Girder	25.275	0.95	1	1	54.504188
Lane_str_inv	BOBJ1	224.96	Before	Left Exterior Girder	33.7	0.95	1	1	55.405823
Lane_str_inv	BOBJ1	224.96	Before	Interior Girder 1	33.7	0.95	1	1	45.588912
Lane_str_inv	BOBJ1	224.96	Before	Interior Girder 2	33.7	0.95	1	1	42.160216
Lane_str_inv	BOBJ1	224.96	Before	Interior Girder 3	33.7	0.95	1	1	43.184735
Lane_str_inv	BOBJ1	224.96	Before	Interior Girder 4	33.7	0.95	1	1	43.184735
Lane_str_inv	BOBJ1	224.96	Before	Interior Girder 5	33.7	0.95	1	1	42.160216
Lane_str_inv	BOBJ1	224.96	Before	Interior Girder 6	33.7	0.95	1	1	45.588912
Lane_str_inv	BOBJ1	224.96	Before	Right Exterior Girder	33.7	0.95	1	1	55.405823
Lane_str_inv	BOBJ1	224.96	After	Left Exterior Girder	33.7	0.95	1	1	53.749451
Lane_str_inv	BOBJ1	224.96	After	Interior Girder 1	33.7	0.95	1	1	45.09423
Lane_str_inv	BOBJ1	224.96	After	Interior Girder 2	33.7	0.95	1	1	41.815249
Lane_str_inv	BOBJ1	224.96	After	Interior Girder 3	33.7	0.95	1	1	42.899189
Lane_str_inv	BOBJ1	224.96	After	Interior Girder 4	33.7	0.95	1	1	42.899189
Lane_str_inv	BOBJ1	224.96	After	Interior Girder 5	33.7	0.95	1	1	41.815249
Lane_str_inv	BOBJ1	224.96	After	Interior Girder 6	33.7	0.95	1	1	45.09423
Lane_str_inv	BOBJ1	224.96	After	Right Exterior Girder	33.7	0.95	1	1	53.749451
Lane_str_inv	BOBJ1	233.385	Before	Left Exterior Girder	42.125	0.95	1	1	52.872636
Lane_str_inv	BOBJ1	233.385	Before	Interior Girder 1	42.125	0.95	1	1	44.069303
Lane_str_inv	BOBJ1	233.385	Before	Interior Girder 2	42.125	0.95	1	1	40.869161
Lane_str_inv	BOBJ1	233.385	Before	Interior Girder 3	42.125	0.95	1	1	41.929129
Lane_str_inv	BOBJ1	233.385	Before	Interior Girder 4	42.125	0.95	1	1	41.929129
Lane_str_inv	BOBJ1	233.385	Before	Interior Girder 5	42.125	0.95	1	1	40.869161
Lane_str_inv	BOBJ1	233.385	Before	Interior Girder 6	42.125	0.95	1	1	44.069303
Lane_str_inv	BOBJ1	233.385	Before	Right Exterior Girder	42.125	0.95	1	1	52.872636
Lane_str_inv	BOBJ1	233.385	After	Left Exterior Girder	42.125	0.95	1	1	43.275352
Lane_str_inv	BOBJ1	233.385	After	Interior Girder 1	42.125	0.95	1	1	30.272212
Lane_str_inv	BOBJ1	233.385	After	Interior Girder 2	42.125	0.95	1	1	29.823363
Lane_str_inv	BOBJ1	233.385	After	Interior Girder 3	42.125	0.95	1	1	29.655987
Lane_str_inv	BOBJ1	233.385	After	Interior Girder 4	42.125	0.95	1	1	29.655987
Lane_str_inv	BOBJ1	233.385	After	Interior Girder 5	42.125	0.95	1	1	29.823363
Lane_str_inv	BOBJ1	233.385	After	Interior Girder 6	42.125	0.95	1	1	30.272212
Lane_str_inv	BOBJ1	233.385	After	Right Exterior Girder	42.125	0.95	1	1	43.275352
Lane_str_inv	BOBJ1	241.81	Before	Left Exterior Girder	50.55	0.95	1	1	42.533448
Lane_str_inv	BOBJ1	241.81	Before	Interior Girder 1	50.55	0.95	1	1	29.563349
Lane_str_inv	BOBJ1	241.81	Before	Interior Girder 2	50.55	0.95	1	1	29.126663
Lane_str_inv	BOBJ1	241.81	Before	Interior Girder 3	50.55	0.95	1	1	28.963668
Lane_str_inv	BOBJ1	241.81	Before	Interior Girder 4	50.55	0.95	1	1	28.963668
Lane_str_inv	BOBJ1	241.81	Before	Interior Girder 5	50.55	0.95	1	1	29.126663
Lane_str_inv	BOBJ1	241.81	Before	Interior Girder 6	50.55	0.95	1	1	29.563349
Lane_str_inv	BOBJ1	241.81	Before	Right Exterior Girder	50.55	0.95	1	1	42.533448
Lane_str_inv	BOBJ1	241.81	After	Left Exterior Girder	50.55	0.95	1	1	26.142165
Lane_str_inv	BOBJ1	241.81	After	Interior Girder 1	50.55	0.95	1	1	26.324731
Lane_str_inv	BOBJ1	241.81	After	Interior Girder 2	50.55	0.95	1	1	24.145592
Lane_str_inv	BOBJ1	241.81	After	Interior Girder 3	50.55	0.95	1	1	21.855406
Lane_str_inv	BOBJ1	241.81	After	Interior Girder 4	50.55	0.95	1	1	21.855406
Lane_str_inv	BOBJ1	241.81	After	Interior Girder 5	50.55	0.95	1	1	24.145592
Lane_str_inv	BOBJ1	241.81	After	Interior Girder 6	50.55	0.95	1	1	26.324731
Lane_str_inv	BOBJ1	241.81	After	Right Exterior Girder	50.55	0.95	1	1	26.142165

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Approach, Span 7-11									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Lane_str_inv	BOBJ1	245.18	Before	Left Exterior Girder	53.92	0.95	1	1	25.954822
Lane_str_inv	BOBJ1	245.18	Before	Interior Girder 1	53.92	0.95	1	1	26.070431
Lane_str_inv	BOBJ1	245.18	Before	Interior Girder 2	53.92	0.95	1	1	23.91482
Lane_str_inv	BOBJ1	245.18	Before	Interior Girder 3	53.92	0.95	1	1	21.643187
Lane_str_inv	BOBJ1	245.18	Before	Interior Girder 4	53.92	0.95	1	1	21.643187
Lane_str_inv	BOBJ1	245.18	Before	Interior Girder 5	53.92	0.95	1	1	23.91482
Lane_str_inv	BOBJ1	245.18	Before	Interior Girder 6	53.92	0.95	1	1	26.070431
Lane_str_inv	BOBJ1	245.18	Before	Right Exterior Girder	53.92	0.95	1	1	25.954822
Lane_str_inv	BOBJ1	245.18	After	Left Exterior Girder	53.92	0.95	1	1	27.118161
Lane_str_inv	BOBJ1	245.18	After	Interior Girder 1	53.92	0.95	1	1	23.759797
Lane_str_inv	BOBJ1	245.18	After	Interior Girder 2	53.92	0.95	1	1	22.488871
Lane_str_inv	BOBJ1	245.18	After	Interior Girder 3	53.92	0.95	1	1	20.065245
Lane_str_inv	BOBJ1	245.18	After	Interior Girder 4	53.92	0.95	1	1	20.065245
Lane_str_inv	BOBJ1	245.18	After	Interior Girder 5	53.92	0.95	1	1	22.488871
Lane_str_inv	BOBJ1	245.18	After	Interior Girder 6	53.92	0.95	1	1	23.759797
Lane_str_inv	BOBJ1	245.18	After	Right Exterior Girder	53.92	0.95	1	1	27.118161
Lane_str_inv	BOBJ1	250.245	Before	Left Exterior Girder	58.985	0.95	1	1	26.843845
Lane_str_inv	BOBJ1	250.245	Before	Interior Girder 1	58.985	0.95	1	1	23.422958
Lane_str_inv	BOBJ1	250.245	Before	Interior Girder 2	58.985	0.95	1	1	22.173199
Lane_str_inv	BOBJ1	250.245	Before	Interior Girder 3	58.985	0.95	1	1	19.778845
Lane_str_inv	BOBJ1	250.245	Before	Interior Girder 4	58.985	0.95	1	1	19.778845
Lane_str_inv	BOBJ1	250.245	Before	Interior Girder 5	58.985	0.95	1	1	22.173199
Lane_str_inv	BOBJ1	250.245	Before	Interior Girder 6	58.985	0.95	1	1	23.422958
Lane_str_inv	BOBJ1	250.245	Before	Right Exterior Girder	58.985	0.95	1	1	26.843845
Lane_str_inv	BOBJ1	250.245	After	Left Exterior Girder	58.985	0.95	1	1	22.060902
Lane_str_inv	BOBJ1	250.245	After	Interior Girder 1	58.985	0.95	1	1	22.01089
Lane_str_inv	BOBJ1	250.245	After	Interior Girder 2	58.985	0.95	1	1	19.486654
Lane_str_inv	BOBJ1	250.245	After	Interior Girder 3	58.985	0.95	1	1	16.998294
Lane_str_inv	BOBJ1	250.245	After	Interior Girder 4	58.985	0.95	1	1	16.998294
Lane_str_inv	BOBJ1	250.245	After	Interior Girder 5	58.985	0.95	1	1	19.486654
Lane_str_inv	BOBJ1	250.245	After	Interior Girder 6	58.985	0.95	1	1	22.01089
Lane_str_inv	BOBJ1	250.245	After	Right Exterior Girder	58.985	0.95	1	1	22.060902
Lane_str_inv	BOBJ1	251.68	Before	Left Exterior Girder	60.42	0.95	1	1	21.995007
Lane_str_inv	BOBJ1	251.68	Before	Right Exterior Girder	60.42	0.95	1	1	21.995007
Lane_str_inv	BOBJ1	251.68	After	Left Exterior Girder	60.42	0.95	1	1	20.731905
Lane_str_inv	BOBJ1	251.68	After	Right Exterior Girder	60.42	0.95	1	1	20.731905
Lane_str_inv	BOBJ1	254.18	Before	Interior Girder 1	62.92	0.95	1	1	19.244942
Lane_str_inv	BOBJ1	254.18	Before	Interior Girder 2	62.92	0.95	1	1	19.270397
Lane_str_inv	BOBJ1	254.18	Before	Interior Girder 3	62.92	0.95	1	1	16.805877
Lane_str_inv	BOBJ1	254.18	Before	Interior Girder 4	62.92	0.95	1	1	16.805877
Lane_str_inv	BOBJ1	254.18	Before	Interior Girder 5	62.92	0.95	1	1	19.270397
Lane_str_inv	BOBJ1	254.18	Before	Interior Girder 6	62.92	0.95	1	1	19.244942
Lane_str_inv	BOBJ1	254.18	After	Interior Girder 1	62.92	0.95	1	1	16.584084
Lane_str_inv	BOBJ1	254.18	After	Interior Girder 2	62.92	0.95	1	1	17.092636
Lane_str_inv	BOBJ1	254.18	After	Interior Girder 3	62.92	0.95	1	1	14.551225
Lane_str_inv	BOBJ1	254.18	After	Interior Girder 4	62.92	0.95	1	1	14.551225
Lane_str_inv	BOBJ1	254.18	After	Interior Girder 5	62.92	0.95	1	1	17.092636
Lane_str_inv	BOBJ1	254.18	After	Interior Girder 6	62.92	0.95	1	1	16.584084
Lane_str_inv	BOBJ1	258.68	Before	Left Exterior Girder	67.42	0.95	1	1	23.767702
Lane_str_inv	BOBJ1	258.68	Before	Interior Girder 1	67.42	0.95	1	1	16.363623
Lane_str_inv	BOBJ1	258.68	Before	Interior Girder 2	67.42	0.95	1	1	16.867626
Lane_str_inv	BOBJ1	258.68	Before	Interior Girder 3	67.42	0.95	1	1	14.354928
Lane_str_inv	BOBJ1	258.68	Before	Interior Girder 4	67.42	0.95	1	1	14.354928
Lane_str_inv	BOBJ1	258.68	Before	Interior Girder 5	67.42	0.95	1	1	16.867626
Lane_str_inv	BOBJ1	258.68	Before	Interior Girder 6	67.42	0.95	1	1	16.363623
Lane_str_inv	BOBJ1	258.68	Before	Right Exterior Girder	67.42	0.95	1	1	23.767702
Lane_str_inv	BOBJ1	258.68	After	Left Exterior Girder	0	0.95	1	1	27.113254
Lane_str_inv	BOBJ1	258.68	After	Interior Girder 1	0	0.95	1	1	16.867194
Lane_str_inv	BOBJ1	258.68	After	Interior Girder 2	0	0.95	1	1	17.369524
Lane_str_inv	BOBJ1	258.68	After	Interior Girder 3	0	0.95	1	1	14.636192
Lane_str_inv	BOBJ1	258.68	After	Interior Girder 4	0	0.95	1	1	14.636192
Lane_str_inv	BOBJ1	258.68	After	Interior Girder 5	0	0.95	1	1	17.369524
Lane_str_inv	BOBJ1	258.68	After	Interior Girder 6	0	0.95	1	1	16.867194
Lane_str_inv	BOBJ1	258.68	After	Right Exterior Girder	0	0.95	1	1	27.113254
Lane_str_inv	BOBJ1	263.18	Before	Interior Girder 1	4.5	0.95	1	1	17.09573

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Approach, Span 7-11									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Lane_str_inv	BOBJ1	263.18	Before	Interior Girder 2	4.5	0.95	1	1	17.602609
Lane_str_inv	BOBJ1	263.18	Before	Interior Girder 3	4.5	0.95	1	1	14.837221
Lane_str_inv	BOBJ1	263.18	Before	Interior Girder 4	4.5	0.95	1	1	14.837221
Lane_str_inv	BOBJ1	263.18	Before	Interior Girder 5	4.5	0.95	1	1	17.602609
Lane_str_inv	BOBJ1	263.18	Before	Interior Girder 6	4.5	0.95	1	1	17.09573
Lane_str_inv	BOBJ1	263.18	After	Interior Girder 1	4.5	0.95	1	1	20.375955
Lane_str_inv	BOBJ1	263.18	After	Interior Girder 2	4.5	0.95	1	1	20.310905
Lane_str_inv	BOBJ1	263.18	After	Interior Girder 3	4.5	0.95	1	1	17.626581
Lane_str_inv	BOBJ1	263.18	After	Interior Girder 4	4.5	0.95	1	1	17.626581
Lane_str_inv	BOBJ1	263.18	After	Interior Girder 5	4.5	0.95	1	1	20.310905
Lane_str_inv	BOBJ1	263.18	After	Interior Girder 6	4.5	0.95	1	1	20.375955
Lane_str_inv	BOBJ1	265.68	Before	Left Exterior Girder	7	0.95	1	1	23.931578
Lane_str_inv	BOBJ1	265.68	Before	Right Exterior Girder	7	0.95	1	1	23.931578
Lane_str_inv	BOBJ1	265.68	After	Left Exterior Girder	7	0.95	1	1	25.767993
Lane_str_inv	BOBJ1	265.68	After	Right Exterior Girder	7	0.95	1	1	25.767993
Lane_str_inv	BOBJ1	268.08	Before	Left Exterior Girder	9.4	0.95	1	1	25.897421
Lane_str_inv	BOBJ1	268.08	Before	Interior Girder 1	9.4	0.95	1	1	22.75599
Lane_str_inv	BOBJ1	268.08	Before	Interior Girder 2	9.4	0.95	1	1	20.596317
Lane_str_inv	BOBJ1	268.08	Before	Interior Girder 3	9.4	0.95	1	1	17.878784
Lane_str_inv	BOBJ1	268.08	Before	Interior Girder 4	9.4	0.95	1	1	17.878784
Lane_str_inv	BOBJ1	268.08	Before	Interior Girder 5	9.4	0.95	1	1	20.596317
Lane_str_inv	BOBJ1	268.08	Before	Interior Girder 6	9.4	0.95	1	1	22.75599
Lane_str_inv	BOBJ1	268.08	Before	Right Exterior Girder	9.4	0.95	1	1	25.897421
Lane_str_inv	BOBJ1	268.08	After	Left Exterior Girder	9.4	0.95	1	1	32.655954
Lane_str_inv	BOBJ1	268.08	After	Interior Girder 1	9.4	0.95	1	1	28.42403
Lane_str_inv	BOBJ1	268.08	After	Interior Girder 2	9.4	0.95	1	1	25.906949
Lane_str_inv	BOBJ1	268.08	After	Interior Girder 3	9.4	0.95	1	1	23.256682
Lane_str_inv	BOBJ1	268.08	After	Interior Girder 4	9.4	0.95	1	1	23.256682
Lane_str_inv	BOBJ1	268.08	After	Interior Girder 5	9.4	0.95	1	1	25.906949
Lane_str_inv	BOBJ1	268.08	After	Interior Girder 6	9.4	0.95	1	1	28.42403
Lane_str_inv	BOBJ1	268.08	After	Right Exterior Girder	9.4	0.95	1	1	32.655954
Lane_str_inv	BOBJ1	277.48	Before	Left Exterior Girder	18.8	0.95	1	1	33.271163
Lane_str_inv	BOBJ1	277.48	Before	Interior Girder 1	18.8	0.95	1	1	29.183252
Lane_str_inv	BOBJ1	277.48	Before	Interior Girder 2	18.8	0.95	1	1	26.591912
Lane_str_inv	BOBJ1	277.48	Before	Interior Girder 3	18.8	0.95	1	1	23.879945
Lane_str_inv	BOBJ1	277.48	Before	Interior Girder 4	18.8	0.95	1	1	23.879945
Lane_str_inv	BOBJ1	277.48	Before	Interior Girder 5	18.8	0.95	1	1	26.591912
Lane_str_inv	BOBJ1	277.48	Before	Interior Girder 6	18.8	0.95	1	1	29.183252
Lane_str_inv	BOBJ1	277.48	Before	Right Exterior Girder	18.8	0.95	1	1	33.271163
Lane_str_inv	BOBJ1	277.48	After	Left Exterior Girder	18.8	0.95	1	1	67.837677
Lane_str_inv	BOBJ1	277.48	After	Interior Girder 1	18.8	0.95	1	1	36.454323
Lane_str_inv	BOBJ1	277.48	After	Interior Girder 2	18.8	0.95	1	1	36.493996
Lane_str_inv	BOBJ1	277.48	After	Interior Girder 3	18.8	0.95	1	1	35.25597
Lane_str_inv	BOBJ1	277.48	After	Interior Girder 4	18.8	0.95	1	1	35.25597
Lane_str_inv	BOBJ1	277.48	After	Interior Girder 5	18.8	0.95	1	1	36.493996
Lane_str_inv	BOBJ1	277.48	After	Interior Girder 6	18.8	0.95	1	1	36.454323
Lane_str_inv	BOBJ1	277.48	After	Right Exterior Girder	18.8	0.95	1	1	67.837677
Lane_str_inv	BOBJ1	286.88	Before	Left Exterior Girder	28.2	0.95	1	1	69.049766
Lane_str_inv	BOBJ1	286.88	Before	Interior Girder 1	28.2	0.95	1	1	37.391404
Lane_str_inv	BOBJ1	286.88	Before	Interior Girder 2	28.2	0.95	1	1	37.430837
Lane_str_inv	BOBJ1	286.88	Before	Interior Girder 3	28.2	0.95	1	1	36.159941
Lane_str_inv	BOBJ1	286.88	Before	Interior Girder 4	28.2	0.95	1	1	36.159941
Lane_str_inv	BOBJ1	286.88	Before	Interior Girder 5	28.2	0.95	1	1	37.430837
Lane_str_inv	BOBJ1	286.88	Before	Interior Girder 6	28.2	0.95	1	1	37.391404
Lane_str_inv	BOBJ1	286.88	Before	Right Exterior Girder	28.2	0.95	1	1	69.049766
Lane_str_inv	BOBJ1	286.88	After	Left Exterior Girder	28.2	0.95	1	1	92.445232
Lane_str_inv	BOBJ1	286.88	After	Interior Girder 1	28.2	0.95	1	1	61.4255
Lane_str_inv	BOBJ1	286.88	After	Interior Girder 2	28.2	0.95	1	1	57.657286
Lane_str_inv	BOBJ1	286.88	After	Interior Girder 3	28.2	0.95	1	1	59.351308
Lane_str_inv	BOBJ1	286.88	After	Interior Girder 4	28.2	0.95	1	1	59.351308
Lane_str_inv	BOBJ1	286.88	After	Interior Girder 5	28.2	0.95	1	1	57.657286
Lane_str_inv	BOBJ1	286.88	After	Interior Girder 6	28.2	0.95	1	1	61.4255
Lane_str_inv	BOBJ1	286.88	After	Right Exterior Girder	28.2	0.95	1	1	92.445232
Lane_str_inv	BOBJ1	296.28	Before	Left Exterior Girder	37.6	0.95	1	1	94.01574
Lane_str_inv	BOBJ1	296.28	Before	Interior Girder 1	37.6	0.95	1	1	62.953765

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Approach, Span 7-11									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Lane_str_inv	BOBJ1	296.28	Before	Interior Girder 2	37.6	0.95	1	1	59.086389
Lane_str_inv	BOBJ1	296.28	Before	Interior Girder 3	37.6	0.95	1	1	60.821047
Lane_str_inv	BOBJ1	296.28	Before	Interior Girder 4	37.6	0.95	1	1	60.821047
Lane_str_inv	BOBJ1	296.28	Before	Interior Girder 5	37.6	0.95	1	1	59.086389
Lane_str_inv	BOBJ1	296.28	Before	Interior Girder 6	37.6	0.95	1	1	62.953765
Lane_str_inv	BOBJ1	296.28	Before	Right Exterior Girder	37.6	0.95	1	1	94.01574
Lane_str_inv	BOBJ1	296.28	After	Left Exterior Girder	37.6	0.95	1	1	56.393485
Lane_str_inv	BOBJ1	296.28	After	Interior Girder 1	37.6	0.95	1	1	50.618246
Lane_str_inv	BOBJ1	296.28	After	Interior Girder 2	37.6	0.95	1	1	45.42331
Lane_str_inv	BOBJ1	296.28	After	Interior Girder 3	37.6	0.95	1	1	46.407938
Lane_str_inv	BOBJ1	296.28	After	Interior Girder 4	37.6	0.95	1	1	46.407938
Lane_str_inv	BOBJ1	296.28	After	Interior Girder 5	37.6	0.95	1	1	45.42331
Lane_str_inv	BOBJ1	296.28	After	Interior Girder 6	37.6	0.95	1	1	50.618246
Lane_str_inv	BOBJ1	296.28	After	Right Exterior Girder	37.6	0.95	1	1	56.393485
Lane_str_inv	BOBJ1	305.69	Before	Left Exterior Girder	47.01	0.95	1	1	55.428324
Lane_str_inv	BOBJ1	305.69	Before	Interior Girder 1	47.01	0.95	1	1	49.3633
Lane_str_inv	BOBJ1	305.69	Before	Interior Girder 2	47.01	0.95	1	1	44.303677
Lane_str_inv	BOBJ1	305.69	Before	Interior Girder 3	47.01	0.95	1	1	45.26162
Lane_str_inv	BOBJ1	305.69	Before	Interior Girder 4	47.01	0.95	1	1	45.26162
Lane_str_inv	BOBJ1	305.69	Before	Interior Girder 5	47.01	0.95	1	1	44.303677
Lane_str_inv	BOBJ1	305.69	Before	Interior Girder 6	47.01	0.95	1	1	49.3633
Lane_str_inv	BOBJ1	305.69	Before	Right Exterior Girder	47.01	0.95	1	1	55.428324
Lane_str_inv	BOBJ1	305.69	After	Left Exterior Girder	47.01	0.95	1	1	44.118103
Lane_str_inv	BOBJ1	305.69	After	Interior Girder 1	47.01	0.95	1	1	30.370132
Lane_str_inv	BOBJ1	305.69	After	Interior Girder 2	47.01	0.95	1	1	29.672684
Lane_str_inv	BOBJ1	305.69	After	Interior Girder 3	47.01	0.95	1	1	28.976114
Lane_str_inv	BOBJ1	305.69	After	Interior Girder 4	47.01	0.95	1	1	28.976114
Lane_str_inv	BOBJ1	305.69	After	Interior Girder 5	47.01	0.95	1	1	29.672684
Lane_str_inv	BOBJ1	305.69	After	Interior Girder 6	47.01	0.95	1	1	30.370132
Lane_str_inv	BOBJ1	305.69	After	Right Exterior Girder	47.01	0.95	1	1	44.118103
Lane_str_inv	BOBJ1	315.1	Before	Left Exterior Girder	56.42	0.95	1	1	43.323115
Lane_str_inv	BOBJ1	315.1	Before	Interior Girder 1	56.42	0.95	1	1	29.592773
Lane_str_inv	BOBJ1	315.1	Before	Interior Girder 2	56.42	0.95	1	1	28.915912
Lane_str_inv	BOBJ1	315.1	Before	Interior Girder 3	56.42	0.95	1	1	28.23459
Lane_str_inv	BOBJ1	315.1	Before	Interior Girder 4	56.42	0.95	1	1	28.23459
Lane_str_inv	BOBJ1	315.1	Before	Interior Girder 5	56.42	0.95	1	1	28.915912
Lane_str_inv	BOBJ1	315.1	Before	Interior Girder 6	56.42	0.95	1	1	29.592773
Lane_str_inv	BOBJ1	315.1	Before	Right Exterior Girder	56.42	0.95	1	1	43.323115
SU4_str	BOBJ1	0	After	Left Exterior Girder	0	0.95	1	1	12.882575
SU4_str	BOBJ1	0	After	Interior Girder 1	0	0.95	1	1	8.522396
SU4_str	BOBJ1	0	After	Interior Girder 2	0	0.95	1	1	7.849783
SU4_str	BOBJ1	0	After	Interior Girder 3	0	0.95	1	1	7.170329
SU4_str	BOBJ1	0	After	Interior Girder 4	0	0.95	1	1	7.170329
SU4_str	BOBJ1	0	After	Interior Girder 5	0	0.95	1	1	7.849783
SU4_str	BOBJ1	0	After	Interior Girder 6	0	0.95	1	1	8.522396
SU4_str	BOBJ1	0	After	Right Exterior Girder	0	0.95	1	1	12.882575
SU4_str	BOBJ1	9.4	Before	Left Exterior Girder	9.4	0.95	1	1	13.118421
SU4_str	BOBJ1	9.4	Before	Interior Girder 1	9.4	0.95	1	1	8.746063
SU4_str	BOBJ1	9.4	Before	Interior Girder 2	9.4	0.95	1	1	8.054972
SU4_str	BOBJ1	9.4	Before	Interior Girder 3	9.4	0.95	1	1	7.358358
SU4_str	BOBJ1	9.4	Before	Interior Girder 4	9.4	0.95	1	1	7.358358
SU4_str	BOBJ1	9.4	Before	Interior Girder 5	9.4	0.95	1	1	8.054972
SU4_str	BOBJ1	9.4	Before	Interior Girder 6	9.4	0.95	1	1	8.746063
SU4_str	BOBJ1	9.4	Before	Right Exterior Girder	9.4	0.95	1	1	13.118421
SU4_str	BOBJ1	9.4	After	Left Exterior Girder	9.4	0.95	1	1	16.895587
SU4_str	BOBJ1	9.4	After	Interior Girder 1	9.4	0.95	1	1	14.328778
SU4_str	BOBJ1	9.4	After	Interior Girder 2	9.4	0.95	1	1	12.878057
SU4_str	BOBJ1	9.4	After	Interior Girder 3	9.4	0.95	1	1	12.440412
SU4_str	BOBJ1	9.4	After	Interior Girder 4	9.4	0.95	1	1	12.440412
SU4_str	BOBJ1	9.4	After	Interior Girder 5	9.4	0.95	1	1	12.878057
SU4_str	BOBJ1	9.4	After	Interior Girder 6	9.4	0.95	1	1	14.328778
SU4_str	BOBJ1	9.4	After	Right Exterior Girder	9.4	0.95	1	1	16.895587
SU4_str	BOBJ1	18.8	Before	Left Exterior Girder	18.8	0.95	1	1	17.189152
SU4_str	BOBJ1	18.8	Before	Interior Girder 1	18.8	0.95	1	1	14.692698
SU4_str	BOBJ1	18.8	Before	Interior Girder 2	18.8	0.95	1	1	13.20312

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Approach, Span 7-11									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
SU4_str	BOBJ1	18.8	Before	Interior Girder 3	18.8	0.95	1	1	12.755036
SU4_str	BOBJ1	18.8	Before	Interior Girder 4	18.8	0.95	1	1	12.755036
SU4_str	BOBJ1	18.8	Before	Interior Girder 5	18.8	0.95	1	1	13.20312
SU4_str	BOBJ1	18.8	Before	Interior Girder 6	18.8	0.95	1	1	14.692698
SU4_str	BOBJ1	18.8	Before	Right Exterior Girder	18.8	0.95	1	1	17.189152
SU4_str	BOBJ1	18.8	After	Left Exterior Girder	18.8	0.95	1	1	32.837607
SU4_str	BOBJ1	18.8	After	Interior Girder 1	18.8	0.95	1	1	15.597373
SU4_str	BOBJ1	18.8	After	Interior Girder 2	18.8	0.95	1	1	13.794104
SU4_str	BOBJ1	18.8	After	Interior Girder 3	18.8	0.95	1	1	11.699488
SU4_str	BOBJ1	18.8	After	Interior Girder 4	18.8	0.95	1	1	11.699488
SU4_str	BOBJ1	18.8	After	Interior Girder 5	18.8	0.95	1	1	13.794104
SU4_str	BOBJ1	18.8	After	Interior Girder 6	18.8	0.95	1	1	15.597373
SU4_str	BOBJ1	18.8	After	Right Exterior Girder	18.8	0.95	1	1	32.837607
SU4_str	BOBJ1	28.2	Before	Left Exterior Girder	28.2	0.95	1	1	32.288753
SU4_str	BOBJ1	28.2	Before	Interior Girder 1	28.2	0.95	1	1	15.97631
SU4_str	BOBJ1	28.2	Before	Interior Girder 2	28.2	0.95	1	1	14.130543
SU4_str	BOBJ1	28.2	Before	Interior Girder 3	28.2	0.95	1	1	11.985127
SU4_str	BOBJ1	28.2	Before	Interior Girder 4	28.2	0.95	1	1	11.985127
SU4_str	BOBJ1	28.2	Before	Interior Girder 5	28.2	0.95	1	1	14.130543
SU4_str	BOBJ1	28.2	Before	Interior Girder 6	28.2	0.95	1	1	15.97631
SU4_str	BOBJ1	28.2	Before	Right Exterior Girder	28.2	0.95	1	1	32.288753
SU4_str	BOBJ1	28.2	After	Left Exterior Girder	28.2	0.95	1	1	20.522686
SU4_str	BOBJ1	28.2	After	Interior Girder 1	28.2	0.95	1	1	11.486215
SU4_str	BOBJ1	28.2	After	Interior Girder 2	28.2	0.95	1	1	10.45813
SU4_str	BOBJ1	28.2	After	Interior Girder 3	28.2	0.95	1	1	9.090892
SU4_str	BOBJ1	28.2	After	Interior Girder 4	28.2	0.95	1	1	9.090892
SU4_str	BOBJ1	28.2	After	Interior Girder 5	28.2	0.95	1	1	10.45813
SU4_str	BOBJ1	28.2	After	Interior Girder 6	28.2	0.95	1	1	11.486215
SU4_str	BOBJ1	28.2	After	Right Exterior Girder	28.2	0.95	1	1	20.522686
SU4_str	BOBJ1	37.6	Before	Left Exterior Girder	37.6	0.95	1	1	20.162222
SU4_str	BOBJ1	37.6	Before	Interior Girder 1	37.6	0.95	1	1	11.198226
SU4_str	BOBJ1	37.6	Before	Interior Girder 2	37.6	0.95	1	1	10.196314
SU4_str	BOBJ1	37.6	Before	Interior Girder 3	37.6	0.95	1	1	8.863601
SU4_str	BOBJ1	37.6	Before	Interior Girder 4	37.6	0.95	1	1	8.863601
SU4_str	BOBJ1	37.6	Before	Interior Girder 5	37.6	0.95	1	1	10.196314
SU4_str	BOBJ1	37.6	Before	Interior Girder 6	37.6	0.95	1	1	11.198226
SU4_str	BOBJ1	37.6	Before	Right Exterior Girder	37.6	0.95	1	1	20.162222
SU4_str	BOBJ1	37.6	After	Left Exterior Girder	37.6	0.95	1	1	11.673028
SU4_str	BOBJ1	37.6	After	Interior Girder 1	37.6	0.95	1	1	10.095635
SU4_str	BOBJ1	37.6	After	Interior Girder 2	37.6	0.95	1	1	9.094345
SU4_str	BOBJ1	37.6	After	Interior Girder 3	37.6	0.95	1	1	8.472742
SU4_str	BOBJ1	37.6	After	Interior Girder 4	37.6	0.95	1	1	8.472742
SU4_str	BOBJ1	37.6	After	Interior Girder 5	37.6	0.95	1	1	9.094345
SU4_str	BOBJ1	37.6	After	Interior Girder 6	37.6	0.95	1	1	10.095635
SU4_str	BOBJ1	37.6	After	Right Exterior Girder	37.6	0.95	1	1	11.673028
SU4_str	BOBJ1	47.01	Before	Left Exterior Girder	47.01	0.95	1	1	11.456864
SU4_str	BOBJ1	47.01	Before	Interior Girder 1	47.01	0.95	1	1	9.832549
SU4_str	BOBJ1	47.01	Before	Interior Girder 2	47.01	0.95	1	1	8.859754
SU4_str	BOBJ1	47.01	Before	Interior Girder 3	47.01	0.95	1	1	8.251351
SU4_str	BOBJ1	47.01	Before	Interior Girder 4	47.01	0.95	1	1	8.251351
SU4_str	BOBJ1	47.01	Before	Interior Girder 5	47.01	0.95	1	1	8.859754
SU4_str	BOBJ1	47.01	Before	Interior Girder 6	47.01	0.95	1	1	9.832549
SU4_str	BOBJ1	47.01	Before	Right Exterior Girder	47.01	0.95	1	1	11.456864
SU4_str	BOBJ1	47.01	After	Left Exterior Girder	47.01	0.95	1	1	9.497088
SU4_str	BOBJ1	47.01	After	Interior Girder 1	47.01	0.95	1	1	6.937252
SU4_str	BOBJ1	47.01	After	Interior Girder 2	47.01	0.95	1	1	6.204481
SU4_str	BOBJ1	47.01	After	Interior Girder 3	47.01	0.95	1	1	5.252119
SU4_str	BOBJ1	47.01	After	Interior Girder 4	47.01	0.95	1	1	5.252119
SU4_str	BOBJ1	47.01	After	Interior Girder 5	47.01	0.95	1	1	6.204481
SU4_str	BOBJ1	47.01	After	Interior Girder 6	47.01	0.95	1	1	6.937252
SU4_str	BOBJ1	47.01	After	Right Exterior Girder	47.01	0.95	1	1	9.497088
SU4_str	BOBJ1	49.42	Before	Left Exterior Girder	49.42	0.95	1	1	9.449408
SU4_str	BOBJ1	49.42	Before	Right Exterior Girder	49.42	0.95	1	1	9.449408
SU4_str	BOBJ1	49.42	After	Left Exterior Girder	49.42	0.95	1	1	8.754194
SU4_str	BOBJ1	49.42	After	Right Exterior Girder	49.42	0.95	1	1	8.754194

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Approach, Span 7-11									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
SU4_str	BOBJ1	51.92	Before	Interior Girder 1	51.92	0.95	1	1	6.497548
SU4_str	BOBJ1	51.92	Before	Interior Girder 2	51.92	0.95	1	1	6.11829
SU4_str	BOBJ1	51.92	Before	Interior Girder 3	51.92	0.95	1	1	5.177871
SU4_str	BOBJ1	51.92	Before	Interior Girder 4	51.92	0.95	1	1	5.177871
SU4_str	BOBJ1	51.92	Before	Interior Girder 5	51.92	0.95	1	1	6.11829
SU4_str	BOBJ1	51.92	Before	Interior Girder 6	51.92	0.95	1	1	6.497548
SU4_str	BOBJ1	51.92	After	Interior Girder 1	51.92	0.95	1	1	5.564439
SU4_str	BOBJ1	51.92	After	Interior Girder 2	51.92	0.95	1	1	5.173651
SU4_str	BOBJ1	51.92	After	Interior Girder 3	51.92	0.95	1	1	4.134215
SU4_str	BOBJ1	51.92	After	Interior Girder 4	51.92	0.95	1	1	4.134215
SU4_str	BOBJ1	51.92	After	Interior Girder 5	51.92	0.95	1	1	5.173651
SU4_str	BOBJ1	51.92	After	Interior Girder 6	51.92	0.95	1	1	5.564439
SU4_str	BOBJ1	56.42	Before	Left Exterior Girder	56.42	0.95	1	1	9.906274
SU4_str	BOBJ1	56.42	Before	Interior Girder 1	56.42	0.95	1	1	5.490001
SU4_str	BOBJ1	56.42	Before	Interior Girder 2	56.42	0.95	1	1	5.105113
SU4_str	BOBJ1	56.42	Before	Interior Girder 3	56.42	0.95	1	1	4.078192
SU4_str	BOBJ1	56.42	Before	Interior Girder 4	56.42	0.95	1	1	4.078192
SU4_str	BOBJ1	56.42	Before	Interior Girder 5	56.42	0.95	1	1	5.105113
SU4_str	BOBJ1	56.42	Before	Interior Girder 6	56.42	0.95	1	1	5.490001
SU4_str	BOBJ1	56.42	Before	Right Exterior Girder	56.42	0.95	1	1	9.906274
SU4_str	BOBJ1	56.42	After	Left Exterior Girder	0	0.95	1	1	9.429498
SU4_str	BOBJ1	56.42	After	Interior Girder 1	0	0.95	1	1	5.590587
SU4_str	BOBJ1	56.42	After	Interior Girder 2	0	0.95	1	1	5.240378
SU4_str	BOBJ1	56.42	After	Interior Girder 3	0	0.95	1	1	4.18539
SU4_str	BOBJ1	56.42	After	Interior Girder 4	0	0.95	1	1	4.18539
SU4_str	BOBJ1	56.42	After	Interior Girder 5	0	0.95	1	1	5.240378
SU4_str	BOBJ1	56.42	After	Interior Girder 6	0	0.95	1	1	5.590587
SU4_str	BOBJ1	56.42	After	Right Exterior Girder	0	0.95	1	1	9.429498
SU4_str	BOBJ1	60.92	Before	Interior Girder 1	4.5	0.95	1	1	5.665905
SU4_str	BOBJ1	60.92	Before	Interior Girder 2	4.5	0.95	1	1	5.310277
SU4_str	BOBJ1	60.92	Before	Interior Girder 3	4.5	0.95	1	1	4.24263
SU4_str	BOBJ1	60.92	Before	Interior Girder 4	4.5	0.95	1	1	4.24263
SU4_str	BOBJ1	60.92	Before	Interior Girder 5	4.5	0.95	1	1	5.310277
SU4_str	BOBJ1	60.92	Before	Interior Girder 6	4.5	0.95	1	1	5.665905
SU4_str	BOBJ1	60.92	After	Interior Girder 1	4.5	0.95	1	1	6.428556
SU4_str	BOBJ1	60.92	After	Interior Girder 2	4.5	0.95	1	1	6.063399
SU4_str	BOBJ1	60.92	After	Interior Girder 3	4.5	0.95	1	1	5.117134
SU4_str	BOBJ1	60.92	After	Interior Girder 4	4.5	0.95	1	1	5.117134
SU4_str	BOBJ1	60.92	After	Interior Girder 5	4.5	0.95	1	1	6.063399
SU4_str	BOBJ1	60.92	After	Interior Girder 6	4.5	0.95	1	1	6.428556
SU4_str	BOBJ1	63.42	Before	Left Exterior Girder	7	0.95	1	1	8.081637
SU4_str	BOBJ1	63.42	Before	Right Exterior Girder	7	0.95	1	1	8.081637
SU4_str	BOBJ1	63.42	After	Left Exterior Girder	7	0.95	1	1	8.454176
SU4_str	BOBJ1	63.42	After	Right Exterior Girder	7	0.95	1	1	8.454176
SU4_str	BOBJ1	64.845	Before	Left Exterior Girder	8.425	0.95	1	1	8.479343
SU4_str	BOBJ1	64.845	Before	Interior Girder 1	8.425	0.95	1	1	7.069895
SU4_str	BOBJ1	64.845	Before	Interior Girder 2	8.425	0.95	1	1	6.131266
SU4_str	BOBJ1	64.845	Before	Interior Girder 3	8.425	0.95	1	1	5.17558
SU4_str	BOBJ1	64.845	Before	Interior Girder 4	8.425	0.95	1	1	5.17558
SU4_str	BOBJ1	64.845	Before	Interior Girder 5	8.425	0.95	1	1	6.131266
SU4_str	BOBJ1	64.845	Before	Interior Girder 6	8.425	0.95	1	1	7.069895
SU4_str	BOBJ1	64.845	Before	Right Exterior Girder	8.425	0.95	1	1	8.479343
SU4_str	BOBJ1	64.845	After	Left Exterior Girder	8.425	0.95	1	1	10.186192
SU4_str	BOBJ1	64.845	After	Interior Girder 1	8.425	0.95	1	1	8.033716
SU4_str	BOBJ1	64.845	After	Interior Girder 2	8.425	0.95	1	1	7.40459
SU4_str	BOBJ1	64.845	After	Interior Girder 3	8.425	0.95	1	1	6.659223
SU4_str	BOBJ1	64.845	After	Interior Girder 4	8.425	0.95	1	1	6.659223
SU4_str	BOBJ1	64.845	After	Interior Girder 5	8.425	0.95	1	1	7.40459
SU4_str	BOBJ1	64.845	After	Interior Girder 6	8.425	0.95	1	1	8.033716
SU4_str	BOBJ1	64.845	After	Right Exterior Girder	8.425	0.95	1	1	10.186192
SU4_str	BOBJ1	69.92	Before	Left Exterior Girder	13.5	0.95	1	1	10.290535
SU4_str	BOBJ1	69.92	Before	Interior Girder 1	13.5	0.95	1	1	8.149478
SU4_str	BOBJ1	69.92	Before	Interior Girder 2	13.5	0.95	1	1	7.510211
SU4_str	BOBJ1	69.92	Before	Interior Girder 3	13.5	0.95	1	1	6.755853
SU4_str	BOBJ1	69.92	Before	Interior Girder 4	13.5	0.95	1	1	6.755853

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Approach, Span 7-11									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
SU4_str	BOBJ1	69.92	Before	Interior Girder 5	13.5	0.95	1	1	7.510211
SU4_str	BOBJ1	69.92	Before	Interior Girder 6	13.5	0.95	1	1	8.149478
SU4_str	BOBJ1	69.92	Before	Right Exterior Girder	13.5	0.95	1	1	10.290535
SU4_str	BOBJ1	69.92	After	Left Exterior Girder	13.5	0.95	1	1	9.744404
SU4_str	BOBJ1	69.92	After	Interior Girder 1	13.5	0.95	1	1	8.749691
SU4_str	BOBJ1	69.92	After	Interior Girder 2	13.5	0.95	1	1	8.032688
SU4_str	BOBJ1	69.92	After	Interior Girder 3	13.5	0.95	1	1	7.372069
SU4_str	BOBJ1	69.92	After	Interior Girder 4	13.5	0.95	1	1	7.372069
SU4_str	BOBJ1	69.92	After	Interior Girder 5	13.5	0.95	1	1	8.032688
SU4_str	BOBJ1	69.92	After	Interior Girder 6	13.5	0.95	1	1	8.749691
SU4_str	BOBJ1	69.92	After	Right Exterior Girder	13.5	0.95	1	1	9.744404
SU4_str	BOBJ1	73.27	Before	Left Exterior Girder	16.85	0.95	1	1	9.814356
SU4_str	BOBJ1	73.27	Before	Interior Girder 1	16.85	0.95	1	1	8.834532
SU4_str	BOBJ1	73.27	Before	Interior Girder 2	16.85	0.95	1	1	8.109737
SU4_str	BOBJ1	73.27	Before	Interior Girder 3	16.85	0.95	1	1	7.443934
SU4_str	BOBJ1	73.27	Before	Interior Girder 4	16.85	0.95	1	1	7.443934
SU4_str	BOBJ1	73.27	Before	Interior Girder 5	16.85	0.95	1	1	8.109737
SU4_str	BOBJ1	73.27	Before	Interior Girder 6	16.85	0.95	1	1	8.834532
SU4_str	BOBJ1	73.27	Before	Right Exterior Girder	16.85	0.95	1	1	9.814356
SU4_str	BOBJ1	73.27	After	Left Exterior Girder	16.85	0.95	1	1	15.03262
SU4_str	BOBJ1	73.27	After	Interior Girder 1	16.85	0.95	1	1	9.661737
SU4_str	BOBJ1	73.27	After	Interior Girder 2	16.85	0.95	1	1	8.970527
SU4_str	BOBJ1	73.27	After	Interior Girder 3	16.85	0.95	1	1	8.028011
SU4_str	BOBJ1	73.27	After	Interior Girder 4	16.85	0.95	1	1	8.028011
SU4_str	BOBJ1	73.27	After	Interior Girder 5	16.85	0.95	1	1	8.970527
SU4_str	BOBJ1	73.27	After	Interior Girder 6	16.85	0.95	1	1	9.661737
SU4_str	BOBJ1	73.27	After	Right Exterior Girder	16.85	0.95	1	1	15.03262
SU4_str	BOBJ1	81.695	Before	Left Exterior Girder	25.275	0.95	1	1	15.294935
SU4_str	BOBJ1	81.695	Before	Interior Girder 1	25.275	0.95	1	1	9.893446
SU4_str	BOBJ1	81.695	Before	Interior Girder 2	25.275	0.95	1	1	9.185123
SU4_str	BOBJ1	81.695	Before	Interior Girder 3	25.275	0.95	1	1	8.219927
SU4_str	BOBJ1	81.695	Before	Interior Girder 4	25.275	0.95	1	1	8.219927
SU4_str	BOBJ1	81.695	Before	Interior Girder 5	25.275	0.95	1	1	9.185123
SU4_str	BOBJ1	81.695	Before	Interior Girder 6	25.275	0.95	1	1	9.893446
SU4_str	BOBJ1	81.695	Before	Right Exterior Girder	25.275	0.95	1	1	15.294935
SU4_str	BOBJ1	81.695	After	Left Exterior Girder	25.275	0.95	1	1	19.508519
SU4_str	BOBJ1	81.695	After	Interior Girder 1	25.275	0.95	1	1	15.286402
SU4_str	BOBJ1	81.695	After	Interior Girder 2	25.275	0.95	1	1	13.870468
SU4_str	BOBJ1	81.695	After	Interior Girder 3	25.275	0.95	1	1	12.240013
SU4_str	BOBJ1	81.695	After	Interior Girder 4	25.275	0.95	1	1	12.240013
SU4_str	BOBJ1	81.695	After	Interior Girder 5	25.275	0.95	1	1	13.870468
SU4_str	BOBJ1	81.695	After	Interior Girder 6	25.275	0.95	1	1	15.286402
SU4_str	BOBJ1	81.695	After	Right Exterior Girder	25.275	0.95	1	1	19.508519
SU4_str	BOBJ1	90.12	Before	Left Exterior Girder	33.7	0.95	1	1	19.832157
SU4_str	BOBJ1	90.12	Before	Interior Girder 1	33.7	0.95	1	1	15.641986
SU4_str	BOBJ1	90.12	Before	Interior Girder 2	33.7	0.95	1	1	14.140308
SU4_str	BOBJ1	90.12	Before	Interior Girder 3	33.7	0.95	1	1	11.971823
SU4_str	BOBJ1	90.12	Before	Interior Girder 4	33.7	0.95	1	1	11.971823
SU4_str	BOBJ1	90.12	Before	Interior Girder 5	33.7	0.95	1	1	14.140308
SU4_str	BOBJ1	90.12	Before	Interior Girder 6	33.7	0.95	1	1	15.641986
SU4_str	BOBJ1	90.12	Before	Right Exterior Girder	33.7	0.95	1	1	19.832157
SU4_str	BOBJ1	90.12	After	Left Exterior Girder	33.7	0.95	1	1	20.817714
SU4_str	BOBJ1	90.12	After	Interior Girder 1	33.7	0.95	1	1	16.012519
SU4_str	BOBJ1	90.12	After	Interior Girder 2	33.7	0.95	1	1	14.037563
SU4_str	BOBJ1	90.12	After	Interior Girder 3	33.7	0.95	1	1	11.877508
SU4_str	BOBJ1	90.12	After	Interior Girder 4	33.7	0.95	1	1	11.877508
SU4_str	BOBJ1	90.12	After	Interior Girder 5	33.7	0.95	1	1	14.037563
SU4_str	BOBJ1	90.12	After	Interior Girder 6	33.7	0.95	1	1	16.012519
SU4_str	BOBJ1	90.12	After	Right Exterior Girder	33.7	0.95	1	1	20.817714
SU4_str	BOBJ1	98.545	Before	Left Exterior Girder	42.125	0.95	1	1	20.479047
SU4_str	BOBJ1	98.545	Before	Interior Girder 1	42.125	0.95	1	1	15.649021
SU4_str	BOBJ1	98.545	Before	Interior Girder 2	42.125	0.95	1	1	14.104169
SU4_str	BOBJ1	98.545	Before	Interior Girder 3	42.125	0.95	1	1	12.143763
SU4_str	BOBJ1	98.545	Before	Interior Girder 4	42.125	0.95	1	1	12.143763
SU4_str	BOBJ1	98.545	Before	Interior Girder 5	42.125	0.95	1	1	14.104169

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Approach, Span 7-11									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
SU4_str	BOBJ1	98.545	Before	Interior Girder 6	42.125	0.95	1	1	15.649021
SU4_str	BOBJ1	98.545	Before	Right Exterior Girder	42.125	0.95	1	1	20.479047
SU4_str	BOBJ1	98.545	After	Left Exterior Girder	42.125	0.95	1	1	15.810756
SU4_str	BOBJ1	98.545	After	Interior Girder 1	42.125	0.95	1	1	10.052559
SU4_str	BOBJ1	98.545	After	Interior Girder 2	42.125	0.95	1	1	9.291365
SU4_str	BOBJ1	98.545	After	Interior Girder 3	42.125	0.95	1	1	8.283124
SU4_str	BOBJ1	98.545	After	Interior Girder 4	42.125	0.95	1	1	8.283124
SU4_str	BOBJ1	98.545	After	Interior Girder 5	42.125	0.95	1	1	9.291365
SU4_str	BOBJ1	98.545	After	Interior Girder 6	42.125	0.95	1	1	10.052559
SU4_str	BOBJ1	98.545	After	Right Exterior Girder	42.125	0.95	1	1	15.810756
SU4_str	BOBJ1	106.97	Before	Left Exterior Girder	50.55	0.95	1	1	15.540498
SU4_str	BOBJ1	106.97	Before	Interior Girder 1	50.55	0.95	1	1	9.81744
SU4_str	BOBJ1	106.97	Before	Interior Girder 2	50.55	0.95	1	1	9.074446
SU4_str	BOBJ1	106.97	Before	Interior Girder 3	50.55	0.95	1	1	8.089876
SU4_str	BOBJ1	106.97	Before	Interior Girder 4	50.55	0.95	1	1	8.089876
SU4_str	BOBJ1	106.97	Before	Interior Girder 5	50.55	0.95	1	1	9.074446
SU4_str	BOBJ1	106.97	Before	Interior Girder 6	50.55	0.95	1	1	9.81744
SU4_str	BOBJ1	106.97	Before	Right Exterior Girder	50.55	0.95	1	1	15.540498
SU4_str	BOBJ1	106.97	After	Left Exterior Girder	50.55	0.95	1	1	9.859281
SU4_str	BOBJ1	106.97	After	Interior Girder 1	50.55	0.95	1	1	9.02926
SU4_str	BOBJ1	106.97	After	Interior Girder 2	50.55	0.95	1	1	8.308411
SU4_str	BOBJ1	106.97	After	Interior Girder 3	50.55	0.95	1	1	7.691584
SU4_str	BOBJ1	106.97	After	Interior Girder 4	50.55	0.95	1	1	7.691584
SU4_str	BOBJ1	106.97	After	Interior Girder 5	50.55	0.95	1	1	8.308411
SU4_str	BOBJ1	106.97	After	Interior Girder 6	50.55	0.95	1	1	9.02926
SU4_str	BOBJ1	106.97	After	Right Exterior Girder	50.55	0.95	1	1	9.859281
SU4_str	BOBJ1	115.405	Before	Left Exterior Girder	58.985	0.95	1	1	9.681394
SU4_str	BOBJ1	115.405	Before	Interior Girder 1	58.985	0.95	1	1	8.810324
SU4_str	BOBJ1	115.405	Before	Interior Girder 2	58.985	0.95	1	1	8.109244
SU4_str	BOBJ1	115.405	Before	Interior Girder 3	58.985	0.95	1	1	7.504276
SU4_str	BOBJ1	115.405	Before	Interior Girder 4	58.985	0.95	1	1	7.504276
SU4_str	BOBJ1	115.405	Before	Interior Girder 5	58.985	0.95	1	1	8.109244
SU4_str	BOBJ1	115.405	Before	Interior Girder 6	58.985	0.95	1	1	8.810324
SU4_str	BOBJ1	115.405	Before	Right Exterior Girder	58.985	0.95	1	1	9.681394
SU4_str	BOBJ1	115.405	After	Left Exterior Girder	58.985	0.95	1	1	6.361064
SU4_str	BOBJ1	115.405	After	Interior Girder 1	58.985	0.95	1	1	7.513323
SU4_str	BOBJ1	115.405	After	Interior Girder 2	58.985	0.95	1	1	5.882323
SU4_str	BOBJ1	115.405	After	Interior Girder 3	58.985	0.95	1	1	4.942107
SU4_str	BOBJ1	115.405	After	Interior Girder 4	58.985	0.95	1	1	4.942107
SU4_str	BOBJ1	115.405	After	Interior Girder 5	58.985	0.95	1	1	5.882323
SU4_str	BOBJ1	115.405	After	Interior Girder 6	58.985	0.95	1	1	7.513323
SU4_str	BOBJ1	115.405	After	Right Exterior Girder	58.985	0.95	1	1	6.361064
SU4_str	BOBJ1	116.34	Before	Left Exterior Girder	59.92	0.95	1	1	6.347119
SU4_str	BOBJ1	116.34	Before	Right Exterior Girder	59.92	0.95	1	1	6.347119
SU4_str	BOBJ1	116.34	After	Left Exterior Girder	59.92	0.95	1	1	6.033858
SU4_str	BOBJ1	116.34	After	Right Exterior Girder	59.92	0.95	1	1	6.033858
SU4_str	BOBJ1	118.84	Before	Interior Girder 1	62.42	0.95	1	1	6.146898
SU4_str	BOBJ1	118.84	Before	Interior Girder 2	62.42	0.95	1	1	5.823233
SU4_str	BOBJ1	118.84	Before	Interior Girder 3	62.42	0.95	1	1	4.891441
SU4_str	BOBJ1	118.84	Before	Interior Girder 4	62.42	0.95	1	1	4.891441
SU4_str	BOBJ1	118.84	Before	Interior Girder 5	62.42	0.95	1	1	5.823233
SU4_str	BOBJ1	118.84	Before	Interior Girder 6	62.42	0.95	1	1	6.146898
SU4_str	BOBJ1	118.84	After	Interior Girder 1	62.42	0.95	1	1	5.470307
SU4_str	BOBJ1	118.84	After	Interior Girder 2	62.42	0.95	1	1	5.128011
SU4_str	BOBJ1	118.84	After	Interior Girder 3	62.42	0.95	1	1	4.115175
SU4_str	BOBJ1	118.84	After	Interior Girder 4	62.42	0.95	1	1	4.115175
SU4_str	BOBJ1	118.84	After	Interior Girder 5	62.42	0.95	1	1	5.128011
SU4_str	BOBJ1	118.84	After	Interior Girder 6	62.42	0.95	1	1	5.470307
SU4_str	BOBJ1	123.84	Before	Left Exterior Girder	67.42	0.95	1	1	8.52879
SU4_str	BOBJ1	123.84	Before	Interior Girder 1	67.42	0.95	1	1	5.384703
SU4_str	BOBJ1	123.84	Before	Interior Girder 2	67.42	0.95	1	1	5.048648
SU4_str	BOBJ1	123.84	Before	Interior Girder 3	67.42	0.95	1	1	4.049891
SU4_str	BOBJ1	123.84	Before	Interior Girder 4	67.42	0.95	1	1	4.049891
SU4_str	BOBJ1	123.84	Before	Interior Girder 5	67.42	0.95	1	1	5.048648
SU4_str	BOBJ1	123.84	Before	Interior Girder 6	67.42	0.95	1	1	5.384703

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Approach, Span 7-11									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
SU4_str	BOBJ1	123.84	Before	Right Exterior Girder	67.42	0.95	1	1	8.52879
SU4_str	BOBJ1	123.84	After	Left Exterior Girder	0	0.95	1	1	8.448355
SU4_str	BOBJ1	123.84	After	Interior Girder 1	0	0.95	1	1	5.371963
SU4_str	BOBJ1	123.84	After	Interior Girder 2	0	0.95	1	1	5.039742
SU4_str	BOBJ1	123.84	After	Interior Girder 3	0	0.95	1	1	4.045353
SU4_str	BOBJ1	123.84	After	Interior Girder 4	0	0.95	1	1	4.045353
SU4_str	BOBJ1	123.84	After	Interior Girder 5	0	0.95	1	1	5.039742
SU4_str	BOBJ1	123.84	After	Interior Girder 6	0	0.95	1	1	5.371963
SU4_str	BOBJ1	123.84	After	Right Exterior Girder	0	0.95	1	1	8.448355
SU4_str	BOBJ1	128.84	Before	Interior Girder 1	5	0.95	1	1	5.457441
SU4_str	BOBJ1	128.84	Before	Interior Girder 2	5	0.95	1	1	5.119017
SU4_str	BOBJ1	128.84	Before	Interior Girder 3	5	0.95	1	1	4.110603
SU4_str	BOBJ1	128.84	Before	Interior Girder 4	5	0.95	1	1	4.110603
SU4_str	BOBJ1	128.84	Before	Interior Girder 5	5	0.95	1	1	5.119017
SU4_str	BOBJ1	128.84	Before	Interior Girder 6	5	0.95	1	1	5.457441
SU4_str	BOBJ1	128.84	After	Interior Girder 1	5	0.95	1	1	6.125028
SU4_str	BOBJ1	128.84	After	Interior Girder 2	5	0.95	1	1	5.80851
SU4_str	BOBJ1	128.84	After	Interior Girder 3	5	0.95	1	1	4.882328
SU4_str	BOBJ1	128.84	After	Interior Girder 4	5	0.95	1	1	4.882328
SU4_str	BOBJ1	128.84	After	Interior Girder 5	5	0.95	1	1	5.80851
SU4_str	BOBJ1	128.84	After	Interior Girder 6	5	0.95	1	1	6.125028
SU4_str	BOBJ1	131.34	Before	Left Exterior Girder	7.5	0.95	1	1	5.968328
SU4_str	BOBJ1	131.34	Before	Right Exterior Girder	7.5	0.95	1	1	5.968328
SU4_str	BOBJ1	131.34	After	Left Exterior Girder	7.5	0.95	1	1	6.272673
SU4_str	BOBJ1	131.34	After	Right Exterior Girder	7.5	0.95	1	1	6.272673
SU4_str	BOBJ1	132.265	Before	Left Exterior Girder	8.425	0.95	1	1	6.286327
SU4_str	BOBJ1	132.265	Before	Interior Girder 1	8.425	0.95	1	1	7.503265
SU4_str	BOBJ1	132.265	Before	Interior Girder 2	8.425	0.95	1	1	5.867317
SU4_str	BOBJ1	132.265	Before	Interior Girder 3	8.425	0.95	1	1	4.932782
SU4_str	BOBJ1	132.265	Before	Interior Girder 4	8.425	0.95	1	1	4.932782
SU4_str	BOBJ1	132.265	Before	Interior Girder 5	8.425	0.95	1	1	5.867317
SU4_str	BOBJ1	132.265	Before	Interior Girder 6	8.425	0.95	1	1	7.503265
SU4_str	BOBJ1	132.265	Before	Right Exterior Girder	8.425	0.95	1	1	6.286327
SU4_str	BOBJ1	132.265	After	Left Exterior Girder	8.425	0.95	1	1	9.568577
SU4_str	BOBJ1	132.265	After	Interior Girder 1	8.425	0.95	1	1	8.748509
SU4_str	BOBJ1	132.265	After	Interior Girder 2	8.425	0.95	1	1	8.071847
SU4_str	BOBJ1	132.265	After	Interior Girder 3	8.425	0.95	1	1	7.472852
SU4_str	BOBJ1	132.265	After	Interior Girder 4	8.425	0.95	1	1	7.472852
SU4_str	BOBJ1	132.265	After	Interior Girder 5	8.425	0.95	1	1	8.071847
SU4_str	BOBJ1	132.265	After	Interior Girder 6	8.425	0.95	1	1	8.748509
SU4_str	BOBJ1	132.265	After	Right Exterior Girder	8.425	0.95	1	1	9.568577
SU4_str	BOBJ1	140.69	Before	Left Exterior Girder	16.85	0.95	1	1	9.744361
SU4_str	BOBJ1	140.69	Before	Interior Girder 1	16.85	0.95	1	1	8.965853
SU4_str	BOBJ1	140.69	Before	Interior Girder 2	16.85	0.95	1	1	8.269995
SU4_str	BOBJ1	140.69	Before	Interior Girder 3	16.85	0.95	1	1	7.659263
SU4_str	BOBJ1	140.69	Before	Interior Girder 4	16.85	0.95	1	1	7.659263
SU4_str	BOBJ1	140.69	Before	Interior Girder 5	16.85	0.95	1	1	8.269995
SU4_str	BOBJ1	140.69	Before	Interior Girder 6	16.85	0.95	1	1	8.965853
SU4_str	BOBJ1	140.69	Before	Right Exterior Girder	16.85	0.95	1	1	9.744361
SU4_str	BOBJ1	140.69	After	Left Exterior Girder	16.85	0.95	1	1	15.311474
SU4_str	BOBJ1	140.69	After	Interior Girder 1	16.85	0.95	1	1	9.730504
SU4_str	BOBJ1	140.69	After	Interior Girder 2	16.85	0.95	1	1	9.019108
SU4_str	BOBJ1	140.69	After	Interior Girder 3	16.85	0.95	1	1	8.065592
SU4_str	BOBJ1	140.69	After	Interior Girder 4	16.85	0.95	1	1	8.065592
SU4_str	BOBJ1	140.69	After	Interior Girder 5	16.85	0.95	1	1	9.019108
SU4_str	BOBJ1	140.69	After	Interior Girder 6	16.85	0.95	1	1	9.730504
SU4_str	BOBJ1	140.69	After	Right Exterior Girder	16.85	0.95	1	1	15.311474
SU4_str	BOBJ1	149.115	Before	Left Exterior Girder	25.275	0.95	1	1	15.578073
SU4_str	BOBJ1	149.115	Before	Interior Girder 1	25.275	0.95	1	1	9.963777
SU4_str	BOBJ1	149.115	Before	Interior Girder 2	25.275	0.95	1	1	9.234842
SU4_str	BOBJ1	149.115	Before	Interior Girder 3	25.275	0.95	1	1	8.258328
SU4_str	BOBJ1	149.115	Before	Interior Girder 4	25.275	0.95	1	1	8.258328
SU4_str	BOBJ1	149.115	Before	Interior Girder 5	25.275	0.95	1	1	9.234842
SU4_str	BOBJ1	149.115	Before	Interior Girder 6	25.275	0.95	1	1	9.963777
SU4_str	BOBJ1	149.115	Before	Right Exterior Girder	25.275	0.95	1	1	15.578073

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Approach, Span 7-11									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
SU4_str	BOBJ1	149.115	After	Left Exterior Girder	25.275	0.95	1	1	19.972767
SU4_str	BOBJ1	149.115	After	Interior Girder 1	25.275	0.95	1	1	15.432885
SU4_str	BOBJ1	149.115	After	Interior Girder 2	25.275	0.95	1	1	13.975455
SU4_str	BOBJ1	149.115	After	Interior Girder 3	25.275	0.95	1	1	12.187287
SU4_str	BOBJ1	149.115	After	Interior Girder 4	25.275	0.95	1	1	12.187287
SU4_str	BOBJ1	149.115	After	Interior Girder 5	25.275	0.95	1	1	13.975455
SU4_str	BOBJ1	149.115	After	Interior Girder 6	25.275	0.95	1	1	15.432885
SU4_str	BOBJ1	149.115	After	Right Exterior Girder	25.275	0.95	1	1	19.972767
SU4_str	BOBJ1	157.54	Before	Left Exterior Girder	33.7	0.95	1	1	20.303451
SU4_str	BOBJ1	157.54	Before	Interior Girder 1	33.7	0.95	1	1	15.791718
SU4_str	BOBJ1	157.54	Before	Interior Girder 2	33.7	0.95	1	1	14.100143
SU4_str	BOBJ1	157.54	Before	Interior Girder 3	33.7	0.95	1	1	11.92016
SU4_str	BOBJ1	157.54	Before	Interior Girder 4	33.7	0.95	1	1	11.92016
SU4_str	BOBJ1	157.54	Before	Interior Girder 5	33.7	0.95	1	1	14.100143
SU4_str	BOBJ1	157.54	Before	Interior Girder 6	33.7	0.95	1	1	15.791718
SU4_str	BOBJ1	157.54	Before	Right Exterior Girder	33.7	0.95	1	1	20.303451
SU4_str	BOBJ1	157.54	After	Left Exterior Girder	33.7	0.95	1	1	20.332882
SU4_str	BOBJ1	157.54	After	Interior Girder 1	33.7	0.95	1	1	15.802
SU4_str	BOBJ1	157.54	After	Interior Girder 2	33.7	0.95	1	1	14.094881
SU4_str	BOBJ1	157.54	After	Interior Girder 3	33.7	0.95	1	1	11.914132
SU4_str	BOBJ1	157.54	After	Interior Girder 4	33.7	0.95	1	1	11.914132
SU4_str	BOBJ1	157.54	After	Interior Girder 5	33.7	0.95	1	1	14.094881
SU4_str	BOBJ1	157.54	After	Interior Girder 6	33.7	0.95	1	1	15.802
SU4_str	BOBJ1	157.54	After	Right Exterior Girder	33.7	0.95	1	1	20.332882
SU4_str	BOBJ1	165.965	Before	Left Exterior Girder	42.125	0.95	1	1	20.001743
SU4_str	BOBJ1	165.965	Before	Interior Girder 1	42.125	0.95	1	1	15.442942
SU4_str	BOBJ1	165.965	Before	Interior Girder 2	42.125	0.95	1	1	13.9842
SU4_str	BOBJ1	165.965	Before	Interior Girder 3	42.125	0.95	1	1	12.181135
SU4_str	BOBJ1	165.965	Before	Interior Girder 4	42.125	0.95	1	1	12.181135
SU4_str	BOBJ1	165.965	Before	Interior Girder 5	42.125	0.95	1	1	13.9842
SU4_str	BOBJ1	165.965	Before	Interior Girder 6	42.125	0.95	1	1	15.442942
SU4_str	BOBJ1	165.965	Before	Right Exterior Girder	42.125	0.95	1	1	20.001743
SU4_str	BOBJ1	165.965	After	Left Exterior Girder	42.125	0.95	1	1	15.594507
SU4_str	BOBJ1	165.965	After	Interior Girder 1	42.125	0.95	1	1	9.96808
SU4_str	BOBJ1	165.965	After	Interior Girder 2	42.125	0.95	1	1	9.238705
SU4_str	BOBJ1	165.965	After	Interior Girder 3	42.125	0.95	1	1	8.261802
SU4_str	BOBJ1	165.965	After	Interior Girder 4	42.125	0.95	1	1	8.261802
SU4_str	BOBJ1	165.965	After	Interior Girder 5	42.125	0.95	1	1	9.238705
SU4_str	BOBJ1	165.965	After	Interior Girder 6	42.125	0.95	1	1	9.96808
SU4_str	BOBJ1	165.965	After	Right Exterior Girder	42.125	0.95	1	1	15.594507
SU4_str	BOBJ1	174.39	Before	Left Exterior Girder	50.55	0.95	1	1	15.327648
SU4_str	BOBJ1	174.39	Before	Interior Girder 1	50.55	0.95	1	1	9.734711
SU4_str	BOBJ1	174.39	Before	Interior Girder 2	50.55	0.95	1	1	9.022885
SU4_str	BOBJ1	174.39	Before	Interior Girder 3	50.55	0.95	1	1	8.068995
SU4_str	BOBJ1	174.39	Before	Interior Girder 4	50.55	0.95	1	1	8.068995
SU4_str	BOBJ1	174.39	Before	Interior Girder 5	50.55	0.95	1	1	9.022885
SU4_str	BOBJ1	174.39	Before	Interior Girder 6	50.55	0.95	1	1	9.734711
SU4_str	BOBJ1	174.39	Before	Right Exterior Girder	50.55	0.95	1	1	15.327648
SU4_str	BOBJ1	174.39	After	Left Exterior Girder	50.55	0.95	1	1	9.752561
SU4_str	BOBJ1	174.39	After	Interior Girder 1	50.55	0.95	1	1	8.969468
SU4_str	BOBJ1	174.39	After	Interior Girder 2	50.55	0.95	1	1	8.271651
SU4_str	BOBJ1	174.39	After	Interior Girder 3	50.55	0.95	1	1	7.666402
SU4_str	BOBJ1	174.39	After	Interior Girder 4	50.55	0.95	1	1	7.666402
SU4_str	BOBJ1	174.39	After	Interior Girder 5	50.55	0.95	1	1	8.271651
SU4_str	BOBJ1	174.39	After	Interior Girder 6	50.55	0.95	1	1	8.969468
SU4_str	BOBJ1	174.39	After	Right Exterior Girder	50.55	0.95	1	1	9.752561
SU4_str	BOBJ1	182.825	Before	Left Exterior Girder	58.985	0.95	1	1	9.57644
SU4_str	BOBJ1	182.825	Before	Interior Girder 1	58.985	0.95	1	1	8.751768
SU4_str	BOBJ1	182.825	Before	Interior Girder 2	58.985	0.95	1	1	8.073219
SU4_str	BOBJ1	182.825	Before	Interior Girder 3	58.985	0.95	1	1	7.479617
SU4_str	BOBJ1	182.825	Before	Interior Girder 4	58.985	0.95	1	1	7.479617
SU4_str	BOBJ1	182.825	Before	Interior Girder 5	58.985	0.95	1	1	8.073219
SU4_str	BOBJ1	182.825	Before	Interior Girder 6	58.985	0.95	1	1	8.751768
SU4_str	BOBJ1	182.825	Before	Right Exterior Girder	58.985	0.95	1	1	9.57644
SU4_str	BOBJ1	182.825	After	Left Exterior Girder	58.985	0.95	1	1	6.309294

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Approach, Span 7-11									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
SU4_str	BOBJ1	182.825	After	Interior Girder 1	58.985	0.95	1	1	7.48684
SU4_str	BOBJ1	182.825	After	Interior Girder 2	58.985	0.95	1	1	5.865497
SU4_str	BOBJ1	182.825	After	Interior Girder 3	58.985	0.95	1	1	4.9344
SU4_str	BOBJ1	182.825	After	Interior Girder 4	58.985	0.95	1	1	4.9344
SU4_str	BOBJ1	182.825	After	Interior Girder 5	58.985	0.95	1	1	5.865497
SU4_str	BOBJ1	182.825	After	Interior Girder 6	58.985	0.95	1	1	7.48684
SU4_str	BOBJ1	182.825	After	Right Exterior Girder	58.985	0.95	1	1	6.309294
SU4_str	BOBJ1	183.76	Before	Left Exterior Girder	59.92	0.95	1	1	6.295449
SU4_str	BOBJ1	183.76	Before	Right Exterior Girder	59.92	0.95	1	1	6.295449
SU4_str	BOBJ1	183.76	After	Left Exterior Girder	59.92	0.95	1	1	5.988288
SU4_str	BOBJ1	183.76	After	Right Exterior Girder	59.92	0.95	1	1	5.988288
SU4_str	BOBJ1	186.26	Before	Interior Girder 1	62.42	0.95	1	1	6.124239
SU4_str	BOBJ1	186.26	Before	Interior Girder 2	62.42	0.95	1	1	5.806531
SU4_str	BOBJ1	186.26	Before	Interior Girder 3	62.42	0.95	1	1	4.883787
SU4_str	BOBJ1	186.26	Before	Interior Girder 4	62.42	0.95	1	1	4.883787
SU4_str	BOBJ1	186.26	Before	Interior Girder 5	62.42	0.95	1	1	5.806531
SU4_str	BOBJ1	186.26	Before	Interior Girder 6	62.42	0.95	1	1	6.124239
SU4_str	BOBJ1	186.26	After	Interior Girder 1	62.42	0.95	1	1	5.454542
SU4_str	BOBJ1	186.26	After	Interior Girder 2	62.42	0.95	1	1	5.115901
SU4_str	BOBJ1	186.26	After	Interior Girder 3	62.42	0.95	1	1	4.110034
SU4_str	BOBJ1	186.26	After	Interior Girder 4	62.42	0.95	1	1	4.110034
SU4_str	BOBJ1	186.26	After	Interior Girder 5	62.42	0.95	1	1	5.115901
SU4_str	BOBJ1	186.26	After	Interior Girder 6	62.42	0.95	1	1	5.454542
SU4_str	BOBJ1	191.26	Before	Left Exterior Girder	67.42	0.95	1	1	8.452921
SU4_str	BOBJ1	191.26	Before	Interior Girder 1	67.42	0.95	1	1	5.369098
SU4_str	BOBJ1	191.26	Before	Interior Girder 2	67.42	0.95	1	1	5.036664
SU4_str	BOBJ1	191.26	Before	Interior Girder 3	67.42	0.95	1	1	4.044797
SU4_str	BOBJ1	191.26	Before	Interior Girder 4	67.42	0.95	1	1	4.044797
SU4_str	BOBJ1	191.26	Before	Interior Girder 5	67.42	0.95	1	1	5.036664
SU4_str	BOBJ1	191.26	Before	Interior Girder 6	67.42	0.95	1	1	5.369098
SU4_str	BOBJ1	191.26	Before	Right Exterior Girder	67.42	0.95	1	1	8.452921
SU4_str	BOBJ1	191.26	After	Left Exterior Girder	0	0.95	1	1	8.521658
SU4_str	BOBJ1	191.26	After	Interior Girder 1	0	0.95	1	1	5.386652
SU4_str	BOBJ1	191.26	After	Interior Girder 2	0	0.95	1	1	5.051116
SU4_str	BOBJ1	191.26	After	Interior Girder 3	0	0.95	1	1	4.049986
SU4_str	BOBJ1	191.26	After	Interior Girder 4	0	0.95	1	1	4.049986
SU4_str	BOBJ1	191.26	After	Interior Girder 5	0	0.95	1	1	5.051116
SU4_str	BOBJ1	191.26	After	Interior Girder 6	0	0.95	1	1	5.386652
SU4_str	BOBJ1	191.26	After	Right Exterior Girder	0	0.95	1	1	8.521658
SU4_str	BOBJ1	196.26	Before	Interior Girder 1	5	0.95	1	1	5.472292
SU4_str	BOBJ1	196.26	Before	Interior Girder 2	5	0.95	1	1	5.130518
SU4_str	BOBJ1	196.26	Before	Interior Girder 3	5	0.95	1	1	4.115283
SU4_str	BOBJ1	196.26	Before	Interior Girder 4	5	0.95	1	1	4.115283
SU4_str	BOBJ1	196.26	Before	Interior Girder 5	5	0.95	1	1	5.130518
SU4_str	BOBJ1	196.26	Before	Interior Girder 6	5	0.95	1	1	5.472292
SU4_str	BOBJ1	196.26	After	Interior Girder 1	5	0.95	1	1	6.146646
SU4_str	BOBJ1	196.26	After	Interior Girder 2	5	0.95	1	1	5.824502
SU4_str	BOBJ1	196.26	After	Interior Girder 3	5	0.95	1	1	4.889441
SU4_str	BOBJ1	196.26	After	Interior Girder 4	5	0.95	1	1	4.889441
SU4_str	BOBJ1	196.26	After	Interior Girder 5	5	0.95	1	1	5.824502
SU4_str	BOBJ1	196.26	After	Interior Girder 6	5	0.95	1	1	6.146646
SU4_str	BOBJ1	198.76	Before	Left Exterior Girder	7.5	0.95	1	1	6.011184
SU4_str	BOBJ1	198.76	Before	Right Exterior Girder	7.5	0.95	1	1	6.011184
SU4_str	BOBJ1	198.76	After	Left Exterior Girder	7.5	0.95	1	1	6.321474
SU4_str	BOBJ1	198.76	After	Right Exterior Girder	7.5	0.95	1	1	6.321474
SU4_str	BOBJ1	199.685	Before	Left Exterior Girder	8.425	0.95	1	1	6.335228
SU4_str	BOBJ1	199.685	Before	Interior Girder 1	8.425	0.95	1	1	7.529363
SU4_str	BOBJ1	199.685	Before	Interior Girder 2	8.425	0.95	1	1	5.883432
SU4_str	BOBJ1	199.685	Before	Interior Girder 3	8.425	0.95	1	1	4.939948
SU4_str	BOBJ1	199.685	Before	Interior Girder 4	8.425	0.95	1	1	4.939948
SU4_str	BOBJ1	199.685	Before	Interior Girder 5	8.425	0.95	1	1	5.883432
SU4_str	BOBJ1	199.685	Before	Interior Girder 6	8.425	0.95	1	1	7.529363
SU4_str	BOBJ1	199.685	Before	Right Exterior Girder	8.425	0.95	1	1	6.335228
SU4_str	BOBJ1	199.685	After	Left Exterior Girder	8.425	0.95	1	1	9.670838
SU4_str	BOBJ1	199.685	After	Interior Girder 1	8.425	0.95	1	1	8.805463

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Approach, Span 7-11									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
SU4_str	BOBJ1	199.685	After	Interior Girder 2	8.425	0.95	1	1	8.106827
SU4_str	BOBJ1	199.685	After	Interior Girder 3	8.425	0.95	1	1	7.496661
SU4_str	BOBJ1	199.685	After	Interior Girder 4	8.425	0.95	1	1	7.496661
SU4_str	BOBJ1	199.685	After	Interior Girder 5	8.425	0.95	1	1	8.106827
SU4_str	BOBJ1	199.685	After	Interior Girder 6	8.425	0.95	1	1	8.805463
SU4_str	BOBJ1	199.685	After	Right Exterior Girder	8.425	0.95	1	1	9.670838
SU4_str	BOBJ1	208.11	Before	Left Exterior Girder	16.85	0.95	1	1	9.848385
SU4_str	BOBJ1	208.11	Before	Interior Girder 1	16.85	0.95	1	1	9.02404
SU4_str	BOBJ1	208.11	Before	Interior Girder 2	16.85	0.95	1	1	8.305708
SU4_str	BOBJ1	208.11	Before	Interior Girder 3	16.85	0.95	1	1	7.683593
SU4_str	BOBJ1	208.11	Before	Interior Girder 4	16.85	0.95	1	1	7.683593
SU4_str	BOBJ1	208.11	Before	Interior Girder 5	16.85	0.95	1	1	8.305708
SU4_str	BOBJ1	208.11	Before	Interior Girder 6	16.85	0.95	1	1	9.02404
SU4_str	BOBJ1	208.11	Before	Right Exterior Girder	16.85	0.95	1	1	9.848385
SU4_str	BOBJ1	208.11	After	Left Exterior Girder	16.85	0.95	1	1	15.519976
SU4_str	BOBJ1	208.11	After	Interior Girder 1	16.85	0.95	1	1	9.811325
SU4_str	BOBJ1	208.11	After	Interior Girder 2	16.85	0.95	1	1	9.069523
SU4_str	BOBJ1	208.11	After	Interior Girder 3	16.85	0.95	1	1	8.085749
SU4_str	BOBJ1	208.11	After	Interior Girder 4	16.85	0.95	1	1	8.085749
SU4_str	BOBJ1	208.11	After	Interior Girder 5	16.85	0.95	1	1	9.069523
SU4_str	BOBJ1	208.11	After	Interior Girder 6	16.85	0.95	1	1	9.811325
SU4_str	BOBJ1	208.11	After	Right Exterior Girder	16.85	0.95	1	1	15.519976
SU4_str	BOBJ1	216.535	Before	Left Exterior Girder	25.275	0.95	1	1	15.789967
SU4_str	BOBJ1	216.535	Before	Interior Girder 1	25.275	0.95	1	1	10.046342
SU4_str	BOBJ1	216.535	Before	Interior Girder 2	25.275	0.95	1	1	9.286354
SU4_str	BOBJ1	216.535	Before	Interior Girder 3	25.275	0.95	1	1	8.278925
SU4_str	BOBJ1	216.535	Before	Interior Girder 4	25.275	0.95	1	1	8.278925
SU4_str	BOBJ1	216.535	Before	Interior Girder 5	25.275	0.95	1	1	9.286354
SU4_str	BOBJ1	216.535	Before	Interior Girder 6	25.275	0.95	1	1	10.046342
SU4_str	BOBJ1	216.535	Before	Right Exterior Girder	25.275	0.95	1	1	15.789967
SU4_str	BOBJ1	216.535	After	Left Exterior Girder	25.275	0.95	1	1	20.444157
SU4_str	BOBJ1	216.535	After	Interior Girder 1	25.275	0.95	1	1	15.635664
SU4_str	BOBJ1	216.535	After	Interior Girder 2	25.275	0.95	1	1	14.093642
SU4_str	BOBJ1	216.535	After	Interior Girder 3	25.275	0.95	1	1	12.150859
SU4_str	BOBJ1	216.535	After	Interior Girder 4	25.275	0.95	1	1	12.150859
SU4_str	BOBJ1	216.535	After	Interior Girder 5	25.275	0.95	1	1	14.093642
SU4_str	BOBJ1	216.535	After	Interior Girder 6	25.275	0.95	1	1	15.635664
SU4_str	BOBJ1	216.535	After	Right Exterior Girder	25.275	0.95	1	1	20.444157
SU4_str	BOBJ1	224.96	Before	Left Exterior Girder	33.7	0.95	1	1	20.782354
SU4_str	BOBJ1	224.96	Before	Interior Girder 1	33.7	0.95	1	1	15.998922
SU4_str	BOBJ1	224.96	Before	Interior Girder 2	33.7	0.95	1	1	14.044377
SU4_str	BOBJ1	224.96	Before	Interior Girder 3	33.7	0.95	1	1	11.884481
SU4_str	BOBJ1	224.96	Before	Interior Girder 4	33.7	0.95	1	1	11.884481
SU4_str	BOBJ1	224.96	Before	Interior Girder 5	33.7	0.95	1	1	14.044377
SU4_str	BOBJ1	224.96	Before	Interior Girder 6	33.7	0.95	1	1	15.998922
SU4_str	BOBJ1	224.96	Before	Right Exterior Girder	33.7	0.95	1	1	20.782354
SU4_str	BOBJ1	224.96	After	Left Exterior Girder	33.7	0.95	1	1	19.866324
SU4_str	BOBJ1	224.96	After	Interior Girder 1	33.7	0.95	1	1	15.654743
SU4_str	BOBJ1	224.96	After	Interior Girder 2	33.7	0.95	1	1	14.133921
SU4_str	BOBJ1	224.96	After	Interior Girder 3	33.7	0.95	1	1	11.96512
SU4_str	BOBJ1	224.96	After	Interior Girder 4	33.7	0.95	1	1	11.96512
SU4_str	BOBJ1	224.96	After	Interior Girder 5	33.7	0.95	1	1	14.133921
SU4_str	BOBJ1	224.96	After	Interior Girder 6	33.7	0.95	1	1	15.654743
SU4_str	BOBJ1	224.96	After	Right Exterior Girder	33.7	0.95	1	1	19.866324
SU4_str	BOBJ1	233.385	Before	Left Exterior Girder	42.125	0.95	1	1	19.542245
SU4_str	BOBJ1	233.385	Before	Interior Girder 1	42.125	0.95	1	1	15.298933
SU4_str	BOBJ1	233.385	Before	Interior Girder 2	42.125	0.95	1	1	13.880287
SU4_str	BOBJ1	233.385	Before	Interior Girder 3	42.125	0.95	1	1	12.233187
SU4_str	BOBJ1	233.385	Before	Interior Girder 4	42.125	0.95	1	1	12.233187
SU4_str	BOBJ1	233.385	Before	Interior Girder 5	42.125	0.95	1	1	13.880287
SU4_str	BOBJ1	233.385	Before	Interior Girder 6	42.125	0.95	1	1	15.298933
SU4_str	BOBJ1	233.385	Before	Right Exterior Girder	42.125	0.95	1	1	19.542245
SU4_str	BOBJ1	233.385	After	Left Exterior Girder	42.125	0.95	1	1	15.315807
SU4_str	BOBJ1	233.385	After	Interior Girder 1	42.125	0.95	1	1	9.899333
SU4_str	BOBJ1	233.385	After	Interior Girder 2	42.125	0.95	1	1	9.189723

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Approach, Span 7-11									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
SU4_str	BOBJ1	233.385	After	Interior Girder 3	42.125	0.95	1	1	8.224028
SU4_str	BOBJ1	233.385	After	Interior Girder 4	42.125	0.95	1	1	8.224028
SU4_str	BOBJ1	233.385	After	Interior Girder 5	42.125	0.95	1	1	9.189723
SU4_str	BOBJ1	233.385	After	Interior Girder 6	42.125	0.95	1	1	9.899333
SU4_str	BOBJ1	233.385	After	Right Exterior Girder	42.125	0.95	1	1	15.315807
SU4_str	BOBJ1	241.81	Before	Left Exterior Girder	50.55	0.95	1	1	15.053236
SU4_str	BOBJ1	241.81	Before	Interior Girder 1	50.55	0.95	1	1	9.667528
SU4_str	BOBJ1	241.81	Before	Interior Girder 2	50.55	0.95	1	1	8.975043
SU4_str	BOBJ1	241.81	Before	Interior Girder 3	50.55	0.95	1	1	8.032038
SU4_str	BOBJ1	241.81	Before	Interior Girder 4	50.55	0.95	1	1	8.032038
SU4_str	BOBJ1	241.81	Before	Interior Girder 5	50.55	0.95	1	1	8.975043
SU4_str	BOBJ1	241.81	Before	Interior Girder 6	50.55	0.95	1	1	9.667528
SU4_str	BOBJ1	241.81	Before	Right Exterior Girder	50.55	0.95	1	1	15.053236
SU4_str	BOBJ1	241.81	After	Left Exterior Girder	50.55	0.95	1	1	9.826914
SU4_str	BOBJ1	241.81	After	Interior Girder 1	50.55	0.95	1	1	8.838593
SU4_str	BOBJ1	241.81	After	Interior Girder 2	50.55	0.95	1	1	8.112147
SU4_str	BOBJ1	241.81	After	Interior Girder 3	50.55	0.95	1	1	7.451851
SU4_str	BOBJ1	241.81	After	Interior Girder 4	50.55	0.95	1	1	7.451851
SU4_str	BOBJ1	241.81	After	Interior Girder 5	50.55	0.95	1	1	8.112147
SU4_str	BOBJ1	241.81	After	Interior Girder 6	50.55	0.95	1	1	8.838593
SU4_str	BOBJ1	241.81	After	Right Exterior Girder	50.55	0.95	1	1	9.826914
SU4_str	BOBJ1	245.18	Before	Left Exterior Girder	53.92	0.95	1	1	9.756491
SU4_str	BOBJ1	245.18	Before	Interior Girder 1	53.92	0.95	1	1	8.753211
SU4_str	BOBJ1	245.18	Before	Interior Girder 2	53.92	0.95	1	1	8.034615
SU4_str	BOBJ1	245.18	Before	Interior Girder 3	53.92	0.95	1	1	7.379493
SU4_str	BOBJ1	245.18	Before	Interior Girder 4	53.92	0.95	1	1	7.379493
SU4_str	BOBJ1	245.18	Before	Interior Girder 5	53.92	0.95	1	1	8.034615
SU4_str	BOBJ1	245.18	Before	Interior Girder 6	53.92	0.95	1	1	8.753211
SU4_str	BOBJ1	245.18	Before	Right Exterior Girder	53.92	0.95	1	1	9.756491
SU4_str	BOBJ1	245.18	After	Left Exterior Girder	53.92	0.95	1	1	10.300267
SU4_str	BOBJ1	245.18	After	Interior Girder 1	53.92	0.95	1	1	8.145784
SU4_str	BOBJ1	245.18	After	Interior Girder 2	53.92	0.95	1	1	7.505809
SU4_str	BOBJ1	245.18	After	Interior Girder 3	53.92	0.95	1	1	6.755804
SU4_str	BOBJ1	245.18	After	Interior Girder 4	53.92	0.95	1	1	6.755804
SU4_str	BOBJ1	245.18	After	Interior Girder 5	53.92	0.95	1	1	7.505809
SU4_str	BOBJ1	245.18	After	Interior Girder 6	53.92	0.95	1	1	8.145784
SU4_str	BOBJ1	245.18	After	Right Exterior Girder	53.92	0.95	1	1	10.300267
SU4_str	BOBJ1	250.245	Before	Left Exterior Girder	58.985	0.95	1	1	10.196074
SU4_str	BOBJ1	250.245	Before	Interior Girder 1	58.985	0.95	1	1	8.030302
SU4_str	BOBJ1	250.245	Before	Interior Girder 2	58.985	0.95	1	1	7.400452
SU4_str	BOBJ1	250.245	Before	Interior Girder 3	58.985	0.95	1	1	6.659376
SU4_str	BOBJ1	250.245	Before	Interior Girder 4	58.985	0.95	1	1	6.659376
SU4_str	BOBJ1	250.245	Before	Interior Girder 5	58.985	0.95	1	1	7.400452
SU4_str	BOBJ1	250.245	Before	Interior Girder 6	58.985	0.95	1	1	8.030302
SU4_str	BOBJ1	250.245	Before	Right Exterior Girder	58.985	0.95	1	1	10.196074
SU4_str	BOBJ1	250.245	After	Left Exterior Girder	58.985	0.95	1	1	8.499308
SU4_str	BOBJ1	250.245	After	Interior Girder 1	58.985	0.95	1	1	7.064175
SU4_str	BOBJ1	250.245	After	Interior Girder 2	58.985	0.95	1	1	6.129685
SU4_str	BOBJ1	250.245	After	Interior Girder 3	58.985	0.95	1	1	5.177613
SU4_str	BOBJ1	250.245	After	Interior Girder 4	58.985	0.95	1	1	5.177613
SU4_str	BOBJ1	250.245	After	Interior Girder 5	58.985	0.95	1	1	6.129685
SU4_str	BOBJ1	250.245	After	Interior Girder 6	58.985	0.95	1	1	7.064175
SU4_str	BOBJ1	250.245	After	Right Exterior Girder	58.985	0.95	1	1	8.499308
SU4_str	BOBJ1	251.68	Before	Left Exterior Girder	60.42	0.95	1	1	8.473921
SU4_str	BOBJ1	251.68	Before	Right Exterior Girder	60.42	0.95	1	1	8.473921
SU4_str	BOBJ1	251.68	After	Left Exterior Girder	60.42	0.95	1	1	8.099217
SU4_str	BOBJ1	251.68	After	Right Exterior Girder	60.42	0.95	1	1	8.099217
SU4_str	BOBJ1	254.18	Before	Interior Girder 1	62.92	0.95	1	1	6.42819
SU4_str	BOBJ1	254.18	Before	Interior Girder 2	62.92	0.95	1	1	6.06166
SU4_str	BOBJ1	254.18	Before	Interior Girder 3	62.92	0.95	1	1	5.119004
SU4_str	BOBJ1	254.18	Before	Interior Girder 4	62.92	0.95	1	1	5.119004
SU4_str	BOBJ1	254.18	Before	Interior Girder 5	62.92	0.95	1	1	6.06166
SU4_str	BOBJ1	254.18	Before	Interior Girder 6	62.92	0.95	1	1	6.42819
SU4_str	BOBJ1	254.18	After	Interior Girder 1	62.92	0.95	1	1	5.663422
SU4_str	BOBJ1	254.18	After	Interior Girder 2	62.92	0.95	1	1	5.307108

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Approach, Span 7-11									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
SU4_str	BOBJ1	254.18	After	Interior Girder 3	62.92	0.95	1	1	4.24248
SU4_str	BOBJ1	254.18	After	Interior Girder 4	62.92	0.95	1	1	4.24248
SU4_str	BOBJ1	254.18	After	Interior Girder 5	62.92	0.95	1	1	5.307108
SU4_str	BOBJ1	254.18	After	Interior Girder 6	62.92	0.95	1	1	5.663422
SU4_str	BOBJ1	258.68	Before	Left Exterior Girder	67.42	0.95	1	1	9.438535
SU4_str	BOBJ1	258.68	Before	Interior Girder 1	67.42	0.95	1	1	5.588135
SU4_str	BOBJ1	258.68	Before	Interior Girder 2	67.42	0.95	1	1	5.237244
SU4_str	BOBJ1	258.68	Before	Interior Girder 3	67.42	0.95	1	1	4.185248
SU4_str	BOBJ1	258.68	Before	Interior Girder 4	67.42	0.95	1	1	4.185248
SU4_str	BOBJ1	258.68	Before	Interior Girder 5	67.42	0.95	1	1	5.237244
SU4_str	BOBJ1	258.68	Before	Interior Girder 6	67.42	0.95	1	1	5.588135
SU4_str	BOBJ1	258.68	Before	Right Exterior Girder	67.42	0.95	1	1	9.438535
SU4_str	BOBJ1	258.68	After	Left Exterior Girder	0	0.95	1	1	9.906909
SU4_str	BOBJ1	258.68	After	Interior Girder 1	0	0.95	1	1	5.495637
SU4_str	BOBJ1	258.68	After	Interior Girder 2	0	0.95	1	1	5.109689
SU4_str	BOBJ1	258.68	After	Interior Girder 3	0	0.95	1	1	4.079265
SU4_str	BOBJ1	258.68	After	Interior Girder 4	0	0.95	1	1	4.079265
SU4_str	BOBJ1	258.68	After	Interior Girder 5	0	0.95	1	1	5.109689
SU4_str	BOBJ1	258.68	After	Interior Girder 6	0	0.95	1	1	5.495637
SU4_str	BOBJ1	258.68	After	Right Exterior Girder	0	0.95	1	1	9.906909
SU4_str	BOBJ1	263.18	Before	Interior Girder 1	4.5	0.95	1	1	5.570098
SU4_str	BOBJ1	263.18	Before	Interior Girder 2	4.5	0.95	1	1	5.178257
SU4_str	BOBJ1	263.18	Before	Interior Girder 3	4.5	0.95	1	1	4.135294
SU4_str	BOBJ1	263.18	Before	Interior Girder 4	4.5	0.95	1	1	4.135294
SU4_str	BOBJ1	263.18	Before	Interior Girder 5	4.5	0.95	1	1	5.178257
SU4_str	BOBJ1	263.18	Before	Interior Girder 6	4.5	0.95	1	1	5.570098
SU4_str	BOBJ1	263.18	After	Interior Girder 1	4.5	0.95	1	1	6.502288
SU4_str	BOBJ1	263.18	After	Interior Girder 2	4.5	0.95	1	1	6.122187
SU4_str	BOBJ1	263.18	After	Interior Girder 3	4.5	0.95	1	1	5.177656
SU4_str	BOBJ1	263.18	After	Interior Girder 4	4.5	0.95	1	1	5.177656
SU4_str	BOBJ1	263.18	After	Interior Girder 5	4.5	0.95	1	1	6.122187
SU4_str	BOBJ1	263.18	After	Interior Girder 6	4.5	0.95	1	1	6.502288
SU4_str	BOBJ1	265.68	Before	Left Exterior Girder	7	0.95	1	1	8.748557
SU4_str	BOBJ1	265.68	Before	Right Exterior Girder	7	0.95	1	1	8.748557
SU4_str	BOBJ1	265.68	After	Left Exterior Girder	7	0.95	1	1	9.44236
SU4_str	BOBJ1	265.68	After	Right Exterior Girder	7	0.95	1	1	9.44236
SU4_str	BOBJ1	268.08	Before	Left Exterior Girder	9.4	0.95	1	1	9.489787
SU4_str	BOBJ1	268.08	Before	Interior Girder 1	9.4	0.95	1	1	6.944641
SU4_str	BOBJ1	268.08	Before	Interior Girder 2	9.4	0.95	1	1	6.208217
SU4_str	BOBJ1	268.08	Before	Interior Girder 3	9.4	0.95	1	1	5.251738
SU4_str	BOBJ1	268.08	Before	Interior Girder 4	9.4	0.95	1	1	5.251738
SU4_str	BOBJ1	268.08	Before	Interior Girder 5	9.4	0.95	1	1	6.208217
SU4_str	BOBJ1	268.08	Before	Interior Girder 6	9.4	0.95	1	1	6.944641
SU4_str	BOBJ1	268.08	Before	Right Exterior Girder	9.4	0.95	1	1	9.489787
SU4_str	BOBJ1	268.08	After	Left Exterior Girder	9.4	0.95	1	1	11.452752
SU4_str	BOBJ1	268.08	After	Interior Girder 1	9.4	0.95	1	1	9.834763
SU4_str	BOBJ1	268.08	After	Interior Girder 2	9.4	0.95	1	1	8.860621
SU4_str	BOBJ1	268.08	After	Interior Girder 3	9.4	0.95	1	1	8.245475
SU4_str	BOBJ1	268.08	After	Interior Girder 4	9.4	0.95	1	1	8.245475
SU4_str	BOBJ1	268.08	After	Interior Girder 5	9.4	0.95	1	1	8.860621
SU4_str	BOBJ1	268.08	After	Interior Girder 6	9.4	0.95	1	1	9.834763
SU4_str	BOBJ1	268.08	After	Right Exterior Girder	9.4	0.95	1	1	11.452752
SU4_str	BOBJ1	277.48	Before	Left Exterior Girder	18.8	0.95	1	1	11.668512
SU4_str	BOBJ1	277.48	Before	Interior Girder 1	18.8	0.95	1	1	10.097455
SU4_str	BOBJ1	277.48	Before	Interior Girder 2	18.8	0.95	1	1	9.09489
SU4_str	BOBJ1	277.48	Before	Interior Girder 3	18.8	0.95	1	1	8.466448
SU4_str	BOBJ1	277.48	Before	Interior Girder 4	18.8	0.95	1	1	8.466448
SU4_str	BOBJ1	277.48	Before	Interior Girder 5	18.8	0.95	1	1	9.09489
SU4_str	BOBJ1	277.48	Before	Interior Girder 6	18.8	0.95	1	1	10.097455
SU4_str	BOBJ1	277.48	Before	Right Exterior Girder	18.8	0.95	1	1	11.668512
SU4_str	BOBJ1	277.48	After	Left Exterior Girder	18.8	0.95	1	1	20.146908
SU4_str	BOBJ1	277.48	After	Interior Girder 1	18.8	0.95	1	1	11.198219
SU4_str	BOBJ1	277.48	After	Interior Girder 2	18.8	0.95	1	1	10.195064
SU4_str	BOBJ1	277.48	After	Interior Girder 3	18.8	0.95	1	1	8.86019
SU4_str	BOBJ1	277.48	After	Interior Girder 4	18.8	0.95	1	1	8.86019

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Approach, Span 7-11									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
SU4_str	BOBJ1	277.48	After	Interior Girder 5	18.8	0.95	1	1	10.195064
SU4_str	BOBJ1	277.48	After	Interior Girder 6	18.8	0.95	1	1	11.198219
SU4_str	BOBJ1	277.48	After	Right Exterior Girder	18.8	0.95	1	1	20.146908
SU4_str	BOBJ1	286.88	Before	Left Exterior Girder	28.2	0.95	1	1	20.506882
SU4_str	BOBJ1	286.88	Before	Interior Girder 1	28.2	0.95	1	1	11.486076
SU4_str	BOBJ1	286.88	Before	Interior Girder 2	28.2	0.95	1	1	10.456783
SU4_str	BOBJ1	286.88	Before	Interior Girder 3	28.2	0.95	1	1	9.087368
SU4_str	BOBJ1	286.88	Before	Interior Girder 4	28.2	0.95	1	1	9.087368
SU4_str	BOBJ1	286.88	Before	Interior Girder 5	28.2	0.95	1	1	10.456783
SU4_str	BOBJ1	286.88	Before	Interior Girder 6	28.2	0.95	1	1	11.486076
SU4_str	BOBJ1	286.88	Before	Right Exterior Girder	28.2	0.95	1	1	20.506882
SU4_str	BOBJ1	286.88	After	Left Exterior Girder	28.2	0.95	1	1	32.240175
SU4_str	BOBJ1	286.88	After	Interior Girder 1	28.2	0.95	1	1	15.976232
SU4_str	BOBJ1	286.88	After	Interior Girder 2	28.2	0.95	1	1	14.132671
SU4_str	BOBJ1	286.88	After	Interior Girder 3	28.2	0.95	1	1	11.989463
SU4_str	BOBJ1	286.88	After	Interior Girder 4	28.2	0.95	1	1	11.989463
SU4_str	BOBJ1	286.88	After	Interior Girder 5	28.2	0.95	1	1	14.132671
SU4_str	BOBJ1	286.88	After	Interior Girder 6	28.2	0.95	1	1	15.976232
SU4_str	BOBJ1	286.88	After	Right Exterior Girder	28.2	0.95	1	1	32.240175
SU4_str	BOBJ1	296.28	Before	Left Exterior Girder	37.6	0.95	1	1	32.787888
SU4_str	BOBJ1	296.28	Before	Interior Girder 1	37.6	0.95	1	1	15.597139
SU4_str	BOBJ1	296.28	Before	Interior Girder 2	37.6	0.95	1	1	13.796108
SU4_str	BOBJ1	296.28	Before	Interior Girder 3	37.6	0.95	1	1	11.703687
SU4_str	BOBJ1	296.28	Before	Interior Girder 4	37.6	0.95	1	1	11.703687
SU4_str	BOBJ1	296.28	Before	Interior Girder 5	37.6	0.95	1	1	13.796108
SU4_str	BOBJ1	296.28	Before	Interior Girder 6	37.6	0.95	1	1	15.597139
SU4_str	BOBJ1	296.28	Before	Right Exterior Girder	37.6	0.95	1	1	32.787888
SU4_str	BOBJ1	296.28	After	Left Exterior Girder	37.6	0.95	1	1	17.190564
SU4_str	BOBJ1	296.28	After	Interior Girder 1	37.6	0.95	1	1	14.701941
SU4_str	BOBJ1	296.28	After	Interior Girder 2	37.6	0.95	1	1	13.210325
SU4_str	BOBJ1	296.28	After	Interior Girder 3	37.6	0.95	1	1	12.763575
SU4_str	BOBJ1	296.28	After	Interior Girder 4	37.6	0.95	1	1	12.763575
SU4_str	BOBJ1	296.28	After	Interior Girder 5	37.6	0.95	1	1	13.210325
SU4_str	BOBJ1	296.28	After	Interior Girder 6	37.6	0.95	1	1	14.701941
SU4_str	BOBJ1	296.28	After	Right Exterior Girder	37.6	0.95	1	1	17.190564
SU4_str	BOBJ1	305.69	Before	Left Exterior Girder	47.01	0.95	1	1	16.896351
SU4_str	BOBJ1	305.69	Before	Interior Girder 1	47.01	0.95	1	1	14.337445
SU4_str	BOBJ1	305.69	Before	Interior Girder 2	47.01	0.95	1	1	12.884705
SU4_str	BOBJ1	305.69	Before	Interior Girder 3	47.01	0.95	1	1	12.448303
SU4_str	BOBJ1	305.69	Before	Interior Girder 4	47.01	0.95	1	1	12.448303
SU4_str	BOBJ1	305.69	Before	Interior Girder 5	47.01	0.95	1	1	12.884705
SU4_str	BOBJ1	305.69	Before	Interior Girder 6	47.01	0.95	1	1	14.337445
SU4_str	BOBJ1	305.69	Before	Right Exterior Girder	47.01	0.95	1	1	16.896351
SU4_str	BOBJ1	305.69	After	Left Exterior Girder	47.01	0.95	1	1	13.10939
SU4_str	BOBJ1	305.69	After	Interior Girder 1	47.01	0.95	1	1	8.748576
SU4_str	BOBJ1	305.69	After	Interior Girder 2	47.01	0.95	1	1	8.054151
SU4_str	BOBJ1	305.69	After	Interior Girder 3	47.01	0.95	1	1	7.358968
SU4_str	BOBJ1	305.69	After	Interior Girder 4	47.01	0.95	1	1	7.358968
SU4_str	BOBJ1	305.69	After	Interior Girder 5	47.01	0.95	1	1	8.054151
SU4_str	BOBJ1	305.69	After	Interior Girder 6	47.01	0.95	1	1	8.748576
SU4_str	BOBJ1	305.69	After	Right Exterior Girder	47.01	0.95	1	1	13.10939
SU4_str	BOBJ1	315.1	Before	Left Exterior Girder	56.42	0.95	1	1	12.873165
SU4_str	BOBJ1	315.1	Before	Interior Girder 1	56.42	0.95	1	1	8.524646
SU4_str	BOBJ1	315.1	Before	Interior Girder 2	56.42	0.95	1	1	7.848738
SU4_str	BOBJ1	315.1	Before	Interior Girder 3	56.42	0.95	1	1	7.170646
SU4_str	BOBJ1	315.1	Before	Interior Girder 4	56.42	0.95	1	1	7.170646
SU4_str	BOBJ1	315.1	Before	Interior Girder 5	56.42	0.95	1	1	7.848738
SU4_str	BOBJ1	315.1	Before	Interior Girder 6	56.42	0.95	1	1	8.524646
SU4_str	BOBJ1	315.1	Before	Right Exterior Girder	56.42	0.95	1	1	12.873165
SU5_str	BOBJ1	0	After	Left Exterior Girder	0	0.95	1	1	11.625498
SU5_str	BOBJ1	0	After	Interior Girder 1	0	0.95	1	1	7.875867
SU5_str	BOBJ1	0	After	Interior Girder 2	0	0.95	1	1	7.241627
SU5_str	BOBJ1	0	After	Interior Girder 3	0	0.95	1	1	6.678229
SU5_str	BOBJ1	0	After	Interior Girder 4	0	0.95	1	1	6.678229
SU5_str	BOBJ1	0	After	Interior Girder 5	0	0.95	1	1	7.241627

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Approach, Span 7-11									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
SU5_str	BOBJ1	0	After	Interior Girder 6	0	0.95	1	1	7.875867
SU5_str	BOBJ1	0	After	Right Exterior Girder	0	0.95	1	1	11.625498
SU5_str	BOBJ1	9.4	Before	Left Exterior Girder	9.4	0.95	1	1	11.83833
SU5_str	BOBJ1	9.4	Before	Interior Girder 1	9.4	0.95	1	1	8.082567
SU5_str	BOBJ1	9.4	Before	Interior Girder 2	9.4	0.95	1	1	7.43092
SU5_str	BOBJ1	9.4	Before	Interior Girder 3	9.4	0.95	1	1	6.853353
SU5_str	BOBJ1	9.4	Before	Interior Girder 4	9.4	0.95	1	1	6.853353
SU5_str	BOBJ1	9.4	Before	Interior Girder 5	9.4	0.95	1	1	7.43092
SU5_str	BOBJ1	9.4	Before	Interior Girder 6	9.4	0.95	1	1	8.082567
SU5_str	BOBJ1	9.4	Before	Right Exterior Girder	9.4	0.95	1	1	11.83833
SU5_str	BOBJ1	9.4	After	Left Exterior Girder	9.4	0.95	1	1	15.408389
SU5_str	BOBJ1	9.4	After	Interior Girder 1	9.4	0.95	1	1	13.298355
SU5_str	BOBJ1	9.4	After	Interior Girder 2	9.4	0.95	1	1	11.866219
SU5_str	BOBJ1	9.4	After	Interior Girder 3	9.4	0.95	1	1	11.382351
SU5_str	BOBJ1	9.4	After	Interior Girder 4	9.4	0.95	1	1	11.382351
SU5_str	BOBJ1	9.4	After	Interior Girder 5	9.4	0.95	1	1	11.866219
SU5_str	BOBJ1	9.4	After	Interior Girder 6	9.4	0.95	1	1	13.298355
SU5_str	BOBJ1	9.4	After	Right Exterior Girder	9.4	0.95	1	1	15.408389
SU5_str	BOBJ1	18.8	Before	Left Exterior Girder	18.8	0.95	1	1	15.676114
SU5_str	BOBJ1	18.8	Before	Interior Girder 1	18.8	0.95	1	1	13.636104
SU5_str	BOBJ1	18.8	Before	Interior Girder 2	18.8	0.95	1	1	12.165742
SU5_str	BOBJ1	18.8	Before	Interior Girder 3	18.8	0.95	1	1	11.670217
SU5_str	BOBJ1	18.8	Before	Interior Girder 4	18.8	0.95	1	1	11.670217
SU5_str	BOBJ1	18.8	Before	Interior Girder 5	18.8	0.95	1	1	12.165742
SU5_str	BOBJ1	18.8	Before	Interior Girder 6	18.8	0.95	1	1	13.636104
SU5_str	BOBJ1	18.8	Before	Right Exterior Girder	18.8	0.95	1	1	15.676114
SU5_str	BOBJ1	18.8	After	Left Exterior Girder	18.8	0.95	1	1	31.005725
SU5_str	BOBJ1	18.8	After	Interior Girder 1	18.8	0.95	1	1	14.559132
SU5_str	BOBJ1	18.8	After	Interior Girder 2	18.8	0.95	1	1	12.917339
SU5_str	BOBJ1	18.8	After	Interior Girder 3	18.8	0.95	1	1	10.911838
SU5_str	BOBJ1	18.8	After	Interior Girder 4	18.8	0.95	1	1	10.911838
SU5_str	BOBJ1	18.8	After	Interior Girder 5	18.8	0.95	1	1	12.917339
SU5_str	BOBJ1	18.8	After	Interior Girder 6	18.8	0.95	1	1	14.559132
SU5_str	BOBJ1	18.8	After	Right Exterior Girder	18.8	0.95	1	1	31.005725
SU5_str	BOBJ1	28.2	Before	Left Exterior Girder	28.2	0.95	1	1	30.487489
SU5_str	BOBJ1	28.2	Before	Interior Girder 1	28.2	0.95	1	1	14.912845
SU5_str	BOBJ1	28.2	Before	Interior Girder 2	28.2	0.95	1	1	13.232394
SU5_str	BOBJ1	28.2	Before	Interior Girder 3	28.2	0.95	1	1	11.178246
SU5_str	BOBJ1	28.2	Before	Interior Girder 4	28.2	0.95	1	1	11.178246
SU5_str	BOBJ1	28.2	Before	Interior Girder 5	28.2	0.95	1	1	13.232394
SU5_str	BOBJ1	28.2	Before	Interior Girder 6	28.2	0.95	1	1	14.912845
SU5_str	BOBJ1	28.2	Before	Right Exterior Girder	28.2	0.95	1	1	30.487489
SU5_str	BOBJ1	28.2	After	Left Exterior Girder	28.2	0.95	1	1	19.013532
SU5_str	BOBJ1	28.2	After	Interior Girder 1	28.2	0.95	1	1	10.689863
SU5_str	BOBJ1	28.2	After	Interior Girder 2	28.2	0.95	1	1	9.761518
SU5_str	BOBJ1	28.2	After	Interior Girder 3	28.2	0.95	1	1	8.485302
SU5_str	BOBJ1	28.2	After	Interior Girder 4	28.2	0.95	1	1	8.485302
SU5_str	BOBJ1	28.2	After	Interior Girder 5	28.2	0.95	1	1	9.761518
SU5_str	BOBJ1	28.2	After	Interior Girder 6	28.2	0.95	1	1	10.689863
SU5_str	BOBJ1	28.2	After	Right Exterior Girder	28.2	0.95	1	1	19.013532
SU5_str	BOBJ1	37.6	Before	Left Exterior Girder	37.6	0.95	1	1	18.679575
SU5_str	BOBJ1	37.6	Before	Interior Girder 1	37.6	0.95	1	1	10.42184
SU5_str	BOBJ1	37.6	Before	Interior Girder 2	37.6	0.95	1	1	9.517142
SU5_str	BOBJ1	37.6	Before	Interior Girder 3	37.6	0.95	1	1	8.273151
SU5_str	BOBJ1	37.6	Before	Interior Girder 4	37.6	0.95	1	1	8.273151
SU5_str	BOBJ1	37.6	Before	Interior Girder 5	37.6	0.95	1	1	9.517142
SU5_str	BOBJ1	37.6	Before	Interior Girder 6	37.6	0.95	1	1	10.42184
SU5_str	BOBJ1	37.6	Before	Right Exterior Girder	37.6	0.95	1	1	18.679575
SU5_str	BOBJ1	37.6	After	Left Exterior Girder	37.6	0.95	1	1	10.566184
SU5_str	BOBJ1	37.6	After	Interior Girder 1	37.6	0.95	1	1	9.281197
SU5_str	BOBJ1	37.6	After	Interior Girder 2	37.6	0.95	1	1	8.353063
SU5_str	BOBJ1	37.6	After	Interior Girder 3	37.6	0.95	1	1	7.797658
SU5_str	BOBJ1	37.6	After	Interior Girder 4	37.6	0.95	1	1	7.797658
SU5_str	BOBJ1	37.6	After	Interior Girder 5	37.6	0.95	1	1	8.353063
SU5_str	BOBJ1	37.6	After	Interior Girder 6	37.6	0.95	1	1	9.281197

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Approach, Span 7-11									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
SU5_str	BOBJ1	37.6	After	Right Exterior Girder	37.6	0.95	1	1	10.566184
SU5_str	BOBJ1	47.01	Before	Left Exterior Girder	47.01	0.95	1	1	10.370516
SU5_str	BOBJ1	47.01	Before	Interior Girder 1	47.01	0.95	1	1	9.039335
SU5_str	BOBJ1	47.01	Before	Interior Girder 2	47.01	0.95	1	1	8.137595
SU5_str	BOBJ1	47.01	Before	Interior Girder 3	47.01	0.95	1	1	7.593907
SU5_str	BOBJ1	47.01	Before	Interior Girder 4	47.01	0.95	1	1	7.593907
SU5_str	BOBJ1	47.01	Before	Interior Girder 5	47.01	0.95	1	1	8.137595
SU5_str	BOBJ1	47.01	Before	Interior Girder 6	47.01	0.95	1	1	9.039335
SU5_str	BOBJ1	47.01	Before	Right Exterior Girder	47.01	0.95	1	1	10.370516
SU5_str	BOBJ1	47.01	After	Left Exterior Girder	47.01	0.95	1	1	8.501736
SU5_str	BOBJ1	47.01	After	Interior Girder 1	47.01	0.95	1	1	6.38035
SU5_str	BOBJ1	47.01	After	Interior Girder 2	47.01	0.95	1	1	5.678931
SU5_str	BOBJ1	47.01	After	Interior Girder 3	47.01	0.95	1	1	4.851087
SU5_str	BOBJ1	47.01	After	Interior Girder 4	47.01	0.95	1	1	4.851087
SU5_str	BOBJ1	47.01	After	Interior Girder 5	47.01	0.95	1	1	5.678931
SU5_str	BOBJ1	47.01	After	Interior Girder 6	47.01	0.95	1	1	6.38035
SU5_str	BOBJ1	47.01	After	Right Exterior Girder	47.01	0.95	1	1	8.501736
SU5_str	BOBJ1	49.42	Before	Left Exterior Girder	49.42	0.95	1	1	8.459053
SU5_str	BOBJ1	49.42	Before	Right Exterior Girder	49.42	0.95	1	1	8.459053
SU5_str	BOBJ1	49.42	After	Left Exterior Girder	49.42	0.95	1	1	7.90364
SU5_str	BOBJ1	49.42	After	Right Exterior Girder	49.42	0.95	1	1	7.90364
SU5_str	BOBJ1	51.92	Before	Interior Girder 1	51.92	0.95	1	1	5.954342
SU5_str	BOBJ1	51.92	Before	Interior Girder 2	51.92	0.95	1	1	5.600042
SU5_str	BOBJ1	51.92	Before	Interior Girder 3	51.92	0.95	1	1	4.782508
SU5_str	BOBJ1	51.92	Before	Interior Girder 4	51.92	0.95	1	1	4.782508
SU5_str	BOBJ1	51.92	Before	Interior Girder 5	51.92	0.95	1	1	5.600042
SU5_str	BOBJ1	51.92	Before	Interior Girder 6	51.92	0.95	1	1	5.954342
SU5_str	BOBJ1	51.92	After	Interior Girder 1	51.92	0.95	1	1	5.064114
SU5_str	BOBJ1	51.92	After	Interior Girder 2	51.92	0.95	1	1	4.740472
SU5_str	BOBJ1	51.92	After	Interior Girder 3	51.92	0.95	1	1	3.805953
SU5_str	BOBJ1	51.92	After	Interior Girder 4	51.92	0.95	1	1	3.805953
SU5_str	BOBJ1	51.92	After	Interior Girder 5	51.92	0.95	1	1	4.740472
SU5_str	BOBJ1	51.92	After	Interior Girder 6	51.92	0.95	1	1	5.064114
SU5_str	BOBJ1	56.42	Before	Left Exterior Girder	56.42	0.95	1	1	8.834595
SU5_str	BOBJ1	56.42	Before	Interior Girder 1	56.42	0.95	1	1	4.996369
SU5_str	BOBJ1	56.42	Before	Interior Girder 2	56.42	0.95	1	1	4.677672
SU5_str	BOBJ1	56.42	Before	Interior Girder 3	56.42	0.95	1	1	3.754378
SU5_str	BOBJ1	56.42	Before	Interior Girder 4	56.42	0.95	1	1	3.754378
SU5_str	BOBJ1	56.42	Before	Interior Girder 5	56.42	0.95	1	1	4.677672
SU5_str	BOBJ1	56.42	Before	Interior Girder 6	56.42	0.95	1	1	4.996369
SU5_str	BOBJ1	56.42	Before	Right Exterior Girder	56.42	0.95	1	1	8.834595
SU5_str	BOBJ1	56.42	After	Left Exterior Girder	0	0.95	1	1	8.377783
SU5_str	BOBJ1	56.42	After	Interior Girder 1	0	0.95	1	1	5.099434
SU5_str	BOBJ1	56.42	After	Interior Girder 2	0	0.95	1	1	4.800316
SU5_str	BOBJ1	56.42	After	Interior Girder 3	0	0.95	1	1	3.867492
SU5_str	BOBJ1	56.42	After	Interior Girder 4	0	0.95	1	1	3.867492
SU5_str	BOBJ1	56.42	After	Interior Girder 5	0	0.95	1	1	4.800316
SU5_str	BOBJ1	56.42	After	Interior Girder 6	0	0.95	1	1	5.099434
SU5_str	BOBJ1	56.42	After	Right Exterior Girder	0	0.95	1	1	8.377783
SU5_str	BOBJ1	60.92	Before	Interior Girder 1	4.5	0.95	1	1	5.168135
SU5_str	BOBJ1	60.92	Before	Interior Girder 2	4.5	0.95	1	1	4.864346
SU5_str	BOBJ1	60.92	Before	Interior Girder 3	4.5	0.95	1	1	3.920385
SU5_str	BOBJ1	60.92	Before	Interior Girder 4	4.5	0.95	1	1	3.920385
SU5_str	BOBJ1	60.92	Before	Interior Girder 5	4.5	0.95	1	1	4.864346
SU5_str	BOBJ1	60.92	Before	Interior Girder 6	4.5	0.95	1	1	5.168135
SU5_str	BOBJ1	60.92	After	Interior Girder 1	4.5	0.95	1	1	5.873645
SU5_str	BOBJ1	60.92	After	Interior Girder 2	4.5	0.95	1	1	5.547188
SU5_str	BOBJ1	60.92	After	Interior Girder 3	4.5	0.95	1	1	4.718933
SU5_str	BOBJ1	60.92	After	Interior Girder 4	4.5	0.95	1	1	4.718933
SU5_str	BOBJ1	60.92	After	Interior Girder 5	4.5	0.95	1	1	5.547188
SU5_str	BOBJ1	60.92	After	Interior Girder 6	4.5	0.95	1	1	5.873645
SU5_str	BOBJ1	63.42	Before	Left Exterior Girder	7	0.95	1	1	7.288453
SU5_str	BOBJ1	63.42	Before	Right Exterior Girder	7	0.95	1	1	7.288453
SU5_str	BOBJ1	63.42	After	Left Exterior Girder	7	0.95	1	1	7.563381
SU5_str	BOBJ1	63.42	After	Right Exterior Girder	7	0.95	1	1	7.563381

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Approach, Span 7-11									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
SU5_str	BOBJ1	64.845	Before	Left Exterior Girder	8.425	0.95	1	1	7.585897
SU5_str	BOBJ1	64.845	Before	Interior Girder 1	8.425	0.95	1	1	6.491454
SU5_str	BOBJ1	64.845	Before	Interior Girder 2	8.425	0.95	1	1	5.609277
SU5_str	BOBJ1	64.845	Before	Interior Girder 3	8.425	0.95	1	1	4.772831
SU5_str	BOBJ1	64.845	Before	Interior Girder 4	8.425	0.95	1	1	4.772831
SU5_str	BOBJ1	64.845	Before	Interior Girder 5	8.425	0.95	1	1	5.609277
SU5_str	BOBJ1	64.845	Before	Interior Girder 6	8.425	0.95	1	1	6.491454
SU5_str	BOBJ1	64.845	Before	Right Exterior Girder	8.425	0.95	1	1	7.585897
SU5_str	BOBJ1	64.845	After	Left Exterior Girder	8.425	0.95	1	1	9.112334
SU5_str	BOBJ1	64.845	After	Interior Girder 1	8.425	0.95	1	1	7.344519
SU5_str	BOBJ1	64.845	After	Interior Girder 2	8.425	0.95	1	1	6.778959
SU5_str	BOBJ1	64.845	After	Interior Girder 3	8.425	0.95	1	1	6.12368
SU5_str	BOBJ1	64.845	After	Interior Girder 4	8.425	0.95	1	1	6.12368
SU5_str	BOBJ1	64.845	After	Interior Girder 5	8.425	0.95	1	1	6.778959
SU5_str	BOBJ1	64.845	After	Interior Girder 6	8.425	0.95	1	1	7.344519
SU5_str	BOBJ1	64.845	After	Right Exterior Girder	8.425	0.95	1	1	9.112334
SU5_str	BOBJ1	69.92	Before	Left Exterior Girder	13.5	0.95	1	1	9.205677
SU5_str	BOBJ1	69.92	Before	Interior Girder 1	13.5	0.95	1	1	7.45035
SU5_str	BOBJ1	69.92	Before	Interior Girder 2	13.5	0.95	1	1	6.875656
SU5_str	BOBJ1	69.92	Before	Interior Girder 3	13.5	0.95	1	1	6.212539
SU5_str	BOBJ1	69.92	Before	Interior Girder 4	13.5	0.95	1	1	6.212539
SU5_str	BOBJ1	69.92	Before	Interior Girder 5	13.5	0.95	1	1	6.875656
SU5_str	BOBJ1	69.92	Before	Interior Girder 6	13.5	0.95	1	1	7.45035
SU5_str	BOBJ1	69.92	Before	Right Exterior Girder	13.5	0.95	1	1	9.205677
SU5_str	BOBJ1	69.92	After	Left Exterior Girder	13.5	0.95	1	1	8.751414
SU5_str	BOBJ1	69.92	After	Interior Girder 1	13.5	0.95	1	1	7.988681
SU5_str	BOBJ1	69.92	After	Interior Girder 2	13.5	0.95	1	1	7.33435
SU5_str	BOBJ1	69.92	After	Interior Girder 3	13.5	0.95	1	1	6.749967
SU5_str	BOBJ1	69.92	After	Interior Girder 4	13.5	0.95	1	1	6.749967
SU5_str	BOBJ1	69.92	After	Interior Girder 5	13.5	0.95	1	1	7.33435
SU5_str	BOBJ1	69.92	After	Interior Girder 6	13.5	0.95	1	1	7.988681
SU5_str	BOBJ1	69.92	After	Right Exterior Girder	13.5	0.95	1	1	8.751414
SU5_str	BOBJ1	73.27	Before	Left Exterior Girder	16.85	0.95	1	1	8.814238
SU5_str	BOBJ1	73.27	Before	Interior Girder 1	16.85	0.95	1	1	8.066143
SU5_str	BOBJ1	73.27	Before	Interior Girder 2	16.85	0.95	1	1	7.404701
SU5_str	BOBJ1	73.27	Before	Interior Girder 3	16.85	0.95	1	1	6.815767
SU5_str	BOBJ1	73.27	Before	Interior Girder 4	16.85	0.95	1	1	6.815767
SU5_str	BOBJ1	73.27	Before	Interior Girder 5	16.85	0.95	1	1	7.404701
SU5_str	BOBJ1	73.27	Before	Interior Girder 6	16.85	0.95	1	1	8.066143
SU5_str	BOBJ1	73.27	Before	Right Exterior Girder	16.85	0.95	1	1	8.814238
SU5_str	BOBJ1	73.27	After	Left Exterior Girder	16.85	0.95	1	1	13.619873
SU5_str	BOBJ1	73.27	After	Interior Girder 1	16.85	0.95	1	1	8.938746
SU5_str	BOBJ1	73.27	After	Interior Girder 2	16.85	0.95	1	1	8.301591
SU5_str	BOBJ1	73.27	After	Interior Girder 3	16.85	0.95	1	1	7.496092
SU5_str	BOBJ1	73.27	After	Interior Girder 4	16.85	0.95	1	1	7.496092
SU5_str	BOBJ1	73.27	After	Interior Girder 5	16.85	0.95	1	1	8.301591
SU5_str	BOBJ1	73.27	After	Interior Girder 6	16.85	0.95	1	1	8.938746
SU5_str	BOBJ1	73.27	After	Right Exterior Girder	16.85	0.95	1	1	13.619873
SU5_str	BOBJ1	81.695	Before	Left Exterior Girder	25.275	0.95	1	1	13.857536
SU5_str	BOBJ1	81.695	Before	Interior Girder 1	25.275	0.95	1	1	9.153116
SU5_str	BOBJ1	81.695	Before	Interior Girder 2	25.275	0.95	1	1	8.500184
SU5_str	BOBJ1	81.695	Before	Interior Girder 3	25.275	0.95	1	1	7.675292
SU5_str	BOBJ1	81.695	Before	Interior Girder 4	25.275	0.95	1	1	7.675292
SU5_str	BOBJ1	81.695	Before	Interior Girder 5	25.275	0.95	1	1	8.500184
SU5_str	BOBJ1	81.695	Before	Interior Girder 6	25.275	0.95	1	1	9.153116
SU5_str	BOBJ1	81.695	Before	Right Exterior Girder	25.275	0.95	1	1	13.857536
SU5_str	BOBJ1	81.695	After	Left Exterior Girder	25.275	0.95	1	1	17.870512
SU5_str	BOBJ1	81.695	After	Interior Girder 1	25.275	0.95	1	1	14.235335
SU5_str	BOBJ1	81.695	After	Interior Girder 2	25.275	0.95	1	1	12.907983
SU5_str	BOBJ1	81.695	After	Interior Girder 3	25.275	0.95	1	1	11.477987
SU5_str	BOBJ1	81.695	After	Interior Girder 4	25.275	0.95	1	1	11.477987
SU5_str	BOBJ1	81.695	After	Interior Girder 5	25.275	0.95	1	1	12.907983
SU5_str	BOBJ1	81.695	After	Interior Girder 6	25.275	0.95	1	1	14.235335
SU5_str	BOBJ1	81.695	After	Right Exterior Girder	25.275	0.95	1	1	17.870512
SU5_str	BOBJ1	90.12	Before	Left Exterior Girder	33.7	0.95	1	1	18.166976

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Approach, Span 7-11									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
SU5_str	BOBJ1	90.12	Before	Interior Girder 1	33.7	0.95	1	1	14.56647
SU5_str	BOBJ1	90.12	Before	Interior Girder 2	33.7	0.95	1	1	13.206827
SU5_str	BOBJ1	90.12	Before	Interior Girder 3	33.7	0.95	1	1	11.226494
SU5_str	BOBJ1	90.12	Before	Interior Girder 4	33.7	0.95	1	1	11.226494
SU5_str	BOBJ1	90.12	Before	Interior Girder 5	33.7	0.95	1	1	13.206827
SU5_str	BOBJ1	90.12	Before	Interior Girder 6	33.7	0.95	1	1	14.56647
SU5_str	BOBJ1	90.12	Before	Right Exterior Girder	33.7	0.95	1	1	18.166976
SU5_str	BOBJ1	90.12	After	Left Exterior Girder	33.7	0.95	1	1	19.075806
SU5_str	BOBJ1	90.12	After	Interior Girder 1	33.7	0.95	1	1	14.929968
SU5_str	BOBJ1	90.12	After	Interior Girder 2	33.7	0.95	1	1	13.227231
SU5_str	BOBJ1	90.12	After	Interior Girder 3	33.7	0.95	1	1	11.167882
SU5_str	BOBJ1	90.12	After	Interior Girder 4	33.7	0.95	1	1	11.167882
SU5_str	BOBJ1	90.12	After	Interior Girder 5	33.7	0.95	1	1	13.227231
SU5_str	BOBJ1	90.12	After	Interior Girder 6	33.7	0.95	1	1	14.929968
SU5_str	BOBJ1	90.12	After	Right Exterior Girder	33.7	0.95	1	1	19.075806
SU5_str	BOBJ1	98.545	Before	Left Exterior Girder	42.125	0.95	1	1	18.765476
SU5_str	BOBJ1	98.545	Before	Interior Girder 1	42.125	0.95	1	1	14.591045
SU5_str	BOBJ1	98.545	Before	Interior Girder 2	42.125	0.95	1	1	13.131377
SU5_str	BOBJ1	98.545	Before	Interior Girder 3	42.125	0.95	1	1	11.418228
SU5_str	BOBJ1	98.545	Before	Interior Girder 4	42.125	0.95	1	1	11.418228
SU5_str	BOBJ1	98.545	Before	Interior Girder 5	42.125	0.95	1	1	13.131377
SU5_str	BOBJ1	98.545	Before	Interior Girder 6	42.125	0.95	1	1	14.591045
SU5_str	BOBJ1	98.545	Before	Right Exterior Girder	42.125	0.95	1	1	18.765476
SU5_str	BOBJ1	98.545	After	Left Exterior Girder	42.125	0.95	1	1	14.332697
SU5_str	BOBJ1	98.545	After	Interior Girder 1	42.125	0.95	1	1	9.305415
SU5_str	BOBJ1	98.545	After	Interior Girder 2	42.125	0.95	1	1	8.602074
SU5_str	BOBJ1	98.545	After	Interior Girder 3	42.125	0.95	1	1	7.736619
SU5_str	BOBJ1	98.545	After	Interior Girder 4	42.125	0.95	1	1	7.736619
SU5_str	BOBJ1	98.545	After	Interior Girder 5	42.125	0.95	1	1	8.602074
SU5_str	BOBJ1	98.545	After	Interior Girder 6	42.125	0.95	1	1	9.305415
SU5_str	BOBJ1	98.545	After	Right Exterior Girder	42.125	0.95	1	1	14.332697
SU5_str	BOBJ1	106.97	Before	Left Exterior Girder	50.55	0.95	1	1	14.087705
SU5_str	BOBJ1	106.97	Before	Interior Girder 1	50.55	0.95	1	1	9.087772
SU5_str	BOBJ1	106.97	Before	Interior Girder 2	50.55	0.95	1	1	8.401247
SU5_str	BOBJ1	106.97	Before	Interior Girder 3	50.55	0.95	1	1	7.556121
SU5_str	BOBJ1	106.97	Before	Interior Girder 4	50.55	0.95	1	1	7.556121
SU5_str	BOBJ1	106.97	Before	Interior Girder 5	50.55	0.95	1	1	8.401247
SU5_str	BOBJ1	106.97	Before	Interior Girder 6	50.55	0.95	1	1	9.087772
SU5_str	BOBJ1	106.97	Before	Right Exterior Girder	50.55	0.95	1	1	14.087705
SU5_str	BOBJ1	106.97	After	Left Exterior Girder	50.55	0.95	1	1	8.868811
SU5_str	BOBJ1	106.97	After	Interior Girder 1	50.55	0.95	1	1	8.253484
SU5_str	BOBJ1	106.97	After	Interior Girder 2	50.55	0.95	1	1	7.59648
SU5_str	BOBJ1	106.97	After	Interior Girder 3	50.55	0.95	1	1	7.047783
SU5_str	BOBJ1	106.97	After	Interior Girder 4	50.55	0.95	1	1	7.047783
SU5_str	BOBJ1	106.97	After	Interior Girder 5	50.55	0.95	1	1	7.59648
SU5_str	BOBJ1	106.97	After	Interior Girder 6	50.55	0.95	1	1	8.253484
SU5_str	BOBJ1	106.97	After	Right Exterior Girder	50.55	0.95	1	1	8.868811
SU5_str	BOBJ1	115.405	Before	Left Exterior Girder	58.985	0.95	1	1	8.708795
SU5_str	BOBJ1	115.405	Before	Interior Girder 1	58.985	0.95	1	1	8.053358
SU5_str	BOBJ1	115.405	Before	Interior Girder 2	58.985	0.95	1	1	7.414379
SU5_str	BOBJ1	115.405	Before	Interior Girder 3	58.985	0.95	1	1	6.876153
SU5_str	BOBJ1	115.405	Before	Interior Girder 4	58.985	0.95	1	1	6.876153
SU5_str	BOBJ1	115.405	Before	Interior Girder 5	58.985	0.95	1	1	7.414379
SU5_str	BOBJ1	115.405	Before	Interior Girder 6	58.985	0.95	1	1	8.053358
SU5_str	BOBJ1	115.405	Before	Right Exterior Girder	58.985	0.95	1	1	8.708795
SU5_str	BOBJ1	115.405	After	Left Exterior Girder	58.985	0.95	1	1	5.659992
SU5_str	BOBJ1	115.405	After	Interior Girder 1	58.985	0.95	1	1	6.976377
SU5_str	BOBJ1	115.405	After	Interior Girder 2	58.985	0.95	1	1	5.386572
SU5_str	BOBJ1	115.405	After	Interior Girder 3	58.985	0.95	1	1	4.562941
SU5_str	BOBJ1	115.405	After	Interior Girder 4	58.985	0.95	1	1	4.562941
SU5_str	BOBJ1	115.405	After	Interior Girder 5	58.985	0.95	1	1	5.386572
SU5_str	BOBJ1	115.405	After	Interior Girder 6	58.985	0.95	1	1	6.976377
SU5_str	BOBJ1	115.405	After	Right Exterior Girder	58.985	0.95	1	1	5.659992
SU5_str	BOBJ1	116.34	Before	Left Exterior Girder	59.92	0.95	1	1	5.647583
SU5_str	BOBJ1	116.34	Before	Right Exterior Girder	59.92	0.95	1	1	5.647583

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Approach, Span 7-11									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
SU5_str	BOBJ1	116.34	After	Left Exterior Girder	59.92	0.95	1	1	5.42034
SU5_str	BOBJ1	116.34	After	Right Exterior Girder	59.92	0.95	1	1	5.42034
SU5_str	BOBJ1	118.84	Before	Interior Girder 1	62.42	0.95	1	1	5.6246
SU5_str	BOBJ1	118.84	Before	Interior Girder 2	62.42	0.95	1	1	5.332461
SU5_str	BOBJ1	118.84	Before	Interior Girder 3	62.42	0.95	1	1	4.516162
SU5_str	BOBJ1	118.84	Before	Interior Girder 4	62.42	0.95	1	1	4.516162
SU5_str	BOBJ1	118.84	Before	Interior Girder 5	62.42	0.95	1	1	5.332461
SU5_str	BOBJ1	118.84	Before	Interior Girder 6	62.42	0.95	1	1	5.6246
SU5_str	BOBJ1	118.84	After	Interior Girder 1	62.42	0.95	1	1	4.999425
SU5_str	BOBJ1	118.84	After	Interior Girder 2	62.42	0.95	1	1	4.705736
SU5_str	BOBJ1	118.84	After	Interior Girder 3	62.42	0.95	1	1	3.809994
SU5_str	BOBJ1	118.84	After	Interior Girder 4	62.42	0.95	1	1	3.809994
SU5_str	BOBJ1	118.84	After	Interior Girder 5	62.42	0.95	1	1	4.705736
SU5_str	BOBJ1	118.84	After	Interior Girder 6	62.42	0.95	1	1	4.999425
SU5_str	BOBJ1	123.84	Before	Left Exterior Girder	67.42	0.95	1	1	7.563216
SU5_str	BOBJ1	123.84	Before	Interior Girder 1	67.42	0.95	1	1	4.921189
SU5_str	BOBJ1	123.84	Before	Interior Girder 2	67.42	0.95	1	1	4.632908
SU5_str	BOBJ1	123.84	Before	Interior Girder 3	67.42	0.95	1	1	3.749551
SU5_str	BOBJ1	123.84	Before	Interior Girder 4	67.42	0.95	1	1	3.749551
SU5_str	BOBJ1	123.84	Before	Interior Girder 5	67.42	0.95	1	1	4.632908
SU5_str	BOBJ1	123.84	Before	Interior Girder 6	67.42	0.95	1	1	4.921189
SU5_str	BOBJ1	123.84	Before	Right Exterior Girder	67.42	0.95	1	1	7.563216
SU5_str	BOBJ1	123.84	After	Left Exterior Girder	0	0.95	1	1	7.489123
SU5_str	BOBJ1	123.84	After	Interior Girder 1	0	0.95	1	1	4.90783
SU5_str	BOBJ1	123.84	After	Interior Girder 2	0	0.95	1	1	4.62361
SU5_str	BOBJ1	123.84	After	Interior Girder 3	0	0.95	1	1	3.744745
SU5_str	BOBJ1	123.84	After	Interior Girder 4	0	0.95	1	1	3.744745
SU5_str	BOBJ1	123.84	After	Interior Girder 5	0	0.95	1	1	4.62361
SU5_str	BOBJ1	123.84	After	Interior Girder 6	0	0.95	1	1	4.90783
SU5_str	BOBJ1	123.84	After	Right Exterior Girder	0	0.95	1	1	7.489123
SU5_str	BOBJ1	128.84	Before	Interior Girder 1	5	0.95	1	1	4.985924
SU5_str	BOBJ1	128.84	Before	Interior Girder 2	5	0.95	1	1	4.696339
SU5_str	BOBJ1	128.84	Before	Interior Girder 3	5	0.95	1	1	3.805146
SU5_str	BOBJ1	128.84	Before	Interior Girder 4	5	0.95	1	1	3.805146
SU5_str	BOBJ1	128.84	Before	Interior Girder 5	5	0.95	1	1	4.696339
SU5_str	BOBJ1	128.84	Before	Interior Girder 6	5	0.95	1	1	4.985924
SU5_str	BOBJ1	128.84	After	Interior Girder 1	5	0.95	1	1	5.602617
SU5_str	BOBJ1	128.84	After	Interior Girder 2	5	0.95	1	1	5.317732
SU5_str	BOBJ1	128.84	After	Interior Girder 3	5	0.95	1	1	4.50722
SU5_str	BOBJ1	128.84	After	Interior Girder 4	5	0.95	1	1	4.50722
SU5_str	BOBJ1	128.84	After	Interior Girder 5	5	0.95	1	1	5.317732
SU5_str	BOBJ1	128.84	After	Interior Girder 6	5	0.95	1	1	5.602617
SU5_str	BOBJ1	131.34	Before	Left Exterior Girder	7.5	0.95	1	1	5.358492
SU5_str	BOBJ1	131.34	Before	Right Exterior Girder	7.5	0.95	1	1	5.358492
SU5_str	BOBJ1	131.34	After	Left Exterior Girder	7.5	0.95	1	1	5.579553
SU5_str	BOBJ1	131.34	After	Right Exterior Girder	7.5	0.95	1	1	5.579553
SU5_str	BOBJ1	132.265	Before	Left Exterior Girder	8.425	0.95	1	1	5.591699
SU5_str	BOBJ1	132.265	Before	Interior Girder 1	8.425	0.95	1	1	6.965992
SU5_str	BOBJ1	132.265	Before	Interior Girder 2	8.425	0.95	1	1	5.371571
SU5_str	BOBJ1	132.265	Before	Interior Girder 3	8.425	0.95	1	1	4.553797
SU5_str	BOBJ1	132.265	Before	Interior Girder 4	8.425	0.95	1	1	4.553797
SU5_str	BOBJ1	132.265	Before	Interior Girder 5	8.425	0.95	1	1	5.371571
SU5_str	BOBJ1	132.265	Before	Interior Girder 6	8.425	0.95	1	1	6.965992
SU5_str	BOBJ1	132.265	Before	Right Exterior Girder	8.425	0.95	1	1	5.591699
SU5_str	BOBJ1	132.265	After	Left Exterior Girder	8.425	0.95	1	1	8.604424
SU5_str	BOBJ1	132.265	After	Interior Girder 1	8.425	0.95	1	1	7.993731
SU5_str	BOBJ1	132.265	After	Interior Girder 2	8.425	0.95	1	1	7.378224
SU5_str	BOBJ1	132.265	After	Interior Girder 3	8.425	0.95	1	1	6.845403
SU5_str	BOBJ1	132.265	After	Interior Girder 4	8.425	0.95	1	1	6.845403
SU5_str	BOBJ1	132.265	After	Interior Girder 5	8.425	0.95	1	1	7.378224
SU5_str	BOBJ1	132.265	After	Interior Girder 6	8.425	0.95	1	1	7.993731
SU5_str	BOBJ1	132.265	After	Right Exterior Girder	8.425	0.95	1	1	8.604424
SU5_str	BOBJ1	140.69	Before	Left Exterior Girder	16.85	0.95	1	1	8.762496
SU5_str	BOBJ1	140.69	Before	Interior Girder 1	16.85	0.95	1	1	8.192323
SU5_str	BOBJ1	140.69	Before	Interior Girder 2	16.85	0.95	1	1	7.559345

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Approach, Span 7-11									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
SU5_str	BOBJ1	140.69	Before	Interior Girder 3	16.85	0.95	1	1	7.016162
SU5_str	BOBJ1	140.69	Before	Interior Girder 4	16.85	0.95	1	1	7.016162
SU5_str	BOBJ1	140.69	Before	Interior Girder 5	16.85	0.95	1	1	7.559345
SU5_str	BOBJ1	140.69	Before	Interior Girder 6	16.85	0.95	1	1	8.192323
SU5_str	BOBJ1	140.69	Before	Right Exterior Girder	16.85	0.95	1	1	8.762496
SU5_str	BOBJ1	140.69	After	Left Exterior Girder	16.85	0.95	1	1	13.875181
SU5_str	BOBJ1	140.69	After	Interior Girder 1	16.85	0.95	1	1	9.003994
SU5_str	BOBJ1	140.69	After	Interior Girder 2	16.85	0.95	1	1	8.347705
SU5_str	BOBJ1	140.69	After	Interior Girder 3	16.85	0.95	1	1	7.532392
SU5_str	BOBJ1	140.69	After	Interior Girder 4	16.85	0.95	1	1	7.532392
SU5_str	BOBJ1	140.69	After	Interior Girder 5	16.85	0.95	1	1	8.347705
SU5_str	BOBJ1	140.69	After	Interior Girder 6	16.85	0.95	1	1	9.003994
SU5_str	BOBJ1	140.69	After	Right Exterior Girder	16.85	0.95	1	1	13.875181
SU5_str	BOBJ1	149.115	Before	Left Exterior Girder	25.275	0.95	1	1	14.116771
SU5_str	BOBJ1	149.115	Before	Interior Girder 1	25.275	0.95	1	1	9.219849
SU5_str	BOBJ1	149.115	Before	Interior Girder 2	25.275	0.95	1	1	8.547378
SU5_str	BOBJ1	149.115	Before	Interior Girder 3	25.275	0.95	1	1	7.712386
SU5_str	BOBJ1	149.115	Before	Interior Girder 4	25.275	0.95	1	1	7.712386
SU5_str	BOBJ1	149.115	Before	Interior Girder 5	25.275	0.95	1	1	8.547378
SU5_str	BOBJ1	149.115	Before	Interior Girder 6	25.275	0.95	1	1	9.219849
SU5_str	BOBJ1	149.115	Before	Right Exterior Girder	25.275	0.95	1	1	14.116771
SU5_str	BOBJ1	149.115	After	Left Exterior Girder	25.275	0.95	1	1	18.300878
SU5_str	BOBJ1	149.115	After	Interior Girder 1	25.275	0.95	1	1	14.373618
SU5_str	BOBJ1	149.115	After	Interior Girder 2	25.275	0.95	1	1	13.006902
SU5_str	BOBJ1	149.115	After	Interior Girder 3	25.275	0.95	1	1	11.459026
SU5_str	BOBJ1	149.115	After	Interior Girder 4	25.275	0.95	1	1	11.459026
SU5_str	BOBJ1	149.115	After	Interior Girder 5	25.275	0.95	1	1	13.006902
SU5_str	BOBJ1	149.115	After	Interior Girder 6	25.275	0.95	1	1	14.373618
SU5_str	BOBJ1	149.115	After	Right Exterior Girder	25.275	0.95	1	1	18.300878
SU5_str	BOBJ1	157.54	Before	Left Exterior Girder	33.7	0.95	1	1	18.603881
SU5_str	BOBJ1	157.54	Before	Interior Girder 1	33.7	0.95	1	1	14.707821
SU5_str	BOBJ1	157.54	Before	Interior Girder 2	33.7	0.95	1	1	13.287873
SU5_str	BOBJ1	157.54	Before	Interior Girder 3	33.7	0.95	1	1	11.207861
SU5_str	BOBJ1	157.54	Before	Interior Girder 4	33.7	0.95	1	1	11.207861
SU5_str	BOBJ1	157.54	Before	Interior Girder 5	33.7	0.95	1	1	13.287873
SU5_str	BOBJ1	157.54	Before	Interior Girder 6	33.7	0.95	1	1	14.707821
SU5_str	BOBJ1	157.54	Before	Right Exterior Girder	33.7	0.95	1	1	18.603881
SU5_str	BOBJ1	157.54	After	Left Exterior Girder	33.7	0.95	1	1	18.631719
SU5_str	BOBJ1	157.54	After	Interior Girder 1	33.7	0.95	1	1	14.717954
SU5_str	BOBJ1	157.54	After	Interior Girder 2	33.7	0.95	1	1	13.282857
SU5_str	BOBJ1	157.54	After	Interior Girder 3	33.7	0.95	1	1	11.202295
SU5_str	BOBJ1	157.54	After	Interior Girder 4	33.7	0.95	1	1	11.202295
SU5_str	BOBJ1	157.54	After	Interior Girder 5	33.7	0.95	1	1	13.282857
SU5_str	BOBJ1	157.54	After	Interior Girder 6	33.7	0.95	1	1	14.717954
SU5_str	BOBJ1	157.54	After	Right Exterior Girder	33.7	0.95	1	1	18.631719
SU5_str	BOBJ1	165.965	Before	Left Exterior Girder	42.125	0.95	1	1	18.328285
SU5_str	BOBJ1	165.965	Before	Interior Girder 1	42.125	0.95	1	1	14.383527
SU5_str	BOBJ1	165.965	Before	Interior Girder 2	42.125	0.95	1	1	13.01548
SU5_str	BOBJ1	165.965	Before	Interior Girder 3	42.125	0.95	1	1	11.453346
SU5_str	BOBJ1	165.965	Before	Interior Girder 4	42.125	0.95	1	1	11.453346
SU5_str	BOBJ1	165.965	Before	Interior Girder 5	42.125	0.95	1	1	13.01548
SU5_str	BOBJ1	165.965	Before	Interior Girder 6	42.125	0.95	1	1	14.383527
SU5_str	BOBJ1	165.965	Before	Right Exterior Girder	42.125	0.95	1	1	18.328285
SU5_str	BOBJ1	165.965	After	Left Exterior Girder	42.125	0.95	1	1	14.132049
SU5_str	BOBJ1	165.965	After	Interior Girder 1	42.125	0.95	1	1	9.224041
SU5_str	BOBJ1	165.965	After	Interior Girder 2	42.125	0.95	1	1	8.551139
SU5_str	BOBJ1	165.965	After	Interior Girder 3	42.125	0.95	1	1	7.715773
SU5_str	BOBJ1	165.965	After	Interior Girder 4	42.125	0.95	1	1	7.715773
SU5_str	BOBJ1	165.965	After	Interior Girder 5	42.125	0.95	1	1	8.551139
SU5_str	BOBJ1	165.965	After	Interior Girder 6	42.125	0.95	1	1	9.224041
SU5_str	BOBJ1	165.965	After	Right Exterior Girder	42.125	0.95	1	1	14.132049
SU5_str	BOBJ1	174.39	Before	Left Exterior Girder	50.55	0.95	1	1	13.890216
SU5_str	BOBJ1	174.39	Before	Interior Girder 1	50.55	0.95	1	1	9.008092
SU5_str	BOBJ1	174.39	Before	Interior Girder 2	50.55	0.95	1	1	8.351381
SU5_str	BOBJ1	174.39	Before	Interior Girder 3	50.55	0.95	1	1	7.535709

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Approach, Span 7-11									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
SU5_str	BOBJ1	174.39	Before	Interior Girder 4	50.55	0.95	1	1	7.535709
SU5_str	BOBJ1	174.39	Before	Interior Girder 5	50.55	0.95	1	1	8.351381
SU5_str	BOBJ1	174.39	Before	Interior Girder 6	50.55	0.95	1	1	9.008092
SU5_str	BOBJ1	174.39	Before	Right Exterior Girder	50.55	0.95	1	1	13.890216
SU5_str	BOBJ1	174.39	After	Left Exterior Girder	50.55	0.95	1	1	8.770069
SU5_str	BOBJ1	174.39	After	Interior Girder 1	50.55	0.95	1	1	8.195792
SU5_str	BOBJ1	174.39	After	Interior Girder 2	50.55	0.95	1	1	7.560975
SU5_str	BOBJ1	174.39	After	Interior Girder 3	50.55	0.95	1	1	7.022818
SU5_str	BOBJ1	174.39	After	Interior Girder 4	50.55	0.95	1	1	7.022818
SU5_str	BOBJ1	174.39	After	Interior Girder 5	50.55	0.95	1	1	7.560975
SU5_str	BOBJ1	174.39	After	Interior Girder 6	50.55	0.95	1	1	8.195792
SU5_str	BOBJ1	174.39	After	Right Exterior Girder	50.55	0.95	1	1	8.770069
SU5_str	BOBJ1	182.825	Before	Left Exterior Girder	58.985	0.95	1	1	8.611692
SU5_str	BOBJ1	182.825	Before	Interior Girder 1	58.985	0.95	1	1	7.996871
SU5_str	BOBJ1	182.825	Before	Interior Girder 2	58.985	0.95	1	1	7.379592
SU5_str	BOBJ1	182.825	Before	Interior Girder 3	58.985	0.95	1	1	6.851713
SU5_str	BOBJ1	182.825	Before	Interior Girder 4	58.985	0.95	1	1	6.851713
SU5_str	BOBJ1	182.825	Before	Interior Girder 5	58.985	0.95	1	1	7.379592
SU5_str	BOBJ1	182.825	Before	Interior Girder 6	58.985	0.95	1	1	7.996871
SU5_str	BOBJ1	182.825	Before	Right Exterior Girder	58.985	0.95	1	1	8.611692
SU5_str	BOBJ1	182.825	After	Left Exterior Girder	58.985	0.95	1	1	5.612451
SU5_str	BOBJ1	182.825	After	Interior Girder 1	58.985	0.95	1	1	6.94975
SU5_str	BOBJ1	182.825	After	Interior Girder 2	58.985	0.95	1	1	5.369944
SU5_str	BOBJ1	182.825	After	Interior Girder 3	58.985	0.95	1	1	4.555325
SU5_str	BOBJ1	182.825	After	Interior Girder 4	58.985	0.95	1	1	4.555325
SU5_str	BOBJ1	182.825	After	Interior Girder 5	58.985	0.95	1	1	5.369944
SU5_str	BOBJ1	182.825	After	Interior Girder 6	58.985	0.95	1	1	6.94975
SU5_str	BOBJ1	182.825	After	Right Exterior Girder	58.985	0.95	1	1	5.612451
SU5_str	BOBJ1	183.76	Before	Left Exterior Girder	59.92	0.95	1	1	5.600136
SU5_str	BOBJ1	183.76	Before	Right Exterior Girder	59.92	0.95	1	1	5.600136
SU5_str	BOBJ1	183.76	After	Left Exterior Girder	59.92	0.95	1	1	5.376755
SU5_str	BOBJ1	183.76	After	Right Exterior Girder	59.92	0.95	1	1	5.376755
SU5_str	BOBJ1	186.26	Before	Interior Girder 1	62.42	0.95	1	1	5.601959
SU5_str	BOBJ1	186.26	Before	Interior Girder 2	62.42	0.95	1	1	5.315959
SU5_str	BOBJ1	186.26	Before	Interior Girder 3	62.42	0.95	1	1	4.5086
SU5_str	BOBJ1	186.26	Before	Interior Girder 4	62.42	0.95	1	1	4.5086
SU5_str	BOBJ1	186.26	Before	Interior Girder 5	62.42	0.95	1	1	5.315959
SU5_str	BOBJ1	186.26	Before	Interior Girder 6	62.42	0.95	1	1	5.601959
SU5_str	BOBJ1	186.26	After	Interior Girder 1	62.42	0.95	1	1	4.983422
SU5_str	BOBJ1	186.26	After	Interior Girder 2	62.42	0.95	1	1	4.693606
SU5_str	BOBJ1	186.26	After	Interior Girder 3	62.42	0.95	1	1	3.804796
SU5_str	BOBJ1	186.26	After	Interior Girder 4	62.42	0.95	1	1	3.804796
SU5_str	BOBJ1	186.26	After	Interior Girder 5	62.42	0.95	1	1	4.693606
SU5_str	BOBJ1	186.26	After	Interior Girder 6	62.42	0.95	1	1	4.983422
SU5_str	BOBJ1	191.26	Before	Left Exterior Girder	67.42	0.95	1	1	7.493361
SU5_str	BOBJ1	191.26	Before	Interior Girder 1	67.42	0.95	1	1	4.905359
SU5_str	BOBJ1	191.26	Before	Interior Girder 2	67.42	0.95	1	1	4.62091
SU5_str	BOBJ1	191.26	Before	Interior Girder 3	67.42	0.95	1	1	3.744404
SU5_str	BOBJ1	191.26	Before	Interior Girder 4	67.42	0.95	1	1	3.744404
SU5_str	BOBJ1	191.26	Before	Interior Girder 5	67.42	0.95	1	1	4.62091
SU5_str	BOBJ1	191.26	Before	Interior Girder 6	67.42	0.95	1	1	4.905359
SU5_str	BOBJ1	191.26	Before	Right Exterior Girder	67.42	0.95	1	1	7.493361
SU5_str	BOBJ1	191.26	After	Left Exterior Girder	0	0.95	1	1	7.556698
SU5_str	BOBJ1	191.26	After	Interior Girder 1	0	0.95	1	1	4.922823
SU5_str	BOBJ1	191.26	After	Interior Girder 2	0	0.95	1	1	4.635047
SU5_str	BOBJ1	191.26	After	Interior Girder 3	0	0.95	1	1	3.749466
SU5_str	BOBJ1	191.26	After	Interior Girder 4	0	0.95	1	1	3.749466
SU5_str	BOBJ1	191.26	After	Interior Girder 5	0	0.95	1	1	4.635047
SU5_str	BOBJ1	191.26	After	Interior Girder 6	0	0.95	1	1	4.922823
SU5_str	BOBJ1	191.26	After	Right Exterior Girder	0	0.95	1	1	7.556698
SU5_str	BOBJ1	196.26	Before	Interior Girder 1	5	0.95	1	1	5.001088
SU5_str	BOBJ1	196.26	Before	Interior Girder 2	5	0.95	1	1	4.707908
SU5_str	BOBJ1	196.26	Before	Interior Girder 3	5	0.95	1	1	3.809917
SU5_str	BOBJ1	196.26	Before	Interior Girder 4	5	0.95	1	1	3.809917
SU5_str	BOBJ1	196.26	Before	Interior Girder 5	5	0.95	1	1	4.707908

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Approach, Span 7-11									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
SU5_str	BOBJ1	196.26	Before	Interior Girder 6	5	0.95	1	1	5.001088
SU5_str	BOBJ1	196.26	After	Interior Girder 1	5	0.95	1	1	5.624304
SU5_str	BOBJ1	196.26	After	Interior Girder 2	5	0.95	1	1	5.333586
SU5_str	BOBJ1	196.26	After	Interior Girder 3	5	0.95	1	1	4.514282
SU5_str	BOBJ1	196.26	After	Interior Girder 4	5	0.95	1	1	4.514282
SU5_str	BOBJ1	196.26	After	Interior Girder 5	5	0.95	1	1	5.333586
SU5_str	BOBJ1	196.26	After	Interior Girder 6	5	0.95	1	1	5.624304
SU5_str	BOBJ1	198.76	Before	Left Exterior Girder	7.5	0.95	1	1	5.399619
SU5_str	BOBJ1	198.76	Before	Right Exterior Girder	7.5	0.95	1	1	5.399619
SU5_str	BOBJ1	198.76	After	Left Exterior Girder	7.5	0.95	1	1	5.624435
SU5_str	BOBJ1	198.76	After	Right Exterior Girder	7.5	0.95	1	1	5.624435
SU5_str	BOBJ1	199.685	Before	Left Exterior Girder	8.425	0.95	1	1	5.636672
SU5_str	BOBJ1	199.685	Before	Interior Girder 1	8.425	0.95	1	1	6.992265
SU5_str	BOBJ1	199.685	Before	Interior Girder 2	8.425	0.95	1	1	5.387549
SU5_str	BOBJ1	199.685	Before	Interior Girder 3	8.425	0.95	1	1	4.560913
SU5_str	BOBJ1	199.685	Before	Interior Girder 4	8.425	0.95	1	1	4.560913
SU5_str	BOBJ1	199.685	Before	Interior Girder 5	8.425	0.95	1	1	5.387549
SU5_str	BOBJ1	199.685	Before	Interior Girder 6	8.425	0.95	1	1	6.992265
SU5_str	BOBJ1	199.685	Before	Right Exterior Girder	8.425	0.95	1	1	5.636672
SU5_str	BOBJ1	199.685	After	Left Exterior Girder	8.425	0.95	1	1	8.699097
SU5_str	BOBJ1	199.685	After	Interior Girder 1	8.425	0.95	1	1	8.048746
SU5_str	BOBJ1	199.685	After	Interior Girder 2	8.425	0.95	1	1	7.412047
SU5_str	BOBJ1	199.685	After	Interior Girder 3	8.425	0.95	1	1	6.869061
SU5_str	BOBJ1	199.685	After	Interior Girder 4	8.425	0.95	1	1	6.869061
SU5_str	BOBJ1	199.685	After	Interior Girder 5	8.425	0.95	1	1	7.412047
SU5_str	BOBJ1	199.685	After	Interior Girder 6	8.425	0.95	1	1	8.048746
SU5_str	BOBJ1	199.685	After	Right Exterior Girder	8.425	0.95	1	1	8.699097
SU5_str	BOBJ1	208.11	Before	Left Exterior Girder	16.85	0.95	1	1	8.858803
SU5_str	BOBJ1	208.11	Before	Interior Girder 1	16.85	0.95	1	1	8.248539
SU5_str	BOBJ1	208.11	Before	Interior Girder 2	16.85	0.95	1	1	7.593883
SU5_str	BOBJ1	208.11	Before	Interior Girder 3	16.85	0.95	1	1	7.040344
SU5_str	BOBJ1	208.11	Before	Interior Girder 4	16.85	0.95	1	1	7.040344
SU5_str	BOBJ1	208.11	Before	Interior Girder 5	16.85	0.95	1	1	7.593883
SU5_str	BOBJ1	208.11	Before	Interior Girder 6	16.85	0.95	1	1	8.248539
SU5_str	BOBJ1	208.11	Before	Right Exterior Girder	16.85	0.95	1	1	8.858803
SU5_str	BOBJ1	208.11	After	Left Exterior Girder	16.85	0.95	1	1	14.068727
SU5_str	BOBJ1	208.11	After	Interior Girder 1	16.85	0.95	1	1	9.081898
SU5_str	BOBJ1	208.11	After	Interior Girder 2	16.85	0.95	1	1	8.396509
SU5_str	BOBJ1	208.11	After	Interior Girder 3	16.85	0.95	1	1	7.552126
SU5_str	BOBJ1	208.11	After	Interior Girder 4	16.85	0.95	1	1	7.552126
SU5_str	BOBJ1	208.11	After	Interior Girder 5	16.85	0.95	1	1	8.396509
SU5_str	BOBJ1	208.11	After	Interior Girder 6	16.85	0.95	1	1	9.081898
SU5_str	BOBJ1	208.11	After	Right Exterior Girder	16.85	0.95	1	1	14.068727
SU5_str	BOBJ1	216.535	Before	Left Exterior Girder	25.275	0.95	1	1	14.313472
SU5_str	BOBJ1	216.535	Before	Interior Girder 1	25.275	0.95	1	1	9.299443
SU5_str	BOBJ1	216.535	Before	Interior Girder 2	25.275	0.95	1	1	8.59725
SU5_str	BOBJ1	216.535	Before	Interior Girder 3	25.275	0.95	1	1	7.732553
SU5_str	BOBJ1	216.535	Before	Interior Girder 4	25.275	0.95	1	1	7.732553
SU5_str	BOBJ1	216.535	Before	Interior Girder 5	25.275	0.95	1	1	8.59725
SU5_str	BOBJ1	216.535	Before	Interior Girder 6	25.275	0.95	1	1	9.299443
SU5_str	BOBJ1	216.535	Before	Right Exterior Girder	25.275	0.95	1	1	14.313472
SU5_str	BOBJ1	216.535	After	Left Exterior Girder	25.275	0.95	1	1	18.732689
SU5_str	BOBJ1	216.535	After	Interior Girder 1	25.275	0.95	1	1	14.578283
SU5_str	BOBJ1	216.535	After	Interior Girder 2	25.275	0.95	1	1	13.121294
SU5_str	BOBJ1	216.535	After	Interior Girder 3	25.275	0.95	1	1	11.424799
SU5_str	BOBJ1	216.535	After	Interior Girder 4	25.275	0.95	1	1	11.424799
SU5_str	BOBJ1	216.535	After	Interior Girder 5	25.275	0.95	1	1	13.121294
SU5_str	BOBJ1	216.535	After	Interior Girder 6	25.275	0.95	1	1	14.578283
SU5_str	BOBJ1	216.535	After	Right Exterior Girder	25.275	0.95	1	1	18.732689
SU5_str	BOBJ1	224.96	Before	Left Exterior Girder	33.7	0.95	1	1	19.042574
SU5_str	BOBJ1	224.96	Before	Interior Girder 1	33.7	0.95	1	1	14.916975
SU5_str	BOBJ1	224.96	Before	Interior Girder 2	33.7	0.95	1	1	13.233713
SU5_str	BOBJ1	224.96	Before	Interior Girder 3	33.7	0.95	1	1	11.174337
SU5_str	BOBJ1	224.96	Before	Interior Girder 4	33.7	0.95	1	1	11.174337
SU5_str	BOBJ1	224.96	Before	Interior Girder 5	33.7	0.95	1	1	13.233713

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Approach, Span 7-11									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
SU5_str	BOBJ1	224.96	Before	Interior Girder 6	33.7	0.95	1	1	14.916975
SU5_str	BOBJ1	224.96	Before	Right Exterior Girder	33.7	0.95	1	1	19.042574
SU5_str	BOBJ1	224.96	After	Left Exterior Girder	33.7	0.95	1	1	18.199106
SU5_str	BOBJ1	224.96	After	Interior Girder 1	33.7	0.95	1	1	14.578899
SU5_str	BOBJ1	224.96	After	Interior Girder 2	33.7	0.95	1	1	13.216587
SU5_str	BOBJ1	224.96	After	Interior Girder 3	33.7	0.95	1	1	11.220077
SU5_str	BOBJ1	224.96	After	Interior Girder 4	33.7	0.95	1	1	11.220077
SU5_str	BOBJ1	224.96	After	Interior Girder 5	33.7	0.95	1	1	13.216587
SU5_str	BOBJ1	224.96	After	Interior Girder 6	33.7	0.95	1	1	14.578899
SU5_str	BOBJ1	224.96	After	Right Exterior Girder	33.7	0.95	1	1	18.199106
SU5_str	BOBJ1	233.385	Before	Left Exterior Girder	42.125	0.95	1	1	17.902224
SU5_str	BOBJ1	233.385	Before	Interior Girder 1	42.125	0.95	1	1	14.247542
SU5_str	BOBJ1	233.385	Before	Interior Girder 2	42.125	0.95	1	1	12.917556
SU5_str	BOBJ1	233.385	Before	Interior Girder 3	42.125	0.95	1	1	11.471453
SU5_str	BOBJ1	233.385	Before	Interior Girder 4	42.125	0.95	1	1	11.471453
SU5_str	BOBJ1	233.385	Before	Interior Girder 5	42.125	0.95	1	1	12.917556
SU5_str	BOBJ1	233.385	Before	Interior Girder 6	42.125	0.95	1	1	14.247542
SU5_str	BOBJ1	233.385	Before	Right Exterior Girder	42.125	0.95	1	1	17.902224
SU5_str	BOBJ1	233.385	After	Left Exterior Girder	42.125	0.95	1	1	13.876827
SU5_str	BOBJ1	233.385	After	Interior Girder 1	42.125	0.95	1	1	9.158771
SU5_str	BOBJ1	233.385	After	Interior Girder 2	42.125	0.95	1	1	8.504624
SU5_str	BOBJ1	233.385	After	Interior Girder 3	42.125	0.95	1	1	7.679263
SU5_str	BOBJ1	233.385	After	Interior Girder 4	42.125	0.95	1	1	7.679263
SU5_str	BOBJ1	233.385	After	Interior Girder 5	42.125	0.95	1	1	8.504624
SU5_str	BOBJ1	233.385	After	Interior Girder 6	42.125	0.95	1	1	9.158771
SU5_str	BOBJ1	233.385	After	Right Exterior Girder	42.125	0.95	1	1	13.876827
SU5_str	BOBJ1	241.81	Before	Left Exterior Girder	50.55	0.95	1	1	13.638925
SU5_str	BOBJ1	241.81	Before	Interior Girder 1	50.55	0.95	1	1	8.944306
SU5_str	BOBJ1	241.81	Before	Interior Girder 2	50.55	0.95	1	1	8.305949
SU5_str	BOBJ1	241.81	Before	Interior Girder 3	50.55	0.95	1	1	7.499991
SU5_str	BOBJ1	241.81	Before	Interior Girder 4	50.55	0.95	1	1	7.499991
SU5_str	BOBJ1	241.81	Before	Interior Girder 5	50.55	0.95	1	1	8.305949
SU5_str	BOBJ1	241.81	Before	Interior Girder 6	50.55	0.95	1	1	8.944306
SU5_str	BOBJ1	241.81	Before	Right Exterior Girder	50.55	0.95	1	1	13.638925
SU5_str	BOBJ1	241.81	After	Left Exterior Girder	50.55	0.95	1	1	8.825771
SU5_str	BOBJ1	241.81	After	Interior Girder 1	50.55	0.95	1	1	8.070027
SU5_str	BOBJ1	241.81	After	Interior Girder 2	50.55	0.95	1	1	7.40706
SU5_str	BOBJ1	241.81	After	Interior Girder 3	50.55	0.95	1	1	6.823148
SU5_str	BOBJ1	241.81	After	Interior Girder 4	50.55	0.95	1	1	6.823148
SU5_str	BOBJ1	241.81	After	Interior Girder 5	50.55	0.95	1	1	7.40706
SU5_str	BOBJ1	241.81	After	Interior Girder 6	50.55	0.95	1	1	8.070027
SU5_str	BOBJ1	241.81	After	Right Exterior Girder	50.55	0.95	1	1	8.825771
SU5_str	BOBJ1	245.18	Before	Left Exterior Girder	53.92	0.95	1	1	8.762523
SU5_str	BOBJ1	245.18	Before	Interior Girder 1	53.92	0.95	1	1	7.99207
SU5_str	BOBJ1	245.18	Before	Interior Girder 2	53.92	0.95	1	1	7.336267
SU5_str	BOBJ1	245.18	Before	Interior Girder 3	53.92	0.95	1	1	6.756894
SU5_str	BOBJ1	245.18	Before	Interior Girder 4	53.92	0.95	1	1	6.756894
SU5_str	BOBJ1	245.18	Before	Interior Girder 5	53.92	0.95	1	1	7.336267
SU5_str	BOBJ1	245.18	Before	Interior Girder 6	53.92	0.95	1	1	7.99207
SU5_str	BOBJ1	245.18	Before	Right Exterior Girder	53.92	0.95	1	1	8.762523
SU5_str	BOBJ1	245.18	After	Left Exterior Girder	53.92	0.95	1	1	9.214263
SU5_str	BOBJ1	245.18	After	Interior Girder 1	53.92	0.95	1	1	7.44722
SU5_str	BOBJ1	245.18	After	Interior Girder 2	53.92	0.95	1	1	6.871812
SU5_str	BOBJ1	245.18	After	Interior Girder 3	53.92	0.95	1	1	6.212855
SU5_str	BOBJ1	245.18	After	Interior Girder 4	53.92	0.95	1	1	6.212855
SU5_str	BOBJ1	245.18	After	Interior Girder 5	53.92	0.95	1	1	6.871812
SU5_str	BOBJ1	245.18	After	Interior Girder 6	53.92	0.95	1	1	7.44722
SU5_str	BOBJ1	245.18	After	Right Exterior Girder	53.92	0.95	1	1	9.214263
SU5_str	BOBJ1	250.245	Before	Left Exterior Girder	58.985	0.95	1	1	9.121055
SU5_str	BOBJ1	250.245	Before	Interior Girder 1	58.985	0.95	1	1	7.341642
SU5_str	BOBJ1	250.245	Before	Interior Girder 2	58.985	0.95	1	1	6.775354
SU5_str	BOBJ1	250.245	Before	Interior Girder 3	58.985	0.95	1	1	6.124177
SU5_str	BOBJ1	250.245	Before	Interior Girder 4	58.985	0.95	1	1	6.124177
SU5_str	BOBJ1	250.245	Before	Interior Girder 5	58.985	0.95	1	1	6.775354
SU5_str	BOBJ1	250.245	Before	Interior Girder 6	58.985	0.95	1	1	7.341642

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Approach, Span 7-11									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
SU5_str	BOBJ1	250.245	Before	Right Exterior Girder	58.985	0.95	1	1	9.121055
SU5_str	BOBJ1	250.245	After	Left Exterior Girder	58.985	0.95	1	1	7.603864
SU5_str	BOBJ1	250.245	After	Interior Girder 1	58.985	0.95	1	1	6.485868
SU5_str	BOBJ1	250.245	After	Interior Girder 2	58.985	0.95	1	1	5.607874
SU5_str	BOBJ1	250.245	After	Interior Girder 3	58.985	0.95	1	1	4.774738
SU5_str	BOBJ1	250.245	After	Interior Girder 4	58.985	0.95	1	1	4.774738
SU5_str	BOBJ1	250.245	After	Interior Girder 5	58.985	0.95	1	1	5.607874
SU5_str	BOBJ1	250.245	After	Interior Girder 6	58.985	0.95	1	1	6.485868
SU5_str	BOBJ1	250.245	After	Right Exterior Girder	58.985	0.95	1	1	7.603864
SU5_str	BOBJ1	251.68	Before	Left Exterior Girder	60.42	0.95	1	1	7.581152
SU5_str	BOBJ1	251.68	Before	Right Exterior Girder	60.42	0.95	1	1	7.581152
SU5_str	BOBJ1	251.68	After	Left Exterior Girder	60.42	0.95	1	1	7.304224
SU5_str	BOBJ1	251.68	After	Right Exterior Girder	60.42	0.95	1	1	7.304224
SU5_str	BOBJ1	254.18	Before	Interior Girder 1	62.92	0.95	1	1	5.873345
SU5_str	BOBJ1	254.18	Before	Interior Girder 2	62.92	0.95	1	1	5.54564
SU5_str	BOBJ1	254.18	Before	Interior Girder 3	62.92	0.95	1	1	4.720689
SU5_str	BOBJ1	254.18	Before	Interior Girder 4	62.92	0.95	1	1	4.720689
SU5_str	BOBJ1	254.18	Before	Interior Girder 5	62.92	0.95	1	1	5.54564
SU5_str	BOBJ1	254.18	Before	Interior Girder 6	62.92	0.95	1	1	5.873345
SU5_str	BOBJ1	254.18	After	Interior Girder 1	62.92	0.95	1	1	5.165837
SU5_str	BOBJ1	254.18	After	Interior Girder 2	62.92	0.95	1	1	4.861598
SU5_str	BOBJ1	254.18	After	Interior Girder 3	62.92	0.95	1	1	3.92021
SU5_str	BOBJ1	254.18	After	Interior Girder 4	62.92	0.95	1	1	3.92021
SU5_str	BOBJ1	254.18	After	Interior Girder 5	62.92	0.95	1	1	4.861598
SU5_str	BOBJ1	254.18	After	Interior Girder 6	62.92	0.95	1	1	5.165837
SU5_str	BOBJ1	258.68	Before	Left Exterior Girder	67.42	0.95	1	1	8.385793
SU5_str	BOBJ1	258.68	Before	Interior Girder 1	67.42	0.95	1	1	5.097165
SU5_str	BOBJ1	258.68	Before	Interior Girder 2	67.42	0.95	1	1	4.797599
SU5_str	BOBJ1	258.68	Before	Interior Girder 3	67.42	0.95	1	1	3.867326
SU5_str	BOBJ1	258.68	Before	Interior Girder 4	67.42	0.95	1	1	3.867326
SU5_str	BOBJ1	258.68	Before	Interior Girder 5	67.42	0.95	1	1	4.797599
SU5_str	BOBJ1	258.68	Before	Interior Girder 6	67.42	0.95	1	1	5.097165
SU5_str	BOBJ1	258.68	Before	Right Exterior Girder	67.42	0.95	1	1	8.385793
SU5_str	BOBJ1	258.68	After	Left Exterior Girder	0	0.95	1	1	8.835226
SU5_str	BOBJ1	258.68	After	Interior Girder 1	0	0.95	1	1	5.001683
SU5_str	BOBJ1	258.68	After	Interior Girder 2	0	0.95	1	1	4.682097
SU5_str	BOBJ1	258.68	After	Interior Girder 3	0	0.95	1	1	3.755547
SU5_str	BOBJ1	258.68	After	Interior Girder 4	0	0.95	1	1	3.755547
SU5_str	BOBJ1	258.68	After	Interior Girder 5	0	0.95	1	1	4.682097
SU5_str	BOBJ1	258.68	After	Interior Girder 6	0	0.95	1	1	5.001683
SU5_str	BOBJ1	258.68	After	Right Exterior Girder	0	0.95	1	1	8.835226
SU5_str	BOBJ1	263.18	Before	Interior Girder 1	4.5	0.95	1	1	5.069451
SU5_str	BOBJ1	263.18	Before	Interior Girder 2	4.5	0.95	1	1	4.744927
SU5_str	BOBJ1	263.18	Before	Interior Girder 3	4.5	0.95	1	1	3.807129
SU5_str	BOBJ1	263.18	Before	Interior Girder 4	4.5	0.95	1	1	3.807129
SU5_str	BOBJ1	263.18	Before	Interior Girder 5	4.5	0.95	1	1	4.744927
SU5_str	BOBJ1	263.18	Before	Interior Girder 6	4.5	0.95	1	1	5.069451
SU5_str	BOBJ1	263.18	After	Interior Girder 1	4.5	0.95	1	1	5.95857
SU5_str	BOBJ1	263.18	After	Interior Girder 2	4.5	0.95	1	1	5.603626
SU5_str	BOBJ1	263.18	After	Interior Girder 3	4.5	0.95	1	1	4.782136
SU5_str	BOBJ1	263.18	After	Interior Girder 4	4.5	0.95	1	1	4.782136
SU5_str	BOBJ1	263.18	After	Interior Girder 5	4.5	0.95	1	1	5.603626
SU5_str	BOBJ1	263.18	After	Interior Girder 6	4.5	0.95	1	1	5.95857
SU5_str	BOBJ1	265.68	Before	Left Exterior Girder	7	0.95	1	1	7.899062
SU5_str	BOBJ1	265.68	Before	Right Exterior Girder	7	0.95	1	1	7.899062
SU5_str	BOBJ1	265.68	After	Left Exterior Girder	7	0.95	1	1	8.453855
SU5_str	BOBJ1	265.68	After	Right Exterior Girder	7	0.95	1	1	8.453855
SU5_str	BOBJ1	268.08	Before	Left Exterior Girder	9.4	0.95	1	1	8.496317
SU5_str	BOBJ1	268.08	Before	Interior Girder 1	9.4	0.95	1	1	6.387144
SU5_str	BOBJ1	268.08	Before	Interior Girder 2	9.4	0.95	1	1	5.682369
SU5_str	BOBJ1	268.08	Before	Interior Girder 3	9.4	0.95	1	1	4.85056
SU5_str	BOBJ1	268.08	Before	Interior Girder 4	9.4	0.95	1	1	4.85056
SU5_str	BOBJ1	268.08	Before	Interior Girder 5	9.4	0.95	1	1	5.682369
SU5_str	BOBJ1	268.08	Before	Interior Girder 6	9.4	0.95	1	1	6.387144
SU5_str	BOBJ1	268.08	Before	Right Exterior Girder	9.4	0.95	1	1	8.496317

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Approach, Span 7-11									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
SU5_str	BOBJ1	268.08	After	Left Exterior Girder	9.4	0.95	1	1	10.366371
SU5_str	BOBJ1	268.08	After	Interior Girder 1	9.4	0.95	1	1	9.04109
SU5_str	BOBJ1	268.08	After	Interior Girder 2	9.4	0.95	1	1	8.138156
SU5_str	BOBJ1	268.08	After	Interior Girder 3	9.4	0.95	1	1	7.588263
SU5_str	BOBJ1	268.08	After	Interior Girder 4	9.4	0.95	1	1	7.588263
SU5_str	BOBJ1	268.08	After	Interior Girder 5	9.4	0.95	1	1	8.138156
SU5_str	BOBJ1	268.08	After	Interior Girder 6	9.4	0.95	1	1	9.04109
SU5_str	BOBJ1	268.08	After	Right Exterior Girder	9.4	0.95	1	1	10.366371
SU5_str	BOBJ1	277.48	Before	Left Exterior Girder	18.8	0.95	1	1	10.561664
SU5_str	BOBJ1	277.48	Before	Interior Girder 1	18.8	0.95	1	1	9.282583
SU5_str	BOBJ1	277.48	Before	Interior Girder 2	18.8	0.95	1	1	8.353324
SU5_str	BOBJ1	277.48	Before	Interior Girder 3	18.8	0.95	1	1	7.791624
SU5_str	BOBJ1	277.48	Before	Interior Girder 4	18.8	0.95	1	1	7.791624
SU5_str	BOBJ1	277.48	Before	Interior Girder 5	18.8	0.95	1	1	8.353324
SU5_str	BOBJ1	277.48	Before	Interior Girder 6	18.8	0.95	1	1	9.282583
SU5_str	BOBJ1	277.48	Before	Right Exterior Girder	18.8	0.95	1	1	10.561664
SU5_str	BOBJ1	277.48	After	Left Exterior Girder	18.8	0.95	1	1	18.663021
SU5_str	BOBJ1	277.48	After	Interior Girder 1	18.8	0.95	1	1	10.421709
SU5_str	BOBJ1	277.48	After	Interior Girder 2	18.8	0.95	1	1	9.515879
SU5_str	BOBJ1	277.48	After	Interior Girder 3	18.8	0.95	1	1	8.270213
SU5_str	BOBJ1	277.48	After	Interior Girder 4	18.8	0.95	1	1	8.270213
SU5_str	BOBJ1	277.48	After	Interior Girder 5	18.8	0.95	1	1	9.515879
SU5_str	BOBJ1	277.48	After	Interior Girder 6	18.8	0.95	1	1	10.421709
SU5_str	BOBJ1	277.48	After	Right Exterior Girder	18.8	0.95	1	1	18.663021
SU5_str	BOBJ1	286.88	Before	Left Exterior Girder	28.2	0.95	1	1	18.996482
SU5_str	BOBJ1	286.88	Before	Interior Girder 1	28.2	0.95	1	1	10.689605
SU5_str	BOBJ1	286.88	Before	Interior Girder 2	28.2	0.95	1	1	9.760162
SU5_str	BOBJ1	286.88	Before	Interior Girder 3	28.2	0.95	1	1	8.482264
SU5_str	BOBJ1	286.88	Before	Interior Girder 4	28.2	0.95	1	1	8.482264
SU5_str	BOBJ1	286.88	Before	Interior Girder 5	28.2	0.95	1	1	9.760162
SU5_str	BOBJ1	286.88	Before	Interior Girder 6	28.2	0.95	1	1	10.689605
SU5_str	BOBJ1	286.88	Before	Right Exterior Girder	28.2	0.95	1	1	18.996482
SU5_str	BOBJ1	286.88	After	Left Exterior Girder	28.2	0.95	1	1	30.434263
SU5_str	BOBJ1	286.88	After	Interior Girder 1	28.2	0.95	1	1	14.913324
SU5_str	BOBJ1	286.88	After	Interior Girder 2	28.2	0.95	1	1	13.234678
SU5_str	BOBJ1	286.88	After	Interior Girder 3	28.2	0.95	1	1	11.182732
SU5_str	BOBJ1	286.88	After	Interior Girder 4	28.2	0.95	1	1	11.182732
SU5_str	BOBJ1	286.88	After	Interior Girder 5	28.2	0.95	1	1	13.234678
SU5_str	BOBJ1	286.88	After	Interior Girder 6	28.2	0.95	1	1	14.913324
SU5_str	BOBJ1	286.88	After	Right Exterior Girder	28.2	0.95	1	1	30.434263
SU5_str	BOBJ1	296.28	Before	Left Exterior Girder	37.6	0.95	1	1	30.951296
SU5_str	BOBJ1	296.28	Before	Interior Girder 1	37.6	0.95	1	1	14.559452
SU5_str	BOBJ1	296.28	Before	Interior Girder 2	37.6	0.95	1	1	12.919501
SU5_str	BOBJ1	296.28	Before	Interior Girder 3	37.6	0.95	1	1	10.916185
SU5_str	BOBJ1	296.28	Before	Interior Girder 4	37.6	0.95	1	1	10.916185
SU5_str	BOBJ1	296.28	Before	Interior Girder 5	37.6	0.95	1	1	12.919501
SU5_str	BOBJ1	296.28	Before	Interior Girder 6	37.6	0.95	1	1	14.559452
SU5_str	BOBJ1	296.28	Before	Right Exterior Girder	37.6	0.95	1	1	30.951296
SU5_str	BOBJ1	296.28	After	Left Exterior Girder	37.6	0.95	1	1	15.67764
SU5_str	BOBJ1	296.28	After	Interior Girder 1	37.6	0.95	1	1	13.644251
SU5_str	BOBJ1	296.28	After	Interior Girder 2	37.6	0.95	1	1	12.170197
SU5_str	BOBJ1	296.28	After	Interior Girder 3	37.6	0.95	1	1	11.678382
SU5_str	BOBJ1	296.28	After	Interior Girder 4	37.6	0.95	1	1	11.678382
SU5_str	BOBJ1	296.28	After	Interior Girder 5	37.6	0.95	1	1	12.170197
SU5_str	BOBJ1	296.28	After	Interior Girder 6	37.6	0.95	1	1	13.644251
SU5_str	BOBJ1	296.28	After	Right Exterior Girder	37.6	0.95	1	1	15.67764
SU5_str	BOBJ1	305.69	Before	Left Exterior Girder	47.01	0.95	1	1	15.40932
SU5_str	BOBJ1	305.69	Before	Interior Girder 1	47.01	0.95	1	1	13.305977
SU5_str	BOBJ1	305.69	Before	Interior Girder 2	47.01	0.95	1	1	11.870216
SU5_str	BOBJ1	305.69	Before	Interior Girder 3	47.01	0.95	1	1	11.389916
SU5_str	BOBJ1	305.69	Before	Interior Girder 4	47.01	0.95	1	1	11.389916
SU5_str	BOBJ1	305.69	Before	Interior Girder 5	47.01	0.95	1	1	11.870216
SU5_str	BOBJ1	305.69	Before	Interior Girder 6	47.01	0.95	1	1	13.305977
SU5_str	BOBJ1	305.69	Before	Right Exterior Girder	47.01	0.95	1	1	15.40932
SU5_str	BOBJ1	305.69	After	Left Exterior Girder	47.01	0.95	1	1	11.83033

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Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
SU5_str	BOBJ1	305.69	After	Interior Girder 1	47.01	0.95	1	1	8.085116
SU5_str	BOBJ1	305.69	After	Interior Girder 2	47.01	0.95	1	1	7.429678
SU5_str	BOBJ1	305.69	After	Interior Girder 3	47.01	0.95	1	1	6.853394
SU5_str	BOBJ1	305.69	After	Interior Girder 4	47.01	0.95	1	1	6.853394
SU5_str	BOBJ1	305.69	After	Interior Girder 5	47.01	0.95	1	1	7.429678
SU5_str	BOBJ1	305.69	After	Interior Girder 6	47.01	0.95	1	1	8.085116
SU5_str	BOBJ1	305.69	After	Right Exterior Girder	47.01	0.95	1	1	11.83033
SU5_str	BOBJ1	315.1	Before	Left Exterior Girder	56.42	0.95	1	1	11.617153
SU5_str	BOBJ1	315.1	Before	Interior Girder 1	56.42	0.95	1	1	7.878168
SU5_str	BOBJ1	315.1	Before	Interior Girder 2	56.42	0.95	1	1	7.240191
SU5_str	BOBJ1	315.1	Before	Interior Girder 3	56.42	0.95	1	1	6.67801
SU5_str	BOBJ1	315.1	Before	Interior Girder 4	56.42	0.95	1	1	6.67801
SU5_str	BOBJ1	315.1	Before	Interior Girder 5	56.42	0.95	1	1	7.240191
SU5_str	BOBJ1	315.1	Before	Interior Girder 6	56.42	0.95	1	1	7.878168
SU5_str	BOBJ1	315.1	Before	Right Exterior Girder	56.42	0.95	1	1	11.617153
SU6_str	BOBJ1	0	After	Left Exterior Girder	0	0.95	1	1	10.710754
SU6_str	BOBJ1	0	After	Interior Girder 1	0	0.95	1	1	7.154385
SU6_str	BOBJ1	0	After	Interior Girder 2	0	0.95	1	1	6.556091
SU6_str	BOBJ1	0	After	Interior Girder 3	0	0.95	1	1	6.030543
SU6_str	BOBJ1	0	After	Interior Girder 4	0	0.95	1	1	6.030543
SU6_str	BOBJ1	0	After	Interior Girder 5	0	0.95	1	1	6.556091
SU6_str	BOBJ1	0	After	Interior Girder 6	0	0.95	1	1	7.154385
SU6_str	BOBJ1	0	After	Right Exterior Girder	0	0.95	1	1	10.710754
SU6_str	BOBJ1	9.4	Before	Left Exterior Girder	9.4	0.95	1	1	10.90684
SU6_str	BOBJ1	9.4	Before	Interior Girder 1	9.4	0.95	1	1	7.342149
SU6_str	BOBJ1	9.4	Before	Interior Girder 2	9.4	0.95	1	1	6.727464
SU6_str	BOBJ1	9.4	Before	Interior Girder 3	9.4	0.95	1	1	6.188683
SU6_str	BOBJ1	9.4	Before	Interior Girder 4	9.4	0.95	1	1	6.188683
SU6_str	BOBJ1	9.4	Before	Interior Girder 5	9.4	0.95	1	1	6.727464
SU6_str	BOBJ1	9.4	Before	Interior Girder 6	9.4	0.95	1	1	7.342149
SU6_str	BOBJ1	9.4	Before	Right Exterior Girder	9.4	0.95	1	1	10.90684
SU6_str	BOBJ1	9.4	After	Left Exterior Girder	9.4	0.95	1	1	13.902913
SU6_str	BOBJ1	9.4	After	Interior Girder 1	9.4	0.95	1	1	11.990122
SU6_str	BOBJ1	9.4	After	Interior Girder 2	9.4	0.95	1	1	10.717117
SU6_str	BOBJ1	9.4	After	Interior Girder 3	9.4	0.95	1	1	10.39522
SU6_str	BOBJ1	9.4	After	Interior Girder 4	9.4	0.95	1	1	10.39522
SU6_str	BOBJ1	9.4	After	Interior Girder 5	9.4	0.95	1	1	10.717117
SU6_str	BOBJ1	9.4	After	Interior Girder 6	9.4	0.95	1	1	11.990122
SU6_str	BOBJ1	9.4	After	Right Exterior Girder	9.4	0.95	1	1	13.902913
SU6_str	BOBJ1	18.8	Before	Left Exterior Girder	18.8	0.95	1	1	14.14448
SU6_str	BOBJ1	18.8	Before	Interior Girder 1	18.8	0.95	1	1	12.294645
SU6_str	BOBJ1	18.8	Before	Interior Girder 2	18.8	0.95	1	1	10.987635
SU6_str	BOBJ1	18.8	Before	Interior Girder 3	18.8	0.95	1	1	10.658121
SU6_str	BOBJ1	18.8	Before	Interior Girder 4	18.8	0.95	1	1	10.658121
SU6_str	BOBJ1	18.8	Before	Interior Girder 5	18.8	0.95	1	1	10.987635
SU6_str	BOBJ1	18.8	Before	Interior Girder 6	18.8	0.95	1	1	12.294645
SU6_str	BOBJ1	18.8	Before	Right Exterior Girder	18.8	0.95	1	1	14.14448
SU6_str	BOBJ1	18.8	After	Left Exterior Girder	18.8	0.95	1	1	28.037928
SU6_str	BOBJ1	18.8	After	Interior Girder 1	18.8	0.95	1	1	13.37343
SU6_str	BOBJ1	18.8	After	Interior Girder 2	18.8	0.95	1	1	11.81235
SU6_str	BOBJ1	18.8	After	Interior Girder 3	18.8	0.95	1	1	10.038807
SU6_str	BOBJ1	18.8	After	Interior Girder 4	18.8	0.95	1	1	10.038807
SU6_str	BOBJ1	18.8	After	Interior Girder 5	18.8	0.95	1	1	11.81235
SU6_str	BOBJ1	18.8	After	Interior Girder 6	18.8	0.95	1	1	13.37343
SU6_str	BOBJ1	18.8	After	Right Exterior Girder	18.8	0.95	1	1	28.037928
SU6_str	BOBJ1	28.2	Before	Left Exterior Girder	28.2	0.95	1	1	27.569296
SU6_str	BOBJ1	28.2	Before	Interior Girder 1	28.2	0.95	1	1	13.698337
SU6_str	BOBJ1	28.2	Before	Interior Girder 2	28.2	0.95	1	1	12.100454
SU6_str	BOBJ1	28.2	Before	Interior Girder 3	28.2	0.95	1	1	10.283901
SU6_str	BOBJ1	28.2	Before	Interior Girder 4	28.2	0.95	1	1	10.283901
SU6_str	BOBJ1	28.2	Before	Interior Girder 5	28.2	0.95	1	1	12.100454
SU6_str	BOBJ1	28.2	Before	Interior Girder 6	28.2	0.95	1	1	13.698337
SU6_str	BOBJ1	28.2	Before	Right Exterior Girder	28.2	0.95	1	1	27.569296
SU6_str	BOBJ1	28.2	After	Left Exterior Girder	28.2	0.95	1	1	17.433373
SU6_str	BOBJ1	28.2	After	Interior Girder 1	28.2	0.95	1	1	9.754393

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Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
SU6_str	BOBJ1	28.2	After	Interior Girder 2	28.2	0.95	1	1	8.879524
SU6_str	BOBJ1	28.2	After	Interior Girder 3	28.2	0.95	1	1	7.714965
SU6_str	BOBJ1	28.2	After	Interior Girder 4	28.2	0.95	1	1	7.714965
SU6_str	BOBJ1	28.2	After	Interior Girder 5	28.2	0.95	1	1	8.879524
SU6_str	BOBJ1	28.2	After	Interior Girder 6	28.2	0.95	1	1	9.754393
SU6_str	BOBJ1	28.2	After	Right Exterior Girder	28.2	0.95	1	1	17.433373
SU6_str	BOBJ1	37.6	Before	Left Exterior Girder	37.6	0.95	1	1	17.12717
SU6_str	BOBJ1	37.6	Before	Interior Girder 1	37.6	0.95	1	1	9.509825
SU6_str	BOBJ1	37.6	Before	Interior Girder 2	37.6	0.95	1	1	8.657229
SU6_str	BOBJ1	37.6	Before	Interior Girder 3	37.6	0.95	1	1	7.522074
SU6_str	BOBJ1	37.6	Before	Interior Girder 4	37.6	0.95	1	1	7.522074
SU6_str	BOBJ1	37.6	Before	Interior Girder 5	37.6	0.95	1	1	8.657229
SU6_str	BOBJ1	37.6	Before	Interior Girder 6	37.6	0.95	1	1	9.509825
SU6_str	BOBJ1	37.6	Before	Right Exterior Girder	37.6	0.95	1	1	17.12717
SU6_str	BOBJ1	37.6	After	Left Exterior Girder	37.6	0.95	1	1	9.629949
SU6_str	BOBJ1	37.6	After	Interior Girder 1	37.6	0.95	1	1	8.45119
SU6_str	BOBJ1	37.6	After	Interior Girder 2	37.6	0.95	1	1	7.590796
SU6_str	BOBJ1	37.6	After	Interior Girder 3	37.6	0.95	1	1	7.045504
SU6_str	BOBJ1	37.6	After	Interior Girder 4	37.6	0.95	1	1	7.045504
SU6_str	BOBJ1	37.6	After	Interior Girder 5	37.6	0.95	1	1	7.590796
SU6_str	BOBJ1	37.6	After	Interior Girder 6	37.6	0.95	1	1	8.45119
SU6_str	BOBJ1	37.6	After	Right Exterior Girder	37.6	0.95	1	1	9.629949
SU6_str	BOBJ1	47.01	Before	Left Exterior Girder	47.01	0.95	1	1	9.451619
SU6_str	BOBJ1	47.01	Before	Interior Girder 1	47.01	0.95	1	1	8.230957
SU6_str	BOBJ1	47.01	Before	Interior Girder 2	47.01	0.95	1	1	7.39499
SU6_str	BOBJ1	47.01	Before	Interior Girder 3	47.01	0.95	1	1	6.861406
SU6_str	BOBJ1	47.01	Before	Interior Girder 4	47.01	0.95	1	1	6.861406
SU6_str	BOBJ1	47.01	Before	Interior Girder 5	47.01	0.95	1	1	7.39499
SU6_str	BOBJ1	47.01	Before	Interior Girder 6	47.01	0.95	1	1	8.230957
SU6_str	BOBJ1	47.01	Before	Right Exterior Girder	47.01	0.95	1	1	9.451619
SU6_str	BOBJ1	47.01	After	Left Exterior Girder	47.01	0.95	1	1	7.617788
SU6_str	BOBJ1	47.01	After	Interior Girder 1	47.01	0.95	1	1	6.100065
SU6_str	BOBJ1	47.01	After	Interior Girder 2	47.01	0.95	1	1	5.429351
SU6_str	BOBJ1	47.01	After	Interior Girder 3	47.01	0.95	1	1	4.693358
SU6_str	BOBJ1	47.01	After	Interior Girder 4	47.01	0.95	1	1	4.693358
SU6_str	BOBJ1	47.01	After	Interior Girder 5	47.01	0.95	1	1	5.429351
SU6_str	BOBJ1	47.01	After	Interior Girder 6	47.01	0.95	1	1	6.100065
SU6_str	BOBJ1	47.01	After	Right Exterior Girder	47.01	0.95	1	1	7.617788
SU6_str	BOBJ1	49.42	Before	Left Exterior Girder	49.42	0.95	1	1	7.579542
SU6_str	BOBJ1	49.42	Before	Right Exterior Girder	49.42	0.95	1	1	7.579542
SU6_str	BOBJ1	49.42	After	Left Exterior Girder	49.42	0.95	1	1	7.192052
SU6_str	BOBJ1	49.42	After	Right Exterior Girder	49.42	0.95	1	1	7.192052
SU6_str	BOBJ1	51.92	Before	Interior Girder 1	51.92	0.95	1	1	5.544899
SU6_str	BOBJ1	51.92	Before	Interior Girder 2	51.92	0.95	1	1	5.353928
SU6_str	BOBJ1	51.92	Before	Interior Girder 3	51.92	0.95	1	1	4.62701
SU6_str	BOBJ1	51.92	Before	Interior Girder 4	51.92	0.95	1	1	4.62701
SU6_str	BOBJ1	51.92	Before	Interior Girder 5	51.92	0.95	1	1	5.353928
SU6_str	BOBJ1	51.92	Before	Interior Girder 6	51.92	0.95	1	1	5.544899
SU6_str	BOBJ1	51.92	After	Interior Girder 1	51.92	0.95	1	1	4.851521
SU6_str	BOBJ1	51.92	After	Interior Girder 2	51.92	0.95	1	1	4.56649
SU6_str	BOBJ1	51.92	After	Interior Girder 3	51.92	0.95	1	1	3.741495
SU6_str	BOBJ1	51.92	After	Interior Girder 4	51.92	0.95	1	1	3.741495
SU6_str	BOBJ1	51.92	After	Interior Girder 5	51.92	0.95	1	1	4.56649
SU6_str	BOBJ1	51.92	After	Interior Girder 6	51.92	0.95	1	1	4.851521
SU6_str	BOBJ1	56.42	Before	Left Exterior Girder	56.42	0.95	1	1	7.964671
SU6_str	BOBJ1	56.42	Before	Interior Girder 1	56.42	0.95	1	1	4.78662
SU6_str	BOBJ1	56.42	Before	Interior Girder 2	56.42	0.95	1	1	4.505995
SU6_str	BOBJ1	56.42	Before	Interior Girder 3	56.42	0.95	1	1	3.690793
SU6_str	BOBJ1	56.42	Before	Interior Girder 4	56.42	0.95	1	1	3.690793
SU6_str	BOBJ1	56.42	Before	Interior Girder 5	56.42	0.95	1	1	4.505995
SU6_str	BOBJ1	56.42	Before	Interior Girder 6	56.42	0.95	1	1	4.78662
SU6_str	BOBJ1	56.42	Before	Right Exterior Girder	56.42	0.95	1	1	7.964671
SU6_str	BOBJ1	56.42	After	Left Exterior Girder	0	0.95	1	1	7.539789
SU6_str	BOBJ1	56.42	After	Interior Girder 1	0	0.95	1	1	4.889019
SU6_str	BOBJ1	56.42	After	Interior Girder 2	0	0.95	1	1	4.605638

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Approach, Span 7-11									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
SU6_str	BOBJ1	56.42	After	Interior Girder 3	0	0.95	1	1	3.800921
SU6_str	BOBJ1	56.42	After	Interior Girder 4	0	0.95	1	1	3.800921
SU6_str	BOBJ1	56.42	After	Interior Girder 5	0	0.95	1	1	4.605638
SU6_str	BOBJ1	56.42	After	Interior Girder 6	0	0.95	1	1	4.889019
SU6_str	BOBJ1	56.42	After	Right Exterior Girder	0	0.95	1	1	7.539789
SU6_str	BOBJ1	60.92	Before	Interior Girder 1	4.5	0.95	1	1	4.954886
SU6_str	BOBJ1	60.92	Before	Interior Girder 2	4.5	0.95	1	1	4.667071
SU6_str	BOBJ1	60.92	Before	Interior Girder 3	4.5	0.95	1	1	3.852903
SU6_str	BOBJ1	60.92	Before	Interior Girder 4	4.5	0.95	1	1	3.852903
SU6_str	BOBJ1	60.92	Before	Interior Girder 5	4.5	0.95	1	1	4.667071
SU6_str	BOBJ1	60.92	Before	Interior Girder 6	4.5	0.95	1	1	4.954886
SU6_str	BOBJ1	60.92	After	Interior Girder 1	4.5	0.95	1	1	5.549907
SU6_str	BOBJ1	60.92	After	Interior Girder 2	4.5	0.95	1	1	5.374919
SU6_str	BOBJ1	60.92	After	Interior Girder 3	4.5	0.95	1	1	4.712195
SU6_str	BOBJ1	60.92	After	Interior Girder 4	4.5	0.95	1	1	4.712195
SU6_str	BOBJ1	60.92	After	Interior Girder 5	4.5	0.95	1	1	5.374919
SU6_str	BOBJ1	60.92	After	Interior Girder 6	4.5	0.95	1	1	5.549907
SU6_str	BOBJ1	63.42	Before	Left Exterior Girder	7	0.95	1	1	6.625216
SU6_str	BOBJ1	63.42	Before	Right Exterior Girder	7	0.95	1	1	6.625216
SU6_str	BOBJ1	63.42	After	Left Exterior Girder	7	0.95	1	1	6.787388
SU6_str	BOBJ1	63.42	After	Right Exterior Girder	7	0.95	1	1	6.787388
SU6_str	BOBJ1	64.845	Before	Left Exterior Girder	8.425	0.95	1	1	6.807593
SU6_str	BOBJ1	64.845	Before	Interior Girder 1	8.425	0.95	1	1	6.33619
SU6_str	BOBJ1	64.845	Before	Interior Girder 2	8.425	0.95	1	1	5.43508
SU6_str	BOBJ1	64.845	Before	Interior Girder 3	8.425	0.95	1	1	4.766016
SU6_str	BOBJ1	64.845	Before	Interior Girder 4	8.425	0.95	1	1	4.766016
SU6_str	BOBJ1	64.845	Before	Interior Girder 5	8.425	0.95	1	1	5.43508
SU6_str	BOBJ1	64.845	Before	Interior Girder 6	8.425	0.95	1	1	6.33619
SU6_str	BOBJ1	64.845	Before	Right Exterior Girder	8.425	0.95	1	1	6.807593
SU6_str	BOBJ1	64.845	After	Left Exterior Girder	8.425	0.95	1	1	8.415517
SU6_str	BOBJ1	64.845	After	Interior Girder 1	8.425	0.95	1	1	7.027891
SU6_str	BOBJ1	64.845	After	Interior Girder 2	8.425	0.95	1	1	6.430165
SU6_str	BOBJ1	64.845	After	Interior Girder 3	8.425	0.95	1	1	5.798095
SU6_str	BOBJ1	64.845	After	Interior Girder 4	8.425	0.95	1	1	5.798095
SU6_str	BOBJ1	64.845	After	Interior Girder 5	8.425	0.95	1	1	6.430165
SU6_str	BOBJ1	64.845	After	Interior Girder 6	8.425	0.95	1	1	7.027891
SU6_str	BOBJ1	64.845	After	Right Exterior Girder	8.425	0.95	1	1	8.415517
SU6_str	BOBJ1	69.92	Before	Left Exterior Girder	13.5	0.95	1	1	8.501722
SU6_str	BOBJ1	69.92	Before	Interior Girder 1	13.5	0.95	1	1	7.12916
SU6_str	BOBJ1	69.92	Before	Interior Girder 2	13.5	0.95	1	1	6.521887
SU6_str	BOBJ1	69.92	Before	Interior Girder 3	13.5	0.95	1	1	5.882229
SU6_str	BOBJ1	69.92	Before	Interior Girder 4	13.5	0.95	1	1	5.882229
SU6_str	BOBJ1	69.92	Before	Interior Girder 5	13.5	0.95	1	1	6.521887
SU6_str	BOBJ1	69.92	Before	Interior Girder 6	13.5	0.95	1	1	7.12916
SU6_str	BOBJ1	69.92	Before	Right Exterior Girder	13.5	0.95	1	1	8.501722
SU6_str	BOBJ1	69.92	After	Left Exterior Girder	13.5	0.95	1	1	8.158047
SU6_str	BOBJ1	69.92	After	Interior Girder 1	13.5	0.95	1	1	7.814736
SU6_str	BOBJ1	69.92	After	Interior Girder 2	13.5	0.95	1	1	7.125891
SU6_str	BOBJ1	69.92	After	Interior Girder 3	13.5	0.95	1	1	6.48996
SU6_str	BOBJ1	69.92	After	Interior Girder 4	13.5	0.95	1	1	6.48996
SU6_str	BOBJ1	69.92	After	Interior Girder 5	13.5	0.95	1	1	7.125891
SU6_str	BOBJ1	69.92	After	Interior Girder 6	13.5	0.95	1	1	7.814736
SU6_str	BOBJ1	69.92	After	Right Exterior Girder	13.5	0.95	1	1	8.158047
SU6_str	BOBJ1	73.27	Before	Left Exterior Girder	16.85	0.95	1	1	8.216611
SU6_str	BOBJ1	73.27	Before	Interior Girder 1	16.85	0.95	1	1	7.890512
SU6_str	BOBJ1	73.27	Before	Interior Girder 2	16.85	0.95	1	1	7.194242
SU6_str	BOBJ1	73.27	Before	Interior Girder 3	16.85	0.95	1	1	6.553226
SU6_str	BOBJ1	73.27	Before	Interior Girder 4	16.85	0.95	1	1	6.553226
SU6_str	BOBJ1	73.27	Before	Interior Girder 5	16.85	0.95	1	1	7.194242
SU6_str	BOBJ1	73.27	Before	Interior Girder 6	16.85	0.95	1	1	7.890512
SU6_str	BOBJ1	73.27	Before	Right Exterior Girder	16.85	0.95	1	1	8.216611
SU6_str	BOBJ1	73.27	After	Left Exterior Girder	16.85	0.95	1	1	12.656333
SU6_str	BOBJ1	73.27	After	Interior Girder 1	16.85	0.95	1	1	8.187277
SU6_str	BOBJ1	73.27	After	Interior Girder 2	16.85	0.95	1	1	7.564988
SU6_str	BOBJ1	73.27	After	Interior Girder 3	16.85	0.95	1	1	6.815374

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Approach, Span 7-11									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
SU6_str	BOBJ1	73.27	After	Interior Girder 4	16.85	0.95	1	1	6.815374
SU6_str	BOBJ1	73.27	After	Interior Girder 5	16.85	0.95	1	1	7.564988
SU6_str	BOBJ1	73.27	After	Interior Girder 6	16.85	0.95	1	1	8.187277
SU6_str	BOBJ1	73.27	After	Right Exterior Girder	16.85	0.95	1	1	12.656333
SU6_str	BOBJ1	81.695	Before	Left Exterior Girder	25.275	0.95	1	1	12.877183
SU6_str	BOBJ1	81.695	Before	Interior Girder 1	25.275	0.95	1	1	8.383626
SU6_str	BOBJ1	81.695	Before	Interior Girder 2	25.275	0.95	1	1	7.74596
SU6_str	BOBJ1	81.695	Before	Interior Girder 3	25.275	0.95	1	1	6.978301
SU6_str	BOBJ1	81.695	Before	Interior Girder 4	25.275	0.95	1	1	6.978301
SU6_str	BOBJ1	81.695	Before	Interior Girder 5	25.275	0.95	1	1	7.74596
SU6_str	BOBJ1	81.695	Before	Interior Girder 6	25.275	0.95	1	1	8.383626
SU6_str	BOBJ1	81.695	Before	Right Exterior Girder	25.275	0.95	1	1	12.877183
SU6_str	BOBJ1	81.695	After	Left Exterior Girder	25.275	0.95	1	1	16.250462
SU6_str	BOBJ1	81.695	After	Interior Girder 1	25.275	0.95	1	1	12.960403
SU6_str	BOBJ1	81.695	After	Interior Girder 2	25.275	0.95	1	1	11.696169
SU6_str	BOBJ1	81.695	After	Interior Girder 3	25.275	0.95	1	1	10.534547
SU6_str	BOBJ1	81.695	After	Interior Girder 4	25.275	0.95	1	1	10.534547
SU6_str	BOBJ1	81.695	After	Interior Girder 5	25.275	0.95	1	1	11.696169
SU6_str	BOBJ1	81.695	After	Interior Girder 6	25.275	0.95	1	1	12.960403
SU6_str	BOBJ1	81.695	After	Right Exterior Girder	25.275	0.95	1	1	16.250462
SU6_str	BOBJ1	90.12	Before	Left Exterior Girder	33.7	0.95	1	1	16.52005
SU6_str	BOBJ1	90.12	Before	Interior Girder 1	33.7	0.95	1	1	13.261881
SU6_str	BOBJ1	90.12	Before	Interior Girder 2	33.7	0.95	1	1	11.966958
SU6_str	BOBJ1	90.12	Before	Interior Girder 3	33.7	0.95	1	1	10.303725
SU6_str	BOBJ1	90.12	Before	Interior Girder 4	33.7	0.95	1	1	10.303725
SU6_str	BOBJ1	90.12	Before	Interior Girder 5	33.7	0.95	1	1	11.966958
SU6_str	BOBJ1	90.12	Before	Interior Girder 6	33.7	0.95	1	1	13.261881
SU6_str	BOBJ1	90.12	Before	Right Exterior Girder	33.7	0.95	1	1	16.52005
SU6_str	BOBJ1	90.12	After	Left Exterior Girder	33.7	0.95	1	1	17.345228
SU6_str	BOBJ1	90.12	After	Interior Girder 1	33.7	0.95	1	1	13.587029
SU6_str	BOBJ1	90.12	After	Interior Girder 2	33.7	0.95	1	1	12.056683
SU6_str	BOBJ1	90.12	After	Interior Girder 3	33.7	0.95	1	1	10.19984
SU6_str	BOBJ1	90.12	After	Interior Girder 4	33.7	0.95	1	1	10.19984
SU6_str	BOBJ1	90.12	After	Interior Girder 5	33.7	0.95	1	1	12.056683
SU6_str	BOBJ1	90.12	After	Interior Girder 6	33.7	0.95	1	1	13.587029
SU6_str	BOBJ1	90.12	After	Right Exterior Girder	33.7	0.95	1	1	17.345228
SU6_str	BOBJ1	98.545	Before	Left Exterior Girder	42.125	0.95	1	1	17.063051
SU6_str	BOBJ1	98.545	Before	Interior Girder 1	42.125	0.95	1	1	13.278591
SU6_str	BOBJ1	98.545	Before	Interior Girder 2	42.125	0.95	1	1	11.89827
SU6_str	BOBJ1	98.545	Before	Interior Girder 3	42.125	0.95	1	1	10.428487
SU6_str	BOBJ1	98.545	Before	Interior Girder 4	42.125	0.95	1	1	10.428487
SU6_str	BOBJ1	98.545	Before	Interior Girder 5	42.125	0.95	1	1	11.89827
SU6_str	BOBJ1	98.545	Before	Interior Girder 6	42.125	0.95	1	1	13.278591
SU6_str	BOBJ1	98.545	Before	Right Exterior Girder	42.125	0.95	1	1	17.063051
SU6_str	BOBJ1	98.545	After	Left Exterior Girder	42.125	0.95	1	1	13.318908
SU6_str	BOBJ1	98.545	After	Interior Girder 1	42.125	0.95	1	1	8.521062
SU6_str	BOBJ1	98.545	After	Interior Girder 2	42.125	0.95	1	1	7.837667
SU6_str	BOBJ1	98.545	After	Interior Girder 3	42.125	0.95	1	1	7.032741
SU6_str	BOBJ1	98.545	After	Interior Girder 4	42.125	0.95	1	1	7.032741
SU6_str	BOBJ1	98.545	After	Interior Girder 5	42.125	0.95	1	1	7.837667
SU6_str	BOBJ1	98.545	After	Interior Girder 6	42.125	0.95	1	1	8.521062
SU6_str	BOBJ1	98.545	After	Right Exterior Girder	42.125	0.95	1	1	13.318908
SU6_str	BOBJ1	106.97	Before	Left Exterior Girder	50.55	0.95	1	1	13.091244
SU6_str	BOBJ1	106.97	Before	Interior Girder 1	50.55	0.95	1	1	8.321764
SU6_str	BOBJ1	106.97	Before	Interior Girder 2	50.55	0.95	1	1	7.654687
SU6_str	BOBJ1	106.97	Before	Interior Girder 3	50.55	0.95	1	1	6.868665
SU6_str	BOBJ1	106.97	Before	Interior Girder 4	50.55	0.95	1	1	6.868665
SU6_str	BOBJ1	106.97	Before	Interior Girder 5	50.55	0.95	1	1	7.654687
SU6_str	BOBJ1	106.97	Before	Interior Girder 6	50.55	0.95	1	1	8.321764
SU6_str	BOBJ1	106.97	Before	Right Exterior Girder	50.55	0.95	1	1	13.091244
SU6_str	BOBJ1	106.97	After	Left Exterior Girder	50.55	0.95	1	1	8.120373
SU6_str	BOBJ1	106.97	After	Interior Girder 1	50.55	0.95	1	1	7.585449
SU6_str	BOBJ1	106.97	After	Interior Girder 2	50.55	0.95	1	1	6.963789
SU6_str	BOBJ1	106.97	After	Interior Girder 3	50.55	0.95	1	1	6.414576
SU6_str	BOBJ1	106.97	After	Interior Girder 4	50.55	0.95	1	1	6.414576

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Approach, Span 7-11									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
SU6_str	BOBJ1	106.97	After	Interior Girder 5	50.55	0.95	1	1	6.963789
SU6_str	BOBJ1	106.97	After	Interior Girder 6	50.55	0.95	1	1	7.585449
SU6_str	BOBJ1	106.97	After	Right Exterior Girder	50.55	0.95	1	1	8.120373
SU6_str	BOBJ1	115.405	Before	Left Exterior Girder	58.985	0.95	1	1	7.973861
SU6_str	BOBJ1	115.405	Before	Interior Girder 1	58.985	0.95	1	1	7.401521
SU6_str	BOBJ1	115.405	Before	Interior Girder 2	58.985	0.95	1	1	6.796854
SU6_str	BOBJ1	115.405	Before	Interior Girder 3	58.985	0.95	1	1	6.258366
SU6_str	BOBJ1	115.405	Before	Interior Girder 4	58.985	0.95	1	1	6.258366
SU6_str	BOBJ1	115.405	Before	Interior Girder 5	58.985	0.95	1	1	6.796854
SU6_str	BOBJ1	115.405	Before	Interior Girder 6	58.985	0.95	1	1	7.401521
SU6_str	BOBJ1	115.405	Before	Right Exterior Girder	58.985	0.95	1	1	7.973861
SU6_str	BOBJ1	115.405	After	Left Exterior Girder	58.985	0.95	1	1	5.114387
SU6_str	BOBJ1	115.405	After	Interior Girder 1	58.985	0.95	1	1	6.838894
SU6_str	BOBJ1	115.405	After	Interior Girder 2	58.985	0.95	1	1	5.225009
SU6_str	BOBJ1	115.405	After	Interior Girder 3	58.985	0.95	1	1	4.556768
SU6_str	BOBJ1	115.405	After	Interior Girder 4	58.985	0.95	1	1	4.556768
SU6_str	BOBJ1	115.405	After	Interior Girder 5	58.985	0.95	1	1	5.225009
SU6_str	BOBJ1	115.405	After	Interior Girder 6	58.985	0.95	1	1	6.838894
SU6_str	BOBJ1	115.405	After	Right Exterior Girder	58.985	0.95	1	1	5.114387
SU6_str	BOBJ1	116.34	Before	Left Exterior Girder	59.92	0.95	1	1	5.103175
SU6_str	BOBJ1	116.34	Before	Right Exterior Girder	59.92	0.95	1	1	5.103175
SU6_str	BOBJ1	116.34	After	Left Exterior Girder	59.92	0.95	1	1	4.912338
SU6_str	BOBJ1	116.34	After	Right Exterior Girder	59.92	0.95	1	1	4.912338
SU6_str	BOBJ1	118.84	Before	Interior Girder 1	62.42	0.95	1	1	5.330103
SU6_str	BOBJ1	118.84	Before	Interior Girder 2	62.42	0.95	1	1	5.172522
SU6_str	BOBJ1	118.84	Before	Interior Girder 3	62.42	0.95	1	1	4.510052
SU6_str	BOBJ1	118.84	Before	Interior Girder 4	62.42	0.95	1	1	4.510052
SU6_str	BOBJ1	118.84	Before	Interior Girder 5	62.42	0.95	1	1	5.172522
SU6_str	BOBJ1	118.84	Before	Interior Girder 6	62.42	0.95	1	1	5.330103
SU6_str	BOBJ1	118.84	After	Interior Girder 1	62.42	0.95	1	1	4.755669
SU6_str	BOBJ1	118.84	After	Interior Girder 2	62.42	0.95	1	1	4.483983
SU6_str	BOBJ1	118.84	After	Interior Girder 3	62.42	0.95	1	1	3.68754
SU6_str	BOBJ1	118.84	After	Interior Girder 4	62.42	0.95	1	1	3.68754
SU6_str	BOBJ1	118.84	After	Interior Girder 5	62.42	0.95	1	1	4.483983
SU6_str	BOBJ1	118.84	After	Interior Girder 6	62.42	0.95	1	1	4.755669
SU6_str	BOBJ1	123.84	Before	Left Exterior Girder	67.42	0.95	1	1	6.79914
SU6_str	BOBJ1	123.84	Before	Interior Girder 1	67.42	0.95	1	1	4.681248
SU6_str	BOBJ1	123.84	Before	Interior Girder 2	67.42	0.95	1	1	4.414586
SU6_str	BOBJ1	123.84	Before	Interior Girder 3	67.42	0.95	1	1	3.629039
SU6_str	BOBJ1	123.84	Before	Interior Girder 4	67.42	0.95	1	1	3.629039
SU6_str	BOBJ1	123.84	Before	Interior Girder 5	67.42	0.95	1	1	4.414586
SU6_str	BOBJ1	123.84	Before	Interior Girder 6	67.42	0.95	1	1	4.681248
SU6_str	BOBJ1	123.84	Before	Right Exterior Girder	67.42	0.95	1	1	6.79914
SU6_str	BOBJ1	123.84	After	Left Exterior Girder	0	0.95	1	1	6.728729
SU6_str	BOBJ1	123.84	After	Interior Girder 1	0	0.95	1	1	4.667885
SU6_str	BOBJ1	123.84	After	Interior Girder 2	0	0.95	1	1	4.405247
SU6_str	BOBJ1	123.84	After	Interior Girder 3	0	0.95	1	1	3.624488
SU6_str	BOBJ1	123.84	After	Interior Girder 4	0	0.95	1	1	3.624488
SU6_str	BOBJ1	123.84	After	Interior Girder 5	0	0.95	1	1	4.405247
SU6_str	BOBJ1	123.84	After	Interior Girder 6	0	0.95	1	1	4.667885
SU6_str	BOBJ1	123.84	After	Right Exterior Girder	0	0.95	1	1	6.728729
SU6_str	BOBJ1	128.84	Before	Interior Girder 1	5	0.95	1	1	4.74216
SU6_str	BOBJ1	128.84	Before	Interior Girder 2	5	0.95	1	1	4.474541
SU6_str	BOBJ1	128.84	Before	Interior Girder 3	5	0.95	1	1	3.682949
SU6_str	BOBJ1	128.84	Before	Interior Girder 4	5	0.95	1	1	3.682949
SU6_str	BOBJ1	128.84	Before	Interior Girder 5	5	0.95	1	1	4.474541
SU6_str	BOBJ1	128.84	Before	Interior Girder 6	5	0.95	1	1	4.74216
SU6_str	BOBJ1	128.84	After	Interior Girder 1	5	0.95	1	1	5.308765
SU6_str	BOBJ1	128.84	After	Interior Girder 2	5	0.95	1	1	5.157247
SU6_str	BOBJ1	128.84	After	Interior Girder 3	5	0.95	1	1	4.501047
SU6_str	BOBJ1	128.84	After	Interior Girder 4	5	0.95	1	1	4.501047
SU6_str	BOBJ1	128.84	After	Interior Girder 5	5	0.95	1	1	5.157247
SU6_str	BOBJ1	128.84	After	Interior Girder 6	5	0.95	1	1	5.308765
SU6_str	BOBJ1	131.34	Before	Left Exterior Girder	7.5	0.95	1	1	4.85436
SU6_str	BOBJ1	131.34	Before	Right Exterior Girder	7.5	0.95	1	1	4.85436

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Approach, Span 7-11									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
SU6_str	BOBJ1	131.34	After	Left Exterior Girder	7.5	0.95	1	1	5.042422
SU6_str	BOBJ1	131.34	After	Right Exterior Girder	7.5	0.95	1	1	5.042422
SU6_str	BOBJ1	132.265	Before	Left Exterior Girder	8.425	0.95	1	1	5.053398
SU6_str	BOBJ1	132.265	Before	Interior Girder 1	8.425	0.95	1	1	6.827626
SU6_str	BOBJ1	132.265	Before	Interior Girder 2	8.425	0.95	1	1	5.20946
SU6_str	BOBJ1	132.265	Before	Interior Girder 3	8.425	0.95	1	1	4.547561
SU6_str	BOBJ1	132.265	Before	Interior Girder 4	8.425	0.95	1	1	4.547561
SU6_str	BOBJ1	132.265	Before	Interior Girder 5	8.425	0.95	1	1	5.20946
SU6_str	BOBJ1	132.265	Before	Interior Girder 6	8.425	0.95	1	1	6.827626
SU6_str	BOBJ1	132.265	Before	Right Exterior Girder	8.425	0.95	1	1	5.053398
SU6_str	BOBJ1	132.265	After	Left Exterior Girder	8.425	0.95	1	1	7.877927
SU6_str	BOBJ1	132.265	After	Interior Girder 1	8.425	0.95	1	1	7.348941
SU6_str	BOBJ1	132.265	After	Interior Girder 2	8.425	0.95	1	1	6.765165
SU6_str	BOBJ1	132.265	After	Interior Girder 3	8.425	0.95	1	1	6.230497
SU6_str	BOBJ1	132.265	After	Interior Girder 4	8.425	0.95	1	1	6.230497
SU6_str	BOBJ1	132.265	After	Interior Girder 5	8.425	0.95	1	1	6.765165
SU6_str	BOBJ1	132.265	After	Interior Girder 6	8.425	0.95	1	1	7.348941
SU6_str	BOBJ1	132.265	After	Right Exterior Girder	8.425	0.95	1	1	7.877927
SU6_str	BOBJ1	140.69	Before	Left Exterior Girder	16.85	0.95	1	1	8.022652
SU6_str	BOBJ1	140.69	Before	Interior Girder 1	16.85	0.95	1	1	7.531515
SU6_str	BOBJ1	140.69	Before	Interior Girder 2	16.85	0.95	1	1	6.931237
SU6_str	BOBJ1	140.69	Before	Interior Girder 3	16.85	0.95	1	1	6.385918
SU6_str	BOBJ1	140.69	Before	Interior Girder 4	16.85	0.95	1	1	6.385918
SU6_str	BOBJ1	140.69	Before	Interior Girder 5	16.85	0.95	1	1	6.931237
SU6_str	BOBJ1	140.69	Before	Interior Girder 6	16.85	0.95	1	1	7.531515
SU6_str	BOBJ1	140.69	Before	Right Exterior Girder	16.85	0.95	1	1	8.022652
SU6_str	BOBJ1	140.69	After	Left Exterior Girder	16.85	0.95	1	1	12.895264
SU6_str	BOBJ1	140.69	After	Interior Girder 1	16.85	0.95	1	1	8.246726
SU6_str	BOBJ1	140.69	After	Interior Girder 2	16.85	0.95	1	1	7.606807
SU6_str	BOBJ1	140.69	After	Interior Girder 3	16.85	0.95	1	1	6.847508
SU6_str	BOBJ1	140.69	After	Interior Girder 4	16.85	0.95	1	1	6.847508
SU6_str	BOBJ1	140.69	After	Interior Girder 5	16.85	0.95	1	1	7.606807
SU6_str	BOBJ1	140.69	After	Interior Girder 6	16.85	0.95	1	1	8.246726
SU6_str	BOBJ1	140.69	After	Right Exterior Girder	16.85	0.95	1	1	12.895264
SU6_str	BOBJ1	149.115	Before	Left Exterior Girder	25.275	0.95	1	1	13.119793
SU6_str	BOBJ1	149.115	Before	Interior Girder 1	25.275	0.95	1	1	8.444427
SU6_str	BOBJ1	149.115	Before	Interior Girder 2	25.275	0.95	1	1	7.788759
SU6_str	BOBJ1	149.115	Before	Interior Girder 3	25.275	0.95	1	1	7.011137
SU6_str	BOBJ1	149.115	Before	Interior Girder 4	25.275	0.95	1	1	7.011137
SU6_str	BOBJ1	149.115	Before	Interior Girder 5	25.275	0.95	1	1	7.788759
SU6_str	BOBJ1	149.115	Before	Interior Girder 6	25.275	0.95	1	1	8.444427
SU6_str	BOBJ1	149.115	Before	Right Exterior Girder	25.275	0.95	1	1	13.119793
SU6_str	BOBJ1	149.115	After	Left Exterior Girder	25.275	0.95	1	1	16.644149
SU6_str	BOBJ1	149.115	After	Interior Girder 1	25.275	0.95	1	1	13.085916
SU6_str	BOBJ1	149.115	After	Interior Girder 2	25.275	0.95	1	1	11.786746
SU6_str	BOBJ1	149.115	After	Interior Girder 3	25.275	0.95	1	1	10.467122
SU6_str	BOBJ1	149.115	After	Interior Girder 4	25.275	0.95	1	1	10.467122
SU6_str	BOBJ1	149.115	After	Interior Girder 5	25.275	0.95	1	1	11.786746
SU6_str	BOBJ1	149.115	After	Interior Girder 6	25.275	0.95	1	1	13.085916
SU6_str	BOBJ1	149.115	After	Right Exterior Girder	25.275	0.95	1	1	16.644149
SU6_str	BOBJ1	157.54	Before	Left Exterior Girder	33.7	0.95	1	1	16.919722
SU6_str	BOBJ1	157.54	Before	Interior Girder 1	33.7	0.95	1	1	13.39018
SU6_str	BOBJ1	157.54	Before	Interior Girder 2	33.7	0.95	1	1	12.059591
SU6_str	BOBJ1	157.54	Before	Interior Girder 3	33.7	0.95	1	1	10.237698
SU6_str	BOBJ1	157.54	Before	Interior Girder 4	33.7	0.95	1	1	10.237698
SU6_str	BOBJ1	157.54	Before	Interior Girder 5	33.7	0.95	1	1	12.059591
SU6_str	BOBJ1	157.54	Before	Interior Girder 6	33.7	0.95	1	1	13.39018
SU6_str	BOBJ1	157.54	Before	Right Exterior Girder	33.7	0.95	1	1	16.919722
SU6_str	BOBJ1	157.54	After	Left Exterior Girder	33.7	0.95	1	1	16.944934
SU6_str	BOBJ1	157.54	After	Interior Girder 1	33.7	0.95	1	1	13.399184
SU6_str	BOBJ1	157.54	After	Interior Girder 2	33.7	0.95	1	1	12.067442
SU6_str	BOBJ1	157.54	After	Interior Girder 3	33.7	0.95	1	1	10.232291
SU6_str	BOBJ1	157.54	After	Interior Girder 4	33.7	0.95	1	1	10.232291
SU6_str	BOBJ1	157.54	After	Interior Girder 5	33.7	0.95	1	1	12.067442
SU6_str	BOBJ1	157.54	After	Interior Girder 6	33.7	0.95	1	1	13.399184

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Approach, Span 7-11									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
SU6_str	BOBJ1	157.54	After	Right Exterior Girder	33.7	0.95	1	1	16.944934
SU6_str	BOBJ1	165.965	Before	Left Exterior Girder	42.125	0.95	1	1	16.66897
SU6_str	BOBJ1	165.965	Before	Interior Girder 1	42.125	0.95	1	1	13.094723
SU6_str	BOBJ1	165.965	Before	Interior Girder 2	42.125	0.95	1	1	11.794425
SU6_str	BOBJ1	165.965	Before	Interior Girder 3	42.125	0.95	1	1	10.461603
SU6_str	BOBJ1	165.965	Before	Interior Girder 4	42.125	0.95	1	1	10.461603
SU6_str	BOBJ1	165.965	Before	Interior Girder 5	42.125	0.95	1	1	11.794425
SU6_str	BOBJ1	165.965	Before	Interior Girder 6	42.125	0.95	1	1	13.094723
SU6_str	BOBJ1	165.965	Before	Right Exterior Girder	42.125	0.95	1	1	16.66897
SU6_str	BOBJ1	165.965	After	Left Exterior Girder	42.125	0.95	1	1	13.134008
SU6_str	BOBJ1	165.965	After	Interior Girder 1	42.125	0.95	1	1	8.448178
SU6_str	BOBJ1	165.965	After	Interior Girder 2	42.125	0.95	1	1	7.792136
SU6_str	BOBJ1	165.965	After	Interior Girder 3	42.125	0.95	1	1	7.014135
SU6_str	BOBJ1	165.965	After	Interior Girder 4	42.125	0.95	1	1	7.014135
SU6_str	BOBJ1	165.965	After	Interior Girder 5	42.125	0.95	1	1	7.792136
SU6_str	BOBJ1	165.965	After	Interior Girder 6	42.125	0.95	1	1	8.448178
SU6_str	BOBJ1	165.965	After	Right Exterior Girder	42.125	0.95	1	1	13.134008
SU6_str	BOBJ1	174.39	Before	Left Exterior Girder	50.55	0.95	1	1	12.909253
SU6_str	BOBJ1	174.39	Before	Interior Girder 1	50.55	0.95	1	1	8.250393
SU6_str	BOBJ1	174.39	Before	Interior Girder 2	50.55	0.95	1	1	7.610108
SU6_str	BOBJ1	174.39	Before	Interior Girder 3	50.55	0.95	1	1	6.850444
SU6_str	BOBJ1	174.39	Before	Interior Girder 4	50.55	0.95	1	1	6.850444
SU6_str	BOBJ1	174.39	Before	Interior Girder 5	50.55	0.95	1	1	7.610108
SU6_str	BOBJ1	174.39	Before	Interior Girder 6	50.55	0.95	1	1	8.250393
SU6_str	BOBJ1	174.39	Before	Right Exterior Girder	50.55	0.95	1	1	12.909253
SU6_str	BOBJ1	174.39	After	Left Exterior Girder	50.55	0.95	1	1	8.029295
SU6_str	BOBJ1	174.39	After	Interior Girder 1	50.55	0.95	1	1	7.533964
SU6_str	BOBJ1	174.39	After	Interior Girder 2	50.55	0.95	1	1	6.932111
SU6_str	BOBJ1	174.39	After	Interior Girder 3	50.55	0.95	1	1	6.391579
SU6_str	BOBJ1	174.39	After	Interior Girder 4	50.55	0.95	1	1	6.391579
SU6_str	BOBJ1	174.39	After	Interior Girder 5	50.55	0.95	1	1	6.932111
SU6_str	BOBJ1	174.39	After	Interior Girder 6	50.55	0.95	1	1	7.533964
SU6_str	BOBJ1	174.39	After	Right Exterior Girder	50.55	0.95	1	1	8.029295
SU6_str	BOBJ1	182.825	Before	Left Exterior Girder	58.985	0.95	1	1	7.884295
SU6_str	BOBJ1	182.825	Before	Interior Girder 1	58.985	0.95	1	1	7.351106
SU6_str	BOBJ1	182.825	Before	Interior Girder 2	58.985	0.95	1	1	6.765814
SU6_str	BOBJ1	182.825	Before	Interior Girder 3	58.985	0.95	1	1	6.235854
SU6_str	BOBJ1	182.825	Before	Interior Girder 4	58.985	0.95	1	1	6.235854
SU6_str	BOBJ1	182.825	Before	Interior Girder 5	58.985	0.95	1	1	6.765814
SU6_str	BOBJ1	182.825	Before	Interior Girder 6	58.985	0.95	1	1	7.351106
SU6_str	BOBJ1	182.825	Before	Right Exterior Girder	58.985	0.95	1	1	7.884295
SU6_str	BOBJ1	182.825	After	Left Exterior Girder	58.985	0.95	1	1	5.071732
SU6_str	BOBJ1	182.825	After	Interior Girder 1	58.985	0.95	1	1	6.811555
SU6_str	BOBJ1	182.825	After	Interior Girder 2	58.985	0.95	1	1	5.207875
SU6_str	BOBJ1	182.825	After	Interior Girder 3	58.985	0.95	1	1	4.549138
SU6_str	BOBJ1	182.825	After	Interior Girder 4	58.985	0.95	1	1	4.549138
SU6_str	BOBJ1	182.825	After	Interior Girder 5	58.985	0.95	1	1	5.207875
SU6_str	BOBJ1	182.825	After	Interior Girder 6	58.985	0.95	1	1	6.811555
SU6_str	BOBJ1	182.825	After	Right Exterior Girder	58.985	0.95	1	1	5.071732
SU6_str	BOBJ1	183.76	Before	Left Exterior Girder	59.92	0.95	1	1	5.060603
SU6_str	BOBJ1	183.76	Before	Right Exterior Girder	59.92	0.95	1	1	5.060603
SU6_str	BOBJ1	183.76	After	Left Exterior Girder	59.92	0.95	1	1	4.87116
SU6_str	BOBJ1	183.76	After	Right Exterior Girder	59.92	0.95	1	1	4.87116
SU6_str	BOBJ1	186.26	Before	Interior Girder 1	62.42	0.95	1	1	5.307842
SU6_str	BOBJ1	186.26	Before	Interior Girder 2	62.42	0.95	1	1	5.15552
SU6_str	BOBJ1	186.26	Before	Interior Girder 3	62.42	0.95	1	1	4.502477
SU6_str	BOBJ1	186.26	Before	Interior Girder 4	62.42	0.95	1	1	4.502477
SU6_str	BOBJ1	186.26	Before	Interior Girder 5	62.42	0.95	1	1	5.15552
SU6_str	BOBJ1	186.26	Before	Interior Girder 6	62.42	0.95	1	1	5.307842
SU6_str	BOBJ1	186.26	After	Interior Girder 1	62.42	0.95	1	1	4.739792
SU6_str	BOBJ1	186.26	After	Interior Girder 2	62.42	0.95	1	1	4.471884
SU6_str	BOBJ1	186.26	After	Interior Girder 3	62.42	0.95	1	1	3.682614
SU6_str	BOBJ1	186.26	After	Interior Girder 4	62.42	0.95	1	1	3.682614
SU6_str	BOBJ1	186.26	After	Interior Girder 5	62.42	0.95	1	1	4.471884
SU6_str	BOBJ1	186.26	After	Interior Girder 6	62.42	0.95	1	1	4.739792

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Approach, Span 7-11									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
SU6_str	BOBJ1	191.26	Before	Left Exterior Girder	67.42	0.95	1	1	6.732737
SU6_str	BOBJ1	191.26	Before	Interior Girder 1	67.42	0.95	1	1	4.665545
SU6_str	BOBJ1	191.26	Before	Interior Girder 2	67.42	0.95	1	1	4.402622
SU6_str	BOBJ1	191.26	Before	Interior Girder 3	67.42	0.95	1	1	3.624161
SU6_str	BOBJ1	191.26	Before	Interior Girder 4	67.42	0.95	1	1	3.624161
SU6_str	BOBJ1	191.26	Before	Interior Girder 5	67.42	0.95	1	1	4.402622
SU6_str	BOBJ1	191.26	Before	Interior Girder 6	67.42	0.95	1	1	4.665545
SU6_str	BOBJ1	191.26	Before	Right Exterior Girder	67.42	0.95	1	1	6.732737
SU6_str	BOBJ1	191.26	After	Left Exterior Girder	0	0.95	1	1	6.793094
SU6_str	BOBJ1	191.26	After	Interior Girder 1	0	0.95	1	1	4.68279
SU6_str	BOBJ1	191.26	After	Interior Girder 2	0	0.95	1	1	4.416677
SU6_str	BOBJ1	191.26	After	Interior Girder 3	0	0.95	1	1	3.628953
SU6_str	BOBJ1	191.26	After	Interior Girder 4	0	0.95	1	1	3.628953
SU6_str	BOBJ1	191.26	After	Interior Girder 5	0	0.95	1	1	4.416677
SU6_str	BOBJ1	191.26	After	Interior Girder 6	0	0.95	1	1	4.68279
SU6_str	BOBJ1	191.26	After	Right Exterior Girder	0	0.95	1	1	6.793094
SU6_str	BOBJ1	196.26	Before	Interior Girder 1	5	0.95	1	1	4.757239
SU6_str	BOBJ1	196.26	Before	Interior Girder 2	5	0.95	1	1	4.486106
SU6_str	BOBJ1	196.26	Before	Interior Girder 3	5	0.95	1	1	3.687461
SU6_str	BOBJ1	196.26	Before	Interior Girder 4	5	0.95	1	1	3.687461
SU6_str	BOBJ1	196.26	Before	Interior Girder 5	5	0.95	1	1	4.486106
SU6_str	BOBJ1	196.26	Before	Interior Girder 6	5	0.95	1	1	4.757239
SU6_str	BOBJ1	196.26	After	Interior Girder 1	5	0.95	1	1	5.330124
SU6_str	BOBJ1	196.26	After	Interior Girder 2	5	0.95	1	1	5.173618
SU6_str	BOBJ1	196.26	After	Interior Girder 3	5	0.95	1	1	4.508123
SU6_str	BOBJ1	196.26	After	Interior Girder 4	5	0.95	1	1	4.508123
SU6_str	BOBJ1	196.26	After	Interior Girder 5	5	0.95	1	1	5.173618
SU6_str	BOBJ1	196.26	After	Interior Girder 6	5	0.95	1	1	5.330124
SU6_str	BOBJ1	198.76	Before	Left Exterior Girder	7.5	0.95	1	1	4.893299
SU6_str	BOBJ1	198.76	Before	Right Exterior Girder	7.5	0.95	1	1	4.893299
SU6_str	BOBJ1	198.76	After	Left Exterior Girder	7.5	0.95	1	1	5.082761
SU6_str	BOBJ1	198.76	After	Right Exterior Girder	7.5	0.95	1	1	5.082761
SU6_str	BOBJ1	199.685	Before	Left Exterior Girder	8.425	0.95	1	1	5.09382
SU6_str	BOBJ1	199.685	Before	Interior Girder 1	8.425	0.95	1	1	6.854614
SU6_str	BOBJ1	199.685	Before	Interior Girder 2	8.425	0.95	1	1	5.225963
SU6_str	BOBJ1	199.685	Before	Interior Girder 3	8.425	0.95	1	1	4.554691
SU6_str	BOBJ1	199.685	Before	Interior Girder 4	8.425	0.95	1	1	4.554691
SU6_str	BOBJ1	199.685	Before	Interior Girder 5	8.425	0.95	1	1	5.225963
SU6_str	BOBJ1	199.685	Before	Interior Girder 6	8.425	0.95	1	1	6.854614
SU6_str	BOBJ1	199.685	Before	Right Exterior Girder	8.425	0.95	1	1	5.09382
SU6_str	BOBJ1	199.685	After	Left Exterior Girder	8.425	0.95	1	1	7.965276
SU6_str	BOBJ1	199.685	After	Interior Girder 1	8.425	0.95	1	1	7.398013
SU6_str	BOBJ1	199.685	After	Interior Girder 2	8.425	0.95	1	1	6.795327
SU6_str	BOBJ1	199.685	After	Interior Girder 3	8.425	0.95	1	1	6.252299
SU6_str	BOBJ1	199.685	After	Interior Girder 4	8.425	0.95	1	1	6.252299
SU6_str	BOBJ1	199.685	After	Interior Girder 5	8.425	0.95	1	1	6.795327
SU6_str	BOBJ1	199.685	After	Interior Girder 6	8.425	0.95	1	1	7.398013
SU6_str	BOBJ1	199.685	After	Right Exterior Girder	8.425	0.95	1	1	7.965276
SU6_str	BOBJ1	208.11	Before	Left Exterior Girder	16.85	0.95	1	1	8.11151
SU6_str	BOBJ1	208.11	Before	Interior Girder 1	16.85	0.95	1	1	7.581653
SU6_str	BOBJ1	208.11	Before	Interior Girder 2	16.85	0.95	1	1	6.962034
SU6_str	BOBJ1	208.11	Before	Interior Girder 3	16.85	0.95	1	1	6.408203
SU6_str	BOBJ1	208.11	Before	Interior Girder 4	16.85	0.95	1	1	6.408203
SU6_str	BOBJ1	208.11	Before	Interior Girder 5	16.85	0.95	1	1	6.962034
SU6_str	BOBJ1	208.11	Before	Interior Girder 6	16.85	0.95	1	1	7.581653
SU6_str	BOBJ1	208.11	Before	Right Exterior Girder	16.85	0.95	1	1	8.11151
SU6_str	BOBJ1	208.11	After	Left Exterior Girder	16.85	0.95	1	1	13.073589
SU6_str	BOBJ1	208.11	After	Interior Girder 1	16.85	0.95	1	1	8.316476
SU6_str	BOBJ1	208.11	After	Interior Girder 2	16.85	0.95	1	1	7.650418
SU6_str	BOBJ1	208.11	After	Interior Girder 3	16.85	0.95	1	1	6.865113
SU6_str	BOBJ1	208.11	After	Interior Girder 4	16.85	0.95	1	1	6.865113
SU6_str	BOBJ1	208.11	After	Interior Girder 5	16.85	0.95	1	1	7.650418
SU6_str	BOBJ1	208.11	After	Interior Girder 6	16.85	0.95	1	1	8.316476
SU6_str	BOBJ1	208.11	After	Right Exterior Girder	16.85	0.95	1	1	13.073589
SU6_str	BOBJ1	216.535	Before	Left Exterior Girder	25.275	0.95	1	1	13.301022

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Approach, Span 7-11									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
SU6_str	BOBJ1	216.535	Before	Interior Girder 1	25.275	0.95	1	1	8.515686
SU6_str	BOBJ1	216.535	Before	Interior Girder 2	25.275	0.95	1	1	7.833321
SU6_str	BOBJ1	216.535	Before	Interior Girder 3	25.275	0.95	1	1	7.029127
SU6_str	BOBJ1	216.535	Before	Interior Girder 4	25.275	0.95	1	1	7.029127
SU6_str	BOBJ1	216.535	Before	Interior Girder 5	25.275	0.95	1	1	7.833321
SU6_str	BOBJ1	216.535	Before	Interior Girder 6	25.275	0.95	1	1	8.515686
SU6_str	BOBJ1	216.535	Before	Right Exterior Girder	25.275	0.95	1	1	13.301022
SU6_str	BOBJ1	216.535	After	Left Exterior Girder	25.275	0.95	1	1	17.033337
SU6_str	BOBJ1	216.535	After	Interior Girder 1	25.275	0.95	1	1	13.267179
SU6_str	BOBJ1	216.535	After	Interior Girder 2	25.275	0.95	1	1	11.889208
SU6_str	BOBJ1	216.535	After	Interior Girder 3	25.275	0.95	1	1	10.43482
SU6_str	BOBJ1	216.535	After	Interior Girder 4	25.275	0.95	1	1	10.43482
SU6_str	BOBJ1	216.535	After	Interior Girder 5	25.275	0.95	1	1	11.889208
SU6_str	BOBJ1	216.535	After	Interior Girder 6	25.275	0.95	1	1	13.267179
SU6_str	BOBJ1	216.535	After	Right Exterior Girder	25.275	0.95	1	1	17.033337
SU6_str	BOBJ1	224.96	Before	Left Exterior Girder	33.7	0.95	1	1	17.315111
SU6_str	BOBJ1	224.96	Before	Interior Girder 1	33.7	0.95	1	1	13.575411
SU6_str	BOBJ1	224.96	Before	Interior Girder 2	33.7	0.95	1	1	12.062624
SU6_str	BOBJ1	224.96	Before	Interior Girder 3	33.7	0.95	1	1	10.206062
SU6_str	BOBJ1	224.96	Before	Interior Girder 4	33.7	0.95	1	1	10.206062
SU6_str	BOBJ1	224.96	Before	Interior Girder 5	33.7	0.95	1	1	12.062624
SU6_str	BOBJ1	224.96	Before	Interior Girder 6	33.7	0.95	1	1	13.575411
SU6_str	BOBJ1	224.96	Before	Right Exterior Girder	33.7	0.95	1	1	17.315111
SU6_str	BOBJ1	224.96	After	Left Exterior Girder	33.7	0.95	1	1	16.549144
SU6_str	BOBJ1	224.96	After	Interior Girder 1	33.7	0.95	1	1	13.272973
SU6_str	BOBJ1	224.96	After	Interior Girder 2	33.7	0.95	1	1	11.975692
SU6_str	BOBJ1	224.96	After	Interior Girder 3	33.7	0.95	1	1	10.297809
SU6_str	BOBJ1	224.96	After	Interior Girder 4	33.7	0.95	1	1	10.297809
SU6_str	BOBJ1	224.96	After	Interior Girder 5	33.7	0.95	1	1	11.975692
SU6_str	BOBJ1	224.96	After	Interior Girder 6	33.7	0.95	1	1	13.272973
SU6_str	BOBJ1	224.96	After	Right Exterior Girder	33.7	0.95	1	1	16.549144
SU6_str	BOBJ1	233.385	Before	Left Exterior Girder	42.125	0.95	1	1	16.279177
SU6_str	BOBJ1	233.385	Before	Interior Girder 1	42.125	0.95	1	1	12.971297
SU6_str	BOBJ1	233.385	Before	Interior Girder 2	42.125	0.95	1	1	11.704736
SU6_str	BOBJ1	233.385	Before	Interior Girder 3	42.125	0.95	1	1	10.528522
SU6_str	BOBJ1	233.385	Before	Interior Girder 4	42.125	0.95	1	1	10.528522
SU6_str	BOBJ1	233.385	Before	Interior Girder 5	42.125	0.95	1	1	11.704736
SU6_str	BOBJ1	233.385	Before	Interior Girder 6	42.125	0.95	1	1	12.971297
SU6_str	BOBJ1	233.385	Before	Right Exterior Girder	42.125	0.95	1	1	16.279177
SU6_str	BOBJ1	233.385	After	Left Exterior Girder	42.125	0.95	1	1	12.895123
SU6_str	BOBJ1	233.385	After	Interior Girder 1	42.125	0.95	1	1	8.388716
SU6_str	BOBJ1	233.385	After	Interior Girder 2	42.125	0.95	1	1	7.749953
SU6_str	BOBJ1	233.385	After	Interior Girder 3	42.125	0.95	1	1	6.98183
SU6_str	BOBJ1	233.385	After	Interior Girder 4	42.125	0.95	1	1	6.98183
SU6_str	BOBJ1	233.385	After	Interior Girder 5	42.125	0.95	1	1	7.749953
SU6_str	BOBJ1	233.385	After	Interior Girder 6	42.125	0.95	1	1	8.388716
SU6_str	BOBJ1	233.385	After	Right Exterior Girder	42.125	0.95	1	1	12.895123
SU6_str	BOBJ1	241.81	Before	Left Exterior Girder	50.55	0.95	1	1	12.674052
SU6_str	BOBJ1	241.81	Before	Interior Girder 1	50.55	0.95	1	1	8.192283
SU6_str	BOBJ1	241.81	Before	Interior Girder 2	50.55	0.95	1	1	7.568907
SU6_str	BOBJ1	241.81	Before	Interior Girder 3	50.55	0.95	1	1	6.818839
SU6_str	BOBJ1	241.81	Before	Interior Girder 4	50.55	0.95	1	1	6.818839
SU6_str	BOBJ1	241.81	Before	Interior Girder 5	50.55	0.95	1	1	7.568907
SU6_str	BOBJ1	241.81	Before	Interior Girder 6	50.55	0.95	1	1	8.192283
SU6_str	BOBJ1	241.81	Before	Right Exterior Girder	50.55	0.95	1	1	12.674052
SU6_str	BOBJ1	241.81	After	Left Exterior Girder	50.55	0.95	1	1	8.227759
SU6_str	BOBJ1	241.81	After	Interior Girder 1	50.55	0.95	1	1	7.894772
SU6_str	BOBJ1	241.81	After	Interior Girder 2	50.55	0.95	1	1	7.196487
SU6_str	BOBJ1	241.81	After	Interior Girder 3	50.55	0.95	1	1	6.560254
SU6_str	BOBJ1	241.81	After	Interior Girder 4	50.55	0.95	1	1	6.560254
SU6_str	BOBJ1	241.81	After	Interior Girder 5	50.55	0.95	1	1	7.196487
SU6_str	BOBJ1	241.81	After	Interior Girder 6	50.55	0.95	1	1	7.894772
SU6_str	BOBJ1	241.81	After	Right Exterior Girder	50.55	0.95	1	1	8.227759
SU6_str	BOBJ1	245.18	Before	Left Exterior Girder	53.92	0.95	1	1	8.168797
SU6_str	BOBJ1	245.18	Before	Interior Girder 1	53.92	0.95	1	1	7.818508

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Approach, Span 7-11									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
SU6_str	BOBJ1	245.18	Before	Interior Girder 2	53.92	0.95	1	1	7.127706
SU6_str	BOBJ1	245.18	Before	Interior Girder 3	53.92	0.95	1	1	6.496553
SU6_str	BOBJ1	245.18	Before	Interior Girder 4	53.92	0.95	1	1	6.496553
SU6_str	BOBJ1	245.18	Before	Interior Girder 5	53.92	0.95	1	1	7.127706
SU6_str	BOBJ1	245.18	Before	Interior Girder 6	53.92	0.95	1	1	7.818508
SU6_str	BOBJ1	245.18	Before	Right Exterior Girder	53.92	0.95	1	1	8.168797
SU6_str	BOBJ1	245.18	After	Left Exterior Girder	53.92	0.95	1	1	8.509487
SU6_str	BOBJ1	245.18	After	Interior Girder 1	53.92	0.95	1	1	7.127259
SU6_str	BOBJ1	245.18	After	Interior Girder 2	53.92	0.95	1	1	6.519259
SU6_str	BOBJ1	245.18	After	Interior Girder 3	53.92	0.95	1	1	5.883839
SU6_str	BOBJ1	245.18	After	Interior Girder 4	53.92	0.95	1	1	5.883839
SU6_str	BOBJ1	245.18	After	Interior Girder 5	53.92	0.95	1	1	6.519259
SU6_str	BOBJ1	245.18	After	Interior Girder 6	53.92	0.95	1	1	7.127259
SU6_str	BOBJ1	245.18	After	Right Exterior Girder	53.92	0.95	1	1	8.509487
SU6_str	BOBJ1	250.245	Before	Left Exterior Girder	58.985	0.95	1	1	8.423409
SU6_str	BOBJ1	250.245	Before	Interior Girder 1	58.985	0.95	1	1	7.026216
SU6_str	BOBJ1	250.245	Before	Interior Girder 2	58.985	0.95	1	1	6.42775
SU6_str	BOBJ1	250.245	Before	Interior Girder 3	58.985	0.95	1	1	5.799856
SU6_str	BOBJ1	250.245	Before	Interior Girder 4	58.985	0.95	1	1	5.799856
SU6_str	BOBJ1	250.245	Before	Interior Girder 5	58.985	0.95	1	1	6.42775
SU6_str	BOBJ1	250.245	Before	Interior Girder 6	58.985	0.95	1	1	7.026216
SU6_str	BOBJ1	250.245	Before	Right Exterior Girder	58.985	0.95	1	1	8.423409
SU6_str	BOBJ1	250.245	After	Left Exterior Girder	58.985	0.95	1	1	6.823622
SU6_str	BOBJ1	250.245	After	Interior Girder 1	58.985	0.95	1	1	6.33082
SU6_str	BOBJ1	250.245	After	Interior Girder 2	58.985	0.95	1	1	5.433685
SU6_str	BOBJ1	250.245	After	Interior Girder 3	58.985	0.95	1	1	4.767968
SU6_str	BOBJ1	250.245	After	Interior Girder 4	58.985	0.95	1	1	4.767968
SU6_str	BOBJ1	250.245	After	Interior Girder 5	58.985	0.95	1	1	5.433685
SU6_str	BOBJ1	250.245	After	Interior Girder 6	58.985	0.95	1	1	6.33082
SU6_str	BOBJ1	250.245	After	Right Exterior Girder	58.985	0.95	1	1	6.823622
SU6_str	BOBJ1	251.68	Before	Left Exterior Girder	60.42	0.95	1	1	6.80324
SU6_str	BOBJ1	251.68	Before	Right Exterior Girder	60.42	0.95	1	1	6.80324
SU6_str	BOBJ1	251.68	After	Left Exterior Girder	60.42	0.95	1	1	6.640462
SU6_str	BOBJ1	251.68	After	Right Exterior Girder	60.42	0.95	1	1	6.640462
SU6_str	BOBJ1	254.18	Before	Interior Girder 1	62.92	0.95	1	1	5.549329
SU6_str	BOBJ1	254.18	Before	Interior Girder 2	62.92	0.95	1	1	5.373383
SU6_str	BOBJ1	254.18	Before	Interior Girder 3	62.92	0.95	1	1	4.713996
SU6_str	BOBJ1	254.18	Before	Interior Girder 4	62.92	0.95	1	1	4.713996
SU6_str	BOBJ1	254.18	Before	Interior Girder 5	62.92	0.95	1	1	5.373383
SU6_str	BOBJ1	254.18	Before	Interior Girder 6	62.92	0.95	1	1	5.549329
SU6_str	BOBJ1	254.18	After	Interior Girder 1	62.92	0.95	1	1	4.952661
SU6_str	BOBJ1	254.18	After	Interior Girder 2	62.92	0.95	1	1	4.664472
SU6_str	BOBJ1	254.18	After	Interior Girder 3	62.92	0.95	1	1	3.85274
SU6_str	BOBJ1	254.18	After	Interior Girder 4	62.92	0.95	1	1	3.85274
SU6_str	BOBJ1	254.18	After	Interior Girder 5	62.92	0.95	1	1	4.664472
SU6_str	BOBJ1	254.18	After	Interior Girder 6	62.92	0.95	1	1	4.952661
SU6_str	BOBJ1	258.68	Before	Left Exterior Girder	67.42	0.95	1	1	7.547187
SU6_str	BOBJ1	258.68	Before	Interior Girder 1	67.42	0.95	1	1	4.886823
SU6_str	BOBJ1	258.68	Before	Interior Girder 2	67.42	0.95	1	1	4.603068
SU6_str	BOBJ1	258.68	Before	Interior Girder 3	67.42	0.95	1	1	3.800766
SU6_str	BOBJ1	258.68	Before	Interior Girder 4	67.42	0.95	1	1	3.800766
SU6_str	BOBJ1	258.68	Before	Interior Girder 5	67.42	0.95	1	1	4.603068
SU6_str	BOBJ1	258.68	Before	Interior Girder 6	67.42	0.95	1	1	4.886823
SU6_str	BOBJ1	258.68	Before	Right Exterior Girder	67.42	0.95	1	1	7.547187
SU6_str	BOBJ1	258.68	After	Left Exterior Girder	0	0.95	1	1	7.964953
SU6_str	BOBJ1	258.68	After	Interior Girder 1	0	0.95	1	1	4.791833
SU6_str	BOBJ1	258.68	After	Interior Girder 2	0	0.95	1	1	4.50989
SU6_str	BOBJ1	258.68	After	Interior Girder 3	0	0.95	1	1	3.691931
SU6_str	BOBJ1	258.68	After	Interior Girder 4	0	0.95	1	1	3.691931
SU6_str	BOBJ1	258.68	After	Interior Girder 5	0	0.95	1	1	4.50989
SU6_str	BOBJ1	258.68	After	Interior Girder 6	0	0.95	1	1	4.791833
SU6_str	BOBJ1	258.68	After	Right Exterior Girder	0	0.95	1	1	7.964953
SU6_str	BOBJ1	263.18	Before	Interior Girder 1	4.5	0.95	1	1	4.856758
SU6_str	BOBJ1	263.18	Before	Interior Girder 2	4.5	0.95	1	1	4.570409
SU6_str	BOBJ1	263.18	Before	Interior Girder 3	4.5	0.95	1	1	3.74264

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Approach, Span 7-11									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
SU6_str	BOBJ1	263.18	Before	Interior Girder 4	4.5	0.95	1	1	3.74264
SU6_str	BOBJ1	263.18	Before	Interior Girder 5	4.5	0.95	1	1	4.570409
SU6_str	BOBJ1	263.18	Before	Interior Girder 6	4.5	0.95	1	1	4.856758
SU6_str	BOBJ1	263.18	After	Interior Girder 1	4.5	0.95	1	1	5.54953
SU6_str	BOBJ1	263.18	After	Interior Girder 2	4.5	0.95	1	1	5.358007
SU6_str	BOBJ1	263.18	After	Interior Girder 3	4.5	0.95	1	1	4.627915
SU6_str	BOBJ1	263.18	After	Interior Girder 4	4.5	0.95	1	1	4.627915
SU6_str	BOBJ1	263.18	After	Interior Girder 5	4.5	0.95	1	1	5.358007
SU6_str	BOBJ1	263.18	After	Interior Girder 6	4.5	0.95	1	1	5.54953
SU6_str	BOBJ1	265.68	Before	Left Exterior Girder	7	0.95	1	1	7.18801
SU6_str	BOBJ1	265.68	Before	Right Exterior Girder	7	0.95	1	1	7.18801
SU6_str	BOBJ1	265.68	After	Left Exterior Girder	7	0.95	1	1	7.5741
SU6_str	BOBJ1	265.68	After	Right Exterior Girder	7	0.95	1	1	7.5741
SU6_str	BOBJ1	268.08	Before	Left Exterior Girder	9.4	0.95	1	1	7.612144
SU6_str	BOBJ1	268.08	Before	Interior Girder 1	9.4	0.95	1	1	6.107695
SU6_str	BOBJ1	268.08	Before	Interior Girder 2	9.4	0.95	1	1	5.433298
SU6_str	BOBJ1	268.08	Before	Interior Girder 3	9.4	0.95	1	1	4.694132
SU6_str	BOBJ1	268.08	Before	Interior Girder 4	9.4	0.95	1	1	4.694132
SU6_str	BOBJ1	268.08	Before	Interior Girder 5	9.4	0.95	1	1	5.433298
SU6_str	BOBJ1	268.08	Before	Interior Girder 6	9.4	0.95	1	1	6.107695
SU6_str	BOBJ1	268.08	Before	Right Exterior Girder	9.4	0.95	1	1	7.612144
SU6_str	BOBJ1	268.08	After	Left Exterior Girder	9.4	0.95	1	1	9.448195
SU6_str	BOBJ1	268.08	After	Interior Girder 1	9.4	0.95	1	1	8.233257
SU6_str	BOBJ1	268.08	After	Interior Girder 2	9.4	0.95	1	1	7.396077
SU6_str	BOBJ1	268.08	After	Interior Girder 3	9.4	0.95	1	1	6.856771
SU6_str	BOBJ1	268.08	After	Interior Girder 4	9.4	0.95	1	1	6.856771
SU6_str	BOBJ1	268.08	After	Interior Girder 5	9.4	0.95	1	1	7.396077
SU6_str	BOBJ1	268.08	After	Interior Girder 6	9.4	0.95	1	1	8.233257
SU6_str	BOBJ1	268.08	After	Right Exterior Girder	9.4	0.95	1	1	9.448195
SU6_str	BOBJ1	277.48	Before	Left Exterior Girder	18.8	0.95	1	1	9.62619
SU6_str	BOBJ1	277.48	Before	Interior Girder 1	18.8	0.95	1	1	8.453172
SU6_str	BOBJ1	277.48	Before	Interior Girder 2	18.8	0.95	1	1	7.591624
SU6_str	BOBJ1	277.48	Before	Interior Girder 3	18.8	0.95	1	1	7.040528
SU6_str	BOBJ1	277.48	Before	Interior Girder 4	18.8	0.95	1	1	7.040528
SU6_str	BOBJ1	277.48	Before	Interior Girder 5	18.8	0.95	1	1	7.591624
SU6_str	BOBJ1	277.48	Before	Interior Girder 6	18.8	0.95	1	1	8.453172
SU6_str	BOBJ1	277.48	Before	Right Exterior Girder	18.8	0.95	1	1	9.62619
SU6_str	BOBJ1	277.48	After	Left Exterior Girder	18.8	0.95	1	1	17.112704
SU6_str	BOBJ1	277.48	After	Interior Girder 1	18.8	0.95	1	1	9.509557
SU6_str	BOBJ1	277.48	After	Interior Girder 2	18.8	0.95	1	1	8.655998
SU6_str	BOBJ1	277.48	After	Interior Girder 3	18.8	0.95	1	1	7.51918
SU6_str	BOBJ1	277.48	After	Interior Girder 4	18.8	0.95	1	1	7.51918
SU6_str	BOBJ1	277.48	After	Interior Girder 5	18.8	0.95	1	1	8.655998
SU6_str	BOBJ1	277.48	After	Interior Girder 6	18.8	0.95	1	1	9.509557
SU6_str	BOBJ1	277.48	After	Right Exterior Girder	18.8	0.95	1	1	17.112704
SU6_str	BOBJ1	286.88	Before	Left Exterior Girder	28.2	0.95	1	1	17.418465
SU6_str	BOBJ1	286.88	Before	Interior Girder 1	28.2	0.95	1	1	9.754006
SU6_str	BOBJ1	286.88	Before	Interior Girder 2	28.2	0.95	1	1	8.878207
SU6_str	BOBJ1	286.88	Before	Interior Girder 3	28.2	0.95	1	1	7.711974
SU6_str	BOBJ1	286.88	Before	Interior Girder 4	28.2	0.95	1	1	7.711974
SU6_str	BOBJ1	286.88	Before	Interior Girder 5	28.2	0.95	1	1	8.878207
SU6_str	BOBJ1	286.88	Before	Interior Girder 6	28.2	0.95	1	1	9.754006
SU6_str	BOBJ1	286.88	Before	Right Exterior Girder	28.2	0.95	1	1	17.418465
SU6_str	BOBJ1	286.88	After	Left Exterior Girder	28.2	0.95	1	1	27.530431
SU6_str	BOBJ1	286.88	After	Interior Girder 1	28.2	0.95	1	1	13.698744
SU6_str	BOBJ1	286.88	After	Interior Girder 2	28.2	0.95	1	1	12.102568
SU6_str	BOBJ1	286.88	After	Interior Girder 3	28.2	0.95	1	1	10.28827
SU6_str	BOBJ1	286.88	After	Interior Girder 4	28.2	0.95	1	1	10.28827
SU6_str	BOBJ1	286.88	After	Interior Girder 5	28.2	0.95	1	1	12.102567
SU6_str	BOBJ1	286.88	After	Interior Girder 6	28.2	0.95	1	1	13.698744
SU6_str	BOBJ1	286.88	After	Right Exterior Girder	28.2	0.95	1	1	27.530431
SU6_str	BOBJ1	296.28	Before	Left Exterior Girder	37.6	0.95	1	1	27.998133
SU6_str	BOBJ1	296.28	Before	Interior Girder 1	37.6	0.95	1	1	13.373692
SU6_str	BOBJ1	296.28	Before	Interior Girder 2	37.6	0.95	1	1	11.81435
SU6_str	BOBJ1	296.28	Before	Interior Girder 3	37.6	0.95	1	1	10.043043

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Approach, Span 7-11									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
SU6_str	BOBJ1	296.28	Before	Interior Girder 4	37.6	0.95	1	1	10.043043
SU6_str	BOBJ1	296.28	Before	Interior Girder 5	37.6	0.95	1	1	11.81435
SU6_str	BOBJ1	296.28	Before	Interior Girder 6	37.6	0.95	1	1	13.373692
SU6_str	BOBJ1	296.28	Before	Right Exterior Girder	37.6	0.95	1	1	27.998133
SU6_str	BOBJ1	296.28	After	Left Exterior Girder	37.6	0.95	1	1	14.145243
SU6_str	BOBJ1	296.28	After	Interior Girder 1	37.6	0.95	1	1	12.301758
SU6_str	BOBJ1	296.28	After	Interior Girder 2	37.6	0.95	1	1	10.993009
SU6_str	BOBJ1	296.28	After	Interior Girder 3	37.6	0.95	1	1	10.666491
SU6_str	BOBJ1	296.28	After	Interior Girder 4	37.6	0.95	1	1	10.666491
SU6_str	BOBJ1	296.28	After	Interior Girder 5	37.6	0.95	1	1	10.993009
SU6_str	BOBJ1	296.28	After	Interior Girder 6	37.6	0.95	1	1	12.301758
SU6_str	BOBJ1	296.28	After	Right Exterior Girder	37.6	0.95	1	1	14.145243
SU6_str	BOBJ1	305.69	Before	Left Exterior Girder	47.01	0.95	1	1	13.90315
SU6_str	BOBJ1	305.69	Before	Interior Girder 1	47.01	0.95	1	1	11.996768
SU6_str	BOBJ1	305.69	Before	Interior Girder 2	47.01	0.95	1	1	10.722044
SU6_str	BOBJ1	305.69	Before	Interior Girder 3	47.01	0.95	1	1	10.403019
SU6_str	BOBJ1	305.69	Before	Interior Girder 4	47.01	0.95	1	1	10.403019
SU6_str	BOBJ1	305.69	Before	Interior Girder 5	47.01	0.95	1	1	10.722044
SU6_str	BOBJ1	305.69	Before	Interior Girder 6	47.01	0.95	1	1	11.996768
SU6_str	BOBJ1	305.69	Before	Right Exterior Girder	47.01	0.95	1	1	13.90315
SU6_str	BOBJ1	305.69	After	Left Exterior Girder	47.01	0.95	1	1	10.899182
SU6_str	BOBJ1	305.69	After	Interior Girder 1	47.01	0.95	1	1	7.343428
SU6_str	BOBJ1	305.69	After	Interior Girder 2	47.01	0.95	1	1	6.726652
SU6_str	BOBJ1	305.69	After	Interior Girder 3	47.01	0.95	1	1	6.189012
SU6_str	BOBJ1	305.69	After	Interior Girder 4	47.01	0.95	1	1	6.189012
SU6_str	BOBJ1	305.69	After	Interior Girder 5	47.01	0.95	1	1	6.726652
SU6_str	BOBJ1	305.69	After	Interior Girder 6	47.01	0.95	1	1	7.343428
SU6_str	BOBJ1	305.69	After	Right Exterior Girder	47.01	0.95	1	1	10.899182
SU6_str	BOBJ1	315.1	Before	Left Exterior Girder	56.42	0.95	1	1	10.702784
SU6_str	BOBJ1	315.1	Before	Interior Girder 1	56.42	0.95	1	1	7.155464
SU6_str	BOBJ1	315.1	Before	Interior Girder 2	56.42	0.95	1	1	6.555095
SU6_str	BOBJ1	315.1	Before	Interior Girder 3	56.42	0.95	1	1	6.03063
SU6_str	BOBJ1	315.1	Before	Interior Girder 4	56.42	0.95	1	1	6.03063
SU6_str	BOBJ1	315.1	Before	Interior Girder 5	56.42	0.95	1	1	6.555095
SU6_str	BOBJ1	315.1	Before	Interior Girder 6	56.42	0.95	1	1	7.155464
SU6_str	BOBJ1	315.1	Before	Right Exterior Girder	56.42	0.95	1	1	10.702784
SU7_str	BOBJ1	0	After	Left Exterior Girder	0	0.95	1	1	10.077574
SU7_str	BOBJ1	0	After	Interior Girder 1	0	0.95	1	1	6.937363
SU7_str	BOBJ1	0	After	Interior Girder 2	0	0.95	1	1	6.331404
SU7_str	BOBJ1	0	After	Interior Girder 3	0	0.95	1	1	5.871587
SU7_str	BOBJ1	0	After	Interior Girder 4	0	0.95	1	1	5.871587
SU7_str	BOBJ1	0	After	Interior Girder 5	0	0.95	1	1	6.331404
SU7_str	BOBJ1	0	After	Interior Girder 6	0	0.95	1	1	6.937363
SU7_str	BOBJ1	0	After	Right Exterior Girder	0	0.95	1	1	10.077574
SU7_str	BOBJ1	9.4	Before	Left Exterior Girder	9.4	0.95	1	1	10.262067
SU7_str	BOBJ1	9.4	Before	Interior Girder 1	9.4	0.95	1	1	7.119432
SU7_str	BOBJ1	9.4	Before	Interior Girder 2	9.4	0.95	1	1	6.496903
SU7_str	BOBJ1	9.4	Before	Interior Girder 3	9.4	0.95	1	1	6.025559
SU7_str	BOBJ1	9.4	Before	Interior Girder 4	9.4	0.95	1	1	6.025559
SU7_str	BOBJ1	9.4	Before	Interior Girder 5	9.4	0.95	1	1	6.496903
SU7_str	BOBJ1	9.4	Before	Interior Girder 6	9.4	0.95	1	1	7.119432
SU7_str	BOBJ1	9.4	Before	Right Exterior Girder	9.4	0.95	1	1	10.262067
SU7_str	BOBJ1	9.4	After	Left Exterior Girder	9.4	0.95	1	1	13.097333
SU7_str	BOBJ1	9.4	After	Interior Girder 1	9.4	0.95	1	1	11.554685
SU7_str	BOBJ1	9.4	After	Interior Girder 2	9.4	0.95	1	1	10.22894
SU7_str	BOBJ1	9.4	After	Interior Girder 3	9.4	0.95	1	1	9.827985
SU7_str	BOBJ1	9.4	After	Interior Girder 4	9.4	0.95	1	1	9.827985
SU7_str	BOBJ1	9.4	After	Interior Girder 5	9.4	0.95	1	1	10.22894
SU7_str	BOBJ1	9.4	After	Interior Girder 6	9.4	0.95	1	1	11.554685
SU7_str	BOBJ1	9.4	After	Right Exterior Girder	9.4	0.95	1	1	13.097333
SU7_str	BOBJ1	18.8	Before	Left Exterior Girder	18.8	0.95	1	1	13.324903
SU7_str	BOBJ1	18.8	Before	Interior Girder 1	18.8	0.95	1	1	11.848149
SU7_str	BOBJ1	18.8	Before	Interior Girder 2	18.8	0.95	1	1	10.487136
SU7_str	BOBJ1	18.8	Before	Interior Girder 3	18.8	0.95	1	1	10.07654
SU7_str	BOBJ1	18.8	Before	Interior Girder 4	18.8	0.95	1	1	10.07654

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Approach, Span 7-11									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
SU7_str	BOBJ1	18.8	Before	Interior Girder 5	18.8	0.95	1	1	10.487136
SU7_str	BOBJ1	18.8	Before	Interior Girder 6	18.8	0.95	1	1	11.848149
SU7_str	BOBJ1	18.8	Before	Right Exterior Girder	18.8	0.95	1	1	13.324903
SU7_str	BOBJ1	18.8	After	Left Exterior Girder	18.8	0.95	1	1	26.859951
SU7_str	BOBJ1	18.8	After	Interior Girder 1	18.8	0.95	1	1	13.0196
SU7_str	BOBJ1	18.8	After	Interior Girder 2	18.8	0.95	1	1	11.496287
SU7_str	BOBJ1	18.8	After	Interior Girder 3	18.8	0.95	1	1	9.762929
SU7_str	BOBJ1	18.8	After	Interior Girder 4	18.8	0.95	1	1	9.762929
SU7_str	BOBJ1	18.8	After	Interior Girder 5	18.8	0.95	1	1	11.496287
SU7_str	BOBJ1	18.8	After	Interior Girder 6	18.8	0.95	1	1	13.0196
SU7_str	BOBJ1	18.8	After	Right Exterior Girder	18.8	0.95	1	1	26.859951
SU7_str	BOBJ1	28.2	Before	Left Exterior Girder	28.2	0.95	1	1	26.411008
SU7_str	BOBJ1	28.2	Before	Interior Girder 1	28.2	0.95	1	1	13.335911
SU7_str	BOBJ1	28.2	Before	Interior Girder 2	28.2	0.95	1	1	11.776682
SU7_str	BOBJ1	28.2	Before	Interior Girder 3	28.2	0.95	1	1	10.001287
SU7_str	BOBJ1	28.2	Before	Interior Girder 4	28.2	0.95	1	1	10.001287
SU7_str	BOBJ1	28.2	Before	Interior Girder 5	28.2	0.95	1	1	11.776682
SU7_str	BOBJ1	28.2	Before	Interior Girder 6	28.2	0.95	1	1	13.335911
SU7_str	BOBJ1	28.2	Before	Right Exterior Girder	28.2	0.95	1	1	26.411008
SU7_str	BOBJ1	28.2	After	Left Exterior Girder	28.2	0.95	1	1	17.022802
SU7_str	BOBJ1	28.2	After	Interior Girder 1	28.2	0.95	1	1	9.510368
SU7_str	BOBJ1	28.2	After	Interior Girder 2	28.2	0.95	1	1	8.653633
SU7_str	BOBJ1	28.2	After	Interior Girder 3	28.2	0.95	1	1	7.513653
SU7_str	BOBJ1	28.2	After	Interior Girder 4	28.2	0.95	1	1	7.513653
SU7_str	BOBJ1	28.2	After	Interior Girder 5	28.2	0.95	1	1	8.653633
SU7_str	BOBJ1	28.2	After	Interior Girder 6	28.2	0.95	1	1	9.510368
SU7_str	BOBJ1	28.2	After	Right Exterior Girder	28.2	0.95	1	1	17.022802
SU7_str	BOBJ1	37.6	Before	Left Exterior Girder	37.6	0.95	1	1	16.723811
SU7_str	BOBJ1	37.6	Before	Interior Girder 1	37.6	0.95	1	1	9.271919
SU7_str	BOBJ1	37.6	Before	Interior Girder 2	37.6	0.95	1	1	8.436992
SU7_str	BOBJ1	37.6	Before	Interior Girder 3	37.6	0.95	1	1	7.325796
SU7_str	BOBJ1	37.6	Before	Interior Girder 4	37.6	0.95	1	1	7.325796
SU7_str	BOBJ1	37.6	Before	Interior Girder 5	37.6	0.95	1	1	8.436992
SU7_str	BOBJ1	37.6	Before	Interior Girder 6	37.6	0.95	1	1	9.271919
SU7_str	BOBJ1	37.6	Before	Right Exterior Girder	37.6	0.95	1	1	16.723811
SU7_str	BOBJ1	37.6	After	Left Exterior Girder	37.6	0.95	1	1	9.116194
SU7_str	BOBJ1	37.6	After	Interior Girder 1	37.6	0.95	1	1	8.200846
SU7_str	BOBJ1	37.6	After	Interior Girder 2	37.6	0.95	1	1	7.318145
SU7_str	BOBJ1	37.6	After	Interior Girder 3	37.6	0.95	1	1	6.738652
SU7_str	BOBJ1	37.6	After	Interior Girder 4	37.6	0.95	1	1	6.738652
SU7_str	BOBJ1	37.6	After	Interior Girder 5	37.6	0.95	1	1	7.318145
SU7_str	BOBJ1	37.6	After	Interior Girder 6	37.6	0.95	1	1	8.200846
SU7_str	BOBJ1	37.6	After	Right Exterior Girder	37.6	0.95	1	1	9.116194
SU7_str	BOBJ1	47.01	Before	Left Exterior Girder	47.01	0.95	1	1	8.947378
SU7_str	BOBJ1	47.01	Before	Interior Girder 1	47.01	0.95	1	1	7.987136
SU7_str	BOBJ1	47.01	Before	Interior Girder 2	47.01	0.95	1	1	7.129372
SU7_str	BOBJ1	47.01	Before	Interior Girder 3	47.01	0.95	1	1	6.562572
SU7_str	BOBJ1	47.01	Before	Interior Girder 4	47.01	0.95	1	1	6.562572
SU7_str	BOBJ1	47.01	Before	Interior Girder 5	47.01	0.95	1	1	7.129372
SU7_str	BOBJ1	47.01	Before	Interior Girder 6	47.01	0.95	1	1	7.987136
SU7_str	BOBJ1	47.01	Before	Right Exterior Girder	47.01	0.95	1	1	8.947378
SU7_str	BOBJ1	47.01	After	Left Exterior Girder	47.01	0.95	1	1	6.997976
SU7_str	BOBJ1	47.01	After	Interior Girder 1	47.01	0.95	1	1	5.980009
SU7_str	BOBJ1	47.01	After	Interior Girder 2	47.01	0.95	1	1	5.286309
SU7_str	BOBJ1	47.01	After	Interior Girder 3	47.01	0.95	1	1	4.676083
SU7_str	BOBJ1	47.01	After	Interior Girder 4	47.01	0.95	1	1	4.676083
SU7_str	BOBJ1	47.01	After	Interior Girder 5	47.01	0.95	1	1	5.286309
SU7_str	BOBJ1	47.01	After	Interior Girder 6	47.01	0.95	1	1	5.980009
SU7_str	BOBJ1	47.01	After	Right Exterior Girder	47.01	0.95	1	1	6.997976
SU7_str	BOBJ1	49.42	Before	Left Exterior Girder	49.42	0.95	1	1	6.962843
SU7_str	BOBJ1	49.42	Before	Right Exterior Girder	49.42	0.95	1	1	6.962843
SU7_str	BOBJ1	49.42	After	Left Exterior Girder	49.42	0.95	1	1	6.595276
SU7_str	BOBJ1	49.42	After	Right Exterior Girder	49.42	0.95	1	1	6.595276
SU7_str	BOBJ1	51.92	Before	Interior Girder 1	51.92	0.95	1	1	5.370827
SU7_str	BOBJ1	51.92	Before	Interior Girder 2	51.92	0.95	1	1	5.212874

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Approach, Span 7-11									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
SU7_str	BOBJ1	51.92	Before	Interior Girder 3	51.92	0.95	1	1	4.609978
SU7_str	BOBJ1	51.92	Before	Interior Girder 4	51.92	0.95	1	1	4.609978
SU7_str	BOBJ1	51.92	Before	Interior Girder 5	51.92	0.95	1	1	5.212874
SU7_str	BOBJ1	51.92	Before	Interior Girder 6	51.92	0.95	1	1	5.370827
SU7_str	BOBJ1	51.92	After	Interior Girder 1	51.92	0.95	1	1	4.685777
SU7_str	BOBJ1	51.92	After	Interior Girder 2	51.92	0.95	1	1	4.441188
SU7_str	BOBJ1	51.92	After	Interior Girder 3	51.92	0.95	1	1	3.698907
SU7_str	BOBJ1	51.92	After	Interior Girder 4	51.92	0.95	1	1	3.698907
SU7_str	BOBJ1	51.92	After	Interior Girder 5	51.92	0.95	1	1	4.441188
SU7_str	BOBJ1	51.92	After	Interior Girder 6	51.92	0.95	1	1	4.685777
SU7_str	BOBJ1	56.42	Before	Left Exterior Girder	56.42	0.95	1	1	7.322483
SU7_str	BOBJ1	56.42	Before	Interior Girder 1	56.42	0.95	1	1	4.623093
SU7_str	BOBJ1	56.42	Before	Interior Girder 2	56.42	0.95	1	1	4.382353
SU7_str	BOBJ1	56.42	Before	Interior Girder 3	56.42	0.95	1	1	3.648783
SU7_str	BOBJ1	56.42	Before	Interior Girder 4	56.42	0.95	1	1	3.648783
SU7_str	BOBJ1	56.42	Before	Interior Girder 5	56.42	0.95	1	1	4.382353
SU7_str	BOBJ1	56.42	Before	Interior Girder 6	56.42	0.95	1	1	4.623093
SU7_str	BOBJ1	56.42	Before	Right Exterior Girder	56.42	0.95	1	1	7.322483
SU7_str	BOBJ1	56.42	After	Left Exterior Girder	0	0.95	1	1	6.965126
SU7_str	BOBJ1	56.42	After	Interior Girder 1	0	0.95	1	1	4.713167
SU7_str	BOBJ1	56.42	After	Interior Girder 2	0	0.95	1	1	4.487517
SU7_str	BOBJ1	56.42	After	Interior Girder 3	0	0.95	1	1	3.761319
SU7_str	BOBJ1	56.42	After	Interior Girder 4	0	0.95	1	1	3.761319
SU7_str	BOBJ1	56.42	After	Interior Girder 5	0	0.95	1	1	4.487517
SU7_str	BOBJ1	56.42	After	Interior Girder 6	0	0.95	1	1	4.713167
SU7_str	BOBJ1	56.42	After	Right Exterior Girder	0	0.95	1	1	6.965126
SU7_str	BOBJ1	60.92	Before	Interior Girder 1	4.5	0.95	1	1	4.776665
SU7_str	BOBJ1	60.92	Before	Interior Girder 2	4.5	0.95	1	1	4.547375
SU7_str	BOBJ1	60.92	Before	Interior Girder 3	4.5	0.95	1	1	3.81276
SU7_str	BOBJ1	60.92	Before	Interior Girder 4	4.5	0.95	1	1	3.81276
SU7_str	BOBJ1	60.92	Before	Interior Girder 5	4.5	0.95	1	1	4.547375
SU7_str	BOBJ1	60.92	Before	Interior Girder 6	4.5	0.95	1	1	4.776665
SU7_str	BOBJ1	60.92	After	Interior Girder 1	4.5	0.95	1	1	5.401109
SU7_str	BOBJ1	60.92	After	Interior Girder 2	4.5	0.95	1	1	5.23766
SU7_str	BOBJ1	60.92	After	Interior Girder 3	4.5	0.95	1	1	4.660823
SU7_str	BOBJ1	60.92	After	Interior Girder 4	4.5	0.95	1	1	4.660823
SU7_str	BOBJ1	60.92	After	Interior Girder 5	4.5	0.95	1	1	5.23766
SU7_str	BOBJ1	60.92	After	Interior Girder 6	4.5	0.95	1	1	5.401109
SU7_str	BOBJ1	63.42	Before	Left Exterior Girder	7	0.95	1	1	5.974148
SU7_str	BOBJ1	63.42	Before	Right Exterior Girder	7	0.95	1	1	5.974148
SU7_str	BOBJ1	63.42	After	Left Exterior Girder	7	0.95	1	1	6.295102
SU7_str	BOBJ1	63.42	After	Right Exterior Girder	7	0.95	1	1	6.295102
SU7_str	BOBJ1	64.845	Before	Left Exterior Girder	8.425	0.95	1	1	6.313842
SU7_str	BOBJ1	64.845	Before	Interior Girder 1	8.425	0.95	1	1	6.198271
SU7_str	BOBJ1	64.845	Before	Interior Girder 2	8.425	0.95	1	1	5.296284
SU7_str	BOBJ1	64.845	Before	Interior Girder 3	8.425	0.95	1	1	4.714058
SU7_str	BOBJ1	64.845	Before	Interior Girder 4	8.425	0.95	1	1	4.714058
SU7_str	BOBJ1	64.845	Before	Interior Girder 5	8.425	0.95	1	1	5.296284
SU7_str	BOBJ1	64.845	Before	Interior Girder 6	8.425	0.95	1	1	6.198271
SU7_str	BOBJ1	64.845	Before	Right Exterior Girder	8.425	0.95	1	1	6.313842
SU7_str	BOBJ1	64.845	After	Left Exterior Girder	8.425	0.95	1	1	7.89871
SU7_str	BOBJ1	64.845	After	Interior Girder 1	8.425	0.95	1	1	6.899979
SU7_str	BOBJ1	64.845	After	Interior Girder 2	8.425	0.95	1	1	6.253974
SU7_str	BOBJ1	64.845	After	Interior Girder 3	8.425	0.95	1	1	5.664006
SU7_str	BOBJ1	64.845	After	Interior Girder 4	8.425	0.95	1	1	5.664006
SU7_str	BOBJ1	64.845	After	Interior Girder 5	8.425	0.95	1	1	6.253974
SU7_str	BOBJ1	64.845	After	Interior Girder 6	8.425	0.95	1	1	6.899979
SU7_str	BOBJ1	64.845	After	Right Exterior Girder	8.425	0.95	1	1	7.89871
SU7_str	BOBJ1	69.92	Before	Left Exterior Girder	13.5	0.95	1	1	7.979621
SU7_str	BOBJ1	69.92	Before	Interior Girder 1	13.5	0.95	1	1	6.999405
SU7_str	BOBJ1	69.92	Before	Interior Girder 2	13.5	0.95	1	1	6.343182
SU7_str	BOBJ1	69.92	Before	Interior Girder 3	13.5	0.95	1	1	5.746195
SU7_str	BOBJ1	69.92	Before	Interior Girder 4	13.5	0.95	1	1	5.746195
SU7_str	BOBJ1	69.92	Before	Interior Girder 5	13.5	0.95	1	1	6.343182
SU7_str	BOBJ1	69.92	Before	Interior Girder 6	13.5	0.95	1	1	6.999405

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Approach, Span 7-11									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
SU7_str	BOBJ1	69.92	Before	Right Exterior Girder	13.5	0.95	1	1	7.979621
SU7_str	BOBJ1	69.92	After	Left Exterior Girder	13.5	0.95	1	1	7.707998
SU7_str	BOBJ1	69.92	After	Interior Girder 1	13.5	0.95	1	1	7.679029
SU7_str	BOBJ1	69.92	After	Interior Girder 2	13.5	0.95	1	1	6.950648
SU7_str	BOBJ1	69.92	After	Interior Girder 3	13.5	0.95	1	1	6.281272
SU7_str	BOBJ1	69.92	After	Interior Girder 4	13.5	0.95	1	1	6.281272
SU7_str	BOBJ1	69.92	After	Interior Girder 5	13.5	0.95	1	1	6.950648
SU7_str	BOBJ1	69.92	After	Interior Girder 6	13.5	0.95	1	1	7.679029
SU7_str	BOBJ1	69.92	After	Right Exterior Girder	13.5	0.95	1	1	7.707998
SU7_str	BOBJ1	73.27	Before	Left Exterior Girder	16.85	0.95	1	1	7.763331
SU7_str	BOBJ1	73.27	Before	Interior Girder 1	16.85	0.95	1	1	7.753488
SU7_str	BOBJ1	73.27	Before	Interior Girder 2	16.85	0.95	1	1	7.017318
SU7_str	BOBJ1	73.27	Before	Interior Girder 3	16.85	0.95	1	1	6.342504
SU7_str	BOBJ1	73.27	Before	Interior Girder 4	16.85	0.95	1	1	6.342504
SU7_str	BOBJ1	73.27	Before	Interior Girder 5	16.85	0.95	1	1	7.017318
SU7_str	BOBJ1	73.27	Before	Interior Girder 6	16.85	0.95	1	1	7.753488
SU7_str	BOBJ1	73.27	Before	Right Exterior Girder	16.85	0.95	1	1	7.763331
SU7_str	BOBJ1	73.27	After	Left Exterior Girder	16.85	0.95	1	1	11.91319
SU7_str	BOBJ1	73.27	After	Interior Girder 1	16.85	0.95	1	1	8.006578
SU7_str	BOBJ1	73.27	After	Interior Girder 2	16.85	0.95	1	1	7.41193
SU7_str	BOBJ1	73.27	After	Interior Girder 3	16.85	0.95	1	1	6.754932
SU7_str	BOBJ1	73.27	After	Interior Girder 4	16.85	0.95	1	1	6.754932
SU7_str	BOBJ1	73.27	After	Interior Girder 5	16.85	0.95	1	1	7.41193
SU7_str	BOBJ1	73.27	After	Interior Girder 6	16.85	0.95	1	1	8.006578
SU7_str	BOBJ1	73.27	After	Right Exterior Girder	16.85	0.95	1	1	11.91319
SU7_str	BOBJ1	81.695	Before	Left Exterior Girder	25.275	0.95	1	1	12.121073
SU7_str	BOBJ1	81.695	Before	Interior Girder 1	25.275	0.95	1	1	8.198593
SU7_str	BOBJ1	81.695	Before	Interior Girder 2	25.275	0.95	1	1	7.589241
SU7_str	BOBJ1	81.695	Before	Interior Girder 3	25.275	0.95	1	1	6.916414
SU7_str	BOBJ1	81.695	Before	Interior Girder 4	25.275	0.95	1	1	6.916414
SU7_str	BOBJ1	81.695	Before	Interior Girder 5	25.275	0.95	1	1	7.589241
SU7_str	BOBJ1	81.695	Before	Interior Girder 6	25.275	0.95	1	1	8.198593
SU7_str	BOBJ1	81.695	Before	Right Exterior Girder	25.275	0.95	1	1	12.121073
SU7_str	BOBJ1	81.695	After	Left Exterior Girder	25.275	0.95	1	1	15.65544
SU7_str	BOBJ1	81.695	After	Interior Girder 1	25.275	0.95	1	1	12.764165
SU7_str	BOBJ1	81.695	After	Interior Girder 2	25.275	0.95	1	1	11.401484
SU7_str	BOBJ1	81.695	After	Interior Girder 3	25.275	0.95	1	1	10.430541
SU7_str	BOBJ1	81.695	After	Interior Girder 4	25.275	0.95	1	1	10.430541
SU7_str	BOBJ1	81.695	After	Interior Girder 5	25.275	0.95	1	1	11.401484
SU7_str	BOBJ1	81.695	After	Interior Girder 6	25.275	0.95	1	1	12.764165
SU7_str	BOBJ1	81.695	After	Right Exterior Girder	25.275	0.95	1	1	15.65544
SU7_str	BOBJ1	90.12	Before	Left Exterior Girder	33.7	0.95	1	1	15.915157
SU7_str	BOBJ1	90.12	Before	Interior Girder 1	33.7	0.95	1	1	13.061078
SU7_str	BOBJ1	90.12	Before	Interior Girder 2	33.7	0.95	1	1	11.66545
SU7_str	BOBJ1	90.12	Before	Interior Girder 3	33.7	0.95	1	1	10.201998
SU7_str	BOBJ1	90.12	Before	Interior Girder 4	33.7	0.95	1	1	10.201998
SU7_str	BOBJ1	90.12	Before	Interior Girder 5	33.7	0.95	1	1	11.66545
SU7_str	BOBJ1	90.12	Before	Interior Girder 6	33.7	0.95	1	1	13.061078
SU7_str	BOBJ1	90.12	Before	Right Exterior Girder	33.7	0.95	1	1	15.915157
SU7_str	BOBJ1	90.12	After	Left Exterior Girder	33.7	0.95	1	1	16.720249
SU7_str	BOBJ1	90.12	After	Interior Girder 1	33.7	0.95	1	1	13.384362
SU7_str	BOBJ1	90.12	After	Interior Girder 2	33.7	0.95	1	1	11.873742
SU7_str	BOBJ1	90.12	After	Interior Girder 3	33.7	0.95	1	1	10.0994
SU7_str	BOBJ1	90.12	After	Interior Girder 4	33.7	0.95	1	1	10.0994
SU7_str	BOBJ1	90.12	After	Interior Girder 5	33.7	0.95	1	1	11.873742
SU7_str	BOBJ1	90.12	After	Interior Girder 6	33.7	0.95	1	1	13.384362
SU7_str	BOBJ1	90.12	After	Right Exterior Girder	33.7	0.95	1	1	16.720249
SU7_str	BOBJ1	98.545	Before	Left Exterior Girder	42.125	0.95	1	1	16.44824
SU7_str	BOBJ1	98.545	Before	Interior Girder 1	42.125	0.95	1	1	13.080526
SU7_str	BOBJ1	98.545	Before	Interior Girder 2	42.125	0.95	1	1	11.605261
SU7_str	BOBJ1	98.545	Before	Interior Girder 3	42.125	0.95	1	1	10.325796
SU7_str	BOBJ1	98.545	Before	Interior Girder 4	42.125	0.95	1	1	10.325796
SU7_str	BOBJ1	98.545	Before	Interior Girder 5	42.125	0.95	1	1	11.605261
SU7_str	BOBJ1	98.545	Before	Interior Girder 6	42.125	0.95	1	1	13.080526
SU7_str	BOBJ1	98.545	Before	Right Exterior Girder	42.125	0.95	1	1	16.44824

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Approach, Span 7-11									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
SU7_str	BOBJ1	98.545	After	Left Exterior Girder	42.125	0.95	1	1	12.586874
SU7_str	BOBJ1	98.545	After	Interior Girder 1	42.125	0.95	1	1	8.33677
SU7_str	BOBJ1	98.545	After	Interior Girder 2	42.125	0.95	1	1	7.679741
SU7_str	BOBJ1	98.545	After	Interior Girder 3	42.125	0.95	1	1	6.970271
SU7_str	BOBJ1	98.545	After	Interior Girder 4	42.125	0.95	1	1	6.970271
SU7_str	BOBJ1	98.545	After	Interior Girder 5	42.125	0.95	1	1	7.679741
SU7_str	BOBJ1	98.545	After	Interior Girder 6	42.125	0.95	1	1	8.33677
SU7_str	BOBJ1	98.545	After	Right Exterior Girder	42.125	0.95	1	1	12.586874
SU7_str	BOBJ1	106.97	Before	Left Exterior Girder	50.55	0.95	1	1	12.371723
SU7_str	BOBJ1	106.97	Before	Interior Girder 1	50.55	0.95	1	1	8.141782
SU7_str	BOBJ1	106.97	Before	Interior Girder 2	50.55	0.95	1	1	7.500447
SU7_str	BOBJ1	106.97	Before	Interior Girder 3	50.55	0.95	1	1	6.807652
SU7_str	BOBJ1	106.97	Before	Interior Girder 4	50.55	0.95	1	1	6.807652
SU7_str	BOBJ1	106.97	Before	Interior Girder 5	50.55	0.95	1	1	7.500447
SU7_str	BOBJ1	106.97	Before	Interior Girder 6	50.55	0.95	1	1	8.141782
SU7_str	BOBJ1	106.97	Before	Right Exterior Girder	50.55	0.95	1	1	12.371723
SU7_str	BOBJ1	106.97	After	Left Exterior Girder	50.55	0.95	1	1	7.614989
SU7_str	BOBJ1	106.97	After	Interior Girder 1	50.55	0.95	1	1	7.413545
SU7_str	BOBJ1	106.97	After	Interior Girder 2	50.55	0.95	1	1	6.767227
SU7_str	BOBJ1	106.97	After	Interior Girder 3	50.55	0.95	1	1	6.190923
SU7_str	BOBJ1	106.97	After	Interior Girder 4	50.55	0.95	1	1	6.190923
SU7_str	BOBJ1	106.97	After	Interior Girder 5	50.55	0.95	1	1	6.767227
SU7_str	BOBJ1	106.97	After	Interior Girder 6	50.55	0.95	1	1	7.413545
SU7_str	BOBJ1	106.97	After	Right Exterior Girder	50.55	0.95	1	1	7.614989
SU7_str	BOBJ1	115.405	Before	Left Exterior Girder	58.985	0.95	1	1	7.477595
SU7_str	BOBJ1	115.405	Before	Interior Girder 1	58.985	0.95	1	1	7.233786
SU7_str	BOBJ1	115.405	Before	Interior Girder 2	58.985	0.95	1	1	6.605004
SU7_str	BOBJ1	115.405	Before	Interior Girder 3	58.985	0.95	1	1	6.040159
SU7_str	BOBJ1	115.405	Before	Interior Girder 4	58.985	0.95	1	1	6.040159
SU7_str	BOBJ1	115.405	Before	Interior Girder 5	58.985	0.95	1	1	6.605004
SU7_str	BOBJ1	115.405	Before	Interior Girder 6	58.985	0.95	1	1	7.233786
SU7_str	BOBJ1	115.405	Before	Right Exterior Girder	58.985	0.95	1	1	7.477595
SU7_str	BOBJ1	115.405	After	Left Exterior Girder	58.985	0.95	1	1	4.663294
SU7_str	BOBJ1	115.405	After	Interior Girder 1	58.985	0.95	1	1	6.711066
SU7_str	BOBJ1	115.405	After	Interior Girder 2	58.985	0.95	1	1	5.093825
SU7_str	BOBJ1	115.405	After	Interior Girder 3	58.985	0.95	1	1	4.508292
SU7_str	BOBJ1	115.405	After	Interior Girder 4	58.985	0.95	1	1	4.508292
SU7_str	BOBJ1	115.405	After	Interior Girder 5	58.985	0.95	1	1	5.093825
SU7_str	BOBJ1	115.405	After	Interior Girder 6	58.985	0.95	1	1	6.711066
SU7_str	BOBJ1	115.405	After	Right Exterior Girder	58.985	0.95	1	1	4.663294
SU7_str	BOBJ1	116.34	Before	Left Exterior Girder	59.92	0.95	1	1	4.653071
SU7_str	BOBJ1	116.34	Before	Right Exterior Girder	59.92	0.95	1	1	4.653071
SU7_str	BOBJ1	116.34	After	Left Exterior Girder	59.92	0.95	1	1	4.483831
SU7_str	BOBJ1	116.34	After	Right Exterior Girder	59.92	0.95	1	1	4.483831
SU7_str	BOBJ1	118.84	Before	Interior Girder 1	62.42	0.95	1	1	5.194396
SU7_str	BOBJ1	118.84	Before	Interior Girder 2	62.42	0.95	1	1	5.042656
SU7_str	BOBJ1	118.84	Before	Interior Girder 3	62.42	0.95	1	1	4.462073
SU7_str	BOBJ1	118.84	Before	Interior Girder 4	62.42	0.95	1	1	4.462073
SU7_str	BOBJ1	118.84	Before	Interior Girder 5	62.42	0.95	1	1	5.042656
SU7_str	BOBJ1	118.84	Before	Interior Girder 6	62.42	0.95	1	1	5.194396
SU7_str	BOBJ1	118.84	After	Interior Girder 1	62.42	0.95	1	1	4.595889
SU7_str	BOBJ1	118.84	After	Interior Girder 2	62.42	0.95	1	1	4.374008
SU7_str	BOBJ1	118.84	After	Interior Girder 3	62.42	0.95	1	1	3.65733
SU7_str	BOBJ1	118.84	After	Interior Girder 4	62.42	0.95	1	1	3.65733
SU7_str	BOBJ1	118.84	After	Interior Girder 5	62.42	0.95	1	1	4.374008
SU7_str	BOBJ1	118.84	After	Interior Girder 6	62.42	0.95	1	1	4.595889
SU7_str	BOBJ1	123.84	Before	Left Exterior Girder	67.42	0.95	1	1	6.266899
SU7_str	BOBJ1	123.84	Before	Interior Girder 1	67.42	0.95	1	1	4.523969
SU7_str	BOBJ1	123.84	Before	Interior Girder 2	67.42	0.95	1	1	4.306313
SU7_str	BOBJ1	123.84	Before	Interior Girder 3	67.42	0.95	1	1	3.599309
SU7_str	BOBJ1	123.84	Before	Interior Girder 4	67.42	0.95	1	1	3.599309
SU7_str	BOBJ1	123.84	Before	Interior Girder 5	67.42	0.95	1	1	4.306313
SU7_str	BOBJ1	123.84	Before	Interior Girder 6	67.42	0.95	1	1	4.523969
SU7_str	BOBJ1	123.84	Before	Right Exterior Girder	67.42	0.95	1	1	6.266899
SU7_str	BOBJ1	123.84	After	Left Exterior Girder	0	0.95	1	1	6.199126

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Approach, Span 7-11									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
SU7_str	BOBJ1	123.84	After	Interior Girder 1	0	0.95	1	1	4.508304
SU7_str	BOBJ1	123.84	After	Interior Girder 2	0	0.95	1	1	4.29662
SU7_str	BOBJ1	123.84	After	Interior Girder 3	0	0.95	1	1	3.594485
SU7_str	BOBJ1	123.84	After	Interior Girder 4	0	0.95	1	1	3.594485
SU7_str	BOBJ1	123.84	After	Interior Girder 5	0	0.95	1	1	4.29662
SU7_str	BOBJ1	123.84	After	Interior Girder 6	0	0.95	1	1	4.508304
SU7_str	BOBJ1	123.84	After	Right Exterior Girder	0	0.95	1	1	6.199126
SU7_str	BOBJ1	128.84	Before	Interior Girder 1	5	0.95	1	1	4.58004
SU7_str	BOBJ1	128.84	Before	Interior Girder 2	5	0.95	1	1	4.364206
SU7_str	BOBJ1	128.84	Before	Interior Girder 3	5	0.95	1	1	3.652462
SU7_str	BOBJ1	128.84	Before	Interior Girder 4	5	0.95	1	1	3.652462
SU7_str	BOBJ1	128.84	Before	Interior Girder 5	5	0.95	1	1	4.364206
SU7_str	BOBJ1	128.84	Before	Interior Girder 6	5	0.95	1	1	4.58004
SU7_str	BOBJ1	128.84	After	Interior Girder 1	5	0.95	1	1	5.17285
SU7_str	BOBJ1	128.84	After	Interior Girder 2	5	0.95	1	1	5.026916
SU7_str	BOBJ1	128.84	After	Interior Girder 3	5	0.95	1	1	4.449516
SU7_str	BOBJ1	128.84	After	Interior Girder 4	5	0.95	1	1	4.449516
SU7_str	BOBJ1	128.84	After	Interior Girder 5	5	0.95	1	1	5.026916
SU7_str	BOBJ1	128.84	After	Interior Girder 6	5	0.95	1	1	5.17285
SU7_str	BOBJ1	131.34	Before	Left Exterior Girder	7.5	0.95	1	1	4.432095
SU7_str	BOBJ1	131.34	Before	Right Exterior Girder	7.5	0.95	1	1	4.432095
SU7_str	BOBJ1	131.34	After	Left Exterior Girder	7.5	0.95	1	1	4.595086
SU7_str	BOBJ1	131.34	After	Right Exterior Girder	7.5	0.95	1	1	4.595086
SU7_str	BOBJ1	132.265	Before	Left Exterior Girder	8.425	0.95	1	1	4.605089
SU7_str	BOBJ1	132.265	Before	Interior Girder 1	8.425	0.95	1	1	6.69897
SU7_str	BOBJ1	132.265	Before	Interior Girder 2	8.425	0.95	1	1	5.07781
SU7_str	BOBJ1	132.265	Before	Interior Girder 3	8.425	0.95	1	1	4.495496
SU7_str	BOBJ1	132.265	Before	Interior Girder 4	8.425	0.95	1	1	4.495496
SU7_str	BOBJ1	132.265	Before	Interior Girder 5	8.425	0.95	1	1	5.07781
SU7_str	BOBJ1	132.265	Before	Interior Girder 6	8.425	0.95	1	1	6.69897
SU7_str	BOBJ1	132.265	Before	Right Exterior Girder	8.425	0.95	1	1	4.605089
SU7_str	BOBJ1	132.265	After	Left Exterior Girder	8.425	0.95	1	1	7.380587
SU7_str	BOBJ1	132.265	After	Interior Girder 1	8.425	0.95	1	1	7.180913
SU7_str	BOBJ1	132.265	After	Interior Girder 2	8.425	0.95	1	1	6.571927
SU7_str	BOBJ1	132.265	After	Interior Girder 3	8.425	0.95	1	1	6.013919
SU7_str	BOBJ1	132.265	After	Interior Girder 4	8.425	0.95	1	1	6.013919
SU7_str	BOBJ1	132.265	After	Interior Girder 5	8.425	0.95	1	1	6.571927
SU7_str	BOBJ1	132.265	After	Interior Girder 6	8.425	0.95	1	1	7.180913
SU7_str	BOBJ1	132.265	After	Right Exterior Girder	8.425	0.95	1	1	7.380587
SU7_str	BOBJ1	140.69	Before	Left Exterior Girder	16.85	0.95	1	1	7.516175
SU7_str	BOBJ1	140.69	Before	Interior Girder 1	16.85	0.95	1	1	7.359312
SU7_str	BOBJ1	140.69	Before	Interior Girder 2	16.85	0.95	1	1	6.733254
SU7_str	BOBJ1	140.69	Before	Interior Girder 3	16.85	0.95	1	1	6.163937
SU7_str	BOBJ1	140.69	Before	Interior Girder 4	16.85	0.95	1	1	6.163937
SU7_str	BOBJ1	140.69	Before	Interior Girder 5	16.85	0.95	1	1	6.733254
SU7_str	BOBJ1	140.69	Before	Interior Girder 6	16.85	0.95	1	1	7.359312
SU7_str	BOBJ1	140.69	Before	Right Exterior Girder	16.85	0.95	1	1	7.516175
SU7_str	BOBJ1	140.69	After	Left Exterior Girder	16.85	0.95	1	1	12.172905
SU7_str	BOBJ1	140.69	After	Interior Girder 1	16.85	0.95	1	1	8.065663
SU7_str	BOBJ1	140.69	After	Interior Girder 2	16.85	0.95	1	1	7.453042
SU7_str	BOBJ1	140.69	After	Interior Girder 3	16.85	0.95	1	1	6.786716
SU7_str	BOBJ1	140.69	After	Interior Girder 4	16.85	0.95	1	1	6.786716
SU7_str	BOBJ1	140.69	After	Interior Girder 5	16.85	0.95	1	1	7.453042
SU7_str	BOBJ1	140.69	After	Interior Girder 6	16.85	0.95	1	1	8.065663
SU7_str	BOBJ1	140.69	After	Right Exterior Girder	16.85	0.95	1	1	12.172905
SU7_str	BOBJ1	149.115	Before	Left Exterior Girder	25.275	0.95	1	1	12.384856
SU7_str	BOBJ1	149.115	Before	Interior Girder 1	25.275	0.95	1	1	8.259023
SU7_str	BOBJ1	149.115	Before	Interior Girder 2	25.275	0.95	1	1	7.631316
SU7_str	BOBJ1	149.115	Before	Interior Girder 3	25.275	0.95	1	1	6.948891
SU7_str	BOBJ1	149.115	Before	Interior Girder 4	25.275	0.95	1	1	6.948891
SU7_str	BOBJ1	149.115	Before	Interior Girder 5	25.275	0.95	1	1	7.631316
SU7_str	BOBJ1	149.115	Before	Interior Girder 6	25.275	0.95	1	1	8.259023
SU7_str	BOBJ1	149.115	Before	Right Exterior Girder	25.275	0.95	1	1	12.384856
SU7_str	BOBJ1	149.115	After	Left Exterior Girder	25.275	0.95	1	1	16.039319
SU7_str	BOBJ1	149.115	After	Interior Girder 1	25.275	0.95	1	1	12.889757

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Approach, Span 7-11									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
SU7_str	BOBJ1	149.115	After	Interior Girder 2	25.275	0.95	1	1	11.493281
SU7_str	BOBJ1	149.115	After	Interior Girder 3	25.275	0.95	1	1	10.363983
SU7_str	BOBJ1	149.115	After	Interior Girder 4	25.275	0.95	1	1	10.363983
SU7_str	BOBJ1	149.115	After	Interior Girder 5	25.275	0.95	1	1	11.493281
SU7_str	BOBJ1	149.115	After	Interior Girder 6	25.275	0.95	1	1	12.889757
SU7_str	BOBJ1	149.115	After	Right Exterior Girder	25.275	0.95	1	1	16.039319
SU7_str	BOBJ1	157.54	Before	Left Exterior Girder	33.7	0.95	1	1	16.304878
SU7_str	BOBJ1	157.54	Before	Interior Girder 1	33.7	0.95	1	1	13.189459
SU7_str	BOBJ1	157.54	Before	Interior Girder 2	33.7	0.95	1	1	11.759333
SU7_str	BOBJ1	157.54	Before	Interior Girder 3	33.7	0.95	1	1	10.136821
SU7_str	BOBJ1	157.54	Before	Interior Girder 4	33.7	0.95	1	1	10.136821
SU7_str	BOBJ1	157.54	Before	Interior Girder 5	33.7	0.95	1	1	11.759333
SU7_str	BOBJ1	157.54	Before	Interior Girder 6	33.7	0.95	1	1	13.189459
SU7_str	BOBJ1	157.54	Before	Right Exterior Girder	33.7	0.95	1	1	16.304878
SU7_str	BOBJ1	157.54	After	Left Exterior Girder	33.7	0.95	1	1	16.329652
SU7_str	BOBJ1	157.54	After	Interior Girder 1	33.7	0.95	1	1	13.198377
SU7_str	BOBJ1	157.54	After	Interior Girder 2	33.7	0.95	1	1	11.767183
SU7_str	BOBJ1	157.54	After	Interior Girder 3	33.7	0.95	1	1	10.131481
SU7_str	BOBJ1	157.54	After	Interior Girder 4	33.7	0.95	1	1	10.131481
SU7_str	BOBJ1	157.54	After	Interior Girder 5	33.7	0.95	1	1	11.767183
SU7_str	BOBJ1	157.54	After	Interior Girder 6	33.7	0.95	1	1	13.198377
SU7_str	BOBJ1	157.54	After	Right Exterior Girder	33.7	0.95	1	1	16.329652
SU7_str	BOBJ1	165.965	Before	Left Exterior Girder	42.125	0.95	1	1	16.063709
SU7_str	BOBJ1	165.965	Before	Interior Girder 1	42.125	0.95	1	1	12.898478
SU7_str	BOBJ1	165.965	Before	Interior Girder 2	42.125	0.95	1	1	11.50096
SU7_str	BOBJ1	165.965	Before	Interior Girder 3	42.125	0.95	1	1	10.358534
SU7_str	BOBJ1	165.965	Before	Interior Girder 4	42.125	0.95	1	1	10.358534
SU7_str	BOBJ1	165.965	Before	Interior Girder 5	42.125	0.95	1	1	11.50096
SU7_str	BOBJ1	165.965	Before	Interior Girder 6	42.125	0.95	1	1	12.898478
SU7_str	BOBJ1	165.965	Before	Right Exterior Girder	42.125	0.95	1	1	16.063709
SU7_str	BOBJ1	165.965	After	Left Exterior Girder	42.125	0.95	1	1	12.39884
SU7_str	BOBJ1	165.965	After	Interior Girder 1	42.125	0.95	1	1	8.262799
SU7_str	BOBJ1	165.965	After	Interior Girder 2	42.125	0.95	1	1	7.634685
SU7_str	BOBJ1	165.965	After	Interior Girder 3	42.125	0.95	1	1	6.951857
SU7_str	BOBJ1	165.965	After	Interior Girder 4	42.125	0.95	1	1	6.951857
SU7_str	BOBJ1	165.965	After	Interior Girder 5	42.125	0.95	1	1	7.634685
SU7_str	BOBJ1	165.965	After	Interior Girder 6	42.125	0.95	1	1	8.262799
SU7_str	BOBJ1	165.965	After	Right Exterior Girder	42.125	0.95	1	1	12.39884
SU7_str	BOBJ1	174.39	Before	Left Exterior Girder	50.55	0.95	1	1	12.186666
SU7_str	BOBJ1	174.39	Before	Interior Girder 1	50.55	0.95	1	1	8.069354
SU7_str	BOBJ1	174.39	Before	Interior Girder 2	50.55	0.95	1	1	7.456336
SU7_str	BOBJ1	174.39	Before	Interior Girder 3	50.55	0.95	1	1	6.78962
SU7_str	BOBJ1	174.39	Before	Interior Girder 4	50.55	0.95	1	1	6.78962
SU7_str	BOBJ1	174.39	Before	Interior Girder 5	50.55	0.95	1	1	7.456336
SU7_str	BOBJ1	174.39	Before	Interior Girder 6	50.55	0.95	1	1	8.069354
SU7_str	BOBJ1	174.39	Before	Right Exterior Girder	50.55	0.95	1	1	12.186666
SU7_str	BOBJ1	174.39	After	Left Exterior Girder	50.55	0.95	1	1	7.522752
SU7_str	BOBJ1	174.39	After	Interior Girder 1	50.55	0.95	1	1	7.361078
SU7_str	BOBJ1	174.39	After	Interior Girder 2	50.55	0.95	1	1	6.733773
SU7_str	BOBJ1	174.39	After	Interior Girder 3	50.55	0.95	1	1	6.168625
SU7_str	BOBJ1	174.39	After	Interior Girder 4	50.55	0.95	1	1	6.168625
SU7_str	BOBJ1	174.39	After	Interior Girder 5	50.55	0.95	1	1	6.733773
SU7_str	BOBJ1	174.39	After	Interior Girder 6	50.55	0.95	1	1	7.361078
SU7_str	BOBJ1	174.39	After	Right Exterior Girder	50.55	0.95	1	1	7.522752
SU7_str	BOBJ1	182.825	Before	Left Exterior Girder	58.985	0.95	1	1	7.3869
SU7_str	BOBJ1	182.825	Before	Interior Girder 1	58.985	0.95	1	1	7.182417
SU7_str	BOBJ1	182.825	Before	Interior Girder 2	58.985	0.95	1	1	6.572234
SU7_str	BOBJ1	182.825	Before	Interior Girder 3	58.985	0.95	1	1	6.018332
SU7_str	BOBJ1	182.825	Before	Interior Girder 4	58.985	0.95	1	1	6.018332
SU7_str	BOBJ1	182.825	Before	Interior Girder 5	58.985	0.95	1	1	6.572234
SU7_str	BOBJ1	182.825	Before	Interior Girder 6	58.985	0.95	1	1	7.182417
SU7_str	BOBJ1	182.825	Before	Right Exterior Girder	58.985	0.95	1	1	7.3869
SU7_str	BOBJ1	182.825	After	Left Exterior Girder	58.985	0.95	1	1	4.622308
SU7_str	BOBJ1	182.825	After	Interior Girder 1	58.985	0.95	1	1	6.68296
SU7_str	BOBJ1	182.825	After	Interior Girder 2	58.985	0.95	1	1	5.076212

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Approach, Span 7-11									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
SU7_str	BOBJ1	182.825	After	Interior Girder 3	58.985	0.95	1	1	4.497438
SU7_str	BOBJ1	182.825	After	Interior Girder 4	58.985	0.95	1	1	4.497438
SU7_str	BOBJ1	182.825	After	Interior Girder 5	58.985	0.95	1	1	5.076212
SU7_str	BOBJ1	182.825	After	Interior Girder 6	58.985	0.95	1	1	6.68296
SU7_str	BOBJ1	182.825	After	Right Exterior Girder	58.985	0.95	1	1	4.622308
SU7_str	BOBJ1	183.76	Before	Left Exterior Girder	59.92	0.95	1	1	4.612166
SU7_str	BOBJ1	183.76	Before	Right Exterior Girder	59.92	0.95	1	1	4.612166
SU7_str	BOBJ1	183.76	After	Left Exterior Girder	59.92	0.95	1	1	4.4474
SU7_str	BOBJ1	183.76	After	Right Exterior Girder	59.92	0.95	1	1	4.4474
SU7_str	BOBJ1	186.26	Before	Interior Girder 1	62.42	0.95	1	1	5.171568
SU7_str	BOBJ1	186.26	Before	Interior Girder 2	62.42	0.95	1	1	5.025181
SU7_str	BOBJ1	186.26	Before	Interior Girder 3	62.42	0.95	1	1	4.451307
SU7_str	BOBJ1	186.26	Before	Interior Girder 4	62.42	0.95	1	1	4.451307
SU7_str	BOBJ1	186.26	Before	Interior Girder 5	62.42	0.95	1	1	5.025181
SU7_str	BOBJ1	186.26	Before	Interior Girder 6	62.42	0.95	1	1	5.171568
SU7_str	BOBJ1	186.26	After	Interior Girder 1	62.42	0.95	1	1	4.577708
SU7_str	BOBJ1	186.26	After	Interior Girder 2	62.42	0.95	1	1	4.361551
SU7_str	BOBJ1	186.26	After	Interior Girder 3	62.42	0.95	1	1	3.652065
SU7_str	BOBJ1	186.26	After	Interior Girder 4	62.42	0.95	1	1	3.652065
SU7_str	BOBJ1	186.26	After	Interior Girder 5	62.42	0.95	1	1	4.361551
SU7_str	BOBJ1	186.26	After	Interior Girder 6	62.42	0.95	1	1	4.577708
SU7_str	BOBJ1	191.26	Before	Left Exterior Girder	67.42	0.95	1	1	6.202812
SU7_str	BOBJ1	191.26	Before	Interior Girder 1	67.42	0.95	1	1	4.506
SU7_str	BOBJ1	191.26	Before	Interior Girder 2	67.42	0.95	1	1	4.293998
SU7_str	BOBJ1	191.26	Before	Interior Girder 3	67.42	0.95	1	1	3.594096
SU7_str	BOBJ1	191.26	Before	Interior Girder 4	67.42	0.95	1	1	3.594096
SU7_str	BOBJ1	191.26	Before	Interior Girder 5	67.42	0.95	1	1	4.293998
SU7_str	BOBJ1	191.26	Before	Interior Girder 6	67.42	0.95	1	1	4.506
SU7_str	BOBJ1	191.26	Before	Right Exterior Girder	67.42	0.95	1	1	6.202812
SU7_str	BOBJ1	191.26	After	Left Exterior Girder	0	0.95	1	1	6.261406
SU7_str	BOBJ1	191.26	After	Interior Girder 1	0	0.95	1	1	4.525501
SU7_str	BOBJ1	191.26	After	Interior Girder 2	0	0.95	1	1	4.308415
SU7_str	BOBJ1	191.26	After	Interior Girder 3	0	0.95	1	1	3.599287
SU7_str	BOBJ1	191.26	After	Interior Girder 4	0	0.95	1	1	3.599287
SU7_str	BOBJ1	191.26	After	Interior Girder 5	0	0.95	1	1	4.308415
SU7_str	BOBJ1	191.26	After	Interior Girder 6	0	0.95	1	1	4.525501
SU7_str	BOBJ1	191.26	After	Right Exterior Girder	0	0.95	1	1	6.261406
SU7_str	BOBJ1	196.26	Before	Interior Girder 1	5	0.95	1	1	4.59745
SU7_str	BOBJ1	196.26	Before	Interior Girder 2	5	0.95	1	1	4.376141
SU7_str	BOBJ1	196.26	Before	Interior Girder 3	5	0.95	1	1	3.657318
SU7_str	BOBJ1	196.26	Before	Interior Girder 4	5	0.95	1	1	3.657318
SU7_str	BOBJ1	196.26	Before	Interior Girder 5	5	0.95	1	1	4.376141
SU7_str	BOBJ1	196.26	Before	Interior Girder 6	5	0.95	1	1	4.59745
SU7_str	BOBJ1	196.26	After	Interior Girder 1	5	0.95	1	1	5.194801
SU7_str	BOBJ1	196.26	After	Interior Girder 2	5	0.95	1	1	5.043776
SU7_str	BOBJ1	196.26	After	Interior Girder 3	5	0.95	1	1	4.459782
SU7_str	BOBJ1	196.26	After	Interior Girder 4	5	0.95	1	1	4.459782
SU7_str	BOBJ1	196.26	After	Interior Girder 5	5	0.95	1	1	5.043776
SU7_str	BOBJ1	196.26	After	Interior Girder 6	5	0.95	1	1	5.194801
SU7_str	BOBJ1	198.76	Before	Left Exterior Girder	7.5	0.95	1	1	4.466495
SU7_str	BOBJ1	198.76	Before	Right Exterior Girder	7.5	0.95	1	1	4.466495
SU7_str	BOBJ1	198.76	After	Left Exterior Girder	7.5	0.95	1	1	4.63387
SU7_str	BOBJ1	198.76	After	Right Exterior Girder	7.5	0.95	1	1	4.63387
SU7_str	BOBJ1	199.685	Before	Left Exterior Girder	8.425	0.95	1	1	4.643952
SU7_str	BOBJ1	199.685	Before	Interior Girder 1	8.425	0.95	1	1	6.72673
SU7_str	BOBJ1	199.685	Before	Interior Girder 2	8.425	0.95	1	1	5.094807
SU7_str	BOBJ1	199.685	Before	Interior Girder 3	8.425	0.95	1	1	4.50585
SU7_str	BOBJ1	199.685	Before	Interior Girder 4	8.425	0.95	1	1	4.50585
SU7_str	BOBJ1	199.685	Before	Interior Girder 5	8.425	0.95	1	1	5.094807
SU7_str	BOBJ1	199.685	Before	Interior Girder 6	8.425	0.95	1	1	6.72673
SU7_str	BOBJ1	199.685	Before	Right Exterior Girder	8.425	0.95	1	1	4.643952
SU7_str	BOBJ1	199.685	After	Left Exterior Girder	8.425	0.95	1	1	7.469191
SU7_str	BOBJ1	199.685	After	Interior Girder 1	8.425	0.95	1	1	7.230974
SU7_str	BOBJ1	199.685	After	Interior Girder 2	8.425	0.95	1	1	6.60384
SU7_str	BOBJ1	199.685	After	Interior Girder 3	8.425	0.95	1	1	6.035064

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Approach, Span 7-11									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
SU7_str	BOBJ1	199.685	After	Interior Girder 4	8.425	0.95	1	1	6.035064
SU7_str	BOBJ1	199.685	After	Interior Girder 5	8.425	0.95	1	1	6.60384
SU7_str	BOBJ1	199.685	After	Interior Girder 6	8.425	0.95	1	1	7.230974
SU7_str	BOBJ1	199.685	After	Right Exterior Girder	8.425	0.95	1	1	7.469191
SU7_str	BOBJ1	208.11	Before	Left Exterior Girder	16.85	0.95	1	1	7.606318
SU7_str	BOBJ1	208.11	Before	Interior Girder 1	16.85	0.95	1	1	7.410467
SU7_str	BOBJ1	208.11	Before	Interior Girder 2	16.85	0.95	1	1	6.765849
SU7_str	BOBJ1	208.11	Before	Interior Girder 3	16.85	0.95	1	1	6.185551
SU7_str	BOBJ1	208.11	Before	Interior Girder 4	16.85	0.95	1	1	6.185551
SU7_str	BOBJ1	208.11	Before	Interior Girder 5	16.85	0.95	1	1	6.765849
SU7_str	BOBJ1	208.11	Before	Interior Girder 6	16.85	0.95	1	1	7.410467
SU7_str	BOBJ1	208.11	Before	Right Exterior Girder	16.85	0.95	1	1	7.606318
SU7_str	BOBJ1	208.11	After	Left Exterior Girder	16.85	0.95	1	1	12.35447
SU7_str	BOBJ1	208.11	After	Interior Girder 1	16.85	0.95	1	1	8.136502
SU7_str	BOBJ1	208.11	After	Interior Girder 2	16.85	0.95	1	1	7.496211
SU7_str	BOBJ1	208.11	After	Interior Girder 3	16.85	0.95	1	1	6.804138
SU7_str	BOBJ1	208.11	After	Interior Girder 4	16.85	0.95	1	1	6.804138
SU7_str	BOBJ1	208.11	After	Interior Girder 5	16.85	0.95	1	1	7.496211
SU7_str	BOBJ1	208.11	After	Interior Girder 6	16.85	0.95	1	1	8.136502
SU7_str	BOBJ1	208.11	After	Right Exterior Girder	16.85	0.95	1	1	12.35447
SU7_str	BOBJ1	216.535	Before	Left Exterior Girder	25.275	0.95	1	1	12.569393
SU7_str	BOBJ1	216.535	Before	Interior Girder 1	25.275	0.95	1	1	8.331401
SU7_str	BOBJ1	216.535	Before	Interior Girder 2	25.275	0.95	1	1	7.675427
SU7_str	BOBJ1	216.535	Before	Interior Girder 3	25.275	0.95	1	1	6.966695
SU7_str	BOBJ1	216.535	Before	Interior Girder 4	25.275	0.95	1	1	6.966695
SU7_str	BOBJ1	216.535	Before	Interior Girder 5	25.275	0.95	1	1	7.675427
SU7_str	BOBJ1	216.535	Before	Interior Girder 6	25.275	0.95	1	1	8.331401
SU7_str	BOBJ1	216.535	Before	Right Exterior Girder	25.275	0.95	1	1	12.569393
SU7_str	BOBJ1	216.535	After	Left Exterior Girder	25.275	0.95	1	1	16.419066
SU7_str	BOBJ1	216.535	After	Interior Girder 1	25.275	0.95	1	1	13.069234
SU7_str	BOBJ1	216.535	After	Interior Girder 2	25.275	0.95	1	1	11.596221
SU7_str	BOBJ1	216.535	After	Interior Girder 3	25.275	0.95	1	1	10.332051
SU7_str	BOBJ1	216.535	After	Interior Girder 4	25.275	0.95	1	1	10.332051
SU7_str	BOBJ1	216.535	After	Interior Girder 5	25.275	0.95	1	1	11.596221
SU7_str	BOBJ1	216.535	After	Interior Girder 6	25.275	0.95	1	1	13.069234
SU7_str	BOBJ1	216.535	After	Right Exterior Girder	25.275	0.95	1	1	16.419066
SU7_str	BOBJ1	224.96	Before	Left Exterior Girder	33.7	0.95	1	1	16.690679
SU7_str	BOBJ1	224.96	Before	Interior Girder 1	33.7	0.95	1	1	13.372867
SU7_str	BOBJ1	224.96	Before	Interior Girder 2	33.7	0.95	1	1	11.86453
SU7_str	BOBJ1	224.96	Before	Interior Girder 3	33.7	0.95	1	1	10.105546
SU7_str	BOBJ1	224.96	Before	Interior Girder 4	33.7	0.95	1	1	10.105546
SU7_str	BOBJ1	224.96	Before	Interior Girder 5	33.7	0.95	1	1	11.86453
SU7_str	BOBJ1	224.96	Before	Interior Girder 6	33.7	0.95	1	1	13.372867
SU7_str	BOBJ1	224.96	Before	Right Exterior Girder	33.7	0.95	1	1	16.690679
SU7_str	BOBJ1	224.96	After	Left Exterior Girder	33.7	0.95	1	1	15.943631
SU7_str	BOBJ1	224.96	After	Interior Girder 1	33.7	0.95	1	1	13.072035
SU7_str	BOBJ1	224.96	After	Interior Girder 2	33.7	0.95	1	1	11.674131
SU7_str	BOBJ1	224.96	After	Interior Girder 3	33.7	0.95	1	1	10.196152
SU7_str	BOBJ1	224.96	After	Interior Girder 4	33.7	0.95	1	1	10.196152
SU7_str	BOBJ1	224.96	After	Interior Girder 5	33.7	0.95	1	1	11.674131
SU7_str	BOBJ1	224.96	After	Interior Girder 6	33.7	0.95	1	1	13.072035
SU7_str	BOBJ1	224.96	After	Right Exterior Girder	33.7	0.95	1	1	15.943631
SU7_str	BOBJ1	233.385	Before	Left Exterior Girder	42.125	0.95	1	1	15.683542
SU7_str	BOBJ1	233.385	Before	Interior Girder 1	42.125	0.95	1	1	12.774927
SU7_str	BOBJ1	233.385	Before	Interior Girder 2	42.125	0.95	1	1	11.409998
SU7_str	BOBJ1	233.385	Before	Interior Girder 3	42.125	0.95	1	1	10.424588
SU7_str	BOBJ1	233.385	Before	Interior Girder 4	42.125	0.95	1	1	10.424588
SU7_str	BOBJ1	233.385	Before	Interior Girder 5	42.125	0.95	1	1	11.409998
SU7_str	BOBJ1	233.385	Before	Interior Girder 6	42.125	0.95	1	1	12.774927
SU7_str	BOBJ1	233.385	Before	Right Exterior Girder	42.125	0.95	1	1	15.683542
SU7_str	BOBJ1	233.385	After	Left Exterior Girder	42.125	0.95	1	1	12.140951
SU7_str	BOBJ1	233.385	After	Interior Girder 1	42.125	0.95	1	1	8.203682
SU7_str	BOBJ1	233.385	After	Interior Girder 2	42.125	0.95	1	1	7.593216
SU7_str	BOBJ1	233.385	After	Interior Girder 3	42.125	0.95	1	1	6.919907
SU7_str	BOBJ1	233.385	After	Interior Girder 4	42.125	0.95	1	1	6.919907

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Approach, Span 7-11									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
SU7_str	BOBJ1	233.385	After	Interior Girder 5	42.125	0.95	1	1	7.593216
SU7_str	BOBJ1	233.385	After	Interior Girder 6	42.125	0.95	1	1	8.203682
SU7_str	BOBJ1	233.385	After	Right Exterior Girder	42.125	0.95	1	1	12.140951
SU7_str	BOBJ1	241.81	Before	Left Exterior Girder	50.55	0.95	1	1	11.932809
SU7_str	BOBJ1	241.81	Before	Interior Girder 1	50.55	0.95	1	1	8.011582
SU7_str	BOBJ1	241.81	Before	Interior Girder 2	50.55	0.95	1	1	7.415832
SU7_str	BOBJ1	241.81	Before	Interior Girder 3	50.55	0.95	1	1	6.758361
SU7_str	BOBJ1	241.81	Before	Interior Girder 4	50.55	0.95	1	1	6.758361
SU7_str	BOBJ1	241.81	Before	Interior Girder 5	50.55	0.95	1	1	7.415832
SU7_str	BOBJ1	241.81	Before	Interior Girder 6	50.55	0.95	1	1	8.011582
SU7_str	BOBJ1	241.81	Before	Right Exterior Girder	50.55	0.95	1	1	11.932809
SU7_str	BOBJ1	241.81	After	Left Exterior Girder	50.55	0.95	1	1	7.774266
SU7_str	BOBJ1	241.81	After	Interior Girder 1	50.55	0.95	1	1	7.757632
SU7_str	BOBJ1	241.81	After	Interior Girder 2	50.55	0.95	1	1	7.019536
SU7_str	BOBJ1	241.81	After	Interior Girder 3	50.55	0.95	1	1	6.34921
SU7_str	BOBJ1	241.81	After	Interior Girder 4	50.55	0.95	1	1	6.34921
SU7_str	BOBJ1	241.81	After	Interior Girder 5	50.55	0.95	1	1	7.019536
SU7_str	BOBJ1	241.81	After	Interior Girder 6	50.55	0.95	1	1	7.757632
SU7_str	BOBJ1	241.81	After	Right Exterior Girder	50.55	0.95	1	1	7.774266
SU7_str	BOBJ1	245.18	Before	Left Exterior Girder	53.92	0.95	1	1	7.718553
SU7_str	BOBJ1	245.18	Before	Interior Girder 1	53.92	0.95	1	1	7.682693
SU7_str	BOBJ1	245.18	Before	Interior Girder 2	53.92	0.95	1	1	6.952447
SU7_str	BOBJ1	245.18	Before	Interior Girder 3	53.92	0.95	1	1	6.287558
SU7_str	BOBJ1	245.18	Before	Interior Girder 4	53.92	0.95	1	1	6.287558
SU7_str	BOBJ1	245.18	Before	Interior Girder 5	53.92	0.95	1	1	6.952447
SU7_str	BOBJ1	245.18	Before	Interior Girder 6	53.92	0.95	1	1	7.682693
SU7_str	BOBJ1	245.18	Before	Right Exterior Girder	53.92	0.95	1	1	7.718553
SU7_str	BOBJ1	245.18	After	Left Exterior Girder	53.92	0.95	1	1	7.987045
SU7_str	BOBJ1	245.18	After	Interior Girder 1	53.92	0.95	1	1	6.99818
SU7_str	BOBJ1	245.18	After	Interior Girder 2	53.92	0.95	1	1	6.340653
SU7_str	BOBJ1	245.18	After	Interior Girder 3	53.92	0.95	1	1	5.747945
SU7_str	BOBJ1	245.18	After	Interior Girder 4	53.92	0.95	1	1	5.747945
SU7_str	BOBJ1	245.18	After	Interior Girder 5	53.92	0.95	1	1	6.340653
SU7_str	BOBJ1	245.18	After	Interior Girder 6	53.92	0.95	1	1	6.99818
SU7_str	BOBJ1	245.18	After	Right Exterior Girder	53.92	0.95	1	1	7.987045
SU7_str	BOBJ1	250.245	Before	Left Exterior Girder	58.985	0.95	1	1	7.906251
SU7_str	BOBJ1	250.245	Before	Interior Girder 1	58.985	0.95	1	1	6.898968
SU7_str	BOBJ1	250.245	Before	Interior Girder 2	58.985	0.95	1	1	6.25165
SU7_str	BOBJ1	250.245	Before	Interior Girder 3	58.985	0.95	1	1	5.665903
SU7_str	BOBJ1	250.245	Before	Interior Girder 4	58.985	0.95	1	1	5.665903
SU7_str	BOBJ1	250.245	Before	Interior Girder 5	58.985	0.95	1	1	6.25165
SU7_str	BOBJ1	250.245	Before	Interior Girder 6	58.985	0.95	1	1	6.898968
SU7_str	BOBJ1	250.245	Before	Right Exterior Girder	58.985	0.95	1	1	7.906251
SU7_str	BOBJ1	250.245	After	Left Exterior Girder	58.985	0.95	1	1	6.328952
SU7_str	BOBJ1	250.245	After	Interior Girder 1	58.985	0.95	1	1	6.192951
SU7_str	BOBJ1	250.245	After	Interior Girder 2	58.985	0.95	1	1	5.294876
SU7_str	BOBJ1	250.245	After	Interior Girder 3	58.985	0.95	1	1	4.716382
SU7_str	BOBJ1	250.245	After	Interior Girder 4	58.985	0.95	1	1	4.716382
SU7_str	BOBJ1	250.245	After	Interior Girder 5	58.985	0.95	1	1	5.294876
SU7_str	BOBJ1	250.245	After	Interior Girder 6	58.985	0.95	1	1	6.192951
SU7_str	BOBJ1	250.245	After	Right Exterior Girder	58.985	0.95	1	1	6.328952
SU7_str	BOBJ1	251.68	Before	Left Exterior Girder	60.42	0.95	1	1	6.310048
SU7_str	BOBJ1	251.68	Before	Right Exterior Girder	60.42	0.95	1	1	6.310048
SU7_str	BOBJ1	251.68	After	Left Exterior Girder	60.42	0.95	1	1	5.987938
SU7_str	BOBJ1	251.68	After	Right Exterior Girder	60.42	0.95	1	1	5.987938
SU7_str	BOBJ1	254.18	Before	Interior Girder 1	62.92	0.95	1	1	5.400139
SU7_str	BOBJ1	254.18	Before	Interior Girder 2	62.92	0.95	1	1	5.236115
SU7_str	BOBJ1	254.18	Before	Interior Girder 3	62.92	0.95	1	1	4.662994
SU7_str	BOBJ1	254.18	Before	Interior Girder 4	62.92	0.95	1	1	4.662994
SU7_str	BOBJ1	254.18	Before	Interior Girder 5	62.92	0.95	1	1	5.236115
SU7_str	BOBJ1	254.18	Before	Interior Girder 6	62.92	0.95	1	1	5.400139
SU7_str	BOBJ1	254.18	After	Interior Girder 1	62.92	0.95	1	1	4.774491
SU7_str	BOBJ1	254.18	After	Interior Girder 2	62.92	0.95	1	1	4.544725
SU7_str	BOBJ1	254.18	After	Interior Girder 3	62.92	0.95	1	1	3.812539
SU7_str	BOBJ1	254.18	After	Interior Girder 4	62.92	0.95	1	1	3.812539

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Approach, Span 7-11									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
SU7_str	BOBJ1	254.18	After	Interior Girder 5	62.92	0.95	1	1	4.544725
SU7_str	BOBJ1	254.18	After	Interior Girder 6	62.92	0.95	1	1	4.774491
SU7_str	BOBJ1	258.68	Before	Left Exterior Girder	67.42	0.95	1	1	6.972122
SU7_str	BOBJ1	258.68	Before	Interior Girder 1	67.42	0.95	1	1	4.711021
SU7_str	BOBJ1	258.68	Before	Interior Girder 2	67.42	0.95	1	1	4.484897
SU7_str	BOBJ1	258.68	Before	Interior Girder 3	67.42	0.95	1	1	3.761107
SU7_str	BOBJ1	258.68	Before	Interior Girder 4	67.42	0.95	1	1	3.761107
SU7_str	BOBJ1	258.68	Before	Interior Girder 5	67.42	0.95	1	1	4.484897
SU7_str	BOBJ1	258.68	Before	Interior Girder 6	67.42	0.95	1	1	4.711021
SU7_str	BOBJ1	258.68	Before	Right Exterior Girder	67.42	0.95	1	1	6.972122
SU7_str	BOBJ1	258.68	After	Left Exterior Girder	0	0.95	1	1	7.323146
SU7_str	BOBJ1	258.68	After	Interior Girder 1	0	0.95	1	1	4.627993
SU7_str	BOBJ1	258.68	After	Interior Girder 2	0	0.95	1	1	4.386273
SU7_str	BOBJ1	258.68	After	Interior Girder 3	0	0.95	1	1	3.649901
SU7_str	BOBJ1	258.68	After	Interior Girder 4	0	0.95	1	1	3.649901
SU7_str	BOBJ1	258.68	After	Interior Girder 5	0	0.95	1	1	4.386273
SU7_str	BOBJ1	258.68	After	Interior Girder 6	0	0.95	1	1	4.627993
SU7_str	BOBJ1	258.68	After	Right Exterior Girder	0	0.95	1	1	7.323146
SU7_str	BOBJ1	263.18	Before	Interior Girder 1	4.5	0.95	1	1	4.690698
SU7_str	BOBJ1	263.18	Before	Interior Girder 2	4.5	0.95	1	1	4.445133
SU7_str	BOBJ1	263.18	Before	Interior Girder 3	4.5	0.95	1	1	3.700032
SU7_str	BOBJ1	263.18	Before	Interior Girder 4	4.5	0.95	1	1	3.700032
SU7_str	BOBJ1	263.18	Before	Interior Girder 5	4.5	0.95	1	1	4.445133
SU7_str	BOBJ1	263.18	Before	Interior Girder 6	4.5	0.95	1	1	4.690698
SU7_str	BOBJ1	263.18	After	Interior Girder 1	4.5	0.95	1	1	5.375651
SU7_str	BOBJ1	263.18	After	Interior Girder 2	4.5	0.95	1	1	5.21733
SU7_str	BOBJ1	263.18	After	Interior Girder 3	4.5	0.95	1	1	4.610224
SU7_str	BOBJ1	263.18	After	Interior Girder 4	4.5	0.95	1	1	4.610224
SU7_str	BOBJ1	263.18	After	Interior Girder 5	4.5	0.95	1	1	5.21733
SU7_str	BOBJ1	263.18	After	Interior Girder 6	4.5	0.95	1	1	5.375651
SU7_str	BOBJ1	265.68	Before	Left Exterior Girder	7	0.95	1	1	6.591678
SU7_str	BOBJ1	265.68	Before	Right Exterior Girder	7	0.95	1	1	6.591678
SU7_str	BOBJ1	265.68	After	Left Exterior Girder	7	0.95	1	1	6.958044
SU7_str	BOBJ1	265.68	After	Right Exterior Girder	7	0.95	1	1	6.958044
SU7_str	BOBJ1	268.08	Before	Left Exterior Girder	9.4	0.95	1	1	6.992993
SU7_str	BOBJ1	268.08	Before	Interior Girder 1	9.4	0.95	1	1	5.987461
SU7_str	BOBJ1	268.08	Before	Interior Girder 2	9.4	0.95	1	1	5.290644
SU7_str	BOBJ1	268.08	Before	Interior Girder 3	9.4	0.95	1	1	4.676188
SU7_str	BOBJ1	268.08	Before	Interior Girder 4	9.4	0.95	1	1	4.676188
SU7_str	BOBJ1	268.08	Before	Interior Girder 5	9.4	0.95	1	1	5.290644
SU7_str	BOBJ1	268.08	Before	Interior Girder 6	9.4	0.95	1	1	5.987461
SU7_str	BOBJ1	268.08	Before	Right Exterior Girder	9.4	0.95	1	1	6.992993
SU7_str	BOBJ1	268.08	After	Left Exterior Girder	9.4	0.95	1	1	8.943602
SU7_str	BOBJ1	268.08	After	Interior Girder 1	9.4	0.95	1	1	7.990477
SU7_str	BOBJ1	268.08	After	Interior Girder 2	9.4	0.95	1	1	7.131019
SU7_str	BOBJ1	268.08	After	Interior Girder 3	9.4	0.95	1	1	6.558678
SU7_str	BOBJ1	268.08	After	Interior Girder 4	9.4	0.95	1	1	6.558678
SU7_str	BOBJ1	268.08	After	Interior Girder 5	9.4	0.95	1	1	7.131019
SU7_str	BOBJ1	268.08	After	Interior Girder 6	9.4	0.95	1	1	7.990477
SU7_str	BOBJ1	268.08	After	Right Exterior Girder	9.4	0.95	1	1	8.943602
SU7_str	BOBJ1	277.48	Before	Left Exterior Girder	18.8	0.95	1	1	9.112092
SU7_str	BOBJ1	277.48	Before	Interior Girder 1	18.8	0.95	1	1	8.203907
SU7_str	BOBJ1	277.48	Before	Interior Girder 2	18.8	0.95	1	1	7.319558
SU7_str	BOBJ1	277.48	Before	Interior Girder 3	18.8	0.95	1	1	6.734446
SU7_str	BOBJ1	277.48	Before	Interior Girder 4	18.8	0.95	1	1	6.734446
SU7_str	BOBJ1	277.48	Before	Interior Girder 5	18.8	0.95	1	1	7.319558
SU7_str	BOBJ1	277.48	Before	Interior Girder 6	18.8	0.95	1	1	8.203907
SU7_str	BOBJ1	277.48	Before	Right Exterior Girder	18.8	0.95	1	1	9.112092
SU7_str	BOBJ1	277.48	After	Left Exterior Girder	18.8	0.95	1	1	16.70878
SU7_str	BOBJ1	277.48	After	Interior Girder 1	18.8	0.95	1	1	9.271699
SU7_str	BOBJ1	277.48	After	Interior Girder 2	18.8	0.95	1	1	8.435827
SU7_str	BOBJ1	277.48	After	Interior Girder 3	18.8	0.95	1	1	7.323012
SU7_str	BOBJ1	277.48	After	Interior Girder 4	18.8	0.95	1	1	7.323012
SU7_str	BOBJ1	277.48	After	Interior Girder 5	18.8	0.95	1	1	8.435827
SU7_str	BOBJ1	277.48	After	Interior Girder 6	18.8	0.95	1	1	9.271699

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Approach, Span 7-11									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
SU7_str	BOBJ1	277.48	After	Right Exterior Girder	18.8	0.95	1	1	16.70878
SU7_str	BOBJ1	286.88	Before	Left Exterior Girder	28.2	0.95	1	1	17.007324
SU7_str	BOBJ1	286.88	Before	Interior Girder 1	28.2	0.95	1	1	9.510033
SU7_str	BOBJ1	286.88	Before	Interior Girder 2	28.2	0.95	1	1	8.652384
SU7_str	BOBJ1	286.88	Before	Interior Girder 3	28.2	0.95	1	1	7.510775
SU7_str	BOBJ1	286.88	Before	Interior Girder 4	28.2	0.95	1	1	7.510775
SU7_str	BOBJ1	286.88	Before	Interior Girder 5	28.2	0.95	1	1	8.652384
SU7_str	BOBJ1	286.88	Before	Interior Girder 6	28.2	0.95	1	1	9.510033
SU7_str	BOBJ1	286.88	Before	Right Exterior Girder	28.2	0.95	1	1	17.007324
SU7_str	BOBJ1	286.88	After	Left Exterior Girder	28.2	0.95	1	1	26.373271
SU7_str	BOBJ1	286.88	After	Interior Girder 1	28.2	0.95	1	1	13.336258
SU7_str	BOBJ1	286.88	After	Interior Girder 2	28.2	0.95	1	1	11.778707
SU7_str	BOBJ1	286.88	After	Interior Girder 3	28.2	0.95	1	1	10.005494
SU7_str	BOBJ1	286.88	After	Interior Girder 4	28.2	0.95	1	1	10.005494
SU7_str	BOBJ1	286.88	After	Interior Girder 5	28.2	0.95	1	1	11.778707
SU7_str	BOBJ1	286.88	After	Interior Girder 6	28.2	0.95	1	1	13.336258
SU7_str	BOBJ1	286.88	After	Right Exterior Girder	28.2	0.95	1	1	26.373271
SU7_str	BOBJ1	296.28	Before	Left Exterior Girder	37.6	0.95	1	1	26.821314
SU7_str	BOBJ1	296.28	Before	Interior Girder 1	37.6	0.95	1	1	13.019807
SU7_str	BOBJ1	296.28	Before	Interior Girder 2	37.6	0.95	1	1	11.498203
SU7_str	BOBJ1	296.28	Before	Interior Girder 3	37.6	0.95	1	1	9.767007
SU7_str	BOBJ1	296.28	Before	Interior Girder 4	37.6	0.95	1	1	9.767007
SU7_str	BOBJ1	296.28	Before	Interior Girder 5	37.6	0.95	1	1	11.498203
SU7_str	BOBJ1	296.28	Before	Interior Girder 6	37.6	0.95	1	1	13.019807
SU7_str	BOBJ1	296.28	Before	Right Exterior Girder	37.6	0.95	1	1	26.821314
SU7_str	BOBJ1	296.28	After	Left Exterior Girder	37.6	0.95	1	1	13.325029
SU7_str	BOBJ1	296.28	After	Interior Girder 1	37.6	0.95	1	1	11.85354
SU7_str	BOBJ1	296.28	After	Interior Girder 2	37.6	0.95	1	1	10.490881
SU7_str	BOBJ1	296.28	After	Interior Girder 3	37.6	0.95	1	1	10.083679
SU7_str	BOBJ1	296.28	After	Interior Girder 4	37.6	0.95	1	1	10.083679
SU7_str	BOBJ1	296.28	After	Interior Girder 5	37.6	0.95	1	1	10.490881
SU7_str	BOBJ1	296.28	After	Interior Girder 6	37.6	0.95	1	1	11.85354
SU7_str	BOBJ1	296.28	After	Right Exterior Girder	37.6	0.95	1	1	13.325029
SU7_str	BOBJ1	305.69	Before	Left Exterior Girder	47.01	0.95	1	1	13.096974
SU7_str	BOBJ1	305.69	Before	Interior Girder 1	47.01	0.95	1	1	11.559662
SU7_str	BOBJ1	305.69	Before	Interior Girder 2	47.01	0.95	1	1	10.232293
SU7_str	BOBJ1	305.69	Before	Interior Girder 3	47.01	0.95	1	1	9.834603
SU7_str	BOBJ1	305.69	Before	Interior Girder 4	47.01	0.95	1	1	9.834603
SU7_str	BOBJ1	305.69	Before	Interior Girder 5	47.01	0.95	1	1	10.232293
SU7_str	BOBJ1	305.69	Before	Interior Girder 6	47.01	0.95	1	1	11.559662
SU7_str	BOBJ1	305.69	Before	Right Exterior Girder	47.01	0.95	1	1	13.096974
SU7_str	BOBJ1	305.69	After	Left Exterior Girder	47.01	0.95	1	1	10.255389
SU7_str	BOBJ1	305.69	After	Interior Girder 1	47.01	0.95	1	1	7.119304
SU7_str	BOBJ1	305.69	After	Interior Girder 2	47.01	0.95	1	1	6.495224
SU7_str	BOBJ1	305.69	After	Interior Girder 3	47.01	0.95	1	1	6.024982
SU7_str	BOBJ1	305.69	After	Interior Girder 4	47.01	0.95	1	1	6.024982
SU7_str	BOBJ1	305.69	After	Interior Girder 5	47.01	0.95	1	1	6.495224
SU7_str	BOBJ1	305.69	After	Interior Girder 6	47.01	0.95	1	1	7.119304
SU7_str	BOBJ1	305.69	After	Right Exterior Girder	47.01	0.95	1	1	10.255389
SU7_str	BOBJ1	315.1	Before	Left Exterior Girder	56.42	0.95	1	1	10.070591
SU7_str	BOBJ1	315.1	Before	Interior Girder 1	56.42	0.95	1	1	6.937078
SU7_str	BOBJ1	315.1	Before	Interior Girder 2	56.42	0.95	1	1	6.32957
SU7_str	BOBJ1	315.1	Before	Interior Girder 3	56.42	0.95	1	1	5.870798
SU7_str	BOBJ1	315.1	Before	Interior Girder 4	56.42	0.95	1	1	5.870798
SU7_str	BOBJ1	315.1	Before	Interior Girder 5	56.42	0.95	1	1	6.32957
SU7_str	BOBJ1	315.1	Before	Interior Girder 6	56.42	0.95	1	1	6.937078
SU7_str	BOBJ1	315.1	Before	Right Exterior Girder	56.42	0.95	1	1	10.070591
Type 3_str	BOBJ1	0	After	Left Exterior Girder	0	0.95	1	1	14.347218
Type 3_str	BOBJ1	0	After	Interior Girder 1	0	0.95	1	1	9.491287
Type 3_str	BOBJ1	0	After	Interior Girder 2	0	0.95	1	1	8.767959
Type 3_str	BOBJ1	0	After	Interior Girder 3	0	0.95	1	1	7.977394
Type 3_str	BOBJ1	0	After	Interior Girder 4	0	0.95	1	1	7.977394
Type 3_str	BOBJ1	0	After	Interior Girder 5	0	0.95	1	1	8.767959
Type 3_str	BOBJ1	0	After	Interior Girder 6	0	0.95	1	1	9.491287
Type 3_str	BOBJ1	0	After	Right Exterior Girder	0	0.95	1	1	14.347218

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Approach, Span 7-11									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Type 3_str	BOBJ1	9.4	Before	Left Exterior Girder	9.4	0.95	1	1	14.609877
Type 3_str	BOBJ1	9.4	Before	Interior Girder 1	9.4	0.95	1	1	9.740383
Type 3_str	BOBJ1	9.4	Before	Interior Girder 2	9.4	0.95	1	1	8.997149
Type 3_str	BOBJ1	9.4	Before	Interior Girder 3	9.4	0.95	1	1	8.186587
Type 3_str	BOBJ1	9.4	Before	Interior Girder 4	9.4	0.95	1	1	8.186587
Type 3_str	BOBJ1	9.4	Before	Interior Girder 5	9.4	0.95	1	1	8.997149
Type 3_str	BOBJ1	9.4	Before	Interior Girder 6	9.4	0.95	1	1	9.740383
Type 3_str	BOBJ1	9.4	Before	Right Exterior Girder	9.4	0.95	1	1	14.609877
Type 3_str	BOBJ1	9.4	After	Left Exterior Girder	9.4	0.95	1	1	18.90122
Type 3_str	BOBJ1	9.4	After	Interior Girder 1	9.4	0.95	1	1	16.061954
Type 3_str	BOBJ1	9.4	After	Interior Girder 2	9.4	0.95	1	1	14.453416
Type 3_str	BOBJ1	9.4	After	Interior Girder 3	9.4	0.95	1	1	13.998727
Type 3_str	BOBJ1	9.4	After	Interior Girder 4	9.4	0.95	1	1	13.998727
Type 3_str	BOBJ1	9.4	After	Interior Girder 5	9.4	0.95	1	1	14.453416
Type 3_str	BOBJ1	9.4	After	Interior Girder 6	9.4	0.95	1	1	16.061954
Type 3_str	BOBJ1	9.4	After	Right Exterior Girder	9.4	0.95	1	1	18.90122
Type 3_str	BOBJ1	18.8	Before	Left Exterior Girder	18.8	0.95	1	1	19.229634
Type 3_str	BOBJ1	18.8	Before	Interior Girder 1	18.8	0.95	1	1	16.469893
Type 3_str	BOBJ1	18.8	Before	Interior Girder 2	18.8	0.95	1	1	14.818244
Type 3_str	BOBJ1	18.8	Before	Interior Girder 3	18.8	0.95	1	1	14.352763
Type 3_str	BOBJ1	18.8	Before	Interior Girder 4	18.8	0.95	1	1	14.352763
Type 3_str	BOBJ1	18.8	Before	Interior Girder 5	18.8	0.95	1	1	14.818244
Type 3_str	BOBJ1	18.8	Before	Interior Girder 6	18.8	0.95	1	1	16.469893
Type 3_str	BOBJ1	18.8	Before	Right Exterior Girder	18.8	0.95	1	1	19.229634
Type 3_str	BOBJ1	18.8	After	Left Exterior Girder	18.8	0.95	1	1	39.149519
Type 3_str	BOBJ1	18.8	After	Interior Girder 1	18.8	0.95	1	1	17.70044
Type 3_str	BOBJ1	18.8	After	Interior Girder 2	18.8	0.95	1	1	15.628847
Type 3_str	BOBJ1	18.8	After	Interior Girder 3	18.8	0.95	1	1	13.244662
Type 3_str	BOBJ1	18.8	After	Interior Girder 4	18.8	0.95	1	1	13.244662
Type 3_str	BOBJ1	18.8	After	Interior Girder 5	18.8	0.95	1	1	15.628847
Type 3_str	BOBJ1	18.8	After	Interior Girder 6	18.8	0.95	1	1	17.70044
Type 3_str	BOBJ1	18.8	After	Right Exterior Girder	18.8	0.95	1	1	39.149519
Type 3_str	BOBJ1	28.2	Before	Left Exterior Girder	28.2	0.95	1	1	38.495166
Type 3_str	BOBJ1	28.2	Before	Interior Girder 1	28.2	0.95	1	1	18.130471
Type 3_str	BOBJ1	28.2	Before	Interior Girder 2	28.2	0.95	1	1	16.010035
Type 3_str	BOBJ1	28.2	Before	Interior Girder 3	28.2	0.95	1	1	13.568026
Type 3_str	BOBJ1	28.2	Before	Interior Girder 4	28.2	0.95	1	1	13.568026
Type 3_str	BOBJ1	28.2	Before	Interior Girder 5	28.2	0.95	1	1	16.010035
Type 3_str	BOBJ1	28.2	Before	Interior Girder 6	28.2	0.95	1	1	18.130471
Type 3_str	BOBJ1	28.2	Before	Right Exterior Girder	28.2	0.95	1	1	38.495166
Type 3_str	BOBJ1	28.2	After	Left Exterior Girder	28.2	0.95	1	1	23.364934
Type 3_str	BOBJ1	28.2	After	Interior Girder 1	28.2	0.95	1	1	12.935412
Type 3_str	BOBJ1	28.2	After	Interior Girder 2	28.2	0.95	1	1	11.763186
Type 3_str	BOBJ1	28.2	After	Interior Girder 3	28.2	0.95	1	1	10.198446
Type 3_str	BOBJ1	28.2	After	Interior Girder 4	28.2	0.95	1	1	10.198446
Type 3_str	BOBJ1	28.2	After	Interior Girder 5	28.2	0.95	1	1	11.763186
Type 3_str	BOBJ1	28.2	After	Interior Girder 6	28.2	0.95	1	1	12.935412
Type 3_str	BOBJ1	28.2	After	Right Exterior Girder	28.2	0.95	1	1	23.364934
Type 3_str	BOBJ1	37.6	Before	Left Exterior Girder	37.6	0.95	1	1	22.954548
Type 3_str	BOBJ1	37.6	Before	Interior Girder 1	37.6	0.95	1	1	12.611088
Type 3_str	BOBJ1	37.6	Before	Interior Girder 2	37.6	0.95	1	1	11.468699
Type 3_str	BOBJ1	37.6	Before	Interior Girder 3	37.6	0.95	1	1	9.943463
Type 3_str	BOBJ1	37.6	Before	Interior Girder 4	37.6	0.95	1	1	9.943463
Type 3_str	BOBJ1	37.6	Before	Interior Girder 5	37.6	0.95	1	1	11.468699
Type 3_str	BOBJ1	37.6	Before	Interior Girder 6	37.6	0.95	1	1	12.611088
Type 3_str	BOBJ1	37.6	Before	Right Exterior Girder	37.6	0.95	1	1	22.954548
Type 3_str	BOBJ1	37.6	After	Left Exterior Girder	37.6	0.95	1	1	12.982627
Type 3_str	BOBJ1	37.6	After	Interior Girder 1	37.6	0.95	1	1	11.293061
Type 3_str	BOBJ1	37.6	After	Interior Girder 2	37.6	0.95	1	1	10.186328
Type 3_str	BOBJ1	37.6	After	Interior Girder 3	37.6	0.95	1	1	9.463884
Type 3_str	BOBJ1	37.6	After	Interior Girder 4	37.6	0.95	1	1	9.463884
Type 3_str	BOBJ1	37.6	After	Interior Girder 5	37.6	0.95	1	1	10.186328
Type 3_str	BOBJ1	37.6	After	Interior Girder 6	37.6	0.95	1	1	11.293061
Type 3_str	BOBJ1	37.6	After	Right Exterior Girder	37.6	0.95	1	1	12.982627
Type 3_str	BOBJ1	47.01	Before	Left Exterior Girder	47.01	0.95	1	1	12.742211

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Approach, Span 7-11									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Type 3_str	BOBJ1	47.01	Before	Interior Girder 1	47.01	0.95	1	1	10.99877
Type 3_str	BOBJ1	47.01	Before	Interior Girder 2	47.01	0.95	1	1	9.92357
Type 3_str	BOBJ1	47.01	Before	Interior Girder 3	47.01	0.95	1	1	9.216595
Type 3_str	BOBJ1	47.01	Before	Interior Girder 4	47.01	0.95	1	1	9.216595
Type 3_str	BOBJ1	47.01	Before	Interior Girder 5	47.01	0.95	1	1	9.92357
Type 3_str	BOBJ1	47.01	Before	Interior Girder 6	47.01	0.95	1	1	10.99877
Type 3_str	BOBJ1	47.01	Before	Right Exterior Girder	47.01	0.95	1	1	12.742211
Type 3_str	BOBJ1	47.01	After	Left Exterior Girder	47.01	0.95	1	1	10.565574
Type 3_str	BOBJ1	47.01	After	Interior Girder 1	47.01	0.95	1	1	7.689198
Type 3_str	BOBJ1	47.01	After	Interior Girder 2	47.01	0.95	1	1	6.902775
Type 3_str	BOBJ1	47.01	After	Interior Girder 3	47.01	0.95	1	1	5.831529
Type 3_str	BOBJ1	47.01	After	Interior Girder 4	47.01	0.95	1	1	5.831529
Type 3_str	BOBJ1	47.01	After	Interior Girder 5	47.01	0.95	1	1	6.902775
Type 3_str	BOBJ1	47.01	After	Interior Girder 6	47.01	0.95	1	1	7.689198
Type 3_str	BOBJ1	47.01	After	Right Exterior Girder	47.01	0.95	1	1	10.565574
Type 3_str	BOBJ1	49.42	Before	Left Exterior Girder	49.42	0.95	1	1	10.512529
Type 3_str	BOBJ1	49.42	Before	Right Exterior Girder	49.42	0.95	1	1	10.512529
Type 3_str	BOBJ1	49.42	After	Left Exterior Girder	49.42	0.95	1	1	9.485444
Type 3_str	BOBJ1	49.42	After	Right Exterior Girder	49.42	0.95	1	1	9.485444
Type 3_str	BOBJ1	51.92	Before	Interior Girder 1	51.92	0.95	1	1	7.190622
Type 3_str	BOBJ1	51.92	Before	Interior Girder 2	51.92	0.95	1	1	6.806884
Type 3_str	BOBJ1	51.92	Before	Interior Girder 3	51.92	0.95	1	1	5.74909
Type 3_str	BOBJ1	51.92	Before	Interior Girder 4	51.92	0.95	1	1	5.74909
Type 3_str	BOBJ1	51.92	Before	Interior Girder 5	51.92	0.95	1	1	6.806884
Type 3_str	BOBJ1	51.92	Before	Interior Girder 6	51.92	0.95	1	1	7.190622
Type 3_str	BOBJ1	51.92	After	Interior Girder 1	51.92	0.95	1	1	6.207615
Type 3_str	BOBJ1	51.92	After	Interior Girder 2	51.92	0.95	1	1	5.773211
Type 3_str	BOBJ1	51.92	After	Interior Girder 3	51.92	0.95	1	1	4.61812
Type 3_str	BOBJ1	51.92	After	Interior Girder 4	51.92	0.95	1	1	4.61812
Type 3_str	BOBJ1	51.92	After	Interior Girder 5	51.92	0.95	1	1	5.773211
Type 3_str	BOBJ1	51.92	After	Interior Girder 6	51.92	0.95	1	1	6.207615
Type 3_str	BOBJ1	56.42	Before	Left Exterior Girder	56.42	0.95	1	1	10.995173
Type 3_str	BOBJ1	56.42	Before	Interior Girder 1	56.42	0.95	1	1	6.124572
Type 3_str	BOBJ1	56.42	Before	Interior Girder 2	56.42	0.95	1	1	5.69673
Type 3_str	BOBJ1	56.42	Before	Interior Girder 3	56.42	0.95	1	1	4.555539
Type 3_str	BOBJ1	56.42	Before	Interior Girder 4	56.42	0.95	1	1	4.555539
Type 3_str	BOBJ1	56.42	Before	Interior Girder 5	56.42	0.95	1	1	5.69673
Type 3_str	BOBJ1	56.42	Before	Interior Girder 6	56.42	0.95	1	1	6.124572
Type 3_str	BOBJ1	56.42	Before	Right Exterior Girder	56.42	0.95	1	1	10.995173
Type 3_str	BOBJ1	56.42	After	Left Exterior Girder	0	0.95	1	1	10.449693
Type 3_str	BOBJ1	56.42	After	Interior Girder 1	0	0.95	1	1	6.208627
Type 3_str	BOBJ1	56.42	After	Interior Girder 2	0	0.95	1	1	5.834146
Type 3_str	BOBJ1	56.42	After	Interior Girder 3	0	0.95	1	1	4.662287
Type 3_str	BOBJ1	56.42	After	Interior Girder 4	0	0.95	1	1	4.662287
Type 3_str	BOBJ1	56.42	After	Interior Girder 5	0	0.95	1	1	5.834146
Type 3_str	BOBJ1	56.42	After	Interior Girder 6	0	0.95	1	1	6.208627
Type 3_str	BOBJ1	56.42	After	Right Exterior Girder	0	0.95	1	1	10.449693
Type 3_str	BOBJ1	60.92	Before	Interior Girder 1	4.5	0.95	1	1	6.292272
Type 3_str	BOBJ1	60.92	Before	Interior Girder 2	4.5	0.95	1	1	5.911966
Type 3_str	BOBJ1	60.92	Before	Interior Girder 3	4.5	0.95	1	1	4.72605
Type 3_str	BOBJ1	60.92	Before	Interior Girder 4	4.5	0.95	1	1	4.72605
Type 3_str	BOBJ1	60.92	Before	Interior Girder 5	4.5	0.95	1	1	5.911966
Type 3_str	BOBJ1	60.92	Before	Interior Girder 6	4.5	0.95	1	1	6.292272
Type 3_str	BOBJ1	60.92	After	Interior Girder 1	4.5	0.95	1	1	7.096512
Type 3_str	BOBJ1	60.92	After	Interior Girder 2	4.5	0.95	1	1	6.726492
Type 3_str	BOBJ1	60.92	After	Interior Girder 3	4.5	0.95	1	1	5.661275
Type 3_str	BOBJ1	60.92	After	Interior Girder 4	4.5	0.95	1	1	5.661275
Type 3_str	BOBJ1	60.92	After	Interior Girder 5	4.5	0.95	1	1	6.726492
Type 3_str	BOBJ1	60.92	After	Interior Girder 6	4.5	0.95	1	1	7.096512
Type 3_str	BOBJ1	63.42	Before	Left Exterior Girder	7	0.95	1	1	8.885756
Type 3_str	BOBJ1	63.42	Before	Right Exterior Girder	7	0.95	1	1	8.885756
Type 3_str	BOBJ1	63.42	After	Left Exterior Girder	7	0.95	1	1	9.354013
Type 3_str	BOBJ1	63.42	After	Right Exterior Girder	7	0.95	1	1	9.354013
Type 3_str	BOBJ1	64.845	Before	Left Exterior Girder	8.425	0.95	1	1	9.381859
Type 3_str	BOBJ1	64.845	Before	Interior Girder 1	8.425	0.95	1	1	7.807142

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Approach, Span 7-11									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Type 3_str	BOBJ1	64.845	Before	Interior Girder 2	8.425	0.95	1	1	6.801781
Type 3_str	BOBJ1	64.845	Before	Interior Girder 3	8.425	0.95	1	1	5.725936
Type 3_str	BOBJ1	64.845	Before	Interior Girder 4	8.425	0.95	1	1	5.725936
Type 3_str	BOBJ1	64.845	Before	Interior Girder 5	8.425	0.95	1	1	6.801781
Type 3_str	BOBJ1	64.845	Before	Interior Girder 6	8.425	0.95	1	1	7.807142
Type 3_str	BOBJ1	64.845	Before	Right Exterior Girder	8.425	0.95	1	1	9.381859
Type 3_str	BOBJ1	64.845	After	Left Exterior Girder	8.425	0.95	1	1	11.270168
Type 3_str	BOBJ1	64.845	After	Interior Girder 1	8.425	0.95	1	1	8.936539
Type 3_str	BOBJ1	64.845	After	Interior Girder 2	8.425	0.95	1	1	8.258157
Type 3_str	BOBJ1	64.845	After	Interior Girder 3	8.425	0.95	1	1	7.416047
Type 3_str	BOBJ1	64.845	After	Interior Girder 4	8.425	0.95	1	1	7.416047
Type 3_str	BOBJ1	64.845	After	Interior Girder 5	8.425	0.95	1	1	8.258157
Type 3_str	BOBJ1	64.845	After	Interior Girder 6	8.425	0.95	1	1	8.936539
Type 3_str	BOBJ1	64.845	After	Right Exterior Girder	8.425	0.95	1	1	11.270168
Type 3_str	BOBJ1	69.92	Before	Left Exterior Girder	13.5	0.95	1	1	11.385615
Type 3_str	BOBJ1	69.92	Before	Interior Girder 1	13.5	0.95	1	1	9.065311
Type 3_str	BOBJ1	69.92	Before	Interior Girder 2	13.5	0.95	1	1	8.375954
Type 3_str	BOBJ1	69.92	Before	Interior Girder 3	13.5	0.95	1	1	7.523659
Type 3_str	BOBJ1	69.92	Before	Interior Girder 4	13.5	0.95	1	1	7.523659
Type 3_str	BOBJ1	69.92	Before	Interior Girder 5	13.5	0.95	1	1	8.375954
Type 3_str	BOBJ1	69.92	Before	Interior Girder 6	13.5	0.95	1	1	9.065311
Type 3_str	BOBJ1	69.92	Before	Right Exterior Girder	13.5	0.95	1	1	11.385615
Type 3_str	BOBJ1	69.92	After	Left Exterior Girder	13.5	0.95	1	1	10.78201
Type 3_str	BOBJ1	69.92	After	Interior Girder 1	13.5	0.95	1	1	9.7561
Type 3_str	BOBJ1	69.92	After	Interior Girder 2	13.5	0.95	1	1	8.960008
Type 3_str	BOBJ1	69.92	After	Interior Girder 3	13.5	0.95	1	1	8.199969
Type 3_str	BOBJ1	69.92	After	Interior Girder 4	13.5	0.95	1	1	8.199969
Type 3_str	BOBJ1	69.92	After	Interior Girder 5	13.5	0.95	1	1	8.960008
Type 3_str	BOBJ1	69.92	After	Interior Girder 6	13.5	0.95	1	1	9.7561
Type 3_str	BOBJ1	69.92	After	Right Exterior Girder	13.5	0.95	1	1	10.78201
Type 3_str	BOBJ1	73.27	Before	Left Exterior Girder	16.85	0.95	1	1	10.85941
Type 3_str	BOBJ1	73.27	Before	Interior Girder 1	16.85	0.95	1	1	9.850699
Type 3_str	BOBJ1	73.27	Before	Interior Girder 2	16.85	0.95	1	1	9.045952
Type 3_str	BOBJ1	73.27	Before	Interior Girder 3	16.85	0.95	1	1	8.279905
Type 3_str	BOBJ1	73.27	Before	Interior Girder 4	16.85	0.95	1	1	8.279905
Type 3_str	BOBJ1	73.27	Before	Interior Girder 5	16.85	0.95	1	1	9.045952
Type 3_str	BOBJ1	73.27	Before	Interior Girder 6	16.85	0.95	1	1	9.850699
Type 3_str	BOBJ1	73.27	Before	Right Exterior Girder	16.85	0.95	1	1	10.85941
Type 3_str	BOBJ1	73.27	After	Left Exterior Girder	16.85	0.95	1	1	16.843091
Type 3_str	BOBJ1	73.27	After	Interior Girder 1	16.85	0.95	1	1	10.741878
Type 3_str	BOBJ1	73.27	After	Interior Girder 2	16.85	0.95	1	1	9.998894
Type 3_str	BOBJ1	73.27	After	Interior Girder 3	16.85	0.95	1	1	8.891028
Type 3_str	BOBJ1	73.27	After	Interior Girder 4	16.85	0.95	1	1	8.891028
Type 3_str	BOBJ1	73.27	After	Interior Girder 5	16.85	0.95	1	1	9.998894
Type 3_str	BOBJ1	73.27	After	Interior Girder 6	16.85	0.95	1	1	10.741878
Type 3_str	BOBJ1	73.27	After	Right Exterior Girder	16.85	0.95	1	1	16.843091
Type 3_str	BOBJ1	81.695	Before	Left Exterior Girder	25.275	0.95	1	1	17.136998
Type 3_str	BOBJ1	81.695	Before	Interior Girder 1	25.275	0.95	1	1	10.999492
Type 3_str	BOBJ1	81.695	Before	Interior Girder 2	25.275	0.95	1	1	10.23809
Type 3_str	BOBJ1	81.695	Before	Interior Girder 3	25.275	0.95	1	1	9.103575
Type 3_str	BOBJ1	81.695	Before	Interior Girder 4	25.275	0.95	1	1	9.103575
Type 3_str	BOBJ1	81.695	Before	Interior Girder 5	25.275	0.95	1	1	10.23809
Type 3_str	BOBJ1	81.695	Before	Interior Girder 6	25.275	0.95	1	1	10.999492
Type 3_str	BOBJ1	81.695	Before	Right Exterior Girder	25.275	0.95	1	1	17.136998
Type 3_str	BOBJ1	81.695	After	Left Exterior Girder	25.275	0.95	1	1	21.840597
Type 3_str	BOBJ1	81.695	After	Interior Girder 1	25.275	0.95	1	1	17.162423
Type 3_str	BOBJ1	81.695	After	Interior Girder 2	25.275	0.95	1	1	15.591448
Type 3_str	BOBJ1	81.695	After	Interior Girder 3	25.275	0.95	1	1	13.642665
Type 3_str	BOBJ1	81.695	After	Interior Girder 4	25.275	0.95	1	1	13.642665
Type 3_str	BOBJ1	81.695	After	Interior Girder 5	25.275	0.95	1	1	15.591448
Type 3_str	BOBJ1	81.695	After	Interior Girder 6	25.275	0.95	1	1	17.162423
Type 3_str	BOBJ1	81.695	After	Right Exterior Girder	25.275	0.95	1	1	21.840597
Type 3_str	BOBJ1	90.12	Before	Left Exterior Girder	33.7	0.95	1	1	22.202923
Type 3_str	BOBJ1	90.12	Before	Interior Girder 1	33.7	0.95	1	1	17.561646
Type 3_str	BOBJ1	90.12	Before	Interior Girder 2	33.7	0.95	1	1	15.827837

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Approach, Span 7-11									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Type 3_str	BOBJ1	90.12	Before	Interior Girder 3	33.7	0.95	1	1	13.343742
Type 3_str	BOBJ1	90.12	Before	Interior Girder 4	33.7	0.95	1	1	13.343742
Type 3_str	BOBJ1	90.12	Before	Interior Girder 5	33.7	0.95	1	1	15.827837
Type 3_str	BOBJ1	90.12	Before	Interior Girder 6	33.7	0.95	1	1	17.561646
Type 3_str	BOBJ1	90.12	Before	Right Exterior Girder	33.7	0.95	1	1	22.202923
Type 3_str	BOBJ1	90.12	After	Left Exterior Girder	33.7	0.95	1	1	23.304972
Type 3_str	BOBJ1	90.12	After	Interior Girder 1	33.7	0.95	1	1	18.010429
Type 3_str	BOBJ1	90.12	After	Interior Girder 2	33.7	0.95	1	1	15.753209
Type 3_str	BOBJ1	90.12	After	Interior Girder 3	33.7	0.95	1	1	13.283603
Type 3_str	BOBJ1	90.12	After	Interior Girder 4	33.7	0.95	1	1	13.283603
Type 3_str	BOBJ1	90.12	After	Interior Girder 5	33.7	0.95	1	1	15.753209
Type 3_str	BOBJ1	90.12	After	Interior Girder 6	33.7	0.95	1	1	18.010429
Type 3_str	BOBJ1	90.12	After	Right Exterior Girder	33.7	0.95	1	1	23.304972
Type 3_str	BOBJ1	98.545	Before	Left Exterior Girder	42.125	0.95	1	1	22.925841
Type 3_str	BOBJ1	98.545	Before	Interior Girder 1	42.125	0.95	1	1	17.601576
Type 3_str	BOBJ1	98.545	Before	Interior Girder 2	42.125	0.95	1	1	15.871223
Type 3_str	BOBJ1	98.545	Before	Interior Girder 3	42.125	0.95	1	1	13.581377
Type 3_str	BOBJ1	98.545	Before	Interior Girder 4	42.125	0.95	1	1	13.581377
Type 3_str	BOBJ1	98.545	Before	Interior Girder 5	42.125	0.95	1	1	15.871223
Type 3_str	BOBJ1	98.545	Before	Interior Girder 6	42.125	0.95	1	1	17.601576
Type 3_str	BOBJ1	98.545	Before	Right Exterior Girder	42.125	0.95	1	1	22.925841
Type 3_str	BOBJ1	98.545	After	Left Exterior Girder	42.125	0.95	1	1	17.721509
Type 3_str	BOBJ1	98.545	After	Interior Girder 1	42.125	0.95	1	1	11.176422
Type 3_str	BOBJ1	98.545	After	Interior Girder 2	42.125	0.95	1	1	10.356293
Type 3_str	BOBJ1	98.545	After	Interior Girder 3	42.125	0.95	1	1	9.172507
Type 3_str	BOBJ1	98.545	After	Interior Girder 4	42.125	0.95	1	1	9.172507
Type 3_str	BOBJ1	98.545	After	Interior Girder 5	42.125	0.95	1	1	10.356293
Type 3_str	BOBJ1	98.545	After	Interior Girder 6	42.125	0.95	1	1	11.176422
Type 3_str	BOBJ1	98.545	After	Right Exterior Girder	42.125	0.95	1	1	17.721509
Type 3_str	BOBJ1	106.97	Before	Left Exterior Girder	50.55	0.95	1	1	17.41859
Type 3_str	BOBJ1	106.97	Before	Interior Girder 1	50.55	0.95	1	1	10.915017
Type 3_str	BOBJ1	106.97	Before	Interior Girder 2	50.55	0.95	1	1	10.114512
Type 3_str	BOBJ1	106.97	Before	Interior Girder 3	50.55	0.95	1	1	8.95851
Type 3_str	BOBJ1	106.97	Before	Interior Girder 4	50.55	0.95	1	1	8.95851
Type 3_str	BOBJ1	106.97	Before	Interior Girder 5	50.55	0.95	1	1	10.114512
Type 3_str	BOBJ1	106.97	Before	Interior Girder 6	50.55	0.95	1	1	10.915017
Type 3_str	BOBJ1	106.97	Before	Right Exterior Girder	50.55	0.95	1	1	17.41859
Type 3_str	BOBJ1	106.97	After	Left Exterior Girder	50.55	0.95	1	1	10.932924
Type 3_str	BOBJ1	106.97	After	Interior Girder 1	50.55	0.95	1	1	10.046556
Type 3_str	BOBJ1	106.97	After	Interior Girder 2	50.55	0.95	1	1	9.257839
Type 3_str	BOBJ1	106.97	After	Interior Girder 3	50.55	0.95	1	1	8.545293
Type 3_str	BOBJ1	106.97	After	Interior Girder 4	50.55	0.95	1	1	8.545293
Type 3_str	BOBJ1	106.97	After	Interior Girder 5	50.55	0.95	1	1	9.257839
Type 3_str	BOBJ1	106.97	After	Interior Girder 6	50.55	0.95	1	1	10.046556
Type 3_str	BOBJ1	106.97	After	Right Exterior Girder	50.55	0.95	1	1	10.932924
Type 3_str	BOBJ1	115.405	Before	Left Exterior Girder	58.985	0.95	1	1	10.735666
Type 3_str	BOBJ1	115.405	Before	Interior Girder 1	58.985	0.95	1	1	9.802952
Type 3_str	BOBJ1	115.405	Before	Interior Girder 2	58.985	0.95	1	1	9.035912
Type 3_str	BOBJ1	115.405	Before	Interior Girder 3	58.985	0.95	1	1	8.337195
Type 3_str	BOBJ1	115.405	Before	Interior Girder 4	58.985	0.95	1	1	8.337195
Type 3_str	BOBJ1	115.405	Before	Interior Girder 5	58.985	0.95	1	1	9.035912
Type 3_str	BOBJ1	115.405	Before	Interior Girder 6	58.985	0.95	1	1	9.802952
Type 3_str	BOBJ1	115.405	Before	Right Exterior Girder	58.985	0.95	1	1	10.735666
Type 3_str	BOBJ1	115.405	After	Left Exterior Girder	58.985	0.95	1	1	7.053218
Type 3_str	BOBJ1	115.405	After	Interior Girder 1	58.985	0.95	1	1	8.325279
Type 3_str	BOBJ1	115.405	After	Interior Girder 2	58.985	0.95	1	1	6.52553
Type 3_str	BOBJ1	115.405	After	Interior Girder 3	58.985	0.95	1	1	5.464934
Type 3_str	BOBJ1	115.405	After	Interior Girder 4	58.985	0.95	1	1	5.464934
Type 3_str	BOBJ1	115.405	After	Interior Girder 5	58.985	0.95	1	1	6.52553
Type 3_str	BOBJ1	115.405	After	Interior Girder 6	58.985	0.95	1	1	8.325279
Type 3_str	BOBJ1	115.405	After	Right Exterior Girder	58.985	0.95	1	1	7.053218
Type 3_str	BOBJ1	116.34	Before	Left Exterior Girder	59.92	0.95	1	1	7.037755
Type 3_str	BOBJ1	116.34	Before	Right Exterior Girder	59.92	0.95	1	1	7.037755
Type 3_str	BOBJ1	116.34	After	Left Exterior Girder	59.92	0.95	1	1	6.614835
Type 3_str	BOBJ1	116.34	After	Right Exterior Girder	59.92	0.95	1	1	6.614835

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Approach, Span 7-11									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Type 3_str	BOBJ1	118.84	Before	Interior Girder 1	62.42	0.95	1	1	6.781222
Type 3_str	BOBJ1	118.84	Before	Interior Girder 2	62.42	0.95	1	1	6.459978
Type 3_str	BOBJ1	118.84	Before	Interior Girder 3	62.42	0.95	1	1	5.408907
Type 3_str	BOBJ1	118.84	Before	Interior Girder 4	62.42	0.95	1	1	5.408907
Type 3_str	BOBJ1	118.84	Before	Interior Girder 5	62.42	0.95	1	1	6.459978
Type 3_str	BOBJ1	118.84	Before	Interior Girder 6	62.42	0.95	1	1	6.781222
Type 3_str	BOBJ1	118.84	After	Interior Girder 1	62.42	0.95	1	1	6.084772
Type 3_str	BOBJ1	118.84	After	Interior Girder 2	62.42	0.95	1	1	5.714377
Type 3_str	BOBJ1	118.84	After	Interior Girder 3	62.42	0.95	1	1	4.588766
Type 3_str	BOBJ1	118.84	After	Interior Girder 4	62.42	0.95	1	1	4.588766
Type 3_str	BOBJ1	118.84	After	Interior Girder 5	62.42	0.95	1	1	5.714377
Type 3_str	BOBJ1	118.84	After	Interior Girder 6	62.42	0.95	1	1	6.084772
Type 3_str	BOBJ1	123.84	Before	Left Exterior Girder	67.42	0.95	1	1	9.47609
Type 3_str	BOBJ1	123.84	Before	Interior Girder 1	67.42	0.95	1	1	5.989552
Type 3_str	BOBJ1	123.84	Before	Interior Girder 2	67.42	0.95	1	1	5.625939
Type 3_str	BOBJ1	123.84	Before	Interior Girder 3	67.42	0.95	1	1	4.515968
Type 3_str	BOBJ1	123.84	Before	Interior Girder 4	67.42	0.95	1	1	4.515968
Type 3_str	BOBJ1	123.84	Before	Interior Girder 5	67.42	0.95	1	1	5.625939
Type 3_str	BOBJ1	123.84	Before	Interior Girder 6	67.42	0.95	1	1	5.989552
Type 3_str	BOBJ1	123.84	Before	Right Exterior Girder	67.42	0.95	1	1	9.47609
Type 3_str	BOBJ1	123.84	After	Left Exterior Girder	0	0.95	1	1	9.376631
Type 3_str	BOBJ1	123.84	After	Interior Girder 1	0	0.95	1	1	5.974059
Type 3_str	BOBJ1	123.84	After	Interior Girder 2	0	0.95	1	1	5.615188
Type 3_str	BOBJ1	123.84	After	Interior Girder 3	0	0.95	1	1	4.510508
Type 3_str	BOBJ1	123.84	After	Interior Girder 4	0	0.95	1	1	4.510508
Type 3_str	BOBJ1	123.84	After	Interior Girder 5	0	0.95	1	1	5.615188
Type 3_str	BOBJ1	123.84	After	Interior Girder 6	0	0.95	1	1	5.974059
Type 3_str	BOBJ1	123.84	After	Right Exterior Girder	0	0.95	1	1	9.376631
Type 3_str	BOBJ1	128.84	Before	Interior Girder 1	5	0.95	1	1	6.069118
Type 3_str	BOBJ1	128.84	Before	Interior Girder 2	5	0.95	1	1	5.703515
Type 3_str	BOBJ1	128.84	Before	Interior Girder 3	5	0.95	1	1	4.58326
Type 3_str	BOBJ1	128.84	Before	Interior Girder 4	5	0.95	1	1	4.58326
Type 3_str	BOBJ1	128.84	Before	Interior Girder 5	5	0.95	1	1	5.703515
Type 3_str	BOBJ1	128.84	Before	Interior Girder 6	5	0.95	1	1	6.069118
Type 3_str	BOBJ1	128.84	After	Interior Girder 1	5	0.95	1	1	6.755779
Type 3_str	BOBJ1	128.84	After	Interior Girder 2	5	0.95	1	1	6.442806
Type 3_str	BOBJ1	128.84	After	Interior Girder 3	5	0.95	1	1	5.398494
Type 3_str	BOBJ1	128.84	After	Interior Girder 4	5	0.95	1	1	5.398494
Type 3_str	BOBJ1	128.84	After	Interior Girder 5	5	0.95	1	1	6.442806
Type 3_str	BOBJ1	128.84	After	Interior Girder 6	5	0.95	1	1	6.755779
Type 3_str	BOBJ1	131.34	Before	Left Exterior Girder	7.5	0.95	1	1	6.544442
Type 3_str	BOBJ1	131.34	Before	Right Exterior Girder	7.5	0.95	1	1	6.544442
Type 3_str	BOBJ1	131.34	After	Left Exterior Girder	7.5	0.95	1	1	6.954033
Type 3_str	BOBJ1	131.34	After	Right Exterior Girder	7.5	0.95	1	1	6.954033
Type 3_str	BOBJ1	132.265	Before	Left Exterior Girder	8.425	0.95	1	1	6.969171
Type 3_str	BOBJ1	132.265	Before	Interior Girder 1	8.425	0.95	1	1	8.313294
Type 3_str	BOBJ1	132.265	Before	Interior Girder 2	8.425	0.95	1	1	6.508034
Type 3_str	BOBJ1	132.265	Before	Interior Girder 3	8.425	0.95	1	1	5.454282
Type 3_str	BOBJ1	132.265	Before	Interior Girder 4	8.425	0.95	1	1	5.454282
Type 3_str	BOBJ1	132.265	Before	Interior Girder 5	8.425	0.95	1	1	6.508034
Type 3_str	BOBJ1	132.265	Before	Interior Girder 6	8.425	0.95	1	1	8.313294
Type 3_str	BOBJ1	132.265	Before	Right Exterior Girder	8.425	0.95	1	1	6.969171
Type 3_str	BOBJ1	132.265	After	Left Exterior Girder	8.425	0.95	1	1	10.608321
Type 3_str	BOBJ1	132.265	After	Interior Girder 1	8.425	0.95	1	1	9.7324
Type 3_str	BOBJ1	132.265	After	Interior Girder 2	8.425	0.95	1	1	8.993096
Type 3_str	BOBJ1	132.265	After	Interior Girder 3	8.425	0.95	1	1	8.301294
Type 3_str	BOBJ1	132.265	After	Interior Girder 4	8.425	0.95	1	1	8.301294
Type 3_str	BOBJ1	132.265	After	Interior Girder 5	8.425	0.95	1	1	8.993096
Type 3_str	BOBJ1	132.265	After	Interior Girder 6	8.425	0.95	1	1	9.7324
Type 3_str	BOBJ1	132.265	After	Right Exterior Girder	8.425	0.95	1	1	10.608321
Type 3_str	BOBJ1	140.69	Before	Left Exterior Girder	16.85	0.95	1	1	10.803206
Type 3_str	BOBJ1	140.69	Before	Interior Girder 1	16.85	0.95	1	1	9.974188
Type 3_str	BOBJ1	140.69	Before	Interior Girder 2	16.85	0.95	1	1	9.213859
Type 3_str	BOBJ1	140.69	Before	Interior Girder 3	16.85	0.95	1	1	8.508371
Type 3_str	BOBJ1	140.69	Before	Interior Girder 4	16.85	0.95	1	1	8.508371

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Approach, Span 7-11									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Type 3_str	BOBJ1	140.69	Before	Interior Girder 5	16.85	0.95	1	1	9.213859
Type 3_str	BOBJ1	140.69	Before	Interior Girder 6	16.85	0.95	1	1	9.974188
Type 3_str	BOBJ1	140.69	Before	Right Exterior Girder	16.85	0.95	1	1	10.803206
Type 3_str	BOBJ1	140.69	After	Left Exterior Girder	16.85	0.95	1	1	17.156921
Type 3_str	BOBJ1	140.69	After	Interior Girder 1	16.85	0.95	1	1	10.818153
Type 3_str	BOBJ1	140.69	After	Interior Girder 2	16.85	0.95	1	1	10.052953
Type 3_str	BOBJ1	140.69	After	Interior Girder 3	16.85	0.95	1	1	8.932283
Type 3_str	BOBJ1	140.69	After	Interior Girder 4	16.85	0.95	1	1	8.932283
Type 3_str	BOBJ1	140.69	After	Interior Girder 5	16.85	0.95	1	1	10.052953
Type 3_str	BOBJ1	140.69	After	Interior Girder 6	16.85	0.95	1	1	10.818153
Type 3_str	BOBJ1	140.69	After	Right Exterior Girder	16.85	0.95	1	1	17.156921
Type 3_str	BOBJ1	149.115	Before	Left Exterior Girder	25.275	0.95	1	1	17.455652
Type 3_str	BOBJ1	149.115	Before	Interior Girder 1	25.275	0.95	1	1	11.0775
Type 3_str	BOBJ1	149.115	Before	Interior Girder 2	25.275	0.95	1	1	10.293416
Type 3_str	BOBJ1	149.115	Before	Interior Girder 3	25.275	0.95	1	1	9.145729
Type 3_str	BOBJ1	149.115	Before	Interior Girder 4	25.275	0.95	1	1	9.145729
Type 3_str	BOBJ1	149.115	Before	Interior Girder 5	25.275	0.95	1	1	10.293416
Type 3_str	BOBJ1	149.115	Before	Interior Girder 6	25.275	0.95	1	1	11.0775
Type 3_str	BOBJ1	149.115	Before	Right Exterior Girder	25.275	0.95	1	1	17.455652
Type 3_str	BOBJ1	149.115	After	Left Exterior Girder	25.275	0.95	1	1	22.359579
Type 3_str	BOBJ1	149.115	After	Interior Girder 1	25.275	0.95	1	1	17.326275
Type 3_str	BOBJ1	149.115	After	Interior Girder 2	25.275	0.95	1	1	15.709064
Type 3_str	BOBJ1	149.115	After	Interior Girder 3	25.275	0.95	1	1	13.630868
Type 3_str	BOBJ1	149.115	After	Interior Girder 4	25.275	0.95	1	1	13.630868
Type 3_str	BOBJ1	149.115	After	Interior Girder 5	25.275	0.95	1	1	15.709064
Type 3_str	BOBJ1	149.115	After	Interior Girder 6	25.275	0.95	1	1	17.326275
Type 3_str	BOBJ1	149.115	After	Right Exterior Girder	25.275	0.95	1	1	22.359579
Type 3_str	BOBJ1	157.54	Before	Left Exterior Girder	33.7	0.95	1	1	22.729781
Type 3_str	BOBJ1	157.54	Before	Interior Girder 1	33.7	0.95	1	1	17.729131
Type 3_str	BOBJ1	157.54	Before	Interior Girder 2	33.7	0.95	1	1	15.823227
Type 3_str	BOBJ1	157.54	Before	Interior Girder 3	33.7	0.95	1	1	13.3321
Type 3_str	BOBJ1	157.54	Before	Interior Girder 4	33.7	0.95	1	1	13.3321
Type 3_str	BOBJ1	157.54	Before	Interior Girder 5	33.7	0.95	1	1	15.823227
Type 3_str	BOBJ1	157.54	Before	Interior Girder 6	33.7	0.95	1	1	17.729131
Type 3_str	BOBJ1	157.54	Before	Right Exterior Girder	33.7	0.95	1	1	22.729781
Type 3_str	BOBJ1	157.54	After	Left Exterior Girder	33.7	0.95	1	1	22.763319
Type 3_str	BOBJ1	157.54	After	Interior Girder 1	33.7	0.95	1	1	17.740993
Type 3_str	BOBJ1	157.54	After	Interior Girder 2	33.7	0.95	1	1	15.817297
Type 3_str	BOBJ1	157.54	After	Interior Girder 3	33.7	0.95	1	1	13.324953
Type 3_str	BOBJ1	157.54	After	Interior Girder 4	33.7	0.95	1	1	13.324953
Type 3_str	BOBJ1	157.54	After	Interior Girder 5	33.7	0.95	1	1	15.817297
Type 3_str	BOBJ1	157.54	After	Interior Girder 6	33.7	0.95	1	1	17.740993
Type 3_str	BOBJ1	157.54	After	Right Exterior Girder	33.7	0.95	1	1	22.763319
Type 3_str	BOBJ1	165.965	Before	Left Exterior Girder	42.125	0.95	1	1	22.392597
Type 3_str	BOBJ1	165.965	Before	Interior Girder 1	42.125	0.95	1	1	17.337876
Type 3_str	BOBJ1	165.965	Before	Interior Girder 2	42.125	0.95	1	1	15.719159
Type 3_str	BOBJ1	165.965	Before	Interior Girder 3	42.125	0.95	1	1	13.623574
Type 3_str	BOBJ1	165.965	Before	Interior Girder 4	42.125	0.95	1	1	13.623574
Type 3_str	BOBJ1	165.965	Before	Interior Girder 5	42.125	0.95	1	1	15.719159
Type 3_str	BOBJ1	165.965	Before	Interior Girder 6	42.125	0.95	1	1	17.337876
Type 3_str	BOBJ1	165.965	Before	Right Exterior Girder	42.125	0.95	1	1	22.392597
Type 3_str	BOBJ1	165.965	After	Left Exterior Girder	42.125	0.95	1	1	17.474485
Type 3_str	BOBJ1	165.965	After	Interior Girder 1	42.125	0.95	1	1	11.082381
Type 3_str	BOBJ1	165.965	After	Interior Girder 2	42.125	0.95	1	1	10.297814
Type 3_str	BOBJ1	165.965	After	Interior Girder 3	42.125	0.95	1	1	9.149607
Type 3_str	BOBJ1	165.965	After	Interior Girder 4	42.125	0.95	1	1	9.149607
Type 3_str	BOBJ1	165.965	After	Interior Girder 5	42.125	0.95	1	1	10.297814
Type 3_str	BOBJ1	165.965	After	Interior Girder 6	42.125	0.95	1	1	11.082381
Type 3_str	BOBJ1	165.965	After	Right Exterior Girder	42.125	0.95	1	1	17.474485
Type 3_str	BOBJ1	174.39	Before	Left Exterior Girder	50.55	0.95	1	1	17.175455
Type 3_str	BOBJ1	174.39	Before	Interior Girder 1	50.55	0.95	1	1	10.822925
Type 3_str	BOBJ1	174.39	Before	Interior Girder 2	50.55	0.95	1	1	10.057253
Type 3_str	BOBJ1	174.39	Before	Interior Girder 3	50.55	0.95	1	1	8.936081
Type 3_str	BOBJ1	174.39	Before	Interior Girder 4	50.55	0.95	1	1	8.936081
Type 3_str	BOBJ1	174.39	Before	Interior Girder 5	50.55	0.95	1	1	10.057253

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Approach, Span 7-11									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Type 3_str	BOBJ1	174.39	Before	Interior Girder 6	50.55	0.95	1	1	10.822925
Type 3_str	BOBJ1	174.39	Before	Right Exterior Girder	50.55	0.95	1	1	17.175455
Type 3_str	BOBJ1	174.39	After	Left Exterior Girder	50.55	0.95	1	1	10.812486
Type 3_str	BOBJ1	174.39	After	Interior Girder 1	50.55	0.95	1	1	9.978264
Type 3_str	BOBJ1	174.39	After	Interior Girder 2	50.55	0.95	1	1	9.215749
Type 3_str	BOBJ1	174.39	After	Interior Girder 3	50.55	0.95	1	1	8.516325
Type 3_str	BOBJ1	174.39	After	Interior Girder 4	50.55	0.95	1	1	8.516325
Type 3_str	BOBJ1	174.39	After	Interior Girder 5	50.55	0.95	1	1	9.215749
Type 3_str	BOBJ1	174.39	After	Interior Girder 6	50.55	0.95	1	1	9.978264
Type 3_str	BOBJ1	174.39	After	Right Exterior Girder	50.55	0.95	1	1	10.812486
Type 3_str	BOBJ1	182.825	Before	Left Exterior Girder	58.985	0.95	1	1	10.617225
Type 3_str	BOBJ1	182.825	Before	Interior Girder 1	58.985	0.95	1	1	9.73608
Type 3_str	BOBJ1	182.825	Before	Interior Girder 2	58.985	0.95	1	1	8.994669
Type 3_str	BOBJ1	182.825	Before	Interior Girder 3	58.985	0.95	1	1	8.308833
Type 3_str	BOBJ1	182.825	Before	Interior Girder 4	58.985	0.95	1	1	8.308833
Type 3_str	BOBJ1	182.825	Before	Interior Girder 5	58.985	0.95	1	1	8.994669
Type 3_str	BOBJ1	182.825	Before	Interior Girder 6	58.985	0.95	1	1	9.73608
Type 3_str	BOBJ1	182.825	Before	Right Exterior Girder	58.985	0.95	1	1	10.617225
Type 3_str	BOBJ1	182.825	After	Left Exterior Girder	58.985	0.95	1	1	6.994756
Type 3_str	BOBJ1	182.825	After	Interior Girder 1	58.985	0.95	1	1	8.29486
Type 3_str	BOBJ1	182.825	After	Interior Girder 2	58.985	0.95	1	1	6.506092
Type 3_str	BOBJ1	182.825	After	Interior Girder 3	58.985	0.95	1	1	5.456181
Type 3_str	BOBJ1	182.825	After	Interior Girder 4	58.985	0.95	1	1	5.456181
Type 3_str	BOBJ1	182.825	After	Interior Girder 5	58.985	0.95	1	1	6.506092
Type 3_str	BOBJ1	182.825	After	Interior Girder 6	58.985	0.95	1	1	8.29486
Type 3_str	BOBJ1	182.825	After	Right Exterior Girder	58.985	0.95	1	1	6.994756
Type 3_str	BOBJ1	183.76	Before	Left Exterior Girder	59.92	0.95	1	1	6.979407
Type 3_str	BOBJ1	183.76	Before	Right Exterior Girder	59.92	0.95	1	1	6.979407
Type 3_str	BOBJ1	183.76	After	Left Exterior Girder	59.92	0.95	1	1	6.56531
Type 3_str	BOBJ1	183.76	After	Right Exterior Girder	59.92	0.95	1	1	6.56531
Type 3_str	BOBJ1	186.26	Before	Interior Girder 1	62.42	0.95	1	1	6.75505
Type 3_str	BOBJ1	186.26	Before	Interior Girder 2	62.42	0.95	1	1	6.440686
Type 3_str	BOBJ1	186.26	Before	Interior Girder 3	62.42	0.95	1	1	5.400215
Type 3_str	BOBJ1	186.26	Before	Interior Girder 4	62.42	0.95	1	1	5.400215
Type 3_str	BOBJ1	186.26	Before	Interior Girder 5	62.42	0.95	1	1	6.440686
Type 3_str	BOBJ1	186.26	Before	Interior Girder 6	62.42	0.95	1	1	6.75505
Type 3_str	BOBJ1	186.26	After	Interior Girder 1	62.42	0.95	1	1	6.066023
Type 3_str	BOBJ1	186.26	After	Interior Girder 2	62.42	0.95	1	1	5.700137
Type 3_str	BOBJ1	186.26	After	Interior Girder 3	62.42	0.95	1	1	4.582729
Type 3_str	BOBJ1	186.26	After	Interior Girder 4	62.42	0.95	1	1	4.582729
Type 3_str	BOBJ1	186.26	After	Interior Girder 5	62.42	0.95	1	1	5.700137
Type 3_str	BOBJ1	186.26	After	Interior Girder 6	62.42	0.95	1	1	6.066023
Type 3_str	BOBJ1	191.26	Before	Left Exterior Girder	67.42	0.95	1	1	9.382517
Type 3_str	BOBJ1	191.26	Before	Interior Girder 1	67.42	0.95	1	1	5.971
Type 3_str	BOBJ1	191.26	Before	Interior Girder 2	67.42	0.95	1	1	5.611851
Type 3_str	BOBJ1	191.26	Before	Interior Girder 3	67.42	0.95	1	1	4.509989
Type 3_str	BOBJ1	191.26	Before	Interior Girder 4	67.42	0.95	1	1	4.509989
Type 3_str	BOBJ1	191.26	Before	Interior Girder 5	67.42	0.95	1	1	5.611851
Type 3_str	BOBJ1	191.26	Before	Interior Girder 6	67.42	0.95	1	1	5.971
Type 3_str	BOBJ1	191.26	Before	Right Exterior Girder	67.42	0.95	1	1	9.382517
Type 3_str	BOBJ1	191.26	After	Left Exterior Girder	0	0.95	1	1	9.468083
Type 3_str	BOBJ1	191.26	After	Interior Girder 1	0	0.95	1	1	5.991592
Type 3_str	BOBJ1	191.26	After	Interior Girder 2	0	0.95	1	1	5.628597
Type 3_str	BOBJ1	191.26	After	Interior Girder 3	0	0.95	1	1	4.515973
Type 3_str	BOBJ1	191.26	After	Interior Girder 4	0	0.95	1	1	4.515973
Type 3_str	BOBJ1	191.26	After	Interior Girder 5	0	0.95	1	1	5.628597
Type 3_str	BOBJ1	191.26	After	Interior Girder 6	0	0.95	1	1	5.991592
Type 3_str	BOBJ1	191.26	After	Right Exterior Girder	0	0.95	1	1	9.468083
Type 3_str	BOBJ1	196.26	Before	Interior Girder 1	5	0.95	1	1	6.086849
Type 3_str	BOBJ1	196.26	Before	Interior Girder 2	5	0.95	1	1	5.717076
Type 3_str	BOBJ1	196.26	Before	Interior Girder 3	5	0.95	1	1	4.588783
Type 3_str	BOBJ1	196.26	Before	Interior Girder 4	5	0.95	1	1	4.588783
Type 3_str	BOBJ1	196.26	Before	Interior Girder 5	5	0.95	1	1	5.717076
Type 3_str	BOBJ1	196.26	Before	Interior Girder 6	5	0.95	1	1	6.086849
Type 3_str	BOBJ1	196.26	After	Interior Girder 1	5	0.95	1	1	6.7808

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Approach, Span 7-11									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Type 3_str	BOBJ1	196.26	After	Interior Girder 2	5	0.95	1	1	6.46131
Type 3_str	BOBJ1	196.26	After	Interior Girder 3	5	0.95	1	1	5.406587
Type 3_str	BOBJ1	196.26	After	Interior Girder 4	5	0.95	1	1	5.406587
Type 3_str	BOBJ1	196.26	After	Interior Girder 5	5	0.95	1	1	6.46131
Type 3_str	BOBJ1	196.26	After	Interior Girder 6	5	0.95	1	1	6.7808
Type 3_str	BOBJ1	198.76	Before	Left Exterior Girder	7.5	0.95	1	1	6.591005
Type 3_str	BOBJ1	198.76	Before	Right Exterior Girder	7.5	0.95	1	1	6.591005
Type 3_str	BOBJ1	198.76	After	Left Exterior Girder	7.5	0.95	1	1	7.009191
Type 3_str	BOBJ1	198.76	After	Right Exterior Girder	7.5	0.95	1	1	7.009191
Type 3_str	BOBJ1	199.685	Before	Left Exterior Girder	8.425	0.95	1	1	7.024441
Type 3_str	BOBJ1	199.685	Before	Interior Girder 1	8.425	0.95	1	1	8.343284
Type 3_str	BOBJ1	199.685	Before	Interior Girder 2	8.425	0.95	1	1	6.526684
Type 3_str	BOBJ1	199.685	Before	Interior Girder 3	8.425	0.95	1	1	5.462436
Type 3_str	BOBJ1	199.685	Before	Interior Girder 4	8.425	0.95	1	1	5.462436
Type 3_str	BOBJ1	199.685	Before	Interior Girder 5	8.425	0.95	1	1	6.526684
Type 3_str	BOBJ1	199.685	Before	Interior Girder 6	8.425	0.95	1	1	8.343284
Type 3_str	BOBJ1	199.685	Before	Right Exterior Girder	8.425	0.95	1	1	7.024441
Type 3_str	BOBJ1	199.685	After	Left Exterior Girder	8.425	0.95	1	1	10.723769
Type 3_str	BOBJ1	199.685	After	Interior Girder 1	8.425	0.95	1	1	9.797487
Type 3_str	BOBJ1	199.685	After	Interior Girder 2	8.425	0.95	1	1	9.03317
Type 3_str	BOBJ1	199.685	After	Interior Girder 3	8.425	0.95	1	1	8.32871
Type 3_str	BOBJ1	199.685	After	Interior Girder 4	8.425	0.95	1	1	8.32871
Type 3_str	BOBJ1	199.685	After	Interior Girder 5	8.425	0.95	1	1	9.03317
Type 3_str	BOBJ1	199.685	After	Interior Girder 6	8.425	0.95	1	1	9.797487
Type 3_str	BOBJ1	199.685	After	Right Exterior Girder	8.425	0.95	1	1	10.723769
Type 3_str	BOBJ1	208.11	Before	Left Exterior Girder	16.85	0.95	1	1	10.920647
Type 3_str	BOBJ1	208.11	Before	Interior Girder 1	16.85	0.95	1	1	10.040689
Type 3_str	BOBJ1	208.11	Before	Interior Girder 2	16.85	0.95	1	1	9.254776
Type 3_str	BOBJ1	208.11	Before	Interior Girder 3	16.85	0.95	1	1	8.53639
Type 3_str	BOBJ1	208.11	Before	Interior Girder 4	16.85	0.95	1	1	8.53639
Type 3_str	BOBJ1	208.11	Before	Interior Girder 5	16.85	0.95	1	1	9.254776
Type 3_str	BOBJ1	208.11	Before	Interior Girder 6	16.85	0.95	1	1	10.040689
Type 3_str	BOBJ1	208.11	Before	Right Exterior Girder	16.85	0.95	1	1	10.920647
Type 3_str	BOBJ1	208.11	After	Left Exterior Girder	16.85	0.95	1	1	17.39518
Type 3_str	BOBJ1	208.11	After	Interior Girder 1	16.85	0.95	1	1	10.908122
Type 3_str	BOBJ1	208.11	After	Interior Girder 2	16.85	0.95	1	1	10.108938
Type 3_str	BOBJ1	208.11	After	Interior Girder 3	16.85	0.95	1	1	8.95391
Type 3_str	BOBJ1	208.11	After	Interior Girder 4	16.85	0.95	1	1	8.95391
Type 3_str	BOBJ1	208.11	After	Interior Girder 5	16.85	0.95	1	1	10.108938
Type 3_str	BOBJ1	208.11	After	Interior Girder 6	16.85	0.95	1	1	10.908122
Type 3_str	BOBJ1	208.11	After	Right Exterior Girder	16.85	0.95	1	1	17.39518
Type 3_str	BOBJ1	216.535	Before	Left Exterior Girder	25.275	0.95	1	1	17.697793
Type 3_str	BOBJ1	216.535	Before	Interior Girder 1	25.275	0.95	1	1	11.169412
Type 3_str	BOBJ1	216.535	Before	Interior Girder 2	25.275	0.95	1	1	10.350619
Type 3_str	BOBJ1	216.535	Before	Interior Girder 3	25.275	0.95	1	1	9.167827
Type 3_str	BOBJ1	216.535	Before	Interior Girder 4	25.275	0.95	1	1	9.167827
Type 3_str	BOBJ1	216.535	Before	Interior Girder 5	25.275	0.95	1	1	10.350619
Type 3_str	BOBJ1	216.535	Before	Interior Girder 6	25.275	0.95	1	1	11.169412
Type 3_str	BOBJ1	216.535	Before	Right Exterior Girder	25.275	0.95	1	1	17.697793
Type 3_str	BOBJ1	216.535	After	Left Exterior Girder	25.275	0.95	1	1	22.88621
Type 3_str	BOBJ1	216.535	After	Interior Girder 1	25.275	0.95	1	1	17.586134
Type 3_str	BOBJ1	216.535	After	Interior Girder 2	25.275	0.95	1	1	15.859076
Type 3_str	BOBJ1	216.535	After	Interior Girder 3	25.275	0.95	1	1	13.58973
Type 3_str	BOBJ1	216.535	After	Interior Girder 4	25.275	0.95	1	1	13.58973
Type 3_str	BOBJ1	216.535	After	Interior Girder 5	25.275	0.95	1	1	15.859076
Type 3_str	BOBJ1	216.535	After	Interior Girder 6	25.275	0.95	1	1	17.586134
Type 3_str	BOBJ1	216.535	After	Right Exterior Girder	25.275	0.95	1	1	22.88621
Type 3_str	BOBJ1	224.96	Before	Left Exterior Girder	33.7	0.95	1	1	23.264806
Type 3_str	BOBJ1	224.96	Before	Interior Girder 1	33.7	0.95	1	1	17.994707
Type 3_str	BOBJ1	224.96	Before	Interior Girder 2	33.7	0.95	1	1	15.760886
Type 3_str	BOBJ1	224.96	Before	Interior Girder 3	33.7	0.95	1	1	13.291808
Type 3_str	BOBJ1	224.96	Before	Interior Girder 4	33.7	0.95	1	1	13.291808
Type 3_str	BOBJ1	224.96	Before	Interior Girder 5	33.7	0.95	1	1	15.760886
Type 3_str	BOBJ1	224.96	Before	Interior Girder 6	33.7	0.95	1	1	17.994707
Type 3_str	BOBJ1	224.96	Before	Right Exterior Girder	33.7	0.95	1	1	23.264806

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Approach, Span 7-11									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Type 3_str	BOBJ1	224.96	After	Left Exterior Girder	33.7	0.95	1	1	22.241737
Type 3_str	BOBJ1	224.96	After	Interior Girder 1	33.7	0.95	1	1	17.576283
Type 3_str	BOBJ1	224.96	After	Interior Girder 2	33.7	0.95	1	1	15.82067
Type 3_str	BOBJ1	224.96	After	Interior Girder 3	33.7	0.95	1	1	13.335573
Type 3_str	BOBJ1	224.96	After	Interior Girder 4	33.7	0.95	1	1	13.335573
Type 3_str	BOBJ1	224.96	After	Interior Girder 5	33.7	0.95	1	1	15.82067
Type 3_str	BOBJ1	224.96	After	Interior Girder 6	33.7	0.95	1	1	17.576283
Type 3_str	BOBJ1	224.96	After	Right Exterior Girder	33.7	0.95	1	1	22.241737
Type 3_str	BOBJ1	233.385	Before	Left Exterior Girder	42.125	0.95	1	1	21.878907
Type 3_str	BOBJ1	233.385	Before	Interior Girder 1	42.125	0.95	1	1	17.176799
Type 3_str	BOBJ1	233.385	Before	Interior Girder 2	42.125	0.95	1	1	15.602749
Type 3_str	BOBJ1	233.385	Before	Interior Girder 3	42.125	0.95	1	1	13.634345
Type 3_str	BOBJ1	233.385	Before	Interior Girder 4	42.125	0.95	1	1	13.634345
Type 3_str	BOBJ1	233.385	Before	Interior Girder 5	42.125	0.95	1	1	15.602749
Type 3_str	BOBJ1	233.385	Before	Interior Girder 6	42.125	0.95	1	1	17.176799
Type 3_str	BOBJ1	233.385	Before	Right Exterior Girder	42.125	0.95	1	1	21.878907
Type 3_str	BOBJ1	233.385	After	Left Exterior Girder	42.125	0.95	1	1	17.160788
Type 3_str	BOBJ1	233.385	After	Interior Girder 1	42.125	0.95	1	1	11.006134
Type 3_str	BOBJ1	233.385	After	Interior Girder 2	42.125	0.95	1	1	10.243311
Type 3_str	BOBJ1	233.385	After	Interior Girder 3	42.125	0.95	1	1	9.108147
Type 3_str	BOBJ1	233.385	After	Interior Girder 4	42.125	0.95	1	1	9.108147
Type 3_str	BOBJ1	233.385	After	Interior Girder 5	42.125	0.95	1	1	10.243311
Type 3_str	BOBJ1	233.385	After	Interior Girder 6	42.125	0.95	1	1	11.006134
Type 3_str	BOBJ1	233.385	After	Right Exterior Girder	42.125	0.95	1	1	17.160788
Type 3_str	BOBJ1	241.81	Before	Left Exterior Girder	50.55	0.95	1	1	16.866587
Type 3_str	BOBJ1	241.81	Before	Interior Girder 1	50.55	0.95	1	1	10.748411
Type 3_str	BOBJ1	241.81	Before	Interior Girder 2	50.55	0.95	1	1	10.004018
Type 3_str	BOBJ1	241.81	Before	Interior Girder 3	50.55	0.95	1	1	8.895517
Type 3_str	BOBJ1	241.81	Before	Interior Girder 4	50.55	0.95	1	1	8.895517
Type 3_str	BOBJ1	241.81	Before	Interior Girder 5	50.55	0.95	1	1	10.004018
Type 3_str	BOBJ1	241.81	Before	Interior Girder 6	50.55	0.95	1	1	10.748411
Type 3_str	BOBJ1	241.81	Before	Right Exterior Girder	50.55	0.95	1	1	16.866587
Type 3_str	BOBJ1	241.81	After	Left Exterior Girder	50.55	0.95	1	1	10.873619
Type 3_str	BOBJ1	241.81	After	Interior Girder 1	50.55	0.95	1	1	9.855159
Type 3_str	BOBJ1	241.81	After	Interior Girder 2	50.55	0.95	1	1	9.048635
Type 3_str	BOBJ1	241.81	After	Interior Girder 3	50.55	0.95	1	1	8.288678
Type 3_str	BOBJ1	241.81	After	Interior Girder 4	50.55	0.95	1	1	8.288678
Type 3_str	BOBJ1	241.81	After	Interior Girder 5	50.55	0.95	1	1	9.048635
Type 3_str	BOBJ1	241.81	After	Interior Girder 6	50.55	0.95	1	1	9.855159
Type 3_str	BOBJ1	241.81	After	Right Exterior Girder	50.55	0.95	1	1	10.873619
Type 3_str	BOBJ1	245.18	Before	Left Exterior Girder	53.92	0.95	1	1	10.795695
Type 3_str	BOBJ1	245.18	Before	Interior Girder 1	53.92	0.95	1	1	9.759957
Type 3_str	BOBJ1	245.18	Before	Interior Girder 2	53.92	0.95	1	1	8.962152
Type 3_str	BOBJ1	245.18	Before	Interior Girder 3	53.92	0.95	1	1	8.208193
Type 3_str	BOBJ1	245.18	Before	Interior Girder 4	53.92	0.95	1	1	8.208193
Type 3_str	BOBJ1	245.18	Before	Interior Girder 5	53.92	0.95	1	1	8.962152
Type 3_str	BOBJ1	245.18	Before	Interior Girder 6	53.92	0.95	1	1	9.759957
Type 3_str	BOBJ1	245.18	Before	Right Exterior Girder	53.92	0.95	1	1	10.795695
Type 3_str	BOBJ1	245.18	After	Left Exterior Girder	53.92	0.95	1	1	11.396525
Type 3_str	BOBJ1	245.18	After	Interior Girder 1	53.92	0.95	1	1	9.061079
Type 3_str	BOBJ1	245.18	After	Interior Girder 2	53.92	0.95	1	1	8.370944
Type 3_str	BOBJ1	245.18	After	Interior Girder 3	53.92	0.95	1	1	7.523532
Type 3_str	BOBJ1	245.18	After	Interior Girder 4	53.92	0.95	1	1	7.523532
Type 3_str	BOBJ1	245.18	After	Interior Girder 5	53.92	0.95	1	1	8.370944
Type 3_str	BOBJ1	245.18	After	Interior Girder 6	53.92	0.95	1	1	9.061079
Type 3_str	BOBJ1	245.18	After	Right Exterior Girder	53.92	0.95	1	1	11.396525
Type 3_str	BOBJ1	250.245	Before	Left Exterior Girder	58.985	0.95	1	1	11.281242
Type 3_str	BOBJ1	250.245	Before	Interior Girder 1	58.985	0.95	1	1	8.932621
Type 3_str	BOBJ1	250.245	Before	Interior Girder 2	58.985	0.95	1	1	8.253443
Type 3_str	BOBJ1	250.245	Before	Interior Girder 3	58.985	0.95	1	1	7.416146
Type 3_str	BOBJ1	250.245	Before	Interior Girder 4	58.985	0.95	1	1	7.416146
Type 3_str	BOBJ1	250.245	Before	Interior Girder 5	58.985	0.95	1	1	8.253443
Type 3_str	BOBJ1	250.245	Before	Interior Girder 6	58.985	0.95	1	1	8.932621
Type 3_str	BOBJ1	250.245	Before	Right Exterior Girder	58.985	0.95	1	1	11.281242
Type 3_str	BOBJ1	250.245	After	Left Exterior Girder	58.985	0.95	1	1	9.404026

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Approach, Span 7-11									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Type 3_str	BOBJ1	250.245	After	Interior Girder 1	58.985	0.95	1	1	7.80081
Type 3_str	BOBJ1	250.245	After	Interior Girder 2	58.985	0.95	1	1	6.800105
Type 3_str	BOBJ1	250.245	After	Interior Girder 3	58.985	0.95	1	1	5.728292
Type 3_str	BOBJ1	250.245	After	Interior Girder 4	58.985	0.95	1	1	5.728292
Type 3_str	BOBJ1	250.245	After	Interior Girder 5	58.985	0.95	1	1	6.800105
Type 3_str	BOBJ1	250.245	After	Interior Girder 6	58.985	0.95	1	1	7.80081
Type 3_str	BOBJ1	250.245	After	Right Exterior Girder	58.985	0.95	1	1	9.404026
Type 3_str	BOBJ1	251.68	Before	Left Exterior Girder	60.42	0.95	1	1	9.375936
Type 3_str	BOBJ1	251.68	Before	Right Exterior Girder	60.42	0.95	1	1	9.375936
Type 3_str	BOBJ1	251.68	After	Left Exterior Girder	60.42	0.95	1	1	8.904362
Type 3_str	BOBJ1	251.68	After	Right Exterior Girder	60.42	0.95	1	1	8.904362
Type 3_str	BOBJ1	254.18	Before	Interior Girder 1	62.92	0.95	1	1	7.096211
Type 3_str	BOBJ1	254.18	Before	Interior Girder 2	62.92	0.95	1	1	6.72464
Type 3_str	BOBJ1	254.18	Before	Interior Girder 3	62.92	0.95	1	1	5.663449
Type 3_str	BOBJ1	254.18	Before	Interior Girder 4	62.92	0.95	1	1	5.663449
Type 3_str	BOBJ1	254.18	Before	Interior Girder 5	62.92	0.95	1	1	6.72464
Type 3_str	BOBJ1	254.18	Before	Interior Girder 6	62.92	0.95	1	1	7.096211
Type 3_str	BOBJ1	254.18	After	Interior Girder 1	62.92	0.95	1	1	6.289614
Type 3_str	BOBJ1	254.18	After	Interior Girder 2	62.92	0.95	1	1	5.908531
Type 3_str	BOBJ1	254.18	After	Interior Girder 3	62.92	0.95	1	1	4.725973
Type 3_str	BOBJ1	254.18	After	Interior Girder 4	62.92	0.95	1	1	4.725973
Type 3_str	BOBJ1	254.18	After	Interior Girder 5	62.92	0.95	1	1	5.908531
Type 3_str	BOBJ1	254.18	After	Interior Girder 6	62.92	0.95	1	1	6.289614
Type 3_str	BOBJ1	258.68	Before	Left Exterior Girder	67.42	0.95	1	1	10.45997
Type 3_str	BOBJ1	258.68	Before	Interior Girder 1	67.42	0.95	1	1	6.206003
Type 3_str	BOBJ1	258.68	Before	Interior Girder 2	67.42	0.95	1	1	5.83075
Type 3_str	BOBJ1	258.68	Before	Interior Girder 3	67.42	0.95	1	1	4.66222
Type 3_str	BOBJ1	258.68	Before	Interior Girder 4	67.42	0.95	1	1	4.66222
Type 3_str	BOBJ1	258.68	Before	Interior Girder 5	67.42	0.95	1	1	5.83075
Type 3_str	BOBJ1	258.68	Before	Interior Girder 6	67.42	0.95	1	1	6.206003
Type 3_str	BOBJ1	258.68	Before	Right Exterior Girder	67.42	0.95	1	1	10.45997
Type 3_str	BOBJ1	258.68	After	Left Exterior Girder	0	0.95	1	1	10.996216
Type 3_str	BOBJ1	258.68	After	Interior Girder 1	0	0.95	1	1	6.130723
Type 3_str	BOBJ1	258.68	After	Interior Girder 2	0	0.95	1	1	5.701722
Type 3_str	BOBJ1	258.68	After	Interior Girder 3	0	0.95	1	1	4.556625
Type 3_str	BOBJ1	258.68	After	Interior Girder 4	0	0.95	1	1	4.556625
Type 3_str	BOBJ1	258.68	After	Interior Girder 5	0	0.95	1	1	5.701722
Type 3_str	BOBJ1	258.68	After	Interior Girder 6	0	0.95	1	1	6.130723
Type 3_str	BOBJ1	258.68	After	Right Exterior Girder	0	0.95	1	1	10.996216
Type 3_str	BOBJ1	263.18	Before	Interior Girder 1	4.5	0.95	1	1	6.213788
Type 3_str	BOBJ1	263.18	Before	Interior Girder 2	4.5	0.95	1	1	5.778234
Type 3_str	BOBJ1	263.18	Before	Interior Girder 3	4.5	0.95	1	1	4.619211
Type 3_str	BOBJ1	263.18	Before	Interior Girder 4	4.5	0.95	1	1	4.619211
Type 3_str	BOBJ1	263.18	Before	Interior Girder 5	4.5	0.95	1	1	5.778234
Type 3_str	BOBJ1	263.18	Before	Interior Girder 6	4.5	0.95	1	1	6.213788
Type 3_str	BOBJ1	263.18	After	Interior Girder 1	4.5	0.95	1	1	7.19564
Type 3_str	BOBJ1	263.18	After	Interior Girder 2	4.5	0.95	1	1	6.811007
Type 3_str	BOBJ1	263.18	After	Interior Girder 3	4.5	0.95	1	1	5.748563
Type 3_str	BOBJ1	263.18	After	Interior Girder 4	4.5	0.95	1	1	5.748563
Type 3_str	BOBJ1	263.18	After	Interior Girder 5	4.5	0.95	1	1	6.811007
Type 3_str	BOBJ1	263.18	After	Interior Girder 6	4.5	0.95	1	1	7.19564
Type 3_str	BOBJ1	265.68	Before	Left Exterior Girder	7	0.95	1	1	9.481339
Type 3_str	BOBJ1	265.68	Before	Right Exterior Girder	7	0.95	1	1	9.481339
Type 3_str	BOBJ1	265.68	After	Left Exterior Girder	7	0.95	1	1	10.504422
Type 3_str	BOBJ1	265.68	After	Right Exterior Girder	7	0.95	1	1	10.504422
Type 3_str	BOBJ1	268.08	Before	Left Exterior Girder	9.4	0.95	1	1	10.557183
Type 3_str	BOBJ1	268.08	Before	Interior Girder 1	9.4	0.95	1	1	7.69722
Type 3_str	BOBJ1	268.08	Before	Interior Girder 2	9.4	0.95	1	1	6.906716
Type 3_str	BOBJ1	268.08	Before	Interior Girder 3	9.4	0.95	1	1	5.830814
Type 3_str	BOBJ1	268.08	Before	Interior Girder 4	9.4	0.95	1	1	5.830814
Type 3_str	BOBJ1	268.08	Before	Interior Girder 5	9.4	0.95	1	1	6.906716
Type 3_str	BOBJ1	268.08	Before	Interior Girder 6	9.4	0.95	1	1	7.69722
Type 3_str	BOBJ1	268.08	Before	Right Exterior Girder	9.4	0.95	1	1	10.557183
Type 3_str	BOBJ1	268.08	After	Left Exterior Girder	9.4	0.95	1	1	12.737232
Type 3_str	BOBJ1	268.08	After	Interior Girder 1	9.4	0.95	1	1	11.001092

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Approach, Span 7-11									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Type 3_str	BOBJ1	268.08	After	Interior Girder 2	9.4	0.95	1	1	9.924394
Type 3_str	BOBJ1	268.08	After	Interior Girder 3	9.4	0.95	1	1	9.209903
Type 3_str	BOBJ1	268.08	After	Interior Girder 4	9.4	0.95	1	1	9.209903
Type 3_str	BOBJ1	268.08	After	Interior Girder 5	9.4	0.95	1	1	9.924394
Type 3_str	BOBJ1	268.08	After	Interior Girder 6	9.4	0.95	1	1	11.001092
Type 3_str	BOBJ1	268.08	After	Right Exterior Girder	9.4	0.95	1	1	12.737232
Type 3_str	BOBJ1	277.48	Before	Left Exterior Girder	18.8	0.95	1	1	12.97719
Type 3_str	BOBJ1	277.48	Before	Interior Girder 1	18.8	0.95	1	1	11.294937
Type 3_str	BOBJ1	277.48	Before	Interior Girder 2	18.8	0.95	1	1	10.186789
Type 3_str	BOBJ1	277.48	Before	Interior Girder 3	18.8	0.95	1	1	9.456722
Type 3_str	BOBJ1	277.48	Before	Interior Girder 4	18.8	0.95	1	1	9.456722
Type 3_str	BOBJ1	277.48	Before	Interior Girder 5	18.8	0.95	1	1	10.186789
Type 3_str	BOBJ1	277.48	Before	Interior Girder 6	18.8	0.95	1	1	11.294937
Type 3_str	BOBJ1	277.48	Before	Right Exterior Girder	18.8	0.95	1	1	12.97719
Type 3_str	BOBJ1	277.48	After	Left Exterior Girder	18.8	0.95	1	1	22.9348
Type 3_str	BOBJ1	277.48	After	Interior Girder 1	18.8	0.95	1	1	12.61098
Type 3_str	BOBJ1	277.48	After	Interior Girder 2	18.8	0.95	1	1	11.467267
Type 3_str	BOBJ1	277.48	After	Interior Girder 3	18.8	0.95	1	1	9.939726
Type 3_str	BOBJ1	277.48	After	Interior Girder 4	18.8	0.95	1	1	9.939726
Type 3_str	BOBJ1	277.48	After	Interior Girder 5	18.8	0.95	1	1	11.467267
Type 3_str	BOBJ1	277.48	After	Interior Girder 6	18.8	0.95	1	1	12.61098
Type 3_str	BOBJ1	277.48	After	Right Exterior Girder	18.8	0.95	1	1	22.9348
Type 3_str	BOBJ1	286.88	Before	Left Exterior Girder	28.2	0.95	1	1	23.344587
Type 3_str	BOBJ1	286.88	Before	Interior Girder 1	28.2	0.95	1	1	12.935153
Type 3_str	BOBJ1	286.88	Before	Interior Girder 2	28.2	0.95	1	1	11.761644
Type 3_str	BOBJ1	286.88	Before	Interior Girder 3	28.2	0.95	1	1	10.194583
Type 3_str	BOBJ1	286.88	Before	Interior Girder 4	28.2	0.95	1	1	10.194583
Type 3_str	BOBJ1	286.88	Before	Interior Girder 5	28.2	0.95	1	1	11.761644
Type 3_str	BOBJ1	286.88	Before	Interior Girder 6	28.2	0.95	1	1	12.935153
Type 3_str	BOBJ1	286.88	Before	Right Exterior Girder	28.2	0.95	1	1	23.344587
Type 3_str	BOBJ1	286.88	After	Left Exterior Girder	28.2	0.95	1	1	38.450087
Type 3_str	BOBJ1	286.88	After	Interior Girder 1	28.2	0.95	1	1	18.130622
Type 3_str	BOBJ1	286.88	After	Interior Girder 2	28.2	0.95	1	1	16.012395
Type 3_str	BOBJ1	286.88	After	Interior Girder 3	28.2	0.95	1	1	13.573318
Type 3_str	BOBJ1	286.88	After	Interior Girder 4	28.2	0.95	1	1	13.573318
Type 3_str	BOBJ1	286.88	After	Interior Girder 5	28.2	0.95	1	1	16.012395
Type 3_str	BOBJ1	286.88	After	Interior Girder 6	28.2	0.95	1	1	18.130622
Type 3_str	BOBJ1	286.88	After	Right Exterior Girder	28.2	0.95	1	1	38.450087
Type 3_str	BOBJ1	296.28	Before	Left Exterior Girder	37.6	0.95	1	1	39.103297
Type 3_str	BOBJ1	296.28	Before	Interior Girder 1	37.6	0.95	1	1	17.700408
Type 3_str	BOBJ1	296.28	Before	Interior Girder 2	37.6	0.95	1	1	15.631067
Type 3_str	BOBJ1	296.28	Before	Interior Girder 3	37.6	0.95	1	1	13.249789
Type 3_str	BOBJ1	296.28	Before	Interior Girder 4	37.6	0.95	1	1	13.249789
Type 3_str	BOBJ1	296.28	Before	Interior Girder 5	37.6	0.95	1	1	15.631067
Type 3_str	BOBJ1	296.28	Before	Interior Girder 6	37.6	0.95	1	1	17.700408
Type 3_str	BOBJ1	296.28	Before	Right Exterior Girder	37.6	0.95	1	1	39.103297
Type 3_str	BOBJ1	296.28	After	Left Exterior Girder	37.6	0.95	1	1	19.231666
Type 3_str	BOBJ1	296.28	After	Interior Girder 1	37.6	0.95	1	1	16.480461
Type 3_str	BOBJ1	296.28	After	Interior Girder 2	37.6	0.95	1	1	14.82648
Type 3_str	BOBJ1	296.28	After	Interior Girder 3	37.6	0.95	1	1	14.364466
Type 3_str	BOBJ1	296.28	After	Interior Girder 4	37.6	0.95	1	1	14.364466
Type 3_str	BOBJ1	296.28	After	Interior Girder 5	37.6	0.95	1	1	14.82648
Type 3_str	BOBJ1	296.28	After	Interior Girder 6	37.6	0.95	1	1	16.480461
Type 3_str	BOBJ1	296.28	After	Right Exterior Girder	37.6	0.95	1	1	19.231666
Type 3_str	BOBJ1	305.69	Before	Left Exterior Girder	47.01	0.95	1	1	18.90252
Type 3_str	BOBJ1	305.69	Before	Interior Girder 1	47.01	0.95	1	1	16.071871
Type 3_str	BOBJ1	305.69	Before	Interior Girder 2	47.01	0.95	1	1	14.461024
Type 3_str	BOBJ1	305.69	Before	Interior Girder 3	47.01	0.95	1	1	14.009651
Type 3_str	BOBJ1	305.69	Before	Interior Girder 4	47.01	0.95	1	1	14.009651
Type 3_str	BOBJ1	305.69	Before	Interior Girder 5	47.01	0.95	1	1	14.461024
Type 3_str	BOBJ1	305.69	Before	Interior Girder 6	47.01	0.95	1	1	16.071871
Type 3_str	BOBJ1	305.69	Before	Right Exterior Girder	47.01	0.95	1	1	18.90252
Type 3_str	BOBJ1	305.69	After	Left Exterior Girder	47.01	0.95	1	1	14.599904
Type 3_str	BOBJ1	305.69	After	Interior Girder 1	47.01	0.95	1	1	9.743622
Type 3_str	BOBJ1	305.69	After	Interior Girder 2	47.01	0.95	1	1	8.996508

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Approach, Span 7-11									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Type 3_str	BOBJ1	305.69	After	Interior Girder 3	47.01	0.95	1	1	8.187823
Type 3_str	BOBJ1	305.69	After	Interior Girder 4	47.01	0.95	1	1	8.187823
Type 3_str	BOBJ1	305.69	After	Interior Girder 5	47.01	0.95	1	1	8.996508
Type 3_str	BOBJ1	305.69	After	Interior Girder 6	47.01	0.95	1	1	9.743622
Type 3_str	BOBJ1	305.69	After	Right Exterior Girder	47.01	0.95	1	1	14.599904
Type 3_str	BOBJ1	315.1	Before	Left Exterior Girder	56.42	0.95	1	1	14.33682
Type 3_str	BOBJ1	315.1	Before	Interior Girder 1	56.42	0.95	1	1	9.494222
Type 3_str	BOBJ1	315.1	Before	Interior Girder 2	56.42	0.95	1	1	8.767061
Type 3_str	BOBJ1	315.1	Before	Interior Girder 3	56.42	0.95	1	1	7.978289
Type 3_str	BOBJ1	315.1	Before	Interior Girder 4	56.42	0.95	1	1	7.978289
Type 3_str	BOBJ1	315.1	Before	Interior Girder 5	56.42	0.95	1	1	8.767061
Type 3_str	BOBJ1	315.1	Before	Interior Girder 6	56.42	0.95	1	1	9.494222
Type 3_str	BOBJ1	315.1	Before	Right Exterior Girder	56.42	0.95	1	1	14.33682
Type 3S2_str	BOBJ1	0	After	Left Exterior Girder	0	0.95	1	1	14.265822
Type 3S2_str	BOBJ1	0	After	Interior Girder 1	0	0.95	1	1	9.94196
Type 3S2_str	BOBJ1	0	After	Interior Girder 2	0	0.95	1	1	9.206933
Type 3S2_str	BOBJ1	0	After	Interior Girder 3	0	0.95	1	1	8.466761
Type 3S2_str	BOBJ1	0	After	Interior Girder 4	0	0.95	1	1	8.466761
Type 3S2_str	BOBJ1	0	After	Interior Girder 5	0	0.95	1	1	9.206933
Type 3S2_str	BOBJ1	0	After	Interior Girder 6	0	0.95	1	1	9.94196
Type 3S2_str	BOBJ1	0	After	Right Exterior Girder	0	0.95	1	1	14.265822
Type 3S2_str	BOBJ1	9.4	Before	Left Exterior Girder	9.4	0.95	1	1	14.526992
Type 3S2_str	BOBJ1	9.4	Before	Interior Girder 1	9.4	0.95	1	1	10.202883
Type 3S2_str	BOBJ1	9.4	Before	Interior Girder 2	9.4	0.95	1	1	9.447597
Type 3S2_str	BOBJ1	9.4	Before	Interior Girder 3	9.4	0.95	1	1	8.688787
Type 3S2_str	BOBJ1	9.4	Before	Interior Girder 4	9.4	0.95	1	1	8.688787
Type 3S2_str	BOBJ1	9.4	Before	Interior Girder 5	9.4	0.95	1	1	9.447597
Type 3S2_str	BOBJ1	9.4	Before	Interior Girder 6	9.4	0.95	1	1	10.202883
Type 3S2_str	BOBJ1	9.4	Before	Right Exterior Girder	9.4	0.95	1	1	14.526992
Type 3S2_str	BOBJ1	9.4	After	Left Exterior Girder	9.4	0.95	1	1	18.97525
Type 3S2_str	BOBJ1	9.4	After	Interior Girder 1	9.4	0.95	1	1	17.344718
Type 3S2_str	BOBJ1	9.4	After	Interior Girder 2	9.4	0.95	1	1	15.267957
Type 3S2_str	BOBJ1	9.4	After	Interior Girder 3	9.4	0.95	1	1	14.581574
Type 3S2_str	BOBJ1	9.4	After	Interior Girder 4	9.4	0.95	1	1	14.581574
Type 3S2_str	BOBJ1	9.4	After	Interior Girder 5	9.4	0.95	1	1	15.267957
Type 3S2_str	BOBJ1	9.4	After	Interior Girder 6	9.4	0.95	1	1	17.344718
Type 3S2_str	BOBJ1	9.4	After	Right Exterior Girder	9.4	0.95	1	1	18.97525
Type 3S2_str	BOBJ1	18.8	Before	Left Exterior Girder	18.8	0.95	1	1	19.30495
Type 3S2_str	BOBJ1	18.8	Before	Interior Girder 1	18.8	0.95	1	1	17.785236
Type 3S2_str	BOBJ1	18.8	Before	Interior Girder 2	18.8	0.95	1	1	15.653346
Type 3S2_str	BOBJ1	18.8	Before	Interior Girder 3	18.8	0.95	1	1	14.95035
Type 3S2_str	BOBJ1	18.8	Before	Interior Girder 4	18.8	0.95	1	1	14.95035
Type 3S2_str	BOBJ1	18.8	Before	Interior Girder 5	18.8	0.95	1	1	15.653346
Type 3S2_str	BOBJ1	18.8	Before	Interior Girder 6	18.8	0.95	1	1	17.785236
Type 3S2_str	BOBJ1	18.8	Before	Right Exterior Girder	18.8	0.95	1	1	19.30495
Type 3S2_str	BOBJ1	18.8	After	Left Exterior Girder	18.8	0.95	1	1	40.451028
Type 3S2_str	BOBJ1	18.8	After	Interior Girder 1	18.8	0.95	1	1	19.059195
Type 3S2_str	BOBJ1	18.8	After	Interior Girder 2	18.8	0.95	1	1	16.7692
Type 3S2_str	BOBJ1	18.8	After	Interior Girder 3	18.8	0.95	1	1	14.224653
Type 3S2_str	BOBJ1	18.8	After	Interior Girder 4	18.8	0.95	1	1	14.224653
Type 3S2_str	BOBJ1	18.8	After	Interior Girder 5	18.8	0.95	1	1	16.7692
Type 3S2_str	BOBJ1	18.8	After	Interior Girder 6	18.8	0.95	1	1	19.059195
Type 3S2_str	BOBJ1	18.8	After	Right Exterior Girder	18.8	0.95	1	1	40.451028
Type 3S2_str	BOBJ1	28.2	Before	Left Exterior Girder	28.2	0.95	1	1	39.774921
Type 3S2_str	BOBJ1	28.2	Before	Interior Girder 1	28.2	0.95	1	1	19.522237
Type 3S2_str	BOBJ1	28.2	Before	Interior Girder 2	28.2	0.95	1	1	17.178202
Type 3S2_str	BOBJ1	28.2	Before	Interior Girder 3	28.2	0.95	1	1	14.571942
Type 3S2_str	BOBJ1	28.2	Before	Interior Girder 4	28.2	0.95	1	1	14.571942
Type 3S2_str	BOBJ1	28.2	Before	Interior Girder 5	28.2	0.95	1	1	17.178202
Type 3S2_str	BOBJ1	28.2	Before	Interior Girder 6	28.2	0.95	1	1	19.522237
Type 3S2_str	BOBJ1	28.2	Before	Right Exterior Girder	28.2	0.95	1	1	39.774921
Type 3S2_str	BOBJ1	28.2	After	Left Exterior Girder	28.2	0.95	1	1	25.951837
Type 3S2_str	BOBJ1	28.2	After	Interior Girder 1	28.2	0.95	1	1	14.13495
Type 3S2_str	BOBJ1	28.2	After	Interior Girder 2	28.2	0.95	1	1	12.827064
Type 3S2_str	BOBJ1	28.2	After	Interior Girder 3	28.2	0.95	1	1	11.088365

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Approach, Span 7-11									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Type 3S2_str	BOBJ1	28.2	After	Interior Girder 4	28.2	0.95	1	1	11.088365
Type 3S2_str	BOBJ1	28.2	After	Interior Girder 5	28.2	0.95	1	1	12.827064
Type 3S2_str	BOBJ1	28.2	After	Interior Girder 6	28.2	0.95	1	1	14.13495
Type 3S2_str	BOBJ1	28.2	After	Right Exterior Girder	28.2	0.95	1	1	25.951837
Type 3S2_str	BOBJ1	37.6	Before	Left Exterior Girder	37.6	0.95	1	1	25.496015
Type 3S2_str	BOBJ1	37.6	Before	Interior Girder 1	37.6	0.95	1	1	13.78055
Type 3S2_str	BOBJ1	37.6	Before	Interior Girder 2	37.6	0.95	1	1	12.505944
Type 3S2_str	BOBJ1	37.6	Before	Interior Girder 3	37.6	0.95	1	1	10.811133
Type 3S2_str	BOBJ1	37.6	Before	Interior Girder 4	37.6	0.95	1	1	10.811133
Type 3S2_str	BOBJ1	37.6	Before	Interior Girder 5	37.6	0.95	1	1	12.505944
Type 3S2_str	BOBJ1	37.6	Before	Interior Girder 6	37.6	0.95	1	1	13.78055
Type 3S2_str	BOBJ1	37.6	Before	Right Exterior Girder	37.6	0.95	1	1	25.496015
Type 3S2_str	BOBJ1	37.6	After	Left Exterior Girder	37.6	0.95	1	1	12.968599
Type 3S2_str	BOBJ1	37.6	After	Interior Girder 1	37.6	0.95	1	1	11.957349
Type 3S2_str	BOBJ1	37.6	After	Interior Girder 2	37.6	0.95	1	1	10.673856
Type 3S2_str	BOBJ1	37.6	After	Interior Girder 3	37.6	0.95	1	1	9.648926
Type 3S2_str	BOBJ1	37.6	After	Interior Girder 4	37.6	0.95	1	1	9.648926
Type 3S2_str	BOBJ1	37.6	After	Interior Girder 5	37.6	0.95	1	1	10.673856
Type 3S2_str	BOBJ1	37.6	After	Interior Girder 6	37.6	0.95	1	1	11.957349
Type 3S2_str	BOBJ1	37.6	After	Right Exterior Girder	37.6	0.95	1	1	12.968599
Type 3S2_str	BOBJ1	47.01	Before	Left Exterior Girder	47.01	0.95	1	1	12.728443
Type 3S2_str	BOBJ1	47.01	Before	Interior Girder 1	47.01	0.95	1	1	11.645747
Type 3S2_str	BOBJ1	47.01	Before	Interior Girder 2	47.01	0.95	1	1	10.398522
Type 3S2_str	BOBJ1	47.01	Before	Interior Girder 3	47.01	0.95	1	1	9.396801
Type 3S2_str	BOBJ1	47.01	Before	Interior Girder 4	47.01	0.95	1	1	9.396801
Type 3S2_str	BOBJ1	47.01	Before	Interior Girder 5	47.01	0.95	1	1	10.398522
Type 3S2_str	BOBJ1	47.01	Before	Interior Girder 6	47.01	0.95	1	1	11.645747
Type 3S2_str	BOBJ1	47.01	Before	Right Exterior Girder	47.01	0.95	1	1	12.728443
Type 3S2_str	BOBJ1	47.01	After	Left Exterior Girder	47.01	0.95	1	1	9.769387
Type 3S2_str	BOBJ1	47.01	After	Interior Girder 1	47.01	0.95	1	1	7.839328
Type 3S2_str	BOBJ1	47.01	After	Interior Girder 2	47.01	0.95	1	1	6.995185
Type 3S2_str	BOBJ1	47.01	After	Interior Girder 3	47.01	0.95	1	1	5.966917
Type 3S2_str	BOBJ1	47.01	After	Interior Girder 4	47.01	0.95	1	1	5.966917
Type 3S2_str	BOBJ1	47.01	After	Interior Girder 5	47.01	0.95	1	1	6.995185
Type 3S2_str	BOBJ1	47.01	After	Interior Girder 6	47.01	0.95	1	1	7.839328
Type 3S2_str	BOBJ1	47.01	After	Right Exterior Girder	47.01	0.95	1	1	9.769387
Type 3S2_str	BOBJ1	49.42	Before	Left Exterior Girder	49.42	0.95	1	1	9.72034
Type 3S2_str	BOBJ1	49.42	Before	Right Exterior Girder	49.42	0.95	1	1	9.72034
Type 3S2_str	BOBJ1	49.42	After	Left Exterior Girder	49.42	0.95	1	1	8.430157
Type 3S2_str	BOBJ1	49.42	After	Right Exterior Girder	49.42	0.95	1	1	8.430157
Type 3S2_str	BOBJ1	51.92	Before	Interior Girder 1	51.92	0.95	1	1	7.230944
Type 3S2_str	BOBJ1	51.92	Before	Interior Girder 2	51.92	0.95	1	1	6.89801
Type 3S2_str	BOBJ1	51.92	Before	Interior Girder 3	51.92	0.95	1	1	5.882564
Type 3S2_str	BOBJ1	51.92	Before	Interior Girder 4	51.92	0.95	1	1	5.882564
Type 3S2_str	BOBJ1	51.92	Before	Interior Girder 5	51.92	0.95	1	1	6.89801
Type 3S2_str	BOBJ1	51.92	Before	Interior Girder 6	51.92	0.95	1	1	7.230944
Type 3S2_str	BOBJ1	51.92	After	Interior Girder 1	51.92	0.95	1	1	6.046991
Type 3S2_str	BOBJ1	51.92	After	Interior Girder 2	51.92	0.95	1	1	5.730258
Type 3S2_str	BOBJ1	51.92	After	Interior Girder 3	51.92	0.95	1	1	4.682379
Type 3S2_str	BOBJ1	51.92	After	Interior Girder 4	51.92	0.95	1	1	4.682379
Type 3S2_str	BOBJ1	51.92	After	Interior Girder 5	51.92	0.95	1	1	5.730258
Type 3S2_str	BOBJ1	51.92	After	Interior Girder 6	51.92	0.95	1	1	6.046991
Type 3S2_str	BOBJ1	56.42	Before	Left Exterior Girder	56.42	0.95	1	1	10.175997
Type 3S2_str	BOBJ1	56.42	Before	Interior Girder 1	56.42	0.95	1	1	5.966098
Type 3S2_str	BOBJ1	56.42	Before	Interior Girder 2	56.42	0.95	1	1	5.654346
Type 3S2_str	BOBJ1	56.42	Before	Interior Girder 3	56.42	0.95	1	1	4.618928
Type 3S2_str	BOBJ1	56.42	Before	Interior Girder 4	56.42	0.95	1	1	4.618928
Type 3S2_str	BOBJ1	56.42	Before	Interior Girder 5	56.42	0.95	1	1	5.654346
Type 3S2_str	BOBJ1	56.42	Before	Interior Girder 6	56.42	0.95	1	1	5.966098
Type 3S2_str	BOBJ1	56.42	Before	Right Exterior Girder	56.42	0.95	1	1	10.175997
Type 3S2_str	BOBJ1	56.42	After	Left Exterior Girder	0	0.95	1	1	9.181713
Type 3S2_str	BOBJ1	56.42	After	Interior Girder 1	0	0.95	1	1	5.965995
Type 3S2_str	BOBJ1	56.42	After	Interior Girder 2	0	0.95	1	1	5.700602
Type 3S2_str	BOBJ1	56.42	After	Interior Girder 3	0	0.95	1	1	4.698354
Type 3S2_str	BOBJ1	56.42	After	Interior Girder 4	0	0.95	1	1	4.698354

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Approach, Span 7-11									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Type 3S2_str	BOBJ1	56.42	After	Interior Girder 5	0	0.95	1	1	5.700602
Type 3S2_str	BOBJ1	56.42	After	Interior Girder 6	0	0.95	1	1	5.965995
Type 3S2_str	BOBJ1	56.42	After	Right Exterior Girder	0	0.95	1	1	9.181713
Type 3S2_str	BOBJ1	60.92	Before	Interior Girder 1	4.5	0.95	1	1	6.046371
Type 3S2_str	BOBJ1	60.92	Before	Interior Girder 2	4.5	0.95	1	1	5.77664
Type 3S2_str	BOBJ1	60.92	Before	Interior Girder 3	4.5	0.95	1	1	4.762609
Type 3S2_str	BOBJ1	60.92	Before	Interior Girder 4	4.5	0.95	1	1	4.762609
Type 3S2_str	BOBJ1	60.92	Before	Interior Girder 5	4.5	0.95	1	1	5.77664
Type 3S2_str	BOBJ1	60.92	Before	Interior Girder 6	4.5	0.95	1	1	6.046371
Type 3S2_str	BOBJ1	60.92	After	Interior Girder 1	4.5	0.95	1	1	6.932908
Type 3S2_str	BOBJ1	60.92	After	Interior Girder 2	4.5	0.95	1	1	6.668292
Type 3S2_str	BOBJ1	60.92	After	Interior Girder 3	4.5	0.95	1	1	5.754743
Type 3S2_str	BOBJ1	60.92	After	Interior Girder 4	4.5	0.95	1	1	5.754743
Type 3S2_str	BOBJ1	60.92	After	Interior Girder 5	4.5	0.95	1	1	6.668292
Type 3S2_str	BOBJ1	60.92	After	Interior Girder 6	4.5	0.95	1	1	6.932908
Type 3S2_str	BOBJ1	63.42	Before	Left Exterior Girder	7	0.95	1	1	7.766847
Type 3S2_str	BOBJ1	63.42	Before	Right Exterior Girder	7	0.95	1	1	7.766847
Type 3S2_str	BOBJ1	63.42	After	Left Exterior Girder	7	0.95	1	1	8.406521
Type 3S2_str	BOBJ1	63.42	After	Right Exterior Girder	7	0.95	1	1	8.406521
Type 3S2_str	BOBJ1	64.845	Before	Left Exterior Girder	8.425	0.95	1	1	8.431547
Type 3S2_str	BOBJ1	64.845	Before	Interior Girder 1	8.425	0.95	1	1	7.783582
Type 3S2_str	BOBJ1	64.845	Before	Interior Girder 2	8.425	0.95	1	1	6.742929
Type 3S2_str	BOBJ1	64.845	Before	Interior Girder 3	8.425	0.95	1	1	5.820472
Type 3S2_str	BOBJ1	64.845	Before	Interior Girder 4	8.425	0.95	1	1	5.820472
Type 3S2_str	BOBJ1	64.845	Before	Interior Girder 5	8.425	0.95	1	1	6.742929
Type 3S2_str	BOBJ1	64.845	Before	Interior Girder 6	8.425	0.95	1	1	7.783582
Type 3S2_str	BOBJ1	64.845	Before	Right Exterior Girder	8.425	0.95	1	1	8.431547
Type 3S2_str	BOBJ1	64.845	After	Left Exterior Girder	8.425	0.95	1	1	10.312961
Type 3S2_str	BOBJ1	64.845	After	Interior Girder 1	8.425	0.95	1	1	8.867286
Type 3S2_str	BOBJ1	64.845	After	Interior Girder 2	8.425	0.95	1	1	8.240465
Type 3S2_str	BOBJ1	64.845	After	Interior Girder 3	8.425	0.95	1	1	7.361665
Type 3S2_str	BOBJ1	64.845	After	Interior Girder 4	8.425	0.95	1	1	7.361665
Type 3S2_str	BOBJ1	64.845	After	Interior Girder 5	8.425	0.95	1	1	8.240465
Type 3S2_str	BOBJ1	64.845	After	Interior Girder 6	8.425	0.95	1	1	8.867286
Type 3S2_str	BOBJ1	64.845	After	Right Exterior Girder	8.425	0.95	1	1	10.312961
Type 3S2_str	BOBJ1	69.92	Before	Left Exterior Girder	13.5	0.95	1	1	10.418603
Type 3S2_str	BOBJ1	69.92	Before	Interior Girder 1	13.5	0.95	1	1	8.99506
Type 3S2_str	BOBJ1	69.92	Before	Interior Girder 2	13.5	0.95	1	1	8.358009
Type 3S2_str	BOBJ1	69.92	Before	Interior Girder 3	13.5	0.95	1	1	7.468488
Type 3S2_str	BOBJ1	69.92	Before	Interior Girder 4	13.5	0.95	1	1	7.468488
Type 3S2_str	BOBJ1	69.92	Before	Interior Girder 5	13.5	0.95	1	1	8.358009
Type 3S2_str	BOBJ1	69.92	Before	Interior Girder 6	13.5	0.95	1	1	8.99506
Type 3S2_str	BOBJ1	69.92	Before	Right Exterior Girder	13.5	0.95	1	1	10.418603
Type 3S2_str	BOBJ1	69.92	After	Left Exterior Girder	13.5	0.95	1	1	9.994547
Type 3S2_str	BOBJ1	69.92	After	Interior Girder 1	13.5	0.95	1	1	9.860777
Type 3S2_str	BOBJ1	69.92	After	Interior Girder 2	13.5	0.95	1	1	9.071159
Type 3S2_str	BOBJ1	69.92	After	Interior Girder 3	13.5	0.95	1	1	8.149825
Type 3S2_str	BOBJ1	69.92	After	Interior Girder 4	13.5	0.95	1	1	8.149825
Type 3S2_str	BOBJ1	69.92	After	Interior Girder 5	13.5	0.95	1	1	9.071159
Type 3S2_str	BOBJ1	69.92	After	Interior Girder 6	13.5	0.95	1	1	9.860777
Type 3S2_str	BOBJ1	69.92	After	Right Exterior Girder	13.5	0.95	1	1	9.994547
Type 3S2_str	BOBJ1	73.27	Before	Left Exterior Girder	16.85	0.95	1	1	10.066295
Type 3S2_str	BOBJ1	73.27	Before	Interior Girder 1	16.85	0.95	1	1	9.956391
Type 3S2_str	BOBJ1	73.27	Before	Interior Girder 2	16.85	0.95	1	1	9.158169
Type 3S2_str	BOBJ1	73.27	Before	Interior Girder 3	16.85	0.95	1	1	8.229272
Type 3S2_str	BOBJ1	73.27	Before	Interior Girder 4	16.85	0.95	1	1	8.229272
Type 3S2_str	BOBJ1	73.27	Before	Interior Girder 5	16.85	0.95	1	1	9.158169
Type 3S2_str	BOBJ1	73.27	Before	Interior Girder 6	16.85	0.95	1	1	9.956391
Type 3S2_str	BOBJ1	73.27	Before	Right Exterior Girder	16.85	0.95	1	1	10.066295
Type 3S2_str	BOBJ1	73.27	After	Left Exterior Girder	16.85	0.95	1	1	17.309544
Type 3S2_str	BOBJ1	73.27	After	Interior Girder 1	16.85	0.95	1	1	11.596494
Type 3S2_str	BOBJ1	73.27	After	Interior Girder 2	16.85	0.95	1	1	10.817703
Type 3S2_str	BOBJ1	73.27	After	Interior Girder 3	16.85	0.95	1	1	9.700246
Type 3S2_str	BOBJ1	73.27	After	Interior Girder 4	16.85	0.95	1	1	9.700246
Type 3S2_str	BOBJ1	73.27	After	Interior Girder 5	16.85	0.95	1	1	10.817703

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Approach, Span 7-11									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Type 3S2_str	BOBJ1	73.27	After	Interior Girder 6	16.85	0.95	1	1	11.596494
Type 3S2_str	BOBJ1	73.27	After	Right Exterior Girder	16.85	0.95	1	1	17.309544
Type 3S2_str	BOBJ1	81.695	Before	Left Exterior Girder	25.275	0.95	1	1	17.611591
Type 3S2_str	BOBJ1	81.695	Before	Interior Girder 1	25.275	0.95	1	1	11.874602
Type 3S2_str	BOBJ1	81.695	Before	Interior Girder 2	25.275	0.95	1	1	11.076488
Type 3S2_str	BOBJ1	81.695	Before	Interior Girder 3	25.275	0.95	1	1	9.932138
Type 3S2_str	BOBJ1	81.695	Before	Interior Girder 4	25.275	0.95	1	1	9.932138
Type 3S2_str	BOBJ1	81.695	Before	Interior Girder 5	25.275	0.95	1	1	11.076488
Type 3S2_str	BOBJ1	81.695	Before	Interior Girder 6	25.275	0.95	1	1	11.874602
Type 3S2_str	BOBJ1	81.695	Before	Right Exterior Girder	25.275	0.95	1	1	17.611591
Type 3S2_str	BOBJ1	81.695	After	Left Exterior Girder	25.275	0.95	1	1	22.993481
Type 3S2_str	BOBJ1	81.695	After	Interior Girder 1	25.275	0.95	1	1	18.931064
Type 3S2_str	BOBJ1	81.695	After	Interior Girder 2	25.275	0.95	1	1	17.092805
Type 3S2_str	BOBJ1	81.695	After	Interior Girder 3	25.275	0.95	1	1	14.700775
Type 3S2_str	BOBJ1	81.695	After	Interior Girder 4	25.275	0.95	1	1	14.700775
Type 3S2_str	BOBJ1	81.695	After	Interior Girder 5	25.275	0.95	1	1	17.092805
Type 3S2_str	BOBJ1	81.695	After	Interior Girder 6	25.275	0.95	1	1	18.931064
Type 3S2_str	BOBJ1	81.695	After	Right Exterior Girder	25.275	0.95	1	1	22.993481
Type 3S2_str	BOBJ1	90.12	Before	Left Exterior Girder	33.7	0.95	1	1	23.374933
Type 3S2_str	BOBJ1	90.12	Before	Interior Girder 1	33.7	0.95	1	1	19.371428
Type 3S2_str	BOBJ1	90.12	Before	Interior Girder 2	33.7	0.95	1	1	17.06696
Type 3S2_str	BOBJ1	90.12	Before	Interior Girder 3	33.7	0.95	1	1	14.378668
Type 3S2_str	BOBJ1	90.12	Before	Interior Girder 4	33.7	0.95	1	1	14.378668
Type 3S2_str	BOBJ1	90.12	Before	Interior Girder 5	33.7	0.95	1	1	17.06696
Type 3S2_str	BOBJ1	90.12	Before	Interior Girder 6	33.7	0.95	1	1	19.371428
Type 3S2_str	BOBJ1	90.12	Before	Right Exterior Girder	33.7	0.95	1	1	23.374933
Type 3S2_str	BOBJ1	90.12	After	Left Exterior Girder	33.7	0.95	1	1	24.538826
Type 3S2_str	BOBJ1	90.12	After	Interior Girder 1	33.7	0.95	1	1	19.627534
Type 3S2_str	BOBJ1	90.12	After	Interior Girder 2	33.7	0.95	1	1	16.935117
Type 3S2_str	BOBJ1	90.12	After	Interior Girder 3	33.7	0.95	1	1	14.261949
Type 3S2_str	BOBJ1	90.12	After	Interior Girder 4	33.7	0.95	1	1	14.261949
Type 3S2_str	BOBJ1	90.12	After	Interior Girder 5	33.7	0.95	1	1	16.935117
Type 3S2_str	BOBJ1	90.12	After	Interior Girder 6	33.7	0.95	1	1	19.627534
Type 3S2_str	BOBJ1	90.12	After	Right Exterior Girder	33.7	0.95	1	1	24.538826
Type 3S2_str	BOBJ1	98.545	Before	Left Exterior Girder	42.125	0.95	1	1	24.139623
Type 3S2_str	BOBJ1	98.545	Before	Interior Girder 1	42.125	0.95	1	1	19.348394
Type 3S2_str	BOBJ1	98.545	Before	Interior Girder 2	42.125	0.95	1	1	17.314554
Type 3S2_str	BOBJ1	98.545	Before	Interior Girder 3	42.125	0.95	1	1	14.581655
Type 3S2_str	BOBJ1	98.545	Before	Interior Girder 4	42.125	0.95	1	1	14.581655
Type 3S2_str	BOBJ1	98.545	Before	Interior Girder 5	42.125	0.95	1	1	17.314554
Type 3S2_str	BOBJ1	98.545	Before	Interior Girder 6	42.125	0.95	1	1	19.348394
Type 3S2_str	BOBJ1	98.545	Before	Right Exterior Girder	42.125	0.95	1	1	24.139623
Type 3S2_str	BOBJ1	98.545	After	Left Exterior Girder	42.125	0.95	1	1	18.441385
Type 3S2_str	BOBJ1	98.545	After	Interior Girder 1	42.125	0.95	1	1	12.117174
Type 3S2_str	BOBJ1	98.545	After	Interior Girder 2	42.125	0.95	1	1	11.230316
Type 3S2_str	BOBJ1	98.545	After	Interior Girder 3	42.125	0.95	1	1	10.03024
Type 3S2_str	BOBJ1	98.545	After	Interior Girder 4	42.125	0.95	1	1	10.03024
Type 3S2_str	BOBJ1	98.545	After	Interior Girder 5	42.125	0.95	1	1	11.230316
Type 3S2_str	BOBJ1	98.545	After	Interior Girder 6	42.125	0.95	1	1	12.117174
Type 3S2_str	BOBJ1	98.545	After	Right Exterior Girder	42.125	0.95	1	1	18.441385
Type 3S2_str	BOBJ1	106.97	Before	Left Exterior Girder	50.55	0.95	1	1	18.126162
Type 3S2_str	BOBJ1	106.97	Before	Interior Girder 1	50.55	0.95	1	1	11.833766
Type 3S2_str	BOBJ1	106.97	Before	Interior Girder 2	50.55	0.95	1	1	10.96813
Type 3S2_str	BOBJ1	106.97	Before	Interior Girder 3	50.55	0.95	1	1	9.796231
Type 3S2_str	BOBJ1	106.97	Before	Interior Girder 4	50.55	0.95	1	1	9.796231
Type 3S2_str	BOBJ1	106.97	Before	Interior Girder 5	50.55	0.95	1	1	10.96813
Type 3S2_str	BOBJ1	106.97	Before	Interior Girder 6	50.55	0.95	1	1	11.833766
Type 3S2_str	BOBJ1	106.97	Before	Right Exterior Girder	50.55	0.95	1	1	18.126162
Type 3S2_str	BOBJ1	106.97	After	Left Exterior Girder	50.55	0.95	1	1	10.294926
Type 3S2_str	BOBJ1	106.97	After	Interior Girder 1	50.55	0.95	1	1	10.15271
Type 3S2_str	BOBJ1	106.97	After	Interior Girder 2	50.55	0.95	1	1	9.403189
Type 3S2_str	BOBJ1	106.97	After	Interior Girder 3	50.55	0.95	1	1	8.507194
Type 3S2_str	BOBJ1	106.97	After	Interior Girder 4	50.55	0.95	1	1	8.507194
Type 3S2_str	BOBJ1	106.97	After	Interior Girder 5	50.55	0.95	1	1	9.403189
Type 3S2_str	BOBJ1	106.97	After	Interior Girder 6	50.55	0.95	1	1	10.15271

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Approach, Span 7-11									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Type 3S2_str	BOBJ1	106.97	After	Right Exterior Girder	50.55	0.95	1	1	10.294926
Type 3S2_str	BOBJ1	115.405	Before	Left Exterior Girder	58.985	0.95	1	1	10.109179
Type 3S2_str	BOBJ1	115.405	Before	Interior Girder 1	58.985	0.95	1	1	9.906533
Type 3S2_str	BOBJ1	115.405	Before	Interior Girder 2	58.985	0.95	1	1	9.177778
Type 3S2_str	BOBJ1	115.405	Before	Interior Girder 3	58.985	0.95	1	1	8.300024
Type 3S2_str	BOBJ1	115.405	Before	Interior Girder 4	58.985	0.95	1	1	8.300024
Type 3S2_str	BOBJ1	115.405	Before	Interior Girder 5	58.985	0.95	1	1	9.177778
Type 3S2_str	BOBJ1	115.405	Before	Interior Girder 6	58.985	0.95	1	1	9.906533
Type 3S2_str	BOBJ1	115.405	Before	Right Exterior Girder	58.985	0.95	1	1	10.109179
Type 3S2_str	BOBJ1	115.405	After	Left Exterior Girder	58.985	0.95	1	1	6.36166
Type 3S2_str	BOBJ1	115.405	After	Interior Girder 1	58.985	0.95	1	1	8.447791
Type 3S2_str	BOBJ1	115.405	After	Interior Girder 2	58.985	0.95	1	1	6.494838
Type 3S2_str	BOBJ1	115.405	After	Interior Girder 3	58.985	0.95	1	1	5.567874
Type 3S2_str	BOBJ1	115.405	After	Interior Girder 4	58.985	0.95	1	1	5.567874
Type 3S2_str	BOBJ1	115.405	After	Interior Girder 5	58.985	0.95	1	1	6.494838
Type 3S2_str	BOBJ1	115.405	After	Interior Girder 6	58.985	0.95	1	1	8.447791
Type 3S2_str	BOBJ1	115.405	After	Right Exterior Girder	58.985	0.95	1	1	6.36166
Type 3S2_str	BOBJ1	116.34	Before	Left Exterior Girder	59.92	0.95	1	1	6.347713
Type 3S2_str	BOBJ1	116.34	Before	Right Exterior Girder	59.92	0.95	1	1	6.347713
Type 3S2_str	BOBJ1	116.34	After	Left Exterior Girder	59.92	0.95	1	1	5.744247
Type 3S2_str	BOBJ1	116.34	After	Right Exterior Girder	59.92	0.95	1	1	5.744247
Type 3S2_str	BOBJ1	118.84	Before	Interior Girder 1	62.42	0.95	1	1	6.649173
Type 3S2_str	BOBJ1	118.84	Before	Interior Girder 2	62.42	0.95	1	1	6.429594
Type 3S2_str	BOBJ1	118.84	Before	Interior Girder 3	62.42	0.95	1	1	5.510792
Type 3S2_str	BOBJ1	118.84	Before	Interior Girder 4	62.42	0.95	1	1	5.510792
Type 3S2_str	BOBJ1	118.84	Before	Interior Girder 5	62.42	0.95	1	1	6.429594
Type 3S2_str	BOBJ1	118.84	Before	Interior Girder 6	62.42	0.95	1	1	6.649173
Type 3S2_str	BOBJ1	118.84	After	Interior Girder 1	62.42	0.95	1	1	5.878256
Type 3S2_str	BOBJ1	118.84	After	Interior Girder 2	62.42	0.95	1	1	5.605961
Type 3S2_str	BOBJ1	118.84	After	Interior Girder 3	62.42	0.95	1	1	4.639807
Type 3S2_str	BOBJ1	118.84	After	Interior Girder 4	62.42	0.95	1	1	4.639807
Type 3S2_str	BOBJ1	118.84	After	Interior Girder 5	62.42	0.95	1	1	5.605961
Type 3S2_str	BOBJ1	118.84	After	Interior Girder 6	62.42	0.95	1	1	5.878256
Type 3S2_str	BOBJ1	123.84	Before	Left Exterior Girder	67.42	0.95	1	1	8.319717
Type 3S2_str	BOBJ1	123.84	Before	Interior Girder 1	67.42	0.95	1	1	5.786268
Type 3S2_str	BOBJ1	123.84	Before	Interior Girder 2	67.42	0.95	1	1	5.5192
Type 3S2_str	BOBJ1	123.84	Before	Interior Girder 3	67.42	0.95	1	1	4.5662
Type 3S2_str	BOBJ1	123.84	Before	Interior Girder 4	67.42	0.95	1	1	4.5662
Type 3S2_str	BOBJ1	123.84	Before	Interior Girder 5	67.42	0.95	1	1	5.5192
Type 3S2_str	BOBJ1	123.84	Before	Interior Girder 6	67.42	0.95	1	1	5.786268
Type 3S2_str	BOBJ1	123.84	Before	Right Exterior Girder	67.42	0.95	1	1	8.319717
Type 3S2_str	BOBJ1	123.84	After	Left Exterior Girder	0	0.95	1	1	8.216036
Type 3S2_str	BOBJ1	123.84	After	Interior Girder 1	0	0.95	1	1	5.758204
Type 3S2_str	BOBJ1	123.84	After	Interior Girder 2	0	0.95	1	1	5.501913
Type 3S2_str	BOBJ1	123.84	After	Interior Girder 3	0	0.95	1	1	4.557106
Type 3S2_str	BOBJ1	123.84	After	Interior Girder 4	0	0.95	1	1	4.557106
Type 3S2_str	BOBJ1	123.84	After	Interior Girder 5	0	0.95	1	1	5.501913
Type 3S2_str	BOBJ1	123.84	After	Interior Girder 6	0	0.95	1	1	5.758204
Type 3S2_str	BOBJ1	123.84	After	Right Exterior Girder	0	0.95	1	1	8.216036
Type 3S2_str	BOBJ1	128.84	Before	Interior Girder 1	5	0.95	1	1	5.849828
Type 3S2_str	BOBJ1	128.84	Before	Interior Girder 2	5	0.95	1	1	5.588458
Type 3S2_str	BOBJ1	128.84	Before	Interior Girder 3	5	0.95	1	1	4.630609
Type 3S2_str	BOBJ1	128.84	Before	Interior Girder 4	5	0.95	1	1	4.630609
Type 3S2_str	BOBJ1	128.84	Before	Interior Girder 5	5	0.95	1	1	5.588458
Type 3S2_str	BOBJ1	128.84	Before	Interior Girder 6	5	0.95	1	1	5.849828
Type 3S2_str	BOBJ1	128.84	After	Interior Girder 1	5	0.95	1	1	6.608844
Type 3S2_str	BOBJ1	128.84	After	Interior Girder 2	5	0.95	1	1	6.403915
Type 3S2_str	BOBJ1	128.84	After	Interior Girder 3	5	0.95	1	1	5.496481
Type 3S2_str	BOBJ1	128.84	After	Interior Girder 4	5	0.95	1	1	5.496481
Type 3S2_str	BOBJ1	128.84	After	Interior Girder 5	5	0.95	1	1	6.403915
Type 3S2_str	BOBJ1	128.84	After	Interior Girder 6	5	0.95	1	1	6.608844
Type 3S2_str	BOBJ1	131.34	Before	Left Exterior Girder	7.5	0.95	1	1	5.670705
Type 3S2_str	BOBJ1	131.34	Before	Right Exterior Girder	7.5	0.95	1	1	5.670705
Type 3S2_str	BOBJ1	131.34	After	Left Exterior Girder	7.5	0.95	1	1	6.262016
Type 3S2_str	BOBJ1	131.34	After	Right Exterior Girder	7.5	0.95	1	1	6.262016

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Approach, Span 7-11									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Type 3S2_str	BOBJ1	132.265	Before	Left Exterior Girder	8.425	0.95	1	1	6.275647
Type 3S2_str	BOBJ1	132.265	Before	Interior Girder 1	8.425	0.95	1	1	8.438101
Type 3S2_str	BOBJ1	132.265	Before	Interior Girder 2	8.425	0.95	1	1	6.46875
Type 3S2_str	BOBJ1	132.265	Before	Interior Girder 3	8.425	0.95	1	1	5.553282
Type 3S2_str	BOBJ1	132.265	Before	Interior Girder 4	8.425	0.95	1	1	5.553282
Type 3S2_str	BOBJ1	132.265	Before	Interior Girder 5	8.425	0.95	1	1	6.46875
Type 3S2_str	BOBJ1	132.265	Before	Interior Girder 6	8.425	0.95	1	1	8.438101
Type 3S2_str	BOBJ1	132.265	Before	Right Exterior Girder	8.425	0.95	1	1	6.275647
Type 3S2_str	BOBJ1	132.265	After	Left Exterior Girder	8.425	0.95	1	1	9.965453
Type 3S2_str	BOBJ1	132.265	After	Interior Girder 1	8.425	0.95	1	1	9.810547
Type 3S2_str	BOBJ1	132.265	After	Interior Girder 2	8.425	0.95	1	1	9.119162
Type 3S2_str	BOBJ1	132.265	After	Interior Girder 3	8.425	0.95	1	1	8.265757
Type 3S2_str	BOBJ1	132.265	After	Interior Girder 4	8.425	0.95	1	1	8.265757
Type 3S2_str	BOBJ1	132.265	After	Interior Girder 5	8.425	0.95	1	1	9.119162
Type 3S2_str	BOBJ1	132.265	After	Interior Girder 6	8.425	0.95	1	1	9.810547
Type 3S2_str	BOBJ1	132.265	After	Right Exterior Girder	8.425	0.95	1	1	9.965453
Type 3S2_str	BOBJ1	140.69	Before	Left Exterior Girder	16.85	0.95	1	1	10.148528
Type 3S2_str	BOBJ1	140.69	Before	Interior Girder 1	16.85	0.95	1	1	10.054276
Type 3S2_str	BOBJ1	140.69	Before	Interior Girder 2	16.85	0.95	1	1	9.34302
Type 3S2_str	BOBJ1	140.69	Before	Interior Girder 3	16.85	0.95	1	1	8.471947
Type 3S2_str	BOBJ1	140.69	Before	Interior Girder 4	16.85	0.95	1	1	8.471947
Type 3S2_str	BOBJ1	140.69	Before	Interior Girder 5	16.85	0.95	1	1	9.34302
Type 3S2_str	BOBJ1	140.69	Before	Interior Girder 6	16.85	0.95	1	1	10.054276
Type 3S2_str	BOBJ1	140.69	Before	Right Exterior Girder	16.85	0.95	1	1	10.148528
Type 3S2_str	BOBJ1	140.69	After	Left Exterior Girder	16.85	0.95	1	1	17.740386
Type 3S2_str	BOBJ1	140.69	After	Interior Girder 1	16.85	0.95	1	1	11.683874
Type 3S2_str	BOBJ1	140.69	After	Interior Girder 2	16.85	0.95	1	1	10.880334
Type 3S2_str	BOBJ1	140.69	After	Interior Girder 3	16.85	0.95	1	1	9.74809
Type 3S2_str	BOBJ1	140.69	After	Interior Girder 4	16.85	0.95	1	1	9.74809
Type 3S2_str	BOBJ1	140.69	After	Interior Girder 5	16.85	0.95	1	1	10.880334
Type 3S2_str	BOBJ1	140.69	After	Interior Girder 6	16.85	0.95	1	1	11.683874
Type 3S2_str	BOBJ1	140.69	After	Right Exterior Girder	16.85	0.95	1	1	17.740386
Type 3S2_str	BOBJ1	149.115	Before	Left Exterior Girder	25.275	0.95	1	1	18.049276
Type 3S2_str	BOBJ1	149.115	Before	Interior Girder 1	25.275	0.95	1	1	11.963974
Type 3S2_str	BOBJ1	149.115	Before	Interior Girder 2	25.275	0.95	1	1	11.140588
Type 3S2_str	BOBJ1	149.115	Before	Interior Girder 3	25.275	0.95	1	1	9.981031
Type 3S2_str	BOBJ1	149.115	Before	Interior Girder 4	25.275	0.95	1	1	9.981031
Type 3S2_str	BOBJ1	149.115	Before	Interior Girder 5	25.275	0.95	1	1	11.140588
Type 3S2_str	BOBJ1	149.115	Before	Interior Girder 6	25.275	0.95	1	1	11.963974
Type 3S2_str	BOBJ1	149.115	Before	Right Exterior Girder	25.275	0.95	1	1	18.049276
Type 3S2_str	BOBJ1	149.115	After	Left Exterior Girder	25.275	0.95	1	1	23.584472
Type 3S2_str	BOBJ1	149.115	After	Interior Girder 1	25.275	0.95	1	1	19.108546
Type 3S2_str	BOBJ1	149.115	After	Interior Girder 2	25.275	0.95	1	1	17.227321
Type 3S2_str	BOBJ1	149.115	After	Interior Girder 3	25.275	0.95	1	1	14.634171
Type 3S2_str	BOBJ1	149.115	After	Interior Girder 4	25.275	0.95	1	1	14.634171
Type 3S2_str	BOBJ1	149.115	After	Interior Girder 5	25.275	0.95	1	1	17.227321
Type 3S2_str	BOBJ1	149.115	After	Interior Girder 6	25.275	0.95	1	1	19.108546
Type 3S2_str	BOBJ1	149.115	After	Right Exterior Girder	25.275	0.95	1	1	23.584472
Type 3S2_str	BOBJ1	157.54	Before	Left Exterior Girder	33.7	0.95	1	1	23.974954
Type 3S2_str	BOBJ1	157.54	Before	Interior Girder 1	33.7	0.95	1	1	19.552843
Type 3S2_str	BOBJ1	157.54	Before	Interior Girder 2	33.7	0.95	1	1	17.010088
Type 3S2_str	BOBJ1	157.54	Before	Interior Girder 3	33.7	0.95	1	1	14.313412
Type 3S2_str	BOBJ1	157.54	Before	Interior Girder 4	33.7	0.95	1	1	14.313412
Type 3S2_str	BOBJ1	157.54	Before	Interior Girder 5	33.7	0.95	1	1	17.010088
Type 3S2_str	BOBJ1	157.54	Before	Interior Girder 6	33.7	0.95	1	1	19.552843
Type 3S2_str	BOBJ1	157.54	Before	Right Exterior Girder	33.7	0.95	1	1	23.974954
Type 3S2_str	BOBJ1	157.54	After	Left Exterior Girder	33.7	0.95	1	1	24.016987
Type 3S2_str	BOBJ1	157.54	After	Interior Girder 1	33.7	0.95	1	1	19.564918
Type 3S2_str	BOBJ1	157.54	After	Interior Girder 2	33.7	0.95	1	1	17.003647
Type 3S2_str	BOBJ1	157.54	After	Interior Girder 3	33.7	0.95	1	1	14.305979
Type 3S2_str	BOBJ1	157.54	After	Interior Girder 4	33.7	0.95	1	1	14.305979
Type 3S2_str	BOBJ1	157.54	After	Interior Girder 5	33.7	0.95	1	1	17.003647
Type 3S2_str	BOBJ1	157.54	After	Interior Girder 6	33.7	0.95	1	1	19.564918
Type 3S2_str	BOBJ1	157.54	After	Right Exterior Girder	33.7	0.95	1	1	24.016987
Type 3S2_str	BOBJ1	165.965	Before	Left Exterior Girder	42.125	0.95	1	1	23.625849

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Approach, Span 7-11									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Type 3S2_str	BOBJ1	165.965	Before	Interior Girder 1	42.125	0.95	1	1	19.120356
Type 3S2_str	BOBJ1	165.965	Before	Interior Girder 2	42.125	0.95	1	1	17.238914
Type 3S2_str	BOBJ1	165.965	Before	Interior Girder 3	42.125	0.95	1	1	14.626585
Type 3S2_str	BOBJ1	165.965	Before	Interior Girder 4	42.125	0.95	1	1	14.626585
Type 3S2_str	BOBJ1	165.965	Before	Interior Girder 5	42.125	0.95	1	1	17.238914
Type 3S2_str	BOBJ1	165.965	Before	Interior Girder 6	42.125	0.95	1	1	19.120356
Type 3S2_str	BOBJ1	165.965	Before	Right Exterior Girder	42.125	0.95	1	1	23.625849
Type 3S2_str	BOBJ1	165.965	After	Left Exterior Girder	42.125	0.95	1	1	18.077004
Type 3S2_str	BOBJ1	165.965	After	Interior Girder 1	42.125	0.95	1	1	11.9713
Type 3S2_str	BOBJ1	165.965	After	Interior Girder 2	42.125	0.95	1	1	11.147028
Type 3S2_str	BOBJ1	165.965	After	Interior Girder 3	42.125	0.95	1	1	9.986348
Type 3S2_str	BOBJ1	165.965	After	Interior Girder 4	42.125	0.95	1	1	9.986348
Type 3S2_str	BOBJ1	165.965	After	Interior Girder 5	42.125	0.95	1	1	11.147028
Type 3S2_str	BOBJ1	165.965	After	Interior Girder 6	42.125	0.95	1	1	11.9713
Type 3S2_str	BOBJ1	165.965	After	Right Exterior Girder	42.125	0.95	1	1	18.077004
Type 3S2_str	BOBJ1	174.39	Before	Left Exterior Girder	50.55	0.95	1	1	17.767663
Type 3S2_str	BOBJ1	174.39	Before	Interior Girder 1	50.55	0.95	1	1	11.691033
Type 3S2_str	BOBJ1	174.39	Before	Interior Girder 2	50.55	0.95	1	1	10.886629
Type 3S2_str	BOBJ1	174.39	Before	Interior Girder 3	50.55	0.95	1	1	9.753295
Type 3S2_str	BOBJ1	174.39	Before	Interior Girder 4	50.55	0.95	1	1	9.753295
Type 3S2_str	BOBJ1	174.39	Before	Interior Girder 5	50.55	0.95	1	1	10.886629
Type 3S2_str	BOBJ1	174.39	Before	Interior Girder 6	50.55	0.95	1	1	11.691033
Type 3S2_str	BOBJ1	174.39	Before	Right Exterior Girder	50.55	0.95	1	1	17.767663
Type 3S2_str	BOBJ1	174.39	After	Left Exterior Girder	50.55	0.95	1	1	10.159498
Type 3S2_str	BOBJ1	174.39	After	Interior Girder 1	50.55	0.95	1	1	10.05988
Type 3S2_str	BOBJ1	174.39	After	Interior Girder 2	50.55	0.95	1	1	9.345763
Type 3S2_str	BOBJ1	174.39	After	Interior Girder 3	50.55	0.95	1	1	8.480825
Type 3S2_str	BOBJ1	174.39	After	Interior Girder 4	50.55	0.95	1	1	8.480825
Type 3S2_str	BOBJ1	174.39	After	Interior Girder 5	50.55	0.95	1	1	9.345763
Type 3S2_str	BOBJ1	174.39	After	Interior Girder 6	50.55	0.95	1	1	10.05988
Type 3S2_str	BOBJ1	174.39	After	Right Exterior Girder	50.55	0.95	1	1	10.159498
Type 3S2_str	BOBJ1	182.825	Before	Left Exterior Girder	58.985	0.95	1	1	9.976029
Type 3S2_str	BOBJ1	182.825	Before	Interior Girder 1	58.985	0.95	1	1	9.815715
Type 3S2_str	BOBJ1	182.825	Before	Interior Girder 2	58.985	0.95	1	1	9.121563
Type 3S2_str	BOBJ1	182.825	Before	Interior Girder 3	58.985	0.95	1	1	8.274198
Type 3S2_str	BOBJ1	182.825	Before	Interior Girder 4	58.985	0.95	1	1	8.274198
Type 3S2_str	BOBJ1	182.825	Before	Interior Girder 5	58.985	0.95	1	1	9.121563
Type 3S2_str	BOBJ1	182.825	Before	Interior Girder 6	58.985	0.95	1	1	9.815715
Type 3S2_str	BOBJ1	182.825	Before	Right Exterior Girder	58.985	0.95	1	1	9.976029
Type 3S2_str	BOBJ1	182.825	After	Left Exterior Girder	58.985	0.95	1	1	6.298894
Type 3S2_str	BOBJ1	182.825	After	Interior Girder 1	58.985	0.95	1	1	8.419836
Type 3S2_str	BOBJ1	182.825	After	Interior Girder 2	58.985	0.95	1	1	6.466898
Type 3S2_str	BOBJ1	182.825	After	Interior Girder 3	58.985	0.95	1	1	5.555479
Type 3S2_str	BOBJ1	182.825	After	Interior Girder 4	58.985	0.95	1	1	5.555479
Type 3S2_str	BOBJ1	182.825	After	Interior Girder 5	58.985	0.95	1	1	6.466898
Type 3S2_str	BOBJ1	182.825	After	Interior Girder 6	58.985	0.95	1	1	8.419836
Type 3S2_str	BOBJ1	182.825	After	Right Exterior Girder	58.985	0.95	1	1	6.298894
Type 3S2_str	BOBJ1	183.76	Before	Left Exterior Girder	59.92	0.95	1	1	6.285072
Type 3S2_str	BOBJ1	183.76	Before	Right Exterior Girder	59.92	0.95	1	1	6.285072
Type 3S2_str	BOBJ1	183.76	After	Left Exterior Girder	59.92	0.95	1	1	5.691142
Type 3S2_str	BOBJ1	183.76	After	Right Exterior Girder	59.92	0.95	1	1	5.691142
Type 3S2_str	BOBJ1	186.26	Before	Interior Girder 1	62.42	0.95	1	1	6.608644
Type 3S2_str	BOBJ1	186.26	Before	Interior Girder 2	62.42	0.95	1	1	6.401886
Type 3S2_str	BOBJ1	186.26	Before	Interior Girder 3	62.42	0.95	1	1	5.498495
Type 3S2_str	BOBJ1	186.26	Before	Interior Girder 4	62.42	0.95	1	1	5.498495
Type 3S2_str	BOBJ1	186.26	Before	Interior Girder 5	62.42	0.95	1	1	6.401886
Type 3S2_str	BOBJ1	186.26	Before	Interior Girder 6	62.42	0.95	1	1	6.608644
Type 3S2_str	BOBJ1	186.26	After	Interior Girder 1	62.42	0.95	1	1	5.847172
Type 3S2_str	BOBJ1	186.26	After	Interior Girder 2	62.42	0.95	1	1	5.5852
Type 3S2_str	BOBJ1	186.26	After	Interior Girder 3	62.42	0.95	1	1	4.630363
Type 3S2_str	BOBJ1	186.26	After	Interior Girder 4	62.42	0.95	1	1	4.630363
Type 3S2_str	BOBJ1	186.26	After	Interior Girder 5	62.42	0.95	1	1	5.5852
Type 3S2_str	BOBJ1	186.26	After	Interior Girder 6	62.42	0.95	1	1	5.847172
Type 3S2_str	BOBJ1	191.26	Before	Left Exterior Girder	67.42	0.95	1	1	8.221458
Type 3S2_str	BOBJ1	191.26	Before	Interior Girder 1	67.42	0.95	1	1	5.755578

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Approach, Span 7-11									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Type 3S2_str	BOBJ1	191.26	Before	Interior Girder 2	67.42	0.95	1	1	5.498695
Type 3S2_str	BOBJ1	191.26	Before	Interior Girder 3	67.42	0.95	1	1	4.556866
Type 3S2_str	BOBJ1	191.26	Before	Interior Girder 4	67.42	0.95	1	1	4.556866
Type 3S2_str	BOBJ1	191.26	Before	Interior Girder 5	67.42	0.95	1	1	5.498695
Type 3S2_str	BOBJ1	191.26	Before	Interior Girder 6	67.42	0.95	1	1	5.755578
Type 3S2_str	BOBJ1	191.26	Before	Right Exterior Girder	67.42	0.95	1	1	8.221458
Type 3S2_str	BOBJ1	191.26	After	Left Exterior Girder	0	0.95	1	1	8.31179
Type 3S2_str	BOBJ1	191.26	After	Interior Girder 1	0	0.95	1	1	5.787894
Type 3S2_str	BOBJ1	191.26	After	Interior Girder 2	0	0.95	1	1	5.521752
Type 3S2_str	BOBJ1	191.26	After	Interior Girder 3	0	0.95	1	1	4.565903
Type 3S2_str	BOBJ1	191.26	After	Interior Girder 4	0	0.95	1	1	4.565903
Type 3S2_str	BOBJ1	191.26	After	Interior Girder 5	0	0.95	1	1	5.521752
Type 3S2_str	BOBJ1	191.26	After	Interior Girder 6	0	0.95	1	1	5.787894
Type 3S2_str	BOBJ1	191.26	After	Right Exterior Girder	0	0.95	1	1	8.31179
Type 3S2_str	BOBJ1	196.26	Before	Interior Girder 1	5	0.95	1	1	5.879912
Type 3S2_str	BOBJ1	196.26	Before	Interior Girder 2	5	0.95	1	1	5.608552
Type 3S2_str	BOBJ1	196.26	Before	Interior Girder 3	5	0.95	1	1	4.639518
Type 3S2_str	BOBJ1	196.26	Before	Interior Girder 4	5	0.95	1	1	4.639518
Type 3S2_str	BOBJ1	196.26	Before	Interior Girder 5	5	0.95	1	1	5.608552
Type 3S2_str	BOBJ1	196.26	Before	Interior Girder 6	5	0.95	1	1	5.879912
Type 3S2_str	BOBJ1	196.26	After	Interior Girder 1	5	0.95	1	1	6.648222
Type 3S2_str	BOBJ1	196.26	After	Interior Girder 2	5	0.95	1	1	6.430848
Type 3S2_str	BOBJ1	196.26	After	Interior Girder 3	5	0.95	1	1	5.508245
Type 3S2_str	BOBJ1	196.26	After	Interior Girder 4	5	0.95	1	1	5.508245
Type 3S2_str	BOBJ1	196.26	After	Interior Girder 5	5	0.95	1	1	6.430848
Type 3S2_str	BOBJ1	196.26	After	Interior Girder 6	5	0.95	1	1	6.648222
Type 3S2_str	BOBJ1	198.76	Before	Left Exterior Girder	7.5	0.95	1	1	5.721158
Type 3S2_str	BOBJ1	198.76	Before	Right Exterior Girder	7.5	0.95	1	1	5.721158
Type 3S2_str	BOBJ1	198.76	After	Left Exterior Girder	7.5	0.95	1	1	6.321745
Type 3S2_str	BOBJ1	198.76	After	Right Exterior Girder	7.5	0.95	1	1	6.321745
Type 3S2_str	BOBJ1	199.685	Before	Left Exterior Girder	8.425	0.95	1	1	6.335499
Type 3S2_str	BOBJ1	199.685	Before	Interior Girder 1	8.425	0.95	1	1	8.465586
Type 3S2_str	BOBJ1	199.685	Before	Interior Girder 2	8.425	0.95	1	1	6.495914
Type 3S2_str	BOBJ1	199.685	Before	Interior Girder 3	8.425	0.95	1	1	5.565143
Type 3S2_str	BOBJ1	199.685	Before	Interior Girder 4	8.425	0.95	1	1	5.565143
Type 3S2_str	BOBJ1	199.685	Before	Interior Girder 5	8.425	0.95	1	1	6.495914
Type 3S2_str	BOBJ1	199.685	Before	Interior Girder 6	8.425	0.95	1	1	8.465586
Type 3S2_str	BOBJ1	199.685	Before	Right Exterior Girder	8.425	0.95	1	1	6.335499
Type 3S2_str	BOBJ1	199.685	After	Left Exterior Girder	8.425	0.95	1	1	10.095778
Type 3S2_str	BOBJ1	199.685	After	Interior Girder 1	8.425	0.95	1	1	9.899534
Type 3S2_str	BOBJ1	199.685	After	Interior Girder 2	8.425	0.95	1	1	9.174165
Type 3S2_str	BOBJ1	199.685	After	Interior Girder 3	8.425	0.95	1	1	8.290637
Type 3S2_str	BOBJ1	199.685	After	Interior Girder 4	8.425	0.95	1	1	8.290637
Type 3S2_str	BOBJ1	199.685	After	Interior Girder 5	8.425	0.95	1	1	9.174165
Type 3S2_str	BOBJ1	199.685	After	Interior Girder 6	8.425	0.95	1	1	9.899534
Type 3S2_str	BOBJ1	199.685	After	Right Exterior Girder	8.425	0.95	1	1	10.095778
Type 3S2_str	BOBJ1	208.11	Before	Left Exterior Girder	16.85	0.95	1	1	10.281126
Type 3S2_str	BOBJ1	208.11	Before	Interior Girder 1	16.85	0.95	1	1	10.145269
Type 3S2_str	BOBJ1	208.11	Before	Interior Girder 2	16.85	0.95	1	1	9.39923
Type 3S2_str	BOBJ1	208.11	Before	Interior Girder 3	16.85	0.95	1	1	8.497368
Type 3S2_str	BOBJ1	208.11	Before	Interior Girder 4	16.85	0.95	1	1	8.497368
Type 3S2_str	BOBJ1	208.11	Before	Interior Girder 5	16.85	0.95	1	1	9.39923
Type 3S2_str	BOBJ1	208.11	Before	Interior Girder 6	16.85	0.95	1	1	10.145269
Type 3S2_str	BOBJ1	208.11	Before	Right Exterior Girder	16.85	0.95	1	1	10.281126
Type 3S2_str	BOBJ1	208.11	After	Left Exterior Girder	16.85	0.95	1	1	18.093783
Type 3S2_str	BOBJ1	208.11	After	Interior Girder 1	16.85	0.95	1	1	11.824426
Type 3S2_str	BOBJ1	208.11	After	Interior Girder 2	16.85	0.95	1	1	10.960568
Type 3S2_str	BOBJ1	208.11	After	Interior Girder 3	16.85	0.95	1	1	9.790242
Type 3S2_str	BOBJ1	208.11	After	Interior Girder 4	16.85	0.95	1	1	9.790242
Type 3S2_str	BOBJ1	208.11	After	Interior Girder 5	16.85	0.95	1	1	10.960568
Type 3S2_str	BOBJ1	208.11	After	Interior Girder 6	16.85	0.95	1	1	11.824426
Type 3S2_str	BOBJ1	208.11	After	Right Exterior Girder	16.85	0.95	1	1	18.093783
Type 3S2_str	BOBJ1	216.535	Before	Left Exterior Girder	25.275	0.95	1	1	18.408549
Type 3S2_str	BOBJ1	216.535	Before	Interior Girder 1	25.275	0.95	1	1	12.107665
Type 3S2_str	BOBJ1	216.535	Before	Interior Girder 2	25.275	0.95	1	1	11.222609

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Approach, Span 7-11									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Type 3S2_str	BOBJ1	216.535	Before	Interior Girder 3	25.275	0.95	1	1	10.02414
Type 3S2_str	BOBJ1	216.535	Before	Interior Girder 4	25.275	0.95	1	1	10.02414
Type 3S2_str	BOBJ1	216.535	Before	Interior Girder 5	25.275	0.95	1	1	11.222609
Type 3S2_str	BOBJ1	216.535	Before	Interior Girder 6	25.275	0.95	1	1	12.107665
Type 3S2_str	BOBJ1	216.535	Before	Right Exterior Girder	25.275	0.95	1	1	18.408549
Type 3S2_str	BOBJ1	216.535	After	Left Exterior Girder	25.275	0.95	1	1	24.09096
Type 3S2_str	BOBJ1	216.535	After	Interior Girder 1	25.275	0.95	1	1	19.33262
Type 3S2_str	BOBJ1	216.535	After	Interior Girder 2	25.275	0.95	1	1	17.323002
Type 3S2_str	BOBJ1	216.535	After	Interior Girder 3	25.275	0.95	1	1	14.590374
Type 3S2_str	BOBJ1	216.535	After	Interior Girder 4	25.275	0.95	1	1	14.590374
Type 3S2_str	BOBJ1	216.535	After	Interior Girder 5	25.275	0.95	1	1	17.323002
Type 3S2_str	BOBJ1	216.535	After	Interior Girder 6	25.275	0.95	1	1	19.33262
Type 3S2_str	BOBJ1	216.535	After	Right Exterior Girder	25.275	0.95	1	1	24.09096
Type 3S2_str	BOBJ1	224.96	Before	Left Exterior Girder	33.7	0.95	1	1	24.489484
Type 3S2_str	BOBJ1	224.96	Before	Interior Girder 1	33.7	0.95	1	1	19.641126
Type 3S2_str	BOBJ1	224.96	Before	Interior Girder 2	33.7	0.95	1	1	16.94343
Type 3S2_str	BOBJ1	224.96	Before	Interior Girder 3	33.7	0.95	1	1	14.270516
Type 3S2_str	BOBJ1	224.96	Before	Interior Girder 4	33.7	0.95	1	1	14.270516
Type 3S2_str	BOBJ1	224.96	Before	Interior Girder 5	33.7	0.95	1	1	16.94343
Type 3S2_str	BOBJ1	224.96	Before	Interior Girder 6	33.7	0.95	1	1	19.641126
Type 3S2_str	BOBJ1	224.96	Before	Right Exterior Girder	33.7	0.95	1	1	24.489484
Type 3S2_str	BOBJ1	224.96	After	Left Exterior Girder	33.7	0.95	1	1	23.42216
Type 3S2_str	BOBJ1	224.96	After	Interior Girder 1	33.7	0.95	1	1	19.386578
Type 3S2_str	BOBJ1	224.96	After	Interior Girder 2	33.7	0.95	1	1	17.059567
Type 3S2_str	BOBJ1	224.96	After	Interior Girder 3	33.7	0.95	1	1	14.370567
Type 3S2_str	BOBJ1	224.96	After	Interior Girder 4	33.7	0.95	1	1	14.370567
Type 3S2_str	BOBJ1	224.96	After	Interior Girder 5	33.7	0.95	1	1	17.059567
Type 3S2_str	BOBJ1	224.96	After	Interior Girder 6	33.7	0.95	1	1	19.386578
Type 3S2_str	BOBJ1	224.96	After	Right Exterior Girder	33.7	0.95	1	1	23.42216
Type 3S2_str	BOBJ1	233.385	Before	Left Exterior Girder	42.125	0.95	1	1	23.040074
Type 3S2_str	BOBJ1	233.385	Before	Interior Girder 1	42.125	0.95	1	1	18.945949
Type 3S2_str	BOBJ1	233.385	Before	Interior Girder 2	42.125	0.95	1	1	17.105696
Type 3S2_str	BOBJ1	233.385	Before	Interior Girder 3	42.125	0.95	1	1	14.692526
Type 3S2_str	BOBJ1	233.385	Before	Interior Girder 4	42.125	0.95	1	1	14.692526
Type 3S2_str	BOBJ1	233.385	Before	Interior Girder 5	42.125	0.95	1	1	17.105696
Type 3S2_str	BOBJ1	233.385	Before	Interior Girder 6	42.125	0.95	1	1	18.945949
Type 3S2_str	BOBJ1	233.385	Before	Right Exterior Girder	42.125	0.95	1	1	23.040074
Type 3S2_str	BOBJ1	233.385	After	Left Exterior Girder	42.125	0.95	1	1	17.645248
Type 3S2_str	BOBJ1	233.385	After	Interior Girder 1	42.125	0.95	1	1	11.883813
Type 3S2_str	BOBJ1	233.385	After	Interior Girder 2	42.125	0.95	1	1	11.083813
Type 3S2_str	BOBJ1	233.385	After	Interior Girder 3	42.125	0.95	1	1	9.938216
Type 3S2_str	BOBJ1	233.385	After	Interior Girder 4	42.125	0.95	1	1	9.938216
Type 3S2_str	BOBJ1	233.385	After	Interior Girder 5	42.125	0.95	1	1	11.083813
Type 3S2_str	BOBJ1	233.385	After	Interior Girder 6	42.125	0.95	1	1	11.883813
Type 3S2_str	BOBJ1	233.385	After	Right Exterior Girder	42.125	0.95	1	1	17.645248
Type 3S2_str	BOBJ1	241.81	Before	Left Exterior Girder	50.55	0.95	1	1	17.342741
Type 3S2_str	BOBJ1	241.81	Before	Interior Girder 1	50.55	0.95	1	1	11.605538
Type 3S2_str	BOBJ1	241.81	Before	Interior Girder 2	50.55	0.95	1	1	10.824886
Type 3S2_str	BOBJ1	241.81	Before	Interior Girder 3	50.55	0.95	1	1	9.706208
Type 3S2_str	BOBJ1	241.81	Before	Interior Girder 4	50.55	0.95	1	1	9.706208
Type 3S2_str	BOBJ1	241.81	Before	Interior Girder 5	50.55	0.95	1	1	10.824886
Type 3S2_str	BOBJ1	241.81	Before	Interior Girder 6	50.55	0.95	1	1	11.605538
Type 3S2_str	BOBJ1	241.81	Before	Right Exterior Girder	50.55	0.95	1	1	17.342741
Type 3S2_str	BOBJ1	241.81	After	Left Exterior Girder	50.55	0.95	1	1	10.082168
Type 3S2_str	BOBJ1	241.81	After	Interior Girder 1	50.55	0.95	1	1	9.962118
Type 3S2_str	BOBJ1	241.81	After	Interior Girder 2	50.55	0.95	1	1	9.161727
Type 3S2_str	BOBJ1	241.81	After	Interior Girder 3	50.55	0.95	1	1	8.239196
Type 3S2_str	BOBJ1	241.81	After	Interior Girder 4	50.55	0.95	1	1	8.239196
Type 3S2_str	BOBJ1	241.81	After	Interior Girder 5	50.55	0.95	1	1	9.161727
Type 3S2_str	BOBJ1	241.81	After	Interior Girder 6	50.55	0.95	1	1	9.962118
Type 3S2_str	BOBJ1	241.81	After	Right Exterior Girder	50.55	0.95	1	1	10.082168
Type 3S2_str	BOBJ1	245.18	Before	Left Exterior Girder	53.92	0.95	1	1	10.009916
Type 3S2_str	BOBJ1	245.18	Before	Interior Girder 1	53.92	0.95	1	1	9.865883
Type 3S2_str	BOBJ1	245.18	Before	Interior Girder 2	53.92	0.95	1	1	9.074163
Type 3S2_str	BOBJ1	245.18	Before	Interior Girder 3	53.92	0.95	1	1	8.159192

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Approach, Span 7-11									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Type 3S2_str	BOBJ1	245.18	Before	Interior Girder 4	53.92	0.95	1	1	8.159192
Type 3S2_str	BOBJ1	245.18	Before	Interior Girder 5	53.92	0.95	1	1	9.074163
Type 3S2_str	BOBJ1	245.18	Before	Interior Girder 6	53.92	0.95	1	1	9.865883
Type 3S2_str	BOBJ1	245.18	Before	Right Exterior Girder	53.92	0.95	1	1	10.009916
Type 3S2_str	BOBJ1	245.18	After	Left Exterior Girder	53.92	0.95	1	1	10.429523
Type 3S2_str	BOBJ1	245.18	After	Interior Girder 1	53.92	0.95	1	1	8.991425
Type 3S2_str	BOBJ1	245.18	After	Interior Girder 2	53.92	0.95	1	1	8.353357
Type 3S2_str	BOBJ1	245.18	After	Interior Girder 3	53.92	0.95	1	1	7.469244
Type 3S2_str	BOBJ1	245.18	After	Interior Girder 4	53.92	0.95	1	1	7.469244
Type 3S2_str	BOBJ1	245.18	After	Interior Girder 5	53.92	0.95	1	1	8.353357
Type 3S2_str	BOBJ1	245.18	After	Interior Girder 6	53.92	0.95	1	1	8.991425
Type 3S2_str	BOBJ1	245.18	After	Right Exterior Girder	53.92	0.95	1	1	10.429523
Type 3S2_str	BOBJ1	250.245	Before	Left Exterior Girder	58.985	0.95	1	1	10.324022
Type 3S2_str	BOBJ1	250.245	Before	Interior Girder 1	58.985	0.95	1	1	8.863955
Type 3S2_str	BOBJ1	250.245	Before	Interior Girder 2	58.985	0.95	1	1	8.236102
Type 3S2_str	BOBJ1	250.245	Before	Interior Girder 3	58.985	0.95	1	1	7.362632
Type 3S2_str	BOBJ1	250.245	Before	Interior Girder 4	58.985	0.95	1	1	7.362632
Type 3S2_str	BOBJ1	250.245	Before	Interior Girder 5	58.985	0.95	1	1	8.236102
Type 3S2_str	BOBJ1	250.245	Before	Interior Girder 6	58.985	0.95	1	1	8.863955
Type 3S2_str	BOBJ1	250.245	Before	Right Exterior Girder	58.985	0.95	1	1	10.324022
Type 3S2_str	BOBJ1	250.245	After	Left Exterior Girder	58.985	0.95	1	1	8.451897
Type 3S2_str	BOBJ1	250.245	After	Interior Girder 1	58.985	0.95	1	1	7.775607
Type 3S2_str	BOBJ1	250.245	After	Interior Girder 2	58.985	0.95	1	1	6.741348
Type 3S2_str	BOBJ1	250.245	After	Interior Girder 3	58.985	0.95	1	1	5.823159
Type 3S2_str	BOBJ1	250.245	After	Interior Girder 4	58.985	0.95	1	1	5.823159
Type 3S2_str	BOBJ1	250.245	After	Interior Girder 5	58.985	0.95	1	1	6.741348
Type 3S2_str	BOBJ1	250.245	After	Interior Girder 6	58.985	0.95	1	1	7.775607
Type 3S2_str	BOBJ1	250.245	After	Right Exterior Girder	58.985	0.95	1	1	8.451897
Type 3S2_str	BOBJ1	251.68	Before	Left Exterior Girder	60.42	0.95	1	1	8.426651
Type 3S2_str	BOBJ1	251.68	Before	Right Exterior Girder	60.42	0.95	1	1	8.426651
Type 3S2_str	BOBJ1	251.68	After	Left Exterior Girder	60.42	0.95	1	1	7.784148
Type 3S2_str	BOBJ1	251.68	After	Right Exterior Girder	60.42	0.95	1	1	7.784148
Type 3S2_str	BOBJ1	254.18	Before	Interior Girder 1	62.92	0.95	1	1	6.933037
Type 3S2_str	BOBJ1	254.18	Before	Interior Girder 2	62.92	0.95	1	1	6.666534
Type 3S2_str	BOBJ1	254.18	Before	Interior Girder 3	62.92	0.95	1	1	5.757242
Type 3S2_str	BOBJ1	254.18	Before	Interior Girder 4	62.92	0.95	1	1	5.757242
Type 3S2_str	BOBJ1	254.18	Before	Interior Girder 5	62.92	0.95	1	1	6.666534
Type 3S2_str	BOBJ1	254.18	Before	Interior Girder 6	62.92	0.95	1	1	6.933037
Type 3S2_str	BOBJ1	254.18	After	Interior Girder 1	62.92	0.95	1	1	6.044039
Type 3S2_str	BOBJ1	254.18	After	Interior Girder 2	62.92	0.95	1	1	5.773648
Type 3S2_str	BOBJ1	254.18	After	Interior Girder 3	62.92	0.95	1	1	4.76283
Type 3S2_str	BOBJ1	254.18	After	Interior Girder 4	62.92	0.95	1	1	4.76283
Type 3S2_str	BOBJ1	254.18	After	Interior Girder 5	62.92	0.95	1	1	5.773648
Type 3S2_str	BOBJ1	254.18	After	Interior Girder 6	62.92	0.95	1	1	6.044039
Type 3S2_str	BOBJ1	258.68	Before	Left Exterior Girder	67.42	0.95	1	1	9.191515
Type 3S2_str	BOBJ1	258.68	Before	Interior Girder 1	67.42	0.95	1	1	5.963692
Type 3S2_str	BOBJ1	258.68	Before	Interior Girder 2	67.42	0.95	1	1	5.697643
Type 3S2_str	BOBJ1	258.68	Before	Interior Girder 3	67.42	0.95	1	1	4.698579
Type 3S2_str	BOBJ1	258.68	Before	Interior Girder 4	67.42	0.95	1	1	4.698579
Type 3S2_str	BOBJ1	258.68	Before	Interior Girder 5	67.42	0.95	1	1	5.697643
Type 3S2_str	BOBJ1	258.68	Before	Interior Girder 6	67.42	0.95	1	1	5.963692
Type 3S2_str	BOBJ1	258.68	Before	Right Exterior Girder	67.42	0.95	1	1	9.191515
Type 3S2_str	BOBJ1	258.68	After	Left Exterior Girder	0	0.95	1	1	10.174779
Type 3S2_str	BOBJ1	258.68	After	Interior Girder 1	0	0.95	1	1	5.972078
Type 3S2_str	BOBJ1	258.68	After	Interior Girder 2	0	0.95	1	1	5.659138
Type 3S2_str	BOBJ1	258.68	After	Interior Girder 3	0	0.95	1	1	4.619861
Type 3S2_str	BOBJ1	258.68	After	Interior Girder 4	0	0.95	1	1	4.619861
Type 3S2_str	BOBJ1	258.68	After	Interior Girder 5	0	0.95	1	1	5.659138
Type 3S2_str	BOBJ1	258.68	After	Interior Girder 6	0	0.95	1	1	5.972078
Type 3S2_str	BOBJ1	258.68	After	Right Exterior Girder	0	0.95	1	1	10.174779
Type 3S2_str	BOBJ1	263.18	Before	Interior Girder 1	4.5	0.95	1	1	6.052994
Type 3S2_str	BOBJ1	263.18	Before	Interior Girder 2	4.5	0.95	1	1	5.735079
Type 3S2_str	BOBJ1	263.18	Before	Interior Girder 3	4.5	0.95	1	1	4.683315
Type 3S2_str	BOBJ1	263.18	Before	Interior Girder 4	4.5	0.95	1	1	4.683315
Type 3S2_str	BOBJ1	263.18	Before	Interior Girder 5	4.5	0.95	1	1	5.735079

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Approach, Span 7-11									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Type 3S2_str	BOBJ1	263.18	Before	Interior Girder 6	4.5	0.95	1	1	6.052994
Type 3S2_str	BOBJ1	263.18	After	Interior Girder 1	4.5	0.95	1	1	7.235484
Type 3S2_str	BOBJ1	263.18	After	Interior Girder 2	4.5	0.95	1	1	6.902129
Type 3S2_str	BOBJ1	263.18	After	Interior Girder 3	4.5	0.95	1	1	5.881783
Type 3S2_str	BOBJ1	263.18	After	Interior Girder 4	4.5	0.95	1	1	5.881783
Type 3S2_str	BOBJ1	263.18	After	Interior Girder 5	4.5	0.95	1	1	6.902129
Type 3S2_str	BOBJ1	263.18	After	Interior Girder 6	4.5	0.95	1	1	7.235484
Type 3S2_str	BOBJ1	265.68	Before	Left Exterior Girder	7	0.95	1	1	8.428652
Type 3S2_str	BOBJ1	265.68	Before	Right Exterior Girder	7	0.95	1	1	8.428652
Type 3S2_str	BOBJ1	265.68	After	Left Exterior Girder	7	0.95	1	1	9.712851
Type 3S2_str	BOBJ1	265.68	After	Right Exterior Girder	7	0.95	1	1	9.712851
Type 3S2_str	BOBJ1	268.08	Before	Left Exterior Girder	9.4	0.95	1	1	9.761637
Type 3S2_str	BOBJ1	268.08	Before	Interior Girder 1	9.4	0.95	1	1	7.84782
Type 3S2_str	BOBJ1	268.08	Before	Interior Girder 2	9.4	0.95	1	1	6.999119
Type 3S2_str	BOBJ1	268.08	Before	Interior Girder 3	9.4	0.95	1	1	5.965941
Type 3S2_str	BOBJ1	268.08	Before	Interior Girder 4	9.4	0.95	1	1	5.965941
Type 3S2_str	BOBJ1	268.08	Before	Interior Girder 5	9.4	0.95	1	1	6.999119
Type 3S2_str	BOBJ1	268.08	Before	Interior Girder 6	9.4	0.95	1	1	7.84782
Type 3S2_str	BOBJ1	268.08	Before	Right Exterior Girder	9.4	0.95	1	1	9.761637
Type 3S2_str	BOBJ1	268.08	After	Left Exterior Girder	9.4	0.95	1	1	12.719244
Type 3S2_str	BOBJ1	268.08	After	Interior Girder 1	9.4	0.95	1	1	11.648474
Type 3S2_str	BOBJ1	268.08	After	Interior Girder 2	9.4	0.95	1	1	10.399057
Type 3S2_str	BOBJ1	268.08	After	Interior Girder 3	9.4	0.95	1	1	9.388185
Type 3S2_str	BOBJ1	268.08	After	Interior Girder 4	9.4	0.95	1	1	9.388185
Type 3S2_str	BOBJ1	268.08	After	Interior Girder 5	9.4	0.95	1	1	10.399057
Type 3S2_str	BOBJ1	268.08	After	Interior Girder 6	9.4	0.95	1	1	11.648474
Type 3S2_str	BOBJ1	268.08	After	Right Exterior Girder	9.4	0.95	1	1	12.719244
Type 3S2_str	BOBJ1	277.48	Before	Left Exterior Girder	18.8	0.95	1	1	12.958863
Type 3S2_str	BOBJ1	277.48	Before	Interior Girder 1	18.8	0.95	1	1	11.959611
Type 3S2_str	BOBJ1	277.48	Before	Interior Girder 2	18.8	0.95	1	1	10.674001
Type 3S2_str	BOBJ1	277.48	Before	Interior Girder 3	18.8	0.95	1	1	9.639782
Type 3S2_str	BOBJ1	277.48	Before	Interior Girder 4	18.8	0.95	1	1	9.639782
Type 3S2_str	BOBJ1	277.48	Before	Interior Girder 5	18.8	0.95	1	1	10.674001
Type 3S2_str	BOBJ1	277.48	Before	Interior Girder 6	18.8	0.95	1	1	11.959611
Type 3S2_str	BOBJ1	277.48	Before	Right Exterior Girder	18.8	0.95	1	1	12.958863
Type 3S2_str	BOBJ1	277.48	After	Left Exterior Girder	18.8	0.95	1	1	25.478245
Type 3S2_str	BOBJ1	277.48	After	Interior Girder 1	18.8	0.95	1	1	13.781379
Type 3S2_str	BOBJ1	277.48	After	Interior Girder 2	18.8	0.95	1	1	12.505196
Type 3S2_str	BOBJ1	277.48	After	Interior Girder 3	18.8	0.95	1	1	10.807575
Type 3S2_str	BOBJ1	277.48	After	Interior Girder 4	18.8	0.95	1	1	10.807575
Type 3S2_str	BOBJ1	277.48	After	Interior Girder 5	18.8	0.95	1	1	12.505196
Type 3S2_str	BOBJ1	277.48	After	Interior Girder 6	18.8	0.95	1	1	13.781379
Type 3S2_str	BOBJ1	277.48	After	Right Exterior Girder	18.8	0.95	1	1	25.478245
Type 3S2_str	BOBJ1	286.88	Before	Left Exterior Girder	28.2	0.95	1	1	25.933478
Type 3S2_str	BOBJ1	286.88	Before	Interior Girder 1	28.2	0.95	1	1	14.135637
Type 3S2_str	BOBJ1	286.88	Before	Interior Girder 2	28.2	0.95	1	1	12.826218
Type 3S2_str	BOBJ1	286.88	Before	Interior Girder 3	28.2	0.95	1	1	11.084684
Type 3S2_str	BOBJ1	286.88	Before	Interior Girder 4	28.2	0.95	1	1	11.084684
Type 3S2_str	BOBJ1	286.88	Before	Interior Girder 5	28.2	0.95	1	1	12.826218
Type 3S2_str	BOBJ1	286.88	Before	Interior Girder 6	28.2	0.95	1	1	14.135637
Type 3S2_str	BOBJ1	286.88	Before	Right Exterior Girder	28.2	0.95	1	1	25.933478
Type 3S2_str	BOBJ1	286.88	After	Left Exterior Girder	28.2	0.95	1	1	39.711145
Type 3S2_str	BOBJ1	286.88	After	Interior Girder 1	28.2	0.95	1	1	19.515424
Type 3S2_str	BOBJ1	286.88	After	Interior Girder 2	28.2	0.95	1	1	17.174716
Type 3S2_str	BOBJ1	286.88	After	Interior Girder 3	28.2	0.95	1	1	14.576498
Type 3S2_str	BOBJ1	286.88	After	Interior Girder 4	28.2	0.95	1	1	14.576498
Type 3S2_str	BOBJ1	286.88	After	Interior Girder 5	28.2	0.95	1	1	17.174716
Type 3S2_str	BOBJ1	286.88	After	Interior Girder 6	28.2	0.95	1	1	19.515424
Type 3S2_str	BOBJ1	286.88	After	Right Exterior Girder	28.2	0.95	1	1	39.711145
Type 3S2_str	BOBJ1	296.28	Before	Left Exterior Girder	37.6	0.95	1	1	40.385779
Type 3S2_str	BOBJ1	296.28	Before	Interior Girder 1	37.6	0.95	1	1	19.05235
Type 3S2_str	BOBJ1	296.28	Before	Interior Girder 2	37.6	0.95	1	1	16.765708
Type 3S2_str	BOBJ1	296.28	Before	Interior Girder 3	37.6	0.95	1	1	14.229058
Type 3S2_str	BOBJ1	296.28	Before	Interior Girder 4	37.6	0.95	1	1	14.229058
Type 3S2_str	BOBJ1	296.28	Before	Interior Girder 5	37.6	0.95	1	1	16.765708

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Approach, Span 7-11									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Type 3S2_str	BOBJ1	296.28	Before	Interior Girder 6	37.6	0.95	1	1	19.05235
Type 3S2_str	BOBJ1	296.28	Before	Right Exterior Girder	37.6	0.95	1	1	40.385779
Type 3S2_str	BOBJ1	296.28	After	Left Exterior Girder	37.6	0.95	1	1	19.310373
Type 3S2_str	BOBJ1	296.28	After	Interior Girder 1	37.6	0.95	1	1	17.797313
Type 3S2_str	BOBJ1	296.28	After	Interior Girder 2	37.6	0.95	1	1	15.662894
Type 3S2_str	BOBJ1	296.28	After	Interior Girder 3	37.6	0.95	1	1	14.965249
Type 3S2_str	BOBJ1	296.28	After	Interior Girder 4	37.6	0.95	1	1	14.965249
Type 3S2_str	BOBJ1	296.28	After	Interior Girder 5	37.6	0.95	1	1	15.662894
Type 3S2_str	BOBJ1	296.28	After	Interior Girder 6	37.6	0.95	1	1	17.797313
Type 3S2_str	BOBJ1	296.28	After	Right Exterior Girder	37.6	0.95	1	1	19.310373
Type 3S2_str	BOBJ1	305.69	Before	Left Exterior Girder	47.01	0.95	1	1	18.97988
Type 3S2_str	BOBJ1	305.69	Before	Interior Girder 1	47.01	0.95	1	1	17.356076
Type 3S2_str	BOBJ1	305.69	Before	Interior Girder 2	47.01	0.95	1	1	15.276821
Type 3S2_str	BOBJ1	305.69	Before	Interior Girder 3	47.01	0.95	1	1	14.595594
Type 3S2_str	BOBJ1	305.69	Before	Interior Girder 4	47.01	0.95	1	1	14.595594
Type 3S2_str	BOBJ1	305.69	Before	Interior Girder 5	47.01	0.95	1	1	15.276821
Type 3S2_str	BOBJ1	305.69	Before	Interior Girder 6	47.01	0.95	1	1	17.356076
Type 3S2_str	BOBJ1	305.69	Before	Right Exterior Girder	47.01	0.95	1	1	18.97988
Type 3S2_str	BOBJ1	305.69	After	Left Exterior Girder	47.01	0.95	1	1	14.518772
Type 3S2_str	BOBJ1	305.69	After	Interior Girder 1	47.01	0.95	1	1	10.206599
Type 3S2_str	BOBJ1	305.69	After	Interior Girder 2	47.01	0.95	1	1	9.447095
Type 3S2_str	BOBJ1	305.69	After	Interior Girder 3	47.01	0.95	1	1	8.690313
Type 3S2_str	BOBJ1	305.69	After	Interior Girder 4	47.01	0.95	1	1	8.690313
Type 3S2_str	BOBJ1	305.69	After	Interior Girder 5	47.01	0.95	1	1	9.447095
Type 3S2_str	BOBJ1	305.69	After	Interior Girder 6	47.01	0.95	1	1	10.206599
Type 3S2_str	BOBJ1	305.69	After	Right Exterior Girder	47.01	0.95	1	1	14.518772
Type 3S2_str	BOBJ1	315.1	Before	Left Exterior Girder	56.42	0.95	1	1	14.25715
Type 3S2_str	BOBJ1	315.1	Before	Interior Girder 1	56.42	0.95	1	1	9.945349
Type 3S2_str	BOBJ1	315.1	Before	Interior Girder 2	56.42	0.95	1	1	9.206157
Type 3S2_str	BOBJ1	315.1	Before	Interior Girder 3	56.42	0.95	1	1	8.467921
Type 3S2_str	BOBJ1	315.1	Before	Interior Girder 4	56.42	0.95	1	1	8.467921
Type 3S2_str	BOBJ1	315.1	Before	Interior Girder 5	56.42	0.95	1	1	9.206157
Type 3S2_str	BOBJ1	315.1	Before	Interior Girder 6	56.42	0.95	1	1	9.945349
Type 3S2_str	BOBJ1	315.1	Before	Right Exterior Girder	56.42	0.95	1	1	14.25715
Type 3-3_str	BOBJ1	0	After	Left Exterior Girder	0	0.95	1	1	15.07457
Type 3-3_str	BOBJ1	0	After	Interior Girder 1	0	0.95	1	1	10.543927
Type 3-3_str	BOBJ1	0	After	Interior Girder 2	0	0.95	1	1	9.723256
Type 3-3_str	BOBJ1	0	After	Interior Girder 3	0	0.95	1	1	9.043371
Type 3-3_str	BOBJ1	0	After	Interior Girder 4	0	0.95	1	1	9.043371
Type 3-3_str	BOBJ1	0	After	Interior Girder 5	0	0.95	1	1	9.723256
Type 3-3_str	BOBJ1	0	After	Interior Girder 6	0	0.95	1	1	10.543927
Type 3-3_str	BOBJ1	0	After	Right Exterior Girder	0	0.95	1	1	15.07457
Type 3-3_str	BOBJ1	9.4	Before	Left Exterior Girder	9.4	0.95	1	1	15.350545
Type 3-3_str	BOBJ1	9.4	Before	Interior Girder 1	9.4	0.95	1	1	10.820649
Type 3-3_str	BOBJ1	9.4	Before	Interior Girder 2	9.4	0.95	1	1	9.977417
Type 3-3_str	BOBJ1	9.4	Before	Interior Girder 3	9.4	0.95	1	1	9.280517
Type 3-3_str	BOBJ1	9.4	Before	Interior Girder 4	9.4	0.95	1	1	9.280517
Type 3-3_str	BOBJ1	9.4	Before	Interior Girder 5	9.4	0.95	1	1	9.977417
Type 3-3_str	BOBJ1	9.4	Before	Interior Girder 6	9.4	0.95	1	1	10.820649
Type 3-3_str	BOBJ1	9.4	Before	Right Exterior Girder	9.4	0.95	1	1	15.350545
Type 3-3_str	BOBJ1	9.4	After	Left Exterior Girder	9.4	0.95	1	1	20.703244
Type 3-3_str	BOBJ1	9.4	After	Interior Girder 1	9.4	0.95	1	1	18.780678
Type 3-3_str	BOBJ1	9.4	After	Interior Girder 2	9.4	0.95	1	1	16.746483
Type 3-3_str	BOBJ1	9.4	After	Interior Girder 3	9.4	0.95	1	1	16.082111
Type 3-3_str	BOBJ1	9.4	After	Interior Girder 4	9.4	0.95	1	1	16.082111
Type 3-3_str	BOBJ1	9.4	After	Interior Girder 5	9.4	0.95	1	1	16.746483
Type 3-3_str	BOBJ1	9.4	After	Interior Girder 6	9.4	0.95	1	1	18.780678
Type 3-3_str	BOBJ1	9.4	After	Right Exterior Girder	9.4	0.95	1	1	20.703244
Type 3-3_str	BOBJ1	18.8	Before	Left Exterior Girder	18.8	0.95	1	1	21.062969
Type 3-3_str	BOBJ1	18.8	Before	Interior Girder 1	18.8	0.95	1	1	19.257666
Type 3-3_str	BOBJ1	18.8	Before	Interior Girder 2	18.8	0.95	1	1	17.169192
Type 3-3_str	BOBJ1	18.8	Before	Interior Girder 3	18.8	0.95	1	1	16.488837
Type 3-3_str	BOBJ1	18.8	Before	Interior Girder 4	18.8	0.95	1	1	16.488837
Type 3-3_str	BOBJ1	18.8	Before	Interior Girder 5	18.8	0.95	1	1	17.169192
Type 3-3_str	BOBJ1	18.8	Before	Interior Girder 6	18.8	0.95	1	1	19.257666

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Approach, Span 7-11									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Type 3-3_str	BOBJ1	18.8	Before	Right Exterior Girder	18.8	0.95	1	1	21.062969
Type 3-3_str	BOBJ1	18.8	After	Left Exterior Girder	18.8	0.95	1	1	43.30537
Type 3-3_str	BOBJ1	18.8	After	Interior Girder 1	18.8	0.95	1	1	21.372444
Type 3-3_str	BOBJ1	18.8	After	Interior Girder 2	18.8	0.95	1	1	18.882374
Type 3-3_str	BOBJ1	18.8	After	Interior Girder 3	18.8	0.95	1	1	16.014977
Type 3-3_str	BOBJ1	18.8	After	Interior Girder 4	18.8	0.95	1	1	16.014977
Type 3-3_str	BOBJ1	18.8	After	Interior Girder 5	18.8	0.95	1	1	18.882374
Type 3-3_str	BOBJ1	18.8	After	Interior Girder 6	18.8	0.95	1	1	21.372444
Type 3-3_str	BOBJ1	18.8	After	Right Exterior Girder	18.8	0.95	1	1	43.30537
Type 3-3_str	BOBJ1	28.2	Before	Left Exterior Girder	28.2	0.95	1	1	42.581555
Type 3-3_str	BOBJ1	28.2	Before	Interior Girder 1	28.2	0.95	1	1	21.891687
Type 3-3_str	BOBJ1	28.2	Before	Interior Girder 2	28.2	0.95	1	1	19.342917
Type 3-3_str	BOBJ1	28.2	Before	Interior Girder 3	28.2	0.95	1	1	16.405977
Type 3-3_str	BOBJ1	28.2	Before	Interior Girder 4	28.2	0.95	1	1	16.405977
Type 3-3_str	BOBJ1	28.2	Before	Interior Girder 5	28.2	0.95	1	1	19.342917
Type 3-3_str	BOBJ1	28.2	Before	Interior Girder 6	28.2	0.95	1	1	21.891687
Type 3-3_str	BOBJ1	28.2	Before	Right Exterior Girder	28.2	0.95	1	1	42.581555
Type 3-3_str	BOBJ1	28.2	After	Left Exterior Girder	28.2	0.95	1	1	27.940518
Type 3-3_str	BOBJ1	28.2	After	Interior Girder 1	28.2	0.95	1	1	15.555928
Type 3-3_str	BOBJ1	28.2	After	Interior Girder 2	28.2	0.95	1	1	14.156225
Type 3-3_str	BOBJ1	28.2	After	Interior Girder 3	28.2	0.95	1	1	12.28223
Type 3-3_str	BOBJ1	28.2	After	Interior Girder 4	28.2	0.95	1	1	12.28223
Type 3-3_str	BOBJ1	28.2	After	Interior Girder 5	28.2	0.95	1	1	14.156225
Type 3-3_str	BOBJ1	28.2	After	Interior Girder 6	28.2	0.95	1	1	15.555928
Type 3-3_str	BOBJ1	28.2	After	Right Exterior Girder	28.2	0.95	1	1	27.940518
Type 3-3_str	BOBJ1	37.6	Before	Left Exterior Girder	37.6	0.95	1	1	27.449766
Type 3-3_str	BOBJ1	37.6	Before	Interior Girder 1	37.6	0.95	1	1	15.165901
Type 3-3_str	BOBJ1	37.6	Before	Interior Girder 2	37.6	0.95	1	1	13.801829
Type 3-3_str	BOBJ1	37.6	Before	Interior Girder 3	37.6	0.95	1	1	11.975148
Type 3-3_str	BOBJ1	37.6	Before	Interior Girder 4	37.6	0.95	1	1	11.975148
Type 3-3_str	BOBJ1	37.6	Before	Interior Girder 5	37.6	0.95	1	1	13.801829
Type 3-3_str	BOBJ1	37.6	Before	Interior Girder 6	37.6	0.95	1	1	15.165901
Type 3-3_str	BOBJ1	37.6	Before	Right Exterior Girder	37.6	0.95	1	1	27.449766
Type 3-3_str	BOBJ1	37.6	After	Left Exterior Girder	37.6	0.95	1	1	14.17289
Type 3-3_str	BOBJ1	37.6	After	Interior Girder 1	37.6	0.95	1	1	13.07806
Type 3-3_str	BOBJ1	37.6	After	Interior Girder 2	37.6	0.95	1	1	11.745391
Type 3-3_str	BOBJ1	37.6	After	Interior Girder 3	37.6	0.95	1	1	10.858135
Type 3-3_str	BOBJ1	37.6	After	Interior Girder 4	37.6	0.95	1	1	10.858135
Type 3-3_str	BOBJ1	37.6	After	Interior Girder 5	37.6	0.95	1	1	11.745391
Type 3-3_str	BOBJ1	37.6	After	Interior Girder 6	37.6	0.95	1	1	13.07806
Type 3-3_str	BOBJ1	37.6	After	Right Exterior Girder	37.6	0.95	1	1	14.17289
Type 3-3_str	BOBJ1	47.01	Before	Left Exterior Girder	47.01	0.95	1	1	13.910433
Type 3-3_str	BOBJ1	47.01	Before	Interior Girder 1	47.01	0.95	1	1	12.737254
Type 3-3_str	BOBJ1	47.01	Before	Interior Girder 2	47.01	0.95	1	1	11.442417
Type 3-3_str	BOBJ1	47.01	Before	Interior Girder 3	47.01	0.95	1	1	10.574414
Type 3-3_str	BOBJ1	47.01	Before	Interior Girder 4	47.01	0.95	1	1	10.574414
Type 3-3_str	BOBJ1	47.01	Before	Interior Girder 5	47.01	0.95	1	1	11.442417
Type 3-3_str	BOBJ1	47.01	Before	Interior Girder 6	47.01	0.95	1	1	12.737254
Type 3-3_str	BOBJ1	47.01	Before	Right Exterior Girder	47.01	0.95	1	1	13.910433
Type 3-3_str	BOBJ1	47.01	After	Left Exterior Girder	47.01	0.95	1	1	10.302231
Type 3-3_str	BOBJ1	47.01	After	Interior Girder 1	47.01	0.95	1	1	8.306271
Type 3-3_str	BOBJ1	47.01	After	Interior Girder 2	47.01	0.95	1	1	7.427573
Type 3-3_str	BOBJ1	47.01	After	Interior Girder 3	47.01	0.95	1	1	6.374478
Type 3-3_str	BOBJ1	47.01	After	Interior Girder 4	47.01	0.95	1	1	6.374478
Type 3-3_str	BOBJ1	47.01	After	Interior Girder 5	47.01	0.95	1	1	7.427573
Type 3-3_str	BOBJ1	47.01	After	Interior Girder 6	47.01	0.95	1	1	8.306271
Type 3-3_str	BOBJ1	47.01	After	Right Exterior Girder	47.01	0.95	1	1	10.302231
Type 3-3_str	BOBJ1	49.42	Before	Left Exterior Girder	49.42	0.95	1	1	10.250509
Type 3-3_str	BOBJ1	49.42	Before	Right Exterior Girder	49.42	0.95	1	1	10.250509
Type 3-3_str	BOBJ1	49.42	After	Left Exterior Girder	49.42	0.95	1	1	8.912066
Type 3-3_str	BOBJ1	49.42	After	Right Exterior Girder	49.42	0.95	1	1	8.912066
Type 3-3_str	BOBJ1	51.92	Before	Interior Girder 1	51.92	0.95	1	1	7.661811
Type 3-3_str	BOBJ1	51.92	Before	Interior Girder 2	51.92	0.95	1	1	7.324392
Type 3-3_str	BOBJ1	51.92	Before	Interior Girder 3	51.92	0.95	1	1	6.284364
Type 3-3_str	BOBJ1	51.92	Before	Interior Girder 4	51.92	0.95	1	1	6.284364

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Approach, Span 7-11									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Type 3-3_str	BOBJ1	51.92	Before	Interior Girder 5	51.92	0.95	1	1	7.324392
Type 3-3_str	BOBJ1	51.92	Before	Interior Girder 6	51.92	0.95	1	1	7.661811
Type 3-3_str	BOBJ1	51.92	After	Interior Girder 1	51.92	0.95	1	1	6.398547
Type 3-3_str	BOBJ1	51.92	After	Interior Girder 2	51.92	0.95	1	1	6.093426
Type 3-3_str	BOBJ1	51.92	After	Interior Girder 3	51.92	0.95	1	1	4.950807
Type 3-3_str	BOBJ1	51.92	After	Interior Girder 4	51.92	0.95	1	1	4.950807
Type 3-3_str	BOBJ1	51.92	After	Interior Girder 5	51.92	0.95	1	1	6.093426
Type 3-3_str	BOBJ1	51.92	After	Interior Girder 6	51.92	0.95	1	1	6.398547
Type 3-3_str	BOBJ1	56.42	Before	Left Exterior Girder	56.42	0.95	1	1	10.781001
Type 3-3_str	BOBJ1	56.42	Before	Interior Girder 1	56.42	0.95	1	1	6.312951
Type 3-3_str	BOBJ1	56.42	Before	Interior Girder 2	56.42	0.95	1	1	6.012703
Type 3-3_str	BOBJ1	56.42	Before	Interior Girder 3	56.42	0.95	1	1	4.883718
Type 3-3_str	BOBJ1	56.42	Before	Interior Girder 4	56.42	0.95	1	1	4.883718
Type 3-3_str	BOBJ1	56.42	Before	Interior Girder 5	56.42	0.95	1	1	6.012703
Type 3-3_str	BOBJ1	56.42	Before	Interior Girder 6	56.42	0.95	1	1	6.312951
Type 3-3_str	BOBJ1	56.42	Before	Right Exterior Girder	56.42	0.95	1	1	10.781001
Type 3-3_str	BOBJ1	56.42	After	Left Exterior Girder	0	0.95	1	1	9.512251
Type 3-3_str	BOBJ1	56.42	After	Interior Girder 1	0	0.95	1	1	6.196037
Type 3-3_str	BOBJ1	56.42	After	Interior Girder 2	0	0.95	1	1	5.983404
Type 3-3_str	BOBJ1	56.42	After	Interior Girder 3	0	0.95	1	1	4.911587
Type 3-3_str	BOBJ1	56.42	After	Interior Girder 4	0	0.95	1	1	4.911587
Type 3-3_str	BOBJ1	56.42	After	Interior Girder 5	0	0.95	1	1	5.983404
Type 3-3_str	BOBJ1	56.42	After	Interior Girder 6	0	0.95	1	1	6.196037
Type 3-3_str	BOBJ1	56.42	After	Right Exterior Girder	0	0.95	1	1	9.512251
Type 3-3_str	BOBJ1	60.92	Before	Interior Girder 1	4.5	0.95	1	1	6.279513
Type 3-3_str	BOBJ1	60.92	Before	Interior Girder 2	4.5	0.95	1	1	6.063215
Type 3-3_str	BOBJ1	60.92	Before	Interior Girder 3	4.5	0.95	1	1	4.978758
Type 3-3_str	BOBJ1	60.92	Before	Interior Girder 4	4.5	0.95	1	1	4.978758
Type 3-3_str	BOBJ1	60.92	Before	Interior Girder 5	4.5	0.95	1	1	6.063215
Type 3-3_str	BOBJ1	60.92	Before	Interior Girder 6	4.5	0.95	1	1	6.279513
Type 3-3_str	BOBJ1	60.92	After	Interior Girder 1	4.5	0.95	1	1	7.243267
Type 3-3_str	BOBJ1	60.92	After	Interior Girder 2	4.5	0.95	1	1	6.981542
Type 3-3_str	BOBJ1	60.92	After	Interior Girder 3	4.5	0.95	1	1	6.031967
Type 3-3_str	BOBJ1	60.92	After	Interior Girder 4	4.5	0.95	1	1	6.031967
Type 3-3_str	BOBJ1	60.92	After	Interior Girder 5	4.5	0.95	1	1	6.981542
Type 3-3_str	BOBJ1	60.92	After	Interior Girder 6	4.5	0.95	1	1	7.243267
Type 3-3_str	BOBJ1	63.42	Before	Left Exterior Girder	7	0.95	1	1	7.968315
Type 3-3_str	BOBJ1	63.42	Before	Right Exterior Girder	7	0.95	1	1	7.968315
Type 3-3_str	BOBJ1	63.42	After	Left Exterior Girder	7	0.95	1	1	8.701883
Type 3-3_str	BOBJ1	63.42	After	Right Exterior Girder	7	0.95	1	1	8.701883
Type 3-3_str	BOBJ1	64.845	Before	Left Exterior Girder	8.425	0.95	1	1	8.727787
Type 3-3_str	BOBJ1	64.845	Before	Interior Girder 1	8.425	0.95	1	1	8.140923
Type 3-3_str	BOBJ1	64.845	Before	Interior Girder 2	8.425	0.95	1	1	7.059685
Type 3-3_str	BOBJ1	64.845	Before	Interior Girder 3	8.425	0.95	1	1	6.100862
Type 3-3_str	BOBJ1	64.845	Before	Interior Girder 4	8.425	0.95	1	1	6.100862
Type 3-3_str	BOBJ1	64.845	Before	Interior Girder 5	8.425	0.95	1	1	7.059685
Type 3-3_str	BOBJ1	64.845	Before	Interior Girder 6	8.425	0.95	1	1	8.140923
Type 3-3_str	BOBJ1	64.845	Before	Right Exterior Girder	8.425	0.95	1	1	8.727787
Type 3-3_str	BOBJ1	64.845	After	Left Exterior Girder	8.425	0.95	1	1	10.827663
Type 3-3_str	BOBJ1	64.845	After	Interior Girder 1	8.425	0.95	1	1	9.367921
Type 3-3_str	BOBJ1	64.845	After	Interior Girder 2	8.425	0.95	1	1	8.704301
Type 3-3_str	BOBJ1	64.845	After	Interior Girder 3	8.425	0.95	1	1	7.898828
Type 3-3_str	BOBJ1	64.845	After	Interior Girder 4	8.425	0.95	1	1	7.898828
Type 3-3_str	BOBJ1	64.845	After	Interior Girder 5	8.425	0.95	1	1	8.704301
Type 3-3_str	BOBJ1	64.845	After	Interior Girder 6	8.425	0.95	1	1	9.367921
Type 3-3_str	BOBJ1	64.845	After	Right Exterior Girder	8.425	0.95	1	1	10.827663
Type 3-3_str	BOBJ1	69.92	Before	Left Exterior Girder	13.5	0.95	1	1	10.938577
Type 3-3_str	BOBJ1	69.92	Before	Interior Girder 1	13.5	0.95	1	1	9.502909
Type 3-3_str	BOBJ1	69.92	Before	Interior Girder 2	13.5	0.95	1	1	8.828462
Type 3-3_str	BOBJ1	69.92	Before	Interior Girder 3	13.5	0.95	1	1	8.013446
Type 3-3_str	BOBJ1	69.92	Before	Interior Girder 4	13.5	0.95	1	1	8.013446
Type 3-3_str	BOBJ1	69.92	Before	Interior Girder 5	13.5	0.95	1	1	8.828462
Type 3-3_str	BOBJ1	69.92	Before	Interior Girder 6	13.5	0.95	1	1	9.502909
Type 3-3_str	BOBJ1	69.92	Before	Right Exterior Girder	13.5	0.95	1	1	10.938577
Type 3-3_str	BOBJ1	69.92	After	Left Exterior Girder	13.5	0.95	1	1	10.53178

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Approach, Span 7-11									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Type 3-3_str	BOBJ1	69.92	After	Interior Girder 1	13.5	0.95	1	1	10.386338
Type 3-3_str	BOBJ1	69.92	After	Interior Girder 2	13.5	0.95	1	1	9.575058
Type 3-3_str	BOBJ1	69.92	After	Interior Girder 3	13.5	0.95	1	1	8.727921
Type 3-3_str	BOBJ1	69.92	After	Interior Girder 4	13.5	0.95	1	1	8.727921
Type 3-3_str	BOBJ1	69.92	After	Interior Girder 5	13.5	0.95	1	1	9.575058
Type 3-3_str	BOBJ1	69.92	After	Interior Girder 6	13.5	0.95	1	1	10.386338
Type 3-3_str	BOBJ1	69.92	After	Right Exterior Girder	13.5	0.95	1	1	10.53178
Type 3-3_str	BOBJ1	73.27	Before	Left Exterior Girder	16.85	0.95	1	1	10.607385
Type 3-3_str	BOBJ1	73.27	Before	Interior Girder 1	16.85	0.95	1	1	10.487049
Type 3-3_str	BOBJ1	73.27	Before	Interior Girder 2	16.85	0.95	1	1	9.666901
Type 3-3_str	BOBJ1	73.27	Before	Interior Girder 3	16.85	0.95	1	1	8.813004
Type 3-3_str	BOBJ1	73.27	Before	Interior Girder 4	16.85	0.95	1	1	8.813004
Type 3-3_str	BOBJ1	73.27	Before	Interior Girder 5	16.85	0.95	1	1	9.666901
Type 3-3_str	BOBJ1	73.27	Before	Interior Girder 6	16.85	0.95	1	1	10.487049
Type 3-3_str	BOBJ1	73.27	Before	Right Exterior Girder	16.85	0.95	1	1	10.607385
Type 3-3_str	BOBJ1	73.27	After	Left Exterior Girder	16.85	0.95	1	1	18.09019
Type 3-3_str	BOBJ1	73.27	After	Interior Girder 1	16.85	0.95	1	1	12.24054
Type 3-3_str	BOBJ1	73.27	After	Interior Girder 2	16.85	0.95	1	1	11.492529
Type 3-3_str	BOBJ1	73.27	After	Interior Girder 3	16.85	0.95	1	1	10.289642
Type 3-3_str	BOBJ1	73.27	After	Interior Girder 4	16.85	0.95	1	1	10.289642
Type 3-3_str	BOBJ1	73.27	After	Interior Girder 5	16.85	0.95	1	1	11.492529
Type 3-3_str	BOBJ1	73.27	After	Interior Girder 6	16.85	0.95	1	1	12.24054
Type 3-3_str	BOBJ1	73.27	After	Right Exterior Girder	16.85	0.95	1	1	18.09019
Type 3-3_str	BOBJ1	81.695	Before	Left Exterior Girder	25.275	0.95	1	1	18.405859
Type 3-3_str	BOBJ1	81.695	Before	Interior Girder 1	25.275	0.95	1	1	12.534095
Type 3-3_str	BOBJ1	81.695	Before	Interior Girder 2	25.275	0.95	1	1	11.767457
Type 3-3_str	BOBJ1	81.695	Before	Interior Girder 3	25.275	0.95	1	1	10.535624
Type 3-3_str	BOBJ1	81.695	Before	Interior Girder 4	25.275	0.95	1	1	10.535624
Type 3-3_str	BOBJ1	81.695	Before	Interior Girder 5	25.275	0.95	1	1	11.767457
Type 3-3_str	BOBJ1	81.695	Before	Interior Girder 6	25.275	0.95	1	1	12.534095
Type 3-3_str	BOBJ1	81.695	Before	Right Exterior Girder	25.275	0.95	1	1	18.405859
Type 3-3_str	BOBJ1	81.695	After	Left Exterior Girder	25.275	0.95	1	1	24.699013
Type 3-3_str	BOBJ1	81.695	After	Interior Girder 1	25.275	0.95	1	1	20.519284
Type 3-3_str	BOBJ1	81.695	After	Interior Girder 2	25.275	0.95	1	1	18.638863
Type 3-3_str	BOBJ1	81.695	After	Interior Girder 3	25.275	0.95	1	1	16.589443
Type 3-3_str	BOBJ1	81.695	After	Interior Girder 4	25.275	0.95	1	1	16.589443
Type 3-3_str	BOBJ1	81.695	After	Interior Girder 5	25.275	0.95	1	1	18.638863
Type 3-3_str	BOBJ1	81.695	After	Interior Girder 6	25.275	0.95	1	1	20.519284
Type 3-3_str	BOBJ1	81.695	After	Right Exterior Girder	25.275	0.95	1	1	24.699013
Type 3-3_str	BOBJ1	90.12	Before	Left Exterior Girder	33.7	0.95	1	1	25.108759
Type 3-3_str	BOBJ1	90.12	Before	Interior Girder 1	33.7	0.95	1	1	20.996593
Type 3-3_str	BOBJ1	90.12	Before	Interior Girder 2	33.7	0.95	1	1	19.070388
Type 3-3_str	BOBJ1	90.12	Before	Interior Girder 3	33.7	0.95	1	1	16.225953
Type 3-3_str	BOBJ1	90.12	Before	Interior Girder 4	33.7	0.95	1	1	16.225953
Type 3-3_str	BOBJ1	90.12	Before	Interior Girder 5	33.7	0.95	1	1	19.070388
Type 3-3_str	BOBJ1	90.12	Before	Interior Girder 6	33.7	0.95	1	1	20.996593
Type 3-3_str	BOBJ1	90.12	Before	Right Exterior Girder	33.7	0.95	1	1	25.108759
Type 3-3_str	BOBJ1	90.12	After	Left Exterior Girder	33.7	0.95	1	1	26.401212
Type 3-3_str	BOBJ1	90.12	After	Interior Girder 1	33.7	0.95	1	1	21.586062
Type 3-3_str	BOBJ1	90.12	After	Interior Girder 2	33.7	0.95	1	1	19.148267
Type 3-3_str	BOBJ1	90.12	After	Interior Girder 3	33.7	0.95	1	1	16.157533
Type 3-3_str	BOBJ1	90.12	After	Interior Girder 4	33.7	0.95	1	1	16.157533
Type 3-3_str	BOBJ1	90.12	After	Interior Girder 5	33.7	0.95	1	1	19.148267
Type 3-3_str	BOBJ1	90.12	After	Interior Girder 6	33.7	0.95	1	1	21.586062
Type 3-3_str	BOBJ1	90.12	After	Right Exterior Girder	33.7	0.95	1	1	26.401212
Type 3-3_str	BOBJ1	98.545	Before	Left Exterior Girder	42.125	0.95	1	1	25.971711
Type 3-3_str	BOBJ1	98.545	Before	Interior Girder 1	42.125	0.95	1	1	21.096039
Type 3-3_str	BOBJ1	98.545	Before	Interior Girder 2	42.125	0.95	1	1	19.001468
Type 3-3_str	BOBJ1	98.545	Before	Interior Girder 3	42.125	0.95	1	1	16.519732
Type 3-3_str	BOBJ1	98.545	Before	Interior Girder 4	42.125	0.95	1	1	16.519732
Type 3-3_str	BOBJ1	98.545	Before	Interior Girder 5	42.125	0.95	1	1	19.001468
Type 3-3_str	BOBJ1	98.545	Before	Interior Girder 6	42.125	0.95	1	1	21.096039
Type 3-3_str	BOBJ1	98.545	Before	Right Exterior Girder	42.125	0.95	1	1	25.971711
Type 3-3_str	BOBJ1	98.545	After	Left Exterior Girder	42.125	0.95	1	1	19.238225
Type 3-3_str	BOBJ1	98.545	After	Interior Girder 1	42.125	0.95	1	1	12.760019

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Approach, Span 7-11									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Type 3-3_str	BOBJ1	98.545	After	Interior Girder 2	42.125	0.95	1	1	11.90965
Type 3-3_str	BOBJ1	98.545	After	Interior Girder 3	42.125	0.95	1	1	10.616373
Type 3-3_str	BOBJ1	98.545	After	Interior Girder 4	42.125	0.95	1	1	10.616373
Type 3-3_str	BOBJ1	98.545	After	Interior Girder 5	42.125	0.95	1	1	11.90965
Type 3-3_str	BOBJ1	98.545	After	Interior Girder 6	42.125	0.95	1	1	12.760019
Type 3-3_str	BOBJ1	98.545	After	Right Exterior Girder	42.125	0.95	1	1	19.238225
Type 3-3_str	BOBJ1	106.97	Before	Left Exterior Girder	50.55	0.95	1	1	18.90938
Type 3-3_str	BOBJ1	106.97	Before	Interior Girder 1	50.55	0.95	1	1	12.461576
Type 3-3_str	BOBJ1	106.97	Before	Interior Girder 2	50.55	0.95	1	1	11.631604
Type 3-3_str	BOBJ1	106.97	Before	Interior Girder 3	50.55	0.95	1	1	10.368689
Type 3-3_str	BOBJ1	106.97	Before	Interior Girder 4	50.55	0.95	1	1	10.368689
Type 3-3_str	BOBJ1	106.97	Before	Interior Girder 5	50.55	0.95	1	1	11.631604
Type 3-3_str	BOBJ1	106.97	Before	Interior Girder 6	50.55	0.95	1	1	12.461576
Type 3-3_str	BOBJ1	106.97	Before	Right Exterior Girder	50.55	0.95	1	1	18.90938
Type 3-3_str	BOBJ1	106.97	After	Left Exterior Girder	50.55	0.95	1	1	10.832355
Type 3-3_str	BOBJ1	106.97	After	Interior Girder 1	50.55	0.95	1	1	10.71375
Type 3-3_str	BOBJ1	106.97	After	Interior Girder 2	50.55	0.95	1	1	9.931172
Type 3-3_str	BOBJ1	106.97	After	Interior Girder 3	50.55	0.95	1	1	9.152653
Type 3-3_str	BOBJ1	106.97	After	Interior Girder 4	50.55	0.95	1	1	9.152653
Type 3-3_str	BOBJ1	106.97	After	Interior Girder 5	50.55	0.95	1	1	9.931172
Type 3-3_str	BOBJ1	106.97	After	Interior Girder 6	50.55	0.95	1	1	10.71375
Type 3-3_str	BOBJ1	106.97	After	Right Exterior Girder	50.55	0.95	1	1	10.832355
Type 3-3_str	BOBJ1	115.405	Before	Left Exterior Girder	58.985	0.95	1	1	10.636912
Type 3-3_str	BOBJ1	115.405	Before	Interior Girder 1	58.985	0.95	1	1	10.453969
Type 3-3_str	BOBJ1	115.405	Before	Interior Girder 2	58.985	0.95	1	1	9.693104
Type 3-3_str	BOBJ1	115.405	Before	Interior Girder 3	58.985	0.95	1	1	8.929764
Type 3-3_str	BOBJ1	115.405	Before	Interior Girder 4	58.985	0.95	1	1	8.929764
Type 3-3_str	BOBJ1	115.405	Before	Interior Girder 5	58.985	0.95	1	1	9.693104
Type 3-3_str	BOBJ1	115.405	Before	Interior Girder 6	58.985	0.95	1	1	10.453969
Type 3-3_str	BOBJ1	115.405	Before	Right Exterior Girder	58.985	0.95	1	1	10.636912
Type 3-3_str	BOBJ1	115.405	After	Left Exterior Girder	58.985	0.95	1	1	6.556816
Type 3-3_str	BOBJ1	115.405	After	Interior Girder 1	58.985	0.95	1	1	9.202483
Type 3-3_str	BOBJ1	115.405	After	Interior Girder 2	58.985	0.95	1	1	6.804835
Type 3-3_str	BOBJ1	115.405	After	Interior Girder 3	58.985	0.95	1	1	5.841826
Type 3-3_str	BOBJ1	115.405	After	Interior Girder 4	58.985	0.95	1	1	5.841826
Type 3-3_str	BOBJ1	115.405	After	Interior Girder 5	58.985	0.95	1	1	6.804835
Type 3-3_str	BOBJ1	115.405	After	Interior Girder 6	58.985	0.95	1	1	9.202483
Type 3-3_str	BOBJ1	115.405	After	Right Exterior Girder	58.985	0.95	1	1	6.556816
Type 3-3_str	BOBJ1	116.34	Before	Left Exterior Girder	59.92	0.95	1	1	6.542441
Type 3-3_str	BOBJ1	116.34	Before	Right Exterior Girder	59.92	0.95	1	1	6.542441
Type 3-3_str	BOBJ1	116.34	After	Left Exterior Girder	59.92	0.95	1	1	5.93768
Type 3-3_str	BOBJ1	116.34	After	Right Exterior Girder	59.92	0.95	1	1	5.93768
Type 3-3_str	BOBJ1	118.84	Before	Interior Girder 1	62.42	0.95	1	1	6.950702
Type 3-3_str	BOBJ1	118.84	Before	Interior Girder 2	62.42	0.95	1	1	6.736477
Type 3-3_str	BOBJ1	118.84	Before	Interior Girder 3	62.42	0.95	1	1	5.781936
Type 3-3_str	BOBJ1	118.84	Before	Interior Girder 4	62.42	0.95	1	1	5.781936
Type 3-3_str	BOBJ1	118.84	Before	Interior Girder 5	62.42	0.95	1	1	6.736477
Type 3-3_str	BOBJ1	118.84	Before	Interior Girder 6	62.42	0.95	1	1	6.950702
Type 3-3_str	BOBJ1	118.84	After	Interior Girder 1	62.42	0.95	1	1	6.116954
Type 3-3_str	BOBJ1	118.84	After	Interior Girder 2	62.42	0.95	1	1	5.897314
Type 3-3_str	BOBJ1	118.84	After	Interior Girder 3	62.42	0.95	1	1	4.8632
Type 3-3_str	BOBJ1	118.84	After	Interior Girder 4	62.42	0.95	1	1	4.8632
Type 3-3_str	BOBJ1	118.84	After	Interior Girder 5	62.42	0.95	1	1	5.897314
Type 3-3_str	BOBJ1	118.84	After	Interior Girder 6	62.42	0.95	1	1	6.116954
Type 3-3_str	BOBJ1	123.84	Before	Left Exterior Girder	67.42	0.95	1	1	8.617822
Type 3-3_str	BOBJ1	123.84	Before	Interior Girder 1	67.42	0.95	1	1	6.02123
Type 3-3_str	BOBJ1	123.84	Before	Interior Girder 2	67.42	0.95	1	1	5.806045
Type 3-3_str	BOBJ1	123.84	Before	Interior Girder 3	67.42	0.95	1	1	4.786048
Type 3-3_str	BOBJ1	123.84	Before	Interior Girder 4	67.42	0.95	1	1	4.786048
Type 3-3_str	BOBJ1	123.84	Before	Interior Girder 5	67.42	0.95	1	1	5.806045
Type 3-3_str	BOBJ1	123.84	Before	Interior Girder 6	67.42	0.95	1	1	6.02123
Type 3-3_str	BOBJ1	123.84	Before	Right Exterior Girder	67.42	0.95	1	1	8.617822
Type 3-3_str	BOBJ1	123.84	After	Left Exterior Girder	0	0.95	1	1	8.513694
Type 3-3_str	BOBJ1	123.84	After	Interior Girder 1	0	0.95	1	1	5.990089
Type 3-3_str	BOBJ1	123.84	After	Interior Girder 2	0	0.95	1	1	5.788405

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Approach, Span 7-11									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Type 3-3_str	BOBJ1	123.84	After	Interior Girder 3	0	0.95	1	1	4.776429
Type 3-3_str	BOBJ1	123.84	After	Interior Girder 4	0	0.95	1	1	4.776429
Type 3-3_str	BOBJ1	123.84	After	Interior Girder 5	0	0.95	1	1	5.788405
Type 3-3_str	BOBJ1	123.84	After	Interior Girder 6	0	0.95	1	1	5.990089
Type 3-3_str	BOBJ1	123.84	After	Right Exterior Girder	0	0.95	1	1	8.513694
Type 3-3_str	BOBJ1	128.84	Before	Interior Girder 1	5	0.95	1	1	6.085403
Type 3-3_str	BOBJ1	128.84	Before	Interior Girder 2	5	0.95	1	1	5.879456
Type 3-3_str	BOBJ1	128.84	Before	Interior Girder 3	5	0.95	1	1	4.853471
Type 3-3_str	BOBJ1	128.84	Before	Interior Girder 4	5	0.95	1	1	4.853471
Type 3-3_str	BOBJ1	128.84	Before	Interior Girder 5	5	0.95	1	1	5.879456
Type 3-3_str	BOBJ1	128.84	Before	Interior Girder 6	5	0.95	1	1	6.085403
Type 3-3_str	BOBJ1	128.84	After	Interior Girder 1	5	0.95	1	1	6.907338
Type 3-3_str	BOBJ1	128.84	After	Interior Girder 2	5	0.95	1	1	6.708623
Type 3-3_str	BOBJ1	128.84	After	Interior Girder 3	5	0.95	1	1	5.766006
Type 3-3_str	BOBJ1	128.84	After	Interior Girder 4	5	0.95	1	1	5.766006
Type 3-3_str	BOBJ1	128.84	After	Interior Girder 5	5	0.95	1	1	6.708623
Type 3-3_str	BOBJ1	128.84	After	Interior Girder 6	5	0.95	1	1	6.907338
Type 3-3_str	BOBJ1	131.34	Before	Left Exterior Girder	7.5	0.95	1	1	5.86637
Type 3-3_str	BOBJ1	131.34	Before	Right Exterior Girder	7.5	0.95	1	1	5.86637
Type 3-3_str	BOBJ1	131.34	After	Left Exterior Girder	7.5	0.95	1	1	6.456438
Type 3-3_str	BOBJ1	131.34	After	Right Exterior Girder	7.5	0.95	1	1	6.456438
Type 3-3_str	BOBJ1	132.265	Before	Left Exterior Girder	8.425	0.95	1	1	6.470492
Type 3-3_str	BOBJ1	132.265	Before	Interior Girder 1	8.425	0.95	1	1	9.178819
Type 3-3_str	BOBJ1	132.265	Before	Interior Girder 2	8.425	0.95	1	1	6.776543
Type 3-3_str	BOBJ1	132.265	Before	Interior Girder 3	8.425	0.95	1	1	5.825591
Type 3-3_str	BOBJ1	132.265	Before	Interior Girder 4	8.425	0.95	1	1	5.825591
Type 3-3_str	BOBJ1	132.265	Before	Interior Girder 5	8.425	0.95	1	1	6.776543
Type 3-3_str	BOBJ1	132.265	Before	Interior Girder 6	8.425	0.95	1	1	9.178819
Type 3-3_str	BOBJ1	132.265	Before	Right Exterior Girder	8.425	0.95	1	1	6.470492
Type 3-3_str	BOBJ1	132.265	After	Left Exterior Girder	8.425	0.95	1	1	10.483082
Type 3-3_str	BOBJ1	132.265	After	Interior Girder 1	8.425	0.95	1	1	10.342644
Type 3-3_str	BOBJ1	132.265	After	Interior Girder 2	8.425	0.95	1	1	9.622736
Type 3-3_str	BOBJ1	132.265	After	Interior Girder 3	8.425	0.95	1	1	8.87506
Type 3-3_str	BOBJ1	132.265	After	Interior Girder 4	8.425	0.95	1	1	8.87506
Type 3-3_str	BOBJ1	132.265	After	Interior Girder 5	8.425	0.95	1	1	9.622736
Type 3-3_str	BOBJ1	132.265	After	Interior Girder 6	8.425	0.95	1	1	10.342644
Type 3-3_str	BOBJ1	132.265	After	Right Exterior Girder	8.425	0.95	1	1	10.483082
Type 3-3_str	BOBJ1	140.69	Before	Left Exterior Girder	16.85	0.95	1	1	10.675666
Type 3-3_str	BOBJ1	140.69	Before	Interior Girder 1	16.85	0.95	1	1	10.599592
Type 3-3_str	BOBJ1	140.69	Before	Interior Girder 2	16.85	0.95	1	1	9.858955
Type 3-3_str	BOBJ1	140.69	Before	Interior Girder 3	16.85	0.95	1	1	9.09645
Type 3-3_str	BOBJ1	140.69	Before	Interior Girder 4	16.85	0.95	1	1	9.09645
Type 3-3_str	BOBJ1	140.69	Before	Interior Girder 5	16.85	0.95	1	1	9.858955
Type 3-3_str	BOBJ1	140.69	Before	Interior Girder 6	16.85	0.95	1	1	10.599592
Type 3-3_str	BOBJ1	140.69	Before	Right Exterior Girder	16.85	0.95	1	1	10.675666
Type 3-3_str	BOBJ1	140.69	After	Left Exterior Girder	16.85	0.95	1	1	18.531563
Type 3-3_str	BOBJ1	140.69	After	Interior Girder 1	16.85	0.95	1	1	12.333107
Type 3-3_str	BOBJ1	140.69	After	Interior Girder 2	16.85	0.95	1	1	11.560541
Type 3-3_str	BOBJ1	140.69	After	Interior Girder 3	16.85	0.95	1	1	10.341065
Type 3-3_str	BOBJ1	140.69	After	Interior Girder 4	16.85	0.95	1	1	10.341065
Type 3-3_str	BOBJ1	140.69	After	Interior Girder 5	16.85	0.95	1	1	11.560541
Type 3-3_str	BOBJ1	140.69	After	Interior Girder 6	16.85	0.95	1	1	12.333107
Type 3-3_str	BOBJ1	140.69	After	Right Exterior Girder	16.85	0.95	1	1	18.531563
Type 3-3_str	BOBJ1	149.115	Before	Left Exterior Girder	25.275	0.95	1	1	18.854229
Type 3-3_str	BOBJ1	149.115	Before	Interior Girder 1	25.275	0.95	1	1	12.628772
Type 3-3_str	BOBJ1	149.115	Before	Interior Girder 2	25.275	0.95	1	1	11.837064
Type 3-3_str	BOBJ1	149.115	Before	Interior Girder 3	25.275	0.95	1	1	10.588176
Type 3-3_str	BOBJ1	149.115	Before	Interior Girder 4	25.275	0.95	1	1	10.588176
Type 3-3_str	BOBJ1	149.115	Before	Interior Girder 5	25.275	0.95	1	1	11.837064
Type 3-3_str	BOBJ1	149.115	Before	Interior Girder 6	25.275	0.95	1	1	12.628772
Type 3-3_str	BOBJ1	149.115	Before	Right Exterior Girder	25.275	0.95	1	1	18.854229
Type 3-3_str	BOBJ1	149.115	After	Left Exterior Girder	25.275	0.95	1	1	25.320416
Type 3-3_str	BOBJ1	149.115	After	Interior Girder 1	25.275	0.95	1	1	20.717011
Type 3-3_str	BOBJ1	149.115	After	Interior Girder 2	25.275	0.95	1	1	18.780623
Type 3-3_str	BOBJ1	149.115	After	Interior Girder 3	25.275	0.95	1	1	16.580777

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Approach, Span 7-11									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Type 3-3_str	BOBJ1	149.115	After	Interior Girder 4	25.275	0.95	1	1	16.580777
Type 3-3_str	BOBJ1	149.115	After	Interior Girder 5	25.275	0.95	1	1	18.780623
Type 3-3_str	BOBJ1	149.115	After	Interior Girder 6	25.275	0.95	1	1	20.717011
Type 3-3_str	BOBJ1	149.115	After	Right Exterior Girder	25.275	0.95	1	1	25.320416
Type 3-3_str	BOBJ1	157.54	Before	Left Exterior Girder	33.7	0.95	1	1	25.73964
Type 3-3_str	BOBJ1	157.54	Before	Interior Girder 1	33.7	0.95	1	1	21.198707
Type 3-3_str	BOBJ1	157.54	Before	Interior Girder 2	33.7	0.95	1	1	19.215366
Type 3-3_str	BOBJ1	157.54	Before	Interior Girder 3	33.7	0.95	1	1	16.217352
Type 3-3_str	BOBJ1	157.54	Before	Interior Girder 4	33.7	0.95	1	1	16.217352
Type 3-3_str	BOBJ1	157.54	Before	Interior Girder 5	33.7	0.95	1	1	19.215366
Type 3-3_str	BOBJ1	157.54	Before	Interior Girder 6	33.7	0.95	1	1	21.198707
Type 3-3_str	BOBJ1	157.54	Before	Right Exterior Girder	33.7	0.95	1	1	25.73964
Type 3-3_str	BOBJ1	157.54	After	Left Exterior Girder	33.7	0.95	1	1	25.782452
Type 3-3_str	BOBJ1	157.54	After	Interior Girder 1	33.7	0.95	1	1	21.213403
Type 3-3_str	BOBJ1	157.54	After	Interior Girder 2	33.7	0.95	1	1	19.226589
Type 3-3_str	BOBJ1	157.54	After	Interior Girder 3	33.7	0.95	1	1	16.208091
Type 3-3_str	BOBJ1	157.54	After	Interior Girder 4	33.7	0.95	1	1	16.208091
Type 3-3_str	BOBJ1	157.54	After	Interior Girder 5	33.7	0.95	1	1	19.226589
Type 3-3_str	BOBJ1	157.54	After	Interior Girder 6	33.7	0.95	1	1	21.213403
Type 3-3_str	BOBJ1	157.54	After	Right Exterior Girder	33.7	0.95	1	1	25.782452
Type 3-3_str	BOBJ1	165.965	Before	Left Exterior Girder	42.125	0.95	1	1	25.362561
Type 3-3_str	BOBJ1	165.965	Before	Interior Girder 1	42.125	0.95	1	1	20.731384
Type 3-3_str	BOBJ1	165.965	Before	Interior Girder 2	42.125	0.95	1	1	18.793022
Type 3-3_str	BOBJ1	165.965	Before	Interior Girder 3	42.125	0.95	1	1	16.571325
Type 3-3_str	BOBJ1	165.965	Before	Interior Girder 4	42.125	0.95	1	1	16.571325
Type 3-3_str	BOBJ1	165.965	Before	Interior Girder 5	42.125	0.95	1	1	18.793022
Type 3-3_str	BOBJ1	165.965	Before	Interior Girder 6	42.125	0.95	1	1	20.731384
Type 3-3_str	BOBJ1	165.965	Before	Right Exterior Girder	42.125	0.95	1	1	25.362561
Type 3-3_str	BOBJ1	165.965	After	Left Exterior Girder	42.125	0.95	1	1	18.883992
Type 3-3_str	BOBJ1	165.965	After	Interior Girder 1	42.125	0.95	1	1	12.636312
Type 3-3_str	BOBJ1	165.965	After	Interior Girder 2	42.125	0.95	1	1	11.843862
Type 3-3_str	BOBJ1	165.965	After	Interior Girder 3	42.125	0.95	1	1	10.593709
Type 3-3_str	BOBJ1	165.965	After	Interior Girder 4	42.125	0.95	1	1	10.593709
Type 3-3_str	BOBJ1	165.965	After	Interior Girder 5	42.125	0.95	1	1	11.843862
Type 3-3_str	BOBJ1	165.965	After	Interior Girder 6	42.125	0.95	1	1	12.636312
Type 3-3_str	BOBJ1	165.965	After	Right Exterior Girder	42.125	0.95	1	1	18.883992
Type 3-3_str	BOBJ1	174.39	Before	Left Exterior Girder	50.55	0.95	1	1	18.560842
Type 3-3_str	BOBJ1	174.39	Before	Interior Girder 1	50.55	0.95	1	1	12.340476
Type 3-3_str	BOBJ1	174.39	Before	Interior Girder 2	50.55	0.95	1	1	11.567184
Type 3-3_str	BOBJ1	174.39	Before	Interior Girder 3	50.55	0.95	1	1	10.346481
Type 3-3_str	BOBJ1	174.39	Before	Interior Girder 4	50.55	0.95	1	1	10.346481
Type 3-3_str	BOBJ1	174.39	Before	Interior Girder 5	50.55	0.95	1	1	11.567184
Type 3-3_str	BOBJ1	174.39	Before	Interior Girder 6	50.55	0.95	1	1	12.340476
Type 3-3_str	BOBJ1	174.39	Before	Right Exterior Girder	50.55	0.95	1	1	18.560842
Type 3-3_str	BOBJ1	174.39	After	Left Exterior Girder	50.55	0.95	1	1	10.688023
Type 3-3_str	BOBJ1	174.39	After	Interior Girder 1	50.55	0.95	1	1	10.605483
Type 3-3_str	BOBJ1	174.39	After	Interior Girder 2	50.55	0.95	1	1	9.862179
Type 3-3_str	BOBJ1	174.39	After	Interior Girder 3	50.55	0.95	1	1	9.106067
Type 3-3_str	BOBJ1	174.39	After	Interior Girder 4	50.55	0.95	1	1	9.106067
Type 3-3_str	BOBJ1	174.39	After	Interior Girder 5	50.55	0.95	1	1	9.862179
Type 3-3_str	BOBJ1	174.39	After	Interior Girder 6	50.55	0.95	1	1	10.605483
Type 3-3_str	BOBJ1	174.39	After	Right Exterior Girder	50.55	0.95	1	1	10.688023
Type 3-3_str	BOBJ1	182.825	Before	Left Exterior Girder	58.985	0.95	1	1	10.49501
Type 3-3_str	BOBJ1	182.825	Before	Interior Girder 1	58.985	0.95	1	1	10.348076
Type 3-3_str	BOBJ1	182.825	Before	Interior Girder 2	58.985	0.95	1	1	9.625591
Type 3-3_str	BOBJ1	182.825	Before	Interior Girder 3	58.985	0.95	1	1	8.884206
Type 3-3_str	BOBJ1	182.825	Before	Interior Girder 4	58.985	0.95	1	1	8.884206
Type 3-3_str	BOBJ1	182.825	Before	Interior Girder 5	58.985	0.95	1	1	9.625591
Type 3-3_str	BOBJ1	182.825	Before	Interior Girder 6	58.985	0.95	1	1	10.348076
Type 3-3_str	BOBJ1	182.825	Before	Right Exterior Girder	58.985	0.95	1	1	10.49501
Type 3-3_str	BOBJ1	182.825	After	Left Exterior Girder	58.985	0.95	1	1	6.494936
Type 3-3_str	BOBJ1	182.825	After	Interior Girder 1	58.985	0.95	1	1	9.152224
Type 3-3_str	BOBJ1	182.825	After	Interior Girder 2	58.985	0.95	1	1	6.77496
Type 3-3_str	BOBJ1	182.825	After	Interior Girder 3	58.985	0.95	1	1	5.827995
Type 3-3_str	BOBJ1	182.825	After	Interior Girder 4	58.985	0.95	1	1	5.827995

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Approach, Span 7-11									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Type 3-3_str	BOBJ1	182.825	After	Interior Girder 5	58.985	0.95	1	1	6.77496
Type 3-3_str	BOBJ1	182.825	After	Interior Girder 6	58.985	0.95	1	1	9.152224
Type 3-3_str	BOBJ1	182.825	After	Right Exterior Girder	58.985	0.95	1	1	6.494936
Type 3-3_str	BOBJ1	183.76	Before	Left Exterior Girder	59.92	0.95	1	1	6.480684
Type 3-3_str	BOBJ1	183.76	Before	Right Exterior Girder	59.92	0.95	1	1	6.480684
Type 3-3_str	BOBJ1	183.76	After	Left Exterior Girder	59.92	0.95	1	1	5.886293
Type 3-3_str	BOBJ1	183.76	After	Right Exterior Girder	59.92	0.95	1	1	5.886293
Type 3-3_str	BOBJ1	186.26	Before	Interior Girder 1	62.42	0.95	1	1	6.907328
Type 3-3_str	BOBJ1	186.26	Before	Interior Girder 2	62.42	0.95	1	1	6.706851
Type 3-3_str	BOBJ1	186.26	Before	Interior Girder 3	62.42	0.95	1	1	5.768217
Type 3-3_str	BOBJ1	186.26	Before	Interior Girder 4	62.42	0.95	1	1	5.768217
Type 3-3_str	BOBJ1	186.26	Before	Interior Girder 5	62.42	0.95	1	1	6.706851
Type 3-3_str	BOBJ1	186.26	Before	Interior Girder 6	62.42	0.95	1	1	6.907328
Type 3-3_str	BOBJ1	186.26	After	Interior Girder 1	62.42	0.95	1	1	6.082668
Type 3-3_str	BOBJ1	186.26	After	Interior Girder 2	62.42	0.95	1	1	5.87582
Type 3-3_str	BOBJ1	186.26	After	Interior Girder 3	62.42	0.95	1	1	4.853026
Type 3-3_str	BOBJ1	186.26	After	Interior Girder 4	62.42	0.95	1	1	4.853026
Type 3-3_str	BOBJ1	186.26	After	Interior Girder 5	62.42	0.95	1	1	5.87582
Type 3-3_str	BOBJ1	186.26	After	Interior Girder 6	62.42	0.95	1	1	6.082668
Type 3-3_str	BOBJ1	191.26	Before	Left Exterior Girder	67.42	0.95	1	1	8.519768
Type 3-3_str	BOBJ1	191.26	Before	Interior Girder 1	67.42	0.95	1	1	5.987385
Type 3-3_str	BOBJ1	191.26	Before	Interior Girder 2	67.42	0.95	1	1	5.784813
Type 3-3_str	BOBJ1	191.26	Before	Interior Girder 3	67.42	0.95	1	1	4.775995
Type 3-3_str	BOBJ1	191.26	Before	Interior Girder 4	67.42	0.95	1	1	4.775995
Type 3-3_str	BOBJ1	191.26	Before	Interior Girder 5	67.42	0.95	1	1	5.784813
Type 3-3_str	BOBJ1	191.26	Before	Interior Girder 6	67.42	0.95	1	1	5.987385
Type 3-3_str	BOBJ1	191.26	Before	Right Exterior Girder	67.42	0.95	1	1	8.519768
Type 3-3_str	BOBJ1	191.26	After	Left Exterior Girder	0	0.95	1	1	8.609121
Type 3-3_str	BOBJ1	191.26	After	Interior Girder 1	0	0.95	1	1	6.022892
Type 3-3_str	BOBJ1	191.26	After	Interior Girder 2	0	0.95	1	1	5.808935
Type 3-3_str	BOBJ1	191.26	After	Interior Girder 3	0	0.95	1	1	4.785902
Type 3-3_str	BOBJ1	191.26	After	Interior Girder 4	0	0.95	1	1	4.785902
Type 3-3_str	BOBJ1	191.26	After	Interior Girder 5	0	0.95	1	1	5.808935
Type 3-3_str	BOBJ1	191.26	After	Interior Girder 6	0	0.95	1	1	6.022892
Type 3-3_str	BOBJ1	191.26	After	Right Exterior Girder	0	0.95	1	1	8.609121
Type 3-3_str	BOBJ1	196.26	Before	Interior Girder 1	5	0.95	1	1	6.118646
Type 3-3_str	BOBJ1	196.26	Before	Interior Girder 2	5	0.95	1	1	5.90025
Type 3-3_str	BOBJ1	196.26	Before	Interior Girder 3	5	0.95	1	1	4.863064
Type 3-3_str	BOBJ1	196.26	Before	Interior Girder 4	5	0.95	1	1	4.863064
Type 3-3_str	BOBJ1	196.26	Before	Interior Girder 5	5	0.95	1	1	5.90025
Type 3-3_str	BOBJ1	196.26	Before	Interior Girder 6	5	0.95	1	1	6.118646
Type 3-3_str	BOBJ1	196.26	After	Interior Girder 1	5	0.95	1	1	6.949489
Type 3-3_str	BOBJ1	196.26	After	Interior Girder 2	5	0.95	1	1	6.737411
Type 3-3_str	BOBJ1	196.26	After	Interior Girder 3	5	0.95	1	1	5.779066
Type 3-3_str	BOBJ1	196.26	After	Interior Girder 4	5	0.95	1	1	5.779066
Type 3-3_str	BOBJ1	196.26	After	Interior Girder 5	5	0.95	1	1	6.737411
Type 3-3_str	BOBJ1	196.26	After	Interior Girder 6	5	0.95	1	1	6.949489
Type 3-3_str	BOBJ1	198.76	Before	Left Exterior Girder	7.5	0.95	1	1	5.91506
Type 3-3_str	BOBJ1	198.76	Before	Right Exterior Girder	7.5	0.95	1	1	5.91506
Type 3-3_str	BOBJ1	198.76	After	Left Exterior Girder	7.5	0.95	1	1	6.515186
Type 3-3_str	BOBJ1	198.76	After	Right Exterior Girder	7.5	0.95	1	1	6.515186
Type 3-3_str	BOBJ1	199.685	Before	Left Exterior Girder	8.425	0.95	1	1	6.529361
Type 3-3_str	BOBJ1	199.685	Before	Interior Girder 1	8.425	0.95	1	1	9.228535
Type 3-3_str	BOBJ1	199.685	Before	Interior Girder 2	8.425	0.95	1	1	6.805578
Type 3-3_str	BOBJ1	199.685	Before	Interior Girder 3	8.425	0.95	1	1	5.838762
Type 3-3_str	BOBJ1	199.685	Before	Interior Girder 4	8.425	0.95	1	1	5.838762
Type 3-3_str	BOBJ1	199.685	Before	Interior Girder 5	8.425	0.95	1	1	6.805578
Type 3-3_str	BOBJ1	199.685	Before	Interior Girder 6	8.425	0.95	1	1	9.228535
Type 3-3_str	BOBJ1	199.685	Before	Right Exterior Girder	8.425	0.95	1	1	6.529361
Type 3-3_str	BOBJ1	199.685	After	Left Exterior Girder	8.425	0.95	1	1	10.622018
Type 3-3_str	BOBJ1	199.685	After	Interior Girder 1	8.425	0.95	1	1	10.446623
Type 3-3_str	BOBJ1	199.685	After	Interior Girder 2	8.425	0.95	1	1	9.689021
Type 3-3_str	BOBJ1	199.685	After	Interior Girder 3	8.425	0.95	1	1	8.91962
Type 3-3_str	BOBJ1	199.685	After	Interior Girder 4	8.425	0.95	1	1	8.91962
Type 3-3_str	BOBJ1	199.685	After	Interior Girder 5	8.425	0.95	1	1	9.689021

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Approach, Span 7-11									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Type 3-3_str	BOBJ1	199.685	After	Interior Girder 6	8.425	0.95	1	1	10.446623
Type 3-3_str	BOBJ1	199.685	After	Right Exterior Girder	8.425	0.95	1	1	10.622018
Type 3-3_str	BOBJ1	208.11	Before	Left Exterior Girder	16.85	0.95	1	1	10.817028
Type 3-3_str	BOBJ1	208.11	Before	Interior Girder 1	16.85	0.95	1	1	10.705938
Type 3-3_str	BOBJ1	208.11	Before	Interior Girder 2	16.85	0.95	1	1	9.926717
Type 3-3_str	BOBJ1	208.11	Before	Interior Girder 3	16.85	0.95	1	1	9.142034
Type 3-3_str	BOBJ1	208.11	Before	Interior Girder 4	16.85	0.95	1	1	9.142034
Type 3-3_str	BOBJ1	208.11	Before	Interior Girder 5	16.85	0.95	1	1	9.926717
Type 3-3_str	BOBJ1	208.11	Before	Interior Girder 6	16.85	0.95	1	1	10.705938
Type 3-3_str	BOBJ1	208.11	Before	Right Exterior Girder	16.85	0.95	1	1	10.817028
Type 3-3_str	BOBJ1	208.11	After	Left Exterior Girder	16.85	0.95	1	1	18.874574
Type 3-3_str	BOBJ1	208.11	After	Interior Girder 1	16.85	0.95	1	1	12.451789
Type 3-3_str	BOBJ1	208.11	After	Interior Girder 2	16.85	0.95	1	1	11.623485
Type 3-3_str	BOBJ1	208.11	After	Interior Girder 3	16.85	0.95	1	1	10.362344
Type 3-3_str	BOBJ1	208.11	After	Interior Girder 4	16.85	0.95	1	1	10.362344
Type 3-3_str	BOBJ1	208.11	After	Interior Girder 5	16.85	0.95	1	1	11.623485
Type 3-3_str	BOBJ1	208.11	After	Interior Girder 6	16.85	0.95	1	1	12.451789
Type 3-3_str	BOBJ1	208.11	After	Right Exterior Girder	16.85	0.95	1	1	18.874574
Type 3-3_str	BOBJ1	216.535	Before	Left Exterior Girder	25.275	0.95	1	1	19.202923
Type 3-3_str	BOBJ1	216.535	Before	Interior Girder 1	25.275	0.95	1	1	12.750056
Type 3-3_str	BOBJ1	216.535	Before	Interior Girder 2	25.275	0.95	1	1	11.901376
Type 3-3_str	BOBJ1	216.535	Before	Interior Girder 3	25.275	0.95	1	1	10.60991
Type 3-3_str	BOBJ1	216.535	Before	Interior Girder 4	25.275	0.95	1	1	10.60991
Type 3-3_str	BOBJ1	216.535	Before	Interior Girder 5	25.275	0.95	1	1	11.901376
Type 3-3_str	BOBJ1	216.535	Before	Interior Girder 6	25.275	0.95	1	1	12.750056
Type 3-3_str	BOBJ1	216.535	Before	Right Exterior Girder	25.275	0.95	1	1	19.202923
Type 3-3_str	BOBJ1	216.535	After	Left Exterior Girder	25.275	0.95	1	1	25.921798
Type 3-3_str	BOBJ1	216.535	After	Interior Girder 1	25.275	0.95	1	1	21.076837
Type 3-3_str	BOBJ1	216.535	After	Interior Girder 2	25.275	0.95	1	1	18.98652
Type 3-3_str	BOBJ1	216.535	After	Interior Girder 3	25.275	0.95	1	1	16.530472
Type 3-3_str	BOBJ1	216.535	After	Interior Girder 4	25.275	0.95	1	1	16.530472
Type 3-3_str	BOBJ1	216.535	After	Interior Girder 5	25.275	0.95	1	1	18.98652
Type 3-3_str	BOBJ1	216.535	After	Interior Girder 6	25.275	0.95	1	1	21.076837
Type 3-3_str	BOBJ1	216.535	After	Right Exterior Girder	25.275	0.95	1	1	25.921798
Type 3-3_str	BOBJ1	224.96	Before	Left Exterior Girder	33.7	0.95	1	1	26.350609
Type 3-3_str	BOBJ1	224.96	Before	Interior Girder 1	33.7	0.95	1	1	21.566508
Type 3-3_str	BOBJ1	224.96	Before	Interior Girder 2	33.7	0.95	1	1	19.157959
Type 3-3_str	BOBJ1	224.96	Before	Interior Girder 3	33.7	0.95	1	1	16.168082
Type 3-3_str	BOBJ1	224.96	Before	Interior Girder 4	33.7	0.95	1	1	16.168082
Type 3-3_str	BOBJ1	224.96	Before	Interior Girder 5	33.7	0.95	1	1	19.157959
Type 3-3_str	BOBJ1	224.96	Before	Interior Girder 6	33.7	0.95	1	1	21.566508
Type 3-3_str	BOBJ1	224.96	Before	Right Exterior Girder	33.7	0.95	1	1	26.350609
Type 3-3_str	BOBJ1	224.96	After	Left Exterior Girder	33.7	0.95	1	1	25.157214
Type 3-3_str	BOBJ1	224.96	After	Interior Girder 1	33.7	0.95	1	1	21.014601
Type 3-3_str	BOBJ1	224.96	After	Interior Girder 2	33.7	0.95	1	1	19.084496
Type 3-3_str	BOBJ1	224.96	After	Interior Girder 3	33.7	0.95	1	1	16.215426
Type 3-3_str	BOBJ1	224.96	After	Interior Girder 4	33.7	0.95	1	1	16.215426
Type 3-3_str	BOBJ1	224.96	After	Interior Girder 5	33.7	0.95	1	1	19.084496
Type 3-3_str	BOBJ1	224.96	After	Interior Girder 6	33.7	0.95	1	1	21.014601
Type 3-3_str	BOBJ1	224.96	After	Right Exterior Girder	33.7	0.95	1	1	25.157214
Type 3-3_str	BOBJ1	233.385	Before	Left Exterior Girder	42.125	0.95	1	1	24.746824
Type 3-3_str	BOBJ1	233.385	Before	Interior Girder 1	42.125	0.95	1	1	20.536969
Type 3-3_str	BOBJ1	233.385	Before	Interior Girder 2	42.125	0.95	1	1	18.652701
Type 3-3_str	BOBJ1	233.385	Before	Interior Girder 3	42.125	0.95	1	1	16.578718
Type 3-3_str	BOBJ1	233.385	Before	Interior Girder 4	42.125	0.95	1	1	16.578718
Type 3-3_str	BOBJ1	233.385	Before	Interior Girder 5	42.125	0.95	1	1	18.652701
Type 3-3_str	BOBJ1	233.385	Before	Interior Girder 6	42.125	0.95	1	1	20.536969
Type 3-3_str	BOBJ1	233.385	Before	Right Exterior Girder	42.125	0.95	1	1	24.746824
Type 3-3_str	BOBJ1	233.385	After	Left Exterior Girder	42.125	0.95	1	1	18.442185
Type 3-3_str	BOBJ1	233.385	After	Interior Girder 1	42.125	0.95	1	1	12.543625
Type 3-3_str	BOBJ1	233.385	After	Interior Girder 2	42.125	0.95	1	1	11.775169
Type 3-3_str	BOBJ1	233.385	After	Interior Girder 3	42.125	0.95	1	1	10.541965
Type 3-3_str	BOBJ1	233.385	After	Interior Girder 4	42.125	0.95	1	1	10.541965
Type 3-3_str	BOBJ1	233.385	After	Interior Girder 5	42.125	0.95	1	1	11.775169
Type 3-3_str	BOBJ1	233.385	After	Interior Girder 6	42.125	0.95	1	1	12.543625

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Approach, Span 7-11									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Type 3-3_str	BOBJ1	233.385	After	Right Exterior Girder	42.125	0.95	1	1	18.442185
Type 3-3_str	BOBJ1	241.81	Before	Left Exterior Girder	50.55	0.95	1	1	18.126016
Type 3-3_str	BOBJ1	241.81	Before	Interior Girder 1	50.55	0.95	1	1	12.2499
Type 3-3_str	BOBJ1	241.81	Before	Interior Girder 2	50.55	0.95	1	1	11.500091
Type 3-3_str	BOBJ1	241.81	Before	Interior Girder 3	50.55	0.95	1	1	10.295862
Type 3-3_str	BOBJ1	241.81	Before	Interior Girder 4	50.55	0.95	1	1	10.295862
Type 3-3_str	BOBJ1	241.81	Before	Interior Girder 5	50.55	0.95	1	1	11.500091
Type 3-3_str	BOBJ1	241.81	Before	Interior Girder 6	50.55	0.95	1	1	12.2499
Type 3-3_str	BOBJ1	241.81	Before	Right Exterior Girder	50.55	0.95	1	1	18.126016
Type 3-3_str	BOBJ1	241.81	After	Left Exterior Girder	50.55	0.95	1	1	10.624242
Type 3-3_str	BOBJ1	241.81	After	Interior Girder 1	50.55	0.95	1	1	10.493113
Type 3-3_str	BOBJ1	241.81	After	Interior Girder 2	50.55	0.95	1	1	9.670999
Type 3-3_str	BOBJ1	241.81	After	Interior Girder 3	50.55	0.95	1	1	8.823499
Type 3-3_str	BOBJ1	241.81	After	Interior Girder 4	50.55	0.95	1	1	8.823499
Type 3-3_str	BOBJ1	241.81	After	Interior Girder 5	50.55	0.95	1	1	9.670999
Type 3-3_str	BOBJ1	241.81	After	Interior Girder 6	50.55	0.95	1	1	10.493113
Type 3-3_str	BOBJ1	241.81	After	Right Exterior Girder	50.55	0.95	1	1	10.624242
Type 3-3_str	BOBJ1	245.18	Before	Left Exterior Girder	53.92	0.95	1	1	10.548105
Type 3-3_str	BOBJ1	245.18	Before	Interior Girder 1	53.92	0.95	1	1	10.391748
Type 3-3_str	BOBJ1	245.18	Before	Interior Girder 2	53.92	0.95	1	1	9.578568
Type 3-3_str	BOBJ1	245.18	Before	Interior Girder 3	53.92	0.95	1	1	8.737822
Type 3-3_str	BOBJ1	245.18	Before	Interior Girder 4	53.92	0.95	1	1	8.737822
Type 3-3_str	BOBJ1	245.18	Before	Interior Girder 5	53.92	0.95	1	1	9.578568
Type 3-3_str	BOBJ1	245.18	Before	Interior Girder 6	53.92	0.95	1	1	10.391748
Type 3-3_str	BOBJ1	245.18	Before	Right Exterior Girder	53.92	0.95	1	1	10.548105
Type 3-3_str	BOBJ1	245.18	After	Left Exterior Girder	53.92	0.95	1	1	10.950339
Type 3-3_str	BOBJ1	245.18	After	Interior Girder 1	53.92	0.95	1	1	9.498756
Type 3-3_str	BOBJ1	245.18	After	Interior Girder 2	53.92	0.95	1	1	8.82317
Type 3-3_str	BOBJ1	245.18	After	Interior Girder 3	53.92	0.95	1	1	8.013969
Type 3-3_str	BOBJ1	245.18	After	Interior Girder 4	53.92	0.95	1	1	8.013969
Type 3-3_str	BOBJ1	245.18	After	Interior Girder 5	53.92	0.95	1	1	8.82317
Type 3-3_str	BOBJ1	245.18	After	Interior Girder 6	53.92	0.95	1	1	9.498756
Type 3-3_str	BOBJ1	245.18	After	Right Exterior Girder	53.92	0.95	1	1	10.950339
Type 3-3_str	BOBJ1	250.245	Before	Left Exterior Girder	58.985	0.95	1	1	10.83957
Type 3-3_str	BOBJ1	250.245	Before	Interior Girder 1	58.985	0.95	1	1	9.364093
Type 3-3_str	BOBJ1	250.245	Before	Interior Girder 2	58.985	0.95	1	1	8.69932
Type 3-3_str	BOBJ1	250.245	Before	Interior Girder 3	58.985	0.95	1	1	7.899582
Type 3-3_str	BOBJ1	250.245	Before	Interior Girder 4	58.985	0.95	1	1	7.899582
Type 3-3_str	BOBJ1	250.245	Before	Interior Girder 5	58.985	0.95	1	1	8.69932
Type 3-3_str	BOBJ1	250.245	Before	Interior Girder 6	58.985	0.95	1	1	9.364093
Type 3-3_str	BOBJ1	250.245	Before	Right Exterior Girder	58.985	0.95	1	1	10.83957
Type 3-3_str	BOBJ1	250.245	After	Left Exterior Girder	58.985	0.95	1	1	8.749092
Type 3-3_str	BOBJ1	250.245	After	Interior Girder 1	58.985	0.95	1	1	8.132997
Type 3-3_str	BOBJ1	250.245	After	Interior Girder 2	58.985	0.95	1	1	7.058386
Type 3-3_str	BOBJ1	250.245	After	Interior Girder 3	58.985	0.95	1	1	6.103768
Type 3-3_str	BOBJ1	250.245	After	Interior Girder 4	58.985	0.95	1	1	6.103768
Type 3-3_str	BOBJ1	250.245	After	Interior Girder 5	58.985	0.95	1	1	7.058386
Type 3-3_str	BOBJ1	250.245	After	Interior Girder 6	58.985	0.95	1	1	8.132997
Type 3-3_str	BOBJ1	250.245	After	Right Exterior Girder	58.985	0.95	1	1	8.749092
Type 3-3_str	BOBJ1	251.68	Before	Left Exterior Girder	60.42	0.95	1	1	8.722959
Type 3-3_str	BOBJ1	251.68	Before	Right Exterior Girder	60.42	0.95	1	1	8.722959
Type 3-3_str	BOBJ1	251.68	After	Left Exterior Girder	60.42	0.95	1	1	7.985952
Type 3-3_str	BOBJ1	251.68	After	Right Exterior Girder	60.42	0.95	1	1	7.985952
Type 3-3_str	BOBJ1	254.18	Before	Interior Girder 1	62.92	0.95	1	1	7.243597
Type 3-3_str	BOBJ1	254.18	Before	Interior Girder 2	62.92	0.95	1	1	6.980054
Type 3-3_str	BOBJ1	254.18	Before	Interior Girder 3	62.92	0.95	1	1	6.034674
Type 3-3_str	BOBJ1	254.18	Before	Interior Girder 4	62.92	0.95	1	1	6.034674
Type 3-3_str	BOBJ1	254.18	Before	Interior Girder 5	62.92	0.95	1	1	6.980054
Type 3-3_str	BOBJ1	254.18	Before	Interior Girder 6	62.92	0.95	1	1	7.243597
Type 3-3_str	BOBJ1	254.18	After	Interior Girder 1	62.92	0.95	1	1	6.277066
Type 3-3_str	BOBJ1	254.18	After	Interior Girder 2	62.92	0.95	1	1	6.059877
Type 3-3_str	BOBJ1	254.18	After	Interior Girder 3	62.92	0.95	1	1	4.978822
Type 3-3_str	BOBJ1	254.18	After	Interior Girder 4	62.92	0.95	1	1	4.978822
Type 3-3_str	BOBJ1	254.18	After	Interior Girder 5	62.92	0.95	1	1	6.059877
Type 3-3_str	BOBJ1	254.18	After	Interior Girder 6	62.92	0.95	1	1	6.277066

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Approach, Span 7-11									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Type 3-3_str	BOBJ1	258.68	Before	Left Exterior Girder	67.42	0.95	1	1	9.522907
Type 3-3_str	BOBJ1	258.68	Before	Interior Girder 1	67.42	0.95	1	1	6.193622
Type 3-3_str	BOBJ1	258.68	Before	Interior Girder 2	67.42	0.95	1	1	5.980104
Type 3-3_str	BOBJ1	258.68	Before	Interior Girder 3	67.42	0.95	1	1	4.911657
Type 3-3_str	BOBJ1	258.68	Before	Interior Girder 4	67.42	0.95	1	1	4.911657
Type 3-3_str	BOBJ1	258.68	Before	Interior Girder 5	67.42	0.95	1	1	5.980104
Type 3-3_str	BOBJ1	258.68	Before	Interior Girder 6	67.42	0.95	1	1	6.193622
Type 3-3_str	BOBJ1	258.68	Before	Right Exterior Girder	67.42	0.95	1	1	9.522907
Type 3-3_str	BOBJ1	258.68	After	Left Exterior Girder	0	0.95	1	1	10.779559
Type 3-3_str	BOBJ1	258.68	After	Interior Girder 1	0	0.95	1	1	6.31927
Type 3-3_str	BOBJ1	258.68	After	Interior Girder 2	0	0.95	1	1	6.018029
Type 3-3_str	BOBJ1	258.68	After	Interior Girder 3	0	0.95	1	1	4.884766
Type 3-3_str	BOBJ1	258.68	After	Interior Girder 4	0	0.95	1	1	4.884766
Type 3-3_str	BOBJ1	258.68	After	Interior Girder 5	0	0.95	1	1	6.018029
Type 3-3_str	BOBJ1	258.68	After	Interior Girder 6	0	0.95	1	1	6.31927
Type 3-3_str	BOBJ1	258.68	After	Right Exterior Girder	0	0.95	1	1	10.779559
Type 3-3_str	BOBJ1	263.18	Before	Interior Girder 1	4.5	0.95	1	1	6.40489
Type 3-3_str	BOBJ1	263.18	Before	Interior Girder 2	4.5	0.95	1	1	6.098786
Type 3-3_str	BOBJ1	263.18	Before	Interior Girder 3	4.5	0.95	1	1	4.951858
Type 3-3_str	BOBJ1	263.18	Before	Interior Girder 4	4.5	0.95	1	1	4.951858
Type 3-3_str	BOBJ1	263.18	Before	Interior Girder 5	4.5	0.95	1	1	6.098786
Type 3-3_str	BOBJ1	263.18	Before	Interior Girder 6	4.5	0.95	1	1	6.40489
Type 3-3_str	BOBJ1	263.18	After	Interior Girder 1	4.5	0.95	1	1	7.666521
Type 3-3_str	BOBJ1	263.18	After	Interior Girder 2	4.5	0.95	1	1	7.328623
Type 3-3_str	BOBJ1	263.18	After	Interior Girder 3	4.5	0.95	1	1	6.283314
Type 3-3_str	BOBJ1	263.18	After	Interior Girder 4	4.5	0.95	1	1	6.283314
Type 3-3_str	BOBJ1	263.18	After	Interior Girder 5	4.5	0.95	1	1	7.328623
Type 3-3_str	BOBJ1	263.18	After	Interior Girder 6	4.5	0.95	1	1	7.666521
Type 3-3_str	BOBJ1	265.68	Before	Left Exterior Girder	7	0.95	1	1	8.910426
Type 3-3_str	BOBJ1	265.68	Before	Right Exterior Girder	7	0.95	1	1	8.910426
Type 3-3_str	BOBJ1	265.68	After	Left Exterior Girder	7	0.95	1	1	10.242145
Type 3-3_str	BOBJ1	265.68	After	Right Exterior Girder	7	0.95	1	1	10.242145
Type 3-3_str	BOBJ1	268.08	Before	Left Exterior Girder	9.4	0.95	1	1	10.29359
Type 3-3_str	BOBJ1	268.08	Before	Interior Girder 1	9.4	0.95	1	1	8.315145
Type 3-3_str	BOBJ1	268.08	Before	Interior Girder 2	9.4	0.95	1	1	7.431606
Type 3-3_str	BOBJ1	268.08	Before	Interior Girder 3	9.4	0.95	1	1	6.373216
Type 3-3_str	BOBJ1	268.08	Before	Interior Girder 4	9.4	0.95	1	1	6.373216
Type 3-3_str	BOBJ1	268.08	Before	Interior Girder 5	9.4	0.95	1	1	7.431606
Type 3-3_str	BOBJ1	268.08	Before	Interior Girder 6	9.4	0.95	1	1	8.315145
Type 3-3_str	BOBJ1	268.08	Before	Right Exterior Girder	9.4	0.95	1	1	10.29359
Type 3-3_str	BOBJ1	268.08	After	Left Exterior Girder	9.4	0.95	1	1	13.900274
Type 3-3_str	BOBJ1	268.08	After	Interior Girder 1	9.4	0.95	1	1	12.738384
Type 3-3_str	BOBJ1	268.08	After	Interior Girder 2	9.4	0.95	1	1	11.441673
Type 3-3_str	BOBJ1	268.08	After	Interior Girder 3	9.4	0.95	1	1	10.565041
Type 3-3_str	BOBJ1	268.08	After	Interior Girder 4	9.4	0.95	1	1	10.565041
Type 3-3_str	BOBJ1	268.08	After	Interior Girder 5	9.4	0.95	1	1	11.441673
Type 3-3_str	BOBJ1	268.08	After	Interior Girder 6	9.4	0.95	1	1	12.738384
Type 3-3_str	BOBJ1	268.08	After	Right Exterior Girder	9.4	0.95	1	1	13.900274
Type 3-3_str	BOBJ1	277.48	Before	Left Exterior Girder	18.8	0.95	1	1	14.162143
Type 3-3_str	BOBJ1	277.48	Before	Interior Girder 1	18.8	0.95	1	1	13.078633
Type 3-3_str	BOBJ1	277.48	Before	Interior Girder 2	18.8	0.95	1	1	11.744183
Type 3-3_str	BOBJ1	277.48	Before	Interior Girder 3	18.8	0.95	1	1	10.848177
Type 3-3_str	BOBJ1	277.48	Before	Interior Girder 4	18.8	0.95	1	1	10.848177
Type 3-3_str	BOBJ1	277.48	Before	Interior Girder 5	18.8	0.95	1	1	11.744183
Type 3-3_str	BOBJ1	277.48	Before	Interior Girder 6	18.8	0.95	1	1	13.078633
Type 3-3_str	BOBJ1	277.48	Before	Right Exterior Girder	18.8	0.95	1	1	14.162143
Type 3-3_str	BOBJ1	277.48	After	Left Exterior Girder	18.8	0.95	1	1	27.423605
Type 3-3_str	BOBJ1	277.48	After	Interior Girder 1	18.8	0.95	1	1	15.165126
Type 3-3_str	BOBJ1	277.48	After	Interior Girder 2	18.8	0.95	1	1	13.799569
Type 3-3_str	BOBJ1	277.48	After	Interior Girder 3	18.8	0.95	1	1	11.970273
Type 3-3_str	BOBJ1	277.48	After	Interior Girder 4	18.8	0.95	1	1	11.970273
Type 3-3_str	BOBJ1	277.48	After	Interior Girder 5	18.8	0.95	1	1	13.799569
Type 3-3_str	BOBJ1	277.48	After	Interior Girder 6	18.8	0.95	1	1	15.165126
Type 3-3_str	BOBJ1	277.48	After	Right Exterior Girder	18.8	0.95	1	1	27.423605
Type 3-3_str	BOBJ1	286.88	Before	Left Exterior Girder	28.2	0.95	1	1	27.913596

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Approach, Span 7-11									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Type 3-3_str	BOBJ1	286.88	Before	Interior Girder 1	28.2	0.95	1	1	15.554955
Type 3-3_str	BOBJ1	286.88	Before	Interior Girder 2	28.2	0.95	1	1	14.153819
Type 3-3_str	BOBJ1	286.88	Before	Interior Girder 3	28.2	0.95	1	1	12.277194
Type 3-3_str	BOBJ1	286.88	Before	Interior Girder 4	28.2	0.95	1	1	12.277194
Type 3-3_str	BOBJ1	286.88	Before	Interior Girder 5	28.2	0.95	1	1	14.153819
Type 3-3_str	BOBJ1	286.88	Before	Interior Girder 6	28.2	0.95	1	1	15.554955
Type 3-3_str	BOBJ1	286.88	Before	Right Exterior Girder	28.2	0.95	1	1	27.913596
Type 3-3_str	BOBJ1	286.88	After	Left Exterior Girder	28.2	0.95	1	1	42.532334
Type 3-3_str	BOBJ1	286.88	After	Interior Girder 1	28.2	0.95	1	1	21.892419
Type 3-3_str	BOBJ1	286.88	After	Interior Girder 2	28.2	0.95	1	1	19.346171
Type 3-3_str	BOBJ1	286.88	After	Interior Girder 3	28.2	0.95	1	1	16.412861
Type 3-3_str	BOBJ1	286.88	After	Interior Girder 4	28.2	0.95	1	1	16.412861
Type 3-3_str	BOBJ1	286.88	After	Interior Girder 5	28.2	0.95	1	1	19.346171
Type 3-3_str	BOBJ1	286.88	After	Interior Girder 6	28.2	0.95	1	1	21.892419
Type 3-3_str	BOBJ1	286.88	After	Right Exterior Girder	28.2	0.95	1	1	42.532334
Type 3-3_str	BOBJ1	296.28	Before	Left Exterior Girder	37.6	0.95	1	1	43.254896
Type 3-3_str	BOBJ1	296.28	Before	Interior Girder 1	37.6	0.95	1	1	21.372943
Type 3-3_str	BOBJ1	296.28	Before	Interior Girder 2	37.6	0.95	1	1	18.885451
Type 3-3_str	BOBJ1	296.28	Before	Interior Girder 3	37.6	0.95	1	1	16.02165
Type 3-3_str	BOBJ1	296.28	Before	Interior Girder 4	37.6	0.95	1	1	16.02165
Type 3-3_str	BOBJ1	296.28	Before	Interior Girder 5	37.6	0.95	1	1	18.885451
Type 3-3_str	BOBJ1	296.28	Before	Interior Girder 6	37.6	0.95	1	1	21.372943
Type 3-3_str	BOBJ1	296.28	Before	Right Exterior Girder	37.6	0.95	1	1	43.254896
Type 3-3_str	BOBJ1	296.28	After	Left Exterior Girder	37.6	0.95	1	1	21.066835
Type 3-3_str	BOBJ1	296.28	After	Interior Girder 1	37.6	0.95	1	1	19.27154
Type 3-3_str	BOBJ1	296.28	After	Interior Girder 2	37.6	0.95	1	1	17.179063
Type 3-3_str	BOBJ1	296.28	After	Interior Girder 3	37.6	0.95	1	1	16.502609
Type 3-3_str	BOBJ1	296.28	After	Interior Girder 4	37.6	0.95	1	1	16.502609
Type 3-3_str	BOBJ1	296.28	After	Interior Girder 5	37.6	0.95	1	1	17.179063
Type 3-3_str	BOBJ1	296.28	After	Interior Girder 6	37.6	0.95	1	1	19.27154
Type 3-3_str	BOBJ1	296.28	After	Right Exterior Girder	37.6	0.95	1	1	21.066835
Type 3-3_str	BOBJ1	305.69	Before	Left Exterior Girder	47.01	0.95	1	1	20.706281
Type 3-3_str	BOBJ1	305.69	Before	Interior Girder 1	47.01	0.95	1	1	18.793753
Type 3-3_str	BOBJ1	305.69	Before	Interior Girder 2	47.01	0.95	1	1	16.755619
Type 3-3_str	BOBJ1	305.69	Before	Interior Girder 3	47.01	0.95	1	1	16.09498
Type 3-3_str	BOBJ1	305.69	Before	Interior Girder 4	47.01	0.95	1	1	16.09498
Type 3-3_str	BOBJ1	305.69	Before	Interior Girder 5	47.01	0.95	1	1	16.755619
Type 3-3_str	BOBJ1	305.69	Before	Interior Girder 6	47.01	0.95	1	1	18.793753
Type 3-3_str	BOBJ1	305.69	Before	Right Exterior Girder	47.01	0.95	1	1	20.706281
Type 3-3_str	BOBJ1	305.69	After	Left Exterior Girder	47.01	0.95	1	1	15.342218
Type 3-3_str	BOBJ1	305.69	After	Interior Girder 1	47.01	0.95	1	1	10.824762
Type 3-3_str	BOBJ1	305.69	After	Interior Girder 2	47.01	0.95	1	1	9.977255
Type 3-3_str	BOBJ1	305.69	After	Interior Girder 3	47.01	0.95	1	1	9.282372
Type 3-3_str	BOBJ1	305.69	After	Interior Girder 4	47.01	0.95	1	1	9.282372
Type 3-3_str	BOBJ1	305.69	After	Interior Girder 5	47.01	0.95	1	1	9.977255
Type 3-3_str	BOBJ1	305.69	After	Interior Girder 6	47.01	0.95	1	1	10.824762
Type 3-3_str	BOBJ1	305.69	After	Right Exterior Girder	47.01	0.95	1	1	15.342218
Type 3-3_str	BOBJ1	315.1	Before	Left Exterior Girder	56.42	0.95	1	1	15.065758
Type 3-3_str	BOBJ1	315.1	Before	Interior Girder 1	56.42	0.95	1	1	10.54769
Type 3-3_str	BOBJ1	315.1	Before	Interior Girder 2	56.42	0.95	1	1	9.722795
Type 3-3_str	BOBJ1	315.1	Before	Interior Girder 3	56.42	0.95	1	1	9.044828
Type 3-3_str	BOBJ1	315.1	Before	Interior Girder 4	56.42	0.95	1	1	9.044828
Type 3-3_str	BOBJ1	315.1	Before	Interior Girder 5	56.42	0.95	1	1	9.722795
Type 3-3_str	BOBJ1	315.1	Before	Interior Girder 6	56.42	0.95	1	1	10.54769
Type 3-3_str	BOBJ1	315.1	Before	Right Exterior Girder	56.42	0.95	1	1	15.065758
EV2_str	BOBJ1	0	After	Left Exterior Girder	0	0.95	1	1	12.149224
EV2_str	BOBJ1	0	After	Interior Girder 1	0	0.95	1	1	7.852685
EV2_str	BOBJ1	0	After	Interior Girder 2	0	0.95	1	1	7.267477
EV2_str	BOBJ1	0	After	Interior Girder 3	0	0.95	1	1	6.543552
EV2_str	BOBJ1	0	After	Interior Girder 4	0	0.95	1	1	6.543552
EV2_str	BOBJ1	0	After	Interior Girder 5	0	0.95	1	1	7.267477
EV2_str	BOBJ1	0	After	Interior Girder 6	0	0.95	1	1	7.852685
EV2_str	BOBJ1	0	After	Right Exterior Girder	0	0.95	1	1	12.149224
EV2_str	BOBJ1	9.4	Before	Left Exterior Girder	9.4	0.95	1	1	12.371645
EV2_str	BOBJ1	9.4	Before	Interior Girder 1	9.4	0.95	1	1	8.058776

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Approach, Span 7-11									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
EV2_str	BOBJ1	9.4	Before	Interior Girder 2	9.4	0.95	1	1	7.457445
EV2_str	BOBJ1	9.4	Before	Interior Girder 3	9.4	0.95	1	1	6.715145
EV2_str	BOBJ1	9.4	Before	Interior Girder 4	9.4	0.95	1	1	6.715145
EV2_str	BOBJ1	9.4	Before	Interior Girder 5	9.4	0.95	1	1	7.457445
EV2_str	BOBJ1	9.4	Before	Interior Girder 6	9.4	0.95	1	1	8.058776
EV2_str	BOBJ1	9.4	Before	Right Exterior Girder	9.4	0.95	1	1	12.371645
EV2_str	BOBJ1	9.4	After	Left Exterior Girder	9.4	0.95	1	1	15.824953
EV2_str	BOBJ1	9.4	After	Interior Girder 1	9.4	0.95	1	1	13.232571
EV2_str	BOBJ1	9.4	After	Interior Girder 2	9.4	0.95	1	1	11.903761
EV2_str	BOBJ1	9.4	After	Interior Girder 3	9.4	0.95	1	1	11.540102
EV2_str	BOBJ1	9.4	After	Interior Girder 4	9.4	0.95	1	1	11.540102
EV2_str	BOBJ1	9.4	After	Interior Girder 5	9.4	0.95	1	1	11.903761
EV2_str	BOBJ1	9.4	After	Interior Girder 6	9.4	0.95	1	1	13.232571
EV2_str	BOBJ1	9.4	After	Right Exterior Girder	9.4	0.95	1	1	15.824953
EV2_str	BOBJ1	18.8	Before	Left Exterior Girder	18.8	0.95	1	1	16.099916
EV2_str	BOBJ1	18.8	Before	Interior Girder 1	18.8	0.95	1	1	13.568649
EV2_str	BOBJ1	18.8	Before	Interior Girder 2	18.8	0.95	1	1	12.204232
EV2_str	BOBJ1	18.8	Before	Interior Girder 3	18.8	0.95	1	1	11.831957
EV2_str	BOBJ1	18.8	Before	Interior Girder 4	18.8	0.95	1	1	11.831957
EV2_str	BOBJ1	18.8	Before	Interior Girder 5	18.8	0.95	1	1	12.204232
EV2_str	BOBJ1	18.8	Before	Interior Girder 6	18.8	0.95	1	1	13.568649
EV2_str	BOBJ1	18.8	Before	Right Exterior Girder	18.8	0.95	1	1	16.099916
EV2_str	BOBJ1	18.8	After	Left Exterior Girder	18.8	0.95	1	1	31.409149
EV2_str	BOBJ1	18.8	After	Interior Girder 1	18.8	0.95	1	1	14.366802
EV2_str	BOBJ1	18.8	After	Interior Girder 2	18.8	0.95	1	1	12.665368
EV2_str	BOBJ1	18.8	After	Interior Girder 3	18.8	0.95	1	1	10.70205
EV2_str	BOBJ1	18.8	After	Interior Girder 4	18.8	0.95	1	1	10.70205
EV2_str	BOBJ1	18.8	After	Interior Girder 5	18.8	0.95	1	1	12.665368
EV2_str	BOBJ1	18.8	After	Interior Girder 6	18.8	0.95	1	1	14.366802
EV2_str	BOBJ1	18.8	After	Right Exterior Girder	18.8	0.95	1	1	31.409149
EV2_str	BOBJ1	28.2	Before	Left Exterior Girder	28.2	0.95	1	1	30.88417
EV2_str	BOBJ1	28.2	Before	Interior Girder 1	28.2	0.95	1	1	14.715842
EV2_str	BOBJ1	28.2	Before	Interior Girder 2	28.2	0.95	1	1	12.974277
EV2_str	BOBJ1	28.2	Before	Interior Girder 3	28.2	0.95	1	1	10.963337
EV2_str	BOBJ1	28.2	Before	Interior Girder 4	28.2	0.95	1	1	10.963337
EV2_str	BOBJ1	28.2	Before	Interior Girder 5	28.2	0.95	1	1	12.974277
EV2_str	BOBJ1	28.2	Before	Interior Girder 6	28.2	0.95	1	1	14.715842
EV2_str	BOBJ1	28.2	Before	Right Exterior Girder	28.2	0.95	1	1	30.88417
EV2_str	BOBJ1	28.2	After	Left Exterior Girder	28.2	0.95	1	1	19.401613
EV2_str	BOBJ1	28.2	After	Interior Girder 1	28.2	0.95	1	1	10.583637
EV2_str	BOBJ1	28.2	After	Interior Girder 2	28.2	0.95	1	1	9.605147
EV2_str	BOBJ1	28.2	After	Interior Girder 3	28.2	0.95	1	1	8.304297
EV2_str	BOBJ1	28.2	After	Interior Girder 4	28.2	0.95	1	1	8.304297
EV2_str	BOBJ1	28.2	After	Interior Girder 5	28.2	0.95	1	1	9.605147
EV2_str	BOBJ1	28.2	After	Interior Girder 6	28.2	0.95	1	1	10.583637
EV2_str	BOBJ1	28.2	After	Right Exterior Girder	28.2	0.95	1	1	19.401613
EV2_str	BOBJ1	37.6	Before	Left Exterior Girder	37.6	0.95	1	1	19.06084
EV2_str	BOBJ1	37.6	Before	Interior Girder 1	37.6	0.95	1	1	10.318278
EV2_str	BOBJ1	37.6	Before	Interior Girder 2	37.6	0.95	1	1	9.364686
EV2_str	BOBJ1	37.6	Before	Interior Girder 3	37.6	0.95	1	1	8.096672
EV2_str	BOBJ1	37.6	Before	Interior Girder 4	37.6	0.95	1	1	8.096672
EV2_str	BOBJ1	37.6	Before	Interior Girder 5	37.6	0.95	1	1	9.364686
EV2_str	BOBJ1	37.6	Before	Interior Girder 6	37.6	0.95	1	1	10.318278
EV2_str	BOBJ1	37.6	Before	Right Exterior Girder	37.6	0.95	1	1	19.06084
EV2_str	BOBJ1	37.6	After	Left Exterior Girder	37.6	0.95	1	1	10.987009
EV2_str	BOBJ1	37.6	After	Interior Girder 1	37.6	0.95	1	1	9.393612
EV2_str	BOBJ1	37.6	After	Interior Girder 2	37.6	0.95	1	1	8.473248
EV2_str	BOBJ1	37.6	After	Interior Girder 3	37.6	0.95	1	1	7.864639
EV2_str	BOBJ1	37.6	After	Interior Girder 4	37.6	0.95	1	1	7.864639
EV2_str	BOBJ1	37.6	After	Interior Girder 5	37.6	0.95	1	1	8.473248
EV2_str	BOBJ1	37.6	After	Interior Girder 6	37.6	0.95	1	1	9.393612
EV2_str	BOBJ1	37.6	After	Right Exterior Girder	37.6	0.95	1	1	10.987009
EV2_str	BOBJ1	47.01	Before	Left Exterior Girder	47.01	0.95	1	1	10.783548
EV2_str	BOBJ1	47.01	Before	Interior Girder 1	47.01	0.95	1	1	9.14882
EV2_str	BOBJ1	47.01	Before	Interior Girder 2	47.01	0.95	1	1	8.254679

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Approach, Span 7-11									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
EV2_str	BOBJ1	47.01	Before	Interior Girder 3	47.01	0.95	1	1	7.659137
EV2_str	BOBJ1	47.01	Before	Interior Girder 4	47.01	0.95	1	1	7.659137
EV2_str	BOBJ1	47.01	Before	Interior Girder 5	47.01	0.95	1	1	8.254679
EV2_str	BOBJ1	47.01	Before	Interior Girder 6	47.01	0.95	1	1	9.14882
EV2_str	BOBJ1	47.01	Before	Right Exterior Girder	47.01	0.95	1	1	10.783548
EV2_str	BOBJ1	47.01	After	Left Exterior Girder	47.01	0.95	1	1	9.171411
EV2_str	BOBJ1	47.01	After	Interior Girder 1	47.01	0.95	1	1	6.399643
EV2_str	BOBJ1	47.01	After	Interior Girder 2	47.01	0.95	1	1	5.754045
EV2_str	BOBJ1	47.01	After	Interior Girder 3	47.01	0.95	1	1	4.830219
EV2_str	BOBJ1	47.01	After	Interior Girder 4	47.01	0.95	1	1	4.830219
EV2_str	BOBJ1	47.01	After	Interior Girder 5	47.01	0.95	1	1	5.754045
EV2_str	BOBJ1	47.01	After	Interior Girder 6	47.01	0.95	1	1	6.399643
EV2_str	BOBJ1	47.01	After	Right Exterior Girder	47.01	0.95	1	1	9.171411
EV2_str	BOBJ1	49.42	Before	Left Exterior Girder	49.42	0.95	1	1	9.125366
EV2_str	BOBJ1	49.42	Before	Right Exterior Girder	49.42	0.95	1	1	9.125366
EV2_str	BOBJ1	49.42	After	Left Exterior Girder	49.42	0.95	1	1	8.000011
EV2_str	BOBJ1	49.42	After	Right Exterior Girder	49.42	0.95	1	1	8.000011
EV2_str	BOBJ1	51.92	Before	Interior Girder 1	51.92	0.95	1	1	6.006357
EV2_str	BOBJ1	51.92	Before	Interior Girder 2	51.92	0.95	1	1	5.674112
EV2_str	BOBJ1	51.92	Before	Interior Girder 3	51.92	0.95	1	1	4.761935
EV2_str	BOBJ1	51.92	Before	Interior Girder 4	51.92	0.95	1	1	4.761935
EV2_str	BOBJ1	51.92	Before	Interior Girder 5	51.92	0.95	1	1	5.674112
EV2_str	BOBJ1	51.92	Before	Interior Girder 6	51.92	0.95	1	1	6.006357
EV2_str	BOBJ1	51.92	After	Interior Girder 1	51.92	0.95	1	1	5.358665
EV2_str	BOBJ1	51.92	After	Interior Girder 2	51.92	0.95	1	1	4.919887
EV2_str	BOBJ1	51.92	After	Interior Girder 3	51.92	0.95	1	1	3.922558
EV2_str	BOBJ1	51.92	After	Interior Girder 4	51.92	0.95	1	1	3.922558
EV2_str	BOBJ1	51.92	After	Interior Girder 5	51.92	0.95	1	1	4.919887
EV2_str	BOBJ1	51.92	After	Interior Girder 6	51.92	0.95	1	1	5.358665
EV2_str	BOBJ1	56.42	Before	Left Exterior Girder	56.42	0.95	1	1	9.457037
EV2_str	BOBJ1	56.42	Before	Interior Girder 1	56.42	0.95	1	1	5.28698
EV2_str	BOBJ1	56.42	Before	Interior Girder 2	56.42	0.95	1	1	4.854711
EV2_str	BOBJ1	56.42	Before	Interior Girder 3	56.42	0.95	1	1	3.869403
EV2_str	BOBJ1	56.42	Before	Interior Girder 4	56.42	0.95	1	1	3.869403
EV2_str	BOBJ1	56.42	Before	Interior Girder 5	56.42	0.95	1	1	4.854711
EV2_str	BOBJ1	56.42	Before	Interior Girder 6	56.42	0.95	1	1	5.28698
EV2_str	BOBJ1	56.42	Before	Right Exterior Girder	56.42	0.95	1	1	9.457037
EV2_str	BOBJ1	56.42	After	Left Exterior Girder	0	0.95	1	1	9.035668
EV2_str	BOBJ1	56.42	After	Interior Girder 1	0	0.95	1	1	5.371976
EV2_str	BOBJ1	56.42	After	Interior Girder 2	0	0.95	1	1	4.943144
EV2_str	BOBJ1	56.42	After	Interior Girder 3	0	0.95	1	1	3.929012
EV2_str	BOBJ1	56.42	After	Interior Girder 4	0	0.95	1	1	3.929012
EV2_str	BOBJ1	56.42	After	Interior Girder 5	0	0.95	1	1	4.943144
EV2_str	BOBJ1	56.42	After	Interior Girder 6	0	0.95	1	1	5.371976
EV2_str	BOBJ1	56.42	After	Right Exterior Girder	0	0.95	1	1	9.035668
EV2_str	BOBJ1	60.92	Before	Interior Girder 1	4.5	0.95	1	1	5.44435
EV2_str	BOBJ1	60.92	Before	Interior Girder 2	4.5	0.95	1	1	5.009078
EV2_str	BOBJ1	60.92	Before	Interior Girder 3	4.5	0.95	1	1	3.982745
EV2_str	BOBJ1	60.92	Before	Interior Girder 4	4.5	0.95	1	1	3.982745
EV2_str	BOBJ1	60.92	Before	Interior Girder 5	4.5	0.95	1	1	5.009078
EV2_str	BOBJ1	60.92	Before	Interior Girder 6	4.5	0.95	1	1	5.44435
EV2_str	BOBJ1	60.92	After	Interior Girder 1	4.5	0.95	1	1	5.910642
EV2_str	BOBJ1	60.92	After	Interior Girder 2	4.5	0.95	1	1	5.639091
EV2_str	BOBJ1	60.92	After	Interior Girder 3	4.5	0.95	1	1	4.702262
EV2_str	BOBJ1	60.92	After	Interior Girder 4	4.5	0.95	1	1	4.702262
EV2_str	BOBJ1	60.92	After	Interior Girder 5	4.5	0.95	1	1	5.639091
EV2_str	BOBJ1	60.92	After	Interior Girder 6	4.5	0.95	1	1	5.910642
EV2_str	BOBJ1	63.42	Before	Left Exterior Girder	7	0.95	1	1	7.495217
EV2_str	BOBJ1	63.42	Before	Right Exterior Girder	7	0.95	1	1	7.495217
EV2_str	BOBJ1	63.42	After	Left Exterior Girder	7	0.95	1	1	8.002231
EV2_str	BOBJ1	63.42	After	Right Exterior Girder	7	0.95	1	1	8.002231
EV2_str	BOBJ1	64.845	Before	Left Exterior Girder	8.425	0.95	1	1	8.026053
EV2_str	BOBJ1	64.845	Before	Interior Girder 1	8.425	0.95	1	1	6.445558
EV2_str	BOBJ1	64.845	Before	Interior Girder 2	8.425	0.95	1	1	5.702209
EV2_str	BOBJ1	64.845	Before	Interior Girder 3	8.425	0.95	1	1	4.75597

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Approach, Span 7-11									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
EV2_str	BOBJ1	64.845	Before	Interior Girder 4	8.425	0.95	1	1	4.75597
EV2_str	BOBJ1	64.845	Before	Interior Girder 5	8.425	0.95	1	1	5.702209
EV2_str	BOBJ1	64.845	Before	Interior Girder 6	8.425	0.95	1	1	6.445558
EV2_str	BOBJ1	64.845	Before	Right Exterior Girder	8.425	0.95	1	1	8.026053
EV2_str	BOBJ1	64.845	After	Left Exterior Girder	8.425	0.95	1	1	9.673954
EV2_str	BOBJ1	64.845	After	Interior Girder 1	8.425	0.95	1	1	7.438643
EV2_str	BOBJ1	64.845	After	Interior Girder 2	8.425	0.95	1	1	6.854534
EV2_str	BOBJ1	64.845	After	Interior Girder 3	8.425	0.95	1	1	6.114227
EV2_str	BOBJ1	64.845	After	Interior Girder 4	8.425	0.95	1	1	6.114227
EV2_str	BOBJ1	64.845	After	Interior Girder 5	8.425	0.95	1	1	6.854534
EV2_str	BOBJ1	64.845	After	Interior Girder 6	8.425	0.95	1	1	7.438643
EV2_str	BOBJ1	64.845	After	Right Exterior Girder	8.425	0.95	1	1	9.673954
EV2_str	BOBJ1	69.92	Before	Left Exterior Girder	13.5	0.95	1	1	9.77305
EV2_str	BOBJ1	69.92	Before	Interior Girder 1	13.5	0.95	1	1	7.545831
EV2_str	BOBJ1	69.92	Before	Interior Girder 2	13.5	0.95	1	1	6.95231
EV2_str	BOBJ1	69.92	Before	Interior Girder 3	13.5	0.95	1	1	6.202948
EV2_str	BOBJ1	69.92	Before	Interior Girder 4	13.5	0.95	1	1	6.202948
EV2_str	BOBJ1	69.92	Before	Interior Girder 5	13.5	0.95	1	1	6.95231
EV2_str	BOBJ1	69.92	Before	Interior Girder 6	13.5	0.95	1	1	7.545831
EV2_str	BOBJ1	69.92	Before	Right Exterior Girder	13.5	0.95	1	1	9.77305
EV2_str	BOBJ1	69.92	After	Left Exterior Girder	13.5	0.95	1	1	9.174695
EV2_str	BOBJ1	69.92	After	Interior Girder 1	13.5	0.95	1	1	8.183842
EV2_str	BOBJ1	69.92	After	Interior Girder 2	13.5	0.95	1	1	7.516183
EV2_str	BOBJ1	69.92	After	Interior Girder 3	13.5	0.95	1	1	6.859443
EV2_str	BOBJ1	69.92	After	Interior Girder 4	13.5	0.95	1	1	6.859443
EV2_str	BOBJ1	69.92	After	Interior Girder 5	13.5	0.95	1	1	7.516183
EV2_str	BOBJ1	69.92	After	Interior Girder 6	13.5	0.95	1	1	8.183842
EV2_str	BOBJ1	69.92	After	Right Exterior Girder	13.5	0.95	1	1	9.174695
EV2_str	BOBJ1	73.27	Before	Left Exterior Girder	16.85	0.95	1	1	9.240557
EV2_str	BOBJ1	73.27	Before	Interior Girder 1	16.85	0.95	1	1	8.263197
EV2_str	BOBJ1	73.27	Before	Interior Girder 2	16.85	0.95	1	1	7.588278
EV2_str	BOBJ1	73.27	Before	Interior Girder 3	16.85	0.95	1	1	6.926311
EV2_str	BOBJ1	73.27	Before	Interior Girder 4	16.85	0.95	1	1	6.926311
EV2_str	BOBJ1	73.27	Before	Interior Girder 5	16.85	0.95	1	1	7.588278
EV2_str	BOBJ1	73.27	Before	Interior Girder 6	16.85	0.95	1	1	8.263197
EV2_str	BOBJ1	73.27	Before	Right Exterior Girder	16.85	0.95	1	1	9.240557
EV2_str	BOBJ1	73.27	After	Left Exterior Girder	16.85	0.95	1	1	14.21843
EV2_str	BOBJ1	73.27	After	Interior Girder 1	16.85	0.95	1	1	8.904943
EV2_str	BOBJ1	73.27	After	Interior Girder 2	16.85	0.95	1	1	8.311701
EV2_str	BOBJ1	73.27	After	Interior Girder 3	16.85	0.95	1	1	7.314543
EV2_str	BOBJ1	73.27	After	Interior Girder 4	16.85	0.95	1	1	7.314543
EV2_str	BOBJ1	73.27	After	Interior Girder 5	16.85	0.95	1	1	8.311701
EV2_str	BOBJ1	73.27	After	Interior Girder 6	16.85	0.95	1	1	8.904943
EV2_str	BOBJ1	73.27	After	Right Exterior Girder	16.85	0.95	1	1	14.21843
EV2_str	BOBJ1	81.695	Before	Left Exterior Girder	25.275	0.95	1	1	14.466538
EV2_str	BOBJ1	81.695	Before	Interior Girder 1	25.275	0.95	1	1	9.118502
EV2_str	BOBJ1	81.695	Before	Interior Girder 2	25.275	0.95	1	1	8.510536
EV2_str	BOBJ1	81.695	Before	Interior Girder 3	25.275	0.95	1	1	7.489403
EV2_str	BOBJ1	81.695	Before	Interior Girder 4	25.275	0.95	1	1	7.489403
EV2_str	BOBJ1	81.695	Before	Interior Girder 5	25.275	0.95	1	1	8.510536
EV2_str	BOBJ1	81.695	Before	Interior Girder 6	25.275	0.95	1	1	9.118502
EV2_str	BOBJ1	81.695	Before	Right Exterior Girder	25.275	0.95	1	1	14.466538
EV2_str	BOBJ1	81.695	After	Left Exterior Girder	25.275	0.95	1	1	18.27208
EV2_str	BOBJ1	81.695	After	Interior Girder 1	25.275	0.95	1	1	14.173342
EV2_str	BOBJ1	81.695	After	Interior Girder 2	25.275	0.95	1	1	12.885789
EV2_str	BOBJ1	81.695	After	Interior Girder 3	25.275	0.95	1	1	11.055471
EV2_str	BOBJ1	81.695	After	Interior Girder 4	25.275	0.95	1	1	11.055471
EV2_str	BOBJ1	81.695	After	Interior Girder 5	25.275	0.95	1	1	12.885789
EV2_str	BOBJ1	81.695	After	Interior Girder 6	25.275	0.95	1	1	14.173342
EV2_str	BOBJ1	81.695	After	Right Exterior Girder	25.275	0.95	1	1	18.27208
EV2_str	BOBJ1	90.12	Before	Left Exterior Girder	33.7	0.95	1	1	18.575206
EV2_str	BOBJ1	90.12	Before	Interior Girder 1	33.7	0.95	1	1	14.503035
EV2_str	BOBJ1	90.12	Before	Interior Girder 2	33.7	0.95	1	1	12.839402
EV2_str	BOBJ1	90.12	Before	Interior Girder 3	33.7	0.95	1	1	10.813236
EV2_str	BOBJ1	90.12	Before	Interior Girder 4	33.7	0.95	1	1	10.813236

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Approach, Span 7-11									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
EV2_str	BOBJ1	90.12	Before	Interior Girder 5	33.7	0.95	1	1	12.839402
EV2_str	BOBJ1	90.12	Before	Interior Girder 6	33.7	0.95	1	1	14.503035
EV2_str	BOBJ1	90.12	Before	Right Exterior Girder	33.7	0.95	1	1	18.575206
EV2_str	BOBJ1	90.12	After	Left Exterior Girder	33.7	0.95	1	1	19.484159
EV2_str	BOBJ1	90.12	After	Interior Girder 1	33.7	0.95	1	1	14.756037
EV2_str	BOBJ1	90.12	After	Interior Girder 2	33.7	0.95	1	1	12.729682
EV2_str	BOBJ1	90.12	After	Interior Girder 3	33.7	0.95	1	1	10.711297
EV2_str	BOBJ1	90.12	After	Interior Girder 4	33.7	0.95	1	1	10.711297
EV2_str	BOBJ1	90.12	After	Interior Girder 5	33.7	0.95	1	1	12.729682
EV2_str	BOBJ1	90.12	After	Interior Girder 6	33.7	0.95	1	1	14.756037
EV2_str	BOBJ1	90.12	After	Right Exterior Girder	33.7	0.95	1	1	19.484159
EV2_str	BOBJ1	98.545	Before	Left Exterior Girder	42.125	0.95	1	1	19.167187
EV2_str	BOBJ1	98.545	Before	Interior Girder 1	42.125	0.95	1	1	14.489147
EV2_str	BOBJ1	98.545	Before	Interior Girder 2	42.125	0.95	1	1	13.014895
EV2_str	BOBJ1	98.545	Before	Interior Girder 3	42.125	0.95	1	1	10.951409
EV2_str	BOBJ1	98.545	Before	Interior Girder 4	42.125	0.95	1	1	10.951409
EV2_str	BOBJ1	98.545	Before	Interior Girder 5	42.125	0.95	1	1	13.014895
EV2_str	BOBJ1	98.545	Before	Interior Girder 6	42.125	0.95	1	1	14.489147
EV2_str	BOBJ1	98.545	Before	Right Exterior Girder	42.125	0.95	1	1	19.167187
EV2_str	BOBJ1	98.545	After	Left Exterior Girder	42.125	0.95	1	1	14.954504
EV2_str	BOBJ1	98.545	After	Interior Girder 1	42.125	0.95	1	1	9.261129
EV2_str	BOBJ1	98.545	After	Interior Girder 2	42.125	0.95	1	1	8.605607
EV2_str	BOBJ1	98.545	After	Interior Girder 3	42.125	0.95	1	1	7.544108
EV2_str	BOBJ1	98.545	After	Interior Girder 4	42.125	0.95	1	1	7.544108
EV2_str	BOBJ1	98.545	After	Interior Girder 5	42.125	0.95	1	1	8.605607
EV2_str	BOBJ1	98.545	After	Interior Girder 6	42.125	0.95	1	1	9.261129
EV2_str	BOBJ1	98.545	After	Right Exterior Girder	42.125	0.95	1	1	14.954504
EV2_str	BOBJ1	106.97	Before	Left Exterior Girder	50.55	0.95	1	1	14.698883
EV2_str	BOBJ1	106.97	Before	Interior Girder 1	50.55	0.95	1	1	9.044522
EV2_str	BOBJ1	106.97	Before	Interior Girder 2	50.55	0.95	1	1	8.404698
EV2_str	BOBJ1	106.97	Before	Interior Girder 3	50.55	0.95	1	1	7.368101
EV2_str	BOBJ1	106.97	Before	Interior Girder 4	50.55	0.95	1	1	7.368101
EV2_str	BOBJ1	106.97	Before	Interior Girder 5	50.55	0.95	1	1	8.404698
EV2_str	BOBJ1	106.97	Before	Interior Girder 6	50.55	0.95	1	1	9.044522
EV2_str	BOBJ1	106.97	Before	Right Exterior Girder	50.55	0.95	1	1	14.698883
EV2_str	BOBJ1	106.97	After	Left Exterior Girder	50.55	0.95	1	1	9.291642
EV2_str	BOBJ1	106.97	After	Interior Girder 1	50.55	0.95	1	1	8.415644
EV2_str	BOBJ1	106.97	After	Interior Girder 2	50.55	0.95	1	1	7.755585
EV2_str	BOBJ1	106.97	After	Interior Girder 3	50.55	0.95	1	1	7.142262
EV2_str	BOBJ1	106.97	After	Interior Girder 4	50.55	0.95	1	1	7.142262
EV2_str	BOBJ1	106.97	After	Interior Girder 5	50.55	0.95	1	1	7.755585
EV2_str	BOBJ1	106.97	After	Interior Girder 6	50.55	0.95	1	1	8.415644
EV2_str	BOBJ1	106.97	After	Right Exterior Girder	50.55	0.95	1	1	9.291642
EV2_str	BOBJ1	115.405	Before	Left Exterior Girder	58.985	0.95	1	1	9.123997
EV2_str	BOBJ1	115.405	Before	Interior Girder 1	58.985	0.95	1	1	8.211586
EV2_str	BOBJ1	115.405	Before	Interior Girder 2	58.985	0.95	1	1	7.56967
EV2_str	BOBJ1	115.405	Before	Interior Girder 3	58.985	0.95	1	1	6.968332
EV2_str	BOBJ1	115.405	Before	Interior Girder 4	58.985	0.95	1	1	6.968332
EV2_str	BOBJ1	115.405	Before	Interior Girder 5	58.985	0.95	1	1	7.56967
EV2_str	BOBJ1	115.405	Before	Interior Girder 6	58.985	0.95	1	1	8.211586
EV2_str	BOBJ1	115.405	Before	Right Exterior Girder	58.985	0.95	1	1	9.123997
EV2_str	BOBJ1	115.405	After	Left Exterior Girder	58.985	0.95	1	1	6.034925
EV2_str	BOBJ1	115.405	After	Interior Girder 1	58.985	0.95	1	1	6.877217
EV2_str	BOBJ1	115.405	After	Interior Girder 2	58.985	0.95	1	1	5.454363
EV2_str	BOBJ1	115.405	After	Interior Girder 3	58.985	0.95	1	1	4.535799
EV2_str	BOBJ1	115.405	After	Interior Girder 4	58.985	0.95	1	1	4.535799
EV2_str	BOBJ1	115.405	After	Interior Girder 5	58.985	0.95	1	1	5.454363
EV2_str	BOBJ1	115.405	After	Interior Girder 6	58.985	0.95	1	1	6.877217
EV2_str	BOBJ1	115.405	After	Right Exterior Girder	58.985	0.95	1	1	6.034925
EV2_str	BOBJ1	116.34	Before	Left Exterior Girder	59.92	0.95	1	1	6.021695
EV2_str	BOBJ1	116.34	Before	Right Exterior Girder	59.92	0.95	1	1	6.021695
EV2_str	BOBJ1	116.34	After	Left Exterior Girder	59.92	0.95	1	1	5.658362
EV2_str	BOBJ1	116.34	After	Right Exterior Girder	59.92	0.95	1	1	5.658362
EV2_str	BOBJ1	118.84	Before	Interior Girder 1	62.42	0.95	1	1	5.666138
EV2_str	BOBJ1	118.84	Before	Interior Girder 2	62.42	0.95	1	1	5.399572

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Approach, Span 7-11									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
EV2_str	BOBJ1	118.84	Before	Interior Girder 3	62.42	0.95	1	1	4.489298
EV2_str	BOBJ1	118.84	Before	Interior Girder 4	62.42	0.95	1	1	4.489298
EV2_str	BOBJ1	118.84	Before	Interior Girder 5	62.42	0.95	1	1	5.399572
EV2_str	BOBJ1	118.84	Before	Interior Girder 6	62.42	0.95	1	1	5.666138
EV2_str	BOBJ1	118.84	After	Interior Girder 1	62.42	0.95	1	1	5.256192
EV2_str	BOBJ1	118.84	After	Interior Girder 2	62.42	0.95	1	1	4.835745
EV2_str	BOBJ1	118.84	After	Interior Girder 3	62.42	0.95	1	1	3.862549
EV2_str	BOBJ1	118.84	After	Interior Girder 4	62.42	0.95	1	1	3.862549
EV2_str	BOBJ1	118.84	After	Interior Girder 5	62.42	0.95	1	1	4.835745
EV2_str	BOBJ1	118.84	After	Interior Girder 6	62.42	0.95	1	1	5.256192
EV2_str	BOBJ1	123.84	Before	Left Exterior Girder	67.42	0.95	1	1	8.166787
EV2_str	BOBJ1	123.84	Before	Interior Girder 1	67.42	0.95	1	1	5.173938
EV2_str	BOBJ1	123.84	Before	Interior Girder 2	67.42	0.95	1	1	4.760904
EV2_str	BOBJ1	123.84	Before	Interior Girder 3	67.42	0.95	1	1	3.801272
EV2_str	BOBJ1	123.84	Before	Interior Girder 4	67.42	0.95	1	1	3.801272
EV2_str	BOBJ1	123.84	Before	Interior Girder 5	67.42	0.95	1	1	4.760904
EV2_str	BOBJ1	123.84	Before	Interior Girder 6	67.42	0.95	1	1	5.173938
EV2_str	BOBJ1	123.84	Before	Right Exterior Girder	67.42	0.95	1	1	8.166787
EV2_str	BOBJ1	123.84	After	Left Exterior Girder	0	0.95	1	1	8.093131
EV2_str	BOBJ1	123.84	After	Interior Girder 1	0	0.95	1	1	5.161492
EV2_str	BOBJ1	123.84	After	Interior Girder 2	0	0.95	1	1	4.752193
EV2_str	BOBJ1	123.84	After	Interior Girder 3	0	0.95	1	1	3.796678
EV2_str	BOBJ1	123.84	After	Interior Girder 4	0	0.95	1	1	3.796678
EV2_str	BOBJ1	123.84	After	Interior Girder 5	0	0.95	1	1	4.752193
EV2_str	BOBJ1	123.84	After	Interior Girder 6	0	0.95	1	1	5.161492
EV2_str	BOBJ1	123.84	After	Right Exterior Girder	0	0.95	1	1	8.093131
EV2_str	BOBJ1	128.84	Before	Interior Girder 1	5	0.95	1	1	5.243621
EV2_str	BOBJ1	128.84	Before	Interior Girder 2	5	0.95	1	1	4.826945
EV2_str	BOBJ1	128.84	Before	Interior Girder 3	5	0.95	1	1	3.857916
EV2_str	BOBJ1	128.84	Before	Interior Girder 4	5	0.95	1	1	3.857916
EV2_str	BOBJ1	128.84	Before	Interior Girder 5	5	0.95	1	1	4.826945
EV2_str	BOBJ1	128.84	Before	Interior Girder 6	5	0.95	1	1	5.243621
EV2_str	BOBJ1	128.84	After	Interior Girder 1	5	0.95	1	1	5.646296
EV2_str	BOBJ1	128.84	After	Interior Girder 2	5	0.95	1	1	5.386174
EV2_str	BOBJ1	128.84	After	Interior Girder 3	5	0.95	1	1	4.481041
EV2_str	BOBJ1	128.84	After	Interior Girder 4	5	0.95	1	1	4.481041
EV2_str	BOBJ1	128.84	After	Interior Girder 5	5	0.95	1	1	5.386174
EV2_str	BOBJ1	128.84	After	Interior Girder 6	5	0.95	1	1	5.646296
EV2_str	BOBJ1	131.34	Before	Left Exterior Girder	7.5	0.95	1	1	5.601401
EV2_str	BOBJ1	131.34	Before	Right Exterior Girder	7.5	0.95	1	1	5.601401
EV2_str	BOBJ1	131.34	After	Left Exterior Girder	7.5	0.95	1	1	5.946283
EV2_str	BOBJ1	131.34	After	Right Exterior Girder	7.5	0.95	1	1	5.946283
EV2_str	BOBJ1	132.265	Before	Left Exterior Girder	8.425	0.95	1	1	5.959227
EV2_str	BOBJ1	132.265	Before	Interior Girder 1	8.425	0.95	1	1	6.867969
EV2_str	BOBJ1	132.265	Before	Interior Girder 2	8.425	0.95	1	1	5.440705
EV2_str	BOBJ1	132.265	Before	Interior Girder 3	8.425	0.95	1	1	4.527348
EV2_str	BOBJ1	132.265	Before	Interior Girder 4	8.425	0.95	1	1	4.527348
EV2_str	BOBJ1	132.265	Before	Interior Girder 5	8.425	0.95	1	1	5.440705
EV2_str	BOBJ1	132.265	Before	Interior Girder 6	8.425	0.95	1	1	6.867969
EV2_str	BOBJ1	132.265	Before	Right Exterior Girder	8.425	0.95	1	1	5.959227
EV2_str	BOBJ1	132.265	After	Left Exterior Girder	8.425	0.95	1	1	9.021703
EV2_str	BOBJ1	132.265	After	Interior Girder 1	8.425	0.95	1	1	8.154867
EV2_str	BOBJ1	132.265	After	Interior Girder 2	8.425	0.95	1	1	7.535321
EV2_str	BOBJ1	132.265	After	Interior Girder 3	8.425	0.95	1	1	6.939927
EV2_str	BOBJ1	132.265	After	Interior Girder 4	8.425	0.95	1	1	6.939927
EV2_str	BOBJ1	132.265	After	Interior Girder 5	8.425	0.95	1	1	7.535321
EV2_str	BOBJ1	132.265	After	Interior Girder 6	8.425	0.95	1	1	8.154867
EV2_str	BOBJ1	132.265	After	Right Exterior Girder	8.425	0.95	1	1	9.021703
EV2_str	BOBJ1	140.69	Before	Left Exterior Girder	16.85	0.95	1	1	9.18744
EV2_str	BOBJ1	140.69	Before	Interior Girder 1	16.85	0.95	1	1	8.357463
EV2_str	BOBJ1	140.69	Before	Interior Girder 2	16.85	0.95	1	1	7.720299
EV2_str	BOBJ1	140.69	Before	Interior Girder 3	16.85	0.95	1	1	7.113044
EV2_str	BOBJ1	140.69	Before	Interior Girder 4	16.85	0.95	1	1	7.113044
EV2_str	BOBJ1	140.69	Before	Interior Girder 5	16.85	0.95	1	1	7.720299
EV2_str	BOBJ1	140.69	Before	Interior Girder 6	16.85	0.95	1	1	8.357463

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Approach, Span 7-11									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
EV2_str	BOBJ1	140.69	Before	Right Exterior Girder	16.85	0.95	1	1	9.18744
EV2_str	BOBJ1	140.69	After	Left Exterior Girder	16.85	0.95	1	1	14.481216
EV2_str	BOBJ1	140.69	After	Interior Girder 1	16.85	0.95	1	1	8.966878
EV2_str	BOBJ1	140.69	After	Interior Girder 2	16.85	0.95	1	1	8.354813
EV2_str	BOBJ1	140.69	After	Interior Girder 3	16.85	0.95	1	1	7.347542
EV2_str	BOBJ1	140.69	After	Interior Girder 4	16.85	0.95	1	1	7.347542
EV2_str	BOBJ1	140.69	After	Interior Girder 5	16.85	0.95	1	1	8.354813
EV2_str	BOBJ1	140.69	After	Interior Girder 6	16.85	0.95	1	1	8.966878
EV2_str	BOBJ1	140.69	After	Right Exterior Girder	16.85	0.95	1	1	14.481216
EV2_str	BOBJ1	149.115	Before	Left Exterior Girder	25.275	0.95	1	1	14.733359
EV2_str	BOBJ1	149.115	Before	Interior Girder 1	25.275	0.95	1	1	9.181843
EV2_str	BOBJ1	149.115	Before	Interior Girder 2	25.275	0.95	1	1	8.554657
EV2_str	BOBJ1	149.115	Before	Interior Girder 3	25.275	0.95	1	1	7.523119
EV2_str	BOBJ1	149.115	Before	Interior Girder 4	25.275	0.95	1	1	7.523119
EV2_str	BOBJ1	149.115	Before	Interior Girder 5	25.275	0.95	1	1	8.554657
EV2_str	BOBJ1	149.115	Before	Interior Girder 6	25.275	0.95	1	1	9.181843
EV2_str	BOBJ1	149.115	Before	Right Exterior Girder	25.275	0.95	1	1	14.733359
EV2_str	BOBJ1	149.115	After	Left Exterior Girder	25.275	0.95	1	1	18.704956
EV2_str	BOBJ1	149.115	After	Interior Girder 1	25.275	0.95	1	1	14.307187
EV2_str	BOBJ1	149.115	After	Interior Girder 2	25.275	0.95	1	1	12.982036
EV2_str	BOBJ1	149.115	After	Interior Girder 3	25.275	0.95	1	1	10.990994
EV2_str	BOBJ1	149.115	After	Interior Girder 4	25.275	0.95	1	1	10.990994
EV2_str	BOBJ1	149.115	After	Interior Girder 5	25.275	0.95	1	1	12.982036
EV2_str	BOBJ1	149.115	After	Interior Girder 6	25.275	0.95	1	1	14.307187
EV2_str	BOBJ1	149.115	After	Right Exterior Girder	25.275	0.95	1	1	18.704956
EV2_str	BOBJ1	157.54	Before	Left Exterior Girder	33.7	0.95	1	1	19.014649
EV2_str	BOBJ1	157.54	Before	Interior Girder 1	33.7	0.95	1	1	14.639846
EV2_str	BOBJ1	157.54	Before	Interior Girder 2	33.7	0.95	1	1	12.785318
EV2_str	BOBJ1	157.54	Before	Interior Girder 3	33.7	0.95	1	1	10.750089
EV2_str	BOBJ1	157.54	Before	Interior Girder 4	33.7	0.95	1	1	10.750089
EV2_str	BOBJ1	157.54	Before	Interior Girder 5	33.7	0.95	1	1	12.785318
EV2_str	BOBJ1	157.54	Before	Interior Girder 6	33.7	0.95	1	1	14.639846
EV2_str	BOBJ1	157.54	Before	Right Exterior Girder	33.7	0.95	1	1	19.014649
EV2_str	BOBJ1	157.54	After	Left Exterior Girder	33.7	0.95	1	1	19.042053
EV2_str	BOBJ1	157.54	After	Interior Girder 1	33.7	0.95	1	1	14.649214
EV2_str	BOBJ1	157.54	After	Interior Girder 2	33.7	0.95	1	1	12.780231
EV2_str	BOBJ1	157.54	After	Interior Girder 3	33.7	0.95	1	1	10.744115
EV2_str	BOBJ1	157.54	After	Interior Girder 4	33.7	0.95	1	1	10.744115
EV2_str	BOBJ1	157.54	After	Interior Girder 5	33.7	0.95	1	1	12.780231
EV2_str	BOBJ1	157.54	After	Interior Girder 6	33.7	0.95	1	1	14.649214
EV2_str	BOBJ1	157.54	After	Right Exterior Girder	33.7	0.95	1	1	19.042053
EV2_str	BOBJ1	165.965	Before	Left Exterior Girder	42.125	0.95	1	1	18.731936
EV2_str	BOBJ1	165.965	Before	Interior Girder 1	42.125	0.95	1	1	14.316349
EV2_str	BOBJ1	165.965	Before	Interior Girder 2	42.125	0.95	1	1	12.990043
EV2_str	BOBJ1	165.965	Before	Interior Girder 3	42.125	0.95	1	1	10.984898
EV2_str	BOBJ1	165.965	Before	Interior Girder 4	42.125	0.95	1	1	10.984898
EV2_str	BOBJ1	165.965	Before	Interior Girder 5	42.125	0.95	1	1	12.990043
EV2_str	BOBJ1	165.965	Before	Interior Girder 6	42.125	0.95	1	1	14.316349
EV2_str	BOBJ1	165.965	Before	Right Exterior Girder	42.125	0.95	1	1	18.731936
EV2_str	BOBJ1	165.965	After	Left Exterior Girder	42.125	0.95	1	1	14.748957
EV2_str	BOBJ1	165.965	After	Interior Girder 1	42.125	0.95	1	1	9.185728
EV2_str	BOBJ1	165.965	After	Interior Girder 2	42.125	0.95	1	1	8.558168
EV2_str	BOBJ1	165.965	After	Interior Girder 3	42.125	0.95	1	1	7.526201
EV2_str	BOBJ1	165.965	After	Interior Girder 4	42.125	0.95	1	1	7.526201
EV2_str	BOBJ1	165.965	After	Interior Girder 5	42.125	0.95	1	1	8.558168
EV2_str	BOBJ1	165.965	After	Interior Girder 6	42.125	0.95	1	1	9.185728
EV2_str	BOBJ1	165.965	After	Right Exterior Girder	42.125	0.95	1	1	14.748957
EV2_str	BOBJ1	174.39	Before	Left Exterior Girder	50.55	0.95	1	1	14.496567
EV2_str	BOBJ1	174.39	Before	Interior Girder 1	50.55	0.95	1	1	8.970676
EV2_str	BOBJ1	174.39	Before	Interior Girder 2	50.55	0.95	1	1	8.358246
EV2_str	BOBJ1	174.39	Before	Interior Girder 3	50.55	0.95	1	1	7.350561
EV2_str	BOBJ1	174.39	Before	Interior Girder 4	50.55	0.95	1	1	7.350561
EV2_str	BOBJ1	174.39	Before	Interior Girder 5	50.55	0.95	1	1	8.358246
EV2_str	BOBJ1	174.39	Before	Interior Girder 6	50.55	0.95	1	1	8.970676
EV2_str	BOBJ1	174.39	Before	Right Exterior Girder	50.55	0.95	1	1	14.496567

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Approach, Span 7-11									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
EV2_str	BOBJ1	174.39	After	Left Exterior Girder	50.55	0.95	1	1	9.195136
EV2_str	BOBJ1	174.39	After	Interior Girder 1	50.55	0.95	1	1	8.360738
EV2_str	BOBJ1	174.39	After	Interior Girder 2	50.55	0.95	1	1	7.721787
EV2_str	BOBJ1	174.39	After	Interior Girder 3	50.55	0.95	1	1	7.1196
EV2_str	BOBJ1	174.39	After	Interior Girder 4	50.55	0.95	1	1	7.1196
EV2_str	BOBJ1	174.39	After	Interior Girder 5	50.55	0.95	1	1	7.721787
EV2_str	BOBJ1	174.39	After	Interior Girder 6	50.55	0.95	1	1	8.360738
EV2_str	BOBJ1	174.39	After	Right Exterior Girder	50.55	0.95	1	1	9.195136
EV2_str	BOBJ1	182.825	Before	Left Exterior Girder	58.985	0.95	1	1	9.029082
EV2_str	BOBJ1	182.825	Before	Interior Girder 1	58.985	0.95	1	1	8.157814
EV2_str	BOBJ1	182.825	Before	Interior Girder 2	58.985	0.95	1	1	7.536546
EV2_str	BOBJ1	182.825	Before	Interior Girder 3	58.985	0.95	1	1	6.946137
EV2_str	BOBJ1	182.825	Before	Interior Girder 4	58.985	0.95	1	1	6.946137
EV2_str	BOBJ1	182.825	Before	Interior Girder 5	58.985	0.95	1	1	7.536546
EV2_str	BOBJ1	182.825	Before	Interior Girder 6	58.985	0.95	1	1	8.157814
EV2_str	BOBJ1	182.825	Before	Right Exterior Girder	58.985	0.95	1	1	9.029082
EV2_str	BOBJ1	182.825	After	Left Exterior Girder	58.985	0.95	1	1	5.98228
EV2_str	BOBJ1	182.825	After	Interior Girder 1	58.985	0.95	1	1	6.853596
EV2_str	BOBJ1	182.825	After	Interior Girder 2	58.985	0.95	1	1	5.439059
EV2_str	BOBJ1	182.825	After	Interior Girder 3	58.985	0.95	1	1	4.528904
EV2_str	BOBJ1	182.825	After	Interior Girder 4	58.985	0.95	1	1	4.528904
EV2_str	BOBJ1	182.825	After	Interior Girder 5	58.985	0.95	1	1	5.439059
EV2_str	BOBJ1	182.825	After	Interior Girder 6	58.985	0.95	1	1	6.853596
EV2_str	BOBJ1	182.825	After	Right Exterior Girder	58.985	0.95	1	1	5.98228
EV2_str	BOBJ1	183.76	Before	Left Exterior Girder	59.92	0.95	1	1	5.969153
EV2_str	BOBJ1	183.76	Before	Right Exterior Girder	59.92	0.95	1	1	5.969153
EV2_str	BOBJ1	183.76	After	Left Exterior Girder	59.92	0.95	1	1	5.618359
EV2_str	BOBJ1	183.76	After	Right Exterior Girder	59.92	0.95	1	1	5.618359
EV2_str	BOBJ1	186.26	Before	Interior Girder 1	62.42	0.95	1	1	5.645738
EV2_str	BOBJ1	186.26	Before	Interior Girder 2	62.42	0.95	1	1	5.384379
EV2_str	BOBJ1	186.26	Before	Interior Girder 3	62.42	0.95	1	1	4.482451
EV2_str	BOBJ1	186.26	Before	Interior Girder 4	62.42	0.95	1	1	4.482451
EV2_str	BOBJ1	186.26	Before	Interior Girder 5	62.42	0.95	1	1	5.384379
EV2_str	BOBJ1	186.26	Before	Interior Girder 6	62.42	0.95	1	1	5.645738
EV2_str	BOBJ1	186.26	After	Interior Girder 1	62.42	0.95	1	1	5.241068
EV2_str	BOBJ1	186.26	After	Interior Girder 2	62.42	0.95	1	1	4.824395
EV2_str	BOBJ1	186.26	After	Interior Girder 3	62.42	0.95	1	1	3.857777
EV2_str	BOBJ1	186.26	After	Interior Girder 4	62.42	0.95	1	1	3.857777
EV2_str	BOBJ1	186.26	After	Interior Girder 5	62.42	0.95	1	1	4.824395
EV2_str	BOBJ1	186.26	After	Interior Girder 6	62.42	0.95	1	1	5.241068
EV2_str	BOBJ1	191.26	Before	Left Exterior Girder	67.42	0.95	1	1	8.097327
EV2_str	BOBJ1	191.26	Before	Interior Girder 1	67.42	0.95	1	1	5.158968
EV2_str	BOBJ1	191.26	Before	Interior Girder 2	67.42	0.95	1	1	4.749673
EV2_str	BOBJ1	191.26	Before	Interior Girder 3	67.42	0.95	1	1	3.796544
EV2_str	BOBJ1	191.26	Before	Interior Girder 4	67.42	0.95	1	1	3.796544
EV2_str	BOBJ1	191.26	Before	Interior Girder 5	67.42	0.95	1	1	4.749673
EV2_str	BOBJ1	191.26	Before	Interior Girder 6	67.42	0.95	1	1	5.158968
EV2_str	BOBJ1	191.26	Before	Right Exterior Girder	67.42	0.95	1	1	8.097327
EV2_str	BOBJ1	191.26	After	Left Exterior Girder	0	0.95	1	1	8.16015
EV2_str	BOBJ1	191.26	After	Interior Girder 1	0	0.95	1	1	5.175581
EV2_str	BOBJ1	191.26	After	Interior Girder 2	0	0.95	1	1	4.762847
EV2_str	BOBJ1	191.26	After	Interior Girder 3	0	0.95	1	1	3.800973
EV2_str	BOBJ1	191.26	After	Interior Girder 4	0	0.95	1	1	3.800973
EV2_str	BOBJ1	191.26	After	Interior Girder 5	0	0.95	1	1	4.762847
EV2_str	BOBJ1	191.26	After	Interior Girder 6	0	0.95	1	1	5.175581
EV2_str	BOBJ1	191.26	After	Right Exterior Girder	0	0.95	1	1	8.16015
EV2_str	BOBJ1	196.26	Before	Interior Girder 1	5	0.95	1	1	5.257864
EV2_str	BOBJ1	196.26	Before	Interior Girder 2	5	0.95	1	1	4.837717
EV2_str	BOBJ1	196.26	Before	Interior Girder 3	5	0.95	1	1	3.862255
EV2_str	BOBJ1	196.26	Before	Interior Girder 4	5	0.95	1	1	3.862255
EV2_str	BOBJ1	196.26	Before	Interior Girder 5	5	0.95	1	1	4.837717
EV2_str	BOBJ1	196.26	Before	Interior Girder 6	5	0.95	1	1	5.257864
EV2_str	BOBJ1	196.26	After	Interior Girder 1	5	0.95	1	1	5.665737
EV2_str	BOBJ1	196.26	After	Interior Girder 2	5	0.95	1	1	5.400707
EV2_str	BOBJ1	196.26	After	Interior Girder 3	5	0.95	1	1	4.487392

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Approach, Span 7-11									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
EV2_str	BOBJ1	196.26	After	Interior Girder 4	5	0.95	1	1	4.487392
EV2_str	BOBJ1	196.26	After	Interior Girder 5	5	0.95	1	1	5.400707
EV2_str	BOBJ1	196.26	After	Interior Girder 6	5	0.95	1	1	5.665737
EV2_str	BOBJ1	198.76	Before	Left Exterior Girder	7.5	0.95	1	1	5.638898
EV2_str	BOBJ1	198.76	Before	Right Exterior Girder	7.5	0.95	1	1	5.638898
EV2_str	BOBJ1	198.76	After	Left Exterior Girder	7.5	0.95	1	1	5.996063
EV2_str	BOBJ1	198.76	After	Right Exterior Girder	7.5	0.95	1	1	5.996063
EV2_str	BOBJ1	199.685	Before	Left Exterior Girder	8.425	0.95	1	1	6.009109
EV2_str	BOBJ1	199.685	Before	Interior Girder 1	8.425	0.95	1	1	6.891234
EV2_str	BOBJ1	199.685	Before	Interior Girder 2	8.425	0.95	1	1	5.45535
EV2_str	BOBJ1	199.685	Before	Interior Girder 3	8.425	0.95	1	1	4.533746
EV2_str	BOBJ1	199.685	Before	Interior Girder 4	8.425	0.95	1	1	4.533746
EV2_str	BOBJ1	199.685	Before	Interior Girder 5	8.425	0.95	1	1	5.45535
EV2_str	BOBJ1	199.685	Before	Interior Girder 6	8.425	0.95	1	1	6.891234
EV2_str	BOBJ1	199.685	Before	Right Exterior Girder	8.425	0.95	1	1	6.009109
EV2_str	BOBJ1	199.685	After	Left Exterior Girder	8.425	0.95	1	1	9.114077
EV2_str	BOBJ1	199.685	After	Interior Girder 1	8.425	0.95	1	1	8.20715
EV2_str	BOBJ1	199.685	After	Interior Girder 2	8.425	0.95	1	1	7.567474
EV2_str	BOBJ1	199.685	After	Interior Girder 3	8.425	0.95	1	1	6.961333
EV2_str	BOBJ1	199.685	After	Interior Girder 4	8.425	0.95	1	1	6.961333
EV2_str	BOBJ1	199.685	After	Interior Girder 5	8.425	0.95	1	1	7.567474
EV2_str	BOBJ1	199.685	After	Interior Girder 6	8.425	0.95	1	1	8.20715
EV2_str	BOBJ1	199.685	After	Right Exterior Girder	8.425	0.95	1	1	9.114077
EV2_str	BOBJ1	208.11	Before	Left Exterior Girder	16.85	0.95	1	1	9.281402
EV2_str	BOBJ1	208.11	Before	Interior Girder 1	16.85	0.95	1	1	8.410875
EV2_str	BOBJ1	208.11	Before	Interior Girder 2	16.85	0.95	1	1	7.753123
EV2_str	BOBJ1	208.11	Before	Interior Girder 3	16.85	0.95	1	1	7.134917
EV2_str	BOBJ1	208.11	Before	Interior Girder 4	16.85	0.95	1	1	7.134917
EV2_str	BOBJ1	208.11	Before	Interior Girder 5	16.85	0.95	1	1	7.753123
EV2_str	BOBJ1	208.11	Before	Interior Girder 6	16.85	0.95	1	1	8.410875
EV2_str	BOBJ1	208.11	Before	Right Exterior Girder	16.85	0.95	1	1	9.281402
EV2_str	BOBJ1	208.11	After	Left Exterior Girder	16.85	0.95	1	1	14.679415
EV2_str	BOBJ1	208.11	After	Interior Girder 1	16.85	0.95	1	1	9.038971
EV2_str	BOBJ1	208.11	After	Interior Girder 2	16.85	0.95	1	1	8.400211
EV2_str	BOBJ1	208.11	After	Interior Girder 3	16.85	0.95	1	1	7.364424
EV2_str	BOBJ1	208.11	After	Interior Girder 4	16.85	0.95	1	1	7.364424
EV2_str	BOBJ1	208.11	After	Interior Girder 5	16.85	0.95	1	1	8.400211
EV2_str	BOBJ1	208.11	After	Interior Girder 6	16.85	0.95	1	1	9.038971
EV2_str	BOBJ1	208.11	After	Right Exterior Girder	16.85	0.95	1	1	14.679415
EV2_str	BOBJ1	216.535	Before	Left Exterior Girder	25.275	0.95	1	1	14.934783
EV2_str	BOBJ1	216.535	Before	Interior Girder 1	25.275	0.95	1	1	9.255488
EV2_str	BOBJ1	216.535	Before	Interior Girder 2	25.275	0.95	1	1	8.60104
EV2_str	BOBJ1	216.535	Before	Interior Girder 3	25.275	0.95	1	1	7.540367
EV2_str	BOBJ1	216.535	Before	Interior Girder 4	25.275	0.95	1	1	7.540367
EV2_str	BOBJ1	216.535	Before	Interior Girder 5	25.275	0.95	1	1	8.60104
EV2_str	BOBJ1	216.535	Before	Interior Girder 6	25.275	0.95	1	1	9.255488
EV2_str	BOBJ1	216.535	Before	Right Exterior Girder	25.275	0.95	1	1	14.934783
EV2_str	BOBJ1	216.535	After	Left Exterior Girder	25.275	0.95	1	1	19.134715
EV2_str	BOBJ1	216.535	After	Interior Girder 1	25.275	0.95	1	1	14.477011
EV2_str	BOBJ1	216.535	After	Interior Girder 2	25.275	0.95	1	1	13.021496
EV2_str	BOBJ1	216.535	After	Interior Girder 3	25.275	0.95	1	1	10.958356
EV2_str	BOBJ1	216.535	After	Interior Girder 4	25.275	0.95	1	1	10.958356
EV2_str	BOBJ1	216.535	After	Interior Girder 5	25.275	0.95	1	1	13.021496
EV2_str	BOBJ1	216.535	After	Interior Girder 6	25.275	0.95	1	1	14.477011
EV2_str	BOBJ1	216.535	After	Right Exterior Girder	25.275	0.95	1	1	19.134715
EV2_str	BOBJ1	224.96	Before	Left Exterior Girder	33.7	0.95	1	1	19.451251
EV2_str	BOBJ1	224.96	Before	Interior Girder 1	33.7	0.95	1	1	14.76666
EV2_str	BOBJ1	224.96	Before	Interior Girder 2	33.7	0.95	1	1	12.736176
EV2_str	BOBJ1	224.96	Before	Interior Girder 3	33.7	0.95	1	1	10.718121
EV2_str	BOBJ1	224.96	Before	Interior Girder 4	33.7	0.95	1	1	10.718121
EV2_str	BOBJ1	224.96	Before	Interior Girder 5	33.7	0.95	1	1	12.736176
EV2_str	BOBJ1	224.96	Before	Interior Girder 6	33.7	0.95	1	1	14.76666
EV2_str	BOBJ1	224.96	Before	Right Exterior Girder	33.7	0.95	1	1	19.451251
EV2_str	BOBJ1	224.96	After	Left Exterior Girder	33.7	0.95	1	1	18.607045
EV2_str	BOBJ1	224.96	After	Interior Girder 1	33.7	0.95	1	1	14.5147

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Approach, Span 7-11									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
EV2_str	BOBJ1	224.96	After	Interior Girder 2	33.7	0.95	1	1	12.833803
EV2_str	BOBJ1	224.96	After	Interior Girder 3	33.7	0.95	1	1	10.807008
EV2_str	BOBJ1	224.96	After	Interior Girder 4	33.7	0.95	1	1	10.807008
EV2_str	BOBJ1	224.96	After	Interior Girder 5	33.7	0.95	1	1	12.833803
EV2_str	BOBJ1	224.96	After	Interior Girder 6	33.7	0.95	1	1	14.5147
EV2_str	BOBJ1	224.96	After	Right Exterior Girder	33.7	0.95	1	1	18.607045
EV2_str	BOBJ1	233.385	Before	Left Exterior Girder	42.125	0.95	1	1	18.303509
EV2_str	BOBJ1	233.385	Before	Interior Girder 1	42.125	0.95	1	1	14.184802
EV2_str	BOBJ1	233.385	Before	Interior Girder 2	42.125	0.95	1	1	12.894796
EV2_str	BOBJ1	233.385	Before	Interior Girder 3	42.125	0.95	1	1	11.049129
EV2_str	BOBJ1	233.385	Before	Interior Girder 4	42.125	0.95	1	1	11.049129
EV2_str	BOBJ1	233.385	Before	Interior Girder 5	42.125	0.95	1	1	12.894796
EV2_str	BOBJ1	233.385	Before	Interior Girder 6	42.125	0.95	1	1	14.184802
EV2_str	BOBJ1	233.385	Before	Right Exterior Girder	42.125	0.95	1	1	18.303509
EV2_str	BOBJ1	233.385	After	Left Exterior Girder	42.125	0.95	1	1	14.486325
EV2_str	BOBJ1	233.385	After	Interior Girder 1	42.125	0.95	1	1	9.12385
EV2_str	BOBJ1	233.385	After	Interior Girder 2	42.125	0.95	1	1	8.514745
EV2_str	BOBJ1	233.385	After	Interior Girder 3	42.125	0.95	1	1	7.493057
EV2_str	BOBJ1	233.385	After	Interior Girder 4	42.125	0.95	1	1	7.493057
EV2_str	BOBJ1	233.385	After	Interior Girder 5	42.125	0.95	1	1	8.514745
EV2_str	BOBJ1	233.385	After	Interior Girder 6	42.125	0.95	1	1	9.12385
EV2_str	BOBJ1	233.385	After	Right Exterior Girder	42.125	0.95	1	1	14.486325
EV2_str	BOBJ1	241.81	Before	Left Exterior Girder	50.55	0.95	1	1	14.237974
EV2_str	BOBJ1	241.81	Before	Interior Girder 1	50.55	0.95	1	1	8.910203
EV2_str	BOBJ1	241.81	Before	Interior Girder 2	50.55	0.95	1	1	8.315833
EV2_str	BOBJ1	241.81	Before	Interior Girder 3	50.55	0.95	1	1	7.318132
EV2_str	BOBJ1	241.81	Before	Interior Girder 4	50.55	0.95	1	1	7.318132
EV2_str	BOBJ1	241.81	Before	Interior Girder 5	50.55	0.95	1	1	8.315833
EV2_str	BOBJ1	241.81	Before	Interior Girder 6	50.55	0.95	1	1	8.910203
EV2_str	BOBJ1	241.81	Before	Right Exterior Girder	50.55	0.95	1	1	14.237974
EV2_str	BOBJ1	241.81	After	Left Exterior Girder	50.55	0.95	1	1	9.252443
EV2_str	BOBJ1	241.81	After	Interior Girder 1	50.55	0.95	1	1	8.266767
EV2_str	BOBJ1	241.81	After	Interior Girder 2	50.55	0.95	1	1	7.590387
EV2_str	BOBJ1	241.81	After	Interior Girder 3	50.55	0.95	1	1	6.933535
EV2_str	BOBJ1	241.81	After	Interior Girder 4	50.55	0.95	1	1	6.933535
EV2_str	BOBJ1	241.81	After	Interior Girder 5	50.55	0.95	1	1	7.590387
EV2_str	BOBJ1	241.81	After	Interior Girder 6	50.55	0.95	1	1	8.266767
EV2_str	BOBJ1	241.81	After	Right Exterior Girder	50.55	0.95	1	1	9.252443
EV2_str	BOBJ1	245.18	Before	Left Exterior Girder	53.92	0.95	1	1	9.186138
EV2_str	BOBJ1	245.18	Before	Interior Girder 1	53.92	0.95	1	1	8.18691
EV2_str	BOBJ1	245.18	Before	Interior Girder 2	53.92	0.95	1	1	7.517842
EV2_str	BOBJ1	245.18	Before	Interior Girder 3	53.92	0.95	1	1	6.866209
EV2_str	BOBJ1	245.18	Before	Interior Girder 4	53.92	0.95	1	1	6.866209
EV2_str	BOBJ1	245.18	Before	Interior Girder 5	53.92	0.95	1	1	7.517842
EV2_str	BOBJ1	245.18	Before	Interior Girder 6	53.92	0.95	1	1	8.18691
EV2_str	BOBJ1	245.18	Before	Right Exterior Girder	53.92	0.95	1	1	9.186138
EV2_str	BOBJ1	245.18	After	Left Exterior Girder	53.92	0.95	1	1	9.782644
EV2_str	BOBJ1	245.18	After	Interior Girder 1	53.92	0.95	1	1	7.542105
EV2_str	BOBJ1	245.18	After	Interior Girder 2	53.92	0.95	1	1	6.947904
EV2_str	BOBJ1	245.18	After	Interior Girder 3	53.92	0.95	1	1	6.202446
EV2_str	BOBJ1	245.18	After	Interior Girder 4	53.92	0.95	1	1	6.202446
EV2_str	BOBJ1	245.18	After	Interior Girder 5	53.92	0.95	1	1	6.947904
EV2_str	BOBJ1	245.18	After	Interior Girder 6	53.92	0.95	1	1	7.542105
EV2_str	BOBJ1	245.18	After	Right Exterior Girder	53.92	0.95	1	1	9.782644
EV2_str	BOBJ1	250.245	Before	Left Exterior Girder	58.985	0.95	1	1	9.683687
EV2_str	BOBJ1	250.245	Before	Interior Girder 1	58.985	0.95	1	1	7.435182
EV2_str	BOBJ1	250.245	Before	Interior Girder 2	58.985	0.95	1	1	6.850377
EV2_str	BOBJ1	250.245	Before	Interior Girder 3	58.985	0.95	1	1	6.113916
EV2_str	BOBJ1	250.245	Before	Interior Girder 4	58.985	0.95	1	1	6.113916
EV2_str	BOBJ1	250.245	Before	Interior Girder 5	58.985	0.95	1	1	6.850377
EV2_str	BOBJ1	250.245	Before	Interior Girder 6	58.985	0.95	1	1	7.435182
EV2_str	BOBJ1	250.245	Before	Right Exterior Girder	58.985	0.95	1	1	9.683687
EV2_str	BOBJ1	250.245	After	Left Exterior Girder	58.985	0.95	1	1	8.045416
EV2_str	BOBJ1	250.245	After	Interior Girder 1	58.985	0.95	1	1	6.440414
EV2_str	BOBJ1	250.245	After	Interior Girder 2	58.985	0.95	1	1	5.700885

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Approach, Span 7-11									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
EV2_str	BOBJ1	250.245	After	Interior Girder 3	58.985	0.95	1	1	4.757944
EV2_str	BOBJ1	250.245	After	Interior Girder 4	58.985	0.95	1	1	4.757944
EV2_str	BOBJ1	250.245	After	Interior Girder 5	58.985	0.95	1	1	5.700885
EV2_str	BOBJ1	250.245	After	Interior Girder 6	58.985	0.95	1	1	6.440414
EV2_str	BOBJ1	250.245	After	Right Exterior Girder	58.985	0.95	1	1	8.045416
EV2_str	BOBJ1	251.68	Before	Left Exterior Girder	60.42	0.95	1	1	8.021385
EV2_str	BOBJ1	251.68	Before	Right Exterior Girder	60.42	0.95	1	1	8.021385
EV2_str	BOBJ1	251.68	After	Left Exterior Girder	60.42	0.95	1	1	7.509995
EV2_str	BOBJ1	251.68	After	Right Exterior Girder	60.42	0.95	1	1	7.509995
EV2_str	BOBJ1	254.18	Before	Interior Girder 1	62.92	0.95	1	1	5.910384
EV2_str	BOBJ1	254.18	Before	Interior Girder 2	62.92	0.95	1	1	5.637618
EV2_str	BOBJ1	254.18	Before	Interior Girder 3	62.92	0.95	1	1	4.704085
EV2_str	BOBJ1	254.18	Before	Interior Girder 4	62.92	0.95	1	1	4.704085
EV2_str	BOBJ1	254.18	Before	Interior Girder 5	62.92	0.95	1	1	5.637618
EV2_str	BOBJ1	254.18	Before	Interior Girder 6	62.92	0.95	1	1	5.910384
EV2_str	BOBJ1	254.18	After	Interior Girder 1	62.92	0.95	1	1	5.442261
EV2_str	BOBJ1	254.18	After	Interior Girder 2	62.92	0.95	1	1	5.006504
EV2_str	BOBJ1	254.18	After	Interior Girder 3	62.92	0.95	1	1	3.98295
EV2_str	BOBJ1	254.18	After	Interior Girder 4	62.92	0.95	1	1	3.98295
EV2_str	BOBJ1	254.18	After	Interior Girder 5	62.92	0.95	1	1	5.006504
EV2_str	BOBJ1	254.18	After	Interior Girder 6	62.92	0.95	1	1	5.442261
EV2_str	BOBJ1	258.68	Before	Left Exterior Girder	67.42	0.95	1	1	9.044134
EV2_str	BOBJ1	258.68	Before	Interior Girder 1	67.42	0.95	1	1	5.369914
EV2_str	BOBJ1	258.68	Before	Interior Girder 2	67.42	0.95	1	1	4.940597
EV2_str	BOBJ1	258.68	Before	Interior Girder 3	67.42	0.95	1	1	3.92922
EV2_str	BOBJ1	258.68	Before	Interior Girder 4	67.42	0.95	1	1	3.92922
EV2_str	BOBJ1	258.68	Before	Interior Girder 5	67.42	0.95	1	1	4.940597
EV2_str	BOBJ1	258.68	Before	Interior Girder 6	67.42	0.95	1	1	5.369914
EV2_str	BOBJ1	258.68	Before	Right Exterior Girder	67.42	0.95	1	1	9.044134
EV2_str	BOBJ1	258.68	After	Left Exterior Girder	0	0.95	1	1	9.45818
EV2_str	BOBJ1	258.68	After	Interior Girder 1	0	0.95	1	1	5.292497
EV2_str	BOBJ1	258.68	After	Interior Girder 2	0	0.95	1	1	4.858817
EV2_str	BOBJ1	258.68	After	Interior Girder 3	0	0.95	1	1	3.870166
EV2_str	BOBJ1	258.68	After	Interior Girder 4	0	0.95	1	1	3.870166
EV2_str	BOBJ1	258.68	After	Interior Girder 5	0	0.95	1	1	4.858817
EV2_str	BOBJ1	258.68	After	Interior Girder 6	0	0.95	1	1	5.292497
EV2_str	BOBJ1	258.68	After	Right Exterior Girder	0	0.95	1	1	9.45818
EV2_str	BOBJ1	263.18	Before	Interior Girder 1	4.5	0.95	1	1	5.364206
EV2_str	BOBJ1	263.18	Before	Interior Girder 2	4.5	0.95	1	1	4.924018
EV2_str	BOBJ1	263.18	Before	Interior Girder 3	4.5	0.95	1	1	3.923323
EV2_str	BOBJ1	263.18	Before	Interior Girder 4	4.5	0.95	1	1	3.923323
EV2_str	BOBJ1	263.18	Before	Interior Girder 5	4.5	0.95	1	1	4.924018
EV2_str	BOBJ1	263.18	Before	Interior Girder 6	4.5	0.95	1	1	5.364206
EV2_str	BOBJ1	263.18	After	Interior Girder 1	4.5	0.95	1	1	6.010504
EV2_str	BOBJ1	263.18	After	Interior Girder 2	4.5	0.95	1	1	5.67757
EV2_str	BOBJ1	263.18	After	Interior Girder 3	4.5	0.95	1	1	4.761513
EV2_str	BOBJ1	263.18	After	Interior Girder 4	4.5	0.95	1	1	4.761513
EV2_str	BOBJ1	263.18	After	Interior Girder 5	4.5	0.95	1	1	5.67757
EV2_str	BOBJ1	263.18	After	Interior Girder 6	4.5	0.95	1	1	6.010504
EV2_str	BOBJ1	265.68	Before	Left Exterior Girder	7	0.95	1	1	7.996779
EV2_str	BOBJ1	265.68	Before	Right Exterior Girder	7	0.95	1	1	7.996779
EV2_str	BOBJ1	265.68	After	Left Exterior Girder	7	0.95	1	1	9.120466
EV2_str	BOBJ1	265.68	After	Right Exterior Girder	7	0.95	1	1	9.120466
EV2_str	BOBJ1	268.08	Before	Left Exterior Girder	9.4	0.95	1	1	9.166277
EV2_str	BOBJ1	268.08	Before	Interior Girder 1	9.4	0.95	1	1	6.406115
EV2_str	BOBJ1	268.08	Before	Interior Girder 2	9.4	0.95	1	1	5.757353
EV2_str	BOBJ1	268.08	Before	Interior Girder 3	9.4	0.95	1	1	4.829642
EV2_str	BOBJ1	268.08	Before	Interior Girder 4	9.4	0.95	1	1	4.829642
EV2_str	BOBJ1	268.08	Before	Interior Girder 5	9.4	0.95	1	1	5.757353
EV2_str	BOBJ1	268.08	Before	Interior Girder 6	9.4	0.95	1	1	6.406115
EV2_str	BOBJ1	268.08	Before	Right Exterior Girder	9.4	0.95	1	1	9.166277
EV2_str	BOBJ1	268.08	After	Left Exterior Girder	9.4	0.95	1	1	10.779622
EV2_str	BOBJ1	268.08	After	Interior Girder 1	9.4	0.95	1	1	9.150948
EV2_str	BOBJ1	268.08	After	Interior Girder 2	9.4	0.95	1	1	8.255534
EV2_str	BOBJ1	268.08	After	Interior Girder 3	9.4	0.95	1	1	7.653754

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Approach, Span 7-11									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
EV2_str	BOBJ1	268.08	After	Interior Girder 4	9.4	0.95	1	1	7.653754
EV2_str	BOBJ1	268.08	After	Interior Girder 5	9.4	0.95	1	1	8.255534
EV2_str	BOBJ1	268.08	After	Interior Girder 6	9.4	0.95	1	1	9.150948
EV2_str	BOBJ1	268.08	After	Right Exterior Girder	9.4	0.95	1	1	10.779622
EV2_str	BOBJ1	277.48	Before	Left Exterior Girder	18.8	0.95	1	1	10.9827
EV2_str	BOBJ1	277.48	Before	Interior Girder 1	18.8	0.95	1	1	9.395374
EV2_str	BOBJ1	277.48	Before	Interior Girder 2	18.8	0.95	1	1	8.473804
EV2_str	BOBJ1	277.48	Before	Interior Girder 3	18.8	0.95	1	1	7.858869
EV2_str	BOBJ1	277.48	Before	Interior Girder 4	18.8	0.95	1	1	7.858869
EV2_str	BOBJ1	277.48	Before	Interior Girder 5	18.8	0.95	1	1	8.473804
EV2_str	BOBJ1	277.48	Before	Interior Girder 6	18.8	0.95	1	1	9.395374
EV2_str	BOBJ1	277.48	Before	Right Exterior Girder	18.8	0.95	1	1	10.9827
EV2_str	BOBJ1	277.48	After	Left Exterior Girder	18.8	0.95	1	1	19.046367
EV2_str	BOBJ1	277.48	After	Interior Girder 1	18.8	0.95	1	1	10.318359
EV2_str	BOBJ1	277.48	After	Interior Girder 2	18.8	0.95	1	1	9.36359
EV2_str	BOBJ1	277.48	After	Interior Girder 3	18.8	0.95	1	1	8.093647
EV2_str	BOBJ1	277.48	After	Interior Girder 4	18.8	0.95	1	1	8.093647
EV2_str	BOBJ1	277.48	After	Interior Girder 5	18.8	0.95	1	1	9.36359
EV2_str	BOBJ1	277.48	After	Interior Girder 6	18.8	0.95	1	1	10.318359
EV2_str	BOBJ1	277.48	After	Right Exterior Girder	18.8	0.95	1	1	19.046367
EV2_str	BOBJ1	286.88	Before	Left Exterior Girder	28.2	0.95	1	1	19.386678
EV2_str	BOBJ1	286.88	Before	Interior Girder 1	28.2	0.95	1	1	10.583599
EV2_str	BOBJ1	286.88	Before	Interior Girder 2	28.2	0.95	1	1	9.603964
EV2_str	BOBJ1	286.88	Before	Interior Girder 3	28.2	0.95	1	1	8.30117
EV2_str	BOBJ1	286.88	Before	Interior Girder 4	28.2	0.95	1	1	8.30117
EV2_str	BOBJ1	286.88	Before	Interior Girder 5	28.2	0.95	1	1	9.603964
EV2_str	BOBJ1	286.88	Before	Interior Girder 6	28.2	0.95	1	1	10.583599
EV2_str	BOBJ1	286.88	Before	Right Exterior Girder	28.2	0.95	1	1	19.386678
EV2_str	BOBJ1	286.88	After	Left Exterior Girder	28.2	0.95	1	1	30.826429
EV2_str	BOBJ1	286.88	After	Interior Girder 1	28.2	0.95	1	1	14.716162
EV2_str	BOBJ1	286.88	After	Interior Girder 2	28.2	0.95	1	1	12.976537
EV2_str	BOBJ1	286.88	After	Interior Girder 3	28.2	0.95	1	1	10.967909
EV2_str	BOBJ1	286.88	After	Interior Girder 4	28.2	0.95	1	1	10.967909
EV2_str	BOBJ1	286.88	After	Interior Girder 5	28.2	0.95	1	1	12.976537
EV2_str	BOBJ1	286.88	After	Interior Girder 6	28.2	0.95	1	1	14.716162
EV2_str	BOBJ1	286.88	After	Right Exterior Girder	28.2	0.95	1	1	30.826429
EV2_str	BOBJ1	296.28	Before	Left Exterior Girder	37.6	0.95	1	1	31.350124
EV2_str	BOBJ1	296.28	Before	Interior Girder 1	37.6	0.95	1	1	14.366968
EV2_str	BOBJ1	296.28	Before	Interior Girder 2	37.6	0.95	1	1	12.667507
EV2_str	BOBJ1	296.28	Before	Interior Girder 3	37.6	0.95	1	1	10.706482
EV2_str	BOBJ1	296.28	Before	Interior Girder 4	37.6	0.95	1	1	10.706482
EV2_str	BOBJ1	296.28	Before	Interior Girder 5	37.6	0.95	1	1	12.667507
EV2_str	BOBJ1	296.28	Before	Interior Girder 6	37.6	0.95	1	1	14.366968
EV2_str	BOBJ1	296.28	Before	Right Exterior Girder	37.6	0.95	1	1	31.350124
EV2_str	BOBJ1	296.28	After	Left Exterior Girder	37.6	0.95	1	1	16.101152
EV2_str	BOBJ1	296.28	After	Interior Girder 1	37.6	0.95	1	1	13.57711
EV2_str	BOBJ1	296.28	After	Interior Girder 2	37.6	0.95	1	1	12.210776
EV2_str	BOBJ1	296.28	After	Interior Girder 3	37.6	0.95	1	1	11.841402
EV2_str	BOBJ1	296.28	After	Interior Girder 4	37.6	0.95	1	1	11.841402
EV2_str	BOBJ1	296.28	After	Interior Girder 5	37.6	0.95	1	1	12.210776
EV2_str	BOBJ1	296.28	After	Interior Girder 6	37.6	0.95	1	1	13.57711
EV2_str	BOBJ1	296.28	After	Right Exterior Girder	37.6	0.95	1	1	16.101152
EV2_str	BOBJ1	305.69	Before	Left Exterior Girder	47.01	0.95	1	1	15.825584
EV2_str	BOBJ1	305.69	Before	Interior Girder 1	47.01	0.95	1	1	13.240501
EV2_str	BOBJ1	305.69	Before	Interior Girder 2	47.01	0.95	1	1	11.909795
EV2_str	BOBJ1	305.69	Before	Interior Girder 3	47.01	0.95	1	1	11.548909
EV2_str	BOBJ1	305.69	Before	Interior Girder 4	47.01	0.95	1	1	11.548909
EV2_str	BOBJ1	305.69	Before	Interior Girder 5	47.01	0.95	1	1	11.909795
EV2_str	BOBJ1	305.69	Before	Interior Girder 6	47.01	0.95	1	1	13.240501
EV2_str	BOBJ1	305.69	Before	Right Exterior Girder	47.01	0.95	1	1	15.825584
EV2_str	BOBJ1	305.69	After	Left Exterior Girder	47.01	0.95	1	1	12.362808
EV2_str	BOBJ1	305.69	After	Interior Girder 1	47.01	0.95	1	1	8.061434
EV2_str	BOBJ1	305.69	After	Interior Girder 2	47.01	0.95	1	1	7.456969
EV2_str	BOBJ1	305.69	After	Interior Girder 3	47.01	0.95	1	1	6.716154
EV2_str	BOBJ1	305.69	After	Interior Girder 4	47.01	0.95	1	1	6.716154

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Approach, Span 7-11									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
EV2_str	BOBJ1	305.69	After	Interior Girder 5	47.01	0.95	1	1	7.456969
EV2_str	BOBJ1	305.69	After	Interior Girder 6	47.01	0.95	1	1	8.061434
EV2_str	BOBJ1	305.69	After	Right Exterior Girder	47.01	0.95	1	1	12.362808
EV2_str	BOBJ1	315.1	Before	Left Exterior Girder	56.42	0.95	1	1	12.140036
EV2_str	BOBJ1	315.1	Before	Interior Girder 1	56.42	0.95	1	1	7.855093
EV2_str	BOBJ1	315.1	Before	Interior Girder 2	56.42	0.95	1	1	7.266786
EV2_str	BOBJ1	315.1	Before	Interior Girder 3	56.42	0.95	1	1	6.544282
EV2_str	BOBJ1	315.1	Before	Interior Girder 4	56.42	0.95	1	1	6.544282
EV2_str	BOBJ1	315.1	Before	Interior Girder 5	56.42	0.95	1	1	7.266786
EV2_str	BOBJ1	315.1	Before	Interior Girder 6	56.42	0.95	1	1	7.855093
EV2_str	BOBJ1	315.1	Before	Right Exterior Girder	56.42	0.95	1	1	12.140036
EV3_str	BOBJ1	0	After	Left Exterior Girder	0	0.95	1	1	8.088874
EV3_str	BOBJ1	0	After	Interior Girder 1	0	0.95	1	1	5.252375
EV3_str	BOBJ1	0	After	Interior Girder 2	0	0.95	1	1	4.845702
EV3_str	BOBJ1	0	After	Interior Girder 3	0	0.95	1	1	4.385491
EV3_str	BOBJ1	0	After	Interior Girder 4	0	0.95	1	1	4.385491
EV3_str	BOBJ1	0	After	Interior Girder 5	0	0.95	1	1	4.845702
EV3_str	BOBJ1	0	After	Interior Girder 6	0	0.95	1	1	5.252375
EV3_str	BOBJ1	0	After	Right Exterior Girder	0	0.95	1	1	8.088874
EV3_str	BOBJ1	9.4	Before	Left Exterior Girder	9.4	0.95	1	1	8.23696
EV3_str	BOBJ1	9.4	Before	Interior Girder 1	9.4	0.95	1	1	5.390221
EV3_str	BOBJ1	9.4	Before	Interior Girder 2	9.4	0.95	1	1	4.972366
EV3_str	BOBJ1	9.4	Before	Interior Girder 3	9.4	0.95	1	1	4.500493
EV3_str	BOBJ1	9.4	Before	Interior Girder 4	9.4	0.95	1	1	4.500493
EV3_str	BOBJ1	9.4	Before	Interior Girder 5	9.4	0.95	1	1	4.972366
EV3_str	BOBJ1	9.4	Before	Interior Girder 6	9.4	0.95	1	1	5.390221
EV3_str	BOBJ1	9.4	Before	Right Exterior Girder	9.4	0.95	1	1	8.23696
EV3_str	BOBJ1	9.4	After	Left Exterior Girder	9.4	0.95	1	1	10.5452
EV3_str	BOBJ1	9.4	After	Interior Girder 1	9.4	0.95	1	1	8.84057
EV3_str	BOBJ1	9.4	After	Interior Girder 2	9.4	0.95	1	1	7.95022
EV3_str	BOBJ1	9.4	After	Interior Girder 3	9.4	0.95	1	1	7.71861
EV3_str	BOBJ1	9.4	After	Interior Girder 4	9.4	0.95	1	1	7.71861
EV3_str	BOBJ1	9.4	After	Interior Girder 5	9.4	0.95	1	1	7.95022
EV3_str	BOBJ1	9.4	After	Interior Girder 6	9.4	0.95	1	1	8.84057
EV3_str	BOBJ1	9.4	After	Right Exterior Girder	9.4	0.95	1	1	10.5452
EV3_str	BOBJ1	18.8	Before	Left Exterior Girder	18.8	0.95	1	1	10.728426
EV3_str	BOBJ1	18.8	Before	Interior Girder 1	18.8	0.95	1	1	9.065102
EV3_str	BOBJ1	18.8	Before	Interior Girder 2	18.8	0.95	1	1	8.150897
EV3_str	BOBJ1	18.8	Before	Interior Girder 3	18.8	0.95	1	1	7.913817
EV3_str	BOBJ1	18.8	Before	Interior Girder 4	18.8	0.95	1	1	7.913817
EV3_str	BOBJ1	18.8	Before	Interior Girder 5	18.8	0.95	1	1	8.150897
EV3_str	BOBJ1	18.8	Before	Interior Girder 6	18.8	0.95	1	1	9.065102
EV3_str	BOBJ1	18.8	Before	Right Exterior Girder	18.8	0.95	1	1	10.728426
EV3_str	BOBJ1	18.8	After	Left Exterior Girder	18.8	0.95	1	1	20.836704
EV3_str	BOBJ1	18.8	After	Interior Girder 1	18.8	0.95	1	1	9.617688
EV3_str	BOBJ1	18.8	After	Interior Girder 2	18.8	0.95	1	1	8.482602
EV3_str	BOBJ1	18.8	After	Interior Girder 3	18.8	0.95	1	1	7.178652
EV3_str	BOBJ1	18.8	After	Interior Girder 4	18.8	0.95	1	1	7.178652
EV3_str	BOBJ1	18.8	After	Interior Girder 5	18.8	0.95	1	1	8.482602
EV3_str	BOBJ1	18.8	After	Interior Girder 6	18.8	0.95	1	1	9.617688
EV3_str	BOBJ1	18.8	After	Right Exterior Girder	18.8	0.95	1	1	20.836704
EV3_str	BOBJ1	28.2	Before	Left Exterior Girder	28.2	0.95	1	1	20.488435
EV3_str	BOBJ1	28.2	Before	Interior Girder 1	28.2	0.95	1	1	9.851349
EV3_str	BOBJ1	28.2	Before	Interior Girder 2	28.2	0.95	1	1	8.689494
EV3_str	BOBJ1	28.2	Before	Interior Girder 3	28.2	0.95	1	1	7.353916
EV3_str	BOBJ1	28.2	Before	Interior Girder 4	28.2	0.95	1	1	7.353916
EV3_str	BOBJ1	28.2	Before	Interior Girder 5	28.2	0.95	1	1	8.689494
EV3_str	BOBJ1	28.2	Before	Interior Girder 6	28.2	0.95	1	1	9.851349
EV3_str	BOBJ1	28.2	Before	Right Exterior Girder	28.2	0.95	1	1	20.488435
EV3_str	BOBJ1	28.2	After	Left Exterior Girder	28.2	0.95	1	1	12.880727
EV3_str	BOBJ1	28.2	After	Interior Girder 1	28.2	0.95	1	1	7.070906
EV3_str	BOBJ1	28.2	After	Interior Girder 2	28.2	0.95	1	1	6.422103
EV3_str	BOBJ1	28.2	After	Interior Girder 3	28.2	0.95	1	1	5.559799
EV3_str	BOBJ1	28.2	After	Interior Girder 4	28.2	0.95	1	1	5.559799
EV3_str	BOBJ1	28.2	After	Interior Girder 5	28.2	0.95	1	1	6.422103

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Approach, Span 7-11									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
EV3_str	BOBJ1	28.2	After	Interior Girder 6	28.2	0.95	1	1	7.070906
EV3_str	BOBJ1	28.2	After	Right Exterior Girder	28.2	0.95	1	1	12.880727
EV3_str	BOBJ1	37.6	Before	Left Exterior Girder	37.6	0.95	1	1	12.654487
EV3_str	BOBJ1	37.6	Before	Interior Girder 1	37.6	0.95	1	1	6.89362
EV3_str	BOBJ1	37.6	Before	Interior Girder 2	37.6	0.95	1	1	6.261328
EV3_str	BOBJ1	37.6	Before	Interior Girder 3	37.6	0.95	1	1	5.420793
EV3_str	BOBJ1	37.6	Before	Interior Girder 4	37.6	0.95	1	1	5.420793
EV3_str	BOBJ1	37.6	Before	Interior Girder 5	37.6	0.95	1	1	6.261328
EV3_str	BOBJ1	37.6	Before	Interior Girder 6	37.6	0.95	1	1	6.89362
EV3_str	BOBJ1	37.6	Before	Right Exterior Girder	37.6	0.95	1	1	12.654487
EV3_str	BOBJ1	37.6	After	Left Exterior Girder	37.6	0.95	1	1	7.317689
EV3_str	BOBJ1	37.6	After	Interior Girder 1	37.6	0.95	1	1	6.267943
EV3_str	BOBJ1	37.6	After	Interior Girder 2	37.6	0.95	1	1	5.651452
EV3_str	BOBJ1	37.6	After	Interior Girder 3	37.6	0.95	1	1	5.251073
EV3_str	BOBJ1	37.6	After	Interior Girder 4	37.6	0.95	1	1	5.251073
EV3_str	BOBJ1	37.6	After	Interior Girder 5	37.6	0.95	1	1	5.651452
EV3_str	BOBJ1	37.6	After	Interior Girder 6	37.6	0.95	1	1	6.267943
EV3_str	BOBJ1	37.6	After	Right Exterior Girder	37.6	0.95	1	1	7.317689
EV3_str	BOBJ1	47.01	Before	Left Exterior Girder	47.01	0.95	1	1	7.182179
EV3_str	BOBJ1	47.01	Before	Interior Girder 1	47.01	0.95	1	1	6.104604
EV3_str	BOBJ1	47.01	Before	Interior Girder 2	47.01	0.95	1	1	5.505671
EV3_str	BOBJ1	47.01	Before	Interior Girder 3	47.01	0.95	1	1	5.113864
EV3_str	BOBJ1	47.01	Before	Interior Girder 4	47.01	0.95	1	1	5.113864
EV3_str	BOBJ1	47.01	Before	Interior Girder 5	47.01	0.95	1	1	5.505671
EV3_str	BOBJ1	47.01	Before	Interior Girder 6	47.01	0.95	1	1	6.104604
EV3_str	BOBJ1	47.01	Before	Right Exterior Girder	47.01	0.95	1	1	7.182179
EV3_str	BOBJ1	47.01	After	Left Exterior Girder	47.01	0.95	1	1	5.979395
EV3_str	BOBJ1	47.01	After	Interior Girder 1	47.01	0.95	1	1	4.281754
EV3_str	BOBJ1	47.01	After	Interior Girder 2	47.01	0.95	1	1	3.844175
EV3_str	BOBJ1	47.01	After	Interior Girder 3	47.01	0.95	1	1	3.233002
EV3_str	BOBJ1	47.01	After	Interior Girder 4	47.01	0.95	1	1	3.233002
EV3_str	BOBJ1	47.01	After	Interior Girder 5	47.01	0.95	1	1	3.844175
EV3_str	BOBJ1	47.01	After	Interior Girder 6	47.01	0.95	1	1	4.281754
EV3_str	BOBJ1	47.01	After	Right Exterior Girder	47.01	0.95	1	1	5.979395
EV3_str	BOBJ1	49.42	Before	Left Exterior Girder	49.42	0.95	1	1	5.949375
EV3_str	BOBJ1	49.42	Before	Right Exterior Girder	49.42	0.95	1	1	5.949375
EV3_str	BOBJ1	49.42	After	Left Exterior Girder	49.42	0.95	1	1	5.462486
EV3_str	BOBJ1	49.42	After	Right Exterior Girder	49.42	0.95	1	1	5.462486
EV3_str	BOBJ1	51.92	Before	Interior Girder 1	51.92	0.95	1	1	4.017708
EV3_str	BOBJ1	51.92	Before	Interior Girder 2	51.92	0.95	1	1	3.790774
EV3_str	BOBJ1	51.92	Before	Interior Girder 3	51.92	0.95	1	1	3.187298
EV3_str	BOBJ1	51.92	Before	Interior Girder 4	51.92	0.95	1	1	3.187298
EV3_str	BOBJ1	51.92	Before	Interior Girder 5	51.92	0.95	1	1	3.790774
EV3_str	BOBJ1	51.92	Before	Interior Girder 6	51.92	0.95	1	1	4.017708
EV3_str	BOBJ1	51.92	After	Interior Girder 1	51.92	0.95	1	1	3.483309
EV3_str	BOBJ1	51.92	After	Interior Girder 2	51.92	0.95	1	1	3.226027
EV3_str	BOBJ1	51.92	After	Interior Girder 3	51.92	0.95	1	1	2.573453
EV3_str	BOBJ1	51.92	After	Interior Girder 4	51.92	0.95	1	1	2.573453
EV3_str	BOBJ1	51.92	After	Interior Girder 5	51.92	0.95	1	1	3.226027
EV3_str	BOBJ1	51.92	After	Interior Girder 6	51.92	0.95	1	1	3.483309
EV3_str	BOBJ1	56.42	Before	Left Exterior Girder	56.42	0.95	1	1	6.274484
EV3_str	BOBJ1	56.42	Before	Interior Girder 1	56.42	0.95	1	1	3.436711
EV3_str	BOBJ1	56.42	Before	Interior Girder 2	56.42	0.95	1	1	3.18329
EV3_str	BOBJ1	56.42	Before	Interior Girder 3	56.42	0.95	1	1	2.53858
EV3_str	BOBJ1	56.42	Before	Interior Girder 4	56.42	0.95	1	1	2.53858
EV3_str	BOBJ1	56.42	Before	Interior Girder 5	56.42	0.95	1	1	3.18329
EV3_str	BOBJ1	56.42	Before	Interior Girder 6	56.42	0.95	1	1	3.436711
EV3_str	BOBJ1	56.42	Before	Right Exterior Girder	56.42	0.95	1	1	6.274484
EV3_str	BOBJ1	56.42	After	Left Exterior Girder	0	0.95	1	1	5.949904
EV3_str	BOBJ1	56.42	After	Interior Girder 1	0	0.95	1	1	3.482841
EV3_str	BOBJ1	56.42	After	Interior Girder 2	0	0.95	1	1	3.256342
EV3_str	BOBJ1	56.42	After	Interior Girder 3	0	0.95	1	1	2.593413
EV3_str	BOBJ1	56.42	After	Interior Girder 4	0	0.95	1	1	2.593413
EV3_str	BOBJ1	56.42	After	Interior Girder 5	0	0.95	1	1	3.256342
EV3_str	BOBJ1	56.42	After	Interior Girder 6	0	0.95	1	1	3.482841

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Approach, Span 7-11									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
EV3_str	BOBJ1	56.42	After	Right Exterior Girder	0	0.95	1	1	5.949904
EV3_str	BOBJ1	60.92	Before	Interior Girder 1	4.5	0.95	1	1	3.529763
EV3_str	BOBJ1	60.92	Before	Interior Girder 2	4.5	0.95	1	1	3.299777
EV3_str	BOBJ1	60.92	Before	Interior Girder 3	4.5	0.95	1	1	2.628881
EV3_str	BOBJ1	60.92	Before	Interior Girder 4	4.5	0.95	1	1	2.628881
EV3_str	BOBJ1	60.92	Before	Interior Girder 5	4.5	0.95	1	1	3.299777
EV3_str	BOBJ1	60.92	Before	Interior Girder 6	4.5	0.95	1	1	3.529763
EV3_str	BOBJ1	60.92	After	Interior Girder 1	4.5	0.95	1	1	3.977994
EV3_str	BOBJ1	60.92	After	Interior Girder 2	4.5	0.95	1	1	3.762316
EV3_str	BOBJ1	60.92	After	Interior Girder 3	4.5	0.95	1	1	3.15473
EV3_str	BOBJ1	60.92	After	Interior Girder 4	4.5	0.95	1	1	3.15473
EV3_str	BOBJ1	60.92	After	Interior Girder 5	4.5	0.95	1	1	3.762316
EV3_str	BOBJ1	60.92	After	Interior Girder 6	4.5	0.95	1	1	3.977994
EV3_str	BOBJ1	63.42	Before	Left Exterior Girder	7	0.95	1	1	5.060825
EV3_str	BOBJ1	63.42	Before	Right Exterior Girder	7	0.95	1	1	5.060825
EV3_str	BOBJ1	63.42	After	Left Exterior Girder	7	0.95	1	1	5.301829
EV3_str	BOBJ1	63.42	After	Right Exterior Girder	7	0.95	1	1	5.301829
EV3_str	BOBJ1	64.845	Before	Left Exterior Girder	8.425	0.95	1	1	5.317612
EV3_str	BOBJ1	64.845	Before	Interior Girder 1	8.425	0.95	1	1	4.362974
EV3_str	BOBJ1	64.845	Before	Interior Girder 2	8.425	0.95	1	1	3.804427
EV3_str	BOBJ1	64.845	Before	Interior Girder 3	8.425	0.95	1	1	3.190762
EV3_str	BOBJ1	64.845	Before	Interior Girder 4	8.425	0.95	1	1	3.190762
EV3_str	BOBJ1	64.845	Before	Interior Girder 5	8.425	0.95	1	1	3.804427
EV3_str	BOBJ1	64.845	Before	Interior Girder 6	8.425	0.95	1	1	4.362974
EV3_str	BOBJ1	64.845	Before	Right Exterior Girder	8.425	0.95	1	1	5.317612
EV3_str	BOBJ1	64.845	After	Left Exterior Girder	8.425	0.95	1	1	6.391863
EV3_str	BOBJ1	64.845	After	Interior Girder 1	8.425	0.95	1	1	4.991067
EV3_str	BOBJ1	64.845	After	Interior Girder 2	8.425	0.95	1	1	4.602961
EV3_str	BOBJ1	64.845	After	Interior Girder 3	8.425	0.95	1	1	4.127974
EV3_str	BOBJ1	64.845	After	Interior Girder 4	8.425	0.95	1	1	4.127974
EV3_str	BOBJ1	64.845	After	Interior Girder 5	8.425	0.95	1	1	4.602961
EV3_str	BOBJ1	64.845	After	Interior Girder 6	8.425	0.95	1	1	4.991067
EV3_str	BOBJ1	64.845	After	Right Exterior Girder	8.425	0.95	1	1	6.391863
EV3_str	BOBJ1	69.92	Before	Left Exterior Girder	13.5	0.95	1	1	6.457338
EV3_str	BOBJ1	69.92	Before	Interior Girder 1	13.5	0.95	1	1	5.062986
EV3_str	BOBJ1	69.92	Before	Interior Girder 2	13.5	0.95	1	1	4.668619
EV3_str	BOBJ1	69.92	Before	Interior Girder 3	13.5	0.95	1	1	4.187874
EV3_str	BOBJ1	69.92	Before	Interior Girder 4	13.5	0.95	1	1	4.187874
EV3_str	BOBJ1	69.92	Before	Interior Girder 5	13.5	0.95	1	1	4.668619
EV3_str	BOBJ1	69.92	Before	Interior Girder 6	13.5	0.95	1	1	5.062986
EV3_str	BOBJ1	69.92	Before	Right Exterior Girder	13.5	0.95	1	1	6.457338
EV3_str	BOBJ1	69.92	After	Left Exterior Girder	13.5	0.95	1	1	6.101196
EV3_str	BOBJ1	69.92	After	Interior Girder 1	13.5	0.95	1	1	5.45503
EV3_str	BOBJ1	69.92	After	Interior Girder 2	13.5	0.95	1	1	5.009154
EV3_str	BOBJ1	69.92	After	Interior Girder 3	13.5	0.95	1	1	4.580837
EV3_str	BOBJ1	69.92	After	Interior Girder 4	13.5	0.95	1	1	4.580837
EV3_str	BOBJ1	69.92	After	Interior Girder 5	13.5	0.95	1	1	5.009154
EV3_str	BOBJ1	69.92	After	Interior Girder 6	13.5	0.95	1	1	5.45503
EV3_str	BOBJ1	69.92	After	Right Exterior Girder	13.5	0.95	1	1	6.101196
EV3_str	BOBJ1	73.27	Before	Left Exterior Girder	16.85	0.95	1	1	6.144995
EV3_str	BOBJ1	73.27	Before	Interior Girder 1	16.85	0.95	1	1	5.507924
EV3_str	BOBJ1	73.27	Before	Interior Girder 2	16.85	0.95	1	1	5.057202
EV3_str	BOBJ1	73.27	Before	Interior Girder 3	16.85	0.95	1	1	4.625493
EV3_str	BOBJ1	73.27	Before	Interior Girder 4	16.85	0.95	1	1	4.625493
EV3_str	BOBJ1	73.27	Before	Interior Girder 5	16.85	0.95	1	1	5.057202
EV3_str	BOBJ1	73.27	Before	Interior Girder 6	16.85	0.95	1	1	5.507924
EV3_str	BOBJ1	73.27	Before	Right Exterior Girder	16.85	0.95	1	1	6.144995
EV3_str	BOBJ1	73.27	After	Left Exterior Girder	16.85	0.95	1	1	9.442035
EV3_str	BOBJ1	73.27	After	Interior Girder 1	16.85	0.95	1	1	5.964373
EV3_str	BOBJ1	73.27	After	Interior Girder 2	16.85	0.95	1	1	5.542966
EV3_str	BOBJ1	73.27	After	Interior Girder 3	16.85	0.95	1	1	4.917717
EV3_str	BOBJ1	73.27	After	Interior Girder 4	16.85	0.95	1	1	4.917717
EV3_str	BOBJ1	73.27	After	Interior Girder 5	16.85	0.95	1	1	5.542966
EV3_str	BOBJ1	73.27	After	Interior Girder 6	16.85	0.95	1	1	5.964373
EV3_str	BOBJ1	73.27	After	Right Exterior Girder	16.85	0.95	1	1	9.442035

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Approach, Span 7-11									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
EV3_str	BOBJ1	81.695	Before	Left Exterior Girder	25.275	0.95	1	1	9.606796
EV3_str	BOBJ1	81.695	Before	Interior Girder 1	25.275	0.95	1	1	6.107411
EV3_str	BOBJ1	81.695	Before	Interior Girder 2	25.275	0.95	1	1	5.675566
EV3_str	BOBJ1	81.695	Before	Interior Girder 3	25.275	0.95	1	1	5.035279
EV3_str	BOBJ1	81.695	Before	Interior Girder 4	25.275	0.95	1	1	5.035279
EV3_str	BOBJ1	81.695	Before	Interior Girder 5	25.275	0.95	1	1	5.675566
EV3_str	BOBJ1	81.695	Before	Interior Girder 6	25.275	0.95	1	1	6.107411
EV3_str	BOBJ1	81.695	Before	Right Exterior Girder	25.275	0.95	1	1	9.606796
EV3_str	BOBJ1	81.695	After	Left Exterior Girder	25.275	0.95	1	1	12.169244
EV3_str	BOBJ1	81.695	After	Interior Girder 1	25.275	0.95	1	1	9.46347
EV3_str	BOBJ1	81.695	After	Interior Girder 2	25.275	0.95	1	1	8.597317
EV3_str	BOBJ1	81.695	After	Interior Girder 3	25.275	0.95	1	1	7.420199
EV3_str	BOBJ1	81.695	After	Interior Girder 4	25.275	0.95	1	1	7.420199
EV3_str	BOBJ1	81.695	After	Interior Girder 5	25.275	0.95	1	1	8.597317
EV3_str	BOBJ1	81.695	After	Interior Girder 6	25.275	0.95	1	1	9.46347
EV3_str	BOBJ1	81.695	After	Right Exterior Girder	25.275	0.95	1	1	12.169244
EV3_str	BOBJ1	90.12	Before	Left Exterior Girder	33.7	0.95	1	1	12.371127
EV3_str	BOBJ1	90.12	Before	Interior Girder 1	33.7	0.95	1	1	9.683604
EV3_str	BOBJ1	90.12	Before	Interior Girder 2	33.7	0.95	1	1	8.606937
EV3_str	BOBJ1	90.12	Before	Interior Girder 3	33.7	0.95	1	1	7.257616
EV3_str	BOBJ1	90.12	Before	Interior Girder 4	33.7	0.95	1	1	7.257616
EV3_str	BOBJ1	90.12	Before	Interior Girder 5	33.7	0.95	1	1	8.606937
EV3_str	BOBJ1	90.12	Before	Interior Girder 6	33.7	0.95	1	1	9.683604
EV3_str	BOBJ1	90.12	Before	Right Exterior Girder	33.7	0.95	1	1	12.371127
EV3_str	BOBJ1	90.12	After	Left Exterior Girder	33.7	0.95	1	1	12.979569
EV3_str	BOBJ1	90.12	After	Interior Girder 1	33.7	0.95	1	1	9.901795
EV3_str	BOBJ1	90.12	After	Interior Girder 2	33.7	0.95	1	1	8.564552
EV3_str	BOBJ1	90.12	After	Interior Girder 3	33.7	0.95	1	1	7.223999
EV3_str	BOBJ1	90.12	After	Interior Girder 4	33.7	0.95	1	1	7.223999
EV3_str	BOBJ1	90.12	After	Interior Girder 5	33.7	0.95	1	1	8.564552
EV3_str	BOBJ1	90.12	After	Interior Girder 6	33.7	0.95	1	1	9.901795
EV3_str	BOBJ1	90.12	After	Right Exterior Girder	33.7	0.95	1	1	12.979569
EV3_str	BOBJ1	98.545	Before	Left Exterior Girder	42.125	0.95	1	1	12.768414
EV3_str	BOBJ1	98.545	Before	Interior Girder 1	42.125	0.95	1	1	9.677015
EV3_str	BOBJ1	98.545	Before	Interior Girder 2	42.125	0.95	1	1	8.736147
EV3_str	BOBJ1	98.545	Before	Interior Girder 3	42.125	0.95	1	1	7.385937
EV3_str	BOBJ1	98.545	Before	Interior Girder 4	42.125	0.95	1	1	7.385937
EV3_str	BOBJ1	98.545	Before	Interior Girder 5	42.125	0.95	1	1	8.736147
EV3_str	BOBJ1	98.545	Before	Interior Girder 6	42.125	0.95	1	1	9.677015
EV3_str	BOBJ1	98.545	Before	Right Exterior Girder	42.125	0.95	1	1	12.768414
EV3_str	BOBJ1	98.545	After	Left Exterior Girder	42.125	0.95	1	1	9.930214
EV3_str	BOBJ1	98.545	After	Interior Girder 1	42.125	0.95	1	1	6.203709
EV3_str	BOBJ1	98.545	After	Interior Girder 2	42.125	0.95	1	1	5.739812
EV3_str	BOBJ1	98.545	After	Interior Girder 3	42.125	0.95	1	1	5.072711
EV3_str	BOBJ1	98.545	After	Interior Girder 4	42.125	0.95	1	1	5.072711
EV3_str	BOBJ1	98.545	After	Interior Girder 5	42.125	0.95	1	1	5.739812
EV3_str	BOBJ1	98.545	After	Interior Girder 6	42.125	0.95	1	1	6.203709
EV3_str	BOBJ1	98.545	After	Right Exterior Girder	42.125	0.95	1	1	9.930214
EV3_str	BOBJ1	106.97	Before	Left Exterior Girder	50.55	0.95	1	1	9.760474
EV3_str	BOBJ1	106.97	Before	Interior Girder 1	50.55	0.95	1	1	6.058611
EV3_str	BOBJ1	106.97	Before	Interior Girder 2	50.55	0.95	1	1	5.605809
EV3_str	BOBJ1	106.97	Before	Interior Girder 3	50.55	0.95	1	1	4.954363
EV3_str	BOBJ1	106.97	Before	Interior Girder 4	50.55	0.95	1	1	4.954363
EV3_str	BOBJ1	106.97	Before	Interior Girder 5	50.55	0.95	1	1	5.605809
EV3_str	BOBJ1	106.97	Before	Interior Girder 6	50.55	0.95	1	1	6.058611
EV3_str	BOBJ1	106.97	Before	Right Exterior Girder	50.55	0.95	1	1	9.760474
EV3_str	BOBJ1	106.97	After	Left Exterior Girder	50.55	0.95	1	1	6.177535
EV3_str	BOBJ1	106.97	After	Interior Girder 1	50.55	0.95	1	1	5.617151
EV3_str	BOBJ1	106.97	After	Interior Girder 2	50.55	0.95	1	1	5.173148
EV3_str	BOBJ1	106.97	After	Interior Girder 3	50.55	0.95	1	1	4.773373
EV3_str	BOBJ1	106.97	After	Interior Girder 4	50.55	0.95	1	1	4.773373
EV3_str	BOBJ1	106.97	After	Interior Girder 5	50.55	0.95	1	1	5.173148
EV3_str	BOBJ1	106.97	After	Interior Girder 6	50.55	0.95	1	1	5.617151
EV3_str	BOBJ1	106.97	After	Right Exterior Girder	50.55	0.95	1	1	6.177535
EV3_str	BOBJ1	115.405	Before	Left Exterior Girder	58.985	0.95	1	1	6.066076

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Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
EV3_str	BOBJ1	115.405	Before	Interior Girder 1	58.985	0.95	1	1	5.48095
EV3_str	BOBJ1	115.405	Before	Interior Girder 2	58.985	0.95	1	1	5.049139
EV3_str	BOBJ1	115.405	Before	Interior Girder 3	58.985	0.95	1	1	4.65713
EV3_str	BOBJ1	115.405	Before	Interior Girder 4	58.985	0.95	1	1	4.65713
EV3_str	BOBJ1	115.405	Before	Interior Girder 5	58.985	0.95	1	1	5.049139
EV3_str	BOBJ1	115.405	Before	Interior Girder 6	58.985	0.95	1	1	5.48095
EV3_str	BOBJ1	115.405	Before	Right Exterior Girder	58.985	0.95	1	1	6.066076
EV3_str	BOBJ1	115.405	After	Left Exterior Girder	58.985	0.95	1	1	4.01121
EV3_str	BOBJ1	115.405	After	Interior Girder 1	58.985	0.95	1	1	4.61777
EV3_str	BOBJ1	115.405	After	Interior Girder 2	58.985	0.95	1	1	3.647833
EV3_str	BOBJ1	115.405	After	Interior Girder 3	58.985	0.95	1	1	3.043804
EV3_str	BOBJ1	115.405	After	Interior Girder 4	58.985	0.95	1	1	3.043804
EV3_str	BOBJ1	115.405	After	Interior Girder 5	58.985	0.95	1	1	3.647833
EV3_str	BOBJ1	115.405	After	Interior Girder 6	58.985	0.95	1	1	4.61777
EV3_str	BOBJ1	115.405	After	Right Exterior Girder	58.985	0.95	1	1	4.01121
EV3_str	BOBJ1	116.34	Before	Left Exterior Girder	59.92	0.95	1	1	4.002416
EV3_str	BOBJ1	116.34	Before	Right Exterior Girder	59.92	0.95	1	1	4.002416
EV3_str	BOBJ1	116.34	After	Left Exterior Girder	59.92	0.95	1	1	3.761501
EV3_str	BOBJ1	116.34	After	Right Exterior Girder	59.92	0.95	1	1	3.761501
EV3_str	BOBJ1	118.84	Before	Interior Girder 1	62.42	0.95	1	1	3.79902
EV3_str	BOBJ1	118.84	Before	Interior Girder 2	62.42	0.95	1	1	3.611189
EV3_str	BOBJ1	118.84	Before	Interior Girder 3	62.42	0.95	1	1	3.012599
EV3_str	BOBJ1	118.84	Before	Interior Girder 4	62.42	0.95	1	1	3.012599
EV3_str	BOBJ1	118.84	Before	Interior Girder 5	62.42	0.95	1	1	3.611189
EV3_str	BOBJ1	118.84	Before	Interior Girder 6	62.42	0.95	1	1	3.79902
EV3_str	BOBJ1	118.84	After	Interior Girder 1	62.42	0.95	1	1	3.410192
EV3_str	BOBJ1	118.84	After	Interior Girder 2	62.42	0.95	1	1	3.190109
EV3_str	BOBJ1	118.84	After	Interior Girder 3	62.42	0.95	1	1	2.548828
EV3_str	BOBJ1	118.84	After	Interior Girder 4	62.42	0.95	1	1	2.548828
EV3_str	BOBJ1	118.84	After	Interior Girder 5	62.42	0.95	1	1	3.190109
EV3_str	BOBJ1	118.84	After	Interior Girder 6	62.42	0.95	1	1	3.410192
EV3_str	BOBJ1	123.84	Before	Left Exterior Girder	67.42	0.95	1	1	5.377954
EV3_str	BOBJ1	123.84	Before	Interior Girder 1	67.42	0.95	1	1	3.356826
EV3_str	BOBJ1	123.84	Before	Interior Girder 2	67.42	0.95	1	1	3.140738
EV3_str	BOBJ1	123.84	Before	Interior Girder 3	67.42	0.95	1	1	2.508392
EV3_str	BOBJ1	123.84	Before	Interior Girder 4	67.42	0.95	1	1	2.508392
EV3_str	BOBJ1	123.84	Before	Interior Girder 5	67.42	0.95	1	1	3.140738
EV3_str	BOBJ1	123.84	Before	Interior Girder 6	67.42	0.95	1	1	3.356826
EV3_str	BOBJ1	123.84	Before	Right Exterior Girder	67.42	0.95	1	1	5.377954
EV3_str	BOBJ1	123.84	After	Left Exterior Girder	0	0.95	1	1	5.322382
EV3_str	BOBJ1	123.84	After	Interior Girder 1	0	0.95	1	1	3.349021
EV3_str	BOBJ1	123.84	After	Interior Girder 2	0	0.95	1	1	3.135258
EV3_str	BOBJ1	123.84	After	Interior Girder 3	0	0.95	1	1	2.505563
EV3_str	BOBJ1	123.84	After	Interior Girder 4	0	0.95	1	1	2.505563
EV3_str	BOBJ1	123.84	After	Interior Girder 5	0	0.95	1	1	3.135258
EV3_str	BOBJ1	123.84	After	Interior Girder 6	0	0.95	1	1	3.349021
EV3_str	BOBJ1	123.84	After	Right Exterior Girder	0	0.95	1	1	5.322382
EV3_str	BOBJ1	128.84	Before	Interior Girder 1	5	0.95	1	1	3.402311
EV3_str	BOBJ1	128.84	Before	Interior Girder 2	5	0.95	1	1	3.184575
EV3_str	BOBJ1	128.84	Before	Interior Girder 3	5	0.95	1	1	2.545977
EV3_str	BOBJ1	128.84	Before	Interior Girder 4	5	0.95	1	1	2.545977
EV3_str	BOBJ1	128.84	Before	Interior Girder 5	5	0.95	1	1	3.184575
EV3_str	BOBJ1	128.84	Before	Interior Girder 6	5	0.95	1	1	3.402311
EV3_str	BOBJ1	128.84	After	Interior Girder 1	5	0.95	1	1	3.785761
EV3_str	BOBJ1	128.84	After	Interior Girder 2	5	0.95	1	1	3.602221
EV3_str	BOBJ1	128.84	After	Interior Girder 3	5	0.95	1	1	3.007034
EV3_str	BOBJ1	128.84	After	Interior Girder 4	5	0.95	1	1	3.007034
EV3_str	BOBJ1	128.84	After	Interior Girder 5	5	0.95	1	1	3.602221
EV3_str	BOBJ1	128.84	After	Interior Girder 6	5	0.95	1	1	3.785761
EV3_str	BOBJ1	131.34	Before	Left Exterior Girder	7.5	0.95	1	1	3.721742
EV3_str	BOBJ1	131.34	Before	Right Exterior Girder	7.5	0.95	1	1	3.721742
EV3_str	BOBJ1	131.34	After	Left Exterior Girder	7.5	0.95	1	1	3.952401
EV3_str	BOBJ1	131.34	After	Right Exterior Girder	7.5	0.95	1	1	3.952401
EV3_str	BOBJ1	132.265	Before	Left Exterior Girder	8.425	0.95	1	1	3.961004
EV3_str	BOBJ1	132.265	Before	Interior Girder 1	8.425	0.95	1	1	4.61162

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Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
EV3_str	BOBJ1	132.265	Before	Interior Girder 2	8.425	0.95	1	1	3.638691
EV3_str	BOBJ1	132.265	Before	Interior Girder 3	8.425	0.95	1	1	3.038108
EV3_str	BOBJ1	132.265	Before	Interior Girder 4	8.425	0.95	1	1	3.038108
EV3_str	BOBJ1	132.265	Before	Interior Girder 5	8.425	0.95	1	1	3.638691
EV3_str	BOBJ1	132.265	Before	Interior Girder 6	8.425	0.95	1	1	4.61162
EV3_str	BOBJ1	132.265	Before	Right Exterior Girder	8.425	0.95	1	1	3.961004
EV3_str	BOBJ1	132.265	After	Left Exterior Girder	8.425	0.95	1	1	5.995715
EV3_str	BOBJ1	132.265	After	Interior Girder 1	8.425	0.95	1	1	5.443062
EV3_str	BOBJ1	132.265	After	Interior Girder 2	8.425	0.95	1	1	5.026207
EV3_str	BOBJ1	132.265	After	Interior Girder 3	8.425	0.95	1	1	4.638058
EV3_str	BOBJ1	132.265	After	Interior Girder 4	8.425	0.95	1	1	4.638058
EV3_str	BOBJ1	132.265	After	Interior Girder 5	8.425	0.95	1	1	5.026207
EV3_str	BOBJ1	132.265	After	Interior Girder 6	8.425	0.95	1	1	5.443062
EV3_str	BOBJ1	132.265	After	Right Exterior Girder	8.425	0.95	1	1	5.995715
EV3_str	BOBJ1	140.69	Before	Left Exterior Girder	16.85	0.95	1	1	6.105862
EV3_str	BOBJ1	140.69	Before	Interior Girder 1	16.85	0.95	1	1	5.578287
EV3_str	BOBJ1	140.69	Before	Interior Girder 2	16.85	0.95	1	1	5.149591
EV3_str	BOBJ1	140.69	Before	Interior Girder 3	16.85	0.95	1	1	4.753755
EV3_str	BOBJ1	140.69	Before	Interior Girder 4	16.85	0.95	1	1	4.753755
EV3_str	BOBJ1	140.69	Before	Interior Girder 5	16.85	0.95	1	1	5.149591
EV3_str	BOBJ1	140.69	Before	Interior Girder 6	16.85	0.95	1	1	5.578287
EV3_str	BOBJ1	140.69	Before	Right Exterior Girder	16.85	0.95	1	1	6.105862
EV3_str	BOBJ1	140.69	After	Left Exterior Girder	16.85	0.95	1	1	9.616619
EV3_str	BOBJ1	140.69	After	Interior Girder 1	16.85	0.95	1	1	6.006144
EV3_str	BOBJ1	140.69	After	Interior Girder 2	16.85	0.95	1	1	5.572503
EV3_str	BOBJ1	140.69	After	Interior Girder 3	16.85	0.95	1	1	4.940165
EV3_str	BOBJ1	140.69	After	Interior Girder 4	16.85	0.95	1	1	4.940165
EV3_str	BOBJ1	140.69	After	Interior Girder 5	16.85	0.95	1	1	5.572503
EV3_str	BOBJ1	140.69	After	Interior Girder 6	16.85	0.95	1	1	6.006144
EV3_str	BOBJ1	140.69	After	Right Exterior Girder	16.85	0.95	1	1	9.616619
EV3_str	BOBJ1	149.115	Before	Left Exterior Girder	25.275	0.95	1	1	9.784061
EV3_str	BOBJ1	149.115	Before	Interior Girder 1	25.275	0.95	1	1	6.150131
EV3_str	BOBJ1	149.115	Before	Interior Girder 2	25.275	0.95	1	1	5.705795
EV3_str	BOBJ1	149.115	Before	Interior Girder 3	25.275	0.95	1	1	5.058215
EV3_str	BOBJ1	149.115	Before	Interior Girder 4	25.275	0.95	1	1	5.058215
EV3_str	BOBJ1	149.115	Before	Interior Girder 5	25.275	0.95	1	1	5.705795
EV3_str	BOBJ1	149.115	Before	Interior Girder 6	25.275	0.95	1	1	6.150131
EV3_str	BOBJ1	149.115	Before	Right Exterior Girder	25.275	0.95	1	1	9.784061
EV3_str	BOBJ1	149.115	After	Left Exterior Girder	25.275	0.95	1	1	12.458094
EV3_str	BOBJ1	149.115	After	Interior Girder 1	25.275	0.95	1	1	9.55325
EV3_str	BOBJ1	149.115	After	Interior Girder 2	25.275	0.95	1	1	8.661801
EV3_str	BOBJ1	149.115	After	Interior Girder 3	25.275	0.95	1	1	7.412606
EV3_str	BOBJ1	149.115	After	Interior Girder 4	25.275	0.95	1	1	7.412606
EV3_str	BOBJ1	149.115	After	Interior Girder 5	25.275	0.95	1	1	8.661801
EV3_str	BOBJ1	149.115	After	Interior Girder 6	25.275	0.95	1	1	9.55325
EV3_str	BOBJ1	149.115	After	Right Exterior Girder	25.275	0.95	1	1	12.458094
EV3_str	BOBJ1	157.54	Before	Left Exterior Girder	33.7	0.95	1	1	12.66436
EV3_str	BOBJ1	157.54	Before	Interior Girder 1	33.7	0.95	1	1	9.775375
EV3_str	BOBJ1	157.54	Before	Interior Girder 2	33.7	0.95	1	1	8.602517
EV3_str	BOBJ1	157.54	Before	Interior Girder 3	33.7	0.95	1	1	7.250133
EV3_str	BOBJ1	157.54	Before	Interior Girder 4	33.7	0.95	1	1	7.250133
EV3_str	BOBJ1	157.54	Before	Interior Girder 5	33.7	0.95	1	1	8.602517
EV3_str	BOBJ1	157.54	Before	Interior Girder 6	33.7	0.95	1	1	9.775375
EV3_str	BOBJ1	157.54	Before	Right Exterior Girder	33.7	0.95	1	1	12.66436
EV3_str	BOBJ1	157.54	After	Left Exterior Girder	33.7	0.95	1	1	12.682603
EV3_str	BOBJ1	157.54	After	Interior Girder 1	33.7	0.95	1	1	9.78164
EV3_str	BOBJ1	157.54	After	Interior Girder 2	33.7	0.95	1	1	8.599451
EV3_str	BOBJ1	157.54	After	Interior Girder 3	33.7	0.95	1	1	7.2465
EV3_str	BOBJ1	157.54	After	Interior Girder 4	33.7	0.95	1	1	7.2465
EV3_str	BOBJ1	157.54	After	Interior Girder 5	33.7	0.95	1	1	8.599451
EV3_str	BOBJ1	157.54	After	Interior Girder 6	33.7	0.95	1	1	9.78164
EV3_str	BOBJ1	157.54	After	Right Exterior Girder	33.7	0.95	1	1	12.682603
EV3_str	BOBJ1	165.965	Before	Left Exterior Girder	42.125	0.95	1	1	12.476055
EV3_str	BOBJ1	165.965	Before	Interior Girder 1	42.125	0.95	1	1	9.559378
EV3_str	BOBJ1	165.965	Before	Interior Girder 2	42.125	0.95	1	1	8.667148

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Approach, Span 7-11									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
EV3_str	BOBJ1	165.965	Before	Interior Girder 3	42.125	0.95	1	1	7.408899
EV3_str	BOBJ1	165.965	Before	Interior Girder 4	42.125	0.95	1	1	7.408899
EV3_str	BOBJ1	165.965	Before	Interior Girder 5	42.125	0.95	1	1	8.667148
EV3_str	BOBJ1	165.965	Before	Interior Girder 6	42.125	0.95	1	1	9.559378
EV3_str	BOBJ1	165.965	Before	Right Exterior Girder	42.125	0.95	1	1	12.476055
EV3_str	BOBJ1	165.965	After	Left Exterior Girder	42.125	0.95	1	1	9.794378
EV3_str	BOBJ1	165.965	After	Interior Girder 1	42.125	0.95	1	1	6.152742
EV3_str	BOBJ1	165.965	After	Interior Girder 2	42.125	0.95	1	1	5.708143
EV3_str	BOBJ1	165.965	After	Interior Girder 3	42.125	0.95	1	1	5.060302
EV3_str	BOBJ1	165.965	After	Interior Girder 4	42.125	0.95	1	1	5.060302
EV3_str	BOBJ1	165.965	After	Interior Girder 5	42.125	0.95	1	1	5.708143
EV3_str	BOBJ1	165.965	After	Interior Girder 6	42.125	0.95	1	1	6.152742
EV3_str	BOBJ1	165.965	After	Right Exterior Girder	42.125	0.95	1	1	9.794378
EV3_str	BOBJ1	174.39	Before	Left Exterior Girder	50.55	0.95	1	1	9.626773
EV3_str	BOBJ1	174.39	Before	Interior Girder 1	50.55	0.95	1	1	6.008697
EV3_str	BOBJ1	174.39	Before	Interior Girder 2	50.55	0.95	1	1	5.574799
EV3_str	BOBJ1	174.39	Before	Interior Girder 3	50.55	0.95	1	1	4.942208
EV3_str	BOBJ1	174.39	Before	Interior Girder 4	50.55	0.95	1	1	4.942208
EV3_str	BOBJ1	174.39	Before	Interior Girder 5	50.55	0.95	1	1	5.574799
EV3_str	BOBJ1	174.39	Before	Interior Girder 6	50.55	0.95	1	1	6.008697
EV3_str	BOBJ1	174.39	Before	Right Exterior Girder	50.55	0.95	1	1	9.626773
EV3_str	BOBJ1	174.39	After	Left Exterior Girder	50.55	0.95	1	1	6.110991
EV3_str	BOBJ1	174.39	After	Interior Girder 1	50.55	0.95	1	1	5.580488
EV3_str	BOBJ1	174.39	After	Interior Girder 2	50.55	0.95	1	1	5.150592
EV3_str	BOBJ1	174.39	After	Interior Girder 3	50.55	0.95	1	1	4.758149
EV3_str	BOBJ1	174.39	After	Interior Girder 4	50.55	0.95	1	1	4.758149
EV3_str	BOBJ1	174.39	After	Interior Girder 5	50.55	0.95	1	1	5.150592
EV3_str	BOBJ1	174.39	After	Interior Girder 6	50.55	0.95	1	1	5.580488
EV3_str	BOBJ1	174.39	After	Right Exterior Girder	50.55	0.95	1	1	6.110991
EV3_str	BOBJ1	182.825	Before	Left Exterior Girder	58.985	0.95	1	1	6.000633
EV3_str	BOBJ1	182.825	Before	Interior Girder 1	58.985	0.95	1	1	5.445043
EV3_str	BOBJ1	182.825	Before	Interior Girder 2	58.985	0.95	1	1	5.027032
EV3_str	BOBJ1	182.825	Before	Interior Girder 3	58.985	0.95	1	1	4.642221
EV3_str	BOBJ1	182.825	Before	Interior Girder 4	58.985	0.95	1	1	4.642221
EV3_str	BOBJ1	182.825	Before	Interior Girder 5	58.985	0.95	1	1	5.027032
EV3_str	BOBJ1	182.825	Before	Interior Girder 6	58.985	0.95	1	1	5.445043
EV3_str	BOBJ1	182.825	Before	Right Exterior Girder	58.985	0.95	1	1	6.000633
EV3_str	BOBJ1	182.825	After	Left Exterior Girder	58.985	0.95	1	1	3.976331
EV3_str	BOBJ1	182.825	After	Interior Girder 1	58.985	0.95	1	1	4.601869
EV3_str	BOBJ1	182.825	After	Interior Girder 2	58.985	0.95	1	1	3.637596
EV3_str	BOBJ1	182.825	After	Interior Girder 3	58.985	0.95	1	1	3.039161
EV3_str	BOBJ1	182.825	After	Interior Girder 4	58.985	0.95	1	1	3.039161
EV3_str	BOBJ1	182.825	After	Interior Girder 5	58.985	0.95	1	1	3.637596
EV3_str	BOBJ1	182.825	After	Interior Girder 6	58.985	0.95	1	1	4.601869
EV3_str	BOBJ1	182.825	After	Right Exterior Girder	58.985	0.95	1	1	3.976331
EV3_str	BOBJ1	183.76	Before	Left Exterior Girder	59.92	0.95	1	1	3.967606
EV3_str	BOBJ1	183.76	Before	Right Exterior Girder	59.92	0.95	1	1	3.967606
EV3_str	BOBJ1	183.76	After	Left Exterior Girder	59.92	0.95	1	1	3.733638
EV3_str	BOBJ1	183.76	After	Right Exterior Girder	59.92	0.95	1	1	3.733638
EV3_str	BOBJ1	186.26	Before	Interior Girder 1	62.42	0.95	1	1	3.785333
EV3_str	BOBJ1	186.26	Before	Interior Girder 2	62.42	0.95	1	1	3.601027
EV3_str	BOBJ1	186.26	Before	Interior Girder 3	62.42	0.95	1	1	3.007987
EV3_str	BOBJ1	186.26	Before	Interior Girder 4	62.42	0.95	1	1	3.007987
EV3_str	BOBJ1	186.26	Before	Interior Girder 5	62.42	0.95	1	1	3.601027
EV3_str	BOBJ1	186.26	Before	Interior Girder 6	62.42	0.95	1	1	3.785333
EV3_str	BOBJ1	186.26	After	Interior Girder 1	62.42	0.95	1	1	3.400576
EV3_str	BOBJ1	186.26	After	Interior Girder 2	62.42	0.95	1	1	3.182716
EV3_str	BOBJ1	186.26	After	Interior Girder 3	62.42	0.95	1	1	2.545713
EV3_str	BOBJ1	186.26	After	Interior Girder 4	62.42	0.95	1	1	2.545713
EV3_str	BOBJ1	186.26	After	Interior Girder 5	62.42	0.95	1	1	3.182716
EV3_str	BOBJ1	186.26	After	Interior Girder 6	62.42	0.95	1	1	3.400576
EV3_str	BOBJ1	191.26	Before	Left Exterior Girder	67.42	0.95	1	1	5.325613
EV3_str	BOBJ1	191.26	Before	Interior Girder 1	67.42	0.95	1	1	3.347307
EV3_str	BOBJ1	191.26	Before	Interior Girder 2	67.42	0.95	1	1	3.13342
EV3_str	BOBJ1	191.26	Before	Interior Girder 3	67.42	0.95	1	1	2.505306

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Approach, Span 7-11									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
EV3_str	BOBJ1	191.26	Before	Interior Girder 4	67.42	0.95	1	1	2.505306
EV3_str	BOBJ1	191.26	Before	Interior Girder 5	67.42	0.95	1	1	3.13342
EV3_str	BOBJ1	191.26	Before	Interior Girder 6	67.42	0.95	1	1	3.347307
EV3_str	BOBJ1	191.26	Before	Right Exterior Girder	67.42	0.95	1	1	5.325613
EV3_str	BOBJ1	191.26	After	Left Exterior Girder	0	0.95	1	1	5.373097
EV3_str	BOBJ1	191.26	After	Interior Girder 1	0	0.95	1	1	3.35797
EV3_str	BOBJ1	191.26	After	Interior Girder 2	0	0.95	1	1	3.142195
EV3_str	BOBJ1	191.26	After	Interior Girder 3	0	0.95	1	1	2.508364
EV3_str	BOBJ1	191.26	After	Interior Girder 4	0	0.95	1	1	2.508364
EV3_str	BOBJ1	191.26	After	Interior Girder 5	0	0.95	1	1	3.142195
EV3_str	BOBJ1	191.26	After	Interior Girder 6	0	0.95	1	1	3.35797
EV3_str	BOBJ1	191.26	After	Right Exterior Girder	0	0.95	1	1	5.373097
EV3_str	BOBJ1	196.26	Before	Interior Girder 1	5	0.95	1	1	3.411356
EV3_str	BOBJ1	196.26	Before	Interior Girder 2	5	0.95	1	1	3.191589
EV3_str	BOBJ1	196.26	Before	Interior Girder 3	5	0.95	1	1	2.548805
EV3_str	BOBJ1	196.26	Before	Interior Girder 4	5	0.95	1	1	2.548805
EV3_str	BOBJ1	196.26	Before	Interior Girder 5	5	0.95	1	1	3.191589
EV3_str	BOBJ1	196.26	Before	Interior Girder 6	5	0.95	1	1	3.411356
EV3_str	BOBJ1	196.26	After	Interior Girder 1	5	0.95	1	1	3.798804
EV3_str	BOBJ1	196.26	After	Interior Girder 2	5	0.95	1	1	3.611942
EV3_str	BOBJ1	196.26	After	Interior Girder 3	5	0.95	1	1	3.011311
EV3_str	BOBJ1	196.26	After	Interior Girder 4	5	0.95	1	1	3.011311
EV3_str	BOBJ1	196.26	After	Interior Girder 5	5	0.95	1	1	3.611942
EV3_str	BOBJ1	196.26	After	Interior Girder 6	5	0.95	1	1	3.798804
EV3_str	BOBJ1	198.76	Before	Left Exterior Girder	7.5	0.95	1	1	3.747925
EV3_str	BOBJ1	198.76	Before	Right Exterior Girder	7.5	0.95	1	1	3.747925
EV3_str	BOBJ1	198.76	After	Left Exterior Girder	7.5	0.95	1	1	3.985375
EV3_str	BOBJ1	198.76	After	Right Exterior Girder	7.5	0.95	1	1	3.985375
EV3_str	BOBJ1	199.685	Before	Left Exterior Girder	8.425	0.95	1	1	3.994046
EV3_str	BOBJ1	199.685	Before	Interior Girder 1	8.425	0.95	1	1	4.627283
EV3_str	BOBJ1	199.685	Before	Interior Girder 2	8.425	0.95	1	1	3.648487
EV3_str	BOBJ1	199.685	Before	Interior Girder 3	8.425	0.95	1	1	3.042417
EV3_str	BOBJ1	199.685	Before	Interior Girder 4	8.425	0.95	1	1	3.042417
EV3_str	BOBJ1	199.685	Before	Interior Girder 5	8.425	0.95	1	1	3.648487
EV3_str	BOBJ1	199.685	Before	Interior Girder 6	8.425	0.95	1	1	4.627283
EV3_str	BOBJ1	199.685	Before	Right Exterior Girder	8.425	0.95	1	1	3.994046
EV3_str	BOBJ1	199.685	After	Left Exterior Girder	8.425	0.95	1	1	6.059472
EV3_str	BOBJ1	199.685	After	Interior Girder 1	8.425	0.95	1	1	5.477974
EV3_str	BOBJ1	199.685	After	Interior Girder 2	8.425	0.95	1	1	5.047666
EV3_str	BOBJ1	199.685	After	Interior Girder 3	8.425	0.95	1	1	4.652441
EV3_str	BOBJ1	199.685	After	Interior Girder 4	8.425	0.95	1	1	4.652441
EV3_str	BOBJ1	199.685	After	Interior Girder 5	8.425	0.95	1	1	5.047666
EV3_str	BOBJ1	199.685	After	Interior Girder 6	8.425	0.95	1	1	5.477974
EV3_str	BOBJ1	199.685	After	Right Exterior Girder	8.425	0.95	1	1	6.059472
EV3_str	BOBJ1	208.11	Before	Left Exterior Girder	16.85	0.95	1	1	6.170718
EV3_str	BOBJ1	208.11	Before	Interior Girder 1	16.85	0.95	1	1	5.613953
EV3_str	BOBJ1	208.11	Before	Interior Girder 2	16.85	0.95	1	1	5.171497
EV3_str	BOBJ1	208.11	Before	Interior Girder 3	16.85	0.95	1	1	4.768451
EV3_str	BOBJ1	208.11	Before	Interior Girder 4	16.85	0.95	1	1	4.768451
EV3_str	BOBJ1	208.11	Before	Interior Girder 5	16.85	0.95	1	1	5.171497
EV3_str	BOBJ1	208.11	Before	Interior Girder 6	16.85	0.95	1	1	5.613953
EV3_str	BOBJ1	208.11	Before	Right Exterior Girder	16.85	0.95	1	1	6.170718
EV3_str	BOBJ1	208.11	After	Left Exterior Girder	16.85	0.95	1	1	9.747588
EV3_str	BOBJ1	208.11	After	Interior Girder 1	16.85	0.95	1	1	6.054883
EV3_str	BOBJ1	208.11	After	Interior Girder 2	16.85	0.95	1	1	5.602806
EV3_str	BOBJ1	208.11	After	Interior Girder 3	16.85	0.95	1	1	4.951876
EV3_str	BOBJ1	208.11	After	Interior Girder 4	16.85	0.95	1	1	4.951876
EV3_str	BOBJ1	208.11	After	Interior Girder 5	16.85	0.95	1	1	5.602806
EV3_str	BOBJ1	208.11	After	Interior Girder 6	16.85	0.95	1	1	6.054883
EV3_str	BOBJ1	208.11	After	Right Exterior Girder	16.85	0.95	1	1	9.747588
EV3_str	BOBJ1	216.535	Before	Left Exterior Girder	25.275	0.95	1	1	9.917161
EV3_str	BOBJ1	216.535	Before	Interior Girder 1	25.275	0.95	1	1	6.19992
EV3_str	BOBJ1	216.535	Before	Interior Girder 2	25.275	0.95	1	1	5.736756
EV3_str	BOBJ1	216.535	Before	Interior Girder 3	25.275	0.95	1	1	5.070181
EV3_str	BOBJ1	216.535	Before	Interior Girder 4	25.275	0.95	1	1	5.070181

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Approach, Span 7-11									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
EV3_str	BOBJ1	216.535	Before	Interior Girder 5	25.275	0.95	1	1	5.736756
EV3_str	BOBJ1	216.535	Before	Interior Girder 6	25.275	0.95	1	1	6.19992
EV3_str	BOBJ1	216.535	Before	Right Exterior Girder	25.275	0.95	1	1	9.917161
EV3_str	BOBJ1	216.535	After	Left Exterior Girder	25.275	0.95	1	1	12.746785
EV3_str	BOBJ1	216.535	After	Interior Girder 1	25.275	0.95	1	1	9.66889
EV3_str	BOBJ1	216.535	After	Interior Girder 2	25.275	0.95	1	1	8.729717
EV3_str	BOBJ1	216.535	After	Interior Girder 3	25.275	0.95	1	1	7.39022
EV3_str	BOBJ1	216.535	After	Interior Girder 4	25.275	0.95	1	1	7.39022
EV3_str	BOBJ1	216.535	After	Interior Girder 5	25.275	0.95	1	1	8.729717
EV3_str	BOBJ1	216.535	After	Interior Girder 6	25.275	0.95	1	1	9.66889
EV3_str	BOBJ1	216.535	After	Right Exterior Girder	25.275	0.95	1	1	12.746785
EV3_str	BOBJ1	224.96	Before	Left Exterior Girder	33.7	0.95	1	1	12.957649
EV3_str	BOBJ1	224.96	Before	Interior Girder 1	33.7	0.95	1	1	9.893524
EV3_str	BOBJ1	224.96	Before	Interior Girder 2	33.7	0.95	1	1	8.568567
EV3_str	BOBJ1	224.96	Before	Interior Girder 3	33.7	0.95	1	1	7.228208
EV3_str	BOBJ1	224.96	Before	Interior Girder 4	33.7	0.95	1	1	7.228208
EV3_str	BOBJ1	224.96	Before	Interior Girder 5	33.7	0.95	1	1	8.568567
EV3_str	BOBJ1	224.96	Before	Interior Girder 6	33.7	0.95	1	1	9.893524
EV3_str	BOBJ1	224.96	Before	Right Exterior Girder	33.7	0.95	1	1	12.957649
EV3_str	BOBJ1	224.96	After	Left Exterior Girder	33.7	0.95	1	1	12.392325
EV3_str	BOBJ1	224.96	After	Interior Girder 1	33.7	0.95	1	1	9.691403
EV3_str	BOBJ1	224.96	After	Interior Girder 2	33.7	0.95	1	1	8.603209
EV3_str	BOBJ1	224.96	After	Interior Girder 3	33.7	0.95	1	1	7.253444
EV3_str	BOBJ1	224.96	After	Interior Girder 4	33.7	0.95	1	1	7.253444
EV3_str	BOBJ1	224.96	After	Interior Girder 5	33.7	0.95	1	1	8.603209
EV3_str	BOBJ1	224.96	After	Interior Girder 6	33.7	0.95	1	1	9.691403
EV3_str	BOBJ1	224.96	After	Right Exterior Girder	33.7	0.95	1	1	12.392325
EV3_str	BOBJ1	233.385	Before	Left Exterior Girder	42.125	0.95	1	1	12.190169
EV3_str	BOBJ1	233.385	Before	Interior Girder 1	42.125	0.95	1	1	9.471131
EV3_str	BOBJ1	233.385	Before	Interior Girder 2	42.125	0.95	1	1	8.60333
EV3_str	BOBJ1	233.385	Before	Interior Girder 3	42.125	0.95	1	1	7.415951
EV3_str	BOBJ1	233.385	Before	Interior Girder 4	42.125	0.95	1	1	7.415951
EV3_str	BOBJ1	233.385	Before	Interior Girder 5	42.125	0.95	1	1	8.60333
EV3_str	BOBJ1	233.385	Before	Interior Girder 6	42.125	0.95	1	1	9.471131
EV3_str	BOBJ1	233.385	Before	Right Exterior Girder	42.125	0.95	1	1	12.190169
EV3_str	BOBJ1	233.385	After	Left Exterior Girder	42.125	0.95	1	1	9.619897
EV3_str	BOBJ1	233.385	After	Interior Girder 1	42.125	0.95	1	1	6.111001
EV3_str	BOBJ1	233.385	After	Interior Girder 2	42.125	0.95	1	1	5.678371
EV3_str	BOBJ1	233.385	After	Interior Girder 3	42.125	0.95	1	1	5.03775
EV3_str	BOBJ1	233.385	After	Interior Girder 4	42.125	0.95	1	1	5.03775
EV3_str	BOBJ1	233.385	After	Interior Girder 5	42.125	0.95	1	1	5.678371
EV3_str	BOBJ1	233.385	After	Interior Girder 6	42.125	0.95	1	1	6.111001
EV3_str	BOBJ1	233.385	After	Right Exterior Girder	42.125	0.95	1	1	9.619897
EV3_str	BOBJ1	241.81	Before	Left Exterior Girder	50.55	0.95	1	1	9.454976
EV3_str	BOBJ1	241.81	Before	Interior Girder 1	50.55	0.95	1	1	5.967904
EV3_str	BOBJ1	241.81	Before	Interior Girder 2	50.55	0.95	1	1	5.54572
EV3_str	BOBJ1	241.81	Before	Interior Girder 3	50.55	0.95	1	1	4.920143
EV3_str	BOBJ1	241.81	Before	Interior Girder 4	50.55	0.95	1	1	4.920143
EV3_str	BOBJ1	241.81	Before	Interior Girder 5	50.55	0.95	1	1	5.54572
EV3_str	BOBJ1	241.81	Before	Interior Girder 6	50.55	0.95	1	1	5.967904
EV3_str	BOBJ1	241.81	Before	Right Exterior Girder	50.55	0.95	1	1	9.454976
EV3_str	BOBJ1	241.81	After	Left Exterior Girder	50.55	0.95	1	1	6.152869
EV3_str	BOBJ1	241.81	After	Interior Girder 1	50.55	0.95	1	1	5.510356
EV3_str	BOBJ1	241.81	After	Interior Girder 2	50.55	0.95	1	1	5.058637
EV3_str	BOBJ1	241.81	After	Interior Girder 3	50.55	0.95	1	1	4.630348
EV3_str	BOBJ1	241.81	After	Interior Girder 4	50.55	0.95	1	1	4.630348
EV3_str	BOBJ1	241.81	After	Interior Girder 5	50.55	0.95	1	1	5.058637
EV3_str	BOBJ1	241.81	After	Interior Girder 6	50.55	0.95	1	1	5.510356
EV3_str	BOBJ1	241.81	After	Right Exterior Girder	50.55	0.95	1	1	6.152869
EV3_str	BOBJ1	245.18	Before	Left Exterior Girder	53.92	0.95	1	1	6.108776
EV3_str	BOBJ1	245.18	Before	Interior Girder 1	53.92	0.95	1	1	5.457125
EV3_str	BOBJ1	245.18	Before	Interior Girder 2	53.92	0.95	1	1	5.010289
EV3_str	BOBJ1	245.18	Before	Interior Girder 3	53.92	0.95	1	1	4.585386
EV3_str	BOBJ1	245.18	Before	Interior Girder 4	53.92	0.95	1	1	4.585386
EV3_str	BOBJ1	245.18	Before	Interior Girder 5	53.92	0.95	1	1	5.010289

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Approach, Span 7-11									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
EV3_str	BOBJ1	245.18	Before	Interior Girder 6	53.92	0.95	1	1	5.457125
EV3_str	BOBJ1	245.18	Before	Right Exterior Girder	53.92	0.95	1	1	6.108776
EV3_str	BOBJ1	245.18	After	Left Exterior Girder	53.92	0.95	1	1	6.463466
EV3_str	BOBJ1	245.18	After	Interior Girder 1	53.92	0.95	1	1	5.06067
EV3_str	BOBJ1	245.18	After	Interior Girder 2	53.92	0.95	1	1	4.665868
EV3_str	BOBJ1	245.18	After	Interior Girder 3	53.92	0.95	1	1	4.187827
EV3_str	BOBJ1	245.18	After	Interior Girder 4	53.92	0.95	1	1	4.187827
EV3_str	BOBJ1	245.18	After	Interior Girder 5	53.92	0.95	1	1	4.665868
EV3_str	BOBJ1	245.18	After	Interior Girder 6	53.92	0.95	1	1	5.06067
EV3_str	BOBJ1	245.18	After	Right Exterior Girder	53.92	0.95	1	1	6.463466
EV3_str	BOBJ1	250.245	Before	Left Exterior Girder	58.985	0.95	1	1	6.398084
EV3_str	BOBJ1	250.245	Before	Interior Girder 1	58.985	0.95	1	1	4.988926
EV3_str	BOBJ1	250.245	Before	Interior Girder 2	58.985	0.95	1	1	4.600374
EV3_str	BOBJ1	250.245	Before	Interior Girder 3	58.985	0.95	1	1	4.128053
EV3_str	BOBJ1	250.245	Before	Interior Girder 4	58.985	0.95	1	1	4.128053
EV3_str	BOBJ1	250.245	Before	Interior Girder 5	58.985	0.95	1	1	4.600374
EV3_str	BOBJ1	250.245	Before	Interior Girder 6	58.985	0.95	1	1	4.988926
EV3_str	BOBJ1	250.245	Before	Right Exterior Girder	58.985	0.95	1	1	6.398084
EV3_str	BOBJ1	250.245	After	Left Exterior Girder	58.985	0.95	1	1	5.330176
EV3_str	BOBJ1	250.245	After	Interior Girder 1	58.985	0.95	1	1	4.359596
EV3_str	BOBJ1	250.245	After	Interior Girder 2	58.985	0.95	1	1	3.803481
EV3_str	BOBJ1	250.245	After	Interior Girder 3	58.985	0.95	1	1	3.19207
EV3_str	BOBJ1	250.245	After	Interior Girder 4	58.985	0.95	1	1	3.19207
EV3_str	BOBJ1	250.245	After	Interior Girder 5	58.985	0.95	1	1	3.803481
EV3_str	BOBJ1	250.245	After	Interior Girder 6	58.985	0.95	1	1	4.359596
EV3_str	BOBJ1	250.245	After	Right Exterior Girder	58.985	0.95	1	1	5.330176
EV3_str	BOBJ1	251.68	Before	Left Exterior Girder	60.42	0.95	1	1	5.314255
EV3_str	BOBJ1	251.68	Before	Right Exterior Girder	60.42	0.95	1	1	5.314255
EV3_str	BOBJ1	251.68	After	Left Exterior Girder	60.42	0.95	1	1	5.071524
EV3_str	BOBJ1	251.68	After	Right Exterior Girder	60.42	0.95	1	1	5.071524
EV3_str	BOBJ1	254.18	Before	Interior Girder 1	62.92	0.95	1	1	3.977815
EV3_str	BOBJ1	254.18	Before	Interior Girder 2	62.92	0.95	1	1	3.761272
EV3_str	BOBJ1	254.18	Before	Interior Girder 3	62.92	0.95	1	1	3.155936
EV3_str	BOBJ1	254.18	Before	Interior Girder 4	62.92	0.95	1	1	3.155936
EV3_str	BOBJ1	254.18	Before	Interior Girder 5	62.92	0.95	1	1	3.761272
EV3_str	BOBJ1	254.18	Before	Interior Girder 6	62.92	0.95	1	1	3.977815
EV3_str	BOBJ1	254.18	After	Interior Girder 1	62.92	0.95	1	1	3.528285
EV3_str	BOBJ1	254.18	After	Interior Girder 2	62.92	0.95	1	1	3.29791
EV3_str	BOBJ1	254.18	After	Interior Girder 3	62.92	0.95	1	1	2.628868
EV3_str	BOBJ1	254.18	After	Interior Girder 4	62.92	0.95	1	1	2.628868
EV3_str	BOBJ1	254.18	After	Interior Girder 5	62.92	0.95	1	1	3.29791
EV3_str	BOBJ1	254.18	After	Interior Girder 6	62.92	0.95	1	1	3.528285
EV3_str	BOBJ1	258.68	Before	Left Exterior Girder	67.42	0.95	1	1	5.955657
EV3_str	BOBJ1	258.68	Before	Interior Girder 1	67.42	0.95	1	1	3.481382
EV3_str	BOBJ1	258.68	Before	Interior Girder 2	67.42	0.95	1	1	3.254495
EV3_str	BOBJ1	258.68	Before	Interior Girder 3	67.42	0.95	1	1	2.593405
EV3_str	BOBJ1	258.68	Before	Interior Girder 4	67.42	0.95	1	1	2.593405
EV3_str	BOBJ1	258.68	Before	Interior Girder 5	67.42	0.95	1	1	3.254495
EV3_str	BOBJ1	258.68	Before	Interior Girder 6	67.42	0.95	1	1	3.481382
EV3_str	BOBJ1	258.68	Before	Right Exterior Girder	67.42	0.95	1	1	5.955657
EV3_str	BOBJ1	258.68	After	Left Exterior Girder	0	0.95	1	1	6.274881
EV3_str	BOBJ1	258.68	After	Interior Girder 1	0	0.95	1	1	3.440147
EV3_str	BOBJ1	258.68	After	Interior Girder 2	0	0.95	1	1	3.186041
EV3_str	BOBJ1	258.68	After	Interior Girder 3	0	0.95	1	1	2.539166
EV3_str	BOBJ1	258.68	After	Interior Girder 4	0	0.95	1	1	2.539166
EV3_str	BOBJ1	258.68	After	Interior Girder 5	0	0.95	1	1	3.186041
EV3_str	BOBJ1	258.68	After	Interior Girder 6	0	0.95	1	1	3.440147
EV3_str	BOBJ1	258.68	After	Right Exterior Girder	0	0.95	1	1	6.274881
EV3_str	BOBJ1	263.18	Before	Interior Girder 1	4.5	0.95	1	1	3.486758
EV3_str	BOBJ1	263.18	Before	Interior Girder 2	4.5	0.95	1	1	3.228796
EV3_str	BOBJ1	263.18	Before	Interior Girder 3	4.5	0.95	1	1	2.574042
EV3_str	BOBJ1	263.18	Before	Interior Girder 4	4.5	0.95	1	1	2.574042
EV3_str	BOBJ1	263.18	Before	Interior Girder 5	4.5	0.95	1	1	3.228796
EV3_str	BOBJ1	263.18	Before	Interior Girder 6	4.5	0.95	1	1	3.486758
EV3_str	BOBJ1	263.18	After	Interior Girder 1	4.5	0.95	1	1	4.020584

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Approach, Span 7-11									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
EV3_str	BOBJ1	263.18	After	Interior Girder 2	4.5	0.95	1	1	3.793159
EV3_str	BOBJ1	263.18	After	Interior Girder 3	4.5	0.95	1	1	3.187119
EV3_str	BOBJ1	263.18	After	Interior Girder 4	4.5	0.95	1	1	3.187119
EV3_str	BOBJ1	263.18	After	Interior Girder 5	4.5	0.95	1	1	3.793159
EV3_str	BOBJ1	263.18	After	Interior Girder 6	4.5	0.95	1	1	4.020584
EV3_str	BOBJ1	265.68	Before	Left Exterior Girder	7	0.95	1	1	5.459254
EV3_str	BOBJ1	265.68	Before	Right Exterior Girder	7	0.95	1	1	5.459254
EV3_str	BOBJ1	265.68	After	Left Exterior Girder	7	0.95	1	1	5.945034
EV3_str	BOBJ1	265.68	After	Right Exterior Girder	7	0.95	1	1	5.945034
EV3_str	BOBJ1	268.08	Before	Left Exterior Girder	9.4	0.95	1	1	5.974895
EV3_str	BOBJ1	268.08	Before	Interior Girder 1	9.4	0.95	1	1	4.286207
EV3_str	BOBJ1	268.08	Before	Interior Girder 2	9.4	0.95	1	1	3.846461
EV3_str	BOBJ1	268.08	Before	Interior Girder 3	9.4	0.95	1	1	3.232721
EV3_str	BOBJ1	268.08	Before	Interior Girder 4	9.4	0.95	1	1	3.232721
EV3_str	BOBJ1	268.08	Before	Interior Girder 5	9.4	0.95	1	1	3.846461
EV3_str	BOBJ1	268.08	Before	Interior Girder 6	9.4	0.95	1	1	4.286207
EV3_str	BOBJ1	268.08	Before	Right Exterior Girder	9.4	0.95	1	1	5.974895
EV3_str	BOBJ1	268.08	After	Left Exterior Girder	9.4	0.95	1	1	7.179649
EV3_str	BOBJ1	268.08	After	Interior Girder 1	9.4	0.95	1	1	6.106024
EV3_str	BOBJ1	268.08	After	Interior Girder 2	9.4	0.95	1	1	5.506244
EV3_str	BOBJ1	268.08	After	Interior Girder 3	9.4	0.95	1	1	5.110267
EV3_str	BOBJ1	268.08	After	Interior Girder 4	9.4	0.95	1	1	5.110267
EV3_str	BOBJ1	268.08	After	Interior Girder 5	9.4	0.95	1	1	5.506244
EV3_str	BOBJ1	268.08	After	Interior Girder 6	9.4	0.95	1	1	6.106024
EV3_str	BOBJ1	268.08	After	Right Exterior Girder	9.4	0.95	1	1	7.179649
EV3_str	BOBJ1	277.48	Before	Left Exterior Girder	18.8	0.95	1	1	7.314907
EV3_str	BOBJ1	277.48	Before	Interior Girder 1	18.8	0.95	1	1	6.269119
EV3_str	BOBJ1	277.48	Before	Interior Girder 2	18.8	0.95	1	1	5.651825
EV3_str	BOBJ1	277.48	Before	Interior Girder 3	18.8	0.95	1	1	5.247219
EV3_str	BOBJ1	277.48	Before	Interior Girder 4	18.8	0.95	1	1	5.247219
EV3_str	BOBJ1	277.48	Before	Interior Girder 5	18.8	0.95	1	1	5.651825
EV3_str	BOBJ1	277.48	Before	Interior Girder 6	18.8	0.95	1	1	6.269119
EV3_str	BOBJ1	277.48	Before	Right Exterior Girder	18.8	0.95	1	1	7.314907
EV3_str	BOBJ1	277.48	After	Left Exterior Girder	18.8	0.95	1	1	12.64497
EV3_str	BOBJ1	277.48	After	Interior Girder 1	18.8	0.95	1	1	6.893682
EV3_str	BOBJ1	277.48	After	Interior Girder 2	18.8	0.95	1	1	6.260608
EV3_str	BOBJ1	277.48	After	Interior Girder 3	18.8	0.95	1	1	5.418774
EV3_str	BOBJ1	277.48	After	Interior Girder 4	18.8	0.95	1	1	5.418774
EV3_str	BOBJ1	277.48	After	Interior Girder 5	18.8	0.95	1	1	6.260608
EV3_str	BOBJ1	277.48	After	Interior Girder 6	18.8	0.95	1	1	6.893682
EV3_str	BOBJ1	277.48	After	Right Exterior Girder	18.8	0.95	1	1	12.64497
EV3_str	BOBJ1	286.88	Before	Left Exterior Girder	28.2	0.95	1	1	12.870903
EV3_str	BOBJ1	286.88	Before	Interior Girder 1	28.2	0.95	1	1	7.070889
EV3_str	BOBJ1	286.88	Before	Interior Girder 2	28.2	0.95	1	1	6.421325
EV3_str	BOBJ1	286.88	Before	Interior Girder 3	28.2	0.95	1	1	5.557712
EV3_str	BOBJ1	286.88	Before	Interior Girder 4	28.2	0.95	1	1	5.557712
EV3_str	BOBJ1	286.88	Before	Interior Girder 5	28.2	0.95	1	1	6.421325
EV3_str	BOBJ1	286.88	Before	Interior Girder 6	28.2	0.95	1	1	7.070889
EV3_str	BOBJ1	286.88	Before	Right Exterior Girder	28.2	0.95	1	1	12.870903
EV3_str	BOBJ1	286.88	After	Left Exterior Girder	28.2	0.95	1	1	20.451074
EV3_str	BOBJ1	286.88	After	Interior Girder 1	28.2	0.95	1	1	9.85156
EV3_str	BOBJ1	286.88	After	Interior Girder 2	28.2	0.95	1	1	8.690999
EV3_str	BOBJ1	286.88	After	Interior Girder 3	28.2	0.95	1	1	7.35698
EV3_str	BOBJ1	286.88	After	Interior Girder 4	28.2	0.95	1	1	7.35698
EV3_str	BOBJ1	286.88	After	Interior Girder 5	28.2	0.95	1	1	8.690999
EV3_str	BOBJ1	286.88	After	Interior Girder 6	28.2	0.95	1	1	9.85156
EV3_str	BOBJ1	286.88	After	Right Exterior Girder	28.2	0.95	1	1	20.451074
EV3_str	BOBJ1	296.28	Before	Left Exterior Girder	37.6	0.95	1	1	20.798508
EV3_str	BOBJ1	296.28	Before	Interior Girder 1	37.6	0.95	1	1	9.617796
EV3_str	BOBJ1	296.28	Before	Interior Girder 2	37.6	0.95	1	1	8.484026
EV3_str	BOBJ1	296.28	Before	Interior Girder 3	37.6	0.95	1	1	7.181622
EV3_str	BOBJ1	296.28	Before	Interior Girder 4	37.6	0.95	1	1	7.181622
EV3_str	BOBJ1	296.28	Before	Interior Girder 5	37.6	0.95	1	1	8.484026
EV3_str	BOBJ1	296.28	Before	Interior Girder 6	37.6	0.95	1	1	9.617796
EV3_str	BOBJ1	296.28	Before	Right Exterior Girder	37.6	0.95	1	1	20.798508

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Approach, Span 7-11									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
EV3_str	BOBJ1	296.28	After	Left Exterior Girder	37.6	0.95	1	1	10.729233
EV3_str	BOBJ1	296.28	After	Interior Girder 1	37.6	0.95	1	1	9.070752
EV3_str	BOBJ1	296.28	After	Interior Girder 2	37.6	0.95	1	1	8.155275
EV3_str	BOBJ1	296.28	After	Interior Girder 3	37.6	0.95	1	1	7.920154
EV3_str	BOBJ1	296.28	After	Interior Girder 4	37.6	0.95	1	1	7.920154
EV3_str	BOBJ1	296.28	After	Interior Girder 5	37.6	0.95	1	1	8.155275
EV3_str	BOBJ1	296.28	After	Interior Girder 6	37.6	0.95	1	1	9.070752
EV3_str	BOBJ1	296.28	After	Right Exterior Girder	37.6	0.95	1	1	10.729233
EV3_str	BOBJ1	305.69	Before	Left Exterior Girder	47.01	0.95	1	1	10.545604
EV3_str	BOBJ1	305.69	Before	Interior Girder 1	47.01	0.95	1	1	8.845867
EV3_str	BOBJ1	305.69	Before	Interior Girder 2	47.01	0.95	1	1	7.954257
EV3_str	BOBJ1	305.69	Before	Interior Girder 3	47.01	0.95	1	1	7.72452
EV3_str	BOBJ1	305.69	Before	Interior Girder 4	47.01	0.95	1	1	7.72452
EV3_str	BOBJ1	305.69	Before	Interior Girder 5	47.01	0.95	1	1	7.954257
EV3_str	BOBJ1	305.69	Before	Interior Girder 6	47.01	0.95	1	1	8.845867
EV3_str	BOBJ1	305.69	Before	Right Exterior Girder	47.01	0.95	1	1	10.545604
EV3_str	BOBJ1	305.69	After	Left Exterior Girder	47.01	0.95	1	1	8.23118
EV3_str	BOBJ1	305.69	After	Interior Girder 1	47.01	0.95	1	1	5.391852
EV3_str	BOBJ1	305.69	After	Interior Girder 2	47.01	0.95	1	1	4.972138
EV3_str	BOBJ1	305.69	After	Interior Girder 3	47.01	0.95	1	1	4.500964
EV3_str	BOBJ1	305.69	After	Interior Girder 4	47.01	0.95	1	1	4.500964
EV3_str	BOBJ1	305.69	After	Interior Girder 5	47.01	0.95	1	1	4.972138
EV3_str	BOBJ1	305.69	After	Interior Girder 6	47.01	0.95	1	1	5.391852
EV3_str	BOBJ1	305.69	After	Right Exterior Girder	47.01	0.95	1	1	8.23118
EV3_str	BOBJ1	315.1	Before	Left Exterior Girder	56.42	0.95	1	1	8.082858
EV3_str	BOBJ1	315.1	Before	Interior Girder 1	56.42	0.95	1	1	5.253841
EV3_str	BOBJ1	315.1	Before	Interior Girder 2	56.42	0.95	1	1	4.845328
EV3_str	BOBJ1	315.1	Before	Interior Girder 3	56.42	0.95	1	1	4.38578
EV3_str	BOBJ1	315.1	Before	Interior Girder 4	56.42	0.95	1	1	4.38578
EV3_str	BOBJ1	315.1	Before	Interior Girder 5	56.42	0.95	1	1	4.845328
EV3_str	BOBJ1	315.1	Before	Interior Girder 6	56.42	0.95	1	1	5.253841
EV3_str	BOBJ1	315.1	Before	Right Exterior Girder	56.42	0.95	1	1	8.082858
EV3-Neg_str	BOBJ1	0	After	Left Exterior Girder	0	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	0	After	Interior Girder 1	0	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	0	After	Interior Girder 2	0	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	0	After	Interior Girder 3	0	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	0	After	Interior Girder 4	0	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	0	After	Interior Girder 5	0	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	0	After	Interior Girder 6	0	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	0	After	Right Exterior Girder	0	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	9.4	Before	Left Exterior Girder	9.4	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	9.4	Before	Interior Girder 1	9.4	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	9.4	Before	Interior Girder 2	9.4	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	9.4	Before	Interior Girder 3	9.4	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	9.4	Before	Interior Girder 4	9.4	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	9.4	Before	Interior Girder 5	9.4	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	9.4	Before	Interior Girder 6	9.4	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	9.4	Before	Right Exterior Girder	9.4	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	9.4	After	Left Exterior Girder	9.4	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	9.4	After	Interior Girder 1	9.4	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	9.4	After	Interior Girder 2	9.4	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	9.4	After	Interior Girder 3	9.4	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	9.4	After	Interior Girder 4	9.4	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	9.4	After	Interior Girder 5	9.4	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	9.4	After	Interior Girder 6	9.4	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	9.4	After	Right Exterior Girder	9.4	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	18.8	Before	Left Exterior Girder	18.8	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	18.8	Before	Interior Girder 1	18.8	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	18.8	Before	Interior Girder 2	18.8	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	18.8	Before	Interior Girder 3	18.8	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	18.8	Before	Interior Girder 4	18.8	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	18.8	Before	Interior Girder 5	18.8	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	18.8	Before	Interior Girder 6	18.8	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	18.8	Before	Right Exterior Girder	18.8	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	18.8	After	Left Exterior Girder	18.8	0.95	1	1	10000000

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Approach, Span 7-11									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
EV3-Neg_str	BOBJ1	18.8	After	Interior Girder 1	18.8	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	18.8	After	Interior Girder 2	18.8	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	18.8	After	Interior Girder 3	18.8	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	18.8	After	Interior Girder 4	18.8	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	18.8	After	Interior Girder 5	18.8	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	18.8	After	Interior Girder 6	18.8	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	18.8	After	Right Exterior Girder	18.8	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	28.2	Before	Left Exterior Girder	28.2	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	28.2	Before	Interior Girder 1	28.2	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	28.2	Before	Interior Girder 2	28.2	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	28.2	Before	Interior Girder 3	28.2	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	28.2	Before	Interior Girder 4	28.2	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	28.2	Before	Interior Girder 5	28.2	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	28.2	Before	Interior Girder 6	28.2	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	28.2	Before	Right Exterior Girder	28.2	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	28.2	After	Left Exterior Girder	28.2	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	28.2	After	Interior Girder 1	28.2	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	28.2	After	Interior Girder 2	28.2	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	28.2	After	Interior Girder 3	28.2	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	28.2	After	Interior Girder 4	28.2	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	28.2	After	Interior Girder 5	28.2	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	28.2	After	Interior Girder 6	28.2	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	28.2	After	Right Exterior Girder	28.2	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	37.6	Before	Left Exterior Girder	37.6	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	37.6	Before	Interior Girder 1	37.6	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	37.6	Before	Interior Girder 2	37.6	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	37.6	Before	Interior Girder 3	37.6	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	37.6	Before	Interior Girder 4	37.6	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	37.6	Before	Interior Girder 5	37.6	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	37.6	Before	Interior Girder 6	37.6	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	37.6	Before	Right Exterior Girder	37.6	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	37.6	After	Left Exterior Girder	37.6	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	37.6	After	Interior Girder 1	37.6	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	37.6	After	Interior Girder 2	37.6	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	37.6	After	Interior Girder 3	37.6	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	37.6	After	Interior Girder 4	37.6	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	37.6	After	Interior Girder 5	37.6	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	37.6	After	Interior Girder 6	37.6	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	37.6	After	Right Exterior Girder	37.6	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	47.01	Before	Left Exterior Girder	47.01	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	47.01	Before	Interior Girder 1	47.01	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	47.01	Before	Interior Girder 2	47.01	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	47.01	Before	Interior Girder 3	47.01	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	47.01	Before	Interior Girder 4	47.01	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	47.01	Before	Interior Girder 5	47.01	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	47.01	Before	Interior Girder 6	47.01	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	47.01	Before	Right Exterior Girder	47.01	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	47.01	After	Left Exterior Girder	47.01	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	47.01	After	Interior Girder 1	47.01	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	47.01	After	Interior Girder 2	47.01	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	47.01	After	Interior Girder 3	47.01	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	47.01	After	Interior Girder 4	47.01	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	47.01	After	Interior Girder 5	47.01	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	47.01	After	Interior Girder 6	47.01	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	47.01	After	Right Exterior Girder	47.01	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	49.42	Before	Left Exterior Girder	49.42	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	49.42	Before	Right Exterior Girder	49.42	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	49.42	After	Left Exterior Girder	49.42	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	49.42	After	Right Exterior Girder	49.42	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	51.92	Before	Interior Girder 1	51.92	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	51.92	Before	Interior Girder 2	51.92	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	51.92	Before	Interior Girder 3	51.92	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	51.92	Before	Interior Girder 4	51.92	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	51.92	Before	Interior Girder 5	51.92	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	51.92	Before	Interior Girder 6	51.92	0.95	1	1	10000000

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Approach, Span 7-11									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
EV3-Neg_str	BOBJ1	51.92	After	Interior Girder 1	51.92	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	51.92	After	Interior Girder 2	51.92	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	51.92	After	Interior Girder 3	51.92	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	51.92	After	Interior Girder 4	51.92	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	51.92	After	Interior Girder 5	51.92	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	51.92	After	Interior Girder 6	51.92	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	56.42	Before	Left Exterior Girder	56.42	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	56.42	Before	Interior Girder 1	56.42	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	56.42	Before	Interior Girder 2	56.42	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	56.42	Before	Interior Girder 3	56.42	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	56.42	Before	Interior Girder 4	56.42	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	56.42	Before	Interior Girder 5	56.42	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	56.42	Before	Interior Girder 6	56.42	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	56.42	Before	Right Exterior Girder	56.42	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	56.42	After	Left Exterior Girder	0	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	56.42	After	Interior Girder 1	0	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	56.42	After	Interior Girder 2	0	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	56.42	After	Interior Girder 3	0	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	56.42	After	Interior Girder 4	0	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	56.42	After	Interior Girder 5	0	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	56.42	After	Interior Girder 6	0	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	56.42	After	Right Exterior Girder	0	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	60.92	Before	Interior Girder 1	4.5	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	60.92	Before	Interior Girder 2	4.5	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	60.92	Before	Interior Girder 3	4.5	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	60.92	Before	Interior Girder 4	4.5	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	60.92	Before	Interior Girder 5	4.5	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	60.92	Before	Interior Girder 6	4.5	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	60.92	After	Interior Girder 1	4.5	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	60.92	After	Interior Girder 2	4.5	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	60.92	After	Interior Girder 3	4.5	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	60.92	After	Interior Girder 4	4.5	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	60.92	After	Interior Girder 5	4.5	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	60.92	After	Interior Girder 6	4.5	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	63.42	Before	Left Exterior Girder	7	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	63.42	Before	Right Exterior Girder	7	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	63.42	After	Left Exterior Girder	7	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	63.42	After	Right Exterior Girder	7	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	64.845	Before	Left Exterior Girder	8.425	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	64.845	Before	Interior Girder 1	8.425	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	64.845	Before	Interior Girder 2	8.425	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	64.845	Before	Interior Girder 3	8.425	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	64.845	Before	Interior Girder 4	8.425	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	64.845	Before	Interior Girder 5	8.425	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	64.845	Before	Interior Girder 6	8.425	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	64.845	Before	Right Exterior Girder	8.425	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	64.845	After	Left Exterior Girder	8.425	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	64.845	After	Interior Girder 1	8.425	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	64.845	After	Interior Girder 2	8.425	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	64.845	After	Interior Girder 3	8.425	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	64.845	After	Interior Girder 4	8.425	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	64.845	After	Interior Girder 5	8.425	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	64.845	After	Interior Girder 6	8.425	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	64.845	After	Right Exterior Girder	8.425	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	69.92	Before	Left Exterior Girder	13.5	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	69.92	Before	Interior Girder 1	13.5	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	69.92	Before	Interior Girder 2	13.5	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	69.92	Before	Interior Girder 3	13.5	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	69.92	Before	Interior Girder 4	13.5	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	69.92	Before	Interior Girder 5	13.5	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	69.92	Before	Interior Girder 6	13.5	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	69.92	Before	Right Exterior Girder	13.5	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	69.92	After	Left Exterior Girder	13.5	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	69.92	After	Interior Girder 1	13.5	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	69.92	After	Interior Girder 2	13.5	0.95	1	1	10000000

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Approach, Span 7-11									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
EV3-Neg_str	BOBJ1	69.92	After	Interior Girder 3	13.5	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	69.92	After	Interior Girder 4	13.5	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	69.92	After	Interior Girder 5	13.5	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	69.92	After	Interior Girder 6	13.5	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	69.92	After	Right Exterior Girder	13.5	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	73.27	Before	Left Exterior Girder	16.85	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	73.27	Before	Interior Girder 1	16.85	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	73.27	Before	Interior Girder 2	16.85	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	73.27	Before	Interior Girder 3	16.85	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	73.27	Before	Interior Girder 4	16.85	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	73.27	Before	Interior Girder 5	16.85	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	73.27	Before	Interior Girder 6	16.85	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	73.27	Before	Right Exterior Girder	16.85	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	73.27	After	Left Exterior Girder	16.85	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	73.27	After	Interior Girder 1	16.85	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	73.27	After	Interior Girder 2	16.85	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	73.27	After	Interior Girder 3	16.85	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	73.27	After	Interior Girder 4	16.85	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	73.27	After	Interior Girder 5	16.85	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	73.27	After	Interior Girder 6	16.85	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	73.27	After	Right Exterior Girder	16.85	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	81.695	Before	Left Exterior Girder	25.275	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	81.695	Before	Interior Girder 1	25.275	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	81.695	Before	Interior Girder 2	25.275	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	81.695	Before	Interior Girder 3	25.275	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	81.695	Before	Interior Girder 4	25.275	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	81.695	Before	Interior Girder 5	25.275	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	81.695	Before	Interior Girder 6	25.275	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	81.695	Before	Right Exterior Girder	25.275	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	81.695	After	Left Exterior Girder	25.275	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	81.695	After	Interior Girder 1	25.275	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	81.695	After	Interior Girder 2	25.275	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	81.695	After	Interior Girder 3	25.275	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	81.695	After	Interior Girder 4	25.275	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	81.695	After	Interior Girder 5	25.275	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	81.695	After	Interior Girder 6	25.275	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	81.695	After	Right Exterior Girder	25.275	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	90.12	Before	Left Exterior Girder	33.7	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	90.12	Before	Interior Girder 1	33.7	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	90.12	Before	Interior Girder 2	33.7	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	90.12	Before	Interior Girder 3	33.7	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	90.12	Before	Interior Girder 4	33.7	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	90.12	Before	Interior Girder 5	33.7	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	90.12	Before	Interior Girder 6	33.7	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	90.12	Before	Right Exterior Girder	33.7	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	90.12	After	Left Exterior Girder	33.7	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	90.12	After	Interior Girder 1	33.7	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	90.12	After	Interior Girder 2	33.7	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	90.12	After	Interior Girder 3	33.7	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	90.12	After	Interior Girder 4	33.7	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	90.12	After	Interior Girder 5	33.7	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	90.12	After	Interior Girder 6	33.7	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	90.12	After	Right Exterior Girder	33.7	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	98.545	Before	Left Exterior Girder	42.125	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	98.545	Before	Interior Girder 1	42.125	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	98.545	Before	Interior Girder 2	42.125	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	98.545	Before	Interior Girder 3	42.125	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	98.545	Before	Interior Girder 4	42.125	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	98.545	Before	Interior Girder 5	42.125	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	98.545	Before	Interior Girder 6	42.125	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	98.545	Before	Right Exterior Girder	42.125	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	98.545	After	Left Exterior Girder	42.125	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	98.545	After	Interior Girder 1	42.125	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	98.545	After	Interior Girder 2	42.125	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	98.545	After	Interior Girder 3	42.125	0.95	1	1	10000000

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Approach, Span 7-11									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
EV3-Neg_str	BOBJ1	98.545	After	Interior Girder 4	42.125	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	98.545	After	Interior Girder 5	42.125	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	98.545	After	Interior Girder 6	42.125	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	98.545	After	Right Exterior Girder	42.125	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	106.97	Before	Left Exterior Girder	50.55	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	106.97	Before	Interior Girder 1	50.55	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	106.97	Before	Interior Girder 2	50.55	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	106.97	Before	Interior Girder 3	50.55	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	106.97	Before	Interior Girder 4	50.55	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	106.97	Before	Interior Girder 5	50.55	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	106.97	Before	Interior Girder 6	50.55	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	106.97	Before	Right Exterior Girder	50.55	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	106.97	After	Left Exterior Girder	50.55	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	106.97	After	Interior Girder 1	50.55	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	106.97	After	Interior Girder 2	50.55	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	106.97	After	Interior Girder 3	50.55	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	106.97	After	Interior Girder 4	50.55	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	106.97	After	Interior Girder 5	50.55	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	106.97	After	Interior Girder 6	50.55	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	106.97	After	Right Exterior Girder	50.55	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	115.405	Before	Left Exterior Girder	58.985	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	115.405	Before	Interior Girder 1	58.985	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	115.405	Before	Interior Girder 2	58.985	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	115.405	Before	Interior Girder 3	58.985	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	115.405	Before	Interior Girder 4	58.985	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	115.405	Before	Interior Girder 5	58.985	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	115.405	Before	Interior Girder 6	58.985	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	115.405	Before	Right Exterior Girder	58.985	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	115.405	After	Left Exterior Girder	58.985	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	115.405	After	Interior Girder 1	58.985	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	115.405	After	Interior Girder 2	58.985	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	115.405	After	Interior Girder 3	58.985	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	115.405	After	Interior Girder 4	58.985	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	115.405	After	Interior Girder 5	58.985	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	115.405	After	Interior Girder 6	58.985	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	115.405	After	Right Exterior Girder	58.985	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	116.34	Before	Left Exterior Girder	59.92	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	116.34	Before	Right Exterior Girder	59.92	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	116.34	After	Left Exterior Girder	59.92	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	116.34	After	Right Exterior Girder	59.92	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	118.84	Before	Interior Girder 1	62.42	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	118.84	Before	Interior Girder 2	62.42	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	118.84	Before	Interior Girder 3	62.42	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	118.84	Before	Interior Girder 4	62.42	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	118.84	Before	Interior Girder 5	62.42	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	118.84	Before	Interior Girder 6	62.42	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	118.84	After	Interior Girder 1	62.42	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	118.84	After	Interior Girder 2	62.42	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	118.84	After	Interior Girder 3	62.42	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	118.84	After	Interior Girder 4	62.42	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	118.84	After	Interior Girder 5	62.42	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	118.84	After	Interior Girder 6	62.42	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	123.84	Before	Left Exterior Girder	67.42	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	123.84	Before	Interior Girder 1	67.42	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	123.84	Before	Interior Girder 2	67.42	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	123.84	Before	Interior Girder 3	67.42	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	123.84	Before	Interior Girder 4	67.42	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	123.84	Before	Interior Girder 5	67.42	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	123.84	Before	Interior Girder 6	67.42	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	123.84	Before	Right Exterior Girder	67.42	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	123.84	After	Left Exterior Girder	0	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	123.84	After	Interior Girder 1	0	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	123.84	After	Interior Girder 2	0	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	123.84	After	Interior Girder 3	0	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	123.84	After	Interior Girder 4	0	0.95	1	1	10000000

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Approach, Span 7-11									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
EV3-Neg_str	BOBJ1	123.84	After	Interior Girder 5	0	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	123.84	After	Interior Girder 6	0	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	123.84	After	Right Exterior Girder	0	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	128.84	Before	Interior Girder 1	5	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	128.84	Before	Interior Girder 2	5	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	128.84	Before	Interior Girder 3	5	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	128.84	Before	Interior Girder 4	5	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	128.84	Before	Interior Girder 5	5	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	128.84	Before	Interior Girder 6	5	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	128.84	After	Interior Girder 1	5	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	128.84	After	Interior Girder 2	5	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	128.84	After	Interior Girder 3	5	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	128.84	After	Interior Girder 4	5	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	128.84	After	Interior Girder 5	5	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	128.84	After	Interior Girder 6	5	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	131.34	Before	Left Exterior Girder	7.5	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	131.34	Before	Right Exterior Girder	7.5	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	131.34	After	Left Exterior Girder	7.5	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	131.34	After	Right Exterior Girder	7.5	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	132.265	Before	Left Exterior Girder	8.425	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	132.265	Before	Interior Girder 1	8.425	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	132.265	Before	Interior Girder 2	8.425	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	132.265	Before	Interior Girder 3	8.425	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	132.265	Before	Interior Girder 4	8.425	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	132.265	Before	Interior Girder 5	8.425	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	132.265	Before	Interior Girder 6	8.425	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	132.265	Before	Right Exterior Girder	8.425	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	132.265	After	Left Exterior Girder	8.425	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	132.265	After	Interior Girder 1	8.425	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	132.265	After	Interior Girder 2	8.425	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	132.265	After	Interior Girder 3	8.425	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	132.265	After	Interior Girder 4	8.425	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	132.265	After	Interior Girder 5	8.425	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	132.265	After	Interior Girder 6	8.425	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	132.265	After	Right Exterior Girder	8.425	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	140.69	Before	Left Exterior Girder	16.85	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	140.69	Before	Interior Girder 1	16.85	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	140.69	Before	Interior Girder 2	16.85	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	140.69	Before	Interior Girder 3	16.85	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	140.69	Before	Interior Girder 4	16.85	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	140.69	Before	Interior Girder 5	16.85	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	140.69	Before	Interior Girder 6	16.85	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	140.69	Before	Right Exterior Girder	16.85	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	140.69	After	Left Exterior Girder	16.85	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	140.69	After	Interior Girder 1	16.85	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	140.69	After	Interior Girder 2	16.85	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	140.69	After	Interior Girder 3	16.85	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	140.69	After	Interior Girder 4	16.85	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	140.69	After	Interior Girder 5	16.85	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	140.69	After	Interior Girder 6	16.85	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	140.69	After	Right Exterior Girder	16.85	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	149.115	Before	Left Exterior Girder	25.275	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	149.115	Before	Interior Girder 1	25.275	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	149.115	Before	Interior Girder 2	25.275	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	149.115	Before	Interior Girder 3	25.275	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	149.115	Before	Interior Girder 4	25.275	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	149.115	Before	Interior Girder 5	25.275	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	149.115	Before	Interior Girder 6	25.275	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	149.115	Before	Right Exterior Girder	25.275	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	149.115	After	Left Exterior Girder	25.275	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	149.115	After	Interior Girder 1	25.275	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	149.115	After	Interior Girder 2	25.275	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	149.115	After	Interior Girder 3	25.275	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	149.115	After	Interior Girder 4	25.275	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	149.115	After	Interior Girder 5	25.275	0.95	1	1	10000000

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Approach, Span 7-11									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
EV3-Neg_str	BOBJ1	149.115	After	Interior Girder 6	25.275	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	149.115	After	Right Exterior Girder	25.275	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	157.54	Before	Left Exterior Girder	33.7	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	157.54	Before	Interior Girder 1	33.7	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	157.54	Before	Interior Girder 2	33.7	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	157.54	Before	Interior Girder 3	33.7	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	157.54	Before	Interior Girder 4	33.7	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	157.54	Before	Interior Girder 5	33.7	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	157.54	Before	Interior Girder 6	33.7	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	157.54	Before	Right Exterior Girder	33.7	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	157.54	After	Left Exterior Girder	33.7	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	157.54	After	Interior Girder 1	33.7	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	157.54	After	Interior Girder 2	33.7	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	157.54	After	Interior Girder 3	33.7	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	157.54	After	Interior Girder 4	33.7	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	157.54	After	Interior Girder 5	33.7	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	157.54	After	Interior Girder 6	33.7	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	157.54	After	Right Exterior Girder	33.7	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	165.965	Before	Left Exterior Girder	42.125	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	165.965	Before	Interior Girder 1	42.125	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	165.965	Before	Interior Girder 2	42.125	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	165.965	Before	Interior Girder 3	42.125	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	165.965	Before	Interior Girder 4	42.125	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	165.965	Before	Interior Girder 5	42.125	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	165.965	Before	Interior Girder 6	42.125	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	165.965	Before	Right Exterior Girder	42.125	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	165.965	After	Left Exterior Girder	42.125	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	165.965	After	Interior Girder 1	42.125	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	165.965	After	Interior Girder 2	42.125	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	165.965	After	Interior Girder 3	42.125	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	165.965	After	Interior Girder 4	42.125	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	165.965	After	Interior Girder 5	42.125	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	165.965	After	Interior Girder 6	42.125	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	165.965	After	Right Exterior Girder	42.125	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	174.39	Before	Left Exterior Girder	50.55	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	174.39	Before	Interior Girder 1	50.55	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	174.39	Before	Interior Girder 2	50.55	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	174.39	Before	Interior Girder 3	50.55	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	174.39	Before	Interior Girder 4	50.55	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	174.39	Before	Interior Girder 5	50.55	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	174.39	Before	Interior Girder 6	50.55	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	174.39	Before	Right Exterior Girder	50.55	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	174.39	After	Left Exterior Girder	50.55	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	174.39	After	Interior Girder 1	50.55	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	174.39	After	Interior Girder 2	50.55	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	174.39	After	Interior Girder 3	50.55	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	174.39	After	Interior Girder 4	50.55	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	174.39	After	Interior Girder 5	50.55	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	174.39	After	Interior Girder 6	50.55	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	174.39	After	Right Exterior Girder	50.55	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	182.825	Before	Left Exterior Girder	58.985	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	182.825	Before	Interior Girder 1	58.985	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	182.825	Before	Interior Girder 2	58.985	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	182.825	Before	Interior Girder 3	58.985	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	182.825	Before	Interior Girder 4	58.985	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	182.825	Before	Interior Girder 5	58.985	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	182.825	Before	Interior Girder 6	58.985	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	182.825	Before	Right Exterior Girder	58.985	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	182.825	After	Left Exterior Girder	58.985	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	182.825	After	Interior Girder 1	58.985	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	182.825	After	Interior Girder 2	58.985	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	182.825	After	Interior Girder 3	58.985	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	182.825	After	Interior Girder 4	58.985	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	182.825	After	Interior Girder 5	58.985	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	182.825	After	Interior Girder 6	58.985	0.95	1	1	10000000

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Approach, Span 7-11									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
EV3-Neg_str	BOBJ1	182.825	After	Right Exterior Girder	58.985	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	183.76	Before	Left Exterior Girder	59.92	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	183.76	Before	Right Exterior Girder	59.92	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	183.76	After	Left Exterior Girder	59.92	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	183.76	After	Right Exterior Girder	59.92	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	186.26	Before	Interior Girder 1	62.42	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	186.26	Before	Interior Girder 2	62.42	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	186.26	Before	Interior Girder 3	62.42	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	186.26	Before	Interior Girder 4	62.42	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	186.26	Before	Interior Girder 5	62.42	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	186.26	Before	Interior Girder 6	62.42	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	186.26	After	Interior Girder 1	62.42	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	186.26	After	Interior Girder 2	62.42	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	186.26	After	Interior Girder 3	62.42	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	186.26	After	Interior Girder 4	62.42	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	186.26	After	Interior Girder 5	62.42	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	186.26	After	Interior Girder 6	62.42	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	191.26	Before	Left Exterior Girder	67.42	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	191.26	Before	Interior Girder 1	67.42	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	191.26	Before	Interior Girder 2	67.42	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	191.26	Before	Interior Girder 3	67.42	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	191.26	Before	Interior Girder 4	67.42	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	191.26	Before	Interior Girder 5	67.42	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	191.26	Before	Interior Girder 6	67.42	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	191.26	Before	Right Exterior Girder	67.42	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	191.26	After	Left Exterior Girder	0	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	191.26	After	Interior Girder 1	0	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	191.26	After	Interior Girder 2	0	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	191.26	After	Interior Girder 3	0	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	191.26	After	Interior Girder 4	0	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	191.26	After	Interior Girder 5	0	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	191.26	After	Interior Girder 6	0	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	191.26	After	Right Exterior Girder	0	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	196.26	Before	Interior Girder 1	5	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	196.26	Before	Interior Girder 2	5	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	196.26	Before	Interior Girder 3	5	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	196.26	Before	Interior Girder 4	5	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	196.26	Before	Interior Girder 5	5	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	196.26	Before	Interior Girder 6	5	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	196.26	After	Interior Girder 1	5	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	196.26	After	Interior Girder 2	5	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	196.26	After	Interior Girder 3	5	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	196.26	After	Interior Girder 4	5	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	196.26	After	Interior Girder 5	5	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	196.26	After	Interior Girder 6	5	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	198.76	Before	Left Exterior Girder	7.5	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	198.76	Before	Right Exterior Girder	7.5	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	198.76	After	Left Exterior Girder	7.5	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	198.76	After	Right Exterior Girder	7.5	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	199.685	Before	Left Exterior Girder	8.425	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	199.685	Before	Interior Girder 1	8.425	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	199.685	Before	Interior Girder 2	8.425	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	199.685	Before	Interior Girder 3	8.425	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	199.685	Before	Interior Girder 4	8.425	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	199.685	Before	Interior Girder 5	8.425	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	199.685	Before	Interior Girder 6	8.425	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	199.685	Before	Right Exterior Girder	8.425	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	199.685	After	Left Exterior Girder	8.425	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	199.685	After	Interior Girder 1	8.425	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	199.685	After	Interior Girder 2	8.425	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	199.685	After	Interior Girder 3	8.425	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	199.685	After	Interior Girder 4	8.425	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	199.685	After	Interior Girder 5	8.425	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	199.685	After	Interior Girder 6	8.425	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	199.685	After	Right Exterior Girder	8.425	0.95	1	1	10000000

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Approach, Span 7-11									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
EV3-Neg_str	BOBJ1	208.11	Before	Left Exterior Girder	16.85	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	208.11	Before	Interior Girder 1	16.85	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	208.11	Before	Interior Girder 2	16.85	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	208.11	Before	Interior Girder 3	16.85	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	208.11	Before	Interior Girder 4	16.85	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	208.11	Before	Interior Girder 5	16.85	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	208.11	Before	Interior Girder 6	16.85	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	208.11	Before	Right Exterior Girder	16.85	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	208.11	After	Left Exterior Girder	16.85	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	208.11	After	Interior Girder 1	16.85	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	208.11	After	Interior Girder 2	16.85	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	208.11	After	Interior Girder 3	16.85	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	208.11	After	Interior Girder 4	16.85	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	208.11	After	Interior Girder 5	16.85	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	208.11	After	Interior Girder 6	16.85	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	208.11	After	Right Exterior Girder	16.85	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	216.535	Before	Left Exterior Girder	25.275	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	216.535	Before	Interior Girder 1	25.275	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	216.535	Before	Interior Girder 2	25.275	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	216.535	Before	Interior Girder 3	25.275	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	216.535	Before	Interior Girder 4	25.275	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	216.535	Before	Interior Girder 5	25.275	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	216.535	Before	Interior Girder 6	25.275	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	216.535	Before	Right Exterior Girder	25.275	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	216.535	After	Left Exterior Girder	25.275	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	216.535	After	Interior Girder 1	25.275	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	216.535	After	Interior Girder 2	25.275	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	216.535	After	Interior Girder 3	25.275	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	216.535	After	Interior Girder 4	25.275	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	216.535	After	Interior Girder 5	25.275	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	216.535	After	Interior Girder 6	25.275	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	216.535	After	Right Exterior Girder	25.275	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	224.96	Before	Left Exterior Girder	33.7	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	224.96	Before	Interior Girder 1	33.7	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	224.96	Before	Interior Girder 2	33.7	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	224.96	Before	Interior Girder 3	33.7	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	224.96	Before	Interior Girder 4	33.7	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	224.96	Before	Interior Girder 5	33.7	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	224.96	Before	Interior Girder 6	33.7	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	224.96	Before	Right Exterior Girder	33.7	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	224.96	After	Left Exterior Girder	33.7	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	224.96	After	Interior Girder 1	33.7	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	224.96	After	Interior Girder 2	33.7	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	224.96	After	Interior Girder 3	33.7	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	224.96	After	Interior Girder 4	33.7	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	224.96	After	Interior Girder 5	33.7	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	224.96	After	Interior Girder 6	33.7	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	224.96	After	Right Exterior Girder	33.7	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	233.385	Before	Left Exterior Girder	42.125	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	233.385	Before	Interior Girder 1	42.125	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	233.385	Before	Interior Girder 2	42.125	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	233.385	Before	Interior Girder 3	42.125	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	233.385	Before	Interior Girder 4	42.125	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	233.385	Before	Interior Girder 5	42.125	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	233.385	Before	Interior Girder 6	42.125	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	233.385	Before	Right Exterior Girder	42.125	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	233.385	After	Left Exterior Girder	42.125	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	233.385	After	Interior Girder 1	42.125	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	233.385	After	Interior Girder 2	42.125	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	233.385	After	Interior Girder 3	42.125	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	233.385	After	Interior Girder 4	42.125	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	233.385	After	Interior Girder 5	42.125	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	233.385	After	Interior Girder 6	42.125	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	233.385	After	Right Exterior Girder	42.125	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	241.81	Before	Left Exterior Girder	50.55	0.95	1	1	10000000

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Approach, Span 7-11									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
EV3-Neg_str	BOBJ1	241.81	Before	Interior Girder 1	50.55	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	241.81	Before	Interior Girder 2	50.55	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	241.81	Before	Interior Girder 3	50.55	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	241.81	Before	Interior Girder 4	50.55	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	241.81	Before	Interior Girder 5	50.55	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	241.81	Before	Interior Girder 6	50.55	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	241.81	Before	Right Exterior Girder	50.55	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	241.81	After	Left Exterior Girder	50.55	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	241.81	After	Interior Girder 1	50.55	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	241.81	After	Interior Girder 2	50.55	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	241.81	After	Interior Girder 3	50.55	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	241.81	After	Interior Girder 4	50.55	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	241.81	After	Interior Girder 5	50.55	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	241.81	After	Interior Girder 6	50.55	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	241.81	After	Right Exterior Girder	50.55	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	245.18	Before	Left Exterior Girder	53.92	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	245.18	Before	Interior Girder 1	53.92	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	245.18	Before	Interior Girder 2	53.92	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	245.18	Before	Interior Girder 3	53.92	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	245.18	Before	Interior Girder 4	53.92	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	245.18	Before	Interior Girder 5	53.92	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	245.18	Before	Interior Girder 6	53.92	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	245.18	Before	Right Exterior Girder	53.92	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	245.18	After	Left Exterior Girder	53.92	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	245.18	After	Interior Girder 1	53.92	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	245.18	After	Interior Girder 2	53.92	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	245.18	After	Interior Girder 3	53.92	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	245.18	After	Interior Girder 4	53.92	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	245.18	After	Interior Girder 5	53.92	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	245.18	After	Interior Girder 6	53.92	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	245.18	After	Right Exterior Girder	53.92	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	250.245	Before	Left Exterior Girder	58.985	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	250.245	Before	Interior Girder 1	58.985	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	250.245	Before	Interior Girder 2	58.985	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	250.245	Before	Interior Girder 3	58.985	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	250.245	Before	Interior Girder 4	58.985	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	250.245	Before	Interior Girder 5	58.985	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	250.245	Before	Interior Girder 6	58.985	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	250.245	Before	Right Exterior Girder	58.985	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	250.245	After	Left Exterior Girder	58.985	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	250.245	After	Interior Girder 1	58.985	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	250.245	After	Interior Girder 2	58.985	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	250.245	After	Interior Girder 3	58.985	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	250.245	After	Interior Girder 4	58.985	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	250.245	After	Interior Girder 5	58.985	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	250.245	After	Interior Girder 6	58.985	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	250.245	After	Right Exterior Girder	58.985	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	251.68	Before	Left Exterior Girder	60.42	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	251.68	Before	Right Exterior Girder	60.42	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	251.68	After	Left Exterior Girder	60.42	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	251.68	After	Right Exterior Girder	60.42	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	254.18	Before	Interior Girder 1	62.92	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	254.18	Before	Interior Girder 2	62.92	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	254.18	Before	Interior Girder 3	62.92	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	254.18	Before	Interior Girder 4	62.92	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	254.18	Before	Interior Girder 5	62.92	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	254.18	Before	Interior Girder 6	62.92	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	254.18	After	Interior Girder 1	62.92	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	254.18	After	Interior Girder 2	62.92	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	254.18	After	Interior Girder 3	62.92	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	254.18	After	Interior Girder 4	62.92	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	254.18	After	Interior Girder 5	62.92	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	254.18	After	Interior Girder 6	62.92	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	258.68	Before	Left Exterior Girder	67.42	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	258.68	Before	Interior Girder 1	67.42	0.95	1	1	10000000

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Approach, Span 7-11									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
EV3-Neg_str	BOBJ1	258.68	Before	Interior Girder 2	67.42	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	258.68	Before	Interior Girder 3	67.42	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	258.68	Before	Interior Girder 4	67.42	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	258.68	Before	Interior Girder 5	67.42	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	258.68	Before	Interior Girder 6	67.42	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	258.68	Before	Right Exterior Girder	67.42	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	258.68	After	Left Exterior Girder	0	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	258.68	After	Interior Girder 1	0	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	258.68	After	Interior Girder 2	0	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	258.68	After	Interior Girder 3	0	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	258.68	After	Interior Girder 4	0	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	258.68	After	Interior Girder 5	0	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	258.68	After	Interior Girder 6	0	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	258.68	After	Right Exterior Girder	0	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	263.18	Before	Interior Girder 1	4.5	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	263.18	Before	Interior Girder 2	4.5	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	263.18	Before	Interior Girder 3	4.5	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	263.18	Before	Interior Girder 4	4.5	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	263.18	Before	Interior Girder 5	4.5	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	263.18	Before	Interior Girder 6	4.5	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	263.18	After	Interior Girder 1	4.5	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	263.18	After	Interior Girder 2	4.5	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	263.18	After	Interior Girder 3	4.5	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	263.18	After	Interior Girder 4	4.5	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	263.18	After	Interior Girder 5	4.5	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	263.18	After	Interior Girder 6	4.5	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	265.68	Before	Left Exterior Girder	7	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	265.68	Before	Right Exterior Girder	7	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	265.68	After	Left Exterior Girder	7	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	265.68	After	Right Exterior Girder	7	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	268.08	Before	Left Exterior Girder	9.4	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	268.08	Before	Interior Girder 1	9.4	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	268.08	Before	Interior Girder 2	9.4	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	268.08	Before	Interior Girder 3	9.4	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	268.08	Before	Interior Girder 4	9.4	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	268.08	Before	Interior Girder 5	9.4	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	268.08	Before	Interior Girder 6	9.4	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	268.08	Before	Right Exterior Girder	9.4	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	268.08	After	Left Exterior Girder	9.4	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	268.08	After	Interior Girder 1	9.4	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	268.08	After	Interior Girder 2	9.4	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	268.08	After	Interior Girder 3	9.4	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	268.08	After	Interior Girder 4	9.4	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	268.08	After	Interior Girder 5	9.4	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	268.08	After	Interior Girder 6	9.4	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	268.08	After	Right Exterior Girder	9.4	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	277.48	Before	Left Exterior Girder	18.8	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	277.48	Before	Interior Girder 1	18.8	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	277.48	Before	Interior Girder 2	18.8	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	277.48	Before	Interior Girder 3	18.8	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	277.48	Before	Interior Girder 4	18.8	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	277.48	Before	Interior Girder 5	18.8	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	277.48	Before	Interior Girder 6	18.8	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	277.48	Before	Right Exterior Girder	18.8	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	277.48	After	Left Exterior Girder	18.8	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	277.48	After	Interior Girder 1	18.8	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	277.48	After	Interior Girder 2	18.8	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	277.48	After	Interior Girder 3	18.8	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	277.48	After	Interior Girder 4	18.8	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	277.48	After	Interior Girder 5	18.8	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	277.48	After	Interior Girder 6	18.8	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	277.48	After	Right Exterior Girder	18.8	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	286.88	Before	Left Exterior Girder	28.2	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	286.88	Before	Interior Girder 1	28.2	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	286.88	Before	Interior Girder 2	28.2	0.95	1	1	10000000

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Approach, Span 7-11									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
EV3-Neg_str	BOBJ1	286.88	Before	Interior Girder 3	28.2	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	286.88	Before	Interior Girder 4	28.2	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	286.88	Before	Interior Girder 5	28.2	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	286.88	Before	Interior Girder 6	28.2	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	286.88	Before	Right Exterior Girder	28.2	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	286.88	After	Left Exterior Girder	28.2	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	286.88	After	Interior Girder 1	28.2	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	286.88	After	Interior Girder 2	28.2	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	286.88	After	Interior Girder 3	28.2	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	286.88	After	Interior Girder 4	28.2	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	286.88	After	Interior Girder 5	28.2	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	286.88	After	Interior Girder 6	28.2	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	286.88	After	Right Exterior Girder	28.2	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	296.28	Before	Left Exterior Girder	37.6	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	296.28	Before	Interior Girder 1	37.6	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	296.28	Before	Interior Girder 2	37.6	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	296.28	Before	Interior Girder 3	37.6	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	296.28	Before	Interior Girder 4	37.6	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	296.28	Before	Interior Girder 5	37.6	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	296.28	Before	Interior Girder 6	37.6	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	296.28	Before	Right Exterior Girder	37.6	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	296.28	After	Left Exterior Girder	37.6	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	296.28	After	Interior Girder 1	37.6	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	296.28	After	Interior Girder 2	37.6	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	296.28	After	Interior Girder 3	37.6	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	296.28	After	Interior Girder 4	37.6	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	296.28	After	Interior Girder 5	37.6	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	296.28	After	Interior Girder 6	37.6	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	296.28	After	Right Exterior Girder	37.6	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	305.69	Before	Left Exterior Girder	47.01	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	305.69	Before	Interior Girder 1	47.01	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	305.69	Before	Interior Girder 2	47.01	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	305.69	Before	Interior Girder 3	47.01	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	305.69	Before	Interior Girder 4	47.01	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	305.69	Before	Interior Girder 5	47.01	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	305.69	Before	Interior Girder 6	47.01	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	305.69	Before	Right Exterior Girder	47.01	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	305.69	After	Left Exterior Girder	47.01	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	305.69	After	Interior Girder 1	47.01	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	305.69	After	Interior Girder 2	47.01	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	305.69	After	Interior Girder 3	47.01	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	305.69	After	Interior Girder 4	47.01	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	305.69	After	Interior Girder 5	47.01	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	305.69	After	Interior Girder 6	47.01	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	305.69	After	Right Exterior Girder	47.01	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	315.1	Before	Left Exterior Girder	56.42	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	315.1	Before	Interior Girder 1	56.42	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	315.1	Before	Interior Girder 2	56.42	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	315.1	Before	Interior Girder 3	56.42	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	315.1	Before	Interior Girder 4	56.42	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	315.1	Before	Interior Girder 5	56.42	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	315.1	Before	Interior Girder 6	56.42	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	315.1	Before	Right Exterior Girder	56.42	0.95	1	1	10000000
Gravel Truck_str	BOBJ1	0	After	Left Exterior Girder	0	0.95	1	1	9.701551
Gravel Truck_str	BOBJ1	0	After	Interior Girder 1	0	0.95	1	1	6.64321
Gravel Truck_str	BOBJ1	0	After	Interior Girder 2	0	0.95	1	1	6.086995
Gravel Truck_str	BOBJ1	0	After	Interior Girder 3	0	0.95	1	1	5.642321
Gravel Truck_str	BOBJ1	0	After	Interior Girder 4	0	0.95	1	1	5.642321
Gravel Truck_str	BOBJ1	0	After	Interior Girder 5	0	0.95	1	1	6.086995
Gravel Truck_str	BOBJ1	0	After	Interior Girder 6	0	0.95	1	1	6.64321
Gravel Truck_str	BOBJ1	0	After	Right Exterior Girder	0	0.95	1	1	9.701551
Gravel Truck_str	BOBJ1	9.4	Before	Left Exterior Girder	9.4	0.95	1	1	9.879161
Gravel Truck_str	BOBJ1	9.4	Before	Interior Girder 1	9.4	0.95	1	1	6.817558
Gravel Truck_str	BOBJ1	9.4	Before	Interior Girder 2	9.4	0.95	1	1	6.246106
Gravel Truck_str	BOBJ1	9.4	Before	Interior Girder 3	9.4	0.95	1	1	5.79028

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Approach, Span 7-11									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Gravel Truck_str	BOBJ1	9.4	Before	Interior Girder 4	9.4	0.95	1	1	5.79028
Gravel Truck_str	BOBJ1	9.4	Before	Interior Girder 5	9.4	0.95	1	1	6.246106
Gravel Truck_str	BOBJ1	9.4	Before	Interior Girder 6	9.4	0.95	1	1	6.817558
Gravel Truck_str	BOBJ1	9.4	Before	Right Exterior Girder	9.4	0.95	1	1	9.879161
Gravel Truck_str	BOBJ1	9.4	After	Left Exterior Girder	9.4	0.95	1	1	12.951834
Gravel Truck_str	BOBJ1	9.4	After	Interior Girder 1	9.4	0.95	1	1	11.219667
Gravel Truck_str	BOBJ1	9.4	After	Interior Girder 2	9.4	0.95	1	1	9.954112
Gravel Truck_str	BOBJ1	9.4	After	Interior Girder 3	9.4	0.95	1	1	9.545628
Gravel Truck_str	BOBJ1	9.4	After	Interior Girder 4	9.4	0.95	1	1	9.545628
Gravel Truck_str	BOBJ1	9.4	After	Interior Girder 5	9.4	0.95	1	1	9.954112
Gravel Truck_str	BOBJ1	9.4	After	Interior Girder 6	9.4	0.95	1	1	11.219667
Gravel Truck_str	BOBJ1	9.4	After	Right Exterior Girder	9.4	0.95	1	1	12.951834
Gravel Truck_str	BOBJ1	18.8	Before	Left Exterior Girder	18.8	0.95	1	1	13.176876
Gravel Truck_str	BOBJ1	18.8	Before	Interior Girder 1	18.8	0.95	1	1	11.504622
Gravel Truck_str	BOBJ1	18.8	Before	Interior Girder 2	18.8	0.95	1	1	10.205371
Gravel Truck_str	BOBJ1	18.8	Before	Interior Girder 3	18.8	0.95	1	1	9.787042
Gravel Truck_str	BOBJ1	18.8	Before	Interior Girder 4	18.8	0.95	1	1	9.787042
Gravel Truck_str	BOBJ1	18.8	Before	Interior Girder 5	18.8	0.95	1	1	10.205371
Gravel Truck_str	BOBJ1	18.8	Before	Interior Girder 6	18.8	0.95	1	1	11.504622
Gravel Truck_str	BOBJ1	18.8	Before	Right Exterior Girder	18.8	0.95	1	1	13.176876
Gravel Truck_str	BOBJ1	18.8	After	Left Exterior Girder	18.8	0.95	1	1	25.813565
Gravel Truck_str	BOBJ1	18.8	After	Interior Girder 1	18.8	0.95	1	1	12.243132
Gravel Truck_str	BOBJ1	18.8	After	Interior Girder 2	18.8	0.95	1	1	10.858823
Gravel Truck_str	BOBJ1	18.8	After	Interior Girder 3	18.8	0.95	1	1	9.176411
Gravel Truck_str	BOBJ1	18.8	After	Interior Girder 4	18.8	0.95	1	1	9.176411
Gravel Truck_str	BOBJ1	18.8	After	Interior Girder 5	18.8	0.95	1	1	10.858823
Gravel Truck_str	BOBJ1	18.8	After	Interior Girder 6	18.8	0.95	1	1	12.243132
Gravel Truck_str	BOBJ1	18.8	After	Right Exterior Girder	18.8	0.95	1	1	25.813565
Gravel Truck_str	BOBJ1	28.2	Before	Left Exterior Girder	28.2	0.95	1	1	25.382111
Gravel Truck_str	BOBJ1	28.2	Before	Interior Girder 1	28.2	0.95	1	1	12.540579
Gravel Truck_str	BOBJ1	28.2	Before	Interior Girder 2	28.2	0.95	1	1	11.12367
Gravel Truck_str	BOBJ1	28.2	Before	Interior Girder 3	28.2	0.95	1	1	9.40045
Gravel Truck_str	BOBJ1	28.2	Before	Interior Girder 4	28.2	0.95	1	1	9.40045
Gravel Truck_str	BOBJ1	28.2	Before	Interior Girder 5	28.2	0.95	1	1	11.12367
Gravel Truck_str	BOBJ1	28.2	Before	Interior Girder 6	28.2	0.95	1	1	12.540579
Gravel Truck_str	BOBJ1	28.2	Before	Right Exterior Girder	28.2	0.95	1	1	25.382112
Gravel Truck_str	BOBJ1	28.2	After	Left Exterior Girder	28.2	0.95	1	1	15.822606
Gravel Truck_str	BOBJ1	28.2	After	Interior Girder 1	28.2	0.95	1	1	8.963199
Gravel Truck_str	BOBJ1	28.2	After	Interior Girder 2	28.2	0.95	1	1	8.215017
Gravel Truck_str	BOBJ1	28.2	After	Interior Girder 3	28.2	0.95	1	1	7.1356
Gravel Truck_str	BOBJ1	28.2	After	Interior Girder 4	28.2	0.95	1	1	7.1356
Gravel Truck_str	BOBJ1	28.2	After	Interior Girder 5	28.2	0.95	1	1	8.215017
Gravel Truck_str	BOBJ1	28.2	After	Interior Girder 6	28.2	0.95	1	1	8.963199
Gravel Truck_str	BOBJ1	28.2	After	Right Exterior Girder	28.2	0.95	1	1	15.822606
Gravel Truck_str	BOBJ1	37.6	Before	Left Exterior Girder	37.6	0.95	1	1	15.544695
Gravel Truck_str	BOBJ1	37.6	Before	Interior Girder 1	37.6	0.95	1	1	8.738468
Gravel Truck_str	BOBJ1	37.6	Before	Interior Girder 2	37.6	0.95	1	1	8.009358
Gravel Truck_str	BOBJ1	37.6	Before	Interior Girder 3	37.6	0.95	1	1	6.957195
Gravel Truck_str	BOBJ1	37.6	Before	Interior Girder 4	37.6	0.95	1	1	6.957195
Gravel Truck_str	BOBJ1	37.6	Before	Interior Girder 5	37.6	0.95	1	1	8.009358
Gravel Truck_str	BOBJ1	37.6	Before	Interior Girder 6	37.6	0.95	1	1	8.738468
Gravel Truck_str	BOBJ1	37.6	Before	Right Exterior Girder	37.6	0.95	1	1	15.544695
Gravel Truck_str	BOBJ1	37.6	After	Left Exterior Girder	37.6	0.95	1	1	8.810818
Gravel Truck_str	BOBJ1	37.6	After	Interior Girder 1	37.6	0.95	1	1	7.832108
Gravel Truck_str	BOBJ1	37.6	After	Interior Girder 2	37.6	0.95	1	1	7.049726
Gravel Truck_str	BOBJ1	37.6	After	Interior Girder 3	37.6	0.95	1	1	6.578388
Gravel Truck_str	BOBJ1	37.6	After	Interior Girder 4	37.6	0.95	1	1	6.578388
Gravel Truck_str	BOBJ1	37.6	After	Interior Girder 5	37.6	0.95	1	1	7.049726
Gravel Truck_str	BOBJ1	37.6	After	Interior Girder 6	37.6	0.95	1	1	7.832108
Gravel Truck_str	BOBJ1	37.6	After	Right Exterior Girder	37.6	0.95	1	1	8.810818
Gravel Truck_str	BOBJ1	47.01	Before	Left Exterior Girder	47.01	0.95	1	1	8.647657
Gravel Truck_str	BOBJ1	47.01	Before	Interior Girder 1	47.01	0.95	1	1	7.628008
Gravel Truck_str	BOBJ1	47.01	Before	Interior Girder 2	47.01	0.95	1	1	6.867878
Gravel Truck_str	BOBJ1	47.01	Before	Interior Girder 3	47.01	0.95	1	1	6.406496
Gravel Truck_str	BOBJ1	47.01	Before	Interior Girder 4	47.01	0.95	1	1	6.406496

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Approach, Span 7-11									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Gravel Truck_str	BOBJ1	47.01	Before	Interior Girder 5	47.01	0.95	1	1	6.867878
Gravel Truck_str	BOBJ1	47.01	Before	Interior Girder 6	47.01	0.95	1	1	7.628008
Gravel Truck_str	BOBJ1	47.01	Before	Right Exterior Girder	47.01	0.95	1	1	8.647657
Gravel Truck_str	BOBJ1	47.01	After	Left Exterior Girder	47.01	0.95	1	1	7.038967
Gravel Truck_str	BOBJ1	47.01	After	Interior Girder 1	47.01	0.95	1	1	5.403696
Gravel Truck_str	BOBJ1	47.01	After	Interior Girder 2	47.01	0.95	1	1	4.798277
Gravel Truck_str	BOBJ1	47.01	After	Interior Girder 3	47.01	0.95	1	1	4.123862
Gravel Truck_str	BOBJ1	47.01	After	Interior Girder 4	47.01	0.95	1	1	4.123862
Gravel Truck_str	BOBJ1	47.01	After	Interior Girder 5	47.01	0.95	1	1	4.798277
Gravel Truck_str	BOBJ1	47.01	After	Interior Girder 6	47.01	0.95	1	1	5.403696
Gravel Truck_str	BOBJ1	47.01	After	Right Exterior Girder	47.01	0.95	1	1	7.038967
Gravel Truck_str	BOBJ1	49.42	Before	Left Exterior Girder	49.42	0.95	1	1	7.003628
Gravel Truck_str	BOBJ1	49.42	Before	Right Exterior Girder	49.42	0.95	1	1	7.003628
Gravel Truck_str	BOBJ1	49.42	After	Left Exterior Girder	49.42	0.95	1	1	6.420601
Gravel Truck_str	BOBJ1	49.42	After	Right Exterior Girder	49.42	0.95	1	1	6.420601
Gravel Truck_str	BOBJ1	51.92	Before	Interior Girder 1	51.92	0.95	1	1	5.031816
Gravel Truck_str	BOBJ1	51.92	Before	Interior Girder 2	51.92	0.95	1	1	4.731621
Gravel Truck_str	BOBJ1	51.92	Before	Interior Girder 3	51.92	0.95	1	1	4.065564
Gravel Truck_str	BOBJ1	51.92	Before	Interior Girder 4	51.92	0.95	1	1	4.065564
Gravel Truck_str	BOBJ1	51.92	Before	Interior Girder 5	51.92	0.95	1	1	4.731621
Gravel Truck_str	BOBJ1	51.92	Before	Interior Girder 6	51.92	0.95	1	1	5.031816
Gravel Truck_str	BOBJ1	51.92	After	Interior Girder 1	51.92	0.95	1	1	4.255568
Gravel Truck_str	BOBJ1	51.92	After	Interior Girder 2	51.92	0.95	1	1	3.992716
Gravel Truck_str	BOBJ1	51.92	After	Interior Girder 3	51.92	0.95	1	1	3.210791
Gravel Truck_str	BOBJ1	51.92	After	Interior Girder 4	51.92	0.95	1	1	3.210791
Gravel Truck_str	BOBJ1	51.92	After	Interior Girder 5	51.92	0.95	1	1	3.992716
Gravel Truck_str	BOBJ1	51.92	After	Interior Girder 6	51.92	0.95	1	1	4.255568
Gravel Truck_str	BOBJ1	56.42	Before	Left Exterior Girder	56.42	0.95	1	1	7.304129
Gravel Truck_str	BOBJ1	56.42	Before	Interior Girder 1	56.42	0.95	1	1	4.198639
Gravel Truck_str	BOBJ1	56.42	Before	Interior Girder 2	56.42	0.95	1	1	3.939822
Gravel Truck_str	BOBJ1	56.42	Before	Interior Girder 3	56.42	0.95	1	1	3.167281
Gravel Truck_str	BOBJ1	56.42	Before	Interior Girder 4	56.42	0.95	1	1	3.167281
Gravel Truck_str	BOBJ1	56.42	Before	Interior Girder 5	56.42	0.95	1	1	3.939822
Gravel Truck_str	BOBJ1	56.42	Before	Interior Girder 6	56.42	0.95	1	1	4.198639
Gravel Truck_str	BOBJ1	56.42	Before	Right Exterior Girder	56.42	0.95	1	1	7.304129
Gravel Truck_str	BOBJ1	56.42	After	Left Exterior Girder	0	0.95	1	1	6.980728
Gravel Truck_str	BOBJ1	56.42	After	Interior Girder 1	0	0.95	1	1	4.296668
Gravel Truck_str	BOBJ1	56.42	After	Interior Girder 2	0	0.95	1	1	4.039667
Gravel Truck_str	BOBJ1	56.42	After	Interior Girder 3	0	0.95	1	1	3.264434
Gravel Truck_str	BOBJ1	56.42	After	Interior Girder 4	0	0.95	1	1	3.264434
Gravel Truck_str	BOBJ1	56.42	After	Interior Girder 5	0	0.95	1	1	4.039667
Gravel Truck_str	BOBJ1	56.42	After	Interior Girder 6	0	0.95	1	1	4.296668
Gravel Truck_str	BOBJ1	56.42	After	Right Exterior Girder	0	0.95	1	1	6.980728
Gravel Truck_str	BOBJ1	60.92	Before	Interior Girder 1	4.5	0.95	1	1	4.354555
Gravel Truck_str	BOBJ1	60.92	Before	Interior Girder 2	4.5	0.95	1	1	4.093551
Gravel Truck_str	BOBJ1	60.92	Before	Interior Girder 3	4.5	0.95	1	1	3.309078
Gravel Truck_str	BOBJ1	60.92	Before	Interior Girder 4	4.5	0.95	1	1	3.309078
Gravel Truck_str	BOBJ1	60.92	Before	Interior Girder 5	4.5	0.95	1	1	4.093551
Gravel Truck_str	BOBJ1	60.92	Before	Interior Girder 6	4.5	0.95	1	1	4.354555
Gravel Truck_str	BOBJ1	60.92	After	Interior Girder 1	4.5	0.95	1	1	4.960436
Gravel Truck_str	BOBJ1	60.92	After	Interior Girder 2	4.5	0.95	1	1	4.679946
Gravel Truck_str	BOBJ1	60.92	After	Interior Girder 3	4.5	0.95	1	1	4.003674
Gravel Truck_str	BOBJ1	60.92	After	Interior Girder 4	4.5	0.95	1	1	4.003674
Gravel Truck_str	BOBJ1	60.92	After	Interior Girder 5	4.5	0.95	1	1	4.679946
Gravel Truck_str	BOBJ1	60.92	After	Interior Girder 6	4.5	0.95	1	1	4.960436
Gravel Truck_str	BOBJ1	63.42	Before	Left Exterior Girder	7	0.95	1	1	5.928688
Gravel Truck_str	BOBJ1	63.42	Before	Right Exterior Girder	7	0.95	1	1	5.928688
Gravel Truck_str	BOBJ1	63.42	After	Left Exterior Girder	7	0.95	1	1	6.3252
Gravel Truck_str	BOBJ1	63.42	After	Right Exterior Girder	7	0.95	1	1	6.3252
Gravel Truck_str	BOBJ1	64.845	Before	Left Exterior Girder	8.425	0.95	1	1	6.34403
Gravel Truck_str	BOBJ1	64.845	Before	Interior Girder 1	8.425	0.95	1	1	5.49611
Gravel Truck_str	BOBJ1	64.845	Before	Interior Girder 2	8.425	0.95	1	1	4.732328
Gravel Truck_str	BOBJ1	64.845	Before	Interior Girder 3	8.425	0.95	1	1	4.049402
Gravel Truck_str	BOBJ1	64.845	Before	Interior Girder 4	8.425	0.95	1	1	4.049402
Gravel Truck_str	BOBJ1	64.845	Before	Interior Girder 5	8.425	0.95	1	1	4.732328

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Approach, Span 7-11									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Gravel Truck_str	BOBJ1	64.845	Before	Interior Girder 6	8.425	0.95	1	1	5.49611
Gravel Truck_str	BOBJ1	64.845	Before	Right Exterior Girder	8.425	0.95	1	1	6.34403
Gravel Truck_str	BOBJ1	64.845	After	Left Exterior Girder	8.425	0.95	1	1	7.624689
Gravel Truck_str	BOBJ1	64.845	After	Interior Girder 1	8.425	0.95	1	1	6.188072
Gravel Truck_str	BOBJ1	64.845	After	Interior Girder 2	8.425	0.95	1	1	5.710934
Gravel Truck_str	BOBJ1	64.845	After	Interior Girder 3	8.425	0.95	1	1	5.160554
Gravel Truck_str	BOBJ1	64.845	After	Interior Girder 4	8.425	0.95	1	1	5.160554
Gravel Truck_str	BOBJ1	64.845	After	Interior Girder 5	8.425	0.95	1	1	5.710934
Gravel Truck_str	BOBJ1	64.845	After	Interior Girder 6	8.425	0.95	1	1	6.188072
Gravel Truck_str	BOBJ1	64.845	After	Right Exterior Girder	8.425	0.95	1	1	7.624689
Gravel Truck_str	BOBJ1	69.92	Before	Left Exterior Girder	13.5	0.95	1	1	7.702794
Gravel Truck_str	BOBJ1	69.92	Before	Interior Girder 1	13.5	0.95	1	1	6.277239
Gravel Truck_str	BOBJ1	69.92	Before	Interior Girder 2	13.5	0.95	1	1	5.792396
Gravel Truck_str	BOBJ1	69.92	Before	Interior Girder 3	13.5	0.95	1	1	5.235437
Gravel Truck_str	BOBJ1	69.92	Before	Interior Girder 4	13.5	0.95	1	1	5.235437
Gravel Truck_str	BOBJ1	69.92	Before	Interior Girder 5	13.5	0.95	1	1	5.792396
Gravel Truck_str	BOBJ1	69.92	Before	Interior Girder 6	13.5	0.95	1	1	6.277239
Gravel Truck_str	BOBJ1	69.92	Before	Right Exterior Girder	13.5	0.95	1	1	7.702794
Gravel Truck_str	BOBJ1	69.92	After	Left Exterior Girder	13.5	0.95	1	1	7.325699
Gravel Truck_str	BOBJ1	69.92	After	Interior Girder 1	13.5	0.95	1	1	6.736777
Gravel Truck_str	BOBJ1	69.92	After	Interior Girder 2	13.5	0.95	1	1	6.184234
Gravel Truck_str	BOBJ1	69.92	After	Interior Girder 3	13.5	0.95	1	1	5.702868
Gravel Truck_str	BOBJ1	69.92	After	Interior Girder 4	13.5	0.95	1	1	5.702868
Gravel Truck_str	BOBJ1	69.92	After	Interior Girder 5	13.5	0.95	1	1	6.184234
Gravel Truck_str	BOBJ1	69.92	After	Interior Girder 6	13.5	0.95	1	1	6.736777
Gravel Truck_str	BOBJ1	69.92	After	Right Exterior Girder	13.5	0.95	1	1	7.325699
Gravel Truck_str	BOBJ1	73.27	Before	Left Exterior Girder	16.85	0.95	1	1	7.378287
Gravel Truck_str	BOBJ1	73.27	Before	Interior Girder 1	16.85	0.95	1	1	6.8021
Gravel Truck_str	BOBJ1	73.27	Before	Interior Girder 2	16.85	0.95	1	1	6.243553
Gravel Truck_str	BOBJ1	73.27	Before	Interior Girder 3	16.85	0.95	1	1	5.758461
Gravel Truck_str	BOBJ1	73.27	Before	Interior Girder 4	16.85	0.95	1	1	5.758461
Gravel Truck_str	BOBJ1	73.27	Before	Interior Girder 5	16.85	0.95	1	1	6.243553
Gravel Truck_str	BOBJ1	73.27	Before	Interior Girder 6	16.85	0.95	1	1	6.8021
Gravel Truck_str	BOBJ1	73.27	Before	Right Exterior Girder	16.85	0.95	1	1	7.378287
Gravel Truck_str	BOBJ1	73.27	After	Left Exterior Girder	16.85	0.95	1	1	11.374608
Gravel Truck_str	BOBJ1	73.27	After	Interior Girder 1	16.85	0.95	1	1	7.572728
Gravel Truck_str	BOBJ1	73.27	After	Interior Girder 2	16.85	0.95	1	1	7.033774
Gravel Truck_str	BOBJ1	73.27	After	Interior Girder 3	16.85	0.95	1	1	6.397289
Gravel Truck_str	BOBJ1	73.27	After	Interior Girder 4	16.85	0.95	1	1	6.397289
Gravel Truck_str	BOBJ1	73.27	After	Interior Girder 5	16.85	0.95	1	1	7.033774
Gravel Truck_str	BOBJ1	73.27	After	Interior Girder 6	16.85	0.95	1	1	7.572728
Gravel Truck_str	BOBJ1	73.27	After	Right Exterior Girder	16.85	0.95	1	1	11.374608
Gravel Truck_str	BOBJ1	81.695	Before	Left Exterior Girder	25.275	0.95	1	1	11.573092
Gravel Truck_str	BOBJ1	81.695	Before	Interior Girder 1	25.275	0.95	1	1	7.754338
Gravel Truck_str	BOBJ1	81.695	Before	Interior Girder 2	25.275	0.95	1	1	7.202038
Gravel Truck_str	BOBJ1	81.695	Before	Interior Girder 3	25.275	0.95	1	1	6.550221
Gravel Truck_str	BOBJ1	81.695	Before	Interior Girder 4	25.275	0.95	1	1	6.550221
Gravel Truck_str	BOBJ1	81.695	Before	Interior Girder 5	25.275	0.95	1	1	7.202038
Gravel Truck_str	BOBJ1	81.695	Before	Interior Girder 6	25.275	0.95	1	1	7.754338
Gravel Truck_str	BOBJ1	81.695	Before	Right Exterior Girder	25.275	0.95	1	1	11.573092
Gravel Truck_str	BOBJ1	81.695	After	Left Exterior Girder	25.275	0.95	1	1	14.993504
Gravel Truck_str	BOBJ1	81.695	After	Interior Girder 1	25.275	0.95	1	1	12.069021
Gravel Truck_str	BOBJ1	81.695	After	Interior Girder 2	25.275	0.95	1	1	10.938512
Gravel Truck_str	BOBJ1	81.695	After	Interior Girder 3	25.275	0.95	1	1	9.702985
Gravel Truck_str	BOBJ1	81.695	After	Interior Girder 4	25.275	0.95	1	1	9.702985
Gravel Truck_str	BOBJ1	81.695	After	Interior Girder 5	25.275	0.95	1	1	10.938512
Gravel Truck_str	BOBJ1	81.695	After	Interior Girder 6	25.275	0.95	1	1	12.069021
Gravel Truck_str	BOBJ1	81.695	After	Right Exterior Girder	25.275	0.95	1	1	14.993504
Gravel Truck_str	BOBJ1	90.12	Before	Left Exterior Girder	33.7	0.95	1	1	15.24224
Gravel Truck_str	BOBJ1	90.12	Before	Interior Girder 1	33.7	0.95	1	1	12.349764
Gravel Truck_str	BOBJ1	90.12	Before	Interior Girder 2	33.7	0.95	1	1	11.191759
Gravel Truck_str	BOBJ1	90.12	Before	Interior Girder 3	33.7	0.95	1	1	9.490384
Gravel Truck_str	BOBJ1	90.12	Before	Interior Girder 4	33.7	0.95	1	1	9.490384
Gravel Truck_str	BOBJ1	90.12	Before	Interior Girder 5	33.7	0.95	1	1	11.191759
Gravel Truck_str	BOBJ1	90.12	Before	Interior Girder 6	33.7	0.95	1	1	12.349764

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Approach, Span 7-11									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Gravel Truck_str	BOBJ1	90.12	Before	Right Exterior Girder	33.7	0.95	1	1	15.24224
Gravel Truck_str	BOBJ1	90.12	After	Left Exterior Girder	33.7	0.95	1	1	16.017784
Gravel Truck_str	BOBJ1	90.12	After	Interior Girder 1	33.7	0.95	1	1	12.673266
Gravel Truck_str	BOBJ1	90.12	After	Interior Girder 2	33.7	0.95	1	1	11.165254
Gravel Truck_str	BOBJ1	90.12	After	Interior Girder 3	33.7	0.95	1	1	9.40341
Gravel Truck_str	BOBJ1	90.12	After	Interior Girder 4	33.7	0.95	1	1	9.40341
Gravel Truck_str	BOBJ1	90.12	After	Interior Girder 5	33.7	0.95	1	1	11.165254
Gravel Truck_str	BOBJ1	90.12	After	Interior Girder 6	33.7	0.95	1	1	12.673266
Gravel Truck_str	BOBJ1	90.12	After	Right Exterior Girder	33.7	0.95	1	1	16.017784
Gravel Truck_str	BOBJ1	98.545	Before	Left Exterior Girder	42.125	0.95	1	1	15.757203
Gravel Truck_str	BOBJ1	98.545	Before	Interior Girder 1	42.125	0.95	1	1	12.385571
Gravel Truck_str	BOBJ1	98.545	Before	Interior Girder 2	42.125	0.95	1	1	11.140069
Gravel Truck_str	BOBJ1	98.545	Before	Interior Girder 3	42.125	0.95	1	1	9.614203
Gravel Truck_str	BOBJ1	98.545	Before	Interior Girder 4	42.125	0.95	1	1	9.614203
Gravel Truck_str	BOBJ1	98.545	Before	Interior Girder 5	42.125	0.95	1	1	11.140069
Gravel Truck_str	BOBJ1	98.545	Before	Interior Girder 6	42.125	0.95	1	1	12.385571
Gravel Truck_str	BOBJ1	98.545	Before	Right Exterior Girder	42.125	0.95	1	1	15.757203
Gravel Truck_str	BOBJ1	98.545	After	Left Exterior Girder	42.125	0.95	1	1	11.973876
Gravel Truck_str	BOBJ1	98.545	After	Interior Girder 1	42.125	0.95	1	1	7.885718
Gravel Truck_str	BOBJ1	98.545	After	Interior Girder 2	42.125	0.95	1	1	7.289777
Gravel Truck_str	BOBJ1	98.545	After	Interior Girder 3	42.125	0.95	1	1	6.603336
Gravel Truck_str	BOBJ1	98.545	After	Interior Girder 4	42.125	0.95	1	1	6.603336
Gravel Truck_str	BOBJ1	98.545	After	Interior Girder 5	42.125	0.95	1	1	7.289777
Gravel Truck_str	BOBJ1	98.545	After	Interior Girder 6	42.125	0.95	1	1	7.885718
Gravel Truck_str	BOBJ1	98.545	After	Right Exterior Girder	42.125	0.95	1	1	11.973876
Gravel Truck_str	BOBJ1	106.97	Before	Left Exterior Girder	50.55	0.95	1	1	11.769203
Gravel Truck_str	BOBJ1	106.97	Before	Interior Girder 1	50.55	0.95	1	1	7.701279
Gravel Truck_str	BOBJ1	106.97	Before	Interior Girder 2	50.55	0.95	1	1	7.119588
Gravel Truck_str	BOBJ1	106.97	Before	Interior Girder 3	50.55	0.95	1	1	6.449278
Gravel Truck_str	BOBJ1	106.97	Before	Interior Girder 4	50.55	0.95	1	1	6.449278
Gravel Truck_str	BOBJ1	106.97	Before	Interior Girder 5	50.55	0.95	1	1	7.119588
Gravel Truck_str	BOBJ1	106.97	Before	Interior Girder 6	50.55	0.95	1	1	7.701279
Gravel Truck_str	BOBJ1	106.97	Before	Right Exterior Girder	50.55	0.95	1	1	11.769203
Gravel Truck_str	BOBJ1	106.97	After	Left Exterior Girder	50.55	0.95	1	1	7.419487
Gravel Truck_str	BOBJ1	106.97	After	Interior Girder 1	50.55	0.95	1	1	6.964331
Gravel Truck_str	BOBJ1	106.97	After	Interior Girder 2	50.55	0.95	1	1	6.410071
Gravel Truck_str	BOBJ1	106.97	After	Interior Girder 3	50.55	0.95	1	1	5.957237
Gravel Truck_str	BOBJ1	106.97	After	Interior Girder 4	50.55	0.95	1	1	5.957237
Gravel Truck_str	BOBJ1	106.97	After	Interior Girder 5	50.55	0.95	1	1	6.410071
Gravel Truck_str	BOBJ1	106.97	After	Interior Girder 6	50.55	0.95	1	1	6.964331
Gravel Truck_str	BOBJ1	106.97	After	Right Exterior Girder	50.55	0.95	1	1	7.419487
Gravel Truck_str	BOBJ1	115.405	Before	Left Exterior Girder	58.985	0.95	1	1	7.28562
Gravel Truck_str	BOBJ1	115.405	Before	Interior Girder 1	58.985	0.95	1	1	6.795464
Gravel Truck_str	BOBJ1	115.405	Before	Interior Girder 2	58.985	0.95	1	1	6.25641
Gravel Truck_str	BOBJ1	115.405	Before	Interior Girder 3	58.985	0.95	1	1	5.812165
Gravel Truck_str	BOBJ1	115.405	Before	Interior Girder 4	58.985	0.95	1	1	5.812165
Gravel Truck_str	BOBJ1	115.405	Before	Interior Girder 5	58.985	0.95	1	1	6.25641
Gravel Truck_str	BOBJ1	115.405	Before	Interior Girder 6	58.985	0.95	1	1	6.795464
Gravel Truck_str	BOBJ1	115.405	Before	Right Exterior Girder	58.985	0.95	1	1	7.28562
Gravel Truck_str	BOBJ1	115.405	After	Left Exterior Girder	58.985	0.95	1	1	4.724617
Gravel Truck_str	BOBJ1	115.405	After	Interior Girder 1	58.985	0.95	1	1	5.922455
Gravel Truck_str	BOBJ1	115.405	After	Interior Girder 2	58.985	0.95	1	1	4.547777
Gravel Truck_str	BOBJ1	115.405	After	Interior Girder 3	58.985	0.95	1	1	3.87481
Gravel Truck_str	BOBJ1	115.405	After	Interior Girder 4	58.985	0.95	1	1	3.87481
Gravel Truck_str	BOBJ1	115.405	After	Interior Girder 5	58.985	0.95	1	1	4.547777
Gravel Truck_str	BOBJ1	115.405	After	Interior Girder 6	58.985	0.95	1	1	5.922455
Gravel Truck_str	BOBJ1	115.405	After	Right Exterior Girder	58.985	0.95	1	1	4.724617
Gravel Truck_str	BOBJ1	116.34	Before	Left Exterior Girder	59.92	0.95	1	1	4.714259
Gravel Truck_str	BOBJ1	116.34	Before	Right Exterior Girder	59.92	0.95	1	1	4.714259
Gravel Truck_str	BOBJ1	116.34	After	Left Exterior Girder	59.92	0.95	1	1	4.436046
Gravel Truck_str	BOBJ1	116.34	After	Right Exterior Girder	59.92	0.95	1	1	4.436046
Gravel Truck_str	BOBJ1	118.84	Before	Interior Girder 1	62.42	0.95	1	1	4.752146
Gravel Truck_str	BOBJ1	118.84	Before	Interior Girder 2	62.42	0.95	1	1	4.502093
Gravel Truck_str	BOBJ1	118.84	Before	Interior Girder 3	62.42	0.95	1	1	3.835085
Gravel Truck_str	BOBJ1	118.84	Before	Interior Girder 4	62.42	0.95	1	1	3.835085

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Approach, Span 7-11									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Gravel Truck_str	BOBJ1	118.84	Before	Interior Girder 5	62.42	0.95	1	1	4.502093
Gravel Truck_str	BOBJ1	118.84	Before	Interior Girder 6	62.42	0.95	1	1	4.752146
Gravel Truck_str	BOBJ1	118.84	After	Interior Girder 1	62.42	0.95	1	1	4.207842
Gravel Truck_str	BOBJ1	118.84	After	Interior Girder 2	62.42	0.95	1	1	3.961535
Gravel Truck_str	BOBJ1	118.84	After	Interior Girder 3	62.42	0.95	1	1	3.217108
Gravel Truck_str	BOBJ1	118.84	After	Interior Girder 4	62.42	0.95	1	1	3.217108
Gravel Truck_str	BOBJ1	118.84	After	Interior Girder 5	62.42	0.95	1	1	3.961535
Gravel Truck_str	BOBJ1	118.84	After	Interior Girder 6	62.42	0.95	1	1	4.207842
Gravel Truck_str	BOBJ1	123.84	Before	Left Exterior Girder	67.42	0.95	1	1	6.291677
Gravel Truck_str	BOBJ1	123.84	Before	Interior Girder 1	67.42	0.95	1	1	4.141994
Gravel Truck_str	BOBJ1	123.84	Before	Interior Girder 2	67.42	0.95	1	1	3.900225
Gravel Truck_str	BOBJ1	123.84	Before	Interior Girder 3	67.42	0.95	1	1	3.166071
Gravel Truck_str	BOBJ1	123.84	Before	Interior Girder 4	67.42	0.95	1	1	3.166071
Gravel Truck_str	BOBJ1	123.84	Before	Interior Girder 5	67.42	0.95	1	1	3.900225
Gravel Truck_str	BOBJ1	123.84	Before	Interior Girder 6	67.42	0.95	1	1	4.141994
Gravel Truck_str	BOBJ1	123.84	Before	Right Exterior Girder	67.42	0.95	1	1	6.291677
Gravel Truck_str	BOBJ1	123.84	After	Left Exterior Girder	0	0.95	1	1	6.231293
Gravel Truck_str	BOBJ1	123.84	After	Interior Girder 1	0	0.95	1	1	4.130703
Gravel Truck_str	BOBJ1	123.84	After	Interior Girder 2	0	0.95	1	1	3.892459
Gravel Truck_str	BOBJ1	123.84	After	Interior Girder 3	0	0.95	1	1	3.162148
Gravel Truck_str	BOBJ1	123.84	After	Interior Girder 4	0	0.95	1	1	3.162148
Gravel Truck_str	BOBJ1	123.84	After	Interior Girder 5	0	0.95	1	1	3.892459
Gravel Truck_str	BOBJ1	123.84	After	Interior Girder 6	0	0.95	1	1	4.130703
Gravel Truck_str	BOBJ1	123.84	After	Right Exterior Girder	0	0.95	1	1	6.231293
Gravel Truck_str	BOBJ1	128.84	Before	Interior Girder 1	5	0.95	1	1	4.196431
Gravel Truck_str	BOBJ1	128.84	Before	Interior Girder 2	5	0.95	1	1	3.953687
Gravel Truck_str	BOBJ1	128.84	Before	Interior Girder 3	5	0.95	1	1	3.213152
Gravel Truck_str	BOBJ1	128.84	Before	Interior Girder 4	5	0.95	1	1	3.213152
Gravel Truck_str	BOBJ1	128.84	Before	Interior Girder 5	5	0.95	1	1	3.953687
Gravel Truck_str	BOBJ1	128.84	Before	Interior Girder 6	5	0.95	1	1	4.196431
Gravel Truck_str	BOBJ1	128.84	After	Interior Girder 1	5	0.95	1	1	4.733069
Gravel Truck_str	BOBJ1	128.84	After	Interior Girder 2	5	0.95	1	1	4.489328
Gravel Truck_str	BOBJ1	128.84	After	Interior Girder 3	5	0.95	1	1	3.82713
Gravel Truck_str	BOBJ1	128.84	After	Interior Girder 4	5	0.95	1	1	3.82713
Gravel Truck_str	BOBJ1	128.84	After	Interior Girder 5	5	0.95	1	1	4.489328
Gravel Truck_str	BOBJ1	128.84	After	Interior Girder 6	5	0.95	1	1	4.733069
Gravel Truck_str	BOBJ1	131.34	Before	Left Exterior Girder	7.5	0.95	1	1	4.388662
Gravel Truck_str	BOBJ1	131.34	Before	Right Exterior Girder	7.5	0.95	1	1	4.388662
Gravel Truck_str	BOBJ1	131.34	After	Left Exterior Girder	7.5	0.95	1	1	4.658151
Gravel Truck_str	BOBJ1	131.34	After	Right Exterior Girder	7.5	0.95	1	1	4.658151
Gravel Truck_str	BOBJ1	132.265	Before	Left Exterior Girder	8.425	0.95	1	1	4.668291
Gravel Truck_str	BOBJ1	132.265	Before	Interior Girder 1	8.425	0.95	1	1	5.913098
Gravel Truck_str	BOBJ1	132.265	Before	Interior Girder 2	8.425	0.95	1	1	4.534779
Gravel Truck_str	BOBJ1	132.265	Before	Interior Girder 3	8.425	0.95	1	1	3.86668
Gravel Truck_str	BOBJ1	132.265	Before	Interior Girder 4	8.425	0.95	1	1	3.86668
Gravel Truck_str	BOBJ1	132.265	Before	Interior Girder 5	8.425	0.95	1	1	4.534779
Gravel Truck_str	BOBJ1	132.265	Before	Interior Girder 6	8.425	0.95	1	1	5.913098
Gravel Truck_str	BOBJ1	132.265	Before	Right Exterior Girder	8.425	0.95	1	1	4.668291
Gravel Truck_str	BOBJ1	132.265	After	Left Exterior Girder	8.425	0.95	1	1	7.197604
Gravel Truck_str	BOBJ1	132.265	After	Interior Girder 1	8.425	0.95	1	1	6.744112
Gravel Truck_str	BOBJ1	132.265	After	Interior Girder 2	8.425	0.95	1	1	6.22536
Gravel Truck_str	BOBJ1	132.265	After	Interior Girder 3	8.425	0.95	1	1	5.785976
Gravel Truck_str	BOBJ1	132.265	After	Interior Girder 4	8.425	0.95	1	1	5.785976
Gravel Truck_str	BOBJ1	132.265	After	Interior Girder 5	8.425	0.95	1	1	6.22536
Gravel Truck_str	BOBJ1	132.265	After	Interior Girder 6	8.425	0.95	1	1	6.744112
Gravel Truck_str	BOBJ1	132.265	After	Right Exterior Girder	8.425	0.95	1	1	7.197604
Gravel Truck_str	BOBJ1	140.69	Before	Left Exterior Girder	16.85	0.95	1	1	7.329831
Gravel Truck_str	BOBJ1	140.69	Before	Interior Girder 1	16.85	0.95	1	1	6.911659
Gravel Truck_str	BOBJ1	140.69	Before	Interior Girder 2	16.85	0.95	1	1	6.37818
Gravel Truck_str	BOBJ1	140.69	Before	Interior Girder 3	16.85	0.95	1	1	5.930307
Gravel Truck_str	BOBJ1	140.69	Before	Interior Girder 4	16.85	0.95	1	1	5.930307
Gravel Truck_str	BOBJ1	140.69	Before	Interior Girder 5	16.85	0.95	1	1	6.37818
Gravel Truck_str	BOBJ1	140.69	Before	Interior Girder 6	16.85	0.95	1	1	6.911659
Gravel Truck_str	BOBJ1	140.69	Before	Right Exterior Girder	16.85	0.95	1	1	7.329831
Gravel Truck_str	BOBJ1	140.69	After	Left Exterior Girder	16.85	0.95	1	1	11.588687

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Approach, Span 7-11									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Gravel Truck_str	BOBJ1	140.69	After	Interior Girder 1	16.85	0.95	1	1	7.628884
Gravel Truck_str	BOBJ1	140.69	After	Interior Girder 2	16.85	0.95	1	1	7.0736
Gravel Truck_str	BOBJ1	140.69	After	Interior Girder 3	16.85	0.95	1	1	6.42903
Gravel Truck_str	BOBJ1	140.69	After	Interior Girder 4	16.85	0.95	1	1	6.42903
Gravel Truck_str	BOBJ1	140.69	After	Interior Girder 5	16.85	0.95	1	1	7.0736
Gravel Truck_str	BOBJ1	140.69	After	Interior Girder 6	16.85	0.95	1	1	7.628884
Gravel Truck_str	BOBJ1	140.69	After	Right Exterior Girder	16.85	0.95	1	1	11.588687
Gravel Truck_str	BOBJ1	149.115	Before	Left Exterior Girder	25.275	0.95	1	1	11.790466
Gravel Truck_str	BOBJ1	149.115	Before	Interior Girder 1	25.275	0.95	1	1	7.811773
Gravel Truck_str	BOBJ1	149.115	Before	Interior Girder 2	25.275	0.95	1	1	7.242798
Gravel Truck_str	BOBJ1	149.115	Before	Interior Girder 3	25.275	0.95	1	1	6.582659
Gravel Truck_str	BOBJ1	149.115	Before	Interior Girder 4	25.275	0.95	1	1	6.582659
Gravel Truck_str	BOBJ1	149.115	Before	Interior Girder 5	25.275	0.95	1	1	7.242798
Gravel Truck_str	BOBJ1	149.115	Before	Interior Girder 6	25.275	0.95	1	1	7.811773
Gravel Truck_str	BOBJ1	149.115	Before	Right Exterior Girder	25.275	0.95	1	1	11.790466
Gravel Truck_str	BOBJ1	149.115	After	Left Exterior Girder	25.275	0.95	1	1	15.355189
Gravel Truck_str	BOBJ1	149.115	After	Interior Girder 1	25.275	0.95	1	1	12.187649
Gravel Truck_str	BOBJ1	149.115	After	Interior Girder 2	25.275	0.95	1	1	11.023255
Gravel Truck_str	BOBJ1	149.115	After	Interior Girder 3	25.275	0.95	1	1	9.648952
Gravel Truck_str	BOBJ1	149.115	After	Interior Girder 4	25.275	0.95	1	1	9.648952
Gravel Truck_str	BOBJ1	149.115	After	Interior Girder 5	25.275	0.95	1	1	11.023255
Gravel Truck_str	BOBJ1	149.115	After	Interior Girder 6	25.275	0.95	1	1	12.187649
Gravel Truck_str	BOBJ1	149.115	After	Right Exterior Girder	25.275	0.95	1	1	15.355189
Gravel Truck_str	BOBJ1	157.54	Before	Left Exterior Girder	33.7	0.95	1	1	15.609421
Gravel Truck_str	BOBJ1	157.54	Before	Interior Girder 1	33.7	0.95	1	1	12.471027
Gravel Truck_str	BOBJ1	157.54	Before	Interior Girder 2	33.7	0.95	1	1	11.214627
Gravel Truck_str	BOBJ1	157.54	Before	Interior Girder 3	33.7	0.95	1	1	9.437461
Gravel Truck_str	BOBJ1	157.54	Before	Interior Girder 4	33.7	0.95	1	1	9.437461
Gravel Truck_str	BOBJ1	157.54	Before	Interior Girder 5	33.7	0.95	1	1	11.214627
Gravel Truck_str	BOBJ1	157.54	Before	Interior Girder 6	33.7	0.95	1	1	12.471027
Gravel Truck_str	BOBJ1	157.54	Before	Right Exterior Girder	33.7	0.95	1	1	15.609421
Gravel Truck_str	BOBJ1	157.54	After	Left Exterior Girder	33.7	0.95	1	1	15.632859
Gravel Truck_str	BOBJ1	157.54	After	Interior Girder 1	33.7	0.95	1	1	12.479711
Gravel Truck_str	BOBJ1	157.54	After	Interior Girder 2	33.7	0.95	1	1	11.210293
Gravel Truck_str	BOBJ1	157.54	After	Interior Girder 3	33.7	0.95	1	1	9.432431
Gravel Truck_str	BOBJ1	157.54	After	Interior Girder 4	33.7	0.95	1	1	9.432431
Gravel Truck_str	BOBJ1	157.54	After	Interior Girder 5	33.7	0.95	1	1	11.210293
Gravel Truck_str	BOBJ1	157.54	After	Interior Girder 6	33.7	0.95	1	1	12.479711
Gravel Truck_str	BOBJ1	157.54	After	Right Exterior Girder	33.7	0.95	1	1	15.632859
Gravel Truck_str	BOBJ1	165.965	Before	Left Exterior Girder	42.125	0.95	1	1	15.378263
Gravel Truck_str	BOBJ1	165.965	Before	Interior Girder 1	42.125	0.95	1	1	12.196142
Gravel Truck_str	BOBJ1	165.965	Before	Interior Girder 2	42.125	0.95	1	1	11.030605
Gravel Truck_str	BOBJ1	165.965	Before	Interior Girder 3	42.125	0.95	1	1	9.643818
Gravel Truck_str	BOBJ1	165.965	Before	Interior Girder 4	42.125	0.95	1	1	9.643818
Gravel Truck_str	BOBJ1	165.965	Before	Interior Girder 5	42.125	0.95	1	1	11.030605
Gravel Truck_str	BOBJ1	165.965	Before	Interior Girder 6	42.125	0.95	1	1	12.196142
Gravel Truck_str	BOBJ1	165.965	Before	Right Exterior Girder	42.125	0.95	1	1	15.378263
Gravel Truck_str	BOBJ1	165.965	After	Left Exterior Girder	42.125	0.95	1	1	11.803238
Gravel Truck_str	BOBJ1	165.965	After	Interior Girder 1	42.125	0.95	1	1	7.815376
Gravel Truck_str	BOBJ1	165.965	After	Interior Girder 2	42.125	0.95	1	1	7.246029
Gravel Truck_str	BOBJ1	165.965	After	Interior Girder 3	42.125	0.95	1	1	6.585602
Gravel Truck_str	BOBJ1	165.965	After	Interior Girder 4	42.125	0.95	1	1	6.585602
Gravel Truck_str	BOBJ1	165.965	After	Interior Girder 5	42.125	0.95	1	1	7.246029
Gravel Truck_str	BOBJ1	165.965	After	Interior Girder 6	42.125	0.95	1	1	7.815376
Gravel Truck_str	BOBJ1	165.965	After	Right Exterior Girder	42.125	0.95	1	1	11.803238
Gravel Truck_str	BOBJ1	174.39	Before	Left Exterior Girder	50.55	0.95	1	1	11.601256
Gravel Truck_str	BOBJ1	174.39	Before	Interior Girder 1	50.55	0.95	1	1	7.632406
Gravel Truck_str	BOBJ1	174.39	Before	Interior Girder 2	50.55	0.95	1	1	7.076759
Gravel Truck_str	BOBJ1	174.39	Before	Interior Girder 3	50.55	0.95	1	1	6.431913
Gravel Truck_str	BOBJ1	174.39	Before	Interior Girder 4	50.55	0.95	1	1	6.431913
Gravel Truck_str	BOBJ1	174.39	Before	Interior Girder 5	50.55	0.95	1	1	7.076759
Gravel Truck_str	BOBJ1	174.39	Before	Interior Girder 6	50.55	0.95	1	1	7.632406
Gravel Truck_str	BOBJ1	174.39	Before	Right Exterior Girder	50.55	0.95	1	1	11.601256
Gravel Truck_str	BOBJ1	174.39	After	Left Exterior Girder	50.55	0.95	1	1	7.336176
Gravel Truck_str	BOBJ1	174.39	After	Interior Girder 1	50.55	0.95	1	1	6.914617

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Approach, Span 7-11									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Gravel Truck_str	BOBJ1	174.39	After	Interior Girder 2	50.55	0.95	1	1	6.379582
Gravel Truck_str	BOBJ1	174.39	After	Interior Girder 3	50.55	0.95	1	1	5.935975
Gravel Truck_str	BOBJ1	174.39	After	Interior Girder 4	50.55	0.95	1	1	5.935975
Gravel Truck_str	BOBJ1	174.39	After	Interior Girder 5	50.55	0.95	1	1	6.379582
Gravel Truck_str	BOBJ1	174.39	After	Interior Girder 6	50.55	0.95	1	1	6.914617
Gravel Truck_str	BOBJ1	174.39	After	Right Exterior Girder	50.55	0.95	1	1	7.336176
Gravel Truck_str	BOBJ1	182.825	Before	Left Exterior Girder	58.985	0.95	1	1	7.203693
Gravel Truck_str	BOBJ1	182.825	Before	Interior Girder 1	58.985	0.95	1	1	6.746791
Gravel Truck_str	BOBJ1	182.825	Before	Interior Girder 2	58.985	0.95	1	1	6.22654
Gravel Truck_str	BOBJ1	182.825	Before	Interior Girder 3	58.985	0.95	1	1	5.79135
Gravel Truck_str	BOBJ1	182.825	Before	Interior Girder 4	58.985	0.95	1	1	5.79135
Gravel Truck_str	BOBJ1	182.825	Before	Interior Girder 5	58.985	0.95	1	1	6.22654
Gravel Truck_str	BOBJ1	182.825	Before	Interior Girder 6	58.985	0.95	1	1	6.746791
Gravel Truck_str	BOBJ1	182.825	Before	Right Exterior Girder	58.985	0.95	1	1	7.203693
Gravel Truck_str	BOBJ1	182.825	After	Left Exterior Girder	58.985	0.95	1	1	4.685528
Gravel Truck_str	BOBJ1	182.825	After	Interior Girder 1	58.985	0.95	1	1	5.899323
Gravel Truck_str	BOBJ1	182.825	After	Interior Girder 2	58.985	0.95	1	1	4.533532
Gravel Truck_str	BOBJ1	182.825	After	Interior Girder 3	58.985	0.95	1	1	3.868165
Gravel Truck_str	BOBJ1	182.825	After	Interior Girder 4	58.985	0.95	1	1	3.868165
Gravel Truck_str	BOBJ1	182.825	After	Interior Girder 5	58.985	0.95	1	1	4.533532
Gravel Truck_str	BOBJ1	182.825	After	Interior Girder 6	58.985	0.95	1	1	5.899323
Gravel Truck_str	BOBJ1	182.825	After	Right Exterior Girder	58.985	0.95	1	1	4.685528
Gravel Truck_str	BOBJ1	183.76	Before	Left Exterior Girder	59.92	0.95	1	1	4.675246
Gravel Truck_str	BOBJ1	183.76	Before	Right Exterior Girder	59.92	0.95	1	1	4.675246
Gravel Truck_str	BOBJ1	183.76	After	Left Exterior Girder	59.92	0.95	1	1	4.40326
Gravel Truck_str	BOBJ1	183.76	After	Right Exterior Girder	59.92	0.95	1	1	4.40326
Gravel Truck_str	BOBJ1	186.26	Before	Interior Girder 1	62.42	0.95	1	1	4.732665
Gravel Truck_str	BOBJ1	186.26	Before	Interior Girder 2	62.42	0.95	1	1	4.487957
Gravel Truck_str	BOBJ1	186.26	Before	Interior Girder 3	62.42	0.95	1	1	3.828489
Gravel Truck_str	BOBJ1	186.26	Before	Interior Girder 4	62.42	0.95	1	1	3.828489
Gravel Truck_str	BOBJ1	186.26	Before	Interior Girder 5	62.42	0.95	1	1	4.487957
Gravel Truck_str	BOBJ1	186.26	Before	Interior Girder 6	62.42	0.95	1	1	4.732665
Gravel Truck_str	BOBJ1	186.26	After	Interior Girder 1	62.42	0.95	1	1	4.194176
Gravel Truck_str	BOBJ1	186.26	After	Interior Girder 2	62.42	0.95	1	1	3.951217
Gravel Truck_str	BOBJ1	186.26	After	Interior Girder 3	62.42	0.95	1	1	3.212634
Gravel Truck_str	BOBJ1	186.26	After	Interior Girder 4	62.42	0.95	1	1	3.212634
Gravel Truck_str	BOBJ1	186.26	After	Interior Girder 5	62.42	0.95	1	1	3.951217
Gravel Truck_str	BOBJ1	186.26	After	Interior Girder 6	62.42	0.95	1	1	4.194176
Gravel Truck_str	BOBJ1	191.26	Before	Left Exterior Girder	67.42	0.95	1	1	6.234603
Gravel Truck_str	BOBJ1	191.26	Before	Interior Girder 1	67.42	0.95	1	1	4.128476
Gravel Truck_str	BOBJ1	191.26	Before	Interior Girder 2	67.42	0.95	1	1	3.890019
Gravel Truck_str	BOBJ1	191.26	Before	Interior Girder 3	67.42	0.95	1	1	3.161641
Gravel Truck_str	BOBJ1	191.26	Before	Interior Girder 4	67.42	0.95	1	1	3.161641
Gravel Truck_str	BOBJ1	191.26	Before	Interior Girder 5	67.42	0.95	1	1	3.890019
Gravel Truck_str	BOBJ1	191.26	Before	Interior Girder 6	67.42	0.95	1	1	4.128476
Gravel Truck_str	BOBJ1	191.26	Before	Right Exterior Girder	67.42	0.95	1	1	6.234603
Gravel Truck_str	BOBJ1	191.26	After	Left Exterior Girder	0	0.95	1	1	6.286486
Gravel Truck_str	BOBJ1	191.26	After	Interior Girder 1	0	0.95	1	1	4.143517
Gravel Truck_str	BOBJ1	191.26	After	Interior Girder 2	0	0.95	1	1	3.902194
Gravel Truck_str	BOBJ1	191.26	After	Interior Girder 3	0	0.95	1	1	3.166219
Gravel Truck_str	BOBJ1	191.26	After	Interior Girder 4	0	0.95	1	1	3.166219
Gravel Truck_str	BOBJ1	191.26	After	Interior Girder 5	0	0.95	1	1	3.902194
Gravel Truck_str	BOBJ1	191.26	After	Interior Girder 6	0	0.95	1	1	4.143517
Gravel Truck_str	BOBJ1	191.26	After	Right Exterior Girder	0	0.95	1	1	6.286486
Gravel Truck_str	BOBJ1	196.26	Before	Interior Girder 1	5	0.95	1	1	4.209393
Gravel Truck_str	BOBJ1	196.26	Before	Interior Girder 2	5	0.95	1	1	3.963535
Gravel Truck_str	BOBJ1	196.26	Before	Interior Girder 3	5	0.95	1	1	3.217267
Gravel Truck_str	BOBJ1	196.26	Before	Interior Girder 4	5	0.95	1	1	3.217267
Gravel Truck_str	BOBJ1	196.26	Before	Interior Girder 5	5	0.95	1	1	3.963535
Gravel Truck_str	BOBJ1	196.26	Before	Interior Girder 6	5	0.95	1	1	4.209393
Gravel Truck_str	BOBJ1	196.26	After	Interior Girder 1	5	0.95	1	1	4.751741
Gravel Truck_str	BOBJ1	196.26	After	Interior Girder 2	5	0.95	1	1	4.502914
Gravel Truck_str	BOBJ1	196.26	After	Interior Girder 3	5	0.95	1	1	3.833302
Gravel Truck_str	BOBJ1	196.26	After	Interior Girder 4	5	0.95	1	1	3.833302
Gravel Truck_str	BOBJ1	196.26	After	Interior Girder 5	5	0.95	1	1	4.502914

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Approach, Span 7-11									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Gravel Truck_str	BOBJ1	196.26	After	Interior Girder 6	5	0.95	1	1	4.751741
Gravel Truck_str	BOBJ1	198.76	Before	Left Exterior Girder	7.5	0.95	1	1	4.419457
Gravel Truck_str	BOBJ1	198.76	Before	Right Exterior Girder	7.5	0.95	1	1	4.419457
Gravel Truck_str	BOBJ1	198.76	After	Left Exterior Girder	7.5	0.95	1	1	4.695025
Gravel Truck_str	BOBJ1	198.76	After	Right Exterior Girder	7.5	0.95	1	1	4.695025
Gravel Truck_str	BOBJ1	199.685	Before	Left Exterior Girder	8.425	0.95	1	1	4.70524
Gravel Truck_str	BOBJ1	199.685	Before	Interior Girder 1	8.425	0.95	1	1	5.93593
Gravel Truck_str	BOBJ1	199.685	Before	Interior Girder 2	8.425	0.95	1	1	4.548474
Gravel Truck_str	BOBJ1	199.685	Before	Interior Girder 3	8.425	0.95	1	1	3.872899
Gravel Truck_str	BOBJ1	199.685	Before	Interior Girder 4	8.425	0.95	1	1	3.872899
Gravel Truck_str	BOBJ1	199.685	Before	Interior Girder 5	8.425	0.95	1	1	4.548474
Gravel Truck_str	BOBJ1	199.685	Before	Interior Girder 6	8.425	0.95	1	1	5.93593
Gravel Truck_str	BOBJ1	199.685	Before	Right Exterior Girder	8.425	0.95	1	1	4.70524
Gravel Truck_str	BOBJ1	199.685	After	Left Exterior Girder	8.425	0.95	1	1	7.277496
Gravel Truck_str	BOBJ1	199.685	After	Interior Girder 1	8.425	0.95	1	1	6.79154
Gravel Truck_str	BOBJ1	199.685	After	Interior Girder 2	8.425	0.95	1	1	6.254418
Gravel Truck_str	BOBJ1	199.685	After	Interior Girder 3	8.425	0.95	1	1	5.806128
Gravel Truck_str	BOBJ1	199.685	After	Interior Girder 4	8.425	0.95	1	1	5.806128
Gravel Truck_str	BOBJ1	199.685	After	Interior Girder 5	8.425	0.95	1	1	6.254418
Gravel Truck_str	BOBJ1	199.685	After	Interior Girder 6	8.425	0.95	1	1	6.79154
Gravel Truck_str	BOBJ1	199.685	After	Right Exterior Girder	8.425	0.95	1	1	7.277496
Gravel Truck_str	BOBJ1	208.11	Before	Left Exterior Girder	16.85	0.95	1	1	7.411104
Gravel Truck_str	BOBJ1	208.11	Before	Interior Girder 1	16.85	0.95	1	1	6.960126
Gravel Truck_str	BOBJ1	208.11	Before	Interior Girder 2	16.85	0.95	1	1	6.407855
Gravel Truck_str	BOBJ1	208.11	Before	Interior Girder 3	16.85	0.95	1	1	5.950906
Gravel Truck_str	BOBJ1	208.11	Before	Interior Girder 4	16.85	0.95	1	1	5.950906
Gravel Truck_str	BOBJ1	208.11	Before	Interior Girder 5	16.85	0.95	1	1	6.407855
Gravel Truck_str	BOBJ1	208.11	Before	Interior Girder 6	16.85	0.95	1	1	6.960126
Gravel Truck_str	BOBJ1	208.11	Before	Right Exterior Girder	16.85	0.95	1	1	7.411104
Gravel Truck_str	BOBJ1	208.11	After	Left Exterior Girder	16.85	0.95	1	1	11.753331
Gravel Truck_str	BOBJ1	208.11	After	Interior Girder 1	16.85	0.95	1	1	7.696247
Gravel Truck_str	BOBJ1	208.11	After	Interior Girder 2	16.85	0.95	1	1	7.115528
Gravel Truck_str	BOBJ1	208.11	After	Interior Girder 3	16.85	0.95	1	1	6.445816
Gravel Truck_str	BOBJ1	208.11	After	Interior Girder 4	16.85	0.95	1	1	6.445816
Gravel Truck_str	BOBJ1	208.11	After	Interior Girder 5	16.85	0.95	1	1	7.115528
Gravel Truck_str	BOBJ1	208.11	After	Interior Girder 6	16.85	0.95	1	1	7.696247
Gravel Truck_str	BOBJ1	208.11	After	Right Exterior Girder	16.85	0.95	1	1	11.753331
Gravel Truck_str	BOBJ1	216.535	Before	Left Exterior Girder	25.275	0.95	1	1	11.957796
Gravel Truck_str	BOBJ1	216.535	Before	Interior Girder 1	25.275	0.95	1	1	7.880601
Gravel Truck_str	BOBJ1	216.535	Before	Interior Girder 2	25.275	0.95	1	1	7.285643
Gravel Truck_str	BOBJ1	216.535	Before	Interior Girder 3	25.275	0.95	1	1	6.599812
Gravel Truck_str	BOBJ1	216.535	Before	Interior Girder 4	25.275	0.95	1	1	6.599812
Gravel Truck_str	BOBJ1	216.535	Before	Interior Girder 5	25.275	0.95	1	1	7.285643
Gravel Truck_str	BOBJ1	216.535	Before	Interior Girder 6	25.275	0.95	1	1	7.880601
Gravel Truck_str	BOBJ1	216.535	Before	Right Exterior Girder	25.275	0.95	1	1	11.957796
Gravel Truck_str	BOBJ1	216.535	After	Left Exterior Girder	25.275	0.95	1	1	15.729532
Gravel Truck_str	BOBJ1	216.535	After	Interior Girder 1	25.275	0.95	1	1	12.374351
Gravel Truck_str	BOBJ1	216.535	After	Interior Girder 2	25.275	0.95	1	1	11.13127
Gravel Truck_str	BOBJ1	216.535	After	Interior Girder 3	25.275	0.95	1	1	9.620084
Gravel Truck_str	BOBJ1	216.535	After	Interior Girder 4	25.275	0.95	1	1	9.620084
Gravel Truck_str	BOBJ1	216.535	After	Interior Girder 5	25.275	0.95	1	1	11.13127
Gravel Truck_str	BOBJ1	216.535	After	Interior Girder 6	25.275	0.95	1	1	12.374351
Gravel Truck_str	BOBJ1	216.535	After	Right Exterior Girder	25.275	0.95	1	1	15.729532
Gravel Truck_str	BOBJ1	224.96	Before	Left Exterior Girder	33.7	0.95	1	1	15.989738
Gravel Truck_str	BOBJ1	224.96	Before	Interior Girder 1	33.7	0.95	1	1	12.66184
Gravel Truck_str	BOBJ1	224.96	Before	Interior Girder 2	33.7	0.95	1	1	11.17082
Gravel Truck_str	BOBJ1	224.96	Before	Interior Girder 3	33.7	0.95	1	1	9.409187
Gravel Truck_str	BOBJ1	224.96	Before	Interior Girder 4	33.7	0.95	1	1	9.409187
Gravel Truck_str	BOBJ1	224.96	Before	Interior Girder 5	33.7	0.95	1	1	11.17082
Gravel Truck_str	BOBJ1	224.96	Before	Interior Girder 6	33.7	0.95	1	1	12.66184
Gravel Truck_str	BOBJ1	224.96	Before	Right Exterior Girder	33.7	0.95	1	1	15.989738
Gravel Truck_str	BOBJ1	224.96	After	Left Exterior Girder	33.7	0.95	1	1	15.269272
Gravel Truck_str	BOBJ1	224.96	After	Interior Girder 1	33.7	0.95	1	1	12.360392
Gravel Truck_str	BOBJ1	224.96	After	Interior Girder 2	33.7	0.95	1	1	11.200111
Gravel Truck_str	BOBJ1	224.96	After	Interior Girder 3	33.7	0.95	1	1	9.485017

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Approach, Span 7-11									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Gravel Truck_str	BOBJ1	224.96	After	Interior Girder 4	33.7	0.95	1	1	9.485017
Gravel Truck_str	BOBJ1	224.96	After	Interior Girder 5	33.7	0.95	1	1	11.200111
Gravel Truck_str	BOBJ1	224.96	After	Interior Girder 6	33.7	0.95	1	1	12.360392
Gravel Truck_str	BOBJ1	224.96	After	Right Exterior Girder	33.7	0.95	1	1	15.269272
Gravel Truck_str	BOBJ1	233.385	Before	Left Exterior Girder	42.125	0.95	1	1	15.020184
Gravel Truck_str	BOBJ1	233.385	Before	Interior Girder 1	42.125	0.95	1	1	12.079458
Gravel Truck_str	BOBJ1	233.385	Before	Interior Girder 2	42.125	0.95	1	1	10.946704
Gravel Truck_str	BOBJ1	233.385	Before	Interior Girder 3	42.125	0.95	1	1	9.697521
Gravel Truck_str	BOBJ1	233.385	Before	Interior Girder 4	42.125	0.95	1	1	9.697521
Gravel Truck_str	BOBJ1	233.385	Before	Interior Girder 5	42.125	0.95	1	1	10.946704
Gravel Truck_str	BOBJ1	233.385	Before	Interior Girder 6	42.125	0.95	1	1	12.079458
Gravel Truck_str	BOBJ1	233.385	Before	Right Exterior Girder	42.125	0.95	1	1	15.020184
Gravel Truck_str	BOBJ1	233.385	After	Left Exterior Girder	42.125	0.95	1	1	11.589217
Gravel Truck_str	BOBJ1	233.385	After	Interior Girder 1	42.125	0.95	1	1	7.759179
Gravel Truck_str	BOBJ1	233.385	After	Interior Girder 2	42.125	0.95	1	1	7.205842
Gravel Truck_str	BOBJ1	233.385	After	Interior Girder 3	42.125	0.95	1	1	6.553662
Gravel Truck_str	BOBJ1	233.385	After	Interior Girder 4	42.125	0.95	1	1	6.553662
Gravel Truck_str	BOBJ1	233.385	After	Interior Girder 5	42.125	0.95	1	1	7.205842
Gravel Truck_str	BOBJ1	233.385	After	Interior Girder 6	42.125	0.95	1	1	7.759179
Gravel Truck_str	BOBJ1	233.385	After	Right Exterior Girder	42.125	0.95	1	1	11.589217
Gravel Truck_str	BOBJ1	241.81	Before	Left Exterior Girder	50.55	0.95	1	1	11.390534
Gravel Truck_str	BOBJ1	241.81	Before	Interior Girder 1	50.55	0.95	1	1	7.577488
Gravel Truck_str	BOBJ1	241.81	Before	Interior Girder 2	50.55	0.95	1	1	7.037507
Gravel Truck_str	BOBJ1	241.81	Before	Interior Girder 3	50.55	0.95	1	1	6.400667
Gravel Truck_str	BOBJ1	241.81	Before	Interior Girder 4	50.55	0.95	1	1	6.400667
Gravel Truck_str	BOBJ1	241.81	Before	Interior Girder 5	50.55	0.95	1	1	7.037507
Gravel Truck_str	BOBJ1	241.81	Before	Interior Girder 6	50.55	0.95	1	1	7.577488
Gravel Truck_str	BOBJ1	241.81	Before	Right Exterior Girder	50.55	0.95	1	1	11.390534
Gravel Truck_str	BOBJ1	241.81	After	Left Exterior Girder	50.55	0.95	1	1	7.387935
Gravel Truck_str	BOBJ1	241.81	After	Interior Girder 1	50.55	0.95	1	1	6.805416
Gravel Truck_str	BOBJ1	241.81	After	Interior Girder 2	50.55	0.95	1	1	6.245586
Gravel Truck_str	BOBJ1	241.81	After	Interior Girder 3	50.55	0.95	1	1	5.764755
Gravel Truck_str	BOBJ1	241.81	After	Interior Girder 4	50.55	0.95	1	1	5.764755
Gravel Truck_str	BOBJ1	241.81	After	Interior Girder 5	50.55	0.95	1	1	6.245586
Gravel Truck_str	BOBJ1	241.81	After	Interior Girder 6	50.55	0.95	1	1	6.805416
Gravel Truck_str	BOBJ1	241.81	After	Right Exterior Girder	50.55	0.95	1	1	7.387935
Gravel Truck_str	BOBJ1	245.18	Before	Left Exterior Girder	53.92	0.95	1	1	7.334991
Gravel Truck_str	BOBJ1	245.18	Before	Interior Girder 1	53.92	0.95	1	1	6.739675
Gravel Truck_str	BOBJ1	245.18	Before	Interior Girder 2	53.92	0.95	1	1	6.185894
Gravel Truck_str	BOBJ1	245.18	Before	Interior Girder 3	53.92	0.95	1	1	5.708778
Gravel Truck_str	BOBJ1	245.18	Before	Interior Girder 4	53.92	0.95	1	1	5.708778
Gravel Truck_str	BOBJ1	245.18	Before	Interior Girder 5	53.92	0.95	1	1	6.185894
Gravel Truck_str	BOBJ1	245.18	Before	Interior Girder 6	53.92	0.95	1	1	6.739675
Gravel Truck_str	BOBJ1	245.18	Before	Right Exterior Girder	53.92	0.95	1	1	7.334991
Gravel Truck_str	BOBJ1	245.18	After	Left Exterior Girder	53.92	0.95	1	1	7.710101
Gravel Truck_str	BOBJ1	245.18	After	Interior Girder 1	53.92	0.95	1	1	6.27438
Gravel Truck_str	BOBJ1	245.18	After	Interior Girder 2	53.92	0.95	1	1	5.788996
Gravel Truck_str	BOBJ1	245.18	After	Interior Girder 3	53.92	0.95	1	1	5.235434
Gravel Truck_str	BOBJ1	245.18	After	Interior Girder 4	53.92	0.95	1	1	5.235434
Gravel Truck_str	BOBJ1	245.18	After	Interior Girder 5	53.92	0.95	1	1	5.788996
Gravel Truck_str	BOBJ1	245.18	After	Interior Girder 6	53.92	0.95	1	1	6.27438
Gravel Truck_str	BOBJ1	245.18	After	Right Exterior Girder	53.92	0.95	1	1	7.710101
Gravel Truck_str	BOBJ1	250.245	Before	Left Exterior Girder	58.985	0.95	1	1	7.632109
Gravel Truck_str	BOBJ1	250.245	Before	Interior Girder 1	58.985	0.95	1	1	6.185429
Gravel Truck_str	BOBJ1	250.245	Before	Interior Girder 2	58.985	0.95	1	1	5.707737
Gravel Truck_str	BOBJ1	250.245	Before	Interior Girder 3	58.985	0.95	1	1	5.160706
Gravel Truck_str	BOBJ1	250.245	Before	Interior Girder 4	58.985	0.95	1	1	5.160706
Gravel Truck_str	BOBJ1	250.245	Before	Interior Girder 5	58.985	0.95	1	1	5.707737
Gravel Truck_str	BOBJ1	250.245	Before	Interior Girder 6	58.985	0.95	1	1	6.185429
Gravel Truck_str	BOBJ1	250.245	Before	Right Exterior Girder	58.985	0.95	1	1	7.632109
Gravel Truck_str	BOBJ1	250.245	After	Left Exterior Girder	58.985	0.95	1	1	6.35904
Gravel Truck_str	BOBJ1	250.245	After	Interior Girder 1	58.985	0.95	1	1	5.491501
Gravel Truck_str	BOBJ1	250.245	After	Interior Girder 2	58.985	0.95	1	1	4.731266
Gravel Truck_str	BOBJ1	250.245	After	Interior Girder 3	58.985	0.95	1	1	4.051195
Gravel Truck_str	BOBJ1	250.245	After	Interior Girder 4	58.985	0.95	1	1	4.051195

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Approach, Span 7-11									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Gravel Truck_str	BOBJ1	250.245	After	Interior Girder 5	58.985	0.95	1	1	4.731266
Gravel Truck_str	BOBJ1	250.245	After	Interior Girder 6	58.985	0.95	1	1	5.491501
Gravel Truck_str	BOBJ1	250.245	After	Right Exterior Girder	58.985	0.95	1	1	6.35904
Gravel Truck_str	BOBJ1	251.68	Before	Left Exterior Girder	60.42	0.95	1	1	6.340046
Gravel Truck_str	BOBJ1	251.68	Before	Right Exterior Girder	60.42	0.95	1	1	6.340046
Gravel Truck_str	BOBJ1	251.68	After	Left Exterior Girder	60.42	0.95	1	1	5.941472
Gravel Truck_str	BOBJ1	251.68	After	Right Exterior Girder	60.42	0.95	1	1	5.941472
Gravel Truck_str	BOBJ1	254.18	Before	Interior Girder 1	62.92	0.95	1	1	4.960301
Gravel Truck_str	BOBJ1	254.18	Before	Interior Girder 2	62.92	0.95	1	1	4.67876
Gravel Truck_str	BOBJ1	254.18	Before	Interior Girder 3	62.92	0.95	1	1	4.005336
Gravel Truck_str	BOBJ1	254.18	Before	Interior Girder 4	62.92	0.95	1	1	4.005336
Gravel Truck_str	BOBJ1	254.18	Before	Interior Girder 5	62.92	0.95	1	1	4.67876
Gravel Truck_str	BOBJ1	254.18	Before	Interior Girder 6	62.92	0.95	1	1	4.960301
Gravel Truck_str	BOBJ1	254.18	After	Interior Girder 1	62.92	0.95	1	1	4.352607
Gravel Truck_str	BOBJ1	254.18	After	Interior Girder 2	62.92	0.95	1	1	4.091309
Gravel Truck_str	BOBJ1	254.18	After	Interior Girder 3	62.92	0.95	1	1	3.308896
Gravel Truck_str	BOBJ1	254.18	After	Interior Girder 4	62.92	0.95	1	1	3.308896
Gravel Truck_str	BOBJ1	254.18	After	Interior Girder 5	62.92	0.95	1	1	4.091309
Gravel Truck_str	BOBJ1	254.18	After	Interior Girder 6	62.92	0.95	1	1	4.352607
Gravel Truck_str	BOBJ1	258.68	Before	Left Exterior Girder	67.42	0.95	1	1	6.987299
Gravel Truck_str	BOBJ1	258.68	Before	Interior Girder 1	67.42	0.95	1	1	4.294746
Gravel Truck_str	BOBJ1	258.68	Before	Interior Girder 2	67.42	0.95	1	1	4.037451
Gravel Truck_str	BOBJ1	258.68	Before	Interior Girder 3	67.42	0.95	1	1	3.264259
Gravel Truck_str	BOBJ1	258.68	Before	Interior Girder 4	67.42	0.95	1	1	3.264259
Gravel Truck_str	BOBJ1	258.68	Before	Interior Girder 5	67.42	0.95	1	1	4.037451
Gravel Truck_str	BOBJ1	258.68	Before	Interior Girder 6	67.42	0.95	1	1	4.294746
Gravel Truck_str	BOBJ1	258.68	Before	Right Exterior Girder	67.42	0.95	1	1	6.987299
Gravel Truck_str	BOBJ1	258.68	After	Left Exterior Girder	0	0.95	1	1	7.304626
Gravel Truck_str	BOBJ1	258.68	After	Interior Girder 1	0	0.95	1	1	4.202983
Gravel Truck_str	BOBJ1	258.68	After	Interior Girder 2	0	0.95	1	1	3.943451
Gravel Truck_str	BOBJ1	258.68	After	Interior Girder 3	0	0.95	1	1	3.168162
Gravel Truck_str	BOBJ1	258.68	After	Interior Girder 4	0	0.95	1	1	3.168162
Gravel Truck_str	BOBJ1	258.68	After	Interior Girder 5	0	0.95	1	1	3.943451
Gravel Truck_str	BOBJ1	258.68	After	Interior Girder 6	0	0.95	1	1	4.202983
Gravel Truck_str	BOBJ1	258.68	After	Right Exterior Girder	0	0.95	1	1	7.304626
Gravel Truck_str	BOBJ1	263.18	Before	Interior Girder 1	4.5	0.95	1	1	4.25993
Gravel Truck_str	BOBJ1	263.18	Before	Interior Girder 2	4.5	0.95	1	1	3.996369
Gravel Truck_str	BOBJ1	263.18	Before	Interior Girder 3	4.5	0.95	1	1	3.211676
Gravel Truck_str	BOBJ1	263.18	Before	Interior Girder 4	4.5	0.95	1	1	3.211676
Gravel Truck_str	BOBJ1	263.18	Before	Interior Girder 5	4.5	0.95	1	1	3.996369
Gravel Truck_str	BOBJ1	263.18	Before	Interior Girder 6	4.5	0.95	1	1	4.25993
Gravel Truck_str	BOBJ1	263.18	After	Interior Girder 1	4.5	0.95	1	1	5.035425
Gravel Truck_str	BOBJ1	263.18	After	Interior Girder 2	4.5	0.95	1	1	4.734681
Gravel Truck_str	BOBJ1	263.18	After	Interior Girder 3	4.5	0.95	1	1	4.065267
Gravel Truck_str	BOBJ1	263.18	After	Interior Girder 4	4.5	0.95	1	1	4.065267
Gravel Truck_str	BOBJ1	263.18	After	Interior Girder 5	4.5	0.95	1	1	4.734681
Gravel Truck_str	BOBJ1	263.18	After	Interior Girder 6	4.5	0.95	1	1	5.035425
Gravel Truck_str	BOBJ1	265.68	Before	Left Exterior Girder	7	0.95	1	1	6.417472
Gravel Truck_str	BOBJ1	265.68	Before	Right Exterior Girder	7	0.95	1	1	6.417472
Gravel Truck_str	BOBJ1	265.68	After	Left Exterior Girder	7	0.95	1	1	6.999545
Gravel Truck_str	BOBJ1	265.68	After	Right Exterior Girder	7	0.95	1	1	6.999545
Gravel Truck_str	BOBJ1	268.08	Before	Left Exterior Girder	9.4	0.95	1	1	7.034703
Gravel Truck_str	BOBJ1	268.08	Before	Interior Girder 1	9.4	0.95	1	1	5.409577
Gravel Truck_str	BOBJ1	268.08	Before	Interior Girder 2	9.4	0.95	1	1	4.801214
Gravel Truck_str	BOBJ1	268.08	Before	Interior Girder 3	9.4	0.95	1	1	4.123433
Gravel Truck_str	BOBJ1	268.08	Before	Interior Girder 4	9.4	0.95	1	1	4.123433
Gravel Truck_str	BOBJ1	268.08	Before	Interior Girder 5	9.4	0.95	1	1	4.801214
Gravel Truck_str	BOBJ1	268.08	Before	Interior Girder 6	9.4	0.95	1	1	5.409577
Gravel Truck_str	BOBJ1	268.08	Before	Right Exterior Girder	9.4	0.95	1	1	7.034703
Gravel Truck_str	BOBJ1	268.08	After	Left Exterior Girder	9.4	0.95	1	1	8.64423
Gravel Truck_str	BOBJ1	268.08	After	Interior Girder 1	9.4	0.95	1	1	7.629483
Gravel Truck_str	BOBJ1	268.08	After	Interior Girder 2	9.4	0.95	1	1	6.868345
Gravel Truck_str	BOBJ1	268.08	After	Interior Girder 3	9.4	0.95	1	1	6.402273
Gravel Truck_str	BOBJ1	268.08	After	Interior Girder 4	9.4	0.95	1	1	6.402273
Gravel Truck_str	BOBJ1	268.08	After	Interior Girder 5	9.4	0.95	1	1	6.868345

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Approach, Span 7-11									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Gravel Truck_str	BOBJ1	268.08	After	Interior Girder 6	9.4	0.95	1	1	7.629483
Gravel Truck_str	BOBJ1	268.08	After	Right Exterior Girder	9.4	0.95	1	1	8.64423
Gravel Truck_str	BOBJ1	277.48	Before	Left Exterior Girder	18.8	0.95	1	1	8.807079
Gravel Truck_str	BOBJ1	277.48	Before	Interior Girder 1	18.8	0.95	1	1	7.83327
Gravel Truck_str	BOBJ1	277.48	Before	Interior Girder 2	18.8	0.95	1	1	7.04994
Gravel Truck_str	BOBJ1	277.48	Before	Interior Girder 3	18.8	0.95	1	1	6.57385
Gravel Truck_str	BOBJ1	277.48	Before	Interior Girder 4	18.8	0.95	1	1	6.57385
Gravel Truck_str	BOBJ1	277.48	Before	Interior Girder 5	18.8	0.95	1	1	7.04994
Gravel Truck_str	BOBJ1	277.48	Before	Interior Girder 6	18.8	0.95	1	1	7.83327
Gravel Truck_str	BOBJ1	277.48	Before	Right Exterior Girder	18.8	0.95	1	1	8.807079
Gravel Truck_str	BOBJ1	277.48	After	Left Exterior Girder	18.8	0.95	1	1	15.531093
Gravel Truck_str	BOBJ1	277.48	After	Interior Girder 1	18.8	0.95	1	1	8.73841
Gravel Truck_str	BOBJ1	277.48	After	Interior Girder 2	18.8	0.95	1	1	8.008367
Gravel Truck_str	BOBJ1	277.48	After	Interior Girder 3	18.8	0.95	1	1	6.954767
Gravel Truck_str	BOBJ1	277.48	After	Interior Girder 4	18.8	0.95	1	1	6.954767
Gravel Truck_str	BOBJ1	277.48	After	Interior Girder 5	18.8	0.95	1	1	8.008367
Gravel Truck_str	BOBJ1	277.48	After	Interior Girder 6	18.8	0.95	1	1	8.73841
Gravel Truck_str	BOBJ1	277.48	After	Right Exterior Girder	18.8	0.95	1	1	15.531093
Gravel Truck_str	BOBJ1	286.88	Before	Left Exterior Girder	28.2	0.95	1	1	15.808595
Gravel Truck_str	BOBJ1	286.88	Before	Interior Girder 1	28.2	0.95	1	1	8.963037
Gravel Truck_str	BOBJ1	286.88	Before	Interior Girder 2	28.2	0.95	1	1	8.21395
Gravel Truck_str	BOBJ1	286.88	Before	Interior Girder 3	28.2	0.95	1	1	7.133089
Gravel Truck_str	BOBJ1	286.88	Before	Interior Girder 4	28.2	0.95	1	1	7.133089
Gravel Truck_str	BOBJ1	286.88	Before	Interior Girder 5	28.2	0.95	1	1	8.21395
Gravel Truck_str	BOBJ1	286.88	Before	Interior Girder 6	28.2	0.95	1	1	8.963037
Gravel Truck_str	BOBJ1	286.88	Before	Right Exterior Girder	28.2	0.95	1	1	15.808595
Gravel Truck_str	BOBJ1	286.88	After	Left Exterior Girder	28.2	0.95	1	1	25.338727
Gravel Truck_str	BOBJ1	286.88	After	Interior Girder 1	28.2	0.95	1	1	12.54095
Gravel Truck_str	BOBJ1	286.88	After	Interior Girder 2	28.2	0.95	1	1	11.125434
Gravel Truck_str	BOBJ1	286.88	After	Interior Girder 3	28.2	0.95	1	1	9.404176
Gravel Truck_str	BOBJ1	286.88	After	Interior Girder 4	28.2	0.95	1	1	9.404176
Gravel Truck_str	BOBJ1	286.88	After	Interior Girder 5	28.2	0.95	1	1	11.125434
Gravel Truck_str	BOBJ1	286.88	After	Interior Girder 6	28.2	0.95	1	1	12.54095
Gravel Truck_str	BOBJ1	286.88	After	Right Exterior Girder	28.2	0.95	1	1	25.338727
Gravel Truck_str	BOBJ1	296.28	Before	Left Exterior Girder	37.6	0.95	1	1	25.769195
Gravel Truck_str	BOBJ1	296.28	Before	Interior Girder 1	37.6	0.95	1	1	12.243371
Gravel Truck_str	BOBJ1	296.28	Before	Interior Girder 2	37.6	0.95	1	1	10.860487
Gravel Truck_str	BOBJ1	296.28	Before	Interior Girder 3	37.6	0.95	1	1	9.180021
Gravel Truck_str	BOBJ1	296.28	Before	Interior Girder 4	37.6	0.95	1	1	9.180021
Gravel Truck_str	BOBJ1	296.28	Before	Interior Girder 5	37.6	0.95	1	1	10.860487
Gravel Truck_str	BOBJ1	296.28	Before	Interior Girder 6	37.6	0.95	1	1	12.243371
Gravel Truck_str	BOBJ1	296.28	Before	Right Exterior Girder	37.6	0.95	1	1	25.769195
Gravel Truck_str	BOBJ1	296.28	After	Left Exterior Girder	37.6	0.95	1	1	13.178471
Gravel Truck_str	BOBJ1	296.28	After	Interior Girder 1	37.6	0.95	1	1	11.509783
Gravel Truck_str	BOBJ1	296.28	After	Interior Girder 2	37.6	0.95	1	1	10.208939
Gravel Truck_str	BOBJ1	296.28	After	Interior Girder 3	37.6	0.95	1	1	9.793799
Gravel Truck_str	BOBJ1	296.28	After	Interior Girder 4	37.6	0.95	1	1	9.793799
Gravel Truck_str	BOBJ1	296.28	After	Interior Girder 5	37.6	0.95	1	1	10.208939
Gravel Truck_str	BOBJ1	296.28	After	Interior Girder 6	37.6	0.95	1	1	11.509783
Gravel Truck_str	BOBJ1	296.28	After	Right Exterior Girder	37.6	0.95	1	1	13.178471
Gravel Truck_str	BOBJ1	305.69	Before	Left Exterior Girder	47.01	0.95	1	1	12.952924
Gravel Truck_str	BOBJ1	305.69	Before	Interior Girder 1	47.01	0.95	1	1	11.224428
Gravel Truck_str	BOBJ1	305.69	Before	Interior Girder 2	47.01	0.95	1	1	9.9573
Gravel Truck_str	BOBJ1	305.69	Before	Interior Girder 3	47.01	0.95	1	1	9.551884
Gravel Truck_str	BOBJ1	305.69	Before	Interior Girder 4	47.01	0.95	1	1	9.551884
Gravel Truck_str	BOBJ1	305.69	Before	Interior Girder 5	47.01	0.95	1	1	9.9573
Gravel Truck_str	BOBJ1	305.69	Before	Interior Girder 6	47.01	0.95	1	1	11.224428
Gravel Truck_str	BOBJ1	305.69	Before	Right Exterior Girder	47.01	0.95	1	1	12.952924
Gravel Truck_str	BOBJ1	305.69	After	Left Exterior Girder	47.01	0.95	1	1	9.872643
Gravel Truck_str	BOBJ1	305.69	After	Interior Girder 1	47.01	0.95	1	1	6.817984
Gravel Truck_str	BOBJ1	305.69	After	Interior Girder 2	47.01	0.95	1	1	6.24513
Gravel Truck_str	BOBJ1	305.69	After	Interior Girder 3	47.01	0.95	1	1	5.789875
Gravel Truck_str	BOBJ1	305.69	After	Interior Girder 4	47.01	0.95	1	1	5.789875
Gravel Truck_str	BOBJ1	305.69	After	Interior Girder 5	47.01	0.95	1	1	6.24513
Gravel Truck_str	BOBJ1	305.69	After	Interior Girder 6	47.01	0.95	1	1	6.817984

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Approach, Span 7-11									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Gravel Truck_str	BOBJ1	305.69	After	Right Exterior Girder	47.01	0.95	1	1	9.872643
Gravel Truck_str	BOBJ1	315.1	Before	Left Exterior Girder	56.42	0.95	1	1	9.694742
Gravel Truck_str	BOBJ1	315.1	Before	Interior Girder 1	56.42	0.95	1	1	6.64347
Gravel Truck_str	BOBJ1	315.1	Before	Interior Girder 2	56.42	0.95	1	1	6.085855
Gravel Truck_str	BOBJ1	315.1	Before	Interior Girder 3	56.42	0.95	1	1	5.641707
Gravel Truck_str	BOBJ1	315.1	Before	Interior Girder 4	56.42	0.95	1	1	5.641707
Gravel Truck_str	BOBJ1	315.1	Before	Interior Girder 5	56.42	0.95	1	1	6.085855
Gravel Truck_str	BOBJ1	315.1	Before	Interior Girder 6	56.42	0.95	1	1	6.64347
Gravel Truck_str	BOBJ1	315.1	Before	Right Exterior Girder	56.42	0.95	1	1	9.694742
Annual Permit 1_str	BOBJ1	0	After	Left Exterior Girder	0	0.95	1	1	8.636638
Annual Permit 1_str	BOBJ1	0	After	Interior Girder 1	0	0.95	1	1	6.175049
Annual Permit 1_str	BOBJ1	0	After	Interior Girder 2	0	0.95	1	1	6.000171
Annual Permit 1_str	BOBJ1	0	After	Interior Girder 3	0	0.95	1	1	5.351543
Annual Permit 1_str	BOBJ1	0	After	Interior Girder 4	0	0.95	1	1	5.351543
Annual Permit 1_str	BOBJ1	0	After	Interior Girder 5	0	0.95	1	1	6.000171
Annual Permit 1_str	BOBJ1	0	After	Interior Girder 6	0	0.95	1	1	6.175049
Annual Permit 1_str	BOBJ1	0	After	Right Exterior Girder	0	0.95	1	1	8.636638
Annual Permit 1_str	BOBJ1	9.4	Before	Left Exterior Girder	9.4	0.95	1	1	8.794752
Annual Permit 1_str	BOBJ1	9.4	Before	Interior Girder 1	9.4	0.95	1	1	6.337111
Annual Permit 1_str	BOBJ1	9.4	Before	Interior Girder 2	9.4	0.95	1	1	6.157012
Annual Permit 1_str	BOBJ1	9.4	Before	Interior Girder 3	9.4	0.95	1	1	5.491877
Annual Permit 1_str	BOBJ1	9.4	Before	Interior Girder 4	9.4	0.95	1	1	5.491877
Annual Permit 1_str	BOBJ1	9.4	Before	Interior Girder 5	9.4	0.95	1	1	6.157012
Annual Permit 1_str	BOBJ1	9.4	Before	Interior Girder 6	9.4	0.95	1	1	6.337111
Annual Permit 1_str	BOBJ1	9.4	Before	Right Exterior Girder	9.4	0.95	1	1	8.794752
Annual Permit 1_str	BOBJ1	9.4	After	Left Exterior Girder	9.4	0.95	1	1	11.701807
Annual Permit 1_str	BOBJ1	9.4	After	Interior Girder 1	9.4	0.95	1	1	10.563262
Annual Permit 1_str	BOBJ1	9.4	After	Interior Girder 2	9.4	0.95	1	1	10.500633
Annual Permit 1_str	BOBJ1	9.4	After	Interior Girder 3	9.4	0.95	1	1	10.01695
Annual Permit 1_str	BOBJ1	9.4	After	Interior Girder 4	9.4	0.95	1	1	10.01695
Annual Permit 1_str	BOBJ1	9.4	After	Interior Girder 5	9.4	0.95	1	1	10.500633
Annual Permit 1_str	BOBJ1	9.4	After	Interior Girder 6	9.4	0.95	1	1	10.563262
Annual Permit 1_str	BOBJ1	9.4	After	Right Exterior Girder	9.4	0.95	1	1	11.701807
Annual Permit 1_str	BOBJ1	18.8	Before	Left Exterior Girder	18.8	0.95	1	1	11.905129
Annual Permit 1_str	BOBJ1	18.8	Before	Interior Girder 1	18.8	0.95	1	1	10.831546
Annual Permit 1_str	BOBJ1	18.8	Before	Interior Girder 2	18.8	0.95	1	1	10.765687
Annual Permit 1_str	BOBJ1	18.8	Before	Interior Girder 3	18.8	0.95	1	1	10.270285
Annual Permit 1_str	BOBJ1	18.8	Before	Interior Girder 4	18.8	0.95	1	1	10.270285
Annual Permit 1_str	BOBJ1	18.8	Before	Interior Girder 5	18.8	0.95	1	1	10.765687
Annual Permit 1_str	BOBJ1	18.8	Before	Interior Girder 6	18.8	0.95	1	1	10.831546
Annual Permit 1_str	BOBJ1	18.8	Before	Right Exterior Girder	18.8	0.95	1	1	11.905129
Annual Permit 1_str	BOBJ1	18.8	After	Left Exterior Girder	18.8	0.95	1	1	19.763111
Annual Permit 1_str	BOBJ1	18.8	After	Interior Girder 1	18.8	0.95	1	1	11.894447
Annual Permit 1_str	BOBJ1	18.8	After	Interior Girder 2	18.8	0.95	1	1	10.568383
Annual Permit 1_str	BOBJ1	18.8	After	Interior Girder 3	18.8	0.95	1	1	8.898345
Annual Permit 1_str	BOBJ1	18.8	After	Interior Girder 4	18.8	0.95	1	1	8.898345
Annual Permit 1_str	BOBJ1	18.8	After	Interior Girder 5	18.8	0.95	1	1	10.568383
Annual Permit 1_str	BOBJ1	18.8	After	Interior Girder 6	18.8	0.95	1	1	11.894447
Annual Permit 1_str	BOBJ1	18.8	After	Right Exterior Girder	18.8	0.95	1	1	19.763111
Annual Permit 1_str	BOBJ1	28.2	Before	Left Exterior Girder	28.2	0.95	1	1	19.432786
Annual Permit 1_str	BOBJ1	28.2	Before	Interior Girder 1	28.2	0.95	1	1	12.183422
Annual Permit 1_str	BOBJ1	28.2	Before	Interior Girder 2	28.2	0.95	1	1	10.826147
Annual Permit 1_str	BOBJ1	28.2	Before	Interior Girder 3	28.2	0.95	1	1	9.115595
Annual Permit 1_str	BOBJ1	28.2	Before	Interior Girder 4	28.2	0.95	1	1	9.115595
Annual Permit 1_str	BOBJ1	28.2	Before	Interior Girder 5	28.2	0.95	1	1	10.826147
Annual Permit 1_str	BOBJ1	28.2	Before	Interior Girder 6	28.2	0.95	1	1	12.183422
Annual Permit 1_str	BOBJ1	28.2	Before	Right Exterior Girder	28.2	0.95	1	1	19.432786
Annual Permit 1_str	BOBJ1	28.2	After	Left Exterior Girder	28.2	0.95	1	1	12.76488
Annual Permit 1_str	BOBJ1	28.2	After	Interior Girder 1	28.2	0.95	1	1	7.57914
Annual Permit 1_str	BOBJ1	28.2	After	Interior Girder 2	28.2	0.95	1	1	7.027127
Annual Permit 1_str	BOBJ1	28.2	After	Interior Girder 3	28.2	0.95	1	1	6.164627
Annual Permit 1_str	BOBJ1	28.2	After	Interior Girder 4	28.2	0.95	1	1	6.164627
Annual Permit 1_str	BOBJ1	28.2	After	Interior Girder 5	28.2	0.95	1	1	7.027127
Annual Permit 1_str	BOBJ1	28.2	After	Interior Girder 6	28.2	0.95	1	1	7.57914
Annual Permit 1_str	BOBJ1	28.2	After	Right Exterior Girder	28.2	0.95	1	1	12.76488

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Approach, Span 7-11									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Annual Permit 1_str	BOBJ1	37.6	Before	Left Exterior Girder	37.6	0.95	1	1	12.540676
Annual Permit 1_str	BOBJ1	37.6	Before	Interior Girder 1	37.6	0.95	1	1	7.389111
Annual Permit 1_str	BOBJ1	37.6	Before	Interior Girder 2	37.6	0.95	1	1	6.851205
Annual Permit 1_str	BOBJ1	37.6	Before	Interior Girder 3	37.6	0.95	1	1	6.010499
Annual Permit 1_str	BOBJ1	37.6	Before	Interior Girder 4	37.6	0.95	1	1	6.010499
Annual Permit 1_str	BOBJ1	37.6	Before	Interior Girder 5	37.6	0.95	1	1	6.851205
Annual Permit 1_str	BOBJ1	37.6	Before	Interior Girder 6	37.6	0.95	1	1	7.389111
Annual Permit 1_str	BOBJ1	37.6	Before	Right Exterior Girder	37.6	0.95	1	1	12.540676
Annual Permit 1_str	BOBJ1	37.6	After	Left Exterior Girder	37.6	0.95	1	1	6.882289
Annual Permit 1_str	BOBJ1	37.6	After	Interior Girder 1	37.6	0.95	1	1	6.371307
Annual Permit 1_str	BOBJ1	37.6	After	Interior Girder 2	37.6	0.95	1	1	6.403964
Annual Permit 1_str	BOBJ1	37.6	After	Interior Girder 3	37.6	0.95	1	1	5.479361
Annual Permit 1_str	BOBJ1	37.6	After	Interior Girder 4	37.6	0.95	1	1	5.479361
Annual Permit 1_str	BOBJ1	37.6	After	Interior Girder 5	37.6	0.95	1	1	6.403964
Annual Permit 1_str	BOBJ1	37.6	After	Interior Girder 6	37.6	0.95	1	1	6.371307
Annual Permit 1_str	BOBJ1	37.6	After	Right Exterior Girder	37.6	0.95	1	1	6.882289
Annual Permit 1_str	BOBJ1	47.01	Before	Left Exterior Girder	47.01	0.95	1	1	6.754841
Annual Permit 1_str	BOBJ1	47.01	Before	Interior Girder 1	47.01	0.95	1	1	6.205274
Annual Permit 1_str	BOBJ1	47.01	Before	Interior Girder 2	47.01	0.95	1	1	6.238773
Annual Permit 1_str	BOBJ1	47.01	Before	Interior Girder 3	47.01	0.95	1	1	5.336187
Annual Permit 1_str	BOBJ1	47.01	Before	Interior Girder 4	47.01	0.95	1	1	5.336187
Annual Permit 1_str	BOBJ1	47.01	Before	Interior Girder 5	47.01	0.95	1	1	6.238773
Annual Permit 1_str	BOBJ1	47.01	Before	Interior Girder 6	47.01	0.95	1	1	6.205274
Annual Permit 1_str	BOBJ1	47.01	Before	Right Exterior Girder	47.01	0.95	1	1	6.754841
Annual Permit 1_str	BOBJ1	47.01	After	Left Exterior Girder	47.01	0.95	1	1	5.341577
Annual Permit 1_str	BOBJ1	47.01	After	Interior Girder 1	47.01	0.95	1	1	4.493006
Annual Permit 1_str	BOBJ1	47.01	After	Interior Girder 2	47.01	0.95	1	1	4.103605
Annual Permit 1_str	BOBJ1	47.01	After	Interior Girder 3	47.01	0.95	1	1	3.385709
Annual Permit 1_str	BOBJ1	47.01	After	Interior Girder 4	47.01	0.95	1	1	3.385709
Annual Permit 1_str	BOBJ1	47.01	After	Interior Girder 5	47.01	0.95	1	1	4.103605
Annual Permit 1_str	BOBJ1	47.01	After	Interior Girder 6	47.01	0.95	1	1	4.493006
Annual Permit 1_str	BOBJ1	47.01	After	Right Exterior Girder	47.01	0.95	1	1	5.341577
Annual Permit 1_str	BOBJ1	49.42	Before	Left Exterior Girder	49.42	0.95	1	1	5.31476
Annual Permit 1_str	BOBJ1	49.42	Before	Right Exterior Girder	49.42	0.95	1	1	5.31476
Annual Permit 1_str	BOBJ1	49.42	After	Left Exterior Girder	49.42	0.95	1	1	4.895822
Annual Permit 1_str	BOBJ1	49.42	After	Right Exterior Girder	49.42	0.95	1	1	4.895822
Annual Permit 1_str	BOBJ1	51.92	Before	Interior Girder 1	51.92	0.95	1	1	4.149744
Annual Permit 1_str	BOBJ1	51.92	Before	Interior Girder 2	51.92	0.95	1	1	4.046599
Annual Permit 1_str	BOBJ1	51.92	Before	Interior Girder 3	51.92	0.95	1	1	3.337846
Annual Permit 1_str	BOBJ1	51.92	Before	Interior Girder 4	51.92	0.95	1	1	3.337846
Annual Permit 1_str	BOBJ1	51.92	Before	Interior Girder 5	51.92	0.95	1	1	4.046599
Annual Permit 1_str	BOBJ1	51.92	Before	Interior Girder 6	51.92	0.95	1	1	4.149744
Annual Permit 1_str	BOBJ1	51.92	After	Interior Girder 1	51.92	0.95	1	1	3.586094
Annual Permit 1_str	BOBJ1	51.92	After	Interior Girder 2	51.92	0.95	1	1	3.405646
Annual Permit 1_str	BOBJ1	51.92	After	Interior Girder 3	51.92	0.95	1	1	2.731367
Annual Permit 1_str	BOBJ1	51.92	After	Interior Girder 4	51.92	0.95	1	1	2.731367
Annual Permit 1_str	BOBJ1	51.92	After	Interior Girder 5	51.92	0.95	1	1	3.405646
Annual Permit 1_str	BOBJ1	51.92	After	Interior Girder 6	51.92	0.95	1	1	3.586094
Annual Permit 1_str	BOBJ1	56.42	Before	Left Exterior Girder	56.42	0.95	1	1	5.52798
Annual Permit 1_str	BOBJ1	56.42	Before	Interior Girder 1	56.42	0.95	1	1	3.538121
Annual Permit 1_str	BOBJ1	56.42	Before	Interior Girder 2	56.42	0.95	1	1	3.36053
Annual Permit 1_str	BOBJ1	56.42	Before	Interior Girder 3	56.42	0.95	1	1	2.694353
Annual Permit 1_str	BOBJ1	56.42	Before	Interior Girder 4	56.42	0.95	1	1	2.694353
Annual Permit 1_str	BOBJ1	56.42	Before	Interior Girder 5	56.42	0.95	1	1	3.36053
Annual Permit 1_str	BOBJ1	56.42	Before	Interior Girder 6	56.42	0.95	1	1	3.538121
Annual Permit 1_str	BOBJ1	56.42	Before	Right Exterior Girder	56.42	0.95	1	1	5.52798
Annual Permit 1_str	BOBJ1	56.42	After	Left Exterior Girder	0	0.95	1	1	5.326866
Annual Permit 1_str	BOBJ1	56.42	After	Interior Girder 1	0	0.95	1	1	3.621223
Annual Permit 1_str	BOBJ1	56.42	After	Interior Girder 2	0	0.95	1	1	3.458474
Annual Permit 1_str	BOBJ1	56.42	After	Interior Girder 3	0	0.95	1	1	2.762483
Annual Permit 1_str	BOBJ1	56.42	After	Interior Girder 4	0	0.95	1	1	2.762483
Annual Permit 1_str	BOBJ1	56.42	After	Interior Girder 5	0	0.95	1	1	3.458474
Annual Permit 1_str	BOBJ1	56.42	After	Interior Girder 6	0	0.95	1	1	3.621223
Annual Permit 1_str	BOBJ1	56.42	After	Right Exterior Girder	0	0.95	1	1	5.326866
Annual Permit 1_str	BOBJ1	60.92	Before	Interior Girder 1	4.5	0.95	1	1	3.67001

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Approach, Span 7-11									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Annual Permit 1_str	BOBJ1	60.92	Before	Interior Girder 2	4.5	0.95	1	1	3.504606
Annual Permit 1_str	BOBJ1	60.92	Before	Interior Girder 3	4.5	0.95	1	1	2.800263
Annual Permit 1_str	BOBJ1	60.92	Before	Interior Girder 4	4.5	0.95	1	1	2.800263
Annual Permit 1_str	BOBJ1	60.92	Before	Interior Girder 5	4.5	0.95	1	1	3.504606
Annual Permit 1_str	BOBJ1	60.92	Before	Interior Girder 6	4.5	0.95	1	1	3.67001
Annual Permit 1_str	BOBJ1	60.92	After	Interior Girder 1	4.5	0.95	1	1	4.121211
Annual Permit 1_str	BOBJ1	60.92	After	Interior Girder 2	4.5	0.95	1	1	4.028131
Annual Permit 1_str	BOBJ1	60.92	After	Interior Girder 3	4.5	0.95	1	1	3.300857
Annual Permit 1_str	BOBJ1	60.92	After	Interior Girder 4	4.5	0.95	1	1	3.300857
Annual Permit 1_str	BOBJ1	60.92	After	Interior Girder 5	4.5	0.95	1	1	4.028131
Annual Permit 1_str	BOBJ1	60.92	After	Interior Girder 6	4.5	0.95	1	1	4.121211
Annual Permit 1_str	BOBJ1	63.42	Before	Left Exterior Girder	7	0.95	1	1	4.730909
Annual Permit 1_str	BOBJ1	63.42	Before	Right Exterior Girder	7	0.95	1	1	4.730909
Annual Permit 1_str	BOBJ1	63.42	After	Left Exterior Girder	7	0.95	1	1	4.954798
Annual Permit 1_str	BOBJ1	63.42	After	Right Exterior Girder	7	0.95	1	1	4.954798
Annual Permit 1_str	BOBJ1	64.845	Before	Left Exterior Girder	8.425	0.95	1	1	4.969548
Annual Permit 1_str	BOBJ1	64.845	Before	Interior Girder 1	8.425	0.95	1	1	4.55126
Annual Permit 1_str	BOBJ1	64.845	Before	Interior Girder 2	8.425	0.95	1	1	4.073217
Annual Permit 1_str	BOBJ1	64.845	Before	Interior Girder 3	8.425	0.95	1	1	3.338558
Annual Permit 1_str	BOBJ1	64.845	Before	Interior Girder 4	8.425	0.95	1	1	3.338558
Annual Permit 1_str	BOBJ1	64.845	Before	Interior Girder 5	8.425	0.95	1	1	4.073217
Annual Permit 1_str	BOBJ1	64.845	Before	Interior Girder 6	8.425	0.95	1	1	4.55126
Annual Permit 1_str	BOBJ1	64.845	Before	Right Exterior Girder	8.425	0.95	1	1	4.969548
Annual Permit 1_str	BOBJ1	64.845	After	Left Exterior Girder	8.425	0.95	1	1	5.904639
Annual Permit 1_str	BOBJ1	64.845	After	Interior Girder 1	8.425	0.95	1	1	5.069099
Annual Permit 1_str	BOBJ1	64.845	After	Interior Girder 2	8.425	0.95	1	1	5.032621
Annual Permit 1_str	BOBJ1	64.845	After	Interior Girder 3	8.425	0.95	1	1	4.222214
Annual Permit 1_str	BOBJ1	64.845	After	Interior Girder 4	8.425	0.95	1	1	4.222214
Annual Permit 1_str	BOBJ1	64.845	After	Interior Girder 5	8.425	0.95	1	1	5.032621
Annual Permit 1_str	BOBJ1	64.845	After	Interior Girder 6	8.425	0.95	1	1	5.069099
Annual Permit 1_str	BOBJ1	64.845	After	Right Exterior Girder	8.425	0.95	1	1	5.904639
Annual Permit 1_str	BOBJ1	69.92	Before	Left Exterior Girder	13.5	0.95	1	1	5.965123
Annual Permit 1_str	BOBJ1	69.92	Before	Interior Girder 1	13.5	0.95	1	1	5.142142
Annual Permit 1_str	BOBJ1	69.92	Before	Interior Girder 2	13.5	0.95	1	1	5.104408
Annual Permit 1_str	BOBJ1	69.92	Before	Interior Girder 3	13.5	0.95	1	1	4.283481
Annual Permit 1_str	BOBJ1	69.92	Before	Interior Girder 4	13.5	0.95	1	1	4.283481
Annual Permit 1_str	BOBJ1	69.92	Before	Interior Girder 5	13.5	0.95	1	1	5.104408
Annual Permit 1_str	BOBJ1	69.92	Before	Interior Girder 6	13.5	0.95	1	1	5.142142
Annual Permit 1_str	BOBJ1	69.92	Before	Right Exterior Girder	13.5	0.95	1	1	5.965123
Annual Permit 1_str	BOBJ1	69.92	After	Left Exterior Girder	13.5	0.95	1	1	5.681231
Annual Permit 1_str	BOBJ1	69.92	After	Interior Girder 1	13.5	0.95	1	1	5.511721
Annual Permit 1_str	BOBJ1	69.92	After	Interior Girder 2	13.5	0.95	1	1	5.543123
Annual Permit 1_str	BOBJ1	69.92	After	Interior Girder 3	13.5	0.95	1	1	4.682808
Annual Permit 1_str	BOBJ1	69.92	After	Interior Girder 4	13.5	0.95	1	1	4.682808
Annual Permit 1_str	BOBJ1	69.92	After	Interior Girder 5	13.5	0.95	1	1	5.543123
Annual Permit 1_str	BOBJ1	69.92	After	Interior Girder 6	13.5	0.95	1	1	5.511721
Annual Permit 1_str	BOBJ1	69.92	After	Right Exterior Girder	13.5	0.95	1	1	5.681231
Annual Permit 1_str	BOBJ1	73.27	Before	Left Exterior Girder	16.85	0.95	1	1	5.722014
Annual Permit 1_str	BOBJ1	73.27	Before	Interior Girder 1	16.85	0.95	1	1	5.565165
Annual Permit 1_str	BOBJ1	73.27	Before	Interior Girder 2	16.85	0.95	1	1	5.596292
Annual Permit 1_str	BOBJ1	73.27	Before	Interior Girder 3	16.85	0.95	1	1	4.728458
Annual Permit 1_str	BOBJ1	73.27	Before	Interior Girder 4	16.85	0.95	1	1	4.728458
Annual Permit 1_str	BOBJ1	73.27	Before	Interior Girder 5	16.85	0.95	1	1	5.596292
Annual Permit 1_str	BOBJ1	73.27	Before	Interior Girder 6	16.85	0.95	1	1	5.565165
Annual Permit 1_str	BOBJ1	73.27	Before	Right Exterior Girder	16.85	0.95	1	1	5.722014
Annual Permit 1_str	BOBJ1	73.27	After	Left Exterior Girder	16.85	0.95	1	1	9.056449
Annual Permit 1_str	BOBJ1	73.27	After	Interior Girder 1	16.85	0.95	1	1	6.387827
Annual Permit 1_str	BOBJ1	73.27	After	Interior Girder 2	16.85	0.95	1	1	6.136122
Annual Permit 1_str	BOBJ1	73.27	After	Interior Girder 3	16.85	0.95	1	1	5.48389
Annual Permit 1_str	BOBJ1	73.27	After	Interior Girder 4	16.85	0.95	1	1	5.48389
Annual Permit 1_str	BOBJ1	73.27	After	Interior Girder 5	16.85	0.95	1	1	6.136122
Annual Permit 1_str	BOBJ1	73.27	After	Interior Girder 6	16.85	0.95	1	1	6.387827
Annual Permit 1_str	BOBJ1	73.27	After	Right Exterior Girder	16.85	0.95	1	1	9.056449
Annual Permit 1_str	BOBJ1	81.695	Before	Left Exterior Girder	25.275	0.95	1	1	9.214481
Annual Permit 1_str	BOBJ1	81.695	Before	Interior Girder 1	25.275	0.95	1	1	6.54102

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Approach, Span 7-11									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Annual Permit 1_str	BOBJ1	81.695	Before	Interior Girder 2	25.275	0.95	1	1	6.282912
Annual Permit 1_str	BOBJ1	81.695	Before	Interior Girder 3	25.275	0.95	1	1	5.614987
Annual Permit 1_str	BOBJ1	81.695	Before	Interior Girder 4	25.275	0.95	1	1	5.614987
Annual Permit 1_str	BOBJ1	81.695	Before	Interior Girder 5	25.275	0.95	1	1	6.282912
Annual Permit 1_str	BOBJ1	81.695	Before	Interior Girder 6	25.275	0.95	1	1	6.54102
Annual Permit 1_str	BOBJ1	81.695	Before	Right Exterior Girder	25.275	0.95	1	1	9.214481
Annual Permit 1_str	BOBJ1	81.695	After	Left Exterior Girder	25.275	0.95	1	1	12.251715
Annual Permit 1_str	BOBJ1	81.695	After	Interior Girder 1	25.275	0.95	1	1	10.296563
Annual Permit 1_str	BOBJ1	81.695	After	Interior Girder 2	25.275	0.95	1	1	10.135942
Annual Permit 1_str	BOBJ1	81.695	After	Interior Girder 3	25.275	0.95	1	1	8.786452
Annual Permit 1_str	BOBJ1	81.695	After	Interior Girder 4	25.275	0.95	1	1	8.786452
Annual Permit 1_str	BOBJ1	81.695	After	Interior Girder 5	25.275	0.95	1	1	10.135942
Annual Permit 1_str	BOBJ1	81.695	After	Interior Girder 6	25.275	0.95	1	1	10.296563
Annual Permit 1_str	BOBJ1	81.695	After	Right Exterior Girder	25.275	0.95	1	1	12.251715
Annual Permit 1_str	BOBJ1	90.12	Before	Left Exterior Girder	33.7	0.95	1	1	12.454965
Annual Permit 1_str	BOBJ1	90.12	Before	Interior Girder 1	33.7	0.95	1	1	10.536076
Annual Permit 1_str	BOBJ1	90.12	Before	Interior Girder 2	33.7	0.95	1	1	10.041133
Annual Permit 1_str	BOBJ1	90.12	Before	Interior Girder 3	33.7	0.95	1	1	8.593933
Annual Permit 1_str	BOBJ1	90.12	Before	Interior Girder 4	33.7	0.95	1	1	8.593933
Annual Permit 1_str	BOBJ1	90.12	Before	Interior Girder 5	33.7	0.95	1	1	10.041133
Annual Permit 1_str	BOBJ1	90.12	Before	Interior Girder 6	33.7	0.95	1	1	10.536076
Annual Permit 1_str	BOBJ1	90.12	Before	Right Exterior Girder	33.7	0.95	1	1	12.454965
Annual Permit 1_str	BOBJ1	90.12	After	Left Exterior Girder	33.7	0.95	1	1	12.763001
Annual Permit 1_str	BOBJ1	90.12	After	Interior Girder 1	33.7	0.95	1	1	10.598535
Annual Permit 1_str	BOBJ1	90.12	After	Interior Girder 2	33.7	0.95	1	1	10.03291
Annual Permit 1_str	BOBJ1	90.12	After	Interior Girder 3	33.7	0.95	1	1	8.572493
Annual Permit 1_str	BOBJ1	90.12	After	Interior Girder 4	33.7	0.95	1	1	8.572493
Annual Permit 1_str	BOBJ1	90.12	After	Interior Girder 5	33.7	0.95	1	1	10.03291
Annual Permit 1_str	BOBJ1	90.12	After	Interior Girder 6	33.7	0.95	1	1	10.598535
Annual Permit 1_str	BOBJ1	90.12	After	Right Exterior Girder	33.7	0.95	1	1	12.763001
Annual Permit 1_str	BOBJ1	98.545	Before	Left Exterior Girder	42.125	0.95	1	1	12.555369
Annual Permit 1_str	BOBJ1	98.545	Before	Interior Girder 1	42.125	0.95	1	1	10.357939
Annual Permit 1_str	BOBJ1	98.545	Before	Interior Girder 2	42.125	0.95	1	1	10.17589
Annual Permit 1_str	BOBJ1	98.545	Before	Interior Girder 3	42.125	0.95	1	1	8.76466
Annual Permit 1_str	BOBJ1	98.545	Before	Interior Girder 4	42.125	0.95	1	1	8.76466
Annual Permit 1_str	BOBJ1	98.545	Before	Interior Girder 5	42.125	0.95	1	1	10.17589
Annual Permit 1_str	BOBJ1	98.545	Before	Interior Girder 6	42.125	0.95	1	1	10.357939
Annual Permit 1_str	BOBJ1	98.545	Before	Right Exterior Girder	42.125	0.95	1	1	12.555369
Annual Permit 1_str	BOBJ1	98.545	After	Left Exterior Girder	42.125	0.95	1	1	9.442488
Annual Permit 1_str	BOBJ1	98.545	After	Interior Girder 1	42.125	0.95	1	1	6.605871
Annual Permit 1_str	BOBJ1	98.545	After	Interior Girder 2	42.125	0.95	1	1	6.325917
Annual Permit 1_str	BOBJ1	98.545	After	Interior Girder 3	42.125	0.95	1	1	5.658319
Annual Permit 1_str	BOBJ1	98.545	After	Interior Girder 4	42.125	0.95	1	1	5.658319
Annual Permit 1_str	BOBJ1	98.545	After	Interior Girder 5	42.125	0.95	1	1	6.325917
Annual Permit 1_str	BOBJ1	98.545	After	Interior Girder 6	42.125	0.95	1	1	6.605871
Annual Permit 1_str	BOBJ1	98.545	After	Right Exterior Girder	42.125	0.95	1	1	9.442488
Annual Permit 1_str	BOBJ1	106.97	Before	Left Exterior Girder	50.55	0.95	1	1	9.281085
Annual Permit 1_str	BOBJ1	106.97	Before	Interior Girder 1	50.55	0.95	1	1	6.451367
Annual Permit 1_str	BOBJ1	106.97	Before	Interior Girder 2	50.55	0.95	1	1	6.17823
Annual Permit 1_str	BOBJ1	106.97	Before	Interior Girder 3	50.55	0.95	1	1	5.526308
Annual Permit 1_str	BOBJ1	106.97	Before	Interior Girder 4	50.55	0.95	1	1	5.526308
Annual Permit 1_str	BOBJ1	106.97	Before	Interior Girder 5	50.55	0.95	1	1	6.17823
Annual Permit 1_str	BOBJ1	106.97	Before	Interior Girder 6	50.55	0.95	1	1	6.451367
Annual Permit 1_str	BOBJ1	106.97	Before	Right Exterior Girder	50.55	0.95	1	1	9.281085
Annual Permit 1_str	BOBJ1	106.97	After	Left Exterior Girder	50.55	0.95	1	1	5.710722
Annual Permit 1_str	BOBJ1	106.97	After	Interior Girder 1	50.55	0.95	1	1	5.616547
Annual Permit 1_str	BOBJ1	106.97	After	Interior Girder 2	50.55	0.95	1	1	5.758777
Annual Permit 1_str	BOBJ1	106.97	After	Interior Girder 3	50.55	0.95	1	1	4.903719
Annual Permit 1_str	BOBJ1	106.97	After	Interior Girder 4	50.55	0.95	1	1	4.903719
Annual Permit 1_str	BOBJ1	106.97	After	Interior Girder 5	50.55	0.95	1	1	5.758777
Annual Permit 1_str	BOBJ1	106.97	After	Interior Girder 6	50.55	0.95	1	1	5.616547
Annual Permit 1_str	BOBJ1	106.97	After	Right Exterior Girder	50.55	0.95	1	1	5.710722
Annual Permit 1_str	BOBJ1	115.405	Before	Left Exterior Girder	58.985	0.95	1	1	5.607686
Annual Permit 1_str	BOBJ1	115.405	Before	Interior Girder 1	58.985	0.95	1	1	5.48036
Annual Permit 1_str	BOBJ1	115.405	Before	Interior Girder 2	58.985	0.95	1	1	5.620729

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Approach, Span 7-11									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Annual Permit 1_str	BOBJ1	115.405	Before	Interior Girder 3	58.985	0.95	1	1	4.784302
Annual Permit 1_str	BOBJ1	115.405	Before	Interior Girder 4	58.985	0.95	1	1	4.784302
Annual Permit 1_str	BOBJ1	115.405	Before	Interior Girder 5	58.985	0.95	1	1	5.620729
Annual Permit 1_str	BOBJ1	115.405	Before	Interior Girder 6	58.985	0.95	1	1	5.48036
Annual Permit 1_str	BOBJ1	115.405	Before	Right Exterior Girder	58.985	0.95	1	1	5.607686
Annual Permit 1_str	BOBJ1	115.405	After	Left Exterior Girder	58.985	0.95	1	1	3.686323
Annual Permit 1_str	BOBJ1	115.405	After	Interior Girder 1	58.985	0.95	1	1	4.943277
Annual Permit 1_str	BOBJ1	115.405	After	Interior Girder 2	58.985	0.95	1	1	3.898715
Annual Permit 1_str	BOBJ1	115.405	After	Interior Girder 3	58.985	0.95	1	1	3.186094
Annual Permit 1_str	BOBJ1	115.405	After	Interior Girder 4	58.985	0.95	1	1	3.186094
Annual Permit 1_str	BOBJ1	115.405	After	Interior Girder 5	58.985	0.95	1	1	3.898715
Annual Permit 1_str	BOBJ1	115.405	After	Interior Girder 6	58.985	0.95	1	1	4.943277
Annual Permit 1_str	BOBJ1	115.405	After	Right Exterior Girder	58.985	0.95	1	1	3.686323
Annual Permit 1_str	BOBJ1	116.34	Before	Left Exterior Girder	59.92	0.95	1	1	3.678242
Annual Permit 1_str	BOBJ1	116.34	Before	Right Exterior Girder	59.92	0.95	1	1	3.678242
Annual Permit 1_str	BOBJ1	116.34	After	Left Exterior Girder	59.92	0.95	1	1	3.509737
Annual Permit 1_str	BOBJ1	116.34	After	Right Exterior Girder	59.92	0.95	1	1	3.509737
Annual Permit 1_str	BOBJ1	118.84	Before	Interior Girder 1	62.42	0.95	1	1	3.914891
Annual Permit 1_str	BOBJ1	118.84	Before	Interior Girder 2	62.42	0.95	1	1	3.859551
Annual Permit 1_str	BOBJ1	118.84	Before	Interior Girder 3	62.42	0.95	1	1	3.15343
Annual Permit 1_str	BOBJ1	118.84	Before	Interior Girder 4	62.42	0.95	1	1	3.15343
Annual Permit 1_str	BOBJ1	118.84	Before	Interior Girder 5	62.42	0.95	1	1	3.859551
Annual Permit 1_str	BOBJ1	118.84	Before	Interior Girder 6	62.42	0.95	1	1	3.914891
Annual Permit 1_str	BOBJ1	118.84	After	Interior Girder 1	62.42	0.95	1	1	3.520568
Annual Permit 1_str	BOBJ1	118.84	After	Interior Girder 2	62.42	0.95	1	1	3.38406
Annual Permit 1_str	BOBJ1	118.84	After	Interior Girder 3	62.42	0.95	1	1	2.712118
Annual Permit 1_str	BOBJ1	118.84	After	Interior Girder 4	62.42	0.95	1	1	2.712118
Annual Permit 1_str	BOBJ1	118.84	After	Interior Girder 5	62.42	0.95	1	1	3.38406
Annual Permit 1_str	BOBJ1	118.84	After	Interior Girder 6	62.42	0.95	1	1	3.520568
Annual Permit 1_str	BOBJ1	123.84	Before	Left Exterior Girder	67.42	0.95	1	1	4.729806
Annual Permit 1_str	BOBJ1	123.84	Before	Interior Girder 1	67.42	0.95	1	1	3.465475
Annual Permit 1_str	BOBJ1	123.84	Before	Interior Girder 2	67.42	0.95	1	1	3.331686
Annual Permit 1_str	BOBJ1	123.84	Before	Interior Girder 3	67.42	0.95	1	1	2.669092
Annual Permit 1_str	BOBJ1	123.84	Before	Interior Girder 4	67.42	0.95	1	1	2.669092
Annual Permit 1_str	BOBJ1	123.84	Before	Interior Girder 5	67.42	0.95	1	1	3.331686
Annual Permit 1_str	BOBJ1	123.84	Before	Interior Girder 6	67.42	0.95	1	1	3.465475
Annual Permit 1_str	BOBJ1	123.84	Before	Right Exterior Girder	67.42	0.95	1	1	4.729806
Annual Permit 1_str	BOBJ1	123.84	After	Left Exterior Girder	0	0.95	1	1	4.703727
Annual Permit 1_str	BOBJ1	123.84	After	Interior Girder 1	0	0.95	1	1	3.461777
Annual Permit 1_str	BOBJ1	123.84	After	Interior Girder 2	0	0.95	1	1	3.330872
Annual Permit 1_str	BOBJ1	123.84	After	Interior Girder 3	0	0.95	1	1	2.668322
Annual Permit 1_str	BOBJ1	123.84	After	Interior Girder 4	0	0.95	1	1	2.668322
Annual Permit 1_str	BOBJ1	123.84	After	Interior Girder 5	0	0.95	1	1	3.330872
Annual Permit 1_str	BOBJ1	123.84	After	Interior Girder 6	0	0.95	1	1	3.461777
Annual Permit 1_str	BOBJ1	123.84	After	Right Exterior Girder	0	0.95	1	1	4.703727
Annual Permit 1_str	BOBJ1	128.84	Before	Interior Girder 1	5	0.95	1	1	3.51686
Annual Permit 1_str	BOBJ1	128.84	Before	Interior Girder 2	5	0.95	1	1	3.383267
Annual Permit 1_str	BOBJ1	128.84	Before	Interior Girder 3	5	0.95	1	1	2.711361
Annual Permit 1_str	BOBJ1	128.84	Before	Interior Girder 4	5	0.95	1	1	2.711361
Annual Permit 1_str	BOBJ1	128.84	Before	Interior Girder 5	5	0.95	1	1	3.383267
Annual Permit 1_str	BOBJ1	128.84	Before	Interior Girder 6	5	0.95	1	1	3.51686
Annual Permit 1_str	BOBJ1	128.84	After	Interior Girder 1	5	0.95	1	1	3.906591
Annual Permit 1_str	BOBJ1	128.84	After	Interior Girder 2	5	0.95	1	1	3.856143
Annual Permit 1_str	BOBJ1	128.84	After	Interior Girder 3	5	0.95	1	1	3.150662
Annual Permit 1_str	BOBJ1	128.84	After	Interior Girder 4	5	0.95	1	1	3.150662
Annual Permit 1_str	BOBJ1	128.84	After	Interior Girder 5	5	0.95	1	1	3.856143
Annual Permit 1_str	BOBJ1	128.84	After	Interior Girder 6	5	0.95	1	1	3.906591
Annual Permit 1_str	BOBJ1	131.34	Before	Left Exterior Girder	7.5	0.95	1	1	3.486816
Annual Permit 1_str	BOBJ1	131.34	Before	Right Exterior Girder	7.5	0.95	1	1	3.486816
Annual Permit 1_str	BOBJ1	131.34	After	Left Exterior Girder	7.5	0.95	1	1	3.64725
Annual Permit 1_str	BOBJ1	131.34	After	Right Exterior Girder	7.5	0.95	1	1	3.64725
Annual Permit 1_str	BOBJ1	132.265	Before	Left Exterior Girder	8.425	0.95	1	1	3.655189
Annual Permit 1_str	BOBJ1	132.265	Before	Interior Girder 1	8.425	0.95	1	1	4.94482
Annual Permit 1_str	BOBJ1	132.265	Before	Interior Girder 2	8.425	0.95	1	1	3.895183
Annual Permit 1_str	BOBJ1	132.265	Before	Interior Girder 3	8.425	0.95	1	1	3.18322

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Approach, Span 7-11									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Annual Permit 1_str	BOBJ1	132.265	Before	Interior Girder 4	8.425	0.95	1	1	3.18322
Annual Permit 1_str	BOBJ1	132.265	Before	Interior Girder 5	8.425	0.95	1	1	3.895183
Annual Permit 1_str	BOBJ1	132.265	Before	Interior Girder 6	8.425	0.95	1	1	4.94482
Annual Permit 1_str	BOBJ1	132.265	Before	Right Exterior Girder	8.425	0.95	1	1	3.655189
Annual Permit 1_str	BOBJ1	132.265	After	Left Exterior Girder	8.425	0.95	1	1	5.562208
Annual Permit 1_str	BOBJ1	132.265	After	Interior Girder 1	8.425	0.95	1	1	5.453395
Annual Permit 1_str	BOBJ1	132.265	After	Interior Girder 2	8.425	0.95	1	1	5.605644
Annual Permit 1_str	BOBJ1	132.265	After	Interior Girder 3	8.425	0.95	1	1	4.772749
Annual Permit 1_str	BOBJ1	132.265	After	Interior Girder 4	8.425	0.95	1	1	4.772749
Annual Permit 1_str	BOBJ1	132.265	After	Interior Girder 5	8.425	0.95	1	1	5.605644
Annual Permit 1_str	BOBJ1	132.265	After	Interior Girder 6	8.425	0.95	1	1	5.453395
Annual Permit 1_str	BOBJ1	132.265	After	Right Exterior Girder	8.425	0.95	1	1	5.562208
Annual Permit 1_str	BOBJ1	140.69	Before	Left Exterior Girder	16.85	0.95	1	1	5.664391
Annual Permit 1_str	BOBJ1	140.69	Before	Interior Girder 1	16.85	0.95	1	1	5.588877
Annual Permit 1_str	BOBJ1	140.69	Before	Interior Girder 2	16.85	0.95	1	1	5.743251
Annual Permit 1_str	BOBJ1	140.69	Before	Interior Girder 3	16.85	0.95	1	1	4.891805
Annual Permit 1_str	BOBJ1	140.69	Before	Interior Girder 4	16.85	0.95	1	1	4.891805
Annual Permit 1_str	BOBJ1	140.69	Before	Interior Girder 5	16.85	0.95	1	1	5.743251
Annual Permit 1_str	BOBJ1	140.69	Before	Interior Girder 6	16.85	0.95	1	1	5.588877
Annual Permit 1_str	BOBJ1	140.69	Before	Right Exterior Girder	16.85	0.95	1	1	5.664391
Annual Permit 1_str	BOBJ1	140.69	After	Left Exterior Girder	16.85	0.95	1	1	9.172454
Annual Permit 1_str	BOBJ1	140.69	After	Interior Girder 1	16.85	0.95	1	1	6.405579
Annual Permit 1_str	BOBJ1	140.69	After	Interior Girder 2	16.85	0.95	1	1	6.155469
Annual Permit 1_str	BOBJ1	140.69	After	Interior Girder 3	16.85	0.95	1	1	5.514865
Annual Permit 1_str	BOBJ1	140.69	After	Interior Girder 4	16.85	0.95	1	1	5.514865
Annual Permit 1_str	BOBJ1	140.69	After	Interior Girder 5	16.85	0.95	1	1	6.155469
Annual Permit 1_str	BOBJ1	140.69	After	Interior Girder 6	16.85	0.95	1	1	6.405579
Annual Permit 1_str	BOBJ1	140.69	After	Right Exterior Girder	16.85	0.95	1	1	9.172454
Annual Permit 1_str	BOBJ1	149.115	Before	Left Exterior Girder	25.275	0.95	1	1	9.332162
Annual Permit 1_str	BOBJ1	149.115	Before	Interior Girder 1	25.275	0.95	1	1	6.559142
Annual Permit 1_str	BOBJ1	149.115	Before	Interior Girder 2	25.275	0.95	1	1	6.302705
Annual Permit 1_str	BOBJ1	149.115	Before	Interior Girder 3	25.275	0.95	1	1	5.646649
Annual Permit 1_str	BOBJ1	149.115	Before	Interior Girder 4	25.275	0.95	1	1	5.646649
Annual Permit 1_str	BOBJ1	149.115	Before	Interior Girder 5	25.275	0.95	1	1	6.302705
Annual Permit 1_str	BOBJ1	149.115	Before	Interior Girder 6	25.275	0.95	1	1	6.559142
Annual Permit 1_str	BOBJ1	149.115	Before	Right Exterior Girder	25.275	0.95	1	1	9.332162
Annual Permit 1_str	BOBJ1	149.115	After	Left Exterior Girder	25.275	0.95	1	1	12.366686
Annual Permit 1_str	BOBJ1	149.115	After	Interior Girder 1	25.275	0.95	1	1	10.290873
Annual Permit 1_str	BOBJ1	149.115	After	Interior Girder 2	25.275	0.95	1	1	10.143366
Annual Permit 1_str	BOBJ1	149.115	After	Interior Girder 3	25.275	0.95	1	1	8.776105
Annual Permit 1_str	BOBJ1	149.115	After	Interior Girder 4	25.275	0.95	1	1	8.776105
Annual Permit 1_str	BOBJ1	149.115	After	Interior Girder 5	25.275	0.95	1	1	10.143366
Annual Permit 1_str	BOBJ1	149.115	After	Interior Girder 6	25.275	0.95	1	1	10.290873
Annual Permit 1_str	BOBJ1	149.115	After	Right Exterior Girder	25.275	0.95	1	1	12.366686
Annual Permit 1_str	BOBJ1	157.54	Before	Left Exterior Girder	33.7	0.95	1	1	12.571438
Annual Permit 1_str	BOBJ1	157.54	Before	Interior Girder 1	33.7	0.95	1	1	10.530148
Annual Permit 1_str	BOBJ1	157.54	Before	Interior Girder 2	33.7	0.95	1	1	10.038998
Annual Permit 1_str	BOBJ1	157.54	Before	Interior Girder 3	33.7	0.95	1	1	8.583746
Annual Permit 1_str	BOBJ1	157.54	Before	Interior Girder 4	33.7	0.95	1	1	8.583746
Annual Permit 1_str	BOBJ1	157.54	Before	Interior Girder 5	33.7	0.95	1	1	10.038998
Annual Permit 1_str	BOBJ1	157.54	Before	Interior Girder 6	33.7	0.95	1	1	10.530148
Annual Permit 1_str	BOBJ1	157.54	Before	Right Exterior Girder	33.7	0.95	1	1	12.571438
Annual Permit 1_str	BOBJ1	157.54	After	Left Exterior Girder	33.7	0.95	1	1	12.592682
Annual Permit 1_str	BOBJ1	157.54	After	Interior Girder 1	33.7	0.95	1	1	10.536601
Annual Permit 1_str	BOBJ1	157.54	After	Interior Girder 2	33.7	0.95	1	1	10.035018
Annual Permit 1_str	BOBJ1	157.54	After	Interior Girder 3	33.7	0.95	1	1	8.579277
Annual Permit 1_str	BOBJ1	157.54	After	Interior Girder 4	33.7	0.95	1	1	8.579277
Annual Permit 1_str	BOBJ1	157.54	After	Interior Girder 5	33.7	0.95	1	1	10.035018
Annual Permit 1_str	BOBJ1	157.54	After	Interior Girder 6	33.7	0.95	1	1	10.536601
Annual Permit 1_str	BOBJ1	157.54	After	Right Exterior Girder	33.7	0.95	1	1	12.592682
Annual Permit 1_str	BOBJ1	165.965	Before	Left Exterior Girder	42.125	0.95	1	1	12.387598
Annual Permit 1_str	BOBJ1	165.965	Before	Interior Girder 1	42.125	0.95	1	1	10.297185
Annual Permit 1_str	BOBJ1	165.965	Before	Interior Girder 2	42.125	0.95	1	1	10.148225
Annual Permit 1_str	BOBJ1	165.965	Before	Interior Girder 3	42.125	0.95	1	1	8.771544
Annual Permit 1_str	BOBJ1	165.965	Before	Interior Girder 4	42.125	0.95	1	1	8.771544

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Approach, Span 7-11									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Annual Permit 1_str	BOBJ1	165.965	Before	Interior Girder 5	42.125	0.95	1	1	10.148225
Annual Permit 1_str	BOBJ1	165.965	Before	Interior Girder 6	42.125	0.95	1	1	10.297185
Annual Permit 1_str	BOBJ1	165.965	Before	Right Exterior Girder	42.125	0.95	1	1	12.387598
Annual Permit 1_str	BOBJ1	165.965	After	Left Exterior Girder	42.125	0.95	1	1	9.344281
Annual Permit 1_str	BOBJ1	165.965	After	Interior Girder 1	42.125	0.95	1	1	6.562378
Annual Permit 1_str	BOBJ1	165.965	After	Interior Girder 2	42.125	0.95	1	1	6.3049
Annual Permit 1_str	BOBJ1	165.965	After	Interior Girder 3	42.125	0.95	1	1	5.64986
Annual Permit 1_str	BOBJ1	165.965	After	Interior Girder 4	42.125	0.95	1	1	5.64986
Annual Permit 1_str	BOBJ1	165.965	After	Interior Girder 5	42.125	0.95	1	1	6.3049
Annual Permit 1_str	BOBJ1	165.965	After	Interior Girder 6	42.125	0.95	1	1	6.562378
Annual Permit 1_str	BOBJ1	165.965	After	Right Exterior Girder	42.125	0.95	1	1	9.344281
Annual Permit 1_str	BOBJ1	174.39	Before	Left Exterior Girder	50.55	0.95	1	1	9.184378
Annual Permit 1_str	BOBJ1	174.39	Before	Interior Girder 1	50.55	0.95	1	1	6.408742
Annual Permit 1_str	BOBJ1	174.39	Before	Interior Girder 2	50.55	0.95	1	1	6.157615
Annual Permit 1_str	BOBJ1	174.39	Before	Interior Girder 3	50.55	0.95	1	1	5.518008
Annual Permit 1_str	BOBJ1	174.39	Before	Interior Girder 4	50.55	0.95	1	1	5.518008
Annual Permit 1_str	BOBJ1	174.39	Before	Interior Girder 5	50.55	0.95	1	1	6.157615
Annual Permit 1_str	BOBJ1	174.39	Before	Interior Girder 6	50.55	0.95	1	1	6.408742
Annual Permit 1_str	BOBJ1	174.39	Before	Right Exterior Girder	50.55	0.95	1	1	9.184378
Annual Permit 1_str	BOBJ1	174.39	After	Left Exterior Girder	50.55	0.95	1	1	5.670574
Annual Permit 1_str	BOBJ1	174.39	After	Interior Girder 1	50.55	0.95	1	1	5.590068
Annual Permit 1_str	BOBJ1	174.39	After	Interior Girder 2	50.55	0.95	1	1	5.743838
Annual Permit 1_str	BOBJ1	174.39	After	Interior Girder 3	50.55	0.95	1	1	4.896653
Annual Permit 1_str	BOBJ1	174.39	After	Interior Girder 4	50.55	0.95	1	1	4.896653
Annual Permit 1_str	BOBJ1	174.39	After	Interior Girder 5	50.55	0.95	1	1	5.743838
Annual Permit 1_str	BOBJ1	174.39	After	Interior Girder 6	50.55	0.95	1	1	5.590068
Annual Permit 1_str	BOBJ1	174.39	After	Right Exterior Girder	50.55	0.95	1	1	5.670574
Annual Permit 1_str	BOBJ1	182.825	Before	Left Exterior Girder	58.985	0.95	1	1	5.568169
Annual Permit 1_str	BOBJ1	182.825	Before	Interior Girder 1	58.985	0.95	1	1	5.454391
Annual Permit 1_str	BOBJ1	182.825	Before	Interior Girder 2	58.985	0.95	1	1	5.606047
Annual Permit 1_str	BOBJ1	182.825	Before	Interior Girder 3	58.985	0.95	1	1	4.77735
Annual Permit 1_str	BOBJ1	182.825	Before	Interior Girder 4	58.985	0.95	1	1	4.77735
Annual Permit 1_str	BOBJ1	182.825	Before	Interior Girder 5	58.985	0.95	1	1	5.606047
Annual Permit 1_str	BOBJ1	182.825	Before	Interior Girder 6	58.985	0.95	1	1	5.454391
Annual Permit 1_str	BOBJ1	182.825	Before	Right Exterior Girder	58.985	0.95	1	1	5.568169
Annual Permit 1_str	BOBJ1	182.825	After	Left Exterior Girder	58.985	0.95	1	1	3.668404
Annual Permit 1_str	BOBJ1	182.825	After	Interior Girder 1	58.985	0.95	1	1	4.932277
Annual Permit 1_str	BOBJ1	182.825	After	Interior Girder 2	58.985	0.95	1	1	3.893686
Annual Permit 1_str	BOBJ1	182.825	After	Interior Girder 3	58.985	0.95	1	1	3.184563
Annual Permit 1_str	BOBJ1	182.825	After	Interior Girder 4	58.985	0.95	1	1	3.184563
Annual Permit 1_str	BOBJ1	182.825	After	Interior Girder 5	58.985	0.95	1	1	3.893686
Annual Permit 1_str	BOBJ1	182.825	After	Interior Girder 6	58.985	0.95	1	1	4.932277
Annual Permit 1_str	BOBJ1	182.825	After	Right Exterior Girder	58.985	0.95	1	1	3.668404
Annual Permit 1_str	BOBJ1	183.76	Before	Left Exterior Girder	59.92	0.95	1	1	3.660354
Annual Permit 1_str	BOBJ1	183.76	Before	Right Exterior Girder	59.92	0.95	1	1	3.660354
Annual Permit 1_str	BOBJ1	183.76	After	Left Exterior Girder	59.92	0.95	1	1	3.497615
Annual Permit 1_str	BOBJ1	183.76	After	Right Exterior Girder	59.92	0.95	1	1	3.497615
Annual Permit 1_str	BOBJ1	186.26	Before	Interior Girder 1	62.42	0.95	1	1	3.90546
Annual Permit 1_str	BOBJ1	186.26	Before	Interior Girder 2	62.42	0.95	1	1	3.854542
Annual Permit 1_str	BOBJ1	186.26	Before	Interior Girder 3	62.42	0.95	1	1	3.151899
Annual Permit 1_str	BOBJ1	186.26	Before	Interior Girder 4	62.42	0.95	1	1	3.151899
Annual Permit 1_str	BOBJ1	186.26	Before	Interior Girder 5	62.42	0.95	1	1	3.854542
Annual Permit 1_str	BOBJ1	186.26	Before	Interior Girder 6	62.42	0.95	1	1	3.90546
Annual Permit 1_str	BOBJ1	186.26	After	Interior Girder 1	62.42	0.95	1	1	3.514644
Annual Permit 1_str	BOBJ1	186.26	After	Interior Girder 2	62.42	0.95	1	1	3.380837
Annual Permit 1_str	BOBJ1	186.26	After	Interior Girder 3	62.42	0.95	1	1	2.711257
Annual Permit 1_str	BOBJ1	186.26	After	Interior Girder 4	62.42	0.95	1	1	2.711257
Annual Permit 1_str	BOBJ1	186.26	After	Interior Girder 5	62.42	0.95	1	1	3.380837
Annual Permit 1_str	BOBJ1	186.26	After	Interior Girder 6	62.42	0.95	1	1	3.514644
Annual Permit 1_str	BOBJ1	191.26	Before	Left Exterior Girder	67.42	0.95	1	1	4.707282
Annual Permit 1_str	BOBJ1	191.26	Before	Interior Girder 1	67.42	0.95	1	1	3.459589
Annual Permit 1_str	BOBJ1	191.26	Before	Interior Girder 2	67.42	0.95	1	1	3.328473
Annual Permit 1_str	BOBJ1	191.26	Before	Interior Girder 3	67.42	0.95	1	1	2.668222
Annual Permit 1_str	BOBJ1	191.26	Before	Interior Girder 4	67.42	0.95	1	1	2.668222
Annual Permit 1_str	BOBJ1	191.26	Before	Interior Girder 5	67.42	0.95	1	1	3.328473

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Approach, Span 7-11									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Annual Permit 1_str	BOBJ1	191.26	Before	Interior Girder 6	67.42	0.95	1	1	3.459589
Annual Permit 1_str	BOBJ1	191.26	Before	Right Exterior Girder	67.42	0.95	1	1	4.707282
Annual Permit 1_str	BOBJ1	191.26	After	Left Exterior Girder	0	0.95	1	1	4.724809
Annual Permit 1_str	BOBJ1	191.26	After	Interior Girder 1	0	0.95	1	1	3.467042
Annual Permit 1_str	BOBJ1	191.26	After	Interior Girder 2	0	0.95	1	1	3.333686
Annual Permit 1_str	BOBJ1	191.26	After	Interior Girder 3	0	0.95	1	1	2.66889
Annual Permit 1_str	BOBJ1	191.26	After	Interior Girder 4	0	0.95	1	1	2.66889
Annual Permit 1_str	BOBJ1	191.26	After	Interior Girder 5	0	0.95	1	1	3.333686
Annual Permit 1_str	BOBJ1	191.26	After	Interior Girder 6	0	0.95	1	1	3.467042
Annual Permit 1_str	BOBJ1	191.26	After	Right Exterior Girder	0	0.95	1	1	4.724809
Annual Permit 1_str	BOBJ1	196.26	Before	Interior Girder 1	5	0.95	1	1	3.522163
Annual Permit 1_str	BOBJ1	196.26	Before	Interior Girder 2	5	0.95	1	1	3.386091
Annual Permit 1_str	BOBJ1	196.26	Before	Interior Girder 3	5	0.95	1	1	2.71192
Annual Permit 1_str	BOBJ1	196.26	Before	Interior Girder 4	5	0.95	1	1	2.71192
Annual Permit 1_str	BOBJ1	196.26	Before	Interior Girder 5	5	0.95	1	1	3.386091
Annual Permit 1_str	BOBJ1	196.26	Before	Interior Girder 6	5	0.95	1	1	3.522163
Annual Permit 1_str	BOBJ1	196.26	After	Interior Girder 1	5	0.95	1	1	3.915343
Annual Permit 1_str	BOBJ1	196.26	After	Interior Girder 2	5	0.95	1	1	3.860691
Annual Permit 1_str	BOBJ1	196.26	After	Interior Girder 3	5	0.95	1	1	3.151847
Annual Permit 1_str	BOBJ1	196.26	After	Interior Girder 4	5	0.95	1	1	3.151847
Annual Permit 1_str	BOBJ1	196.26	After	Interior Girder 5	5	0.95	1	1	3.860691
Annual Permit 1_str	BOBJ1	196.26	After	Interior Girder 6	5	0.95	1	1	3.915343
Annual Permit 1_str	BOBJ1	198.76	Before	Left Exterior Girder	7.5	0.95	1	1	3.497389
Annual Permit 1_str	BOBJ1	198.76	Before	Right Exterior Girder	7.5	0.95	1	1	3.497389
Annual Permit 1_str	BOBJ1	198.76	After	Left Exterior Girder	7.5	0.95	1	1	3.663498
Annual Permit 1_str	BOBJ1	198.76	After	Right Exterior Girder	7.5	0.95	1	1	3.663498
Annual Permit 1_str	BOBJ1	199.685	Before	Left Exterior Girder	8.425	0.95	1	1	3.671468
Annual Permit 1_str	BOBJ1	199.685	Before	Interior Girder 1	8.425	0.95	1	1	4.955563
Annual Permit 1_str	BOBJ1	199.685	Before	Interior Girder 2	8.425	0.95	1	1	3.899752
Annual Permit 1_str	BOBJ1	199.685	Before	Interior Girder 3	8.425	0.95	1	1	3.184405
Annual Permit 1_str	BOBJ1	199.685	Before	Interior Girder 4	8.425	0.95	1	1	3.184405
Annual Permit 1_str	BOBJ1	199.685	Before	Interior Girder 5	8.425	0.95	1	1	3.899752
Annual Permit 1_str	BOBJ1	199.685	Before	Interior Girder 6	8.425	0.95	1	1	4.955563
Annual Permit 1_str	BOBJ1	199.685	Before	Right Exterior Girder	8.425	0.95	1	1	3.671468
Annual Permit 1_str	BOBJ1	199.685	After	Left Exterior Girder	8.425	0.95	1	1	5.600131
Annual Permit 1_str	BOBJ1	199.685	After	Interior Girder 1	8.425	0.95	1	1	5.478363
Annual Permit 1_str	BOBJ1	199.685	After	Interior Girder 2	8.425	0.95	1	1	5.619619
Annual Permit 1_str	BOBJ1	199.685	After	Interior Girder 3	8.425	0.95	1	1	4.779172
Annual Permit 1_str	BOBJ1	199.685	After	Interior Girder 4	8.425	0.95	1	1	4.779172
Annual Permit 1_str	BOBJ1	199.685	After	Interior Girder 5	8.425	0.95	1	1	5.619619
Annual Permit 1_str	BOBJ1	199.685	After	Interior Girder 6	8.425	0.95	1	1	5.478363
Annual Permit 1_str	BOBJ1	199.685	After	Right Exterior Girder	8.425	0.95	1	1	5.600131
Annual Permit 1_str	BOBJ1	208.11	Before	Left Exterior Girder	16.85	0.95	1	1	5.702944
Annual Permit 1_str	BOBJ1	208.11	Before	Interior Girder 1	16.85	0.95	1	1	5.614352
Annual Permit 1_str	BOBJ1	208.11	Before	Interior Girder 2	16.85	0.95	1	1	5.757482
Annual Permit 1_str	BOBJ1	208.11	Before	Interior Girder 3	16.85	0.95	1	1	4.898343
Annual Permit 1_str	BOBJ1	208.11	Before	Interior Girder 4	16.85	0.95	1	1	4.898343
Annual Permit 1_str	BOBJ1	208.11	Before	Interior Girder 5	16.85	0.95	1	1	5.757482
Annual Permit 1_str	BOBJ1	208.11	Before	Interior Girder 6	16.85	0.95	1	1	5.614352
Annual Permit 1_str	BOBJ1	208.11	Before	Right Exterior Girder	16.85	0.95	1	1	5.702944
Annual Permit 1_str	BOBJ1	208.11	After	Left Exterior Girder	16.85	0.95	1	1	9.266541
Annual Permit 1_str	BOBJ1	208.11	After	Interior Girder 1	16.85	0.95	1	1	6.446941
Annual Permit 1_str	BOBJ1	208.11	After	Interior Girder 2	16.85	0.95	1	1	6.175319
Annual Permit 1_str	BOBJ1	208.11	After	Interior Girder 3	16.85	0.95	1	1	5.522667
Annual Permit 1_str	BOBJ1	208.11	After	Interior Girder 4	16.85	0.95	1	1	5.522667
Annual Permit 1_str	BOBJ1	208.11	After	Interior Girder 5	16.85	0.95	1	1	6.175319
Annual Permit 1_str	BOBJ1	208.11	After	Interior Girder 6	16.85	0.95	1	1	6.446941
Annual Permit 1_str	BOBJ1	208.11	After	Right Exterior Girder	16.85	0.95	1	1	9.266541
Annual Permit 1_str	BOBJ1	216.535	Before	Left Exterior Girder	25.275	0.95	1	1	9.427745
Annual Permit 1_str	BOBJ1	216.535	Before	Interior Girder 1	25.275	0.95	1	1	6.601369
Annual Permit 1_str	BOBJ1	216.535	Before	Interior Girder 2	25.275	0.95	1	1	6.322957
Annual Permit 1_str	BOBJ1	216.535	Before	Interior Girder 3	25.275	0.95	1	1	5.654608
Annual Permit 1_str	BOBJ1	216.535	Before	Interior Girder 4	25.275	0.95	1	1	5.654608
Annual Permit 1_str	BOBJ1	216.535	Before	Interior Girder 5	25.275	0.95	1	1	6.322957
Annual Permit 1_str	BOBJ1	216.535	Before	Interior Girder 6	25.275	0.95	1	1	6.601369

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Approach, Span 7-11									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Annual Permit 1_str	BOBJ1	216.535	Before	Right Exterior Girder	25.275	0.95	1	1	9.427745
Annual Permit 1_str	BOBJ1	216.535	After	Left Exterior Girder	25.275	0.95	1	1	12.53086
Annual Permit 1_str	BOBJ1	216.535	After	Interior Girder 1	25.275	0.95	1	1	10.349575
Annual Permit 1_str	BOBJ1	216.535	After	Interior Girder 2	25.275	0.95	1	1	10.169806
Annual Permit 1_str	BOBJ1	216.535	After	Interior Girder 3	25.275	0.95	1	1	8.769832
Annual Permit 1_str	BOBJ1	216.535	After	Interior Girder 4	25.275	0.95	1	1	8.769832
Annual Permit 1_str	BOBJ1	216.535	After	Interior Girder 5	25.275	0.95	1	1	10.169806
Annual Permit 1_str	BOBJ1	216.535	After	Interior Girder 6	25.275	0.95	1	1	10.349575
Annual Permit 1_str	BOBJ1	216.535	After	Right Exterior Girder	25.275	0.95	1	1	12.53086
Annual Permit 1_str	BOBJ1	224.96	Before	Left Exterior Girder	33.7	0.95	1	1	12.738152
Annual Permit 1_str	BOBJ1	224.96	Before	Interior Girder 1	33.7	0.95	1	1	10.590023
Annual Permit 1_str	BOBJ1	224.96	Before	Interior Girder 2	33.7	0.95	1	1	10.037927
Annual Permit 1_str	BOBJ1	224.96	Before	Interior Girder 3	33.7	0.95	1	1	8.577574
Annual Permit 1_str	BOBJ1	224.96	Before	Interior Girder 4	33.7	0.95	1	1	8.577574
Annual Permit 1_str	BOBJ1	224.96	Before	Interior Girder 5	33.7	0.95	1	1	10.037927
Annual Permit 1_str	BOBJ1	224.96	Before	Interior Girder 6	33.7	0.95	1	1	10.590023
Annual Permit 1_str	BOBJ1	224.96	Before	Right Exterior Girder	33.7	0.95	1	1	12.738152
Annual Permit 1_str	BOBJ1	224.96	After	Left Exterior Girder	33.7	0.95	1	1	12.47916
Annual Permit 1_str	BOBJ1	224.96	After	Interior Girder 1	33.7	0.95	1	1	10.544061
Annual Permit 1_str	BOBJ1	224.96	After	Interior Girder 2	33.7	0.95	1	1	10.036432
Annual Permit 1_str	BOBJ1	224.96	After	Interior Girder 3	33.7	0.95	1	1	8.588957
Annual Permit 1_str	BOBJ1	224.96	After	Interior Girder 4	33.7	0.95	1	1	8.588957
Annual Permit 1_str	BOBJ1	224.96	After	Interior Girder 5	33.7	0.95	1	1	10.036432
Annual Permit 1_str	BOBJ1	224.96	After	Interior Girder 6	33.7	0.95	1	1	10.544061
Annual Permit 1_str	BOBJ1	224.96	After	Right Exterior Girder	33.7	0.95	1	1	12.47916
Annual Permit 1_str	BOBJ1	233.385	Before	Left Exterior Girder	42.125	0.95	1	1	12.275588
Annual Permit 1_str	BOBJ1	233.385	Before	Interior Girder 1	42.125	0.95	1	1	10.30441
Annual Permit 1_str	BOBJ1	233.385	Before	Interior Girder 2	42.125	0.95	1	1	10.141364
Annual Permit 1_str	BOBJ1	233.385	Before	Interior Girder 3	42.125	0.95	1	1	8.781385
Annual Permit 1_str	BOBJ1	233.385	Before	Interior Girder 4	42.125	0.95	1	1	8.781385
Annual Permit 1_str	BOBJ1	233.385	Before	Interior Girder 5	42.125	0.95	1	1	10.141364
Annual Permit 1_str	BOBJ1	233.385	Before	Interior Girder 6	42.125	0.95	1	1	10.30441
Annual Permit 1_str	BOBJ1	233.385	Before	Right Exterior Girder	42.125	0.95	1	1	12.275588
Annual Permit 1_str	BOBJ1	233.385	After	Left Exterior Girder	42.125	0.95	1	1	9.22901
Annual Permit 1_str	BOBJ1	233.385	After	Interior Girder 1	42.125	0.95	1	1	6.545193
Annual Permit 1_str	BOBJ1	233.385	After	Interior Girder 2	42.125	0.95	1	1	6.285526
Annual Permit 1_str	BOBJ1	233.385	After	Interior Girder 3	42.125	0.95	1	1	5.618527
Annual Permit 1_str	BOBJ1	233.385	After	Interior Girder 4	42.125	0.95	1	1	5.618527
Annual Permit 1_str	BOBJ1	233.385	After	Interior Girder 5	42.125	0.95	1	1	6.285526
Annual Permit 1_str	BOBJ1	233.385	After	Interior Girder 6	42.125	0.95	1	1	6.545193
Annual Permit 1_str	BOBJ1	233.385	After	Right Exterior Girder	42.125	0.95	1	1	9.22901
Annual Permit 1_str	BOBJ1	241.81	Before	Left Exterior Girder	50.55	0.95	1	1	9.07079
Annual Permit 1_str	BOBJ1	241.81	Before	Interior Girder 1	50.55	0.95	1	1	6.391929
Annual Permit 1_str	BOBJ1	241.81	Before	Interior Girder 2	50.55	0.95	1	1	6.138691
Annual Permit 1_str	BOBJ1	241.81	Before	Interior Girder 3	50.55	0.95	1	1	5.487362
Annual Permit 1_str	BOBJ1	241.81	Before	Interior Girder 4	50.55	0.95	1	1	5.487362
Annual Permit 1_str	BOBJ1	241.81	Before	Interior Girder 5	50.55	0.95	1	1	6.138691
Annual Permit 1_str	BOBJ1	241.81	Before	Interior Girder 6	50.55	0.95	1	1	6.391929
Annual Permit 1_str	BOBJ1	241.81	Before	Right Exterior Girder	50.55	0.95	1	1	9.07079
Annual Permit 1_str	BOBJ1	241.81	After	Left Exterior Girder	50.55	0.95	1	1	5.730597
Annual Permit 1_str	BOBJ1	241.81	After	Interior Girder 1	50.55	0.95	1	1	5.56685
Annual Permit 1_str	BOBJ1	241.81	After	Interior Girder 2	50.55	0.95	1	1	5.597485
Annual Permit 1_str	BOBJ1	241.81	After	Interior Girder 3	50.55	0.95	1	1	4.733733
Annual Permit 1_str	BOBJ1	241.81	After	Interior Girder 4	50.55	0.95	1	1	4.733733
Annual Permit 1_str	BOBJ1	241.81	After	Interior Girder 5	50.55	0.95	1	1	5.597485
Annual Permit 1_str	BOBJ1	241.81	After	Interior Girder 6	50.55	0.95	1	1	5.56685
Annual Permit 1_str	BOBJ1	241.81	After	Right Exterior Girder	50.55	0.95	1	1	5.730597
Annual Permit 1_str	BOBJ1	245.18	Before	Left Exterior Girder	53.92	0.95	1	1	5.689529
Annual Permit 1_str	BOBJ1	245.18	Before	Interior Girder 1	53.92	0.95	1	1	5.513073
Annual Permit 1_str	BOBJ1	245.18	Before	Interior Girder 2	53.92	0.95	1	1	5.543987
Annual Permit 1_str	BOBJ1	245.18	Before	Interior Girder 3	53.92	0.95	1	1	4.687767
Annual Permit 1_str	BOBJ1	245.18	Before	Interior Girder 4	53.92	0.95	1	1	4.687767
Annual Permit 1_str	BOBJ1	245.18	Before	Interior Girder 5	53.92	0.95	1	1	5.543987
Annual Permit 1_str	BOBJ1	245.18	Before	Interior Girder 6	53.92	0.95	1	1	5.513073
Annual Permit 1_str	BOBJ1	245.18	Before	Right Exterior Girder	53.92	0.95	1	1	5.689529

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Approach, Span 7-11									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Annual Permit 1_str	BOBJ1	245.18	After	Left Exterior Girder	53.92	0.95	1	1	5.9713
Annual Permit 1_str	BOBJ1	245.18	After	Interior Girder 1	53.92	0.95	1	1	5.139284
Annual Permit 1_str	BOBJ1	245.18	After	Interior Girder 2	53.92	0.95	1	1	5.100291
Annual Permit 1_str	BOBJ1	245.18	After	Interior Girder 3	53.92	0.95	1	1	4.283347
Annual Permit 1_str	BOBJ1	245.18	After	Interior Girder 4	53.92	0.95	1	1	4.283347
Annual Permit 1_str	BOBJ1	245.18	After	Interior Girder 5	53.92	0.95	1	1	5.100291
Annual Permit 1_str	BOBJ1	245.18	After	Interior Girder 6	53.92	0.95	1	1	5.139284
Annual Permit 1_str	BOBJ1	245.18	After	Right Exterior Girder	53.92	0.95	1	1	5.9713
Annual Permit 1_str	BOBJ1	250.245	Before	Left Exterior Girder	58.985	0.95	1	1	5.910897
Annual Permit 1_str	BOBJ1	250.245	Before	Interior Girder 1	58.985	0.95	1	1	5.066425
Annual Permit 1_str	BOBJ1	250.245	Before	Interior Girder 2	58.985	0.95	1	1	5.028699
Annual Permit 1_str	BOBJ1	250.245	Before	Interior Girder 3	58.985	0.95	1	1	4.222209
Annual Permit 1_str	BOBJ1	250.245	Before	Interior Girder 4	58.985	0.95	1	1	4.222209
Annual Permit 1_str	BOBJ1	250.245	Before	Interior Girder 5	58.985	0.95	1	1	5.028699
Annual Permit 1_str	BOBJ1	250.245	Before	Interior Girder 6	58.985	0.95	1	1	5.066425
Annual Permit 1_str	BOBJ1	250.245	Before	Right Exterior Girder	58.985	0.95	1	1	5.910897
Annual Permit 1_str	BOBJ1	250.245	After	Left Exterior Girder	58.985	0.95	1	1	4.98075
Annual Permit 1_str	BOBJ1	250.245	After	Interior Girder 1	58.985	0.95	1	1	4.547085
Annual Permit 1_str	BOBJ1	250.245	After	Interior Girder 2	58.985	0.95	1	1	4.071757
Annual Permit 1_str	BOBJ1	250.245	After	Interior Girder 3	58.985	0.95	1	1	3.340037
Annual Permit 1_str	BOBJ1	250.245	After	Interior Girder 4	58.985	0.95	1	1	3.340037
Annual Permit 1_str	BOBJ1	250.245	After	Interior Girder 5	58.985	0.95	1	1	4.071757
Annual Permit 1_str	BOBJ1	250.245	After	Interior Girder 6	58.985	0.95	1	1	4.547085
Annual Permit 1_str	BOBJ1	250.245	After	Right Exterior Girder	58.985	0.95	1	1	4.98075
Annual Permit 1_str	BOBJ1	251.68	Before	Left Exterior Girder	60.42	0.95	1	1	4.965872
Annual Permit 1_str	BOBJ1	251.68	Before	Right Exterior Girder	60.42	0.95	1	1	4.965872
Annual Permit 1_str	BOBJ1	251.68	After	Left Exterior Girder	60.42	0.95	1	1	4.740593
Annual Permit 1_str	BOBJ1	251.68	After	Right Exterior Girder	60.42	0.95	1	1	4.740593
Annual Permit 1_str	BOBJ1	254.18	Before	Interior Girder 1	62.92	0.95	1	1	4.120342
Annual Permit 1_str	BOBJ1	254.18	Before	Interior Girder 2	62.92	0.95	1	1	4.02657
Annual Permit 1_str	BOBJ1	254.18	Before	Interior Girder 3	62.92	0.95	1	1	3.302228
Annual Permit 1_str	BOBJ1	254.18	Before	Interior Girder 4	62.92	0.95	1	1	3.302228
Annual Permit 1_str	BOBJ1	254.18	Before	Interior Girder 5	62.92	0.95	1	1	4.02657
Annual Permit 1_str	BOBJ1	254.18	Before	Interior Girder 6	62.92	0.95	1	1	4.120342
Annual Permit 1_str	BOBJ1	254.18	After	Interior Girder 1	62.92	0.95	1	1	3.668147
Annual Permit 1_str	BOBJ1	254.18	After	Interior Girder 2	62.92	0.95	1	1	3.502333
Annual Permit 1_str	BOBJ1	254.18	After	Interior Girder 3	62.92	0.95	1	1	2.80034
Annual Permit 1_str	BOBJ1	254.18	After	Interior Girder 4	62.92	0.95	1	1	2.80034
Annual Permit 1_str	BOBJ1	254.18	After	Interior Girder 5	62.92	0.95	1	1	3.502333
Annual Permit 1_str	BOBJ1	254.18	After	Interior Girder 6	62.92	0.95	1	1	3.668147
Annual Permit 1_str	BOBJ1	258.68	Before	Left Exterior Girder	67.42	0.95	1	1	5.332726
Annual Permit 1_str	BOBJ1	258.68	Before	Interior Girder 1	67.42	0.95	1	1	3.619384
Annual Permit 1_str	BOBJ1	258.68	Before	Interior Girder 2	67.42	0.95	1	1	3.456227
Annual Permit 1_str	BOBJ1	258.68	Before	Interior Girder 3	67.42	0.95	1	1	2.762563
Annual Permit 1_str	BOBJ1	258.68	Before	Interior Girder 4	67.42	0.95	1	1	2.762563
Annual Permit 1_str	BOBJ1	258.68	Before	Interior Girder 5	67.42	0.95	1	1	3.456227
Annual Permit 1_str	BOBJ1	258.68	Before	Interior Girder 6	67.42	0.95	1	1	3.619384
Annual Permit 1_str	BOBJ1	258.68	Before	Right Exterior Girder	67.42	0.95	1	1	5.332726
Annual Permit 1_str	BOBJ1	258.68	After	Left Exterior Girder	0	0.95	1	1	5.52707
Annual Permit 1_str	BOBJ1	258.68	After	Interior Girder 1	0	0.95	1	1	3.542056
Annual Permit 1_str	BOBJ1	258.68	After	Interior Girder 2	0	0.95	1	1	3.363705
Annual Permit 1_str	BOBJ1	258.68	After	Interior Girder 3	0	0.95	1	1	2.694915
Annual Permit 1_str	BOBJ1	258.68	After	Interior Girder 4	0	0.95	1	1	2.694915
Annual Permit 1_str	BOBJ1	258.68	After	Interior Girder 5	0	0.95	1	1	3.363705
Annual Permit 1_str	BOBJ1	258.68	After	Interior Girder 6	0	0.95	1	1	3.542056
Annual Permit 1_str	BOBJ1	258.68	After	Right Exterior Girder	0	0.95	1	1	5.52707
Annual Permit 1_str	BOBJ1	263.18	Before	Interior Girder 1	4.5	0.95	1	1	3.590048
Annual Permit 1_str	BOBJ1	263.18	Before	Interior Girder 2	4.5	0.95	1	1	3.408843
Annual Permit 1_str	BOBJ1	263.18	Before	Interior Girder 3	4.5	0.95	1	1	2.73193
Annual Permit 1_str	BOBJ1	263.18	Before	Interior Girder 4	4.5	0.95	1	1	2.73193
Annual Permit 1_str	BOBJ1	263.18	Before	Interior Girder 5	4.5	0.95	1	1	3.408843
Annual Permit 1_str	BOBJ1	263.18	Before	Interior Girder 6	4.5	0.95	1	1	3.590048
Annual Permit 1_str	BOBJ1	263.18	After	Interior Girder 1	4.5	0.95	1	1	4.153357
Annual Permit 1_str	BOBJ1	263.18	After	Interior Girder 2	4.5	0.95	1	1	4.049564
Annual Permit 1_str	BOBJ1	263.18	After	Interior Girder 3	4.5	0.95	1	1	3.337404

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Approach, Span 7-11									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Annual Permit 1_str	BOBJ1	263.18	After	Interior Girder 4	4.5	0.95	1	1	3.337404
Annual Permit 1_str	BOBJ1	263.18	After	Interior Girder 5	4.5	0.95	1	1	4.049564
Annual Permit 1_str	BOBJ1	263.18	After	Interior Girder 6	4.5	0.95	1	1	4.153357
Annual Permit 1_str	BOBJ1	265.68	Before	Left Exterior Girder	7	0.95	1	1	4.893483
Annual Permit 1_str	BOBJ1	265.68	Before	Right Exterior Girder	7	0.95	1	1	4.893483
Annual Permit 1_str	BOBJ1	265.68	After	Left Exterior Girder	7	0.95	1	1	5.310932
Annual Permit 1_str	BOBJ1	265.68	After	Right Exterior Girder	7	0.95	1	1	5.310932
Annual Permit 1_str	BOBJ1	268.08	Before	Left Exterior Girder	9.4	0.95	1	1	5.337608
Annual Permit 1_str	BOBJ1	268.08	Before	Interior Girder 1	9.4	0.95	1	1	4.498643
Annual Permit 1_str	BOBJ1	268.08	Before	Interior Girder 2	9.4	0.95	1	1	4.10647
Annual Permit 1_str	BOBJ1	268.08	Before	Interior Girder 3	9.4	0.95	1	1	3.385156
Annual Permit 1_str	BOBJ1	268.08	Before	Interior Girder 4	9.4	0.95	1	1	3.385156
Annual Permit 1_str	BOBJ1	268.08	Before	Interior Girder 5	9.4	0.95	1	1	4.10647
Annual Permit 1_str	BOBJ1	268.08	Before	Interior Girder 6	9.4	0.95	1	1	4.498643
Annual Permit 1_str	BOBJ1	268.08	Before	Right Exterior Girder	9.4	0.95	1	1	5.337608
Annual Permit 1_str	BOBJ1	268.08	After	Left Exterior Girder	9.4	0.95	1	1	6.750262
Annual Permit 1_str	BOBJ1	268.08	After	Interior Girder 1	9.4	0.95	1	1	6.20741
Annual Permit 1_str	BOBJ1	268.08	After	Interior Girder 2	9.4	0.95	1	1	6.239931
Annual Permit 1_str	BOBJ1	268.08	After	Interior Girder 3	9.4	0.95	1	1	5.331805
Annual Permit 1_str	BOBJ1	268.08	After	Interior Girder 4	9.4	0.95	1	1	5.331805
Annual Permit 1_str	BOBJ1	268.08	After	Interior Girder 5	9.4	0.95	1	1	6.239931
Annual Permit 1_str	BOBJ1	268.08	After	Interior Girder 6	9.4	0.95	1	1	6.20741
Annual Permit 1_str	BOBJ1	268.08	After	Right Exterior Girder	9.4	0.95	1	1	6.750262
Annual Permit 1_str	BOBJ1	277.48	Before	Left Exterior Girder	18.8	0.95	1	1	6.877431
Annual Permit 1_str	BOBJ1	277.48	Before	Interior Girder 1	18.8	0.95	1	1	6.373213
Annual Permit 1_str	BOBJ1	277.48	Before	Interior Girder 2	18.8	0.95	1	1	6.40491
Annual Permit 1_str	BOBJ1	277.48	Before	Interior Girder 3	18.8	0.95	1	1	5.474694
Annual Permit 1_str	BOBJ1	277.48	Before	Interior Girder 4	18.8	0.95	1	1	5.474694
Annual Permit 1_str	BOBJ1	277.48	Before	Interior Girder 5	18.8	0.95	1	1	6.40491
Annual Permit 1_str	BOBJ1	277.48	Before	Interior Girder 6	18.8	0.95	1	1	6.373213
Annual Permit 1_str	BOBJ1	277.48	Before	Right Exterior Girder	18.8	0.95	1	1	6.877431
Annual Permit 1_str	BOBJ1	277.48	After	Left Exterior Girder	18.8	0.95	1	1	12.529789
Annual Permit 1_str	BOBJ1	277.48	After	Interior Girder 1	18.8	0.95	1	1	7.389183
Annual Permit 1_str	BOBJ1	277.48	After	Interior Girder 2	18.8	0.95	1	1	6.85103
Annual Permit 1_str	BOBJ1	277.48	After	Interior Girder 3	18.8	0.95	1	1	6.008361
Annual Permit 1_str	BOBJ1	277.48	After	Interior Girder 4	18.8	0.95	1	1	6.008361
Annual Permit 1_str	BOBJ1	277.48	After	Interior Girder 5	18.8	0.95	1	1	6.85103
Annual Permit 1_str	BOBJ1	277.48	After	Interior Girder 6	18.8	0.95	1	1	7.389183
Annual Permit 1_str	BOBJ1	277.48	After	Right Exterior Girder	18.8	0.95	1	1	12.529789
Annual Permit 1_str	BOBJ1	286.88	Before	Left Exterior Girder	28.2	0.95	1	1	12.753665
Annual Permit 1_str	BOBJ1	286.88	Before	Interior Girder 1	28.2	0.95	1	1	7.579126
Annual Permit 1_str	BOBJ1	286.88	Before	Interior Girder 2	28.2	0.95	1	1	7.026904
Annual Permit 1_str	BOBJ1	286.88	Before	Interior Girder 3	28.2	0.95	1	1	6.162416
Annual Permit 1_str	BOBJ1	286.88	Before	Interior Girder 4	28.2	0.95	1	1	6.162416
Annual Permit 1_str	BOBJ1	286.88	Before	Interior Girder 5	28.2	0.95	1	1	7.026904
Annual Permit 1_str	BOBJ1	286.88	Before	Interior Girder 6	28.2	0.95	1	1	7.579126
Annual Permit 1_str	BOBJ1	286.88	Before	Right Exterior Girder	28.2	0.95	1	1	12.753665
Annual Permit 1_str	BOBJ1	286.88	After	Left Exterior Girder	28.2	0.95	1	1	19.402465
Annual Permit 1_str	BOBJ1	286.88	After	Interior Girder 1	28.2	0.95	1	1	12.183749
Annual Permit 1_str	BOBJ1	286.88	After	Interior Girder 2	28.2	0.95	1	1	10.827713
Annual Permit 1_str	BOBJ1	286.88	After	Interior Girder 3	28.2	0.95	1	1	9.119017
Annual Permit 1_str	BOBJ1	286.88	After	Interior Girder 4	28.2	0.95	1	1	9.119017
Annual Permit 1_str	BOBJ1	286.88	After	Interior Girder 5	28.2	0.95	1	1	10.827713
Annual Permit 1_str	BOBJ1	286.88	After	Interior Girder 6	28.2	0.95	1	1	12.183749
Annual Permit 1_str	BOBJ1	286.88	After	Right Exterior Girder	28.2	0.95	1	1	19.402465
Annual Permit 1_str	BOBJ1	296.28	Before	Left Exterior Girder	37.6	0.95	1	1	19.732085
Annual Permit 1_str	BOBJ1	296.28	Before	Interior Girder 1	37.6	0.95	1	1	11.894646
Annual Permit 1_str	BOBJ1	296.28	Before	Interior Girder 2	37.6	0.95	1	1	10.569856
Annual Permit 1_str	BOBJ1	296.28	Before	Interior Girder 3	37.6	0.95	1	1	8.90166
Annual Permit 1_str	BOBJ1	296.28	Before	Interior Girder 4	37.6	0.95	1	1	8.90166
Annual Permit 1_str	BOBJ1	296.28	Before	Interior Girder 5	37.6	0.95	1	1	10.569856
Annual Permit 1_str	BOBJ1	296.28	Before	Interior Girder 6	37.6	0.95	1	1	11.894646
Annual Permit 1_str	BOBJ1	296.28	Before	Right Exterior Girder	37.6	0.95	1	1	19.732085
Annual Permit 1_str	BOBJ1	296.28	After	Left Exterior Girder	37.6	0.95	1	1	11.905993
Annual Permit 1_str	BOBJ1	296.28	After	Interior Girder 1	37.6	0.95	1	1	10.838603

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Approach, Span 7-11									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Annual Permit 1_str	BOBJ1	296.28	After	Interior Girder 2	37.6	0.95	1	1	10.771449
Annual Permit 1_str	BOBJ1	296.28	After	Interior Girder 3	37.6	0.95	1	1	10.277304
Annual Permit 1_str	BOBJ1	296.28	After	Interior Girder 4	37.6	0.95	1	1	10.277304
Annual Permit 1_str	BOBJ1	296.28	After	Interior Girder 5	37.6	0.95	1	1	10.771449
Annual Permit 1_str	BOBJ1	296.28	After	Interior Girder 6	37.6	0.95	1	1	10.838603
Annual Permit 1_str	BOBJ1	296.28	After	Right Exterior Girder	37.6	0.95	1	1	11.905993
Annual Permit 1_str	BOBJ1	305.69	Before	Left Exterior Girder	47.01	0.95	1	1	11.702224
Annual Permit 1_str	BOBJ1	305.69	Before	Interior Girder 1	47.01	0.95	1	1	10.569888
Annual Permit 1_str	BOBJ1	305.69	Before	Interior Girder 2	47.01	0.95	1	1	10.505945
Annual Permit 1_str	BOBJ1	305.69	Before	Interior Girder 3	47.01	0.95	1	1	10.023446
Annual Permit 1_str	BOBJ1	305.69	Before	Interior Girder 4	47.01	0.95	1	1	10.023446
Annual Permit 1_str	BOBJ1	305.69	Before	Interior Girder 5	47.01	0.95	1	1	10.505945
Annual Permit 1_str	BOBJ1	305.69	Before	Interior Girder 6	47.01	0.95	1	1	10.569888
Annual Permit 1_str	BOBJ1	305.69	Before	Right Exterior Girder	47.01	0.95	1	1	11.702224
Annual Permit 1_str	BOBJ1	305.69	After	Left Exterior Girder	47.01	0.95	1	1	8.789154
Annual Permit 1_str	BOBJ1	305.69	After	Interior Girder 1	47.01	0.95	1	1	6.339088
Annual Permit 1_str	BOBJ1	305.69	After	Interior Girder 2	47.01	0.95	1	1	6.156697
Annual Permit 1_str	BOBJ1	305.69	After	Interior Girder 3	47.01	0.95	1	1	5.492616
Annual Permit 1_str	BOBJ1	305.69	After	Interior Girder 4	47.01	0.95	1	1	5.492616
Annual Permit 1_str	BOBJ1	305.69	After	Interior Girder 5	47.01	0.95	1	1	6.156697
Annual Permit 1_str	BOBJ1	305.69	After	Interior Girder 6	47.01	0.95	1	1	6.339088
Annual Permit 1_str	BOBJ1	305.69	After	Right Exterior Girder	47.01	0.95	1	1	8.789154
Annual Permit 1_str	BOBJ1	315.1	Before	Left Exterior Girder	56.42	0.95	1	1	8.630777
Annual Permit 1_str	BOBJ1	315.1	Before	Interior Girder 1	56.42	0.95	1	1	6.176832
Annual Permit 1_str	BOBJ1	315.1	Before	Interior Girder 2	56.42	0.95	1	1	5.999677
Annual Permit 1_str	BOBJ1	315.1	Before	Interior Girder 3	56.42	0.95	1	1	5.352056
Annual Permit 1_str	BOBJ1	315.1	Before	Interior Girder 4	56.42	0.95	1	1	5.352056
Annual Permit 1_str	BOBJ1	315.1	Before	Interior Girder 5	56.42	0.95	1	1	5.999677
Annual Permit 1_str	BOBJ1	315.1	Before	Interior Girder 6	56.42	0.95	1	1	6.176832
Annual Permit 1_str	BOBJ1	315.1	Before	Right Exterior Girder	56.42	0.95	1	1	8.630777
Annual Permit 2_str	BOBJ1	0	After	Left Exterior Girder	0	0.95	1	1	7.68989
Annual Permit 2_str	BOBJ1	0	After	Interior Girder 1	0	0.95	1	1	5.5228
Annual Permit 2_str	BOBJ1	0	After	Interior Girder 2	0	0.95	1	1	5.382455
Annual Permit 2_str	BOBJ1	0	After	Interior Girder 3	0	0.95	1	1	4.770934
Annual Permit 2_str	BOBJ1	0	After	Interior Girder 4	0	0.95	1	1	4.770934
Annual Permit 2_str	BOBJ1	0	After	Interior Girder 5	0	0.95	1	1	5.382455
Annual Permit 2_str	BOBJ1	0	After	Interior Girder 6	0	0.95	1	1	5.5228
Annual Permit 2_str	BOBJ1	0	After	Right Exterior Girder	0	0.95	1	1	7.68989
Annual Permit 2_str	BOBJ1	9.4	Before	Left Exterior Girder	9.4	0.95	1	1	7.830672
Annual Permit 2_str	BOBJ1	9.4	Before	Interior Girder 1	9.4	0.95	1	1	5.667744
Annual Permit 2_str	BOBJ1	9.4	Before	Interior Girder 2	9.4	0.95	1	1	5.52315
Annual Permit 2_str	BOBJ1	9.4	Before	Interior Girder 3	9.4	0.95	1	1	4.896043
Annual Permit 2_str	BOBJ1	9.4	Before	Interior Girder 4	9.4	0.95	1	1	4.896043
Annual Permit 2_str	BOBJ1	9.4	Before	Interior Girder 5	9.4	0.95	1	1	5.52315
Annual Permit 2_str	BOBJ1	9.4	Before	Interior Girder 6	9.4	0.95	1	1	5.667744
Annual Permit 2_str	BOBJ1	9.4	Before	Right Exterior Girder	9.4	0.95	1	1	7.830672
Annual Permit 2_str	BOBJ1	9.4	After	Left Exterior Girder	9.4	0.95	1	1	10.363274
Annual Permit 2_str	BOBJ1	9.4	After	Interior Girder 1	9.4	0.95	1	1	9.717621
Annual Permit 2_str	BOBJ1	9.4	After	Interior Girder 2	9.4	0.95	1	1	9.741481
Annual Permit 2_str	BOBJ1	9.4	After	Interior Girder 3	9.4	0.95	1	1	9.005164
Annual Permit 2_str	BOBJ1	9.4	After	Interior Girder 4	9.4	0.95	1	1	9.005164
Annual Permit 2_str	BOBJ1	9.4	After	Interior Girder 5	9.4	0.95	1	1	9.741481
Annual Permit 2_str	BOBJ1	9.4	After	Interior Girder 6	9.4	0.95	1	1	9.717621
Annual Permit 2_str	BOBJ1	9.4	After	Right Exterior Girder	9.4	0.95	1	1	10.363274
Annual Permit 2_str	BOBJ1	18.8	Before	Left Exterior Girder	18.8	0.95	1	1	10.543339
Annual Permit 2_str	BOBJ1	18.8	Before	Interior Girder 1	18.8	0.95	1	1	9.964427
Annual Permit 2_str	BOBJ1	18.8	Before	Interior Girder 2	18.8	0.95	1	1	9.987372
Annual Permit 2_str	BOBJ1	18.8	Before	Interior Girder 3	18.8	0.95	1	1	9.232909
Annual Permit 2_str	BOBJ1	18.8	Before	Interior Girder 4	18.8	0.95	1	1	9.232909
Annual Permit 2_str	BOBJ1	18.8	Before	Interior Girder 5	18.8	0.95	1	1	9.987372
Annual Permit 2_str	BOBJ1	18.8	Before	Interior Girder 6	18.8	0.95	1	1	9.964427
Annual Permit 2_str	BOBJ1	18.8	Before	Right Exterior Girder	18.8	0.95	1	1	10.543339
Annual Permit 2_str	BOBJ1	18.8	After	Left Exterior Girder	18.8	0.95	1	1	23.666538
Annual Permit 2_str	BOBJ1	18.8	After	Interior Girder 1	18.8	0.95	1	1	11.502219
Annual Permit 2_str	BOBJ1	18.8	After	Interior Girder 2	18.8	0.95	1	1	10.176269

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Approach, Span 7-11									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Annual Permit 2_str	BOBJ1	18.8	After	Interior Girder 3	18.8	0.95	1	1	8.642383
Annual Permit 2_str	BOBJ1	18.8	After	Interior Girder 4	18.8	0.95	1	1	8.642383
Annual Permit 2_str	BOBJ1	18.8	After	Interior Girder 5	18.8	0.95	1	1	10.176269
Annual Permit 2_str	BOBJ1	18.8	After	Interior Girder 6	18.8	0.95	1	1	11.502219
Annual Permit 2_str	BOBJ1	18.8	After	Right Exterior Girder	18.8	0.95	1	1	23.666538
Annual Permit 2_str	BOBJ1	28.2	Before	Left Exterior Girder	28.2	0.95	1	1	23.270971
Annual Permit 2_str	BOBJ1	28.2	Before	Interior Girder 1	28.2	0.95	1	1	11.781664
Annual Permit 2_str	BOBJ1	28.2	Before	Interior Girder 2	28.2	0.95	1	1	10.424469
Annual Permit 2_str	BOBJ1	28.2	Before	Interior Girder 3	28.2	0.95	1	1	8.853384
Annual Permit 2_str	BOBJ1	28.2	Before	Interior Girder 4	28.2	0.95	1	1	8.853384
Annual Permit 2_str	BOBJ1	28.2	Before	Interior Girder 5	28.2	0.95	1	1	10.424469
Annual Permit 2_str	BOBJ1	28.2	Before	Interior Girder 6	28.2	0.95	1	1	11.781664
Annual Permit 2_str	BOBJ1	28.2	Before	Right Exterior Girder	28.2	0.95	1	1	23.270971
Annual Permit 2_str	BOBJ1	28.2	After	Left Exterior Girder	28.2	0.95	1	1	14.37936
Annual Permit 2_str	BOBJ1	28.2	After	Interior Girder 1	28.2	0.95	1	1	8.1829
Annual Permit 2_str	BOBJ1	28.2	After	Interior Girder 2	28.2	0.95	1	1	7.518737
Annual Permit 2_str	BOBJ1	28.2	After	Interior Girder 3	28.2	0.95	1	1	6.539475
Annual Permit 2_str	BOBJ1	28.2	After	Interior Girder 4	28.2	0.95	1	1	6.539475
Annual Permit 2_str	BOBJ1	28.2	After	Interior Girder 5	28.2	0.95	1	1	7.518737
Annual Permit 2_str	BOBJ1	28.2	After	Interior Girder 6	28.2	0.95	1	1	8.1829
Annual Permit 2_str	BOBJ1	28.2	After	Right Exterior Girder	28.2	0.95	1	1	14.37936
Annual Permit 2_str	BOBJ1	37.6	Before	Left Exterior Girder	37.6	0.95	1	1	14.126798
Annual Permit 2_str	BOBJ1	37.6	Before	Interior Girder 1	37.6	0.95	1	1	7.977733
Annual Permit 2_str	BOBJ1	37.6	Before	Interior Girder 2	37.6	0.95	1	1	7.330508
Annual Permit 2_str	BOBJ1	37.6	Before	Interior Girder 3	37.6	0.95	1	1	6.375975
Annual Permit 2_str	BOBJ1	37.6	Before	Interior Girder 4	37.6	0.95	1	1	6.375975
Annual Permit 2_str	BOBJ1	37.6	Before	Interior Girder 5	37.6	0.95	1	1	7.330508
Annual Permit 2_str	BOBJ1	37.6	Before	Interior Girder 6	37.6	0.95	1	1	7.977733
Annual Permit 2_str	BOBJ1	37.6	Before	Right Exterior Girder	37.6	0.95	1	1	14.126798
Annual Permit 2_str	BOBJ1	37.6	After	Left Exterior Girder	37.6	0.95	1	1	7.091357
Annual Permit 2_str	BOBJ1	37.6	After	Interior Girder 1	37.6	0.95	1	1	6.743195
Annual Permit 2_str	BOBJ1	37.6	After	Interior Girder 2	37.6	0.95	1	1	6.776622
Annual Permit 2_str	BOBJ1	37.6	After	Interior Girder 3	37.6	0.95	1	1	5.843288
Annual Permit 2_str	BOBJ1	37.6	After	Interior Girder 4	37.6	0.95	1	1	5.843288
Annual Permit 2_str	BOBJ1	37.6	After	Interior Girder 5	37.6	0.95	1	1	6.776622
Annual Permit 2_str	BOBJ1	37.6	After	Interior Girder 6	37.6	0.95	1	1	6.743195
Annual Permit 2_str	BOBJ1	37.6	After	Right Exterior Girder	37.6	0.95	1	1	7.091357
Annual Permit 2_str	BOBJ1	47.01	Before	Left Exterior Girder	47.01	0.95	1	1	6.960037
Annual Permit 2_str	BOBJ1	47.01	Before	Interior Girder 1	47.01	0.95	1	1	6.567471
Annual Permit 2_str	BOBJ1	47.01	Before	Interior Girder 2	47.01	0.95	1	1	6.601818
Annual Permit 2_str	BOBJ1	47.01	Before	Interior Girder 3	47.01	0.95	1	1	5.690604
Annual Permit 2_str	BOBJ1	47.01	Before	Interior Girder 4	47.01	0.95	1	1	5.690604
Annual Permit 2_str	BOBJ1	47.01	Before	Interior Girder 5	47.01	0.95	1	1	6.601818
Annual Permit 2_str	BOBJ1	47.01	Before	Interior Girder 6	47.01	0.95	1	1	6.567471
Annual Permit 2_str	BOBJ1	47.01	Before	Right Exterior Girder	47.01	0.95	1	1	6.960037
Annual Permit 2_str	BOBJ1	47.01	After	Left Exterior Girder	47.01	0.95	1	1	5.181028
Annual Permit 2_str	BOBJ1	47.01	After	Interior Girder 1	47.01	0.95	1	1	4.5172
Annual Permit 2_str	BOBJ1	47.01	After	Interior Girder 2	47.01	0.95	1	1	4.160502
Annual Permit 2_str	BOBJ1	47.01	After	Interior Girder 3	47.01	0.95	1	1	3.402711
Annual Permit 2_str	BOBJ1	47.01	After	Interior Girder 4	47.01	0.95	1	1	3.402711
Annual Permit 2_str	BOBJ1	47.01	After	Interior Girder 5	47.01	0.95	1	1	4.160502
Annual Permit 2_str	BOBJ1	47.01	After	Interior Girder 6	47.01	0.95	1	1	4.5172
Annual Permit 2_str	BOBJ1	47.01	After	Right Exterior Girder	47.01	0.95	1	1	5.181028
Annual Permit 2_str	BOBJ1	49.42	Before	Left Exterior Girder	49.42	0.95	1	1	5.155016
Annual Permit 2_str	BOBJ1	49.42	Before	Right Exterior Girder	49.42	0.95	1	1	5.155016
Annual Permit 2_str	BOBJ1	49.42	After	Left Exterior Girder	49.42	0.95	1	1	4.486491
Annual Permit 2_str	BOBJ1	49.42	After	Right Exterior Girder	49.42	0.95	1	1	4.486491
Annual Permit 2_str	BOBJ1	51.92	Before	Interior Girder 1	51.92	0.95	1	1	4.144911
Annual Permit 2_str	BOBJ1	51.92	Before	Interior Girder 2	51.92	0.95	1	1	4.102706
Annual Permit 2_str	BOBJ1	51.92	Before	Interior Girder 3	51.92	0.95	1	1	3.354607
Annual Permit 2_str	BOBJ1	51.92	Before	Interior Girder 4	51.92	0.95	1	1	3.354607
Annual Permit 2_str	BOBJ1	51.92	Before	Interior Girder 5	51.92	0.95	1	1	4.102706
Annual Permit 2_str	BOBJ1	51.92	Before	Interior Girder 6	51.92	0.95	1	1	4.144911
Annual Permit 2_str	BOBJ1	51.92	After	Interior Girder 1	51.92	0.95	1	1	3.332294
Annual Permit 2_str	BOBJ1	51.92	After	Interior Girder 2	51.92	0.95	1	1	3.229876

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Approach, Span 7-11									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Annual Permit 2_str	BOBJ1	51.92	After	Interior Girder 3	51.92	0.95	1	1	2.622033
Annual Permit 2_str	BOBJ1	51.92	After	Interior Girder 4	51.92	0.95	1	1	2.622033
Annual Permit 2_str	BOBJ1	51.92	After	Interior Girder 5	51.92	0.95	1	1	3.229876
Annual Permit 2_str	BOBJ1	51.92	After	Interior Girder 6	51.92	0.95	1	1	3.332294
Annual Permit 2_str	BOBJ1	56.42	Before	Left Exterior Girder	56.42	0.95	1	1	5.320948
Annual Permit 2_str	BOBJ1	56.42	Before	Interior Girder 1	56.42	0.95	1	1	3.287717
Annual Permit 2_str	BOBJ1	56.42	Before	Interior Girder 2	56.42	0.95	1	1	3.187088
Annual Permit 2_str	BOBJ1	56.42	Before	Interior Girder 3	56.42	0.95	1	1	2.586502
Annual Permit 2_str	BOBJ1	56.42	Before	Interior Girder 4	56.42	0.95	1	1	2.586502
Annual Permit 2_str	BOBJ1	56.42	Before	Interior Girder 5	56.42	0.95	1	1	3.187088
Annual Permit 2_str	BOBJ1	56.42	Before	Interior Girder 6	56.42	0.95	1	1	3.287717
Annual Permit 2_str	BOBJ1	56.42	Before	Right Exterior Girder	56.42	0.95	1	1	5.320948
Annual Permit 2_str	BOBJ1	56.42	After	Left Exterior Girder	0	0.95	1	1	4.753741
Annual Permit 2_str	BOBJ1	56.42	After	Interior Girder 1	0	0.95	1	1	3.255936
Annual Permit 2_str	BOBJ1	56.42	After	Interior Girder 2	0	0.95	1	1	3.207974
Annual Permit 2_str	BOBJ1	56.42	After	Interior Girder 3	0	0.95	1	1	2.612782
Annual Permit 2_str	BOBJ1	56.42	After	Interior Girder 4	0	0.95	1	1	2.612782
Annual Permit 2_str	BOBJ1	56.42	After	Interior Girder 5	0	0.95	1	1	3.207974
Annual Permit 2_str	BOBJ1	56.42	After	Interior Girder 6	0	0.95	1	1	3.255936
Annual Permit 2_str	BOBJ1	56.42	After	Right Exterior Girder	0	0.95	1	1	4.753741
Annual Permit 2_str	BOBJ1	60.92	Before	Interior Girder 1	4.5	0.95	1	1	3.299802
Annual Permit 2_str	BOBJ1	60.92	Before	Interior Girder 2	4.5	0.95	1	1	3.250764
Annual Permit 2_str	BOBJ1	60.92	Before	Interior Girder 3	4.5	0.95	1	1	2.648515
Annual Permit 2_str	BOBJ1	60.92	Before	Interior Girder 4	4.5	0.95	1	1	2.648515
Annual Permit 2_str	BOBJ1	60.92	Before	Interior Girder 5	4.5	0.95	1	1	3.250764
Annual Permit 2_str	BOBJ1	60.92	Before	Interior Girder 6	4.5	0.95	1	1	3.299802
Annual Permit 2_str	BOBJ1	60.92	After	Interior Girder 1	4.5	0.95	1	1	3.860565
Annual Permit 2_str	BOBJ1	60.92	After	Interior Girder 2	4.5	0.95	1	1	3.895487
Annual Permit 2_str	BOBJ1	60.92	After	Interior Girder 3	4.5	0.95	1	1	3.262537
Annual Permit 2_str	BOBJ1	60.92	After	Interior Girder 4	4.5	0.95	1	1	3.262537
Annual Permit 2_str	BOBJ1	60.92	After	Interior Girder 5	4.5	0.95	1	1	3.895487
Annual Permit 2_str	BOBJ1	60.92	After	Interior Girder 6	4.5	0.95	1	1	3.860565
Annual Permit 2_str	BOBJ1	63.42	Before	Left Exterior Girder	7	0.95	1	1	3.937925
Annual Permit 2_str	BOBJ1	63.42	Before	Right Exterior Girder	7	0.95	1	1	3.937925
Annual Permit 2_str	BOBJ1	63.42	After	Left Exterior Girder	7	0.95	1	1	4.308903
Annual Permit 2_str	BOBJ1	63.42	After	Right Exterior Girder	7	0.95	1	1	4.308903
Annual Permit 2_str	BOBJ1	64.845	Before	Left Exterior Girder	8.425	0.95	1	1	4.32173
Annual Permit 2_str	BOBJ1	64.845	Before	Interior Girder 1	8.425	0.95	1	1	4.382919
Annual Permit 2_str	BOBJ1	64.845	Before	Interior Girder 2	8.425	0.95	1	1	3.939088
Annual Permit 2_str	BOBJ1	64.845	Before	Interior Girder 3	8.425	0.95	1	1	3.299801
Annual Permit 2_str	BOBJ1	64.845	Before	Interior Girder 4	8.425	0.95	1	1	3.299801
Annual Permit 2_str	BOBJ1	64.845	Before	Interior Girder 5	8.425	0.95	1	1	3.939088
Annual Permit 2_str	BOBJ1	64.845	Before	Interior Girder 6	8.425	0.95	1	1	4.382919
Annual Permit 2_str	BOBJ1	64.845	Before	Right Exterior Girder	8.425	0.95	1	1	4.32173
Annual Permit 2_str	BOBJ1	64.845	After	Left Exterior Girder	8.425	0.95	1	1	5.446645
Annual Permit 2_str	BOBJ1	64.845	After	Interior Girder 1	8.425	0.95	1	1	4.960799
Annual Permit 2_str	BOBJ1	64.845	After	Interior Girder 2	8.425	0.95	1	1	5.067638
Annual Permit 2_str	BOBJ1	64.845	After	Interior Girder 3	8.425	0.95	1	1	4.367144
Annual Permit 2_str	BOBJ1	64.845	After	Interior Girder 4	8.425	0.95	1	1	4.367144
Annual Permit 2_str	BOBJ1	64.845	After	Interior Girder 5	8.425	0.95	1	1	5.067638
Annual Permit 2_str	BOBJ1	64.845	After	Interior Girder 6	8.425	0.95	1	1	4.960799
Annual Permit 2_str	BOBJ1	64.845	After	Right Exterior Girder	8.425	0.95	1	1	5.446645
Annual Permit 2_str	BOBJ1	69.92	Before	Left Exterior Girder	13.5	0.95	1	1	5.502438
Annual Permit 2_str	BOBJ1	69.92	Before	Interior Girder 1	13.5	0.95	1	1	5.032282
Annual Permit 2_str	BOBJ1	69.92	Before	Interior Girder 2	13.5	0.95	1	1	5.139925
Annual Permit 2_str	BOBJ1	69.92	Before	Interior Girder 3	13.5	0.95	1	1	4.430515
Annual Permit 2_str	BOBJ1	69.92	Before	Interior Girder 4	13.5	0.95	1	1	4.430515
Annual Permit 2_str	BOBJ1	69.92	Before	Interior Girder 5	13.5	0.95	1	1	5.139925
Annual Permit 2_str	BOBJ1	69.92	Before	Interior Girder 6	13.5	0.95	1	1	5.032282
Annual Permit 2_str	BOBJ1	69.92	Before	Right Exterior Girder	13.5	0.95	1	1	5.502438
Annual Permit 2_str	BOBJ1	69.92	After	Left Exterior Girder	13.5	0.95	1	1	5.323873
Annual Permit 2_str	BOBJ1	69.92	After	Interior Girder 1	13.5	0.95	1	1	5.523707
Annual Permit 2_str	BOBJ1	69.92	After	Interior Girder 2	13.5	0.95	1	1	5.703093
Annual Permit 2_str	BOBJ1	69.92	After	Interior Girder 3	13.5	0.95	1	1	4.993504
Annual Permit 2_str	BOBJ1	69.92	After	Interior Girder 4	13.5	0.95	1	1	4.993504

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Approach, Span 7-11									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Annual Permit 2_str	BOBJ1	69.92	After	Interior Girder 5	13.5	0.95	1	1	5.703093
Annual Permit 2_str	BOBJ1	69.92	After	Interior Girder 6	13.5	0.95	1	1	5.523707
Annual Permit 2_str	BOBJ1	69.92	After	Right Exterior Girder	13.5	0.95	1	1	5.323873
Annual Permit 2_str	BOBJ1	73.27	Before	Left Exterior Girder	16.85	0.95	1	1	5.362092
Annual Permit 2_str	BOBJ1	73.27	Before	Interior Girder 1	16.85	0.95	1	1	5.577267
Annual Permit 2_str	BOBJ1	73.27	Before	Interior Girder 2	16.85	0.95	1	1	5.757796
Annual Permit 2_str	BOBJ1	73.27	Before	Interior Girder 3	16.85	0.95	1	1	5.042182
Annual Permit 2_str	BOBJ1	73.27	Before	Interior Girder 4	16.85	0.95	1	1	5.042182
Annual Permit 2_str	BOBJ1	73.27	Before	Interior Girder 5	16.85	0.95	1	1	5.757796
Annual Permit 2_str	BOBJ1	73.27	Before	Interior Girder 6	16.85	0.95	1	1	5.577267
Annual Permit 2_str	BOBJ1	73.27	Before	Right Exterior Girder	16.85	0.95	1	1	5.362092
Annual Permit 2_str	BOBJ1	73.27	After	Left Exterior Girder	16.85	0.95	1	1	9.345181
Annual Permit 2_str	BOBJ1	73.27	After	Interior Girder 1	16.85	0.95	1	1	6.557879
Annual Permit 2_str	BOBJ1	73.27	After	Interior Girder 2	16.85	0.95	1	1	6.285068
Annual Permit 2_str	BOBJ1	73.27	After	Interior Girder 3	16.85	0.95	1	1	5.568551
Annual Permit 2_str	BOBJ1	73.27	After	Interior Girder 4	16.85	0.95	1	1	5.568551
Annual Permit 2_str	BOBJ1	73.27	After	Interior Girder 5	16.85	0.95	1	1	6.285068
Annual Permit 2_str	BOBJ1	73.27	After	Interior Girder 6	16.85	0.95	1	1	6.557879
Annual Permit 2_str	BOBJ1	73.27	After	Right Exterior Girder	16.85	0.95	1	1	9.345181
Annual Permit 2_str	BOBJ1	81.695	Before	Left Exterior Girder	25.275	0.95	1	1	9.508252
Annual Permit 2_str	BOBJ1	81.695	Before	Interior Girder 1	25.275	0.95	1	1	6.715151
Annual Permit 2_str	BOBJ1	81.695	Before	Interior Girder 2	25.275	0.95	1	1	6.435421
Annual Permit 2_str	BOBJ1	81.695	Before	Interior Girder 3	25.275	0.95	1	1	5.701671
Annual Permit 2_str	BOBJ1	81.695	Before	Interior Girder 4	25.275	0.95	1	1	5.701671
Annual Permit 2_str	BOBJ1	81.695	Before	Interior Girder 5	25.275	0.95	1	1	6.435421
Annual Permit 2_str	BOBJ1	81.695	Before	Interior Girder 6	25.275	0.95	1	1	6.715151
Annual Permit 2_str	BOBJ1	81.695	Before	Right Exterior Girder	25.275	0.95	1	1	9.508252
Annual Permit 2_str	BOBJ1	81.695	After	Left Exterior Girder	25.275	0.95	1	1	12.484756
Annual Permit 2_str	BOBJ1	81.695	After	Interior Girder 1	25.275	0.95	1	1	10.884402
Annual Permit 2_str	BOBJ1	81.695	After	Interior Girder 2	25.275	0.95	1	1	10.779532
Annual Permit 2_str	BOBJ1	81.695	After	Interior Girder 3	25.275	0.95	1	1	9.226406
Annual Permit 2_str	BOBJ1	81.695	After	Interior Girder 4	25.275	0.95	1	1	9.226406
Annual Permit 2_str	BOBJ1	81.695	After	Interior Girder 5	25.275	0.95	1	1	10.779532
Annual Permit 2_str	BOBJ1	81.695	After	Interior Girder 6	25.275	0.95	1	1	10.884402
Annual Permit 2_str	BOBJ1	81.695	After	Right Exterior Girder	25.275	0.95	1	1	12.484756
Annual Permit 2_str	BOBJ1	90.12	Before	Left Exterior Girder	33.7	0.95	1	1	12.691873
Annual Permit 2_str	BOBJ1	90.12	Before	Interior Girder 1	33.7	0.95	1	1	11.137589
Annual Permit 2_str	BOBJ1	90.12	Before	Interior Girder 2	33.7	0.95	1	1	10.695232
Annual Permit 2_str	BOBJ1	90.12	Before	Interior Girder 3	33.7	0.95	1	1	9.024247
Annual Permit 2_str	BOBJ1	90.12	Before	Interior Girder 4	33.7	0.95	1	1	9.024247
Annual Permit 2_str	BOBJ1	90.12	Before	Interior Girder 5	33.7	0.95	1	1	10.695232
Annual Permit 2_str	BOBJ1	90.12	Before	Interior Girder 6	33.7	0.95	1	1	11.137589
Annual Permit 2_str	BOBJ1	90.12	Before	Right Exterior Girder	33.7	0.95	1	1	12.691873
Annual Permit 2_str	BOBJ1	90.12	After	Left Exterior Girder	33.7	0.95	1	1	13.386869
Annual Permit 2_str	BOBJ1	90.12	After	Interior Girder 1	33.7	0.95	1	1	11.461661
Annual Permit 2_str	BOBJ1	90.12	After	Interior Girder 2	33.7	0.95	1	1	10.647162
Annual Permit 2_str	BOBJ1	90.12	After	Interior Girder 3	33.7	0.95	1	1	8.982156
Annual Permit 2_str	BOBJ1	90.12	After	Interior Girder 4	33.7	0.95	1	1	8.982156
Annual Permit 2_str	BOBJ1	90.12	After	Interior Girder 5	33.7	0.95	1	1	10.647162
Annual Permit 2_str	BOBJ1	90.12	After	Interior Girder 6	33.7	0.95	1	1	11.461661
Annual Permit 2_str	BOBJ1	90.12	After	Right Exterior Girder	33.7	0.95	1	1	13.386869
Annual Permit 2_str	BOBJ1	98.545	Before	Left Exterior Girder	42.125	0.95	1	1	13.169088
Annual Permit 2_str	BOBJ1	98.545	Before	Interior Girder 1	42.125	0.95	1	1	11.201471
Annual Permit 2_str	BOBJ1	98.545	Before	Interior Girder 2	42.125	0.95	1	1	10.885715
Annual Permit 2_str	BOBJ1	98.545	Before	Interior Girder 3	42.125	0.95	1	1	9.183506
Annual Permit 2_str	BOBJ1	98.545	Before	Interior Girder 4	42.125	0.95	1	1	9.183506
Annual Permit 2_str	BOBJ1	98.545	Before	Interior Girder 5	42.125	0.95	1	1	10.885715
Annual Permit 2_str	BOBJ1	98.545	Before	Interior Girder 6	42.125	0.95	1	1	11.201471
Annual Permit 2_str	BOBJ1	98.545	Before	Right Exterior Girder	42.125	0.95	1	1	13.169088
Annual Permit 2_str	BOBJ1	98.545	After	Left Exterior Girder	42.125	0.95	1	1	9.974544
Annual Permit 2_str	BOBJ1	98.545	After	Interior Girder 1	42.125	0.95	1	1	6.842969
Annual Permit 2_str	BOBJ1	98.545	After	Interior Girder 2	42.125	0.95	1	1	6.503341
Annual Permit 2_str	BOBJ1	98.545	After	Interior Girder 3	42.125	0.95	1	1	5.748647
Annual Permit 2_str	BOBJ1	98.545	After	Interior Girder 4	42.125	0.95	1	1	5.748647
Annual Permit 2_str	BOBJ1	98.545	After	Interior Girder 5	42.125	0.95	1	1	6.503341

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Approach, Span 7-11									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Annual Permit 2_str	BOBJ1	98.545	After	Interior Girder 6	42.125	0.95	1	1	6.842969
Annual Permit 2_str	BOBJ1	98.545	After	Right Exterior Girder	42.125	0.95	1	1	9.974544
Annual Permit 2_str	BOBJ1	106.97	Before	Left Exterior Girder	50.55	0.95	1	1	9.804047
Annual Permit 2_str	BOBJ1	106.97	Before	Interior Girder 1	50.55	0.95	1	1	6.682919
Annual Permit 2_str	BOBJ1	106.97	Before	Interior Girder 2	50.55	0.95	1	1	6.351512
Annual Permit 2_str	BOBJ1	106.97	Before	Interior Girder 3	50.55	0.95	1	1	5.614529
Annual Permit 2_str	BOBJ1	106.97	Before	Interior Girder 4	50.55	0.95	1	1	5.614529
Annual Permit 2_str	BOBJ1	106.97	Before	Interior Girder 5	50.55	0.95	1	1	6.351512
Annual Permit 2_str	BOBJ1	106.97	Before	Interior Girder 6	50.55	0.95	1	1	6.682919
Annual Permit 2_str	BOBJ1	106.97	Before	Right Exterior Girder	50.55	0.95	1	1	9.804047
Annual Permit 2_str	BOBJ1	106.97	After	Left Exterior Girder	50.55	0.95	1	1	5.386641
Annual Permit 2_str	BOBJ1	106.97	After	Interior Girder 1	50.55	0.95	1	1	5.598057
Annual Permit 2_str	BOBJ1	106.97	After	Interior Girder 2	50.55	0.95	1	1	5.864123
Annual Permit 2_str	BOBJ1	106.97	After	Interior Girder 3	50.55	0.95	1	1	5.113654
Annual Permit 2_str	BOBJ1	106.97	After	Interior Girder 4	50.55	0.95	1	1	5.113654
Annual Permit 2_str	BOBJ1	106.97	After	Interior Girder 5	50.55	0.95	1	1	5.864123
Annual Permit 2_str	BOBJ1	106.97	After	Interior Girder 6	50.55	0.95	1	1	5.598057
Annual Permit 2_str	BOBJ1	106.97	After	Right Exterior Girder	50.55	0.95	1	1	5.386641
Annual Permit 2_str	BOBJ1	115.405	Before	Left Exterior Girder	58.985	0.95	1	1	5.289453
Annual Permit 2_str	BOBJ1	115.405	Before	Interior Girder 1	58.985	0.95	1	1	5.462318
Annual Permit 2_str	BOBJ1	115.405	Before	Interior Girder 2	58.985	0.95	1	1	5.72355
Annual Permit 2_str	BOBJ1	115.405	Before	Interior Girder 3	58.985	0.95	1	1	4.989125
Annual Permit 2_str	BOBJ1	115.405	Before	Interior Girder 4	58.985	0.95	1	1	4.989125
Annual Permit 2_str	BOBJ1	115.405	Before	Interior Girder 5	58.985	0.95	1	1	5.72355
Annual Permit 2_str	BOBJ1	115.405	Before	Interior Girder 6	58.985	0.95	1	1	5.462318
Annual Permit 2_str	BOBJ1	115.405	Before	Right Exterior Girder	58.985	0.95	1	1	5.289453
Annual Permit 2_str	BOBJ1	115.405	After	Left Exterior Girder	58.985	0.95	1	1	3.201133
Annual Permit 2_str	BOBJ1	115.405	After	Interior Girder 1	58.985	0.95	1	1	4.914647
Annual Permit 2_str	BOBJ1	115.405	After	Interior Girder 2	58.985	0.95	1	1	3.805019
Annual Permit 2_str	BOBJ1	115.405	After	Interior Girder 3	58.985	0.95	1	1	3.16752
Annual Permit 2_str	BOBJ1	115.405	After	Interior Girder 4	58.985	0.95	1	1	3.16752
Annual Permit 2_str	BOBJ1	115.405	After	Interior Girder 5	58.985	0.95	1	1	3.805019
Annual Permit 2_str	BOBJ1	115.405	After	Interior Girder 6	58.985	0.95	1	1	4.914647
Annual Permit 2_str	BOBJ1	115.405	After	Right Exterior Girder	58.985	0.95	1	1	3.201133
Annual Permit 2_str	BOBJ1	116.34	Before	Left Exterior Girder	59.92	0.95	1	1	3.194115
Annual Permit 2_str	BOBJ1	116.34	Before	Right Exterior Girder	59.92	0.95	1	1	3.194115
Annual Permit 2_str	BOBJ1	116.34	After	Left Exterior Girder	59.92	0.95	1	1	2.959188
Annual Permit 2_str	BOBJ1	116.34	After	Right Exterior Girder	59.92	0.95	1	1	2.959188
Annual Permit 2_str	BOBJ1	118.84	Before	Interior Girder 1	62.42	0.95	1	1	3.718923
Annual Permit 2_str	BOBJ1	118.84	Before	Interior Girder 2	62.42	0.95	1	1	3.766796
Annual Permit 2_str	BOBJ1	118.84	Before	Interior Girder 3	62.42	0.95	1	1	3.135047
Annual Permit 2_str	BOBJ1	118.84	Before	Interior Girder 4	62.42	0.95	1	1	3.135047
Annual Permit 2_str	BOBJ1	118.84	Before	Interior Girder 5	62.42	0.95	1	1	3.766796
Annual Permit 2_str	BOBJ1	118.84	Before	Interior Girder 6	62.42	0.95	1	1	3.718923
Annual Permit 2_str	BOBJ1	118.84	After	Interior Girder 1	62.42	0.95	1	1	3.213859
Annual Permit 2_str	BOBJ1	118.84	After	Interior Girder 2	62.42	0.95	1	1	3.182012
Annual Permit 2_str	BOBJ1	118.84	After	Interior Girder 3	62.42	0.95	1	1	2.591821
Annual Permit 2_str	BOBJ1	118.84	After	Interior Girder 4	62.42	0.95	1	1	2.591821
Annual Permit 2_str	BOBJ1	118.84	After	Interior Girder 5	62.42	0.95	1	1	3.182012
Annual Permit 2_str	BOBJ1	118.84	After	Interior Girder 6	62.42	0.95	1	1	3.213859
Annual Permit 2_str	BOBJ1	123.84	Before	Left Exterior Girder	67.42	0.95	1	1	4.300855
Annual Permit 2_str	BOBJ1	123.84	Before	Interior Girder 1	67.42	0.95	1	1	3.163566
Annual Permit 2_str	BOBJ1	123.84	Before	Interior Girder 2	67.42	0.95	1	1	3.132765
Annual Permit 2_str	BOBJ1	123.84	Before	Interior Girder 3	67.42	0.95	1	1	2.550703
Annual Permit 2_str	BOBJ1	123.84	Before	Interior Girder 4	67.42	0.95	1	1	2.550703
Annual Permit 2_str	BOBJ1	123.84	Before	Interior Girder 5	67.42	0.95	1	1	3.132765
Annual Permit 2_str	BOBJ1	123.84	Before	Interior Girder 6	67.42	0.95	1	1	3.163566
Annual Permit 2_str	BOBJ1	123.84	Before	Right Exterior Girder	67.42	0.95	1	1	4.300855
Annual Permit 2_str	BOBJ1	123.84	After	Left Exterior Girder	0	0.95	1	1	4.246186
Annual Permit 2_str	BOBJ1	123.84	After	Interior Girder 1	0	0.95	1	1	3.145486
Annual Permit 2_str	BOBJ1	123.84	After	Interior Girder 2	0	0.95	1	1	3.122754
Annual Permit 2_str	BOBJ1	123.84	After	Interior Girder 3	0	0.95	1	1	2.544667
Annual Permit 2_str	BOBJ1	123.84	After	Interior Girder 4	0	0.95	1	1	2.544667
Annual Permit 2_str	BOBJ1	123.84	After	Interior Girder 5	0	0.95	1	1	3.122754
Annual Permit 2_str	BOBJ1	123.84	After	Interior Girder 6	0	0.95	1	1	3.145486

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Approach, Span 7-11									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Annual Permit 2_str	BOBJ1	123.84	After	Right Exterior Girder	0	0.95	1	1	4.246186
Annual Permit 2_str	BOBJ1	128.84	Before	Interior Girder 1	5	0.95	1	1	3.195536
Annual Permit 2_str	BOBJ1	128.84	Before	Interior Girder 2	5	0.95	1	1	3.171874
Annual Permit 2_str	BOBJ1	128.84	Before	Interior Girder 3	5	0.95	1	1	2.585711
Annual Permit 2_str	BOBJ1	128.84	Before	Interior Girder 4	5	0.95	1	1	2.585711
Annual Permit 2_str	BOBJ1	128.84	Before	Interior Girder 5	5	0.95	1	1	3.171874
Annual Permit 2_str	BOBJ1	128.84	Before	Interior Girder 6	5	0.95	1	1	3.195536
Annual Permit 2_str	BOBJ1	128.84	After	Interior Girder 1	5	0.95	1	1	3.691201
Annual Permit 2_str	BOBJ1	128.84	After	Interior Girder 2	5	0.95	1	1	3.749443
Annual Permit 2_str	BOBJ1	128.84	After	Interior Girder 3	5	0.95	1	1	3.127129
Annual Permit 2_str	BOBJ1	128.84	After	Interior Girder 4	5	0.95	1	1	3.127129
Annual Permit 2_str	BOBJ1	128.84	After	Interior Girder 5	5	0.95	1	1	3.749443
Annual Permit 2_str	BOBJ1	128.84	After	Interior Girder 6	5	0.95	1	1	3.691201
Annual Permit 2_str	BOBJ1	131.34	Before	Left Exterior Girder	7.5	0.95	1	1	2.922303
Annual Permit 2_str	BOBJ1	131.34	Before	Right Exterior Girder	7.5	0.95	1	1	2.922303
Annual Permit 2_str	BOBJ1	131.34	After	Left Exterior Girder	7.5	0.95	1	1	3.150929
Annual Permit 2_str	BOBJ1	131.34	After	Right Exterior Girder	7.5	0.95	1	1	3.150929
Annual Permit 2_str	BOBJ1	132.265	Before	Left Exterior Girder	8.425	0.95	1	1	3.157788
Annual Permit 2_str	BOBJ1	132.265	Before	Interior Girder 1	8.425	0.95	1	1	4.906433
Annual Permit 2_str	BOBJ1	132.265	Before	Interior Girder 2	8.425	0.95	1	1	3.787403
Annual Permit 2_str	BOBJ1	132.265	Before	Interior Girder 3	8.425	0.95	1	1	3.159444
Annual Permit 2_str	BOBJ1	132.265	Before	Interior Girder 4	8.425	0.95	1	1	3.159444
Annual Permit 2_str	BOBJ1	132.265	Before	Interior Girder 5	8.425	0.95	1	1	3.787403
Annual Permit 2_str	BOBJ1	132.265	Before	Interior Girder 6	8.425	0.95	1	1	4.906433
Annual Permit 2_str	BOBJ1	132.265	Before	Right Exterior Girder	8.425	0.95	1	1	3.157788
Annual Permit 2_str	BOBJ1	132.265	After	Left Exterior Girder	8.425	0.95	1	1	5.214745
Annual Permit 2_str	BOBJ1	132.265	After	Interior Girder 1	8.425	0.95	1	1	5.403332
Annual Permit 2_str	BOBJ1	132.265	After	Interior Girder 2	8.425	0.95	1	1	5.684442
Annual Permit 2_str	BOBJ1	132.265	After	Interior Girder 3	8.425	0.95	1	1	4.963176
Annual Permit 2_str	BOBJ1	132.265	After	Interior Girder 4	8.425	0.95	1	1	4.963176
Annual Permit 2_str	BOBJ1	132.265	After	Interior Girder 5	8.425	0.95	1	1	5.684442
Annual Permit 2_str	BOBJ1	132.265	After	Interior Girder 6	8.425	0.95	1	1	5.403332
Annual Permit 2_str	BOBJ1	132.265	After	Right Exterior Girder	8.425	0.95	1	1	5.214745
Annual Permit 2_str	BOBJ1	140.69	Before	Left Exterior Girder	16.85	0.95	1	1	5.310545
Annual Permit 2_str	BOBJ1	140.69	Before	Interior Girder 1	16.85	0.95	1	1	5.53757
Annual Permit 2_str	BOBJ1	140.69	Before	Interior Girder 2	16.85	0.95	1	1	5.823984
Annual Permit 2_str	BOBJ1	140.69	Before	Interior Girder 3	16.85	0.95	1	1	5.086983
Annual Permit 2_str	BOBJ1	140.69	Before	Interior Girder 4	16.85	0.95	1	1	5.086983
Annual Permit 2_str	BOBJ1	140.69	Before	Interior Girder 5	16.85	0.95	1	1	5.823984
Annual Permit 2_str	BOBJ1	140.69	Before	Interior Girder 6	16.85	0.95	1	1	5.53757
Annual Permit 2_str	BOBJ1	140.69	Before	Right Exterior Girder	16.85	0.95	1	1	5.310545
Annual Permit 2_str	BOBJ1	140.69	After	Left Exterior Girder	16.85	0.95	1	1	9.587098
Annual Permit 2_str	BOBJ1	140.69	After	Interior Girder 1	16.85	0.95	1	1	6.608856
Annual Permit 2_str	BOBJ1	140.69	After	Interior Girder 2	16.85	0.95	1	1	6.315806
Annual Permit 2_str	BOBJ1	140.69	After	Interior Girder 3	16.85	0.95	1	1	5.597219
Annual Permit 2_str	BOBJ1	140.69	After	Interior Girder 4	16.85	0.95	1	1	5.597219
Annual Permit 2_str	BOBJ1	140.69	After	Interior Girder 5	16.85	0.95	1	1	6.315806
Annual Permit 2_str	BOBJ1	140.69	After	Interior Girder 6	16.85	0.95	1	1	6.608856
Annual Permit 2_str	BOBJ1	140.69	After	Right Exterior Girder	16.85	0.95	1	1	9.587098
Annual Permit 2_str	BOBJ1	149.115	Before	Left Exterior Girder	25.275	0.95	1	1	9.754026
Annual Permit 2_str	BOBJ1	149.115	Before	Interior Girder 1	25.275	0.95	1	1	6.767292
Annual Permit 2_str	BOBJ1	149.115	Before	Interior Girder 2	25.275	0.95	1	1	6.466878
Annual Permit 2_str	BOBJ1	149.115	Before	Interior Girder 3	25.275	0.95	1	1	5.730971
Annual Permit 2_str	BOBJ1	149.115	Before	Interior Girder 4	25.275	0.95	1	1	5.730971
Annual Permit 2_str	BOBJ1	149.115	Before	Interior Girder 5	25.275	0.95	1	1	6.466878
Annual Permit 2_str	BOBJ1	149.115	Before	Interior Girder 6	25.275	0.95	1	1	6.767292
Annual Permit 2_str	BOBJ1	149.115	Before	Right Exterior Girder	25.275	0.95	1	1	9.754026
Annual Permit 2_str	BOBJ1	149.115	After	Left Exterior Girder	25.275	0.95	1	1	12.827067
Annual Permit 2_str	BOBJ1	149.115	After	Interior Girder 1	25.275	0.95	1	1	10.998114
Annual Permit 2_str	BOBJ1	149.115	After	Interior Girder 2	25.275	0.95	1	1	10.860719
Annual Permit 2_str	BOBJ1	149.115	After	Interior Girder 3	25.275	0.95	1	1	9.217807
Annual Permit 2_str	BOBJ1	149.115	After	Interior Girder 4	25.275	0.95	1	1	9.217807
Annual Permit 2_str	BOBJ1	149.115	After	Interior Girder 5	25.275	0.95	1	1	10.860719
Annual Permit 2_str	BOBJ1	149.115	After	Interior Girder 6	25.275	0.95	1	1	10.998114
Annual Permit 2_str	BOBJ1	149.115	After	Right Exterior Girder	25.275	0.95	1	1	12.827067

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Approach, Span 7-11									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Annual Permit 2_str	BOBJ1	157.54	Before	Left Exterior Girder	33.7	0.95	1	1	13.039442
Annual Permit 2_str	BOBJ1	157.54	Before	Interior Girder 1	33.7	0.95	1	1	11.253834
Annual Permit 2_str	BOBJ1	157.54	Before	Interior Girder 2	33.7	0.95	1	1	10.6953
Annual Permit 2_str	BOBJ1	157.54	Before	Interior Girder 3	33.7	0.95	1	1	9.015767
Annual Permit 2_str	BOBJ1	157.54	Before	Interior Girder 4	33.7	0.95	1	1	9.015767
Annual Permit 2_str	BOBJ1	157.54	Before	Interior Girder 5	33.7	0.95	1	1	10.6953
Annual Permit 2_str	BOBJ1	157.54	Before	Interior Girder 6	33.7	0.95	1	1	11.253834
Annual Permit 2_str	BOBJ1	157.54	Before	Right Exterior Girder	33.7	0.95	1	1	13.039442
Annual Permit 2_str	BOBJ1	157.54	After	Left Exterior Girder	33.7	0.95	1	1	13.062853
Annual Permit 2_str	BOBJ1	157.54	After	Interior Girder 1	33.7	0.95	1	1	11.262793
Annual Permit 2_str	BOBJ1	157.54	After	Interior Girder 2	33.7	0.95	1	1	10.690697
Annual Permit 2_str	BOBJ1	157.54	After	Interior Girder 3	33.7	0.95	1	1	9.010153
Annual Permit 2_str	BOBJ1	157.54	After	Interior Girder 4	33.7	0.95	1	1	9.010153
Annual Permit 2_str	BOBJ1	157.54	After	Interior Girder 5	33.7	0.95	1	1	10.690697
Annual Permit 2_str	BOBJ1	157.54	After	Interior Girder 6	33.7	0.95	1	1	11.262793
Annual Permit 2_str	BOBJ1	157.54	After	Right Exterior Girder	33.7	0.95	1	1	13.062853
Annual Permit 2_str	BOBJ1	165.965	Before	Left Exterior Girder	42.125	0.95	1	1	12.850113
Annual Permit 2_str	BOBJ1	165.965	Before	Interior Girder 1	42.125	0.95	1	1	11.006876
Annual Permit 2_str	BOBJ1	165.965	Before	Interior Girder 2	42.125	0.95	1	1	10.868359
Annual Permit 2_str	BOBJ1	165.965	Before	Interior Girder 3	42.125	0.95	1	1	9.212076
Annual Permit 2_str	BOBJ1	165.965	Before	Interior Girder 4	42.125	0.95	1	1	9.212076
Annual Permit 2_str	BOBJ1	165.965	Before	Interior Girder 5	42.125	0.95	1	1	10.868359
Annual Permit 2_str	BOBJ1	165.965	Before	Interior Girder 6	42.125	0.95	1	1	11.006876
Annual Permit 2_str	BOBJ1	165.965	Before	Right Exterior Girder	42.125	0.95	1	1	12.850113
Annual Permit 2_str	BOBJ1	165.965	After	Left Exterior Girder	42.125	0.95	1	1	9.769857
Annual Permit 2_str	BOBJ1	165.965	After	Interior Girder 1	42.125	0.95	1	1	6.771133
Annual Permit 2_str	BOBJ1	165.965	After	Interior Girder 2	42.125	0.95	1	1	6.469761
Annual Permit 2_str	BOBJ1	165.965	After	Interior Girder 3	42.125	0.95	1	1	5.733885
Annual Permit 2_str	BOBJ1	165.965	After	Interior Girder 4	42.125	0.95	1	1	5.733885
Annual Permit 2_str	BOBJ1	165.965	After	Interior Girder 5	42.125	0.95	1	1	6.469761
Annual Permit 2_str	BOBJ1	165.965	After	Interior Girder 6	42.125	0.95	1	1	6.771133
Annual Permit 2_str	BOBJ1	165.965	After	Right Exterior Girder	42.125	0.95	1	1	9.769857
Annual Permit 2_str	BOBJ1	174.39	Before	Left Exterior Girder	50.55	0.95	1	1	9.602672
Annual Permit 2_str	BOBJ1	174.39	Before	Interior Girder 1	50.55	0.95	1	1	6.61261
Annual Permit 2_str	BOBJ1	174.39	Before	Interior Girder 2	50.55	0.95	1	1	6.318624
Annual Permit 2_str	BOBJ1	174.39	Before	Interior Girder 3	50.55	0.95	1	1	5.600072
Annual Permit 2_str	BOBJ1	174.39	Before	Interior Girder 4	50.55	0.95	1	1	5.600072
Annual Permit 2_str	BOBJ1	174.39	Before	Interior Girder 5	50.55	0.95	1	1	6.318624
Annual Permit 2_str	BOBJ1	174.39	Before	Interior Girder 6	50.55	0.95	1	1	6.61261
Annual Permit 2_str	BOBJ1	174.39	Before	Right Exterior Girder	50.55	0.95	1	1	9.602672
Annual Permit 2_str	BOBJ1	174.39	After	Left Exterior Girder	50.55	0.95	1	1	5.316577
Annual Permit 2_str	BOBJ1	174.39	After	Interior Girder 1	50.55	0.95	1	1	5.539758
Annual Permit 2_str	BOBJ1	174.39	After	Interior Girder 2	50.55	0.95	1	1	5.825131
Annual Permit 2_str	BOBJ1	174.39	After	Interior Girder 3	50.55	0.95	1	1	5.091604
Annual Permit 2_str	BOBJ1	174.39	After	Interior Girder 4	50.55	0.95	1	1	5.091604
Annual Permit 2_str	BOBJ1	174.39	After	Interior Girder 5	50.55	0.95	1	1	5.825131
Annual Permit 2_str	BOBJ1	174.39	After	Interior Girder 6	50.55	0.95	1	1	5.539758
Annual Permit 2_str	BOBJ1	174.39	After	Right Exterior Girder	50.55	0.95	1	1	5.316577
Annual Permit 2_str	BOBJ1	182.825	Before	Left Exterior Girder	58.985	0.95	1	1	5.220566
Annual Permit 2_str	BOBJ1	182.825	Before	Interior Girder 1	58.985	0.95	1	1	5.405302
Annual Permit 2_str	BOBJ1	182.825	Before	Interior Girder 2	58.985	0.95	1	1	5.68539
Annual Permit 2_str	BOBJ1	182.825	Before	Interior Girder 3	58.985	0.95	1	1	4.967551
Annual Permit 2_str	BOBJ1	182.825	Before	Interior Girder 4	58.985	0.95	1	1	4.967551
Annual Permit 2_str	BOBJ1	182.825	Before	Interior Girder 5	58.985	0.95	1	1	5.68539
Annual Permit 2_str	BOBJ1	182.825	Before	Interior Girder 6	58.985	0.95	1	1	5.405302
Annual Permit 2_str	BOBJ1	182.825	Before	Right Exterior Girder	58.985	0.95	1	1	5.220566
Annual Permit 2_str	BOBJ1	182.825	After	Left Exterior Girder	58.985	0.95	1	1	3.169926
Annual Permit 2_str	BOBJ1	182.825	After	Interior Girder 1	58.985	0.95	1	1	4.893475
Annual Permit 2_str	BOBJ1	182.825	After	Interior Girder 2	58.985	0.95	1	1	3.786363
Annual Permit 2_str	BOBJ1	182.825	After	Interior Girder 3	58.985	0.95	1	1	3.160927
Annual Permit 2_str	BOBJ1	182.825	After	Interior Girder 4	58.985	0.95	1	1	3.160927
Annual Permit 2_str	BOBJ1	182.825	After	Interior Girder 5	58.985	0.95	1	1	3.786363
Annual Permit 2_str	BOBJ1	182.825	After	Interior Girder 6	58.985	0.95	1	1	4.893475
Annual Permit 2_str	BOBJ1	182.825	After	Right Exterior Girder	58.985	0.95	1	1	3.169926
Annual Permit 2_str	BOBJ1	183.76	Before	Left Exterior Girder	59.92	0.95	1	1	3.162971

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Approach, Span 7-11									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Annual Permit 2_str	BOBJ1	183.76	Before	Right Exterior Girder	59.92	0.95	1	1	3.162971
Annual Permit 2_str	BOBJ1	183.76	After	Left Exterior Girder	59.92	0.95	1	1	2.932663
Annual Permit 2_str	BOBJ1	183.76	After	Right Exterior Girder	59.92	0.95	1	1	2.932663
Annual Permit 2_str	BOBJ1	186.26	Before	Interior Girder 1	62.42	0.95	1	1	3.691145
Annual Permit 2_str	BOBJ1	186.26	Before	Interior Girder 2	62.42	0.95	1	1	3.748299
Annual Permit 2_str	BOBJ1	186.26	Before	Interior Girder 3	62.42	0.95	1	1	3.128504
Annual Permit 2_str	BOBJ1	186.26	Before	Interior Girder 4	62.42	0.95	1	1	3.128504
Annual Permit 2_str	BOBJ1	186.26	Before	Interior Girder 5	62.42	0.95	1	1	3.748299
Annual Permit 2_str	BOBJ1	186.26	Before	Interior Girder 6	62.42	0.95	1	1	3.691145
Annual Permit 2_str	BOBJ1	186.26	After	Interior Girder 1	62.42	0.95	1	1	3.193877
Annual Permit 2_str	BOBJ1	186.26	After	Interior Girder 2	62.42	0.95	1	1	3.169448
Annual Permit 2_str	BOBJ1	186.26	After	Interior Girder 3	62.42	0.95	1	1	2.585399
Annual Permit 2_str	BOBJ1	186.26	After	Interior Girder 4	62.42	0.95	1	1	2.585399
Annual Permit 2_str	BOBJ1	186.26	After	Interior Girder 5	62.42	0.95	1	1	3.169448
Annual Permit 2_str	BOBJ1	186.26	After	Interior Girder 6	62.42	0.95	1	1	3.193877
Annual Permit 2_str	BOBJ1	191.26	Before	Left Exterior Girder	67.42	0.95	1	1	4.249244
Annual Permit 2_str	BOBJ1	191.26	Before	Interior Girder 1	67.42	0.95	1	1	3.143846
Annual Permit 2_str	BOBJ1	191.26	Before	Interior Girder 2	67.42	0.95	1	1	3.120358
Annual Permit 2_str	BOBJ1	191.26	Before	Interior Girder 3	67.42	0.95	1	1	2.544361
Annual Permit 2_str	BOBJ1	191.26	Before	Interior Girder 4	67.42	0.95	1	1	2.544361
Annual Permit 2_str	BOBJ1	191.26	Before	Interior Girder 5	67.42	0.95	1	1	3.120358
Annual Permit 2_str	BOBJ1	191.26	Before	Interior Girder 6	67.42	0.95	1	1	3.143846
Annual Permit 2_str	BOBJ1	191.26	Before	Right Exterior Girder	67.42	0.95	1	1	4.249244
Annual Permit 2_str	BOBJ1	191.26	After	Left Exterior Girder	0	0.95	1	1	4.296429
Annual Permit 2_str	BOBJ1	191.26	After	Interior Girder 1	0	0.95	1	1	3.164672
Annual Permit 2_str	BOBJ1	191.26	After	Interior Girder 2	0	0.95	1	1	3.134797
Annual Permit 2_str	BOBJ1	191.26	After	Interior Girder 3	0	0.95	1	1	2.550714
Annual Permit 2_str	BOBJ1	191.26	After	Interior Girder 4	0	0.95	1	1	2.550714
Annual Permit 2_str	BOBJ1	191.26	After	Interior Girder 5	0	0.95	1	1	3.134797
Annual Permit 2_str	BOBJ1	191.26	After	Interior Girder 6	0	0.95	1	1	3.164672
Annual Permit 2_str	BOBJ1	191.26	After	Right Exterior Girder	0	0.95	1	1	4.296429
Annual Permit 2_str	BOBJ1	196.26	Before	Interior Girder 1	5	0.95	1	1	3.214985
Annual Permit 2_str	BOBJ1	196.26	Before	Interior Girder 2	5	0.95	1	1	3.184075
Annual Permit 2_str	BOBJ1	196.26	Before	Interior Girder 3	5	0.95	1	1	2.591838
Annual Permit 2_str	BOBJ1	196.26	Before	Interior Girder 4	5	0.95	1	1	2.591838
Annual Permit 2_str	BOBJ1	196.26	Before	Interior Girder 5	5	0.95	1	1	3.184075
Annual Permit 2_str	BOBJ1	196.26	Before	Interior Girder 6	5	0.95	1	1	3.214985
Annual Permit 2_str	BOBJ1	196.26	After	Interior Girder 1	5	0.95	1	1	3.718351
Annual Permit 2_str	BOBJ1	196.26	After	Interior Girder 2	5	0.95	1	1	3.767504
Annual Permit 2_str	BOBJ1	196.26	After	Interior Girder 3	5	0.95	1	1	3.13333
Annual Permit 2_str	BOBJ1	196.26	After	Interior Girder 4	5	0.95	1	1	3.13333
Annual Permit 2_str	BOBJ1	196.26	After	Interior Girder 5	5	0.95	1	1	3.767504
Annual Permit 2_str	BOBJ1	196.26	After	Interior Girder 6	5	0.95	1	1	3.718351
Annual Permit 2_str	BOBJ1	198.76	Before	Left Exterior Girder	7.5	0.95	1	1	2.947476
Annual Permit 2_str	BOBJ1	198.76	Before	Right Exterior Girder	7.5	0.95	1	1	2.947476
Annual Permit 2_str	BOBJ1	198.76	After	Left Exterior Girder	7.5	0.95	1	1	3.180617
Annual Permit 2_str	BOBJ1	198.76	After	Right Exterior Girder	7.5	0.95	1	1	3.180617
Annual Permit 2_str	BOBJ1	199.685	Before	Left Exterior Girder	8.425	0.95	1	1	3.187537
Annual Permit 2_str	BOBJ1	199.685	Before	Interior Girder 1	8.425	0.95	1	1	4.927354
Annual Permit 2_str	BOBJ1	199.685	Before	Interior Girder 2	8.425	0.95	1	1	3.805622
Annual Permit 2_str	BOBJ1	199.685	Before	Interior Girder 3	8.425	0.95	1	1	3.165697
Annual Permit 2_str	BOBJ1	199.685	Before	Interior Girder 4	8.425	0.95	1	1	3.165697
Annual Permit 2_str	BOBJ1	199.685	Before	Interior Girder 5	8.425	0.95	1	1	3.805622
Annual Permit 2_str	BOBJ1	199.685	Before	Interior Girder 6	8.425	0.95	1	1	4.927354
Annual Permit 2_str	BOBJ1	199.685	Before	Right Exterior Girder	8.425	0.95	1	1	3.187537
Annual Permit 2_str	BOBJ1	199.685	After	Left Exterior Girder	8.425	0.95	1	1	5.282157
Annual Permit 2_str	BOBJ1	199.685	After	Interior Girder 1	8.425	0.95	1	1	5.459373
Annual Permit 2_str	BOBJ1	199.685	After	Interior Girder 2	8.425	0.95	1	1	5.721901
Annual Permit 2_str	BOBJ1	199.685	After	Interior Girder 3	8.425	0.95	1	1	4.984218
Annual Permit 2_str	BOBJ1	199.685	After	Interior Girder 4	8.425	0.95	1	1	4.984218
Annual Permit 2_str	BOBJ1	199.685	After	Interior Girder 5	8.425	0.95	1	1	5.721901
Annual Permit 2_str	BOBJ1	199.685	After	Interior Girder 6	8.425	0.95	1	1	5.459373
Annual Permit 2_str	BOBJ1	199.685	After	Right Exterior Girder	8.425	0.95	1	1	5.282157
Annual Permit 2_str	BOBJ1	208.11	Before	Left Exterior Girder	16.85	0.95	1	1	5.379132
Annual Permit 2_str	BOBJ1	208.11	Before	Interior Girder 1	16.85	0.95	1	1	5.59489

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Approach, Span 7-11									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Annual Permit 2_str	BOBJ1	208.11	Before	Interior Girder 2	16.85	0.95	1	1	5.862274
Annual Permit 2_str	BOBJ1	208.11	Before	Interior Girder 3	16.85	0.95	1	1	5.108502
Annual Permit 2_str	BOBJ1	208.11	Before	Interior Girder 4	16.85	0.95	1	1	5.108502
Annual Permit 2_str	BOBJ1	208.11	Before	Interior Girder 5	16.85	0.95	1	1	5.862274
Annual Permit 2_str	BOBJ1	208.11	Before	Interior Girder 6	16.85	0.95	1	1	5.59489
Annual Permit 2_str	BOBJ1	208.11	Before	Right Exterior Girder	16.85	0.95	1	1	5.379132
Annual Permit 2_str	BOBJ1	208.11	After	Left Exterior Girder	16.85	0.95	1	1	9.785735
Annual Permit 2_str	BOBJ1	208.11	After	Interior Girder 1	16.85	0.95	1	1	6.677679
Annual Permit 2_str	BOBJ1	208.11	After	Interior Girder 2	16.85	0.95	1	1	6.347917
Annual Permit 2_str	BOBJ1	208.11	After	Interior Girder 3	16.85	0.95	1	1	5.611171
Annual Permit 2_str	BOBJ1	208.11	After	Interior Girder 4	16.85	0.95	1	1	5.611171
Annual Permit 2_str	BOBJ1	208.11	After	Interior Girder 5	16.85	0.95	1	1	6.347917
Annual Permit 2_str	BOBJ1	208.11	After	Interior Girder 6	16.85	0.95	1	1	6.677679
Annual Permit 2_str	BOBJ1	208.11	After	Right Exterior Girder	16.85	0.95	1	1	9.785735
Annual Permit 2_str	BOBJ1	216.535	Before	Left Exterior Girder	25.275	0.95	1	1	9.955971
Annual Permit 2_str	BOBJ1	216.535	Before	Interior Girder 1	25.275	0.95	1	1	6.837635
Annual Permit 2_str	BOBJ1	216.535	Before	Interior Girder 2	25.275	0.95	1	1	6.499681
Annual Permit 2_str	BOBJ1	216.535	Before	Interior Girder 3	25.275	0.95	1	1	5.745227
Annual Permit 2_str	BOBJ1	216.535	Before	Interior Girder 4	25.275	0.95	1	1	5.745227
Annual Permit 2_str	BOBJ1	216.535	Before	Interior Girder 5	25.275	0.95	1	1	6.499681
Annual Permit 2_str	BOBJ1	216.535	Before	Interior Girder 6	25.275	0.95	1	1	6.837635
Annual Permit 2_str	BOBJ1	216.535	Before	Right Exterior Girder	25.275	0.95	1	1	9.955971
Annual Permit 2_str	BOBJ1	216.535	After	Left Exterior Girder	25.275	0.95	1	1	13.142145
Annual Permit 2_str	BOBJ1	216.535	After	Interior Girder 1	25.275	0.95	1	1	11.190319
Annual Permit 2_str	BOBJ1	216.535	After	Interior Girder 2	25.275	0.95	1	1	10.891606
Annual Permit 2_str	BOBJ1	216.535	After	Interior Girder 3	25.275	0.95	1	1	9.189958
Annual Permit 2_str	BOBJ1	216.535	After	Interior Girder 4	25.275	0.95	1	1	9.189958
Annual Permit 2_str	BOBJ1	216.535	After	Interior Girder 5	25.275	0.95	1	1	10.891606
Annual Permit 2_str	BOBJ1	216.535	After	Interior Girder 6	25.275	0.95	1	1	11.190319
Annual Permit 2_str	BOBJ1	216.535	After	Right Exterior Girder	25.275	0.95	1	1	13.142145
Annual Permit 2_str	BOBJ1	224.96	Before	Left Exterior Girder	33.7	0.95	1	1	13.359549
Annual Permit 2_str	BOBJ1	224.96	Before	Interior Girder 1	33.7	0.95	1	1	11.4503
Annual Permit 2_str	BOBJ1	224.96	Before	Interior Girder 2	33.7	0.95	1	1	10.652955
Annual Permit 2_str	BOBJ1	224.96	Before	Interior Girder 3	33.7	0.95	1	1	8.988491
Annual Permit 2_str	BOBJ1	224.96	Before	Interior Girder 4	33.7	0.95	1	1	8.988491
Annual Permit 2_str	BOBJ1	224.96	Before	Interior Girder 5	33.7	0.95	1	1	10.652955
Annual Permit 2_str	BOBJ1	224.96	Before	Interior Girder 6	33.7	0.95	1	1	11.4503
Annual Permit 2_str	BOBJ1	224.96	Before	Right Exterior Girder	33.7	0.95	1	1	13.359549
Annual Permit 2_str	BOBJ1	224.96	After	Left Exterior Girder	33.7	0.95	1	1	12.71796
Annual Permit 2_str	BOBJ1	224.96	After	Interior Girder 1	33.7	0.95	1	1	11.148376
Annual Permit 2_str	BOBJ1	224.96	After	Interior Girder 2	33.7	0.95	1	1	10.689952
Annual Permit 2_str	BOBJ1	224.96	After	Interior Girder 3	33.7	0.95	1	1	9.017914
Annual Permit 2_str	BOBJ1	224.96	After	Interior Girder 4	33.7	0.95	1	1	9.017914
Annual Permit 2_str	BOBJ1	224.96	After	Interior Girder 5	33.7	0.95	1	1	10.689952
Annual Permit 2_str	BOBJ1	224.96	After	Interior Girder 6	33.7	0.95	1	1	11.148376
Annual Permit 2_str	BOBJ1	224.96	After	Right Exterior Girder	33.7	0.95	1	1	12.71796
Annual Permit 2_str	BOBJ1	233.385	Before	Left Exterior Girder	42.125	0.95	1	1	12.510492
Annual Permit 2_str	BOBJ1	233.385	Before	Interior Girder 1	42.125	0.95	1	1	10.894989
Annual Permit 2_str	BOBJ1	233.385	Before	Interior Girder 2	42.125	0.95	1	1	10.787977
Annual Permit 2_str	BOBJ1	233.385	Before	Interior Girder 3	42.125	0.95	1	1	9.219953
Annual Permit 2_str	BOBJ1	233.385	Before	Interior Girder 4	42.125	0.95	1	1	9.219953
Annual Permit 2_str	BOBJ1	233.385	Before	Interior Girder 5	42.125	0.95	1	1	10.787977
Annual Permit 2_str	BOBJ1	233.385	Before	Interior Girder 6	42.125	0.95	1	1	10.894989
Annual Permit 2_str	BOBJ1	233.385	Before	Right Exterior Girder	42.125	0.95	1	1	12.510492
Annual Permit 2_str	BOBJ1	233.385	After	Left Exterior Girder	42.125	0.95	1	1	9.526829
Annual Permit 2_str	BOBJ1	233.385	After	Interior Girder 1	42.125	0.95	1	1	6.720074
Annual Permit 2_str	BOBJ1	233.385	After	Interior Girder 2	42.125	0.95	1	1	6.438831
Annual Permit 2_str	BOBJ1	233.385	After	Interior Girder 3	42.125	0.95	1	1	5.705022
Annual Permit 2_str	BOBJ1	233.385	After	Interior Girder 4	42.125	0.95	1	1	5.705022
Annual Permit 2_str	BOBJ1	233.385	After	Interior Girder 5	42.125	0.95	1	1	6.438831
Annual Permit 2_str	BOBJ1	233.385	After	Interior Girder 6	42.125	0.95	1	1	6.720074
Annual Permit 2_str	BOBJ1	233.385	After	Right Exterior Girder	42.125	0.95	1	1	9.526829
Annual Permit 2_str	BOBJ1	241.81	Before	Left Exterior Girder	50.55	0.95	1	1	9.363503
Annual Permit 2_str	BOBJ1	241.81	Before	Interior Girder 1	50.55	0.95	1	1	6.562715
Annual Permit 2_str	BOBJ1	241.81	Before	Interior Girder 2	50.55	0.95	1	1	6.288414

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Approach, Span 7-11									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Annual Permit 2_str	BOBJ1	241.81	Before	Interior Girder 3	50.55	0.95	1	1	5.571838
Annual Permit 2_str	BOBJ1	241.81	Before	Interior Girder 4	50.55	0.95	1	1	5.571838
Annual Permit 2_str	BOBJ1	241.81	Before	Interior Girder 5	50.55	0.95	1	1	6.288414
Annual Permit 2_str	BOBJ1	241.81	Before	Interior Girder 6	50.55	0.95	1	1	6.562715
Annual Permit 2_str	BOBJ1	241.81	Before	Right Exterior Girder	50.55	0.95	1	1	9.363503
Annual Permit 2_str	BOBJ1	241.81	After	Left Exterior Girder	50.55	0.95	1	1	5.371105
Annual Permit 2_str	BOBJ1	241.81	After	Interior Girder 1	50.55	0.95	1	1	5.580784
Annual Permit 2_str	BOBJ1	241.81	After	Interior Girder 2	50.55	0.95	1	1	5.760976
Annual Permit 2_str	BOBJ1	241.81	After	Interior Girder 3	50.55	0.95	1	1	5.048665
Annual Permit 2_str	BOBJ1	241.81	After	Interior Girder 4	50.55	0.95	1	1	5.048665
Annual Permit 2_str	BOBJ1	241.81	After	Interior Girder 5	50.55	0.95	1	1	5.760976
Annual Permit 2_str	BOBJ1	241.81	After	Interior Girder 6	50.55	0.95	1	1	5.580784
Annual Permit 2_str	BOBJ1	241.81	After	Right Exterior Girder	50.55	0.95	1	1	5.371105
Annual Permit 2_str	BOBJ1	245.18	Before	Left Exterior Girder	53.92	0.95	1	1	5.332614
Annual Permit 2_str	BOBJ1	245.18	Before	Interior Girder 1	53.92	0.95	1	1	5.526873
Annual Permit 2_str	BOBJ1	245.18	Before	Interior Girder 2	53.92	0.95	1	1	5.705916
Annual Permit 2_str	BOBJ1	245.18	Before	Interior Girder 3	53.92	0.95	1	1	4.999642
Annual Permit 2_str	BOBJ1	245.18	Before	Interior Girder 4	53.92	0.95	1	1	4.999642
Annual Permit 2_str	BOBJ1	245.18	Before	Interior Girder 5	53.92	0.95	1	1	5.705916
Annual Permit 2_str	BOBJ1	245.18	Before	Interior Girder 6	53.92	0.95	1	1	5.526873
Annual Permit 2_str	BOBJ1	245.18	Before	Right Exterior Girder	53.92	0.95	1	1	5.332614
Annual Permit 2_str	BOBJ1	245.18	After	Left Exterior Girder	53.92	0.95	1	1	5.508604
Annual Permit 2_str	BOBJ1	245.18	After	Interior Girder 1	53.92	0.95	1	1	5.030256
Annual Permit 2_str	BOBJ1	245.18	After	Interior Girder 2	53.92	0.95	1	1	5.136428
Annual Permit 2_str	BOBJ1	245.18	After	Interior Girder 3	53.92	0.95	1	1	4.43028
Annual Permit 2_str	BOBJ1	245.18	After	Interior Girder 4	53.92	0.95	1	1	4.43028
Annual Permit 2_str	BOBJ1	245.18	After	Interior Girder 5	53.92	0.95	1	1	5.136428
Annual Permit 2_str	BOBJ1	245.18	After	Interior Girder 6	53.92	0.95	1	1	5.030256
Annual Permit 2_str	BOBJ1	245.18	After	Right Exterior Girder	53.92	0.95	1	1	5.508604
Annual Permit 2_str	BOBJ1	250.245	Before	Left Exterior Girder	58.985	0.95	1	1	5.452882
Annual Permit 2_str	BOBJ1	250.245	Before	Interior Girder 1	58.985	0.95	1	1	4.958943
Annual Permit 2_str	BOBJ1	250.245	Before	Interior Girder 2	58.985	0.95	1	1	5.064329
Annual Permit 2_str	BOBJ1	250.245	Before	Interior Girder 3	58.985	0.95	1	1	4.367045
Annual Permit 2_str	BOBJ1	250.245	Before	Interior Girder 4	58.985	0.95	1	1	4.367045
Annual Permit 2_str	BOBJ1	250.245	Before	Interior Girder 5	58.985	0.95	1	1	5.064329
Annual Permit 2_str	BOBJ1	250.245	Before	Interior Girder 6	58.985	0.95	1	1	4.958943
Annual Permit 2_str	BOBJ1	250.245	Before	Right Exterior Girder	58.985	0.95	1	1	5.452882
Annual Permit 2_str	BOBJ1	250.245	After	Left Exterior Girder	58.985	0.95	1	1	4.332497
Annual Permit 2_str	BOBJ1	250.245	After	Interior Girder 1	58.985	0.95	1	1	4.378176
Annual Permit 2_str	BOBJ1	250.245	After	Interior Girder 2	58.985	0.95	1	1	3.938164
Annual Permit 2_str	BOBJ1	250.245	After	Interior Girder 3	58.985	0.95	1	1	3.301496
Annual Permit 2_str	BOBJ1	250.245	After	Interior Girder 4	58.985	0.95	1	1	3.301496
Annual Permit 2_str	BOBJ1	250.245	After	Interior Girder 5	58.985	0.95	1	1	3.938164
Annual Permit 2_str	BOBJ1	250.245	After	Interior Girder 6	58.985	0.95	1	1	4.378176
Annual Permit 2_str	BOBJ1	250.245	After	Right Exterior Girder	58.985	0.95	1	1	4.332497
Annual Permit 2_str	BOBJ1	251.68	Before	Left Exterior Girder	60.42	0.95	1	1	4.319556
Annual Permit 2_str	BOBJ1	251.68	Before	Right Exterior Girder	60.42	0.95	1	1	4.319556
Annual Permit 2_str	BOBJ1	251.68	After	Left Exterior Girder	60.42	0.95	1	1	3.946948
Annual Permit 2_str	BOBJ1	251.68	After	Right Exterior Girder	60.42	0.95	1	1	3.946948
Annual Permit 2_str	BOBJ1	254.18	Before	Interior Girder 1	62.92	0.95	1	1	3.860619
Annual Permit 2_str	BOBJ1	254.18	Before	Interior Girder 2	62.92	0.95	1	1	3.89446
Annual Permit 2_str	BOBJ1	254.18	Before	Interior Girder 3	62.92	0.95	1	1	3.264123
Annual Permit 2_str	BOBJ1	254.18	Before	Interior Girder 4	62.92	0.95	1	1	3.264123
Annual Permit 2_str	BOBJ1	254.18	Before	Interior Girder 5	62.92	0.95	1	1	3.894459
Annual Permit 2_str	BOBJ1	254.18	Before	Interior Girder 6	62.92	0.95	1	1	3.860619
Annual Permit 2_str	BOBJ1	254.18	After	Interior Girder 1	62.92	0.95	1	1	3.298312
Annual Permit 2_str	BOBJ1	254.18	After	Interior Girder 2	62.92	0.95	1	1	3.248532
Annual Permit 2_str	BOBJ1	254.18	After	Interior Girder 3	62.92	0.95	1	1	2.648472
Annual Permit 2_str	BOBJ1	254.18	After	Interior Girder 4	62.92	0.95	1	1	2.648472
Annual Permit 2_str	BOBJ1	254.18	After	Interior Girder 5	62.92	0.95	1	1	3.248532
Annual Permit 2_str	BOBJ1	254.18	After	Interior Girder 6	62.92	0.95	1	1	3.298312
Annual Permit 2_str	BOBJ1	258.68	Before	Left Exterior Girder	67.42	0.95	1	1	4.759234
Annual Permit 2_str	BOBJ1	258.68	Before	Interior Girder 1	67.42	0.95	1	1	3.254466
Annual Permit 2_str	BOBJ1	258.68	Before	Interior Girder 2	67.42	0.95	1	1	3.205768
Annual Permit 2_str	BOBJ1	258.68	Before	Interior Girder 3	67.42	0.95	1	1	2.612744

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Approach, Span 7-11									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Annual Permit 2_str	BOBJ1	258.68	Before	Interior Girder 4	67.42	0.95	1	1	2.612744
Annual Permit 2_str	BOBJ1	258.68	Before	Interior Girder 5	67.42	0.95	1	1	3.205768
Annual Permit 2_str	BOBJ1	258.68	Before	Interior Girder 6	67.42	0.95	1	1	3.254466
Annual Permit 2_str	BOBJ1	258.68	Before	Right Exterior Girder	67.42	0.95	1	1	4.759234
Annual Permit 2_str	BOBJ1	258.68	After	Left Exterior Girder	0	0.95	1	1	5.320559
Annual Permit 2_str	BOBJ1	258.68	After	Interior Girder 1	0	0.95	1	1	3.291221
Annual Permit 2_str	BOBJ1	258.68	After	Interior Girder 2	0	0.95	1	1	3.190211
Annual Permit 2_str	BOBJ1	258.68	After	Interior Girder 3	0	0.95	1	1	2.587139
Annual Permit 2_str	BOBJ1	258.68	After	Interior Girder 4	0	0.95	1	1	2.587139
Annual Permit 2_str	BOBJ1	258.68	After	Interior Girder 5	0	0.95	1	1	3.190211
Annual Permit 2_str	BOBJ1	258.68	After	Interior Girder 6	0	0.95	1	1	3.291221
Annual Permit 2_str	BOBJ1	258.68	After	Right Exterior Girder	0	0.95	1	1	5.320559
Annual Permit 2_str	BOBJ1	263.18	Before	Interior Girder 1	4.5	0.95	1	1	3.335815
Annual Permit 2_str	BOBJ1	263.18	Before	Interior Girder 2	4.5	0.95	1	1	3.233021
Annual Permit 2_str	BOBJ1	263.18	Before	Interior Girder 3	4.5	0.95	1	1	2.622673
Annual Permit 2_str	BOBJ1	263.18	Before	Interior Girder 4	4.5	0.95	1	1	2.622673
Annual Permit 2_str	BOBJ1	263.18	Before	Interior Girder 5	4.5	0.95	1	1	3.233021
Annual Permit 2_str	BOBJ1	263.18	Before	Interior Girder 6	4.5	0.95	1	1	3.335815
Annual Permit 2_str	BOBJ1	263.18	After	Interior Girder 1	4.5	0.95	1	1	4.148653
Annual Permit 2_str	BOBJ1	263.18	After	Interior Girder 2	4.5	0.95	1	1	4.105478
Annual Permit 2_str	BOBJ1	263.18	After	Interior Girder 3	4.5	0.95	1	1	3.353993
Annual Permit 2_str	BOBJ1	263.18	After	Interior Girder 4	4.5	0.95	1	1	3.353993
Annual Permit 2_str	BOBJ1	263.18	After	Interior Girder 5	4.5	0.95	1	1	4.105478
Annual Permit 2_str	BOBJ1	263.18	After	Interior Girder 6	4.5	0.95	1	1	4.148653
Annual Permit 2_str	BOBJ1	265.68	Before	Left Exterior Girder	7	0.95	1	1	4.484016
Annual Permit 2_str	BOBJ1	265.68	Before	Right Exterior Girder	7	0.95	1	1	4.484016
Annual Permit 2_str	BOBJ1	265.68	After	Left Exterior Girder	7	0.95	1	1	5.149831
Annual Permit 2_str	BOBJ1	265.68	After	Right Exterior Girder	7	0.95	1	1	5.149831
Annual Permit 2_str	BOBJ1	268.08	Before	Left Exterior Girder	9.4	0.95	1	1	5.175698
Annual Permit 2_str	BOBJ1	268.08	Before	Interior Girder 1	9.4	0.95	1	1	4.522429
Annual Permit 2_str	BOBJ1	268.08	Before	Interior Girder 2	9.4	0.95	1	1	4.163169
Annual Permit 2_str	BOBJ1	268.08	Before	Interior Girder 3	9.4	0.95	1	1	3.401982
Annual Permit 2_str	BOBJ1	268.08	Before	Interior Girder 4	9.4	0.95	1	1	3.401982
Annual Permit 2_str	BOBJ1	268.08	Before	Interior Girder 5	9.4	0.95	1	1	4.163169
Annual Permit 2_str	BOBJ1	268.08	Before	Interior Girder 6	9.4	0.95	1	1	4.522429
Annual Permit 2_str	BOBJ1	268.08	Before	Right Exterior Girder	9.4	0.95	1	1	5.175698
Annual Permit 2_str	BOBJ1	268.08	After	Left Exterior Girder	9.4	0.95	1	1	6.953372
Annual Permit 2_str	BOBJ1	268.08	After	Interior Girder 1	9.4	0.95	1	1	6.569415
Annual Permit 2_str	BOBJ1	268.08	After	Interior Girder 2	9.4	0.95	1	1	6.60286
Annual Permit 2_str	BOBJ1	268.08	After	Interior Girder 3	9.4	0.95	1	1	5.686334
Annual Permit 2_str	BOBJ1	268.08	After	Interior Girder 4	9.4	0.95	1	1	5.686334
Annual Permit 2_str	BOBJ1	268.08	After	Interior Girder 5	9.4	0.95	1	1	6.60286
Annual Permit 2_str	BOBJ1	268.08	After	Interior Girder 6	9.4	0.95	1	1	6.569415
Annual Permit 2_str	BOBJ1	268.08	After	Right Exterior Girder	9.4	0.95	1	1	6.953372
Annual Permit 2_str	BOBJ1	277.48	Before	Left Exterior Girder	18.8	0.95	1	1	7.084368
Annual Permit 2_str	BOBJ1	277.48	Before	Interior Girder 1	18.8	0.95	1	1	6.744887
Annual Permit 2_str	BOBJ1	277.48	Before	Interior Girder 2	18.8	0.95	1	1	6.777436
Annual Permit 2_str	BOBJ1	277.48	Before	Interior Girder 3	18.8	0.95	1	1	5.838724
Annual Permit 2_str	BOBJ1	277.48	Before	Interior Girder 4	18.8	0.95	1	1	5.838724
Annual Permit 2_str	BOBJ1	277.48	Before	Interior Girder 5	18.8	0.95	1	1	6.777436
Annual Permit 2_str	BOBJ1	277.48	Before	Interior Girder 6	18.8	0.95	1	1	6.744887
Annual Permit 2_str	BOBJ1	277.48	Before	Right Exterior Girder	18.8	0.95	1	1	7.084368
Annual Permit 2_str	BOBJ1	277.48	After	Left Exterior Girder	18.8	0.95	1	1	14.112752
Annual Permit 2_str	BOBJ1	277.48	After	Interior Girder 1	18.8	0.95	1	1	7.977664
Annual Permit 2_str	BOBJ1	277.48	After	Interior Girder 2	18.8	0.95	1	1	7.329235
Annual Permit 2_str	BOBJ1	277.48	After	Interior Girder 3	18.8	0.95	1	1	6.373669
Annual Permit 2_str	BOBJ1	277.48	After	Interior Girder 4	18.8	0.95	1	1	6.373669
Annual Permit 2_str	BOBJ1	277.48	After	Interior Girder 5	18.8	0.95	1	1	7.329235
Annual Permit 2_str	BOBJ1	277.48	After	Interior Girder 6	18.8	0.95	1	1	7.977664
Annual Permit 2_str	BOBJ1	277.48	After	Right Exterior Girder	18.8	0.95	1	1	14.112752
Annual Permit 2_str	BOBJ1	286.88	Before	Left Exterior Girder	28.2	0.95	1	1	14.364912
Annual Permit 2_str	BOBJ1	286.88	Before	Interior Girder 1	28.2	0.95	1	1	8.182735
Annual Permit 2_str	BOBJ1	286.88	Before	Interior Girder 2	28.2	0.95	1	1	7.517384
Annual Permit 2_str	BOBJ1	286.88	Before	Interior Girder 3	28.2	0.95	1	1	6.537092
Annual Permit 2_str	BOBJ1	286.88	Before	Interior Girder 4	28.2	0.95	1	1	6.537092

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Approach, Span 7-11									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Annual Permit 2_str	BOBJ1	286.88	Before	Interior Girder 5	28.2	0.95	1	1	7.517384
Annual Permit 2_str	BOBJ1	286.88	Before	Interior Girder 6	28.2	0.95	1	1	8.182735
Annual Permit 2_str	BOBJ1	286.88	Before	Right Exterior Girder	28.2	0.95	1	1	14.364912
Annual Permit 2_str	BOBJ1	286.88	After	Left Exterior Girder	28.2	0.95	1	1	23.235245
Annual Permit 2_str	BOBJ1	286.88	After	Interior Girder 1	28.2	0.95	1	1	11.782322
Annual Permit 2_str	BOBJ1	286.88	After	Interior Girder 2	28.2	0.95	1	1	10.426326
Annual Permit 2_str	BOBJ1	286.88	After	Interior Girder 3	28.2	0.95	1	1	8.857419
Annual Permit 2_str	BOBJ1	286.88	After	Interior Girder 4	28.2	0.95	1	1	8.857419
Annual Permit 2_str	BOBJ1	286.88	After	Interior Girder 5	28.2	0.95	1	1	10.426326
Annual Permit 2_str	BOBJ1	286.88	After	Interior Girder 6	28.2	0.95	1	1	11.782322
Annual Permit 2_str	BOBJ1	286.88	After	Right Exterior Girder	28.2	0.95	1	1	23.235245
Annual Permit 2_str	BOBJ1	296.28	Before	Left Exterior Girder	37.6	0.95	1	1	23.629978
Annual Permit 2_str	BOBJ1	296.28	Before	Interior Girder 1	37.6	0.95	1	1	11.502744
Annual Permit 2_str	BOBJ1	296.28	Before	Interior Girder 2	37.6	0.95	1	1	10.178028
Annual Permit 2_str	BOBJ1	296.28	Before	Interior Girder 3	37.6	0.95	1	1	8.646297
Annual Permit 2_str	BOBJ1	296.28	Before	Interior Girder 4	37.6	0.95	1	1	8.646297
Annual Permit 2_str	BOBJ1	296.28	Before	Interior Girder 5	37.6	0.95	1	1	10.178028
Annual Permit 2_str	BOBJ1	296.28	Before	Interior Girder 6	37.6	0.95	1	1	11.502744
Annual Permit 2_str	BOBJ1	296.28	Before	Right Exterior Girder	37.6	0.95	1	1	23.629978
Annual Permit 2_str	BOBJ1	296.28	After	Left Exterior Girder	37.6	0.95	1	1	10.546138
Annual Permit 2_str	BOBJ1	296.28	After	Interior Girder 1	37.6	0.95	1	1	9.970247
Annual Permit 2_str	BOBJ1	296.28	After	Interior Girder 2	37.6	0.95	1	1	9.993134
Annual Permit 2_str	BOBJ1	296.28	After	Interior Girder 3	37.6	0.95	1	1	9.24131
Annual Permit 2_str	BOBJ1	296.28	After	Interior Girder 4	37.6	0.95	1	1	9.24131
Annual Permit 2_str	BOBJ1	296.28	After	Interior Girder 5	37.6	0.95	1	1	9.993134
Annual Permit 2_str	BOBJ1	296.28	After	Interior Girder 6	37.6	0.95	1	1	9.970247
Annual Permit 2_str	BOBJ1	296.28	After	Right Exterior Girder	37.6	0.95	1	1	10.546138
Annual Permit 2_str	BOBJ1	305.69	Before	Left Exterior Girder	47.01	0.95	1	1	10.365643
Annual Permit 2_str	BOBJ1	305.69	Before	Interior Girder 1	47.01	0.95	1	1	9.723061
Annual Permit 2_str	BOBJ1	305.69	Before	Interior Girder 2	47.01	0.95	1	1	9.746814
Annual Permit 2_str	BOBJ1	305.69	Before	Interior Girder 3	47.01	0.95	1	1	9.013041
Annual Permit 2_str	BOBJ1	305.69	Before	Interior Girder 4	47.01	0.95	1	1	9.013041
Annual Permit 2_str	BOBJ1	305.69	Before	Interior Girder 5	47.01	0.95	1	1	9.746814
Annual Permit 2_str	BOBJ1	305.69	Before	Interior Girder 6	47.01	0.95	1	1	9.723061
Annual Permit 2_str	BOBJ1	305.69	Before	Right Exterior Girder	47.01	0.95	1	1	10.365643
Annual Permit 2_str	BOBJ1	305.69	After	Left Exterior Girder	47.01	0.95	1	1	7.825867
Annual Permit 2_str	BOBJ1	305.69	After	Interior Girder 1	47.01	0.95	1	1	5.668247
Annual Permit 2_str	BOBJ1	305.69	After	Interior Girder 2	47.01	0.95	1	1	5.522371
Annual Permit 2_str	BOBJ1	305.69	After	Interior Girder 3	47.01	0.95	1	1	4.896263
Annual Permit 2_str	BOBJ1	305.69	After	Interior Girder 4	47.01	0.95	1	1	4.896263
Annual Permit 2_str	BOBJ1	305.69	After	Interior Girder 5	47.01	0.95	1	1	5.522371
Annual Permit 2_str	BOBJ1	305.69	After	Interior Girder 6	47.01	0.95	1	1	5.668247
Annual Permit 2_str	BOBJ1	305.69	After	Right Exterior Girder	47.01	0.95	1	1	7.825867
Annual Permit 2_str	BOBJ1	315.1	Before	Left Exterior Girder	56.42	0.95	1	1	7.684848
Annual Permit 2_str	BOBJ1	315.1	Before	Interior Girder 1	56.42	0.95	1	1	5.523161
Annual Permit 2_str	BOBJ1	315.1	Before	Interior Girder 2	56.42	0.95	1	1	5.381529
Annual Permit 2_str	BOBJ1	315.1	Before	Interior Girder 3	56.42	0.95	1	1	4.770963
Annual Permit 2_str	BOBJ1	315.1	Before	Interior Girder 4	56.42	0.95	1	1	4.770963
Annual Permit 2_str	BOBJ1	315.1	Before	Interior Girder 5	56.42	0.95	1	1	5.381529
Annual Permit 2_str	BOBJ1	315.1	Before	Interior Girder 6	56.42	0.95	1	1	5.523161
Annual Permit 2_str	BOBJ1	315.1	Before	Right Exterior Girder	56.42	0.95	1	1	7.684848
Overweight Permit_str	BOBJ1	0	After	Left Exterior Girder	0	0.95	1	1	8.538185
Overweight Permit_str	BOBJ1	0	After	Interior Girder 1	0	0.95	1	1	7.306772
Overweight Permit_str	BOBJ1	0	After	Interior Girder 2	0	0.95	1	1	7.33383
Overweight Permit_str	BOBJ1	0	After	Interior Girder 3	0	0.95	1	1	6.66827
Overweight Permit_str	BOBJ1	0	After	Interior Girder 4	0	0.95	1	1	6.66827
Overweight Permit_str	BOBJ1	0	After	Interior Girder 5	0	0.95	1	1	7.33383
Overweight Permit_str	BOBJ1	0	After	Interior Girder 6	0	0.95	1	1	7.306772
Overweight Permit_str	BOBJ1	0	After	Right Exterior Girder	0	0.95	1	1	8.538185
Overweight Permit_str	BOBJ1	9.4	Before	Left Exterior Girder	9.4	0.95	1	1	8.694496
Overweight Permit_str	BOBJ1	9.4	Before	Interior Girder 1	9.4	0.95	1	1	7.498535
Overweight Permit_str	BOBJ1	9.4	Before	Interior Girder 2	9.4	0.95	1	1	7.525533
Overweight Permit_str	BOBJ1	9.4	Before	Interior Girder 3	9.4	0.95	1	1	6.843134
Overweight Permit_str	BOBJ1	9.4	Before	Interior Girder 4	9.4	0.95	1	1	6.843134
Overweight Permit_str	BOBJ1	9.4	Before	Interior Girder 5	9.4	0.95	1	1	7.525533

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Approach, Span 7-11									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Overweight Permit_str	BOBJ1	9.4	Before	Interior Girder 6	9.4	0.95	1	1	7.498535
Overweight Permit_str	BOBJ1	9.4	Before	Right Exterior Girder	9.4	0.95	1	1	8.694496
Overweight Permit_str	BOBJ1	9.4	After	Left Exterior Girder	9.4	0.95	1	1	12.299182
Overweight Permit_str	BOBJ1	9.4	After	Interior Girder 1	9.4	0.95	1	1	12.935695
Overweight Permit_str	BOBJ1	9.4	After	Interior Girder 2	9.4	0.95	1	1	13.111187
Overweight Permit_str	BOBJ1	9.4	After	Interior Girder 3	9.4	0.95	1	1	12.543045
Overweight Permit_str	BOBJ1	9.4	After	Interior Girder 4	9.4	0.95	1	1	12.543045
Overweight Permit_str	BOBJ1	9.4	After	Interior Girder 5	9.4	0.95	1	1	13.111187
Overweight Permit_str	BOBJ1	9.4	After	Interior Girder 6	9.4	0.95	1	1	12.935695
Overweight Permit_str	BOBJ1	9.4	After	Right Exterior Girder	9.4	0.95	1	1	12.299182
Overweight Permit_str	BOBJ1	18.8	Before	Left Exterior Girder	18.8	0.95	1	1	12.512884
Overweight Permit_str	BOBJ1	18.8	Before	Interior Girder 1	18.8	0.95	1	1	13.264234
Overweight Permit_str	BOBJ1	18.8	Before	Interior Girder 2	18.8	0.95	1	1	13.442135
Overweight Permit_str	BOBJ1	18.8	Before	Interior Girder 3	18.8	0.95	1	1	12.860265
Overweight Permit_str	BOBJ1	18.8	Before	Interior Girder 4	18.8	0.95	1	1	12.860265
Overweight Permit_str	BOBJ1	18.8	Before	Interior Girder 5	18.8	0.95	1	1	13.442135
Overweight Permit_str	BOBJ1	18.8	Before	Interior Girder 6	18.8	0.95	1	1	13.264234
Overweight Permit_str	BOBJ1	18.8	Before	Right Exterior Girder	18.8	0.95	1	1	12.512884
Overweight Permit_str	BOBJ1	18.8	After	Left Exterior Girder	18.8	0.95	1	1	18.026258
Overweight Permit_str	BOBJ1	18.8	After	Interior Girder 1	18.8	0.95	1	1	14.163527
Overweight Permit_str	BOBJ1	18.8	After	Interior Girder 2	18.8	0.95	1	1	13.022782
Overweight Permit_str	BOBJ1	18.8	After	Interior Girder 3	18.8	0.95	1	1	11.595092
Overweight Permit_str	BOBJ1	18.8	After	Interior Girder 4	18.8	0.95	1	1	11.595092
Overweight Permit_str	BOBJ1	18.8	After	Interior Girder 5	18.8	0.95	1	1	13.022782
Overweight Permit_str	BOBJ1	18.8	After	Interior Girder 6	18.8	0.95	1	1	14.163527
Overweight Permit_str	BOBJ1	18.8	After	Right Exterior Girder	18.8	0.95	1	1	18.026258
Overweight Permit_str	BOBJ1	28.2	Before	Left Exterior Girder	28.2	0.95	1	1	17.724963
Overweight Permit_str	BOBJ1	28.2	Before	Interior Girder 1	28.2	0.95	1	1	14.50763
Overweight Permit_str	BOBJ1	28.2	Before	Interior Girder 2	28.2	0.95	1	1	13.340408
Overweight Permit_str	BOBJ1	28.2	Before	Interior Girder 3	28.2	0.95	1	1	11.878182
Overweight Permit_str	BOBJ1	28.2	Before	Interior Girder 4	28.2	0.95	1	1	11.878182
Overweight Permit_str	BOBJ1	28.2	Before	Interior Girder 5	28.2	0.95	1	1	13.340408
Overweight Permit_str	BOBJ1	28.2	Before	Interior Girder 6	28.2	0.95	1	1	14.50763
Overweight Permit_str	BOBJ1	28.2	Before	Right Exterior Girder	28.2	0.95	1	1	17.724963
Overweight Permit_str	BOBJ1	28.2	After	Left Exterior Girder	28.2	0.95	1	1	11.378706
Overweight Permit_str	BOBJ1	28.2	After	Interior Girder 1	28.2	0.95	1	1	9.023915
Overweight Permit_str	BOBJ1	28.2	After	Interior Girder 2	28.2	0.95	1	1	8.774157
Overweight Permit_str	BOBJ1	28.2	After	Interior Girder 3	28.2	0.95	1	1	8.03218
Overweight Permit_str	BOBJ1	28.2	After	Interior Girder 4	28.2	0.95	1	1	8.03218
Overweight Permit_str	BOBJ1	28.2	After	Interior Girder 5	28.2	0.95	1	1	8.774157
Overweight Permit_str	BOBJ1	28.2	After	Interior Girder 6	28.2	0.95	1	1	9.023915
Overweight Permit_str	BOBJ1	28.2	After	Right Exterior Girder	28.2	0.95	1	1	11.378706
Overweight Permit_str	BOBJ1	37.6	Before	Left Exterior Girder	37.6	0.95	1	1	11.178849
Overweight Permit_str	BOBJ1	37.6	Before	Interior Girder 1	37.6	0.95	1	1	8.797662
Overweight Permit_str	BOBJ1	37.6	Before	Interior Girder 2	37.6	0.95	1	1	8.5545
Overweight Permit_str	BOBJ1	37.6	Before	Interior Girder 3	37.6	0.95	1	1	7.831359
Overweight Permit_str	BOBJ1	37.6	Before	Interior Girder 4	37.6	0.95	1	1	7.831359
Overweight Permit_str	BOBJ1	37.6	Before	Interior Girder 5	37.6	0.95	1	1	8.5545
Overweight Permit_str	BOBJ1	37.6	Before	Interior Girder 6	37.6	0.95	1	1	8.797662
Overweight Permit_str	BOBJ1	37.6	Before	Right Exterior Girder	37.6	0.95	1	1	11.178849
Overweight Permit_str	BOBJ1	37.6	After	Left Exterior Girder	37.6	0.95	1	1	6.776249
Overweight Permit_str	BOBJ1	37.6	After	Interior Girder 1	37.6	0.95	1	1	8.015048
Overweight Permit_str	BOBJ1	37.6	After	Interior Girder 2	37.6	0.95	1	1	8.2645
Overweight Permit_str	BOBJ1	37.6	After	Interior Girder 3	37.6	0.95	1	1	7.39008
Overweight Permit_str	BOBJ1	37.6	After	Interior Girder 4	37.6	0.95	1	1	7.39008
Overweight Permit_str	BOBJ1	37.6	After	Interior Girder 5	37.6	0.95	1	1	8.2645
Overweight Permit_str	BOBJ1	37.6	After	Interior Girder 6	37.6	0.95	1	1	8.015048
Overweight Permit_str	BOBJ1	37.6	After	Right Exterior Girder	37.6	0.95	1	1	6.776249
Overweight Permit_str	BOBJ1	47.01	Before	Left Exterior Girder	47.01	0.95	1	1	6.650765
Overweight Permit_str	BOBJ1	47.01	Before	Interior Girder 1	47.01	0.95	1	1	7.80618
Overweight Permit_str	BOBJ1	47.01	Before	Interior Girder 2	47.01	0.95	1	1	8.051316
Overweight Permit_str	BOBJ1	47.01	Before	Interior Girder 3	47.01	0.95	1	1	7.196978
Overweight Permit_str	BOBJ1	47.01	Before	Interior Girder 4	47.01	0.95	1	1	7.196978
Overweight Permit_str	BOBJ1	47.01	Before	Interior Girder 5	47.01	0.95	1	1	8.051316
Overweight Permit_str	BOBJ1	47.01	Before	Interior Girder 6	47.01	0.95	1	1	7.80618

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Approach, Span 7-11									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Overweight Permit_str	BOBJ1	47.01	Before	Right Exterior Girder	47.01	0.95	1	1	6.650765
Overweight Permit_str	BOBJ1	47.01	After	Left Exterior Girder	47.01	0.95	1	1	5.1079
Overweight Permit_str	BOBJ1	47.01	After	Interior Girder 1	47.01	0.95	1	1	5.75539
Overweight Permit_str	BOBJ1	47.01	After	Interior Girder 2	47.01	0.95	1	1	5.419756
Overweight Permit_str	BOBJ1	47.01	After	Interior Girder 3	47.01	0.95	1	1	4.638042
Overweight Permit_str	BOBJ1	47.01	After	Interior Girder 4	47.01	0.95	1	1	4.638042
Overweight Permit_str	BOBJ1	47.01	After	Interior Girder 5	47.01	0.95	1	1	5.419756
Overweight Permit_str	BOBJ1	47.01	After	Interior Girder 6	47.01	0.95	1	1	5.75539
Overweight Permit_str	BOBJ1	47.01	After	Right Exterior Girder	47.01	0.95	1	1	5.1079
Overweight Permit_str	BOBJ1	49.42	Before	Left Exterior Girder	49.42	0.95	1	1	5.082256
Overweight Permit_str	BOBJ1	49.42	Before	Right Exterior Girder	49.42	0.95	1	1	5.082256
Overweight Permit_str	BOBJ1	49.42	After	Left Exterior Girder	49.42	0.95	1	1	4.662438
Overweight Permit_str	BOBJ1	49.42	After	Right Exterior Girder	49.42	0.95	1	1	4.662438
Overweight Permit_str	BOBJ1	51.92	Before	Interior Girder 1	51.92	0.95	1	1	5.267489
Overweight Permit_str	BOBJ1	51.92	Before	Interior Girder 2	51.92	0.95	1	1	5.344467
Overweight Permit_str	BOBJ1	51.92	Before	Interior Girder 3	51.92	0.95	1	1	4.572475
Overweight Permit_str	BOBJ1	51.92	Before	Interior Girder 4	51.92	0.95	1	1	4.572475
Overweight Permit_str	BOBJ1	51.92	Before	Interior Girder 5	51.92	0.95	1	1	5.344467
Overweight Permit_str	BOBJ1	51.92	Before	Interior Girder 6	51.92	0.95	1	1	5.267489
Overweight Permit_str	BOBJ1	51.92	After	Interior Girder 1	51.92	0.95	1	1	4.392298
Overweight Permit_str	BOBJ1	51.92	After	Interior Girder 2	51.92	0.95	1	1	4.370729
Overweight Permit_str	BOBJ1	51.92	After	Interior Girder 3	51.92	0.95	1	1	3.660877
Overweight Permit_str	BOBJ1	51.92	After	Interior Girder 4	51.92	0.95	1	1	3.660877
Overweight Permit_str	BOBJ1	51.92	After	Interior Girder 5	51.92	0.95	1	1	4.370729
Overweight Permit_str	BOBJ1	51.92	After	Interior Girder 6	51.92	0.95	1	1	4.392298
Overweight Permit_str	BOBJ1	56.42	Before	Left Exterior Girder	56.42	0.95	1	1	5.277061
Overweight Permit_str	BOBJ1	56.42	Before	Interior Girder 1	56.42	0.95	1	1	4.33354
Overweight Permit_str	BOBJ1	56.42	Before	Interior Girder 2	56.42	0.95	1	1	4.312828
Overweight Permit_str	BOBJ1	56.42	Before	Interior Girder 3	56.42	0.95	1	1	3.611268
Overweight Permit_str	BOBJ1	56.42	Before	Interior Girder 4	56.42	0.95	1	1	3.611268
Overweight Permit_str	BOBJ1	56.42	Before	Interior Girder 5	56.42	0.95	1	1	4.312828
Overweight Permit_str	BOBJ1	56.42	Before	Interior Girder 6	56.42	0.95	1	1	4.33354
Overweight Permit_str	BOBJ1	56.42	Before	Right Exterior Girder	56.42	0.95	1	1	5.277061
Overweight Permit_str	BOBJ1	56.42	After	Left Exterior Girder	0	0.95	1	1	5.215573
Overweight Permit_str	BOBJ1	56.42	After	Interior Girder 1	0	0.95	1	1	4.450428
Overweight Permit_str	BOBJ1	56.42	After	Interior Girder 2	0	0.95	1	1	4.469765
Overweight Permit_str	BOBJ1	56.42	After	Interior Girder 3	0	0.95	1	1	3.734183
Overweight Permit_str	BOBJ1	56.42	After	Interior Girder 4	0	0.95	1	1	3.734183
Overweight Permit_str	BOBJ1	56.42	After	Interior Girder 5	0	0.95	1	1	4.469765
Overweight Permit_str	BOBJ1	56.42	After	Interior Girder 6	0	0.95	1	1	4.450428
Overweight Permit_str	BOBJ1	56.42	After	Right Exterior Girder	0	0.95	1	1	5.215573
Overweight Permit_str	BOBJ1	60.92	Before	Interior Girder 1	4.5	0.95	1	1	4.510386
Overweight Permit_str	BOBJ1	60.92	Before	Interior Girder 2	4.5	0.95	1	1	4.529386
Overweight Permit_str	BOBJ1	60.92	Before	Interior Girder 3	4.5	0.95	1	1	3.785253
Overweight Permit_str	BOBJ1	60.92	Before	Interior Girder 4	4.5	0.95	1	1	3.785253
Overweight Permit_str	BOBJ1	60.92	Before	Interior Girder 5	4.5	0.95	1	1	4.529386
Overweight Permit_str	BOBJ1	60.92	Before	Interior Girder 6	4.5	0.95	1	1	4.510386
Overweight Permit_str	BOBJ1	60.92	After	Interior Girder 1	4.5	0.95	1	1	5.205312
Overweight Permit_str	BOBJ1	60.92	After	Interior Girder 2	4.5	0.95	1	1	5.325799
Overweight Permit_str	BOBJ1	60.92	After	Interior Girder 3	4.5	0.95	1	1	4.536872
Overweight Permit_str	BOBJ1	60.92	After	Interior Girder 4	4.5	0.95	1	1	4.536872
Overweight Permit_str	BOBJ1	60.92	After	Interior Girder 5	4.5	0.95	1	1	5.325799
Overweight Permit_str	BOBJ1	60.92	After	Interior Girder 6	4.5	0.95	1	1	5.205312
Overweight Permit_str	BOBJ1	63.42	Before	Left Exterior Girder	7	0.95	1	1	4.564751
Overweight Permit_str	BOBJ1	63.42	Before	Right Exterior Girder	7	0.95	1	1	4.564751
Overweight Permit_str	BOBJ1	63.42	After	Left Exterior Girder	7	0.95	1	1	4.847283
Overweight Permit_str	BOBJ1	63.42	After	Right Exterior Girder	7	0.95	1	1	4.847283
Overweight Permit_str	BOBJ1	64.845	Before	Left Exterior Girder	8.425	0.95	1	1	4.861712
Overweight Permit_str	BOBJ1	64.845	Before	Interior Girder 1	8.425	0.95	1	1	5.858967
Overweight Permit_str	BOBJ1	64.845	Before	Interior Girder 2	8.425	0.95	1	1	5.38541
Overweight Permit_str	BOBJ1	64.845	Before	Interior Girder 3	8.425	0.95	1	1	4.58869
Overweight Permit_str	BOBJ1	64.845	Before	Interior Girder 4	8.425	0.95	1	1	4.58869
Overweight Permit_str	BOBJ1	64.845	Before	Interior Girder 5	8.425	0.95	1	1	5.38541
Overweight Permit_str	BOBJ1	64.845	Before	Interior Girder 6	8.425	0.95	1	1	5.858967
Overweight Permit_str	BOBJ1	64.845	Before	Right Exterior Girder	8.425	0.95	1	1	4.861712

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Approach, Span 7-11									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Overweight Permit_str	BOBJ1	64.845	After	Left Exterior Girder	8.425	0.95	1	1	5.885183
Overweight Permit_str	BOBJ1	64.845	After	Interior Girder 1	8.425	0.95	1	1	6.478003
Overweight Permit_str	BOBJ1	64.845	After	Interior Girder 2	8.425	0.95	1	1	6.71968
Overweight Permit_str	BOBJ1	64.845	After	Interior Girder 3	8.425	0.95	1	1	5.854162
Overweight Permit_str	BOBJ1	64.845	After	Interior Girder 4	8.425	0.95	1	1	5.854162
Overweight Permit_str	BOBJ1	64.845	After	Interior Girder 5	8.425	0.95	1	1	6.71968
Overweight Permit_str	BOBJ1	64.845	After	Interior Girder 6	8.425	0.95	1	1	6.478003
Overweight Permit_str	BOBJ1	64.845	After	Right Exterior Girder	8.425	0.95	1	1	5.885183
Overweight Permit_str	BOBJ1	69.92	Before	Left Exterior Girder	13.5	0.95	1	1	5.945468
Overweight Permit_str	BOBJ1	69.92	Before	Interior Girder 1	13.5	0.95	1	1	6.571348
Overweight Permit_str	BOBJ1	69.92	Before	Interior Girder 2	13.5	0.95	1	1	6.815531
Overweight Permit_str	BOBJ1	69.92	Before	Interior Girder 3	13.5	0.95	1	1	5.93911
Overweight Permit_str	BOBJ1	69.92	Before	Interior Girder 4	13.5	0.95	1	1	5.93911
Overweight Permit_str	BOBJ1	69.92	Before	Interior Girder 5	13.5	0.95	1	1	6.815531
Overweight Permit_str	BOBJ1	69.92	Before	Interior Girder 6	13.5	0.95	1	1	6.571348
Overweight Permit_str	BOBJ1	69.92	Before	Right Exterior Girder	13.5	0.95	1	1	5.945468
Overweight Permit_str	BOBJ1	69.92	After	Left Exterior Girder	13.5	0.95	1	1	5.696313
Overweight Permit_str	BOBJ1	69.92	After	Interior Girder 1	13.5	0.95	1	1	7.029366
Overweight Permit_str	BOBJ1	69.92	After	Interior Girder 2	13.5	0.95	1	1	7.352218
Overweight Permit_str	BOBJ1	69.92	After	Interior Girder 3	13.5	0.95	1	1	6.464039
Overweight Permit_str	BOBJ1	69.92	After	Interior Girder 4	13.5	0.95	1	1	6.464039
Overweight Permit_str	BOBJ1	69.92	After	Interior Girder 5	13.5	0.95	1	1	7.352218
Overweight Permit_str	BOBJ1	69.92	After	Interior Girder 6	13.5	0.95	1	1	7.029366
Overweight Permit_str	BOBJ1	69.92	After	Right Exterior Girder	13.5	0.95	1	1	5.696313
Overweight Permit_str	BOBJ1	73.27	Before	Left Exterior Girder	16.85	0.95	1	1	5.737205
Overweight Permit_str	BOBJ1	73.27	Before	Interior Girder 1	16.85	0.95	1	1	7.097526
Overweight Permit_str	BOBJ1	73.27	Before	Interior Girder 2	16.85	0.95	1	1	7.42274
Overweight Permit_str	BOBJ1	73.27	Before	Interior Girder 3	16.85	0.95	1	1	6.527053
Overweight Permit_str	BOBJ1	73.27	Before	Interior Girder 4	16.85	0.95	1	1	6.527053
Overweight Permit_str	BOBJ1	73.27	Before	Interior Girder 5	16.85	0.95	1	1	7.42274
Overweight Permit_str	BOBJ1	73.27	Before	Interior Girder 6	16.85	0.95	1	1	7.097526
Overweight Permit_str	BOBJ1	73.27	Before	Right Exterior Girder	16.85	0.95	1	1	5.737205
Overweight Permit_str	BOBJ1	73.27	After	Left Exterior Girder	16.85	0.95	1	1	8.301607
Overweight Permit_str	BOBJ1	73.27	After	Interior Girder 1	16.85	0.95	1	1	7.594619
Overweight Permit_str	BOBJ1	73.27	After	Interior Girder 2	16.85	0.95	1	1	7.616746
Overweight Permit_str	BOBJ1	73.27	After	Interior Girder 3	16.85	0.95	1	1	7.002337
Overweight Permit_str	BOBJ1	73.27	After	Interior Girder 4	16.85	0.95	1	1	7.002337
Overweight Permit_str	BOBJ1	73.27	After	Interior Girder 5	16.85	0.95	1	1	7.616746
Overweight Permit_str	BOBJ1	73.27	After	Interior Girder 6	16.85	0.95	1	1	7.594619
Overweight Permit_str	BOBJ1	73.27	After	Right Exterior Girder	16.85	0.95	1	1	8.301607
Overweight Permit_str	BOBJ1	81.695	Before	Left Exterior Girder	25.275	0.95	1	1	8.446468
Overweight Permit_str	BOBJ1	81.695	Before	Interior Girder 1	25.275	0.95	1	1	7.776755
Overweight Permit_str	BOBJ1	81.695	Before	Interior Girder 2	25.275	0.95	1	1	7.798957
Overweight Permit_str	BOBJ1	81.695	Before	Interior Girder 3	25.275	0.95	1	1	7.169733
Overweight Permit_str	BOBJ1	81.695	Before	Interior Girder 4	25.275	0.95	1	1	7.169733
Overweight Permit_str	BOBJ1	81.695	Before	Interior Girder 5	25.275	0.95	1	1	7.798957
Overweight Permit_str	BOBJ1	81.695	Before	Interior Girder 6	25.275	0.95	1	1	7.776755
Overweight Permit_str	BOBJ1	81.695	Before	Right Exterior Girder	25.275	0.95	1	1	8.446468
Overweight Permit_str	BOBJ1	81.695	After	Left Exterior Girder	25.275	0.95	1	1	10.975376
Overweight Permit_str	BOBJ1	81.695	After	Interior Girder 1	25.275	0.95	1	1	11.87425
Overweight Permit_str	BOBJ1	81.695	After	Interior Girder 2	25.275	0.95	1	1	12.398886
Overweight Permit_str	BOBJ1	81.695	After	Interior Girder 3	25.275	0.95	1	1	11.222943
Overweight Permit_str	BOBJ1	81.695	After	Interior Girder 4	25.275	0.95	1	1	11.222943
Overweight Permit_str	BOBJ1	81.695	After	Interior Girder 5	25.275	0.95	1	1	12.398886
Overweight Permit_str	BOBJ1	81.695	After	Interior Girder 6	25.275	0.95	1	1	11.87425
Overweight Permit_str	BOBJ1	81.695	After	Right Exterior Girder	25.275	0.95	1	1	10.975376
Overweight Permit_str	BOBJ1	90.12	Before	Left Exterior Girder	33.7	0.95	1	1	11.157452
Overweight Permit_str	BOBJ1	90.12	Before	Interior Girder 1	33.7	0.95	1	1	12.150463
Overweight Permit_str	BOBJ1	90.12	Before	Interior Girder 2	33.7	0.95	1	1	12.147595
Overweight Permit_str	BOBJ1	90.12	Before	Interior Girder 3	33.7	0.95	1	1	10.977038
Overweight Permit_str	BOBJ1	90.12	Before	Interior Girder 4	33.7	0.95	1	1	10.977038
Overweight Permit_str	BOBJ1	90.12	Before	Interior Girder 5	33.7	0.95	1	1	12.147595
Overweight Permit_str	BOBJ1	90.12	Before	Interior Girder 6	33.7	0.95	1	1	12.150463
Overweight Permit_str	BOBJ1	90.12	Before	Right Exterior Girder	33.7	0.95	1	1	11.157452
Overweight Permit_str	BOBJ1	90.12	After	Left Exterior Girder	33.7	0.95	1	1	11.151886

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Approach, Span 7-11									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Overweight Permit_str	BOBJ1	90.12	After	Interior Girder 1	33.7	0.95	1	1	12.136771
Overweight Permit_str	BOBJ1	90.12	After	Interior Girder 2	33.7	0.95	1	1	12.212191
Overweight Permit_str	BOBJ1	90.12	After	Interior Girder 3	33.7	0.95	1	1	11.00565
Overweight Permit_str	BOBJ1	90.12	After	Interior Girder 4	33.7	0.95	1	1	11.00565
Overweight Permit_str	BOBJ1	90.12	After	Interior Girder 5	33.7	0.95	1	1	12.212191
Overweight Permit_str	BOBJ1	90.12	After	Interior Girder 6	33.7	0.95	1	1	12.136771
Overweight Permit_str	BOBJ1	90.12	After	Right Exterior Girder	33.7	0.95	1	1	11.151886
Overweight Permit_str	BOBJ1	98.545	Before	Left Exterior Girder	42.125	0.95	1	1	10.970464
Overweight Permit_str	BOBJ1	98.545	Before	Interior Girder 1	42.125	0.95	1	1	11.861256
Overweight Permit_str	BOBJ1	98.545	Before	Interior Girder 2	42.125	0.95	1	1	12.425474
Overweight Permit_str	BOBJ1	98.545	Before	Interior Girder 3	42.125	0.95	1	1	11.25236
Overweight Permit_str	BOBJ1	98.545	Before	Interior Girder 4	42.125	0.95	1	1	11.25236
Overweight Permit_str	BOBJ1	98.545	Before	Interior Girder 5	42.125	0.95	1	1	12.425474
Overweight Permit_str	BOBJ1	98.545	Before	Interior Girder 6	42.125	0.95	1	1	11.861256
Overweight Permit_str	BOBJ1	98.545	Before	Right Exterior Girder	42.125	0.95	1	1	10.970464
Overweight Permit_str	BOBJ1	98.545	After	Left Exterior Girder	42.125	0.95	1	1	8.474564
Overweight Permit_str	BOBJ1	98.545	After	Interior Girder 1	42.125	0.95	1	1	7.757554
Overweight Permit_str	BOBJ1	98.545	After	Interior Girder 2	42.125	0.95	1	1	7.795083
Overweight Permit_str	BOBJ1	98.545	After	Interior Girder 3	42.125	0.95	1	1	7.174278
Overweight Permit_str	BOBJ1	98.545	After	Interior Girder 4	42.125	0.95	1	1	7.174278
Overweight Permit_str	BOBJ1	98.545	After	Interior Girder 5	42.125	0.95	1	1	7.795083
Overweight Permit_str	BOBJ1	98.545	After	Interior Girder 6	42.125	0.95	1	1	7.757554
Overweight Permit_str	BOBJ1	98.545	After	Right Exterior Girder	42.125	0.95	1	1	8.474564
Overweight Permit_str	BOBJ1	106.97	Before	Left Exterior Girder	50.55	0.95	1	1	8.329706
Overweight Permit_str	BOBJ1	106.97	Before	Interior Girder 1	50.55	0.95	1	1	7.576114
Overweight Permit_str	BOBJ1	106.97	Before	Interior Girder 2	50.55	0.95	1	1	7.613097
Overweight Permit_str	BOBJ1	106.97	Before	Interior Girder 3	50.55	0.95	1	1	7.006899
Overweight Permit_str	BOBJ1	106.97	Before	Interior Girder 4	50.55	0.95	1	1	7.006899
Overweight Permit_str	BOBJ1	106.97	Before	Interior Girder 5	50.55	0.95	1	1	7.613097
Overweight Permit_str	BOBJ1	106.97	Before	Interior Girder 6	50.55	0.95	1	1	7.576114
Overweight Permit_str	BOBJ1	106.97	Before	Right Exterior Girder	50.55	0.95	1	1	8.329706
Overweight Permit_str	BOBJ1	106.97	After	Left Exterior Girder	50.55	0.95	1	1	5.677146
Overweight Permit_str	BOBJ1	106.97	After	Interior Girder 1	50.55	0.95	1	1	7.086457
Overweight Permit_str	BOBJ1	106.97	After	Interior Girder 2	50.55	0.95	1	1	7.54194
Overweight Permit_str	BOBJ1	106.97	After	Interior Girder 3	50.55	0.95	1	1	6.671427
Overweight Permit_str	BOBJ1	106.97	After	Interior Girder 4	50.55	0.95	1	1	6.671427
Overweight Permit_str	BOBJ1	106.97	After	Interior Girder 5	50.55	0.95	1	1	7.54194
Overweight Permit_str	BOBJ1	106.97	After	Interior Girder 6	50.55	0.95	1	1	7.086457
Overweight Permit_str	BOBJ1	106.97	After	Right Exterior Girder	50.55	0.95	1	1	5.677146
Overweight Permit_str	BOBJ1	115.405	Before	Left Exterior Girder	58.985	0.95	1	1	5.574716
Overweight Permit_str	BOBJ1	115.405	Before	Interior Girder 1	58.985	0.95	1	1	6.914629
Overweight Permit_str	BOBJ1	115.405	Before	Interior Girder 2	58.985	0.95	1	1	7.361146
Overweight Permit_str	BOBJ1	115.405	Before	Interior Girder 3	58.985	0.95	1	1	6.508962
Overweight Permit_str	BOBJ1	115.405	Before	Interior Girder 4	58.985	0.95	1	1	6.508962
Overweight Permit_str	BOBJ1	115.405	Before	Interior Girder 5	58.985	0.95	1	1	7.361146
Overweight Permit_str	BOBJ1	115.405	Before	Interior Girder 6	58.985	0.95	1	1	6.914629
Overweight Permit_str	BOBJ1	115.405	Before	Right Exterior Girder	58.985	0.95	1	1	5.574716
Overweight Permit_str	BOBJ1	115.405	After	Left Exterior Girder	58.985	0.95	1	1	3.548567
Overweight Permit_str	BOBJ1	115.405	After	Interior Girder 1	58.985	0.95	1	1	6.558013
Overweight Permit_str	BOBJ1	115.405	After	Interior Girder 2	58.985	0.95	1	1	5.130927
Overweight Permit_str	BOBJ1	115.405	After	Interior Girder 3	58.985	0.95	1	1	4.349862
Overweight Permit_str	BOBJ1	115.405	After	Interior Girder 4	58.985	0.95	1	1	4.349862
Overweight Permit_str	BOBJ1	115.405	After	Interior Girder 5	58.985	0.95	1	1	5.130927
Overweight Permit_str	BOBJ1	115.405	After	Interior Girder 6	58.985	0.95	1	1	6.558013
Overweight Permit_str	BOBJ1	115.405	After	Right Exterior Girder	58.985	0.95	1	1	3.548567
Overweight Permit_str	BOBJ1	116.34	Before	Left Exterior Girder	59.92	0.95	1	1	3.540787
Overweight Permit_str	BOBJ1	116.34	Before	Right Exterior Girder	59.92	0.95	1	1	3.540787
Overweight Permit_str	BOBJ1	116.34	After	Left Exterior Girder	59.92	0.95	1	1	3.371192
Overweight Permit_str	BOBJ1	116.34	After	Right Exterior Girder	59.92	0.95	1	1	3.371192
Overweight Permit_str	BOBJ1	118.84	Before	Interior Girder 1	62.42	0.95	1	1	4.918972
Overweight Permit_str	BOBJ1	118.84	Before	Interior Girder 2	62.42	0.95	1	1	5.079385
Overweight Permit_str	BOBJ1	118.84	Before	Interior Girder 3	62.42	0.95	1	1	4.305268
Overweight Permit_str	BOBJ1	118.84	Before	Interior Girder 4	62.42	0.95	1	1	4.305268
Overweight Permit_str	BOBJ1	118.84	Before	Interior Girder 5	62.42	0.95	1	1	5.079385
Overweight Permit_str	BOBJ1	118.84	Before	Interior Girder 6	62.42	0.95	1	1	4.918972

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Approach, Span 7-11									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Overweight Permit_str	BOBJ1	118.84	After	Interior Girder 1	62.42	0.95	1	1	4.316072
Overweight Permit_str	BOBJ1	118.84	After	Interior Girder 2	62.42	0.95	1	1	4.371563
Overweight Permit_str	BOBJ1	118.84	After	Interior Girder 3	62.42	0.95	1	1	3.653517
Overweight Permit_str	BOBJ1	118.84	After	Interior Girder 4	62.42	0.95	1	1	3.653517
Overweight Permit_str	BOBJ1	118.84	After	Interior Girder 5	62.42	0.95	1	1	4.371563
Overweight Permit_str	BOBJ1	118.84	After	Interior Girder 6	62.42	0.95	1	1	4.316072
Overweight Permit_str	BOBJ1	123.84	Before	Left Exterior Girder	67.42	0.95	1	1	4.557093
Overweight Permit_str	BOBJ1	123.84	Before	Interior Girder 1	67.42	0.95	1	1	4.24853
Overweight Permit_str	BOBJ1	123.84	Before	Interior Girder 2	67.42	0.95	1	1	4.303907
Overweight Permit_str	BOBJ1	123.84	Before	Interior Girder 3	67.42	0.95	1	1	3.595557
Overweight Permit_str	BOBJ1	123.84	Before	Interior Girder 4	67.42	0.95	1	1	3.595557
Overweight Permit_str	BOBJ1	123.84	Before	Interior Girder 5	67.42	0.95	1	1	4.303907
Overweight Permit_str	BOBJ1	123.84	Before	Interior Girder 6	67.42	0.95	1	1	4.24853
Overweight Permit_str	BOBJ1	123.84	Before	Right Exterior Girder	67.42	0.95	1	1	4.557093
Overweight Permit_str	BOBJ1	123.84	After	Left Exterior Girder	0	0.95	1	1	4.538389
Overweight Permit_str	BOBJ1	123.84	After	Interior Girder 1	0	0.95	1	1	4.238125
Overweight Permit_str	BOBJ1	123.84	After	Interior Girder 2	0	0.95	1	1	4.299822
Overweight Permit_str	BOBJ1	123.84	After	Interior Girder 3	0	0.95	1	1	3.592339
Overweight Permit_str	BOBJ1	123.84	After	Interior Girder 4	0	0.95	1	1	3.592339
Overweight Permit_str	BOBJ1	123.84	After	Interior Girder 5	0	0.95	1	1	4.299822
Overweight Permit_str	BOBJ1	123.84	After	Interior Girder 6	0	0.95	1	1	4.238125
Overweight Permit_str	BOBJ1	123.84	After	Right Exterior Girder	0	0.95	1	1	4.538389
Overweight Permit_str	BOBJ1	128.84	Before	Interior Girder 1	5	0.95	1	1	4.305562
Overweight Permit_str	BOBJ1	128.84	Before	Interior Girder 2	5	0.95	1	1	4.367458
Overweight Permit_str	BOBJ1	128.84	Before	Interior Girder 3	5	0.95	1	1	3.650282
Overweight Permit_str	BOBJ1	128.84	Before	Interior Girder 4	5	0.95	1	1	3.650282
Overweight Permit_str	BOBJ1	128.84	Before	Interior Girder 5	5	0.95	1	1	4.367458
Overweight Permit_str	BOBJ1	128.84	Before	Interior Girder 6	5	0.95	1	1	4.305562
Overweight Permit_str	BOBJ1	128.84	After	Interior Girder 1	5	0.95	1	1	4.902557
Overweight Permit_str	BOBJ1	128.84	After	Interior Girder 2	5	0.95	1	1	5.071879
Overweight Permit_str	BOBJ1	128.84	After	Interior Girder 3	5	0.95	1	1	4.299305
Overweight Permit_str	BOBJ1	128.84	After	Interior Girder 4	5	0.95	1	1	4.299305
Overweight Permit_str	BOBJ1	128.84	After	Interior Girder 5	5	0.95	1	1	5.071879
Overweight Permit_str	BOBJ1	128.84	After	Interior Girder 6	5	0.95	1	1	4.902557
Overweight Permit_str	BOBJ1	131.34	Before	Left Exterior Girder	7.5	0.95	1	1	3.353432
Overweight Permit_str	BOBJ1	131.34	Before	Right Exterior Girder	7.5	0.95	1	1	3.353432
Overweight Permit_str	BOBJ1	131.34	After	Left Exterior Girder	7.5	0.95	1	1	3.521085
Overweight Permit_str	BOBJ1	131.34	After	Right Exterior Girder	7.5	0.95	1	1	3.521085
Overweight Permit_str	BOBJ1	132.265	Before	Left Exterior Girder	8.425	0.95	1	1	3.528749
Overweight Permit_str	BOBJ1	132.265	Before	Interior Girder 1	8.425	0.95	1	1	6.555319
Overweight Permit_str	BOBJ1	132.265	Before	Interior Girder 2	8.425	0.95	1	1	5.123228
Overweight Permit_str	BOBJ1	132.265	Before	Interior Girder 3	8.425	0.95	1	1	4.343734
Overweight Permit_str	BOBJ1	132.265	Before	Interior Girder 4	8.425	0.95	1	1	4.343734
Overweight Permit_str	BOBJ1	132.265	Before	Interior Girder 5	8.425	0.95	1	1	5.123228
Overweight Permit_str	BOBJ1	132.265	Before	Interior Girder 6	8.425	0.95	1	1	6.555319
Overweight Permit_str	BOBJ1	132.265	Before	Right Exterior Girder	8.425	0.95	1	1	3.528749
Overweight Permit_str	BOBJ1	132.265	After	Left Exterior Girder	8.425	0.95	1	1	5.546947
Overweight Permit_str	BOBJ1	132.265	After	Interior Girder 1	8.425	0.95	1	1	6.878634
Overweight Permit_str	BOBJ1	132.265	After	Interior Girder 2	8.425	0.95	1	1	7.337834
Overweight Permit_str	BOBJ1	132.265	After	Interior Girder 3	8.425	0.95	1	1	6.493888
Overweight Permit_str	BOBJ1	132.265	After	Interior Girder 4	8.425	0.95	1	1	6.493888
Overweight Permit_str	BOBJ1	132.265	After	Interior Girder 5	8.425	0.95	1	1	7.337834
Overweight Permit_str	BOBJ1	132.265	After	Interior Girder 6	8.425	0.95	1	1	6.878634
Overweight Permit_str	BOBJ1	132.265	After	Right Exterior Girder	8.425	0.95	1	1	5.546947
Overweight Permit_str	BOBJ1	140.69	Before	Left Exterior Girder	16.85	0.95	1	1	5.64885
Overweight Permit_str	BOBJ1	140.69	Before	Interior Girder 1	16.85	0.95	1	1	7.049524
Overweight Permit_str	BOBJ1	140.69	Before	Interior Girder 2	16.85	0.95	1	1	7.517963
Overweight Permit_str	BOBJ1	140.69	Before	Interior Girder 3	16.85	0.95	1	1	6.655878
Overweight Permit_str	BOBJ1	140.69	Before	Interior Girder 4	16.85	0.95	1	1	6.655878
Overweight Permit_str	BOBJ1	140.69	Before	Interior Girder 5	16.85	0.95	1	1	7.517963
Overweight Permit_str	BOBJ1	140.69	Before	Interior Girder 6	16.85	0.95	1	1	7.049524
Overweight Permit_str	BOBJ1	140.69	Before	Right Exterior Girder	16.85	0.95	1	1	5.64885
Overweight Permit_str	BOBJ1	140.69	After	Left Exterior Girder	16.85	0.95	1	1	8.274685
Overweight Permit_str	BOBJ1	140.69	After	Interior Girder 1	16.85	0.95	1	1	7.537122
Overweight Permit_str	BOBJ1	140.69	After	Interior Girder 2	16.85	0.95	1	1	7.596124

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Approach, Span 7-11									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Overweight Permit_str	BOBJ1	140.69	After	Interior Girder 3	16.85	0.95	1	1	6.999149
Overweight Permit_str	BOBJ1	140.69	After	Interior Girder 4	16.85	0.95	1	1	6.999149
Overweight Permit_str	BOBJ1	140.69	After	Interior Girder 5	16.85	0.95	1	1	7.596124
Overweight Permit_str	BOBJ1	140.69	After	Interior Girder 6	16.85	0.95	1	1	7.537122
Overweight Permit_str	BOBJ1	140.69	After	Right Exterior Girder	16.85	0.95	1	1	8.274685
Overweight Permit_str	BOBJ1	149.115	Before	Left Exterior Girder	25.275	0.95	1	1	8.418762
Overweight Permit_str	BOBJ1	149.115	Before	Interior Girder 1	25.275	0.95	1	1	7.717811
Overweight Permit_str	BOBJ1	149.115	Before	Interior Girder 2	25.275	0.95	1	1	7.777821
Overweight Permit_str	BOBJ1	149.115	Before	Interior Girder 3	25.275	0.95	1	1	7.166401
Overweight Permit_str	BOBJ1	149.115	Before	Interior Girder 4	25.275	0.95	1	1	7.166401
Overweight Permit_str	BOBJ1	149.115	Before	Interior Girder 5	25.275	0.95	1	1	7.777821
Overweight Permit_str	BOBJ1	149.115	Before	Interior Girder 6	25.275	0.95	1	1	7.717811
Overweight Permit_str	BOBJ1	149.115	Before	Right Exterior Girder	25.275	0.95	1	1	8.418762
Overweight Permit_str	BOBJ1	149.115	After	Left Exterior Girder	25.275	0.95	1	1	10.906773
Overweight Permit_str	BOBJ1	149.115	After	Interior Girder 1	25.275	0.95	1	1	11.750465
Overweight Permit_str	BOBJ1	149.115	After	Interior Girder 2	25.275	0.95	1	1	12.362603
Overweight Permit_str	BOBJ1	149.115	After	Interior Girder 3	25.275	0.95	1	1	11.2371
Overweight Permit_str	BOBJ1	149.115	After	Interior Girder 4	25.275	0.95	1	1	11.2371
Overweight Permit_str	BOBJ1	149.115	After	Interior Girder 5	25.275	0.95	1	1	12.362603
Overweight Permit_str	BOBJ1	149.115	After	Interior Girder 6	25.275	0.95	1	1	11.750465
Overweight Permit_str	BOBJ1	149.115	After	Right Exterior Girder	25.275	0.95	1	1	10.906773
Overweight Permit_str	BOBJ1	157.54	Before	Left Exterior Girder	33.7	0.95	1	1	11.087353
Overweight Permit_str	BOBJ1	157.54	Before	Interior Girder 1	33.7	0.95	1	1	12.023677
Overweight Permit_str	BOBJ1	157.54	Before	Interior Girder 2	33.7	0.95	1	1	12.176998
Overweight Permit_str	BOBJ1	157.54	Before	Interior Girder 3	33.7	0.95	1	1	10.990799
Overweight Permit_str	BOBJ1	157.54	Before	Interior Girder 4	33.7	0.95	1	1	10.990799
Overweight Permit_str	BOBJ1	157.54	Before	Interior Girder 5	33.7	0.95	1	1	12.176998
Overweight Permit_str	BOBJ1	157.54	Before	Interior Girder 6	33.7	0.95	1	1	12.023677
Overweight Permit_str	BOBJ1	157.54	Before	Right Exterior Girder	33.7	0.95	1	1	11.087353
Overweight Permit_str	BOBJ1	157.54	After	Left Exterior Girder	33.7	0.95	1	1	11.100348
Overweight Permit_str	BOBJ1	157.54	After	Interior Girder 1	33.7	0.95	1	1	12.030468
Overweight Permit_str	BOBJ1	157.54	After	Interior Girder 2	33.7	0.95	1	1	12.17151
Overweight Permit_str	BOBJ1	157.54	After	Interior Girder 3	33.7	0.95	1	1	10.983748
Overweight Permit_str	BOBJ1	157.54	After	Interior Girder 4	33.7	0.95	1	1	10.983748
Overweight Permit_str	BOBJ1	157.54	After	Interior Girder 5	33.7	0.95	1	1	12.17151
Overweight Permit_str	BOBJ1	157.54	After	Interior Girder 6	33.7	0.95	1	1	12.030468
Overweight Permit_str	BOBJ1	157.54	After	Right Exterior Girder	33.7	0.95	1	1	11.100348
Overweight Permit_str	BOBJ1	165.965	Before	Left Exterior Girder	42.125	0.95	1	1	10.919568
Overweight Permit_str	BOBJ1	165.965	Before	Interior Girder 1	42.125	0.95	1	1	11.757107
Overweight Permit_str	BOBJ1	165.965	Before	Interior Girder 2	42.125	0.95	1	1	12.368253
Overweight Permit_str	BOBJ1	165.965	Before	Interior Girder 3	42.125	0.95	1	1	11.229901
Overweight Permit_str	BOBJ1	165.965	Before	Interior Girder 4	42.125	0.95	1	1	11.229901
Overweight Permit_str	BOBJ1	165.965	Before	Interior Girder 5	42.125	0.95	1	1	12.368253
Overweight Permit_str	BOBJ1	165.965	Before	Interior Girder 6	42.125	0.95	1	1	11.757107
Overweight Permit_str	BOBJ1	165.965	Before	Right Exterior Girder	42.125	0.95	1	1	10.919568
Overweight Permit_str	BOBJ1	165.965	After	Left Exterior Girder	42.125	0.95	1	1	8.427582
Overweight Permit_str	BOBJ1	165.965	After	Interior Girder 1	42.125	0.95	1	1	7.720787
Overweight Permit_str	BOBJ1	165.965	After	Interior Girder 2	42.125	0.95	1	1	7.780204
Overweight Permit_str	BOBJ1	165.965	After	Interior Girder 3	42.125	0.95	1	1	7.169705
Overweight Permit_str	BOBJ1	165.965	After	Interior Girder 4	42.125	0.95	1	1	7.169705
Overweight Permit_str	BOBJ1	165.965	After	Interior Girder 5	42.125	0.95	1	1	7.780204
Overweight Permit_str	BOBJ1	165.965	After	Interior Girder 6	42.125	0.95	1	1	7.720787
Overweight Permit_str	BOBJ1	165.965	After	Right Exterior Girder	42.125	0.95	1	1	8.427582
Overweight Permit_str	BOBJ1	174.39	Before	Left Exterior Girder	50.55	0.95	1	1	8.283366
Overweight Permit_str	BOBJ1	174.39	Before	Interior Girder 1	50.55	0.95	1	1	7.540032
Overweight Permit_str	BOBJ1	174.39	Before	Interior Girder 2	50.55	0.95	1	1	7.598455
Overweight Permit_str	BOBJ1	174.39	Before	Interior Girder 3	50.55	0.95	1	1	7.002385
Overweight Permit_str	BOBJ1	174.39	Before	Interior Girder 4	50.55	0.95	1	1	7.002385
Overweight Permit_str	BOBJ1	174.39	Before	Interior Girder 5	50.55	0.95	1	1	7.598455
Overweight Permit_str	BOBJ1	174.39	Before	Interior Girder 6	50.55	0.95	1	1	7.540032
Overweight Permit_str	BOBJ1	174.39	Before	Right Exterior Girder	50.55	0.95	1	1	8.283366
Overweight Permit_str	BOBJ1	174.39	After	Left Exterior Girder	50.55	0.95	1	1	5.653774
Overweight Permit_str	BOBJ1	174.39	After	Interior Girder 1	50.55	0.95	1	1	7.050596
Overweight Permit_str	BOBJ1	174.39	After	Interior Girder 2	50.55	0.95	1	1	7.518502
Overweight Permit_str	BOBJ1	174.39	After	Interior Girder 3	50.55	0.95	1	1	6.661538

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Approach, Span 7-11									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Overweight Permit_str	BOBJ1	174.39	After	Interior Girder 4	50.55	0.95	1	1	6.661538
Overweight Permit_str	BOBJ1	174.39	After	Interior Girder 5	50.55	0.95	1	1	7.518502
Overweight Permit_str	BOBJ1	174.39	After	Interior Girder 6	50.55	0.95	1	1	7.050596
Overweight Permit_str	BOBJ1	174.39	After	Right Exterior Girder	50.55	0.95	1	1	5.653774
Overweight Permit_str	BOBJ1	182.825	Before	Left Exterior Girder	58.985	0.95	1	1	5.551673
Overweight Permit_str	BOBJ1	182.825	Before	Interior Girder 1	58.985	0.95	1	1	6.879469
Overweight Permit_str	BOBJ1	182.825	Before	Interior Girder 2	58.985	0.95	1	1	7.338137
Overweight Permit_str	BOBJ1	182.825	Before	Interior Girder 3	58.985	0.95	1	1	6.499235
Overweight Permit_str	BOBJ1	182.825	Before	Interior Girder 4	58.985	0.95	1	1	6.499235
Overweight Permit_str	BOBJ1	182.825	Before	Interior Girder 5	58.985	0.95	1	1	7.338137
Overweight Permit_str	BOBJ1	182.825	Before	Interior Girder 6	58.985	0.95	1	1	6.879469
Overweight Permit_str	BOBJ1	182.825	Before	Right Exterior Girder	58.985	0.95	1	1	5.551673
Overweight Permit_str	BOBJ1	182.825	After	Left Exterior Girder	58.985	0.95	1	1	3.540835
Overweight Permit_str	BOBJ1	182.825	After	Interior Girder 1	58.985	0.95	1	1	6.534855
Overweight Permit_str	BOBJ1	182.825	After	Interior Girder 2	58.985	0.95	1	1	5.121446
Overweight Permit_str	BOBJ1	182.825	After	Interior Girder 3	58.985	0.95	1	1	4.34539
Overweight Permit_str	BOBJ1	182.825	After	Interior Girder 4	58.985	0.95	1	1	4.34539
Overweight Permit_str	BOBJ1	182.825	After	Interior Girder 5	58.985	0.95	1	1	5.121446
Overweight Permit_str	BOBJ1	182.825	After	Interior Girder 6	58.985	0.95	1	1	6.534855
Overweight Permit_str	BOBJ1	182.825	After	Right Exterior Girder	58.985	0.95	1	1	3.540835
Overweight Permit_str	BOBJ1	183.76	Before	Left Exterior Girder	59.92	0.95	1	1	3.533065
Overweight Permit_str	BOBJ1	183.76	Before	Right Exterior Girder	59.92	0.95	1	1	3.533065
Overweight Permit_str	BOBJ1	183.76	After	Left Exterior Girder	59.92	0.95	1	1	3.364017
Overweight Permit_str	BOBJ1	183.76	After	Right Exterior Girder	59.92	0.95	1	1	3.364017
Overweight Permit_str	BOBJ1	186.26	Before	Interior Girder 1	62.42	0.95	1	1	4.901588
Overweight Permit_str	BOBJ1	186.26	Before	Interior Girder 2	62.42	0.95	1	1	5.06996
Overweight Permit_str	BOBJ1	186.26	Before	Interior Girder 3	62.42	0.95	1	1	4.300819
Overweight Permit_str	BOBJ1	186.26	Before	Interior Girder 4	62.42	0.95	1	1	4.300819
Overweight Permit_str	BOBJ1	186.26	Before	Interior Girder 5	62.42	0.95	1	1	5.06996
Overweight Permit_str	BOBJ1	186.26	Before	Interior Girder 6	62.42	0.95	1	1	4.901588
Overweight Permit_str	BOBJ1	186.26	After	Interior Girder 1	62.42	0.95	1	1	4.302987
Overweight Permit_str	BOBJ1	186.26	After	Interior Girder 2	62.42	0.95	1	1	4.364243
Overweight Permit_str	BOBJ1	186.26	After	Interior Girder 3	62.42	0.95	1	1	3.6499
Overweight Permit_str	BOBJ1	186.26	After	Interior Girder 4	62.42	0.95	1	1	3.6499
Overweight Permit_str	BOBJ1	186.26	After	Interior Girder 5	62.42	0.95	1	1	4.364243
Overweight Permit_str	BOBJ1	186.26	After	Interior Girder 6	62.42	0.95	1	1	4.302987
Overweight Permit_str	BOBJ1	191.26	Before	Left Exterior Girder	67.42	0.95	1	1	4.54098
Overweight Permit_str	BOBJ1	191.26	Before	Interior Girder 1	67.42	0.95	1	1	4.235582
Overweight Permit_str	BOBJ1	191.26	Before	Interior Girder 2	67.42	0.95	1	1	4.296648
Overweight Permit_str	BOBJ1	191.26	Before	Interior Girder 3	67.42	0.95	1	1	3.591966
Overweight Permit_str	BOBJ1	191.26	Before	Interior Girder 4	67.42	0.95	1	1	3.591966
Overweight Permit_str	BOBJ1	191.26	Before	Interior Girder 5	67.42	0.95	1	1	4.296648
Overweight Permit_str	BOBJ1	191.26	Before	Interior Girder 6	67.42	0.95	1	1	4.235582
Overweight Permit_str	BOBJ1	191.26	Before	Right Exterior Girder	67.42	0.95	1	1	4.54098
Overweight Permit_str	BOBJ1	191.26	After	Left Exterior Girder	0	0.95	1	1	4.553104
Overweight Permit_str	BOBJ1	191.26	After	Interior Girder 1	0	0.95	1	1	4.250301
Overweight Permit_str	BOBJ1	191.26	After	Interior Girder 2	0	0.95	1	1	4.306564
Overweight Permit_str	BOBJ1	191.26	After	Interior Girder 3	0	0.95	1	1	3.595519
Overweight Permit_str	BOBJ1	191.26	After	Interior Girder 4	0	0.95	1	1	3.595519
Overweight Permit_str	BOBJ1	191.26	After	Interior Girder 5	0	0.95	1	1	4.306564
Overweight Permit_str	BOBJ1	191.26	After	Interior Girder 6	0	0.95	1	1	4.250301
Overweight Permit_str	BOBJ1	191.26	After	Right Exterior Girder	0	0.95	1	1	4.553104
Overweight Permit_str	BOBJ1	196.26	Before	Interior Girder 1	5	0.95	1	1	4.317873
Overweight Permit_str	BOBJ1	196.26	Before	Interior Girder 2	5	0.95	1	1	4.374261
Overweight Permit_str	BOBJ1	196.26	Before	Interior Girder 3	5	0.95	1	1	3.653489
Overweight Permit_str	BOBJ1	196.26	Before	Interior Girder 4	5	0.95	1	1	3.653489
Overweight Permit_str	BOBJ1	196.26	Before	Interior Girder 5	5	0.95	1	1	4.374261
Overweight Permit_str	BOBJ1	196.26	Before	Interior Girder 6	5	0.95	1	1	4.317873
Overweight Permit_str	BOBJ1	196.26	After	Interior Girder 1	5	0.95	1	1	4.919065
Overweight Permit_str	BOBJ1	196.26	After	Interior Girder 2	5	0.95	1	1	5.080706
Overweight Permit_str	BOBJ1	196.26	After	Interior Girder 3	5	0.95	1	1	4.30328
Overweight Permit_str	BOBJ1	196.26	After	Interior Girder 4	5	0.95	1	1	4.30328
Overweight Permit_str	BOBJ1	196.26	After	Interior Girder 5	5	0.95	1	1	5.080706
Overweight Permit_str	BOBJ1	196.26	After	Interior Girder 6	5	0.95	1	1	4.919065
Overweight Permit_str	BOBJ1	198.76	Before	Left Exterior Girder	7.5	0.95	1	1	3.359097

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Approach, Span 7-11									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Overweight Permit_str	BOBJ1	198.76	Before	Right Exterior Girder	7.5	0.95	1	1	3.359097
Overweight Permit_str	BOBJ1	198.76	After	Left Exterior Girder	7.5	0.95	1	1	3.52724
Overweight Permit_str	BOBJ1	198.76	After	Right Exterior Girder	7.5	0.95	1	1	3.52724
Overweight Permit_str	BOBJ1	199.685	Before	Left Exterior Girder	8.425	0.95	1	1	3.534915
Overweight Permit_str	BOBJ1	199.685	Before	Interior Girder 1	8.425	0.95	1	1	6.578188
Overweight Permit_str	BOBJ1	199.685	Before	Interior Girder 2	8.425	0.95	1	1	5.132112
Overweight Permit_str	BOBJ1	199.685	Before	Interior Girder 3	8.425	0.95	1	1	4.347732
Overweight Permit_str	BOBJ1	199.685	Before	Interior Girder 4	8.425	0.95	1	1	4.347732
Overweight Permit_str	BOBJ1	199.685	Before	Interior Girder 5	8.425	0.95	1	1	5.132112
Overweight Permit_str	BOBJ1	199.685	Before	Interior Girder 6	8.425	0.95	1	1	6.578188
Overweight Permit_str	BOBJ1	199.685	Before	Right Exterior Girder	8.425	0.95	1	1	3.534915
Overweight Permit_str	BOBJ1	199.685	After	Left Exterior Girder	8.425	0.95	1	1	5.568426
Overweight Permit_str	BOBJ1	199.685	After	Interior Girder 1	8.425	0.95	1	1	6.912493
Overweight Permit_str	BOBJ1	199.685	After	Interior Girder 2	8.425	0.95	1	1	7.359921
Overweight Permit_str	BOBJ1	199.685	After	Interior Girder 3	8.425	0.95	1	1	6.502894
Overweight Permit_str	BOBJ1	199.685	After	Interior Girder 4	8.425	0.95	1	1	6.502894
Overweight Permit_str	BOBJ1	199.685	After	Interior Girder 5	8.425	0.95	1	1	7.359921
Overweight Permit_str	BOBJ1	199.685	After	Interior Girder 6	8.425	0.95	1	1	6.912493
Overweight Permit_str	BOBJ1	199.685	After	Right Exterior Girder	8.425	0.95	1	1	5.568426
Overweight Permit_str	BOBJ1	208.11	Before	Left Exterior Girder	16.85	0.95	1	1	5.670657
Overweight Permit_str	BOBJ1	208.11	Before	Interior Girder 1	16.85	0.95	1	1	7.084081
Overweight Permit_str	BOBJ1	208.11	Before	Interior Girder 2	16.85	0.95	1	1	7.540478
Overweight Permit_str	BOBJ1	208.11	Before	Interior Girder 3	16.85	0.95	1	1	6.665046
Overweight Permit_str	BOBJ1	208.11	Before	Interior Girder 4	16.85	0.95	1	1	6.665046
Overweight Permit_str	BOBJ1	208.11	Before	Interior Girder 5	16.85	0.95	1	1	7.540478
Overweight Permit_str	BOBJ1	208.11	Before	Interior Girder 6	16.85	0.95	1	1	7.084081
Overweight Permit_str	BOBJ1	208.11	Before	Right Exterior Girder	16.85	0.95	1	1	5.670657
Overweight Permit_str	BOBJ1	208.11	After	Left Exterior Girder	16.85	0.95	1	1	8.318737
Overweight Permit_str	BOBJ1	208.11	After	Interior Girder 1	16.85	0.95	1	1	7.571736
Overweight Permit_str	BOBJ1	208.11	After	Interior Girder 2	16.85	0.95	1	1	7.609843
Overweight Permit_str	BOBJ1	208.11	After	Interior Girder 3	16.85	0.95	1	1	7.003046
Overweight Permit_str	BOBJ1	208.11	After	Interior Girder 4	16.85	0.95	1	1	7.003046
Overweight Permit_str	BOBJ1	208.11	After	Interior Girder 5	16.85	0.95	1	1	7.609843
Overweight Permit_str	BOBJ1	208.11	After	Interior Girder 6	16.85	0.95	1	1	7.571736
Overweight Permit_str	BOBJ1	208.11	After	Right Exterior Girder	16.85	0.95	1	1	8.318737
Overweight Permit_str	BOBJ1	216.535	Before	Left Exterior Girder	25.275	0.95	1	1	8.463453
Overweight Permit_str	BOBJ1	216.535	Before	Interior Girder 1	25.275	0.95	1	1	7.753107
Overweight Permit_str	BOBJ1	216.535	Before	Interior Girder 2	25.275	0.95	1	1	7.791776
Overweight Permit_str	BOBJ1	216.535	Before	Interior Girder 3	25.275	0.95	1	1	7.170356
Overweight Permit_str	BOBJ1	216.535	Before	Interior Girder 4	25.275	0.95	1	1	7.170356
Overweight Permit_str	BOBJ1	216.535	Before	Interior Girder 5	25.275	0.95	1	1	7.791776
Overweight Permit_str	BOBJ1	216.535	Before	Interior Girder 6	25.275	0.95	1	1	7.753107
Overweight Permit_str	BOBJ1	216.535	Before	Right Exterior Girder	25.275	0.95	1	1	8.463453
Overweight Permit_str	BOBJ1	216.535	After	Left Exterior Girder	25.275	0.95	1	1	10.954834
Overweight Permit_str	BOBJ1	216.535	After	Interior Girder 1	25.275	0.95	1	1	11.852197
Overweight Permit_str	BOBJ1	216.535	After	Interior Girder 2	25.275	0.95	1	1	12.418367
Overweight Permit_str	BOBJ1	216.535	After	Interior Girder 3	25.275	0.95	1	1	11.260261
Overweight Permit_str	BOBJ1	216.535	After	Interior Girder 4	25.275	0.95	1	1	11.260261
Overweight Permit_str	BOBJ1	216.535	After	Interior Girder 5	25.275	0.95	1	1	12.418367
Overweight Permit_str	BOBJ1	216.535	After	Interior Girder 6	25.275	0.95	1	1	11.852197
Overweight Permit_str	BOBJ1	216.535	After	Right Exterior Girder	25.275	0.95	1	1	10.954834
Overweight Permit_str	BOBJ1	224.96	Before	Left Exterior Girder	33.7	0.95	1	1	11.136054
Overweight Permit_str	BOBJ1	224.96	Before	Interior Girder 1	33.7	0.95	1	1	12.127555
Overweight Permit_str	BOBJ1	224.96	Before	Interior Girder 2	33.7	0.95	1	1	12.21891
Overweight Permit_str	BOBJ1	224.96	Before	Interior Girder 3	33.7	0.95	1	1	11.013407
Overweight Permit_str	BOBJ1	224.96	Before	Interior Girder 4	33.7	0.95	1	1	11.013407
Overweight Permit_str	BOBJ1	224.96	Before	Interior Girder 5	33.7	0.95	1	1	12.21891
Overweight Permit_str	BOBJ1	224.96	Before	Interior Girder 6	33.7	0.95	1	1	12.127555
Overweight Permit_str	BOBJ1	224.96	Before	Right Exterior Girder	33.7	0.95	1	1	11.136054
Overweight Permit_str	BOBJ1	224.96	After	Left Exterior Girder	33.7	0.95	1	1	11.172857
Overweight Permit_str	BOBJ1	224.96	After	Interior Girder 1	33.7	0.95	1	1	12.159031
Overweight Permit_str	BOBJ1	224.96	After	Interior Girder 2	33.7	0.95	1	1	12.141362
Overweight Permit_str	BOBJ1	224.96	After	Interior Girder 3	33.7	0.95	1	1	10.969365
Overweight Permit_str	BOBJ1	224.96	After	Interior Girder 4	33.7	0.95	1	1	10.969365
Overweight Permit_str	BOBJ1	224.96	After	Interior Girder 5	33.7	0.95	1	1	12.141362

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Approach, Span 7-11									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Overweight Permit_str	BOBJ1	224.96	After	Interior Girder 6	33.7	0.95	1	1	12.159031
Overweight Permit_str	BOBJ1	224.96	After	Right Exterior Girder	33.7	0.95	1	1	11.172857
Overweight Permit_str	BOBJ1	233.385	Before	Left Exterior Girder	42.125	0.95	1	1	10.990594
Overweight Permit_str	BOBJ1	233.385	Before	Interior Girder 1	42.125	0.95	1	1	11.882673
Overweight Permit_str	BOBJ1	233.385	Before	Interior Girder 2	42.125	0.95	1	1	12.405291
Overweight Permit_str	BOBJ1	233.385	Before	Interior Girder 3	42.125	0.95	1	1	11.215123
Overweight Permit_str	BOBJ1	233.385	Before	Interior Girder 4	42.125	0.95	1	1	11.215123
Overweight Permit_str	BOBJ1	233.385	Before	Interior Girder 5	42.125	0.95	1	1	12.405291
Overweight Permit_str	BOBJ1	233.385	Before	Interior Girder 6	42.125	0.95	1	1	11.882673
Overweight Permit_str	BOBJ1	233.385	Before	Right Exterior Girder	42.125	0.95	1	1	10.990594
Overweight Permit_str	BOBJ1	233.385	After	Left Exterior Girder	42.125	0.95	1	1	8.457457
Overweight Permit_str	BOBJ1	233.385	After	Interior Girder 1	42.125	0.95	1	1	7.780949
Overweight Permit_str	BOBJ1	233.385	After	Interior Girder 2	42.125	0.95	1	1	7.801894
Overweight Permit_str	BOBJ1	233.385	After	Interior Girder 3	42.125	0.95	1	1	7.173391
Overweight Permit_str	BOBJ1	233.385	After	Interior Girder 4	42.125	0.95	1	1	7.173391
Overweight Permit_str	BOBJ1	233.385	After	Interior Girder 5	42.125	0.95	1	1	7.801894
Overweight Permit_str	BOBJ1	233.385	After	Interior Girder 6	42.125	0.95	1	1	7.780949
Overweight Permit_str	BOBJ1	233.385	After	Right Exterior Girder	42.125	0.95	1	1	8.457457
Overweight Permit_str	BOBJ1	241.81	Before	Left Exterior Girder	50.55	0.95	1	1	8.312464
Overweight Permit_str	BOBJ1	241.81	Before	Interior Girder 1	50.55	0.95	1	1	7.598748
Overweight Permit_str	BOBJ1	241.81	Before	Interior Girder 2	50.55	0.95	1	1	7.619635
Overweight Permit_str	BOBJ1	241.81	Before	Interior Girder 3	50.55	0.95	1	1	7.005928
Overweight Permit_str	BOBJ1	241.81	Before	Interior Girder 4	50.55	0.95	1	1	7.005928
Overweight Permit_str	BOBJ1	241.81	Before	Interior Girder 5	50.55	0.95	1	1	7.619635
Overweight Permit_str	BOBJ1	241.81	Before	Interior Girder 6	50.55	0.95	1	1	7.598748
Overweight Permit_str	BOBJ1	241.81	Before	Right Exterior Girder	50.55	0.95	1	1	8.312464
Overweight Permit_str	BOBJ1	241.81	After	Left Exterior Girder	50.55	0.95	1	1	5.74495
Overweight Permit_str	BOBJ1	241.81	After	Interior Girder 1	50.55	0.95	1	1	7.100272
Overweight Permit_str	BOBJ1	241.81	After	Interior Girder 2	50.55	0.95	1	1	7.424817
Overweight Permit_str	BOBJ1	241.81	After	Interior Girder 3	50.55	0.95	1	1	6.534158
Overweight Permit_str	BOBJ1	241.81	After	Interior Girder 4	50.55	0.95	1	1	6.534158
Overweight Permit_str	BOBJ1	241.81	After	Interior Girder 5	50.55	0.95	1	1	7.424817
Overweight Permit_str	BOBJ1	241.81	After	Interior Girder 6	50.55	0.95	1	1	7.100272
Overweight Permit_str	BOBJ1	241.81	After	Right Exterior Girder	50.55	0.95	1	1	5.74495
Overweight Permit_str	BOBJ1	245.18	Before	Left Exterior Girder	53.92	0.95	1	1	5.70378
Overweight Permit_str	BOBJ1	245.18	Before	Interior Girder 1	53.92	0.95	1	1	7.031682
Overweight Permit_str	BOBJ1	245.18	Before	Interior Girder 2	53.92	0.95	1	1	7.353854
Overweight Permit_str	BOBJ1	245.18	Before	Interior Girder 3	53.92	0.95	1	1	6.470711
Overweight Permit_str	BOBJ1	245.18	Before	Interior Girder 4	53.92	0.95	1	1	6.470711
Overweight Permit_str	BOBJ1	245.18	Before	Interior Girder 5	53.92	0.95	1	1	7.353854
Overweight Permit_str	BOBJ1	245.18	Before	Interior Girder 6	53.92	0.95	1	1	7.031682
Overweight Permit_str	BOBJ1	245.18	Before	Right Exterior Girder	53.92	0.95	1	1	5.70378
Overweight Permit_str	BOBJ1	245.18	After	Left Exterior Girder	53.92	0.95	1	1	5.950141
Overweight Permit_str	BOBJ1	245.18	After	Interior Girder 1	53.92	0.95	1	1	6.568099
Overweight Permit_str	BOBJ1	245.18	After	Interior Girder 2	53.92	0.95	1	1	6.810467
Overweight Permit_str	BOBJ1	245.18	After	Interior Girder 3	53.92	0.95	1	1	5.938642
Overweight Permit_str	BOBJ1	245.18	After	Interior Girder 4	53.92	0.95	1	1	5.938642
Overweight Permit_str	BOBJ1	245.18	After	Interior Girder 5	53.92	0.95	1	1	6.810467
Overweight Permit_str	BOBJ1	245.18	After	Interior Girder 6	53.92	0.95	1	1	6.568099
Overweight Permit_str	BOBJ1	245.18	After	Right Exterior Girder	53.92	0.95	1	1	5.950141
Overweight Permit_str	BOBJ1	250.245	Before	Left Exterior Girder	58.985	0.95	1	1	5.889952
Overweight Permit_str	BOBJ1	250.245	Before	Interior Girder 1	58.985	0.95	1	1	6.474984
Overweight Permit_str	BOBJ1	250.245	Before	Interior Girder 2	58.985	0.95	1	1	6.71487
Overweight Permit_str	BOBJ1	250.245	Before	Interior Girder 3	58.985	0.95	1	1	5.853877
Overweight Permit_str	BOBJ1	250.245	Before	Interior Girder 4	58.985	0.95	1	1	5.853877
Overweight Permit_str	BOBJ1	250.245	Before	Interior Girder 5	58.985	0.95	1	1	6.71487
Overweight Permit_str	BOBJ1	250.245	Before	Interior Girder 6	58.985	0.95	1	1	6.474984
Overweight Permit_str	BOBJ1	250.245	Before	Right Exterior Girder	58.985	0.95	1	1	5.889952
Overweight Permit_str	BOBJ1	250.245	After	Left Exterior Girder	58.985	0.95	1	1	4.871949
Overweight Permit_str	BOBJ1	250.245	After	Interior Girder 1	58.985	0.95	1	1	5.852577
Overweight Permit_str	BOBJ1	250.245	After	Interior Girder 2	58.985	0.95	1	1	5.383779
Overweight Permit_str	BOBJ1	250.245	After	Interior Girder 3	58.985	0.95	1	1	4.590616
Overweight Permit_str	BOBJ1	250.245	After	Interior Girder 4	58.985	0.95	1	1	4.590616
Overweight Permit_str	BOBJ1	250.245	After	Interior Girder 5	58.985	0.95	1	1	5.383779
Overweight Permit_str	BOBJ1	250.245	After	Interior Girder 6	58.985	0.95	1	1	5.852577

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Approach, Span 7-11									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Overweight Permit_str	BOBJ1	250.245	After	Right Exterior Girder	58.985	0.95	1	1	4.871949
Overweight Permit_str	BOBJ1	251.68	Before	Left Exterior Girder	60.42	0.95	1	1	4.857397
Overweight Permit_str	BOBJ1	251.68	Before	Right Exterior Girder	60.42	0.95	1	1	4.857397
Overweight Permit_str	BOBJ1	251.68	After	Left Exterior Girder	60.42	0.95	1	1	4.573916
Overweight Permit_str	BOBJ1	251.68	After	Right Exterior Girder	60.42	0.95	1	1	4.573916
Overweight Permit_str	BOBJ1	254.18	Before	Interior Girder 1	62.92	0.95	1	1	5.204855
Overweight Permit_str	BOBJ1	254.18	Before	Interior Girder 2	62.92	0.95	1	1	5.324031
Overweight Permit_str	BOBJ1	254.18	Before	Interior Girder 3	62.92	0.95	1	1	4.538651
Overweight Permit_str	BOBJ1	254.18	Before	Interior Girder 4	62.92	0.95	1	1	4.538651
Overweight Permit_str	BOBJ1	254.18	Before	Interior Girder 5	62.92	0.95	1	1	5.324031
Overweight Permit_str	BOBJ1	254.18	Before	Interior Girder 6	62.92	0.95	1	1	5.204855
Overweight Permit_str	BOBJ1	254.18	After	Interior Girder 1	62.92	0.95	1	1	4.508296
Overweight Permit_str	BOBJ1	254.18	After	Interior Girder 2	62.92	0.95	1	1	4.526418
Overweight Permit_str	BOBJ1	254.18	After	Interior Girder 3	62.92	0.95	1	1	3.78518
Overweight Permit_str	BOBJ1	254.18	After	Interior Girder 4	62.92	0.95	1	1	3.78518
Overweight Permit_str	BOBJ1	254.18	After	Interior Girder 5	62.92	0.95	1	1	4.526418
Overweight Permit_str	BOBJ1	254.18	After	Interior Girder 6	62.92	0.95	1	1	4.508296
Overweight Permit_str	BOBJ1	258.68	Before	Left Exterior Girder	67.42	0.95	1	1	5.22017
Overweight Permit_str	BOBJ1	258.68	Before	Interior Girder 1	67.42	0.95	1	1	4.448365
Overweight Permit_str	BOBJ1	258.68	Before	Interior Girder 2	67.42	0.95	1	1	4.466832
Overweight Permit_str	BOBJ1	258.68	Before	Interior Girder 3	67.42	0.95	1	1	3.734117
Overweight Permit_str	BOBJ1	258.68	Before	Interior Girder 4	67.42	0.95	1	1	3.734117
Overweight Permit_str	BOBJ1	258.68	Before	Interior Girder 5	67.42	0.95	1	1	4.466832
Overweight Permit_str	BOBJ1	258.68	Before	Interior Girder 6	67.42	0.95	1	1	4.448365
Overweight Permit_str	BOBJ1	258.68	Before	Right Exterior Girder	67.42	0.95	1	1	5.22017
Overweight Permit_str	BOBJ1	258.68	After	Left Exterior Girder	0	0.95	1	1	5.277337
Overweight Permit_str	BOBJ1	258.68	After	Interior Girder 1	0	0.95	1	1	4.33822
Overweight Permit_str	BOBJ1	258.68	After	Interior Girder 2	0	0.95	1	1	4.316837
Overweight Permit_str	BOBJ1	258.68	After	Interior Girder 3	0	0.95	1	1	3.612072
Overweight Permit_str	BOBJ1	258.68	After	Interior Girder 4	0	0.95	1	1	3.612072
Overweight Permit_str	BOBJ1	258.68	After	Interior Girder 5	0	0.95	1	1	4.316837
Overweight Permit_str	BOBJ1	258.68	After	Interior Girder 6	0	0.95	1	1	4.33822
Overweight Permit_str	BOBJ1	258.68	After	Right Exterior Girder	0	0.95	1	1	5.277337
Overweight Permit_str	BOBJ1	263.18	Before	Interior Girder 1	4.5	0.95	1	1	4.396999
Overweight Permit_str	BOBJ1	263.18	Before	Interior Girder 2	4.5	0.95	1	1	4.374765
Overweight Permit_str	BOBJ1	263.18	Before	Interior Girder 3	4.5	0.95	1	1	3.661684
Overweight Permit_str	BOBJ1	263.18	Before	Interior Girder 4	4.5	0.95	1	1	3.661684
Overweight Permit_str	BOBJ1	263.18	Before	Interior Girder 5	4.5	0.95	1	1	4.374765
Overweight Permit_str	BOBJ1	263.18	Before	Interior Girder 6	4.5	0.95	1	1	4.396999
Overweight Permit_str	BOBJ1	263.18	After	Interior Girder 1	4.5	0.95	1	1	5.271587
Overweight Permit_str	BOBJ1	263.18	After	Interior Girder 2	4.5	0.95	1	1	5.348103
Overweight Permit_str	BOBJ1	263.18	After	Interior Girder 3	4.5	0.95	1	1	4.571916
Overweight Permit_str	BOBJ1	263.18	After	Interior Girder 4	4.5	0.95	1	1	4.571916
Overweight Permit_str	BOBJ1	263.18	After	Interior Girder 5	4.5	0.95	1	1	5.348103
Overweight Permit_str	BOBJ1	263.18	After	Interior Girder 6	4.5	0.95	1	1	5.271587
Overweight Permit_str	BOBJ1	265.68	Before	Left Exterior Girder	7	0.95	1	1	4.661055
Overweight Permit_str	BOBJ1	265.68	Before	Right Exterior Girder	7	0.95	1	1	4.661055
Overweight Permit_str	BOBJ1	265.68	After	Left Exterior Girder	7	0.95	1	1	5.079228
Overweight Permit_str	BOBJ1	265.68	After	Right Exterior Girder	7	0.95	1	1	5.079228
Overweight Permit_str	BOBJ1	268.08	Before	Left Exterior Girder	9.4	0.95	1	1	5.10474
Overweight Permit_str	BOBJ1	268.08	Before	Interior Girder 1	9.4	0.95	1	1	5.762812
Overweight Permit_str	BOBJ1	268.08	Before	Interior Girder 2	9.4	0.95	1	1	5.423256
Overweight Permit_str	BOBJ1	268.08	Before	Interior Girder 3	9.4	0.95	1	1	4.637332
Overweight Permit_str	BOBJ1	268.08	Before	Interior Girder 4	9.4	0.95	1	1	4.637332
Overweight Permit_str	BOBJ1	268.08	Before	Interior Girder 5	9.4	0.95	1	1	5.423256
Overweight Permit_str	BOBJ1	268.08	Before	Interior Girder 6	9.4	0.95	1	1	5.762812
Overweight Permit_str	BOBJ1	268.08	Before	Right Exterior Girder	9.4	0.95	1	1	5.10474
Overweight Permit_str	BOBJ1	268.08	After	Left Exterior Girder	9.4	0.95	1	1	6.648102
Overweight Permit_str	BOBJ1	268.08	After	Interior Girder 1	9.4	0.95	1	1	7.80915
Overweight Permit_str	BOBJ1	268.08	After	Interior Girder 2	9.4	0.95	1	1	8.052748
Overweight Permit_str	BOBJ1	268.08	After	Interior Girder 3	9.4	0.95	1	1	7.192145
Overweight Permit_str	BOBJ1	268.08	After	Interior Girder 4	9.4	0.95	1	1	7.192145
Overweight Permit_str	BOBJ1	268.08	After	Interior Girder 5	9.4	0.95	1	1	8.052748
Overweight Permit_str	BOBJ1	268.08	After	Interior Girder 6	9.4	0.95	1	1	7.80915
Overweight Permit_str	BOBJ1	268.08	After	Right Exterior Girder	9.4	0.95	1	1	6.648102

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Approach, Span 7-11									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Overweight Permit_str	BOBJ1	277.48	Before	Left Exterior Girder	18.8	0.95	1	1	6.773347
Overweight Permit_str	BOBJ1	277.48	Before	Interior Girder 1	18.8	0.95	1	1	8.017736
Overweight Permit_str	BOBJ1	277.48	Before	Interior Girder 2	18.8	0.95	1	1	8.265658
Overweight Permit_str	BOBJ1	277.48	Before	Interior Girder 3	18.8	0.95	1	1	7.38489
Overweight Permit_str	BOBJ1	277.48	Before	Interior Girder 4	18.8	0.95	1	1	7.38489
Overweight Permit_str	BOBJ1	277.48	Before	Interior Girder 5	18.8	0.95	1	1	8.265658
Overweight Permit_str	BOBJ1	277.48	Before	Interior Girder 6	18.8	0.95	1	1	8.017736
Overweight Permit_str	BOBJ1	277.48	Before	Right Exterior Girder	18.8	0.95	1	1	6.773347
Overweight Permit_str	BOBJ1	277.48	After	Left Exterior Girder	18.8	0.95	1	1	11.170251
Overweight Permit_str	BOBJ1	277.48	After	Interior Girder 1	18.8	0.95	1	1	8.797665
Overweight Permit_str	BOBJ1	277.48	After	Interior Girder 2	18.8	0.95	1	1	8.55328
Overweight Permit_str	BOBJ1	277.48	After	Interior Girder 3	18.8	0.95	1	1	7.828037
Overweight Permit_str	BOBJ1	277.48	After	Interior Girder 4	18.8	0.95	1	1	7.828037
Overweight Permit_str	BOBJ1	277.48	After	Interior Girder 5	18.8	0.95	1	1	8.55328
Overweight Permit_str	BOBJ1	277.48	After	Interior Girder 6	18.8	0.95	1	1	8.797665
Overweight Permit_str	BOBJ1	277.48	After	Right Exterior Girder	18.8	0.95	1	1	11.170251
Overweight Permit_str	BOBJ1	286.88	Before	Left Exterior Girder	28.2	0.95	1	1	11.369835
Overweight Permit_str	BOBJ1	286.88	Before	Interior Girder 1	28.2	0.95	1	1	9.023814
Overweight Permit_str	BOBJ1	286.88	Before	Interior Girder 2	28.2	0.95	1	1	8.772852
Overweight Permit_str	BOBJ1	286.88	Before	Interior Girder 3	28.2	0.95	1	1	8.02875
Overweight Permit_str	BOBJ1	286.88	Before	Interior Girder 4	28.2	0.95	1	1	8.02875
Overweight Permit_str	BOBJ1	286.88	Before	Interior Girder 5	28.2	0.95	1	1	8.772852
Overweight Permit_str	BOBJ1	286.88	Before	Interior Girder 6	28.2	0.95	1	1	9.023814
Overweight Permit_str	BOBJ1	286.88	Before	Right Exterior Girder	28.2	0.95	1	1	11.369835
Overweight Permit_str	BOBJ1	286.88	After	Left Exterior Girder	28.2	0.95	1	1	17.7055
Overweight Permit_str	BOBJ1	286.88	After	Interior Girder 1	28.2	0.95	1	1	14.508364
Overweight Permit_str	BOBJ1	286.88	After	Interior Girder 2	28.2	0.95	1	1	13.342903
Overweight Permit_str	BOBJ1	286.88	After	Interior Girder 3	28.2	0.95	1	1	11.883749
Overweight Permit_str	BOBJ1	286.88	After	Interior Girder 4	28.2	0.95	1	1	11.883749
Overweight Permit_str	BOBJ1	286.88	After	Interior Girder 5	28.2	0.95	1	1	13.342903
Overweight Permit_str	BOBJ1	286.88	After	Interior Girder 6	28.2	0.95	1	1	14.508364
Overweight Permit_str	BOBJ1	286.88	After	Right Exterior Girder	28.2	0.95	1	1	17.7055
Overweight Permit_str	BOBJ1	296.28	Before	Left Exterior Girder	37.6	0.95	1	1	18.006291
Overweight Permit_str	BOBJ1	296.28	Before	Interior Girder 1	37.6	0.95	1	1	14.164101
Overweight Permit_str	BOBJ1	296.28	Before	Interior Girder 2	37.6	0.95	1	1	13.025148
Overweight Permit_str	BOBJ1	296.28	Before	Interior Girder 3	37.6	0.95	1	1	11.600493
Overweight Permit_str	BOBJ1	296.28	Before	Interior Girder 4	37.6	0.95	1	1	11.600493
Overweight Permit_str	BOBJ1	296.28	Before	Interior Girder 5	37.6	0.95	1	1	13.025148
Overweight Permit_str	BOBJ1	296.28	Before	Interior Girder 6	37.6	0.95	1	1	14.164101
Overweight Permit_str	BOBJ1	296.28	Before	Right Exterior Girder	37.6	0.95	1	1	18.006291
Overweight Permit_str	BOBJ1	296.28	After	Left Exterior Girder	37.6	0.95	1	1	12.51669
Overweight Permit_str	BOBJ1	296.28	After	Interior Girder 1	37.6	0.95	1	1	13.272368
Overweight Permit_str	BOBJ1	296.28	After	Interior Girder 2	37.6	0.95	1	1	13.449441
Overweight Permit_str	BOBJ1	296.28	After	Interior Girder 3	37.6	0.95	1	1	12.871319
Overweight Permit_str	BOBJ1	296.28	After	Interior Girder 4	37.6	0.95	1	1	12.871319
Overweight Permit_str	BOBJ1	296.28	After	Interior Girder 5	37.6	0.95	1	1	13.449441
Overweight Permit_str	BOBJ1	296.28	After	Interior Girder 6	37.6	0.95	1	1	13.272368
Overweight Permit_str	BOBJ1	296.28	After	Right Exterior Girder	37.6	0.95	1	1	12.51669
Overweight Permit_str	BOBJ1	305.69	Before	Left Exterior Girder	47.01	0.95	1	1	12.30247
Overweight Permit_str	BOBJ1	305.69	Before	Interior Girder 1	47.01	0.95	1	1	12.943315
Overweight Permit_str	BOBJ1	305.69	Before	Interior Girder 2	47.01	0.95	1	1	13.117928
Overweight Permit_str	BOBJ1	305.69	Before	Interior Girder 3	47.01	0.95	1	1	12.553386
Overweight Permit_str	BOBJ1	305.69	Before	Interior Girder 4	47.01	0.95	1	1	12.553386
Overweight Permit_str	BOBJ1	305.69	Before	Interior Girder 5	47.01	0.95	1	1	13.117928
Overweight Permit_str	BOBJ1	305.69	Before	Interior Girder 6	47.01	0.95	1	1	12.943315
Overweight Permit_str	BOBJ1	305.69	Before	Right Exterior Girder	47.01	0.95	1	1	12.30247
Overweight Permit_str	BOBJ1	305.69	After	Left Exterior Girder	47.01	0.95	1	1	8.689151
Overweight Permit_str	BOBJ1	305.69	After	Interior Girder 1	47.01	0.95	1	1	7.499255
Overweight Permit_str	BOBJ1	305.69	After	Interior Girder 2	47.01	0.95	1	1	7.524675
Overweight Permit_str	BOBJ1	305.69	After	Interior Girder 3	47.01	0.95	1	1	6.843559
Overweight Permit_str	BOBJ1	305.69	After	Interior Girder 4	47.01	0.95	1	1	6.843559
Overweight Permit_str	BOBJ1	305.69	After	Interior Girder 5	47.01	0.95	1	1	7.524675
Overweight Permit_str	BOBJ1	305.69	After	Interior Girder 6	47.01	0.95	1	1	7.499255
Overweight Permit_str	BOBJ1	305.69	After	Right Exterior Girder	47.01	0.95	1	1	8.689151
Overweight Permit_str	BOBJ1	315.1	Before	Left Exterior Girder	56.42	0.95	1	1	8.532577

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Approach, Span 7-11

Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Overweight Permit_str	BOBJ1	315.1	Before	Interior Girder 1	56.42	0.95	1	1	7.307303
Overweight Permit_str	BOBJ1	315.1	Before	Interior Girder 2	56.42	0.95	1	1	7.332766
Overweight Permit_str	BOBJ1	315.1	Before	Interior Girder 3	56.42	0.95	1	1	6.668427
Overweight Permit_str	BOBJ1	315.1	Before	Interior Girder 4	56.42	0.95	1	1	6.668427
Overweight Permit_str	BOBJ1	315.1	Before	Interior Girder 5	56.42	0.95	1	1	7.332766
Overweight Permit_str	BOBJ1	315.1	Before	Interior Girder 6	56.42	0.95	1	1	7.307303
Overweight Permit_str	BOBJ1	315.1	Before	Right Exterior Girder	56.42	0.95	1	1	8.532577

TABLE: Bridge Super Rating AASHTORATE18 31 - SteelICompServ-Flx - Approach, Span 7-11										
Request	BridgeObj	BridgeCut	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	Unitless	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
HL93_serv_opr	BOBJ1	1	0	After	Left Exterior Girder	0	0.95	1	1	309.197306
HL93_serv_opr	BOBJ1	1	0	After	Interior Girder 1	0	0.95	1	1	371.568112
HL93_serv_opr	BOBJ1	1	0	After	Interior Girder 2	0	0.95	1	1	219.542113
HL93_serv_opr	BOBJ1	1	0	After	Interior Girder 3	0	0.95	1	1	153.125773
HL93_serv_opr	BOBJ1	1	0	After	Interior Girder 4	0	0.95	1	1	153.125772
HL93_serv_opr	BOBJ1	1	0	After	Interior Girder 5	0	0.95	1	1	219.542112
HL93_serv_opr	BOBJ1	1	0	After	Interior Girder 6	0	0.95	1	1	371.568117
HL93_serv_opr	BOBJ1	1	0	After	Right Exterior Girder	0	0.95	1	1	309.197306
HL93_serv_opr	BOBJ1	2	9.4	Before	Left Exterior Girder	9.4	0.95	1	1	5.855543
HL93_serv_opr	BOBJ1	2	9.4	Before	Interior Girder 1	9.4	0.95	1	1	4.238087
HL93_serv_opr	BOBJ1	2	9.4	Before	Interior Girder 2	9.4	0.95	1	1	4.010311
HL93_serv_opr	BOBJ1	2	9.4	Before	Interior Girder 3	9.4	0.95	1	1	3.793158
HL93_serv_opr	BOBJ1	2	9.4	Before	Interior Girder 4	9.4	0.95	1	1	3.793158
HL93_serv_opr	BOBJ1	2	9.4	Before	Interior Girder 5	9.4	0.95	1	1	4.010311
HL93_serv_opr	BOBJ1	2	9.4	Before	Interior Girder 6	9.4	0.95	1	1	4.238087
HL93_serv_opr	BOBJ1	2	9.4	Before	Right Exterior Girder	9.4	0.95	1	1	5.855543
HL93_serv_opr	BOBJ1	3	9.4	After	Left Exterior Girder	9.4	0.95	1	1	5.872212
HL93_serv_opr	BOBJ1	3	9.4	After	Interior Girder 1	9.4	0.95	1	1	4.222159
HL93_serv_opr	BOBJ1	3	9.4	After	Interior Girder 2	9.4	0.95	1	1	4.08509
HL93_serv_opr	BOBJ1	3	9.4	After	Interior Girder 3	9.4	0.95	1	1	3.920428
HL93_serv_opr	BOBJ1	3	9.4	After	Interior Girder 4	9.4	0.95	1	1	3.920428
HL93_serv_opr	BOBJ1	3	9.4	After	Interior Girder 5	9.4	0.95	1	1	4.08509
HL93_serv_opr	BOBJ1	3	9.4	After	Interior Girder 6	9.4	0.95	1	1	4.222159
HL93_serv_opr	BOBJ1	3	9.4	After	Right Exterior Girder	9.4	0.95	1	1	5.872212
HL93_serv_opr	BOBJ1	4	18.8	Before	Left Exterior Girder	18.8	0.95	1	1	3.307672
HL93_serv_opr	BOBJ1	4	18.8	Before	Interior Girder 1	18.8	0.95	1	1	3.114461
HL93_serv_opr	BOBJ1	4	18.8	Before	Interior Girder 2	18.8	0.95	1	1	2.949286
HL93_serv_opr	BOBJ1	4	18.8	Before	Interior Girder 3	18.8	0.95	1	1	2.932574
HL93_serv_opr	BOBJ1	4	18.8	Before	Interior Girder 4	18.8	0.95	1	1	2.932574
HL93_serv_opr	BOBJ1	4	18.8	Before	Interior Girder 5	18.8	0.95	1	1	2.949286
HL93_serv_opr	BOBJ1	4	18.8	Before	Interior Girder 6	18.8	0.95	1	1	3.114461
HL93_serv_opr	BOBJ1	4	18.8	Before	Right Exterior Girder	18.8	0.95	1	1	3.307672
HL93_serv_opr	BOBJ1	5	18.8	After	Left Exterior Girder	18.8	0.95	1	1	3.34415
HL93_serv_opr	BOBJ1	5	18.8	After	Interior Girder 1	18.8	0.95	1	1	3.086503
HL93_serv_opr	BOBJ1	5	18.8	After	Interior Girder 2	18.8	0.95	1	1	2.954531
HL93_serv_opr	BOBJ1	5	18.8	After	Interior Girder 3	18.8	0.95	1	1	2.956374
HL93_serv_opr	BOBJ1	5	18.8	After	Interior Girder 4	18.8	0.95	1	1	2.956374
HL93_serv_opr	BOBJ1	5	18.8	After	Interior Girder 5	18.8	0.95	1	1	2.954531
HL93_serv_opr	BOBJ1	5	18.8	After	Interior Girder 6	18.8	0.95	1	1	3.086503
HL93_serv_opr	BOBJ1	5	18.8	After	Right Exterior Girder	18.8	0.95	1	1	3.34415
HL93_serv_opr	BOBJ1	6	28.2	Before	Left Exterior Girder	28.2	0.95	1	1	3.582111
HL93_serv_opr	BOBJ1	6	28.2	Before	Interior Girder 1	28.2	0.95	1	1	2.917294
HL93_serv_opr	BOBJ1	6	28.2	Before	Interior Girder 2	28.2	0.95	1	1	2.828629
HL93_serv_opr	BOBJ1	6	28.2	Before	Interior Girder 3	28.2	0.95	1	1	2.76768
HL93_serv_opr	BOBJ1	6	28.2	Before	Interior Girder 4	28.2	0.95	1	1	2.76768
HL93_serv_opr	BOBJ1	6	28.2	Before	Interior Girder 5	28.2	0.95	1	1	2.828629
HL93_serv_opr	BOBJ1	6	28.2	Before	Interior Girder 6	28.2	0.95	1	1	2.917294
HL93_serv_opr	BOBJ1	6	28.2	Before	Right Exterior Girder	28.2	0.95	1	1	3.582111
HL93_serv_opr	BOBJ1	7	28.2	After	Left Exterior Girder	28.2	0.95	1	1	3.571737
HL93_serv_opr	BOBJ1	7	28.2	After	Interior Girder 1	28.2	0.95	1	1	2.920204
HL93_serv_opr	BOBJ1	7	28.2	After	Interior Girder 2	28.2	0.95	1	1	2.820752
HL93_serv_opr	BOBJ1	7	28.2	After	Interior Girder 3	28.2	0.95	1	1	2.750639
HL93_serv_opr	BOBJ1	7	28.2	After	Interior Girder 4	28.2	0.95	1	1	2.750639
HL93_serv_opr	BOBJ1	7	28.2	After	Interior Girder 5	28.2	0.95	1	1	2.820752
HL93_serv_opr	BOBJ1	7	28.2	After	Interior Girder 6	28.2	0.95	1	1	2.920204
HL93_serv_opr	BOBJ1	7	28.2	After	Right Exterior Girder	28.2	0.95	1	1	3.571737
HL93_serv_opr	BOBJ1	8	37.6	Before	Left Exterior Girder	37.6	0.95	1	1	4.94636
HL93_serv_opr	BOBJ1	8	37.6	Before	Interior Girder 1	37.6	0.95	1	1	4.370621
HL93_serv_opr	BOBJ1	8	37.6	Before	Interior Girder 2	37.6	0.95	1	1	4.117205
HL93_serv_opr	BOBJ1	8	37.6	Before	Interior Girder 3	37.6	0.95	1	1	4.10115
HL93_serv_opr	BOBJ1	8	37.6	Before	Interior Girder 4	37.6	0.95	1	1	4.10115
HL93_serv_opr	BOBJ1	8	37.6	Before	Interior Girder 5	37.6	0.95	1	1	4.117205
HL93_serv_opr	BOBJ1	8	37.6	Before	Interior Girder 6	37.6	0.95	1	1	4.370621
HL93_serv_opr	BOBJ1	8	37.6	Before	Right Exterior Girder	37.6	0.95	1	1	4.94636
HL93_serv_opr	BOBJ1	9	37.6	After	Left Exterior Girder	37.6	0.95	1	1	4.856934
HL93_serv_opr	BOBJ1	9	37.6	After	Interior Girder 1	37.6	0.95	1	1	4.43689
HL93_serv_opr	BOBJ1	9	37.6	After	Interior Girder 2	37.6	0.95	1	1	4.107236
HL93_serv_opr	BOBJ1	9	37.6	After	Interior Girder 3	37.6	0.95	1	1	4.042575
HL93_serv_opr	BOBJ1	9	37.6	After	Interior Girder 4	37.6	0.95	1	1	4.042575
HL93_serv_opr	BOBJ1	9	37.6	After	Interior Girder 5	37.6	0.95	1	1	4.107236
HL93_serv_opr	BOBJ1	9	37.6	After	Interior Girder 6	37.6	0.95	1	1	4.43689
HL93_serv_opr	BOBJ1	9	37.6	After	Right Exterior Girder	37.6	0.95	1	1	4.856934
HL93_serv_opr	BOBJ1	10	47.01	Before	Left Exterior Girder	47.01	0.95	1	1	4.192125

TABLE: Bridge Super Rating AASHTORATE18 31 - SteelICompServ-Flx - Approach, Span 7-11										
Request	BridgeObj	BridgeCut	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	Unitless	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
HL93_serv_opr	BOBJ1	10	47.01	Before	Interior Girder 1	47.01	0.95	1	1	4.240748
HL93_serv_opr	BOBJ1	10	47.01	Before	Interior Girder 2	47.01	0.95	1	1	4.148703
HL93_serv_opr	BOBJ1	10	47.01	Before	Interior Girder 3	47.01	0.95	1	1	4.098269
HL93_serv_opr	BOBJ1	10	47.01	Before	Interior Girder 4	47.01	0.95	1	1	4.098269
HL93_serv_opr	BOBJ1	10	47.01	Before	Interior Girder 5	47.01	0.95	1	1	4.148703
HL93_serv_opr	BOBJ1	10	47.01	Before	Interior Girder 6	47.01	0.95	1	1	4.240748
HL93_serv_opr	BOBJ1	10	47.01	Before	Right Exterior Girder	47.01	0.95	1	1	4.192125
HL93_serv_opr	BOBJ1	11	47.01	After	Left Exterior Girder	47.01	0.95	1	1	4.285081
HL93_serv_opr	BOBJ1	11	47.01	After	Interior Girder 1	47.01	0.95	1	1	4.18036
HL93_serv_opr	BOBJ1	11	47.01	After	Interior Girder 2	47.01	0.95	1	1	4.115142
HL93_serv_opr	BOBJ1	11	47.01	After	Interior Girder 3	47.01	0.95	1	1	4.099764
HL93_serv_opr	BOBJ1	11	47.01	After	Interior Girder 4	47.01	0.95	1	1	4.099764
HL93_serv_opr	BOBJ1	11	47.01	After	Interior Girder 5	47.01	0.95	1	1	4.115142
HL93_serv_opr	BOBJ1	11	47.01	After	Interior Girder 6	47.01	0.95	1	1	4.18036
HL93_serv_opr	BOBJ1	11	47.01	After	Right Exterior Girder	47.01	0.95	1	1	4.285081
HL93_serv_opr	BOBJ1	12	49.42	Before	Left Exterior Girder	49.42	0.95	1	1	3.582291
HL93_serv_opr	BOBJ1	12	49.42	Before	Right Exterior Girder	49.42	0.95	1	1	3.582291
HL93_serv_opr	BOBJ1	13	49.42	After	Left Exterior Girder	49.42	0.95	1	1	6.19279
HL93_serv_opr	BOBJ1	13	49.42	After	Right Exterior Girder	49.42	0.95	1	1	6.19279
HL93_serv_opr	BOBJ1	14	51.92	Before	Interior Girder 1	51.92	0.95	1	1	3.100767
HL93_serv_opr	BOBJ1	14	51.92	Before	Interior Girder 2	51.92	0.95	1	1	3.041297
HL93_serv_opr	BOBJ1	14	51.92	Before	Interior Girder 3	51.92	0.95	1	1	2.849134
HL93_serv_opr	BOBJ1	14	51.92	Before	Interior Girder 4	51.92	0.95	1	1	2.849134
HL93_serv_opr	BOBJ1	14	51.92	Before	Interior Girder 5	51.92	0.95	1	1	3.041297
HL93_serv_opr	BOBJ1	14	51.92	Before	Interior Girder 6	51.92	0.95	1	1	3.100767
HL93_serv_opr	BOBJ1	15	51.92	After	Interior Girder 1	51.92	0.95	1	1	3.792571
HL93_serv_opr	BOBJ1	15	51.92	After	Interior Girder 2	51.92	0.95	1	1	3.660208
HL93_serv_opr	BOBJ1	15	51.92	After	Interior Girder 3	51.92	0.95	1	1	3.45812
HL93_serv_opr	BOBJ1	15	51.92	After	Interior Girder 4	51.92	0.95	1	1	3.45812
HL93_serv_opr	BOBJ1	15	51.92	After	Interior Girder 5	51.92	0.95	1	1	3.660208
HL93_serv_opr	BOBJ1	15	51.92	After	Interior Girder 6	51.92	0.95	1	1	3.792571
HL93_serv_opr	BOBJ1	16	56.42	Before	Left Exterior Girder	56.42	0.95	1	1	4.007525
HL93_serv_opr	BOBJ1	16	56.42	Before	Interior Girder 1	56.42	0.95	1	1	2.65015
HL93_serv_opr	BOBJ1	16	56.42	Before	Interior Girder 2	56.42	0.95	1	1	2.573194
HL93_serv_opr	BOBJ1	16	56.42	Before	Interior Girder 3	56.42	0.95	1	1	2.168575
HL93_serv_opr	BOBJ1	16	56.42	Before	Interior Girder 4	56.42	0.95	1	1	2.168575
HL93_serv_opr	BOBJ1	16	56.42	Before	Interior Girder 5	56.42	0.95	1	1	2.573194
HL93_serv_opr	BOBJ1	16	56.42	Before	Interior Girder 6	56.42	0.95	1	1	2.65015
HL93_serv_opr	BOBJ1	16	56.42	Before	Right Exterior Girder	56.42	0.95	1	1	4.007525
HL93_serv_opr	BOBJ1	17	56.42	After	Left Exterior Girder	0	0.95	1	1	3.931299
HL93_serv_opr	BOBJ1	17	56.42	After	Interior Girder 1	0	0.95	1	1	2.585991
HL93_serv_opr	BOBJ1	17	56.42	After	Interior Girder 2	0	0.95	1	1	2.5161
HL93_serv_opr	BOBJ1	17	56.42	After	Interior Girder 3	0	0.95	1	1	2.137034
HL93_serv_opr	BOBJ1	17	56.42	After	Interior Girder 4	0	0.95	1	1	2.137034
HL93_serv_opr	BOBJ1	17	56.42	After	Interior Girder 5	0	0.95	1	1	2.5161
HL93_serv_opr	BOBJ1	17	56.42	After	Interior Girder 6	0	0.95	1	1	2.585991
HL93_serv_opr	BOBJ1	17	56.42	After	Right Exterior Girder	0	0.95	1	1	3.931299
HL93_serv_opr	BOBJ1	18	60.92	Before	Interior Girder 1	4.5	0.95	1	1	4.237911
HL93_serv_opr	BOBJ1	18	60.92	Before	Interior Girder 2	4.5	0.95	1	1	4.015563
HL93_serv_opr	BOBJ1	18	60.92	Before	Interior Girder 3	4.5	0.95	1	1	3.679369
HL93_serv_opr	BOBJ1	18	60.92	Before	Interior Girder 4	4.5	0.95	1	1	3.679369
HL93_serv_opr	BOBJ1	18	60.92	Before	Interior Girder 5	4.5	0.95	1	1	4.015563
HL93_serv_opr	BOBJ1	18	60.92	Before	Interior Girder 6	4.5	0.95	1	1	4.237911
HL93_serv_opr	BOBJ1	19	60.92	After	Interior Girder 1	4.5	0.95	1	1	3.462741
HL93_serv_opr	BOBJ1	19	60.92	After	Interior Girder 2	4.5	0.95	1	1	3.337673
HL93_serv_opr	BOBJ1	19	60.92	After	Interior Girder 3	4.5	0.95	1	1	3.032969
HL93_serv_opr	BOBJ1	19	60.92	After	Interior Girder 4	4.5	0.95	1	1	3.032969
HL93_serv_opr	BOBJ1	19	60.92	After	Interior Girder 5	4.5	0.95	1	1	3.337673
HL93_serv_opr	BOBJ1	19	60.92	After	Interior Girder 6	4.5	0.95	1	1	3.462741
HL93_serv_opr	BOBJ1	20	63.42	Before	Left Exterior Girder	7	0.95	1	1	7.413055
HL93_serv_opr	BOBJ1	20	63.42	Before	Right Exterior Girder	7	0.95	1	1	7.413055
HL93_serv_opr	BOBJ1	21	63.42	After	Left Exterior Girder	7	0.95	1	1	4.266653
HL93_serv_opr	BOBJ1	21	63.42	After	Right Exterior Girder	7	0.95	1	1	4.266653
HL93_serv_opr	BOBJ1	22	64.845	Before	Left Exterior Girder	8.425	0.95	1	1	4.820014
HL93_serv_opr	BOBJ1	22	64.845	Before	Interior Girder 1	8.425	0.95	1	1	4.555527
HL93_serv_opr	BOBJ1	22	64.845	Before	Interior Girder 2	8.425	0.95	1	1	4.357397
HL93_serv_opr	BOBJ1	22	64.845	Before	Interior Girder 3	8.425	0.95	1	1	4.217752
HL93_serv_opr	BOBJ1	22	64.845	Before	Interior Girder 4	8.425	0.95	1	1	4.217752
HL93_serv_opr	BOBJ1	22	64.845	Before	Interior Girder 5	8.425	0.95	1	1	4.357397
HL93_serv_opr	BOBJ1	22	64.845	Before	Interior Girder 6	8.425	0.95	1	1	4.555527
HL93_serv_opr	BOBJ1	22	64.845	Before	Right Exterior Girder	8.425	0.95	1	1	4.820014
HL93_serv_opr	BOBJ1	23	64.845	After	Left Exterior Girder	8.425	0.95	1	1	4.770005
HL93_serv_opr	BOBJ1	23	64.845	After	Interior Girder 1	8.425	0.95	1	1	4.601545

TABLE: Bridge Super Rating AASHTORATE18 31 - SteelICompServ-Flx - Approach, Span 7-11										
Request	BridgeObj	BridgeCut	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	Unitless	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
HL93_serv_opr	BOBJ1	23	64.845	After	Interior Girder 2	8.425	0.95	1	1	4.393116
HL93_serv_opr	BOBJ1	23	64.845	After	Interior Girder 3	8.425	0.95	1	1	4.226804
HL93_serv_opr	BOBJ1	23	64.845	After	Interior Girder 4	8.425	0.95	1	1	4.226804
HL93_serv_opr	BOBJ1	23	64.845	After	Interior Girder 5	8.425	0.95	1	1	4.393116
HL93_serv_opr	BOBJ1	23	64.845	After	Interior Girder 6	8.425	0.95	1	1	4.601545
HL93_serv_opr	BOBJ1	23	64.845	After	Right Exterior Girder	8.425	0.95	1	1	4.770005
HL93_serv_opr	BOBJ1	24	69.92	Before	Left Exterior Girder	13.5	0.95	1	1	6.650814
HL93_serv_opr	BOBJ1	24	69.92	Before	Interior Girder 1	13.5	0.95	1	1	6.097061
HL93_serv_opr	BOBJ1	24	69.92	Before	Interior Girder 2	13.5	0.95	1	1	5.903694
HL93_serv_opr	BOBJ1	24	69.92	Before	Interior Girder 3	13.5	0.95	1	1	6.115673
HL93_serv_opr	BOBJ1	24	69.92	Before	Interior Girder 4	13.5	0.95	1	1	6.115673
HL93_serv_opr	BOBJ1	24	69.92	Before	Interior Girder 5	13.5	0.95	1	1	5.903694
HL93_serv_opr	BOBJ1	24	69.92	Before	Interior Girder 6	13.5	0.95	1	1	6.097061
HL93_serv_opr	BOBJ1	24	69.92	Before	Right Exterior Girder	13.5	0.95	1	1	6.650814
HL93_serv_opr	BOBJ1	25	69.92	After	Left Exterior Girder	13.5	0.95	1	1	5.701777
HL93_serv_opr	BOBJ1	25	69.92	After	Interior Girder 1	13.5	0.95	1	1	5.702913
HL93_serv_opr	BOBJ1	25	69.92	After	Interior Girder 2	13.5	0.95	1	1	5.530524
HL93_serv_opr	BOBJ1	25	69.92	After	Interior Girder 3	13.5	0.95	1	1	5.699412
HL93_serv_opr	BOBJ1	25	69.92	After	Interior Girder 4	13.5	0.95	1	1	5.699412
HL93_serv_opr	BOBJ1	25	69.92	After	Interior Girder 5	13.5	0.95	1	1	5.530524
HL93_serv_opr	BOBJ1	25	69.92	After	Interior Girder 6	13.5	0.95	1	1	5.702913
HL93_serv_opr	BOBJ1	25	69.92	After	Right Exterior Girder	13.5	0.95	1	1	5.701777
HL93_serv_opr	BOBJ1	26	73.27	Before	Left Exterior Girder	16.85	0.95	1	1	6.236992
HL93_serv_opr	BOBJ1	26	73.27	Before	Interior Girder 1	16.85	0.95	1	1	5.486676
HL93_serv_opr	BOBJ1	26	73.27	Before	Interior Girder 2	16.85	0.95	1	1	5.040324
HL93_serv_opr	BOBJ1	26	73.27	Before	Interior Girder 3	16.85	0.95	1	1	4.923947
HL93_serv_opr	BOBJ1	26	73.27	Before	Interior Girder 4	16.85	0.95	1	1	4.923947
HL93_serv_opr	BOBJ1	26	73.27	Before	Interior Girder 5	16.85	0.95	1	1	5.040324
HL93_serv_opr	BOBJ1	26	73.27	Before	Interior Girder 6	16.85	0.95	1	1	5.486676
HL93_serv_opr	BOBJ1	26	73.27	Before	Right Exterior Girder	16.85	0.95	1	1	6.236992
HL93_serv_opr	BOBJ1	27	73.27	After	Left Exterior Girder	16.85	0.95	1	1	6.387264
HL93_serv_opr	BOBJ1	27	73.27	After	Interior Girder 1	16.85	0.95	1	1	5.394121
HL93_serv_opr	BOBJ1	27	73.27	After	Interior Girder 2	16.85	0.95	1	1	5.016263
HL93_serv_opr	BOBJ1	27	73.27	After	Interior Girder 3	16.85	0.95	1	1	4.96654
HL93_serv_opr	BOBJ1	27	73.27	After	Interior Girder 4	16.85	0.95	1	1	4.96654
HL93_serv_opr	BOBJ1	27	73.27	After	Interior Girder 5	16.85	0.95	1	1	5.016263
HL93_serv_opr	BOBJ1	27	73.27	After	Interior Girder 6	16.85	0.95	1	1	5.394121
HL93_serv_opr	BOBJ1	27	73.27	After	Right Exterior Girder	16.85	0.95	1	1	6.387264
HL93_serv_opr	BOBJ1	28	81.695	Before	Left Exterior Girder	25.275	0.95	1	1	3.761456
HL93_serv_opr	BOBJ1	28	81.695	Before	Interior Girder 1	25.275	0.95	1	1	3.221128
HL93_serv_opr	BOBJ1	28	81.695	Before	Interior Girder 2	25.275	0.95	1	1	3.112059
HL93_serv_opr	BOBJ1	28	81.695	Before	Interior Girder 3	25.275	0.95	1	1	3.042801
HL93_serv_opr	BOBJ1	28	81.695	Before	Interior Girder 4	25.275	0.95	1	1	3.042801
HL93_serv_opr	BOBJ1	28	81.695	Before	Interior Girder 5	25.275	0.95	1	1	3.112059
HL93_serv_opr	BOBJ1	28	81.695	Before	Interior Girder 6	25.275	0.95	1	1	3.221128
HL93_serv_opr	BOBJ1	28	81.695	Before	Right Exterior Girder	25.275	0.95	1	1	3.761456
HL93_serv_opr	BOBJ1	29	81.695	After	Left Exterior Girder	25.275	0.95	1	1	3.820766
HL93_serv_opr	BOBJ1	29	81.695	After	Interior Girder 1	25.275	0.95	1	1	3.195238
HL93_serv_opr	BOBJ1	29	81.695	After	Interior Girder 2	25.275	0.95	1	1	3.110715
HL93_serv_opr	BOBJ1	29	81.695	After	Interior Girder 3	25.275	0.95	1	1	3.075763
HL93_serv_opr	BOBJ1	29	81.695	After	Interior Girder 4	25.275	0.95	1	1	3.075763
HL93_serv_opr	BOBJ1	29	81.695	After	Interior Girder 5	25.275	0.95	1	1	3.110715
HL93_serv_opr	BOBJ1	29	81.695	After	Interior Girder 6	25.275	0.95	1	1	3.195238
HL93_serv_opr	BOBJ1	29	81.695	After	Right Exterior Girder	25.275	0.95	1	1	3.820766
HL93_serv_opr	BOBJ1	30	90.12	Before	Left Exterior Girder	33.7	0.95	1	1	3.016375
HL93_serv_opr	BOBJ1	30	90.12	Before	Interior Girder 1	33.7	0.95	1	1	2.972848
HL93_serv_opr	BOBJ1	30	90.12	Before	Interior Girder 2	33.7	0.95	1	1	2.902137
HL93_serv_opr	BOBJ1	30	90.12	Before	Interior Girder 3	33.7	0.95	1	1	2.919092
HL93_serv_opr	BOBJ1	30	90.12	Before	Interior Girder 4	33.7	0.95	1	1	2.919092
HL93_serv_opr	BOBJ1	30	90.12	Before	Interior Girder 5	33.7	0.95	1	1	2.902137
HL93_serv_opr	BOBJ1	30	90.12	Before	Interior Girder 6	33.7	0.95	1	1	2.972848
HL93_serv_opr	BOBJ1	30	90.12	Before	Right Exterior Girder	33.7	0.95	1	1	3.016375
HL93_serv_opr	BOBJ1	31	90.12	After	Left Exterior Girder	33.7	0.95	1	1	3.021504
HL93_serv_opr	BOBJ1	31	90.12	After	Interior Girder 1	33.7	0.95	1	1	2.971403
HL93_serv_opr	BOBJ1	31	90.12	After	Interior Girder 2	33.7	0.95	1	1	2.898698
HL93_serv_opr	BOBJ1	31	90.12	After	Interior Girder 3	33.7	0.95	1	1	2.917911
HL93_serv_opr	BOBJ1	31	90.12	After	Interior Girder 4	33.7	0.95	1	1	2.917911
HL93_serv_opr	BOBJ1	31	90.12	After	Interior Girder 5	33.7	0.95	1	1	2.898698
HL93_serv_opr	BOBJ1	31	90.12	After	Interior Girder 6	33.7	0.95	1	1	2.971403
HL93_serv_opr	BOBJ1	31	90.12	After	Right Exterior Girder	33.7	0.95	1	1	3.021504
HL93_serv_opr	BOBJ1	32	98.545	Before	Left Exterior Girder	42.125	0.95	1	1	3.663272
HL93_serv_opr	BOBJ1	32	98.545	Before	Interior Girder 1	42.125	0.95	1	1	3.117
HL93_serv_opr	BOBJ1	32	98.545	Before	Interior Girder 2	42.125	0.95	1	1	3.050082

TABLE: Bridge Super Rating AASHTORATE18 31 - SteelICompServ-Flx - Approach, Span 7-11										
Request	BridgeObj	BridgeCut	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	Unitless	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
HL93_serv_opr	BOBJ1	32	98.545	Before	Interior Girder 3	42.125	0.95	1	1	3.023321
HL93_serv_opr	BOBJ1	32	98.545	Before	Interior Girder 4	42.125	0.95	1	1	3.023321
HL93_serv_opr	BOBJ1	32	98.545	Before	Interior Girder 5	42.125	0.95	1	1	3.050082
HL93_serv_opr	BOBJ1	32	98.545	Before	Interior Girder 6	42.125	0.95	1	1	3.117
HL93_serv_opr	BOBJ1	32	98.545	Before	Right Exterior Girder	42.125	0.95	1	1	3.663272
HL93_serv_opr	BOBJ1	33	98.545	After	Left Exterior Girder	42.125	0.95	1	1	3.619003
HL93_serv_opr	BOBJ1	33	98.545	After	Interior Girder 1	42.125	0.95	1	1	3.13716
HL93_serv_opr	BOBJ1	33	98.545	After	Interior Girder 2	42.125	0.95	1	1	3.048361
HL93_serv_opr	BOBJ1	33	98.545	After	Interior Girder 3	42.125	0.95	1	1	2.991056
HL93_serv_opr	BOBJ1	33	98.545	After	Interior Girder 4	42.125	0.95	1	1	2.991056
HL93_serv_opr	BOBJ1	33	98.545	After	Interior Girder 5	42.125	0.95	1	1	3.048361
HL93_serv_opr	BOBJ1	33	98.545	After	Interior Girder 6	42.125	0.95	1	1	3.13716
HL93_serv_opr	BOBJ1	33	98.545	After	Right Exterior Girder	42.125	0.95	1	1	3.619003
HL93_serv_opr	BOBJ1	34	106.97	Before	Left Exterior Girder	50.55	0.95	1	1	5.704645
HL93_serv_opr	BOBJ1	34	106.97	Before	Interior Girder 1	50.55	0.95	1	1	5.063238
HL93_serv_opr	BOBJ1	34	106.97	Before	Interior Girder 2	50.55	0.95	1	1	4.774825
HL93_serv_opr	BOBJ1	34	106.97	Before	Interior Girder 3	50.55	0.95	1	1	4.778777
HL93_serv_opr	BOBJ1	34	106.97	Before	Interior Girder 4	50.55	0.95	1	1	4.778777
HL93_serv_opr	BOBJ1	34	106.97	Before	Interior Girder 5	50.55	0.95	1	1	4.774825
HL93_serv_opr	BOBJ1	34	106.97	Before	Interior Girder 6	50.55	0.95	1	1	5.063238
HL93_serv_opr	BOBJ1	34	106.97	Before	Right Exterior Girder	50.55	0.95	1	1	5.704645
HL93_serv_opr	BOBJ1	35	106.97	After	Left Exterior Girder	50.55	0.95	1	1	5.619882
HL93_serv_opr	BOBJ1	35	106.97	After	Interior Girder 1	50.55	0.95	1	1	5.148081
HL93_serv_opr	BOBJ1	35	106.97	After	Interior Girder 2	50.55	0.95	1	1	4.772056
HL93_serv_opr	BOBJ1	35	106.97	After	Interior Girder 3	50.55	0.95	1	1	4.693448
HL93_serv_opr	BOBJ1	35	106.97	After	Interior Girder 4	50.55	0.95	1	1	4.693448
HL93_serv_opr	BOBJ1	35	106.97	After	Interior Girder 5	50.55	0.95	1	1	4.772056
HL93_serv_opr	BOBJ1	35	106.97	After	Interior Girder 6	50.55	0.95	1	1	5.148081
HL93_serv_opr	BOBJ1	35	106.97	After	Right Exterior Girder	50.55	0.95	1	1	5.619882
HL93_serv_opr	BOBJ1	36	115.405	Before	Left Exterior Girder	58.985	0.95	1	1	3.521236
HL93_serv_opr	BOBJ1	36	115.405	Before	Interior Girder 1	58.985	0.95	1	1	3.776163
HL93_serv_opr	BOBJ1	36	115.405	Before	Interior Girder 2	58.985	0.95	1	1	3.694795
HL93_serv_opr	BOBJ1	36	115.405	Before	Interior Girder 3	58.985	0.95	1	1	3.639079
HL93_serv_opr	BOBJ1	36	115.405	Before	Interior Girder 4	58.985	0.95	1	1	3.639079
HL93_serv_opr	BOBJ1	36	115.405	Before	Interior Girder 5	58.985	0.95	1	1	3.694795
HL93_serv_opr	BOBJ1	36	115.405	Before	Interior Girder 6	58.985	0.95	1	1	3.776163
HL93_serv_opr	BOBJ1	36	115.405	Before	Right Exterior Girder	58.985	0.95	1	1	3.521236
HL93_serv_opr	BOBJ1	37	115.405	After	Left Exterior Girder	58.985	0.95	1	1	3.614532
HL93_serv_opr	BOBJ1	37	115.405	After	Interior Girder 1	58.985	0.95	1	1	3.693904
HL93_serv_opr	BOBJ1	37	115.405	After	Interior Girder 2	58.985	0.95	1	1	3.671566
HL93_serv_opr	BOBJ1	37	115.405	After	Interior Girder 3	58.985	0.95	1	1	3.64405
HL93_serv_opr	BOBJ1	37	115.405	After	Interior Girder 4	58.985	0.95	1	1	3.64405
HL93_serv_opr	BOBJ1	37	115.405	After	Interior Girder 5	58.985	0.95	1	1	3.671566
HL93_serv_opr	BOBJ1	37	115.405	After	Interior Girder 6	58.985	0.95	1	1	3.693904
HL93_serv_opr	BOBJ1	37	115.405	After	Right Exterior Girder	58.985	0.95	1	1	3.614532
HL93_serv_opr	BOBJ1	38	116.34	Before	Left Exterior Girder	59.92	0.95	1	1	3.294555
HL93_serv_opr	BOBJ1	38	116.34	Before	Right Exterior Girder	59.92	0.95	1	1	3.294555
HL93_serv_opr	BOBJ1	39	116.34	After	Left Exterior Girder	59.92	0.95	1	1	6.542533
HL93_serv_opr	BOBJ1	39	116.34	After	Right Exterior Girder	59.92	0.95	1	1	6.542533
HL93_serv_opr	BOBJ1	40	118.84	Before	Interior Girder 1	62.42	0.95	1	1	2.962318
HL93_serv_opr	BOBJ1	40	118.84	Before	Interior Girder 2	62.42	0.95	1	1	2.92981
HL93_serv_opr	BOBJ1	40	118.84	Before	Interior Girder 3	62.42	0.95	1	1	2.757222
HL93_serv_opr	BOBJ1	40	118.84	Before	Interior Girder 4	62.42	0.95	1	1	2.757222
HL93_serv_opr	BOBJ1	40	118.84	Before	Interior Girder 5	62.42	0.95	1	1	2.92981
HL93_serv_opr	BOBJ1	40	118.84	Before	Interior Girder 6	62.42	0.95	1	1	2.962318
HL93_serv_opr	BOBJ1	41	118.84	After	Interior Girder 1	62.42	0.95	1	1	4.127486
HL93_serv_opr	BOBJ1	41	118.84	After	Interior Girder 2	62.42	0.95	1	1	4.012585
HL93_serv_opr	BOBJ1	41	118.84	After	Interior Girder 3	62.42	0.95	1	1	3.815804
HL93_serv_opr	BOBJ1	41	118.84	After	Interior Girder 4	62.42	0.95	1	1	3.815804
HL93_serv_opr	BOBJ1	41	118.84	After	Interior Girder 5	62.42	0.95	1	1	4.012585
HL93_serv_opr	BOBJ1	41	118.84	After	Interior Girder 6	62.42	0.95	1	1	4.127486
HL93_serv_opr	BOBJ1	42	123.84	Before	Left Exterior Girder	67.42	0.95	1	1	3.915967
HL93_serv_opr	BOBJ1	42	123.84	Before	Interior Girder 1	67.42	0.95	1	1	2.780318
HL93_serv_opr	BOBJ1	42	123.84	Before	Interior Girder 2	67.42	0.95	1	1	2.689286
HL93_serv_opr	BOBJ1	42	123.84	Before	Interior Girder 3	67.42	0.95	1	1	2.27631
HL93_serv_opr	BOBJ1	42	123.84	Before	Interior Girder 4	67.42	0.95	1	1	2.27631
HL93_serv_opr	BOBJ1	42	123.84	Before	Interior Girder 5	67.42	0.95	1	1	2.689286
HL93_serv_opr	BOBJ1	42	123.84	Before	Interior Girder 6	67.42	0.95	1	1	2.780318
HL93_serv_opr	BOBJ1	42	123.84	Before	Right Exterior Girder	67.42	0.95	1	1	3.915967
HL93_serv_opr	BOBJ1	43	123.84	After	Left Exterior Girder	0	0.95	1	1	3.887531
HL93_serv_opr	BOBJ1	43	123.84	After	Interior Girder 1	0	0.95	1	1	2.753185
HL93_serv_opr	BOBJ1	43	123.84	After	Interior Girder 2	0	0.95	1	1	2.68392
HL93_serv_opr	BOBJ1	43	123.84	After	Interior Girder 3	0	0.95	1	1	2.271178

TABLE: Bridge Super Rating AASHTORATE18 31 - SteelICompServ-Flx - Approach, Span 7-11										
Request	BridgeObj	BridgeCut	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	Unitless	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
HL93_serv_opr	BOBJ1	43	123.84	After	Interior Girder 4	0	0.95	1	1	2.271178
HL93_serv_opr	BOBJ1	43	123.84	After	Interior Girder 5	0	0.95	1	1	2.68392
HL93_serv_opr	BOBJ1	43	123.84	After	Interior Girder 6	0	0.95	1	1	2.753185
HL93_serv_opr	BOBJ1	43	123.84	After	Right Exterior Girder	0	0.95	1	1	3.887531
HL93_serv_opr	BOBJ1	44	128.84	Before	Interior Girder 1	5	0.95	1	1	4.209714
HL93_serv_opr	BOBJ1	44	128.84	Before	Interior Girder 2	5	0.95	1	1	4.079098
HL93_serv_opr	BOBJ1	44	128.84	Before	Interior Girder 3	5	0.95	1	1	3.858025
HL93_serv_opr	BOBJ1	44	128.84	Before	Interior Girder 4	5	0.95	1	1	3.858025
HL93_serv_opr	BOBJ1	44	128.84	Before	Interior Girder 5	5	0.95	1	1	4.079098
HL93_serv_opr	BOBJ1	44	128.84	Before	Interior Girder 6	5	0.95	1	1	4.209714
HL93_serv_opr	BOBJ1	45	128.84	After	Interior Girder 1	5	0.95	1	1	3.022016
HL93_serv_opr	BOBJ1	45	128.84	After	Interior Girder 2	5	0.95	1	1	2.980049
HL93_serv_opr	BOBJ1	45	128.84	After	Interior Girder 3	5	0.95	1	1	2.789967
HL93_serv_opr	BOBJ1	45	128.84	After	Interior Girder 4	5	0.95	1	1	2.789967
HL93_serv_opr	BOBJ1	45	128.84	After	Interior Girder 5	5	0.95	1	1	2.980049
HL93_serv_opr	BOBJ1	45	128.84	After	Interior Girder 6	5	0.95	1	1	3.022016
HL93_serv_opr	BOBJ1	46	131.34	Before	Left Exterior Girder	7.5	0.95	1	1	6.726929
HL93_serv_opr	BOBJ1	46	131.34	Before	Right Exterior Girder	7.5	0.95	1	1	6.726929
HL93_serv_opr	BOBJ1	47	131.34	After	Left Exterior Girder	7.5	0.95	1	1	3.389914
HL93_serv_opr	BOBJ1	47	131.34	After	Right Exterior Girder	7.5	0.95	1	1	3.389914
HL93_serv_opr	BOBJ1	48	132.265	Before	Left Exterior Girder	8.425	0.95	1	1	3.71211
HL93_serv_opr	BOBJ1	48	132.265	Before	Interior Girder 1	8.425	0.95	1	1	3.781539
HL93_serv_opr	BOBJ1	48	132.265	Before	Interior Girder 2	8.425	0.95	1	1	3.74723
HL93_serv_opr	BOBJ1	48	132.265	Before	Interior Girder 3	8.425	0.95	1	1	3.711326
HL93_serv_opr	BOBJ1	48	132.265	Before	Interior Girder 4	8.425	0.95	1	1	3.711326
HL93_serv_opr	BOBJ1	48	132.265	Before	Interior Girder 5	8.425	0.95	1	1	3.74723
HL93_serv_opr	BOBJ1	48	132.265	Before	Interior Girder 6	8.425	0.95	1	1	3.781539
HL93_serv_opr	BOBJ1	48	132.265	Before	Right Exterior Girder	8.425	0.95	1	1	3.71211
HL93_serv_opr	BOBJ1	49	132.265	After	Left Exterior Girder	8.425	0.95	1	1	3.614742
HL93_serv_opr	BOBJ1	49	132.265	After	Interior Girder 1	8.425	0.95	1	1	3.86673
HL93_serv_opr	BOBJ1	49	132.265	After	Interior Girder 2	8.425	0.95	1	1	3.771367
HL93_serv_opr	BOBJ1	49	132.265	After	Interior Girder 3	8.425	0.95	1	1	3.709603
HL93_serv_opr	BOBJ1	49	132.265	After	Interior Girder 4	8.425	0.95	1	1	3.709603
HL93_serv_opr	BOBJ1	49	132.265	After	Interior Girder 5	8.425	0.95	1	1	3.771367
HL93_serv_opr	BOBJ1	49	132.265	After	Interior Girder 6	8.425	0.95	1	1	3.86673
HL93_serv_opr	BOBJ1	49	132.265	After	Right Exterior Girder	8.425	0.95	1	1	3.614742
HL93_serv_opr	BOBJ1	50	140.69	Before	Left Exterior Girder	16.85	0.95	1	1	5.704504
HL93_serv_opr	BOBJ1	50	140.69	Before	Interior Girder 1	16.85	0.95	1	1	5.188556
HL93_serv_opr	BOBJ1	50	140.69	Before	Interior Girder 2	16.85	0.95	1	1	4.807411
HL93_serv_opr	BOBJ1	50	140.69	Before	Interior Girder 3	16.85	0.95	1	1	4.729272
HL93_serv_opr	BOBJ1	50	140.69	Before	Interior Girder 4	16.85	0.95	1	1	4.729272
HL93_serv_opr	BOBJ1	50	140.69	Before	Interior Girder 5	16.85	0.95	1	1	4.807411
HL93_serv_opr	BOBJ1	50	140.69	Before	Interior Girder 6	16.85	0.95	1	1	5.188556
HL93_serv_opr	BOBJ1	50	140.69	Before	Right Exterior Girder	16.85	0.95	1	1	5.704504
HL93_serv_opr	BOBJ1	51	140.69	After	Left Exterior Girder	16.85	0.95	1	1	5.851591
HL93_serv_opr	BOBJ1	51	140.69	After	Interior Girder 1	16.85	0.95	1	1	5.10167
HL93_serv_opr	BOBJ1	51	140.69	After	Interior Girder 2	16.85	0.95	1	1	4.808471
HL93_serv_opr	BOBJ1	51	140.69	After	Interior Girder 3	16.85	0.95	1	1	4.814474
HL93_serv_opr	BOBJ1	51	140.69	After	Interior Girder 4	16.85	0.95	1	1	4.814474
HL93_serv_opr	BOBJ1	51	140.69	After	Interior Girder 5	16.85	0.95	1	1	4.808471
HL93_serv_opr	BOBJ1	51	140.69	After	Interior Girder 6	16.85	0.95	1	1	5.10167
HL93_serv_opr	BOBJ1	51	140.69	After	Right Exterior Girder	16.85	0.95	1	1	5.851591
HL93_serv_opr	BOBJ1	52	149.115	Before	Left Exterior Girder	25.275	0.95	1	1	3.591662
HL93_serv_opr	BOBJ1	52	149.115	Before	Interior Girder 1	25.275	0.95	1	1	3.112967
HL93_serv_opr	BOBJ1	52	149.115	Before	Interior Girder 2	25.275	0.95	1	1	3.031819
HL93_serv_opr	BOBJ1	52	149.115	Before	Interior Girder 3	25.275	0.95	1	1	2.983881
HL93_serv_opr	BOBJ1	52	149.115	Before	Interior Girder 4	25.275	0.95	1	1	2.983881
HL93_serv_opr	BOBJ1	52	149.115	Before	Interior Girder 5	25.275	0.95	1	1	3.031819
HL93_serv_opr	BOBJ1	52	149.115	Before	Interior Girder 6	25.275	0.95	1	1	3.112967
HL93_serv_opr	BOBJ1	52	149.115	Before	Right Exterior Girder	25.275	0.95	1	1	3.591662
HL93_serv_opr	BOBJ1	53	149.115	After	Left Exterior Girder	25.275	0.95	1	1	3.640007
HL93_serv_opr	BOBJ1	53	149.115	After	Interior Girder 1	25.275	0.95	1	1	3.092593
HL93_serv_opr	BOBJ1	53	149.115	After	Interior Girder 2	25.275	0.95	1	1	3.032118
HL93_serv_opr	BOBJ1	53	149.115	After	Interior Girder 3	25.275	0.95	1	1	3.015803
HL93_serv_opr	BOBJ1	53	149.115	After	Interior Girder 4	25.275	0.95	1	1	3.015803
HL93_serv_opr	BOBJ1	53	149.115	After	Interior Girder 5	25.275	0.95	1	1	3.032118
HL93_serv_opr	BOBJ1	53	149.115	After	Interior Girder 6	25.275	0.95	1	1	3.092593
HL93_serv_opr	BOBJ1	53	149.115	After	Right Exterior Girder	25.275	0.95	1	1	3.640007
HL93_serv_opr	BOBJ1	54	157.54	Before	Left Exterior Girder	33.7	0.95	1	1	2.949931
HL93_serv_opr	BOBJ1	54	157.54	Before	Interior Girder 1	33.7	0.95	1	1	2.906507
HL93_serv_opr	BOBJ1	54	157.54	Before	Interior Girder 2	33.7	0.95	1	1	2.855375
HL93_serv_opr	BOBJ1	54	157.54	Before	Interior Girder 3	33.7	0.95	1	1	2.880556
HL93_serv_opr	BOBJ1	54	157.54	Before	Interior Girder 4	33.7	0.95	1	1	2.880556

TABLE: Bridge Super Rating AASHTORATE18 31 - SteelICompServ-Flx - Approach, Span 7-11										
Request	BridgeObj	BridgeCut	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	Unitless	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
HL93_serv_opr	BOBJ1	54	157.54	Before	Interior Girder 5	33.7	0.95	1	1	2.855375
HL93_serv_opr	BOBJ1	54	157.54	Before	Interior Girder 6	33.7	0.95	1	1	2.906507
HL93_serv_opr	BOBJ1	54	157.54	Before	Right Exterior Girder	33.7	0.95	1	1	2.949931
HL93_serv_opr	BOBJ1	55	157.54	After	Left Exterior Girder	33.7	0.95	1	1	2.950246
HL93_serv_opr	BOBJ1	55	157.54	After	Interior Girder 1	33.7	0.95	1	1	2.906468
HL93_serv_opr	BOBJ1	55	157.54	After	Interior Girder 2	33.7	0.95	1	1	2.85529
HL93_serv_opr	BOBJ1	55	157.54	After	Interior Girder 3	33.7	0.95	1	1	2.880657
HL93_serv_opr	BOBJ1	55	157.54	After	Interior Girder 4	33.7	0.95	1	1	2.880657
HL93_serv_opr	BOBJ1	55	157.54	After	Interior Girder 5	33.7	0.95	1	1	2.85529
HL93_serv_opr	BOBJ1	55	157.54	After	Interior Girder 6	33.7	0.95	1	1	2.906468
HL93_serv_opr	BOBJ1	55	157.54	After	Right Exterior Girder	33.7	0.95	1	1	2.950246
HL93_serv_opr	BOBJ1	56	165.965	Before	Left Exterior Girder	42.125	0.95	1	1	3.636953
HL93_serv_opr	BOBJ1	56	165.965	Before	Interior Girder 1	42.125	0.95	1	1	3.091252
HL93_serv_opr	BOBJ1	56	165.965	Before	Interior Girder 2	42.125	0.95	1	1	3.030821
HL93_serv_opr	BOBJ1	56	165.965	Before	Interior Girder 3	42.125	0.95	1	1	3.014294
HL93_serv_opr	BOBJ1	56	165.965	Before	Interior Girder 4	42.125	0.95	1	1	3.014294
HL93_serv_opr	BOBJ1	56	165.965	Before	Interior Girder 5	42.125	0.95	1	1	3.030821
HL93_serv_opr	BOBJ1	56	165.965	Before	Interior Girder 6	42.125	0.95	1	1	3.091252
HL93_serv_opr	BOBJ1	56	165.965	Before	Right Exterior Girder	42.125	0.95	1	1	3.636953
HL93_serv_opr	BOBJ1	57	165.965	After	Left Exterior Girder	42.125	0.95	1	1	3.589041
HL93_serv_opr	BOBJ1	57	165.965	After	Interior Girder 1	42.125	0.95	1	1	3.111498
HL93_serv_opr	BOBJ1	57	165.965	After	Interior Girder 2	42.125	0.95	1	1	3.030496
HL93_serv_opr	BOBJ1	57	165.965	After	Interior Girder 3	42.125	0.95	1	1	2.982517
HL93_serv_opr	BOBJ1	57	165.965	After	Interior Girder 4	42.125	0.95	1	1	2.982517
HL93_serv_opr	BOBJ1	57	165.965	After	Interior Girder 5	42.125	0.95	1	1	3.030496
HL93_serv_opr	BOBJ1	57	165.965	After	Interior Girder 6	42.125	0.95	1	1	3.111498
HL93_serv_opr	BOBJ1	57	165.965	After	Right Exterior Girder	42.125	0.95	1	1	3.589041
HL93_serv_opr	BOBJ1	58	174.39	Before	Left Exterior Girder	50.55	0.95	1	1	5.839071
HL93_serv_opr	BOBJ1	58	174.39	Before	Interior Girder 1	50.55	0.95	1	1	5.095446
HL93_serv_opr	BOBJ1	58	174.39	Before	Interior Girder 2	50.55	0.95	1	1	4.803182
HL93_serv_opr	BOBJ1	58	174.39	Before	Interior Girder 3	50.55	0.95	1	1	4.808225
HL93_serv_opr	BOBJ1	58	174.39	Before	Interior Girder 4	50.55	0.95	1	1	4.808225
HL93_serv_opr	BOBJ1	58	174.39	Before	Interior Girder 5	50.55	0.95	1	1	4.803182
HL93_serv_opr	BOBJ1	58	174.39	Before	Interior Girder 6	50.55	0.95	1	1	5.095446
HL93_serv_opr	BOBJ1	58	174.39	Before	Right Exterior Girder	50.55	0.95	1	1	5.839071
HL93_serv_opr	BOBJ1	59	174.39	After	Left Exterior Girder	50.55	0.95	1	1	5.692745
HL93_serv_opr	BOBJ1	59	174.39	After	Interior Girder 1	50.55	0.95	1	1	5.182346
HL93_serv_opr	BOBJ1	59	174.39	After	Interior Girder 2	50.55	0.95	1	1	4.802215
HL93_serv_opr	BOBJ1	59	174.39	After	Interior Girder 3	50.55	0.95	1	1	4.723282
HL93_serv_opr	BOBJ1	59	174.39	After	Interior Girder 4	50.55	0.95	1	1	4.723282
HL93_serv_opr	BOBJ1	59	174.39	After	Interior Girder 5	50.55	0.95	1	1	4.802215
HL93_serv_opr	BOBJ1	59	174.39	After	Interior Girder 6	50.55	0.95	1	1	5.182346
HL93_serv_opr	BOBJ1	59	174.39	After	Right Exterior Girder	50.55	0.95	1	1	5.692745
HL93_serv_opr	BOBJ1	60	182.825	Before	Left Exterior Girder	58.985	0.95	1	1	3.619238
HL93_serv_opr	BOBJ1	60	182.825	Before	Interior Girder 1	58.985	0.95	1	1	3.86568
HL93_serv_opr	BOBJ1	60	182.825	Before	Interior Girder 2	58.985	0.95	1	1	3.769743
HL93_serv_opr	BOBJ1	60	182.825	Before	Interior Girder 3	58.985	0.95	1	1	3.712347
HL93_serv_opr	BOBJ1	60	182.825	Before	Interior Girder 4	58.985	0.95	1	1	3.712347
HL93_serv_opr	BOBJ1	60	182.825	Before	Interior Girder 5	58.985	0.95	1	1	3.769743
HL93_serv_opr	BOBJ1	60	182.825	Before	Interior Girder 6	58.985	0.95	1	1	3.86568
HL93_serv_opr	BOBJ1	60	182.825	Before	Right Exterior Girder	58.985	0.95	1	1	3.619238
HL93_serv_opr	BOBJ1	61	182.825	After	Left Exterior Girder	58.985	0.95	1	1	3.716903
HL93_serv_opr	BOBJ1	61	182.825	After	Interior Girder 1	58.985	0.95	1	1	3.780566
HL93_serv_opr	BOBJ1	61	182.825	After	Interior Girder 2	58.985	0.95	1	1	3.745475
HL93_serv_opr	BOBJ1	61	182.825	After	Interior Girder 3	58.985	0.95	1	1	3.71437
HL93_serv_opr	BOBJ1	61	182.825	After	Interior Girder 4	58.985	0.95	1	1	3.71437
HL93_serv_opr	BOBJ1	61	182.825	After	Interior Girder 5	58.985	0.95	1	1	3.745475
HL93_serv_opr	BOBJ1	61	182.825	After	Interior Girder 6	58.985	0.95	1	1	3.780566
HL93_serv_opr	BOBJ1	61	182.825	After	Right Exterior Girder	58.985	0.95	1	1	3.716903
HL93_serv_opr	BOBJ1	62	183.76	Before	Left Exterior Girder	59.92	0.95	1	1	3.379924
HL93_serv_opr	BOBJ1	62	183.76	Before	Right Exterior Girder	59.92	0.95	1	1	3.379924
HL93_serv_opr	BOBJ1	63	183.76	After	Left Exterior Girder	59.92	0.95	1	1	6.712208
HL93_serv_opr	BOBJ1	63	183.76	After	Right Exterior Girder	59.92	0.95	1	1	6.712208
HL93_serv_opr	BOBJ1	64	186.26	Before	Interior Girder 1	62.42	0.95	1	1	3.017964
HL93_serv_opr	BOBJ1	64	186.26	Before	Interior Girder 2	62.42	0.95	1	1	2.976018
HL93_serv_opr	BOBJ1	64	186.26	Before	Interior Girder 3	62.42	0.95	1	1	2.790583
HL93_serv_opr	BOBJ1	64	186.26	Before	Interior Girder 4	62.42	0.95	1	1	2.790583
HL93_serv_opr	BOBJ1	64	186.26	Before	Interior Girder 5	62.42	0.95	1	1	2.976018
HL93_serv_opr	BOBJ1	64	186.26	Before	Interior Girder 6	62.42	0.95	1	1	3.017964
HL93_serv_opr	BOBJ1	65	186.26	After	Interior Girder 1	62.42	0.95	1	1	4.205104
HL93_serv_opr	BOBJ1	65	186.26	After	Interior Girder 2	62.42	0.95	1	1	4.074184
HL93_serv_opr	BOBJ1	65	186.26	After	Interior Girder 3	62.42	0.95	1	1	3.859588
HL93_serv_opr	BOBJ1	65	186.26	After	Interior Girder 4	62.42	0.95	1	1	3.859588

TABLE: Bridge Super Rating AASHTORATE18 31 - SteelICompServ-Flx - Approach, Span 7-11										
Request	BridgeObj	BridgeCut	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	Unitless	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
HL93_serv_opr	BOBJ1	65	186.26	After	Interior Girder 5	62.42	0.95	1	1	4.074184
HL93_serv_opr	BOBJ1	65	186.26	After	Interior Girder 6	62.42	0.95	1	1	4.205104
HL93_serv_opr	BOBJ1	66	191.26	Before	Left Exterior Girder	67.42	0.95	1	1	3.890479
HL93_serv_opr	BOBJ1	66	191.26	Before	Interior Girder 1	67.42	0.95	1	1	2.748803
HL93_serv_opr	BOBJ1	66	191.26	Before	Interior Girder 2	67.42	0.95	1	1	2.678456
HL93_serv_opr	BOBJ1	66	191.26	Before	Interior Girder 3	67.42	0.95	1	1	2.271368
HL93_serv_opr	BOBJ1	66	191.26	Before	Interior Girder 4	67.42	0.95	1	1	2.271368
HL93_serv_opr	BOBJ1	66	191.26	Before	Interior Girder 5	67.42	0.95	1	1	2.678456
HL93_serv_opr	BOBJ1	66	191.26	Before	Interior Girder 6	67.42	0.95	1	1	2.748803
HL93_serv_opr	BOBJ1	66	191.26	Before	Right Exterior Girder	67.42	0.95	1	1	3.890479
HL93_serv_opr	BOBJ1	67	191.26	After	Left Exterior Girder	0	0.95	1	1	3.909268
HL93_serv_opr	BOBJ1	67	191.26	After	Interior Girder 1	0	0.95	1	1	2.782389
HL93_serv_opr	BOBJ1	67	191.26	After	Interior Girder 2	0	0.95	1	1	2.692922
HL93_serv_opr	BOBJ1	67	191.26	After	Interior Girder 3	0	0.95	1	1	2.274863
HL93_serv_opr	BOBJ1	67	191.26	After	Interior Girder 4	0	0.95	1	1	2.274863
HL93_serv_opr	BOBJ1	67	191.26	After	Interior Girder 5	0	0.95	1	1	2.692922
HL93_serv_opr	BOBJ1	67	191.26	After	Interior Girder 6	0	0.95	1	1	2.782389
HL93_serv_opr	BOBJ1	67	191.26	After	Right Exterior Girder	0	0.95	1	1	3.909268
HL93_serv_opr	BOBJ1	68	196.26	Before	Interior Girder 1	5	0.95	1	1	4.129615
HL93_serv_opr	BOBJ1	68	196.26	Before	Interior Girder 2	5	0.95	1	1	4.015751
HL93_serv_opr	BOBJ1	68	196.26	Before	Interior Girder 3	5	0.95	1	1	3.812879
HL93_serv_opr	BOBJ1	68	196.26	Before	Interior Girder 4	5	0.95	1	1	3.812879
HL93_serv_opr	BOBJ1	68	196.26	Before	Interior Girder 5	5	0.95	1	1	4.015751
HL93_serv_opr	BOBJ1	68	196.26	Before	Interior Girder 6	5	0.95	1	1	4.129615
HL93_serv_opr	BOBJ1	69	196.26	After	Interior Girder 1	5	0.95	1	1	2.963824
HL93_serv_opr	BOBJ1	69	196.26	After	Interior Girder 2	5	0.95	1	1	2.932084
HL93_serv_opr	BOBJ1	69	196.26	After	Interior Girder 3	5	0.95	1	1	2.755315
HL93_serv_opr	BOBJ1	69	196.26	After	Interior Girder 4	5	0.95	1	1	2.755315
HL93_serv_opr	BOBJ1	69	196.26	After	Interior Girder 5	5	0.95	1	1	2.932084
HL93_serv_opr	BOBJ1	69	196.26	After	Interior Girder 6	5	0.95	1	1	2.963824
HL93_serv_opr	BOBJ1	70	198.76	Before	Left Exterior Girder	7.5	0.95	1	1	6.553892
HL93_serv_opr	BOBJ1	70	198.76	Before	Right Exterior Girder	7.5	0.95	1	1	6.553892
HL93_serv_opr	BOBJ1	71	198.76	After	Left Exterior Girder	7.5	0.95	1	1	3.301218
HL93_serv_opr	BOBJ1	71	198.76	After	Right Exterior Girder	7.5	0.95	1	1	3.301218
HL93_serv_opr	BOBJ1	72	199.685	Before	Left Exterior Girder	8.425	0.95	1	1	3.606853
HL93_serv_opr	BOBJ1	72	199.685	Before	Interior Girder 1	8.425	0.95	1	1	3.692625
HL93_serv_opr	BOBJ1	72	199.685	Before	Interior Girder 2	8.425	0.95	1	1	3.671749
HL93_serv_opr	BOBJ1	72	199.685	Before	Interior Girder 3	8.425	0.95	1	1	3.639748
HL93_serv_opr	BOBJ1	72	199.685	Before	Interior Girder 4	8.425	0.95	1	1	3.639748
HL93_serv_opr	BOBJ1	72	199.685	Before	Interior Girder 5	8.425	0.95	1	1	3.671749
HL93_serv_opr	BOBJ1	72	199.685	Before	Interior Girder 6	8.425	0.95	1	1	3.692625
HL93_serv_opr	BOBJ1	72	199.685	Before	Right Exterior Girder	8.425	0.95	1	1	3.606853
HL93_serv_opr	BOBJ1	73	199.685	After	Left Exterior Girder	8.425	0.95	1	1	3.513678
HL93_serv_opr	BOBJ1	73	199.685	After	Interior Girder 1	8.425	0.95	1	1	3.775002
HL93_serv_opr	BOBJ1	73	199.685	After	Interior Girder 2	8.425	0.95	1	1	3.69489
HL93_serv_opr	BOBJ1	73	199.685	After	Interior Girder 3	8.425	0.95	1	1	3.635197
HL93_serv_opr	BOBJ1	73	199.685	After	Interior Girder 4	8.425	0.95	1	1	3.635197
HL93_serv_opr	BOBJ1	73	199.685	After	Interior Girder 5	8.425	0.95	1	1	3.69489
HL93_serv_opr	BOBJ1	73	199.685	After	Interior Girder 6	8.425	0.95	1	1	3.775002
HL93_serv_opr	BOBJ1	73	199.685	After	Right Exterior Girder	8.425	0.95	1	1	3.513678
HL93_serv_opr	BOBJ1	74	208.11	Before	Left Exterior Girder	16.85	0.95	1	1	5.632334
HL93_serv_opr	BOBJ1	74	208.11	Before	Interior Girder 1	16.85	0.95	1	1	5.154917
HL93_serv_opr	BOBJ1	74	208.11	Before	Interior Girder 2	16.85	0.95	1	1	4.777596
HL93_serv_opr	BOBJ1	74	208.11	Before	Interior Girder 3	16.85	0.95	1	1	4.699664
HL93_serv_opr	BOBJ1	74	208.11	Before	Interior Girder 4	16.85	0.95	1	1	4.699664
HL93_serv_opr	BOBJ1	74	208.11	Before	Interior Girder 5	16.85	0.95	1	1	4.777596
HL93_serv_opr	BOBJ1	74	208.11	Before	Interior Girder 6	16.85	0.95	1	1	5.154917
HL93_serv_opr	BOBJ1	74	208.11	Before	Right Exterior Girder	16.85	0.95	1	1	5.632334
HL93_serv_opr	BOBJ1	75	208.11	After	Left Exterior Girder	16.85	0.95	1	1	5.697502
HL93_serv_opr	BOBJ1	75	208.11	After	Interior Girder 1	16.85	0.95	1	1	5.069918
HL93_serv_opr	BOBJ1	75	208.11	After	Interior Girder 2	16.85	0.95	1	1	4.780355
HL93_serv_opr	BOBJ1	75	208.11	After	Interior Girder 3	16.85	0.95	1	1	4.785123
HL93_serv_opr	BOBJ1	75	208.11	After	Interior Girder 4	16.85	0.95	1	1	4.785123
HL93_serv_opr	BOBJ1	75	208.11	After	Interior Girder 5	16.85	0.95	1	1	4.780355
HL93_serv_opr	BOBJ1	75	208.11	After	Interior Girder 6	16.85	0.95	1	1	5.069918
HL93_serv_opr	BOBJ1	75	208.11	After	Right Exterior Girder	16.85	0.95	1	1	5.697502
HL93_serv_opr	BOBJ1	76	216.535	Before	Left Exterior Girder	25.275	0.95	1	1	3.620889
HL93_serv_opr	BOBJ1	76	216.535	Before	Interior Girder 1	25.275	0.95	1	1	3.138005
HL93_serv_opr	BOBJ1	76	216.535	Before	Interior Girder 2	25.275	0.95	1	1	3.049242
HL93_serv_opr	BOBJ1	76	216.535	Before	Interior Girder 3	25.275	0.95	1	1	2.992096
HL93_serv_opr	BOBJ1	76	216.535	Before	Interior Girder 4	25.275	0.95	1	1	2.992096
HL93_serv_opr	BOBJ1	76	216.535	Before	Interior Girder 5	25.275	0.95	1	1	3.049242
HL93_serv_opr	BOBJ1	76	216.535	Before	Interior Girder 6	25.275	0.95	1	1	3.138005

TABLE: Bridge Super Rating AASHTORATE18 31 - SteelICompServ-Flx - Approach, Span 7-11										
Request	BridgeObj	BridgeCut	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	Unitless	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
HL93_serv_opr	BOBJ1	76	216.535	Before	Right Exterior Girder	25.275	0.95	1	1	3.620889
HL93_serv_opr	BOBJ1	77	216.535	After	Left Exterior Girder	25.275	0.95	1	1	3.66586
HL93_serv_opr	BOBJ1	77	216.535	After	Interior Girder 1	25.275	0.95	1	1	3.117695
HL93_serv_opr	BOBJ1	77	216.535	After	Interior Girder 2	25.275	0.95	1	1	3.050829
HL93_serv_opr	BOBJ1	77	216.535	After	Interior Girder 3	25.275	0.95	1	1	3.024376
HL93_serv_opr	BOBJ1	77	216.535	After	Interior Girder 4	25.275	0.95	1	1	3.024376
HL93_serv_opr	BOBJ1	77	216.535	After	Interior Girder 5	25.275	0.95	1	1	3.050829
HL93_serv_opr	BOBJ1	77	216.535	After	Interior Girder 6	25.275	0.95	1	1	3.117695
HL93_serv_opr	BOBJ1	77	216.535	After	Right Exterior Girder	25.275	0.95	1	1	3.66586
HL93_serv_opr	BOBJ1	78	224.96	Before	Left Exterior Girder	33.7	0.95	1	1	3.01907
HL93_serv_opr	BOBJ1	78	224.96	Before	Interior Girder 1	33.7	0.95	1	1	2.969641
HL93_serv_opr	BOBJ1	78	224.96	Before	Interior Girder 2	33.7	0.95	1	1	2.897556
HL93_serv_opr	BOBJ1	78	224.96	Before	Interior Girder 3	33.7	0.95	1	1	2.916868
HL93_serv_opr	BOBJ1	78	224.96	Before	Interior Girder 4	33.7	0.95	1	1	2.916868
HL93_serv_opr	BOBJ1	78	224.96	Before	Interior Girder 5	33.7	0.95	1	1	2.897556
HL93_serv_opr	BOBJ1	78	224.96	Before	Interior Girder 6	33.7	0.95	1	1	2.969641
HL93_serv_opr	BOBJ1	78	224.96	Before	Right Exterior Girder	33.7	0.95	1	1	3.01907
HL93_serv_opr	BOBJ1	79	224.96	After	Left Exterior Girder	33.7	0.95	1	1	3.014823
HL93_serv_opr	BOBJ1	79	224.96	After	Interior Girder 1	33.7	0.95	1	1	2.971095
HL93_serv_opr	BOBJ1	79	224.96	After	Interior Girder 2	33.7	0.95	1	1	2.900705
HL93_serv_opr	BOBJ1	79	224.96	After	Interior Girder 3	33.7	0.95	1	1	2.918137
HL93_serv_opr	BOBJ1	79	224.96	After	Interior Girder 4	33.7	0.95	1	1	2.918137
HL93_serv_opr	BOBJ1	79	224.96	After	Interior Girder 5	33.7	0.95	1	1	2.900705
HL93_serv_opr	BOBJ1	79	224.96	After	Interior Girder 6	33.7	0.95	1	1	2.971095
HL93_serv_opr	BOBJ1	79	224.96	After	Right Exterior Girder	33.7	0.95	1	1	3.014823
HL93_serv_opr	BOBJ1	80	233.385	Before	Left Exterior Girder	42.125	0.95	1	1	3.812764
HL93_serv_opr	BOBJ1	80	233.385	Before	Interior Girder 1	42.125	0.95	1	1	3.190855
HL93_serv_opr	BOBJ1	80	233.385	Before	Interior Girder 2	42.125	0.95	1	1	3.107475
HL93_serv_opr	BOBJ1	80	233.385	Before	Interior Girder 3	42.125	0.95	1	1	3.072791
HL93_serv_opr	BOBJ1	80	233.385	Before	Interior Girder 4	42.125	0.95	1	1	3.072791
HL93_serv_opr	BOBJ1	80	233.385	Before	Interior Girder 5	42.125	0.95	1	1	3.107475
HL93_serv_opr	BOBJ1	80	233.385	Before	Interior Girder 6	42.125	0.95	1	1	3.190855
HL93_serv_opr	BOBJ1	80	233.385	Before	Right Exterior Girder	42.125	0.95	1	1	3.812764
HL93_serv_opr	BOBJ1	81	233.385	After	Left Exterior Girder	42.125	0.95	1	1	3.754305
HL93_serv_opr	BOBJ1	81	233.385	After	Interior Girder 1	42.125	0.95	1	1	3.216543
HL93_serv_opr	BOBJ1	81	233.385	After	Interior Girder 2	42.125	0.95	1	1	3.108671
HL93_serv_opr	BOBJ1	81	233.385	After	Interior Girder 3	42.125	0.95	1	1	3.039922
HL93_serv_opr	BOBJ1	81	233.385	After	Interior Girder 4	42.125	0.95	1	1	3.039922
HL93_serv_opr	BOBJ1	81	233.385	After	Interior Girder 5	42.125	0.95	1	1	3.108671
HL93_serv_opr	BOBJ1	81	233.385	After	Interior Girder 6	42.125	0.95	1	1	3.216543
HL93_serv_opr	BOBJ1	81	233.385	After	Right Exterior Girder	42.125	0.95	1	1	3.754305
HL93_serv_opr	BOBJ1	82	241.81	Before	Left Exterior Girder	50.55	0.95	1	1	6.362691
HL93_serv_opr	BOBJ1	82	241.81	Before	Interior Girder 1	50.55	0.95	1	1	5.380977
HL93_serv_opr	BOBJ1	82	241.81	Before	Interior Girder 2	50.55	0.95	1	1	5.006875
HL93_serv_opr	BOBJ1	82	241.81	Before	Interior Girder 3	50.55	0.95	1	1	4.957098
HL93_serv_opr	BOBJ1	82	241.81	Before	Interior Girder 4	50.55	0.95	1	1	4.957098
HL93_serv_opr	BOBJ1	82	241.81	Before	Interior Girder 5	50.55	0.95	1	1	5.006875
HL93_serv_opr	BOBJ1	82	241.81	Before	Interior Girder 6	50.55	0.95	1	1	5.380977
HL93_serv_opr	BOBJ1	82	241.81	Before	Right Exterior Girder	50.55	0.95	1	1	6.362691
HL93_serv_opr	BOBJ1	83	241.81	After	Left Exterior Girder	50.55	0.95	1	1	6.213877
HL93_serv_opr	BOBJ1	83	241.81	After	Interior Girder 1	50.55	0.95	1	1	5.473013
HL93_serv_opr	BOBJ1	83	241.81	After	Interior Girder 2	50.55	0.95	1	1	5.030645
HL93_serv_opr	BOBJ1	83	241.81	After	Interior Girder 3	50.55	0.95	1	1	4.914468
HL93_serv_opr	BOBJ1	83	241.81	After	Interior Girder 4	50.55	0.95	1	1	4.914468
HL93_serv_opr	BOBJ1	83	241.81	After	Interior Girder 5	50.55	0.95	1	1	5.030645
HL93_serv_opr	BOBJ1	83	241.81	After	Interior Girder 6	50.55	0.95	1	1	5.473013
HL93_serv_opr	BOBJ1	83	241.81	After	Right Exterior Girder	50.55	0.95	1	1	6.213877
HL93_serv_opr	BOBJ1	84	245.18	Before	Left Exterior Girder	53.92	0.95	1	1	5.713274
HL93_serv_opr	BOBJ1	84	245.18	Before	Interior Girder 1	53.92	0.95	1	1	5.707035
HL93_serv_opr	BOBJ1	84	245.18	Before	Interior Girder 2	53.92	0.95	1	1	5.530052
HL93_serv_opr	BOBJ1	84	245.18	Before	Interior Girder 3	53.92	0.95	1	1	5.701064
HL93_serv_opr	BOBJ1	84	245.18	Before	Interior Girder 4	53.92	0.95	1	1	5.701064
HL93_serv_opr	BOBJ1	84	245.18	Before	Interior Girder 5	53.92	0.95	1	1	5.530052
HL93_serv_opr	BOBJ1	84	245.18	Before	Interior Girder 6	53.92	0.95	1	1	5.707035
HL93_serv_opr	BOBJ1	84	245.18	Before	Right Exterior Girder	53.92	0.95	1	1	5.713274
HL93_serv_opr	BOBJ1	85	245.18	After	Left Exterior Girder	53.92	0.95	1	1	6.662832
HL93_serv_opr	BOBJ1	85	245.18	After	Interior Girder 1	53.92	0.95	1	1	6.100965
HL93_serv_opr	BOBJ1	85	245.18	After	Interior Girder 2	53.92	0.95	1	1	5.903107
HL93_serv_opr	BOBJ1	85	245.18	After	Interior Girder 3	53.92	0.95	1	1	6.117561
HL93_serv_opr	BOBJ1	85	245.18	After	Interior Girder 4	53.92	0.95	1	1	6.117561
HL93_serv_opr	BOBJ1	85	245.18	After	Interior Girder 5	53.92	0.95	1	1	5.903107
HL93_serv_opr	BOBJ1	85	245.18	After	Interior Girder 6	53.92	0.95	1	1	6.100965
HL93_serv_opr	BOBJ1	85	245.18	After	Right Exterior Girder	53.92	0.95	1	1	6.662832

TABLE: Bridge Super Rating AASHTORATE18 31 - SteelICompServ-Flx - Approach, Span 7-11										
Request	BridgeObj	BridgeCut	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	Unitless	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
HL93_serv_opr	BOBJ1	86	250.245	Before	Left Exterior Girder	58.985	0.95	1	1	4.786863
HL93_serv_opr	BOBJ1	86	250.245	Before	Interior Girder 1	58.985	0.95	1	1	4.606663
HL93_serv_opr	BOBJ1	86	250.245	Before	Interior Girder 2	58.985	0.95	1	1	4.394727
HL93_serv_opr	BOBJ1	86	250.245	Before	Interior Girder 3	58.985	0.95	1	1	4.232538
HL93_serv_opr	BOBJ1	86	250.245	Before	Interior Girder 4	58.985	0.95	1	1	4.232538
HL93_serv_opr	BOBJ1	86	250.245	Before	Interior Girder 5	58.985	0.95	1	1	4.394727
HL93_serv_opr	BOBJ1	86	250.245	Before	Interior Girder 6	58.985	0.95	1	1	4.606663
HL93_serv_opr	BOBJ1	86	250.245	Before	Right Exterior Girder	58.985	0.95	1	1	4.786863
HL93_serv_opr	BOBJ1	87	250.245	After	Left Exterior Girder	58.985	0.95	1	1	4.836888
HL93_serv_opr	BOBJ1	87	250.245	After	Interior Girder 1	58.985	0.95	1	1	4.560968
HL93_serv_opr	BOBJ1	87	250.245	After	Interior Girder 2	58.985	0.95	1	1	4.358968
HL93_serv_opr	BOBJ1	87	250.245	After	Interior Girder 3	58.985	0.95	1	1	4.223872
HL93_serv_opr	BOBJ1	87	250.245	After	Interior Girder 4	58.985	0.95	1	1	4.223872
HL93_serv_opr	BOBJ1	87	250.245	After	Interior Girder 5	58.985	0.95	1	1	4.358968
HL93_serv_opr	BOBJ1	87	250.245	After	Interior Girder 6	58.985	0.95	1	1	4.560968
HL93_serv_opr	BOBJ1	87	250.245	After	Right Exterior Girder	58.985	0.95	1	1	4.836888
HL93_serv_opr	BOBJ1	88	251.68	Before	Left Exterior Girder	60.42	0.95	1	1	4.279877
HL93_serv_opr	BOBJ1	88	251.68	Before	Right Exterior Girder	60.42	0.95	1	1	4.279877
HL93_serv_opr	BOBJ1	89	251.68	After	Left Exterior Girder	60.42	0.95	1	1	7.428255
HL93_serv_opr	BOBJ1	89	251.68	After	Right Exterior Girder	60.42	0.95	1	1	7.428255
HL93_serv_opr	BOBJ1	90	254.18	Before	Interior Girder 1	62.92	0.95	1	1	3.464305
HL93_serv_opr	BOBJ1	90	254.18	Before	Interior Girder 2	62.92	0.95	1	1	3.336371
HL93_serv_opr	BOBJ1	90	254.18	Before	Interior Girder 3	62.92	0.95	1	1	3.035945
HL93_serv_opr	BOBJ1	90	254.18	Before	Interior Girder 4	62.92	0.95	1	1	3.035945
HL93_serv_opr	BOBJ1	90	254.18	Before	Interior Girder 5	62.92	0.95	1	1	3.336371
HL93_serv_opr	BOBJ1	90	254.18	Before	Interior Girder 6	62.92	0.95	1	1	3.464305
HL93_serv_opr	BOBJ1	91	254.18	After	Interior Girder 1	62.92	0.95	1	1	4.238886
HL93_serv_opr	BOBJ1	91	254.18	After	Interior Girder 2	62.92	0.95	1	1	4.013534
HL93_serv_opr	BOBJ1	91	254.18	After	Interior Girder 3	62.92	0.95	1	1	3.683218
HL93_serv_opr	BOBJ1	91	254.18	After	Interior Girder 4	62.92	0.95	1	1	3.683218
HL93_serv_opr	BOBJ1	91	254.18	After	Interior Girder 5	62.92	0.95	1	1	4.013534
HL93_serv_opr	BOBJ1	91	254.18	After	Interior Girder 6	62.92	0.95	1	1	4.238886
HL93_serv_opr	BOBJ1	92	258.68	Before	Left Exterior Girder	67.42	0.95	1	1	3.944045
HL93_serv_opr	BOBJ1	92	258.68	Before	Interior Girder 1	67.42	0.95	1	1	2.586403
HL93_serv_opr	BOBJ1	92	258.68	Before	Interior Girder 2	67.42	0.95	1	1	2.513793
HL93_serv_opr	BOBJ1	92	258.68	Before	Interior Girder 3	67.42	0.95	1	1	2.139227
HL93_serv_opr	BOBJ1	92	258.68	Before	Interior Girder 4	67.42	0.95	1	1	2.139227
HL93_serv_opr	BOBJ1	92	258.68	Before	Interior Girder 5	67.42	0.95	1	1	2.513793
HL93_serv_opr	BOBJ1	92	258.68	Before	Interior Girder 6	67.42	0.95	1	1	2.586403
HL93_serv_opr	BOBJ1	92	258.68	Before	Right Exterior Girder	67.42	0.95	1	1	3.944045
HL93_serv_opr	BOBJ1	93	258.68	After	Left Exterior Girder	0	0.95	1	1	4.010583
HL93_serv_opr	BOBJ1	93	258.68	After	Interior Girder 1	0	0.95	1	1	2.657105
HL93_serv_opr	BOBJ1	93	258.68	After	Interior Girder 2	0	0.95	1	1	2.578951
HL93_serv_opr	BOBJ1	93	258.68	After	Interior Girder 3	0	0.95	1	1	2.169067
HL93_serv_opr	BOBJ1	93	258.68	After	Interior Girder 4	0	0.95	1	1	2.169067
HL93_serv_opr	BOBJ1	93	258.68	After	Interior Girder 5	0	0.95	1	1	2.578951
HL93_serv_opr	BOBJ1	93	258.68	After	Interior Girder 6	0	0.95	1	1	2.657105
HL93_serv_opr	BOBJ1	93	258.68	After	Right Exterior Girder	0	0.95	1	1	4.010583
HL93_serv_opr	BOBJ1	94	263.18	Before	Interior Girder 1	4.5	0.95	1	1	3.797584
HL93_serv_opr	BOBJ1	94	263.18	Before	Interior Girder 2	4.5	0.95	1	1	3.664556
HL93_serv_opr	BOBJ1	94	263.18	Before	Interior Girder 3	4.5	0.95	1	1	3.45659
HL93_serv_opr	BOBJ1	94	263.18	Before	Interior Girder 4	4.5	0.95	1	1	3.45659
HL93_serv_opr	BOBJ1	94	263.18	Before	Interior Girder 5	4.5	0.95	1	1	3.664556
HL93_serv_opr	BOBJ1	94	263.18	Before	Interior Girder 6	4.5	0.95	1	1	3.797584
HL93_serv_opr	BOBJ1	95	263.18	After	Interior Girder 1	4.5	0.95	1	1	3.105609
HL93_serv_opr	BOBJ1	95	263.18	After	Interior Girder 2	4.5	0.95	1	1	3.045091
HL93_serv_opr	BOBJ1	95	263.18	After	Interior Girder 3	4.5	0.95	1	1	2.848306
HL93_serv_opr	BOBJ1	95	263.18	After	Interior Girder 4	4.5	0.95	1	1	2.848306
HL93_serv_opr	BOBJ1	95	263.18	After	Interior Girder 5	4.5	0.95	1	1	3.045091
HL93_serv_opr	BOBJ1	95	263.18	After	Interior Girder 6	4.5	0.95	1	1	3.105609
HL93_serv_opr	BOBJ1	96	265.68	Before	Left Exterior Girder	7	0.95	1	1	6.208665
HL93_serv_opr	BOBJ1	96	265.68	Before	Right Exterior Girder	7	0.95	1	1	6.208665
HL93_serv_opr	BOBJ1	97	265.68	After	Left Exterior Girder	7	0.95	1	1	3.595327
HL93_serv_opr	BOBJ1	97	265.68	After	Right Exterior Girder	7	0.95	1	1	3.595327
HL93_serv_opr	BOBJ1	98	268.08	Before	Left Exterior Girder	9.4	0.95	1	1	4.284867
HL93_serv_opr	BOBJ1	98	268.08	Before	Interior Girder 1	9.4	0.95	1	1	4.179258
HL93_serv_opr	BOBJ1	98	268.08	Before	Interior Girder 2	9.4	0.95	1	1	4.115092
HL93_serv_opr	BOBJ1	98	268.08	Before	Interior Girder 3	9.4	0.95	1	1	4.095635
HL93_serv_opr	BOBJ1	98	268.08	Before	Interior Girder 4	9.4	0.95	1	1	4.095635
HL93_serv_opr	BOBJ1	98	268.08	Before	Interior Girder 5	9.4	0.95	1	1	4.115092
HL93_serv_opr	BOBJ1	98	268.08	Before	Interior Girder 6	9.4	0.95	1	1	4.179258
HL93_serv_opr	BOBJ1	98	268.08	Before	Right Exterior Girder	9.4	0.95	1	1	4.284867
HL93_serv_opr	BOBJ1	99	268.08	After	Left Exterior Girder	9.4	0.95	1	1	4.191811

TABLE: Bridge Super Rating AASHTORATE18 31 - SteelICompServ-Flx - Approach, Span 7-11										
Request	BridgeObj	BridgeCut	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	Unitless	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
HL93_serv_opr	BOBJ1	99	268.08	After	Interior Girder 1	9.4	0.95	1	1	4.240299
HL93_serv_opr	BOBJ1	99	268.08	After	Interior Girder 2	9.4	0.95	1	1	4.148383
HL93_serv_opr	BOBJ1	99	268.08	After	Interior Girder 3	9.4	0.95	1	1	4.094185
HL93_serv_opr	BOBJ1	99	268.08	After	Interior Girder 4	9.4	0.95	1	1	4.094185
HL93_serv_opr	BOBJ1	99	268.08	After	Interior Girder 5	9.4	0.95	1	1	4.148383
HL93_serv_opr	BOBJ1	99	268.08	After	Interior Girder 6	9.4	0.95	1	1	4.240299
HL93_serv_opr	BOBJ1	99	268.08	After	Right Exterior Girder	9.4	0.95	1	1	4.191811
HL93_serv_opr	BOBJ1	100	277.48	Before	Left Exterior Girder	18.8	0.95	1	1	4.864155
HL93_serv_opr	BOBJ1	100	277.48	Before	Interior Girder 1	18.8	0.95	1	1	4.447708
HL93_serv_opr	BOBJ1	100	277.48	Before	Interior Girder 2	18.8	0.95	1	1	4.11521
HL93_serv_opr	BOBJ1	100	277.48	Before	Interior Girder 3	18.8	0.95	1	1	4.049231
HL93_serv_opr	BOBJ1	100	277.48	Before	Interior Girder 4	18.8	0.95	1	1	4.049231
HL93_serv_opr	BOBJ1	100	277.48	Before	Interior Girder 5	18.8	0.95	1	1	4.11521
HL93_serv_opr	BOBJ1	100	277.48	Before	Interior Girder 6	18.8	0.95	1	1	4.447708
HL93_serv_opr	BOBJ1	100	277.48	Before	Right Exterior Girder	18.8	0.95	1	1	4.864155
HL93_serv_opr	BOBJ1	101	277.48	After	Left Exterior Girder	18.8	0.95	1	1	4.953523
HL93_serv_opr	BOBJ1	101	277.48	After	Interior Girder 1	18.8	0.95	1	1	4.380686
HL93_serv_opr	BOBJ1	101	277.48	After	Interior Girder 2	18.8	0.95	1	1	4.125444
HL93_serv_opr	BOBJ1	101	277.48	After	Interior Girder 3	18.8	0.95	1	1	4.108396
HL93_serv_opr	BOBJ1	101	277.48	After	Interior Girder 4	18.8	0.95	1	1	4.108396
HL93_serv_opr	BOBJ1	101	277.48	After	Interior Girder 5	18.8	0.95	1	1	4.125444
HL93_serv_opr	BOBJ1	101	277.48	After	Interior Girder 6	18.8	0.95	1	1	4.380686
HL93_serv_opr	BOBJ1	101	277.48	After	Right Exterior Girder	18.8	0.95	1	1	4.953523
HL93_serv_opr	BOBJ1	102	286.88	Before	Left Exterior Girder	28.2	0.95	1	1	3.578676
HL93_serv_opr	BOBJ1	102	286.88	Before	Interior Girder 1	28.2	0.95	1	1	2.928461
HL93_serv_opr	BOBJ1	102	286.88	Before	Interior Girder 2	28.2	0.95	1	1	2.826267
HL93_serv_opr	BOBJ1	102	286.88	Before	Interior Girder 3	28.2	0.95	1	1	2.753999
HL93_serv_opr	BOBJ1	102	286.88	Before	Interior Girder 4	28.2	0.95	1	1	2.753999
HL93_serv_opr	BOBJ1	102	286.88	Before	Interior Girder 5	28.2	0.95	1	1	2.826267
HL93_serv_opr	BOBJ1	102	286.88	Before	Interior Girder 6	28.2	0.95	1	1	2.928461
HL93_serv_opr	BOBJ1	102	286.88	Before	Right Exterior Girder	28.2	0.95	1	1	3.578676
HL93_serv_opr	BOBJ1	103	286.88	After	Left Exterior Girder	28.2	0.95	1	1	3.588984
HL93_serv_opr	BOBJ1	103	286.88	After	Interior Girder 1	28.2	0.95	1	1	2.925279
HL93_serv_opr	BOBJ1	103	286.88	After	Interior Girder 2	28.2	0.95	1	1	2.83417
HL93_serv_opr	BOBJ1	103	286.88	After	Interior Girder 3	28.2	0.95	1	1	2.771203
HL93_serv_opr	BOBJ1	103	286.88	After	Interior Girder 4	28.2	0.95	1	1	2.771203
HL93_serv_opr	BOBJ1	103	286.88	After	Interior Girder 5	28.2	0.95	1	1	2.83417
HL93_serv_opr	BOBJ1	103	286.88	After	Interior Girder 6	28.2	0.95	1	1	2.925279
HL93_serv_opr	BOBJ1	103	286.88	After	Right Exterior Girder	28.2	0.95	1	1	3.588984
HL93_serv_opr	BOBJ1	104	296.28	Before	Left Exterior Girder	37.6	0.95	1	1	3.353575
HL93_serv_opr	BOBJ1	104	296.28	Before	Interior Girder 1	37.6	0.95	1	1	3.097451
HL93_serv_opr	BOBJ1	104	296.28	Before	Interior Girder 2	37.6	0.95	1	1	2.960635
HL93_serv_opr	BOBJ1	104	296.28	Before	Interior Girder 3	37.6	0.95	1	1	2.959205
HL93_serv_opr	BOBJ1	104	296.28	Before	Interior Girder 4	37.6	0.95	1	1	2.959205
HL93_serv_opr	BOBJ1	104	296.28	Before	Interior Girder 5	37.6	0.95	1	1	2.960635
HL93_serv_opr	BOBJ1	104	296.28	Before	Interior Girder 6	37.6	0.95	1	1	3.097451
HL93_serv_opr	BOBJ1	104	296.28	Before	Right Exterior Girder	37.6	0.95	1	1	3.353575
HL93_serv_opr	BOBJ1	105	296.28	After	Left Exterior Girder	37.6	0.95	1	1	3.316575
HL93_serv_opr	BOBJ1	105	296.28	After	Interior Girder 1	37.6	0.95	1	1	3.126328
HL93_serv_opr	BOBJ1	105	296.28	After	Interior Girder 2	37.6	0.95	1	1	2.955093
HL93_serv_opr	BOBJ1	105	296.28	After	Interior Girder 3	37.6	0.95	1	1	2.935037
HL93_serv_opr	BOBJ1	105	296.28	After	Interior Girder 4	37.6	0.95	1	1	2.935037
HL93_serv_opr	BOBJ1	105	296.28	After	Interior Girder 5	37.6	0.95	1	1	2.955093
HL93_serv_opr	BOBJ1	105	296.28	After	Interior Girder 6	37.6	0.95	1	1	3.126328
HL93_serv_opr	BOBJ1	105	296.28	After	Right Exterior Girder	37.6	0.95	1	1	3.316575
HL93_serv_opr	BOBJ1	106	305.69	Before	Left Exterior Girder	47.01	0.95	1	1	5.898798
HL93_serv_opr	BOBJ1	106	305.69	Before	Interior Girder 1	47.01	0.95	1	1	4.235245
HL93_serv_opr	BOBJ1	106	305.69	Before	Interior Girder 2	47.01	0.95	1	1	4.092908
HL93_serv_opr	BOBJ1	106	305.69	Before	Interior Girder 3	47.01	0.95	1	1	3.923707
HL93_serv_opr	BOBJ1	106	305.69	Before	Interior Girder 4	47.01	0.95	1	1	3.923707
HL93_serv_opr	BOBJ1	106	305.69	Before	Interior Girder 5	47.01	0.95	1	1	4.092908
HL93_serv_opr	BOBJ1	106	305.69	Before	Interior Girder 6	47.01	0.95	1	1	4.235245
HL93_serv_opr	BOBJ1	106	305.69	Before	Right Exterior Girder	47.01	0.95	1	1	5.898798
HL93_serv_opr	BOBJ1	107	305.69	After	Left Exterior Girder	47.01	0.95	1	1	5.885037
HL93_serv_opr	BOBJ1	107	305.69	After	Interior Girder 1	47.01	0.95	1	1	4.249531
HL93_serv_opr	BOBJ1	107	305.69	After	Interior Girder 2	47.01	0.95	1	1	4.018027
HL93_serv_opr	BOBJ1	107	305.69	After	Interior Girder 3	47.01	0.95	1	1	3.796515
HL93_serv_opr	BOBJ1	107	305.69	After	Interior Girder 4	47.01	0.95	1	1	3.796515
HL93_serv_opr	BOBJ1	107	305.69	After	Interior Girder 5	47.01	0.95	1	1	4.018027
HL93_serv_opr	BOBJ1	107	305.69	After	Interior Girder 6	47.01	0.95	1	1	4.249531
HL93_serv_opr	BOBJ1	107	305.69	After	Right Exterior Girder	47.01	0.95	1	1	5.885037
HL93_serv_opr	BOBJ1	108	315.1	Before	Left Exterior Girder	56.42	0.95	1	1	323.690677
HL93_serv_opr	BOBJ1	108	315.1	Before	Interior Girder 1	56.42	0.95	1	1	406.55918

TABLE: Bridge Super Rating AASHTORATE18 31 - SteelICompServ-Flx - Approach, Span 7-11										
Request	BridgeObj	BridgeCut	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	Unitless	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
HL93_serv_opr	BOBJ1	108	315.1	Before	Interior Girder 2	56.42	0.95	1	1	215.362047
HL93_serv_opr	BOBJ1	108	315.1	Before	Interior Girder 3	56.42	0.95	1	1	157.055662
HL93_serv_opr	BOBJ1	108	315.1	Before	Interior Girder 4	56.42	0.95	1	1	157.055662
HL93_serv_opr	BOBJ1	108	315.1	Before	Interior Girder 5	56.42	0.95	1	1	215.362048
HL93_serv_opr	BOBJ1	108	315.1	Before	Interior Girder 6	56.42	0.95	1	1	406.559179
HL93_serv_opr	BOBJ1	108	315.1	Before	Right Exterior Girder	56.42	0.95	1	1	323.690679
HL93_serv_inv	BOBJ1	1	0	After	Left Exterior Girder	0	0.95	1	1	237.844081
HL93_serv_inv	BOBJ1	1	0	After	Interior Girder 1	0	0.95	1	1	285.821625
HL93_serv_inv	BOBJ1	1	0	After	Interior Girder 2	0	0.95	1	1	168.878548
HL93_serv_inv	BOBJ1	1	0	After	Interior Girder 3	0	0.95	1	1	117.789056
HL93_serv_inv	BOBJ1	1	0	After	Interior Girder 4	0	0.95	1	1	117.789056
HL93_serv_inv	BOBJ1	1	0	After	Interior Girder 5	0	0.95	1	1	168.878548
HL93_serv_inv	BOBJ1	1	0	After	Interior Girder 6	0	0.95	1	1	285.821628
HL93_serv_inv	BOBJ1	1	0	After	Right Exterior Girder	0	0.95	1	1	237.844081
HL93_serv_inv	BOBJ1	2	9.4	Before	Left Exterior Girder	9.4	0.95	1	1	4.504264
HL93_serv_inv	BOBJ1	2	9.4	Before	Interior Girder 1	9.4	0.95	1	1	3.260067
HL93_serv_inv	BOBJ1	2	9.4	Before	Interior Girder 2	9.4	0.95	1	1	3.084855
HL93_serv_inv	BOBJ1	2	9.4	Before	Interior Girder 3	9.4	0.95	1	1	2.917814
HL93_serv_inv	BOBJ1	2	9.4	Before	Interior Girder 4	9.4	0.95	1	1	2.917814
HL93_serv_inv	BOBJ1	2	9.4	Before	Interior Girder 5	9.4	0.95	1	1	3.084855
HL93_serv_inv	BOBJ1	2	9.4	Before	Interior Girder 6	9.4	0.95	1	1	3.260067
HL93_serv_inv	BOBJ1	2	9.4	Before	Right Exterior Girder	9.4	0.95	1	1	4.504264
HL93_serv_inv	BOBJ1	3	9.4	After	Left Exterior Girder	9.4	0.95	1	1	4.517086
HL93_serv_inv	BOBJ1	3	9.4	After	Interior Girder 1	9.4	0.95	1	1	3.247814
HL93_serv_inv	BOBJ1	3	9.4	After	Interior Girder 2	9.4	0.95	1	1	3.142377
HL93_serv_inv	BOBJ1	3	9.4	After	Interior Girder 3	9.4	0.95	1	1	3.015714
HL93_serv_inv	BOBJ1	3	9.4	After	Interior Girder 4	9.4	0.95	1	1	3.015714
HL93_serv_inv	BOBJ1	3	9.4	After	Interior Girder 5	9.4	0.95	1	1	3.142377
HL93_serv_inv	BOBJ1	3	9.4	After	Interior Girder 6	9.4	0.95	1	1	3.247814
HL93_serv_inv	BOBJ1	3	9.4	After	Right Exterior Girder	9.4	0.95	1	1	4.517086
HL93_serv_inv	BOBJ1	4	18.8	Before	Left Exterior Girder	18.8	0.95	1	1	2.544363
HL93_serv_inv	BOBJ1	4	18.8	Before	Interior Girder 1	18.8	0.95	1	1	2.395739
HL93_serv_inv	BOBJ1	4	18.8	Before	Interior Girder 2	18.8	0.95	1	1	2.268682
HL93_serv_inv	BOBJ1	4	18.8	Before	Interior Girder 3	18.8	0.95	1	1	2.255826
HL93_serv_inv	BOBJ1	4	18.8	Before	Interior Girder 4	18.8	0.95	1	1	2.255826
HL93_serv_inv	BOBJ1	4	18.8	Before	Interior Girder 5	18.8	0.95	1	1	2.268682
HL93_serv_inv	BOBJ1	4	18.8	Before	Interior Girder 6	18.8	0.95	1	1	2.395739
HL93_serv_inv	BOBJ1	4	18.8	Before	Right Exterior Girder	18.8	0.95	1	1	2.544363
HL93_serv_inv	BOBJ1	5	18.8	After	Left Exterior Girder	18.8	0.95	1	1	2.572423
HL93_serv_inv	BOBJ1	5	18.8	After	Interior Girder 1	18.8	0.95	1	1	2.374233
HL93_serv_inv	BOBJ1	5	18.8	After	Interior Girder 2	18.8	0.95	1	1	2.272716
HL93_serv_inv	BOBJ1	5	18.8	After	Interior Girder 3	18.8	0.95	1	1	2.274134
HL93_serv_inv	BOBJ1	5	18.8	After	Interior Girder 4	18.8	0.95	1	1	2.274134
HL93_serv_inv	BOBJ1	5	18.8	After	Interior Girder 5	18.8	0.95	1	1	2.272716
HL93_serv_inv	BOBJ1	5	18.8	After	Interior Girder 6	18.8	0.95	1	1	2.374233
HL93_serv_inv	BOBJ1	5	18.8	After	Right Exterior Girder	18.8	0.95	1	1	2.572423
HL93_serv_inv	BOBJ1	6	28.2	Before	Left Exterior Girder	28.2	0.95	1	1	2.75547
HL93_serv_inv	BOBJ1	6	28.2	Before	Interior Girder 1	28.2	0.95	1	1	2.244072
HL93_serv_inv	BOBJ1	6	28.2	Before	Interior Girder 2	28.2	0.95	1	1	2.175869
HL93_serv_inv	BOBJ1	6	28.2	Before	Interior Girder 3	28.2	0.95	1	1	2.128985
HL93_serv_inv	BOBJ1	6	28.2	Before	Interior Girder 4	28.2	0.95	1	1	2.128985
HL93_serv_inv	BOBJ1	6	28.2	Before	Interior Girder 5	28.2	0.95	1	1	2.175869
HL93_serv_inv	BOBJ1	6	28.2	Before	Interior Girder 6	28.2	0.95	1	1	2.244072
HL93_serv_inv	BOBJ1	6	28.2	Before	Right Exterior Girder	28.2	0.95	1	1	2.75547
HL93_serv_inv	BOBJ1	7	28.2	After	Left Exterior Girder	28.2	0.95	1	1	2.74749
HL93_serv_inv	BOBJ1	7	28.2	After	Interior Girder 1	28.2	0.95	1	1	2.24631
HL93_serv_inv	BOBJ1	7	28.2	After	Interior Girder 2	28.2	0.95	1	1	2.169809
HL93_serv_inv	BOBJ1	7	28.2	After	Interior Girder 3	28.2	0.95	1	1	2.115876
HL93_serv_inv	BOBJ1	7	28.2	After	Interior Girder 4	28.2	0.95	1	1	2.115876
HL93_serv_inv	BOBJ1	7	28.2	After	Interior Girder 5	28.2	0.95	1	1	2.169809
HL93_serv_inv	BOBJ1	7	28.2	After	Interior Girder 6	28.2	0.95	1	1	2.24631
HL93_serv_inv	BOBJ1	7	28.2	After	Right Exterior Girder	28.2	0.95	1	1	2.74749
HL93_serv_inv	BOBJ1	8	37.6	Before	Left Exterior Girder	37.6	0.95	1	1	3.804892
HL93_serv_inv	BOBJ1	8	37.6	Before	Interior Girder 1	37.6	0.95	1	1	3.362016
HL93_serv_inv	BOBJ1	8	37.6	Before	Interior Girder 2	37.6	0.95	1	1	3.167081
HL93_serv_inv	BOBJ1	8	37.6	Before	Interior Girder 3	37.6	0.95	1	1	3.154731
HL93_serv_inv	BOBJ1	8	37.6	Before	Interior Girder 4	37.6	0.95	1	1	3.154731
HL93_serv_inv	BOBJ1	8	37.6	Before	Interior Girder 5	37.6	0.95	1	1	3.167081
HL93_serv_inv	BOBJ1	8	37.6	Before	Interior Girder 6	37.6	0.95	1	1	3.362016
HL93_serv_inv	BOBJ1	8	37.6	Before	Right Exterior Girder	37.6	0.95	1	1	3.804892
HL93_serv_inv	BOBJ1	9	37.6	After	Left Exterior Girder	37.6	0.95	1	1	3.736103
HL93_serv_inv	BOBJ1	9	37.6	After	Interior Girder 1	37.6	0.95	1	1	3.412993
HL93_serv_inv	BOBJ1	9	37.6	After	Interior Girder 2	37.6	0.95	1	1	3.159412

TABLE: Bridge Super Rating AASHTORATE18 31 - SteelICompServ-Flx - Approach, Span 7-11										
Request	BridgeObj	BridgeCut	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	Unitless	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
HL93_serv_inv	BOBJ1	9	37.6	After	Interior Girder 3	37.6	0.95	1	1	3.109673
HL93_serv_inv	BOBJ1	9	37.6	After	Interior Girder 4	37.6	0.95	1	1	3.109673
HL93_serv_inv	BOBJ1	9	37.6	After	Interior Girder 5	37.6	0.95	1	1	3.159412
HL93_serv_inv	BOBJ1	9	37.6	After	Interior Girder 6	37.6	0.95	1	1	3.412993
HL93_serv_inv	BOBJ1	9	37.6	After	Right Exterior Girder	37.6	0.95	1	1	3.736103
HL93_serv_inv	BOBJ1	10	47.01	Before	Left Exterior Girder	47.01	0.95	1	1	3.224711
HL93_serv_inv	BOBJ1	10	47.01	Before	Interior Girder 1	47.01	0.95	1	1	3.262113
HL93_serv_inv	BOBJ1	10	47.01	Before	Interior Girder 2	47.01	0.95	1	1	3.19131
HL93_serv_inv	BOBJ1	10	47.01	Before	Interior Girder 3	47.01	0.95	1	1	3.152514
HL93_serv_inv	BOBJ1	10	47.01	Before	Interior Girder 4	47.01	0.95	1	1	3.152514
HL93_serv_inv	BOBJ1	10	47.01	Before	Interior Girder 5	47.01	0.95	1	1	3.19131
HL93_serv_inv	BOBJ1	10	47.01	Before	Interior Girder 6	47.01	0.95	1	1	3.262113
HL93_serv_inv	BOBJ1	10	47.01	Before	Right Exterior Girder	47.01	0.95	1	1	3.224711
HL93_serv_inv	BOBJ1	11	47.01	After	Left Exterior Girder	47.01	0.95	1	1	3.296216
HL93_serv_inv	BOBJ1	11	47.01	After	Interior Girder 1	47.01	0.95	1	1	3.215662
HL93_serv_inv	BOBJ1	11	47.01	After	Interior Girder 2	47.01	0.95	1	1	3.165494
HL93_serv_inv	BOBJ1	11	47.01	After	Interior Girder 3	47.01	0.95	1	1	3.153665
HL93_serv_inv	BOBJ1	11	47.01	After	Interior Girder 4	47.01	0.95	1	1	3.153665
HL93_serv_inv	BOBJ1	11	47.01	After	Interior Girder 5	47.01	0.95	1	1	3.165494
HL93_serv_inv	BOBJ1	11	47.01	After	Interior Girder 6	47.01	0.95	1	1	3.215662
HL93_serv_inv	BOBJ1	11	47.01	After	Right Exterior Girder	47.01	0.95	1	1	3.296216
HL93_serv_inv	BOBJ1	12	49.42	Before	Left Exterior Girder	49.42	0.95	1	1	2.755608
HL93_serv_inv	BOBJ1	12	49.42	Before	Right Exterior Girder	49.42	0.95	1	1	2.755608
HL93_serv_inv	BOBJ1	13	49.42	After	Left Exterior Girder	49.42	0.95	1	1	4.763685
HL93_serv_inv	BOBJ1	13	49.42	After	Right Exterior Girder	49.42	0.95	1	1	4.763685
HL93_serv_inv	BOBJ1	14	51.92	Before	Interior Girder 1	51.92	0.95	1	1	2.385205
HL93_serv_inv	BOBJ1	14	51.92	Before	Interior Girder 2	51.92	0.95	1	1	2.339459
HL93_serv_inv	BOBJ1	14	51.92	Before	Interior Girder 3	51.92	0.95	1	1	2.191641
HL93_serv_inv	BOBJ1	14	51.92	Before	Interior Girder 4	51.92	0.95	1	1	2.191641
HL93_serv_inv	BOBJ1	14	51.92	Before	Interior Girder 5	51.92	0.95	1	1	2.339459
HL93_serv_inv	BOBJ1	14	51.92	Before	Interior Girder 6	51.92	0.95	1	1	2.385205
HL93_serv_inv	BOBJ1	15	51.92	After	Interior Girder 1	51.92	0.95	1	1	2.917362
HL93_serv_inv	BOBJ1	15	51.92	After	Interior Girder 2	51.92	0.95	1	1	2.815545
HL93_serv_inv	BOBJ1	15	51.92	After	Interior Girder 3	51.92	0.95	1	1	2.660092
HL93_serv_inv	BOBJ1	15	51.92	After	Interior Girder 4	51.92	0.95	1	1	2.660092
HL93_serv_inv	BOBJ1	15	51.92	After	Interior Girder 5	51.92	0.95	1	1	2.815545
HL93_serv_inv	BOBJ1	15	51.92	After	Interior Girder 6	51.92	0.95	1	1	2.917362
HL93_serv_inv	BOBJ1	16	56.42	Before	Left Exterior Girder	56.42	0.95	1	1	3.082712
HL93_serv_inv	BOBJ1	16	56.42	Before	Interior Girder 1	56.42	0.95	1	1	2.038577
HL93_serv_inv	BOBJ1	16	56.42	Before	Interior Girder 2	56.42	0.95	1	1	1.97938
HL93_serv_inv	BOBJ1	16	56.42	Before	Interior Girder 3	56.42	0.95	1	1	1.668135
HL93_serv_inv	BOBJ1	16	56.42	Before	Interior Girder 4	56.42	0.95	1	1	1.668135
HL93_serv_inv	BOBJ1	16	56.42	Before	Interior Girder 5	56.42	0.95	1	1	1.97938
HL93_serv_inv	BOBJ1	16	56.42	Before	Interior Girder 6	56.42	0.95	1	1	2.038577
HL93_serv_inv	BOBJ1	16	56.42	Before	Right Exterior Girder	56.42	0.95	1	1	3.082712
HL93_serv_inv	BOBJ1	17	56.42	After	Left Exterior Girder	0	0.95	1	1	3.024076
HL93_serv_inv	BOBJ1	17	56.42	After	Interior Girder 1	0	0.95	1	1	1.989224
HL93_serv_inv	BOBJ1	17	56.42	After	Interior Girder 2	0	0.95	1	1	1.935461
HL93_serv_inv	BOBJ1	17	56.42	After	Interior Girder 3	0	0.95	1	1	1.643872
HL93_serv_inv	BOBJ1	17	56.42	After	Interior Girder 4	0	0.95	1	1	1.643872
HL93_serv_inv	BOBJ1	17	56.42	After	Interior Girder 5	0	0.95	1	1	1.935461
HL93_serv_inv	BOBJ1	17	56.42	After	Interior Girder 6	0	0.95	1	1	1.989224
HL93_serv_inv	BOBJ1	17	56.42	After	Right Exterior Girder	0	0.95	1	1	3.024076
HL93_serv_inv	BOBJ1	18	60.92	Before	Interior Girder 1	4.5	0.95	1	1	3.259931
HL93_serv_inv	BOBJ1	18	60.92	Before	Interior Girder 2	4.5	0.95	1	1	3.088895
HL93_serv_inv	BOBJ1	18	60.92	Before	Interior Girder 3	4.5	0.95	1	1	2.830284
HL93_serv_inv	BOBJ1	18	60.92	Before	Interior Girder 4	4.5	0.95	1	1	2.830284
HL93_serv_inv	BOBJ1	18	60.92	Before	Interior Girder 5	4.5	0.95	1	1	3.088895
HL93_serv_inv	BOBJ1	18	60.92	Before	Interior Girder 6	4.5	0.95	1	1	3.259931
HL93_serv_inv	BOBJ1	19	60.92	After	Interior Girder 1	4.5	0.95	1	1	2.663647
HL93_serv_inv	BOBJ1	19	60.92	After	Interior Girder 2	4.5	0.95	1	1	2.567441
HL93_serv_inv	BOBJ1	19	60.92	After	Interior Girder 3	4.5	0.95	1	1	2.333053
HL93_serv_inv	BOBJ1	19	60.92	After	Interior Girder 4	4.5	0.95	1	1	2.333053
HL93_serv_inv	BOBJ1	19	60.92	After	Interior Girder 5	4.5	0.95	1	1	2.567441
HL93_serv_inv	BOBJ1	19	60.92	After	Interior Girder 6	4.5	0.95	1	1	2.663647
HL93_serv_inv	BOBJ1	20	63.42	Before	Left Exterior Girder	7	0.95	1	1	5.70235
HL93_serv_inv	BOBJ1	20	63.42	Before	Right Exterior Girder	7	0.95	1	1	5.70235
HL93_serv_inv	BOBJ1	21	63.42	After	Left Exterior Girder	7	0.95	1	1	3.282041
HL93_serv_inv	BOBJ1	21	63.42	After	Right Exterior Girder	7	0.95	1	1	3.282041
HL93_serv_inv	BOBJ1	22	64.845	Before	Left Exterior Girder	8.425	0.95	1	1	3.707703
HL93_serv_inv	BOBJ1	22	64.845	Before	Interior Girder 1	8.425	0.95	1	1	3.504252
HL93_serv_inv	BOBJ1	22	64.845	Before	Interior Girder 2	8.425	0.95	1	1	3.351844
HL93_serv_inv	BOBJ1	22	64.845	Before	Interior Girder 3	8.425	0.95	1	1	3.244425

TABLE: Bridge Super Rating AASHTORATE18 31 - SteelCompServ-Flx - Approach, Span 7-11										
Request	BridgeObj	BridgeCut	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	Unitless	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
HL93_serv_inv	BOBJ1	22	64.845	Before	Interior Girder 4	8.425	0.95	1	1	3.244425
HL93_serv_inv	BOBJ1	22	64.845	Before	Interior Girder 5	8.425	0.95	1	1	3.351844
HL93_serv_inv	BOBJ1	22	64.845	Before	Interior Girder 6	8.425	0.95	1	1	3.504252
HL93_serv_inv	BOBJ1	22	64.845	Before	Right Exterior Girder	8.425	0.95	1	1	3.707703
HL93_serv_inv	BOBJ1	23	64.845	After	Left Exterior Girder	8.425	0.95	1	1	3.669235
HL93_serv_inv	BOBJ1	23	64.845	After	Interior Girder 1	8.425	0.95	1	1	3.53965
HL93_serv_inv	BOBJ1	23	64.845	After	Interior Girder 2	8.425	0.95	1	1	3.37932
HL93_serv_inv	BOBJ1	23	64.845	After	Interior Girder 3	8.425	0.95	1	1	3.251387
HL93_serv_inv	BOBJ1	23	64.845	After	Interior Girder 4	8.425	0.95	1	1	3.251387
HL93_serv_inv	BOBJ1	23	64.845	After	Interior Girder 5	8.425	0.95	1	1	3.37932
HL93_serv_inv	BOBJ1	23	64.845	After	Interior Girder 6	8.425	0.95	1	1	3.53965
HL93_serv_inv	BOBJ1	23	64.845	After	Right Exterior Girder	8.425	0.95	1	1	3.669235
HL93_serv_inv	BOBJ1	24	69.92	Before	Left Exterior Girder	13.5	0.95	1	1	5.116011
HL93_serv_inv	BOBJ1	24	69.92	Before	Interior Girder 1	13.5	0.95	1	1	4.690047
HL93_serv_inv	BOBJ1	24	69.92	Before	Interior Girder 2	13.5	0.95	1	1	4.541303
HL93_serv_inv	BOBJ1	24	69.92	Before	Interior Girder 3	13.5	0.95	1	1	4.704364
HL93_serv_inv	BOBJ1	24	69.92	Before	Interior Girder 4	13.5	0.95	1	1	4.704364
HL93_serv_inv	BOBJ1	24	69.92	Before	Interior Girder 5	13.5	0.95	1	1	4.541303
HL93_serv_inv	BOBJ1	24	69.92	Before	Interior Girder 6	13.5	0.95	1	1	4.690047
HL93_serv_inv	BOBJ1	24	69.92	Before	Right Exterior Girder	13.5	0.95	1	1	5.116011
HL93_serv_inv	BOBJ1	25	69.92	After	Left Exterior Girder	13.5	0.95	1	1	4.385982
HL93_serv_inv	BOBJ1	25	69.92	After	Interior Girder 1	13.5	0.95	1	1	4.386856
HL93_serv_inv	BOBJ1	25	69.92	After	Interior Girder 2	13.5	0.95	1	1	4.254249
HL93_serv_inv	BOBJ1	25	69.92	After	Interior Girder 3	13.5	0.95	1	1	4.384163
HL93_serv_inv	BOBJ1	25	69.92	After	Interior Girder 4	13.5	0.95	1	1	4.384163
HL93_serv_inv	BOBJ1	25	69.92	After	Interior Girder 5	13.5	0.95	1	1	4.254249
HL93_serv_inv	BOBJ1	25	69.92	After	Interior Girder 6	13.5	0.95	1	1	4.386856
HL93_serv_inv	BOBJ1	25	69.92	After	Right Exterior Girder	13.5	0.95	1	1	4.385982
HL93_serv_inv	BOBJ1	26	73.27	Before	Left Exterior Girder	16.85	0.95	1	1	4.797686
HL93_serv_inv	BOBJ1	26	73.27	Before	Interior Girder 1	16.85	0.95	1	1	4.22052
HL93_serv_inv	BOBJ1	26	73.27	Before	Interior Girder 2	16.85	0.95	1	1	3.877173
HL93_serv_inv	BOBJ1	26	73.27	Before	Interior Girder 3	16.85	0.95	1	1	3.787652
HL93_serv_inv	BOBJ1	26	73.27	Before	Interior Girder 4	16.85	0.95	1	1	3.787652
HL93_serv_inv	BOBJ1	26	73.27	Before	Interior Girder 5	16.85	0.95	1	1	3.877173
HL93_serv_inv	BOBJ1	26	73.27	Before	Interior Girder 6	16.85	0.95	1	1	4.22052
HL93_serv_inv	BOBJ1	26	73.27	Before	Right Exterior Girder	16.85	0.95	1	1	4.797686
HL93_serv_inv	BOBJ1	27	73.27	After	Left Exterior Girder	16.85	0.95	1	1	4.91328
HL93_serv_inv	BOBJ1	27	73.27	After	Interior Girder 1	16.85	0.95	1	1	4.149324
HL93_serv_inv	BOBJ1	27	73.27	After	Interior Girder 2	16.85	0.95	1	1	3.858664
HL93_serv_inv	BOBJ1	27	73.27	After	Interior Girder 3	16.85	0.95	1	1	3.820416
HL93_serv_inv	BOBJ1	27	73.27	After	Interior Girder 4	16.85	0.95	1	1	3.820416
HL93_serv_inv	BOBJ1	27	73.27	After	Interior Girder 5	16.85	0.95	1	1	3.858664
HL93_serv_inv	BOBJ1	27	73.27	After	Interior Girder 6	16.85	0.95	1	1	4.149324
HL93_serv_inv	BOBJ1	27	73.27	After	Right Exterior Girder	16.85	0.95	1	1	4.91328
HL93_serv_inv	BOBJ1	28	81.695	Before	Left Exterior Girder	25.275	0.95	1	1	2.893428
HL93_serv_inv	BOBJ1	28	81.695	Before	Interior Girder 1	25.275	0.95	1	1	2.477791
HL93_serv_inv	BOBJ1	28	81.695	Before	Interior Girder 2	25.275	0.95	1	1	2.393892
HL93_serv_inv	BOBJ1	28	81.695	Before	Interior Girder 3	25.275	0.95	1	1	2.340616
HL93_serv_inv	BOBJ1	28	81.695	Before	Interior Girder 4	25.275	0.95	1	1	2.340616
HL93_serv_inv	BOBJ1	28	81.695	Before	Interior Girder 5	25.275	0.95	1	1	2.393892
HL93_serv_inv	BOBJ1	28	81.695	Before	Interior Girder 6	25.275	0.95	1	1	2.477791
HL93_serv_inv	BOBJ1	28	81.695	Before	Right Exterior Girder	25.275	0.95	1	1	2.893428
HL93_serv_inv	BOBJ1	29	81.695	After	Left Exterior Girder	25.275	0.95	1	1	2.93905
HL93_serv_inv	BOBJ1	29	81.695	After	Interior Girder 1	25.275	0.95	1	1	2.457875
HL93_serv_inv	BOBJ1	29	81.695	After	Interior Girder 2	25.275	0.95	1	1	2.392857
HL93_serv_inv	BOBJ1	29	81.695	After	Interior Girder 3	25.275	0.95	1	1	2.365971
HL93_serv_inv	BOBJ1	29	81.695	After	Interior Girder 4	25.275	0.95	1	1	2.365971
HL93_serv_inv	BOBJ1	29	81.695	After	Interior Girder 5	25.275	0.95	1	1	2.392857
HL93_serv_inv	BOBJ1	29	81.695	After	Interior Girder 6	25.275	0.95	1	1	2.457875
HL93_serv_inv	BOBJ1	29	81.695	After	Right Exterior Girder	25.275	0.95	1	1	2.93905
HL93_serv_inv	BOBJ1	30	90.12	Before	Left Exterior Girder	33.7	0.95	1	1	2.320288
HL93_serv_inv	BOBJ1	30	90.12	Before	Interior Girder 1	33.7	0.95	1	1	2.286806
HL93_serv_inv	BOBJ1	30	90.12	Before	Interior Girder 2	33.7	0.95	1	1	2.232413
HL93_serv_inv	BOBJ1	30	90.12	Before	Interior Girder 3	33.7	0.95	1	1	2.245455
HL93_serv_inv	BOBJ1	30	90.12	Before	Interior Girder 4	33.7	0.95	1	1	2.245455
HL93_serv_inv	BOBJ1	30	90.12	Before	Interior Girder 5	33.7	0.95	1	1	2.232413
HL93_serv_inv	BOBJ1	30	90.12	Before	Interior Girder 6	33.7	0.95	1	1	2.286806
HL93_serv_inv	BOBJ1	30	90.12	Before	Right Exterior Girder	33.7	0.95	1	1	2.320288
HL93_serv_inv	BOBJ1	31	90.12	After	Left Exterior Girder	33.7	0.95	1	1	2.324234
HL93_serv_inv	BOBJ1	31	90.12	After	Interior Girder 1	33.7	0.95	1	1	2.285695
HL93_serv_inv	BOBJ1	31	90.12	After	Interior Girder 2	33.7	0.95	1	1	2.229768
HL93_serv_inv	BOBJ1	31	90.12	After	Interior Girder 3	33.7	0.95	1	1	2.244547
HL93_serv_inv	BOBJ1	31	90.12	After	Interior Girder 4	33.7	0.95	1	1	2.244547

TABLE: Bridge Super Rating AASHTORATE18 31 - SteelICompServ-Flx - Approach, Span 7-11										
Request	BridgeObj	BridgeCut	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	Unitless	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
HL93_serv_inv	BOBJ1	31	90.12	After	Interior Girder 5	33.7	0.95	1	1	2.229768
HL93_serv_inv	BOBJ1	31	90.12	After	Interior Girder 6	33.7	0.95	1	1	2.285695
HL93_serv_inv	BOBJ1	31	90.12	After	Right Exterior Girder	33.7	0.95	1	1	2.324234
HL93_serv_inv	BOBJ1	32	98.545	Before	Left Exterior Girder	42.125	0.95	1	1	2.817902
HL93_serv_inv	BOBJ1	32	98.545	Before	Interior Girder 1	42.125	0.95	1	1	2.397692
HL93_serv_inv	BOBJ1	32	98.545	Before	Interior Girder 2	42.125	0.95	1	1	2.346217
HL93_serv_inv	BOBJ1	32	98.545	Before	Interior Girder 3	42.125	0.95	1	1	2.325631
HL93_serv_inv	BOBJ1	32	98.545	Before	Interior Girder 4	42.125	0.95	1	1	2.325631
HL93_serv_inv	BOBJ1	32	98.545	Before	Interior Girder 5	42.125	0.95	1	1	2.346217
HL93_serv_inv	BOBJ1	32	98.545	Before	Interior Girder 6	42.125	0.95	1	1	2.397692
HL93_serv_inv	BOBJ1	32	98.545	Before	Right Exterior Girder	42.125	0.95	1	1	2.817902
HL93_serv_inv	BOBJ1	33	98.545	After	Left Exterior Girder	42.125	0.95	1	1	2.783849
HL93_serv_inv	BOBJ1	33	98.545	After	Interior Girder 1	42.125	0.95	1	1	2.4132
HL93_serv_inv	BOBJ1	33	98.545	After	Interior Girder 2	42.125	0.95	1	1	2.344893
HL93_serv_inv	BOBJ1	33	98.545	After	Interior Girder 3	42.125	0.95	1	1	2.300812
HL93_serv_inv	BOBJ1	33	98.545	After	Interior Girder 4	42.125	0.95	1	1	2.300812
HL93_serv_inv	BOBJ1	33	98.545	After	Interior Girder 5	42.125	0.95	1	1	2.344893
HL93_serv_inv	BOBJ1	33	98.545	After	Interior Girder 6	42.125	0.95	1	1	2.4132
HL93_serv_inv	BOBJ1	33	98.545	After	Right Exterior Girder	42.125	0.95	1	1	2.783849
HL93_serv_inv	BOBJ1	34	106.97	Before	Left Exterior Girder	50.55	0.95	1	1	4.388188
HL93_serv_inv	BOBJ1	34	106.97	Before	Interior Girder 1	50.55	0.95	1	1	3.894798
HL93_serv_inv	BOBJ1	34	106.97	Before	Interior Girder 2	50.55	0.95	1	1	3.672942
HL93_serv_inv	BOBJ1	34	106.97	Before	Interior Girder 3	50.55	0.95	1	1	3.675982
HL93_serv_inv	BOBJ1	34	106.97	Before	Interior Girder 4	50.55	0.95	1	1	3.675982
HL93_serv_inv	BOBJ1	34	106.97	Before	Interior Girder 5	50.55	0.95	1	1	3.672942
HL93_serv_inv	BOBJ1	34	106.97	Before	Interior Girder 6	50.55	0.95	1	1	3.894798
HL93_serv_inv	BOBJ1	34	106.97	Before	Right Exterior Girder	50.55	0.95	1	1	4.388188
HL93_serv_inv	BOBJ1	35	106.97	After	Left Exterior Girder	50.55	0.95	1	1	4.322986
HL93_serv_inv	BOBJ1	35	106.97	After	Interior Girder 1	50.55	0.95	1	1	3.960062
HL93_serv_inv	BOBJ1	35	106.97	After	Interior Girder 2	50.55	0.95	1	1	3.670812
HL93_serv_inv	BOBJ1	35	106.97	After	Interior Girder 3	50.55	0.95	1	1	3.610345
HL93_serv_inv	BOBJ1	35	106.97	After	Interior Girder 4	50.55	0.95	1	1	3.610345
HL93_serv_inv	BOBJ1	35	106.97	After	Interior Girder 5	50.55	0.95	1	1	3.670812
HL93_serv_inv	BOBJ1	35	106.97	After	Interior Girder 6	50.55	0.95	1	1	3.960062
HL93_serv_inv	BOBJ1	35	106.97	After	Right Exterior Girder	50.55	0.95	1	1	4.322986
HL93_serv_inv	BOBJ1	36	115.405	Before	Left Exterior Girder	58.985	0.95	1	1	2.708643
HL93_serv_inv	BOBJ1	36	115.405	Before	Interior Girder 1	58.985	0.95	1	1	2.904741
HL93_serv_inv	BOBJ1	36	115.405	Before	Interior Girder 2	58.985	0.95	1	1	2.84215
HL93_serv_inv	BOBJ1	36	115.405	Before	Interior Girder 3	58.985	0.95	1	1	2.799291
HL93_serv_inv	BOBJ1	36	115.405	Before	Interior Girder 4	58.985	0.95	1	1	2.799291
HL93_serv_inv	BOBJ1	36	115.405	Before	Interior Girder 5	58.985	0.95	1	1	2.84215
HL93_serv_inv	BOBJ1	36	115.405	Before	Interior Girder 6	58.985	0.95	1	1	2.904741
HL93_serv_inv	BOBJ1	36	115.405	Before	Right Exterior Girder	58.985	0.95	1	1	2.708643
HL93_serv_inv	BOBJ1	37	115.405	After	Left Exterior Girder	58.985	0.95	1	1	2.780409
HL93_serv_inv	BOBJ1	37	115.405	After	Interior Girder 1	58.985	0.95	1	1	2.841464
HL93_serv_inv	BOBJ1	37	115.405	After	Interior Girder 2	58.985	0.95	1	1	2.824281
HL93_serv_inv	BOBJ1	37	115.405	After	Interior Girder 3	58.985	0.95	1	1	2.803115
HL93_serv_inv	BOBJ1	37	115.405	After	Interior Girder 4	58.985	0.95	1	1	2.803115
HL93_serv_inv	BOBJ1	37	115.405	After	Interior Girder 5	58.985	0.95	1	1	2.824281
HL93_serv_inv	BOBJ1	37	115.405	After	Interior Girder 6	58.985	0.95	1	1	2.841464
HL93_serv_inv	BOBJ1	37	115.405	After	Right Exterior Girder	58.985	0.95	1	1	2.780409
HL93_serv_inv	BOBJ1	38	116.34	Before	Left Exterior Girder	59.92	0.95	1	1	2.534273
HL93_serv_inv	BOBJ1	38	116.34	Before	Right Exterior Girder	59.92	0.95	1	1	2.534273
HL93_serv_inv	BOBJ1	39	116.34	After	Left Exterior Girder	59.92	0.95	1	1	5.032717
HL93_serv_inv	BOBJ1	39	116.34	After	Right Exterior Girder	59.92	0.95	1	1	5.032717
HL93_serv_inv	BOBJ1	40	118.84	Before	Interior Girder 1	62.42	0.95	1	1	2.278706
HL93_serv_inv	BOBJ1	40	118.84	Before	Interior Girder 2	62.42	0.95	1	1	2.2537
HL93_serv_inv	BOBJ1	40	118.84	Before	Interior Girder 3	62.42	0.95	1	1	2.12094
HL93_serv_inv	BOBJ1	40	118.84	Before	Interior Girder 4	62.42	0.95	1	1	2.12094
HL93_serv_inv	BOBJ1	40	118.84	Before	Interior Girder 5	62.42	0.95	1	1	2.2537
HL93_serv_inv	BOBJ1	40	118.84	Before	Interior Girder 6	62.42	0.95	1	1	2.278706
HL93_serv_inv	BOBJ1	41	118.84	After	Interior Girder 1	62.42	0.95	1	1	3.174989
HL93_serv_inv	BOBJ1	41	118.84	After	Interior Girder 2	62.42	0.95	1	1	3.086604
HL93_serv_inv	BOBJ1	41	118.84	After	Interior Girder 3	62.42	0.95	1	1	2.935234
HL93_serv_inv	BOBJ1	41	118.84	After	Interior Girder 4	62.42	0.95	1	1	2.935234
HL93_serv_inv	BOBJ1	41	118.84	After	Interior Girder 5	62.42	0.95	1	1	3.086604
HL93_serv_inv	BOBJ1	41	118.84	After	Interior Girder 6	62.42	0.95	1	1	3.174989
HL93_serv_inv	BOBJ1	42	123.84	Before	Left Exterior Girder	67.42	0.95	1	1	3.012282
HL93_serv_inv	BOBJ1	42	123.84	Before	Interior Girder 1	67.42	0.95	1	1	2.138707
HL93_serv_inv	BOBJ1	42	123.84	Before	Interior Girder 2	67.42	0.95	1	1	2.068681
HL93_serv_inv	BOBJ1	42	123.84	Before	Interior Girder 3	67.42	0.95	1	1	1.751007
HL93_serv_inv	BOBJ1	42	123.84	Before	Interior Girder 4	67.42	0.95	1	1	1.751007
HL93_serv_inv	BOBJ1	42	123.84	Before	Interior Girder 5	67.42	0.95	1	1	2.068681

TABLE: Bridge Super Rating AASHTORATE18 31 - SteelICompServ-Flx - Approach, Span 7-11										
Request	BridgeObj	BridgeCut	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	Unitless	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
HL93_serv_inv	BOBJ1	42	123.84	Before	Interior Girder 6	67.42	0.95	1	1	2.138707
HL93_serv_inv	BOBJ1	42	123.84	Before	Right Exterior Girder	67.42	0.95	1	1	3.012282
HL93_serv_inv	BOBJ1	43	123.84	After	Left Exterior Girder	0	0.95	1	1	2.990408
HL93_serv_inv	BOBJ1	43	123.84	After	Interior Girder 1	0	0.95	1	1	2.117835
HL93_serv_inv	BOBJ1	43	123.84	After	Interior Girder 2	0	0.95	1	1	2.064554
HL93_serv_inv	BOBJ1	43	123.84	After	Interior Girder 3	0	0.95	1	1	1.74706
HL93_serv_inv	BOBJ1	43	123.84	After	Interior Girder 4	0	0.95	1	1	1.74706
HL93_serv_inv	BOBJ1	43	123.84	After	Interior Girder 5	0	0.95	1	1	2.064554
HL93_serv_inv	BOBJ1	43	123.84	After	Interior Girder 6	0	0.95	1	1	2.117835
HL93_serv_inv	BOBJ1	43	123.84	After	Right Exterior Girder	0	0.95	1	1	2.990408
HL93_serv_inv	BOBJ1	44	128.84	Before	Interior Girder 1	5	0.95	1	1	3.238242
HL93_serv_inv	BOBJ1	44	128.84	Before	Interior Girder 2	5	0.95	1	1	3.137768
HL93_serv_inv	BOBJ1	44	128.84	Before	Interior Girder 3	5	0.95	1	1	2.967711
HL93_serv_inv	BOBJ1	44	128.84	Before	Interior Girder 4	5	0.95	1	1	2.967711
HL93_serv_inv	BOBJ1	44	128.84	Before	Interior Girder 5	5	0.95	1	1	3.137768
HL93_serv_inv	BOBJ1	44	128.84	Before	Interior Girder 6	5	0.95	1	1	3.238242
HL93_serv_inv	BOBJ1	45	128.84	After	Interior Girder 1	5	0.95	1	1	2.324627
HL93_serv_inv	BOBJ1	45	128.84	After	Interior Girder 2	5	0.95	1	1	2.292346
HL93_serv_inv	BOBJ1	45	128.84	After	Interior Girder 3	5	0.95	1	1	2.146129
HL93_serv_inv	BOBJ1	45	128.84	After	Interior Girder 4	5	0.95	1	1	2.146129
HL93_serv_inv	BOBJ1	45	128.84	After	Interior Girder 5	5	0.95	1	1	2.292346
HL93_serv_inv	BOBJ1	45	128.84	After	Interior Girder 6	5	0.95	1	1	2.324627
HL93_serv_inv	BOBJ1	46	131.34	Before	Left Exterior Girder	7.5	0.95	1	1	5.174561
HL93_serv_inv	BOBJ1	46	131.34	Before	Right Exterior Girder	7.5	0.95	1	1	5.174561
HL93_serv_inv	BOBJ1	47	131.34	After	Left Exterior Girder	7.5	0.95	1	1	2.607626
HL93_serv_inv	BOBJ1	47	131.34	After	Right Exterior Girder	7.5	0.95	1	1	2.607626
HL93_serv_inv	BOBJ1	48	132.265	Before	Left Exterior Girder	8.425	0.95	1	1	2.85547
HL93_serv_inv	BOBJ1	48	132.265	Before	Interior Girder 1	8.425	0.95	1	1	2.908876
HL93_serv_inv	BOBJ1	48	132.265	Before	Interior Girder 2	8.425	0.95	1	1	2.882485
HL93_serv_inv	BOBJ1	48	132.265	Before	Interior Girder 3	8.425	0.95	1	1	2.854866
HL93_serv_inv	BOBJ1	48	132.265	Before	Interior Girder 4	8.425	0.95	1	1	2.854866
HL93_serv_inv	BOBJ1	48	132.265	Before	Interior Girder 5	8.425	0.95	1	1	2.882485
HL93_serv_inv	BOBJ1	48	132.265	Before	Interior Girder 6	8.425	0.95	1	1	2.908876
HL93_serv_inv	BOBJ1	48	132.265	Before	Right Exterior Girder	8.425	0.95	1	1	2.85547
HL93_serv_inv	BOBJ1	49	132.265	After	Left Exterior Girder	8.425	0.95	1	1	2.78057
HL93_serv_inv	BOBJ1	49	132.265	After	Interior Girder 1	8.425	0.95	1	1	2.974408
HL93_serv_inv	BOBJ1	49	132.265	After	Interior Girder 2	8.425	0.95	1	1	2.901051
HL93_serv_inv	BOBJ1	49	132.265	After	Interior Girder 3	8.425	0.95	1	1	2.853541
HL93_serv_inv	BOBJ1	49	132.265	After	Interior Girder 4	8.425	0.95	1	1	2.853541
HL93_serv_inv	BOBJ1	49	132.265	After	Interior Girder 5	8.425	0.95	1	1	2.901051
HL93_serv_inv	BOBJ1	49	132.265	After	Interior Girder 6	8.425	0.95	1	1	2.974408
HL93_serv_inv	BOBJ1	49	132.265	After	Right Exterior Girder	8.425	0.95	1	1	2.78057
HL93_serv_inv	BOBJ1	50	140.69	Before	Left Exterior Girder	16.85	0.95	1	1	4.38808
HL93_serv_inv	BOBJ1	50	140.69	Before	Interior Girder 1	16.85	0.95	1	1	3.991197
HL93_serv_inv	BOBJ1	50	140.69	Before	Interior Girder 2	16.85	0.95	1	1	3.698009
HL93_serv_inv	BOBJ1	50	140.69	Before	Interior Girder 3	16.85	0.95	1	1	3.637902
HL93_serv_inv	BOBJ1	50	140.69	Before	Interior Girder 4	16.85	0.95	1	1	3.637902
HL93_serv_inv	BOBJ1	50	140.69	Before	Interior Girder 5	16.85	0.95	1	1	3.698009
HL93_serv_inv	BOBJ1	50	140.69	Before	Interior Girder 6	16.85	0.95	1	1	3.991197
HL93_serv_inv	BOBJ1	50	140.69	Before	Right Exterior Girder	16.85	0.95	1	1	4.38808
HL93_serv_inv	BOBJ1	51	140.69	After	Left Exterior Girder	16.85	0.95	1	1	4.501224
HL93_serv_inv	BOBJ1	51	140.69	After	Interior Girder 1	16.85	0.95	1	1	3.924362
HL93_serv_inv	BOBJ1	51	140.69	After	Interior Girder 2	16.85	0.95	1	1	3.698824
HL93_serv_inv	BOBJ1	51	140.69	After	Interior Girder 3	16.85	0.95	1	1	3.703441
HL93_serv_inv	BOBJ1	51	140.69	After	Interior Girder 4	16.85	0.95	1	1	3.703441
HL93_serv_inv	BOBJ1	51	140.69	After	Interior Girder 5	16.85	0.95	1	1	3.698824
HL93_serv_inv	BOBJ1	51	140.69	After	Interior Girder 6	16.85	0.95	1	1	3.924362
HL93_serv_inv	BOBJ1	51	140.69	After	Right Exterior Girder	16.85	0.95	1	1	4.501224
HL93_serv_inv	BOBJ1	52	149.115	Before	Left Exterior Girder	25.275	0.95	1	1	2.762817
HL93_serv_inv	BOBJ1	52	149.115	Before	Interior Girder 1	25.275	0.95	1	1	2.39459
HL93_serv_inv	BOBJ1	52	149.115	Before	Interior Girder 2	25.275	0.95	1	1	2.332168
HL93_serv_inv	BOBJ1	52	149.115	Before	Interior Girder 3	25.275	0.95	1	1	2.295293
HL93_serv_inv	BOBJ1	52	149.115	Before	Interior Girder 4	25.275	0.95	1	1	2.295293
HL93_serv_inv	BOBJ1	52	149.115	Before	Interior Girder 5	25.275	0.95	1	1	2.332168
HL93_serv_inv	BOBJ1	52	149.115	Before	Interior Girder 6	25.275	0.95	1	1	2.39459
HL93_serv_inv	BOBJ1	52	149.115	Before	Right Exterior Girder	25.275	0.95	1	1	2.762817
HL93_serv_inv	BOBJ1	53	149.115	After	Left Exterior Girder	25.275	0.95	1	1	2.800005
HL93_serv_inv	BOBJ1	53	149.115	After	Interior Girder 1	25.275	0.95	1	1	2.378918
HL93_serv_inv	BOBJ1	53	149.115	After	Interior Girder 2	25.275	0.95	1	1	2.332399
HL93_serv_inv	BOBJ1	53	149.115	After	Interior Girder 3	25.275	0.95	1	1	2.319849
HL93_serv_inv	BOBJ1	53	149.115	After	Interior Girder 4	25.275	0.95	1	1	2.319849
HL93_serv_inv	BOBJ1	53	149.115	After	Interior Girder 5	25.275	0.95	1	1	2.332399
HL93_serv_inv	BOBJ1	53	149.115	After	Interior Girder 6	25.275	0.95	1	1	2.378918

TABLE: Bridge Super Rating AASHTORATE18 31 - SteelICompServ-Flx - Approach, Span 7-11										
Request	BridgeObj	BridgeCut	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	Unitless	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
HL93_serv_inv	BOBJ1	53	149.115	After	Right Exterior Girder	25.275	0.95	1	1	2.800005
HL93_serv_inv	BOBJ1	54	157.54	Before	Left Exterior Girder	33.7	0.95	1	1	2.269177
HL93_serv_inv	BOBJ1	54	157.54	Before	Interior Girder 1	33.7	0.95	1	1	2.235775
HL93_serv_inv	BOBJ1	54	157.54	Before	Interior Girder 2	33.7	0.95	1	1	2.196442
HL93_serv_inv	BOBJ1	54	157.54	Before	Interior Girder 3	33.7	0.95	1	1	2.215812
HL93_serv_inv	BOBJ1	54	157.54	Before	Interior Girder 4	33.7	0.95	1	1	2.215812
HL93_serv_inv	BOBJ1	54	157.54	Before	Interior Girder 5	33.7	0.95	1	1	2.196442
HL93_serv_inv	BOBJ1	54	157.54	Before	Interior Girder 6	33.7	0.95	1	1	2.235775
HL93_serv_inv	BOBJ1	54	157.54	Before	Right Exterior Girder	33.7	0.95	1	1	2.269177
HL93_serv_inv	BOBJ1	55	157.54	After	Left Exterior Girder	33.7	0.95	1	1	2.26942
HL93_serv_inv	BOBJ1	55	157.54	After	Interior Girder 1	33.7	0.95	1	1	2.235744
HL93_serv_inv	BOBJ1	55	157.54	After	Interior Girder 2	33.7	0.95	1	1	2.196377
HL93_serv_inv	BOBJ1	55	157.54	After	Interior Girder 3	33.7	0.95	1	1	2.21589
HL93_serv_inv	BOBJ1	55	157.54	After	Interior Girder 4	33.7	0.95	1	1	2.21589
HL93_serv_inv	BOBJ1	55	157.54	After	Interior Girder 5	33.7	0.95	1	1	2.196377
HL93_serv_inv	BOBJ1	55	157.54	After	Interior Girder 6	33.7	0.95	1	1	2.235744
HL93_serv_inv	BOBJ1	55	157.54	After	Right Exterior Girder	33.7	0.95	1	1	2.26942
HL93_serv_inv	BOBJ1	56	165.965	Before	Left Exterior Girder	42.125	0.95	1	1	2.797656
HL93_serv_inv	BOBJ1	56	165.965	Before	Interior Girder 1	42.125	0.95	1	1	2.377886
HL93_serv_inv	BOBJ1	56	165.965	Before	Interior Girder 2	42.125	0.95	1	1	2.331401
HL93_serv_inv	BOBJ1	56	165.965	Before	Interior Girder 3	42.125	0.95	1	1	2.318687
HL93_serv_inv	BOBJ1	56	165.965	Before	Interior Girder 4	42.125	0.95	1	1	2.318687
HL93_serv_inv	BOBJ1	56	165.965	Before	Interior Girder 5	42.125	0.95	1	1	2.331401
HL93_serv_inv	BOBJ1	56	165.965	Before	Interior Girder 6	42.125	0.95	1	1	2.377886
HL93_serv_inv	BOBJ1	56	165.965	Before	Right Exterior Girder	42.125	0.95	1	1	2.797656
HL93_serv_inv	BOBJ1	57	165.965	After	Left Exterior Girder	42.125	0.95	1	1	2.760801
HL93_serv_inv	BOBJ1	57	165.965	After	Interior Girder 1	42.125	0.95	1	1	2.39346
HL93_serv_inv	BOBJ1	57	165.965	After	Interior Girder 2	42.125	0.95	1	1	2.331151
HL93_serv_inv	BOBJ1	57	165.965	After	Interior Girder 3	42.125	0.95	1	1	2.294244
HL93_serv_inv	BOBJ1	57	165.965	After	Interior Girder 4	42.125	0.95	1	1	2.294244
HL93_serv_inv	BOBJ1	57	165.965	After	Interior Girder 5	42.125	0.95	1	1	2.331151
HL93_serv_inv	BOBJ1	57	165.965	After	Interior Girder 6	42.125	0.95	1	1	2.39346
HL93_serv_inv	BOBJ1	57	165.965	After	Right Exterior Girder	42.125	0.95	1	1	2.760801
HL93_serv_inv	BOBJ1	58	174.39	Before	Left Exterior Girder	50.55	0.95	1	1	4.491593
HL93_serv_inv	BOBJ1	58	174.39	Before	Interior Girder 1	50.55	0.95	1	1	3.919574
HL93_serv_inv	BOBJ1	58	174.39	Before	Interior Girder 2	50.55	0.95	1	1	3.694755
HL93_serv_inv	BOBJ1	58	174.39	Before	Interior Girder 3	50.55	0.95	1	1	3.698635
HL93_serv_inv	BOBJ1	58	174.39	Before	Interior Girder 4	50.55	0.95	1	1	3.698635
HL93_serv_inv	BOBJ1	58	174.39	Before	Interior Girder 5	50.55	0.95	1	1	3.694755
HL93_serv_inv	BOBJ1	58	174.39	Before	Interior Girder 6	50.55	0.95	1	1	3.919574
HL93_serv_inv	BOBJ1	58	174.39	Before	Right Exterior Girder	50.55	0.95	1	1	4.491593
HL93_serv_inv	BOBJ1	59	174.39	After	Left Exterior Girder	50.55	0.95	1	1	4.379035
HL93_serv_inv	BOBJ1	59	174.39	After	Interior Girder 1	50.55	0.95	1	1	3.98642
HL93_serv_inv	BOBJ1	59	174.39	After	Interior Girder 2	50.55	0.95	1	1	3.694012
HL93_serv_inv	BOBJ1	59	174.39	After	Interior Girder 3	50.55	0.95	1	1	3.633294
HL93_serv_inv	BOBJ1	59	174.39	After	Interior Girder 4	50.55	0.95	1	1	3.633294
HL93_serv_inv	BOBJ1	59	174.39	After	Interior Girder 5	50.55	0.95	1	1	3.694012
HL93_serv_inv	BOBJ1	59	174.39	After	Interior Girder 6	50.55	0.95	1	1	3.98642
HL93_serv_inv	BOBJ1	59	174.39	After	Right Exterior Girder	50.55	0.95	1	1	4.379035
HL93_serv_inv	BOBJ1	60	182.825	Before	Left Exterior Girder	58.985	0.95	1	1	2.784029
HL93_serv_inv	BOBJ1	60	182.825	Before	Interior Girder 1	58.985	0.95	1	1	2.9736
HL93_serv_inv	BOBJ1	60	182.825	Before	Interior Girder 2	58.985	0.95	1	1	2.899803
HL93_serv_inv	BOBJ1	60	182.825	Before	Interior Girder 3	58.985	0.95	1	1	2.855652
HL93_serv_inv	BOBJ1	60	182.825	Before	Interior Girder 4	58.985	0.95	1	1	2.855652
HL93_serv_inv	BOBJ1	60	182.825	Before	Interior Girder 5	58.985	0.95	1	1	2.899803
HL93_serv_inv	BOBJ1	60	182.825	Before	Interior Girder 6	58.985	0.95	1	1	2.9736
HL93_serv_inv	BOBJ1	60	182.825	Before	Right Exterior Girder	58.985	0.95	1	1	2.784029
HL93_serv_inv	BOBJ1	61	182.825	After	Left Exterior Girder	58.985	0.95	1	1	2.859156
HL93_serv_inv	BOBJ1	61	182.825	After	Interior Girder 1	58.985	0.95	1	1	2.908128
HL93_serv_inv	BOBJ1	61	182.825	After	Interior Girder 2	58.985	0.95	1	1	2.881135
HL93_serv_inv	BOBJ1	61	182.825	After	Interior Girder 3	58.985	0.95	1	1	2.857208
HL93_serv_inv	BOBJ1	61	182.825	After	Interior Girder 4	58.985	0.95	1	1	2.857208
HL93_serv_inv	BOBJ1	61	182.825	After	Interior Girder 5	58.985	0.95	1	1	2.881135
HL93_serv_inv	BOBJ1	61	182.825	After	Interior Girder 6	58.985	0.95	1	1	2.908128
HL93_serv_inv	BOBJ1	61	182.825	After	Right Exterior Girder	58.985	0.95	1	1	2.859156
HL93_serv_inv	BOBJ1	62	183.76	Before	Left Exterior Girder	59.92	0.95	1	1	2.599941
HL93_serv_inv	BOBJ1	62	183.76	Before	Right Exterior Girder	59.92	0.95	1	1	2.599941
HL93_serv_inv	BOBJ1	63	183.76	After	Left Exterior Girder	59.92	0.95	1	1	5.163237
HL93_serv_inv	BOBJ1	63	183.76	After	Right Exterior Girder	59.92	0.95	1	1	5.163237
HL93_serv_inv	BOBJ1	64	186.26	Before	Interior Girder 1	62.42	0.95	1	1	2.321511
HL93_serv_inv	BOBJ1	64	186.26	Before	Interior Girder 2	62.42	0.95	1	1	2.289244
HL93_serv_inv	BOBJ1	64	186.26	Before	Interior Girder 3	62.42	0.95	1	1	2.146603
HL93_serv_inv	BOBJ1	64	186.26	Before	Interior Girder 4	62.42	0.95	1	1	2.146603

TABLE: Bridge Super Rating AASHTORATE18 31 - SteelICompServ-Flx - Approach, Span 7-11										
Request	BridgeObj	BridgeCut	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	Unitless	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
HL93_serv_inv	BOBJ1	64	186.26	Before	Interior Girder 5	62.42	0.95	1	1	2.289244
HL93_serv_inv	BOBJ1	64	186.26	Before	Interior Girder 6	62.42	0.95	1	1	2.321511
HL93_serv_inv	BOBJ1	65	186.26	After	Interior Girder 1	62.42	0.95	1	1	3.234695
HL93_serv_inv	BOBJ1	65	186.26	After	Interior Girder 2	62.42	0.95	1	1	3.133988
HL93_serv_inv	BOBJ1	65	186.26	After	Interior Girder 3	62.42	0.95	1	1	2.968914
HL93_serv_inv	BOBJ1	65	186.26	After	Interior Girder 4	62.42	0.95	1	1	2.968914
HL93_serv_inv	BOBJ1	65	186.26	After	Interior Girder 5	62.42	0.95	1	1	3.133988
HL93_serv_inv	BOBJ1	65	186.26	After	Interior Girder 6	62.42	0.95	1	1	3.234695
HL93_serv_inv	BOBJ1	66	191.26	Before	Left Exterior Girder	67.42	0.95	1	1	2.992676
HL93_serv_inv	BOBJ1	66	191.26	Before	Interior Girder 1	67.42	0.95	1	1	2.114464
HL93_serv_inv	BOBJ1	66	191.26	Before	Interior Girder 2	67.42	0.95	1	1	2.060351
HL93_serv_inv	BOBJ1	66	191.26	Before	Interior Girder 3	67.42	0.95	1	1	1.747206
HL93_serv_inv	BOBJ1	66	191.26	Before	Interior Girder 4	67.42	0.95	1	1	1.747206
HL93_serv_inv	BOBJ1	66	191.26	Before	Interior Girder 5	67.42	0.95	1	1	2.060351
HL93_serv_inv	BOBJ1	66	191.26	Before	Interior Girder 6	67.42	0.95	1	1	2.114464
HL93_serv_inv	BOBJ1	66	191.26	Before	Right Exterior Girder	67.42	0.95	1	1	2.992676
HL93_serv_inv	BOBJ1	67	191.26	After	Left Exterior Girder	0	0.95	1	1	3.007129
HL93_serv_inv	BOBJ1	67	191.26	After	Interior Girder 1	0	0.95	1	1	2.140299
HL93_serv_inv	BOBJ1	67	191.26	After	Interior Girder 2	0	0.95	1	1	2.071479
HL93_serv_inv	BOBJ1	67	191.26	After	Interior Girder 3	0	0.95	1	1	1.749895
HL93_serv_inv	BOBJ1	67	191.26	After	Interior Girder 4	0	0.95	1	1	1.749895
HL93_serv_inv	BOBJ1	67	191.26	After	Interior Girder 5	0	0.95	1	1	2.071479
HL93_serv_inv	BOBJ1	67	191.26	After	Interior Girder 6	0	0.95	1	1	2.140299
HL93_serv_inv	BOBJ1	67	191.26	After	Right Exterior Girder	0	0.95	1	1	3.007129
HL93_serv_inv	BOBJ1	68	196.26	Before	Interior Girder 1	5	0.95	1	1	3.176627
HL93_serv_inv	BOBJ1	68	196.26	Before	Interior Girder 2	5	0.95	1	1	3.089039
HL93_serv_inv	BOBJ1	68	196.26	Before	Interior Girder 3	5	0.95	1	1	2.932984
HL93_serv_inv	BOBJ1	68	196.26	Before	Interior Girder 4	5	0.95	1	1	2.932984
HL93_serv_inv	BOBJ1	68	196.26	Before	Interior Girder 5	5	0.95	1	1	3.089039
HL93_serv_inv	BOBJ1	68	196.26	Before	Interior Girder 6	5	0.95	1	1	3.176627
HL93_serv_inv	BOBJ1	69	196.26	After	Interior Girder 1	5	0.95	1	1	2.279865
HL93_serv_inv	BOBJ1	69	196.26	After	Interior Girder 2	5	0.95	1	1	2.255449
HL93_serv_inv	BOBJ1	69	196.26	After	Interior Girder 3	5	0.95	1	1	2.119473
HL93_serv_inv	BOBJ1	69	196.26	After	Interior Girder 4	5	0.95	1	1	2.119473
HL93_serv_inv	BOBJ1	69	196.26	After	Interior Girder 5	5	0.95	1	1	2.255449
HL93_serv_inv	BOBJ1	69	196.26	After	Interior Girder 6	5	0.95	1	1	2.279865
HL93_serv_inv	BOBJ1	70	198.76	Before	Left Exterior Girder	7.5	0.95	1	1	5.041455
HL93_serv_inv	BOBJ1	70	198.76	Before	Right Exterior Girder	7.5	0.95	1	1	5.041455
HL93_serv_inv	BOBJ1	71	198.76	After	Left Exterior Girder	7.5	0.95	1	1	2.539398
HL93_serv_inv	BOBJ1	71	198.76	After	Right Exterior Girder	7.5	0.95	1	1	2.539398
HL93_serv_inv	BOBJ1	72	199.685	Before	Left Exterior Girder	8.425	0.95	1	1	2.774502
HL93_serv_inv	BOBJ1	72	199.685	Before	Interior Girder 1	8.425	0.95	1	1	2.84048
HL93_serv_inv	BOBJ1	72	199.685	Before	Interior Girder 2	8.425	0.95	1	1	2.824423
HL93_serv_inv	BOBJ1	72	199.685	Before	Interior Girder 3	8.425	0.95	1	1	2.799806
HL93_serv_inv	BOBJ1	72	199.685	Before	Interior Girder 4	8.425	0.95	1	1	2.799806
HL93_serv_inv	BOBJ1	72	199.685	Before	Interior Girder 5	8.425	0.95	1	1	2.824423
HL93_serv_inv	BOBJ1	72	199.685	Before	Interior Girder 6	8.425	0.95	1	1	2.84048
HL93_serv_inv	BOBJ1	72	199.685	Before	Right Exterior Girder	8.425	0.95	1	1	2.774502
HL93_serv_inv	BOBJ1	73	199.685	After	Left Exterior Girder	8.425	0.95	1	1	2.702829
HL93_serv_inv	BOBJ1	73	199.685	After	Interior Girder 1	8.425	0.95	1	1	2.903847
HL93_serv_inv	BOBJ1	73	199.685	After	Interior Girder 2	8.425	0.95	1	1	2.842223
HL93_serv_inv	BOBJ1	73	199.685	After	Interior Girder 3	8.425	0.95	1	1	2.796305
HL93_serv_inv	BOBJ1	73	199.685	After	Interior Girder 4	8.425	0.95	1	1	2.796305
HL93_serv_inv	BOBJ1	73	199.685	After	Interior Girder 5	8.425	0.95	1	1	2.842223
HL93_serv_inv	BOBJ1	73	199.685	After	Interior Girder 6	8.425	0.95	1	1	2.903847
HL93_serv_inv	BOBJ1	73	199.685	After	Right Exterior Girder	8.425	0.95	1	1	2.702829
HL93_serv_inv	BOBJ1	74	208.11	Before	Left Exterior Girder	16.85	0.95	1	1	4.332565
HL93_serv_inv	BOBJ1	74	208.11	Before	Interior Girder 1	16.85	0.95	1	1	3.96532
HL93_serv_inv	BOBJ1	74	208.11	Before	Interior Girder 2	16.85	0.95	1	1	3.675073
HL93_serv_inv	BOBJ1	74	208.11	Before	Interior Girder 3	16.85	0.95	1	1	3.615126
HL93_serv_inv	BOBJ1	74	208.11	Before	Interior Girder 4	16.85	0.95	1	1	3.615126
HL93_serv_inv	BOBJ1	74	208.11	Before	Interior Girder 5	16.85	0.95	1	1	3.675073
HL93_serv_inv	BOBJ1	74	208.11	Before	Interior Girder 6	16.85	0.95	1	1	3.96532
HL93_serv_inv	BOBJ1	74	208.11	Before	Right Exterior Girder	16.85	0.95	1	1	4.332565
HL93_serv_inv	BOBJ1	75	208.11	After	Left Exterior Girder	16.85	0.95	1	1	4.382694
HL93_serv_inv	BOBJ1	75	208.11	After	Interior Girder 1	16.85	0.95	1	1	3.899937
HL93_serv_inv	BOBJ1	75	208.11	After	Interior Girder 2	16.85	0.95	1	1	3.677196
HL93_serv_inv	BOBJ1	75	208.11	After	Interior Girder 3	16.85	0.95	1	1	3.680864
HL93_serv_inv	BOBJ1	75	208.11	After	Interior Girder 4	16.85	0.95	1	1	3.680864
HL93_serv_inv	BOBJ1	75	208.11	After	Interior Girder 5	16.85	0.95	1	1	3.677196
HL93_serv_inv	BOBJ1	75	208.11	After	Interior Girder 6	16.85	0.95	1	1	3.899937
HL93_serv_inv	BOBJ1	75	208.11	After	Right Exterior Girder	16.85	0.95	1	1	4.382694
HL93_serv_inv	BOBJ1	76	216.535	Before	Left Exterior Girder	25.275	0.95	1	1	2.785299

TABLE: Bridge Super Rating AASHTORATE18 31 - SteelICompServ-Flx - Approach, Span 7-11										
Request	BridgeObj	BridgeCut	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	Unitless	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
HL93_serv_inv	BOBJ1	76	216.535	Before	Interior Girder 1	25.275	0.95	1	1	2.41385
HL93_serv_inv	BOBJ1	76	216.535	Before	Interior Girder 2	25.275	0.95	1	1	2.345571
HL93_serv_inv	BOBJ1	76	216.535	Before	Interior Girder 3	25.275	0.95	1	1	2.301612
HL93_serv_inv	BOBJ1	76	216.535	Before	Interior Girder 4	25.275	0.95	1	1	2.301612
HL93_serv_inv	BOBJ1	76	216.535	Before	Interior Girder 5	25.275	0.95	1	1	2.345571
HL93_serv_inv	BOBJ1	76	216.535	Before	Interior Girder 6	25.275	0.95	1	1	2.41385
HL93_serv_inv	BOBJ1	76	216.535	Before	Right Exterior Girder	25.275	0.95	1	1	2.785299
HL93_serv_inv	BOBJ1	77	216.535	After	Left Exterior Girder	25.275	0.95	1	1	2.819892
HL93_serv_inv	BOBJ1	77	216.535	After	Interior Girder 1	25.275	0.95	1	1	2.398227
HL93_serv_inv	BOBJ1	77	216.535	After	Interior Girder 2	25.275	0.95	1	1	2.346791
HL93_serv_inv	BOBJ1	77	216.535	After	Interior Girder 3	25.275	0.95	1	1	2.326443
HL93_serv_inv	BOBJ1	77	216.535	After	Interior Girder 4	25.275	0.95	1	1	2.326443
HL93_serv_inv	BOBJ1	77	216.535	After	Interior Girder 5	25.275	0.95	1	1	2.346791
HL93_serv_inv	BOBJ1	77	216.535	After	Interior Girder 6	25.275	0.95	1	1	2.398227
HL93_serv_inv	BOBJ1	77	216.535	After	Right Exterior Girder	25.275	0.95	1	1	2.819892
HL93_serv_inv	BOBJ1	78	224.96	Before	Left Exterior Girder	33.7	0.95	1	1	2.322361
HL93_serv_inv	BOBJ1	78	224.96	Before	Interior Girder 1	33.7	0.95	1	1	2.284339
HL93_serv_inv	BOBJ1	78	224.96	Before	Interior Girder 2	33.7	0.95	1	1	2.228889
HL93_serv_inv	BOBJ1	78	224.96	Before	Interior Girder 3	33.7	0.95	1	1	2.243745
HL93_serv_inv	BOBJ1	78	224.96	Before	Interior Girder 4	33.7	0.95	1	1	2.243745
HL93_serv_inv	BOBJ1	78	224.96	Before	Interior Girder 5	33.7	0.95	1	1	2.228889
HL93_serv_inv	BOBJ1	78	224.96	Before	Interior Girder 6	33.7	0.95	1	1	2.284339
HL93_serv_inv	BOBJ1	78	224.96	Before	Right Exterior Girder	33.7	0.95	1	1	2.322361
HL93_serv_inv	BOBJ1	79	224.96	After	Left Exterior Girder	33.7	0.95	1	1	2.319095
HL93_serv_inv	BOBJ1	79	224.96	After	Interior Girder 1	33.7	0.95	1	1	2.285458
HL93_serv_inv	BOBJ1	79	224.96	After	Interior Girder 2	33.7	0.95	1	1	2.231312
HL93_serv_inv	BOBJ1	79	224.96	After	Interior Girder 3	33.7	0.95	1	1	2.244721
HL93_serv_inv	BOBJ1	79	224.96	After	Interior Girder 4	33.7	0.95	1	1	2.244721
HL93_serv_inv	BOBJ1	79	224.96	After	Interior Girder 5	33.7	0.95	1	1	2.231312
HL93_serv_inv	BOBJ1	79	224.96	After	Interior Girder 6	33.7	0.95	1	1	2.285458
HL93_serv_inv	BOBJ1	79	224.96	After	Right Exterior Girder	33.7	0.95	1	1	2.319095
HL93_serv_inv	BOBJ1	80	233.385	Before	Left Exterior Girder	42.125	0.95	1	1	2.932895
HL93_serv_inv	BOBJ1	80	233.385	Before	Interior Girder 1	42.125	0.95	1	1	2.454504
HL93_serv_inv	BOBJ1	80	233.385	Before	Interior Girder 2	42.125	0.95	1	1	2.390365
HL93_serv_inv	BOBJ1	80	233.385	Before	Interior Girder 3	42.125	0.95	1	1	2.363685
HL93_serv_inv	BOBJ1	80	233.385	Before	Interior Girder 4	42.125	0.95	1	1	2.363685
HL93_serv_inv	BOBJ1	80	233.385	Before	Interior Girder 5	42.125	0.95	1	1	2.390365
HL93_serv_inv	BOBJ1	80	233.385	Before	Interior Girder 6	42.125	0.95	1	1	2.454504
HL93_serv_inv	BOBJ1	80	233.385	Before	Right Exterior Girder	42.125	0.95	1	1	2.932895
HL93_serv_inv	BOBJ1	81	233.385	After	Left Exterior Girder	42.125	0.95	1	1	2.887927
HL93_serv_inv	BOBJ1	81	233.385	After	Interior Girder 1	42.125	0.95	1	1	2.474264
HL93_serv_inv	BOBJ1	81	233.385	After	Interior Girder 2	42.125	0.95	1	1	2.391286
HL93_serv_inv	BOBJ1	81	233.385	After	Interior Girder 3	42.125	0.95	1	1	2.338402
HL93_serv_inv	BOBJ1	81	233.385	After	Interior Girder 4	42.125	0.95	1	1	2.338402
HL93_serv_inv	BOBJ1	81	233.385	After	Interior Girder 5	42.125	0.95	1	1	2.391286
HL93_serv_inv	BOBJ1	81	233.385	After	Interior Girder 6	42.125	0.95	1	1	2.474264
HL93_serv_inv	BOBJ1	81	233.385	After	Right Exterior Girder	42.125	0.95	1	1	2.887927
HL93_serv_inv	BOBJ1	82	241.81	Before	Left Exterior Girder	50.55	0.95	1	1	4.894378
HL93_serv_inv	BOBJ1	82	241.81	Before	Interior Girder 1	50.55	0.95	1	1	4.139213
HL93_serv_inv	BOBJ1	82	241.81	Before	Interior Girder 2	50.55	0.95	1	1	3.851443
HL93_serv_inv	BOBJ1	82	241.81	Before	Interior Girder 3	50.55	0.95	1	1	3.813152
HL93_serv_inv	BOBJ1	82	241.81	Before	Interior Girder 4	50.55	0.95	1	1	3.813152
HL93_serv_inv	BOBJ1	82	241.81	Before	Interior Girder 5	50.55	0.95	1	1	3.851443
HL93_serv_inv	BOBJ1	82	241.81	Before	Interior Girder 6	50.55	0.95	1	1	4.139213
HL93_serv_inv	BOBJ1	82	241.81	Before	Right Exterior Girder	50.55	0.95	1	1	4.894378
HL93_serv_inv	BOBJ1	83	241.81	After	Left Exterior Girder	50.55	0.95	1	1	4.779906
HL93_serv_inv	BOBJ1	83	241.81	After	Interior Girder 1	50.55	0.95	1	1	4.21001
HL93_serv_inv	BOBJ1	83	241.81	After	Interior Girder 2	50.55	0.95	1	1	3.869727
HL93_serv_inv	BOBJ1	83	241.81	After	Interior Girder 3	50.55	0.95	1	1	3.78036
HL93_serv_inv	BOBJ1	83	241.81	After	Interior Girder 4	50.55	0.95	1	1	3.78036
HL93_serv_inv	BOBJ1	83	241.81	After	Interior Girder 5	50.55	0.95	1	1	3.869727
HL93_serv_inv	BOBJ1	83	241.81	After	Interior Girder 6	50.55	0.95	1	1	4.21001
HL93_serv_inv	BOBJ1	83	241.81	After	Right Exterior Girder	50.55	0.95	1	1	4.779906
HL93_serv_inv	BOBJ1	84	245.18	Before	Left Exterior Girder	53.92	0.95	1	1	4.394826
HL93_serv_inv	BOBJ1	84	245.18	Before	Interior Girder 1	53.92	0.95	1	1	4.390027
HL93_serv_inv	BOBJ1	84	245.18	Before	Interior Girder 2	53.92	0.95	1	1	4.253886
HL93_serv_inv	BOBJ1	84	245.18	Before	Interior Girder 3	53.92	0.95	1	1	4.385434
HL93_serv_inv	BOBJ1	84	245.18	Before	Interior Girder 4	53.92	0.95	1	1	4.385434
HL93_serv_inv	BOBJ1	84	245.18	Before	Interior Girder 5	53.92	0.95	1	1	4.253886
HL93_serv_inv	BOBJ1	84	245.18	Before	Interior Girder 6	53.92	0.95	1	1	4.390027
HL93_serv_inv	BOBJ1	84	245.18	Before	Right Exterior Girder	53.92	0.95	1	1	4.394826
HL93_serv_inv	BOBJ1	85	245.18	After	Left Exterior Girder	53.92	0.95	1	1	5.125255
HL93_serv_inv	BOBJ1	85	245.18	After	Interior Girder 1	53.92	0.95	1	1	4.69305

TABLE: Bridge Super Rating AASHTORATE18 31 - SteelICompServ-Flx - Approach, Span 7-11										
Request	BridgeObj	BridgeCut	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	Unitless	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
HL93_serv_inv	BOBJ1	85	245.18	After	Interior Girder 2	53.92	0.95	1	1	4.540851
HL93_serv_inv	BOBJ1	85	245.18	After	Interior Girder 3	53.92	0.95	1	1	4.705816
HL93_serv_inv	BOBJ1	85	245.18	After	Interior Girder 4	53.92	0.95	1	1	4.705816
HL93_serv_inv	BOBJ1	85	245.18	After	Interior Girder 5	53.92	0.95	1	1	4.540851
HL93_serv_inv	BOBJ1	85	245.18	After	Interior Girder 6	53.92	0.95	1	1	4.69305
HL93_serv_inv	BOBJ1	85	245.18	After	Right Exterior Girder	53.92	0.95	1	1	5.125255
HL93_serv_inv	BOBJ1	86	250.245	Before	Left Exterior Girder	58.985	0.95	1	1	3.682202
HL93_serv_inv	BOBJ1	86	250.245	Before	Interior Girder 1	58.985	0.95	1	1	3.543587
HL93_serv_inv	BOBJ1	86	250.245	Before	Interior Girder 2	58.985	0.95	1	1	3.380559
HL93_serv_inv	BOBJ1	86	250.245	Before	Interior Girder 3	58.985	0.95	1	1	3.255799
HL93_serv_inv	BOBJ1	86	250.245	Before	Interior Girder 4	58.985	0.95	1	1	3.255799
HL93_serv_inv	BOBJ1	86	250.245	Before	Interior Girder 5	58.985	0.95	1	1	3.380559
HL93_serv_inv	BOBJ1	86	250.245	Before	Interior Girder 6	58.985	0.95	1	1	3.543587
HL93_serv_inv	BOBJ1	86	250.245	Before	Right Exterior Girder	58.985	0.95	1	1	3.682202
HL93_serv_inv	BOBJ1	87	250.245	After	Left Exterior Girder	58.985	0.95	1	1	3.720683
HL93_serv_inv	BOBJ1	87	250.245	After	Interior Girder 1	58.985	0.95	1	1	3.508437
HL93_serv_inv	BOBJ1	87	250.245	After	Interior Girder 2	58.985	0.95	1	1	3.353052
HL93_serv_inv	BOBJ1	87	250.245	After	Interior Girder 3	58.985	0.95	1	1	3.249132
HL93_serv_inv	BOBJ1	87	250.245	After	Interior Girder 4	58.985	0.95	1	1	3.249132
HL93_serv_inv	BOBJ1	87	250.245	After	Interior Girder 5	58.985	0.95	1	1	3.353052
HL93_serv_inv	BOBJ1	87	250.245	After	Interior Girder 6	58.985	0.95	1	1	3.508437
HL93_serv_inv	BOBJ1	87	250.245	After	Right Exterior Girder	58.985	0.95	1	1	3.720683
HL93_serv_inv	BOBJ1	88	251.68	Before	Left Exterior Girder	60.42	0.95	1	1	3.292213
HL93_serv_inv	BOBJ1	88	251.68	Before	Right Exterior Girder	60.42	0.95	1	1	3.292213
HL93_serv_inv	BOBJ1	89	251.68	After	Left Exterior Girder	60.42	0.95	1	1	5.714042
HL93_serv_inv	BOBJ1	89	251.68	After	Right Exterior Girder	60.42	0.95	1	1	5.714042
HL93_serv_inv	BOBJ1	90	254.18	Before	Interior Girder 1	62.92	0.95	1	1	2.66485
HL93_serv_inv	BOBJ1	90	254.18	Before	Interior Girder 2	62.92	0.95	1	1	2.566439
HL93_serv_inv	BOBJ1	90	254.18	Before	Interior Girder 3	62.92	0.95	1	1	2.335343
HL93_serv_inv	BOBJ1	90	254.18	Before	Interior Girder 4	62.92	0.95	1	1	2.335343
HL93_serv_inv	BOBJ1	90	254.18	Before	Interior Girder 5	62.92	0.95	1	1	2.566439
HL93_serv_inv	BOBJ1	90	254.18	Before	Interior Girder 6	62.92	0.95	1	1	2.66485
HL93_serv_inv	BOBJ1	91	254.18	After	Interior Girder 1	62.92	0.95	1	1	3.260681
HL93_serv_inv	BOBJ1	91	254.18	After	Interior Girder 2	62.92	0.95	1	1	3.087334
HL93_serv_inv	BOBJ1	91	254.18	After	Interior Girder 3	62.92	0.95	1	1	2.833245
HL93_serv_inv	BOBJ1	91	254.18	After	Interior Girder 4	62.92	0.95	1	1	2.833245
HL93_serv_inv	BOBJ1	91	254.18	After	Interior Girder 5	62.92	0.95	1	1	3.087334
HL93_serv_inv	BOBJ1	91	254.18	After	Interior Girder 6	62.92	0.95	1	1	3.260681
HL93_serv_inv	BOBJ1	92	258.68	Before	Left Exterior Girder	67.42	0.95	1	1	3.033881
HL93_serv_inv	BOBJ1	92	258.68	Before	Interior Girder 1	67.42	0.95	1	1	1.989541
HL93_serv_inv	BOBJ1	92	258.68	Before	Interior Girder 2	67.42	0.95	1	1	1.933687
HL93_serv_inv	BOBJ1	92	258.68	Before	Interior Girder 3	67.42	0.95	1	1	1.645559
HL93_serv_inv	BOBJ1	92	258.68	Before	Interior Girder 4	67.42	0.95	1	1	1.645559
HL93_serv_inv	BOBJ1	92	258.68	Before	Interior Girder 5	67.42	0.95	1	1	1.933687
HL93_serv_inv	BOBJ1	92	258.68	Before	Interior Girder 6	67.42	0.95	1	1	1.989541
HL93_serv_inv	BOBJ1	92	258.68	Before	Right Exterior Girder	67.42	0.95	1	1	3.033881
HL93_serv_inv	BOBJ1	93	258.68	After	Left Exterior Girder	0	0.95	1	1	3.085064
HL93_serv_inv	BOBJ1	93	258.68	After	Interior Girder 1	0	0.95	1	1	2.043927
HL93_serv_inv	BOBJ1	93	258.68	After	Interior Girder 2	0	0.95	1	1	1.983809
HL93_serv_inv	BOBJ1	93	258.68	After	Interior Girder 3	0	0.95	1	1	1.668513
HL93_serv_inv	BOBJ1	93	258.68	After	Interior Girder 4	0	0.95	1	1	1.668513
HL93_serv_inv	BOBJ1	93	258.68	After	Interior Girder 5	0	0.95	1	1	1.983809
HL93_serv_inv	BOBJ1	93	258.68	After	Interior Girder 6	0	0.95	1	1	2.043927
HL93_serv_inv	BOBJ1	93	258.68	After	Right Exterior Girder	0	0.95	1	1	3.085064
HL93_serv_inv	BOBJ1	94	263.18	Before	Interior Girder 1	4.5	0.95	1	1	2.921219
HL93_serv_inv	BOBJ1	94	263.18	Before	Interior Girder 2	4.5	0.95	1	1	2.818889
HL93_serv_inv	BOBJ1	94	263.18	Before	Interior Girder 3	4.5	0.95	1	1	2.658916
HL93_serv_inv	BOBJ1	94	263.18	Before	Interior Girder 4	4.5	0.95	1	1	2.658916
HL93_serv_inv	BOBJ1	94	263.18	Before	Interior Girder 5	4.5	0.95	1	1	2.818889
HL93_serv_inv	BOBJ1	94	263.18	Before	Interior Girder 6	4.5	0.95	1	1	2.921219
HL93_serv_inv	BOBJ1	95	263.18	After	Interior Girder 1	4.5	0.95	1	1	2.38893
HL93_serv_inv	BOBJ1	95	263.18	After	Interior Girder 2	4.5	0.95	1	1	2.342378
HL93_serv_inv	BOBJ1	95	263.18	After	Interior Girder 3	4.5	0.95	1	1	2.191005
HL93_serv_inv	BOBJ1	95	263.18	After	Interior Girder 4	4.5	0.95	1	1	2.191005
HL93_serv_inv	BOBJ1	95	263.18	After	Interior Girder 5	4.5	0.95	1	1	2.342378
HL93_serv_inv	BOBJ1	95	263.18	After	Interior Girder 6	4.5	0.95	1	1	2.38893
HL93_serv_inv	BOBJ1	96	265.68	Before	Left Exterior Girder	7	0.95	1	1	4.775896
HL93_serv_inv	BOBJ1	96	265.68	Before	Right Exterior Girder	7	0.95	1	1	4.775896
HL93_serv_inv	BOBJ1	97	265.68	After	Left Exterior Girder	7	0.95	1	1	2.765636
HL93_serv_inv	BOBJ1	97	265.68	After	Right Exterior Girder	7	0.95	1	1	2.765636
HL93_serv_inv	BOBJ1	98	268.08	Before	Left Exterior Girder	9.4	0.95	1	1	3.296052
HL93_serv_inv	BOBJ1	98	268.08	Before	Interior Girder 1	9.4	0.95	1	1	3.214814
HL93_serv_inv	BOBJ1	98	268.08	Before	Interior Girder 2	9.4	0.95	1	1	3.165455

TABLE: Bridge Super Rating AASHTORATE18 31 - SteelICompServ-Flx - Approach, Span 7-11										
Request	BridgeObj	BridgeCut	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	Unitless	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
HL93_serv_inv	BOBJ1	98	268.08	Before	Interior Girder 3	9.4	0.95	1	1	3.150489
HL93_serv_inv	BOBJ1	98	268.08	Before	Interior Girder 4	9.4	0.95	1	1	3.150489
HL93_serv_inv	BOBJ1	98	268.08	Before	Interior Girder 5	9.4	0.95	1	1	3.165455
HL93_serv_inv	BOBJ1	98	268.08	Before	Interior Girder 6	9.4	0.95	1	1	3.214814
HL93_serv_inv	BOBJ1	98	268.08	Before	Right Exterior Girder	9.4	0.95	1	1	3.296052
HL93_serv_inv	BOBJ1	99	268.08	After	Left Exterior Girder	9.4	0.95	1	1	3.22447
HL93_serv_inv	BOBJ1	99	268.08	After	Interior Girder 1	9.4	0.95	1	1	3.261768
HL93_serv_inv	BOBJ1	99	268.08	After	Interior Girder 2	9.4	0.95	1	1	3.191064
HL93_serv_inv	BOBJ1	99	268.08	After	Interior Girder 3	9.4	0.95	1	1	3.149373
HL93_serv_inv	BOBJ1	99	268.08	After	Interior Girder 4	9.4	0.95	1	1	3.149373
HL93_serv_inv	BOBJ1	99	268.08	After	Interior Girder 5	9.4	0.95	1	1	3.191064
HL93_serv_inv	BOBJ1	99	268.08	After	Interior Girder 6	9.4	0.95	1	1	3.261768
HL93_serv_inv	BOBJ1	99	268.08	After	Right Exterior Girder	9.4	0.95	1	1	3.22447
HL93_serv_inv	BOBJ1	100	277.48	Before	Left Exterior Girder	18.8	0.95	1	1	3.741658
HL93_serv_inv	BOBJ1	100	277.48	Before	Interior Girder 1	18.8	0.95	1	1	3.421314
HL93_serv_inv	BOBJ1	100	277.48	Before	Interior Girder 2	18.8	0.95	1	1	3.165547
HL93_serv_inv	BOBJ1	100	277.48	Before	Interior Girder 3	18.8	0.95	1	1	3.114793
HL93_serv_inv	BOBJ1	100	277.48	Before	Interior Girder 4	18.8	0.95	1	1	3.114793
HL93_serv_inv	BOBJ1	100	277.48	Before	Interior Girder 5	18.8	0.95	1	1	3.165547
HL93_serv_inv	BOBJ1	100	277.48	Before	Interior Girder 6	18.8	0.95	1	1	3.421314
HL93_serv_inv	BOBJ1	100	277.48	Before	Right Exterior Girder	18.8	0.95	1	1	3.741658
HL93_serv_inv	BOBJ1	101	277.48	After	Left Exterior Girder	18.8	0.95	1	1	3.810402
HL93_serv_inv	BOBJ1	101	277.48	After	Interior Girder 1	18.8	0.95	1	1	3.369758
HL93_serv_inv	BOBJ1	101	277.48	After	Interior Girder 2	18.8	0.95	1	1	3.173419
HL93_serv_inv	BOBJ1	101	277.48	After	Interior Girder 3	18.8	0.95	1	1	3.160305
HL93_serv_inv	BOBJ1	101	277.48	After	Interior Girder 4	18.8	0.95	1	1	3.160305
HL93_serv_inv	BOBJ1	101	277.48	After	Interior Girder 5	18.8	0.95	1	1	3.173419
HL93_serv_inv	BOBJ1	101	277.48	After	Interior Girder 6	18.8	0.95	1	1	3.369758
HL93_serv_inv	BOBJ1	101	277.48	After	Right Exterior Girder	18.8	0.95	1	1	3.810402
HL93_serv_inv	BOBJ1	102	286.88	Before	Left Exterior Girder	28.2	0.95	1	1	2.752828
HL93_serv_inv	BOBJ1	102	286.88	Before	Interior Girder 1	28.2	0.95	1	1	2.252662
HL93_serv_inv	BOBJ1	102	286.88	Before	Interior Girder 2	28.2	0.95	1	1	2.174051
HL93_serv_inv	BOBJ1	102	286.88	Before	Interior Girder 3	28.2	0.95	1	1	2.118461
HL93_serv_inv	BOBJ1	102	286.88	Before	Interior Girder 4	28.2	0.95	1	1	2.118461
HL93_serv_inv	BOBJ1	102	286.88	Before	Interior Girder 5	28.2	0.95	1	1	2.174051
HL93_serv_inv	BOBJ1	102	286.88	Before	Interior Girder 6	28.2	0.95	1	1	2.252662
HL93_serv_inv	BOBJ1	102	286.88	Before	Right Exterior Girder	28.2	0.95	1	1	2.752828
HL93_serv_inv	BOBJ1	103	286.88	After	Left Exterior Girder	28.2	0.95	1	1	2.760757
HL93_serv_inv	BOBJ1	103	286.88	After	Interior Girder 1	28.2	0.95	1	1	2.250215
HL93_serv_inv	BOBJ1	103	286.88	After	Interior Girder 2	28.2	0.95	1	1	2.18013
HL93_serv_inv	BOBJ1	103	286.88	After	Interior Girder 3	28.2	0.95	1	1	2.131695
HL93_serv_inv	BOBJ1	103	286.88	After	Interior Girder 4	28.2	0.95	1	1	2.131695
HL93_serv_inv	BOBJ1	103	286.88	After	Interior Girder 5	28.2	0.95	1	1	2.18013
HL93_serv_inv	BOBJ1	103	286.88	After	Interior Girder 6	28.2	0.95	1	1	2.250215
HL93_serv_inv	BOBJ1	103	286.88	After	Right Exterior Girder	28.2	0.95	1	1	2.760757
HL93_serv_inv	BOBJ1	104	296.28	Before	Left Exterior Girder	37.6	0.95	1	1	2.579673
HL93_serv_inv	BOBJ1	104	296.28	Before	Interior Girder 1	37.6	0.95	1	1	2.382655
HL93_serv_inv	BOBJ1	104	296.28	Before	Interior Girder 2	37.6	0.95	1	1	2.277411
HL93_serv_inv	BOBJ1	104	296.28	Before	Interior Girder 3	37.6	0.95	1	1	2.276312
HL93_serv_inv	BOBJ1	104	296.28	Before	Interior Girder 4	37.6	0.95	1	1	2.276312
HL93_serv_inv	BOBJ1	104	296.28	Before	Interior Girder 5	37.6	0.95	1	1	2.277411
HL93_serv_inv	BOBJ1	104	296.28	Before	Interior Girder 6	37.6	0.95	1	1	2.382655
HL93_serv_inv	BOBJ1	104	296.28	Before	Right Exterior Girder	37.6	0.95	1	1	2.579673
HL93_serv_inv	BOBJ1	105	296.28	After	Left Exterior Girder	37.6	0.95	1	1	2.551211
HL93_serv_inv	BOBJ1	105	296.28	After	Interior Girder 1	37.6	0.95	1	1	2.404868
HL93_serv_inv	BOBJ1	105	296.28	After	Interior Girder 2	37.6	0.95	1	1	2.273149
HL93_serv_inv	BOBJ1	105	296.28	After	Interior Girder 3	37.6	0.95	1	1	2.257721
HL93_serv_inv	BOBJ1	105	296.28	After	Interior Girder 4	37.6	0.95	1	1	2.257721
HL93_serv_inv	BOBJ1	105	296.28	After	Interior Girder 5	37.6	0.95	1	1	2.273149
HL93_serv_inv	BOBJ1	105	296.28	After	Interior Girder 6	37.6	0.95	1	1	2.404868
HL93_serv_inv	BOBJ1	105	296.28	After	Right Exterior Girder	37.6	0.95	1	1	2.551211
HL93_serv_inv	BOBJ1	106	305.69	Before	Left Exterior Girder	47.01	0.95	1	1	4.537537
HL93_serv_inv	BOBJ1	106	305.69	Before	Interior Girder 1	47.01	0.95	1	1	3.257881
HL93_serv_inv	BOBJ1	106	305.69	Before	Interior Girder 2	47.01	0.95	1	1	3.148391
HL93_serv_inv	BOBJ1	106	305.69	Before	Interior Girder 3	47.01	0.95	1	1	3.018236
HL93_serv_inv	BOBJ1	106	305.69	Before	Interior Girder 4	47.01	0.95	1	1	3.018236
HL93_serv_inv	BOBJ1	106	305.69	Before	Interior Girder 5	47.01	0.95	1	1	3.148391
HL93_serv_inv	BOBJ1	106	305.69	Before	Interior Girder 6	47.01	0.95	1	1	3.257881
HL93_serv_inv	BOBJ1	106	305.69	Before	Right Exterior Girder	47.01	0.95	1	1	4.537537
HL93_serv_inv	BOBJ1	107	305.69	After	Left Exterior Girder	47.01	0.95	1	1	4.526951
HL93_serv_inv	BOBJ1	107	305.69	After	Interior Girder 1	47.01	0.95	1	1	3.26887
HL93_serv_inv	BOBJ1	107	305.69	After	Interior Girder 2	47.01	0.95	1	1	3.09079
HL93_serv_inv	BOBJ1	107	305.69	After	Interior Girder 3	47.01	0.95	1	1	2.920396

TABLE: Bridge Super Rating AASHTORATE18 31 - SteelICompServ-Flx - Approach, Span 7-11										
Request	BridgeObj	BridgeCut	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	Unitless	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
HL93_serv_inv	BOBJ1	107	305.69	After	Interior Girder 4	47.01	0.95	1	1	2.920396
HL93_serv_inv	BOBJ1	107	305.69	After	Interior Girder 5	47.01	0.95	1	1	3.09079
HL93_serv_inv	BOBJ1	107	305.69	After	Interior Girder 6	47.01	0.95	1	1	3.26887
HL93_serv_inv	BOBJ1	107	305.69	After	Right Exterior Girder	47.01	0.95	1	1	4.526951
HL93_serv_inv	BOBJ1	108	315.1	Before	Left Exterior Girder	56.42	0.95	1	1	248.992829
HL93_serv_inv	BOBJ1	108	315.1	Before	Interior Girder 1	56.42	0.95	1	1	312.737831
HL93_serv_inv	BOBJ1	108	315.1	Before	Interior Girder 2	56.42	0.95	1	1	165.663113
HL93_serv_inv	BOBJ1	108	315.1	Before	Interior Girder 3	56.42	0.95	1	1	120.812048
HL93_serv_inv	BOBJ1	108	315.1	Before	Interior Girder 4	56.42	0.95	1	1	120.812047
HL93_serv_inv	BOBJ1	108	315.1	Before	Interior Girder 5	56.42	0.95	1	1	165.663114
HL93_serv_inv	BOBJ1	108	315.1	Before	Interior Girder 6	56.42	0.95	1	1	312.73783
HL93_serv_inv	BOBJ1	108	315.1	Before	Right Exterior Girder	56.42	0.95	1	1	248.99283
HS20_serv_opr	BOBJ1	1	0	After	Left Exterior Girder	0	0.95	1	1	368.095287
HS20_serv_opr	BOBJ1	1	0	After	Interior Girder 1	0	0.95	1	1	445.384338
HS20_serv_opr	BOBJ1	1	0	After	Interior Girder 2	0	0.95	1	1	254.742313
HS20_serv_opr	BOBJ1	1	0	After	Interior Girder 3	0	0.95	1	1	178.324134
HS20_serv_opr	BOBJ1	1	0	After	Interior Girder 4	0	0.95	1	1	178.324134
HS20_serv_opr	BOBJ1	1	0	After	Interior Girder 5	0	0.95	1	1	254.742312
HS20_serv_opr	BOBJ1	1	0	After	Interior Girder 6	0	0.95	1	1	445.384343
HS20_serv_opr	BOBJ1	1	0	After	Right Exterior Girder	0	0.95	1	1	368.095287
HS20_serv_opr	BOBJ1	2	9.4	Before	Left Exterior Girder	9.4	0.95	1	1	7.02383
HS20_serv_opr	BOBJ1	2	9.4	Before	Interior Girder 1	9.4	0.95	1	1	5.086505
HS20_serv_opr	BOBJ1	2	9.4	Before	Interior Girder 2	9.4	0.95	1	1	4.766392
HS20_serv_opr	BOBJ1	2	9.4	Before	Interior Girder 3	9.4	0.95	1	1	4.448615
HS20_serv_opr	BOBJ1	2	9.4	Before	Interior Girder 4	9.4	0.95	1	1	4.448615
HS20_serv_opr	BOBJ1	2	9.4	Before	Interior Girder 5	9.4	0.95	1	1	4.766392
HS20_serv_opr	BOBJ1	2	9.4	Before	Interior Girder 6	9.4	0.95	1	1	5.086505
HS20_serv_opr	BOBJ1	2	9.4	Before	Right Exterior Girder	9.4	0.95	1	1	7.02383
HS20_serv_opr	BOBJ1	3	9.4	After	Left Exterior Girder	9.4	0.95	1	1	7.054215
HS20_serv_opr	BOBJ1	3	9.4	After	Interior Girder 1	9.4	0.95	1	1	5.070801
HS20_serv_opr	BOBJ1	3	9.4	After	Interior Girder 2	9.4	0.95	1	1	4.858479
HS20_serv_opr	BOBJ1	3	9.4	After	Interior Girder 3	9.4	0.95	1	1	4.617251
HS20_serv_opr	BOBJ1	3	9.4	After	Interior Girder 4	9.4	0.95	1	1	4.617251
HS20_serv_opr	BOBJ1	3	9.4	After	Interior Girder 5	9.4	0.95	1	1	4.858479
HS20_serv_opr	BOBJ1	3	9.4	After	Interior Girder 6	9.4	0.95	1	1	5.070801
HS20_serv_opr	BOBJ1	3	9.4	After	Right Exterior Girder	9.4	0.95	1	1	7.054215
HS20_serv_opr	BOBJ1	4	18.8	Before	Left Exterior Girder	18.8	0.95	1	1	4.052399
HS20_serv_opr	BOBJ1	4	18.8	Before	Interior Girder 1	18.8	0.95	1	1	3.833366
HS20_serv_opr	BOBJ1	4	18.8	Before	Interior Girder 2	18.8	0.95	1	1	3.622897
HS20_serv_opr	BOBJ1	4	18.8	Before	Interior Girder 3	18.8	0.95	1	1	3.58405
HS20_serv_opr	BOBJ1	4	18.8	Before	Interior Girder 4	18.8	0.95	1	1	3.58405
HS20_serv_opr	BOBJ1	4	18.8	Before	Interior Girder 5	18.8	0.95	1	1	3.622897
HS20_serv_opr	BOBJ1	4	18.8	Before	Interior Girder 6	18.8	0.95	1	1	3.833366
HS20_serv_opr	BOBJ1	4	18.8	Before	Right Exterior Girder	18.8	0.95	1	1	4.052399
HS20_serv_opr	BOBJ1	5	18.8	After	Left Exterior Girder	18.8	0.95	1	1	4.097608
HS20_serv_opr	BOBJ1	5	18.8	After	Interior Girder 1	18.8	0.95	1	1	3.800649
HS20_serv_opr	BOBJ1	5	18.8	After	Interior Girder 2	18.8	0.95	1	1	3.628842
HS20_serv_opr	BOBJ1	5	18.8	After	Interior Girder 3	18.8	0.95	1	1	3.610271
HS20_serv_opr	BOBJ1	5	18.8	After	Interior Girder 4	18.8	0.95	1	1	3.610271
HS20_serv_opr	BOBJ1	5	18.8	After	Interior Girder 5	18.8	0.95	1	1	3.628842
HS20_serv_opr	BOBJ1	5	18.8	After	Interior Girder 6	18.8	0.95	1	1	3.800649
HS20_serv_opr	BOBJ1	5	18.8	After	Right Exterior Girder	18.8	0.95	1	1	4.097608
HS20_serv_opr	BOBJ1	6	28.2	Before	Left Exterior Girder	28.2	0.95	1	1	4.439011
HS20_serv_opr	BOBJ1	6	28.2	Before	Interior Girder 1	28.2	0.95	1	1	3.620114
HS20_serv_opr	BOBJ1	6	28.2	Before	Interior Girder 2	28.2	0.95	1	1	3.489947
HS20_serv_opr	BOBJ1	6	28.2	Before	Interior Girder 3	28.2	0.95	1	1	3.384083
HS20_serv_opr	BOBJ1	6	28.2	Before	Interior Girder 4	28.2	0.95	1	1	3.384083
HS20_serv_opr	BOBJ1	6	28.2	Before	Interior Girder 5	28.2	0.95	1	1	3.489947
HS20_serv_opr	BOBJ1	6	28.2	Before	Interior Girder 6	28.2	0.95	1	1	3.620114
HS20_serv_opr	BOBJ1	6	28.2	Before	Right Exterior Girder	28.2	0.95	1	1	4.439011
HS20_serv_opr	BOBJ1	7	28.2	After	Left Exterior Girder	28.2	0.95	1	1	4.424255
HS20_serv_opr	BOBJ1	7	28.2	After	Interior Girder 1	28.2	0.95	1	1	3.622856
HS20_serv_opr	BOBJ1	7	28.2	After	Interior Girder 2	28.2	0.95	1	1	3.477759
HS20_serv_opr	BOBJ1	7	28.2	After	Interior Girder 3	28.2	0.95	1	1	3.361286
HS20_serv_opr	BOBJ1	7	28.2	After	Interior Girder 4	28.2	0.95	1	1	3.361286
HS20_serv_opr	BOBJ1	7	28.2	After	Interior Girder 5	28.2	0.95	1	1	3.477759
HS20_serv_opr	BOBJ1	7	28.2	After	Interior Girder 6	28.2	0.95	1	1	3.622856
HS20_serv_opr	BOBJ1	7	28.2	After	Right Exterior Girder	28.2	0.95	1	1	4.424255
HS20_serv_opr	BOBJ1	8	37.6	Before	Left Exterior Girder	37.6	0.95	1	1	6.203929
HS20_serv_opr	BOBJ1	8	37.6	Before	Interior Girder 1	37.6	0.95	1	1	5.44618
HS20_serv_opr	BOBJ1	8	37.6	Before	Interior Girder 2	37.6	0.95	1	1	5.100479
HS20_serv_opr	BOBJ1	8	37.6	Before	Interior Girder 3	37.6	0.95	1	1	5.028549
HS20_serv_opr	BOBJ1	8	37.6	Before	Interior Girder 4	37.6	0.95	1	1	5.028549

TABLE: Bridge Super Rating AASHTORATE18 31 - SteelICompServ-Flx - Approach, Span 7-11										
Request	BridgeObj	BridgeCut	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	Unitless	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
HS20_serv_opr	BOBJ1	8	37.6	Before	Interior Girder 5	37.6	0.95	1	1	5.100479
HS20_serv_opr	BOBJ1	8	37.6	Before	Interior Girder 6	37.6	0.95	1	1	5.44618
HS20_serv_opr	BOBJ1	8	37.6	Before	Right Exterior Girder	37.6	0.95	1	1	6.203929
HS20_serv_opr	BOBJ1	9	37.6	After	Left Exterior Girder	37.6	0.95	1	1	6.080969
HS20_serv_opr	BOBJ1	9	37.6	After	Interior Girder 1	37.6	0.95	1	1	5.531549
HS20_serv_opr	BOBJ1	9	37.6	After	Interior Girder 2	37.6	0.95	1	1	5.088289
HS20_serv_opr	BOBJ1	9	37.6	After	Interior Girder 3	37.6	0.95	1	1	4.963218
HS20_serv_opr	BOBJ1	9	37.6	After	Interior Girder 4	37.6	0.95	1	1	4.963218
HS20_serv_opr	BOBJ1	9	37.6	After	Interior Girder 5	37.6	0.95	1	1	5.088289
HS20_serv_opr	BOBJ1	9	37.6	After	Interior Girder 6	37.6	0.95	1	1	5.531549
HS20_serv_opr	BOBJ1	9	37.6	After	Right Exterior Girder	37.6	0.95	1	1	6.080969
HS20_serv_opr	BOBJ1	10	47.01	Before	Left Exterior Girder	47.01	0.95	1	1	5.386602
HS20_serv_opr	BOBJ1	10	47.01	Before	Interior Girder 1	47.01	0.95	1	1	5.560758
HS20_serv_opr	BOBJ1	10	47.01	Before	Interior Girder 2	47.01	0.95	1	1	5.49366
HS20_serv_opr	BOBJ1	10	47.01	Before	Interior Girder 3	47.01	0.95	1	1	5.381156
HS20_serv_opr	BOBJ1	10	47.01	Before	Interior Girder 4	47.01	0.95	1	1	5.381156
HS20_serv_opr	BOBJ1	10	47.01	Before	Interior Girder 5	47.01	0.95	1	1	5.49366
HS20_serv_opr	BOBJ1	10	47.01	Before	Interior Girder 6	47.01	0.95	1	1	5.560758
HS20_serv_opr	BOBJ1	10	47.01	Before	Right Exterior Girder	47.01	0.95	1	1	5.386602
HS20_serv_opr	BOBJ1	11	47.01	After	Left Exterior Girder	47.01	0.95	1	1	5.492416
HS20_serv_opr	BOBJ1	11	47.01	After	Interior Girder 1	47.01	0.95	1	1	5.476213
HS20_serv_opr	BOBJ1	11	47.01	After	Interior Girder 2	47.01	0.95	1	1	5.427584
HS20_serv_opr	BOBJ1	11	47.01	After	Interior Girder 3	47.01	0.95	1	1	5.356889
HS20_serv_opr	BOBJ1	11	47.01	After	Interior Girder 4	47.01	0.95	1	1	5.356889
HS20_serv_opr	BOBJ1	11	47.01	After	Interior Girder 5	47.01	0.95	1	1	5.427584
HS20_serv_opr	BOBJ1	11	47.01	After	Interior Girder 6	47.01	0.95	1	1	5.476213
HS20_serv_opr	BOBJ1	11	47.01	After	Right Exterior Girder	47.01	0.95	1	1	5.492416
HS20_serv_opr	BOBJ1	12	49.42	Before	Left Exterior Girder	49.42	0.95	1	1	4.68988
HS20_serv_opr	BOBJ1	12	49.42	Before	Right Exterior Girder	49.42	0.95	1	1	4.68988
HS20_serv_opr	BOBJ1	13	49.42	After	Left Exterior Girder	49.42	0.95	1	1	8.107447
HS20_serv_opr	BOBJ1	13	49.42	After	Right Exterior Girder	49.42	0.95	1	1	8.107447
HS20_serv_opr	BOBJ1	14	51.92	Before	Interior Girder 1	51.92	0.95	1	1	4.323775
HS20_serv_opr	BOBJ1	14	51.92	Before	Interior Girder 2	51.92	0.95	1	1	4.251763
HS20_serv_opr	BOBJ1	14	51.92	Before	Interior Girder 3	51.92	0.95	1	1	4.001961
HS20_serv_opr	BOBJ1	14	51.92	Before	Interior Girder 4	51.92	0.95	1	1	4.001961
HS20_serv_opr	BOBJ1	14	51.92	Before	Interior Girder 5	51.92	0.95	1	1	4.251763
HS20_serv_opr	BOBJ1	14	51.92	Before	Interior Girder 6	51.92	0.95	1	1	4.323775
HS20_serv_opr	BOBJ1	15	51.92	After	Interior Girder 1	51.92	0.95	1	1	5.303509
HS20_serv_opr	BOBJ1	15	51.92	After	Interior Girder 2	51.92	0.95	1	1	5.101431
HS20_serv_opr	BOBJ1	15	51.92	After	Interior Girder 3	51.92	0.95	1	1	4.834427
HS20_serv_opr	BOBJ1	15	51.92	After	Interior Girder 4	51.92	0.95	1	1	4.834427
HS20_serv_opr	BOBJ1	15	51.92	After	Interior Girder 5	51.92	0.95	1	1	5.101431
HS20_serv_opr	BOBJ1	15	51.92	After	Interior Girder 6	51.92	0.95	1	1	5.303509
HS20_serv_opr	BOBJ1	16	56.42	Before	Left Exterior Girder	56.42	0.95	1	1	5.750827
HS20_serv_opr	BOBJ1	16	56.42	Before	Interior Girder 1	56.42	0.95	1	1	4.001292
HS20_serv_opr	BOBJ1	16	56.42	Before	Interior Girder 2	56.42	0.95	1	1	3.81265
HS20_serv_opr	BOBJ1	16	56.42	Before	Interior Girder 3	56.42	0.95	1	1	3.165997
HS20_serv_opr	BOBJ1	16	56.42	Before	Interior Girder 4	56.42	0.95	1	1	3.165997
HS20_serv_opr	BOBJ1	16	56.42	Before	Interior Girder 5	56.42	0.95	1	1	3.81265
HS20_serv_opr	BOBJ1	16	56.42	Before	Interior Girder 6	56.42	0.95	1	1	4.001292
HS20_serv_opr	BOBJ1	16	56.42	Before	Right Exterior Girder	56.42	0.95	1	1	5.750827
HS20_serv_opr	BOBJ1	17	56.42	After	Left Exterior Girder	0	0.95	1	1	5.627956
HS20_serv_opr	BOBJ1	17	56.42	After	Interior Girder 1	0	0.95	1	1	3.852795
HS20_serv_opr	BOBJ1	17	56.42	After	Interior Girder 2	0	0.95	1	1	3.681831
HS20_serv_opr	BOBJ1	17	56.42	After	Interior Girder 3	0	0.95	1	1	3.112387
HS20_serv_opr	BOBJ1	17	56.42	After	Interior Girder 4	0	0.95	1	1	3.112387
HS20_serv_opr	BOBJ1	17	56.42	After	Interior Girder 5	0	0.95	1	1	3.681831
HS20_serv_opr	BOBJ1	17	56.42	After	Interior Girder 6	0	0.95	1	1	3.852795
HS20_serv_opr	BOBJ1	17	56.42	After	Right Exterior Girder	0	0.95	1	1	5.627956
HS20_serv_opr	BOBJ1	18	60.92	Before	Interior Girder 1	4.5	0.95	1	1	6.144307
HS20_serv_opr	BOBJ1	18	60.92	Before	Interior Girder 2	4.5	0.95	1	1	5.757745
HS20_serv_opr	BOBJ1	18	60.92	Before	Interior Girder 3	4.5	0.95	1	1	5.27295
HS20_serv_opr	BOBJ1	18	60.92	Before	Interior Girder 4	4.5	0.95	1	1	5.27295
HS20_serv_opr	BOBJ1	18	60.92	Before	Interior Girder 5	4.5	0.95	1	1	5.757745
HS20_serv_opr	BOBJ1	18	60.92	Before	Interior Girder 6	4.5	0.95	1	1	6.144307
HS20_serv_opr	BOBJ1	19	60.92	After	Interior Girder 1	4.5	0.95	1	1	5.028082
HS20_serv_opr	BOBJ1	19	60.92	After	Interior Girder 2	4.5	0.95	1	1	4.802247
HS20_serv_opr	BOBJ1	19	60.92	After	Interior Girder 3	4.5	0.95	1	1	4.377661
HS20_serv_opr	BOBJ1	19	60.92	After	Interior Girder 4	4.5	0.95	1	1	4.377661
HS20_serv_opr	BOBJ1	19	60.92	After	Interior Girder 5	4.5	0.95	1	1	4.802247
HS20_serv_opr	BOBJ1	19	60.92	After	Interior Girder 6	4.5	0.95	1	1	5.028082
HS20_serv_opr	BOBJ1	20	63.42	Before	Left Exterior Girder	7	0.95	1	1	9.985217
HS20_serv_opr	BOBJ1	20	63.42	Before	Right Exterior Girder	7	0.95	1	1	9.985217

TABLE: Bridge Super Rating AASHTORATE18 31 - SteelICompServ-Flx - Approach, Span 7-11										
Request	BridgeObj	BridgeCut	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	Unitless	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
HS20_serv_opr	BOBJ1	21	63.42	After	Left Exterior Girder	7	0.95	1	1	5.747114
HS20_serv_opr	BOBJ1	21	63.42	After	Right Exterior Girder	7	0.95	1	1	5.747114
HS20_serv_opr	BOBJ1	22	64.845	Before	Left Exterior Girder	8.425	0.95	1	1	6.285478
HS20_serv_opr	BOBJ1	22	64.845	Before	Interior Girder 1	8.425	0.95	1	1	6.136808
HS20_serv_opr	BOBJ1	22	64.845	Before	Interior Girder 2	8.425	0.95	1	1	5.853469
HS20_serv_opr	BOBJ1	22	64.845	Before	Interior Girder 3	8.425	0.95	1	1	5.670296
HS20_serv_opr	BOBJ1	22	64.845	Before	Interior Girder 4	8.425	0.95	1	1	5.670296
HS20_serv_opr	BOBJ1	22	64.845	Before	Interior Girder 5	8.425	0.95	1	1	5.853469
HS20_serv_opr	BOBJ1	22	64.845	Before	Interior Girder 6	8.425	0.95	1	1	6.136808
HS20_serv_opr	BOBJ1	22	64.845	Before	Right Exterior Girder	8.425	0.95	1	1	6.285478
HS20_serv_opr	BOBJ1	23	64.845	After	Left Exterior Girder	8.425	0.95	1	1	6.230067
HS20_serv_opr	BOBJ1	23	64.845	After	Interior Girder 1	8.425	0.95	1	1	6.201601
HS20_serv_opr	BOBJ1	23	64.845	After	Interior Girder 2	8.425	0.95	1	1	5.913617
HS20_serv_opr	BOBJ1	23	64.845	After	Interior Girder 3	8.425	0.95	1	1	5.70804
HS20_serv_opr	BOBJ1	23	64.845	After	Interior Girder 4	8.425	0.95	1	1	5.70804
HS20_serv_opr	BOBJ1	23	64.845	After	Interior Girder 5	8.425	0.95	1	1	5.913617
HS20_serv_opr	BOBJ1	23	64.845	After	Interior Girder 6	8.425	0.95	1	1	6.201601
HS20_serv_opr	BOBJ1	23	64.845	After	Right Exterior Girder	8.425	0.95	1	1	6.230067
HS20_serv_opr	BOBJ1	24	69.92	Before	Left Exterior Girder	13.5	0.95	1	1	8.222576
HS20_serv_opr	BOBJ1	24	69.92	Before	Interior Girder 1	13.5	0.95	1	1	7.712906
HS20_serv_opr	BOBJ1	24	69.92	Before	Interior Girder 2	13.5	0.95	1	1	7.54662
HS20_serv_opr	BOBJ1	24	69.92	Before	Interior Girder 3	13.5	0.95	1	1	7.731937
HS20_serv_opr	BOBJ1	24	69.92	Before	Interior Girder 4	13.5	0.95	1	1	7.731937
HS20_serv_opr	BOBJ1	24	69.92	Before	Interior Girder 5	13.5	0.95	1	1	7.54662
HS20_serv_opr	BOBJ1	24	69.92	Before	Interior Girder 6	13.5	0.95	1	1	7.712906
HS20_serv_opr	BOBJ1	24	69.92	Before	Right Exterior Girder	13.5	0.95	1	1	8.222576
HS20_serv_opr	BOBJ1	25	69.92	After	Left Exterior Girder	13.5	0.95	1	1	7.065394
HS20_serv_opr	BOBJ1	25	69.92	After	Interior Girder 1	13.5	0.95	1	1	7.20844
HS20_serv_opr	BOBJ1	25	69.92	After	Interior Girder 2	13.5	0.95	1	1	7.077129
HS20_serv_opr	BOBJ1	25	69.92	After	Interior Girder 3	13.5	0.95	1	1	7.223829
HS20_serv_opr	BOBJ1	25	69.92	After	Interior Girder 4	13.5	0.95	1	1	7.223829
HS20_serv_opr	BOBJ1	25	69.92	After	Interior Girder 5	13.5	0.95	1	1	7.077129
HS20_serv_opr	BOBJ1	25	69.92	After	Interior Girder 6	13.5	0.95	1	1	7.20844
HS20_serv_opr	BOBJ1	25	69.92	After	Right Exterior Girder	13.5	0.95	1	1	7.065394
HS20_serv_opr	BOBJ1	26	73.27	Before	Left Exterior Girder	16.85	0.95	1	1	7.549583
HS20_serv_opr	BOBJ1	26	73.27	Before	Interior Girder 1	16.85	0.95	1	1	6.58199
HS20_serv_opr	BOBJ1	26	73.27	Before	Interior Girder 2	16.85	0.95	1	1	6.027849
HS20_serv_opr	BOBJ1	26	73.27	Before	Interior Girder 3	16.85	0.95	1	1	5.849692
HS20_serv_opr	BOBJ1	26	73.27	Before	Interior Girder 4	16.85	0.95	1	1	5.849692
HS20_serv_opr	BOBJ1	26	73.27	Before	Interior Girder 5	16.85	0.95	1	1	6.027849
HS20_serv_opr	BOBJ1	26	73.27	Before	Interior Girder 6	16.85	0.95	1	1	6.58199
HS20_serv_opr	BOBJ1	26	73.27	Before	Right Exterior Girder	16.85	0.95	1	1	7.549583
HS20_serv_opr	BOBJ1	27	73.27	After	Left Exterior Girder	16.85	0.95	1	1	7.725313
HS20_serv_opr	BOBJ1	27	73.27	After	Interior Girder 1	16.85	0.95	1	1	6.479002
HS20_serv_opr	BOBJ1	27	73.27	After	Interior Girder 2	16.85	0.95	1	1	5.996358
HS20_serv_opr	BOBJ1	27	73.27	After	Interior Girder 3	16.85	0.95	1	1	5.890731
HS20_serv_opr	BOBJ1	27	73.27	After	Interior Girder 4	16.85	0.95	1	1	5.890731
HS20_serv_opr	BOBJ1	27	73.27	After	Interior Girder 5	16.85	0.95	1	1	5.996358
HS20_serv_opr	BOBJ1	27	73.27	After	Interior Girder 6	16.85	0.95	1	1	6.479002
HS20_serv_opr	BOBJ1	27	73.27	After	Right Exterior Girder	16.85	0.95	1	1	7.725313
HS20_serv_opr	BOBJ1	28	81.695	Before	Left Exterior Girder	25.275	0.95	1	1	4.663085
HS20_serv_opr	BOBJ1	28	81.695	Before	Interior Girder 1	25.275	0.95	1	1	3.970384
HS20_serv_opr	BOBJ1	28	81.695	Before	Interior Girder 2	25.275	0.95	1	1	3.818493
HS20_serv_opr	BOBJ1	28	81.695	Before	Interior Girder 3	25.275	0.95	1	1	3.704682
HS20_serv_opr	BOBJ1	28	81.695	Before	Interior Girder 4	25.275	0.95	1	1	3.704682
HS20_serv_opr	BOBJ1	28	81.695	Before	Interior Girder 5	25.275	0.95	1	1	3.818493
HS20_serv_opr	BOBJ1	28	81.695	Before	Interior Girder 6	25.275	0.95	1	1	3.970384
HS20_serv_opr	BOBJ1	28	81.695	Before	Right Exterior Girder	25.275	0.95	1	1	4.663085
HS20_serv_opr	BOBJ1	29	81.695	After	Left Exterior Girder	25.275	0.95	1	1	4.736603
HS20_serv_opr	BOBJ1	29	81.695	After	Interior Girder 1	25.275	0.95	1	1	3.94215
HS20_serv_opr	BOBJ1	29	81.695	After	Interior Girder 2	25.275	0.95	1	1	3.816608
HS20_serv_opr	BOBJ1	29	81.695	After	Interior Girder 3	25.275	0.95	1	1	3.741986
HS20_serv_opr	BOBJ1	29	81.695	After	Interior Girder 4	25.275	0.95	1	1	3.741986
HS20_serv_opr	BOBJ1	29	81.695	After	Interior Girder 5	25.275	0.95	1	1	3.816608
HS20_serv_opr	BOBJ1	29	81.695	After	Interior Girder 6	25.275	0.95	1	1	3.94215
HS20_serv_opr	BOBJ1	29	81.695	After	Right Exterior Girder	25.275	0.95	1	1	4.736603
HS20_serv_opr	BOBJ1	30	90.12	Before	Left Exterior Girder	33.7	0.95	1	1	3.793481
HS20_serv_opr	BOBJ1	30	90.12	Before	Interior Girder 1	33.7	0.95	1	1	3.729599
HS20_serv_opr	BOBJ1	30	90.12	Before	Interior Girder 2	33.7	0.95	1	1	3.631406
HS20_serv_opr	BOBJ1	30	90.12	Before	Interior Girder 3	33.7	0.95	1	1	3.633804
HS20_serv_opr	BOBJ1	30	90.12	Before	Interior Girder 4	33.7	0.95	1	1	3.633804
HS20_serv_opr	BOBJ1	30	90.12	Before	Interior Girder 5	33.7	0.95	1	1	3.631406
HS20_serv_opr	BOBJ1	30	90.12	Before	Interior Girder 6	33.7	0.95	1	1	3.729599

TABLE: Bridge Super Rating AASHTORATE18 31 - SteelICompServ-Flx - Approach, Span 7-11										
Request	BridgeObj	BridgeCut	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	Unitless	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
HS20_serv_opr	BOBJ1	30	90.12	Before	Right Exterior Girder	33.7	0.95	1	1	3.793481
HS20_serv_opr	BOBJ1	31	90.12	After	Left Exterior Girder	33.7	0.95	1	1	3.79882
HS20_serv_opr	BOBJ1	31	90.12	After	Interior Girder 1	33.7	0.95	1	1	3.728489
HS20_serv_opr	BOBJ1	31	90.12	After	Interior Girder 2	33.7	0.95	1	1	3.626988
HS20_serv_opr	BOBJ1	31	90.12	After	Interior Girder 3	33.7	0.95	1	1	3.632194
HS20_serv_opr	BOBJ1	31	90.12	After	Interior Girder 4	33.7	0.95	1	1	3.632194
HS20_serv_opr	BOBJ1	31	90.12	After	Interior Girder 5	33.7	0.95	1	1	3.626988
HS20_serv_opr	BOBJ1	31	90.12	After	Interior Girder 6	33.7	0.95	1	1	3.728489
HS20_serv_opr	BOBJ1	31	90.12	After	Right Exterior Girder	33.7	0.95	1	1	3.79882
HS20_serv_opr	BOBJ1	32	98.545	Before	Left Exterior Girder	42.125	0.95	1	1	4.607719
HS20_serv_opr	BOBJ1	32	98.545	Before	Interior Girder 1	42.125	0.95	1	1	3.885213
HS20_serv_opr	BOBJ1	32	98.545	Before	Interior Girder 2	42.125	0.95	1	1	3.777818
HS20_serv_opr	BOBJ1	32	98.545	Before	Interior Girder 3	42.125	0.95	1	1	3.707165
HS20_serv_opr	BOBJ1	32	98.545	Before	Interior Girder 4	42.125	0.95	1	1	3.707165
HS20_serv_opr	BOBJ1	32	98.545	Before	Interior Girder 5	42.125	0.95	1	1	3.777818
HS20_serv_opr	BOBJ1	32	98.545	Before	Interior Girder 6	42.125	0.95	1	1	3.885213
HS20_serv_opr	BOBJ1	32	98.545	Before	Right Exterior Girder	42.125	0.95	1	1	4.607719
HS20_serv_opr	BOBJ1	33	98.545	After	Left Exterior Girder	42.125	0.95	1	1	4.547698
HS20_serv_opr	BOBJ1	33	98.545	After	Interior Girder 1	42.125	0.95	1	1	3.908925
HS20_serv_opr	BOBJ1	33	98.545	After	Interior Girder 2	42.125	0.95	1	1	3.776759
HS20_serv_opr	BOBJ1	33	98.545	After	Interior Girder 3	42.125	0.95	1	1	3.66946
HS20_serv_opr	BOBJ1	33	98.545	After	Interior Girder 4	42.125	0.95	1	1	3.66946
HS20_serv_opr	BOBJ1	33	98.545	After	Interior Girder 5	42.125	0.95	1	1	3.776759
HS20_serv_opr	BOBJ1	33	98.545	After	Interior Girder 6	42.125	0.95	1	1	3.908925
HS20_serv_opr	BOBJ1	33	98.545	After	Right Exterior Girder	42.125	0.95	1	1	4.547698
HS20_serv_opr	BOBJ1	34	106.97	Before	Left Exterior Girder	50.55	0.95	1	1	7.263883
HS20_serv_opr	BOBJ1	34	106.97	Before	Interior Girder 1	50.55	0.95	1	1	6.28485
HS20_serv_opr	BOBJ1	34	106.97	Before	Interior Girder 2	50.55	0.95	1	1	5.872604
HS20_serv_opr	BOBJ1	34	106.97	Before	Interior Girder 3	50.55	0.95	1	1	5.80822
HS20_serv_opr	BOBJ1	34	106.97	Before	Interior Girder 4	50.55	0.95	1	1	5.80822
HS20_serv_opr	BOBJ1	34	106.97	Before	Interior Girder 5	50.55	0.95	1	1	5.872604
HS20_serv_opr	BOBJ1	34	106.97	Before	Interior Girder 6	50.55	0.95	1	1	6.28485
HS20_serv_opr	BOBJ1	34	106.97	Before	Right Exterior Girder	50.55	0.95	1	1	7.263883
HS20_serv_opr	BOBJ1	35	106.97	After	Left Exterior Girder	50.55	0.95	1	1	7.081668
HS20_serv_opr	BOBJ1	35	106.97	After	Interior Girder 1	50.55	0.95	1	1	6.387608
HS20_serv_opr	BOBJ1	35	106.97	After	Interior Girder 2	50.55	0.95	1	1	5.870976
HS20_serv_opr	BOBJ1	35	106.97	After	Interior Girder 3	50.55	0.95	1	1	5.714922
HS20_serv_opr	BOBJ1	35	106.97	After	Interior Girder 4	50.55	0.95	1	1	5.714922
HS20_serv_opr	BOBJ1	35	106.97	After	Interior Girder 5	50.55	0.95	1	1	5.870976
HS20_serv_opr	BOBJ1	35	106.97	After	Interior Girder 6	50.55	0.95	1	1	6.387608
HS20_serv_opr	BOBJ1	35	106.97	After	Right Exterior Girder	50.55	0.95	1	1	7.081668
HS20_serv_opr	BOBJ1	36	115.405	Before	Left Exterior Girder	58.985	0.95	1	1	4.640088
HS20_serv_opr	BOBJ1	36	115.405	Before	Interior Girder 1	58.985	0.95	1	1	5.089586
HS20_serv_opr	BOBJ1	36	115.405	Before	Interior Girder 2	58.985	0.95	1	1	5.041445
HS20_serv_opr	BOBJ1	36	115.405	Before	Interior Girder 3	58.985	0.95	1	1	4.916041
HS20_serv_opr	BOBJ1	36	115.405	Before	Interior Girder 4	58.985	0.95	1	1	4.916041
HS20_serv_opr	BOBJ1	36	115.405	Before	Interior Girder 5	58.985	0.95	1	1	5.041445
HS20_serv_opr	BOBJ1	36	115.405	Before	Interior Girder 6	58.985	0.95	1	1	5.089586
HS20_serv_opr	BOBJ1	36	115.405	Before	Right Exterior Girder	58.985	0.95	1	1	4.640088
HS20_serv_opr	BOBJ1	37	115.405	After	Left Exterior Girder	58.985	0.95	1	1	4.744445
HS20_serv_opr	BOBJ1	37	115.405	After	Interior Girder 1	58.985	0.95	1	1	5.002178
HS20_serv_opr	BOBJ1	37	115.405	After	Interior Girder 2	58.985	0.95	1	1	4.995766
HS20_serv_opr	BOBJ1	37	115.405	After	Interior Girder 3	58.985	0.95	1	1	4.902674
HS20_serv_opr	BOBJ1	37	115.405	After	Interior Girder 4	58.985	0.95	1	1	4.902674
HS20_serv_opr	BOBJ1	37	115.405	After	Interior Girder 5	58.985	0.95	1	1	4.995766
HS20_serv_opr	BOBJ1	37	115.405	After	Interior Girder 6	58.985	0.95	1	1	5.002178
HS20_serv_opr	BOBJ1	37	115.405	After	Right Exterior Girder	58.985	0.95	1	1	4.744445
HS20_serv_opr	BOBJ1	38	116.34	Before	Left Exterior Girder	59.92	0.95	1	1	4.40279
HS20_serv_opr	BOBJ1	38	116.34	Before	Right Exterior Girder	59.92	0.95	1	1	4.40279
HS20_serv_opr	BOBJ1	39	116.34	After	Left Exterior Girder	59.92	0.95	1	1	8.743255
HS20_serv_opr	BOBJ1	39	116.34	After	Right Exterior Girder	59.92	0.95	1	1	8.743255
HS20_serv_opr	BOBJ1	40	118.84	Before	Interior Girder 1	62.42	0.95	1	1	4.230975
HS20_serv_opr	BOBJ1	40	118.84	Before	Interior Girder 2	62.42	0.95	1	1	4.191295
HS20_serv_opr	BOBJ1	40	118.84	Before	Interior Girder 3	62.42	0.95	1	1	3.957127
HS20_serv_opr	BOBJ1	40	118.84	Before	Interior Girder 4	62.42	0.95	1	1	3.957127
HS20_serv_opr	BOBJ1	40	118.84	Before	Interior Girder 5	62.42	0.95	1	1	4.191295
HS20_serv_opr	BOBJ1	40	118.84	Before	Interior Girder 6	62.42	0.95	1	1	4.230975
HS20_serv_opr	BOBJ1	41	118.84	After	Interior Girder 1	62.42	0.95	1	1	5.910123
HS20_serv_opr	BOBJ1	41	118.84	After	Interior Girder 2	62.42	0.95	1	1	5.728384
HS20_serv_opr	BOBJ1	41	118.84	After	Interior Girder 3	62.42	0.95	1	1	5.463443
HS20_serv_opr	BOBJ1	41	118.84	After	Interior Girder 4	62.42	0.95	1	1	5.463443
HS20_serv_opr	BOBJ1	41	118.84	After	Interior Girder 5	62.42	0.95	1	1	5.728384
HS20_serv_opr	BOBJ1	41	118.84	After	Interior Girder 6	62.42	0.95	1	1	5.910123

TABLE: Bridge Super Rating AASHTORATE18 31 - SteelICompServ-Flx - Approach, Span 7-11										
Request	BridgeObj	BridgeCut	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	Unitless	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
HS20_serv_opr	BOBJ1	42	123.84	Before	Left Exterior Girder	67.42	0.95	1	1	5.818952
HS20_serv_opr	BOBJ1	42	123.84	Before	Interior Girder 1	67.42	0.95	1	1	4.304753
HS20_serv_opr	BOBJ1	42	123.84	Before	Interior Girder 2	67.42	0.95	1	1	4.063173
HS20_serv_opr	BOBJ1	42	123.84	Before	Interior Girder 3	67.42	0.95	1	1	3.385628
HS20_serv_opr	BOBJ1	42	123.84	Before	Interior Girder 4	67.42	0.95	1	1	3.385628
HS20_serv_opr	BOBJ1	42	123.84	Before	Interior Girder 5	67.42	0.95	1	1	4.063173
HS20_serv_opr	BOBJ1	42	123.84	Before	Interior Girder 6	67.42	0.95	1	1	4.304753
HS20_serv_opr	BOBJ1	42	123.84	Before	Right Exterior Girder	67.42	0.95	1	1	5.818952
HS20_serv_opr	BOBJ1	43	123.84	After	Left Exterior Girder	0	0.95	1	1	5.765895
HS20_serv_opr	BOBJ1	43	123.84	After	Interior Girder 1	0	0.95	1	1	4.236111
HS20_serv_opr	BOBJ1	43	123.84	After	Interior Girder 2	0	0.95	1	1	4.047017
HS20_serv_opr	BOBJ1	43	123.84	After	Interior Girder 3	0	0.95	1	1	3.375125
HS20_serv_opr	BOBJ1	43	123.84	After	Interior Girder 4	0	0.95	1	1	3.375125
HS20_serv_opr	BOBJ1	43	123.84	After	Interior Girder 5	0	0.95	1	1	4.047017
HS20_serv_opr	BOBJ1	43	123.84	After	Interior Girder 6	0	0.95	1	1	4.236111
HS20_serv_opr	BOBJ1	43	123.84	After	Right Exterior Girder	0	0.95	1	1	5.765895
HS20_serv_opr	BOBJ1	44	128.84	Before	Interior Girder 1	5	0.95	1	1	6.043208
HS20_serv_opr	BOBJ1	44	128.84	Before	Interior Girder 2	5	0.95	1	1	5.833971
HS20_serv_opr	BOBJ1	44	128.84	Before	Interior Girder 3	5	0.95	1	1	5.533771
HS20_serv_opr	BOBJ1	44	128.84	Before	Interior Girder 4	5	0.95	1	1	5.533771
HS20_serv_opr	BOBJ1	44	128.84	Before	Interior Girder 5	5	0.95	1	1	5.833971
HS20_serv_opr	BOBJ1	44	128.84	Before	Interior Girder 6	5	0.95	1	1	6.043208
HS20_serv_opr	BOBJ1	45	128.84	After	Interior Girder 1	5	0.95	1	1	4.332761
HS20_serv_opr	BOBJ1	45	128.84	After	Interior Girder 2	5	0.95	1	1	4.271053
HS20_serv_opr	BOBJ1	45	128.84	After	Interior Girder 3	5	0.95	1	1	4.023093
HS20_serv_opr	BOBJ1	45	128.84	After	Interior Girder 4	5	0.95	1	1	4.023093
HS20_serv_opr	BOBJ1	45	128.84	After	Interior Girder 5	5	0.95	1	1	4.271053
HS20_serv_opr	BOBJ1	45	128.84	After	Interior Girder 6	5	0.95	1	1	4.332761
HS20_serv_opr	BOBJ1	46	131.34	Before	Left Exterior Girder	7.5	0.95	1	1	8.996083
HS20_serv_opr	BOBJ1	46	131.34	Before	Right Exterior Girder	7.5	0.95	1	1	8.996083
HS20_serv_opr	BOBJ1	47	131.34	After	Left Exterior Girder	7.5	0.95	1	1	4.533456
HS20_serv_opr	BOBJ1	47	131.34	After	Right Exterior Girder	7.5	0.95	1	1	4.533456
HS20_serv_opr	BOBJ1	48	132.265	Before	Left Exterior Girder	8.425	0.95	1	1	4.862593
HS20_serv_opr	BOBJ1	48	132.265	Before	Interior Girder 1	8.425	0.95	1	1	5.118507
HS20_serv_opr	BOBJ1	48	132.265	Before	Interior Girder 2	8.425	0.95	1	1	5.088835
HS20_serv_opr	BOBJ1	48	132.265	Before	Interior Girder 3	8.425	0.95	1	1	4.985861
HS20_serv_opr	BOBJ1	48	132.265	Before	Interior Girder 4	8.425	0.95	1	1	4.985861
HS20_serv_opr	BOBJ1	48	132.265	Before	Interior Girder 5	8.425	0.95	1	1	5.088835
HS20_serv_opr	BOBJ1	48	132.265	Before	Interior Girder 6	8.425	0.95	1	1	5.118507
HS20_serv_opr	BOBJ1	48	132.265	Before	Right Exterior Girder	8.425	0.95	1	1	4.862593
HS20_serv_opr	BOBJ1	49	132.265	After	Left Exterior Girder	8.425	0.95	1	1	4.755852
HS20_serv_opr	BOBJ1	49	132.265	After	Interior Girder 1	8.425	0.95	1	1	5.207111
HS20_serv_opr	BOBJ1	49	132.265	After	Interior Girder 2	8.425	0.95	1	1	5.135842
HS20_serv_opr	BOBJ1	49	132.265	After	Interior Girder 3	8.425	0.95	1	1	5.001694
HS20_serv_opr	BOBJ1	49	132.265	After	Interior Girder 4	8.425	0.95	1	1	5.001694
HS20_serv_opr	BOBJ1	49	132.265	After	Interior Girder 5	8.425	0.95	1	1	5.135842
HS20_serv_opr	BOBJ1	49	132.265	After	Interior Girder 6	8.425	0.95	1	1	5.207111
HS20_serv_opr	BOBJ1	49	132.265	After	Right Exterior Girder	8.425	0.95	1	1	4.755852
HS20_serv_opr	BOBJ1	50	140.69	Before	Left Exterior Girder	16.85	0.95	1	1	7.150894
HS20_serv_opr	BOBJ1	50	140.69	Before	Interior Girder 1	16.85	0.95	1	1	6.408682
HS20_serv_opr	BOBJ1	50	140.69	Before	Interior Girder 2	16.85	0.95	1	1	5.891921
HS20_serv_opr	BOBJ1	50	140.69	Before	Interior Girder 3	16.85	0.95	1	1	5.74035
HS20_serv_opr	BOBJ1	50	140.69	Before	Interior Girder 4	16.85	0.95	1	1	5.74035
HS20_serv_opr	BOBJ1	50	140.69	Before	Interior Girder 5	16.85	0.95	1	1	5.891921
HS20_serv_opr	BOBJ1	50	140.69	Before	Interior Girder 6	16.85	0.95	1	1	6.408682
HS20_serv_opr	BOBJ1	50	140.69	Before	Right Exterior Girder	16.85	0.95	1	1	7.150894
HS20_serv_opr	BOBJ1	51	140.69	After	Left Exterior Girder	16.85	0.95	1	1	7.339658
HS20_serv_opr	BOBJ1	51	140.69	After	Interior Girder 1	16.85	0.95	1	1	6.306704
HS20_serv_opr	BOBJ1	51	140.69	After	Interior Girder 2	16.85	0.95	1	1	5.892516
HS20_serv_opr	BOBJ1	51	140.69	After	Interior Girder 3	16.85	0.95	1	1	5.833098
HS20_serv_opr	BOBJ1	51	140.69	After	Interior Girder 4	16.85	0.95	1	1	5.833098
HS20_serv_opr	BOBJ1	51	140.69	After	Interior Girder 5	16.85	0.95	1	1	5.892516
HS20_serv_opr	BOBJ1	51	140.69	After	Interior Girder 6	16.85	0.95	1	1	6.306704
HS20_serv_opr	BOBJ1	51	140.69	After	Right Exterior Girder	16.85	0.95	1	1	7.339658
HS20_serv_opr	BOBJ1	52	149.115	Before	Left Exterior Girder	25.275	0.95	1	1	4.528907
HS20_serv_opr	BOBJ1	52	149.115	Before	Interior Girder 1	25.275	0.95	1	1	3.888753
HS20_serv_opr	BOBJ1	52	149.115	Before	Interior Girder 2	25.275	0.95	1	1	3.76511
HS20_serv_opr	BOBJ1	52	149.115	Before	Interior Girder 3	25.275	0.95	1	1	3.667226
HS20_serv_opr	BOBJ1	52	149.115	Before	Interior Girder 4	25.275	0.95	1	1	3.667226
HS20_serv_opr	BOBJ1	52	149.115	Before	Interior Girder 5	25.275	0.95	1	1	3.76511
HS20_serv_opr	BOBJ1	52	149.115	Before	Interior Girder 6	25.275	0.95	1	1	3.888753
HS20_serv_opr	BOBJ1	52	149.115	Before	Right Exterior Girder	25.275	0.95	1	1	4.528907
HS20_serv_opr	BOBJ1	53	149.115	After	Left Exterior Girder	25.275	0.95	1	1	4.59232

TABLE: Bridge Super Rating AASHTORATE18 31 - SteelICompServ-Flx - Approach, Span 7-11										
Request	BridgeObj	BridgeCut	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	Unitless	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
HS20_serv_opr	BOBJ1	53	149.115	After	Interior Girder 1	25.275	0.95	1	1	3.865618
HS20_serv_opr	BOBJ1	53	149.115	After	Interior Girder 2	25.275	0.95	1	1	3.764929
HS20_serv_opr	BOBJ1	53	149.115	After	Interior Girder 3	25.275	0.95	1	1	3.704495
HS20_serv_opr	BOBJ1	53	149.115	After	Interior Girder 4	25.275	0.95	1	1	3.704495
HS20_serv_opr	BOBJ1	53	149.115	After	Interior Girder 5	25.275	0.95	1	1	3.764929
HS20_serv_opr	BOBJ1	53	149.115	After	Interior Girder 6	25.275	0.95	1	1	3.865618
HS20_serv_opr	BOBJ1	53	149.115	After	Right Exterior Girder	25.275	0.95	1	1	4.59232
HS20_serv_opr	BOBJ1	54	157.54	Before	Left Exterior Girder	33.7	0.95	1	1	3.741686
HS20_serv_opr	BOBJ1	54	157.54	Before	Interior Girder 1	33.7	0.95	1	1	3.677246
HS20_serv_opr	BOBJ1	54	157.54	Before	Interior Girder 2	33.7	0.95	1	1	3.5986
HS20_serv_opr	BOBJ1	54	157.54	Before	Interior Girder 3	33.7	0.95	1	1	3.616019
HS20_serv_opr	BOBJ1	54	157.54	Before	Interior Girder 4	33.7	0.95	1	1	3.616019
HS20_serv_opr	BOBJ1	54	157.54	Before	Interior Girder 5	33.7	0.95	1	1	3.5986
HS20_serv_opr	BOBJ1	54	157.54	Before	Interior Girder 6	33.7	0.95	1	1	3.677246
HS20_serv_opr	BOBJ1	54	157.54	Before	Right Exterior Girder	33.7	0.95	1	1	3.741686
HS20_serv_opr	BOBJ1	55	157.54	After	Left Exterior Girder	33.7	0.95	1	1	3.74213
HS20_serv_opr	BOBJ1	55	157.54	After	Interior Girder 1	33.7	0.95	1	1	3.677203
HS20_serv_opr	BOBJ1	55	157.54	After	Interior Girder 2	33.7	0.95	1	1	3.598471
HS20_serv_opr	BOBJ1	55	157.54	After	Interior Girder 3	33.7	0.95	1	1	3.616168
HS20_serv_opr	BOBJ1	55	157.54	After	Interior Girder 4	33.7	0.95	1	1	3.616168
HS20_serv_opr	BOBJ1	55	157.54	After	Interior Girder 5	33.7	0.95	1	1	3.598471
HS20_serv_opr	BOBJ1	55	157.54	After	Interior Girder 6	33.7	0.95	1	1	3.677203
HS20_serv_opr	BOBJ1	55	157.54	After	Right Exterior Girder	33.7	0.95	1	1	3.74213
HS20_serv_opr	BOBJ1	56	165.965	Before	Left Exterior Girder	42.125	0.95	1	1	4.588532
HS20_serv_opr	BOBJ1	56	165.965	Before	Interior Girder 1	42.125	0.95	1	1	3.864002
HS20_serv_opr	BOBJ1	56	165.965	Before	Interior Girder 2	42.125	0.95	1	1	3.763412
HS20_serv_opr	BOBJ1	56	165.965	Before	Interior Girder 3	42.125	0.95	1	1	3.702753
HS20_serv_opr	BOBJ1	56	165.965	Before	Interior Girder 4	42.125	0.95	1	1	3.702753
HS20_serv_opr	BOBJ1	56	165.965	Before	Interior Girder 5	42.125	0.95	1	1	3.763412
HS20_serv_opr	BOBJ1	56	165.965	Before	Interior Girder 6	42.125	0.95	1	1	3.864002
HS20_serv_opr	BOBJ1	56	165.965	Before	Right Exterior Girder	42.125	0.95	1	1	4.588532
HS20_serv_opr	BOBJ1	57	165.965	After	Left Exterior Girder	42.125	0.95	1	1	4.525641
HS20_serv_opr	BOBJ1	57	165.965	After	Interior Girder 1	42.125	0.95	1	1	3.886985
HS20_serv_opr	BOBJ1	57	165.965	After	Interior Girder 2	42.125	0.95	1	1	3.763556
HS20_serv_opr	BOBJ1	57	165.965	After	Interior Girder 3	42.125	0.95	1	1	3.665649
HS20_serv_opr	BOBJ1	57	165.965	After	Interior Girder 4	42.125	0.95	1	1	3.665649
HS20_serv_opr	BOBJ1	57	165.965	After	Interior Girder 5	42.125	0.95	1	1	3.763556
HS20_serv_opr	BOBJ1	57	165.965	After	Interior Girder 6	42.125	0.95	1	1	3.886985
HS20_serv_opr	BOBJ1	57	165.965	After	Right Exterior Girder	42.125	0.95	1	1	4.525641
HS20_serv_opr	BOBJ1	58	174.39	Before	Left Exterior Girder	50.55	0.95	1	1	7.324266
HS20_serv_opr	BOBJ1	58	174.39	Before	Interior Girder 1	50.55	0.95	1	1	6.299339
HS20_serv_opr	BOBJ1	58	174.39	Before	Interior Girder 2	50.55	0.95	1	1	5.886464
HS20_serv_opr	BOBJ1	58	174.39	Before	Interior Girder 3	50.55	0.95	1	1	5.826016
HS20_serv_opr	BOBJ1	58	174.39	Before	Interior Girder 4	50.55	0.95	1	1	5.826016
HS20_serv_opr	BOBJ1	58	174.39	Before	Interior Girder 5	50.55	0.95	1	1	5.886464
HS20_serv_opr	BOBJ1	58	174.39	Before	Interior Girder 6	50.55	0.95	1	1	6.299339
HS20_serv_opr	BOBJ1	58	174.39	Before	Right Exterior Girder	50.55	0.95	1	1	7.324266
HS20_serv_opr	BOBJ1	59	174.39	After	Left Exterior Girder	50.55	0.95	1	1	7.136439
HS20_serv_opr	BOBJ1	59	174.39	After	Interior Girder 1	50.55	0.95	1	1	6.401331
HS20_serv_opr	BOBJ1	59	174.39	After	Interior Girder 2	50.55	0.95	1	1	5.885982
HS20_serv_opr	BOBJ1	59	174.39	After	Interior Girder 3	50.55	0.95	1	1	5.733561
HS20_serv_opr	BOBJ1	59	174.39	After	Interior Girder 4	50.55	0.95	1	1	5.733561
HS20_serv_opr	BOBJ1	59	174.39	After	Interior Girder 5	50.55	0.95	1	1	5.885982
HS20_serv_opr	BOBJ1	59	174.39	After	Interior Girder 6	50.55	0.95	1	1	6.401331
HS20_serv_opr	BOBJ1	59	174.39	After	Right Exterior Girder	50.55	0.95	1	1	7.136439
HS20_serv_opr	BOBJ1	60	182.825	Before	Left Exterior Girder	58.985	0.95	1	1	4.760788
HS20_serv_opr	BOBJ1	60	182.825	Before	Interior Girder 1	58.985	0.95	1	1	5.205052
HS20_serv_opr	BOBJ1	60	182.825	Before	Interior Girder 2	58.985	0.95	1	1	5.13311
HS20_serv_opr	BOBJ1	60	182.825	Before	Interior Girder 3	58.985	0.95	1	1	5.004519
HS20_serv_opr	BOBJ1	60	182.825	Before	Interior Girder 4	58.985	0.95	1	1	5.004519
HS20_serv_opr	BOBJ1	60	182.825	Before	Interior Girder 5	58.985	0.95	1	1	5.13311
HS20_serv_opr	BOBJ1	60	182.825	Before	Interior Girder 6	58.985	0.95	1	1	5.205052
HS20_serv_opr	BOBJ1	60	182.825	Before	Right Exterior Girder	58.985	0.95	1	1	4.760788
HS20_serv_opr	BOBJ1	61	182.825	After	Left Exterior Girder	58.985	0.95	1	1	4.867894
HS20_serv_opr	BOBJ1	61	182.825	After	Interior Girder 1	58.985	0.95	1	1	5.116485
HS20_serv_opr	BOBJ1	61	182.825	After	Interior Girder 2	58.985	0.95	1	1	5.08597
HS20_serv_opr	BOBJ1	61	182.825	After	Interior Girder 3	58.985	0.95	1	1	4.989146
HS20_serv_opr	BOBJ1	61	182.825	After	Interior Girder 4	58.985	0.95	1	1	4.989146
HS20_serv_opr	BOBJ1	61	182.825	After	Interior Girder 5	58.985	0.95	1	1	5.08597
HS20_serv_opr	BOBJ1	61	182.825	After	Interior Girder 6	58.985	0.95	1	1	5.116485
HS20_serv_opr	BOBJ1	61	182.825	After	Right Exterior Girder	58.985	0.95	1	1	4.867894
HS20_serv_opr	BOBJ1	62	183.76	Before	Left Exterior Girder	59.92	0.95	1	1	4.518374
HS20_serv_opr	BOBJ1	62	183.76	Before	Right Exterior Girder	59.92	0.95	1	1	4.518374

TABLE: Bridge Super Rating AASHTORATE18 31 - SteelICompServ-Flx - Approach, Span 7-11										
Request	BridgeObj	BridgeCut	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	Unitless	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
HS20_serv_opr	BOBJ1	63	183.76	After	Left Exterior Girder	59.92	0.95	1	1	8.972978
HS20_serv_opr	BOBJ1	63	183.76	After	Right Exterior Girder	59.92	0.95	1	1	8.972978
HS20_serv_opr	BOBJ1	64	186.26	Before	Interior Girder 1	62.42	0.95	1	1	4.32743
HS20_serv_opr	BOBJ1	64	186.26	Before	Interior Girder 2	62.42	0.95	1	1	4.26559
HS20_serv_opr	BOBJ1	64	186.26	Before	Interior Girder 3	62.42	0.95	1	1	4.024046
HS20_serv_opr	BOBJ1	64	186.26	Before	Interior Girder 4	62.42	0.95	1	1	4.024046
HS20_serv_opr	BOBJ1	64	186.26	Before	Interior Girder 5	62.42	0.95	1	1	4.26559
HS20_serv_opr	BOBJ1	64	186.26	Before	Interior Girder 6	62.42	0.95	1	1	4.32743
HS20_serv_opr	BOBJ1	65	186.26	After	Interior Girder 1	62.42	0.95	1	1	6.036989
HS20_serv_opr	BOBJ1	65	186.26	After	Interior Girder 2	62.42	0.95	1	1	5.82755
HS20_serv_opr	BOBJ1	65	186.26	After	Interior Girder 3	62.42	0.95	1	1	5.53587
HS20_serv_opr	BOBJ1	65	186.26	After	Interior Girder 4	62.42	0.95	1	1	5.53587
HS20_serv_opr	BOBJ1	65	186.26	After	Interior Girder 5	62.42	0.95	1	1	5.82755
HS20_serv_opr	BOBJ1	65	186.26	After	Interior Girder 6	62.42	0.95	1	1	6.036989
HS20_serv_opr	BOBJ1	66	191.26	Before	Left Exterior Girder	67.42	0.95	1	1	5.768611
HS20_serv_opr	BOBJ1	66	191.26	Before	Interior Girder 1	67.42	0.95	1	1	4.229308
HS20_serv_opr	BOBJ1	66	191.26	Before	Interior Girder 2	67.42	0.95	1	1	4.038142
HS20_serv_opr	BOBJ1	66	191.26	Before	Interior Girder 3	67.42	0.95	1	1	3.374856
HS20_serv_opr	BOBJ1	66	191.26	Before	Interior Girder 4	67.42	0.95	1	1	3.374856
HS20_serv_opr	BOBJ1	66	191.26	Before	Interior Girder 5	67.42	0.95	1	1	4.038142
HS20_serv_opr	BOBJ1	66	191.26	Before	Interior Girder 6	67.42	0.95	1	1	4.229308
HS20_serv_opr	BOBJ1	66	191.26	Before	Right Exterior Girder	67.42	0.95	1	1	5.768611
HS20_serv_opr	BOBJ1	67	191.26	After	Left Exterior Girder	0	0.95	1	1	5.810721
HS20_serv_opr	BOBJ1	67	191.26	After	Interior Girder 1	0	0.95	1	1	4.308005
HS20_serv_opr	BOBJ1	67	191.26	After	Interior Girder 2	0	0.95	1	1	4.069111
HS20_serv_opr	BOBJ1	67	191.26	After	Interior Girder 3	0	0.95	1	1	3.384018
HS20_serv_opr	BOBJ1	67	191.26	After	Interior Girder 4	0	0.95	1	1	3.384018
HS20_serv_opr	BOBJ1	67	191.26	After	Interior Girder 5	0	0.95	1	1	4.069111
HS20_serv_opr	BOBJ1	67	191.26	After	Interior Girder 6	0	0.95	1	1	4.308005
HS20_serv_opr	BOBJ1	67	191.26	After	Right Exterior Girder	0	0.95	1	1	5.810721
HS20_serv_opr	BOBJ1	68	196.26	Before	Interior Girder 1	5	0.95	1	1	5.912725
HS20_serv_opr	BOBJ1	68	196.26	Before	Interior Girder 2	5	0.95	1	1	5.732267
HS20_serv_opr	BOBJ1	68	196.26	Before	Interior Girder 3	5	0.95	1	1	5.459373
HS20_serv_opr	BOBJ1	68	196.26	Before	Interior Girder 4	5	0.95	1	1	5.459373
HS20_serv_opr	BOBJ1	68	196.26	Before	Interior Girder 5	5	0.95	1	1	5.732267
HS20_serv_opr	BOBJ1	68	196.26	Before	Interior Girder 6	5	0.95	1	1	5.912725
HS20_serv_opr	BOBJ1	69	196.26	After	Interior Girder 1	5	0.95	1	1	4.232627
HS20_serv_opr	BOBJ1	69	196.26	After	Interior Girder 2	5	0.95	1	1	4.194216
HS20_serv_opr	BOBJ1	69	196.26	After	Interior Girder 3	5	0.95	1	1	3.954324
HS20_serv_opr	BOBJ1	69	196.26	After	Interior Girder 4	5	0.95	1	1	3.954324
HS20_serv_opr	BOBJ1	69	196.26	After	Interior Girder 5	5	0.95	1	1	4.194216
HS20_serv_opr	BOBJ1	69	196.26	After	Interior Girder 6	5	0.95	1	1	4.232627
HS20_serv_opr	BOBJ1	70	198.76	Before	Left Exterior Girder	7.5	0.95	1	1	8.761801
HS20_serv_opr	BOBJ1	70	198.76	Before	Right Exterior Girder	7.5	0.95	1	1	8.761801
HS20_serv_opr	BOBJ1	71	198.76	After	Left Exterior Girder	7.5	0.95	1	1	4.413389
HS20_serv_opr	BOBJ1	71	198.76	After	Right Exterior Girder	7.5	0.95	1	1	4.413389
HS20_serv_opr	BOBJ1	72	199.685	Before	Left Exterior Girder	8.425	0.95	1	1	4.73532
HS20_serv_opr	BOBJ1	72	199.685	Before	Interior Girder 1	8.425	0.95	1	1	5.00107
HS20_serv_opr	BOBJ1	72	199.685	Before	Interior Girder 2	8.425	0.95	1	1	4.996419
HS20_serv_opr	BOBJ1	72	199.685	Before	Interior Girder 3	8.425	0.95	1	1	4.897679
HS20_serv_opr	BOBJ1	72	199.685	Before	Interior Girder 4	8.425	0.95	1	1	4.897679
HS20_serv_opr	BOBJ1	72	199.685	Before	Interior Girder 5	8.425	0.95	1	1	4.996419
HS20_serv_opr	BOBJ1	72	199.685	Before	Interior Girder 6	8.425	0.95	1	1	5.00107
HS20_serv_opr	BOBJ1	72	199.685	Before	Right Exterior Girder	8.425	0.95	1	1	4.73532
HS20_serv_opr	BOBJ1	73	199.685	After	Left Exterior Girder	8.425	0.95	1	1	4.631083
HS20_serv_opr	BOBJ1	73	199.685	After	Interior Girder 1	8.425	0.95	1	1	5.088565
HS20_serv_opr	BOBJ1	73	199.685	After	Interior Girder 2	8.425	0.95	1	1	5.042014
HS20_serv_opr	BOBJ1	73	199.685	After	Interior Girder 3	8.425	0.95	1	1	4.911569
HS20_serv_opr	BOBJ1	73	199.685	After	Interior Girder 4	8.425	0.95	1	1	4.911569
HS20_serv_opr	BOBJ1	73	199.685	After	Interior Girder 5	8.425	0.95	1	1	5.042014
HS20_serv_opr	BOBJ1	73	199.685	After	Interior Girder 6	8.425	0.95	1	1	5.088565
HS20_serv_opr	BOBJ1	73	199.685	After	Right Exterior Girder	8.425	0.95	1	1	4.631083
HS20_serv_opr	BOBJ1	74	208.11	Before	Left Exterior Girder	16.85	0.95	1	1	7.097191
HS20_serv_opr	BOBJ1	74	208.11	Before	Interior Girder 1	16.85	0.95	1	1	6.395925
HS20_serv_opr	BOBJ1	74	208.11	Before	Interior Girder 2	16.85	0.95	1	1	5.877483
HS20_serv_opr	BOBJ1	74	208.11	Before	Interior Girder 3	16.85	0.95	1	1	5.722131
HS20_serv_opr	BOBJ1	74	208.11	Before	Interior Girder 4	16.85	0.95	1	1	5.722131
HS20_serv_opr	BOBJ1	74	208.11	Before	Interior Girder 5	16.85	0.95	1	1	5.877483
HS20_serv_opr	BOBJ1	74	208.11	Before	Interior Girder 6	16.85	0.95	1	1	6.395925
HS20_serv_opr	BOBJ1	74	208.11	Before	Right Exterior Girder	16.85	0.95	1	1	7.097191
HS20_serv_opr	BOBJ1	75	208.11	After	Left Exterior Girder	16.85	0.95	1	1	7.280635
HS20_serv_opr	BOBJ1	75	208.11	After	Interior Girder 1	16.85	0.95	1	1	6.292934
HS20_serv_opr	BOBJ1	75	208.11	After	Interior Girder 2	16.85	0.95	1	1	5.8791

TABLE: Bridge Super Rating AASHTORATE18 31 - SteelICompServ-Flx - Approach, Span 7-11										
Request	BridgeObj	BridgeCut	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	Unitless	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
HS20_serv_opr	BOBJ1	75	208.11	After	Interior Girder 3	16.85	0.95	1	1	5.815566
HS20_serv_opr	BOBJ1	75	208.11	After	Interior Girder 4	16.85	0.95	1	1	5.815566
HS20_serv_opr	BOBJ1	75	208.11	After	Interior Girder 5	16.85	0.95	1	1	5.8791
HS20_serv_opr	BOBJ1	75	208.11	After	Interior Girder 6	16.85	0.95	1	1	6.292934
HS20_serv_opr	BOBJ1	75	208.11	After	Right Exterior Girder	16.85	0.95	1	1	7.280635
HS20_serv_opr	BOBJ1	76	216.535	Before	Left Exterior Girder	25.275	0.95	1	1	4.550091
HS20_serv_opr	BOBJ1	76	216.535	Before	Interior Girder 1	25.275	0.95	1	1	3.909961
HS20_serv_opr	BOBJ1	76	216.535	Before	Interior Girder 2	25.275	0.95	1	1	3.777799
HS20_serv_opr	BOBJ1	76	216.535	Before	Interior Girder 3	25.275	0.95	1	1	3.670665
HS20_serv_opr	BOBJ1	76	216.535	Before	Interior Girder 4	25.275	0.95	1	1	3.670665
HS20_serv_opr	BOBJ1	76	216.535	Before	Interior Girder 5	25.275	0.95	1	1	3.777799
HS20_serv_opr	BOBJ1	76	216.535	Before	Interior Girder 6	25.275	0.95	1	1	3.909961
HS20_serv_opr	BOBJ1	76	216.535	Before	Right Exterior Girder	25.275	0.95	1	1	4.550091
HS20_serv_opr	BOBJ1	77	216.535	After	Left Exterior Girder	25.275	0.95	1	1	4.611009
HS20_serv_opr	BOBJ1	77	216.535	After	Interior Girder 1	25.275	0.95	1	1	3.886073
HS20_serv_opr	BOBJ1	77	216.535	After	Interior Girder 2	25.275	0.95	1	1	3.778695
HS20_serv_opr	BOBJ1	77	216.535	After	Interior Girder 3	25.275	0.95	1	1	3.708377
HS20_serv_opr	BOBJ1	77	216.535	After	Interior Girder 4	25.275	0.95	1	1	3.708377
HS20_serv_opr	BOBJ1	77	216.535	After	Interior Girder 5	25.275	0.95	1	1	3.778695
HS20_serv_opr	BOBJ1	77	216.535	After	Interior Girder 6	25.275	0.95	1	1	3.886073
HS20_serv_opr	BOBJ1	77	216.535	After	Right Exterior Girder	25.275	0.95	1	1	4.611009
HS20_serv_opr	BOBJ1	78	224.96	Before	Left Exterior Girder	33.7	0.95	1	1	3.79578
HS20_serv_opr	BOBJ1	78	224.96	Before	Interior Girder 1	33.7	0.95	1	1	3.726328
HS20_serv_opr	BOBJ1	78	224.96	Before	Interior Girder 2	33.7	0.95	1	1	3.625617
HS20_serv_opr	BOBJ1	78	224.96	Before	Interior Girder 3	33.7	0.95	1	1	3.630877
HS20_serv_opr	BOBJ1	78	224.96	Before	Interior Girder 4	33.7	0.95	1	1	3.630877
HS20_serv_opr	BOBJ1	78	224.96	Before	Interior Girder 5	33.7	0.95	1	1	3.625617
HS20_serv_opr	BOBJ1	78	224.96	Before	Interior Girder 6	33.7	0.95	1	1	3.726328
HS20_serv_opr	BOBJ1	78	224.96	Before	Right Exterior Girder	33.7	0.95	1	1	3.79578
HS20_serv_opr	BOBJ1	79	224.96	After	Left Exterior Girder	33.7	0.95	1	1	3.791632
HS20_serv_opr	BOBJ1	79	224.96	After	Interior Girder 1	33.7	0.95	1	1	3.727514
HS20_serv_opr	BOBJ1	79	224.96	After	Interior Girder 2	33.7	0.95	1	1	3.629637
HS20_serv_opr	BOBJ1	79	224.96	After	Interior Girder 3	33.7	0.95	1	1	3.632696
HS20_serv_opr	BOBJ1	79	224.96	After	Interior Girder 4	33.7	0.95	1	1	3.632696
HS20_serv_opr	BOBJ1	79	224.96	After	Interior Girder 5	33.7	0.95	1	1	3.629637
HS20_serv_opr	BOBJ1	79	224.96	After	Interior Girder 6	33.7	0.95	1	1	3.727514
HS20_serv_opr	BOBJ1	79	224.96	After	Right Exterior Girder	33.7	0.95	1	1	3.791632
HS20_serv_opr	BOBJ1	80	233.385	Before	Left Exterior Girder	42.125	0.95	1	1	4.726916
HS20_serv_opr	BOBJ1	80	233.385	Before	Interior Girder 1	42.125	0.95	1	1	3.936916
HS20_serv_opr	BOBJ1	80	233.385	Before	Interior Girder 2	42.125	0.95	1	1	3.812776
HS20_serv_opr	BOBJ1	80	233.385	Before	Interior Girder 3	42.125	0.95	1	1	3.738539
HS20_serv_opr	BOBJ1	80	233.385	Before	Interior Girder 4	42.125	0.95	1	1	3.738539
HS20_serv_opr	BOBJ1	80	233.385	Before	Interior Girder 5	42.125	0.95	1	1	3.812776
HS20_serv_opr	BOBJ1	80	233.385	Before	Interior Girder 6	42.125	0.95	1	1	3.936916
HS20_serv_opr	BOBJ1	80	233.385	Before	Right Exterior Girder	42.125	0.95	1	1	4.726916
HS20_serv_opr	BOBJ1	81	233.385	After	Left Exterior Girder	42.125	0.95	1	1	4.654439
HS20_serv_opr	BOBJ1	81	233.385	After	Interior Girder 1	42.125	0.95	1	1	3.964883
HS20_serv_opr	BOBJ1	81	233.385	After	Interior Girder 2	42.125	0.95	1	1	3.814485
HS20_serv_opr	BOBJ1	81	233.385	After	Interior Girder 3	42.125	0.95	1	1	3.701334
HS20_serv_opr	BOBJ1	81	233.385	After	Interior Girder 4	42.125	0.95	1	1	3.701334
HS20_serv_opr	BOBJ1	81	233.385	After	Interior Girder 5	42.125	0.95	1	1	3.814485
HS20_serv_opr	BOBJ1	81	233.385	After	Interior Girder 6	42.125	0.95	1	1	3.964883
HS20_serv_opr	BOBJ1	81	233.385	After	Right Exterior Girder	42.125	0.95	1	1	4.654439
HS20_serv_opr	BOBJ1	82	241.81	Before	Left Exterior Girder	50.55	0.95	1	1	7.696752
HS20_serv_opr	BOBJ1	82	241.81	Before	Interior Girder 1	50.55	0.95	1	1	6.463911
HS20_serv_opr	BOBJ1	82	241.81	Before	Interior Girder 2	50.55	0.95	1	1	5.985789
HS20_serv_opr	BOBJ1	82	241.81	Before	Interior Girder 3	50.55	0.95	1	1	5.880208
HS20_serv_opr	BOBJ1	82	241.81	Before	Interior Girder 4	50.55	0.95	1	1	5.880208
HS20_serv_opr	BOBJ1	82	241.81	Before	Interior Girder 5	50.55	0.95	1	1	5.985789
HS20_serv_opr	BOBJ1	82	241.81	Before	Interior Girder 6	50.55	0.95	1	1	6.463911
HS20_serv_opr	BOBJ1	82	241.81	Before	Right Exterior Girder	50.55	0.95	1	1	7.696752
HS20_serv_opr	BOBJ1	83	241.81	After	Left Exterior Girder	50.55	0.95	1	1	7.522664
HS20_serv_opr	BOBJ1	83	241.81	After	Interior Girder 1	50.55	0.95	1	1	6.566301
HS20_serv_opr	BOBJ1	83	241.81	After	Interior Girder 2	50.55	0.95	1	1	6.016955
HS20_serv_opr	BOBJ1	83	241.81	After	Interior Girder 3	50.55	0.95	1	1	5.839102
HS20_serv_opr	BOBJ1	83	241.81	After	Interior Girder 4	50.55	0.95	1	1	5.839102
HS20_serv_opr	BOBJ1	83	241.81	After	Interior Girder 5	50.55	0.95	1	1	6.016955
HS20_serv_opr	BOBJ1	83	241.81	After	Interior Girder 6	50.55	0.95	1	1	6.566301
HS20_serv_opr	BOBJ1	83	241.81	After	Right Exterior Girder	50.55	0.95	1	1	7.522664
HS20_serv_opr	BOBJ1	84	245.18	Before	Left Exterior Girder	53.92	0.95	1	1	7.079036
HS20_serv_opr	BOBJ1	84	245.18	Before	Interior Girder 1	53.92	0.95	1	1	7.213785
HS20_serv_opr	BOBJ1	84	245.18	Before	Interior Girder 2	53.92	0.95	1	1	7.076575
HS20_serv_opr	BOBJ1	84	245.18	Before	Interior Girder 3	53.92	0.95	1	1	7.225683

TABLE: Bridge Super Rating AASHTORATE18 31 - SteelICompServ-Flx - Approach, Span 7-11										
Request	BridgeObj	BridgeCut	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	Unitless	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
HS20_serv_opr	BOBJ1	84	245.18	Before	Interior Girder 4	53.92	0.95	1	1	7.225683
HS20_serv_opr	BOBJ1	84	245.18	Before	Interior Girder 5	53.92	0.95	1	1	7.076575
HS20_serv_opr	BOBJ1	84	245.18	Before	Interior Girder 6	53.92	0.95	1	1	7.213785
HS20_serv_opr	BOBJ1	84	245.18	Before	Right Exterior Girder	53.92	0.95	1	1	7.079036
HS20_serv_opr	BOBJ1	85	245.18	After	Left Exterior Girder	53.92	0.95	1	1	8.236741
HS20_serv_opr	BOBJ1	85	245.18	After	Interior Girder 1	53.92	0.95	1	1	7.717969
HS20_serv_opr	BOBJ1	85	245.18	After	Interior Girder 2	53.92	0.95	1	1	7.545807
HS20_serv_opr	BOBJ1	85	245.18	After	Interior Girder 3	53.92	0.95	1	1	7.734088
HS20_serv_opr	BOBJ1	85	245.18	After	Interior Girder 4	53.92	0.95	1	1	7.734088
HS20_serv_opr	BOBJ1	85	245.18	After	Interior Girder 5	53.92	0.95	1	1	7.545807
HS20_serv_opr	BOBJ1	85	245.18	After	Interior Girder 6	53.92	0.95	1	1	7.717969
HS20_serv_opr	BOBJ1	85	245.18	After	Right Exterior Girder	53.92	0.95	1	1	8.236741
HS20_serv_opr	BOBJ1	86	250.245	Before	Left Exterior Girder	58.985	0.95	1	1	6.249995
HS20_serv_opr	BOBJ1	86	250.245	Before	Interior Girder 1	58.985	0.95	1	1	6.207595
HS20_serv_opr	BOBJ1	86	250.245	Before	Interior Girder 2	58.985	0.95	1	1	5.914968
HS20_serv_opr	BOBJ1	86	250.245	Before	Interior Girder 3	58.985	0.95	1	1	5.714448
HS20_serv_opr	BOBJ1	86	250.245	Before	Interior Girder 4	58.985	0.95	1	1	5.714448
HS20_serv_opr	BOBJ1	86	250.245	Before	Interior Girder 5	58.985	0.95	1	1	5.914968
HS20_serv_opr	BOBJ1	86	250.245	Before	Interior Girder 6	58.985	0.95	1	1	6.207595
HS20_serv_opr	BOBJ1	86	250.245	Before	Right Exterior Girder	58.985	0.95	1	1	6.249995
HS20_serv_opr	BOBJ1	87	250.245	After	Left Exterior Girder	58.985	0.95	1	1	6.305356
HS20_serv_opr	BOBJ1	87	250.245	After	Interior Girder 1	58.985	0.95	1	1	6.143289
HS20_serv_opr	BOBJ1	87	250.245	After	Interior Girder 2	58.985	0.95	1	1	5.854843
HS20_serv_opr	BOBJ1	87	250.245	After	Interior Girder 3	58.985	0.95	1	1	5.677267
HS20_serv_opr	BOBJ1	87	250.245	After	Interior Girder 4	58.985	0.95	1	1	5.677267
HS20_serv_opr	BOBJ1	87	250.245	After	Interior Girder 5	58.985	0.95	1	1	5.854843
HS20_serv_opr	BOBJ1	87	250.245	After	Interior Girder 6	58.985	0.95	1	1	6.143289
HS20_serv_opr	BOBJ1	87	250.245	After	Right Exterior Girder	58.985	0.95	1	1	6.305356
HS20_serv_opr	BOBJ1	88	251.68	Before	Left Exterior Girder	60.42	0.95	1	1	5.763556
HS20_serv_opr	BOBJ1	88	251.68	Before	Right Exterior Girder	60.42	0.95	1	1	5.763556
HS20_serv_opr	BOBJ1	89	251.68	After	Left Exterior Girder	60.42	0.95	1	1	10.003311
HS20_serv_opr	BOBJ1	89	251.68	After	Right Exterior Girder	60.42	0.95	1	1	10.003311
HS20_serv_opr	BOBJ1	90	254.18	Before	Interior Girder 1	62.92	0.95	1	1	5.030533
HS20_serv_opr	BOBJ1	90	254.18	Before	Interior Girder 2	62.92	0.95	1	1	4.800583
HS20_serv_opr	BOBJ1	90	254.18	Before	Interior Girder 3	62.92	0.95	1	1	4.381498
HS20_serv_opr	BOBJ1	90	254.18	Before	Interior Girder 4	62.92	0.95	1	1	4.381498
HS20_serv_opr	BOBJ1	90	254.18	Before	Interior Girder 5	62.92	0.95	1	1	4.800583
HS20_serv_opr	BOBJ1	90	254.18	Before	Interior Girder 6	62.92	0.95	1	1	5.030533
HS20_serv_opr	BOBJ1	91	254.18	After	Interior Girder 1	62.92	0.95	1	1	6.145946
HS20_serv_opr	BOBJ1	91	254.18	After	Interior Girder 2	62.92	0.95	1	1	5.755299
HS20_serv_opr	BOBJ1	91	254.18	After	Interior Girder 3	62.92	0.95	1	1	5.278219
HS20_serv_opr	BOBJ1	91	254.18	After	Interior Girder 4	62.92	0.95	1	1	5.278219
HS20_serv_opr	BOBJ1	91	254.18	After	Interior Girder 5	62.92	0.95	1	1	5.755299
HS20_serv_opr	BOBJ1	91	254.18	After	Interior Girder 6	62.92	0.95	1	1	6.145946
HS20_serv_opr	BOBJ1	92	258.68	Before	Left Exterior Girder	67.42	0.95	1	1	5.644991
HS20_serv_opr	BOBJ1	92	258.68	Before	Interior Girder 1	67.42	0.95	1	1	3.853347
HS20_serv_opr	BOBJ1	92	258.68	Before	Interior Girder 2	67.42	0.95	1	1	3.678195
HS20_serv_opr	BOBJ1	92	258.68	Before	Interior Girder 3	67.42	0.95	1	1	3.115211
HS20_serv_opr	BOBJ1	92	258.68	Before	Interior Girder 4	67.42	0.95	1	1	3.115211
HS20_serv_opr	BOBJ1	92	258.68	Before	Interior Girder 5	67.42	0.95	1	1	3.678195
HS20_serv_opr	BOBJ1	92	258.68	Before	Interior Girder 6	67.42	0.95	1	1	3.853347
HS20_serv_opr	BOBJ1	92	258.68	Before	Right Exterior Girder	67.42	0.95	1	1	5.644991
HS20_serv_opr	BOBJ1	93	258.68	After	Left Exterior Girder	0	0.95	1	1	5.7565
HS20_serv_opr	BOBJ1	93	258.68	After	Interior Girder 1	0	0.95	1	1	4.011893
HS20_serv_opr	BOBJ1	93	258.68	After	Interior Girder 2	0	0.95	1	1	3.821318
HS20_serv_opr	BOBJ1	93	258.68	After	Interior Girder 3	0	0.95	1	1	3.167304
HS20_serv_opr	BOBJ1	93	258.68	After	Interior Girder 4	0	0.95	1	1	3.167304
HS20_serv_opr	BOBJ1	93	258.68	After	Interior Girder 5	0	0.95	1	1	3.821318
HS20_serv_opr	BOBJ1	93	258.68	After	Interior Girder 6	0	0.95	1	1	4.011893
HS20_serv_opr	BOBJ1	93	258.68	After	Right Exterior Girder	0	0.95	1	1	5.7565
HS20_serv_opr	BOBJ1	94	263.18	Before	Interior Girder 1	4.5	0.95	1	1	5.310219
HS20_serv_opr	BOBJ1	94	263.18	Before	Interior Girder 2	4.5	0.95	1	1	5.10701
HS20_serv_opr	BOBJ1	94	263.18	Before	Interior Girder 3	4.5	0.95	1	1	4.832499
HS20_serv_opr	BOBJ1	94	263.18	Before	Interior Girder 4	4.5	0.95	1	1	4.832499
HS20_serv_opr	BOBJ1	94	263.18	Before	Interior Girder 5	4.5	0.95	1	1	5.10701
HS20_serv_opr	BOBJ1	94	263.18	Before	Interior Girder 6	4.5	0.95	1	1	5.310219
HS20_serv_opr	BOBJ1	95	263.18	After	Interior Girder 1	4.5	0.95	1	1	4.330051
HS20_serv_opr	BOBJ1	95	263.18	After	Interior Girder 2	4.5	0.95	1	1	4.256785
HS20_serv_opr	BOBJ1	95	263.18	After	Interior Girder 3	4.5	0.95	1	1	4.000848
HS20_serv_opr	BOBJ1	95	263.18	After	Interior Girder 4	4.5	0.95	1	1	4.000848
HS20_serv_opr	BOBJ1	95	263.18	After	Interior Girder 5	4.5	0.95	1	1	4.256785
HS20_serv_opr	BOBJ1	95	263.18	After	Interior Girder 6	4.5	0.95	1	1	4.330051
HS20_serv_opr	BOBJ1	96	265.68	Before	Left Exterior Girder	7	0.95	1	1	8.131444

TABLE: Bridge Super Rating AASHTORATE18 31 - SteelICompServ-Flx - Approach, Span 7-11										
Request	BridgeObj	BridgeCut	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	Unitless	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
HS20_serv_opr	BOBJ1	96	265.68	Before	Right Exterior Girder	7	0.95	1	1	8.131444
HS20_serv_opr	BOBJ1	97	265.68	After	Left Exterior Girder	7	0.95	1	1	4.708808
HS20_serv_opr	BOBJ1	97	265.68	After	Right Exterior Girder	7	0.95	1	1	4.708808
HS20_serv_opr	BOBJ1	98	268.08	Before	Left Exterior Girder	9.4	0.95	1	1	5.492712
HS20_serv_opr	BOBJ1	98	268.08	Before	Interior Girder 1	9.4	0.95	1	1	5.474984
HS20_serv_opr	BOBJ1	98	268.08	Before	Interior Girder 2	9.4	0.95	1	1	5.427756
HS20_serv_opr	BOBJ1	98	268.08	Before	Interior Girder 3	9.4	0.95	1	1	5.352008
HS20_serv_opr	BOBJ1	98	268.08	Before	Interior Girder 4	9.4	0.95	1	1	5.352008
HS20_serv_opr	BOBJ1	98	268.08	Before	Interior Girder 5	9.4	0.95	1	1	5.427756
HS20_serv_opr	BOBJ1	98	268.08	Before	Interior Girder 6	9.4	0.95	1	1	5.474984
HS20_serv_opr	BOBJ1	98	268.08	Before	Right Exterior Girder	9.4	0.95	1	1	5.492712
HS20_serv_opr	BOBJ1	99	268.08	After	Left Exterior Girder	9.4	0.95	1	1	5.386818
HS20_serv_opr	BOBJ1	99	268.08	After	Interior Girder 1	9.4	0.95	1	1	5.560367
HS20_serv_opr	BOBJ1	99	268.08	After	Interior Girder 2	9.4	0.95	1	1	5.49348
HS20_serv_opr	BOBJ1	99	268.08	After	Interior Girder 3	9.4	0.95	1	1	5.376328
HS20_serv_opr	BOBJ1	99	268.08	After	Interior Girder 4	9.4	0.95	1	1	5.376328
HS20_serv_opr	BOBJ1	99	268.08	After	Interior Girder 5	9.4	0.95	1	1	5.49348
HS20_serv_opr	BOBJ1	99	268.08	After	Interior Girder 6	9.4	0.95	1	1	5.560367
HS20_serv_opr	BOBJ1	99	268.08	After	Right Exterior Girder	9.4	0.95	1	1	5.386818
HS20_serv_opr	BOBJ1	100	277.48	Before	Left Exterior Girder	18.8	0.95	1	1	6.09022
HS20_serv_opr	BOBJ1	100	277.48	Before	Interior Girder 1	18.8	0.95	1	1	5.545103
HS20_serv_opr	BOBJ1	100	277.48	Before	Interior Girder 2	18.8	0.95	1	1	5.098131
HS20_serv_opr	BOBJ1	100	277.48	Before	Interior Girder 3	18.8	0.95	1	1	4.971265
HS20_serv_opr	BOBJ1	100	277.48	Before	Interior Girder 4	18.8	0.95	1	1	4.971265
HS20_serv_opr	BOBJ1	100	277.48	Before	Interior Girder 5	18.8	0.95	1	1	5.098131
HS20_serv_opr	BOBJ1	100	277.48	Before	Interior Girder 6	18.8	0.95	1	1	5.545103
HS20_serv_opr	BOBJ1	100	277.48	Before	Right Exterior Girder	18.8	0.95	1	1	6.09022
HS20_serv_opr	BOBJ1	101	277.48	After	Left Exterior Girder	18.8	0.95	1	1	6.213123
HS20_serv_opr	BOBJ1	101	277.48	After	Interior Girder 1	18.8	0.95	1	1	5.458791
HS20_serv_opr	BOBJ1	101	277.48	After	Interior Girder 2	18.8	0.95	1	1	5.110639
HS20_serv_opr	BOBJ1	101	277.48	After	Interior Girder 3	18.8	0.95	1	1	5.037305
HS20_serv_opr	BOBJ1	101	277.48	After	Interior Girder 4	18.8	0.95	1	1	5.037305
HS20_serv_opr	BOBJ1	101	277.48	After	Interior Girder 5	18.8	0.95	1	1	5.110639
HS20_serv_opr	BOBJ1	101	277.48	After	Interior Girder 6	18.8	0.95	1	1	5.458791
HS20_serv_opr	BOBJ1	101	277.48	After	Right Exterior Girder	18.8	0.95	1	1	6.213123
HS20_serv_opr	BOBJ1	102	286.88	Before	Left Exterior Girder	28.2	0.95	1	1	4.432892
HS20_serv_opr	BOBJ1	102	286.88	Before	Interior Girder 1	28.2	0.95	1	1	3.633072
HS20_serv_opr	BOBJ1	102	286.88	Before	Interior Girder 2	28.2	0.95	1	1	3.484555
HS20_serv_opr	BOBJ1	102	286.88	Before	Interior Girder 3	28.2	0.95	1	1	3.365387
HS20_serv_opr	BOBJ1	102	286.88	Before	Interior Girder 4	28.2	0.95	1	1	3.365387
HS20_serv_opr	BOBJ1	102	286.88	Before	Interior Girder 5	28.2	0.95	1	1	3.484555
HS20_serv_opr	BOBJ1	102	286.88	Before	Interior Girder 6	28.2	0.95	1	1	3.633072
HS20_serv_opr	BOBJ1	102	286.88	Before	Right Exterior Girder	28.2	0.95	1	1	4.432892
HS20_serv_opr	BOBJ1	103	286.88	After	Left Exterior Girder	28.2	0.95	1	1	4.447546
HS20_serv_opr	BOBJ1	103	286.88	After	Interior Girder 1	28.2	0.95	1	1	3.629997
HS20_serv_opr	BOBJ1	103	286.88	After	Interior Girder 2	28.2	0.95	1	1	3.496747
HS20_serv_opr	BOBJ1	103	286.88	After	Interior Girder 3	28.2	0.95	1	1	3.388376
HS20_serv_opr	BOBJ1	103	286.88	After	Interior Girder 4	28.2	0.95	1	1	3.388376
HS20_serv_opr	BOBJ1	103	286.88	After	Interior Girder 5	28.2	0.95	1	1	3.496747
HS20_serv_opr	BOBJ1	103	286.88	After	Interior Girder 6	28.2	0.95	1	1	3.629997
HS20_serv_opr	BOBJ1	103	286.88	After	Right Exterior Girder	28.2	0.95	1	1	4.447546
HS20_serv_opr	BOBJ1	104	296.28	Before	Left Exterior Girder	37.6	0.95	1	1	4.109315
HS20_serv_opr	BOBJ1	104	296.28	Before	Interior Girder 1	37.6	0.95	1	1	3.814205
HS20_serv_opr	BOBJ1	104	296.28	Before	Interior Girder 2	37.6	0.95	1	1	3.636433
HS20_serv_opr	BOBJ1	104	296.28	Before	Interior Girder 3	37.6	0.95	1	1	3.613863
HS20_serv_opr	BOBJ1	104	296.28	Before	Interior Girder 4	37.6	0.95	1	1	3.613863
HS20_serv_opr	BOBJ1	104	296.28	Before	Interior Girder 5	37.6	0.95	1	1	3.636433
HS20_serv_opr	BOBJ1	104	296.28	Before	Interior Girder 6	37.6	0.95	1	1	3.814205
HS20_serv_opr	BOBJ1	104	296.28	Before	Right Exterior Girder	37.6	0.95	1	1	4.109315
HS20_serv_opr	BOBJ1	105	296.28	After	Left Exterior Girder	37.6	0.95	1	1	4.063435
HS20_serv_opr	BOBJ1	105	296.28	After	Interior Girder 1	37.6	0.95	1	1	3.848057
HS20_serv_opr	BOBJ1	105	296.28	After	Interior Girder 2	37.6	0.95	1	1	3.630113
HS20_serv_opr	BOBJ1	105	296.28	After	Interior Girder 3	37.6	0.95	1	1	3.587181
HS20_serv_opr	BOBJ1	105	296.28	After	Interior Girder 4	37.6	0.95	1	1	3.587181
HS20_serv_opr	BOBJ1	105	296.28	After	Interior Girder 5	37.6	0.95	1	1	3.630113
HS20_serv_opr	BOBJ1	105	296.28	After	Interior Girder 6	37.6	0.95	1	1	3.848057
HS20_serv_opr	BOBJ1	105	296.28	After	Right Exterior Girder	37.6	0.95	1	1	4.063435
HS20_serv_opr	BOBJ1	106	305.69	Before	Left Exterior Girder	47.01	0.95	1	1	7.086275
HS20_serv_opr	BOBJ1	106	305.69	Before	Interior Girder 1	47.01	0.95	1	1	5.086469
HS20_serv_opr	BOBJ1	106	305.69	Before	Interior Girder 2	47.01	0.95	1	1	4.867772
HS20_serv_opr	BOBJ1	106	305.69	Before	Interior Girder 3	47.01	0.95	1	1	4.621339
HS20_serv_opr	BOBJ1	106	305.69	Before	Interior Girder 4	47.01	0.95	1	1	4.621339
HS20_serv_opr	BOBJ1	106	305.69	Before	Interior Girder 5	47.01	0.95	1	1	4.867772

TABLE: Bridge Super Rating AASHTORATE18 31 - SteelICompServ-Flx - Approach, Span 7-11										
Request	BridgeObj	BridgeCut	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	Unitless	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
HS20_serv_opr	BOBJ1	106	305.69	Before	Interior Girder 6	47.01	0.95	1	1	5.086469
HS20_serv_opr	BOBJ1	106	305.69	Before	Right Exterior Girder	47.01	0.95	1	1	7.086275
HS20_serv_opr	BOBJ1	107	305.69	After	Left Exterior Girder	47.01	0.95	1	1	7.059511
HS20_serv_opr	BOBJ1	107	305.69	After	Interior Girder 1	47.01	0.95	1	1	5.100245
HS20_serv_opr	BOBJ1	107	305.69	After	Interior Girder 2	47.01	0.95	1	1	4.775611
HS20_serv_opr	BOBJ1	107	305.69	After	Interior Girder 3	47.01	0.95	1	1	4.452646
HS20_serv_opr	BOBJ1	107	305.69	After	Interior Girder 4	47.01	0.95	1	1	4.452646
HS20_serv_opr	BOBJ1	107	305.69	After	Interior Girder 5	47.01	0.95	1	1	4.775611
HS20_serv_opr	BOBJ1	107	305.69	After	Interior Girder 6	47.01	0.95	1	1	5.100245
HS20_serv_opr	BOBJ1	107	305.69	After	Right Exterior Girder	47.01	0.95	1	1	7.059511
HS20_serv_opr	BOBJ1	108	315.1	Before	Left Exterior Girder	56.42	0.95	1	1	385.785488
HS20_serv_opr	BOBJ1	108	315.1	Before	Interior Girder 1	56.42	0.95	1	1	490.003837
HS20_serv_opr	BOBJ1	108	315.1	Before	Interior Girder 2	56.42	0.95	1	1	249.58866
HS20_serv_opr	BOBJ1	108	315.1	Before	Interior Girder 3	56.42	0.95	1	1	182.309932
HS20_serv_opr	BOBJ1	108	315.1	Before	Interior Girder 4	56.42	0.95	1	1	182.309932
HS20_serv_opr	BOBJ1	108	315.1	Before	Interior Girder 5	56.42	0.95	1	1	249.588661
HS20_serv_opr	BOBJ1	108	315.1	Before	Interior Girder 6	56.42	0.95	1	1	490.003835
HS20_serv_opr	BOBJ1	108	315.1	Before	Right Exterior Girder	56.42	0.95	1	1	385.78549
HS20_serv_inv	BOBJ1	1	0	After	Left Exterior Girder	0	0.95	1	1	283.150221
HS20_serv_inv	BOBJ1	1	0	After	Interior Girder 1	0	0.95	1	1	342.603337
HS20_serv_inv	BOBJ1	1	0	After	Interior Girder 2	0	0.95	1	1	195.955625
HS20_serv_inv	BOBJ1	1	0	After	Interior Girder 3	0	0.95	1	1	137.172411
HS20_serv_inv	BOBJ1	1	0	After	Interior Girder 4	0	0.95	1	1	137.172411
HS20_serv_inv	BOBJ1	1	0	After	Interior Girder 5	0	0.95	1	1	195.955625
HS20_serv_inv	BOBJ1	1	0	After	Interior Girder 6	0	0.95	1	1	342.603341
HS20_serv_inv	BOBJ1	1	0	After	Right Exterior Girder	0	0.95	1	1	283.150221
HS20_serv_inv	BOBJ1	2	9.4	Before	Left Exterior Girder	9.4	0.95	1	1	5.402946
HS20_serv_inv	BOBJ1	2	9.4	Before	Interior Girder 1	9.4	0.95	1	1	3.912696
HS20_serv_inv	BOBJ1	2	9.4	Before	Interior Girder 2	9.4	0.95	1	1	3.666455
HS20_serv_inv	BOBJ1	2	9.4	Before	Interior Girder 3	9.4	0.95	1	1	3.422011
HS20_serv_inv	BOBJ1	2	9.4	Before	Interior Girder 4	9.4	0.95	1	1	3.422011
HS20_serv_inv	BOBJ1	2	9.4	Before	Interior Girder 5	9.4	0.95	1	1	3.666455
HS20_serv_inv	BOBJ1	2	9.4	Before	Interior Girder 6	9.4	0.95	1	1	3.912696
HS20_serv_inv	BOBJ1	2	9.4	Before	Right Exterior Girder	9.4	0.95	1	1	5.402946
HS20_serv_inv	BOBJ1	3	9.4	After	Left Exterior Girder	9.4	0.95	1	1	5.426319
HS20_serv_inv	BOBJ1	3	9.4	After	Interior Girder 1	9.4	0.95	1	1	3.900616
HS20_serv_inv	BOBJ1	3	9.4	After	Interior Girder 2	9.4	0.95	1	1	3.737292
HS20_serv_inv	BOBJ1	3	9.4	After	Interior Girder 3	9.4	0.95	1	1	3.551731
HS20_serv_inv	BOBJ1	3	9.4	After	Interior Girder 4	9.4	0.95	1	1	3.551731
HS20_serv_inv	BOBJ1	3	9.4	After	Interior Girder 5	9.4	0.95	1	1	3.737292
HS20_serv_inv	BOBJ1	3	9.4	After	Interior Girder 6	9.4	0.95	1	1	3.900616
HS20_serv_inv	BOBJ1	3	9.4	After	Right Exterior Girder	9.4	0.95	1	1	5.426319
HS20_serv_inv	BOBJ1	4	18.8	Before	Left Exterior Girder	18.8	0.95	1	1	3.11723
HS20_serv_inv	BOBJ1	4	18.8	Before	Interior Girder 1	18.8	0.95	1	1	2.948743
HS20_serv_inv	BOBJ1	4	18.8	Before	Interior Girder 2	18.8	0.95	1	1	2.786844
HS20_serv_inv	BOBJ1	4	18.8	Before	Interior Girder 3	18.8	0.95	1	1	2.756962
HS20_serv_inv	BOBJ1	4	18.8	Before	Interior Girder 4	18.8	0.95	1	1	2.756962
HS20_serv_inv	BOBJ1	4	18.8	Before	Interior Girder 5	18.8	0.95	1	1	2.786844
HS20_serv_inv	BOBJ1	4	18.8	Before	Interior Girder 6	18.8	0.95	1	1	2.948743
HS20_serv_inv	BOBJ1	4	18.8	Before	Right Exterior Girder	18.8	0.95	1	1	3.11723
HS20_serv_inv	BOBJ1	5	18.8	After	Left Exterior Girder	18.8	0.95	1	1	3.152006
HS20_serv_inv	BOBJ1	5	18.8	After	Interior Girder 1	18.8	0.95	1	1	2.923576
HS20_serv_inv	BOBJ1	5	18.8	After	Interior Girder 2	18.8	0.95	1	1	2.791417
HS20_serv_inv	BOBJ1	5	18.8	After	Interior Girder 3	18.8	0.95	1	1	2.777132
HS20_serv_inv	BOBJ1	5	18.8	After	Interior Girder 4	18.8	0.95	1	1	2.777132
HS20_serv_inv	BOBJ1	5	18.8	After	Interior Girder 5	18.8	0.95	1	1	2.791417
HS20_serv_inv	BOBJ1	5	18.8	After	Interior Girder 6	18.8	0.95	1	1	2.923576
HS20_serv_inv	BOBJ1	5	18.8	After	Right Exterior Girder	18.8	0.95	1	1	3.152006
HS20_serv_inv	BOBJ1	6	28.2	Before	Left Exterior Girder	28.2	0.95	1	1	3.414624
HS20_serv_inv	BOBJ1	6	28.2	Before	Interior Girder 1	28.2	0.95	1	1	2.784703
HS20_serv_inv	BOBJ1	6	28.2	Before	Interior Girder 2	28.2	0.95	1	1	2.684575
HS20_serv_inv	BOBJ1	6	28.2	Before	Interior Girder 3	28.2	0.95	1	1	2.603141
HS20_serv_inv	BOBJ1	6	28.2	Before	Interior Girder 4	28.2	0.95	1	1	2.603141
HS20_serv_inv	BOBJ1	6	28.2	Before	Interior Girder 5	28.2	0.95	1	1	2.684575
HS20_serv_inv	BOBJ1	6	28.2	Before	Interior Girder 6	28.2	0.95	1	1	2.784703
HS20_serv_inv	BOBJ1	6	28.2	Before	Right Exterior Girder	28.2	0.95	1	1	3.414624
HS20_serv_inv	BOBJ1	7	28.2	After	Left Exterior Girder	28.2	0.95	1	1	3.403273
HS20_serv_inv	BOBJ1	7	28.2	After	Interior Girder 1	28.2	0.95	1	1	2.786812
HS20_serv_inv	BOBJ1	7	28.2	After	Interior Girder 2	28.2	0.95	1	1	2.675199
HS20_serv_inv	BOBJ1	7	28.2	After	Interior Girder 3	28.2	0.95	1	1	2.585605
HS20_serv_inv	BOBJ1	7	28.2	After	Interior Girder 4	28.2	0.95	1	1	2.585605
HS20_serv_inv	BOBJ1	7	28.2	After	Interior Girder 5	28.2	0.95	1	1	2.675199
HS20_serv_inv	BOBJ1	7	28.2	After	Interior Girder 6	28.2	0.95	1	1	2.786812

TABLE: Bridge Super Rating AASHTORATE18 31 - SteelICompServ-Flx - Approach, Span 7-11										
Request	BridgeObj	BridgeCut	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	Unitless	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
HS20_serv_inv	BOBJ1	7	28.2	After	Right Exterior Girder	28.2	0.95	1	1	3.403273
HS20_serv_inv	BOBJ1	8	37.6	Before	Left Exterior Girder	37.6	0.95	1	1	4.772253
HS20_serv_inv	BOBJ1	8	37.6	Before	Interior Girder 1	37.6	0.95	1	1	4.189369
HS20_serv_inv	BOBJ1	8	37.6	Before	Interior Girder 2	37.6	0.95	1	1	3.923446
HS20_serv_inv	BOBJ1	8	37.6	Before	Interior Girder 3	37.6	0.95	1	1	3.868114
HS20_serv_inv	BOBJ1	8	37.6	Before	Interior Girder 4	37.6	0.95	1	1	3.868114
HS20_serv_inv	BOBJ1	8	37.6	Before	Interior Girder 5	37.6	0.95	1	1	3.923446
HS20_serv_inv	BOBJ1	8	37.6	Before	Interior Girder 6	37.6	0.95	1	1	4.189369
HS20_serv_inv	BOBJ1	8	37.6	Before	Right Exterior Girder	37.6	0.95	1	1	4.772253
HS20_serv_inv	BOBJ1	9	37.6	After	Left Exterior Girder	37.6	0.95	1	1	4.677669
HS20_serv_inv	BOBJ1	9	37.6	After	Interior Girder 1	37.6	0.95	1	1	4.255038
HS20_serv_inv	BOBJ1	9	37.6	After	Interior Girder 2	37.6	0.95	1	1	3.914068
HS20_serv_inv	BOBJ1	9	37.6	After	Interior Girder 3	37.6	0.95	1	1	3.81786
HS20_serv_inv	BOBJ1	9	37.6	After	Interior Girder 4	37.6	0.95	1	1	3.81786
HS20_serv_inv	BOBJ1	9	37.6	After	Interior Girder 5	37.6	0.95	1	1	3.914068
HS20_serv_inv	BOBJ1	9	37.6	After	Interior Girder 6	37.6	0.95	1	1	4.255038
HS20_serv_inv	BOBJ1	9	37.6	After	Right Exterior Girder	37.6	0.95	1	1	4.677669
HS20_serv_inv	BOBJ1	10	47.01	Before	Left Exterior Girder	47.01	0.95	1	1	4.14354
HS20_serv_inv	BOBJ1	10	47.01	Before	Interior Girder 1	47.01	0.95	1	1	4.277506
HS20_serv_inv	BOBJ1	10	47.01	Before	Interior Girder 2	47.01	0.95	1	1	4.225892
HS20_serv_inv	BOBJ1	10	47.01	Before	Interior Girder 3	47.01	0.95	1	1	4.139351
HS20_serv_inv	BOBJ1	10	47.01	Before	Interior Girder 4	47.01	0.95	1	1	4.139351
HS20_serv_inv	BOBJ1	10	47.01	Before	Interior Girder 5	47.01	0.95	1	1	4.225892
HS20_serv_inv	BOBJ1	10	47.01	Before	Interior Girder 6	47.01	0.95	1	1	4.277506
HS20_serv_inv	BOBJ1	10	47.01	Before	Right Exterior Girder	47.01	0.95	1	1	4.14354
HS20_serv_inv	BOBJ1	11	47.01	After	Left Exterior Girder	47.01	0.95	1	1	4.224936
HS20_serv_inv	BOBJ1	11	47.01	After	Interior Girder 1	47.01	0.95	1	1	4.212471
HS20_serv_inv	BOBJ1	11	47.01	After	Interior Girder 2	47.01	0.95	1	1	4.175065
HS20_serv_inv	BOBJ1	11	47.01	After	Interior Girder 3	47.01	0.95	1	1	4.120684
HS20_serv_inv	BOBJ1	11	47.01	After	Interior Girder 4	47.01	0.95	1	1	4.120684
HS20_serv_inv	BOBJ1	11	47.01	After	Interior Girder 5	47.01	0.95	1	1	4.175065
HS20_serv_inv	BOBJ1	11	47.01	After	Interior Girder 6	47.01	0.95	1	1	4.212471
HS20_serv_inv	BOBJ1	11	47.01	After	Right Exterior Girder	47.01	0.95	1	1	4.224936
HS20_serv_inv	BOBJ1	12	49.42	Before	Left Exterior Girder	49.42	0.95	1	1	3.6076
HS20_serv_inv	BOBJ1	12	49.42	Before	Right Exterior Girder	49.42	0.95	1	1	3.6076
HS20_serv_inv	BOBJ1	13	49.42	After	Left Exterior Girder	49.42	0.95	1	1	6.236498
HS20_serv_inv	BOBJ1	13	49.42	After	Right Exterior Girder	49.42	0.95	1	1	6.236498
HS20_serv_inv	BOBJ1	14	51.92	Before	Interior Girder 1	51.92	0.95	1	1	3.325981
HS20_serv_inv	BOBJ1	14	51.92	Before	Interior Girder 2	51.92	0.95	1	1	3.270587
HS20_serv_inv	BOBJ1	14	51.92	Before	Interior Girder 3	51.92	0.95	1	1	3.078432
HS20_serv_inv	BOBJ1	14	51.92	Before	Interior Girder 4	51.92	0.95	1	1	3.078432
HS20_serv_inv	BOBJ1	14	51.92	Before	Interior Girder 5	51.92	0.95	1	1	3.270587
HS20_serv_inv	BOBJ1	14	51.92	Before	Interior Girder 6	51.92	0.95	1	1	3.325981
HS20_serv_inv	BOBJ1	15	51.92	After	Interior Girder 1	51.92	0.95	1	1	4.079623
HS20_serv_inv	BOBJ1	15	51.92	After	Interior Girder 2	51.92	0.95	1	1	3.924178
HS20_serv_inv	BOBJ1	15	51.92	After	Interior Girder 3	51.92	0.95	1	1	3.71879
HS20_serv_inv	BOBJ1	15	51.92	After	Interior Girder 4	51.92	0.95	1	1	3.71879
HS20_serv_inv	BOBJ1	15	51.92	After	Interior Girder 5	51.92	0.95	1	1	3.924178
HS20_serv_inv	BOBJ1	15	51.92	After	Interior Girder 6	51.92	0.95	1	1	4.079623
HS20_serv_inv	BOBJ1	16	56.42	Before	Left Exterior Girder	56.42	0.95	1	1	4.423713
HS20_serv_inv	BOBJ1	16	56.42	Before	Interior Girder 1	56.42	0.95	1	1	3.077917
HS20_serv_inv	BOBJ1	16	56.42	Before	Interior Girder 2	56.42	0.95	1	1	2.932808
HS20_serv_inv	BOBJ1	16	56.42	Before	Interior Girder 3	56.42	0.95	1	1	2.435382
HS20_serv_inv	BOBJ1	16	56.42	Before	Interior Girder 4	56.42	0.95	1	1	2.435382
HS20_serv_inv	BOBJ1	16	56.42	Before	Interior Girder 5	56.42	0.95	1	1	2.932808
HS20_serv_inv	BOBJ1	16	56.42	Before	Interior Girder 6	56.42	0.95	1	1	3.077917
HS20_serv_inv	BOBJ1	16	56.42	Before	Right Exterior Girder	56.42	0.95	1	1	4.423713
HS20_serv_inv	BOBJ1	17	56.42	After	Left Exterior Girder	0	0.95	1	1	4.329197
HS20_serv_inv	BOBJ1	17	56.42	After	Interior Girder 1	0	0.95	1	1	2.963689
HS20_serv_inv	BOBJ1	17	56.42	After	Interior Girder 2	0	0.95	1	1	2.832178
HS20_serv_inv	BOBJ1	17	56.42	After	Interior Girder 3	0	0.95	1	1	2.394144
HS20_serv_inv	BOBJ1	17	56.42	After	Interior Girder 4	0	0.95	1	1	2.394144
HS20_serv_inv	BOBJ1	17	56.42	After	Interior Girder 5	0	0.95	1	1	2.832178
HS20_serv_inv	BOBJ1	17	56.42	After	Interior Girder 6	0	0.95	1	1	2.963689
HS20_serv_inv	BOBJ1	17	56.42	After	Right Exterior Girder	0	0.95	1	1	4.329197
HS20_serv_inv	BOBJ1	18	60.92	Before	Interior Girder 1	4.5	0.95	1	1	4.72639
HS20_serv_inv	BOBJ1	18	60.92	Before	Interior Girder 2	4.5	0.95	1	1	4.429035
HS20_serv_inv	BOBJ1	18	60.92	Before	Interior Girder 3	4.5	0.95	1	1	4.056115
HS20_serv_inv	BOBJ1	18	60.92	Before	Interior Girder 4	4.5	0.95	1	1	4.056115
HS20_serv_inv	BOBJ1	18	60.92	Before	Interior Girder 5	4.5	0.95	1	1	4.429035
HS20_serv_inv	BOBJ1	18	60.92	Before	Interior Girder 6	4.5	0.95	1	1	4.72639
HS20_serv_inv	BOBJ1	19	60.92	After	Interior Girder 1	4.5	0.95	1	1	3.867756
HS20_serv_inv	BOBJ1	19	60.92	After	Interior Girder 2	4.5	0.95	1	1	3.694036

TABLE: Bridge Super Rating AASHTORATE18 31 - SteelICompServ-Flx - Approach, Span 7-11										
Request	BridgeObj	BridgeCut	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	Unitless	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
HS20_serv_inv	BOBJ1	19	60.92	After	Interior Girder 3	4.5	0.95	1	1	3.367431
HS20_serv_inv	BOBJ1	19	60.92	After	Interior Girder 4	4.5	0.95	1	1	3.367431
HS20_serv_inv	BOBJ1	19	60.92	After	Interior Girder 5	4.5	0.95	1	1	3.694036
HS20_serv_inv	BOBJ1	19	60.92	After	Interior Girder 6	4.5	0.95	1	1	3.867756
HS20_serv_inv	BOBJ1	20	63.42	Before	Left Exterior Girder	7	0.95	1	1	7.680937
HS20_serv_inv	BOBJ1	20	63.42	Before	Right Exterior Girder	7	0.95	1	1	7.680937
HS20_serv_inv	BOBJ1	21	63.42	After	Left Exterior Girder	7	0.95	1	1	4.420857
HS20_serv_inv	BOBJ1	21	63.42	After	Right Exterior Girder	7	0.95	1	1	4.420857
HS20_serv_inv	BOBJ1	22	64.845	Before	Left Exterior Girder	8.425	0.95	1	1	4.834983
HS20_serv_inv	BOBJ1	22	64.845	Before	Interior Girder 1	8.425	0.95	1	1	4.720621
HS20_serv_inv	BOBJ1	22	64.845	Before	Interior Girder 2	8.425	0.95	1	1	4.502668
HS20_serv_inv	BOBJ1	22	64.845	Before	Interior Girder 3	8.425	0.95	1	1	4.361766
HS20_serv_inv	BOBJ1	22	64.845	Before	Interior Girder 4	8.425	0.95	1	1	4.361766
HS20_serv_inv	BOBJ1	22	64.845	Before	Interior Girder 5	8.425	0.95	1	1	4.502668
HS20_serv_inv	BOBJ1	22	64.845	Before	Interior Girder 6	8.425	0.95	1	1	4.720621
HS20_serv_inv	BOBJ1	22	64.845	Before	Right Exterior Girder	8.425	0.95	1	1	4.834983
HS20_serv_inv	BOBJ1	23	64.845	After	Left Exterior Girder	8.425	0.95	1	1	4.792359
HS20_serv_inv	BOBJ1	23	64.845	After	Interior Girder 1	8.425	0.95	1	1	4.770462
HS20_serv_inv	BOBJ1	23	64.845	After	Interior Girder 2	8.425	0.95	1	1	4.548936
HS20_serv_inv	BOBJ1	23	64.845	After	Interior Girder 3	8.425	0.95	1	1	4.3908
HS20_serv_inv	BOBJ1	23	64.845	After	Interior Girder 4	8.425	0.95	1	1	4.3908
HS20_serv_inv	BOBJ1	23	64.845	After	Interior Girder 5	8.425	0.95	1	1	4.548936
HS20_serv_inv	BOBJ1	23	64.845	After	Interior Girder 6	8.425	0.95	1	1	4.770462
HS20_serv_inv	BOBJ1	23	64.845	After	Right Exterior Girder	8.425	0.95	1	1	4.792359
HS20_serv_inv	BOBJ1	24	69.92	Before	Left Exterior Girder	13.5	0.95	1	1	6.325059
HS20_serv_inv	BOBJ1	24	69.92	Before	Interior Girder 1	13.5	0.95	1	1	5.933004
HS20_serv_inv	BOBJ1	24	69.92	Before	Interior Girder 2	13.5	0.95	1	1	5.805092
HS20_serv_inv	BOBJ1	24	69.92	Before	Interior Girder 3	13.5	0.95	1	1	5.947644
HS20_serv_inv	BOBJ1	24	69.92	Before	Interior Girder 4	13.5	0.95	1	1	5.947644
HS20_serv_inv	BOBJ1	24	69.92	Before	Interior Girder 5	13.5	0.95	1	1	5.805092
HS20_serv_inv	BOBJ1	24	69.92	Before	Interior Girder 6	13.5	0.95	1	1	5.933004
HS20_serv_inv	BOBJ1	24	69.92	Before	Right Exterior Girder	13.5	0.95	1	1	6.325059
HS20_serv_inv	BOBJ1	25	69.92	After	Left Exterior Girder	13.5	0.95	1	1	5.434919
HS20_serv_inv	BOBJ1	25	69.92	After	Interior Girder 1	13.5	0.95	1	1	5.544954
HS20_serv_inv	BOBJ1	25	69.92	After	Interior Girder 2	13.5	0.95	1	1	5.443945
HS20_serv_inv	BOBJ1	25	69.92	After	Interior Girder 3	13.5	0.95	1	1	5.556792
HS20_serv_inv	BOBJ1	25	69.92	After	Interior Girder 4	13.5	0.95	1	1	5.556792
HS20_serv_inv	BOBJ1	25	69.92	After	Interior Girder 5	13.5	0.95	1	1	5.443945
HS20_serv_inv	BOBJ1	25	69.92	After	Interior Girder 6	13.5	0.95	1	1	5.544954
HS20_serv_inv	BOBJ1	25	69.92	After	Right Exterior Girder	13.5	0.95	1	1	5.434919
HS20_serv_inv	BOBJ1	26	73.27	Before	Left Exterior Girder	16.85	0.95	1	1	5.807372
HS20_serv_inv	BOBJ1	26	73.27	Before	Interior Girder 1	16.85	0.95	1	1	5.063069
HS20_serv_inv	BOBJ1	26	73.27	Before	Interior Girder 2	16.85	0.95	1	1	4.636807
HS20_serv_inv	BOBJ1	26	73.27	Before	Interior Girder 3	16.85	0.95	1	1	4.499763
HS20_serv_inv	BOBJ1	26	73.27	Before	Interior Girder 4	16.85	0.95	1	1	4.499763
HS20_serv_inv	BOBJ1	26	73.27	Before	Interior Girder 5	16.85	0.95	1	1	4.636807
HS20_serv_inv	BOBJ1	26	73.27	Before	Interior Girder 6	16.85	0.95	1	1	5.063069
HS20_serv_inv	BOBJ1	26	73.27	Before	Right Exterior Girder	16.85	0.95	1	1	5.807372
HS20_serv_inv	BOBJ1	27	73.27	After	Left Exterior Girder	16.85	0.95	1	1	5.942548
HS20_serv_inv	BOBJ1	27	73.27	After	Interior Girder 1	16.85	0.95	1	1	4.983848
HS20_serv_inv	BOBJ1	27	73.27	After	Interior Girder 2	16.85	0.95	1	1	4.612583
HS20_serv_inv	BOBJ1	27	73.27	After	Interior Girder 3	16.85	0.95	1	1	4.531331
HS20_serv_inv	BOBJ1	27	73.27	After	Interior Girder 4	16.85	0.95	1	1	4.531331
HS20_serv_inv	BOBJ1	27	73.27	After	Interior Girder 5	16.85	0.95	1	1	4.612583
HS20_serv_inv	BOBJ1	27	73.27	After	Interior Girder 6	16.85	0.95	1	1	4.983848
HS20_serv_inv	BOBJ1	27	73.27	After	Right Exterior Girder	16.85	0.95	1	1	5.942548
HS20_serv_inv	BOBJ1	28	81.695	Before	Left Exterior Girder	25.275	0.95	1	1	3.586988
HS20_serv_inv	BOBJ1	28	81.695	Before	Interior Girder 1	25.275	0.95	1	1	3.054141
HS20_serv_inv	BOBJ1	28	81.695	Before	Interior Girder 2	25.275	0.95	1	1	2.937302
HS20_serv_inv	BOBJ1	28	81.695	Before	Interior Girder 3	25.275	0.95	1	1	2.849755
HS20_serv_inv	BOBJ1	28	81.695	Before	Interior Girder 4	25.275	0.95	1	1	2.849755
HS20_serv_inv	BOBJ1	28	81.695	Before	Interior Girder 5	25.275	0.95	1	1	2.937302
HS20_serv_inv	BOBJ1	28	81.695	Before	Interior Girder 6	25.275	0.95	1	1	3.054141
HS20_serv_inv	BOBJ1	28	81.695	Before	Right Exterior Girder	25.275	0.95	1	1	3.586988
HS20_serv_inv	BOBJ1	29	81.695	After	Left Exterior Girder	25.275	0.95	1	1	3.643541
HS20_serv_inv	BOBJ1	29	81.695	After	Interior Girder 1	25.275	0.95	1	1	3.032423
HS20_serv_inv	BOBJ1	29	81.695	After	Interior Girder 2	25.275	0.95	1	1	2.935852
HS20_serv_inv	BOBJ1	29	81.695	After	Interior Girder 3	25.275	0.95	1	1	2.878451
HS20_serv_inv	BOBJ1	29	81.695	After	Interior Girder 4	25.275	0.95	1	1	2.878451
HS20_serv_inv	BOBJ1	29	81.695	After	Interior Girder 5	25.275	0.95	1	1	2.935852
HS20_serv_inv	BOBJ1	29	81.695	After	Interior Girder 6	25.275	0.95	1	1	3.032423
HS20_serv_inv	BOBJ1	29	81.695	After	Right Exterior Girder	25.275	0.95	1	1	3.643541
HS20_serv_inv	BOBJ1	30	90.12	Before	Left Exterior Girder	33.7	0.95	1	1	2.918062

TABLE: Bridge Super Rating AASHTORATE18 31 - SteelICompServ-Flx - Approach, Span 7-11										
Request	BridgeObj	BridgeCut	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	Unitless	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
HS20_serv_inv	BOBJ1	30	90.12	Before	Interior Girder 1	33.7	0.95	1	1	2.868922
HS20_serv_inv	BOBJ1	30	90.12	Before	Interior Girder 2	33.7	0.95	1	1	2.793389
HS20_serv_inv	BOBJ1	30	90.12	Before	Interior Girder 3	33.7	0.95	1	1	2.795234
HS20_serv_inv	BOBJ1	30	90.12	Before	Interior Girder 4	33.7	0.95	1	1	2.795234
HS20_serv_inv	BOBJ1	30	90.12	Before	Interior Girder 5	33.7	0.95	1	1	2.793389
HS20_serv_inv	BOBJ1	30	90.12	Before	Interior Girder 6	33.7	0.95	1	1	2.868922
HS20_serv_inv	BOBJ1	30	90.12	Before	Right Exterior Girder	33.7	0.95	1	1	2.918062
HS20_serv_inv	BOBJ1	31	90.12	After	Left Exterior Girder	33.7	0.95	1	1	2.92217
HS20_serv_inv	BOBJ1	31	90.12	After	Interior Girder 1	33.7	0.95	1	1	2.868069
HS20_serv_inv	BOBJ1	31	90.12	After	Interior Girder 2	33.7	0.95	1	1	2.78999
HS20_serv_inv	BOBJ1	31	90.12	After	Interior Girder 3	33.7	0.95	1	1	2.793995
HS20_serv_inv	BOBJ1	31	90.12	After	Interior Girder 4	33.7	0.95	1	1	2.793995
HS20_serv_inv	BOBJ1	31	90.12	After	Interior Girder 5	33.7	0.95	1	1	2.78999
HS20_serv_inv	BOBJ1	31	90.12	After	Interior Girder 6	33.7	0.95	1	1	2.868069
HS20_serv_inv	BOBJ1	31	90.12	After	Right Exterior Girder	33.7	0.95	1	1	2.92217
HS20_serv_inv	BOBJ1	32	98.545	Before	Left Exterior Girder	42.125	0.95	1	1	3.544399
HS20_serv_inv	BOBJ1	32	98.545	Before	Interior Girder 1	42.125	0.95	1	1	2.988625
HS20_serv_inv	BOBJ1	32	98.545	Before	Interior Girder 2	42.125	0.95	1	1	2.906014
HS20_serv_inv	BOBJ1	32	98.545	Before	Interior Girder 3	42.125	0.95	1	1	2.851666
HS20_serv_inv	BOBJ1	32	98.545	Before	Interior Girder 4	42.125	0.95	1	1	2.851666
HS20_serv_inv	BOBJ1	32	98.545	Before	Interior Girder 5	42.125	0.95	1	1	2.906014
HS20_serv_inv	BOBJ1	32	98.545	Before	Interior Girder 6	42.125	0.95	1	1	2.988625
HS20_serv_inv	BOBJ1	32	98.545	Before	Right Exterior Girder	42.125	0.95	1	1	3.544399
HS20_serv_inv	BOBJ1	33	98.545	After	Left Exterior Girder	42.125	0.95	1	1	3.498229
HS20_serv_inv	BOBJ1	33	98.545	After	Interior Girder 1	42.125	0.95	1	1	3.006865
HS20_serv_inv	BOBJ1	33	98.545	After	Interior Girder 2	42.125	0.95	1	1	2.905199
HS20_serv_inv	BOBJ1	33	98.545	After	Interior Girder 3	42.125	0.95	1	1	2.822661
HS20_serv_inv	BOBJ1	33	98.545	After	Interior Girder 4	42.125	0.95	1	1	2.822661
HS20_serv_inv	BOBJ1	33	98.545	After	Interior Girder 5	42.125	0.95	1	1	2.905199
HS20_serv_inv	BOBJ1	33	98.545	After	Interior Girder 6	42.125	0.95	1	1	3.006865
HS20_serv_inv	BOBJ1	33	98.545	After	Right Exterior Girder	42.125	0.95	1	1	3.498229
HS20_serv_inv	BOBJ1	34	106.97	Before	Left Exterior Girder	50.55	0.95	1	1	5.587603
HS20_serv_inv	BOBJ1	34	106.97	Before	Interior Girder 1	50.55	0.95	1	1	4.8345
HS20_serv_inv	BOBJ1	34	106.97	Before	Interior Girder 2	50.55	0.95	1	1	4.517388
HS20_serv_inv	BOBJ1	34	106.97	Before	Interior Girder 3	50.55	0.95	1	1	4.467861
HS20_serv_inv	BOBJ1	34	106.97	Before	Interior Girder 4	50.55	0.95	1	1	4.467861
HS20_serv_inv	BOBJ1	34	106.97	Before	Interior Girder 5	50.55	0.95	1	1	4.517388
HS20_serv_inv	BOBJ1	34	106.97	Before	Interior Girder 6	50.55	0.95	1	1	4.8345
HS20_serv_inv	BOBJ1	34	106.97	Before	Right Exterior Girder	50.55	0.95	1	1	5.587603
HS20_serv_inv	BOBJ1	35	106.97	After	Left Exterior Girder	50.55	0.95	1	1	5.447437
HS20_serv_inv	BOBJ1	35	106.97	After	Interior Girder 1	50.55	0.95	1	1	4.913545
HS20_serv_inv	BOBJ1	35	106.97	After	Interior Girder 2	50.55	0.95	1	1	4.516135
HS20_serv_inv	BOBJ1	35	106.97	After	Interior Girder 3	50.55	0.95	1	1	4.396094
HS20_serv_inv	BOBJ1	35	106.97	After	Interior Girder 4	50.55	0.95	1	1	4.396094
HS20_serv_inv	BOBJ1	35	106.97	After	Interior Girder 5	50.55	0.95	1	1	4.516135
HS20_serv_inv	BOBJ1	35	106.97	After	Interior Girder 6	50.55	0.95	1	1	4.913545
HS20_serv_inv	BOBJ1	35	106.97	After	Right Exterior Girder	50.55	0.95	1	1	5.447437
HS20_serv_inv	BOBJ1	36	115.405	Before	Left Exterior Girder	58.985	0.95	1	1	3.569299
HS20_serv_inv	BOBJ1	36	115.405	Before	Interior Girder 1	58.985	0.95	1	1	3.915066
HS20_serv_inv	BOBJ1	36	115.405	Before	Interior Girder 2	58.985	0.95	1	1	3.878035
HS20_serv_inv	BOBJ1	36	115.405	Before	Interior Girder 3	58.985	0.95	1	1	3.78157
HS20_serv_inv	BOBJ1	36	115.405	Before	Interior Girder 4	58.985	0.95	1	1	3.78157
HS20_serv_inv	BOBJ1	36	115.405	Before	Interior Girder 5	58.985	0.95	1	1	3.878035
HS20_serv_inv	BOBJ1	36	115.405	Before	Interior Girder 6	58.985	0.95	1	1	3.915066
HS20_serv_inv	BOBJ1	36	115.405	Before	Right Exterior Girder	58.985	0.95	1	1	3.569299
HS20_serv_inv	BOBJ1	37	115.405	After	Left Exterior Girder	58.985	0.95	1	1	3.649573
HS20_serv_inv	BOBJ1	37	115.405	After	Interior Girder 1	58.985	0.95	1	1	3.847829
HS20_serv_inv	BOBJ1	37	115.405	After	Interior Girder 2	58.985	0.95	1	1	3.842897
HS20_serv_inv	BOBJ1	37	115.405	After	Interior Girder 3	58.985	0.95	1	1	3.771288
HS20_serv_inv	BOBJ1	37	115.405	After	Interior Girder 4	58.985	0.95	1	1	3.771288
HS20_serv_inv	BOBJ1	37	115.405	After	Interior Girder 5	58.985	0.95	1	1	3.842897
HS20_serv_inv	BOBJ1	37	115.405	After	Interior Girder 6	58.985	0.95	1	1	3.847829
HS20_serv_inv	BOBJ1	37	115.405	After	Right Exterior Girder	58.985	0.95	1	1	3.649573
HS20_serv_inv	BOBJ1	38	116.34	Before	Left Exterior Girder	59.92	0.95	1	1	3.386762
HS20_serv_inv	BOBJ1	38	116.34	Before	Right Exterior Girder	59.92	0.95	1	1	3.386762
HS20_serv_inv	BOBJ1	39	116.34	After	Left Exterior Girder	59.92	0.95	1	1	6.725581
HS20_serv_inv	BOBJ1	39	116.34	After	Right Exterior Girder	59.92	0.95	1	1	6.725581
HS20_serv_inv	BOBJ1	40	118.84	Before	Interior Girder 1	62.42	0.95	1	1	3.254596
HS20_serv_inv	BOBJ1	40	118.84	Before	Interior Girder 2	62.42	0.95	1	1	3.224073
HS20_serv_inv	BOBJ1	40	118.84	Before	Interior Girder 3	62.42	0.95	1	1	3.043944
HS20_serv_inv	BOBJ1	40	118.84	Before	Interior Girder 4	62.42	0.95	1	1	3.043944
HS20_serv_inv	BOBJ1	40	118.84	Before	Interior Girder 5	62.42	0.95	1	1	3.224073
HS20_serv_inv	BOBJ1	40	118.84	Before	Interior Girder 6	62.42	0.95	1	1	3.254596

TABLE: Bridge Super Rating AASHTORATE18 31 - SteelICompServ-Flx - Approach, Span 7-11										
Request	BridgeObj	BridgeCut	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	Unitless	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
HS20_serv_inv	BOBJ1	41	118.84	After	Interior Girder 1	62.42	0.95	1	1	4.546249
HS20_serv_inv	BOBJ1	41	118.84	After	Interior Girder 2	62.42	0.95	1	1	4.406449
HS20_serv_inv	BOBJ1	41	118.84	After	Interior Girder 3	62.42	0.95	1	1	4.202649
HS20_serv_inv	BOBJ1	41	118.84	After	Interior Girder 4	62.42	0.95	1	1	4.202649
HS20_serv_inv	BOBJ1	41	118.84	After	Interior Girder 5	62.42	0.95	1	1	4.406449
HS20_serv_inv	BOBJ1	41	118.84	After	Interior Girder 6	62.42	0.95	1	1	4.546249
HS20_serv_inv	BOBJ1	42	123.84	Before	Left Exterior Girder	67.42	0.95	1	1	4.476117
HS20_serv_inv	BOBJ1	42	123.84	Before	Interior Girder 1	67.42	0.95	1	1	3.311348
HS20_serv_inv	BOBJ1	42	123.84	Before	Interior Girder 2	67.42	0.95	1	1	3.125518
HS20_serv_inv	BOBJ1	42	123.84	Before	Interior Girder 3	67.42	0.95	1	1	2.604329
HS20_serv_inv	BOBJ1	42	123.84	Before	Interior Girder 4	67.42	0.95	1	1	2.604329
HS20_serv_inv	BOBJ1	42	123.84	Before	Interior Girder 5	67.42	0.95	1	1	3.125518
HS20_serv_inv	BOBJ1	42	123.84	Before	Interior Girder 6	67.42	0.95	1	1	3.311348
HS20_serv_inv	BOBJ1	42	123.84	Before	Right Exterior Girder	67.42	0.95	1	1	4.476117
HS20_serv_inv	BOBJ1	43	123.84	After	Left Exterior Girder	0	0.95	1	1	4.435304
HS20_serv_inv	BOBJ1	43	123.84	After	Interior Girder 1	0	0.95	1	1	3.258547
HS20_serv_inv	BOBJ1	43	123.84	After	Interior Girder 2	0	0.95	1	1	3.11309
HS20_serv_inv	BOBJ1	43	123.84	After	Interior Girder 3	0	0.95	1	1	2.59625
HS20_serv_inv	BOBJ1	43	123.84	After	Interior Girder 4	0	0.95	1	1	2.59625
HS20_serv_inv	BOBJ1	43	123.84	After	Interior Girder 5	0	0.95	1	1	3.11309
HS20_serv_inv	BOBJ1	43	123.84	After	Interior Girder 6	0	0.95	1	1	3.258547
HS20_serv_inv	BOBJ1	43	123.84	After	Right Exterior Girder	0	0.95	1	1	4.435304
HS20_serv_inv	BOBJ1	44	128.84	Before	Interior Girder 1	5	0.95	1	1	4.648622
HS20_serv_inv	BOBJ1	44	128.84	Before	Interior Girder 2	5	0.95	1	1	4.48767
HS20_serv_inv	BOBJ1	44	128.84	Before	Interior Girder 3	5	0.95	1	1	4.256747
HS20_serv_inv	BOBJ1	44	128.84	Before	Interior Girder 4	5	0.95	1	1	4.256747
HS20_serv_inv	BOBJ1	44	128.84	Before	Interior Girder 5	5	0.95	1	1	4.48767
HS20_serv_inv	BOBJ1	44	128.84	Before	Interior Girder 6	5	0.95	1	1	4.648622
HS20_serv_inv	BOBJ1	45	128.84	After	Interior Girder 1	5	0.95	1	1	3.332893
HS20_serv_inv	BOBJ1	45	128.84	After	Interior Girder 2	5	0.95	1	1	3.285425
HS20_serv_inv	BOBJ1	45	128.84	After	Interior Girder 3	5	0.95	1	1	3.094687
HS20_serv_inv	BOBJ1	45	128.84	After	Interior Girder 4	5	0.95	1	1	3.094687
HS20_serv_inv	BOBJ1	45	128.84	After	Interior Girder 5	5	0.95	1	1	3.285425
HS20_serv_inv	BOBJ1	45	128.84	After	Interior Girder 6	5	0.95	1	1	3.332893
HS20_serv_inv	BOBJ1	46	131.34	Before	Left Exterior Girder	7.5	0.95	1	1	6.920064
HS20_serv_inv	BOBJ1	46	131.34	Before	Right Exterior Girder	7.5	0.95	1	1	6.920064
HS20_serv_inv	BOBJ1	47	131.34	After	Left Exterior Girder	7.5	0.95	1	1	3.487274
HS20_serv_inv	BOBJ1	47	131.34	After	Right Exterior Girder	7.5	0.95	1	1	3.487274
HS20_serv_inv	BOBJ1	48	132.265	Before	Left Exterior Girder	8.425	0.95	1	1	3.740456
HS20_serv_inv	BOBJ1	48	132.265	Before	Interior Girder 1	8.425	0.95	1	1	3.937313
HS20_serv_inv	BOBJ1	48	132.265	Before	Interior Girder 2	8.425	0.95	1	1	3.914489
HS20_serv_inv	BOBJ1	48	132.265	Before	Interior Girder 3	8.425	0.95	1	1	3.835278
HS20_serv_inv	BOBJ1	48	132.265	Before	Interior Girder 4	8.425	0.95	1	1	3.835278
HS20_serv_inv	BOBJ1	48	132.265	Before	Interior Girder 5	8.425	0.95	1	1	3.914489
HS20_serv_inv	BOBJ1	48	132.265	Before	Interior Girder 6	8.425	0.95	1	1	3.937313
HS20_serv_inv	BOBJ1	48	132.265	Before	Right Exterior Girder	8.425	0.95	1	1	3.740456
HS20_serv_inv	BOBJ1	49	132.265	After	Left Exterior Girder	8.425	0.95	1	1	3.658348
HS20_serv_inv	BOBJ1	49	132.265	After	Interior Girder 1	8.425	0.95	1	1	4.00547
HS20_serv_inv	BOBJ1	49	132.265	After	Interior Girder 2	8.425	0.95	1	1	3.950648
HS20_serv_inv	BOBJ1	49	132.265	After	Interior Girder 3	8.425	0.95	1	1	3.847457
HS20_serv_inv	BOBJ1	49	132.265	After	Interior Girder 4	8.425	0.95	1	1	3.847457
HS20_serv_inv	BOBJ1	49	132.265	After	Interior Girder 5	8.425	0.95	1	1	3.950648
HS20_serv_inv	BOBJ1	49	132.265	After	Interior Girder 6	8.425	0.95	1	1	4.00547
HS20_serv_inv	BOBJ1	49	132.265	After	Right Exterior Girder	8.425	0.95	1	1	3.658348
HS20_serv_inv	BOBJ1	50	140.69	Before	Left Exterior Girder	16.85	0.95	1	1	5.500688
HS20_serv_inv	BOBJ1	50	140.69	Before	Interior Girder 1	16.85	0.95	1	1	4.929756
HS20_serv_inv	BOBJ1	50	140.69	Before	Interior Girder 2	16.85	0.95	1	1	4.532247
HS20_serv_inv	BOBJ1	50	140.69	Before	Interior Girder 3	16.85	0.95	1	1	4.415654
HS20_serv_inv	BOBJ1	50	140.69	Before	Interior Girder 4	16.85	0.95	1	1	4.415654
HS20_serv_inv	BOBJ1	50	140.69	Before	Interior Girder 5	16.85	0.95	1	1	4.532247
HS20_serv_inv	BOBJ1	50	140.69	Before	Interior Girder 6	16.85	0.95	1	1	4.929756
HS20_serv_inv	BOBJ1	50	140.69	Before	Right Exterior Girder	16.85	0.95	1	1	5.500688
HS20_serv_inv	BOBJ1	51	140.69	After	Left Exterior Girder	16.85	0.95	1	1	5.645891
HS20_serv_inv	BOBJ1	51	140.69	After	Interior Girder 1	16.85	0.95	1	1	4.85131
HS20_serv_inv	BOBJ1	51	140.69	After	Interior Girder 2	16.85	0.95	1	1	4.532705
HS20_serv_inv	BOBJ1	51	140.69	After	Interior Girder 3	16.85	0.95	1	1	4.486998
HS20_serv_inv	BOBJ1	51	140.69	After	Interior Girder 4	16.85	0.95	1	1	4.486998
HS20_serv_inv	BOBJ1	51	140.69	After	Interior Girder 5	16.85	0.95	1	1	4.532705
HS20_serv_inv	BOBJ1	51	140.69	After	Interior Girder 6	16.85	0.95	1	1	4.85131
HS20_serv_inv	BOBJ1	51	140.69	After	Right Exterior Girder	16.85	0.95	1	1	5.645891
HS20_serv_inv	BOBJ1	52	149.115	Before	Left Exterior Girder	25.275	0.95	1	1	3.483775
HS20_serv_inv	BOBJ1	52	149.115	Before	Interior Girder 1	25.275	0.95	1	1	2.991349
HS20_serv_inv	BOBJ1	52	149.115	Before	Interior Girder 2	25.275	0.95	1	1	2.896238

TABLE: Bridge Super Rating AASHTORATE18 31 - SteelICompServ-Flx - Approach, Span 7-11										
Request	BridgeObj	BridgeCut	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	Unitless	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
HS20_serv_inv	BOBJ1	52	149.115	Before	Interior Girder 3	25.275	0.95	1	1	2.820943
HS20_serv_inv	BOBJ1	52	149.115	Before	Interior Girder 4	25.275	0.95	1	1	2.820943
HS20_serv_inv	BOBJ1	52	149.115	Before	Interior Girder 5	25.275	0.95	1	1	2.896238
HS20_serv_inv	BOBJ1	52	149.115	Before	Interior Girder 6	25.275	0.95	1	1	2.991349
HS20_serv_inv	BOBJ1	52	149.115	Before	Right Exterior Girder	25.275	0.95	1	1	3.483775
HS20_serv_inv	BOBJ1	53	149.115	After	Left Exterior Girder	25.275	0.95	1	1	3.532554
HS20_serv_inv	BOBJ1	53	149.115	After	Interior Girder 1	25.275	0.95	1	1	2.973552
HS20_serv_inv	BOBJ1	53	149.115	After	Interior Girder 2	25.275	0.95	1	1	2.896099
HS20_serv_inv	BOBJ1	53	149.115	After	Interior Girder 3	25.275	0.95	1	1	2.849611
HS20_serv_inv	BOBJ1	53	149.115	After	Interior Girder 4	25.275	0.95	1	1	2.849611
HS20_serv_inv	BOBJ1	53	149.115	After	Interior Girder 5	25.275	0.95	1	1	2.896099
HS20_serv_inv	BOBJ1	53	149.115	After	Interior Girder 6	25.275	0.95	1	1	2.973552
HS20_serv_inv	BOBJ1	53	149.115	After	Right Exterior Girder	25.275	0.95	1	1	3.532554
HS20_serv_inv	BOBJ1	54	157.54	Before	Left Exterior Girder	33.7	0.95	1	1	2.87822
HS20_serv_inv	BOBJ1	54	157.54	Before	Interior Girder 1	33.7	0.95	1	1	2.828651
HS20_serv_inv	BOBJ1	54	157.54	Before	Interior Girder 2	33.7	0.95	1	1	2.768154
HS20_serv_inv	BOBJ1	54	157.54	Before	Interior Girder 3	33.7	0.95	1	1	2.781553
HS20_serv_inv	BOBJ1	54	157.54	Before	Interior Girder 4	33.7	0.95	1	1	2.781553
HS20_serv_inv	BOBJ1	54	157.54	Before	Interior Girder 5	33.7	0.95	1	1	2.768154
HS20_serv_inv	BOBJ1	54	157.54	Before	Interior Girder 6	33.7	0.95	1	1	2.828651
HS20_serv_inv	BOBJ1	54	157.54	Before	Right Exterior Girder	33.7	0.95	1	1	2.87822
HS20_serv_inv	BOBJ1	55	157.54	After	Left Exterior Girder	33.7	0.95	1	1	2.878562
HS20_serv_inv	BOBJ1	55	157.54	After	Interior Girder 1	33.7	0.95	1	1	2.828618
HS20_serv_inv	BOBJ1	55	157.54	After	Interior Girder 2	33.7	0.95	1	1	2.768055
HS20_serv_inv	BOBJ1	55	157.54	After	Interior Girder 3	33.7	0.95	1	1	2.781668
HS20_serv_inv	BOBJ1	55	157.54	After	Interior Girder 4	33.7	0.95	1	1	2.781668
HS20_serv_inv	BOBJ1	55	157.54	After	Interior Girder 5	33.7	0.95	1	1	2.768055
HS20_serv_inv	BOBJ1	55	157.54	After	Interior Girder 6	33.7	0.95	1	1	2.828618
HS20_serv_inv	BOBJ1	55	157.54	After	Right Exterior Girder	33.7	0.95	1	1	2.878562
HS20_serv_inv	BOBJ1	56	165.965	Before	Left Exterior Girder	42.125	0.95	1	1	3.52964
HS20_serv_inv	BOBJ1	56	165.965	Before	Interior Girder 1	42.125	0.95	1	1	2.972309
HS20_serv_inv	BOBJ1	56	165.965	Before	Interior Girder 2	42.125	0.95	1	1	2.894932
HS20_serv_inv	BOBJ1	56	165.965	Before	Interior Girder 3	42.125	0.95	1	1	2.848271
HS20_serv_inv	BOBJ1	56	165.965	Before	Interior Girder 4	42.125	0.95	1	1	2.848271
HS20_serv_inv	BOBJ1	56	165.965	Before	Interior Girder 5	42.125	0.95	1	1	2.894932
HS20_serv_inv	BOBJ1	56	165.965	Before	Interior Girder 6	42.125	0.95	1	1	2.972309
HS20_serv_inv	BOBJ1	56	165.965	Before	Right Exterior Girder	42.125	0.95	1	1	3.52964
HS20_serv_inv	BOBJ1	57	165.965	After	Left Exterior Girder	42.125	0.95	1	1	3.481262
HS20_serv_inv	BOBJ1	57	165.965	After	Interior Girder 1	42.125	0.95	1	1	2.989989
HS20_serv_inv	BOBJ1	57	165.965	After	Interior Girder 2	42.125	0.95	1	1	2.895043
HS20_serv_inv	BOBJ1	57	165.965	After	Interior Girder 3	42.125	0.95	1	1	2.81973
HS20_serv_inv	BOBJ1	57	165.965	After	Interior Girder 4	42.125	0.95	1	1	2.81973
HS20_serv_inv	BOBJ1	57	165.965	After	Interior Girder 5	42.125	0.95	1	1	2.895043
HS20_serv_inv	BOBJ1	57	165.965	After	Interior Girder 6	42.125	0.95	1	1	2.989989
HS20_serv_inv	BOBJ1	57	165.965	After	Right Exterior Girder	42.125	0.95	1	1	3.481262
HS20_serv_inv	BOBJ1	58	174.39	Before	Left Exterior Girder	50.55	0.95	1	1	5.634051
HS20_serv_inv	BOBJ1	58	174.39	Before	Interior Girder 1	50.55	0.95	1	1	4.845645
HS20_serv_inv	BOBJ1	58	174.39	Before	Interior Girder 2	50.55	0.95	1	1	4.52805
HS20_serv_inv	BOBJ1	58	174.39	Before	Interior Girder 3	50.55	0.95	1	1	4.481551
HS20_serv_inv	BOBJ1	58	174.39	Before	Interior Girder 4	50.55	0.95	1	1	4.481551
HS20_serv_inv	BOBJ1	58	174.39	Before	Interior Girder 5	50.55	0.95	1	1	4.52805
HS20_serv_inv	BOBJ1	58	174.39	Before	Interior Girder 6	50.55	0.95	1	1	4.845645
HS20_serv_inv	BOBJ1	58	174.39	Before	Right Exterior Girder	50.55	0.95	1	1	5.634051
HS20_serv_inv	BOBJ1	59	174.39	After	Left Exterior Girder	50.55	0.95	1	1	5.489568
HS20_serv_inv	BOBJ1	59	174.39	After	Interior Girder 1	50.55	0.95	1	1	4.9241
HS20_serv_inv	BOBJ1	59	174.39	After	Interior Girder 2	50.55	0.95	1	1	4.527679
HS20_serv_inv	BOBJ1	59	174.39	After	Interior Girder 3	50.55	0.95	1	1	4.410432
HS20_serv_inv	BOBJ1	59	174.39	After	Interior Girder 4	50.55	0.95	1	1	4.410432
HS20_serv_inv	BOBJ1	59	174.39	After	Interior Girder 5	50.55	0.95	1	1	4.527679
HS20_serv_inv	BOBJ1	59	174.39	After	Interior Girder 6	50.55	0.95	1	1	4.9241
HS20_serv_inv	BOBJ1	59	174.39	After	Right Exterior Girder	50.55	0.95	1	1	5.489568
HS20_serv_inv	BOBJ1	60	182.825	Before	Left Exterior Girder	58.985	0.95	1	1	3.662145
HS20_serv_inv	BOBJ1	60	182.825	Before	Interior Girder 1	58.985	0.95	1	1	4.003886
HS20_serv_inv	BOBJ1	60	182.825	Before	Interior Girder 2	58.985	0.95	1	1	3.948546
HS20_serv_inv	BOBJ1	60	182.825	Before	Interior Girder 3	58.985	0.95	1	1	3.84963
HS20_serv_inv	BOBJ1	60	182.825	Before	Interior Girder 4	58.985	0.95	1	1	3.84963
HS20_serv_inv	BOBJ1	60	182.825	Before	Interior Girder 5	58.985	0.95	1	1	3.948546
HS20_serv_inv	BOBJ1	60	182.825	Before	Interior Girder 6	58.985	0.95	1	1	4.003886
HS20_serv_inv	BOBJ1	60	182.825	Before	Right Exterior Girder	58.985	0.95	1	1	3.662145
HS20_serv_inv	BOBJ1	61	182.825	After	Left Exterior Girder	58.985	0.95	1	1	3.744534
HS20_serv_inv	BOBJ1	61	182.825	After	Interior Girder 1	58.985	0.95	1	1	3.935758
HS20_serv_inv	BOBJ1	61	182.825	After	Interior Girder 2	58.985	0.95	1	1	3.912285
HS20_serv_inv	BOBJ1	61	182.825	After	Interior Girder 3	58.985	0.95	1	1	3.837805

TABLE: Bridge Super Rating AASHTORATE18 31 - SteelICompServ-Flx - Approach, Span 7-11										
Request	BridgeObj	BridgeCut	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	Unitless	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
HS20_serv_inv	BOBJ1	61	182.825	After	Interior Girder 4	58.985	0.95	1	1	3.837805
HS20_serv_inv	BOBJ1	61	182.825	After	Interior Girder 5	58.985	0.95	1	1	3.912285
HS20_serv_inv	BOBJ1	61	182.825	After	Interior Girder 6	58.985	0.95	1	1	3.935758
HS20_serv_inv	BOBJ1	61	182.825	After	Right Exterior Girder	58.985	0.95	1	1	3.744534
HS20_serv_inv	BOBJ1	62	183.76	Before	Left Exterior Girder	59.92	0.95	1	1	3.475672
HS20_serv_inv	BOBJ1	62	183.76	Before	Right Exterior Girder	59.92	0.95	1	1	3.475672
HS20_serv_inv	BOBJ1	63	183.76	After	Left Exterior Girder	59.92	0.95	1	1	6.90229
HS20_serv_inv	BOBJ1	63	183.76	After	Right Exterior Girder	59.92	0.95	1	1	6.90229
HS20_serv_inv	BOBJ1	64	186.26	Before	Interior Girder 1	62.42	0.95	1	1	3.328792
HS20_serv_inv	BOBJ1	64	186.26	Before	Interior Girder 2	62.42	0.95	1	1	3.281223
HS20_serv_inv	BOBJ1	64	186.26	Before	Interior Girder 3	62.42	0.95	1	1	3.09542
HS20_serv_inv	BOBJ1	64	186.26	Before	Interior Girder 4	62.42	0.95	1	1	3.09542
HS20_serv_inv	BOBJ1	64	186.26	Before	Interior Girder 5	62.42	0.95	1	1	3.281223
HS20_serv_inv	BOBJ1	64	186.26	Before	Interior Girder 6	62.42	0.95	1	1	3.328792
HS20_serv_inv	BOBJ1	65	186.26	After	Interior Girder 1	62.42	0.95	1	1	4.643837
HS20_serv_inv	BOBJ1	65	186.26	After	Interior Girder 2	62.42	0.95	1	1	4.482731
HS20_serv_inv	BOBJ1	65	186.26	After	Interior Girder 3	62.42	0.95	1	1	4.258362
HS20_serv_inv	BOBJ1	65	186.26	After	Interior Girder 4	62.42	0.95	1	1	4.258362
HS20_serv_inv	BOBJ1	65	186.26	After	Interior Girder 5	62.42	0.95	1	1	4.482731
HS20_serv_inv	BOBJ1	65	186.26	After	Interior Girder 6	62.42	0.95	1	1	4.643837
HS20_serv_inv	BOBJ1	66	191.26	Before	Left Exterior Girder	67.42	0.95	1	1	4.437393
HS20_serv_inv	BOBJ1	66	191.26	Before	Interior Girder 1	67.42	0.95	1	1	3.253314
HS20_serv_inv	BOBJ1	66	191.26	Before	Interior Girder 2	67.42	0.95	1	1	3.106263
HS20_serv_inv	BOBJ1	66	191.26	Before	Interior Girder 3	67.42	0.95	1	1	2.596043
HS20_serv_inv	BOBJ1	66	191.26	Before	Interior Girder 4	67.42	0.95	1	1	2.596043
HS20_serv_inv	BOBJ1	66	191.26	Before	Interior Girder 5	67.42	0.95	1	1	3.106263
HS20_serv_inv	BOBJ1	66	191.26	Before	Interior Girder 6	67.42	0.95	1	1	3.253314
HS20_serv_inv	BOBJ1	66	191.26	Before	Right Exterior Girder	67.42	0.95	1	1	4.437393
HS20_serv_inv	BOBJ1	67	191.26	After	Left Exterior Girder	0	0.95	1	1	4.469785
HS20_serv_inv	BOBJ1	67	191.26	After	Interior Girder 1	0	0.95	1	1	3.31385
HS20_serv_inv	BOBJ1	67	191.26	After	Interior Girder 2	0	0.95	1	1	3.130086
HS20_serv_inv	BOBJ1	67	191.26	After	Interior Girder 3	0	0.95	1	1	2.603091
HS20_serv_inv	BOBJ1	67	191.26	After	Interior Girder 4	0	0.95	1	1	2.603091
HS20_serv_inv	BOBJ1	67	191.26	After	Interior Girder 5	0	0.95	1	1	3.130086
HS20_serv_inv	BOBJ1	67	191.26	After	Interior Girder 6	0	0.95	1	1	3.31385
HS20_serv_inv	BOBJ1	67	191.26	After	Right Exterior Girder	0	0.95	1	1	4.469785
HS20_serv_inv	BOBJ1	68	196.26	Before	Interior Girder 1	5	0.95	1	1	4.54825
HS20_serv_inv	BOBJ1	68	196.26	Before	Interior Girder 2	5	0.95	1	1	4.409436
HS20_serv_inv	BOBJ1	68	196.26	Before	Interior Girder 3	5	0.95	1	1	4.199517
HS20_serv_inv	BOBJ1	68	196.26	Before	Interior Girder 4	5	0.95	1	1	4.199517
HS20_serv_inv	BOBJ1	68	196.26	Before	Interior Girder 5	5	0.95	1	1	4.409436
HS20_serv_inv	BOBJ1	68	196.26	Before	Interior Girder 6	5	0.95	1	1	4.54825
HS20_serv_inv	BOBJ1	69	196.26	After	Interior Girder 1	5	0.95	1	1	3.255867
HS20_serv_inv	BOBJ1	69	196.26	After	Interior Girder 2	5	0.95	1	1	3.22632
HS20_serv_inv	BOBJ1	69	196.26	After	Interior Girder 3	5	0.95	1	1	3.041788
HS20_serv_inv	BOBJ1	69	196.26	After	Interior Girder 4	5	0.95	1	1	3.041788
HS20_serv_inv	BOBJ1	69	196.26	After	Interior Girder 5	5	0.95	1	1	3.22632
HS20_serv_inv	BOBJ1	69	196.26	After	Interior Girder 6	5	0.95	1	1	3.255867
HS20_serv_inv	BOBJ1	70	198.76	Before	Left Exterior Girder	7.5	0.95	1	1	6.739847
HS20_serv_inv	BOBJ1	70	198.76	Before	Right Exterior Girder	7.5	0.95	1	1	6.739847
HS20_serv_inv	BOBJ1	71	198.76	After	Left Exterior Girder	7.5	0.95	1	1	3.394914
HS20_serv_inv	BOBJ1	71	198.76	After	Right Exterior Girder	7.5	0.95	1	1	3.394914
HS20_serv_inv	BOBJ1	72	199.685	Before	Left Exterior Girder	8.425	0.95	1	1	3.642554
HS20_serv_inv	BOBJ1	72	199.685	Before	Interior Girder 1	8.425	0.95	1	1	3.846977
HS20_serv_inv	BOBJ1	72	199.685	Before	Interior Girder 2	8.425	0.95	1	1	3.843399
HS20_serv_inv	BOBJ1	72	199.685	Before	Interior Girder 3	8.425	0.95	1	1	3.767446
HS20_serv_inv	BOBJ1	72	199.685	Before	Interior Girder 4	8.425	0.95	1	1	3.767446
HS20_serv_inv	BOBJ1	72	199.685	Before	Interior Girder 5	8.425	0.95	1	1	3.843399
HS20_serv_inv	BOBJ1	72	199.685	Before	Interior Girder 6	8.425	0.95	1	1	3.846977
HS20_serv_inv	BOBJ1	72	199.685	Before	Right Exterior Girder	8.425	0.95	1	1	3.642554
HS20_serv_inv	BOBJ1	73	199.685	After	Left Exterior Girder	8.425	0.95	1	1	3.562372
HS20_serv_inv	BOBJ1	73	199.685	After	Interior Girder 1	8.425	0.95	1	1	3.914281
HS20_serv_inv	BOBJ1	73	199.685	After	Interior Girder 2	8.425	0.95	1	1	3.878472
HS20_serv_inv	BOBJ1	73	199.685	After	Interior Girder 3	8.425	0.95	1	1	3.77813
HS20_serv_inv	BOBJ1	73	199.685	After	Interior Girder 4	8.425	0.95	1	1	3.77813
HS20_serv_inv	BOBJ1	73	199.685	After	Interior Girder 5	8.425	0.95	1	1	3.878472
HS20_serv_inv	BOBJ1	73	199.685	After	Interior Girder 6	8.425	0.95	1	1	3.914281
HS20_serv_inv	BOBJ1	73	199.685	After	Right Exterior Girder	8.425	0.95	1	1	3.562372
HS20_serv_inv	BOBJ1	74	208.11	Before	Left Exterior Girder	16.85	0.95	1	1	5.459377
HS20_serv_inv	BOBJ1	74	208.11	Before	Interior Girder 1	16.85	0.95	1	1	4.919942
HS20_serv_inv	BOBJ1	74	208.11	Before	Interior Girder 2	16.85	0.95	1	1	4.521141
HS20_serv_inv	BOBJ1	74	208.11	Before	Interior Girder 3	16.85	0.95	1	1	4.401639
HS20_serv_inv	BOBJ1	74	208.11	Before	Interior Girder 4	16.85	0.95	1	1	4.401639

TABLE: Bridge Super Rating AASHTORATE18 31 - SteelICompServ-Flx - Approach, Span 7-11										
Request	BridgeObj	BridgeCut	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	Unitless	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
HS20_serv_inv	BOBJ1	74	208.11	Before	Interior Girder 5	16.85	0.95	1	1	4.521141
HS20_serv_inv	BOBJ1	74	208.11	Before	Interior Girder 6	16.85	0.95	1	1	4.919942
HS20_serv_inv	BOBJ1	74	208.11	Before	Right Exterior Girder	16.85	0.95	1	1	5.459377
HS20_serv_inv	BOBJ1	75	208.11	After	Left Exterior Girder	16.85	0.95	1	1	5.600489
HS20_serv_inv	BOBJ1	75	208.11	After	Interior Girder 1	16.85	0.95	1	1	4.840719
HS20_serv_inv	BOBJ1	75	208.11	After	Interior Girder 2	16.85	0.95	1	1	4.522385
HS20_serv_inv	BOBJ1	75	208.11	After	Interior Girder 3	16.85	0.95	1	1	4.473512
HS20_serv_inv	BOBJ1	75	208.11	After	Interior Girder 4	16.85	0.95	1	1	4.473512
HS20_serv_inv	BOBJ1	75	208.11	After	Interior Girder 5	16.85	0.95	1	1	4.522385
HS20_serv_inv	BOBJ1	75	208.11	After	Interior Girder 6	16.85	0.95	1	1	4.840719
HS20_serv_inv	BOBJ1	75	208.11	After	Right Exterior Girder	16.85	0.95	1	1	5.600489
HS20_serv_inv	BOBJ1	76	216.535	Before	Left Exterior Girder	25.275	0.95	1	1	3.50007
HS20_serv_inv	BOBJ1	76	216.535	Before	Interior Girder 1	25.275	0.95	1	1	3.007663
HS20_serv_inv	BOBJ1	76	216.535	Before	Interior Girder 2	25.275	0.95	1	1	2.906
HS20_serv_inv	BOBJ1	76	216.535	Before	Interior Girder 3	25.275	0.95	1	1	2.823589
HS20_serv_inv	BOBJ1	76	216.535	Before	Interior Girder 4	25.275	0.95	1	1	2.823589
HS20_serv_inv	BOBJ1	76	216.535	Before	Interior Girder 5	25.275	0.95	1	1	2.906
HS20_serv_inv	BOBJ1	76	216.535	Before	Interior Girder 6	25.275	0.95	1	1	3.007663
HS20_serv_inv	BOBJ1	76	216.535	Before	Right Exterior Girder	25.275	0.95	1	1	3.50007
HS20_serv_inv	BOBJ1	77	216.535	After	Left Exterior Girder	25.275	0.95	1	1	3.54693
HS20_serv_inv	BOBJ1	77	216.535	After	Interior Girder 1	25.275	0.95	1	1	2.989287
HS20_serv_inv	BOBJ1	77	216.535	After	Interior Girder 2	25.275	0.95	1	1	2.906688
HS20_serv_inv	BOBJ1	77	216.535	After	Interior Girder 3	25.275	0.95	1	1	2.852597
HS20_serv_inv	BOBJ1	77	216.535	After	Interior Girder 4	25.275	0.95	1	1	2.852597
HS20_serv_inv	BOBJ1	77	216.535	After	Interior Girder 5	25.275	0.95	1	1	2.906688
HS20_serv_inv	BOBJ1	77	216.535	After	Interior Girder 6	25.275	0.95	1	1	2.989287
HS20_serv_inv	BOBJ1	77	216.535	After	Right Exterior Girder	25.275	0.95	1	1	3.54693
HS20_serv_inv	BOBJ1	78	224.96	Before	Left Exterior Girder	33.7	0.95	1	1	2.919831
HS20_serv_inv	BOBJ1	78	224.96	Before	Interior Girder 1	33.7	0.95	1	1	2.866406
HS20_serv_inv	BOBJ1	78	224.96	Before	Interior Girder 2	33.7	0.95	1	1	2.788936
HS20_serv_inv	BOBJ1	78	224.96	Before	Interior Girder 3	33.7	0.95	1	1	2.792982
HS20_serv_inv	BOBJ1	78	224.96	Before	Interior Girder 4	33.7	0.95	1	1	2.792982
HS20_serv_inv	BOBJ1	78	224.96	Before	Interior Girder 5	33.7	0.95	1	1	2.788936
HS20_serv_inv	BOBJ1	78	224.96	Before	Interior Girder 6	33.7	0.95	1	1	2.866406
HS20_serv_inv	BOBJ1	78	224.96	Before	Right Exterior Girder	33.7	0.95	1	1	2.919831
HS20_serv_inv	BOBJ1	79	224.96	After	Left Exterior Girder	33.7	0.95	1	1	2.91664
HS20_serv_inv	BOBJ1	79	224.96	After	Interior Girder 1	33.7	0.95	1	1	2.867318
HS20_serv_inv	BOBJ1	79	224.96	After	Interior Girder 2	33.7	0.95	1	1	2.792029
HS20_serv_inv	BOBJ1	79	224.96	After	Interior Girder 3	33.7	0.95	1	1	2.794382
HS20_serv_inv	BOBJ1	79	224.96	After	Interior Girder 4	33.7	0.95	1	1	2.794382
HS20_serv_inv	BOBJ1	79	224.96	After	Interior Girder 5	33.7	0.95	1	1	2.792029
HS20_serv_inv	BOBJ1	79	224.96	After	Interior Girder 6	33.7	0.95	1	1	2.867318
HS20_serv_inv	BOBJ1	79	224.96	After	Right Exterior Girder	33.7	0.95	1	1	2.91664
HS20_serv_inv	BOBJ1	80	233.385	Before	Left Exterior Girder	42.125	0.95	1	1	3.636089
HS20_serv_inv	BOBJ1	80	233.385	Before	Interior Girder 1	42.125	0.95	1	1	3.028397
HS20_serv_inv	BOBJ1	80	233.385	Before	Interior Girder 2	42.125	0.95	1	1	2.932904
HS20_serv_inv	BOBJ1	80	233.385	Before	Interior Girder 3	42.125	0.95	1	1	2.875799
HS20_serv_inv	BOBJ1	80	233.385	Before	Interior Girder 4	42.125	0.95	1	1	2.875799
HS20_serv_inv	BOBJ1	80	233.385	Before	Interior Girder 5	42.125	0.95	1	1	2.932904
HS20_serv_inv	BOBJ1	80	233.385	Before	Interior Girder 6	42.125	0.95	1	1	3.028397
HS20_serv_inv	BOBJ1	80	233.385	Before	Right Exterior Girder	42.125	0.95	1	1	3.636089
HS20_serv_inv	BOBJ1	81	233.385	After	Left Exterior Girder	42.125	0.95	1	1	3.580338
HS20_serv_inv	BOBJ1	81	233.385	After	Interior Girder 1	42.125	0.95	1	1	3.04991
HS20_serv_inv	BOBJ1	81	233.385	After	Interior Girder 2	42.125	0.95	1	1	2.934219
HS20_serv_inv	BOBJ1	81	233.385	After	Interior Girder 3	42.125	0.95	1	1	2.84718
HS20_serv_inv	BOBJ1	81	233.385	After	Interior Girder 4	42.125	0.95	1	1	2.84718
HS20_serv_inv	BOBJ1	81	233.385	After	Interior Girder 5	42.125	0.95	1	1	2.934219
HS20_serv_inv	BOBJ1	81	233.385	After	Interior Girder 6	42.125	0.95	1	1	3.04991
HS20_serv_inv	BOBJ1	81	233.385	After	Right Exterior Girder	42.125	0.95	1	1	3.580338
HS20_serv_inv	BOBJ1	82	241.81	Before	Left Exterior Girder	50.55	0.95	1	1	5.920578
HS20_serv_inv	BOBJ1	82	241.81	Before	Interior Girder 1	50.55	0.95	1	1	4.97224
HS20_serv_inv	BOBJ1	82	241.81	Before	Interior Girder 2	50.55	0.95	1	1	4.604453
HS20_serv_inv	BOBJ1	82	241.81	Before	Interior Girder 3	50.55	0.95	1	1	4.523237
HS20_serv_inv	BOBJ1	82	241.81	Before	Interior Girder 4	50.55	0.95	1	1	4.523237
HS20_serv_inv	BOBJ1	82	241.81	Before	Interior Girder 5	50.55	0.95	1	1	4.604453
HS20_serv_inv	BOBJ1	82	241.81	Before	Interior Girder 6	50.55	0.95	1	1	4.97224
HS20_serv_inv	BOBJ1	82	241.81	Before	Right Exterior Girder	50.55	0.95	1	1	5.920578
HS20_serv_inv	BOBJ1	83	241.81	After	Left Exterior Girder	50.55	0.95	1	1	5.786664
HS20_serv_inv	BOBJ1	83	241.81	After	Interior Girder 1	50.55	0.95	1	1	5.051001
HS20_serv_inv	BOBJ1	83	241.81	After	Interior Girder 2	50.55	0.95	1	1	4.628427
HS20_serv_inv	BOBJ1	83	241.81	After	Interior Girder 3	50.55	0.95	1	1	4.491617
HS20_serv_inv	BOBJ1	83	241.81	After	Interior Girder 4	50.55	0.95	1	1	4.491617
HS20_serv_inv	BOBJ1	83	241.81	After	Interior Girder 5	50.55	0.95	1	1	4.628427

TABLE: Bridge Super Rating AASHTORATE18 31 - SteelICompServ-Flx - Approach, Span 7-11										
Request	BridgeObj	BridgeCut	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	Unitless	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
HS20_serv_inv	BOBJ1	83	241.81	After	Interior Girder 6	50.55	0.95	1	1	5.051001
HS20_serv_inv	BOBJ1	83	241.81	After	Right Exterior Girder	50.55	0.95	1	1	5.786664
HS20_serv_inv	BOBJ1	84	245.18	Before	Left Exterior Girder	53.92	0.95	1	1	5.445412
HS20_serv_inv	BOBJ1	84	245.18	Before	Interior Girder 1	53.92	0.95	1	1	5.549065
HS20_serv_inv	BOBJ1	84	245.18	Before	Interior Girder 2	53.92	0.95	1	1	5.443519
HS20_serv_inv	BOBJ1	84	245.18	Before	Interior Girder 3	53.92	0.95	1	1	5.558218
HS20_serv_inv	BOBJ1	84	245.18	Before	Interior Girder 4	53.92	0.95	1	1	5.558218
HS20_serv_inv	BOBJ1	84	245.18	Before	Interior Girder 5	53.92	0.95	1	1	5.443519
HS20_serv_inv	BOBJ1	84	245.18	Before	Interior Girder 6	53.92	0.95	1	1	5.549065
HS20_serv_inv	BOBJ1	84	245.18	Before	Right Exterior Girder	53.92	0.95	1	1	5.445412
HS20_serv_inv	BOBJ1	85	245.18	After	Left Exterior Girder	53.92	0.95	1	1	6.335955
HS20_serv_inv	BOBJ1	85	245.18	After	Interior Girder 1	53.92	0.95	1	1	5.936899
HS20_serv_inv	BOBJ1	85	245.18	After	Interior Girder 2	53.92	0.95	1	1	5.804467
HS20_serv_inv	BOBJ1	85	245.18	After	Interior Girder 3	53.92	0.95	1	1	5.949298
HS20_serv_inv	BOBJ1	85	245.18	After	Interior Girder 4	53.92	0.95	1	1	5.949298
HS20_serv_inv	BOBJ1	85	245.18	After	Interior Girder 5	53.92	0.95	1	1	5.804467
HS20_serv_inv	BOBJ1	85	245.18	After	Interior Girder 6	53.92	0.95	1	1	5.936899
HS20_serv_inv	BOBJ1	85	245.18	After	Right Exterior Girder	53.92	0.95	1	1	6.335955
HS20_serv_inv	BOBJ1	86	250.245	Before	Left Exterior Girder	58.985	0.95	1	1	4.807689
HS20_serv_inv	BOBJ1	86	250.245	Before	Interior Girder 1	58.985	0.95	1	1	4.775073
HS20_serv_inv	BOBJ1	86	250.245	Before	Interior Girder 2	58.985	0.95	1	1	4.549976
HS20_serv_inv	BOBJ1	86	250.245	Before	Interior Girder 3	58.985	0.95	1	1	4.395729
HS20_serv_inv	BOBJ1	86	250.245	Before	Interior Girder 4	58.985	0.95	1	1	4.395729
HS20_serv_inv	BOBJ1	86	250.245	Before	Interior Girder 5	58.985	0.95	1	1	4.549976
HS20_serv_inv	BOBJ1	86	250.245	Before	Interior Girder 6	58.985	0.95	1	1	4.775073
HS20_serv_inv	BOBJ1	86	250.245	Before	Right Exterior Girder	58.985	0.95	1	1	4.807689
HS20_serv_inv	BOBJ1	87	250.245	After	Left Exterior Girder	58.985	0.95	1	1	4.850274
HS20_serv_inv	BOBJ1	87	250.245	After	Interior Girder 1	58.985	0.95	1	1	4.725607
HS20_serv_inv	BOBJ1	87	250.245	After	Interior Girder 2	58.985	0.95	1	1	4.503725
HS20_serv_inv	BOBJ1	87	250.245	After	Interior Girder 3	58.985	0.95	1	1	4.367129
HS20_serv_inv	BOBJ1	87	250.245	After	Interior Girder 4	58.985	0.95	1	1	4.367129
HS20_serv_inv	BOBJ1	87	250.245	After	Interior Girder 5	58.985	0.95	1	1	4.503725
HS20_serv_inv	BOBJ1	87	250.245	After	Interior Girder 6	58.985	0.95	1	1	4.725607
HS20_serv_inv	BOBJ1	87	250.245	After	Right Exterior Girder	58.985	0.95	1	1	4.850274
HS20_serv_inv	BOBJ1	88	251.68	Before	Left Exterior Girder	60.42	0.95	1	1	4.433504
HS20_serv_inv	BOBJ1	88	251.68	Before	Right Exterior Girder	60.42	0.95	1	1	4.433504
HS20_serv_inv	BOBJ1	89	251.68	After	Left Exterior Girder	60.42	0.95	1	1	7.694855
HS20_serv_inv	BOBJ1	89	251.68	After	Right Exterior Girder	60.42	0.95	1	1	7.694855
HS20_serv_inv	BOBJ1	90	254.18	Before	Interior Girder 1	62.92	0.95	1	1	3.86964
HS20_serv_inv	BOBJ1	90	254.18	Before	Interior Girder 2	62.92	0.95	1	1	3.692756
HS20_serv_inv	BOBJ1	90	254.18	Before	Interior Girder 3	62.92	0.95	1	1	3.370383
HS20_serv_inv	BOBJ1	90	254.18	Before	Interior Girder 4	62.92	0.95	1	1	3.370383
HS20_serv_inv	BOBJ1	90	254.18	Before	Interior Girder 5	62.92	0.95	1	1	3.692756
HS20_serv_inv	BOBJ1	90	254.18	Before	Interior Girder 6	62.92	0.95	1	1	3.86964
HS20_serv_inv	BOBJ1	91	254.18	After	Interior Girder 1	62.92	0.95	1	1	4.727651
HS20_serv_inv	BOBJ1	91	254.18	After	Interior Girder 2	62.92	0.95	1	1	4.427153
HS20_serv_inv	BOBJ1	91	254.18	After	Interior Girder 3	62.92	0.95	1	1	4.060168
HS20_serv_inv	BOBJ1	91	254.18	After	Interior Girder 4	62.92	0.95	1	1	4.060168
HS20_serv_inv	BOBJ1	91	254.18	After	Interior Girder 5	62.92	0.95	1	1	4.427153
HS20_serv_inv	BOBJ1	91	254.18	After	Interior Girder 6	62.92	0.95	1	1	4.727651
HS20_serv_inv	BOBJ1	92	258.68	Before	Left Exterior Girder	67.42	0.95	1	1	4.342301
HS20_serv_inv	BOBJ1	92	258.68	Before	Interior Girder 1	67.42	0.95	1	1	2.964113
HS20_serv_inv	BOBJ1	92	258.68	Before	Interior Girder 2	67.42	0.95	1	1	2.829381
HS20_serv_inv	BOBJ1	92	258.68	Before	Interior Girder 3	67.42	0.95	1	1	2.396316
HS20_serv_inv	BOBJ1	92	258.68	Before	Interior Girder 4	67.42	0.95	1	1	2.396316
HS20_serv_inv	BOBJ1	92	258.68	Before	Interior Girder 5	67.42	0.95	1	1	2.829381
HS20_serv_inv	BOBJ1	92	258.68	Before	Interior Girder 6	67.42	0.95	1	1	2.964113
HS20_serv_inv	BOBJ1	92	258.68	Before	Right Exterior Girder	67.42	0.95	1	1	4.342301
HS20_serv_inv	BOBJ1	93	258.68	After	Left Exterior Girder	0	0.95	1	1	4.428077
HS20_serv_inv	BOBJ1	93	258.68	After	Interior Girder 1	0	0.95	1	1	3.086072
HS20_serv_inv	BOBJ1	93	258.68	After	Interior Girder 2	0	0.95	1	1	2.939475
HS20_serv_inv	BOBJ1	93	258.68	After	Interior Girder 3	0	0.95	1	1	2.436388
HS20_serv_inv	BOBJ1	93	258.68	After	Interior Girder 4	0	0.95	1	1	2.436388
HS20_serv_inv	BOBJ1	93	258.68	After	Interior Girder 5	0	0.95	1	1	2.939475
HS20_serv_inv	BOBJ1	93	258.68	After	Interior Girder 6	0	0.95	1	1	3.086072
HS20_serv_inv	BOBJ1	93	258.68	After	Right Exterior Girder	0	0.95	1	1	4.428077
HS20_serv_inv	BOBJ1	94	263.18	Before	Interior Girder 1	4.5	0.95	1	1	4.084784
HS20_serv_inv	BOBJ1	94	263.18	Before	Interior Girder 2	4.5	0.95	1	1	3.928469
HS20_serv_inv	BOBJ1	94	263.18	Before	Interior Girder 3	4.5	0.95	1	1	3.717307
HS20_serv_inv	BOBJ1	94	263.18	Before	Interior Girder 4	4.5	0.95	1	1	3.717307
HS20_serv_inv	BOBJ1	94	263.18	Before	Interior Girder 5	4.5	0.95	1	1	3.928469
HS20_serv_inv	BOBJ1	94	263.18	Before	Interior Girder 6	4.5	0.95	1	1	4.084784
HS20_serv_inv	BOBJ1	95	263.18	After	Interior Girder 1	4.5	0.95	1	1	3.330808

TABLE: Bridge Super Rating AASHTORATE18 31 - SteelICompServ-Flx - Approach, Span 7-11										
Request	BridgeObj	BridgeCut	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	Unitless	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
HS20_serv_inv	BOBJ1	95	263.18	After	Interior Girder 2	4.5	0.95	1	1	3.27445
HS20_serv_inv	BOBJ1	95	263.18	After	Interior Girder 3	4.5	0.95	1	1	3.077576
HS20_serv_inv	BOBJ1	95	263.18	After	Interior Girder 4	4.5	0.95	1	1	3.077576
HS20_serv_inv	BOBJ1	95	263.18	After	Interior Girder 5	4.5	0.95	1	1	3.27445
HS20_serv_inv	BOBJ1	95	263.18	After	Interior Girder 6	4.5	0.95	1	1	3.330808
HS20_serv_inv	BOBJ1	96	265.68	Before	Left Exterior Girder	7	0.95	1	1	6.254957
HS20_serv_inv	BOBJ1	96	265.68	Before	Right Exterior Girder	7	0.95	1	1	6.254957
HS20_serv_inv	BOBJ1	97	265.68	After	Left Exterior Girder	7	0.95	1	1	3.62216
HS20_serv_inv	BOBJ1	97	265.68	After	Right Exterior Girder	7	0.95	1	1	3.62216
HS20_serv_inv	BOBJ1	98	268.08	Before	Left Exterior Girder	9.4	0.95	1	1	4.225163
HS20_serv_inv	BOBJ1	98	268.08	Before	Interior Girder 1	9.4	0.95	1	1	4.211526
HS20_serv_inv	BOBJ1	98	268.08	Before	Interior Girder 2	9.4	0.95	1	1	4.175197
HS20_serv_inv	BOBJ1	98	268.08	Before	Interior Girder 3	9.4	0.95	1	1	4.116929
HS20_serv_inv	BOBJ1	98	268.08	Before	Interior Girder 4	9.4	0.95	1	1	4.116929
HS20_serv_inv	BOBJ1	98	268.08	Before	Interior Girder 5	9.4	0.95	1	1	4.175197
HS20_serv_inv	BOBJ1	98	268.08	Before	Interior Girder 6	9.4	0.95	1	1	4.211526
HS20_serv_inv	BOBJ1	98	268.08	Before	Right Exterior Girder	9.4	0.95	1	1	4.225163
HS20_serv_inv	BOBJ1	99	268.08	After	Left Exterior Girder	9.4	0.95	1	1	4.143706
HS20_serv_inv	BOBJ1	99	268.08	After	Interior Girder 1	9.4	0.95	1	1	4.277206
HS20_serv_inv	BOBJ1	99	268.08	After	Interior Girder 2	9.4	0.95	1	1	4.225754
HS20_serv_inv	BOBJ1	99	268.08	After	Interior Girder 3	9.4	0.95	1	1	4.135637
HS20_serv_inv	BOBJ1	99	268.08	After	Interior Girder 4	9.4	0.95	1	1	4.135637
HS20_serv_inv	BOBJ1	99	268.08	After	Interior Girder 5	9.4	0.95	1	1	4.225754
HS20_serv_inv	BOBJ1	99	268.08	After	Interior Girder 6	9.4	0.95	1	1	4.277206
HS20_serv_inv	BOBJ1	99	268.08	After	Right Exterior Girder	9.4	0.95	1	1	4.143706
HS20_serv_inv	BOBJ1	100	277.48	Before	Left Exterior Girder	18.8	0.95	1	1	4.684784
HS20_serv_inv	BOBJ1	100	277.48	Before	Interior Girder 1	18.8	0.95	1	1	4.265464
HS20_serv_inv	BOBJ1	100	277.48	Before	Interior Girder 2	18.8	0.95	1	1	3.921639
HS20_serv_inv	BOBJ1	100	277.48	Before	Interior Girder 3	18.8	0.95	1	1	3.82405
HS20_serv_inv	BOBJ1	100	277.48	Before	Interior Girder 4	18.8	0.95	1	1	3.82405
HS20_serv_inv	BOBJ1	100	277.48	Before	Interior Girder 5	18.8	0.95	1	1	3.921639
HS20_serv_inv	BOBJ1	100	277.48	Before	Interior Girder 6	18.8	0.95	1	1	4.265464
HS20_serv_inv	BOBJ1	100	277.48	Before	Right Exterior Girder	18.8	0.95	1	1	4.684784
HS20_serv_inv	BOBJ1	101	277.48	After	Left Exterior Girder	18.8	0.95	1	1	4.779325
HS20_serv_inv	BOBJ1	101	277.48	After	Interior Girder 1	18.8	0.95	1	1	4.19907
HS20_serv_inv	BOBJ1	101	277.48	After	Interior Girder 2	18.8	0.95	1	1	3.931261
HS20_serv_inv	BOBJ1	101	277.48	After	Interior Girder 3	18.8	0.95	1	1	3.87485
HS20_serv_inv	BOBJ1	101	277.48	After	Interior Girder 4	18.8	0.95	1	1	3.87485
HS20_serv_inv	BOBJ1	101	277.48	After	Interior Girder 5	18.8	0.95	1	1	3.931261
HS20_serv_inv	BOBJ1	101	277.48	After	Interior Girder 6	18.8	0.95	1	1	4.19907
HS20_serv_inv	BOBJ1	101	277.48	After	Right Exterior Girder	18.8	0.95	1	1	4.779325
HS20_serv_inv	BOBJ1	102	286.88	Before	Left Exterior Girder	28.2	0.95	1	1	3.409917
HS20_serv_inv	BOBJ1	102	286.88	Before	Interior Girder 1	28.2	0.95	1	1	2.794671
HS20_serv_inv	BOBJ1	102	286.88	Before	Interior Girder 2	28.2	0.95	1	1	2.680427
HS20_serv_inv	BOBJ1	102	286.88	Before	Interior Girder 3	28.2	0.95	1	1	2.588759
HS20_serv_inv	BOBJ1	102	286.88	Before	Interior Girder 4	28.2	0.95	1	1	2.588759
HS20_serv_inv	BOBJ1	102	286.88	Before	Interior Girder 5	28.2	0.95	1	1	2.680427
HS20_serv_inv	BOBJ1	102	286.88	Before	Interior Girder 6	28.2	0.95	1	1	2.794671
HS20_serv_inv	BOBJ1	102	286.88	Before	Right Exterior Girder	28.2	0.95	1	1	3.409917
HS20_serv_inv	BOBJ1	103	286.88	After	Left Exterior Girder	28.2	0.95	1	1	3.421189
HS20_serv_inv	BOBJ1	103	286.88	After	Interior Girder 1	28.2	0.95	1	1	2.792305
HS20_serv_inv	BOBJ1	103	286.88	After	Interior Girder 2	28.2	0.95	1	1	2.689806
HS20_serv_inv	BOBJ1	103	286.88	After	Interior Girder 3	28.2	0.95	1	1	2.606443
HS20_serv_inv	BOBJ1	103	286.88	After	Interior Girder 4	28.2	0.95	1	1	2.606443
HS20_serv_inv	BOBJ1	103	286.88	After	Interior Girder 5	28.2	0.95	1	1	2.689806
HS20_serv_inv	BOBJ1	103	286.88	After	Interior Girder 6	28.2	0.95	1	1	2.792305
HS20_serv_inv	BOBJ1	103	286.88	After	Right Exterior Girder	28.2	0.95	1	1	3.421189
HS20_serv_inv	BOBJ1	104	296.28	Before	Left Exterior Girder	37.6	0.95	1	1	3.161012
HS20_serv_inv	BOBJ1	104	296.28	Before	Interior Girder 1	37.6	0.95	1	1	2.934004
HS20_serv_inv	BOBJ1	104	296.28	Before	Interior Girder 2	37.6	0.95	1	1	2.797256
HS20_serv_inv	BOBJ1	104	296.28	Before	Interior Girder 3	37.6	0.95	1	1	2.779895
HS20_serv_inv	BOBJ1	104	296.28	Before	Interior Girder 4	37.6	0.95	1	1	2.779895
HS20_serv_inv	BOBJ1	104	296.28	Before	Interior Girder 5	37.6	0.95	1	1	2.797256
HS20_serv_inv	BOBJ1	104	296.28	Before	Interior Girder 6	37.6	0.95	1	1	2.934004
HS20_serv_inv	BOBJ1	104	296.28	Before	Right Exterior Girder	37.6	0.95	1	1	3.161012
HS20_serv_inv	BOBJ1	105	296.28	After	Left Exterior Girder	37.6	0.95	1	1	3.125719
HS20_serv_inv	BOBJ1	105	296.28	After	Interior Girder 1	37.6	0.95	1	1	2.960044
HS20_serv_inv	BOBJ1	105	296.28	After	Interior Girder 2	37.6	0.95	1	1	2.792394
HS20_serv_inv	BOBJ1	105	296.28	After	Interior Girder 3	37.6	0.95	1	1	2.75937
HS20_serv_inv	BOBJ1	105	296.28	After	Interior Girder 4	37.6	0.95	1	1	2.75937
HS20_serv_inv	BOBJ1	105	296.28	After	Interior Girder 5	37.6	0.95	1	1	2.792394
HS20_serv_inv	BOBJ1	105	296.28	After	Interior Girder 6	37.6	0.95	1	1	2.960044
HS20_serv_inv	BOBJ1	105	296.28	After	Right Exterior Girder	37.6	0.95	1	1	3.125719

TABLE: Bridge Super Rating AASHTORATE18 31 - SteelICompServ-Flx - Approach, Span 7-11										
Request	BridgeObj	BridgeCut	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	Unitless	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
HS20_serv_inv	BOBJ1	106	305.69	Before	Left Exterior Girder	47.01	0.95	1	1	5.450981
HS20_serv_inv	BOBJ1	106	305.69	Before	Interior Girder 1	47.01	0.95	1	1	3.912668
HS20_serv_inv	BOBJ1	106	305.69	Before	Interior Girder 2	47.01	0.95	1	1	3.74444
HS20_serv_inv	BOBJ1	106	305.69	Before	Interior Girder 3	47.01	0.95	1	1	3.554876
HS20_serv_inv	BOBJ1	106	305.69	Before	Interior Girder 4	47.01	0.95	1	1	3.554876
HS20_serv_inv	BOBJ1	106	305.69	Before	Interior Girder 5	47.01	0.95	1	1	3.74444
HS20_serv_inv	BOBJ1	106	305.69	Before	Interior Girder 6	47.01	0.95	1	1	3.912668
HS20_serv_inv	BOBJ1	106	305.69	Before	Right Exterior Girder	47.01	0.95	1	1	5.450981
HS20_serv_inv	BOBJ1	107	305.69	After	Left Exterior Girder	47.01	0.95	1	1	5.430393
HS20_serv_inv	BOBJ1	107	305.69	After	Interior Girder 1	47.01	0.95	1	1	3.923265
HS20_serv_inv	BOBJ1	107	305.69	After	Interior Girder 2	47.01	0.95	1	1	3.673547
HS20_serv_inv	BOBJ1	107	305.69	After	Interior Girder 3	47.01	0.95	1	1	3.425112
HS20_serv_inv	BOBJ1	107	305.69	After	Interior Girder 4	47.01	0.95	1	1	3.425112
HS20_serv_inv	BOBJ1	107	305.69	After	Interior Girder 5	47.01	0.95	1	1	3.673547
HS20_serv_inv	BOBJ1	107	305.69	After	Interior Girder 6	47.01	0.95	1	1	3.923265
HS20_serv_inv	BOBJ1	107	305.69	After	Right Exterior Girder	47.01	0.95	1	1	5.430393
HS20_serv_inv	BOBJ1	108	315.1	Before	Left Exterior Girder	56.42	0.95	1	1	296.758068
HS20_serv_inv	BOBJ1	108	315.1	Before	Interior Girder 1	56.42	0.95	1	1	376.926028
HS20_serv_inv	BOBJ1	108	315.1	Before	Interior Girder 2	56.42	0.95	1	1	191.991277
HS20_serv_inv	BOBJ1	108	315.1	Before	Interior Girder 3	56.42	0.95	1	1	140.238409
HS20_serv_inv	BOBJ1	108	315.1	Before	Interior Girder 4	56.42	0.95	1	1	140.238409
HS20_serv_inv	BOBJ1	108	315.1	Before	Interior Girder 5	56.42	0.95	1	1	191.991278
HS20_serv_inv	BOBJ1	108	315.1	Before	Interior Girder 6	56.42	0.95	1	1	376.926027
HS20_serv_inv	BOBJ1	108	315.1	Before	Right Exterior Girder	56.42	0.95	1	1	296.758069
HS15_serv_opr	BOBJ1	1	0	After	Left Exterior Girder	0	0.95	1	1	490.793716
HS15_serv_opr	BOBJ1	1	0	After	Interior Girder 1	0	0.95	1	1	593.845784
HS15_serv_opr	BOBJ1	1	0	After	Interior Girder 2	0	0.95	1	1	339.656417
HS15_serv_opr	BOBJ1	1	0	After	Interior Girder 3	0	0.95	1	1	237.765512
HS15_serv_opr	BOBJ1	1	0	After	Interior Girder 4	0	0.95	1	1	237.765512
HS15_serv_opr	BOBJ1	1	0	After	Interior Girder 5	0	0.95	1	1	339.656416
HS15_serv_opr	BOBJ1	1	0	After	Interior Girder 6	0	0.95	1	1	593.845791
HS15_serv_opr	BOBJ1	1	0	After	Right Exterior Girder	0	0.95	1	1	490.793716
HS15_serv_opr	BOBJ1	2	9.4	Before	Left Exterior Girder	9.4	0.95	1	1	9.365106
HS15_serv_opr	BOBJ1	2	9.4	Before	Interior Girder 1	9.4	0.95	1	1	6.782006
HS15_serv_opr	BOBJ1	2	9.4	Before	Interior Girder 2	9.4	0.95	1	1	6.355189
HS15_serv_opr	BOBJ1	2	9.4	Before	Interior Girder 3	9.4	0.95	1	1	5.931487
HS15_serv_opr	BOBJ1	2	9.4	Before	Interior Girder 4	9.4	0.95	1	1	5.931487
HS15_serv_opr	BOBJ1	2	9.4	Before	Interior Girder 5	9.4	0.95	1	1	6.355189
HS15_serv_opr	BOBJ1	2	9.4	Before	Interior Girder 6	9.4	0.95	1	1	6.782006
HS15_serv_opr	BOBJ1	2	9.4	Before	Right Exterior Girder	9.4	0.95	1	1	9.365106
HS15_serv_opr	BOBJ1	3	9.4	After	Left Exterior Girder	9.4	0.95	1	1	9.40562
HS15_serv_opr	BOBJ1	3	9.4	After	Interior Girder 1	9.4	0.95	1	1	6.761068
HS15_serv_opr	BOBJ1	3	9.4	After	Interior Girder 2	9.4	0.95	1	1	6.477972
HS15_serv_opr	BOBJ1	3	9.4	After	Interior Girder 3	9.4	0.95	1	1	6.156334
HS15_serv_opr	BOBJ1	3	9.4	After	Interior Girder 4	9.4	0.95	1	1	6.156334
HS15_serv_opr	BOBJ1	3	9.4	After	Interior Girder 5	9.4	0.95	1	1	6.477972
HS15_serv_opr	BOBJ1	3	9.4	After	Interior Girder 6	9.4	0.95	1	1	6.761068
HS15_serv_opr	BOBJ1	3	9.4	After	Right Exterior Girder	9.4	0.95	1	1	9.40562
HS15_serv_opr	BOBJ1	4	18.8	Before	Left Exterior Girder	18.8	0.95	1	1	5.403198
HS15_serv_opr	BOBJ1	4	18.8	Before	Interior Girder 1	18.8	0.95	1	1	5.111155
HS15_serv_opr	BOBJ1	4	18.8	Before	Interior Girder 2	18.8	0.95	1	1	4.830529
HS15_serv_opr	BOBJ1	4	18.8	Before	Interior Girder 3	18.8	0.95	1	1	4.778734
HS15_serv_opr	BOBJ1	4	18.8	Before	Interior Girder 4	18.8	0.95	1	1	4.778734
HS15_serv_opr	BOBJ1	4	18.8	Before	Interior Girder 5	18.8	0.95	1	1	4.830529
HS15_serv_opr	BOBJ1	4	18.8	Before	Interior Girder 6	18.8	0.95	1	1	5.111155
HS15_serv_opr	BOBJ1	4	18.8	Before	Right Exterior Girder	18.8	0.95	1	1	5.403198
HS15_serv_opr	BOBJ1	5	18.8	After	Left Exterior Girder	18.8	0.95	1	1	5.463477
HS15_serv_opr	BOBJ1	5	18.8	After	Interior Girder 1	18.8	0.95	1	1	5.067532
HS15_serv_opr	BOBJ1	5	18.8	After	Interior Girder 2	18.8	0.95	1	1	4.838456
HS15_serv_opr	BOBJ1	5	18.8	After	Interior Girder 3	18.8	0.95	1	1	4.813695
HS15_serv_opr	BOBJ1	5	18.8	After	Interior Girder 4	18.8	0.95	1	1	4.813695
HS15_serv_opr	BOBJ1	5	18.8	After	Interior Girder 5	18.8	0.95	1	1	4.838456
HS15_serv_opr	BOBJ1	5	18.8	After	Interior Girder 6	18.8	0.95	1	1	5.067532
HS15_serv_opr	BOBJ1	5	18.8	After	Right Exterior Girder	18.8	0.95	1	1	5.463477
HS15_serv_opr	BOBJ1	6	28.2	Before	Left Exterior Girder	28.2	0.95	1	1	5.918681
HS15_serv_opr	BOBJ1	6	28.2	Before	Interior Girder 1	28.2	0.95	1	1	4.826819
HS15_serv_opr	BOBJ1	6	28.2	Before	Interior Girder 2	28.2	0.95	1	1	4.653263
HS15_serv_opr	BOBJ1	6	28.2	Before	Interior Girder 3	28.2	0.95	1	1	4.512111
HS15_serv_opr	BOBJ1	6	28.2	Before	Interior Girder 4	28.2	0.95	1	1	4.512111
HS15_serv_opr	BOBJ1	6	28.2	Before	Interior Girder 5	28.2	0.95	1	1	4.653263
HS15_serv_opr	BOBJ1	6	28.2	Before	Interior Girder 6	28.2	0.95	1	1	4.826819
HS15_serv_opr	BOBJ1	6	28.2	Before	Right Exterior Girder	28.2	0.95	1	1	5.918681
HS15_serv_opr	BOBJ1	7	28.2	After	Left Exterior Girder	28.2	0.95	1	1	5.899007

TABLE: Bridge Super Rating AASHTORATE18 31 - SteelICompServ-Flx - Approach, Span 7-11										
Request	BridgeObj	BridgeCut	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	Unitless	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
HS15_serv_opr	BOBJ1	7	28.2	After	Interior Girder 1	28.2	0.95	1	1	4.830475
HS15_serv_opr	BOBJ1	7	28.2	After	Interior Girder 2	28.2	0.95	1	1	4.637011
HS15_serv_opr	BOBJ1	7	28.2	After	Interior Girder 3	28.2	0.95	1	1	4.481715
HS15_serv_opr	BOBJ1	7	28.2	After	Interior Girder 4	28.2	0.95	1	1	4.481715
HS15_serv_opr	BOBJ1	7	28.2	After	Interior Girder 5	28.2	0.95	1	1	4.637011
HS15_serv_opr	BOBJ1	7	28.2	After	Interior Girder 6	28.2	0.95	1	1	4.830475
HS15_serv_opr	BOBJ1	7	28.2	After	Right Exterior Girder	28.2	0.95	1	1	5.899007
HS15_serv_opr	BOBJ1	8	37.6	Before	Left Exterior Girder	37.6	0.95	1	1	8.271906
HS15_serv_opr	BOBJ1	8	37.6	Before	Interior Girder 1	37.6	0.95	1	1	7.261573
HS15_serv_opr	BOBJ1	8	37.6	Before	Interior Girder 2	37.6	0.95	1	1	6.800639
HS15_serv_opr	BOBJ1	8	37.6	Before	Interior Girder 3	37.6	0.95	1	1	6.704732
HS15_serv_opr	BOBJ1	8	37.6	Before	Interior Girder 4	37.6	0.95	1	1	6.704732
HS15_serv_opr	BOBJ1	8	37.6	Before	Interior Girder 5	37.6	0.95	1	1	6.800639
HS15_serv_opr	BOBJ1	8	37.6	Before	Interior Girder 6	37.6	0.95	1	1	7.261573
HS15_serv_opr	BOBJ1	8	37.6	Before	Right Exterior Girder	37.6	0.95	1	1	8.271906
HS15_serv_opr	BOBJ1	9	37.6	After	Left Exterior Girder	37.6	0.95	1	1	8.107959
HS15_serv_opr	BOBJ1	9	37.6	After	Interior Girder 1	37.6	0.95	1	1	7.375399
HS15_serv_opr	BOBJ1	9	37.6	After	Interior Girder 2	37.6	0.95	1	1	6.784385
HS15_serv_opr	BOBJ1	9	37.6	After	Interior Girder 3	37.6	0.95	1	1	6.617624
HS15_serv_opr	BOBJ1	9	37.6	After	Interior Girder 4	37.6	0.95	1	1	6.617624
HS15_serv_opr	BOBJ1	9	37.6	After	Interior Girder 5	37.6	0.95	1	1	6.784385
HS15_serv_opr	BOBJ1	9	37.6	After	Interior Girder 6	37.6	0.95	1	1	7.375399
HS15_serv_opr	BOBJ1	9	37.6	After	Right Exterior Girder	37.6	0.95	1	1	8.107959
HS15_serv_opr	BOBJ1	10	47.01	Before	Left Exterior Girder	47.01	0.95	1	1	7.182136
HS15_serv_opr	BOBJ1	10	47.01	Before	Interior Girder 1	47.01	0.95	1	1	7.414344
HS15_serv_opr	BOBJ1	10	47.01	Before	Interior Girder 2	47.01	0.95	1	1	7.32488
HS15_serv_opr	BOBJ1	10	47.01	Before	Interior Girder 3	47.01	0.95	1	1	7.174875
HS15_serv_opr	BOBJ1	10	47.01	Before	Interior Girder 4	47.01	0.95	1	1	7.174875
HS15_serv_opr	BOBJ1	10	47.01	Before	Interior Girder 5	47.01	0.95	1	1	7.32488
HS15_serv_opr	BOBJ1	10	47.01	Before	Interior Girder 6	47.01	0.95	1	1	7.414344
HS15_serv_opr	BOBJ1	10	47.01	Before	Right Exterior Girder	47.01	0.95	1	1	7.182136
HS15_serv_opr	BOBJ1	11	47.01	After	Left Exterior Girder	47.01	0.95	1	1	7.323222
HS15_serv_opr	BOBJ1	11	47.01	After	Interior Girder 1	47.01	0.95	1	1	7.301617
HS15_serv_opr	BOBJ1	11	47.01	After	Interior Girder 2	47.01	0.95	1	1	7.236779
HS15_serv_opr	BOBJ1	11	47.01	After	Interior Girder 3	47.01	0.95	1	1	7.142519
HS15_serv_opr	BOBJ1	11	47.01	After	Interior Girder 4	47.01	0.95	1	1	7.142519
HS15_serv_opr	BOBJ1	11	47.01	After	Interior Girder 5	47.01	0.95	1	1	7.236779
HS15_serv_opr	BOBJ1	11	47.01	After	Interior Girder 6	47.01	0.95	1	1	7.301617
HS15_serv_opr	BOBJ1	11	47.01	After	Right Exterior Girder	47.01	0.95	1	1	7.323222
HS15_serv_opr	BOBJ1	12	49.42	Before	Left Exterior Girder	49.42	0.95	1	1	6.253173
HS15_serv_opr	BOBJ1	12	49.42	Before	Right Exterior Girder	49.42	0.95	1	1	6.253173
HS15_serv_opr	BOBJ1	13	49.42	After	Left Exterior Girder	49.42	0.95	1	1	10.80993
HS15_serv_opr	BOBJ1	13	49.42	After	Right Exterior Girder	49.42	0.95	1	1	10.80993
HS15_serv_opr	BOBJ1	14	51.92	Before	Interior Girder 1	51.92	0.95	1	1	5.765034
HS15_serv_opr	BOBJ1	14	51.92	Before	Interior Girder 2	51.92	0.95	1	1	5.669017
HS15_serv_opr	BOBJ1	14	51.92	Before	Interior Girder 3	51.92	0.95	1	1	5.335949
HS15_serv_opr	BOBJ1	14	51.92	Before	Interior Girder 4	51.92	0.95	1	1	5.335949
HS15_serv_opr	BOBJ1	14	51.92	Before	Interior Girder 5	51.92	0.95	1	1	5.669017
HS15_serv_opr	BOBJ1	14	51.92	Before	Interior Girder 6	51.92	0.95	1	1	5.765034
HS15_serv_opr	BOBJ1	15	51.92	After	Interior Girder 1	51.92	0.95	1	1	7.071346
HS15_serv_opr	BOBJ1	15	51.92	After	Interior Girder 2	51.92	0.95	1	1	6.801908
HS15_serv_opr	BOBJ1	15	51.92	After	Interior Girder 3	51.92	0.95	1	1	6.445902
HS15_serv_opr	BOBJ1	15	51.92	After	Interior Girder 4	51.92	0.95	1	1	6.445902
HS15_serv_opr	BOBJ1	15	51.92	After	Interior Girder 5	51.92	0.95	1	1	6.801908
HS15_serv_opr	BOBJ1	15	51.92	After	Interior Girder 6	51.92	0.95	1	1	7.071346
HS15_serv_opr	BOBJ1	16	56.42	Before	Left Exterior Girder	56.42	0.95	1	1	7.66777
HS15_serv_opr	BOBJ1	16	56.42	Before	Interior Girder 1	56.42	0.95	1	1	5.335056
HS15_serv_opr	BOBJ1	16	56.42	Before	Interior Girder 2	56.42	0.95	1	1	5.083533
HS15_serv_opr	BOBJ1	16	56.42	Before	Interior Girder 3	56.42	0.95	1	1	4.221329
HS15_serv_opr	BOBJ1	16	56.42	Before	Interior Girder 4	56.42	0.95	1	1	4.221329
HS15_serv_opr	BOBJ1	16	56.42	Before	Interior Girder 5	56.42	0.95	1	1	5.083533
HS15_serv_opr	BOBJ1	16	56.42	Before	Interior Girder 6	56.42	0.95	1	1	5.335056
HS15_serv_opr	BOBJ1	16	56.42	Before	Right Exterior Girder	56.42	0.95	1	1	7.66777
HS15_serv_opr	BOBJ1	17	56.42	After	Left Exterior Girder	0	0.95	1	1	7.503942
HS15_serv_opr	BOBJ1	17	56.42	After	Interior Girder 1	0	0.95	1	1	5.13706
HS15_serv_opr	BOBJ1	17	56.42	After	Interior Girder 2	0	0.95	1	1	4.909108
HS15_serv_opr	BOBJ1	17	56.42	After	Interior Girder 3	0	0.95	1	1	4.149849
HS15_serv_opr	BOBJ1	17	56.42	After	Interior Girder 4	0	0.95	1	1	4.149849
HS15_serv_opr	BOBJ1	17	56.42	After	Interior Girder 5	0	0.95	1	1	4.909108
HS15_serv_opr	BOBJ1	17	56.42	After	Interior Girder 6	0	0.95	1	1	5.13706
HS15_serv_opr	BOBJ1	17	56.42	After	Right Exterior Girder	0	0.95	1	1	7.503942
HS15_serv_opr	BOBJ1	18	60.92	Before	Interior Girder 1	4.5	0.95	1	1	8.192409
HS15_serv_opr	BOBJ1	18	60.92	Before	Interior Girder 2	4.5	0.95	1	1	7.676994

TABLE: Bridge Super Rating AASHTORATE18 31 - SteelICompServ-Flx - Approach, Span 7-11										
Request	BridgeObj	BridgeCut	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	Unitless	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
HS15_serv_opr	BOBJ1	18	60.92	Before	Interior Girder 3	4.5	0.95	1	1	7.030599
HS15_serv_opr	BOBJ1	18	60.92	Before	Interior Girder 4	4.5	0.95	1	1	7.030599
HS15_serv_opr	BOBJ1	18	60.92	Before	Interior Girder 5	4.5	0.95	1	1	7.676994
HS15_serv_opr	BOBJ1	18	60.92	Before	Interior Girder 6	4.5	0.95	1	1	8.192409
HS15_serv_opr	BOBJ1	19	60.92	After	Interior Girder 1	4.5	0.95	1	1	6.70411
HS15_serv_opr	BOBJ1	19	60.92	After	Interior Girder 2	4.5	0.95	1	1	6.402996
HS15_serv_opr	BOBJ1	19	60.92	After	Interior Girder 3	4.5	0.95	1	1	5.836881
HS15_serv_opr	BOBJ1	19	60.92	After	Interior Girder 4	4.5	0.95	1	1	5.836881
HS15_serv_opr	BOBJ1	19	60.92	After	Interior Girder 5	4.5	0.95	1	1	6.402996
HS15_serv_opr	BOBJ1	19	60.92	After	Interior Girder 6	4.5	0.95	1	1	6.70411
HS15_serv_opr	BOBJ1	20	63.42	Before	Left Exterior Girder	7	0.95	1	1	13.313623
HS15_serv_opr	BOBJ1	20	63.42	Before	Right Exterior Girder	7	0.95	1	1	13.313623
HS15_serv_opr	BOBJ1	21	63.42	After	Left Exterior Girder	7	0.95	1	1	7.662819
HS15_serv_opr	BOBJ1	21	63.42	After	Right Exterior Girder	7	0.95	1	1	7.662819
HS15_serv_opr	BOBJ1	22	64.845	Before	Left Exterior Girder	8.425	0.95	1	1	8.380637
HS15_serv_opr	BOBJ1	22	64.845	Before	Interior Girder 1	8.425	0.95	1	1	8.182411
HS15_serv_opr	BOBJ1	22	64.845	Before	Interior Girder 2	8.425	0.95	1	1	7.804625
HS15_serv_opr	BOBJ1	22	64.845	Before	Interior Girder 3	8.425	0.95	1	1	7.560395
HS15_serv_opr	BOBJ1	22	64.845	Before	Interior Girder 4	8.425	0.95	1	1	7.560395
HS15_serv_opr	BOBJ1	22	64.845	Before	Interior Girder 5	8.425	0.95	1	1	7.804625
HS15_serv_opr	BOBJ1	22	64.845	Before	Interior Girder 6	8.425	0.95	1	1	8.182411
HS15_serv_opr	BOBJ1	22	64.845	Before	Right Exterior Girder	8.425	0.95	1	1	8.380637
HS15_serv_opr	BOBJ1	23	64.845	After	Left Exterior Girder	8.425	0.95	1	1	8.306756
HS15_serv_opr	BOBJ1	23	64.845	After	Interior Girder 1	8.425	0.95	1	1	8.268801
HS15_serv_opr	BOBJ1	23	64.845	After	Interior Girder 2	8.425	0.95	1	1	7.884823
HS15_serv_opr	BOBJ1	23	64.845	After	Interior Girder 3	8.425	0.95	1	1	7.61072
HS15_serv_opr	BOBJ1	23	64.845	After	Interior Girder 4	8.425	0.95	1	1	7.61072
HS15_serv_opr	BOBJ1	23	64.845	After	Interior Girder 5	8.425	0.95	1	1	7.884823
HS15_serv_opr	BOBJ1	23	64.845	After	Interior Girder 6	8.425	0.95	1	1	8.268801
HS15_serv_opr	BOBJ1	23	64.845	After	Right Exterior Girder	8.425	0.95	1	1	8.306756
HS15_serv_opr	BOBJ1	24	69.92	Before	Left Exterior Girder	13.5	0.95	1	1	10.963435
HS15_serv_opr	BOBJ1	24	69.92	Before	Interior Girder 1	13.5	0.95	1	1	10.283874
HS15_serv_opr	BOBJ1	24	69.92	Before	Interior Girder 2	13.5	0.95	1	1	10.06216
HS15_serv_opr	BOBJ1	24	69.92	Before	Interior Girder 3	13.5	0.95	1	1	10.309249
HS15_serv_opr	BOBJ1	24	69.92	Before	Interior Girder 4	13.5	0.95	1	1	10.309249
HS15_serv_opr	BOBJ1	24	69.92	Before	Interior Girder 5	13.5	0.95	1	1	10.06216
HS15_serv_opr	BOBJ1	24	69.92	Before	Interior Girder 6	13.5	0.95	1	1	10.283874
HS15_serv_opr	BOBJ1	24	69.92	Before	Right Exterior Girder	13.5	0.95	1	1	10.963435
HS15_serv_opr	BOBJ1	25	69.92	After	Left Exterior Girder	13.5	0.95	1	1	9.420526
HS15_serv_opr	BOBJ1	25	69.92	After	Interior Girder 1	13.5	0.95	1	1	9.611254
HS15_serv_opr	BOBJ1	25	69.92	After	Interior Girder 2	13.5	0.95	1	1	9.436172
HS15_serv_opr	BOBJ1	25	69.92	After	Interior Girder 3	13.5	0.95	1	1	9.631772
HS15_serv_opr	BOBJ1	25	69.92	After	Interior Girder 4	13.5	0.95	1	1	9.631772
HS15_serv_opr	BOBJ1	25	69.92	After	Interior Girder 5	13.5	0.95	1	1	9.436172
HS15_serv_opr	BOBJ1	25	69.92	After	Interior Girder 6	13.5	0.95	1	1	9.611254
HS15_serv_opr	BOBJ1	25	69.92	After	Right Exterior Girder	13.5	0.95	1	1	9.420526
HS15_serv_opr	BOBJ1	26	73.27	Before	Left Exterior Girder	16.85	0.95	1	1	10.066111
HS15_serv_opr	BOBJ1	26	73.27	Before	Interior Girder 1	16.85	0.95	1	1	8.775987
HS15_serv_opr	BOBJ1	26	73.27	Before	Interior Girder 2	16.85	0.95	1	1	8.037132
HS15_serv_opr	BOBJ1	26	73.27	Before	Interior Girder 3	16.85	0.95	1	1	7.799589
HS15_serv_opr	BOBJ1	26	73.27	Before	Interior Girder 4	16.85	0.95	1	1	7.799589
HS15_serv_opr	BOBJ1	26	73.27	Before	Interior Girder 5	16.85	0.95	1	1	8.037132
HS15_serv_opr	BOBJ1	26	73.27	Before	Interior Girder 6	16.85	0.95	1	1	8.775987
HS15_serv_opr	BOBJ1	26	73.27	Before	Right Exterior Girder	16.85	0.95	1	1	10.066111
HS15_serv_opr	BOBJ1	27	73.27	After	Left Exterior Girder	16.85	0.95	1	1	10.300417
HS15_serv_opr	BOBJ1	27	73.27	After	Interior Girder 1	16.85	0.95	1	1	8.638669
HS15_serv_opr	BOBJ1	27	73.27	After	Interior Girder 2	16.85	0.95	1	1	7.995144
HS15_serv_opr	BOBJ1	27	73.27	After	Interior Girder 3	16.85	0.95	1	1	7.854308
HS15_serv_opr	BOBJ1	27	73.27	After	Interior Girder 4	16.85	0.95	1	1	7.854308
HS15_serv_opr	BOBJ1	27	73.27	After	Interior Girder 5	16.85	0.95	1	1	7.995144
HS15_serv_opr	BOBJ1	27	73.27	After	Interior Girder 6	16.85	0.95	1	1	8.638669
HS15_serv_opr	BOBJ1	27	73.27	After	Right Exterior Girder	16.85	0.95	1	1	10.300417
HS15_serv_opr	BOBJ1	28	81.695	Before	Left Exterior Girder	25.275	0.95	1	1	6.217446
HS15_serv_opr	BOBJ1	28	81.695	Before	Interior Girder 1	25.275	0.95	1	1	5.293845
HS15_serv_opr	BOBJ1	28	81.695	Before	Interior Girder 2	25.275	0.95	1	1	5.091324
HS15_serv_opr	BOBJ1	28	81.695	Before	Interior Girder 3	25.275	0.95	1	1	4.939576
HS15_serv_opr	BOBJ1	28	81.695	Before	Interior Girder 4	25.275	0.95	1	1	4.939576
HS15_serv_opr	BOBJ1	28	81.695	Before	Interior Girder 5	25.275	0.95	1	1	5.091324
HS15_serv_opr	BOBJ1	28	81.695	Before	Interior Girder 6	25.275	0.95	1	1	5.293845
HS15_serv_opr	BOBJ1	28	81.695	Before	Right Exterior Girder	25.275	0.95	1	1	6.217446
HS15_serv_opr	BOBJ1	29	81.695	After	Left Exterior Girder	25.275	0.95	1	1	6.31547
HS15_serv_opr	BOBJ1	29	81.695	After	Interior Girder 1	25.275	0.95	1	1	5.2562
HS15_serv_opr	BOBJ1	29	81.695	After	Interior Girder 2	25.275	0.95	1	1	5.08881

TABLE: Bridge Super Rating AASHTORATE18 31 - SteelICompServ-Flx - Approach, Span 7-11										
Request	BridgeObj	BridgeCut	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	Unitless	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
HS15_serv_opr	BOBJ1	29	81.695	After	Interior Girder 3	25.275	0.95	1	1	4.989315
HS15_serv_opr	BOBJ1	29	81.695	After	Interior Girder 4	25.275	0.95	1	1	4.989315
HS15_serv_opr	BOBJ1	29	81.695	After	Interior Girder 5	25.275	0.95	1	1	5.08881
HS15_serv_opr	BOBJ1	29	81.695	After	Interior Girder 6	25.275	0.95	1	1	5.2562
HS15_serv_opr	BOBJ1	29	81.695	After	Right Exterior Girder	25.275	0.95	1	1	6.31547
HS15_serv_opr	BOBJ1	30	90.12	Before	Left Exterior Girder	33.7	0.95	1	1	5.057974
HS15_serv_opr	BOBJ1	30	90.12	Before	Interior Girder 1	33.7	0.95	1	1	4.972799
HS15_serv_opr	BOBJ1	30	90.12	Before	Interior Girder 2	33.7	0.95	1	1	4.841875
HS15_serv_opr	BOBJ1	30	90.12	Before	Interior Girder 3	33.7	0.95	1	1	4.845072
HS15_serv_opr	BOBJ1	30	90.12	Before	Interior Girder 4	33.7	0.95	1	1	4.845072
HS15_serv_opr	BOBJ1	30	90.12	Before	Interior Girder 5	33.7	0.95	1	1	4.841875
HS15_serv_opr	BOBJ1	30	90.12	Before	Interior Girder 6	33.7	0.95	1	1	4.972799
HS15_serv_opr	BOBJ1	30	90.12	Before	Right Exterior Girder	33.7	0.95	1	1	5.057974
HS15_serv_opr	BOBJ1	31	90.12	After	Left Exterior Girder	33.7	0.95	1	1	5.065094
HS15_serv_opr	BOBJ1	31	90.12	After	Interior Girder 1	33.7	0.95	1	1	4.971319
HS15_serv_opr	BOBJ1	31	90.12	After	Interior Girder 2	33.7	0.95	1	1	4.835983
HS15_serv_opr	BOBJ1	31	90.12	After	Interior Girder 3	33.7	0.95	1	1	4.842925
HS15_serv_opr	BOBJ1	31	90.12	After	Interior Girder 4	33.7	0.95	1	1	4.842925
HS15_serv_opr	BOBJ1	31	90.12	After	Interior Girder 5	33.7	0.95	1	1	4.835983
HS15_serv_opr	BOBJ1	31	90.12	After	Interior Girder 6	33.7	0.95	1	1	4.971319
HS15_serv_opr	BOBJ1	31	90.12	After	Right Exterior Girder	33.7	0.95	1	1	5.065094
HS15_serv_opr	BOBJ1	32	98.545	Before	Left Exterior Girder	42.125	0.95	1	1	6.143625
HS15_serv_opr	BOBJ1	32	98.545	Before	Interior Girder 1	42.125	0.95	1	1	5.180283
HS15_serv_opr	BOBJ1	32	98.545	Before	Interior Girder 2	42.125	0.95	1	1	5.037091
HS15_serv_opr	BOBJ1	32	98.545	Before	Interior Girder 3	42.125	0.95	1	1	4.942887
HS15_serv_opr	BOBJ1	32	98.545	Before	Interior Girder 4	42.125	0.95	1	1	4.942887
HS15_serv_opr	BOBJ1	32	98.545	Before	Interior Girder 5	42.125	0.95	1	1	5.037091
HS15_serv_opr	BOBJ1	32	98.545	Before	Interior Girder 6	42.125	0.95	1	1	5.180283
HS15_serv_opr	BOBJ1	32	98.545	Before	Right Exterior Girder	42.125	0.95	1	1	6.143625
HS15_serv_opr	BOBJ1	33	98.545	After	Left Exterior Girder	42.125	0.95	1	1	6.063597
HS15_serv_opr	BOBJ1	33	98.545	After	Interior Girder 1	42.125	0.95	1	1	5.2119
HS15_serv_opr	BOBJ1	33	98.545	After	Interior Girder 2	42.125	0.95	1	1	5.035679
HS15_serv_opr	BOBJ1	33	98.545	After	Interior Girder 3	42.125	0.95	1	1	4.892613
HS15_serv_opr	BOBJ1	33	98.545	After	Interior Girder 4	42.125	0.95	1	1	4.892613
HS15_serv_opr	BOBJ1	33	98.545	After	Interior Girder 5	42.125	0.95	1	1	5.035679
HS15_serv_opr	BOBJ1	33	98.545	After	Interior Girder 6	42.125	0.95	1	1	5.2119
HS15_serv_opr	BOBJ1	33	98.545	After	Right Exterior Girder	42.125	0.95	1	1	6.063597
HS15_serv_opr	BOBJ1	34	106.97	Before	Left Exterior Girder	50.55	0.95	1	1	9.685178
HS15_serv_opr	BOBJ1	34	106.97	Before	Interior Girder 1	50.55	0.95	1	1	8.379799
HS15_serv_opr	BOBJ1	34	106.97	Before	Interior Girder 2	50.55	0.95	1	1	7.830139
HS15_serv_opr	BOBJ1	34	106.97	Before	Interior Girder 3	50.55	0.95	1	1	7.744293
HS15_serv_opr	BOBJ1	34	106.97	Before	Interior Girder 4	50.55	0.95	1	1	7.744293
HS15_serv_opr	BOBJ1	34	106.97	Before	Interior Girder 5	50.55	0.95	1	1	7.830139
HS15_serv_opr	BOBJ1	34	106.97	Before	Interior Girder 6	50.55	0.95	1	1	8.379799
HS15_serv_opr	BOBJ1	34	106.97	Before	Right Exterior Girder	50.55	0.95	1	1	9.685178
HS15_serv_opr	BOBJ1	35	106.97	After	Left Exterior Girder	50.55	0.95	1	1	9.442223
HS15_serv_opr	BOBJ1	35	106.97	After	Interior Girder 1	50.55	0.95	1	1	8.516811
HS15_serv_opr	BOBJ1	35	106.97	After	Interior Girder 2	50.55	0.95	1	1	7.827967
HS15_serv_opr	BOBJ1	35	106.97	After	Interior Girder 3	50.55	0.95	1	1	7.619896
HS15_serv_opr	BOBJ1	35	106.97	After	Interior Girder 4	50.55	0.95	1	1	7.619896
HS15_serv_opr	BOBJ1	35	106.97	After	Interior Girder 5	50.55	0.95	1	1	7.827967
HS15_serv_opr	BOBJ1	35	106.97	After	Interior Girder 6	50.55	0.95	1	1	8.516811
HS15_serv_opr	BOBJ1	35	106.97	After	Right Exterior Girder	50.55	0.95	1	1	9.442223
HS15_serv_opr	BOBJ1	36	115.405	Before	Left Exterior Girder	58.985	0.95	1	1	6.186784
HS15_serv_opr	BOBJ1	36	115.405	Before	Interior Girder 1	58.985	0.95	1	1	6.786115
HS15_serv_opr	BOBJ1	36	115.405	Before	Interior Girder 2	58.985	0.95	1	1	6.721927
HS15_serv_opr	BOBJ1	36	115.405	Before	Interior Girder 3	58.985	0.95	1	1	6.554722
HS15_serv_opr	BOBJ1	36	115.405	Before	Interior Girder 4	58.985	0.95	1	1	6.554722
HS15_serv_opr	BOBJ1	36	115.405	Before	Interior Girder 5	58.985	0.95	1	1	6.721927
HS15_serv_opr	BOBJ1	36	115.405	Before	Interior Girder 6	58.985	0.95	1	1	6.786115
HS15_serv_opr	BOBJ1	36	115.405	Before	Right Exterior Girder	58.985	0.95	1	1	6.186784
HS15_serv_opr	BOBJ1	37	115.405	After	Left Exterior Girder	58.985	0.95	1	1	6.325926
HS15_serv_opr	BOBJ1	37	115.405	After	Interior Girder 1	58.985	0.95	1	1	6.669571
HS15_serv_opr	BOBJ1	37	115.405	After	Interior Girder 2	58.985	0.95	1	1	6.661021
HS15_serv_opr	BOBJ1	37	115.405	After	Interior Girder 3	58.985	0.95	1	1	6.536899
HS15_serv_opr	BOBJ1	37	115.405	After	Interior Girder 4	58.985	0.95	1	1	6.536899
HS15_serv_opr	BOBJ1	37	115.405	After	Interior Girder 5	58.985	0.95	1	1	6.661021
HS15_serv_opr	BOBJ1	37	115.405	After	Interior Girder 6	58.985	0.95	1	1	6.669571
HS15_serv_opr	BOBJ1	37	115.405	After	Right Exterior Girder	58.985	0.95	1	1	6.325926
HS15_serv_opr	BOBJ1	38	116.34	Before	Left Exterior Girder	59.92	0.95	1	1	5.870387
HS15_serv_opr	BOBJ1	38	116.34	Before	Right Exterior Girder	59.92	0.95	1	1	5.870387
HS15_serv_opr	BOBJ1	39	116.34	After	Left Exterior Girder	59.92	0.95	1	1	11.657674
HS15_serv_opr	BOBJ1	39	116.34	After	Right Exterior Girder	59.92	0.95	1	1	11.657674

TABLE: Bridge Super Rating AASHTORATE18 31 - SteelICompServ-Flx - Approach, Span 7-11										
Request	BridgeObj	BridgeCut	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	Unitless	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
HS15_serv_opr	BOBJ1	40	118.84	Before	Interior Girder 1	62.42	0.95	1	1	5.6413
HS15_serv_opr	BOBJ1	40	118.84	Before	Interior Girder 2	62.42	0.95	1	1	5.588393
HS15_serv_opr	BOBJ1	40	118.84	Before	Interior Girder 3	62.42	0.95	1	1	5.276169
HS15_serv_opr	BOBJ1	40	118.84	Before	Interior Girder 4	62.42	0.95	1	1	5.276169
HS15_serv_opr	BOBJ1	40	118.84	Before	Interior Girder 5	62.42	0.95	1	1	5.588393
HS15_serv_opr	BOBJ1	40	118.84	Before	Interior Girder 6	62.42	0.95	1	1	5.6413
HS15_serv_opr	BOBJ1	41	118.84	After	Interior Girder 1	62.42	0.95	1	1	7.880165
HS15_serv_opr	BOBJ1	41	118.84	After	Interior Girder 2	62.42	0.95	1	1	7.637845
HS15_serv_opr	BOBJ1	41	118.84	After	Interior Girder 3	62.42	0.95	1	1	7.284591
HS15_serv_opr	BOBJ1	41	118.84	After	Interior Girder 4	62.42	0.95	1	1	7.284591
HS15_serv_opr	BOBJ1	41	118.84	After	Interior Girder 5	62.42	0.95	1	1	7.637845
HS15_serv_opr	BOBJ1	41	118.84	After	Interior Girder 6	62.42	0.95	1	1	7.880165
HS15_serv_opr	BOBJ1	42	123.84	Before	Left Exterior Girder	67.42	0.95	1	1	7.758603
HS15_serv_opr	BOBJ1	42	123.84	Before	Interior Girder 1	67.42	0.95	1	1	5.739671
HS15_serv_opr	BOBJ1	42	123.84	Before	Interior Girder 2	67.42	0.95	1	1	5.417565
HS15_serv_opr	BOBJ1	42	123.84	Before	Interior Girder 3	67.42	0.95	1	1	4.514171
HS15_serv_opr	BOBJ1	42	123.84	Before	Interior Girder 4	67.42	0.95	1	1	4.514171
HS15_serv_opr	BOBJ1	42	123.84	Before	Interior Girder 5	67.42	0.95	1	1	5.417565
HS15_serv_opr	BOBJ1	42	123.84	Before	Interior Girder 6	67.42	0.95	1	1	5.739671
HS15_serv_opr	BOBJ1	42	123.84	Before	Right Exterior Girder	67.42	0.95	1	1	7.758603
HS15_serv_opr	BOBJ1	43	123.84	After	Left Exterior Girder	0	0.95	1	1	7.68786
HS15_serv_opr	BOBJ1	43	123.84	After	Interior Girder 1	0	0.95	1	1	5.648148
HS15_serv_opr	BOBJ1	43	123.84	After	Interior Girder 2	0	0.95	1	1	5.396023
HS15_serv_opr	BOBJ1	43	123.84	After	Interior Girder 3	0	0.95	1	1	4.500167
HS15_serv_opr	BOBJ1	43	123.84	After	Interior Girder 4	0	0.95	1	1	4.500167
HS15_serv_opr	BOBJ1	43	123.84	After	Interior Girder 5	0	0.95	1	1	5.396023
HS15_serv_opr	BOBJ1	43	123.84	After	Interior Girder 6	0	0.95	1	1	5.648148
HS15_serv_opr	BOBJ1	43	123.84	After	Right Exterior Girder	0	0.95	1	1	7.68786
HS15_serv_opr	BOBJ1	44	128.84	Before	Interior Girder 1	5	0.95	1	1	8.057611
HS15_serv_opr	BOBJ1	44	128.84	Before	Interior Girder 2	5	0.95	1	1	7.778628
HS15_serv_opr	BOBJ1	44	128.84	Before	Interior Girder 3	5	0.95	1	1	7.378362
HS15_serv_opr	BOBJ1	44	128.84	Before	Interior Girder 4	5	0.95	1	1	7.378362
HS15_serv_opr	BOBJ1	44	128.84	Before	Interior Girder 5	5	0.95	1	1	7.778628
HS15_serv_opr	BOBJ1	44	128.84	Before	Interior Girder 6	5	0.95	1	1	8.057611
HS15_serv_opr	BOBJ1	45	128.84	After	Interior Girder 1	5	0.95	1	1	5.777015
HS15_serv_opr	BOBJ1	45	128.84	After	Interior Girder 2	5	0.95	1	1	5.694737
HS15_serv_opr	BOBJ1	45	128.84	After	Interior Girder 3	5	0.95	1	1	5.364124
HS15_serv_opr	BOBJ1	45	128.84	After	Interior Girder 4	5	0.95	1	1	5.364124
HS15_serv_opr	BOBJ1	45	128.84	After	Interior Girder 5	5	0.95	1	1	5.694737
HS15_serv_opr	BOBJ1	45	128.84	After	Interior Girder 6	5	0.95	1	1	5.777015
HS15_serv_opr	BOBJ1	46	131.34	Before	Left Exterior Girder	7.5	0.95	1	1	11.994777
HS15_serv_opr	BOBJ1	46	131.34	Before	Right Exterior Girder	7.5	0.95	1	1	11.994777
HS15_serv_opr	BOBJ1	47	131.34	After	Left Exterior Girder	7.5	0.95	1	1	6.044608
HS15_serv_opr	BOBJ1	47	131.34	After	Right Exterior Girder	7.5	0.95	1	1	6.044608
HS15_serv_opr	BOBJ1	48	132.265	Before	Left Exterior Girder	8.425	0.95	1	1	6.483458
HS15_serv_opr	BOBJ1	48	132.265	Before	Interior Girder 1	8.425	0.95	1	1	6.824676
HS15_serv_opr	BOBJ1	48	132.265	Before	Interior Girder 2	8.425	0.95	1	1	6.785114
HS15_serv_opr	BOBJ1	48	132.265	Before	Interior Girder 3	8.425	0.95	1	1	6.647815
HS15_serv_opr	BOBJ1	48	132.265	Before	Interior Girder 4	8.425	0.95	1	1	6.647815
HS15_serv_opr	BOBJ1	48	132.265	Before	Interior Girder 5	8.425	0.95	1	1	6.785114
HS15_serv_opr	BOBJ1	48	132.265	Before	Interior Girder 6	8.425	0.95	1	1	6.824676
HS15_serv_opr	BOBJ1	48	132.265	Before	Right Exterior Girder	8.425	0.95	1	1	6.483458
HS15_serv_opr	BOBJ1	49	132.265	After	Left Exterior Girder	8.425	0.95	1	1	6.341136
HS15_serv_opr	BOBJ1	49	132.265	After	Interior Girder 1	8.425	0.95	1	1	6.942815
HS15_serv_opr	BOBJ1	49	132.265	After	Interior Girder 2	8.425	0.95	1	1	6.84779
HS15_serv_opr	BOBJ1	49	132.265	After	Interior Girder 3	8.425	0.95	1	1	6.668926
HS15_serv_opr	BOBJ1	49	132.265	After	Interior Girder 4	8.425	0.95	1	1	6.668926
HS15_serv_opr	BOBJ1	49	132.265	After	Interior Girder 5	8.425	0.95	1	1	6.84779
HS15_serv_opr	BOBJ1	49	132.265	After	Interior Girder 6	8.425	0.95	1	1	6.942815
HS15_serv_opr	BOBJ1	49	132.265	After	Right Exterior Girder	8.425	0.95	1	1	6.341136
HS15_serv_opr	BOBJ1	50	140.69	Before	Left Exterior Girder	16.85	0.95	1	1	9.534525
HS15_serv_opr	BOBJ1	50	140.69	Before	Interior Girder 1	16.85	0.95	1	1	8.54491
HS15_serv_opr	BOBJ1	50	140.69	Before	Interior Girder 2	16.85	0.95	1	1	7.855895
HS15_serv_opr	BOBJ1	50	140.69	Before	Interior Girder 3	16.85	0.95	1	1	7.6538
HS15_serv_opr	BOBJ1	50	140.69	Before	Interior Girder 4	16.85	0.95	1	1	7.6538
HS15_serv_opr	BOBJ1	50	140.69	Before	Interior Girder 5	16.85	0.95	1	1	7.855895
HS15_serv_opr	BOBJ1	50	140.69	Before	Interior Girder 6	16.85	0.95	1	1	8.54491
HS15_serv_opr	BOBJ1	50	140.69	Before	Right Exterior Girder	16.85	0.95	1	1	9.534525
HS15_serv_opr	BOBJ1	51	140.69	After	Left Exterior Girder	16.85	0.95	1	1	9.786211
HS15_serv_opr	BOBJ1	51	140.69	After	Interior Girder 1	16.85	0.95	1	1	8.408938
HS15_serv_opr	BOBJ1	51	140.69	After	Interior Girder 2	16.85	0.95	1	1	7.856688
HS15_serv_opr	BOBJ1	51	140.69	After	Interior Girder 3	16.85	0.95	1	1	7.777464
HS15_serv_opr	BOBJ1	51	140.69	After	Interior Girder 4	16.85	0.95	1	1	7.777464

TABLE: Bridge Super Rating AASHTORATE18 31 - SteelICompServ-Flx - Approach, Span 7-11										
Request	BridgeObj	BridgeCut	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	Unitless	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
HS15_serv_opr	BOBJ1	51	140.69	After	Interior Girder 5	16.85	0.95	1	1	7.856688
HS15_serv_opr	BOBJ1	51	140.69	After	Interior Girder 6	16.85	0.95	1	1	8.408938
HS15_serv_opr	BOBJ1	51	140.69	After	Right Exterior Girder	16.85	0.95	1	1	9.786211
HS15_serv_opr	BOBJ1	52	149.115	Before	Left Exterior Girder	25.275	0.95	1	1	6.038543
HS15_serv_opr	BOBJ1	52	149.115	Before	Interior Girder 1	25.275	0.95	1	1	5.185004
HS15_serv_opr	BOBJ1	52	149.115	Before	Interior Girder 2	25.275	0.95	1	1	5.020146
HS15_serv_opr	BOBJ1	52	149.115	Before	Interior Girder 3	25.275	0.95	1	1	4.889635
HS15_serv_opr	BOBJ1	52	149.115	Before	Interior Girder 4	25.275	0.95	1	1	4.889635
HS15_serv_opr	BOBJ1	52	149.115	Before	Interior Girder 5	25.275	0.95	1	1	5.020146
HS15_serv_opr	BOBJ1	52	149.115	Before	Interior Girder 6	25.275	0.95	1	1	5.185004
HS15_serv_opr	BOBJ1	52	149.115	Before	Right Exterior Girder	25.275	0.95	1	1	6.038543
HS15_serv_opr	BOBJ1	53	149.115	After	Left Exterior Girder	25.275	0.95	1	1	6.123093
HS15_serv_opr	BOBJ1	53	149.115	After	Interior Girder 1	25.275	0.95	1	1	5.154157
HS15_serv_opr	BOBJ1	53	149.115	After	Interior Girder 2	25.275	0.95	1	1	5.019906
HS15_serv_opr	BOBJ1	53	149.115	After	Interior Girder 3	25.275	0.95	1	1	4.939326
HS15_serv_opr	BOBJ1	53	149.115	After	Interior Girder 4	25.275	0.95	1	1	4.939326
HS15_serv_opr	BOBJ1	53	149.115	After	Interior Girder 5	25.275	0.95	1	1	5.019906
HS15_serv_opr	BOBJ1	53	149.115	After	Interior Girder 6	25.275	0.95	1	1	5.154157
HS15_serv_opr	BOBJ1	53	149.115	After	Right Exterior Girder	25.275	0.95	1	1	6.123093
HS15_serv_opr	BOBJ1	54	157.54	Before	Left Exterior Girder	33.7	0.95	1	1	4.988915
HS15_serv_opr	BOBJ1	54	157.54	Before	Interior Girder 1	33.7	0.95	1	1	4.902995
HS15_serv_opr	BOBJ1	54	157.54	Before	Interior Girder 2	33.7	0.95	1	1	4.798134
HS15_serv_opr	BOBJ1	54	157.54	Before	Interior Girder 3	33.7	0.95	1	1	4.821359
HS15_serv_opr	BOBJ1	54	157.54	Before	Interior Girder 4	33.7	0.95	1	1	4.821359
HS15_serv_opr	BOBJ1	54	157.54	Before	Interior Girder 5	33.7	0.95	1	1	4.798134
HS15_serv_opr	BOBJ1	54	157.54	Before	Interior Girder 6	33.7	0.95	1	1	4.902995
HS15_serv_opr	BOBJ1	54	157.54	Before	Right Exterior Girder	33.7	0.95	1	1	4.988915
HS15_serv_opr	BOBJ1	55	157.54	After	Left Exterior Girder	33.7	0.95	1	1	4.989507
HS15_serv_opr	BOBJ1	55	157.54	After	Interior Girder 1	33.7	0.95	1	1	4.902938
HS15_serv_opr	BOBJ1	55	157.54	After	Interior Girder 2	33.7	0.95	1	1	4.797962
HS15_serv_opr	BOBJ1	55	157.54	After	Interior Girder 3	33.7	0.95	1	1	4.821558
HS15_serv_opr	BOBJ1	55	157.54	After	Interior Girder 4	33.7	0.95	1	1	4.821558
HS15_serv_opr	BOBJ1	55	157.54	After	Interior Girder 5	33.7	0.95	1	1	4.797962
HS15_serv_opr	BOBJ1	55	157.54	After	Interior Girder 6	33.7	0.95	1	1	4.902938
HS15_serv_opr	BOBJ1	55	157.54	After	Right Exterior Girder	33.7	0.95	1	1	4.989507
HS15_serv_opr	BOBJ1	56	165.965	Before	Left Exterior Girder	42.125	0.95	1	1	6.118042
HS15_serv_opr	BOBJ1	56	165.965	Before	Interior Girder 1	42.125	0.95	1	1	5.152002
HS15_serv_opr	BOBJ1	56	165.965	Before	Interior Girder 2	42.125	0.95	1	1	5.017882
HS15_serv_opr	BOBJ1	56	165.965	Before	Interior Girder 3	42.125	0.95	1	1	4.937004
HS15_serv_opr	BOBJ1	56	165.965	Before	Interior Girder 4	42.125	0.95	1	1	4.937004
HS15_serv_opr	BOBJ1	56	165.965	Before	Interior Girder 5	42.125	0.95	1	1	5.017882
HS15_serv_opr	BOBJ1	56	165.965	Before	Interior Girder 6	42.125	0.95	1	1	5.152002
HS15_serv_opr	BOBJ1	56	165.965	Before	Right Exterior Girder	42.125	0.95	1	1	6.118042
HS15_serv_opr	BOBJ1	57	165.965	After	Left Exterior Girder	42.125	0.95	1	1	6.034188
HS15_serv_opr	BOBJ1	57	165.965	After	Interior Girder 1	42.125	0.95	1	1	5.182647
HS15_serv_opr	BOBJ1	57	165.965	After	Interior Girder 2	42.125	0.95	1	1	5.018075
HS15_serv_opr	BOBJ1	57	165.965	After	Interior Girder 3	42.125	0.95	1	1	4.887531
HS15_serv_opr	BOBJ1	57	165.965	After	Interior Girder 4	42.125	0.95	1	1	4.887531
HS15_serv_opr	BOBJ1	57	165.965	After	Interior Girder 5	42.125	0.95	1	1	5.018075
HS15_serv_opr	BOBJ1	57	165.965	After	Interior Girder 6	42.125	0.95	1	1	5.182647
HS15_serv_opr	BOBJ1	57	165.965	After	Right Exterior Girder	42.125	0.95	1	1	6.034188
HS15_serv_opr	BOBJ1	58	174.39	Before	Left Exterior Girder	50.55	0.95	1	1	9.765688
HS15_serv_opr	BOBJ1	58	174.39	Before	Interior Girder 1	50.55	0.95	1	1	8.399119
HS15_serv_opr	BOBJ1	58	174.39	Before	Interior Girder 2	50.55	0.95	1	1	7.848619
HS15_serv_opr	BOBJ1	58	174.39	Before	Interior Girder 3	50.55	0.95	1	1	7.768021
HS15_serv_opr	BOBJ1	58	174.39	Before	Interior Girder 4	50.55	0.95	1	1	7.768021
HS15_serv_opr	BOBJ1	58	174.39	Before	Interior Girder 5	50.55	0.95	1	1	7.848619
HS15_serv_opr	BOBJ1	58	174.39	Before	Interior Girder 6	50.55	0.95	1	1	8.399119
HS15_serv_opr	BOBJ1	58	174.39	Before	Right Exterior Girder	50.55	0.95	1	1	9.765688
HS15_serv_opr	BOBJ1	59	174.39	After	Left Exterior Girder	50.55	0.95	1	1	9.515251
HS15_serv_opr	BOBJ1	59	174.39	After	Interior Girder 1	50.55	0.95	1	1	8.535107
HS15_serv_opr	BOBJ1	59	174.39	After	Interior Girder 2	50.55	0.95	1	1	7.847977
HS15_serv_opr	BOBJ1	59	174.39	After	Interior Girder 3	50.55	0.95	1	1	7.644749
HS15_serv_opr	BOBJ1	59	174.39	After	Interior Girder 4	50.55	0.95	1	1	7.644749
HS15_serv_opr	BOBJ1	59	174.39	After	Interior Girder 5	50.55	0.95	1	1	7.847977
HS15_serv_opr	BOBJ1	59	174.39	After	Interior Girder 6	50.55	0.95	1	1	8.535107
HS15_serv_opr	BOBJ1	59	174.39	After	Right Exterior Girder	50.55	0.95	1	1	9.515251
HS15_serv_opr	BOBJ1	60	182.825	Before	Left Exterior Girder	58.985	0.95	1	1	6.347718
HS15_serv_opr	BOBJ1	60	182.825	Before	Interior Girder 1	58.985	0.95	1	1	6.94007
HS15_serv_opr	BOBJ1	60	182.825	Before	Interior Girder 2	58.985	0.95	1	1	6.844147
HS15_serv_opr	BOBJ1	60	182.825	Before	Interior Girder 3	58.985	0.95	1	1	6.672692
HS15_serv_opr	BOBJ1	60	182.825	Before	Interior Girder 4	58.985	0.95	1	1	6.672692
HS15_serv_opr	BOBJ1	60	182.825	Before	Interior Girder 5	58.985	0.95	1	1	6.844147

TABLE: Bridge Super Rating AASHTORATE18 31 - SteelICompServ-Flx - Approach, Span 7-11										
Request	BridgeObj	BridgeCut	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	Unitless	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
HS15_serv_opr	BOBJ1	60	182.825	Before	Interior Girder 6	58.985	0.95	1	1	6.94007
HS15_serv_opr	BOBJ1	60	182.825	Before	Right Exterior Girder	58.985	0.95	1	1	6.347718
HS15_serv_opr	BOBJ1	61	182.825	After	Left Exterior Girder	58.985	0.95	1	1	6.490525
HS15_serv_opr	BOBJ1	61	182.825	After	Interior Girder 1	58.985	0.95	1	1	6.82198
HS15_serv_opr	BOBJ1	61	182.825	After	Interior Girder 2	58.985	0.95	1	1	6.781294
HS15_serv_opr	BOBJ1	61	182.825	After	Interior Girder 3	58.985	0.95	1	1	6.652195
HS15_serv_opr	BOBJ1	61	182.825	After	Interior Girder 4	58.985	0.95	1	1	6.652195
HS15_serv_opr	BOBJ1	61	182.825	After	Interior Girder 5	58.985	0.95	1	1	6.781294
HS15_serv_opr	BOBJ1	61	182.825	After	Interior Girder 6	58.985	0.95	1	1	6.82198
HS15_serv_opr	BOBJ1	61	182.825	After	Right Exterior Girder	58.985	0.95	1	1	6.490525
HS15_serv_opr	BOBJ1	62	183.76	Before	Left Exterior Girder	59.92	0.95	1	1	6.024499
HS15_serv_opr	BOBJ1	62	183.76	Before	Right Exterior Girder	59.92	0.95	1	1	6.024499
HS15_serv_opr	BOBJ1	63	183.76	After	Left Exterior Girder	59.92	0.95	1	1	11.96397
HS15_serv_opr	BOBJ1	63	183.76	After	Right Exterior Girder	59.92	0.95	1	1	11.96397
HS15_serv_opr	BOBJ1	64	186.26	Before	Interior Girder 1	62.42	0.95	1	1	5.769907
HS15_serv_opr	BOBJ1	64	186.26	Before	Interior Girder 2	62.42	0.95	1	1	5.687453
HS15_serv_opr	BOBJ1	64	186.26	Before	Interior Girder 3	62.42	0.95	1	1	5.365395
HS15_serv_opr	BOBJ1	64	186.26	Before	Interior Girder 4	62.42	0.95	1	1	5.365395
HS15_serv_opr	BOBJ1	64	186.26	Before	Interior Girder 5	62.42	0.95	1	1	5.687453
HS15_serv_opr	BOBJ1	64	186.26	Before	Interior Girder 6	62.42	0.95	1	1	5.769907
HS15_serv_opr	BOBJ1	65	186.26	After	Interior Girder 1	62.42	0.95	1	1	8.049318
HS15_serv_opr	BOBJ1	65	186.26	After	Interior Girder 2	62.42	0.95	1	1	7.770067
HS15_serv_opr	BOBJ1	65	186.26	After	Interior Girder 3	62.42	0.95	1	1	7.38116
HS15_serv_opr	BOBJ1	65	186.26	After	Interior Girder 4	62.42	0.95	1	1	7.38116
HS15_serv_opr	BOBJ1	65	186.26	After	Interior Girder 5	62.42	0.95	1	1	7.770067
HS15_serv_opr	BOBJ1	65	186.26	After	Interior Girder 6	62.42	0.95	1	1	8.049318
HS15_serv_opr	BOBJ1	66	191.26	Before	Left Exterior Girder	67.42	0.95	1	1	7.691482
HS15_serv_opr	BOBJ1	66	191.26	Before	Interior Girder 1	67.42	0.95	1	1	5.639077
HS15_serv_opr	BOBJ1	66	191.26	Before	Interior Girder 2	67.42	0.95	1	1	5.38419
HS15_serv_opr	BOBJ1	66	191.26	Before	Interior Girder 3	67.42	0.95	1	1	4.499809
HS15_serv_opr	BOBJ1	66	191.26	Before	Interior Girder 4	67.42	0.95	1	1	4.499809
HS15_serv_opr	BOBJ1	66	191.26	Before	Interior Girder 5	67.42	0.95	1	1	5.38419
HS15_serv_opr	BOBJ1	66	191.26	Before	Interior Girder 6	67.42	0.95	1	1	5.639077
HS15_serv_opr	BOBJ1	66	191.26	Before	Right Exterior Girder	67.42	0.95	1	1	7.691482
HS15_serv_opr	BOBJ1	67	191.26	After	Left Exterior Girder	0	0.95	1	1	7.747628
HS15_serv_opr	BOBJ1	67	191.26	After	Interior Girder 1	0	0.95	1	1	5.744006
HS15_serv_opr	BOBJ1	67	191.26	After	Interior Girder 2	0	0.95	1	1	5.425482
HS15_serv_opr	BOBJ1	67	191.26	After	Interior Girder 3	0	0.95	1	1	4.512024
HS15_serv_opr	BOBJ1	67	191.26	After	Interior Girder 4	0	0.95	1	1	4.512024
HS15_serv_opr	BOBJ1	67	191.26	After	Interior Girder 5	0	0.95	1	1	5.425482
HS15_serv_opr	BOBJ1	67	191.26	After	Interior Girder 6	0	0.95	1	1	5.744006
HS15_serv_opr	BOBJ1	67	191.26	After	Right Exterior Girder	0	0.95	1	1	7.747628
HS15_serv_opr	BOBJ1	68	196.26	Before	Interior Girder 1	5	0.95	1	1	7.883633
HS15_serv_opr	BOBJ1	68	196.26	Before	Interior Girder 2	5	0.95	1	1	7.643023
HS15_serv_opr	BOBJ1	68	196.26	Before	Interior Girder 3	5	0.95	1	1	7.279163
HS15_serv_opr	BOBJ1	68	196.26	Before	Interior Girder 4	5	0.95	1	1	7.279163
HS15_serv_opr	BOBJ1	68	196.26	Before	Interior Girder 5	5	0.95	1	1	7.643023
HS15_serv_opr	BOBJ1	68	196.26	Before	Interior Girder 6	5	0.95	1	1	7.883633
HS15_serv_opr	BOBJ1	69	196.26	After	Interior Girder 1	5	0.95	1	1	5.643503
HS15_serv_opr	BOBJ1	69	196.26	After	Interior Girder 2	5	0.95	1	1	5.592288
HS15_serv_opr	BOBJ1	69	196.26	After	Interior Girder 3	5	0.95	1	1	5.272432
HS15_serv_opr	BOBJ1	69	196.26	After	Interior Girder 4	5	0.95	1	1	5.272432
HS15_serv_opr	BOBJ1	69	196.26	After	Interior Girder 5	5	0.95	1	1	5.592288
HS15_serv_opr	BOBJ1	69	196.26	After	Interior Girder 6	5	0.95	1	1	5.643503
HS15_serv_opr	BOBJ1	70	198.76	Before	Left Exterior Girder	7.5	0.95	1	1	11.682401
HS15_serv_opr	BOBJ1	70	198.76	Before	Right Exterior Girder	7.5	0.95	1	1	11.682401
HS15_serv_opr	BOBJ1	71	198.76	After	Left Exterior Girder	7.5	0.95	1	1	5.884518
HS15_serv_opr	BOBJ1	71	198.76	After	Right Exterior Girder	7.5	0.95	1	1	5.884518
HS15_serv_opr	BOBJ1	72	199.685	Before	Left Exterior Girder	8.425	0.95	1	1	6.31376
HS15_serv_opr	BOBJ1	72	199.685	Before	Interior Girder 1	8.425	0.95	1	1	6.668093
HS15_serv_opr	BOBJ1	72	199.685	Before	Interior Girder 2	8.425	0.95	1	1	6.661892
HS15_serv_opr	BOBJ1	72	199.685	Before	Interior Girder 3	8.425	0.95	1	1	6.530239
HS15_serv_opr	BOBJ1	72	199.685	Before	Interior Girder 4	8.425	0.95	1	1	6.530239
HS15_serv_opr	BOBJ1	72	199.685	Before	Interior Girder 5	8.425	0.95	1	1	6.661892
HS15_serv_opr	BOBJ1	72	199.685	Before	Interior Girder 6	8.425	0.95	1	1	6.668093
HS15_serv_opr	BOBJ1	72	199.685	Before	Right Exterior Girder	8.425	0.95	1	1	6.31376
HS15_serv_opr	BOBJ1	73	199.685	After	Left Exterior Girder	8.425	0.95	1	1	6.174778
HS15_serv_opr	BOBJ1	73	199.685	After	Interior Girder 1	8.425	0.95	1	1	6.784754
HS15_serv_opr	BOBJ1	73	199.685	After	Interior Girder 2	8.425	0.95	1	1	6.722686
HS15_serv_opr	BOBJ1	73	199.685	After	Interior Girder 3	8.425	0.95	1	1	6.548759
HS15_serv_opr	BOBJ1	73	199.685	After	Interior Girder 4	8.425	0.95	1	1	6.548759
HS15_serv_opr	BOBJ1	73	199.685	After	Interior Girder 5	8.425	0.95	1	1	6.722686
HS15_serv_opr	BOBJ1	73	199.685	After	Interior Girder 6	8.425	0.95	1	1	6.784754

TABLE: Bridge Super Rating AASHTORATE18 31 - SteelICompServ-Flx - Approach, Span 7-11										
Request	BridgeObj	BridgeCut	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	Unitless	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
HS15_serv_opr	BOBJ1	73	199.685	After	Right Exterior Girder	8.425	0.95	1	1	6.174778
HS15_serv_opr	BOBJ1	74	208.11	Before	Left Exterior Girder	16.85	0.95	1	1	9.462921
HS15_serv_opr	BOBJ1	74	208.11	Before	Interior Girder 1	16.85	0.95	1	1	8.5279
HS15_serv_opr	BOBJ1	74	208.11	Before	Interior Girder 2	16.85	0.95	1	1	7.836645
HS15_serv_opr	BOBJ1	74	208.11	Before	Interior Girder 3	16.85	0.95	1	1	7.629508
HS15_serv_opr	BOBJ1	74	208.11	Before	Interior Girder 4	16.85	0.95	1	1	7.629508
HS15_serv_opr	BOBJ1	74	208.11	Before	Interior Girder 5	16.85	0.95	1	1	7.836645
HS15_serv_opr	BOBJ1	74	208.11	Before	Interior Girder 6	16.85	0.95	1	1	8.5279
HS15_serv_opr	BOBJ1	74	208.11	Before	Right Exterior Girder	16.85	0.95	1	1	9.462921
HS15_serv_opr	BOBJ1	75	208.11	After	Left Exterior Girder	16.85	0.95	1	1	9.707514
HS15_serv_opr	BOBJ1	75	208.11	After	Interior Girder 1	16.85	0.95	1	1	8.390579
HS15_serv_opr	BOBJ1	75	208.11	After	Interior Girder 2	16.85	0.95	1	1	7.8388
HS15_serv_opr	BOBJ1	75	208.11	After	Interior Girder 3	16.85	0.95	1	1	7.754088
HS15_serv_opr	BOBJ1	75	208.11	After	Interior Girder 4	16.85	0.95	1	1	7.754088
HS15_serv_opr	BOBJ1	75	208.11	After	Interior Girder 5	16.85	0.95	1	1	7.8388
HS15_serv_opr	BOBJ1	75	208.11	After	Interior Girder 6	16.85	0.95	1	1	8.390579
HS15_serv_opr	BOBJ1	75	208.11	After	Right Exterior Girder	16.85	0.95	1	1	9.707514
HS15_serv_opr	BOBJ1	76	216.535	Before	Left Exterior Girder	25.275	0.95	1	1	6.066788
HS15_serv_opr	BOBJ1	76	216.535	Before	Interior Girder 1	25.275	0.95	1	1	5.213282
HS15_serv_opr	BOBJ1	76	216.535	Before	Interior Girder 2	25.275	0.95	1	1	5.037066
HS15_serv_opr	BOBJ1	76	216.535	Before	Interior Girder 3	25.275	0.95	1	1	4.89422
HS15_serv_opr	BOBJ1	76	216.535	Before	Interior Girder 4	25.275	0.95	1	1	4.89422
HS15_serv_opr	BOBJ1	76	216.535	Before	Interior Girder 5	25.275	0.95	1	1	5.037066
HS15_serv_opr	BOBJ1	76	216.535	Before	Interior Girder 6	25.275	0.95	1	1	5.213282
HS15_serv_opr	BOBJ1	76	216.535	Before	Right Exterior Girder	25.275	0.95	1	1	6.066788
HS15_serv_opr	BOBJ1	77	216.535	After	Left Exterior Girder	25.275	0.95	1	1	6.148011
HS15_serv_opr	BOBJ1	77	216.535	After	Interior Girder 1	25.275	0.95	1	1	5.18143
HS15_serv_opr	BOBJ1	77	216.535	After	Interior Girder 2	25.275	0.95	1	1	5.03826
HS15_serv_opr	BOBJ1	77	216.535	After	Interior Girder 3	25.275	0.95	1	1	4.944502
HS15_serv_opr	BOBJ1	77	216.535	After	Interior Girder 4	25.275	0.95	1	1	4.944502
HS15_serv_opr	BOBJ1	77	216.535	After	Interior Girder 5	25.275	0.95	1	1	5.03826
HS15_serv_opr	BOBJ1	77	216.535	After	Interior Girder 6	25.275	0.95	1	1	5.18143
HS15_serv_opr	BOBJ1	77	216.535	After	Right Exterior Girder	25.275	0.95	1	1	6.148011
HS15_serv_opr	BOBJ1	78	224.96	Before	Left Exterior Girder	33.7	0.95	1	1	5.061041
HS15_serv_opr	BOBJ1	78	224.96	Before	Interior Girder 1	33.7	0.95	1	1	4.968437
HS15_serv_opr	BOBJ1	78	224.96	Before	Interior Girder 2	33.7	0.95	1	1	4.834156
HS15_serv_opr	BOBJ1	78	224.96	Before	Interior Girder 3	33.7	0.95	1	1	4.84117
HS15_serv_opr	BOBJ1	78	224.96	Before	Interior Girder 4	33.7	0.95	1	1	4.84117
HS15_serv_opr	BOBJ1	78	224.96	Before	Interior Girder 5	33.7	0.95	1	1	4.834156
HS15_serv_opr	BOBJ1	78	224.96	Before	Interior Girder 6	33.7	0.95	1	1	4.968437
HS15_serv_opr	BOBJ1	78	224.96	Before	Right Exterior Girder	33.7	0.95	1	1	5.061041
HS15_serv_opr	BOBJ1	79	224.96	After	Left Exterior Girder	33.7	0.95	1	1	5.055509
HS15_serv_opr	BOBJ1	79	224.96	After	Interior Girder 1	33.7	0.95	1	1	4.970018
HS15_serv_opr	BOBJ1	79	224.96	After	Interior Girder 2	33.7	0.95	1	1	4.839516
HS15_serv_opr	BOBJ1	79	224.96	After	Interior Girder 3	33.7	0.95	1	1	4.843595
HS15_serv_opr	BOBJ1	79	224.96	After	Interior Girder 4	33.7	0.95	1	1	4.843595
HS15_serv_opr	BOBJ1	79	224.96	After	Interior Girder 5	33.7	0.95	1	1	4.839516
HS15_serv_opr	BOBJ1	79	224.96	After	Interior Girder 6	33.7	0.95	1	1	4.970018
HS15_serv_opr	BOBJ1	79	224.96	After	Right Exterior Girder	33.7	0.95	1	1	5.055509
HS15_serv_opr	BOBJ1	80	233.385	Before	Left Exterior Girder	42.125	0.95	1	1	6.302554
HS15_serv_opr	BOBJ1	80	233.385	Before	Interior Girder 1	42.125	0.95	1	1	5.249221
HS15_serv_opr	BOBJ1	80	233.385	Before	Interior Girder 2	42.125	0.95	1	1	5.083701
HS15_serv_opr	BOBJ1	80	233.385	Before	Interior Girder 3	42.125	0.95	1	1	4.984719
HS15_serv_opr	BOBJ1	80	233.385	Before	Interior Girder 4	42.125	0.95	1	1	4.984719
HS15_serv_opr	BOBJ1	80	233.385	Before	Interior Girder 5	42.125	0.95	1	1	5.083701
HS15_serv_opr	BOBJ1	80	233.385	Before	Interior Girder 6	42.125	0.95	1	1	5.249221
HS15_serv_opr	BOBJ1	80	233.385	Before	Right Exterior Girder	42.125	0.95	1	1	6.302554
HS15_serv_opr	BOBJ1	81	233.385	After	Left Exterior Girder	42.125	0.95	1	1	6.205918
HS15_serv_opr	BOBJ1	81	233.385	After	Interior Girder 1	42.125	0.95	1	1	5.286511
HS15_serv_opr	BOBJ1	81	233.385	After	Interior Girder 2	42.125	0.95	1	1	5.08598
HS15_serv_opr	BOBJ1	81	233.385	After	Interior Girder 3	42.125	0.95	1	1	4.935112
HS15_serv_opr	BOBJ1	81	233.385	After	Interior Girder 4	42.125	0.95	1	1	4.935112
HS15_serv_opr	BOBJ1	81	233.385	After	Interior Girder 5	42.125	0.95	1	1	5.08598
HS15_serv_opr	BOBJ1	81	233.385	After	Interior Girder 6	42.125	0.95	1	1	5.286511
HS15_serv_opr	BOBJ1	81	233.385	After	Right Exterior Girder	42.125	0.95	1	1	6.205918
HS15_serv_opr	BOBJ1	82	241.81	Before	Left Exterior Girder	50.55	0.95	1	1	10.262336
HS15_serv_opr	BOBJ1	82	241.81	Before	Interior Girder 1	50.55	0.95	1	1	8.618549
HS15_serv_opr	BOBJ1	82	241.81	Before	Interior Girder 2	50.55	0.95	1	1	7.981052
HS15_serv_opr	BOBJ1	82	241.81	Before	Interior Girder 3	50.55	0.95	1	1	7.840277
HS15_serv_opr	BOBJ1	82	241.81	Before	Interior Girder 4	50.55	0.95	1	1	7.840277
HS15_serv_opr	BOBJ1	82	241.81	Before	Interior Girder 5	50.55	0.95	1	1	7.981052
HS15_serv_opr	BOBJ1	82	241.81	Before	Interior Girder 6	50.55	0.95	1	1	8.618549
HS15_serv_opr	BOBJ1	82	241.81	Before	Right Exterior Girder	50.55	0.95	1	1	10.262336

TABLE: Bridge Super Rating AASHTORATE18 31 - SteelICompServ-Flx - Approach, Span 7-11										
Request	BridgeObj	BridgeCut	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	Unitless	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
HS15_serv_opr	BOBJ1	83	241.81	After	Left Exterior Girder	50.55	0.95	1	1	10.030218
HS15_serv_opr	BOBJ1	83	241.81	After	Interior Girder 1	50.55	0.95	1	1	8.755068
HS15_serv_opr	BOBJ1	83	241.81	After	Interior Girder 2	50.55	0.95	1	1	8.022606
HS15_serv_opr	BOBJ1	83	241.81	After	Interior Girder 3	50.55	0.95	1	1	7.785469
HS15_serv_opr	BOBJ1	83	241.81	After	Interior Girder 4	50.55	0.95	1	1	7.785469
HS15_serv_opr	BOBJ1	83	241.81	After	Interior Girder 5	50.55	0.95	1	1	8.022606
HS15_serv_opr	BOBJ1	83	241.81	After	Interior Girder 6	50.55	0.95	1	1	8.755068
HS15_serv_opr	BOBJ1	83	241.81	After	Right Exterior Girder	50.55	0.95	1	1	10.030218
HS15_serv_opr	BOBJ1	84	245.18	Before	Left Exterior Girder	53.92	0.95	1	1	9.438714
HS15_serv_opr	BOBJ1	84	245.18	Before	Interior Girder 1	53.92	0.95	1	1	9.61838
HS15_serv_opr	BOBJ1	84	245.18	Before	Interior Girder 2	53.92	0.95	1	1	9.435434
HS15_serv_opr	BOBJ1	84	245.18	Before	Interior Girder 3	53.92	0.95	1	1	9.634244
HS15_serv_opr	BOBJ1	84	245.18	Before	Interior Girder 4	53.92	0.95	1	1	9.634244
HS15_serv_opr	BOBJ1	84	245.18	Before	Interior Girder 5	53.92	0.95	1	1	9.435434
HS15_serv_opr	BOBJ1	84	245.18	Before	Interior Girder 6	53.92	0.95	1	1	9.61838
HS15_serv_opr	BOBJ1	84	245.18	Before	Right Exterior Girder	53.92	0.95	1	1	9.438714
HS15_serv_opr	BOBJ1	85	245.18	After	Left Exterior Girder	53.92	0.95	1	1	10.982322
HS15_serv_opr	BOBJ1	85	245.18	After	Interior Girder 1	53.92	0.95	1	1	10.290625
HS15_serv_opr	BOBJ1	85	245.18	After	Interior Girder 2	53.92	0.95	1	1	10.061076
HS15_serv_opr	BOBJ1	85	245.18	After	Interior Girder 3	53.92	0.95	1	1	10.312117
HS15_serv_opr	BOBJ1	85	245.18	After	Interior Girder 4	53.92	0.95	1	1	10.312117
HS15_serv_opr	BOBJ1	85	245.18	After	Interior Girder 5	53.92	0.95	1	1	10.061076
HS15_serv_opr	BOBJ1	85	245.18	After	Interior Girder 6	53.92	0.95	1	1	10.290625
HS15_serv_opr	BOBJ1	85	245.18	After	Right Exterior Girder	53.92	0.95	1	1	10.982322
HS15_serv_opr	BOBJ1	86	250.245	Before	Left Exterior Girder	58.985	0.95	1	1	8.333327
HS15_serv_opr	BOBJ1	86	250.245	Before	Interior Girder 1	58.985	0.95	1	1	8.276794
HS15_serv_opr	BOBJ1	86	250.245	Before	Interior Girder 2	58.985	0.95	1	1	7.886624
HS15_serv_opr	BOBJ1	86	250.245	Before	Interior Girder 3	58.985	0.95	1	1	7.619264
HS15_serv_opr	BOBJ1	86	250.245	Before	Interior Girder 4	58.985	0.95	1	1	7.619264
HS15_serv_opr	BOBJ1	86	250.245	Before	Interior Girder 5	58.985	0.95	1	1	7.886624
HS15_serv_opr	BOBJ1	86	250.245	Before	Interior Girder 6	58.985	0.95	1	1	8.276794
HS15_serv_opr	BOBJ1	86	250.245	Before	Right Exterior Girder	58.985	0.95	1	1	8.333327
HS15_serv_opr	BOBJ1	87	250.245	After	Left Exterior Girder	58.985	0.95	1	1	8.407142
HS15_serv_opr	BOBJ1	87	250.245	After	Interior Girder 1	58.985	0.95	1	1	8.191052
HS15_serv_opr	BOBJ1	87	250.245	After	Interior Girder 2	58.985	0.95	1	1	7.806457
HS15_serv_opr	BOBJ1	87	250.245	After	Interior Girder 3	58.985	0.95	1	1	7.56969
HS15_serv_opr	BOBJ1	87	250.245	After	Interior Girder 4	58.985	0.95	1	1	7.56969
HS15_serv_opr	BOBJ1	87	250.245	After	Interior Girder 5	58.985	0.95	1	1	7.806457
HS15_serv_opr	BOBJ1	87	250.245	After	Interior Girder 6	58.985	0.95	1	1	8.191052
HS15_serv_opr	BOBJ1	87	250.245	After	Right Exterior Girder	58.985	0.95	1	1	8.407142
HS15_serv_opr	BOBJ1	88	251.68	Before	Left Exterior Girder	60.42	0.95	1	1	7.684741
HS15_serv_opr	BOBJ1	88	251.68	Before	Right Exterior Girder	60.42	0.95	1	1	7.684741
HS15_serv_opr	BOBJ1	89	251.68	After	Left Exterior Girder	60.42	0.95	1	1	13.337748
HS15_serv_opr	BOBJ1	89	251.68	After	Right Exterior Girder	60.42	0.95	1	1	13.337748
HS15_serv_opr	BOBJ1	90	254.18	Before	Interior Girder 1	62.92	0.95	1	1	6.707377
HS15_serv_opr	BOBJ1	90	254.18	Before	Interior Girder 2	62.92	0.95	1	1	6.400778
HS15_serv_opr	BOBJ1	90	254.18	Before	Interior Girder 3	62.92	0.95	1	1	5.841997
HS15_serv_opr	BOBJ1	90	254.18	Before	Interior Girder 4	62.92	0.95	1	1	5.841997
HS15_serv_opr	BOBJ1	90	254.18	Before	Interior Girder 5	62.92	0.95	1	1	6.400778
HS15_serv_opr	BOBJ1	90	254.18	Before	Interior Girder 6	62.92	0.95	1	1	6.707377
HS15_serv_opr	BOBJ1	91	254.18	After	Interior Girder 1	62.92	0.95	1	1	8.194594
HS15_serv_opr	BOBJ1	91	254.18	After	Interior Girder 2	62.92	0.95	1	1	7.673732
HS15_serv_opr	BOBJ1	91	254.18	After	Interior Girder 3	62.92	0.95	1	1	7.037625
HS15_serv_opr	BOBJ1	91	254.18	After	Interior Girder 4	62.92	0.95	1	1	7.037625
HS15_serv_opr	BOBJ1	91	254.18	After	Interior Girder 5	62.92	0.95	1	1	7.673732
HS15_serv_opr	BOBJ1	91	254.18	After	Interior Girder 6	62.92	0.95	1	1	8.194594
HS15_serv_opr	BOBJ1	92	258.68	Before	Left Exterior Girder	67.42	0.95	1	1	7.526655
HS15_serv_opr	BOBJ1	92	258.68	Before	Interior Girder 1	67.42	0.95	1	1	5.137796
HS15_serv_opr	BOBJ1	92	258.68	Before	Interior Girder 2	67.42	0.95	1	1	4.904261
HS15_serv_opr	BOBJ1	92	258.68	Before	Interior Girder 3	67.42	0.95	1	1	4.153615
HS15_serv_opr	BOBJ1	92	258.68	Before	Interior Girder 4	67.42	0.95	1	1	4.153615
HS15_serv_opr	BOBJ1	92	258.68	Before	Interior Girder 5	67.42	0.95	1	1	4.904261
HS15_serv_opr	BOBJ1	92	258.68	Before	Interior Girder 6	67.42	0.95	1	1	5.137796
HS15_serv_opr	BOBJ1	92	258.68	Before	Right Exterior Girder	67.42	0.95	1	1	7.526655
HS15_serv_opr	BOBJ1	93	258.68	After	Left Exterior Girder	0	0.95	1	1	7.675333
HS15_serv_opr	BOBJ1	93	258.68	After	Interior Girder 1	0	0.95	1	1	5.349191
HS15_serv_opr	BOBJ1	93	258.68	After	Interior Girder 2	0	0.95	1	1	5.09509
HS15_serv_opr	BOBJ1	93	258.68	After	Interior Girder 3	0	0.95	1	1	4.223072
HS15_serv_opr	BOBJ1	93	258.68	After	Interior Girder 4	0	0.95	1	1	4.223072
HS15_serv_opr	BOBJ1	93	258.68	After	Interior Girder 5	0	0.95	1	1	5.09509
HS15_serv_opr	BOBJ1	93	258.68	After	Interior Girder 6	0	0.95	1	1	5.349191
HS15_serv_opr	BOBJ1	93	258.68	After	Right Exterior Girder	0	0.95	1	1	7.675333
HS15_serv_opr	BOBJ1	94	263.18	Before	Interior Girder 1	4.5	0.95	1	1	7.080292

TABLE: Bridge Super Rating AASHTORATE18 31 - SteelICompServ-Flx - Approach, Span 7-11										
Request	BridgeObj	BridgeCut	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	Unitless	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
HS15_serv_opr	BOBJ1	94	263.18	Before	Interior Girder 2	4.5	0.95	1	1	6.809346
HS15_serv_opr	BOBJ1	94	263.18	Before	Interior Girder 3	4.5	0.95	1	1	6.443332
HS15_serv_opr	BOBJ1	94	263.18	Before	Interior Girder 4	4.5	0.95	1	1	6.443332
HS15_serv_opr	BOBJ1	94	263.18	Before	Interior Girder 5	4.5	0.95	1	1	6.809346
HS15_serv_opr	BOBJ1	94	263.18	Before	Interior Girder 6	4.5	0.95	1	1	7.080292
HS15_serv_opr	BOBJ1	95	263.18	After	Interior Girder 1	4.5	0.95	1	1	5.773401
HS15_serv_opr	BOBJ1	95	263.18	After	Interior Girder 2	4.5	0.95	1	1	5.675714
HS15_serv_opr	BOBJ1	95	263.18	After	Interior Girder 3	4.5	0.95	1	1	5.334465
HS15_serv_opr	BOBJ1	95	263.18	After	Interior Girder 4	4.5	0.95	1	1	5.334465
HS15_serv_opr	BOBJ1	95	263.18	After	Interior Girder 5	4.5	0.95	1	1	5.675714
HS15_serv_opr	BOBJ1	95	263.18	After	Interior Girder 6	4.5	0.95	1	1	5.773401
HS15_serv_opr	BOBJ1	96	265.68	Before	Left Exterior Girder	7	0.95	1	1	10.841926
HS15_serv_opr	BOBJ1	96	265.68	Before	Right Exterior Girder	7	0.95	1	1	10.841926
HS15_serv_opr	BOBJ1	97	265.68	After	Left Exterior Girder	7	0.95	1	1	6.278411
HS15_serv_opr	BOBJ1	97	265.68	After	Right Exterior Girder	7	0.95	1	1	6.278411
HS15_serv_opr	BOBJ1	98	268.08	Before	Left Exterior Girder	9.4	0.95	1	1	7.323616
HS15_serv_opr	BOBJ1	98	268.08	Before	Interior Girder 1	9.4	0.95	1	1	7.299978
HS15_serv_opr	BOBJ1	98	268.08	Before	Interior Girder 2	9.4	0.95	1	1	7.237007
HS15_serv_opr	BOBJ1	98	268.08	Before	Interior Girder 3	9.4	0.95	1	1	7.13601
HS15_serv_opr	BOBJ1	98	268.08	Before	Interior Girder 4	9.4	0.95	1	1	7.13601
HS15_serv_opr	BOBJ1	98	268.08	Before	Interior Girder 5	9.4	0.95	1	1	7.237007
HS15_serv_opr	BOBJ1	98	268.08	Before	Interior Girder 6	9.4	0.95	1	1	7.299978
HS15_serv_opr	BOBJ1	98	268.08	Before	Right Exterior Girder	9.4	0.95	1	1	7.323616
HS15_serv_opr	BOBJ1	99	268.08	After	Left Exterior Girder	9.4	0.95	1	1	7.182424
HS15_serv_opr	BOBJ1	99	268.08	After	Interior Girder 1	9.4	0.95	1	1	7.413823
HS15_serv_opr	BOBJ1	99	268.08	After	Interior Girder 2	9.4	0.95	1	1	7.32464
HS15_serv_opr	BOBJ1	99	268.08	After	Interior Girder 3	9.4	0.95	1	1	7.168438
HS15_serv_opr	BOBJ1	99	268.08	After	Interior Girder 4	9.4	0.95	1	1	7.168438
HS15_serv_opr	BOBJ1	99	268.08	After	Interior Girder 5	9.4	0.95	1	1	7.32464
HS15_serv_opr	BOBJ1	99	268.08	After	Interior Girder 6	9.4	0.95	1	1	7.413823
HS15_serv_opr	BOBJ1	99	268.08	After	Right Exterior Girder	9.4	0.95	1	1	7.182424
HS15_serv_opr	BOBJ1	100	277.48	Before	Left Exterior Girder	18.8	0.95	1	1	8.120293
HS15_serv_opr	BOBJ1	100	277.48	Before	Interior Girder 1	18.8	0.95	1	1	7.39347
HS15_serv_opr	BOBJ1	100	277.48	Before	Interior Girder 2	18.8	0.95	1	1	6.797508
HS15_serv_opr	BOBJ1	100	277.48	Before	Interior Girder 3	18.8	0.95	1	1	6.628354
HS15_serv_opr	BOBJ1	100	277.48	Before	Interior Girder 4	18.8	0.95	1	1	6.628354
HS15_serv_opr	BOBJ1	100	277.48	Before	Interior Girder 5	18.8	0.95	1	1	6.797508
HS15_serv_opr	BOBJ1	100	277.48	Before	Interior Girder 6	18.8	0.95	1	1	7.39347
HS15_serv_opr	BOBJ1	100	277.48	Before	Right Exterior Girder	18.8	0.95	1	1	8.120293
HS15_serv_opr	BOBJ1	101	277.48	After	Left Exterior Girder	18.8	0.95	1	1	8.284164
HS15_serv_opr	BOBJ1	101	277.48	After	Interior Girder 1	18.8	0.95	1	1	7.278388
HS15_serv_opr	BOBJ1	101	277.48	After	Interior Girder 2	18.8	0.95	1	1	6.814185
HS15_serv_opr	BOBJ1	101	277.48	After	Interior Girder 3	18.8	0.95	1	1	6.716406
HS15_serv_opr	BOBJ1	101	277.48	After	Interior Girder 4	18.8	0.95	1	1	6.716406
HS15_serv_opr	BOBJ1	101	277.48	After	Interior Girder 5	18.8	0.95	1	1	6.814185
HS15_serv_opr	BOBJ1	101	277.48	After	Interior Girder 6	18.8	0.95	1	1	7.278388
HS15_serv_opr	BOBJ1	101	277.48	After	Right Exterior Girder	18.8	0.95	1	1	8.284164
HS15_serv_opr	BOBJ1	102	286.88	Before	Left Exterior Girder	28.2	0.95	1	1	5.910523
HS15_serv_opr	BOBJ1	102	286.88	Before	Interior Girder 1	28.2	0.95	1	1	4.844096
HS15_serv_opr	BOBJ1	102	286.88	Before	Interior Girder 2	28.2	0.95	1	1	4.646073
HS15_serv_opr	BOBJ1	102	286.88	Before	Interior Girder 3	28.2	0.95	1	1	4.487183
HS15_serv_opr	BOBJ1	102	286.88	Before	Interior Girder 4	28.2	0.95	1	1	4.487183
HS15_serv_opr	BOBJ1	102	286.88	Before	Interior Girder 5	28.2	0.95	1	1	4.646073
HS15_serv_opr	BOBJ1	102	286.88	Before	Interior Girder 6	28.2	0.95	1	1	4.844096
HS15_serv_opr	BOBJ1	102	286.88	Before	Right Exterior Girder	28.2	0.95	1	1	5.910523
HS15_serv_opr	BOBJ1	103	286.88	After	Left Exterior Girder	28.2	0.95	1	1	5.930062
HS15_serv_opr	BOBJ1	103	286.88	After	Interior Girder 1	28.2	0.95	1	1	4.839996
HS15_serv_opr	BOBJ1	103	286.88	After	Interior Girder 2	28.2	0.95	1	1	4.66233
HS15_serv_opr	BOBJ1	103	286.88	After	Interior Girder 3	28.2	0.95	1	1	4.517835
HS15_serv_opr	BOBJ1	103	286.88	After	Interior Girder 4	28.2	0.95	1	1	4.517835
HS15_serv_opr	BOBJ1	103	286.88	After	Interior Girder 5	28.2	0.95	1	1	4.66233
HS15_serv_opr	BOBJ1	103	286.88	After	Interior Girder 6	28.2	0.95	1	1	4.839996
HS15_serv_opr	BOBJ1	103	286.88	After	Right Exterior Girder	28.2	0.95	1	1	5.930062
HS15_serv_opr	BOBJ1	104	296.28	Before	Left Exterior Girder	37.6	0.95	1	1	5.479087
HS15_serv_opr	BOBJ1	104	296.28	Before	Interior Girder 1	37.6	0.95	1	1	5.085606
HS15_serv_opr	BOBJ1	104	296.28	Before	Interior Girder 2	37.6	0.95	1	1	4.848577
HS15_serv_opr	BOBJ1	104	296.28	Before	Interior Girder 3	37.6	0.95	1	1	4.818484
HS15_serv_opr	BOBJ1	104	296.28	Before	Interior Girder 4	37.6	0.95	1	1	4.818484
HS15_serv_opr	BOBJ1	104	296.28	Before	Interior Girder 5	37.6	0.95	1	1	4.848577
HS15_serv_opr	BOBJ1	104	296.28	Before	Interior Girder 6	37.6	0.95	1	1	5.085606
HS15_serv_opr	BOBJ1	104	296.28	Before	Right Exterior Girder	37.6	0.95	1	1	5.479087
HS15_serv_opr	BOBJ1	105	296.28	After	Left Exterior Girder	37.6	0.95	1	1	5.417914
HS15_serv_opr	BOBJ1	105	296.28	After	Interior Girder 1	37.6	0.95	1	1	5.130743

TABLE: Bridge Super Rating AASHTORATE18 31 - SteelICompServ-Flx - Approach, Span 7-11										
Request	BridgeObj	BridgeCut	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	Unitless	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
HS15_serv_opr	BOBJ1	105	296.28	After	Interior Girder 2	37.6	0.95	1	1	4.84015
HS15_serv_opr	BOBJ1	105	296.28	After	Interior Girder 3	37.6	0.95	1	1	4.782908
HS15_serv_opr	BOBJ1	105	296.28	After	Interior Girder 4	37.6	0.95	1	1	4.782908
HS15_serv_opr	BOBJ1	105	296.28	After	Interior Girder 5	37.6	0.95	1	1	4.84015
HS15_serv_opr	BOBJ1	105	296.28	After	Interior Girder 6	37.6	0.95	1	1	5.130743
HS15_serv_opr	BOBJ1	105	296.28	After	Right Exterior Girder	37.6	0.95	1	1	5.417914
HS15_serv_opr	BOBJ1	106	305.69	Before	Left Exterior Girder	47.01	0.95	1	1	9.448367
HS15_serv_opr	BOBJ1	106	305.69	Before	Interior Girder 1	47.01	0.95	1	1	6.781958
HS15_serv_opr	BOBJ1	106	305.69	Before	Interior Girder 2	47.01	0.95	1	1	6.490362
HS15_serv_opr	BOBJ1	106	305.69	Before	Interior Girder 3	47.01	0.95	1	1	6.161785
HS15_serv_opr	BOBJ1	106	305.69	Before	Interior Girder 4	47.01	0.95	1	1	6.161785
HS15_serv_opr	BOBJ1	106	305.69	Before	Interior Girder 5	47.01	0.95	1	1	6.490362
HS15_serv_opr	BOBJ1	106	305.69	Before	Interior Girder 6	47.01	0.95	1	1	6.781958
HS15_serv_opr	BOBJ1	106	305.69	Before	Right Exterior Girder	47.01	0.95	1	1	9.448367
HS15_serv_opr	BOBJ1	107	305.69	After	Left Exterior Girder	47.01	0.95	1	1	9.412681
HS15_serv_opr	BOBJ1	107	305.69	After	Interior Girder 1	47.01	0.95	1	1	6.800326
HS15_serv_opr	BOBJ1	107	305.69	After	Interior Girder 2	47.01	0.95	1	1	6.367481
HS15_serv_opr	BOBJ1	107	305.69	After	Interior Girder 3	47.01	0.95	1	1	5.936861
HS15_serv_opr	BOBJ1	107	305.69	After	Interior Girder 4	47.01	0.95	1	1	5.936861
HS15_serv_opr	BOBJ1	107	305.69	After	Interior Girder 5	47.01	0.95	1	1	6.367481
HS15_serv_opr	BOBJ1	107	305.69	After	Interior Girder 6	47.01	0.95	1	1	6.800326
HS15_serv_opr	BOBJ1	107	305.69	After	Right Exterior Girder	47.01	0.95	1	1	9.412681
HS15_serv_opr	BOBJ1	108	315.1	Before	Left Exterior Girder	56.42	0.95	1	1	514.380651
HS15_serv_opr	BOBJ1	108	315.1	Before	Interior Girder 1	56.42	0.95	1	1	653.338449
HS15_serv_opr	BOBJ1	108	315.1	Before	Interior Girder 2	56.42	0.95	1	1	332.784881
HS15_serv_opr	BOBJ1	108	315.1	Before	Interior Girder 3	56.42	0.95	1	1	243.079909
HS15_serv_opr	BOBJ1	108	315.1	Before	Interior Girder 4	56.42	0.95	1	1	243.079909
HS15_serv_opr	BOBJ1	108	315.1	Before	Interior Girder 5	56.42	0.95	1	1	332.784881
HS15_serv_opr	BOBJ1	108	315.1	Before	Interior Girder 6	56.42	0.95	1	1	653.338447
HS15_serv_opr	BOBJ1	108	315.1	Before	Right Exterior Girder	56.42	0.95	1	1	514.380653
HS15_serv_inv	BOBJ1	1	0	After	Left Exterior Girder	0	0.95	1	1	377.533628
HS15_serv_inv	BOBJ1	1	0	After	Interior Girder 1	0	0.95	1	1	456.804449
HS15_serv_inv	BOBJ1	1	0	After	Interior Girder 2	0	0.95	1	1	261.274167
HS15_serv_inv	BOBJ1	1	0	After	Interior Girder 3	0	0.95	1	1	182.896548
HS15_serv_inv	BOBJ1	1	0	After	Interior Girder 4	0	0.95	1	1	182.896547
HS15_serv_inv	BOBJ1	1	0	After	Interior Girder 5	0	0.95	1	1	261.274166
HS15_serv_inv	BOBJ1	1	0	After	Interior Girder 6	0	0.95	1	1	456.804455
HS15_serv_inv	BOBJ1	1	0	After	Right Exterior Girder	0	0.95	1	1	377.533628
HS15_serv_inv	BOBJ1	2	9.4	Before	Left Exterior Girder	9.4	0.95	1	1	7.203928
HS15_serv_inv	BOBJ1	2	9.4	Before	Interior Girder 1	9.4	0.95	1	1	5.216928
HS15_serv_inv	BOBJ1	2	9.4	Before	Interior Girder 2	9.4	0.95	1	1	4.888607
HS15_serv_inv	BOBJ1	2	9.4	Before	Interior Girder 3	9.4	0.95	1	1	4.562682
HS15_serv_inv	BOBJ1	2	9.4	Before	Interior Girder 4	9.4	0.95	1	1	4.562682
HS15_serv_inv	BOBJ1	2	9.4	Before	Interior Girder 5	9.4	0.95	1	1	4.888607
HS15_serv_inv	BOBJ1	2	9.4	Before	Interior Girder 6	9.4	0.95	1	1	5.216928
HS15_serv_inv	BOBJ1	2	9.4	Before	Right Exterior Girder	9.4	0.95	1	1	7.203928
HS15_serv_inv	BOBJ1	3	9.4	After	Left Exterior Girder	9.4	0.95	1	1	7.235092
HS15_serv_inv	BOBJ1	3	9.4	After	Interior Girder 1	9.4	0.95	1	1	5.200821
HS15_serv_inv	BOBJ1	3	9.4	After	Interior Girder 2	9.4	0.95	1	1	4.983055
HS15_serv_inv	BOBJ1	3	9.4	After	Interior Girder 3	9.4	0.95	1	1	4.735642
HS15_serv_inv	BOBJ1	3	9.4	After	Interior Girder 4	9.4	0.95	1	1	4.735642
HS15_serv_inv	BOBJ1	3	9.4	After	Interior Girder 5	9.4	0.95	1	1	4.983055
HS15_serv_inv	BOBJ1	3	9.4	After	Interior Girder 6	9.4	0.95	1	1	5.200821
HS15_serv_inv	BOBJ1	3	9.4	After	Right Exterior Girder	9.4	0.95	1	1	7.235092
HS15_serv_inv	BOBJ1	4	18.8	Before	Left Exterior Girder	18.8	0.95	1	1	4.156307
HS15_serv_inv	BOBJ1	4	18.8	Before	Interior Girder 1	18.8	0.95	1	1	3.931658
HS15_serv_inv	BOBJ1	4	18.8	Before	Interior Girder 2	18.8	0.95	1	1	3.715791
HS15_serv_inv	BOBJ1	4	18.8	Before	Interior Girder 3	18.8	0.95	1	1	3.675949
HS15_serv_inv	BOBJ1	4	18.8	Before	Interior Girder 4	18.8	0.95	1	1	3.675949
HS15_serv_inv	BOBJ1	4	18.8	Before	Interior Girder 5	18.8	0.95	1	1	3.715791
HS15_serv_inv	BOBJ1	4	18.8	Before	Interior Girder 6	18.8	0.95	1	1	3.931658
HS15_serv_inv	BOBJ1	4	18.8	Before	Right Exterior Girder	18.8	0.95	1	1	4.156307
HS15_serv_inv	BOBJ1	5	18.8	After	Left Exterior Girder	18.8	0.95	1	1	4.202675
HS15_serv_inv	BOBJ1	5	18.8	After	Interior Girder 1	18.8	0.95	1	1	3.898102
HS15_serv_inv	BOBJ1	5	18.8	After	Interior Girder 2	18.8	0.95	1	1	3.721889
HS15_serv_inv	BOBJ1	5	18.8	After	Interior Girder 3	18.8	0.95	1	1	3.702843
HS15_serv_inv	BOBJ1	5	18.8	After	Interior Girder 4	18.8	0.95	1	1	3.702843
HS15_serv_inv	BOBJ1	5	18.8	After	Interior Girder 5	18.8	0.95	1	1	3.721889
HS15_serv_inv	BOBJ1	5	18.8	After	Interior Girder 6	18.8	0.95	1	1	3.898102
HS15_serv_inv	BOBJ1	5	18.8	After	Right Exterior Girder	18.8	0.95	1	1	4.202675
HS15_serv_inv	BOBJ1	6	28.2	Before	Left Exterior Girder	28.2	0.95	1	1	4.552831
HS15_serv_inv	BOBJ1	6	28.2	Before	Interior Girder 1	28.2	0.95	1	1	3.712938
HS15_serv_inv	BOBJ1	6	28.2	Before	Interior Girder 2	28.2	0.95	1	1	3.579433

TABLE: Bridge Super Rating AASHTORATE18 31 - SteelICompServ-Flx - Approach, Span 7-11										
Request	BridgeObj	BridgeCut	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	Unitless	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
HS15_serv_inv	BOBJ1	6	28.2	Before	Interior Girder 3	28.2	0.95	1	1	3.470854
HS15_serv_inv	BOBJ1	6	28.2	Before	Interior Girder 4	28.2	0.95	1	1	3.470854
HS15_serv_inv	BOBJ1	6	28.2	Before	Interior Girder 5	28.2	0.95	1	1	3.579433
HS15_serv_inv	BOBJ1	6	28.2	Before	Interior Girder 6	28.2	0.95	1	1	3.712938
HS15_serv_inv	BOBJ1	6	28.2	Before	Right Exterior Girder	28.2	0.95	1	1	4.552831
HS15_serv_inv	BOBJ1	7	28.2	After	Left Exterior Girder	28.2	0.95	1	1	4.537697
HS15_serv_inv	BOBJ1	7	28.2	After	Interior Girder 1	28.2	0.95	1	1	3.71575
HS15_serv_inv	BOBJ1	7	28.2	After	Interior Girder 2	28.2	0.95	1	1	3.566932
HS15_serv_inv	BOBJ1	7	28.2	After	Interior Girder 3	28.2	0.95	1	1	3.447473
HS15_serv_inv	BOBJ1	7	28.2	After	Interior Girder 4	28.2	0.95	1	1	3.447473
HS15_serv_inv	BOBJ1	7	28.2	After	Interior Girder 5	28.2	0.95	1	1	3.566932
HS15_serv_inv	BOBJ1	7	28.2	After	Interior Girder 6	28.2	0.95	1	1	3.71575
HS15_serv_inv	BOBJ1	7	28.2	After	Right Exterior Girder	28.2	0.95	1	1	4.537697
HS15_serv_inv	BOBJ1	8	37.6	Before	Left Exterior Girder	37.6	0.95	1	1	6.363004
HS15_serv_inv	BOBJ1	8	37.6	Before	Interior Girder 1	37.6	0.95	1	1	5.585826
HS15_serv_inv	BOBJ1	8	37.6	Before	Interior Girder 2	37.6	0.95	1	1	5.231261
HS15_serv_inv	BOBJ1	8	37.6	Before	Interior Girder 3	37.6	0.95	1	1	5.157486
HS15_serv_inv	BOBJ1	8	37.6	Before	Interior Girder 4	37.6	0.95	1	1	5.157486
HS15_serv_inv	BOBJ1	8	37.6	Before	Interior Girder 5	37.6	0.95	1	1	5.231261
HS15_serv_inv	BOBJ1	8	37.6	Before	Interior Girder 6	37.6	0.95	1	1	5.585826
HS15_serv_inv	BOBJ1	8	37.6	Before	Right Exterior Girder	37.6	0.95	1	1	6.363004
HS15_serv_inv	BOBJ1	9	37.6	After	Left Exterior Girder	37.6	0.95	1	1	6.236891
HS15_serv_inv	BOBJ1	9	37.6	After	Interior Girder 1	37.6	0.95	1	1	5.673384
HS15_serv_inv	BOBJ1	9	37.6	After	Interior Girder 2	37.6	0.95	1	1	5.218758
HS15_serv_inv	BOBJ1	9	37.6	After	Interior Girder 3	37.6	0.95	1	1	5.09048
HS15_serv_inv	BOBJ1	9	37.6	After	Interior Girder 4	37.6	0.95	1	1	5.09048
HS15_serv_inv	BOBJ1	9	37.6	After	Interior Girder 5	37.6	0.95	1	1	5.218758
HS15_serv_inv	BOBJ1	9	37.6	After	Interior Girder 6	37.6	0.95	1	1	5.673384
HS15_serv_inv	BOBJ1	9	37.6	After	Right Exterior Girder	37.6	0.95	1	1	6.236891
HS15_serv_inv	BOBJ1	10	47.01	Before	Left Exterior Girder	47.01	0.95	1	1	5.52472
HS15_serv_inv	BOBJ1	10	47.01	Before	Interior Girder 1	47.01	0.95	1	1	5.703341
HS15_serv_inv	BOBJ1	10	47.01	Before	Interior Girder 2	47.01	0.95	1	1	5.634523
HS15_serv_inv	BOBJ1	10	47.01	Before	Interior Girder 3	47.01	0.95	1	1	5.519135
HS15_serv_inv	BOBJ1	10	47.01	Before	Interior Girder 4	47.01	0.95	1	1	5.519135
HS15_serv_inv	BOBJ1	10	47.01	Before	Interior Girder 5	47.01	0.95	1	1	5.634523
HS15_serv_inv	BOBJ1	10	47.01	Before	Interior Girder 6	47.01	0.95	1	1	5.703341
HS15_serv_inv	BOBJ1	10	47.01	Before	Right Exterior Girder	47.01	0.95	1	1	5.52472
HS15_serv_inv	BOBJ1	11	47.01	After	Left Exterior Girder	47.01	0.95	1	1	5.633247
HS15_serv_inv	BOBJ1	11	47.01	After	Interior Girder 1	47.01	0.95	1	1	5.616629
HS15_serv_inv	BOBJ1	11	47.01	After	Interior Girder 2	47.01	0.95	1	1	5.566753
HS15_serv_inv	BOBJ1	11	47.01	After	Interior Girder 3	47.01	0.95	1	1	5.494245
HS15_serv_inv	BOBJ1	11	47.01	After	Interior Girder 4	47.01	0.95	1	1	5.494245
HS15_serv_inv	BOBJ1	11	47.01	After	Interior Girder 5	47.01	0.95	1	1	5.566753
HS15_serv_inv	BOBJ1	11	47.01	After	Interior Girder 6	47.01	0.95	1	1	5.616629
HS15_serv_inv	BOBJ1	11	47.01	After	Right Exterior Girder	47.01	0.95	1	1	5.633247
HS15_serv_inv	BOBJ1	12	49.42	Before	Left Exterior Girder	49.42	0.95	1	1	4.810133
HS15_serv_inv	BOBJ1	12	49.42	Before	Right Exterior Girder	49.42	0.95	1	1	4.810133
HS15_serv_inv	BOBJ1	13	49.42	After	Left Exterior Girder	49.42	0.95	1	1	8.31533
HS15_serv_inv	BOBJ1	13	49.42	After	Right Exterior Girder	49.42	0.95	1	1	8.31533
HS15_serv_inv	BOBJ1	14	51.92	Before	Interior Girder 1	51.92	0.95	1	1	4.434642
HS15_serv_inv	BOBJ1	14	51.92	Before	Interior Girder 2	51.92	0.95	1	1	4.360782
HS15_serv_inv	BOBJ1	14	51.92	Before	Interior Girder 3	51.92	0.95	1	1	4.104576
HS15_serv_inv	BOBJ1	14	51.92	Before	Interior Girder 4	51.92	0.95	1	1	4.104576
HS15_serv_inv	BOBJ1	14	51.92	Before	Interior Girder 5	51.92	0.95	1	1	4.360782
HS15_serv_inv	BOBJ1	14	51.92	Before	Interior Girder 6	51.92	0.95	1	1	4.434642
HS15_serv_inv	BOBJ1	15	51.92	After	Interior Girder 1	51.92	0.95	1	1	5.439497
HS15_serv_inv	BOBJ1	15	51.92	After	Interior Girder 2	51.92	0.95	1	1	5.232237
HS15_serv_inv	BOBJ1	15	51.92	After	Interior Girder 3	51.92	0.95	1	1	4.958386
HS15_serv_inv	BOBJ1	15	51.92	After	Interior Girder 4	51.92	0.95	1	1	4.958386
HS15_serv_inv	BOBJ1	15	51.92	After	Interior Girder 5	51.92	0.95	1	1	5.232237
HS15_serv_inv	BOBJ1	15	51.92	After	Interior Girder 6	51.92	0.95	1	1	5.439497
HS15_serv_inv	BOBJ1	16	56.42	Before	Left Exterior Girder	56.42	0.95	1	1	5.898284
HS15_serv_inv	BOBJ1	16	56.42	Before	Interior Girder 1	56.42	0.95	1	1	4.103889
HS15_serv_inv	BOBJ1	16	56.42	Before	Interior Girder 2	56.42	0.95	1	1	3.91041
HS15_serv_inv	BOBJ1	16	56.42	Before	Interior Girder 3	56.42	0.95	1	1	3.247176
HS15_serv_inv	BOBJ1	16	56.42	Before	Interior Girder 4	56.42	0.95	1	1	3.247176
HS15_serv_inv	BOBJ1	16	56.42	Before	Interior Girder 5	56.42	0.95	1	1	3.91041
HS15_serv_inv	BOBJ1	16	56.42	Before	Interior Girder 6	56.42	0.95	1	1	4.103889
HS15_serv_inv	BOBJ1	16	56.42	Before	Right Exterior Girder	56.42	0.95	1	1	5.898284
HS15_serv_inv	BOBJ1	17	56.42	After	Left Exterior Girder	0	0.95	1	1	5.772263
HS15_serv_inv	BOBJ1	17	56.42	After	Interior Girder 1	0	0.95	1	1	3.951585
HS15_serv_inv	BOBJ1	17	56.42	After	Interior Girder 2	0	0.95	1	1	3.776237
HS15_serv_inv	BOBJ1	17	56.42	After	Interior Girder 3	0	0.95	1	1	3.192192

TABLE: Bridge Super Rating AASHTORATE18 31 - SteelICompServ-Flx - Approach, Span 7-11										
Request	BridgeObj	BridgeCut	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	Unitless	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
HS15_serv_inv	BOBJ1	17	56.42	After	Interior Girder 4	0	0.95	1	1	3.192192
HS15_serv_inv	BOBJ1	17	56.42	After	Interior Girder 5	0	0.95	1	1	3.776237
HS15_serv_inv	BOBJ1	17	56.42	After	Interior Girder 6	0	0.95	1	1	3.951585
HS15_serv_inv	BOBJ1	17	56.42	After	Right Exterior Girder	0	0.95	1	1	5.772263
HS15_serv_inv	BOBJ1	18	60.92	Before	Interior Girder 1	4.5	0.95	1	1	6.301853
HS15_serv_inv	BOBJ1	18	60.92	Before	Interior Girder 2	4.5	0.95	1	1	5.90538
HS15_serv_inv	BOBJ1	18	60.92	Before	Interior Girder 3	4.5	0.95	1	1	5.408153
HS15_serv_inv	BOBJ1	18	60.92	Before	Interior Girder 4	4.5	0.95	1	1	5.408153
HS15_serv_inv	BOBJ1	18	60.92	Before	Interior Girder 5	4.5	0.95	1	1	5.90538
HS15_serv_inv	BOBJ1	18	60.92	Before	Interior Girder 6	4.5	0.95	1	1	6.301853
HS15_serv_inv	BOBJ1	19	60.92	After	Interior Girder 1	4.5	0.95	1	1	5.157008
HS15_serv_inv	BOBJ1	19	60.92	After	Interior Girder 2	4.5	0.95	1	1	4.925381
HS15_serv_inv	BOBJ1	19	60.92	After	Interior Girder 3	4.5	0.95	1	1	4.489908
HS15_serv_inv	BOBJ1	19	60.92	After	Interior Girder 4	4.5	0.95	1	1	4.489908
HS15_serv_inv	BOBJ1	19	60.92	After	Interior Girder 5	4.5	0.95	1	1	4.925381
HS15_serv_inv	BOBJ1	19	60.92	After	Interior Girder 6	4.5	0.95	1	1	5.157008
HS15_serv_inv	BOBJ1	20	63.42	Before	Left Exterior Girder	7	0.95	1	1	10.241249
HS15_serv_inv	BOBJ1	20	63.42	Before	Right Exterior Girder	7	0.95	1	1	10.241249
HS15_serv_inv	BOBJ1	21	63.42	After	Left Exterior Girder	7	0.95	1	1	5.894476
HS15_serv_inv	BOBJ1	21	63.42	After	Right Exterior Girder	7	0.95	1	1	5.894476
HS15_serv_inv	BOBJ1	22	64.845	Before	Left Exterior Girder	8.425	0.95	1	1	6.446644
HS15_serv_inv	BOBJ1	22	64.845	Before	Interior Girder 1	8.425	0.95	1	1	6.294162
HS15_serv_inv	BOBJ1	22	64.845	Before	Interior Girder 2	8.425	0.95	1	1	6.003558
HS15_serv_inv	BOBJ1	22	64.845	Before	Interior Girder 3	8.425	0.95	1	1	5.815688
HS15_serv_inv	BOBJ1	22	64.845	Before	Interior Girder 4	8.425	0.95	1	1	5.815688
HS15_serv_inv	BOBJ1	22	64.845	Before	Interior Girder 5	8.425	0.95	1	1	6.003558
HS15_serv_inv	BOBJ1	22	64.845	Before	Interior Girder 6	8.425	0.95	1	1	6.294162
HS15_serv_inv	BOBJ1	22	64.845	Before	Right Exterior Girder	8.425	0.95	1	1	6.446644
HS15_serv_inv	BOBJ1	23	64.845	After	Left Exterior Girder	8.425	0.95	1	1	6.389813
HS15_serv_inv	BOBJ1	23	64.845	After	Interior Girder 1	8.425	0.95	1	1	6.360616
HS15_serv_inv	BOBJ1	23	64.845	After	Interior Girder 2	8.425	0.95	1	1	6.065248
HS15_serv_inv	BOBJ1	23	64.845	After	Interior Girder 3	8.425	0.95	1	1	5.8544
HS15_serv_inv	BOBJ1	23	64.845	After	Interior Girder 4	8.425	0.95	1	1	5.8544
HS15_serv_inv	BOBJ1	23	64.845	After	Interior Girder 5	8.425	0.95	1	1	6.065248
HS15_serv_inv	BOBJ1	23	64.845	After	Interior Girder 6	8.425	0.95	1	1	6.360616
HS15_serv_inv	BOBJ1	23	64.845	After	Right Exterior Girder	8.425	0.95	1	1	6.389813
HS15_serv_inv	BOBJ1	24	69.92	Before	Left Exterior Girder	13.5	0.95	1	1	8.433411
HS15_serv_inv	BOBJ1	24	69.92	Before	Interior Girder 1	13.5	0.95	1	1	7.910673
HS15_serv_inv	BOBJ1	24	69.92	Before	Interior Girder 2	13.5	0.95	1	1	7.740123
HS15_serv_inv	BOBJ1	24	69.92	Before	Interior Girder 3	13.5	0.95	1	1	7.930192
HS15_serv_inv	BOBJ1	24	69.92	Before	Interior Girder 4	13.5	0.95	1	1	7.930192
HS15_serv_inv	BOBJ1	24	69.92	Before	Interior Girder 5	13.5	0.95	1	1	7.740123
HS15_serv_inv	BOBJ1	24	69.92	Before	Interior Girder 6	13.5	0.95	1	1	7.910673
HS15_serv_inv	BOBJ1	24	69.92	Before	Right Exterior Girder	13.5	0.95	1	1	8.433411
HS15_serv_inv	BOBJ1	25	69.92	After	Left Exterior Girder	13.5	0.95	1	1	7.246558
HS15_serv_inv	BOBJ1	25	69.92	After	Interior Girder 1	13.5	0.95	1	1	7.393272
HS15_serv_inv	BOBJ1	25	69.92	After	Interior Girder 2	13.5	0.95	1	1	7.258593
HS15_serv_inv	BOBJ1	25	69.92	After	Interior Girder 3	13.5	0.95	1	1	7.409055
HS15_serv_inv	BOBJ1	25	69.92	After	Interior Girder 4	13.5	0.95	1	1	7.409055
HS15_serv_inv	BOBJ1	25	69.92	After	Interior Girder 5	13.5	0.95	1	1	7.258593
HS15_serv_inv	BOBJ1	25	69.92	After	Interior Girder 6	13.5	0.95	1	1	7.393272
HS15_serv_inv	BOBJ1	25	69.92	After	Right Exterior Girder	13.5	0.95	1	1	7.246558
HS15_serv_inv	BOBJ1	26	73.27	Before	Left Exterior Girder	16.85	0.95	1	1	7.743163
HS15_serv_inv	BOBJ1	26	73.27	Before	Interior Girder 1	16.85	0.95	1	1	6.750759
HS15_serv_inv	BOBJ1	26	73.27	Before	Interior Girder 2	16.85	0.95	1	1	6.18241
HS15_serv_inv	BOBJ1	26	73.27	Before	Interior Girder 3	16.85	0.95	1	1	5.999684
HS15_serv_inv	BOBJ1	26	73.27	Before	Interior Girder 4	16.85	0.95	1	1	5.999684
HS15_serv_inv	BOBJ1	26	73.27	Before	Interior Girder 5	16.85	0.95	1	1	6.18241
HS15_serv_inv	BOBJ1	26	73.27	Before	Interior Girder 6	16.85	0.95	1	1	6.750759
HS15_serv_inv	BOBJ1	26	73.27	Before	Right Exterior Girder	16.85	0.95	1	1	7.743163
HS15_serv_inv	BOBJ1	27	73.27	After	Left Exterior Girder	16.85	0.95	1	1	7.923398
HS15_serv_inv	BOBJ1	27	73.27	After	Interior Girder 1	16.85	0.95	1	1	6.64513
HS15_serv_inv	BOBJ1	27	73.27	After	Interior Girder 2	16.85	0.95	1	1	6.150111
HS15_serv_inv	BOBJ1	27	73.27	After	Interior Girder 3	16.85	0.95	1	1	6.041775
HS15_serv_inv	BOBJ1	27	73.27	After	Interior Girder 4	16.85	0.95	1	1	6.041775
HS15_serv_inv	BOBJ1	27	73.27	After	Interior Girder 5	16.85	0.95	1	1	6.150111
HS15_serv_inv	BOBJ1	27	73.27	After	Interior Girder 6	16.85	0.95	1	1	6.64513
HS15_serv_inv	BOBJ1	27	73.27	After	Right Exterior Girder	16.85	0.95	1	1	7.923398
HS15_serv_inv	BOBJ1	28	81.695	Before	Left Exterior Girder	25.275	0.95	1	1	4.782651
HS15_serv_inv	BOBJ1	28	81.695	Before	Interior Girder 1	25.275	0.95	1	1	4.072188
HS15_serv_inv	BOBJ1	28	81.695	Before	Interior Girder 2	25.275	0.95	1	1	3.916403
HS15_serv_inv	BOBJ1	28	81.695	Before	Interior Girder 3	25.275	0.95	1	1	3.799674
HS15_serv_inv	BOBJ1	28	81.695	Before	Interior Girder 4	25.275	0.95	1	1	3.799674

TABLE: Bridge Super Rating AASHTORATE18 31 - SteelICompServ-Flx - Approach, Span 7-11										
Request	BridgeObj	BridgeCut	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	Unitless	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
HS15_serv_inv	BOBJ1	28	81.695	Before	Interior Girder 5	25.275	0.95	1	1	3.916403
HS15_serv_inv	BOBJ1	28	81.695	Before	Interior Girder 6	25.275	0.95	1	1	4.072188
HS15_serv_inv	BOBJ1	28	81.695	Before	Right Exterior Girder	25.275	0.95	1	1	4.782651
HS15_serv_inv	BOBJ1	29	81.695	After	Left Exterior Girder	25.275	0.95	1	1	4.858054
HS15_serv_inv	BOBJ1	29	81.695	After	Interior Girder 1	25.275	0.95	1	1	4.043231
HS15_serv_inv	BOBJ1	29	81.695	After	Interior Girder 2	25.275	0.95	1	1	3.914469
HS15_serv_inv	BOBJ1	29	81.695	After	Interior Girder 3	25.275	0.95	1	1	3.837935
HS15_serv_inv	BOBJ1	29	81.695	After	Interior Girder 4	25.275	0.95	1	1	3.837935
HS15_serv_inv	BOBJ1	29	81.695	After	Interior Girder 5	25.275	0.95	1	1	3.914469
HS15_serv_inv	BOBJ1	29	81.695	After	Interior Girder 6	25.275	0.95	1	1	4.043231
HS15_serv_inv	BOBJ1	29	81.695	After	Right Exterior Girder	25.275	0.95	1	1	4.858054
HS15_serv_inv	BOBJ1	30	90.12	Before	Left Exterior Girder	33.7	0.95	1	1	3.890749
HS15_serv_inv	BOBJ1	30	90.12	Before	Interior Girder 1	33.7	0.95	1	1	3.82523
HS15_serv_inv	BOBJ1	30	90.12	Before	Interior Girder 2	33.7	0.95	1	1	3.724519
HS15_serv_inv	BOBJ1	30	90.12	Before	Interior Girder 3	33.7	0.95	1	1	3.726978
HS15_serv_inv	BOBJ1	30	90.12	Before	Interior Girder 4	33.7	0.95	1	1	3.726978
HS15_serv_inv	BOBJ1	30	90.12	Before	Interior Girder 5	33.7	0.95	1	1	3.724519
HS15_serv_inv	BOBJ1	30	90.12	Before	Interior Girder 6	33.7	0.95	1	1	3.82523
HS15_serv_inv	BOBJ1	30	90.12	Before	Right Exterior Girder	33.7	0.95	1	1	3.890749
HS15_serv_inv	BOBJ1	31	90.12	After	Left Exterior Girder	33.7	0.95	1	1	3.896226
HS15_serv_inv	BOBJ1	31	90.12	After	Interior Girder 1	33.7	0.95	1	1	3.824091
HS15_serv_inv	BOBJ1	31	90.12	After	Interior Girder 2	33.7	0.95	1	1	3.719987
HS15_serv_inv	BOBJ1	31	90.12	After	Interior Girder 3	33.7	0.95	1	1	3.725327
HS15_serv_inv	BOBJ1	31	90.12	After	Interior Girder 4	33.7	0.95	1	1	3.725327
HS15_serv_inv	BOBJ1	31	90.12	After	Interior Girder 5	33.7	0.95	1	1	3.719987
HS15_serv_inv	BOBJ1	31	90.12	After	Interior Girder 6	33.7	0.95	1	1	3.824091
HS15_serv_inv	BOBJ1	31	90.12	After	Right Exterior Girder	33.7	0.95	1	1	3.896226
HS15_serv_inv	BOBJ1	32	98.545	Before	Left Exterior Girder	42.125	0.95	1	1	4.725866
HS15_serv_inv	BOBJ1	32	98.545	Before	Interior Girder 1	42.125	0.95	1	1	3.984833
HS15_serv_inv	BOBJ1	32	98.545	Before	Interior Girder 2	42.125	0.95	1	1	3.874685
HS15_serv_inv	BOBJ1	32	98.545	Before	Interior Girder 3	42.125	0.95	1	1	3.802221
HS15_serv_inv	BOBJ1	32	98.545	Before	Interior Girder 4	42.125	0.95	1	1	3.802221
HS15_serv_inv	BOBJ1	32	98.545	Before	Interior Girder 5	42.125	0.95	1	1	3.874685
HS15_serv_inv	BOBJ1	32	98.545	Before	Interior Girder 6	42.125	0.95	1	1	3.984833
HS15_serv_inv	BOBJ1	32	98.545	Before	Right Exterior Girder	42.125	0.95	1	1	4.725866
HS15_serv_inv	BOBJ1	33	98.545	After	Left Exterior Girder	42.125	0.95	1	1	4.664305
HS15_serv_inv	BOBJ1	33	98.545	After	Interior Girder 1	42.125	0.95	1	1	4.009154
HS15_serv_inv	BOBJ1	33	98.545	After	Interior Girder 2	42.125	0.95	1	1	3.873599
HS15_serv_inv	BOBJ1	33	98.545	After	Interior Girder 3	42.125	0.95	1	1	3.763548
HS15_serv_inv	BOBJ1	33	98.545	After	Interior Girder 4	42.125	0.95	1	1	3.763548
HS15_serv_inv	BOBJ1	33	98.545	After	Interior Girder 5	42.125	0.95	1	1	3.873599
HS15_serv_inv	BOBJ1	33	98.545	After	Interior Girder 6	42.125	0.95	1	1	4.009154
HS15_serv_inv	BOBJ1	33	98.545	After	Right Exterior Girder	42.125	0.95	1	1	4.664305
HS15_serv_inv	BOBJ1	34	106.97	Before	Left Exterior Girder	50.55	0.95	1	1	7.450137
HS15_serv_inv	BOBJ1	34	106.97	Before	Interior Girder 1	50.55	0.95	1	1	6.445999
HS15_serv_inv	BOBJ1	34	106.97	Before	Interior Girder 2	50.55	0.95	1	1	6.023183
HS15_serv_inv	BOBJ1	34	106.97	Before	Interior Girder 3	50.55	0.95	1	1	5.957149
HS15_serv_inv	BOBJ1	34	106.97	Before	Interior Girder 4	50.55	0.95	1	1	5.957149
HS15_serv_inv	BOBJ1	34	106.97	Before	Interior Girder 5	50.55	0.95	1	1	6.023183
HS15_serv_inv	BOBJ1	34	106.97	Before	Interior Girder 6	50.55	0.95	1	1	6.445999
HS15_serv_inv	BOBJ1	34	106.97	Before	Right Exterior Girder	50.55	0.95	1	1	7.450137
HS15_serv_inv	BOBJ1	35	106.97	After	Left Exterior Girder	50.55	0.95	1	1	7.263249
HS15_serv_inv	BOBJ1	35	106.97	After	Interior Girder 1	50.55	0.95	1	1	6.551393
HS15_serv_inv	BOBJ1	35	106.97	After	Interior Girder 2	50.55	0.95	1	1	6.021513
HS15_serv_inv	BOBJ1	35	106.97	After	Interior Girder 3	50.55	0.95	1	1	5.861459
HS15_serv_inv	BOBJ1	35	106.97	After	Interior Girder 4	50.55	0.95	1	1	5.861459
HS15_serv_inv	BOBJ1	35	106.97	After	Interior Girder 5	50.55	0.95	1	1	6.021513
HS15_serv_inv	BOBJ1	35	106.97	After	Interior Girder 6	50.55	0.95	1	1	6.551393
HS15_serv_inv	BOBJ1	35	106.97	After	Right Exterior Girder	50.55	0.95	1	1	7.263249
HS15_serv_inv	BOBJ1	36	115.405	Before	Left Exterior Girder	58.985	0.95	1	1	4.759065
HS15_serv_inv	BOBJ1	36	115.405	Before	Interior Girder 1	58.985	0.95	1	1	5.220088
HS15_serv_inv	BOBJ1	36	115.405	Before	Interior Girder 2	58.985	0.95	1	1	5.170713
HS15_serv_inv	BOBJ1	36	115.405	Before	Interior Girder 3	58.985	0.95	1	1	5.042094
HS15_serv_inv	BOBJ1	36	115.405	Before	Interior Girder 4	58.985	0.95	1	1	5.042094
HS15_serv_inv	BOBJ1	36	115.405	Before	Interior Girder 5	58.985	0.95	1	1	5.170713
HS15_serv_inv	BOBJ1	36	115.405	Before	Interior Girder 6	58.985	0.95	1	1	5.220088
HS15_serv_inv	BOBJ1	36	115.405	Before	Right Exterior Girder	58.985	0.95	1	1	4.759065
HS15_serv_inv	BOBJ1	37	115.405	After	Left Exterior Girder	58.985	0.95	1	1	4.866097
HS15_serv_inv	BOBJ1	37	115.405	After	Interior Girder 1	58.985	0.95	1	1	5.130439
HS15_serv_inv	BOBJ1	37	115.405	After	Interior Girder 2	58.985	0.95	1	1	5.123863
HS15_serv_inv	BOBJ1	37	115.405	After	Interior Girder 3	58.985	0.95	1	1	5.028384
HS15_serv_inv	BOBJ1	37	115.405	After	Interior Girder 4	58.985	0.95	1	1	5.028384
HS15_serv_inv	BOBJ1	37	115.405	After	Interior Girder 5	58.985	0.95	1	1	5.123863

TABLE: Bridge Super Rating AASHTORATE18 31 - SteelICompServ-Flx - Approach, Span 7-11										
Request	BridgeObj	BridgeCut	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	Unitless	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
HS15_serv_inv	BOBJ1	37	115.405	After	Interior Girder 6	58.985	0.95	1	1	5.130439
HS15_serv_inv	BOBJ1	37	115.405	After	Right Exterior Girder	58.985	0.95	1	1	4.866097
HS15_serv_inv	BOBJ1	38	116.34	Before	Left Exterior Girder	59.92	0.95	1	1	4.515682
HS15_serv_inv	BOBJ1	38	116.34	Before	Right Exterior Girder	59.92	0.95	1	1	4.515682
HS15_serv_inv	BOBJ1	39	116.34	After	Left Exterior Girder	59.92	0.95	1	1	8.967441
HS15_serv_inv	BOBJ1	39	116.34	After	Right Exterior Girder	59.92	0.95	1	1	8.967441
HS15_serv_inv	BOBJ1	40	118.84	Before	Interior Girder 1	62.42	0.95	1	1	4.339462
HS15_serv_inv	BOBJ1	40	118.84	Before	Interior Girder 2	62.42	0.95	1	1	4.298764
HS15_serv_inv	BOBJ1	40	118.84	Before	Interior Girder 3	62.42	0.95	1	1	4.058591
HS15_serv_inv	BOBJ1	40	118.84	Before	Interior Girder 4	62.42	0.95	1	1	4.058591
HS15_serv_inv	BOBJ1	40	118.84	Before	Interior Girder 5	62.42	0.95	1	1	4.298764
HS15_serv_inv	BOBJ1	40	118.84	Before	Interior Girder 6	62.42	0.95	1	1	4.339462
HS15_serv_inv	BOBJ1	41	118.84	After	Interior Girder 1	62.42	0.95	1	1	6.061665
HS15_serv_inv	BOBJ1	41	118.84	After	Interior Girder 2	62.42	0.95	1	1	5.875265
HS15_serv_inv	BOBJ1	41	118.84	After	Interior Girder 3	62.42	0.95	1	1	5.603531
HS15_serv_inv	BOBJ1	41	118.84	After	Interior Girder 4	62.42	0.95	1	1	5.603531
HS15_serv_inv	BOBJ1	41	118.84	After	Interior Girder 5	62.42	0.95	1	1	5.875265
HS15_serv_inv	BOBJ1	41	118.84	After	Interior Girder 6	62.42	0.95	1	1	6.061665
HS15_serv_inv	BOBJ1	42	123.84	Before	Left Exterior Girder	67.42	0.95	1	1	5.968156
HS15_serv_inv	BOBJ1	42	123.84	Before	Interior Girder 1	67.42	0.95	1	1	4.415131
HS15_serv_inv	BOBJ1	42	123.84	Before	Interior Girder 2	67.42	0.95	1	1	4.167357
HS15_serv_inv	BOBJ1	42	123.84	Before	Interior Girder 3	67.42	0.95	1	1	3.472439
HS15_serv_inv	BOBJ1	42	123.84	Before	Interior Girder 4	67.42	0.95	1	1	3.472439
HS15_serv_inv	BOBJ1	42	123.84	Before	Interior Girder 5	67.42	0.95	1	1	4.167357
HS15_serv_inv	BOBJ1	42	123.84	Before	Interior Girder 6	67.42	0.95	1	1	4.415131
HS15_serv_inv	BOBJ1	42	123.84	Before	Right Exterior Girder	67.42	0.95	1	1	5.968156
HS15_serv_inv	BOBJ1	43	123.84	After	Left Exterior Girder	0	0.95	1	1	5.913738
HS15_serv_inv	BOBJ1	43	123.84	After	Interior Girder 1	0	0.95	1	1	4.34473
HS15_serv_inv	BOBJ1	43	123.84	After	Interior Girder 2	0	0.95	1	1	4.150787
HS15_serv_inv	BOBJ1	43	123.84	After	Interior Girder 3	0	0.95	1	1	3.461667
HS15_serv_inv	BOBJ1	43	123.84	After	Interior Girder 4	0	0.95	1	1	3.461667
HS15_serv_inv	BOBJ1	43	123.84	After	Interior Girder 5	0	0.95	1	1	4.150787
HS15_serv_inv	BOBJ1	43	123.84	After	Interior Girder 6	0	0.95	1	1	4.34473
HS15_serv_inv	BOBJ1	43	123.84	After	Right Exterior Girder	0	0.95	1	1	5.913738
HS15_serv_inv	BOBJ1	44	128.84	Before	Interior Girder 1	5	0.95	1	1	6.198162
HS15_serv_inv	BOBJ1	44	128.84	Before	Interior Girder 2	5	0.95	1	1	5.98356
HS15_serv_inv	BOBJ1	44	128.84	Before	Interior Girder 3	5	0.95	1	1	5.675663
HS15_serv_inv	BOBJ1	44	128.84	Before	Interior Girder 4	5	0.95	1	1	5.675663
HS15_serv_inv	BOBJ1	44	128.84	Before	Interior Girder 5	5	0.95	1	1	5.98356
HS15_serv_inv	BOBJ1	44	128.84	Before	Interior Girder 6	5	0.95	1	1	6.198162
HS15_serv_inv	BOBJ1	45	128.84	After	Interior Girder 1	5	0.95	1	1	4.443858
HS15_serv_inv	BOBJ1	45	128.84	After	Interior Girder 2	5	0.95	1	1	4.380567
HS15_serv_inv	BOBJ1	45	128.84	After	Interior Girder 3	5	0.95	1	1	4.126249
HS15_serv_inv	BOBJ1	45	128.84	After	Interior Girder 4	5	0.95	1	1	4.126249
HS15_serv_inv	BOBJ1	45	128.84	After	Interior Girder 5	5	0.95	1	1	4.380567
HS15_serv_inv	BOBJ1	45	128.84	After	Interior Girder 6	5	0.95	1	1	4.443858
HS15_serv_inv	BOBJ1	46	131.34	Before	Left Exterior Girder	7.5	0.95	1	1	9.226752
HS15_serv_inv	BOBJ1	46	131.34	Before	Right Exterior Girder	7.5	0.95	1	1	9.226752
HS15_serv_inv	BOBJ1	47	131.34	After	Left Exterior Girder	7.5	0.95	1	1	4.649698
HS15_serv_inv	BOBJ1	47	131.34	After	Right Exterior Girder	7.5	0.95	1	1	4.649698
HS15_serv_inv	BOBJ1	48	132.265	Before	Left Exterior Girder	8.425	0.95	1	1	4.987275
HS15_serv_inv	BOBJ1	48	132.265	Before	Interior Girder 1	8.425	0.95	1	1	5.249751
HS15_serv_inv	BOBJ1	48	132.265	Before	Interior Girder 2	8.425	0.95	1	1	5.219318
HS15_serv_inv	BOBJ1	48	132.265	Before	Interior Girder 3	8.425	0.95	1	1	5.113704
HS15_serv_inv	BOBJ1	48	132.265	Before	Interior Girder 4	8.425	0.95	1	1	5.113704
HS15_serv_inv	BOBJ1	48	132.265	Before	Interior Girder 5	8.425	0.95	1	1	5.219318
HS15_serv_inv	BOBJ1	48	132.265	Before	Interior Girder 6	8.425	0.95	1	1	5.249751
HS15_serv_inv	BOBJ1	48	132.265	Before	Right Exterior Girder	8.425	0.95	1	1	4.987275
HS15_serv_inv	BOBJ1	49	132.265	After	Left Exterior Girder	8.425	0.95	1	1	4.877797
HS15_serv_inv	BOBJ1	49	132.265	After	Interior Girder 1	8.425	0.95	1	1	5.340627
HS15_serv_inv	BOBJ1	49	132.265	After	Interior Girder 2	8.425	0.95	1	1	5.267531
HS15_serv_inv	BOBJ1	49	132.265	After	Interior Girder 3	8.425	0.95	1	1	5.129943
HS15_serv_inv	BOBJ1	49	132.265	After	Interior Girder 4	8.425	0.95	1	1	5.129943
HS15_serv_inv	BOBJ1	49	132.265	After	Interior Girder 5	8.425	0.95	1	1	5.267531
HS15_serv_inv	BOBJ1	49	132.265	After	Interior Girder 6	8.425	0.95	1	1	5.340627
HS15_serv_inv	BOBJ1	49	132.265	After	Right Exterior Girder	8.425	0.95	1	1	4.877797
HS15_serv_inv	BOBJ1	50	140.69	Before	Left Exterior Girder	16.85	0.95	1	1	7.33425
HS15_serv_inv	BOBJ1	50	140.69	Before	Interior Girder 1	16.85	0.95	1	1	6.573008
HS15_serv_inv	BOBJ1	50	140.69	Before	Interior Girder 2	16.85	0.95	1	1	6.042996
HS15_serv_inv	BOBJ1	50	140.69	Before	Interior Girder 3	16.85	0.95	1	1	5.887539
HS15_serv_inv	BOBJ1	50	140.69	Before	Interior Girder 4	16.85	0.95	1	1	5.887539
HS15_serv_inv	BOBJ1	50	140.69	Before	Interior Girder 5	16.85	0.95	1	1	6.042996
HS15_serv_inv	BOBJ1	50	140.69	Before	Interior Girder 6	16.85	0.95	1	1	6.573008

TABLE: Bridge Super Rating AASHTORATE18 31 - SteelICompServ-Flx - Approach, Span 7-11										
Request	BridgeObj	BridgeCut	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	Unitless	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
HS15_serv_inv	BOBJ1	50	140.69	Before	Right Exterior Girder	16.85	0.95	1	1	7.33425
HS15_serv_inv	BOBJ1	51	140.69	After	Left Exterior Girder	16.85	0.95	1	1	7.527855
HS15_serv_inv	BOBJ1	51	140.69	After	Interior Girder 1	16.85	0.95	1	1	6.468414
HS15_serv_inv	BOBJ1	51	140.69	After	Interior Girder 2	16.85	0.95	1	1	6.043607
HS15_serv_inv	BOBJ1	51	140.69	After	Interior Girder 3	16.85	0.95	1	1	5.982664
HS15_serv_inv	BOBJ1	51	140.69	After	Interior Girder 4	16.85	0.95	1	1	5.982664
HS15_serv_inv	BOBJ1	51	140.69	After	Interior Girder 5	16.85	0.95	1	1	6.043607
HS15_serv_inv	BOBJ1	51	140.69	After	Interior Girder 6	16.85	0.95	1	1	6.468414
HS15_serv_inv	BOBJ1	51	140.69	After	Right Exterior Girder	16.85	0.95	1	1	7.527855
HS15_serv_inv	BOBJ1	52	149.115	Before	Left Exterior Girder	25.275	0.95	1	1	4.645033
HS15_serv_inv	BOBJ1	52	149.115	Before	Interior Girder 1	25.275	0.95	1	1	3.988465
HS15_serv_inv	BOBJ1	52	149.115	Before	Interior Girder 2	25.275	0.95	1	1	3.861651
HS15_serv_inv	BOBJ1	52	149.115	Before	Interior Girder 3	25.275	0.95	1	1	3.761258
HS15_serv_inv	BOBJ1	52	149.115	Before	Interior Girder 4	25.275	0.95	1	1	3.761258
HS15_serv_inv	BOBJ1	52	149.115	Before	Interior Girder 5	25.275	0.95	1	1	3.861651
HS15_serv_inv	BOBJ1	52	149.115	Before	Interior Girder 6	25.275	0.95	1	1	3.988465
HS15_serv_inv	BOBJ1	52	149.115	Before	Right Exterior Girder	25.275	0.95	1	1	4.645033
HS15_serv_inv	BOBJ1	53	149.115	After	Left Exterior Girder	25.275	0.95	1	1	4.710072
HS15_serv_inv	BOBJ1	53	149.115	After	Interior Girder 1	25.275	0.95	1	1	3.964736
HS15_serv_inv	BOBJ1	53	149.115	After	Interior Girder 2	25.275	0.95	1	1	3.861466
HS15_serv_inv	BOBJ1	53	149.115	After	Interior Girder 3	25.275	0.95	1	1	3.799482
HS15_serv_inv	BOBJ1	53	149.115	After	Interior Girder 4	25.275	0.95	1	1	3.799482
HS15_serv_inv	BOBJ1	53	149.115	After	Interior Girder 5	25.275	0.95	1	1	3.861466
HS15_serv_inv	BOBJ1	53	149.115	After	Interior Girder 6	25.275	0.95	1	1	3.964736
HS15_serv_inv	BOBJ1	53	149.115	After	Right Exterior Girder	25.275	0.95	1	1	4.710072
HS15_serv_inv	BOBJ1	54	157.54	Before	Left Exterior Girder	33.7	0.95	1	1	3.837627
HS15_serv_inv	BOBJ1	54	157.54	Before	Interior Girder 1	33.7	0.95	1	1	3.771534
HS15_serv_inv	BOBJ1	54	157.54	Before	Interior Girder 2	33.7	0.95	1	1	3.690872
HS15_serv_inv	BOBJ1	54	157.54	Before	Interior Girder 3	33.7	0.95	1	1	3.708737
HS15_serv_inv	BOBJ1	54	157.54	Before	Interior Girder 4	33.7	0.95	1	1	3.708737
HS15_serv_inv	BOBJ1	54	157.54	Before	Interior Girder 5	33.7	0.95	1	1	3.690872
HS15_serv_inv	BOBJ1	54	157.54	Before	Interior Girder 6	33.7	0.95	1	1	3.771534
HS15_serv_inv	BOBJ1	54	157.54	Before	Right Exterior Girder	33.7	0.95	1	1	3.837627
HS15_serv_inv	BOBJ1	55	157.54	After	Left Exterior Girder	33.7	0.95	1	1	3.838082
HS15_serv_inv	BOBJ1	55	157.54	After	Interior Girder 1	33.7	0.95	1	1	3.771491
HS15_serv_inv	BOBJ1	55	157.54	After	Interior Girder 2	33.7	0.95	1	1	3.69074
HS15_serv_inv	BOBJ1	55	157.54	After	Interior Girder 3	33.7	0.95	1	1	3.708891
HS15_serv_inv	BOBJ1	55	157.54	After	Interior Girder 4	33.7	0.95	1	1	3.708891
HS15_serv_inv	BOBJ1	55	157.54	After	Interior Girder 5	33.7	0.95	1	1	3.69074
HS15_serv_inv	BOBJ1	55	157.54	After	Interior Girder 6	33.7	0.95	1	1	3.771491
HS15_serv_inv	BOBJ1	55	157.54	After	Right Exterior Girder	33.7	0.95	1	1	3.838082
HS15_serv_inv	BOBJ1	56	165.965	Before	Left Exterior Girder	42.125	0.95	1	1	4.706186
HS15_serv_inv	BOBJ1	56	165.965	Before	Interior Girder 1	42.125	0.95	1	1	3.963079
HS15_serv_inv	BOBJ1	56	165.965	Before	Interior Girder 2	42.125	0.95	1	1	3.859909
HS15_serv_inv	BOBJ1	56	165.965	Before	Interior Girder 3	42.125	0.95	1	1	3.797695
HS15_serv_inv	BOBJ1	56	165.965	Before	Interior Girder 4	42.125	0.95	1	1	3.797695
HS15_serv_inv	BOBJ1	56	165.965	Before	Interior Girder 5	42.125	0.95	1	1	3.859909
HS15_serv_inv	BOBJ1	56	165.965	Before	Interior Girder 6	42.125	0.95	1	1	3.963079
HS15_serv_inv	BOBJ1	56	165.965	Before	Right Exterior Girder	42.125	0.95	1	1	4.706186
HS15_serv_inv	BOBJ1	57	165.965	After	Left Exterior Girder	42.125	0.95	1	1	4.641683
HS15_serv_inv	BOBJ1	57	165.965	After	Interior Girder 1	42.125	0.95	1	1	3.986651
HS15_serv_inv	BOBJ1	57	165.965	After	Interior Girder 2	42.125	0.95	1	1	3.860057
HS15_serv_inv	BOBJ1	57	165.965	After	Interior Girder 3	42.125	0.95	1	1	3.75964
HS15_serv_inv	BOBJ1	57	165.965	After	Interior Girder 4	42.125	0.95	1	1	3.75964
HS15_serv_inv	BOBJ1	57	165.965	After	Interior Girder 5	42.125	0.95	1	1	3.860057
HS15_serv_inv	BOBJ1	57	165.965	After	Interior Girder 6	42.125	0.95	1	1	3.986651
HS15_serv_inv	BOBJ1	57	165.965	After	Right Exterior Girder	42.125	0.95	1	1	4.641683
HS15_serv_inv	BOBJ1	58	174.39	Before	Left Exterior Girder	50.55	0.95	1	1	7.512068
HS15_serv_inv	BOBJ1	58	174.39	Before	Interior Girder 1	50.55	0.95	1	1	6.460861
HS15_serv_inv	BOBJ1	58	174.39	Before	Interior Girder 2	50.55	0.95	1	1	6.037399
HS15_serv_inv	BOBJ1	58	174.39	Before	Interior Girder 3	50.55	0.95	1	1	5.975401
HS15_serv_inv	BOBJ1	58	174.39	Before	Interior Girder 4	50.55	0.95	1	1	5.975401
HS15_serv_inv	BOBJ1	58	174.39	Before	Interior Girder 5	50.55	0.95	1	1	6.037399
HS15_serv_inv	BOBJ1	58	174.39	Before	Interior Girder 6	50.55	0.95	1	1	6.460861
HS15_serv_inv	BOBJ1	58	174.39	Before	Right Exterior Girder	50.55	0.95	1	1	7.512068
HS15_serv_inv	BOBJ1	59	174.39	After	Left Exterior Girder	50.55	0.95	1	1	7.319424
HS15_serv_inv	BOBJ1	59	174.39	After	Interior Girder 1	50.55	0.95	1	1	6.565467
HS15_serv_inv	BOBJ1	59	174.39	After	Interior Girder 2	50.55	0.95	1	1	6.036905
HS15_serv_inv	BOBJ1	59	174.39	After	Interior Girder 3	50.55	0.95	1	1	5.880576
HS15_serv_inv	BOBJ1	59	174.39	After	Interior Girder 4	50.55	0.95	1	1	5.880576
HS15_serv_inv	BOBJ1	59	174.39	After	Interior Girder 5	50.55	0.95	1	1	6.036905
HS15_serv_inv	BOBJ1	59	174.39	After	Interior Girder 6	50.55	0.95	1	1	6.565467
HS15_serv_inv	BOBJ1	59	174.39	After	Right Exterior Girder	50.55	0.95	1	1	7.319424

TABLE: Bridge Super Rating AASHTORATE18 31 - SteelICompServ-Flx - Approach, Span 7-11										
Request	BridgeObj	BridgeCut	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	Unitless	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
HS15_serv_inv	BOBJ1	60	182.825	Before	Left Exterior Girder	58.985	0.95	1	1	4.88286
HS15_serv_inv	BOBJ1	60	182.825	Before	Interior Girder 1	58.985	0.95	1	1	5.338515
HS15_serv_inv	BOBJ1	60	182.825	Before	Interior Girder 2	58.985	0.95	1	1	5.264728
HS15_serv_inv	BOBJ1	60	182.825	Before	Interior Girder 3	58.985	0.95	1	1	5.13284
HS15_serv_inv	BOBJ1	60	182.825	Before	Interior Girder 4	58.985	0.95	1	1	5.13284
HS15_serv_inv	BOBJ1	60	182.825	Before	Interior Girder 5	58.985	0.95	1	1	5.264728
HS15_serv_inv	BOBJ1	60	182.825	Before	Interior Girder 6	58.985	0.95	1	1	5.338515
HS15_serv_inv	BOBJ1	60	182.825	Before	Right Exterior Girder	58.985	0.95	1	1	4.88286
HS15_serv_inv	BOBJ1	61	182.825	After	Left Exterior Girder	58.985	0.95	1	1	4.992711
HS15_serv_inv	BOBJ1	61	182.825	After	Interior Girder 1	58.985	0.95	1	1	5.247677
HS15_serv_inv	BOBJ1	61	182.825	After	Interior Girder 2	58.985	0.95	1	1	5.21638
HS15_serv_inv	BOBJ1	61	182.825	After	Interior Girder 3	58.985	0.95	1	1	5.117073
HS15_serv_inv	BOBJ1	61	182.825	After	Interior Girder 4	58.985	0.95	1	1	5.117073
HS15_serv_inv	BOBJ1	61	182.825	After	Interior Girder 5	58.985	0.95	1	1	5.21638
HS15_serv_inv	BOBJ1	61	182.825	After	Interior Girder 6	58.985	0.95	1	1	5.247677
HS15_serv_inv	BOBJ1	61	182.825	After	Right Exterior Girder	58.985	0.95	1	1	4.992711
HS15_serv_inv	BOBJ1	62	183.76	Before	Left Exterior Girder	59.92	0.95	1	1	4.63423
HS15_serv_inv	BOBJ1	62	183.76	Before	Right Exterior Girder	59.92	0.95	1	1	4.63423
HS15_serv_inv	BOBJ1	63	183.76	After	Left Exterior Girder	59.92	0.95	1	1	9.203054
HS15_serv_inv	BOBJ1	63	183.76	After	Right Exterior Girder	59.92	0.95	1	1	9.203054
HS15_serv_inv	BOBJ1	64	186.26	Before	Interior Girder 1	62.42	0.95	1	1	4.43839
HS15_serv_inv	BOBJ1	64	186.26	Before	Interior Girder 2	62.42	0.95	1	1	4.374964
HS15_serv_inv	BOBJ1	64	186.26	Before	Interior Girder 3	62.42	0.95	1	1	4.127227
HS15_serv_inv	BOBJ1	64	186.26	Before	Interior Girder 4	62.42	0.95	1	1	4.127227
HS15_serv_inv	BOBJ1	64	186.26	Before	Interior Girder 5	62.42	0.95	1	1	4.374964
HS15_serv_inv	BOBJ1	64	186.26	Before	Interior Girder 6	62.42	0.95	1	1	4.43839
HS15_serv_inv	BOBJ1	65	186.26	After	Interior Girder 1	62.42	0.95	1	1	6.191783
HS15_serv_inv	BOBJ1	65	186.26	After	Interior Girder 2	62.42	0.95	1	1	5.976974
HS15_serv_inv	BOBJ1	65	186.26	After	Interior Girder 3	62.42	0.95	1	1	5.677816
HS15_serv_inv	BOBJ1	65	186.26	After	Interior Girder 4	62.42	0.95	1	1	5.677816
HS15_serv_inv	BOBJ1	65	186.26	After	Interior Girder 5	62.42	0.95	1	1	5.976974
HS15_serv_inv	BOBJ1	65	186.26	After	Interior Girder 6	62.42	0.95	1	1	6.191783
HS15_serv_inv	BOBJ1	66	191.26	Before	Left Exterior Girder	67.42	0.95	1	1	5.916525
HS15_serv_inv	BOBJ1	66	191.26	Before	Interior Girder 1	67.42	0.95	1	1	4.337751
HS15_serv_inv	BOBJ1	66	191.26	Before	Interior Girder 2	67.42	0.95	1	1	4.141684
HS15_serv_inv	BOBJ1	66	191.26	Before	Interior Girder 3	67.42	0.95	1	1	3.461391
HS15_serv_inv	BOBJ1	66	191.26	Before	Interior Girder 4	67.42	0.95	1	1	3.461391
HS15_serv_inv	BOBJ1	66	191.26	Before	Interior Girder 5	67.42	0.95	1	1	4.141684
HS15_serv_inv	BOBJ1	66	191.26	Before	Interior Girder 6	67.42	0.95	1	1	4.337751
HS15_serv_inv	BOBJ1	66	191.26	Before	Right Exterior Girder	67.42	0.95	1	1	5.916525
HS15_serv_inv	BOBJ1	67	191.26	After	Left Exterior Girder	0	0.95	1	1	5.959714
HS15_serv_inv	BOBJ1	67	191.26	After	Interior Girder 1	0	0.95	1	1	4.418466
HS15_serv_inv	BOBJ1	67	191.26	After	Interior Girder 2	0	0.95	1	1	4.173447
HS15_serv_inv	BOBJ1	67	191.26	After	Interior Girder 3	0	0.95	1	1	3.470788
HS15_serv_inv	BOBJ1	67	191.26	After	Interior Girder 4	0	0.95	1	1	3.470788
HS15_serv_inv	BOBJ1	67	191.26	After	Interior Girder 5	0	0.95	1	1	4.173447
HS15_serv_inv	BOBJ1	67	191.26	After	Interior Girder 6	0	0.95	1	1	4.418466
HS15_serv_inv	BOBJ1	67	191.26	After	Right Exterior Girder	0	0.95	1	1	5.959714
HS15_serv_inv	BOBJ1	68	196.26	Before	Interior Girder 1	5	0.95	1	1	6.064333
HS15_serv_inv	BOBJ1	68	196.26	Before	Interior Girder 2	5	0.95	1	1	5.879248
HS15_serv_inv	BOBJ1	68	196.26	Before	Interior Girder 3	5	0.95	1	1	5.599357
HS15_serv_inv	BOBJ1	68	196.26	Before	Interior Girder 4	5	0.95	1	1	5.599357
HS15_serv_inv	BOBJ1	68	196.26	Before	Interior Girder 5	5	0.95	1	1	5.879248
HS15_serv_inv	BOBJ1	68	196.26	Before	Interior Girder 6	5	0.95	1	1	6.064333
HS15_serv_inv	BOBJ1	69	196.26	After	Interior Girder 1	5	0.95	1	1	4.341156
HS15_serv_inv	BOBJ1	69	196.26	After	Interior Girder 2	5	0.95	1	1	4.30176
HS15_serv_inv	BOBJ1	69	196.26	After	Interior Girder 3	5	0.95	1	1	4.055717
HS15_serv_inv	BOBJ1	69	196.26	After	Interior Girder 4	5	0.95	1	1	4.055717
HS15_serv_inv	BOBJ1	69	196.26	After	Interior Girder 5	5	0.95	1	1	4.30176
HS15_serv_inv	BOBJ1	69	196.26	After	Interior Girder 6	5	0.95	1	1	4.341156
HS15_serv_inv	BOBJ1	70	198.76	Before	Left Exterior Girder	7.5	0.95	1	1	8.986462
HS15_serv_inv	BOBJ1	70	198.76	Before	Right Exterior Girder	7.5	0.95	1	1	8.986462
HS15_serv_inv	BOBJ1	71	198.76	After	Left Exterior Girder	7.5	0.95	1	1	4.526552
HS15_serv_inv	BOBJ1	71	198.76	After	Right Exterior Girder	7.5	0.95	1	1	4.526552
HS15_serv_inv	BOBJ1	72	199.685	Before	Left Exterior Girder	8.425	0.95	1	1	4.856739
HS15_serv_inv	BOBJ1	72	199.685	Before	Interior Girder 1	8.425	0.95	1	1	5.129302
HS15_serv_inv	BOBJ1	72	199.685	Before	Interior Girder 2	8.425	0.95	1	1	5.124533
HS15_serv_inv	BOBJ1	72	199.685	Before	Interior Girder 3	8.425	0.95	1	1	5.023261
HS15_serv_inv	BOBJ1	72	199.685	Before	Interior Girder 4	8.425	0.95	1	1	5.023261
HS15_serv_inv	BOBJ1	72	199.685	Before	Interior Girder 5	8.425	0.95	1	1	5.124533
HS15_serv_inv	BOBJ1	72	199.685	Before	Interior Girder 6	8.425	0.95	1	1	5.129302
HS15_serv_inv	BOBJ1	72	199.685	Before	Right Exterior Girder	8.425	0.95	1	1	4.856739
HS15_serv_inv	BOBJ1	73	199.685	After	Left Exterior Girder	8.425	0.95	1	1	4.749829

TABLE: Bridge Super Rating AASHTORATE18 31 - SteelICompServ-Flx - Approach, Span 7-11										
Request	BridgeObj	BridgeCut	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	Unitless	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
HS15_serv_inv	BOBJ1	73	199.685	After	Interior Girder 1	8.425	0.95	1	1	5.219041
HS15_serv_inv	BOBJ1	73	199.685	After	Interior Girder 2	8.425	0.95	1	1	5.171297
HS15_serv_inv	BOBJ1	73	199.685	After	Interior Girder 3	8.425	0.95	1	1	5.037507
HS15_serv_inv	BOBJ1	73	199.685	After	Interior Girder 4	8.425	0.95	1	1	5.037507
HS15_serv_inv	BOBJ1	73	199.685	After	Interior Girder 5	8.425	0.95	1	1	5.171297
HS15_serv_inv	BOBJ1	73	199.685	After	Interior Girder 6	8.425	0.95	1	1	5.219041
HS15_serv_inv	BOBJ1	73	199.685	After	Right Exterior Girder	8.425	0.95	1	1	4.749829
HS15_serv_inv	BOBJ1	74	208.11	Before	Left Exterior Girder	16.85	0.95	1	1	7.27917
HS15_serv_inv	BOBJ1	74	208.11	Before	Interior Girder 1	16.85	0.95	1	1	6.559923
HS15_serv_inv	BOBJ1	74	208.11	Before	Interior Girder 2	16.85	0.95	1	1	6.028188
HS15_serv_inv	BOBJ1	74	208.11	Before	Interior Girder 3	16.85	0.95	1	1	5.868852
HS15_serv_inv	BOBJ1	74	208.11	Before	Interior Girder 4	16.85	0.95	1	1	5.868852
HS15_serv_inv	BOBJ1	74	208.11	Before	Interior Girder 5	16.85	0.95	1	1	6.028188
HS15_serv_inv	BOBJ1	74	208.11	Before	Interior Girder 6	16.85	0.95	1	1	6.559923
HS15_serv_inv	BOBJ1	74	208.11	Before	Right Exterior Girder	16.85	0.95	1	1	7.27917
HS15_serv_inv	BOBJ1	75	208.11	After	Left Exterior Girder	16.85	0.95	1	1	7.467318
HS15_serv_inv	BOBJ1	75	208.11	After	Interior Girder 1	16.85	0.95	1	1	6.454292
HS15_serv_inv	BOBJ1	75	208.11	After	Interior Girder 2	16.85	0.95	1	1	6.029846
HS15_serv_inv	BOBJ1	75	208.11	After	Interior Girder 3	16.85	0.95	1	1	5.964683
HS15_serv_inv	BOBJ1	75	208.11	After	Interior Girder 4	16.85	0.95	1	1	5.964683
HS15_serv_inv	BOBJ1	75	208.11	After	Interior Girder 5	16.85	0.95	1	1	6.029846
HS15_serv_inv	BOBJ1	75	208.11	After	Interior Girder 6	16.85	0.95	1	1	6.454292
HS15_serv_inv	BOBJ1	75	208.11	After	Right Exterior Girder	16.85	0.95	1	1	7.467318
HS15_serv_inv	BOBJ1	76	216.535	Before	Left Exterior Girder	25.275	0.95	1	1	4.66676
HS15_serv_inv	BOBJ1	76	216.535	Before	Interior Girder 1	25.275	0.95	1	1	4.010217
HS15_serv_inv	BOBJ1	76	216.535	Before	Interior Girder 2	25.275	0.95	1	1	3.874666
HS15_serv_inv	BOBJ1	76	216.535	Before	Interior Girder 3	25.275	0.95	1	1	3.764785
HS15_serv_inv	BOBJ1	76	216.535	Before	Interior Girder 4	25.275	0.95	1	1	3.764785
HS15_serv_inv	BOBJ1	76	216.535	Before	Interior Girder 5	25.275	0.95	1	1	3.874666
HS15_serv_inv	BOBJ1	76	216.535	Before	Interior Girder 6	25.275	0.95	1	1	4.010217
HS15_serv_inv	BOBJ1	76	216.535	Before	Right Exterior Girder	25.275	0.95	1	1	4.66676
HS15_serv_inv	BOBJ1	77	216.535	After	Left Exterior Girder	25.275	0.95	1	1	4.72924
HS15_serv_inv	BOBJ1	77	216.535	After	Interior Girder 1	25.275	0.95	1	1	3.985715
HS15_serv_inv	BOBJ1	77	216.535	After	Interior Girder 2	25.275	0.95	1	1	3.875585
HS15_serv_inv	BOBJ1	77	216.535	After	Interior Girder 3	25.275	0.95	1	1	3.803463
HS15_serv_inv	BOBJ1	77	216.535	After	Interior Girder 4	25.275	0.95	1	1	3.803463
HS15_serv_inv	BOBJ1	77	216.535	After	Interior Girder 5	25.275	0.95	1	1	3.875585
HS15_serv_inv	BOBJ1	77	216.535	After	Interior Girder 6	25.275	0.95	1	1	3.985715
HS15_serv_inv	BOBJ1	77	216.535	After	Right Exterior Girder	25.275	0.95	1	1	4.72924
HS15_serv_inv	BOBJ1	78	224.96	Before	Left Exterior Girder	33.7	0.95	1	1	3.893108
HS15_serv_inv	BOBJ1	78	224.96	Before	Interior Girder 1	33.7	0.95	1	1	3.821875
HS15_serv_inv	BOBJ1	78	224.96	Before	Interior Girder 2	33.7	0.95	1	1	3.718582
HS15_serv_inv	BOBJ1	78	224.96	Before	Interior Girder 3	33.7	0.95	1	1	3.723977
HS15_serv_inv	BOBJ1	78	224.96	Before	Interior Girder 4	33.7	0.95	1	1	3.723977
HS15_serv_inv	BOBJ1	78	224.96	Before	Interior Girder 5	33.7	0.95	1	1	3.718582
HS15_serv_inv	BOBJ1	78	224.96	Before	Interior Girder 6	33.7	0.95	1	1	3.821875
HS15_serv_inv	BOBJ1	78	224.96	Before	Right Exterior Girder	33.7	0.95	1	1	3.893108
HS15_serv_inv	BOBJ1	79	224.96	After	Left Exterior Girder	33.7	0.95	1	1	3.888853
HS15_serv_inv	BOBJ1	79	224.96	After	Interior Girder 1	33.7	0.95	1	1	3.823091
HS15_serv_inv	BOBJ1	79	224.96	After	Interior Girder 2	33.7	0.95	1	1	3.722705
HS15_serv_inv	BOBJ1	79	224.96	After	Interior Girder 3	33.7	0.95	1	1	3.725842
HS15_serv_inv	BOBJ1	79	224.96	After	Interior Girder 4	33.7	0.95	1	1	3.725842
HS15_serv_inv	BOBJ1	79	224.96	After	Interior Girder 5	33.7	0.95	1	1	3.722705
HS15_serv_inv	BOBJ1	79	224.96	After	Interior Girder 6	33.7	0.95	1	1	3.823091
HS15_serv_inv	BOBJ1	79	224.96	After	Right Exterior Girder	33.7	0.95	1	1	3.888853
HS15_serv_inv	BOBJ1	80	233.385	Before	Left Exterior Girder	42.125	0.95	1	1	4.848119
HS15_serv_inv	BOBJ1	80	233.385	Before	Interior Girder 1	42.125	0.95	1	1	4.037863
HS15_serv_inv	BOBJ1	80	233.385	Before	Interior Girder 2	42.125	0.95	1	1	3.910539
HS15_serv_inv	BOBJ1	80	233.385	Before	Interior Girder 3	42.125	0.95	1	1	3.834399
HS15_serv_inv	BOBJ1	80	233.385	Before	Interior Girder 4	42.125	0.95	1	1	3.834399
HS15_serv_inv	BOBJ1	80	233.385	Before	Interior Girder 5	42.125	0.95	1	1	3.910539
HS15_serv_inv	BOBJ1	80	233.385	Before	Interior Girder 6	42.125	0.95	1	1	4.037863
HS15_serv_inv	BOBJ1	80	233.385	Before	Right Exterior Girder	42.125	0.95	1	1	4.848119
HS15_serv_inv	BOBJ1	81	233.385	After	Left Exterior Girder	42.125	0.95	1	1	4.773783
HS15_serv_inv	BOBJ1	81	233.385	After	Interior Girder 1	42.125	0.95	1	1	4.066547
HS15_serv_inv	BOBJ1	81	233.385	After	Interior Girder 2	42.125	0.95	1	1	3.912292
HS15_serv_inv	BOBJ1	81	233.385	After	Interior Girder 3	42.125	0.95	1	1	3.79624
HS15_serv_inv	BOBJ1	81	233.385	After	Interior Girder 4	42.125	0.95	1	1	3.79624
HS15_serv_inv	BOBJ1	81	233.385	After	Interior Girder 5	42.125	0.95	1	1	3.912292
HS15_serv_inv	BOBJ1	81	233.385	After	Interior Girder 6	42.125	0.95	1	1	4.066547
HS15_serv_inv	BOBJ1	81	233.385	After	Right Exterior Girder	42.125	0.95	1	1	4.773783
HS15_serv_inv	BOBJ1	82	241.81	Before	Left Exterior Girder	50.55	0.95	1	1	7.894104
HS15_serv_inv	BOBJ1	82	241.81	Before	Interior Girder 1	50.55	0.95	1	1	6.629653

TABLE: Bridge Super Rating AASHTORATE18 31 - SteelICompServ-Flx - Approach, Span 7-11										
Request	BridgeObj	BridgeCut	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	Unitless	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
HS15_serv_inv	BOBJ1	82	241.81	Before	Interior Girder 2	50.55	0.95	1	1	6.139271
HS15_serv_inv	BOBJ1	82	241.81	Before	Interior Girder 3	50.55	0.95	1	1	6.030982
HS15_serv_inv	BOBJ1	82	241.81	Before	Interior Girder 4	50.55	0.95	1	1	6.030982
HS15_serv_inv	BOBJ1	82	241.81	Before	Interior Girder 5	50.55	0.95	1	1	6.139271
HS15_serv_inv	BOBJ1	82	241.81	Before	Interior Girder 6	50.55	0.95	1	1	6.629653
HS15_serv_inv	BOBJ1	82	241.81	Before	Right Exterior Girder	50.55	0.95	1	1	7.894104
HS15_serv_inv	BOBJ1	83	241.81	After	Left Exterior Girder	50.55	0.95	1	1	7.715552
HS15_serv_inv	BOBJ1	83	241.81	After	Interior Girder 1	50.55	0.95	1	1	6.734668
HS15_serv_inv	BOBJ1	83	241.81	After	Interior Girder 2	50.55	0.95	1	1	6.171235
HS15_serv_inv	BOBJ1	83	241.81	After	Interior Girder 3	50.55	0.95	1	1	5.988823
HS15_serv_inv	BOBJ1	83	241.81	After	Interior Girder 4	50.55	0.95	1	1	5.988823
HS15_serv_inv	BOBJ1	83	241.81	After	Interior Girder 5	50.55	0.95	1	1	6.171235
HS15_serv_inv	BOBJ1	83	241.81	After	Interior Girder 6	50.55	0.95	1	1	6.734668
HS15_serv_inv	BOBJ1	83	241.81	After	Right Exterior Girder	50.55	0.95	1	1	7.715552
HS15_serv_inv	BOBJ1	84	245.18	Before	Left Exterior Girder	53.92	0.95	1	1	7.260549
HS15_serv_inv	BOBJ1	84	245.18	Before	Interior Girder 1	53.92	0.95	1	1	7.398754
HS15_serv_inv	BOBJ1	84	245.18	Before	Interior Girder 2	53.92	0.95	1	1	7.258026
HS15_serv_inv	BOBJ1	84	245.18	Before	Interior Girder 3	53.92	0.95	1	1	7.410957
HS15_serv_inv	BOBJ1	84	245.18	Before	Interior Girder 4	53.92	0.95	1	1	7.410957
HS15_serv_inv	BOBJ1	84	245.18	Before	Interior Girder 5	53.92	0.95	1	1	7.258026
HS15_serv_inv	BOBJ1	84	245.18	Before	Interior Girder 6	53.92	0.95	1	1	7.398754
HS15_serv_inv	BOBJ1	84	245.18	Before	Right Exterior Girder	53.92	0.95	1	1	7.260549
HS15_serv_inv	BOBJ1	85	245.18	After	Left Exterior Girder	53.92	0.95	1	1	8.44794
HS15_serv_inv	BOBJ1	85	245.18	After	Interior Girder 1	53.92	0.95	1	1	7.915865
HS15_serv_inv	BOBJ1	85	245.18	After	Interior Girder 2	53.92	0.95	1	1	7.739289
HS15_serv_inv	BOBJ1	85	245.18	After	Interior Girder 3	53.92	0.95	1	1	7.932398
HS15_serv_inv	BOBJ1	85	245.18	After	Interior Girder 4	53.92	0.95	1	1	7.932398
HS15_serv_inv	BOBJ1	85	245.18	After	Interior Girder 5	53.92	0.95	1	1	7.739289
HS15_serv_inv	BOBJ1	85	245.18	After	Interior Girder 6	53.92	0.95	1	1	7.915865
HS15_serv_inv	BOBJ1	85	245.18	After	Right Exterior Girder	53.92	0.95	1	1	8.44794
HS15_serv_inv	BOBJ1	86	250.245	Before	Left Exterior Girder	58.985	0.95	1	1	6.410252
HS15_serv_inv	BOBJ1	86	250.245	Before	Interior Girder 1	58.985	0.95	1	1	6.366764
HS15_serv_inv	BOBJ1	86	250.245	Before	Interior Girder 2	58.985	0.95	1	1	6.066634
HS15_serv_inv	BOBJ1	86	250.245	Before	Interior Girder 3	58.985	0.95	1	1	5.860972
HS15_serv_inv	BOBJ1	86	250.245	Before	Interior Girder 4	58.985	0.95	1	1	5.860972
HS15_serv_inv	BOBJ1	86	250.245	Before	Interior Girder 5	58.985	0.95	1	1	6.066634
HS15_serv_inv	BOBJ1	86	250.245	Before	Interior Girder 6	58.985	0.95	1	1	6.366764
HS15_serv_inv	BOBJ1	86	250.245	Before	Right Exterior Girder	58.985	0.95	1	1	6.410252
HS15_serv_inv	BOBJ1	87	250.245	After	Left Exterior Girder	58.985	0.95	1	1	6.467032
HS15_serv_inv	BOBJ1	87	250.245	After	Interior Girder 1	58.985	0.95	1	1	6.300809
HS15_serv_inv	BOBJ1	87	250.245	After	Interior Girder 2	58.985	0.95	1	1	6.004967
HS15_serv_inv	BOBJ1	87	250.245	After	Interior Girder 3	58.985	0.95	1	1	5.822838
HS15_serv_inv	BOBJ1	87	250.245	After	Interior Girder 4	58.985	0.95	1	1	5.822838
HS15_serv_inv	BOBJ1	87	250.245	After	Interior Girder 5	58.985	0.95	1	1	6.004967
HS15_serv_inv	BOBJ1	87	250.245	After	Interior Girder 6	58.985	0.95	1	1	6.300809
HS15_serv_inv	BOBJ1	87	250.245	After	Right Exterior Girder	58.985	0.95	1	1	6.467032
HS15_serv_inv	BOBJ1	88	251.68	Before	Left Exterior Girder	60.42	0.95	1	1	5.911339
HS15_serv_inv	BOBJ1	88	251.68	Before	Right Exterior Girder	60.42	0.95	1	1	5.911339
HS15_serv_inv	BOBJ1	89	251.68	After	Left Exterior Girder	60.42	0.95	1	1	10.259806
HS15_serv_inv	BOBJ1	89	251.68	After	Right Exterior Girder	60.42	0.95	1	1	10.259806
HS15_serv_inv	BOBJ1	90	254.18	Before	Interior Girder 1	62.92	0.95	1	1	5.159521
HS15_serv_inv	BOBJ1	90	254.18	Before	Interior Girder 2	62.92	0.95	1	1	4.923675
HS15_serv_inv	BOBJ1	90	254.18	Before	Interior Girder 3	62.92	0.95	1	1	4.493844
HS15_serv_inv	BOBJ1	90	254.18	Before	Interior Girder 4	62.92	0.95	1	1	4.493844
HS15_serv_inv	BOBJ1	90	254.18	Before	Interior Girder 5	62.92	0.95	1	1	4.923675
HS15_serv_inv	BOBJ1	90	254.18	Before	Interior Girder 6	62.92	0.95	1	1	5.159521
HS15_serv_inv	BOBJ1	91	254.18	After	Interior Girder 1	62.92	0.95	1	1	6.303534
HS15_serv_inv	BOBJ1	91	254.18	After	Interior Girder 2	62.92	0.95	1	1	5.902871
HS15_serv_inv	BOBJ1	91	254.18	After	Interior Girder 3	62.92	0.95	1	1	5.413557
HS15_serv_inv	BOBJ1	91	254.18	After	Interior Girder 4	62.92	0.95	1	1	5.413557
HS15_serv_inv	BOBJ1	91	254.18	After	Interior Girder 5	62.92	0.95	1	1	5.902871
HS15_serv_inv	BOBJ1	91	254.18	After	Interior Girder 6	62.92	0.95	1	1	6.303534
HS15_serv_inv	BOBJ1	92	258.68	Before	Left Exterior Girder	67.42	0.95	1	1	5.789735
HS15_serv_inv	BOBJ1	92	258.68	Before	Interior Girder 1	67.42	0.95	1	1	3.952151
HS15_serv_inv	BOBJ1	92	258.68	Before	Interior Girder 2	67.42	0.95	1	1	3.772508
HS15_serv_inv	BOBJ1	92	258.68	Before	Interior Girder 3	67.42	0.95	1	1	3.195088
HS15_serv_inv	BOBJ1	92	258.68	Before	Interior Girder 4	67.42	0.95	1	1	3.195088
HS15_serv_inv	BOBJ1	92	258.68	Before	Interior Girder 5	67.42	0.95	1	1	3.772508
HS15_serv_inv	BOBJ1	92	258.68	Before	Interior Girder 6	67.42	0.95	1	1	3.952151
HS15_serv_inv	BOBJ1	92	258.68	Before	Right Exterior Girder	67.42	0.95	1	1	5.789735
HS15_serv_inv	BOBJ1	93	258.68	After	Left Exterior Girder	0	0.95	1	1	5.904102
HS15_serv_inv	BOBJ1	93	258.68	After	Interior Girder 1	0	0.95	1	1	4.114762
HS15_serv_inv	BOBJ1	93	258.68	After	Interior Girder 2	0	0.95	1	1	3.9193

TABLE: Bridge Super Rating AASHTORATE18 31 - SteelICompServ-Flx - Approach, Span 7-11										
Request	BridgeObj	BridgeCut	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	Unitless	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
HS15_serv_inv	BOBJ1	93	258.68	After	Interior Girder 3	0	0.95	1	1	3.248517
HS15_serv_inv	BOBJ1	93	258.68	After	Interior Girder 4	0	0.95	1	1	3.248517
HS15_serv_inv	BOBJ1	93	258.68	After	Interior Girder 5	0	0.95	1	1	3.9193
HS15_serv_inv	BOBJ1	93	258.68	After	Interior Girder 6	0	0.95	1	1	4.114762
HS15_serv_inv	BOBJ1	93	258.68	After	Right Exterior Girder	0	0.95	1	1	5.904102
HS15_serv_inv	BOBJ1	94	263.18	Before	Interior Girder 1	4.5	0.95	1	1	5.446378
HS15_serv_inv	BOBJ1	94	263.18	Before	Interior Girder 2	4.5	0.95	1	1	5.237959
HS15_serv_inv	BOBJ1	94	263.18	Before	Interior Girder 3	4.5	0.95	1	1	4.956409
HS15_serv_inv	BOBJ1	94	263.18	Before	Interior Girder 4	4.5	0.95	1	1	4.956409
HS15_serv_inv	BOBJ1	94	263.18	Before	Interior Girder 5	4.5	0.95	1	1	5.237959
HS15_serv_inv	BOBJ1	94	263.18	Before	Interior Girder 6	4.5	0.95	1	1	5.446378
HS15_serv_inv	BOBJ1	95	263.18	After	Interior Girder 1	4.5	0.95	1	1	4.441078
HS15_serv_inv	BOBJ1	95	263.18	After	Interior Girder 2	4.5	0.95	1	1	4.365934
HS15_serv_inv	BOBJ1	95	263.18	After	Interior Girder 3	4.5	0.95	1	1	4.103434
HS15_serv_inv	BOBJ1	95	263.18	After	Interior Girder 4	4.5	0.95	1	1	4.103434
HS15_serv_inv	BOBJ1	95	263.18	After	Interior Girder 5	4.5	0.95	1	1	4.365934
HS15_serv_inv	BOBJ1	95	263.18	After	Interior Girder 6	4.5	0.95	1	1	4.441078
HS15_serv_inv	BOBJ1	96	265.68	Before	Left Exterior Girder	7	0.95	1	1	8.339943
HS15_serv_inv	BOBJ1	96	265.68	Before	Right Exterior Girder	7	0.95	1	1	8.339943
HS15_serv_inv	BOBJ1	97	265.68	After	Left Exterior Girder	7	0.95	1	1	4.829547
HS15_serv_inv	BOBJ1	97	265.68	After	Right Exterior Girder	7	0.95	1	1	4.829547
HS15_serv_inv	BOBJ1	98	268.08	Before	Left Exterior Girder	9.4	0.95	1	1	5.633551
HS15_serv_inv	BOBJ1	98	268.08	Before	Interior Girder 1	9.4	0.95	1	1	5.615368
HS15_serv_inv	BOBJ1	98	268.08	Before	Interior Girder 2	9.4	0.95	1	1	5.566929
HS15_serv_inv	BOBJ1	98	268.08	Before	Interior Girder 3	9.4	0.95	1	1	5.489239
HS15_serv_inv	BOBJ1	98	268.08	Before	Interior Girder 4	9.4	0.95	1	1	5.489239
HS15_serv_inv	BOBJ1	98	268.08	Before	Interior Girder 5	9.4	0.95	1	1	5.566929
HS15_serv_inv	BOBJ1	98	268.08	Before	Interior Girder 6	9.4	0.95	1	1	5.615368
HS15_serv_inv	BOBJ1	98	268.08	Before	Right Exterior Girder	9.4	0.95	1	1	5.633551
HS15_serv_inv	BOBJ1	99	268.08	After	Left Exterior Girder	9.4	0.95	1	1	5.524942
HS15_serv_inv	BOBJ1	99	268.08	After	Interior Girder 1	9.4	0.95	1	1	5.702941
HS15_serv_inv	BOBJ1	99	268.08	After	Interior Girder 2	9.4	0.95	1	1	5.634339
HS15_serv_inv	BOBJ1	99	268.08	After	Interior Girder 3	9.4	0.95	1	1	5.514183
HS15_serv_inv	BOBJ1	99	268.08	After	Interior Girder 4	9.4	0.95	1	1	5.514183
HS15_serv_inv	BOBJ1	99	268.08	After	Interior Girder 5	9.4	0.95	1	1	5.634339
HS15_serv_inv	BOBJ1	99	268.08	After	Interior Girder 6	9.4	0.95	1	1	5.702941
HS15_serv_inv	BOBJ1	99	268.08	After	Right Exterior Girder	9.4	0.95	1	1	5.524942
HS15_serv_inv	BOBJ1	100	277.48	Before	Left Exterior Girder	18.8	0.95	1	1	6.246379
HS15_serv_inv	BOBJ1	100	277.48	Before	Interior Girder 1	18.8	0.95	1	1	5.687285
HS15_serv_inv	BOBJ1	100	277.48	Before	Interior Girder 2	18.8	0.95	1	1	5.228852
HS15_serv_inv	BOBJ1	100	277.48	Before	Interior Girder 3	18.8	0.95	1	1	5.098733
HS15_serv_inv	BOBJ1	100	277.48	Before	Interior Girder 4	18.8	0.95	1	1	5.098733
HS15_serv_inv	BOBJ1	100	277.48	Before	Interior Girder 5	18.8	0.95	1	1	5.228852
HS15_serv_inv	BOBJ1	100	277.48	Before	Interior Girder 6	18.8	0.95	1	1	5.687285
HS15_serv_inv	BOBJ1	100	277.48	Before	Right Exterior Girder	18.8	0.95	1	1	6.246379
HS15_serv_inv	BOBJ1	101	277.48	After	Left Exterior Girder	18.8	0.95	1	1	6.372433
HS15_serv_inv	BOBJ1	101	277.48	After	Interior Girder 1	18.8	0.95	1	1	5.59876
HS15_serv_inv	BOBJ1	101	277.48	After	Interior Girder 2	18.8	0.95	1	1	5.241681
HS15_serv_inv	BOBJ1	101	277.48	After	Interior Girder 3	18.8	0.95	1	1	5.166466
HS15_serv_inv	BOBJ1	101	277.48	After	Interior Girder 4	18.8	0.95	1	1	5.166466
HS15_serv_inv	BOBJ1	101	277.48	After	Interior Girder 5	18.8	0.95	1	1	5.241681
HS15_serv_inv	BOBJ1	101	277.48	After	Interior Girder 6	18.8	0.95	1	1	5.59876
HS15_serv_inv	BOBJ1	101	277.48	After	Right Exterior Girder	18.8	0.95	1	1	6.372433
HS15_serv_inv	BOBJ1	102	286.88	Before	Left Exterior Girder	28.2	0.95	1	1	4.546556
HS15_serv_inv	BOBJ1	102	286.88	Before	Interior Girder 1	28.2	0.95	1	1	3.726228
HS15_serv_inv	BOBJ1	102	286.88	Before	Interior Girder 2	28.2	0.95	1	1	3.573902
HS15_serv_inv	BOBJ1	102	286.88	Before	Interior Girder 3	28.2	0.95	1	1	3.451679
HS15_serv_inv	BOBJ1	102	286.88	Before	Interior Girder 4	28.2	0.95	1	1	3.451679
HS15_serv_inv	BOBJ1	102	286.88	Before	Interior Girder 5	28.2	0.95	1	1	3.573902
HS15_serv_inv	BOBJ1	102	286.88	Before	Interior Girder 6	28.2	0.95	1	1	3.726228
HS15_serv_inv	BOBJ1	102	286.88	Before	Right Exterior Girder	28.2	0.95	1	1	4.546556
HS15_serv_inv	BOBJ1	103	286.88	After	Left Exterior Girder	28.2	0.95	1	1	4.561586
HS15_serv_inv	BOBJ1	103	286.88	After	Interior Girder 1	28.2	0.95	1	1	3.723074
HS15_serv_inv	BOBJ1	103	286.88	After	Interior Girder 2	28.2	0.95	1	1	3.586408
HS15_serv_inv	BOBJ1	103	286.88	After	Interior Girder 3	28.2	0.95	1	1	3.475258
HS15_serv_inv	BOBJ1	103	286.88	After	Interior Girder 4	28.2	0.95	1	1	3.475258
HS15_serv_inv	BOBJ1	103	286.88	After	Interior Girder 5	28.2	0.95	1	1	3.586408
HS15_serv_inv	BOBJ1	103	286.88	After	Interior Girder 6	28.2	0.95	1	1	3.723074
HS15_serv_inv	BOBJ1	103	286.88	After	Right Exterior Girder	28.2	0.95	1	1	4.561586
HS15_serv_inv	BOBJ1	104	296.28	Before	Left Exterior Girder	37.6	0.95	1	1	4.214682
HS15_serv_inv	BOBJ1	104	296.28	Before	Interior Girder 1	37.6	0.95	1	1	3.912005
HS15_serv_inv	BOBJ1	104	296.28	Before	Interior Girder 2	37.6	0.95	1	1	3.729675
HS15_serv_inv	BOBJ1	104	296.28	Before	Interior Girder 3	37.6	0.95	1	1	3.706526

TABLE: Bridge Super Rating AASHTORATE18 31 - SteelICompServ-Flx - Approach, Span 7-11										
Request	BridgeObj	BridgeCut	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	Unitless	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
HS15_serv_inv	BOBJ1	104	296.28	Before	Interior Girder 4	37.6	0.95	1	1	3.706526
HS15_serv_inv	BOBJ1	104	296.28	Before	Interior Girder 5	37.6	0.95	1	1	3.729675
HS15_serv_inv	BOBJ1	104	296.28	Before	Interior Girder 6	37.6	0.95	1	1	3.912005
HS15_serv_inv	BOBJ1	104	296.28	Before	Right Exterior Girder	37.6	0.95	1	1	4.214682
HS15_serv_inv	BOBJ1	105	296.28	After	Left Exterior Girder	37.6	0.95	1	1	4.167626
HS15_serv_inv	BOBJ1	105	296.28	After	Interior Girder 1	37.6	0.95	1	1	3.946725
HS15_serv_inv	BOBJ1	105	296.28	After	Interior Girder 2	37.6	0.95	1	1	3.723192
HS15_serv_inv	BOBJ1	105	296.28	After	Interior Girder 3	37.6	0.95	1	1	3.67916
HS15_serv_inv	BOBJ1	105	296.28	After	Interior Girder 4	37.6	0.95	1	1	3.67916
HS15_serv_inv	BOBJ1	105	296.28	After	Interior Girder 5	37.6	0.95	1	1	3.723192
HS15_serv_inv	BOBJ1	105	296.28	After	Interior Girder 6	37.6	0.95	1	1	3.946725
HS15_serv_inv	BOBJ1	105	296.28	After	Right Exterior Girder	37.6	0.95	1	1	4.167626
HS15_serv_inv	BOBJ1	106	305.69	Before	Left Exterior Girder	47.01	0.95	1	1	7.267974
HS15_serv_inv	BOBJ1	106	305.69	Before	Interior Girder 1	47.01	0.95	1	1	5.216891
HS15_serv_inv	BOBJ1	106	305.69	Before	Interior Girder 2	47.01	0.95	1	1	4.992586
HS15_serv_inv	BOBJ1	106	305.69	Before	Interior Girder 3	47.01	0.95	1	1	4.739835
HS15_serv_inv	BOBJ1	106	305.69	Before	Interior Girder 4	47.01	0.95	1	1	4.739835
HS15_serv_inv	BOBJ1	106	305.69	Before	Interior Girder 5	47.01	0.95	1	1	4.992586
HS15_serv_inv	BOBJ1	106	305.69	Before	Interior Girder 6	47.01	0.95	1	1	5.216891
HS15_serv_inv	BOBJ1	106	305.69	Before	Right Exterior Girder	47.01	0.95	1	1	7.267974
HS15_serv_inv	BOBJ1	107	305.69	After	Left Exterior Girder	47.01	0.95	1	1	7.240524
HS15_serv_inv	BOBJ1	107	305.69	After	Interior Girder 1	47.01	0.95	1	1	5.23102
HS15_serv_inv	BOBJ1	107	305.69	After	Interior Girder 2	47.01	0.95	1	1	4.898062
HS15_serv_inv	BOBJ1	107	305.69	After	Interior Girder 3	47.01	0.95	1	1	4.566816
HS15_serv_inv	BOBJ1	107	305.69	After	Interior Girder 4	47.01	0.95	1	1	4.566816
HS15_serv_inv	BOBJ1	107	305.69	After	Interior Girder 5	47.01	0.95	1	1	4.898062
HS15_serv_inv	BOBJ1	107	305.69	After	Interior Girder 6	47.01	0.95	1	1	5.23102
HS15_serv_inv	BOBJ1	107	305.69	After	Right Exterior Girder	47.01	0.95	1	1	7.240524
HS15_serv_inv	BOBJ1	108	315.1	Before	Left Exterior Girder	56.42	0.95	1	1	395.677424
HS15_serv_inv	BOBJ1	108	315.1	Before	Interior Girder 1	56.42	0.95	1	1	502.568038
HS15_serv_inv	BOBJ1	108	315.1	Before	Interior Girder 2	56.42	0.95	1	1	255.98837
HS15_serv_inv	BOBJ1	108	315.1	Before	Interior Girder 3	56.42	0.95	1	1	186.984546
HS15_serv_inv	BOBJ1	108	315.1	Before	Interior Girder 4	56.42	0.95	1	1	186.984545
HS15_serv_inv	BOBJ1	108	315.1	Before	Interior Girder 5	56.42	0.95	1	1	255.98837
HS15_serv_inv	BOBJ1	108	315.1	Before	Interior Girder 6	56.42	0.95	1	1	502.568036
HS15_serv_inv	BOBJ1	108	315.1	Before	Right Exterior Girder	56.42	0.95	1	1	395.677426
Lane_serv_opr	BOBJ1	1	0	After	Left Exterior Girder	0	0.95	1	1	1893.035566
Lane_serv_opr	BOBJ1	1	0	After	Interior Girder 1	0	0.95	1	1	2170.853228
Lane_serv_opr	BOBJ1	1	0	After	Interior Girder 2	0	0.95	1	1	1588.816691
Lane_serv_opr	BOBJ1	1	0	After	Interior Girder 3	0	0.95	1	1	1083.642726
Lane_serv_opr	BOBJ1	1	0	After	Interior Girder 4	0	0.95	1	1	1083.642721
Lane_serv_opr	BOBJ1	1	0	After	Interior Girder 5	0	0.95	1	1	1588.816688
Lane_serv_opr	BOBJ1	1	0	After	Interior Girder 6	0	0.95	1	1	2170.853224
Lane_serv_opr	BOBJ1	1	0	After	Right Exterior Girder	0	0.95	1	1	1893.035567
Lane_serv_opr	BOBJ1	2	9.4	Before	Left Exterior Girder	9.4	0.95	1	1	35.203985
Lane_serv_opr	BOBJ1	2	9.4	Before	Interior Girder 1	9.4	0.95	1	1	25.408545
Lane_serv_opr	BOBJ1	2	9.4	Before	Interior Girder 2	9.4	0.95	1	1	25.281316
Lane_serv_opr	BOBJ1	2	9.4	Before	Interior Girder 3	9.4	0.95	1	1	24.864446
Lane_serv_opr	BOBJ1	2	9.4	Before	Interior Girder 4	9.4	0.95	1	1	24.864446
Lane_serv_opr	BOBJ1	2	9.4	Before	Interior Girder 5	9.4	0.95	1	1	25.281316
Lane_serv_opr	BOBJ1	2	9.4	Before	Interior Girder 6	9.4	0.95	1	1	25.408545
Lane_serv_opr	BOBJ1	2	9.4	Before	Right Exterior Girder	9.4	0.95	1	1	35.203985
Lane_serv_opr	BOBJ1	3	9.4	After	Left Exterior Girder	9.4	0.95	1	1	35.045451
Lane_serv_opr	BOBJ1	3	9.4	After	Interior Girder 1	9.4	0.95	1	1	25.228221
Lane_serv_opr	BOBJ1	3	9.4	After	Interior Girder 2	9.4	0.95	1	1	25.662781
Lane_serv_opr	BOBJ1	3	9.4	After	Interior Girder 3	9.4	0.95	1	1	25.746838
Lane_serv_opr	BOBJ1	3	9.4	After	Interior Girder 4	9.4	0.95	1	1	25.746838
Lane_serv_opr	BOBJ1	3	9.4	After	Interior Girder 5	9.4	0.95	1	1	25.662781
Lane_serv_opr	BOBJ1	3	9.4	After	Interior Girder 6	9.4	0.95	1	1	25.228221
Lane_serv_opr	BOBJ1	3	9.4	After	Right Exterior Girder	9.4	0.95	1	1	35.045451
Lane_serv_opr	BOBJ1	4	18.8	Before	Left Exterior Girder	18.8	0.95	1	1	17.998546
Lane_serv_opr	BOBJ1	4	18.8	Before	Interior Girder 1	18.8	0.95	1	1	16.607017
Lane_serv_opr	BOBJ1	4	18.8	Before	Interior Girder 2	18.8	0.95	1	1	15.862231
Lane_serv_opr	BOBJ1	4	18.8	Before	Interior Girder 3	18.8	0.95	1	1	16.133353
Lane_serv_opr	BOBJ1	4	18.8	Before	Interior Girder 4	18.8	0.95	1	1	16.133353
Lane_serv_opr	BOBJ1	4	18.8	Before	Interior Girder 5	18.8	0.95	1	1	15.862231
Lane_serv_opr	BOBJ1	4	18.8	Before	Interior Girder 6	18.8	0.95	1	1	16.607017
Lane_serv_opr	BOBJ1	4	18.8	Before	Right Exterior Girder	18.8	0.95	1	1	17.998546
Lane_serv_opr	BOBJ1	5	18.8	After	Left Exterior Girder	18.8	0.95	1	1	18.186835
Lane_serv_opr	BOBJ1	5	18.8	After	Interior Girder 1	18.8	0.95	1	1	16.4262
Lane_serv_opr	BOBJ1	5	18.8	After	Interior Girder 2	18.8	0.95	1	1	15.899974
Lane_serv_opr	BOBJ1	5	18.8	After	Interior Girder 3	18.8	0.95	1	1	16.322609
Lane_serv_opr	BOBJ1	5	18.8	After	Interior Girder 4	18.8	0.95	1	1	16.322609

TABLE: Bridge Super Rating AASHTORATE18 31 - SteelICompServ-Flx - Approach, Span 7-11										
Request	BridgeObj	BridgeCut	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	Unitless	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Lane_serv_opr	BOBJ1	5	18.8	After	Interior Girder 5	18.8	0.95	1	1	15.899974
Lane_serv_opr	BOBJ1	5	18.8	After	Interior Girder 6	18.8	0.95	1	1	16.4262
Lane_serv_opr	BOBJ1	5	18.8	After	Right Exterior Girder	18.8	0.95	1	1	18.186835
Lane_serv_opr	BOBJ1	6	28.2	Before	Left Exterior Girder	28.2	0.95	1	1	18.55646
Lane_serv_opr	BOBJ1	6	28.2	Before	Interior Girder 1	28.2	0.95	1	1	15.02651
Lane_serv_opr	BOBJ1	6	28.2	Before	Interior Girder 2	28.2	0.95	1	1	14.927419
Lane_serv_opr	BOBJ1	6	28.2	Before	Interior Girder 3	28.2	0.95	1	1	15.194696
Lane_serv_opr	BOBJ1	6	28.2	Before	Interior Girder 4	28.2	0.95	1	1	15.194696
Lane_serv_opr	BOBJ1	6	28.2	Before	Interior Girder 5	28.2	0.95	1	1	14.927419
Lane_serv_opr	BOBJ1	6	28.2	Before	Interior Girder 6	28.2	0.95	1	1	15.02651
Lane_serv_opr	BOBJ1	6	28.2	Before	Right Exterior Girder	28.2	0.95	1	1	18.55646
Lane_serv_opr	BOBJ1	7	28.2	After	Left Exterior Girder	28.2	0.95	1	1	18.536008
Lane_serv_opr	BOBJ1	7	28.2	After	Interior Girder 1	28.2	0.95	1	1	15.056489
Lane_serv_opr	BOBJ1	7	28.2	After	Interior Girder 2	28.2	0.95	1	1	14.931193
Lane_serv_opr	BOBJ1	7	28.2	After	Interior Girder 3	28.2	0.95	1	1	15.140792
Lane_serv_opr	BOBJ1	7	28.2	After	Interior Girder 4	28.2	0.95	1	1	15.140792
Lane_serv_opr	BOBJ1	7	28.2	After	Interior Girder 5	28.2	0.95	1	1	14.931193
Lane_serv_opr	BOBJ1	7	28.2	After	Interior Girder 6	28.2	0.95	1	1	15.056489
Lane_serv_opr	BOBJ1	7	28.2	After	Right Exterior Girder	28.2	0.95	1	1	18.536008
Lane_serv_opr	BOBJ1	8	37.6	Before	Left Exterior Girder	37.6	0.95	1	1	24.40173
Lane_serv_opr	BOBJ1	8	37.6	Before	Interior Girder 1	37.6	0.95	1	1	22.058295
Lane_serv_opr	BOBJ1	8	37.6	Before	Interior Girder 2	37.6	0.95	1	1	21.35694
Lane_serv_opr	BOBJ1	8	37.6	Before	Interior Girder 3	37.6	0.95	1	1	21.947783
Lane_serv_opr	BOBJ1	8	37.6	Before	Interior Girder 4	37.6	0.95	1	1	21.947783
Lane_serv_opr	BOBJ1	8	37.6	Before	Interior Girder 5	37.6	0.95	1	1	21.35694
Lane_serv_opr	BOBJ1	8	37.6	Before	Interior Girder 6	37.6	0.95	1	1	22.058295
Lane_serv_opr	BOBJ1	8	37.6	Before	Right Exterior Girder	37.6	0.95	1	1	24.401731
Lane_serv_opr	BOBJ1	9	37.6	After	Left Exterior Girder	37.6	0.95	1	1	24.129093
Lane_serv_opr	BOBJ1	9	37.6	After	Interior Girder 1	37.6	0.95	1	1	22.420567
Lane_serv_opr	BOBJ1	9	37.6	After	Interior Girder 2	37.6	0.95	1	1	21.302433
Lane_serv_opr	BOBJ1	9	37.6	After	Interior Girder 3	37.6	0.95	1	1	21.767367
Lane_serv_opr	BOBJ1	9	37.6	After	Interior Girder 4	37.6	0.95	1	1	21.767367
Lane_serv_opr	BOBJ1	9	37.6	After	Interior Girder 5	37.6	0.95	1	1	21.302433
Lane_serv_opr	BOBJ1	9	37.6	After	Interior Girder 6	37.6	0.95	1	1	22.420567
Lane_serv_opr	BOBJ1	9	37.6	After	Right Exterior Girder	37.6	0.95	1	1	24.129093
Lane_serv_opr	BOBJ1	10	47.01	Before	Left Exterior Girder	47.01	0.95	1	1	18.904765
Lane_serv_opr	BOBJ1	10	47.01	Before	Interior Girder 1	47.01	0.95	1	1	17.656717
Lane_serv_opr	BOBJ1	10	47.01	Before	Interior Girder 2	47.01	0.95	1	1	16.945949
Lane_serv_opr	BOBJ1	10	47.01	Before	Interior Girder 3	47.01	0.95	1	1	16.973718
Lane_serv_opr	BOBJ1	10	47.01	Before	Interior Girder 4	47.01	0.95	1	1	16.973718
Lane_serv_opr	BOBJ1	10	47.01	Before	Interior Girder 5	47.01	0.95	1	1	16.945949
Lane_serv_opr	BOBJ1	10	47.01	Before	Interior Girder 6	47.01	0.95	1	1	17.656717
Lane_serv_opr	BOBJ1	10	47.01	Before	Right Exterior Girder	47.01	0.95	1	1	18.904765
Lane_serv_opr	BOBJ1	11	47.01	After	Left Exterior Girder	47.01	0.95	1	1	19.493705
Lane_serv_opr	BOBJ1	11	47.01	After	Interior Girder 1	47.01	0.95	1	1	17.415647
Lane_serv_opr	BOBJ1	11	47.01	After	Interior Girder 2	47.01	0.95	1	1	17.018111
Lane_serv_opr	BOBJ1	11	47.01	After	Interior Girder 3	47.01	0.95	1	1	17.246824
Lane_serv_opr	BOBJ1	11	47.01	After	Interior Girder 4	47.01	0.95	1	1	17.246824
Lane_serv_opr	BOBJ1	11	47.01	After	Interior Girder 5	47.01	0.95	1	1	17.018111
Lane_serv_opr	BOBJ1	11	47.01	After	Interior Girder 6	47.01	0.95	1	1	17.415647
Lane_serv_opr	BOBJ1	11	47.01	After	Right Exterior Girder	47.01	0.95	1	1	19.493705
Lane_serv_opr	BOBJ1	12	49.42	Before	Left Exterior Girder	49.42	0.95	1	1	15.168541
Lane_serv_opr	BOBJ1	12	49.42	Before	Right Exterior Girder	49.42	0.95	1	1	15.168541
Lane_serv_opr	BOBJ1	13	49.42	After	Left Exterior Girder	49.42	0.95	1	1	26.222829
Lane_serv_opr	BOBJ1	13	49.42	After	Right Exterior Girder	49.42	0.95	1	1	26.222829
Lane_serv_opr	BOBJ1	14	51.92	Before	Interior Girder 1	51.92	0.95	1	1	10.870862
Lane_serv_opr	BOBJ1	14	51.92	Before	Interior Girder 2	51.92	0.95	1	1	10.682556
Lane_serv_opr	BOBJ1	14	51.92	Before	Interior Girder 3	51.92	0.95	1	1	9.882101
Lane_serv_opr	BOBJ1	14	51.92	Before	Interior Girder 4	51.92	0.95	1	1	9.882101
Lane_serv_opr	BOBJ1	14	51.92	Before	Interior Girder 5	51.92	0.95	1	1	10.682556
Lane_serv_opr	BOBJ1	14	51.92	Before	Interior Girder 6	51.92	0.95	1	1	10.870862
Lane_serv_opr	BOBJ1	15	51.92	After	Interior Girder 1	51.92	0.95	1	1	13.312215
Lane_serv_opr	BOBJ1	15	51.92	After	Interior Girder 2	51.92	0.95	1	1	12.955869
Lane_serv_opr	BOBJ1	15	51.92	After	Interior Girder 3	51.92	0.95	1	1	12.147017
Lane_serv_opr	BOBJ1	15	51.92	After	Interior Girder 4	51.92	0.95	1	1	12.147017
Lane_serv_opr	BOBJ1	15	51.92	After	Interior Girder 5	51.92	0.95	1	1	12.955869
Lane_serv_opr	BOBJ1	15	51.92	After	Interior Girder 6	51.92	0.95	1	1	13.312215
Lane_serv_opr	BOBJ1	16	56.42	Before	Left Exterior Girder	56.42	0.95	1	1	13.220077
Lane_serv_opr	BOBJ1	16	56.42	Before	Interior Girder 1	56.42	0.95	1	1	7.848196
Lane_serv_opr	BOBJ1	16	56.42	Before	Interior Girder 2	56.42	0.95	1	1	7.915319
Lane_serv_opr	BOBJ1	16	56.42	Before	Interior Girder 3	56.42	0.95	1	1	6.883448
Lane_serv_opr	BOBJ1	16	56.42	Before	Interior Girder 4	56.42	0.95	1	1	6.883448
Lane_serv_opr	BOBJ1	16	56.42	Before	Interior Girder 5	56.42	0.95	1	1	7.915319

TABLE: Bridge Super Rating AASHTORATE18 31 - SteelICompServ-Flx - Approach, Span 7-11										
Request	BridgeObj	BridgeCut	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	Unitless	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Lane_serv_opr	BOBJ1	16	56.42	Before	Interior Girder 6	56.42	0.95	1	1	7.848196
Lane_serv_opr	BOBJ1	16	56.42	Before	Right Exterior Girder	56.42	0.95	1	1	13.220077
Lane_serv_opr	BOBJ1	17	56.42	After	Left Exterior Girder	0	0.95	1	1	13.04045
Lane_serv_opr	BOBJ1	17	56.42	After	Interior Girder 1	0	0.95	1	1	7.864907
Lane_serv_opr	BOBJ1	17	56.42	After	Interior Girder 2	0	0.95	1	1	7.946815
Lane_serv_opr	BOBJ1	17	56.42	After	Interior Girder 3	0	0.95	1	1	6.819352
Lane_serv_opr	BOBJ1	17	56.42	After	Interior Girder 4	0	0.95	1	1	6.819352
Lane_serv_opr	BOBJ1	17	56.42	After	Interior Girder 5	0	0.95	1	1	7.946815
Lane_serv_opr	BOBJ1	17	56.42	After	Interior Girder 6	0	0.95	1	1	7.864907
Lane_serv_opr	BOBJ1	17	56.42	After	Right Exterior Girder	0	0.95	1	1	13.04045
Lane_serv_opr	BOBJ1	18	60.92	Before	Interior Girder 1	4.5	0.95	1	1	13.658767
Lane_serv_opr	BOBJ1	18	60.92	Before	Interior Girder 2	4.5	0.95	1	1	13.271051
Lane_serv_opr	BOBJ1	18	60.92	Before	Interior Girder 3	4.5	0.95	1	1	12.174554
Lane_serv_opr	BOBJ1	18	60.92	Before	Interior Girder 4	4.5	0.95	1	1	12.174554
Lane_serv_opr	BOBJ1	18	60.92	Before	Interior Girder 5	4.5	0.95	1	1	13.271051
Lane_serv_opr	BOBJ1	18	60.92	Before	Interior Girder 6	4.5	0.95	1	1	13.658767
Lane_serv_opr	BOBJ1	19	60.92	After	Interior Girder 1	4.5	0.95	1	1	11.122776
Lane_serv_opr	BOBJ1	19	60.92	After	Interior Girder 2	4.5	0.95	1	1	10.944029
Lane_serv_opr	BOBJ1	19	60.92	After	Interior Girder 3	4.5	0.95	1	1	9.873867
Lane_serv_opr	BOBJ1	19	60.92	After	Interior Girder 4	4.5	0.95	1	1	9.873867
Lane_serv_opr	BOBJ1	19	60.92	After	Interior Girder 5	4.5	0.95	1	1	10.944029
Lane_serv_opr	BOBJ1	19	60.92	After	Interior Girder 6	4.5	0.95	1	1	11.122776
Lane_serv_opr	BOBJ1	20	63.42	Before	Left Exterior Girder	7	0.95	1	1	28.777717
Lane_serv_opr	BOBJ1	20	63.42	Before	Right Exterior Girder	7	0.95	1	1	28.777717
Lane_serv_opr	BOBJ1	21	63.42	After	Left Exterior Girder	7	0.95	1	1	16.563045
Lane_serv_opr	BOBJ1	21	63.42	After	Right Exterior Girder	7	0.95	1	1	16.563045
Lane_serv_opr	BOBJ1	22	64.845	Before	Left Exterior Girder	8.425	0.95	1	1	20.673382
Lane_serv_opr	BOBJ1	22	64.845	Before	Interior Girder 1	8.425	0.95	1	1	17.67959
Lane_serv_opr	BOBJ1	22	64.845	Before	Interior Girder 2	8.425	0.95	1	1	17.04857
Lane_serv_opr	BOBJ1	22	64.845	Before	Interior Girder 3	8.425	0.95	1	1	16.464839
Lane_serv_opr	BOBJ1	22	64.845	Before	Interior Girder 4	8.425	0.95	1	1	16.464839
Lane_serv_opr	BOBJ1	22	64.845	Before	Interior Girder 5	8.425	0.95	1	1	17.04857
Lane_serv_opr	BOBJ1	22	64.845	Before	Interior Girder 6	8.425	0.95	1	1	17.67959
Lane_serv_opr	BOBJ1	22	64.845	Before	Right Exterior Girder	8.425	0.95	1	1	20.673382
Lane_serv_opr	BOBJ1	23	64.845	After	Left Exterior Girder	8.425	0.95	1	1	20.353552
Lane_serv_opr	BOBJ1	23	64.845	After	Interior Girder 1	8.425	0.95	1	1	17.834964
Lane_serv_opr	BOBJ1	23	64.845	After	Interior Girder 2	8.425	0.95	1	1	17.085949
Lane_serv_opr	BOBJ1	23	64.845	After	Interior Girder 3	8.425	0.95	1	1	16.288262
Lane_serv_opr	BOBJ1	23	64.845	After	Interior Girder 4	8.425	0.95	1	1	16.288262
Lane_serv_opr	BOBJ1	23	64.845	After	Interior Girder 5	8.425	0.95	1	1	17.085949
Lane_serv_opr	BOBJ1	23	64.845	After	Interior Girder 6	8.425	0.95	1	1	17.834964
Lane_serv_opr	BOBJ1	23	64.845	After	Right Exterior Girder	8.425	0.95	1	1	20.353552
Lane_serv_opr	BOBJ1	24	69.92	Before	Left Exterior Girder	13.5	0.95	1	1	34.793323
Lane_serv_opr	BOBJ1	24	69.92	Before	Interior Girder 1	13.5	0.95	1	1	28.77519
Lane_serv_opr	BOBJ1	24	69.92	Before	Interior Girder 2	13.5	0.95	1	1	27.118051
Lane_serv_opr	BOBJ1	24	69.92	Before	Interior Girder 3	13.5	0.95	1	1	28.67415
Lane_serv_opr	BOBJ1	24	69.92	Before	Interior Girder 4	13.5	0.95	1	1	28.67415
Lane_serv_opr	BOBJ1	24	69.92	Before	Interior Girder 5	13.5	0.95	1	1	27.118051
Lane_serv_opr	BOBJ1	24	69.92	Before	Interior Girder 6	13.5	0.95	1	1	28.77519
Lane_serv_opr	BOBJ1	24	69.92	Before	Right Exterior Girder	13.5	0.95	1	1	34.793323
Lane_serv_opr	BOBJ1	25	69.92	After	Left Exterior Girder	13.5	0.95	1	1	29.542969
Lane_serv_opr	BOBJ1	25	69.92	After	Interior Girder 1	13.5	0.95	1	1	27.071403
Lane_serv_opr	BOBJ1	25	69.92	After	Interior Girder 2	13.5	0.95	1	1	25.307194
Lane_serv_opr	BOBJ1	25	69.92	After	Interior Girder 3	13.5	0.95	1	1	26.559774
Lane_serv_opr	BOBJ1	25	69.92	After	Interior Girder 4	13.5	0.95	1	1	26.559774
Lane_serv_opr	BOBJ1	25	69.92	After	Interior Girder 5	13.5	0.95	1	1	25.307194
Lane_serv_opr	BOBJ1	25	69.92	After	Interior Girder 6	13.5	0.95	1	1	27.071403
Lane_serv_opr	BOBJ1	25	69.92	After	Right Exterior Girder	13.5	0.95	1	1	29.542969
Lane_serv_opr	BOBJ1	26	73.27	Before	Left Exterior Girder	16.85	0.95	1	1	32.994706
Lane_serv_opr	BOBJ1	26	73.27	Before	Interior Girder 1	16.85	0.95	1	1	29.234605
Lane_serv_opr	BOBJ1	26	73.27	Before	Interior Girder 2	16.85	0.95	1	1	28.339891
Lane_serv_opr	BOBJ1	26	73.27	Before	Interior Girder 3	16.85	0.95	1	1	31.036586
Lane_serv_opr	BOBJ1	26	73.27	Before	Interior Girder 4	16.85	0.95	1	1	31.036586
Lane_serv_opr	BOBJ1	26	73.27	Before	Interior Girder 5	16.85	0.95	1	1	28.339891
Lane_serv_opr	BOBJ1	26	73.27	Before	Interior Girder 6	16.85	0.95	1	1	29.234605
Lane_serv_opr	BOBJ1	26	73.27	Before	Right Exterior Girder	16.85	0.95	1	1	32.994706
Lane_serv_opr	BOBJ1	27	73.27	After	Left Exterior Girder	16.85	0.95	1	1	33.067609
Lane_serv_opr	BOBJ1	27	73.27	After	Interior Girder 1	16.85	0.95	1	1	29.18761
Lane_serv_opr	BOBJ1	27	73.27	After	Interior Girder 2	16.85	0.95	1	1	28.444062
Lane_serv_opr	BOBJ1	27	73.27	After	Interior Girder 3	16.85	0.95	1	1	31.230026
Lane_serv_opr	BOBJ1	27	73.27	After	Interior Girder 4	16.85	0.95	1	1	31.230026
Lane_serv_opr	BOBJ1	27	73.27	After	Interior Girder 5	16.85	0.95	1	1	28.444062
Lane_serv_opr	BOBJ1	27	73.27	After	Interior Girder 6	16.85	0.95	1	1	29.18761

TABLE: Bridge Super Rating AASHTORATE18 31 - SteelICompServ-Flx - Approach, Span 7-11										
Request	BridgeObj	BridgeCut	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	Unitless	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Lane_serv_opr	BOBJ1	27	73.27	After	Right Exterior Girder	16.85	0.95	1	1	33.067609
Lane_serv_opr	BOBJ1	28	81.695	Before	Left Exterior Girder	25.275	0.95	1	1	19.453684
Lane_serv_opr	BOBJ1	28	81.695	Before	Interior Girder 1	25.275	0.95	1	1	17.069103
Lane_serv_opr	BOBJ1	28	81.695	Before	Interior Girder 2	25.275	0.95	1	1	16.821637
Lane_serv_opr	BOBJ1	28	81.695	Before	Interior Girder 3	25.275	0.95	1	1	17.031183
Lane_serv_opr	BOBJ1	28	81.695	Before	Interior Girder 4	25.275	0.95	1	1	17.031183
Lane_serv_opr	BOBJ1	28	81.695	Before	Interior Girder 5	25.275	0.95	1	1	16.821637
Lane_serv_opr	BOBJ1	28	81.695	Before	Interior Girder 6	25.275	0.95	1	1	17.069103
Lane_serv_opr	BOBJ1	28	81.695	Before	Right Exterior Girder	25.275	0.95	1	1	19.453684
Lane_serv_opr	BOBJ1	29	81.695	After	Left Exterior Girder	25.275	0.95	1	1	19.760551
Lane_serv_opr	BOBJ1	29	81.695	After	Interior Girder 1	25.275	0.95	1	1	16.864242
Lane_serv_opr	BOBJ1	29	81.695	After	Interior Girder 2	25.275	0.95	1	1	16.818947
Lane_serv_opr	BOBJ1	29	81.695	After	Interior Girder 3	25.275	0.95	1	1	17.275678
Lane_serv_opr	BOBJ1	29	81.695	After	Interior Girder 4	25.275	0.95	1	1	17.275678
Lane_serv_opr	BOBJ1	29	81.695	After	Interior Girder 5	25.275	0.95	1	1	16.818947
Lane_serv_opr	BOBJ1	29	81.695	After	Interior Girder 6	25.275	0.95	1	1	16.864242
Lane_serv_opr	BOBJ1	29	81.695	After	Right Exterior Girder	25.275	0.95	1	1	19.760551
Lane_serv_opr	BOBJ1	30	90.12	Before	Left Exterior Girder	33.7	0.95	1	1	14.724582
Lane_serv_opr	BOBJ1	30	90.12	Before	Interior Girder 1	33.7	0.95	1	1	14.651496
Lane_serv_opr	BOBJ1	30	90.12	Before	Interior Girder 2	33.7	0.95	1	1	14.451242
Lane_serv_opr	BOBJ1	30	90.12	Before	Interior Girder 3	33.7	0.95	1	1	14.731961
Lane_serv_opr	BOBJ1	30	90.12	Before	Interior Girder 4	33.7	0.95	1	1	14.731961
Lane_serv_opr	BOBJ1	30	90.12	Before	Interior Girder 5	33.7	0.95	1	1	14.451242
Lane_serv_opr	BOBJ1	30	90.12	Before	Interior Girder 6	33.7	0.95	1	1	14.651496
Lane_serv_opr	BOBJ1	30	90.12	Before	Right Exterior Girder	33.7	0.95	1	1	14.724582
Lane_serv_opr	BOBJ1	31	90.12	After	Left Exterior Girder	33.7	0.95	1	1	14.766394
Lane_serv_opr	BOBJ1	31	90.12	After	Interior Girder 1	33.7	0.95	1	1	14.633535
Lane_serv_opr	BOBJ1	31	90.12	After	Interior Girder 2	33.7	0.95	1	1	14.435941
Lane_serv_opr	BOBJ1	31	90.12	After	Interior Girder 3	33.7	0.95	1	1	14.72548
Lane_serv_opr	BOBJ1	31	90.12	After	Interior Girder 4	33.7	0.95	1	1	14.72548
Lane_serv_opr	BOBJ1	31	90.12	After	Interior Girder 5	33.7	0.95	1	1	14.435941
Lane_serv_opr	BOBJ1	31	90.12	After	Interior Girder 6	33.7	0.95	1	1	14.633535
Lane_serv_opr	BOBJ1	31	90.12	After	Right Exterior Girder	33.7	0.95	1	1	14.766394
Lane_serv_opr	BOBJ1	32	98.545	Before	Left Exterior Girder	42.125	0.95	1	1	17.872187
Lane_serv_opr	BOBJ1	32	98.545	Before	Interior Girder 1	42.125	0.95	1	1	15.764127
Lane_serv_opr	BOBJ1	32	98.545	Before	Interior Girder 2	42.125	0.95	1	1	15.833563
Lane_serv_opr	BOBJ1	32	98.545	Before	Interior Girder 3	42.125	0.95	1	1	16.389617
Lane_serv_opr	BOBJ1	32	98.545	Before	Interior Girder 4	42.125	0.95	1	1	16.389617
Lane_serv_opr	BOBJ1	32	98.545	Before	Interior Girder 5	42.125	0.95	1	1	15.833563
Lane_serv_opr	BOBJ1	32	98.545	Before	Interior Girder 6	42.125	0.95	1	1	15.764127
Lane_serv_opr	BOBJ1	32	98.545	Before	Right Exterior Girder	42.125	0.95	1	1	17.872187
Lane_serv_opr	BOBJ1	33	98.545	After	Left Exterior Girder	42.125	0.95	1	1	17.72179
Lane_serv_opr	BOBJ1	33	98.545	After	Interior Girder 1	42.125	0.95	1	1	15.889461
Lane_serv_opr	BOBJ1	33	98.545	After	Interior Girder 2	42.125	0.95	1	1	15.805828
Lane_serv_opr	BOBJ1	33	98.545	After	Interior Girder 3	42.125	0.95	1	1	16.178501
Lane_serv_opr	BOBJ1	33	98.545	After	Interior Girder 4	42.125	0.95	1	1	16.178501
Lane_serv_opr	BOBJ1	33	98.545	After	Interior Girder 5	42.125	0.95	1	1	15.805828
Lane_serv_opr	BOBJ1	33	98.545	After	Interior Girder 6	42.125	0.95	1	1	15.889461
Lane_serv_opr	BOBJ1	33	98.545	After	Right Exterior Girder	42.125	0.95	1	1	17.72179
Lane_serv_opr	BOBJ1	34	106.97	Before	Left Exterior Girder	50.55	0.95	1	1	25.111805
Lane_serv_opr	BOBJ1	34	106.97	Before	Interior Girder 1	50.55	0.95	1	1	22.983519
Lane_serv_opr	BOBJ1	34	106.97	Before	Interior Girder 2	50.55	0.95	1	1	23.167245
Lane_serv_opr	BOBJ1	34	106.97	Before	Interior Girder 3	50.55	0.95	1	1	25.4588
Lane_serv_opr	BOBJ1	34	106.97	Before	Interior Girder 4	50.55	0.95	1	1	25.4588
Lane_serv_opr	BOBJ1	34	106.97	Before	Interior Girder 5	50.55	0.95	1	1	23.167245
Lane_serv_opr	BOBJ1	34	106.97	Before	Interior Girder 6	50.55	0.95	1	1	22.983519
Lane_serv_opr	BOBJ1	34	106.97	Before	Right Exterior Girder	50.55	0.95	1	1	25.111805
Lane_serv_opr	BOBJ1	35	106.97	After	Left Exterior Girder	50.55	0.95	1	1	25.21304
Lane_serv_opr	BOBJ1	35	106.97	After	Interior Girder 1	50.55	0.95	1	1	22.968459
Lane_serv_opr	BOBJ1	35	106.97	After	Interior Girder 2	50.55	0.95	1	1	22.967447
Lane_serv_opr	BOBJ1	35	106.97	After	Interior Girder 3	50.55	0.95	1	1	25.487372
Lane_serv_opr	BOBJ1	35	106.97	After	Interior Girder 4	50.55	0.95	1	1	25.487372
Lane_serv_opr	BOBJ1	35	106.97	After	Interior Girder 5	50.55	0.95	1	1	22.967447
Lane_serv_opr	BOBJ1	35	106.97	After	Interior Girder 6	50.55	0.95	1	1	22.968459
Lane_serv_opr	BOBJ1	35	106.97	After	Right Exterior Girder	50.55	0.95	1	1	25.21304
Lane_serv_opr	BOBJ1	36	115.405	Before	Left Exterior Girder	58.985	0.95	1	1	14.603225
Lane_serv_opr	BOBJ1	36	115.405	Before	Interior Girder 1	58.985	0.95	1	1	14.288745
Lane_serv_opr	BOBJ1	36	115.405	Before	Interior Girder 2	58.985	0.95	1	1	13.83218
Lane_serv_opr	BOBJ1	36	115.405	Before	Interior Girder 3	58.985	0.95	1	1	13.540559
Lane_serv_opr	BOBJ1	36	115.405	Before	Interior Girder 4	58.985	0.95	1	1	13.540559
Lane_serv_opr	BOBJ1	36	115.405	Before	Interior Girder 5	58.985	0.95	1	1	13.83218
Lane_serv_opr	BOBJ1	36	115.405	Before	Interior Girder 6	58.985	0.95	1	1	14.288745
Lane_serv_opr	BOBJ1	36	115.405	Before	Right Exterior Girder	58.985	0.95	1	1	14.603225

TABLE: Bridge Super Rating AASHTORATE18 31 - SteelICompServ-Flx - Approach, Span 7-11										
Request	BridgeObj	BridgeCut	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	Unitless	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Lane_serv_opr	BOBJ1	37	115.405	After	Left Exterior Girder	58.985	0.95	1	1	15.177236
Lane_serv_opr	BOBJ1	37	115.405	After	Interior Girder 1	58.985	0.95	1	1	13.919578
Lane_serv_opr	BOBJ1	37	115.405	After	Interior Girder 2	58.985	0.95	1	1	13.851596
Lane_serv_opr	BOBJ1	37	115.405	After	Interior Girder 3	58.985	0.95	1	1	13.740807
Lane_serv_opr	BOBJ1	37	115.405	After	Interior Girder 4	58.985	0.95	1	1	13.740807
Lane_serv_opr	BOBJ1	37	115.405	After	Interior Girder 5	58.985	0.95	1	1	13.851596
Lane_serv_opr	BOBJ1	37	115.405	After	Interior Girder 6	58.985	0.95	1	1	13.919578
Lane_serv_opr	BOBJ1	37	115.405	After	Right Exterior Girder	58.985	0.95	1	1	15.177236
Lane_serv_opr	BOBJ1	38	116.34	Before	Left Exterior Girder	59.92	0.95	1	1	13.088593
Lane_serv_opr	BOBJ1	38	116.34	Before	Right Exterior Girder	59.92	0.95	1	1	13.088593
Lane_serv_opr	BOBJ1	39	116.34	After	Left Exterior Girder	59.92	0.95	1	1	25.992842
Lane_serv_opr	BOBJ1	39	116.34	After	Right Exterior Girder	59.92	0.95	1	1	25.992842
Lane_serv_opr	BOBJ1	40	118.84	Before	Interior Girder 1	62.42	0.95	1	1	9.801809
Lane_serv_opr	BOBJ1	40	118.84	Before	Interior Girder 2	62.42	0.95	1	1	9.734317
Lane_serv_opr	BOBJ1	40	118.84	Before	Interior Girder 3	62.42	0.95	1	1	9.032597
Lane_serv_opr	BOBJ1	40	118.84	Before	Interior Girder 4	62.42	0.95	1	1	9.032597
Lane_serv_opr	BOBJ1	40	118.84	Before	Interior Girder 5	62.42	0.95	1	1	9.734317
Lane_serv_opr	BOBJ1	40	118.84	Before	Interior Girder 6	62.42	0.95	1	1	9.801809
Lane_serv_opr	BOBJ1	41	118.84	After	Interior Girder 1	62.42	0.95	1	1	13.68419
Lane_serv_opr	BOBJ1	41	118.84	After	Interior Girder 2	62.42	0.95	1	1	13.39646
Lane_serv_opr	BOBJ1	41	118.84	After	Interior Girder 3	62.42	0.95	1	1	12.652912
Lane_serv_opr	BOBJ1	41	118.84	After	Interior Girder 4	62.42	0.95	1	1	12.652912
Lane_serv_opr	BOBJ1	41	118.84	After	Interior Girder 5	62.42	0.95	1	1	13.39646
Lane_serv_opr	BOBJ1	41	118.84	After	Interior Girder 6	62.42	0.95	1	1	13.68419
Lane_serv_opr	BOBJ1	42	123.84	Before	Left Exterior Girder	67.42	0.95	1	1	11.974253
Lane_serv_opr	BOBJ1	42	123.84	Before	Interior Girder 1	67.42	0.95	1	1	7.851163
Lane_serv_opr	BOBJ1	42	123.84	Before	Interior Girder 2	67.42	0.95	1	1	7.953368
Lane_serv_opr	BOBJ1	42	123.84	Before	Interior Girder 3	67.42	0.95	1	1	6.947272
Lane_serv_opr	BOBJ1	42	123.84	Before	Interior Girder 4	67.42	0.95	1	1	6.947272
Lane_serv_opr	BOBJ1	42	123.84	Before	Interior Girder 5	67.42	0.95	1	1	7.953368
Lane_serv_opr	BOBJ1	42	123.84	Before	Interior Girder 6	67.42	0.95	1	1	7.851163
Lane_serv_opr	BOBJ1	42	123.84	Before	Right Exterior Girder	67.42	0.95	1	1	11.974253
Lane_serv_opr	BOBJ1	43	123.84	After	Left Exterior Girder	0	0.95	1	1	11.933305
Lane_serv_opr	BOBJ1	43	123.84	After	Interior Girder 1	0	0.95	1	1	7.864718
Lane_serv_opr	BOBJ1	43	123.84	After	Interior Girder 2	0	0.95	1	1	7.968519
Lane_serv_opr	BOBJ1	43	123.84	After	Interior Girder 3	0	0.95	1	1	6.943728
Lane_serv_opr	BOBJ1	43	123.84	After	Interior Girder 4	0	0.95	1	1	6.943728
Lane_serv_opr	BOBJ1	43	123.84	After	Interior Girder 5	0	0.95	1	1	7.968519
Lane_serv_opr	BOBJ1	43	123.84	After	Interior Girder 6	0	0.95	1	1	7.864718
Lane_serv_opr	BOBJ1	43	123.84	After	Right Exterior Girder	0	0.95	1	1	11.933305
Lane_serv_opr	BOBJ1	44	128.84	Before	Interior Girder 1	5	0.95	1	1	13.875246
Lane_serv_opr	BOBJ1	44	128.84	Before	Interior Girder 2	5	0.95	1	1	13.560719
Lane_serv_opr	BOBJ1	44	128.84	Before	Interior Girder 3	5	0.95	1	1	12.740249
Lane_serv_opr	BOBJ1	44	128.84	Before	Interior Girder 4	5	0.95	1	1	12.740249
Lane_serv_opr	BOBJ1	44	128.84	Before	Interior Girder 5	5	0.95	1	1	13.560719
Lane_serv_opr	BOBJ1	44	128.84	Before	Interior Girder 6	5	0.95	1	1	13.875246
Lane_serv_opr	BOBJ1	45	128.84	After	Interior Girder 1	5	0.95	1	1	9.937152
Lane_serv_opr	BOBJ1	45	128.84	After	Interior Girder 2	5	0.95	1	1	9.858956
Lane_serv_opr	BOBJ1	45	128.84	After	Interior Girder 3	5	0.95	1	1	9.098925
Lane_serv_opr	BOBJ1	45	128.84	After	Interior Girder 4	5	0.95	1	1	9.098925
Lane_serv_opr	BOBJ1	45	128.84	After	Interior Girder 5	5	0.95	1	1	9.858956
Lane_serv_opr	BOBJ1	45	128.84	After	Interior Girder 6	5	0.95	1	1	9.937152
Lane_serv_opr	BOBJ1	46	131.34	Before	Left Exterior Girder	7.5	0.95	1	1	26.668972
Lane_serv_opr	BOBJ1	46	131.34	Before	Right Exterior Girder	7.5	0.95	1	1	26.668972
Lane_serv_opr	BOBJ1	47	131.34	After	Left Exterior Girder	7.5	0.95	1	1	13.438973
Lane_serv_opr	BOBJ1	47	131.34	After	Right Exterior Girder	7.5	0.95	1	1	13.438973
Lane_serv_opr	BOBJ1	48	132.265	Before	Left Exterior Girder	8.425	0.95	1	1	15.689485
Lane_serv_opr	BOBJ1	48	132.265	Before	Interior Girder 1	8.425	0.95	1	1	14.316561
Lane_serv_opr	BOBJ1	48	132.265	Before	Interior Girder 2	8.425	0.95	1	1	14.213601
Lane_serv_opr	BOBJ1	48	132.265	Before	Interior Girder 3	8.425	0.95	1	1	13.978278
Lane_serv_opr	BOBJ1	48	132.265	Before	Interior Girder 4	8.425	0.95	1	1	13.978278
Lane_serv_opr	BOBJ1	48	132.265	Before	Interior Girder 5	8.425	0.95	1	1	14.213601
Lane_serv_opr	BOBJ1	48	132.265	Before	Interior Girder 6	8.425	0.95	1	1	14.316561
Lane_serv_opr	BOBJ1	48	132.265	Before	Right Exterior Girder	8.425	0.95	1	1	15.689485
Lane_serv_opr	BOBJ1	49	132.265	After	Left Exterior Girder	8.425	0.95	1	1	15.065306
Lane_serv_opr	BOBJ1	49	132.265	After	Interior Girder 1	8.425	0.95	1	1	14.712304
Lane_serv_opr	BOBJ1	49	132.265	After	Interior Girder 2	8.425	0.95	1	1	14.195303
Lane_serv_opr	BOBJ1	49	132.265	After	Interior Girder 3	8.425	0.95	1	1	13.776127
Lane_serv_opr	BOBJ1	49	132.265	After	Interior Girder 4	8.425	0.95	1	1	13.776127
Lane_serv_opr	BOBJ1	49	132.265	After	Interior Girder 5	8.425	0.95	1	1	14.195303
Lane_serv_opr	BOBJ1	49	132.265	After	Interior Girder 6	8.425	0.95	1	1	14.712304
Lane_serv_opr	BOBJ1	49	132.265	After	Right Exterior Girder	8.425	0.95	1	1	15.065306
Lane_serv_opr	BOBJ1	50	140.69	Before	Left Exterior Girder	16.85	0.95	1	1	26.63874

TABLE: Bridge Super Rating AASHTORATE18 31 - SteelICompServ-Flx - Approach, Span 7-11										
Request	BridgeObj	BridgeCut	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	Unitless	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Lane_serv_opr	BOBJ1	50	140.69	Before	Interior Girder 1	16.85	0.95	1	1	24.158808
Lane_serv_opr	BOBJ1	50	140.69	Before	Interior Girder 2	16.85	0.95	1	1	23.963425
Lane_serv_opr	BOBJ1	50	140.69	Before	Interior Girder 3	16.85	0.95	1	1	26.405316
Lane_serv_opr	BOBJ1	50	140.69	Before	Interior Girder 4	16.85	0.95	1	1	26.405316
Lane_serv_opr	BOBJ1	50	140.69	Before	Interior Girder 5	16.85	0.95	1	1	23.963425
Lane_serv_opr	BOBJ1	50	140.69	Before	Interior Girder 6	16.85	0.95	1	1	24.158808
Lane_serv_opr	BOBJ1	50	140.69	Before	Right Exterior Girder	16.85	0.95	1	1	26.63874
Lane_serv_opr	BOBJ1	51	140.69	After	Left Exterior Girder	16.85	0.95	1	1	26.62341
Lane_serv_opr	BOBJ1	51	140.69	After	Interior Girder 1	16.85	0.95	1	1	24.106232
Lane_serv_opr	BOBJ1	51	140.69	After	Interior Girder 2	16.85	0.95	1	1	24.153811
Lane_serv_opr	BOBJ1	51	140.69	After	Interior Girder 3	16.85	0.95	1	1	26.48153
Lane_serv_opr	BOBJ1	51	140.69	After	Interior Girder 4	16.85	0.95	1	1	26.48153
Lane_serv_opr	BOBJ1	51	140.69	After	Interior Girder 5	16.85	0.95	1	1	24.153811
Lane_serv_opr	BOBJ1	51	140.69	After	Interior Girder 6	16.85	0.95	1	1	24.106232
Lane_serv_opr	BOBJ1	51	140.69	After	Right Exterior Girder	16.85	0.95	1	1	26.62341
Lane_serv_opr	BOBJ1	52	149.115	Before	Left Exterior Girder	25.275	0.95	1	1	17.355442
Lane_serv_opr	BOBJ1	52	149.115	Before	Interior Girder 1	25.275	0.95	1	1	15.604254
Lane_serv_opr	BOBJ1	52	149.115	Before	Interior Girder 2	25.275	0.95	1	1	15.566988
Lane_serv_opr	BOBJ1	52	149.115	Before	Interior Girder 3	25.275	0.95	1	1	16.013245
Lane_serv_opr	BOBJ1	52	149.115	Before	Interior Girder 4	25.275	0.95	1	1	16.013245
Lane_serv_opr	BOBJ1	52	149.115	Before	Interior Girder 5	25.275	0.95	1	1	15.566988
Lane_serv_opr	BOBJ1	52	149.115	Before	Interior Girder 6	25.275	0.95	1	1	15.604254
Lane_serv_opr	BOBJ1	52	149.115	Before	Right Exterior Girder	25.275	0.95	1	1	17.355442
Lane_serv_opr	BOBJ1	53	149.115	After	Left Exterior Girder	25.275	0.95	1	1	17.553126
Lane_serv_opr	BOBJ1	53	149.115	After	Interior Girder 1	25.275	0.95	1	1	15.46495
Lane_serv_opr	BOBJ1	53	149.115	After	Interior Girder 2	25.275	0.95	1	1	15.577971
Lane_serv_opr	BOBJ1	53	149.115	After	Interior Girder 3	25.275	0.95	1	1	16.222106
Lane_serv_opr	BOBJ1	53	149.115	After	Interior Girder 4	25.275	0.95	1	1	16.222106
Lane_serv_opr	BOBJ1	53	149.115	After	Interior Girder 5	25.275	0.95	1	1	15.577971
Lane_serv_opr	BOBJ1	53	149.115	After	Interior Girder 6	25.275	0.95	1	1	15.46495
Lane_serv_opr	BOBJ1	53	149.115	After	Right Exterior Girder	25.275	0.95	1	1	17.553126
Lane_serv_opr	BOBJ1	54	157.54	Before	Left Exterior Girder	33.7	0.95	1	1	13.940808
Lane_serv_opr	BOBJ1	54	157.54	Before	Interior Girder 1	33.7	0.95	1	1	13.867132
Lane_serv_opr	BOBJ1	54	157.54	Before	Interior Girder 2	33.7	0.95	1	1	13.825354
Lane_serv_opr	BOBJ1	54	157.54	Before	Interior Girder 3	33.7	0.95	1	1	14.1627
Lane_serv_opr	BOBJ1	54	157.54	Before	Interior Girder 4	33.7	0.95	1	1	14.1627
Lane_serv_opr	BOBJ1	54	157.54	Before	Interior Girder 5	33.7	0.95	1	1	13.825354
Lane_serv_opr	BOBJ1	54	157.54	Before	Interior Girder 6	33.7	0.95	1	1	13.867132
Lane_serv_opr	BOBJ1	54	157.54	Before	Right Exterior Girder	33.7	0.95	1	1	13.940808
Lane_serv_opr	BOBJ1	55	157.54	After	Left Exterior Girder	33.7	0.95	1	1	13.941687
Lane_serv_opr	BOBJ1	55	157.54	After	Interior Girder 1	33.7	0.95	1	1	13.866848
Lane_serv_opr	BOBJ1	55	157.54	After	Interior Girder 2	33.7	0.95	1	1	13.825261
Lane_serv_opr	BOBJ1	55	157.54	After	Interior Girder 3	33.7	0.95	1	1	14.162864
Lane_serv_opr	BOBJ1	55	157.54	After	Interior Girder 4	33.7	0.95	1	1	14.162864
Lane_serv_opr	BOBJ1	55	157.54	After	Interior Girder 5	33.7	0.95	1	1	13.825261
Lane_serv_opr	BOBJ1	55	157.54	After	Interior Girder 6	33.7	0.95	1	1	13.866848
Lane_serv_opr	BOBJ1	55	157.54	After	Right Exterior Girder	33.7	0.95	1	1	13.941687
Lane_serv_opr	BOBJ1	56	165.965	Before	Left Exterior Girder	42.125	0.95	1	1	17.537452
Lane_serv_opr	BOBJ1	56	165.965	Before	Interior Girder 1	42.125	0.95	1	1	15.457283
Lane_serv_opr	BOBJ1	56	165.965	Before	Interior Girder 2	42.125	0.95	1	1	15.569711
Lane_serv_opr	BOBJ1	56	165.965	Before	Interior Girder 3	42.125	0.95	1	1	16.211834
Lane_serv_opr	BOBJ1	56	165.965	Before	Interior Girder 4	42.125	0.95	1	1	16.211834
Lane_serv_opr	BOBJ1	56	165.965	Before	Interior Girder 5	42.125	0.95	1	1	15.569711
Lane_serv_opr	BOBJ1	56	165.965	Before	Interior Girder 6	42.125	0.95	1	1	15.457283
Lane_serv_opr	BOBJ1	56	165.965	Before	Right Exterior Girder	42.125	0.95	1	1	17.537452
Lane_serv_opr	BOBJ1	57	165.965	After	Left Exterior Girder	42.125	0.95	1	1	17.342197
Lane_serv_opr	BOBJ1	57	165.965	After	Interior Girder 1	42.125	0.95	1	1	15.595795
Lane_serv_opr	BOBJ1	57	165.965	After	Interior Girder 2	42.125	0.95	1	1	15.558669
Lane_serv_opr	BOBJ1	57	165.965	After	Interior Girder 3	42.125	0.95	1	1	16.004031
Lane_serv_opr	BOBJ1	57	165.965	After	Interior Girder 4	42.125	0.95	1	1	16.004031
Lane_serv_opr	BOBJ1	57	165.965	After	Interior Girder 5	42.125	0.95	1	1	15.558669
Lane_serv_opr	BOBJ1	57	165.965	After	Interior Girder 6	42.125	0.95	1	1	15.595795
Lane_serv_opr	BOBJ1	57	165.965	After	Right Exterior Girder	42.125	0.95	1	1	17.342197
Lane_serv_opr	BOBJ1	58	174.39	Before	Left Exterior Girder	50.55	0.95	1	1	26.635823
Lane_serv_opr	BOBJ1	58	174.39	Before	Interior Girder 1	50.55	0.95	1	1	24.105603
Lane_serv_opr	BOBJ1	58	174.39	Before	Interior Girder 2	50.55	0.95	1	1	24.151283
Lane_serv_opr	BOBJ1	58	174.39	Before	Interior Girder 3	50.55	0.95	1	1	26.490942
Lane_serv_opr	BOBJ1	58	174.39	Before	Interior Girder 4	50.55	0.95	1	1	26.490942
Lane_serv_opr	BOBJ1	58	174.39	Before	Interior Girder 5	50.55	0.95	1	1	24.151283
Lane_serv_opr	BOBJ1	58	174.39	Before	Interior Girder 6	50.55	0.95	1	1	24.105603
Lane_serv_opr	BOBJ1	58	174.39	Before	Right Exterior Girder	50.55	0.95	1	1	26.635823
Lane_serv_opr	BOBJ1	59	174.39	After	Left Exterior Girder	50.55	0.95	1	1	26.653686
Lane_serv_opr	BOBJ1	59	174.39	After	Interior Girder 1	50.55	0.95	1	1	24.159329

TABLE: Bridge Super Rating AASHTORATE18 31 - SteelICompServ-Flx - Approach, Span 7-11										
Request	BridgeObj	BridgeCut	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	Unitless	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Lane_serv_opr	BOBJ1	59	174.39	After	Interior Girder 2	50.55	0.95	1	1	23.961161
Lane_serv_opr	BOBJ1	59	174.39	After	Interior Girder 3	50.55	0.95	1	1	26.361627
Lane_serv_opr	BOBJ1	59	174.39	After	Interior Girder 4	50.55	0.95	1	1	26.361627
Lane_serv_opr	BOBJ1	59	174.39	After	Interior Girder 5	50.55	0.95	1	1	23.961161
Lane_serv_opr	BOBJ1	59	174.39	After	Interior Girder 6	50.55	0.95	1	1	24.159329
Lane_serv_opr	BOBJ1	59	174.39	After	Right Exterior Girder	50.55	0.95	1	1	26.653686
Lane_serv_opr	BOBJ1	60	182.825	Before	Left Exterior Girder	58.985	0.95	1	1	15.093887
Lane_serv_opr	BOBJ1	60	182.825	Before	Interior Girder 1	58.985	0.95	1	1	14.71292
Lane_serv_opr	BOBJ1	60	182.825	Before	Interior Girder 2	58.985	0.95	1	1	14.193181
Lane_serv_opr	BOBJ1	60	182.825	Before	Interior Girder 3	58.985	0.95	1	1	13.793107
Lane_serv_opr	BOBJ1	60	182.825	Before	Interior Girder 4	58.985	0.95	1	1	13.793107
Lane_serv_opr	BOBJ1	60	182.825	Before	Interior Girder 5	58.985	0.95	1	1	14.193181
Lane_serv_opr	BOBJ1	60	182.825	Before	Interior Girder 6	58.985	0.95	1	1	14.71292
Lane_serv_opr	BOBJ1	60	182.825	Before	Right Exterior Girder	58.985	0.95	1	1	15.093887
Lane_serv_opr	BOBJ1	61	182.825	After	Left Exterior Girder	58.985	0.95	1	1	15.719935
Lane_serv_opr	BOBJ1	61	182.825	After	Interior Girder 1	58.985	0.95	1	1	14.317095
Lane_serv_opr	BOBJ1	61	182.825	After	Interior Girder 2	58.985	0.95	1	1	14.210704
Lane_serv_opr	BOBJ1	61	182.825	After	Interior Girder 3	58.985	0.95	1	1	13.997158
Lane_serv_opr	BOBJ1	61	182.825	After	Interior Girder 4	58.985	0.95	1	1	13.997158
Lane_serv_opr	BOBJ1	61	182.825	After	Interior Girder 5	58.985	0.95	1	1	14.210704
Lane_serv_opr	BOBJ1	61	182.825	After	Interior Girder 6	58.985	0.95	1	1	14.317095
Lane_serv_opr	BOBJ1	61	182.825	After	Right Exterior Girder	58.985	0.95	1	1	15.719935
Lane_serv_opr	BOBJ1	62	183.76	Before	Left Exterior Girder	59.92	0.95	1	1	13.414514
Lane_serv_opr	BOBJ1	62	183.76	Before	Right Exterior Girder	59.92	0.95	1	1	13.414514
Lane_serv_opr	BOBJ1	63	183.76	After	Left Exterior Girder	59.92	0.95	1	1	26.640695
Lane_serv_opr	BOBJ1	63	183.76	After	Right Exterior Girder	59.92	0.95	1	1	26.640695
Lane_serv_opr	BOBJ1	64	186.26	Before	Interior Girder 1	62.42	0.95	1	1	9.922863
Lane_serv_opr	BOBJ1	64	186.26	Before	Interior Girder 2	62.42	0.95	1	1	9.843939
Lane_serv_opr	BOBJ1	64	186.26	Before	Interior Girder 3	62.42	0.95	1	1	9.101882
Lane_serv_opr	BOBJ1	64	186.26	Before	Interior Girder 4	62.42	0.95	1	1	9.101882
Lane_serv_opr	BOBJ1	64	186.26	Before	Interior Girder 5	62.42	0.95	1	1	9.843939
Lane_serv_opr	BOBJ1	64	186.26	Before	Interior Girder 6	62.42	0.95	1	1	9.922863
Lane_serv_opr	BOBJ1	65	186.26	After	Interior Girder 1	62.42	0.95	1	1	13.857948
Lane_serv_opr	BOBJ1	65	186.26	After	Interior Girder 2	62.42	0.95	1	1	13.541102
Lane_serv_opr	BOBJ1	65	186.26	After	Interior Girder 3	62.42	0.95	1	1	12.746168
Lane_serv_opr	BOBJ1	65	186.26	After	Interior Girder 4	62.42	0.95	1	1	12.746168
Lane_serv_opr	BOBJ1	65	186.26	After	Interior Girder 5	62.42	0.95	1	1	13.541102
Lane_serv_opr	BOBJ1	65	186.26	After	Interior Girder 6	62.42	0.95	1	1	13.857948
Lane_serv_opr	BOBJ1	66	191.26	Before	Left Exterior Girder	67.42	0.95	1	1	11.949458
Lane_serv_opr	BOBJ1	66	191.26	Before	Interior Girder 1	67.42	0.95	1	1	7.85241
Lane_serv_opr	BOBJ1	66	191.26	Before	Interior Girder 2	67.42	0.95	1	1	7.954769
Lane_serv_opr	BOBJ1	66	191.26	Before	Interior Girder 3	67.42	0.95	1	1	6.946645
Lane_serv_opr	BOBJ1	66	191.26	Before	Interior Girder 4	67.42	0.95	1	1	6.946645
Lane_serv_opr	BOBJ1	66	191.26	Before	Interior Girder 5	67.42	0.95	1	1	7.954769
Lane_serv_opr	BOBJ1	66	191.26	Before	Interior Girder 6	67.42	0.95	1	1	7.85241
Lane_serv_opr	BOBJ1	66	191.26	Before	Right Exterior Girder	67.42	0.95	1	1	11.949458
Lane_serv_opr	BOBJ1	67	191.26	After	Left Exterior Girder	0	0.95	1	1	11.946476
Lane_serv_opr	BOBJ1	67	191.26	After	Interior Girder 1	0	0.95	1	1	7.856858
Lane_serv_opr	BOBJ1	67	191.26	After	Interior Girder 2	0	0.95	1	1	7.962424
Lane_serv_opr	BOBJ1	67	191.26	After	Interior Girder 3	0	0.95	1	1	6.940579
Lane_serv_opr	BOBJ1	67	191.26	After	Interior Girder 4	0	0.95	1	1	6.940579
Lane_serv_opr	BOBJ1	67	191.26	After	Interior Girder 5	0	0.95	1	1	7.962424
Lane_serv_opr	BOBJ1	67	191.26	After	Interior Girder 6	0	0.95	1	1	7.856858
Lane_serv_opr	BOBJ1	67	191.26	After	Right Exterior Girder	0	0.95	1	1	11.946476
Lane_serv_opr	BOBJ1	68	196.26	Before	Interior Girder 1	5	0.95	1	1	13.693644
Lane_serv_opr	BOBJ1	68	196.26	Before	Interior Girder 2	5	0.95	1	1	13.41051
Lane_serv_opr	BOBJ1	68	196.26	Before	Interior Girder 3	5	0.95	1	1	12.642584
Lane_serv_opr	BOBJ1	68	196.26	Before	Interior Girder 4	5	0.95	1	1	12.642584
Lane_serv_opr	BOBJ1	68	196.26	Before	Interior Girder 5	5	0.95	1	1	13.41051
Lane_serv_opr	BOBJ1	68	196.26	Before	Interior Girder 6	5	0.95	1	1	13.693644
Lane_serv_opr	BOBJ1	69	196.26	After	Interior Girder 1	5	0.95	1	1	9.807989
Lane_serv_opr	BOBJ1	69	196.26	After	Interior Girder 2	5	0.95	1	1	9.743671
Lane_serv_opr	BOBJ1	69	196.26	After	Interior Girder 3	5	0.95	1	1	9.02525
Lane_serv_opr	BOBJ1	69	196.26	After	Interior Girder 4	5	0.95	1	1	9.02525
Lane_serv_opr	BOBJ1	69	196.26	After	Interior Girder 5	5	0.95	1	1	9.743671
Lane_serv_opr	BOBJ1	69	196.26	After	Interior Girder 6	5	0.95	1	1	9.807989
Lane_serv_opr	BOBJ1	70	198.76	Before	Left Exterior Girder	7.5	0.95	1	1	26.008268
Lane_serv_opr	BOBJ1	70	198.76	Before	Right Exterior Girder	7.5	0.95	1	1	26.008268
Lane_serv_opr	BOBJ1	71	198.76	After	Left Exterior Girder	7.5	0.95	1	1	13.100109
Lane_serv_opr	BOBJ1	71	198.76	After	Right Exterior Girder	7.5	0.95	1	1	13.100109
Lane_serv_opr	BOBJ1	72	199.685	Before	Left Exterior Girder	8.425	0.95	1	1	15.135226
Lane_serv_opr	BOBJ1	72	199.685	Before	Interior Girder 1	8.425	0.95	1	1	13.91125
Lane_serv_opr	BOBJ1	72	199.685	Before	Interior Girder 2	8.425	0.95	1	1	13.849186

TABLE: Bridge Super Rating AASHTORATE18 31 - SteelCompServ-Flx - Approach, Span 7-11										
Request	BridgeObj	BridgeCut	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	Unitless	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Lane_serv_opr	BOBJ1	72	199.685	Before	Interior Girder 3	8.425	0.95	1	1	13.718078
Lane_serv_opr	BOBJ1	72	199.685	Before	Interior Girder 4	8.425	0.95	1	1	13.718078
Lane_serv_opr	BOBJ1	72	199.685	Before	Interior Girder 5	8.425	0.95	1	1	13.849186
Lane_serv_opr	BOBJ1	72	199.685	Before	Interior Girder 6	8.425	0.95	1	1	13.91125
Lane_serv_opr	BOBJ1	72	199.685	Before	Right Exterior Girder	8.425	0.95	1	1	15.135226
Lane_serv_opr	BOBJ1	73	199.685	After	Left Exterior Girder	8.425	0.95	1	1	14.56243
Lane_serv_opr	BOBJ1	73	199.685	After	Interior Girder 1	8.425	0.95	1	1	14.280665
Lane_serv_opr	BOBJ1	73	199.685	After	Interior Girder 2	8.425	0.95	1	1	13.829232
Lane_serv_opr	BOBJ1	73	199.685	After	Interior Girder 3	8.425	0.95	1	1	13.519948
Lane_serv_opr	BOBJ1	73	199.685	After	Interior Girder 4	8.425	0.95	1	1	13.519948
Lane_serv_opr	BOBJ1	73	199.685	After	Interior Girder 5	8.425	0.95	1	1	13.829232
Lane_serv_opr	BOBJ1	73	199.685	After	Interior Girder 6	8.425	0.95	1	1	14.280665
Lane_serv_opr	BOBJ1	73	199.685	After	Right Exterior Girder	8.425	0.95	1	1	14.56243
Lane_serv_opr	BOBJ1	74	208.11	Before	Left Exterior Girder	16.85	0.95	1	1	25.191148
Lane_serv_opr	BOBJ1	74	208.11	Before	Interior Girder 1	16.85	0.95	1	1	22.961125
Lane_serv_opr	BOBJ1	74	208.11	Before	Interior Girder 2	16.85	0.95	1	1	22.964608
Lane_serv_opr	BOBJ1	74	208.11	Before	Interior Girder 3	16.85	0.95	1	1	25.473547
Lane_serv_opr	BOBJ1	74	208.11	Before	Interior Girder 4	16.85	0.95	1	1	25.473547
Lane_serv_opr	BOBJ1	74	208.11	Before	Interior Girder 5	16.85	0.95	1	1	22.964608
Lane_serv_opr	BOBJ1	74	208.11	Before	Interior Girder 6	16.85	0.95	1	1	22.961125
Lane_serv_opr	BOBJ1	74	208.11	Before	Right Exterior Girder	16.85	0.95	1	1	25.191148
Lane_serv_opr	BOBJ1	75	208.11	After	Left Exterior Girder	16.85	0.95	1	1	25.090195
Lane_serv_opr	BOBJ1	75	208.11	After	Interior Girder 1	16.85	0.95	1	1	22.976848
Lane_serv_opr	BOBJ1	75	208.11	After	Interior Girder 2	16.85	0.95	1	1	23.164929
Lane_serv_opr	BOBJ1	75	208.11	After	Interior Girder 3	16.85	0.95	1	1	25.445756
Lane_serv_opr	BOBJ1	75	208.11	After	Interior Girder 4	16.85	0.95	1	1	25.445756
Lane_serv_opr	BOBJ1	75	208.11	After	Interior Girder 5	16.85	0.95	1	1	23.164929
Lane_serv_opr	BOBJ1	75	208.11	After	Interior Girder 6	16.85	0.95	1	1	22.976848
Lane_serv_opr	BOBJ1	75	208.11	After	Right Exterior Girder	16.85	0.95	1	1	25.090195
Lane_serv_opr	BOBJ1	76	216.535	Before	Left Exterior Girder	25.275	0.95	1	1	17.73066
Lane_serv_opr	BOBJ1	76	216.535	Before	Interior Girder 1	25.275	0.95	1	1	15.893993
Lane_serv_opr	BOBJ1	76	216.535	Before	Interior Girder 2	25.275	0.95	1	1	15.811274
Lane_serv_opr	BOBJ1	76	216.535	Before	Interior Girder 3	25.275	0.95	1	1	16.185507
Lane_serv_opr	BOBJ1	76	216.535	Before	Interior Girder 4	25.275	0.95	1	1	16.185507
Lane_serv_opr	BOBJ1	76	216.535	Before	Interior Girder 5	25.275	0.95	1	1	15.811274
Lane_serv_opr	BOBJ1	76	216.535	Before	Interior Girder 6	25.275	0.95	1	1	15.893993
Lane_serv_opr	BOBJ1	76	216.535	Before	Right Exterior Girder	25.275	0.95	1	1	17.73066
Lane_serv_opr	BOBJ1	77	216.535	After	Left Exterior Girder	25.275	0.95	1	1	17.884289
Lane_serv_opr	BOBJ1	77	216.535	After	Interior Girder 1	25.275	0.95	1	1	15.767757
Lane_serv_opr	BOBJ1	77	216.535	After	Interior Girder 2	25.275	0.95	1	1	15.838283
Lane_serv_opr	BOBJ1	77	216.535	After	Interior Girder 3	25.275	0.95	1	1	16.396959
Lane_serv_opr	BOBJ1	77	216.535	After	Interior Girder 4	25.275	0.95	1	1	16.396959
Lane_serv_opr	BOBJ1	77	216.535	After	Interior Girder 5	25.275	0.95	1	1	15.838283
Lane_serv_opr	BOBJ1	77	216.535	After	Interior Girder 6	25.275	0.95	1	1	15.767757
Lane_serv_opr	BOBJ1	77	216.535	After	Right Exterior Girder	25.275	0.95	1	1	17.884289
Lane_serv_opr	BOBJ1	78	224.96	Before	Left Exterior Girder	33.7	0.95	1	1	14.754173
Lane_serv_opr	BOBJ1	78	224.96	Before	Interior Girder 1	33.7	0.95	1	1	14.624082
Lane_serv_opr	BOBJ1	78	224.96	Before	Interior Girder 2	33.7	0.95	1	1	14.429326
Lane_serv_opr	BOBJ1	78	224.96	Before	Interior Girder 3	33.7	0.95	1	1	14.720062
Lane_serv_opr	BOBJ1	78	224.96	Before	Interior Girder 4	33.7	0.95	1	1	14.720062
Lane_serv_opr	BOBJ1	78	224.96	Before	Interior Girder 5	33.7	0.95	1	1	14.429326
Lane_serv_opr	BOBJ1	78	224.96	Before	Interior Girder 6	33.7	0.95	1	1	14.624082
Lane_serv_opr	BOBJ1	78	224.96	Before	Right Exterior Girder	33.7	0.95	1	1	14.754173
Lane_serv_opr	BOBJ1	79	224.96	After	Left Exterior Girder	33.7	0.95	1	1	14.715459
Lane_serv_opr	BOBJ1	79	224.96	After	Interior Girder 1	33.7	0.95	1	1	14.64109
Lane_serv_opr	BOBJ1	79	224.96	After	Interior Girder 2	33.7	0.95	1	1	14.443751
Lane_serv_opr	BOBJ1	79	224.96	After	Interior Girder 3	33.7	0.95	1	1	14.726333
Lane_serv_opr	BOBJ1	79	224.96	After	Interior Girder 4	33.7	0.95	1	1	14.726333
Lane_serv_opr	BOBJ1	79	224.96	After	Interior Girder 5	33.7	0.95	1	1	14.443751
Lane_serv_opr	BOBJ1	79	224.96	After	Interior Girder 6	33.7	0.95	1	1	14.64109
Lane_serv_opr	BOBJ1	79	224.96	After	Right Exterior Girder	33.7	0.95	1	1	14.715459
Lane_serv_opr	BOBJ1	80	233.385	Before	Left Exterior Girder	42.125	0.95	1	1	19.715124
Lane_serv_opr	BOBJ1	80	233.385	Before	Interior Girder 1	42.125	0.95	1	1	16.837937
Lane_serv_opr	BOBJ1	80	233.385	Before	Interior Girder 2	42.125	0.95	1	1	16.798642
Lane_serv_opr	BOBJ1	80	233.385	Before	Interior Girder 3	42.125	0.95	1	1	17.255399
Lane_serv_opr	BOBJ1	80	233.385	Before	Interior Girder 4	42.125	0.95	1	1	17.255399
Lane_serv_opr	BOBJ1	80	233.385	Before	Interior Girder 5	42.125	0.95	1	1	16.798642
Lane_serv_opr	BOBJ1	80	233.385	Before	Interior Girder 6	42.125	0.95	1	1	16.837937
Lane_serv_opr	BOBJ1	80	233.385	Before	Right Exterior Girder	42.125	0.95	1	1	19.715124
Lane_serv_opr	BOBJ1	81	233.385	After	Left Exterior Girder	42.125	0.95	1	1	19.412878
Lane_serv_opr	BOBJ1	81	233.385	After	Interior Girder 1	42.125	0.95	1	1	17.042015
Lane_serv_opr	BOBJ1	81	233.385	After	Interior Girder 2	42.125	0.95	1	1	16.800441
Lane_serv_opr	BOBJ1	81	233.385	After	Interior Girder 3	42.125	0.95	1	1	17.011744

TABLE: Bridge Super Rating AASHTORATE18 31 - SteelICompServ-Flx - Approach, Span 7-11										
Request	BridgeObj	BridgeCut	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	Unitless	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Lane_serv_opr	BOBJ1	81	233.385	After	Interior Girder 4	42.125	0.95	1	1	17.011744
Lane_serv_opr	BOBJ1	81	233.385	After	Interior Girder 5	42.125	0.95	1	1	16.800441
Lane_serv_opr	BOBJ1	81	233.385	After	Interior Girder 6	42.125	0.95	1	1	17.042015
Lane_serv_opr	BOBJ1	81	233.385	After	Right Exterior Girder	42.125	0.95	1	1	19.412878
Lane_serv_opr	BOBJ1	82	241.81	Before	Left Exterior Girder	50.55	0.95	1	1	33.129438
Lane_serv_opr	BOBJ1	82	241.81	Before	Interior Girder 1	50.55	0.95	1	1	29.211325
Lane_serv_opr	BOBJ1	82	241.81	Before	Interior Girder 2	50.55	0.95	1	1	28.456821
Lane_serv_opr	BOBJ1	82	241.81	Before	Interior Girder 3	50.55	0.95	1	1	31.151282
Lane_serv_opr	BOBJ1	82	241.81	Before	Interior Girder 4	50.55	0.95	1	1	31.151282
Lane_serv_opr	BOBJ1	82	241.81	Before	Interior Girder 5	50.55	0.95	1	1	28.456821
Lane_serv_opr	BOBJ1	82	241.81	Before	Interior Girder 6	50.55	0.95	1	1	29.211325
Lane_serv_opr	BOBJ1	82	241.81	Before	Right Exterior Girder	50.55	0.95	1	1	33.129438
Lane_serv_opr	BOBJ1	83	241.81	After	Left Exterior Girder	50.55	0.95	1	1	33.054801
Lane_serv_opr	BOBJ1	83	241.81	After	Interior Girder 1	50.55	0.95	1	1	29.260579
Lane_serv_opr	BOBJ1	83	241.81	After	Interior Girder 2	50.55	0.95	1	1	28.353083
Lane_serv_opr	BOBJ1	83	241.81	After	Interior Girder 3	50.55	0.95	1	1	30.958115
Lane_serv_opr	BOBJ1	83	241.81	After	Interior Girder 4	50.55	0.95	1	1	30.958115
Lane_serv_opr	BOBJ1	83	241.81	After	Interior Girder 5	50.55	0.95	1	1	28.353083
Lane_serv_opr	BOBJ1	83	241.81	After	Interior Girder 6	50.55	0.95	1	1	29.260579
Lane_serv_opr	BOBJ1	83	241.81	After	Right Exterior Girder	50.55	0.95	1	1	33.054801
Lane_serv_opr	BOBJ1	84	245.18	Before	Left Exterior Girder	53.92	0.95	1	1	29.613128
Lane_serv_opr	BOBJ1	84	245.18	Before	Interior Girder 1	53.92	0.95	1	1	27.087039
Lane_serv_opr	BOBJ1	84	245.18	Before	Interior Girder 2	53.92	0.95	1	1	25.304395
Lane_serv_opr	BOBJ1	84	245.18	Before	Interior Girder 3	53.92	0.95	1	1	26.567275
Lane_serv_opr	BOBJ1	84	245.18	Before	Interior Girder 4	53.92	0.95	1	1	26.567275
Lane_serv_opr	BOBJ1	84	245.18	Before	Interior Girder 5	53.92	0.95	1	1	25.304395
Lane_serv_opr	BOBJ1	84	245.18	Before	Interior Girder 6	53.92	0.95	1	1	27.087039
Lane_serv_opr	BOBJ1	84	245.18	Before	Right Exterior Girder	53.92	0.95	1	1	29.613128
Lane_serv_opr	BOBJ1	85	245.18	After	Left Exterior Girder	53.92	0.95	1	1	34.8686
Lane_serv_opr	BOBJ1	85	245.18	After	Interior Girder 1	53.92	0.95	1	1	28.78997
Lane_serv_opr	BOBJ1	85	245.18	After	Interior Girder 2	53.92	0.95	1	1	27.116149
Lane_serv_opr	BOBJ1	85	245.18	After	Interior Girder 3	53.92	0.95	1	1	28.683008
Lane_serv_opr	BOBJ1	85	245.18	After	Interior Girder 4	53.92	0.95	1	1	28.683008
Lane_serv_opr	BOBJ1	85	245.18	After	Interior Girder 5	53.92	0.95	1	1	27.116149
Lane_serv_opr	BOBJ1	85	245.18	After	Interior Girder 6	53.92	0.95	1	1	28.78997
Lane_serv_opr	BOBJ1	85	245.18	After	Right Exterior Girder	53.92	0.95	1	1	34.8686
Lane_serv_opr	BOBJ1	86	250.245	Before	Left Exterior Girder	58.985	0.95	1	1	20.447818
Lane_serv_opr	BOBJ1	86	250.245	Before	Interior Girder 1	58.985	0.95	1	1	17.862282
Lane_serv_opr	BOBJ1	86	250.245	Before	Interior Girder 2	58.985	0.95	1	1	17.099038
Lane_serv_opr	BOBJ1	86	250.245	Before	Interior Girder 3	58.985	0.95	1	1	16.32125
Lane_serv_opr	BOBJ1	86	250.245	Before	Interior Girder 4	58.985	0.95	1	1	16.32125
Lane_serv_opr	BOBJ1	86	250.245	Before	Interior Girder 5	58.985	0.95	1	1	17.099038
Lane_serv_opr	BOBJ1	86	250.245	Before	Interior Girder 6	58.985	0.95	1	1	17.862282
Lane_serv_opr	BOBJ1	86	250.245	Before	Right Exterior Girder	58.985	0.95	1	1	20.447818
Lane_serv_opr	BOBJ1	87	250.245	After	Left Exterior Girder	58.985	0.95	1	1	20.768794
Lane_serv_opr	BOBJ1	87	250.245	After	Interior Girder 1	58.985	0.95	1	1	17.70775
Lane_serv_opr	BOBJ1	87	250.245	After	Interior Girder 2	58.985	0.95	1	1	17.060969
Lane_serv_opr	BOBJ1	87	250.245	After	Interior Girder 3	58.985	0.95	1	1	16.499331
Lane_serv_opr	BOBJ1	87	250.245	After	Interior Girder 4	58.985	0.95	1	1	16.499331
Lane_serv_opr	BOBJ1	87	250.245	After	Interior Girder 5	58.985	0.95	1	1	17.060969
Lane_serv_opr	BOBJ1	87	250.245	After	Interior Girder 6	58.985	0.95	1	1	17.70775
Lane_serv_opr	BOBJ1	87	250.245	After	Right Exterior Girder	58.985	0.95	1	1	20.768794
Lane_serv_opr	BOBJ1	88	251.68	Before	Left Exterior Girder	60.42	0.95	1	1	16.625781
Lane_serv_opr	BOBJ1	88	251.68	Before	Right Exterior Girder	60.42	0.95	1	1	16.625781
Lane_serv_opr	BOBJ1	89	251.68	After	Left Exterior Girder	60.42	0.95	1	1	28.856512
Lane_serv_opr	BOBJ1	89	251.68	After	Right Exterior Girder	60.42	0.95	1	1	28.856512
Lane_serv_opr	BOBJ1	90	254.18	Before	Interior Girder 1	62.92	0.95	1	1	11.126927
Lane_serv_opr	BOBJ1	90	254.18	Before	Interior Girder 2	62.92	0.95	1	1	10.938668
Lane_serv_opr	BOBJ1	90	254.18	Before	Interior Girder 3	62.92	0.95	1	1	9.885891
Lane_serv_opr	BOBJ1	90	254.18	Before	Interior Girder 4	62.92	0.95	1	1	9.885891
Lane_serv_opr	BOBJ1	90	254.18	Before	Interior Girder 5	62.92	0.95	1	1	10.938668
Lane_serv_opr	BOBJ1	90	254.18	Before	Interior Girder 6	62.92	0.95	1	1	11.126927
Lane_serv_opr	BOBJ1	91	254.18	After	Interior Girder 1	62.92	0.95	1	1	13.660798
Lane_serv_opr	BOBJ1	91	254.18	After	Interior Girder 2	62.92	0.95	1	1	13.261883
Lane_serv_opr	BOBJ1	91	254.18	After	Interior Girder 3	62.92	0.95	1	1	12.188608
Lane_serv_opr	BOBJ1	91	254.18	After	Interior Girder 4	62.92	0.95	1	1	12.188608
Lane_serv_opr	BOBJ1	91	254.18	After	Interior Girder 5	62.92	0.95	1	1	13.261883
Lane_serv_opr	BOBJ1	91	254.18	After	Interior Girder 6	62.92	0.95	1	1	13.660798
Lane_serv_opr	BOBJ1	92	258.68	Before	Left Exterior Girder	67.42	0.95	1	1	13.089244
Lane_serv_opr	BOBJ1	92	258.68	Before	Interior Girder 1	67.42	0.95	1	1	7.866418
Lane_serv_opr	BOBJ1	92	258.68	Before	Interior Girder 2	67.42	0.95	1	1	7.940746
Lane_serv_opr	BOBJ1	92	258.68	Before	Interior Girder 3	67.42	0.95	1	1	6.828127
Lane_serv_opr	BOBJ1	92	258.68	Before	Interior Girder 4	67.42	0.95	1	1	6.828127

TABLE: Bridge Super Rating AASHTORATE18 31 - SteelICompServ-Flx - Approach, Span 7-11										
Request	BridgeObj	BridgeCut	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	Unitless	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Lane_serv_opr	BOBJ1	92	258.68	Before	Interior Girder 5	67.42	0.95	1	1	7.940746
Lane_serv_opr	BOBJ1	92	258.68	Before	Interior Girder 6	67.42	0.95	1	1	7.866418
Lane_serv_opr	BOBJ1	92	258.68	Before	Right Exterior Girder	67.42	0.95	1	1	13.089244
Lane_serv_opr	BOBJ1	93	258.68	After	Left Exterior Girder	0	0.95	1	1	13.223385
Lane_serv_opr	BOBJ1	93	258.68	After	Interior Girder 1	0	0.95	1	1	7.868404
Lane_serv_opr	BOBJ1	93	258.68	After	Interior Girder 2	0	0.95	1	1	7.932438
Lane_serv_opr	BOBJ1	93	258.68	After	Interior Girder 3	0	0.95	1	1	6.882227
Lane_serv_opr	BOBJ1	93	258.68	After	Interior Girder 4	0	0.95	1	1	6.882227
Lane_serv_opr	BOBJ1	93	258.68	After	Interior Girder 5	0	0.95	1	1	7.932438
Lane_serv_opr	BOBJ1	93	258.68	After	Interior Girder 6	0	0.95	1	1	7.868404
Lane_serv_opr	BOBJ1	93	258.68	After	Right Exterior Girder	0	0.95	1	1	13.223385
Lane_serv_opr	BOBJ1	94	263.18	Before	Interior Girder 1	4.5	0.95	1	1	13.33171
Lane_serv_opr	BOBJ1	94	263.18	Before	Interior Girder 2	4.5	0.95	1	1	12.974361
Lane_serv_opr	BOBJ1	94	263.18	Before	Interior Girder 3	4.5	0.95	1	1	12.140317
Lane_serv_opr	BOBJ1	94	263.18	Before	Interior Girder 4	4.5	0.95	1	1	12.140317
Lane_serv_opr	BOBJ1	94	263.18	Before	Interior Girder 5	4.5	0.95	1	1	12.974361
Lane_serv_opr	BOBJ1	94	263.18	Before	Interior Girder 6	4.5	0.95	1	1	13.33171
Lane_serv_opr	BOBJ1	95	263.18	After	Interior Girder 1	4.5	0.95	1	1	10.889246
Lane_serv_opr	BOBJ1	95	263.18	After	Interior Girder 2	4.5	0.95	1	1	10.697667
Lane_serv_opr	BOBJ1	95	263.18	After	Interior Girder 3	4.5	0.95	1	1	9.877784
Lane_serv_opr	BOBJ1	95	263.18	After	Interior Girder 4	4.5	0.95	1	1	9.877784
Lane_serv_opr	BOBJ1	95	263.18	After	Interior Girder 5	4.5	0.95	1	1	10.697667
Lane_serv_opr	BOBJ1	95	263.18	After	Interior Girder 6	4.5	0.95	1	1	10.889246
Lane_serv_opr	BOBJ1	96	265.68	Before	Left Exterior Girder	7	0.95	1	1	26.256475
Lane_serv_opr	BOBJ1	96	265.68	Before	Right Exterior Girder	7	0.95	1	1	26.256475
Lane_serv_opr	BOBJ1	97	265.68	After	Left Exterior Girder	7	0.95	1	1	15.204296
Lane_serv_opr	BOBJ1	97	265.68	After	Right Exterior Girder	7	0.95	1	1	15.204296
Lane_serv_opr	BOBJ1	98	268.08	Before	Left Exterior Girder	9.4	0.95	1	1	19.485565
Lane_serv_opr	BOBJ1	98	268.08	Before	Interior Girder 1	9.4	0.95	1	1	17.407607
Lane_serv_opr	BOBJ1	98	268.08	Before	Interior Girder 2	9.4	0.95	1	1	17.015559
Lane_serv_opr	BOBJ1	98	268.08	Before	Interior Girder 3	9.4	0.95	1	1	17.222904
Lane_serv_opr	BOBJ1	98	268.08	Before	Interior Girder 4	9.4	0.95	1	1	17.222904
Lane_serv_opr	BOBJ1	98	268.08	Before	Interior Girder 5	9.4	0.95	1	1	17.015559
Lane_serv_opr	BOBJ1	98	268.08	Before	Interior Girder 6	9.4	0.95	1	1	17.407607
Lane_serv_opr	BOBJ1	98	268.08	Before	Right Exterior Girder	9.4	0.95	1	1	19.485565
Lane_serv_opr	BOBJ1	99	268.08	After	Left Exterior Girder	9.4	0.95	1	1	18.895728
Lane_serv_opr	BOBJ1	99	268.08	After	Interior Girder 1	9.4	0.95	1	1	17.65204
Lane_serv_opr	BOBJ1	99	268.08	After	Interior Girder 2	9.4	0.95	1	1	16.942321
Lane_serv_opr	BOBJ1	99	268.08	After	Interior Girder 3	9.4	0.95	1	1	16.950665
Lane_serv_opr	BOBJ1	99	268.08	After	Interior Girder 4	9.4	0.95	1	1	16.950665
Lane_serv_opr	BOBJ1	99	268.08	After	Interior Girder 5	9.4	0.95	1	1	16.942321
Lane_serv_opr	BOBJ1	99	268.08	After	Interior Girder 6	9.4	0.95	1	1	17.65204
Lane_serv_opr	BOBJ1	99	268.08	After	Right Exterior Girder	9.4	0.95	1	1	18.895728
Lane_serv_opr	BOBJ1	100	277.48	Before	Left Exterior Girder	18.8	0.95	1	1	24.161674
Lane_serv_opr	BOBJ1	100	277.48	Before	Interior Girder 1	18.8	0.95	1	1	22.474125
Lane_serv_opr	BOBJ1	100	277.48	Before	Interior Girder 2	18.8	0.95	1	1	21.34444
Lane_serv_opr	BOBJ1	100	277.48	Before	Interior Girder 3	18.8	0.95	1	1	21.804337
Lane_serv_opr	BOBJ1	100	277.48	Before	Interior Girder 4	18.8	0.95	1	1	21.804337
Lane_serv_opr	BOBJ1	100	277.48	Before	Interior Girder 5	18.8	0.95	1	1	21.34444
Lane_serv_opr	BOBJ1	100	277.48	Before	Interior Girder 6	18.8	0.95	1	1	22.474125
Lane_serv_opr	BOBJ1	100	277.48	Before	Right Exterior Girder	18.8	0.95	1	1	24.161674
Lane_serv_opr	BOBJ1	101	277.48	After	Left Exterior Girder	18.8	0.95	1	1	24.433831
Lane_serv_opr	BOBJ1	101	277.48	After	Interior Girder 1	18.8	0.95	1	1	22.108082
Lane_serv_opr	BOBJ1	101	277.48	After	Interior Girder 2	18.8	0.95	1	1	21.400494
Lane_serv_opr	BOBJ1	101	277.48	After	Interior Girder 3	18.8	0.95	1	1	21.987766
Lane_serv_opr	BOBJ1	101	277.48	After	Interior Girder 4	18.8	0.95	1	1	21.987766
Lane_serv_opr	BOBJ1	101	277.48	After	Interior Girder 5	18.8	0.95	1	1	21.400494
Lane_serv_opr	BOBJ1	101	277.48	After	Interior Girder 6	18.8	0.95	1	1	22.108082
Lane_serv_opr	BOBJ1	101	277.48	After	Right Exterior Girder	18.8	0.95	1	1	24.433831
Lane_serv_opr	BOBJ1	102	286.88	Before	Left Exterior Girder	28.2	0.95	1	1	18.571285
Lane_serv_opr	BOBJ1	102	286.88	Before	Interior Girder 1	28.2	0.95	1	1	15.099535
Lane_serv_opr	BOBJ1	102	286.88	Before	Interior Girder 2	28.2	0.95	1	1	14.960448
Lane_serv_opr	BOBJ1	102	286.88	Before	Interior Girder 3	28.2	0.95	1	1	15.159385
Lane_serv_opr	BOBJ1	102	286.88	Before	Interior Girder 4	28.2	0.95	1	1	15.159385
Lane_serv_opr	BOBJ1	102	286.88	Before	Interior Girder 5	28.2	0.95	1	1	14.960448
Lane_serv_opr	BOBJ1	102	286.88	Before	Interior Girder 6	28.2	0.95	1	1	15.099535
Lane_serv_opr	BOBJ1	102	286.88	Before	Right Exterior Girder	28.2	0.95	1	1	18.571285
Lane_serv_opr	BOBJ1	103	286.88	After	Left Exterior Girder	28.2	0.95	1	1	18.591746
Lane_serv_opr	BOBJ1	103	286.88	After	Interior Girder 1	28.2	0.95	1	1	15.068101
Lane_serv_opr	BOBJ1	103	286.88	After	Interior Girder 2	28.2	0.95	1	1	14.957299
Lane_serv_opr	BOBJ1	103	286.88	After	Interior Girder 3	28.2	0.95	1	1	15.214343
Lane_serv_opr	BOBJ1	103	286.88	After	Interior Girder 4	28.2	0.95	1	1	15.214343
Lane_serv_opr	BOBJ1	103	286.88	After	Interior Girder 5	28.2	0.95	1	1	14.957299

TABLE: Bridge Super Rating AASHTORATE18 31 - SteelICompServ-Flx - Approach, Span 7-11										
Request	BridgeObj	BridgeCut	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	Unitless	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Lane_serv_opr	BOBJ1	103	286.88	After	Interior Girder 6	28.2	0.95	1	1	15.068101
Lane_serv_opr	BOBJ1	103	286.88	After	Right Exterior Girder	28.2	0.95	1	1	18.591746
Lane_serv_opr	BOBJ1	104	296.28	Before	Left Exterior Girder	37.6	0.95	1	1	18.234973
Lane_serv_opr	BOBJ1	104	296.28	Before	Interior Girder 1	37.6	0.95	1	1	16.483087
Lane_serv_opr	BOBJ1	104	296.28	Before	Interior Girder 2	37.6	0.95	1	1	15.931009
Lane_serv_opr	BOBJ1	104	296.28	Before	Interior Girder 3	37.6	0.95	1	1	16.335498
Lane_serv_opr	BOBJ1	104	296.28	Before	Interior Girder 4	37.6	0.95	1	1	16.335498
Lane_serv_opr	BOBJ1	104	296.28	Before	Interior Girder 5	37.6	0.95	1	1	15.931009
Lane_serv_opr	BOBJ1	104	296.28	Before	Interior Girder 6	37.6	0.95	1	1	16.483087
Lane_serv_opr	BOBJ1	104	296.28	Before	Right Exterior Girder	37.6	0.95	1	1	18.234973
Lane_serv_opr	BOBJ1	105	296.28	After	Left Exterior Girder	37.6	0.95	1	1	18.044446
Lane_serv_opr	BOBJ1	105	296.28	After	Interior Girder 1	37.6	0.95	1	1	16.668697
Lane_serv_opr	BOBJ1	105	296.28	After	Interior Girder 2	37.6	0.95	1	1	15.891873
Lane_serv_opr	BOBJ1	105	296.28	After	Interior Girder 3	37.6	0.95	1	1	16.144463
Lane_serv_opr	BOBJ1	105	296.28	After	Interior Girder 4	37.6	0.95	1	1	16.144463
Lane_serv_opr	BOBJ1	105	296.28	After	Interior Girder 5	37.6	0.95	1	1	15.891873
Lane_serv_opr	BOBJ1	105	296.28	After	Interior Girder 6	37.6	0.95	1	1	16.668697
Lane_serv_opr	BOBJ1	105	296.28	After	Right Exterior Girder	37.6	0.95	1	1	18.044446
Lane_serv_opr	BOBJ1	106	305.69	Before	Left Exterior Girder	47.01	0.95	1	1	35.201124
Lane_serv_opr	BOBJ1	106	305.69	Before	Interior Girder 1	47.01	0.95	1	1	25.307615
Lane_serv_opr	BOBJ1	106	305.69	Before	Interior Girder 2	47.01	0.95	1	1	25.712069
Lane_serv_opr	BOBJ1	106	305.69	Before	Interior Girder 3	47.01	0.95	1	1	25.763781
Lane_serv_opr	BOBJ1	106	305.69	Before	Interior Girder 4	47.01	0.95	1	1	25.763781
Lane_serv_opr	BOBJ1	106	305.69	Before	Interior Girder 5	47.01	0.95	1	1	25.712069
Lane_serv_opr	BOBJ1	106	305.69	Before	Interior Girder 6	47.01	0.95	1	1	25.307615
Lane_serv_opr	BOBJ1	106	305.69	Before	Right Exterior Girder	47.01	0.95	1	1	35.201124
Lane_serv_opr	BOBJ1	107	305.69	After	Left Exterior Girder	47.01	0.95	1	1	35.373697
Lane_serv_opr	BOBJ1	107	305.69	After	Interior Girder 1	47.01	0.95	1	1	25.477026
Lane_serv_opr	BOBJ1	107	305.69	After	Interior Girder 2	47.01	0.95	1	1	25.328573
Lane_serv_opr	BOBJ1	107	305.69	After	Interior Girder 3	47.01	0.95	1	1	24.881242
Lane_serv_opr	BOBJ1	107	305.69	After	Interior Girder 4	47.01	0.95	1	1	24.881242
Lane_serv_opr	BOBJ1	107	305.69	After	Interior Girder 5	47.01	0.95	1	1	25.328573
Lane_serv_opr	BOBJ1	107	305.69	After	Interior Girder 6	47.01	0.95	1	1	25.477026
Lane_serv_opr	BOBJ1	107	305.69	After	Right Exterior Girder	47.01	0.95	1	1	35.373697
Lane_serv_opr	BOBJ1	108	315.1	Before	Left Exterior Girder	56.42	0.95	1	1	1982.120264
Lane_serv_opr	BOBJ1	108	315.1	Before	Interior Girder 1	56.42	0.95	1	1	2180.7578
Lane_serv_opr	BOBJ1	108	315.1	Before	Interior Girder 2	56.42	0.95	1	1	1570.471621
Lane_serv_opr	BOBJ1	108	315.1	Before	Interior Girder 3	56.42	0.95	1	1	1133.78083
Lane_serv_opr	BOBJ1	108	315.1	Before	Interior Girder 4	56.42	0.95	1	1	1133.780824
Lane_serv_opr	BOBJ1	108	315.1	Before	Interior Girder 5	56.42	0.95	1	1	1570.471625
Lane_serv_opr	BOBJ1	108	315.1	Before	Interior Girder 6	56.42	0.95	1	1	2180.757802
Lane_serv_opr	BOBJ1	108	315.1	Before	Right Exterior Girder	56.42	0.95	1	1	1982.120273
Lane_serv_inv	BOBJ1	1	0	After	Left Exterior Girder	0	0.95	1	1	1456.181204
Lane_serv_inv	BOBJ1	1	0	After	Interior Girder 1	0	0.95	1	1	1669.887098
Lane_serv_inv	BOBJ1	1	0	After	Interior Girder 2	0	0.95	1	1	1222.166686
Lane_serv_inv	BOBJ1	1	0	After	Interior Girder 3	0	0.95	1	1	833.571328
Lane_serv_inv	BOBJ1	1	0	After	Interior Girder 4	0	0.95	1	1	833.571324
Lane_serv_inv	BOBJ1	1	0	After	Interior Girder 5	0	0.95	1	1	1222.166683
Lane_serv_inv	BOBJ1	1	0	After	Interior Girder 6	0	0.95	1	1	1669.887095
Lane_serv_inv	BOBJ1	1	0	After	Right Exterior Girder	0	0.95	1	1	1456.181206
Lane_serv_inv	BOBJ1	2	9.4	Before	Left Exterior Girder	9.4	0.95	1	1	27.079989
Lane_serv_inv	BOBJ1	2	9.4	Before	Interior Girder 1	9.4	0.95	1	1	19.545035
Lane_serv_inv	BOBJ1	2	9.4	Before	Interior Girder 2	9.4	0.95	1	1	19.447166
Lane_serv_inv	BOBJ1	2	9.4	Before	Interior Girder 3	9.4	0.95	1	1	19.126497
Lane_serv_inv	BOBJ1	2	9.4	Before	Interior Girder 4	9.4	0.95	1	1	19.126497
Lane_serv_inv	BOBJ1	2	9.4	Before	Interior Girder 5	9.4	0.95	1	1	19.447166
Lane_serv_inv	BOBJ1	2	9.4	Before	Interior Girder 6	9.4	0.95	1	1	19.545035
Lane_serv_inv	BOBJ1	2	9.4	Before	Right Exterior Girder	9.4	0.95	1	1	27.079989
Lane_serv_inv	BOBJ1	3	9.4	After	Left Exterior Girder	9.4	0.95	1	1	26.958039
Lane_serv_inv	BOBJ1	3	9.4	After	Interior Girder 1	9.4	0.95	1	1	19.406324
Lane_serv_inv	BOBJ1	3	9.4	After	Interior Girder 2	9.4	0.95	1	1	19.7406
Lane_serv_inv	BOBJ1	3	9.4	After	Interior Girder 3	9.4	0.95	1	1	19.80526
Lane_serv_inv	BOBJ1	3	9.4	After	Interior Girder 4	9.4	0.95	1	1	19.80526
Lane_serv_inv	BOBJ1	3	9.4	After	Interior Girder 5	9.4	0.95	1	1	19.7406
Lane_serv_inv	BOBJ1	3	9.4	After	Interior Girder 6	9.4	0.95	1	1	19.406324
Lane_serv_inv	BOBJ1	3	9.4	After	Right Exterior Girder	9.4	0.95	1	1	26.958039
Lane_serv_inv	BOBJ1	4	18.8	Before	Left Exterior Girder	18.8	0.95	1	1	13.845035
Lane_serv_inv	BOBJ1	4	18.8	Before	Interior Girder 1	18.8	0.95	1	1	12.774629
Lane_serv_inv	BOBJ1	4	18.8	Before	Interior Girder 2	18.8	0.95	1	1	12.201716
Lane_serv_inv	BOBJ1	4	18.8	Before	Interior Girder 3	18.8	0.95	1	1	12.410271
Lane_serv_inv	BOBJ1	4	18.8	Before	Interior Girder 4	18.8	0.95	1	1	12.410271
Lane_serv_inv	BOBJ1	4	18.8	Before	Interior Girder 5	18.8	0.95	1	1	12.201716
Lane_serv_inv	BOBJ1	4	18.8	Before	Interior Girder 6	18.8	0.95	1	1	12.774629

TABLE: Bridge Super Rating AASHTORATE18 31 - SteelICompServ-Flx - Approach, Span 7-11										
Request	BridgeObj	BridgeCut	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	Unitless	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Lane_serv_inv	BOBJ1	4	18.8	Before	Right Exterior Girder	18.8	0.95	1	1	13.845035
Lane_serv_inv	BOBJ1	5	18.8	After	Left Exterior Girder	18.8	0.95	1	1	13.989873
Lane_serv_inv	BOBJ1	5	18.8	After	Interior Girder 1	18.8	0.95	1	1	12.635538
Lane_serv_inv	BOBJ1	5	18.8	After	Interior Girder 2	18.8	0.95	1	1	12.230749
Lane_serv_inv	BOBJ1	5	18.8	After	Interior Girder 3	18.8	0.95	1	1	12.555853
Lane_serv_inv	BOBJ1	5	18.8	After	Interior Girder 4	18.8	0.95	1	1	12.555853
Lane_serv_inv	BOBJ1	5	18.8	After	Interior Girder 5	18.8	0.95	1	1	12.230749
Lane_serv_inv	BOBJ1	5	18.8	After	Interior Girder 6	18.8	0.95	1	1	12.635538
Lane_serv_inv	BOBJ1	5	18.8	After	Right Exterior Girder	18.8	0.95	1	1	13.989873
Lane_serv_inv	BOBJ1	6	28.2	Before	Left Exterior Girder	28.2	0.95	1	1	14.2742
Lane_serv_inv	BOBJ1	6	28.2	Before	Interior Girder 1	28.2	0.95	1	1	11.558854
Lane_serv_inv	BOBJ1	6	28.2	Before	Interior Girder 2	28.2	0.95	1	1	11.48263
Lane_serv_inv	BOBJ1	6	28.2	Before	Interior Girder 3	28.2	0.95	1	1	11.688228
Lane_serv_inv	BOBJ1	6	28.2	Before	Interior Girder 4	28.2	0.95	1	1	11.688228
Lane_serv_inv	BOBJ1	6	28.2	Before	Interior Girder 5	28.2	0.95	1	1	11.48263
Lane_serv_inv	BOBJ1	6	28.2	Before	Interior Girder 6	28.2	0.95	1	1	11.558854
Lane_serv_inv	BOBJ1	6	28.2	Before	Right Exterior Girder	28.2	0.95	1	1	14.2742
Lane_serv_inv	BOBJ1	7	28.2	After	Left Exterior Girder	28.2	0.95	1	1	14.258468
Lane_serv_inv	BOBJ1	7	28.2	After	Interior Girder 1	28.2	0.95	1	1	11.581914
Lane_serv_inv	BOBJ1	7	28.2	After	Interior Girder 2	28.2	0.95	1	1	11.485533
Lane_serv_inv	BOBJ1	7	28.2	After	Interior Girder 3	28.2	0.95	1	1	11.646763
Lane_serv_inv	BOBJ1	7	28.2	After	Interior Girder 4	28.2	0.95	1	1	11.646763
Lane_serv_inv	BOBJ1	7	28.2	After	Interior Girder 5	28.2	0.95	1	1	11.485533
Lane_serv_inv	BOBJ1	7	28.2	After	Interior Girder 6	28.2	0.95	1	1	11.581914
Lane_serv_inv	BOBJ1	7	28.2	After	Right Exterior Girder	28.2	0.95	1	1	14.258468
Lane_serv_inv	BOBJ1	8	37.6	Before	Left Exterior Girder	37.6	0.95	1	1	18.770562
Lane_serv_inv	BOBJ1	8	37.6	Before	Interior Girder 1	37.6	0.95	1	1	16.967919
Lane_serv_inv	BOBJ1	8	37.6	Before	Interior Girder 2	37.6	0.95	1	1	16.428416
Lane_serv_inv	BOBJ1	8	37.6	Before	Interior Girder 3	37.6	0.95	1	1	16.88291
Lane_serv_inv	BOBJ1	8	37.6	Before	Interior Girder 4	37.6	0.95	1	1	16.88291
Lane_serv_inv	BOBJ1	8	37.6	Before	Interior Girder 5	37.6	0.95	1	1	16.428416
Lane_serv_inv	BOBJ1	8	37.6	Before	Interior Girder 6	37.6	0.95	1	1	16.967919
Lane_serv_inv	BOBJ1	8	37.6	Before	Right Exterior Girder	37.6	0.95	1	1	18.770562
Lane_serv_inv	BOBJ1	9	37.6	After	Left Exterior Girder	37.6	0.95	1	1	18.560841
Lane_serv_inv	BOBJ1	9	37.6	After	Interior Girder 1	37.6	0.95	1	1	17.24659
Lane_serv_inv	BOBJ1	9	37.6	After	Interior Girder 2	37.6	0.95	1	1	16.386487
Lane_serv_inv	BOBJ1	9	37.6	After	Interior Girder 3	37.6	0.95	1	1	16.744129
Lane_serv_inv	BOBJ1	9	37.6	After	Interior Girder 4	37.6	0.95	1	1	16.744129
Lane_serv_inv	BOBJ1	9	37.6	After	Interior Girder 5	37.6	0.95	1	1	16.386487
Lane_serv_inv	BOBJ1	9	37.6	After	Interior Girder 6	37.6	0.95	1	1	17.24659
Lane_serv_inv	BOBJ1	9	37.6	After	Right Exterior Girder	37.6	0.95	1	1	18.560841
Lane_serv_inv	BOBJ1	10	47.01	Before	Left Exterior Girder	47.01	0.95	1	1	14.542127
Lane_serv_inv	BOBJ1	10	47.01	Before	Interior Girder 1	47.01	0.95	1	1	13.58209
Lane_serv_inv	BOBJ1	10	47.01	Before	Interior Girder 2	47.01	0.95	1	1	13.035345
Lane_serv_inv	BOBJ1	10	47.01	Before	Interior Girder 3	47.01	0.95	1	1	13.056706
Lane_serv_inv	BOBJ1	10	47.01	Before	Interior Girder 4	47.01	0.95	1	1	13.056706
Lane_serv_inv	BOBJ1	10	47.01	Before	Interior Girder 5	47.01	0.95	1	1	13.035345
Lane_serv_inv	BOBJ1	10	47.01	Before	Interior Girder 6	47.01	0.95	1	1	13.58209
Lane_serv_inv	BOBJ1	10	47.01	Before	Right Exterior Girder	47.01	0.95	1	1	14.542127
Lane_serv_inv	BOBJ1	11	47.01	After	Left Exterior Girder	47.01	0.95	1	1	14.995158
Lane_serv_inv	BOBJ1	11	47.01	After	Interior Girder 1	47.01	0.95	1	1	13.396651
Lane_serv_inv	BOBJ1	11	47.01	After	Interior Girder 2	47.01	0.95	1	1	13.090855
Lane_serv_inv	BOBJ1	11	47.01	After	Interior Girder 3	47.01	0.95	1	1	13.266788
Lane_serv_inv	BOBJ1	11	47.01	After	Interior Girder 4	47.01	0.95	1	1	13.266788
Lane_serv_inv	BOBJ1	11	47.01	After	Interior Girder 5	47.01	0.95	1	1	13.090855
Lane_serv_inv	BOBJ1	11	47.01	After	Interior Girder 6	47.01	0.95	1	1	13.396651
Lane_serv_inv	BOBJ1	11	47.01	After	Right Exterior Girder	47.01	0.95	1	1	14.995158
Lane_serv_inv	BOBJ1	12	49.42	Before	Left Exterior Girder	49.42	0.95	1	1	11.668109
Lane_serv_inv	BOBJ1	12	49.42	Before	Right Exterior Girder	49.42	0.95	1	1	11.668109
Lane_serv_inv	BOBJ1	13	49.42	After	Left Exterior Girder	49.42	0.95	1	1	20.171407
Lane_serv_inv	BOBJ1	13	49.42	After	Right Exterior Girder	49.42	0.95	1	1	20.171407
Lane_serv_inv	BOBJ1	14	51.92	Before	Interior Girder 1	51.92	0.95	1	1	8.362201
Lane_serv_inv	BOBJ1	14	51.92	Before	Interior Girder 2	51.92	0.95	1	1	8.217351
Lane_serv_inv	BOBJ1	14	51.92	Before	Interior Girder 3	51.92	0.95	1	1	7.601616
Lane_serv_inv	BOBJ1	14	51.92	Before	Interior Girder 4	51.92	0.95	1	1	7.601616
Lane_serv_inv	BOBJ1	14	51.92	Before	Interior Girder 5	51.92	0.95	1	1	8.217351
Lane_serv_inv	BOBJ1	14	51.92	Before	Interior Girder 6	51.92	0.95	1	1	8.362201
Lane_serv_inv	BOBJ1	15	51.92	After	Interior Girder 1	51.92	0.95	1	1	10.240165
Lane_serv_inv	BOBJ1	15	51.92	After	Interior Girder 2	51.92	0.95	1	1	9.966053
Lane_serv_inv	BOBJ1	15	51.92	After	Interior Girder 3	51.92	0.95	1	1	9.343859
Lane_serv_inv	BOBJ1	15	51.92	After	Interior Girder 4	51.92	0.95	1	1	9.343859
Lane_serv_inv	BOBJ1	15	51.92	After	Interior Girder 5	51.92	0.95	1	1	9.966053
Lane_serv_inv	BOBJ1	15	51.92	After	Interior Girder 6	51.92	0.95	1	1	10.240165

TABLE: Bridge Super Rating AASHTORATE18 31 - SteelICompServ-Flx - Approach, Span 7-11										
Request	BridgeObj	BridgeCut	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	Unitless	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Lane_serv_inv	BOBJ1	16	56.42	Before	Left Exterior Girder	56.42	0.95	1	1	10.16929
Lane_serv_inv	BOBJ1	16	56.42	Before	Interior Girder 1	56.42	0.95	1	1	6.037074
Lane_serv_inv	BOBJ1	16	56.42	Before	Interior Girder 2	56.42	0.95	1	1	6.088707
Lane_serv_inv	BOBJ1	16	56.42	Before	Interior Girder 3	56.42	0.95	1	1	5.29496
Lane_serv_inv	BOBJ1	16	56.42	Before	Interior Girder 4	56.42	0.95	1	1	5.29496
Lane_serv_inv	BOBJ1	16	56.42	Before	Interior Girder 5	56.42	0.95	1	1	6.088707
Lane_serv_inv	BOBJ1	16	56.42	Before	Interior Girder 6	56.42	0.95	1	1	6.037074
Lane_serv_inv	BOBJ1	16	56.42	Before	Right Exterior Girder	56.42	0.95	1	1	10.16929
Lane_serv_inv	BOBJ1	17	56.42	After	Left Exterior Girder	0	0.95	1	1	10.031115
Lane_serv_inv	BOBJ1	17	56.42	After	Interior Girder 1	0	0.95	1	1	6.049928
Lane_serv_inv	BOBJ1	17	56.42	After	Interior Girder 2	0	0.95	1	1	6.112934
Lane_serv_inv	BOBJ1	17	56.42	After	Interior Girder 3	0	0.95	1	1	5.245655
Lane_serv_inv	BOBJ1	17	56.42	After	Interior Girder 4	0	0.95	1	1	5.245655
Lane_serv_inv	BOBJ1	17	56.42	After	Interior Girder 5	0	0.95	1	1	6.112934
Lane_serv_inv	BOBJ1	17	56.42	After	Interior Girder 6	0	0.95	1	1	6.049928
Lane_serv_inv	BOBJ1	17	56.42	After	Right Exterior Girder	0	0.95	1	1	10.031115
Lane_serv_inv	BOBJ1	18	60.92	Before	Interior Girder 1	4.5	0.95	1	1	10.506744
Lane_serv_inv	BOBJ1	18	60.92	Before	Interior Girder 2	4.5	0.95	1	1	10.2085
Lane_serv_inv	BOBJ1	18	60.92	Before	Interior Girder 3	4.5	0.95	1	1	9.365041
Lane_serv_inv	BOBJ1	18	60.92	Before	Interior Girder 4	4.5	0.95	1	1	9.365041
Lane_serv_inv	BOBJ1	18	60.92	Before	Interior Girder 5	4.5	0.95	1	1	10.2085
Lane_serv_inv	BOBJ1	18	60.92	Before	Interior Girder 6	4.5	0.95	1	1	10.506744
Lane_serv_inv	BOBJ1	19	60.92	After	Interior Girder 1	4.5	0.95	1	1	8.555981
Lane_serv_inv	BOBJ1	19	60.92	After	Interior Girder 2	4.5	0.95	1	1	8.418484
Lane_serv_inv	BOBJ1	19	60.92	After	Interior Girder 3	4.5	0.95	1	1	7.595282
Lane_serv_inv	BOBJ1	19	60.92	After	Interior Girder 4	4.5	0.95	1	1	7.595282
Lane_serv_inv	BOBJ1	19	60.92	After	Interior Girder 5	4.5	0.95	1	1	8.418484
Lane_serv_inv	BOBJ1	19	60.92	After	Interior Girder 6	4.5	0.95	1	1	8.555981
Lane_serv_inv	BOBJ1	20	63.42	Before	Left Exterior Girder	7	0.95	1	1	22.136705
Lane_serv_inv	BOBJ1	20	63.42	Before	Right Exterior Girder	7	0.95	1	1	22.136705
Lane_serv_inv	BOBJ1	21	63.42	After	Left Exterior Girder	7	0.95	1	1	12.740804
Lane_serv_inv	BOBJ1	21	63.42	After	Right Exterior Girder	7	0.95	1	1	12.740804
Lane_serv_inv	BOBJ1	22	64.845	Before	Left Exterior Girder	8.425	0.95	1	1	15.902602
Lane_serv_inv	BOBJ1	22	64.845	Before	Interior Girder 1	8.425	0.95	1	1	13.599685
Lane_serv_inv	BOBJ1	22	64.845	Before	Interior Girder 2	8.425	0.95	1	1	13.114285
Lane_serv_inv	BOBJ1	22	64.845	Before	Interior Girder 3	8.425	0.95	1	1	12.665261
Lane_serv_inv	BOBJ1	22	64.845	Before	Interior Girder 4	8.425	0.95	1	1	12.665261
Lane_serv_inv	BOBJ1	22	64.845	Before	Interior Girder 5	8.425	0.95	1	1	13.114285
Lane_serv_inv	BOBJ1	22	64.845	Before	Interior Girder 6	8.425	0.95	1	1	13.599685
Lane_serv_inv	BOBJ1	22	64.845	Before	Right Exterior Girder	8.425	0.95	1	1	15.902602
Lane_serv_inv	BOBJ1	23	64.845	After	Left Exterior Girder	8.425	0.95	1	1	15.656579
Lane_serv_inv	BOBJ1	23	64.845	After	Interior Girder 1	8.425	0.95	1	1	13.719203
Lane_serv_inv	BOBJ1	23	64.845	After	Interior Girder 2	8.425	0.95	1	1	13.143038
Lane_serv_inv	BOBJ1	23	64.845	After	Interior Girder 3	8.425	0.95	1	1	12.529432
Lane_serv_inv	BOBJ1	23	64.845	After	Interior Girder 4	8.425	0.95	1	1	12.529432
Lane_serv_inv	BOBJ1	23	64.845	After	Interior Girder 5	8.425	0.95	1	1	13.143038
Lane_serv_inv	BOBJ1	23	64.845	After	Interior Girder 6	8.425	0.95	1	1	13.719203
Lane_serv_inv	BOBJ1	23	64.845	After	Right Exterior Girder	8.425	0.95	1	1	15.656579
Lane_serv_inv	BOBJ1	24	69.92	Before	Left Exterior Girder	13.5	0.95	1	1	26.764095
Lane_serv_inv	BOBJ1	24	69.92	Before	Interior Girder 1	13.5	0.95	1	1	22.134762
Lane_serv_inv	BOBJ1	24	69.92	Before	Interior Girder 2	13.5	0.95	1	1	20.860039
Lane_serv_inv	BOBJ1	24	69.92	Before	Interior Girder 3	13.5	0.95	1	1	22.057039
Lane_serv_inv	BOBJ1	24	69.92	Before	Interior Girder 4	13.5	0.95	1	1	22.057039
Lane_serv_inv	BOBJ1	24	69.92	Before	Interior Girder 5	13.5	0.95	1	1	20.860039
Lane_serv_inv	BOBJ1	24	69.92	Before	Interior Girder 6	13.5	0.95	1	1	22.134762
Lane_serv_inv	BOBJ1	24	69.92	Before	Right Exterior Girder	13.5	0.95	1	1	26.764095
Lane_serv_inv	BOBJ1	25	69.92	After	Left Exterior Girder	13.5	0.95	1	1	22.725361
Lane_serv_inv	BOBJ1	25	69.92	After	Interior Girder 1	13.5	0.95	1	1	20.824156
Lane_serv_inv	BOBJ1	25	69.92	After	Interior Girder 2	13.5	0.95	1	1	19.467072
Lane_serv_inv	BOBJ1	25	69.92	After	Interior Girder 3	13.5	0.95	1	1	20.430595
Lane_serv_inv	BOBJ1	25	69.92	After	Interior Girder 4	13.5	0.95	1	1	20.430595
Lane_serv_inv	BOBJ1	25	69.92	After	Interior Girder 5	13.5	0.95	1	1	19.467072
Lane_serv_inv	BOBJ1	25	69.92	After	Interior Girder 6	13.5	0.95	1	1	20.824156
Lane_serv_inv	BOBJ1	25	69.92	After	Right Exterior Girder	13.5	0.95	1	1	22.725361
Lane_serv_inv	BOBJ1	26	73.27	Before	Left Exterior Girder	16.85	0.95	1	1	25.380543
Lane_serv_inv	BOBJ1	26	73.27	Before	Interior Girder 1	16.85	0.95	1	1	22.488157
Lane_serv_inv	BOBJ1	26	73.27	Before	Interior Girder 2	16.85	0.95	1	1	21.799917
Lane_serv_inv	BOBJ1	26	73.27	Before	Interior Girder 3	16.85	0.95	1	1	23.874297
Lane_serv_inv	BOBJ1	26	73.27	Before	Interior Girder 4	16.85	0.95	1	1	23.874297
Lane_serv_inv	BOBJ1	26	73.27	Before	Interior Girder 5	16.85	0.95	1	1	21.799917
Lane_serv_inv	BOBJ1	26	73.27	Before	Interior Girder 6	16.85	0.95	1	1	22.488157
Lane_serv_inv	BOBJ1	26	73.27	Before	Right Exterior Girder	16.85	0.95	1	1	25.380543
Lane_serv_inv	BOBJ1	27	73.27	After	Left Exterior Girder	16.85	0.95	1	1	25.436623

TABLE: Bridge Super Rating AASHTORATE18 31 - SteelICompServ-Flx - Approach, Span 7-11										
Request	BridgeObj	BridgeCut	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	Unitless	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Lane_serv_inv	BOBJ1	27	73.27	After	Interior Girder 1	16.85	0.95	1	1	22.452008
Lane_serv_inv	BOBJ1	27	73.27	After	Interior Girder 2	16.85	0.95	1	1	21.880048
Lane_serv_inv	BOBJ1	27	73.27	After	Interior Girder 3	16.85	0.95	1	1	24.023097
Lane_serv_inv	BOBJ1	27	73.27	After	Interior Girder 4	16.85	0.95	1	1	24.023097
Lane_serv_inv	BOBJ1	27	73.27	After	Interior Girder 5	16.85	0.95	1	1	21.880048
Lane_serv_inv	BOBJ1	27	73.27	After	Interior Girder 6	16.85	0.95	1	1	22.452008
Lane_serv_inv	BOBJ1	27	73.27	After	Right Exterior Girder	16.85	0.95	1	1	25.436623
Lane_serv_inv	BOBJ1	28	81.695	Before	Left Exterior Girder	25.275	0.95	1	1	14.964372
Lane_serv_inv	BOBJ1	28	81.695	Before	Interior Girder 1	25.275	0.95	1	1	13.130079
Lane_serv_inv	BOBJ1	28	81.695	Before	Interior Girder 2	25.275	0.95	1	1	12.939721
Lane_serv_inv	BOBJ1	28	81.695	Before	Interior Girder 3	25.275	0.95	1	1	13.10091
Lane_serv_inv	BOBJ1	28	81.695	Before	Interior Girder 4	25.275	0.95	1	1	13.10091
Lane_serv_inv	BOBJ1	28	81.695	Before	Interior Girder 5	25.275	0.95	1	1	12.939721
Lane_serv_inv	BOBJ1	28	81.695	Before	Interior Girder 6	25.275	0.95	1	1	13.130079
Lane_serv_inv	BOBJ1	28	81.695	Before	Right Exterior Girder	25.275	0.95	1	1	14.964372
Lane_serv_inv	BOBJ1	29	81.695	After	Left Exterior Girder	25.275	0.95	1	1	15.200424
Lane_serv_inv	BOBJ1	29	81.695	After	Interior Girder 1	25.275	0.95	1	1	12.972494
Lane_serv_inv	BOBJ1	29	81.695	After	Interior Girder 2	25.275	0.95	1	1	12.937652
Lane_serv_inv	BOBJ1	29	81.695	After	Interior Girder 3	25.275	0.95	1	1	13.288983
Lane_serv_inv	BOBJ1	29	81.695	After	Interior Girder 4	25.275	0.95	1	1	13.288983
Lane_serv_inv	BOBJ1	29	81.695	After	Interior Girder 5	25.275	0.95	1	1	12.937652
Lane_serv_inv	BOBJ1	29	81.695	After	Interior Girder 6	25.275	0.95	1	1	12.972494
Lane_serv_inv	BOBJ1	29	81.695	After	Right Exterior Girder	25.275	0.95	1	1	15.200424
Lane_serv_inv	BOBJ1	30	90.12	Before	Left Exterior Girder	33.7	0.95	1	1	11.326601
Lane_serv_inv	BOBJ1	30	90.12	Before	Interior Girder 1	33.7	0.95	1	1	11.270381
Lane_serv_inv	BOBJ1	30	90.12	Before	Interior Girder 2	33.7	0.95	1	1	11.11634
Lane_serv_inv	BOBJ1	30	90.12	Before	Interior Girder 3	33.7	0.95	1	1	11.332277
Lane_serv_inv	BOBJ1	30	90.12	Before	Interior Girder 4	33.7	0.95	1	1	11.332277
Lane_serv_inv	BOBJ1	30	90.12	Before	Interior Girder 5	33.7	0.95	1	1	11.11634
Lane_serv_inv	BOBJ1	30	90.12	Before	Interior Girder 6	33.7	0.95	1	1	11.270381
Lane_serv_inv	BOBJ1	30	90.12	Before	Right Exterior Girder	33.7	0.95	1	1	11.326601
Lane_serv_inv	BOBJ1	31	90.12	After	Left Exterior Girder	33.7	0.95	1	1	11.358765
Lane_serv_inv	BOBJ1	31	90.12	After	Interior Girder 1	33.7	0.95	1	1	11.256566
Lane_serv_inv	BOBJ1	31	90.12	After	Interior Girder 2	33.7	0.95	1	1	11.10457
Lane_serv_inv	BOBJ1	31	90.12	After	Interior Girder 3	33.7	0.95	1	1	11.327292
Lane_serv_inv	BOBJ1	31	90.12	After	Interior Girder 4	33.7	0.95	1	1	11.327292
Lane_serv_inv	BOBJ1	31	90.12	After	Interior Girder 5	33.7	0.95	1	1	11.10457
Lane_serv_inv	BOBJ1	31	90.12	After	Interior Girder 6	33.7	0.95	1	1	11.256566
Lane_serv_inv	BOBJ1	31	90.12	After	Right Exterior Girder	33.7	0.95	1	1	11.358765
Lane_serv_inv	BOBJ1	32	98.545	Before	Left Exterior Girder	42.125	0.95	1	1	13.747836
Lane_serv_inv	BOBJ1	32	98.545	Before	Interior Girder 1	42.125	0.95	1	1	12.126252
Lane_serv_inv	BOBJ1	32	98.545	Before	Interior Girder 2	42.125	0.95	1	1	12.179664
Lane_serv_inv	BOBJ1	32	98.545	Before	Interior Girder 3	42.125	0.95	1	1	12.607397
Lane_serv_inv	BOBJ1	32	98.545	Before	Interior Girder 4	42.125	0.95	1	1	12.607397
Lane_serv_inv	BOBJ1	32	98.545	Before	Interior Girder 5	42.125	0.95	1	1	12.179664
Lane_serv_inv	BOBJ1	32	98.545	Before	Interior Girder 6	42.125	0.95	1	1	12.126252
Lane_serv_inv	BOBJ1	32	98.545	Before	Right Exterior Girder	42.125	0.95	1	1	13.747836
Lane_serv_inv	BOBJ1	33	98.545	After	Left Exterior Girder	42.125	0.95	1	1	13.632146
Lane_serv_inv	BOBJ1	33	98.545	After	Interior Girder 1	42.125	0.95	1	1	12.222662
Lane_serv_inv	BOBJ1	33	98.545	After	Interior Girder 2	42.125	0.95	1	1	12.158329
Lane_serv_inv	BOBJ1	33	98.545	After	Interior Girder 3	42.125	0.95	1	1	12.445001
Lane_serv_inv	BOBJ1	33	98.545	After	Interior Girder 4	42.125	0.95	1	1	12.445001
Lane_serv_inv	BOBJ1	33	98.545	After	Interior Girder 5	42.125	0.95	1	1	12.158329
Lane_serv_inv	BOBJ1	33	98.545	After	Interior Girder 6	42.125	0.95	1	1	12.222662
Lane_serv_inv	BOBJ1	33	98.545	After	Right Exterior Girder	42.125	0.95	1	1	13.632146
Lane_serv_inv	BOBJ1	34	106.97	Before	Left Exterior Girder	50.55	0.95	1	1	19.316773
Lane_serv_inv	BOBJ1	34	106.97	Before	Interior Girder 1	50.55	0.95	1	1	17.67963
Lane_serv_inv	BOBJ1	34	106.97	Before	Interior Girder 2	50.55	0.95	1	1	17.820957
Lane_serv_inv	BOBJ1	34	106.97	Before	Interior Girder 3	50.55	0.95	1	1	19.583692
Lane_serv_inv	BOBJ1	34	106.97	Before	Interior Girder 4	50.55	0.95	1	1	19.583692
Lane_serv_inv	BOBJ1	34	106.97	Before	Interior Girder 5	50.55	0.95	1	1	17.820957
Lane_serv_inv	BOBJ1	34	106.97	Before	Interior Girder 6	50.55	0.95	1	1	17.67963
Lane_serv_inv	BOBJ1	34	106.97	Before	Right Exterior Girder	50.55	0.95	1	1	19.316773
Lane_serv_inv	BOBJ1	35	106.97	After	Left Exterior Girder	50.55	0.95	1	1	19.394646
Lane_serv_inv	BOBJ1	35	106.97	After	Interior Girder 1	50.55	0.95	1	1	17.668045
Lane_serv_inv	BOBJ1	35	106.97	After	Interior Girder 2	50.55	0.95	1	1	17.667267
Lane_serv_inv	BOBJ1	35	106.97	After	Interior Girder 3	50.55	0.95	1	1	19.605671
Lane_serv_inv	BOBJ1	35	106.97	After	Interior Girder 4	50.55	0.95	1	1	19.605671
Lane_serv_inv	BOBJ1	35	106.97	After	Interior Girder 5	50.55	0.95	1	1	17.667267
Lane_serv_inv	BOBJ1	35	106.97	After	Interior Girder 6	50.55	0.95	1	1	17.668045
Lane_serv_inv	BOBJ1	35	106.97	After	Right Exterior Girder	50.55	0.95	1	1	19.394646
Lane_serv_inv	BOBJ1	36	115.405	Before	Left Exterior Girder	58.985	0.95	1	1	11.23325
Lane_serv_inv	BOBJ1	36	115.405	Before	Interior Girder 1	58.985	0.95	1	1	10.991342

TABLE: Bridge Super Rating AASHTORATE18 31 - SteelCompServ-Flx - Approach, Span 7-11										
Request	BridgeObj	BridgeCut	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	Unitless	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Lane_serv_inv	BOBJ1	36	115.405	Before	Interior Girder 2	58.985	0.95	1	1	10.640139
Lane_serv_inv	BOBJ1	36	115.405	Before	Interior Girder 3	58.985	0.95	1	1	10.415815
Lane_serv_inv	BOBJ1	36	115.405	Before	Interior Girder 4	58.985	0.95	1	1	10.415815
Lane_serv_inv	BOBJ1	36	115.405	Before	Interior Girder 5	58.985	0.95	1	1	10.640139
Lane_serv_inv	BOBJ1	36	115.405	Before	Interior Girder 6	58.985	0.95	1	1	10.991342
Lane_serv_inv	BOBJ1	36	115.405	Before	Right Exterior Girder	58.985	0.95	1	1	11.23325
Lane_serv_inv	BOBJ1	37	115.405	After	Left Exterior Girder	58.985	0.95	1	1	11.674797
Lane_serv_inv	BOBJ1	37	115.405	After	Interior Girder 1	58.985	0.95	1	1	10.707368
Lane_serv_inv	BOBJ1	37	115.405	After	Interior Girder 2	58.985	0.95	1	1	10.655074
Lane_serv_inv	BOBJ1	37	115.405	After	Interior Girder 3	58.985	0.95	1	1	10.569851
Lane_serv_inv	BOBJ1	37	115.405	After	Interior Girder 4	58.985	0.95	1	1	10.569851
Lane_serv_inv	BOBJ1	37	115.405	After	Interior Girder 5	58.985	0.95	1	1	10.655074
Lane_serv_inv	BOBJ1	37	115.405	After	Interior Girder 6	58.985	0.95	1	1	10.707368
Lane_serv_inv	BOBJ1	37	115.405	After	Right Exterior Girder	58.985	0.95	1	1	11.674797
Lane_serv_inv	BOBJ1	38	116.34	Before	Left Exterior Girder	59.92	0.95	1	1	10.068149
Lane_serv_inv	BOBJ1	38	116.34	Before	Right Exterior Girder	59.92	0.95	1	1	10.068149
Lane_serv_inv	BOBJ1	39	116.34	After	Left Exterior Girder	59.92	0.95	1	1	19.994494
Lane_serv_inv	BOBJ1	39	116.34	After	Right Exterior Girder	59.92	0.95	1	1	19.994494
Lane_serv_inv	BOBJ1	40	118.84	Before	Interior Girder 1	62.42	0.95	1	1	7.539853
Lane_serv_inv	BOBJ1	40	118.84	Before	Interior Girder 2	62.42	0.95	1	1	7.487936
Lane_serv_inv	BOBJ1	40	118.84	Before	Interior Girder 3	62.42	0.95	1	1	6.948151
Lane_serv_inv	BOBJ1	40	118.84	Before	Interior Girder 4	62.42	0.95	1	1	6.948151
Lane_serv_inv	BOBJ1	40	118.84	Before	Interior Girder 5	62.42	0.95	1	1	7.487936
Lane_serv_inv	BOBJ1	40	118.84	Before	Interior Girder 6	62.42	0.95	1	1	7.539853
Lane_serv_inv	BOBJ1	41	118.84	After	Interior Girder 1	62.42	0.95	1	1	10.5263
Lane_serv_inv	BOBJ1	41	118.84	After	Interior Girder 2	62.42	0.95	1	1	10.304969
Lane_serv_inv	BOBJ1	41	118.84	After	Interior Girder 3	62.42	0.95	1	1	9.733009
Lane_serv_inv	BOBJ1	41	118.84	After	Interior Girder 4	62.42	0.95	1	1	9.733009
Lane_serv_inv	BOBJ1	41	118.84	After	Interior Girder 5	62.42	0.95	1	1	10.304969
Lane_serv_inv	BOBJ1	41	118.84	After	Interior Girder 6	62.42	0.95	1	1	10.5263
Lane_serv_inv	BOBJ1	42	123.84	Before	Left Exterior Girder	67.42	0.95	1	1	9.210964
Lane_serv_inv	BOBJ1	42	123.84	Before	Interior Girder 1	67.42	0.95	1	1	6.039356
Lane_serv_inv	BOBJ1	42	123.84	Before	Interior Girder 2	67.42	0.95	1	1	6.117976
Lane_serv_inv	BOBJ1	42	123.84	Before	Interior Girder 3	67.42	0.95	1	1	5.344056
Lane_serv_inv	BOBJ1	42	123.84	Before	Interior Girder 4	67.42	0.95	1	1	5.344056
Lane_serv_inv	BOBJ1	42	123.84	Before	Interior Girder 5	67.42	0.95	1	1	6.117976
Lane_serv_inv	BOBJ1	42	123.84	Before	Interior Girder 6	67.42	0.95	1	1	6.039356
Lane_serv_inv	BOBJ1	42	123.84	Before	Right Exterior Girder	67.42	0.95	1	1	9.210964
Lane_serv_inv	BOBJ1	43	123.84	After	Left Exterior Girder	0	0.95	1	1	9.179465
Lane_serv_inv	BOBJ1	43	123.84	After	Interior Girder 1	0	0.95	1	1	6.049783
Lane_serv_inv	BOBJ1	43	123.84	After	Interior Girder 2	0	0.95	1	1	6.12963
Lane_serv_inv	BOBJ1	43	123.84	After	Interior Girder 3	0	0.95	1	1	5.341329
Lane_serv_inv	BOBJ1	43	123.84	After	Interior Girder 4	0	0.95	1	1	5.341329
Lane_serv_inv	BOBJ1	43	123.84	After	Interior Girder 5	0	0.95	1	1	6.12963
Lane_serv_inv	BOBJ1	43	123.84	After	Interior Girder 6	0	0.95	1	1	6.049783
Lane_serv_inv	BOBJ1	43	123.84	After	Right Exterior Girder	0	0.95	1	1	9.179465
Lane_serv_inv	BOBJ1	44	128.84	Before	Interior Girder 1	5	0.95	1	1	10.673266
Lane_serv_inv	BOBJ1	44	128.84	Before	Interior Girder 2	5	0.95	1	1	10.431322
Lane_serv_inv	BOBJ1	44	128.84	Before	Interior Girder 3	5	0.95	1	1	9.800191
Lane_serv_inv	BOBJ1	44	128.84	Before	Interior Girder 4	5	0.95	1	1	9.800191
Lane_serv_inv	BOBJ1	44	128.84	Before	Interior Girder 5	5	0.95	1	1	10.431322
Lane_serv_inv	BOBJ1	44	128.84	Before	Interior Girder 6	5	0.95	1	1	10.673266
Lane_serv_inv	BOBJ1	45	128.84	After	Interior Girder 1	5	0.95	1	1	7.643963
Lane_serv_inv	BOBJ1	45	128.84	After	Interior Girder 2	5	0.95	1	1	7.583812
Lane_serv_inv	BOBJ1	45	128.84	After	Interior Girder 3	5	0.95	1	1	6.999173
Lane_serv_inv	BOBJ1	45	128.84	After	Interior Girder 4	5	0.95	1	1	6.999173
Lane_serv_inv	BOBJ1	45	128.84	After	Interior Girder 5	5	0.95	1	1	7.583812
Lane_serv_inv	BOBJ1	45	128.84	After	Interior Girder 6	5	0.95	1	1	7.643963
Lane_serv_inv	BOBJ1	46	131.34	Before	Left Exterior Girder	7.5	0.95	1	1	20.514593
Lane_serv_inv	BOBJ1	46	131.34	Before	Right Exterior Girder	7.5	0.95	1	1	20.514593
Lane_serv_inv	BOBJ1	47	131.34	After	Left Exterior Girder	7.5	0.95	1	1	10.337672
Lane_serv_inv	BOBJ1	47	131.34	After	Right Exterior Girder	7.5	0.95	1	1	10.337672
Lane_serv_inv	BOBJ1	48	132.265	Before	Left Exterior Girder	8.425	0.95	1	1	12.068835
Lane_serv_inv	BOBJ1	48	132.265	Before	Interior Girder 1	8.425	0.95	1	1	11.012739
Lane_serv_inv	BOBJ1	48	132.265	Before	Interior Girder 2	8.425	0.95	1	1	10.933539
Lane_serv_inv	BOBJ1	48	132.265	Before	Interior Girder 3	8.425	0.95	1	1	10.752521
Lane_serv_inv	BOBJ1	48	132.265	Before	Interior Girder 4	8.425	0.95	1	1	10.752521
Lane_serv_inv	BOBJ1	48	132.265	Before	Interior Girder 5	8.425	0.95	1	1	10.933539
Lane_serv_inv	BOBJ1	48	132.265	Before	Interior Girder 6	8.425	0.95	1	1	11.012739
Lane_serv_inv	BOBJ1	48	132.265	Before	Right Exterior Girder	8.425	0.95	1	1	12.068835
Lane_serv_inv	BOBJ1	49	132.265	After	Left Exterior Girder	8.425	0.95	1	1	11.588697
Lane_serv_inv	BOBJ1	49	132.265	After	Interior Girder 1	8.425	0.95	1	1	11.317157
Lane_serv_inv	BOBJ1	49	132.265	After	Interior Girder 2	8.425	0.95	1	1	10.919464

TABLE: Bridge Super Rating AASHTORATE18 31 - SteelICompServ-Flx - Approach, Span 7-11										
Request	BridgeObj	BridgeCut	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	Unitless	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Lane_serv_inv	BOBJ1	49	132.265	After	Interior Girder 3	8.425	0.95	1	1	10.597021
Lane_serv_inv	BOBJ1	49	132.265	After	Interior Girder 4	8.425	0.95	1	1	10.597021
Lane_serv_inv	BOBJ1	49	132.265	After	Interior Girder 5	8.425	0.95	1	1	10.919464
Lane_serv_inv	BOBJ1	49	132.265	After	Interior Girder 6	8.425	0.95	1	1	11.317157
Lane_serv_inv	BOBJ1	49	132.265	After	Right Exterior Girder	8.425	0.95	1	1	11.588697
Lane_serv_inv	BOBJ1	50	140.69	Before	Left Exterior Girder	16.85	0.95	1	1	20.491338
Lane_serv_inv	BOBJ1	50	140.69	Before	Interior Girder 1	16.85	0.95	1	1	18.583698
Lane_serv_inv	BOBJ1	50	140.69	Before	Interior Girder 2	16.85	0.95	1	1	18.433404
Lane_serv_inv	BOBJ1	50	140.69	Before	Interior Girder 3	16.85	0.95	1	1	20.311782
Lane_serv_inv	BOBJ1	50	140.69	Before	Interior Girder 4	16.85	0.95	1	1	20.311782
Lane_serv_inv	BOBJ1	50	140.69	Before	Interior Girder 5	16.85	0.95	1	1	18.433404
Lane_serv_inv	BOBJ1	50	140.69	Before	Interior Girder 6	16.85	0.95	1	1	18.583698
Lane_serv_inv	BOBJ1	50	140.69	Before	Right Exterior Girder	16.85	0.95	1	1	20.491338
Lane_serv_inv	BOBJ1	51	140.69	After	Left Exterior Girder	16.85	0.95	1	1	20.479547
Lane_serv_inv	BOBJ1	51	140.69	After	Interior Girder 1	16.85	0.95	1	1	18.543256
Lane_serv_inv	BOBJ1	51	140.69	After	Interior Girder 2	16.85	0.95	1	1	18.579855
Lane_serv_inv	BOBJ1	51	140.69	After	Interior Girder 3	16.85	0.95	1	1	20.370408
Lane_serv_inv	BOBJ1	51	140.69	After	Interior Girder 4	16.85	0.95	1	1	20.370408
Lane_serv_inv	BOBJ1	51	140.69	After	Interior Girder 5	16.85	0.95	1	1	18.579855
Lane_serv_inv	BOBJ1	51	140.69	After	Interior Girder 6	16.85	0.95	1	1	18.543256
Lane_serv_inv	BOBJ1	51	140.69	After	Right Exterior Girder	16.85	0.95	1	1	20.479547
Lane_serv_inv	BOBJ1	52	149.115	Before	Left Exterior Girder	25.275	0.95	1	1	13.35034
Lane_serv_inv	BOBJ1	52	149.115	Before	Interior Girder 1	25.275	0.95	1	1	12.003272
Lane_serv_inv	BOBJ1	52	149.115	Before	Interior Girder 2	25.275	0.95	1	1	11.974606
Lane_serv_inv	BOBJ1	52	149.115	Before	Interior Girder 3	25.275	0.95	1	1	12.317881
Lane_serv_inv	BOBJ1	52	149.115	Before	Interior Girder 4	25.275	0.95	1	1	12.317881
Lane_serv_inv	BOBJ1	52	149.115	Before	Interior Girder 5	25.275	0.95	1	1	11.974606
Lane_serv_inv	BOBJ1	52	149.115	Before	Interior Girder 6	25.275	0.95	1	1	12.003272
Lane_serv_inv	BOBJ1	52	149.115	Before	Right Exterior Girder	25.275	0.95	1	1	13.35034
Lane_serv_inv	BOBJ1	53	149.115	After	Left Exterior Girder	25.275	0.95	1	1	13.502405
Lane_serv_inv	BOBJ1	53	149.115	After	Interior Girder 1	25.275	0.95	1	1	11.896115
Lane_serv_inv	BOBJ1	53	149.115	After	Interior Girder 2	25.275	0.95	1	1	11.983054
Lane_serv_inv	BOBJ1	53	149.115	After	Interior Girder 3	25.275	0.95	1	1	12.478543
Lane_serv_inv	BOBJ1	53	149.115	After	Interior Girder 4	25.275	0.95	1	1	12.478543
Lane_serv_inv	BOBJ1	53	149.115	After	Interior Girder 5	25.275	0.95	1	1	11.983054
Lane_serv_inv	BOBJ1	53	149.115	After	Interior Girder 6	25.275	0.95	1	1	11.896115
Lane_serv_inv	BOBJ1	53	149.115	After	Right Exterior Girder	25.275	0.95	1	1	13.502405
Lane_serv_inv	BOBJ1	54	157.54	Before	Left Exterior Girder	33.7	0.95	1	1	10.723699
Lane_serv_inv	BOBJ1	54	157.54	Before	Interior Girder 1	33.7	0.95	1	1	10.667025
Lane_serv_inv	BOBJ1	54	157.54	Before	Interior Girder 2	33.7	0.95	1	1	10.634888
Lane_serv_inv	BOBJ1	54	157.54	Before	Interior Girder 3	33.7	0.95	1	1	10.894384
Lane_serv_inv	BOBJ1	54	157.54	Before	Interior Girder 4	33.7	0.95	1	1	10.894384
Lane_serv_inv	BOBJ1	54	157.54	Before	Interior Girder 5	33.7	0.95	1	1	10.634888
Lane_serv_inv	BOBJ1	54	157.54	Before	Interior Girder 6	33.7	0.95	1	1	10.667025
Lane_serv_inv	BOBJ1	54	157.54	Before	Right Exterior Girder	33.7	0.95	1	1	10.723699
Lane_serv_inv	BOBJ1	55	157.54	After	Left Exterior Girder	33.7	0.95	1	1	10.724375
Lane_serv_inv	BOBJ1	55	157.54	After	Interior Girder 1	33.7	0.95	1	1	10.666806
Lane_serv_inv	BOBJ1	55	157.54	After	Interior Girder 2	33.7	0.95	1	1	10.634816
Lane_serv_inv	BOBJ1	55	157.54	After	Interior Girder 3	33.7	0.95	1	1	10.894511
Lane_serv_inv	BOBJ1	55	157.54	After	Interior Girder 4	33.7	0.95	1	1	10.894511
Lane_serv_inv	BOBJ1	55	157.54	After	Interior Girder 5	33.7	0.95	1	1	10.634816
Lane_serv_inv	BOBJ1	55	157.54	After	Interior Girder 6	33.7	0.95	1	1	10.666806
Lane_serv_inv	BOBJ1	55	157.54	After	Right Exterior Girder	33.7	0.95	1	1	10.724375
Lane_serv_inv	BOBJ1	56	165.965	Before	Left Exterior Girder	42.125	0.95	1	1	13.490348
Lane_serv_inv	BOBJ1	56	165.965	Before	Interior Girder 1	42.125	0.95	1	1	11.890218
Lane_serv_inv	BOBJ1	56	165.965	Before	Interior Girder 2	42.125	0.95	1	1	11.976701
Lane_serv_inv	BOBJ1	56	165.965	Before	Interior Girder 3	42.125	0.95	1	1	12.470642
Lane_serv_inv	BOBJ1	56	165.965	Before	Interior Girder 4	42.125	0.95	1	1	12.470642
Lane_serv_inv	BOBJ1	56	165.965	Before	Interior Girder 5	42.125	0.95	1	1	11.976701
Lane_serv_inv	BOBJ1	56	165.965	Before	Interior Girder 6	42.125	0.95	1	1	11.890218
Lane_serv_inv	BOBJ1	56	165.965	Before	Right Exterior Girder	42.125	0.95	1	1	13.490348
Lane_serv_inv	BOBJ1	57	165.965	After	Left Exterior Girder	42.125	0.95	1	1	13.340152
Lane_serv_inv	BOBJ1	57	165.965	After	Interior Girder 1	42.125	0.95	1	1	11.996766
Lane_serv_inv	BOBJ1	57	165.965	After	Interior Girder 2	42.125	0.95	1	1	11.968207
Lane_serv_inv	BOBJ1	57	165.965	After	Interior Girder 3	42.125	0.95	1	1	12.310793
Lane_serv_inv	BOBJ1	57	165.965	After	Interior Girder 4	42.125	0.95	1	1	12.310793
Lane_serv_inv	BOBJ1	57	165.965	After	Interior Girder 5	42.125	0.95	1	1	11.968207
Lane_serv_inv	BOBJ1	57	165.965	After	Interior Girder 6	42.125	0.95	1	1	11.996766
Lane_serv_inv	BOBJ1	57	165.965	After	Right Exterior Girder	42.125	0.95	1	1	13.340152
Lane_serv_inv	BOBJ1	58	174.39	Before	Left Exterior Girder	50.55	0.95	1	1	20.489094
Lane_serv_inv	BOBJ1	58	174.39	Before	Interior Girder 1	50.55	0.95	1	1	18.542772
Lane_serv_inv	BOBJ1	58	174.39	Before	Interior Girder 2	50.55	0.95	1	1	18.57791
Lane_serv_inv	BOBJ1	58	174.39	Before	Interior Girder 3	50.55	0.95	1	1	20.377648

TABLE: Bridge Super Rating AASHTORATE18 31 - SteelICompServ-Flx - Approach, Span 7-11										
Request	BridgeObj	BridgeCut	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	Unitless	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Lane_serv_inv	BOBJ1	58	174.39	Before	Interior Girder 4	50.55	0.95	1	1	20.377648
Lane_serv_inv	BOBJ1	58	174.39	Before	Interior Girder 5	50.55	0.95	1	1	18.57791
Lane_serv_inv	BOBJ1	58	174.39	Before	Interior Girder 6	50.55	0.95	1	1	18.542772
Lane_serv_inv	BOBJ1	58	174.39	Before	Right Exterior Girder	50.55	0.95	1	1	20.489094
Lane_serv_inv	BOBJ1	59	174.39	After	Left Exterior Girder	50.55	0.95	1	1	20.502835
Lane_serv_inv	BOBJ1	59	174.39	After	Interior Girder 1	50.55	0.95	1	1	18.584099
Lane_serv_inv	BOBJ1	59	174.39	After	Interior Girder 2	50.55	0.95	1	1	18.431662
Lane_serv_inv	BOBJ1	59	174.39	After	Interior Girder 3	50.55	0.95	1	1	20.278175
Lane_serv_inv	BOBJ1	59	174.39	After	Interior Girder 4	50.55	0.95	1	1	20.278175
Lane_serv_inv	BOBJ1	59	174.39	After	Interior Girder 5	50.55	0.95	1	1	18.431662
Lane_serv_inv	BOBJ1	59	174.39	After	Interior Girder 6	50.55	0.95	1	1	18.584099
Lane_serv_inv	BOBJ1	59	174.39	After	Right Exterior Girder	50.55	0.95	1	1	20.502835
Lane_serv_inv	BOBJ1	60	182.825	Before	Left Exterior Girder	58.985	0.95	1	1	11.610682
Lane_serv_inv	BOBJ1	60	182.825	Before	Interior Girder 1	58.985	0.95	1	1	11.317631
Lane_serv_inv	BOBJ1	60	182.825	Before	Interior Girder 2	58.985	0.95	1	1	10.917831
Lane_serv_inv	BOBJ1	60	182.825	Before	Interior Girder 3	58.985	0.95	1	1	10.610082
Lane_serv_inv	BOBJ1	60	182.825	Before	Interior Girder 4	58.985	0.95	1	1	10.610082
Lane_serv_inv	BOBJ1	60	182.825	Before	Interior Girder 5	58.985	0.95	1	1	10.917831
Lane_serv_inv	BOBJ1	60	182.825	Before	Interior Girder 6	58.985	0.95	1	1	11.317631
Lane_serv_inv	BOBJ1	60	182.825	Before	Right Exterior Girder	58.985	0.95	1	1	11.610682
Lane_serv_inv	BOBJ1	61	182.825	After	Left Exterior Girder	58.985	0.95	1	1	12.092258
Lane_serv_inv	BOBJ1	61	182.825	After	Interior Girder 1	58.985	0.95	1	1	11.01315
Lane_serv_inv	BOBJ1	61	182.825	After	Interior Girder 2	58.985	0.95	1	1	10.931311
Lane_serv_inv	BOBJ1	61	182.825	After	Interior Girder 3	58.985	0.95	1	1	10.767044
Lane_serv_inv	BOBJ1	61	182.825	After	Interior Girder 4	58.985	0.95	1	1	10.767044
Lane_serv_inv	BOBJ1	61	182.825	After	Interior Girder 5	58.985	0.95	1	1	10.931311
Lane_serv_inv	BOBJ1	61	182.825	After	Interior Girder 6	58.985	0.95	1	1	11.01315
Lane_serv_inv	BOBJ1	61	182.825	After	Right Exterior Girder	58.985	0.95	1	1	12.092258
Lane_serv_inv	BOBJ1	62	183.76	Before	Left Exterior Girder	59.92	0.95	1	1	10.318857
Lane_serv_inv	BOBJ1	62	183.76	Before	Right Exterior Girder	59.92	0.95	1	1	10.318857
Lane_serv_inv	BOBJ1	63	183.76	After	Left Exterior Girder	59.92	0.95	1	1	20.492843
Lane_serv_inv	BOBJ1	63	183.76	After	Right Exterior Girder	59.92	0.95	1	1	20.492843
Lane_serv_inv	BOBJ1	64	186.26	Before	Interior Girder 1	62.42	0.95	1	1	7.632972
Lane_serv_inv	BOBJ1	64	186.26	Before	Interior Girder 2	62.42	0.95	1	1	7.572261
Lane_serv_inv	BOBJ1	64	186.26	Before	Interior Girder 3	62.42	0.95	1	1	7.001448
Lane_serv_inv	BOBJ1	64	186.26	Before	Interior Girder 4	62.42	0.95	1	1	7.001448
Lane_serv_inv	BOBJ1	64	186.26	Before	Interior Girder 5	62.42	0.95	1	1	7.572261
Lane_serv_inv	BOBJ1	64	186.26	Before	Interior Girder 6	62.42	0.95	1	1	7.632972
Lane_serv_inv	BOBJ1	65	186.26	After	Interior Girder 1	62.42	0.95	1	1	10.65996
Lane_serv_inv	BOBJ1	65	186.26	After	Interior Girder 2	62.42	0.95	1	1	10.416232
Lane_serv_inv	BOBJ1	65	186.26	After	Interior Girder 3	62.42	0.95	1	1	9.804745
Lane_serv_inv	BOBJ1	65	186.26	After	Interior Girder 4	62.42	0.95	1	1	9.804745
Lane_serv_inv	BOBJ1	65	186.26	After	Interior Girder 5	62.42	0.95	1	1	10.416232
Lane_serv_inv	BOBJ1	65	186.26	After	Interior Girder 6	62.42	0.95	1	1	10.65996
Lane_serv_inv	BOBJ1	66	191.26	Before	Left Exterior Girder	67.42	0.95	1	1	9.191891
Lane_serv_inv	BOBJ1	66	191.26	Before	Interior Girder 1	67.42	0.95	1	1	6.040315
Lane_serv_inv	BOBJ1	66	191.26	Before	Interior Girder 2	67.42	0.95	1	1	6.119053
Lane_serv_inv	BOBJ1	66	191.26	Before	Interior Girder 3	67.42	0.95	1	1	5.343573
Lane_serv_inv	BOBJ1	66	191.26	Before	Interior Girder 4	67.42	0.95	1	1	5.343573
Lane_serv_inv	BOBJ1	66	191.26	Before	Interior Girder 5	67.42	0.95	1	1	6.119053
Lane_serv_inv	BOBJ1	66	191.26	Before	Interior Girder 6	67.42	0.95	1	1	6.040315
Lane_serv_inv	BOBJ1	66	191.26	Before	Right Exterior Girder	67.42	0.95	1	1	9.191891
Lane_serv_inv	BOBJ1	67	191.26	After	Left Exterior Girder	0	0.95	1	1	9.189597
Lane_serv_inv	BOBJ1	67	191.26	After	Interior Girder 1	0	0.95	1	1	6.043737
Lane_serv_inv	BOBJ1	67	191.26	After	Interior Girder 2	0	0.95	1	1	6.124942
Lane_serv_inv	BOBJ1	67	191.26	After	Interior Girder 3	0	0.95	1	1	5.338907
Lane_serv_inv	BOBJ1	67	191.26	After	Interior Girder 4	0	0.95	1	1	5.338907
Lane_serv_inv	BOBJ1	67	191.26	After	Interior Girder 5	0	0.95	1	1	6.124942
Lane_serv_inv	BOBJ1	67	191.26	After	Interior Girder 6	0	0.95	1	1	6.043737
Lane_serv_inv	BOBJ1	67	191.26	After	Right Exterior Girder	0	0.95	1	1	9.189597
Lane_serv_inv	BOBJ1	68	196.26	Before	Interior Girder 1	5	0.95	1	1	10.533572
Lane_serv_inv	BOBJ1	68	196.26	Before	Interior Girder 2	5	0.95	1	1	10.315777
Lane_serv_inv	BOBJ1	68	196.26	Before	Interior Girder 3	5	0.95	1	1	9.725064
Lane_serv_inv	BOBJ1	68	196.26	Before	Interior Girder 4	5	0.95	1	1	9.725064
Lane_serv_inv	BOBJ1	68	196.26	Before	Interior Girder 5	5	0.95	1	1	10.315777
Lane_serv_inv	BOBJ1	68	196.26	Before	Interior Girder 6	5	0.95	1	1	10.533572
Lane_serv_inv	BOBJ1	69	196.26	After	Interior Girder 1	5	0.95	1	1	7.544607
Lane_serv_inv	BOBJ1	69	196.26	After	Interior Girder 2	5	0.95	1	1	7.495131
Lane_serv_inv	BOBJ1	69	196.26	After	Interior Girder 3	5	0.95	1	1	6.9425
Lane_serv_inv	BOBJ1	69	196.26	After	Interior Girder 4	5	0.95	1	1	6.9425
Lane_serv_inv	BOBJ1	69	196.26	After	Interior Girder 5	5	0.95	1	1	7.495131
Lane_serv_inv	BOBJ1	69	196.26	After	Interior Girder 6	5	0.95	1	1	7.544607
Lane_serv_inv	BOBJ1	70	198.76	Before	Left Exterior Girder	7.5	0.95	1	1	20.00636

TABLE: Bridge Super Rating AASHTORATE18 31 - SteelICompServ-Flx - Approach, Span 7-11										
Request	BridgeObj	BridgeCut	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	Unitless	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Lane_serv_inv	BOBJ1	70	198.76	Before	Right Exterior Girder	7.5	0.95	1	1	20.00636
Lane_serv_inv	BOBJ1	71	198.76	After	Left Exterior Girder	7.5	0.95	1	1	10.077007
Lane_serv_inv	BOBJ1	71	198.76	After	Right Exterior Girder	7.5	0.95	1	1	10.077007
Lane_serv_inv	BOBJ1	72	199.685	Before	Left Exterior Girder	8.425	0.95	1	1	11.642482
Lane_serv_inv	BOBJ1	72	199.685	Before	Interior Girder 1	8.425	0.95	1	1	10.700962
Lane_serv_inv	BOBJ1	72	199.685	Before	Interior Girder 2	8.425	0.95	1	1	10.65322
Lane_serv_inv	BOBJ1	72	199.685	Before	Interior Girder 3	8.425	0.95	1	1	10.552368
Lane_serv_inv	BOBJ1	72	199.685	Before	Interior Girder 4	8.425	0.95	1	1	10.552368
Lane_serv_inv	BOBJ1	72	199.685	Before	Interior Girder 5	8.425	0.95	1	1	10.65322
Lane_serv_inv	BOBJ1	72	199.685	Before	Interior Girder 6	8.425	0.95	1	1	10.700962
Lane_serv_inv	BOBJ1	72	199.685	Before	Right Exterior Girder	8.425	0.95	1	1	11.642482
Lane_serv_inv	BOBJ1	73	199.685	After	Left Exterior Girder	8.425	0.95	1	1	11.201869
Lane_serv_inv	BOBJ1	73	199.685	After	Interior Girder 1	8.425	0.95	1	1	10.985127
Lane_serv_inv	BOBJ1	73	199.685	After	Interior Girder 2	8.425	0.95	1	1	10.637871
Lane_serv_inv	BOBJ1	73	199.685	After	Interior Girder 3	8.425	0.95	1	1	10.39996
Lane_serv_inv	BOBJ1	73	199.685	After	Interior Girder 4	8.425	0.95	1	1	10.39996
Lane_serv_inv	BOBJ1	73	199.685	After	Interior Girder 5	8.425	0.95	1	1	10.637871
Lane_serv_inv	BOBJ1	73	199.685	After	Interior Girder 6	8.425	0.95	1	1	10.985127
Lane_serv_inv	BOBJ1	73	199.685	After	Right Exterior Girder	8.425	0.95	1	1	11.201869
Lane_serv_inv	BOBJ1	74	208.11	Before	Left Exterior Girder	16.85	0.95	1	1	19.377806
Lane_serv_inv	BOBJ1	74	208.11	Before	Interior Girder 1	16.85	0.95	1	1	17.662404
Lane_serv_inv	BOBJ1	74	208.11	Before	Interior Girder 2	16.85	0.95	1	1	17.665083
Lane_serv_inv	BOBJ1	74	208.11	Before	Interior Girder 3	16.85	0.95	1	1	19.595036
Lane_serv_inv	BOBJ1	74	208.11	Before	Interior Girder 4	16.85	0.95	1	1	19.595036
Lane_serv_inv	BOBJ1	74	208.11	Before	Interior Girder 5	16.85	0.95	1	1	17.665083
Lane_serv_inv	BOBJ1	74	208.11	Before	Interior Girder 6	16.85	0.95	1	1	17.662404
Lane_serv_inv	BOBJ1	74	208.11	Before	Right Exterior Girder	16.85	0.95	1	1	19.377806
Lane_serv_inv	BOBJ1	75	208.11	After	Left Exterior Girder	16.85	0.95	1	1	19.30015
Lane_serv_inv	BOBJ1	75	208.11	After	Interior Girder 1	16.85	0.95	1	1	17.674498
Lane_serv_inv	BOBJ1	75	208.11	After	Interior Girder 2	16.85	0.95	1	1	17.819176
Lane_serv_inv	BOBJ1	75	208.11	After	Interior Girder 3	16.85	0.95	1	1	19.573659
Lane_serv_inv	BOBJ1	75	208.11	After	Interior Girder 4	16.85	0.95	1	1	19.573659
Lane_serv_inv	BOBJ1	75	208.11	After	Interior Girder 5	16.85	0.95	1	1	17.819176
Lane_serv_inv	BOBJ1	75	208.11	After	Interior Girder 6	16.85	0.95	1	1	17.674498
Lane_serv_inv	BOBJ1	75	208.11	After	Right Exterior Girder	16.85	0.95	1	1	19.30015
Lane_serv_inv	BOBJ1	76	216.535	Before	Left Exterior Girder	25.275	0.95	1	1	13.638969
Lane_serv_inv	BOBJ1	76	216.535	Before	Interior Girder 1	25.275	0.95	1	1	12.226148
Lane_serv_inv	BOBJ1	76	216.535	Before	Interior Girder 2	25.275	0.95	1	1	12.162518
Lane_serv_inv	BOBJ1	76	216.535	Before	Interior Girder 3	25.275	0.95	1	1	12.45039
Lane_serv_inv	BOBJ1	76	216.535	Before	Interior Girder 4	25.275	0.95	1	1	12.45039
Lane_serv_inv	BOBJ1	76	216.535	Before	Interior Girder 5	25.275	0.95	1	1	12.162518
Lane_serv_inv	BOBJ1	76	216.535	Before	Interior Girder 6	25.275	0.95	1	1	12.226148
Lane_serv_inv	BOBJ1	76	216.535	Before	Right Exterior Girder	25.275	0.95	1	1	13.638969
Lane_serv_inv	BOBJ1	77	216.535	After	Left Exterior Girder	25.275	0.95	1	1	13.757145
Lane_serv_inv	BOBJ1	77	216.535	After	Interior Girder 1	25.275	0.95	1	1	12.129044
Lane_serv_inv	BOBJ1	77	216.535	After	Interior Girder 2	25.275	0.95	1	1	12.183295
Lane_serv_inv	BOBJ1	77	216.535	After	Interior Girder 3	25.275	0.95	1	1	12.613045
Lane_serv_inv	BOBJ1	77	216.535	After	Interior Girder 4	25.275	0.95	1	1	12.613045
Lane_serv_inv	BOBJ1	77	216.535	After	Interior Girder 5	25.275	0.95	1	1	12.183295
Lane_serv_inv	BOBJ1	77	216.535	After	Interior Girder 6	25.275	0.95	1	1	12.129044
Lane_serv_inv	BOBJ1	77	216.535	After	Right Exterior Girder	25.275	0.95	1	1	13.757145
Lane_serv_inv	BOBJ1	78	224.96	Before	Left Exterior Girder	33.7	0.95	1	1	11.349364
Lane_serv_inv	BOBJ1	78	224.96	Before	Interior Girder 1	33.7	0.95	1	1	11.249294
Lane_serv_inv	BOBJ1	78	224.96	Before	Interior Girder 2	33.7	0.95	1	1	11.099481
Lane_serv_inv	BOBJ1	78	224.96	Before	Interior Girder 3	33.7	0.95	1	1	11.323125
Lane_serv_inv	BOBJ1	78	224.96	Before	Interior Girder 4	33.7	0.95	1	1	11.323125
Lane_serv_inv	BOBJ1	78	224.96	Before	Interior Girder 5	33.7	0.95	1	1	11.099481
Lane_serv_inv	BOBJ1	78	224.96	Before	Interior Girder 6	33.7	0.95	1	1	11.249294
Lane_serv_inv	BOBJ1	78	224.96	Before	Right Exterior Girder	33.7	0.95	1	1	11.349364
Lane_serv_inv	BOBJ1	79	224.96	After	Left Exterior Girder	33.7	0.95	1	1	11.319584
Lane_serv_inv	BOBJ1	79	224.96	After	Interior Girder 1	33.7	0.95	1	1	11.262377
Lane_serv_inv	BOBJ1	79	224.96	After	Interior Girder 2	33.7	0.95	1	1	11.110578
Lane_serv_inv	BOBJ1	79	224.96	After	Interior Girder 3	33.7	0.95	1	1	11.327949
Lane_serv_inv	BOBJ1	79	224.96	After	Interior Girder 4	33.7	0.95	1	1	11.327949
Lane_serv_inv	BOBJ1	79	224.96	After	Interior Girder 5	33.7	0.95	1	1	11.110578
Lane_serv_inv	BOBJ1	79	224.96	After	Interior Girder 6	33.7	0.95	1	1	11.262377
Lane_serv_inv	BOBJ1	79	224.96	After	Right Exterior Girder	33.7	0.95	1	1	11.319584
Lane_serv_inv	BOBJ1	80	233.385	Before	Left Exterior Girder	42.125	0.95	1	1	15.16548
Lane_serv_inv	BOBJ1	80	233.385	Before	Interior Girder 1	42.125	0.95	1	1	12.952259
Lane_serv_inv	BOBJ1	80	233.385	Before	Interior Girder 2	42.125	0.95	1	1	12.922032
Lane_serv_inv	BOBJ1	80	233.385	Before	Interior Girder 3	42.125	0.95	1	1	13.273384
Lane_serv_inv	BOBJ1	80	233.385	Before	Interior Girder 4	42.125	0.95	1	1	13.273384
Lane_serv_inv	BOBJ1	80	233.385	Before	Interior Girder 5	42.125	0.95	1	1	12.922032

TABLE: Bridge Super Rating AASHTORATE18 31 - SteelICompServ-Flx - Approach, Span 7-11										
Request	BridgeObj	BridgeCut	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	Unitless	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Lane_serv_inv	BOBJ1	80	233.385	Before	Interior Girder 6	42.125	0.95	1	1	12.952259
Lane_serv_inv	BOBJ1	80	233.385	Before	Right Exterior Girder	42.125	0.95	1	1	15.16548
Lane_serv_inv	BOBJ1	81	233.385	After	Left Exterior Girder	42.125	0.95	1	1	14.932983
Lane_serv_inv	BOBJ1	81	233.385	After	Interior Girder 1	42.125	0.95	1	1	13.109242
Lane_serv_inv	BOBJ1	81	233.385	After	Interior Girder 2	42.125	0.95	1	1	12.923416
Lane_serv_inv	BOBJ1	81	233.385	After	Interior Girder 3	42.125	0.95	1	1	13.085957
Lane_serv_inv	BOBJ1	81	233.385	After	Interior Girder 4	42.125	0.95	1	1	13.085957
Lane_serv_inv	BOBJ1	81	233.385	After	Interior Girder 5	42.125	0.95	1	1	12.923416
Lane_serv_inv	BOBJ1	81	233.385	After	Interior Girder 6	42.125	0.95	1	1	13.109242
Lane_serv_inv	BOBJ1	81	233.385	After	Right Exterior Girder	42.125	0.95	1	1	14.932983
Lane_serv_inv	BOBJ1	82	241.81	Before	Left Exterior Girder	50.55	0.95	1	1	25.484183
Lane_serv_inv	BOBJ1	82	241.81	Before	Interior Girder 1	50.55	0.95	1	1	22.47025
Lane_serv_inv	BOBJ1	82	241.81	Before	Interior Girder 2	50.55	0.95	1	1	21.889862
Lane_serv_inv	BOBJ1	82	241.81	Before	Interior Girder 3	50.55	0.95	1	1	23.962525
Lane_serv_inv	BOBJ1	82	241.81	Before	Interior Girder 4	50.55	0.95	1	1	23.962525
Lane_serv_inv	BOBJ1	82	241.81	Before	Interior Girder 5	50.55	0.95	1	1	21.889862
Lane_serv_inv	BOBJ1	82	241.81	Before	Interior Girder 6	50.55	0.95	1	1	22.47025
Lane_serv_inv	BOBJ1	82	241.81	Before	Right Exterior Girder	50.55	0.95	1	1	25.484183
Lane_serv_inv	BOBJ1	83	241.81	After	Left Exterior Girder	50.55	0.95	1	1	25.42677
Lane_serv_inv	BOBJ1	83	241.81	After	Interior Girder 1	50.55	0.95	1	1	22.508138
Lane_serv_inv	BOBJ1	83	241.81	After	Interior Girder 2	50.55	0.95	1	1	21.810064
Lane_serv_inv	BOBJ1	83	241.81	After	Interior Girder 3	50.55	0.95	1	1	23.813935
Lane_serv_inv	BOBJ1	83	241.81	After	Interior Girder 4	50.55	0.95	1	1	23.813935
Lane_serv_inv	BOBJ1	83	241.81	After	Interior Girder 5	50.55	0.95	1	1	21.810064
Lane_serv_inv	BOBJ1	83	241.81	After	Interior Girder 6	50.55	0.95	1	1	22.508138
Lane_serv_inv	BOBJ1	83	241.81	After	Right Exterior Girder	50.55	0.95	1	1	25.42677
Lane_serv_inv	BOBJ1	84	245.18	Before	Left Exterior Girder	53.92	0.95	1	1	22.779329
Lane_serv_inv	BOBJ1	84	245.18	Before	Interior Girder 1	53.92	0.95	1	1	20.836183
Lane_serv_inv	BOBJ1	84	245.18	Before	Interior Girder 2	53.92	0.95	1	1	19.464919
Lane_serv_inv	BOBJ1	84	245.18	Before	Interior Girder 3	53.92	0.95	1	1	20.436366
Lane_serv_inv	BOBJ1	84	245.18	Before	Interior Girder 4	53.92	0.95	1	1	20.436366
Lane_serv_inv	BOBJ1	84	245.18	Before	Interior Girder 5	53.92	0.95	1	1	19.464919
Lane_serv_inv	BOBJ1	84	245.18	Before	Interior Girder 6	53.92	0.95	1	1	20.836183
Lane_serv_inv	BOBJ1	84	245.18	Before	Right Exterior Girder	53.92	0.95	1	1	22.779329
Lane_serv_inv	BOBJ1	85	245.18	After	Left Exterior Girder	53.92	0.95	1	1	26.822
Lane_serv_inv	BOBJ1	85	245.18	After	Interior Girder 1	53.92	0.95	1	1	22.146131
Lane_serv_inv	BOBJ1	85	245.18	After	Interior Girder 2	53.92	0.95	1	1	20.858576
Lane_serv_inv	BOBJ1	85	245.18	After	Interior Girder 3	53.92	0.95	1	1	22.063852
Lane_serv_inv	BOBJ1	85	245.18	After	Interior Girder 4	53.92	0.95	1	1	22.063852
Lane_serv_inv	BOBJ1	85	245.18	After	Interior Girder 5	53.92	0.95	1	1	20.858576
Lane_serv_inv	BOBJ1	85	245.18	After	Interior Girder 6	53.92	0.95	1	1	22.146131
Lane_serv_inv	BOBJ1	85	245.18	After	Right Exterior Girder	53.92	0.95	1	1	26.822
Lane_serv_inv	BOBJ1	86	250.245	Before	Left Exterior Girder	58.985	0.95	1	1	15.729091
Lane_serv_inv	BOBJ1	86	250.245	Before	Interior Girder 1	58.985	0.95	1	1	13.740217
Lane_serv_inv	BOBJ1	86	250.245	Before	Interior Girder 2	58.985	0.95	1	1	13.153106
Lane_serv_inv	BOBJ1	86	250.245	Before	Interior Girder 3	58.985	0.95	1	1	12.554807
Lane_serv_inv	BOBJ1	86	250.245	Before	Interior Girder 4	58.985	0.95	1	1	12.554807
Lane_serv_inv	BOBJ1	86	250.245	Before	Interior Girder 5	58.985	0.95	1	1	13.153106
Lane_serv_inv	BOBJ1	86	250.245	Before	Interior Girder 6	58.985	0.95	1	1	13.740217
Lane_serv_inv	BOBJ1	86	250.245	Before	Right Exterior Girder	58.985	0.95	1	1	15.729091
Lane_serv_inv	BOBJ1	87	250.245	After	Left Exterior Girder	58.985	0.95	1	1	15.975995
Lane_serv_inv	BOBJ1	87	250.245	After	Interior Girder 1	58.985	0.95	1	1	13.621346
Lane_serv_inv	BOBJ1	87	250.245	After	Interior Girder 2	58.985	0.95	1	1	13.123823
Lane_serv_inv	BOBJ1	87	250.245	After	Interior Girder 3	58.985	0.95	1	1	12.691793
Lane_serv_inv	BOBJ1	87	250.245	After	Interior Girder 4	58.985	0.95	1	1	12.691793
Lane_serv_inv	BOBJ1	87	250.245	After	Interior Girder 5	58.985	0.95	1	1	13.123823
Lane_serv_inv	BOBJ1	87	250.245	After	Interior Girder 6	58.985	0.95	1	1	13.621346
Lane_serv_inv	BOBJ1	87	250.245	After	Right Exterior Girder	58.985	0.95	1	1	15.975995
Lane_serv_inv	BOBJ1	88	251.68	Before	Left Exterior Girder	60.42	0.95	1	1	12.789063
Lane_serv_inv	BOBJ1	88	251.68	Before	Right Exterior Girder	60.42	0.95	1	1	12.789063
Lane_serv_inv	BOBJ1	89	251.68	After	Left Exterior Girder	60.42	0.95	1	1	22.197317
Lane_serv_inv	BOBJ1	89	251.68	After	Right Exterior Girder	60.42	0.95	1	1	22.197317
Lane_serv_inv	BOBJ1	90	254.18	Before	Interior Girder 1	62.92	0.95	1	1	8.559175
Lane_serv_inv	BOBJ1	90	254.18	Before	Interior Girder 2	62.92	0.95	1	1	8.41436
Lane_serv_inv	BOBJ1	90	254.18	Before	Interior Girder 3	62.92	0.95	1	1	7.604532
Lane_serv_inv	BOBJ1	90	254.18	Before	Interior Girder 4	62.92	0.95	1	1	7.604532
Lane_serv_inv	BOBJ1	90	254.18	Before	Interior Girder 5	62.92	0.95	1	1	8.41436
Lane_serv_inv	BOBJ1	90	254.18	Before	Interior Girder 6	62.92	0.95	1	1	8.559175
Lane_serv_inv	BOBJ1	91	254.18	After	Interior Girder 1	62.92	0.95	1	1	10.508306
Lane_serv_inv	BOBJ1	91	254.18	After	Interior Girder 2	62.92	0.95	1	1	10.201449
Lane_serv_inv	BOBJ1	91	254.18	After	Interior Girder 3	62.92	0.95	1	1	9.375852
Lane_serv_inv	BOBJ1	91	254.18	After	Interior Girder 4	62.92	0.95	1	1	9.375852
Lane_serv_inv	BOBJ1	91	254.18	After	Interior Girder 5	62.92	0.95	1	1	10.201449

TABLE: Bridge Super Rating AASHTORATE18 31 - SteelICompServ-Flx - Approach, Span 7-11										
Request	BridgeObj	BridgeCut	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	Unitless	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Lane_serv_inv	BOBJ1	91	254.18	After	Interior Girder 6	62.92	0.95	1	1	10.508306
Lane_serv_inv	BOBJ1	92	258.68	Before	Left Exterior Girder	67.42	0.95	1	1	10.068649
Lane_serv_inv	BOBJ1	92	258.68	Before	Interior Girder 1	67.42	0.95	1	1	6.05109
Lane_serv_inv	BOBJ1	92	258.68	Before	Interior Girder 2	67.42	0.95	1	1	6.108267
Lane_serv_inv	BOBJ1	92	258.68	Before	Interior Girder 3	67.42	0.95	1	1	5.252406
Lane_serv_inv	BOBJ1	92	258.68	Before	Interior Girder 4	67.42	0.95	1	1	5.252406
Lane_serv_inv	BOBJ1	92	258.68	Before	Interior Girder 5	67.42	0.95	1	1	6.108267
Lane_serv_inv	BOBJ1	92	258.68	Before	Interior Girder 6	67.42	0.95	1	1	6.05109
Lane_serv_inv	BOBJ1	92	258.68	Before	Right Exterior Girder	67.42	0.95	1	1	10.068649
Lane_serv_inv	BOBJ1	93	258.68	After	Left Exterior Girder	0	0.95	1	1	10.171835
Lane_serv_inv	BOBJ1	93	258.68	After	Interior Girder 1	0	0.95	1	1	6.052618
Lane_serv_inv	BOBJ1	93	258.68	After	Interior Girder 2	0	0.95	1	1	6.101875
Lane_serv_inv	BOBJ1	93	258.68	After	Interior Girder 3	0	0.95	1	1	5.294021
Lane_serv_inv	BOBJ1	93	258.68	After	Interior Girder 4	0	0.95	1	1	5.294021
Lane_serv_inv	BOBJ1	93	258.68	After	Interior Girder 5	0	0.95	1	1	6.101875
Lane_serv_inv	BOBJ1	93	258.68	After	Interior Girder 6	0	0.95	1	1	6.052618
Lane_serv_inv	BOBJ1	93	258.68	After	Right Exterior Girder	0	0.95	1	1	10.171835
Lane_serv_inv	BOBJ1	94	263.18	Before	Interior Girder 1	4.5	0.95	1	1	10.255161
Lane_serv_inv	BOBJ1	94	263.18	Before	Interior Girder 2	4.5	0.95	1	1	9.980278
Lane_serv_inv	BOBJ1	94	263.18	Before	Interior Girder 3	4.5	0.95	1	1	9.338705
Lane_serv_inv	BOBJ1	94	263.18	Before	Interior Girder 4	4.5	0.95	1	1	9.338705
Lane_serv_inv	BOBJ1	94	263.18	Before	Interior Girder 5	4.5	0.95	1	1	9.980278
Lane_serv_inv	BOBJ1	94	263.18	Before	Interior Girder 6	4.5	0.95	1	1	10.255161
Lane_serv_inv	BOBJ1	95	263.18	After	Interior Girder 1	4.5	0.95	1	1	8.376343
Lane_serv_inv	BOBJ1	95	263.18	After	Interior Girder 2	4.5	0.95	1	1	8.228975
Lane_serv_inv	BOBJ1	95	263.18	After	Interior Girder 3	4.5	0.95	1	1	7.598295
Lane_serv_inv	BOBJ1	95	263.18	After	Interior Girder 4	4.5	0.95	1	1	7.598295
Lane_serv_inv	BOBJ1	95	263.18	After	Interior Girder 5	4.5	0.95	1	1	8.228975
Lane_serv_inv	BOBJ1	95	263.18	After	Interior Girder 6	4.5	0.95	1	1	8.376343
Lane_serv_inv	BOBJ1	96	265.68	Before	Left Exterior Girder	7	0.95	1	1	20.197288
Lane_serv_inv	BOBJ1	96	265.68	Before	Right Exterior Girder	7	0.95	1	1	20.197288
Lane_serv_inv	BOBJ1	97	265.68	After	Left Exterior Girder	7	0.95	1	1	11.695612
Lane_serv_inv	BOBJ1	97	265.68	After	Right Exterior Girder	7	0.95	1	1	11.695612
Lane_serv_inv	BOBJ1	98	268.08	Before	Left Exterior Girder	9.4	0.95	1	1	14.988896
Lane_serv_inv	BOBJ1	98	268.08	Before	Interior Girder 1	9.4	0.95	1	1	13.390467
Lane_serv_inv	BOBJ1	98	268.08	Before	Interior Girder 2	9.4	0.95	1	1	13.088891
Lane_serv_inv	BOBJ1	98	268.08	Before	Interior Girder 3	9.4	0.95	1	1	13.248388
Lane_serv_inv	BOBJ1	98	268.08	Before	Interior Girder 4	9.4	0.95	1	1	13.248388
Lane_serv_inv	BOBJ1	98	268.08	Before	Interior Girder 5	9.4	0.95	1	1	13.088891
Lane_serv_inv	BOBJ1	98	268.08	Before	Interior Girder 6	9.4	0.95	1	1	13.390467
Lane_serv_inv	BOBJ1	98	268.08	Before	Right Exterior Girder	9.4	0.95	1	1	14.988896
Lane_serv_inv	BOBJ1	99	268.08	After	Left Exterior Girder	9.4	0.95	1	1	14.535175
Lane_serv_inv	BOBJ1	99	268.08	After	Interior Girder 1	9.4	0.95	1	1	13.578492
Lane_serv_inv	BOBJ1	99	268.08	After	Interior Girder 2	9.4	0.95	1	1	13.032555
Lane_serv_inv	BOBJ1	99	268.08	After	Interior Girder 3	9.4	0.95	1	1	13.038973
Lane_serv_inv	BOBJ1	99	268.08	After	Interior Girder 4	9.4	0.95	1	1	13.038973
Lane_serv_inv	BOBJ1	99	268.08	After	Interior Girder 5	9.4	0.95	1	1	13.032555
Lane_serv_inv	BOBJ1	99	268.08	After	Interior Girder 6	9.4	0.95	1	1	13.578492
Lane_serv_inv	BOBJ1	99	268.08	After	Right Exterior Girder	9.4	0.95	1	1	14.535175
Lane_serv_inv	BOBJ1	100	277.48	Before	Left Exterior Girder	18.8	0.95	1	1	18.585903
Lane_serv_inv	BOBJ1	100	277.48	Before	Interior Girder 1	18.8	0.95	1	1	17.287789
Lane_serv_inv	BOBJ1	100	277.48	Before	Interior Girder 2	18.8	0.95	1	1	16.4188
Lane_serv_inv	BOBJ1	100	277.48	Before	Interior Girder 3	18.8	0.95	1	1	16.772567
Lane_serv_inv	BOBJ1	100	277.48	Before	Interior Girder 4	18.8	0.95	1	1	16.772567
Lane_serv_inv	BOBJ1	100	277.48	Before	Interior Girder 5	18.8	0.95	1	1	16.4188
Lane_serv_inv	BOBJ1	100	277.48	Before	Interior Girder 6	18.8	0.95	1	1	17.287789
Lane_serv_inv	BOBJ1	100	277.48	Before	Right Exterior Girder	18.8	0.95	1	1	18.585903
Lane_serv_inv	BOBJ1	101	277.48	After	Left Exterior Girder	18.8	0.95	1	1	18.795255
Lane_serv_inv	BOBJ1	101	277.48	After	Interior Girder 1	18.8	0.95	1	1	17.006217
Lane_serv_inv	BOBJ1	101	277.48	After	Interior Girder 2	18.8	0.95	1	1	16.461919
Lane_serv_inv	BOBJ1	101	277.48	After	Interior Girder 3	18.8	0.95	1	1	16.913666
Lane_serv_inv	BOBJ1	101	277.48	After	Interior Girder 4	18.8	0.95	1	1	16.913666
Lane_serv_inv	BOBJ1	101	277.48	After	Interior Girder 5	18.8	0.95	1	1	16.461919
Lane_serv_inv	BOBJ1	101	277.48	After	Interior Girder 6	18.8	0.95	1	1	17.006217
Lane_serv_inv	BOBJ1	101	277.48	After	Right Exterior Girder	18.8	0.95	1	1	18.795255
Lane_serv_inv	BOBJ1	102	286.88	Before	Left Exterior Girder	28.2	0.95	1	1	14.285604
Lane_serv_inv	BOBJ1	102	286.88	Before	Interior Girder 1	28.2	0.95	1	1	11.615027
Lane_serv_inv	BOBJ1	102	286.88	Before	Interior Girder 2	28.2	0.95	1	1	11.508037
Lane_serv_inv	BOBJ1	102	286.88	Before	Interior Girder 3	28.2	0.95	1	1	11.661066
Lane_serv_inv	BOBJ1	102	286.88	Before	Interior Girder 4	28.2	0.95	1	1	11.661066
Lane_serv_inv	BOBJ1	102	286.88	Before	Interior Girder 5	28.2	0.95	1	1	11.508037
Lane_serv_inv	BOBJ1	102	286.88	Before	Interior Girder 6	28.2	0.95	1	1	11.615027
Lane_serv_inv	BOBJ1	102	286.88	Before	Right Exterior Girder	28.2	0.95	1	1	14.285604

TABLE: Bridge Super Rating AASHTORATE18 31 - SteelICompServ-Flx - Approach, Span 7-11										
Request	BridgeObj	BridgeCut	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	Unitless	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Lane_serv_inv	BOBJ1	103	286.88	After	Left Exterior Girder	28.2	0.95	1	1	14.301343
Lane_serv_inv	BOBJ1	103	286.88	After	Interior Girder 1	28.2	0.95	1	1	11.590847
Lane_serv_inv	BOBJ1	103	286.88	After	Interior Girder 2	28.2	0.95	1	1	11.505614
Lane_serv_inv	BOBJ1	103	286.88	After	Interior Girder 3	28.2	0.95	1	1	11.703341
Lane_serv_inv	BOBJ1	103	286.88	After	Interior Girder 4	28.2	0.95	1	1	11.703341
Lane_serv_inv	BOBJ1	103	286.88	After	Interior Girder 5	28.2	0.95	1	1	11.505614
Lane_serv_inv	BOBJ1	103	286.88	After	Interior Girder 6	28.2	0.95	1	1	11.590847
Lane_serv_inv	BOBJ1	103	286.88	After	Right Exterior Girder	28.2	0.95	1	1	14.301343
Lane_serv_inv	BOBJ1	104	296.28	Before	Left Exterior Girder	37.6	0.95	1	1	14.026902
Lane_serv_inv	BOBJ1	104	296.28	Before	Interior Girder 1	37.6	0.95	1	1	12.679298
Lane_serv_inv	BOBJ1	104	296.28	Before	Interior Girder 2	37.6	0.95	1	1	12.254622
Lane_serv_inv	BOBJ1	104	296.28	Before	Interior Girder 3	37.6	0.95	1	1	12.565768
Lane_serv_inv	BOBJ1	104	296.28	Before	Interior Girder 4	37.6	0.95	1	1	12.565768
Lane_serv_inv	BOBJ1	104	296.28	Before	Interior Girder 5	37.6	0.95	1	1	12.254622
Lane_serv_inv	BOBJ1	104	296.28	Before	Interior Girder 6	37.6	0.95	1	1	12.679298
Lane_serv_inv	BOBJ1	104	296.28	Before	Right Exterior Girder	37.6	0.95	1	1	14.026902
Lane_serv_inv	BOBJ1	105	296.28	After	Left Exterior Girder	37.6	0.95	1	1	13.880343
Lane_serv_inv	BOBJ1	105	296.28	After	Interior Girder 1	37.6	0.95	1	1	12.822075
Lane_serv_inv	BOBJ1	105	296.28	After	Interior Girder 2	37.6	0.95	1	1	12.224517
Lane_serv_inv	BOBJ1	105	296.28	After	Interior Girder 3	37.6	0.95	1	1	12.418818
Lane_serv_inv	BOBJ1	105	296.28	After	Interior Girder 4	37.6	0.95	1	1	12.418818
Lane_serv_inv	BOBJ1	105	296.28	After	Interior Girder 5	37.6	0.95	1	1	12.224517
Lane_serv_inv	BOBJ1	105	296.28	After	Interior Girder 6	37.6	0.95	1	1	12.822075
Lane_serv_inv	BOBJ1	105	296.28	After	Right Exterior Girder	37.6	0.95	1	1	13.880343
Lane_serv_inv	BOBJ1	106	305.69	Before	Left Exterior Girder	47.01	0.95	1	1	27.077788
Lane_serv_inv	BOBJ1	106	305.69	Before	Interior Girder 1	47.01	0.95	1	1	19.467396
Lane_serv_inv	BOBJ1	106	305.69	Before	Interior Girder 2	47.01	0.95	1	1	19.778515
Lane_serv_inv	BOBJ1	106	305.69	Before	Interior Girder 3	47.01	0.95	1	1	19.818293
Lane_serv_inv	BOBJ1	106	305.69	Before	Interior Girder 4	47.01	0.95	1	1	19.818293
Lane_serv_inv	BOBJ1	106	305.69	Before	Interior Girder 5	47.01	0.95	1	1	19.778515
Lane_serv_inv	BOBJ1	106	305.69	Before	Interior Girder 6	47.01	0.95	1	1	19.467396
Lane_serv_inv	BOBJ1	106	305.69	Before	Right Exterior Girder	47.01	0.95	1	1	27.077788
Lane_serv_inv	BOBJ1	107	305.69	After	Left Exterior Girder	47.01	0.95	1	1	27.210536
Lane_serv_inv	BOBJ1	107	305.69	After	Interior Girder 1	47.01	0.95	1	1	19.597712
Lane_serv_inv	BOBJ1	107	305.69	After	Interior Girder 2	47.01	0.95	1	1	19.483518
Lane_serv_inv	BOBJ1	107	305.69	After	Interior Girder 3	47.01	0.95	1	1	19.139417
Lane_serv_inv	BOBJ1	107	305.69	After	Interior Girder 4	47.01	0.95	1	1	19.139417
Lane_serv_inv	BOBJ1	107	305.69	After	Interior Girder 5	47.01	0.95	1	1	19.483518
Lane_serv_inv	BOBJ1	107	305.69	After	Interior Girder 6	47.01	0.95	1	1	19.597712
Lane_serv_inv	BOBJ1	107	305.69	After	Right Exterior Girder	47.01	0.95	1	1	27.210536
Lane_serv_inv	BOBJ1	108	315.1	Before	Left Exterior Girder	56.42	0.95	1	1	1524.707896
Lane_serv_inv	BOBJ1	108	315.1	Before	Interior Girder 1	56.42	0.95	1	1	1677.506
Lane_serv_inv	BOBJ1	108	315.1	Before	Interior Girder 2	56.42	0.95	1	1	1208.055093
Lane_serv_inv	BOBJ1	108	315.1	Before	Interior Girder 3	56.42	0.95	1	1	872.1391
Lane_serv_inv	BOBJ1	108	315.1	Before	Interior Girder 4	56.42	0.95	1	1	872.139096
Lane_serv_inv	BOBJ1	108	315.1	Before	Interior Girder 5	56.42	0.95	1	1	1208.055096
Lane_serv_inv	BOBJ1	108	315.1	Before	Interior Girder 6	56.42	0.95	1	1	1677.506002
Lane_serv_inv	BOBJ1	108	315.1	Before	Right Exterior Girder	56.42	0.95	1	1	1524.707902
SU4_serv	BOBJ1	1	0	After	Left Exterior Girder	0	0.95	1	1	350.108089
SU4_serv	BOBJ1	1	0	After	Interior Girder 1	0	0.95	1	1	433.744423
SU4_serv	BOBJ1	1	0	After	Interior Girder 2	0	0.95	1	1	234.883587
SU4_serv	BOBJ1	1	0	After	Interior Girder 3	0	0.95	1	1	164.60684
SU4_serv	BOBJ1	1	0	After	Interior Girder 4	0	0.95	1	1	164.606839
SU4_serv	BOBJ1	1	0	After	Interior Girder 5	0	0.95	1	1	234.883587
SU4_serv	BOBJ1	1	0	After	Interior Girder 6	0	0.95	1	1	433.744429
SU4_serv	BOBJ1	1	0	After	Right Exterior Girder	0	0.95	1	1	350.108089
SU4_serv	BOBJ1	2	9.4	Before	Left Exterior Girder	9.4	0.95	1	1	6.655474
SU4_serv	BOBJ1	2	9.4	Before	Interior Girder 1	9.4	0.95	1	1	4.686931
SU4_serv	BOBJ1	2	9.4	Before	Interior Girder 2	9.4	0.95	1	1	4.388347
SU4_serv	BOBJ1	2	9.4	Before	Interior Girder 3	9.4	0.95	1	1	4.04801
SU4_serv	BOBJ1	2	9.4	Before	Interior Girder 4	9.4	0.95	1	1	4.04801
SU4_serv	BOBJ1	2	9.4	Before	Interior Girder 5	9.4	0.95	1	1	4.388347
SU4_serv	BOBJ1	2	9.4	Before	Interior Girder 6	9.4	0.95	1	1	4.686931
SU4_serv	BOBJ1	2	9.4	Before	Right Exterior Girder	9.4	0.95	1	1	6.655474
SU4_serv	BOBJ1	3	9.4	After	Left Exterior Girder	9.4	0.95	1	1	6.6613
SU4_serv	BOBJ1	3	9.4	After	Interior Girder 1	9.4	0.95	1	1	4.67832
SU4_serv	BOBJ1	3	9.4	After	Interior Girder 2	9.4	0.95	1	1	4.47193
SU4_serv	BOBJ1	3	9.4	After	Interior Girder 3	9.4	0.95	1	1	4.197132
SU4_serv	BOBJ1	3	9.4	After	Interior Girder 4	9.4	0.95	1	1	4.197132
SU4_serv	BOBJ1	3	9.4	After	Interior Girder 5	9.4	0.95	1	1	4.47193
SU4_serv	BOBJ1	3	9.4	After	Interior Girder 6	9.4	0.95	1	1	4.67832
SU4_serv	BOBJ1	3	9.4	After	Right Exterior Girder	9.4	0.95	1	1	6.6613
SU4_serv	BOBJ1	4	18.8	Before	Left Exterior Girder	18.8	0.95	1	1	3.721568

TABLE: Bridge Super Rating AASHTORATE18 31 - SteelICompServ-Flx - Approach, Span 7-11										
Request	BridgeObj	BridgeCut	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	Unitless	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
SU4_serv	BOBJ1	4	18.8	Before	Interior Girder 1	18.8	0.95	1	1	3.407893
SU4_serv	BOBJ1	4	18.8	Before	Interior Girder 2	18.8	0.95	1	1	3.208875
SU4_serv	BOBJ1	4	18.8	Before	Interior Girder 3	18.8	0.95	1	1	3.167114
SU4_serv	BOBJ1	4	18.8	Before	Interior Girder 4	18.8	0.95	1	1	3.167114
SU4_serv	BOBJ1	4	18.8	Before	Interior Girder 5	18.8	0.95	1	1	3.208875
SU4_serv	BOBJ1	4	18.8	Before	Interior Girder 6	18.8	0.95	1	1	3.407893
SU4_serv	BOBJ1	4	18.8	Before	Right Exterior Girder	18.8	0.95	1	1	3.721568
SU4_serv	BOBJ1	5	18.8	After	Left Exterior Girder	18.8	0.95	1	1	3.763546
SU4_serv	BOBJ1	5	18.8	After	Interior Girder 1	18.8	0.95	1	1	3.376931
SU4_serv	BOBJ1	5	18.8	After	Interior Girder 2	18.8	0.95	1	1	3.214382
SU4_serv	BOBJ1	5	18.8	After	Interior Girder 3	18.8	0.95	1	1	3.188515
SU4_serv	BOBJ1	5	18.8	After	Interior Girder 4	18.8	0.95	1	1	3.188515
SU4_serv	BOBJ1	5	18.8	After	Interior Girder 5	18.8	0.95	1	1	3.214382
SU4_serv	BOBJ1	5	18.8	After	Interior Girder 6	18.8	0.95	1	1	3.376931
SU4_serv	BOBJ1	5	18.8	After	Right Exterior Girder	18.8	0.95	1	1	3.763546
SU4_serv	BOBJ1	6	28.2	Before	Left Exterior Girder	28.2	0.95	1	1	4.07761
SU4_serv	BOBJ1	6	28.2	Before	Interior Girder 1	28.2	0.95	1	1	3.173185
SU4_serv	BOBJ1	6	28.2	Before	Interior Girder 2	28.2	0.95	1	1	3.065916
SU4_serv	BOBJ1	6	28.2	Before	Interior Girder 3	28.2	0.95	1	1	2.972251
SU4_serv	BOBJ1	6	28.2	Before	Interior Girder 4	28.2	0.95	1	1	2.972251
SU4_serv	BOBJ1	6	28.2	Before	Interior Girder 5	28.2	0.95	1	1	3.065916
SU4_serv	BOBJ1	6	28.2	Before	Interior Girder 6	28.2	0.95	1	1	3.173185
SU4_serv	BOBJ1	6	28.2	Before	Right Exterior Girder	28.2	0.95	1	1	4.07761
SU4_serv	BOBJ1	7	28.2	After	Left Exterior Girder	28.2	0.95	1	1	4.065455
SU4_serv	BOBJ1	7	28.2	After	Interior Girder 1	28.2	0.95	1	1	3.183426
SU4_serv	BOBJ1	7	28.2	After	Interior Girder 2	28.2	0.95	1	1	3.062347
SU4_serv	BOBJ1	7	28.2	After	Interior Girder 3	28.2	0.95	1	1	2.961162
SU4_serv	BOBJ1	7	28.2	After	Interior Girder 4	28.2	0.95	1	1	2.961162
SU4_serv	BOBJ1	7	28.2	After	Interior Girder 5	28.2	0.95	1	1	3.062347
SU4_serv	BOBJ1	7	28.2	After	Interior Girder 6	28.2	0.95	1	1	3.183426
SU4_serv	BOBJ1	7	28.2	After	Right Exterior Girder	28.2	0.95	1	1	4.065455
SU4_serv	BOBJ1	8	37.6	Before	Left Exterior Girder	37.6	0.95	1	1	5.700693
SU4_serv	BOBJ1	8	37.6	Before	Interior Girder 1	37.6	0.95	1	1	4.781292
SU4_serv	BOBJ1	8	37.6	Before	Interior Girder 2	37.6	0.95	1	1	4.468831
SU4_serv	BOBJ1	8	37.6	Before	Interior Girder 3	37.6	0.95	1	1	4.399687
SU4_serv	BOBJ1	8	37.6	Before	Interior Girder 4	37.6	0.95	1	1	4.399687
SU4_serv	BOBJ1	8	37.6	Before	Interior Girder 5	37.6	0.95	1	1	4.468831
SU4_serv	BOBJ1	8	37.6	Before	Interior Girder 6	37.6	0.95	1	1	4.781292
SU4_serv	BOBJ1	8	37.6	Before	Right Exterior Girder	37.6	0.95	1	1	5.700693
SU4_serv	BOBJ1	9	37.6	After	Left Exterior Girder	37.6	0.95	1	1	5.594855
SU4_serv	BOBJ1	9	37.6	After	Interior Girder 1	37.6	0.95	1	1	4.854284
SU4_serv	BOBJ1	9	37.6	After	Interior Girder 2	37.6	0.95	1	1	4.461049
SU4_serv	BOBJ1	9	37.6	After	Interior Girder 3	37.6	0.95	1	1	4.349517
SU4_serv	BOBJ1	9	37.6	After	Interior Girder 4	37.6	0.95	1	1	4.349517
SU4_serv	BOBJ1	9	37.6	After	Interior Girder 5	37.6	0.95	1	1	4.461049
SU4_serv	BOBJ1	9	37.6	After	Interior Girder 6	37.6	0.95	1	1	4.854284
SU4_serv	BOBJ1	9	37.6	After	Right Exterior Girder	37.6	0.95	1	1	5.594855
SU4_serv	BOBJ1	10	47.01	Before	Left Exterior Girder	47.01	0.95	1	1	5.280604
SU4_serv	BOBJ1	10	47.01	Before	Interior Girder 1	47.01	0.95	1	1	5.452126
SU4_serv	BOBJ1	10	47.01	Before	Interior Girder 2	47.01	0.95	1	1	5.379575
SU4_serv	BOBJ1	10	47.01	Before	Interior Girder 3	47.01	0.95	1	1	5.264297
SU4_serv	BOBJ1	10	47.01	Before	Interior Girder 4	47.01	0.95	1	1	5.264297
SU4_serv	BOBJ1	10	47.01	Before	Interior Girder 5	47.01	0.95	1	1	5.379575
SU4_serv	BOBJ1	10	47.01	Before	Interior Girder 6	47.01	0.95	1	1	5.452126
SU4_serv	BOBJ1	10	47.01	Before	Right Exterior Girder	47.01	0.95	1	1	5.280604
SU4_serv	BOBJ1	11	47.01	After	Left Exterior Girder	47.01	0.95	1	1	5.379332
SU4_serv	BOBJ1	11	47.01	After	Interior Girder 1	47.01	0.95	1	1	5.369283
SU4_serv	BOBJ1	11	47.01	After	Interior Girder 2	47.01	0.95	1	1	5.318461
SU4_serv	BOBJ1	11	47.01	After	Interior Girder 3	47.01	0.95	1	1	5.24107
SU4_serv	BOBJ1	11	47.01	After	Interior Girder 4	47.01	0.95	1	1	5.24107
SU4_serv	BOBJ1	11	47.01	After	Interior Girder 5	47.01	0.95	1	1	5.318461
SU4_serv	BOBJ1	11	47.01	After	Interior Girder 6	47.01	0.95	1	1	5.369283
SU4_serv	BOBJ1	11	47.01	After	Right Exterior Girder	47.01	0.95	1	1	5.379332
SU4_serv	BOBJ1	12	49.42	Before	Left Exterior Girder	49.42	0.95	1	1	4.59166
SU4_serv	BOBJ1	12	49.42	Before	Right Exterior Girder	49.42	0.95	1	1	4.59166
SU4_serv	BOBJ1	13	49.42	After	Left Exterior Girder	49.42	0.95	1	1	7.937651
SU4_serv	BOBJ1	13	49.42	After	Right Exterior Girder	49.42	0.95	1	1	7.937651
SU4_serv	BOBJ1	14	51.92	Before	Interior Girder 1	51.92	0.95	1	1	4.232686
SU4_serv	BOBJ1	14	51.92	Before	Interior Girder 2	51.92	0.95	1	1	4.163135
SU4_serv	BOBJ1	14	51.92	Before	Interior Girder 3	51.92	0.95	1	1	3.919472
SU4_serv	BOBJ1	14	51.92	Before	Interior Girder 4	51.92	0.95	1	1	3.919472
SU4_serv	BOBJ1	14	51.92	Before	Interior Girder 5	51.92	0.95	1	1	4.163135
SU4_serv	BOBJ1	14	51.92	Before	Interior Girder 6	51.92	0.95	1	1	4.232686

TABLE: Bridge Super Rating AASHTORATE18 31 - SteelICompServ-Flx - Approach, Span 7-11										
Request	BridgeObj	BridgeCut	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	Unitless	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
SU4_serv	BOBJ1	15	51.92	After	Interior Girder 1	51.92	0.95	1	1	5.197392
SU4_serv	BOBJ1	15	51.92	After	Interior Girder 2	51.92	0.95	1	1	4.999972
SU4_serv	BOBJ1	15	51.92	After	Interior Girder 3	51.92	0.95	1	1	4.748232
SU4_serv	BOBJ1	15	51.92	After	Interior Girder 4	51.92	0.95	1	1	4.748232
SU4_serv	BOBJ1	15	51.92	After	Interior Girder 5	51.92	0.95	1	1	4.999972
SU4_serv	BOBJ1	15	51.92	After	Interior Girder 6	51.92	0.95	1	1	5.197392
SU4_serv	BOBJ1	16	56.42	Before	Left Exterior Girder	56.42	0.95	1	1	5.615504
SU4_serv	BOBJ1	16	56.42	Before	Interior Girder 1	56.42	0.95	1	1	4.014362
SU4_serv	BOBJ1	16	56.42	Before	Interior Girder 2	56.42	0.95	1	1	3.724639
SU4_serv	BOBJ1	16	56.42	Before	Interior Girder 3	56.42	0.95	1	1	3.096375
SU4_serv	BOBJ1	16	56.42	Before	Interior Girder 4	56.42	0.95	1	1	3.096375
SU4_serv	BOBJ1	16	56.42	Before	Interior Girder 5	56.42	0.95	1	1	3.724639
SU4_serv	BOBJ1	16	56.42	Before	Interior Girder 6	56.42	0.95	1	1	4.014362
SU4_serv	BOBJ1	16	56.42	Before	Right Exterior Girder	56.42	0.95	1	1	5.615504
SU4_serv	BOBJ1	17	56.42	After	Left Exterior Girder	0	0.95	1	1	5.483775
SU4_serv	BOBJ1	17	56.42	After	Interior Girder 1	0	0.95	1	1	3.792911
SU4_serv	BOBJ1	17	56.42	After	Interior Girder 2	0	0.95	1	1	3.594191
SU4_serv	BOBJ1	17	56.42	After	Interior Girder 3	0	0.95	1	1	3.04326
SU4_serv	BOBJ1	17	56.42	After	Interior Girder 4	0	0.95	1	1	3.04326
SU4_serv	BOBJ1	17	56.42	After	Interior Girder 5	0	0.95	1	1	3.594191
SU4_serv	BOBJ1	17	56.42	After	Interior Girder 6	0	0.95	1	1	3.792911
SU4_serv	BOBJ1	17	56.42	After	Right Exterior Girder	0	0.95	1	1	5.483775
SU4_serv	BOBJ1	18	60.92	Before	Interior Girder 1	4.5	0.95	1	1	5.93648
SU4_serv	BOBJ1	18	60.92	Before	Interior Girder 2	4.5	0.95	1	1	5.548532
SU4_serv	BOBJ1	18	60.92	Before	Interior Girder 3	4.5	0.95	1	1	5.10795
SU4_serv	BOBJ1	18	60.92	Before	Interior Girder 4	4.5	0.95	1	1	5.10795
SU4_serv	BOBJ1	18	60.92	Before	Interior Girder 5	4.5	0.95	1	1	5.548532
SU4_serv	BOBJ1	18	60.92	Before	Interior Girder 6	4.5	0.95	1	1	5.93648
SU4_serv	BOBJ1	19	60.92	After	Interior Girder 1	4.5	0.95	1	1	4.858856
SU4_serv	BOBJ1	19	60.92	After	Interior Girder 2	4.5	0.95	1	1	4.628147
SU4_serv	BOBJ1	19	60.92	After	Interior Girder 3	4.5	0.95	1	1	4.230361
SU4_serv	BOBJ1	19	60.92	After	Interior Girder 4	4.5	0.95	1	1	4.230361
SU4_serv	BOBJ1	19	60.92	After	Interior Girder 5	4.5	0.95	1	1	4.628147
SU4_serv	BOBJ1	19	60.92	After	Interior Girder 6	4.5	0.95	1	1	4.858856
SU4_serv	BOBJ1	20	63.42	Before	Left Exterior Girder	7	0.95	1	1	9.575198
SU4_serv	BOBJ1	20	63.42	Before	Right Exterior Girder	7	0.95	1	1	9.575198
SU4_serv	BOBJ1	21	63.42	After	Left Exterior Girder	7	0.95	1	1	5.511117
SU4_serv	BOBJ1	21	63.42	After	Right Exterior Girder	7	0.95	1	1	5.511117
SU4_serv	BOBJ1	22	64.845	Before	Left Exterior Girder	8.425	0.95	1	1	6.030392
SU4_serv	BOBJ1	22	64.845	Before	Interior Girder 1	8.425	0.95	1	1	5.914948
SU4_serv	BOBJ1	22	64.845	Before	Interior Girder 2	8.425	0.95	1	1	5.643009
SU4_serv	BOBJ1	22	64.845	Before	Interior Girder 3	8.425	0.95	1	1	5.482622
SU4_serv	BOBJ1	22	64.845	Before	Interior Girder 4	8.425	0.95	1	1	5.482622
SU4_serv	BOBJ1	22	64.845	Before	Interior Girder 5	8.425	0.95	1	1	5.643009
SU4_serv	BOBJ1	22	64.845	Before	Interior Girder 6	8.425	0.95	1	1	5.914948
SU4_serv	BOBJ1	22	64.845	Before	Right Exterior Girder	8.425	0.95	1	1	6.030392
SU4_serv	BOBJ1	23	64.845	After	Left Exterior Girder	8.425	0.95	1	1	5.979437
SU4_serv	BOBJ1	23	64.845	After	Interior Girder 1	8.425	0.95	1	1	5.972761
SU4_serv	BOBJ1	23	64.845	After	Interior Girder 2	8.425	0.95	1	1	5.699241
SU4_serv	BOBJ1	23	64.845	After	Interior Girder 3	8.425	0.95	1	1	5.520307
SU4_serv	BOBJ1	23	64.845	After	Interior Girder 4	8.425	0.95	1	1	5.520307
SU4_serv	BOBJ1	23	64.845	After	Interior Girder 5	8.425	0.95	1	1	5.699241
SU4_serv	BOBJ1	23	64.845	After	Interior Girder 6	8.425	0.95	1	1	5.972761
SU4_serv	BOBJ1	23	64.845	After	Right Exterior Girder	8.425	0.95	1	1	5.979437
SU4_serv	BOBJ1	24	69.92	Before	Left Exterior Girder	13.5	0.95	1	1	7.888273
SU4_serv	BOBJ1	24	69.92	Before	Interior Girder 1	13.5	0.95	1	1	7.412922
SU4_serv	BOBJ1	24	69.92	Before	Interior Girder 2	13.5	0.95	1	1	6.806203
SU4_serv	BOBJ1	24	69.92	Before	Interior Girder 3	13.5	0.95	1	1	6.611752
SU4_serv	BOBJ1	24	69.92	Before	Interior Girder 4	13.5	0.95	1	1	6.611752
SU4_serv	BOBJ1	24	69.92	Before	Interior Girder 5	13.5	0.95	1	1	6.806203
SU4_serv	BOBJ1	24	69.92	Before	Interior Girder 6	13.5	0.95	1	1	7.412922
SU4_serv	BOBJ1	24	69.92	Before	Right Exterior Girder	13.5	0.95	1	1	7.888273
SU4_serv	BOBJ1	25	69.92	After	Left Exterior Girder	13.5	0.95	1	1	6.778777
SU4_serv	BOBJ1	25	69.92	After	Interior Girder 1	13.5	0.95	1	1	6.927101
SU4_serv	BOBJ1	25	69.92	After	Interior Girder 2	13.5	0.95	1	1	6.469014
SU4_serv	BOBJ1	25	69.92	After	Interior Girder 3	13.5	0.95	1	1	6.34611
SU4_serv	BOBJ1	25	69.92	After	Interior Girder 4	13.5	0.95	1	1	6.34611
SU4_serv	BOBJ1	25	69.92	After	Interior Girder 5	13.5	0.95	1	1	6.469014
SU4_serv	BOBJ1	25	69.92	After	Interior Girder 6	13.5	0.95	1	1	6.927101
SU4_serv	BOBJ1	25	69.92	After	Right Exterior Girder	13.5	0.95	1	1	6.778777
SU4_serv	BOBJ1	26	73.27	Before	Left Exterior Girder	16.85	0.95	1	1	6.807667
SU4_serv	BOBJ1	26	73.27	Before	Interior Girder 1	16.85	0.95	1	1	5.720374
SU4_serv	BOBJ1	26	73.27	Before	Interior Girder 2	16.85	0.95	1	1	5.222988

TABLE: Bridge Super Rating AASHTORATE18 31 - SteelICompServ-Flx - Approach, Span 7-11										
Request	BridgeObj	BridgeCut	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	Unitless	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
SU4_serv	BOBJ1	26	73.27	Before	Interior Girder 3	16.85	0.95	1	1	5.112266
SU4_serv	BOBJ1	26	73.27	Before	Interior Girder 4	16.85	0.95	1	1	5.112266
SU4_serv	BOBJ1	26	73.27	Before	Interior Girder 5	16.85	0.95	1	1	5.222988
SU4_serv	BOBJ1	26	73.27	Before	Interior Girder 6	16.85	0.95	1	1	5.720374
SU4_serv	BOBJ1	26	73.27	Before	Right Exterior Girder	16.85	0.95	1	1	6.807667
SU4_serv	BOBJ1	27	73.27	After	Left Exterior Girder	16.85	0.95	1	1	6.956957
SU4_serv	BOBJ1	27	73.27	After	Interior Girder 1	16.85	0.95	1	1	5.62848
SU4_serv	BOBJ1	27	73.27	After	Interior Girder 2	16.85	0.95	1	1	5.194286
SU4_serv	BOBJ1	27	73.27	After	Interior Girder 3	16.85	0.95	1	1	5.127903
SU4_serv	BOBJ1	27	73.27	After	Interior Girder 4	16.85	0.95	1	1	5.127903
SU4_serv	BOBJ1	27	73.27	After	Interior Girder 5	16.85	0.95	1	1	5.194286
SU4_serv	BOBJ1	27	73.27	After	Interior Girder 6	16.85	0.95	1	1	5.62848
SU4_serv	BOBJ1	27	73.27	After	Right Exterior Girder	16.85	0.95	1	1	6.956957
SU4_serv	BOBJ1	28	81.695	Before	Left Exterior Girder	25.275	0.95	1	1	4.319686
SU4_serv	BOBJ1	28	81.695	Before	Interior Girder 1	25.275	0.95	1	1	3.506282
SU4_serv	BOBJ1	28	81.695	Before	Interior Girder 2	25.275	0.95	1	1	3.370455
SU4_serv	BOBJ1	28	81.695	Before	Interior Girder 3	25.275	0.95	1	1	3.263283
SU4_serv	BOBJ1	28	81.695	Before	Interior Girder 4	25.275	0.95	1	1	3.263283
SU4_serv	BOBJ1	28	81.695	Before	Interior Girder 5	25.275	0.95	1	1	3.370455
SU4_serv	BOBJ1	28	81.695	Before	Interior Girder 6	25.275	0.95	1	1	3.506282
SU4_serv	BOBJ1	28	81.695	Before	Right Exterior Girder	25.275	0.95	1	1	4.319686
SU4_serv	BOBJ1	29	81.695	After	Left Exterior Girder	25.275	0.95	1	1	4.373573
SU4_serv	BOBJ1	29	81.695	After	Interior Girder 1	25.275	0.95	1	1	3.475481
SU4_serv	BOBJ1	29	81.695	After	Interior Girder 2	25.275	0.95	1	1	3.366917
SU4_serv	BOBJ1	29	81.695	After	Interior Girder 3	25.275	0.95	1	1	3.287865
SU4_serv	BOBJ1	29	81.695	After	Interior Girder 4	25.275	0.95	1	1	3.287865
SU4_serv	BOBJ1	29	81.695	After	Interior Girder 5	25.275	0.95	1	1	3.366917
SU4_serv	BOBJ1	29	81.695	After	Interior Girder 6	25.275	0.95	1	1	3.475481
SU4_serv	BOBJ1	29	81.695	After	Right Exterior Girder	25.275	0.95	1	1	4.373573
SU4_serv	BOBJ1	30	90.12	Before	Left Exterior Girder	33.7	0.95	1	1	3.481695
SU4_serv	BOBJ1	30	90.12	Before	Interior Girder 1	33.7	0.95	1	1	3.307334
SU4_serv	BOBJ1	30	90.12	Before	Interior Girder 2	33.7	0.95	1	1	3.204081
SU4_serv	BOBJ1	30	90.12	Before	Interior Girder 3	33.7	0.95	1	1	3.223483
SU4_serv	BOBJ1	30	90.12	Before	Interior Girder 4	33.7	0.95	1	1	3.223483
SU4_serv	BOBJ1	30	90.12	Before	Interior Girder 5	33.7	0.95	1	1	3.204081
SU4_serv	BOBJ1	30	90.12	Before	Interior Girder 6	33.7	0.95	1	1	3.307334
SU4_serv	BOBJ1	30	90.12	Before	Right Exterior Girder	33.7	0.95	1	1	3.481695
SU4_serv	BOBJ1	31	90.12	After	Left Exterior Girder	33.7	0.95	1	1	3.483707
SU4_serv	BOBJ1	31	90.12	After	Interior Girder 1	33.7	0.95	1	1	3.307369
SU4_serv	BOBJ1	31	90.12	After	Interior Girder 2	33.7	0.95	1	1	3.201585
SU4_serv	BOBJ1	31	90.12	After	Interior Girder 3	33.7	0.95	1	1	3.22278
SU4_serv	BOBJ1	31	90.12	After	Interior Girder 4	33.7	0.95	1	1	3.22278
SU4_serv	BOBJ1	31	90.12	After	Interior Girder 5	33.7	0.95	1	1	3.201585
SU4_serv	BOBJ1	31	90.12	After	Interior Girder 6	33.7	0.95	1	1	3.307369
SU4_serv	BOBJ1	31	90.12	After	Right Exterior Girder	33.7	0.95	1	1	3.483707
SU4_serv	BOBJ1	32	98.545	Before	Left Exterior Girder	42.125	0.95	1	1	4.261706
SU4_serv	BOBJ1	32	98.545	Before	Interior Girder 1	42.125	0.95	1	1	3.435495
SU4_serv	BOBJ1	32	98.545	Before	Interior Girder 2	42.125	0.95	1	1	3.340735
SU4_serv	BOBJ1	32	98.545	Before	Interior Girder 3	42.125	0.95	1	1	3.268866
SU4_serv	BOBJ1	32	98.545	Before	Interior Girder 4	42.125	0.95	1	1	3.268866
SU4_serv	BOBJ1	32	98.545	Before	Interior Girder 5	42.125	0.95	1	1	3.340735
SU4_serv	BOBJ1	32	98.545	Before	Interior Girder 6	42.125	0.95	1	1	3.435495
SU4_serv	BOBJ1	32	98.545	Before	Right Exterior Girder	42.125	0.95	1	1	4.261706
SU4_serv	BOBJ1	33	98.545	After	Left Exterior Girder	42.125	0.95	1	1	4.219354
SU4_serv	BOBJ1	33	98.545	After	Interior Girder 1	42.125	0.95	1	1	3.463005
SU4_serv	BOBJ1	33	98.545	After	Interior Girder 2	42.125	0.95	1	1	3.342607
SU4_serv	BOBJ1	33	98.545	After	Interior Girder 3	42.125	0.95	1	1	3.245836
SU4_serv	BOBJ1	33	98.545	After	Interior Girder 4	42.125	0.95	1	1	3.245836
SU4_serv	BOBJ1	33	98.545	After	Interior Girder 5	42.125	0.95	1	1	3.342607
SU4_serv	BOBJ1	33	98.545	After	Interior Girder 6	42.125	0.95	1	1	3.463005
SU4_serv	BOBJ1	33	98.545	After	Right Exterior Girder	42.125	0.95	1	1	4.219354
SU4_serv	BOBJ1	34	106.97	Before	Left Exterior Girder	50.55	0.95	1	1	6.571529
SU4_serv	BOBJ1	34	106.97	Before	Interior Girder 1	50.55	0.95	1	1	5.433876
SU4_serv	BOBJ1	34	106.97	Before	Interior Girder 2	50.55	0.95	1	1	5.070677
SU4_serv	BOBJ1	34	106.97	Before	Interior Girder 3	50.55	0.95	1	1	4.996238
SU4_serv	BOBJ1	34	106.97	Before	Interior Girder 4	50.55	0.95	1	1	4.996238
SU4_serv	BOBJ1	34	106.97	Before	Interior Girder 5	50.55	0.95	1	1	5.070677
SU4_serv	BOBJ1	34	106.97	Before	Interior Girder 6	50.55	0.95	1	1	5.433876
SU4_serv	BOBJ1	34	106.97	Before	Right Exterior Girder	50.55	0.95	1	1	6.571529
SU4_serv	BOBJ1	35	106.97	After	Left Exterior Girder	50.55	0.95	1	1	6.425859
SU4_serv	BOBJ1	35	106.97	After	Interior Girder 1	50.55	0.95	1	1	5.514959
SU4_serv	BOBJ1	35	106.97	After	Interior Girder 2	50.55	0.95	1	1	5.06842
SU4_serv	BOBJ1	35	106.97	After	Interior Girder 3	50.55	0.95	1	1	4.92835

TABLE: Bridge Super Rating AASHTORATE18 31 - SteelICompServ-Flx - Approach, Span 7-11										
Request	BridgeObj	BridgeCut	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	Unitless	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
SU4_serv	BOBJ1	35	106.97	After	Interior Girder 4	50.55	0.95	1	1	4.92835
SU4_serv	BOBJ1	35	106.97	After	Interior Girder 5	50.55	0.95	1	1	5.06842
SU4_serv	BOBJ1	35	106.97	After	Interior Girder 6	50.55	0.95	1	1	5.514959
SU4_serv	BOBJ1	35	106.97	After	Right Exterior Girder	50.55	0.95	1	1	6.425859
SU4_serv	BOBJ1	36	115.405	Before	Left Exterior Girder	58.985	0.95	1	1	4.554706
SU4_serv	BOBJ1	36	115.405	Before	Interior Girder 1	58.985	0.95	1	1	4.992323
SU4_serv	BOBJ1	36	115.405	Before	Interior Girder 2	58.985	0.95	1	1	4.932628
SU4_serv	BOBJ1	36	115.405	Before	Interior Girder 3	58.985	0.95	1	1	4.794452
SU4_serv	BOBJ1	36	115.405	Before	Interior Girder 4	58.985	0.95	1	1	4.794452
SU4_serv	BOBJ1	36	115.405	Before	Interior Girder 5	58.985	0.95	1	1	4.932628
SU4_serv	BOBJ1	36	115.405	Before	Interior Girder 6	58.985	0.95	1	1	4.992323
SU4_serv	BOBJ1	36	115.405	Before	Right Exterior Girder	58.985	0.95	1	1	4.554706
SU4_serv	BOBJ1	37	115.405	After	Left Exterior Girder	58.985	0.95	1	1	4.652743
SU4_serv	BOBJ1	37	115.405	After	Interior Girder 1	58.985	0.95	1	1	4.906402
SU4_serv	BOBJ1	37	115.405	After	Interior Girder 2	58.985	0.95	1	1	4.885443
SU4_serv	BOBJ1	37	115.405	After	Interior Girder 3	58.985	0.95	1	1	4.777352
SU4_serv	BOBJ1	37	115.405	After	Interior Girder 4	58.985	0.95	1	1	4.777352
SU4_serv	BOBJ1	37	115.405	After	Interior Girder 5	58.985	0.95	1	1	4.885443
SU4_serv	BOBJ1	37	115.405	After	Interior Girder 6	58.985	0.95	1	1	4.906402
SU4_serv	BOBJ1	37	115.405	After	Right Exterior Girder	58.985	0.95	1	1	4.652743
SU4_serv	BOBJ1	38	116.34	Before	Left Exterior Girder	59.92	0.95	1	1	4.316153
SU4_serv	BOBJ1	38	116.34	Before	Right Exterior Girder	59.92	0.95	1	1	4.316153
SU4_serv	BOBJ1	39	116.34	After	Left Exterior Girder	59.92	0.95	1	1	8.571212
SU4_serv	BOBJ1	39	116.34	After	Right Exterior Girder	59.92	0.95	1	1	8.571212
SU4_serv	BOBJ1	40	118.84	Before	Interior Girder 1	62.42	0.95	1	1	4.14456
SU4_serv	BOBJ1	40	118.84	Before	Interior Girder 2	62.42	0.95	1	1	4.092276
SU4_serv	BOBJ1	40	118.84	Before	Interior Girder 3	62.42	0.95	1	1	3.851317
SU4_serv	BOBJ1	40	118.84	Before	Interior Girder 4	62.42	0.95	1	1	3.851317
SU4_serv	BOBJ1	40	118.84	Before	Interior Girder 5	62.42	0.95	1	1	4.092276
SU4_serv	BOBJ1	40	118.84	Before	Interior Girder 6	62.42	0.95	1	1	4.14456
SU4_serv	BOBJ1	41	118.84	After	Interior Girder 1	62.42	0.95	1	1	5.796663
SU4_serv	BOBJ1	41	118.84	After	Interior Girder 2	62.42	0.95	1	1	5.58339
SU4_serv	BOBJ1	41	118.84	After	Interior Girder 3	62.42	0.95	1	1	5.319803
SU4_serv	BOBJ1	41	118.84	After	Interior Girder 4	62.42	0.95	1	1	5.319803
SU4_serv	BOBJ1	41	118.84	After	Interior Girder 5	62.42	0.95	1	1	5.58339
SU4_serv	BOBJ1	41	118.84	After	Interior Girder 6	62.42	0.95	1	1	5.796663
SU4_serv	BOBJ1	42	123.84	Before	Left Exterior Girder	67.42	0.95	1	1	5.688203
SU4_serv	BOBJ1	42	123.84	Before	Interior Girder 1	67.42	0.95	1	1	4.237306
SU4_serv	BOBJ1	42	123.84	Before	Interior Girder 2	67.42	0.95	1	1	3.981394
SU4_serv	BOBJ1	42	123.84	Before	Interior Girder 3	67.42	0.95	1	1	3.329995
SU4_serv	BOBJ1	42	123.84	Before	Interior Girder 4	67.42	0.95	1	1	3.329995
SU4_serv	BOBJ1	42	123.84	Before	Interior Girder 5	67.42	0.95	1	1	3.981394
SU4_serv	BOBJ1	42	123.84	Before	Interior Girder 6	67.42	0.95	1	1	4.237306
SU4_serv	BOBJ1	42	123.84	Before	Right Exterior Girder	67.42	0.95	1	1	5.688203
SU4_serv	BOBJ1	43	123.84	After	Left Exterior Girder	0	0.95	1	1	5.631945
SU4_serv	BOBJ1	43	123.84	After	Interior Girder 1	0	0.95	1	1	4.169306
SU4_serv	BOBJ1	43	123.84	After	Interior Girder 2	0	0.95	1	1	3.960541
SU4_serv	BOBJ1	43	123.84	After	Interior Girder 3	0	0.95	1	1	3.322805
SU4_serv	BOBJ1	43	123.84	After	Interior Girder 4	0	0.95	1	1	3.322805
SU4_serv	BOBJ1	43	123.84	After	Interior Girder 5	0	0.95	1	1	3.960541
SU4_serv	BOBJ1	43	123.84	After	Interior Girder 6	0	0.95	1	1	4.169306
SU4_serv	BOBJ1	43	123.84	After	Right Exterior Girder	0	0.95	1	1	5.631945
SU4_serv	BOBJ1	44	128.84	Before	Interior Girder 1	5	0.95	1	1	5.922077
SU4_serv	BOBJ1	44	128.84	Before	Interior Girder 2	5	0.95	1	1	5.681192
SU4_serv	BOBJ1	44	128.84	Before	Interior Girder 3	5	0.95	1	1	5.388587
SU4_serv	BOBJ1	44	128.84	Before	Interior Girder 4	5	0.95	1	1	5.388587
SU4_serv	BOBJ1	44	128.84	Before	Interior Girder 5	5	0.95	1	1	5.681192
SU4_serv	BOBJ1	44	128.84	Before	Interior Girder 6	5	0.95	1	1	5.922077
SU4_serv	BOBJ1	45	128.84	After	Interior Girder 1	5	0.95	1	1	4.239402
SU4_serv	BOBJ1	45	128.84	After	Interior Girder 2	5	0.95	1	1	4.166412
SU4_serv	BOBJ1	45	128.84	After	Interior Girder 3	5	0.95	1	1	3.912387
SU4_serv	BOBJ1	45	128.84	After	Interior Girder 4	5	0.95	1	1	3.912387
SU4_serv	BOBJ1	45	128.84	After	Interior Girder 5	5	0.95	1	1	4.166412
SU4_serv	BOBJ1	45	128.84	After	Interior Girder 6	5	0.95	1	1	4.239402
SU4_serv	BOBJ1	46	131.34	Before	Left Exterior Girder	7.5	0.95	1	1	8.82766
SU4_serv	BOBJ1	46	131.34	Before	Right Exterior Girder	7.5	0.95	1	1	8.82766
SU4_serv	BOBJ1	47	131.34	After	Left Exterior Girder	7.5	0.95	1	1	4.448569
SU4_serv	BOBJ1	47	131.34	After	Right Exterior Girder	7.5	0.95	1	1	4.448569
SU4_serv	BOBJ1	48	132.265	Before	Left Exterior Girder	8.425	0.95	1	1	4.772114
SU4_serv	BOBJ1	48	132.265	Before	Interior Girder 1	8.425	0.95	1	1	5.018825
SU4_serv	BOBJ1	48	132.265	Before	Interior Girder 2	8.425	0.95	1	1	4.96935
SU4_serv	BOBJ1	48	132.265	Before	Interior Girder 3	8.425	0.95	1	1	4.855185
SU4_serv	BOBJ1	48	132.265	Before	Interior Girder 4	8.425	0.95	1	1	4.855185

TABLE: Bridge Super Rating AASHTORATE18 31 - SteelICompServ-Flx - Approach, Span 7-11										
Request	BridgeObj	BridgeCut	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	Unitless	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
SU4_serv	BOBJ1	48	132.265	Before	Interior Girder 5	8.425	0.95	1	1	4.96935
SU4_serv	BOBJ1	48	132.265	Before	Interior Girder 6	8.425	0.95	1	1	5.018825
SU4_serv	BOBJ1	48	132.265	Before	Right Exterior Girder	8.425	0.95	1	1	4.772114
SU4_serv	BOBJ1	49	132.265	After	Left Exterior Girder	8.425	0.95	1	1	4.671335
SU4_serv	BOBJ1	49	132.265	After	Interior Girder 1	8.425	0.95	1	1	5.105903
SU4_serv	BOBJ1	49	132.265	After	Interior Girder 2	8.425	0.95	1	1	5.019054
SU4_serv	BOBJ1	49	132.265	After	Interior Girder 3	8.425	0.95	1	1	4.874657
SU4_serv	BOBJ1	49	132.265	After	Interior Girder 4	8.425	0.95	1	1	4.874657
SU4_serv	BOBJ1	49	132.265	After	Interior Girder 5	8.425	0.95	1	1	5.019054
SU4_serv	BOBJ1	49	132.265	After	Interior Girder 6	8.425	0.95	1	1	5.105903
SU4_serv	BOBJ1	49	132.265	After	Right Exterior Girder	8.425	0.95	1	1	4.671335
SU4_serv	BOBJ1	50	140.69	Before	Left Exterior Girder	16.85	0.95	1	1	6.477945
SU4_serv	BOBJ1	50	140.69	Before	Interior Girder 1	16.85	0.95	1	1	5.52636
SU4_serv	BOBJ1	50	140.69	Before	Interior Girder 2	16.85	0.95	1	1	5.079614
SU4_serv	BOBJ1	50	140.69	Before	Interior Girder 3	16.85	0.95	1	1	4.944656
SU4_serv	BOBJ1	50	140.69	Before	Interior Girder 4	16.85	0.95	1	1	4.944656
SU4_serv	BOBJ1	50	140.69	Before	Interior Girder 5	16.85	0.95	1	1	5.079614
SU4_serv	BOBJ1	50	140.69	Before	Interior Girder 6	16.85	0.95	1	1	5.52636
SU4_serv	BOBJ1	50	140.69	Before	Right Exterior Girder	16.85	0.95	1	1	6.477945
SU4_serv	BOBJ1	51	140.69	After	Left Exterior Girder	16.85	0.95	1	1	6.628878
SU4_serv	BOBJ1	51	140.69	After	Interior Girder 1	16.85	0.95	1	1	5.445845
SU4_serv	BOBJ1	51	140.69	After	Interior Girder 2	16.85	0.95	1	1	5.080998
SU4_serv	BOBJ1	51	140.69	After	Interior Girder 3	16.85	0.95	1	1	5.01181
SU4_serv	BOBJ1	51	140.69	After	Interior Girder 4	16.85	0.95	1	1	5.01181
SU4_serv	BOBJ1	51	140.69	After	Interior Girder 5	16.85	0.95	1	1	5.080998
SU4_serv	BOBJ1	51	140.69	After	Interior Girder 6	16.85	0.95	1	1	5.445845
SU4_serv	BOBJ1	51	140.69	After	Right Exterior Girder	16.85	0.95	1	1	6.628878
SU4_serv	BOBJ1	52	149.115	Before	Left Exterior Girder	25.275	0.95	1	1	4.201173
SU4_serv	BOBJ1	52	149.115	Before	Interior Girder 1	25.275	0.95	1	1	3.444443
SU4_serv	BOBJ1	52	149.115	Before	Interior Girder 2	25.275	0.95	1	1	3.332093
SU4_serv	BOBJ1	52	149.115	Before	Interior Girder 3	25.275	0.95	1	1	3.242761
SU4_serv	BOBJ1	52	149.115	Before	Interior Girder 4	25.275	0.95	1	1	3.242761
SU4_serv	BOBJ1	52	149.115	Before	Interior Girder 5	25.275	0.95	1	1	3.332093
SU4_serv	BOBJ1	52	149.115	Before	Interior Girder 6	25.275	0.95	1	1	3.444443
SU4_serv	BOBJ1	52	149.115	Before	Right Exterior Girder	25.275	0.95	1	1	4.201173
SU4_serv	BOBJ1	53	149.115	After	Left Exterior Girder	25.275	0.95	1	1	4.246415
SU4_serv	BOBJ1	53	149.115	After	Interior Girder 1	25.275	0.95	1	1	3.417675
SU4_serv	BOBJ1	53	149.115	After	Interior Girder 2	25.275	0.95	1	1	3.329119
SU4_serv	BOBJ1	53	149.115	After	Interior Girder 3	25.275	0.95	1	1	3.265194
SU4_serv	BOBJ1	53	149.115	After	Interior Girder 4	25.275	0.95	1	1	3.265194
SU4_serv	BOBJ1	53	149.115	After	Interior Girder 5	25.275	0.95	1	1	3.329119
SU4_serv	BOBJ1	53	149.115	After	Interior Girder 6	25.275	0.95	1	1	3.417675
SU4_serv	BOBJ1	53	149.115	After	Right Exterior Girder	25.275	0.95	1	1	4.246415
SU4_serv	BOBJ1	54	157.54	Before	Left Exterior Girder	33.7	0.95	1	1	3.433226
SU4_serv	BOBJ1	54	157.54	Before	Interior Girder 1	33.7	0.95	1	1	3.266033
SU4_serv	BOBJ1	54	157.54	Before	Interior Girder 2	33.7	0.95	1	1	3.176883
SU4_serv	BOBJ1	54	157.54	Before	Interior Girder 3	33.7	0.95	1	1	3.2098
SU4_serv	BOBJ1	54	157.54	Before	Interior Girder 4	33.7	0.95	1	1	3.2098
SU4_serv	BOBJ1	54	157.54	Before	Interior Girder 5	33.7	0.95	1	1	3.176883
SU4_serv	BOBJ1	54	157.54	Before	Interior Girder 6	33.7	0.95	1	1	3.266033
SU4_serv	BOBJ1	54	157.54	Before	Right Exterior Girder	33.7	0.95	1	1	3.433226
SU4_serv	BOBJ1	55	157.54	After	Left Exterior Girder	33.7	0.95	1	1	3.433446
SU4_serv	BOBJ1	55	157.54	After	Interior Girder 1	33.7	0.95	1	1	3.266078
SU4_serv	BOBJ1	55	157.54	After	Interior Girder 2	33.7	0.95	1	1	3.176818
SU4_serv	BOBJ1	55	157.54	After	Interior Girder 3	33.7	0.95	1	1	3.209862
SU4_serv	BOBJ1	55	157.54	After	Interior Girder 4	33.7	0.95	1	1	3.209862
SU4_serv	BOBJ1	55	157.54	After	Interior Girder 5	33.7	0.95	1	1	3.176818
SU4_serv	BOBJ1	55	157.54	After	Interior Girder 6	33.7	0.95	1	1	3.266078
SU4_serv	BOBJ1	55	157.54	After	Right Exterior Girder	33.7	0.95	1	1	3.433446
SU4_serv	BOBJ1	56	165.965	Before	Left Exterior Girder	42.125	0.95	1	1	4.243077
SU4_serv	BOBJ1	56	165.965	Before	Interior Girder 1	42.125	0.95	1	1	3.416315
SU4_serv	BOBJ1	56	165.965	Before	Interior Girder 2	42.125	0.95	1	1	3.327838
SU4_serv	BOBJ1	56	165.965	Before	Interior Girder 3	42.125	0.95	1	1	3.263778
SU4_serv	BOBJ1	56	165.965	Before	Interior Girder 4	42.125	0.95	1	1	3.263778
SU4_serv	BOBJ1	56	165.965	Before	Interior Girder 5	42.125	0.95	1	1	3.327838
SU4_serv	BOBJ1	56	165.965	Before	Interior Girder 6	42.125	0.95	1	1	3.416315
SU4_serv	BOBJ1	56	165.965	Before	Right Exterior Girder	42.125	0.95	1	1	4.243077
SU4_serv	BOBJ1	57	165.965	After	Left Exterior Girder	42.125	0.95	1	1	4.198271
SU4_serv	BOBJ1	57	165.965	After	Interior Girder 1	42.125	0.95	1	1	3.442949
SU4_serv	BOBJ1	57	165.965	After	Interior Girder 2	42.125	0.95	1	1	3.330784
SU4_serv	BOBJ1	57	165.965	After	Interior Girder 3	42.125	0.95	1	1	3.241468
SU4_serv	BOBJ1	57	165.965	After	Interior Girder 4	42.125	0.95	1	1	3.241468
SU4_serv	BOBJ1	57	165.965	After	Interior Girder 5	42.125	0.95	1	1	3.330784

TABLE: Bridge Super Rating AASHTORATE18 31 - SteelICompServ-Flx - Approach, Span 7-11										
Request	BridgeObj	BridgeCut	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	Unitless	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
SU4_serv	BOBJ1	57	165.965	After	Interior Girder 6	42.125	0.95	1	1	3.442949
SU4_serv	BOBJ1	57	165.965	After	Right Exterior Girder	42.125	0.95	1	1	4.198271
SU4_serv	BOBJ1	58	174.39	Before	Left Exterior Girder	50.55	0.95	1	1	6.615986
SU4_serv	BOBJ1	58	174.39	Before	Interior Girder 1	50.55	0.95	1	1	5.439966
SU4_serv	BOBJ1	58	174.39	Before	Interior Girder 2	50.55	0.95	1	1	5.076058
SU4_serv	BOBJ1	58	174.39	Before	Interior Girder 3	50.55	0.95	1	1	5.006082
SU4_serv	BOBJ1	58	174.39	Before	Interior Girder 4	50.55	0.95	1	1	5.006082
SU4_serv	BOBJ1	58	174.39	Before	Interior Girder 5	50.55	0.95	1	1	5.076058
SU4_serv	BOBJ1	58	174.39	Before	Interior Girder 6	50.55	0.95	1	1	5.439966
SU4_serv	BOBJ1	58	174.39	Before	Right Exterior Girder	50.55	0.95	1	1	6.615986
SU4_serv	BOBJ1	59	174.39	After	Left Exterior Girder	50.55	0.95	1	1	6.465647
SU4_serv	BOBJ1	59	174.39	After	Interior Girder 1	50.55	0.95	1	1	5.520516
SU4_serv	BOBJ1	59	174.39	After	Interior Girder 2	50.55	0.95	1	1	5.074775
SU4_serv	BOBJ1	59	174.39	After	Interior Girder 3	50.55	0.95	1	1	4.939167
SU4_serv	BOBJ1	59	174.39	After	Interior Girder 4	50.55	0.95	1	1	4.939167
SU4_serv	BOBJ1	59	174.39	After	Interior Girder 5	50.55	0.95	1	1	5.074775
SU4_serv	BOBJ1	59	174.39	After	Interior Girder 6	50.55	0.95	1	1	5.520516
SU4_serv	BOBJ1	59	174.39	After	Right Exterior Girder	50.55	0.95	1	1	6.465647
SU4_serv	BOBJ1	60	182.825	Before	Left Exterior Girder	58.985	0.95	1	1	4.67613
SU4_serv	BOBJ1	60	182.825	Before	Interior Girder 1	58.985	0.95	1	1	5.103845
SU4_serv	BOBJ1	60	182.825	Before	Interior Girder 2	58.985	0.95	1	1	5.016669
SU4_serv	BOBJ1	60	182.825	Before	Interior Girder 3	58.985	0.95	1	1	4.877401
SU4_serv	BOBJ1	60	182.825	Before	Interior Girder 4	58.985	0.95	1	1	4.877401
SU4_serv	BOBJ1	60	182.825	Before	Interior Girder 5	58.985	0.95	1	1	5.016669
SU4_serv	BOBJ1	60	182.825	Before	Interior Girder 6	58.985	0.95	1	1	5.103845
SU4_serv	BOBJ1	60	182.825	Before	Right Exterior Girder	58.985	0.95	1	1	4.67613
SU4_serv	BOBJ1	61	182.825	After	Left Exterior Girder	58.985	0.95	1	1	4.77726
SU4_serv	BOBJ1	61	182.825	After	Interior Girder 1	58.985	0.95	1	1	5.016801
SU4_serv	BOBJ1	61	182.825	After	Interior Girder 2	58.985	0.95	1	1	4.966829
SU4_serv	BOBJ1	61	182.825	After	Interior Girder 3	58.985	0.95	1	1	4.858361
SU4_serv	BOBJ1	61	182.825	After	Interior Girder 4	58.985	0.95	1	1	4.858361
SU4_serv	BOBJ1	61	182.825	After	Interior Girder 5	58.985	0.95	1	1	4.966829
SU4_serv	BOBJ1	61	182.825	After	Interior Girder 6	58.985	0.95	1	1	5.016801
SU4_serv	BOBJ1	61	182.825	After	Right Exterior Girder	58.985	0.95	1	1	4.77726
SU4_serv	BOBJ1	62	183.76	Before	Left Exterior Girder	59.92	0.95	1	1	4.433581
SU4_serv	BOBJ1	62	183.76	Before	Right Exterior Girder	59.92	0.95	1	1	4.433581
SU4_serv	BOBJ1	63	183.76	After	Left Exterior Girder	59.92	0.95	1	1	8.804591
SU4_serv	BOBJ1	63	183.76	After	Right Exterior Girder	59.92	0.95	1	1	8.804591
SU4_serv	BOBJ1	64	186.26	Before	Interior Girder 1	62.42	0.95	1	1	4.234327
SU4_serv	BOBJ1	64	186.26	Before	Interior Girder 2	62.42	0.95	1	1	4.161135
SU4_serv	BOBJ1	64	186.26	Before	Interior Girder 3	62.42	0.95	1	1	3.912786
SU4_serv	BOBJ1	64	186.26	Before	Interior Girder 4	62.42	0.95	1	1	3.912786
SU4_serv	BOBJ1	64	186.26	Before	Interior Girder 5	62.42	0.95	1	1	4.161135
SU4_serv	BOBJ1	64	186.26	Before	Interior Girder 6	62.42	0.95	1	1	4.234327
SU4_serv	BOBJ1	65	186.26	After	Interior Girder 1	62.42	0.95	1	1	5.916389
SU4_serv	BOBJ1	65	186.26	After	Interior Girder 2	62.42	0.95	1	1	5.675017
SU4_serv	BOBJ1	65	186.26	After	Interior Girder 3	62.42	0.95	1	1	5.390246
SU4_serv	BOBJ1	65	186.26	After	Interior Girder 4	62.42	0.95	1	1	5.390246
SU4_serv	BOBJ1	65	186.26	After	Interior Girder 5	62.42	0.95	1	1	5.675017
SU4_serv	BOBJ1	65	186.26	After	Interior Girder 6	62.42	0.95	1	1	5.916389
SU4_serv	BOBJ1	66	191.26	Before	Left Exterior Girder	67.42	0.95	1	1	5.63493
SU4_serv	BOBJ1	66	191.26	Before	Interior Girder 1	67.42	0.95	1	1	4.16305
SU4_serv	BOBJ1	66	191.26	Before	Interior Girder 2	67.42	0.95	1	1	3.952592
SU4_serv	BOBJ1	66	191.26	Before	Interior Girder 3	67.42	0.95	1	1	3.322284
SU4_serv	BOBJ1	66	191.26	Before	Interior Girder 4	67.42	0.95	1	1	3.322284
SU4_serv	BOBJ1	66	191.26	Before	Interior Girder 5	67.42	0.95	1	1	3.952592
SU4_serv	BOBJ1	66	191.26	Before	Interior Girder 6	67.42	0.95	1	1	4.16305
SU4_serv	BOBJ1	66	191.26	Before	Right Exterior Girder	67.42	0.95	1	1	5.63493
SU4_serv	BOBJ1	67	191.26	After	Left Exterior Girder	0	0.95	1	1	5.679807
SU4_serv	BOBJ1	67	191.26	After	Interior Girder 1	0	0.95	1	1	4.240066
SU4_serv	BOBJ1	67	191.26	After	Interior Girder 2	0	0.95	1	1	3.986692
SU4_serv	BOBJ1	67	191.26	After	Interior Girder 3	0	0.95	1	1	3.328681
SU4_serv	BOBJ1	67	191.26	After	Interior Girder 4	0	0.95	1	1	3.328681
SU4_serv	BOBJ1	67	191.26	After	Interior Girder 5	0	0.95	1	1	3.986692
SU4_serv	BOBJ1	67	191.26	After	Interior Girder 6	0	0.95	1	1	4.240066
SU4_serv	BOBJ1	67	191.26	After	Right Exterior Girder	0	0.95	1	1	5.679807
SU4_serv	BOBJ1	68	196.26	Before	Interior Girder 1	5	0.95	1	1	5.799146
SU4_serv	BOBJ1	68	196.26	Before	Interior Girder 2	5	0.95	1	1	5.587087
SU4_serv	BOBJ1	68	196.26	Before	Interior Girder 3	5	0.95	1	1	5.316212
SU4_serv	BOBJ1	68	196.26	Before	Interior Girder 4	5	0.95	1	1	5.316212
SU4_serv	BOBJ1	68	196.26	Before	Interior Girder 5	5	0.95	1	1	5.587087
SU4_serv	BOBJ1	68	196.26	Before	Interior Girder 6	5	0.95	1	1	5.799146
SU4_serv	BOBJ1	69	196.26	After	Interior Girder 1	5	0.95	1	1	4.146033

TABLE: Bridge Super Rating AASHTORATE18 31 - SteelICompServ-Flx - Approach, Span 7-11										
Request	BridgeObj	BridgeCut	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	Unitless	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
SU4_serv	BOBJ1	69	196.26	After	Interior Girder 2	5	0.95	1	1	4.095069
SU4_serv	BOBJ1	69	196.26	After	Interior Girder 3	5	0.95	1	1	3.848767
SU4_serv	BOBJ1	69	196.26	After	Interior Girder 4	5	0.95	1	1	3.848767
SU4_serv	BOBJ1	69	196.26	After	Interior Girder 5	5	0.95	1	1	4.095069
SU4_serv	BOBJ1	69	196.26	After	Interior Girder 6	5	0.95	1	1	4.146033
SU4_serv	BOBJ1	70	198.76	Before	Left Exterior Girder	7.5	0.95	1	1	8.590829
SU4_serv	BOBJ1	70	198.76	Before	Right Exterior Girder	7.5	0.95	1	1	8.590829
SU4_serv	BOBJ1	71	198.76	After	Left Exterior Girder	7.5	0.95	1	1	4.327267
SU4_serv	BOBJ1	71	198.76	After	Right Exterior Girder	7.5	0.95	1	1	4.327267
SU4_serv	BOBJ1	72	199.685	Before	Left Exterior Girder	8.425	0.95	1	1	4.644664
SU4_serv	BOBJ1	72	199.685	Before	Interior Girder 1	8.425	0.95	1	1	4.905354
SU4_serv	BOBJ1	72	199.685	Before	Interior Girder 2	8.425	0.95	1	1	4.885829
SU4_serv	BOBJ1	72	199.685	Before	Interior Girder 3	8.425	0.95	1	1	4.772498
SU4_serv	BOBJ1	72	199.685	Before	Interior Girder 4	8.425	0.95	1	1	4.772498
SU4_serv	BOBJ1	72	199.685	Before	Interior Girder 5	8.425	0.95	1	1	4.885829
SU4_serv	BOBJ1	72	199.685	Before	Interior Girder 6	8.425	0.95	1	1	4.905354
SU4_serv	BOBJ1	72	199.685	Before	Right Exterior Girder	8.425	0.95	1	1	4.644664
SU4_serv	BOBJ1	73	199.685	After	Left Exterior Girder	8.425	0.95	1	1	4.546714
SU4_serv	BOBJ1	73	199.685	After	Interior Girder 1	8.425	0.95	1	1	4.991361
SU4_serv	BOBJ1	73	199.685	After	Interior Girder 2	8.425	0.95	1	1	4.933088
SU4_serv	BOBJ1	73	199.685	After	Interior Girder 3	8.425	0.95	1	1	4.79009
SU4_serv	BOBJ1	73	199.685	After	Interior Girder 4	8.425	0.95	1	1	4.79009
SU4_serv	BOBJ1	73	199.685	After	Interior Girder 5	8.425	0.95	1	1	4.933088
SU4_serv	BOBJ1	73	199.685	After	Interior Girder 6	8.425	0.95	1	1	4.991361
SU4_serv	BOBJ1	73	199.685	After	Right Exterior Girder	8.425	0.95	1	1	4.546714
SU4_serv	BOBJ1	74	208.11	Before	Left Exterior Girder	16.85	0.95	1	1	6.439615
SU4_serv	BOBJ1	74	208.11	Before	Interior Girder 1	16.85	0.95	1	1	5.521683
SU4_serv	BOBJ1	74	208.11	Before	Interior Girder 2	16.85	0.95	1	1	5.073801
SU4_serv	BOBJ1	74	208.11	Before	Interior Girder 3	16.85	0.95	1	1	4.934229
SU4_serv	BOBJ1	74	208.11	Before	Interior Girder 4	16.85	0.95	1	1	4.934229
SU4_serv	BOBJ1	74	208.11	Before	Interior Girder 5	16.85	0.95	1	1	5.073801
SU4_serv	BOBJ1	74	208.11	Before	Interior Girder 6	16.85	0.95	1	1	5.521683
SU4_serv	BOBJ1	74	208.11	Before	Right Exterior Girder	16.85	0.95	1	1	6.439615
SU4_serv	BOBJ1	75	208.11	After	Left Exterior Girder	16.85	0.95	1	1	6.586222
SU4_serv	BOBJ1	75	208.11	After	Interior Girder 1	16.85	0.95	1	1	5.440599
SU4_serv	BOBJ1	75	208.11	After	Interior Girder 2	16.85	0.95	1	1	5.076053
SU4_serv	BOBJ1	75	208.11	After	Interior Girder 3	16.85	0.95	1	1	5.00222
SU4_serv	BOBJ1	75	208.11	After	Interior Girder 4	16.85	0.95	1	1	5.00222
SU4_serv	BOBJ1	75	208.11	After	Interior Girder 5	16.85	0.95	1	1	5.076053
SU4_serv	BOBJ1	75	208.11	After	Interior Girder 6	16.85	0.95	1	1	5.440599
SU4_serv	BOBJ1	75	208.11	After	Right Exterior Girder	16.85	0.95	1	1	6.586222
SU4_serv	BOBJ1	76	216.535	Before	Left Exterior Girder	25.275	0.95	1	1	4.22143
SU4_serv	BOBJ1	76	216.535	Before	Interior Girder 1	25.275	0.95	1	1	3.463868
SU4_serv	BOBJ1	76	216.535	Before	Interior Girder 2	25.275	0.95	1	1	3.343474
SU4_serv	BOBJ1	76	216.535	Before	Interior Girder 3	25.275	0.95	1	1	3.246807
SU4_serv	BOBJ1	76	216.535	Before	Interior Girder 4	25.275	0.95	1	1	3.246807
SU4_serv	BOBJ1	76	216.535	Before	Interior Girder 5	25.275	0.95	1	1	3.343474
SU4_serv	BOBJ1	76	216.535	Before	Interior Girder 6	25.275	0.95	1	1	3.463868
SU4_serv	BOBJ1	76	216.535	Before	Right Exterior Girder	25.275	0.95	1	1	4.22143
SU4_serv	BOBJ1	77	216.535	After	Left Exterior Girder	25.275	0.95	1	1	4.264568
SU4_serv	BOBJ1	77	216.535	After	Interior Girder 1	25.275	0.95	1	1	3.436203
SU4_serv	BOBJ1	77	216.535	After	Interior Girder 2	25.275	0.95	1	1	3.341463
SU4_serv	BOBJ1	77	216.535	After	Interior Girder 3	25.275	0.95	1	1	3.269821
SU4_serv	BOBJ1	77	216.535	After	Interior Girder 4	25.275	0.95	1	1	3.269821
SU4_serv	BOBJ1	77	216.535	After	Interior Girder 5	25.275	0.95	1	1	3.341463
SU4_serv	BOBJ1	77	216.535	After	Interior Girder 6	25.275	0.95	1	1	3.436203
SU4_serv	BOBJ1	77	216.535	After	Right Exterior Girder	25.275	0.95	1	1	4.264568
SU4_serv	BOBJ1	78	224.96	Before	Left Exterior Girder	33.7	0.95	1	1	3.481088
SU4_serv	BOBJ1	78	224.96	Before	Interior Girder 1	33.7	0.95	1	1	3.305469
SU4_serv	BOBJ1	78	224.96	Before	Interior Girder 2	33.7	0.95	1	1	3.200332
SU4_serv	BOBJ1	78	224.96	Before	Interior Girder 3	33.7	0.95	1	1	3.221715
SU4_serv	BOBJ1	78	224.96	Before	Interior Girder 4	33.7	0.95	1	1	3.221715
SU4_serv	BOBJ1	78	224.96	Before	Interior Girder 5	33.7	0.95	1	1	3.200332
SU4_serv	BOBJ1	78	224.96	Before	Interior Girder 6	33.7	0.95	1	1	3.305469
SU4_serv	BOBJ1	78	224.96	Before	Right Exterior Girder	33.7	0.95	1	1	3.481088
SU4_serv	BOBJ1	79	224.96	After	Left Exterior Girder	33.7	0.95	1	1	3.47984
SU4_serv	BOBJ1	79	224.96	After	Interior Girder 1	33.7	0.95	1	1	3.305405
SU4_serv	BOBJ1	79	224.96	After	Interior Girder 2	33.7	0.95	1	1	3.202575
SU4_serv	BOBJ1	79	224.96	After	Interior Girder 3	33.7	0.95	1	1	3.222406
SU4_serv	BOBJ1	79	224.96	After	Interior Girder 4	33.7	0.95	1	1	3.222406
SU4_serv	BOBJ1	79	224.96	After	Interior Girder 5	33.7	0.95	1	1	3.202575
SU4_serv	BOBJ1	79	224.96	After	Interior Girder 6	33.7	0.95	1	1	3.305405
SU4_serv	BOBJ1	79	224.96	After	Right Exterior Girder	33.7	0.95	1	1	3.47984

TABLE: Bridge Super Rating AASHTORATE18 31 - SteelICompServ-Flx - Approach, Span 7-11										
Request	BridgeObj	BridgeCut	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	Unitless	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
SU4_serv	BOBJ1	80	233.385	Before	Left Exterior Girder	42.125	0.95	1	1	4.364787
SU4_serv	BOBJ1	80	233.385	Before	Interior Girder 1	42.125	0.95	1	1	3.470904
SU4_serv	BOBJ1	80	233.385	Before	Interior Girder 2	42.125	0.95	1	1	3.363568
SU4_serv	BOBJ1	80	233.385	Before	Interior Girder 3	42.125	0.95	1	1	3.284897
SU4_serv	BOBJ1	80	233.385	Before	Interior Girder 4	42.125	0.95	1	1	3.284897
SU4_serv	BOBJ1	80	233.385	Before	Interior Girder 5	42.125	0.95	1	1	3.363568
SU4_serv	BOBJ1	80	233.385	Before	Interior Girder 6	42.125	0.95	1	1	3.470904
SU4_serv	BOBJ1	80	233.385	Before	Right Exterior Girder	42.125	0.95	1	1	4.364787
SU4_serv	BOBJ1	81	233.385	After	Left Exterior Girder	42.125	0.95	1	1	4.311797
SU4_serv	BOBJ1	81	233.385	After	Interior Girder 1	42.125	0.95	1	1	3.501465
SU4_serv	BOBJ1	81	233.385	After	Interior Girder 2	42.125	0.95	1	1	3.366944
SU4_serv	BOBJ1	81	233.385	After	Interior Girder 3	42.125	0.95	1	1	3.260375
SU4_serv	BOBJ1	81	233.385	After	Interior Girder 4	42.125	0.95	1	1	3.260375
SU4_serv	BOBJ1	81	233.385	After	Interior Girder 5	42.125	0.95	1	1	3.366944
SU4_serv	BOBJ1	81	233.385	After	Interior Girder 6	42.125	0.95	1	1	3.501465
SU4_serv	BOBJ1	81	233.385	After	Right Exterior Girder	42.125	0.95	1	1	4.311797
SU4_serv	BOBJ1	82	241.81	Before	Left Exterior Girder	50.55	0.95	1	1	6.932511
SU4_serv	BOBJ1	82	241.81	Before	Interior Girder 1	50.55	0.95	1	1	5.616347
SU4_serv	BOBJ1	82	241.81	Before	Interior Girder 2	50.55	0.95	1	1	5.185811
SU4_serv	BOBJ1	82	241.81	Before	Interior Girder 3	50.55	0.95	1	1	5.119665
SU4_serv	BOBJ1	82	241.81	Before	Interior Girder 4	50.55	0.95	1	1	5.119665
SU4_serv	BOBJ1	82	241.81	Before	Interior Girder 5	50.55	0.95	1	1	5.185811
SU4_serv	BOBJ1	82	241.81	Before	Interior Girder 6	50.55	0.95	1	1	5.616347
SU4_serv	BOBJ1	82	241.81	Before	Right Exterior Girder	50.55	0.95	1	1	6.932511
SU4_serv	BOBJ1	83	241.81	After	Left Exterior Girder	50.55	0.95	1	1	6.784567
SU4_serv	BOBJ1	83	241.81	After	Interior Girder 1	50.55	0.95	1	1	5.707737
SU4_serv	BOBJ1	83	241.81	After	Interior Girder 2	50.55	0.95	1	1	5.214228
SU4_serv	BOBJ1	83	241.81	After	Interior Girder 3	50.55	0.95	1	1	5.103925
SU4_serv	BOBJ1	83	241.81	After	Interior Girder 4	50.55	0.95	1	1	5.103925
SU4_serv	BOBJ1	83	241.81	After	Interior Girder 5	50.55	0.95	1	1	5.214228
SU4_serv	BOBJ1	83	241.81	After	Interior Girder 6	50.55	0.95	1	1	5.707737
SU4_serv	BOBJ1	83	241.81	After	Right Exterior Girder	50.55	0.95	1	1	6.784567
SU4_serv	BOBJ1	84	245.18	Before	Left Exterior Girder	53.92	0.95	1	1	6.792747
SU4_serv	BOBJ1	84	245.18	Before	Interior Girder 1	53.92	0.95	1	1	6.931888
SU4_serv	BOBJ1	84	245.18	Before	Interior Girder 2	53.92	0.95	1	1	6.467391
SU4_serv	BOBJ1	84	245.18	Before	Interior Girder 3	53.92	0.95	1	1	6.342582
SU4_serv	BOBJ1	84	245.18	Before	Interior Girder 4	53.92	0.95	1	1	6.342582
SU4_serv	BOBJ1	84	245.18	Before	Interior Girder 5	53.92	0.95	1	1	6.467391
SU4_serv	BOBJ1	84	245.18	Before	Interior Girder 6	53.92	0.95	1	1	6.931888
SU4_serv	BOBJ1	84	245.18	Before	Right Exterior Girder	53.92	0.95	1	1	6.792747
SU4_serv	BOBJ1	85	245.18	After	Left Exterior Girder	53.92	0.95	1	1	7.902893
SU4_serv	BOBJ1	85	245.18	After	Interior Girder 1	53.92	0.95	1	1	7.417452
SU4_serv	BOBJ1	85	245.18	After	Interior Girder 2	53.92	0.95	1	1	6.804813
SU4_serv	BOBJ1	85	245.18	After	Interior Girder 3	53.92	0.95	1	1	6.608434
SU4_serv	BOBJ1	85	245.18	After	Interior Girder 4	53.92	0.95	1	1	6.608434
SU4_serv	BOBJ1	85	245.18	After	Interior Girder 5	53.92	0.95	1	1	6.804813
SU4_serv	BOBJ1	85	245.18	After	Interior Girder 6	53.92	0.95	1	1	7.417452
SU4_serv	BOBJ1	85	245.18	After	Right Exterior Girder	53.92	0.95	1	1	7.902893
SU4_serv	BOBJ1	86	250.245	Before	Left Exterior Girder	58.985	0.95	1	1	5.999282
SU4_serv	BOBJ1	86	250.245	Before	Interior Girder 1	58.985	0.95	1	1	5.978526
SU4_serv	BOBJ1	86	250.245	Before	Interior Girder 2	58.985	0.95	1	1	5.700819
SU4_serv	BOBJ1	86	250.245	Before	Interior Girder 3	58.985	0.95	1	1	5.52715
SU4_serv	BOBJ1	86	250.245	Before	Interior Girder 4	58.985	0.95	1	1	5.52715
SU4_serv	BOBJ1	86	250.245	Before	Interior Girder 5	58.985	0.95	1	1	5.700819
SU4_serv	BOBJ1	86	250.245	Before	Interior Girder 6	58.985	0.95	1	1	5.978526
SU4_serv	BOBJ1	86	250.245	Before	Right Exterior Girder	58.985	0.95	1	1	5.999282
SU4_serv	BOBJ1	87	250.245	After	Left Exterior Girder	58.985	0.95	1	1	6.049576
SU4_serv	BOBJ1	87	250.245	After	Interior Girder 1	58.985	0.95	1	1	5.921066
SU4_serv	BOBJ1	87	250.245	After	Interior Girder 2	58.985	0.95	1	1	5.644615
SU4_serv	BOBJ1	87	250.245	After	Interior Girder 3	58.985	0.95	1	1	5.490007
SU4_serv	BOBJ1	87	250.245	After	Interior Girder 4	58.985	0.95	1	1	5.490007
SU4_serv	BOBJ1	87	250.245	After	Interior Girder 5	58.985	0.95	1	1	5.644615
SU4_serv	BOBJ1	87	250.245	After	Interior Girder 6	58.985	0.95	1	1	5.921066
SU4_serv	BOBJ1	87	250.245	After	Right Exterior Girder	58.985	0.95	1	1	6.049576
SU4_serv	BOBJ1	88	251.68	Before	Left Exterior Girder	60.42	0.95	1	1	5.526971
SU4_serv	BOBJ1	88	251.68	Before	Right Exterior Girder	60.42	0.95	1	1	5.526971
SU4_serv	BOBJ1	89	251.68	After	Left Exterior Girder	60.42	0.95	1	1	9.5927
SU4_serv	BOBJ1	89	251.68	After	Right Exterior Girder	60.42	0.95	1	1	9.5927
SU4_serv	BOBJ1	90	254.18	Before	Interior Girder 1	62.92	0.95	1	1	4.861343
SU4_serv	BOBJ1	90	254.18	Before	Interior Girder 2	62.92	0.95	1	1	4.626803
SU4_serv	BOBJ1	90	254.18	Before	Interior Girder 3	62.92	0.95	1	1	4.234582
SU4_serv	BOBJ1	90	254.18	Before	Interior Girder 4	62.92	0.95	1	1	4.234582
SU4_serv	BOBJ1	90	254.18	Before	Interior Girder 5	62.92	0.95	1	1	4.626803

TABLE: Bridge Super Rating AASHTORATE18 31 - SteelICompServ-Flx - Approach, Span 7-11										
Request	BridgeObj	BridgeCut	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	Unitless	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
SU4_serv	BOBJ1	90	254.18	Before	Interior Girder 6	62.92	0.95	1	1	4.861343
SU4_serv	BOBJ1	91	254.18	After	Interior Girder 1	62.92	0.95	1	1	5.938506
SU4_serv	BOBJ1	91	254.18	After	Interior Girder 2	62.92	0.95	1	1	5.546552
SU4_serv	BOBJ1	91	254.18	After	Interior Girder 3	62.92	0.95	1	1	5.113183
SU4_serv	BOBJ1	91	254.18	After	Interior Girder 4	62.92	0.95	1	1	5.113183
SU4_serv	BOBJ1	91	254.18	After	Interior Girder 5	62.92	0.95	1	1	5.546552
SU4_serv	BOBJ1	91	254.18	After	Interior Girder 6	62.92	0.95	1	1	5.938506
SU4_serv	BOBJ1	92	258.68	Before	Left Exterior Girder	67.42	0.95	1	1	5.500088
SU4_serv	BOBJ1	92	258.68	Before	Interior Girder 1	67.42	0.95	1	1	3.794033
SU4_serv	BOBJ1	92	258.68	Before	Interior Girder 2	67.42	0.95	1	1	3.590846
SU4_serv	BOBJ1	92	258.68	Before	Interior Girder 3	67.42	0.95	1	1	3.04605
SU4_serv	BOBJ1	92	258.68	Before	Interior Girder 4	67.42	0.95	1	1	3.04605
SU4_serv	BOBJ1	92	258.68	Before	Interior Girder 5	67.42	0.95	1	1	3.590846
SU4_serv	BOBJ1	92	258.68	Before	Interior Girder 6	67.42	0.95	1	1	3.794033
SU4_serv	BOBJ1	92	258.68	Before	Right Exterior Girder	67.42	0.95	1	1	5.500088
SU4_serv	BOBJ1	93	258.68	After	Left Exterior Girder	0	0.95	1	1	5.621656
SU4_serv	BOBJ1	93	258.68	After	Interior Girder 1	0	0.95	1	1	4.025141
SU4_serv	BOBJ1	93	258.68	After	Interior Girder 2	0	0.95	1	1	3.733325
SU4_serv	BOBJ1	93	258.68	After	Interior Girder 3	0	0.95	1	1	3.097778
SU4_serv	BOBJ1	93	258.68	After	Interior Girder 4	0	0.95	1	1	3.097778
SU4_serv	BOBJ1	93	258.68	After	Interior Girder 5	0	0.95	1	1	3.733325
SU4_serv	BOBJ1	93	258.68	After	Interior Girder 6	0	0.95	1	1	4.025141
SU4_serv	BOBJ1	93	258.68	After	Right Exterior Girder	0	0.95	1	1	5.621656
SU4_serv	BOBJ1	94	263.18	Before	Interior Girder 1	4.5	0.95	1	1	5.203898
SU4_serv	BOBJ1	94	263.18	Before	Interior Girder 2	4.5	0.95	1	1	5.005543
SU4_serv	BOBJ1	94	263.18	Before	Interior Girder 3	4.5	0.95	1	1	4.746853
SU4_serv	BOBJ1	94	263.18	Before	Interior Girder 4	4.5	0.95	1	1	4.746853
SU4_serv	BOBJ1	94	263.18	Before	Interior Girder 5	4.5	0.95	1	1	5.005543
SU4_serv	BOBJ1	94	263.18	Before	Interior Girder 6	4.5	0.95	1	1	5.203898
SU4_serv	BOBJ1	95	263.18	After	Interior Girder 1	4.5	0.95	1	1	4.238867
SU4_serv	BOBJ1	95	263.18	After	Interior Girder 2	4.5	0.95	1	1	4.168082
SU4_serv	BOBJ1	95	263.18	After	Interior Girder 3	4.5	0.95	1	1	3.918791
SU4_serv	BOBJ1	95	263.18	After	Interior Girder 4	4.5	0.95	1	1	3.918791
SU4_serv	BOBJ1	95	263.18	After	Interior Girder 5	4.5	0.95	1	1	4.168082
SU4_serv	BOBJ1	95	263.18	After	Interior Girder 6	4.5	0.95	1	1	4.238867
SU4_serv	BOBJ1	96	265.68	Before	Left Exterior Girder	7	0.95	1	1	7.962764
SU4_serv	BOBJ1	96	265.68	Before	Right Exterior Girder	7	0.95	1	1	7.962764
SU4_serv	BOBJ1	97	265.68	After	Left Exterior Girder	7	0.95	1	1	4.61113
SU4_serv	BOBJ1	97	265.68	After	Right Exterior Girder	7	0.95	1	1	4.61113
SU4_serv	BOBJ1	98	268.08	Before	Left Exterior Girder	9.4	0.95	1	1	5.380636
SU4_serv	BOBJ1	98	268.08	Before	Interior Girder 1	9.4	0.95	1	1	5.368124
SU4_serv	BOBJ1	98	268.08	Before	Interior Girder 2	9.4	0.95	1	1	5.318632
SU4_serv	BOBJ1	98	268.08	Before	Interior Girder 3	9.4	0.95	1	1	5.236679
SU4_serv	BOBJ1	98	268.08	Before	Interior Girder 4	9.4	0.95	1	1	5.236679
SU4_serv	BOBJ1	98	268.08	Before	Interior Girder 5	9.4	0.95	1	1	5.318632
SU4_serv	BOBJ1	98	268.08	Before	Interior Girder 6	9.4	0.95	1	1	5.368124
SU4_serv	BOBJ1	98	268.08	Before	Right Exterior Girder	9.4	0.95	1	1	5.380636
SU4_serv	BOBJ1	99	268.08	After	Left Exterior Girder	9.4	0.95	1	1	5.281792
SU4_serv	BOBJ1	99	268.08	After	Interior Girder 1	9.4	0.95	1	1	5.451794
SU4_serv	BOBJ1	99	268.08	After	Interior Girder 2	9.4	0.95	1	1	5.379379
SU4_serv	BOBJ1	99	268.08	After	Interior Girder 3	9.4	0.95	1	1	5.259953
SU4_serv	BOBJ1	99	268.08	After	Interior Girder 4	9.4	0.95	1	1	5.259953
SU4_serv	BOBJ1	99	268.08	After	Interior Girder 5	9.4	0.95	1	1	5.379379
SU4_serv	BOBJ1	99	268.08	After	Interior Girder 6	9.4	0.95	1	1	5.451794
SU4_serv	BOBJ1	99	268.08	After	Right Exterior Girder	9.4	0.95	1	1	5.281792
SU4_serv	BOBJ1	100	277.48	Before	Left Exterior Girder	18.8	0.95	1	1	5.6032
SU4_serv	BOBJ1	100	277.48	Before	Interior Girder 1	18.8	0.95	1	1	4.865915
SU4_serv	BOBJ1	100	277.48	Before	Interior Girder 2	18.8	0.95	1	1	4.469417
SU4_serv	BOBJ1	100	277.48	Before	Interior Girder 3	18.8	0.95	1	1	4.356311
SU4_serv	BOBJ1	100	277.48	Before	Interior Girder 4	18.8	0.95	1	1	4.356311
SU4_serv	BOBJ1	100	277.48	Before	Interior Girder 5	18.8	0.95	1	1	4.469417
SU4_serv	BOBJ1	100	277.48	Before	Interior Girder 6	18.8	0.95	1	1	4.865915
SU4_serv	BOBJ1	100	277.48	Before	Right Exterior Girder	18.8	0.95	1	1	5.6032
SU4_serv	BOBJ1	101	277.48	After	Left Exterior Girder	18.8	0.95	1	1	5.70894
SU4_serv	BOBJ1	101	277.48	After	Interior Girder 1	18.8	0.95	1	1	4.792132
SU4_serv	BOBJ1	101	277.48	After	Interior Girder 2	18.8	0.95	1	1	4.477502
SU4_serv	BOBJ1	101	277.48	After	Interior Girder 3	18.8	0.95	1	1	4.40701
SU4_serv	BOBJ1	101	277.48	After	Interior Girder 4	18.8	0.95	1	1	4.40701
SU4_serv	BOBJ1	101	277.48	After	Interior Girder 5	18.8	0.95	1	1	4.477502
SU4_serv	BOBJ1	101	277.48	After	Interior Girder 6	18.8	0.95	1	1	4.792132
SU4_serv	BOBJ1	101	277.48	After	Right Exterior Girder	18.8	0.95	1	1	5.70894
SU4_serv	BOBJ1	102	286.88	Before	Left Exterior Girder	28.2	0.95	1	1	4.073583
SU4_serv	BOBJ1	102	286.88	Before	Interior Girder 1	28.2	0.95	1	1	3.192563

TABLE: Bridge Super Rating AASHTORATE18 31 - SteelICompServ-Flx - Approach, Span 7-11										
Request	BridgeObj	BridgeCut	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	Unitless	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
SU4_serv	BOBJ1	102	286.88	Before	Interior Girder 2	28.2	0.95	1	1	3.068373
SU4_serv	BOBJ1	102	286.88	Before	Interior Girder 3	28.2	0.95	1	1	2.964855
SU4_serv	BOBJ1	102	286.88	Before	Interior Girder 4	28.2	0.95	1	1	2.964855
SU4_serv	BOBJ1	102	286.88	Before	Interior Girder 5	28.2	0.95	1	1	3.068373
SU4_serv	BOBJ1	102	286.88	Before	Interior Girder 6	28.2	0.95	1	1	3.192563
SU4_serv	BOBJ1	102	286.88	Before	Right Exterior Girder	28.2	0.95	1	1	4.073583
SU4_serv	BOBJ1	103	286.88	After	Left Exterior Girder	28.2	0.95	1	1	4.085573
SU4_serv	BOBJ1	103	286.88	After	Interior Girder 1	28.2	0.95	1	1	3.182039
SU4_serv	BOBJ1	103	286.88	After	Interior Girder 2	28.2	0.95	1	1	3.07208
SU4_serv	BOBJ1	103	286.88	After	Interior Girder 3	28.2	0.95	1	1	2.976096
SU4_serv	BOBJ1	103	286.88	After	Interior Girder 4	28.2	0.95	1	1	2.976096
SU4_serv	BOBJ1	103	286.88	After	Interior Girder 5	28.2	0.95	1	1	3.07208
SU4_serv	BOBJ1	103	286.88	After	Interior Girder 6	28.2	0.95	1	1	3.182039
SU4_serv	BOBJ1	103	286.88	After	Right Exterior Girder	28.2	0.95	1	1	4.085573
SU4_serv	BOBJ1	104	296.28	Before	Left Exterior Girder	37.6	0.95	1	1	3.774191
SU4_serv	BOBJ1	104	296.28	Before	Interior Girder 1	37.6	0.95	1	1	3.388899
SU4_serv	BOBJ1	104	296.28	Before	Interior Girder 2	37.6	0.95	1	1	3.221062
SU4_serv	BOBJ1	104	296.28	Before	Interior Girder 3	37.6	0.95	1	1	3.191664
SU4_serv	BOBJ1	104	296.28	Before	Interior Girder 4	37.6	0.95	1	1	3.191664
SU4_serv	BOBJ1	104	296.28	Before	Interior Girder 5	37.6	0.95	1	1	3.221062
SU4_serv	BOBJ1	104	296.28	Before	Interior Girder 6	37.6	0.95	1	1	3.388899
SU4_serv	BOBJ1	104	296.28	Before	Right Exterior Girder	37.6	0.95	1	1	3.774191
SU4_serv	BOBJ1	105	296.28	After	Left Exterior Girder	37.6	0.95	1	1	3.731615
SU4_serv	BOBJ1	105	296.28	After	Interior Girder 1	37.6	0.95	1	1	3.420865
SU4_serv	BOBJ1	105	296.28	After	Interior Girder 2	37.6	0.95	1	1	3.215219
SU4_serv	BOBJ1	105	296.28	After	Interior Girder 3	37.6	0.95	1	1	3.16981
SU4_serv	BOBJ1	105	296.28	After	Interior Girder 4	37.6	0.95	1	1	3.16981
SU4_serv	BOBJ1	105	296.28	After	Interior Girder 5	37.6	0.95	1	1	3.215219
SU4_serv	BOBJ1	105	296.28	After	Interior Girder 6	37.6	0.95	1	1	3.420865
SU4_serv	BOBJ1	105	296.28	After	Right Exterior Girder	37.6	0.95	1	1	3.731615
SU4_serv	BOBJ1	106	305.69	Before	Left Exterior Girder	47.01	0.95	1	1	6.691565
SU4_serv	BOBJ1	106	305.69	Before	Interior Girder 1	47.01	0.95	1	1	4.692467
SU4_serv	BOBJ1	106	305.69	Before	Interior Girder 2	47.01	0.95	1	1	4.480261
SU4_serv	BOBJ1	106	305.69	Before	Interior Girder 3	47.01	0.95	1	1	4.200485
SU4_serv	BOBJ1	106	305.69	Before	Interior Girder 4	47.01	0.95	1	1	4.200485
SU4_serv	BOBJ1	106	305.69	Before	Interior Girder 5	47.01	0.95	1	1	4.480261
SU4_serv	BOBJ1	106	305.69	Before	Interior Girder 6	47.01	0.95	1	1	4.692467
SU4_serv	BOBJ1	106	305.69	Before	Right Exterior Girder	47.01	0.95	1	1	6.691565
SU4_serv	BOBJ1	107	305.69	After	Left Exterior Girder	47.01	0.95	1	1	6.689192
SU4_serv	BOBJ1	107	305.69	After	Interior Girder 1	47.01	0.95	1	1	4.699295
SU4_serv	BOBJ1	107	305.69	After	Interior Girder 2	47.01	0.95	1	1	4.39665
SU4_serv	BOBJ1	107	305.69	After	Interior Girder 3	47.01	0.95	1	1	4.05137
SU4_serv	BOBJ1	107	305.69	After	Interior Girder 4	47.01	0.95	1	1	4.05137
SU4_serv	BOBJ1	107	305.69	After	Interior Girder 5	47.01	0.95	1	1	4.39665
SU4_serv	BOBJ1	107	305.69	After	Interior Girder 6	47.01	0.95	1	1	4.699295
SU4_serv	BOBJ1	107	305.69	After	Right Exterior Girder	47.01	0.95	1	1	6.689192
SU4_serv	BOBJ1	108	315.1	Before	Left Exterior Girder	56.42	0.95	1	1	367.031234
SU4_serv	BOBJ1	108	315.1	Before	Interior Girder 1	56.42	0.95	1	1	450.750755
SU4_serv	BOBJ1	108	315.1	Before	Interior Girder 2	56.42	0.95	1	1	227.710986
SU4_serv	BOBJ1	108	315.1	Before	Interior Girder 3	56.42	0.95	1	1	168.133904
SU4_serv	BOBJ1	108	315.1	Before	Interior Girder 4	56.42	0.95	1	1	168.133904
SU4_serv	BOBJ1	108	315.1	Before	Interior Girder 5	56.42	0.95	1	1	227.710986
SU4_serv	BOBJ1	108	315.1	Before	Interior Girder 6	56.42	0.95	1	1	450.750754
SU4_serv	BOBJ1	108	315.1	Before	Right Exterior Girder	56.42	0.95	1	1	367.031235
SU5_serv	BOBJ1	1	0	After	Left Exterior Girder	0	0.95	1	1	319.44852
SU5_serv	BOBJ1	1	0	After	Interior Girder 1	0	0.95	1	1	394.030474
SU5_serv	BOBJ1	1	0	After	Interior Girder 2	0	0.95	1	1	215.601413
SU5_serv	BOBJ1	1	0	After	Interior Girder 3	0	0.95	1	1	149.419487
SU5_serv	BOBJ1	1	0	After	Interior Girder 4	0	0.95	1	1	149.419487
SU5_serv	BOBJ1	1	0	After	Interior Girder 5	0	0.95	1	1	215.601412
SU5_serv	BOBJ1	1	0	After	Interior Girder 6	0	0.95	1	1	394.030479
SU5_serv	BOBJ1	1	0	After	Right Exterior Girder	0	0.95	1	1	319.44852
SU5_serv	BOBJ1	2	9.4	Before	Left Exterior Girder	9.4	0.95	1	1	6.011055
SU5_serv	BOBJ1	2	9.4	Before	Interior Girder 1	9.4	0.95	1	1	4.328955
SU5_serv	BOBJ1	2	9.4	Before	Interior Girder 2	9.4	0.95	1	1	4.045925
SU5_serv	BOBJ1	2	9.4	Before	Interior Girder 3	9.4	0.95	1	1	3.769398
SU5_serv	BOBJ1	2	9.4	Before	Interior Girder 4	9.4	0.95	1	1	3.769398
SU5_serv	BOBJ1	2	9.4	Before	Interior Girder 5	9.4	0.95	1	1	4.045925
SU5_serv	BOBJ1	2	9.4	Before	Interior Girder 6	9.4	0.95	1	1	4.328955
SU5_serv	BOBJ1	2	9.4	Before	Right Exterior Girder	9.4	0.95	1	1	6.011055
SU5_serv	BOBJ1	3	9.4	After	Left Exterior Girder	9.4	0.95	1	1	6.025505
SU5_serv	BOBJ1	3	9.4	After	Interior Girder 1	9.4	0.95	1	1	4.318632
SU5_serv	BOBJ1	3	9.4	After	Interior Girder 2	9.4	0.95	1	1	4.116223

TABLE: Bridge Super Rating AASHTORATE18 31 - SteelICompServ-Flx - Approach, Span 7-11										
Request	BridgeObj	BridgeCut	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	Unitless	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
SU5_serv	BOBJ1	3	9.4	After	Interior Girder 3	9.4	0.95	1	1	3.899346
SU5_serv	BOBJ1	3	9.4	After	Interior Girder 4	9.4	0.95	1	1	3.899346
SU5_serv	BOBJ1	3	9.4	After	Interior Girder 5	9.4	0.95	1	1	4.116223
SU5_serv	BOBJ1	3	9.4	After	Interior Girder 6	9.4	0.95	1	1	4.318632
SU5_serv	BOBJ1	3	9.4	After	Right Exterior Girder	9.4	0.95	1	1	6.025505
SU5_serv	BOBJ1	4	18.8	Before	Left Exterior Girder	18.8	0.95	1	1	3.36839
SU5_serv	BOBJ1	4	18.8	Before	Interior Girder 1	18.8	0.95	1	1	3.119515
SU5_serv	BOBJ1	4	18.8	Before	Interior Girder 2	18.8	0.95	1	1	2.941868
SU5_serv	BOBJ1	4	18.8	Before	Interior Girder 3	18.8	0.95	1	1	2.90617
SU5_serv	BOBJ1	4	18.8	Before	Interior Girder 4	18.8	0.95	1	1	2.90617
SU5_serv	BOBJ1	4	18.8	Before	Interior Girder 5	18.8	0.95	1	1	2.941868
SU5_serv	BOBJ1	4	18.8	Before	Interior Girder 6	18.8	0.95	1	1	3.119515
SU5_serv	BOBJ1	4	18.8	Before	Right Exterior Girder	18.8	0.95	1	1	3.36839
SU5_serv	BOBJ1	5	18.8	After	Left Exterior Girder	18.8	0.95	1	1	3.406921
SU5_serv	BOBJ1	5	18.8	After	Interior Girder 1	18.8	0.95	1	1	3.091213
SU5_serv	BOBJ1	5	18.8	After	Interior Girder 2	18.8	0.95	1	1	2.946858
SU5_serv	BOBJ1	5	18.8	After	Interior Girder 3	18.8	0.95	1	1	2.926559
SU5_serv	BOBJ1	5	18.8	After	Interior Girder 4	18.8	0.95	1	1	2.926559
SU5_serv	BOBJ1	5	18.8	After	Interior Girder 5	18.8	0.95	1	1	2.946858
SU5_serv	BOBJ1	5	18.8	After	Interior Girder 6	18.8	0.95	1	1	3.091213
SU5_serv	BOBJ1	5	18.8	After	Right Exterior Girder	18.8	0.95	1	1	3.406921
SU5_serv	BOBJ1	6	28.2	Before	Left Exterior Girder	28.2	0.95	1	1	3.714318
SU5_serv	BOBJ1	6	28.2	Before	Interior Girder 1	28.2	0.95	1	1	2.939332
SU5_serv	BOBJ1	6	28.2	Before	Interior Girder 2	28.2	0.95	1	1	2.836418
SU5_serv	BOBJ1	6	28.2	Before	Interior Girder 3	28.2	0.95	1	1	2.751366
SU5_serv	BOBJ1	6	28.2	Before	Interior Girder 4	28.2	0.95	1	1	2.751366
SU5_serv	BOBJ1	6	28.2	Before	Interior Girder 5	28.2	0.95	1	1	2.836418
SU5_serv	BOBJ1	6	28.2	Before	Interior Girder 6	28.2	0.95	1	1	2.939332
SU5_serv	BOBJ1	6	28.2	Before	Right Exterior Girder	28.2	0.95	1	1	3.714318
SU5_serv	BOBJ1	7	28.2	After	Left Exterior Girder	28.2	0.95	1	1	3.703194
SU5_serv	BOBJ1	7	28.2	After	Interior Girder 1	28.2	0.95	1	1	2.945738
SU5_serv	BOBJ1	7	28.2	After	Interior Girder 2	28.2	0.95	1	1	2.832414
SU5_serv	BOBJ1	7	28.2	After	Interior Girder 3	28.2	0.95	1	1	2.739818
SU5_serv	BOBJ1	7	28.2	After	Interior Girder 4	28.2	0.95	1	1	2.739818
SU5_serv	BOBJ1	7	28.2	After	Interior Girder 5	28.2	0.95	1	1	2.832414
SU5_serv	BOBJ1	7	28.2	After	Interior Girder 6	28.2	0.95	1	1	2.945738
SU5_serv	BOBJ1	7	28.2	After	Right Exterior Girder	28.2	0.95	1	1	3.703194
SU5_serv	BOBJ1	8	37.6	Before	Left Exterior Girder	37.6	0.95	1	1	5.162446
SU5_serv	BOBJ1	8	37.6	Before	Interior Girder 1	37.6	0.95	1	1	4.395834
SU5_serv	BOBJ1	8	37.6	Before	Interior Girder 2	37.6	0.95	1	1	4.111609
SU5_serv	BOBJ1	8	37.6	Before	Interior Girder 3	37.6	0.95	1	1	4.055606
SU5_serv	BOBJ1	8	37.6	Before	Interior Girder 4	37.6	0.95	1	1	4.055606
SU5_serv	BOBJ1	8	37.6	Before	Interior Girder 5	37.6	0.95	1	1	4.111609
SU5_serv	BOBJ1	8	37.6	Before	Interior Girder 6	37.6	0.95	1	1	4.395834
SU5_serv	BOBJ1	8	37.6	Before	Right Exterior Girder	37.6	0.95	1	1	5.162446
SU5_serv	BOBJ1	9	37.6	After	Left Exterior Girder	37.6	0.95	1	1	5.062358
SU5_serv	BOBJ1	9	37.6	After	Interior Girder 1	37.6	0.95	1	1	4.464221
SU5_serv	BOBJ1	9	37.6	After	Interior Girder 2	37.6	0.95	1	1	4.103702
SU5_serv	BOBJ1	9	37.6	After	Interior Girder 3	37.6	0.95	1	1	4.004665
SU5_serv	BOBJ1	9	37.6	After	Interior Girder 4	37.6	0.95	1	1	4.004665
SU5_serv	BOBJ1	9	37.6	After	Interior Girder 5	37.6	0.95	1	1	4.103702
SU5_serv	BOBJ1	9	37.6	After	Interior Girder 6	37.6	0.95	1	1	4.464221
SU5_serv	BOBJ1	9	37.6	After	Right Exterior Girder	37.6	0.95	1	1	5.062358
SU5_serv	BOBJ1	10	47.01	Before	Left Exterior Girder	47.01	0.95	1	1	4.68782
SU5_serv	BOBJ1	10	47.01	Before	Interior Girder 1	47.01	0.95	1	1	4.834395
SU5_serv	BOBJ1	10	47.01	Before	Interior Girder 2	47.01	0.95	1	1	4.769053
SU5_serv	BOBJ1	10	47.01	Before	Interior Girder 3	47.01	0.95	1	1	4.675293
SU5_serv	BOBJ1	10	47.01	Before	Interior Girder 4	47.01	0.95	1	1	4.675293
SU5_serv	BOBJ1	10	47.01	Before	Interior Girder 5	47.01	0.95	1	1	4.769053
SU5_serv	BOBJ1	10	47.01	Before	Interior Girder 6	47.01	0.95	1	1	4.834395
SU5_serv	BOBJ1	10	47.01	Before	Right Exterior Girder	47.01	0.95	1	1	4.68782
SU5_serv	BOBJ1	11	47.01	After	Left Exterior Girder	47.01	0.95	1	1	4.777404
SU5_serv	BOBJ1	11	47.01	After	Interior Girder 1	47.01	0.95	1	1	4.761459
SU5_serv	BOBJ1	11	47.01	After	Interior Girder 2	47.01	0.95	1	1	4.716143
SU5_serv	BOBJ1	11	47.01	After	Interior Girder 3	47.01	0.95	1	1	4.653811
SU5_serv	BOBJ1	11	47.01	After	Interior Girder 4	47.01	0.95	1	1	4.653811
SU5_serv	BOBJ1	11	47.01	After	Interior Girder 5	47.01	0.95	1	1	4.716143
SU5_serv	BOBJ1	11	47.01	After	Interior Girder 6	47.01	0.95	1	1	4.761459
SU5_serv	BOBJ1	11	47.01	After	Right Exterior Girder	47.01	0.95	1	1	4.777404
SU5_serv	BOBJ1	12	49.42	Before	Left Exterior Girder	49.42	0.95	1	1	4.078541
SU5_serv	BOBJ1	12	49.42	Before	Right Exterior Girder	49.42	0.95	1	1	4.078541
SU5_serv	BOBJ1	13	49.42	After	Left Exterior Girder	49.42	0.95	1	1	7.050624
SU5_serv	BOBJ1	13	49.42	After	Right Exterior Girder	49.42	0.95	1	1	7.050624

TABLE: Bridge Super Rating AASHTORATE18 31 - SteelICompServ-Flx - Approach, Span 7-11										
Request	BridgeObj	BridgeCut	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	Unitless	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
SU5_serv	BOBJ1	14	51.92	Before	Interior Girder 1	51.92	0.95	1	1	3.75335
SU5_serv	BOBJ1	14	51.92	Before	Interior Girder 2	51.92	0.95	1	1	3.696015
SU5_serv	BOBJ1	14	51.92	Before	Interior Girder 3	51.92	0.95	1	1	3.477467
SU5_serv	BOBJ1	14	51.92	Before	Interior Girder 4	51.92	0.95	1	1	3.477467
SU5_serv	BOBJ1	14	51.92	Before	Interior Girder 5	51.92	0.95	1	1	3.696015
SU5_serv	BOBJ1	14	51.92	Before	Interior Girder 6	51.92	0.95	1	1	3.75335
SU5_serv	BOBJ1	15	51.92	After	Interior Girder 1	51.92	0.95	1	1	4.607612
SU5_serv	BOBJ1	15	51.92	After	Interior Girder 2	51.92	0.95	1	1	4.433997
SU5_serv	BOBJ1	15	51.92	After	Interior Girder 3	51.92	0.95	1	1	4.202863
SU5_serv	BOBJ1	15	51.92	After	Interior Girder 4	51.92	0.95	1	1	4.202863
SU5_serv	BOBJ1	15	51.92	After	Interior Girder 5	51.92	0.95	1	1	4.433997
SU5_serv	BOBJ1	15	51.92	After	Interior Girder 6	51.92	0.95	1	1	4.607612
SU5_serv	BOBJ1	16	56.42	Before	Left Exterior Girder	56.42	0.95	1	1	4.994209
SU5_serv	BOBJ1	16	56.42	Before	Interior Girder 1	56.42	0.95	1	1	3.567316
SU5_serv	BOBJ1	16	56.42	Before	Interior Girder 2	56.42	0.95	1	1	3.310216
SU5_serv	BOBJ1	16	56.42	Before	Interior Girder 3	56.42	0.95	1	1	2.754275
SU5_serv	BOBJ1	16	56.42	Before	Interior Girder 4	56.42	0.95	1	1	2.754275
SU5_serv	BOBJ1	16	56.42	Before	Interior Girder 5	56.42	0.95	1	1	3.310216
SU5_serv	BOBJ1	16	56.42	Before	Interior Girder 6	56.42	0.95	1	1	3.567316
SU5_serv	BOBJ1	16	56.42	Before	Right Exterior Girder	56.42	0.95	1	1	4.994209
SU5_serv	BOBJ1	17	56.42	After	Left Exterior Girder	0	0.95	1	1	4.876207
SU5_serv	BOBJ1	17	56.42	After	Interior Girder 1	0	0.95	1	1	3.359928
SU5_serv	BOBJ1	17	56.42	After	Interior Girder 2	0	0.95	1	1	3.190269
SU5_serv	BOBJ1	17	56.42	After	Interior Girder 3	0	0.95	1	1	2.703441
SU5_serv	BOBJ1	17	56.42	After	Interior Girder 4	0	0.95	1	1	2.703441
SU5_serv	BOBJ1	17	56.42	After	Interior Girder 5	0	0.95	1	1	3.190269
SU5_serv	BOBJ1	17	56.42	After	Interior Girder 6	0	0.95	1	1	3.359928
SU5_serv	BOBJ1	17	56.42	After	Right Exterior Girder	0	0.95	1	1	4.876207
SU5_serv	BOBJ1	18	60.92	Before	Interior Girder 1	4.5	0.95	1	1	5.289632
SU5_serv	BOBJ1	18	60.92	Before	Interior Girder 2	4.5	0.95	1	1	4.95563
SU5_serv	BOBJ1	18	60.92	Before	Interior Girder 3	4.5	0.95	1	1	4.558587
SU5_serv	BOBJ1	18	60.92	Before	Interior Girder 4	4.5	0.95	1	1	4.558587
SU5_serv	BOBJ1	18	60.92	Before	Interior Girder 5	4.5	0.95	1	1	4.95563
SU5_serv	BOBJ1	18	60.92	Before	Interior Girder 6	4.5	0.95	1	1	5.289632
SU5_serv	BOBJ1	19	60.92	After	Interior Girder 1	4.5	0.95	1	1	4.325904
SU5_serv	BOBJ1	19	60.92	After	Interior Girder 2	4.5	0.95	1	1	4.131311
SU5_serv	BOBJ1	19	60.92	After	Interior Girder 3	4.5	0.95	1	1	3.772135
SU5_serv	BOBJ1	19	60.92	After	Interior Girder 4	4.5	0.95	1	1	3.772135
SU5_serv	BOBJ1	19	60.92	After	Interior Girder 5	4.5	0.95	1	1	4.131311
SU5_serv	BOBJ1	19	60.92	After	Interior Girder 6	4.5	0.95	1	1	4.325904
SU5_serv	BOBJ1	20	63.42	Before	Left Exterior Girder	7	0.95	1	1	8.595509
SU5_serv	BOBJ1	20	63.42	Before	Right Exterior Girder	7	0.95	1	1	8.595509
SU5_serv	BOBJ1	21	63.42	After	Left Exterior Girder	7	0.95	1	1	4.947249
SU5_serv	BOBJ1	21	63.42	After	Right Exterior Girder	7	0.95	1	1	4.947249
SU5_serv	BOBJ1	22	64.845	Before	Left Exterior Girder	8.425	0.95	1	1	5.410751
SU5_serv	BOBJ1	22	64.845	Before	Interior Girder 1	8.425	0.95	1	1	5.272056
SU5_serv	BOBJ1	22	64.845	Before	Interior Girder 2	8.425	0.95	1	1	5.03515
SU5_serv	BOBJ1	22	64.845	Before	Interior Girder 3	8.425	0.95	1	1	4.883243
SU5_serv	BOBJ1	22	64.845	Before	Interior Girder 4	8.425	0.95	1	1	4.883243
SU5_serv	BOBJ1	22	64.845	Before	Interior Girder 5	8.425	0.95	1	1	5.03515
SU5_serv	BOBJ1	22	64.845	Before	Interior Girder 6	8.425	0.95	1	1	5.272056
SU5_serv	BOBJ1	22	64.845	Before	Right Exterior Girder	8.425	0.95	1	1	5.410751
SU5_serv	BOBJ1	23	64.845	After	Left Exterior Girder	8.425	0.95	1	1	5.361611
SU5_serv	BOBJ1	23	64.845	After	Interior Girder 1	8.425	0.95	1	1	5.327372
SU5_serv	BOBJ1	23	64.845	After	Interior Girder 2	8.425	0.95	1	1	5.086146
SU5_serv	BOBJ1	23	64.845	After	Interior Girder 3	8.425	0.95	1	1	4.916038
SU5_serv	BOBJ1	23	64.845	After	Interior Girder 4	8.425	0.95	1	1	4.916038
SU5_serv	BOBJ1	23	64.845	After	Interior Girder 5	8.425	0.95	1	1	5.086146
SU5_serv	BOBJ1	23	64.845	After	Interior Girder 6	8.425	0.95	1	1	5.327372
SU5_serv	BOBJ1	23	64.845	After	Right Exterior Girder	8.425	0.95	1	1	5.361611
SU5_serv	BOBJ1	24	69.92	Before	Left Exterior Girder	13.5	0.95	1	1	7.070308
SU5_serv	BOBJ1	24	69.92	Before	Interior Girder 1	13.5	0.95	1	1	6.622091
SU5_serv	BOBJ1	24	69.92	Before	Interior Girder 2	13.5	0.95	1	1	6.329518
SU5_serv	BOBJ1	24	69.92	Before	Interior Girder 3	13.5	0.95	1	1	6.158702
SU5_serv	BOBJ1	24	69.92	Before	Interior Girder 4	13.5	0.95	1	1	6.158702
SU5_serv	BOBJ1	24	69.92	Before	Interior Girder 5	13.5	0.95	1	1	6.329518
SU5_serv	BOBJ1	24	69.92	Before	Interior Girder 6	13.5	0.95	1	1	6.622091
SU5_serv	BOBJ1	24	69.92	Before	Right Exterior Girder	13.5	0.95	1	1	7.070308
SU5_serv	BOBJ1	25	69.92	After	Left Exterior Girder	13.5	0.95	1	1	6.076264
SU5_serv	BOBJ1	25	69.92	After	Interior Girder 1	13.5	0.95	1	1	6.1889
SU5_serv	BOBJ1	25	69.92	After	Interior Girder 2	13.5	0.95	1	1	6.021088
SU5_serv	BOBJ1	25	69.92	After	Interior Girder 3	13.5	0.95	1	1	5.920229
SU5_serv	BOBJ1	25	69.92	After	Interior Girder 4	13.5	0.95	1	1	5.920229

TABLE: Bridge Super Rating AASHTORATE18 31 - SteelICompServ-Flx - Approach, Span 7-11										
Request	BridgeObj	BridgeCut	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	Unitless	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
SU5_serv	BOBJ1	25	69.92	After	Interior Girder 5	13.5	0.95	1	1	6.021088
SU5_serv	BOBJ1	25	69.92	After	Interior Girder 6	13.5	0.95	1	1	6.1889
SU5_serv	BOBJ1	25	69.92	After	Right Exterior Girder	13.5	0.95	1	1	6.076264
SU5_serv	BOBJ1	26	73.27	Before	Left Exterior Girder	16.85	0.95	1	1	6.194369
SU5_serv	BOBJ1	26	73.27	Before	Interior Girder 1	16.85	0.95	1	1	5.303115
SU5_serv	BOBJ1	26	73.27	Before	Interior Girder 2	16.85	0.95	1	1	4.842972
SU5_serv	BOBJ1	26	73.27	Before	Interior Girder 3	16.85	0.95	1	1	4.753548
SU5_serv	BOBJ1	26	73.27	Before	Interior Girder 4	16.85	0.95	1	1	4.753548
SU5_serv	BOBJ1	26	73.27	Before	Interior Girder 5	16.85	0.95	1	1	4.842972
SU5_serv	BOBJ1	26	73.27	Before	Interior Girder 6	16.85	0.95	1	1	5.303115
SU5_serv	BOBJ1	26	73.27	Before	Right Exterior Girder	16.85	0.95	1	1	6.194369
SU5_serv	BOBJ1	27	73.27	After	Left Exterior Girder	16.85	0.95	1	1	6.331452
SU5_serv	BOBJ1	27	73.27	After	Interior Girder 1	16.85	0.95	1	1	5.216929
SU5_serv	BOBJ1	27	73.27	After	Interior Girder 2	16.85	0.95	1	1	4.817185
SU5_serv	BOBJ1	27	73.27	After	Interior Girder 3	16.85	0.95	1	1	4.770445
SU5_serv	BOBJ1	27	73.27	After	Interior Girder 4	16.85	0.95	1	1	4.770445
SU5_serv	BOBJ1	27	73.27	After	Interior Girder 5	16.85	0.95	1	1	4.817185
SU5_serv	BOBJ1	27	73.27	After	Interior Girder 6	16.85	0.95	1	1	5.216929
SU5_serv	BOBJ1	27	73.27	After	Right Exterior Girder	16.85	0.95	1	1	6.331452
SU5_serv	BOBJ1	28	81.695	Before	Left Exterior Girder	25.275	0.95	1	1	3.904456
SU5_serv	BOBJ1	28	81.695	Before	Interior Girder 1	25.275	0.95	1	1	3.230359
SU5_serv	BOBJ1	28	81.695	Before	Interior Girder 2	25.275	0.95	1	1	3.105993
SU5_serv	BOBJ1	28	81.695	Before	Interior Girder 3	25.275	0.95	1	1	3.022689
SU5_serv	BOBJ1	28	81.695	Before	Interior Girder 4	25.275	0.95	1	1	3.022689
SU5_serv	BOBJ1	28	81.695	Before	Interior Girder 5	25.275	0.95	1	1	3.105993
SU5_serv	BOBJ1	28	81.695	Before	Interior Girder 6	25.275	0.95	1	1	3.230359
SU5_serv	BOBJ1	28	81.695	Before	Right Exterior Girder	25.275	0.95	1	1	3.904456
SU5_serv	BOBJ1	29	81.695	After	Left Exterior Girder	25.275	0.95	1	1	3.957392
SU5_serv	BOBJ1	29	81.695	After	Interior Girder 1	25.275	0.95	1	1	3.20396
SU5_serv	BOBJ1	29	81.695	After	Interior Girder 2	25.275	0.95	1	1	3.105009
SU5_serv	BOBJ1	29	81.695	After	Interior Girder 3	25.275	0.95	1	1	3.048244
SU5_serv	BOBJ1	29	81.695	After	Interior Girder 4	25.275	0.95	1	1	3.048244
SU5_serv	BOBJ1	29	81.695	After	Interior Girder 5	25.275	0.95	1	1	3.105009
SU5_serv	BOBJ1	29	81.695	After	Interior Girder 6	25.275	0.95	1	1	3.20396
SU5_serv	BOBJ1	29	81.695	After	Right Exterior Girder	25.275	0.95	1	1	3.957392
SU5_serv	BOBJ1	30	90.12	Before	Left Exterior Girder	33.7	0.95	1	1	3.165187
SU5_serv	BOBJ1	30	90.12	Before	Interior Girder 1	33.7	0.95	1	1	3.055751
SU5_serv	BOBJ1	30	90.12	Before	Interior Girder 2	33.7	0.95	1	1	2.963258
SU5_serv	BOBJ1	30	90.12	Before	Interior Girder 3	33.7	0.95	1	1	2.98339
SU5_serv	BOBJ1	30	90.12	Before	Interior Girder 4	33.7	0.95	1	1	2.98339
SU5_serv	BOBJ1	30	90.12	Before	Interior Girder 5	33.7	0.95	1	1	2.963258
SU5_serv	BOBJ1	30	90.12	Before	Interior Girder 6	33.7	0.95	1	1	3.055751
SU5_serv	BOBJ1	30	90.12	Before	Right Exterior Girder	33.7	0.95	1	1	3.165187
SU5_serv	BOBJ1	31	90.12	After	Left Exterior Girder	33.7	0.95	1	1	3.168701
SU5_serv	BOBJ1	31	90.12	After	Interior Girder 1	33.7	0.95	1	1	3.057669
SU5_serv	BOBJ1	31	90.12	After	Interior Girder 2	33.7	0.95	1	1	2.9608
SU5_serv	BOBJ1	31	90.12	After	Interior Girder 3	33.7	0.95	1	1	2.98369
SU5_serv	BOBJ1	31	90.12	After	Interior Girder 4	33.7	0.95	1	1	2.98369
SU5_serv	BOBJ1	31	90.12	After	Interior Girder 5	33.7	0.95	1	1	2.9608
SU5_serv	BOBJ1	31	90.12	After	Interior Girder 6	33.7	0.95	1	1	3.057669
SU5_serv	BOBJ1	31	90.12	After	Right Exterior Girder	33.7	0.95	1	1	3.168701
SU5_serv	BOBJ1	32	98.545	Before	Left Exterior Girder	42.125	0.95	1	1	3.854492
SU5_serv	BOBJ1	32	98.545	Before	Interior Girder 1	42.125	0.95	1	1	3.16555
SU5_serv	BOBJ1	32	98.545	Before	Interior Girder 2	42.125	0.95	1	1	3.079659
SU5_serv	BOBJ1	32	98.545	Before	Interior Girder 3	42.125	0.95	1	1	3.02978
SU5_serv	BOBJ1	32	98.545	Before	Interior Girder 4	42.125	0.95	1	1	3.02978
SU5_serv	BOBJ1	32	98.545	Before	Interior Girder 5	42.125	0.95	1	1	3.079659
SU5_serv	BOBJ1	32	98.545	Before	Interior Girder 6	42.125	0.95	1	1	3.16555
SU5_serv	BOBJ1	32	98.545	Before	Right Exterior Girder	42.125	0.95	1	1	3.854492
SU5_serv	BOBJ1	33	98.545	After	Left Exterior Girder	42.125	0.95	1	1	3.812839
SU5_serv	BOBJ1	33	98.545	After	Interior Girder 1	42.125	0.95	1	1	3.1888
SU5_serv	BOBJ1	33	98.545	After	Interior Girder 2	42.125	0.95	1	1	3.079049
SU5_serv	BOBJ1	33	98.545	After	Interior Girder 3	42.125	0.95	1	1	3.004297
SU5_serv	BOBJ1	33	98.545	After	Interior Girder 4	42.125	0.95	1	1	3.004297
SU5_serv	BOBJ1	33	98.545	After	Interior Girder 5	42.125	0.95	1	1	3.079049
SU5_serv	BOBJ1	33	98.545	After	Interior Girder 6	42.125	0.95	1	1	3.1888
SU5_serv	BOBJ1	33	98.545	After	Right Exterior Girder	42.125	0.95	1	1	3.812839
SU5_serv	BOBJ1	34	106.97	Before	Left Exterior Girder	50.55	0.95	1	1	5.968295
SU5_serv	BOBJ1	34	106.97	Before	Interior Girder 1	50.55	0.95	1	1	5.029808
SU5_serv	BOBJ1	34	106.97	Before	Interior Girder 2	50.55	0.95	1	1	4.697987
SU5_serv	BOBJ1	34	106.97	Before	Interior Girder 3	50.55	0.95	1	1	4.649745
SU5_serv	BOBJ1	34	106.97	Before	Interior Girder 4	50.55	0.95	1	1	4.649745
SU5_serv	BOBJ1	34	106.97	Before	Interior Girder 5	50.55	0.95	1	1	4.697987

TABLE: Bridge Super Rating AASHTORATE18 31 - SteelICompServ-Flx - Approach, Span 7-11										
Request	BridgeObj	BridgeCut	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	Unitless	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
SU5_serv	BOBJ1	34	106.97	Before	Interior Girder 6	50.55	0.95	1	1	5.029808
SU5_serv	BOBJ1	34	106.97	Before	Right Exterior Girder	50.55	0.95	1	1	5.968295
SU5_serv	BOBJ1	35	106.97	After	Left Exterior Girder	50.55	0.95	1	1	5.83327
SU5_serv	BOBJ1	35	106.97	After	Interior Girder 1	50.55	0.95	1	1	5.107345
SU5_serv	BOBJ1	35	106.97	After	Interior Girder 2	50.55	0.95	1	1	4.694548
SU5_serv	BOBJ1	35	106.97	After	Interior Girder 3	50.55	0.95	1	1	4.579967
SU5_serv	BOBJ1	35	106.97	After	Interior Girder 4	50.55	0.95	1	1	4.579967
SU5_serv	BOBJ1	35	106.97	After	Interior Girder 5	50.55	0.95	1	1	4.694548
SU5_serv	BOBJ1	35	106.97	After	Interior Girder 6	50.55	0.95	1	1	5.107345
SU5_serv	BOBJ1	35	106.97	After	Right Exterior Girder	50.55	0.95	1	1	5.83327
SU5_serv	BOBJ1	36	115.405	Before	Left Exterior Girder	58.985	0.95	1	1	4.038732
SU5_serv	BOBJ1	36	115.405	Before	Interior Girder 1	58.985	0.95	1	1	4.426224
SU5_serv	BOBJ1	36	115.405	Before	Interior Girder 2	58.985	0.95	1	1	4.373272
SU5_serv	BOBJ1	36	115.405	Before	Interior Girder 3	58.985	0.95	1	1	4.259945
SU5_serv	BOBJ1	36	115.405	Before	Interior Girder 4	58.985	0.95	1	1	4.259945
SU5_serv	BOBJ1	36	115.405	Before	Interior Girder 5	58.985	0.95	1	1	4.373272
SU5_serv	BOBJ1	36	115.405	Before	Interior Girder 6	58.985	0.95	1	1	4.426224
SU5_serv	BOBJ1	36	115.405	Before	Right Exterior Girder	58.985	0.95	1	1	4.038732
SU5_serv	BOBJ1	37	115.405	After	Left Exterior Girder	58.985	0.95	1	1	4.126991
SU5_serv	BOBJ1	37	115.405	After	Interior Girder 1	58.985	0.95	1	1	4.350287
SU5_serv	BOBJ1	37	115.405	After	Interior Girder 2	58.985	0.95	1	1	4.332054
SU5_serv	BOBJ1	37	115.405	After	Interior Girder 3	58.985	0.95	1	1	4.246282
SU5_serv	BOBJ1	37	115.405	After	Interior Girder 4	58.985	0.95	1	1	4.246282
SU5_serv	BOBJ1	37	115.405	After	Interior Girder 5	58.985	0.95	1	1	4.332054
SU5_serv	BOBJ1	37	115.405	After	Interior Girder 6	58.985	0.95	1	1	4.350287
SU5_serv	BOBJ1	37	115.405	After	Right Exterior Girder	58.985	0.95	1	1	4.126991
SU5_serv	BOBJ1	38	116.34	Before	Left Exterior Girder	59.92	0.95	1	1	3.829281
SU5_serv	BOBJ1	38	116.34	Before	Right Exterior Girder	59.92	0.95	1	1	3.829281
SU5_serv	BOBJ1	39	116.34	After	Left Exterior Girder	59.92	0.95	1	1	7.604368
SU5_serv	BOBJ1	39	116.34	After	Right Exterior Girder	59.92	0.95	1	1	7.604368
SU5_serv	BOBJ1	40	118.84	Before	Interior Girder 1	62.42	0.95	1	1	3.674307
SU5_serv	BOBJ1	40	118.84	Before	Interior Girder 2	62.42	0.95	1	1	3.632019
SU5_serv	BOBJ1	40	118.84	Before	Interior Girder 3	62.42	0.95	1	1	3.425629
SU5_serv	BOBJ1	40	118.84	Before	Interior Girder 4	62.42	0.95	1	1	3.425629
SU5_serv	BOBJ1	40	118.84	Before	Interior Girder 5	62.42	0.95	1	1	3.632019
SU5_serv	BOBJ1	40	118.84	Before	Interior Girder 6	62.42	0.95	1	1	3.674307
SU5_serv	BOBJ1	41	118.84	After	Interior Girder 1	62.42	0.95	1	1	5.136188
SU5_serv	BOBJ1	41	118.84	After	Interior Girder 2	62.42	0.95	1	1	4.960698
SU5_serv	BOBJ1	41	118.84	After	Interior Girder 3	62.42	0.95	1	1	4.730807
SU5_serv	BOBJ1	41	118.84	After	Interior Girder 4	62.42	0.95	1	1	4.730807
SU5_serv	BOBJ1	41	118.84	After	Interior Girder 5	62.42	0.95	1	1	4.960698
SU5_serv	BOBJ1	41	118.84	After	Interior Girder 6	62.42	0.95	1	1	5.136188
SU5_serv	BOBJ1	42	123.84	Before	Left Exterior Girder	67.42	0.95	1	1	5.058297
SU5_serv	BOBJ1	42	123.84	Before	Interior Girder 1	67.42	0.95	1	1	3.776708
SU5_serv	BOBJ1	42	123.84	Before	Interior Girder 2	67.42	0.95	1	1	3.535579
SU5_serv	BOBJ1	42	123.84	Before	Interior Girder 3	67.42	0.95	1	1	2.953226
SU5_serv	BOBJ1	42	123.84	Before	Interior Girder 4	67.42	0.95	1	1	2.953226
SU5_serv	BOBJ1	42	123.84	Before	Interior Girder 5	67.42	0.95	1	1	3.535579
SU5_serv	BOBJ1	42	123.84	Before	Interior Girder 6	67.42	0.95	1	1	3.776708
SU5_serv	BOBJ1	42	123.84	Before	Right Exterior Girder	67.42	0.95	1	1	5.058297
SU5_serv	BOBJ1	43	123.84	After	Left Exterior Girder	0	0.95	1	1	5.006775
SU5_serv	BOBJ1	43	123.84	After	Interior Girder 1	0	0.95	1	1	3.715304
SU5_serv	BOBJ1	43	123.84	After	Interior Girder 2	0	0.95	1	1	3.516674
SU5_serv	BOBJ1	43	123.84	After	Interior Girder 3	0	0.95	1	1	2.945401
SU5_serv	BOBJ1	43	123.84	After	Interior Girder 4	0	0.95	1	1	2.945401
SU5_serv	BOBJ1	43	123.84	After	Interior Girder 5	0	0.95	1	1	3.516674
SU5_serv	BOBJ1	43	123.84	After	Interior Girder 6	0	0.95	1	1	3.715304
SU5_serv	BOBJ1	43	123.84	After	Right Exterior Girder	0	0.95	1	1	5.006775
SU5_serv	BOBJ1	44	128.84	Before	Interior Girder 1	5	0.95	1	1	5.247645
SU5_serv	BOBJ1	44	128.84	Before	Interior Girder 2	5	0.95	1	1	5.048521
SU5_serv	BOBJ1	44	128.84	Before	Interior Girder 3	5	0.95	1	1	4.791927
SU5_serv	BOBJ1	44	128.84	Before	Interior Girder 4	5	0.95	1	1	4.791927
SU5_serv	BOBJ1	44	128.84	Before	Interior Girder 5	5	0.95	1	1	5.048521
SU5_serv	BOBJ1	44	128.84	Before	Interior Girder 6	5	0.95	1	1	5.247645
SU5_serv	BOBJ1	45	128.84	After	Interior Girder 1	5	0.95	1	1	3.760863
SU5_serv	BOBJ1	45	128.84	After	Interior Girder 2	5	0.95	1	1	3.698481
SU5_serv	BOBJ1	45	128.84	After	Interior Girder 3	5	0.95	1	1	3.482289
SU5_serv	BOBJ1	45	128.84	After	Interior Girder 4	5	0.95	1	1	3.482289
SU5_serv	BOBJ1	45	128.84	After	Interior Girder 5	5	0.95	1	1	3.698481
SU5_serv	BOBJ1	45	128.84	After	Interior Girder 6	5	0.95	1	1	3.760863
SU5_serv	BOBJ1	46	131.34	Before	Left Exterior Girder	7.5	0.95	1	1	7.823144
SU5_serv	BOBJ1	46	131.34	Before	Right Exterior Girder	7.5	0.95	1	1	7.823144
SU5_serv	BOBJ1	47	131.34	After	Left Exterior Girder	7.5	0.95	1	1	3.942362

TABLE: Bridge Super Rating AASHTORATE18 31 - SteelICompServ-Flx - Approach, Span 7-11										
Request	BridgeObj	BridgeCut	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	Unitless	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
SU5_serv	BOBJ1	47	131.34	After	Right Exterior Girder	7.5	0.95	1	1	3.942362
SU5_serv	BOBJ1	48	132.265	Before	Left Exterior Girder	8.425	0.95	1	1	4.229419
SU5_serv	BOBJ1	48	132.265	Before	Interior Girder 1	8.425	0.95	1	1	4.448741
SU5_serv	BOBJ1	48	132.265	Before	Interior Girder 2	8.425	0.95	1	1	4.409621
SU5_serv	BOBJ1	48	132.265	Before	Interior Girder 3	8.425	0.95	1	1	4.31676
SU5_serv	BOBJ1	48	132.265	Before	Interior Girder 4	8.425	0.95	1	1	4.31676
SU5_serv	BOBJ1	48	132.265	Before	Interior Girder 5	8.425	0.95	1	1	4.409621
SU5_serv	BOBJ1	48	132.265	Before	Interior Girder 6	8.425	0.95	1	1	4.448741
SU5_serv	BOBJ1	48	132.265	Before	Right Exterior Girder	8.425	0.95	1	1	4.229419
SU5_serv	BOBJ1	49	132.265	After	Left Exterior Girder	8.425	0.95	1	1	4.13853
SU5_serv	BOBJ1	49	132.265	After	Interior Girder 1	8.425	0.95	1	1	4.525597
SU5_serv	BOBJ1	49	132.265	After	Interior Girder 2	8.425	0.95	1	1	4.452043
SU5_serv	BOBJ1	49	132.265	After	Interior Girder 3	8.425	0.95	1	1	4.332326
SU5_serv	BOBJ1	49	132.265	After	Interior Girder 4	8.425	0.95	1	1	4.332326
SU5_serv	BOBJ1	49	132.265	After	Interior Girder 5	8.425	0.95	1	1	4.452043
SU5_serv	BOBJ1	49	132.265	After	Interior Girder 6	8.425	0.95	1	1	4.525597
SU5_serv	BOBJ1	49	132.265	After	Right Exterior Girder	8.425	0.95	1	1	4.13853
SU5_serv	BOBJ1	50	140.69	Before	Left Exterior Girder	16.85	0.95	1	1	5.883041
SU5_serv	BOBJ1	50	140.69	Before	Interior Girder 1	16.85	0.95	1	1	5.120528
SU5_serv	BOBJ1	50	140.69	Before	Interior Girder 2	16.85	0.95	1	1	4.70723
SU5_serv	BOBJ1	50	140.69	Before	Interior Girder 3	16.85	0.95	1	1	4.596962
SU5_serv	BOBJ1	50	140.69	Before	Interior Girder 4	16.85	0.95	1	1	4.596962
SU5_serv	BOBJ1	50	140.69	Before	Interior Girder 5	16.85	0.95	1	1	4.70723
SU5_serv	BOBJ1	50	140.69	Before	Interior Girder 6	16.85	0.95	1	1	5.120528
SU5_serv	BOBJ1	50	140.69	Before	Right Exterior Girder	16.85	0.95	1	1	5.883041
SU5_serv	BOBJ1	51	140.69	After	Left Exterior Girder	16.85	0.95	1	1	6.023335
SU5_serv	BOBJ1	51	140.69	After	Interior Girder 1	16.85	0.95	1	1	5.043398
SU5_serv	BOBJ1	51	140.69	After	Interior Girder 2	16.85	0.95	1	1	4.709715
SU5_serv	BOBJ1	51	140.69	After	Interior Girder 3	16.85	0.95	1	1	4.666081
SU5_serv	BOBJ1	51	140.69	After	Interior Girder 4	16.85	0.95	1	1	4.666081
SU5_serv	BOBJ1	51	140.69	After	Interior Girder 5	16.85	0.95	1	1	4.709715
SU5_serv	BOBJ1	51	140.69	After	Interior Girder 6	16.85	0.95	1	1	5.043398
SU5_serv	BOBJ1	51	140.69	After	Right Exterior Girder	16.85	0.95	1	1	6.023335
SU5_serv	BOBJ1	52	149.115	Before	Left Exterior Girder	25.275	0.95	1	1	3.796416
SU5_serv	BOBJ1	52	149.115	Before	Interior Girder 1	25.275	0.95	1	1	3.171766
SU5_serv	BOBJ1	52	149.115	Before	Interior Girder 2	25.275	0.95	1	1	3.069507
SU5_serv	BOBJ1	52	149.115	Before	Interior Girder 3	25.275	0.95	1	1	3.001785
SU5_serv	BOBJ1	52	149.115	Before	Interior Girder 4	25.275	0.95	1	1	3.001785
SU5_serv	BOBJ1	52	149.115	Before	Interior Girder 5	25.275	0.95	1	1	3.069507
SU5_serv	BOBJ1	52	149.115	Before	Interior Girder 6	25.275	0.95	1	1	3.171766
SU5_serv	BOBJ1	52	149.115	Before	Right Exterior Girder	25.275	0.95	1	1	3.796416
SU5_serv	BOBJ1	53	149.115	After	Left Exterior Girder	25.275	0.95	1	1	3.840668
SU5_serv	BOBJ1	53	149.115	After	Interior Girder 1	25.275	0.95	1	1	3.149137
SU5_serv	BOBJ1	53	149.115	After	Interior Girder 2	25.275	0.95	1	1	3.069078
SU5_serv	BOBJ1	53	149.115	After	Interior Girder 3	25.275	0.95	1	1	3.026829
SU5_serv	BOBJ1	53	149.115	After	Interior Girder 4	25.275	0.95	1	1	3.026829
SU5_serv	BOBJ1	53	149.115	After	Interior Girder 5	25.275	0.95	1	1	3.069078
SU5_serv	BOBJ1	53	149.115	After	Interior Girder 6	25.275	0.95	1	1	3.149137
SU5_serv	BOBJ1	53	149.115	After	Right Exterior Girder	25.275	0.95	1	1	3.840668
SU5_serv	BOBJ1	54	157.54	Before	Left Exterior Girder	33.7	0.95	1	1	3.121294
SU5_serv	BOBJ1	54	157.54	Before	Interior Girder 1	33.7	0.95	1	1	3.017154
SU5_serv	BOBJ1	54	157.54	Before	Interior Girder 2	33.7	0.95	1	1	2.936796
SU5_serv	BOBJ1	54	157.54	Before	Interior Girder 3	33.7	0.95	1	1	2.970052
SU5_serv	BOBJ1	54	157.54	Before	Interior Girder 4	33.7	0.95	1	1	2.970052
SU5_serv	BOBJ1	54	157.54	Before	Interior Girder 5	33.7	0.95	1	1	2.936796
SU5_serv	BOBJ1	54	157.54	Before	Interior Girder 6	33.7	0.95	1	1	3.017154
SU5_serv	BOBJ1	54	157.54	Before	Right Exterior Girder	33.7	0.95	1	1	3.121294
SU5_serv	BOBJ1	55	157.54	After	Left Exterior Girder	33.7	0.95	1	1	3.121591
SU5_serv	BOBJ1	55	157.54	After	Interior Girder 1	33.7	0.95	1	1	3.017236
SU5_serv	BOBJ1	55	157.54	After	Interior Girder 2	33.7	0.95	1	1	2.93671
SU5_serv	BOBJ1	55	157.54	After	Interior Girder 3	33.7	0.95	1	1	2.970167
SU5_serv	BOBJ1	55	157.54	After	Interior Girder 4	33.7	0.95	1	1	2.970167
SU5_serv	BOBJ1	55	157.54	After	Interior Girder 5	33.7	0.95	1	1	2.93671
SU5_serv	BOBJ1	55	157.54	After	Interior Girder 6	33.7	0.95	1	1	3.017236
SU5_serv	BOBJ1	55	157.54	After	Right Exterior Girder	33.7	0.95	1	1	3.121591
SU5_serv	BOBJ1	56	165.965	Before	Left Exterior Girder	42.125	0.95	1	1	3.837644
SU5_serv	BOBJ1	56	165.965	Before	Interior Girder 1	42.125	0.95	1	1	3.147891
SU5_serv	BOBJ1	56	165.965	Before	Interior Girder 2	42.125	0.95	1	1	3.067902
SU5_serv	BOBJ1	56	165.965	Before	Interior Girder 3	42.125	0.95	1	1	3.025506
SU5_serv	BOBJ1	56	165.965	Before	Interior Girder 4	42.125	0.95	1	1	3.025506
SU5_serv	BOBJ1	56	165.965	Before	Interior Girder 5	42.125	0.95	1	1	3.067902
SU5_serv	BOBJ1	56	165.965	Before	Interior Girder 6	42.125	0.95	1	1	3.147891
SU5_serv	BOBJ1	56	165.965	Before	Right Exterior Girder	42.125	0.95	1	1	3.837644

TABLE: Bridge Super Rating AASHTORATE18 31 - SteelICompServ-Flx - Approach, Span 7-11										
Request	BridgeObj	BridgeCut	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	Unitless	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
SU5_serv	BOBJ1	57	165.965	After	Left Exterior Girder	42.125	0.95	1	1	3.793801
SU5_serv	BOBJ1	57	165.965	After	Interior Girder 1	42.125	0.95	1	1	3.170396
SU5_serv	BOBJ1	57	165.965	After	Interior Girder 2	42.125	0.95	1	1	3.068306
SU5_serv	BOBJ1	57	165.965	After	Interior Girder 3	42.125	0.95	1	1	3.000584
SU5_serv	BOBJ1	57	165.965	After	Interior Girder 4	42.125	0.95	1	1	3.000584
SU5_serv	BOBJ1	57	165.965	After	Interior Girder 5	42.125	0.95	1	1	3.068306
SU5_serv	BOBJ1	57	165.965	After	Interior Girder 6	42.125	0.95	1	1	3.170396
SU5_serv	BOBJ1	57	165.965	After	Right Exterior Girder	42.125	0.95	1	1	3.793801
SU5_serv	BOBJ1	58	174.39	Before	Left Exterior Girder	50.55	0.95	1	1	6.011435
SU5_serv	BOBJ1	58	174.39	Before	Interior Girder 1	50.55	0.95	1	1	5.037777
SU5_serv	BOBJ1	58	174.39	Before	Interior Girder 2	50.55	0.95	1	1	4.704981
SU5_serv	BOBJ1	58	174.39	Before	Interior Girder 3	50.55	0.95	1	1	4.660517
SU5_serv	BOBJ1	58	174.39	Before	Interior Girder 4	50.55	0.95	1	1	4.660517
SU5_serv	BOBJ1	58	174.39	Before	Interior Girder 5	50.55	0.95	1	1	4.704981
SU5_serv	BOBJ1	58	174.39	Before	Interior Girder 6	50.55	0.95	1	1	5.037777
SU5_serv	BOBJ1	58	174.39	Before	Right Exterior Girder	50.55	0.95	1	1	6.011435
SU5_serv	BOBJ1	59	174.39	After	Left Exterior Girder	50.55	0.95	1	1	5.871702
SU5_serv	BOBJ1	59	174.39	After	Interior Girder 1	50.55	0.95	1	1	5.114939
SU5_serv	BOBJ1	59	174.39	After	Interior Girder 2	50.55	0.95	1	1	4.702584
SU5_serv	BOBJ1	59	174.39	After	Interior Girder 3	50.55	0.95	1	1	4.591628
SU5_serv	BOBJ1	59	174.39	After	Interior Girder 4	50.55	0.95	1	1	4.591628
SU5_serv	BOBJ1	59	174.39	After	Interior Girder 5	50.55	0.95	1	1	4.702584
SU5_serv	BOBJ1	59	174.39	After	Interior Girder 6	50.55	0.95	1	1	5.114939
SU5_serv	BOBJ1	59	174.39	After	Right Exterior Girder	50.55	0.95	1	1	5.871702
SU5_serv	BOBJ1	60	182.825	Before	Left Exterior Girder	58.985	0.95	1	1	4.142769
SU5_serv	BOBJ1	60	182.825	Before	Interior Girder 1	58.985	0.95	1	1	4.523907
SU5_serv	BOBJ1	60	182.825	Before	Interior Girder 2	58.985	0.95	1	1	4.449786
SU5_serv	BOBJ1	60	182.825	Before	Interior Girder 3	58.985	0.95	1	1	4.334805
SU5_serv	BOBJ1	60	182.825	Before	Interior Girder 4	58.985	0.95	1	1	4.334805
SU5_serv	BOBJ1	60	182.825	Before	Interior Girder 5	58.985	0.95	1	1	4.449786
SU5_serv	BOBJ1	60	182.825	Before	Interior Girder 6	58.985	0.95	1	1	4.523907
SU5_serv	BOBJ1	60	182.825	Before	Right Exterior Girder	58.985	0.95	1	1	4.142769
SU5_serv	BOBJ1	61	182.825	After	Left Exterior Girder	58.985	0.95	1	1	4.233907
SU5_serv	BOBJ1	61	182.825	After	Interior Girder 1	58.985	0.95	1	1	4.447079
SU5_serv	BOBJ1	61	182.825	After	Interior Girder 2	58.985	0.95	1	1	4.407247
SU5_serv	BOBJ1	61	182.825	After	Interior Girder 3	58.985	0.95	1	1	4.319603
SU5_serv	BOBJ1	61	182.825	After	Interior Girder 4	58.985	0.95	1	1	4.319603
SU5_serv	BOBJ1	61	182.825	After	Interior Girder 5	58.985	0.95	1	1	4.407247
SU5_serv	BOBJ1	61	182.825	After	Interior Girder 6	58.985	0.95	1	1	4.447079
SU5_serv	BOBJ1	61	182.825	After	Right Exterior Girder	58.985	0.95	1	1	4.233907
SU5_serv	BOBJ1	62	183.76	Before	Left Exterior Girder	59.92	0.95	1	1	3.929296
SU5_serv	BOBJ1	62	183.76	Before	Right Exterior Girder	59.92	0.95	1	1	3.929296
SU5_serv	BOBJ1	63	183.76	After	Left Exterior Girder	59.92	0.95	1	1	7.803147
SU5_serv	BOBJ1	63	183.76	After	Right Exterior Girder	59.92	0.95	1	1	7.803147
SU5_serv	BOBJ1	64	186.26	Before	Interior Girder 1	62.42	0.95	1	1	3.756265
SU5_serv	BOBJ1	64	186.26	Before	Interior Girder 2	62.42	0.95	1	1	3.693833
SU5_serv	BOBJ1	64	186.26	Before	Interior Girder 3	62.42	0.95	1	1	3.4829
SU5_serv	BOBJ1	64	186.26	Before	Interior Girder 4	62.42	0.95	1	1	3.4829
SU5_serv	BOBJ1	64	186.26	Before	Interior Girder 5	62.42	0.95	1	1	3.693833
SU5_serv	BOBJ1	64	186.26	Before	Interior Girder 6	62.42	0.95	1	1	3.756265
SU5_serv	BOBJ1	65	186.26	After	Interior Girder 1	62.42	0.95	1	1	5.242386
SU5_serv	BOBJ1	65	186.26	After	Interior Girder 2	62.42	0.95	1	1	5.043082
SU5_serv	BOBJ1	65	186.26	After	Interior Girder 3	62.42	0.95	1	1	4.79353
SU5_serv	BOBJ1	65	186.26	After	Interior Girder 4	62.42	0.95	1	1	4.79353
SU5_serv	BOBJ1	65	186.26	After	Interior Girder 5	62.42	0.95	1	1	5.043082
SU5_serv	BOBJ1	65	186.26	After	Interior Girder 6	62.42	0.95	1	1	5.242386
SU5_serv	BOBJ1	66	191.26	Before	Left Exterior Girder	67.42	0.95	1	1	5.009556
SU5_serv	BOBJ1	66	191.26	Before	Interior Girder 1	67.42	0.95	1	1	3.709879
SU5_serv	BOBJ1	66	191.26	Before	Interior Girder 2	67.42	0.95	1	1	3.508903
SU5_serv	BOBJ1	66	191.26	Before	Interior Girder 3	67.42	0.95	1	1	2.945112
SU5_serv	BOBJ1	66	191.26	Before	Interior Girder 4	67.42	0.95	1	1	2.945112
SU5_serv	BOBJ1	66	191.26	Before	Interior Girder 5	67.42	0.95	1	1	3.508903
SU5_serv	BOBJ1	66	191.26	Before	Interior Girder 6	67.42	0.95	1	1	3.709879
SU5_serv	BOBJ1	66	191.26	Before	Right Exterior Girder	67.42	0.95	1	1	5.009556
SU5_serv	BOBJ1	67	191.26	After	Left Exterior Girder	0	0.95	1	1	5.050698
SU5_serv	BOBJ1	67	191.26	After	Interior Girder 1	0	0.95	1	1	3.779293
SU5_serv	BOBJ1	67	191.26	After	Interior Girder 2	0	0.95	1	1	3.540887
SU5_serv	BOBJ1	67	191.26	After	Interior Girder 3	0	0.95	1	1	2.951877
SU5_serv	BOBJ1	67	191.26	After	Interior Girder 4	0	0.95	1	1	2.951877
SU5_serv	BOBJ1	67	191.26	After	Interior Girder 5	0	0.95	1	1	3.540887
SU5_serv	BOBJ1	67	191.26	After	Interior Girder 6	0	0.95	1	1	3.779293
SU5_serv	BOBJ1	67	191.26	After	Right Exterior Girder	0	0.95	1	1	5.050698
SU5_serv	BOBJ1	68	196.26	Before	Interior Girder 1	5	0.95	1	1	5.138303

TABLE: Bridge Super Rating AASHTORATE18 31 - SteelICompServ-Flx - Approach, Span 7-11										
Request	BridgeObj	BridgeCut	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	Unitless	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
SU5_serv	BOBJ1	68	196.26	Before	Interior Girder 2	5	0.95	1	1	4.963939
SU5_serv	BOBJ1	68	196.26	Before	Interior Girder 3	5	0.95	1	1	4.72749
SU5_serv	BOBJ1	68	196.26	Before	Interior Girder 4	5	0.95	1	1	4.72749
SU5_serv	BOBJ1	68	196.26	Before	Interior Girder 5	5	0.95	1	1	4.963939
SU5_serv	BOBJ1	68	196.26	Before	Interior Girder 6	5	0.95	1	1	5.138303
SU5_serv	BOBJ1	69	196.26	After	Interior Girder 1	5	0.95	1	1	3.675707
SU5_serv	BOBJ1	69	196.26	After	Interior Girder 2	5	0.95	1	1	3.634465
SU5_serv	BOBJ1	69	196.26	After	Interior Girder 3	5	0.95	1	1	3.423391
SU5_serv	BOBJ1	69	196.26	After	Interior Girder 4	5	0.95	1	1	3.423391
SU5_serv	BOBJ1	69	196.26	After	Interior Girder 5	5	0.95	1	1	3.634465
SU5_serv	BOBJ1	69	196.26	After	Interior Girder 6	5	0.95	1	1	3.675707
SU5_serv	BOBJ1	70	198.76	Before	Left Exterior Girder	7.5	0.95	1	1	7.620378
SU5_serv	BOBJ1	70	198.76	Before	Right Exterior Girder	7.5	0.95	1	1	7.620378
SU5_serv	BOBJ1	71	198.76	After	Left Exterior Girder	7.5	0.95	1	1	3.838438
SU5_serv	BOBJ1	71	198.76	After	Right Exterior Girder	7.5	0.95	1	1	3.838438
SU5_serv	BOBJ1	72	199.685	Before	Left Exterior Girder	8.425	0.95	1	1	4.119215
SU5_serv	BOBJ1	72	199.685	Before	Interior Girder 1	8.425	0.95	1	1	4.349242
SU5_serv	BOBJ1	72	199.685	Before	Interior Girder 2	8.425	0.95	1	1	4.33251
SU5_serv	BOBJ1	72	199.685	Before	Interior Girder 3	8.425	0.95	1	1	4.241953
SU5_serv	BOBJ1	72	199.685	Before	Interior Girder 4	8.425	0.95	1	1	4.241953
SU5_serv	BOBJ1	72	199.685	Before	Interior Girder 5	8.425	0.95	1	1	4.33251
SU5_serv	BOBJ1	72	199.685	Before	Interior Girder 6	8.425	0.95	1	1	4.349242
SU5_serv	BOBJ1	72	199.685	Before	Right Exterior Girder	8.425	0.95	1	1	4.119215
SU5_serv	BOBJ1	73	199.685	After	Left Exterior Girder	8.425	0.95	1	1	4.030949
SU5_serv	BOBJ1	73	199.685	After	Interior Girder 1	8.425	0.95	1	1	4.425239
SU5_serv	BOBJ1	73	199.685	After	Interior Girder 2	8.425	0.95	1	1	4.373668
SU5_serv	BOBJ1	73	199.685	After	Interior Girder 3	8.425	0.95	1	1	4.256034
SU5_serv	BOBJ1	73	199.685	After	Interior Girder 4	8.425	0.95	1	1	4.256034
SU5_serv	BOBJ1	73	199.685	After	Interior Girder 5	8.425	0.95	1	1	4.373668
SU5_serv	BOBJ1	73	199.685	After	Interior Girder 6	8.425	0.95	1	1	4.425239
SU5_serv	BOBJ1	73	199.685	After	Right Exterior Girder	8.425	0.95	1	1	4.030949
SU5_serv	BOBJ1	74	208.11	Before	Left Exterior Girder	16.85	0.95	1	1	5.845935
SU5_serv	BOBJ1	74	208.11	Before	Interior Girder 1	16.85	0.95	1	1	5.113731
SU5_serv	BOBJ1	74	208.11	Before	Interior Girder 2	16.85	0.95	1	1	4.699683
SU5_serv	BOBJ1	74	208.11	Before	Interior Girder 3	16.85	0.95	1	1	4.585656
SU5_serv	BOBJ1	74	208.11	Before	Interior Girder 4	16.85	0.95	1	1	4.585656
SU5_serv	BOBJ1	74	208.11	Before	Interior Girder 5	16.85	0.95	1	1	4.699683
SU5_serv	BOBJ1	74	208.11	Before	Interior Girder 6	16.85	0.95	1	1	5.113731
SU5_serv	BOBJ1	74	208.11	Before	Right Exterior Girder	16.85	0.95	1	1	5.845935
SU5_serv	BOBJ1	75	208.11	After	Left Exterior Girder	16.85	0.95	1	1	5.981829
SU5_serv	BOBJ1	75	208.11	After	Interior Girder 1	16.85	0.95	1	1	5.036192
SU5_serv	BOBJ1	75	208.11	After	Interior Girder 2	16.85	0.95	1	1	4.703123
SU5_serv	BOBJ1	75	208.11	After	Interior Girder 3	16.85	0.95	1	1	4.655537
SU5_serv	BOBJ1	75	208.11	After	Interior Girder 4	16.85	0.95	1	1	4.655537
SU5_serv	BOBJ1	75	208.11	After	Interior Girder 5	16.85	0.95	1	1	4.703123
SU5_serv	BOBJ1	75	208.11	After	Interior Girder 6	16.85	0.95	1	1	5.036192
SU5_serv	BOBJ1	75	208.11	After	Right Exterior Girder	16.85	0.95	1	1	5.981829
SU5_serv	BOBJ1	76	216.535	Before	Left Exterior Girder	25.275	0.95	1	1	3.814747
SU5_serv	BOBJ1	76	216.535	Before	Interior Girder 1	25.275	0.95	1	1	3.189582
SU5_serv	BOBJ1	76	216.535	Before	Interior Girder 2	25.275	0.95	1	1	3.079838
SU5_serv	BOBJ1	76	216.535	Before	Interior Girder 3	25.275	0.95	1	1	3.005197
SU5_serv	BOBJ1	76	216.535	Before	Interior Girder 4	25.275	0.95	1	1	3.005197
SU5_serv	BOBJ1	76	216.535	Before	Interior Girder 5	25.275	0.95	1	1	3.079838
SU5_serv	BOBJ1	76	216.535	Before	Interior Girder 6	25.275	0.95	1	1	3.189582
SU5_serv	BOBJ1	76	216.535	Before	Right Exterior Girder	25.275	0.95	1	1	3.814747
SU5_serv	BOBJ1	77	216.535	After	Left Exterior Girder	25.275	0.95	1	1	3.857092
SU5_serv	BOBJ1	77	216.535	After	Interior Girder 1	25.275	0.95	1	1	3.166189
SU5_serv	BOBJ1	77	216.535	After	Interior Girder 2	25.275	0.95	1	1	3.08032
SU5_serv	BOBJ1	77	216.535	After	Interior Girder 3	25.275	0.95	1	1	3.030676
SU5_serv	BOBJ1	77	216.535	After	Interior Girder 4	25.275	0.95	1	1	3.030676
SU5_serv	BOBJ1	77	216.535	After	Interior Girder 5	25.275	0.95	1	1	3.08032
SU5_serv	BOBJ1	77	216.535	After	Interior Girder 6	25.275	0.95	1	1	3.166189
SU5_serv	BOBJ1	77	216.535	After	Right Exterior Girder	25.275	0.95	1	1	3.857092
SU5_serv	BOBJ1	78	224.96	Before	Left Exterior Girder	33.7	0.95	1	1	3.166519
SU5_serv	BOBJ1	78	224.96	Before	Interior Girder 1	33.7	0.95	1	1	3.055895
SU5_serv	BOBJ1	78	224.96	Before	Interior Girder 2	33.7	0.95	1	1	2.959661
SU5_serv	BOBJ1	78	224.96	Before	Interior Girder 3	33.7	0.95	1	1	2.982641
SU5_serv	BOBJ1	78	224.96	Before	Interior Girder 4	33.7	0.95	1	1	2.982641
SU5_serv	BOBJ1	78	224.96	Before	Interior Girder 5	33.7	0.95	1	1	2.959661
SU5_serv	BOBJ1	78	224.96	Before	Interior Girder 6	33.7	0.95	1	1	3.055895
SU5_serv	BOBJ1	78	224.96	Before	Right Exterior Girder	33.7	0.95	1	1	3.166519
SU5_serv	BOBJ1	79	224.96	After	Left Exterior Girder	33.7	0.95	1	1	3.163599
SU5_serv	BOBJ1	79	224.96	After	Interior Girder 1	33.7	0.95	1	1	3.05404

TABLE: Bridge Super Rating AASHTORATE18 31 - SteelICompServ-Flx - Approach, Span 7-11										
Request	BridgeObj	BridgeCut	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	Unitless	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
SU5_serv	BOBJ1	79	224.96	After	Interior Girder 2	33.7	0.95	1	1	2.961957
SU5_serv	BOBJ1	79	224.96	After	Interior Girder 3	33.7	0.95	1	1	2.982447
SU5_serv	BOBJ1	79	224.96	After	Interior Girder 4	33.7	0.95	1	1	2.982447
SU5_serv	BOBJ1	79	224.96	After	Interior Girder 5	33.7	0.95	1	1	2.961957
SU5_serv	BOBJ1	79	224.96	After	Interior Girder 6	33.7	0.95	1	1	3.05404
SU5_serv	BOBJ1	79	224.96	After	Right Exterior Girder	33.7	0.95	1	1	3.163599
SU5_serv	BOBJ1	80	233.385	Before	Left Exterior Girder	42.125	0.95	1	1	3.949434
SU5_serv	BOBJ1	80	233.385	Before	Interior Girder 1	42.125	0.95	1	1	3.199742
SU5_serv	BOBJ1	80	233.385	Before	Interior Girder 2	42.125	0.95	1	1	3.101922
SU5_serv	BOBJ1	80	233.385	Before	Interior Girder 3	42.125	0.95	1	1	3.045486
SU5_serv	BOBJ1	80	233.385	Before	Interior Girder 4	42.125	0.95	1	1	3.045486
SU5_serv	BOBJ1	80	233.385	Before	Interior Girder 5	42.125	0.95	1	1	3.101922
SU5_serv	BOBJ1	80	233.385	Before	Interior Girder 6	42.125	0.95	1	1	3.199742
SU5_serv	BOBJ1	80	233.385	Before	Right Exterior Girder	42.125	0.95	1	1	3.949434
SU5_serv	BOBJ1	81	233.385	After	Left Exterior Girder	42.125	0.95	1	1	3.897303
SU5_serv	BOBJ1	81	233.385	After	Interior Girder 1	42.125	0.95	1	1	3.225921
SU5_serv	BOBJ1	81	233.385	After	Interior Girder 2	42.125	0.95	1	1	3.102759
SU5_serv	BOBJ1	81	233.385	After	Interior Girder 3	42.125	0.95	1	1	3.019984
SU5_serv	BOBJ1	81	233.385	After	Interior Girder 4	42.125	0.95	1	1	3.019984
SU5_serv	BOBJ1	81	233.385	After	Interior Girder 5	42.125	0.95	1	1	3.102759
SU5_serv	BOBJ1	81	233.385	After	Interior Girder 6	42.125	0.95	1	1	3.225921
SU5_serv	BOBJ1	81	233.385	After	Right Exterior Girder	42.125	0.95	1	1	3.897303
SU5_serv	BOBJ1	82	241.81	Before	Left Exterior Girder	50.55	0.95	1	1	6.308971
SU5_serv	BOBJ1	82	241.81	Before	Interior Girder 1	50.55	0.95	1	1	5.205428
SU5_serv	BOBJ1	82	241.81	Before	Interior Girder 2	50.55	0.95	1	1	4.809123
SU5_serv	BOBJ1	82	241.81	Before	Interior Girder 3	50.55	0.95	1	1	4.762499
SU5_serv	BOBJ1	82	241.81	Before	Interior Girder 4	50.55	0.95	1	1	4.762499
SU5_serv	BOBJ1	82	241.81	Before	Interior Girder 5	50.55	0.95	1	1	4.809123
SU5_serv	BOBJ1	82	241.81	Before	Interior Girder 6	50.55	0.95	1	1	5.205428
SU5_serv	BOBJ1	82	241.81	Before	Right Exterior Girder	50.55	0.95	1	1	6.308971
SU5_serv	BOBJ1	83	241.81	After	Left Exterior Girder	50.55	0.95	1	1	6.173119
SU5_serv	BOBJ1	83	241.81	After	Interior Girder 1	50.55	0.95	1	1	5.291143
SU5_serv	BOBJ1	83	241.81	After	Interior Girder 2	50.55	0.95	1	1	4.834634
SU5_serv	BOBJ1	83	241.81	After	Interior Girder 3	50.55	0.95	1	1	4.745533
SU5_serv	BOBJ1	83	241.81	After	Interior Girder 4	50.55	0.95	1	1	4.745533
SU5_serv	BOBJ1	83	241.81	After	Interior Girder 5	50.55	0.95	1	1	4.834634
SU5_serv	BOBJ1	83	241.81	After	Interior Girder 6	50.55	0.95	1	1	5.291143
SU5_serv	BOBJ1	83	241.81	After	Right Exterior Girder	50.55	0.95	1	1	6.173119
SU5_serv	BOBJ1	84	245.18	Before	Left Exterior Girder	53.92	0.95	1	1	6.089183
SU5_serv	BOBJ1	84	245.18	Before	Interior Girder 1	53.92	0.95	1	1	6.19344
SU5_serv	BOBJ1	84	245.18	Before	Interior Girder 2	53.92	0.95	1	1	6.019392
SU5_serv	BOBJ1	84	245.18	Before	Interior Girder 3	53.92	0.95	1	1	5.916709
SU5_serv	BOBJ1	84	245.18	Before	Interior Girder 4	53.92	0.95	1	1	5.916709
SU5_serv	BOBJ1	84	245.18	Before	Interior Girder 5	53.92	0.95	1	1	6.019392
SU5_serv	BOBJ1	84	245.18	Before	Interior Girder 6	53.92	0.95	1	1	6.19344
SU5_serv	BOBJ1	84	245.18	Before	Right Exterior Girder	53.92	0.95	1	1	6.089183
SU5_serv	BOBJ1	85	245.18	After	Left Exterior Girder	53.92	0.95	1	1	7.083884
SU5_serv	BOBJ1	85	245.18	After	Interior Girder 1	53.92	0.95	1	1	6.626403
SU5_serv	BOBJ1	85	245.18	After	Interior Girder 2	53.92	0.95	1	1	6.327801
SU5_serv	BOBJ1	85	245.18	After	Interior Girder 3	53.92	0.95	1	1	6.15536
SU5_serv	BOBJ1	85	245.18	After	Interior Girder 4	53.92	0.95	1	1	6.15536
SU5_serv	BOBJ1	85	245.18	After	Interior Girder 5	53.92	0.95	1	1	6.327801
SU5_serv	BOBJ1	85	245.18	After	Interior Girder 6	53.92	0.95	1	1	6.626403
SU5_serv	BOBJ1	85	245.18	After	Right Exterior Girder	53.92	0.95	1	1	7.083884
SU5_serv	BOBJ1	86	250.245	Before	Left Exterior Girder	58.985	0.95	1	1	5.379887
SU5_serv	BOBJ1	86	250.245	Before	Interior Girder 1	58.985	0.95	1	1	5.332837
SU5_serv	BOBJ1	86	250.245	Before	Interior Girder 2	58.985	0.95	1	1	5.087493
SU5_serv	BOBJ1	86	250.245	Before	Interior Girder 3	58.985	0.95	1	1	4.921772
SU5_serv	BOBJ1	86	250.245	Before	Interior Girder 4	58.985	0.95	1	1	4.921772
SU5_serv	BOBJ1	86	250.245	Before	Interior Girder 5	58.985	0.95	1	1	5.087493
SU5_serv	BOBJ1	86	250.245	Before	Interior Girder 6	58.985	0.95	1	1	5.332837
SU5_serv	BOBJ1	86	250.245	Before	Right Exterior Girder	58.985	0.95	1	1	5.379887
SU5_serv	BOBJ1	87	250.245	After	Left Exterior Girder	58.985	0.95	1	1	5.428274
SU5_serv	BOBJ1	87	250.245	After	Interior Girder 1	58.985	0.95	1	1	5.277823
SU5_serv	BOBJ1	87	250.245	After	Interior Girder 2	58.985	0.95	1	1	5.036523
SU5_serv	BOBJ1	87	250.245	After	Interior Girder 3	58.985	0.95	1	1	4.889464
SU5_serv	BOBJ1	87	250.245	After	Interior Girder 4	58.985	0.95	1	1	4.889464
SU5_serv	BOBJ1	87	250.245	After	Interior Girder 5	58.985	0.95	1	1	5.036523
SU5_serv	BOBJ1	87	250.245	After	Interior Girder 6	58.985	0.95	1	1	5.277823
SU5_serv	BOBJ1	87	250.245	After	Right Exterior Girder	58.985	0.95	1	1	5.428274
SU5_serv	BOBJ1	88	251.68	Before	Left Exterior Girder	60.42	0.95	1	1	4.961329
SU5_serv	BOBJ1	88	251.68	Before	Right Exterior Girder	60.42	0.95	1	1	4.961329
SU5_serv	BOBJ1	89	251.68	After	Left Exterior Girder	60.42	0.95	1	1	8.610957

TABLE: Bridge Super Rating AASHTORATE18 31 - SteelICompServ-Flx - Approach, Span 7-11										
Request	BridgeObj	BridgeCut	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	Unitless	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
SU5_serv	BOBJ1	89	251.68	After	Right Exterior Girder	60.42	0.95	1	1	8.610957
SU5_serv	BOBJ1	90	254.18	Before	Interior Girder 1	62.92	0.95	1	1	4.328152
SU5_serv	BOBJ1	90	254.18	Before	Interior Girder 2	62.92	0.95	1	1	4.13005
SU5_serv	BOBJ1	90	254.18	Before	Interior Girder 3	62.92	0.95	1	1	3.775611
SU5_serv	BOBJ1	90	254.18	Before	Interior Girder 4	62.92	0.95	1	1	3.775611
SU5_serv	BOBJ1	90	254.18	Before	Interior Girder 5	62.92	0.95	1	1	4.13005
SU5_serv	BOBJ1	90	254.18	Before	Interior Girder 6	62.92	0.95	1	1	4.328152
SU5_serv	BOBJ1	91	254.18	After	Interior Girder 1	62.92	0.95	1	1	5.291483
SU5_serv	BOBJ1	91	254.18	After	Interior Girder 2	62.92	0.95	1	1	4.953731
SU5_serv	BOBJ1	91	254.18	After	Interior Girder 3	62.92	0.95	1	1	4.562886
SU5_serv	BOBJ1	91	254.18	After	Interior Girder 4	62.92	0.95	1	1	4.562886
SU5_serv	BOBJ1	91	254.18	After	Interior Girder 5	62.92	0.95	1	1	4.953731
SU5_serv	BOBJ1	91	254.18	After	Interior Girder 6	62.92	0.95	1	1	5.291483
SU5_serv	BOBJ1	92	258.68	Before	Left Exterior Girder	67.42	0.95	1	1	4.890891
SU5_serv	BOBJ1	92	258.68	Before	Interior Girder 1	67.42	0.95	1	1	3.360971
SU5_serv	BOBJ1	92	258.68	Before	Interior Girder 2	67.42	0.95	1	1	3.187345
SU5_serv	BOBJ1	92	258.68	Before	Interior Girder 3	67.42	0.95	1	1	2.705769
SU5_serv	BOBJ1	92	258.68	Before	Interior Girder 4	67.42	0.95	1	1	2.705769
SU5_serv	BOBJ1	92	258.68	Before	Interior Girder 5	67.42	0.95	1	1	3.187345
SU5_serv	BOBJ1	92	258.68	Before	Interior Girder 6	67.42	0.95	1	1	3.360971
SU5_serv	BOBJ1	92	258.68	Before	Right Exterior Girder	67.42	0.95	1	1	4.890891
SU5_serv	BOBJ1	93	258.68	After	Left Exterior Girder	0	0.95	1	1	4.999892
SU5_serv	BOBJ1	93	258.68	After	Interior Girder 1	0	0.95	1	1	3.576668
SU5_serv	BOBJ1	93	258.68	After	Interior Girder 2	0	0.95	1	1	3.31787
SU5_serv	BOBJ1	93	258.68	After	Interior Girder 3	0	0.95	1	1	2.755524
SU5_serv	BOBJ1	93	258.68	After	Interior Girder 4	0	0.95	1	1	2.755524
SU5_serv	BOBJ1	93	258.68	After	Interior Girder 5	0	0.95	1	1	3.31787
SU5_serv	BOBJ1	93	258.68	After	Interior Girder 6	0	0.95	1	1	3.576668
SU5_serv	BOBJ1	93	258.68	After	Right Exterior Girder	0	0.95	1	1	4.999892
SU5_serv	BOBJ1	94	263.18	Before	Interior Girder 1	4.5	0.95	1	1	4.6133
SU5_serv	BOBJ1	94	263.18	Before	Interior Girder 2	4.5	0.95	1	1	4.438905
SU5_serv	BOBJ1	94	263.18	Before	Interior Girder 3	4.5	0.95	1	1	4.201302
SU5_serv	BOBJ1	94	263.18	Before	Interior Girder 4	4.5	0.95	1	1	4.201302
SU5_serv	BOBJ1	94	263.18	Before	Interior Girder 5	4.5	0.95	1	1	4.438905
SU5_serv	BOBJ1	94	263.18	Before	Interior Girder 6	4.5	0.95	1	1	4.6133
SU5_serv	BOBJ1	95	263.18	After	Interior Girder 1	4.5	0.95	1	1	3.758759
SU5_serv	BOBJ1	95	263.18	After	Interior Girder 2	4.5	0.95	1	1	3.700389
SU5_serv	BOBJ1	95	263.18	After	Interior Girder 3	4.5	0.95	1	1	3.476645
SU5_serv	BOBJ1	95	263.18	After	Interior Girder 4	4.5	0.95	1	1	3.476645
SU5_serv	BOBJ1	95	263.18	After	Interior Girder 5	4.5	0.95	1	1	3.700389
SU5_serv	BOBJ1	95	263.18	After	Interior Girder 6	4.5	0.95	1	1	3.758759
SU5_serv	BOBJ1	96	265.68	Before	Left Exterior Girder	7	0.95	1	1	7.071541
SU5_serv	BOBJ1	96	265.68	Before	Right Exterior Girder	7	0.95	1	1	7.071541
SU5_serv	BOBJ1	97	265.68	After	Left Exterior Girder	7	0.95	1	1	4.095029
SU5_serv	BOBJ1	97	265.68	After	Right Exterior Girder	7	0.95	1	1	4.095029
SU5_serv	BOBJ1	98	268.08	Before	Left Exterior Girder	9.4	0.95	1	1	4.777729
SU5_serv	BOBJ1	98	268.08	Before	Interior Girder 1	9.4	0.95	1	1	4.760342
SU5_serv	BOBJ1	98	268.08	Before	Interior Girder 2	9.4	0.95	1	1	4.716275
SU5_serv	BOBJ1	98	268.08	Before	Interior Girder 3	9.4	0.95	1	1	4.649837
SU5_serv	BOBJ1	98	268.08	Before	Interior Girder 4	9.4	0.95	1	1	4.649837
SU5_serv	BOBJ1	98	268.08	Before	Interior Girder 5	9.4	0.95	1	1	4.716275
SU5_serv	BOBJ1	98	268.08	Before	Interior Girder 6	9.4	0.95	1	1	4.760342
SU5_serv	BOBJ1	98	268.08	Before	Right Exterior Girder	9.4	0.95	1	1	4.777729
SU5_serv	BOBJ1	99	268.08	After	Left Exterior Girder	9.4	0.95	1	1	4.68807
SU5_serv	BOBJ1	99	268.08	After	Interior Girder 1	9.4	0.95	1	1	4.834008
SU5_serv	BOBJ1	99	268.08	After	Interior Girder 2	9.4	0.95	1	1	4.768867
SU5_serv	BOBJ1	99	268.08	After	Interior Girder 3	9.4	0.95	1	1	4.671316
SU5_serv	BOBJ1	99	268.08	After	Interior Girder 4	9.4	0.95	1	1	4.671316
SU5_serv	BOBJ1	99	268.08	After	Interior Girder 5	9.4	0.95	1	1	4.768867
SU5_serv	BOBJ1	99	268.08	After	Interior Girder 6	9.4	0.95	1	1	4.834008
SU5_serv	BOBJ1	99	268.08	After	Right Exterior Girder	9.4	0.95	1	1	4.68807
SU5_serv	BOBJ1	100	277.48	Before	Left Exterior Girder	18.8	0.95	1	1	5.06992
SU5_serv	BOBJ1	100	277.48	Before	Interior Girder 1	18.8	0.95	1	1	4.474966
SU5_serv	BOBJ1	100	277.48	Before	Interior Girder 2	18.8	0.95	1	1	4.111449
SU5_serv	BOBJ1	100	277.48	Before	Interior Girder 3	18.8	0.95	1	1	4.010981
SU5_serv	BOBJ1	100	277.48	Before	Interior Girder 4	18.8	0.95	1	1	4.010981
SU5_serv	BOBJ1	100	277.48	Before	Interior Girder 5	18.8	0.95	1	1	4.111449
SU5_serv	BOBJ1	100	277.48	Before	Interior Girder 6	18.8	0.95	1	1	4.474966
SU5_serv	BOBJ1	100	277.48	Before	Right Exterior Girder	18.8	0.95	1	1	5.06992
SU5_serv	BOBJ1	101	277.48	After	Left Exterior Girder	18.8	0.95	1	1	5.169938
SU5_serv	BOBJ1	101	277.48	After	Interior Girder 1	18.8	0.95	1	1	4.405837
SU5_serv	BOBJ1	101	277.48	After	Interior Girder 2	18.8	0.95	1	1	4.119626
SU5_serv	BOBJ1	101	277.48	After	Interior Girder 3	18.8	0.95	1	1	4.062484

TABLE: Bridge Super Rating AASHTORATE18 31 - SteelICompServ-Flx - Approach, Span 7-11										
Request	BridgeObj	BridgeCut	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	Unitless	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
SU5_serv	BOBJ1	101	277.48	After	Interior Girder 4	18.8	0.95	1	1	4.062484
SU5_serv	BOBJ1	101	277.48	After	Interior Girder 5	18.8	0.95	1	1	4.119626
SU5_serv	BOBJ1	101	277.48	After	Interior Girder 6	18.8	0.95	1	1	4.405837
SU5_serv	BOBJ1	101	277.48	After	Right Exterior Girder	18.8	0.95	1	1	5.169938
SU5_serv	BOBJ1	102	286.88	Before	Left Exterior Girder	28.2	0.95	1	1	3.710467
SU5_serv	BOBJ1	102	286.88	Before	Interior Girder 1	28.2	0.95	1	1	2.954092
SU5_serv	BOBJ1	102	286.88	Before	Interior Girder 2	28.2	0.95	1	1	2.837888
SU5_serv	BOBJ1	102	286.88	Before	Interior Girder 3	28.2	0.95	1	1	2.743167
SU5_serv	BOBJ1	102	286.88	Before	Interior Girder 4	28.2	0.95	1	1	2.743167
SU5_serv	BOBJ1	102	286.88	Before	Interior Girder 5	28.2	0.95	1	1	2.837888
SU5_serv	BOBJ1	102	286.88	Before	Interior Girder 6	28.2	0.95	1	1	2.954092
SU5_serv	BOBJ1	102	286.88	Before	Right Exterior Girder	28.2	0.95	1	1	3.710467
SU5_serv	BOBJ1	103	286.88	After	Left Exterior Girder	28.2	0.95	1	1	3.721489
SU5_serv	BOBJ1	103	286.88	After	Interior Girder 1	28.2	0.95	1	1	2.947421
SU5_serv	BOBJ1	103	286.88	After	Interior Girder 2	28.2	0.95	1	1	2.84201
SU5_serv	BOBJ1	103	286.88	After	Interior Girder 3	28.2	0.95	1	1	2.754861
SU5_serv	BOBJ1	103	286.88	After	Interior Girder 4	28.2	0.95	1	1	2.754861
SU5_serv	BOBJ1	103	286.88	After	Interior Girder 5	28.2	0.95	1	1	2.84201
SU5_serv	BOBJ1	103	286.88	After	Interior Girder 6	28.2	0.95	1	1	2.947421
SU5_serv	BOBJ1	103	286.88	After	Right Exterior Girder	28.2	0.95	1	1	3.721489
SU5_serv	BOBJ1	104	296.28	Before	Left Exterior Girder	37.6	0.95	1	1	3.416688
SU5_serv	BOBJ1	104	296.28	Before	Interior Girder 1	37.6	0.95	1	1	3.102258
SU5_serv	BOBJ1	104	296.28	Before	Interior Girder 2	37.6	0.95	1	1	2.953063
SU5_serv	BOBJ1	104	296.28	Before	Interior Girder 3	37.6	0.95	1	1	2.929509
SU5_serv	BOBJ1	104	296.28	Before	Interior Girder 4	37.6	0.95	1	1	2.929509
SU5_serv	BOBJ1	104	296.28	Before	Interior Girder 5	37.6	0.95	1	1	2.953063
SU5_serv	BOBJ1	104	296.28	Before	Interior Girder 6	37.6	0.95	1	1	3.102258
SU5_serv	BOBJ1	104	296.28	Before	Right Exterior Girder	37.6	0.95	1	1	3.416688
SU5_serv	BOBJ1	105	296.28	After	Left Exterior Girder	37.6	0.95	1	1	3.377613
SU5_serv	BOBJ1	105	296.28	After	Interior Girder 1	37.6	0.95	1	1	3.131479
SU5_serv	BOBJ1	105	296.28	After	Interior Girder 2	37.6	0.95	1	1	2.947766
SU5_serv	BOBJ1	105	296.28	After	Interior Girder 3	37.6	0.95	1	1	2.908709
SU5_serv	BOBJ1	105	296.28	After	Interior Girder 4	37.6	0.95	1	1	2.908709
SU5_serv	BOBJ1	105	296.28	After	Interior Girder 5	37.6	0.95	1	1	2.947766
SU5_serv	BOBJ1	105	296.28	After	Interior Girder 6	37.6	0.95	1	1	3.131479
SU5_serv	BOBJ1	105	296.28	After	Right Exterior Girder	37.6	0.95	1	1	3.377613
SU5_serv	BOBJ1	106	305.69	Before	Left Exterior Girder	47.01	0.95	1	1	6.052953
SU5_serv	BOBJ1	106	305.69	Before	Interior Girder 1	47.01	0.95	1	1	4.33183
SU5_serv	BOBJ1	106	305.69	Before	Interior Girder 2	47.01	0.95	1	1	4.123915
SU5_serv	BOBJ1	106	305.69	Before	Interior Girder 3	47.01	0.95	1	1	3.902404
SU5_serv	BOBJ1	106	305.69	Before	Interior Girder 4	47.01	0.95	1	1	3.902404
SU5_serv	BOBJ1	106	305.69	Before	Interior Girder 5	47.01	0.95	1	1	4.123915
SU5_serv	BOBJ1	106	305.69	Before	Interior Girder 6	47.01	0.95	1	1	4.33183
SU5_serv	BOBJ1	106	305.69	Before	Right Exterior Girder	47.01	0.95	1	1	6.052953
SU5_serv	BOBJ1	107	305.69	After	Left Exterior Girder	47.01	0.95	1	1	6.041617
SU5_serv	BOBJ1	107	305.69	After	Interior Girder 1	47.01	0.95	1	1	4.34051
SU5_serv	BOBJ1	107	305.69	After	Interior Girder 2	47.01	0.95	1	1	4.053437
SU5_serv	BOBJ1	107	305.69	After	Interior Girder 3	47.01	0.95	1	1	3.772442
SU5_serv	BOBJ1	107	305.69	After	Interior Girder 4	47.01	0.95	1	1	3.772442
SU5_serv	BOBJ1	107	305.69	After	Interior Girder 5	47.01	0.95	1	1	4.053437
SU5_serv	BOBJ1	107	305.69	After	Interior Girder 6	47.01	0.95	1	1	4.34051
SU5_serv	BOBJ1	107	305.69	After	Right Exterior Girder	47.01	0.95	1	1	6.041617
SU5_serv	BOBJ1	108	315.1	Before	Left Exterior Girder	56.42	0.95	1	1	329.136982
SU5_serv	BOBJ1	108	315.1	Before	Interior Girder 1	56.42	0.95	1	1	409.222572
SU5_serv	BOBJ1	108	315.1	Before	Interior Girder 2	56.42	0.95	1	1	209.267477
SU5_serv	BOBJ1	108	315.1	Before	Interior Girder 3	56.42	0.95	1	1	152.745446
SU5_serv	BOBJ1	108	315.1	Before	Interior Girder 4	56.42	0.95	1	1	152.745445
SU5_serv	BOBJ1	108	315.1	Before	Interior Girder 5	56.42	0.95	1	1	209.267478
SU5_serv	BOBJ1	108	315.1	Before	Interior Girder 6	56.42	0.95	1	1	409.222571
SU5_serv	BOBJ1	108	315.1	Before	Right Exterior Girder	56.42	0.95	1	1	329.136983
SU6_serv	BOBJ1	1	0	After	Left Exterior Girder	0	0.95	1	1	290.171489
SU6_serv	BOBJ1	1	0	After	Interior Girder 1	0	0.95	1	1	357.174135
SU6_serv	BOBJ1	1	0	After	Interior Girder 2	0	0.95	1	1	196.535366
SU6_serv	BOBJ1	1	0	After	Interior Girder 3	0	0.95	1	1	135.866537
SU6_serv	BOBJ1	1	0	After	Interior Girder 4	0	0.95	1	1	135.866537
SU6_serv	BOBJ1	1	0	After	Interior Girder 5	0	0.95	1	1	196.535366
SU6_serv	BOBJ1	1	0	After	Interior Girder 6	0	0.95	1	1	357.174139
SU6_serv	BOBJ1	1	0	After	Right Exterior Girder	0	0.95	1	1	290.171489
SU6_serv	BOBJ1	2	9.4	Before	Left Exterior Girder	9.4	0.95	1	1	5.534206
SU6_serv	BOBJ1	2	9.4	Before	Interior Girder 1	9.4	0.95	1	1	3.9325
SU6_serv	BOBJ1	2	9.4	Before	Interior Girder 2	9.4	0.95	1	1	3.666354
SU6_serv	BOBJ1	2	9.4	Before	Interior Girder 3	9.4	0.95	1	1	3.404891
SU6_serv	BOBJ1	2	9.4	Before	Interior Girder 4	9.4	0.95	1	1	3.404891

TABLE: Bridge Super Rating AASHTORATE18 31 - SteelICompServ-Flx - Approach, Span 7-11										
Request	BridgeObj	BridgeCut	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	Unitless	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
SU6_serv	BOBJ1	2	9.4	Before	Interior Girder 5	9.4	0.95	1	1	3.666354
SU6_serv	BOBJ1	2	9.4	Before	Interior Girder 6	9.4	0.95	1	1	3.9325
SU6_serv	BOBJ1	2	9.4	Before	Right Exterior Girder	9.4	0.95	1	1	5.534206
SU6_serv	BOBJ1	3	9.4	After	Left Exterior Girder	9.4	0.95	1	1	5.538672
SU6_serv	BOBJ1	3	9.4	After	Interior Girder 1	9.4	0.95	1	1	3.92296
SU6_serv	BOBJ1	3	9.4	After	Interior Girder 2	9.4	0.95	1	1	3.737529
SU6_serv	BOBJ1	3	9.4	After	Interior Girder 3	9.4	0.95	1	1	3.527832
SU6_serv	BOBJ1	3	9.4	After	Interior Girder 4	9.4	0.95	1	1	3.527832
SU6_serv	BOBJ1	3	9.4	After	Interior Girder 5	9.4	0.95	1	1	3.737529
SU6_serv	BOBJ1	3	9.4	After	Interior Girder 6	9.4	0.95	1	1	3.92296
SU6_serv	BOBJ1	3	9.4	After	Right Exterior Girder	9.4	0.95	1	1	5.538672
SU6_serv	BOBJ1	4	18.8	Before	Left Exterior Girder	18.8	0.95	1	1	3.070394
SU6_serv	BOBJ1	4	18.8	Before	Interior Girder 1	18.8	0.95	1	1	2.868839
SU6_serv	BOBJ1	4	18.8	Before	Interior Girder 2	18.8	0.95	1	1	2.699837
SU6_serv	BOBJ1	4	18.8	Before	Interior Girder 3	18.8	0.95	1	1	2.669711
SU6_serv	BOBJ1	4	18.8	Before	Interior Girder 4	18.8	0.95	1	1	2.669711
SU6_serv	BOBJ1	4	18.8	Before	Interior Girder 5	18.8	0.95	1	1	2.699837
SU6_serv	BOBJ1	4	18.8	Before	Interior Girder 6	18.8	0.95	1	1	2.868839
SU6_serv	BOBJ1	4	18.8	Before	Right Exterior Girder	18.8	0.95	1	1	3.070394
SU6_serv	BOBJ1	5	18.8	After	Left Exterior Girder	18.8	0.95	1	1	3.107053
SU6_serv	BOBJ1	5	18.8	After	Interior Girder 1	18.8	0.95	1	1	2.840705
SU6_serv	BOBJ1	5	18.8	After	Interior Girder 2	18.8	0.95	1	1	2.704879
SU6_serv	BOBJ1	5	18.8	After	Interior Girder 3	18.8	0.95	1	1	2.686352
SU6_serv	BOBJ1	5	18.8	After	Interior Girder 4	18.8	0.95	1	1	2.686352
SU6_serv	BOBJ1	5	18.8	After	Interior Girder 5	18.8	0.95	1	1	2.704879
SU6_serv	BOBJ1	5	18.8	After	Interior Girder 6	18.8	0.95	1	1	2.840705
SU6_serv	BOBJ1	5	18.8	After	Right Exterior Girder	18.8	0.95	1	1	3.107053
SU6_serv	BOBJ1	6	28.2	Before	Left Exterior Girder	28.2	0.95	1	1	3.35076
SU6_serv	BOBJ1	6	28.2	Before	Interior Girder 1	28.2	0.95	1	1	2.666121
SU6_serv	BOBJ1	6	28.2	Before	Interior Girder 2	28.2	0.95	1	1	2.572686
SU6_serv	BOBJ1	6	28.2	Before	Interior Girder 3	28.2	0.95	1	1	2.507939
SU6_serv	BOBJ1	6	28.2	Before	Interior Girder 4	28.2	0.95	1	1	2.507939
SU6_serv	BOBJ1	6	28.2	Before	Interior Girder 5	28.2	0.95	1	1	2.572686
SU6_serv	BOBJ1	6	28.2	Before	Interior Girder 6	28.2	0.95	1	1	2.666121
SU6_serv	BOBJ1	6	28.2	Before	Right Exterior Girder	28.2	0.95	1	1	3.35076
SU6_serv	BOBJ1	7	28.2	After	Left Exterior Girder	28.2	0.95	1	1	3.342058
SU6_serv	BOBJ1	7	28.2	After	Interior Girder 1	28.2	0.95	1	1	2.675579
SU6_serv	BOBJ1	7	28.2	After	Interior Girder 2	28.2	0.95	1	1	2.571818
SU6_serv	BOBJ1	7	28.2	After	Interior Girder 3	28.2	0.95	1	1	2.501583
SU6_serv	BOBJ1	7	28.2	After	Interior Girder 4	28.2	0.95	1	1	2.501583
SU6_serv	BOBJ1	7	28.2	After	Interior Girder 5	28.2	0.95	1	1	2.571818
SU6_serv	BOBJ1	7	28.2	After	Interior Girder 6	28.2	0.95	1	1	2.675579
SU6_serv	BOBJ1	7	28.2	After	Right Exterior Girder	28.2	0.95	1	1	3.342058
SU6_serv	BOBJ1	8	37.6	Before	Left Exterior Girder	37.6	0.95	1	1	4.717636
SU6_serv	BOBJ1	8	37.6	Before	Interior Girder 1	37.6	0.95	1	1	4.05886
SU6_serv	BOBJ1	8	37.6	Before	Interior Girder 2	37.6	0.95	1	1	3.783222
SU6_serv	BOBJ1	8	37.6	Before	Interior Girder 3	37.6	0.95	1	1	3.733453
SU6_serv	BOBJ1	8	37.6	Before	Interior Girder 4	37.6	0.95	1	1	3.733453
SU6_serv	BOBJ1	8	37.6	Before	Interior Girder 5	37.6	0.95	1	1	3.783222
SU6_serv	BOBJ1	8	37.6	Before	Interior Girder 6	37.6	0.95	1	1	4.05886
SU6_serv	BOBJ1	8	37.6	Before	Right Exterior Girder	37.6	0.95	1	1	4.717636
SU6_serv	BOBJ1	9	37.6	After	Left Exterior Girder	37.6	0.95	1	1	4.624712
SU6_serv	BOBJ1	9	37.6	After	Interior Girder 1	37.6	0.95	1	1	4.124105
SU6_serv	BOBJ1	9	37.6	After	Interior Girder 2	37.6	0.95	1	1	3.781098
SU6_serv	BOBJ1	9	37.6	After	Interior Girder 3	37.6	0.95	1	1	3.691408
SU6_serv	BOBJ1	9	37.6	After	Interior Girder 4	37.6	0.95	1	1	3.691408
SU6_serv	BOBJ1	9	37.6	After	Interior Girder 5	37.6	0.95	1	1	3.781098
SU6_serv	BOBJ1	9	37.6	After	Interior Girder 6	37.6	0.95	1	1	4.124105
SU6_serv	BOBJ1	9	37.6	After	Right Exterior Girder	37.6	0.95	1	1	4.624712
SU6_serv	BOBJ1	10	47.01	Before	Left Exterior Girder	47.01	0.95	1	1	4.196455
SU6_serv	BOBJ1	10	47.01	Before	Interior Girder 1	47.01	0.95	1	1	4.33597
SU6_serv	BOBJ1	10	47.01	Before	Interior Girder 2	47.01	0.95	1	1	4.278108
SU6_serv	BOBJ1	10	47.01	Before	Interior Girder 3	47.01	0.95	1	1	4.190979
SU6_serv	BOBJ1	10	47.01	Before	Interior Girder 4	47.01	0.95	1	1	4.190979
SU6_serv	BOBJ1	10	47.01	Before	Interior Girder 5	47.01	0.95	1	1	4.278108
SU6_serv	BOBJ1	10	47.01	Before	Interior Girder 6	47.01	0.95	1	1	4.33597
SU6_serv	BOBJ1	10	47.01	Before	Right Exterior Girder	47.01	0.95	1	1	4.196455
SU6_serv	BOBJ1	11	47.01	After	Left Exterior Girder	47.01	0.95	1	1	4.276024
SU6_serv	BOBJ1	11	47.01	After	Interior Girder 1	47.01	0.95	1	1	4.270988
SU6_serv	BOBJ1	11	47.01	After	Interior Girder 2	47.01	0.95	1	1	4.230991
SU6_serv	BOBJ1	11	47.01	After	Interior Girder 3	47.01	0.95	1	1	4.172495
SU6_serv	BOBJ1	11	47.01	After	Interior Girder 4	47.01	0.95	1	1	4.172495
SU6_serv	BOBJ1	11	47.01	After	Interior Girder 5	47.01	0.95	1	1	4.230991

TABLE: Bridge Super Rating AASHTORATE18 31 - SteelICompServ-Flx - Approach, Span 7-11										
Request	BridgeObj	BridgeCut	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	Unitless	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
SU6_serv	BOBJ1	11	47.01	After	Interior Girder 6	47.01	0.95	1	1	4.270988
SU6_serv	BOBJ1	11	47.01	After	Right Exterior Girder	47.01	0.95	1	1	4.276024
SU6_serv	BOBJ1	12	49.42	Before	Left Exterior Girder	49.42	0.95	1	1	3.649294
SU6_serv	BOBJ1	12	49.42	Before	Right Exterior Girder	49.42	0.95	1	1	3.649294
SU6_serv	BOBJ1	13	49.42	After	Left Exterior Girder	49.42	0.95	1	1	6.308572
SU6_serv	BOBJ1	13	49.42	After	Right Exterior Girder	49.42	0.95	1	1	6.308572
SU6_serv	BOBJ1	14	51.92	Before	Interior Girder 1	51.92	0.95	1	1	3.370283
SU6_serv	BOBJ1	14	51.92	Before	Interior Girder 2	51.92	0.95	1	1	3.312888
SU6_serv	BOBJ1	14	51.92	Before	Interior Girder 3	51.92	0.95	1	1	3.120352
SU6_serv	BOBJ1	14	51.92	Before	Interior Girder 4	51.92	0.95	1	1	3.120352
SU6_serv	BOBJ1	14	51.92	Before	Interior Girder 5	51.92	0.95	1	1	3.312888
SU6_serv	BOBJ1	14	51.92	Before	Interior Girder 6	51.92	0.95	1	1	3.370283
SU6_serv	BOBJ1	15	51.92	After	Interior Girder 1	51.92	0.95	1	1	4.133432
SU6_serv	BOBJ1	15	51.92	After	Interior Girder 2	51.92	0.95	1	1	3.979568
SU6_serv	BOBJ1	15	51.92	After	Interior Girder 3	51.92	0.95	1	1	3.777709
SU6_serv	BOBJ1	15	51.92	After	Interior Girder 4	51.92	0.95	1	1	3.777709
SU6_serv	BOBJ1	15	51.92	After	Interior Girder 5	51.92	0.95	1	1	3.979568
SU6_serv	BOBJ1	15	51.92	After	Interior Girder 6	51.92	0.95	1	1	4.133432
SU6_serv	BOBJ1	16	56.42	Before	Left Exterior Girder	56.42	0.95	1	1	4.465054
SU6_serv	BOBJ1	16	56.42	Before	Interior Girder 1	56.42	0.95	1	1	3.231887
SU6_serv	BOBJ1	16	56.42	Before	Interior Girder 2	56.42	0.95	1	1	2.99123
SU6_serv	BOBJ1	16	56.42	Before	Interior Girder 3	56.42	0.95	1	1	2.497169
SU6_serv	BOBJ1	16	56.42	Before	Interior Girder 4	56.42	0.95	1	1	2.497169
SU6_serv	BOBJ1	16	56.42	Before	Interior Girder 5	56.42	0.95	1	1	2.99123
SU6_serv	BOBJ1	16	56.42	Before	Interior Girder 6	56.42	0.95	1	1	3.231887
SU6_serv	BOBJ1	16	56.42	Before	Right Exterior Girder	56.42	0.95	1	1	4.465054
SU6_serv	BOBJ1	17	56.42	After	Left Exterior Girder	0	0.95	1	1	4.366166
SU6_serv	BOBJ1	17	56.42	After	Interior Girder 1	0	0.95	1	1	3.01153
SU6_serv	BOBJ1	17	56.42	After	Interior Girder 2	0	0.95	1	1	2.869258
SU6_serv	BOBJ1	17	56.42	After	Interior Girder 3	0	0.95	1	1	2.426236
SU6_serv	BOBJ1	17	56.42	After	Interior Girder 4	0	0.95	1	1	2.426236
SU6_serv	BOBJ1	17	56.42	After	Interior Girder 5	0	0.95	1	1	2.869258
SU6_serv	BOBJ1	17	56.42	After	Interior Girder 6	0	0.95	1	1	3.01153
SU6_serv	BOBJ1	17	56.42	After	Right Exterior Girder	0	0.95	1	1	4.366166
SU6_serv	BOBJ1	18	60.92	Before	Interior Girder 1	4.5	0.95	1	1	4.757681
SU6_serv	BOBJ1	18	60.92	Before	Interior Girder 2	4.5	0.95	1	1	4.458158
SU6_serv	BOBJ1	18	60.92	Before	Interior Girder 3	4.5	0.95	1	1	4.090392
SU6_serv	BOBJ1	18	60.92	Before	Interior Girder 4	4.5	0.95	1	1	4.090392
SU6_serv	BOBJ1	18	60.92	Before	Interior Girder 5	4.5	0.95	1	1	4.458158
SU6_serv	BOBJ1	18	60.92	Before	Interior Girder 6	4.5	0.95	1	1	4.757681
SU6_serv	BOBJ1	19	60.92	After	Interior Girder 1	4.5	0.95	1	1	3.89291
SU6_serv	BOBJ1	19	60.92	After	Interior Girder 2	4.5	0.95	1	1	3.719467
SU6_serv	BOBJ1	19	60.92	After	Interior Girder 3	4.5	0.95	1	1	3.38917
SU6_serv	BOBJ1	19	60.92	After	Interior Girder 4	4.5	0.95	1	1	3.38917
SU6_serv	BOBJ1	19	60.92	After	Interior Girder 5	4.5	0.95	1	1	3.719467
SU6_serv	BOBJ1	19	60.92	After	Interior Girder 6	4.5	0.95	1	1	3.89291
SU6_serv	BOBJ1	20	63.42	Before	Left Exterior Girder	7	0.95	1	1	7.732895
SU6_serv	BOBJ1	20	63.42	Before	Right Exterior Girder	7	0.95	1	1	7.732895
SU6_serv	BOBJ1	21	63.42	After	Left Exterior Girder	7	0.95	1	1	4.450756
SU6_serv	BOBJ1	21	63.42	After	Right Exterior Girder	7	0.95	1	1	4.450756
SU6_serv	BOBJ1	22	64.845	Before	Left Exterior Girder	8.425	0.95	1	1	4.867619
SU6_serv	BOBJ1	22	64.845	Before	Interior Girder 1	8.425	0.95	1	1	4.749699
SU6_serv	BOBJ1	22	64.845	Before	Interior Girder 2	8.425	0.95	1	1	4.531737
SU6_serv	BOBJ1	22	64.845	Before	Interior Girder 3	8.425	0.95	1	1	4.392311
SU6_serv	BOBJ1	22	64.845	Before	Interior Girder 4	8.425	0.95	1	1	4.392311
SU6_serv	BOBJ1	22	64.845	Before	Interior Girder 5	8.425	0.95	1	1	4.531737
SU6_serv	BOBJ1	22	64.845	Before	Interior Girder 6	8.425	0.95	1	1	4.749699
SU6_serv	BOBJ1	22	64.845	Before	Right Exterior Girder	8.425	0.95	1	1	4.867619
SU6_serv	BOBJ1	23	64.845	After	Left Exterior Girder	8.425	0.95	1	1	4.825514
SU6_serv	BOBJ1	23	64.845	After	Interior Girder 1	8.425	0.95	1	1	4.799475
SU6_serv	BOBJ1	23	64.845	After	Interior Girder 2	8.425	0.95	1	1	4.578239
SU6_serv	BOBJ1	23	64.845	After	Interior Girder 3	8.425	0.95	1	1	4.422646
SU6_serv	BOBJ1	23	64.845	After	Interior Girder 4	8.425	0.95	1	1	4.422646
SU6_serv	BOBJ1	23	64.845	After	Interior Girder 5	8.425	0.95	1	1	4.578239
SU6_serv	BOBJ1	23	64.845	After	Interior Girder 6	8.425	0.95	1	1	4.799475
SU6_serv	BOBJ1	23	64.845	After	Right Exterior Girder	8.425	0.95	1	1	4.825514
SU6_serv	BOBJ1	24	69.92	Before	Left Exterior Girder	13.5	0.95	1	1	6.370451
SU6_serv	BOBJ1	24	69.92	Before	Interior Girder 1	13.5	0.95	1	1	5.968503
SU6_serv	BOBJ1	24	69.92	Before	Interior Girder 2	13.5	0.95	1	1	5.837382
SU6_serv	BOBJ1	24	69.92	Before	Interior Girder 3	13.5	0.95	1	1	5.752455
SU6_serv	BOBJ1	24	69.92	Before	Interior Girder 4	13.5	0.95	1	1	5.752455
SU6_serv	BOBJ1	24	69.92	Before	Interior Girder 5	13.5	0.95	1	1	5.837382
SU6_serv	BOBJ1	24	69.92	Before	Interior Girder 6	13.5	0.95	1	1	5.968503

TABLE: Bridge Super Rating AASHTORATE18 31 - SteelICompServ-Flx - Approach, Span 7-11										
Request	BridgeObj	BridgeCut	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	Unitless	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
SU6_serv	BOBJ1	24	69.92	Before	Right Exterior Girder	13.5	0.95	1	1	6.370451
SU6_serv	BOBJ1	25	69.92	After	Left Exterior Girder	13.5	0.95	1	1	5.474846
SU6_serv	BOBJ1	25	69.92	After	Interior Girder 1	13.5	0.95	1	1	5.577479
SU6_serv	BOBJ1	25	69.92	After	Interior Girder 2	13.5	0.95	1	1	5.474202
SU6_serv	BOBJ1	25	69.92	After	Interior Girder 3	13.5	0.95	1	1	5.525718
SU6_serv	BOBJ1	25	69.92	After	Interior Girder 4	13.5	0.95	1	1	5.525718
SU6_serv	BOBJ1	25	69.92	After	Interior Girder 5	13.5	0.95	1	1	5.474202
SU6_serv	BOBJ1	25	69.92	After	Interior Girder 6	13.5	0.95	1	1	5.577479
SU6_serv	BOBJ1	25	69.92	After	Right Exterior Girder	13.5	0.95	1	1	5.474846
SU6_serv	BOBJ1	26	73.27	Before	Left Exterior Girder	16.85	0.95	1	1	5.679658
SU6_serv	BOBJ1	26	73.27	Before	Interior Girder 1	16.85	0.95	1	1	4.924613
SU6_serv	BOBJ1	26	73.27	Before	Interior Girder 2	16.85	0.95	1	1	4.489133
SU6_serv	BOBJ1	26	73.27	Before	Interior Girder 3	16.85	0.95	1	1	4.412286
SU6_serv	BOBJ1	26	73.27	Before	Interior Girder 4	16.85	0.95	1	1	4.412286
SU6_serv	BOBJ1	26	73.27	Before	Interior Girder 5	16.85	0.95	1	1	4.489133
SU6_serv	BOBJ1	26	73.27	Before	Interior Girder 6	16.85	0.95	1	1	4.924613
SU6_serv	BOBJ1	26	73.27	Before	Right Exterior Girder	16.85	0.95	1	1	5.679658
SU6_serv	BOBJ1	27	73.27	After	Left Exterior Girder	16.85	0.95	1	1	5.794725
SU6_serv	BOBJ1	27	73.27	After	Interior Girder 1	16.85	0.95	1	1	4.835829
SU6_serv	BOBJ1	27	73.27	After	Interior Girder 2	16.85	0.95	1	1	4.455423
SU6_serv	BOBJ1	27	73.27	After	Interior Girder 3	16.85	0.95	1	1	4.416336
SU6_serv	BOBJ1	27	73.27	After	Interior Girder 4	16.85	0.95	1	1	4.416336
SU6_serv	BOBJ1	27	73.27	After	Interior Girder 5	16.85	0.95	1	1	4.455423
SU6_serv	BOBJ1	27	73.27	After	Interior Girder 6	16.85	0.95	1	1	4.835829
SU6_serv	BOBJ1	27	73.27	After	Right Exterior Girder	16.85	0.95	1	1	5.794725
SU6_serv	BOBJ1	28	81.695	Before	Left Exterior Girder	25.275	0.95	1	1	3.538413
SU6_serv	BOBJ1	28	81.695	Before	Interior Girder 1	25.275	0.95	1	1	2.957961
SU6_serv	BOBJ1	28	81.695	Before	Interior Girder 2	25.275	0.95	1	1	2.841315
SU6_serv	BOBJ1	28	81.695	Before	Interior Girder 3	25.275	0.95	1	1	2.770899
SU6_serv	BOBJ1	28	81.695	Before	Interior Girder 4	25.275	0.95	1	1	2.770899
SU6_serv	BOBJ1	28	81.695	Before	Interior Girder 5	25.275	0.95	1	1	2.841315
SU6_serv	BOBJ1	28	81.695	Before	Interior Girder 6	25.275	0.95	1	1	2.957961
SU6_serv	BOBJ1	28	81.695	Before	Right Exterior Girder	25.275	0.95	1	1	3.538413
SU6_serv	BOBJ1	29	81.695	After	Left Exterior Girder	25.275	0.95	1	1	3.58502
SU6_serv	BOBJ1	29	81.695	After	Interior Girder 1	25.275	0.95	1	1	2.92971
SU6_serv	BOBJ1	29	81.695	After	Interior Girder 2	25.275	0.95	1	1	2.837177
SU6_serv	BOBJ1	29	81.695	After	Interior Girder 3	25.275	0.95	1	1	2.792489
SU6_serv	BOBJ1	29	81.695	After	Interior Girder 4	25.275	0.95	1	1	2.792489
SU6_serv	BOBJ1	29	81.695	After	Interior Girder 5	25.275	0.95	1	1	2.837177
SU6_serv	BOBJ1	29	81.695	After	Interior Girder 6	25.275	0.95	1	1	2.92971
SU6_serv	BOBJ1	29	81.695	After	Right Exterior Girder	25.275	0.95	1	1	3.58502
SU6_serv	BOBJ1	30	90.12	Before	Left Exterior Girder	33.7	0.95	1	1	2.844715
SU6_serv	BOBJ1	30	90.12	Before	Interior Girder 1	33.7	0.95	1	1	2.768624
SU6_serv	BOBJ1	30	90.12	Before	Interior Girder 2	33.7	0.95	1	1	2.685383
SU6_serv	BOBJ1	30	90.12	Before	Interior Girder 3	33.7	0.95	1	1	2.715144
SU6_serv	BOBJ1	30	90.12	Before	Interior Girder 4	33.7	0.95	1	1	2.715144
SU6_serv	BOBJ1	30	90.12	Before	Interior Girder 5	33.7	0.95	1	1	2.685383
SU6_serv	BOBJ1	30	90.12	Before	Interior Girder 6	33.7	0.95	1	1	2.768624
SU6_serv	BOBJ1	30	90.12	Before	Right Exterior Girder	33.7	0.95	1	1	2.844715
SU6_serv	BOBJ1	31	90.12	After	Left Exterior Girder	33.7	0.95	1	1	2.848277
SU6_serv	BOBJ1	31	90.12	After	Interior Girder 1	33.7	0.95	1	1	2.768513
SU6_serv	BOBJ1	31	90.12	After	Interior Girder 2	33.7	0.95	1	1	2.684015
SU6_serv	BOBJ1	31	90.12	After	Interior Girder 3	33.7	0.95	1	1	2.714638
SU6_serv	BOBJ1	31	90.12	After	Interior Girder 4	33.7	0.95	1	1	2.714638
SU6_serv	BOBJ1	31	90.12	After	Interior Girder 5	33.7	0.95	1	1	2.684015
SU6_serv	BOBJ1	31	90.12	After	Interior Girder 6	33.7	0.95	1	1	2.768513
SU6_serv	BOBJ1	31	90.12	After	Right Exterior Girder	33.7	0.95	1	1	2.848277
SU6_serv	BOBJ1	32	98.545	Before	Left Exterior Girder	42.125	0.95	1	1	3.492705
SU6_serv	BOBJ1	32	98.545	Before	Interior Girder 1	42.125	0.95	1	1	2.894782
SU6_serv	BOBJ1	32	98.545	Before	Interior Girder 2	42.125	0.95	1	1	2.814452
SU6_serv	BOBJ1	32	98.545	Before	Interior Girder 3	42.125	0.95	1	1	2.775243
SU6_serv	BOBJ1	32	98.545	Before	Interior Girder 4	42.125	0.95	1	1	2.775243
SU6_serv	BOBJ1	32	98.545	Before	Interior Girder 5	42.125	0.95	1	1	2.814452
SU6_serv	BOBJ1	32	98.545	Before	Interior Girder 6	42.125	0.95	1	1	2.894782
SU6_serv	BOBJ1	32	98.545	Before	Right Exterior Girder	42.125	0.95	1	1	3.492705
SU6_serv	BOBJ1	33	98.545	After	Left Exterior Girder	42.125	0.95	1	1	3.456032
SU6_serv	BOBJ1	33	98.545	After	Interior Girder 1	42.125	0.95	1	1	2.920056
SU6_serv	BOBJ1	33	98.545	After	Interior Girder 2	42.125	0.95	1	1	2.817144
SU6_serv	BOBJ1	33	98.545	After	Interior Girder 3	42.125	0.95	1	1	2.754894
SU6_serv	BOBJ1	33	98.545	After	Interior Girder 4	42.125	0.95	1	1	2.754894
SU6_serv	BOBJ1	33	98.545	After	Interior Girder 5	42.125	0.95	1	1	2.817144
SU6_serv	BOBJ1	33	98.545	After	Interior Girder 6	42.125	0.95	1	1	2.920056
SU6_serv	BOBJ1	33	98.545	After	Right Exterior Girder	42.125	0.95	1	1	3.456032

TABLE: Bridge Super Rating AASHTORATE18 31 - SteelICompServ-Flx - Approach, Span 7-11										
Request	BridgeObj	BridgeCut	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	Unitless	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
SU6_serv	BOBJ1	34	106.97	Before	Left Exterior Girder	50.55	0.95	1	1	5.455239
SU6_serv	BOBJ1	34	106.97	Before	Interior Girder 1	50.55	0.95	1	1	4.66191
SU6_serv	BOBJ1	34	106.97	Before	Interior Girder 2	50.55	0.95	1	1	4.343898
SU6_serv	BOBJ1	34	106.97	Before	Interior Girder 3	50.55	0.95	1	1	4.303244
SU6_serv	BOBJ1	34	106.97	Before	Interior Girder 4	50.55	0.95	1	1	4.303244
SU6_serv	BOBJ1	34	106.97	Before	Interior Girder 5	50.55	0.95	1	1	4.343898
SU6_serv	BOBJ1	34	106.97	Before	Interior Girder 6	50.55	0.95	1	1	4.66191
SU6_serv	BOBJ1	34	106.97	Before	Right Exterior Girder	50.55	0.95	1	1	5.455239
SU6_serv	BOBJ1	35	106.97	After	Left Exterior Girder	50.55	0.95	1	1	5.337178
SU6_serv	BOBJ1	35	106.97	After	Interior Girder 1	50.55	0.95	1	1	4.738534
SU6_serv	BOBJ1	35	106.97	After	Interior Girder 2	50.55	0.95	1	1	4.345984
SU6_serv	BOBJ1	35	106.97	After	Interior Girder 3	50.55	0.95	1	1	4.244241
SU6_serv	BOBJ1	35	106.97	After	Interior Girder 4	50.55	0.95	1	1	4.244241
SU6_serv	BOBJ1	35	106.97	After	Interior Girder 5	50.55	0.95	1	1	4.345984
SU6_serv	BOBJ1	35	106.97	After	Interior Girder 6	50.55	0.95	1	1	4.738534
SU6_serv	BOBJ1	35	106.97	After	Right Exterior Girder	50.55	0.95	1	1	5.337178
SU6_serv	BOBJ1	36	115.405	Before	Left Exterior Girder	58.985	0.95	1	1	3.61861
SU6_serv	BOBJ1	36	115.405	Before	Interior Girder 1	58.985	0.95	1	1	3.973439
SU6_serv	BOBJ1	36	115.405	Before	Interior Girder 2	58.985	0.95	1	1	3.9301
SU6_serv	BOBJ1	36	115.405	Before	Interior Girder 3	58.985	0.95	1	1	3.822944
SU6_serv	BOBJ1	36	115.405	Before	Interior Girder 4	58.985	0.95	1	1	3.822944
SU6_serv	BOBJ1	36	115.405	Before	Interior Girder 5	58.985	0.95	1	1	3.9301
SU6_serv	BOBJ1	36	115.405	Before	Interior Girder 6	58.985	0.95	1	1	3.973439
SU6_serv	BOBJ1	36	115.405	Before	Right Exterior Girder	58.985	0.95	1	1	3.61861
SU6_serv	BOBJ1	37	115.405	After	Left Exterior Girder	58.985	0.95	1	1	3.697357
SU6_serv	BOBJ1	37	115.405	After	Interior Girder 1	58.985	0.95	1	1	3.9061
SU6_serv	BOBJ1	37	115.405	After	Interior Girder 2	58.985	0.95	1	1	3.893762
SU6_serv	BOBJ1	37	115.405	After	Interior Girder 3	58.985	0.95	1	1	3.809383
SU6_serv	BOBJ1	37	115.405	After	Interior Girder 4	58.985	0.95	1	1	3.809383
SU6_serv	BOBJ1	37	115.405	After	Interior Girder 5	58.985	0.95	1	1	3.893762
SU6_serv	BOBJ1	37	115.405	After	Interior Girder 6	58.985	0.95	1	1	3.9061
SU6_serv	BOBJ1	37	115.405	After	Right Exterior Girder	58.985	0.95	1	1	3.697357
SU6_serv	BOBJ1	38	116.34	Before	Left Exterior Girder	59.92	0.95	1	1	3.429772
SU6_serv	BOBJ1	38	116.34	Before	Right Exterior Girder	59.92	0.95	1	1	3.429772
SU6_serv	BOBJ1	39	116.34	After	Left Exterior Girder	59.92	0.95	1	1	6.810995
SU6_serv	BOBJ1	39	116.34	After	Right Exterior Girder	59.92	0.95	1	1	6.810995
SU6_serv	BOBJ1	40	118.84	Before	Interior Girder 1	62.42	0.95	1	1	3.30305
SU6_serv	BOBJ1	40	118.84	Before	Interior Girder 2	62.42	0.95	1	1	3.262433
SU6_serv	BOBJ1	40	118.84	Before	Interior Girder 3	62.42	0.95	1	1	3.070338
SU6_serv	BOBJ1	40	118.84	Before	Interior Girder 4	62.42	0.95	1	1	3.070338
SU6_serv	BOBJ1	40	118.84	Before	Interior Girder 5	62.42	0.95	1	1	3.262433
SU6_serv	BOBJ1	40	118.84	Before	Interior Girder 6	62.42	0.95	1	1	3.30305
SU6_serv	BOBJ1	41	118.84	After	Interior Girder 1	62.42	0.95	1	1	4.61774
SU6_serv	BOBJ1	41	118.84	After	Interior Girder 2	62.42	0.95	1	1	4.451895
SU6_serv	BOBJ1	41	118.84	After	Interior Girder 3	62.42	0.95	1	1	4.239022
SU6_serv	BOBJ1	41	118.84	After	Interior Girder 4	62.42	0.95	1	1	4.239022
SU6_serv	BOBJ1	41	118.84	After	Interior Girder 5	62.42	0.95	1	1	4.451895
SU6_serv	BOBJ1	41	118.84	After	Interior Girder 6	62.42	0.95	1	1	4.61774
SU6_serv	BOBJ1	42	123.84	Before	Left Exterior Girder	67.42	0.95	1	1	4.522042
SU6_serv	BOBJ1	42	123.84	Before	Interior Girder 1	67.42	0.95	1	1	3.372978
SU6_serv	BOBJ1	42	123.84	Before	Interior Girder 2	67.42	0.95	1	1	3.171471
SU6_serv	BOBJ1	42	123.84	Before	Interior Girder 3	67.42	0.95	1	1	2.649646
SU6_serv	BOBJ1	42	123.84	Before	Interior Girder 4	67.42	0.95	1	1	2.649646
SU6_serv	BOBJ1	42	123.84	Before	Interior Girder 5	67.42	0.95	1	1	3.171471
SU6_serv	BOBJ1	42	123.84	Before	Interior Girder 6	67.42	0.95	1	1	3.372978
SU6_serv	BOBJ1	42	123.84	Before	Right Exterior Girder	67.42	0.95	1	1	4.522042
SU6_serv	BOBJ1	43	123.84	After	Left Exterior Girder	0	0.95	1	1	4.477528
SU6_serv	BOBJ1	43	123.84	After	Interior Girder 1	0	0.95	1	1	3.319899
SU6_serv	BOBJ1	43	123.84	After	Interior Girder 2	0	0.95	1	1	3.158291
SU6_serv	BOBJ1	43	123.84	After	Interior Girder 3	0	0.95	1	1	2.641883
SU6_serv	BOBJ1	43	123.84	After	Interior Girder 4	0	0.95	1	1	2.641883
SU6_serv	BOBJ1	43	123.84	After	Interior Girder 5	0	0.95	1	1	3.158291
SU6_serv	BOBJ1	43	123.84	After	Interior Girder 6	0	0.95	1	1	3.319899
SU6_serv	BOBJ1	43	123.84	After	Right Exterior Girder	0	0.95	1	1	4.477528
SU6_serv	BOBJ1	44	128.84	Before	Interior Girder 1	5	0.95	1	1	4.718551
SU6_serv	BOBJ1	44	128.84	Before	Interior Girder 2	5	0.95	1	1	4.532841
SU6_serv	BOBJ1	44	128.84	Before	Interior Girder 3	5	0.95	1	1	4.293958
SU6_serv	BOBJ1	44	128.84	Before	Interior Girder 4	5	0.95	1	1	4.293958
SU6_serv	BOBJ1	44	128.84	Before	Interior Girder 5	5	0.95	1	1	4.532841
SU6_serv	BOBJ1	44	128.84	Before	Interior Girder 6	5	0.95	1	1	4.718551
SU6_serv	BOBJ1	45	128.84	After	Interior Girder 1	5	0.95	1	1	3.383671
SU6_serv	BOBJ1	45	128.84	After	Interior Girder 2	5	0.95	1	1	3.323843
SU6_serv	BOBJ1	45	128.84	After	Interior Girder 3	5	0.95	1	1	3.119802

TABLE: Bridge Super Rating AASHTORATE18 31 - SteelICompServ-Flx - Approach, Span 7-11										
Request	BridgeObj	BridgeCut	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	Unitless	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
SU6_serv	BOBJ1	45	128.84	After	Interior Girder 4	5	0.95	1	1	3.119802
SU6_serv	BOBJ1	45	128.84	After	Interior Girder 5	5	0.95	1	1	3.323843
SU6_serv	BOBJ1	45	128.84	After	Interior Girder 6	5	0.95	1	1	3.383671
SU6_serv	BOBJ1	46	131.34	Before	Left Exterior Girder	7.5	0.95	1	1	7.014681
SU6_serv	BOBJ1	46	131.34	Before	Right Exterior Girder	7.5	0.95	1	1	7.014681
SU6_serv	BOBJ1	47	131.34	After	Left Exterior Girder	7.5	0.95	1	1	3.534954
SU6_serv	BOBJ1	47	131.34	After	Right Exterior Girder	7.5	0.95	1	1	3.534954
SU6_serv	BOBJ1	48	132.265	Before	Left Exterior Girder	8.425	0.95	1	1	3.793141
SU6_serv	BOBJ1	48	132.265	Before	Interior Girder 1	8.425	0.95	1	1	3.999484
SU6_serv	BOBJ1	48	132.265	Before	Interior Girder 2	8.425	0.95	1	1	3.96562
SU6_serv	BOBJ1	48	132.265	Before	Interior Girder 3	8.425	0.95	1	1	3.871627
SU6_serv	BOBJ1	48	132.265	Before	Interior Girder 4	8.425	0.95	1	1	3.871627
SU6_serv	BOBJ1	48	132.265	Before	Interior Girder 5	8.425	0.95	1	1	3.96562
SU6_serv	BOBJ1	48	132.265	Before	Interior Girder 6	8.425	0.95	1	1	3.999484
SU6_serv	BOBJ1	48	132.265	Before	Right Exterior Girder	8.425	0.95	1	1	3.793141
SU6_serv	BOBJ1	49	132.265	After	Left Exterior Girder	8.425	0.95	1	1	3.71254
SU6_serv	BOBJ1	49	132.265	After	Interior Girder 1	8.425	0.95	1	1	4.068069
SU6_serv	BOBJ1	49	132.265	After	Interior Girder 2	8.425	0.95	1	1	4.003275
SU6_serv	BOBJ1	49	132.265	After	Interior Girder 3	8.425	0.95	1	1	3.887056
SU6_serv	BOBJ1	49	132.265	After	Interior Girder 4	8.425	0.95	1	1	3.887056
SU6_serv	BOBJ1	49	132.265	After	Interior Girder 5	8.425	0.95	1	1	4.003275
SU6_serv	BOBJ1	49	132.265	After	Interior Girder 6	8.425	0.95	1	1	4.068069
SU6_serv	BOBJ1	49	132.265	After	Right Exterior Girder	8.425	0.95	1	1	3.71254
SU6_serv	BOBJ1	50	140.69	Before	Left Exterior Girder	16.85	0.95	1	1	5.384167
SU6_serv	BOBJ1	50	140.69	Before	Interior Girder 1	16.85	0.95	1	1	4.751395
SU6_serv	BOBJ1	50	140.69	Before	Interior Girder 2	16.85	0.95	1	1	4.357882
SU6_serv	BOBJ1	50	140.69	Before	Interior Girder 3	16.85	0.95	1	1	4.260072
SU6_serv	BOBJ1	50	140.69	Before	Interior Girder 4	16.85	0.95	1	1	4.260072
SU6_serv	BOBJ1	50	140.69	Before	Interior Girder 5	16.85	0.95	1	1	4.357882
SU6_serv	BOBJ1	50	140.69	Before	Interior Girder 6	16.85	0.95	1	1	4.751395
SU6_serv	BOBJ1	50	140.69	Before	Right Exterior Girder	16.85	0.95	1	1	5.384167
SU6_serv	BOBJ1	51	140.69	After	Left Exterior Girder	16.85	0.95	1	1	5.507632
SU6_serv	BOBJ1	51	140.69	After	Interior Girder 1	16.85	0.95	1	1	4.675122
SU6_serv	BOBJ1	51	140.69	After	Interior Girder 2	16.85	0.95	1	1	4.355005
SU6_serv	BOBJ1	51	140.69	After	Interior Girder 3	16.85	0.95	1	1	4.318497
SU6_serv	BOBJ1	51	140.69	After	Interior Girder 4	16.85	0.95	1	1	4.318497
SU6_serv	BOBJ1	51	140.69	After	Interior Girder 5	16.85	0.95	1	1	4.355005
SU6_serv	BOBJ1	51	140.69	After	Interior Girder 6	16.85	0.95	1	1	4.675122
SU6_serv	BOBJ1	51	140.69	After	Right Exterior Girder	16.85	0.95	1	1	5.507632
SU6_serv	BOBJ1	52	149.115	Before	Left Exterior Girder	25.275	0.95	1	1	3.441034
SU6_serv	BOBJ1	52	149.115	Before	Interior Girder 1	25.275	0.95	1	1	2.904465
SU6_serv	BOBJ1	52	149.115	Before	Interior Girder 2	25.275	0.95	1	1	2.808444
SU6_serv	BOBJ1	52	149.115	Before	Interior Girder 3	25.275	0.95	1	1	2.752561
SU6_serv	BOBJ1	52	149.115	Before	Interior Girder 4	25.275	0.95	1	1	2.752561
SU6_serv	BOBJ1	52	149.115	Before	Interior Girder 5	25.275	0.95	1	1	2.808444
SU6_serv	BOBJ1	52	149.115	Before	Interior Girder 6	25.275	0.95	1	1	2.904465
SU6_serv	BOBJ1	52	149.115	Before	Right Exterior Girder	25.275	0.95	1	1	3.441034
SU6_serv	BOBJ1	53	149.115	After	Left Exterior Girder	25.275	0.95	1	1	3.480151
SU6_serv	BOBJ1	53	149.115	After	Interior Girder 1	25.275	0.95	1	1	2.879812
SU6_serv	BOBJ1	53	149.115	After	Interior Girder 2	25.275	0.95	1	1	2.804808
SU6_serv	BOBJ1	53	149.115	After	Interior Girder 3	25.275	0.95	1	1	2.772512
SU6_serv	BOBJ1	53	149.115	After	Interior Girder 4	25.275	0.95	1	1	2.772512
SU6_serv	BOBJ1	53	149.115	After	Interior Girder 5	25.275	0.95	1	1	2.804808
SU6_serv	BOBJ1	53	149.115	After	Interior Girder 6	25.275	0.95	1	1	2.879812
SU6_serv	BOBJ1	53	149.115	After	Right Exterior Girder	25.275	0.95	1	1	3.480151
SU6_serv	BOBJ1	54	157.54	Before	Left Exterior Girder	33.7	0.95	1	1	2.80538
SU6_serv	BOBJ1	54	157.54	Before	Interior Girder 1	33.7	0.95	1	1	2.733143
SU6_serv	BOBJ1	54	157.54	Before	Interior Girder 2	33.7	0.95	1	1	2.661929
SU6_serv	BOBJ1	54	157.54	Before	Interior Girder 3	33.7	0.95	1	1	2.702888
SU6_serv	BOBJ1	54	157.54	Before	Interior Girder 4	33.7	0.95	1	1	2.702888
SU6_serv	BOBJ1	54	157.54	Before	Interior Girder 5	33.7	0.95	1	1	2.661929
SU6_serv	BOBJ1	54	157.54	Before	Interior Girder 6	33.7	0.95	1	1	2.733143
SU6_serv	BOBJ1	54	157.54	Before	Right Exterior Girder	33.7	0.95	1	1	2.80538
SU6_serv	BOBJ1	55	157.54	After	Left Exterior Girder	33.7	0.95	1	1	2.805559
SU6_serv	BOBJ1	55	157.54	After	Interior Girder 1	33.7	0.95	1	1	2.73308
SU6_serv	BOBJ1	55	157.54	After	Interior Girder 2	33.7	0.95	1	1	2.661927
SU6_serv	BOBJ1	55	157.54	After	Interior Girder 3	33.7	0.95	1	1	2.702895
SU6_serv	BOBJ1	55	157.54	After	Interior Girder 4	33.7	0.95	1	1	2.702895
SU6_serv	BOBJ1	55	157.54	After	Interior Girder 5	33.7	0.95	1	1	2.661927
SU6_serv	BOBJ1	55	157.54	After	Interior Girder 6	33.7	0.95	1	1	2.73308
SU6_serv	BOBJ1	55	157.54	After	Right Exterior Girder	33.7	0.95	1	1	2.805559
SU6_serv	BOBJ1	56	165.965	Before	Left Exterior Girder	42.125	0.95	1	1	3.477324
SU6_serv	BOBJ1	56	165.965	Before	Interior Girder 1	42.125	0.95	1	1	2.878595

TABLE: Bridge Super Rating AASHTORATE18 31 - SteelICompServ-Flx - Approach, Span 7-11										
Request	BridgeObj	BridgeCut	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	Unitless	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
SU6_serv	BOBJ1	56	165.965	Before	Interior Girder 2	42.125	0.95	1	1	2.803663
SU6_serv	BOBJ1	56	165.965	Before	Interior Girder 3	42.125	0.95	1	1	2.771231
SU6_serv	BOBJ1	56	165.965	Before	Interior Girder 4	42.125	0.95	1	1	2.771231
SU6_serv	BOBJ1	56	165.965	Before	Interior Girder 5	42.125	0.95	1	1	2.803663
SU6_serv	BOBJ1	56	165.965	Before	Interior Girder 6	42.125	0.95	1	1	2.878595
SU6_serv	BOBJ1	56	165.965	Before	Right Exterior Girder	42.125	0.95	1	1	3.477324
SU6_serv	BOBJ1	57	165.965	After	Left Exterior Girder	42.125	0.95	1	1	3.438578
SU6_serv	BOBJ1	57	165.965	After	Interior Girder 1	42.125	0.95	1	1	2.90313
SU6_serv	BOBJ1	57	165.965	After	Interior Girder 2	42.125	0.95	1	1	2.807275
SU6_serv	BOBJ1	57	165.965	After	Interior Girder 3	42.125	0.95	1	1	2.751396
SU6_serv	BOBJ1	57	165.965	After	Interior Girder 4	42.125	0.95	1	1	2.751396
SU6_serv	BOBJ1	57	165.965	After	Interior Girder 5	42.125	0.95	1	1	2.807275
SU6_serv	BOBJ1	57	165.965	After	Interior Girder 6	42.125	0.95	1	1	2.90313
SU6_serv	BOBJ1	57	165.965	After	Right Exterior Girder	42.125	0.95	1	1	3.438578
SU6_serv	BOBJ1	58	174.39	Before	Left Exterior Girder	50.55	0.95	1	1	5.496875
SU6_serv	BOBJ1	58	174.39	Before	Interior Girder 1	50.55	0.95	1	1	4.66972
SU6_serv	BOBJ1	58	174.39	Before	Interior Girder 2	50.55	0.95	1	1	4.350445
SU6_serv	BOBJ1	58	174.39	Before	Interior Girder 3	50.55	0.95	1	1	4.313096
SU6_serv	BOBJ1	58	174.39	Before	Interior Girder 4	50.55	0.95	1	1	4.313096
SU6_serv	BOBJ1	58	174.39	Before	Interior Girder 5	50.55	0.95	1	1	4.350445
SU6_serv	BOBJ1	58	174.39	Before	Interior Girder 6	50.55	0.95	1	1	4.66972
SU6_serv	BOBJ1	58	174.39	Before	Right Exterior Girder	50.55	0.95	1	1	5.496875
SU6_serv	BOBJ1	59	174.39	After	Left Exterior Girder	50.55	0.95	1	1	5.373948
SU6_serv	BOBJ1	59	174.39	After	Interior Girder 1	50.55	0.95	1	1	4.746012
SU6_serv	BOBJ1	59	174.39	After	Interior Girder 2	50.55	0.95	1	1	4.353396
SU6_serv	BOBJ1	59	174.39	After	Interior Girder 3	50.55	0.95	1	1	4.254889
SU6_serv	BOBJ1	59	174.39	After	Interior Girder 4	50.55	0.95	1	1	4.254889
SU6_serv	BOBJ1	59	174.39	After	Interior Girder 5	50.55	0.95	1	1	4.353396
SU6_serv	BOBJ1	59	174.39	After	Interior Girder 6	50.55	0.95	1	1	4.746012
SU6_serv	BOBJ1	59	174.39	After	Right Exterior Girder	50.55	0.95	1	1	5.373948
SU6_serv	BOBJ1	60	182.825	Before	Left Exterior Girder	58.985	0.95	1	1	3.715884
SU6_serv	BOBJ1	60	182.825	Before	Interior Girder 1	58.985	0.95	1	1	4.066193
SU6_serv	BOBJ1	60	182.825	Before	Interior Girder 2	58.985	0.95	1	1	4.001106
SU6_serv	BOBJ1	60	182.825	Before	Interior Girder 3	58.985	0.95	1	1	3.889355
SU6_serv	BOBJ1	60	182.825	Before	Interior Girder 4	58.985	0.95	1	1	3.889355
SU6_serv	BOBJ1	60	182.825	Before	Interior Girder 5	58.985	0.95	1	1	4.001106
SU6_serv	BOBJ1	60	182.825	Before	Interior Girder 6	58.985	0.95	1	1	4.066193
SU6_serv	BOBJ1	60	182.825	Before	Right Exterior Girder	58.985	0.95	1	1	3.715884
SU6_serv	BOBJ1	61	182.825	After	Left Exterior Girder	58.985	0.95	1	1	3.796753
SU6_serv	BOBJ1	61	182.825	After	Interior Girder 1	58.985	0.95	1	1	3.997697
SU6_serv	BOBJ1	61	182.825	After	Interior Girder 2	58.985	0.95	1	1	3.963358
SU6_serv	BOBJ1	61	182.825	After	Interior Girder 3	58.985	0.95	1	1	3.874269
SU6_serv	BOBJ1	61	182.825	After	Interior Girder 4	58.985	0.95	1	1	3.874269
SU6_serv	BOBJ1	61	182.825	After	Interior Girder 5	58.985	0.95	1	1	3.963358
SU6_serv	BOBJ1	61	182.825	After	Interior Girder 6	58.985	0.95	1	1	3.997697
SU6_serv	BOBJ1	61	182.825	After	Right Exterior Girder	58.985	0.95	1	1	3.796753
SU6_serv	BOBJ1	62	183.76	Before	Left Exterior Girder	59.92	0.95	1	1	3.522715
SU6_serv	BOBJ1	62	183.76	Before	Right Exterior Girder	59.92	0.95	1	1	3.522715
SU6_serv	BOBJ1	63	183.76	After	Left Exterior Girder	59.92	0.95	1	1	6.995712
SU6_serv	BOBJ1	63	183.76	After	Right Exterior Girder	59.92	0.95	1	1	6.995712
SU6_serv	BOBJ1	64	186.26	Before	Interior Girder 1	62.42	0.95	1	1	3.379504
SU6_serv	BOBJ1	64	186.26	Before	Interior Girder 2	62.42	0.95	1	1	3.319563
SU6_serv	BOBJ1	64	186.26	Before	Interior Girder 3	62.42	0.95	1	1	3.120202
SU6_serv	BOBJ1	64	186.26	Before	Interior Girder 4	62.42	0.95	1	1	3.120202
SU6_serv	BOBJ1	64	186.26	Before	Interior Girder 5	62.42	0.95	1	1	3.319563
SU6_serv	BOBJ1	64	186.26	Before	Interior Girder 6	62.42	0.95	1	1	3.379504
SU6_serv	BOBJ1	65	186.26	After	Interior Girder 1	62.42	0.95	1	1	4.713779
SU6_serv	BOBJ1	65	186.26	After	Interior Girder 2	62.42	0.95	1	1	4.527833
SU6_serv	BOBJ1	65	186.26	After	Interior Girder 3	62.42	0.95	1	1	4.295384
SU6_serv	BOBJ1	65	186.26	After	Interior Girder 4	62.42	0.95	1	1	4.295384
SU6_serv	BOBJ1	65	186.26	After	Interior Girder 5	62.42	0.95	1	1	4.527833
SU6_serv	BOBJ1	65	186.26	After	Interior Girder 6	62.42	0.95	1	1	4.713779
SU6_serv	BOBJ1	66	191.26	Before	Left Exterior Girder	67.42	0.95	1	1	4.479891
SU6_serv	BOBJ1	66	191.26	Before	Interior Girder 1	67.42	0.95	1	1	3.314674
SU6_serv	BOBJ1	66	191.26	Before	Interior Girder 2	67.42	0.95	1	1	3.15186
SU6_serv	BOBJ1	66	191.26	Before	Interior Girder 3	67.42	0.95	1	1	2.64176
SU6_serv	BOBJ1	66	191.26	Before	Interior Girder 4	67.42	0.95	1	1	2.64176
SU6_serv	BOBJ1	66	191.26	Before	Interior Girder 5	67.42	0.95	1	1	3.15186
SU6_serv	BOBJ1	66	191.26	Before	Interior Girder 6	67.42	0.95	1	1	3.314674
SU6_serv	BOBJ1	66	191.26	Before	Right Exterior Girder	67.42	0.95	1	1	4.479891
SU6_serv	BOBJ1	67	191.26	After	Left Exterior Girder	0	0.95	1	1	4.515379
SU6_serv	BOBJ1	67	191.26	After	Interior Girder 1	0	0.95	1	1	3.375415
SU6_serv	BOBJ1	67	191.26	After	Interior Girder 2	0	0.95	1	1	3.175595

TABLE: Bridge Super Rating AASHTORATE18 31 - SteelICompServ-Flx - Approach, Span 7-11										
Request	BridgeObj	BridgeCut	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	Unitless	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
SU6_serv	BOBJ1	67	191.26	After	Interior Girder 3	0	0.95	1	1	2.648298
SU6_serv	BOBJ1	67	191.26	After	Interior Girder 4	0	0.95	1	1	2.648298
SU6_serv	BOBJ1	67	191.26	After	Interior Girder 5	0	0.95	1	1	3.175595
SU6_serv	BOBJ1	67	191.26	After	Interior Girder 6	0	0.95	1	1	3.375415
SU6_serv	BOBJ1	67	191.26	After	Right Exterior Girder	0	0.95	1	1	4.515379
SU6_serv	BOBJ1	68	196.26	Before	Interior Girder 1	5	0.95	1	1	4.619685
SU6_serv	BOBJ1	68	196.26	Before	Interior Girder 2	5	0.95	1	1	4.454969
SU6_serv	BOBJ1	68	196.26	Before	Interior Girder 3	5	0.95	1	1	4.23606
SU6_serv	BOBJ1	68	196.26	Before	Interior Girder 4	5	0.95	1	1	4.23606
SU6_serv	BOBJ1	68	196.26	Before	Interior Girder 5	5	0.95	1	1	4.454969
SU6_serv	BOBJ1	68	196.26	Before	Interior Girder 6	5	0.95	1	1	4.619685
SU6_serv	BOBJ1	69	196.26	After	Interior Girder 1	5	0.95	1	1	3.304496
SU6_serv	BOBJ1	69	196.26	After	Interior Girder 2	5	0.95	1	1	3.264733
SU6_serv	BOBJ1	69	196.26	After	Interior Girder 3	5	0.95	1	1	3.068208
SU6_serv	BOBJ1	69	196.26	After	Interior Girder 4	5	0.95	1	1	3.068208
SU6_serv	BOBJ1	69	196.26	After	Interior Girder 5	5	0.95	1	1	3.264733
SU6_serv	BOBJ1	69	196.26	After	Interior Girder 6	5	0.95	1	1	3.304496
SU6_serv	BOBJ1	70	198.76	Before	Left Exterior Girder	7.5	0.95	1	1	6.826314
SU6_serv	BOBJ1	70	198.76	Before	Right Exterior Girder	7.5	0.95	1	1	6.826314
SU6_serv	BOBJ1	71	198.76	After	Left Exterior Girder	7.5	0.95	1	1	3.438467
SU6_serv	BOBJ1	71	198.76	After	Right Exterior Girder	7.5	0.95	1	1	3.438467
SU6_serv	BOBJ1	72	199.685	Before	Left Exterior Girder	8.425	0.95	1	1	3.690742
SU6_serv	BOBJ1	72	199.685	Before	Interior Girder 1	8.425	0.95	1	1	3.90549
SU6_serv	BOBJ1	72	199.685	Before	Interior Girder 2	8.425	0.95	1	1	3.894312
SU6_serv	BOBJ1	72	199.685	Before	Interior Girder 3	8.425	0.95	1	1	3.805426
SU6_serv	BOBJ1	72	199.685	Before	Interior Girder 4	8.425	0.95	1	1	3.805426
SU6_serv	BOBJ1	72	199.685	Before	Interior Girder 5	8.425	0.95	1	1	3.894312
SU6_serv	BOBJ1	72	199.685	Before	Interior Girder 6	8.425	0.95	1	1	3.90549
SU6_serv	BOBJ1	72	199.685	Before	Right Exterior Girder	8.425	0.95	1	1	3.690742
SU6_serv	BOBJ1	73	199.685	After	Left Exterior Girder	8.425	0.95	1	1	3.61207
SU6_serv	BOBJ1	73	199.685	After	Interior Girder 1	8.425	0.95	1	1	3.9729
SU6_serv	BOBJ1	73	199.685	After	Interior Girder 2	8.425	0.95	1	1	3.930578
SU6_serv	BOBJ1	73	199.685	After	Interior Girder 3	8.425	0.95	1	1	3.81936
SU6_serv	BOBJ1	73	199.685	After	Interior Girder 4	8.425	0.95	1	1	3.81936
SU6_serv	BOBJ1	73	199.685	After	Interior Girder 5	8.425	0.95	1	1	3.930578
SU6_serv	BOBJ1	73	199.685	After	Interior Girder 6	8.425	0.95	1	1	3.9729
SU6_serv	BOBJ1	73	199.685	After	Right Exterior Girder	8.425	0.95	1	1	3.61207
SU6_serv	BOBJ1	74	208.11	Before	Left Exterior Girder	16.85	0.95	1	1	5.348621
SU6_serv	BOBJ1	74	208.11	Before	Interior Girder 1	16.85	0.95	1	1	4.74465
SU6_serv	BOBJ1	74	208.11	Before	Interior Girder 2	16.85	0.95	1	1	4.35092
SU6_serv	BOBJ1	74	208.11	Before	Interior Girder 3	16.85	0.95	1	1	4.249751
SU6_serv	BOBJ1	74	208.11	Before	Interior Girder 4	16.85	0.95	1	1	4.249751
SU6_serv	BOBJ1	74	208.11	Before	Interior Girder 5	16.85	0.95	1	1	4.35092
SU6_serv	BOBJ1	74	208.11	Before	Interior Girder 6	16.85	0.95	1	1	4.74465
SU6_serv	BOBJ1	74	208.11	Before	Right Exterior Girder	16.85	0.95	1	1	5.348621
SU6_serv	BOBJ1	75	208.11	After	Left Exterior Girder	16.85	0.95	1	1	5.467495
SU6_serv	BOBJ1	75	208.11	After	Interior Girder 1	16.85	0.95	1	1	4.668014
SU6_serv	BOBJ1	75	208.11	After	Interior Girder 2	16.85	0.95	1	1	4.348827
SU6_serv	BOBJ1	75	208.11	After	Interior Girder 3	16.85	0.95	1	1	4.308856
SU6_serv	BOBJ1	75	208.11	After	Interior Girder 4	16.85	0.95	1	1	4.308856
SU6_serv	BOBJ1	75	208.11	After	Interior Girder 5	16.85	0.95	1	1	4.348827
SU6_serv	BOBJ1	75	208.11	After	Interior Girder 6	16.85	0.95	1	1	4.668014
SU6_serv	BOBJ1	75	208.11	After	Right Exterior Girder	16.85	0.95	1	1	5.467495
SU6_serv	BOBJ1	76	216.535	Before	Left Exterior Girder	25.275	0.95	1	1	3.457816
SU6_serv	BOBJ1	76	216.535	Before	Interior Girder 1	25.275	0.95	1	1	2.920854
SU6_serv	BOBJ1	76	216.535	Before	Interior Girder 2	25.275	0.95	1	1	2.817938
SU6_serv	BOBJ1	76	216.535	Before	Interior Girder 3	25.275	0.95	1	1	2.755784
SU6_serv	BOBJ1	76	216.535	Before	Interior Girder 4	25.275	0.95	1	1	2.755784
SU6_serv	BOBJ1	76	216.535	Before	Interior Girder 5	25.275	0.95	1	1	2.817938
SU6_serv	BOBJ1	76	216.535	Before	Interior Girder 6	25.275	0.95	1	1	2.920854
SU6_serv	BOBJ1	76	216.535	Before	Right Exterior Girder	25.275	0.95	1	1	3.457816
SU6_serv	BOBJ1	77	216.535	After	Left Exterior Girder	25.275	0.95	1	1	3.495147
SU6_serv	BOBJ1	77	216.535	After	Interior Girder 1	25.275	0.95	1	1	2.895445
SU6_serv	BOBJ1	77	216.535	After	Interior Girder 2	25.275	0.95	1	1	2.815127
SU6_serv	BOBJ1	77	216.535	After	Interior Girder 3	25.275	0.95	1	1	2.776131
SU6_serv	BOBJ1	77	216.535	After	Interior Girder 4	25.275	0.95	1	1	2.776131
SU6_serv	BOBJ1	77	216.535	After	Interior Girder 5	25.275	0.95	1	1	2.815127
SU6_serv	BOBJ1	77	216.535	After	Interior Girder 6	25.275	0.95	1	1	2.895445
SU6_serv	BOBJ1	77	216.535	After	Right Exterior Girder	25.275	0.95	1	1	3.495147
SU6_serv	BOBJ1	78	224.96	Before	Left Exterior Girder	33.7	0.95	1	1	2.846135
SU6_serv	BOBJ1	78	224.96	Before	Interior Girder 1	33.7	0.95	1	1	2.767032
SU6_serv	BOBJ1	78	224.96	Before	Interior Girder 2	33.7	0.95	1	1	2.68302
SU6_serv	BOBJ1	78	224.96	Before	Interior Girder 3	33.7	0.95	1	1	2.713831

TABLE: Bridge Super Rating AASHTORATE18 31 - SteelICompServ-Flx - Approach, Span 7-11										
Request	BridgeObj	BridgeCut	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	Unitless	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
SU6_serv	BOBJ1	78	224.96	Before	Interior Girder 4	33.7	0.95	1	1	2.713831
SU6_serv	BOBJ1	78	224.96	Before	Interior Girder 5	33.7	0.95	1	1	2.68302
SU6_serv	BOBJ1	78	224.96	Before	Interior Girder 6	33.7	0.95	1	1	2.767032
SU6_serv	BOBJ1	78	224.96	Before	Right Exterior Girder	33.7	0.95	1	1	2.846135
SU6_serv	BOBJ1	79	224.96	After	Left Exterior Girder	33.7	0.95	1	1	2.843204
SU6_serv	BOBJ1	79	224.96	After	Interior Girder 1	33.7	0.95	1	1	2.767011
SU6_serv	BOBJ1	79	224.96	After	Interior Girder 2	33.7	0.95	1	1	2.68417
SU6_serv	BOBJ1	79	224.96	After	Interior Girder 3	33.7	0.95	1	1	2.714188
SU6_serv	BOBJ1	79	224.96	After	Interior Girder 4	33.7	0.95	1	1	2.714188
SU6_serv	BOBJ1	79	224.96	After	Interior Girder 5	33.7	0.95	1	1	2.68417
SU6_serv	BOBJ1	79	224.96	After	Interior Girder 6	33.7	0.95	1	1	2.767011
SU6_serv	BOBJ1	79	224.96	After	Right Exterior Girder	33.7	0.95	1	1	2.843204
SU6_serv	BOBJ1	80	233.385	Before	Left Exterior Girder	42.125	0.95	1	1	3.57773
SU6_serv	BOBJ1	80	233.385	Before	Interior Girder 1	42.125	0.95	1	1	2.925774
SU6_serv	BOBJ1	80	233.385	Before	Interior Girder 2	42.125	0.95	1	1	2.834289
SU6_serv	BOBJ1	80	233.385	Before	Interior Girder 3	42.125	0.95	1	1	2.789893
SU6_serv	BOBJ1	80	233.385	Before	Interior Girder 4	42.125	0.95	1	1	2.789893
SU6_serv	BOBJ1	80	233.385	Before	Interior Girder 5	42.125	0.95	1	1	2.834289
SU6_serv	BOBJ1	80	233.385	Before	Interior Girder 6	42.125	0.95	1	1	2.925774
SU6_serv	BOBJ1	80	233.385	Before	Right Exterior Girder	42.125	0.95	1	1	3.57773
SU6_serv	BOBJ1	81	233.385	After	Left Exterior Girder	42.125	0.95	1	1	3.531877
SU6_serv	BOBJ1	81	233.385	After	Interior Girder 1	42.125	0.95	1	1	2.953815
SU6_serv	BOBJ1	81	233.385	After	Interior Girder 2	42.125	0.95	1	1	2.838288
SU6_serv	BOBJ1	81	233.385	After	Interior Girder 3	42.125	0.95	1	1	2.768357
SU6_serv	BOBJ1	81	233.385	After	Interior Girder 4	42.125	0.95	1	1	2.768357
SU6_serv	BOBJ1	81	233.385	After	Interior Girder 5	42.125	0.95	1	1	2.838288
SU6_serv	BOBJ1	81	233.385	After	Interior Girder 6	42.125	0.95	1	1	2.953815
SU6_serv	BOBJ1	81	233.385	After	Right Exterior Girder	42.125	0.95	1	1	3.531877
SU6_serv	BOBJ1	82	241.81	Before	Left Exterior Girder	50.55	0.95	1	1	5.774215
SU6_serv	BOBJ1	82	241.81	Before	Interior Girder 1	50.55	0.95	1	1	4.825002
SU6_serv	BOBJ1	82	241.81	Before	Interior Girder 2	50.55	0.95	1	1	4.447838
SU6_serv	BOBJ1	82	241.81	Before	Interior Girder 3	50.55	0.95	1	1	4.40881
SU6_serv	BOBJ1	82	241.81	Before	Interior Girder 4	50.55	0.95	1	1	4.40881
SU6_serv	BOBJ1	82	241.81	Before	Interior Girder 5	50.55	0.95	1	1	4.447838
SU6_serv	BOBJ1	82	241.81	Before	Interior Girder 6	50.55	0.95	1	1	4.825002
SU6_serv	BOBJ1	82	241.81	Before	Right Exterior Girder	50.55	0.95	1	1	5.774215
SU6_serv	BOBJ1	83	241.81	After	Left Exterior Girder	50.55	0.95	1	1	5.660249
SU6_serv	BOBJ1	83	241.81	After	Interior Girder 1	50.55	0.95	1	1	4.913197
SU6_serv	BOBJ1	83	241.81	After	Interior Girder 2	50.55	0.95	1	1	4.481276
SU6_serv	BOBJ1	83	241.81	After	Interior Girder 3	50.55	0.95	1	1	4.40468
SU6_serv	BOBJ1	83	241.81	After	Interior Girder 4	50.55	0.95	1	1	4.40468
SU6_serv	BOBJ1	83	241.81	After	Interior Girder 5	50.55	0.95	1	1	4.481276
SU6_serv	BOBJ1	83	241.81	After	Interior Girder 6	50.55	0.95	1	1	4.913197
SU6_serv	BOBJ1	83	241.81	After	Right Exterior Girder	50.55	0.95	1	1	5.660249
SU6_serv	BOBJ1	84	245.18	Before	Left Exterior Girder	53.92	0.95	1	1	5.486265
SU6_serv	BOBJ1	84	245.18	Before	Interior Girder 1	53.92	0.95	1	1	5.581369
SU6_serv	BOBJ1	84	245.18	Before	Interior Girder 2	53.92	0.95	1	1	5.473997
SU6_serv	BOBJ1	84	245.18	Before	Interior Girder 3	53.92	0.95	1	1	5.522358
SU6_serv	BOBJ1	84	245.18	Before	Interior Girder 4	53.92	0.95	1	1	5.522358
SU6_serv	BOBJ1	84	245.18	Before	Interior Girder 5	53.92	0.95	1	1	5.473997
SU6_serv	BOBJ1	84	245.18	Before	Interior Girder 6	53.92	0.95	1	1	5.581369
SU6_serv	BOBJ1	84	245.18	Before	Right Exterior Girder	53.92	0.95	1	1	5.486265
SU6_serv	BOBJ1	85	245.18	After	Left Exterior Girder	53.92	0.95	1	1	6.38198
SU6_serv	BOBJ1	85	245.18	After	Interior Girder 1	53.92	0.95	1	1	5.97218
SU6_serv	BOBJ1	85	245.18	After	Interior Girder 2	53.92	0.95	1	1	5.836998
SU6_serv	BOBJ1	85	245.18	After	Interior Girder 3	53.92	0.95	1	1	5.749269
SU6_serv	BOBJ1	85	245.18	After	Interior Girder 4	53.92	0.95	1	1	5.749269
SU6_serv	BOBJ1	85	245.18	After	Interior Girder 5	53.92	0.95	1	1	5.836998
SU6_serv	BOBJ1	85	245.18	After	Interior Girder 6	53.92	0.95	1	1	5.97218
SU6_serv	BOBJ1	85	245.18	After	Right Exterior Girder	53.92	0.95	1	1	6.38198
SU6_serv	BOBJ1	86	250.245	Before	Left Exterior Girder	58.985	0.95	1	1	4.841406
SU6_serv	BOBJ1	86	250.245	Before	Interior Girder 1	58.985	0.95	1	1	4.804135
SU6_serv	BOBJ1	86	250.245	Before	Interior Girder 2	58.985	0.95	1	1	4.579485
SU6_serv	BOBJ1	86	250.245	Before	Interior Girder 3	58.985	0.95	1	1	4.428133
SU6_serv	BOBJ1	86	250.245	Before	Interior Girder 4	58.985	0.95	1	1	4.428133
SU6_serv	BOBJ1	86	250.245	Before	Interior Girder 5	58.985	0.95	1	1	4.579485
SU6_serv	BOBJ1	86	250.245	Before	Interior Girder 6	58.985	0.95	1	1	4.804135
SU6_serv	BOBJ1	86	250.245	Before	Right Exterior Girder	58.985	0.95	1	1	4.841406
SU6_serv	BOBJ1	87	250.245	After	Left Exterior Girder	58.985	0.95	1	1	4.883482
SU6_serv	BOBJ1	87	250.245	After	Interior Girder 1	58.985	0.95	1	1	4.754933
SU6_serv	BOBJ1	87	250.245	After	Interior Girder 2	58.985	0.95	1	1	4.53303
SU6_serv	BOBJ1	87	250.245	After	Interior Girder 3	58.985	0.95	1	1	4.398228
SU6_serv	BOBJ1	87	250.245	After	Interior Girder 4	58.985	0.95	1	1	4.398228

TABLE: Bridge Super Rating AASHTORATE18 31 - SteelICompServ-Flx - Approach, Span 7-11										
Request	BridgeObj	BridgeCut	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	Unitless	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
SU6_serv	BOBJ1	87	250.245	After	Interior Girder 5	58.985	0.95	1	1	4.53303
SU6_serv	BOBJ1	87	250.245	After	Interior Girder 6	58.985	0.95	1	1	4.754933
SU6_serv	BOBJ1	87	250.245	After	Right Exterior Girder	58.985	0.95	1	1	4.883482
SU6_serv	BOBJ1	88	251.68	Before	Left Exterior Girder	60.42	0.95	1	1	4.463922
SU6_serv	BOBJ1	88	251.68	Before	Right Exterior Girder	60.42	0.95	1	1	4.463922
SU6_serv	BOBJ1	89	251.68	After	Left Exterior Girder	60.42	0.95	1	1	7.747658
SU6_serv	BOBJ1	89	251.68	After	Right Exterior Girder	60.42	0.95	1	1	7.747658
SU6_serv	BOBJ1	90	254.18	Before	Interior Girder 1	62.92	0.95	1	1	3.894878
SU6_serv	BOBJ1	90	254.18	Before	Interior Girder 2	62.92	0.95	1	1	3.718376
SU6_serv	BOBJ1	90	254.18	Before	Interior Girder 3	62.92	0.95	1	1	3.392592
SU6_serv	BOBJ1	90	254.18	Before	Interior Girder 4	62.92	0.95	1	1	3.392592
SU6_serv	BOBJ1	90	254.18	Before	Interior Girder 5	62.92	0.95	1	1	3.718376
SU6_serv	BOBJ1	90	254.18	Before	Interior Girder 6	62.92	0.95	1	1	3.894878
SU6_serv	BOBJ1	91	254.18	After	Interior Girder 1	62.92	0.95	1	1	4.759335
SU6_serv	BOBJ1	91	254.18	After	Interior Girder 2	62.92	0.95	1	1	4.456527
SU6_serv	BOBJ1	91	254.18	After	Interior Girder 3	62.92	0.95	1	1	4.094609
SU6_serv	BOBJ1	91	254.18	After	Interior Girder 4	62.92	0.95	1	1	4.094609
SU6_serv	BOBJ1	91	254.18	After	Interior Girder 5	62.92	0.95	1	1	4.456527
SU6_serv	BOBJ1	91	254.18	After	Interior Girder 6	62.92	0.95	1	1	4.759335
SU6_serv	BOBJ1	92	258.68	Before	Left Exterior Girder	67.42	0.95	1	1	4.379193
SU6_serv	BOBJ1	92	258.68	Before	Interior Girder 1	67.42	0.95	1	1	3.012242
SU6_serv	BOBJ1	92	258.68	Before	Interior Girder 2	67.42	0.95	1	1	2.866297
SU6_serv	BOBJ1	92	258.68	Before	Interior Girder 3	67.42	0.95	1	1	2.428404
SU6_serv	BOBJ1	92	258.68	Before	Interior Girder 4	67.42	0.95	1	1	2.428404
SU6_serv	BOBJ1	92	258.68	Before	Interior Girder 5	67.42	0.95	1	1	2.866297
SU6_serv	BOBJ1	92	258.68	Before	Interior Girder 6	67.42	0.95	1	1	3.012242
SU6_serv	BOBJ1	92	258.68	Before	Right Exterior Girder	67.42	0.95	1	1	4.379193
SU6_serv	BOBJ1	93	258.68	After	Left Exterior Girder	0	0.95	1	1	4.469847
SU6_serv	BOBJ1	93	258.68	After	Interior Girder 1	0	0.95	1	1	3.239989
SU6_serv	BOBJ1	93	258.68	After	Interior Girder 2	0	0.95	1	1	2.997798
SU6_serv	BOBJ1	93	258.68	After	Interior Girder 3	0	0.95	1	1	2.498072
SU6_serv	BOBJ1	93	258.68	After	Interior Girder 4	0	0.95	1	1	2.498072
SU6_serv	BOBJ1	93	258.68	After	Interior Girder 5	0	0.95	1	1	2.997798
SU6_serv	BOBJ1	93	258.68	After	Interior Girder 6	0	0.95	1	1	3.239989
SU6_serv	BOBJ1	93	258.68	After	Right Exterior Girder	0	0.95	1	1	4.469847
SU6_serv	BOBJ1	94	263.18	Before	Interior Girder 1	4.5	0.95	1	1	4.138563
SU6_serv	BOBJ1	94	263.18	Before	Interior Girder 2	4.5	0.95	1	1	3.984035
SU6_serv	BOBJ1	94	263.18	Before	Interior Girder 3	4.5	0.95	1	1	3.776478
SU6_serv	BOBJ1	94	263.18	Before	Interior Girder 4	4.5	0.95	1	1	3.776478
SU6_serv	BOBJ1	94	263.18	Before	Interior Girder 5	4.5	0.95	1	1	3.984035
SU6_serv	BOBJ1	94	263.18	Before	Interior Girder 6	4.5	0.95	1	1	4.138563
SU6_serv	BOBJ1	95	263.18	After	Interior Girder 1	4.5	0.95	1	1	3.375192
SU6_serv	BOBJ1	95	263.18	After	Interior Girder 2	4.5	0.95	1	1	3.316864
SU6_serv	BOBJ1	95	263.18	After	Interior Girder 3	4.5	0.95	1	1	3.119669
SU6_serv	BOBJ1	95	263.18	After	Interior Girder 4	4.5	0.95	1	1	3.119669
SU6_serv	BOBJ1	95	263.18	After	Interior Girder 5	4.5	0.95	1	1	3.316864
SU6_serv	BOBJ1	95	263.18	After	Interior Girder 6	4.5	0.95	1	1	3.375192
SU6_serv	BOBJ1	96	265.68	Before	Left Exterior Girder	7	0.95	1	1	6.328397
SU6_serv	BOBJ1	96	265.68	Before	Right Exterior Girder	7	0.95	1	1	6.328397
SU6_serv	BOBJ1	97	265.68	After	Left Exterior Girder	7	0.95	1	1	3.66469
SU6_serv	BOBJ1	97	265.68	After	Right Exterior Girder	7	0.95	1	1	3.66469
SU6_serv	BOBJ1	98	268.08	Before	Left Exterior Girder	9.4	0.95	1	1	4.276916
SU6_serv	BOBJ1	98	268.08	Before	Interior Girder 1	9.4	0.95	1	1	4.270262
SU6_serv	BOBJ1	98	268.08	Before	Interior Girder 2	9.4	0.95	1	1	4.231158
SU6_serv	BOBJ1	98	268.08	Before	Interior Girder 3	9.4	0.95	1	1	4.168863
SU6_serv	BOBJ1	98	268.08	Before	Interior Girder 4	9.4	0.95	1	1	4.168863
SU6_serv	BOBJ1	98	268.08	Before	Interior Girder 5	9.4	0.95	1	1	4.231158
SU6_serv	BOBJ1	98	268.08	Before	Interior Girder 6	9.4	0.95	1	1	4.270262
SU6_serv	BOBJ1	98	268.08	Before	Right Exterior Girder	9.4	0.95	1	1	4.276916
SU6_serv	BOBJ1	99	268.08	After	Left Exterior Girder	9.4	0.95	1	1	4.197262
SU6_serv	BOBJ1	99	268.08	After	Interior Girder 1	9.4	0.95	1	1	4.335978
SU6_serv	BOBJ1	99	268.08	After	Interior Girder 2	9.4	0.95	1	1	4.278028
SU6_serv	BOBJ1	99	268.08	After	Interior Girder 3	9.4	0.95	1	1	4.18735
SU6_serv	BOBJ1	99	268.08	After	Interior Girder 4	9.4	0.95	1	1	4.18735
SU6_serv	BOBJ1	99	268.08	After	Interior Girder 5	9.4	0.95	1	1	4.278028
SU6_serv	BOBJ1	99	268.08	After	Interior Girder 6	9.4	0.95	1	1	4.335978
SU6_serv	BOBJ1	99	268.08	After	Right Exterior Girder	9.4	0.95	1	1	4.197262
SU6_serv	BOBJ1	100	277.48	Before	Left Exterior Girder	18.8	0.95	1	1	4.631588
SU6_serv	BOBJ1	100	277.48	Before	Interior Girder 1	18.8	0.95	1	1	4.134285
SU6_serv	BOBJ1	100	277.48	Before	Interior Girder 2	18.8	0.95	1	1	3.788345
SU6_serv	BOBJ1	100	277.48	Before	Interior Girder 3	18.8	0.95	1	1	3.697377
SU6_serv	BOBJ1	100	277.48	Before	Interior Girder 4	18.8	0.95	1	1	3.697377
SU6_serv	BOBJ1	100	277.48	Before	Interior Girder 5	18.8	0.95	1	1	3.788345

TABLE: Bridge Super Rating AASHTORATE18 31 - SteelICompServ-Flx - Approach, Span 7-11										
Request	BridgeObj	BridgeCut	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	Unitless	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
SU6_serv	BOBJ1	100	277.48	Before	Interior Girder 6	18.8	0.95	1	1	4.134285
SU6_serv	BOBJ1	100	277.48	Before	Right Exterior Girder	18.8	0.95	1	1	4.631588
SU6_serv	BOBJ1	101	277.48	After	Left Exterior Girder	18.8	0.95	1	1	4.724375
SU6_serv	BOBJ1	101	277.48	After	Interior Girder 1	18.8	0.95	1	1	4.068195
SU6_serv	BOBJ1	101	277.48	After	Interior Girder 2	18.8	0.95	1	1	3.790708
SU6_serv	BOBJ1	101	277.48	After	Interior Girder 3	18.8	0.95	1	1	3.739932
SU6_serv	BOBJ1	101	277.48	After	Interior Girder 4	18.8	0.95	1	1	3.739932
SU6_serv	BOBJ1	101	277.48	After	Interior Girder 5	18.8	0.95	1	1	3.790708
SU6_serv	BOBJ1	101	277.48	After	Interior Girder 6	18.8	0.95	1	1	4.068195
SU6_serv	BOBJ1	101	277.48	After	Right Exterior Girder	18.8	0.95	1	1	4.724375
SU6_serv	BOBJ1	102	286.88	Before	Left Exterior Girder	28.2	0.95	1	1	3.348689
SU6_serv	BOBJ1	102	286.88	Before	Interior Girder 1	28.2	0.95	1	1	2.683263
SU6_serv	BOBJ1	102	286.88	Before	Interior Girder 2	28.2	0.95	1	1	2.576877
SU6_serv	BOBJ1	102	286.88	Before	Interior Girder 3	28.2	0.95	1	1	2.504687
SU6_serv	BOBJ1	102	286.88	Before	Interior Girder 4	28.2	0.95	1	1	2.504687
SU6_serv	BOBJ1	102	286.88	Before	Interior Girder 5	28.2	0.95	1	1	2.576877
SU6_serv	BOBJ1	102	286.88	Before	Interior Girder 6	28.2	0.95	1	1	2.683263
SU6_serv	BOBJ1	102	286.88	Before	Right Exterior Girder	28.2	0.95	1	1	3.348689
SU6_serv	BOBJ1	103	286.88	After	Left Exterior Girder	28.2	0.95	1	1	3.357299
SU6_serv	BOBJ1	103	286.88	After	Interior Girder 1	28.2	0.95	1	1	2.673554
SU6_serv	BOBJ1	103	286.88	After	Interior Girder 2	28.2	0.95	1	1	2.57785
SU6_serv	BOBJ1	103	286.88	After	Interior Girder 3	28.2	0.95	1	1	2.511181
SU6_serv	BOBJ1	103	286.88	After	Interior Girder 4	28.2	0.95	1	1	2.511181
SU6_serv	BOBJ1	103	286.88	After	Interior Girder 5	28.2	0.95	1	1	2.57785
SU6_serv	BOBJ1	103	286.88	After	Interior Girder 6	28.2	0.95	1	1	2.673554
SU6_serv	BOBJ1	103	286.88	After	Right Exterior Girder	28.2	0.95	1	1	3.357299
SU6_serv	BOBJ1	104	296.28	Before	Left Exterior Girder	37.6	0.95	1	1	3.115724
SU6_serv	BOBJ1	104	296.28	Before	Interior Girder 1	37.6	0.95	1	1	2.85067
SU6_serv	BOBJ1	104	296.28	Before	Interior Girder 2	37.6	0.95	1	1	2.710436
SU6_serv	BOBJ1	104	296.28	Before	Interior Girder 3	37.6	0.95	1	1	2.688968
SU6_serv	BOBJ1	104	296.28	Before	Interior Girder 4	37.6	0.95	1	1	2.688968
SU6_serv	BOBJ1	104	296.28	Before	Interior Girder 5	37.6	0.95	1	1	2.710436
SU6_serv	BOBJ1	104	296.28	Before	Interior Girder 6	37.6	0.95	1	1	2.85067
SU6_serv	BOBJ1	104	296.28	Before	Right Exterior Girder	37.6	0.95	1	1	3.115724
SU6_serv	BOBJ1	105	296.28	After	Left Exterior Girder	37.6	0.95	1	1	3.078578
SU6_serv	BOBJ1	105	296.28	After	Interior Girder 1	37.6	0.95	1	1	2.879643
SU6_serv	BOBJ1	105	296.28	After	Interior Girder 2	37.6	0.95	1	1	2.705059
SU6_serv	BOBJ1	105	296.28	After	Interior Girder 3	37.6	0.95	1	1	2.671867
SU6_serv	BOBJ1	105	296.28	After	Interior Girder 4	37.6	0.95	1	1	2.671867
SU6_serv	BOBJ1	105	296.28	After	Interior Girder 5	37.6	0.95	1	1	2.705059
SU6_serv	BOBJ1	105	296.28	After	Interior Girder 6	37.6	0.95	1	1	2.879643
SU6_serv	BOBJ1	105	296.28	After	Right Exterior Girder	37.6	0.95	1	1	3.078578
SU6_serv	BOBJ1	106	305.69	Before	Left Exterior Girder	47.01	0.95	1	1	5.563358
SU6_serv	BOBJ1	106	305.69	Before	Interior Girder 1	47.01	0.95	1	1	3.935023
SU6_serv	BOBJ1	106	305.69	Before	Interior Girder 2	47.01	0.95	1	1	3.744631
SU6_serv	BOBJ1	106	305.69	Before	Interior Girder 3	47.01	0.95	1	1	3.530569
SU6_serv	BOBJ1	106	305.69	Before	Interior Girder 4	47.01	0.95	1	1	3.530569
SU6_serv	BOBJ1	106	305.69	Before	Interior Girder 5	47.01	0.95	1	1	3.744631
SU6_serv	BOBJ1	106	305.69	Before	Interior Girder 6	47.01	0.95	1	1	3.935023
SU6_serv	BOBJ1	106	305.69	Before	Right Exterior Girder	47.01	0.95	1	1	5.563358
SU6_serv	BOBJ1	107	305.69	After	Left Exterior Girder	47.01	0.95	1	1	5.561724
SU6_serv	BOBJ1	107	305.69	After	Interior Girder 1	47.01	0.95	1	1	3.943109
SU6_serv	BOBJ1	107	305.69	After	Interior Girder 2	47.01	0.95	1	1	3.673242
SU6_serv	BOBJ1	107	305.69	After	Interior Girder 3	47.01	0.95	1	1	3.407705
SU6_serv	BOBJ1	107	305.69	After	Interior Girder 4	47.01	0.95	1	1	3.407705
SU6_serv	BOBJ1	107	305.69	After	Interior Girder 5	47.01	0.95	1	1	3.673242
SU6_serv	BOBJ1	107	305.69	After	Interior Girder 6	47.01	0.95	1	1	3.943109
SU6_serv	BOBJ1	107	305.69	After	Right Exterior Girder	47.01	0.95	1	1	5.561724
SU6_serv	BOBJ1	108	315.1	Before	Left Exterior Girder	56.42	0.95	1	1	298.435198
SU6_serv	BOBJ1	108	315.1	Before	Interior Girder 1	56.42	0.95	1	1	371.719743
SU6_serv	BOBJ1	108	315.1	Before	Interior Girder 2	56.42	0.95	1	1	191.318223
SU6_serv	BOBJ1	108	315.1	Before	Interior Girder 3	56.42	0.95	1	1	139.667959
SU6_serv	BOBJ1	108	315.1	Before	Interior Girder 4	56.42	0.95	1	1	139.667959
SU6_serv	BOBJ1	108	315.1	Before	Interior Girder 5	56.42	0.95	1	1	191.318224
SU6_serv	BOBJ1	108	315.1	Before	Interior Girder 6	56.42	0.95	1	1	371.719742
SU6_serv	BOBJ1	108	315.1	Before	Right Exterior Girder	56.42	0.95	1	1	298.4352
SU7_serv	BOBJ1	1	0	After	Left Exterior Girder	0	0.95	1	1	264.873503
SU7_serv	BOBJ1	1	0	After	Interior Girder 1	0	0.95	1	1	331.032139
SU7_serv	BOBJ1	1	0	After	Interior Girder 2	0	0.95	1	1	190.387977
SU7_serv	BOBJ1	1	0	After	Interior Girder 3	0	0.95	1	1	130.215436
SU7_serv	BOBJ1	1	0	After	Interior Girder 4	0	0.95	1	1	130.215436
SU7_serv	BOBJ1	1	0	After	Interior Girder 5	0	0.95	1	1	190.387977
SU7_serv	BOBJ1	1	0	After	Interior Girder 6	0	0.95	1	1	331.032143

TABLE: Bridge Super Rating AASHTORATE18 31 - SteelICompServ-Flx - Approach, Span 7-11										
Request	BridgeObj	BridgeCut	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	Unitless	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
SU7_serv	BOBJ1	1	0	After	Right Exterior Girder	0	0.95	1	1	264.873503
SU7_serv	BOBJ1	2	9.4	Before	Left Exterior Girder	9.4	0.95	1	1	5.218153
SU7_serv	BOBJ1	2	9.4	Before	Interior Girder 1	9.4	0.95	1	1	3.812833
SU7_serv	BOBJ1	2	9.4	Before	Interior Girder 2	9.4	0.95	1	1	3.540521
SU7_serv	BOBJ1	2	9.4	Before	Interior Girder 3	9.4	0.95	1	1	3.305229
SU7_serv	BOBJ1	2	9.4	Before	Interior Girder 4	9.4	0.95	1	1	3.305229
SU7_serv	BOBJ1	2	9.4	Before	Interior Girder 5	9.4	0.95	1	1	3.540521
SU7_serv	BOBJ1	2	9.4	Before	Interior Girder 6	9.4	0.95	1	1	3.812833
SU7_serv	BOBJ1	2	9.4	Before	Right Exterior Girder	9.4	0.95	1	1	5.218153
SU7_serv	BOBJ1	3	9.4	After	Left Exterior Girder	9.4	0.95	1	1	5.238959
SU7_serv	BOBJ1	3	9.4	After	Interior Girder 1	9.4	0.95	1	1	3.804449
SU7_serv	BOBJ1	3	9.4	After	Interior Girder 2	9.4	0.95	1	1	3.607559
SU7_serv	BOBJ1	3	9.4	After	Interior Girder 3	9.4	0.95	1	1	3.40221
SU7_serv	BOBJ1	3	9.4	After	Interior Girder 4	9.4	0.95	1	1	3.40221
SU7_serv	BOBJ1	3	9.4	After	Interior Girder 5	9.4	0.95	1	1	3.607559
SU7_serv	BOBJ1	3	9.4	After	Interior Girder 6	9.4	0.95	1	1	3.804449
SU7_serv	BOBJ1	3	9.4	After	Right Exterior Girder	9.4	0.95	1	1	5.238959
SU7_serv	BOBJ1	4	18.8	Before	Left Exterior Girder	18.8	0.95	1	1	2.828735
SU7_serv	BOBJ1	4	18.8	Before	Interior Girder 1	18.8	0.95	1	1	2.667439
SU7_serv	BOBJ1	4	18.8	Before	Interior Girder 2	18.8	0.95	1	1	2.514433
SU7_serv	BOBJ1	4	18.8	Before	Interior Girder 3	18.8	0.95	1	1	2.493163
SU7_serv	BOBJ1	4	18.8	Before	Interior Girder 4	18.8	0.95	1	1	2.493163
SU7_serv	BOBJ1	4	18.8	Before	Interior Girder 5	18.8	0.95	1	1	2.514433
SU7_serv	BOBJ1	4	18.8	Before	Interior Girder 6	18.8	0.95	1	1	2.667439
SU7_serv	BOBJ1	4	18.8	Before	Right Exterior Girder	18.8	0.95	1	1	2.828735
SU7_serv	BOBJ1	5	18.8	After	Left Exterior Girder	18.8	0.95	1	1	2.862008
SU7_serv	BOBJ1	5	18.8	After	Interior Girder 1	18.8	0.95	1	1	2.643365
SU7_serv	BOBJ1	5	18.8	After	Interior Girder 2	18.8	0.95	1	1	2.519783
SU7_serv	BOBJ1	5	18.8	After	Interior Girder 3	18.8	0.95	1	1	2.511921
SU7_serv	BOBJ1	5	18.8	After	Interior Girder 4	18.8	0.95	1	1	2.511921
SU7_serv	BOBJ1	5	18.8	After	Interior Girder 5	18.8	0.95	1	1	2.519783
SU7_serv	BOBJ1	5	18.8	After	Interior Girder 6	18.8	0.95	1	1	2.643365
SU7_serv	BOBJ1	5	18.8	After	Right Exterior Girder	18.8	0.95	1	1	2.862008
SU7_serv	BOBJ1	6	28.2	Before	Left Exterior Girder	28.2	0.95	1	1	3.101811
SU7_serv	BOBJ1	6	28.2	Before	Interior Girder 1	28.2	0.95	1	1	2.491145
SU7_serv	BOBJ1	6	28.2	Before	Interior Girder 2	28.2	0.95	1	1	2.404017
SU7_serv	BOBJ1	6	28.2	Before	Interior Girder 3	28.2	0.95	1	1	2.349454
SU7_serv	BOBJ1	6	28.2	Before	Interior Girder 4	28.2	0.95	1	1	2.349454
SU7_serv	BOBJ1	6	28.2	Before	Interior Girder 5	28.2	0.95	1	1	2.404017
SU7_serv	BOBJ1	6	28.2	Before	Interior Girder 6	28.2	0.95	1	1	2.491145
SU7_serv	BOBJ1	6	28.2	Before	Right Exterior Girder	28.2	0.95	1	1	3.101811
SU7_serv	BOBJ1	7	28.2	After	Left Exterior Girder	28.2	0.95	1	1	3.087736
SU7_serv	BOBJ1	7	28.2	After	Interior Girder 1	28.2	0.95	1	1	2.502839
SU7_serv	BOBJ1	7	28.2	After	Interior Girder 2	28.2	0.95	1	1	2.404112
SU7_serv	BOBJ1	7	28.2	After	Interior Girder 3	28.2	0.95	1	1	2.342452
SU7_serv	BOBJ1	7	28.2	After	Interior Girder 4	28.2	0.95	1	1	2.342452
SU7_serv	BOBJ1	7	28.2	After	Interior Girder 5	28.2	0.95	1	1	2.404112
SU7_serv	BOBJ1	7	28.2	After	Interior Girder 6	28.2	0.95	1	1	2.502839
SU7_serv	BOBJ1	7	28.2	After	Right Exterior Girder	28.2	0.95	1	1	3.087736
SU7_serv	BOBJ1	8	37.6	Before	Left Exterior Girder	37.6	0.95	1	1	4.347971
SU7_serv	BOBJ1	8	37.6	Before	Interior Girder 1	37.6	0.95	1	1	3.786815
SU7_serv	BOBJ1	8	37.6	Before	Interior Girder 2	37.6	0.95	1	1	3.541182
SU7_serv	BOBJ1	8	37.6	Before	Interior Girder 3	37.6	0.95	1	1	3.50456
SU7_serv	BOBJ1	8	37.6	Before	Interior Girder 4	37.6	0.95	1	1	3.50456
SU7_serv	BOBJ1	8	37.6	Before	Interior Girder 5	37.6	0.95	1	1	3.541182
SU7_serv	BOBJ1	8	37.6	Before	Interior Girder 6	37.6	0.95	1	1	3.786815
SU7_serv	BOBJ1	8	37.6	Before	Right Exterior Girder	37.6	0.95	1	1	4.347971
SU7_serv	BOBJ1	9	37.6	After	Left Exterior Girder	37.6	0.95	1	1	4.264433
SU7_serv	BOBJ1	9	37.6	After	Interior Girder 1	37.6	0.95	1	1	3.845741
SU7_serv	BOBJ1	9	37.6	After	Interior Girder 2	37.6	0.95	1	1	3.532828
SU7_serv	BOBJ1	9	37.6	After	Interior Girder 3	37.6	0.95	1	1	3.46172
SU7_serv	BOBJ1	9	37.6	After	Interior Girder 4	37.6	0.95	1	1	3.46172
SU7_serv	BOBJ1	9	37.6	After	Interior Girder 5	37.6	0.95	1	1	3.532828
SU7_serv	BOBJ1	9	37.6	After	Interior Girder 6	37.6	0.95	1	1	3.845741
SU7_serv	BOBJ1	9	37.6	After	Right Exterior Girder	37.6	0.95	1	1	4.264433
SU7_serv	BOBJ1	10	47.01	Before	Left Exterior Girder	47.01	0.95	1	1	3.821277
SU7_serv	BOBJ1	10	47.01	Before	Interior Girder 1	47.01	0.95	1	1	3.936935
SU7_serv	BOBJ1	10	47.01	Before	Interior Girder 2	47.01	0.95	1	1	3.890339
SU7_serv	BOBJ1	10	47.01	Before	Interior Girder 3	47.01	0.95	1	1	3.823356
SU7_serv	BOBJ1	10	47.01	Before	Interior Girder 4	47.01	0.95	1	1	3.823356
SU7_serv	BOBJ1	10	47.01	Before	Interior Girder 5	47.01	0.95	1	1	3.890339
SU7_serv	BOBJ1	10	47.01	Before	Interior Girder 6	47.01	0.95	1	1	3.936935
SU7_serv	BOBJ1	10	47.01	Before	Right Exterior Girder	47.01	0.95	1	1	3.821277

TABLE: Bridge Super Rating AASHTORATE18 31 - SteelICompServ-Flx - Approach, Span 7-11										
Request	BridgeObj	BridgeCut	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	Unitless	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
SU7_serv	BOBJ1	11	47.01	After	Left Exterior Girder	47.01	0.95	1	1	3.894794
SU7_serv	BOBJ1	11	47.01	After	Interior Girder 1	47.01	0.95	1	1	3.877262
SU7_serv	BOBJ1	11	47.01	After	Interior Girder 2	47.01	0.95	1	1	3.848433
SU7_serv	BOBJ1	11	47.01	After	Interior Girder 3	47.01	0.95	1	1	3.808706
SU7_serv	BOBJ1	11	47.01	After	Interior Girder 4	47.01	0.95	1	1	3.808706
SU7_serv	BOBJ1	11	47.01	After	Interior Girder 5	47.01	0.95	1	1	3.848433
SU7_serv	BOBJ1	11	47.01	After	Interior Girder 6	47.01	0.95	1	1	3.877262
SU7_serv	BOBJ1	11	47.01	After	Right Exterior Girder	47.01	0.95	1	1	3.894794
SU7_serv	BOBJ1	12	49.42	Before	Left Exterior Girder	49.42	0.95	1	1	3.325019
SU7_serv	BOBJ1	12	49.42	Before	Right Exterior Girder	49.42	0.95	1	1	3.325019
SU7_serv	BOBJ1	13	49.42	After	Left Exterior Girder	49.42	0.95	1	1	5.747997
SU7_serv	BOBJ1	13	49.42	After	Right Exterior Girder	49.42	0.95	1	1	5.747997
SU7_serv	BOBJ1	14	51.92	Before	Interior Girder 1	51.92	0.95	1	1	3.058726
SU7_serv	BOBJ1	14	51.92	Before	Interior Girder 2	51.92	0.95	1	1	3.016906
SU7_serv	BOBJ1	14	51.92	Before	Interior Girder 3	51.92	0.95	1	1	2.847848
SU7_serv	BOBJ1	14	51.92	Before	Interior Girder 4	51.92	0.95	1	1	2.847848
SU7_serv	BOBJ1	14	51.92	Before	Interior Girder 5	51.92	0.95	1	1	3.016906
SU7_serv	BOBJ1	14	51.92	Before	Interior Girder 6	51.92	0.95	1	1	3.058726
SU7_serv	BOBJ1	15	51.92	After	Interior Girder 1	51.92	0.95	1	1	3.751871
SU7_serv	BOBJ1	15	51.92	After	Interior Girder 2	51.92	0.95	1	1	3.626242
SU7_serv	BOBJ1	15	51.92	After	Interior Girder 3	51.92	0.95	1	1	3.447728
SU7_serv	BOBJ1	15	51.92	After	Interior Girder 4	51.92	0.95	1	1	3.447728
SU7_serv	BOBJ1	15	51.92	After	Interior Girder 5	51.92	0.95	1	1	3.626242
SU7_serv	BOBJ1	15	51.92	After	Interior Girder 6	51.92	0.95	1	1	3.751871
SU7_serv	BOBJ1	16	56.42	Before	Left Exterior Girder	56.42	0.95	1	1	4.069151
SU7_serv	BOBJ1	16	56.42	Before	Interior Girder 1	56.42	0.95	1	1	2.962252
SU7_serv	BOBJ1	16	56.42	Before	Interior Girder 2	56.42	0.95	1	1	2.738347
SU7_serv	BOBJ1	16	56.42	Before	Interior Girder 3	56.42	0.95	1	1	2.292971
SU7_serv	BOBJ1	16	56.42	Before	Interior Girder 4	56.42	0.95	1	1	2.292971
SU7_serv	BOBJ1	16	56.42	Before	Interior Girder 5	56.42	0.95	1	1	2.738347
SU7_serv	BOBJ1	16	56.42	Before	Interior Girder 6	56.42	0.95	1	1	2.962252
SU7_serv	BOBJ1	16	56.42	Before	Right Exterior Girder	56.42	0.95	1	1	4.069151
SU7_serv	BOBJ1	17	56.42	After	Left Exterior Girder	0	0.95	1	1	3.992834
SU7_serv	BOBJ1	17	56.42	After	Interior Girder 1	0	0.95	1	1	2.748438
SU7_serv	BOBJ1	17	56.42	After	Interior Girder 2	0	0.95	1	1	2.616494
SU7_serv	BOBJ1	17	56.42	After	Interior Girder 3	0	0.95	1	1	2.222742
SU7_serv	BOBJ1	17	56.42	After	Interior Girder 4	0	0.95	1	1	2.222742
SU7_serv	BOBJ1	17	56.42	After	Interior Girder 5	0	0.95	1	1	2.616494
SU7_serv	BOBJ1	17	56.42	After	Interior Girder 6	0	0.95	1	1	2.748438
SU7_serv	BOBJ1	17	56.42	After	Right Exterior Girder	0	0.95	1	1	3.992834
SU7_serv	BOBJ1	18	60.92	Before	Interior Girder 1	4.5	0.95	1	1	4.346997
SU7_serv	BOBJ1	18	60.92	Before	Interior Girder 2	4.5	0.95	1	1	4.077695
SU7_serv	BOBJ1	18	60.92	Before	Interior Girder 3	4.5	0.95	1	1	3.740719
SU7_serv	BOBJ1	18	60.92	Before	Interior Girder 4	4.5	0.95	1	1	3.740719
SU7_serv	BOBJ1	18	60.92	Before	Interior Girder 5	4.5	0.95	1	1	4.077695
SU7_serv	BOBJ1	18	60.92	Before	Interior Girder 6	4.5	0.95	1	1	4.346997
SU7_serv	BOBJ1	19	60.92	After	Interior Girder 1	4.5	0.95	1	1	3.553262
SU7_serv	BOBJ1	19	60.92	After	Interior Girder 2	4.5	0.95	1	1	3.400516
SU7_serv	BOBJ1	19	60.92	After	Interior Girder 3	4.5	0.95	1	1	3.098069
SU7_serv	BOBJ1	19	60.92	After	Interior Girder 4	4.5	0.95	1	1	3.098069
SU7_serv	BOBJ1	19	60.92	After	Interior Girder 5	4.5	0.95	1	1	3.400516
SU7_serv	BOBJ1	19	60.92	After	Interior Girder 6	4.5	0.95	1	1	3.553262
SU7_serv	BOBJ1	20	63.42	Before	Left Exterior Girder	7	0.95	1	1	7.089935
SU7_serv	BOBJ1	20	63.42	Before	Right Exterior Girder	7	0.95	1	1	7.089935
SU7_serv	BOBJ1	21	63.42	After	Left Exterior Girder	7	0.95	1	1	4.080693
SU7_serv	BOBJ1	21	63.42	After	Right Exterior Girder	7	0.95	1	1	4.080693
SU7_serv	BOBJ1	22	64.845	Before	Left Exterior Girder	8.425	0.95	1	1	4.46253
SU7_serv	BOBJ1	22	64.845	Before	Interior Girder 1	8.425	0.95	1	1	4.333237
SU7_serv	BOBJ1	22	64.845	Before	Interior Girder 2	8.425	0.95	1	1	4.140912
SU7_serv	BOBJ1	22	64.845	Before	Interior Girder 3	8.425	0.95	1	1	4.013758
SU7_serv	BOBJ1	22	64.845	Before	Interior Girder 4	8.425	0.95	1	1	4.013758
SU7_serv	BOBJ1	22	64.845	Before	Interior Girder 5	8.425	0.95	1	1	4.140912
SU7_serv	BOBJ1	22	64.845	Before	Interior Girder 6	8.425	0.95	1	1	4.333237
SU7_serv	BOBJ1	22	64.845	Before	Right Exterior Girder	8.425	0.95	1	1	4.46253
SU7_serv	BOBJ1	23	64.845	After	Left Exterior Girder	8.425	0.95	1	1	4.422827
SU7_serv	BOBJ1	23	64.845	After	Interior Girder 1	8.425	0.95	1	1	4.379635
SU7_serv	BOBJ1	23	64.845	After	Interior Girder 2	8.425	0.95	1	1	4.184468
SU7_serv	BOBJ1	23	64.845	After	Interior Girder 3	8.425	0.95	1	1	4.040882
SU7_serv	BOBJ1	23	64.845	After	Interior Girder 4	8.425	0.95	1	1	4.040882
SU7_serv	BOBJ1	23	64.845	After	Interior Girder 5	8.425	0.95	1	1	4.184468
SU7_serv	BOBJ1	23	64.845	After	Interior Girder 6	8.425	0.95	1	1	4.379635
SU7_serv	BOBJ1	23	64.845	After	Right Exterior Girder	8.425	0.95	1	1	4.422827
SU7_serv	BOBJ1	24	69.92	Before	Left Exterior Girder	13.5	0.95	1	1	5.836156

TABLE: Bridge Super Rating AASHTORATE18 31 - SteelICompServ-Flx - Approach, Span 7-11										
Request	BridgeObj	BridgeCut	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	Unitless	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
SU7_serv	BOBJ1	24	69.92	Before	Interior Girder 1	13.5	0.95	1	1	5.453785
SU7_serv	BOBJ1	24	69.92	Before	Interior Girder 2	13.5	0.95	1	1	5.326936
SU7_serv	BOBJ1	24	69.92	Before	Interior Girder 3	13.5	0.95	1	1	5.482874
SU7_serv	BOBJ1	24	69.92	Before	Interior Girder 4	13.5	0.95	1	1	5.482874
SU7_serv	BOBJ1	24	69.92	Before	Interior Girder 5	13.5	0.95	1	1	5.326936
SU7_serv	BOBJ1	24	69.92	Before	Interior Girder 6	13.5	0.95	1	1	5.453785
SU7_serv	BOBJ1	24	69.92	Before	Right Exterior Girder	13.5	0.95	1	1	5.836156
SU7_serv	BOBJ1	25	69.92	After	Left Exterior Girder	13.5	0.95	1	1	5.01769
SU7_serv	BOBJ1	25	69.92	After	Interior Girder 1	13.5	0.95	1	1	5.097282
SU7_serv	BOBJ1	25	69.92	After	Interior Girder 2	13.5	0.95	1	1	4.996768
SU7_serv	BOBJ1	25	69.92	After	Interior Girder 3	13.5	0.95	1	1	5.123311
SU7_serv	BOBJ1	25	69.92	After	Interior Girder 4	13.5	0.95	1	1	5.123311
SU7_serv	BOBJ1	25	69.92	After	Interior Girder 5	13.5	0.95	1	1	4.996768
SU7_serv	BOBJ1	25	69.92	After	Interior Girder 6	13.5	0.95	1	1	5.097282
SU7_serv	BOBJ1	25	69.92	After	Right Exterior Girder	13.5	0.95	1	1	5.01769
SU7_serv	BOBJ1	26	73.27	Before	Left Exterior Girder	16.85	0.95	1	1	5.239093
SU7_serv	BOBJ1	26	73.27	Before	Interior Girder 1	16.85	0.95	1	1	4.588419
SU7_serv	BOBJ1	26	73.27	Before	Interior Girder 2	16.85	0.95	1	1	4.192574
SU7_serv	BOBJ1	26	73.27	Before	Interior Girder 3	16.85	0.95	1	1	4.131045
SU7_serv	BOBJ1	26	73.27	Before	Interior Girder 4	16.85	0.95	1	1	4.131045
SU7_serv	BOBJ1	26	73.27	Before	Interior Girder 5	16.85	0.95	1	1	4.192574
SU7_serv	BOBJ1	26	73.27	Before	Interior Girder 6	16.85	0.95	1	1	4.588419
SU7_serv	BOBJ1	26	73.27	Before	Right Exterior Girder	16.85	0.95	1	1	5.239093
SU7_serv	BOBJ1	27	73.27	After	Left Exterior Girder	16.85	0.95	1	1	5.348617
SU7_serv	BOBJ1	27	73.27	After	Interior Girder 1	16.85	0.95	1	1	4.512935
SU7_serv	BOBJ1	27	73.27	After	Interior Girder 2	16.85	0.95	1	1	4.170983
SU7_serv	BOBJ1	27	73.27	After	Interior Girder 3	16.85	0.95	1	1	4.148143
SU7_serv	BOBJ1	27	73.27	After	Interior Girder 4	16.85	0.95	1	1	4.148143
SU7_serv	BOBJ1	27	73.27	After	Interior Girder 5	16.85	0.95	1	1	4.170983
SU7_serv	BOBJ1	27	73.27	After	Interior Girder 6	16.85	0.95	1	1	4.512935
SU7_serv	BOBJ1	27	73.27	After	Right Exterior Girder	16.85	0.95	1	1	5.348617
SU7_serv	BOBJ1	28	81.695	Before	Left Exterior Girder	25.275	0.95	1	1	3.275874
SU7_serv	BOBJ1	28	81.695	Before	Interior Girder 1	25.275	0.95	1	1	2.774072
SU7_serv	BOBJ1	28	81.695	Before	Interior Girder 2	25.275	0.95	1	1	2.667326
SU7_serv	BOBJ1	28	81.695	Before	Interior Girder 3	25.275	0.95	1	1	2.608028
SU7_serv	BOBJ1	28	81.695	Before	Interior Girder 4	25.275	0.95	1	1	2.608028
SU7_serv	BOBJ1	28	81.695	Before	Interior Girder 5	25.275	0.95	1	1	2.667326
SU7_serv	BOBJ1	28	81.695	Before	Interior Girder 6	25.275	0.95	1	1	2.774072
SU7_serv	BOBJ1	28	81.695	Before	Right Exterior Girder	25.275	0.95	1	1	3.275874
SU7_serv	BOBJ1	29	81.695	After	Left Exterior Girder	25.275	0.95	1	1	3.317892
SU7_serv	BOBJ1	29	81.695	After	Interior Girder 1	25.275	0.95	1	1	2.751233
SU7_serv	BOBJ1	29	81.695	After	Interior Girder 2	25.275	0.95	1	1	2.667955
SU7_serv	BOBJ1	29	81.695	After	Interior Girder 3	25.275	0.95	1	1	2.633753
SU7_serv	BOBJ1	29	81.695	After	Interior Girder 4	25.275	0.95	1	1	2.633753
SU7_serv	BOBJ1	29	81.695	After	Interior Girder 5	25.275	0.95	1	1	2.667955
SU7_serv	BOBJ1	29	81.695	After	Interior Girder 6	25.275	0.95	1	1	2.751233
SU7_serv	BOBJ1	29	81.695	After	Right Exterior Girder	25.275	0.95	1	1	3.317892
SU7_serv	BOBJ1	30	90.12	Before	Left Exterior Girder	33.7	0.95	1	1	2.615599
SU7_serv	BOBJ1	30	90.12	Before	Interior Girder 1	33.7	0.95	1	1	2.575594
SU7_serv	BOBJ1	30	90.12	Before	Interior Girder 2	33.7	0.95	1	1	2.499441
SU7_serv	BOBJ1	30	90.12	Before	Interior Girder 3	33.7	0.95	1	1	2.530969
SU7_serv	BOBJ1	30	90.12	Before	Interior Girder 4	33.7	0.95	1	1	2.530969
SU7_serv	BOBJ1	30	90.12	Before	Interior Girder 5	33.7	0.95	1	1	2.499441
SU7_serv	BOBJ1	30	90.12	Before	Interior Girder 6	33.7	0.95	1	1	2.575594
SU7_serv	BOBJ1	30	90.12	Before	Right Exterior Girder	33.7	0.95	1	1	2.615599
SU7_serv	BOBJ1	31	90.12	After	Left Exterior Girder	33.7	0.95	1	1	2.618892
SU7_serv	BOBJ1	31	90.12	After	Interior Girder 1	33.7	0.95	1	1	2.574129
SU7_serv	BOBJ1	31	90.12	After	Interior Girder 2	33.7	0.95	1	1	2.496766
SU7_serv	BOBJ1	31	90.12	After	Interior Girder 3	33.7	0.95	1	1	2.529948
SU7_serv	BOBJ1	31	90.12	After	Interior Girder 4	33.7	0.95	1	1	2.529948
SU7_serv	BOBJ1	31	90.12	After	Interior Girder 5	33.7	0.95	1	1	2.496766
SU7_serv	BOBJ1	31	90.12	After	Interior Girder 6	33.7	0.95	1	1	2.574129
SU7_serv	BOBJ1	31	90.12	After	Right Exterior Girder	33.7	0.95	1	1	2.618892
SU7_serv	BOBJ1	32	98.545	Before	Left Exterior Girder	42.125	0.95	1	1	3.232033
SU7_serv	BOBJ1	32	98.545	Before	Interior Girder 1	42.125	0.95	1	1	2.717141
SU7_serv	BOBJ1	32	98.545	Before	Interior Girder 2	42.125	0.95	1	1	2.641883
SU7_serv	BOBJ1	32	98.545	Before	Interior Girder 3	42.125	0.95	1	1	2.609725
SU7_serv	BOBJ1	32	98.545	Before	Interior Girder 4	42.125	0.95	1	1	2.609725
SU7_serv	BOBJ1	32	98.545	Before	Interior Girder 5	42.125	0.95	1	1	2.641883
SU7_serv	BOBJ1	32	98.545	Before	Interior Girder 6	42.125	0.95	1	1	2.717141
SU7_serv	BOBJ1	32	98.545	Before	Right Exterior Girder	42.125	0.95	1	1	3.232033
SU7_serv	BOBJ1	33	98.545	After	Left Exterior Girder	42.125	0.95	1	1	3.199313
SU7_serv	BOBJ1	33	98.545	After	Interior Girder 1	42.125	0.95	1	1	2.737169

TABLE: Bridge Super Rating AASHTORATE18 31 - SteelICompServ-Flx - Approach, Span 7-11										
Request	BridgeObj	BridgeCut	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	Unitless	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
SU7_serv	BOBJ1	33	98.545	After	Interior Girder 2	42.125	0.95	1	1	2.643085
SU7_serv	BOBJ1	33	98.545	After	Interior Girder 3	42.125	0.95	1	1	2.591086
SU7_serv	BOBJ1	33	98.545	After	Interior Girder 4	42.125	0.95	1	1	2.591086
SU7_serv	BOBJ1	33	98.545	After	Interior Girder 5	42.125	0.95	1	1	2.643085
SU7_serv	BOBJ1	33	98.545	After	Interior Girder 6	42.125	0.95	1	1	2.737169
SU7_serv	BOBJ1	33	98.545	After	Right Exterior Girder	42.125	0.95	1	1	3.199313
SU7_serv	BOBJ1	34	106.97	Before	Left Exterior Girder	50.55	0.95	1	1	5.041368
SU7_serv	BOBJ1	34	106.97	Before	Interior Girder 1	50.55	0.95	1	1	4.365598
SU7_serv	BOBJ1	34	106.97	Before	Interior Girder 2	50.55	0.95	1	1	4.081224
SU7_serv	BOBJ1	34	106.97	Before	Interior Girder 3	50.55	0.95	1	1	4.064408
SU7_serv	BOBJ1	34	106.97	Before	Interior Girder 4	50.55	0.95	1	1	4.064408
SU7_serv	BOBJ1	34	106.97	Before	Interior Girder 5	50.55	0.95	1	1	4.081224
SU7_serv	BOBJ1	34	106.97	Before	Interior Girder 6	50.55	0.95	1	1	4.365598
SU7_serv	BOBJ1	34	106.97	Before	Right Exterior Girder	50.55	0.95	1	1	5.041368
SU7_serv	BOBJ1	35	106.97	After	Left Exterior Girder	50.55	0.95	1	1	4.931581
SU7_serv	BOBJ1	35	106.97	After	Interior Girder 1	50.55	0.95	1	1	4.435103
SU7_serv	BOBJ1	35	106.97	After	Interior Girder 2	50.55	0.95	1	1	4.076335
SU7_serv	BOBJ1	35	106.97	After	Interior Girder 3	50.55	0.95	1	1	4.001917
SU7_serv	BOBJ1	35	106.97	After	Interior Girder 4	50.55	0.95	1	1	4.001917
SU7_serv	BOBJ1	35	106.97	After	Interior Girder 5	50.55	0.95	1	1	4.076335
SU7_serv	BOBJ1	35	106.97	After	Interior Girder 6	50.55	0.95	1	1	4.435103
SU7_serv	BOBJ1	35	106.97	After	Right Exterior Girder	50.55	0.95	1	1	4.931581
SU7_serv	BOBJ1	36	115.405	Before	Left Exterior Girder	58.985	0.95	1	1	3.300237
SU7_serv	BOBJ1	36	115.405	Before	Interior Girder 1	58.985	0.95	1	1	3.614909
SU7_serv	BOBJ1	36	115.405	Before	Interior Girder 2	58.985	0.95	1	1	3.581247
SU7_serv	BOBJ1	36	115.405	Before	Interior Girder 3	58.985	0.95	1	1	3.48983
SU7_serv	BOBJ1	36	115.405	Before	Interior Girder 4	58.985	0.95	1	1	3.48983
SU7_serv	BOBJ1	36	115.405	Before	Interior Girder 5	58.985	0.95	1	1	3.581247
SU7_serv	BOBJ1	36	115.405	Before	Interior Girder 6	58.985	0.95	1	1	3.614909
SU7_serv	BOBJ1	36	115.405	Before	Right Exterior Girder	58.985	0.95	1	1	3.300237
SU7_serv	BOBJ1	37	115.405	After	Left Exterior Girder	58.985	0.95	1	1	3.373482
SU7_serv	BOBJ1	37	115.405	After	Interior Girder 1	58.985	0.95	1	1	3.553026
SU7_serv	BOBJ1	37	115.405	After	Interior Girder 2	58.985	0.95	1	1	3.548756
SU7_serv	BOBJ1	37	115.405	After	Interior Girder 3	58.985	0.95	1	1	3.478253
SU7_serv	BOBJ1	37	115.405	After	Interior Girder 4	58.985	0.95	1	1	3.478253
SU7_serv	BOBJ1	37	115.405	After	Interior Girder 5	58.985	0.95	1	1	3.548756
SU7_serv	BOBJ1	37	115.405	After	Interior Girder 6	58.985	0.95	1	1	3.553026
SU7_serv	BOBJ1	37	115.405	After	Right Exterior Girder	58.985	0.95	1	1	3.373482
SU7_serv	BOBJ1	38	116.34	Before	Left Exterior Girder	59.92	0.95	1	1	3.130532
SU7_serv	BOBJ1	38	116.34	Before	Right Exterior Girder	59.92	0.95	1	1	3.130532
SU7_serv	BOBJ1	39	116.34	After	Left Exterior Girder	59.92	0.95	1	1	6.216756
SU7_serv	BOBJ1	39	116.34	After	Right Exterior Girder	59.92	0.95	1	1	6.216756
SU7_serv	BOBJ1	40	118.84	Before	Interior Girder 1	62.42	0.95	1	1	3.003368
SU7_serv	BOBJ1	40	118.84	Before	Interior Girder 2	62.42	0.95	1	1	2.976242
SU7_serv	BOBJ1	40	118.84	Before	Interior Girder 3	62.42	0.95	1	1	2.8018
SU7_serv	BOBJ1	40	118.84	Before	Interior Girder 4	62.42	0.95	1	1	2.8018
SU7_serv	BOBJ1	40	118.84	Before	Interior Girder 5	62.42	0.95	1	1	2.976242
SU7_serv	BOBJ1	40	118.84	Before	Interior Girder 6	62.42	0.95	1	1	3.003368
SU7_serv	BOBJ1	41	118.84	After	Interior Girder 1	62.42	0.95	1	1	4.197567
SU7_serv	BOBJ1	41	118.84	After	Interior Girder 2	62.42	0.95	1	1	4.060116
SU7_serv	BOBJ1	41	118.84	After	Interior Girder 3	62.42	0.95	1	1	3.864535
SU7_serv	BOBJ1	41	118.84	After	Interior Girder 4	62.42	0.95	1	1	3.864535
SU7_serv	BOBJ1	41	118.84	After	Interior Girder 5	62.42	0.95	1	1	4.060116
SU7_serv	BOBJ1	41	118.84	After	Interior Girder 6	62.42	0.95	1	1	4.197567
SU7_serv	BOBJ1	42	123.84	Before	Left Exterior Girder	67.42	0.95	1	1	4.136844
SU7_serv	BOBJ1	42	123.84	Before	Interior Girder 1	67.42	0.95	1	1	3.07736
SU7_serv	BOBJ1	42	123.84	Before	Interior Girder 2	67.42	0.95	1	1	2.896344
SU7_serv	BOBJ1	42	123.84	Before	Interior Girder 3	67.42	0.95	1	1	2.425879
SU7_serv	BOBJ1	42	123.84	Before	Interior Girder 4	67.42	0.95	1	1	2.425879
SU7_serv	BOBJ1	42	123.84	Before	Interior Girder 5	67.42	0.95	1	1	2.896344
SU7_serv	BOBJ1	42	123.84	Before	Interior Girder 6	67.42	0.95	1	1	3.07736
SU7_serv	BOBJ1	42	123.84	Before	Right Exterior Girder	67.42	0.95	1	1	4.136844
SU7_serv	BOBJ1	43	123.84	After	Left Exterior Girder	0	0.95	1	1	4.097224
SU7_serv	BOBJ1	43	123.84	After	Interior Girder 1	0	0.95	1	1	3.026909
SU7_serv	BOBJ1	43	123.84	After	Interior Girder 2	0	0.95	1	1	2.876952
SU7_serv	BOBJ1	43	123.84	After	Interior Girder 3	0	0.95	1	1	2.416631
SU7_serv	BOBJ1	43	123.84	After	Interior Girder 4	0	0.95	1	1	2.416631
SU7_serv	BOBJ1	43	123.84	After	Interior Girder 5	0	0.95	1	1	2.876952
SU7_serv	BOBJ1	43	123.84	After	Interior Girder 6	0	0.95	1	1	3.026909
SU7_serv	BOBJ1	43	123.84	After	Right Exterior Girder	0	0.95	1	1	4.097224
SU7_serv	BOBJ1	44	128.84	Before	Interior Girder 1	5	0.95	1	1	4.291986
SU7_serv	BOBJ1	44	128.84	Before	Interior Girder 2	5	0.95	1	1	4.132398
SU7_serv	BOBJ1	44	128.84	Before	Interior Girder 3	5	0.95	1	1	3.912723

TABLE: Bridge Super Rating AASHTORATE18 31 - SteelICompServ-Flx - Approach, Span 7-11										
Request	BridgeObj	BridgeCut	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	Unitless	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
SU7_serv	BOBJ1	44	128.84	Before	Interior Girder 4	5	0.95	1	1	3.912723
SU7_serv	BOBJ1	44	128.84	Before	Interior Girder 5	5	0.95	1	1	4.132398
SU7_serv	BOBJ1	44	128.84	Before	Interior Girder 6	5	0.95	1	1	4.291986
SU7_serv	BOBJ1	45	128.84	After	Interior Girder 1	5	0.95	1	1	3.076005
SU7_serv	BOBJ1	45	128.84	After	Interior Girder 2	5	0.95	1	1	3.032682
SU7_serv	BOBJ1	45	128.84	After	Interior Girder 3	5	0.95	1	1	2.846666
SU7_serv	BOBJ1	45	128.84	After	Interior Girder 4	5	0.95	1	1	2.846666
SU7_serv	BOBJ1	45	128.84	After	Interior Girder 5	5	0.95	1	1	3.032682
SU7_serv	BOBJ1	45	128.84	After	Interior Girder 6	5	0.95	1	1	3.076005
SU7_serv	BOBJ1	46	131.34	Before	Left Exterior Girder	7.5	0.95	1	1	6.398298
SU7_serv	BOBJ1	46	131.34	Before	Right Exterior Girder	7.5	0.95	1	1	6.398298
SU7_serv	BOBJ1	47	131.34	After	Left Exterior Girder	7.5	0.95	1	1	3.224333
SU7_serv	BOBJ1	47	131.34	After	Right Exterior Girder	7.5	0.95	1	1	3.224333
SU7_serv	BOBJ1	48	132.265	Before	Left Exterior Girder	8.425	0.95	1	1	3.458593
SU7_serv	BOBJ1	48	132.265	Before	Interior Girder 1	8.425	0.95	1	1	3.636255
SU7_serv	BOBJ1	48	132.265	Before	Interior Girder 2	8.425	0.95	1	1	3.614903
SU7_serv	BOBJ1	48	132.265	Before	Interior Girder 3	8.425	0.95	1	1	3.535609
SU7_serv	BOBJ1	48	132.265	Before	Interior Girder 4	8.425	0.95	1	1	3.535609
SU7_serv	BOBJ1	48	132.265	Before	Interior Girder 5	8.425	0.95	1	1	3.614903
SU7_serv	BOBJ1	48	132.265	Before	Interior Girder 6	8.425	0.95	1	1	3.636255
SU7_serv	BOBJ1	48	132.265	Before	Right Exterior Girder	8.425	0.95	1	1	3.458593
SU7_serv	BOBJ1	49	132.265	After	Left Exterior Girder	8.425	0.95	1	1	3.383663
SU7_serv	BOBJ1	49	132.265	After	Interior Girder 1	8.425	0.95	1	1	3.698979
SU7_serv	BOBJ1	49	132.265	After	Interior Girder 2	8.425	0.95	1	1	3.648472
SU7_serv	BOBJ1	49	132.265	After	Interior Girder 3	8.425	0.95	1	1	3.549034
SU7_serv	BOBJ1	49	132.265	After	Interior Girder 4	8.425	0.95	1	1	3.549034
SU7_serv	BOBJ1	49	132.265	After	Interior Girder 5	8.425	0.95	1	1	3.648472
SU7_serv	BOBJ1	49	132.265	After	Interior Girder 6	8.425	0.95	1	1	3.698979
SU7_serv	BOBJ1	49	132.265	After	Right Exterior Girder	8.425	0.95	1	1	3.383663
SU7_serv	BOBJ1	50	140.69	Before	Left Exterior Girder	16.85	0.95	1	1	4.974926
SU7_serv	BOBJ1	50	140.69	Before	Interior Girder 1	16.85	0.95	1	1	4.448907
SU7_serv	BOBJ1	50	140.69	Before	Interior Girder 2	16.85	0.95	1	1	4.089421
SU7_serv	BOBJ1	50	140.69	Before	Interior Girder 3	16.85	0.95	1	1	4.019052
SU7_serv	BOBJ1	50	140.69	Before	Interior Girder 4	16.85	0.95	1	1	4.019052
SU7_serv	BOBJ1	50	140.69	Before	Interior Girder 5	16.85	0.95	1	1	4.089421
SU7_serv	BOBJ1	50	140.69	Before	Interior Girder 6	16.85	0.95	1	1	4.448907
SU7_serv	BOBJ1	50	140.69	Before	Right Exterior Girder	16.85	0.95	1	1	4.974926
SU7_serv	BOBJ1	51	140.69	After	Left Exterior Girder	16.85	0.95	1	1	5.089602
SU7_serv	BOBJ1	51	140.69	After	Interior Girder 1	16.85	0.95	1	1	4.37965
SU7_serv	BOBJ1	51	140.69	After	Interior Girder 2	16.85	0.95	1	1	4.093252
SU7_serv	BOBJ1	51	140.69	After	Interior Girder 3	16.85	0.95	1	1	4.080933
SU7_serv	BOBJ1	51	140.69	After	Interior Girder 4	16.85	0.95	1	1	4.080933
SU7_serv	BOBJ1	51	140.69	After	Interior Girder 5	16.85	0.95	1	1	4.093252
SU7_serv	BOBJ1	51	140.69	After	Interior Girder 6	16.85	0.95	1	1	4.37965
SU7_serv	BOBJ1	51	140.69	After	Right Exterior Girder	16.85	0.95	1	1	5.089602
SU7_serv	BOBJ1	52	149.115	Before	Left Exterior Girder	25.275	0.95	1	1	3.184908
SU7_serv	BOBJ1	52	149.115	Before	Interior Girder 1	25.275	0.95	1	1	2.722368
SU7_serv	BOBJ1	52	149.115	Before	Interior Girder 2	25.275	0.95	1	1	2.635179
SU7_serv	BOBJ1	52	149.115	Before	Interior Girder 3	25.275	0.95	1	1	2.589502
SU7_serv	BOBJ1	52	149.115	Before	Interior Girder 4	25.275	0.95	1	1	2.589502
SU7_serv	BOBJ1	52	149.115	Before	Interior Girder 5	25.275	0.95	1	1	2.635179
SU7_serv	BOBJ1	52	149.115	Before	Interior Girder 6	25.275	0.95	1	1	2.722368
SU7_serv	BOBJ1	52	149.115	Before	Right Exterior Girder	25.275	0.95	1	1	3.184908
SU7_serv	BOBJ1	53	149.115	After	Left Exterior Girder	25.275	0.95	1	1	3.220036
SU7_serv	BOBJ1	53	149.115	After	Interior Girder 1	25.275	0.95	1	1	2.702871
SU7_serv	BOBJ1	53	149.115	After	Interior Girder 2	25.275	0.95	1	1	2.632819
SU7_serv	BOBJ1	53	149.115	After	Interior Girder 3	25.275	0.95	1	1	2.607211
SU7_serv	BOBJ1	53	149.115	After	Interior Girder 4	25.275	0.95	1	1	2.607211
SU7_serv	BOBJ1	53	149.115	After	Interior Girder 5	25.275	0.95	1	1	2.632819
SU7_serv	BOBJ1	53	149.115	After	Interior Girder 6	25.275	0.95	1	1	2.702871
SU7_serv	BOBJ1	53	149.115	After	Right Exterior Girder	25.275	0.95	1	1	3.220036
SU7_serv	BOBJ1	54	157.54	Before	Left Exterior Girder	33.7	0.95	1	1	2.579374
SU7_serv	BOBJ1	54	157.54	Before	Interior Girder 1	33.7	0.95	1	1	2.538922
SU7_serv	BOBJ1	54	157.54	Before	Interior Girder 2	33.7	0.95	1	1	2.476912
SU7_serv	BOBJ1	54	157.54	Before	Interior Girder 3	33.7	0.95	1	1	2.519521
SU7_serv	BOBJ1	54	157.54	Before	Interior Girder 4	33.7	0.95	1	1	2.519521
SU7_serv	BOBJ1	54	157.54	Before	Interior Girder 5	33.7	0.95	1	1	2.476912
SU7_serv	BOBJ1	54	157.54	Before	Interior Girder 6	33.7	0.95	1	1	2.538922
SU7_serv	BOBJ1	54	157.54	Before	Right Exterior Girder	33.7	0.95	1	1	2.579374
SU7_serv	BOBJ1	55	157.54	After	Left Exterior Girder	33.7	0.95	1	1	2.579514
SU7_serv	BOBJ1	55	157.54	After	Interior Girder 1	33.7	0.95	1	1	2.538875
SU7_serv	BOBJ1	55	157.54	After	Interior Girder 2	33.7	0.95	1	1	2.476877
SU7_serv	BOBJ1	55	157.54	After	Interior Girder 3	33.7	0.95	1	1	2.519559

TABLE: Bridge Super Rating AASHTORATE18 31 - SteelICompServ-Flx - Approach, Span 7-11										
Request	BridgeObj	BridgeCut	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	Unitless	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
SU7_serv	BOBJ1	55	157.54	After	Interior Girder 4	33.7	0.95	1	1	2.519559
SU7_serv	BOBJ1	55	157.54	After	Interior Girder 5	33.7	0.95	1	1	2.476877
SU7_serv	BOBJ1	55	157.54	After	Interior Girder 6	33.7	0.95	1	1	2.538875
SU7_serv	BOBJ1	55	157.54	After	Right Exterior Girder	33.7	0.95	1	1	2.579514
SU7_serv	BOBJ1	56	165.965	Before	Left Exterior Girder	42.125	0.95	1	1	3.217523
SU7_serv	BOBJ1	56	165.965	Before	Interior Girder 1	42.125	0.95	1	1	2.701783
SU7_serv	BOBJ1	56	165.965	Before	Interior Girder 2	42.125	0.95	1	1	2.631742
SU7_serv	BOBJ1	56	165.965	Before	Interior Girder 3	42.125	0.95	1	1	2.605942
SU7_serv	BOBJ1	56	165.965	Before	Interior Girder 4	42.125	0.95	1	1	2.605942
SU7_serv	BOBJ1	56	165.965	Before	Interior Girder 5	42.125	0.95	1	1	2.631742
SU7_serv	BOBJ1	56	165.965	Before	Interior Girder 6	42.125	0.95	1	1	2.701783
SU7_serv	BOBJ1	56	165.965	Before	Right Exterior Girder	42.125	0.95	1	1	3.217523
SU7_serv	BOBJ1	57	165.965	After	Left Exterior Girder	42.125	0.95	1	1	3.182747
SU7_serv	BOBJ1	57	165.965	After	Interior Girder 1	42.125	0.95	1	1	2.721173
SU7_serv	BOBJ1	57	165.965	After	Interior Girder 2	42.125	0.95	1	1	2.634123
SU7_serv	BOBJ1	57	165.965	After	Interior Girder 3	42.125	0.95	1	1	2.588432
SU7_serv	BOBJ1	57	165.965	After	Interior Girder 4	42.125	0.95	1	1	2.588432
SU7_serv	BOBJ1	57	165.965	After	Interior Girder 5	42.125	0.95	1	1	2.634123
SU7_serv	BOBJ1	57	165.965	After	Interior Girder 6	42.125	0.95	1	1	2.721173
SU7_serv	BOBJ1	57	165.965	After	Right Exterior Girder	42.125	0.95	1	1	3.182747
SU7_serv	BOBJ1	58	174.39	Before	Left Exterior Girder	50.55	0.95	1	1	5.079313
SU7_serv	BOBJ1	58	174.39	Before	Interior Girder 1	50.55	0.95	1	1	4.374492
SU7_serv	BOBJ1	58	174.39	Before	Interior Girder 2	50.55	0.95	1	1	4.088913
SU7_serv	BOBJ1	58	174.39	Before	Interior Girder 3	50.55	0.95	1	1	4.07576
SU7_serv	BOBJ1	58	174.39	Before	Interior Girder 4	50.55	0.95	1	1	4.07576
SU7_serv	BOBJ1	58	174.39	Before	Interior Girder 5	50.55	0.95	1	1	4.088913
SU7_serv	BOBJ1	58	174.39	Before	Interior Girder 6	50.55	0.95	1	1	4.374492
SU7_serv	BOBJ1	58	174.39	Before	Right Exterior Girder	50.55	0.95	1	1	5.079313
SU7_serv	BOBJ1	59	174.39	After	Left Exterior Girder	50.55	0.95	1	1	4.965137
SU7_serv	BOBJ1	59	174.39	After	Interior Girder 1	50.55	0.95	1	1	4.443771
SU7_serv	BOBJ1	59	174.39	After	Interior Girder 2	50.55	0.95	1	1	4.085135
SU7_serv	BOBJ1	59	174.39	After	Interior Girder 3	50.55	0.95	1	1	4.014088
SU7_serv	BOBJ1	59	174.39	After	Interior Girder 4	50.55	0.95	1	1	4.014088
SU7_serv	BOBJ1	59	174.39	After	Interior Girder 5	50.55	0.95	1	1	4.085135
SU7_serv	BOBJ1	59	174.39	After	Interior Girder 6	50.55	0.95	1	1	4.443771
SU7_serv	BOBJ1	59	174.39	After	Right Exterior Girder	50.55	0.95	1	1	4.965137
SU7_serv	BOBJ1	60	182.825	Before	Left Exterior Girder	58.985	0.95	1	1	3.387002
SU7_serv	BOBJ1	60	182.825	Before	Interior Girder 1	58.985	0.95	1	1	3.697437
SU7_serv	BOBJ1	60	182.825	Before	Interior Girder 2	58.985	0.95	1	1	3.646494
SU7_serv	BOBJ1	60	182.825	Before	Interior Girder 3	58.985	0.95	1	1	3.551167
SU7_serv	BOBJ1	60	182.825	Before	Interior Girder 4	58.985	0.95	1	1	3.551167
SU7_serv	BOBJ1	60	182.825	Before	Interior Girder 5	58.985	0.95	1	1	3.646494
SU7_serv	BOBJ1	60	182.825	Before	Interior Girder 6	58.985	0.95	1	1	3.697437
SU7_serv	BOBJ1	60	182.825	Before	Right Exterior Girder	58.985	0.95	1	1	3.387002
SU7_serv	BOBJ1	61	182.825	After	Left Exterior Girder	58.985	0.95	1	1	3.462186
SU7_serv	BOBJ1	61	182.825	After	Interior Girder 1	58.985	0.95	1	1	3.634737
SU7_serv	BOBJ1	61	182.825	After	Interior Girder 2	58.985	0.95	1	1	3.612849
SU7_serv	BOBJ1	61	182.825	After	Interior Girder 3	58.985	0.95	1	1	3.538055
SU7_serv	BOBJ1	61	182.825	After	Interior Girder 4	58.985	0.95	1	1	3.538055
SU7_serv	BOBJ1	61	182.825	After	Interior Girder 5	58.985	0.95	1	1	3.612849
SU7_serv	BOBJ1	61	182.825	After	Interior Girder 6	58.985	0.95	1	1	3.634737
SU7_serv	BOBJ1	61	182.825	After	Right Exterior Girder	58.985	0.95	1	1	3.462186
SU7_serv	BOBJ1	62	183.76	Before	Left Exterior Girder	59.92	0.95	1	1	3.213572
SU7_serv	BOBJ1	62	183.76	Before	Right Exterior Girder	59.92	0.95	1	1	3.213572
SU7_serv	BOBJ1	63	183.76	After	Left Exterior Girder	59.92	0.95	1	1	6.381796
SU7_serv	BOBJ1	63	183.76	After	Right Exterior Girder	59.92	0.95	1	1	6.381796
SU7_serv	BOBJ1	64	186.26	Before	Interior Girder 1	62.42	0.95	1	1	3.072161
SU7_serv	BOBJ1	64	186.26	Before	Interior Girder 2	62.42	0.95	1	1	3.028783
SU7_serv	BOBJ1	64	186.26	Before	Interior Girder 3	62.42	0.95	1	1	2.847231
SU7_serv	BOBJ1	64	186.26	Before	Interior Girder 4	62.42	0.95	1	1	2.847231
SU7_serv	BOBJ1	64	186.26	Before	Interior Girder 5	62.42	0.95	1	1	3.028783
SU7_serv	BOBJ1	64	186.26	Before	Interior Girder 6	62.42	0.95	1	1	3.072161
SU7_serv	BOBJ1	65	186.26	After	Interior Girder 1	62.42	0.95	1	1	4.287514
SU7_serv	BOBJ1	65	186.26	After	Interior Girder 2	62.42	0.95	1	1	4.127894
SU7_serv	BOBJ1	65	186.26	After	Interior Girder 3	62.42	0.95	1	1	3.914303
SU7_serv	BOBJ1	65	186.26	After	Interior Girder 4	62.42	0.95	1	1	3.914303
SU7_serv	BOBJ1	65	186.26	After	Interior Girder 5	62.42	0.95	1	1	4.127894
SU7_serv	BOBJ1	65	186.26	After	Interior Girder 6	62.42	0.95	1	1	4.287514
SU7_serv	BOBJ1	66	191.26	Before	Left Exterior Girder	67.42	0.95	1	1	4.099521
SU7_serv	BOBJ1	66	191.26	Before	Interior Girder 1	67.42	0.95	1	1	3.022282
SU7_serv	BOBJ1	66	191.26	Before	Interior Girder 2	67.42	0.95	1	1	2.871322
SU7_serv	BOBJ1	66	191.26	Before	Interior Girder 3	67.42	0.95	1	1	2.416806
SU7_serv	BOBJ1	66	191.26	Before	Interior Girder 4	67.42	0.95	1	1	2.416806

TABLE: Bridge Super Rating AASHTORATE18 31 - SteelICompServ-Flx - Approach, Span 7-11										
Request	BridgeObj	BridgeCut	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	Unitless	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
SU7_serv	BOBJ1	66	191.26	Before	Interior Girder 5	67.42	0.95	1	1	2.871322
SU7_serv	BOBJ1	66	191.26	Before	Interior Girder 6	67.42	0.95	1	1	3.022282
SU7_serv	BOBJ1	66	191.26	Before	Right Exterior Girder	67.42	0.95	1	1	4.099521
SU7_serv	BOBJ1	67	191.26	After	Left Exterior Girder	0	0.95	1	1	4.130911
SU7_serv	BOBJ1	67	191.26	After	Interior Girder 1	0	0.95	1	1	3.079466
SU7_serv	BOBJ1	67	191.26	After	Interior Girder 2	0	0.95	1	1	2.899965
SU7_serv	BOBJ1	67	191.26	After	Interior Girder 3	0	0.95	1	1	2.42436
SU7_serv	BOBJ1	67	191.26	After	Interior Girder 4	0	0.95	1	1	2.42436
SU7_serv	BOBJ1	67	191.26	After	Interior Girder 5	0	0.95	1	1	2.899965
SU7_serv	BOBJ1	67	191.26	After	Interior Girder 6	0	0.95	1	1	3.079466
SU7_serv	BOBJ1	67	191.26	After	Right Exterior Girder	0	0.95	1	1	4.130911
SU7_serv	BOBJ1	68	196.26	Before	Interior Girder 1	5	0.95	1	1	4.199465
SU7_serv	BOBJ1	68	196.26	Before	Interior Girder 2	5	0.95	1	1	4.062833
SU7_serv	BOBJ1	68	196.26	Before	Interior Girder 3	5	0.95	1	1	3.861559
SU7_serv	BOBJ1	68	196.26	Before	Interior Girder 4	5	0.95	1	1	3.861559
SU7_serv	BOBJ1	68	196.26	Before	Interior Girder 5	5	0.95	1	1	4.062833
SU7_serv	BOBJ1	68	196.26	Before	Interior Girder 6	5	0.95	1	1	4.199465
SU7_serv	BOBJ1	69	196.26	After	Interior Girder 1	5	0.95	1	1	3.004618
SU7_serv	BOBJ1	69	196.26	After	Interior Girder 2	5	0.95	1	1	2.978335
SU7_serv	BOBJ1	69	196.26	After	Interior Girder 3	5	0.95	1	1	2.799784
SU7_serv	BOBJ1	69	196.26	After	Interior Girder 4	5	0.95	1	1	2.799784
SU7_serv	BOBJ1	69	196.26	After	Interior Girder 5	5	0.95	1	1	2.978335
SU7_serv	BOBJ1	69	196.26	After	Interior Girder 6	5	0.95	1	1	3.004618
SU7_serv	BOBJ1	70	198.76	Before	Left Exterior Girder	7.5	0.95	1	1	6.230004
SU7_serv	BOBJ1	70	198.76	Before	Right Exterior Girder	7.5	0.95	1	1	6.230004
SU7_serv	BOBJ1	71	198.76	After	Left Exterior Girder	7.5	0.95	1	1	3.138099
SU7_serv	BOBJ1	71	198.76	After	Right Exterior Girder	7.5	0.95	1	1	3.138099
SU7_serv	BOBJ1	72	199.685	Before	Left Exterior Girder	8.425	0.95	1	1	3.367163
SU7_serv	BOBJ1	72	199.685	Before	Interior Girder 1	8.425	0.95	1	1	3.552317
SU7_serv	BOBJ1	72	199.685	Before	Interior Girder 2	8.425	0.95	1	1	3.549256
SU7_serv	BOBJ1	72	199.685	Before	Interior Girder 3	8.425	0.95	1	1	3.4746
SU7_serv	BOBJ1	72	199.685	Before	Interior Girder 4	8.425	0.95	1	1	3.4746
SU7_serv	BOBJ1	72	199.685	Before	Interior Girder 5	8.425	0.95	1	1	3.549256
SU7_serv	BOBJ1	72	199.685	Before	Interior Girder 6	8.425	0.95	1	1	3.552317
SU7_serv	BOBJ1	72	199.685	Before	Right Exterior Girder	8.425	0.95	1	1	3.367163
SU7_serv	BOBJ1	73	199.685	After	Left Exterior Girder	8.425	0.95	1	1	3.293997
SU7_serv	BOBJ1	73	199.685	After	Interior Girder 1	8.425	0.95	1	1	3.61426
SU7_serv	BOBJ1	73	199.685	After	Interior Girder 2	8.425	0.95	1	1	3.581686
SU7_serv	BOBJ1	73	199.685	After	Interior Girder 3	8.425	0.95	1	1	3.486558
SU7_serv	BOBJ1	73	199.685	After	Interior Girder 4	8.425	0.95	1	1	3.486558
SU7_serv	BOBJ1	73	199.685	After	Interior Girder 5	8.425	0.95	1	1	3.581686
SU7_serv	BOBJ1	73	199.685	After	Interior Girder 6	8.425	0.95	1	1	3.61426
SU7_serv	BOBJ1	73	199.685	After	Right Exterior Girder	8.425	0.95	1	1	3.293997
SU7_serv	BOBJ1	74	208.11	Before	Left Exterior Girder	16.85	0.95	1	1	4.942494
SU7_serv	BOBJ1	74	208.11	Before	Interior Girder 1	16.85	0.95	1	1	4.440914
SU7_serv	BOBJ1	74	208.11	Before	Interior Girder 2	16.85	0.95	1	1	4.081031
SU7_serv	BOBJ1	74	208.11	Before	Interior Girder 3	16.85	0.95	1	1	4.007179
SU7_serv	BOBJ1	74	208.11	Before	Interior Girder 4	16.85	0.95	1	1	4.007179
SU7_serv	BOBJ1	74	208.11	Before	Interior Girder 5	16.85	0.95	1	1	4.081031
SU7_serv	BOBJ1	74	208.11	Before	Interior Girder 6	16.85	0.95	1	1	4.440914
SU7_serv	BOBJ1	74	208.11	Before	Right Exterior Girder	16.85	0.95	1	1	4.942494
SU7_serv	BOBJ1	75	208.11	After	Left Exterior Girder	16.85	0.95	1	1	5.053036
SU7_serv	BOBJ1	75	208.11	After	Interior Girder 1	16.85	0.95	1	1	4.371403
SU7_serv	BOBJ1	75	208.11	After	Interior Girder 2	16.85	0.95	1	1	4.08593
SU7_serv	BOBJ1	75	208.11	After	Interior Girder 3	16.85	0.95	1	1	4.069769
SU7_serv	BOBJ1	75	208.11	After	Interior Girder 4	16.85	0.95	1	1	4.069769
SU7_serv	BOBJ1	75	208.11	After	Interior Girder 5	16.85	0.95	1	1	4.08593
SU7_serv	BOBJ1	75	208.11	After	Interior Girder 6	16.85	0.95	1	1	4.371403
SU7_serv	BOBJ1	75	208.11	After	Right Exterior Girder	16.85	0.95	1	1	5.053036
SU7_serv	BOBJ1	76	216.535	Before	Left Exterior Girder	25.275	0.95	1	1	3.200863
SU7_serv	BOBJ1	76	216.535	Before	Interior Girder 1	25.275	0.95	1	1	2.737854
SU7_serv	BOBJ1	76	216.535	Before	Interior Girder 2	25.275	0.95	1	1	2.643784
SU7_serv	BOBJ1	76	216.535	Before	Interior Girder 3	25.275	0.95	1	1	2.591893
SU7_serv	BOBJ1	76	216.535	Before	Interior Girder 4	25.275	0.95	1	1	2.591893
SU7_serv	BOBJ1	76	216.535	Before	Interior Girder 5	25.275	0.95	1	1	2.643784
SU7_serv	BOBJ1	76	216.535	Before	Interior Girder 6	25.275	0.95	1	1	2.737854
SU7_serv	BOBJ1	76	216.535	Before	Right Exterior Girder	25.275	0.95	1	1	3.200863
SU7_serv	BOBJ1	77	216.535	After	Left Exterior Girder	25.275	0.95	1	1	3.234198
SU7_serv	BOBJ1	77	216.535	After	Interior Girder 1	25.275	0.95	1	1	2.717701
SU7_serv	BOBJ1	77	216.535	After	Interior Girder 2	25.275	0.95	1	1	2.642518
SU7_serv	BOBJ1	77	216.535	After	Interior Girder 3	25.275	0.95	1	1	2.610625
SU7_serv	BOBJ1	77	216.535	After	Interior Girder 4	25.275	0.95	1	1	2.610625
SU7_serv	BOBJ1	77	216.535	After	Interior Girder 5	25.275	0.95	1	1	2.642518

TABLE: Bridge Super Rating AASHTORATE18 31 - SteelICompServ-Flx - Approach, Span 7-11										
Request	BridgeObj	BridgeCut	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	Unitless	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
SU7_serv	BOBJ1	77	216.535	After	Interior Girder 6	25.275	0.95	1	1	2.717701
SU7_serv	BOBJ1	77	216.535	After	Right Exterior Girder	25.275	0.95	1	1	3.234198
SU7_serv	BOBJ1	78	224.96	Before	Left Exterior Girder	33.7	0.95	1	1	2.616919
SU7_serv	BOBJ1	78	224.96	Before	Interior Girder 1	33.7	0.95	1	1	2.57268
SU7_serv	BOBJ1	78	224.96	Before	Interior Girder 2	33.7	0.95	1	1	2.495768
SU7_serv	BOBJ1	78	224.96	Before	Interior Girder 3	33.7	0.95	1	1	2.529139
SU7_serv	BOBJ1	78	224.96	Before	Interior Girder 4	33.7	0.95	1	1	2.529139
SU7_serv	BOBJ1	78	224.96	Before	Interior Girder 5	33.7	0.95	1	1	2.495768
SU7_serv	BOBJ1	78	224.96	Before	Interior Girder 6	33.7	0.95	1	1	2.57268
SU7_serv	BOBJ1	78	224.96	Before	Right Exterior Girder	33.7	0.95	1	1	2.616919
SU7_serv	BOBJ1	79	224.96	After	Left Exterior Girder	33.7	0.95	1	1	2.614188
SU7_serv	BOBJ1	79	224.96	After	Interior Girder 1	33.7	0.95	1	1	2.574008
SU7_serv	BOBJ1	79	224.96	After	Interior Girder 2	33.7	0.95	1	1	2.498297
SU7_serv	BOBJ1	79	224.96	After	Interior Girder 3	33.7	0.95	1	1	2.530107
SU7_serv	BOBJ1	79	224.96	After	Interior Girder 4	33.7	0.95	1	1	2.530107
SU7_serv	BOBJ1	79	224.96	After	Interior Girder 5	33.7	0.95	1	1	2.498297
SU7_serv	BOBJ1	79	224.96	After	Interior Girder 6	33.7	0.95	1	1	2.574008
SU7_serv	BOBJ1	79	224.96	After	Right Exterior Girder	33.7	0.95	1	1	2.614188
SU7_serv	BOBJ1	80	233.385	Before	Left Exterior Girder	42.125	0.95	1	1	3.311244
SU7_serv	BOBJ1	80	233.385	Before	Interior Girder 1	42.125	0.95	1	1	2.747587
SU7_serv	BOBJ1	80	233.385	Before	Interior Girder 2	42.125	0.95	1	1	2.665262
SU7_serv	BOBJ1	80	233.385	Before	Interior Girder 3	42.125	0.95	1	1	2.631296
SU7_serv	BOBJ1	80	233.385	Before	Interior Girder 4	42.125	0.95	1	1	2.631296
SU7_serv	BOBJ1	80	233.385	Before	Interior Girder 5	42.125	0.95	1	1	2.665262
SU7_serv	BOBJ1	80	233.385	Before	Interior Girder 6	42.125	0.95	1	1	2.747587
SU7_serv	BOBJ1	80	233.385	Before	Right Exterior Girder	42.125	0.95	1	1	3.311244
SU7_serv	BOBJ1	81	233.385	After	Left Exterior Girder	42.125	0.95	1	1	3.269931
SU7_serv	BOBJ1	81	233.385	After	Interior Girder 1	42.125	0.95	1	1	2.770234
SU7_serv	BOBJ1	81	233.385	After	Interior Girder 2	42.125	0.95	1	1	2.664521
SU7_serv	BOBJ1	81	233.385	After	Interior Girder 3	42.125	0.95	1	1	2.605659
SU7_serv	BOBJ1	81	233.385	After	Interior Girder 4	42.125	0.95	1	1	2.605659
SU7_serv	BOBJ1	81	233.385	After	Interior Girder 5	42.125	0.95	1	1	2.664521
SU7_serv	BOBJ1	81	233.385	After	Interior Girder 6	42.125	0.95	1	1	2.770234
SU7_serv	BOBJ1	81	233.385	After	Right Exterior Girder	42.125	0.95	1	1	3.269931
SU7_serv	BOBJ1	82	241.81	Before	Left Exterior Girder	50.55	0.95	1	1	5.329316
SU7_serv	BOBJ1	82	241.81	Before	Interior Girder 1	50.55	0.95	1	1	4.502547
SU7_serv	BOBJ1	82	241.81	Before	Interior Girder 2	50.55	0.95	1	1	4.163668
SU7_serv	BOBJ1	82	241.81	Before	Interior Girder 3	50.55	0.95	1	1	4.140763
SU7_serv	BOBJ1	82	241.81	Before	Interior Girder 4	50.55	0.95	1	1	4.140763
SU7_serv	BOBJ1	82	241.81	Before	Interior Girder 5	50.55	0.95	1	1	4.163668
SU7_serv	BOBJ1	82	241.81	Before	Interior Girder 6	50.55	0.95	1	1	4.502547
SU7_serv	BOBJ1	82	241.81	Before	Right Exterior Girder	50.55	0.95	1	1	5.329316
SU7_serv	BOBJ1	83	241.81	After	Left Exterior Girder	50.55	0.95	1	1	5.220839
SU7_serv	BOBJ1	83	241.81	After	Interior Girder 1	50.55	0.95	1	1	4.577605
SU7_serv	BOBJ1	83	241.81	After	Interior Girder 2	50.55	0.95	1	1	4.184976
SU7_serv	BOBJ1	83	241.81	After	Interior Girder 3	50.55	0.95	1	1	4.123597
SU7_serv	BOBJ1	83	241.81	After	Interior Girder 4	50.55	0.95	1	1	4.123597
SU7_serv	BOBJ1	83	241.81	After	Interior Girder 5	50.55	0.95	1	1	4.184976
SU7_serv	BOBJ1	83	241.81	After	Interior Girder 6	50.55	0.95	1	1	4.577605
SU7_serv	BOBJ1	83	241.81	After	Right Exterior Girder	50.55	0.95	1	1	5.220839
SU7_serv	BOBJ1	84	245.18	Before	Left Exterior Girder	53.92	0.95	1	1	5.02818
SU7_serv	BOBJ1	84	245.18	Before	Interior Girder 1	53.92	0.95	1	1	5.101083
SU7_serv	BOBJ1	84	245.18	Before	Interior Girder 2	53.92	0.95	1	1	4.996719
SU7_serv	BOBJ1	84	245.18	Before	Interior Girder 3	53.92	0.95	1	1	5.124785
SU7_serv	BOBJ1	84	245.18	Before	Interior Girder 4	53.92	0.95	1	1	5.124785
SU7_serv	BOBJ1	84	245.18	Before	Interior Girder 5	53.92	0.95	1	1	4.996719
SU7_serv	BOBJ1	84	245.18	Before	Interior Girder 6	53.92	0.95	1	1	5.101083
SU7_serv	BOBJ1	84	245.18	Before	Right Exterior Girder	53.92	0.95	1	1	5.02818
SU7_serv	BOBJ1	85	245.18	After	Left Exterior Girder	53.92	0.95	1	1	5.847271
SU7_serv	BOBJ1	85	245.18	After	Interior Girder 1	53.92	0.95	1	1	5.457394
SU7_serv	BOBJ1	85	245.18	After	Interior Girder 2	53.92	0.95	1	1	5.326732
SU7_serv	BOBJ1	85	245.18	After	Interior Girder 3	53.92	0.95	1	1	5.484575
SU7_serv	BOBJ1	85	245.18	After	Interior Girder 4	53.92	0.95	1	1	5.484575
SU7_serv	BOBJ1	85	245.18	After	Interior Girder 5	53.92	0.95	1	1	5.326732
SU7_serv	BOBJ1	85	245.18	After	Interior Girder 6	53.92	0.95	1	1	5.457394
SU7_serv	BOBJ1	85	245.18	After	Right Exterior Girder	53.92	0.95	1	1	5.847271
SU7_serv	BOBJ1	86	250.245	Before	Left Exterior Girder	58.985	0.95	1	1	4.43752
SU7_serv	BOBJ1	86	250.245	Before	Interior Girder 1	58.985	0.95	1	1	4.384146
SU7_serv	BOBJ1	86	250.245	Before	Interior Girder 2	58.985	0.95	1	1	4.185601
SU7_serv	BOBJ1	86	250.245	Before	Interior Girder 3	58.985	0.95	1	1	4.045785
SU7_serv	BOBJ1	86	250.245	Before	Interior Girder 4	58.985	0.95	1	1	4.045785
SU7_serv	BOBJ1	86	250.245	Before	Interior Girder 5	58.985	0.95	1	1	4.185601
SU7_serv	BOBJ1	86	250.245	Before	Interior Girder 6	58.985	0.95	1	1	4.384146

TABLE: Bridge Super Rating AASHTORATE18 31 - SteelICompServ-Flx - Approach, Span 7-11										
Request	BridgeObj	BridgeCut	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	Unitless	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
SU7_serv	BOBJ1	86	250.245	Before	Right Exterior Girder	58.985	0.95	1	1	4.43752
SU7_serv	BOBJ1	87	250.245	After	Left Exterior Girder	58.985	0.95	1	1	4.477191
SU7_serv	BOBJ1	87	250.245	After	Interior Girder 1	58.985	0.95	1	1	4.337993
SU7_serv	BOBJ1	87	250.245	After	Interior Girder 2	58.985	0.95	1	1	4.142125
SU7_serv	BOBJ1	87	250.245	After	Interior Girder 3	58.985	0.95	1	1	4.019143
SU7_serv	BOBJ1	87	250.245	After	Interior Girder 4	58.985	0.95	1	1	4.019143
SU7_serv	BOBJ1	87	250.245	After	Interior Girder 5	58.985	0.95	1	1	4.142125
SU7_serv	BOBJ1	87	250.245	After	Interior Girder 6	58.985	0.95	1	1	4.337993
SU7_serv	BOBJ1	87	250.245	After	Right Exterior Girder	58.985	0.95	1	1	4.477191
SU7_serv	BOBJ1	88	251.68	Before	Left Exterior Girder	60.42	0.95	1	1	4.092876
SU7_serv	BOBJ1	88	251.68	Before	Right Exterior Girder	60.42	0.95	1	1	4.092876
SU7_serv	BOBJ1	89	251.68	After	Left Exterior Girder	60.42	0.95	1	1	7.103664
SU7_serv	BOBJ1	89	251.68	After	Right Exterior Girder	60.42	0.95	1	1	7.103664
SU7_serv	BOBJ1	90	254.18	Before	Interior Girder 1	62.92	0.95	1	1	3.555039
SU7_serv	BOBJ1	90	254.18	Before	Interior Girder 2	62.92	0.95	1	1	3.399542
SU7_serv	BOBJ1	90	254.18	Before	Interior Girder 3	62.92	0.95	1	1	3.101163
SU7_serv	BOBJ1	90	254.18	Before	Interior Girder 4	62.92	0.95	1	1	3.101163
SU7_serv	BOBJ1	90	254.18	Before	Interior Girder 5	62.92	0.95	1	1	3.399542
SU7_serv	BOBJ1	90	254.18	Before	Interior Girder 6	62.92	0.95	1	1	3.555039
SU7_serv	BOBJ1	91	254.18	After	Interior Girder 1	62.92	0.95	1	1	4.348432
SU7_serv	BOBJ1	91	254.18	After	Interior Girder 2	62.92	0.95	1	1	4.076237
SU7_serv	BOBJ1	91	254.18	After	Interior Girder 3	62.92	0.95	1	1	3.744393
SU7_serv	BOBJ1	91	254.18	After	Interior Girder 4	62.92	0.95	1	1	3.744393
SU7_serv	BOBJ1	91	254.18	After	Interior Girder 5	62.92	0.95	1	1	4.076237
SU7_serv	BOBJ1	91	254.18	After	Interior Girder 6	62.92	0.95	1	1	4.348432
SU7_serv	BOBJ1	92	258.68	Before	Left Exterior Girder	67.42	0.95	1	1	4.004772
SU7_serv	BOBJ1	92	258.68	Before	Interior Girder 1	67.42	0.95	1	1	2.749203
SU7_serv	BOBJ1	92	258.68	Before	Interior Girder 2	67.42	0.95	1	1	2.61418
SU7_serv	BOBJ1	92	258.68	Before	Interior Girder 3	67.42	0.95	1	1	2.224954
SU7_serv	BOBJ1	92	258.68	Before	Interior Girder 4	67.42	0.95	1	1	2.224954
SU7_serv	BOBJ1	92	258.68	Before	Interior Girder 5	67.42	0.95	1	1	2.61418
SU7_serv	BOBJ1	92	258.68	Before	Interior Girder 6	67.42	0.95	1	1	2.749203
SU7_serv	BOBJ1	92	258.68	Before	Right Exterior Girder	67.42	0.95	1	1	4.004772
SU7_serv	BOBJ1	93	258.68	After	Left Exterior Girder	0	0.95	1	1	4.073284
SU7_serv	BOBJ1	93	258.68	After	Interior Girder 1	0	0.95	1	1	2.969708
SU7_serv	BOBJ1	93	258.68	After	Interior Girder 2	0	0.95	1	1	2.744378
SU7_serv	BOBJ1	93	258.68	After	Interior Girder 3	0	0.95	1	1	2.293665
SU7_serv	BOBJ1	93	258.68	After	Interior Girder 4	0	0.95	1	1	2.293665
SU7_serv	BOBJ1	93	258.68	After	Interior Girder 5	0	0.95	1	1	2.744378
SU7_serv	BOBJ1	93	258.68	After	Interior Girder 6	0	0.95	1	1	2.969708
SU7_serv	BOBJ1	93	258.68	After	Right Exterior Girder	0	0.95	1	1	4.073284
SU7_serv	BOBJ1	94	263.18	Before	Interior Girder 1	4.5	0.95	1	1	3.75655
SU7_serv	BOBJ1	94	263.18	Before	Interior Girder 2	4.5	0.95	1	1	3.630243
SU7_serv	BOBJ1	94	263.18	Before	Interior Girder 3	4.5	0.95	1	1	3.446413
SU7_serv	BOBJ1	94	263.18	Before	Interior Girder 4	4.5	0.95	1	1	3.446413
SU7_serv	BOBJ1	94	263.18	Before	Interior Girder 5	4.5	0.95	1	1	3.630243
SU7_serv	BOBJ1	94	263.18	Before	Interior Girder 6	4.5	0.95	1	1	3.75655
SU7_serv	BOBJ1	95	263.18	After	Interior Girder 1	4.5	0.95	1	1	3.063149
SU7_serv	BOBJ1	95	263.18	After	Interior Girder 2	4.5	0.95	1	1	3.02049
SU7_serv	BOBJ1	95	263.18	After	Interior Girder 3	4.5	0.95	1	1	2.847263
SU7_serv	BOBJ1	95	263.18	After	Interior Girder 4	4.5	0.95	1	1	2.847263
SU7_serv	BOBJ1	95	263.18	After	Interior Girder 5	4.5	0.95	1	1	3.02049
SU7_serv	BOBJ1	95	263.18	After	Interior Girder 6	4.5	0.95	1	1	3.063149
SU7_serv	BOBJ1	96	265.68	Before	Left Exterior Girder	7	0.95	1	1	5.765684
SU7_serv	BOBJ1	96	265.68	Before	Right Exterior Girder	7	0.95	1	1	5.765684
SU7_serv	BOBJ1	97	265.68	After	Left Exterior Girder	7	0.95	1	1	3.338829
SU7_serv	BOBJ1	97	265.68	After	Right Exterior Girder	7	0.95	1	1	3.338829
SU7_serv	BOBJ1	98	268.08	Before	Left Exterior Girder	9.4	0.95	1	1	3.895203
SU7_serv	BOBJ1	98	268.08	Before	Interior Girder 1	9.4	0.95	1	1	3.876375
SU7_serv	BOBJ1	98	268.08	Before	Interior Girder 2	9.4	0.95	1	1	3.848544
SU7_serv	BOBJ1	98	268.08	Before	Interior Girder 3	9.4	0.95	1	1	3.805502
SU7_serv	BOBJ1	98	268.08	Before	Interior Girder 4	9.4	0.95	1	1	3.805502
SU7_serv	BOBJ1	98	268.08	Before	Interior Girder 5	9.4	0.95	1	1	3.848544
SU7_serv	BOBJ1	98	268.08	Before	Interior Girder 6	9.4	0.95	1	1	3.876375
SU7_serv	BOBJ1	98	268.08	Before	Right Exterior Girder	9.4	0.95	1	1	3.895203
SU7_serv	BOBJ1	99	268.08	After	Left Exterior Girder	9.4	0.95	1	1	3.821624
SU7_serv	BOBJ1	99	268.08	After	Interior Girder 1	9.4	0.95	1	1	3.93665
SU7_serv	BOBJ1	99	268.08	After	Interior Girder 2	9.4	0.95	1	1	3.890212
SU7_serv	BOBJ1	99	268.08	After	Interior Girder 3	9.4	0.95	1	1	3.820163
SU7_serv	BOBJ1	99	268.08	After	Interior Girder 4	9.4	0.95	1	1	3.820163
SU7_serv	BOBJ1	99	268.08	After	Interior Girder 5	9.4	0.95	1	1	3.890212
SU7_serv	BOBJ1	99	268.08	After	Interior Girder 6	9.4	0.95	1	1	3.93665
SU7_serv	BOBJ1	99	268.08	After	Right Exterior Girder	9.4	0.95	1	1	3.821624

TABLE: Bridge Super Rating AASHTORATE18 31 - SteelICompServ-Flx - Approach, Span 7-11										
Request	BridgeObj	BridgeCut	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	Unitless	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
SU7_serv	BOBJ1	100	277.48	Before	Left Exterior Girder	18.8	0.95	1	1	4.27083
SU7_serv	BOBJ1	100	277.48	Before	Interior Girder 1	18.8	0.95	1	1	3.855103
SU7_serv	BOBJ1	100	277.48	Before	Interior Girder 2	18.8	0.95	1	1	3.539599
SU7_serv	BOBJ1	100	277.48	Before	Interior Girder 3	18.8	0.95	1	1	3.467307
SU7_serv	BOBJ1	100	277.48	Before	Interior Girder 4	18.8	0.95	1	1	3.467307
SU7_serv	BOBJ1	100	277.48	Before	Interior Girder 5	18.8	0.95	1	1	3.539599
SU7_serv	BOBJ1	100	277.48	Before	Interior Girder 6	18.8	0.95	1	1	3.855103
SU7_serv	BOBJ1	100	277.48	Before	Right Exterior Girder	18.8	0.95	1	1	4.27083
SU7_serv	BOBJ1	101	277.48	After	Left Exterior Girder	18.8	0.95	1	1	4.354321
SU7_serv	BOBJ1	101	277.48	After	Interior Girder 1	18.8	0.95	1	1	3.795528
SU7_serv	BOBJ1	101	277.48	After	Interior Girder 2	18.8	0.95	1	1	3.548171
SU7_serv	BOBJ1	101	277.48	After	Interior Girder 3	18.8	0.95	1	1	3.510629
SU7_serv	BOBJ1	101	277.48	After	Interior Girder 4	18.8	0.95	1	1	3.510629
SU7_serv	BOBJ1	101	277.48	After	Interior Girder 5	18.8	0.95	1	1	3.548171
SU7_serv	BOBJ1	101	277.48	After	Interior Girder 6	18.8	0.95	1	1	3.795528
SU7_serv	BOBJ1	101	277.48	After	Right Exterior Girder	18.8	0.95	1	1	4.354321
SU7_serv	BOBJ1	102	286.88	Before	Left Exterior Girder	28.2	0.95	1	1	3.094072
SU7_serv	BOBJ1	102	286.88	Before	Interior Girder 1	28.2	0.95	1	1	2.510217
SU7_serv	BOBJ1	102	286.88	Before	Interior Girder 2	28.2	0.95	1	1	2.409048
SU7_serv	BOBJ1	102	286.88	Before	Interior Girder 3	28.2	0.95	1	1	2.345569
SU7_serv	BOBJ1	102	286.88	Before	Interior Girder 4	28.2	0.95	1	1	2.345569
SU7_serv	BOBJ1	102	286.88	Before	Interior Girder 5	28.2	0.95	1	1	2.409048
SU7_serv	BOBJ1	102	286.88	Before	Interior Girder 6	28.2	0.95	1	1	2.510217
SU7_serv	BOBJ1	102	286.88	Before	Right Exterior Girder	28.2	0.95	1	1	3.094072
SU7_serv	BOBJ1	103	286.88	After	Left Exterior Girder	28.2	0.95	1	1	3.10798
SU7_serv	BOBJ1	103	286.88	After	Interior Girder 1	28.2	0.95	1	1	2.498281
SU7_serv	BOBJ1	103	286.88	After	Interior Girder 2	28.2	0.95	1	1	2.408931
SU7_serv	BOBJ1	103	286.88	After	Interior Girder 3	28.2	0.95	1	1	2.352549
SU7_serv	BOBJ1	103	286.88	After	Interior Girder 4	28.2	0.95	1	1	2.352549
SU7_serv	BOBJ1	103	286.88	After	Interior Girder 5	28.2	0.95	1	1	2.408931
SU7_serv	BOBJ1	103	286.88	After	Interior Girder 6	28.2	0.95	1	1	2.498281
SU7_serv	BOBJ1	103	286.88	After	Right Exterior Girder	28.2	0.95	1	1	3.10798
SU7_serv	BOBJ1	104	296.28	Before	Left Exterior Girder	37.6	0.95	1	1	2.87017
SU7_serv	BOBJ1	104	296.28	Before	Interior Girder 1	37.6	0.95	1	1	2.652833
SU7_serv	BOBJ1	104	296.28	Before	Interior Girder 2	37.6	0.95	1	1	2.525101
SU7_serv	BOBJ1	104	296.28	Before	Interior Girder 3	37.6	0.95	1	1	2.514444
SU7_serv	BOBJ1	104	296.28	Before	Interior Girder 4	37.6	0.95	1	1	2.514444
SU7_serv	BOBJ1	104	296.28	Before	Interior Girder 5	37.6	0.95	1	1	2.525101
SU7_serv	BOBJ1	104	296.28	Before	Interior Girder 6	37.6	0.95	1	1	2.652833
SU7_serv	BOBJ1	104	296.28	Before	Right Exterior Girder	37.6	0.95	1	1	2.87017
SU7_serv	BOBJ1	105	296.28	After	Left Exterior Girder	37.6	0.95	1	1	2.836448
SU7_serv	BOBJ1	105	296.28	After	Interior Girder 1	37.6	0.95	1	1	2.677687
SU7_serv	BOBJ1	105	296.28	After	Interior Girder 2	37.6	0.95	1	1	2.519478
SU7_serv	BOBJ1	105	296.28	After	Interior Girder 3	37.6	0.95	1	1	2.495324
SU7_serv	BOBJ1	105	296.28	After	Interior Girder 4	37.6	0.95	1	1	2.495324
SU7_serv	BOBJ1	105	296.28	After	Interior Girder 5	37.6	0.95	1	1	2.519478
SU7_serv	BOBJ1	105	296.28	After	Interior Girder 6	37.6	0.95	1	1	2.677687
SU7_serv	BOBJ1	105	296.28	After	Right Exterior Girder	37.6	0.95	1	1	2.836448
SU7_serv	BOBJ1	106	305.69	Before	Left Exterior Girder	47.01	0.95	1	1	5.262591
SU7_serv	BOBJ1	106	305.69	Before	Interior Girder 1	47.01	0.95	1	1	3.816285
SU7_serv	BOBJ1	106	305.69	Before	Interior Girder 2	47.01	0.95	1	1	3.614439
SU7_serv	BOBJ1	106	305.69	Before	Interior Girder 3	47.01	0.95	1	1	3.40468
SU7_serv	BOBJ1	106	305.69	Before	Interior Girder 4	47.01	0.95	1	1	3.40468
SU7_serv	BOBJ1	106	305.69	Before	Interior Girder 5	47.01	0.95	1	1	3.614439
SU7_serv	BOBJ1	106	305.69	Before	Interior Girder 6	47.01	0.95	1	1	3.816285
SU7_serv	BOBJ1	106	305.69	Before	Right Exterior Girder	47.01	0.95	1	1	5.262591
SU7_serv	BOBJ1	107	305.69	After	Left Exterior Girder	47.01	0.95	1	1	5.244469
SU7_serv	BOBJ1	107	305.69	After	Interior Girder 1	47.01	0.95	1	1	3.823325
SU7_serv	BOBJ1	107	305.69	After	Interior Girder 2	47.01	0.95	1	1	3.546791
SU7_serv	BOBJ1	107	305.69	After	Interior Girder 3	47.01	0.95	1	1	3.307713
SU7_serv	BOBJ1	107	305.69	After	Interior Girder 4	47.01	0.95	1	1	3.307713
SU7_serv	BOBJ1	107	305.69	After	Interior Girder 5	47.01	0.95	1	1	3.546791
SU7_serv	BOBJ1	107	305.69	After	Interior Girder 6	47.01	0.95	1	1	3.823325
SU7_serv	BOBJ1	107	305.69	After	Right Exterior Girder	47.01	0.95	1	1	5.244469
SU7_serv	BOBJ1	108	315.1	Before	Left Exterior Girder	56.42	0.95	1	1	274.557317
SU7_serv	BOBJ1	108	315.1	Before	Interior Girder 1	56.42	0.95	1	1	344.532877
SU7_serv	BOBJ1	108	315.1	Before	Interior Girder 2	56.42	0.95	1	1	186.830405
SU7_serv	BOBJ1	108	315.1	Before	Interior Girder 3	56.42	0.95	1	1	134.478584
SU7_serv	BOBJ1	108	315.1	Before	Interior Girder 4	56.42	0.95	1	1	134.478584
SU7_serv	BOBJ1	108	315.1	Before	Interior Girder 5	56.42	0.95	1	1	186.830405
SU7_serv	BOBJ1	108	315.1	Before	Interior Girder 6	56.42	0.95	1	1	344.532876
SU7_serv	BOBJ1	108	315.1	Before	Right Exterior Girder	56.42	0.95	1	1	274.557318
Type 3_serv	BOBJ1	1	0	After	Left Exterior Girder	0	0.95	1	1	388.673743

TABLE: Bridge Super Rating AASHTORATE18 31 - SteelICompServ-Flx - Approach, Span 7-11										
Request	BridgeObj	BridgeCut	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	Unitless	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Type 3_serv	BOBJ1	1	0	After	Interior Girder 1	0	0.95	1	1	493.780482
Type 3_serv	BOBJ1	1	0	After	Interior Girder 2	0	0.95	1	1	266.743139
Type 3_serv	BOBJ1	1	0	After	Interior Girder 3	0	0.95	1	1	188.244554
Type 3_serv	BOBJ1	1	0	After	Interior Girder 4	0	0.95	1	1	188.244553
Type 3_serv	BOBJ1	1	0	After	Interior Girder 5	0	0.95	1	1	266.743138
Type 3_serv	BOBJ1	1	0	After	Interior Girder 6	0	0.95	1	1	493.780489
Type 3_serv	BOBJ1	1	0	After	Right Exterior Girder	0	0.95	1	1	388.673743
Type 3_serv	BOBJ1	2	9.4	Before	Left Exterior Girder	9.4	0.95	1	1	7.417393
Type 3_serv	BOBJ1	2	9.4	Before	Interior Girder 1	9.4	0.95	1	1	5.218504
Type 3_serv	BOBJ1	2	9.4	Before	Interior Girder 2	9.4	0.95	1	1	4.899345
Type 3_serv	BOBJ1	2	9.4	Before	Interior Girder 3	9.4	0.95	1	1	4.501288
Type 3_serv	BOBJ1	2	9.4	Before	Interior Girder 4	9.4	0.95	1	1	4.501288
Type 3_serv	BOBJ1	2	9.4	Before	Interior Girder 5	9.4	0.95	1	1	4.899345
Type 3_serv	BOBJ1	2	9.4	Before	Interior Girder 6	9.4	0.95	1	1	5.218504
Type 3_serv	BOBJ1	2	9.4	Before	Right Exterior Girder	9.4	0.95	1	1	7.417393
Type 3_serv	BOBJ1	3	9.4	After	Left Exterior Girder	9.4	0.95	1	1	7.435341
Type 3_serv	BOBJ1	3	9.4	After	Interior Girder 1	9.4	0.95	1	1	5.206846
Type 3_serv	BOBJ1	3	9.4	After	Interior Girder 2	9.4	0.95	1	1	4.987541
Type 3_serv	BOBJ1	3	9.4	After	Interior Girder 3	9.4	0.95	1	1	4.656156
Type 3_serv	BOBJ1	3	9.4	After	Interior Girder 4	9.4	0.95	1	1	4.656156
Type 3_serv	BOBJ1	3	9.4	After	Interior Girder 5	9.4	0.95	1	1	4.987541
Type 3_serv	BOBJ1	3	9.4	After	Interior Girder 6	9.4	0.95	1	1	5.206846
Type 3_serv	BOBJ1	3	9.4	After	Right Exterior Girder	9.4	0.95	1	1	7.435341
Type 3_serv	BOBJ1	4	18.8	Before	Left Exterior Girder	18.8	0.95	1	1	4.201902
Type 3_serv	BOBJ1	4	18.8	Before	Interior Girder 1	18.8	0.95	1	1	3.88923
Type 3_serv	BOBJ1	4	18.8	Before	Interior Girder 2	18.8	0.95	1	1	3.666361
Type 3_serv	BOBJ1	4	18.8	Before	Interior Girder 3	18.8	0.95	1	1	3.617572
Type 3_serv	BOBJ1	4	18.8	Before	Interior Girder 4	18.8	0.95	1	1	3.617572
Type 3_serv	BOBJ1	4	18.8	Before	Interior Girder 5	18.8	0.95	1	1	3.666361
Type 3_serv	BOBJ1	4	18.8	Before	Interior Girder 6	18.8	0.95	1	1	3.88923
Type 3_serv	BOBJ1	4	18.8	Before	Right Exterior Girder	18.8	0.95	1	1	4.201902
Type 3_serv	BOBJ1	5	18.8	After	Left Exterior Girder	18.8	0.95	1	1	4.251064
Type 3_serv	BOBJ1	5	18.8	After	Interior Girder 1	18.8	0.95	1	1	3.852386
Type 3_serv	BOBJ1	5	18.8	After	Interior Girder 2	18.8	0.95	1	1	3.672525
Type 3_serv	BOBJ1	5	18.8	After	Interior Girder 3	18.8	0.95	1	1	3.642449
Type 3_serv	BOBJ1	5	18.8	After	Interior Girder 4	18.8	0.95	1	1	3.642449
Type 3_serv	BOBJ1	5	18.8	After	Interior Girder 5	18.8	0.95	1	1	3.672525
Type 3_serv	BOBJ1	5	18.8	After	Interior Girder 6	18.8	0.95	1	1	3.852386
Type 3_serv	BOBJ1	5	18.8	After	Right Exterior Girder	18.8	0.95	1	1	4.251064
Type 3_serv	BOBJ1	6	28.2	Before	Left Exterior Girder	28.2	0.95	1	1	4.60385
Type 3_serv	BOBJ1	6	28.2	Before	Interior Girder 1	28.2	0.95	1	1	3.646123
Type 3_serv	BOBJ1	6	28.2	Before	Interior Girder 2	28.2	0.95	1	1	3.518143
Type 3_serv	BOBJ1	6	28.2	Before	Interior Girder 3	28.2	0.95	1	1	3.403038
Type 3_serv	BOBJ1	6	28.2	Before	Interior Girder 4	28.2	0.95	1	1	3.403038
Type 3_serv	BOBJ1	6	28.2	Before	Interior Girder 5	28.2	0.95	1	1	3.518143
Type 3_serv	BOBJ1	6	28.2	Before	Interior Girder 6	28.2	0.95	1	1	3.646123
Type 3_serv	BOBJ1	6	28.2	Before	Right Exterior Girder	28.2	0.95	1	1	4.60385
Type 3_serv	BOBJ1	7	28.2	After	Left Exterior Girder	28.2	0.95	1	1	4.588303
Type 3_serv	BOBJ1	7	28.2	After	Interior Girder 1	28.2	0.95	1	1	3.656619
Type 3_serv	BOBJ1	7	28.2	After	Interior Girder 2	28.2	0.95	1	1	3.516406
Type 3_serv	BOBJ1	7	28.2	After	Interior Girder 3	28.2	0.95	1	1	3.393343
Type 3_serv	BOBJ1	7	28.2	After	Interior Girder 4	28.2	0.95	1	1	3.393343
Type 3_serv	BOBJ1	7	28.2	After	Interior Girder 5	28.2	0.95	1	1	3.516406
Type 3_serv	BOBJ1	7	28.2	After	Interior Girder 6	28.2	0.95	1	1	3.656619
Type 3_serv	BOBJ1	7	28.2	After	Right Exterior Girder	28.2	0.95	1	1	4.588303
Type 3_serv	BOBJ1	8	37.6	Before	Left Exterior Girder	37.6	0.95	1	1	6.447679
Type 3_serv	BOBJ1	8	37.6	Before	Interior Girder 1	37.6	0.95	1	1	5.474261
Type 3_serv	BOBJ1	8	37.6	Before	Interior Girder 2	37.6	0.95	1	1	5.121042
Type 3_serv	BOBJ1	8	37.6	Before	Interior Girder 3	37.6	0.95	1	1	5.048379
Type 3_serv	BOBJ1	8	37.6	Before	Interior Girder 4	37.6	0.95	1	1	5.048379
Type 3_serv	BOBJ1	8	37.6	Before	Interior Girder 5	37.6	0.95	1	1	5.121042
Type 3_serv	BOBJ1	8	37.6	Before	Interior Girder 6	37.6	0.95	1	1	5.474261
Type 3_serv	BOBJ1	8	37.6	Before	Right Exterior Girder	37.6	0.95	1	1	6.447679
Type 3_serv	BOBJ1	9	37.6	After	Left Exterior Girder	37.6	0.95	1	1	6.320874
Type 3_serv	BOBJ1	9	37.6	After	Interior Girder 1	37.6	0.95	1	1	5.561646
Type 3_serv	BOBJ1	9	37.6	After	Interior Girder 2	37.6	0.95	1	1	5.112884
Type 3_serv	BOBJ1	9	37.6	After	Interior Girder 3	37.6	0.95	1	1	4.983388
Type 3_serv	BOBJ1	9	37.6	After	Interior Girder 4	37.6	0.95	1	1	4.983388
Type 3_serv	BOBJ1	9	37.6	After	Interior Girder 5	37.6	0.95	1	1	5.112884
Type 3_serv	BOBJ1	9	37.6	After	Interior Girder 6	37.6	0.95	1	1	5.561646
Type 3_serv	BOBJ1	9	37.6	After	Right Exterior Girder	37.6	0.95	1	1	6.320874
Type 3_serv	BOBJ1	10	47.01	Before	Left Exterior Girder	47.01	0.95	1	1	5.843976
Type 3_serv	BOBJ1	10	47.01	Before	Interior Girder 1	47.01	0.95	1	1	6.036048

TABLE: Bridge Super Rating AASHTORATE18 31 - SteelICompServ-Flx - Approach, Span 7-11										
Request	BridgeObj	BridgeCut	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	Unitless	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Type 3_serv	BOBJ1	10	47.01	Before	Interior Girder 2	47.01	0.95	1	1	5.963853
Type 3_serv	BOBJ1	10	47.01	Before	Interior Girder 3	47.01	0.95	1	1	5.83364
Type 3_serv	BOBJ1	10	47.01	Before	Interior Girder 4	47.01	0.95	1	1	5.83364
Type 3_serv	BOBJ1	10	47.01	Before	Interior Girder 5	47.01	0.95	1	1	5.963853
Type 3_serv	BOBJ1	10	47.01	Before	Interior Girder 6	47.01	0.95	1	1	6.036048
Type 3_serv	BOBJ1	10	47.01	Before	Right Exterior Girder	47.01	0.95	1	1	5.843976
Type 3_serv	BOBJ1	11	47.01	After	Left Exterior Girder	47.01	0.95	1	1	5.955945
Type 3_serv	BOBJ1	11	47.01	After	Interior Girder 1	47.01	0.95	1	1	5.944262
Type 3_serv	BOBJ1	11	47.01	After	Interior Girder 2	47.01	0.95	1	1	5.896584
Type 3_serv	BOBJ1	11	47.01	After	Interior Girder 3	47.01	0.95	1	1	5.806754
Type 3_serv	BOBJ1	11	47.01	After	Interior Girder 4	47.01	0.95	1	1	5.806754
Type 3_serv	BOBJ1	11	47.01	After	Interior Girder 5	47.01	0.95	1	1	5.896584
Type 3_serv	BOBJ1	11	47.01	After	Interior Girder 6	47.01	0.95	1	1	5.944262
Type 3_serv	BOBJ1	11	47.01	After	Right Exterior Girder	47.01	0.95	1	1	5.955945
Type 3_serv	BOBJ1	12	49.42	Before	Left Exterior Girder	49.42	0.95	1	1	5.083789
Type 3_serv	BOBJ1	12	49.42	Before	Right Exterior Girder	49.42	0.95	1	1	5.083789
Type 3_serv	BOBJ1	13	49.42	After	Left Exterior Girder	49.42	0.95	1	1	8.788394
Type 3_serv	BOBJ1	13	49.42	After	Right Exterior Girder	49.42	0.95	1	1	8.788394
Type 3_serv	BOBJ1	14	51.92	Before	Interior Girder 1	51.92	0.95	1	1	4.688824
Type 3_serv	BOBJ1	14	51.92	Before	Interior Girder 2	51.92	0.95	1	1	4.61884
Type 3_serv	BOBJ1	14	51.92	Before	Interior Girder 3	51.92	0.95	1	1	4.342537
Type 3_serv	BOBJ1	14	51.92	Before	Interior Girder 4	51.92	0.95	1	1	4.342537
Type 3_serv	BOBJ1	14	51.92	Before	Interior Girder 5	51.92	0.95	1	1	4.61884
Type 3_serv	BOBJ1	14	51.92	Before	Interior Girder 6	51.92	0.95	1	1	4.688824
Type 3_serv	BOBJ1	15	51.92	After	Interior Girder 1	51.92	0.95	1	1	5.753162
Type 3_serv	BOBJ1	15	51.92	After	Interior Girder 2	51.92	0.95	1	1	5.54266
Type 3_serv	BOBJ1	15	51.92	After	Interior Girder 3	51.92	0.95	1	1	5.248318
Type 3_serv	BOBJ1	15	51.92	After	Interior Girder 4	51.92	0.95	1	1	5.248318
Type 3_serv	BOBJ1	15	51.92	After	Interior Girder 5	51.92	0.95	1	1	5.54266
Type 3_serv	BOBJ1	15	51.92	After	Interior Girder 6	51.92	0.95	1	1	5.753162
Type 3_serv	BOBJ1	16	56.42	Before	Left Exterior Girder	56.42	0.95	1	1	6.224266
Type 3_serv	BOBJ1	16	56.42	Before	Interior Girder 1	56.42	0.95	1	1	4.411601
Type 3_serv	BOBJ1	16	56.42	Before	Interior Girder 2	56.42	0.95	1	1	4.113954
Type 3_serv	BOBJ1	16	56.42	Before	Interior Girder 3	56.42	0.95	1	1	3.412857
Type 3_serv	BOBJ1	16	56.42	Before	Interior Girder 4	56.42	0.95	1	1	3.412857
Type 3_serv	BOBJ1	16	56.42	Before	Interior Girder 5	56.42	0.95	1	1	4.113954
Type 3_serv	BOBJ1	16	56.42	Before	Interior Girder 6	56.42	0.95	1	1	4.411601
Type 3_serv	BOBJ1	16	56.42	Before	Right Exterior Girder	56.42	0.95	1	1	6.224266
Type 3_serv	BOBJ1	17	56.42	After	Left Exterior Girder	0	0.95	1	1	6.077591
Type 3_serv	BOBJ1	17	56.42	After	Interior Girder 1	0	0.95	1	1	4.187687
Type 3_serv	BOBJ1	17	56.42	After	Interior Girder 2	0	0.95	1	1	3.990487
Type 3_serv	BOBJ1	17	56.42	After	Interior Girder 3	0	0.95	1	1	3.368517
Type 3_serv	BOBJ1	17	56.42	After	Interior Girder 4	0	0.95	1	1	3.368517
Type 3_serv	BOBJ1	17	56.42	After	Interior Girder 5	0	0.95	1	1	3.990487
Type 3_serv	BOBJ1	17	56.42	After	Interior Girder 6	0	0.95	1	1	4.187687
Type 3_serv	BOBJ1	17	56.42	After	Right Exterior Girder	0	0.95	1	1	6.077591
Type 3_serv	BOBJ1	18	60.92	Before	Interior Girder 1	4.5	0.95	1	1	6.597422
Type 3_serv	BOBJ1	18	60.92	Before	Interior Girder 2	4.5	0.95	1	1	6.170327
Type 3_serv	BOBJ1	18	60.92	Before	Interior Girder 3	4.5	0.95	1	1	5.662048
Type 3_serv	BOBJ1	18	60.92	Before	Interior Girder 4	4.5	0.95	1	1	5.662048
Type 3_serv	BOBJ1	18	60.92	Before	Interior Girder 5	4.5	0.95	1	1	6.170327
Type 3_serv	BOBJ1	18	60.92	Before	Interior Girder 6	4.5	0.95	1	1	6.597422
Type 3_serv	BOBJ1	19	60.92	After	Interior Girder 1	4.5	0.95	1	1	5.400928
Type 3_serv	BOBJ1	19	60.92	After	Interior Girder 2	4.5	0.95	1	1	5.149821
Type 3_serv	BOBJ1	19	60.92	After	Interior Girder 3	4.5	0.95	1	1	4.692015
Type 3_serv	BOBJ1	19	60.92	After	Interior Girder 4	4.5	0.95	1	1	4.692015
Type 3_serv	BOBJ1	19	60.92	After	Interior Girder 5	4.5	0.95	1	1	5.149821
Type 3_serv	BOBJ1	19	60.92	After	Interior Girder 6	4.5	0.95	1	1	5.400928
Type 3_serv	BOBJ1	20	63.42	Before	Left Exterior Girder	7	0.95	1	1	10.633678
Type 3_serv	BOBJ1	20	63.42	Before	Right Exterior Girder	7	0.95	1	1	10.633678
Type 3_serv	BOBJ1	21	63.42	After	Left Exterior Girder	7	0.95	1	1	6.120344
Type 3_serv	BOBJ1	21	63.42	After	Right Exterior Girder	7	0.95	1	1	6.120344
Type 3_serv	BOBJ1	22	64.845	Before	Left Exterior Girder	8.425	0.95	1	1	6.697679
Type 3_serv	BOBJ1	22	64.845	Before	Interior Girder 1	8.425	0.95	1	1	6.582067
Type 3_serv	BOBJ1	22	64.845	Before	Interior Girder 2	8.425	0.95	1	1	6.279067
Type 3_serv	BOBJ1	22	64.845	Before	Interior Girder 3	8.425	0.95	1	1	6.083335
Type 3_serv	BOBJ1	22	64.845	Before	Interior Girder 4	8.425	0.95	1	1	6.083335
Type 3_serv	BOBJ1	22	64.845	Before	Interior Girder 5	8.425	0.95	1	1	6.279067
Type 3_serv	BOBJ1	22	64.845	Before	Interior Girder 6	8.425	0.95	1	1	6.582067
Type 3_serv	BOBJ1	22	64.845	Before	Right Exterior Girder	8.425	0.95	1	1	6.697679
Type 3_serv	BOBJ1	23	64.845	After	Left Exterior Girder	8.425	0.95	1	1	6.639269
Type 3_serv	BOBJ1	23	64.845	After	Interior Girder 1	8.425	0.95	1	1	6.647446
Type 3_serv	BOBJ1	23	64.845	After	Interior Girder 2	8.425	0.95	1	1	6.341753

TABLE: Bridge Super Rating AASHTORATE18 31 - SteelICompServ-Flx - Approach, Span 7-11										
Request	BridgeObj	BridgeCut	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	Unitless	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Type 3_serv	BOBJ1	23	64.845	After	Interior Girder 3	8.425	0.95	1	1	6.125341
Type 3_serv	BOBJ1	23	64.845	After	Interior Girder 4	8.425	0.95	1	1	6.125341
Type 3_serv	BOBJ1	23	64.845	After	Interior Girder 5	8.425	0.95	1	1	6.341753
Type 3_serv	BOBJ1	23	64.845	After	Interior Girder 6	8.425	0.95	1	1	6.647446
Type 3_serv	BOBJ1	23	64.845	After	Right Exterior Girder	8.425	0.95	1	1	6.639269
Type 3_serv	BOBJ1	24	69.92	Before	Left Exterior Girder	13.5	0.95	1	1	8.76216
Type 3_serv	BOBJ1	24	69.92	Before	Interior Girder 1	13.5	0.95	1	1	8.240799
Type 3_serv	BOBJ1	24	69.92	Before	Interior Girder 2	13.5	0.95	1	1	7.85481
Type 3_serv	BOBJ1	24	69.92	Before	Interior Girder 3	13.5	0.95	1	1	7.628616
Type 3_serv	BOBJ1	24	69.92	Before	Interior Girder 4	13.5	0.95	1	1	7.628616
Type 3_serv	BOBJ1	24	69.92	Before	Interior Girder 5	13.5	0.95	1	1	7.85481
Type 3_serv	BOBJ1	24	69.92	Before	Interior Girder 6	13.5	0.95	1	1	8.240799
Type 3_serv	BOBJ1	24	69.92	Before	Right Exterior Girder	13.5	0.95	1	1	8.76216
Type 3_serv	BOBJ1	25	69.92	After	Left Exterior Girder	13.5	0.95	1	1	7.528025
Type 3_serv	BOBJ1	25	69.92	After	Interior Girder 1	13.5	0.95	1	1	7.701114
Type 3_serv	BOBJ1	25	69.92	After	Interior Girder 2	13.5	0.95	1	1	7.450178
Type 3_serv	BOBJ1	25	69.92	After	Interior Girder 3	13.5	0.95	1	1	7.308394
Type 3_serv	BOBJ1	25	69.92	After	Interior Girder 4	13.5	0.95	1	1	7.308394
Type 3_serv	BOBJ1	25	69.92	After	Interior Girder 5	13.5	0.95	1	1	7.450178
Type 3_serv	BOBJ1	25	69.92	After	Interior Girder 6	13.5	0.95	1	1	7.701114
Type 3_serv	BOBJ1	25	69.92	After	Right Exterior Girder	13.5	0.95	1	1	7.528025
Type 3_serv	BOBJ1	26	73.27	Before	Left Exterior Girder	16.85	0.95	1	1	7.764355
Type 3_serv	BOBJ1	26	73.27	Before	Interior Girder 1	16.85	0.95	1	1	6.598907
Type 3_serv	BOBJ1	26	73.27	Before	Interior Girder 2	16.85	0.95	1	1	6.040184
Type 3_serv	BOBJ1	26	73.27	Before	Interior Girder 3	16.85	0.95	1	1	5.893744
Type 3_serv	BOBJ1	26	73.27	Before	Interior Girder 4	16.85	0.95	1	1	5.893744
Type 3_serv	BOBJ1	26	73.27	Before	Interior Girder 5	16.85	0.95	1	1	6.040184
Type 3_serv	BOBJ1	26	73.27	Before	Interior Girder 6	16.85	0.95	1	1	6.598907
Type 3_serv	BOBJ1	26	73.27	Before	Right Exterior Girder	16.85	0.95	1	1	7.764355
Type 3_serv	BOBJ1	27	73.27	After	Left Exterior Girder	16.85	0.95	1	1	7.947143
Type 3_serv	BOBJ1	27	73.27	After	Interior Girder 1	16.85	0.95	1	1	6.504326
Type 3_serv	BOBJ1	27	73.27	After	Interior Girder 2	16.85	0.95	1	1	6.008884
Type 3_serv	BOBJ1	27	73.27	After	Interior Girder 3	16.85	0.95	1	1	5.936301
Type 3_serv	BOBJ1	27	73.27	After	Interior Girder 4	16.85	0.95	1	1	5.936301
Type 3_serv	BOBJ1	27	73.27	After	Interior Girder 5	16.85	0.95	1	1	6.008884
Type 3_serv	BOBJ1	27	73.27	After	Interior Girder 6	16.85	0.95	1	1	6.504326
Type 3_serv	BOBJ1	27	73.27	After	Right Exterior Girder	16.85	0.95	1	1	7.947143
Type 3_serv	BOBJ1	28	81.695	Before	Left Exterior Girder	25.275	0.95	1	1	4.860626
Type 3_serv	BOBJ1	28	81.695	Before	Interior Girder 1	25.275	0.95	1	1	4.016434
Type 3_serv	BOBJ1	28	81.695	Before	Interior Girder 2	25.275	0.95	1	1	3.859991
Type 3_serv	BOBJ1	28	81.695	Before	Interior Girder 3	25.275	0.95	1	1	3.741393
Type 3_serv	BOBJ1	28	81.695	Before	Interior Girder 4	25.275	0.95	1	1	3.741393
Type 3_serv	BOBJ1	28	81.695	Before	Interior Girder 5	25.275	0.95	1	1	3.859991
Type 3_serv	BOBJ1	28	81.695	Before	Interior Girder 6	25.275	0.95	1	1	4.016434
Type 3_serv	BOBJ1	28	81.695	Before	Right Exterior Girder	25.275	0.95	1	1	4.860626
Type 3_serv	BOBJ1	29	81.695	After	Left Exterior Girder	25.275	0.95	1	1	4.928067
Type 3_serv	BOBJ1	29	81.695	After	Interior Girder 1	25.275	0.95	1	1	3.981073
Type 3_serv	BOBJ1	29	81.695	After	Interior Girder 2	25.275	0.95	1	1	3.851618
Type 3_serv	BOBJ1	29	81.695	After	Interior Girder 3	25.275	0.95	1	1	3.764763
Type 3_serv	BOBJ1	29	81.695	After	Interior Girder 4	25.275	0.95	1	1	3.764763
Type 3_serv	BOBJ1	29	81.695	After	Interior Girder 5	25.275	0.95	1	1	3.851618
Type 3_serv	BOBJ1	29	81.695	After	Interior Girder 6	25.275	0.95	1	1	3.981073
Type 3_serv	BOBJ1	29	81.695	After	Right Exterior Girder	25.275	0.95	1	1	4.928067
Type 3_serv	BOBJ1	30	90.12	Before	Left Exterior Girder	33.7	0.95	1	1	3.94424
Type 3_serv	BOBJ1	30	90.12	Before	Interior Girder 1	33.7	0.95	1	1	3.788647
Type 3_serv	BOBJ1	30	90.12	Before	Interior Girder 2	33.7	0.95	1	1	3.673592
Type 3_serv	BOBJ1	30	90.12	Before	Interior Girder 3	33.7	0.95	1	1	3.693306
Type 3_serv	BOBJ1	30	90.12	Before	Interior Girder 4	33.7	0.95	1	1	3.693306
Type 3_serv	BOBJ1	30	90.12	Before	Interior Girder 5	33.7	0.95	1	1	3.673592
Type 3_serv	BOBJ1	30	90.12	Before	Interior Girder 6	33.7	0.95	1	1	3.788647
Type 3_serv	BOBJ1	30	90.12	Before	Right Exterior Girder	33.7	0.95	1	1	3.94424
Type 3_serv	BOBJ1	31	90.12	After	Left Exterior Girder	33.7	0.95	1	1	3.946755
Type 3_serv	BOBJ1	31	90.12	After	Interior Girder 1	33.7	0.95	1	1	3.788466
Type 3_serv	BOBJ1	31	90.12	After	Interior Girder 2	33.7	0.95	1	1	3.670687
Type 3_serv	BOBJ1	31	90.12	After	Interior Girder 3	33.7	0.95	1	1	3.692454
Type 3_serv	BOBJ1	31	90.12	After	Interior Girder 4	33.7	0.95	1	1	3.692454
Type 3_serv	BOBJ1	31	90.12	After	Interior Girder 5	33.7	0.95	1	1	3.670687
Type 3_serv	BOBJ1	31	90.12	After	Interior Girder 6	33.7	0.95	1	1	3.788466
Type 3_serv	BOBJ1	31	90.12	After	Right Exterior Girder	33.7	0.95	1	1	3.946755
Type 3_serv	BOBJ1	32	98.545	Before	Left Exterior Girder	42.125	0.95	1	1	4.799774
Type 3_serv	BOBJ1	32	98.545	Before	Interior Girder 1	42.125	0.95	1	1	3.93356
Type 3_serv	BOBJ1	32	98.545	Before	Interior Girder 2	42.125	0.95	1	1	3.820905
Type 3_serv	BOBJ1	32	98.545	Before	Interior Girder 3	42.125	0.95	1	1	3.741662

TABLE: Bridge Super Rating AASHTORATE18 31 - SteelICompServ-Flx - Approach, Span 7-11										
Request	BridgeObj	BridgeCut	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	Unitless	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Type 3_serv	BOBJ1	32	98.545	Before	Interior Girder 4	42.125	0.95	1	1	3.741662
Type 3_serv	BOBJ1	32	98.545	Before	Interior Girder 5	42.125	0.95	1	1	3.820905
Type 3_serv	BOBJ1	32	98.545	Before	Interior Girder 6	42.125	0.95	1	1	3.93356
Type 3_serv	BOBJ1	32	98.545	Before	Right Exterior Girder	42.125	0.95	1	1	4.799774
Type 3_serv	BOBJ1	33	98.545	After	Left Exterior Girder	42.125	0.95	1	1	4.745827
Type 3_serv	BOBJ1	33	98.545	After	Interior Girder 1	42.125	0.95	1	1	3.964904
Type 3_serv	BOBJ1	33	98.545	After	Interior Girder 2	42.125	0.95	1	1	3.827313
Type 3_serv	BOBJ1	33	98.545	After	Interior Girder 3	42.125	0.95	1	1	3.71985
Type 3_serv	BOBJ1	33	98.545	After	Interior Girder 4	42.125	0.95	1	1	3.71985
Type 3_serv	BOBJ1	33	98.545	After	Interior Girder 5	42.125	0.95	1	1	3.827313
Type 3_serv	BOBJ1	33	98.545	After	Interior Girder 6	42.125	0.95	1	1	3.964904
Type 3_serv	BOBJ1	33	98.545	After	Right Exterior Girder	42.125	0.95	1	1	4.745827
Type 3_serv	BOBJ1	34	106.97	Before	Left Exterior Girder	50.55	0.95	1	1	7.488923
Type 3_serv	BOBJ1	34	106.97	Before	Interior Girder 1	50.55	0.95	1	1	6.26615
Type 3_serv	BOBJ1	34	106.97	Before	Interior Girder 2	50.55	0.95	1	1	5.845867
Type 3_serv	BOBJ1	34	106.97	Before	Interior Girder 3	50.55	0.95	1	1	5.761665
Type 3_serv	BOBJ1	34	106.97	Before	Interior Girder 4	50.55	0.95	1	1	5.761665
Type 3_serv	BOBJ1	34	106.97	Before	Interior Girder 5	50.55	0.95	1	1	5.845867
Type 3_serv	BOBJ1	34	106.97	Before	Interior Girder 6	50.55	0.95	1	1	6.26615
Type 3_serv	BOBJ1	34	106.97	Before	Right Exterior Girder	50.55	0.95	1	1	7.488923
Type 3_serv	BOBJ1	35	106.97	After	Left Exterior Girder	50.55	0.95	1	1	7.310157
Type 3_serv	BOBJ1	35	106.97	After	Interior Girder 1	50.55	0.95	1	1	6.366762
Type 3_serv	BOBJ1	35	106.97	After	Interior Girder 2	50.55	0.95	1	1	5.849064
Type 3_serv	BOBJ1	35	106.97	After	Interior Girder 3	50.55	0.95	1	1	5.67742
Type 3_serv	BOBJ1	35	106.97	After	Interior Girder 4	50.55	0.95	1	1	5.67742
Type 3_serv	BOBJ1	35	106.97	After	Interior Girder 5	50.55	0.95	1	1	5.849064
Type 3_serv	BOBJ1	35	106.97	After	Interior Girder 6	50.55	0.95	1	1	6.366762
Type 3_serv	BOBJ1	35	106.97	After	Right Exterior Girder	50.55	0.95	1	1	7.310157
Type 3_serv	BOBJ1	36	115.405	Before	Left Exterior Girder	58.985	0.95	1	1	5.041197
Type 3_serv	BOBJ1	36	115.405	Before	Interior Girder 1	58.985	0.95	1	1	5.525488
Type 3_serv	BOBJ1	36	115.405	Before	Interior Girder 2	58.985	0.95	1	1	5.467117
Type 3_serv	BOBJ1	36	115.405	Before	Interior Girder 3	58.985	0.95	1	1	5.312395
Type 3_serv	BOBJ1	36	115.405	Before	Interior Girder 4	58.985	0.95	1	1	5.312395
Type 3_serv	BOBJ1	36	115.405	Before	Interior Girder 5	58.985	0.95	1	1	5.467117
Type 3_serv	BOBJ1	36	115.405	Before	Interior Girder 6	58.985	0.95	1	1	5.525488
Type 3_serv	BOBJ1	36	115.405	Before	Right Exterior Girder	58.985	0.95	1	1	5.041197
Type 3_serv	BOBJ1	37	115.405	After	Left Exterior Girder	58.985	0.95	1	1	5.151667
Type 3_serv	BOBJ1	37	115.405	After	Interior Girder 1	58.985	0.95	1	1	5.430299
Type 3_serv	BOBJ1	37	115.405	After	Interior Girder 2	58.985	0.95	1	1	5.414239
Type 3_serv	BOBJ1	37	115.405	After	Interior Girder 3	58.985	0.95	1	1	5.294282
Type 3_serv	BOBJ1	37	115.405	After	Interior Girder 4	58.985	0.95	1	1	5.294282
Type 3_serv	BOBJ1	37	115.405	After	Interior Girder 5	58.985	0.95	1	1	5.414239
Type 3_serv	BOBJ1	37	115.405	After	Interior Girder 6	58.985	0.95	1	1	5.430299
Type 3_serv	BOBJ1	37	115.405	After	Right Exterior Girder	58.985	0.95	1	1	5.151667
Type 3_serv	BOBJ1	38	116.34	Before	Left Exterior Girder	59.92	0.95	1	1	4.778887
Type 3_serv	BOBJ1	38	116.34	Before	Right Exterior Girder	59.92	0.95	1	1	4.778887
Type 3_serv	BOBJ1	39	116.34	After	Left Exterior Girder	59.92	0.95	1	1	9.490122
Type 3_serv	BOBJ1	39	116.34	After	Right Exterior Girder	59.92	0.95	1	1	9.490122
Type 3_serv	BOBJ1	40	118.84	Before	Interior Girder 1	62.42	0.95	1	1	4.589869
Type 3_serv	BOBJ1	40	118.84	Before	Interior Girder 2	62.42	0.95	1	1	4.53839
Type 3_serv	BOBJ1	40	118.84	Before	Interior Girder 3	62.42	0.95	1	1	4.270201
Type 3_serv	BOBJ1	40	118.84	Before	Interior Girder 4	62.42	0.95	1	1	4.270201
Type 3_serv	BOBJ1	40	118.84	Before	Interior Girder 5	62.42	0.95	1	1	4.53839
Type 3_serv	BOBJ1	40	118.84	Before	Interior Girder 6	62.42	0.95	1	1	4.589869
Type 3_serv	BOBJ1	41	118.84	After	Interior Girder 1	62.42	0.95	1	1	6.41343
Type 3_serv	BOBJ1	41	118.84	After	Interior Girder 2	62.42	0.95	1	1	6.193357
Type 3_serv	BOBJ1	41	118.84	After	Interior Girder 3	62.42	0.95	1	1	5.901072
Type 3_serv	BOBJ1	41	118.84	After	Interior Girder 4	62.42	0.95	1	1	5.901072
Type 3_serv	BOBJ1	41	118.84	After	Interior Girder 5	62.42	0.95	1	1	6.193357
Type 3_serv	BOBJ1	41	118.84	After	Interior Girder 6	62.42	0.95	1	1	6.41343
Type 3_serv	BOBJ1	42	123.84	Before	Left Exterior Girder	67.42	0.95	1	1	6.306422
Type 3_serv	BOBJ1	42	123.84	Before	Interior Girder 1	67.42	0.95	1	1	4.667145
Type 3_serv	BOBJ1	42	123.84	Before	Interior Girder 2	67.42	0.95	1	1	4.411525
Type 3_serv	BOBJ1	42	123.84	Before	Interior Girder 3	67.42	0.95	1	1	3.67987
Type 3_serv	BOBJ1	42	123.84	Before	Interior Girder 4	67.42	0.95	1	1	3.67987
Type 3_serv	BOBJ1	42	123.84	Before	Interior Girder 5	67.42	0.95	1	1	4.411525
Type 3_serv	BOBJ1	42	123.84	Before	Interior Girder 6	67.42	0.95	1	1	4.667145
Type 3_serv	BOBJ1	42	123.84	Before	Right Exterior Girder	67.42	0.95	1	1	6.306422
Type 3_serv	BOBJ1	43	123.84	After	Left Exterior Girder	0	0.95	1	1	6.240025
Type 3_serv	BOBJ1	43	123.84	After	Interior Girder 1	0	0.95	1	1	4.591242
Type 3_serv	BOBJ1	43	123.84	After	Interior Girder 2	0	0.95	1	1	4.389402
Type 3_serv	BOBJ1	43	123.84	After	Interior Girder 3	0	0.95	1	1	3.671014
Type 3_serv	BOBJ1	43	123.84	After	Interior Girder 4	0	0.95	1	1	3.671014

TABLE: Bridge Super Rating AASHTORATE18 31 - SteelICompServ-Flx - Approach, Span 7-11										
Request	BridgeObj	BridgeCut	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	Unitless	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Type 3_serv	BOBJ1	43	123.84	After	Interior Girder 5	0	0.95	1	1	4.389402
Type 3_serv	BOBJ1	43	123.84	After	Interior Girder 6	0	0.95	1	1	4.591242
Type 3_serv	BOBJ1	43	123.84	After	Right Exterior Girder	0	0.95	1	1	6.240025
Type 3_serv	BOBJ1	44	128.84	Before	Interior Girder 1	5	0.95	1	1	6.557107
Type 3_serv	BOBJ1	44	128.84	Before	Interior Girder 2	5	0.95	1	1	6.305353
Type 3_serv	BOBJ1	44	128.84	Before	Interior Girder 3	5	0.95	1	1	5.978652
Type 3_serv	BOBJ1	44	128.84	Before	Interior Girder 4	5	0.95	1	1	5.978652
Type 3_serv	BOBJ1	44	128.84	Before	Interior Girder 5	5	0.95	1	1	6.305353
Type 3_serv	BOBJ1	44	128.84	Before	Interior Girder 6	5	0.95	1	1	6.557107
Type 3_serv	BOBJ1	45	128.84	After	Interior Girder 1	5	0.95	1	1	4.696724
Type 3_serv	BOBJ1	45	128.84	After	Interior Girder 2	5	0.95	1	1	4.623241
Type 3_serv	BOBJ1	45	128.84	After	Interior Girder 3	5	0.95	1	1	4.342944
Type 3_serv	BOBJ1	45	128.84	After	Interior Girder 4	5	0.95	1	1	4.342944
Type 3_serv	BOBJ1	45	128.84	After	Interior Girder 5	5	0.95	1	1	4.623241
Type 3_serv	BOBJ1	45	128.84	After	Interior Girder 6	5	0.95	1	1	4.696724
Type 3_serv	BOBJ1	46	131.34	Before	Left Exterior Girder	7.5	0.95	1	1	9.76776
Type 3_serv	BOBJ1	46	131.34	Before	Right Exterior Girder	7.5	0.95	1	1	9.76776
Type 3_serv	BOBJ1	47	131.34	After	Left Exterior Girder	7.5	0.95	1	1	4.922325
Type 3_serv	BOBJ1	47	131.34	After	Right Exterior Girder	7.5	0.95	1	1	4.922325
Type 3_serv	BOBJ1	48	132.265	Before	Left Exterior Girder	8.425	0.95	1	1	5.280335
Type 3_serv	BOBJ1	48	132.265	Before	Interior Girder 1	8.425	0.95	1	1	5.557077
Type 3_serv	BOBJ1	48	132.265	Before	Interior Girder 2	8.425	0.95	1	1	5.510028
Type 3_serv	BOBJ1	48	132.265	Before	Interior Girder 3	8.425	0.95	1	1	5.383347
Type 3_serv	BOBJ1	48	132.265	Before	Interior Girder 4	8.425	0.95	1	1	5.383347
Type 3_serv	BOBJ1	48	132.265	Before	Interior Girder 5	8.425	0.95	1	1	5.510028
Type 3_serv	BOBJ1	48	132.265	Before	Interior Girder 6	8.425	0.95	1	1	5.557077
Type 3_serv	BOBJ1	48	132.265	Before	Right Exterior Girder	8.425	0.95	1	1	5.280335
Type 3_serv	BOBJ1	49	132.265	After	Left Exterior Girder	8.425	0.95	1	1	5.16644
Type 3_serv	BOBJ1	49	132.265	After	Interior Girder 1	8.425	0.95	1	1	5.653661
Type 3_serv	BOBJ1	49	132.265	After	Interior Girder 2	8.425	0.95	1	1	5.564371
Type 3_serv	BOBJ1	49	132.265	After	Interior Girder 3	8.425	0.95	1	1	5.403901
Type 3_serv	BOBJ1	49	132.265	After	Interior Girder 4	8.425	0.95	1	1	5.403901
Type 3_serv	BOBJ1	49	132.265	After	Interior Girder 5	8.425	0.95	1	1	5.564371
Type 3_serv	BOBJ1	49	132.265	After	Interior Girder 6	8.425	0.95	1	1	5.653661
Type 3_serv	BOBJ1	49	132.265	After	Right Exterior Girder	8.425	0.95	1	1	5.16644
Type 3_serv	BOBJ1	50	140.69	Before	Left Exterior Girder	16.85	0.95	1	1	7.373299
Type 3_serv	BOBJ1	50	140.69	Before	Interior Girder 1	16.85	0.95	1	1	6.383052
Type 3_serv	BOBJ1	50	140.69	Before	Interior Girder 2	16.85	0.95	1	1	5.86496
Type 3_serv	BOBJ1	50	140.69	Before	Interior Girder 3	16.85	0.95	1	1	5.69835
Type 3_serv	BOBJ1	50	140.69	Before	Interior Girder 4	16.85	0.95	1	1	5.69835
Type 3_serv	BOBJ1	50	140.69	Before	Interior Girder 5	16.85	0.95	1	1	5.86496
Type 3_serv	BOBJ1	50	140.69	Before	Interior Girder 6	16.85	0.95	1	1	6.383052
Type 3_serv	BOBJ1	50	140.69	Before	Right Exterior Girder	16.85	0.95	1	1	7.373299
Type 3_serv	BOBJ1	51	140.69	After	Left Exterior Girder	16.85	0.95	1	1	7.558789
Type 3_serv	BOBJ1	51	140.69	After	Interior Girder 1	16.85	0.95	1	1	6.28289
Type 3_serv	BOBJ1	51	140.69	After	Interior Girder 2	16.85	0.95	1	1	5.860789
Type 3_serv	BOBJ1	51	140.69	After	Interior Girder 3	16.85	0.95	1	1	5.782014
Type 3_serv	BOBJ1	51	140.69	After	Interior Girder 4	16.85	0.95	1	1	5.782014
Type 3_serv	BOBJ1	51	140.69	After	Interior Girder 5	16.85	0.95	1	1	5.860789
Type 3_serv	BOBJ1	51	140.69	After	Interior Girder 6	16.85	0.95	1	1	6.28289
Type 3_serv	BOBJ1	51	140.69	After	Right Exterior Girder	16.85	0.95	1	1	7.558789
Type 3_serv	BOBJ1	52	149.115	Before	Left Exterior Girder	25.275	0.95	1	1	4.725464
Type 3_serv	BOBJ1	52	149.115	Before	Interior Girder 1	25.275	0.95	1	1	3.944093
Type 3_serv	BOBJ1	52	149.115	Before	Interior Girder 2	25.275	0.95	1	1	3.815046
Type 3_serv	BOBJ1	52	149.115	Before	Interior Girder 3	25.275	0.95	1	1	3.716307
Type 3_serv	BOBJ1	52	149.115	Before	Interior Girder 4	25.275	0.95	1	1	3.716307
Type 3_serv	BOBJ1	52	149.115	Before	Interior Girder 5	25.275	0.95	1	1	3.815046
Type 3_serv	BOBJ1	52	149.115	Before	Interior Girder 6	25.275	0.95	1	1	3.944093
Type 3_serv	BOBJ1	52	149.115	Before	Right Exterior Girder	25.275	0.95	1	1	4.725464
Type 3_serv	BOBJ1	53	149.115	After	Left Exterior Girder	25.275	0.95	1	1	4.782799
Type 3_serv	BOBJ1	53	149.115	After	Interior Girder 1	25.275	0.95	1	1	3.913491
Type 3_serv	BOBJ1	53	149.115	After	Interior Girder 2	25.275	0.95	1	1	3.807464
Type 3_serv	BOBJ1	53	149.115	After	Interior Girder 3	25.275	0.95	1	1	3.73767
Type 3_serv	BOBJ1	53	149.115	After	Interior Girder 4	25.275	0.95	1	1	3.73767
Type 3_serv	BOBJ1	53	149.115	After	Interior Girder 5	25.275	0.95	1	1	3.807464
Type 3_serv	BOBJ1	53	149.115	After	Interior Girder 6	25.275	0.95	1	1	3.913491
Type 3_serv	BOBJ1	53	149.115	After	Right Exterior Girder	25.275	0.95	1	1	4.782799
Type 3_serv	BOBJ1	54	157.54	Before	Left Exterior Girder	33.7	0.95	1	1	3.888932
Type 3_serv	BOBJ1	54	157.54	Before	Interior Girder 1	33.7	0.95	1	1	3.740545
Type 3_serv	BOBJ1	54	157.54	Before	Interior Girder 2	33.7	0.95	1	1	3.641697
Type 3_serv	BOBJ1	54	157.54	Before	Interior Girder 3	33.7	0.95	1	1	3.677583
Type 3_serv	BOBJ1	54	157.54	Before	Interior Girder 4	33.7	0.95	1	1	3.677583
Type 3_serv	BOBJ1	54	157.54	Before	Interior Girder 5	33.7	0.95	1	1	3.641697

TABLE: Bridge Super Rating AASHTORATE18 31 - SteelICompServ-Flx - Approach, Span 7-11										
Request	BridgeObj	BridgeCut	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	Unitless	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Type 3_serv	BOBJ1	54	157.54	Before	Interior Girder 6	33.7	0.95	1	1	3.740545
Type 3_serv	BOBJ1	54	157.54	Before	Right Exterior Girder	33.7	0.95	1	1	3.888932
Type 3_serv	BOBJ1	55	157.54	After	Left Exterior Girder	33.7	0.95	1	1	3.889249
Type 3_serv	BOBJ1	55	157.54	After	Interior Girder 1	33.7	0.95	1	1	3.740454
Type 3_serv	BOBJ1	55	157.54	After	Interior Girder 2	33.7	0.95	1	1	3.641705
Type 3_serv	BOBJ1	55	157.54	After	Interior Girder 3	33.7	0.95	1	1	3.677579
Type 3_serv	BOBJ1	55	157.54	After	Interior Girder 4	33.7	0.95	1	1	3.677579
Type 3_serv	BOBJ1	55	157.54	After	Interior Girder 5	33.7	0.95	1	1	3.641705
Type 3_serv	BOBJ1	55	157.54	After	Interior Girder 6	33.7	0.95	1	1	3.740454
Type 3_serv	BOBJ1	55	157.54	After	Right Exterior Girder	33.7	0.95	1	1	3.889249
Type 3_serv	BOBJ1	56	165.965	Before	Left Exterior Girder	42.125	0.95	1	1	4.77897
Type 3_serv	BOBJ1	56	165.965	Before	Interior Girder 1	42.125	0.95	1	1	3.911917
Type 3_serv	BOBJ1	56	165.965	Before	Interior Girder 2	42.125	0.95	1	1	3.805988
Type 3_serv	BOBJ1	56	165.965	Before	Interior Girder 3	42.125	0.95	1	1	3.736018
Type 3_serv	BOBJ1	56	165.965	Before	Interior Girder 4	42.125	0.95	1	1	3.736018
Type 3_serv	BOBJ1	56	165.965	Before	Interior Girder 5	42.125	0.95	1	1	3.805988
Type 3_serv	BOBJ1	56	165.965	Before	Interior Girder 6	42.125	0.95	1	1	3.911917
Type 3_serv	BOBJ1	56	165.965	Before	Right Exterior Girder	42.125	0.95	1	1	4.77897
Type 3_serv	BOBJ1	57	165.965	After	Left Exterior Girder	42.125	0.95	1	1	4.722148
Type 3_serv	BOBJ1	57	165.965	After	Interior Girder 1	42.125	0.95	1	1	3.942364
Type 3_serv	BOBJ1	57	165.965	After	Interior Girder 2	42.125	0.95	1	1	3.813534
Type 3_serv	BOBJ1	57	165.965	After	Interior Girder 3	42.125	0.95	1	1	3.714808
Type 3_serv	BOBJ1	57	165.965	After	Interior Girder 4	42.125	0.95	1	1	3.714808
Type 3_serv	BOBJ1	57	165.965	After	Interior Girder 5	42.125	0.95	1	1	3.813534
Type 3_serv	BOBJ1	57	165.965	After	Interior Girder 6	42.125	0.95	1	1	3.942364
Type 3_serv	BOBJ1	57	165.965	After	Right Exterior Girder	42.125	0.95	1	1	4.722148
Type 3_serv	BOBJ1	58	174.39	Before	Left Exterior Girder	50.55	0.95	1	1	7.543605
Type 3_serv	BOBJ1	58	174.39	Before	Interior Girder 1	50.55	0.95	1	1	6.275805
Type 3_serv	BOBJ1	58	174.39	Before	Interior Girder 2	50.55	0.95	1	1	5.854923
Type 3_serv	BOBJ1	58	174.39	Before	Interior Girder 3	50.55	0.95	1	1	5.775136
Type 3_serv	BOBJ1	58	174.39	Before	Interior Girder 4	50.55	0.95	1	1	5.775136
Type 3_serv	BOBJ1	58	174.39	Before	Interior Girder 5	50.55	0.95	1	1	5.854923
Type 3_serv	BOBJ1	58	174.39	Before	Interior Girder 6	50.55	0.95	1	1	6.275805
Type 3_serv	BOBJ1	58	174.39	Before	Right Exterior Girder	50.55	0.95	1	1	7.543605
Type 3_serv	BOBJ1	59	174.39	After	Left Exterior Girder	50.55	0.95	1	1	7.358881
Type 3_serv	BOBJ1	59	174.39	After	Interior Girder 1	50.55	0.95	1	1	6.375996
Type 3_serv	BOBJ1	59	174.39	After	Interior Girder 2	50.55	0.95	1	1	5.859207
Type 3_serv	BOBJ1	59	174.39	After	Interior Girder 3	50.55	0.95	1	1	5.691783
Type 3_serv	BOBJ1	59	174.39	After	Interior Girder 4	50.55	0.95	1	1	5.691783
Type 3_serv	BOBJ1	59	174.39	After	Interior Girder 5	50.55	0.95	1	1	5.859207
Type 3_serv	BOBJ1	59	174.39	After	Interior Girder 6	50.55	0.95	1	1	6.375996
Type 3_serv	BOBJ1	59	174.39	After	Right Exterior Girder	50.55	0.95	1	1	7.358881
Type 3_serv	BOBJ1	60	182.825	Before	Left Exterior Girder	58.985	0.95	1	1	5.171934
Type 3_serv	BOBJ1	60	182.825	Before	Interior Girder 1	58.985	0.95	1	1	5.651368
Type 3_serv	BOBJ1	60	182.825	Before	Interior Girder 2	58.985	0.95	1	1	5.561671
Type 3_serv	BOBJ1	60	182.825	Before	Interior Girder 3	58.985	0.95	1	1	5.407125
Type 3_serv	BOBJ1	60	182.825	Before	Interior Girder 4	58.985	0.95	1	1	5.407125
Type 3_serv	BOBJ1	60	182.825	Before	Interior Girder 5	58.985	0.95	1	1	5.561671
Type 3_serv	BOBJ1	60	182.825	Before	Interior Girder 6	58.985	0.95	1	1	5.651368
Type 3_serv	BOBJ1	60	182.825	Before	Right Exterior Girder	58.985	0.95	1	1	5.171934
Type 3_serv	BOBJ1	61	182.825	After	Left Exterior Girder	58.985	0.95	1	1	5.286222
Type 3_serv	BOBJ1	61	182.825	After	Interior Girder 1	58.985	0.95	1	1	5.554892
Type 3_serv	BOBJ1	61	182.825	After	Interior Girder 2	58.985	0.95	1	1	5.507175
Type 3_serv	BOBJ1	61	182.825	After	Interior Girder 3	58.985	0.95	1	1	5.386816
Type 3_serv	BOBJ1	61	182.825	After	Interior Girder 4	58.985	0.95	1	1	5.386816
Type 3_serv	BOBJ1	61	182.825	After	Interior Girder 5	58.985	0.95	1	1	5.507175
Type 3_serv	BOBJ1	61	182.825	After	Interior Girder 6	58.985	0.95	1	1	5.554892
Type 3_serv	BOBJ1	61	182.825	After	Right Exterior Girder	58.985	0.95	1	1	5.286222
Type 3_serv	BOBJ1	62	183.76	Before	Left Exterior Girder	59.92	0.95	1	1	4.906307
Type 3_serv	BOBJ1	62	183.76	Before	Right Exterior Girder	59.92	0.95	1	1	4.906307
Type 3_serv	BOBJ1	63	183.76	After	Left Exterior Girder	59.92	0.95	1	1	9.743383
Type 3_serv	BOBJ1	63	183.76	After	Right Exterior Girder	59.92	0.95	1	1	9.743383
Type 3_serv	BOBJ1	64	186.26	Before	Interior Girder 1	62.42	0.95	1	1	4.69111
Type 3_serv	BOBJ1	64	186.26	Before	Interior Girder 2	62.42	0.95	1	1	4.617321
Type 3_serv	BOBJ1	64	186.26	Before	Interior Girder 3	62.42	0.95	1	1	4.343506
Type 3_serv	BOBJ1	64	186.26	Before	Interior Girder 4	62.42	0.95	1	1	4.343506
Type 3_serv	BOBJ1	64	186.26	Before	Interior Girder 5	62.42	0.95	1	1	4.617321
Type 3_serv	BOBJ1	64	186.26	Before	Interior Girder 6	62.42	0.95	1	1	4.69111
Type 3_serv	BOBJ1	65	186.26	After	Interior Girder 1	62.42	0.95	1	1	6.550354
Type 3_serv	BOBJ1	65	186.26	After	Interior Girder 2	62.42	0.95	1	1	6.298411
Type 3_serv	BOBJ1	65	186.26	After	Interior Girder 3	62.42	0.95	1	1	5.980597
Type 3_serv	BOBJ1	65	186.26	After	Interior Girder 4	62.42	0.95	1	1	5.980597
Type 3_serv	BOBJ1	65	186.26	After	Interior Girder 5	62.42	0.95	1	1	6.298411

TABLE: Bridge Super Rating AASHTORATE18 31 - SteelICompServ-Flx - Approach, Span 7-11										
Request	BridgeObj	BridgeCut	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	Unitless	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Type 3_serv	BOBJ1	65	186.26	After	Interior Girder 6	62.42	0.95	1	1	6.550354
Type 3_serv	BOBJ1	66	191.26	Before	Left Exterior Girder	67.42	0.95	1	1	6.243691
Type 3_serv	BOBJ1	66	191.26	Before	Interior Girder 1	67.42	0.95	1	1	4.584197
Type 3_serv	BOBJ1	66	191.26	Before	Interior Girder 2	67.42	0.95	1	1	4.380169
Type 3_serv	BOBJ1	66	191.26	Before	Interior Girder 3	67.42	0.95	1	1	3.670402
Type 3_serv	BOBJ1	66	191.26	Before	Interior Girder 4	67.42	0.95	1	1	3.670402
Type 3_serv	BOBJ1	66	191.26	Before	Interior Girder 5	67.42	0.95	1	1	4.380169
Type 3_serv	BOBJ1	66	191.26	Before	Interior Girder 6	67.42	0.95	1	1	4.584197
Type 3_serv	BOBJ1	66	191.26	Before	Right Exterior Girder	67.42	0.95	1	1	6.243691
Type 3_serv	BOBJ1	67	191.26	After	Left Exterior Girder	0	0.95	1	1	6.296739
Type 3_serv	BOBJ1	67	191.26	After	Interior Girder 1	0	0.95	1	1	4.670351
Type 3_serv	BOBJ1	67	191.26	After	Interior Girder 2	0	0.95	1	1	4.417645
Type 3_serv	BOBJ1	67	191.26	After	Interior Girder 3	0	0.95	1	1	3.67844
Type 3_serv	BOBJ1	67	191.26	After	Interior Girder 4	0	0.95	1	1	3.67844
Type 3_serv	BOBJ1	67	191.26	After	Interior Girder 5	0	0.95	1	1	4.417645
Type 3_serv	BOBJ1	67	191.26	After	Interior Girder 6	0	0.95	1	1	4.670351
Type 3_serv	BOBJ1	67	191.26	After	Right Exterior Girder	0	0.95	1	1	6.296739
Type 3_serv	BOBJ1	68	196.26	Before	Interior Girder 1	5	0.95	1	1	6.416255
Type 3_serv	BOBJ1	68	196.26	Before	Interior Girder 2	5	0.95	1	1	6.197549
Type 3_serv	BOBJ1	68	196.26	Before	Interior Girder 3	5	0.95	1	1	5.896989
Type 3_serv	BOBJ1	68	196.26	Before	Interior Girder 4	5	0.95	1	1	5.896989
Type 3_serv	BOBJ1	68	196.26	Before	Interior Girder 5	5	0.95	1	1	6.197549
Type 3_serv	BOBJ1	68	196.26	Before	Interior Girder 6	5	0.95	1	1	6.416255
Type 3_serv	BOBJ1	69	196.26	After	Interior Girder 1	5	0.95	1	1	4.591493
Type 3_serv	BOBJ1	69	196.26	After	Interior Girder 2	5	0.95	1	1	4.541554
Type 3_serv	BOBJ1	69	196.26	After	Interior Girder 3	5	0.95	1	1	4.267376
Type 3_serv	BOBJ1	69	196.26	After	Interior Girder 4	5	0.95	1	1	4.267376
Type 3_serv	BOBJ1	69	196.26	After	Interior Girder 5	5	0.95	1	1	4.541554
Type 3_serv	BOBJ1	69	196.26	After	Interior Girder 6	5	0.95	1	1	4.591493
Type 3_serv	BOBJ1	70	198.76	Before	Left Exterior Girder	7.5	0.95	1	1	9.512022
Type 3_serv	BOBJ1	70	198.76	Before	Right Exterior Girder	7.5	0.95	1	1	9.512022
Type 3_serv	BOBJ1	71	198.76	After	Left Exterior Girder	7.5	0.95	1	1	4.791283
Type 3_serv	BOBJ1	71	198.76	After	Right Exterior Girder	7.5	0.95	1	1	4.791283
Type 3_serv	BOBJ1	72	199.685	Before	Left Exterior Girder	8.425	0.95	1	1	5.142634
Type 3_serv	BOBJ1	72	199.685	Before	Interior Girder 1	8.425	0.95	1	1	5.429153
Type 3_serv	BOBJ1	72	199.685	Before	Interior Girder 2	8.425	0.95	1	1	5.414696
Type 3_serv	BOBJ1	72	199.685	Before	Interior Girder 3	8.425	0.95	1	1	5.288959
Type 3_serv	BOBJ1	72	199.685	Before	Interior Girder 4	8.425	0.95	1	1	5.288959
Type 3_serv	BOBJ1	72	199.685	Before	Interior Girder 5	8.425	0.95	1	1	5.414696
Type 3_serv	BOBJ1	72	199.685	Before	Interior Girder 6	8.425	0.95	1	1	5.429153
Type 3_serv	BOBJ1	72	199.685	Before	Right Exterior Girder	8.425	0.95	1	1	5.142634
Type 3_serv	BOBJ1	73	199.685	After	Left Exterior Girder	8.425	0.95	1	1	5.032264
Type 3_serv	BOBJ1	73	199.685	After	Interior Girder 1	8.425	0.95	1	1	5.524437
Type 3_serv	BOBJ1	73	199.685	After	Interior Girder 2	8.425	0.95	1	1	5.467517
Type 3_serv	BOBJ1	73	199.685	After	Interior Girder 3	8.425	0.95	1	1	5.307618
Type 3_serv	BOBJ1	73	199.685	After	Interior Girder 4	8.425	0.95	1	1	5.307618
Type 3_serv	BOBJ1	73	199.685	After	Interior Girder 5	8.425	0.95	1	1	5.467517
Type 3_serv	BOBJ1	73	199.685	After	Interior Girder 6	8.425	0.95	1	1	5.524437
Type 3_serv	BOBJ1	73	199.685	After	Right Exterior Girder	8.425	0.95	1	1	5.032264
Type 3_serv	BOBJ1	74	208.11	Before	Left Exterior Girder	16.85	0.95	1	1	7.326234
Type 3_serv	BOBJ1	74	208.11	Before	Interior Girder 1	16.85	0.95	1	1	6.374813
Type 3_serv	BOBJ1	74	208.11	Before	Interior Girder 2	16.85	0.95	1	1	5.855421
Type 3_serv	BOBJ1	74	208.11	Before	Interior Girder 3	16.85	0.95	1	1	5.684424
Type 3_serv	BOBJ1	74	208.11	Before	Interior Girder 4	16.85	0.95	1	1	5.684424
Type 3_serv	BOBJ1	74	208.11	Before	Interior Girder 5	16.85	0.95	1	1	5.855421
Type 3_serv	BOBJ1	74	208.11	Before	Interior Girder 6	16.85	0.95	1	1	6.374813
Type 3_serv	BOBJ1	74	208.11	Before	Right Exterior Girder	16.85	0.95	1	1	7.326234
Type 3_serv	BOBJ1	75	208.11	After	Left Exterior Girder	16.85	0.95	1	1	7.506153
Type 3_serv	BOBJ1	75	208.11	After	Interior Girder 1	16.85	0.95	1	1	6.274189
Type 3_serv	BOBJ1	75	208.11	After	Interior Girder 2	16.85	0.95	1	1	5.852214
Type 3_serv	BOBJ1	75	208.11	After	Interior Girder 3	16.85	0.95	1	1	5.768824
Type 3_serv	BOBJ1	75	208.11	After	Interior Girder 4	16.85	0.95	1	1	5.768824
Type 3_serv	BOBJ1	75	208.11	After	Interior Girder 5	16.85	0.95	1	1	5.852214
Type 3_serv	BOBJ1	75	208.11	After	Interior Girder 6	16.85	0.95	1	1	6.274189
Type 3_serv	BOBJ1	75	208.11	After	Right Exterior Girder	16.85	0.95	1	1	7.506153
Type 3_serv	BOBJ1	76	216.535	Before	Left Exterior Girder	25.275	0.95	1	1	4.748221
Type 3_serv	BOBJ1	76	216.535	Before	Interior Girder 1	25.275	0.95	1	1	3.965904
Type 3_serv	BOBJ1	76	216.535	Before	Interior Girder 2	25.275	0.95	1	1	3.828314
Type 3_serv	BOBJ1	76	216.535	Before	Interior Girder 3	25.275	0.95	1	1	3.720976
Type 3_serv	BOBJ1	76	216.535	Before	Interior Girder 4	25.275	0.95	1	1	3.720976
Type 3_serv	BOBJ1	76	216.535	Before	Interior Girder 5	25.275	0.95	1	1	3.828314
Type 3_serv	BOBJ1	76	216.535	Before	Interior Girder 6	25.275	0.95	1	1	3.965904
Type 3_serv	BOBJ1	76	216.535	Before	Right Exterior Girder	25.275	0.95	1	1	4.748221

TABLE: Bridge Super Rating AASHTORATE18 31 - SteelICompServ-Flx - Approach, Span 7-11										
Request	BridgeObj	BridgeCut	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	Unitless	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Type 3_serv	BOBJ1	77	216.535	After	Left Exterior Girder	25.275	0.95	1	1	4.803072
Type 3_serv	BOBJ1	77	216.535	After	Interior Girder 1	25.275	0.95	1	1	3.93438
Type 3_serv	BOBJ1	77	216.535	After	Interior Girder 2	25.275	0.95	1	1	3.821743
Type 3_serv	BOBJ1	77	216.535	After	Interior Girder 3	25.275	0.95	1	1	3.742784
Type 3_serv	BOBJ1	77	216.535	After	Interior Girder 4	25.275	0.95	1	1	3.742784
Type 3_serv	BOBJ1	77	216.535	After	Interior Girder 5	25.275	0.95	1	1	3.821743
Type 3_serv	BOBJ1	77	216.535	After	Interior Girder 6	25.275	0.95	1	1	3.93438
Type 3_serv	BOBJ1	77	216.535	After	Right Exterior Girder	25.275	0.95	1	1	4.803072
Type 3_serv	BOBJ1	78	224.96	Before	Left Exterior Girder	33.7	0.95	1	1	3.943728
Type 3_serv	BOBJ1	78	224.96	Before	Interior Girder 1	33.7	0.95	1	1	3.786325
Type 3_serv	BOBJ1	78	224.96	Before	Interior Girder 2	33.7	0.95	1	1	3.669253
Type 3_serv	BOBJ1	78	224.96	Before	Interior Girder 3	33.7	0.95	1	1	3.691307
Type 3_serv	BOBJ1	78	224.96	Before	Interior Girder 4	33.7	0.95	1	1	3.691307
Type 3_serv	BOBJ1	78	224.96	Before	Interior Girder 5	33.7	0.95	1	1	3.669253
Type 3_serv	BOBJ1	78	224.96	Before	Interior Girder 6	33.7	0.95	1	1	3.786325
Type 3_serv	BOBJ1	78	224.96	Before	Right Exterior Girder	33.7	0.95	1	1	3.943728
Type 3_serv	BOBJ1	79	224.96	After	Left Exterior Girder	33.7	0.95	1	1	3.942209
Type 3_serv	BOBJ1	79	224.96	After	Interior Girder 1	33.7	0.95	1	1	3.786492
Type 3_serv	BOBJ1	79	224.96	After	Interior Girder 2	33.7	0.95	1	1	3.671891
Type 3_serv	BOBJ1	79	224.96	After	Interior Girder 3	33.7	0.95	1	1	3.691998
Type 3_serv	BOBJ1	79	224.96	After	Interior Girder 4	33.7	0.95	1	1	3.691998
Type 3_serv	BOBJ1	79	224.96	After	Interior Girder 5	33.7	0.95	1	1	3.671891
Type 3_serv	BOBJ1	79	224.96	After	Interior Girder 6	33.7	0.95	1	1	3.786492
Type 3_serv	BOBJ1	79	224.96	After	Right Exterior Girder	33.7	0.95	1	1	3.942209
Type 3_serv	BOBJ1	80	233.385	Before	Left Exterior Girder	42.125	0.95	1	1	4.918096
Type 3_serv	BOBJ1	80	233.385	Before	Interior Girder 1	42.125	0.95	1	1	3.975809
Type 3_serv	BOBJ1	80	233.385	Before	Interior Girder 2	42.125	0.95	1	1	3.847773
Type 3_serv	BOBJ1	80	233.385	Before	Interior Girder 3	42.125	0.95	1	1	3.76134
Type 3_serv	BOBJ1	80	233.385	Before	Interior Girder 4	42.125	0.95	1	1	3.76134
Type 3_serv	BOBJ1	80	233.385	Before	Interior Girder 5	42.125	0.95	1	1	3.847773
Type 3_serv	BOBJ1	80	233.385	Before	Interior Girder 6	42.125	0.95	1	1	3.975809
Type 3_serv	BOBJ1	80	233.385	Before	Right Exterior Girder	42.125	0.95	1	1	4.918096
Type 3_serv	BOBJ1	81	233.385	After	Left Exterior Girder	42.125	0.95	1	1	4.851696
Type 3_serv	BOBJ1	81	233.385	After	Interior Girder 1	42.125	0.95	1	1	4.010892
Type 3_serv	BOBJ1	81	233.385	After	Interior Girder 2	42.125	0.95	1	1	3.855955
Type 3_serv	BOBJ1	81	233.385	After	Interior Girder 3	42.125	0.95	1	1	3.738035
Type 3_serv	BOBJ1	81	233.385	After	Interior Girder 4	42.125	0.95	1	1	3.738035
Type 3_serv	BOBJ1	81	233.385	After	Interior Girder 5	42.125	0.95	1	1	3.855955
Type 3_serv	BOBJ1	81	233.385	After	Interior Girder 6	42.125	0.95	1	1	4.010892
Type 3_serv	BOBJ1	81	233.385	After	Right Exterior Girder	42.125	0.95	1	1	4.851696
Type 3_serv	BOBJ1	82	241.81	Before	Left Exterior Girder	50.55	0.95	1	1	7.918673
Type 3_serv	BOBJ1	82	241.81	Before	Interior Girder 1	50.55	0.95	1	1	6.489724
Type 3_serv	BOBJ1	82	241.81	Before	Interior Girder 2	50.55	0.95	1	1	5.998872
Type 3_serv	BOBJ1	82	241.81	Before	Interior Girder 3	50.55	0.95	1	1	5.926507
Type 3_serv	BOBJ1	82	241.81	Before	Interior Girder 4	50.55	0.95	1	1	5.926507
Type 3_serv	BOBJ1	82	241.81	Before	Interior Girder 5	50.55	0.95	1	1	5.998872
Type 3_serv	BOBJ1	82	241.81	Before	Interior Girder 6	50.55	0.95	1	1	6.489724
Type 3_serv	BOBJ1	82	241.81	Before	Right Exterior Girder	50.55	0.95	1	1	7.918673
Type 3_serv	BOBJ1	83	241.81	After	Left Exterior Girder	50.55	0.95	1	1	7.73752
Type 3_serv	BOBJ1	83	241.81	After	Interior Girder 1	50.55	0.95	1	1	6.583757
Type 3_serv	BOBJ1	83	241.81	After	Interior Girder 2	50.55	0.95	1	1	6.029542
Type 3_serv	BOBJ1	83	241.81	After	Interior Girder 3	50.55	0.95	1	1	5.883452
Type 3_serv	BOBJ1	83	241.81	After	Interior Girder 4	50.55	0.95	1	1	5.883452
Type 3_serv	BOBJ1	83	241.81	After	Interior Girder 5	50.55	0.95	1	1	6.029542
Type 3_serv	BOBJ1	83	241.81	After	Interior Girder 6	50.55	0.95	1	1	6.583757
Type 3_serv	BOBJ1	83	241.81	After	Right Exterior Girder	50.55	0.95	1	1	7.73752
Type 3_serv	BOBJ1	84	245.18	Before	Left Exterior Girder	53.92	0.95	1	1	7.543319
Type 3_serv	BOBJ1	84	245.18	Before	Interior Girder 1	53.92	0.95	1	1	7.706259
Type 3_serv	BOBJ1	84	245.18	Before	Interior Girder 2	53.92	0.95	1	1	7.447607
Type 3_serv	BOBJ1	84	245.18	Before	Interior Girder 3	53.92	0.95	1	1	7.303478
Type 3_serv	BOBJ1	84	245.18	Before	Interior Girder 4	53.92	0.95	1	1	7.303478
Type 3_serv	BOBJ1	84	245.18	Before	Interior Girder 5	53.92	0.95	1	1	7.447607
Type 3_serv	BOBJ1	84	245.18	Before	Interior Girder 6	53.92	0.95	1	1	7.706259
Type 3_serv	BOBJ1	84	245.18	Before	Right Exterior Girder	53.92	0.95	1	1	7.543319
Type 3_serv	BOBJ1	85	245.18	After	Left Exterior Girder	53.92	0.95	1	1	8.778147
Type 3_serv	BOBJ1	85	245.18	After	Interior Girder 1	53.92	0.95	1	1	8.245642
Type 3_serv	BOBJ1	85	245.18	After	Interior Girder 2	53.92	0.95	1	1	7.852568
Type 3_serv	BOBJ1	85	245.18	After	Interior Girder 3	53.92	0.95	1	1	7.624088
Type 3_serv	BOBJ1	85	245.18	After	Interior Girder 4	53.92	0.95	1	1	7.624088
Type 3_serv	BOBJ1	85	245.18	After	Interior Girder 5	53.92	0.95	1	1	7.852568
Type 3_serv	BOBJ1	85	245.18	After	Interior Girder 6	53.92	0.95	1	1	8.245642
Type 3_serv	BOBJ1	85	245.18	After	Right Exterior Girder	53.92	0.95	1	1	8.778147
Type 3_serv	BOBJ1	86	250.245	Before	Left Exterior Girder	58.985	0.95	1	1	6.661215

TABLE: Bridge Super Rating AASHTORATE18 31 - SteelCompServ-Flx - Approach, Span 7-11										
Request	BridgeObj	BridgeCut	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	Unitless	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Type 3_serv	BOBJ1	86	250.245	Before	Interior Girder 1	58.985	0.95	1	1	6.65367
Type 3_serv	BOBJ1	86	250.245	Before	Interior Girder 2	58.985	0.95	1	1	6.343388
Type 3_serv	BOBJ1	86	250.245	Before	Interior Girder 3	58.985	0.95	1	1	6.132912
Type 3_serv	BOBJ1	86	250.245	Before	Interior Girder 4	58.985	0.95	1	1	6.132912
Type 3_serv	BOBJ1	86	250.245	Before	Interior Girder 5	58.985	0.95	1	1	6.343388
Type 3_serv	BOBJ1	86	250.245	Before	Interior Girder 6	58.985	0.95	1	1	6.65367
Type 3_serv	BOBJ1	86	250.245	Before	Right Exterior Girder	58.985	0.95	1	1	6.661215
Type 3_serv	BOBJ1	87	250.245	After	Left Exterior Girder	58.985	0.95	1	1	6.718836
Type 3_serv	BOBJ1	87	250.245	After	Interior Girder 1	58.985	0.95	1	1	6.588685
Type 3_serv	BOBJ1	87	250.245	After	Interior Girder 2	58.985	0.95	1	1	6.280736
Type 3_serv	BOBJ1	87	250.245	After	Interior Girder 3	58.985	0.95	1	1	6.091501
Type 3_serv	BOBJ1	87	250.245	After	Interior Girder 4	58.985	0.95	1	1	6.091501
Type 3_serv	BOBJ1	87	250.245	After	Interior Girder 5	58.985	0.95	1	1	6.280736
Type 3_serv	BOBJ1	87	250.245	After	Interior Girder 6	58.985	0.95	1	1	6.588685
Type 3_serv	BOBJ1	87	250.245	After	Right Exterior Girder	58.985	0.95	1	1	6.718836
Type 3_serv	BOBJ1	88	251.68	Before	Left Exterior Girder	60.42	0.95	1	1	6.137806
Type 3_serv	BOBJ1	88	251.68	Before	Right Exterior Girder	60.42	0.95	1	1	6.137806
Type 3_serv	BOBJ1	89	251.68	After	Left Exterior Girder	60.42	0.95	1	1	10.652865
Type 3_serv	BOBJ1	89	251.68	After	Right Exterior Girder	60.42	0.95	1	1	10.652865
Type 3_serv	BOBJ1	90	254.18	Before	Interior Girder 1	62.92	0.95	1	1	5.403665
Type 3_serv	BOBJ1	90	254.18	Before	Interior Girder 2	62.92	0.95	1	1	5.148304
Type 3_serv	BOBJ1	90	254.18	Before	Interior Girder 3	62.92	0.95	1	1	4.696677
Type 3_serv	BOBJ1	90	254.18	Before	Interior Girder 4	62.92	0.95	1	1	4.696677
Type 3_serv	BOBJ1	90	254.18	Before	Interior Girder 5	62.92	0.95	1	1	5.148304
Type 3_serv	BOBJ1	90	254.18	Before	Interior Girder 6	62.92	0.95	1	1	5.403665
Type 3_serv	BOBJ1	91	254.18	After	Interior Girder 1	62.92	0.95	1	1	6.599632
Type 3_serv	BOBJ1	91	254.18	After	Interior Girder 2	62.92	0.95	1	1	6.168058
Type 3_serv	BOBJ1	91	254.18	After	Interior Girder 3	62.92	0.95	1	1	5.667817
Type 3_serv	BOBJ1	91	254.18	After	Interior Girder 4	62.92	0.95	1	1	5.667817
Type 3_serv	BOBJ1	91	254.18	After	Interior Girder 5	62.92	0.95	1	1	6.168058
Type 3_serv	BOBJ1	91	254.18	After	Interior Girder 6	62.92	0.95	1	1	6.599632
Type 3_serv	BOBJ1	92	258.68	Before	Left Exterior Girder	67.42	0.95	1	1	6.095847
Type 3_serv	BOBJ1	92	258.68	Before	Interior Girder 1	67.42	0.95	1	1	4.188935
Type 3_serv	BOBJ1	92	258.68	Before	Interior Girder 2	67.42	0.95	1	1	3.986595
Type 3_serv	BOBJ1	92	258.68	Before	Interior Girder 3	67.42	0.95	1	1	3.371309
Type 3_serv	BOBJ1	92	258.68	Before	Interior Girder 4	67.42	0.95	1	1	3.371309
Type 3_serv	BOBJ1	92	258.68	Before	Interior Girder 5	67.42	0.95	1	1	3.986595
Type 3_serv	BOBJ1	92	258.68	Before	Interior Girder 6	67.42	0.95	1	1	4.188935
Type 3_serv	BOBJ1	92	258.68	Before	Right Exterior Girder	67.42	0.95	1	1	6.095847
Type 3_serv	BOBJ1	93	258.68	After	Left Exterior Girder	0	0.95	1	1	6.231014
Type 3_serv	BOBJ1	93	258.68	After	Interior Girder 1	0	0.95	1	1	4.423534
Type 3_serv	BOBJ1	93	258.68	After	Interior Girder 2	0	0.95	1	1	4.123628
Type 3_serv	BOBJ1	93	258.68	After	Interior Girder 3	0	0.95	1	1	3.414557
Type 3_serv	BOBJ1	93	258.68	After	Interior Girder 4	0	0.95	1	1	3.414557
Type 3_serv	BOBJ1	93	258.68	After	Interior Girder 5	0	0.95	1	1	4.123628
Type 3_serv	BOBJ1	93	258.68	After	Interior Girder 6	0	0.95	1	1	4.423534
Type 3_serv	BOBJ1	93	258.68	After	Right Exterior Girder	0	0.95	1	1	6.231014
Type 3_serv	BOBJ1	94	263.18	Before	Interior Girder 1	4.5	0.95	1	1	5.760444
Type 3_serv	BOBJ1	94	263.18	Before	Interior Girder 2	4.5	0.95	1	1	5.548879
Type 3_serv	BOBJ1	94	263.18	Before	Interior Girder 3	4.5	0.95	1	1	5.246531
Type 3_serv	BOBJ1	94	263.18	Before	Interior Girder 4	4.5	0.95	1	1	5.246531
Type 3_serv	BOBJ1	94	263.18	Before	Interior Girder 5	4.5	0.95	1	1	5.548879
Type 3_serv	BOBJ1	94	263.18	Before	Interior Girder 6	4.5	0.95	1	1	5.760444
Type 3_serv	BOBJ1	95	263.18	After	Interior Girder 1	4.5	0.95	1	1	4.695693
Type 3_serv	BOBJ1	95	263.18	After	Interior Girder 2	4.5	0.95	1	1	4.624399
Type 3_serv	BOBJ1	95	263.18	After	Interior Girder 3	4.5	0.95	1	1	4.34169
Type 3_serv	BOBJ1	95	263.18	After	Interior Girder 4	4.5	0.95	1	1	4.34169
Type 3_serv	BOBJ1	95	263.18	After	Interior Girder 5	4.5	0.95	1	1	4.624399
Type 3_serv	BOBJ1	95	263.18	After	Interior Girder 6	4.5	0.95	1	1	4.695693
Type 3_serv	BOBJ1	96	265.68	Before	Left Exterior Girder	7	0.95	1	1	8.816283
Type 3_serv	BOBJ1	96	265.68	Before	Right Exterior Girder	7	0.95	1	1	8.816283
Type 3_serv	BOBJ1	97	265.68	After	Left Exterior Girder	7	0.95	1	1	5.105393
Type 3_serv	BOBJ1	97	265.68	After	Right Exterior Girder	7	0.95	1	1	5.105393
Type 3_serv	BOBJ1	98	268.08	Before	Left Exterior Girder	9.4	0.95	1	1	5.957292
Type 3_serv	BOBJ1	98	268.08	Before	Interior Girder 1	9.4	0.95	1	1	5.942996
Type 3_serv	BOBJ1	98	268.08	Before	Interior Girder 2	9.4	0.95	1	1	5.896869
Type 3_serv	BOBJ1	98	268.08	Before	Interior Girder 3	9.4	0.95	1	1	5.801829
Type 3_serv	BOBJ1	98	268.08	Before	Interior Girder 4	9.4	0.95	1	1	5.801829
Type 3_serv	BOBJ1	98	268.08	Before	Interior Girder 5	9.4	0.95	1	1	5.896869
Type 3_serv	BOBJ1	98	268.08	Before	Interior Girder 6	9.4	0.95	1	1	5.942996
Type 3_serv	BOBJ1	98	268.08	Before	Right Exterior Girder	9.4	0.95	1	1	5.957292
Type 3_serv	BOBJ1	99	268.08	After	Left Exterior Girder	9.4	0.95	1	1	5.8452
Type 3_serv	BOBJ1	99	268.08	After	Interior Girder 1	9.4	0.95	1	1	6.035695

TABLE: Bridge Super Rating AASHTORATE18 31 - SteelICompServ-Flx - Approach, Span 7-11										
Request	BridgeObj	BridgeCut	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	Unitless	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Type 3_serv	BOBJ1	99	268.08	After	Interior Girder 2	9.4	0.95	1	1	5.96373
Type 3_serv	BOBJ1	99	268.08	After	Interior Girder 3	9.4	0.95	1	1	5.828843
Type 3_serv	BOBJ1	99	268.08	After	Interior Girder 4	9.4	0.95	1	1	5.828843
Type 3_serv	BOBJ1	99	268.08	After	Interior Girder 5	9.4	0.95	1	1	5.96373
Type 3_serv	BOBJ1	99	268.08	After	Interior Girder 6	9.4	0.95	1	1	6.035695
Type 3_serv	BOBJ1	99	268.08	After	Right Exterior Girder	9.4	0.95	1	1	5.8452
Type 3_serv	BOBJ1	100	277.48	Before	Left Exterior Girder	18.8	0.95	1	1	6.330422
Type 3_serv	BOBJ1	100	277.48	Before	Interior Girder 1	18.8	0.95	1	1	5.575099
Type 3_serv	BOBJ1	100	277.48	Before	Interior Girder 2	18.8	0.95	1	1	5.122573
Type 3_serv	BOBJ1	100	277.48	Before	Interior Girder 3	18.8	0.95	1	1	4.991302
Type 3_serv	BOBJ1	100	277.48	Before	Interior Girder 4	18.8	0.95	1	1	4.991302
Type 3_serv	BOBJ1	100	277.48	Before	Interior Girder 5	18.8	0.95	1	1	5.122573
Type 3_serv	BOBJ1	100	277.48	Before	Interior Girder 6	18.8	0.95	1	1	5.575099
Type 3_serv	BOBJ1	100	277.48	Before	Right Exterior Girder	18.8	0.95	1	1	6.330422
Type 3_serv	BOBJ1	101	277.48	After	Left Exterior Girder	18.8	0.95	1	1	6.457147
Type 3_serv	BOBJ1	101	277.48	After	Interior Girder 1	18.8	0.95	1	1	5.486782
Type 3_serv	BOBJ1	101	277.48	After	Interior Girder 2	18.8	0.95	1	1	5.131079
Type 3_serv	BOBJ1	101	277.48	After	Interior Girder 3	18.8	0.95	1	1	5.056907
Type 3_serv	BOBJ1	101	277.48	After	Interior Girder 4	18.8	0.95	1	1	5.056907
Type 3_serv	BOBJ1	101	277.48	After	Interior Girder 5	18.8	0.95	1	1	5.131079
Type 3_serv	BOBJ1	101	277.48	After	Interior Girder 6	18.8	0.95	1	1	5.486782
Type 3_serv	BOBJ1	101	277.48	After	Right Exterior Girder	18.8	0.95	1	1	6.457147
Type 3_serv	BOBJ1	102	286.88	Before	Left Exterior Girder	28.2	0.95	1	1	4.597347
Type 3_serv	BOBJ1	102	286.88	Before	Interior Girder 1	28.2	0.95	1	1	3.667019
Type 3_serv	BOBJ1	102	286.88	Before	Interior Girder 2	28.2	0.95	1	1	3.523228
Type 3_serv	BOBJ1	102	286.88	Before	Interior Girder 3	28.2	0.95	1	1	3.397491
Type 3_serv	BOBJ1	102	286.88	Before	Interior Girder 4	28.2	0.95	1	1	3.397491
Type 3_serv	BOBJ1	102	286.88	Before	Interior Girder 5	28.2	0.95	1	1	3.523228
Type 3_serv	BOBJ1	102	286.88	Before	Interior Girder 6	28.2	0.95	1	1	3.667019
Type 3_serv	BOBJ1	102	286.88	Before	Right Exterior Girder	28.2	0.95	1	1	4.597347
Type 3_serv	BOBJ1	103	286.88	After	Left Exterior Girder	28.2	0.95	1	1	4.612772
Type 3_serv	BOBJ1	103	286.88	After	Interior Girder 1	28.2	0.95	1	1	3.656188
Type 3_serv	BOBJ1	103	286.88	After	Interior Girder 2	28.2	0.95	1	1	3.525109
Type 3_serv	BOBJ1	103	286.88	After	Interior Girder 3	28.2	0.95	1	1	3.407363
Type 3_serv	BOBJ1	103	286.88	After	Interior Girder 4	28.2	0.95	1	1	3.407363
Type 3_serv	BOBJ1	103	286.88	After	Interior Girder 5	28.2	0.95	1	1	3.525109
Type 3_serv	BOBJ1	103	286.88	After	Interior Girder 6	28.2	0.95	1	1	3.656188
Type 3_serv	BOBJ1	103	286.88	After	Right Exterior Girder	28.2	0.95	1	1	4.612772
Type 3_serv	BOBJ1	104	296.28	Before	Left Exterior Girder	37.6	0.95	1	1	4.263147
Type 3_serv	BOBJ1	104	296.28	Before	Interior Girder 1	37.6	0.95	1	1	3.866065
Type 3_serv	BOBJ1	104	296.28	Before	Interior Girder 2	37.6	0.95	1	1	3.680181
Type 3_serv	BOBJ1	104	296.28	Before	Interior Girder 3	37.6	0.95	1	1	3.646044
Type 3_serv	BOBJ1	104	296.28	Before	Interior Girder 4	37.6	0.95	1	1	3.646044
Type 3_serv	BOBJ1	104	296.28	Before	Interior Girder 5	37.6	0.95	1	1	3.680181
Type 3_serv	BOBJ1	104	296.28	Before	Interior Girder 6	37.6	0.95	1	1	3.866065
Type 3_serv	BOBJ1	104	296.28	Before	Right Exterior Girder	37.6	0.95	1	1	4.263147
Type 3_serv	BOBJ1	105	296.28	After	Left Exterior Girder	37.6	0.95	1	1	4.213307
Type 3_serv	BOBJ1	105	296.28	After	Interior Girder 1	37.6	0.95	1	1	3.904057
Type 3_serv	BOBJ1	105	296.28	After	Interior Girder 2	37.6	0.95	1	1	3.67363
Type 3_serv	BOBJ1	105	296.28	After	Interior Girder 3	37.6	0.95	1	1	3.620647
Type 3_serv	BOBJ1	105	296.28	After	Interior Girder 4	37.6	0.95	1	1	3.620647
Type 3_serv	BOBJ1	105	296.28	After	Interior Girder 5	37.6	0.95	1	1	3.67363
Type 3_serv	BOBJ1	105	296.28	After	Interior Girder 6	37.6	0.95	1	1	3.904057
Type 3_serv	BOBJ1	105	296.28	After	Right Exterior Girder	37.6	0.95	1	1	4.213307
Type 3_serv	BOBJ1	106	305.69	Before	Left Exterior Girder	47.01	0.95	1	1	7.469067
Type 3_serv	BOBJ1	106	305.69	Before	Interior Girder 1	47.01	0.95	1	1	5.222876
Type 3_serv	BOBJ1	106	305.69	Before	Interior Girder 2	47.01	0.95	1	1	4.997098
Type 3_serv	BOBJ1	106	305.69	Before	Interior Girder 3	47.01	0.95	1	1	4.660294
Type 3_serv	BOBJ1	106	305.69	Before	Interior Girder 4	47.01	0.95	1	1	4.660294
Type 3_serv	BOBJ1	106	305.69	Before	Interior Girder 5	47.01	0.95	1	1	4.997098
Type 3_serv	BOBJ1	106	305.69	Before	Interior Girder 6	47.01	0.95	1	1	5.222876
Type 3_serv	BOBJ1	106	305.69	Before	Right Exterior Girder	47.01	0.95	1	1	7.469067
Type 3_serv	BOBJ1	107	305.69	After	Left Exterior Girder	47.01	0.95	1	1	7.45494
Type 3_serv	BOBJ1	107	305.69	After	Interior Girder 1	47.01	0.95	1	1	5.232537
Type 3_serv	BOBJ1	107	305.69	After	Interior Girder 2	47.01	0.95	1	1	4.908807
Type 3_serv	BOBJ1	107	305.69	After	Interior Girder 3	47.01	0.95	1	1	4.505383
Type 3_serv	BOBJ1	107	305.69	After	Interior Girder 4	47.01	0.95	1	1	4.505383
Type 3_serv	BOBJ1	107	305.69	After	Interior Girder 5	47.01	0.95	1	1	4.908807
Type 3_serv	BOBJ1	107	305.69	After	Interior Girder 6	47.01	0.95	1	1	5.232537
Type 3_serv	BOBJ1	107	305.69	After	Right Exterior Girder	47.01	0.95	1	1	7.45494
Type 3_serv	BOBJ1	108	315.1	Before	Left Exterior Girder	56.42	0.95	1	1	412.471904
Type 3_serv	BOBJ1	108	315.1	Before	Interior Girder 1	56.42	0.95	1	1	513.698261
Type 3_serv	BOBJ1	108	315.1	Before	Interior Girder 2	56.42	0.95	1	1	258.145898

TABLE: Bridge Super Rating AASHTORATE18 31 - SteelICompServ-Flx - Approach, Span 7-11										
Request	BridgeObj	BridgeCut	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	Unitless	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Type 3_serv	BOBJ1	108	315.1	Before	Interior Girder 3	56.42	0.95	1	1	192.29683
Type 3_serv	BOBJ1	108	315.1	Before	Interior Girder 4	56.42	0.95	1	1	192.296829
Type 3_serv	BOBJ1	108	315.1	Before	Interior Girder 5	56.42	0.95	1	1	258.145899
Type 3_serv	BOBJ1	108	315.1	Before	Interior Girder 6	56.42	0.95	1	1	513.698259
Type 3_serv	BOBJ1	108	315.1	Before	Right Exterior Girder	56.42	0.95	1	1	412.471906
Type 3S2_serv	BOBJ1	1	0	After	Left Exterior Girder	0	0.95	1	1	343.523749
Type 3S2_serv	BOBJ1	1	0	After	Interior Girder 1	0	0.95	1	1	424.422204
Type 3S2_serv	BOBJ1	1	0	After	Interior Girder 2	0	0.95	1	1	276.360266
Type 3S2_serv	BOBJ1	1	0	After	Interior Girder 3	0	0.95	1	1	192.555384
Type 3S2_serv	BOBJ1	1	0	After	Interior Girder 4	0	0.95	1	1	192.555383
Type 3S2_serv	BOBJ1	1	0	After	Interior Girder 5	0	0.95	1	1	276.360265
Type 3S2_serv	BOBJ1	1	0	After	Interior Girder 6	0	0.95	1	1	424.42221
Type 3S2_serv	BOBJ1	1	0	After	Right Exterior Girder	0	0.95	1	1	343.523749
Type 3S2_serv	BOBJ1	2	9.4	Before	Left Exterior Girder	9.4	0.95	1	1	7.395226
Type 3S2_serv	BOBJ1	2	9.4	Before	Interior Girder 1	9.4	0.95	1	1	5.452986
Type 3S2_serv	BOBJ1	2	9.4	Before	Interior Girder 2	9.4	0.95	1	1	5.144855
Type 3S2_serv	BOBJ1	2	9.4	Before	Interior Girder 3	9.4	0.95	1	1	4.780369
Type 3S2_serv	BOBJ1	2	9.4	Before	Interior Girder 4	9.4	0.95	1	1	4.780369
Type 3S2_serv	BOBJ1	2	9.4	Before	Interior Girder 5	9.4	0.95	1	1	5.144855
Type 3S2_serv	BOBJ1	2	9.4	Before	Interior Girder 6	9.4	0.95	1	1	5.452986
Type 3S2_serv	BOBJ1	2	9.4	Before	Right Exterior Girder	9.4	0.95	1	1	7.395226
Type 3S2_serv	BOBJ1	3	9.4	After	Left Exterior Girder	9.4	0.95	1	1	7.467332
Type 3S2_serv	BOBJ1	3	9.4	After	Interior Girder 1	9.4	0.95	1	1	5.407153
Type 3S2_serv	BOBJ1	3	9.4	After	Interior Girder 2	9.4	0.95	1	1	5.234122
Type 3S2_serv	BOBJ1	3	9.4	After	Interior Girder 3	9.4	0.95	1	1	4.934246
Type 3S2_serv	BOBJ1	3	9.4	After	Interior Girder 4	9.4	0.95	1	1	4.934246
Type 3S2_serv	BOBJ1	3	9.4	After	Interior Girder 5	9.4	0.95	1	1	5.234122
Type 3S2_serv	BOBJ1	3	9.4	After	Interior Girder 6	9.4	0.95	1	1	5.407153
Type 3S2_serv	BOBJ1	3	9.4	After	Right Exterior Girder	9.4	0.95	1	1	7.467332
Type 3S2_serv	BOBJ1	4	18.8	Before	Left Exterior Girder	18.8	0.95	1	1	4.129236
Type 3S2_serv	BOBJ1	4	18.8	Before	Interior Girder 1	18.8	0.95	1	1	3.943773
Type 3S2_serv	BOBJ1	4	18.8	Before	Interior Girder 2	18.8	0.95	1	1	3.727997
Type 3S2_serv	BOBJ1	4	18.8	Before	Interior Girder 3	18.8	0.95	1	1	3.673851
Type 3S2_serv	BOBJ1	4	18.8	Before	Interior Girder 4	18.8	0.95	1	1	3.673851
Type 3S2_serv	BOBJ1	4	18.8	Before	Interior Girder 5	18.8	0.95	1	1	3.727997
Type 3S2_serv	BOBJ1	4	18.8	Before	Interior Girder 6	18.8	0.95	1	1	3.943773
Type 3S2_serv	BOBJ1	4	18.8	Before	Right Exterior Girder	18.8	0.95	1	1	4.129236
Type 3S2_serv	BOBJ1	5	18.8	After	Left Exterior Girder	18.8	0.95	1	1	4.183328
Type 3S2_serv	BOBJ1	5	18.8	After	Interior Girder 1	18.8	0.95	1	1	3.902477
Type 3S2_serv	BOBJ1	5	18.8	After	Interior Girder 2	18.8	0.95	1	1	3.738473
Type 3S2_serv	BOBJ1	5	18.8	After	Interior Girder 3	18.8	0.95	1	1	3.706441
Type 3S2_serv	BOBJ1	5	18.8	After	Interior Girder 4	18.8	0.95	1	1	3.706441
Type 3S2_serv	BOBJ1	5	18.8	After	Interior Girder 5	18.8	0.95	1	1	3.738473
Type 3S2_serv	BOBJ1	5	18.8	After	Interior Girder 6	18.8	0.95	1	1	3.902477
Type 3S2_serv	BOBJ1	5	18.8	After	Right Exterior Girder	18.8	0.95	1	1	4.183328
Type 3S2_serv	BOBJ1	6	28.2	Before	Left Exterior Girder	28.2	0.95	1	1	4.641746
Type 3S2_serv	BOBJ1	6	28.2	Before	Interior Girder 1	28.2	0.95	1	1	3.844777
Type 3S2_serv	BOBJ1	6	28.2	Before	Interior Girder 2	28.2	0.95	1	1	3.698826
Type 3S2_serv	BOBJ1	6	28.2	Before	Interior Girder 3	28.2	0.95	1	1	3.546231
Type 3S2_serv	BOBJ1	6	28.2	Before	Interior Girder 4	28.2	0.95	1	1	3.546231
Type 3S2_serv	BOBJ1	6	28.2	Before	Interior Girder 5	28.2	0.95	1	1	3.698826
Type 3S2_serv	BOBJ1	6	28.2	Before	Interior Girder 6	28.2	0.95	1	1	3.844777
Type 3S2_serv	BOBJ1	6	28.2	Before	Right Exterior Girder	28.2	0.95	1	1	4.641746
Type 3S2_serv	BOBJ1	7	28.2	After	Left Exterior Girder	28.2	0.95	1	1	4.616498
Type 3S2_serv	BOBJ1	7	28.2	After	Interior Girder 1	28.2	0.95	1	1	3.864511
Type 3S2_serv	BOBJ1	7	28.2	After	Interior Girder 2	28.2	0.95	1	1	3.707573
Type 3S2_serv	BOBJ1	7	28.2	After	Interior Girder 3	28.2	0.95	1	1	3.54237
Type 3S2_serv	BOBJ1	7	28.2	After	Interior Girder 4	28.2	0.95	1	1	3.54237
Type 3S2_serv	BOBJ1	7	28.2	After	Interior Girder 5	28.2	0.95	1	1	3.707573
Type 3S2_serv	BOBJ1	7	28.2	After	Interior Girder 6	28.2	0.95	1	1	3.864511
Type 3S2_serv	BOBJ1	7	28.2	After	Right Exterior Girder	28.2	0.95	1	1	4.616498
Type 3S2_serv	BOBJ1	8	37.6	Before	Left Exterior Girder	37.6	0.95	1	1	6.299639
Type 3S2_serv	BOBJ1	8	37.6	Before	Interior Girder 1	37.6	0.95	1	1	5.576553
Type 3S2_serv	BOBJ1	8	37.6	Before	Interior Girder 2	37.6	0.95	1	1	5.227654
Type 3S2_serv	BOBJ1	8	37.6	Before	Interior Girder 3	37.6	0.95	1	1	5.163678
Type 3S2_serv	BOBJ1	8	37.6	Before	Interior Girder 4	37.6	0.95	1	1	5.163678
Type 3S2_serv	BOBJ1	8	37.6	Before	Interior Girder 5	37.6	0.95	1	1	5.227654
Type 3S2_serv	BOBJ1	8	37.6	Before	Interior Girder 6	37.6	0.95	1	1	5.576553
Type 3S2_serv	BOBJ1	8	37.6	Before	Right Exterior Girder	37.6	0.95	1	1	6.299639
Type 3S2_serv	BOBJ1	9	37.6	After	Left Exterior Girder	37.6	0.95	1	1	6.156512
Type 3S2_serv	BOBJ1	9	37.6	After	Interior Girder 1	37.6	0.95	1	1	5.684088
Type 3S2_serv	BOBJ1	9	37.6	After	Interior Girder 2	37.6	0.95	1	1	5.217594
Type 3S2_serv	BOBJ1	9	37.6	After	Interior Girder 3	37.6	0.95	1	1	5.076475

TABLE: Bridge Super Rating AASHTORATE18 31 - SteelICompServ-Flx - Approach, Span 7-11										
Request	BridgeObj	BridgeCut	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	Unitless	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Type 3S2_serv	BOBJ1	9	37.6	After	Interior Girder 4	37.6	0.95	1	1	5.076475
Type 3S2_serv	BOBJ1	9	37.6	After	Interior Girder 5	37.6	0.95	1	1	5.217594
Type 3S2_serv	BOBJ1	9	37.6	After	Interior Girder 6	37.6	0.95	1	1	5.684088
Type 3S2_serv	BOBJ1	9	37.6	After	Right Exterior Girder	37.6	0.95	1	1	6.156512
Type 3S2_serv	BOBJ1	10	47.01	Before	Left Exterior Girder	47.01	0.95	1	1	5.017342
Type 3S2_serv	BOBJ1	10	47.01	Before	Interior Girder 1	47.01	0.95	1	1	5.176353
Type 3S2_serv	BOBJ1	10	47.01	Before	Interior Girder 2	47.01	0.95	1	1	5.138677
Type 3S2_serv	BOBJ1	10	47.01	Before	Interior Girder 3	47.01	0.95	1	1	5.032484
Type 3S2_serv	BOBJ1	10	47.01	Before	Interior Girder 4	47.01	0.95	1	1	5.032484
Type 3S2_serv	BOBJ1	10	47.01	Before	Interior Girder 5	47.01	0.95	1	1	5.138677
Type 3S2_serv	BOBJ1	10	47.01	Before	Interior Girder 6	47.01	0.95	1	1	5.176353
Type 3S2_serv	BOBJ1	10	47.01	Before	Right Exterior Girder	47.01	0.95	1	1	5.017342
Type 3S2_serv	BOBJ1	11	47.01	After	Left Exterior Girder	47.01	0.95	1	1	5.122869
Type 3S2_serv	BOBJ1	11	47.01	After	Interior Girder 1	47.01	0.95	1	1	5.094088
Type 3S2_serv	BOBJ1	11	47.01	After	Interior Girder 2	47.01	0.95	1	1	5.080359
Type 3S2_serv	BOBJ1	11	47.01	After	Interior Girder 3	47.01	0.95	1	1	5.01515
Type 3S2_serv	BOBJ1	11	47.01	After	Interior Girder 4	47.01	0.95	1	1	5.01515
Type 3S2_serv	BOBJ1	11	47.01	After	Interior Girder 5	47.01	0.95	1	1	5.080359
Type 3S2_serv	BOBJ1	11	47.01	After	Interior Girder 6	47.01	0.95	1	1	5.094088
Type 3S2_serv	BOBJ1	11	47.01	After	Right Exterior Girder	47.01	0.95	1	1	5.122869
Type 3S2_serv	BOBJ1	12	49.42	Before	Left Exterior Girder	49.42	0.95	1	1	4.371806
Type 3S2_serv	BOBJ1	12	49.42	Before	Right Exterior Girder	49.42	0.95	1	1	4.371806
Type 3S2_serv	BOBJ1	13	49.42	After	Left Exterior Girder	49.42	0.95	1	1	7.557567
Type 3S2_serv	BOBJ1	13	49.42	After	Right Exterior Girder	49.42	0.95	1	1	7.557567
Type 3S2_serv	BOBJ1	14	51.92	Before	Interior Girder 1	51.92	0.95	1	1	4.024108
Type 3S2_serv	BOBJ1	14	51.92	Before	Interior Girder 2	51.92	0.95	1	1	3.995529
Type 3S2_serv	BOBJ1	14	51.92	Before	Interior Girder 3	51.92	0.95	1	1	3.754516
Type 3S2_serv	BOBJ1	14	51.92	Before	Interior Girder 4	51.92	0.95	1	1	3.754516
Type 3S2_serv	BOBJ1	14	51.92	Before	Interior Girder 5	51.92	0.95	1	1	3.995529
Type 3S2_serv	BOBJ1	14	51.92	Before	Interior Girder 6	51.92	0.95	1	1	4.024108
Type 3S2_serv	BOBJ1	15	51.92	After	Interior Girder 1	51.92	0.95	1	1	4.910926
Type 3S2_serv	BOBJ1	15	51.92	After	Interior Girder 2	51.92	0.95	1	1	4.797693
Type 3S2_serv	BOBJ1	15	51.92	After	Interior Girder 3	51.92	0.95	1	1	4.538683
Type 3S2_serv	BOBJ1	15	51.92	After	Interior Girder 4	51.92	0.95	1	1	4.538683
Type 3S2_serv	BOBJ1	15	51.92	After	Interior Girder 5	51.92	0.95	1	1	4.797693
Type 3S2_serv	BOBJ1	15	51.92	After	Interior Girder 6	51.92	0.95	1	1	4.910926
Type 3S2_serv	BOBJ1	16	56.42	Before	Left Exterior Girder	56.42	0.95	1	1	5.326909
Type 3S2_serv	BOBJ1	16	56.42	Before	Interior Girder 1	56.42	0.95	1	1	3.372963
Type 3S2_serv	BOBJ1	16	56.42	Before	Interior Girder 2	56.42	0.95	1	1	3.201269
Type 3S2_serv	BOBJ1	16	56.42	Before	Interior Girder 3	56.42	0.95	1	1	2.585287
Type 3S2_serv	BOBJ1	16	56.42	Before	Interior Girder 4	56.42	0.95	1	1	2.585287
Type 3S2_serv	BOBJ1	16	56.42	Before	Interior Girder 5	56.42	0.95	1	1	3.201269
Type 3S2_serv	BOBJ1	16	56.42	Before	Interior Girder 6	56.42	0.95	1	1	3.372963
Type 3S2_serv	BOBJ1	16	56.42	Before	Right Exterior Girder	56.42	0.95	1	1	5.326909
Type 3S2_serv	BOBJ1	17	56.42	After	Left Exterior Girder	0	0.95	1	1	5.302365
Type 3S2_serv	BOBJ1	17	56.42	After	Interior Girder 1	0	0.95	1	1	3.364565
Type 3S2_serv	BOBJ1	17	56.42	After	Interior Girder 2	0	0.95	1	1	3.236605
Type 3S2_serv	BOBJ1	17	56.42	After	Interior Girder 3	0	0.95	1	1	2.631655
Type 3S2_serv	BOBJ1	17	56.42	After	Interior Girder 4	0	0.95	1	1	2.631655
Type 3S2_serv	BOBJ1	17	56.42	After	Interior Girder 5	0	0.95	1	1	3.236605
Type 3S2_serv	BOBJ1	17	56.42	After	Interior Girder 6	0	0.95	1	1	3.364565
Type 3S2_serv	BOBJ1	17	56.42	After	Right Exterior Girder	0	0.95	1	1	5.302365
Type 3S2_serv	BOBJ1	18	60.92	Before	Interior Girder 1	4.5	0.95	1	1	5.9679
Type 3S2_serv	BOBJ1	18	60.92	Before	Interior Girder 2	4.5	0.95	1	1	5.667328
Type 3S2_serv	BOBJ1	18	60.92	Before	Interior Girder 3	4.5	0.95	1	1	5.124072
Type 3S2_serv	BOBJ1	18	60.92	Before	Interior Girder 4	4.5	0.95	1	1	5.124072
Type 3S2_serv	BOBJ1	18	60.92	Before	Interior Girder 5	4.5	0.95	1	1	5.667328
Type 3S2_serv	BOBJ1	18	60.92	Before	Interior Girder 6	4.5	0.95	1	1	5.9679
Type 3S2_serv	BOBJ1	19	60.92	After	Interior Girder 1	4.5	0.95	1	1	4.88863
Type 3S2_serv	BOBJ1	19	60.92	After	Interior Girder 2	4.5	0.95	1	1	4.72937
Type 3S2_serv	BOBJ1	19	60.92	After	Interior Girder 3	4.5	0.95	1	1	4.201593
Type 3S2_serv	BOBJ1	19	60.92	After	Interior Girder 4	4.5	0.95	1	1	4.201593
Type 3S2_serv	BOBJ1	19	60.92	After	Interior Girder 5	4.5	0.95	1	1	4.72937
Type 3S2_serv	BOBJ1	19	60.92	After	Interior Girder 6	4.5	0.95	1	1	4.88863
Type 3S2_serv	BOBJ1	20	63.42	Before	Left Exterior Girder	7	0.95	1	1	9.874803
Type 3S2_serv	BOBJ1	20	63.42	Before	Right Exterior Girder	7	0.95	1	1	9.874803
Type 3S2_serv	BOBJ1	21	63.42	After	Left Exterior Girder	7	0.95	1	1	5.683581
Type 3S2_serv	BOBJ1	21	63.42	After	Right Exterior Girder	7	0.95	1	1	5.683581
Type 3S2_serv	BOBJ1	22	64.845	Before	Left Exterior Girder	8.425	0.95	1	1	6.215811
Type 3S2_serv	BOBJ1	22	64.845	Before	Interior Girder 1	8.425	0.95	1	1	5.974444
Type 3S2_serv	BOBJ1	22	64.845	Before	Interior Girder 2	8.425	0.95	1	1	5.743117
Type 3S2_serv	BOBJ1	22	64.845	Before	Interior Girder 3	8.425	0.95	1	1	5.532139
Type 3S2_serv	BOBJ1	22	64.845	Before	Interior Girder 4	8.425	0.95	1	1	5.532139

TABLE: Bridge Super Rating AASHTORATE18 31 - SteelICompServ-Flx - Approach, Span 7-11										
Request	BridgeObj	BridgeCut	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	Unitless	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Type 3S2_serv	BOBJ1	22	64.845	Before	Interior Girder 5	8.425	0.95	1	1	5.743117
Type 3S2_serv	BOBJ1	22	64.845	Before	Interior Girder 6	8.425	0.95	1	1	5.974444
Type 3S2_serv	BOBJ1	22	64.845	Before	Right Exterior Girder	8.425	0.95	1	1	6.215811
Type 3S2_serv	BOBJ1	23	64.845	After	Left Exterior Girder	8.425	0.95	1	1	6.150461
Type 3S2_serv	BOBJ1	23	64.845	After	Interior Girder 1	8.425	0.95	1	1	6.046363
Type 3S2_serv	BOBJ1	23	64.845	After	Interior Girder 2	8.425	0.95	1	1	5.80479
Type 3S2_serv	BOBJ1	23	64.845	After	Interior Girder 3	8.425	0.95	1	1	5.569013
Type 3S2_serv	BOBJ1	23	64.845	After	Interior Girder 4	8.425	0.95	1	1	5.569013
Type 3S2_serv	BOBJ1	23	64.845	After	Interior Girder 5	8.425	0.95	1	1	5.80479
Type 3S2_serv	BOBJ1	23	64.845	After	Interior Girder 6	8.425	0.95	1	1	6.046363
Type 3S2_serv	BOBJ1	23	64.845	After	Right Exterior Girder	8.425	0.95	1	1	6.150461
Type 3S2_serv	BOBJ1	24	69.92	Before	Left Exterior Girder	13.5	0.95	1	1	8.133659
Type 3S2_serv	BOBJ1	24	69.92	Before	Interior Girder 1	13.5	0.95	1	1	7.548939
Type 3S2_serv	BOBJ1	24	69.92	Before	Interior Girder 2	13.5	0.95	1	1	7.364555
Type 3S2_serv	BOBJ1	24	69.92	Before	Interior Girder 3	13.5	0.95	1	1	7.600901
Type 3S2_serv	BOBJ1	24	69.92	Before	Interior Girder 4	13.5	0.95	1	1	7.600901
Type 3S2_serv	BOBJ1	24	69.92	Before	Interior Girder 5	13.5	0.95	1	1	7.364555
Type 3S2_serv	BOBJ1	24	69.92	Before	Interior Girder 6	13.5	0.95	1	1	7.548939
Type 3S2_serv	BOBJ1	24	69.92	Before	Right Exterior Girder	13.5	0.95	1	1	8.133659
Type 3S2_serv	BOBJ1	25	69.92	After	Left Exterior Girder	13.5	0.95	1	1	6.982447
Type 3S2_serv	BOBJ1	25	69.92	After	Interior Girder 1	13.5	0.95	1	1	7.054618
Type 3S2_serv	BOBJ1	25	69.92	After	Interior Girder 2	13.5	0.95	1	1	6.911575
Type 3S2_serv	BOBJ1	25	69.92	After	Interior Girder 3	13.5	0.95	1	1	7.098559
Type 3S2_serv	BOBJ1	25	69.92	After	Interior Girder 4	13.5	0.95	1	1	7.098559
Type 3S2_serv	BOBJ1	25	69.92	After	Interior Girder 5	13.5	0.95	1	1	6.911575
Type 3S2_serv	BOBJ1	25	69.92	After	Interior Girder 6	13.5	0.95	1	1	7.054618
Type 3S2_serv	BOBJ1	25	69.92	After	Right Exterior Girder	13.5	0.95	1	1	6.982447
Type 3S2_serv	BOBJ1	26	73.27	Before	Left Exterior Girder	16.85	0.95	1	1	7.528512
Type 3S2_serv	BOBJ1	26	73.27	Before	Interior Girder 1	16.85	0.95	1	1	6.782171
Type 3S2_serv	BOBJ1	26	73.27	Before	Interior Girder 2	16.85	0.95	1	1	6.197709
Type 3S2_serv	BOBJ1	26	73.27	Before	Interior Girder 3	16.85	0.95	1	1	6.073518
Type 3S2_serv	BOBJ1	26	73.27	Before	Interior Girder 4	16.85	0.95	1	1	6.073518
Type 3S2_serv	BOBJ1	26	73.27	Before	Interior Girder 5	16.85	0.95	1	1	6.197709
Type 3S2_serv	BOBJ1	26	73.27	Before	Interior Girder 6	16.85	0.95	1	1	6.782171
Type 3S2_serv	BOBJ1	26	73.27	Before	Right Exterior Girder	16.85	0.95	1	1	7.528512
Type 3S2_serv	BOBJ1	27	73.27	After	Left Exterior Girder	16.85	0.95	1	1	7.688048
Type 3S2_serv	BOBJ1	27	73.27	After	Interior Girder 1	16.85	0.95	1	1	6.640103
Type 3S2_serv	BOBJ1	27	73.27	After	Interior Girder 2	16.85	0.95	1	1	6.160608
Type 3S2_serv	BOBJ1	27	73.27	After	Interior Girder 3	16.85	0.95	1	1	6.125424
Type 3S2_serv	BOBJ1	27	73.27	After	Interior Girder 4	16.85	0.95	1	1	6.125424
Type 3S2_serv	BOBJ1	27	73.27	After	Interior Girder 5	16.85	0.95	1	1	6.160608
Type 3S2_serv	BOBJ1	27	73.27	After	Interior Girder 6	16.85	0.95	1	1	6.640103
Type 3S2_serv	BOBJ1	27	73.27	After	Right Exterior Girder	16.85	0.95	1	1	7.688048
Type 3S2_serv	BOBJ1	28	81.695	Before	Left Exterior Girder	25.275	0.95	1	1	4.560477
Type 3S2_serv	BOBJ1	28	81.695	Before	Interior Girder 1	25.275	0.95	1	1	4.016794
Type 3S2_serv	BOBJ1	28	81.695	Before	Interior Girder 2	25.275	0.95	1	1	3.865936
Type 3S2_serv	BOBJ1	28	81.695	Before	Interior Girder 3	25.275	0.95	1	1	3.756337
Type 3S2_serv	BOBJ1	28	81.695	Before	Interior Girder 4	25.275	0.95	1	1	3.756337
Type 3S2_serv	BOBJ1	28	81.695	Before	Interior Girder 5	25.275	0.95	1	1	3.865936
Type 3S2_serv	BOBJ1	28	81.695	Before	Interior Girder 6	25.275	0.95	1	1	4.016794
Type 3S2_serv	BOBJ1	28	81.695	Before	Right Exterior Girder	25.275	0.95	1	1	4.560477
Type 3S2_serv	BOBJ1	29	81.695	After	Left Exterior Girder	25.275	0.95	1	1	4.653034
Type 3S2_serv	BOBJ1	29	81.695	After	Interior Girder 1	25.275	0.95	1	1	3.969598
Type 3S2_serv	BOBJ1	29	81.695	After	Interior Girder 2	25.275	0.95	1	1	3.864028
Type 3S2_serv	BOBJ1	29	81.695	After	Interior Girder 3	25.275	0.95	1	1	3.796519
Type 3S2_serv	BOBJ1	29	81.695	After	Interior Girder 4	25.275	0.95	1	1	3.796519
Type 3S2_serv	BOBJ1	29	81.695	After	Interior Girder 5	25.275	0.95	1	1	3.864028
Type 3S2_serv	BOBJ1	29	81.695	After	Interior Girder 6	25.275	0.95	1	1	3.969598
Type 3S2_serv	BOBJ1	29	81.695	After	Right Exterior Girder	25.275	0.95	1	1	4.653034
Type 3S2_serv	BOBJ1	30	90.12	Before	Left Exterior Girder	33.7	0.95	1	1	3.743903
Type 3S2_serv	BOBJ1	30	90.12	Before	Interior Girder 1	33.7	0.95	1	1	3.76404
Type 3S2_serv	BOBJ1	30	90.12	Before	Interior Girder 2	33.7	0.95	1	1	3.701412
Type 3S2_serv	BOBJ1	30	90.12	Before	Interior Girder 3	33.7	0.95	1	1	3.683394
Type 3S2_serv	BOBJ1	30	90.12	Before	Interior Girder 4	33.7	0.95	1	1	3.683394
Type 3S2_serv	BOBJ1	30	90.12	Before	Interior Girder 5	33.7	0.95	1	1	3.701412
Type 3S2_serv	BOBJ1	30	90.12	Before	Interior Girder 6	33.7	0.95	1	1	3.76404
Type 3S2_serv	BOBJ1	30	90.12	Before	Right Exterior Girder	33.7	0.95	1	1	3.743903
Type 3S2_serv	BOBJ1	31	90.12	After	Left Exterior Girder	33.7	0.95	1	1	3.74902
Type 3S2_serv	BOBJ1	31	90.12	After	Interior Girder 1	33.7	0.95	1	1	3.760254
Type 3S2_serv	BOBJ1	31	90.12	After	Interior Girder 2	33.7	0.95	1	1	3.696684
Type 3S2_serv	BOBJ1	31	90.12	After	Interior Girder 3	33.7	0.95	1	1	3.679813
Type 3S2_serv	BOBJ1	31	90.12	After	Interior Girder 4	33.7	0.95	1	1	3.679813
Type 3S2_serv	BOBJ1	31	90.12	After	Interior Girder 5	33.7	0.95	1	1	3.696684

TABLE: Bridge Super Rating AASHTORATE18 31 - SteelICompServ-Flx - Approach, Span 7-11										
Request	BridgeObj	BridgeCut	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	Unitless	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Type 3S2_serv	BOBJ1	31	90.12	After	Interior Girder 6	33.7	0.95	1	1	3.760254
Type 3S2_serv	BOBJ1	31	90.12	After	Right Exterior Girder	33.7	0.95	1	1	3.74902
Type 3S2_serv	BOBJ1	32	98.545	Before	Left Exterior Girder	42.125	0.95	1	1	4.531011
Type 3S2_serv	BOBJ1	32	98.545	Before	Interior Girder 1	42.125	0.95	1	1	3.914403
Type 3S2_serv	BOBJ1	32	98.545	Before	Interior Girder 2	42.125	0.95	1	1	3.825475
Type 3S2_serv	BOBJ1	32	98.545	Before	Interior Girder 3	42.125	0.95	1	1	3.76366
Type 3S2_serv	BOBJ1	32	98.545	Before	Interior Girder 4	42.125	0.95	1	1	3.76366
Type 3S2_serv	BOBJ1	32	98.545	Before	Interior Girder 5	42.125	0.95	1	1	3.825475
Type 3S2_serv	BOBJ1	32	98.545	Before	Interior Girder 6	42.125	0.95	1	1	3.914403
Type 3S2_serv	BOBJ1	32	98.545	Before	Right Exterior Girder	42.125	0.95	1	1	4.531011
Type 3S2_serv	BOBJ1	33	98.545	After	Left Exterior Girder	42.125	0.95	1	1	4.454314
Type 3S2_serv	BOBJ1	33	98.545	After	Interior Girder 1	42.125	0.95	1	1	3.95665
Type 3S2_serv	BOBJ1	33	98.545	After	Interior Girder 2	42.125	0.95	1	1	3.822156
Type 3S2_serv	BOBJ1	33	98.545	After	Interior Girder 3	42.125	0.95	1	1	3.721081
Type 3S2_serv	BOBJ1	33	98.545	After	Interior Girder 4	42.125	0.95	1	1	3.721081
Type 3S2_serv	BOBJ1	33	98.545	After	Interior Girder 5	42.125	0.95	1	1	3.822156
Type 3S2_serv	BOBJ1	33	98.545	After	Interior Girder 6	42.125	0.95	1	1	3.95665
Type 3S2_serv	BOBJ1	33	98.545	After	Right Exterior Girder	42.125	0.95	1	1	4.454314
Type 3S2_serv	BOBJ1	34	106.97	Before	Left Exterior Girder	50.55	0.95	1	1	6.895249
Type 3S2_serv	BOBJ1	34	106.97	Before	Interior Girder 1	50.55	0.95	1	1	6.416042
Type 3S2_serv	BOBJ1	34	106.97	Before	Interior Girder 2	50.55	0.95	1	1	6.034623
Type 3S2_serv	BOBJ1	34	106.97	Before	Interior Girder 3	50.55	0.95	1	1	6.020023
Type 3S2_serv	BOBJ1	34	106.97	Before	Interior Girder 4	50.55	0.95	1	1	6.020023
Type 3S2_serv	BOBJ1	34	106.97	Before	Interior Girder 5	50.55	0.95	1	1	6.034623
Type 3S2_serv	BOBJ1	34	106.97	Before	Interior Girder 6	50.55	0.95	1	1	6.416042
Type 3S2_serv	BOBJ1	34	106.97	Before	Right Exterior Girder	50.55	0.95	1	1	6.895249
Type 3S2_serv	BOBJ1	35	106.97	After	Left Exterior Girder	50.55	0.95	1	1	6.964399
Type 3S2_serv	BOBJ1	35	106.97	After	Interior Girder 1	50.55	0.95	1	1	6.556578
Type 3S2_serv	BOBJ1	35	106.97	After	Interior Girder 2	50.55	0.95	1	1	6.030117
Type 3S2_serv	BOBJ1	35	106.97	After	Interior Girder 3	50.55	0.95	1	1	5.901206
Type 3S2_serv	BOBJ1	35	106.97	After	Interior Girder 4	50.55	0.95	1	1	5.901206
Type 3S2_serv	BOBJ1	35	106.97	After	Interior Girder 5	50.55	0.95	1	1	6.030117
Type 3S2_serv	BOBJ1	35	106.97	After	Interior Girder 6	50.55	0.95	1	1	6.556578
Type 3S2_serv	BOBJ1	35	106.97	After	Right Exterior Girder	50.55	0.95	1	1	6.964399
Type 3S2_serv	BOBJ1	36	115.405	Before	Left Exterior Girder	58.985	0.95	1	1	4.33651
Type 3S2_serv	BOBJ1	36	115.405	Before	Interior Girder 1	58.985	0.95	1	1	4.735608
Type 3S2_serv	BOBJ1	36	115.405	Before	Interior Girder 2	58.985	0.95	1	1	4.704299
Type 3S2_serv	BOBJ1	36	115.405	Before	Interior Girder 3	58.985	0.95	1	1	4.580247
Type 3S2_serv	BOBJ1	36	115.405	Before	Interior Girder 4	58.985	0.95	1	1	4.580247
Type 3S2_serv	BOBJ1	36	115.405	Before	Interior Girder 5	58.985	0.95	1	1	4.704299
Type 3S2_serv	BOBJ1	36	115.405	Before	Interior Girder 6	58.985	0.95	1	1	4.735608
Type 3S2_serv	BOBJ1	36	115.405	Before	Right Exterior Girder	58.985	0.95	1	1	4.33651
Type 3S2_serv	BOBJ1	37	115.405	After	Left Exterior Girder	58.985	0.95	1	1	4.439666
Type 3S2_serv	BOBJ1	37	115.405	After	Interior Girder 1	58.985	0.95	1	1	4.652205
Type 3S2_serv	BOBJ1	37	115.405	After	Interior Girder 2	58.985	0.95	1	1	4.660093
Type 3S2_serv	BOBJ1	37	115.405	After	Interior Girder 3	58.985	0.95	1	1	4.569547
Type 3S2_serv	BOBJ1	37	115.405	After	Interior Girder 4	58.985	0.95	1	1	4.569547
Type 3S2_serv	BOBJ1	37	115.405	After	Interior Girder 5	58.985	0.95	1	1	4.660093
Type 3S2_serv	BOBJ1	37	115.405	After	Interior Girder 6	58.985	0.95	1	1	4.652205
Type 3S2_serv	BOBJ1	37	115.405	After	Right Exterior Girder	58.985	0.95	1	1	4.439666
Type 3S2_serv	BOBJ1	38	116.34	Before	Left Exterior Girder	59.92	0.95	1	1	4.118714
Type 3S2_serv	BOBJ1	38	116.34	Before	Right Exterior Girder	59.92	0.95	1	1	4.118714
Type 3S2_serv	BOBJ1	39	116.34	After	Left Exterior Girder	59.92	0.95	1	1	8.179084
Type 3S2_serv	BOBJ1	39	116.34	After	Right Exterior Girder	59.92	0.95	1	1	8.179084
Type 3S2_serv	BOBJ1	40	118.84	Before	Interior Girder 1	62.42	0.95	1	1	3.934578
Type 3S2_serv	BOBJ1	40	118.84	Before	Interior Girder 2	62.42	0.95	1	1	3.917801
Type 3S2_serv	BOBJ1	40	118.84	Before	Interior Girder 3	62.42	0.95	1	1	3.686161
Type 3S2_serv	BOBJ1	40	118.84	Before	Interior Girder 4	62.42	0.95	1	1	3.686161
Type 3S2_serv	BOBJ1	40	118.84	Before	Interior Girder 5	62.42	0.95	1	1	3.917801
Type 3S2_serv	BOBJ1	40	118.84	Before	Interior Girder 6	62.42	0.95	1	1	3.934578
Type 3S2_serv	BOBJ1	41	118.84	After	Interior Girder 1	62.42	0.95	1	1	5.475051
Type 3S2_serv	BOBJ1	41	118.84	After	Interior Girder 2	62.42	0.95	1	1	5.351985
Type 3S2_serv	BOBJ1	41	118.84	After	Interior Girder 3	62.42	0.95	1	1	5.076754
Type 3S2_serv	BOBJ1	41	118.84	After	Interior Girder 4	62.42	0.95	1	1	5.076754
Type 3S2_serv	BOBJ1	41	118.84	After	Interior Girder 5	62.42	0.95	1	1	5.351985
Type 3S2_serv	BOBJ1	41	118.84	After	Interior Girder 6	62.42	0.95	1	1	5.475051
Type 3S2_serv	BOBJ1	42	123.84	Before	Left Exterior Girder	67.42	0.95	1	1	5.318188
Type 3S2_serv	BOBJ1	42	123.84	Before	Interior Girder 1	67.42	0.95	1	1	3.590321
Type 3S2_serv	BOBJ1	42	123.84	Before	Interior Girder 2	67.42	0.95	1	1	3.477004
Type 3S2_serv	BOBJ1	42	123.84	Before	Interior Girder 3	67.42	0.95	1	1	2.810552
Type 3S2_serv	BOBJ1	42	123.84	Before	Interior Girder 4	67.42	0.95	1	1	2.810552
Type 3S2_serv	BOBJ1	42	123.84	Before	Interior Girder 5	67.42	0.95	1	1	3.477004
Type 3S2_serv	BOBJ1	42	123.84	Before	Interior Girder 6	67.42	0.95	1	1	3.590321

TABLE: Bridge Super Rating AASHTORATE18 31 - SteelICompServ-Flx - Approach, Span 7-11										
Request	BridgeObj	BridgeCut	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	Unitless	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Type 3S2_serv	BOBJ1	42	123.84	Before	Right Exterior Girder	67.42	0.95	1	1	5.318188
Type 3S2_serv	BOBJ1	43	123.84	After	Left Exterior Girder	0	0.95	1	1	5.331625
Type 3S2_serv	BOBJ1	43	123.84	After	Interior Girder 1	0	0.95	1	1	3.58759
Type 3S2_serv	BOBJ1	43	123.84	After	Interior Girder 2	0	0.95	1	1	3.495198
Type 3S2_serv	BOBJ1	43	123.84	After	Interior Girder 3	0	0.95	1	1	2.817689
Type 3S2_serv	BOBJ1	43	123.84	After	Interior Girder 4	0	0.95	1	1	2.817689
Type 3S2_serv	BOBJ1	43	123.84	After	Interior Girder 5	0	0.95	1	1	3.495198
Type 3S2_serv	BOBJ1	43	123.84	After	Interior Girder 6	0	0.95	1	1	3.58759
Type 3S2_serv	BOBJ1	43	123.84	After	Right Exterior Girder	0	0.95	1	1	5.331625
Type 3S2_serv	BOBJ1	44	128.84	Before	Interior Girder 1	5	0.95	1	1	5.610264
Type 3S2_serv	BOBJ1	44	128.84	Before	Interior Girder 2	5	0.95	1	1	5.46111
Type 3S2_serv	BOBJ1	44	128.84	Before	Interior Girder 3	5	0.95	1	1	5.153161
Type 3S2_serv	BOBJ1	44	128.84	Before	Interior Girder 4	5	0.95	1	1	5.153161
Type 3S2_serv	BOBJ1	44	128.84	Before	Interior Girder 5	5	0.95	1	1	5.46111
Type 3S2_serv	BOBJ1	44	128.84	Before	Interior Girder 6	5	0.95	1	1	5.610264
Type 3S2_serv	BOBJ1	45	128.84	After	Interior Girder 1	5	0.95	1	1	4.034114
Type 3S2_serv	BOBJ1	45	128.84	After	Interior Girder 2	5	0.95	1	1	4.000435
Type 3S2_serv	BOBJ1	45	128.84	After	Interior Girder 3	5	0.95	1	1	3.745464
Type 3S2_serv	BOBJ1	45	128.84	After	Interior Girder 4	5	0.95	1	1	3.745464
Type 3S2_serv	BOBJ1	45	128.84	After	Interior Girder 5	5	0.95	1	1	4.000435
Type 3S2_serv	BOBJ1	45	128.84	After	Interior Girder 6	5	0.95	1	1	4.034114
Type 3S2_serv	BOBJ1	46	131.34	Before	Left Exterior Girder	7.5	0.95	1	1	8.43674
Type 3S2_serv	BOBJ1	46	131.34	Before	Right Exterior Girder	7.5	0.95	1	1	8.43674
Type 3S2_serv	BOBJ1	47	131.34	After	Left Exterior Girder	7.5	0.95	1	1	4.251603
Type 3S2_serv	BOBJ1	47	131.34	After	Right Exterior Girder	7.5	0.95	1	1	4.251603
Type 3S2_serv	BOBJ1	48	132.265	Before	Left Exterior Girder	8.425	0.95	1	1	4.560871
Type 3S2_serv	BOBJ1	48	132.265	Before	Interior Girder 1	8.425	0.95	1	1	4.77127
Type 3S2_serv	BOBJ1	48	132.265	Before	Interior Girder 2	8.425	0.95	1	1	4.756239
Type 3S2_serv	BOBJ1	48	132.265	Before	Interior Girder 3	8.425	0.95	1	1	4.653741
Type 3S2_serv	BOBJ1	48	132.265	Before	Interior Girder 4	8.425	0.95	1	1	4.653741
Type 3S2_serv	BOBJ1	48	132.265	Before	Interior Girder 5	8.425	0.95	1	1	4.756239
Type 3S2_serv	BOBJ1	48	132.265	Before	Interior Girder 6	8.425	0.95	1	1	4.77127
Type 3S2_serv	BOBJ1	48	132.265	Before	Right Exterior Girder	8.425	0.95	1	1	4.560871
Type 3S2_serv	BOBJ1	49	132.265	After	Left Exterior Girder	8.425	0.95	1	1	4.455116
Type 3S2_serv	BOBJ1	49	132.265	After	Interior Girder 1	8.425	0.95	1	1	4.856016
Type 3S2_serv	BOBJ1	49	132.265	After	Interior Girder 2	8.425	0.95	1	1	4.802265
Type 3S2_serv	BOBJ1	49	132.265	After	Interior Girder 3	8.425	0.95	1	1	4.666995
Type 3S2_serv	BOBJ1	49	132.265	After	Interior Girder 4	8.425	0.95	1	1	4.666995
Type 3S2_serv	BOBJ1	49	132.265	After	Interior Girder 5	8.425	0.95	1	1	4.802265
Type 3S2_serv	BOBJ1	49	132.265	After	Interior Girder 6	8.425	0.95	1	1	4.856016
Type 3S2_serv	BOBJ1	49	132.265	After	Right Exterior Girder	8.425	0.95	1	1	4.455116
Type 3S2_serv	BOBJ1	50	140.69	Before	Left Exterior Girder	16.85	0.95	1	1	7.127813
Type 3S2_serv	BOBJ1	50	140.69	Before	Interior Girder 1	16.85	0.95	1	1	6.589972
Type 3S2_serv	BOBJ1	50	140.69	Before	Interior Girder 2	16.85	0.95	1	1	6.057603
Type 3S2_serv	BOBJ1	50	140.69	Before	Interior Girder 3	16.85	0.95	1	1	5.936285
Type 3S2_serv	BOBJ1	50	140.69	Before	Interior Girder 4	16.85	0.95	1	1	5.936285
Type 3S2_serv	BOBJ1	50	140.69	Before	Interior Girder 5	16.85	0.95	1	1	6.057603
Type 3S2_serv	BOBJ1	50	140.69	Before	Interior Girder 6	16.85	0.95	1	1	6.589972
Type 3S2_serv	BOBJ1	50	140.69	Before	Right Exterior Girder	16.85	0.95	1	1	7.127813
Type 3S2_serv	BOBJ1	51	140.69	After	Left Exterior Girder	16.85	0.95	1	1	7.073476
Type 3S2_serv	BOBJ1	51	140.69	After	Interior Girder 1	16.85	0.95	1	1	6.44849
Type 3S2_serv	BOBJ1	51	140.69	After	Interior Girder 2	16.85	0.95	1	1	6.059637
Type 3S2_serv	BOBJ1	51	140.69	After	Interior Girder 3	16.85	0.95	1	1	6.054889
Type 3S2_serv	BOBJ1	51	140.69	After	Interior Girder 4	16.85	0.95	1	1	6.054889
Type 3S2_serv	BOBJ1	51	140.69	After	Interior Girder 5	16.85	0.95	1	1	6.059637
Type 3S2_serv	BOBJ1	51	140.69	After	Interior Girder 6	16.85	0.95	1	1	6.44849
Type 3S2_serv	BOBJ1	51	140.69	After	Right Exterior Girder	16.85	0.95	1	1	7.073476
Type 3S2_serv	BOBJ1	52	149.115	Before	Left Exterior Girder	25.275	0.95	1	1	4.434188
Type 3S2_serv	BOBJ1	52	149.115	Before	Interior Girder 1	25.275	0.95	1	1	3.92471
Type 3S2_serv	BOBJ1	52	149.115	Before	Interior Girder 2	25.275	0.95	1	1	3.802308
Type 3S2_serv	BOBJ1	52	149.115	Before	Interior Girder 3	25.275	0.95	1	1	3.71131
Type 3S2_serv	BOBJ1	52	149.115	Before	Interior Girder 4	25.275	0.95	1	1	3.71131
Type 3S2_serv	BOBJ1	52	149.115	Before	Interior Girder 5	25.275	0.95	1	1	3.802308
Type 3S2_serv	BOBJ1	52	149.115	Before	Interior Girder 6	25.275	0.95	1	1	3.92471
Type 3S2_serv	BOBJ1	52	149.115	Before	Right Exterior Girder	25.275	0.95	1	1	4.434188
Type 3S2_serv	BOBJ1	53	149.115	After	Left Exterior Girder	25.275	0.95	1	1	4.514506
Type 3S2_serv	BOBJ1	53	149.115	After	Interior Girder 1	25.275	0.95	1	1	3.884513
Type 3S2_serv	BOBJ1	53	149.115	After	Interior Girder 2	25.275	0.95	1	1	3.80554
Type 3S2_serv	BOBJ1	53	149.115	After	Interior Girder 3	25.275	0.95	1	1	3.752577
Type 3S2_serv	BOBJ1	53	149.115	After	Interior Girder 4	25.275	0.95	1	1	3.752577
Type 3S2_serv	BOBJ1	53	149.115	After	Interior Girder 5	25.275	0.95	1	1	3.80554
Type 3S2_serv	BOBJ1	53	149.115	After	Interior Girder 6	25.275	0.95	1	1	3.884513
Type 3S2_serv	BOBJ1	53	149.115	After	Right Exterior Girder	25.275	0.95	1	1	4.514506

TABLE: Bridge Super Rating AASHTORATE18 31 - SteelICompServ-Flx - Approach, Span 7-11										
Request	BridgeObj	BridgeCut	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	Unitless	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Type 3S2_serv	BOBJ1	54	157.54	Before	Left Exterior Girder	33.7	0.95	1	1	3.692967
Type 3S2_serv	BOBJ1	54	157.54	Before	Interior Girder 1	33.7	0.95	1	1	3.706123
Type 3S2_serv	BOBJ1	54	157.54	Before	Interior Girder 2	33.7	0.95	1	1	3.667575
Type 3S2_serv	BOBJ1	54	157.54	Before	Interior Girder 3	33.7	0.95	1	1	3.658201
Type 3S2_serv	BOBJ1	54	157.54	Before	Interior Girder 4	33.7	0.95	1	1	3.658201
Type 3S2_serv	BOBJ1	54	157.54	Before	Interior Girder 5	33.7	0.95	1	1	3.667575
Type 3S2_serv	BOBJ1	54	157.54	Before	Interior Girder 6	33.7	0.95	1	1	3.706123
Type 3S2_serv	BOBJ1	54	157.54	Before	Right Exterior Girder	33.7	0.95	1	1	3.692967
Type 3S2_serv	BOBJ1	55	157.54	After	Left Exterior Girder	33.7	0.95	1	1	3.693503
Type 3S2_serv	BOBJ1	55	157.54	After	Interior Girder 1	33.7	0.95	1	1	3.706026
Type 3S2_serv	BOBJ1	55	157.54	After	Interior Girder 2	33.7	0.95	1	1	3.667351
Type 3S2_serv	BOBJ1	55	157.54	After	Interior Girder 3	33.7	0.95	1	1	3.658378
Type 3S2_serv	BOBJ1	55	157.54	After	Interior Girder 4	33.7	0.95	1	1	3.658378
Type 3S2_serv	BOBJ1	55	157.54	After	Interior Girder 5	33.7	0.95	1	1	3.667351
Type 3S2_serv	BOBJ1	55	157.54	After	Interior Girder 6	33.7	0.95	1	1	3.706026
Type 3S2_serv	BOBJ1	55	157.54	After	Right Exterior Girder	33.7	0.95	1	1	3.693503
Type 3S2_serv	BOBJ1	56	165.965	Before	Left Exterior Girder	42.125	0.95	1	1	4.510555
Type 3S2_serv	BOBJ1	56	165.965	Before	Interior Girder 1	42.125	0.95	1	1	3.882948
Type 3S2_serv	BOBJ1	56	165.965	Before	Interior Girder 2	42.125	0.95	1	1	3.803982
Type 3S2_serv	BOBJ1	56	165.965	Before	Interior Girder 3	42.125	0.95	1	1	3.750824
Type 3S2_serv	BOBJ1	56	165.965	Before	Interior Girder 4	42.125	0.95	1	1	3.750824
Type 3S2_serv	BOBJ1	56	165.965	Before	Interior Girder 5	42.125	0.95	1	1	3.803982
Type 3S2_serv	BOBJ1	56	165.965	Before	Interior Girder 6	42.125	0.95	1	1	3.882948
Type 3S2_serv	BOBJ1	56	165.965	Before	Right Exterior Girder	42.125	0.95	1	1	4.510555
Type 3S2_serv	BOBJ1	57	165.965	After	Left Exterior Girder	42.125	0.95	1	1	4.430844
Type 3S2_serv	BOBJ1	57	165.965	After	Interior Girder 1	42.125	0.95	1	1	3.922963
Type 3S2_serv	BOBJ1	57	165.965	After	Interior Girder 2	42.125	0.95	1	1	3.800816
Type 3S2_serv	BOBJ1	57	165.965	After	Interior Girder 3	42.125	0.95	1	1	3.709739
Type 3S2_serv	BOBJ1	57	165.965	After	Interior Girder 4	42.125	0.95	1	1	3.709739
Type 3S2_serv	BOBJ1	57	165.965	After	Interior Girder 5	42.125	0.95	1	1	3.800816
Type 3S2_serv	BOBJ1	57	165.965	After	Interior Girder 6	42.125	0.95	1	1	3.922963
Type 3S2_serv	BOBJ1	57	165.965	After	Right Exterior Girder	42.125	0.95	1	1	4.430844
Type 3S2_serv	BOBJ1	58	174.39	Before	Left Exterior Girder	50.55	0.95	1	1	7.080708
Type 3S2_serv	BOBJ1	58	174.39	Before	Interior Girder 1	50.55	0.95	1	1	6.440195
Type 3S2_serv	BOBJ1	58	174.39	Before	Interior Girder 2	50.55	0.95	1	1	6.052749
Type 3S2_serv	BOBJ1	58	174.39	Before	Interior Girder 3	50.55	0.95	1	1	6.04651
Type 3S2_serv	BOBJ1	58	174.39	Before	Interior Girder 4	50.55	0.95	1	1	6.04651
Type 3S2_serv	BOBJ1	58	174.39	Before	Interior Girder 5	50.55	0.95	1	1	6.052749
Type 3S2_serv	BOBJ1	58	174.39	Before	Interior Girder 6	50.55	0.95	1	1	6.440195
Type 3S2_serv	BOBJ1	58	174.39	Before	Right Exterior Girder	50.55	0.95	1	1	7.080708
Type 3S2_serv	BOBJ1	59	174.39	After	Left Exterior Girder	50.55	0.95	1	1	7.112658
Type 3S2_serv	BOBJ1	59	174.39	After	Interior Girder 1	50.55	0.95	1	1	6.581616
Type 3S2_serv	BOBJ1	59	174.39	After	Interior Girder 2	50.55	0.95	1	1	6.050598
Type 3S2_serv	BOBJ1	59	174.39	After	Interior Girder 3	50.55	0.95	1	1	5.928195
Type 3S2_serv	BOBJ1	59	174.39	After	Interior Girder 4	50.55	0.95	1	1	5.928195
Type 3S2_serv	BOBJ1	59	174.39	After	Interior Girder 5	50.55	0.95	1	1	6.050598
Type 3S2_serv	BOBJ1	59	174.39	After	Interior Girder 6	50.55	0.95	1	1	6.581616
Type 3S2_serv	BOBJ1	59	174.39	After	Right Exterior Girder	50.55	0.95	1	1	7.112658
Type 3S2_serv	BOBJ1	60	182.825	Before	Left Exterior Girder	58.985	0.95	1	1	4.459784
Type 3S2_serv	BOBJ1	60	182.825	Before	Interior Girder 1	58.985	0.95	1	1	4.853798
Type 3S2_serv	BOBJ1	60	182.825	Before	Interior Girder 2	58.985	0.95	1	1	4.799492
Type 3S2_serv	BOBJ1	60	182.825	Before	Interior Girder 3	58.985	0.95	1	1	4.670022
Type 3S2_serv	BOBJ1	60	182.825	Before	Interior Girder 4	58.985	0.95	1	1	4.670022
Type 3S2_serv	BOBJ1	60	182.825	Before	Interior Girder 5	58.985	0.95	1	1	4.799492
Type 3S2_serv	BOBJ1	60	182.825	Before	Interior Girder 6	58.985	0.95	1	1	4.853798
Type 3S2_serv	BOBJ1	60	182.825	Before	Right Exterior Girder	58.985	0.95	1	1	4.459784
Type 3S2_serv	BOBJ1	61	182.825	After	Left Exterior Girder	58.985	0.95	1	1	4.565891
Type 3S2_serv	BOBJ1	61	182.825	After	Interior Girder 1	58.985	0.95	1	1	4.769103
Type 3S2_serv	BOBJ1	61	182.825	After	Interior Girder 2	58.985	0.95	1	1	4.753298
Type 3S2_serv	BOBJ1	61	182.825	After	Interior Girder 3	58.985	0.95	1	1	4.657171
Type 3S2_serv	BOBJ1	61	182.825	After	Interior Girder 4	58.985	0.95	1	1	4.657171
Type 3S2_serv	BOBJ1	61	182.825	After	Interior Girder 5	58.985	0.95	1	1	4.753298
Type 3S2_serv	BOBJ1	61	182.825	After	Interior Girder 6	58.985	0.95	1	1	4.769103
Type 3S2_serv	BOBJ1	61	182.825	After	Right Exterior Girder	58.985	0.95	1	1	4.565891
Type 3S2_serv	BOBJ1	62	183.76	Before	Left Exterior Girder	59.92	0.95	1	1	4.236836
Type 3S2_serv	BOBJ1	62	183.76	Before	Right Exterior Girder	59.92	0.95	1	1	4.236836
Type 3S2_serv	BOBJ1	63	183.76	After	Left Exterior Girder	59.92	0.95	1	1	8.413835
Type 3S2_serv	BOBJ1	63	183.76	After	Right Exterior Girder	59.92	0.95	1	1	8.413835
Type 3S2_serv	BOBJ1	64	186.26	Before	Interior Girder 1	62.42	0.95	1	1	4.028591
Type 3S2_serv	BOBJ1	64	186.26	Before	Interior Girder 2	62.42	0.95	1	1	3.995127
Type 3S2_serv	BOBJ1	64	186.26	Before	Interior Girder 3	62.42	0.95	1	1	3.746199
Type 3S2_serv	BOBJ1	64	186.26	Before	Interior Girder 4	62.42	0.95	1	1	3.746199
Type 3S2_serv	BOBJ1	64	186.26	Before	Interior Girder 5	62.42	0.95	1	1	3.995127

TABLE: Bridge Super Rating AASHTORATE18 31 - SteelICompServ-Flx - Approach, Span 7-11										
Request	BridgeObj	BridgeCut	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	Unitless	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Type 3S2_serv	BOBJ1	64	186.26	Before	Interior Girder 6	62.42	0.95	1	1	4.028591
Type 3S2_serv	BOBJ1	65	186.26	After	Interior Girder 1	62.42	0.95	1	1	5.604165
Type 3S2_serv	BOBJ1	65	186.26	After	Interior Girder 2	62.42	0.95	1	1	5.454742
Type 3S2_serv	BOBJ1	65	186.26	After	Interior Girder 3	62.42	0.95	1	1	5.15518
Type 3S2_serv	BOBJ1	65	186.26	After	Interior Girder 4	62.42	0.95	1	1	5.15518
Type 3S2_serv	BOBJ1	65	186.26	After	Interior Girder 5	62.42	0.95	1	1	5.454742
Type 3S2_serv	BOBJ1	65	186.26	After	Interior Girder 6	62.42	0.95	1	1	5.604165
Type 3S2_serv	BOBJ1	66	191.26	Before	Left Exterior Girder	67.42	0.95	1	1	5.33733
Type 3S2_serv	BOBJ1	66	191.26	Before	Interior Girder 1	67.42	0.95	1	1	3.580869
Type 3S2_serv	BOBJ1	66	191.26	Before	Interior Girder 2	67.42	0.95	1	1	3.487528
Type 3S2_serv	BOBJ1	66	191.26	Before	Interior Girder 3	67.42	0.95	1	1	2.817786
Type 3S2_serv	BOBJ1	66	191.26	Before	Interior Girder 4	67.42	0.95	1	1	2.817786
Type 3S2_serv	BOBJ1	66	191.26	Before	Interior Girder 5	67.42	0.95	1	1	3.487528
Type 3S2_serv	BOBJ1	66	191.26	Before	Interior Girder 6	67.42	0.95	1	1	3.580869
Type 3S2_serv	BOBJ1	66	191.26	Before	Right Exterior Girder	67.42	0.95	1	1	5.33733
Type 3S2_serv	BOBJ1	67	191.26	After	Left Exterior Girder	0	0.95	1	1	5.30754
Type 3S2_serv	BOBJ1	67	191.26	After	Interior Girder 1	0	0.95	1	1	3.593939
Type 3S2_serv	BOBJ1	67	191.26	After	Interior Girder 2	0	0.95	1	1	3.482513
Type 3S2_serv	BOBJ1	67	191.26	After	Interior Girder 3	0	0.95	1	1	2.808889
Type 3S2_serv	BOBJ1	67	191.26	After	Interior Girder 4	0	0.95	1	1	2.808889
Type 3S2_serv	BOBJ1	67	191.26	After	Interior Girder 5	0	0.95	1	1	3.482513
Type 3S2_serv	BOBJ1	67	191.26	After	Interior Girder 6	0	0.95	1	1	3.593939
Type 3S2_serv	BOBJ1	67	191.26	After	Right Exterior Girder	0	0.95	1	1	5.30754
Type 3S2_serv	BOBJ1	68	196.26	Before	Interior Girder 1	5	0.95	1	1	5.477903
Type 3S2_serv	BOBJ1	68	196.26	Before	Interior Girder 2	5	0.95	1	1	5.356005
Type 3S2_serv	BOBJ1	68	196.26	Before	Interior Girder 3	5	0.95	1	1	5.072943
Type 3S2_serv	BOBJ1	68	196.26	Before	Interior Girder 4	5	0.95	1	1	5.072943
Type 3S2_serv	BOBJ1	68	196.26	Before	Interior Girder 5	5	0.95	1	1	5.356005
Type 3S2_serv	BOBJ1	68	196.26	Before	Interior Girder 6	5	0.95	1	1	5.477903
Type 3S2_serv	BOBJ1	69	196.26	After	Interior Girder 1	5	0.95	1	1	3.936715
Type 3S2_serv	BOBJ1	69	196.26	After	Interior Girder 2	5	0.95	1	1	3.920755
Type 3S2_serv	BOBJ1	69	196.26	After	Interior Girder 3	5	0.95	1	1	3.683341
Type 3S2_serv	BOBJ1	69	196.26	After	Interior Girder 4	5	0.95	1	1	3.683341
Type 3S2_serv	BOBJ1	69	196.26	After	Interior Girder 5	5	0.95	1	1	3.920755
Type 3S2_serv	BOBJ1	69	196.26	After	Interior Girder 6	5	0.95	1	1	3.936715
Type 3S2_serv	BOBJ1	70	198.76	Before	Left Exterior Girder	7.5	0.95	1	1	8.197683
Type 3S2_serv	BOBJ1	70	198.76	Before	Right Exterior Girder	7.5	0.95	1	1	8.197683
Type 3S2_serv	BOBJ1	71	198.76	After	Left Exterior Girder	7.5	0.95	1	1	4.129258
Type 3S2_serv	BOBJ1	71	198.76	After	Right Exterior Girder	7.5	0.95	1	1	4.129258
Type 3S2_serv	BOBJ1	72	199.685	Before	Left Exterior Girder	8.425	0.95	1	1	4.43109
Type 3S2_serv	BOBJ1	72	199.685	Before	Interior Girder 1	8.425	0.95	1	1	4.651484
Type 3S2_serv	BOBJ1	72	199.685	Before	Interior Girder 2	8.425	0.95	1	1	4.660992
Type 3S2_serv	BOBJ1	72	199.685	Before	Interior Girder 3	8.425	0.95	1	1	4.564604
Type 3S2_serv	BOBJ1	72	199.685	Before	Interior Girder 4	8.425	0.95	1	1	4.564604
Type 3S2_serv	BOBJ1	72	199.685	Before	Interior Girder 5	8.425	0.95	1	1	4.660992
Type 3S2_serv	BOBJ1	72	199.685	Before	Interior Girder 6	8.425	0.95	1	1	4.651484
Type 3S2_serv	BOBJ1	72	199.685	Before	Right Exterior Girder	8.425	0.95	1	1	4.43109
Type 3S2_serv	BOBJ1	73	199.685	After	Left Exterior Girder	8.425	0.95	1	1	4.328055
Type 3S2_serv	BOBJ1	73	199.685	After	Interior Girder 1	8.425	0.95	1	1	4.734978
Type 3S2_serv	BOBJ1	73	199.685	After	Interior Girder 2	8.425	0.95	1	1	4.705112
Type 3S2_serv	BOBJ1	73	199.685	After	Interior Girder 3	8.425	0.95	1	1	4.575726
Type 3S2_serv	BOBJ1	73	199.685	After	Interior Girder 4	8.425	0.95	1	1	4.575726
Type 3S2_serv	BOBJ1	73	199.685	After	Interior Girder 5	8.425	0.95	1	1	4.705112
Type 3S2_serv	BOBJ1	73	199.685	After	Interior Girder 6	8.425	0.95	1	1	4.734978
Type 3S2_serv	BOBJ1	73	199.685	After	Right Exterior Girder	8.425	0.95	1	1	4.328055
Type 3S2_serv	BOBJ1	74	208.11	Before	Left Exterior Girder	16.85	0.95	1	1	6.955016
Type 3S2_serv	BOBJ1	74	208.11	Before	Interior Girder 1	16.85	0.95	1	1	6.565817
Type 3S2_serv	BOBJ1	74	208.11	Before	Interior Girder 2	16.85	0.95	1	1	6.037651
Type 3S2_serv	BOBJ1	74	208.11	Before	Interior Girder 3	16.85	0.95	1	1	5.909672
Type 3S2_serv	BOBJ1	74	208.11	Before	Interior Girder 4	16.85	0.95	1	1	5.909672
Type 3S2_serv	BOBJ1	74	208.11	Before	Interior Girder 5	16.85	0.95	1	1	6.037651
Type 3S2_serv	BOBJ1	74	208.11	Before	Interior Girder 6	16.85	0.95	1	1	6.565817
Type 3S2_serv	BOBJ1	74	208.11	Before	Right Exterior Girder	16.85	0.95	1	1	6.955016
Type 3S2_serv	BOBJ1	75	208.11	After	Left Exterior Girder	16.85	0.95	1	1	6.885918
Type 3S2_serv	BOBJ1	75	208.11	After	Interior Girder 1	16.85	0.95	1	1	6.425176
Type 3S2_serv	BOBJ1	75	208.11	After	Interior Girder 2	16.85	0.95	1	1	6.042186
Type 3S2_serv	BOBJ1	75	208.11	After	Interior Girder 3	16.85	0.95	1	1	6.028706
Type 3S2_serv	BOBJ1	75	208.11	After	Interior Girder 4	16.85	0.95	1	1	6.028706
Type 3S2_serv	BOBJ1	75	208.11	After	Interior Girder 5	16.85	0.95	1	1	6.042186
Type 3S2_serv	BOBJ1	75	208.11	After	Interior Girder 6	16.85	0.95	1	1	6.425176
Type 3S2_serv	BOBJ1	75	208.11	After	Right Exterior Girder	16.85	0.95	1	1	6.885918
Type 3S2_serv	BOBJ1	76	216.535	Before	Left Exterior Girder	25.275	0.95	1	1	4.456846
Type 3S2_serv	BOBJ1	76	216.535	Before	Interior Girder 1	25.275	0.95	1	1	3.957669

TABLE: Bridge Super Rating AASHTORATE18 31 - SteelICompServ-Flx - Approach, Span 7-11										
Request	BridgeObj	BridgeCut	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	Unitless	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Type 3S2_serv	BOBJ1	76	216.535	Before	Interior Girder 2	25.275	0.95	1	1	3.823159
Type 3S2_serv	BOBJ1	76	216.535	Before	Interior Girder 3	25.275	0.95	1	1	3.72231
Type 3S2_serv	BOBJ1	76	216.535	Before	Interior Girder 4	25.275	0.95	1	1	3.72231
Type 3S2_serv	BOBJ1	76	216.535	Before	Interior Girder 5	25.275	0.95	1	1	3.823159
Type 3S2_serv	BOBJ1	76	216.535	Before	Interior Girder 6	25.275	0.95	1	1	3.957669
Type 3S2_serv	BOBJ1	76	216.535	Before	Right Exterior Girder	25.275	0.95	1	1	4.456846
Type 3S2_serv	BOBJ1	77	216.535	After	Left Exterior Girder	25.275	0.95	1	1	4.534511
Type 3S2_serv	BOBJ1	77	216.535	After	Interior Girder 1	25.275	0.95	1	1	3.915216
Type 3S2_serv	BOBJ1	77	216.535	After	Interior Girder 2	25.275	0.95	1	1	3.826394
Type 3S2_serv	BOBJ1	77	216.535	After	Interior Girder 3	25.275	0.95	1	1	3.764911
Type 3S2_serv	BOBJ1	77	216.535	After	Interior Girder 4	25.275	0.95	1	1	3.764911
Type 3S2_serv	BOBJ1	77	216.535	After	Interior Girder 5	25.275	0.95	1	1	3.826394
Type 3S2_serv	BOBJ1	77	216.535	After	Interior Girder 6	25.275	0.95	1	1	3.915216
Type 3S2_serv	BOBJ1	77	216.535	After	Right Exterior Girder	25.275	0.95	1	1	4.534511
Type 3S2_serv	BOBJ1	78	224.96	Before	Left Exterior Girder	33.7	0.95	1	1	3.745893
Type 3S2_serv	BOBJ1	78	224.96	Before	Interior Girder 1	33.7	0.95	1	1	3.75816
Type 3S2_serv	BOBJ1	78	224.96	Before	Interior Girder 2	33.7	0.95	1	1	3.695391
Type 3S2_serv	BOBJ1	78	224.96	Before	Interior Girder 3	33.7	0.95	1	1	3.678715
Type 3S2_serv	BOBJ1	78	224.96	Before	Interior Girder 4	33.7	0.95	1	1	3.678715
Type 3S2_serv	BOBJ1	78	224.96	Before	Interior Girder 5	33.7	0.95	1	1	3.695391
Type 3S2_serv	BOBJ1	78	224.96	Before	Interior Girder 6	33.7	0.95	1	1	3.75816
Type 3S2_serv	BOBJ1	78	224.96	Before	Right Exterior Girder	33.7	0.95	1	1	3.745893
Type 3S2_serv	BOBJ1	79	224.96	After	Left Exterior Girder	33.7	0.95	1	1	3.742212
Type 3S2_serv	BOBJ1	79	224.96	After	Interior Girder 1	33.7	0.95	1	1	3.762094
Type 3S2_serv	BOBJ1	79	224.96	After	Interior Girder 2	33.7	0.95	1	1	3.700181
Type 3S2_serv	BOBJ1	79	224.96	After	Interior Girder 3	33.7	0.95	1	1	3.682443
Type 3S2_serv	BOBJ1	79	224.96	After	Interior Girder 4	33.7	0.95	1	1	3.682443
Type 3S2_serv	BOBJ1	79	224.96	After	Interior Girder 5	33.7	0.95	1	1	3.700181
Type 3S2_serv	BOBJ1	79	224.96	After	Interior Girder 6	33.7	0.95	1	1	3.762094
Type 3S2_serv	BOBJ1	79	224.96	After	Right Exterior Girder	33.7	0.95	1	1	3.742212
Type 3S2_serv	BOBJ1	80	233.385	Before	Left Exterior Girder	42.125	0.95	1	1	4.643268
Type 3S2_serv	BOBJ1	80	233.385	Before	Interior Girder 1	42.125	0.95	1	1	3.964297
Type 3S2_serv	BOBJ1	80	233.385	Before	Interior Girder 2	42.125	0.95	1	1	3.860063
Type 3S2_serv	BOBJ1	80	233.385	Before	Interior Girder 3	42.125	0.95	1	1	3.792897
Type 3S2_serv	BOBJ1	80	233.385	Before	Interior Girder 4	42.125	0.95	1	1	3.792897
Type 3S2_serv	BOBJ1	80	233.385	Before	Interior Girder 5	42.125	0.95	1	1	3.860063
Type 3S2_serv	BOBJ1	80	233.385	Before	Interior Girder 6	42.125	0.95	1	1	3.964297
Type 3S2_serv	BOBJ1	80	233.385	Before	Right Exterior Girder	42.125	0.95	1	1	4.643268
Type 3S2_serv	BOBJ1	81	233.385	After	Left Exterior Girder	42.125	0.95	1	1	4.551847
Type 3S2_serv	BOBJ1	81	233.385	After	Interior Girder 1	42.125	0.95	1	1	4.011167
Type 3S2_serv	BOBJ1	81	233.385	After	Interior Girder 2	42.125	0.95	1	1	3.861844
Type 3S2_serv	BOBJ1	81	233.385	After	Interior Girder 3	42.125	0.95	1	1	3.752805
Type 3S2_serv	BOBJ1	81	233.385	After	Interior Girder 4	42.125	0.95	1	1	3.752805
Type 3S2_serv	BOBJ1	81	233.385	After	Interior Girder 5	42.125	0.95	1	1	3.861844
Type 3S2_serv	BOBJ1	81	233.385	After	Interior Girder 6	42.125	0.95	1	1	4.011167
Type 3S2_serv	BOBJ1	81	233.385	After	Right Exterior Girder	42.125	0.95	1	1	4.551847
Type 3S2_serv	BOBJ1	82	241.81	Before	Left Exterior Girder	50.55	0.95	1	1	7.658771
Type 3S2_serv	BOBJ1	82	241.81	Before	Interior Girder 1	50.55	0.95	1	1	6.623773
Type 3S2_serv	BOBJ1	82	241.81	Before	Interior Girder 2	50.55	0.95	1	1	6.1491
Type 3S2_serv	BOBJ1	82	241.81	Before	Interior Girder 3	50.55	0.95	1	1	6.113467
Type 3S2_serv	BOBJ1	82	241.81	Before	Interior Girder 4	50.55	0.95	1	1	6.113467
Type 3S2_serv	BOBJ1	82	241.81	Before	Interior Girder 5	50.55	0.95	1	1	6.1491
Type 3S2_serv	BOBJ1	82	241.81	Before	Interior Girder 6	50.55	0.95	1	1	6.623773
Type 3S2_serv	BOBJ1	82	241.81	Before	Right Exterior Girder	50.55	0.95	1	1	7.658771
Type 3S2_serv	BOBJ1	83	241.81	After	Left Exterior Girder	50.55	0.95	1	1	7.500899
Type 3S2_serv	BOBJ1	83	241.81	After	Interior Girder 1	50.55	0.95	1	1	6.76509
Type 3S2_serv	BOBJ1	83	241.81	After	Interior Girder 2	50.55	0.95	1	1	6.185566
Type 3S2_serv	BOBJ1	83	241.81	After	Interior Girder 3	50.55	0.95	1	1	6.061504
Type 3S2_serv	BOBJ1	83	241.81	After	Interior Girder 4	50.55	0.95	1	1	6.061504
Type 3S2_serv	BOBJ1	83	241.81	After	Interior Girder 5	50.55	0.95	1	1	6.185566
Type 3S2_serv	BOBJ1	83	241.81	After	Interior Girder 6	50.55	0.95	1	1	6.76509
Type 3S2_serv	BOBJ1	83	241.81	After	Right Exterior Girder	50.55	0.95	1	1	7.500899
Type 3S2_serv	BOBJ1	84	245.18	Before	Left Exterior Girder	53.92	0.95	1	1	6.9975
Type 3S2_serv	BOBJ1	84	245.18	Before	Interior Girder 1	53.92	0.95	1	1	7.059292
Type 3S2_serv	BOBJ1	84	245.18	Before	Interior Girder 2	53.92	0.95	1	1	6.910865
Type 3S2_serv	BOBJ1	84	245.18	Before	Interior Girder 3	53.92	0.95	1	1	7.100627
Type 3S2_serv	BOBJ1	84	245.18	Before	Interior Girder 4	53.92	0.95	1	1	7.100627
Type 3S2_serv	BOBJ1	84	245.18	Before	Interior Girder 5	53.92	0.95	1	1	6.910865
Type 3S2_serv	BOBJ1	84	245.18	Before	Interior Girder 6	53.92	0.95	1	1	7.059292
Type 3S2_serv	BOBJ1	84	245.18	Before	Right Exterior Girder	53.92	0.95	1	1	6.9975
Type 3S2_serv	BOBJ1	85	245.18	After	Left Exterior Girder	53.92	0.95	1	1	8.149586
Type 3S2_serv	BOBJ1	85	245.18	After	Interior Girder 1	53.92	0.95	1	1	7.55326
Type 3S2_serv	BOBJ1	85	245.18	After	Interior Girder 2	53.92	0.95	1	1	7.363595

TABLE: Bridge Super Rating AASHTORATE18 31 - SteelICompServ-Flx - Approach, Span 7-11										
Request	BridgeObj	BridgeCut	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	Unitless	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Type 3S2_serv	BOBJ1	85	245.18	After	Interior Girder 3	53.92	0.95	1	1	7.603215
Type 3S2_serv	BOBJ1	85	245.18	After	Interior Girder 4	53.92	0.95	1	1	7.603215
Type 3S2_serv	BOBJ1	85	245.18	After	Interior Girder 5	53.92	0.95	1	1	7.363595
Type 3S2_serv	BOBJ1	85	245.18	After	Interior Girder 6	53.92	0.95	1	1	7.55326
Type 3S2_serv	BOBJ1	85	245.18	After	Right Exterior Girder	53.92	0.95	1	1	8.149586
Type 3S2_serv	BOBJ1	86	250.245	Before	Left Exterior Girder	58.985	0.95	1	1	6.171892
Type 3S2_serv	BOBJ1	86	250.245	Before	Interior Girder 1	58.985	0.95	1	1	6.051868
Type 3S2_serv	BOBJ1	86	250.245	Before	Interior Girder 2	58.985	0.95	1	1	5.805782
Type 3S2_serv	BOBJ1	86	250.245	Before	Interior Girder 3	58.985	0.95	1	1	5.575628
Type 3S2_serv	BOBJ1	86	250.245	Before	Interior Girder 4	58.985	0.95	1	1	5.575628
Type 3S2_serv	BOBJ1	86	250.245	Before	Interior Girder 5	58.985	0.95	1	1	5.805782
Type 3S2_serv	BOBJ1	86	250.245	Before	Interior Girder 6	58.985	0.95	1	1	6.051868
Type 3S2_serv	BOBJ1	86	250.245	Before	Right Exterior Girder	58.985	0.95	1	1	6.171892
Type 3S2_serv	BOBJ1	87	250.245	After	Left Exterior Girder	58.985	0.95	1	1	6.237197
Type 3S2_serv	BOBJ1	87	250.245	After	Interior Girder 1	58.985	0.95	1	1	5.980282
Type 3S2_serv	BOBJ1	87	250.245	After	Interior Girder 2	58.985	0.95	1	1	5.74415
Type 3S2_serv	BOBJ1	87	250.245	After	Interior Girder 3	58.985	0.95	1	1	5.53933
Type 3S2_serv	BOBJ1	87	250.245	After	Interior Girder 4	58.985	0.95	1	1	5.53933
Type 3S2_serv	BOBJ1	87	250.245	After	Interior Girder 5	58.985	0.95	1	1	5.74415
Type 3S2_serv	BOBJ1	87	250.245	After	Interior Girder 6	58.985	0.95	1	1	5.980282
Type 3S2_serv	BOBJ1	87	250.245	After	Right Exterior Girder	58.985	0.95	1	1	6.237197
Type 3S2_serv	BOBJ1	88	251.68	Before	Left Exterior Girder	60.42	0.95	1	1	5.701452
Type 3S2_serv	BOBJ1	88	251.68	Before	Right Exterior Girder	60.42	0.95	1	1	5.701452
Type 3S2_serv	BOBJ1	89	251.68	After	Left Exterior Girder	60.42	0.95	1	1	9.895493
Type 3S2_serv	BOBJ1	89	251.68	After	Right Exterior Girder	60.42	0.95	1	1	9.895493
Type 3S2_serv	BOBJ1	90	254.18	Before	Interior Girder 1	62.92	0.95	1	1	4.89041
Type 3S2_serv	BOBJ1	90	254.18	Before	Interior Girder 2	62.92	0.95	1	1	4.727355
Type 3S2_serv	BOBJ1	90	254.18	Before	Interior Girder 3	62.92	0.95	1	1	4.205745
Type 3S2_serv	BOBJ1	90	254.18	Before	Interior Girder 4	62.92	0.95	1	1	4.205745
Type 3S2_serv	BOBJ1	90	254.18	Before	Interior Girder 5	62.92	0.95	1	1	4.727355
Type 3S2_serv	BOBJ1	90	254.18	Before	Interior Girder 6	62.92	0.95	1	1	4.89041
Type 3S2_serv	BOBJ1	91	254.18	After	Interior Girder 1	62.92	0.95	1	1	5.96903
Type 3S2_serv	BOBJ1	91	254.18	After	Interior Girder 2	62.92	0.95	1	1	5.6645
Type 3S2_serv	BOBJ1	91	254.18	After	Interior Girder 3	62.92	0.95	1	1	5.129033
Type 3S2_serv	BOBJ1	91	254.18	After	Interior Girder 4	62.92	0.95	1	1	5.129033
Type 3S2_serv	BOBJ1	91	254.18	After	Interior Girder 5	62.92	0.95	1	1	5.6645
Type 3S2_serv	BOBJ1	91	254.18	After	Interior Girder 6	62.92	0.95	1	1	5.96903
Type 3S2_serv	BOBJ1	92	258.68	Before	Left Exterior Girder	67.42	0.95	1	1	5.319309
Type 3S2_serv	BOBJ1	92	258.68	Before	Interior Girder 1	67.42	0.95	1	1	3.364286
Type 3S2_serv	BOBJ1	92	258.68	Before	Interior Girder 2	67.42	0.95	1	1	3.23307
Type 3S2_serv	BOBJ1	92	258.68	Before	Interior Girder 3	67.42	0.95	1	1	2.634241
Type 3S2_serv	BOBJ1	92	258.68	Before	Interior Girder 4	67.42	0.95	1	1	2.634241
Type 3S2_serv	BOBJ1	92	258.68	Before	Interior Girder 5	67.42	0.95	1	1	3.23307
Type 3S2_serv	BOBJ1	92	258.68	Before	Interior Girder 6	67.42	0.95	1	1	3.364286
Type 3S2_serv	BOBJ1	92	258.68	Before	Right Exterior Girder	67.42	0.95	1	1	5.319309
Type 3S2_serv	BOBJ1	93	258.68	After	Left Exterior Girder	0	0.95	1	1	5.330247
Type 3S2_serv	BOBJ1	93	258.68	After	Interior Girder 1	0	0.95	1	1	3.382283
Type 3S2_serv	BOBJ1	93	258.68	After	Interior Girder 2	0	0.95	1	1	3.209276
Type 3S2_serv	BOBJ1	93	258.68	After	Interior Girder 3	0	0.95	1	1	2.585909
Type 3S2_serv	BOBJ1	93	258.68	After	Interior Girder 4	0	0.95	1	1	2.585909
Type 3S2_serv	BOBJ1	93	258.68	After	Interior Girder 5	0	0.95	1	1	3.209276
Type 3S2_serv	BOBJ1	93	258.68	After	Interior Girder 6	0	0.95	1	1	3.382283
Type 3S2_serv	BOBJ1	93	258.68	After	Right Exterior Girder	0	0.95	1	1	5.330247
Type 3S2_serv	BOBJ1	94	263.18	Before	Interior Girder 1	4.5	0.95	1	1	4.917369
Type 3S2_serv	BOBJ1	94	263.18	Before	Interior Girder 2	4.5	0.95	1	1	4.803395
Type 3S2_serv	BOBJ1	94	263.18	Before	Interior Girder 3	4.5	0.95	1	1	4.537056
Type 3S2_serv	BOBJ1	94	263.18	Before	Interior Girder 4	4.5	0.95	1	1	4.537056
Type 3S2_serv	BOBJ1	94	263.18	Before	Interior Girder 5	4.5	0.95	1	1	4.803395
Type 3S2_serv	BOBJ1	94	263.18	Before	Interior Girder 6	4.5	0.95	1	1	4.917369
Type 3S2_serv	BOBJ1	95	263.18	After	Interior Girder 1	4.5	0.95	1	1	4.030198
Type 3S2_serv	BOBJ1	95	263.18	After	Interior Girder 2	4.5	0.95	1	1	4.000541
Type 3S2_serv	BOBJ1	95	263.18	After	Interior Girder 3	4.5	0.95	1	1	3.753524
Type 3S2_serv	BOBJ1	95	263.18	After	Interior Girder 4	4.5	0.95	1	1	3.753524
Type 3S2_serv	BOBJ1	95	263.18	After	Interior Girder 5	4.5	0.95	1	1	4.000541
Type 3S2_serv	BOBJ1	95	263.18	After	Interior Girder 6	4.5	0.95	1	1	4.030198
Type 3S2_serv	BOBJ1	96	265.68	Before	Left Exterior Girder	7	0.95	1	1	7.581025
Type 3S2_serv	BOBJ1	96	265.68	Before	Right Exterior Girder	7	0.95	1	1	7.581025
Type 3S2_serv	BOBJ1	97	265.68	After	Left Exterior Girder	7	0.95	1	1	4.390081
Type 3S2_serv	BOBJ1	97	265.68	After	Right Exterior Girder	7	0.95	1	1	4.390081
Type 3S2_serv	BOBJ1	98	268.08	Before	Left Exterior Girder	9.4	0.95	1	1	5.123238
Type 3S2_serv	BOBJ1	98	268.08	Before	Interior Girder 1	9.4	0.95	1	1	5.093236
Type 3S2_serv	BOBJ1	98	268.08	Before	Interior Girder 2	9.4	0.95	1	1	5.080863
Type 3S2_serv	BOBJ1	98	268.08	Before	Interior Girder 3	9.4	0.95	1	1	5.010663

TABLE: Bridge Super Rating AASHTORATE18 31 - SteelICompServ-Flx - Approach, Span 7-11										
Request	BridgeObj	BridgeCut	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	Unitless	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Type 3S2_serv	BOBJ1	98	268.08	Before	Interior Girder 4	9.4	0.95	1	1	5.010663
Type 3S2_serv	BOBJ1	98	268.08	Before	Interior Girder 5	9.4	0.95	1	1	5.080863
Type 3S2_serv	BOBJ1	98	268.08	Before	Interior Girder 6	9.4	0.95	1	1	5.093236
Type 3S2_serv	BOBJ1	98	268.08	Before	Right Exterior Girder	9.4	0.95	1	1	5.123238
Type 3S2_serv	BOBJ1	99	268.08	After	Left Exterior Girder	9.4	0.95	1	1	5.017654
Type 3S2_serv	BOBJ1	99	268.08	After	Interior Girder 1	9.4	0.95	1	1	5.176273
Type 3S2_serv	BOBJ1	99	268.08	After	Interior Girder 2	9.4	0.95	1	1	5.138885
Type 3S2_serv	BOBJ1	99	268.08	After	Interior Girder 3	9.4	0.95	1	1	5.028034
Type 3S2_serv	BOBJ1	99	268.08	After	Interior Girder 4	9.4	0.95	1	1	5.028034
Type 3S2_serv	BOBJ1	99	268.08	After	Interior Girder 5	9.4	0.95	1	1	5.138885
Type 3S2_serv	BOBJ1	99	268.08	After	Interior Girder 6	9.4	0.95	1	1	5.176273
Type 3S2_serv	BOBJ1	99	268.08	After	Right Exterior Girder	9.4	0.95	1	1	5.017654
Type 3S2_serv	BOBJ1	100	277.48	Before	Left Exterior Girder	18.8	0.95	1	1	6.165758
Type 3S2_serv	BOBJ1	100	277.48	Before	Interior Girder 1	18.8	0.95	1	1	5.69745
Type 3S2_serv	BOBJ1	100	277.48	Before	Interior Girder 2	18.8	0.95	1	1	5.227168
Type 3S2_serv	BOBJ1	100	277.48	Before	Interior Girder 3	18.8	0.95	1	1	5.084447
Type 3S2_serv	BOBJ1	100	277.48	Before	Interior Girder 4	18.8	0.95	1	1	5.084447
Type 3S2_serv	BOBJ1	100	277.48	Before	Interior Girder 5	18.8	0.95	1	1	5.227168
Type 3S2_serv	BOBJ1	100	277.48	Before	Interior Girder 6	18.8	0.95	1	1	5.69745
Type 3S2_serv	BOBJ1	100	277.48	Before	Right Exterior Girder	18.8	0.95	1	1	6.165758
Type 3S2_serv	BOBJ1	101	277.48	After	Left Exterior Girder	18.8	0.95	1	1	6.308943
Type 3S2_serv	BOBJ1	101	277.48	After	Interior Girder 1	18.8	0.95	1	1	5.588863
Type 3S2_serv	BOBJ1	101	277.48	After	Interior Girder 2	18.8	0.95	1	1	5.237564
Type 3S2_serv	BOBJ1	101	277.48	After	Interior Girder 3	18.8	0.95	1	1	5.172439
Type 3S2_serv	BOBJ1	101	277.48	After	Interior Girder 4	18.8	0.95	1	1	5.172439
Type 3S2_serv	BOBJ1	101	277.48	After	Interior Girder 5	18.8	0.95	1	1	5.237564
Type 3S2_serv	BOBJ1	101	277.48	After	Interior Girder 6	18.8	0.95	1	1	5.588863
Type 3S2_serv	BOBJ1	101	277.48	After	Right Exterior Girder	18.8	0.95	1	1	6.308943
Type 3S2_serv	BOBJ1	102	286.88	Before	Left Exterior Girder	28.2	0.95	1	1	4.624757
Type 3S2_serv	BOBJ1	102	286.88	Before	Interior Girder 1	28.2	0.95	1	1	3.874865
Type 3S2_serv	BOBJ1	102	286.88	Before	Interior Girder 2	28.2	0.95	1	1	3.714463
Type 3S2_serv	BOBJ1	102	286.88	Before	Interior Girder 3	28.2	0.95	1	1	3.546799
Type 3S2_serv	BOBJ1	102	286.88	Before	Interior Girder 4	28.2	0.95	1	1	3.546799
Type 3S2_serv	BOBJ1	102	286.88	Before	Interior Girder 5	28.2	0.95	1	1	3.714463
Type 3S2_serv	BOBJ1	102	286.88	Before	Interior Girder 6	28.2	0.95	1	1	3.874865
Type 3S2_serv	BOBJ1	102	286.88	Before	Right Exterior Girder	28.2	0.95	1	1	4.624757
Type 3S2_serv	BOBJ1	103	286.88	After	Left Exterior Girder	28.2	0.95	1	1	4.649814
Type 3S2_serv	BOBJ1	103	286.88	After	Interior Girder 1	28.2	0.95	1	1	3.854782
Type 3S2_serv	BOBJ1	103	286.88	After	Interior Girder 2	28.2	0.95	1	1	3.705725
Type 3S2_serv	BOBJ1	103	286.88	After	Interior Girder 3	28.2	0.95	1	1	3.550466
Type 3S2_serv	BOBJ1	103	286.88	After	Interior Girder 4	28.2	0.95	1	1	3.550466
Type 3S2_serv	BOBJ1	103	286.88	After	Interior Girder 5	28.2	0.95	1	1	3.705725
Type 3S2_serv	BOBJ1	103	286.88	After	Interior Girder 6	28.2	0.95	1	1	3.854782
Type 3S2_serv	BOBJ1	103	286.88	After	Right Exterior Girder	28.2	0.95	1	1	4.649814
Type 3S2_serv	BOBJ1	104	296.28	Before	Left Exterior Girder	37.6	0.95	1	1	4.195343
Type 3S2_serv	BOBJ1	104	296.28	Before	Interior Girder 1	37.6	0.95	1	1	3.916872
Type 3S2_serv	BOBJ1	104	296.28	Before	Interior Girder 2	37.6	0.95	1	1	3.746704
Type 3S2_serv	BOBJ1	104	296.28	Before	Interior Girder 3	37.6	0.95	1	1	3.710428
Type 3S2_serv	BOBJ1	104	296.28	Before	Interior Girder 4	37.6	0.95	1	1	3.710428
Type 3S2_serv	BOBJ1	104	296.28	Before	Interior Girder 5	37.6	0.95	1	1	3.746704
Type 3S2_serv	BOBJ1	104	296.28	Before	Interior Girder 6	37.6	0.95	1	1	3.916872
Type 3S2_serv	BOBJ1	104	296.28	Before	Right Exterior Girder	37.6	0.95	1	1	4.195343
Type 3S2_serv	BOBJ1	105	296.28	After	Left Exterior Girder	37.6	0.95	1	1	4.140717
Type 3S2_serv	BOBJ1	105	296.28	After	Interior Girder 1	37.6	0.95	1	1	3.959342
Type 3S2_serv	BOBJ1	105	296.28	After	Interior Girder 2	37.6	0.95	1	1	3.735796
Type 3S2_serv	BOBJ1	105	296.28	After	Interior Girder 3	37.6	0.95	1	1	3.677315
Type 3S2_serv	BOBJ1	105	296.28	After	Interior Girder 4	37.6	0.95	1	1	3.677315
Type 3S2_serv	BOBJ1	105	296.28	After	Interior Girder 5	37.6	0.95	1	1	3.735796
Type 3S2_serv	BOBJ1	105	296.28	After	Interior Girder 6	37.6	0.95	1	1	3.959342
Type 3S2_serv	BOBJ1	105	296.28	After	Right Exterior Girder	37.6	0.95	1	1	4.140717
Type 3S2_serv	BOBJ1	106	305.69	Before	Left Exterior Girder	47.01	0.95	1	1	7.501424
Type 3S2_serv	BOBJ1	106	305.69	Before	Interior Girder 1	47.01	0.95	1	1	5.424198
Type 3S2_serv	BOBJ1	106	305.69	Before	Interior Girder 2	47.01	0.95	1	1	5.244512
Type 3S2_serv	BOBJ1	106	305.69	Before	Interior Girder 3	47.01	0.95	1	1	4.938502
Type 3S2_serv	BOBJ1	106	305.69	Before	Interior Girder 4	47.01	0.95	1	1	4.938502
Type 3S2_serv	BOBJ1	106	305.69	Before	Interior Girder 5	47.01	0.95	1	1	5.244512
Type 3S2_serv	BOBJ1	106	305.69	Before	Interior Girder 6	47.01	0.95	1	1	5.424198
Type 3S2_serv	BOBJ1	106	305.69	Before	Right Exterior Girder	47.01	0.95	1	1	7.501424
Type 3S2_serv	BOBJ1	107	305.69	After	Left Exterior Girder	47.01	0.95	1	1	7.433043
Type 3S2_serv	BOBJ1	107	305.69	After	Interior Girder 1	47.01	0.95	1	1	5.468005
Type 3S2_serv	BOBJ1	107	305.69	After	Interior Girder 2	47.01	0.95	1	1	5.155039
Type 3S2_serv	BOBJ1	107	305.69	After	Interior Girder 3	47.01	0.95	1	1	4.784752
Type 3S2_serv	BOBJ1	107	305.69	After	Interior Girder 4	47.01	0.95	1	1	4.784752

TABLE: Bridge Super Rating AASHTORATE18 31 - SteelICompServ-Flx - Approach, Span 7-11										
Request	BridgeObj	BridgeCut	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	Unitless	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Type 3S2_serv	BOBJ1	107	305.69	After	Interior Girder 5	47.01	0.95	1	1	5.155039
Type 3S2_serv	BOBJ1	107	305.69	After	Interior Girder 6	47.01	0.95	1	1	5.468005
Type 3S2_serv	BOBJ1	107	305.69	After	Right Exterior Girder	47.01	0.95	1	1	7.433043
Type 3S2_serv	BOBJ1	108	315.1	Before	Left Exterior Girder	56.42	0.95	1	1	376.114349
Type 3S2_serv	BOBJ1	108	315.1	Before	Interior Girder 1	56.42	0.95	1	1	478.038907
Type 3S2_serv	BOBJ1	108	315.1	Before	Interior Girder 2	56.42	0.95	1	1	279.043596
Type 3S2_serv	BOBJ1	108	315.1	Before	Interior Girder 3	56.42	0.95	1	1	197.599936
Type 3S2_serv	BOBJ1	108	315.1	Before	Interior Girder 4	56.42	0.95	1	1	197.599936
Type 3S2_serv	BOBJ1	108	315.1	Before	Interior Girder 5	56.42	0.95	1	1	279.043596
Type 3S2_serv	BOBJ1	108	315.1	Before	Interior Girder 6	56.42	0.95	1	1	478.038906
Type 3S2_serv	BOBJ1	108	315.1	Before	Right Exterior Girder	56.42	0.95	1	1	376.11435
Type 3-3_serv	BOBJ1	1	0	After	Left Exterior Girder	0	0.95	1	1	366.319678
Type 3-3_serv	BOBJ1	1	0	After	Interior Girder 1	0	0.95	1	1	449.229086
Type 3-3_serv	BOBJ1	1	0	After	Interior Girder 2	0	0.95	1	1	300.89848
Type 3-3_serv	BOBJ1	1	0	After	Interior Girder 3	0	0.95	1	1	205.261455
Type 3-3_serv	BOBJ1	1	0	After	Interior Girder 4	0	0.95	1	1	205.261454
Type 3-3_serv	BOBJ1	1	0	After	Interior Girder 5	0	0.95	1	1	300.89848
Type 3-3_serv	BOBJ1	1	0	After	Interior Girder 6	0	0.95	1	1	449.229092
Type 3-3_serv	BOBJ1	1	0	After	Right Exterior Girder	0	0.95	1	1	366.319678
Type 3-3_serv	BOBJ1	2	9.4	Before	Left Exterior Girder	9.4	0.95	1	1	7.818878
Type 3-3_serv	BOBJ1	2	9.4	Before	Interior Girder 1	9.4	0.95	1	1	5.783136
Type 3-3_serv	BOBJ1	2	9.4	Before	Interior Girder 2	9.4	0.95	1	1	5.434255
Type 3-3_serv	BOBJ1	2	9.4	Before	Interior Girder 3	9.4	0.95	1	1	5.106558
Type 3-3_serv	BOBJ1	2	9.4	Before	Interior Girder 4	9.4	0.95	1	1	5.106558
Type 3-3_serv	BOBJ1	2	9.4	Before	Interior Girder 5	9.4	0.95	1	1	5.434255
Type 3-3_serv	BOBJ1	2	9.4	Before	Interior Girder 6	9.4	0.95	1	1	5.783136
Type 3-3_serv	BOBJ1	2	9.4	Before	Right Exterior Girder	9.4	0.95	1	1	7.818878
Type 3-3_serv	BOBJ1	3	9.4	After	Left Exterior Girder	9.4	0.95	1	1	7.895393
Type 3-3_serv	BOBJ1	3	9.4	After	Interior Girder 1	9.4	0.95	1	1	5.747064
Type 3-3_serv	BOBJ1	3	9.4	After	Interior Girder 2	9.4	0.95	1	1	5.537997
Type 3-3_serv	BOBJ1	3	9.4	After	Interior Girder 3	9.4	0.95	1	1	5.293402
Type 3-3_serv	BOBJ1	3	9.4	After	Interior Girder 4	9.4	0.95	1	1	5.293402
Type 3-3_serv	BOBJ1	3	9.4	After	Interior Girder 5	9.4	0.95	1	1	5.537997
Type 3-3_serv	BOBJ1	3	9.4	After	Interior Girder 6	9.4	0.95	1	1	5.747064
Type 3-3_serv	BOBJ1	3	9.4	After	Right Exterior Girder	9.4	0.95	1	1	7.895393
Type 3-3_serv	BOBJ1	4	18.8	Before	Left Exterior Girder	18.8	0.95	1	1	4.557188
Type 3-3_serv	BOBJ1	4	18.8	Before	Interior Girder 1	18.8	0.95	1	1	4.393069
Type 3-3_serv	BOBJ1	4	18.8	Before	Interior Girder 2	18.8	0.95	1	1	4.16034
Type 3-3_serv	BOBJ1	4	18.8	Before	Interior Girder 3	18.8	0.95	1	1	4.082609
Type 3-3_serv	BOBJ1	4	18.8	Before	Interior Girder 4	18.8	0.95	1	1	4.082609
Type 3-3_serv	BOBJ1	4	18.8	Before	Interior Girder 5	18.8	0.95	1	1	4.16034
Type 3-3_serv	BOBJ1	4	18.8	Before	Interior Girder 6	18.8	0.95	1	1	4.393069
Type 3-3_serv	BOBJ1	4	18.8	Before	Right Exterior Girder	18.8	0.95	1	1	4.557188
Type 3-3_serv	BOBJ1	5	18.8	After	Left Exterior Girder	18.8	0.95	1	1	4.615251
Type 3-3_serv	BOBJ1	5	18.8	After	Interior Girder 1	18.8	0.95	1	1	4.34802
Type 3-3_serv	BOBJ1	5	18.8	After	Interior Girder 2	18.8	0.95	1	1	4.16854
Type 3-3_serv	BOBJ1	5	18.8	After	Interior Girder 3	18.8	0.95	1	1	4.121969
Type 3-3_serv	BOBJ1	5	18.8	After	Interior Girder 4	18.8	0.95	1	1	4.121969
Type 3-3_serv	BOBJ1	5	18.8	After	Interior Girder 5	18.8	0.95	1	1	4.16854
Type 3-3_serv	BOBJ1	5	18.8	After	Interior Girder 6	18.8	0.95	1	1	4.34802
Type 3-3_serv	BOBJ1	5	18.8	After	Right Exterior Girder	18.8	0.95	1	1	4.615251
Type 3-3_serv	BOBJ1	6	28.2	Before	Left Exterior Girder	28.2	0.95	1	1	5.028109
Type 3-3_serv	BOBJ1	6	28.2	Before	Interior Girder 1	28.2	0.95	1	1	4.296092
Type 3-3_serv	BOBJ1	6	28.2	Before	Interior Girder 2	28.2	0.95	1	1	4.106961
Type 3-3_serv	BOBJ1	6	28.2	Before	Interior Girder 3	28.2	0.95	1	1	3.967078
Type 3-3_serv	BOBJ1	6	28.2	Before	Interior Girder 4	28.2	0.95	1	1	3.967078
Type 3-3_serv	BOBJ1	6	28.2	Before	Interior Girder 5	28.2	0.95	1	1	4.106961
Type 3-3_serv	BOBJ1	6	28.2	Before	Interior Girder 6	28.2	0.95	1	1	4.296092
Type 3-3_serv	BOBJ1	6	28.2	Before	Right Exterior Girder	28.2	0.95	1	1	5.028109
Type 3-3_serv	BOBJ1	7	28.2	After	Left Exterior Girder	28.2	0.95	1	1	5.005854
Type 3-3_serv	BOBJ1	7	28.2	After	Interior Girder 1	28.2	0.95	1	1	4.305975
Type 3-3_serv	BOBJ1	7	28.2	After	Interior Girder 2	28.2	0.95	1	1	4.104712
Type 3-3_serv	BOBJ1	7	28.2	After	Interior Girder 3	28.2	0.95	1	1	3.955664
Type 3-3_serv	BOBJ1	7	28.2	After	Interior Girder 4	28.2	0.95	1	1	3.955664
Type 3-3_serv	BOBJ1	7	28.2	After	Interior Girder 5	28.2	0.95	1	1	4.104712
Type 3-3_serv	BOBJ1	7	28.2	After	Interior Girder 6	28.2	0.95	1	1	4.305975
Type 3-3_serv	BOBJ1	7	28.2	After	Right Exterior Girder	28.2	0.95	1	1	5.005854
Type 3-3_serv	BOBJ1	8	37.6	Before	Left Exterior Girder	37.6	0.95	1	1	6.96016
Type 3-3_serv	BOBJ1	8	37.6	Before	Interior Girder 1	37.6	0.95	1	1	6.202343
Type 3-3_serv	BOBJ1	8	37.6	Before	Interior Girder 2	37.6	0.95	1	1	5.81385
Type 3-3_serv	BOBJ1	8	37.6	Before	Interior Girder 3	37.6	0.95	1	1	5.739888
Type 3-3_serv	BOBJ1	8	37.6	Before	Interior Girder 4	37.6	0.95	1	1	5.739888
Type 3-3_serv	BOBJ1	8	37.6	Before	Interior Girder 5	37.6	0.95	1	1	5.81385

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Request	BridgeObj	BridgeCut	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	Unitless	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Type 3-3_serv	BOBJ1	8	37.6	Before	Interior Girder 6	37.6	0.95	1	1	6.202343
Type 3-3_serv	BOBJ1	8	37.6	Before	Right Exterior Girder	37.6	0.95	1	1	6.96016
Type 3-3_serv	BOBJ1	9	37.6	After	Left Exterior Girder	37.6	0.95	1	1	6.806795
Type 3-3_serv	BOBJ1	9	37.6	After	Interior Girder 1	37.6	0.95	1	1	6.315682
Type 3-3_serv	BOBJ1	9	37.6	After	Interior Girder 2	37.6	0.95	1	1	5.802711
Type 3-3_serv	BOBJ1	9	37.6	After	Interior Girder 3	37.6	0.95	1	1	5.648746
Type 3-3_serv	BOBJ1	9	37.6	After	Interior Girder 4	37.6	0.95	1	1	5.648746
Type 3-3_serv	BOBJ1	9	37.6	After	Interior Girder 5	37.6	0.95	1	1	5.802711
Type 3-3_serv	BOBJ1	9	37.6	After	Interior Girder 6	37.6	0.95	1	1	6.315682
Type 3-3_serv	BOBJ1	9	37.6	After	Right Exterior Girder	37.6	0.95	1	1	6.806795
Type 3-3_serv	BOBJ1	10	47.01	Before	Left Exterior Girder	47.01	0.95	1	1	5.255625
Type 3-3_serv	BOBJ1	10	47.01	Before	Interior Girder 1	47.01	0.95	1	1	5.393272
Type 3-3_serv	BOBJ1	10	47.01	Before	Interior Girder 2	47.01	0.95	1	1	5.343847
Type 3-3_serv	BOBJ1	10	47.01	Before	Interior Girder 3	47.01	0.95	1	1	5.23688
Type 3-3_serv	BOBJ1	10	47.01	Before	Interior Girder 4	47.01	0.95	1	1	5.23688
Type 3-3_serv	BOBJ1	10	47.01	Before	Interior Girder 5	47.01	0.95	1	1	5.343847
Type 3-3_serv	BOBJ1	10	47.01	Before	Interior Girder 6	47.01	0.95	1	1	5.393272
Type 3-3_serv	BOBJ1	10	47.01	Before	Right Exterior Girder	47.01	0.95	1	1	5.255625
Type 3-3_serv	BOBJ1	11	47.01	After	Left Exterior Girder	47.01	0.95	1	1	5.368583
Type 3-3_serv	BOBJ1	11	47.01	After	Interior Girder 1	47.01	0.95	1	1	5.303856
Type 3-3_serv	BOBJ1	11	47.01	After	Interior Girder 2	47.01	0.95	1	1	5.277837
Type 3-3_serv	BOBJ1	11	47.01	After	Interior Girder 3	47.01	0.95	1	1	5.216989
Type 3-3_serv	BOBJ1	11	47.01	After	Interior Girder 4	47.01	0.95	1	1	5.216989
Type 3-3_serv	BOBJ1	11	47.01	After	Interior Girder 5	47.01	0.95	1	1	5.277837
Type 3-3_serv	BOBJ1	11	47.01	After	Interior Girder 6	47.01	0.95	1	1	5.303856
Type 3-3_serv	BOBJ1	11	47.01	After	Right Exterior Girder	47.01	0.95	1	1	5.368583
Type 3-3_serv	BOBJ1	12	49.42	Before	Left Exterior Girder	49.42	0.95	1	1	4.581122
Type 3-3_serv	BOBJ1	12	49.42	Before	Right Exterior Girder	49.42	0.95	1	1	4.581122
Type 3-3_serv	BOBJ1	13	49.42	After	Left Exterior Girder	49.42	0.95	1	1	7.919417
Type 3-3_serv	BOBJ1	13	49.42	After	Right Exterior Girder	49.42	0.95	1	1	7.919417
Type 3-3_serv	BOBJ1	14	51.92	Before	Interior Girder 1	51.92	0.95	1	1	4.17585
Type 3-3_serv	BOBJ1	14	51.92	Before	Interior Girder 2	51.92	0.95	1	1	4.152516
Type 3-3_serv	BOBJ1	14	51.92	Before	Interior Girder 3	51.92	0.95	1	1	3.894
Type 3-3_serv	BOBJ1	14	51.92	Before	Interior Girder 4	51.92	0.95	1	1	3.894
Type 3-3_serv	BOBJ1	14	51.92	Before	Interior Girder 5	51.92	0.95	1	1	4.152516
Type 3-3_serv	BOBJ1	14	51.92	Before	Interior Girder 6	51.92	0.95	1	1	4.17585
Type 3-3_serv	BOBJ1	15	51.92	After	Interior Girder 1	51.92	0.95	1	1	5.097563
Type 3-3_serv	BOBJ1	15	51.92	After	Interior Girder 2	51.92	0.95	1	1	4.982275
Type 3-3_serv	BOBJ1	15	51.92	After	Interior Girder 3	51.92	0.95	1	1	4.698185
Type 3-3_serv	BOBJ1	15	51.92	After	Interior Girder 4	51.92	0.95	1	1	4.698185
Type 3-3_serv	BOBJ1	15	51.92	After	Interior Girder 5	51.92	0.95	1	1	4.982275
Type 3-3_serv	BOBJ1	15	51.92	After	Interior Girder 6	51.92	0.95	1	1	5.097563
Type 3-3_serv	BOBJ1	16	56.42	Before	Left Exterior Girder	56.42	0.95	1	1	5.00685
Type 3-3_serv	BOBJ1	16	56.42	Before	Interior Girder 1	56.42	0.95	1	1	3.197643
Type 3-3_serv	BOBJ1	16	56.42	Before	Interior Girder 2	56.42	0.95	1	1	3.115884
Type 3-3_serv	BOBJ1	16	56.42	Before	Interior Girder 3	56.42	0.95	1	1	2.573324
Type 3-3_serv	BOBJ1	16	56.42	Before	Interior Girder 4	56.42	0.95	1	1	2.573324
Type 3-3_serv	BOBJ1	16	56.42	Before	Interior Girder 5	56.42	0.95	1	1	3.115884
Type 3-3_serv	BOBJ1	16	56.42	Before	Interior Girder 6	56.42	0.95	1	1	3.197643
Type 3-3_serv	BOBJ1	16	56.42	Before	Right Exterior Girder	56.42	0.95	1	1	5.00685
Type 3-3_serv	BOBJ1	17	56.42	After	Left Exterior Girder	0	0.95	1	1	5.053619
Type 3-3_serv	BOBJ1	17	56.42	After	Interior Girder 1	0	0.95	1	1	3.200743
Type 3-3_serv	BOBJ1	17	56.42	After	Interior Girder 2	0	0.95	1	1	3.115765
Type 3-3_serv	BOBJ1	17	56.42	After	Interior Girder 3	0	0.95	1	1	2.55118
Type 3-3_serv	BOBJ1	17	56.42	After	Interior Girder 4	0	0.95	1	1	2.55118
Type 3-3_serv	BOBJ1	17	56.42	After	Interior Girder 5	0	0.95	1	1	3.115765
Type 3-3_serv	BOBJ1	17	56.42	After	Interior Girder 6	0	0.95	1	1	3.200743
Type 3-3_serv	BOBJ1	17	56.42	After	Right Exterior Girder	0	0.95	1	1	5.053619
Type 3-3_serv	BOBJ1	18	60.92	Before	Interior Girder 1	4.5	0.95	1	1	6.110299
Type 3-3_serv	BOBJ1	18	60.92	Before	Interior Girder 2	4.5	0.95	1	1	5.700229
Type 3-3_serv	BOBJ1	18	60.92	Before	Interior Girder 3	4.5	0.95	1	1	5.039167
Type 3-3_serv	BOBJ1	18	60.92	Before	Interior Girder 4	4.5	0.95	1	1	5.039167
Type 3-3_serv	BOBJ1	18	60.92	Before	Interior Girder 5	4.5	0.95	1	1	5.700229
Type 3-3_serv	BOBJ1	18	60.92	Before	Interior Girder 6	4.5	0.95	1	1	6.110299
Type 3-3_serv	BOBJ1	19	60.92	After	Interior Girder 1	4.5	0.95	1	1	4.941279
Type 3-3_serv	BOBJ1	19	60.92	After	Interior Girder 2	4.5	0.95	1	1	4.702047
Type 3-3_serv	BOBJ1	19	60.92	After	Interior Girder 3	4.5	0.95	1	1	4.095638
Type 3-3_serv	BOBJ1	19	60.92	After	Interior Girder 4	4.5	0.95	1	1	4.095638
Type 3-3_serv	BOBJ1	19	60.92	After	Interior Girder 5	4.5	0.95	1	1	4.702047
Type 3-3_serv	BOBJ1	19	60.92	After	Interior Girder 6	4.5	0.95	1	1	4.941279
Type 3-3_serv	BOBJ1	20	63.42	Before	Left Exterior Girder	7	0.95	1	1	10.547924
Type 3-3_serv	BOBJ1	20	63.42	Before	Right Exterior Girder	7	0.95	1	1	10.547924
Type 3-3_serv	BOBJ1	21	63.42	After	Left Exterior Girder	7	0.95	1	1	6.071009

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Request	BridgeObj	BridgeCut	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	Unitless	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Type 3-3_serv	BOBJ1	21	63.42	After	Right Exterior Girder	7	0.95	1	1	6.071009
Type 3-3_serv	BOBJ1	22	64.845	Before	Left Exterior Girder	8.425	0.95	1	1	6.659945
Type 3-3_serv	BOBJ1	22	64.845	Before	Interior Girder 1	8.425	0.95	1	1	6.318105
Type 3-3_serv	BOBJ1	22	64.845	Before	Interior Girder 2	8.425	0.95	1	1	6.068977
Type 3-3_serv	BOBJ1	22	64.845	Before	Interior Girder 3	8.425	0.95	1	1	5.850611
Type 3-3_serv	BOBJ1	22	64.845	Before	Interior Girder 4	8.425	0.95	1	1	5.850611
Type 3-3_serv	BOBJ1	22	64.845	Before	Interior Girder 5	8.425	0.95	1	1	6.068977
Type 3-3_serv	BOBJ1	22	64.845	Before	Interior Girder 6	8.425	0.95	1	1	6.318105
Type 3-3_serv	BOBJ1	22	64.845	Before	Right Exterior Girder	8.425	0.95	1	1	6.659945
Type 3-3_serv	BOBJ1	23	64.845	After	Left Exterior Girder	8.425	0.95	1	1	6.588344
Type 3-3_serv	BOBJ1	23	64.845	After	Interior Girder 1	8.425	0.95	1	1	6.393897
Type 3-3_serv	BOBJ1	23	64.845	After	Interior Girder 2	8.425	0.95	1	1	6.134529
Type 3-3_serv	BOBJ1	23	64.845	After	Interior Girder 3	8.425	0.95	1	1	5.889415
Type 3-3_serv	BOBJ1	23	64.845	After	Interior Girder 4	8.425	0.95	1	1	5.889415
Type 3-3_serv	BOBJ1	23	64.845	After	Interior Girder 5	8.425	0.95	1	1	6.134529
Type 3-3_serv	BOBJ1	23	64.845	After	Interior Girder 6	8.425	0.95	1	1	6.393897
Type 3-3_serv	BOBJ1	23	64.845	After	Right Exterior Girder	8.425	0.95	1	1	6.588344
Type 3-3_serv	BOBJ1	24	69.92	Before	Left Exterior Girder	13.5	0.95	1	1	8.697555
Type 3-3_serv	BOBJ1	24	69.92	Before	Interior Girder 1	13.5	0.95	1	1	8.014774
Type 3-3_serv	BOBJ1	24	69.92	Before	Interior Girder 2	13.5	0.95	1	1	7.779579
Type 3-3_serv	BOBJ1	24	69.92	Before	Interior Girder 3	13.5	0.95	1	1	8.076164
Type 3-3_serv	BOBJ1	24	69.92	Before	Interior Girder 4	13.5	0.95	1	1	8.076164
Type 3-3_serv	BOBJ1	24	69.92	Before	Interior Girder 5	13.5	0.95	1	1	7.779579
Type 3-3_serv	BOBJ1	24	69.92	Before	Interior Girder 6	13.5	0.95	1	1	8.014774
Type 3-3_serv	BOBJ1	24	69.92	Before	Right Exterior Girder	13.5	0.95	1	1	8.697555
Type 3-3_serv	BOBJ1	25	69.92	After	Left Exterior Girder	13.5	0.95	1	1	7.466257
Type 3-3_serv	BOBJ1	25	69.92	After	Interior Girder 1	13.5	0.95	1	1	7.489482
Type 3-3_serv	BOBJ1	25	69.92	After	Interior Girder 2	13.5	0.95	1	1	7.30284
Type 3-3_serv	BOBJ1	25	69.92	After	Interior Girder 3	13.5	0.95	1	1	7.541589
Type 3-3_serv	BOBJ1	25	69.92	After	Interior Girder 4	13.5	0.95	1	1	7.541589
Type 3-3_serv	BOBJ1	25	69.92	After	Interior Girder 5	13.5	0.95	1	1	7.30284
Type 3-3_serv	BOBJ1	25	69.92	After	Interior Girder 6	13.5	0.95	1	1	7.489482
Type 3-3_serv	BOBJ1	25	69.92	After	Right Exterior Girder	13.5	0.95	1	1	7.466257
Type 3-3_serv	BOBJ1	26	73.27	Before	Left Exterior Girder	16.85	0.95	1	1	8.266209
Type 3-3_serv	BOBJ1	26	73.27	Before	Interior Girder 1	16.85	0.95	1	1	7.594161
Type 3-3_serv	BOBJ1	26	73.27	Before	Interior Girder 2	16.85	0.95	1	1	6.925935
Type 3-3_serv	BOBJ1	26	73.27	Before	Interior Girder 3	16.85	0.95	1	1	6.814294
Type 3-3_serv	BOBJ1	26	73.27	Before	Interior Girder 4	16.85	0.95	1	1	6.814294
Type 3-3_serv	BOBJ1	26	73.27	Before	Interior Girder 5	16.85	0.95	1	1	6.925935
Type 3-3_serv	BOBJ1	26	73.27	Before	Interior Girder 6	16.85	0.95	1	1	7.594161
Type 3-3_serv	BOBJ1	26	73.27	Before	Right Exterior Girder	16.85	0.95	1	1	8.266209
Type 3-3_serv	BOBJ1	27	73.27	After	Left Exterior Girder	16.85	0.95	1	1	8.48293
Type 3-3_serv	BOBJ1	27	73.27	After	Interior Girder 1	16.85	0.95	1	1	7.428798
Type 3-3_serv	BOBJ1	27	73.27	After	Interior Girder 2	16.85	0.95	1	1	6.88299
Type 3-3_serv	BOBJ1	27	73.27	After	Interior Girder 3	16.85	0.95	1	1	6.859007
Type 3-3_serv	BOBJ1	27	73.27	After	Interior Girder 4	16.85	0.95	1	1	6.859007
Type 3-3_serv	BOBJ1	27	73.27	After	Interior Girder 5	16.85	0.95	1	1	6.88299
Type 3-3_serv	BOBJ1	27	73.27	After	Interior Girder 6	16.85	0.95	1	1	7.428798
Type 3-3_serv	BOBJ1	27	73.27	After	Right Exterior Girder	16.85	0.95	1	1	8.48293
Type 3-3_serv	BOBJ1	28	81.695	Before	Left Exterior Girder	25.275	0.95	1	1	5.043685
Type 3-3_serv	BOBJ1	28	81.695	Before	Interior Girder 1	25.275	0.95	1	1	4.515898
Type 3-3_serv	BOBJ1	28	81.695	Before	Interior Girder 2	25.275	0.95	1	1	4.331849
Type 3-3_serv	BOBJ1	28	81.695	Before	Interior Girder 3	25.275	0.95	1	1	4.161823
Type 3-3_serv	BOBJ1	28	81.695	Before	Interior Girder 4	25.275	0.95	1	1	4.161823
Type 3-3_serv	BOBJ1	28	81.695	Before	Interior Girder 5	25.275	0.95	1	1	4.331849
Type 3-3_serv	BOBJ1	28	81.695	Before	Interior Girder 6	25.275	0.95	1	1	4.515898
Type 3-3_serv	BOBJ1	28	81.695	Before	Right Exterior Girder	25.275	0.95	1	1	5.043685
Type 3-3_serv	BOBJ1	29	81.695	After	Left Exterior Girder	25.275	0.95	1	1	5.142439
Type 3-3_serv	BOBJ1	29	81.695	After	Interior Girder 1	25.275	0.95	1	1	4.472302
Type 3-3_serv	BOBJ1	29	81.695	After	Interior Girder 2	25.275	0.95	1	1	4.331876
Type 3-3_serv	BOBJ1	29	81.695	After	Interior Girder 3	25.275	0.95	1	1	4.206622
Type 3-3_serv	BOBJ1	29	81.695	After	Interior Girder 4	25.275	0.95	1	1	4.206622
Type 3-3_serv	BOBJ1	29	81.695	After	Interior Girder 5	25.275	0.95	1	1	4.331876
Type 3-3_serv	BOBJ1	29	81.695	After	Interior Girder 6	25.275	0.95	1	1	4.472302
Type 3-3_serv	BOBJ1	29	81.695	After	Right Exterior Girder	25.275	0.95	1	1	5.142439
Type 3-3_serv	BOBJ1	30	90.12	Before	Left Exterior Girder	33.7	0.95	1	1	4.08899
Type 3-3_serv	BOBJ1	30	90.12	Before	Interior Girder 1	33.7	0.95	1	1	4.2661
Type 3-3_serv	BOBJ1	30	90.12	Before	Interior Girder 2	33.7	0.95	1	1	4.201491
Type 3-3_serv	BOBJ1	30	90.12	Before	Interior Girder 3	33.7	0.95	1	1	4.11302
Type 3-3_serv	BOBJ1	30	90.12	Before	Interior Girder 4	33.7	0.95	1	1	4.11302
Type 3-3_serv	BOBJ1	30	90.12	Before	Interior Girder 5	33.7	0.95	1	1	4.201491
Type 3-3_serv	BOBJ1	30	90.12	Before	Interior Girder 6	33.7	0.95	1	1	4.2661
Type 3-3_serv	BOBJ1	30	90.12	Before	Right Exterior Girder	33.7	0.95	1	1	4.08899

TABLE: Bridge Super Rating AASHTORATE18 31 - SteelICompServ-Flx - Approach, Span 7-11										
Request	BridgeObj	BridgeCut	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	Unitless	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Type 3-3_serv	BOBJ1	31	90.12	After	Left Exterior Girder	33.7	0.95	1	1	4.095018
Type 3-3_serv	BOBJ1	31	90.12	After	Interior Girder 1	33.7	0.95	1	1	4.26574
Type 3-3_serv	BOBJ1	31	90.12	After	Interior Girder 2	33.7	0.95	1	1	4.199604
Type 3-3_serv	BOBJ1	31	90.12	After	Interior Girder 3	33.7	0.95	1	1	4.112281
Type 3-3_serv	BOBJ1	31	90.12	After	Interior Girder 4	33.7	0.95	1	1	4.112281
Type 3-3_serv	BOBJ1	31	90.12	After	Interior Girder 5	33.7	0.95	1	1	4.199604
Type 3-3_serv	BOBJ1	31	90.12	After	Interior Girder 6	33.7	0.95	1	1	4.26574
Type 3-3_serv	BOBJ1	31	90.12	After	Right Exterior Girder	33.7	0.95	1	1	4.095018
Type 3-3_serv	BOBJ1	32	98.545	Before	Left Exterior Girder	42.125	0.95	1	1	5.006693
Type 3-3_serv	BOBJ1	32	98.545	Before	Interior Girder 1	42.125	0.95	1	1	4.422774
Type 3-3_serv	BOBJ1	32	98.545	Before	Interior Girder 2	42.125	0.95	1	1	4.300576
Type 3-3_serv	BOBJ1	32	98.545	Before	Interior Girder 3	42.125	0.95	1	1	4.18359
Type 3-3_serv	BOBJ1	32	98.545	Before	Interior Girder 4	42.125	0.95	1	1	4.18359
Type 3-3_serv	BOBJ1	32	98.545	Before	Interior Girder 5	42.125	0.95	1	1	4.300576
Type 3-3_serv	BOBJ1	32	98.545	Before	Interior Girder 6	42.125	0.95	1	1	4.422774
Type 3-3_serv	BOBJ1	32	98.545	Before	Right Exterior Girder	42.125	0.95	1	1	5.006693
Type 3-3_serv	BOBJ1	33	98.545	After	Left Exterior Girder	42.125	0.95	1	1	4.924081
Type 3-3_serv	BOBJ1	33	98.545	After	Interior Girder 1	42.125	0.95	1	1	4.461924
Type 3-3_serv	BOBJ1	33	98.545	After	Interior Girder 2	42.125	0.95	1	1	4.298759
Type 3-3_serv	BOBJ1	33	98.545	After	Interior Girder 3	42.125	0.95	1	1	4.140414
Type 3-3_serv	BOBJ1	33	98.545	After	Interior Girder 4	42.125	0.95	1	1	4.140414
Type 3-3_serv	BOBJ1	33	98.545	After	Interior Girder 5	42.125	0.95	1	1	4.298759
Type 3-3_serv	BOBJ1	33	98.545	After	Interior Girder 6	42.125	0.95	1	1	4.461924
Type 3-3_serv	BOBJ1	33	98.545	After	Right Exterior Girder	42.125	0.95	1	1	4.924081
Type 3-3_serv	BOBJ1	34	106.97	Before	Left Exterior Girder	50.55	0.95	1	1	7.241662
Type 3-3_serv	BOBJ1	34	106.97	Before	Interior Girder 1	50.55	0.95	1	1	7.087745
Type 3-3_serv	BOBJ1	34	106.97	Before	Interior Girder 2	50.55	0.95	1	1	6.664983
Type 3-3_serv	BOBJ1	34	106.97	Before	Interior Girder 3	50.55	0.95	1	1	6.639058
Type 3-3_serv	BOBJ1	34	106.97	Before	Interior Girder 4	50.55	0.95	1	1	6.639058
Type 3-3_serv	BOBJ1	34	106.97	Before	Interior Girder 5	50.55	0.95	1	1	6.664983
Type 3-3_serv	BOBJ1	34	106.97	Before	Interior Girder 6	50.55	0.95	1	1	7.087745
Type 3-3_serv	BOBJ1	34	106.97	Before	Right Exterior Girder	50.55	0.95	1	1	7.241662
Type 3-3_serv	BOBJ1	35	106.97	After	Left Exterior Girder	50.55	0.95	1	1	7.316579
Type 3-3_serv	BOBJ1	35	106.97	After	Interior Girder 1	50.55	0.95	1	1	7.05947
Type 3-3_serv	BOBJ1	35	106.97	After	Interior Girder 2	50.55	0.95	1	1	6.665618
Type 3-3_serv	BOBJ1	35	106.97	After	Interior Girder 3	50.55	0.95	1	1	6.506393
Type 3-3_serv	BOBJ1	35	106.97	After	Interior Girder 4	50.55	0.95	1	1	6.506393
Type 3-3_serv	BOBJ1	35	106.97	After	Interior Girder 5	50.55	0.95	1	1	6.665618
Type 3-3_serv	BOBJ1	35	106.97	After	Interior Girder 6	50.55	0.95	1	1	7.05947
Type 3-3_serv	BOBJ1	35	106.97	After	Right Exterior Girder	50.55	0.95	1	1	7.316579
Type 3-3_serv	BOBJ1	36	115.405	Before	Left Exterior Girder	58.985	0.95	1	1	4.554917
Type 3-3_serv	BOBJ1	36	115.405	Before	Interior Girder 1	58.985	0.95	1	1	4.946764
Type 3-3_serv	BOBJ1	36	115.405	Before	Interior Girder 2	58.985	0.95	1	1	4.910333
Type 3-3_serv	BOBJ1	36	115.405	Before	Interior Girder 3	58.985	0.95	1	1	4.772911
Type 3-3_serv	BOBJ1	36	115.405	Before	Interior Girder 4	58.985	0.95	1	1	4.772911
Type 3-3_serv	BOBJ1	36	115.405	Before	Interior Girder 5	58.985	0.95	1	1	4.910333
Type 3-3_serv	BOBJ1	36	115.405	Before	Interior Girder 6	58.985	0.95	1	1	4.946764
Type 3-3_serv	BOBJ1	36	115.405	Before	Right Exterior Girder	58.985	0.95	1	1	4.554917
Type 3-3_serv	BOBJ1	37	115.405	After	Left Exterior Girder	58.985	0.95	1	1	4.667515
Type 3-3_serv	BOBJ1	37	115.405	After	Interior Girder 1	58.985	0.95	1	1	4.854246
Type 3-3_serv	BOBJ1	37	115.405	After	Interior Girder 2	58.985	0.95	1	1	4.860727
Type 3-3_serv	BOBJ1	37	115.405	After	Interior Girder 3	58.985	0.95	1	1	4.760191
Type 3-3_serv	BOBJ1	37	115.405	After	Interior Girder 4	58.985	0.95	1	1	4.760191
Type 3-3_serv	BOBJ1	37	115.405	After	Interior Girder 5	58.985	0.95	1	1	4.860727
Type 3-3_serv	BOBJ1	37	115.405	After	Interior Girder 6	58.985	0.95	1	1	4.854246
Type 3-3_serv	BOBJ1	37	115.405	After	Right Exterior Girder	58.985	0.95	1	1	4.667515
Type 3-3_serv	BOBJ1	38	116.34	Before	Left Exterior Girder	59.92	0.95	1	1	4.329683
Type 3-3_serv	BOBJ1	38	116.34	Before	Right Exterior Girder	59.92	0.95	1	1	4.329683
Type 3-3_serv	BOBJ1	39	116.34	After	Left Exterior Girder	59.92	0.95	1	1	8.597999
Type 3-3_serv	BOBJ1	39	116.34	After	Right Exterior Girder	59.92	0.95	1	1	8.597999
Type 3-3_serv	BOBJ1	40	118.84	Before	Interior Girder 1	62.42	0.95	1	1	4.090861
Type 3-3_serv	BOBJ1	40	118.84	Before	Interior Girder 2	62.42	0.95	1	1	4.086645
Type 3-3_serv	BOBJ1	40	118.84	Before	Interior Girder 3	62.42	0.95	1	1	3.825058
Type 3-3_serv	BOBJ1	40	118.84	Before	Interior Girder 4	62.42	0.95	1	1	3.825058
Type 3-3_serv	BOBJ1	40	118.84	Before	Interior Girder 5	62.42	0.95	1	1	4.086645
Type 3-3_serv	BOBJ1	40	118.84	Before	Interior Girder 6	62.42	0.95	1	1	4.090861
Type 3-3_serv	BOBJ1	41	118.84	After	Interior Girder 1	62.42	0.95	1	1	5.689201
Type 3-3_serv	BOBJ1	41	118.84	After	Interior Girder 2	62.42	0.95	1	1	5.570743
Type 3-3_serv	BOBJ1	41	118.84	After	Interior Girder 3	62.42	0.95	1	1	5.258395
Type 3-3_serv	BOBJ1	41	118.84	After	Interior Girder 4	62.42	0.95	1	1	5.258395
Type 3-3_serv	BOBJ1	41	118.84	After	Interior Girder 5	62.42	0.95	1	1	5.570743
Type 3-3_serv	BOBJ1	41	118.84	After	Interior Girder 6	62.42	0.95	1	1	5.689201
Type 3-3_serv	BOBJ1	42	123.84	Before	Left Exterior Girder	67.42	0.95	1	1	4.99846

TABLE: Bridge Super Rating AASHTORATE18 31 - SteelICompServ-Flx - Approach, Span 7-11										
Request	BridgeObj	BridgeCut	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	Unitless	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Type 3-3_serv	BOBJ1	42	123.84	Before	Interior Girder 1	67.42	0.95	1	1	3.369673
Type 3-3_serv	BOBJ1	42	123.84	Before	Interior Girder 2	67.42	0.95	1	1	3.307811
Type 3-3_serv	BOBJ1	42	123.84	Before	Interior Girder 3	67.42	0.95	1	1	2.731713
Type 3-3_serv	BOBJ1	42	123.84	Before	Interior Girder 4	67.42	0.95	1	1	2.731713
Type 3-3_serv	BOBJ1	42	123.84	Before	Interior Girder 5	67.42	0.95	1	1	3.307811
Type 3-3_serv	BOBJ1	42	123.84	Before	Interior Girder 6	67.42	0.95	1	1	3.369673
Type 3-3_serv	BOBJ1	42	123.84	Before	Right Exterior Girder	67.42	0.95	1	1	4.99846
Type 3-3_serv	BOBJ1	43	123.84	After	Left Exterior Girder	0	0.95	1	1	5.012627
Type 3-3_serv	BOBJ1	43	123.84	After	Interior Girder 1	0	0.95	1	1	3.38106
Type 3-3_serv	BOBJ1	43	123.84	After	Interior Girder 2	0	0.95	1	1	3.307582
Type 3-3_serv	BOBJ1	43	123.84	After	Interior Girder 3	0	0.95	1	1	2.723983
Type 3-3_serv	BOBJ1	43	123.84	After	Interior Girder 4	0	0.95	1	1	2.723983
Type 3-3_serv	BOBJ1	43	123.84	After	Interior Girder 5	0	0.95	1	1	3.307582
Type 3-3_serv	BOBJ1	43	123.84	After	Interior Girder 6	0	0.95	1	1	3.38106
Type 3-3_serv	BOBJ1	43	123.84	After	Right Exterior Girder	0	0.95	1	1	5.012627
Type 3-3_serv	BOBJ1	44	128.84	Before	Interior Girder 1	5	0.95	1	1	5.824322
Type 3-3_serv	BOBJ1	44	128.84	Before	Interior Girder 2	5	0.95	1	1	5.679628
Type 3-3_serv	BOBJ1	44	128.84	Before	Interior Girder 3	5	0.95	1	1	5.333476
Type 3-3_serv	BOBJ1	44	128.84	Before	Interior Girder 4	5	0.95	1	1	5.333476
Type 3-3_serv	BOBJ1	44	128.84	Before	Interior Girder 5	5	0.95	1	1	5.679628
Type 3-3_serv	BOBJ1	44	128.84	Before	Interior Girder 6	5	0.95	1	1	5.824322
Type 3-3_serv	BOBJ1	45	128.84	After	Interior Girder 1	5	0.95	1	1	4.189994
Type 3-3_serv	BOBJ1	45	128.84	After	Interior Girder 2	5	0.95	1	1	4.169277
Type 3-3_serv	BOBJ1	45	128.84	After	Interior Girder 3	5	0.95	1	1	3.883082
Type 3-3_serv	BOBJ1	45	128.84	After	Interior Girder 4	5	0.95	1	1	3.883082
Type 3-3_serv	BOBJ1	45	128.84	After	Interior Girder 5	5	0.95	1	1	4.169277
Type 3-3_serv	BOBJ1	45	128.84	After	Interior Girder 6	5	0.95	1	1	4.189994
Type 3-3_serv	BOBJ1	46	131.34	Before	Left Exterior Girder	7.5	0.95	1	1	8.861404
Type 3-3_serv	BOBJ1	46	131.34	Before	Right Exterior Girder	7.5	0.95	1	1	8.861404
Type 3-3_serv	BOBJ1	47	131.34	After	Left Exterior Girder	7.5	0.95	1	1	4.465623
Type 3-3_serv	BOBJ1	47	131.34	After	Right Exterior Girder	7.5	0.95	1	1	4.465623
Type 3-3_serv	BOBJ1	48	132.265	Before	Left Exterior Girder	8.425	0.95	1	1	4.791951
Type 3-3_serv	BOBJ1	48	132.265	Before	Interior Girder 1	8.425	0.95	1	1	4.9734
Type 3-3_serv	BOBJ1	48	132.265	Before	Interior Girder 2	8.425	0.95	1	1	4.957099
Type 3-3_serv	BOBJ1	48	132.265	Before	Interior Girder 3	8.425	0.95	1	1	4.844363
Type 3-3_serv	BOBJ1	48	132.265	Before	Interior Girder 4	8.425	0.95	1	1	4.844363
Type 3-3_serv	BOBJ1	48	132.265	Before	Interior Girder 5	8.425	0.95	1	1	4.957099
Type 3-3_serv	BOBJ1	48	132.265	Before	Interior Girder 6	8.425	0.95	1	1	4.9734
Type 3-3_serv	BOBJ1	48	132.265	Before	Right Exterior Girder	8.425	0.95	1	1	4.791951
Type 3-3_serv	BOBJ1	49	132.265	After	Left Exterior Girder	8.425	0.95	1	1	4.676612
Type 3-3_serv	BOBJ1	49	132.265	After	Interior Girder 1	8.425	0.95	1	1	5.067766
Type 3-3_serv	BOBJ1	49	132.265	After	Interior Girder 2	8.425	0.95	1	1	5.008279
Type 3-3_serv	BOBJ1	49	132.265	After	Interior Girder 3	8.425	0.95	1	1	4.859592
Type 3-3_serv	BOBJ1	49	132.265	After	Interior Girder 4	8.425	0.95	1	1	4.859592
Type 3-3_serv	BOBJ1	49	132.265	After	Interior Girder 5	8.425	0.95	1	1	5.008279
Type 3-3_serv	BOBJ1	49	132.265	After	Interior Girder 6	8.425	0.95	1	1	5.067766
Type 3-3_serv	BOBJ1	49	132.265	After	Right Exterior Girder	8.425	0.95	1	1	4.676612
Type 3-3_serv	BOBJ1	50	140.69	Before	Left Exterior Girder	16.85	0.95	1	1	7.496928
Type 3-3_serv	BOBJ1	50	140.69	Before	Interior Girder 1	16.85	0.95	1	1	7.218142
Type 3-3_serv	BOBJ1	50	140.69	Before	Interior Girder 2	16.85	0.95	1	1	6.693172
Type 3-3_serv	BOBJ1	50	140.69	Before	Interior Girder 3	16.85	0.95	1	1	6.543264
Type 3-3_serv	BOBJ1	50	140.69	Before	Interior Girder 4	16.85	0.95	1	1	6.543264
Type 3-3_serv	BOBJ1	50	140.69	Before	Interior Girder 5	16.85	0.95	1	1	6.693172
Type 3-3_serv	BOBJ1	50	140.69	Before	Interior Girder 6	16.85	0.95	1	1	7.218142
Type 3-3_serv	BOBJ1	50	140.69	Before	Right Exterior Girder	16.85	0.95	1	1	7.496928
Type 3-3_serv	BOBJ1	51	140.69	After	Left Exterior Girder	16.85	0.95	1	1	7.424315
Type 3-3_serv	BOBJ1	51	140.69	After	Interior Girder 1	16.85	0.95	1	1	7.120809
Type 3-3_serv	BOBJ1	51	140.69	After	Interior Girder 2	16.85	0.95	1	1	6.690814
Type 3-3_serv	BOBJ1	51	140.69	After	Interior Girder 3	16.85	0.95	1	1	6.675462
Type 3-3_serv	BOBJ1	51	140.69	After	Interior Girder 4	16.85	0.95	1	1	6.675462
Type 3-3_serv	BOBJ1	51	140.69	After	Interior Girder 5	16.85	0.95	1	1	6.690814
Type 3-3_serv	BOBJ1	51	140.69	After	Interior Girder 6	16.85	0.95	1	1	7.120809
Type 3-3_serv	BOBJ1	51	140.69	After	Right Exterior Girder	16.85	0.95	1	1	7.424315
Type 3-3_serv	BOBJ1	52	149.115	Before	Left Exterior Girder	25.275	0.95	1	1	4.902032
Type 3-3_serv	BOBJ1	52	149.115	Before	Interior Girder 1	25.275	0.95	1	1	4.42748
Type 3-3_serv	BOBJ1	52	149.115	Before	Interior Girder 2	25.275	0.95	1	1	4.27791
Type 3-3_serv	BOBJ1	52	149.115	Before	Interior Girder 3	25.275	0.95	1	1	4.133822
Type 3-3_serv	BOBJ1	52	149.115	Before	Interior Girder 4	25.275	0.95	1	1	4.133822
Type 3-3_serv	BOBJ1	52	149.115	Before	Interior Girder 5	25.275	0.95	1	1	4.27791
Type 3-3_serv	BOBJ1	52	149.115	Before	Interior Girder 6	25.275	0.95	1	1	4.42748
Type 3-3_serv	BOBJ1	52	149.115	Before	Right Exterior Girder	25.275	0.95	1	1	4.902032
Type 3-3_serv	BOBJ1	53	149.115	After	Left Exterior Girder	25.275	0.95	1	1	4.98774
Type 3-3_serv	BOBJ1	53	149.115	After	Interior Girder 1	25.275	0.95	1	1	4.389853

TABLE: Bridge Super Rating AASHTORATE18 31 - SteelICompServ-Flx - Approach, Span 7-11										
Request	BridgeObj	BridgeCut	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	Unitless	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Type 3-3_serv	BOBJ1	53	149.115	After	Interior Girder 2	25.275	0.95	1	1	4.278009
Type 3-3_serv	BOBJ1	53	149.115	After	Interior Girder 3	25.275	0.95	1	1	4.175443
Type 3-3_serv	BOBJ1	53	149.115	After	Interior Girder 4	25.275	0.95	1	1	4.175443
Type 3-3_serv	BOBJ1	53	149.115	After	Interior Girder 5	25.275	0.95	1	1	4.278009
Type 3-3_serv	BOBJ1	53	149.115	After	Interior Girder 6	25.275	0.95	1	1	4.389853
Type 3-3_serv	BOBJ1	53	149.115	After	Right Exterior Girder	25.275	0.95	1	1	4.98774
Type 3-3_serv	BOBJ1	54	157.54	Before	Left Exterior Girder	33.7	0.95	1	1	4.030129
Type 3-3_serv	BOBJ1	54	157.54	Before	Interior Girder 1	33.7	0.95	1	1	4.194101
Type 3-3_serv	BOBJ1	54	157.54	Before	Interior Girder 2	33.7	0.95	1	1	4.157441
Type 3-3_serv	BOBJ1	54	157.54	Before	Interior Girder 3	33.7	0.95	1	1	4.086542
Type 3-3_serv	BOBJ1	54	157.54	Before	Interior Girder 4	33.7	0.95	1	1	4.086542
Type 3-3_serv	BOBJ1	54	157.54	Before	Interior Girder 5	33.7	0.95	1	1	4.157441
Type 3-3_serv	BOBJ1	54	157.54	Before	Interior Girder 6	33.7	0.95	1	1	4.194101
Type 3-3_serv	BOBJ1	54	157.54	Before	Right Exterior Girder	33.7	0.95	1	1	4.030129
Type 3-3_serv	BOBJ1	55	157.54	After	Left Exterior Girder	33.7	0.95	1	1	4.030431
Type 3-3_serv	BOBJ1	55	157.54	After	Interior Girder 1	33.7	0.95	1	1	4.193966
Type 3-3_serv	BOBJ1	55	157.54	After	Interior Girder 2	33.7	0.95	1	1	4.157554
Type 3-3_serv	BOBJ1	55	157.54	After	Interior Girder 3	33.7	0.95	1	1	4.086506
Type 3-3_serv	BOBJ1	55	157.54	After	Interior Girder 4	33.7	0.95	1	1	4.086506
Type 3-3_serv	BOBJ1	55	157.54	After	Interior Girder 5	33.7	0.95	1	1	4.157554
Type 3-3_serv	BOBJ1	55	157.54	After	Interior Girder 6	33.7	0.95	1	1	4.193966
Type 3-3_serv	BOBJ1	55	157.54	After	Right Exterior Girder	33.7	0.95	1	1	4.030431
Type 3-3_serv	BOBJ1	56	165.965	Before	Left Exterior Girder	42.125	0.95	1	1	4.984056
Type 3-3_serv	BOBJ1	56	165.965	Before	Interior Girder 1	42.125	0.95	1	1	4.388456
Type 3-3_serv	BOBJ1	56	165.965	Before	Interior Girder 2	42.125	0.95	1	1	4.276569
Type 3-3_serv	BOBJ1	56	165.965	Before	Interior Girder 3	42.125	0.95	1	1	4.173597
Type 3-3_serv	BOBJ1	56	165.965	Before	Interior Girder 4	42.125	0.95	1	1	4.173597
Type 3-3_serv	BOBJ1	56	165.965	Before	Interior Girder 5	42.125	0.95	1	1	4.276569
Type 3-3_serv	BOBJ1	56	165.965	Before	Interior Girder 6	42.125	0.95	1	1	4.388456
Type 3-3_serv	BOBJ1	56	165.965	Before	Right Exterior Girder	42.125	0.95	1	1	4.984056
Type 3-3_serv	BOBJ1	57	165.965	After	Left Exterior Girder	42.125	0.95	1	1	4.899022
Type 3-3_serv	BOBJ1	57	165.965	After	Interior Girder 1	42.125	0.95	1	1	4.425891
Type 3-3_serv	BOBJ1	57	165.965	After	Interior Girder 2	42.125	0.95	1	1	4.276336
Type 3-3_serv	BOBJ1	57	165.965	After	Interior Girder 3	42.125	0.95	1	1	4.132214
Type 3-3_serv	BOBJ1	57	165.965	After	Interior Girder 4	42.125	0.95	1	1	4.132214
Type 3-3_serv	BOBJ1	57	165.965	After	Interior Girder 5	42.125	0.95	1	1	4.276336
Type 3-3_serv	BOBJ1	57	165.965	After	Interior Girder 6	42.125	0.95	1	1	4.425891
Type 3-3_serv	BOBJ1	57	165.965	After	Right Exterior Girder	42.125	0.95	1	1	4.899022
Type 3-3_serv	BOBJ1	58	174.39	Before	Left Exterior Girder	50.55	0.95	1	1	7.431908
Type 3-3_serv	BOBJ1	58	174.39	Before	Interior Girder 1	50.55	0.95	1	1	7.11165
Type 3-3_serv	BOBJ1	58	174.39	Before	Interior Girder 2	50.55	0.95	1	1	6.683186
Type 3-3_serv	BOBJ1	58	174.39	Before	Interior Girder 3	50.55	0.95	1	1	6.66646
Type 3-3_serv	BOBJ1	58	174.39	Before	Interior Girder 4	50.55	0.95	1	1	6.66646
Type 3-3_serv	BOBJ1	58	174.39	Before	Interior Girder 5	50.55	0.95	1	1	6.683186
Type 3-3_serv	BOBJ1	58	174.39	Before	Interior Girder 6	50.55	0.95	1	1	7.11165
Type 3-3_serv	BOBJ1	58	174.39	Before	Right Exterior Girder	50.55	0.95	1	1	7.431908
Type 3-3_serv	BOBJ1	59	174.39	After	Left Exterior Girder	50.55	0.95	1	1	7.505318
Type 3-3_serv	BOBJ1	59	174.39	After	Interior Girder 1	50.55	0.95	1	1	7.222127
Type 3-3_serv	BOBJ1	59	174.39	After	Interior Girder 2	50.55	0.95	1	1	6.685638
Type 3-3_serv	BOBJ1	59	174.39	After	Interior Girder 3	50.55	0.95	1	1	6.534586
Type 3-3_serv	BOBJ1	59	174.39	After	Interior Girder 4	50.55	0.95	1	1	6.534586
Type 3-3_serv	BOBJ1	59	174.39	After	Interior Girder 5	50.55	0.95	1	1	6.685638
Type 3-3_serv	BOBJ1	59	174.39	After	Interior Girder 6	50.55	0.95	1	1	7.222127
Type 3-3_serv	BOBJ1	59	174.39	After	Right Exterior Girder	50.55	0.95	1	1	7.505318
Type 3-3_serv	BOBJ1	60	182.825	Before	Left Exterior Girder	58.985	0.95	1	1	4.681599
Type 3-3_serv	BOBJ1	60	182.825	Before	Interior Girder 1	58.985	0.95	1	1	5.065347
Type 3-3_serv	BOBJ1	60	182.825	Before	Interior Girder 2	58.985	0.95	1	1	5.005064
Type 3-3_serv	BOBJ1	60	182.825	Before	Interior Girder 3	58.985	0.95	1	1	4.862358
Type 3-3_serv	BOBJ1	60	182.825	Before	Interior Girder 4	58.985	0.95	1	1	4.862358
Type 3-3_serv	BOBJ1	60	182.825	Before	Interior Girder 5	58.985	0.95	1	1	5.005064
Type 3-3_serv	BOBJ1	60	182.825	Before	Interior Girder 6	58.985	0.95	1	1	5.065347
Type 3-3_serv	BOBJ1	60	182.825	Before	Right Exterior Girder	58.985	0.95	1	1	4.681599
Type 3-3_serv	BOBJ1	61	182.825	After	Left Exterior Girder	58.985	0.95	1	1	4.797313
Type 3-3_serv	BOBJ1	61	182.825	After	Interior Girder 1	58.985	0.95	1	1	4.971206
Type 3-3_serv	BOBJ1	61	182.825	After	Interior Girder 2	58.985	0.95	1	1	4.953723
Type 3-3_serv	BOBJ1	61	182.825	After	Interior Girder 3	58.985	0.95	1	1	4.847576
Type 3-3_serv	BOBJ1	61	182.825	After	Interior Girder 4	58.985	0.95	1	1	4.847576
Type 3-3_serv	BOBJ1	61	182.825	After	Interior Girder 5	58.985	0.95	1	1	4.953723
Type 3-3_serv	BOBJ1	61	182.825	After	Interior Girder 6	58.985	0.95	1	1	4.971206
Type 3-3_serv	BOBJ1	61	182.825	After	Right Exterior Girder	58.985	0.95	1	1	4.797313
Type 3-3_serv	BOBJ1	62	183.76	Before	Left Exterior Girder	59.92	0.95	1	1	4.450548
Type 3-3_serv	BOBJ1	62	183.76	Before	Right Exterior Girder	59.92	0.95	1	1	4.450548
Type 3-3_serv	BOBJ1	63	183.76	After	Left Exterior Girder	59.92	0.95	1	1	8.838208

TABLE: Bridge Super Rating AASHTORATE18 31 - SteelICompServ-Flx - Approach, Span 7-11										
Request	BridgeObj	BridgeCut	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	Unitless	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Type 3-3_serv	BOBJ1	63	183.76	After	Right Exterior Girder	59.92	0.95	1	1	8.838208
Type 3-3_serv	BOBJ1	64	186.26	Before	Interior Girder 1	62.42	0.95	1	1	4.184135
Type 3-3_serv	BOBJ1	64	186.26	Before	Interior Girder 2	62.42	0.95	1	1	4.163428
Type 3-3_serv	BOBJ1	64	186.26	Before	Interior Girder 3	62.42	0.95	1	1	3.883572
Type 3-3_serv	BOBJ1	64	186.26	Before	Interior Girder 4	62.42	0.95	1	1	3.883572
Type 3-3_serv	BOBJ1	64	186.26	Before	Interior Girder 5	62.42	0.95	1	1	4.163428
Type 3-3_serv	BOBJ1	64	186.26	Before	Interior Girder 6	62.42	0.95	1	1	4.184135
Type 3-3_serv	BOBJ1	65	186.26	After	Interior Girder 1	62.42	0.95	1	1	5.817731
Type 3-3_serv	BOBJ1	65	186.26	After	Interior Girder 2	62.42	0.95	1	1	5.672694
Type 3-3_serv	BOBJ1	65	186.26	After	Interior Girder 3	62.42	0.95	1	1	5.335299
Type 3-3_serv	BOBJ1	65	186.26	After	Interior Girder 4	62.42	0.95	1	1	5.335299
Type 3-3_serv	BOBJ1	65	186.26	After	Interior Girder 5	62.42	0.95	1	1	5.672694
Type 3-3_serv	BOBJ1	65	186.26	After	Interior Girder 6	62.42	0.95	1	1	5.817731
Type 3-3_serv	BOBJ1	66	191.26	Before	Left Exterior Girder	67.42	0.95	1	1	5.018946
Type 3-3_serv	BOBJ1	66	191.26	Before	Interior Girder 1	67.42	0.95	1	1	3.374704
Type 3-3_serv	BOBJ1	66	191.26	Before	Interior Girder 2	67.42	0.95	1	1	3.300816
Type 3-3_serv	BOBJ1	66	191.26	Before	Interior Girder 3	67.42	0.95	1	1	2.725002
Type 3-3_serv	BOBJ1	66	191.26	Before	Interior Girder 4	67.42	0.95	1	1	2.725002
Type 3-3_serv	BOBJ1	66	191.26	Before	Interior Girder 5	67.42	0.95	1	1	3.300816
Type 3-3_serv	BOBJ1	66	191.26	Before	Interior Girder 6	67.42	0.95	1	1	3.374704
Type 3-3_serv	BOBJ1	66	191.26	Before	Right Exterior Girder	67.42	0.95	1	1	5.018946
Type 3-3_serv	BOBJ1	67	191.26	After	Left Exterior Girder	0	0.95	1	1	4.987897
Type 3-3_serv	BOBJ1	67	191.26	After	Interior Girder 1	0	0.95	1	1	3.373287
Type 3-3_serv	BOBJ1	67	191.26	After	Interior Girder 2	0	0.95	1	1	3.312685
Type 3-3_serv	BOBJ1	67	191.26	After	Interior Girder 3	0	0.95	1	1	2.729174
Type 3-3_serv	BOBJ1	67	191.26	After	Interior Girder 4	0	0.95	1	1	2.729174
Type 3-3_serv	BOBJ1	67	191.26	After	Interior Girder 5	0	0.95	1	1	3.312685
Type 3-3_serv	BOBJ1	67	191.26	After	Interior Girder 6	0	0.95	1	1	3.373287
Type 3-3_serv	BOBJ1	67	191.26	After	Right Exterior Girder	0	0.95	1	1	4.987897
Type 3-3_serv	BOBJ1	68	196.26	Before	Interior Girder 1	5	0.95	1	1	5.692289
Type 3-3_serv	BOBJ1	68	196.26	Before	Interior Girder 2	5	0.95	1	1	5.5752
Type 3-3_serv	BOBJ1	68	196.26	Before	Interior Girder 3	5	0.95	1	1	5.254669
Type 3-3_serv	BOBJ1	68	196.26	Before	Interior Girder 4	5	0.95	1	1	5.254669
Type 3-3_serv	BOBJ1	68	196.26	Before	Interior Girder 5	5	0.95	1	1	5.5752
Type 3-3_serv	BOBJ1	68	196.26	Before	Interior Girder 6	5	0.95	1	1	5.692289
Type 3-3_serv	BOBJ1	69	196.26	After	Interior Girder 1	5	0.95	1	1	4.093142
Type 3-3_serv	BOBJ1	69	196.26	After	Interior Girder 2	5	0.95	1	1	4.090002
Type 3-3_serv	BOBJ1	69	196.26	After	Interior Girder 3	5	0.95	1	1	3.82263
Type 3-3_serv	BOBJ1	69	196.26	After	Interior Girder 4	5	0.95	1	1	3.82263
Type 3-3_serv	BOBJ1	69	196.26	After	Interior Girder 5	5	0.95	1	1	4.090002
Type 3-3_serv	BOBJ1	69	196.26	After	Interior Girder 6	5	0.95	1	1	4.093142
Type 3-3_serv	BOBJ1	70	198.76	Before	Left Exterior Girder	7.5	0.95	1	1	8.616889
Type 3-3_serv	BOBJ1	70	198.76	Before	Right Exterior Girder	7.5	0.95	1	1	8.616889
Type 3-3_serv	BOBJ1	71	198.76	After	Left Exterior Girder	7.5	0.95	1	1	4.340434
Type 3-3_serv	BOBJ1	71	198.76	After	Right Exterior Girder	7.5	0.95	1	1	4.340434
Type 3-3_serv	BOBJ1	72	199.685	Before	Left Exterior Girder	8.425	0.95	1	1	4.658385
Type 3-3_serv	BOBJ1	72	199.685	Before	Interior Girder 1	8.425	0.95	1	1	4.853532
Type 3-3_serv	BOBJ1	72	199.685	Before	Interior Girder 2	8.425	0.95	1	1	4.861938
Type 3-3_serv	BOBJ1	72	199.685	Before	Interior Girder 3	8.425	0.95	1	1	4.755328
Type 3-3_serv	BOBJ1	72	199.685	Before	Interior Girder 4	8.425	0.95	1	1	4.755328
Type 3-3_serv	BOBJ1	72	199.685	Before	Interior Girder 5	8.425	0.95	1	1	4.861938
Type 3-3_serv	BOBJ1	72	199.685	Before	Interior Girder 6	8.425	0.95	1	1	4.853532
Type 3-3_serv	BOBJ1	72	199.685	Before	Right Exterior Girder	8.425	0.95	1	1	4.658385
Type 3-3_serv	BOBJ1	73	199.685	After	Left Exterior Girder	8.425	0.95	1	1	4.545925
Type 3-3_serv	BOBJ1	73	199.685	After	Interior Girder 1	8.425	0.95	1	1	4.946167
Type 3-3_serv	BOBJ1	73	199.685	After	Interior Girder 2	8.425	0.95	1	1	4.911457
Type 3-3_serv	BOBJ1	73	199.685	After	Interior Girder 3	8.425	0.95	1	1	4.768554
Type 3-3_serv	BOBJ1	73	199.685	After	Interior Girder 4	8.425	0.95	1	1	4.768554
Type 3-3_serv	BOBJ1	73	199.685	After	Interior Girder 5	8.425	0.95	1	1	4.911457
Type 3-3_serv	BOBJ1	73	199.685	After	Interior Girder 6	8.425	0.95	1	1	4.946167
Type 3-3_serv	BOBJ1	73	199.685	After	Right Exterior Girder	8.425	0.95	1	1	4.545925
Type 3-3_serv	BOBJ1	74	208.11	Before	Left Exterior Girder	16.85	0.95	1	1	7.306448
Type 3-3_serv	BOBJ1	74	208.11	Before	Interior Girder 1	16.85	0.95	1	1	7.054243
Type 3-3_serv	BOBJ1	74	208.11	Before	Interior Girder 2	16.85	0.95	1	1	6.67373
Type 3-3_serv	BOBJ1	74	208.11	Before	Interior Girder 3	16.85	0.95	1	1	6.515444
Type 3-3_serv	BOBJ1	74	208.11	Before	Interior Girder 4	16.85	0.95	1	1	6.515444
Type 3-3_serv	BOBJ1	74	208.11	Before	Interior Girder 5	16.85	0.95	1	1	6.67373
Type 3-3_serv	BOBJ1	74	208.11	Before	Interior Girder 6	16.85	0.95	1	1	7.054243
Type 3-3_serv	BOBJ1	74	208.11	Before	Right Exterior Girder	16.85	0.95	1	1	7.306448
Type 3-3_serv	BOBJ1	75	208.11	After	Left Exterior Girder	16.85	0.95	1	1	7.231818
Type 3-3_serv	BOBJ1	75	208.11	After	Interior Girder 1	16.85	0.95	1	1	7.097796
Type 3-3_serv	BOBJ1	75	208.11	After	Interior Girder 2	16.85	0.95	1	1	6.673105
Type 3-3_serv	BOBJ1	75	208.11	After	Interior Girder 3	16.85	0.95	1	1	6.648463

TABLE: Bridge Super Rating AASHTORATE18 31 - SteelICompServ-Flx - Approach, Span 7-11										
Request	BridgeObj	BridgeCut	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	Unitless	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Type 3-3_serv	BOBJ1	75	208.11	After	Interior Girder 4	16.85	0.95	1	1	6.648463
Type 3-3_serv	BOBJ1	75	208.11	After	Interior Girder 5	16.85	0.95	1	1	6.673105
Type 3-3_serv	BOBJ1	75	208.11	After	Interior Girder 6	16.85	0.95	1	1	7.097796
Type 3-3_serv	BOBJ1	75	208.11	After	Right Exterior Girder	16.85	0.95	1	1	7.231818
Type 3-3_serv	BOBJ1	76	216.535	Before	Left Exterior Girder	25.275	0.95	1	1	4.92625
Type 3-3_serv	BOBJ1	76	216.535	Before	Interior Girder 1	25.275	0.95	1	1	4.46272
Type 3-3_serv	BOBJ1	76	216.535	Before	Interior Girder 2	25.275	0.95	1	1	4.299774
Type 3-3_serv	BOBJ1	76	216.535	Before	Interior Girder 3	25.275	0.95	1	1	4.141635
Type 3-3_serv	BOBJ1	76	216.535	Before	Interior Girder 4	25.275	0.95	1	1	4.141635
Type 3-3_serv	BOBJ1	76	216.535	Before	Interior Girder 5	25.275	0.95	1	1	4.299774
Type 3-3_serv	BOBJ1	76	216.535	Before	Interior Girder 6	25.275	0.95	1	1	4.46272
Type 3-3_serv	BOBJ1	76	216.535	Before	Right Exterior Girder	25.275	0.95	1	1	4.92625
Type 3-3_serv	BOBJ1	77	216.535	After	Left Exterior Girder	25.275	0.95	1	1	5.009943
Type 3-3_serv	BOBJ1	77	216.535	After	Interior Girder 1	25.275	0.95	1	1	4.423351
Type 3-3_serv	BOBJ1	77	216.535	After	Interior Girder 2	25.275	0.95	1	1	4.301392
Type 3-3_serv	BOBJ1	77	216.535	After	Interior Girder 3	25.275	0.95	1	1	4.184839
Type 3-3_serv	BOBJ1	77	216.535	After	Interior Girder 4	25.275	0.95	1	1	4.184839
Type 3-3_serv	BOBJ1	77	216.535	After	Interior Girder 5	25.275	0.95	1	1	4.301392
Type 3-3_serv	BOBJ1	77	216.535	After	Interior Girder 6	25.275	0.95	1	1	4.423351
Type 3-3_serv	BOBJ1	77	216.535	After	Right Exterior Girder	25.275	0.95	1	1	5.009943
Type 3-3_serv	BOBJ1	78	224.96	Before	Left Exterior Girder	33.7	0.95	1	1	4.0921
Type 3-3_serv	BOBJ1	78	224.96	Before	Interior Girder 1	33.7	0.95	1	1	4.263729
Type 3-3_serv	BOBJ1	78	224.96	Before	Interior Girder 2	33.7	0.95	1	1	4.197845
Type 3-3_serv	BOBJ1	78	224.96	Before	Interior Girder 3	33.7	0.95	1	1	4.111044
Type 3-3_serv	BOBJ1	78	224.96	Before	Interior Girder 4	33.7	0.95	1	1	4.111044
Type 3-3_serv	BOBJ1	78	224.96	Before	Interior Girder 5	33.7	0.95	1	1	4.197845
Type 3-3_serv	BOBJ1	78	224.96	Before	Interior Girder 6	33.7	0.95	1	1	4.263729
Type 3-3_serv	BOBJ1	78	224.96	Before	Right Exterior Girder	33.7	0.95	1	1	4.0921
Type 3-3_serv	BOBJ1	79	224.96	After	Left Exterior Girder	33.7	0.95	1	1	4.086904
Type 3-3_serv	BOBJ1	79	224.96	After	Interior Girder 1	33.7	0.95	1	1	4.263793
Type 3-3_serv	BOBJ1	79	224.96	After	Interior Girder 2	33.7	0.95	1	1	4.199792
Type 3-3_serv	BOBJ1	79	224.96	After	Interior Girder 3	33.7	0.95	1	1	4.111618
Type 3-3_serv	BOBJ1	79	224.96	After	Interior Girder 4	33.7	0.95	1	1	4.111618
Type 3-3_serv	BOBJ1	79	224.96	After	Interior Girder 5	33.7	0.95	1	1	4.199792
Type 3-3_serv	BOBJ1	79	224.96	After	Interior Girder 6	33.7	0.95	1	1	4.263793
Type 3-3_serv	BOBJ1	79	224.96	After	Right Exterior Girder	33.7	0.95	1	1	4.086904
Type 3-3_serv	BOBJ1	80	233.385	Before	Left Exterior Girder	42.125	0.95	1	1	5.132312
Type 3-3_serv	BOBJ1	80	233.385	Before	Interior Girder 1	42.125	0.95	1	1	4.466734
Type 3-3_serv	BOBJ1	80	233.385	Before	Interior Girder 2	42.125	0.95	1	1	4.327677
Type 3-3_serv	BOBJ1	80	233.385	Before	Interior Girder 3	42.125	0.95	1	1	4.202799
Type 3-3_serv	BOBJ1	80	233.385	Before	Interior Girder 4	42.125	0.95	1	1	4.202799
Type 3-3_serv	BOBJ1	80	233.385	Before	Interior Girder 5	42.125	0.95	1	1	4.327677
Type 3-3_serv	BOBJ1	80	233.385	Before	Interior Girder 6	42.125	0.95	1	1	4.466734
Type 3-3_serv	BOBJ1	80	233.385	Before	Right Exterior Girder	42.125	0.95	1	1	5.132312
Type 3-3_serv	BOBJ1	81	233.385	After	Left Exterior Girder	42.125	0.95	1	1	5.034816
Type 3-3_serv	BOBJ1	81	233.385	After	Interior Girder 1	42.125	0.95	1	1	4.509993
Type 3-3_serv	BOBJ1	81	233.385	After	Interior Girder 2	42.125	0.95	1	1	4.327437
Type 3-3_serv	BOBJ1	81	233.385	After	Interior Girder 3	42.125	0.95	1	1	4.158112
Type 3-3_serv	BOBJ1	81	233.385	After	Interior Girder 4	42.125	0.95	1	1	4.158112
Type 3-3_serv	BOBJ1	81	233.385	After	Interior Girder 5	42.125	0.95	1	1	4.327437
Type 3-3_serv	BOBJ1	81	233.385	After	Interior Girder 6	42.125	0.95	1	1	4.509993
Type 3-3_serv	BOBJ1	81	233.385	After	Right Exterior Girder	42.125	0.95	1	1	5.034816
Type 3-3_serv	BOBJ1	82	241.81	Before	Left Exterior Girder	50.55	0.95	1	1	8.450685
Type 3-3_serv	BOBJ1	82	241.81	Before	Interior Girder 1	50.55	0.95	1	1	7.410965
Type 3-3_serv	BOBJ1	82	241.81	Before	Interior Girder 2	50.55	0.95	1	1	6.8705
Type 3-3_serv	BOBJ1	82	241.81	Before	Interior Girder 3	50.55	0.95	1	1	6.846515
Type 3-3_serv	BOBJ1	82	241.81	Before	Interior Girder 4	50.55	0.95	1	1	6.846515
Type 3-3_serv	BOBJ1	82	241.81	Before	Interior Girder 5	50.55	0.95	1	1	6.8705
Type 3-3_serv	BOBJ1	82	241.81	Before	Interior Girder 6	50.55	0.95	1	1	7.410965
Type 3-3_serv	BOBJ1	82	241.81	Before	Right Exterior Girder	50.55	0.95	1	1	8.450685
Type 3-3_serv	BOBJ1	83	241.81	After	Left Exterior Girder	50.55	0.95	1	1	8.236081
Type 3-3_serv	BOBJ1	83	241.81	After	Interior Girder 1	50.55	0.95	1	1	7.575505
Type 3-3_serv	BOBJ1	83	241.81	After	Interior Girder 2	50.55	0.95	1	1	6.912986
Type 3-3_serv	BOBJ1	83	241.81	After	Interior Girder 3	50.55	0.95	1	1	6.801592
Type 3-3_serv	BOBJ1	83	241.81	After	Interior Girder 4	50.55	0.95	1	1	6.801592
Type 3-3_serv	BOBJ1	83	241.81	After	Interior Girder 5	50.55	0.95	1	1	6.912986
Type 3-3_serv	BOBJ1	83	241.81	After	Interior Girder 6	50.55	0.95	1	1	7.575505
Type 3-3_serv	BOBJ1	83	241.81	After	Right Exterior Girder	50.55	0.95	1	1	8.236081
Type 3-3_serv	BOBJ1	84	245.18	Before	Left Exterior Girder	53.92	0.95	1	1	7.482799
Type 3-3_serv	BOBJ1	84	245.18	Before	Interior Girder 1	53.92	0.95	1	1	7.494754
Type 3-3_serv	BOBJ1	84	245.18	Before	Interior Girder 2	53.92	0.95	1	1	7.302318
Type 3-3_serv	BOBJ1	84	245.18	Before	Interior Girder 3	53.92	0.95	1	1	7.544062
Type 3-3_serv	BOBJ1	84	245.18	Before	Interior Girder 4	53.92	0.95	1	1	7.544062

TABLE: Bridge Super Rating AASHTORATE18 31 - SteelICompServ-Flx - Approach, Span 7-11										
Request	BridgeObj	BridgeCut	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	Unitless	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Type 3-3_serv	BOBJ1	84	245.18	Before	Interior Girder 5	53.92	0.95	1	1	7.302318
Type 3-3_serv	BOBJ1	84	245.18	Before	Interior Girder 6	53.92	0.95	1	1	7.494754
Type 3-3_serv	BOBJ1	84	245.18	Before	Right Exterior Girder	53.92	0.95	1	1	7.482799
Type 3-3_serv	BOBJ1	85	245.18	After	Left Exterior Girder	53.92	0.95	1	1	8.714643
Type 3-3_serv	BOBJ1	85	245.18	After	Interior Girder 1	53.92	0.95	1	1	8.019696
Type 3-3_serv	BOBJ1	85	245.18	After	Interior Girder 2	53.92	0.95	1	1	7.778798
Type 3-3_serv	BOBJ1	85	245.18	After	Interior Girder 3	53.92	0.95	1	1	8.079049
Type 3-3_serv	BOBJ1	85	245.18	After	Interior Girder 4	53.92	0.95	1	1	8.079049
Type 3-3_serv	BOBJ1	85	245.18	After	Interior Girder 5	53.92	0.95	1	1	7.778798
Type 3-3_serv	BOBJ1	85	245.18	After	Interior Girder 6	53.92	0.95	1	1	8.019696
Type 3-3_serv	BOBJ1	85	245.18	After	Right Exterior Girder	53.92	0.95	1	1	8.714643
Type 3-3_serv	BOBJ1	86	250.245	Before	Left Exterior Girder	58.985	0.95	1	1	6.61161
Type 3-3_serv	BOBJ1	86	250.245	Before	Interior Girder 1	58.985	0.95	1	1	6.400002
Type 3-3_serv	BOBJ1	86	250.245	Before	Interior Girder 2	58.985	0.95	1	1	6.13573
Type 3-3_serv	BOBJ1	86	250.245	Before	Interior Girder 3	58.985	0.95	1	1	5.896739
Type 3-3_serv	BOBJ1	86	250.245	Before	Interior Girder 4	58.985	0.95	1	1	5.896739
Type 3-3_serv	BOBJ1	86	250.245	Before	Interior Girder 5	58.985	0.95	1	1	6.13573
Type 3-3_serv	BOBJ1	86	250.245	Before	Interior Girder 6	58.985	0.95	1	1	6.400002
Type 3-3_serv	BOBJ1	86	250.245	Before	Right Exterior Girder	58.985	0.95	1	1	6.61161
Type 3-3_serv	BOBJ1	87	250.245	After	Left Exterior Girder	58.985	0.95	1	1	6.683617
Type 3-3_serv	BOBJ1	87	250.245	After	Interior Girder 1	58.985	0.95	1	1	6.324574
Type 3-3_serv	BOBJ1	87	250.245	After	Interior Girder 2	58.985	0.95	1	1	6.070217
Type 3-3_serv	BOBJ1	87	250.245	After	Interior Girder 3	58.985	0.95	1	1	5.858386
Type 3-3_serv	BOBJ1	87	250.245	After	Interior Girder 4	58.985	0.95	1	1	5.858386
Type 3-3_serv	BOBJ1	87	250.245	After	Interior Girder 5	58.985	0.95	1	1	6.070217
Type 3-3_serv	BOBJ1	87	250.245	After	Interior Girder 6	58.985	0.95	1	1	6.324574
Type 3-3_serv	BOBJ1	87	250.245	After	Right Exterior Girder	58.985	0.95	1	1	6.683617
Type 3-3_serv	BOBJ1	88	251.68	Before	Left Exterior Girder	60.42	0.95	1	1	6.091332
Type 3-3_serv	BOBJ1	88	251.68	Before	Right Exterior Girder	60.42	0.95	1	1	6.091332
Type 3-3_serv	BOBJ1	89	251.68	After	Left Exterior Girder	60.42	0.95	1	1	10.572164
Type 3-3_serv	BOBJ1	89	251.68	After	Right Exterior Girder	60.42	0.95	1	1	10.572164
Type 3-3_serv	BOBJ1	90	254.18	Before	Interior Girder 1	62.92	0.95	1	1	4.943612
Type 3-3_serv	BOBJ1	90	254.18	Before	Interior Girder 2	62.92	0.95	1	1	4.699155
Type 3-3_serv	BOBJ1	90	254.18	Before	Interior Girder 3	62.92	0.95	1	1	4.099945
Type 3-3_serv	BOBJ1	90	254.18	Before	Interior Girder 4	62.92	0.95	1	1	4.099945
Type 3-3_serv	BOBJ1	90	254.18	Before	Interior Girder 5	62.92	0.95	1	1	4.699155
Type 3-3_serv	BOBJ1	90	254.18	Before	Interior Girder 6	62.92	0.95	1	1	4.943612
Type 3-3_serv	BOBJ1	91	254.18	After	Interior Girder 1	62.92	0.95	1	1	6.111655
Type 3-3_serv	BOBJ1	91	254.18	After	Interior Girder 2	62.92	0.95	1	1	5.695774
Type 3-3_serv	BOBJ1	91	254.18	After	Interior Girder 3	62.92	0.95	1	1	5.044604
Type 3-3_serv	BOBJ1	91	254.18	After	Interior Girder 4	62.92	0.95	1	1	5.044604
Type 3-3_serv	BOBJ1	91	254.18	After	Interior Girder 5	62.92	0.95	1	1	5.695774
Type 3-3_serv	BOBJ1	91	254.18	After	Interior Girder 6	62.92	0.95	1	1	6.111655
Type 3-3_serv	BOBJ1	92	258.68	Before	Left Exterior Girder	67.42	0.95	1	1	5.072279
Type 3-3_serv	BOBJ1	92	258.68	Before	Interior Girder 1	67.42	0.95	1	1	3.200817
Type 3-3_serv	BOBJ1	92	258.68	Before	Interior Girder 2	67.42	0.95	1	1	3.112497
Type 3-3_serv	BOBJ1	92	258.68	Before	Interior Girder 3	67.42	0.95	1	1	2.554358
Type 3-3_serv	BOBJ1	92	258.68	Before	Interior Girder 4	67.42	0.95	1	1	2.554358
Type 3-3_serv	BOBJ1	92	258.68	Before	Interior Girder 5	67.42	0.95	1	1	3.112497
Type 3-3_serv	BOBJ1	92	258.68	Before	Interior Girder 6	67.42	0.95	1	1	3.200817
Type 3-3_serv	BOBJ1	92	258.68	Before	Right Exterior Girder	67.42	0.95	1	1	5.072279
Type 3-3_serv	BOBJ1	93	258.68	After	Left Exterior Girder	0	0.95	1	1	5.009157
Type 3-3_serv	BOBJ1	93	258.68	After	Interior Girder 1	0	0.95	1	1	3.206751
Type 3-3_serv	BOBJ1	93	258.68	After	Interior Girder 2	0	0.95	1	1	3.123841
Type 3-3_serv	BOBJ1	93	258.68	After	Interior Girder 3	0	0.95	1	1	2.57336
Type 3-3_serv	BOBJ1	93	258.68	After	Interior Girder 4	0	0.95	1	1	2.57336
Type 3-3_serv	BOBJ1	93	258.68	After	Interior Girder 5	0	0.95	1	1	3.123841
Type 3-3_serv	BOBJ1	93	258.68	After	Interior Girder 6	0	0.95	1	1	3.206751
Type 3-3_serv	BOBJ1	93	258.68	After	Right Exterior Girder	0	0.95	1	1	5.009157
Type 3-3_serv	BOBJ1	94	263.18	Before	Interior Girder 1	4.5	0.95	1	1	5.104469
Type 3-3_serv	BOBJ1	94	263.18	Before	Interior Girder 2	4.5	0.95	1	1	4.988348
Type 3-3_serv	BOBJ1	94	263.18	Before	Interior Girder 3	4.5	0.95	1	1	4.696645
Type 3-3_serv	BOBJ1	94	263.18	Before	Interior Girder 4	4.5	0.95	1	1	4.696645
Type 3-3_serv	BOBJ1	94	263.18	Before	Interior Girder 5	4.5	0.95	1	1	4.988348
Type 3-3_serv	BOBJ1	94	263.18	Before	Interior Girder 6	4.5	0.95	1	1	5.104469
Type 3-3_serv	BOBJ1	95	263.18	After	Interior Girder 1	4.5	0.95	1	1	4.182505
Type 3-3_serv	BOBJ1	95	263.18	After	Interior Girder 2	4.5	0.95	1	1	4.157898
Type 3-3_serv	BOBJ1	95	263.18	After	Interior Girder 3	4.5	0.95	1	1	3.893329
Type 3-3_serv	BOBJ1	95	263.18	After	Interior Girder 4	4.5	0.95	1	1	3.893329
Type 3-3_serv	BOBJ1	95	263.18	After	Interior Girder 5	4.5	0.95	1	1	4.157898
Type 3-3_serv	BOBJ1	95	263.18	After	Interior Girder 6	4.5	0.95	1	1	4.182505
Type 3-3_serv	BOBJ1	96	265.68	Before	Left Exterior Girder	7	0.95	1	1	7.94361
Type 3-3_serv	BOBJ1	96	265.68	Before	Right Exterior Girder	7	0.95	1	1	7.94361

TABLE: Bridge Super Rating AASHTORATE18 31 - SteelICompServ-Flx - Approach, Span 7-11										
Request	BridgeObj	BridgeCut	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	Unitless	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Type 3-3_serv	BOBJ1	97	265.68	After	Left Exterior Girder	7	0.95	1	1	4.600054
Type 3-3_serv	BOBJ1	97	265.68	After	Right Exterior Girder	7	0.95	1	1	4.600054
Type 3-3_serv	BOBJ1	98	268.08	Before	Left Exterior Girder	9.4	0.95	1	1	5.369032
Type 3-3_serv	BOBJ1	98	268.08	Before	Interior Girder 1	9.4	0.95	1	1	5.303076
Type 3-3_serv	BOBJ1	98	268.08	Before	Interior Girder 2	9.4	0.95	1	1	5.278452
Type 3-3_serv	BOBJ1	98	268.08	Before	Interior Girder 3	9.4	0.95	1	1	5.212501
Type 3-3_serv	BOBJ1	98	268.08	Before	Interior Girder 4	9.4	0.95	1	1	5.212501
Type 3-3_serv	BOBJ1	98	268.08	Before	Interior Girder 5	9.4	0.95	1	1	5.278452
Type 3-3_serv	BOBJ1	98	268.08	Before	Interior Girder 6	9.4	0.95	1	1	5.303076
Type 3-3_serv	BOBJ1	98	268.08	Before	Right Exterior Girder	9.4	0.95	1	1	5.369032
Type 3-3_serv	BOBJ1	99	268.08	After	Left Exterior Girder	9.4	0.95	1	1	5.256004
Type 3-3_serv	BOBJ1	99	268.08	After	Interior Girder 1	9.4	0.95	1	1	5.393311
Type 3-3_serv	BOBJ1	99	268.08	After	Interior Girder 2	9.4	0.95	1	1	5.344096
Type 3-3_serv	BOBJ1	99	268.08	After	Interior Girder 3	9.4	0.95	1	1	5.232275
Type 3-3_serv	BOBJ1	99	268.08	After	Interior Girder 4	9.4	0.95	1	1	5.232275
Type 3-3_serv	BOBJ1	99	268.08	After	Interior Girder 5	9.4	0.95	1	1	5.344096
Type 3-3_serv	BOBJ1	99	268.08	After	Interior Girder 6	9.4	0.95	1	1	5.393311
Type 3-3_serv	BOBJ1	99	268.08	After	Right Exterior Girder	9.4	0.95	1	1	5.256004
Type 3-3_serv	BOBJ1	100	277.48	Before	Left Exterior Girder	18.8	0.95	1	1	6.816864
Type 3-3_serv	BOBJ1	100	277.48	Before	Interior Girder 1	18.8	0.95	1	1	6.330283
Type 3-3_serv	BOBJ1	100	277.48	Before	Interior Girder 2	18.8	0.95	1	1	5.813122
Type 3-3_serv	BOBJ1	100	277.48	Before	Interior Girder 3	18.8	0.95	1	1	5.657498
Type 3-3_serv	BOBJ1	100	277.48	Before	Interior Girder 4	18.8	0.95	1	1	5.657498
Type 3-3_serv	BOBJ1	100	277.48	Before	Interior Girder 5	18.8	0.95	1	1	5.813122
Type 3-3_serv	BOBJ1	100	277.48	Before	Interior Girder 6	18.8	0.95	1	1	6.330283
Type 3-3_serv	BOBJ1	100	277.48	Before	Right Exterior Girder	18.8	0.95	1	1	6.816864
Type 3-3_serv	BOBJ1	101	277.48	After	Left Exterior Girder	18.8	0.95	1	1	6.970333
Type 3-3_serv	BOBJ1	101	277.48	After	Interior Girder 1	18.8	0.95	1	1	6.215774
Type 3-3_serv	BOBJ1	101	277.48	After	Interior Girder 2	18.8	0.95	1	1	5.824642
Type 3-3_serv	BOBJ1	101	277.48	After	Interior Girder 3	18.8	0.95	1	1	5.749513
Type 3-3_serv	BOBJ1	101	277.48	After	Interior Girder 4	18.8	0.95	1	1	5.749513
Type 3-3_serv	BOBJ1	101	277.48	After	Interior Girder 5	18.8	0.95	1	1	5.824642
Type 3-3_serv	BOBJ1	101	277.48	After	Interior Girder 6	18.8	0.95	1	1	6.215774
Type 3-3_serv	BOBJ1	101	277.48	After	Right Exterior Girder	18.8	0.95	1	1	6.970333
Type 3-3_serv	BOBJ1	102	286.88	Before	Left Exterior Girder	28.2	0.95	1	1	5.01581
Type 3-3_serv	BOBJ1	102	286.88	Before	Interior Girder 1	28.2	0.95	1	1	4.318236
Type 3-3_serv	BOBJ1	102	286.88	Before	Interior Girder 2	28.2	0.95	1	1	4.112607
Type 3-3_serv	BOBJ1	102	286.88	Before	Interior Girder 3	28.2	0.95	1	1	3.960357
Type 3-3_serv	BOBJ1	102	286.88	Before	Interior Girder 4	28.2	0.95	1	1	3.960357
Type 3-3_serv	BOBJ1	102	286.88	Before	Interior Girder 5	28.2	0.95	1	1	4.112607
Type 3-3_serv	BOBJ1	102	286.88	Before	Interior Girder 6	28.2	0.95	1	1	4.318236
Type 3-3_serv	BOBJ1	102	286.88	Before	Right Exterior Girder	28.2	0.95	1	1	5.01581
Type 3-3_serv	BOBJ1	103	286.88	After	Left Exterior Girder	28.2	0.95	1	1	5.038047
Type 3-3_serv	BOBJ1	103	286.88	After	Interior Girder 1	28.2	0.95	1	1	4.307916
Type 3-3_serv	BOBJ1	103	286.88	After	Interior Girder 2	28.2	0.95	1	1	4.114984
Type 3-3_serv	BOBJ1	103	286.88	After	Interior Girder 3	28.2	0.95	1	1	3.971983
Type 3-3_serv	BOBJ1	103	286.88	After	Interior Girder 4	28.2	0.95	1	1	3.971983
Type 3-3_serv	BOBJ1	103	286.88	After	Interior Girder 5	28.2	0.95	1	1	4.114984
Type 3-3_serv	BOBJ1	103	286.88	After	Interior Girder 6	28.2	0.95	1	1	4.307916
Type 3-3_serv	BOBJ1	103	286.88	After	Right Exterior Girder	28.2	0.95	1	1	5.038047
Type 3-3_serv	BOBJ1	104	296.28	Before	Left Exterior Girder	37.6	0.95	1	1	4.628951
Type 3-3_serv	BOBJ1	104	296.28	Before	Interior Girder 1	37.6	0.95	1	1	4.364386
Type 3-3_serv	BOBJ1	104	296.28	Before	Interior Girder 2	37.6	0.95	1	1	4.177987
Type 3-3_serv	BOBJ1	104	296.28	Before	Interior Girder 3	37.6	0.95	1	1	4.126384
Type 3-3_serv	BOBJ1	104	296.28	Before	Interior Girder 4	37.6	0.95	1	1	4.126384
Type 3-3_serv	BOBJ1	104	296.28	Before	Interior Girder 5	37.6	0.95	1	1	4.177987
Type 3-3_serv	BOBJ1	104	296.28	Before	Interior Girder 6	37.6	0.95	1	1	4.364386
Type 3-3_serv	BOBJ1	104	296.28	Before	Right Exterior Girder	37.6	0.95	1	1	4.628951
Type 3-3_serv	BOBJ1	105	296.28	After	Left Exterior Girder	37.6	0.95	1	1	4.570222
Type 3-3_serv	BOBJ1	105	296.28	After	Interior Girder 1	37.6	0.95	1	1	4.410722
Type 3-3_serv	BOBJ1	105	296.28	After	Interior Girder 2	37.6	0.95	1	1	4.169333
Type 3-3_serv	BOBJ1	105	296.28	After	Interior Girder 3	37.6	0.95	1	1	4.086448
Type 3-3_serv	BOBJ1	105	296.28	After	Interior Girder 4	37.6	0.95	1	1	4.086448
Type 3-3_serv	BOBJ1	105	296.28	After	Interior Girder 5	37.6	0.95	1	1	4.169333
Type 3-3_serv	BOBJ1	105	296.28	After	Interior Girder 6	37.6	0.95	1	1	4.410722
Type 3-3_serv	BOBJ1	105	296.28	After	Right Exterior Girder	37.6	0.95	1	1	4.570222
Type 3-3_serv	BOBJ1	106	305.69	Before	Left Exterior Girder	47.01	0.95	1	1	7.931719
Type 3-3_serv	BOBJ1	106	305.69	Before	Interior Girder 1	47.01	0.95	1	1	5.765217
Type 3-3_serv	BOBJ1	106	305.69	Before	Interior Girder 2	47.01	0.95	1	1	5.54896
Type 3-3_serv	BOBJ1	106	305.69	Before	Interior Girder 3	47.01	0.95	1	1	5.297767
Type 3-3_serv	BOBJ1	106	305.69	Before	Interior Girder 4	47.01	0.95	1	1	5.297767
Type 3-3_serv	BOBJ1	106	305.69	Before	Interior Girder 5	47.01	0.95	1	1	5.54896
Type 3-3_serv	BOBJ1	106	305.69	Before	Interior Girder 6	47.01	0.95	1	1	5.765217

TABLE: Bridge Super Rating AASHTORATE18 31 - SteelICompServ-Flx - Approach, Span 7-11										
Request	BridgeObj	BridgeCut	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	Unitless	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Type 3-3_serv	BOBJ1	106	305.69	Before	Right Exterior Girder	47.01	0.95	1	1	7.931719
Type 3-3_serv	BOBJ1	107	305.69	After	Left Exterior Girder	47.01	0.95	1	1	7.859163
Type 3-3_serv	BOBJ1	107	305.69	After	Interior Girder 1	47.01	0.95	1	1	5.799124
Type 3-3_serv	BOBJ1	107	305.69	After	Interior Girder 2	47.01	0.95	1	1	5.445078
Type 3-3_serv	BOBJ1	107	305.69	After	Interior Girder 3	47.01	0.95	1	1	5.111212
Type 3-3_serv	BOBJ1	107	305.69	After	Interior Girder 4	47.01	0.95	1	1	5.111212
Type 3-3_serv	BOBJ1	107	305.69	After	Interior Girder 5	47.01	0.95	1	1	5.445078
Type 3-3_serv	BOBJ1	107	305.69	After	Interior Girder 6	47.01	0.95	1	1	5.799124
Type 3-3_serv	BOBJ1	107	305.69	After	Right Exterior Girder	47.01	0.95	1	1	7.859163
Type 3-3_serv	BOBJ1	108	315.1	Before	Left Exterior Girder	56.42	0.95	1	1	402.323017
Type 3-3_serv	BOBJ1	108	315.1	Before	Interior Girder 1	56.42	0.95	1	1	505.247036
Type 3-3_serv	BOBJ1	108	315.1	Before	Interior Girder 2	56.42	0.95	1	1	294.962207
Type 3-3_serv	BOBJ1	108	315.1	Before	Interior Girder 3	56.42	0.95	1	1	210.017759
Type 3-3_serv	BOBJ1	108	315.1	Before	Interior Girder 4	56.42	0.95	1	1	210.017759
Type 3-3_serv	BOBJ1	108	315.1	Before	Interior Girder 5	56.42	0.95	1	1	294.962208
Type 3-3_serv	BOBJ1	108	315.1	Before	Interior Girder 6	56.42	0.95	1	1	505.247035
Type 3-3_serv	BOBJ1	108	315.1	Before	Right Exterior Girder	56.42	0.95	1	1	402.323019
EV2_serv	BOBJ1	1	0	After	Left Exterior Girder	0	0.95	1	1	327.503169
EV2_serv	BOBJ1	1	0	After	Interior Girder 1	0	0.95	1	1	421.647259
EV2_serv	BOBJ1	1	0	After	Interior Girder 2	0	0.95	1	1	220.864716
EV2_serv	BOBJ1	1	0	After	Interior Girder 3	0	0.95	1	1	155.960646
EV2_serv	BOBJ1	1	0	After	Interior Girder 4	0	0.95	1	1	155.960645
EV2_serv	BOBJ1	1	0	After	Interior Girder 5	0	0.95	1	1	220.864716
EV2_serv	BOBJ1	1	0	After	Interior Girder 6	0	0.95	1	1	421.647264
EV2_serv	BOBJ1	1	0	After	Right Exterior Girder	0	0.95	1	1	327.503169
EV2_serv	BOBJ1	2	9.4	Before	Left Exterior Girder	9.4	0.95	1	1	6.274457
EV2_serv	BOBJ1	2	9.4	Before	Interior Girder 1	9.4	0.95	1	1	4.319912
EV2_serv	BOBJ1	2	9.4	Before	Interior Girder 2	9.4	0.95	1	1	4.060897
EV2_serv	BOBJ1	2	9.4	Before	Interior Girder 3	9.4	0.95	1	1	3.691548
EV2_serv	BOBJ1	2	9.4	Before	Interior Girder 4	9.4	0.95	1	1	3.691548
EV2_serv	BOBJ1	2	9.4	Before	Interior Girder 5	9.4	0.95	1	1	4.060897
EV2_serv	BOBJ1	2	9.4	Before	Interior Girder 6	9.4	0.95	1	1	4.319912
EV2_serv	BOBJ1	2	9.4	Before	Right Exterior Girder	9.4	0.95	1	1	6.274457
EV2_serv	BOBJ1	3	9.4	After	Left Exterior Girder	9.4	0.95	1	1	6.279284
EV2_serv	BOBJ1	3	9.4	After	Interior Girder 1	9.4	0.95	1	1	4.311025
EV2_serv	BOBJ1	3	9.4	After	Interior Girder 2	9.4	0.95	1	1	4.130911
EV2_serv	BOBJ1	3	9.4	After	Interior Girder 3	9.4	0.95	1	1	3.816506
EV2_serv	BOBJ1	3	9.4	After	Interior Girder 4	9.4	0.95	1	1	3.816506
EV2_serv	BOBJ1	3	9.4	After	Interior Girder 5	9.4	0.95	1	1	4.130911
EV2_serv	BOBJ1	3	9.4	After	Interior Girder 6	9.4	0.95	1	1	4.311025
EV2_serv	BOBJ1	3	9.4	After	Right Exterior Girder	9.4	0.95	1	1	6.279284
EV2_serv	BOBJ1	4	18.8	Before	Left Exterior Girder	18.8	0.95	1	1	3.554654
EV2_serv	BOBJ1	4	18.8	Before	Interior Girder 1	18.8	0.95	1	1	3.267025
EV2_serv	BOBJ1	4	18.8	Before	Interior Girder 2	18.8	0.95	1	1	3.091018
EV2_serv	BOBJ1	4	18.8	Before	Interior Girder 3	18.8	0.95	1	1	3.045118
EV2_serv	BOBJ1	4	18.8	Before	Interior Girder 4	18.8	0.95	1	1	3.045118
EV2_serv	BOBJ1	4	18.8	Before	Interior Girder 5	18.8	0.95	1	1	3.091018
EV2_serv	BOBJ1	4	18.8	Before	Interior Girder 6	18.8	0.95	1	1	3.267025
EV2_serv	BOBJ1	4	18.8	Before	Right Exterior Girder	18.8	0.95	1	1	3.554654
EV2_serv	BOBJ1	5	18.8	After	Left Exterior Girder	18.8	0.95	1	1	3.595612
EV2_serv	BOBJ1	5	18.8	After	Interior Girder 1	18.8	0.95	1	1	3.239902
EV2_serv	BOBJ1	5	18.8	After	Interior Girder 2	18.8	0.95	1	1	3.094758
EV2_serv	BOBJ1	5	18.8	After	Interior Girder 3	18.8	0.95	1	1	3.066592
EV2_serv	BOBJ1	5	18.8	After	Interior Girder 4	18.8	0.95	1	1	3.066592
EV2_serv	BOBJ1	5	18.8	After	Interior Girder 5	18.8	0.95	1	1	3.094758
EV2_serv	BOBJ1	5	18.8	After	Interior Girder 6	18.8	0.95	1	1	3.239902
EV2_serv	BOBJ1	5	18.8	After	Right Exterior Girder	18.8	0.95	1	1	3.595612
EV2_serv	BOBJ1	6	28.2	Before	Left Exterior Girder	28.2	0.95	1	1	3.980174
EV2_serv	BOBJ1	6	28.2	Before	Interior Girder 1	28.2	0.95	1	1	3.140821
EV2_serv	BOBJ1	6	28.2	Before	Interior Girder 2	28.2	0.95	1	1	3.029699
EV2_serv	BOBJ1	6	28.2	Before	Interior Girder 3	28.2	0.95	1	1	2.911535
EV2_serv	BOBJ1	6	28.2	Before	Interior Girder 4	28.2	0.95	1	1	2.911535
EV2_serv	BOBJ1	6	28.2	Before	Interior Girder 5	28.2	0.95	1	1	3.029699
EV2_serv	BOBJ1	6	28.2	Before	Interior Girder 6	28.2	0.95	1	1	3.140821
EV2_serv	BOBJ1	6	28.2	Before	Right Exterior Girder	28.2	0.95	1	1	3.980174
EV2_serv	BOBJ1	7	28.2	After	Left Exterior Girder	28.2	0.95	1	1	3.974376
EV2_serv	BOBJ1	7	28.2	After	Interior Girder 1	28.2	0.95	1	1	3.141971
EV2_serv	BOBJ1	7	28.2	After	Interior Girder 2	28.2	0.95	1	1	3.020723
EV2_serv	BOBJ1	7	28.2	After	Interior Girder 3	28.2	0.95	1	1	2.895405
EV2_serv	BOBJ1	7	28.2	After	Interior Girder 4	28.2	0.95	1	1	2.895405
EV2_serv	BOBJ1	7	28.2	After	Interior Girder 5	28.2	0.95	1	1	3.020723
EV2_serv	BOBJ1	7	28.2	After	Interior Girder 6	28.2	0.95	1	1	3.141971
EV2_serv	BOBJ1	7	28.2	After	Right Exterior Girder	28.2	0.95	1	1	3.974376

TABLE: Bridge Super Rating AASHTORATE18 31 - SteelICompServ-Flx - Approach, Span 7-11										
Request	BridgeObj	BridgeCut	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	Unitless	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
EV2_serv	BOBJ1	8	37.6	Before	Left Exterior Girder	37.6	0.95	1	1	5.425373
EV2_serv	BOBJ1	8	37.6	Before	Interior Girder 1	37.6	0.95	1	1	4.576564
EV2_serv	BOBJ1	8	37.6	Before	Interior Girder 2	37.6	0.95	1	1	4.284338
EV2_serv	BOBJ1	8	37.6	Before	Interior Girder 3	37.6	0.95	1	1	4.213609
EV2_serv	BOBJ1	8	37.6	Before	Interior Girder 4	37.6	0.95	1	1	4.213609
EV2_serv	BOBJ1	8	37.6	Before	Interior Girder 5	37.6	0.95	1	1	4.284338
EV2_serv	BOBJ1	8	37.6	Before	Interior Girder 6	37.6	0.95	1	1	4.576564
EV2_serv	BOBJ1	8	37.6	Before	Right Exterior Girder	37.6	0.95	1	1	5.425373
EV2_serv	BOBJ1	9	37.6	After	Left Exterior Girder	37.6	0.95	1	1	5.313828
EV2_serv	BOBJ1	9	37.6	After	Interior Girder 1	37.6	0.95	1	1	4.646619
EV2_serv	BOBJ1	9	37.6	After	Interior Girder 2	37.6	0.95	1	1	4.274828
EV2_serv	BOBJ1	9	37.6	After	Interior Girder 3	37.6	0.95	1	1	4.158397
EV2_serv	BOBJ1	9	37.6	After	Interior Girder 4	37.6	0.95	1	1	4.158397
EV2_serv	BOBJ1	9	37.6	After	Interior Girder 5	37.6	0.95	1	1	4.274828
EV2_serv	BOBJ1	9	37.6	After	Interior Girder 6	37.6	0.95	1	1	4.646619
EV2_serv	BOBJ1	9	37.6	After	Right Exterior Girder	37.6	0.95	1	1	5.313828
EV2_serv	BOBJ1	10	47.01	Before	Left Exterior Girder	47.01	0.95	1	1	5.016677
EV2_serv	BOBJ1	10	47.01	Before	Interior Girder 1	47.01	0.95	1	1	5.187675
EV2_serv	BOBJ1	10	47.01	Before	Interior Girder 2	47.01	0.95	1	1	5.11962
EV2_serv	BOBJ1	10	47.01	Before	Interior Girder 3	47.01	0.95	1	1	5.000973
EV2_serv	BOBJ1	10	47.01	Before	Interior Girder 4	47.01	0.95	1	1	5.000973
EV2_serv	BOBJ1	10	47.01	Before	Interior Girder 5	47.01	0.95	1	1	5.11962
EV2_serv	BOBJ1	10	47.01	Before	Interior Girder 6	47.01	0.95	1	1	5.187675
EV2_serv	BOBJ1	10	47.01	Before	Right Exterior Girder	47.01	0.95	1	1	5.016677
EV2_serv	BOBJ1	11	47.01	After	Left Exterior Girder	47.01	0.95	1	1	5.111702
EV2_serv	BOBJ1	11	47.01	After	Interior Girder 1	47.01	0.95	1	1	5.107379
EV2_serv	BOBJ1	11	47.01	After	Interior Girder 2	47.01	0.95	1	1	5.06182
EV2_serv	BOBJ1	11	47.01	After	Interior Girder 3	47.01	0.95	1	1	4.980521
EV2_serv	BOBJ1	11	47.01	After	Interior Girder 4	47.01	0.95	1	1	4.980521
EV2_serv	BOBJ1	11	47.01	After	Interior Girder 5	47.01	0.95	1	1	5.06182
EV2_serv	BOBJ1	11	47.01	After	Interior Girder 6	47.01	0.95	1	1	5.107379
EV2_serv	BOBJ1	11	47.01	After	Right Exterior Girder	47.01	0.95	1	1	5.111702
EV2_serv	BOBJ1	12	49.42	Before	Left Exterior Girder	49.42	0.95	1	1	4.364628
EV2_serv	BOBJ1	12	49.42	Before	Right Exterior Girder	49.42	0.95	1	1	4.364628
EV2_serv	BOBJ1	13	49.42	After	Left Exterior Girder	49.42	0.95	1	1	7.545189
EV2_serv	BOBJ1	13	49.42	After	Right Exterior Girder	49.42	0.95	1	1	7.545189
EV2_serv	BOBJ1	14	51.92	Before	Interior Girder 1	51.92	0.95	1	1	4.028845
EV2_serv	BOBJ1	14	51.92	Before	Interior Girder 2	51.92	0.95	1	1	3.966734
EV2_serv	BOBJ1	14	51.92	Before	Interior Girder 3	51.92	0.95	1	1	3.724728
EV2_serv	BOBJ1	14	51.92	Before	Interior Girder 4	51.92	0.95	1	1	3.724728
EV2_serv	BOBJ1	14	51.92	Before	Interior Girder 5	51.92	0.95	1	1	3.966734
EV2_serv	BOBJ1	14	51.92	Before	Interior Girder 6	51.92	0.95	1	1	4.028845
EV2_serv	BOBJ1	15	51.92	After	Interior Girder 1	51.92	0.95	1	1	4.948419
EV2_serv	BOBJ1	15	51.92	After	Interior Girder 2	51.92	0.95	1	1	4.76506
EV2_serv	BOBJ1	15	51.92	After	Interior Girder 3	51.92	0.95	1	1	4.509352
EV2_serv	BOBJ1	15	51.92	After	Interior Girder 4	51.92	0.95	1	1	4.509352
EV2_serv	BOBJ1	15	51.92	After	Interior Girder 5	51.92	0.95	1	1	4.76506
EV2_serv	BOBJ1	15	51.92	After	Interior Girder 6	51.92	0.95	1	1	4.948419
EV2_serv	BOBJ1	16	56.42	Before	Left Exterior Girder	56.42	0.95	1	1	5.347806
EV2_serv	BOBJ1	16	56.42	Before	Interior Girder 1	56.42	0.95	1	1	3.802349
EV2_serv	BOBJ1	16	56.42	Before	Interior Girder 2	56.42	0.95	1	1	3.53904
EV2_serv	BOBJ1	16	56.42	Before	Interior Girder 3	56.42	0.95	1	1	2.933929
EV2_serv	BOBJ1	16	56.42	Before	Interior Girder 4	56.42	0.95	1	1	2.933929
EV2_serv	BOBJ1	16	56.42	Before	Interior Girder 5	56.42	0.95	1	1	3.53904
EV2_serv	BOBJ1	16	56.42	Before	Interior Girder 6	56.42	0.95	1	1	3.802349
EV2_serv	BOBJ1	16	56.42	Before	Right Exterior Girder	56.42	0.95	1	1	5.347806
EV2_serv	BOBJ1	17	56.42	After	Left Exterior Girder	0	0.95	1	1	5.214064
EV2_serv	BOBJ1	17	56.42	After	Interior Girder 1	0	0.95	1	1	3.600075
EV2_serv	BOBJ1	17	56.42	After	Interior Girder 2	0	0.95	1	1	3.40882
EV2_serv	BOBJ1	17	56.42	After	Interior Girder 3	0	0.95	1	1	2.878962
EV2_serv	BOBJ1	17	56.42	After	Interior Girder 4	0	0.95	1	1	2.878962
EV2_serv	BOBJ1	17	56.42	After	Interior Girder 5	0	0.95	1	1	3.40882
EV2_serv	BOBJ1	17	56.42	After	Interior Girder 6	0	0.95	1	1	3.600075
EV2_serv	BOBJ1	17	56.42	After	Right Exterior Girder	0	0.95	1	1	5.214064
EV2_serv	BOBJ1	18	60.92	Before	Interior Girder 1	4.5	0.95	1	1	5.641925
EV2_serv	BOBJ1	18	60.92	Before	Interior Girder 2	4.5	0.95	1	1	5.276284
EV2_serv	BOBJ1	18	60.92	Before	Interior Girder 3	4.5	0.95	1	1	4.866899
EV2_serv	BOBJ1	18	60.92	Before	Interior Girder 4	4.5	0.95	1	1	4.866899
EV2_serv	BOBJ1	18	60.92	Before	Interior Girder 5	4.5	0.95	1	1	5.276284
EV2_serv	BOBJ1	18	60.92	Before	Interior Girder 6	4.5	0.95	1	1	5.641925
EV2_serv	BOBJ1	19	60.92	After	Interior Girder 1	4.5	0.95	1	1	4.614057
EV2_serv	BOBJ1	19	60.92	After	Interior Girder 2	4.5	0.95	1	1	4.398771
EV2_serv	BOBJ1	19	60.92	After	Interior Girder 3	4.5	0.95	1	1	4.029182

TABLE: Bridge Super Rating AASHTORATE18 31 - SteelICompServ-Flx - Approach, Span 7-11										
Request	BridgeObj	BridgeCut	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	Unitless	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
EV2_serv	BOBJ1	19	60.92	After	Interior Girder 4	4.5	0.95	1	1	4.029182
EV2_serv	BOBJ1	19	60.92	After	Interior Girder 5	4.5	0.95	1	1	4.398771
EV2_serv	BOBJ1	19	60.92	After	Interior Girder 6	4.5	0.95	1	1	4.614057
EV2_serv	BOBJ1	20	63.42	Before	Left Exterior Girder	7	0.95	1	1	9.094963
EV2_serv	BOBJ1	20	63.42	Before	Right Exterior Girder	7	0.95	1	1	9.094963
EV2_serv	BOBJ1	21	63.42	After	Left Exterior Girder	7	0.95	1	1	5.234714
EV2_serv	BOBJ1	21	63.42	After	Right Exterior Girder	7	0.95	1	1	5.234714
EV2_serv	BOBJ1	22	64.845	Before	Left Exterior Girder	8.425	0.95	1	1	5.726745
EV2_serv	BOBJ1	22	64.845	Before	Interior Girder 1	8.425	0.95	1	1	5.61158
EV2_serv	BOBJ1	22	64.845	Before	Interior Girder 2	8.425	0.95	1	1	5.361973
EV2_serv	BOBJ1	22	64.845	Before	Interior Girder 3	8.425	0.95	1	1	5.219318
EV2_serv	BOBJ1	22	64.845	Before	Interior Girder 4	8.425	0.95	1	1	5.219318
EV2_serv	BOBJ1	22	64.845	Before	Interior Girder 5	8.425	0.95	1	1	5.361973
EV2_serv	BOBJ1	22	64.845	Before	Interior Girder 6	8.425	0.95	1	1	5.61158
EV2_serv	BOBJ1	22	64.845	Before	Right Exterior Girder	8.425	0.95	1	1	5.726745
EV2_serv	BOBJ1	23	64.845	After	Left Exterior Girder	8.425	0.95	1	1	5.677442
EV2_serv	BOBJ1	23	64.845	After	Interior Girder 1	8.425	0.95	1	1	5.6676
EV2_serv	BOBJ1	23	64.845	After	Interior Girder 2	8.425	0.95	1	1	5.415801
EV2_serv	BOBJ1	23	64.845	After	Interior Girder 3	8.425	0.95	1	1	5.252487
EV2_serv	BOBJ1	23	64.845	After	Interior Girder 4	8.425	0.95	1	1	5.252487
EV2_serv	BOBJ1	23	64.845	After	Interior Girder 5	8.425	0.95	1	1	5.415801
EV2_serv	BOBJ1	23	64.845	After	Interior Girder 6	8.425	0.95	1	1	5.6676
EV2_serv	BOBJ1	23	64.845	After	Right Exterior Girder	8.425	0.95	1	1	5.677442
EV2_serv	BOBJ1	24	69.92	Before	Left Exterior Girder	13.5	0.95	1	1	7.497909
EV2_serv	BOBJ1	24	69.92	Before	Interior Girder 1	13.5	0.95	1	1	7.038731
EV2_serv	BOBJ1	24	69.92	Before	Interior Girder 2	13.5	0.95	1	1	6.425242
EV2_serv	BOBJ1	24	69.92	Before	Interior Girder 3	13.5	0.95	1	1	6.1475
EV2_serv	BOBJ1	24	69.92	Before	Interior Girder 4	13.5	0.95	1	1	6.1475
EV2_serv	BOBJ1	24	69.92	Before	Interior Girder 5	13.5	0.95	1	1	6.425242
EV2_serv	BOBJ1	24	69.92	Before	Interior Girder 6	13.5	0.95	1	1	7.038731
EV2_serv	BOBJ1	24	69.92	Before	Right Exterior Girder	13.5	0.95	1	1	7.497909
EV2_serv	BOBJ1	25	69.92	After	Left Exterior Girder	13.5	0.95	1	1	6.444692
EV2_serv	BOBJ1	25	69.92	After	Interior Girder 1	13.5	0.95	1	1	6.577554
EV2_serv	BOBJ1	25	69.92	After	Interior Girder 2	13.5	0.95	1	1	6.102017
EV2_serv	BOBJ1	25	69.92	After	Interior Girder 3	13.5	0.95	1	1	5.944513
EV2_serv	BOBJ1	25	69.92	After	Interior Girder 4	13.5	0.95	1	1	5.944513
EV2_serv	BOBJ1	25	69.92	After	Interior Girder 5	13.5	0.95	1	1	6.102017
EV2_serv	BOBJ1	25	69.92	After	Interior Girder 6	13.5	0.95	1	1	6.577554
EV2_serv	BOBJ1	25	69.92	After	Right Exterior Girder	13.5	0.95	1	1	6.444692
EV2_serv	BOBJ1	26	73.27	Before	Left Exterior Girder	16.85	0.95	1	1	6.514004
EV2_serv	BOBJ1	26	73.27	Before	Interior Girder 1	16.85	0.95	1	1	5.43482
EV2_serv	BOBJ1	26	73.27	Before	Interior Girder 2	16.85	0.95	1	1	4.978358
EV2_serv	BOBJ1	26	73.27	Before	Interior Girder 3	16.85	0.95	1	1	4.830009
EV2_serv	BOBJ1	26	73.27	Before	Interior Girder 4	16.85	0.95	1	1	4.830009
EV2_serv	BOBJ1	26	73.27	Before	Interior Girder 5	16.85	0.95	1	1	4.978358
EV2_serv	BOBJ1	26	73.27	Before	Interior Girder 6	16.85	0.95	1	1	5.43482
EV2_serv	BOBJ1	26	73.27	Before	Right Exterior Girder	16.85	0.95	1	1	6.514004
EV2_serv	BOBJ1	27	73.27	After	Left Exterior Girder	16.85	0.95	1	1	6.663501
EV2_serv	BOBJ1	27	73.27	After	Interior Girder 1	16.85	0.95	1	1	5.352424
EV2_serv	BOBJ1	27	73.27	After	Interior Girder 2	16.85	0.95	1	1	4.954528
EV2_serv	BOBJ1	27	73.27	After	Interior Girder 3	16.85	0.95	1	1	4.858648
EV2_serv	BOBJ1	27	73.27	After	Interior Girder 4	16.85	0.95	1	1	4.858648
EV2_serv	BOBJ1	27	73.27	After	Interior Girder 5	16.85	0.95	1	1	4.954528
EV2_serv	BOBJ1	27	73.27	After	Interior Girder 6	16.85	0.95	1	1	5.352424
EV2_serv	BOBJ1	27	73.27	After	Right Exterior Girder	16.85	0.95	1	1	6.663501
EV2_serv	BOBJ1	28	81.695	Before	Left Exterior Girder	25.275	0.95	1	1	4.161593
EV2_serv	BOBJ1	28	81.695	Before	Interior Girder 1	25.275	0.95	1	1	3.404954
EV2_serv	BOBJ1	28	81.695	Before	Interior Girder 2	25.275	0.95	1	1	3.277339
EV2_serv	BOBJ1	28	81.695	Before	Interior Girder 3	25.275	0.95	1	1	3.156029
EV2_serv	BOBJ1	28	81.695	Before	Interior Girder 4	25.275	0.95	1	1	3.156029
EV2_serv	BOBJ1	28	81.695	Before	Interior Girder 5	25.275	0.95	1	1	3.277339
EV2_serv	BOBJ1	28	81.695	Before	Interior Girder 6	25.275	0.95	1	1	3.404954
EV2_serv	BOBJ1	28	81.695	Before	Right Exterior Girder	25.275	0.95	1	1	4.161593
EV2_serv	BOBJ1	29	81.695	After	Left Exterior Girder	25.275	0.95	1	1	4.225671
EV2_serv	BOBJ1	29	81.695	After	Interior Girder 1	25.275	0.95	1	1	3.383156
EV2_serv	BOBJ1	29	81.695	After	Interior Girder 2	25.275	0.95	1	1	3.275807
EV2_serv	BOBJ1	29	81.695	After	Interior Girder 3	25.275	0.95	1	1	3.18564
EV2_serv	BOBJ1	29	81.695	After	Interior Girder 4	25.275	0.95	1	1	3.18564
EV2_serv	BOBJ1	29	81.695	After	Interior Girder 5	25.275	0.95	1	1	3.275807
EV2_serv	BOBJ1	29	81.695	After	Interior Girder 6	25.275	0.95	1	1	3.383156
EV2_serv	BOBJ1	29	81.695	After	Right Exterior Girder	25.275	0.95	1	1	4.225671
EV2_serv	BOBJ1	30	90.12	Before	Left Exterior Girder	33.7	0.95	1	1	3.418679
EV2_serv	BOBJ1	30	90.12	Before	Interior Girder 1	33.7	0.95	1	1	3.268172

TABLE: Bridge Super Rating AASHTORATE18 31 - SteelICompServ-Flx - Approach, Span 7-11										
Request	BridgeObj	BridgeCut	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	Unitless	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
EV2_serv	BOBJ1	30	90.12	Before	Interior Girder 2	33.7	0.95	1	1	3.167916
EV2_serv	BOBJ1	30	90.12	Before	Interior Girder 3	33.7	0.95	1	1	3.153482
EV2_serv	BOBJ1	30	90.12	Before	Interior Girder 4	33.7	0.95	1	1	3.153482
EV2_serv	BOBJ1	30	90.12	Before	Interior Girder 5	33.7	0.95	1	1	3.167916
EV2_serv	BOBJ1	30	90.12	Before	Interior Girder 6	33.7	0.95	1	1	3.268172
EV2_serv	BOBJ1	30	90.12	Before	Right Exterior Girder	33.7	0.95	1	1	3.418679
EV2_serv	BOBJ1	31	90.12	After	Left Exterior Girder	33.7	0.95	1	1	3.423339
EV2_serv	BOBJ1	31	90.12	After	Interior Girder 1	33.7	0.95	1	1	3.267589
EV2_serv	BOBJ1	31	90.12	After	Interior Girder 2	33.7	0.95	1	1	3.163825
EV2_serv	BOBJ1	31	90.12	After	Interior Girder 3	33.7	0.95	1	1	3.152151
EV2_serv	BOBJ1	31	90.12	After	Interior Girder 4	33.7	0.95	1	1	3.152151
EV2_serv	BOBJ1	31	90.12	After	Interior Girder 5	33.7	0.95	1	1	3.163825
EV2_serv	BOBJ1	31	90.12	After	Interior Girder 6	33.7	0.95	1	1	3.267589
EV2_serv	BOBJ1	31	90.12	After	Right Exterior Girder	33.7	0.95	1	1	3.423339
EV2_serv	BOBJ1	32	98.545	Before	Left Exterior Girder	42.125	0.95	1	1	4.113516
EV2_serv	BOBJ1	32	98.545	Before	Interior Girder 1	42.125	0.95	1	1	3.341816
EV2_serv	BOBJ1	32	98.545	Before	Interior Girder 2	42.125	0.95	1	1	3.248518
EV2_serv	BOBJ1	32	98.545	Before	Interior Girder 3	42.125	0.95	1	1	3.163708
EV2_serv	BOBJ1	32	98.545	Before	Interior Girder 4	42.125	0.95	1	1	3.163708
EV2_serv	BOBJ1	32	98.545	Before	Interior Girder 5	42.125	0.95	1	1	3.248518
EV2_serv	BOBJ1	32	98.545	Before	Interior Girder 6	42.125	0.95	1	1	3.341816
EV2_serv	BOBJ1	32	98.545	Before	Right Exterior Girder	42.125	0.95	1	1	4.113516
EV2_serv	BOBJ1	33	98.545	After	Left Exterior Girder	42.125	0.95	1	1	4.061039
EV2_serv	BOBJ1	33	98.545	After	Interior Girder 1	42.125	0.95	1	1	3.360329
EV2_serv	BOBJ1	33	98.545	After	Interior Girder 2	42.125	0.95	1	1	3.248338
EV2_serv	BOBJ1	33	98.545	After	Interior Girder 3	42.125	0.95	1	1	3.135138
EV2_serv	BOBJ1	33	98.545	After	Interior Girder 4	42.125	0.95	1	1	3.135138
EV2_serv	BOBJ1	33	98.545	After	Interior Girder 5	42.125	0.95	1	1	3.248338
EV2_serv	BOBJ1	33	98.545	After	Interior Girder 6	42.125	0.95	1	1	3.360329
EV2_serv	BOBJ1	33	98.545	After	Right Exterior Girder	42.125	0.95	1	1	4.061039
EV2_serv	BOBJ1	34	106.97	Before	Left Exterior Girder	50.55	0.95	1	1	6.282084
EV2_serv	BOBJ1	34	106.97	Before	Interior Girder 1	50.55	0.95	1	1	5.204796
EV2_serv	BOBJ1	34	106.97	Before	Interior Girder 2	50.55	0.95	1	1	4.865543
EV2_serv	BOBJ1	34	106.97	Before	Interior Girder 3	50.55	0.95	1	1	4.790299
EV2_serv	BOBJ1	34	106.97	Before	Interior Girder 4	50.55	0.95	1	1	4.790299
EV2_serv	BOBJ1	34	106.97	Before	Interior Girder 5	50.55	0.95	1	1	4.865543
EV2_serv	BOBJ1	34	106.97	Before	Interior Girder 6	50.55	0.95	1	1	5.204796
EV2_serv	BOBJ1	34	106.97	Before	Right Exterior Girder	50.55	0.95	1	1	6.282084
EV2_serv	BOBJ1	35	106.97	After	Left Exterior Girder	50.55	0.95	1	1	6.127587
EV2_serv	BOBJ1	35	106.97	After	Interior Girder 1	50.55	0.95	1	1	5.286824
EV2_serv	BOBJ1	35	106.97	After	Interior Girder 2	50.55	0.95	1	1	4.86236
EV2_serv	BOBJ1	35	106.97	After	Interior Girder 3	50.55	0.95	1	1	4.71315
EV2_serv	BOBJ1	35	106.97	After	Interior Girder 4	50.55	0.95	1	1	4.71315
EV2_serv	BOBJ1	35	106.97	After	Interior Girder 5	50.55	0.95	1	1	4.86236
EV2_serv	BOBJ1	35	106.97	After	Interior Girder 6	50.55	0.95	1	1	5.286824
EV2_serv	BOBJ1	35	106.97	After	Right Exterior Girder	50.55	0.95	1	1	6.127587
EV2_serv	BOBJ1	36	115.405	Before	Left Exterior Girder	58.985	0.95	1	1	4.322269
EV2_serv	BOBJ1	36	115.405	Before	Interior Girder 1	58.985	0.95	1	1	4.748444
EV2_serv	BOBJ1	36	115.405	Before	Interior Girder 2	58.985	0.95	1	1	4.692036
EV2_serv	BOBJ1	36	115.405	Before	Interior Girder 3	58.985	0.95	1	1	4.552065
EV2_serv	BOBJ1	36	115.405	Before	Interior Girder 4	58.985	0.95	1	1	4.552065
EV2_serv	BOBJ1	36	115.405	Before	Interior Girder 5	58.985	0.95	1	1	4.692036
EV2_serv	BOBJ1	36	115.405	Before	Interior Girder 6	58.985	0.95	1	1	4.748444
EV2_serv	BOBJ1	36	115.405	Before	Right Exterior Girder	58.985	0.95	1	1	4.322269
EV2_serv	BOBJ1	37	115.405	After	Left Exterior Girder	58.985	0.95	1	1	4.41668
EV2_serv	BOBJ1	37	115.405	After	Interior Girder 1	58.985	0.95	1	1	4.665358
EV2_serv	BOBJ1	37	115.405	After	Interior Girder 2	58.985	0.95	1	1	4.646132
EV2_serv	BOBJ1	37	115.405	After	Interior Girder 3	58.985	0.95	1	1	4.537194
EV2_serv	BOBJ1	37	115.405	After	Interior Girder 4	58.985	0.95	1	1	4.537194
EV2_serv	BOBJ1	37	115.405	After	Interior Girder 5	58.985	0.95	1	1	4.646132
EV2_serv	BOBJ1	37	115.405	After	Interior Girder 6	58.985	0.95	1	1	4.665358
EV2_serv	BOBJ1	37	115.405	After	Right Exterior Girder	58.985	0.95	1	1	4.41668
EV2_serv	BOBJ1	38	116.34	Before	Left Exterior Girder	59.92	0.95	1	1	4.098319
EV2_serv	BOBJ1	38	116.34	Before	Right Exterior Girder	59.92	0.95	1	1	4.098319
EV2_serv	BOBJ1	39	116.34	After	Left Exterior Girder	59.92	0.95	1	1	8.13864
EV2_serv	BOBJ1	39	116.34	After	Right Exterior Girder	59.92	0.95	1	1	8.13864
EV2_serv	BOBJ1	40	118.84	Before	Interior Girder 1	62.42	0.95	1	1	3.941026
EV2_serv	BOBJ1	40	118.84	Before	Interior Girder 2	62.42	0.95	1	1	3.894928
EV2_serv	BOBJ1	40	118.84	Before	Interior Girder 3	62.42	0.95	1	1	3.657687
EV2_serv	BOBJ1	40	118.84	Before	Interior Girder 4	62.42	0.95	1	1	3.657687
EV2_serv	BOBJ1	40	118.84	Before	Interior Girder 5	62.42	0.95	1	1	3.894928
EV2_serv	BOBJ1	40	118.84	Before	Interior Girder 6	62.42	0.95	1	1	3.941026
EV2_serv	BOBJ1	41	118.84	After	Interior Girder 1	62.42	0.95	1	1	5.512202

TABLE: Bridge Super Rating AASHTORATE18 31 - SteelICompServ-Flx - Approach, Span 7-11										
Request	BridgeObj	BridgeCut	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	Unitless	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
EV2_serv	BOBJ1	41	118.84	After	Interior Girder 2	62.42	0.95	1	1	5.314923
EV2_serv	BOBJ1	41	118.84	After	Interior Girder 3	62.42	0.95	1	1	5.050453
EV2_serv	BOBJ1	41	118.84	After	Interior Girder 4	62.42	0.95	1	1	5.050453
EV2_serv	BOBJ1	41	118.84	After	Interior Girder 5	62.42	0.95	1	1	5.314923
EV2_serv	BOBJ1	41	118.84	After	Interior Girder 6	62.42	0.95	1	1	5.512202
EV2_serv	BOBJ1	42	123.84	Before	Left Exterior Girder	67.42	0.95	1	1	5.401982
EV2_serv	BOBJ1	42	123.84	Before	Interior Girder 1	67.42	0.95	1	1	4.014466
EV2_serv	BOBJ1	42	123.84	Before	Interior Girder 2	67.42	0.95	1	1	3.77707
EV2_serv	BOBJ1	42	123.84	Before	Interior Girder 3	67.42	0.95	1	1	3.154478
EV2_serv	BOBJ1	42	123.84	Before	Interior Girder 4	67.42	0.95	1	1	3.154478
EV2_serv	BOBJ1	42	123.84	Before	Interior Girder 5	67.42	0.95	1	1	3.77707
EV2_serv	BOBJ1	42	123.84	Before	Interior Girder 6	67.42	0.95	1	1	4.014466
EV2_serv	BOBJ1	42	123.84	Before	Right Exterior Girder	67.42	0.95	1	1	5.401982
EV2_serv	BOBJ1	43	123.84	After	Left Exterior Girder	0	0.95	1	1	5.34845
EV2_serv	BOBJ1	43	123.84	After	Interior Girder 1	0	0.95	1	1	3.953
EV2_serv	BOBJ1	43	123.84	After	Interior Girder 2	0	0.95	1	1	3.755621
EV2_serv	BOBJ1	43	123.84	After	Interior Girder 3	0	0.95	1	1	3.146715
EV2_serv	BOBJ1	43	123.84	After	Interior Girder 4	0	0.95	1	1	3.146715
EV2_serv	BOBJ1	43	123.84	After	Interior Girder 5	0	0.95	1	1	3.755621
EV2_serv	BOBJ1	43	123.84	After	Interior Girder 6	0	0.95	1	1	3.953
EV2_serv	BOBJ1	43	123.84	After	Right Exterior Girder	0	0.95	1	1	5.34845
EV2_serv	BOBJ1	44	128.84	Before	Interior Girder 1	5	0.95	1	1	5.629025
EV2_serv	BOBJ1	44	128.84	Before	Interior Girder 2	5	0.95	1	1	5.406689
EV2_serv	BOBJ1	44	128.84	Before	Interior Girder 3	5	0.95	1	1	5.116013
EV2_serv	BOBJ1	44	128.84	Before	Interior Girder 4	5	0.95	1	1	5.116013
EV2_serv	BOBJ1	44	128.84	Before	Interior Girder 5	5	0.95	1	1	5.406689
EV2_serv	BOBJ1	44	128.84	Before	Interior Girder 6	5	0.95	1	1	5.629025
EV2_serv	BOBJ1	45	128.84	After	Interior Girder 1	5	0.95	1	1	4.032242
EV2_serv	BOBJ1	45	128.84	After	Interior Girder 2	5	0.95	1	1	3.964492
EV2_serv	BOBJ1	45	128.84	After	Interior Girder 3	5	0.95	1	1	3.714654
EV2_serv	BOBJ1	45	128.84	After	Interior Girder 4	5	0.95	1	1	3.714654
EV2_serv	BOBJ1	45	128.84	After	Interior Girder 5	5	0.95	1	1	3.964492
EV2_serv	BOBJ1	45	128.84	After	Interior Girder 6	5	0.95	1	1	4.032242
EV2_serv	BOBJ1	46	131.34	Before	Left Exterior Girder	7.5	0.95	1	1	8.37629
EV2_serv	BOBJ1	46	131.34	Before	Right Exterior Girder	7.5	0.95	1	1	8.37629
EV2_serv	BOBJ1	47	131.34	After	Left Exterior Girder	7.5	0.95	1	1	4.221111
EV2_serv	BOBJ1	47	131.34	After	Right Exterior Girder	7.5	0.95	1	1	4.221111
EV2_serv	BOBJ1	48	132.265	Before	Left Exterior Girder	8.425	0.95	1	1	4.528255
EV2_serv	BOBJ1	48	132.265	Before	Interior Girder 1	8.425	0.95	1	1	4.770166
EV2_serv	BOBJ1	48	132.265	Before	Interior Girder 2	8.425	0.95	1	1	4.726887
EV2_serv	BOBJ1	48	132.265	Before	Interior Girder 3	8.425	0.95	1	1	4.610593
EV2_serv	BOBJ1	48	132.265	Before	Interior Girder 4	8.425	0.95	1	1	4.610593
EV2_serv	BOBJ1	48	132.265	Before	Interior Girder 5	8.425	0.95	1	1	4.726887
EV2_serv	BOBJ1	48	132.265	Before	Interior Girder 6	8.425	0.95	1	1	4.770166
EV2_serv	BOBJ1	48	132.265	Before	Right Exterior Girder	8.425	0.95	1	1	4.528255
EV2_serv	BOBJ1	49	132.265	After	Left Exterior Girder	8.425	0.95	1	1	4.431649
EV2_serv	BOBJ1	49	132.265	After	Interior Girder 1	8.425	0.95	1	1	4.854803
EV2_serv	BOBJ1	49	132.265	After	Interior Girder 2	8.425	0.95	1	1	4.774279
EV2_serv	BOBJ1	49	132.265	After	Interior Girder 3	8.425	0.95	1	1	4.627677
EV2_serv	BOBJ1	49	132.265	After	Interior Girder 4	8.425	0.95	1	1	4.627677
EV2_serv	BOBJ1	49	132.265	After	Interior Girder 5	8.425	0.95	1	1	4.774279
EV2_serv	BOBJ1	49	132.265	After	Interior Girder 6	8.425	0.95	1	1	4.854803
EV2_serv	BOBJ1	49	132.265	After	Right Exterior Girder	8.425	0.95	1	1	4.431649
EV2_serv	BOBJ1	50	140.69	Before	Left Exterior Girder	16.85	0.95	1	1	6.182545
EV2_serv	BOBJ1	50	140.69	Before	Interior Girder 1	16.85	0.95	1	1	5.301486
EV2_serv	BOBJ1	50	140.69	Before	Interior Girder 2	16.85	0.95	1	1	4.876314
EV2_serv	BOBJ1	50	140.69	Before	Interior Girder 3	16.85	0.95	1	1	4.731319
EV2_serv	BOBJ1	50	140.69	Before	Interior Girder 4	16.85	0.95	1	1	4.731319
EV2_serv	BOBJ1	50	140.69	Before	Interior Girder 5	16.85	0.95	1	1	4.876314
EV2_serv	BOBJ1	50	140.69	Before	Interior Girder 6	16.85	0.95	1	1	5.301486
EV2_serv	BOBJ1	50	140.69	Before	Right Exterior Girder	16.85	0.95	1	1	6.182545
EV2_serv	BOBJ1	51	140.69	After	Left Exterior Girder	16.85	0.95	1	1	6.343017
EV2_serv	BOBJ1	51	140.69	After	Interior Girder 1	16.85	0.95	1	1	5.219781
EV2_serv	BOBJ1	51	140.69	After	Interior Girder 2	16.85	0.95	1	1	4.878545
EV2_serv	BOBJ1	51	140.69	After	Interior Girder 3	16.85	0.95	1	1	4.807924
EV2_serv	BOBJ1	51	140.69	After	Interior Girder 4	16.85	0.95	1	1	4.807924
EV2_serv	BOBJ1	51	140.69	After	Interior Girder 5	16.85	0.95	1	1	4.878545
EV2_serv	BOBJ1	51	140.69	After	Interior Girder 6	16.85	0.95	1	1	5.219781
EV2_serv	BOBJ1	51	140.69	After	Right Exterior Girder	16.85	0.95	1	1	6.343017
EV2_serv	BOBJ1	52	149.115	Before	Left Exterior Girder	25.275	0.95	1	1	4.044412
EV2_serv	BOBJ1	52	149.115	Before	Interior Girder 1	25.275	0.95	1	1	3.342792
EV2_serv	BOBJ1	52	149.115	Before	Interior Girder 2	25.275	0.95	1	1	3.237856
EV2_serv	BOBJ1	52	149.115	Before	Interior Girder 3	25.275	0.95	1	1	3.132569

TABLE: Bridge Super Rating AASHTORATE18 31 - SteelICompServ-Flx - Approach, Span 7-11										
Request	BridgeObj	BridgeCut	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	Unitless	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
EV2_serv	BOBJ1	52	149.115	Before	Interior Girder 4	25.275	0.95	1	1	3.132569
EV2_serv	BOBJ1	52	149.115	Before	Interior Girder 5	25.275	0.95	1	1	3.237856
EV2_serv	BOBJ1	52	149.115	Before	Interior Girder 6	25.275	0.95	1	1	3.342792
EV2_serv	BOBJ1	52	149.115	Before	Right Exterior Girder	25.275	0.95	1	1	4.044412
EV2_serv	BOBJ1	53	149.115	After	Left Exterior Girder	25.275	0.95	1	1	4.099818
EV2_serv	BOBJ1	53	149.115	After	Interior Girder 1	25.275	0.95	1	1	3.32478
EV2_serv	BOBJ1	53	149.115	After	Interior Girder 2	25.275	0.95	1	1	3.237041
EV2_serv	BOBJ1	53	149.115	After	Interior Girder 3	25.275	0.95	1	1	3.160707
EV2_serv	BOBJ1	53	149.115	After	Interior Girder 4	25.275	0.95	1	1	3.160707
EV2_serv	BOBJ1	53	149.115	After	Interior Girder 5	25.275	0.95	1	1	3.237041
EV2_serv	BOBJ1	53	149.115	After	Interior Girder 6	25.275	0.95	1	1	3.32478
EV2_serv	BOBJ1	53	149.115	After	Right Exterior Girder	25.275	0.95	1	1	4.099818
EV2_serv	BOBJ1	54	157.54	Before	Left Exterior Girder	33.7	0.95	1	1	3.371892
EV2_serv	BOBJ1	54	157.54	Before	Interior Girder 1	33.7	0.95	1	1	3.227117
EV2_serv	BOBJ1	54	157.54	Before	Interior Girder 2	33.7	0.95	1	1	3.139845
EV2_serv	BOBJ1	54	157.54	Before	Interior Girder 3	33.7	0.95	1	1	3.138799
EV2_serv	BOBJ1	54	157.54	Before	Interior Girder 4	33.7	0.95	1	1	3.138799
EV2_serv	BOBJ1	54	157.54	Before	Interior Girder 5	33.7	0.95	1	1	3.139845
EV2_serv	BOBJ1	54	157.54	Before	Interior Girder 6	33.7	0.95	1	1	3.227117
EV2_serv	BOBJ1	54	157.54	Before	Right Exterior Girder	33.7	0.95	1	1	3.371892
EV2_serv	BOBJ1	55	157.54	After	Left Exterior Girder	33.7	0.95	1	1	3.37231
EV2_serv	BOBJ1	55	157.54	After	Interior Girder 1	33.7	0.95	1	1	3.22715
EV2_serv	BOBJ1	55	157.54	After	Interior Girder 2	33.7	0.95	1	1	3.139714
EV2_serv	BOBJ1	55	157.54	After	Interior Girder 3	33.7	0.95	1	1	3.138964
EV2_serv	BOBJ1	55	157.54	After	Interior Girder 4	33.7	0.95	1	1	3.138964
EV2_serv	BOBJ1	55	157.54	After	Interior Girder 5	33.7	0.95	1	1	3.139714
EV2_serv	BOBJ1	55	157.54	After	Interior Girder 6	33.7	0.95	1	1	3.22715
EV2_serv	BOBJ1	55	157.54	After	Right Exterior Girder	33.7	0.95	1	1	3.37231
EV2_serv	BOBJ1	56	165.965	Before	Left Exterior Girder	42.125	0.95	1	1	4.096629
EV2_serv	BOBJ1	56	165.965	Before	Interior Girder 1	42.125	0.95	1	1	3.323584
EV2_serv	BOBJ1	56	165.965	Before	Interior Girder 2	42.125	0.95	1	1	3.235913
EV2_serv	BOBJ1	56	165.965	Before	Interior Girder 3	42.125	0.95	1	1	3.159383
EV2_serv	BOBJ1	56	165.965	Before	Interior Girder 4	42.125	0.95	1	1	3.159383
EV2_serv	BOBJ1	56	165.965	Before	Interior Girder 5	42.125	0.95	1	1	3.235913
EV2_serv	BOBJ1	56	165.965	Before	Interior Girder 6	42.125	0.95	1	1	3.323584
EV2_serv	BOBJ1	56	165.965	Before	Right Exterior Girder	42.125	0.95	1	1	4.096629
EV2_serv	BOBJ1	57	165.965	After	Left Exterior Girder	42.125	0.95	1	1	4.041669
EV2_serv	BOBJ1	57	165.965	After	Interior Girder 1	42.125	0.95	1	1	3.341473
EV2_serv	BOBJ1	57	165.965	After	Interior Girder 2	42.125	0.95	1	1	3.236701
EV2_serv	BOBJ1	57	165.965	After	Interior Girder 3	42.125	0.95	1	1	3.131375
EV2_serv	BOBJ1	57	165.965	After	Interior Girder 4	42.125	0.95	1	1	3.131375
EV2_serv	BOBJ1	57	165.965	After	Interior Girder 5	42.125	0.95	1	1	3.236701
EV2_serv	BOBJ1	57	165.965	After	Interior Girder 6	42.125	0.95	1	1	3.341473
EV2_serv	BOBJ1	57	165.965	After	Right Exterior Girder	42.125	0.95	1	1	4.041669
EV2_serv	BOBJ1	58	174.39	Before	Left Exterior Girder	50.55	0.95	1	1	6.330786
EV2_serv	BOBJ1	58	174.39	Before	Interior Girder 1	50.55	0.95	1	1	5.214386
EV2_serv	BOBJ1	58	174.39	Before	Interior Girder 2	50.55	0.95	1	1	4.873968
EV2_serv	BOBJ1	58	174.39	Before	Interior Girder 3	50.55	0.95	1	1	4.802614
EV2_serv	BOBJ1	58	174.39	Before	Interior Girder 4	50.55	0.95	1	1	4.802614
EV2_serv	BOBJ1	58	174.39	Before	Interior Girder 5	50.55	0.95	1	1	4.873968
EV2_serv	BOBJ1	58	174.39	Before	Interior Girder 6	50.55	0.95	1	1	5.214386
EV2_serv	BOBJ1	58	174.39	Before	Right Exterior Girder	50.55	0.95	1	1	6.330786
EV2_serv	BOBJ1	59	174.39	After	Left Exterior Girder	50.55	0.95	1	1	6.170983
EV2_serv	BOBJ1	59	174.39	After	Interior Girder 1	50.55	0.95	1	1	5.296132
EV2_serv	BOBJ1	59	174.39	After	Interior Girder 2	50.55	0.95	1	1	4.87184
EV2_serv	BOBJ1	59	174.39	After	Interior Girder 3	50.55	0.95	1	1	4.726268
EV2_serv	BOBJ1	59	174.39	After	Interior Girder 4	50.55	0.95	1	1	4.726268
EV2_serv	BOBJ1	59	174.39	After	Interior Girder 5	50.55	0.95	1	1	4.87184
EV2_serv	BOBJ1	59	174.39	After	Interior Girder 6	50.55	0.95	1	1	5.296132
EV2_serv	BOBJ1	59	174.39	After	Right Exterior Girder	50.55	0.95	1	1	6.170983
EV2_serv	BOBJ1	60	182.825	Before	Left Exterior Girder	58.985	0.95	1	1	4.435879
EV2_serv	BOBJ1	60	182.825	Before	Interior Girder 1	58.985	0.95	1	1	4.853101
EV2_serv	BOBJ1	60	182.825	Before	Interior Girder 2	58.985	0.95	1	1	4.772009
EV2_serv	BOBJ1	60	182.825	Before	Interior Girder 3	58.985	0.95	1	1	4.630462
EV2_serv	BOBJ1	60	182.825	Before	Interior Girder 4	58.985	0.95	1	1	4.630462
EV2_serv	BOBJ1	60	182.825	Before	Interior Girder 5	58.985	0.95	1	1	4.772009
EV2_serv	BOBJ1	60	182.825	Before	Interior Girder 6	58.985	0.95	1	1	4.853101
EV2_serv	BOBJ1	60	182.825	Before	Right Exterior Girder	58.985	0.95	1	1	4.435879
EV2_serv	BOBJ1	61	182.825	After	Left Exterior Girder	58.985	0.95	1	1	4.532812
EV2_serv	BOBJ1	61	182.825	After	Interior Girder 1	58.985	0.95	1	1	4.768496
EV2_serv	BOBJ1	61	182.825	After	Interior Girder 2	58.985	0.95	1	1	4.724481
EV2_serv	BOBJ1	61	182.825	After	Interior Girder 3	58.985	0.95	1	1	4.613794
EV2_serv	BOBJ1	61	182.825	After	Interior Girder 4	58.985	0.95	1	1	4.613794

TABLE: Bridge Super Rating AASHTORATE18 31 - SteelICompServ-Flx - Approach, Span 7-11										
Request	BridgeObj	BridgeCut	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	Unitless	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
EV2_serv	BOBJ1	61	182.825	After	Interior Girder 5	58.985	0.95	1	1	4.724481
EV2_serv	BOBJ1	61	182.825	After	Interior Girder 6	58.985	0.95	1	1	4.768496
EV2_serv	BOBJ1	61	182.825	After	Right Exterior Girder	58.985	0.95	1	1	4.532812
EV2_serv	BOBJ1	62	183.76	Before	Left Exterior Girder	59.92	0.95	1	1	4.206978
EV2_serv	BOBJ1	62	183.76	Before	Right Exterior Girder	59.92	0.95	1	1	4.206978
EV2_serv	BOBJ1	63	183.76	After	Left Exterior Girder	59.92	0.95	1	1	8.354596
EV2_serv	BOBJ1	63	183.76	After	Right Exterior Girder	59.92	0.95	1	1	8.354596
EV2_serv	BOBJ1	64	186.26	Before	Interior Girder 1	62.42	0.95	1	1	4.027435
EV2_serv	BOBJ1	64	186.26	Before	Interior Girder 2	62.42	0.95	1	1	3.959591
EV2_serv	BOBJ1	64	186.26	Before	Interior Girder 3	62.42	0.95	1	1	3.715224
EV2_serv	BOBJ1	64	186.26	Before	Interior Girder 4	62.42	0.95	1	1	3.715224
EV2_serv	BOBJ1	64	186.26	Before	Interior Girder 5	62.42	0.95	1	1	3.959591
EV2_serv	BOBJ1	64	186.26	Before	Interior Girder 6	62.42	0.95	1	1	4.027435
EV2_serv	BOBJ1	65	186.26	After	Interior Girder 1	62.42	0.95	1	1	5.62359
EV2_serv	BOBJ1	65	186.26	After	Interior Girder 2	62.42	0.95	1	1	5.400973
EV2_serv	BOBJ1	65	186.26	After	Interior Girder 3	62.42	0.95	1	1	5.117695
EV2_serv	BOBJ1	65	186.26	After	Interior Girder 4	62.42	0.95	1	1	5.117695
EV2_serv	BOBJ1	65	186.26	After	Interior Girder 5	62.42	0.95	1	1	5.400973
EV2_serv	BOBJ1	65	186.26	After	Interior Girder 6	62.42	0.95	1	1	5.62359
EV2_serv	BOBJ1	66	191.26	Before	Left Exterior Girder	67.42	0.95	1	1	5.35109
EV2_serv	BOBJ1	66	191.26	Before	Interior Girder 1	67.42	0.95	1	1	3.946593
EV2_serv	BOBJ1	66	191.26	Before	Interior Girder 2	67.42	0.95	1	1	3.747897
EV2_serv	BOBJ1	66	191.26	Before	Interior Girder 3	67.42	0.95	1	1	3.146355
EV2_serv	BOBJ1	66	191.26	Before	Interior Girder 4	67.42	0.95	1	1	3.146355
EV2_serv	BOBJ1	66	191.26	Before	Interior Girder 5	67.42	0.95	1	1	3.747897
EV2_serv	BOBJ1	66	191.26	Before	Interior Girder 6	67.42	0.95	1	1	3.946593
EV2_serv	BOBJ1	66	191.26	Before	Right Exterior Girder	67.42	0.95	1	1	5.35109
EV2_serv	BOBJ1	67	191.26	After	Left Exterior Girder	0	0.95	1	1	5.394206
EV2_serv	BOBJ1	67	191.26	After	Interior Girder 1	0	0.95	1	1	4.01755
EV2_serv	BOBJ1	67	191.26	After	Interior Girder 2	0	0.95	1	1	3.782323
EV2_serv	BOBJ1	67	191.26	After	Interior Girder 3	0	0.95	1	1	3.153081
EV2_serv	BOBJ1	67	191.26	After	Interior Girder 4	0	0.95	1	1	3.153081
EV2_serv	BOBJ1	67	191.26	After	Interior Girder 5	0	0.95	1	1	3.782323
EV2_serv	BOBJ1	67	191.26	After	Interior Girder 6	0	0.95	1	1	4.01755
EV2_serv	BOBJ1	67	191.26	After	Right Exterior Girder	0	0.95	1	1	5.394206
EV2_serv	BOBJ1	68	196.26	Before	Interior Girder 1	5	0.95	1	1	5.514267
EV2_serv	BOBJ1	68	196.26	Before	Interior Girder 2	5	0.95	1	1	5.318283
EV2_serv	BOBJ1	68	196.26	Before	Interior Girder 3	5	0.95	1	1	5.046939
EV2_serv	BOBJ1	68	196.26	Before	Interior Girder 4	5	0.95	1	1	5.046939
EV2_serv	BOBJ1	68	196.26	Before	Interior Girder 5	5	0.95	1	1	5.318283
EV2_serv	BOBJ1	68	196.26	Before	Interior Girder 6	5	0.95	1	1	5.514267
EV2_serv	BOBJ1	69	196.26	After	Interior Girder 1	5	0.95	1	1	3.942408
EV2_serv	BOBJ1	69	196.26	After	Interior Girder 2	5	0.95	1	1	3.897468
EV2_serv	BOBJ1	69	196.26	After	Interior Girder 3	5	0.95	1	1	3.655171
EV2_serv	BOBJ1	69	196.26	After	Interior Girder 4	5	0.95	1	1	3.655171
EV2_serv	BOBJ1	69	196.26	After	Interior Girder 5	5	0.95	1	1	3.897468
EV2_serv	BOBJ1	69	196.26	After	Interior Girder 6	5	0.95	1	1	3.942408
EV2_serv	BOBJ1	70	198.76	Before	Left Exterior Girder	7.5	0.95	1	1	8.156034
EV2_serv	BOBJ1	70	198.76	Before	Right Exterior Girder	7.5	0.95	1	1	8.156034
EV2_serv	BOBJ1	71	198.76	After	Left Exterior Girder	7.5	0.95	1	1	4.108251
EV2_serv	BOBJ1	71	198.76	After	Right Exterior Girder	7.5	0.95	1	1	4.108251
EV2_serv	BOBJ1	72	199.685	Before	Left Exterior Girder	8.425	0.95	1	1	4.408548
EV2_serv	BOBJ1	72	199.685	Before	Interior Girder 1	8.425	0.95	1	1	4.66415
EV2_serv	BOBJ1	72	199.685	Before	Interior Girder 2	8.425	0.95	1	1	4.646513
EV2_serv	BOBJ1	72	199.685	Before	Interior Girder 3	8.425	0.95	1	1	4.532404
EV2_serv	BOBJ1	72	199.685	Before	Interior Girder 4	8.425	0.95	1	1	4.532404
EV2_serv	BOBJ1	72	199.685	Before	Interior Girder 5	8.425	0.95	1	1	4.646513
EV2_serv	BOBJ1	72	199.685	Before	Interior Girder 6	8.425	0.95	1	1	4.66415
EV2_serv	BOBJ1	72	199.685	Before	Right Exterior Girder	8.425	0.95	1	1	4.408548
EV2_serv	BOBJ1	73	199.685	After	Left Exterior Girder	8.425	0.95	1	1	4.314233
EV2_serv	BOBJ1	73	199.685	After	Interior Girder 1	8.425	0.95	1	1	4.747504
EV2_serv	BOBJ1	73	199.685	After	Interior Girder 2	8.425	0.95	1	1	4.692323
EV2_serv	BOBJ1	73	199.685	After	Interior Girder 3	8.425	0.95	1	1	4.547749
EV2_serv	BOBJ1	73	199.685	After	Interior Girder 4	8.425	0.95	1	1	4.547749
EV2_serv	BOBJ1	73	199.685	After	Interior Girder 5	8.425	0.95	1	1	4.692323
EV2_serv	BOBJ1	73	199.685	After	Interior Girder 6	8.425	0.95	1	1	4.747504
EV2_serv	BOBJ1	73	199.685	After	Right Exterior Girder	8.425	0.95	1	1	4.314233
EV2_serv	BOBJ1	74	208.11	Before	Left Exterior Girder	16.85	0.95	1	1	6.14055
EV2_serv	BOBJ1	74	208.11	Before	Interior Girder 1	16.85	0.95	1	1	5.292993
EV2_serv	BOBJ1	74	208.11	Before	Interior Girder 2	16.85	0.95	1	1	4.86733
EV2_serv	BOBJ1	74	208.11	Before	Interior Girder 3	16.85	0.95	1	1	4.718562
EV2_serv	BOBJ1	74	208.11	Before	Interior Girder 4	16.85	0.95	1	1	4.718562
EV2_serv	BOBJ1	74	208.11	Before	Interior Girder 5	16.85	0.95	1	1	4.86733

TABLE: Bridge Super Rating AASHTORATE18 31 - SteelICompServ-Flx - Approach, Span 7-11										
Request	BridgeObj	BridgeCut	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	Unitless	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
EV2_serv	BOBJ1	74	208.11	Before	Interior Girder 6	16.85	0.95	1	1	5.292993
EV2_serv	BOBJ1	74	208.11	Before	Right Exterior Girder	16.85	0.95	1	1	6.14055
EV2_serv	BOBJ1	75	208.11	After	Left Exterior Girder	16.85	0.95	1	1	6.29604
EV2_serv	BOBJ1	75	208.11	After	Interior Girder 1	16.85	0.95	1	1	5.210972
EV2_serv	BOBJ1	75	208.11	After	Interior Girder 2	16.85	0.95	1	1	4.870513
EV2_serv	BOBJ1	75	208.11	After	Interior Girder 3	16.85	0.95	1	1	4.795839
EV2_serv	BOBJ1	75	208.11	After	Interior Girder 4	16.85	0.95	1	1	4.795839
EV2_serv	BOBJ1	75	208.11	After	Interior Girder 5	16.85	0.95	1	1	4.870513
EV2_serv	BOBJ1	75	208.11	After	Interior Girder 6	16.85	0.95	1	1	5.210972
EV2_serv	BOBJ1	75	208.11	After	Right Exterior Girder	16.85	0.95	1	1	6.29604
EV2_serv	BOBJ1	76	216.535	Before	Left Exterior Girder	25.275	0.95	1	1	4.062996
EV2_serv	BOBJ1	76	216.535	Before	Interior Girder 1	25.275	0.95	1	1	3.361024
EV2_serv	BOBJ1	76	216.535	Before	Interior Girder 2	25.275	0.95	1	1	3.249054
EV2_serv	BOBJ1	76	216.535	Before	Interior Girder 3	25.275	0.95	1	1	3.136017
EV2_serv	BOBJ1	76	216.535	Before	Interior Girder 4	25.275	0.95	1	1	3.136017
EV2_serv	BOBJ1	76	216.535	Before	Interior Girder 5	25.275	0.95	1	1	3.249054
EV2_serv	BOBJ1	76	216.535	Before	Interior Girder 6	25.275	0.95	1	1	3.361024
EV2_serv	BOBJ1	76	216.535	Before	Right Exterior Girder	25.275	0.95	1	1	4.062996
EV2_serv	BOBJ1	77	216.535	After	Left Exterior Girder	25.275	0.95	1	1	4.116253
EV2_serv	BOBJ1	77	216.535	After	Interior Girder 1	25.275	0.95	1	1	3.342366
EV2_serv	BOBJ1	77	216.535	After	Interior Girder 2	25.275	0.95	1	1	3.249099
EV2_serv	BOBJ1	77	216.535	After	Interior Girder 3	25.275	0.95	1	1	3.164582
EV2_serv	BOBJ1	77	216.535	After	Interior Girder 4	25.275	0.95	1	1	3.164582
EV2_serv	BOBJ1	77	216.535	After	Interior Girder 5	25.275	0.95	1	1	3.249099
EV2_serv	BOBJ1	77	216.535	After	Interior Girder 6	25.275	0.95	1	1	3.342366
EV2_serv	BOBJ1	77	216.535	After	Right Exterior Girder	25.275	0.95	1	1	4.116253
EV2_serv	BOBJ1	78	224.96	Before	Left Exterior Girder	33.7	0.95	1	1	3.420575
EV2_serv	BOBJ1	78	224.96	Before	Interior Girder 1	33.7	0.95	1	1	3.265688
EV2_serv	BOBJ1	78	224.96	Before	Interior Girder 2	33.7	0.95	1	1	3.162653
EV2_serv	BOBJ1	78	224.96	Before	Interior Girder 3	33.7	0.95	1	1	3.151003
EV2_serv	BOBJ1	78	224.96	Before	Interior Girder 4	33.7	0.95	1	1	3.151003
EV2_serv	BOBJ1	78	224.96	Before	Interior Girder 5	33.7	0.95	1	1	3.162653
EV2_serv	BOBJ1	78	224.96	Before	Interior Girder 6	33.7	0.95	1	1	3.265688
EV2_serv	BOBJ1	78	224.96	Before	Right Exterior Girder	33.7	0.95	1	1	3.420575
EV2_serv	BOBJ1	79	224.96	After	Left Exterior Girder	33.7	0.95	1	1	3.417056
EV2_serv	BOBJ1	79	224.96	After	Interior Girder 1	33.7	0.95	1	1	3.266452
EV2_serv	BOBJ1	79	224.96	After	Interior Girder 2	33.7	0.95	1	1	3.166361
EV2_serv	BOBJ1	79	224.96	After	Interior Girder 3	33.7	0.95	1	1	3.152532
EV2_serv	BOBJ1	79	224.96	After	Interior Girder 4	33.7	0.95	1	1	3.152532
EV2_serv	BOBJ1	79	224.96	After	Interior Girder 5	33.7	0.95	1	1	3.166361
EV2_serv	BOBJ1	79	224.96	After	Interior Girder 6	33.7	0.95	1	1	3.266452
EV2_serv	BOBJ1	79	224.96	After	Right Exterior Girder	33.7	0.95	1	1	3.417056
EV2_serv	BOBJ1	80	233.385	Before	Left Exterior Girder	42.125	0.95	1	1	4.217208
EV2_serv	BOBJ1	80	233.385	Before	Interior Girder 1	42.125	0.95	1	1	3.378823
EV2_serv	BOBJ1	80	233.385	Before	Interior Girder 2	42.125	0.95	1	1	3.27266
EV2_serv	BOBJ1	80	233.385	Before	Interior Girder 3	42.125	0.95	1	1	3.182818
EV2_serv	BOBJ1	80	233.385	Before	Interior Girder 4	42.125	0.95	1	1	3.182818
EV2_serv	BOBJ1	80	233.385	Before	Interior Girder 5	42.125	0.95	1	1	3.27266
EV2_serv	BOBJ1	80	233.385	Before	Interior Girder 6	42.125	0.95	1	1	3.378823
EV2_serv	BOBJ1	80	233.385	Before	Right Exterior Girder	42.125	0.95	1	1	4.217208
EV2_serv	BOBJ1	81	233.385	After	Left Exterior Girder	42.125	0.95	1	1	4.154037
EV2_serv	BOBJ1	81	233.385	After	Interior Girder 1	42.125	0.95	1	1	3.400401
EV2_serv	BOBJ1	81	233.385	After	Interior Girder 2	42.125	0.95	1	1	3.274036
EV2_serv	BOBJ1	81	233.385	After	Interior Girder 3	42.125	0.95	1	1	3.153266
EV2_serv	BOBJ1	81	233.385	After	Interior Girder 4	42.125	0.95	1	1	3.153266
EV2_serv	BOBJ1	81	233.385	After	Interior Girder 5	42.125	0.95	1	1	3.274036
EV2_serv	BOBJ1	81	233.385	After	Interior Girder 6	42.125	0.95	1	1	3.400401
EV2_serv	BOBJ1	81	233.385	After	Right Exterior Girder	42.125	0.95	1	1	4.154037
EV2_serv	BOBJ1	82	241.81	Before	Left Exterior Girder	50.55	0.95	1	1	6.64003
EV2_serv	BOBJ1	82	241.81	Before	Interior Girder 1	50.55	0.95	1	1	5.340688
EV2_serv	BOBJ1	82	241.81	Before	Interior Girder 2	50.55	0.95	1	1	4.946263
EV2_serv	BOBJ1	82	241.81	Before	Interior Girder 3	50.55	0.95	1	1	4.850561
EV2_serv	BOBJ1	82	241.81	Before	Interior Girder 4	50.55	0.95	1	1	4.850561
EV2_serv	BOBJ1	82	241.81	Before	Interior Girder 5	50.55	0.95	1	1	4.946263
EV2_serv	BOBJ1	82	241.81	Before	Interior Girder 6	50.55	0.95	1	1	5.340688
EV2_serv	BOBJ1	82	241.81	Before	Right Exterior Girder	50.55	0.95	1	1	6.64003
EV2_serv	BOBJ1	83	241.81	After	Left Exterior Girder	50.55	0.95	1	1	6.491789
EV2_serv	BOBJ1	83	241.81	After	Interior Girder 1	50.55	0.95	1	1	5.422637
EV2_serv	BOBJ1	83	241.81	After	Interior Girder 2	50.55	0.95	1	1	4.96984
EV2_serv	BOBJ1	83	241.81	After	Interior Girder 3	50.55	0.95	1	1	4.8219
EV2_serv	BOBJ1	83	241.81	After	Interior Girder 4	50.55	0.95	1	1	4.8219
EV2_serv	BOBJ1	83	241.81	After	Interior Girder 5	50.55	0.95	1	1	4.96984
EV2_serv	BOBJ1	83	241.81	After	Interior Girder 6	50.55	0.95	1	1	5.422637

TABLE: Bridge Super Rating AASHTORATE18 31 - SteelICompServ-Flx - Approach, Span 7-11										
Request	BridgeObj	BridgeCut	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	Unitless	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
EV2_serv	BOBJ1	83	241.81	After	Right Exterior Girder	50.55	0.95	1	1	6.491789
EV2_serv	BOBJ1	84	245.18	Before	Left Exterior Girder	53.92	0.95	1	1	6.457847
EV2_serv	BOBJ1	84	245.18	Before	Interior Girder 1	53.92	0.95	1	1	6.58226
EV2_serv	BOBJ1	84	245.18	Before	Interior Girder 2	53.92	0.95	1	1	6.099553
EV2_serv	BOBJ1	84	245.18	Before	Interior Girder 3	53.92	0.95	1	1	5.939502
EV2_serv	BOBJ1	84	245.18	Before	Interior Girder 4	53.92	0.95	1	1	5.939502
EV2_serv	BOBJ1	84	245.18	Before	Interior Girder 5	53.92	0.95	1	1	6.099553
EV2_serv	BOBJ1	84	245.18	Before	Interior Girder 6	53.92	0.95	1	1	6.58226
EV2_serv	BOBJ1	84	245.18	Before	Right Exterior Girder	53.92	0.95	1	1	6.457847
EV2_serv	BOBJ1	85	245.18	After	Left Exterior Girder	53.92	0.95	1	1	7.511658
EV2_serv	BOBJ1	85	245.18	After	Interior Girder 1	53.92	0.95	1	1	7.043199
EV2_serv	BOBJ1	85	245.18	After	Interior Girder 2	53.92	0.95	1	1	6.42297
EV2_serv	BOBJ1	85	245.18	After	Interior Girder 3	53.92	0.95	1	1	6.142722
EV2_serv	BOBJ1	85	245.18	After	Interior Girder 4	53.92	0.95	1	1	6.142722
EV2_serv	BOBJ1	85	245.18	After	Interior Girder 5	53.92	0.95	1	1	6.42297
EV2_serv	BOBJ1	85	245.18	After	Interior Girder 6	53.92	0.95	1	1	7.043199
EV2_serv	BOBJ1	85	245.18	After	Right Exterior Girder	53.92	0.95	1	1	7.511658
EV2_serv	BOBJ1	86	250.245	Before	Left Exterior Girder	58.985	0.95	1	1	5.696276
EV2_serv	BOBJ1	86	250.245	Before	Interior Girder 1	58.985	0.95	1	1	5.673144
EV2_serv	BOBJ1	86	250.245	Before	Interior Girder 2	58.985	0.95	1	1	5.417302
EV2_serv	BOBJ1	86	250.245	Before	Interior Girder 3	58.985	0.95	1	1	5.25855
EV2_serv	BOBJ1	86	250.245	Before	Interior Girder 4	58.985	0.95	1	1	5.25855
EV2_serv	BOBJ1	86	250.245	Before	Interior Girder 5	58.985	0.95	1	1	5.417302
EV2_serv	BOBJ1	86	250.245	Before	Interior Girder 6	58.985	0.95	1	1	5.673144
EV2_serv	BOBJ1	86	250.245	Before	Right Exterior Girder	58.985	0.95	1	1	5.696276
EV2_serv	BOBJ1	87	250.245	After	Left Exterior Girder	58.985	0.95	1	1	5.745332
EV2_serv	BOBJ1	87	250.245	After	Interior Girder 1	58.985	0.95	1	1	5.617456
EV2_serv	BOBJ1	87	250.245	After	Interior Girder 2	58.985	0.95	1	1	5.363498
EV2_serv	BOBJ1	87	250.245	After	Interior Girder 3	58.985	0.95	1	1	5.22591
EV2_serv	BOBJ1	87	250.245	After	Interior Girder 4	58.985	0.95	1	1	5.22591
EV2_serv	BOBJ1	87	250.245	After	Interior Girder 5	58.985	0.95	1	1	5.363498
EV2_serv	BOBJ1	87	250.245	After	Interior Girder 6	58.985	0.95	1	1	5.617456
EV2_serv	BOBJ1	87	250.245	After	Right Exterior Girder	58.985	0.95	1	1	5.745332
EV2_serv	BOBJ1	88	251.68	Before	Left Exterior Girder	60.42	0.95	1	1	5.250117
EV2_serv	BOBJ1	88	251.68	Before	Right Exterior Girder	60.42	0.95	1	1	5.250117
EV2_serv	BOBJ1	89	251.68	After	Left Exterior Girder	60.42	0.95	1	1	9.112186
EV2_serv	BOBJ1	89	251.68	After	Right Exterior Girder	60.42	0.95	1	1	9.112186
EV2_serv	BOBJ1	90	254.18	Before	Interior Girder 1	62.92	0.95	1	1	4.616216
EV2_serv	BOBJ1	90	254.18	Before	Interior Girder 2	62.92	0.95	1	1	4.397477
EV2_serv	BOBJ1	90	254.18	Before	Interior Girder 3	62.92	0.95	1	1	4.033029
EV2_serv	BOBJ1	90	254.18	Before	Interior Girder 4	62.92	0.95	1	1	4.033029
EV2_serv	BOBJ1	90	254.18	Before	Interior Girder 5	62.92	0.95	1	1	4.397477
EV2_serv	BOBJ1	90	254.18	Before	Interior Girder 6	62.92	0.95	1	1	4.616216
EV2_serv	BOBJ1	91	254.18	After	Interior Girder 1	62.92	0.95	1	1	5.643805
EV2_serv	BOBJ1	91	254.18	After	Interior Girder 2	62.92	0.95	1	1	5.274313
EV2_serv	BOBJ1	91	254.18	After	Interior Girder 3	62.92	0.95	1	1	4.871903
EV2_serv	BOBJ1	91	254.18	After	Interior Girder 4	62.92	0.95	1	1	4.871903
EV2_serv	BOBJ1	91	254.18	After	Interior Girder 5	62.92	0.95	1	1	5.274313
EV2_serv	BOBJ1	91	254.18	After	Interior Girder 6	62.92	0.95	1	1	5.643805
EV2_serv	BOBJ1	92	258.68	Before	Left Exterior Girder	67.42	0.95	1	1	5.229545
EV2_serv	BOBJ1	92	258.68	Before	Interior Girder 1	67.42	0.95	1	1	3.600617
EV2_serv	BOBJ1	92	258.68	Before	Interior Girder 2	67.42	0.95	1	1	3.405407
EV2_serv	BOBJ1	92	258.68	Before	Interior Girder 3	67.42	0.95	1	1	2.881444
EV2_serv	BOBJ1	92	258.68	Before	Interior Girder 4	67.42	0.95	1	1	2.881444
EV2_serv	BOBJ1	92	258.68	Before	Interior Girder 5	67.42	0.95	1	1	3.405407
EV2_serv	BOBJ1	92	258.68	Before	Interior Girder 6	67.42	0.95	1	1	3.600617
EV2_serv	BOBJ1	92	258.68	Before	Right Exterior Girder	67.42	0.95	1	1	5.229545
EV2_serv	BOBJ1	93	258.68	After	Left Exterior Girder	0	0.95	1	1	5.353799
EV2_serv	BOBJ1	93	258.68	After	Interior Girder 1	0	0.95	1	1	3.812625
EV2_serv	BOBJ1	93	258.68	After	Interior Girder 2	0	0.95	1	1	3.547431
EV2_serv	BOBJ1	93	258.68	After	Interior Girder 3	0	0.95	1	1	2.935495
EV2_serv	BOBJ1	93	258.68	After	Interior Girder 4	0	0.95	1	1	2.935495
EV2_serv	BOBJ1	93	258.68	After	Interior Girder 5	0	0.95	1	1	3.547431
EV2_serv	BOBJ1	93	258.68	After	Interior Girder 6	0	0.95	1	1	3.812625
EV2_serv	BOBJ1	93	258.68	After	Right Exterior Girder	0	0.95	1	1	5.353799
EV2_serv	BOBJ1	94	263.18	Before	Interior Girder 1	4.5	0.95	1	1	4.954396
EV2_serv	BOBJ1	94	263.18	Before	Interior Girder 2	4.5	0.95	1	1	4.770224
EV2_serv	BOBJ1	94	263.18	Before	Interior Girder 3	4.5	0.95	1	1	4.50783
EV2_serv	BOBJ1	94	263.18	Before	Interior Girder 4	4.5	0.95	1	1	4.50783
EV2_serv	BOBJ1	94	263.18	Before	Interior Girder 5	4.5	0.95	1	1	4.770224
EV2_serv	BOBJ1	94	263.18	Before	Interior Girder 6	4.5	0.95	1	1	4.954396
EV2_serv	BOBJ1	95	263.18	After	Interior Girder 1	4.5	0.95	1	1	4.034538
EV2_serv	BOBJ1	95	263.18	After	Interior Girder 2	4.5	0.95	1	1	3.971391

TABLE: Bridge Super Rating AASHTORATE18 31 - SteelICompServ-Flx - Approach, Span 7-11										
Request	BridgeObj	BridgeCut	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	Unitless	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
EV2_serv	BOBJ1	95	263.18	After	Interior Girder 3	4.5	0.95	1	1	3.723972
EV2_serv	BOBJ1	95	263.18	After	Interior Girder 4	4.5	0.95	1	1	3.723972
EV2_serv	BOBJ1	95	263.18	After	Interior Girder 5	4.5	0.95	1	1	3.971391
EV2_serv	BOBJ1	95	263.18	After	Interior Girder 6	4.5	0.95	1	1	4.034538
EV2_serv	BOBJ1	96	265.68	Before	Left Exterior Girder	7	0.95	1	1	7.5678
EV2_serv	BOBJ1	96	265.68	Before	Right Exterior Girder	7	0.95	1	1	7.5678
EV2_serv	BOBJ1	97	265.68	After	Left Exterior Girder	7	0.95	1	1	4.382404
EV2_serv	BOBJ1	97	265.68	After	Right Exterior Girder	7	0.95	1	1	4.382404
EV2_serv	BOBJ1	98	268.08	Before	Left Exterior Girder	9.4	0.95	1	1	5.112393
EV2_serv	BOBJ1	98	268.08	Before	Interior Girder 1	9.4	0.95	1	1	5.106251
EV2_serv	BOBJ1	98	268.08	Before	Interior Girder 2	9.4	0.95	1	1	5.061908
EV2_serv	BOBJ1	98	268.08	Before	Interior Girder 3	9.4	0.95	1	1	4.97626
EV2_serv	BOBJ1	98	268.08	Before	Interior Girder 4	9.4	0.95	1	1	4.97626
EV2_serv	BOBJ1	98	268.08	Before	Interior Girder 5	9.4	0.95	1	1	5.061908
EV2_serv	BOBJ1	98	268.08	Before	Interior Girder 6	9.4	0.95	1	1	5.106251
EV2_serv	BOBJ1	98	268.08	Before	Right Exterior Girder	9.4	0.95	1	1	5.112393
EV2_serv	BOBJ1	99	268.08	After	Left Exterior Girder	9.4	0.95	1	1	5.017277
EV2_serv	BOBJ1	99	268.08	After	Interior Girder 1	9.4	0.95	1	1	5.187331
EV2_serv	BOBJ1	99	268.08	After	Interior Girder 2	9.4	0.95	1	1	5.119357
EV2_serv	BOBJ1	99	268.08	After	Interior Girder 3	9.4	0.95	1	1	4.996717
EV2_serv	BOBJ1	99	268.08	After	Interior Girder 4	9.4	0.95	1	1	4.996717
EV2_serv	BOBJ1	99	268.08	After	Interior Girder 5	9.4	0.95	1	1	5.119357
EV2_serv	BOBJ1	99	268.08	After	Interior Girder 6	9.4	0.95	1	1	5.187331
EV2_serv	BOBJ1	99	268.08	After	Right Exterior Girder	9.4	0.95	1	1	5.017277
EV2_serv	BOBJ1	100	277.48	Before	Left Exterior Girder	18.8	0.95	1	1	5.321562
EV2_serv	BOBJ1	100	277.48	Before	Interior Girder 1	18.8	0.95	1	1	4.657438
EV2_serv	BOBJ1	100	277.48	Before	Interior Girder 2	18.8	0.95	1	1	4.282604
EV2_serv	BOBJ1	100	277.48	Before	Interior Girder 3	18.8	0.95	1	1	4.164634
EV2_serv	BOBJ1	100	277.48	Before	Interior Girder 4	18.8	0.95	1	1	4.164634
EV2_serv	BOBJ1	100	277.48	Before	Interior Girder 5	18.8	0.95	1	1	4.282604
EV2_serv	BOBJ1	100	277.48	Before	Interior Girder 6	18.8	0.95	1	1	4.657438
EV2_serv	BOBJ1	100	277.48	Before	Right Exterior Girder	18.8	0.95	1	1	5.321562
EV2_serv	BOBJ1	101	277.48	After	Left Exterior Girder	18.8	0.95	1	1	5.433042
EV2_serv	BOBJ1	101	277.48	After	Interior Girder 1	18.8	0.95	1	1	4.586617
EV2_serv	BOBJ1	101	277.48	After	Interior Girder 2	18.8	0.95	1	1	4.292397
EV2_serv	BOBJ1	101	277.48	After	Interior Girder 3	18.8	0.95	1	1	4.220422
EV2_serv	BOBJ1	101	277.48	After	Interior Girder 4	18.8	0.95	1	1	4.220422
EV2_serv	BOBJ1	101	277.48	After	Interior Girder 5	18.8	0.95	1	1	4.292397
EV2_serv	BOBJ1	101	277.48	After	Interior Girder 6	18.8	0.95	1	1	4.586617
EV2_serv	BOBJ1	101	277.48	After	Right Exterior Girder	18.8	0.95	1	1	5.433042
EV2_serv	BOBJ1	102	286.88	Before	Left Exterior Girder	28.2	0.95	1	1	3.981863
EV2_serv	BOBJ1	102	286.88	Before	Interior Girder 1	28.2	0.95	1	1	3.150699
EV2_serv	BOBJ1	102	286.88	Before	Interior Girder 2	28.2	0.95	1	1	3.026519
EV2_serv	BOBJ1	102	286.88	Before	Interior Girder 3	28.2	0.95	1	1	2.89885
EV2_serv	BOBJ1	102	286.88	Before	Interior Girder 4	28.2	0.95	1	1	2.89885
EV2_serv	BOBJ1	102	286.88	Before	Interior Girder 5	28.2	0.95	1	1	3.026519
EV2_serv	BOBJ1	102	286.88	Before	Interior Girder 6	28.2	0.95	1	1	3.150699
EV2_serv	BOBJ1	102	286.88	Before	Right Exterior Girder	28.2	0.95	1	1	3.981863
EV2_serv	BOBJ1	103	286.88	After	Left Exterior Girder	28.2	0.95	1	1	3.987549
EV2_serv	BOBJ1	103	286.88	After	Interior Girder 1	28.2	0.95	1	1	3.149276
EV2_serv	BOBJ1	103	286.88	After	Interior Girder 2	28.2	0.95	1	1	3.035494
EV2_serv	BOBJ1	103	286.88	After	Interior Girder 3	28.2	0.95	1	1	2.915087
EV2_serv	BOBJ1	103	286.88	After	Interior Girder 4	28.2	0.95	1	1	2.915087
EV2_serv	BOBJ1	103	286.88	After	Interior Girder 5	28.2	0.95	1	1	3.035494
EV2_serv	BOBJ1	103	286.88	After	Interior Girder 6	28.2	0.95	1	1	3.149276
EV2_serv	BOBJ1	103	286.88	After	Right Exterior Girder	28.2	0.95	1	1	3.987549
EV2_serv	BOBJ1	104	296.28	Before	Left Exterior Girder	37.6	0.95	1	1	3.606147
EV2_serv	BOBJ1	104	296.28	Before	Interior Girder 1	37.6	0.95	1	1	3.251761
EV2_serv	BOBJ1	104	296.28	Before	Interior Girder 2	37.6	0.95	1	1	3.101546
EV2_serv	BOBJ1	104	296.28	Before	Interior Girder 3	37.6	0.95	1	1	3.06997
EV2_serv	BOBJ1	104	296.28	Before	Interior Girder 4	37.6	0.95	1	1	3.06997
EV2_serv	BOBJ1	104	296.28	Before	Interior Girder 5	37.6	0.95	1	1	3.101546
EV2_serv	BOBJ1	104	296.28	Before	Interior Girder 6	37.6	0.95	1	1	3.251761
EV2_serv	BOBJ1	104	296.28	Before	Right Exterior Girder	37.6	0.95	1	1	3.606147
EV2_serv	BOBJ1	105	296.28	After	Left Exterior Girder	37.6	0.95	1	1	3.56461
EV2_serv	BOBJ1	105	296.28	After	Interior Girder 1	37.6	0.95	1	1	3.279857
EV2_serv	BOBJ1	105	296.28	After	Interior Girder 2	37.6	0.95	1	1	3.09751
EV2_serv	BOBJ1	105	296.28	After	Interior Girder 3	37.6	0.95	1	1	3.048095
EV2_serv	BOBJ1	105	296.28	After	Interior Girder 4	37.6	0.95	1	1	3.048095
EV2_serv	BOBJ1	105	296.28	After	Interior Girder 5	37.6	0.95	1	1	3.09751
EV2_serv	BOBJ1	105	296.28	After	Interior Girder 6	37.6	0.95	1	1	3.279857
EV2_serv	BOBJ1	105	296.28	After	Right Exterior Girder	37.6	0.95	1	1	3.56461
EV2_serv	BOBJ1	106	305.69	Before	Left Exterior Girder	47.01	0.95	1	1	6.307603

TABLE: Bridge Super Rating AASHTORATE18 31 - SteelICompServ-Flx - Approach, Span 7-11										
Request	BridgeObj	BridgeCut	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	Unitless	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
EV2_serv	BOBJ1	106	305.69	Before	Interior Girder 1	47.01	0.95	1	1	4.324263
EV2_serv	BOBJ1	106	305.69	Before	Interior Girder 2	47.01	0.95	1	1	4.138803
EV2_serv	BOBJ1	106	305.69	Before	Interior Girder 3	47.01	0.95	1	1	3.820034
EV2_serv	BOBJ1	106	305.69	Before	Interior Girder 4	47.01	0.95	1	1	3.820034
EV2_serv	BOBJ1	106	305.69	Before	Interior Girder 5	47.01	0.95	1	1	4.138803
EV2_serv	BOBJ1	106	305.69	Before	Interior Girder 6	47.01	0.95	1	1	4.324263
EV2_serv	BOBJ1	106	305.69	Before	Right Exterior Girder	47.01	0.95	1	1	6.307603
EV2_serv	BOBJ1	107	305.69	After	Left Exterior Girder	47.01	0.95	1	1	6.306011
EV2_serv	BOBJ1	107	305.69	After	Interior Girder 1	47.01	0.95	1	1	4.331497
EV2_serv	BOBJ1	107	305.69	After	Interior Girder 2	47.01	0.95	1	1	4.068723
EV2_serv	BOBJ1	107	305.69	After	Interior Girder 3	47.01	0.95	1	1	3.694992
EV2_serv	BOBJ1	107	305.69	After	Interior Girder 4	47.01	0.95	1	1	3.694992
EV2_serv	BOBJ1	107	305.69	After	Interior Girder 5	47.01	0.95	1	1	4.068723
EV2_serv	BOBJ1	107	305.69	After	Interior Girder 6	47.01	0.95	1	1	4.331497
EV2_serv	BOBJ1	107	305.69	After	Right Exterior Girder	47.01	0.95	1	1	6.306011
EV2_serv	BOBJ1	108	315.1	Before	Left Exterior Girder	56.42	0.95	1	1	348.873494
EV2_serv	BOBJ1	108	315.1	Before	Interior Girder 1	56.42	0.95	1	1	434.798925
EV2_serv	BOBJ1	108	315.1	Before	Interior Girder 2	56.42	0.95	1	1	213.688027
EV2_serv	BOBJ1	108	315.1	Before	Interior Girder 3	56.42	0.95	1	1	159.143781
EV2_serv	BOBJ1	108	315.1	Before	Interior Girder 4	56.42	0.95	1	1	159.14378
EV2_serv	BOBJ1	108	315.1	Before	Interior Girder 5	56.42	0.95	1	1	213.688028
EV2_serv	BOBJ1	108	315.1	Before	Interior Girder 6	56.42	0.95	1	1	434.798924
EV2_serv	BOBJ1	108	315.1	Before	Right Exterior Girder	56.42	0.95	1	1	348.873495
EV3_serv	BOBJ1	1	0	After	Left Exterior Girder	0	0.95	1	1	218.554278
EV3_serv	BOBJ1	1	0	After	Interior Girder 1	0	0.95	1	1	274.210401
EV3_serv	BOBJ1	1	0	After	Interior Girder 2	0	0.95	1	1	146.80856
EV3_serv	BOBJ1	1	0	After	Interior Girder 3	0	0.95	1	1	103.415367
EV3_serv	BOBJ1	1	0	After	Interior Girder 4	0	0.95	1	1	103.415367
EV3_serv	BOBJ1	1	0	After	Interior Girder 5	0	0.95	1	1	146.80856
EV3_serv	BOBJ1	1	0	After	Interior Girder 6	0	0.95	1	1	274.210405
EV3_serv	BOBJ1	1	0	After	Right Exterior Girder	0	0.95	1	1	218.554278
EV3_serv	BOBJ1	2	9.4	Before	Left Exterior Girder	9.4	0.95	1	1	4.177435
EV3_serv	BOBJ1	2	9.4	Before	Interior Girder 1	9.4	0.95	1	1	2.88934
EV3_serv	BOBJ1	2	9.4	Before	Interior Girder 2	9.4	0.95	1	1	2.711564
EV3_serv	BOBJ1	2	9.4	Before	Interior Girder 3	9.4	0.95	1	1	2.474568
EV3_serv	BOBJ1	2	9.4	Before	Interior Girder 4	9.4	0.95	1	1	2.474568
EV3_serv	BOBJ1	2	9.4	Before	Interior Girder 5	9.4	0.95	1	1	2.711564
EV3_serv	BOBJ1	2	9.4	Before	Interior Girder 6	9.4	0.95	1	1	2.88934
EV3_serv	BOBJ1	2	9.4	Before	Right Exterior Girder	9.4	0.95	1	1	4.177435
EV3_serv	BOBJ1	3	9.4	After	Left Exterior Girder	9.4	0.95	1	1	4.180009
EV3_serv	BOBJ1	3	9.4	After	Interior Girder 1	9.4	0.95	1	1	2.883634
EV3_serv	BOBJ1	3	9.4	After	Interior Girder 2	9.4	0.95	1	1	2.760331
EV3_serv	BOBJ1	3	9.4	After	Interior Girder 3	9.4	0.95	1	1	2.560472
EV3_serv	BOBJ1	3	9.4	After	Interior Girder 4	9.4	0.95	1	1	2.560472
EV3_serv	BOBJ1	3	9.4	After	Interior Girder 5	9.4	0.95	1	1	2.760331
EV3_serv	BOBJ1	3	9.4	After	Interior Girder 6	9.4	0.95	1	1	2.883634
EV3_serv	BOBJ1	3	9.4	After	Right Exterior Girder	9.4	0.95	1	1	4.180009
EV3_serv	BOBJ1	4	18.8	Before	Left Exterior Girder	18.8	0.95	1	1	2.355059
EV3_serv	BOBJ1	4	18.8	Before	Interior Girder 1	18.8	0.95	1	1	2.161502
EV3_serv	BOBJ1	4	18.8	Before	Interior Girder 2	18.8	0.95	1	1	2.034493
EV3_serv	BOBJ1	4	18.8	Before	Interior Girder 3	18.8	0.95	1	1	2.008716
EV3_serv	BOBJ1	4	18.8	Before	Interior Girder 4	18.8	0.95	1	1	2.008716
EV3_serv	BOBJ1	4	18.8	Before	Interior Girder 5	18.8	0.95	1	1	2.034493
EV3_serv	BOBJ1	4	18.8	Before	Interior Girder 6	18.8	0.95	1	1	2.161502
EV3_serv	BOBJ1	4	18.8	Before	Right Exterior Girder	18.8	0.95	1	1	2.355059
EV3_serv	BOBJ1	5	18.8	After	Left Exterior Girder	18.8	0.95	1	1	2.382114
EV3_serv	BOBJ1	5	18.8	After	Interior Girder 1	18.8	0.95	1	1	2.141511
EV3_serv	BOBJ1	5	18.8	After	Interior Girder 2	18.8	0.95	1	1	2.038123
EV3_serv	BOBJ1	5	18.8	After	Interior Girder 3	18.8	0.95	1	1	2.022294
EV3_serv	BOBJ1	5	18.8	After	Interior Girder 4	18.8	0.95	1	1	2.022294
EV3_serv	BOBJ1	5	18.8	After	Interior Girder 5	18.8	0.95	1	1	2.038123
EV3_serv	BOBJ1	5	18.8	After	Interior Girder 6	18.8	0.95	1	1	2.141511
EV3_serv	BOBJ1	5	18.8	After	Right Exterior Girder	18.8	0.95	1	1	2.382114
EV3_serv	BOBJ1	6	28.2	Before	Left Exterior Girder	28.2	0.95	1	1	2.572854
EV3_serv	BOBJ1	6	28.2	Before	Interior Girder 1	28.2	0.95	1	1	2.00777
EV3_serv	BOBJ1	6	28.2	Before	Interior Girder 2	28.2	0.95	1	1	1.939744
EV3_serv	BOBJ1	6	28.2	Before	Interior Girder 3	28.2	0.95	1	1	1.883709
EV3_serv	BOBJ1	6	28.2	Before	Interior Girder 4	28.2	0.95	1	1	1.883709
EV3_serv	BOBJ1	6	28.2	Before	Interior Girder 5	28.2	0.95	1	1	1.939744
EV3_serv	BOBJ1	6	28.2	Before	Interior Girder 6	28.2	0.95	1	1	2.00777
EV3_serv	BOBJ1	6	28.2	Before	Right Exterior Girder	28.2	0.95	1	1	2.572854
EV3_serv	BOBJ1	7	28.2	After	Left Exterior Girder	28.2	0.95	1	1	2.565537
EV3_serv	BOBJ1	7	28.2	After	Interior Girder 1	28.2	0.95	1	1	2.014743

TABLE: Bridge Super Rating AASHTORATE18 31 - SteelICompServ-Flx - Approach, Span 7-11										
Request	BridgeObj	BridgeCut	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	Unitless	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
EV3_serv	BOBJ1	7	28.2	After	Interior Girder 2	28.2	0.95	1	1	1.937921
EV3_serv	BOBJ1	7	28.2	After	Interior Girder 3	28.2	0.95	1	1	1.876664
EV3_serv	BOBJ1	7	28.2	After	Interior Girder 4	28.2	0.95	1	1	1.876664
EV3_serv	BOBJ1	7	28.2	After	Interior Girder 5	28.2	0.95	1	1	1.937921
EV3_serv	BOBJ1	7	28.2	After	Interior Girder 6	28.2	0.95	1	1	2.014743
EV3_serv	BOBJ1	7	28.2	After	Right Exterior Girder	28.2	0.95	1	1	2.565537
EV3_serv	BOBJ1	8	37.6	Before	Left Exterior Girder	37.6	0.95	1	1	3.614687
EV3_serv	BOBJ1	8	37.6	Before	Interior Girder 1	37.6	0.95	1	1	3.036126
EV3_serv	BOBJ1	8	37.6	Before	Interior Girder 2	37.6	0.95	1	1	2.837589
EV3_serv	BOBJ1	8	37.6	Before	Interior Girder 3	37.6	0.95	1	1	2.791426
EV3_serv	BOBJ1	8	37.6	Before	Interior Girder 4	37.6	0.95	1	1	2.791426
EV3_serv	BOBJ1	8	37.6	Before	Interior Girder 5	37.6	0.95	1	1	2.837589
EV3_serv	BOBJ1	8	37.6	Before	Interior Girder 6	37.6	0.95	1	1	3.036126
EV3_serv	BOBJ1	8	37.6	Before	Right Exterior Girder	37.6	0.95	1	1	3.614687
EV3_serv	BOBJ1	9	37.6	After	Left Exterior Girder	37.6	0.95	1	1	3.542328
EV3_serv	BOBJ1	9	37.6	After	Interior Girder 1	37.6	0.95	1	1	3.082825
EV3_serv	BOBJ1	9	37.6	After	Interior Girder 2	37.6	0.95	1	1	2.832848
EV3_serv	BOBJ1	9	37.6	After	Interior Girder 3	37.6	0.95	1	1	2.759503
EV3_serv	BOBJ1	9	37.6	After	Interior Girder 4	37.6	0.95	1	1	2.759503
EV3_serv	BOBJ1	9	37.6	After	Interior Girder 5	37.6	0.95	1	1	2.832848
EV3_serv	BOBJ1	9	37.6	After	Interior Girder 6	37.6	0.95	1	1	3.082825
EV3_serv	BOBJ1	9	37.6	After	Right Exterior Girder	37.6	0.95	1	1	3.542328
EV3_serv	BOBJ1	10	47.01	Before	Left Exterior Girder	47.01	0.95	1	1	3.324782
EV3_serv	BOBJ1	10	47.01	Before	Interior Girder 1	47.01	0.95	1	1	3.435737
EV3_serv	BOBJ1	10	47.01	Before	Interior Girder 2	47.01	0.95	1	1	3.392359
EV3_serv	BOBJ1	10	47.01	Before	Interior Girder 3	47.01	0.95	1	1	3.31914
EV3_serv	BOBJ1	10	47.01	Before	Interior Girder 4	47.01	0.95	1	1	3.31914
EV3_serv	BOBJ1	10	47.01	Before	Interior Girder 5	47.01	0.95	1	1	3.392359
EV3_serv	BOBJ1	10	47.01	Before	Interior Girder 6	47.01	0.95	1	1	3.435737
EV3_serv	BOBJ1	10	47.01	Before	Right Exterior Girder	47.01	0.95	1	1	3.324782
EV3_serv	BOBJ1	11	47.01	After	Left Exterior Girder	47.01	0.95	1	1	3.387036
EV3_serv	BOBJ1	11	47.01	After	Interior Girder 1	47.01	0.95	1	1	3.384755
EV3_serv	BOBJ1	11	47.01	After	Interior Girder 2	47.01	0.95	1	1	3.355356
EV3_serv	BOBJ1	11	47.01	After	Interior Girder 3	47.01	0.95	1	1	3.304537
EV3_serv	BOBJ1	11	47.01	After	Interior Girder 4	47.01	0.95	1	1	3.304537
EV3_serv	BOBJ1	11	47.01	After	Interior Girder 5	47.01	0.95	1	1	3.355356
EV3_serv	BOBJ1	11	47.01	After	Interior Girder 6	47.01	0.95	1	1	3.384755
EV3_serv	BOBJ1	11	47.01	After	Right Exterior Girder	47.01	0.95	1	1	3.387036
EV3_serv	BOBJ1	12	49.42	Before	Left Exterior Girder	49.42	0.95	1	1	2.890474
EV3_serv	BOBJ1	12	49.42	Before	Right Exterior Girder	49.42	0.95	1	1	2.890474
EV3_serv	BOBJ1	13	49.42	After	Left Exterior Girder	49.42	0.95	1	1	4.996793
EV3_serv	BOBJ1	13	49.42	After	Right Exterior Girder	49.42	0.95	1	1	4.996793
EV3_serv	BOBJ1	14	51.92	Before	Interior Girder 1	51.92	0.95	1	1	2.669982
EV3_serv	BOBJ1	14	51.92	Before	Interior Girder 2	51.92	0.95	1	1	2.626958
EV3_serv	BOBJ1	14	51.92	Before	Interior Girder 3	51.92	0.95	1	1	2.47105
EV3_serv	BOBJ1	14	51.92	Before	Interior Girder 4	51.92	0.95	1	1	2.47105
EV3_serv	BOBJ1	14	51.92	Before	Interior Girder 5	51.92	0.95	1	1	2.626958
EV3_serv	BOBJ1	14	51.92	Before	Interior Girder 6	51.92	0.95	1	1	2.669982
EV3_serv	BOBJ1	15	51.92	After	Interior Girder 1	51.92	0.95	1	1	3.277377
EV3_serv	BOBJ1	15	51.92	After	Interior Girder 2	51.92	0.95	1	1	3.156469
EV3_serv	BOBJ1	15	51.92	After	Interior Girder 3	51.92	0.95	1	1	2.993069
EV3_serv	BOBJ1	15	51.92	After	Interior Girder 4	51.92	0.95	1	1	2.993069
EV3_serv	BOBJ1	15	51.92	After	Interior Girder 5	51.92	0.95	1	1	3.156469
EV3_serv	BOBJ1	15	51.92	After	Interior Girder 6	51.92	0.95	1	1	3.277377
EV3_serv	BOBJ1	16	56.42	Before	Left Exterior Girder	56.42	0.95	1	1	3.534399
EV3_serv	BOBJ1	16	56.42	Before	Interior Girder 1	56.42	0.95	1	1	2.524708
EV3_serv	BOBJ1	16	56.42	Before	Interior Girder 2	56.42	0.95	1	1	2.348639
EV3_serv	BOBJ1	16	56.42	Before	Interior Girder 3	56.42	0.95	1	1	1.951392
EV3_serv	BOBJ1	16	56.42	Before	Interior Girder 4	56.42	0.95	1	1	1.951392
EV3_serv	BOBJ1	16	56.42	Before	Interior Girder 5	56.42	0.95	1	1	2.348639
EV3_serv	BOBJ1	16	56.42	Before	Interior Girder 6	56.42	0.95	1	1	2.524708
EV3_serv	BOBJ1	16	56.42	Before	Right Exterior Girder	56.42	0.95	1	1	3.534399
EV3_serv	BOBJ1	17	56.42	After	Left Exterior Girder	0	0.95	1	1	3.452672
EV3_serv	BOBJ1	17	56.42	After	Interior Girder 1	0	0.95	1	1	2.387083
EV3_serv	BOBJ1	17	56.42	After	Interior Girder 2	0	0.95	1	1	2.266858
EV3_serv	BOBJ1	17	56.42	After	Interior Girder 3	0	0.95	1	1	1.914819
EV3_serv	BOBJ1	17	56.42	After	Interior Girder 4	0	0.95	1	1	1.914819
EV3_serv	BOBJ1	17	56.42	After	Interior Girder 5	0	0.95	1	1	2.266858
EV3_serv	BOBJ1	17	56.42	After	Interior Girder 6	0	0.95	1	1	2.387083
EV3_serv	BOBJ1	17	56.42	After	Right Exterior Girder	0	0.95	1	1	3.452672
EV3_serv	BOBJ1	18	60.92	Before	Interior Girder 1	4.5	0.95	1	1	3.75064
EV3_serv	BOBJ1	18	60.92	Before	Interior Girder 2	4.5	0.95	1	1	3.502418
EV3_serv	BOBJ1	18	60.92	Before	Interior Girder 3	4.5	0.95	1	1	3.221015

TABLE: Bridge Super Rating AASHTORATE18 31 - SteelICompServ-Flx - Approach, Span 7-11										
Request	BridgeObj	BridgeCut	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	Unitless	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
EV3_serv	BOBJ1	18	60.92	Before	Interior Girder 4	4.5	0.95	1	1	3.221015
EV3_serv	BOBJ1	18	60.92	Before	Interior Girder 5	4.5	0.95	1	1	3.502418
EV3_serv	BOBJ1	18	60.92	Before	Interior Girder 6	4.5	0.95	1	1	3.75064
EV3_serv	BOBJ1	19	60.92	After	Interior Girder 1	4.5	0.95	1	1	3.068453
EV3_serv	BOBJ1	19	60.92	After	Interior Girder 2	4.5	0.95	1	1	2.921375
EV3_serv	BOBJ1	19	60.92	After	Interior Girder 3	4.5	0.95	1	1	2.667742
EV3_serv	BOBJ1	19	60.92	After	Interior Girder 4	4.5	0.95	1	1	2.667742
EV3_serv	BOBJ1	19	60.92	After	Interior Girder 5	4.5	0.95	1	1	2.921375
EV3_serv	BOBJ1	19	60.92	After	Interior Girder 6	4.5	0.95	1	1	3.068453
EV3_serv	BOBJ1	20	63.42	Before	Left Exterior Girder	7	0.95	1	1	6.045362
EV3_serv	BOBJ1	20	63.42	Before	Right Exterior Girder	7	0.95	1	1	6.045362
EV3_serv	BOBJ1	21	63.42	After	Left Exterior Girder	7	0.95	1	1	3.479479
EV3_serv	BOBJ1	21	63.42	After	Right Exterior Girder	7	0.95	1	1	3.479479
EV3_serv	BOBJ1	22	64.845	Before	Left Exterior Girder	8.425	0.95	1	1	3.806846
EV3_serv	BOBJ1	22	64.845	Before	Interior Girder 1	8.425	0.95	1	1	3.731921
EV3_serv	BOBJ1	22	64.845	Before	Interior Girder 2	8.425	0.95	1	1	3.561292
EV3_serv	BOBJ1	22	64.845	Before	Interior Girder 3	8.425	0.95	1	1	3.457498
EV3_serv	BOBJ1	22	64.845	Before	Interior Girder 4	8.425	0.95	1	1	3.457498
EV3_serv	BOBJ1	22	64.845	Before	Interior Girder 5	8.425	0.95	1	1	3.561292
EV3_serv	BOBJ1	22	64.845	Before	Interior Girder 6	8.425	0.95	1	1	3.731921
EV3_serv	BOBJ1	22	64.845	Before	Right Exterior Girder	8.425	0.95	1	1	3.806846
EV3_serv	BOBJ1	23	64.845	After	Left Exterior Girder	8.425	0.95	1	1	3.774384
EV3_serv	BOBJ1	23	64.845	After	Interior Girder 1	8.425	0.95	1	1	3.768976
EV3_serv	BOBJ1	23	64.845	After	Interior Girder 2	8.425	0.95	1	1	3.598037
EV3_serv	BOBJ1	23	64.845	After	Interior Girder 3	8.425	0.95	1	1	3.481447
EV3_serv	BOBJ1	23	64.845	After	Interior Girder 4	8.425	0.95	1	1	3.481447
EV3_serv	BOBJ1	23	64.845	After	Interior Girder 5	8.425	0.95	1	1	3.598037
EV3_serv	BOBJ1	23	64.845	After	Interior Girder 6	8.425	0.95	1	1	3.768976
EV3_serv	BOBJ1	23	64.845	After	Right Exterior Girder	8.425	0.95	1	1	3.774384
EV3_serv	BOBJ1	24	69.92	Before	Left Exterior Girder	13.5	0.95	1	1	4.981556
EV3_serv	BOBJ1	24	69.92	Before	Interior Girder 1	13.5	0.95	1	1	4.680558
EV3_serv	BOBJ1	24	69.92	Before	Interior Girder 2	13.5	0.95	1	1	4.30218
EV3_serv	BOBJ1	24	69.92	Before	Interior Girder 3	13.5	0.95	1	1	4.174775
EV3_serv	BOBJ1	24	69.92	Before	Interior Girder 4	13.5	0.95	1	1	4.174775
EV3_serv	BOBJ1	24	69.92	Before	Interior Girder 5	13.5	0.95	1	1	4.30218
EV3_serv	BOBJ1	24	69.92	Before	Interior Girder 6	13.5	0.95	1	1	4.680558
EV3_serv	BOBJ1	24	69.92	Before	Right Exterior Girder	13.5	0.95	1	1	4.981556
EV3_serv	BOBJ1	25	69.92	After	Left Exterior Girder	13.5	0.95	1	1	4.281422
EV3_serv	BOBJ1	25	69.92	After	Interior Girder 1	13.5	0.95	1	1	4.374061
EV3_serv	BOBJ1	25	69.92	After	Interior Girder 2	13.5	0.95	1	1	4.081209
EV3_serv	BOBJ1	25	69.92	After	Interior Girder 3	13.5	0.95	1	1	3.99643
EV3_serv	BOBJ1	25	69.92	After	Interior Girder 4	13.5	0.95	1	1	3.99643
EV3_serv	BOBJ1	25	69.92	After	Interior Girder 5	13.5	0.95	1	1	4.081209
EV3_serv	BOBJ1	25	69.92	After	Interior Girder 6	13.5	0.95	1	1	4.374061
EV3_serv	BOBJ1	25	69.92	After	Right Exterior Girder	13.5	0.95	1	1	4.281422
EV3_serv	BOBJ1	26	73.27	Before	Left Exterior Girder	16.85	0.95	1	1	4.31661
EV3_serv	BOBJ1	26	73.27	Before	Interior Girder 1	16.85	0.95	1	1	3.629443
EV3_serv	BOBJ1	26	73.27	Before	Interior Girder 2	16.85	0.95	1	1	3.319985
EV3_serv	BOBJ1	26	73.27	Before	Interior Girder 3	16.85	0.95	1	1	3.246162
EV3_serv	BOBJ1	26	73.27	Before	Interior Girder 4	16.85	0.95	1	1	3.246162
EV3_serv	BOBJ1	26	73.27	Before	Interior Girder 5	16.85	0.95	1	1	3.319985
EV3_serv	BOBJ1	26	73.27	Before	Interior Girder 6	16.85	0.95	1	1	3.629443
EV3_serv	BOBJ1	26	73.27	Before	Right Exterior Girder	16.85	0.95	1	1	4.31661
EV3_serv	BOBJ1	27	73.27	After	Left Exterior Girder	16.85	0.95	1	1	4.409794
EV3_serv	BOBJ1	27	73.27	After	Interior Girder 1	16.85	0.95	1	1	3.578451
EV3_serv	BOBJ1	27	73.27	After	Interior Girder 2	16.85	0.95	1	1	3.30103
EV3_serv	BOBJ1	27	73.27	After	Interior Girder 3	16.85	0.95	1	1	3.260272
EV3_serv	BOBJ1	27	73.27	After	Interior Girder 4	16.85	0.95	1	1	3.260272
EV3_serv	BOBJ1	27	73.27	After	Interior Girder 5	16.85	0.95	1	1	3.30103
EV3_serv	BOBJ1	27	73.27	After	Interior Girder 6	16.85	0.95	1	1	3.578451
EV3_serv	BOBJ1	27	73.27	After	Right Exterior Girder	16.85	0.95	1	1	4.409794
EV3_serv	BOBJ1	28	81.695	Before	Left Exterior Girder	25.275	0.95	1	1	2.728328
EV3_serv	BOBJ1	28	81.695	Before	Interior Girder 1	25.275	0.95	1	1	2.219407
EV3_serv	BOBJ1	28	81.695	Before	Interior Girder 2	25.275	0.95	1	1	2.132981
EV3_serv	BOBJ1	28	81.695	Before	Interior Girder 3	25.275	0.95	1	1	2.064551
EV3_serv	BOBJ1	28	81.695	Before	Interior Girder 4	25.275	0.95	1	1	2.064551
EV3_serv	BOBJ1	28	81.695	Before	Interior Girder 5	25.275	0.95	1	1	2.132981
EV3_serv	BOBJ1	28	81.695	Before	Interior Girder 6	25.275	0.95	1	1	2.219407
EV3_serv	BOBJ1	28	81.695	Before	Right Exterior Girder	25.275	0.95	1	1	2.728328
EV3_serv	BOBJ1	29	81.695	After	Left Exterior Girder	25.275	0.95	1	1	2.762233
EV3_serv	BOBJ1	29	81.695	After	Interior Girder 1	25.275	0.95	1	1	2.199179
EV3_serv	BOBJ1	29	81.695	After	Interior Girder 2	25.275	0.95	1	1	2.129873
EV3_serv	BOBJ1	29	81.695	After	Interior Girder 3	25.275	0.95	1	1	2.078644

TABLE: Bridge Super Rating AASHTORATE18 31 - SteelICompServ-Flx - Approach, Span 7-11										
Request	BridgeObj	BridgeCut	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	Unitless	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
EV3_serv	BOBJ1	29	81.695	After	Interior Girder 4	25.275	0.95	1	1	2.078644
EV3_serv	BOBJ1	29	81.695	After	Interior Girder 5	25.275	0.95	1	1	2.129873
EV3_serv	BOBJ1	29	81.695	After	Interior Girder 6	25.275	0.95	1	1	2.199179
EV3_serv	BOBJ1	29	81.695	After	Right Exterior Girder	25.275	0.95	1	1	2.762233
EV3_serv	BOBJ1	30	90.12	Before	Left Exterior Girder	33.7	0.95	1	1	2.195396
EV3_serv	BOBJ1	30	90.12	Before	Interior Girder 1	33.7	0.95	1	1	2.089258
EV3_serv	BOBJ1	30	90.12	Before	Interior Girder 2	33.7	0.95	1	1	2.024257
EV3_serv	BOBJ1	30	90.12	Before	Interior Girder 3	33.7	0.95	1	1	2.036925
EV3_serv	BOBJ1	30	90.12	Before	Interior Girder 4	33.7	0.95	1	1	2.036925
EV3_serv	BOBJ1	30	90.12	Before	Interior Girder 5	33.7	0.95	1	1	2.024257
EV3_serv	BOBJ1	30	90.12	Before	Interior Girder 6	33.7	0.95	1	1	2.089258
EV3_serv	BOBJ1	30	90.12	Before	Right Exterior Girder	33.7	0.95	1	1	2.195396
EV3_serv	BOBJ1	31	90.12	After	Left Exterior Girder	33.7	0.95	1	1	2.197013
EV3_serv	BOBJ1	31	90.12	After	Interior Girder 1	33.7	0.95	1	1	2.089355
EV3_serv	BOBJ1	31	90.12	After	Interior Girder 2	33.7	0.95	1	1	2.022818
EV3_serv	BOBJ1	31	90.12	After	Interior Girder 3	33.7	0.95	1	1	2.036553
EV3_serv	BOBJ1	31	90.12	After	Interior Girder 4	33.7	0.95	1	1	2.036553
EV3_serv	BOBJ1	31	90.12	After	Interior Girder 5	33.7	0.95	1	1	2.022818
EV3_serv	BOBJ1	31	90.12	After	Interior Girder 6	33.7	0.95	1	1	2.089355
EV3_serv	BOBJ1	31	90.12	After	Right Exterior Girder	33.7	0.95	1	1	2.197013
EV3_serv	BOBJ1	32	98.545	Before	Left Exterior Girder	42.125	0.95	1	1	2.691678
EV3_serv	BOBJ1	32	98.545	Before	Interior Girder 1	42.125	0.95	1	1	2.173894
EV3_serv	BOBJ1	32	98.545	Before	Interior Girder 2	42.125	0.95	1	1	2.113398
EV3_serv	BOBJ1	32	98.545	Before	Interior Girder 3	42.125	0.95	1	1	2.06643
EV3_serv	BOBJ1	32	98.545	Before	Interior Girder 4	42.125	0.95	1	1	2.06643
EV3_serv	BOBJ1	32	98.545	Before	Interior Girder 5	42.125	0.95	1	1	2.113398
EV3_serv	BOBJ1	32	98.545	Before	Interior Girder 6	42.125	0.95	1	1	2.173894
EV3_serv	BOBJ1	32	98.545	Before	Right Exterior Girder	42.125	0.95	1	1	2.691678
EV3_serv	BOBJ1	33	98.545	After	Left Exterior Girder	42.125	0.95	1	1	2.665085
EV3_serv	BOBJ1	33	98.545	After	Interior Girder 1	42.125	0.95	1	1	2.192017
EV3_serv	BOBJ1	33	98.545	After	Interior Girder 2	42.125	0.95	1	1	2.115453
EV3_serv	BOBJ1	33	98.545	After	Interior Girder 3	42.125	0.95	1	1	2.053197
EV3_serv	BOBJ1	33	98.545	After	Interior Girder 4	42.125	0.95	1	1	2.053197
EV3_serv	BOBJ1	33	98.545	After	Interior Girder 5	42.125	0.95	1	1	2.115453
EV3_serv	BOBJ1	33	98.545	After	Interior Girder 6	42.125	0.95	1	1	2.192017
EV3_serv	BOBJ1	33	98.545	After	Right Exterior Girder	42.125	0.95	1	1	2.665085
EV3_serv	BOBJ1	34	106.97	Before	Left Exterior Girder	50.55	0.95	1	1	4.164618
EV3_serv	BOBJ1	34	106.97	Before	Interior Girder 1	50.55	0.95	1	1	3.449381
EV3_serv	BOBJ1	34	106.97	Before	Interior Girder 2	50.55	0.95	1	1	3.218425
EV3_serv	BOBJ1	34	106.97	Before	Interior Girder 3	50.55	0.95	1	1	3.16879
EV3_serv	BOBJ1	34	106.97	Before	Interior Girder 4	50.55	0.95	1	1	3.16879
EV3_serv	BOBJ1	34	106.97	Before	Interior Girder 5	50.55	0.95	1	1	3.218425
EV3_serv	BOBJ1	34	106.97	Before	Interior Girder 6	50.55	0.95	1	1	3.449381
EV3_serv	BOBJ1	34	106.97	Before	Right Exterior Girder	50.55	0.95	1	1	4.164618
EV3_serv	BOBJ1	35	106.97	After	Left Exterior Girder	50.55	0.95	1	1	4.074375
EV3_serv	BOBJ1	35	106.97	After	Interior Girder 1	50.55	0.95	1	1	3.501456
EV3_serv	BOBJ1	35	106.97	After	Interior Girder 2	50.55	0.95	1	1	3.217456
EV3_serv	BOBJ1	35	106.97	After	Interior Girder 3	50.55	0.95	1	1	3.124353
EV3_serv	BOBJ1	35	106.97	After	Interior Girder 4	50.55	0.95	1	1	3.124353
EV3_serv	BOBJ1	35	106.97	After	Interior Girder 5	50.55	0.95	1	1	3.217456
EV3_serv	BOBJ1	35	106.97	After	Interior Girder 6	50.55	0.95	1	1	3.501456
EV3_serv	BOBJ1	35	106.97	After	Right Exterior Girder	50.55	0.95	1	1	4.074375
EV3_serv	BOBJ1	36	115.405	Before	Left Exterior Girder	58.985	0.95	1	1	2.867116
EV3_serv	BOBJ1	36	115.405	Before	Interior Girder 1	58.985	0.95	1	1	3.148776
EV3_serv	BOBJ1	36	115.405	Before	Interior Girder 2	58.985	0.95	1	1	3.11247
EV3_serv	BOBJ1	36	115.405	Before	Interior Girder 3	58.985	0.95	1	1	3.021722
EV3_serv	BOBJ1	36	115.405	Before	Interior Girder 4	58.985	0.95	1	1	3.021722
EV3_serv	BOBJ1	36	115.405	Before	Interior Girder 5	58.985	0.95	1	1	3.11247
EV3_serv	BOBJ1	36	115.405	Before	Interior Girder 6	58.985	0.95	1	1	3.148776
EV3_serv	BOBJ1	36	115.405	Before	Right Exterior Girder	58.985	0.95	1	1	2.867116
EV3_serv	BOBJ1	37	115.405	After	Left Exterior Girder	58.985	0.95	1	1	2.928912
EV3_serv	BOBJ1	37	115.405	After	Interior Girder 1	58.985	0.95	1	1	3.094094
EV3_serv	BOBJ1	37	115.405	After	Interior Girder 2	58.985	0.95	1	1	3.082931
EV3_serv	BOBJ1	37	115.405	After	Interior Girder 3	58.985	0.95	1	1	3.011059
EV3_serv	BOBJ1	37	115.405	After	Interior Girder 4	58.985	0.95	1	1	3.011059
EV3_serv	BOBJ1	37	115.405	After	Interior Girder 5	58.985	0.95	1	1	3.082931
EV3_serv	BOBJ1	37	115.405	After	Interior Girder 6	58.985	0.95	1	1	3.094094
EV3_serv	BOBJ1	37	115.405	After	Right Exterior Girder	58.985	0.95	1	1	2.928912
EV3_serv	BOBJ1	38	116.34	Before	Left Exterior Girder	59.92	0.95	1	1	2.716784
EV3_serv	BOBJ1	38	116.34	Before	Right Exterior Girder	59.92	0.95	1	1	2.716784
EV3_serv	BOBJ1	39	116.34	After	Left Exterior Girder	59.92	0.95	1	1	5.395113
EV3_serv	BOBJ1	39	116.34	After	Right Exterior Girder	59.92	0.95	1	1	5.395113
EV3_serv	BOBJ1	40	118.84	Before	Interior Girder 1	62.42	0.95	1	1	2.613568

TABLE: Bridge Super Rating AASHTORATE18 31 - SteelICompServ-Flx - Approach, Span 7-11										
Request	BridgeObj	BridgeCut	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	Unitless	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
EV3_serv	BOBJ1	40	118.84	Before	Interior Girder 2	62.42	0.95	1	1	2.583191
EV3_serv	BOBJ1	40	118.84	Before	Interior Girder 3	62.42	0.95	1	1	2.427035
EV3_serv	BOBJ1	40	118.84	Before	Interior Girder 4	62.42	0.95	1	1	2.427035
EV3_serv	BOBJ1	40	118.84	Before	Interior Girder 5	62.42	0.95	1	1	2.583191
EV3_serv	BOBJ1	40	118.84	Before	Interior Girder 6	62.42	0.95	1	1	2.613568
EV3_serv	BOBJ1	41	118.84	After	Interior Girder 1	62.42	0.95	1	1	3.6532
EV3_serv	BOBJ1	41	118.84	After	Interior Girder 2	62.42	0.95	1	1	3.523376
EV3_serv	BOBJ1	41	118.84	After	Interior Girder 3	62.42	0.95	1	1	3.352624
EV3_serv	BOBJ1	41	118.84	After	Interior Girder 4	62.42	0.95	1	1	3.352624
EV3_serv	BOBJ1	41	118.84	After	Interior Girder 5	62.42	0.95	1	1	3.523376
EV3_serv	BOBJ1	41	118.84	After	Interior Girder 6	62.42	0.95	1	1	3.6532
EV3_serv	BOBJ1	42	123.84	Before	Left Exterior Girder	67.42	0.95	1	1	3.579964
EV3_serv	BOBJ1	42	123.84	Before	Interior Girder 1	67.42	0.95	1	1	2.659007
EV3_serv	BOBJ1	42	123.84	Before	Interior Girder 2	67.42	0.95	1	1	2.505672
EV3_serv	BOBJ1	42	123.84	Before	Interior Girder 3	67.42	0.95	1	1	2.096697
EV3_serv	BOBJ1	42	123.84	Before	Interior Girder 4	67.42	0.95	1	1	2.096697
EV3_serv	BOBJ1	42	123.84	Before	Interior Girder 5	67.42	0.95	1	1	2.505672
EV3_serv	BOBJ1	42	123.84	Before	Interior Girder 6	67.42	0.95	1	1	2.659007
EV3_serv	BOBJ1	42	123.84	Before	Right Exterior Girder	67.42	0.95	1	1	3.579964
EV3_serv	BOBJ1	43	123.84	After	Left Exterior Girder	0	0.95	1	1	3.543857
EV3_serv	BOBJ1	43	123.84	After	Interior Girder 1	0	0.95	1	1	2.617444
EV3_serv	BOBJ1	43	123.84	After	Interior Girder 2	0	0.95	1	1	2.494231
EV3_serv	BOBJ1	43	123.84	After	Interior Girder 3	0	0.95	1	1	2.092336
EV3_serv	BOBJ1	43	123.84	After	Interior Girder 4	0	0.95	1	1	2.092336
EV3_serv	BOBJ1	43	123.84	After	Interior Girder 5	0	0.95	1	1	2.494231
EV3_serv	BOBJ1	43	123.84	After	Interior Girder 6	0	0.95	1	1	2.617444
EV3_serv	BOBJ1	43	123.84	After	Right Exterior Girder	0	0.95	1	1	3.543857
EV3_serv	BOBJ1	44	128.84	Before	Interior Girder 1	5	0.95	1	1	3.731985
EV3_serv	BOBJ1	44	128.84	Before	Interior Girder 2	5	0.95	1	1	3.584554
EV3_serv	BOBJ1	44	128.84	Before	Interior Girder 3	5	0.95	1	1	3.395677
EV3_serv	BOBJ1	44	128.84	Before	Interior Girder 4	5	0.95	1	1	3.395677
EV3_serv	BOBJ1	44	128.84	Before	Interior Girder 5	5	0.95	1	1	3.584554
EV3_serv	BOBJ1	44	128.84	Before	Interior Girder 6	5	0.95	1	1	3.731985
EV3_serv	BOBJ1	45	128.84	After	Interior Girder 1	5	0.95	1	1	2.674844
EV3_serv	BOBJ1	45	128.84	After	Interior Girder 2	5	0.95	1	1	2.629598
EV3_serv	BOBJ1	45	128.84	After	Interior Girder 3	5	0.95	1	1	2.466161
EV3_serv	BOBJ1	45	128.84	After	Interior Girder 4	5	0.95	1	1	2.466161
EV3_serv	BOBJ1	45	128.84	After	Interior Girder 5	5	0.95	1	1	2.629598
EV3_serv	BOBJ1	45	128.84	After	Interior Girder 6	5	0.95	1	1	2.674844
EV3_serv	BOBJ1	46	131.34	Before	Left Exterior Girder	7.5	0.95	1	1	5.556774
EV3_serv	BOBJ1	46	131.34	Before	Right Exterior Girder	7.5	0.95	1	1	5.556774
EV3_serv	BOBJ1	47	131.34	After	Left Exterior Girder	7.5	0.95	1	1	2.800261
EV3_serv	BOBJ1	47	131.34	After	Right Exterior Girder	7.5	0.95	1	1	2.800261
EV3_serv	BOBJ1	48	132.265	Before	Left Exterior Girder	8.425	0.95	1	1	3.00499
EV3_serv	BOBJ1	48	132.265	Before	Interior Girder 1	8.425	0.95	1	1	3.164291
EV3_serv	BOBJ1	48	132.265	Before	Interior Girder 2	8.425	0.95	1	1	3.137132
EV3_serv	BOBJ1	48	132.265	Before	Interior Girder 3	8.425	0.95	1	1	3.060121
EV3_serv	BOBJ1	48	132.265	Before	Interior Girder 4	8.425	0.95	1	1	3.060121
EV3_serv	BOBJ1	48	132.265	Before	Interior Girder 5	8.425	0.95	1	1	3.137132
EV3_serv	BOBJ1	48	132.265	Before	Interior Girder 6	8.425	0.95	1	1	3.164291
EV3_serv	BOBJ1	48	132.265	Before	Right Exterior Girder	8.425	0.95	1	1	3.00499
EV3_serv	BOBJ1	49	132.265	After	Left Exterior Girder	8.425	0.95	1	1	2.941749
EV3_serv	BOBJ1	49	132.265	After	Interior Girder 1	8.425	0.95	1	1	3.219706
EV3_serv	BOBJ1	49	132.265	After	Interior Girder 2	8.425	0.95	1	1	3.168452
EV3_serv	BOBJ1	49	132.265	After	Interior Girder 3	8.425	0.95	1	1	3.072272
EV3_serv	BOBJ1	49	132.265	After	Interior Girder 4	8.425	0.95	1	1	3.072272
EV3_serv	BOBJ1	49	132.265	After	Interior Girder 5	8.425	0.95	1	1	3.168452
EV3_serv	BOBJ1	49	132.265	After	Interior Girder 6	8.425	0.95	1	1	3.219706
EV3_serv	BOBJ1	49	132.265	After	Right Exterior Girder	8.425	0.95	1	1	2.941749
EV3_serv	BOBJ1	50	140.69	Before	Left Exterior Girder	16.85	0.95	1	1	4.107527
EV3_serv	BOBJ1	50	140.69	Before	Interior Girder 1	16.85	0.95	1	1	3.508731
EV3_serv	BOBJ1	50	140.69	Before	Interior Girder 2	16.85	0.95	1	1	3.224552
EV3_serv	BOBJ1	50	140.69	Before	Interior Girder 3	16.85	0.95	1	1	3.134761
EV3_serv	BOBJ1	50	140.69	Before	Interior Girder 4	16.85	0.95	1	1	3.134761
EV3_serv	BOBJ1	50	140.69	Before	Interior Girder 5	16.85	0.95	1	1	3.224552
EV3_serv	BOBJ1	50	140.69	Before	Interior Girder 6	16.85	0.95	1	1	3.508731
EV3_serv	BOBJ1	50	140.69	Before	Right Exterior Girder	16.85	0.95	1	1	4.107527
EV3_serv	BOBJ1	51	140.69	After	Left Exterior Girder	16.85	0.95	1	1	4.200746
EV3_serv	BOBJ1	51	140.69	After	Interior Girder 1	16.85	0.95	1	1	3.45701
EV3_serv	BOBJ1	51	140.69	After	Interior Girder 2	16.85	0.95	1	1	3.224967
EV3_serv	BOBJ1	51	140.69	After	Interior Girder 3	16.85	0.95	1	1	3.178761
EV3_serv	BOBJ1	51	140.69	After	Interior Girder 4	16.85	0.95	1	1	3.178761
EV3_serv	BOBJ1	51	140.69	After	Interior Girder 5	16.85	0.95	1	1	3.224967

TABLE: Bridge Super Rating AASHTORATE18 31 - SteelICompServ-Flx - Approach, Span 7-11										
Request	BridgeObj	BridgeCut	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	Unitless	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
EV3_serv	BOBJ1	51	140.69	After	Interior Girder 6	16.85	0.95	1	1	3.45701
EV3_serv	BOBJ1	51	140.69	After	Right Exterior Girder	16.85	0.95	1	1	4.200746
EV3_serv	BOBJ1	52	149.115	Before	Left Exterior Girder	25.275	0.95	1	1	2.653537
EV3_serv	BOBJ1	52	149.115	Before	Interior Girder 1	25.275	0.95	1	1	2.18029
EV3_serv	BOBJ1	52	149.115	Before	Interior Girder 2	25.275	0.95	1	1	2.108777
EV3_serv	BOBJ1	52	149.115	Before	Interior Girder 3	25.275	0.95	1	1	2.051192
EV3_serv	BOBJ1	52	149.115	Before	Interior Girder 4	25.275	0.95	1	1	2.051192
EV3_serv	BOBJ1	52	149.115	Before	Interior Girder 5	25.275	0.95	1	1	2.108777
EV3_serv	BOBJ1	52	149.115	Before	Interior Girder 6	25.275	0.95	1	1	2.18029
EV3_serv	BOBJ1	52	149.115	Before	Right Exterior Girder	25.275	0.95	1	1	2.653537
EV3_serv	BOBJ1	53	149.115	After	Left Exterior Girder	25.275	0.95	1	1	2.681961
EV3_serv	BOBJ1	53	149.115	After	Interior Girder 1	25.275	0.95	1	1	2.16264
EV3_serv	BOBJ1	53	149.115	After	Interior Girder 2	25.275	0.95	1	1	2.106033
EV3_serv	BOBJ1	53	149.115	After	Interior Girder 3	25.275	0.95	1	1	2.064104
EV3_serv	BOBJ1	53	149.115	After	Interior Girder 4	25.275	0.95	1	1	2.064104
EV3_serv	BOBJ1	53	149.115	After	Interior Girder 5	25.275	0.95	1	1	2.106033
EV3_serv	BOBJ1	53	149.115	After	Interior Girder 6	25.275	0.95	1	1	2.16264
EV3_serv	BOBJ1	53	149.115	After	Right Exterior Girder	25.275	0.95	1	1	2.681961
EV3_serv	BOBJ1	54	157.54	Before	Left Exterior Girder	33.7	0.95	1	1	2.165183
EV3_serv	BOBJ1	54	157.54	Before	Interior Girder 1	33.7	0.95	1	1	2.063155
EV3_serv	BOBJ1	54	157.54	Before	Interior Girder 2	33.7	0.95	1	1	2.007103
EV3_serv	BOBJ1	54	157.54	Before	Interior Girder 3	33.7	0.95	1	1	2.028353
EV3_serv	BOBJ1	54	157.54	Before	Interior Girder 4	33.7	0.95	1	1	2.028353
EV3_serv	BOBJ1	54	157.54	Before	Interior Girder 5	33.7	0.95	1	1	2.007103
EV3_serv	BOBJ1	54	157.54	Before	Interior Girder 6	33.7	0.95	1	1	2.063155
EV3_serv	BOBJ1	54	157.54	Before	Right Exterior Girder	33.7	0.95	1	1	2.165183
EV3_serv	BOBJ1	55	157.54	After	Left Exterior Girder	33.7	0.95	1	1	2.165308
EV3_serv	BOBJ1	55	157.54	After	Interior Girder 1	33.7	0.95	1	1	2.063147
EV3_serv	BOBJ1	55	157.54	After	Interior Girder 2	33.7	0.95	1	1	2.007064
EV3_serv	BOBJ1	55	157.54	After	Interior Girder 3	33.7	0.95	1	1	2.028361
EV3_serv	BOBJ1	55	157.54	After	Interior Girder 4	33.7	0.95	1	1	2.028361
EV3_serv	BOBJ1	55	157.54	After	Interior Girder 5	33.7	0.95	1	1	2.007064
EV3_serv	BOBJ1	55	157.54	After	Interior Girder 6	33.7	0.95	1	1	2.063147
EV3_serv	BOBJ1	55	157.54	After	Right Exterior Girder	33.7	0.95	1	1	2.165308
EV3_serv	BOBJ1	56	165.965	Before	Left Exterior Girder	42.125	0.95	1	1	2.679842
EV3_serv	BOBJ1	56	165.965	Before	Interior Girder 1	42.125	0.95	1	1	2.161768
EV3_serv	BOBJ1	56	165.965	Before	Interior Girder 2	42.125	0.95	1	1	2.105212
EV3_serv	BOBJ1	56	165.965	Before	Interior Girder 3	42.125	0.95	1	1	2.063197
EV3_serv	BOBJ1	56	165.965	Before	Interior Girder 4	42.125	0.95	1	1	2.063197
EV3_serv	BOBJ1	56	165.965	Before	Interior Girder 5	42.125	0.95	1	1	2.105212
EV3_serv	BOBJ1	56	165.965	Before	Interior Girder 6	42.125	0.95	1	1	2.161768
EV3_serv	BOBJ1	56	165.965	Before	Right Exterior Girder	42.125	0.95	1	1	2.679842
EV3_serv	BOBJ1	57	165.965	After	Left Exterior Girder	42.125	0.95	1	1	2.651694
EV3_serv	BOBJ1	57	165.965	After	Interior Girder 1	42.125	0.95	1	1	2.179332
EV3_serv	BOBJ1	57	165.965	After	Interior Girder 2	42.125	0.95	1	1	2.107939
EV3_serv	BOBJ1	57	165.965	After	Interior Girder 3	42.125	0.95	1	1	2.05037
EV3_serv	BOBJ1	57	165.965	After	Interior Girder 4	42.125	0.95	1	1	2.05037
EV3_serv	BOBJ1	57	165.965	After	Interior Girder 5	42.125	0.95	1	1	2.107939
EV3_serv	BOBJ1	57	165.965	After	Interior Girder 6	42.125	0.95	1	1	2.179332
EV3_serv	BOBJ1	57	165.965	After	Right Exterior Girder	42.125	0.95	1	1	2.651694
EV3_serv	BOBJ1	58	174.39	Before	Left Exterior Girder	50.55	0.95	1	1	4.192636
EV3_serv	BOBJ1	58	174.39	Before	Interior Girder 1	50.55	0.95	1	1	3.453227
EV3_serv	BOBJ1	58	174.39	Before	Interior Girder 2	50.55	0.95	1	1	3.221794
EV3_serv	BOBJ1	58	174.39	Before	Interior Girder 3	50.55	0.95	1	1	3.175074
EV3_serv	BOBJ1	58	174.39	Before	Interior Girder 4	50.55	0.95	1	1	3.175074
EV3_serv	BOBJ1	58	174.39	Before	Interior Girder 5	50.55	0.95	1	1	3.221794
EV3_serv	BOBJ1	58	174.39	Before	Interior Girder 6	50.55	0.95	1	1	3.453227
EV3_serv	BOBJ1	58	174.39	Before	Right Exterior Girder	50.55	0.95	1	1	4.192636
EV3_serv	BOBJ1	59	174.39	After	Left Exterior Girder	50.55	0.95	1	1	4.09964
EV3_serv	BOBJ1	59	174.39	After	Interior Girder 1	50.55	0.95	1	1	3.504968
EV3_serv	BOBJ1	59	174.39	After	Interior Girder 2	50.55	0.95	1	1	3.221441
EV3_serv	BOBJ1	59	174.39	After	Interior Girder 3	50.55	0.95	1	1	3.131232
EV3_serv	BOBJ1	59	174.39	After	Interior Girder 4	50.55	0.95	1	1	3.131232
EV3_serv	BOBJ1	59	174.39	After	Interior Girder 5	50.55	0.95	1	1	3.221441
EV3_serv	BOBJ1	59	174.39	After	Interior Girder 6	50.55	0.95	1	1	3.504968
EV3_serv	BOBJ1	59	174.39	After	Right Exterior Girder	50.55	0.95	1	1	4.09964
EV3_serv	BOBJ1	60	182.825	Before	Left Exterior Girder	58.985	0.95	1	1	2.944286
EV3_serv	BOBJ1	60	182.825	Before	Interior Girder 1	58.985	0.95	1	1	3.218482
EV3_serv	BOBJ1	60	182.825	Before	Interior Girder 2	58.985	0.95	1	1	3.166865
EV3_serv	BOBJ1	60	182.825	Before	Interior Girder 3	58.985	0.95	1	1	3.074034
EV3_serv	BOBJ1	60	182.825	Before	Interior Girder 4	58.985	0.95	1	1	3.074034
EV3_serv	BOBJ1	60	182.825	Before	Interior Girder 5	58.985	0.95	1	1	3.166865
EV3_serv	BOBJ1	60	182.825	Before	Interior Girder 6	58.985	0.95	1	1	3.218482

TABLE: Bridge Super Rating AASHTORATE18 31 - SteelICompServ-Flx - Approach, Span 7-11										
Request	BridgeObj	BridgeCut	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	Unitless	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
EV3_serv	BOBJ1	60	182.825	Before	Right Exterior Girder	58.985	0.95	1	1	2.944286
EV3_serv	BOBJ1	61	182.825	After	Left Exterior Girder	58.985	0.95	1	1	3.007735
EV3_serv	BOBJ1	61	182.825	After	Interior Girder 1	58.985	0.95	1	1	3.163084
EV3_serv	BOBJ1	61	182.825	After	Interior Girder 2	58.985	0.95	1	1	3.135456
EV3_serv	BOBJ1	61	182.825	After	Interior Girder 3	58.985	0.95	1	1	3.062155
EV3_serv	BOBJ1	61	182.825	After	Interior Girder 4	58.985	0.95	1	1	3.062155
EV3_serv	BOBJ1	61	182.825	After	Interior Girder 5	58.985	0.95	1	1	3.135456
EV3_serv	BOBJ1	61	182.825	After	Interior Girder 6	58.985	0.95	1	1	3.163084
EV3_serv	BOBJ1	61	182.825	After	Right Exterior Girder	58.985	0.95	1	1	3.007735
EV3_serv	BOBJ1	62	183.76	Before	Left Exterior Girder	59.92	0.95	1	1	2.790483
EV3_serv	BOBJ1	62	183.76	Before	Right Exterior Girder	59.92	0.95	1	1	2.790483
EV3_serv	BOBJ1	63	183.76	After	Left Exterior Girder	59.92	0.95	1	1	5.541583
EV3_serv	BOBJ1	63	183.76	After	Right Exterior Girder	59.92	0.95	1	1	5.541583
EV3_serv	BOBJ1	64	186.26	Before	Interior Girder 1	62.42	0.95	1	1	2.671579
EV3_serv	BOBJ1	64	186.26	Before	Interior Girder 2	62.42	0.95	1	1	2.6263
EV3_serv	BOBJ1	64	186.26	Before	Interior Girder 3	62.42	0.95	1	1	2.466458
EV3_serv	BOBJ1	64	186.26	Before	Interior Girder 4	62.42	0.95	1	1	2.466458
EV3_serv	BOBJ1	64	186.26	Before	Interior Girder 5	62.42	0.95	1	1	2.6263
EV3_serv	BOBJ1	64	186.26	Before	Interior Girder 6	62.42	0.95	1	1	2.671579
EV3_serv	BOBJ1	65	186.26	After	Interior Girder 1	62.42	0.95	1	1	3.728263
EV3_serv	BOBJ1	65	186.26	After	Interior Girder 2	62.42	0.95	1	1	3.580702
EV3_serv	BOBJ1	65	186.26	After	Interior Girder 3	62.42	0.95	1	1	3.396786
EV3_serv	BOBJ1	65	186.26	After	Interior Girder 4	62.42	0.95	1	1	3.396786
EV3_serv	BOBJ1	65	186.26	After	Interior Girder 5	62.42	0.95	1	1	3.580702
EV3_serv	BOBJ1	65	186.26	After	Interior Girder 6	62.42	0.95	1	1	3.728263
EV3_serv	BOBJ1	66	191.26	Before	Left Exterior Girder	67.42	0.95	1	1	3.545748
EV3_serv	BOBJ1	66	191.26	Before	Interior Girder 1	67.42	0.95	1	1	2.613362
EV3_serv	BOBJ1	66	191.26	Before	Interior Girder 2	67.42	0.95	1	1	2.489081
EV3_serv	BOBJ1	66	191.26	Before	Interior Girder 3	67.42	0.95	1	1	2.091931
EV3_serv	BOBJ1	66	191.26	Before	Interior Girder 4	67.42	0.95	1	1	2.091931
EV3_serv	BOBJ1	66	191.26	Before	Interior Girder 5	67.42	0.95	1	1	2.489081
EV3_serv	BOBJ1	66	191.26	Before	Interior Girder 6	67.42	0.95	1	1	2.613362
EV3_serv	BOBJ1	66	191.26	Before	Right Exterior Girder	67.42	0.95	1	1	3.545748
EV3_serv	BOBJ1	67	191.26	After	Left Exterior Girder	0	0.95	1	1	3.574664
EV3_serv	BOBJ1	67	191.26	After	Interior Girder 1	0	0.95	1	1	2.660896
EV3_serv	BOBJ1	67	191.26	After	Interior Girder 2	0	0.95	1	1	2.509172
EV3_serv	BOBJ1	67	191.26	After	Interior Girder 3	0	0.95	1	1	2.095936
EV3_serv	BOBJ1	67	191.26	After	Interior Girder 4	0	0.95	1	1	2.095936
EV3_serv	BOBJ1	67	191.26	After	Interior Girder 5	0	0.95	1	1	2.509172
EV3_serv	BOBJ1	67	191.26	After	Interior Girder 6	0	0.95	1	1	2.660896
EV3_serv	BOBJ1	67	191.26	After	Right Exterior Girder	0	0.95	1	1	3.574664
EV3_serv	BOBJ1	68	196.26	Before	Interior Girder 1	5	0.95	1	1	3.654687
EV3_serv	BOBJ1	68	196.26	Before	Interior Girder 2	5	0.95	1	1	3.525664
EV3_serv	BOBJ1	68	196.26	Before	Interior Girder 3	5	0.95	1	1	3.350298
EV3_serv	BOBJ1	68	196.26	Before	Interior Girder 4	5	0.95	1	1	3.350298
EV3_serv	BOBJ1	68	196.26	Before	Interior Girder 5	5	0.95	1	1	3.525664
EV3_serv	BOBJ1	68	196.26	Before	Interior Girder 6	5	0.95	1	1	3.654687
EV3_serv	BOBJ1	69	196.26	After	Interior Girder 1	5	0.95	1	1	2.61456
EV3_serv	BOBJ1	69	196.26	After	Interior Girder 2	5	0.95	1	1	2.584922
EV3_serv	BOBJ1	69	196.26	After	Interior Girder 3	5	0.95	1	1	2.425383
EV3_serv	BOBJ1	69	196.26	After	Interior Girder 4	5	0.95	1	1	2.425383
EV3_serv	BOBJ1	69	196.26	After	Interior Girder 5	5	0.95	1	1	2.584922
EV3_serv	BOBJ1	69	196.26	After	Interior Girder 6	5	0.95	1	1	2.61456
EV3_serv	BOBJ1	70	198.76	Before	Left Exterior Girder	7.5	0.95	1	1	5.4074
EV3_serv	BOBJ1	70	198.76	Before	Right Exterior Girder	7.5	0.95	1	1	5.4074
EV3_serv	BOBJ1	71	198.76	After	Left Exterior Girder	7.5	0.95	1	1	2.723749
EV3_serv	BOBJ1	71	198.76	After	Right Exterior Girder	7.5	0.95	1	1	2.723749
EV3_serv	BOBJ1	72	199.685	Before	Left Exterior Girder	8.425	0.95	1	1	2.923781
EV3_serv	BOBJ1	72	199.685	Before	Interior Girder 1	8.425	0.95	1	1	3.093366
EV3_serv	BOBJ1	72	199.685	Before	Interior Girder 2	8.425	0.95	1	1	3.083242
EV3_serv	BOBJ1	72	199.685	Before	Interior Girder 3	8.425	0.95	1	1	3.007969
EV3_serv	BOBJ1	72	199.685	Before	Interior Girder 4	8.425	0.95	1	1	3.007969
EV3_serv	BOBJ1	72	199.685	Before	Interior Girder 5	8.425	0.95	1	1	3.083242
EV3_serv	BOBJ1	72	199.685	Before	Interior Girder 6	8.425	0.95	1	1	3.093366
EV3_serv	BOBJ1	72	199.685	Before	Right Exterior Girder	8.425	0.95	1	1	2.923781
EV3_serv	BOBJ1	73	199.685	After	Left Exterior Girder	8.425	0.95	1	1	2.86204
EV3_serv	BOBJ1	73	199.685	After	Interior Girder 1	8.425	0.95	1	1	3.1481
EV3_serv	BOBJ1	73	199.685	After	Interior Girder 2	8.425	0.95	1	1	3.112847
EV3_serv	BOBJ1	73	199.685	After	Interior Girder 3	8.425	0.95	1	1	3.018942
EV3_serv	BOBJ1	73	199.685	After	Interior Girder 4	8.425	0.95	1	1	3.018942
EV3_serv	BOBJ1	73	199.685	After	Interior Girder 5	8.425	0.95	1	1	3.112847
EV3_serv	BOBJ1	73	199.685	After	Interior Girder 6	8.425	0.95	1	1	3.1481
EV3_serv	BOBJ1	73	199.685	After	Right Exterior Girder	8.425	0.95	1	1	2.86204

TABLE: Bridge Super Rating AASHTORATE18 31 - SteelICompServ-Flx - Approach, Span 7-11										
Request	BridgeObj	BridgeCut	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	Unitless	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
EV3_serv	BOBJ1	74	208.11	Before	Left Exterior Girder	16.85	0.95	1	1	4.083185
EV3_serv	BOBJ1	74	208.11	Before	Interior Girder 1	16.85	0.95	1	1	3.505778
EV3_serv	BOBJ1	74	208.11	Before	Interior Girder 2	16.85	0.95	1	1	3.220911
EV3_serv	BOBJ1	74	208.11	Before	Interior Girder 3	16.85	0.95	1	1	3.128129
EV3_serv	BOBJ1	74	208.11	Before	Interior Girder 4	16.85	0.95	1	1	3.128129
EV3_serv	BOBJ1	74	208.11	Before	Interior Girder 5	16.85	0.95	1	1	3.220911
EV3_serv	BOBJ1	74	208.11	Before	Interior Girder 6	16.85	0.95	1	1	3.505778
EV3_serv	BOBJ1	74	208.11	Before	Right Exterior Girder	16.85	0.95	1	1	4.083185
EV3_serv	BOBJ1	75	208.11	After	Left Exterior Girder	16.85	0.95	1	1	4.173872
EV3_serv	BOBJ1	75	208.11	After	Interior Girder 1	16.85	0.95	1	1	3.4537
EV3_serv	BOBJ1	75	208.11	After	Interior Girder 2	16.85	0.95	1	1	3.221875
EV3_serv	BOBJ1	75	208.11	After	Interior Girder 3	16.85	0.95	1	1	3.172637
EV3_serv	BOBJ1	75	208.11	After	Interior Girder 4	16.85	0.95	1	1	3.172637
EV3_serv	BOBJ1	75	208.11	After	Interior Girder 5	16.85	0.95	1	1	3.221875
EV3_serv	BOBJ1	75	208.11	After	Interior Girder 6	16.85	0.95	1	1	3.4537
EV3_serv	BOBJ1	75	208.11	After	Right Exterior Girder	16.85	0.95	1	1	4.173872
EV3_serv	BOBJ1	76	216.535	Before	Left Exterior Girder	25.275	0.95	1	1	2.666407
EV3_serv	BOBJ1	76	216.535	Before	Interior Girder 1	25.275	0.95	1	1	2.192575
EV3_serv	BOBJ1	76	216.535	Before	Interior Girder 2	25.275	0.95	1	1	2.116013
EV3_serv	BOBJ1	76	216.535	Before	Interior Girder 3	25.275	0.95	1	1	2.053815
EV3_serv	BOBJ1	76	216.535	Before	Interior Girder 4	25.275	0.95	1	1	2.053815
EV3_serv	BOBJ1	76	216.535	Before	Interior Girder 5	25.275	0.95	1	1	2.116013
EV3_serv	BOBJ1	76	216.535	Before	Interior Girder 6	25.275	0.95	1	1	2.192575
EV3_serv	BOBJ1	76	216.535	Before	Right Exterior Girder	25.275	0.95	1	1	2.666407
EV3_serv	BOBJ1	77	216.535	After	Left Exterior Girder	25.275	0.95	1	1	2.693496
EV3_serv	BOBJ1	77	216.535	After	Interior Girder 1	25.275	0.95	1	1	2.174353
EV3_serv	BOBJ1	77	216.535	After	Interior Girder 2	25.275	0.95	1	1	2.113869
EV3_serv	BOBJ1	77	216.535	After	Interior Girder 3	25.275	0.95	1	1	2.067047
EV3_serv	BOBJ1	77	216.535	After	Interior Girder 4	25.275	0.95	1	1	2.067047
EV3_serv	BOBJ1	77	216.535	After	Interior Girder 5	25.275	0.95	1	1	2.113869
EV3_serv	BOBJ1	77	216.535	After	Interior Girder 6	25.275	0.95	1	1	2.174353
EV3_serv	BOBJ1	77	216.535	After	Right Exterior Girder	25.275	0.95	1	1	2.693496
EV3_serv	BOBJ1	78	224.96	Before	Left Exterior Girder	33.7	0.95	1	1	2.195374
EV3_serv	BOBJ1	78	224.96	Before	Interior Girder 1	33.7	0.95	1	1	2.088156
EV3_serv	BOBJ1	78	224.96	Before	Interior Girder 2	33.7	0.95	1	1	2.022023
EV3_serv	BOBJ1	78	224.96	Before	Interior Girder 3	33.7	0.95	1	1	2.035911
EV3_serv	BOBJ1	78	224.96	Before	Interior Girder 4	33.7	0.95	1	1	2.035911
EV3_serv	BOBJ1	78	224.96	Before	Interior Girder 5	33.7	0.95	1	1	2.022023
EV3_serv	BOBJ1	78	224.96	Before	Interior Girder 6	33.7	0.95	1	1	2.088156
EV3_serv	BOBJ1	78	224.96	Before	Right Exterior Girder	33.7	0.95	1	1	2.195374
EV3_serv	BOBJ1	79	224.96	After	Left Exterior Girder	33.7	0.95	1	1	2.194214
EV3_serv	BOBJ1	79	224.96	After	Interior Girder 1	33.7	0.95	1	1	2.088031
EV3_serv	BOBJ1	79	224.96	After	Interior Girder 2	33.7	0.95	1	1	2.023308
EV3_serv	BOBJ1	79	224.96	After	Interior Girder 3	33.7	0.95	1	1	2.036213
EV3_serv	BOBJ1	79	224.96	After	Interior Girder 4	33.7	0.95	1	1	2.036213
EV3_serv	BOBJ1	79	224.96	After	Interior Girder 5	33.7	0.95	1	1	2.023308
EV3_serv	BOBJ1	79	224.96	After	Interior Girder 6	33.7	0.95	1	1	2.088031
EV3_serv	BOBJ1	79	224.96	After	Right Exterior Girder	33.7	0.95	1	1	2.194214
EV3_serv	BOBJ1	80	233.385	Before	Left Exterior Girder	42.125	0.95	1	1	2.756674
EV3_serv	BOBJ1	80	233.385	Before	Interior Girder 1	42.125	0.95	1	1	2.196271
EV3_serv	BOBJ1	80	233.385	Before	Interior Girder 2	42.125	0.95	1	1	2.127745
EV3_serv	BOBJ1	80	233.385	Before	Interior Girder 3	42.125	0.95	1	1	2.076761
EV3_serv	BOBJ1	80	233.385	Before	Interior Girder 4	42.125	0.95	1	1	2.076761
EV3_serv	BOBJ1	80	233.385	Before	Interior Girder 5	42.125	0.95	1	1	2.127745
EV3_serv	BOBJ1	80	233.385	Before	Interior Girder 6	42.125	0.95	1	1	2.196271
EV3_serv	BOBJ1	80	233.385	Before	Right Exterior Girder	42.125	0.95	1	1	2.756674
EV3_serv	BOBJ1	81	233.385	After	Left Exterior Girder	42.125	0.95	1	1	2.723336
EV3_serv	BOBJ1	81	233.385	After	Interior Girder 1	42.125	0.95	1	1	2.216346
EV3_serv	BOBJ1	81	233.385	After	Interior Girder 2	42.125	0.95	1	1	2.130749
EV3_serv	BOBJ1	81	233.385	After	Interior Girder 3	42.125	0.95	1	1	2.062705
EV3_serv	BOBJ1	81	233.385	After	Interior Girder 4	42.125	0.95	1	1	2.062705
EV3_serv	BOBJ1	81	233.385	After	Interior Girder 5	42.125	0.95	1	1	2.130749
EV3_serv	BOBJ1	81	233.385	After	Interior Girder 6	42.125	0.95	1	1	2.216346
EV3_serv	BOBJ1	81	233.385	After	Right Exterior Girder	42.125	0.95	1	1	2.723336
EV3_serv	BOBJ1	82	241.81	Before	Left Exterior Girder	50.55	0.95	1	1	4.394382
EV3_serv	BOBJ1	82	241.81	Before	Interior Girder 1	50.55	0.95	1	1	3.570727
EV3_serv	BOBJ1	82	241.81	Before	Interior Girder 2	50.55	0.95	1	1	3.295638
EV3_serv	BOBJ1	82	241.81	Before	Interior Girder 3	50.55	0.95	1	1	3.255059
EV3_serv	BOBJ1	82	241.81	Before	Interior Girder 4	50.55	0.95	1	1	3.255059
EV3_serv	BOBJ1	82	241.81	Before	Interior Girder 5	50.55	0.95	1	1	3.295638
EV3_serv	BOBJ1	82	241.81	Before	Interior Girder 6	50.55	0.95	1	1	3.570727
EV3_serv	BOBJ1	82	241.81	Before	Right Exterior Girder	50.55	0.95	1	1	4.394382
EV3_serv	BOBJ1	83	241.81	After	Left Exterior Girder	50.55	0.95	1	1	4.30188

TABLE: Bridge Super Rating AASHTORATE18 31 - SteelICompServ-Flx - Approach, Span 7-11										
Request	BridgeObj	BridgeCut	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	Unitless	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
EV3_serv	BOBJ1	83	241.81	After	Interior Girder 1	50.55	0.95	1	1	3.621231
EV3_serv	BOBJ1	83	241.81	After	Interior Girder 2	50.55	0.95	1	1	3.314411
EV3_serv	BOBJ1	83	241.81	After	Interior Girder 3	50.55	0.95	1	1	3.240635
EV3_serv	BOBJ1	83	241.81	After	Interior Girder 4	50.55	0.95	1	1	3.240635
EV3_serv	BOBJ1	83	241.81	After	Interior Girder 5	50.55	0.95	1	1	3.314411
EV3_serv	BOBJ1	83	241.81	After	Interior Girder 6	50.55	0.95	1	1	3.621231
EV3_serv	BOBJ1	83	241.81	After	Right Exterior Girder	50.55	0.95	1	1	4.30188
EV3_serv	BOBJ1	84	245.18	Before	Left Exterior Girder	53.92	0.95	1	1	4.290242
EV3_serv	BOBJ1	84	245.18	Before	Interior Girder 1	53.92	0.95	1	1	4.377113
EV3_serv	BOBJ1	84	245.18	Before	Interior Girder 2	53.92	0.95	1	1	4.079902
EV3_serv	BOBJ1	84	245.18	Before	Interior Girder 3	53.92	0.95	1	1	3.993863
EV3_serv	BOBJ1	84	245.18	Before	Interior Girder 4	53.92	0.95	1	1	3.993863
EV3_serv	BOBJ1	84	245.18	Before	Interior Girder 5	53.92	0.95	1	1	4.079902
EV3_serv	BOBJ1	84	245.18	Before	Interior Girder 6	53.92	0.95	1	1	4.377113
EV3_serv	BOBJ1	84	245.18	Before	Right Exterior Girder	53.92	0.95	1	1	4.290242
EV3_serv	BOBJ1	85	245.18	After	Left Exterior Girder	53.92	0.95	1	1	4.990785
EV3_serv	BOBJ1	85	245.18	After	Interior Girder 1	53.92	0.95	1	1	4.683445
EV3_serv	BOBJ1	85	245.18	After	Interior Girder 2	53.92	0.95	1	1	4.301057
EV3_serv	BOBJ1	85	245.18	After	Interior Girder 3	53.92	0.95	1	1	4.172379
EV3_serv	BOBJ1	85	245.18	After	Interior Girder 4	53.92	0.95	1	1	4.172379
EV3_serv	BOBJ1	85	245.18	After	Interior Girder 5	53.92	0.95	1	1	4.301057
EV3_serv	BOBJ1	85	245.18	After	Interior Girder 6	53.92	0.95	1	1	4.683445
EV3_serv	BOBJ1	85	245.18	After	Right Exterior Girder	53.92	0.95	1	1	4.990785
EV3_serv	BOBJ1	86	250.245	Before	Left Exterior Girder	58.985	0.95	1	1	3.786974
EV3_serv	BOBJ1	86	250.245	Before	Interior Girder 1	58.985	0.95	1	1	3.772668
EV3_serv	BOBJ1	86	250.245	Before	Interior Girder 2	58.985	0.95	1	1	3.599116
EV3_serv	BOBJ1	86	250.245	Before	Interior Girder 3	58.985	0.95	1	1	3.485817
EV3_serv	BOBJ1	86	250.245	Before	Interior Girder 4	58.985	0.95	1	1	3.485817
EV3_serv	BOBJ1	86	250.245	Before	Interior Girder 5	58.985	0.95	1	1	3.599116
EV3_serv	BOBJ1	86	250.245	Before	Interior Girder 6	58.985	0.95	1	1	3.772668
EV3_serv	BOBJ1	86	250.245	Before	Right Exterior Girder	58.985	0.95	1	1	3.786974
EV3_serv	BOBJ1	87	250.245	After	Left Exterior Girder	58.985	0.95	1	1	3.819115
EV3_serv	BOBJ1	87	250.245	After	Interior Girder 1	58.985	0.95	1	1	3.735834
EV3_serv	BOBJ1	87	250.245	After	Interior Girder 2	58.985	0.95	1	1	3.562386
EV3_serv	BOBJ1	87	250.245	After	Interior Girder 3	58.985	0.95	1	1	3.462206
EV3_serv	BOBJ1	87	250.245	After	Interior Girder 4	58.985	0.95	1	1	3.462206
EV3_serv	BOBJ1	87	250.245	After	Interior Girder 5	58.985	0.95	1	1	3.562386
EV3_serv	BOBJ1	87	250.245	After	Interior Girder 6	58.985	0.95	1	1	3.735834
EV3_serv	BOBJ1	87	250.245	After	Right Exterior Girder	58.985	0.95	1	1	3.819115
EV3_serv	BOBJ1	88	251.68	Before	Left Exterior Girder	60.42	0.95	1	1	3.489636
EV3_serv	BOBJ1	88	251.68	Before	Right Exterior Girder	60.42	0.95	1	1	3.489636
EV3_serv	BOBJ1	89	251.68	After	Left Exterior Girder	60.42	0.95	1	1	6.056668
EV3_serv	BOBJ1	89	251.68	After	Right Exterior Girder	60.42	0.95	1	1	6.056668
EV3_serv	BOBJ1	90	254.18	Before	Interior Girder 1	62.92	0.95	1	1	3.069893
EV3_serv	BOBJ1	90	254.18	Before	Interior Girder 2	62.92	0.95	1	1	2.920583
EV3_serv	BOBJ1	90	254.18	Before	Interior Girder 3	62.92	0.95	1	1	2.670431
EV3_serv	BOBJ1	90	254.18	Before	Interior Girder 4	62.92	0.95	1	1	2.670431
EV3_serv	BOBJ1	90	254.18	Before	Interior Girder 5	62.92	0.95	1	1	2.920583
EV3_serv	BOBJ1	90	254.18	Before	Interior Girder 6	62.92	0.95	1	1	3.069893
EV3_serv	BOBJ1	91	254.18	After	Interior Girder 1	62.92	0.95	1	1	3.752065
EV3_serv	BOBJ1	91	254.18	After	Interior Girder 2	62.92	0.95	1	1	3.501192
EV3_serv	BOBJ1	91	254.18	After	Interior Girder 3	62.92	0.95	1	1	3.224329
EV3_serv	BOBJ1	91	254.18	After	Interior Girder 4	62.92	0.95	1	1	3.224329
EV3_serv	BOBJ1	91	254.18	After	Interior Girder 5	62.92	0.95	1	1	3.501192
EV3_serv	BOBJ1	91	254.18	After	Interior Girder 6	62.92	0.95	1	1	3.752065
EV3_serv	BOBJ1	92	258.68	Before	Left Exterior Girder	67.42	0.95	1	1	3.462986
EV3_serv	BOBJ1	92	258.68	Before	Interior Girder 1	67.42	0.95	1	1	2.387683
EV3_serv	BOBJ1	92	258.68	Before	Interior Girder 2	67.42	0.95	1	1	2.264833
EV3_serv	BOBJ1	92	258.68	Before	Interior Girder 3	67.42	0.95	1	1	1.916501
EV3_serv	BOBJ1	92	258.68	Before	Interior Girder 4	67.42	0.95	1	1	1.916501
EV3_serv	BOBJ1	92	258.68	Before	Interior Girder 5	67.42	0.95	1	1	2.264833
EV3_serv	BOBJ1	92	258.68	Before	Interior Girder 6	67.42	0.95	1	1	2.387683
EV3_serv	BOBJ1	92	258.68	Before	Right Exterior Girder	67.42	0.95	1	1	3.462986
EV3_serv	BOBJ1	93	258.68	After	Left Exterior Girder	0	0.95	1	1	3.538235
EV3_serv	BOBJ1	93	258.68	After	Interior Girder 1	0	0.95	1	1	2.531555
EV3_serv	BOBJ1	93	258.68	After	Interior Girder 2	0	0.95	1	1	2.354244
EV3_serv	BOBJ1	93	258.68	After	Interior Girder 3	0	0.95	1	1	1.95228
EV3_serv	BOBJ1	93	258.68	After	Interior Girder 4	0	0.95	1	1	1.95228
EV3_serv	BOBJ1	93	258.68	After	Interior Girder 5	0	0.95	1	1	2.354244
EV3_serv	BOBJ1	93	258.68	After	Interior Girder 6	0	0.95	1	1	2.531555
EV3_serv	BOBJ1	93	258.68	After	Right Exterior Girder	0	0.95	1	1	3.538235
EV3_serv	BOBJ1	94	263.18	Before	Interior Girder 1	4.5	0.95	1	1	3.281413
EV3_serv	BOBJ1	94	263.18	Before	Interior Girder 2	4.5	0.95	1	1	3.160072

TABLE: Bridge Super Rating AASHTORATE18 31 - SteelICompServ-Flx - Approach, Span 7-11										
Request	BridgeObj	BridgeCut	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	Unitless	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
EV3_serv	BOBJ1	94	263.18	Before	Interior Girder 3	4.5	0.95	1	1	2.992038
EV3_serv	BOBJ1	94	263.18	Before	Interior Girder 4	4.5	0.95	1	1	2.992038
EV3_serv	BOBJ1	94	263.18	Before	Interior Girder 5	4.5	0.95	1	1	3.160072
EV3_serv	BOBJ1	94	263.18	Before	Interior Girder 6	4.5	0.95	1	1	3.281413
EV3_serv	BOBJ1	95	263.18	After	Interior Girder 1	4.5	0.95	1	1	2.673829
EV3_serv	BOBJ1	95	263.18	After	Interior Girder 2	4.5	0.95	1	1	2.630148
EV3_serv	BOBJ1	95	263.18	After	Interior Girder 3	4.5	0.95	1	1	2.470571
EV3_serv	BOBJ1	95	263.18	After	Interior Girder 4	4.5	0.95	1	1	2.470571
EV3_serv	BOBJ1	95	263.18	After	Interior Girder 5	4.5	0.95	1	1	2.630148
EV3_serv	BOBJ1	95	263.18	After	Interior Girder 6	4.5	0.95	1	1	2.673829
EV3_serv	BOBJ1	96	265.68	Before	Left Exterior Girder	7	0.95	1	1	5.012544
EV3_serv	BOBJ1	96	265.68	Before	Right Exterior Girder	7	0.95	1	1	5.012544
EV3_serv	BOBJ1	97	265.68	After	Left Exterior Girder	7	0.95	1	1	2.902697
EV3_serv	BOBJ1	97	265.68	After	Right Exterior Girder	7	0.95	1	1	2.902697
EV3_serv	BOBJ1	98	268.08	Before	Left Exterior Girder	9.4	0.95	1	1	3.387803
EV3_serv	BOBJ1	98	268.08	Before	Interior Girder 1	9.4	0.95	1	1	3.384263
EV3_serv	BOBJ1	98	268.08	Before	Interior Girder 2	9.4	0.95	1	1	3.355563
EV3_serv	BOBJ1	98	268.08	Before	Interior Girder 3	9.4	0.95	1	1	3.301733
EV3_serv	BOBJ1	98	268.08	Before	Interior Girder 4	9.4	0.95	1	1	3.301733
EV3_serv	BOBJ1	98	268.08	Before	Interior Girder 5	9.4	0.95	1	1	3.355563
EV3_serv	BOBJ1	98	268.08	Before	Interior Girder 6	9.4	0.95	1	1	3.384263
EV3_serv	BOBJ1	98	268.08	Before	Right Exterior Girder	9.4	0.95	1	1	3.387803
EV3_serv	BOBJ1	99	268.08	After	Left Exterior Girder	9.4	0.95	1	1	3.325478
EV3_serv	BOBJ1	99	268.08	After	Interior Girder 1	9.4	0.95	1	1	3.435772
EV3_serv	BOBJ1	99	268.08	After	Interior Girder 2	9.4	0.95	1	1	3.392339
EV3_serv	BOBJ1	99	268.08	After	Interior Girder 3	9.4	0.95	1	1	3.316337
EV3_serv	BOBJ1	99	268.08	After	Interior Girder 4	9.4	0.95	1	1	3.316337
EV3_serv	BOBJ1	99	268.08	After	Interior Girder 5	9.4	0.95	1	1	3.392339
EV3_serv	BOBJ1	99	268.08	After	Interior Girder 6	9.4	0.95	1	1	3.435772
EV3_serv	BOBJ1	99	268.08	After	Right Exterior Girder	9.4	0.95	1	1	3.325478
EV3_serv	BOBJ1	100	277.48	Before	Left Exterior Girder	18.8	0.95	1	1	3.547491
EV3_serv	BOBJ1	100	277.48	Before	Interior Girder 1	18.8	0.95	1	1	3.090256
EV3_serv	BOBJ1	100	277.48	Before	Interior Girder 2	18.8	0.95	1	1	2.838197
EV3_serv	BOBJ1	100	277.48	Before	Interior Girder 3	18.8	0.95	1	1	2.763807
EV3_serv	BOBJ1	100	277.48	Before	Interior Girder 4	18.8	0.95	1	1	2.763807
EV3_serv	BOBJ1	100	277.48	Before	Interior Girder 5	18.8	0.95	1	1	2.838197
EV3_serv	BOBJ1	100	277.48	Before	Interior Girder 6	18.8	0.95	1	1	3.090256
EV3_serv	BOBJ1	100	277.48	Before	Right Exterior Girder	18.8	0.95	1	1	3.547491
EV3_serv	BOBJ1	101	277.48	After	Left Exterior Girder	18.8	0.95	1	1	3.619724
EV3_serv	BOBJ1	101	277.48	After	Interior Girder 1	18.8	0.95	1	1	3.043052
EV3_serv	BOBJ1	101	277.48	After	Interior Girder 2	18.8	0.95	1	1	2.84308
EV3_serv	BOBJ1	101	277.48	After	Interior Girder 3	18.8	0.95	1	1	2.796111
EV3_serv	BOBJ1	101	277.48	After	Interior Girder 4	18.8	0.95	1	1	2.796111
EV3_serv	BOBJ1	101	277.48	After	Interior Girder 5	18.8	0.95	1	1	2.84308
EV3_serv	BOBJ1	101	277.48	After	Interior Girder 6	18.8	0.95	1	1	3.043052
EV3_serv	BOBJ1	101	277.48	After	Right Exterior Girder	18.8	0.95	1	1	3.619724
EV3_serv	BOBJ1	102	286.88	Before	Left Exterior Girder	28.2	0.95	1	1	2.570705
EV3_serv	BOBJ1	102	286.88	Before	Interior Girder 1	28.2	0.95	1	1	2.020537
EV3_serv	BOBJ1	102	286.88	Before	Interior Girder 2	28.2	0.95	1	1	1.941745
EV3_serv	BOBJ1	102	286.88	Before	Interior Girder 3	28.2	0.95	1	1	1.87902
EV3_serv	BOBJ1	102	286.88	Before	Interior Girder 4	28.2	0.95	1	1	1.87902
EV3_serv	BOBJ1	102	286.88	Before	Interior Girder 5	28.2	0.95	1	1	1.941745
EV3_serv	BOBJ1	102	286.88	Before	Interior Girder 6	28.2	0.95	1	1	2.020537
EV3_serv	BOBJ1	102	286.88	Before	Right Exterior Girder	28.2	0.95	1	1	2.570705
EV3_serv	BOBJ1	103	286.88	After	Left Exterior Girder	28.2	0.95	1	1	2.577886
EV3_serv	BOBJ1	103	286.88	After	Interior Girder 1	28.2	0.95	1	1	2.013384
EV3_serv	BOBJ1	103	286.88	After	Interior Girder 2	28.2	0.95	1	1	1.943655
EV3_serv	BOBJ1	103	286.88	After	Interior Girder 3	28.2	0.95	1	1	1.886162
EV3_serv	BOBJ1	103	286.88	After	Interior Girder 4	28.2	0.95	1	1	1.886162
EV3_serv	BOBJ1	103	286.88	After	Interior Girder 5	28.2	0.95	1	1	1.943655
EV3_serv	BOBJ1	103	286.88	After	Interior Girder 6	28.2	0.95	1	1	2.013384
EV3_serv	BOBJ1	103	286.88	After	Right Exterior Girder	28.2	0.95	1	1	2.577886
EV3_serv	BOBJ1	104	296.28	Before	Left Exterior Girder	37.6	0.95	1	1	2.388814
EV3_serv	BOBJ1	104	296.28	Before	Interior Girder 1	37.6	0.95	1	1	2.149073
EV3_serv	BOBJ1	104	296.28	Before	Interior Girder 2	37.6	0.95	1	1	2.042333
EV3_serv	BOBJ1	104	296.28	Before	Interior Girder 3	37.6	0.95	1	1	2.024262
EV3_serv	BOBJ1	104	296.28	Before	Interior Girder 4	37.6	0.95	1	1	2.024262
EV3_serv	BOBJ1	104	296.28	Before	Interior Girder 5	37.6	0.95	1	1	2.042333
EV3_serv	BOBJ1	104	296.28	Before	Interior Girder 6	37.6	0.95	1	1	2.149073
EV3_serv	BOBJ1	104	296.28	Before	Right Exterior Girder	37.6	0.95	1	1	2.388814
EV3_serv	BOBJ1	105	296.28	After	Left Exterior Girder	37.6	0.95	1	1	2.361381
EV3_serv	BOBJ1	105	296.28	After	Interior Girder 1	37.6	0.95	1	1	2.1697
EV3_serv	BOBJ1	105	296.28	After	Interior Girder 2	37.6	0.95	1	1	2.038486

TABLE: Bridge Super Rating AASHTORATE18 31 - SteelICompServ-Flx - Approach, Span 7-11										
Request	BridgeObj	BridgeCut	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	Unitless	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
EV3_serv	BOBJ1	105	296.28	After	Interior Girder 3	37.6	0.95	1	1	2.010393
EV3_serv	BOBJ1	105	296.28	After	Interior Girder 4	37.6	0.95	1	1	2.010393
EV3_serv	BOBJ1	105	296.28	After	Interior Girder 5	37.6	0.95	1	1	2.038486
EV3_serv	BOBJ1	105	296.28	After	Interior Girder 6	37.6	0.95	1	1	2.1697
EV3_serv	BOBJ1	105	296.28	After	Right Exterior Girder	37.6	0.95	1	1	2.361381
EV3_serv	BOBJ1	106	305.69	Before	Left Exterior Girder	47.01	0.95	1	1	4.198923
EV3_serv	BOBJ1	106	305.69	Before	Interior Girder 1	47.01	0.95	1	1	2.892404
EV3_serv	BOBJ1	106	305.69	Before	Interior Girder 2	47.01	0.95	1	1	2.765551
EV3_serv	BOBJ1	106	305.69	Before	Interior Girder 3	47.01	0.95	1	1	2.562671
EV3_serv	BOBJ1	106	305.69	Before	Interior Girder 4	47.01	0.95	1	1	2.562671
EV3_serv	BOBJ1	106	305.69	Before	Interior Girder 5	47.01	0.95	1	1	2.765551
EV3_serv	BOBJ1	106	305.69	Before	Interior Girder 6	47.01	0.95	1	1	2.892404
EV3_serv	BOBJ1	106	305.69	Before	Right Exterior Girder	47.01	0.95	1	1	4.198923
EV3_serv	BOBJ1	107	305.69	After	Left Exterior Girder	47.01	0.95	1	1	4.198509
EV3_serv	BOBJ1	107	305.69	After	Interior Girder 1	47.01	0.95	1	1	2.897007
EV3_serv	BOBJ1	107	305.69	After	Interior Girder 2	47.01	0.95	1	1	2.716752
EV3_serv	BOBJ1	107	305.69	After	Interior Girder 3	47.01	0.95	1	1	2.476741
EV3_serv	BOBJ1	107	305.69	After	Interior Girder 4	47.01	0.95	1	1	2.476741
EV3_serv	BOBJ1	107	305.69	After	Interior Girder 5	47.01	0.95	1	1	2.716752
EV3_serv	BOBJ1	107	305.69	After	Interior Girder 6	47.01	0.95	1	1	2.897007
EV3_serv	BOBJ1	107	305.69	After	Right Exterior Girder	47.01	0.95	1	1	4.198509
EV3_serv	BOBJ1	108	315.1	Before	Left Exterior Girder	56.42	0.95	1	1	232.589482
EV3_serv	BOBJ1	108	315.1	Before	Interior Girder 1	56.42	0.95	1	1	285.076082
EV3_serv	BOBJ1	108	315.1	Before	Interior Girder 2	56.42	0.95	1	1	142.127099
EV3_serv	BOBJ1	108	315.1	Before	Interior Girder 3	56.42	0.95	1	1	105.550002
EV3_serv	BOBJ1	108	315.1	Before	Interior Girder 4	56.42	0.95	1	1	105.550002
EV3_serv	BOBJ1	108	315.1	Before	Interior Girder 5	56.42	0.95	1	1	142.127099
EV3_serv	BOBJ1	108	315.1	Before	Interior Girder 6	56.42	0.95	1	1	285.076081
EV3_serv	BOBJ1	108	315.1	Before	Right Exterior Girder	56.42	0.95	1	1	232.589483
EV3-neg_serv	BOBJ1	1	0	After	Left Exterior Girder	0	0.95	1	1	245.359649
EV3-neg_serv	BOBJ1	1	0	After	Interior Girder 1	0	0.95	1	1	347.492539
EV3-neg_serv	BOBJ1	1	0	After	Interior Girder 2	0	0.95	1	1	172.131698
EV3-neg_serv	BOBJ1	1	0	After	Interior Girder 3	0	0.95	1	1	124.859512
EV3-neg_serv	BOBJ1	1	0	After	Interior Girder 4	0	0.95	1	1	124.859511
EV3-neg_serv	BOBJ1	1	0	After	Interior Girder 5	0	0.95	1	1	172.131697
EV3-neg_serv	BOBJ1	1	0	After	Interior Girder 6	0	0.95	1	1	347.492535
EV3-neg_serv	BOBJ1	1	0	After	Right Exterior Girder	0	0.95	1	1	245.359649
EV3-neg_serv	BOBJ1	2	9.4	Before	Left Exterior Girder	9.4	0.95	1	1	24.398429
EV3-neg_serv	BOBJ1	2	9.4	Before	Interior Girder 1	9.4	0.95	1	1	24.674934
EV3-neg_serv	BOBJ1	2	9.4	Before	Interior Girder 2	9.4	0.95	1	1	27.154491
EV3-neg_serv	BOBJ1	2	9.4	Before	Interior Girder 3	9.4	0.95	1	1	27.803194
EV3-neg_serv	BOBJ1	2	9.4	Before	Interior Girder 4	9.4	0.95	1	1	27.803194
EV3-neg_serv	BOBJ1	2	9.4	Before	Interior Girder 5	9.4	0.95	1	1	27.154491
EV3-neg_serv	BOBJ1	2	9.4	Before	Interior Girder 6	9.4	0.95	1	1	24.674934
EV3-neg_serv	BOBJ1	2	9.4	Before	Right Exterior Girder	9.4	0.95	1	1	24.398429
EV3-neg_serv	BOBJ1	3	9.4	After	Left Exterior Girder	9.4	0.95	1	1	24.088927
EV3-neg_serv	BOBJ1	3	9.4	After	Interior Girder 1	9.4	0.95	1	1	23.716682
EV3-neg_serv	BOBJ1	3	9.4	After	Interior Girder 2	9.4	0.95	1	1	27.534062
EV3-neg_serv	BOBJ1	3	9.4	After	Interior Girder 3	9.4	0.95	1	1	29.021683
EV3-neg_serv	BOBJ1	3	9.4	After	Interior Girder 4	9.4	0.95	1	1	29.021683
EV3-neg_serv	BOBJ1	3	9.4	After	Interior Girder 5	9.4	0.95	1	1	27.534062
EV3-neg_serv	BOBJ1	3	9.4	After	Interior Girder 6	9.4	0.95	1	1	23.716682
EV3-neg_serv	BOBJ1	3	9.4	After	Right Exterior Girder	9.4	0.95	1	1	24.088927
EV3-neg_serv	BOBJ1	4	18.8	Before	Left Exterior Girder	18.8	0.95	1	1	12.888445
EV3-neg_serv	BOBJ1	4	18.8	Before	Interior Girder 1	18.8	0.95	1	1	12.9549
EV3-neg_serv	BOBJ1	4	18.8	Before	Interior Girder 2	18.8	0.95	1	1	14.274461
EV3-neg_serv	BOBJ1	4	18.8	Before	Interior Girder 3	18.8	0.95	1	1	14.841425
EV3-neg_serv	BOBJ1	4	18.8	Before	Interior Girder 4	18.8	0.95	1	1	14.841425
EV3-neg_serv	BOBJ1	4	18.8	Before	Interior Girder 5	18.8	0.95	1	1	14.274461
EV3-neg_serv	BOBJ1	4	18.8	Before	Interior Girder 6	18.8	0.95	1	1	12.9549
EV3-neg_serv	BOBJ1	4	18.8	Before	Right Exterior Girder	18.8	0.95	1	1	12.888445
EV3-neg_serv	BOBJ1	5	18.8	After	Left Exterior Girder	18.8	0.95	1	1	12.964085
EV3-neg_serv	BOBJ1	5	18.8	After	Interior Girder 1	18.8	0.95	1	1	12.679504
EV3-neg_serv	BOBJ1	5	18.8	After	Interior Girder 2	18.8	0.95	1	1	14.354377
EV3-neg_serv	BOBJ1	5	18.8	After	Interior Girder 3	18.8	0.95	1	1	15.131377
EV3-neg_serv	BOBJ1	5	18.8	After	Interior Girder 4	18.8	0.95	1	1	15.131377
EV3-neg_serv	BOBJ1	5	18.8	After	Interior Girder 5	18.8	0.95	1	1	14.354377
EV3-neg_serv	BOBJ1	5	18.8	After	Interior Girder 6	18.8	0.95	1	1	12.679504
EV3-neg_serv	BOBJ1	5	18.8	After	Right Exterior Girder	18.8	0.95	1	1	12.964085
EV3-neg_serv	BOBJ1	6	28.2	Before	Left Exterior Girder	28.2	0.95	1	1	8.829045
EV3-neg_serv	BOBJ1	6	28.2	Before	Interior Girder 1	28.2	0.95	1	1	8.390841
EV3-neg_serv	BOBJ1	6	28.2	Before	Interior Girder 2	28.2	0.95	1	1	8.936162
EV3-neg_serv	BOBJ1	6	28.2	Before	Interior Girder 3	28.2	0.95	1	1	9.347495

TABLE: Bridge Super Rating AASHTORATE18 31 - SteelICompServ-Flx - Approach, Span 7-11										
Request	BridgeObj	BridgeCut	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	Unitless	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
EV3-neg_serv	BOBJ1	6	28.2	Before	Interior Girder 4	28.2	0.95	1	1	9.347495
EV3-neg_serv	BOBJ1	6	28.2	Before	Interior Girder 5	28.2	0.95	1	1	8.936162
EV3-neg_serv	BOBJ1	6	28.2	Before	Interior Girder 6	28.2	0.95	1	1	8.390841
EV3-neg_serv	BOBJ1	6	28.2	Before	Right Exterior Girder	28.2	0.95	1	1	8.829045
EV3-neg_serv	BOBJ1	7	28.2	After	Left Exterior Girder	28.2	0.95	1	1	9.019561
EV3-neg_serv	BOBJ1	7	28.2	After	Interior Girder 1	28.2	0.95	1	1	8.25545
EV3-neg_serv	BOBJ1	7	28.2	After	Interior Girder 2	28.2	0.95	1	1	8.992802
EV3-neg_serv	BOBJ1	7	28.2	After	Interior Girder 3	28.2	0.95	1	1	9.455652
EV3-neg_serv	BOBJ1	7	28.2	After	Interior Girder 4	28.2	0.95	1	1	9.455652
EV3-neg_serv	BOBJ1	7	28.2	After	Interior Girder 5	28.2	0.95	1	1	8.992802
EV3-neg_serv	BOBJ1	7	28.2	After	Interior Girder 6	28.2	0.95	1	1	8.25545
EV3-neg_serv	BOBJ1	7	28.2	After	Right Exterior Girder	28.2	0.95	1	1	9.019561
EV3-neg_serv	BOBJ1	8	37.6	Before	Left Exterior Girder	37.6	0.95	1	1	5.987277
EV3-neg_serv	BOBJ1	8	37.6	Before	Interior Girder 1	37.6	0.95	1	1	5.738164
EV3-neg_serv	BOBJ1	8	37.6	Before	Interior Girder 2	37.6	0.95	1	1	5.950595
EV3-neg_serv	BOBJ1	8	37.6	Before	Interior Girder 3	37.6	0.95	1	1	6.281765
EV3-neg_serv	BOBJ1	8	37.6	Before	Interior Girder 4	37.6	0.95	1	1	6.281765
EV3-neg_serv	BOBJ1	8	37.6	Before	Interior Girder 5	37.6	0.95	1	1	5.950595
EV3-neg_serv	BOBJ1	8	37.6	Before	Interior Girder 6	37.6	0.95	1	1	5.738164
EV3-neg_serv	BOBJ1	8	37.6	Before	Right Exterior Girder	37.6	0.95	1	1	5.987277
EV3-neg_serv	BOBJ1	9	37.6	After	Left Exterior Girder	37.6	0.95	1	1	6.063964
EV3-neg_serv	BOBJ1	9	37.6	After	Interior Girder 1	37.6	0.95	1	1	5.678496
EV3-neg_serv	BOBJ1	9	37.6	After	Interior Girder 2	37.6	0.95	1	1	5.916044
EV3-neg_serv	BOBJ1	9	37.6	After	Interior Girder 3	37.6	0.95	1	1	6.288586
EV3-neg_serv	BOBJ1	9	37.6	After	Interior Girder 4	37.6	0.95	1	1	6.288586
EV3-neg_serv	BOBJ1	9	37.6	After	Interior Girder 5	37.6	0.95	1	1	5.916044
EV3-neg_serv	BOBJ1	9	37.6	After	Interior Girder 6	37.6	0.95	1	1	5.678496
EV3-neg_serv	BOBJ1	9	37.6	After	Right Exterior Girder	37.6	0.95	1	1	6.063964
EV3-neg_serv	BOBJ1	10	47.01	Before	Left Exterior Girder	47.01	0.95	1	1	3.746578
EV3-neg_serv	BOBJ1	10	47.01	Before	Interior Girder 1	47.01	0.95	1	1	3.851845
EV3-neg_serv	BOBJ1	10	47.01	Before	Interior Girder 2	47.01	0.95	1	1	3.667208
EV3-neg_serv	BOBJ1	10	47.01	Before	Interior Girder 3	47.01	0.95	1	1	3.518936
EV3-neg_serv	BOBJ1	10	47.01	Before	Interior Girder 4	47.01	0.95	1	1	3.518936
EV3-neg_serv	BOBJ1	10	47.01	Before	Interior Girder 5	47.01	0.95	1	1	3.667208
EV3-neg_serv	BOBJ1	10	47.01	Before	Interior Girder 6	47.01	0.95	1	1	3.851845
EV3-neg_serv	BOBJ1	10	47.01	Before	Right Exterior Girder	47.01	0.95	1	1	3.746578
EV3-neg_serv	BOBJ1	11	47.01	After	Left Exterior Girder	47.01	0.95	1	1	3.828258
EV3-neg_serv	BOBJ1	11	47.01	After	Interior Girder 1	47.01	0.95	1	1	3.803516
EV3-neg_serv	BOBJ1	11	47.01	After	Interior Girder 2	47.01	0.95	1	1	3.717742
EV3-neg_serv	BOBJ1	11	47.01	After	Interior Girder 3	47.01	0.95	1	1	3.613595
EV3-neg_serv	BOBJ1	11	47.01	After	Interior Girder 4	47.01	0.95	1	1	3.613595
EV3-neg_serv	BOBJ1	11	47.01	After	Interior Girder 5	47.01	0.95	1	1	3.717742
EV3-neg_serv	BOBJ1	11	47.01	After	Interior Girder 6	47.01	0.95	1	1	3.803516
EV3-neg_serv	BOBJ1	11	47.01	After	Right Exterior Girder	47.01	0.95	1	1	3.828258
EV3-neg_serv	BOBJ1	12	49.42	Before	Left Exterior Girder	49.42	0.95	1	1	2.912914
EV3-neg_serv	BOBJ1	12	49.42	Before	Right Exterior Girder	49.42	0.95	1	1	2.912914
EV3-neg_serv	BOBJ1	13	49.42	After	Left Exterior Girder	49.42	0.95	1	1	5.035694
EV3-neg_serv	BOBJ1	13	49.42	After	Right Exterior Girder	49.42	0.95	1	1	5.035694
EV3-neg_serv	BOBJ1	14	51.92	Before	Interior Girder 1	51.92	0.95	1	1	2.253156
EV3-neg_serv	BOBJ1	14	51.92	Before	Interior Girder 2	51.92	0.95	1	1	2.139698
EV3-neg_serv	BOBJ1	14	51.92	Before	Interior Girder 3	51.92	0.95	1	1	1.923237
EV3-neg_serv	BOBJ1	14	51.92	Before	Interior Girder 4	51.92	0.95	1	1	1.923237
EV3-neg_serv	BOBJ1	14	51.92	Before	Interior Girder 5	51.92	0.95	1	1	2.139698
EV3-neg_serv	BOBJ1	14	51.92	Before	Interior Girder 6	51.92	0.95	1	1	2.253156
EV3-neg_serv	BOBJ1	15	51.92	After	Interior Girder 1	51.92	0.95	1	1	2.760453
EV3-neg_serv	BOBJ1	15	51.92	After	Interior Girder 2	51.92	0.95	1	1	2.593769
EV3-neg_serv	BOBJ1	15	51.92	After	Interior Girder 3	51.92	0.95	1	1	2.365976
EV3-neg_serv	BOBJ1	15	51.92	After	Interior Girder 4	51.92	0.95	1	1	2.365976
EV3-neg_serv	BOBJ1	15	51.92	After	Interior Girder 5	51.92	0.95	1	1	2.593769
EV3-neg_serv	BOBJ1	15	51.92	After	Interior Girder 6	51.92	0.95	1	1	2.760453
EV3-neg_serv	BOBJ1	16	56.42	Before	Left Exterior Girder	56.42	0.95	1	1	2.363116
EV3-neg_serv	BOBJ1	16	56.42	Before	Interior Girder 1	56.42	0.95	1	1	1.592972
EV3-neg_serv	BOBJ1	16	56.42	Before	Interior Girder 2	56.42	0.95	1	1	1.524747
EV3-neg_serv	BOBJ1	16	56.42	Before	Interior Girder 3	56.42	0.95	1	1	1.314429
EV3-neg_serv	BOBJ1	16	56.42	Before	Interior Girder 4	56.42	0.95	1	1	1.314429
EV3-neg_serv	BOBJ1	16	56.42	Before	Interior Girder 5	56.42	0.95	1	1	1.524747
EV3-neg_serv	BOBJ1	16	56.42	Before	Interior Girder 6	56.42	0.95	1	1	1.592972
EV3-neg_serv	BOBJ1	16	56.42	Before	Right Exterior Girder	56.42	0.95	1	1	2.363116
EV3-neg_serv	BOBJ1	17	56.42	After	Left Exterior Girder	0	0.95	1	1	2.345175
EV3-neg_serv	BOBJ1	17	56.42	After	Interior Girder 1	0	0.95	1	1	1.605238
EV3-neg_serv	BOBJ1	17	56.42	After	Interior Girder 2	0	0.95	1	1	1.537272
EV3-neg_serv	BOBJ1	17	56.42	After	Interior Girder 3	0	0.95	1	1	1.315925
EV3-neg_serv	BOBJ1	17	56.42	After	Interior Girder 4	0	0.95	1	1	1.315925

TABLE: Bridge Super Rating AASHTORATE18 31 - SteelICompServ-Flx - Approach, Span 7-11										
Request	BridgeObj	BridgeCut	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	Unitless	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
EV3-neg_serv	BOBJ1	17	56.42	After	Interior Girder 5	0	0.95	1	1	1.537272
EV3-neg_serv	BOBJ1	17	56.42	After	Interior Girder 6	0	0.95	1	1	1.605238
EV3-neg_serv	BOBJ1	17	56.42	After	Right Exterior Girder	0	0.95	1	1	2.345175
EV3-neg_serv	BOBJ1	18	60.92	Before	Interior Girder 1	4.5	0.95	1	1	2.700338
EV3-neg_serv	BOBJ1	18	60.92	Before	Interior Girder 2	4.5	0.95	1	1	2.542348
EV3-neg_serv	BOBJ1	18	60.92	Before	Interior Girder 3	4.5	0.95	1	1	2.289166
EV3-neg_serv	BOBJ1	18	60.92	Before	Interior Girder 4	4.5	0.95	1	1	2.289166
EV3-neg_serv	BOBJ1	18	60.92	Before	Interior Girder 5	4.5	0.95	1	1	2.542348
EV3-neg_serv	BOBJ1	18	60.92	Before	Interior Girder 6	4.5	0.95	1	1	2.700338
EV3-neg_serv	BOBJ1	19	60.92	After	Interior Girder 1	4.5	0.95	1	1	2.197638
EV3-neg_serv	BOBJ1	19	60.92	After	Interior Girder 2	4.5	0.95	1	1	2.093003
EV3-neg_serv	BOBJ1	19	60.92	After	Interior Girder 3	4.5	0.95	1	1	1.855465
EV3-neg_serv	BOBJ1	19	60.92	After	Interior Girder 4	4.5	0.95	1	1	1.855465
EV3-neg_serv	BOBJ1	19	60.92	After	Interior Girder 5	4.5	0.95	1	1	2.093003
EV3-neg_serv	BOBJ1	19	60.92	After	Interior Girder 6	4.5	0.95	1	1	2.197638
EV3-neg_serv	BOBJ1	20	63.42	Before	Left Exterior Girder	7	0.95	1	1	5.235392
EV3-neg_serv	BOBJ1	20	63.42	Before	Right Exterior Girder	7	0.95	1	1	5.235392
EV3-neg_serv	BOBJ1	21	63.42	After	Left Exterior Girder	7	0.95	1	1	3.013274
EV3-neg_serv	BOBJ1	21	63.42	After	Right Exterior Girder	7	0.95	1	1	3.013274
EV3-neg_serv	BOBJ1	22	64.845	Before	Left Exterior Girder	8.425	0.95	1	1	3.78051
EV3-neg_serv	BOBJ1	22	64.845	Before	Interior Girder 1	8.425	0.95	1	1	3.641567
EV3-neg_serv	BOBJ1	22	64.845	Before	Interior Girder 2	8.425	0.95	1	1	3.418666
EV3-neg_serv	BOBJ1	22	64.845	Before	Interior Girder 3	8.425	0.95	1	1	3.206878
EV3-neg_serv	BOBJ1	22	64.845	Before	Interior Girder 4	8.425	0.95	1	1	3.206878
EV3-neg_serv	BOBJ1	22	64.845	Before	Interior Girder 5	8.425	0.95	1	1	3.418666
EV3-neg_serv	BOBJ1	22	64.845	Before	Interior Girder 6	8.425	0.95	1	1	3.641567
EV3-neg_serv	BOBJ1	22	64.845	Before	Right Exterior Girder	8.425	0.95	1	1	3.78051
EV3-neg_serv	BOBJ1	23	64.845	After	Left Exterior Girder	8.425	0.95	1	1	3.715015
EV3-neg_serv	BOBJ1	23	64.845	After	Interior Girder 1	8.425	0.95	1	1	3.672011
EV3-neg_serv	BOBJ1	23	64.845	After	Interior Girder 2	8.425	0.95	1	1	3.421105
EV3-neg_serv	BOBJ1	23	64.845	After	Interior Girder 3	8.425	0.95	1	1	3.165771
EV3-neg_serv	BOBJ1	23	64.845	After	Interior Girder 4	8.425	0.95	1	1	3.165771
EV3-neg_serv	BOBJ1	23	64.845	After	Interior Girder 5	8.425	0.95	1	1	3.421105
EV3-neg_serv	BOBJ1	23	64.845	After	Interior Girder 6	8.425	0.95	1	1	3.672011
EV3-neg_serv	BOBJ1	23	64.845	After	Right Exterior Girder	8.425	0.95	1	1	3.715015
EV3-neg_serv	BOBJ1	24	69.92	Before	Left Exterior Girder	13.5	0.95	1	1	5.950448
EV3-neg_serv	BOBJ1	24	69.92	Before	Interior Girder 1	13.5	0.95	1	1	5.627945
EV3-neg_serv	BOBJ1	24	69.92	Before	Interior Girder 2	13.5	0.95	1	1	5.489407
EV3-neg_serv	BOBJ1	24	69.92	Before	Interior Girder 3	13.5	0.95	1	1	5.587031
EV3-neg_serv	BOBJ1	24	69.92	Before	Interior Girder 4	13.5	0.95	1	1	5.587031
EV3-neg_serv	BOBJ1	24	69.92	Before	Interior Girder 5	13.5	0.95	1	1	5.489407
EV3-neg_serv	BOBJ1	24	69.92	Before	Interior Girder 6	13.5	0.95	1	1	5.627945
EV3-neg_serv	BOBJ1	24	69.92	Before	Right Exterior Girder	13.5	0.95	1	1	5.950448
EV3-neg_serv	BOBJ1	25	69.92	After	Left Exterior Girder	13.5	0.95	1	1	5.107407
EV3-neg_serv	BOBJ1	25	69.92	After	Interior Girder 1	13.5	0.95	1	1	5.262678
EV3-neg_serv	BOBJ1	25	69.92	After	Interior Girder 2	13.5	0.95	1	1	5.134141
EV3-neg_serv	BOBJ1	25	69.92	After	Interior Girder 3	13.5	0.95	1	1	5.187335
EV3-neg_serv	BOBJ1	25	69.92	After	Interior Girder 4	13.5	0.95	1	1	5.187335
EV3-neg_serv	BOBJ1	25	69.92	After	Interior Girder 5	13.5	0.95	1	1	5.134141
EV3-neg_serv	BOBJ1	25	69.92	After	Interior Girder 6	13.5	0.95	1	1	5.262678
EV3-neg_serv	BOBJ1	25	69.92	After	Right Exterior Girder	13.5	0.95	1	1	5.107407
EV3-neg_serv	BOBJ1	26	73.27	Before	Left Exterior Girder	16.85	0.95	1	1	6.102024
EV3-neg_serv	BOBJ1	26	73.27	Before	Interior Girder 1	16.85	0.95	1	1	5.978474
EV3-neg_serv	BOBJ1	26	73.27	Before	Interior Girder 2	16.85	0.95	1	1	6.086208
EV3-neg_serv	BOBJ1	26	73.27	Before	Interior Girder 3	16.85	0.95	1	1	6.425011
EV3-neg_serv	BOBJ1	26	73.27	Before	Interior Girder 4	16.85	0.95	1	1	6.425011
EV3-neg_serv	BOBJ1	26	73.27	Before	Interior Girder 5	16.85	0.95	1	1	6.086208
EV3-neg_serv	BOBJ1	26	73.27	Before	Interior Girder 6	16.85	0.95	1	1	5.978474
EV3-neg_serv	BOBJ1	26	73.27	Before	Right Exterior Girder	16.85	0.95	1	1	6.102024
EV3-neg_serv	BOBJ1	27	73.27	After	Left Exterior Girder	16.85	0.95	1	1	6.041906
EV3-neg_serv	BOBJ1	27	73.27	After	Interior Girder 1	16.85	0.95	1	1	6.024684
EV3-neg_serv	BOBJ1	27	73.27	After	Interior Girder 2	16.85	0.95	1	1	6.087291
EV3-neg_serv	BOBJ1	27	73.27	After	Interior Girder 3	16.85	0.95	1	1	6.406289
EV3-neg_serv	BOBJ1	27	73.27	After	Interior Girder 4	16.85	0.95	1	1	6.406289
EV3-neg_serv	BOBJ1	27	73.27	After	Interior Girder 5	16.85	0.95	1	1	6.087291
EV3-neg_serv	BOBJ1	27	73.27	After	Interior Girder 6	16.85	0.95	1	1	6.024684
EV3-neg_serv	BOBJ1	27	73.27	After	Right Exterior Girder	16.85	0.95	1	1	6.041906
EV3-neg_serv	BOBJ1	28	81.695	Before	Left Exterior Girder	25.275	0.95	1	1	8.640989
EV3-neg_serv	BOBJ1	28	81.695	Before	Interior Girder 1	25.275	0.95	1	1	8.177447
EV3-neg_serv	BOBJ1	28	81.695	Before	Interior Girder 2	25.275	0.95	1	1	8.784002
EV3-neg_serv	BOBJ1	28	81.695	Before	Interior Girder 3	25.275	0.95	1	1	9.233738
EV3-neg_serv	BOBJ1	28	81.695	Before	Interior Girder 4	25.275	0.95	1	1	9.233738
EV3-neg_serv	BOBJ1	28	81.695	Before	Interior Girder 5	25.275	0.95	1	1	8.784002

TABLE: Bridge Super Rating AASHTORATE18 31 - SteelICompServ-Flx - Approach, Span 7-11										
Request	BridgeObj	BridgeCut	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	Unitless	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
EV3-neg_serv	BOBJ1	28	81.695	Before	Interior Girder 6	25.275	0.95	1	1	8.177447
EV3-neg_serv	BOBJ1	28	81.695	Before	Right Exterior Girder	25.275	0.95	1	1	8.640989
EV3-neg_serv	BOBJ1	29	81.695	After	Left Exterior Girder	25.275	0.95	1	1	8.532139
EV3-neg_serv	BOBJ1	29	81.695	After	Interior Girder 1	25.275	0.95	1	1	8.267974
EV3-neg_serv	BOBJ1	29	81.695	After	Interior Girder 2	25.275	0.95	1	1	8.7356
EV3-neg_serv	BOBJ1	29	81.695	After	Interior Girder 3	25.275	0.95	1	1	9.192132
EV3-neg_serv	BOBJ1	29	81.695	After	Interior Girder 4	25.275	0.95	1	1	9.192132
EV3-neg_serv	BOBJ1	29	81.695	After	Interior Girder 5	25.275	0.95	1	1	8.7356
EV3-neg_serv	BOBJ1	29	81.695	After	Interior Girder 6	25.275	0.95	1	1	8.267974
EV3-neg_serv	BOBJ1	29	81.695	After	Right Exterior Girder	25.275	0.95	1	1	8.532139
EV3-neg_serv	BOBJ1	30	90.12	Before	Left Exterior Girder	33.7	0.95	1	1	9.916285
EV3-neg_serv	BOBJ1	30	90.12	Before	Interior Girder 1	33.7	0.95	1	1	10.131317
EV3-neg_serv	BOBJ1	30	90.12	Before	Interior Girder 2	33.7	0.95	1	1	11.215395
EV3-neg_serv	BOBJ1	30	90.12	Before	Interior Girder 3	33.7	0.95	1	1	11.999349
EV3-neg_serv	BOBJ1	30	90.12	Before	Interior Girder 4	33.7	0.95	1	1	11.999349
EV3-neg_serv	BOBJ1	30	90.12	Before	Interior Girder 5	33.7	0.95	1	1	11.215395
EV3-neg_serv	BOBJ1	30	90.12	Before	Interior Girder 6	33.7	0.95	1	1	10.131317
EV3-neg_serv	BOBJ1	30	90.12	Before	Right Exterior Girder	33.7	0.95	1	1	9.916285
EV3-neg_serv	BOBJ1	31	90.12	After	Left Exterior Girder	33.7	0.95	1	1	10.040956
EV3-neg_serv	BOBJ1	31	90.12	After	Interior Girder 1	33.7	0.95	1	1	10.017923
EV3-neg_serv	BOBJ1	31	90.12	After	Interior Girder 2	33.7	0.95	1	1	11.253029
EV3-neg_serv	BOBJ1	31	90.12	After	Interior Girder 3	33.7	0.95	1	1	12.100685
EV3-neg_serv	BOBJ1	31	90.12	After	Interior Girder 4	33.7	0.95	1	1	12.100685
EV3-neg_serv	BOBJ1	31	90.12	After	Interior Girder 5	33.7	0.95	1	1	11.253029
EV3-neg_serv	BOBJ1	31	90.12	After	Interior Girder 6	33.7	0.95	1	1	10.017923
EV3-neg_serv	BOBJ1	31	90.12	After	Right Exterior Girder	33.7	0.95	1	1	10.040956
EV3-neg_serv	BOBJ1	32	98.545	Before	Left Exterior Girder	42.125	0.95	1	1	7.42353
EV3-neg_serv	BOBJ1	32	98.545	Before	Interior Girder 1	42.125	0.95	1	1	7.165854
EV3-neg_serv	BOBJ1	32	98.545	Before	Interior Girder 2	42.125	0.95	1	1	7.638324
EV3-neg_serv	BOBJ1	32	98.545	Before	Interior Girder 3	42.125	0.95	1	1	8.084382
EV3-neg_serv	BOBJ1	32	98.545	Before	Interior Girder 4	42.125	0.95	1	1	8.084382
EV3-neg_serv	BOBJ1	32	98.545	Before	Interior Girder 5	42.125	0.95	1	1	7.638324
EV3-neg_serv	BOBJ1	32	98.545	Before	Interior Girder 6	42.125	0.95	1	1	7.165854
EV3-neg_serv	BOBJ1	32	98.545	Before	Right Exterior Girder	42.125	0.95	1	1	7.42353
EV3-neg_serv	BOBJ1	33	98.545	After	Left Exterior Girder	42.125	0.95	1	1	7.536043
EV3-neg_serv	BOBJ1	33	98.545	After	Interior Girder 1	42.125	0.95	1	1	7.085054
EV3-neg_serv	BOBJ1	33	98.545	After	Interior Girder 2	42.125	0.95	1	1	7.661022
EV3-neg_serv	BOBJ1	33	98.545	After	Interior Girder 3	42.125	0.95	1	1	8.130295
EV3-neg_serv	BOBJ1	33	98.545	After	Interior Girder 4	42.125	0.95	1	1	8.130295
EV3-neg_serv	BOBJ1	33	98.545	After	Interior Girder 5	42.125	0.95	1	1	7.661022
EV3-neg_serv	BOBJ1	33	98.545	After	Interior Girder 6	42.125	0.95	1	1	7.085054
EV3-neg_serv	BOBJ1	33	98.545	After	Right Exterior Girder	42.125	0.95	1	1	7.536043
EV3-neg_serv	BOBJ1	34	106.97	Before	Left Exterior Girder	50.55	0.95	1	1	5.192491
EV3-neg_serv	BOBJ1	34	106.97	Before	Interior Girder 1	50.55	0.95	1	1	5.130485
EV3-neg_serv	BOBJ1	34	106.97	Before	Interior Girder 2	50.55	0.95	1	1	5.294504
EV3-neg_serv	BOBJ1	34	106.97	Before	Interior Girder 3	50.55	0.95	1	1	5.604064
EV3-neg_serv	BOBJ1	34	106.97	Before	Interior Girder 4	50.55	0.95	1	1	5.604064
EV3-neg_serv	BOBJ1	34	106.97	Before	Interior Girder 5	50.55	0.95	1	1	5.294504
EV3-neg_serv	BOBJ1	34	106.97	Before	Interior Girder 6	50.55	0.95	1	1	5.130485
EV3-neg_serv	BOBJ1	34	106.97	Before	Right Exterior Girder	50.55	0.95	1	1	5.192491
EV3-neg_serv	BOBJ1	35	106.97	After	Left Exterior Girder	50.55	0.95	1	1	5.236717
EV3-neg_serv	BOBJ1	35	106.97	After	Interior Girder 1	50.55	0.95	1	1	5.099181
EV3-neg_serv	BOBJ1	35	106.97	After	Interior Girder 2	50.55	0.95	1	1	5.258497
EV3-neg_serv	BOBJ1	35	106.97	After	Interior Girder 3	50.55	0.95	1	1	5.605753
EV3-neg_serv	BOBJ1	35	106.97	After	Interior Girder 4	50.55	0.95	1	1	5.605753
EV3-neg_serv	BOBJ1	35	106.97	After	Interior Girder 5	50.55	0.95	1	1	5.258497
EV3-neg_serv	BOBJ1	35	106.97	After	Interior Girder 6	50.55	0.95	1	1	5.099181
EV3-neg_serv	BOBJ1	35	106.97	After	Right Exterior Girder	50.55	0.95	1	1	5.236717
EV3-neg_serv	BOBJ1	36	115.405	Before	Left Exterior Girder	58.985	0.95	1	1	2.95893
EV3-neg_serv	BOBJ1	36	115.405	Before	Interior Girder 1	58.985	0.95	1	1	3.244948
EV3-neg_serv	BOBJ1	36	115.405	Before	Interior Girder 2	58.985	0.95	1	1	3.08598
EV3-neg_serv	BOBJ1	36	115.405	Before	Interior Girder 3	58.985	0.95	1	1	2.90742
EV3-neg_serv	BOBJ1	36	115.405	Before	Interior Girder 4	58.985	0.95	1	1	2.90742
EV3-neg_serv	BOBJ1	36	115.405	Before	Interior Girder 5	58.985	0.95	1	1	3.08598
EV3-neg_serv	BOBJ1	36	115.405	Before	Interior Girder 6	58.985	0.95	1	1	3.244948
EV3-neg_serv	BOBJ1	36	115.405	Before	Right Exterior Girder	58.985	0.95	1	1	2.95893
EV3-neg_serv	BOBJ1	37	115.405	After	Left Exterior Girder	58.985	0.95	1	1	3.085411
EV3-neg_serv	BOBJ1	37	115.405	After	Interior Girder 1	58.985	0.95	1	1	3.193142
EV3-neg_serv	BOBJ1	37	115.405	After	Interior Girder 2	58.985	0.95	1	1	3.123079
EV3-neg_serv	BOBJ1	37	115.405	After	Interior Girder 3	58.985	0.95	1	1	2.985761
EV3-neg_serv	BOBJ1	37	115.405	After	Interior Girder 4	58.985	0.95	1	1	2.985761
EV3-neg_serv	BOBJ1	37	115.405	After	Interior Girder 5	58.985	0.95	1	1	3.123079
EV3-neg_serv	BOBJ1	37	115.405	After	Interior Girder 6	58.985	0.95	1	1	3.193142

TABLE: Bridge Super Rating AASHTORATE18 31 - SteelCompServ-Flx - Approach, Span 7-11										
Request	BridgeObj	BridgeCut	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	Unitless	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
EV3-neg_serv	BOBJ1	37	115.405	After	Right Exterior Girder	58.985	0.95	1	1	3.085411
EV3-neg_serv	BOBJ1	38	116.34	Before	Left Exterior Girder	59.92	0.95	1	1	2.641512
EV3-neg_serv	BOBJ1	38	116.34	Before	Right Exterior Girder	59.92	0.95	1	1	2.641512
EV3-neg_serv	BOBJ1	39	116.34	After	Left Exterior Girder	59.92	0.95	1	1	5.245689
EV3-neg_serv	BOBJ1	39	116.34	After	Right Exterior Girder	59.92	0.95	1	1	5.245689
EV3-neg_serv	BOBJ1	40	118.84	Before	Interior Girder 1	62.42	0.95	1	1	2.10987
EV3-neg_serv	BOBJ1	40	118.84	Before	Interior Girder 2	62.42	0.95	1	1	2.040333
EV3-neg_serv	BOBJ1	40	118.84	Before	Interior Girder 3	62.42	0.95	1	1	1.833394
EV3-neg_serv	BOBJ1	40	118.84	Before	Interior Girder 4	62.42	0.95	1	1	1.833394
EV3-neg_serv	BOBJ1	40	118.84	Before	Interior Girder 5	62.42	0.95	1	1	2.040333
EV3-neg_serv	BOBJ1	40	118.84	Before	Interior Girder 6	62.42	0.95	1	1	2.10987
EV3-neg_serv	BOBJ1	41	118.84	After	Interior Girder 1	62.42	0.95	1	1	2.947124
EV3-neg_serv	BOBJ1	41	118.84	After	Interior Girder 2	62.42	0.95	1	1	2.80609
EV3-neg_serv	BOBJ1	41	118.84	After	Interior Girder 3	62.42	0.95	1	1	2.567404
EV3-neg_serv	BOBJ1	41	118.84	After	Interior Girder 4	62.42	0.95	1	1	2.567404
EV3-neg_serv	BOBJ1	41	118.84	After	Interior Girder 5	62.42	0.95	1	1	2.80609
EV3-neg_serv	BOBJ1	41	118.84	After	Interior Girder 6	62.42	0.95	1	1	2.947124
EV3-neg_serv	BOBJ1	42	123.84	Before	Left Exterior Girder	67.42	0.95	1	1	2.271809
EV3-neg_serv	BOBJ1	42	123.84	Before	Interior Girder 1	67.42	0.95	1	1	1.664793
EV3-neg_serv	BOBJ1	42	123.84	Before	Interior Girder 2	67.42	0.95	1	1	1.613442
EV3-neg_serv	BOBJ1	42	123.84	Before	Interior Girder 3	67.42	0.95	1	1	1.398433
EV3-neg_serv	BOBJ1	42	123.84	Before	Interior Girder 4	67.42	0.95	1	1	1.398433
EV3-neg_serv	BOBJ1	42	123.84	Before	Interior Girder 5	67.42	0.95	1	1	1.613442
EV3-neg_serv	BOBJ1	42	123.84	Before	Interior Girder 6	67.42	0.95	1	1	1.664793
EV3-neg_serv	BOBJ1	42	123.84	Before	Right Exterior Girder	67.42	0.95	1	1	2.271809
EV3-neg_serv	BOBJ1	43	123.84	After	Left Exterior Girder	0	0.95	1	1	2.266027
EV3-neg_serv	BOBJ1	43	123.84	After	Interior Girder 1	0	0.95	1	1	1.668971
EV3-neg_serv	BOBJ1	43	123.84	After	Interior Girder 2	0	0.95	1	1	1.617101
EV3-neg_serv	BOBJ1	43	123.84	After	Interior Girder 3	0	0.95	1	1	1.398718
EV3-neg_serv	BOBJ1	43	123.84	After	Interior Girder 4	0	0.95	1	1	1.398718
EV3-neg_serv	BOBJ1	43	123.84	After	Interior Girder 5	0	0.95	1	1	1.617101
EV3-neg_serv	BOBJ1	43	123.84	After	Interior Girder 6	0	0.95	1	1	1.668971
EV3-neg_serv	BOBJ1	43	123.84	After	Right Exterior Girder	0	0.95	1	1	2.266027
EV3-neg_serv	BOBJ1	44	128.84	Before	Interior Girder 1	5	0.95	1	1	2.954719
EV3-neg_serv	BOBJ1	44	128.84	Before	Interior Girder 2	5	0.95	1	1	2.811277
EV3-neg_serv	BOBJ1	44	128.84	Before	Interior Girder 3	5	0.95	1	1	2.565112
EV3-neg_serv	BOBJ1	44	128.84	Before	Interior Girder 4	5	0.95	1	1	2.565112
EV3-neg_serv	BOBJ1	44	128.84	Before	Interior Girder 5	5	0.95	1	1	2.811277
EV3-neg_serv	BOBJ1	44	128.84	Before	Interior Girder 6	5	0.95	1	1	2.954719
EV3-neg_serv	BOBJ1	45	128.84	After	Interior Girder 1	5	0.95	1	1	2.115769
EV3-neg_serv	BOBJ1	45	128.84	After	Interior Girder 2	5	0.95	1	1	2.044865
EV3-neg_serv	BOBJ1	45	128.84	After	Interior Girder 3	5	0.95	1	1	1.831489
EV3-neg_serv	BOBJ1	45	128.84	After	Interior Girder 4	5	0.95	1	1	1.831489
EV3-neg_serv	BOBJ1	45	128.84	After	Interior Girder 5	5	0.95	1	1	2.044865
EV3-neg_serv	BOBJ1	45	128.84	After	Interior Girder 6	5	0.95	1	1	2.115769
EV3-neg_serv	BOBJ1	46	131.34	Before	Left Exterior Girder	7.5	0.95	1	1	5.30633
EV3-neg_serv	BOBJ1	46	131.34	Before	Right Exterior Girder	7.5	0.95	1	1	5.30633
EV3-neg_serv	BOBJ1	47	131.34	After	Left Exterior Girder	7.5	0.95	1	1	2.674024
EV3-neg_serv	BOBJ1	47	131.34	After	Right Exterior Girder	7.5	0.95	1	1	2.674024
EV3-neg_serv	BOBJ1	48	132.265	Before	Left Exterior Girder	8.425	0.95	1	1	3.119524
EV3-neg_serv	BOBJ1	48	132.265	Before	Interior Girder 1	8.425	0.95	1	1	3.214737
EV3-neg_serv	BOBJ1	48	132.265	Before	Interior Girder 2	8.425	0.95	1	1	3.137337
EV3-neg_serv	BOBJ1	48	132.265	Before	Interior Girder 3	8.425	0.95	1	1	2.983197
EV3-neg_serv	BOBJ1	48	132.265	Before	Interior Girder 4	8.425	0.95	1	1	2.983197
EV3-neg_serv	BOBJ1	48	132.265	Before	Interior Girder 5	8.425	0.95	1	1	3.137337
EV3-neg_serv	BOBJ1	48	132.265	Before	Interior Girder 6	8.425	0.95	1	1	3.214737
EV3-neg_serv	BOBJ1	48	132.265	Before	Right Exterior Girder	8.425	0.95	1	1	3.119524
EV3-neg_serv	BOBJ1	49	132.265	After	Left Exterior Girder	8.425	0.95	1	1	2.984712
EV3-neg_serv	BOBJ1	49	132.265	After	Interior Girder 1	8.425	0.95	1	1	3.277836
EV3-neg_serv	BOBJ1	49	132.265	After	Interior Girder 2	8.425	0.95	1	1	3.104221
EV3-neg_serv	BOBJ1	49	132.265	After	Interior Girder 3	8.425	0.95	1	1	2.90866
EV3-neg_serv	BOBJ1	49	132.265	After	Interior Girder 4	8.425	0.95	1	1	2.90866
EV3-neg_serv	BOBJ1	49	132.265	After	Interior Girder 5	8.425	0.95	1	1	3.104221
EV3-neg_serv	BOBJ1	49	132.265	After	Interior Girder 6	8.425	0.95	1	1	3.277836
EV3-neg_serv	BOBJ1	49	132.265	After	Right Exterior Girder	8.425	0.95	1	1	2.984712
EV3-neg_serv	BOBJ1	50	140.69	Before	Left Exterior Girder	16.85	0.95	1	1	5.363584
EV3-neg_serv	BOBJ1	50	140.69	Before	Interior Girder 1	16.85	0.95	1	1	5.210325
EV3-neg_serv	BOBJ1	50	140.69	Before	Interior Girder 2	16.85	0.95	1	1	5.351304
EV3-neg_serv	BOBJ1	50	140.69	Before	Interior Girder 3	16.85	0.95	1	1	5.697851
EV3-neg_serv	BOBJ1	50	140.69	Before	Interior Girder 4	16.85	0.95	1	1	5.697851
EV3-neg_serv	BOBJ1	50	140.69	Before	Interior Girder 5	16.85	0.95	1	1	5.351304
EV3-neg_serv	BOBJ1	50	140.69	Before	Interior Girder 6	16.85	0.95	1	1	5.210325
EV3-neg_serv	BOBJ1	50	140.69	Before	Right Exterior Girder	16.85	0.95	1	1	5.363584

TABLE: Bridge Super Rating AASHTORATE18 31 - SteelICompServ-Flx - Approach, Span 7-11										
Request	BridgeObj	BridgeCut	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	Unitless	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
EV3-neg_serv	BOBJ1	51	140.69	After	Left Exterior Girder	16.85	0.95	1	1	5.324516
EV3-neg_serv	BOBJ1	51	140.69	After	Interior Girder 1	16.85	0.95	1	1	5.239668
EV3-neg_serv	BOBJ1	51	140.69	After	Interior Girder 2	16.85	0.95	1	1	5.385361
EV3-neg_serv	BOBJ1	51	140.69	After	Interior Girder 3	16.85	0.95	1	1	5.696702
EV3-neg_serv	BOBJ1	51	140.69	After	Interior Girder 4	16.85	0.95	1	1	5.696702
EV3-neg_serv	BOBJ1	51	140.69	After	Interior Girder 5	16.85	0.95	1	1	5.385361
EV3-neg_serv	BOBJ1	51	140.69	After	Interior Girder 6	16.85	0.95	1	1	5.239668
EV3-neg_serv	BOBJ1	51	140.69	After	Right Exterior Girder	16.85	0.95	1	1	5.324516
EV3-neg_serv	BOBJ1	52	149.115	Before	Left Exterior Girder	25.275	0.95	1	1	7.648878
EV3-neg_serv	BOBJ1	52	149.115	Before	Interior Girder 1	25.275	0.95	1	1	7.173044
EV3-neg_serv	BOBJ1	52	149.115	Before	Interior Girder 2	25.275	0.95	1	1	7.746499
EV3-neg_serv	BOBJ1	52	149.115	Before	Interior Girder 3	25.275	0.95	1	1	8.210193
EV3-neg_serv	BOBJ1	52	149.115	Before	Interior Girder 4	25.275	0.95	1	1	8.210193
EV3-neg_serv	BOBJ1	52	149.115	Before	Interior Girder 5	25.275	0.95	1	1	7.746499
EV3-neg_serv	BOBJ1	52	149.115	Before	Interior Girder 6	25.275	0.95	1	1	7.173044
EV3-neg_serv	BOBJ1	52	149.115	Before	Right Exterior Girder	25.275	0.95	1	1	7.648878
EV3-neg_serv	BOBJ1	53	149.115	After	Left Exterior Girder	25.275	0.95	1	1	7.542423
EV3-neg_serv	BOBJ1	53	149.115	After	Interior Girder 1	25.275	0.95	1	1	7.252495
EV3-neg_serv	BOBJ1	53	149.115	After	Interior Girder 2	25.275	0.95	1	1	7.720159
EV3-neg_serv	BOBJ1	53	149.115	After	Interior Girder 3	25.275	0.95	1	1	8.167292
EV3-neg_serv	BOBJ1	53	149.115	After	Interior Girder 4	25.275	0.95	1	1	8.167292
EV3-neg_serv	BOBJ1	53	149.115	After	Interior Girder 5	25.275	0.95	1	1	7.720159
EV3-neg_serv	BOBJ1	53	149.115	After	Interior Girder 6	25.275	0.95	1	1	7.252495
EV3-neg_serv	BOBJ1	53	149.115	After	Right Exterior Girder	25.275	0.95	1	1	7.542423
EV3-neg_serv	BOBJ1	54	157.54	Before	Left Exterior Girder	33.7	0.95	1	1	9.820483
EV3-neg_serv	BOBJ1	54	157.54	Before	Interior Girder 1	33.7	0.95	1	1	9.982955
EV3-neg_serv	BOBJ1	54	157.54	Before	Interior Girder 2	33.7	0.95	1	1	11.111627
EV3-neg_serv	BOBJ1	54	157.54	Before	Interior Girder 3	33.7	0.95	1	1	11.896967
EV3-neg_serv	BOBJ1	54	157.54	Before	Interior Girder 4	33.7	0.95	1	1	11.896967
EV3-neg_serv	BOBJ1	54	157.54	Before	Interior Girder 5	33.7	0.95	1	1	11.111627
EV3-neg_serv	BOBJ1	54	157.54	Before	Interior Girder 6	33.7	0.95	1	1	9.982955
EV3-neg_serv	BOBJ1	54	157.54	Before	Right Exterior Girder	33.7	0.95	1	1	9.820483
EV3-neg_serv	BOBJ1	55	157.54	After	Left Exterior Girder	33.7	0.95	1	1	9.819245
EV3-neg_serv	BOBJ1	55	157.54	After	Interior Girder 1	33.7	0.95	1	1	9.992355
EV3-neg_serv	BOBJ1	55	157.54	After	Interior Girder 2	33.7	0.95	1	1	11.110263
EV3-neg_serv	BOBJ1	55	157.54	After	Interior Girder 3	33.7	0.95	1	1	11.893841
EV3-neg_serv	BOBJ1	55	157.54	After	Interior Girder 4	33.7	0.95	1	1	11.893841
EV3-neg_serv	BOBJ1	55	157.54	After	Interior Girder 5	33.7	0.95	1	1	11.110263
EV3-neg_serv	BOBJ1	55	157.54	After	Interior Girder 6	33.7	0.95	1	1	9.992355
EV3-neg_serv	BOBJ1	55	157.54	After	Right Exterior Girder	33.7	0.95	1	1	9.819245
EV3-neg_serv	BOBJ1	56	165.965	Before	Left Exterior Girder	42.125	0.95	1	1	7.548141
EV3-neg_serv	BOBJ1	56	165.965	Before	Interior Girder 1	42.125	0.95	1	1	7.256883
EV3-neg_serv	BOBJ1	56	165.965	Before	Interior Girder 2	42.125	0.95	1	1	7.723391
EV3-neg_serv	BOBJ1	56	165.965	Before	Interior Girder 3	42.125	0.95	1	1	8.17232
EV3-neg_serv	BOBJ1	56	165.965	Before	Interior Girder 4	42.125	0.95	1	1	8.17232
EV3-neg_serv	BOBJ1	56	165.965	Before	Interior Girder 5	42.125	0.95	1	1	7.723391
EV3-neg_serv	BOBJ1	56	165.965	Before	Interior Girder 6	42.125	0.95	1	1	7.256883
EV3-neg_serv	BOBJ1	56	165.965	Before	Right Exterior Girder	42.125	0.95	1	1	7.548141
EV3-neg_serv	BOBJ1	57	165.965	After	Left Exterior Girder	42.125	0.95	1	1	7.655037
EV3-neg_serv	BOBJ1	57	165.965	After	Interior Girder 1	42.125	0.95	1	1	7.17797
EV3-neg_serv	BOBJ1	57	165.965	After	Interior Girder 2	42.125	0.95	1	1	7.750114
EV3-neg_serv	BOBJ1	57	165.965	After	Interior Girder 3	42.125	0.95	1	1	8.215208
EV3-neg_serv	BOBJ1	57	165.965	After	Interior Girder 4	42.125	0.95	1	1	8.215208
EV3-neg_serv	BOBJ1	57	165.965	After	Interior Girder 5	42.125	0.95	1	1	7.750114
EV3-neg_serv	BOBJ1	57	165.965	After	Interior Girder 6	42.125	0.95	1	1	7.17797
EV3-neg_serv	BOBJ1	57	165.965	After	Right Exterior Girder	42.125	0.95	1	1	7.655037
EV3-neg_serv	BOBJ1	58	174.39	Before	Left Exterior Girder	50.55	0.95	1	1	5.329431
EV3-neg_serv	BOBJ1	58	174.39	Before	Interior Girder 1	50.55	0.95	1	1	5.241966
EV3-neg_serv	BOBJ1	58	174.39	Before	Interior Girder 2	50.55	0.95	1	1	5.38671
EV3-neg_serv	BOBJ1	58	174.39	Before	Interior Girder 3	50.55	0.95	1	1	5.700738
EV3-neg_serv	BOBJ1	58	174.39	Before	Interior Girder 4	50.55	0.95	1	1	5.700738
EV3-neg_serv	BOBJ1	58	174.39	Before	Interior Girder 5	50.55	0.95	1	1	5.38671
EV3-neg_serv	BOBJ1	58	174.39	Before	Interior Girder 6	50.55	0.95	1	1	5.241966
EV3-neg_serv	BOBJ1	58	174.39	Before	Right Exterior Girder	50.55	0.95	1	1	5.329431
EV3-neg_serv	BOBJ1	59	174.39	After	Left Exterior Girder	50.55	0.95	1	1	5.368972
EV3-neg_serv	BOBJ1	59	174.39	After	Interior Girder 1	50.55	0.95	1	1	5.212709
EV3-neg_serv	BOBJ1	59	174.39	After	Interior Girder 2	50.55	0.95	1	1	5.352647
EV3-neg_serv	BOBJ1	59	174.39	After	Interior Girder 3	50.55	0.95	1	1	5.702147
EV3-neg_serv	BOBJ1	59	174.39	After	Interior Girder 4	50.55	0.95	1	1	5.702147
EV3-neg_serv	BOBJ1	59	174.39	After	Interior Girder 5	50.55	0.95	1	1	5.352647
EV3-neg_serv	BOBJ1	59	174.39	After	Interior Girder 6	50.55	0.95	1	1	5.212709
EV3-neg_serv	BOBJ1	59	174.39	After	Right Exterior Girder	50.55	0.95	1	1	5.368972
EV3-neg_serv	BOBJ1	60	182.825	Before	Left Exterior Girder	58.985	0.95	1	1	2.989795

TABLE: Bridge Super Rating AASHTORATE18 31 - SteelICompServ-Flx - Approach, Span 7-11										
Request	BridgeObj	BridgeCut	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	Unitless	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
EV3-neg_serv	BOBJ1	60	182.825	Before	Interior Girder 1	58.985	0.95	1	1	3.277887
EV3-neg_serv	BOBJ1	60	182.825	Before	Interior Girder 2	58.985	0.95	1	1	3.103778
EV3-neg_serv	BOBJ1	60	182.825	Before	Interior Girder 3	58.985	0.95	1	1	2.912668
EV3-neg_serv	BOBJ1	60	182.825	Before	Interior Girder 4	58.985	0.95	1	1	2.912668
EV3-neg_serv	BOBJ1	60	182.825	Before	Interior Girder 5	58.985	0.95	1	1	3.103778
EV3-neg_serv	BOBJ1	60	182.825	Before	Interior Girder 6	58.985	0.95	1	1	3.277887
EV3-neg_serv	BOBJ1	60	182.825	Before	Right Exterior Girder	58.985	0.95	1	1	2.989795
EV3-neg_serv	BOBJ1	61	182.825	After	Left Exterior Girder	58.985	0.95	1	1	3.125021
EV3-neg_serv	BOBJ1	61	182.825	After	Interior Girder 1	58.985	0.95	1	1	3.21539
EV3-neg_serv	BOBJ1	61	182.825	After	Interior Girder 2	58.985	0.95	1	1	3.136753
EV3-neg_serv	BOBJ1	61	182.825	After	Interior Girder 3	58.985	0.95	1	1	2.987585
EV3-neg_serv	BOBJ1	61	182.825	After	Interior Girder 4	58.985	0.95	1	1	2.987585
EV3-neg_serv	BOBJ1	61	182.825	After	Interior Girder 5	58.985	0.95	1	1	3.136753
EV3-neg_serv	BOBJ1	61	182.825	After	Interior Girder 6	58.985	0.95	1	1	3.21539
EV3-neg_serv	BOBJ1	61	182.825	After	Right Exterior Girder	58.985	0.95	1	1	3.125021
EV3-neg_serv	BOBJ1	62	183.76	Before	Left Exterior Girder	59.92	0.95	1	1	2.665863
EV3-neg_serv	BOBJ1	62	183.76	Before	Right Exterior Girder	59.92	0.95	1	1	2.665863
EV3-neg_serv	BOBJ1	63	183.76	After	Left Exterior Girder	59.92	0.95	1	1	5.294163
EV3-neg_serv	BOBJ1	63	183.76	After	Right Exterior Girder	59.92	0.95	1	1	5.294163
EV3-neg_serv	BOBJ1	64	186.26	Before	Interior Girder 1	62.42	0.95	1	1	2.112598
EV3-neg_serv	BOBJ1	64	186.26	Before	Interior Girder 2	62.42	0.95	1	1	2.041475
EV3-neg_serv	BOBJ1	64	186.26	Before	Interior Girder 3	62.42	0.95	1	1	1.831889
EV3-neg_serv	BOBJ1	64	186.26	Before	Interior Girder 4	62.42	0.95	1	1	1.831889
EV3-neg_serv	BOBJ1	64	186.26	Before	Interior Girder 5	62.42	0.95	1	1	2.041475
EV3-neg_serv	BOBJ1	64	186.26	Before	Interior Girder 6	62.42	0.95	1	1	2.112598
EV3-neg_serv	BOBJ1	65	186.26	After	Interior Girder 1	62.42	0.95	1	1	2.950851
EV3-neg_serv	BOBJ1	65	186.26	After	Interior Girder 2	62.42	0.95	1	1	2.806714
EV3-neg_serv	BOBJ1	65	186.26	After	Interior Girder 3	62.42	0.95	1	1	2.56586
EV3-neg_serv	BOBJ1	65	186.26	After	Interior Girder 4	62.42	0.95	1	1	2.56586
EV3-neg_serv	BOBJ1	65	186.26	After	Interior Girder 5	62.42	0.95	1	1	2.806714
EV3-neg_serv	BOBJ1	65	186.26	After	Interior Girder 6	62.42	0.95	1	1	2.950851
EV3-neg_serv	BOBJ1	66	191.26	Before	Left Exterior Girder	67.42	0.95	1	1	2.268037
EV3-neg_serv	BOBJ1	66	191.26	Before	Interior Girder 1	67.42	0.95	1	1	1.666329
EV3-neg_serv	BOBJ1	66	191.26	Before	Interior Girder 2	67.42	0.95	1	1	1.614176
EV3-neg_serv	BOBJ1	66	191.26	Before	Interior Girder 3	67.42	0.95	1	1	1.3991
EV3-neg_serv	BOBJ1	66	191.26	Before	Interior Girder 4	67.42	0.95	1	1	1.3991
EV3-neg_serv	BOBJ1	66	191.26	Before	Interior Girder 5	67.42	0.95	1	1	1.614176
EV3-neg_serv	BOBJ1	66	191.26	Before	Interior Girder 6	67.42	0.95	1	1	1.666329
EV3-neg_serv	BOBJ1	66	191.26	Before	Right Exterior Girder	67.42	0.95	1	1	2.268037
EV3-neg_serv	BOBJ1	67	191.26	After	Left Exterior Girder	0	0.95	1	1	2.267652
EV3-neg_serv	BOBJ1	67	191.26	After	Interior Girder 1	0	0.95	1	1	1.66599
EV3-neg_serv	BOBJ1	67	191.26	After	Interior Girder 2	0	0.95	1	1	1.615394
EV3-neg_serv	BOBJ1	67	191.26	After	Interior Girder 3	0	0.95	1	1	1.397433
EV3-neg_serv	BOBJ1	67	191.26	After	Interior Girder 4	0	0.95	1	1	1.397433
EV3-neg_serv	BOBJ1	67	191.26	After	Interior Girder 5	0	0.95	1	1	1.615394
EV3-neg_serv	BOBJ1	67	191.26	After	Interior Girder 6	0	0.95	1	1	1.66599
EV3-neg_serv	BOBJ1	67	191.26	After	Right Exterior Girder	0	0.95	1	1	2.267652
EV3-neg_serv	BOBJ1	68	196.26	Before	Interior Girder 1	5	0.95	1	1	2.949294
EV3-neg_serv	BOBJ1	68	196.26	Before	Interior Girder 2	5	0.95	1	1	2.809497
EV3-neg_serv	BOBJ1	68	196.26	Before	Interior Girder 3	5	0.95	1	1	2.56572
EV3-neg_serv	BOBJ1	68	196.26	Before	Interior Girder 4	5	0.95	1	1	2.56572
EV3-neg_serv	BOBJ1	68	196.26	Before	Interior Girder 5	5	0.95	1	1	2.809497
EV3-neg_serv	BOBJ1	68	196.26	Before	Interior Girder 6	5	0.95	1	1	2.949294
EV3-neg_serv	BOBJ1	69	196.26	After	Interior Girder 1	5	0.95	1	1	2.111295
EV3-neg_serv	BOBJ1	69	196.26	After	Interior Girder 2	5	0.95	1	1	2.04262
EV3-neg_serv	BOBJ1	69	196.26	After	Interior Girder 3	5	0.95	1	1	1.83207
EV3-neg_serv	BOBJ1	69	196.26	After	Interior Girder 4	5	0.95	1	1	1.83207
EV3-neg_serv	BOBJ1	69	196.26	After	Interior Girder 5	5	0.95	1	1	2.04262
EV3-neg_serv	BOBJ1	69	196.26	After	Interior Girder 6	5	0.95	1	1	2.111295
EV3-neg_serv	BOBJ1	70	198.76	Before	Left Exterior Girder	7.5	0.95	1	1	5.255657
EV3-neg_serv	BOBJ1	70	198.76	Before	Right Exterior Girder	7.5	0.95	1	1	5.255657
EV3-neg_serv	BOBJ1	71	198.76	After	Left Exterior Girder	7.5	0.95	1	1	2.647288
EV3-neg_serv	BOBJ1	71	198.76	After	Right Exterior Girder	7.5	0.95	1	1	2.647288
EV3-neg_serv	BOBJ1	72	199.685	Before	Left Exterior Girder	8.425	0.95	1	1	3.07774
EV3-neg_serv	BOBJ1	72	199.685	Before	Interior Girder 1	8.425	0.95	1	1	3.19103
EV3-neg_serv	BOBJ1	72	199.685	Before	Interior Girder 2	8.425	0.95	1	1	3.122361
EV3-neg_serv	BOBJ1	72	199.685	Before	Interior Girder 3	8.425	0.95	1	1	2.980307
EV3-neg_serv	BOBJ1	72	199.685	Before	Interior Girder 4	8.425	0.95	1	1	2.980307
EV3-neg_serv	BOBJ1	72	199.685	Before	Interior Girder 5	8.425	0.95	1	1	3.122361
EV3-neg_serv	BOBJ1	72	199.685	Before	Interior Girder 6	8.425	0.95	1	1	3.19103
EV3-neg_serv	BOBJ1	72	199.685	Before	Right Exterior Girder	8.425	0.95	1	1	3.07774
EV3-neg_serv	BOBJ1	73	199.685	After	Left Exterior Girder	8.425	0.95	1	1	2.951182
EV3-neg_serv	BOBJ1	73	199.685	After	Interior Girder 1	8.425	0.95	1	1	3.243021

TABLE: Bridge Super Rating AASHTORATE18 31 - SteelICompServ-Flx - Approach, Span 7-11										
Request	BridgeObj	BridgeCut	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	Unitless	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
EV3-neg_serv	BOBJ1	73	199.685	After	Interior Girder 2	8.425	0.95	1	1	3.085175
EV3-neg_serv	BOBJ1	73	199.685	After	Interior Girder 3	8.425	0.95	1	1	2.902436
EV3-neg_serv	BOBJ1	73	199.685	After	Interior Girder 4	8.425	0.95	1	1	2.902436
EV3-neg_serv	BOBJ1	73	199.685	After	Interior Girder 5	8.425	0.95	1	1	3.085175
EV3-neg_serv	BOBJ1	73	199.685	After	Interior Girder 6	8.425	0.95	1	1	3.243021
EV3-neg_serv	BOBJ1	73	199.685	After	Right Exterior Girder	8.425	0.95	1	1	2.951182
EV3-neg_serv	BOBJ1	74	208.11	Before	Left Exterior Girder	16.85	0.95	1	1	5.230036
EV3-neg_serv	BOBJ1	74	208.11	Before	Interior Girder 1	16.85	0.95	1	1	5.095818
EV3-neg_serv	BOBJ1	74	208.11	Before	Interior Girder 2	16.85	0.95	1	1	5.256417
EV3-neg_serv	BOBJ1	74	208.11	Before	Interior Girder 3	16.85	0.95	1	1	5.600933
EV3-neg_serv	BOBJ1	74	208.11	Before	Interior Girder 4	16.85	0.95	1	1	5.600933
EV3-neg_serv	BOBJ1	74	208.11	Before	Interior Girder 5	16.85	0.95	1	1	5.256417
EV3-neg_serv	BOBJ1	74	208.11	Before	Interior Girder 6	16.85	0.95	1	1	5.095818
EV3-neg_serv	BOBJ1	74	208.11	Before	Right Exterior Girder	16.85	0.95	1	1	5.230036
EV3-neg_serv	BOBJ1	75	208.11	After	Left Exterior Girder	16.85	0.95	1	1	5.185913
EV3-neg_serv	BOBJ1	75	208.11	After	Interior Girder 1	16.85	0.95	1	1	5.127185
EV3-neg_serv	BOBJ1	75	208.11	After	Interior Girder 2	16.85	0.95	1	1	5.292494
EV3-neg_serv	BOBJ1	75	208.11	After	Interior Girder 3	16.85	0.95	1	1	5.59963
EV3-neg_serv	BOBJ1	75	208.11	After	Interior Girder 4	16.85	0.95	1	1	5.59963
EV3-neg_serv	BOBJ1	75	208.11	After	Interior Girder 5	16.85	0.95	1	1	5.292494
EV3-neg_serv	BOBJ1	75	208.11	After	Interior Girder 6	16.85	0.95	1	1	5.127185
EV3-neg_serv	BOBJ1	75	208.11	After	Right Exterior Girder	16.85	0.95	1	1	5.185913
EV3-neg_serv	BOBJ1	76	216.535	Before	Left Exterior Girder	25.275	0.95	1	1	7.530693
EV3-neg_serv	BOBJ1	76	216.535	Before	Interior Girder 1	25.275	0.95	1	1	7.080889
EV3-neg_serv	BOBJ1	76	216.535	Before	Interior Girder 2	25.275	0.95	1	1	7.657968
EV3-neg_serv	BOBJ1	76	216.535	Before	Interior Girder 3	25.275	0.95	1	1	8.125731
EV3-neg_serv	BOBJ1	76	216.535	Before	Interior Girder 4	25.275	0.95	1	1	8.125731
EV3-neg_serv	BOBJ1	76	216.535	Before	Interior Girder 5	25.275	0.95	1	1	7.657968
EV3-neg_serv	BOBJ1	76	216.535	Before	Interior Girder 6	25.275	0.95	1	1	7.080889
EV3-neg_serv	BOBJ1	76	216.535	Before	Right Exterior Girder	25.275	0.95	1	1	7.530693
EV3-neg_serv	BOBJ1	77	216.535	After	Left Exterior Girder	25.275	0.95	1	1	7.418008
EV3-neg_serv	BOBJ1	77	216.535	After	Interior Girder 1	25.275	0.95	1	1	7.162169
EV3-neg_serv	BOBJ1	77	216.535	After	Interior Girder 2	25.275	0.95	1	1	7.635773
EV3-neg_serv	BOBJ1	77	216.535	After	Interior Girder 3	25.275	0.95	1	1	8.080077
EV3-neg_serv	BOBJ1	77	216.535	After	Interior Girder 4	25.275	0.95	1	1	8.080077
EV3-neg_serv	BOBJ1	77	216.535	After	Interior Girder 5	25.275	0.95	1	1	7.635773
EV3-neg_serv	BOBJ1	77	216.535	After	Interior Girder 6	25.275	0.95	1	1	7.162169
EV3-neg_serv	BOBJ1	77	216.535	After	Right Exterior Girder	25.275	0.95	1	1	7.418008
EV3-neg_serv	BOBJ1	78	224.96	Before	Left Exterior Girder	33.7	0.95	1	1	10.038925
EV3-neg_serv	BOBJ1	78	224.96	Before	Interior Girder 1	33.7	0.95	1	1	10.011863
EV3-neg_serv	BOBJ1	78	224.96	Before	Interior Girder 2	33.7	0.95	1	1	11.246282
EV3-neg_serv	BOBJ1	78	224.96	Before	Interior Girder 3	33.7	0.95	1	1	12.095111
EV3-neg_serv	BOBJ1	78	224.96	Before	Interior Girder 4	33.7	0.95	1	1	12.095111
EV3-neg_serv	BOBJ1	78	224.96	Before	Interior Girder 5	33.7	0.95	1	1	11.246282
EV3-neg_serv	BOBJ1	78	224.96	Before	Interior Girder 6	33.7	0.95	1	1	10.011863
EV3-neg_serv	BOBJ1	78	224.96	Before	Right Exterior Girder	33.7	0.95	1	1	10.038925
EV3-neg_serv	BOBJ1	79	224.96	After	Left Exterior Girder	33.7	0.95	1	1	9.914442
EV3-neg_serv	BOBJ1	79	224.96	After	Interior Girder 1	33.7	0.95	1	1	10.126035
EV3-neg_serv	BOBJ1	79	224.96	After	Interior Girder 2	33.7	0.95	1	1	11.20964
EV3-neg_serv	BOBJ1	79	224.96	After	Interior Girder 3	33.7	0.95	1	1	11.993934
EV3-neg_serv	BOBJ1	79	224.96	After	Interior Girder 4	33.7	0.95	1	1	11.993934
EV3-neg_serv	BOBJ1	79	224.96	After	Interior Girder 5	33.7	0.95	1	1	11.20964
EV3-neg_serv	BOBJ1	79	224.96	After	Interior Girder 6	33.7	0.95	1	1	10.126035
EV3-neg_serv	BOBJ1	79	224.96	After	Right Exterior Girder	33.7	0.95	1	1	9.914442
EV3-neg_serv	BOBJ1	80	233.385	Before	Left Exterior Girder	42.125	0.95	1	1	8.547169
EV3-neg_serv	BOBJ1	80	233.385	Before	Interior Girder 1	42.125	0.95	1	1	8.277862
EV3-neg_serv	BOBJ1	80	233.385	Before	Interior Girder 2	42.125	0.95	1	1	8.74295
EV3-neg_serv	BOBJ1	80	233.385	Before	Interior Girder 3	42.125	0.95	1	1	9.200439
EV3-neg_serv	BOBJ1	80	233.385	Before	Interior Girder 4	42.125	0.95	1	1	9.200439
EV3-neg_serv	BOBJ1	80	233.385	Before	Interior Girder 5	42.125	0.95	1	1	8.74295
EV3-neg_serv	BOBJ1	80	233.385	Before	Interior Girder 6	42.125	0.95	1	1	8.277862
EV3-neg_serv	BOBJ1	80	233.385	Before	Right Exterior Girder	42.125	0.95	1	1	8.547169
EV3-neg_serv	BOBJ1	81	233.385	After	Left Exterior Girder	42.125	0.95	1	1	8.655891
EV3-neg_serv	BOBJ1	81	233.385	After	Interior Girder 1	42.125	0.95	1	1	8.187911
EV3-neg_serv	BOBJ1	81	233.385	After	Interior Girder 2	42.125	0.95	1	1	8.792106
EV3-neg_serv	BOBJ1	81	233.385	After	Interior Girder 3	42.125	0.95	1	1	9.242406
EV3-neg_serv	BOBJ1	81	233.385	After	Interior Girder 4	42.125	0.95	1	1	9.242406
EV3-neg_serv	BOBJ1	81	233.385	After	Interior Girder 5	42.125	0.95	1	1	8.792106
EV3-neg_serv	BOBJ1	81	233.385	After	Interior Girder 6	42.125	0.95	1	1	8.187911
EV3-neg_serv	BOBJ1	81	233.385	After	Right Exterior Girder	42.125	0.95	1	1	8.655891
EV3-neg_serv	BOBJ1	82	241.81	Before	Left Exterior Girder	50.55	0.95	1	1	6.056977
EV3-neg_serv	BOBJ1	82	241.81	Before	Interior Girder 1	50.55	0.95	1	1	6.033435
EV3-neg_serv	BOBJ1	82	241.81	Before	Interior Girder 2	50.55	0.95	1	1	6.092987

TABLE: Bridge Super Rating AASHTORATE18 31 - SteelICompServ-Flx - Approach, Span 7-11										
Request	BridgeObj	BridgeCut	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	Unitless	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
EV3-neg_serv	BOBJ1	82	241.81	Before	Interior Girder 3	50.55	0.95	1	1	6.413759
EV3-neg_serv	BOBJ1	82	241.81	Before	Interior Girder 4	50.55	0.95	1	1	6.413759
EV3-neg_serv	BOBJ1	82	241.81	Before	Interior Girder 5	50.55	0.95	1	1	6.092987
EV3-neg_serv	BOBJ1	82	241.81	Before	Interior Girder 6	50.55	0.95	1	1	6.033435
EV3-neg_serv	BOBJ1	82	241.81	Before	Right Exterior Girder	50.55	0.95	1	1	6.056977
EV3-neg_serv	BOBJ1	83	241.81	After	Left Exterior Girder	50.55	0.95	1	1	6.116921
EV3-neg_serv	BOBJ1	83	241.81	After	Interior Girder 1	50.55	0.95	1	1	5.987483
EV3-neg_serv	BOBJ1	83	241.81	After	Interior Girder 2	50.55	0.95	1	1	6.092159
EV3-neg_serv	BOBJ1	83	241.81	After	Interior Girder 3	50.55	0.95	1	1	6.432654
EV3-neg_serv	BOBJ1	83	241.81	After	Interior Girder 4	50.55	0.95	1	1	6.432654
EV3-neg_serv	BOBJ1	83	241.81	After	Interior Girder 5	50.55	0.95	1	1	6.092159
EV3-neg_serv	BOBJ1	83	241.81	After	Interior Girder 6	50.55	0.95	1	1	5.987483
EV3-neg_serv	BOBJ1	83	241.81	After	Right Exterior Girder	50.55	0.95	1	1	6.116921
EV3-neg_serv	BOBJ1	84	245.18	Before	Left Exterior Girder	53.92	0.95	1	1	5.117908
EV3-neg_serv	BOBJ1	84	245.18	Before	Interior Girder 1	53.92	0.95	1	1	5.266296
EV3-neg_serv	BOBJ1	84	245.18	Before	Interior Girder 2	53.92	0.95	1	1	5.133775
EV3-neg_serv	BOBJ1	84	245.18	Before	Interior Girder 3	53.92	0.95	1	1	5.189154
EV3-neg_serv	BOBJ1	84	245.18	Before	Interior Girder 4	53.92	0.95	1	1	5.189154
EV3-neg_serv	BOBJ1	84	245.18	Before	Interior Girder 5	53.92	0.95	1	1	5.133775
EV3-neg_serv	BOBJ1	84	245.18	Before	Interior Girder 6	53.92	0.95	1	1	5.266296
EV3-neg_serv	BOBJ1	84	245.18	Before	Right Exterior Girder	53.92	0.95	1	1	5.117908
EV3-neg_serv	BOBJ1	85	245.18	After	Left Exterior Girder	53.92	0.95	1	1	5.961461
EV3-neg_serv	BOBJ1	85	245.18	After	Interior Girder 1	53.92	0.95	1	1	5.631366
EV3-neg_serv	BOBJ1	85	245.18	After	Interior Girder 2	53.92	0.95	1	1	5.488988
EV3-neg_serv	BOBJ1	85	245.18	After	Interior Girder 3	53.92	0.95	1	1	5.589092
EV3-neg_serv	BOBJ1	85	245.18	After	Interior Girder 4	53.92	0.95	1	1	5.589092
EV3-neg_serv	BOBJ1	85	245.18	After	Interior Girder 5	53.92	0.95	1	1	5.488988
EV3-neg_serv	BOBJ1	85	245.18	After	Interior Girder 6	53.92	0.95	1	1	5.631366
EV3-neg_serv	BOBJ1	85	245.18	After	Right Exterior Girder	53.92	0.95	1	1	5.961461
EV3-neg_serv	BOBJ1	86	250.245	Before	Left Exterior Girder	58.985	0.95	1	1	3.730356
EV3-neg_serv	BOBJ1	86	250.245	Before	Interior Girder 1	58.985	0.95	1	1	3.677609
EV3-neg_serv	BOBJ1	86	250.245	Before	Interior Girder 2	58.985	0.95	1	1	3.423967
EV3-neg_serv	BOBJ1	86	250.245	Before	Interior Girder 3	58.985	0.95	1	1	3.172721
EV3-neg_serv	BOBJ1	86	250.245	Before	Interior Girder 4	58.985	0.95	1	1	3.172721
EV3-neg_serv	BOBJ1	86	250.245	Before	Interior Girder 5	58.985	0.95	1	1	3.423967
EV3-neg_serv	BOBJ1	86	250.245	Before	Interior Girder 6	58.985	0.95	1	1	3.677609
EV3-neg_serv	BOBJ1	86	250.245	Before	Right Exterior Girder	58.985	0.95	1	1	3.730356
EV3-neg_serv	BOBJ1	87	250.245	After	Left Exterior Girder	58.985	0.95	1	1	3.796099
EV3-neg_serv	BOBJ1	87	250.245	After	Interior Girder 1	58.985	0.95	1	1	3.647845
EV3-neg_serv	BOBJ1	87	250.245	After	Interior Girder 2	58.985	0.95	1	1	3.421272
EV3-neg_serv	BOBJ1	87	250.245	After	Interior Girder 3	58.985	0.95	1	1	3.213867
EV3-neg_serv	BOBJ1	87	250.245	After	Interior Girder 4	58.985	0.95	1	1	3.213867
EV3-neg_serv	BOBJ1	87	250.245	After	Interior Girder 5	58.985	0.95	1	1	3.421272
EV3-neg_serv	BOBJ1	87	250.245	After	Interior Girder 6	58.985	0.95	1	1	3.647845
EV3-neg_serv	BOBJ1	87	250.245	After	Right Exterior Girder	58.985	0.95	1	1	3.796099
EV3-neg_serv	BOBJ1	88	251.68	Before	Left Exterior Girder	60.42	0.95	1	1	3.023463
EV3-neg_serv	BOBJ1	88	251.68	Before	Right Exterior Girder	60.42	0.95	1	1	3.023463
EV3-neg_serv	BOBJ1	89	251.68	After	Left Exterior Girder	60.42	0.95	1	1	5.247602
EV3-neg_serv	BOBJ1	89	251.68	After	Right Exterior Girder	60.42	0.95	1	1	5.247602
EV3-neg_serv	BOBJ1	90	254.18	Before	Interior Girder 1	62.92	0.95	1	1	2.198521
EV3-neg_serv	BOBJ1	90	254.18	Before	Interior Girder 2	62.92	0.95	1	1	2.091862
EV3-neg_serv	BOBJ1	90	254.18	Before	Interior Girder 3	62.92	0.95	1	1	1.857546
EV3-neg_serv	BOBJ1	90	254.18	Before	Interior Girder 4	62.92	0.95	1	1	1.857546
EV3-neg_serv	BOBJ1	90	254.18	Before	Interior Girder 5	62.92	0.95	1	1	2.091862
EV3-neg_serv	BOBJ1	90	254.18	Before	Interior Girder 6	62.92	0.95	1	1	2.198521
EV3-neg_serv	BOBJ1	91	254.18	After	Interior Girder 1	62.92	0.95	1	1	2.700839
EV3-neg_serv	BOBJ1	91	254.18	After	Interior Girder 2	62.92	0.95	1	1	2.540455
EV3-neg_serv	BOBJ1	91	254.18	After	Interior Girder 3	62.92	0.95	1	1	2.291495
EV3-neg_serv	BOBJ1	91	254.18	After	Interior Girder 4	62.92	0.95	1	1	2.291495
EV3-neg_serv	BOBJ1	91	254.18	After	Interior Girder 5	62.92	0.95	1	1	2.540455
EV3-neg_serv	BOBJ1	91	254.18	After	Interior Girder 6	62.92	0.95	1	1	2.700839
EV3-neg_serv	BOBJ1	92	258.68	Before	Left Exterior Girder	67.42	0.95	1	1	2.352708
EV3-neg_serv	BOBJ1	92	258.68	Before	Interior Girder 1	67.42	0.95	1	1	1.60571
EV3-neg_serv	BOBJ1	92	258.68	Before	Interior Girder 2	67.42	0.95	1	1	1.536098
EV3-neg_serv	BOBJ1	92	258.68	Before	Interior Girder 3	67.42	0.95	1	1	1.317438
EV3-neg_serv	BOBJ1	92	258.68	Before	Interior Girder 4	67.42	0.95	1	1	1.317438
EV3-neg_serv	BOBJ1	92	258.68	Before	Interior Girder 5	67.42	0.95	1	1	1.536098
EV3-neg_serv	BOBJ1	92	258.68	Before	Interior Girder 6	67.42	0.95	1	1	1.60571
EV3-neg_serv	BOBJ1	92	258.68	Before	Right Exterior Girder	67.42	0.95	1	1	2.352708
EV3-neg_serv	BOBJ1	93	258.68	After	Left Exterior Girder	0	0.95	1	1	2.36479
EV3-neg_serv	BOBJ1	93	258.68	After	Interior Girder 1	0	0.95	1	1	1.596956
EV3-neg_serv	BOBJ1	93	258.68	After	Interior Girder 2	0	0.95	1	1	1.528069
EV3-neg_serv	BOBJ1	93	258.68	After	Interior Girder 3	0	0.95	1	1	1.314488

TABLE: Bridge Super Rating AASHTORATE18 31 - SteelICompServ-Flx - Approach, Span 7-11										
Request	BridgeObj	BridgeCut	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	Unitless	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
EV3-neg_serv	BOBJ1	93	258.68	After	Interior Girder 4	0	0.95	1	1	1.314488
EV3-neg_serv	BOBJ1	93	258.68	After	Interior Girder 5	0	0.95	1	1	1.528069
EV3-neg_serv	BOBJ1	93	258.68	After	Interior Girder 6	0	0.95	1	1	1.596956
EV3-neg_serv	BOBJ1	93	258.68	After	Right Exterior Girder	0	0.95	1	1	2.36479
EV3-neg_serv	BOBJ1	94	263.18	Before	Interior Girder 1	4.5	0.95	1	1	2.764409
EV3-neg_serv	BOBJ1	94	263.18	Before	Interior Girder 2	4.5	0.95	1	1	2.597682
EV3-neg_serv	BOBJ1	94	263.18	Before	Interior Girder 3	4.5	0.95	1	1	2.364957
EV3-neg_serv	BOBJ1	94	263.18	Before	Interior Girder 4	4.5	0.95	1	1	2.364957
EV3-neg_serv	BOBJ1	94	263.18	Before	Interior Girder 5	4.5	0.95	1	1	2.597682
EV3-neg_serv	BOBJ1	94	263.18	Before	Interior Girder 6	4.5	0.95	1	1	2.764409
EV3-neg_serv	BOBJ1	95	263.18	After	Interior Girder 1	4.5	0.95	1	1	2.256922
EV3-neg_serv	BOBJ1	95	263.18	After	Interior Girder 2	4.5	0.95	1	1	2.142855
EV3-neg_serv	BOBJ1	95	263.18	After	Interior Girder 3	4.5	0.95	1	1	1.922894
EV3-neg_serv	BOBJ1	95	263.18	After	Interior Girder 4	4.5	0.95	1	1	1.922894
EV3-neg_serv	BOBJ1	95	263.18	After	Interior Girder 5	4.5	0.95	1	1	2.142855
EV3-neg_serv	BOBJ1	95	263.18	After	Interior Girder 6	4.5	0.95	1	1	2.256922
EV3-neg_serv	BOBJ1	96	265.68	Before	Left Exterior Girder	7	0.95	1	1	5.04614
EV3-neg_serv	BOBJ1	96	265.68	Before	Right Exterior Girder	7	0.95	1	1	5.04614
EV3-neg_serv	BOBJ1	97	265.68	After	Left Exterior Girder	7	0.95	1	1	2.922089
EV3-neg_serv	BOBJ1	97	265.68	After	Right Exterior Girder	7	0.95	1	1	2.922089
EV3-neg_serv	BOBJ1	98	268.08	Before	Left Exterior Girder	9.4	0.95	1	1	3.828413
EV3-neg_serv	BOBJ1	98	268.08	Before	Interior Girder 1	9.4	0.95	1	1	3.802746
EV3-neg_serv	BOBJ1	98	268.08	Before	Interior Girder 2	9.4	0.95	1	1	3.717338
EV3-neg_serv	BOBJ1	98	268.08	Before	Interior Girder 3	9.4	0.95	1	1	3.608845
EV3-neg_serv	BOBJ1	98	268.08	Before	Interior Girder 4	9.4	0.95	1	1	3.608845
EV3-neg_serv	BOBJ1	98	268.08	Before	Interior Girder 5	9.4	0.95	1	1	3.717338
EV3-neg_serv	BOBJ1	98	268.08	Before	Interior Girder 6	9.4	0.95	1	1	3.802746
EV3-neg_serv	BOBJ1	98	268.08	Before	Right Exterior Girder	9.4	0.95	1	1	3.828413
EV3-neg_serv	BOBJ1	99	268.08	After	Left Exterior Girder	9.4	0.95	1	1	3.746656
EV3-neg_serv	BOBJ1	99	268.08	After	Interior Girder 1	9.4	0.95	1	1	3.850918
EV3-neg_serv	BOBJ1	99	268.08	After	Interior Girder 2	9.4	0.95	1	1	3.66633
EV3-neg_serv	BOBJ1	99	268.08	After	Interior Girder 3	9.4	0.95	1	1	3.51398
EV3-neg_serv	BOBJ1	99	268.08	After	Interior Girder 4	9.4	0.95	1	1	3.51398
EV3-neg_serv	BOBJ1	99	268.08	After	Interior Girder 5	9.4	0.95	1	1	3.66633
EV3-neg_serv	BOBJ1	99	268.08	After	Interior Girder 6	9.4	0.95	1	1	3.850918
EV3-neg_serv	BOBJ1	99	268.08	After	Right Exterior Girder	9.4	0.95	1	1	3.746656
EV3-neg_serv	BOBJ1	100	277.48	Before	Left Exterior Girder	18.8	0.95	1	1	6.057026
EV3-neg_serv	BOBJ1	100	277.48	Before	Interior Girder 1	18.8	0.95	1	1	5.667138
EV3-neg_serv	BOBJ1	100	277.48	Before	Interior Girder 2	18.8	0.95	1	1	5.907514
EV3-neg_serv	BOBJ1	100	277.48	Before	Interior Girder 3	18.8	0.95	1	1	6.279993
EV3-neg_serv	BOBJ1	100	277.48	Before	Interior Girder 4	18.8	0.95	1	1	6.279993
EV3-neg_serv	BOBJ1	100	277.48	Before	Interior Girder 5	18.8	0.95	1	1	5.907514
EV3-neg_serv	BOBJ1	100	277.48	Before	Interior Girder 6	18.8	0.95	1	1	5.667138
EV3-neg_serv	BOBJ1	100	277.48	Before	Right Exterior Girder	18.8	0.95	1	1	6.057026
EV3-neg_serv	BOBJ1	101	277.48	After	Left Exterior Girder	18.8	0.95	1	1	5.98101
EV3-neg_serv	BOBJ1	101	277.48	After	Interior Girder 1	18.8	0.95	1	1	5.727193
EV3-neg_serv	BOBJ1	101	277.48	After	Interior Girder 2	18.8	0.95	1	1	5.941531
EV3-neg_serv	BOBJ1	101	277.48	After	Interior Girder 3	18.8	0.95	1	1	6.2728
EV3-neg_serv	BOBJ1	101	277.48	After	Interior Girder 4	18.8	0.95	1	1	6.2728
EV3-neg_serv	BOBJ1	101	277.48	After	Interior Girder 5	18.8	0.95	1	1	5.941531
EV3-neg_serv	BOBJ1	101	277.48	After	Interior Girder 6	18.8	0.95	1	1	5.727193
EV3-neg_serv	BOBJ1	101	277.48	After	Right Exterior Girder	18.8	0.95	1	1	5.98101
EV3-neg_serv	BOBJ1	102	286.88	Before	Left Exterior Girder	28.2	0.95	1	1	8.999491
EV3-neg_serv	BOBJ1	102	286.88	Before	Interior Girder 1	28.2	0.95	1	1	8.231813
EV3-neg_serv	BOBJ1	102	286.88	Before	Interior Girder 2	28.2	0.95	1	1	8.973502
EV3-neg_serv	BOBJ1	102	286.88	Before	Interior Girder 3	28.2	0.95	1	1	9.439495
EV3-neg_serv	BOBJ1	102	286.88	Before	Interior Girder 4	28.2	0.95	1	1	9.439495
EV3-neg_serv	BOBJ1	102	286.88	Before	Interior Girder 5	28.2	0.95	1	1	8.973502
EV3-neg_serv	BOBJ1	102	286.88	Before	Interior Girder 6	28.2	0.95	1	1	8.231813
EV3-neg_serv	BOBJ1	102	286.88	Before	Right Exterior Girder	28.2	0.95	1	1	8.999491
EV3-neg_serv	BOBJ1	103	286.88	After	Left Exterior Girder	28.2	0.95	1	1	8.809916
EV3-neg_serv	BOBJ1	103	286.88	After	Interior Girder 1	28.2	0.95	1	1	8.367234
EV3-neg_serv	BOBJ1	103	286.88	After	Interior Girder 2	28.2	0.95	1	1	8.916459
EV3-neg_serv	BOBJ1	103	286.88	After	Interior Girder 3	28.2	0.95	1	1	9.33115
EV3-neg_serv	BOBJ1	103	286.88	After	Interior Girder 4	28.2	0.95	1	1	9.33115
EV3-neg_serv	BOBJ1	103	286.88	After	Interior Girder 5	28.2	0.95	1	1	8.916459
EV3-neg_serv	BOBJ1	103	286.88	After	Interior Girder 6	28.2	0.95	1	1	8.367234
EV3-neg_serv	BOBJ1	103	286.88	After	Right Exterior Girder	28.2	0.95	1	1	8.809916
EV3-neg_serv	BOBJ1	104	296.28	Before	Left Exterior Girder	37.6	0.95	1	1	12.921068
EV3-neg_serv	BOBJ1	104	296.28	Before	Interior Girder 1	37.6	0.95	1	1	12.629124
EV3-neg_serv	BOBJ1	104	296.28	Before	Interior Girder 2	37.6	0.95	1	1	14.309634
EV3-neg_serv	BOBJ1	104	296.28	Before	Interior Girder 3	37.6	0.95	1	1	15.096199
EV3-neg_serv	BOBJ1	104	296.28	Before	Interior Girder 4	37.6	0.95	1	1	15.096199

TABLE: Bridge Super Rating AASHTORATE18 31 - SteelICompServ-Flx - Approach, Span 7-11										
Request	BridgeObj	BridgeCut	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	Unitless	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
EV3-neg_serv	BOBJ1	104	296.28	Before	Interior Girder 5	37.6	0.95	1	1	14.309634
EV3-neg_serv	BOBJ1	104	296.28	Before	Interior Girder 6	37.6	0.95	1	1	12.629124
EV3-neg_serv	BOBJ1	104	296.28	Before	Right Exterior Girder	37.6	0.95	1	1	12.921068
EV3-neg_serv	BOBJ1	105	296.28	After	Left Exterior Girder	37.6	0.95	1	1	12.847276
EV3-neg_serv	BOBJ1	105	296.28	After	Interior Girder 1	37.6	0.95	1	1	12.900783
EV3-neg_serv	BOBJ1	105	296.28	After	Interior Girder 2	37.6	0.95	1	1	14.230458
EV3-neg_serv	BOBJ1	105	296.28	After	Interior Girder 3	37.6	0.95	1	1	14.807225
EV3-neg_serv	BOBJ1	105	296.28	After	Interior Girder 4	37.6	0.95	1	1	14.807225
EV3-neg_serv	BOBJ1	105	296.28	After	Interior Girder 5	37.6	0.95	1	1	14.230458
EV3-neg_serv	BOBJ1	105	296.28	After	Interior Girder 6	37.6	0.95	1	1	12.900783
EV3-neg_serv	BOBJ1	105	296.28	After	Right Exterior Girder	37.6	0.95	1	1	12.847276
EV3-neg_serv	BOBJ1	106	305.69	Before	Left Exterior Girder	47.01	0.95	1	1	23.959168
EV3-neg_serv	BOBJ1	106	305.69	Before	Interior Girder 1	47.01	0.95	1	1	23.625722
EV3-neg_serv	BOBJ1	106	305.69	Before	Interior Girder 2	47.01	0.95	1	1	27.452646
EV3-neg_serv	BOBJ1	106	305.69	Before	Interior Girder 3	47.01	0.95	1	1	28.924076
EV3-neg_serv	BOBJ1	106	305.69	Before	Interior Girder 4	47.01	0.95	1	1	28.924076
EV3-neg_serv	BOBJ1	106	305.69	Before	Interior Girder 5	47.01	0.95	1	1	27.452646
EV3-neg_serv	BOBJ1	106	305.69	Before	Interior Girder 6	47.01	0.95	1	1	23.625722
EV3-neg_serv	BOBJ1	106	305.69	Before	Right Exterior Girder	47.01	0.95	1	1	23.959168
EV3-neg_serv	BOBJ1	107	305.69	After	Left Exterior Girder	47.01	0.95	1	1	24.242236
EV3-neg_serv	BOBJ1	107	305.69	After	Interior Girder 1	47.01	0.95	1	1	24.590556
EV3-neg_serv	BOBJ1	107	305.69	After	Interior Girder 2	47.01	0.95	1	1	27.079492
EV3-neg_serv	BOBJ1	107	305.69	After	Interior Girder 3	47.01	0.95	1	1	27.713319
EV3-neg_serv	BOBJ1	107	305.69	After	Interior Girder 4	47.01	0.95	1	1	27.713319
EV3-neg_serv	BOBJ1	107	305.69	After	Interior Girder 5	47.01	0.95	1	1	27.079492
EV3-neg_serv	BOBJ1	107	305.69	After	Interior Girder 6	47.01	0.95	1	1	24.590556
EV3-neg_serv	BOBJ1	107	305.69	After	Right Exterior Girder	47.01	0.95	1	1	24.242236
EV3-neg_serv	BOBJ1	108	315.1	Before	Left Exterior Girder	56.42	0.95	1	1	262.369073
EV3-neg_serv	BOBJ1	108	315.1	Before	Interior Girder 1	56.42	0.95	1	1	338.238668
EV3-neg_serv	BOBJ1	108	315.1	Before	Interior Girder 2	56.42	0.95	1	1	169.693205
EV3-neg_serv	BOBJ1	108	315.1	Before	Interior Girder 3	56.42	0.95	1	1	127.629487
EV3-neg_serv	BOBJ1	108	315.1	Before	Interior Girder 4	56.42	0.95	1	1	127.629486
EV3-neg_serv	BOBJ1	108	315.1	Before	Interior Girder 5	56.42	0.95	1	1	169.693205
EV3-neg_serv	BOBJ1	108	315.1	Before	Interior Girder 6	56.42	0.95	1	1	338.238669
EV3-neg_serv	BOBJ1	108	315.1	Before	Right Exterior Girder	56.42	0.95	1	1	262.369074
Gravel Truck_serv	BOBJ1	1	0	After	Left Exterior Girder	0	0.95	1	1	264.875099
Gravel Truck_serv	BOBJ1	1	0	After	Interior Girder 1	0	0.95	1	1	326.167954
Gravel Truck_serv	BOBJ1	1	0	After	Interior Girder 2	0	0.95	1	1	182.195399
Gravel Truck_serv	BOBJ1	1	0	After	Interior Girder 3	0	0.95	1	1	127.016465
Gravel Truck_serv	BOBJ1	1	0	After	Interior Girder 4	0	0.95	1	1	127.016464
Gravel Truck_serv	BOBJ1	1	0	After	Interior Girder 5	0	0.95	1	1	182.195398
Gravel Truck_serv	BOBJ1	1	0	After	Interior Girder 6	0	0.95	1	1	326.167958
Gravel Truck_serv	BOBJ1	1	0	After	Right Exterior Girder	0	0.95	1	1	264.875099
Gravel Truck_serv	BOBJ1	2	9.4	Before	Left Exterior Girder	9.4	0.95	1	1	5.019495
Gravel Truck_serv	BOBJ1	2	9.4	Before	Interior Girder 1	9.4	0.95	1	1	3.654547
Gravel Truck_serv	BOBJ1	2	9.4	Before	Interior Girder 2	9.4	0.95	1	1	3.402755
Gravel Truck_serv	BOBJ1	2	9.4	Before	Interior Girder 3	9.4	0.95	1	1	3.182836
Gravel Truck_serv	BOBJ1	2	9.4	Before	Interior Girder 4	9.4	0.95	1	1	3.182836
Gravel Truck_serv	BOBJ1	2	9.4	Before	Interior Girder 5	9.4	0.95	1	1	3.402755
Gravel Truck_serv	BOBJ1	2	9.4	Before	Interior Girder 6	9.4	0.95	1	1	3.654547
Gravel Truck_serv	BOBJ1	2	9.4	Before	Right Exterior Girder	9.4	0.95	1	1	5.019495
Gravel Truck_serv	BOBJ1	3	9.4	After	Left Exterior Girder	9.4	0.95	1	1	5.03452
Gravel Truck_serv	BOBJ1	3	9.4	After	Interior Girder 1	9.4	0.95	1	1	3.64823
Gravel Truck_serv	BOBJ1	3	9.4	After	Interior Girder 2	9.4	0.95	1	1	3.463293
Gravel Truck_serv	BOBJ1	3	9.4	After	Interior Girder 3	9.4	0.95	1	1	3.280612
Gravel Truck_serv	BOBJ1	3	9.4	After	Interior Girder 4	9.4	0.95	1	1	3.280612
Gravel Truck_serv	BOBJ1	3	9.4	After	Interior Girder 5	9.4	0.95	1	1	3.463293
Gravel Truck_serv	BOBJ1	3	9.4	After	Interior Girder 6	9.4	0.95	1	1	3.64823
Gravel Truck_serv	BOBJ1	3	9.4	After	Right Exterior Girder	9.4	0.95	1	1	5.03452
Gravel Truck_serv	BOBJ1	4	18.8	Before	Left Exterior Girder	18.8	0.95	1	1	2.806586
Gravel Truck_serv	BOBJ1	4	18.8	Before	Interior Girder 1	18.8	0.95	1	1	2.608267
Gravel Truck_serv	BOBJ1	4	18.8	Before	Interior Girder 2	18.8	0.95	1	1	2.458357
Gravel Truck_serv	BOBJ1	4	18.8	Before	Interior Girder 3	18.8	0.95	1	1	2.430489
Gravel Truck_serv	BOBJ1	4	18.8	Before	Interior Girder 4	18.8	0.95	1	1	2.430489
Gravel Truck_serv	BOBJ1	4	18.8	Before	Interior Girder 5	18.8	0.95	1	1	2.458357
Gravel Truck_serv	BOBJ1	4	18.8	Before	Interior Girder 6	18.8	0.95	1	1	2.608267
Gravel Truck_serv	BOBJ1	4	18.8	Before	Right Exterior Girder	18.8	0.95	1	1	2.806586
Gravel Truck_serv	BOBJ1	5	18.8	After	Left Exterior Girder	18.8	0.95	1	1	2.837987
Gravel Truck_serv	BOBJ1	5	18.8	After	Interior Girder 1	18.8	0.95	1	1	2.584649
Gravel Truck_serv	BOBJ1	5	18.8	After	Interior Girder 2	18.8	0.95	1	1	2.462745
Gravel Truck_serv	BOBJ1	5	18.8	After	Interior Girder 3	18.8	0.95	1	1	2.447587
Gravel Truck_serv	BOBJ1	5	18.8	After	Interior Girder 4	18.8	0.95	1	1	2.447587
Gravel Truck_serv	BOBJ1	5	18.8	After	Interior Girder 5	18.8	0.95	1	1	2.462745

TABLE: Bridge Super Rating AASHTORATE18 31 - SteelICompServ-Flx - Approach, Span 7-11										
Request	BridgeObj	BridgeCut	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	Unitless	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Gravel Truck_serv	BOBJ1	5	18.8	After	Interior Girder 6	18.8	0.95	1	1	2.584649
Gravel Truck_serv	BOBJ1	5	18.8	After	Right Exterior Girder	18.8	0.95	1	1	2.837987
Gravel Truck_serv	BOBJ1	6	28.2	Before	Left Exterior Girder	28.2	0.95	1	1	3.084411
Gravel Truck_serv	BOBJ1	6	28.2	Before	Interior Girder 1	28.2	0.95	1	1	2.451063
Gravel Truck_serv	BOBJ1	6	28.2	Before	Interior Girder 2	28.2	0.95	1	1	2.36444
Gravel Truck_serv	BOBJ1	6	28.2	Before	Interior Girder 3	28.2	0.95	1	1	2.292177
Gravel Truck_serv	BOBJ1	6	28.2	Before	Interior Girder 4	28.2	0.95	1	1	2.292177
Gravel Truck_serv	BOBJ1	6	28.2	Before	Interior Girder 5	28.2	0.95	1	1	2.36444
Gravel Truck_serv	BOBJ1	6	28.2	Before	Interior Girder 6	28.2	0.95	1	1	2.451063
Gravel Truck_serv	BOBJ1	6	28.2	Before	Right Exterior Girder	28.2	0.95	1	1	3.084411
Gravel Truck_serv	BOBJ1	7	28.2	After	Left Exterior Girder	28.2	0.95	1	1	3.073025
Gravel Truck_serv	BOBJ1	7	28.2	After	Interior Girder 1	28.2	0.95	1	1	2.456762
Gravel Truck_serv	BOBJ1	7	28.2	After	Interior Girder 2	28.2	0.95	1	1	2.359384
Gravel Truck_serv	BOBJ1	7	28.2	After	Interior Girder 3	28.2	0.95	1	1	2.281415
Gravel Truck_serv	BOBJ1	7	28.2	After	Interior Girder 4	28.2	0.95	1	1	2.281415
Gravel Truck_serv	BOBJ1	7	28.2	After	Interior Girder 5	28.2	0.95	1	1	2.359384
Gravel Truck_serv	BOBJ1	7	28.2	After	Interior Girder 6	28.2	0.95	1	1	2.456762
Gravel Truck_serv	BOBJ1	7	28.2	After	Right Exterior Girder	28.2	0.95	1	1	3.073025
Gravel Truck_serv	BOBJ1	8	37.6	Before	Left Exterior Girder	37.6	0.95	1	1	4.300358
Gravel Truck_serv	BOBJ1	8	37.6	Before	Interior Girder 1	37.6	0.95	1	1	3.678989
Gravel Truck_serv	BOBJ1	8	37.6	Before	Interior Girder 2	37.6	0.95	1	1	3.440175
Gravel Truck_serv	BOBJ1	8	37.6	Before	Interior Girder 3	37.6	0.95	1	1	3.395328
Gravel Truck_serv	BOBJ1	8	37.6	Before	Interior Girder 4	37.6	0.95	1	1	3.395328
Gravel Truck_serv	BOBJ1	8	37.6	Before	Interior Girder 5	37.6	0.95	1	1	3.440175
Gravel Truck_serv	BOBJ1	8	37.6	Before	Interior Girder 6	37.6	0.95	1	1	3.678989
Gravel Truck_serv	BOBJ1	8	37.6	Before	Right Exterior Girder	37.6	0.95	1	1	4.300358
Gravel Truck_serv	BOBJ1	9	37.6	After	Left Exterior Girder	37.6	0.95	1	1	4.219061
Gravel Truck_serv	BOBJ1	9	37.6	After	Interior Girder 1	37.6	0.95	1	1	3.735721
Gravel Truck_serv	BOBJ1	9	37.6	After	Interior Girder 2	37.6	0.95	1	1	3.433377
Gravel Truck_serv	BOBJ1	9	37.6	After	Interior Girder 3	37.6	0.95	1	1	3.353531
Gravel Truck_serv	BOBJ1	9	37.6	After	Interior Girder 4	37.6	0.95	1	1	3.353531
Gravel Truck_serv	BOBJ1	9	37.6	After	Interior Girder 5	37.6	0.95	1	1	3.433377
Gravel Truck_serv	BOBJ1	9	37.6	After	Interior Girder 6	37.6	0.95	1	1	3.735721
Gravel Truck_serv	BOBJ1	9	37.6	After	Right Exterior Girder	37.6	0.95	1	1	4.219061
Gravel Truck_serv	BOBJ1	10	47.01	Before	Left Exterior Girder	47.01	0.95	1	1	3.896244
Gravel Truck_serv	BOBJ1	10	47.01	Before	Interior Girder 1	47.01	0.95	1	1	4.018662
Gravel Truck_serv	BOBJ1	10	47.01	Before	Interior Girder 2	47.01	0.95	1	1	3.964255
Gravel Truck_serv	BOBJ1	10	47.01	Before	Interior Girder 3	47.01	0.95	1	1	3.890341
Gravel Truck_serv	BOBJ1	10	47.01	Before	Interior Girder 4	47.01	0.95	1	1	3.890341
Gravel Truck_serv	BOBJ1	10	47.01	Before	Interior Girder 5	47.01	0.95	1	1	3.964255
Gravel Truck_serv	BOBJ1	10	47.01	Before	Interior Girder 6	47.01	0.95	1	1	4.018662
Gravel Truck_serv	BOBJ1	10	47.01	Before	Right Exterior Girder	47.01	0.95	1	1	3.896244
Gravel Truck_serv	BOBJ1	11	47.01	After	Left Exterior Girder	47.01	0.95	1	1	3.970315
Gravel Truck_serv	BOBJ1	11	47.01	After	Interior Girder 1	47.01	0.95	1	1	3.957685
Gravel Truck_serv	BOBJ1	11	47.01	After	Interior Girder 2	47.01	0.95	1	1	3.920354
Gravel Truck_serv	BOBJ1	11	47.01	After	Interior Girder 3	47.01	0.95	1	1	3.874783
Gravel Truck_serv	BOBJ1	11	47.01	After	Interior Girder 4	47.01	0.95	1	1	3.874783
Gravel Truck_serv	BOBJ1	11	47.01	After	Interior Girder 5	47.01	0.95	1	1	3.920354
Gravel Truck_serv	BOBJ1	11	47.01	After	Interior Girder 6	47.01	0.95	1	1	3.957685
Gravel Truck_serv	BOBJ1	11	47.01	After	Right Exterior Girder	47.01	0.95	1	1	3.970315
Gravel Truck_serv	BOBJ1	12	49.42	Before	Left Exterior Girder	49.42	0.95	1	1	3.389539
Gravel Truck_serv	BOBJ1	12	49.42	Before	Right Exterior Girder	49.42	0.95	1	1	3.389539
Gravel Truck_serv	BOBJ1	13	49.42	After	Left Exterior Girder	49.42	0.95	1	1	5.859538
Gravel Truck_serv	BOBJ1	13	49.42	After	Right Exterior Girder	49.42	0.95	1	1	5.859538
Gravel Truck_serv	BOBJ1	14	51.92	Before	Interior Girder 1	51.92	0.95	1	1	3.1195
Gravel Truck_serv	BOBJ1	14	51.92	Before	Interior Girder 2	51.92	0.95	1	1	3.072619
Gravel Truck_serv	BOBJ1	14	51.92	Before	Interior Girder 3	51.92	0.95	1	1	2.898875
Gravel Truck_serv	BOBJ1	14	51.92	Before	Interior Girder 4	51.92	0.95	1	1	2.898875
Gravel Truck_serv	BOBJ1	14	51.92	Before	Interior Girder 5	51.92	0.95	1	1	3.072619
Gravel Truck_serv	BOBJ1	14	51.92	Before	Interior Girder 6	51.92	0.95	1	1	3.1195
Gravel Truck_serv	BOBJ1	15	51.92	After	Interior Girder 1	51.92	0.95	1	1	3.829724
Gravel Truck_serv	BOBJ1	15	51.92	After	Interior Girder 2	51.92	0.95	1	1	3.692268
Gravel Truck_serv	BOBJ1	15	51.92	After	Interior Girder 3	51.92	0.95	1	1	3.508653
Gravel Truck_serv	BOBJ1	15	51.92	After	Interior Girder 4	51.92	0.95	1	1	3.508653
Gravel Truck_serv	BOBJ1	15	51.92	After	Interior Girder 5	51.92	0.95	1	1	3.692268
Gravel Truck_serv	BOBJ1	15	51.92	After	Interior Girder 6	51.92	0.95	1	1	3.829724
Gravel Truck_serv	BOBJ1	16	56.42	Before	Left Exterior Girder	56.42	0.95	1	1	4.150388
Gravel Truck_serv	BOBJ1	16	56.42	Before	Interior Girder 1	56.42	0.95	1	1	2.960476
Gravel Truck_serv	BOBJ1	16	56.42	Before	Interior Girder 2	56.42	0.95	1	1	2.749595
Gravel Truck_serv	BOBJ1	16	56.42	Before	Interior Girder 3	56.42	0.95	1	1	2.285266
Gravel Truck_serv	BOBJ1	16	56.42	Before	Interior Girder 4	56.42	0.95	1	1	2.285266
Gravel Truck_serv	BOBJ1	16	56.42	Before	Interior Girder 5	56.42	0.95	1	1	2.749595
Gravel Truck_serv	BOBJ1	16	56.42	Before	Interior Girder 6	56.42	0.95	1	1	2.960476

TABLE: Bridge Super Rating AASHTORATE18 31 - SteelICompServ-Flx - Approach, Span 7-11										
Request	BridgeObj	BridgeCut	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	Unitless	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Gravel Truck_serv	BOBJ1	16	56.42	Before	Right Exterior Girder	56.42	0.95	1	1	4.150388
Gravel Truck_serv	BOBJ1	17	56.42	After	Left Exterior Girder	0	0.95	1	1	4.060548
Gravel Truck_serv	BOBJ1	17	56.42	After	Interior Girder 1	0	0.95	1	1	2.807637
Gravel Truck_serv	BOBJ1	17	56.42	After	Interior Girder 2	0	0.95	1	1	2.663904
Gravel Truck_serv	BOBJ1	17	56.42	After	Interior Girder 3	0	0.95	1	1	2.254252
Gravel Truck_serv	BOBJ1	17	56.42	After	Interior Girder 4	0	0.95	1	1	2.254252
Gravel Truck_serv	BOBJ1	17	56.42	After	Interior Girder 5	0	0.95	1	1	2.663904
Gravel Truck_serv	BOBJ1	17	56.42	After	Interior Girder 6	0	0.95	1	1	2.807637
Gravel Truck_serv	BOBJ1	17	56.42	After	Right Exterior Girder	0	0.95	1	1	4.060548
Gravel Truck_serv	BOBJ1	18	60.92	Before	Interior Girder 1	4.5	0.95	1	1	4.403332
Gravel Truck_serv	BOBJ1	18	60.92	Before	Interior Girder 2	4.5	0.95	1	1	4.115356
Gravel Truck_serv	BOBJ1	18	60.92	Before	Interior Girder 3	4.5	0.95	1	1	3.770339
Gravel Truck_serv	BOBJ1	18	60.92	Before	Interior Girder 4	4.5	0.95	1	1	3.770339
Gravel Truck_serv	BOBJ1	18	60.92	Before	Interior Girder 5	4.5	0.95	1	1	4.115356
Gravel Truck_serv	BOBJ1	18	60.92	Before	Interior Girder 6	4.5	0.95	1	1	4.403332
Gravel Truck_serv	BOBJ1	19	60.92	After	Interior Girder 1	4.5	0.95	1	1	3.606496
Gravel Truck_serv	BOBJ1	19	60.92	After	Interior Girder 2	4.5	0.95	1	1	3.434925
Gravel Truck_serv	BOBJ1	19	60.92	After	Interior Girder 3	4.5	0.95	1	1	3.126729
Gravel Truck_serv	BOBJ1	19	60.92	After	Interior Girder 4	4.5	0.95	1	1	3.126729
Gravel Truck_serv	BOBJ1	19	60.92	After	Interior Girder 5	4.5	0.95	1	1	3.434925
Gravel Truck_serv	BOBJ1	19	60.92	After	Interior Girder 6	4.5	0.95	1	1	3.606496
Gravel Truck_serv	BOBJ1	20	63.42	Before	Left Exterior Girder	7	0.95	1	1	7.094306
Gravel Truck_serv	BOBJ1	20	63.42	Before	Right Exterior Girder	7	0.95	1	1	7.094306
Gravel Truck_serv	BOBJ1	21	63.42	After	Left Exterior Girder	7	0.95	1	1	4.083213
Gravel Truck_serv	BOBJ1	21	63.42	After	Right Exterior Girder	7	0.95	1	1	4.083213
Gravel Truck_serv	BOBJ1	22	64.845	Before	Left Exterior Girder	8.425	0.95	1	1	4.467681
Gravel Truck_serv	BOBJ1	22	64.845	Before	Interior Girder 1	8.425	0.95	1	1	4.39719
Gravel Truck_serv	BOBJ1	22	64.845	Before	Interior Girder 2	8.425	0.95	1	1	4.190538
Gravel Truck_serv	BOBJ1	22	64.845	Before	Interior Girder 3	8.425	0.95	1	1	4.056385
Gravel Truck_serv	BOBJ1	22	64.845	Before	Interior Girder 4	8.425	0.95	1	1	4.056385
Gravel Truck_serv	BOBJ1	22	64.845	Before	Interior Girder 5	8.425	0.95	1	1	4.190538
Gravel Truck_serv	BOBJ1	22	64.845	Before	Interior Girder 6	8.425	0.95	1	1	4.39719
Gravel Truck_serv	BOBJ1	22	64.845	Before	Right Exterior Girder	8.425	0.95	1	1	4.467681
Gravel Truck_serv	BOBJ1	23	64.845	After	Left Exterior Girder	8.425	0.95	1	1	4.429074
Gravel Truck_serv	BOBJ1	23	64.845	After	Interior Girder 1	8.425	0.95	1	1	4.443355
Gravel Truck_serv	BOBJ1	23	64.845	After	Interior Girder 2	8.425	0.95	1	1	4.233218
Gravel Truck_serv	BOBJ1	23	64.845	After	Interior Girder 3	8.425	0.95	1	1	4.084927
Gravel Truck_serv	BOBJ1	23	64.845	After	Interior Girder 4	8.425	0.95	1	1	4.084927
Gravel Truck_serv	BOBJ1	23	64.845	After	Interior Girder 5	8.425	0.95	1	1	4.233218
Gravel Truck_serv	BOBJ1	23	64.845	After	Interior Girder 6	8.425	0.95	1	1	4.443355
Gravel Truck_serv	BOBJ1	23	64.845	After	Right Exterior Girder	8.425	0.95	1	1	4.429074
Gravel Truck_serv	BOBJ1	24	69.92	Before	Left Exterior Girder	13.5	0.95	1	1	5.844716
Gravel Truck_serv	BOBJ1	24	69.92	Before	Interior Girder 1	13.5	0.95	1	1	5.505626
Gravel Truck_serv	BOBJ1	24	69.92	Before	Interior Girder 2	13.5	0.95	1	1	5.361967
Gravel Truck_serv	BOBJ1	24	69.92	Before	Interior Girder 3	13.5	0.95	1	1	5.241809
Gravel Truck_serv	BOBJ1	24	69.92	Before	Interior Girder 4	13.5	0.95	1	1	5.241809
Gravel Truck_serv	BOBJ1	24	69.92	Before	Interior Girder 5	13.5	0.95	1	1	5.361967
Gravel Truck_serv	BOBJ1	24	69.92	Before	Interior Girder 6	13.5	0.95	1	1	5.505626
Gravel Truck_serv	BOBJ1	24	69.92	Before	Right Exterior Girder	13.5	0.95	1	1	5.844716
Gravel Truck_serv	BOBJ1	25	69.92	After	Left Exterior Girder	13.5	0.95	1	1	5.022357
Gravel Truck_serv	BOBJ1	25	69.92	After	Interior Girder 1	13.5	0.95	1	1	5.144797
Gravel Truck_serv	BOBJ1	25	69.92	After	Interior Girder 2	13.5	0.95	1	1	5.068538
Gravel Truck_serv	BOBJ1	25	69.92	After	Interior Girder 3	13.5	0.95	1	1	5.037502
Gravel Truck_serv	BOBJ1	25	69.92	After	Interior Girder 4	13.5	0.95	1	1	5.037502
Gravel Truck_serv	BOBJ1	25	69.92	After	Interior Girder 5	13.5	0.95	1	1	5.068538
Gravel Truck_serv	BOBJ1	25	69.92	After	Interior Girder 6	13.5	0.95	1	1	5.144797
Gravel Truck_serv	BOBJ1	25	69.92	After	Right Exterior Girder	13.5	0.95	1	1	5.022357
Gravel Truck_serv	BOBJ1	26	73.27	Before	Left Exterior Girder	16.85	0.95	1	1	5.179522
Gravel Truck_serv	BOBJ1	26	73.27	Before	Interior Girder 1	16.85	0.95	1	1	4.439956
Gravel Truck_serv	BOBJ1	26	73.27	Before	Interior Girder 2	16.85	0.95	1	1	4.05533
Gravel Truck_serv	BOBJ1	26	73.27	Before	Interior Girder 3	16.85	0.95	1	1	3.976213
Gravel Truck_serv	BOBJ1	26	73.27	Before	Interior Girder 4	16.85	0.95	1	1	3.976213
Gravel Truck_serv	BOBJ1	26	73.27	Before	Interior Girder 5	16.85	0.95	1	1	4.05533
Gravel Truck_serv	BOBJ1	26	73.27	Before	Interior Girder 6	16.85	0.95	1	1	4.439956
Gravel Truck_serv	BOBJ1	26	73.27	Before	Right Exterior Girder	16.85	0.95	1	1	5.179522
Gravel Truck_serv	BOBJ1	27	73.27	After	Left Exterior Girder	16.85	0.95	1	1	5.295117
Gravel Truck_serv	BOBJ1	27	73.27	After	Interior Girder 1	16.85	0.95	1	1	4.367913
Gravel Truck_serv	BOBJ1	27	73.27	After	Interior Girder 2	16.85	0.95	1	1	4.033446
Gravel Truck_serv	BOBJ1	27	73.27	After	Interior Girder 3	16.85	0.95	1	1	3.991038
Gravel Truck_serv	BOBJ1	27	73.27	After	Interior Girder 4	16.85	0.95	1	1	3.991038
Gravel Truck_serv	BOBJ1	27	73.27	After	Interior Girder 5	16.85	0.95	1	1	4.033446
Gravel Truck_serv	BOBJ1	27	73.27	After	Interior Girder 6	16.85	0.95	1	1	4.367913
Gravel Truck_serv	BOBJ1	27	73.27	After	Right Exterior Girder	16.85	0.95	1	1	5.295117

TABLE: Bridge Super Rating AASHTORATE18 31 - SteelICompServ-Flx - Approach, Span 7-11										
Request	BridgeObj	BridgeCut	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	Unitless	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Gravel Truck_serv	BOBJ1	28	81.695	Before	Left Exterior Girder	25.275	0.95	1	1	3.259552
Gravel Truck_serv	BOBJ1	28	81.695	Before	Interior Girder 1	25.275	0.95	1	1	2.703005
Gravel Truck_serv	BOBJ1	28	81.695	Before	Interior Girder 2	25.275	0.95	1	1	2.59831
Gravel Truck_serv	BOBJ1	28	81.695	Before	Interior Girder 3	25.275	0.95	1	1	2.524188
Gravel Truck_serv	BOBJ1	28	81.695	Before	Interior Girder 4	25.275	0.95	1	1	2.524188
Gravel Truck_serv	BOBJ1	28	81.695	Before	Interior Girder 5	25.275	0.95	1	1	2.59831
Gravel Truck_serv	BOBJ1	28	81.695	Before	Interior Girder 6	25.275	0.95	1	1	2.703005
Gravel Truck_serv	BOBJ1	28	81.695	Before	Right Exterior Girder	25.275	0.95	1	1	3.259552
Gravel Truck_serv	BOBJ1	29	81.695	After	Left Exterior Girder	25.275	0.95	1	1	3.304295
Gravel Truck_serv	BOBJ1	29	81.695	After	Interior Girder 1	25.275	0.95	1	1	2.680861
Gravel Truck_serv	BOBJ1	29	81.695	After	Interior Girder 2	25.275	0.95	1	1	2.596218
Gravel Truck_serv	BOBJ1	29	81.695	After	Interior Girder 3	25.275	0.95	1	1	2.545347
Gravel Truck_serv	BOBJ1	29	81.695	After	Interior Girder 4	25.275	0.95	1	1	2.545347
Gravel Truck_serv	BOBJ1	29	81.695	After	Interior Girder 5	25.275	0.95	1	1	2.596218
Gravel Truck_serv	BOBJ1	29	81.695	After	Interior Girder 6	25.275	0.95	1	1	2.680861
Gravel Truck_serv	BOBJ1	29	81.695	After	Right Exterior Girder	25.275	0.95	1	1	3.304295
Gravel Truck_serv	BOBJ1	30	90.12	Before	Left Exterior Girder	33.7	0.95	1	1	2.636362
Gravel Truck_serv	BOBJ1	30	90.12	Before	Interior Girder 1	33.7	0.95	1	1	2.55171
Gravel Truck_serv	BOBJ1	30	90.12	Before	Interior Girder 2	33.7	0.95	1	1	2.474148
Gravel Truck_serv	BOBJ1	30	90.12	Before	Interior Girder 3	33.7	0.95	1	1	2.486389
Gravel Truck_serv	BOBJ1	30	90.12	Before	Interior Girder 4	33.7	0.95	1	1	2.486389
Gravel Truck_serv	BOBJ1	30	90.12	Before	Interior Girder 5	33.7	0.95	1	1	2.474148
Gravel Truck_serv	BOBJ1	30	90.12	Before	Interior Girder 6	33.7	0.95	1	1	2.55171
Gravel Truck_serv	BOBJ1	30	90.12	Before	Right Exterior Girder	33.7	0.95	1	1	2.636362
Gravel Truck_serv	BOBJ1	31	90.12	After	Left Exterior Girder	33.7	0.95	1	1	2.638822
Gravel Truck_serv	BOBJ1	31	90.12	After	Interior Girder 1	33.7	0.95	1	1	2.551595
Gravel Truck_serv	BOBJ1	31	90.12	After	Interior Girder 2	33.7	0.95	1	1	2.471738
Gravel Truck_serv	BOBJ1	31	90.12	After	Interior Girder 3	33.7	0.95	1	1	2.485474
Gravel Truck_serv	BOBJ1	31	90.12	After	Interior Girder 4	33.7	0.95	1	1	2.485474
Gravel Truck_serv	BOBJ1	31	90.12	After	Interior Girder 5	33.7	0.95	1	1	2.471738
Gravel Truck_serv	BOBJ1	31	90.12	After	Interior Girder 6	33.7	0.95	1	1	2.551595
Gravel Truck_serv	BOBJ1	31	90.12	After	Right Exterior Girder	33.7	0.95	1	1	2.638822
Gravel Truck_serv	BOBJ1	32	98.545	Before	Left Exterior Girder	42.125	0.95	1	1	3.217813
Gravel Truck_serv	BOBJ1	32	98.545	Before	Interior Girder 1	42.125	0.95	1	1	2.648618
Gravel Truck_serv	BOBJ1	32	98.545	Before	Interior Girder 2	42.125	0.95	1	1	2.575073
Gravel Truck_serv	BOBJ1	32	98.545	Before	Interior Girder 3	42.125	0.95	1	1	2.529026
Gravel Truck_serv	BOBJ1	32	98.545	Before	Interior Girder 4	42.125	0.95	1	1	2.529026
Gravel Truck_serv	BOBJ1	32	98.545	Before	Interior Girder 5	42.125	0.95	1	1	2.575073
Gravel Truck_serv	BOBJ1	32	98.545	Before	Interior Girder 6	42.125	0.95	1	1	2.648618
Gravel Truck_serv	BOBJ1	32	98.545	Before	Right Exterior Girder	42.125	0.95	1	1	3.217813
Gravel Truck_serv	BOBJ1	33	98.545	After	Left Exterior Girder	42.125	0.95	1	1	3.182033
Gravel Truck_serv	BOBJ1	33	98.545	After	Interior Girder 1	42.125	0.95	1	1	2.668107
Gravel Truck_serv	BOBJ1	33	98.545	After	Interior Girder 2	42.125	0.95	1	1	2.57583
Gravel Truck_serv	BOBJ1	33	98.545	After	Interior Girder 3	42.125	0.95	1	1	2.5089
Gravel Truck_serv	BOBJ1	33	98.545	After	Interior Girder 4	42.125	0.95	1	1	2.5089
Gravel Truck_serv	BOBJ1	33	98.545	After	Interior Girder 5	42.125	0.95	1	1	2.57583
Gravel Truck_serv	BOBJ1	33	98.545	After	Interior Girder 6	42.125	0.95	1	1	2.668107
Gravel Truck_serv	BOBJ1	33	98.545	After	Right Exterior Girder	42.125	0.95	1	1	3.182033
Gravel Truck_serv	BOBJ1	34	106.97	Before	Left Exterior Girder	50.55	0.95	1	1	4.991666
Gravel Truck_serv	BOBJ1	34	106.97	Before	Interior Girder 1	50.55	0.95	1	1	4.215881
Gravel Truck_serv	BOBJ1	34	106.97	Before	Interior Girder 2	50.55	0.95	1	1	3.937142
Gravel Truck_serv	BOBJ1	34	106.97	Before	Interior Girder 3	50.55	0.95	1	1	3.895441
Gravel Truck_serv	BOBJ1	34	106.97	Before	Interior Girder 4	50.55	0.95	1	1	3.895441
Gravel Truck_serv	BOBJ1	34	106.97	Before	Interior Girder 5	50.55	0.95	1	1	3.937142
Gravel Truck_serv	BOBJ1	34	106.97	Before	Interior Girder 6	50.55	0.95	1	1	4.215881
Gravel Truck_serv	BOBJ1	34	106.97	Before	Right Exterior Girder	50.55	0.95	1	1	4.991666
Gravel Truck_serv	BOBJ1	35	106.97	After	Left Exterior Girder	50.55	0.95	1	1	4.87696
Gravel Truck_serv	BOBJ1	35	106.97	After	Interior Girder 1	50.55	0.95	1	1	4.281025
Gravel Truck_serv	BOBJ1	35	106.97	After	Interior Girder 2	50.55	0.95	1	1	3.934911
Gravel Truck_serv	BOBJ1	35	106.97	After	Interior Girder 3	50.55	0.95	1	1	3.836382
Gravel Truck_serv	BOBJ1	35	106.97	After	Interior Girder 4	50.55	0.95	1	1	3.836382
Gravel Truck_serv	BOBJ1	35	106.97	After	Interior Girder 5	50.55	0.95	1	1	3.934911
Gravel Truck_serv	BOBJ1	35	106.97	After	Interior Girder 6	50.55	0.95	1	1	4.281025
Gravel Truck_serv	BOBJ1	35	106.97	After	Right Exterior Girder	50.55	0.95	1	1	4.87696
Gravel Truck_serv	BOBJ1	36	115.405	Before	Left Exterior Girder	58.985	0.95	1	1	3.355743
Gravel Truck_serv	BOBJ1	36	115.405	Before	Interior Girder 1	58.985	0.95	1	1	3.678712
Gravel Truck_serv	BOBJ1	36	115.405	Before	Interior Girder 2	58.985	0.95	1	1	3.636566
Gravel Truck_serv	BOBJ1	36	115.405	Before	Interior Girder 3	58.985	0.95	1	1	3.545843
Gravel Truck_serv	BOBJ1	36	115.405	Before	Interior Girder 4	58.985	0.95	1	1	3.545843
Gravel Truck_serv	BOBJ1	36	115.405	Before	Interior Girder 5	58.985	0.95	1	1	3.636566
Gravel Truck_serv	BOBJ1	36	115.405	Before	Interior Girder 6	58.985	0.95	1	1	3.678712
Gravel Truck_serv	BOBJ1	36	115.405	Before	Right Exterior Girder	58.985	0.95	1	1	3.355743
Gravel Truck_serv	BOBJ1	37	115.405	After	Left Exterior Girder	58.985	0.95	1	1	3.429377

TABLE: Bridge Super Rating AASHTORATE18 31 - SteelICompServ-Flx - Approach, Span 7-11										
Request	BridgeObj	BridgeCut	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	Unitless	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Gravel Truck_serv	BOBJ1	37	115.405	After	Interior Girder 1	58.985	0.95	1	1	3.615496
Gravel Truck_serv	BOBJ1	37	115.405	After	Interior Girder 2	58.985	0.95	1	1	3.602597
Gravel Truck_serv	BOBJ1	37	115.405	After	Interior Girder 3	58.985	0.95	1	1	3.534697
Gravel Truck_serv	BOBJ1	37	115.405	After	Interior Girder 4	58.985	0.95	1	1	3.534697
Gravel Truck_serv	BOBJ1	37	115.405	After	Interior Girder 5	58.985	0.95	1	1	3.602597
Gravel Truck_serv	BOBJ1	37	115.405	After	Interior Girder 6	58.985	0.95	1	1	3.615496
Gravel Truck_serv	BOBJ1	37	115.405	After	Right Exterior Girder	58.985	0.95	1	1	3.429377
Gravel Truck_serv	BOBJ1	38	116.34	Before	Left Exterior Girder	59.92	0.95	1	1	3.182181
Gravel Truck_serv	BOBJ1	38	116.34	Before	Right Exterior Girder	59.92	0.95	1	1	3.182181
Gravel Truck_serv	BOBJ1	39	116.34	After	Left Exterior Girder	59.92	0.95	1	1	6.319326
Gravel Truck_serv	BOBJ1	39	116.34	After	Right Exterior Girder	59.92	0.95	1	1	6.319326
Gravel Truck_serv	BOBJ1	40	118.84	Before	Interior Girder 1	62.42	0.95	1	1	3.054347
Gravel Truck_serv	BOBJ1	40	118.84	Before	Interior Girder 2	62.42	0.95	1	1	3.020657
Gravel Truck_serv	BOBJ1	40	118.84	Before	Interior Girder 3	62.42	0.95	1	1	2.851983
Gravel Truck_serv	BOBJ1	40	118.84	Before	Interior Girder 4	62.42	0.95	1	1	2.851983
Gravel Truck_serv	BOBJ1	40	118.84	Before	Interior Girder 5	62.42	0.95	1	1	3.020657
Gravel Truck_serv	BOBJ1	40	118.84	Before	Interior Girder 6	62.42	0.95	1	1	3.054347
Gravel Truck_serv	BOBJ1	41	118.84	After	Interior Girder 1	62.42	0.95	1	1	4.270208
Gravel Truck_serv	BOBJ1	41	118.84	After	Interior Girder 2	62.42	0.95	1	1	4.126248
Gravel Truck_serv	BOBJ1	41	118.84	After	Interior Girder 3	62.42	0.95	1	1	3.94465
Gravel Truck_serv	BOBJ1	41	118.84	After	Interior Girder 4	62.42	0.95	1	1	3.94465
Gravel Truck_serv	BOBJ1	41	118.84	After	Interior Girder 5	62.42	0.95	1	1	4.126248
Gravel Truck_serv	BOBJ1	41	118.84	After	Interior Girder 6	62.42	0.95	1	1	4.270208
Gravel Truck_serv	BOBJ1	42	123.84	Before	Left Exterior Girder	67.42	0.95	1	1	4.202847
Gravel Truck_serv	BOBJ1	42	123.84	Before	Interior Girder 1	67.42	0.95	1	1	3.12686
Gravel Truck_serv	BOBJ1	42	123.84	Before	Interior Girder 2	67.42	0.95	1	1	2.937805
Gravel Truck_serv	BOBJ1	42	123.84	Before	Interior Girder 3	67.42	0.95	1	1	2.459237
Gravel Truck_serv	BOBJ1	42	123.84	Before	Interior Girder 4	67.42	0.95	1	1	2.459237
Gravel Truck_serv	BOBJ1	42	123.84	Before	Interior Girder 5	67.42	0.95	1	1	2.937805
Gravel Truck_serv	BOBJ1	42	123.84	Before	Interior Girder 6	67.42	0.95	1	1	3.12686
Gravel Truck_serv	BOBJ1	42	123.84	Before	Right Exterior Girder	67.42	0.95	1	1	4.202847
Gravel Truck_serv	BOBJ1	43	123.84	After	Left Exterior Girder	0	0.95	1	1	4.165587
Gravel Truck_serv	BOBJ1	43	123.84	After	Interior Girder 1	0	0.95	1	1	3.079049
Gravel Truck_serv	BOBJ1	43	123.84	After	Interior Girder 2	0	0.95	1	1	2.923736
Gravel Truck_serv	BOBJ1	43	123.84	After	Interior Girder 3	0	0.95	1	1	2.452165
Gravel Truck_serv	BOBJ1	43	123.84	After	Interior Girder 4	0	0.95	1	1	2.452165
Gravel Truck_serv	BOBJ1	43	123.84	After	Interior Girder 5	0	0.95	1	1	2.923736
Gravel Truck_serv	BOBJ1	43	123.84	After	Interior Girder 6	0	0.95	1	1	3.079049
Gravel Truck_serv	BOBJ1	43	123.84	After	Right Exterior Girder	0	0.95	1	1	4.165587
Gravel Truck_serv	BOBJ1	44	128.84	Before	Interior Girder 1	5	0.95	1	1	4.362906
Gravel Truck_serv	BOBJ1	44	128.84	Before	Interior Girder 2	5	0.95	1	1	4.199254
Gravel Truck_serv	BOBJ1	44	128.84	Before	Interior Girder 3	5	0.95	1	1	3.995016
Gravel Truck_serv	BOBJ1	44	128.84	Before	Interior Girder 4	5	0.95	1	1	3.995016
Gravel Truck_serv	BOBJ1	44	128.84	Before	Interior Girder 5	5	0.95	1	1	4.199254
Gravel Truck_serv	BOBJ1	44	128.84	Before	Interior Girder 6	5	0.95	1	1	4.362906
Gravel Truck_serv	BOBJ1	45	128.84	After	Interior Girder 1	5	0.95	1	1	3.126228
Gravel Truck_serv	BOBJ1	45	128.84	After	Interior Girder 2	5	0.95	1	1	3.075877
Gravel Truck_serv	BOBJ1	45	128.84	After	Interior Girder 3	5	0.95	1	1	2.898768
Gravel Truck_serv	BOBJ1	45	128.84	After	Interior Girder 4	5	0.95	1	1	2.898768
Gravel Truck_serv	BOBJ1	45	128.84	After	Interior Girder 5	5	0.95	1	1	3.075877
Gravel Truck_serv	BOBJ1	45	128.84	After	Interior Girder 6	5	0.95	1	1	3.126228
Gravel Truck_serv	BOBJ1	46	131.34	Before	Left Exterior Girder	7.5	0.95	1	1	6.49932
Gravel Truck_serv	BOBJ1	46	131.34	Before	Right Exterior Girder	7.5	0.95	1	1	6.49932
Gravel Truck_serv	BOBJ1	47	131.34	After	Left Exterior Girder	7.5	0.95	1	1	3.27524
Gravel Truck_serv	BOBJ1	47	131.34	After	Right Exterior Girder	7.5	0.95	1	1	3.27524
Gravel Truck_serv	BOBJ1	48	132.265	Before	Left Exterior Girder	8.425	0.95	1	1	3.513538
Gravel Truck_serv	BOBJ1	48	132.265	Before	Interior Girder 1	8.425	0.95	1	1	3.697591
Gravel Truck_serv	BOBJ1	48	132.265	Before	Interior Girder 2	8.425	0.95	1	1	3.667037
Gravel Truck_serv	BOBJ1	48	132.265	Before	Interior Girder 3	8.425	0.95	1	1	3.593023
Gravel Truck_serv	BOBJ1	48	132.265	Before	Interior Girder 4	8.425	0.95	1	1	3.593023
Gravel Truck_serv	BOBJ1	48	132.265	Before	Interior Girder 5	8.425	0.95	1	1	3.667037
Gravel Truck_serv	BOBJ1	48	132.265	Before	Interior Girder 6	8.425	0.95	1	1	3.697591
Gravel Truck_serv	BOBJ1	48	132.265	Before	Right Exterior Girder	8.425	0.95	1	1	3.513538
Gravel Truck_serv	BOBJ1	49	132.265	After	Left Exterior Girder	8.425	0.95	1	1	3.438238
Gravel Truck_serv	BOBJ1	49	132.265	After	Interior Girder 1	8.425	0.95	1	1	3.761638
Gravel Truck_serv	BOBJ1	49	132.265	After	Interior Girder 2	8.425	0.95	1	1	3.701975
Gravel Truck_serv	BOBJ1	49	132.265	After	Interior Girder 3	8.425	0.95	1	1	3.605755
Gravel Truck_serv	BOBJ1	49	132.265	After	Interior Girder 4	8.425	0.95	1	1	3.605755
Gravel Truck_serv	BOBJ1	49	132.265	After	Interior Girder 5	8.425	0.95	1	1	3.701975
Gravel Truck_serv	BOBJ1	49	132.265	After	Interior Girder 6	8.425	0.95	1	1	3.761638
Gravel Truck_serv	BOBJ1	49	132.265	After	Right Exterior Girder	8.425	0.95	1	1	3.438238
Gravel Truck_serv	BOBJ1	50	140.69	Before	Left Exterior Girder	16.85	0.95	1	1	4.919088
Gravel Truck_serv	BOBJ1	50	140.69	Before	Interior Girder 1	16.85	0.95	1	1	4.292038

TABLE: Bridge Super Rating AASHTORATE18 31 - SteelICompServ-Flx - Approach, Span 7-11										
Request	BridgeObj	BridgeCut	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	Unitless	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Gravel Truck_serv	BOBJ1	50	140.69	Before	Interior Girder 2	16.85	0.95	1	1	3.945499
Gravel Truck_serv	BOBJ1	50	140.69	Before	Interior Girder 3	16.85	0.95	1	1	3.85056
Gravel Truck_serv	BOBJ1	50	140.69	Before	Interior Girder 4	16.85	0.95	1	1	3.85056
Gravel Truck_serv	BOBJ1	50	140.69	Before	Interior Girder 5	16.85	0.95	1	1	3.945499
Gravel Truck_serv	BOBJ1	50	140.69	Before	Interior Girder 6	16.85	0.95	1	1	4.292038
Gravel Truck_serv	BOBJ1	50	140.69	Before	Right Exterior Girder	16.85	0.95	1	1	4.919088
Gravel Truck_serv	BOBJ1	51	140.69	After	Left Exterior Girder	16.85	0.95	1	1	5.038211
Gravel Truck_serv	BOBJ1	51	140.69	After	Interior Girder 1	16.85	0.95	1	1	4.227237
Gravel Truck_serv	BOBJ1	51	140.69	After	Interior Girder 2	16.85	0.95	1	1	3.946992
Gravel Truck_serv	BOBJ1	51	140.69	After	Interior Girder 3	16.85	0.95	1	1	3.909043
Gravel Truck_serv	BOBJ1	51	140.69	After	Interior Girder 4	16.85	0.95	1	1	3.909043
Gravel Truck_serv	BOBJ1	51	140.69	After	Interior Girder 5	16.85	0.95	1	1	3.946992
Gravel Truck_serv	BOBJ1	51	140.69	After	Interior Girder 6	16.85	0.95	1	1	4.227237
Gravel Truck_serv	BOBJ1	51	140.69	After	Right Exterior Girder	16.85	0.95	1	1	5.038211
Gravel Truck_serv	BOBJ1	52	149.115	Before	Left Exterior Girder	25.275	0.95	1	1	3.168492
Gravel Truck_serv	BOBJ1	52	149.115	Before	Interior Girder 1	25.275	0.95	1	1	2.653964
Gravel Truck_serv	BOBJ1	52	149.115	Before	Interior Girder 2	25.275	0.95	1	1	2.567803
Gravel Truck_serv	BOBJ1	52	149.115	Before	Interior Girder 3	25.275	0.95	1	1	2.506817
Gravel Truck_serv	BOBJ1	52	149.115	Before	Interior Girder 4	25.275	0.95	1	1	2.506817
Gravel Truck_serv	BOBJ1	52	149.115	Before	Interior Girder 5	25.275	0.95	1	1	2.567803
Gravel Truck_serv	BOBJ1	52	149.115	Before	Interior Girder 6	25.275	0.95	1	1	2.653964
Gravel Truck_serv	BOBJ1	52	149.115	Before	Right Exterior Girder	25.275	0.95	1	1	3.168492
Gravel Truck_serv	BOBJ1	53	149.115	After	Left Exterior Girder	25.275	0.95	1	1	3.206524
Gravel Truck_serv	BOBJ1	53	149.115	After	Interior Girder 1	25.275	0.95	1	1	2.634986
Gravel Truck_serv	BOBJ1	53	149.115	After	Interior Girder 2	25.275	0.95	1	1	2.566194
Gravel Truck_serv	BOBJ1	53	149.115	After	Interior Girder 3	25.275	0.95	1	1	2.526582
Gravel Truck_serv	BOBJ1	53	149.115	After	Interior Girder 4	25.275	0.95	1	1	2.526582
Gravel Truck_serv	BOBJ1	53	149.115	After	Interior Girder 5	25.275	0.95	1	1	2.566194
Gravel Truck_serv	BOBJ1	53	149.115	After	Interior Girder 6	25.275	0.95	1	1	2.634986
Gravel Truck_serv	BOBJ1	53	149.115	After	Right Exterior Girder	25.275	0.95	1	1	3.206524
Gravel Truck_serv	BOBJ1	54	157.54	Before	Left Exterior Girder	33.7	0.95	1	1	2.599694
Gravel Truck_serv	BOBJ1	54	157.54	Before	Interior Girder 1	33.7	0.95	1	1	2.519452
Gravel Truck_serv	BOBJ1	54	157.54	Before	Interior Girder 2	33.7	0.95	1	1	2.452677
Gravel Truck_serv	BOBJ1	54	157.54	Before	Interior Girder 3	33.7	0.95	1	1	2.475294
Gravel Truck_serv	BOBJ1	54	157.54	Before	Interior Girder 4	33.7	0.95	1	1	2.475294
Gravel Truck_serv	BOBJ1	54	157.54	Before	Interior Girder 5	33.7	0.95	1	1	2.452677
Gravel Truck_serv	BOBJ1	54	157.54	Before	Interior Girder 6	33.7	0.95	1	1	2.519452
Gravel Truck_serv	BOBJ1	54	157.54	Before	Right Exterior Girder	33.7	0.95	1	1	2.599694
Gravel Truck_serv	BOBJ1	55	157.54	After	Left Exterior Girder	33.7	0.95	1	1	2.599925
Gravel Truck_serv	BOBJ1	55	157.54	After	Interior Girder 1	33.7	0.95	1	1	2.519531
Gravel Truck_serv	BOBJ1	55	157.54	After	Interior Girder 2	33.7	0.95	1	1	2.452609
Gravel Truck_serv	BOBJ1	55	157.54	After	Interior Girder 3	33.7	0.95	1	1	2.47538
Gravel Truck_serv	BOBJ1	55	157.54	After	Interior Girder 4	33.7	0.95	1	1	2.47538
Gravel Truck_serv	BOBJ1	55	157.54	After	Interior Girder 5	33.7	0.95	1	1	2.452609
Gravel Truck_serv	BOBJ1	55	157.54	After	Interior Girder 6	33.7	0.95	1	1	2.519531
Gravel Truck_serv	BOBJ1	55	157.54	After	Right Exterior Girder	33.7	0.95	1	1	2.599925
Gravel Truck_serv	BOBJ1	56	165.965	Before	Left Exterior Girder	42.125	0.95	1	1	3.203967
Gravel Truck_serv	BOBJ1	56	165.965	Before	Interior Girder 1	42.125	0.95	1	1	2.633931
Gravel Truck_serv	BOBJ1	56	165.965	Before	Interior Girder 2	42.125	0.95	1	1	2.565201
Gravel Truck_serv	BOBJ1	56	165.965	Before	Interior Girder 3	42.125	0.95	1	1	2.525458
Gravel Truck_serv	BOBJ1	56	165.965	Before	Interior Girder 4	42.125	0.95	1	1	2.525458
Gravel Truck_serv	BOBJ1	56	165.965	Before	Interior Girder 5	42.125	0.95	1	1	2.565201
Gravel Truck_serv	BOBJ1	56	165.965	Before	Interior Girder 6	42.125	0.95	1	1	2.633931
Gravel Truck_serv	BOBJ1	56	165.965	Before	Right Exterior Girder	42.125	0.95	1	1	3.203967
Gravel Truck_serv	BOBJ1	57	165.965	After	Left Exterior Girder	42.125	0.95	1	1	3.166278
Gravel Truck_serv	BOBJ1	57	165.965	After	Interior Girder 1	42.125	0.95	1	1	2.652807
Gravel Truck_serv	BOBJ1	57	165.965	After	Interior Girder 2	42.125	0.95	1	1	2.566789
Gravel Truck_serv	BOBJ1	57	165.965	After	Interior Girder 3	42.125	0.95	1	1	2.5058
Gravel Truck_serv	BOBJ1	57	165.965	After	Interior Girder 4	42.125	0.95	1	1	2.5058
Gravel Truck_serv	BOBJ1	57	165.965	After	Interior Girder 5	42.125	0.95	1	1	2.566789
Gravel Truck_serv	BOBJ1	57	165.965	After	Interior Girder 6	42.125	0.95	1	1	2.652807
Gravel Truck_serv	BOBJ1	57	165.965	After	Right Exterior Girder	42.125	0.95	1	1	3.166278
Gravel Truck_serv	BOBJ1	58	174.39	Before	Left Exterior Girder	50.55	0.95	1	1	5.028192
Gravel Truck_serv	BOBJ1	58	174.39	Before	Interior Girder 1	50.55	0.95	1	1	4.22249
Gravel Truck_serv	BOBJ1	58	174.39	Before	Interior Girder 2	50.55	0.95	1	1	3.942991
Gravel Truck_serv	BOBJ1	58	174.39	Before	Interior Girder 3	50.55	0.95	1	1	3.904344
Gravel Truck_serv	BOBJ1	58	174.39	Before	Interior Girder 4	50.55	0.95	1	1	3.904344
Gravel Truck_serv	BOBJ1	58	174.39	Before	Interior Girder 5	50.55	0.95	1	1	3.942991
Gravel Truck_serv	BOBJ1	58	174.39	Before	Interior Girder 6	50.55	0.95	1	1	4.22249
Gravel Truck_serv	BOBJ1	58	174.39	Before	Right Exterior Girder	50.55	0.95	1	1	5.028192
Gravel Truck_serv	BOBJ1	59	174.39	After	Left Exterior Girder	50.55	0.95	1	1	4.909563
Gravel Truck_serv	BOBJ1	59	174.39	After	Interior Girder 1	50.55	0.95	1	1	4.287316
Gravel Truck_serv	BOBJ1	59	174.39	After	Interior Girder 2	50.55	0.95	1	1	3.941581

TABLE: Bridge Super Rating AASHTORATE18 31 - SteelICompServ-Flx - Approach, Span 7-11										
Request	BridgeObj	BridgeCut	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	Unitless	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Gravel Truck_serv	BOBJ1	59	174.39	After	Interior Girder 3	50.55	0.95	1	1	3.846064
Gravel Truck_serv	BOBJ1	59	174.39	After	Interior Girder 4	50.55	0.95	1	1	3.846064
Gravel Truck_serv	BOBJ1	59	174.39	After	Interior Girder 5	50.55	0.95	1	1	3.941581
Gravel Truck_serv	BOBJ1	59	174.39	After	Interior Girder 6	50.55	0.95	1	1	4.287316
Gravel Truck_serv	BOBJ1	59	174.39	After	Right Exterior Girder	50.55	0.95	1	1	4.909563
Gravel Truck_serv	BOBJ1	60	182.825	Before	Left Exterior Girder	58.985	0.95	1	1	3.441748
Gravel Truck_serv	BOBJ1	60	182.825	Before	Interior Girder 1	58.985	0.95	1	1	3.760204
Gravel Truck_serv	BOBJ1	60	182.825	Before	Interior Girder 2	58.985	0.95	1	1	3.700098
Gravel Truck_serv	BOBJ1	60	182.825	Before	Interior Girder 3	58.985	0.95	1	1	3.607835
Gravel Truck_serv	BOBJ1	60	182.825	Before	Interior Girder 4	58.985	0.95	1	1	3.607835
Gravel Truck_serv	BOBJ1	60	182.825	Before	Interior Girder 5	58.985	0.95	1	1	3.700098
Gravel Truck_serv	BOBJ1	60	182.825	Before	Interior Girder 6	58.985	0.95	1	1	3.760204
Gravel Truck_serv	BOBJ1	60	182.825	Before	Right Exterior Girder	58.985	0.95	1	1	3.441748
Gravel Truck_serv	BOBJ1	61	182.825	After	Left Exterior Girder	58.985	0.95	1	1	3.517305
Gravel Truck_serv	BOBJ1	61	182.825	After	Interior Girder 1	58.985	0.95	1	1	3.696182
Gravel Truck_serv	BOBJ1	61	182.825	After	Interior Girder 2	58.985	0.95	1	1	3.665063
Gravel Truck_serv	BOBJ1	61	182.825	After	Interior Girder 3	58.985	0.95	1	1	3.595414
Gravel Truck_serv	BOBJ1	61	182.825	After	Interior Girder 4	58.985	0.95	1	1	3.595414
Gravel Truck_serv	BOBJ1	61	182.825	After	Interior Girder 5	58.985	0.95	1	1	3.665063
Gravel Truck_serv	BOBJ1	61	182.825	After	Interior Girder 6	58.985	0.95	1	1	3.696182
Gravel Truck_serv	BOBJ1	61	182.825	After	Right Exterior Girder	58.985	0.95	1	1	3.517305
Gravel Truck_serv	BOBJ1	62	183.76	Before	Left Exterior Girder	59.92	0.95	1	1	3.264454
Gravel Truck_serv	BOBJ1	62	183.76	Before	Right Exterior Girder	59.92	0.95	1	1	3.264454
Gravel Truck_serv	BOBJ1	63	183.76	After	Left Exterior Girder	59.92	0.95	1	1	6.482845
Gravel Truck_serv	BOBJ1	63	183.76	After	Right Exterior Girder	59.92	0.95	1	1	6.482845
Gravel Truck_serv	BOBJ1	64	186.26	Before	Interior Girder 1	62.42	0.95	1	1	3.122417
Gravel Truck_serv	BOBJ1	64	186.26	Before	Interior Girder 2	62.42	0.95	1	1	3.072013
Gravel Truck_serv	BOBJ1	64	186.26	Before	Interior Girder 3	62.42	0.95	1	1	2.899109
Gravel Truck_serv	BOBJ1	64	186.26	Before	Interior Girder 4	62.42	0.95	1	1	2.899109
Gravel Truck_serv	BOBJ1	64	186.26	Before	Interior Girder 5	62.42	0.95	1	1	3.072013
Gravel Truck_serv	BOBJ1	64	186.26	Before	Interior Girder 6	62.42	0.95	1	1	3.122417
Gravel Truck_serv	BOBJ1	65	186.26	After	Interior Girder 1	62.42	0.95	1	1	4.358525
Gravel Truck_serv	BOBJ1	65	186.26	After	Interior Girder 2	62.42	0.95	1	1	4.19473
Gravel Truck_serv	BOBJ1	65	186.26	After	Interior Girder 3	62.42	0.95	1	1	3.99645
Gravel Truck_serv	BOBJ1	65	186.26	After	Interior Girder 4	62.42	0.95	1	1	3.99645
Gravel Truck_serv	BOBJ1	65	186.26	After	Interior Girder 5	62.42	0.95	1	1	4.19473
Gravel Truck_serv	BOBJ1	65	186.26	After	Interior Girder 6	62.42	0.95	1	1	4.358525
Gravel Truck_serv	BOBJ1	66	191.26	Before	Left Exterior Girder	67.42	0.95	1	1	4.167719
Gravel Truck_serv	BOBJ1	66	191.26	Before	Interior Girder 1	67.42	0.95	1	1	3.073983
Gravel Truck_serv	BOBJ1	66	191.26	Before	Interior Girder 2	67.42	0.95	1	1	2.917467
Gravel Truck_serv	BOBJ1	66	191.26	Before	Interior Girder 3	67.42	0.95	1	1	2.452019
Gravel Truck_serv	BOBJ1	66	191.26	Before	Interior Girder 4	67.42	0.95	1	1	2.452019
Gravel Truck_serv	BOBJ1	66	191.26	Before	Interior Girder 5	67.42	0.95	1	1	2.917467
Gravel Truck_serv	BOBJ1	66	191.26	Before	Interior Girder 6	67.42	0.95	1	1	3.073983
Gravel Truck_serv	BOBJ1	66	191.26	Before	Right Exterior Girder	67.42	0.95	1	1	4.167719
Gravel Truck_serv	BOBJ1	67	191.26	After	Left Exterior Girder	0	0.95	1	1	4.197113
Gravel Truck_serv	BOBJ1	67	191.26	After	Interior Girder 1	0	0.95	1	1	3.129352
Gravel Truck_serv	BOBJ1	67	191.26	After	Interior Girder 2	0	0.95	1	1	2.942139
Gravel Truck_serv	BOBJ1	67	191.26	After	Interior Girder 3	0	0.95	1	1	2.458164
Gravel Truck_serv	BOBJ1	67	191.26	After	Interior Girder 4	0	0.95	1	1	2.458164
Gravel Truck_serv	BOBJ1	67	191.26	After	Interior Girder 5	0	0.95	1	1	2.942139
Gravel Truck_serv	BOBJ1	67	191.26	After	Interior Girder 6	0	0.95	1	1	3.129352
Gravel Truck_serv	BOBJ1	67	191.26	After	Right Exterior Girder	0	0.95	1	1	4.197113
Gravel Truck_serv	BOBJ1	68	196.26	Before	Interior Girder 1	5	0.95	1	1	4.271973
Gravel Truck_serv	BOBJ1	68	196.26	Before	Interior Girder 2	5	0.95	1	1	4.128943
Gravel Truck_serv	BOBJ1	68	196.26	Before	Interior Girder 3	5	0.95	1	1	3.941788
Gravel Truck_serv	BOBJ1	68	196.26	Before	Interior Girder 4	5	0.95	1	1	3.941788
Gravel Truck_serv	BOBJ1	68	196.26	Before	Interior Girder 5	5	0.95	1	1	4.128943
Gravel Truck_serv	BOBJ1	68	196.26	Before	Interior Girder 6	5	0.95	1	1	4.271973
Gravel Truck_serv	BOBJ1	69	196.26	After	Interior Girder 1	5	0.95	1	1	3.055551
Gravel Truck_serv	BOBJ1	69	196.26	After	Interior Girder 2	5	0.95	1	1	3.02269
Gravel Truck_serv	BOBJ1	69	196.26	After	Interior Girder 3	5	0.95	1	1	2.850085
Gravel Truck_serv	BOBJ1	69	196.26	After	Interior Girder 4	5	0.95	1	1	2.850085
Gravel Truck_serv	BOBJ1	69	196.26	After	Interior Girder 5	5	0.95	1	1	3.02269
Gravel Truck_serv	BOBJ1	69	196.26	After	Interior Girder 6	5	0.95	1	1	3.055551
Gravel Truck_serv	BOBJ1	70	198.76	Before	Left Exterior Girder	7.5	0.95	1	1	6.332501
Gravel Truck_serv	BOBJ1	70	198.76	Before	Right Exterior Girder	7.5	0.95	1	1	6.332501
Gravel Truck_serv	BOBJ1	71	198.76	After	Left Exterior Girder	7.5	0.95	1	1	3.189726
Gravel Truck_serv	BOBJ1	71	198.76	After	Right Exterior Girder	7.5	0.95	1	1	3.189726
Gravel Truck_serv	BOBJ1	72	199.685	Before	Left Exterior Girder	8.425	0.95	1	1	3.422843
Gravel Truck_serv	BOBJ1	72	199.685	Before	Interior Girder 1	8.425	0.95	1	1	3.614642
Gravel Truck_serv	BOBJ1	72	199.685	Before	Interior Girder 2	8.425	0.95	1	1	3.602976
Gravel Truck_serv	BOBJ1	72	199.685	Before	Interior Girder 3	8.425	0.95	1	1	3.531069

TABLE: Bridge Super Rating AASHTORATE18 31 - SteelICompServ-Flx - Approach, Span 7-11										
Request	BridgeObj	BridgeCut	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	Unitless	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Gravel Truck_serv	BOBJ1	72	199.685	Before	Interior Girder 4	8.425	0.95	1	1	3.531069
Gravel Truck_serv	BOBJ1	72	199.685	Before	Interior Girder 5	8.425	0.95	1	1	3.602976
Gravel Truck_serv	BOBJ1	72	199.685	Before	Interior Girder 6	8.425	0.95	1	1	3.614642
Gravel Truck_serv	BOBJ1	72	199.685	Before	Right Exterior Girder	8.425	0.95	1	1	3.422843
Gravel Truck_serv	BOBJ1	73	199.685	After	Left Exterior Girder	8.425	0.95	1	1	3.349289
Gravel Truck_serv	BOBJ1	73	199.685	After	Interior Girder 1	8.425	0.95	1	1	3.67792
Gravel Truck_serv	BOBJ1	73	199.685	After	Interior Girder 2	8.425	0.95	1	1	3.636886
Gravel Truck_serv	BOBJ1	73	199.685	After	Interior Girder 3	8.425	0.95	1	1	3.54257
Gravel Truck_serv	BOBJ1	73	199.685	After	Interior Girder 4	8.425	0.95	1	1	3.54257
Gravel Truck_serv	BOBJ1	73	199.685	After	Interior Girder 5	8.425	0.95	1	1	3.636886
Gravel Truck_serv	BOBJ1	73	199.685	After	Interior Girder 6	8.425	0.95	1	1	3.67792
Gravel Truck_serv	BOBJ1	73	199.685	After	Right Exterior Girder	8.425	0.95	1	1	3.349289
Gravel Truck_serv	BOBJ1	74	208.11	Before	Left Exterior Girder	16.85	0.95	1	1	4.887592
Gravel Truck_serv	BOBJ1	74	208.11	Before	Interior Girder 1	16.85	0.95	1	1	4.286415
Gravel Truck_serv	BOBJ1	74	208.11	Before	Interior Girder 2	16.85	0.95	1	1	3.939239
Gravel Truck_serv	BOBJ1	74	208.11	Before	Interior Girder 3	16.85	0.95	1	1	3.841175
Gravel Truck_serv	BOBJ1	74	208.11	Before	Interior Girder 4	16.85	0.95	1	1	3.841175
Gravel Truck_serv	BOBJ1	74	208.11	Before	Interior Girder 5	16.85	0.95	1	1	3.939239
Gravel Truck_serv	BOBJ1	74	208.11	Before	Interior Girder 6	16.85	0.95	1	1	4.286415
Gravel Truck_serv	BOBJ1	74	208.11	Before	Right Exterior Girder	16.85	0.95	1	1	4.887592
Gravel Truck_serv	BOBJ1	75	208.11	After	Left Exterior Girder	16.85	0.95	1	1	5.00305
Gravel Truck_serv	BOBJ1	75	208.11	After	Interior Girder 1	16.85	0.95	1	1	4.221269
Gravel Truck_serv	BOBJ1	75	208.11	After	Interior Girder 2	16.85	0.95	1	1	3.94147
Gravel Truck_serv	BOBJ1	75	208.11	After	Interior Girder 3	16.85	0.95	1	1	3.900332
Gravel Truck_serv	BOBJ1	75	208.11	After	Interior Girder 4	16.85	0.95	1	1	3.900332
Gravel Truck_serv	BOBJ1	75	208.11	After	Interior Girder 5	16.85	0.95	1	1	3.94147
Gravel Truck_serv	BOBJ1	75	208.11	After	Interior Girder 6	16.85	0.95	1	1	4.221269
Gravel Truck_serv	BOBJ1	75	208.11	After	Right Exterior Girder	16.85	0.95	1	1	5.00305
Gravel Truck_serv	BOBJ1	76	216.535	Before	Left Exterior Girder	25.275	0.95	1	1	3.183629
Gravel Truck_serv	BOBJ1	76	216.535	Before	Interior Girder 1	25.275	0.95	1	1	2.668772
Gravel Truck_serv	BOBJ1	76	216.535	Before	Interior Girder 2	25.275	0.95	1	1	2.5765
Gravel Truck_serv	BOBJ1	76	216.535	Before	Interior Girder 3	25.275	0.95	1	1	2.509665
Gravel Truck_serv	BOBJ1	76	216.535	Before	Interior Girder 4	25.275	0.95	1	1	2.509665
Gravel Truck_serv	BOBJ1	76	216.535	Before	Interior Girder 5	25.275	0.95	1	1	2.5765
Gravel Truck_serv	BOBJ1	76	216.535	Before	Interior Girder 6	25.275	0.95	1	1	2.668772
Gravel Truck_serv	BOBJ1	76	216.535	Before	Right Exterior Girder	25.275	0.95	1	1	3.183629
Gravel Truck_serv	BOBJ1	77	216.535	After	Left Exterior Girder	25.275	0.95	1	1	3.220014
Gravel Truck_serv	BOBJ1	77	216.535	After	Interior Girder 1	25.275	0.95	1	1	2.649164
Gravel Truck_serv	BOBJ1	77	216.535	After	Interior Girder 2	25.275	0.95	1	1	2.575635
Gravel Truck_serv	BOBJ1	77	216.535	After	Interior Girder 3	25.275	0.95	1	1	2.529792
Gravel Truck_serv	BOBJ1	77	216.535	After	Interior Girder 4	25.275	0.95	1	1	2.529792
Gravel Truck_serv	BOBJ1	77	216.535	After	Interior Girder 5	25.275	0.95	1	1	2.575635
Gravel Truck_serv	BOBJ1	77	216.535	After	Interior Girder 6	25.275	0.95	1	1	2.649164
Gravel Truck_serv	BOBJ1	77	216.535	After	Right Exterior Girder	25.275	0.95	1	1	3.220014
Gravel Truck_serv	BOBJ1	78	224.96	Before	Left Exterior Girder	33.7	0.95	1	1	2.636778
Gravel Truck_serv	BOBJ1	78	224.96	Before	Interior Girder 1	33.7	0.95	1	1	2.55012
Gravel Truck_serv	BOBJ1	78	224.96	Before	Interior Girder 2	33.7	0.95	1	1	2.470786
Gravel Truck_serv	BOBJ1	78	224.96	Before	Interior Girder 3	33.7	0.95	1	1	2.484614
Gravel Truck_serv	BOBJ1	78	224.96	Before	Interior Girder 4	33.7	0.95	1	1	2.484614
Gravel Truck_serv	BOBJ1	78	224.96	Before	Interior Girder 5	33.7	0.95	1	1	2.470786
Gravel Truck_serv	BOBJ1	78	224.96	Before	Interior Girder 6	33.7	0.95	1	1	2.55012
Gravel Truck_serv	BOBJ1	78	224.96	Before	Right Exterior Girder	33.7	0.95	1	1	2.636778
Gravel Truck_serv	BOBJ1	79	224.96	After	Left Exterior Girder	33.7	0.95	1	1	2.635021
Gravel Truck_serv	BOBJ1	79	224.96	After	Interior Girder 1	33.7	0.95	1	1	2.550266
Gravel Truck_serv	BOBJ1	79	224.96	After	Interior Girder 2	33.7	0.95	1	1	2.472966
Gravel Truck_serv	BOBJ1	79	224.96	After	Interior Girder 3	33.7	0.95	1	1	2.485594
Gravel Truck_serv	BOBJ1	79	224.96	After	Interior Girder 4	33.7	0.95	1	1	2.485594
Gravel Truck_serv	BOBJ1	79	224.96	After	Interior Girder 5	33.7	0.95	1	1	2.472966
Gravel Truck_serv	BOBJ1	79	224.96	After	Interior Girder 6	33.7	0.95	1	1	2.550266
Gravel Truck_serv	BOBJ1	79	224.96	After	Right Exterior Girder	33.7	0.95	1	1	2.635021
Gravel Truck_serv	BOBJ1	80	233.385	Before	Left Exterior Girder	42.125	0.95	1	1	3.297619
Gravel Truck_serv	BOBJ1	80	233.385	Before	Interior Girder 1	42.125	0.95	1	1	2.67732
Gravel Truck_serv	BOBJ1	80	233.385	Before	Interior Girder 2	42.125	0.95	1	1	2.593628
Gravel Truck_serv	BOBJ1	80	233.385	Before	Interior Girder 3	42.125	0.95	1	1	2.543025
Gravel Truck_serv	BOBJ1	80	233.385	Before	Interior Girder 4	42.125	0.95	1	1	2.543025
Gravel Truck_serv	BOBJ1	80	233.385	Before	Interior Girder 5	42.125	0.95	1	1	2.593628
Gravel Truck_serv	BOBJ1	80	233.385	Before	Interior Girder 6	42.125	0.95	1	1	2.67732
Gravel Truck_serv	BOBJ1	80	233.385	Before	Right Exterior Girder	42.125	0.95	1	1	3.297619
Gravel Truck_serv	BOBJ1	81	233.385	After	Left Exterior Girder	42.125	0.95	1	1	3.253572
Gravel Truck_serv	BOBJ1	81	233.385	After	Interior Girder 1	42.125	0.95	1	1	2.69928
Gravel Truck_serv	BOBJ1	81	233.385	After	Interior Girder 2	42.125	0.95	1	1	2.595595
Gravel Truck_serv	BOBJ1	81	233.385	After	Interior Girder 3	42.125	0.95	1	1	2.521916
Gravel Truck_serv	BOBJ1	81	233.385	After	Interior Girder 4	42.125	0.95	1	1	2.521916

TABLE: Bridge Super Rating AASHTORATE18 31 - SteelICompServ-Flx - Approach, Span 7-11										
Request	BridgeObj	BridgeCut	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	Unitless	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Gravel Truck_serv	BOBJ1	81	233.385	After	Interior Girder 5	42.125	0.95	1	1	2.595595
Gravel Truck_serv	BOBJ1	81	233.385	After	Interior Girder 6	42.125	0.95	1	1	2.69928
Gravel Truck_serv	BOBJ1	81	233.385	After	Right Exterior Girder	42.125	0.95	1	1	3.253572
Gravel Truck_serv	BOBJ1	82	241.81	Before	Left Exterior Girder	50.55	0.95	1	1	5.276237
Gravel Truck_serv	BOBJ1	82	241.81	Before	Interior Girder 1	50.55	0.95	1	1	4.358228
Gravel Truck_serv	BOBJ1	82	241.81	Before	Interior Girder 2	50.55	0.95	1	1	4.026646
Gravel Truck_serv	BOBJ1	82	241.81	Before	Interior Girder 3	50.55	0.95	1	1	3.984329
Gravel Truck_serv	BOBJ1	82	241.81	Before	Interior Girder 4	50.55	0.95	1	1	3.984329
Gravel Truck_serv	BOBJ1	82	241.81	Before	Interior Girder 5	50.55	0.95	1	1	4.026646
Gravel Truck_serv	BOBJ1	82	241.81	Before	Interior Girder 6	50.55	0.95	1	1	4.358228
Gravel Truck_serv	BOBJ1	82	241.81	Before	Right Exterior Girder	50.55	0.95	1	1	5.276237
Gravel Truck_serv	BOBJ1	83	241.81	After	Left Exterior Girder	50.55	0.95	1	1	5.161694
Gravel Truck_serv	BOBJ1	83	241.81	After	Interior Girder 1	50.55	0.95	1	1	4.429876
Gravel Truck_serv	BOBJ1	83	241.81	After	Interior Girder 2	50.55	0.95	1	1	4.048308
Gravel Truck_serv	BOBJ1	83	241.81	After	Interior Girder 3	50.55	0.95	1	1	3.969454
Gravel Truck_serv	BOBJ1	83	241.81	After	Interior Girder 4	50.55	0.95	1	1	3.969454
Gravel Truck_serv	BOBJ1	83	241.81	After	Interior Girder 5	50.55	0.95	1	1	4.048308
Gravel Truck_serv	BOBJ1	83	241.81	After	Interior Girder 6	50.55	0.95	1	1	4.429876
Gravel Truck_serv	BOBJ1	83	241.81	After	Right Exterior Girder	50.55	0.95	1	1	5.161694
Gravel Truck_serv	BOBJ1	84	245.18	Before	Left Exterior Girder	53.92	0.95	1	1	5.032352
Gravel Truck_serv	BOBJ1	84	245.18	Before	Interior Girder 1	53.92	0.95	1	1	5.148078
Gravel Truck_serv	BOBJ1	84	245.18	Before	Interior Girder 2	53.92	0.95	1	1	5.068173
Gravel Truck_serv	BOBJ1	84	245.18	Before	Interior Girder 3	53.92	0.95	1	1	5.034911
Gravel Truck_serv	BOBJ1	84	245.18	Before	Interior Girder 4	53.92	0.95	1	1	5.034911
Gravel Truck_serv	BOBJ1	84	245.18	Before	Interior Girder 5	53.92	0.95	1	1	5.068173
Gravel Truck_serv	BOBJ1	84	245.18	Before	Interior Girder 6	53.92	0.95	1	1	5.148078
Gravel Truck_serv	BOBJ1	84	245.18	Before	Right Exterior Girder	53.92	0.95	1	1	5.032352
Gravel Truck_serv	BOBJ1	85	245.18	After	Left Exterior Girder	53.92	0.95	1	1	5.855132
Gravel Truck_serv	BOBJ1	85	245.18	After	Interior Girder 1	53.92	0.95	1	1	5.508698
Gravel Truck_serv	BOBJ1	85	245.18	After	Interior Girder 2	53.92	0.95	1	1	5.360989
Gravel Truck_serv	BOBJ1	85	245.18	After	Interior Girder 3	53.92	0.95	1	1	5.239395
Gravel Truck_serv	BOBJ1	85	245.18	After	Interior Girder 4	53.92	0.95	1	1	5.239395
Gravel Truck_serv	BOBJ1	85	245.18	After	Interior Girder 5	53.92	0.95	1	1	5.360989
Gravel Truck_serv	BOBJ1	85	245.18	After	Interior Girder 6	53.92	0.95	1	1	5.508698
Gravel Truck_serv	BOBJ1	85	245.18	After	Right Exterior Girder	53.92	0.95	1	1	5.855132
Gravel Truck_serv	BOBJ1	86	250.245	Before	Left Exterior Girder	58.985	0.95	1	1	4.443512
Gravel Truck_serv	BOBJ1	86	250.245	Before	Interior Girder 1	58.985	0.95	1	1	4.447896
Gravel Truck_serv	BOBJ1	86	250.245	Before	Interior Girder 2	58.985	0.95	1	1	4.234354
Gravel Truck_serv	BOBJ1	86	250.245	Before	Interior Girder 3	58.985	0.95	1	1	4.089922
Gravel Truck_serv	BOBJ1	86	250.245	Before	Interior Girder 4	58.985	0.95	1	1	4.089922
Gravel Truck_serv	BOBJ1	86	250.245	Before	Interior Girder 5	58.985	0.95	1	1	4.234354
Gravel Truck_serv	BOBJ1	86	250.245	Before	Interior Girder 6	58.985	0.95	1	1	4.447896
Gravel Truck_serv	BOBJ1	86	250.245	Before	Right Exterior Girder	58.985	0.95	1	1	4.443512
Gravel Truck_serv	BOBJ1	87	250.245	After	Left Exterior Girder	58.985	0.95	1	1	4.481693
Gravel Truck_serv	BOBJ1	87	250.245	After	Interior Girder 1	58.985	0.95	1	1	4.401975
Gravel Truck_serv	BOBJ1	87	250.245	After	Interior Girder 2	58.985	0.95	1	1	4.191698
Gravel Truck_serv	BOBJ1	87	250.245	After	Interior Girder 3	58.985	0.95	1	1	4.061947
Gravel Truck_serv	BOBJ1	87	250.245	After	Interior Girder 4	58.985	0.95	1	1	4.061947
Gravel Truck_serv	BOBJ1	87	250.245	After	Interior Girder 5	58.985	0.95	1	1	4.191698
Gravel Truck_serv	BOBJ1	87	250.245	After	Interior Girder 6	58.985	0.95	1	1	4.401975
Gravel Truck_serv	BOBJ1	87	250.245	After	Right Exterior Girder	58.985	0.95	1	1	4.481693
Gravel Truck_serv	BOBJ1	88	251.68	Before	Left Exterior Girder	60.42	0.95	1	1	4.09474
Gravel Truck_serv	BOBJ1	88	251.68	Before	Right Exterior Girder	60.42	0.95	1	1	4.09474
Gravel Truck_serv	BOBJ1	89	251.68	After	Left Exterior Girder	60.42	0.95	1	1	7.106892
Gravel Truck_serv	BOBJ1	89	251.68	After	Right Exterior Girder	60.42	0.95	1	1	7.106892
Gravel Truck_serv	BOBJ1	90	254.18	Before	Interior Girder 1	62.92	0.95	1	1	3.608281
Gravel Truck_serv	BOBJ1	90	254.18	Before	Interior Girder 2	62.92	0.95	1	1	3.433898
Gravel Truck_serv	BOBJ1	90	254.18	Before	Interior Girder 3	62.92	0.95	1	1	3.129934
Gravel Truck_serv	BOBJ1	90	254.18	Before	Interior Girder 4	62.92	0.95	1	1	3.129934
Gravel Truck_serv	BOBJ1	90	254.18	Before	Interior Girder 5	62.92	0.95	1	1	3.433898
Gravel Truck_serv	BOBJ1	90	254.18	Before	Interior Girder 6	62.92	0.95	1	1	3.608281
Gravel Truck_serv	BOBJ1	91	254.18	After	Interior Girder 1	62.92	0.95	1	1	4.404931
Gravel Truck_serv	BOBJ1	91	254.18	After	Interior Girder 2	62.92	0.95	1	1	4.113864
Gravel Truck_serv	BOBJ1	91	254.18	After	Interior Girder 3	62.92	0.95	1	1	3.774309
Gravel Truck_serv	BOBJ1	91	254.18	After	Interior Girder 4	62.92	0.95	1	1	3.774309
Gravel Truck_serv	BOBJ1	91	254.18	After	Interior Girder 5	62.92	0.95	1	1	4.113864
Gravel Truck_serv	BOBJ1	91	254.18	After	Interior Girder 6	62.92	0.95	1	1	4.404931
Gravel Truck_serv	BOBJ1	92	258.68	Before	Left Exterior Girder	67.42	0.95	1	1	4.072694
Gravel Truck_serv	BOBJ1	92	258.68	Before	Interior Girder 1	67.42	0.95	1	1	2.80831
Gravel Truck_serv	BOBJ1	92	258.68	Before	Interior Girder 2	67.42	0.95	1	1	2.66142
Gravel Truck_serv	BOBJ1	92	258.68	Before	Interior Girder 3	67.42	0.95	1	1	2.256214
Gravel Truck_serv	BOBJ1	92	258.68	Before	Interior Girder 4	67.42	0.95	1	1	2.256214
Gravel Truck_serv	BOBJ1	92	258.68	Before	Interior Girder 5	67.42	0.95	1	1	2.66142

TABLE: Bridge Super Rating AASHTORATE18 31 - SteelICompServ-Flx - Approach, Span 7-11										
Request	BridgeObj	BridgeCut	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	Unitless	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Gravel Truck_serv	BOBJ1	92	258.68	Before	Interior Girder 6	67.42	0.95	1	1	2.80831
Gravel Truck_serv	BOBJ1	92	258.68	Before	Right Exterior Girder	67.42	0.95	1	1	4.072694
Gravel Truck_serv	BOBJ1	93	258.68	After	Left Exterior Girder	0	0.95	1	1	4.154443
Gravel Truck_serv	BOBJ1	93	258.68	After	Interior Girder 1	0	0.95	1	1	2.968156
Gravel Truck_serv	BOBJ1	93	258.68	After	Interior Girder 2	0	0.95	1	1	2.755809
Gravel Truck_serv	BOBJ1	93	258.68	After	Interior Girder 3	0	0.95	1	1	2.2862
Gravel Truck_serv	BOBJ1	93	258.68	After	Interior Girder 4	0	0.95	1	1	2.2862
Gravel Truck_serv	BOBJ1	93	258.68	After	Interior Girder 5	0	0.95	1	1	2.755809
Gravel Truck_serv	BOBJ1	93	258.68	After	Interior Girder 6	0	0.95	1	1	2.968156
Gravel Truck_serv	BOBJ1	93	258.68	After	Right Exterior Girder	0	0.95	1	1	4.154443
Gravel Truck_serv	BOBJ1	94	263.18	Before	Interior Girder 1	4.5	0.95	1	1	3.834444
Gravel Truck_serv	BOBJ1	94	263.18	Before	Interior Girder 2	4.5	0.95	1	1	3.696315
Gravel Truck_serv	BOBJ1	94	263.18	Before	Interior Girder 3	4.5	0.95	1	1	3.50753
Gravel Truck_serv	BOBJ1	94	263.18	Before	Interior Girder 4	4.5	0.95	1	1	3.50753
Gravel Truck_serv	BOBJ1	94	263.18	Before	Interior Girder 5	4.5	0.95	1	1	3.696315
Gravel Truck_serv	BOBJ1	94	263.18	Before	Interior Girder 6	4.5	0.95	1	1	3.834444
Gravel Truck_serv	BOBJ1	95	263.18	After	Interior Girder 1	4.5	0.95	1	1	3.124027
Gravel Truck_serv	BOBJ1	95	263.18	After	Interior Girder 2	4.5	0.95	1	1	3.076245
Gravel Truck_serv	BOBJ1	95	263.18	After	Interior Girder 3	4.5	0.95	1	1	2.898301
Gravel Truck_serv	BOBJ1	95	263.18	After	Interior Girder 4	4.5	0.95	1	1	2.898301
Gravel Truck_serv	BOBJ1	95	263.18	After	Interior Girder 5	4.5	0.95	1	1	3.076245
Gravel Truck_serv	BOBJ1	95	263.18	After	Interior Girder 6	4.5	0.95	1	1	3.124027
Gravel Truck_serv	BOBJ1	96	265.68	Before	Left Exterior Girder	7	0.95	1	1	5.876787
Gravel Truck_serv	BOBJ1	96	265.68	Before	Right Exterior Girder	7	0.95	1	1	5.876787
Gravel Truck_serv	BOBJ1	97	265.68	After	Left Exterior Girder	7	0.95	1	1	3.403164
Gravel Truck_serv	BOBJ1	97	265.68	After	Right Exterior Girder	7	0.95	1	1	3.403164
Gravel Truck_serv	BOBJ1	98	268.08	Before	Left Exterior Girder	9.4	0.95	1	1	3.970594
Gravel Truck_serv	BOBJ1	98	268.08	Before	Interior Girder 1	9.4	0.95	1	1	3.956735
Gravel Truck_serv	BOBJ1	98	268.08	Before	Interior Girder 2	9.4	0.95	1	1	3.92045
Gravel Truck_serv	BOBJ1	98	268.08	Before	Interior Girder 3	9.4	0.95	1	1	3.871417
Gravel Truck_serv	BOBJ1	98	268.08	Before	Interior Girder 4	9.4	0.95	1	1	3.871417
Gravel Truck_serv	BOBJ1	98	268.08	Before	Interior Girder 5	9.4	0.95	1	1	3.92045
Gravel Truck_serv	BOBJ1	98	268.08	Before	Interior Girder 6	9.4	0.95	1	1	3.956735
Gravel Truck_serv	BOBJ1	98	268.08	Before	Right Exterior Girder	9.4	0.95	1	1	3.970594
Gravel Truck_serv	BOBJ1	99	268.08	After	Left Exterior Girder	9.4	0.95	1	1	3.89646
Gravel Truck_serv	BOBJ1	99	268.08	After	Interior Girder 1	9.4	0.95	1	1	4.018317
Gravel Truck_serv	BOBJ1	99	268.08	After	Interior Girder 2	9.4	0.95	1	1	3.964086
Gravel Truck_serv	BOBJ1	99	268.08	After	Interior Girder 3	9.4	0.95	1	1	3.887054
Gravel Truck_serv	BOBJ1	99	268.08	After	Interior Girder 4	9.4	0.95	1	1	3.887054
Gravel Truck_serv	BOBJ1	99	268.08	After	Interior Girder 5	9.4	0.95	1	1	3.964086
Gravel Truck_serv	BOBJ1	99	268.08	After	Interior Girder 6	9.4	0.95	1	1	4.018317
Gravel Truck_serv	BOBJ1	99	268.08	After	Right Exterior Girder	9.4	0.95	1	1	3.89646
Gravel Truck_serv	BOBJ1	100	277.48	Before	Left Exterior Girder	18.8	0.95	1	1	4.225368
Gravel Truck_serv	BOBJ1	100	277.48	Before	Interior Girder 1	18.8	0.95	1	1	3.744742
Gravel Truck_serv	BOBJ1	100	277.48	Before	Interior Girder 2	18.8	0.95	1	1	3.439884
Gravel Truck_serv	BOBJ1	100	277.48	Before	Interior Girder 3	18.8	0.95	1	1	3.358846
Gravel Truck_serv	BOBJ1	100	277.48	Before	Interior Girder 4	18.8	0.95	1	1	3.358846
Gravel Truck_serv	BOBJ1	100	277.48	Before	Interior Girder 5	18.8	0.95	1	1	3.439884
Gravel Truck_serv	BOBJ1	100	277.48	Before	Interior Girder 6	18.8	0.95	1	1	3.744742
Gravel Truck_serv	BOBJ1	100	277.48	Before	Right Exterior Girder	18.8	0.95	1	1	4.225368
Gravel Truck_serv	BOBJ1	101	277.48	After	Left Exterior Girder	18.8	0.95	1	1	4.306604
Gravel Truck_serv	BOBJ1	101	277.48	After	Interior Girder 1	18.8	0.95	1	1	3.68739
Gravel Truck_serv	BOBJ1	101	277.48	After	Interior Girder 2	18.8	0.95	1	1	3.446906
Gravel Truck_serv	BOBJ1	101	277.48	After	Interior Girder 3	18.8	0.95	1	1	3.401113
Gravel Truck_serv	BOBJ1	101	277.48	After	Interior Girder 4	18.8	0.95	1	1	3.401113
Gravel Truck_serv	BOBJ1	101	277.48	After	Interior Girder 5	18.8	0.95	1	1	3.446906
Gravel Truck_serv	BOBJ1	101	277.48	After	Interior Girder 6	18.8	0.95	1	1	3.68739
Gravel Truck_serv	BOBJ1	101	277.48	After	Right Exterior Girder	18.8	0.95	1	1	4.306604
Gravel Truck_serv	BOBJ1	102	286.88	Before	Left Exterior Girder	28.2	0.95	1	1	3.079104
Gravel Truck_serv	BOBJ1	102	286.88	Before	Interior Girder 1	28.2	0.95	1	1	2.463754
Gravel Truck_serv	BOBJ1	102	286.88	Before	Interior Girder 2	28.2	0.95	1	1	2.36402
Gravel Truck_serv	BOBJ1	102	286.88	Before	Interior Girder 3	28.2	0.95	1	1	2.284229
Gravel Truck_serv	BOBJ1	102	286.88	Before	Interior Girder 4	28.2	0.95	1	1	2.284229
Gravel Truck_serv	BOBJ1	102	286.88	Before	Interior Girder 5	28.2	0.95	1	1	2.36402
Gravel Truck_serv	BOBJ1	102	286.88	Before	Interior Girder 6	28.2	0.95	1	1	2.463754
Gravel Truck_serv	BOBJ1	102	286.88	Before	Right Exterior Girder	28.2	0.95	1	1	3.079104
Gravel Truck_serv	BOBJ1	103	286.88	After	Left Exterior Girder	28.2	0.95	1	1	3.090396
Gravel Truck_serv	BOBJ1	103	286.88	After	Interior Girder 1	28.2	0.95	1	1	2.457833
Gravel Truck_serv	BOBJ1	103	286.88	After	Interior Girder 2	28.2	0.95	1	1	2.369179
Gravel Truck_serv	BOBJ1	103	286.88	After	Interior Girder 3	28.2	0.95	1	1	2.295112
Gravel Truck_serv	BOBJ1	103	286.88	After	Interior Girder 4	28.2	0.95	1	1	2.295112
Gravel Truck_serv	BOBJ1	103	286.88	After	Interior Girder 5	28.2	0.95	1	1	2.369179
Gravel Truck_serv	BOBJ1	103	286.88	After	Interior Girder 6	28.2	0.95	1	1	2.457833

TABLE: Bridge Super Rating AASHTORATE18 31 - SteelICompServ-Flx - Approach, Span 7-11										
Request	BridgeObj	BridgeCut	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	Unitless	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Gravel Truck_serv	BOBJ1	103	286.88	After	Right Exterior Girder	28.2	0.95	1	1	3.090396
Gravel Truck_serv	BOBJ1	104	296.28	Before	Left Exterior Girder	37.6	0.95	1	1	2.846114
Gravel Truck_serv	BOBJ1	104	296.28	Before	Interior Girder 1	37.6	0.95	1	1	2.593859
Gravel Truck_serv	BOBJ1	104	296.28	Before	Interior Girder 2	37.6	0.95	1	1	2.467906
Gravel Truck_serv	BOBJ1	104	296.28	Before	Interior Girder 3	37.6	0.95	1	1	2.45003
Gravel Truck_serv	BOBJ1	104	296.28	Before	Interior Girder 4	37.6	0.95	1	1	2.45003
Gravel Truck_serv	BOBJ1	104	296.28	Before	Interior Girder 5	37.6	0.95	1	1	2.467906
Gravel Truck_serv	BOBJ1	104	296.28	Before	Interior Girder 6	37.6	0.95	1	1	2.593859
Gravel Truck_serv	BOBJ1	104	296.28	Before	Right Exterior Girder	37.6	0.95	1	1	2.846114
Gravel Truck_serv	BOBJ1	105	296.28	After	Left Exterior Girder	37.6	0.95	1	1	2.814259
Gravel Truck_serv	BOBJ1	105	296.28	After	Interior Girder 1	37.6	0.95	1	1	2.618244
Gravel Truck_serv	BOBJ1	105	296.28	After	Interior Girder 2	37.6	0.95	1	1	2.463259
Gravel Truck_serv	BOBJ1	105	296.28	After	Interior Girder 3	37.6	0.95	1	1	2.432585
Gravel Truck_serv	BOBJ1	105	296.28	After	Interior Girder 4	37.6	0.95	1	1	2.432585
Gravel Truck_serv	BOBJ1	105	296.28	After	Interior Girder 5	37.6	0.95	1	1	2.463259
Gravel Truck_serv	BOBJ1	105	296.28	After	Interior Girder 6	37.6	0.95	1	1	2.618244
Gravel Truck_serv	BOBJ1	105	296.28	After	Right Exterior Girder	37.6	0.95	1	1	2.814259
Gravel Truck_serv	BOBJ1	106	305.69	Before	Left Exterior Girder	47.01	0.95	1	1	5.057533
Gravel Truck_serv	BOBJ1	106	305.69	Before	Interior Girder 1	47.01	0.95	1	1	3.659539
Gravel Truck_serv	BOBJ1	106	305.69	Before	Interior Girder 2	47.01	0.95	1	1	3.469866
Gravel Truck_serv	BOBJ1	106	305.69	Before	Interior Girder 3	47.01	0.95	1	1	3.283174
Gravel Truck_serv	BOBJ1	106	305.69	Before	Interior Girder 4	47.01	0.95	1	1	3.283174
Gravel Truck_serv	BOBJ1	106	305.69	Before	Interior Girder 5	47.01	0.95	1	1	3.469866
Gravel Truck_serv	BOBJ1	106	305.69	Before	Interior Girder 6	47.01	0.95	1	1	3.659539
Gravel Truck_serv	BOBJ1	106	305.69	Before	Right Exterior Girder	47.01	0.95	1	1	5.057533
Gravel Truck_serv	BOBJ1	107	305.69	After	Left Exterior Girder	47.01	0.95	1	1	5.04511
Gravel Truck_serv	BOBJ1	107	305.69	After	Interior Girder 1	47.01	0.95	1	1	3.664543
Gravel Truck_serv	BOBJ1	107	305.69	After	Interior Girder 2	47.01	0.95	1	1	3.409148
Gravel Truck_serv	BOBJ1	107	305.69	After	Interior Girder 3	47.01	0.95	1	1	3.185367
Gravel Truck_serv	BOBJ1	107	305.69	After	Interior Girder 4	47.01	0.95	1	1	3.185367
Gravel Truck_serv	BOBJ1	107	305.69	After	Interior Girder 5	47.01	0.95	1	1	3.409148
Gravel Truck_serv	BOBJ1	107	305.69	After	Interior Girder 6	47.01	0.95	1	1	3.664543
Gravel Truck_serv	BOBJ1	107	305.69	After	Right Exterior Girder	47.01	0.95	1	1	5.04511
Gravel Truck_serv	BOBJ1	108	315.1	Before	Left Exterior Girder	56.42	0.95	1	1	272.285341
Gravel Truck_serv	BOBJ1	108	315.1	Before	Interior Girder 1	56.42	0.95	1	1	338.985213
Gravel Truck_serv	BOBJ1	108	315.1	Before	Interior Girder 2	56.42	0.95	1	1	176.884398
Gravel Truck_serv	BOBJ1	108	315.1	Before	Interior Girder 3	56.42	0.95	1	1	129.968779
Gravel Truck_serv	BOBJ1	108	315.1	Before	Interior Girder 4	56.42	0.95	1	1	129.968779
Gravel Truck_serv	BOBJ1	108	315.1	Before	Interior Girder 5	56.42	0.95	1	1	176.884399
Gravel Truck_serv	BOBJ1	108	315.1	Before	Interior Girder 6	56.42	0.95	1	1	338.985212
Gravel Truck_serv	BOBJ1	108	315.1	Before	Right Exterior Girder	56.42	0.95	1	1	272.285343
Annual Perm 1_serv	BOBJ1	1	0	After	Left Exterior Girder	0	0.95	1	1	301.83607
Annual Perm 1_serv	BOBJ1	1	0	After	Interior Girder 1	0	0.95	1	1	409.883537
Annual Perm 1_serv	BOBJ1	1	0	After	Interior Girder 2	0	0.95	1	1	215.50097
Annual Perm 1_serv	BOBJ1	1	0	After	Interior Girder 3	0	0.95	1	1	156.083728
Annual Perm 1_serv	BOBJ1	1	0	After	Interior Girder 4	0	0.95	1	1	156.083728
Annual Perm 1_serv	BOBJ1	1	0	After	Interior Girder 5	0	0.95	1	1	215.500969
Annual Perm 1_serv	BOBJ1	1	0	After	Interior Girder 6	0	0.95	1	1	409.883541
Annual Perm 1_serv	BOBJ1	1	0	After	Right Exterior Girder	0	0.95	1	1	301.83607
Annual Perm 1_serv	BOBJ1	2	9.4	Before	Left Exterior Girder	9.4	0.95	1	1	5.819805
Annual Perm 1_serv	BOBJ1	2	9.4	Before	Interior Girder 1	9.4	0.95	1	1	4.404968
Annual Perm 1_serv	BOBJ1	2	9.4	Before	Interior Girder 2	9.4	0.95	1	1	4.378155
Annual Perm 1_serv	BOBJ1	2	9.4	Before	Interior Girder 3	9.4	0.95	1	1	3.929334
Annual Perm 1_serv	BOBJ1	2	9.4	Before	Interior Girder 4	9.4	0.95	1	1	3.929334
Annual Perm 1_serv	BOBJ1	2	9.4	Before	Interior Girder 5	9.4	0.95	1	1	4.378155
Annual Perm 1_serv	BOBJ1	2	9.4	Before	Interior Girder 6	9.4	0.95	1	1	4.404968
Annual Perm 1_serv	BOBJ1	2	9.4	Before	Right Exterior Girder	9.4	0.95	1	1	5.819805
Annual Perm 1_serv	BOBJ1	3	9.4	After	Left Exterior Girder	9.4	0.95	1	1	5.857242
Annual Perm 1_serv	BOBJ1	3	9.4	After	Interior Girder 1	9.4	0.95	1	1	4.388972
Annual Perm 1_serv	BOBJ1	3	9.4	After	Interior Girder 2	9.4	0.95	1	1	4.495467
Annual Perm 1_serv	BOBJ1	3	9.4	After	Interior Girder 3	9.4	0.95	1	1	4.078774
Annual Perm 1_serv	BOBJ1	3	9.4	After	Interior Girder 4	9.4	0.95	1	1	4.078774
Annual Perm 1_serv	BOBJ1	3	9.4	After	Interior Girder 5	9.4	0.95	1	1	4.495467
Annual Perm 1_serv	BOBJ1	3	9.4	After	Interior Girder 6	9.4	0.95	1	1	4.388972
Annual Perm 1_serv	BOBJ1	3	9.4	After	Right Exterior Girder	9.4	0.95	1	1	5.857242
Annual Perm 1_serv	BOBJ1	4	18.8	Before	Left Exterior Girder	18.8	0.95	1	1	3.303359
Annual Perm 1_serv	BOBJ1	4	18.8	Before	Interior Girder 1	18.8	0.95	1	1	3.201003
Annual Perm 1_serv	BOBJ1	4	18.8	Before	Interior Girder 2	18.8	0.95	1	1	3.387948
Annual Perm 1_serv	BOBJ1	4	18.8	Before	Interior Girder 3	18.8	0.95	1	1	3.321093
Annual Perm 1_serv	BOBJ1	4	18.8	Before	Interior Girder 4	18.8	0.95	1	1	3.321093
Annual Perm 1_serv	BOBJ1	4	18.8	Before	Interior Girder 5	18.8	0.95	1	1	3.387948
Annual Perm 1_serv	BOBJ1	4	18.8	Before	Interior Girder 6	18.8	0.95	1	1	3.201003
Annual Perm 1_serv	BOBJ1	4	18.8	Before	Right Exterior Girder	18.8	0.95	1	1	3.303359

TABLE: Bridge Super Rating AASHTORATE18 31 - SteelICompServ-Flx - Approach, Span 7-11										
Request	BridgeObj	BridgeCut	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	Unitless	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Annual Perm 1_serv	BOBJ1	5	18.8	After	Left Exterior Girder	18.8	0.95	1	1	3.344773
Annual Perm 1_serv	BOBJ1	5	18.8	After	Interior Girder 1	18.8	0.95	1	1	3.169948
Annual Perm 1_serv	BOBJ1	5	18.8	After	Interior Girder 2	18.8	0.95	1	1	3.392894
Annual Perm 1_serv	BOBJ1	5	18.8	After	Interior Girder 3	18.8	0.95	1	1	3.348441
Annual Perm 1_serv	BOBJ1	5	18.8	After	Interior Girder 4	18.8	0.95	1	1	3.348441
Annual Perm 1_serv	BOBJ1	5	18.8	After	Interior Girder 5	18.8	0.95	1	1	3.392894
Annual Perm 1_serv	BOBJ1	5	18.8	After	Interior Girder 6	18.8	0.95	1	1	3.169948
Annual Perm 1_serv	BOBJ1	5	18.8	After	Right Exterior Girder	18.8	0.95	1	1	3.344773
Annual Perm 1_serv	BOBJ1	6	28.2	Before	Left Exterior Girder	28.2	0.95	1	1	3.676523
Annual Perm 1_serv	BOBJ1	6	28.2	Before	Interior Girder 1	28.2	0.95	1	1	3.079853
Annual Perm 1_serv	BOBJ1	6	28.2	Before	Interior Girder 2	28.2	0.95	1	1	3.235913
Annual Perm 1_serv	BOBJ1	6	28.2	Before	Interior Girder 3	28.2	0.95	1	1	3.021583
Annual Perm 1_serv	BOBJ1	6	28.2	Before	Interior Girder 4	28.2	0.95	1	1	3.021583
Annual Perm 1_serv	BOBJ1	6	28.2	Before	Interior Girder 5	28.2	0.95	1	1	3.235913
Annual Perm 1_serv	BOBJ1	6	28.2	Before	Interior Girder 6	28.2	0.95	1	1	3.079853
Annual Perm 1_serv	BOBJ1	6	28.2	Before	Right Exterior Girder	28.2	0.95	1	1	3.676523
Annual Perm 1_serv	BOBJ1	7	28.2	After	Left Exterior Girder	28.2	0.95	1	1	3.664522
Annual Perm 1_serv	BOBJ1	7	28.2	After	Interior Girder 1	28.2	0.95	1	1	3.088177
Annual Perm 1_serv	BOBJ1	7	28.2	After	Interior Girder 2	28.2	0.95	1	1	3.232773
Annual Perm 1_serv	BOBJ1	7	28.2	After	Interior Girder 3	28.2	0.95	1	1	3.001564
Annual Perm 1_serv	BOBJ1	7	28.2	After	Interior Girder 4	28.2	0.95	1	1	3.001564
Annual Perm 1_serv	BOBJ1	7	28.2	After	Interior Girder 5	28.2	0.95	1	1	3.232773
Annual Perm 1_serv	BOBJ1	7	28.2	After	Interior Girder 6	28.2	0.95	1	1	3.088177
Annual Perm 1_serv	BOBJ1	7	28.2	After	Right Exterior Girder	28.2	0.95	1	1	3.664522
Annual Perm 1_serv	BOBJ1	8	37.6	Before	Left Exterior Girder	37.6	0.95	1	1	5.096044
Annual Perm 1_serv	BOBJ1	8	37.6	Before	Interior Girder 1	37.6	0.95	1	1	4.573913
Annual Perm 1_serv	BOBJ1	8	37.6	Before	Interior Girder 2	37.6	0.95	1	1	4.723472
Annual Perm 1_serv	BOBJ1	8	37.6	Before	Interior Girder 3	37.6	0.95	1	1	4.664289
Annual Perm 1_serv	BOBJ1	8	37.6	Before	Interior Girder 4	37.6	0.95	1	1	4.664289
Annual Perm 1_serv	BOBJ1	8	37.6	Before	Interior Girder 5	37.6	0.95	1	1	4.723472
Annual Perm 1_serv	BOBJ1	8	37.6	Before	Interior Girder 6	37.6	0.95	1	1	4.573913
Annual Perm 1_serv	BOBJ1	8	37.6	Before	Right Exterior Girder	37.6	0.95	1	1	5.096044
Annual Perm 1_serv	BOBJ1	9	37.6	After	Left Exterior Girder	37.6	0.95	1	1	4.985298
Annual Perm 1_serv	BOBJ1	9	37.6	After	Interior Girder 1	37.6	0.95	1	1	4.652261
Annual Perm 1_serv	BOBJ1	9	37.6	After	Interior Girder 2	37.6	0.95	1	1	4.721729
Annual Perm 1_serv	BOBJ1	9	37.6	After	Interior Girder 3	37.6	0.95	1	1	4.597198
Annual Perm 1_serv	BOBJ1	9	37.6	After	Interior Girder 4	37.6	0.95	1	1	4.597198
Annual Perm 1_serv	BOBJ1	9	37.6	After	Interior Girder 5	37.6	0.95	1	1	4.721729
Annual Perm 1_serv	BOBJ1	9	37.6	After	Interior Girder 6	37.6	0.95	1	1	4.652261
Annual Perm 1_serv	BOBJ1	9	37.6	After	Right Exterior Girder	37.6	0.95	1	1	4.985298
Annual Perm 1_serv	BOBJ1	10	47.01	Before	Left Exterior Girder	47.01	0.95	1	1	4.171994
Annual Perm 1_serv	BOBJ1	10	47.01	Before	Interior Girder 1	47.01	0.95	1	1	4.315679
Annual Perm 1_serv	BOBJ1	10	47.01	Before	Interior Girder 2	47.01	0.95	1	1	4.633055
Annual Perm 1_serv	BOBJ1	10	47.01	Before	Interior Girder 3	47.01	0.95	1	1	4.388969
Annual Perm 1_serv	BOBJ1	10	47.01	Before	Interior Girder 4	47.01	0.95	1	1	4.388969
Annual Perm 1_serv	BOBJ1	10	47.01	Before	Interior Girder 5	47.01	0.95	1	1	4.633055
Annual Perm 1_serv	BOBJ1	10	47.01	Before	Interior Girder 6	47.01	0.95	1	1	4.315679
Annual Perm 1_serv	BOBJ1	10	47.01	Before	Right Exterior Girder	47.01	0.95	1	1	4.171994
Annual Perm 1_serv	BOBJ1	11	47.01	After	Left Exterior Girder	47.01	0.95	1	1	4.292908
Annual Perm 1_serv	BOBJ1	11	47.01	After	Interior Girder 1	47.01	0.95	1	1	4.267766
Annual Perm 1_serv	BOBJ1	11	47.01	After	Interior Girder 2	47.01	0.95	1	1	4.686977
Annual Perm 1_serv	BOBJ1	11	47.01	After	Interior Girder 3	47.01	0.95	1	1	4.540947
Annual Perm 1_serv	BOBJ1	11	47.01	After	Interior Girder 4	47.01	0.95	1	1	4.540947
Annual Perm 1_serv	BOBJ1	11	47.01	After	Interior Girder 5	47.01	0.95	1	1	4.686977
Annual Perm 1_serv	BOBJ1	11	47.01	After	Interior Girder 6	47.01	0.95	1	1	4.267766
Annual Perm 1_serv	BOBJ1	11	47.01	After	Right Exterior Girder	47.01	0.95	1	1	4.292908
Annual Perm 1_serv	BOBJ1	12	49.42	Before	Left Exterior Girder	49.42	0.95	1	1	3.318027
Annual Perm 1_serv	BOBJ1	12	49.42	Before	Right Exterior Girder	49.42	0.95	1	1	3.318027
Annual Perm 1_serv	BOBJ1	13	49.42	After	Left Exterior Girder	49.42	0.95	1	1	5.736034
Annual Perm 1_serv	BOBJ1	13	49.42	After	Right Exterior Girder	49.42	0.95	1	1	5.736034
Annual Perm 1_serv	BOBJ1	14	51.92	Before	Interior Girder 1	51.92	0.95	1	1	2.532487
Annual Perm 1_serv	BOBJ1	14	51.92	Before	Interior Girder 2	51.92	0.95	1	1	2.738021
Annual Perm 1_serv	BOBJ1	14	51.92	Before	Interior Girder 3	51.92	0.95	1	1	2.34277
Annual Perm 1_serv	BOBJ1	14	51.92	Before	Interior Girder 4	51.92	0.95	1	1	2.34277
Annual Perm 1_serv	BOBJ1	14	51.92	Before	Interior Girder 5	51.92	0.95	1	1	2.738021
Annual Perm 1_serv	BOBJ1	14	51.92	Before	Interior Girder 6	51.92	0.95	1	1	2.532487
Annual Perm 1_serv	BOBJ1	15	51.92	After	Interior Girder 1	51.92	0.95	1	1	3.102006
Annual Perm 1_serv	BOBJ1	15	51.92	After	Interior Girder 2	51.92	0.95	1	1	3.320618
Annual Perm 1_serv	BOBJ1	15	51.92	After	Interior Girder 3	51.92	0.95	1	1	2.883356
Annual Perm 1_serv	BOBJ1	15	51.92	After	Interior Girder 4	51.92	0.95	1	1	2.883356
Annual Perm 1_serv	BOBJ1	15	51.92	After	Interior Girder 5	51.92	0.95	1	1	3.320618
Annual Perm 1_serv	BOBJ1	15	51.92	After	Interior Girder 6	51.92	0.95	1	1	3.102006
Annual Perm 1_serv	BOBJ1	16	56.42	Before	Left Exterior Girder	56.42	0.95	1	1	2.75842

TABLE: Bridge Super Rating AASHTORATE18 31 - SteelICompServ-Flx - Approach, Span 7-11										
Request	BridgeObj	BridgeCut	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	Unitless	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Annual Perm 1_serv	BOBJ1	16	56.42	Before	Interior Girder 1	56.42	0.95	1	1	1.846842
Annual Perm 1_serv	BOBJ1	16	56.42	Before	Interior Girder 2	56.42	0.95	1	1	1.980496
Annual Perm 1_serv	BOBJ1	16	56.42	Before	Interior Girder 3	56.42	0.95	1	1	1.621464
Annual Perm 1_serv	BOBJ1	16	56.42	Before	Interior Girder 4	56.42	0.95	1	1	1.621464
Annual Perm 1_serv	BOBJ1	16	56.42	Before	Interior Girder 5	56.42	0.95	1	1	1.980496
Annual Perm 1_serv	BOBJ1	16	56.42	Before	Interior Girder 6	56.42	0.95	1	1	1.846842
Annual Perm 1_serv	BOBJ1	16	56.42	Before	Right Exterior Girder	56.42	0.95	1	1	2.75842
Annual Perm 1_serv	BOBJ1	17	56.42	After	Left Exterior Girder	0	0.95	1	1	2.740832
Annual Perm 1_serv	BOBJ1	17	56.42	After	Interior Girder 1	0	0.95	1	1	1.861013
Annual Perm 1_serv	BOBJ1	17	56.42	After	Interior Girder 2	0	0.95	1	1	1.995486
Annual Perm 1_serv	BOBJ1	17	56.42	After	Interior Girder 3	0	0.95	1	1	1.626266
Annual Perm 1_serv	BOBJ1	17	56.42	After	Interior Girder 4	0	0.95	1	1	1.626266
Annual Perm 1_serv	BOBJ1	17	56.42	After	Interior Girder 5	0	0.95	1	1	1.995486
Annual Perm 1_serv	BOBJ1	17	56.42	After	Interior Girder 6	0	0.95	1	1	1.861013
Annual Perm 1_serv	BOBJ1	17	56.42	After	Right Exterior Girder	0	0.95	1	1	2.740832
Annual Perm 1_serv	BOBJ1	18	60.92	Before	Interior Girder 1	4.5	0.95	1	1	3.070684
Annual Perm 1_serv	BOBJ1	18	60.92	Before	Interior Girder 2	4.5	0.95	1	1	3.264644
Annual Perm 1_serv	BOBJ1	18	60.92	Before	Interior Girder 3	4.5	0.95	1	1	2.807692
Annual Perm 1_serv	BOBJ1	18	60.92	Before	Interior Girder 4	4.5	0.95	1	1	2.807692
Annual Perm 1_serv	BOBJ1	18	60.92	Before	Interior Girder 5	4.5	0.95	1	1	3.264644
Annual Perm 1_serv	BOBJ1	18	60.92	Before	Interior Girder 6	4.5	0.95	1	1	3.070684
Annual Perm 1_serv	BOBJ1	19	60.92	After	Interior Girder 1	4.5	0.95	1	1	2.500882
Annual Perm 1_serv	BOBJ1	19	60.92	After	Interior Girder 2	4.5	0.95	1	1	2.696225
Annual Perm 1_serv	BOBJ1	19	60.92	After	Interior Girder 3	4.5	0.95	1	1	2.285042
Annual Perm 1_serv	BOBJ1	19	60.92	After	Interior Girder 4	4.5	0.95	1	1	2.285042
Annual Perm 1_serv	BOBJ1	19	60.92	After	Interior Girder 5	4.5	0.95	1	1	2.696225
Annual Perm 1_serv	BOBJ1	19	60.92	After	Interior Girder 6	4.5	0.95	1	1	2.500882
Annual Perm 1_serv	BOBJ1	20	63.42	Before	Left Exterior Girder	7	0.95	1	1	6.001774
Annual Perm 1_serv	BOBJ1	20	63.42	Before	Right Exterior Girder	7	0.95	1	1	6.001774
Annual Perm 1_serv	BOBJ1	21	63.42	After	Left Exterior Girder	7	0.95	1	1	3.454363
Annual Perm 1_serv	BOBJ1	21	63.42	After	Right Exterior Girder	7	0.95	1	1	3.454363
Annual Perm 1_serv	BOBJ1	22	64.845	Before	Left Exterior Girder	8.425	0.95	1	1	4.305049
Annual Perm 1_serv	BOBJ1	22	64.845	Before	Interior Girder 1	8.425	0.95	1	1	4.068384
Annual Perm 1_serv	BOBJ1	22	64.845	Before	Interior Girder 2	8.425	0.95	1	1	4.361962
Annual Perm 1_serv	BOBJ1	22	64.845	Before	Interior Girder 3	8.425	0.95	1	1	3.891303
Annual Perm 1_serv	BOBJ1	22	64.845	Before	Interior Girder 4	8.425	0.95	1	1	3.891303
Annual Perm 1_serv	BOBJ1	22	64.845	Before	Interior Girder 5	8.425	0.95	1	1	4.361962
Annual Perm 1_serv	BOBJ1	22	64.845	Before	Interior Girder 6	8.425	0.95	1	1	4.068384
Annual Perm 1_serv	BOBJ1	22	64.845	Before	Right Exterior Girder	8.425	0.95	1	1	4.305049
Annual Perm 1_serv	BOBJ1	23	64.845	After	Left Exterior Girder	8.425	0.95	1	1	4.231334
Annual Perm 1_serv	BOBJ1	23	64.845	After	Interior Girder 1	8.425	0.95	1	1	4.081082
Annual Perm 1_serv	BOBJ1	23	64.845	After	Interior Girder 2	8.425	0.95	1	1	4.322952
Annual Perm 1_serv	BOBJ1	23	64.845	After	Interior Girder 3	8.425	0.95	1	1	3.810839
Annual Perm 1_serv	BOBJ1	23	64.845	After	Interior Girder 4	8.425	0.95	1	1	3.810839
Annual Perm 1_serv	BOBJ1	23	64.845	After	Interior Girder 5	8.425	0.95	1	1	4.322952
Annual Perm 1_serv	BOBJ1	23	64.845	After	Interior Girder 6	8.425	0.95	1	1	4.081082
Annual Perm 1_serv	BOBJ1	23	64.845	After	Right Exterior Girder	8.425	0.95	1	1	4.231334
Annual Perm 1_serv	BOBJ1	24	69.92	Before	Left Exterior Girder	13.5	0.95	1	1	6.501229
Annual Perm 1_serv	BOBJ1	24	69.92	Before	Interior Girder 1	13.5	0.95	1	1	6.148176
Annual Perm 1_serv	BOBJ1	24	69.92	Before	Interior Girder 2	13.5	0.95	1	1	6.702592
Annual Perm 1_serv	BOBJ1	24	69.92	Before	Interior Girder 3	13.5	0.95	1	1	6.61703
Annual Perm 1_serv	BOBJ1	24	69.92	Before	Interior Girder 4	13.5	0.95	1	1	6.61703
Annual Perm 1_serv	BOBJ1	24	69.92	Before	Interior Girder 5	13.5	0.95	1	1	6.702592
Annual Perm 1_serv	BOBJ1	24	69.92	Before	Interior Girder 6	13.5	0.95	1	1	6.148176
Annual Perm 1_serv	BOBJ1	24	69.92	Before	Right Exterior Girder	13.5	0.95	1	1	6.501229
Annual Perm 1_serv	BOBJ1	25	69.92	After	Left Exterior Girder	13.5	0.95	1	1	5.57923
Annual Perm 1_serv	BOBJ1	25	69.92	After	Interior Girder 1	13.5	0.95	1	1	5.750869
Annual Perm 1_serv	BOBJ1	25	69.92	After	Interior Girder 2	13.5	0.95	1	1	6.267352
Annual Perm 1_serv	BOBJ1	25	69.92	After	Interior Girder 3	13.5	0.95	1	1	6.397425
Annual Perm 1_serv	BOBJ1	25	69.92	After	Interior Girder 4	13.5	0.95	1	1	6.397425
Annual Perm 1_serv	BOBJ1	25	69.92	After	Interior Girder 5	13.5	0.95	1	1	6.267352
Annual Perm 1_serv	BOBJ1	25	69.92	After	Interior Girder 6	13.5	0.95	1	1	5.750869
Annual Perm 1_serv	BOBJ1	25	69.92	After	Right Exterior Girder	13.5	0.95	1	1	5.57923
Annual Perm 1_serv	BOBJ1	26	73.27	Before	Left Exterior Girder	16.85	0.95	1	1	6.237171
Annual Perm 1_serv	BOBJ1	26	73.27	Before	Interior Girder 1	16.85	0.95	1	1	5.585645
Annual Perm 1_serv	BOBJ1	26	73.27	Before	Interior Girder 2	16.85	0.95	1	1	5.584118
Annual Perm 1_serv	BOBJ1	26	73.27	Before	Interior Girder 3	16.85	0.95	1	1	5.396539
Annual Perm 1_serv	BOBJ1	26	73.27	Before	Interior Girder 4	16.85	0.95	1	1	5.396539
Annual Perm 1_serv	BOBJ1	26	73.27	Before	Interior Girder 5	16.85	0.95	1	1	5.584118
Annual Perm 1_serv	BOBJ1	26	73.27	Before	Interior Girder 6	16.85	0.95	1	1	5.585645
Annual Perm 1_serv	BOBJ1	26	73.27	Before	Right Exterior Girder	16.85	0.95	1	1	6.237171
Annual Perm 1_serv	BOBJ1	27	73.27	After	Left Exterior Girder	16.85	0.95	1	1	6.396006
Annual Perm 1_serv	BOBJ1	27	73.27	After	Interior Girder 1	16.85	0.95	1	1	5.492979

TABLE: Bridge Super Rating AASHTORATE18 31 - SteelICompServ-Flx - Approach, Span 7-11										
Request	BridgeObj	BridgeCut	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	Unitless	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Annual Perm 1_serv	BOBJ1	27	73.27	After	Interior Girder 2	16.85	0.95	1	1	5.539143
Annual Perm 1_serv	BOBJ1	27	73.27	After	Interior Girder 3	16.85	0.95	1	1	5.407353
Annual Perm 1_serv	BOBJ1	27	73.27	After	Interior Girder 4	16.85	0.95	1	1	5.407353
Annual Perm 1_serv	BOBJ1	27	73.27	After	Interior Girder 5	16.85	0.95	1	1	5.539143
Annual Perm 1_serv	BOBJ1	27	73.27	After	Interior Girder 6	16.85	0.95	1	1	5.492979
Annual Perm 1_serv	BOBJ1	27	73.27	After	Right Exterior Girder	16.85	0.95	1	1	6.396006
Annual Perm 1_serv	BOBJ1	28	81.695	Before	Left Exterior Girder	25.275	0.95	1	1	3.818525
Annual Perm 1_serv	BOBJ1	28	81.695	Before	Interior Girder 1	25.275	0.95	1	1	3.355653
Annual Perm 1_serv	BOBJ1	28	81.695	Before	Interior Girder 2	25.275	0.95	1	1	3.527092
Annual Perm 1_serv	BOBJ1	28	81.695	Before	Interior Girder 3	25.275	0.95	1	1	3.305052
Annual Perm 1_serv	BOBJ1	28	81.695	Before	Interior Girder 4	25.275	0.95	1	1	3.305052
Annual Perm 1_serv	BOBJ1	28	81.695	Before	Interior Girder 5	25.275	0.95	1	1	3.527092
Annual Perm 1_serv	BOBJ1	28	81.695	Before	Interior Girder 6	25.275	0.95	1	1	3.355653
Annual Perm 1_serv	BOBJ1	28	81.695	Before	Right Exterior Girder	25.275	0.95	1	1	3.818525
Annual Perm 1_serv	BOBJ1	29	81.695	After	Left Exterior Girder	25.275	0.95	1	1	3.884788
Annual Perm 1_serv	BOBJ1	29	81.695	After	Interior Girder 1	25.275	0.95	1	1	3.330232
Annual Perm 1_serv	BOBJ1	29	81.695	After	Interior Girder 2	25.275	0.95	1	1	3.514928
Annual Perm 1_serv	BOBJ1	29	81.695	After	Interior Girder 3	25.275	0.95	1	1	3.336419
Annual Perm 1_serv	BOBJ1	29	81.695	After	Interior Girder 4	25.275	0.95	1	1	3.336419
Annual Perm 1_serv	BOBJ1	29	81.695	After	Interior Girder 5	25.275	0.95	1	1	3.514928
Annual Perm 1_serv	BOBJ1	29	81.695	After	Interior Girder 6	25.275	0.95	1	1	3.330232
Annual Perm 1_serv	BOBJ1	29	81.695	After	Right Exterior Girder	25.275	0.95	1	1	3.884788
Annual Perm 1_serv	BOBJ1	30	90.12	Before	Left Exterior Girder	33.7	0.95	1	1	3.133848
Annual Perm 1_serv	BOBJ1	30	90.12	Before	Interior Girder 1	33.7	0.95	1	1	3.185703
Annual Perm 1_serv	BOBJ1	30	90.12	Before	Interior Girder 2	33.7	0.95	1	1	3.430273
Annual Perm 1_serv	BOBJ1	30	90.12	Before	Interior Girder 3	33.7	0.95	1	1	3.44475
Annual Perm 1_serv	BOBJ1	30	90.12	Before	Interior Girder 4	33.7	0.95	1	1	3.44475
Annual Perm 1_serv	BOBJ1	30	90.12	Before	Interior Girder 5	33.7	0.95	1	1	3.430273
Annual Perm 1_serv	BOBJ1	30	90.12	Before	Interior Girder 6	33.7	0.95	1	1	3.185703
Annual Perm 1_serv	BOBJ1	30	90.12	Before	Right Exterior Girder	33.7	0.95	1	1	3.133848
Annual Perm 1_serv	BOBJ1	31	90.12	After	Left Exterior Girder	33.7	0.95	1	1	3.140414
Annual Perm 1_serv	BOBJ1	31	90.12	After	Interior Girder 1	33.7	0.95	1	1	3.188018
Annual Perm 1_serv	BOBJ1	31	90.12	After	Interior Girder 2	33.7	0.95	1	1	3.424363
Annual Perm 1_serv	BOBJ1	31	90.12	After	Interior Girder 3	33.7	0.95	1	1	3.443809
Annual Perm 1_serv	BOBJ1	31	90.12	After	Interior Girder 4	33.7	0.95	1	1	3.443809
Annual Perm 1_serv	BOBJ1	31	90.12	After	Interior Girder 5	33.7	0.95	1	1	3.424363
Annual Perm 1_serv	BOBJ1	31	90.12	After	Interior Girder 6	33.7	0.95	1	1	3.188018
Annual Perm 1_serv	BOBJ1	31	90.12	After	Right Exterior Girder	33.7	0.95	1	1	3.140414
Annual Perm 1_serv	BOBJ1	32	98.545	Before	Left Exterior Girder	42.125	0.95	1	1	3.777662
Annual Perm 1_serv	BOBJ1	32	98.545	Before	Interior Girder 1	42.125	0.95	1	1	3.285791
Annual Perm 1_serv	BOBJ1	32	98.545	Before	Interior Girder 2	42.125	0.95	1	1	3.487877
Annual Perm 1_serv	BOBJ1	32	98.545	Before	Interior Girder 3	42.125	0.95	1	1	3.323079
Annual Perm 1_serv	BOBJ1	32	98.545	Before	Interior Girder 4	42.125	0.95	1	1	3.323079
Annual Perm 1_serv	BOBJ1	32	98.545	Before	Interior Girder 5	42.125	0.95	1	1	3.487877
Annual Perm 1_serv	BOBJ1	32	98.545	Before	Interior Girder 6	42.125	0.95	1	1	3.285791
Annual Perm 1_serv	BOBJ1	32	98.545	Before	Right Exterior Girder	42.125	0.95	1	1	3.777662
Annual Perm 1_serv	BOBJ1	33	98.545	After	Left Exterior Girder	42.125	0.95	1	1	3.722994
Annual Perm 1_serv	BOBJ1	33	98.545	After	Interior Girder 1	42.125	0.95	1	1	3.306946
Annual Perm 1_serv	BOBJ1	33	98.545	After	Interior Girder 2	42.125	0.95	1	1	3.497622
Annual Perm 1_serv	BOBJ1	33	98.545	After	Interior Girder 3	42.125	0.95	1	1	3.292401
Annual Perm 1_serv	BOBJ1	33	98.545	After	Interior Girder 4	42.125	0.95	1	1	3.292401
Annual Perm 1_serv	BOBJ1	33	98.545	After	Interior Girder 5	42.125	0.95	1	1	3.497622
Annual Perm 1_serv	BOBJ1	33	98.545	After	Interior Girder 6	42.125	0.95	1	1	3.306946
Annual Perm 1_serv	BOBJ1	33	98.545	After	Right Exterior Girder	42.125	0.95	1	1	3.722994
Annual Perm 1_serv	BOBJ1	34	106.97	Before	Left Exterior Girder	50.55	0.95	1	1	5.85221
Annual Perm 1_serv	BOBJ1	34	106.97	Before	Interior Girder 1	50.55	0.95	1	1	5.296019
Annual Perm 1_serv	BOBJ1	34	106.97	Before	Interior Girder 2	50.55	0.95	1	1	5.397975
Annual Perm 1_serv	BOBJ1	34	106.97	Before	Interior Girder 3	50.55	0.95	1	1	5.288217
Annual Perm 1_serv	BOBJ1	34	106.97	Before	Interior Girder 4	50.55	0.95	1	1	5.288217
Annual Perm 1_serv	BOBJ1	34	106.97	Before	Interior Girder 5	50.55	0.95	1	1	5.397975
Annual Perm 1_serv	BOBJ1	34	106.97	Before	Interior Girder 6	50.55	0.95	1	1	5.296019
Annual Perm 1_serv	BOBJ1	34	106.97	Before	Right Exterior Girder	50.55	0.95	1	1	5.85221
Annual Perm 1_serv	BOBJ1	35	106.97	After	Left Exterior Girder	50.55	0.95	1	1	5.82651
Annual Perm 1_serv	BOBJ1	35	106.97	After	Interior Girder 1	50.55	0.95	1	1	5.379913
Annual Perm 1_serv	BOBJ1	35	106.97	After	Interior Girder 2	50.55	0.95	1	1	5.410366
Annual Perm 1_serv	BOBJ1	35	106.97	After	Interior Girder 3	50.55	0.95	1	1	5.188246
Annual Perm 1_serv	BOBJ1	35	106.97	After	Interior Girder 4	50.55	0.95	1	1	5.188246
Annual Perm 1_serv	BOBJ1	35	106.97	After	Interior Girder 5	50.55	0.95	1	1	5.410366
Annual Perm 1_serv	BOBJ1	35	106.97	After	Interior Girder 6	50.55	0.95	1	1	5.379913
Annual Perm 1_serv	BOBJ1	35	106.97	After	Right Exterior Girder	50.55	0.95	1	1	5.82651
Annual Perm 1_serv	BOBJ1	36	115.405	Before	Left Exterior Girder	58.985	0.95	1	1	3.390893
Annual Perm 1_serv	BOBJ1	36	115.405	Before	Interior Girder 1	58.985	0.95	1	1	3.639757
Annual Perm 1_serv	BOBJ1	36	115.405	Before	Interior Girder 2	58.985	0.95	1	1	3.917991

TABLE: Bridge Super Rating AASHTORATE18 31 - SteelICompServ-Flx - Approach, Span 7-11										
Request	BridgeObj	BridgeCut	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	Unitless	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Annual Perm 1_serv	BOBJ1	36	115.405	Before	Interior Girder 3	58.985	0.95	1	1	3.517013
Annual Perm 1_serv	BOBJ1	36	115.405	Before	Interior Girder 4	58.985	0.95	1	1	3.517013
Annual Perm 1_serv	BOBJ1	36	115.405	Before	Interior Girder 5	58.985	0.95	1	1	3.917991
Annual Perm 1_serv	BOBJ1	36	115.405	Before	Interior Girder 6	58.985	0.95	1	1	3.639757
Annual Perm 1_serv	BOBJ1	36	115.405	Before	Right Exterior Girder	58.985	0.95	1	1	3.390893
Annual Perm 1_serv	BOBJ1	37	115.405	After	Left Exterior Girder	58.985	0.95	1	1	3.523399
Annual Perm 1_serv	BOBJ1	37	115.405	After	Interior Girder 1	58.985	0.95	1	1	3.57502
Annual Perm 1_serv	BOBJ1	37	115.405	After	Interior Girder 2	58.985	0.95	1	1	3.971751
Annual Perm 1_serv	BOBJ1	37	115.405	After	Interior Girder 3	58.985	0.95	1	1	3.639673
Annual Perm 1_serv	BOBJ1	37	115.405	After	Interior Girder 4	58.985	0.95	1	1	3.639673
Annual Perm 1_serv	BOBJ1	37	115.405	After	Interior Girder 5	58.985	0.95	1	1	3.971751
Annual Perm 1_serv	BOBJ1	37	115.405	After	Interior Girder 6	58.985	0.95	1	1	3.57502
Annual Perm 1_serv	BOBJ1	37	115.405	After	Right Exterior Girder	58.985	0.95	1	1	3.523399
Annual Perm 1_serv	BOBJ1	38	116.34	Before	Left Exterior Girder	59.92	0.95	1	1	3.024423
Annual Perm 1_serv	BOBJ1	38	116.34	Before	Right Exterior Girder	59.92	0.95	1	1	3.024423
Annual Perm 1_serv	BOBJ1	39	116.34	After	Left Exterior Girder	59.92	0.95	1	1	6.006133
Annual Perm 1_serv	BOBJ1	39	116.34	After	Right Exterior Girder	59.92	0.95	1	1	6.006133
Annual Perm 1_serv	BOBJ1	40	118.84	Before	Interior Girder 1	62.42	0.95	1	1	2.402867
Annual Perm 1_serv	BOBJ1	40	118.84	Before	Interior Girder 2	62.42	0.95	1	1	2.652094
Annual Perm 1_serv	BOBJ1	40	118.84	Before	Interior Girder 3	62.42	0.95	1	1	2.285442
Annual Perm 1_serv	BOBJ1	40	118.84	Before	Interior Girder 4	62.42	0.95	1	1	2.285442
Annual Perm 1_serv	BOBJ1	40	118.84	Before	Interior Girder 5	62.42	0.95	1	1	2.652094
Annual Perm 1_serv	BOBJ1	40	118.84	Before	Interior Girder 6	62.42	0.95	1	1	2.402867
Annual Perm 1_serv	BOBJ1	41	118.84	After	Interior Girder 1	62.42	0.95	1	1	3.356183
Annual Perm 1_serv	BOBJ1	41	118.84	After	Interior Girder 2	62.42	0.95	1	1	3.641256
Annual Perm 1_serv	BOBJ1	41	118.84	After	Interior Girder 3	62.42	0.95	1	1	3.191891
Annual Perm 1_serv	BOBJ1	41	118.84	After	Interior Girder 4	62.42	0.95	1	1	3.191891
Annual Perm 1_serv	BOBJ1	41	118.84	After	Interior Girder 5	62.42	0.95	1	1	3.641256
Annual Perm 1_serv	BOBJ1	41	118.84	After	Interior Girder 6	62.42	0.95	1	1	3.356183
Annual Perm 1_serv	BOBJ1	42	123.84	Before	Left Exterior Girder	67.42	0.95	1	1	2.687934
Annual Perm 1_serv	BOBJ1	42	123.84	Before	Interior Girder 1	67.42	0.95	1	1	1.944696
Annual Perm 1_serv	BOBJ1	42	123.84	Before	Interior Girder 2	67.42	0.95	1	1	2.12317
Annual Perm 1_serv	BOBJ1	42	123.84	Before	Interior Girder 3	67.42	0.95	1	1	1.749642
Annual Perm 1_serv	BOBJ1	42	123.84	Before	Interior Girder 4	67.42	0.95	1	1	1.749642
Annual Perm 1_serv	BOBJ1	42	123.84	Before	Interior Girder 5	67.42	0.95	1	1	2.12317
Annual Perm 1_serv	BOBJ1	42	123.84	Before	Interior Girder 6	67.42	0.95	1	1	1.944696
Annual Perm 1_serv	BOBJ1	42	123.84	Before	Right Exterior Girder	67.42	0.95	1	1	2.687934
Annual Perm 1_serv	BOBJ1	43	123.84	After	Left Exterior Girder	0	0.95	1	1	2.67638
Annual Perm 1_serv	BOBJ1	43	123.84	After	Interior Girder 1	0	0.95	1	1	1.949055
Annual Perm 1_serv	BOBJ1	43	123.84	After	Interior Girder 2	0	0.95	1	1	2.125389
Annual Perm 1_serv	BOBJ1	43	123.84	After	Interior Girder 3	0	0.95	1	1	1.748259
Annual Perm 1_serv	BOBJ1	43	123.84	After	Interior Girder 4	0	0.95	1	1	1.748259
Annual Perm 1_serv	BOBJ1	43	123.84	After	Interior Girder 5	0	0.95	1	1	2.125389
Annual Perm 1_serv	BOBJ1	43	123.84	After	Interior Girder 6	0	0.95	1	1	1.949055
Annual Perm 1_serv	BOBJ1	43	123.84	After	Right Exterior Girder	0	0.95	1	1	2.67638
Annual Perm 1_serv	BOBJ1	44	128.84	Before	Interior Girder 1	5	0.95	1	1	3.365834
Annual Perm 1_serv	BOBJ1	44	128.84	Before	Interior Girder 2	5	0.95	1	1	3.649993
Annual Perm 1_serv	BOBJ1	44	128.84	Before	Interior Girder 3	5	0.95	1	1	3.190784
Annual Perm 1_serv	BOBJ1	44	128.84	Before	Interior Girder 4	5	0.95	1	1	3.190784
Annual Perm 1_serv	BOBJ1	44	128.84	Before	Interior Girder 5	5	0.95	1	1	3.649993
Annual Perm 1_serv	BOBJ1	44	128.84	Before	Interior Girder 6	5	0.95	1	1	3.365834
Annual Perm 1_serv	BOBJ1	45	128.84	After	Interior Girder 1	5	0.95	1	1	2.410438
Annual Perm 1_serv	BOBJ1	45	128.84	After	Interior Girder 2	5	0.95	1	1	2.659958
Annual Perm 1_serv	BOBJ1	45	128.84	After	Interior Girder 3	5	0.95	1	1	2.285962
Annual Perm 1_serv	BOBJ1	45	128.84	After	Interior Girder 4	5	0.95	1	1	2.285962
Annual Perm 1_serv	BOBJ1	45	128.84	After	Interior Girder 5	5	0.95	1	1	2.659958
Annual Perm 1_serv	BOBJ1	45	128.84	After	Interior Girder 6	5	0.95	1	1	2.410438
Annual Perm 1_serv	BOBJ1	46	131.34	Before	Left Exterior Girder	7.5	0.95	1	1	6.060239
Annual Perm 1_serv	BOBJ1	46	131.34	Before	Right Exterior Girder	7.5	0.95	1	1	6.060239
Annual Perm 1_serv	BOBJ1	47	131.34	After	Left Exterior Girder	7.5	0.95	1	1	3.053935
Annual Perm 1_serv	BOBJ1	47	131.34	After	Right Exterior Girder	7.5	0.95	1	1	3.053935
Annual Perm 1_serv	BOBJ1	48	132.265	Before	Left Exterior Girder	8.425	0.95	1	1	3.563813
Annual Perm 1_serv	BOBJ1	48	132.265	Before	Interior Girder 1	8.425	0.95	1	1	3.602125
Annual Perm 1_serv	BOBJ1	48	132.265	Before	Interior Girder 2	8.425	0.95	1	1	3.997697
Annual Perm 1_serv	BOBJ1	48	132.265	Before	Interior Girder 3	8.425	0.95	1	1	3.637555
Annual Perm 1_serv	BOBJ1	48	132.265	Before	Interior Girder 4	8.425	0.95	1	1	3.637555
Annual Perm 1_serv	BOBJ1	48	132.265	Before	Interior Girder 5	8.425	0.95	1	1	3.997697
Annual Perm 1_serv	BOBJ1	48	132.265	Before	Interior Girder 6	8.425	0.95	1	1	3.602125
Annual Perm 1_serv	BOBJ1	48	132.265	Before	Right Exterior Girder	8.425	0.95	1	1	3.563813
Annual Perm 1_serv	BOBJ1	49	132.265	After	Left Exterior Girder	8.425	0.95	1	1	3.426181
Annual Perm 1_serv	BOBJ1	49	132.265	After	Interior Girder 1	8.425	0.95	1	1	3.670279
Annual Perm 1_serv	BOBJ1	49	132.265	After	Interior Girder 2	8.425	0.95	1	1	3.942665
Annual Perm 1_serv	BOBJ1	49	132.265	After	Interior Girder 3	8.425	0.95	1	1	3.517153

TABLE: Bridge Super Rating AASHTORATE18 31 - SteelICompServ-Flx - Approach, Span 7-11										
Request	BridgeObj	BridgeCut	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	Unitless	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Annual Perm 1_serv	BOBJ1	49	132.265	After	Interior Girder 4	8.425	0.95	1	1	3.517153
Annual Perm 1_serv	BOBJ1	49	132.265	After	Interior Girder 5	8.425	0.95	1	1	3.942665
Annual Perm 1_serv	BOBJ1	49	132.265	After	Interior Girder 6	8.425	0.95	1	1	3.670279
Annual Perm 1_serv	BOBJ1	49	132.265	After	Right Exterior Girder	8.425	0.95	1	1	3.426181
Annual Perm 1_serv	BOBJ1	50	140.69	Before	Left Exterior Girder	16.85	0.95	1	1	5.889837
Annual Perm 1_serv	BOBJ1	50	140.69	Before	Interior Girder 1	16.85	0.95	1	1	5.395898
Annual Perm 1_serv	BOBJ1	50	140.69	Before	Interior Girder 2	16.85	0.95	1	1	5.425503
Annual Perm 1_serv	BOBJ1	50	140.69	Before	Interior Girder 3	16.85	0.95	1	1	5.203047
Annual Perm 1_serv	BOBJ1	50	140.69	Before	Interior Girder 4	16.85	0.95	1	1	5.203047
Annual Perm 1_serv	BOBJ1	50	140.69	Before	Interior Girder 5	16.85	0.95	1	1	5.425503
Annual Perm 1_serv	BOBJ1	50	140.69	Before	Interior Girder 6	16.85	0.95	1	1	5.395898
Annual Perm 1_serv	BOBJ1	50	140.69	Before	Right Exterior Girder	16.85	0.95	1	1	5.889837
Annual Perm 1_serv	BOBJ1	51	140.69	After	Left Exterior Girder	16.85	0.95	1	1	5.998974
Annual Perm 1_serv	BOBJ1	51	140.69	After	Interior Girder 1	16.85	0.95	1	1	5.312176
Annual Perm 1_serv	BOBJ1	51	140.69	After	Interior Girder 2	16.85	0.95	1	1	5.41196
Annual Perm 1_serv	BOBJ1	51	140.69	After	Interior Girder 3	16.85	0.95	1	1	5.302082
Annual Perm 1_serv	BOBJ1	51	140.69	After	Interior Girder 4	16.85	0.95	1	1	5.302082
Annual Perm 1_serv	BOBJ1	51	140.69	After	Interior Girder 5	16.85	0.95	1	1	5.41196
Annual Perm 1_serv	BOBJ1	51	140.69	After	Interior Girder 6	16.85	0.95	1	1	5.312176
Annual Perm 1_serv	BOBJ1	51	140.69	After	Right Exterior Girder	16.85	0.95	1	1	5.998974
Annual Perm 1_serv	BOBJ1	52	149.115	Before	Left Exterior Girder	25.275	0.95	1	1	3.707087
Annual Perm 1_serv	BOBJ1	52	149.115	Before	Interior Girder 1	25.275	0.95	1	1	3.29012
Annual Perm 1_serv	BOBJ1	52	149.115	Before	Interior Girder 2	25.275	0.95	1	1	3.485129
Annual Perm 1_serv	BOBJ1	52	149.115	Before	Interior Girder 3	25.275	0.95	1	1	3.288285
Annual Perm 1_serv	BOBJ1	52	149.115	Before	Interior Girder 4	25.275	0.95	1	1	3.288285
Annual Perm 1_serv	BOBJ1	52	149.115	Before	Interior Girder 5	25.275	0.95	1	1	3.485129
Annual Perm 1_serv	BOBJ1	52	149.115	Before	Interior Girder 6	25.275	0.95	1	1	3.29012
Annual Perm 1_serv	BOBJ1	52	149.115	Before	Right Exterior Girder	25.275	0.95	1	1	3.707087
Annual Perm 1_serv	BOBJ1	53	149.115	After	Left Exterior Girder	25.275	0.95	1	1	3.764723
Annual Perm 1_serv	BOBJ1	53	149.115	After	Interior Girder 1	25.275	0.95	1	1	3.269347
Annual Perm 1_serv	BOBJ1	53	149.115	After	Interior Girder 2	25.275	0.95	1	1	3.473781
Annual Perm 1_serv	BOBJ1	53	149.115	After	Interior Girder 3	25.275	0.95	1	1	3.318487
Annual Perm 1_serv	BOBJ1	53	149.115	After	Interior Girder 4	25.275	0.95	1	1	3.318487
Annual Perm 1_serv	BOBJ1	53	149.115	After	Interior Girder 5	25.275	0.95	1	1	3.473781
Annual Perm 1_serv	BOBJ1	53	149.115	After	Interior Girder 6	25.275	0.95	1	1	3.269347
Annual Perm 1_serv	BOBJ1	53	149.115	After	Right Exterior Girder	25.275	0.95	1	1	3.764723
Annual Perm 1_serv	BOBJ1	54	157.54	Before	Left Exterior Girder	33.7	0.95	1	1	3.089885
Annual Perm 1_serv	BOBJ1	54	157.54	Before	Interior Girder 1	33.7	0.95	1	1	3.144274
Annual Perm 1_serv	BOBJ1	54	157.54	Before	Interior Girder 2	33.7	0.95	1	1	3.397573
Annual Perm 1_serv	BOBJ1	54	157.54	Before	Interior Girder 3	33.7	0.95	1	1	3.430783
Annual Perm 1_serv	BOBJ1	54	157.54	Before	Interior Girder 4	33.7	0.95	1	1	3.430783
Annual Perm 1_serv	BOBJ1	54	157.54	Before	Interior Girder 5	33.7	0.95	1	1	3.397573
Annual Perm 1_serv	BOBJ1	54	157.54	Before	Interior Girder 6	33.7	0.95	1	1	3.144274
Annual Perm 1_serv	BOBJ1	54	157.54	Before	Right Exterior Girder	33.7	0.95	1	1	3.089885
Annual Perm 1_serv	BOBJ1	55	157.54	After	Left Exterior Girder	33.7	0.95	1	1	3.090302
Annual Perm 1_serv	BOBJ1	55	157.54	After	Interior Girder 1	33.7	0.95	1	1	3.14459
Annual Perm 1_serv	BOBJ1	55	157.54	After	Interior Girder 2	33.7	0.95	1	1	3.397458
Annual Perm 1_serv	BOBJ1	55	157.54	After	Interior Girder 3	33.7	0.95	1	1	3.430703
Annual Perm 1_serv	BOBJ1	55	157.54	After	Interior Girder 4	33.7	0.95	1	1	3.430703
Annual Perm 1_serv	BOBJ1	55	157.54	After	Interior Girder 5	33.7	0.95	1	1	3.397458
Annual Perm 1_serv	BOBJ1	55	157.54	After	Interior Girder 6	33.7	0.95	1	1	3.14459
Annual Perm 1_serv	BOBJ1	55	157.54	After	Right Exterior Girder	33.7	0.95	1	1	3.090302
Annual Perm 1_serv	BOBJ1	56	165.965	Before	Left Exterior Girder	42.125	0.95	1	1	3.761634
Annual Perm 1_serv	BOBJ1	56	165.965	Before	Interior Girder 1	42.125	0.95	1	1	3.268035
Annual Perm 1_serv	BOBJ1	56	165.965	Before	Interior Girder 2	42.125	0.95	1	1	3.472469
Annual Perm 1_serv	BOBJ1	56	165.965	Before	Interior Girder 3	42.125	0.95	1	1	3.317094
Annual Perm 1_serv	BOBJ1	56	165.965	Before	Interior Girder 4	42.125	0.95	1	1	3.317094
Annual Perm 1_serv	BOBJ1	56	165.965	Before	Interior Girder 5	42.125	0.95	1	1	3.472469
Annual Perm 1_serv	BOBJ1	56	165.965	Before	Interior Girder 6	42.125	0.95	1	1	3.268035
Annual Perm 1_serv	BOBJ1	56	165.965	Before	Right Exterior Girder	42.125	0.95	1	1	3.761634
Annual Perm 1_serv	BOBJ1	57	165.965	After	Left Exterior Girder	42.125	0.95	1	1	3.704458
Annual Perm 1_serv	BOBJ1	57	165.965	After	Interior Girder 1	42.125	0.95	1	1	3.288676
Annual Perm 1_serv	BOBJ1	57	165.965	After	Interior Girder 2	42.125	0.95	1	1	3.483819
Annual Perm 1_serv	BOBJ1	57	165.965	After	Interior Girder 3	42.125	0.95	1	1	3.287044
Annual Perm 1_serv	BOBJ1	57	165.965	After	Interior Girder 4	42.125	0.95	1	1	3.287044
Annual Perm 1_serv	BOBJ1	57	165.965	After	Interior Girder 5	42.125	0.95	1	1	3.483819
Annual Perm 1_serv	BOBJ1	57	165.965	After	Interior Girder 6	42.125	0.95	1	1	3.288676
Annual Perm 1_serv	BOBJ1	57	165.965	After	Right Exterior Girder	42.125	0.95	1	1	3.704458
Annual Perm 1_serv	BOBJ1	58	174.39	Before	Left Exterior Girder	50.55	0.95	1	1	6.004677
Annual Perm 1_serv	BOBJ1	58	174.39	Before	Interior Girder 1	50.55	0.95	1	1	5.306064
Annual Perm 1_serv	BOBJ1	58	174.39	Before	Interior Girder 2	50.55	0.95	1	1	5.406606
Annual Perm 1_serv	BOBJ1	58	174.39	Before	Interior Girder 3	50.55	0.95	1	1	5.296504
Annual Perm 1_serv	BOBJ1	58	174.39	Before	Interior Girder 4	50.55	0.95	1	1	5.296504

TABLE: Bridge Super Rating AASHTORATE18 31 - SteelICompServ-Flx - Approach, Span 7-11										
Request	BridgeObj	BridgeCut	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	Unitless	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Annual Perm 1_serv	BOBJ1	58	174.39	Before	Interior Girder 5	50.55	0.95	1	1	5.406606
Annual Perm 1_serv	BOBJ1	58	174.39	Before	Interior Girder 6	50.55	0.95	1	1	5.306064
Annual Perm 1_serv	BOBJ1	58	174.39	Before	Right Exterior Girder	50.55	0.95	1	1	6.004677
Annual Perm 1_serv	BOBJ1	59	174.39	After	Left Exterior Girder	50.55	0.95	1	1	5.877592
Annual Perm 1_serv	BOBJ1	59	174.39	After	Interior Girder 1	50.55	0.95	1	1	5.389808
Annual Perm 1_serv	BOBJ1	59	174.39	After	Interior Girder 2	50.55	0.95	1	1	5.420232
Annual Perm 1_serv	BOBJ1	59	174.39	After	Interior Girder 3	50.55	0.95	1	1	5.197744
Annual Perm 1_serv	BOBJ1	59	174.39	After	Interior Girder 4	50.55	0.95	1	1	5.197744
Annual Perm 1_serv	BOBJ1	59	174.39	After	Interior Girder 5	50.55	0.95	1	1	5.420232
Annual Perm 1_serv	BOBJ1	59	174.39	After	Interior Girder 6	50.55	0.95	1	1	5.389808
Annual Perm 1_serv	BOBJ1	59	174.39	After	Right Exterior Girder	50.55	0.95	1	1	5.877592
Annual Perm 1_serv	BOBJ1	60	182.825	Before	Left Exterior Girder	58.985	0.95	1	1	3.432298
Annual Perm 1_serv	BOBJ1	60	182.825	Before	Interior Girder 1	58.985	0.95	1	1	3.670492
Annual Perm 1_serv	BOBJ1	60	182.825	Before	Interior Girder 2	58.985	0.95	1	1	3.941681
Annual Perm 1_serv	BOBJ1	60	182.825	Before	Interior Girder 3	58.985	0.95	1	1	3.521478
Annual Perm 1_serv	BOBJ1	60	182.825	Before	Interior Girder 4	58.985	0.95	1	1	3.521478
Annual Perm 1_serv	BOBJ1	60	182.825	Before	Interior Girder 5	58.985	0.95	1	1	3.941681
Annual Perm 1_serv	BOBJ1	60	182.825	Before	Interior Girder 6	58.985	0.95	1	1	3.670492
Annual Perm 1_serv	BOBJ1	60	182.825	Before	Right Exterior Girder	58.985	0.95	1	1	3.432298
Annual Perm 1_serv	BOBJ1	61	182.825	After	Left Exterior Girder	58.985	0.95	1	1	3.569794
Annual Perm 1_serv	BOBJ1	61	182.825	After	Interior Girder 1	58.985	0.95	1	1	3.602519
Annual Perm 1_serv	BOBJ1	61	182.825	After	Interior Girder 2	58.985	0.95	1	1	3.996408
Annual Perm 1_serv	BOBJ1	61	182.825	After	Interior Girder 3	58.985	0.95	1	1	3.642407
Annual Perm 1_serv	BOBJ1	61	182.825	After	Interior Girder 4	58.985	0.95	1	1	3.642407
Annual Perm 1_serv	BOBJ1	61	182.825	After	Interior Girder 5	58.985	0.95	1	1	3.996408
Annual Perm 1_serv	BOBJ1	61	182.825	After	Interior Girder 6	58.985	0.95	1	1	3.602519
Annual Perm 1_serv	BOBJ1	61	182.825	After	Right Exterior Girder	58.985	0.95	1	1	3.569794
Annual Perm 1_serv	BOBJ1	62	183.76	Before	Left Exterior Girder	59.92	0.95	1	1	3.045363
Annual Perm 1_serv	BOBJ1	62	183.76	Before	Right Exterior Girder	59.92	0.95	1	1	3.045363
Annual Perm 1_serv	BOBJ1	63	183.76	After	Left Exterior Girder	59.92	0.95	1	1	6.047829
Annual Perm 1_serv	BOBJ1	63	183.76	After	Right Exterior Girder	59.92	0.95	1	1	6.047829
Annual Perm 1_serv	BOBJ1	64	186.26	Before	Interior Girder 1	62.42	0.95	1	1	2.406924
Annual Perm 1_serv	BOBJ1	64	186.26	Before	Interior Girder 2	62.42	0.95	1	1	2.655392
Annual Perm 1_serv	BOBJ1	64	186.26	Before	Interior Girder 3	62.42	0.95	1	1	2.286124
Annual Perm 1_serv	BOBJ1	64	186.26	Before	Interior Girder 4	62.42	0.95	1	1	2.286124
Annual Perm 1_serv	BOBJ1	64	186.26	Before	Interior Girder 5	62.42	0.95	1	1	2.655392
Annual Perm 1_serv	BOBJ1	64	186.26	Before	Interior Girder 6	62.42	0.95	1	1	2.406924
Annual Perm 1_serv	BOBJ1	65	186.26	After	Interior Girder 1	62.42	0.95	1	1	3.361581
Annual Perm 1_serv	BOBJ1	65	186.26	After	Interior Girder 2	62.42	0.95	1	1	3.643991
Annual Perm 1_serv	BOBJ1	65	186.26	After	Interior Girder 3	62.42	0.95	1	1	3.191359
Annual Perm 1_serv	BOBJ1	65	186.26	After	Interior Girder 4	62.42	0.95	1	1	3.191359
Annual Perm 1_serv	BOBJ1	65	186.26	After	Interior Girder 5	62.42	0.95	1	1	3.643991
Annual Perm 1_serv	BOBJ1	65	186.26	After	Interior Girder 6	62.42	0.95	1	1	3.361581
Annual Perm 1_serv	BOBJ1	66	191.26	Before	Left Exterior Girder	67.42	0.95	1	1	2.678849
Annual Perm 1_serv	BOBJ1	66	191.26	Before	Interior Girder 1	67.42	0.95	1	1	1.945944
Annual Perm 1_serv	BOBJ1	66	191.26	Before	Interior Girder 2	67.42	0.95	1	1	2.121226
Annual Perm 1_serv	BOBJ1	66	191.26	Before	Interior Girder 3	67.42	0.95	1	1	1.74831
Annual Perm 1_serv	BOBJ1	66	191.26	Before	Interior Girder 4	67.42	0.95	1	1	1.74831
Annual Perm 1_serv	BOBJ1	66	191.26	Before	Interior Girder 5	67.42	0.95	1	1	2.121226
Annual Perm 1_serv	BOBJ1	66	191.26	Before	Interior Girder 6	67.42	0.95	1	1	1.945944
Annual Perm 1_serv	BOBJ1	66	191.26	Before	Right Exterior Girder	67.42	0.95	1	1	2.678849
Annual Perm 1_serv	BOBJ1	67	191.26	After	Left Exterior Girder	0	0.95	1	1	2.682989
Annual Perm 1_serv	BOBJ1	67	191.26	After	Interior Girder 1	0	0.95	1	1	1.946117
Annual Perm 1_serv	BOBJ1	67	191.26	After	Interior Girder 2	0	0.95	1	1	2.12605
Annual Perm 1_serv	BOBJ1	67	191.26	After	Interior Girder 3	0	0.95	1	1	1.748624
Annual Perm 1_serv	BOBJ1	67	191.26	After	Interior Girder 4	0	0.95	1	1	1.748624
Annual Perm 1_serv	BOBJ1	67	191.26	After	Interior Girder 5	0	0.95	1	1	2.12605
Annual Perm 1_serv	BOBJ1	67	191.26	After	Interior Girder 6	0	0.95	1	1	1.946117
Annual Perm 1_serv	BOBJ1	67	191.26	After	Right Exterior Girder	0	0.95	1	1	2.682989
Annual Perm 1_serv	BOBJ1	68	196.26	Before	Interior Girder 1	5	0.95	1	1	3.358479
Annual Perm 1_serv	BOBJ1	68	196.26	Before	Interior Girder 2	5	0.95	1	1	3.645744
Annual Perm 1_serv	BOBJ1	68	196.26	Before	Interior Girder 3	5	0.95	1	1	3.19016
Annual Perm 1_serv	BOBJ1	68	196.26	Before	Interior Girder 4	5	0.95	1	1	3.19016
Annual Perm 1_serv	BOBJ1	68	196.26	Before	Interior Girder 5	5	0.95	1	1	3.645744
Annual Perm 1_serv	BOBJ1	68	196.26	Before	Interior Girder 6	5	0.95	1	1	3.358479
Annual Perm 1_serv	BOBJ1	69	196.26	After	Interior Girder 1	5	0.95	1	1	2.404375
Annual Perm 1_serv	BOBJ1	69	196.26	After	Interior Girder 2	5	0.95	1	1	2.655131
Annual Perm 1_serv	BOBJ1	69	196.26	After	Interior Girder 3	5	0.95	1	1	2.284122
Annual Perm 1_serv	BOBJ1	69	196.26	After	Interior Girder 4	5	0.95	1	1	2.284122
Annual Perm 1_serv	BOBJ1	69	196.26	After	Interior Girder 5	5	0.95	1	1	2.655131
Annual Perm 1_serv	BOBJ1	69	196.26	After	Interior Girder 6	5	0.95	1	1	2.404375
Annual Perm 1_serv	BOBJ1	70	198.76	Before	Left Exterior Girder	7.5	0.95	1	1	6.015078
Annual Perm 1_serv	BOBJ1	70	198.76	Before	Right Exterior Girder	7.5	0.95	1	1	6.015078

TABLE: Bridge Super Rating AASHTORATE18 31 - SteelICompServ-Flx - Approach, Span 7-11										
Request	BridgeObj	BridgeCut	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	Unitless	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Annual Perm 1_serv	BOBJ1	71	198.76	After	Left Exterior Girder	7.5	0.95	1	1	3.029793
Annual Perm 1_serv	BOBJ1	71	198.76	After	Right Exterior Girder	7.5	0.95	1	1	3.029793
Annual Perm 1_serv	BOBJ1	72	199.685	Before	Left Exterior Girder	8.425	0.95	1	1	3.514961
Annual Perm 1_serv	BOBJ1	72	199.685	Before	Interior Girder 1	8.425	0.95	1	1	3.57252
Annual Perm 1_serv	BOBJ1	72	199.685	Before	Interior Girder 2	8.425	0.95	1	1	3.97139
Annual Perm 1_serv	BOBJ1	72	199.685	Before	Interior Girder 3	8.425	0.95	1	1	3.633539
Annual Perm 1_serv	BOBJ1	72	199.685	Before	Interior Girder 4	8.425	0.95	1	1	3.633539
Annual Perm 1_serv	BOBJ1	72	199.685	Before	Interior Girder 5	8.425	0.95	1	1	3.97139
Annual Perm 1_serv	BOBJ1	72	199.685	Before	Interior Girder 6	8.425	0.95	1	1	3.57252
Annual Perm 1_serv	BOBJ1	72	199.685	Before	Right Exterior Girder	8.425	0.95	1	1	3.514961
Annual Perm 1_serv	BOBJ1	73	199.685	After	Left Exterior Girder	8.425	0.95	1	1	3.38234
Annual Perm 1_serv	BOBJ1	73	199.685	After	Interior Girder 1	8.425	0.95	1	1	3.637459
Annual Perm 1_serv	BOBJ1	73	199.685	After	Interior Girder 2	8.425	0.95	1	1	3.917437
Annual Perm 1_serv	BOBJ1	73	199.685	After	Interior Girder 3	8.425	0.95	1	1	3.511509
Annual Perm 1_serv	BOBJ1	73	199.685	After	Interior Girder 4	8.425	0.95	1	1	3.511509
Annual Perm 1_serv	BOBJ1	73	199.685	After	Interior Girder 5	8.425	0.95	1	1	3.917437
Annual Perm 1_serv	BOBJ1	73	199.685	After	Interior Girder 6	8.425	0.95	1	1	3.637459
Annual Perm 1_serv	BOBJ1	73	199.685	After	Right Exterior Girder	8.425	0.95	1	1	3.38234
Annual Perm 1_serv	BOBJ1	74	208.11	Before	Left Exterior Girder	16.85	0.95	1	1	5.840061
Annual Perm 1_serv	BOBJ1	74	208.11	Before	Interior Girder 1	16.85	0.95	1	1	5.386826
Annual Perm 1_serv	BOBJ1	74	208.11	Before	Interior Girder 2	16.85	0.95	1	1	5.41618
Annual Perm 1_serv	BOBJ1	74	208.11	Before	Interior Girder 3	16.85	0.95	1	1	5.193973
Annual Perm 1_serv	BOBJ1	74	208.11	Before	Interior Girder 4	16.85	0.95	1	1	5.193973
Annual Perm 1_serv	BOBJ1	74	208.11	Before	Interior Girder 5	16.85	0.95	1	1	5.41618
Annual Perm 1_serv	BOBJ1	74	208.11	Before	Interior Girder 6	16.85	0.95	1	1	5.386826
Annual Perm 1_serv	BOBJ1	74	208.11	Before	Right Exterior Girder	16.85	0.95	1	1	5.840061
Annual Perm 1_serv	BOBJ1	75	208.11	After	Left Exterior Girder	16.85	0.95	1	1	5.844699
Annual Perm 1_serv	BOBJ1	75	208.11	After	Interior Girder 1	16.85	0.95	1	1	5.30292
Annual Perm 1_serv	BOBJ1	75	208.11	After	Interior Girder 2	16.85	0.95	1	1	5.403755
Annual Perm 1_serv	BOBJ1	75	208.11	After	Interior Girder 3	16.85	0.95	1	1	5.294076
Annual Perm 1_serv	BOBJ1	75	208.11	After	Interior Girder 4	16.85	0.95	1	1	5.294076
Annual Perm 1_serv	BOBJ1	75	208.11	After	Interior Girder 5	16.85	0.95	1	1	5.403755
Annual Perm 1_serv	BOBJ1	75	208.11	After	Interior Girder 6	16.85	0.95	1	1	5.30292
Annual Perm 1_serv	BOBJ1	75	208.11	After	Right Exterior Girder	16.85	0.95	1	1	5.844699
Annual Perm 1_serv	BOBJ1	76	216.535	Before	Left Exterior Girder	25.275	0.95	1	1	3.724914
Annual Perm 1_serv	BOBJ1	76	216.535	Before	Interior Girder 1	25.275	0.95	1	1	3.307757
Annual Perm 1_serv	BOBJ1	76	216.535	Before	Interior Girder 2	25.275	0.95	1	1	3.498459
Annual Perm 1_serv	BOBJ1	76	216.535	Before	Interior Girder 3	25.275	0.95	1	1	3.293334
Annual Perm 1_serv	BOBJ1	76	216.535	Before	Interior Girder 4	25.275	0.95	1	1	3.293334
Annual Perm 1_serv	BOBJ1	76	216.535	Before	Interior Girder 5	25.275	0.95	1	1	3.498459
Annual Perm 1_serv	BOBJ1	76	216.535	Before	Interior Girder 6	25.275	0.95	1	1	3.307757
Annual Perm 1_serv	BOBJ1	76	216.535	Before	Right Exterior Girder	25.275	0.95	1	1	3.724914
Annual Perm 1_serv	BOBJ1	77	216.535	After	Left Exterior Girder	25.275	0.95	1	1	3.780345
Annual Perm 1_serv	BOBJ1	77	216.535	After	Interior Girder 1	25.275	0.95	1	1	3.286452
Annual Perm 1_serv	BOBJ1	77	216.535	After	Interior Girder 2	25.275	0.95	1	1	3.488562
Annual Perm 1_serv	BOBJ1	77	216.535	After	Interior Girder 3	25.275	0.95	1	1	3.323994
Annual Perm 1_serv	BOBJ1	77	216.535	After	Interior Girder 4	25.275	0.95	1	1	3.323994
Annual Perm 1_serv	BOBJ1	77	216.535	After	Interior Girder 5	25.275	0.95	1	1	3.488562
Annual Perm 1_serv	BOBJ1	77	216.535	After	Interior Girder 6	25.275	0.95	1	1	3.286452
Annual Perm 1_serv	BOBJ1	77	216.535	After	Right Exterior Girder	25.275	0.95	1	1	3.780345
Annual Perm 1_serv	BOBJ1	78	224.96	Before	Left Exterior Girder	33.7	0.95	1	1	3.137953
Annual Perm 1_serv	BOBJ1	78	224.96	Before	Interior Girder 1	33.7	0.95	1	1	3.186586
Annual Perm 1_serv	BOBJ1	78	224.96	Before	Interior Girder 2	33.7	0.95	1	1	3.423123
Annual Perm 1_serv	BOBJ1	78	224.96	Before	Interior Girder 3	33.7	0.95	1	1	3.442816
Annual Perm 1_serv	BOBJ1	78	224.96	Before	Interior Girder 4	33.7	0.95	1	1	3.442816
Annual Perm 1_serv	BOBJ1	78	224.96	Before	Interior Girder 5	33.7	0.95	1	1	3.423123
Annual Perm 1_serv	BOBJ1	78	224.96	Before	Interior Girder 6	33.7	0.95	1	1	3.186586
Annual Perm 1_serv	BOBJ1	78	224.96	Before	Right Exterior Girder	33.7	0.95	1	1	3.137953
Annual Perm 1_serv	BOBJ1	79	224.96	After	Left Exterior Girder	33.7	0.95	1	1	3.132402
Annual Perm 1_serv	BOBJ1	79	224.96	After	Interior Girder 1	33.7	0.95	1	1	3.184111
Annual Perm 1_serv	BOBJ1	79	224.96	After	Interior Girder 2	33.7	0.95	1	1	3.428569
Annual Perm 1_serv	BOBJ1	79	224.96	After	Interior Girder 3	33.7	0.95	1	1	3.443723
Annual Perm 1_serv	BOBJ1	79	224.96	After	Interior Girder 4	33.7	0.95	1	1	3.443723
Annual Perm 1_serv	BOBJ1	79	224.96	After	Interior Girder 5	33.7	0.95	1	1	3.428569
Annual Perm 1_serv	BOBJ1	79	224.96	After	Interior Girder 6	33.7	0.95	1	1	3.184111
Annual Perm 1_serv	BOBJ1	79	224.96	After	Right Exterior Girder	33.7	0.95	1	1	3.132402
Annual Perm 1_serv	BOBJ1	80	233.385	Before	Left Exterior Girder	42.125	0.95	1	1	3.876844
Annual Perm 1_serv	BOBJ1	80	233.385	Before	Interior Girder 1	42.125	0.95	1	1	3.325877
Annual Perm 1_serv	BOBJ1	80	233.385	Before	Interior Girder 2	42.125	0.95	1	1	3.511489
Annual Perm 1_serv	BOBJ1	80	233.385	Before	Interior Girder 3	42.125	0.95	1	1	3.33351
Annual Perm 1_serv	BOBJ1	80	233.385	Before	Interior Girder 4	42.125	0.95	1	1	3.33351
Annual Perm 1_serv	BOBJ1	80	233.385	Before	Interior Girder 5	42.125	0.95	1	1	3.511489
Annual Perm 1_serv	BOBJ1	80	233.385	Before	Interior Girder 6	42.125	0.95	1	1	3.325877

TABLE: Bridge Super Rating AASHTORATE18 31 - SteelICompServ-Flx - Approach, Span 7-11										
Request	BridgeObj	BridgeCut	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	Unitless	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Annual Perm 1_serv	BOBJ1	80	233.385	Before	Right Exterior Girder	42.125	0.95	1	1	3.876844
Annual Perm 1_serv	BOBJ1	81	233.385	After	Left Exterior Girder	42.125	0.95	1	1	3.811476
Annual Perm 1_serv	BOBJ1	81	233.385	After	Interior Girder 1	42.125	0.95	1	1	3.351
Annual Perm 1_serv	BOBJ1	81	233.385	After	Interior Girder 2	42.125	0.95	1	1	3.523471
Annual Perm 1_serv	BOBJ1	81	233.385	After	Interior Girder 3	42.125	0.95	1	1	3.302236
Annual Perm 1_serv	BOBJ1	81	233.385	After	Interior Girder 4	42.125	0.95	1	1	3.302236
Annual Perm 1_serv	BOBJ1	81	233.385	After	Interior Girder 5	42.125	0.95	1	1	3.523471
Annual Perm 1_serv	BOBJ1	81	233.385	After	Interior Girder 6	42.125	0.95	1	1	3.351
Annual Perm 1_serv	BOBJ1	81	233.385	After	Right Exterior Girder	42.125	0.95	1	1	3.811476
Annual Perm 1_serv	BOBJ1	82	241.81	Before	Left Exterior Girder	50.55	0.95	1	1	6.371994
Annual Perm 1_serv	BOBJ1	82	241.81	Before	Interior Girder 1	50.55	0.95	1	1	5.480606
Annual Perm 1_serv	BOBJ1	82	241.81	Before	Interior Girder 2	50.55	0.95	1	1	5.529904
Annual Perm 1_serv	BOBJ1	82	241.81	Before	Interior Girder 3	50.55	0.95	1	1	5.3993
Annual Perm 1_serv	BOBJ1	82	241.81	Before	Interior Girder 4	50.55	0.95	1	1	5.3993
Annual Perm 1_serv	BOBJ1	82	241.81	Before	Interior Girder 5	50.55	0.95	1	1	5.529904
Annual Perm 1_serv	BOBJ1	82	241.81	Before	Interior Girder 6	50.55	0.95	1	1	5.480606
Annual Perm 1_serv	BOBJ1	82	241.81	Before	Right Exterior Girder	50.55	0.95	1	1	6.371994
Annual Perm 1_serv	BOBJ1	83	241.81	After	Left Exterior Girder	50.55	0.95	1	1	6.214491
Annual Perm 1_serv	BOBJ1	83	241.81	After	Interior Girder 1	50.55	0.95	1	1	5.572766
Annual Perm 1_serv	BOBJ1	83	241.81	After	Interior Girder 2	50.55	0.95	1	1	5.574535
Annual Perm 1_serv	BOBJ1	83	241.81	After	Interior Girder 3	50.55	0.95	1	1	5.388295
Annual Perm 1_serv	BOBJ1	83	241.81	After	Interior Girder 4	50.55	0.95	1	1	5.388295
Annual Perm 1_serv	BOBJ1	83	241.81	After	Interior Girder 5	50.55	0.95	1	1	5.574535
Annual Perm 1_serv	BOBJ1	83	241.81	After	Interior Girder 6	50.55	0.95	1	1	5.572766
Annual Perm 1_serv	BOBJ1	83	241.81	After	Right Exterior Girder	50.55	0.95	1	1	6.214491
Annual Perm 1_serv	BOBJ1	84	245.18	Before	Left Exterior Girder	53.92	0.95	1	1	5.590831
Annual Perm 1_serv	BOBJ1	84	245.18	Before	Interior Girder 1	53.92	0.95	1	1	5.754381
Annual Perm 1_serv	BOBJ1	84	245.18	Before	Interior Girder 2	53.92	0.95	1	1	6.266579
Annual Perm 1_serv	BOBJ1	84	245.18	Before	Interior Girder 3	53.92	0.95	1	1	6.398694
Annual Perm 1_serv	BOBJ1	84	245.18	Before	Interior Girder 4	53.92	0.95	1	1	6.398694
Annual Perm 1_serv	BOBJ1	84	245.18	Before	Interior Girder 5	53.92	0.95	1	1	6.266579
Annual Perm 1_serv	BOBJ1	84	245.18	Before	Interior Girder 6	53.92	0.95	1	1	5.754381
Annual Perm 1_serv	BOBJ1	84	245.18	Before	Right Exterior Girder	53.92	0.95	1	1	5.590831
Annual Perm 1_serv	BOBJ1	85	245.18	After	Left Exterior Girder	53.92	0.95	1	1	6.512698
Annual Perm 1_serv	BOBJ1	85	245.18	After	Interior Girder 1	53.92	0.95	1	1	6.151421
Annual Perm 1_serv	BOBJ1	85	245.18	After	Interior Girder 2	53.92	0.95	1	1	6.701643
Annual Perm 1_serv	BOBJ1	85	245.18	After	Interior Girder 3	53.92	0.95	1	1	6.613333
Annual Perm 1_serv	BOBJ1	85	245.18	After	Interior Girder 4	53.92	0.95	1	1	6.613333
Annual Perm 1_serv	BOBJ1	85	245.18	After	Interior Girder 5	53.92	0.95	1	1	6.701643
Annual Perm 1_serv	BOBJ1	85	245.18	After	Interior Girder 6	53.92	0.95	1	1	6.151421
Annual Perm 1_serv	BOBJ1	85	245.18	After	Right Exterior Girder	53.92	0.95	1	1	6.512698
Annual Perm 1_serv	BOBJ1	86	250.245	Before	Left Exterior Girder	58.985	0.95	1	1	4.249171
Annual Perm 1_serv	BOBJ1	86	250.245	Before	Interior Girder 1	58.985	0.95	1	1	4.087439
Annual Perm 1_serv	BOBJ1	86	250.245	Before	Interior Girder 2	58.985	0.95	1	1	4.325865
Annual Perm 1_serv	BOBJ1	86	250.245	Before	Interior Girder 3	58.985	0.95	1	1	3.818274
Annual Perm 1_serv	BOBJ1	86	250.245	Before	Interior Girder 4	58.985	0.95	1	1	3.818274
Annual Perm 1_serv	BOBJ1	86	250.245	Before	Interior Girder 5	58.985	0.95	1	1	4.325865
Annual Perm 1_serv	BOBJ1	86	250.245	Before	Interior Girder 6	58.985	0.95	1	1	4.087439
Annual Perm 1_serv	BOBJ1	86	250.245	Before	Right Exterior Girder	58.985	0.95	1	1	4.249171
Annual Perm 1_serv	BOBJ1	87	250.245	After	Left Exterior Girder	58.985	0.95	1	1	4.32285
Annual Perm 1_serv	BOBJ1	87	250.245	After	Interior Girder 1	58.985	0.95	1	1	4.075031
Annual Perm 1_serv	BOBJ1	87	250.245	After	Interior Girder 2	58.985	0.95	1	1	4.364403
Annual Perm 1_serv	BOBJ1	87	250.245	After	Interior Girder 3	58.985	0.95	1	1	3.898928
Annual Perm 1_serv	BOBJ1	87	250.245	After	Interior Girder 4	58.985	0.95	1	1	3.898928
Annual Perm 1_serv	BOBJ1	87	250.245	After	Interior Girder 5	58.985	0.95	1	1	4.364403
Annual Perm 1_serv	BOBJ1	87	250.245	After	Interior Girder 6	58.985	0.95	1	1	4.075031
Annual Perm 1_serv	BOBJ1	87	250.245	After	Right Exterior Girder	58.985	0.95	1	1	4.32285
Annual Perm 1_serv	BOBJ1	88	251.68	Before	Left Exterior Girder	60.42	0.95	1	1	3.465945
Annual Perm 1_serv	BOBJ1	88	251.68	Before	Right Exterior Girder	60.42	0.95	1	1	3.465945
Annual Perm 1_serv	BOBJ1	89	251.68	After	Left Exterior Girder	60.42	0.95	1	1	6.015599
Annual Perm 1_serv	BOBJ1	89	251.68	After	Right Exterior Girder	60.42	0.95	1	1	6.015599
Annual Perm 1_serv	BOBJ1	90	254.18	Before	Interior Girder 1	62.92	0.95	1	1	2.501893
Annual Perm 1_serv	BOBJ1	90	254.18	Before	Interior Girder 2	62.92	0.95	1	1	2.694619
Annual Perm 1_serv	BOBJ1	90	254.18	Before	Interior Girder 3	62.92	0.95	1	1	2.287222
Annual Perm 1_serv	BOBJ1	90	254.18	Before	Interior Girder 4	62.92	0.95	1	1	2.287222
Annual Perm 1_serv	BOBJ1	90	254.18	Before	Interior Girder 5	62.92	0.95	1	1	2.694619
Annual Perm 1_serv	BOBJ1	90	254.18	Before	Interior Girder 6	62.92	0.95	1	1	2.501893
Annual Perm 1_serv	BOBJ1	91	254.18	After	Interior Girder 1	62.92	0.95	1	1	3.071273
Annual Perm 1_serv	BOBJ1	91	254.18	After	Interior Girder 2	62.92	0.95	1	1	3.262121
Annual Perm 1_serv	BOBJ1	91	254.18	After	Interior Girder 3	62.92	0.95	1	1	2.810152
Annual Perm 1_serv	BOBJ1	91	254.18	After	Interior Girder 4	62.92	0.95	1	1	2.810152
Annual Perm 1_serv	BOBJ1	91	254.18	After	Interior Girder 5	62.92	0.95	1	1	3.262121
Annual Perm 1_serv	BOBJ1	91	254.18	After	Interior Girder 6	62.92	0.95	1	1	3.071273

TABLE: Bridge Super Rating AASHTORATE18 31 - SteelICompServ-Flx - Approach, Span 7-11										
Request	BridgeObj	BridgeCut	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	Unitless	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Annual Perm 1_serv	BOBJ1	92	258.68	Before	Left Exterior Girder	67.42	0.95	1	1	2.749689
Annual Perm 1_serv	BOBJ1	92	258.68	Before	Interior Girder 1	67.42	0.95	1	1	1.861496
Annual Perm 1_serv	BOBJ1	92	258.68	Before	Interior Girder 2	67.42	0.95	1	1	1.993692
Annual Perm 1_serv	BOBJ1	92	258.68	Before	Interior Girder 3	67.42	0.95	1	1	1.627727
Annual Perm 1_serv	BOBJ1	92	258.68	Before	Interior Girder 4	67.42	0.95	1	1	1.627727
Annual Perm 1_serv	BOBJ1	92	258.68	Before	Interior Girder 5	67.42	0.95	1	1	1.993692
Annual Perm 1_serv	BOBJ1	92	258.68	Before	Interior Girder 6	67.42	0.95	1	1	1.861496
Annual Perm 1_serv	BOBJ1	92	258.68	Before	Right Exterior Girder	67.42	0.95	1	1	2.749689
Annual Perm 1_serv	BOBJ1	93	258.68	After	Left Exterior Girder	0	0.95	1	1	2.760426
Annual Perm 1_serv	BOBJ1	93	258.68	After	Interior Girder 1	0	0.95	1	1	1.851472
Annual Perm 1_serv	BOBJ1	93	258.68	After	Interior Girder 2	0	0.95	1	1	1.985016
Annual Perm 1_serv	BOBJ1	93	258.68	After	Interior Girder 3	0	0.95	1	1	1.621928
Annual Perm 1_serv	BOBJ1	93	258.68	After	Interior Girder 4	0	0.95	1	1	1.621928
Annual Perm 1_serv	BOBJ1	93	258.68	After	Interior Girder 5	0	0.95	1	1	1.985016
Annual Perm 1_serv	BOBJ1	93	258.68	After	Interior Girder 6	0	0.95	1	1	1.851472
Annual Perm 1_serv	BOBJ1	93	258.68	After	Right Exterior Girder	0	0.95	1	1	2.760426
Annual Perm 1_serv	BOBJ1	94	263.18	Before	Interior Girder 1	4.5	0.95	1	1	3.106748
Annual Perm 1_serv	BOBJ1	94	263.18	Before	Interior Girder 2	4.5	0.95	1	1	3.326252
Annual Perm 1_serv	BOBJ1	94	263.18	Before	Interior Girder 3	4.5	0.95	1	1	2.882848
Annual Perm 1_serv	BOBJ1	94	263.18	Before	Interior Girder 4	4.5	0.95	1	1	2.882848
Annual Perm 1_serv	BOBJ1	94	263.18	Before	Interior Girder 5	4.5	0.95	1	1	3.326252
Annual Perm 1_serv	BOBJ1	94	263.18	Before	Interior Girder 6	4.5	0.95	1	1	3.106748
Annual Perm 1_serv	BOBJ1	95	263.18	After	Interior Girder 1	4.5	0.95	1	1	2.536934
Annual Perm 1_serv	BOBJ1	95	263.18	After	Interior Girder 2	4.5	0.95	1	1	2.742558
Annual Perm 1_serv	BOBJ1	95	263.18	After	Interior Girder 3	4.5	0.95	1	1	2.342473
Annual Perm 1_serv	BOBJ1	95	263.18	After	Interior Girder 4	4.5	0.95	1	1	2.342473
Annual Perm 1_serv	BOBJ1	95	263.18	After	Interior Girder 5	4.5	0.95	1	1	2.742558
Annual Perm 1_serv	BOBJ1	95	263.18	After	Interior Girder 6	4.5	0.95	1	1	2.536934
Annual Perm 1_serv	BOBJ1	96	265.68	Before	Left Exterior Girder	7	0.95	1	1	5.747813
Annual Perm 1_serv	BOBJ1	96	265.68	Before	Right Exterior Girder	7	0.95	1	1	5.747813
Annual Perm 1_serv	BOBJ1	97	265.68	After	Left Exterior Girder	7	0.95	1	1	3.328408
Annual Perm 1_serv	BOBJ1	97	265.68	After	Right Exterior Girder	7	0.95	1	1	3.328408
Annual Perm 1_serv	BOBJ1	98	268.08	Before	Left Exterior Girder	9.4	0.95	1	1	4.292732
Annual Perm 1_serv	BOBJ1	98	268.08	Before	Interior Girder 1	9.4	0.95	1	1	4.265687
Annual Perm 1_serv	BOBJ1	98	268.08	Before	Interior Girder 2	9.4	0.95	1	1	4.686328
Annual Perm 1_serv	BOBJ1	98	268.08	Before	Interior Girder 3	9.4	0.95	1	1	4.534541
Annual Perm 1_serv	BOBJ1	98	268.08	Before	Interior Girder 4	9.4	0.95	1	1	4.534541
Annual Perm 1_serv	BOBJ1	98	268.08	Before	Interior Girder 5	9.4	0.95	1	1	4.686328
Annual Perm 1_serv	BOBJ1	98	268.08	Before	Interior Girder 6	9.4	0.95	1	1	4.265687
Annual Perm 1_serv	BOBJ1	98	268.08	Before	Right Exterior Girder	9.4	0.95	1	1	4.292732
Annual Perm 1_serv	BOBJ1	99	268.08	After	Left Exterior Girder	9.4	0.95	1	1	4.171212
Annual Perm 1_serv	BOBJ1	99	268.08	After	Interior Girder 1	9.4	0.95	1	1	4.314398
Annual Perm 1_serv	BOBJ1	99	268.08	After	Interior Girder 2	9.4	0.95	1	1	4.631854
Annual Perm 1_serv	BOBJ1	99	268.08	After	Interior Girder 3	9.4	0.95	1	1	4.38197
Annual Perm 1_serv	BOBJ1	99	268.08	After	Interior Girder 4	9.4	0.95	1	1	4.38197
Annual Perm 1_serv	BOBJ1	99	268.08	After	Interior Girder 5	9.4	0.95	1	1	4.631854
Annual Perm 1_serv	BOBJ1	99	268.08	After	Interior Girder 6	9.4	0.95	1	1	4.314398
Annual Perm 1_serv	BOBJ1	99	268.08	After	Right Exterior Girder	9.4	0.95	1	1	4.171212
Annual Perm 1_serv	BOBJ1	100	277.48	Before	Left Exterior Girder	18.8	0.95	1	1	4.993021
Annual Perm 1_serv	BOBJ1	100	277.48	Before	Interior Girder 1	18.8	0.95	1	1	4.663769
Annual Perm 1_serv	BOBJ1	100	277.48	Before	Interior Girder 2	18.8	0.95	1	1	4.730538
Annual Perm 1_serv	BOBJ1	100	277.48	Before	Interior Girder 3	18.8	0.95	1	1	4.604474
Annual Perm 1_serv	BOBJ1	100	277.48	Before	Interior Girder 4	18.8	0.95	1	1	4.604474
Annual Perm 1_serv	BOBJ1	100	277.48	Before	Interior Girder 5	18.8	0.95	1	1	4.730538
Annual Perm 1_serv	BOBJ1	100	277.48	Before	Interior Girder 6	18.8	0.95	1	1	4.663769
Annual Perm 1_serv	BOBJ1	100	277.48	Before	Right Exterior Girder	18.8	0.95	1	1	4.993021
Annual Perm 1_serv	BOBJ1	101	277.48	After	Left Exterior Girder	18.8	0.95	1	1	5.103769
Annual Perm 1_serv	BOBJ1	101	277.48	After	Interior Girder 1	18.8	0.95	1	1	4.584587
Annual Perm 1_serv	BOBJ1	101	277.48	After	Interior Girder 2	18.8	0.95	1	1	4.732578
Annual Perm 1_serv	BOBJ1	101	277.48	After	Interior Girder 3	18.8	0.95	1	1	4.671995
Annual Perm 1_serv	BOBJ1	101	277.48	After	Interior Girder 4	18.8	0.95	1	1	4.671995
Annual Perm 1_serv	BOBJ1	101	277.48	After	Interior Girder 5	18.8	0.95	1	1	4.732578
Annual Perm 1_serv	BOBJ1	101	277.48	After	Interior Girder 6	18.8	0.95	1	1	4.584587
Annual Perm 1_serv	BOBJ1	101	277.48	After	Right Exterior Girder	18.8	0.95	1	1	5.103769
Annual Perm 1_serv	BOBJ1	102	286.88	Before	Left Exterior Girder	28.2	0.95	1	1	3.671339
Annual Perm 1_serv	BOBJ1	102	286.88	Before	Interior Girder 1	28.2	0.95	1	1	3.096859
Annual Perm 1_serv	BOBJ1	102	286.88	Before	Interior Girder 2	28.2	0.95	1	1	3.238949
Annual Perm 1_serv	BOBJ1	102	286.88	Before	Interior Girder 3	28.2	0.95	1	1	3.005251
Annual Perm 1_serv	BOBJ1	102	286.88	Before	Interior Girder 4	28.2	0.95	1	1	3.005251
Annual Perm 1_serv	BOBJ1	102	286.88	Before	Interior Girder 5	28.2	0.95	1	1	3.238949
Annual Perm 1_serv	BOBJ1	102	286.88	Before	Interior Girder 6	28.2	0.95	1	1	3.096859
Annual Perm 1_serv	BOBJ1	102	286.88	Before	Right Exterior Girder	28.2	0.95	1	1	3.671339
Annual Perm 1_serv	BOBJ1	103	286.88	After	Left Exterior Girder	28.2	0.95	1	1	3.683275

TABLE: Bridge Super Rating AASHTORATE18 31 - SteelICompServ-Flx - Approach, Span 7-11										
Request	BridgeObj	BridgeCut	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	Unitless	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Annual Perm 1_serv	BOBJ1	103	286.88	After	Interior Girder 1	28.2	0.95	1	1	3.08825
Annual Perm 1_serv	BOBJ1	103	286.88	After	Interior Girder 2	28.2	0.95	1	1	3.242198
Annual Perm 1_serv	BOBJ1	103	286.88	After	Interior Girder 3	28.2	0.95	1	1	3.025421
Annual Perm 1_serv	BOBJ1	103	286.88	After	Interior Girder 4	28.2	0.95	1	1	3.025421
Annual Perm 1_serv	BOBJ1	103	286.88	After	Interior Girder 5	28.2	0.95	1	1	3.242198
Annual Perm 1_serv	BOBJ1	103	286.88	After	Interior Girder 6	28.2	0.95	1	1	3.08825
Annual Perm 1_serv	BOBJ1	103	286.88	After	Right Exterior Girder	28.2	0.95	1	1	3.683275
Annual Perm 1_serv	BOBJ1	104	296.28	Before	Left Exterior Girder	37.6	0.95	1	1	3.354462
Annual Perm 1_serv	BOBJ1	104	296.28	Before	Interior Girder 1	37.6	0.95	1	1	3.181434
Annual Perm 1_serv	BOBJ1	104	296.28	Before	Interior Girder 2	37.6	0.95	1	1	3.400194
Annual Perm 1_serv	BOBJ1	104	296.28	Before	Interior Girder 3	37.6	0.95	1	1	3.351887
Annual Perm 1_serv	BOBJ1	104	296.28	Before	Interior Girder 4	37.6	0.95	1	1	3.351887
Annual Perm 1_serv	BOBJ1	104	296.28	Before	Interior Girder 5	37.6	0.95	1	1	3.400194
Annual Perm 1_serv	BOBJ1	104	296.28	Before	Interior Girder 6	37.6	0.95	1	1	3.181434
Annual Perm 1_serv	BOBJ1	104	296.28	Before	Right Exterior Girder	37.6	0.95	1	1	3.354462
Annual Perm 1_serv	BOBJ1	105	296.28	After	Left Exterior Girder	37.6	0.95	1	1	3.312518
Annual Perm 1_serv	BOBJ1	105	296.28	After	Interior Girder 1	37.6	0.95	1	1	3.213431
Annual Perm 1_serv	BOBJ1	105	296.28	After	Interior Girder 2	37.6	0.95	1	1	3.394875
Annual Perm 1_serv	BOBJ1	105	296.28	After	Interior Girder 3	37.6	0.95	1	1	3.324036
Annual Perm 1_serv	BOBJ1	105	296.28	After	Interior Girder 4	37.6	0.95	1	1	3.324036
Annual Perm 1_serv	BOBJ1	105	296.28	After	Interior Girder 5	37.6	0.95	1	1	3.394875
Annual Perm 1_serv	BOBJ1	105	296.28	After	Interior Girder 6	37.6	0.95	1	1	3.213431
Annual Perm 1_serv	BOBJ1	105	296.28	After	Right Exterior Girder	37.6	0.95	1	1	3.312518
Annual Perm 1_serv	BOBJ1	106	305.69	Before	Left Exterior Girder	47.01	0.95	1	1	5.883818
Annual Perm 1_serv	BOBJ1	106	305.69	Before	Interior Girder 1	47.01	0.95	1	1	4.402469
Annual Perm 1_serv	BOBJ1	106	305.69	Before	Interior Girder 2	47.01	0.95	1	1	4.503985
Annual Perm 1_serv	BOBJ1	106	305.69	Before	Interior Girder 3	47.01	0.95	1	1	4.081991
Annual Perm 1_serv	BOBJ1	106	305.69	Before	Interior Girder 4	47.01	0.95	1	1	4.081991
Annual Perm 1_serv	BOBJ1	106	305.69	Before	Interior Girder 5	47.01	0.95	1	1	4.503985
Annual Perm 1_serv	BOBJ1	106	305.69	Before	Interior Girder 6	47.01	0.95	1	1	4.402469
Annual Perm 1_serv	BOBJ1	106	305.69	Before	Right Exterior Girder	47.01	0.95	1	1	5.883818
Annual Perm 1_serv	BOBJ1	107	305.69	After	Left Exterior Girder	47.01	0.95	1	1	5.849366
Annual Perm 1_serv	BOBJ1	107	305.69	After	Interior Girder 1	47.01	0.95	1	1	4.416805
Annual Perm 1_serv	BOBJ1	107	305.69	After	Interior Girder 2	47.01	0.95	1	1	4.386424
Annual Perm 1_serv	BOBJ1	107	305.69	After	Interior Girder 3	47.01	0.95	1	1	3.932537
Annual Perm 1_serv	BOBJ1	107	305.69	After	Interior Girder 4	47.01	0.95	1	1	3.932537
Annual Perm 1_serv	BOBJ1	107	305.69	After	Interior Girder 5	47.01	0.95	1	1	4.386424
Annual Perm 1_serv	BOBJ1	107	305.69	After	Interior Girder 6	47.01	0.95	1	1	4.416805
Annual Perm 1_serv	BOBJ1	107	305.69	After	Right Exterior Girder	47.01	0.95	1	1	5.849366
Annual Perm 1_serv	BOBJ1	108	315.1	Before	Left Exterior Girder	56.42	0.95	1	1	312.793621
Annual Perm 1_serv	BOBJ1	108	315.1	Before	Interior Girder 1	56.42	0.95	1	1	440.050138
Annual Perm 1_serv	BOBJ1	108	315.1	Before	Interior Girder 2	56.42	0.95	1	1	209.618731
Annual Perm 1_serv	BOBJ1	108	315.1	Before	Interior Girder 3	56.42	0.95	1	1	159.905847
Annual Perm 1_serv	BOBJ1	108	315.1	Before	Interior Girder 4	56.42	0.95	1	1	159.905847
Annual Perm 1_serv	BOBJ1	108	315.1	Before	Interior Girder 5	56.42	0.95	1	1	209.618732
Annual Perm 1_serv	BOBJ1	108	315.1	Before	Interior Girder 6	56.42	0.95	1	1	440.050139
Annual Perm 1_serv	BOBJ1	108	315.1	Before	Right Exterior Girder	56.42	0.95	1	1	312.793623
Annual Perm 2_serv	BOBJ1	1	0	After	Left Exterior Girder	0	0.95	1	1	234.901248
Annual Perm 2_serv	BOBJ1	1	0	After	Interior Girder 1	0	0.95	1	1	323.728889
Annual Perm 2_serv	BOBJ1	1	0	After	Interior Girder 2	0	0.95	1	1	207.573508
Annual Perm 2_serv	BOBJ1	1	0	After	Interior Girder 3	0	0.95	1	1	136.915065
Annual Perm 2_serv	BOBJ1	1	0	After	Interior Girder 4	0	0.95	1	1	136.915064
Annual Perm 2_serv	BOBJ1	1	0	After	Interior Girder 5	0	0.95	1	1	207.573507
Annual Perm 2_serv	BOBJ1	1	0	After	Interior Girder 6	0	0.95	1	1	323.728893
Annual Perm 2_serv	BOBJ1	1	0	After	Right Exterior Girder	0	0.95	1	1	234.901248
Annual Perm 2_serv	BOBJ1	2	9.4	Before	Left Exterior Girder	9.4	0.95	1	1	5.191043
Annual Perm 2_serv	BOBJ1	2	9.4	Before	Interior Girder 1	9.4	0.95	1	1	3.932677
Annual Perm 2_serv	BOBJ1	2	9.4	Before	Interior Girder 2	9.4	0.95	1	1	3.923002
Annual Perm 2_serv	BOBJ1	2	9.4	Before	Interior Girder 3	9.4	0.95	1	1	3.502105
Annual Perm 2_serv	BOBJ1	2	9.4	Before	Interior Girder 4	9.4	0.95	1	1	3.502105
Annual Perm 2_serv	BOBJ1	2	9.4	Before	Interior Girder 5	9.4	0.95	1	1	3.923002
Annual Perm 2_serv	BOBJ1	2	9.4	Before	Interior Girder 6	9.4	0.95	1	1	3.932677
Annual Perm 2_serv	BOBJ1	2	9.4	Before	Right Exterior Girder	9.4	0.95	1	1	5.191043
Annual Perm 2_serv	BOBJ1	3	9.4	After	Left Exterior Girder	9.4	0.95	1	1	5.24709
Annual Perm 2_serv	BOBJ1	3	9.4	After	Interior Girder 1	9.4	0.95	1	1	3.905123
Annual Perm 2_serv	BOBJ1	3	9.4	After	Interior Girder 2	9.4	0.95	1	1	4.01665
Annual Perm 2_serv	BOBJ1	3	9.4	After	Interior Girder 3	9.4	0.95	1	1	3.636074
Annual Perm 2_serv	BOBJ1	3	9.4	After	Interior Girder 4	9.4	0.95	1	1	3.636074
Annual Perm 2_serv	BOBJ1	3	9.4	After	Interior Girder 5	9.4	0.95	1	1	4.01665
Annual Perm 2_serv	BOBJ1	3	9.4	After	Interior Girder 6	9.4	0.95	1	1	3.905123
Annual Perm 2_serv	BOBJ1	3	9.4	After	Right Exterior Girder	9.4	0.95	1	1	5.24709
Annual Perm 2_serv	BOBJ1	4	18.8	Before	Left Exterior Girder	18.8	0.95	1	1	2.96416
Annual Perm 2_serv	BOBJ1	4	18.8	Before	Interior Girder 1	18.8	0.95	1	1	2.894433

TABLE: Bridge Super Rating AASHTORATE18 31 - SteelCompServ-Flx - Approach, Span 7-11										
Request	BridgeObj	BridgeCut	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	Unitless	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Annual Perm 2_serv	BOBJ1	4	18.8	Before	Interior Girder 2	18.8	0.95	1	1	3.112527
Annual Perm 2_serv	BOBJ1	4	18.8	Before	Interior Girder 3	18.8	0.95	1	1	3.019649
Annual Perm 2_serv	BOBJ1	4	18.8	Before	Interior Girder 4	18.8	0.95	1	1	3.019649
Annual Perm 2_serv	BOBJ1	4	18.8	Before	Interior Girder 5	18.8	0.95	1	1	3.112527
Annual Perm 2_serv	BOBJ1	4	18.8	Before	Interior Girder 6	18.8	0.95	1	1	2.894433
Annual Perm 2_serv	BOBJ1	4	18.8	Before	Right Exterior Girder	18.8	0.95	1	1	2.96416
Annual Perm 2_serv	BOBJ1	5	18.8	After	Left Exterior Girder	18.8	0.95	1	1	3.000848
Annual Perm 2_serv	BOBJ1	5	18.8	After	Interior Girder 1	18.8	0.95	1	1	2.86521
Annual Perm 2_serv	BOBJ1	5	18.8	After	Interior Girder 2	18.8	0.95	1	1	3.116418
Annual Perm 2_serv	BOBJ1	5	18.8	After	Interior Girder 3	18.8	0.95	1	1	3.044101
Annual Perm 2_serv	BOBJ1	5	18.8	After	Interior Girder 4	18.8	0.95	1	1	3.044101
Annual Perm 2_serv	BOBJ1	5	18.8	After	Interior Girder 5	18.8	0.95	1	1	3.116418
Annual Perm 2_serv	BOBJ1	5	18.8	After	Interior Girder 6	18.8	0.95	1	1	2.86521
Annual Perm 2_serv	BOBJ1	5	18.8	After	Right Exterior Girder	18.8	0.95	1	1	3.000848
Annual Perm 2_serv	BOBJ1	6	28.2	Before	Left Exterior Girder	28.2	0.95	1	1	3.195994
Annual Perm 2_serv	BOBJ1	6	28.2	Before	Interior Girder 1	28.2	0.95	1	1	2.746681
Annual Perm 2_serv	BOBJ1	6	28.2	Before	Interior Girder 2	28.2	0.95	1	1	2.939302
Annual Perm 2_serv	BOBJ1	6	28.2	Before	Interior Girder 3	28.2	0.95	1	1	2.727874
Annual Perm 2_serv	BOBJ1	6	28.2	Before	Interior Girder 4	28.2	0.95	1	1	2.727874
Annual Perm 2_serv	BOBJ1	6	28.2	Before	Interior Girder 5	28.2	0.95	1	1	2.939302
Annual Perm 2_serv	BOBJ1	6	28.2	Before	Interior Girder 6	28.2	0.95	1	1	2.746681
Annual Perm 2_serv	BOBJ1	6	28.2	Before	Right Exterior Girder	28.2	0.95	1	1	3.195994
Annual Perm 2_serv	BOBJ1	7	28.2	After	Left Exterior Girder	28.2	0.95	1	1	3.179331
Annual Perm 2_serv	BOBJ1	7	28.2	After	Interior Girder 1	28.2	0.95	1	1	2.753868
Annual Perm 2_serv	BOBJ1	7	28.2	After	Interior Girder 2	28.2	0.95	1	1	2.932243
Annual Perm 2_serv	BOBJ1	7	28.2	After	Interior Girder 3	28.2	0.95	1	1	2.713573
Annual Perm 2_serv	BOBJ1	7	28.2	After	Interior Girder 4	28.2	0.95	1	1	2.713573
Annual Perm 2_serv	BOBJ1	7	28.2	After	Interior Girder 5	28.2	0.95	1	1	2.932243
Annual Perm 2_serv	BOBJ1	7	28.2	After	Interior Girder 6	28.2	0.95	1	1	2.753868
Annual Perm 2_serv	BOBJ1	7	28.2	After	Right Exterior Girder	28.2	0.95	1	1	3.179331
Annual Perm 2_serv	BOBJ1	8	37.6	Before	Left Exterior Girder	37.6	0.95	1	1	4.547274
Annual Perm 2_serv	BOBJ1	8	37.6	Before	Interior Girder 1	37.6	0.95	1	1	4.126065
Annual Perm 2_serv	BOBJ1	8	37.6	Before	Interior Girder 2	37.6	0.95	1	1	4.380677
Annual Perm 2_serv	BOBJ1	8	37.6	Before	Interior Girder 3	37.6	0.95	1	1	4.232453
Annual Perm 2_serv	BOBJ1	8	37.6	Before	Interior Girder 4	37.6	0.95	1	1	4.232453
Annual Perm 2_serv	BOBJ1	8	37.6	Before	Interior Girder 5	37.6	0.95	1	1	4.380677
Annual Perm 2_serv	BOBJ1	8	37.6	Before	Interior Girder 6	37.6	0.95	1	1	4.126065
Annual Perm 2_serv	BOBJ1	8	37.6	Before	Right Exterior Girder	37.6	0.95	1	1	4.547274
Annual Perm 2_serv	BOBJ1	9	37.6	After	Left Exterior Girder	37.6	0.95	1	1	4.445887
Annual Perm 2_serv	BOBJ1	9	37.6	After	Interior Girder 1	37.6	0.95	1	1	4.20234
Annual Perm 2_serv	BOBJ1	9	37.6	After	Interior Girder 2	37.6	0.95	1	1	4.369009
Annual Perm 2_serv	BOBJ1	9	37.6	After	Interior Girder 3	37.6	0.95	1	1	4.144336
Annual Perm 2_serv	BOBJ1	9	37.6	After	Interior Girder 4	37.6	0.95	1	1	4.144336
Annual Perm 2_serv	BOBJ1	9	37.6	After	Interior Girder 5	37.6	0.95	1	1	4.369009
Annual Perm 2_serv	BOBJ1	9	37.6	After	Interior Girder 6	37.6	0.95	1	1	4.20234
Annual Perm 2_serv	BOBJ1	9	37.6	After	Right Exterior Girder	37.6	0.95	1	1	4.445887
Annual Perm 2_serv	BOBJ1	10	47.01	Before	Left Exterior Girder	47.01	0.95	1	1	3.320899
Annual Perm 2_serv	BOBJ1	10	47.01	Before	Interior Girder 1	47.01	0.95	1	1	3.457058
Annual Perm 2_serv	BOBJ1	10	47.01	Before	Interior Girder 2	47.01	0.95	1	1	3.977934
Annual Perm 2_serv	BOBJ1	10	47.01	Before	Interior Girder 3	47.01	0.95	1	1	3.900614
Annual Perm 2_serv	BOBJ1	10	47.01	Before	Interior Girder 4	47.01	0.95	1	1	3.900614
Annual Perm 2_serv	BOBJ1	10	47.01	Before	Interior Girder 5	47.01	0.95	1	1	3.977934
Annual Perm 2_serv	BOBJ1	10	47.01	Before	Interior Girder 6	47.01	0.95	1	1	3.457058
Annual Perm 2_serv	BOBJ1	10	47.01	Before	Right Exterior Girder	47.01	0.95	1	1	3.320899
Annual Perm 2_serv	BOBJ1	11	47.01	After	Left Exterior Girder	47.01	0.95	1	1	3.392691
Annual Perm 2_serv	BOBJ1	11	47.01	After	Interior Girder 1	47.01	0.95	1	1	3.388433
Annual Perm 2_serv	BOBJ1	11	47.01	After	Interior Girder 2	47.01	0.95	1	1	3.940396
Annual Perm 2_serv	BOBJ1	11	47.01	After	Interior Girder 3	47.01	0.95	1	1	3.874802
Annual Perm 2_serv	BOBJ1	11	47.01	After	Interior Girder 4	47.01	0.95	1	1	3.874802
Annual Perm 2_serv	BOBJ1	11	47.01	After	Interior Girder 5	47.01	0.95	1	1	3.940396
Annual Perm 2_serv	BOBJ1	11	47.01	After	Interior Girder 6	47.01	0.95	1	1	3.388433
Annual Perm 2_serv	BOBJ1	11	47.01	After	Right Exterior Girder	47.01	0.95	1	1	3.392691
Annual Perm 2_serv	BOBJ1	12	49.42	Before	Left Exterior Girder	49.42	0.95	1	1	2.891329
Annual Perm 2_serv	BOBJ1	12	49.42	Before	Right Exterior Girder	49.42	0.95	1	1	2.891329
Annual Perm 2_serv	BOBJ1	13	49.42	After	Left Exterior Girder	49.42	0.95	1	1	4.99825
Annual Perm 2_serv	BOBJ1	13	49.42	After	Right Exterior Girder	49.42	0.95	1	1	4.99825
Annual Perm 2_serv	BOBJ1	14	51.92	Before	Interior Girder 1	51.92	0.95	1	1	2.661014
Annual Perm 2_serv	BOBJ1	14	51.92	Before	Interior Girder 2	51.92	0.95	1	1	3.080868
Annual Perm 2_serv	BOBJ1	14	51.92	Before	Interior Girder 3	51.92	0.95	1	1	2.815966
Annual Perm 2_serv	BOBJ1	14	51.92	Before	Interior Girder 4	51.92	0.95	1	1	2.815966
Annual Perm 2_serv	BOBJ1	14	51.92	Before	Interior Girder 5	51.92	0.95	1	1	3.080868
Annual Perm 2_serv	BOBJ1	14	51.92	Before	Interior Girder 6	51.92	0.95	1	1	2.661014
Annual Perm 2_serv	BOBJ1	15	51.92	After	Interior Girder 1	51.92	0.95	1	1	3.249725

TABLE: Bridge Super Rating AASHTORATE18 31 - SteelICompServ-Flx - Approach, Span 7-11										
Request	BridgeObj	BridgeCut	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	Unitless	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Annual Perm 2_serv	BOBJ1	15	51.92	After	Interior Girder 2	51.92	0.95	1	1	3.693879
Annual Perm 2_serv	BOBJ1	15	51.92	After	Interior Girder 3	51.92	0.95	1	1	3.387091
Annual Perm 2_serv	BOBJ1	15	51.92	After	Interior Girder 4	51.92	0.95	1	1	3.387091
Annual Perm 2_serv	BOBJ1	15	51.92	After	Interior Girder 5	51.92	0.95	1	1	3.693879
Annual Perm 2_serv	BOBJ1	15	51.92	After	Interior Girder 6	51.92	0.95	1	1	3.249725
Annual Perm 2_serv	BOBJ1	16	56.42	Before	Left Exterior Girder	56.42	0.95	1	1	3.149949
Annual Perm 2_serv	BOBJ1	16	56.42	Before	Interior Girder 1	56.42	0.95	1	1	2.014786
Annual Perm 2_serv	BOBJ1	16	56.42	Before	Interior Girder 2	56.42	0.95	1	1	2.118824
Annual Perm 2_serv	BOBJ1	16	56.42	Before	Interior Girder 3	56.42	0.95	1	1	1.656478
Annual Perm 2_serv	BOBJ1	16	56.42	Before	Interior Girder 4	56.42	0.95	1	1	1.656478
Annual Perm 2_serv	BOBJ1	16	56.42	Before	Interior Girder 5	56.42	0.95	1	1	2.118824
Annual Perm 2_serv	BOBJ1	16	56.42	Before	Interior Girder 6	56.42	0.95	1	1	2.014786
Annual Perm 2_serv	BOBJ1	16	56.42	Before	Right Exterior Girder	56.42	0.95	1	1	3.149949
Annual Perm 2_serv	BOBJ1	17	56.42	After	Left Exterior Girder	0	0.95	1	1	3.192975
Annual Perm 2_serv	BOBJ1	17	56.42	After	Interior Girder 1	0	0.95	1	1	2.013794
Annual Perm 2_serv	BOBJ1	17	56.42	After	Interior Girder 2	0	0.95	1	1	2.11715
Annual Perm 2_serv	BOBJ1	17	56.42	After	Interior Girder 3	0	0.95	1	1	1.646305
Annual Perm 2_serv	BOBJ1	17	56.42	After	Interior Girder 4	0	0.95	1	1	1.646305
Annual Perm 2_serv	BOBJ1	17	56.42	After	Interior Girder 5	0	0.95	1	1	2.11715
Annual Perm 2_serv	BOBJ1	17	56.42	After	Interior Girder 6	0	0.95	1	1	2.013794
Annual Perm 2_serv	BOBJ1	17	56.42	After	Right Exterior Girder	0	0.95	1	1	3.192975
Annual Perm 2_serv	BOBJ1	18	60.92	Before	Interior Girder 1	4.5	0.95	1	1	3.976009
Annual Perm 2_serv	BOBJ1	18	60.92	Before	Interior Girder 2	4.5	0.95	1	1	4.207945
Annual Perm 2_serv	BOBJ1	18	60.92	Before	Interior Girder 3	4.5	0.95	1	1	3.475976
Annual Perm 2_serv	BOBJ1	18	60.92	Before	Interior Girder 4	4.5	0.95	1	1	3.475976
Annual Perm 2_serv	BOBJ1	18	60.92	Before	Interior Girder 5	4.5	0.95	1	1	4.207945
Annual Perm 2_serv	BOBJ1	18	60.92	Before	Interior Girder 6	4.5	0.95	1	1	3.976009
Annual Perm 2_serv	BOBJ1	19	60.92	After	Interior Girder 1	4.5	0.95	1	1	3.212666
Annual Perm 2_serv	BOBJ1	19	60.92	After	Interior Girder 2	4.5	0.95	1	1	3.47682
Annual Perm 2_serv	BOBJ1	19	60.92	After	Interior Girder 3	4.5	0.95	1	1	2.823299
Annual Perm 2_serv	BOBJ1	19	60.92	After	Interior Girder 4	4.5	0.95	1	1	2.823299
Annual Perm 2_serv	BOBJ1	19	60.92	After	Interior Girder 5	4.5	0.95	1	1	3.47682
Annual Perm 2_serv	BOBJ1	19	60.92	After	Interior Girder 6	4.5	0.95	1	1	3.212666
Annual Perm 2_serv	BOBJ1	20	63.42	Before	Left Exterior Girder	7	0.95	1	1	6.774399
Annual Perm 2_serv	BOBJ1	20	63.42	Before	Right Exterior Girder	7	0.95	1	1	6.774399
Annual Perm 2_serv	BOBJ1	21	63.42	After	Left Exterior Girder	7	0.95	1	1	3.899112
Annual Perm 2_serv	BOBJ1	21	63.42	After	Right Exterior Girder	7	0.95	1	1	3.899112
Annual Perm 2_serv	BOBJ1	22	64.845	Before	Left Exterior Girder	8.425	0.95	1	1	4.278482
Annual Perm 2_serv	BOBJ1	22	64.845	Before	Interior Girder 1	8.425	0.95	1	1	4.089598
Annual Perm 2_serv	BOBJ1	22	64.845	Before	Interior Girder 2	8.425	0.95	1	1	4.541149
Annual Perm 2_serv	BOBJ1	22	64.845	Before	Interior Girder 3	8.425	0.95	1	1	4.218357
Annual Perm 2_serv	BOBJ1	22	64.845	Before	Interior Girder 4	8.425	0.95	1	1	4.218357
Annual Perm 2_serv	BOBJ1	22	64.845	Before	Interior Girder 5	8.425	0.95	1	1	4.541149
Annual Perm 2_serv	BOBJ1	22	64.845	Before	Interior Girder 6	8.425	0.95	1	1	4.089598
Annual Perm 2_serv	BOBJ1	22	64.845	Before	Right Exterior Girder	8.425	0.95	1	1	4.278482
Annual Perm 2_serv	BOBJ1	23	64.845	After	Left Exterior Girder	8.425	0.95	1	1	4.230144
Annual Perm 2_serv	BOBJ1	23	64.845	After	Interior Girder 1	8.425	0.95	1	1	4.13865
Annual Perm 2_serv	BOBJ1	23	64.845	After	Interior Girder 2	8.425	0.95	1	1	4.589957
Annual Perm 2_serv	BOBJ1	23	64.845	After	Interior Girder 3	8.425	0.95	1	1	4.249386
Annual Perm 2_serv	BOBJ1	23	64.845	After	Interior Girder 4	8.425	0.95	1	1	4.249386
Annual Perm 2_serv	BOBJ1	23	64.845	After	Interior Girder 5	8.425	0.95	1	1	4.589957
Annual Perm 2_serv	BOBJ1	23	64.845	After	Interior Girder 6	8.425	0.95	1	1	4.13865
Annual Perm 2_serv	BOBJ1	23	64.845	After	Right Exterior Girder	8.425	0.95	1	1	4.230144
Annual Perm 2_serv	BOBJ1	24	69.92	Before	Left Exterior Girder	13.5	0.95	1	1	5.612585
Annual Perm 2_serv	BOBJ1	24	69.92	Before	Interior Girder 1	13.5	0.95	1	1	5.196776
Annual Perm 2_serv	BOBJ1	24	69.92	Before	Interior Girder 2	13.5	0.95	1	1	5.847417
Annual Perm 2_serv	BOBJ1	24	69.92	Before	Interior Girder 3	13.5	0.95	1	1	6.014062
Annual Perm 2_serv	BOBJ1	24	69.92	Before	Interior Girder 4	13.5	0.95	1	1	6.014062
Annual Perm 2_serv	BOBJ1	24	69.92	Before	Interior Girder 5	13.5	0.95	1	1	5.847417
Annual Perm 2_serv	BOBJ1	24	69.92	Before	Interior Girder 6	13.5	0.95	1	1	5.196776
Annual Perm 2_serv	BOBJ1	24	69.92	Before	Right Exterior Girder	13.5	0.95	1	1	5.612585
Annual Perm 2_serv	BOBJ1	25	69.92	After	Left Exterior Girder	13.5	0.95	1	1	4.816713
Annual Perm 2_serv	BOBJ1	25	69.92	After	Interior Girder 1	13.5	0.95	1	1	4.861279
Annual Perm 2_serv	BOBJ1	25	69.92	After	Interior Girder 2	13.5	0.95	1	1	5.483641
Annual Perm 2_serv	BOBJ1	25	69.92	After	Interior Girder 3	13.5	0.95	1	1	5.622994
Annual Perm 2_serv	BOBJ1	25	69.92	After	Interior Girder 4	13.5	0.95	1	1	5.622994
Annual Perm 2_serv	BOBJ1	25	69.92	After	Interior Girder 5	13.5	0.95	1	1	5.483641
Annual Perm 2_serv	BOBJ1	25	69.92	After	Interior Girder 6	13.5	0.95	1	1	4.861279
Annual Perm 2_serv	BOBJ1	25	69.92	After	Right Exterior Girder	13.5	0.95	1	1	4.816713
Annual Perm 2_serv	BOBJ1	26	73.27	Before	Left Exterior Girder	16.85	0.95	1	1	5.395309
Annual Perm 2_serv	BOBJ1	26	73.27	Before	Interior Girder 1	16.85	0.95	1	1	5.08713
Annual Perm 2_serv	BOBJ1	26	73.27	Before	Interior Girder 2	16.85	0.95	1	1	5.242655
Annual Perm 2_serv	BOBJ1	26	73.27	Before	Interior Girder 3	16.85	0.95	1	1	5.032622

TABLE: Bridge Super Rating AASHTORATE18 31 - SteelICompServ-Flx - Approach, Span 7-11										
Request	BridgeObj	BridgeCut	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	Unitless	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Annual Perm 2_serv	BOBJ1	26	73.27	Before	Interior Girder 4	16.85	0.95	1	1	5.032622
Annual Perm 2_serv	BOBJ1	26	73.27	Before	Interior Girder 5	16.85	0.95	1	1	5.242655
Annual Perm 2_serv	BOBJ1	26	73.27	Before	Interior Girder 6	16.85	0.95	1	1	5.08713
Annual Perm 2_serv	BOBJ1	26	73.27	Before	Right Exterior Girder	16.85	0.95	1	1	5.395309
Annual Perm 2_serv	BOBJ1	27	73.27	After	Left Exterior Girder	16.85	0.95	1	1	5.530329
Annual Perm 2_serv	BOBJ1	27	73.27	After	Interior Girder 1	16.85	0.95	1	1	4.97479
Annual Perm 2_serv	BOBJ1	27	73.27	After	Interior Girder 2	16.85	0.95	1	1	5.205881
Annual Perm 2_serv	BOBJ1	27	73.27	After	Interior Girder 3	16.85	0.95	1	1	5.076535
Annual Perm 2_serv	BOBJ1	27	73.27	After	Interior Girder 4	16.85	0.95	1	1	5.076535
Annual Perm 2_serv	BOBJ1	27	73.27	After	Interior Girder 5	16.85	0.95	1	1	5.205881
Annual Perm 2_serv	BOBJ1	27	73.27	After	Interior Girder 6	16.85	0.95	1	1	4.97479
Annual Perm 2_serv	BOBJ1	27	73.27	After	Right Exterior Girder	16.85	0.95	1	1	5.530329
Annual Perm 2_serv	BOBJ1	28	81.695	Before	Left Exterior Girder	25.275	0.95	1	1	3.177445
Annual Perm 2_serv	BOBJ1	28	81.695	Before	Interior Girder 1	25.275	0.95	1	1	2.92521
Annual Perm 2_serv	BOBJ1	28	81.695	Before	Interior Girder 2	25.275	0.95	1	1	3.118263
Annual Perm 2_serv	BOBJ1	28	81.695	Before	Interior Girder 3	25.275	0.95	1	1	2.912968
Annual Perm 2_serv	BOBJ1	28	81.695	Before	Interior Girder 4	25.275	0.95	1	1	2.912968
Annual Perm 2_serv	BOBJ1	28	81.695	Before	Interior Girder 5	25.275	0.95	1	1	3.118263
Annual Perm 2_serv	BOBJ1	28	81.695	Before	Interior Girder 6	25.275	0.95	1	1	2.92521
Annual Perm 2_serv	BOBJ1	28	81.695	Before	Right Exterior Girder	25.275	0.95	1	1	3.177445
Annual Perm 2_serv	BOBJ1	29	81.695	After	Left Exterior Girder	25.275	0.95	1	1	3.242521
Annual Perm 2_serv	BOBJ1	29	81.695	After	Interior Girder 1	25.275	0.95	1	1	2.89416
Annual Perm 2_serv	BOBJ1	29	81.695	After	Interior Girder 2	25.275	0.95	1	1	3.113405
Annual Perm 2_serv	BOBJ1	29	81.695	After	Interior Girder 3	25.275	0.95	1	1	2.949072
Annual Perm 2_serv	BOBJ1	29	81.695	After	Interior Girder 4	25.275	0.95	1	1	2.949072
Annual Perm 2_serv	BOBJ1	29	81.695	After	Interior Girder 5	25.275	0.95	1	1	3.113405
Annual Perm 2_serv	BOBJ1	29	81.695	After	Interior Girder 6	25.275	0.95	1	1	2.89416
Annual Perm 2_serv	BOBJ1	29	81.695	After	Right Exterior Girder	25.275	0.95	1	1	3.242521
Annual Perm 2_serv	BOBJ1	30	90.12	Before	Left Exterior Girder	33.7	0.95	1	1	2.545048
Annual Perm 2_serv	BOBJ1	30	90.12	Before	Interior Girder 1	33.7	0.95	1	1	2.708393
Annual Perm 2_serv	BOBJ1	30	90.12	Before	Interior Girder 2	33.7	0.95	1	1	3.043599
Annual Perm 2_serv	BOBJ1	30	90.12	Before	Interior Girder 3	33.7	0.95	1	1	3.062957
Annual Perm 2_serv	BOBJ1	30	90.12	Before	Interior Girder 4	33.7	0.95	1	1	3.062957
Annual Perm 2_serv	BOBJ1	30	90.12	Before	Interior Girder 5	33.7	0.95	1	1	3.043599
Annual Perm 2_serv	BOBJ1	30	90.12	Before	Interior Girder 6	33.7	0.95	1	1	2.708393
Annual Perm 2_serv	BOBJ1	30	90.12	Before	Right Exterior Girder	33.7	0.95	1	1	2.545048
Annual Perm 2_serv	BOBJ1	31	90.12	After	Left Exterior Girder	33.7	0.95	1	1	2.547305
Annual Perm 2_serv	BOBJ1	31	90.12	After	Interior Girder 1	33.7	0.95	1	1	2.707379
Annual Perm 2_serv	BOBJ1	31	90.12	After	Interior Girder 2	33.7	0.95	1	1	3.044468
Annual Perm 2_serv	BOBJ1	31	90.12	After	Interior Girder 3	33.7	0.95	1	1	3.06047
Annual Perm 2_serv	BOBJ1	31	90.12	After	Interior Girder 4	33.7	0.95	1	1	3.06047
Annual Perm 2_serv	BOBJ1	31	90.12	After	Interior Girder 5	33.7	0.95	1	1	3.044468
Annual Perm 2_serv	BOBJ1	31	90.12	After	Interior Girder 6	33.7	0.95	1	1	2.707379
Annual Perm 2_serv	BOBJ1	31	90.12	After	Right Exterior Girder	33.7	0.95	1	1	2.547305
Annual Perm 2_serv	BOBJ1	32	98.545	Before	Left Exterior Girder	42.125	0.95	1	1	3.154482
Annual Perm 2_serv	BOBJ1	32	98.545	Before	Interior Girder 1	42.125	0.95	1	1	2.854116
Annual Perm 2_serv	BOBJ1	32	98.545	Before	Interior Girder 2	42.125	0.95	1	1	3.090255
Annual Perm 2_serv	BOBJ1	32	98.545	Before	Interior Girder 3	42.125	0.95	1	1	2.932003
Annual Perm 2_serv	BOBJ1	32	98.545	Before	Interior Girder 4	42.125	0.95	1	1	2.932003
Annual Perm 2_serv	BOBJ1	32	98.545	Before	Interior Girder 5	42.125	0.95	1	1	3.090255
Annual Perm 2_serv	BOBJ1	32	98.545	Before	Interior Girder 6	42.125	0.95	1	1	2.854116
Annual Perm 2_serv	BOBJ1	32	98.545	Before	Right Exterior Girder	42.125	0.95	1	1	3.154482
Annual Perm 2_serv	BOBJ1	33	98.545	After	Left Exterior Girder	42.125	0.95	1	1	3.101726
Annual Perm 2_serv	BOBJ1	33	98.545	After	Interior Girder 1	42.125	0.95	1	1	2.8825
Annual Perm 2_serv	BOBJ1	33	98.545	After	Interior Girder 2	42.125	0.95	1	1	3.091841
Annual Perm 2_serv	BOBJ1	33	98.545	After	Interior Girder 3	42.125	0.95	1	1	2.896418
Annual Perm 2_serv	BOBJ1	33	98.545	After	Interior Girder 4	42.125	0.95	1	1	2.896418
Annual Perm 2_serv	BOBJ1	33	98.545	After	Interior Girder 5	42.125	0.95	1	1	3.091841
Annual Perm 2_serv	BOBJ1	33	98.545	After	Interior Girder 6	42.125	0.95	1	1	2.8825
Annual Perm 2_serv	BOBJ1	33	98.545	After	Right Exterior Girder	42.125	0.95	1	1	3.101726
Annual Perm 2_serv	BOBJ1	34	106.97	Before	Left Exterior Girder	50.55	0.95	1	1	4.574503
Annual Perm 2_serv	BOBJ1	34	106.97	Before	Interior Girder 1	50.55	0.95	1	1	4.657472
Annual Perm 2_serv	BOBJ1	34	106.97	Before	Interior Girder 2	50.55	0.95	1	1	5.062102
Annual Perm 2_serv	BOBJ1	34	106.97	Before	Interior Girder 3	50.55	0.95	1	1	4.934305
Annual Perm 2_serv	BOBJ1	34	106.97	Before	Interior Girder 4	50.55	0.95	1	1	4.934305
Annual Perm 2_serv	BOBJ1	34	106.97	Before	Interior Girder 5	50.55	0.95	1	1	5.062102
Annual Perm 2_serv	BOBJ1	34	106.97	Before	Interior Girder 6	50.55	0.95	1	1	4.657472
Annual Perm 2_serv	BOBJ1	34	106.97	Before	Right Exterior Girder	50.55	0.95	1	1	4.574503
Annual Perm 2_serv	BOBJ1	35	106.97	After	Left Exterior Girder	50.55	0.95	1	1	4.623567
Annual Perm 2_serv	BOBJ1	35	106.97	After	Interior Girder 1	50.55	0.95	1	1	4.624865
Annual Perm 2_serv	BOBJ1	35	106.97	After	Interior Girder 2	50.55	0.95	1	1	5.060823
Annual Perm 2_serv	BOBJ1	35	106.97	After	Interior Girder 3	50.55	0.95	1	1	4.801413
Annual Perm 2_serv	BOBJ1	35	106.97	After	Interior Girder 4	50.55	0.95	1	1	4.801413

TABLE: Bridge Super Rating AASHTORATE18 31 - SteelICompServ-Flx - Approach, Span 7-11										
Request	BridgeObj	BridgeCut	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	Unitless	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Annual Perm 2_serv	BOBJ1	35	106.97	After	Interior Girder 5	50.55	0.95	1	1	5.060823
Annual Perm 2_serv	BOBJ1	35	106.97	After	Interior Girder 6	50.55	0.95	1	1	4.624865
Annual Perm 2_serv	BOBJ1	35	106.97	After	Right Exterior Girder	50.55	0.95	1	1	4.623567
Annual Perm 2_serv	BOBJ1	36	115.405	Before	Left Exterior Girder	58.985	0.95	1	1	2.870314
Annual Perm 2_serv	BOBJ1	36	115.405	Before	Interior Girder 1	58.985	0.95	1	1	3.157629
Annual Perm 2_serv	BOBJ1	36	115.405	Before	Interior Girder 2	58.985	0.95	1	1	3.650976
Annual Perm 2_serv	BOBJ1	36	115.405	Before	Interior Girder 3	58.985	0.95	1	1	3.525089
Annual Perm 2_serv	BOBJ1	36	115.405	Before	Interior Girder 4	58.985	0.95	1	1	3.525089
Annual Perm 2_serv	BOBJ1	36	115.405	Before	Interior Girder 5	58.985	0.95	1	1	3.650976
Annual Perm 2_serv	BOBJ1	36	115.405	Before	Interior Girder 6	58.985	0.95	1	1	3.157629
Annual Perm 2_serv	BOBJ1	36	115.405	Before	Right Exterior Girder	58.985	0.95	1	1	2.870314
Annual Perm 2_serv	BOBJ1	37	115.405	After	Left Exterior Girder	58.985	0.95	1	1	2.940866
Annual Perm 2_serv	BOBJ1	37	115.405	After	Interior Girder 1	58.985	0.95	1	1	3.088869
Annual Perm 2_serv	BOBJ1	37	115.405	After	Interior Girder 2	58.985	0.95	1	1	3.624596
Annual Perm 2_serv	BOBJ1	37	115.405	After	Interior Girder 3	58.985	0.95	1	1	3.50686
Annual Perm 2_serv	BOBJ1	37	115.405	After	Interior Girder 4	58.985	0.95	1	1	3.50686
Annual Perm 2_serv	BOBJ1	37	115.405	After	Interior Girder 5	58.985	0.95	1	1	3.624596
Annual Perm 2_serv	BOBJ1	37	115.405	After	Interior Girder 6	58.985	0.95	1	1	3.088869
Annual Perm 2_serv	BOBJ1	37	115.405	After	Right Exterior Girder	58.985	0.95	1	1	2.940866
Annual Perm 2_serv	BOBJ1	38	116.34	Before	Left Exterior Girder	59.92	0.95	1	1	2.72569
Annual Perm 2_serv	BOBJ1	38	116.34	Before	Right Exterior Girder	59.92	0.95	1	1	2.72569
Annual Perm 2_serv	BOBJ1	39	116.34	After	Left Exterior Girder	59.92	0.95	1	1	5.412746
Annual Perm 2_serv	BOBJ1	39	116.34	After	Right Exterior Girder	59.92	0.95	1	1	5.412746
Annual Perm 2_serv	BOBJ1	40	118.84	Before	Interior Girder 1	62.42	0.95	1	1	2.60514
Annual Perm 2_serv	BOBJ1	40	118.84	Before	Interior Girder 2	62.42	0.95	1	1	3.033996
Annual Perm 2_serv	BOBJ1	40	118.84	Before	Interior Girder 3	62.42	0.95	1	1	2.768472
Annual Perm 2_serv	BOBJ1	40	118.84	Before	Interior Girder 4	62.42	0.95	1	1	2.768472
Annual Perm 2_serv	BOBJ1	40	118.84	Before	Interior Girder 5	62.42	0.95	1	1	3.033996
Annual Perm 2_serv	BOBJ1	40	118.84	Before	Interior Girder 6	62.42	0.95	1	1	2.60514
Annual Perm 2_serv	BOBJ1	41	118.84	After	Interior Girder 1	62.42	0.95	1	1	3.623825
Annual Perm 2_serv	BOBJ1	41	118.84	After	Interior Girder 2	62.42	0.95	1	1	4.131705
Annual Perm 2_serv	BOBJ1	41	118.84	After	Interior Girder 3	62.42	0.95	1	1	3.793268
Annual Perm 2_serv	BOBJ1	41	118.84	After	Interior Girder 4	62.42	0.95	1	1	3.793268
Annual Perm 2_serv	BOBJ1	41	118.84	After	Interior Girder 5	62.42	0.95	1	1	4.131705
Annual Perm 2_serv	BOBJ1	41	118.84	After	Interior Girder 6	62.42	0.95	1	1	3.623825
Annual Perm 2_serv	BOBJ1	42	123.84	Before	Left Exterior Girder	67.42	0.95	1	1	3.161488
Annual Perm 2_serv	BOBJ1	42	123.84	Before	Interior Girder 1	67.42	0.95	1	1	2.128429
Annual Perm 2_serv	BOBJ1	42	123.84	Before	Interior Girder 2	67.42	0.95	1	1	2.259105
Annual Perm 2_serv	BOBJ1	42	123.84	Before	Interior Girder 3	67.42	0.95	1	1	1.771428
Annual Perm 2_serv	BOBJ1	42	123.84	Before	Interior Girder 4	67.42	0.95	1	1	1.771428
Annual Perm 2_serv	BOBJ1	42	123.84	Before	Interior Girder 5	67.42	0.95	1	1	2.259105
Annual Perm 2_serv	BOBJ1	42	123.84	Before	Interior Girder 6	67.42	0.95	1	1	2.128429
Annual Perm 2_serv	BOBJ1	42	123.84	Before	Right Exterior Girder	67.42	0.95	1	1	3.161488
Annual Perm 2_serv	BOBJ1	43	123.84	After	Left Exterior Girder	0	0.95	1	1	3.170086
Annual Perm 2_serv	BOBJ1	43	123.84	After	Interior Girder 1	0	0.95	1	1	2.126494
Annual Perm 2_serv	BOBJ1	43	123.84	After	Interior Girder 2	0	0.95	1	1	2.259614
Annual Perm 2_serv	BOBJ1	43	123.84	After	Interior Girder 3	0	0.95	1	1	1.768349
Annual Perm 2_serv	BOBJ1	43	123.84	After	Interior Girder 4	0	0.95	1	1	1.768349
Annual Perm 2_serv	BOBJ1	43	123.84	After	Interior Girder 5	0	0.95	1	1	2.259614
Annual Perm 2_serv	BOBJ1	43	123.84	After	Interior Girder 6	0	0.95	1	1	2.126494
Annual Perm 2_serv	BOBJ1	43	123.84	After	Right Exterior Girder	0	0.95	1	1	3.170086
Annual Perm 2_serv	BOBJ1	44	128.84	Before	Interior Girder 1	5	0.95	1	1	3.712703
Annual Perm 2_serv	BOBJ1	44	128.84	Before	Interior Girder 2	5	0.95	1	1	4.215208
Annual Perm 2_serv	BOBJ1	44	128.84	Before	Interior Girder 3	5	0.95	1	1	3.846481
Annual Perm 2_serv	BOBJ1	44	128.84	Before	Interior Girder 4	5	0.95	1	1	3.846481
Annual Perm 2_serv	BOBJ1	44	128.84	Before	Interior Girder 5	5	0.95	1	1	4.215208
Annual Perm 2_serv	BOBJ1	44	128.84	Before	Interior Girder 6	5	0.95	1	1	3.712703
Annual Perm 2_serv	BOBJ1	45	128.84	After	Interior Girder 1	5	0.95	1	1	2.670187
Annual Perm 2_serv	BOBJ1	45	128.84	After	Interior Girder 2	5	0.95	1	1	3.097094
Annual Perm 2_serv	BOBJ1	45	128.84	After	Interior Girder 3	5	0.95	1	1	2.809388
Annual Perm 2_serv	BOBJ1	45	128.84	After	Interior Girder 4	5	0.95	1	1	2.809388
Annual Perm 2_serv	BOBJ1	45	128.84	After	Interior Girder 5	5	0.95	1	1	3.097094
Annual Perm 2_serv	BOBJ1	45	128.84	After	Interior Girder 6	5	0.95	1	1	2.670187
Annual Perm 2_serv	BOBJ1	46	131.34	Before	Left Exterior Girder	7.5	0.95	1	1	5.57873
Annual Perm 2_serv	BOBJ1	46	131.34	Before	Right Exterior Girder	7.5	0.95	1	1	5.57873
Annual Perm 2_serv	BOBJ1	47	131.34	After	Left Exterior Girder	7.5	0.95	1	1	2.811348
Annual Perm 2_serv	BOBJ1	47	131.34	After	Right Exterior Girder	7.5	0.95	1	1	2.811348
Annual Perm 2_serv	BOBJ1	48	132.265	Before	Left Exterior Girder	8.425	0.95	1	1	3.01915
Annual Perm 2_serv	BOBJ1	48	132.265	Before	Interior Girder 1	8.425	0.95	1	1	3.163114
Annual Perm 2_serv	BOBJ1	48	132.265	Before	Interior Girder 2	8.425	0.95	1	1	3.698937
Annual Perm 2_serv	BOBJ1	48	132.265	Before	Interior Girder 3	8.425	0.95	1	1	3.559576
Annual Perm 2_serv	BOBJ1	48	132.265	Before	Interior Girder 4	8.425	0.95	1	1	3.559576
Annual Perm 2_serv	BOBJ1	48	132.265	Before	Interior Girder 5	8.425	0.95	1	1	3.698937

TABLE: Bridge Super Rating AASHTORATE18 31 - SteelICompServ-Flx - Approach, Span 7-11										
Request	BridgeObj	BridgeCut	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	Unitless	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Annual Perm 2_serv	BOBJ1	48	132.265	Before	Interior Girder 6	8.425	0.95	1	1	3.163114
Annual Perm 2_serv	BOBJ1	48	132.265	Before	Right Exterior Girder	8.425	0.95	1	1	3.01915
Annual Perm 2_serv	BOBJ1	49	132.265	After	Left Exterior Girder	8.425	0.95	1	1	2.947011
Annual Perm 2_serv	BOBJ1	49	132.265	After	Interior Girder 1	8.425	0.95	1	1	3.233475
Annual Perm 2_serv	BOBJ1	49	132.265	After	Interior Girder 2	8.425	0.95	1	1	3.725699
Annual Perm 2_serv	BOBJ1	49	132.265	After	Interior Girder 3	8.425	0.95	1	1	3.580098
Annual Perm 2_serv	BOBJ1	49	132.265	After	Interior Girder 4	8.425	0.95	1	1	3.580098
Annual Perm 2_serv	BOBJ1	49	132.265	After	Interior Girder 5	8.425	0.95	1	1	3.725699
Annual Perm 2_serv	BOBJ1	49	132.265	After	Interior Girder 6	8.425	0.95	1	1	3.233475
Annual Perm 2_serv	BOBJ1	49	132.265	After	Right Exterior Girder	8.425	0.95	1	1	2.947011
Annual Perm 2_serv	BOBJ1	50	140.69	Before	Left Exterior Girder	16.85	0.95	1	1	4.738266
Annual Perm 2_serv	BOBJ1	50	140.69	Before	Interior Girder 1	16.85	0.95	1	1	4.729061
Annual Perm 2_serv	BOBJ1	50	140.69	Before	Interior Girder 2	16.85	0.95	1	1	5.080626
Annual Perm 2_serv	BOBJ1	50	140.69	Before	Interior Girder 3	16.85	0.95	1	1	4.827904
Annual Perm 2_serv	BOBJ1	50	140.69	Before	Interior Girder 4	16.85	0.95	1	1	4.827904
Annual Perm 2_serv	BOBJ1	50	140.69	Before	Interior Girder 5	16.85	0.95	1	1	5.080626
Annual Perm 2_serv	BOBJ1	50	140.69	Before	Interior Girder 6	16.85	0.95	1	1	4.729061
Annual Perm 2_serv	BOBJ1	50	140.69	Before	Right Exterior Girder	16.85	0.95	1	1	4.738266
Annual Perm 2_serv	BOBJ1	51	140.69	After	Left Exterior Girder	16.85	0.95	1	1	4.690479
Annual Perm 2_serv	BOBJ1	51	140.69	After	Interior Girder 1	16.85	0.95	1	1	4.761501
Annual Perm 2_serv	BOBJ1	51	140.69	After	Interior Girder 2	16.85	0.95	1	1	5.077635
Annual Perm 2_serv	BOBJ1	51	140.69	After	Interior Girder 3	16.85	0.95	1	1	4.960765
Annual Perm 2_serv	BOBJ1	51	140.69	After	Interior Girder 4	16.85	0.95	1	1	4.960765
Annual Perm 2_serv	BOBJ1	51	140.69	After	Interior Girder 5	16.85	0.95	1	1	5.077635
Annual Perm 2_serv	BOBJ1	51	140.69	After	Interior Girder 6	16.85	0.95	1	1	4.761501
Annual Perm 2_serv	BOBJ1	51	140.69	After	Right Exterior Girder	16.85	0.95	1	1	4.690479
Annual Perm 2_serv	BOBJ1	52	149.115	Before	Left Exterior Girder	25.275	0.95	1	1	3.08746
Annual Perm 2_serv	BOBJ1	52	149.115	Before	Interior Girder 1	25.275	0.95	1	1	2.864477
Annual Perm 2_serv	BOBJ1	52	149.115	Before	Interior Girder 2	25.275	0.95	1	1	3.079929
Annual Perm 2_serv	BOBJ1	52	149.115	Before	Interior Girder 3	25.275	0.95	1	1	2.895103
Annual Perm 2_serv	BOBJ1	52	149.115	Before	Interior Girder 4	25.275	0.95	1	1	2.895103
Annual Perm 2_serv	BOBJ1	52	149.115	Before	Interior Girder 5	25.275	0.95	1	1	3.079929
Annual Perm 2_serv	BOBJ1	52	149.115	Before	Interior Girder 6	25.275	0.95	1	1	2.864477
Annual Perm 2_serv	BOBJ1	52	149.115	Before	Right Exterior Girder	25.275	0.95	1	1	3.08746
Annual Perm 2_serv	BOBJ1	53	149.115	After	Left Exterior Girder	25.275	0.95	1	1	3.143918
Annual Perm 2_serv	BOBJ1	53	149.115	After	Interior Girder 1	25.275	0.95	1	1	2.837847
Annual Perm 2_serv	BOBJ1	53	149.115	After	Interior Girder 2	25.275	0.95	1	1	3.076626
Annual Perm 2_serv	BOBJ1	53	149.115	After	Interior Girder 3	25.275	0.95	1	1	2.929987
Annual Perm 2_serv	BOBJ1	53	149.115	After	Interior Girder 4	25.275	0.95	1	1	2.929987
Annual Perm 2_serv	BOBJ1	53	149.115	After	Interior Girder 5	25.275	0.95	1	1	3.076626
Annual Perm 2_serv	BOBJ1	53	149.115	After	Interior Girder 6	25.275	0.95	1	1	2.837847
Annual Perm 2_serv	BOBJ1	53	149.115	After	Right Exterior Girder	25.275	0.95	1	1	3.143918
Annual Perm 2_serv	BOBJ1	54	157.54	Before	Left Exterior Girder	33.7	0.95	1	1	2.507965
Annual Perm 2_serv	BOBJ1	54	157.54	Before	Interior Girder 1	33.7	0.95	1	1	2.659294
Annual Perm 2_serv	BOBJ1	54	157.54	Before	Interior Girder 2	33.7	0.95	1	1	3.01275
Annual Perm 2_serv	BOBJ1	54	157.54	Before	Interior Girder 3	33.7	0.95	1	1	3.042226
Annual Perm 2_serv	BOBJ1	54	157.54	Before	Interior Girder 4	33.7	0.95	1	1	3.042226
Annual Perm 2_serv	BOBJ1	54	157.54	Before	Interior Girder 5	33.7	0.95	1	1	3.01275
Annual Perm 2_serv	BOBJ1	54	157.54	Before	Interior Girder 6	33.7	0.95	1	1	2.659294
Annual Perm 2_serv	BOBJ1	54	157.54	Before	Right Exterior Girder	33.7	0.95	1	1	2.507965
Annual Perm 2_serv	BOBJ1	55	157.54	After	Left Exterior Girder	33.7	0.95	1	1	2.508128
Annual Perm 2_serv	BOBJ1	55	157.54	After	Interior Girder 1	33.7	0.95	1	1	2.659224
Annual Perm 2_serv	BOBJ1	55	157.54	After	Interior Girder 2	33.7	0.95	1	1	3.012858
Annual Perm 2_serv	BOBJ1	55	157.54	After	Interior Girder 3	33.7	0.95	1	1	3.042273
Annual Perm 2_serv	BOBJ1	55	157.54	After	Interior Girder 4	33.7	0.95	1	1	3.042273
Annual Perm 2_serv	BOBJ1	55	157.54	After	Interior Girder 5	33.7	0.95	1	1	3.012858
Annual Perm 2_serv	BOBJ1	55	157.54	After	Interior Girder 6	33.7	0.95	1	1	2.659224
Annual Perm 2_serv	BOBJ1	55	157.54	After	Right Exterior Girder	33.7	0.95	1	1	2.508128
Annual Perm 2_serv	BOBJ1	56	165.965	Before	Left Exterior Girder	42.125	0.95	1	1	3.140928
Annual Perm 2_serv	BOBJ1	56	165.965	Before	Interior Girder 1	42.125	0.95	1	1	2.836624
Annual Perm 2_serv	BOBJ1	56	165.965	Before	Interior Girder 2	42.125	0.95	1	1	3.075523
Annual Perm 2_serv	BOBJ1	56	165.965	Before	Interior Girder 3	42.125	0.95	1	1	2.928675
Annual Perm 2_serv	BOBJ1	56	165.965	Before	Interior Girder 4	42.125	0.95	1	1	2.928675
Annual Perm 2_serv	BOBJ1	56	165.965	Before	Interior Girder 5	42.125	0.95	1	1	3.075523
Annual Perm 2_serv	BOBJ1	56	165.965	Before	Interior Girder 6	42.125	0.95	1	1	2.836624
Annual Perm 2_serv	BOBJ1	56	165.965	Before	Right Exterior Girder	42.125	0.95	1	1	3.140928
Annual Perm 2_serv	BOBJ1	57	165.965	After	Left Exterior Girder	42.125	0.95	1	1	3.084932
Annual Perm 2_serv	BOBJ1	57	165.965	After	Interior Girder 1	42.125	0.95	1	1	2.863028
Annual Perm 2_serv	BOBJ1	57	165.965	After	Interior Girder 2	42.125	0.95	1	1	3.078783
Annual Perm 2_serv	BOBJ1	57	165.965	After	Interior Girder 3	42.125	0.95	1	1	2.893934
Annual Perm 2_serv	BOBJ1	57	165.965	After	Interior Girder 4	42.125	0.95	1	1	2.893934
Annual Perm 2_serv	BOBJ1	57	165.965	After	Interior Girder 5	42.125	0.95	1	1	3.078783
Annual Perm 2_serv	BOBJ1	57	165.965	After	Interior Girder 6	42.125	0.95	1	1	2.863028

TABLE: Bridge Super Rating AASHTORATE18 31 - SteelICompServ-Flx - Approach, Span 7-11										
Request	BridgeObj	BridgeCut	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	Unitless	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Annual Perm 2_serv	BOBJ1	57	165.965	After	Right Exterior Girder	42.125	0.95	1	1	3.084932
Annual Perm 2_serv	BOBJ1	58	174.39	Before	Left Exterior Girder	50.55	0.95	1	1	4.695325
Annual Perm 2_serv	BOBJ1	58	174.39	Before	Interior Girder 1	50.55	0.95	1	1	4.764271
Annual Perm 2_serv	BOBJ1	58	174.39	Before	Interior Girder 2	50.55	0.95	1	1	5.071684
Annual Perm 2_serv	BOBJ1	58	174.39	Before	Interior Girder 3	50.55	0.95	1	1	4.953834
Annual Perm 2_serv	BOBJ1	58	174.39	Before	Interior Girder 4	50.55	0.95	1	1	4.953834
Annual Perm 2_serv	BOBJ1	58	174.39	Before	Interior Girder 5	50.55	0.95	1	1	5.071684
Annual Perm 2_serv	BOBJ1	58	174.39	Before	Interior Girder 6	50.55	0.95	1	1	4.764271
Annual Perm 2_serv	BOBJ1	58	174.39	Before	Right Exterior Girder	50.55	0.95	1	1	4.695325
Annual Perm 2_serv	BOBJ1	59	174.39	After	Left Exterior Girder	50.55	0.95	1	1	4.74361
Annual Perm 2_serv	BOBJ1	59	174.39	After	Interior Girder 1	50.55	0.95	1	1	4.73193
Annual Perm 2_serv	BOBJ1	59	174.39	After	Interior Girder 2	50.55	0.95	1	1	5.074548
Annual Perm 2_serv	BOBJ1	59	174.39	After	Interior Girder 3	50.55	0.95	1	1	4.821357
Annual Perm 2_serv	BOBJ1	59	174.39	After	Interior Girder 4	50.55	0.95	1	1	4.821357
Annual Perm 2_serv	BOBJ1	59	174.39	After	Interior Girder 5	50.55	0.95	1	1	5.074548
Annual Perm 2_serv	BOBJ1	59	174.39	After	Interior Girder 6	50.55	0.95	1	1	4.73193
Annual Perm 2_serv	BOBJ1	59	174.39	After	Right Exterior Girder	50.55	0.95	1	1	4.74361
Annual Perm 2_serv	BOBJ1	60	182.825	Before	Left Exterior Girder	58.985	0.95	1	1	2.950476
Annual Perm 2_serv	BOBJ1	60	182.825	Before	Interior Girder 1	58.985	0.95	1	1	3.23203
Annual Perm 2_serv	BOBJ1	60	182.825	Before	Interior Girder 2	58.985	0.95	1	1	3.723255
Annual Perm 2_serv	BOBJ1	60	182.825	Before	Interior Girder 3	58.985	0.95	1	1	3.581923
Annual Perm 2_serv	BOBJ1	60	182.825	Before	Interior Girder 4	58.985	0.95	1	1	3.581923
Annual Perm 2_serv	BOBJ1	60	182.825	Before	Interior Girder 5	58.985	0.95	1	1	3.723255
Annual Perm 2_serv	BOBJ1	60	182.825	Before	Interior Girder 6	58.985	0.95	1	1	3.23203
Annual Perm 2_serv	BOBJ1	60	182.825	Before	Right Exterior Girder	58.985	0.95	1	1	2.950476
Annual Perm 2_serv	BOBJ1	61	182.825	After	Left Exterior Girder	58.985	0.95	1	1	3.022907
Annual Perm 2_serv	BOBJ1	61	182.825	After	Interior Girder 1	58.985	0.95	1	1	3.161772
Annual Perm 2_serv	BOBJ1	61	182.825	After	Interior Girder 2	58.985	0.95	1	1	3.696307
Annual Perm 2_serv	BOBJ1	61	182.825	After	Interior Girder 3	58.985	0.95	1	1	3.561717
Annual Perm 2_serv	BOBJ1	61	182.825	After	Interior Girder 4	58.985	0.95	1	1	3.561717
Annual Perm 2_serv	BOBJ1	61	182.825	After	Interior Girder 5	58.985	0.95	1	1	3.696307
Annual Perm 2_serv	BOBJ1	61	182.825	After	Interior Girder 6	58.985	0.95	1	1	3.161772
Annual Perm 2_serv	BOBJ1	61	182.825	After	Right Exterior Girder	58.985	0.95	1	1	3.022907
Annual Perm 2_serv	BOBJ1	62	183.76	Before	Left Exterior Girder	59.92	0.95	1	1	2.801809
Annual Perm 2_serv	BOBJ1	62	183.76	Before	Right Exterior Girder	59.92	0.95	1	1	2.801809
Annual Perm 2_serv	BOBJ1	63	183.76	After	Left Exterior Girder	59.92	0.95	1	1	5.564033
Annual Perm 2_serv	BOBJ1	63	183.76	After	Right Exterior Girder	59.92	0.95	1	1	5.564033
Annual Perm 2_serv	BOBJ1	64	186.26	Before	Interior Girder 1	62.42	0.95	1	1	2.666499
Annual Perm 2_serv	BOBJ1	64	186.26	Before	Interior Girder 2	62.42	0.95	1	1	3.092642
Annual Perm 2_serv	BOBJ1	64	186.26	Before	Interior Girder 3	62.42	0.95	1	1	2.809663
Annual Perm 2_serv	BOBJ1	64	186.26	Before	Interior Girder 4	62.42	0.95	1	1	2.809663
Annual Perm 2_serv	BOBJ1	64	186.26	Before	Interior Girder 5	62.42	0.95	1	1	3.092642
Annual Perm 2_serv	BOBJ1	64	186.26	Before	Interior Girder 6	62.42	0.95	1	1	2.666499
Annual Perm 2_serv	BOBJ1	65	186.26	After	Interior Girder 1	62.42	0.95	1	1	3.708574
Annual Perm 2_serv	BOBJ1	65	186.26	After	Interior Girder 2	62.42	0.95	1	1	4.209881
Annual Perm 2_serv	BOBJ1	65	186.26	After	Interior Girder 3	62.42	0.95	1	1	3.847559
Annual Perm 2_serv	BOBJ1	65	186.26	After	Interior Girder 4	62.42	0.95	1	1	3.847559
Annual Perm 2_serv	BOBJ1	65	186.26	After	Interior Girder 5	62.42	0.95	1	1	4.209881
Annual Perm 2_serv	BOBJ1	65	186.26	After	Interior Girder 6	62.42	0.95	1	1	3.708574
Annual Perm 2_serv	BOBJ1	66	191.26	Before	Left Exterior Girder	67.42	0.95	1	1	3.173758
Annual Perm 2_serv	BOBJ1	66	191.26	Before	Interior Girder 1	67.42	0.95	1	1	2.122735
Annual Perm 2_serv	BOBJ1	66	191.26	Before	Interior Girder 2	67.42	0.95	1	1	2.254507
Annual Perm 2_serv	BOBJ1	66	191.26	Before	Interior Girder 3	67.42	0.95	1	1	1.768329
Annual Perm 2_serv	BOBJ1	66	191.26	Before	Interior Girder 4	67.42	0.95	1	1	1.768329
Annual Perm 2_serv	BOBJ1	66	191.26	Before	Interior Girder 5	67.42	0.95	1	1	2.254507
Annual Perm 2_serv	BOBJ1	66	191.26	Before	Interior Girder 6	67.42	0.95	1	1	2.122735
Annual Perm 2_serv	BOBJ1	66	191.26	Before	Right Exterior Girder	67.42	0.95	1	1	3.173758
Annual Perm 2_serv	BOBJ1	67	191.26	After	Left Exterior Girder	0	0.95	1	1	3.154875
Annual Perm 2_serv	BOBJ1	67	191.26	After	Interior Girder 1	0	0.95	1	1	2.130353
Annual Perm 2_serv	BOBJ1	67	191.26	After	Interior Girder 2	0	0.95	1	1	2.262858
Annual Perm 2_serv	BOBJ1	67	191.26	After	Interior Girder 3	0	0.95	1	1	1.770466
Annual Perm 2_serv	BOBJ1	67	191.26	After	Interior Girder 4	0	0.95	1	1	1.770466
Annual Perm 2_serv	BOBJ1	67	191.26	After	Interior Girder 5	0	0.95	1	1	2.262858
Annual Perm 2_serv	BOBJ1	67	191.26	After	Interior Girder 6	0	0.95	1	1	2.130353
Annual Perm 2_serv	BOBJ1	67	191.26	After	Right Exterior Girder	0	0.95	1	1	3.154875
Annual Perm 2_serv	BOBJ1	68	196.26	Before	Interior Girder 1	5	0.95	1	1	3.625759
Annual Perm 2_serv	BOBJ1	68	196.26	Before	Interior Girder 2	5	0.95	1	1	4.135238
Annual Perm 2_serv	BOBJ1	68	196.26	Before	Interior Girder 3	5	0.95	1	1	3.790865
Annual Perm 2_serv	BOBJ1	68	196.26	Before	Interior Girder 4	5	0.95	1	1	3.790865
Annual Perm 2_serv	BOBJ1	68	196.26	Before	Interior Girder 5	5	0.95	1	1	4.135238
Annual Perm 2_serv	BOBJ1	68	196.26	Before	Interior Girder 6	5	0.95	1	1	3.625759
Annual Perm 2_serv	BOBJ1	69	196.26	After	Interior Girder 1	5	0.95	1	1	2.606585
Annual Perm 2_serv	BOBJ1	69	196.26	After	Interior Girder 2	5	0.95	1	1	3.036622

TABLE: Bridge Super Rating AASHTORATE18 31 - SteelICompServ-Flx - Approach, Span 7-11										
Request	BridgeObj	BridgeCut	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	Unitless	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Annual Perm 2_serv	BOBJ1	69	196.26	After	Interior Girder 3	5	0.95	1	1	2.766912
Annual Perm 2_serv	BOBJ1	69	196.26	After	Interior Girder 4	5	0.95	1	1	2.766912
Annual Perm 2_serv	BOBJ1	69	196.26	After	Interior Girder 5	5	0.95	1	1	3.036622
Annual Perm 2_serv	BOBJ1	69	196.26	After	Interior Girder 6	5	0.95	1	1	2.606585
Annual Perm 2_serv	BOBJ1	70	198.76	Before	Left Exterior Girder	7.5	0.95	1	1	5.424781
Annual Perm 2_serv	BOBJ1	70	198.76	Before	Right Exterior Girder	7.5	0.95	1	1	5.424781
Annual Perm 2_serv	BOBJ1	71	198.76	After	Left Exterior Girder	7.5	0.95	1	1	2.732531
Annual Perm 2_serv	BOBJ1	71	198.76	After	Right Exterior Girder	7.5	0.95	1	1	2.732531
Annual Perm 2_serv	BOBJ1	72	199.685	Before	Left Exterior Girder	8.425	0.95	1	1	2.934768
Annual Perm 2_serv	BOBJ1	72	199.685	Before	Interior Girder 1	8.425	0.95	1	1	3.088292
Annual Perm 2_serv	BOBJ1	72	199.685	Before	Interior Girder 2	8.425	0.95	1	1	3.62564
Annual Perm 2_serv	BOBJ1	72	199.685	Before	Interior Girder 3	8.425	0.95	1	1	3.503521
Annual Perm 2_serv	BOBJ1	72	199.685	Before	Interior Girder 4	8.425	0.95	1	1	3.503521
Annual Perm 2_serv	BOBJ1	72	199.685	Before	Interior Girder 5	8.425	0.95	1	1	3.62564
Annual Perm 2_serv	BOBJ1	72	199.685	Before	Interior Girder 6	8.425	0.95	1	1	3.088292
Annual Perm 2_serv	BOBJ1	72	199.685	Before	Right Exterior Girder	8.425	0.95	1	1	2.934768
Annual Perm 2_serv	BOBJ1	73	199.685	After	Left Exterior Girder	8.425	0.95	1	1	2.864356
Annual Perm 2_serv	BOBJ1	73	199.685	After	Interior Girder 1	8.425	0.95	1	1	3.157168
Annual Perm 2_serv	BOBJ1	73	199.685	After	Interior Girder 2	8.425	0.95	1	1	3.651864
Annual Perm 2_serv	BOBJ1	73	199.685	After	Interior Girder 3	8.425	0.95	1	1	3.522111
Annual Perm 2_serv	BOBJ1	73	199.685	After	Interior Girder 4	8.425	0.95	1	1	3.522111
Annual Perm 2_serv	BOBJ1	73	199.685	After	Interior Girder 5	8.425	0.95	1	1	3.651864
Annual Perm 2_serv	BOBJ1	73	199.685	After	Interior Girder 6	8.425	0.95	1	1	3.157168
Annual Perm 2_serv	BOBJ1	73	199.685	After	Right Exterior Girder	8.425	0.95	1	1	2.864356
Annual Perm 2_serv	BOBJ1	74	208.11	Before	Left Exterior Girder	16.85	0.95	1	1	4.617144
Annual Perm 2_serv	BOBJ1	74	208.11	Before	Interior Girder 1	16.85	0.95	1	1	4.621225
Annual Perm 2_serv	BOBJ1	74	208.11	Before	Interior Girder 2	16.85	0.95	1	1	5.067392
Annual Perm 2_serv	BOBJ1	74	208.11	Before	Interior Girder 3	16.85	0.95	1	1	4.808245
Annual Perm 2_serv	BOBJ1	74	208.11	Before	Interior Girder 4	16.85	0.95	1	1	4.808245
Annual Perm 2_serv	BOBJ1	74	208.11	Before	Interior Girder 5	16.85	0.95	1	1	5.067392
Annual Perm 2_serv	BOBJ1	74	208.11	Before	Interior Girder 6	16.85	0.95	1	1	4.621225
Annual Perm 2_serv	BOBJ1	74	208.11	Before	Right Exterior Girder	16.85	0.95	1	1	4.617144
Annual Perm 2_serv	BOBJ1	75	208.11	After	Left Exterior Girder	16.85	0.95	1	1	4.568255
Annual Perm 2_serv	BOBJ1	75	208.11	After	Interior Girder 1	16.85	0.95	1	1	4.653895
Annual Perm 2_serv	BOBJ1	75	208.11	After	Interior Girder 2	16.85	0.95	1	1	5.068634
Annual Perm 2_serv	BOBJ1	75	208.11	After	Interior Girder 3	16.85	0.95	1	1	4.941452
Annual Perm 2_serv	BOBJ1	75	208.11	After	Interior Girder 4	16.85	0.95	1	1	4.941452
Annual Perm 2_serv	BOBJ1	75	208.11	After	Interior Girder 5	16.85	0.95	1	1	5.068634
Annual Perm 2_serv	BOBJ1	75	208.11	After	Interior Girder 6	16.85	0.95	1	1	4.653895
Annual Perm 2_serv	BOBJ1	75	208.11	After	Right Exterior Girder	16.85	0.95	1	1	4.568255
Annual Perm 2_serv	BOBJ1	76	216.535	Before	Left Exterior Girder	25.275	0.95	1	1	3.103502
Annual Perm 2_serv	BOBJ1	76	216.535	Before	Interior Girder 1	25.275	0.95	1	1	2.883283
Annual Perm 2_serv	BOBJ1	76	216.535	Before	Interior Girder 2	25.275	0.95	1	1	3.092565
Annual Perm 2_serv	BOBJ1	76	216.535	Before	Interior Girder 3	25.275	0.95	1	1	2.897296
Annual Perm 2_serv	BOBJ1	76	216.535	Before	Interior Girder 4	25.275	0.95	1	1	2.897296
Annual Perm 2_serv	BOBJ1	76	216.535	Before	Interior Girder 5	25.275	0.95	1	1	3.092565
Annual Perm 2_serv	BOBJ1	76	216.535	Before	Interior Girder 6	25.275	0.95	1	1	2.883283
Annual Perm 2_serv	BOBJ1	76	216.535	Before	Right Exterior Girder	25.275	0.95	1	1	3.103502
Annual Perm 2_serv	BOBJ1	77	216.535	After	Left Exterior Girder	25.275	0.95	1	1	3.156969
Annual Perm 2_serv	BOBJ1	77	216.535	After	Interior Girder 1	25.275	0.95	1	1	2.854742
Annual Perm 2_serv	BOBJ1	77	216.535	After	Interior Girder 2	25.275	0.95	1	1	3.090828
Annual Perm 2_serv	BOBJ1	77	216.535	After	Interior Girder 3	25.275	0.95	1	1	2.932897
Annual Perm 2_serv	BOBJ1	77	216.535	After	Interior Girder 4	25.275	0.95	1	1	2.932897
Annual Perm 2_serv	BOBJ1	77	216.535	After	Interior Girder 5	25.275	0.95	1	1	3.090828
Annual Perm 2_serv	BOBJ1	77	216.535	After	Interior Girder 6	25.275	0.95	1	1	2.854742
Annual Perm 2_serv	BOBJ1	77	216.535	After	Right Exterior Girder	25.275	0.95	1	1	3.156969
Annual Perm 2_serv	BOBJ1	78	224.96	Before	Left Exterior Girder	33.7	0.95	1	1	2.545419
Annual Perm 2_serv	BOBJ1	78	224.96	Before	Interior Girder 1	33.7	0.95	1	1	2.705847
Annual Perm 2_serv	BOBJ1	78	224.96	Before	Interior Girder 2	33.7	0.95	1	1	3.043423
Annual Perm 2_serv	BOBJ1	78	224.96	Before	Interior Girder 3	33.7	0.95	1	1	3.059486
Annual Perm 2_serv	BOBJ1	78	224.96	Before	Interior Girder 4	33.7	0.95	1	1	3.059486
Annual Perm 2_serv	BOBJ1	78	224.96	Before	Interior Girder 5	33.7	0.95	1	1	3.043423
Annual Perm 2_serv	BOBJ1	78	224.96	Before	Interior Girder 6	33.7	0.95	1	1	2.705847
Annual Perm 2_serv	BOBJ1	78	224.96	Before	Right Exterior Girder	33.7	0.95	1	1	2.545419
Annual Perm 2_serv	BOBJ1	79	224.96	After	Left Exterior Girder	33.7	0.95	1	1	2.543738
Annual Perm 2_serv	BOBJ1	79	224.96	After	Interior Girder 1	33.7	0.95	1	1	2.706687
Annual Perm 2_serv	BOBJ1	79	224.96	After	Interior Girder 2	33.7	0.95	1	1	3.0423
Annual Perm 2_serv	BOBJ1	79	224.96	After	Interior Girder 3	33.7	0.95	1	1	3.061938
Annual Perm 2_serv	BOBJ1	79	224.96	After	Interior Girder 4	33.7	0.95	1	1	3.061938
Annual Perm 2_serv	BOBJ1	79	224.96	After	Interior Girder 5	33.7	0.95	1	1	3.0423
Annual Perm 2_serv	BOBJ1	79	224.96	After	Interior Girder 6	33.7	0.95	1	1	2.706687
Annual Perm 2_serv	BOBJ1	79	224.96	After	Right Exterior Girder	33.7	0.95	1	1	2.543738
Annual Perm 2_serv	BOBJ1	80	233.385	Before	Left Exterior Girder	42.125	0.95	1	1	3.235489

TABLE: Bridge Super Rating AASHTORATE18 31 - SteelICompServ-Flx - Approach, Span 7-11										
Request	BridgeObj	BridgeCut	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	Unitless	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Annual Perm 2_serv	BOBJ1	80	233.385	Before	Interior Girder 1	42.125	0.95	1	1	2.89029
Annual Perm 2_serv	BOBJ1	80	233.385	Before	Interior Girder 2	42.125	0.95	1	1	3.110397
Annual Perm 2_serv	BOBJ1	80	233.385	Before	Interior Girder 3	42.125	0.95	1	1	2.946404
Annual Perm 2_serv	BOBJ1	80	233.385	Before	Interior Girder 4	42.125	0.95	1	1	2.946404
Annual Perm 2_serv	BOBJ1	80	233.385	Before	Interior Girder 5	42.125	0.95	1	1	3.110397
Annual Perm 2_serv	BOBJ1	80	233.385	Before	Interior Girder 6	42.125	0.95	1	1	2.89029
Annual Perm 2_serv	BOBJ1	80	233.385	Before	Right Exterior Girder	42.125	0.95	1	1	3.235489
Annual Perm 2_serv	BOBJ1	81	233.385	After	Left Exterior Girder	42.125	0.95	1	1	3.171252
Annual Perm 2_serv	BOBJ1	81	233.385	After	Interior Girder 1	42.125	0.95	1	1	2.920991
Annual Perm 2_serv	BOBJ1	81	233.385	After	Interior Girder 2	42.125	0.95	1	1	3.115102
Annual Perm 2_serv	BOBJ1	81	233.385	After	Interior Girder 3	42.125	0.95	1	1	2.910394
Annual Perm 2_serv	BOBJ1	81	233.385	After	Interior Girder 4	42.125	0.95	1	1	2.910394
Annual Perm 2_serv	BOBJ1	81	233.385	After	Interior Girder 5	42.125	0.95	1	1	3.115102
Annual Perm 2_serv	BOBJ1	81	233.385	After	Interior Girder 6	42.125	0.95	1	1	2.920991
Annual Perm 2_serv	BOBJ1	81	233.385	After	Right Exterior Girder	42.125	0.95	1	1	3.171252
Annual Perm 2_serv	BOBJ1	82	241.81	Before	Left Exterior Girder	50.55	0.95	1	1	5.507968
Annual Perm 2_serv	BOBJ1	82	241.81	Before	Interior Girder 1	50.55	0.95	1	1	4.961845
Annual Perm 2_serv	BOBJ1	82	241.81	Before	Interior Girder 2	50.55	0.95	1	1	5.196226
Annual Perm 2_serv	BOBJ1	82	241.81	Before	Interior Girder 3	50.55	0.95	1	1	5.067084
Annual Perm 2_serv	BOBJ1	82	241.81	Before	Interior Girder 4	50.55	0.95	1	1	5.067084
Annual Perm 2_serv	BOBJ1	82	241.81	Before	Interior Girder 5	50.55	0.95	1	1	5.196226
Annual Perm 2_serv	BOBJ1	82	241.81	Before	Interior Girder 6	50.55	0.95	1	1	4.961845
Annual Perm 2_serv	BOBJ1	82	241.81	Before	Right Exterior Girder	50.55	0.95	1	1	5.507968
Annual Perm 2_serv	BOBJ1	83	241.81	After	Left Exterior Girder	50.55	0.95	1	1	5.374344
Annual Perm 2_serv	BOBJ1	83	241.81	After	Interior Girder 1	50.55	0.95	1	1	5.073602
Annual Perm 2_serv	BOBJ1	83	241.81	After	Interior Girder 2	50.55	0.95	1	1	5.232433
Annual Perm 2_serv	BOBJ1	83	241.81	After	Interior Girder 3	50.55	0.95	1	1	5.022954
Annual Perm 2_serv	BOBJ1	83	241.81	After	Interior Girder 4	50.55	0.95	1	1	5.022954
Annual Perm 2_serv	BOBJ1	83	241.81	After	Interior Girder 5	50.55	0.95	1	1	5.232433
Annual Perm 2_serv	BOBJ1	83	241.81	After	Interior Girder 6	50.55	0.95	1	1	5.073602
Annual Perm 2_serv	BOBJ1	83	241.81	After	Right Exterior Girder	50.55	0.95	1	1	5.374344
Annual Perm 2_serv	BOBJ1	84	245.18	Before	Left Exterior Girder	53.92	0.95	1	1	4.827618
Annual Perm 2_serv	BOBJ1	84	245.18	Before	Interior Girder 1	53.92	0.95	1	1	4.864292
Annual Perm 2_serv	BOBJ1	84	245.18	Before	Interior Girder 2	53.92	0.95	1	1	5.482658
Annual Perm 2_serv	BOBJ1	84	245.18	Before	Interior Girder 3	53.92	0.95	1	1	5.623111
Annual Perm 2_serv	BOBJ1	84	245.18	Before	Interior Girder 4	53.92	0.95	1	1	5.623111
Annual Perm 2_serv	BOBJ1	84	245.18	Before	Interior Girder 5	53.92	0.95	1	1	5.482658
Annual Perm 2_serv	BOBJ1	84	245.18	Before	Interior Girder 6	53.92	0.95	1	1	4.864292
Annual Perm 2_serv	BOBJ1	84	245.18	Before	Right Exterior Girder	53.92	0.95	1	1	4.827618
Annual Perm 2_serv	BOBJ1	85	245.18	After	Left Exterior Girder	53.92	0.95	1	1	5.624231
Annual Perm 2_serv	BOBJ1	85	245.18	After	Interior Girder 1	53.92	0.95	1	1	5.199496
Annual Perm 2_serv	BOBJ1	85	245.18	After	Interior Girder 2	53.92	0.95	1	1	5.846135
Annual Perm 2_serv	BOBJ1	85	245.18	After	Interior Girder 3	53.92	0.95	1	1	6.014369
Annual Perm 2_serv	BOBJ1	85	245.18	After	Interior Girder 4	53.92	0.95	1	1	6.014369
Annual Perm 2_serv	BOBJ1	85	245.18	After	Interior Girder 5	53.92	0.95	1	1	5.846135
Annual Perm 2_serv	BOBJ1	85	245.18	After	Interior Girder 6	53.92	0.95	1	1	5.199496
Annual Perm 2_serv	BOBJ1	85	245.18	After	Right Exterior Girder	53.92	0.95	1	1	5.624231
Annual Perm 2_serv	BOBJ1	86	250.245	Before	Left Exterior Girder	58.985	0.95	1	1	4.246392
Annual Perm 2_serv	BOBJ1	86	250.245	Before	Interior Girder 1	58.985	0.95	1	1	4.142259
Annual Perm 2_serv	BOBJ1	86	250.245	Before	Interior Girder 2	58.985	0.95	1	1	4.590268
Annual Perm 2_serv	BOBJ1	86	250.245	Before	Interior Girder 3	58.985	0.95	1	1	4.254022
Annual Perm 2_serv	BOBJ1	86	250.245	Before	Interior Girder 4	58.985	0.95	1	1	4.254022
Annual Perm 2_serv	BOBJ1	86	250.245	Before	Interior Girder 5	58.985	0.95	1	1	4.590268
Annual Perm 2_serv	BOBJ1	86	250.245	Before	Interior Girder 6	58.985	0.95	1	1	4.142259
Annual Perm 2_serv	BOBJ1	86	250.245	Before	Right Exterior Girder	58.985	0.95	1	1	4.246392
Annual Perm 2_serv	BOBJ1	87	250.245	After	Left Exterior Girder	58.985	0.95	1	1	4.294808
Annual Perm 2_serv	BOBJ1	87	250.245	After	Interior Girder 1	58.985	0.95	1	1	4.093467
Annual Perm 2_serv	BOBJ1	87	250.245	After	Interior Girder 2	58.985	0.95	1	1	4.541388
Annual Perm 2_serv	BOBJ1	87	250.245	After	Interior Girder 3	58.985	0.95	1	1	4.223342
Annual Perm 2_serv	BOBJ1	87	250.245	After	Interior Girder 4	58.985	0.95	1	1	4.223342
Annual Perm 2_serv	BOBJ1	87	250.245	After	Interior Girder 5	58.985	0.95	1	1	4.541388
Annual Perm 2_serv	BOBJ1	87	250.245	After	Interior Girder 6	58.985	0.95	1	1	4.093467
Annual Perm 2_serv	BOBJ1	87	250.245	After	Right Exterior Girder	58.985	0.95	1	1	4.294808
Annual Perm 2_serv	BOBJ1	88	251.68	Before	Left Exterior Girder	60.42	0.95	1	1	3.913039
Annual Perm 2_serv	BOBJ1	88	251.68	Before	Right Exterior Girder	60.42	0.95	1	1	3.913039
Annual Perm 2_serv	BOBJ1	89	251.68	After	Left Exterior Girder	60.42	0.95	1	1	6.791486
Annual Perm 2_serv	BOBJ1	89	251.68	After	Right Exterior Girder	60.42	0.95	1	1	6.791486
Annual Perm 2_serv	BOBJ1	90	254.18	Before	Interior Girder 1	62.92	0.95	1	1	3.213151
Annual Perm 2_serv	BOBJ1	90	254.18	Before	Interior Girder 2	62.92	0.95	1	1	3.473084
Annual Perm 2_serv	BOBJ1	90	254.18	Before	Interior Girder 3	62.92	0.95	1	1	2.825356
Annual Perm 2_serv	BOBJ1	90	254.18	Before	Interior Girder 4	62.92	0.95	1	1	2.825356
Annual Perm 2_serv	BOBJ1	90	254.18	Before	Interior Girder 5	62.92	0.95	1	1	3.473084
Annual Perm 2_serv	BOBJ1	90	254.18	Before	Interior Girder 6	62.92	0.95	1	1	3.213151

TABLE: Bridge Super Rating AASHTORATE18 31 - SteelICompServ-Flx - Approach, Span 7-11										
Request	BridgeObj	BridgeCut	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	Unitless	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Annual Perm 2_serv	BOBJ1	91	254.18	After	Interior Girder 1	62.92	0.95	1	1	3.975622
Annual Perm 2_serv	BOBJ1	91	254.18	After	Interior Girder 2	62.92	0.95	1	1	4.202612
Annual Perm 2_serv	BOBJ1	91	254.18	After	Interior Girder 3	62.92	0.95	1	1	3.47827
Annual Perm 2_serv	BOBJ1	91	254.18	After	Interior Girder 4	62.92	0.95	1	1	3.47827
Annual Perm 2_serv	BOBJ1	91	254.18	After	Interior Girder 5	62.92	0.95	1	1	4.202612
Annual Perm 2_serv	BOBJ1	91	254.18	After	Interior Girder 6	62.92	0.95	1	1	3.975622
Annual Perm 2_serv	BOBJ1	92	258.68	Before	Left Exterior Girder	67.42	0.95	1	1	3.204471
Annual Perm 2_serv	BOBJ1	92	258.68	Before	Interior Girder 1	67.42	0.95	1	1	2.013639
Annual Perm 2_serv	BOBJ1	92	258.68	Before	Interior Girder 2	67.42	0.95	1	1	2.114388
Annual Perm 2_serv	BOBJ1	92	258.68	Before	Interior Girder 3	67.42	0.95	1	1	1.647677
Annual Perm 2_serv	BOBJ1	92	258.68	Before	Interior Girder 4	67.42	0.95	1	1	1.647677
Annual Perm 2_serv	BOBJ1	92	258.68	Before	Interior Girder 5	67.42	0.95	1	1	2.114388
Annual Perm 2_serv	BOBJ1	92	258.68	Before	Interior Girder 6	67.42	0.95	1	1	2.013639
Annual Perm 2_serv	BOBJ1	92	258.68	Before	Right Exterior Girder	67.42	0.95	1	1	3.204471
Annual Perm 2_serv	BOBJ1	93	258.68	After	Left Exterior Girder	0	0.95	1	1	3.151758
Annual Perm 2_serv	BOBJ1	93	258.68	After	Interior Girder 1	0	0.95	1	1	2.020331
Annual Perm 2_serv	BOBJ1	93	258.68	After	Interior Girder 2	0	0.95	1	1	2.124554
Annual Perm 2_serv	BOBJ1	93	258.68	After	Interior Girder 3	0	0.95	1	1	1.656974
Annual Perm 2_serv	BOBJ1	93	258.68	After	Interior Girder 4	0	0.95	1	1	1.656974
Annual Perm 2_serv	BOBJ1	93	258.68	After	Interior Girder 5	0	0.95	1	1	2.124554
Annual Perm 2_serv	BOBJ1	93	258.68	After	Interior Girder 6	0	0.95	1	1	2.020331
Annual Perm 2_serv	BOBJ1	93	258.68	After	Right Exterior Girder	0	0.95	1	1	3.151758
Annual Perm 2_serv	BOBJ1	94	263.18	Before	Interior Girder 1	4.5	0.95	1	1	3.254079
Annual Perm 2_serv	BOBJ1	94	263.18	Before	Interior Girder 2	4.5	0.95	1	1	3.698551
Annual Perm 2_serv	BOBJ1	94	263.18	Before	Interior Girder 3	4.5	0.95	1	1	3.386195
Annual Perm 2_serv	BOBJ1	94	263.18	Before	Interior Girder 4	4.5	0.95	1	1	3.386195
Annual Perm 2_serv	BOBJ1	94	263.18	Before	Interior Girder 5	4.5	0.95	1	1	3.698551
Annual Perm 2_serv	BOBJ1	94	263.18	Before	Interior Girder 6	4.5	0.95	1	1	3.254079
Annual Perm 2_serv	BOBJ1	95	263.18	After	Interior Girder 1	4.5	0.95	1	1	2.665218
Annual Perm 2_serv	BOBJ1	95	263.18	After	Interior Girder 2	4.5	0.95	1	1	3.084992
Annual Perm 2_serv	BOBJ1	95	263.18	After	Interior Girder 3	4.5	0.95	1	1	2.815669
Annual Perm 2_serv	BOBJ1	95	263.18	After	Interior Girder 4	4.5	0.95	1	1	2.815669
Annual Perm 2_serv	BOBJ1	95	263.18	After	Interior Girder 5	4.5	0.95	1	1	3.084992
Annual Perm 2_serv	BOBJ1	95	263.18	After	Interior Girder 6	4.5	0.95	1	1	2.665218
Annual Perm 2_serv	BOBJ1	96	265.68	Before	Left Exterior Girder	7	0.95	1	1	5.013142
Annual Perm 2_serv	BOBJ1	96	265.68	Before	Right Exterior Girder	7	0.95	1	1	5.013142
Annual Perm 2_serv	BOBJ1	97	265.68	After	Left Exterior Girder	7	0.95	1	1	2.903055
Annual Perm 2_serv	BOBJ1	97	265.68	After	Right Exterior Girder	7	0.95	1	1	2.903055
Annual Perm 2_serv	BOBJ1	98	268.08	Before	Left Exterior Girder	9.4	0.95	1	1	3.392599
Annual Perm 2_serv	BOBJ1	98	268.08	Before	Interior Girder 1	9.4	0.95	1	1	3.387731
Annual Perm 2_serv	BOBJ1	98	268.08	Before	Interior Girder 2	9.4	0.95	1	1	3.941065
Annual Perm 2_serv	BOBJ1	98	268.08	Before	Interior Girder 3	9.4	0.95	1	1	3.8717
Annual Perm 2_serv	BOBJ1	98	268.08	Before	Interior Girder 4	9.4	0.95	1	1	3.8717
Annual Perm 2_serv	BOBJ1	98	268.08	Before	Interior Girder 5	9.4	0.95	1	1	3.941065
Annual Perm 2_serv	BOBJ1	98	268.08	Before	Interior Girder 6	9.4	0.95	1	1	3.387731
Annual Perm 2_serv	BOBJ1	98	268.08	Before	Right Exterior Girder	9.4	0.95	1	1	3.392599
Annual Perm 2_serv	BOBJ1	99	268.08	After	Left Exterior Girder	9.4	0.95	1	1	3.320716
Annual Perm 2_serv	BOBJ1	99	268.08	After	Interior Girder 1	9.4	0.95	1	1	3.456938
Annual Perm 2_serv	BOBJ1	99	268.08	After	Interior Girder 2	9.4	0.95	1	1	3.978253
Annual Perm 2_serv	BOBJ1	99	268.08	After	Interior Girder 3	9.4	0.95	1	1	3.897541
Annual Perm 2_serv	BOBJ1	99	268.08	After	Interior Girder 4	9.4	0.95	1	1	3.897541
Annual Perm 2_serv	BOBJ1	99	268.08	After	Interior Girder 5	9.4	0.95	1	1	3.978253
Annual Perm 2_serv	BOBJ1	99	268.08	After	Interior Girder 6	9.4	0.95	1	1	3.456938
Annual Perm 2_serv	BOBJ1	99	268.08	After	Right Exterior Girder	9.4	0.95	1	1	3.320716
Annual Perm 2_serv	BOBJ1	100	277.48	Before	Left Exterior Girder	18.8	0.95	1	1	4.453327
Annual Perm 2_serv	BOBJ1	100	277.48	Before	Interior Girder 1	18.8	0.95	1	1	4.212917
Annual Perm 2_serv	BOBJ1	100	277.48	Before	Interior Girder 2	18.8	0.95	1	1	4.377497
Annual Perm 2_serv	BOBJ1	100	277.48	Before	Interior Girder 3	18.8	0.95	1	1	4.151074
Annual Perm 2_serv	BOBJ1	100	277.48	Before	Interior Girder 4	18.8	0.95	1	1	4.151074
Annual Perm 2_serv	BOBJ1	100	277.48	Before	Interior Girder 5	18.8	0.95	1	1	4.377497
Annual Perm 2_serv	BOBJ1	100	277.48	Before	Interior Girder 6	18.8	0.95	1	1	4.212917
Annual Perm 2_serv	BOBJ1	100	277.48	Before	Right Exterior Girder	18.8	0.95	1	1	4.453327
Annual Perm 2_serv	BOBJ1	101	277.48	After	Left Exterior Girder	18.8	0.95	1	1	4.554688
Annual Perm 2_serv	BOBJ1	101	277.48	After	Interior Girder 1	18.8	0.95	1	1	4.135857
Annual Perm 2_serv	BOBJ1	101	277.48	After	Interior Girder 2	18.8	0.95	1	1	4.389418
Annual Perm 2_serv	BOBJ1	101	277.48	After	Interior Girder 3	18.8	0.95	1	1	4.239832
Annual Perm 2_serv	BOBJ1	101	277.48	After	Interior Girder 4	18.8	0.95	1	1	4.239832
Annual Perm 2_serv	BOBJ1	101	277.48	After	Interior Girder 5	18.8	0.95	1	1	4.389418
Annual Perm 2_serv	BOBJ1	101	277.48	After	Interior Girder 6	18.8	0.95	1	1	4.135857
Annual Perm 2_serv	BOBJ1	101	277.48	After	Right Exterior Girder	18.8	0.95	1	1	4.554688
Annual Perm 2_serv	BOBJ1	102	286.88	Before	Left Exterior Girder	28.2	0.95	1	1	3.185928
Annual Perm 2_serv	BOBJ1	102	286.88	Before	Interior Girder 1	28.2	0.95	1	1	2.761679
Annual Perm 2_serv	BOBJ1	102	286.88	Before	Interior Girder 2	28.2	0.95	1	1	2.937731

TABLE: Bridge Super Rating AASHTORATE18 31 - SteelICompServ-Flx - Approach, Span 7-11										
Request	BridgeObj	BridgeCut	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	Unitless	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Annual Perm 2_serv	BOBJ1	102	286.88	Before	Interior Girder 3	28.2	0.95	1	1	2.716688
Annual Perm 2_serv	BOBJ1	102	286.88	Before	Interior Girder 4	28.2	0.95	1	1	2.716688
Annual Perm 2_serv	BOBJ1	102	286.88	Before	Interior Girder 5	28.2	0.95	1	1	2.937731
Annual Perm 2_serv	BOBJ1	102	286.88	Before	Interior Girder 6	28.2	0.95	1	1	2.761679
Annual Perm 2_serv	BOBJ1	102	286.88	Before	Right Exterior Girder	28.2	0.95	1	1	3.185928
Annual Perm 2_serv	BOBJ1	103	286.88	After	Left Exterior Girder	28.2	0.95	1	1	3.202608
Annual Perm 2_serv	BOBJ1	103	286.88	After	Interior Girder 1	28.2	0.95	1	1	2.754216
Annual Perm 2_serv	BOBJ1	103	286.88	After	Interior Girder 2	28.2	0.95	1	1	2.94488
Annual Perm 2_serv	BOBJ1	103	286.88	After	Interior Girder 3	28.2	0.95	1	1	2.731167
Annual Perm 2_serv	BOBJ1	103	286.88	After	Interior Girder 4	28.2	0.95	1	1	2.731167
Annual Perm 2_serv	BOBJ1	103	286.88	After	Interior Girder 5	28.2	0.95	1	1	2.94488
Annual Perm 2_serv	BOBJ1	103	286.88	After	Interior Girder 6	28.2	0.95	1	1	2.754216
Annual Perm 2_serv	BOBJ1	103	286.88	After	Right Exterior Girder	28.2	0.95	1	1	3.202608
Annual Perm 2_serv	BOBJ1	104	296.28	Before	Left Exterior Girder	37.6	0.95	1	1	3.009035
Annual Perm 2_serv	BOBJ1	104	296.28	Before	Interior Girder 1	37.6	0.95	1	1	2.87529
Annual Perm 2_serv	BOBJ1	104	296.28	Before	Interior Girder 2	37.6	0.95	1	1	3.122877
Annual Perm 2_serv	BOBJ1	104	296.28	Before	Interior Girder 3	37.6	0.95	1	1	3.047037
Annual Perm 2_serv	BOBJ1	104	296.28	Before	Interior Girder 4	37.6	0.95	1	1	3.047037
Annual Perm 2_serv	BOBJ1	104	296.28	Before	Interior Girder 5	37.6	0.95	1	1	3.122877
Annual Perm 2_serv	BOBJ1	104	296.28	Before	Interior Girder 6	37.6	0.95	1	1	2.87529
Annual Perm 2_serv	BOBJ1	104	296.28	Before	Right Exterior Girder	37.6	0.95	1	1	3.009035
Annual Perm 2_serv	BOBJ1	105	296.28	After	Left Exterior Girder	37.6	0.95	1	1	2.971864
Annual Perm 2_serv	BOBJ1	105	296.28	After	Interior Girder 1	37.6	0.95	1	1	2.90537
Annual Perm 2_serv	BOBJ1	105	296.28	After	Interior Girder 2	37.6	0.95	1	1	3.118632
Annual Perm 2_serv	BOBJ1	105	296.28	After	Interior Girder 3	37.6	0.95	1	1	3.022169
Annual Perm 2_serv	BOBJ1	105	296.28	After	Interior Girder 4	37.6	0.95	1	1	3.022169
Annual Perm 2_serv	BOBJ1	105	296.28	After	Interior Girder 5	37.6	0.95	1	1	3.118632
Annual Perm 2_serv	BOBJ1	105	296.28	After	Interior Girder 6	37.6	0.95	1	1	2.90537
Annual Perm 2_serv	BOBJ1	105	296.28	After	Right Exterior Girder	37.6	0.95	1	1	2.971864
Annual Perm 2_serv	BOBJ1	106	305.69	Before	Left Exterior Girder	47.01	0.95	1	1	5.270012
Annual Perm 2_serv	BOBJ1	106	305.69	Before	Interior Girder 1	47.01	0.95	1	1	3.917718
Annual Perm 2_serv	BOBJ1	106	305.69	Before	Interior Girder 2	47.01	0.95	1	1	4.024775
Annual Perm 2_serv	BOBJ1	106	305.69	Before	Interior Girder 3	47.01	0.95	1	1	3.638898
Annual Perm 2_serv	BOBJ1	106	305.69	Before	Interior Girder 4	47.01	0.95	1	1	3.638898
Annual Perm 2_serv	BOBJ1	106	305.69	Before	Interior Girder 5	47.01	0.95	1	1	4.024775
Annual Perm 2_serv	BOBJ1	106	305.69	Before	Interior Girder 6	47.01	0.95	1	1	3.917718
Annual Perm 2_serv	BOBJ1	106	305.69	Before	Right Exterior Girder	47.01	0.95	1	1	5.270012
Annual Perm 2_serv	BOBJ1	107	305.69	After	Left Exterior Girder	47.01	0.95	1	1	5.216623
Annual Perm 2_serv	BOBJ1	107	305.69	After	Interior Girder 1	47.01	0.95	1	1	3.943894
Annual Perm 2_serv	BOBJ1	107	305.69	After	Interior Girder 2	47.01	0.95	1	1	3.930289
Annual Perm 2_serv	BOBJ1	107	305.69	After	Interior Girder 3	47.01	0.95	1	1	3.504936
Annual Perm 2_serv	BOBJ1	107	305.69	After	Interior Girder 4	47.01	0.95	1	1	3.504936
Annual Perm 2_serv	BOBJ1	107	305.69	After	Interior Girder 5	47.01	0.95	1	1	3.930289
Annual Perm 2_serv	BOBJ1	107	305.69	After	Interior Girder 6	47.01	0.95	1	1	3.943894
Annual Perm 2_serv	BOBJ1	107	305.69	After	Right Exterior Girder	47.01	0.95	1	1	5.216623
Annual Perm 2_serv	BOBJ1	108	315.1	Before	Left Exterior Girder	56.42	0.95	1	1	252.865427
Annual Perm 2_serv	BOBJ1	108	315.1	Before	Interior Girder 1	56.42	0.95	1	1	364.832611
Annual Perm 2_serv	BOBJ1	108	315.1	Before	Interior Girder 2	56.42	0.95	1	1	202.724348
Annual Perm 2_serv	BOBJ1	108	315.1	Before	Interior Girder 3	56.42	0.95	1	1	141.966724
Annual Perm 2_serv	BOBJ1	108	315.1	Before	Interior Girder 4	56.42	0.95	1	1	141.966724
Annual Perm 2_serv	BOBJ1	108	315.1	Before	Interior Girder 5	56.42	0.95	1	1	202.724349
Annual Perm 2_serv	BOBJ1	108	315.1	Before	Interior Girder 6	56.42	0.95	1	1	364.83261
Annual Perm 2_serv	BOBJ1	108	315.1	Before	Right Exterior Girder	56.42	0.95	1	1	252.865428
Overweight Permit_serv	BOBJ1	1	0	After	Left Exterior Girder	0	0.95	1	1	234.690363
Overweight Permit_serv	BOBJ1	1	0	After	Interior Girder 1	0	0.95	1	1	376.823649
Overweight Permit_serv	BOBJ1	1	0	After	Interior Girder 2	0	0.95	1	1	217.279616
Overweight Permit_serv	BOBJ1	1	0	After	Interior Girder 3	0	0.95	1	1	158.94623
Overweight Permit_serv	BOBJ1	1	0	After	Interior Girder 4	0	0.95	1	1	158.946229
Overweight Permit_serv	BOBJ1	1	0	After	Interior Girder 5	0	0.95	1	1	217.279616
Overweight Permit_serv	BOBJ1	1	0	After	Interior Girder 6	0	0.95	1	1	376.823645
Overweight Permit_serv	BOBJ1	1	0	After	Right Exterior Girder	0	0.95	1	1	234.690363
Overweight Permit_serv	BOBJ1	2	9.4	Before	Left Exterior Girder	9.4	0.95	1	1	4.805543
Overweight Permit_serv	BOBJ1	2	9.4	Before	Interior Girder 1	9.4	0.95	1	1	4.311371
Overweight Permit_serv	BOBJ1	2	9.4	Before	Interior Girder 2	9.4	0.95	1	1	4.435619
Overweight Permit_serv	BOBJ1	2	9.4	Before	Interior Girder 3	9.4	0.95	1	1	4.051924
Overweight Permit_serv	BOBJ1	2	9.4	Before	Interior Girder 4	9.4	0.95	1	1	4.051924
Overweight Permit_serv	BOBJ1	2	9.4	Before	Interior Girder 5	9.4	0.95	1	1	4.435619
Overweight Permit_serv	BOBJ1	2	9.4	Before	Interior Girder 6	9.4	0.95	1	1	4.311371
Overweight Permit_serv	BOBJ1	2	9.4	Before	Right Exterior Girder	9.4	0.95	1	1	4.805543
Overweight Permit_serv	BOBJ1	3	9.4	After	Left Exterior Girder	9.4	0.95	1	1	4.980698
Overweight Permit_serv	BOBJ1	3	9.4	After	Interior Girder 1	9.4	0.95	1	1	4.289855
Overweight Permit_serv	BOBJ1	3	9.4	After	Interior Girder 2	9.4	0.95	1	1	4.572266
Overweight Permit_serv	BOBJ1	3	9.4	After	Interior Girder 3	9.4	0.95	1	1	4.208026

TABLE: Bridge Super Rating AASHTORATE18 31 - SteelICompServ-Flx - Approach, Span 7-11										
Request	BridgeObj	BridgeCut	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	Unitless	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Overweight Permit_serv	BOBJ1	3	9.4	After	Interior Girder 4	9.4	0.95	1	1	4.208026
Overweight Permit_serv	BOBJ1	3	9.4	After	Interior Girder 5	9.4	0.95	1	1	4.572266
Overweight Permit_serv	BOBJ1	3	9.4	After	Interior Girder 6	9.4	0.95	1	1	4.289855
Overweight Permit_serv	BOBJ1	3	9.4	After	Right Exterior Girder	9.4	0.95	1	1	4.980698
Overweight Permit_serv	BOBJ1	4	18.8	Before	Left Exterior Girder	18.8	0.95	1	1	2.908873
Overweight Permit_serv	BOBJ1	4	18.8	Before	Interior Girder 1	18.8	0.95	1	1	3.238807
Overweight Permit_serv	BOBJ1	4	18.8	Before	Interior Girder 2	18.8	0.95	1	1	3.523326
Overweight Permit_serv	BOBJ1	4	18.8	Before	Interior Girder 3	18.8	0.95	1	1	3.460286
Overweight Permit_serv	BOBJ1	4	18.8	Before	Interior Girder 4	18.8	0.95	1	1	3.460286
Overweight Permit_serv	BOBJ1	4	18.8	Before	Interior Girder 5	18.8	0.95	1	1	3.523326
Overweight Permit_serv	BOBJ1	4	18.8	Before	Interior Girder 6	18.8	0.95	1	1	3.238807
Overweight Permit_serv	BOBJ1	4	18.8	Before	Right Exterior Girder	18.8	0.95	1	1	2.908873
Overweight Permit_serv	BOBJ1	5	18.8	After	Left Exterior Girder	18.8	0.95	1	1	2.97093
Overweight Permit_serv	BOBJ1	5	18.8	After	Interior Girder 1	18.8	0.95	1	1	3.204243
Overweight Permit_serv	BOBJ1	5	18.8	After	Interior Girder 2	18.8	0.95	1	1	3.538206
Overweight Permit_serv	BOBJ1	5	18.8	After	Interior Girder 3	18.8	0.95	1	1	3.489828
Overweight Permit_serv	BOBJ1	5	18.8	After	Interior Girder 4	18.8	0.95	1	1	3.489828
Overweight Permit_serv	BOBJ1	5	18.8	After	Interior Girder 5	18.8	0.95	1	1	3.538206
Overweight Permit_serv	BOBJ1	5	18.8	After	Interior Girder 6	18.8	0.95	1	1	3.204243
Overweight Permit_serv	BOBJ1	5	18.8	After	Right Exterior Girder	18.8	0.95	1	1	2.97093
Overweight Permit_serv	BOBJ1	6	28.2	Before	Left Exterior Girder	28.2	0.95	1	1	3.121197
Overweight Permit_serv	BOBJ1	6	28.2	Before	Interior Girder 1	28.2	0.95	1	1	3.04874
Overweight Permit_serv	BOBJ1	6	28.2	Before	Interior Girder 2	28.2	0.95	1	1	3.336968
Overweight Permit_serv	BOBJ1	6	28.2	Before	Interior Girder 3	28.2	0.95	1	1	3.172234
Overweight Permit_serv	BOBJ1	6	28.2	Before	Interior Girder 4	28.2	0.95	1	1	3.172234
Overweight Permit_serv	BOBJ1	6	28.2	Before	Interior Girder 5	28.2	0.95	1	1	3.336968
Overweight Permit_serv	BOBJ1	6	28.2	Before	Interior Girder 6	28.2	0.95	1	1	3.04874
Overweight Permit_serv	BOBJ1	6	28.2	Before	Right Exterior Girder	28.2	0.95	1	1	3.121197
Overweight Permit_serv	BOBJ1	7	28.2	After	Left Exterior Girder	28.2	0.95	1	1	3.093336
Overweight Permit_serv	BOBJ1	7	28.2	After	Interior Girder 1	28.2	0.95	1	1	3.055958
Overweight Permit_serv	BOBJ1	7	28.2	After	Interior Girder 2	28.2	0.95	1	1	3.324819
Overweight Permit_serv	BOBJ1	7	28.2	After	Interior Girder 3	28.2	0.95	1	1	3.150124
Overweight Permit_serv	BOBJ1	7	28.2	After	Interior Girder 4	28.2	0.95	1	1	3.150124
Overweight Permit_serv	BOBJ1	7	28.2	After	Interior Girder 5	28.2	0.95	1	1	3.324819
Overweight Permit_serv	BOBJ1	7	28.2	After	Interior Girder 6	28.2	0.95	1	1	3.055958
Overweight Permit_serv	BOBJ1	7	28.2	After	Right Exterior Girder	28.2	0.95	1	1	3.093336
Overweight Permit_serv	BOBJ1	8	37.6	Before	Left Exterior Girder	37.6	0.95	1	1	4.611346
Overweight Permit_serv	BOBJ1	8	37.6	Before	Interior Girder 1	37.6	0.95	1	1	4.626535
Overweight Permit_serv	BOBJ1	8	37.6	Before	Interior Girder 2	37.6	0.95	1	1	5.000301
Overweight Permit_serv	BOBJ1	8	37.6	Before	Interior Girder 3	37.6	0.95	1	1	4.887676
Overweight Permit_serv	BOBJ1	8	37.6	Before	Interior Girder 4	37.6	0.95	1	1	4.887676
Overweight Permit_serv	BOBJ1	8	37.6	Before	Interior Girder 5	37.6	0.95	1	1	5.000301
Overweight Permit_serv	BOBJ1	8	37.6	Before	Interior Girder 6	37.6	0.95	1	1	4.626535
Overweight Permit_serv	BOBJ1	8	37.6	Before	Right Exterior Girder	37.6	0.95	1	1	4.611346
Overweight Permit_serv	BOBJ1	9	37.6	After	Left Exterior Girder	37.6	0.95	1	1	4.435061
Overweight Permit_serv	BOBJ1	9	37.6	After	Interior Girder 1	37.6	0.95	1	1	4.715364
Overweight Permit_serv	BOBJ1	9	37.6	After	Interior Girder 2	37.6	0.95	1	1	4.966617
Overweight Permit_serv	BOBJ1	9	37.6	After	Interior Girder 3	37.6	0.95	1	1	4.802808
Overweight Permit_serv	BOBJ1	9	37.6	After	Interior Girder 4	37.6	0.95	1	1	4.802808
Overweight Permit_serv	BOBJ1	9	37.6	After	Interior Girder 5	37.6	0.95	1	1	4.966617
Overweight Permit_serv	BOBJ1	9	37.6	After	Interior Girder 6	37.6	0.95	1	1	4.715364
Overweight Permit_serv	BOBJ1	9	37.6	After	Right Exterior Girder	37.6	0.95	1	1	4.435061
Overweight Permit_serv	BOBJ1	10	47.01	Before	Left Exterior Girder	47.01	0.95	1	1	3.400906
Overweight Permit_serv	BOBJ1	10	47.01	Before	Interior Girder 1	47.01	0.95	1	1	4.016617
Overweight Permit_serv	BOBJ1	10	47.01	Before	Interior Girder 2	47.01	0.95	1	1	4.59133
Overweight Permit_serv	BOBJ1	10	47.01	Before	Interior Girder 3	47.01	0.95	1	1	4.525197
Overweight Permit_serv	BOBJ1	10	47.01	Before	Interior Girder 4	47.01	0.95	1	1	4.525197
Overweight Permit_serv	BOBJ1	10	47.01	Before	Interior Girder 5	47.01	0.95	1	1	4.59133
Overweight Permit_serv	BOBJ1	10	47.01	Before	Interior Girder 6	47.01	0.95	1	1	4.016617
Overweight Permit_serv	BOBJ1	10	47.01	Before	Right Exterior Girder	47.01	0.95	1	1	3.400906
Overweight Permit_serv	BOBJ1	11	47.01	After	Left Exterior Girder	47.01	0.95	1	1	3.543704
Overweight Permit_serv	BOBJ1	11	47.01	After	Interior Girder 1	47.01	0.95	1	1	3.968548
Overweight Permit_serv	BOBJ1	11	47.01	After	Interior Girder 2	47.01	0.95	1	1	4.646525
Overweight Permit_serv	BOBJ1	11	47.01	After	Interior Girder 3	47.01	0.95	1	1	4.619732
Overweight Permit_serv	BOBJ1	11	47.01	After	Interior Girder 4	47.01	0.95	1	1	4.619732
Overweight Permit_serv	BOBJ1	11	47.01	After	Interior Girder 5	47.01	0.95	1	1	4.646525
Overweight Permit_serv	BOBJ1	11	47.01	After	Interior Girder 6	47.01	0.95	1	1	3.968548
Overweight Permit_serv	BOBJ1	11	47.01	After	Right Exterior Girder	47.01	0.95	1	1	3.543704
Overweight Permit_serv	BOBJ1	12	49.42	Before	Left Exterior Girder	49.42	0.95	1	1	2.578887
Overweight Permit_serv	BOBJ1	12	49.42	Before	Right Exterior Girder	49.42	0.95	1	1	2.578887
Overweight Permit_serv	BOBJ1	13	49.42	After	Left Exterior Girder	49.42	0.95	1	1	4.458149
Overweight Permit_serv	BOBJ1	13	49.42	After	Right Exterior Girder	49.42	0.95	1	1	4.458149
Overweight Permit_serv	BOBJ1	14	51.92	Before	Interior Girder 1	51.92	0.95	1	1	2.585517

TABLE: Bridge Super Rating AASHTORATE18 31 - SteelICompServ-Flx - Approach, Span 7-11										
Request	BridgeObj	BridgeCut	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	Unitless	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Overweight Permit_serv	BOBJ1	14	51.92	Before	Interior Girder 2	51.92	0.95	1	1	3.070332
Overweight Permit_serv	BOBJ1	14	51.92	Before	Interior Girder 3	51.92	0.95	1	1	2.81861
Overweight Permit_serv	BOBJ1	14	51.92	Before	Interior Girder 4	51.92	0.95	1	1	2.81861
Overweight Permit_serv	BOBJ1	14	51.92	Before	Interior Girder 5	51.92	0.95	1	1	3.070332
Overweight Permit_serv	BOBJ1	14	51.92	Before	Interior Girder 6	51.92	0.95	1	1	2.585517
Overweight Permit_serv	BOBJ1	15	51.92	After	Interior Girder 1	51.92	0.95	1	1	3.172897
Overweight Permit_serv	BOBJ1	15	51.92	After	Interior Girder 2	51.92	0.95	1	1	3.725193
Overweight Permit_serv	BOBJ1	15	51.92	After	Interior Girder 3	51.92	0.95	1	1	3.453591
Overweight Permit_serv	BOBJ1	15	51.92	After	Interior Girder 4	51.92	0.95	1	1	3.453591
Overweight Permit_serv	BOBJ1	15	51.92	After	Interior Girder 5	51.92	0.95	1	1	3.725193
Overweight Permit_serv	BOBJ1	15	51.92	After	Interior Girder 6	51.92	0.95	1	1	3.172897
Overweight Permit_serv	BOBJ1	16	56.42	Before	Left Exterior Girder	56.42	0.95	1	1	2.200102
Overweight Permit_serv	BOBJ1	16	56.42	Before	Interior Girder 1	56.42	0.95	1	1	2.07464
Overweight Permit_serv	BOBJ1	16	56.42	Before	Interior Girder 2	56.42	0.95	1	1	2.498193
Overweight Permit_serv	BOBJ1	16	56.42	Before	Interior Girder 3	56.42	0.95	1	1	2.117815
Overweight Permit_serv	BOBJ1	16	56.42	Before	Interior Girder 4	56.42	0.95	1	1	2.117815
Overweight Permit_serv	BOBJ1	16	56.42	Before	Interior Girder 5	56.42	0.95	1	1	2.498193
Overweight Permit_serv	BOBJ1	16	56.42	Before	Interior Girder 6	56.42	0.95	1	1	2.07464
Overweight Permit_serv	BOBJ1	16	56.42	Before	Right Exterior Girder	56.42	0.95	1	1	2.200102
Overweight Permit_serv	BOBJ1	17	56.42	After	Left Exterior Girder	0	0.95	1	1	2.191079
Overweight Permit_serv	BOBJ1	17	56.42	After	Interior Girder 1	0	0.95	1	1	2.076212
Overweight Permit_serv	BOBJ1	17	56.42	After	Interior Girder 2	0	0.95	1	1	2.47409
Overweight Permit_serv	BOBJ1	17	56.42	After	Interior Girder 3	0	0.95	1	1	2.102113
Overweight Permit_serv	BOBJ1	17	56.42	After	Interior Girder 4	0	0.95	1	1	2.102113
Overweight Permit_serv	BOBJ1	17	56.42	After	Interior Girder 5	0	0.95	1	1	2.47409
Overweight Permit_serv	BOBJ1	17	56.42	After	Interior Girder 6	0	0.95	1	1	2.076212
Overweight Permit_serv	BOBJ1	17	56.42	After	Right Exterior Girder	0	0.95	1	1	2.191079
Overweight Permit_serv	BOBJ1	18	60.92	Before	Interior Girder 1	4.5	0.95	1	1	3.175794
Overweight Permit_serv	BOBJ1	18	60.92	Before	Interior Girder 2	4.5	0.95	1	1	3.794111
Overweight Permit_serv	BOBJ1	18	60.92	Before	Interior Girder 3	4.5	0.95	1	1	3.452775
Overweight Permit_serv	BOBJ1	18	60.92	Before	Interior Girder 4	4.5	0.95	1	1	3.452775
Overweight Permit_serv	BOBJ1	18	60.92	Before	Interior Girder 5	4.5	0.95	1	1	3.794111
Overweight Permit_serv	BOBJ1	18	60.92	Before	Interior Girder 6	4.5	0.95	1	1	3.175794
Overweight Permit_serv	BOBJ1	19	60.92	After	Interior Girder 1	4.5	0.95	1	1	2.588001
Overweight Permit_serv	BOBJ1	19	60.92	After	Interior Girder 2	4.5	0.95	1	1	3.130551
Overweight Permit_serv	BOBJ1	19	60.92	After	Interior Girder 3	4.5	0.95	1	1	2.818545
Overweight Permit_serv	BOBJ1	19	60.92	After	Interior Girder 4	4.5	0.95	1	1	2.818545
Overweight Permit_serv	BOBJ1	19	60.92	After	Interior Girder 5	4.5	0.95	1	1	3.130551
Overweight Permit_serv	BOBJ1	19	60.92	After	Interior Girder 6	4.5	0.95	1	1	2.588001
Overweight Permit_serv	BOBJ1	20	63.42	Before	Left Exterior Girder	7	0.95	1	1	4.410825
Overweight Permit_serv	BOBJ1	20	63.42	Before	Right Exterior Girder	7	0.95	1	1	4.410825
Overweight Permit_serv	BOBJ1	21	63.42	After	Left Exterior Girder	7	0.95	1	1	2.538763
Overweight Permit_serv	BOBJ1	21	63.42	After	Right Exterior Girder	7	0.95	1	1	2.538763
Overweight Permit_serv	BOBJ1	22	64.845	Before	Left Exterior Girder	8.425	0.95	1	1	3.073576
Overweight Permit_serv	BOBJ1	22	64.845	Before	Interior Girder 1	8.425	0.95	1	1	3.755719
Overweight Permit_serv	BOBJ1	22	64.845	Before	Interior Girder 2	8.425	0.95	1	1	4.384701
Overweight Permit_serv	BOBJ1	22	64.845	Before	Interior Girder 3	8.425	0.95	1	1	4.151926
Overweight Permit_serv	BOBJ1	22	64.845	Before	Interior Girder 4	8.425	0.95	1	1	4.151926
Overweight Permit_serv	BOBJ1	22	64.845	Before	Interior Girder 5	8.425	0.95	1	1	4.384701
Overweight Permit_serv	BOBJ1	22	64.845	Before	Interior Girder 6	8.425	0.95	1	1	3.755719
Overweight Permit_serv	BOBJ1	22	64.845	Before	Right Exterior Girder	8.425	0.95	1	1	3.073576
Overweight Permit_serv	BOBJ1	23	64.845	After	Left Exterior Girder	8.425	0.95	1	1	3.013085
Overweight Permit_serv	BOBJ1	23	64.845	After	Interior Girder 1	8.425	0.95	1	1	3.810744
Overweight Permit_serv	BOBJ1	23	64.845	After	Interior Girder 2	8.425	0.95	1	1	4.387846
Overweight Permit_serv	BOBJ1	23	64.845	After	Interior Girder 3	8.425	0.95	1	1	4.121985
Overweight Permit_serv	BOBJ1	23	64.845	After	Interior Girder 4	8.425	0.95	1	1	4.121985
Overweight Permit_serv	BOBJ1	23	64.845	After	Interior Girder 5	8.425	0.95	1	1	4.387846
Overweight Permit_serv	BOBJ1	23	64.845	After	Interior Girder 6	8.425	0.95	1	1	3.810744
Overweight Permit_serv	BOBJ1	23	64.845	After	Right Exterior Girder	8.425	0.95	1	1	3.013085
Overweight Permit_serv	BOBJ1	24	69.92	Before	Left Exterior Girder	13.5	0.95	1	1	5.475482
Overweight Permit_serv	BOBJ1	24	69.92	Before	Interior Girder 1	13.5	0.95	1	1	5.788405
Overweight Permit_serv	BOBJ1	24	69.92	Before	Interior Girder 2	13.5	0.95	1	1	6.611027
Overweight Permit_serv	BOBJ1	24	69.92	Before	Interior Girder 3	13.5	0.95	1	1	6.851742
Overweight Permit_serv	BOBJ1	24	69.92	Before	Interior Girder 4	13.5	0.95	1	1	6.851742
Overweight Permit_serv	BOBJ1	24	69.92	Before	Interior Girder 5	13.5	0.95	1	1	6.611027
Overweight Permit_serv	BOBJ1	24	69.92	Before	Interior Girder 6	13.5	0.95	1	1	5.788405
Overweight Permit_serv	BOBJ1	24	69.92	Before	Right Exterior Girder	13.5	0.95	1	1	5.475482
Overweight Permit_serv	BOBJ1	25	69.92	After	Left Exterior Girder	13.5	0.95	1	1	4.669313
Overweight Permit_serv	BOBJ1	25	69.92	After	Interior Girder 1	13.5	0.95	1	1	5.439168
Overweight Permit_serv	BOBJ1	25	69.92	After	Interior Girder 2	13.5	0.95	1	1	6.161923
Overweight Permit_serv	BOBJ1	25	69.92	After	Interior Girder 3	13.5	0.95	1	1	6.34822
Overweight Permit_serv	BOBJ1	25	69.92	After	Interior Girder 4	13.5	0.95	1	1	6.34822
Overweight Permit_serv	BOBJ1	25	69.92	After	Interior Girder 5	13.5	0.95	1	1	6.161923

TABLE: Bridge Super Rating AASHTORATE18 31 - SteelICompServ-Flx - Approach, Span 7-11										
Request	BridgeObj	BridgeCut	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	Unitless	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Overweight Permit_serv	BOBJ1	25	69.92	After	Interior Girder 6	13.5	0.95	1	1	5.439168
Overweight Permit_serv	BOBJ1	25	69.92	After	Right Exterior Girder	13.5	0.95	1	1	4.669313
Overweight Permit_serv	BOBJ1	26	73.27	Before	Left Exterior Girder	16.85	0.95	1	1	5.673523
Overweight Permit_serv	BOBJ1	26	73.27	Before	Interior Girder 1	16.85	0.95	1	1	5.802297
Overweight Permit_serv	BOBJ1	26	73.27	Before	Interior Girder 2	16.85	0.95	1	1	5.99795
Overweight Permit_serv	BOBJ1	26	73.27	Before	Interior Girder 3	16.85	0.95	1	1	5.838988
Overweight Permit_serv	BOBJ1	26	73.27	Before	Interior Girder 4	16.85	0.95	1	1	5.838988
Overweight Permit_serv	BOBJ1	26	73.27	Before	Interior Girder 5	16.85	0.95	1	1	5.99795
Overweight Permit_serv	BOBJ1	26	73.27	Before	Interior Girder 6	16.85	0.95	1	1	5.802297
Overweight Permit_serv	BOBJ1	26	73.27	Before	Right Exterior Girder	16.85	0.95	1	1	5.673523
Overweight Permit_serv	BOBJ1	27	73.27	After	Left Exterior Girder	16.85	0.95	1	1	5.865998
Overweight Permit_serv	BOBJ1	27	73.27	After	Interior Girder 1	16.85	0.95	1	1	5.68821
Overweight Permit_serv	BOBJ1	27	73.27	After	Interior Girder 2	16.85	0.95	1	1	5.939961
Overweight Permit_serv	BOBJ1	27	73.27	After	Interior Girder 3	16.85	0.95	1	1	5.889567
Overweight Permit_serv	BOBJ1	27	73.27	After	Interior Girder 4	16.85	0.95	1	1	5.889567
Overweight Permit_serv	BOBJ1	27	73.27	After	Interior Girder 5	16.85	0.95	1	1	5.939961
Overweight Permit_serv	BOBJ1	27	73.27	After	Interior Girder 6	16.85	0.95	1	1	5.68821
Overweight Permit_serv	BOBJ1	27	73.27	After	Right Exterior Girder	16.85	0.95	1	1	5.865998
Overweight Permit_serv	BOBJ1	28	81.695	Before	Left Exterior Girder	25.275	0.95	1	1	3.321698
Overweight Permit_serv	BOBJ1	28	81.695	Before	Interior Girder 1	25.275	0.95	1	1	3.304701
Overweight Permit_serv	BOBJ1	28	81.695	Before	Interior Girder 2	25.275	0.95	1	1	3.637937
Overweight Permit_serv	BOBJ1	28	81.695	Before	Interior Girder 3	25.275	0.95	1	1	3.446964
Overweight Permit_serv	BOBJ1	28	81.695	Before	Interior Girder 4	25.275	0.95	1	1	3.446964
Overweight Permit_serv	BOBJ1	28	81.695	Before	Interior Girder 5	25.275	0.95	1	1	3.637937
Overweight Permit_serv	BOBJ1	28	81.695	Before	Interior Girder 6	25.275	0.95	1	1	3.304701
Overweight Permit_serv	BOBJ1	28	81.695	Before	Right Exterior Girder	25.275	0.95	1	1	3.321698
Overweight Permit_serv	BOBJ1	29	81.695	After	Left Exterior Girder	25.275	0.95	1	1	3.414211
Overweight Permit_serv	BOBJ1	29	81.695	After	Interior Girder 1	25.275	0.95	1	1	3.273486
Overweight Permit_serv	BOBJ1	29	81.695	After	Interior Girder 2	25.275	0.95	1	1	3.647953
Overweight Permit_serv	BOBJ1	29	81.695	After	Interior Girder 3	25.275	0.95	1	1	3.488246
Overweight Permit_serv	BOBJ1	29	81.695	After	Interior Girder 4	25.275	0.95	1	1	3.488246
Overweight Permit_serv	BOBJ1	29	81.695	After	Interior Girder 5	25.275	0.95	1	1	3.647953
Overweight Permit_serv	BOBJ1	29	81.695	After	Interior Girder 6	25.275	0.95	1	1	3.273486
Overweight Permit_serv	BOBJ1	29	81.695	After	Right Exterior Girder	25.275	0.95	1	1	3.414211
Overweight Permit_serv	BOBJ1	30	90.12	Before	Left Exterior Girder	33.7	0.95	1	1	2.768938
Overweight Permit_serv	BOBJ1	30	90.12	Before	Interior Girder 1	33.7	0.95	1	1	3.153991
Overweight Permit_serv	BOBJ1	30	90.12	Before	Interior Girder 2	33.7	0.95	1	1	3.540042
Overweight Permit_serv	BOBJ1	30	90.12	Before	Interior Girder 3	33.7	0.95	1	1	3.546636
Overweight Permit_serv	BOBJ1	30	90.12	Before	Interior Girder 4	33.7	0.95	1	1	3.546636
Overweight Permit_serv	BOBJ1	30	90.12	Before	Interior Girder 5	33.7	0.95	1	1	3.540042
Overweight Permit_serv	BOBJ1	30	90.12	Before	Interior Girder 6	33.7	0.95	1	1	3.153991
Overweight Permit_serv	BOBJ1	30	90.12	Before	Right Exterior Girder	33.7	0.95	1	1	2.768938
Overweight Permit_serv	BOBJ1	31	90.12	After	Left Exterior Girder	33.7	0.95	1	1	2.772969
Overweight Permit_serv	BOBJ1	31	90.12	After	Interior Girder 1	33.7	0.95	1	1	3.155141
Overweight Permit_serv	BOBJ1	31	90.12	After	Interior Girder 2	33.7	0.95	1	1	3.535013
Overweight Permit_serv	BOBJ1	31	90.12	After	Interior Girder 3	33.7	0.95	1	1	3.55039
Overweight Permit_serv	BOBJ1	31	90.12	After	Interior Girder 4	33.7	0.95	1	1	3.55039
Overweight Permit_serv	BOBJ1	31	90.12	After	Interior Girder 5	33.7	0.95	1	1	3.535013
Overweight Permit_serv	BOBJ1	31	90.12	After	Interior Girder 6	33.7	0.95	1	1	3.155141
Overweight Permit_serv	BOBJ1	31	90.12	After	Right Exterior Girder	33.7	0.95	1	1	2.772969
Overweight Permit_serv	BOBJ1	32	98.545	Before	Left Exterior Girder	42.125	0.95	1	1	3.329105
Overweight Permit_serv	BOBJ1	32	98.545	Before	Interior Girder 1	42.125	0.95	1	1	3.227265
Overweight Permit_serv	BOBJ1	32	98.545	Before	Interior Girder 2	42.125	0.95	1	1	3.614779
Overweight Permit_serv	BOBJ1	32	98.545	Before	Interior Girder 3	42.125	0.95	1	1	3.467269
Overweight Permit_serv	BOBJ1	32	98.545	Before	Interior Girder 4	42.125	0.95	1	1	3.467269
Overweight Permit_serv	BOBJ1	32	98.545	Before	Interior Girder 5	42.125	0.95	1	1	3.614779
Overweight Permit_serv	BOBJ1	32	98.545	Before	Interior Girder 6	42.125	0.95	1	1	3.227265
Overweight Permit_serv	BOBJ1	32	98.545	Before	Right Exterior Girder	42.125	0.95	1	1	3.329105
Overweight Permit_serv	BOBJ1	33	98.545	After	Left Exterior Girder	42.125	0.95	1	1	3.248866
Overweight Permit_serv	BOBJ1	33	98.545	After	Interior Girder 1	42.125	0.95	1	1	3.254469
Overweight Permit_serv	BOBJ1	33	98.545	After	Interior Girder 2	42.125	0.95	1	1	3.602481
Overweight Permit_serv	BOBJ1	33	98.545	After	Interior Girder 3	42.125	0.95	1	1	3.426659
Overweight Permit_serv	BOBJ1	33	98.545	After	Interior Girder 4	42.125	0.95	1	1	3.426659
Overweight Permit_serv	BOBJ1	33	98.545	After	Interior Girder 5	42.125	0.95	1	1	3.602481
Overweight Permit_serv	BOBJ1	33	98.545	After	Interior Girder 6	42.125	0.95	1	1	3.254469
Overweight Permit_serv	BOBJ1	33	98.545	After	Right Exterior Girder	42.125	0.95	1	1	3.248866
Overweight Permit_serv	BOBJ1	34	106.97	Before	Left Exterior Girder	50.55	0.95	1	1	5.313847
Overweight Permit_serv	BOBJ1	34	106.97	Before	Interior Girder 1	50.55	0.95	1	1	5.446118
Overweight Permit_serv	BOBJ1	34	106.97	Before	Interior Girder 2	50.55	0.95	1	1	5.764806
Overweight Permit_serv	BOBJ1	34	106.97	Before	Interior Girder 3	50.55	0.95	1	1	5.717133
Overweight Permit_serv	BOBJ1	34	106.97	Before	Interior Girder 4	50.55	0.95	1	1	5.717133
Overweight Permit_serv	BOBJ1	34	106.97	Before	Interior Girder 5	50.55	0.95	1	1	5.764806
Overweight Permit_serv	BOBJ1	34	106.97	Before	Interior Girder 6	50.55	0.95	1	1	5.446118

TABLE: Bridge Super Rating AASHTORATE18 31 - SteelICompServ-Flx - Approach, Span 7-11										
Request	BridgeObj	BridgeCut	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	Unitless	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Overweight Permit_serv	BOBJ1	34	106.97	Before	Right Exterior Girder	50.55	0.95	1	1	5.313847
Overweight Permit_serv	BOBJ1	35	106.97	After	Left Exterior Girder	50.55	0.95	1	1	5.283408
Overweight Permit_serv	BOBJ1	35	106.97	After	Interior Girder 1	50.55	0.95	1	1	5.556915
Overweight Permit_serv	BOBJ1	35	106.97	After	Interior Girder 2	50.55	0.95	1	1	5.802609
Overweight Permit_serv	BOBJ1	35	106.97	After	Interior Girder 3	50.55	0.95	1	1	5.59832
Overweight Permit_serv	BOBJ1	35	106.97	After	Interior Girder 4	50.55	0.95	1	1	5.59832
Overweight Permit_serv	BOBJ1	35	106.97	After	Interior Girder 5	50.55	0.95	1	1	5.802609
Overweight Permit_serv	BOBJ1	35	106.97	After	Interior Girder 6	50.55	0.95	1	1	5.556915
Overweight Permit_serv	BOBJ1	35	106.97	After	Right Exterior Girder	50.55	0.95	1	1	5.283408
Overweight Permit_serv	BOBJ1	36	115.405	Before	Left Exterior Girder	58.985	0.95	1	1	2.462108
Overweight Permit_serv	BOBJ1	36	115.405	Before	Interior Girder 1	58.985	0.95	1	1	3.29136
Overweight Permit_serv	BOBJ1	36	115.405	Before	Interior Girder 2	58.985	0.95	1	1	3.872169
Overweight Permit_serv	BOBJ1	36	115.405	Before	Interior Girder 3	58.985	0.95	1	1	3.702677
Overweight Permit_serv	BOBJ1	36	115.405	Before	Interior Girder 4	58.985	0.95	1	1	3.702677
Overweight Permit_serv	BOBJ1	36	115.405	Before	Interior Girder 5	58.985	0.95	1	1	3.872169
Overweight Permit_serv	BOBJ1	36	115.405	Before	Interior Girder 6	58.985	0.95	1	1	3.29136
Overweight Permit_serv	BOBJ1	36	115.405	Before	Right Exterior Girder	58.985	0.95	1	1	2.462108
Overweight Permit_serv	BOBJ1	37	115.405	After	Left Exterior Girder	58.985	0.95	1	1	2.585572
Overweight Permit_serv	BOBJ1	37	115.405	After	Interior Girder 1	58.985	0.95	1	1	3.191504
Overweight Permit_serv	BOBJ1	37	115.405	After	Interior Girder 2	58.985	0.95	1	1	3.890308
Overweight Permit_serv	BOBJ1	37	115.405	After	Interior Girder 3	58.985	0.95	1	1	3.766926
Overweight Permit_serv	BOBJ1	37	115.405	After	Interior Girder 4	58.985	0.95	1	1	3.766926
Overweight Permit_serv	BOBJ1	37	115.405	After	Interior Girder 5	58.985	0.95	1	1	3.890308
Overweight Permit_serv	BOBJ1	37	115.405	After	Interior Girder 6	58.985	0.95	1	1	3.191504
Overweight Permit_serv	BOBJ1	37	115.405	After	Right Exterior Girder	58.985	0.95	1	1	2.585572
Overweight Permit_serv	BOBJ1	38	116.34	Before	Left Exterior Girder	59.92	0.95	1	1	2.192383
Overweight Permit_serv	BOBJ1	38	116.34	Before	Right Exterior Girder	59.92	0.95	1	1	2.192383
Overweight Permit_serv	BOBJ1	39	116.34	After	Left Exterior Girder	59.92	0.95	1	1	4.353601
Overweight Permit_serv	BOBJ1	39	116.34	After	Right Exterior Girder	59.92	0.95	1	1	4.353601
Overweight Permit_serv	BOBJ1	40	118.84	Before	Interior Girder 1	62.42	0.95	1	1	2.340033
Overweight Permit_serv	BOBJ1	40	118.84	Before	Interior Girder 2	62.42	0.95	1	1	2.882155
Overweight Permit_serv	BOBJ1	40	118.84	Before	Interior Girder 3	62.42	0.95	1	1	2.653901
Overweight Permit_serv	BOBJ1	40	118.84	Before	Interior Girder 4	62.42	0.95	1	1	2.653901
Overweight Permit_serv	BOBJ1	40	118.84	Before	Interior Girder 5	62.42	0.95	1	1	2.882155
Overweight Permit_serv	BOBJ1	40	118.84	Before	Interior Girder 6	62.42	0.95	1	1	2.340033
Overweight Permit_serv	BOBJ1	41	118.84	After	Interior Girder 1	62.42	0.95	1	1	3.265657
Overweight Permit_serv	BOBJ1	41	118.84	After	Interior Girder 2	62.42	0.95	1	1	3.964501
Overweight Permit_serv	BOBJ1	41	118.84	After	Interior Girder 3	62.42	0.95	1	1	3.700754
Overweight Permit_serv	BOBJ1	41	118.84	After	Interior Girder 4	62.42	0.95	1	1	3.700754
Overweight Permit_serv	BOBJ1	41	118.84	After	Interior Girder 5	62.42	0.95	1	1	3.964501
Overweight Permit_serv	BOBJ1	41	118.84	After	Interior Girder 6	62.42	0.95	1	1	3.265657
Overweight Permit_serv	BOBJ1	42	123.84	Before	Left Exterior Girder	67.42	0.95	1	1	2.101308
Overweight Permit_serv	BOBJ1	42	123.84	Before	Interior Girder 1	67.42	0.95	1	1	2.087009
Overweight Permit_serv	BOBJ1	42	123.84	Before	Interior Girder 2	67.42	0.95	1	1	2.591301
Overweight Permit_serv	BOBJ1	42	123.84	Before	Interior Girder 3	67.42	0.95	1	1	2.223002
Overweight Permit_serv	BOBJ1	42	123.84	Before	Interior Girder 4	67.42	0.95	1	1	2.223002
Overweight Permit_serv	BOBJ1	42	123.84	Before	Interior Girder 5	67.42	0.95	1	1	2.591301
Overweight Permit_serv	BOBJ1	42	123.84	Before	Interior Girder 6	67.42	0.95	1	1	2.087009
Overweight Permit_serv	BOBJ1	42	123.84	Before	Right Exterior Girder	67.42	0.95	1	1	2.101308
Overweight Permit_serv	BOBJ1	43	123.84	After	Left Exterior Girder	0	0.95	1	1	2.095863
Overweight Permit_serv	BOBJ1	43	123.84	After	Interior Girder 1	0	0.95	1	1	2.088428
Overweight Permit_serv	BOBJ1	43	123.84	After	Interior Girder 2	0	0.95	1	1	2.587041
Overweight Permit_serv	BOBJ1	43	123.84	After	Interior Girder 3	0	0.95	1	1	2.217235
Overweight Permit_serv	BOBJ1	43	123.84	After	Interior Girder 4	0	0.95	1	1	2.217235
Overweight Permit_serv	BOBJ1	43	123.84	After	Interior Girder 5	0	0.95	1	1	2.587041
Overweight Permit_serv	BOBJ1	43	123.84	After	Interior Girder 6	0	0.95	1	1	2.088428
Overweight Permit_serv	BOBJ1	43	123.84	After	Right Exterior Girder	0	0.95	1	1	2.095863
Overweight Permit_serv	BOBJ1	44	128.84	Before	Interior Girder 1	5	0.95	1	1	3.279496
Overweight Permit_serv	BOBJ1	44	128.84	Before	Interior Girder 2	5	0.95	1	1	3.988659
Overweight Permit_serv	BOBJ1	44	128.84	Before	Interior Girder 3	5	0.95	1	1	3.711206
Overweight Permit_serv	BOBJ1	44	128.84	Before	Interior Girder 4	5	0.95	1	1	3.711206
Overweight Permit_serv	BOBJ1	44	128.84	Before	Interior Girder 5	5	0.95	1	1	3.988659
Overweight Permit_serv	BOBJ1	44	128.84	Before	Interior Girder 6	5	0.95	1	1	3.279496
Overweight Permit_serv	BOBJ1	45	128.84	After	Interior Girder 1	5	0.95	1	1	2.350778
Overweight Permit_serv	BOBJ1	45	128.84	After	Interior Girder 2	5	0.95	1	1	2.901285
Overweight Permit_serv	BOBJ1	45	128.84	After	Interior Girder 3	5	0.95	1	1	2.662973
Overweight Permit_serv	BOBJ1	45	128.84	After	Interior Girder 4	5	0.95	1	1	2.662973
Overweight Permit_serv	BOBJ1	45	128.84	After	Interior Girder 5	5	0.95	1	1	2.901285
Overweight Permit_serv	BOBJ1	45	128.84	After	Interior Girder 6	5	0.95	1	1	2.350778
Overweight Permit_serv	BOBJ1	46	131.34	Before	Left Exterior Girder	7.5	0.95	1	1	4.381245
Overweight Permit_serv	BOBJ1	46	131.34	Before	Right Exterior Girder	7.5	0.95	1	1	4.381245
Overweight Permit_serv	BOBJ1	47	131.34	After	Left Exterior Girder	7.5	0.95	1	1	2.207943
Overweight Permit_serv	BOBJ1	47	131.34	After	Right Exterior Girder	7.5	0.95	1	1	2.207943

TABLE: Bridge Super Rating AASHTORATE18 31 - SteelICompServ-Flx - Approach, Span 7-11										
Request	BridgeObj	BridgeCut	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	Unitless	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Overweight Permit_serv	BOBJ1	48	132.265	Before	Left Exterior Girder	8.425	0.95	1	1	2.589688
Overweight Permit_serv	BOBJ1	48	132.265	Before	Interior Girder 1	8.425	0.95	1	1	3.221754
Overweight Permit_serv	BOBJ1	48	132.265	Before	Interior Girder 2	8.425	0.95	1	1	3.927249
Overweight Permit_serv	BOBJ1	48	132.265	Before	Interior Girder 3	8.425	0.95	1	1	3.783049
Overweight Permit_serv	BOBJ1	48	132.265	Before	Interior Girder 4	8.425	0.95	1	1	3.783049
Overweight Permit_serv	BOBJ1	48	132.265	Before	Interior Girder 5	8.425	0.95	1	1	3.927249
Overweight Permit_serv	BOBJ1	48	132.265	Before	Interior Girder 6	8.425	0.95	1	1	3.221754
Overweight Permit_serv	BOBJ1	48	132.265	Before	Right Exterior Girder	8.425	0.95	1	1	2.589688
Overweight Permit_serv	BOBJ1	49	132.265	After	Left Exterior Girder	8.425	0.95	1	1	2.466108
Overweight Permit_serv	BOBJ1	49	132.265	After	Interior Girder 1	8.425	0.95	1	1	3.324377
Overweight Permit_serv	BOBJ1	49	132.265	After	Interior Girder 2	8.425	0.95	1	1	3.901802
Overweight Permit_serv	BOBJ1	49	132.265	After	Interior Girder 3	8.425	0.95	1	1	3.718406
Overweight Permit_serv	BOBJ1	49	132.265	After	Interior Girder 4	8.425	0.95	1	1	3.718406
Overweight Permit_serv	BOBJ1	49	132.265	After	Interior Girder 5	8.425	0.95	1	1	3.901802
Overweight Permit_serv	BOBJ1	49	132.265	After	Interior Girder 6	8.425	0.95	1	1	3.324377
Overweight Permit_serv	BOBJ1	49	132.265	After	Right Exterior Girder	8.425	0.95	1	1	2.466108
Overweight Permit_serv	BOBJ1	50	140.69	Before	Left Exterior Girder	16.85	0.95	1	1	5.339702
Overweight Permit_serv	BOBJ1	50	140.69	Before	Interior Girder 1	16.85	0.95	1	1	5.584021
Overweight Permit_serv	BOBJ1	50	140.69	Before	Interior Girder 2	16.85	0.95	1	1	5.820722
Overweight Permit_serv	BOBJ1	50	140.69	Before	Interior Girder 3	16.85	0.95	1	1	5.628222
Overweight Permit_serv	BOBJ1	50	140.69	Before	Interior Girder 4	16.85	0.95	1	1	5.628222
Overweight Permit_serv	BOBJ1	50	140.69	Before	Interior Girder 5	16.85	0.95	1	1	5.820722
Overweight Permit_serv	BOBJ1	50	140.69	Before	Interior Girder 6	16.85	0.95	1	1	5.584021
Overweight Permit_serv	BOBJ1	50	140.69	Before	Right Exterior Girder	16.85	0.95	1	1	5.339702
Overweight Permit_serv	BOBJ1	51	140.69	After	Left Exterior Girder	16.85	0.95	1	1	5.442813
Overweight Permit_serv	BOBJ1	51	140.69	After	Interior Girder 1	16.85	0.95	1	1	5.471621
Overweight Permit_serv	BOBJ1	51	140.69	After	Interior Girder 2	16.85	0.95	1	1	5.781376
Overweight Permit_serv	BOBJ1	51	140.69	After	Interior Girder 3	16.85	0.95	1	1	5.746948
Overweight Permit_serv	BOBJ1	51	140.69	After	Interior Girder 4	16.85	0.95	1	1	5.746948
Overweight Permit_serv	BOBJ1	51	140.69	After	Interior Girder 5	16.85	0.95	1	1	5.781376
Overweight Permit_serv	BOBJ1	51	140.69	After	Interior Girder 6	16.85	0.95	1	1	5.471621
Overweight Permit_serv	BOBJ1	51	140.69	After	Right Exterior Girder	16.85	0.95	1	1	5.442813
Overweight Permit_serv	BOBJ1	52	149.115	Before	Left Exterior Girder	25.275	0.95	1	1	3.241098
Overweight Permit_serv	BOBJ1	52	149.115	Before	Interior Girder 1	25.275	0.95	1	1	3.237829
Overweight Permit_serv	BOBJ1	52	149.115	Before	Interior Girder 2	25.275	0.95	1	1	3.593772
Overweight Permit_serv	BOBJ1	52	149.115	Before	Interior Girder 3	25.275	0.95	1	1	3.425975
Overweight Permit_serv	BOBJ1	52	149.115	Before	Interior Girder 4	25.275	0.95	1	1	3.425975
Overweight Permit_serv	BOBJ1	52	149.115	Before	Interior Girder 5	25.275	0.95	1	1	3.593772
Overweight Permit_serv	BOBJ1	52	149.115	Before	Interior Girder 6	25.275	0.95	1	1	3.237829
Overweight Permit_serv	BOBJ1	52	149.115	Before	Right Exterior Girder	25.275	0.95	1	1	3.241098
Overweight Permit_serv	BOBJ1	53	149.115	After	Left Exterior Girder	25.275	0.95	1	1	3.324023
Overweight Permit_serv	BOBJ1	53	149.115	After	Interior Girder 1	25.275	0.95	1	1	3.211127
Overweight Permit_serv	BOBJ1	53	149.115	After	Interior Girder 2	25.275	0.95	1	1	3.60459
Overweight Permit_serv	BOBJ1	53	149.115	After	Interior Girder 3	25.275	0.95	1	1	3.46601
Overweight Permit_serv	BOBJ1	53	149.115	After	Interior Girder 4	25.275	0.95	1	1	3.46601
Overweight Permit_serv	BOBJ1	53	149.115	After	Interior Girder 5	25.275	0.95	1	1	3.60459
Overweight Permit_serv	BOBJ1	53	149.115	After	Interior Girder 6	25.275	0.95	1	1	3.211127
Overweight Permit_serv	BOBJ1	53	149.115	After	Right Exterior Girder	25.275	0.95	1	1	3.324023
Overweight Permit_serv	BOBJ1	54	157.54	Before	Left Exterior Girder	33.7	0.95	1	1	2.734356
Overweight Permit_serv	BOBJ1	54	157.54	Before	Interior Girder 1	33.7	0.95	1	1	3.107988
Overweight Permit_serv	BOBJ1	54	157.54	Before	Interior Girder 2	33.7	0.95	1	1	3.502693
Overweight Permit_serv	BOBJ1	54	157.54	Before	Interior Girder 3	33.7	0.95	1	1	3.532058
Overweight Permit_serv	BOBJ1	54	157.54	Before	Interior Girder 4	33.7	0.95	1	1	3.532058
Overweight Permit_serv	BOBJ1	54	157.54	Before	Interior Girder 5	33.7	0.95	1	1	3.502693
Overweight Permit_serv	BOBJ1	54	157.54	Before	Interior Girder 6	33.7	0.95	1	1	3.107988
Overweight Permit_serv	BOBJ1	54	157.54	Before	Right Exterior Girder	33.7	0.95	1	1	2.734356
Overweight Permit_serv	BOBJ1	55	157.54	After	Left Exterior Girder	33.7	0.95	1	1	2.734681
Overweight Permit_serv	BOBJ1	55	157.54	After	Interior Girder 1	33.7	0.95	1	1	3.107835
Overweight Permit_serv	BOBJ1	55	157.54	After	Interior Girder 2	33.7	0.95	1	1	3.502619
Overweight Permit_serv	BOBJ1	55	157.54	After	Interior Girder 3	33.7	0.95	1	1	3.532228
Overweight Permit_serv	BOBJ1	55	157.54	After	Interior Girder 4	33.7	0.95	1	1	3.532228
Overweight Permit_serv	BOBJ1	55	157.54	After	Interior Girder 5	33.7	0.95	1	1	3.502619
Overweight Permit_serv	BOBJ1	55	157.54	After	Interior Girder 6	33.7	0.95	1	1	3.107835
Overweight Permit_serv	BOBJ1	55	157.54	After	Right Exterior Girder	33.7	0.95	1	1	2.734681
Overweight Permit_serv	BOBJ1	56	165.965	Before	Left Exterior Girder	42.125	0.95	1	1	3.321048
Overweight Permit_serv	BOBJ1	56	165.965	Before	Interior Girder 1	42.125	0.95	1	1	3.20972
Overweight Permit_serv	BOBJ1	56	165.965	Before	Interior Girder 2	42.125	0.95	1	1	3.603114
Overweight Permit_serv	BOBJ1	56	165.965	Before	Interior Girder 3	42.125	0.95	1	1	3.46446
Overweight Permit_serv	BOBJ1	56	165.965	Before	Interior Girder 4	42.125	0.95	1	1	3.46446
Overweight Permit_serv	BOBJ1	56	165.965	Before	Interior Girder 5	42.125	0.95	1	1	3.603114
Overweight Permit_serv	BOBJ1	56	165.965	Before	Interior Girder 6	42.125	0.95	1	1	3.20972
Overweight Permit_serv	BOBJ1	56	165.965	Before	Right Exterior Girder	42.125	0.95	1	1	3.321048
Overweight Permit_serv	BOBJ1	57	165.965	After	Left Exterior Girder	42.125	0.95	1	1	3.238849

TABLE: Bridge Super Rating AASHTORATE18 31 - SteelICompServ-Flx - Approach, Span 7-11										
Request	BridgeObj	BridgeCut	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	Unitless	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Overweight Permit_serv	BOBJ1	57	165.965	After	Interior Girder 1	42.125	0.95	1	1	3.23629
Overweight Permit_serv	BOBJ1	57	165.965	After	Interior Girder 2	42.125	0.95	1	1	3.592267
Overweight Permit_serv	BOBJ1	57	165.965	After	Interior Girder 3	42.125	0.95	1	1	3.424599
Overweight Permit_serv	BOBJ1	57	165.965	After	Interior Girder 4	42.125	0.95	1	1	3.424599
Overweight Permit_serv	BOBJ1	57	165.965	After	Interior Girder 5	42.125	0.95	1	1	3.592267
Overweight Permit_serv	BOBJ1	57	165.965	After	Interior Girder 6	42.125	0.95	1	1	3.23629
Overweight Permit_serv	BOBJ1	57	165.965	After	Right Exterior Girder	42.125	0.95	1	1	3.238849
Overweight Permit_serv	BOBJ1	58	174.39	Before	Left Exterior Girder	50.55	0.95	1	1	5.447933
Overweight Permit_serv	BOBJ1	58	174.39	Before	Interior Girder 1	50.55	0.95	1	1	5.464661
Overweight Permit_serv	BOBJ1	58	174.39	Before	Interior Girder 2	50.55	0.95	1	1	5.77538
Overweight Permit_serv	BOBJ1	58	174.39	Before	Interior Girder 3	50.55	0.95	1	1	5.739194
Overweight Permit_serv	BOBJ1	58	174.39	Before	Interior Girder 4	50.55	0.95	1	1	5.739194
Overweight Permit_serv	BOBJ1	58	174.39	Before	Interior Girder 5	50.55	0.95	1	1	5.77538
Overweight Permit_serv	BOBJ1	58	174.39	Before	Interior Girder 6	50.55	0.95	1	1	5.464661
Overweight Permit_serv	BOBJ1	58	174.39	Before	Right Exterior Girder	50.55	0.95	1	1	5.447933
Overweight Permit_serv	BOBJ1	59	174.39	After	Left Exterior Girder	50.55	0.95	1	1	5.329158
Overweight Permit_serv	BOBJ1	59	174.39	After	Interior Girder 1	50.55	0.95	1	1	5.576566
Overweight Permit_serv	BOBJ1	59	174.39	After	Interior Girder 2	50.55	0.95	1	1	5.814772
Overweight Permit_serv	BOBJ1	59	174.39	After	Interior Girder 3	50.55	0.95	1	1	5.620905
Overweight Permit_serv	BOBJ1	59	174.39	After	Interior Girder 4	50.55	0.95	1	1	5.620905
Overweight Permit_serv	BOBJ1	59	174.39	After	Interior Girder 5	50.55	0.95	1	1	5.814772
Overweight Permit_serv	BOBJ1	59	174.39	After	Interior Girder 6	50.55	0.95	1	1	5.576566
Overweight Permit_serv	BOBJ1	59	174.39	After	Right Exterior Girder	50.55	0.95	1	1	5.329158
Overweight Permit_serv	BOBJ1	60	182.825	Before	Left Exterior Girder	58.985	0.95	1	1	2.469853
Overweight Permit_serv	BOBJ1	60	182.825	Before	Interior Girder 1	58.985	0.95	1	1	3.324241
Overweight Permit_serv	BOBJ1	60	182.825	Before	Interior Girder 2	58.985	0.95	1	1	3.900637
Overweight Permit_serv	BOBJ1	60	182.825	Before	Interior Girder 3	58.985	0.95	1	1	3.721765
Overweight Permit_serv	BOBJ1	60	182.825	Before	Interior Girder 4	58.985	0.95	1	1	3.721765
Overweight Permit_serv	BOBJ1	60	182.825	Before	Interior Girder 5	58.985	0.95	1	1	3.900637
Overweight Permit_serv	BOBJ1	60	182.825	Before	Interior Girder 6	58.985	0.95	1	1	3.324241
Overweight Permit_serv	BOBJ1	60	182.825	Before	Right Exterior Girder	58.985	0.95	1	1	2.469853
Overweight Permit_serv	BOBJ1	61	182.825	After	Left Exterior Girder	58.985	0.95	1	1	2.593748
Overweight Permit_serv	BOBJ1	61	182.825	After	Interior Girder 1	58.985	0.95	1	1	3.22174
Overweight Permit_serv	BOBJ1	61	182.825	After	Interior Girder 2	58.985	0.95	1	1	3.925985
Overweight Permit_serv	BOBJ1	61	182.825	After	Interior Girder 3	58.985	0.95	1	1	3.786946
Overweight Permit_serv	BOBJ1	61	182.825	After	Interior Girder 4	58.985	0.95	1	1	3.786946
Overweight Permit_serv	BOBJ1	61	182.825	After	Interior Girder 5	58.985	0.95	1	1	3.925985
Overweight Permit_serv	BOBJ1	61	182.825	After	Interior Girder 6	58.985	0.95	1	1	3.22174
Overweight Permit_serv	BOBJ1	61	182.825	After	Right Exterior Girder	58.985	0.95	1	1	2.593748
Overweight Permit_serv	BOBJ1	62	183.76	Before	Left Exterior Girder	59.92	0.95	1	1	2.197651
Overweight Permit_serv	BOBJ1	62	183.76	Before	Right Exterior Girder	59.92	0.95	1	1	2.197651
Overweight Permit_serv	BOBJ1	63	183.76	After	Left Exterior Girder	59.92	0.95	1	1	4.364145
Overweight Permit_serv	BOBJ1	63	183.76	After	Right Exterior Girder	59.92	0.95	1	1	4.364145
Overweight Permit_serv	BOBJ1	64	186.26	Before	Interior Girder 1	62.42	0.95	1	1	2.347892
Overweight Permit_serv	BOBJ1	64	186.26	Before	Interior Girder 2	62.42	0.95	1	1	2.897359
Overweight Permit_serv	BOBJ1	64	186.26	Before	Interior Girder 3	62.42	0.95	1	1	2.663303
Overweight Permit_serv	BOBJ1	64	186.26	Before	Interior Girder 4	62.42	0.95	1	1	2.663303
Overweight Permit_serv	BOBJ1	64	186.26	Before	Interior Girder 5	62.42	0.95	1	1	2.897359
Overweight Permit_serv	BOBJ1	64	186.26	Before	Interior Girder 6	62.42	0.95	1	1	2.347892
Overweight Permit_serv	BOBJ1	65	186.26	After	Interior Girder 1	62.42	0.95	1	1	3.276115
Overweight Permit_serv	BOBJ1	65	186.26	After	Interior Girder 2	62.42	0.95	1	1	3.983644
Overweight Permit_serv	BOBJ1	65	186.26	After	Interior Girder 3	62.42	0.95	1	1	3.712107
Overweight Permit_serv	BOBJ1	65	186.26	After	Interior Girder 4	62.42	0.95	1	1	3.712107
Overweight Permit_serv	BOBJ1	65	186.26	After	Interior Girder 5	62.42	0.95	1	1	3.983644
Overweight Permit_serv	BOBJ1	65	186.26	After	Interior Girder 6	62.42	0.95	1	1	3.276115
Overweight Permit_serv	BOBJ1	66	191.26	Before	Left Exterior Girder	67.42	0.95	1	1	2.096718
Overweight Permit_serv	BOBJ1	66	191.26	Before	Interior Girder 1	67.42	0.95	1	1	2.085831
Overweight Permit_serv	BOBJ1	66	191.26	Before	Interior Girder 2	67.42	0.95	1	1	2.58289
Overweight Permit_serv	BOBJ1	66	191.26	Before	Interior Girder 3	67.42	0.95	1	1	2.217489
Overweight Permit_serv	BOBJ1	66	191.26	Before	Interior Girder 4	67.42	0.95	1	1	2.217489
Overweight Permit_serv	BOBJ1	66	191.26	Before	Interior Girder 5	67.42	0.95	1	1	2.58289
Overweight Permit_serv	BOBJ1	66	191.26	Before	Interior Girder 6	67.42	0.95	1	1	2.085831
Overweight Permit_serv	BOBJ1	66	191.26	Before	Right Exterior Girder	67.42	0.95	1	1	2.096718
Overweight Permit_serv	BOBJ1	67	191.26	After	Left Exterior Girder	0	0.95	1	1	2.098451
Overweight Permit_serv	BOBJ1	67	191.26	After	Interior Girder 1	0	0.95	1	1	2.087822
Overweight Permit_serv	BOBJ1	67	191.26	After	Interior Girder 2	0	0.95	1	1	2.593929
Overweight Permit_serv	BOBJ1	67	191.26	After	Interior Girder 3	0	0.95	1	1	2.221529
Overweight Permit_serv	BOBJ1	67	191.26	After	Interior Girder 4	0	0.95	1	1	2.221529
Overweight Permit_serv	BOBJ1	67	191.26	After	Interior Girder 5	0	0.95	1	1	2.593929
Overweight Permit_serv	BOBJ1	67	191.26	After	Interior Girder 6	0	0.95	1	1	2.087822
Overweight Permit_serv	BOBJ1	67	191.26	After	Right Exterior Girder	0	0.95	1	1	2.098451
Overweight Permit_serv	BOBJ1	68	196.26	Before	Interior Girder 1	5	0.95	1	1	3.267193
Overweight Permit_serv	BOBJ1	68	196.26	Before	Interior Girder 2	5	0.95	1	1	3.967894

TABLE: Bridge Super Rating AASHTORATE18 31 - SteelICompServ-Flx - Approach, Span 7-11										
Request	BridgeObj	BridgeCut	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	Unitless	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Overweight Permit_serv	BOBJ1	68	196.26	Before	Interior Girder 3	5	0.95	1	1	3.698535
Overweight Permit_serv	BOBJ1	68	196.26	Before	Interior Girder 4	5	0.95	1	1	3.698535
Overweight Permit_serv	BOBJ1	68	196.26	Before	Interior Girder 5	5	0.95	1	1	3.967894
Overweight Permit_serv	BOBJ1	68	196.26	Before	Interior Girder 6	5	0.95	1	1	3.267193
Overweight Permit_serv	BOBJ1	69	196.26	After	Interior Girder 1	5	0.95	1	1	2.340991
Overweight Permit_serv	BOBJ1	69	196.26	After	Interior Girder 2	5	0.95	1	1	2.884438
Overweight Permit_serv	BOBJ1	69	196.26	After	Interior Girder 3	5	0.95	1	1	2.652254
Overweight Permit_serv	BOBJ1	69	196.26	After	Interior Girder 4	5	0.95	1	1	2.652254
Overweight Permit_serv	BOBJ1	69	196.26	After	Interior Girder 5	5	0.95	1	1	2.884438
Overweight Permit_serv	BOBJ1	69	196.26	After	Interior Girder 6	5	0.95	1	1	2.340991
Overweight Permit_serv	BOBJ1	70	198.76	Before	Left Exterior Girder	7.5	0.95	1	1	4.368112
Overweight Permit_serv	BOBJ1	70	198.76	Before	Right Exterior Girder	7.5	0.95	1	1	4.368112
Overweight Permit_serv	BOBJ1	71	198.76	After	Left Exterior Girder	7.5	0.95	1	1	2.20032
Overweight Permit_serv	BOBJ1	71	198.76	After	Right Exterior Girder	7.5	0.95	1	1	2.20032
Overweight Permit_serv	BOBJ1	72	199.685	Before	Left Exterior Girder	8.425	0.95	1	1	2.579219
Overweight Permit_serv	BOBJ1	72	199.685	Before	Interior Girder 1	8.425	0.95	1	1	3.189478
Overweight Permit_serv	BOBJ1	72	199.685	Before	Interior Girder 2	8.425	0.95	1	1	3.889958
Overweight Permit_serv	BOBJ1	72	199.685	Before	Interior Girder 3	8.425	0.95	1	1	3.761737
Overweight Permit_serv	BOBJ1	72	199.685	Before	Interior Girder 4	8.425	0.95	1	1	3.761737
Overweight Permit_serv	BOBJ1	72	199.685	Before	Interior Girder 5	8.425	0.95	1	1	3.889958
Overweight Permit_serv	BOBJ1	72	199.685	Before	Interior Girder 6	8.425	0.95	1	1	3.189478
Overweight Permit_serv	BOBJ1	72	199.685	Before	Right Exterior Girder	8.425	0.95	1	1	2.579219
Overweight Permit_serv	BOBJ1	73	199.685	After	Left Exterior Girder	8.425	0.95	1	1	2.456057
Overweight Permit_serv	BOBJ1	73	199.685	After	Interior Girder 1	8.425	0.95	1	1	3.289597
Overweight Permit_serv	BOBJ1	73	199.685	After	Interior Girder 2	8.425	0.95	1	1	3.871793
Overweight Permit_serv	BOBJ1	73	199.685	After	Interior Girder 3	8.425	0.95	1	1	3.6981
Overweight Permit_serv	BOBJ1	73	199.685	After	Interior Girder 4	8.425	0.95	1	1	3.6981
Overweight Permit_serv	BOBJ1	73	199.685	After	Interior Girder 5	8.425	0.95	1	1	3.871793
Overweight Permit_serv	BOBJ1	73	199.685	After	Interior Girder 6	8.425	0.95	1	1	3.289597
Overweight Permit_serv	BOBJ1	73	199.685	After	Right Exterior Girder	8.425	0.95	1	1	2.456057
Overweight Permit_serv	BOBJ1	74	208.11	Before	Left Exterior Girder	16.85	0.95	1	1	5.29517
Overweight Permit_serv	BOBJ1	74	208.11	Before	Interior Girder 1	16.85	0.95	1	1	5.565147
Overweight Permit_serv	BOBJ1	74	208.11	Before	Interior Girder 2	16.85	0.95	1	1	5.809089
Overweight Permit_serv	BOBJ1	74	208.11	Before	Interior Girder 3	16.85	0.95	1	1	5.606028
Overweight Permit_serv	BOBJ1	74	208.11	Before	Interior Girder 4	16.85	0.95	1	1	5.606028
Overweight Permit_serv	BOBJ1	74	208.11	Before	Interior Girder 5	16.85	0.95	1	1	5.809089
Overweight Permit_serv	BOBJ1	74	208.11	Before	Interior Girder 6	16.85	0.95	1	1	5.565147
Overweight Permit_serv	BOBJ1	74	208.11	Before	Right Exterior Girder	16.85	0.95	1	1	5.29517
Overweight Permit_serv	BOBJ1	75	208.11	After	Left Exterior Girder	16.85	0.95	1	1	5.307227
Overweight Permit_serv	BOBJ1	75	208.11	After	Interior Girder 1	16.85	0.95	1	1	5.453793
Overweight Permit_serv	BOBJ1	75	208.11	After	Interior Girder 2	16.85	0.95	1	1	5.771202
Overweight Permit_serv	BOBJ1	75	208.11	After	Interior Girder 3	16.85	0.95	1	1	5.725129
Overweight Permit_serv	BOBJ1	75	208.11	After	Interior Girder 4	16.85	0.95	1	1	5.725129
Overweight Permit_serv	BOBJ1	75	208.11	After	Interior Girder 5	16.85	0.95	1	1	5.771202
Overweight Permit_serv	BOBJ1	75	208.11	After	Interior Girder 6	16.85	0.95	1	1	5.453793
Overweight Permit_serv	BOBJ1	75	208.11	After	Right Exterior Girder	16.85	0.95	1	1	5.307227
Overweight Permit_serv	BOBJ1	76	216.535	Before	Left Exterior Girder	25.275	0.95	1	1	3.250501
Overweight Permit_serv	BOBJ1	76	216.535	Before	Interior Girder 1	25.275	0.95	1	1	3.255381
Overweight Permit_serv	BOBJ1	76	216.535	Before	Interior Girder 2	25.275	0.95	1	1	3.603492
Overweight Permit_serv	BOBJ1	76	216.535	Before	Interior Girder 3	25.275	0.95	1	1	3.427685
Overweight Permit_serv	BOBJ1	76	216.535	Before	Interior Girder 4	25.275	0.95	1	1	3.427685
Overweight Permit_serv	BOBJ1	76	216.535	Before	Interior Girder 5	25.275	0.95	1	1	3.603492
Overweight Permit_serv	BOBJ1	76	216.535	Before	Interior Girder 6	25.275	0.95	1	1	3.255381
Overweight Permit_serv	BOBJ1	76	216.535	Before	Right Exterior Girder	25.275	0.95	1	1	3.250501
Overweight Permit_serv	BOBJ1	77	216.535	After	Left Exterior Girder	25.275	0.95	1	1	3.331718
Overweight Permit_serv	BOBJ1	77	216.535	After	Interior Girder 1	25.275	0.95	1	1	3.228027
Overweight Permit_serv	BOBJ1	77	216.535	After	Interior Girder 2	25.275	0.95	1	1	3.615638
Overweight Permit_serv	BOBJ1	77	216.535	After	Interior Girder 3	25.275	0.95	1	1	3.46832
Overweight Permit_serv	BOBJ1	77	216.535	After	Interior Girder 4	25.275	0.95	1	1	3.46832
Overweight Permit_serv	BOBJ1	77	216.535	After	Interior Girder 5	25.275	0.95	1	1	3.615638
Overweight Permit_serv	BOBJ1	77	216.535	After	Interior Girder 6	25.275	0.95	1	1	3.228027
Overweight Permit_serv	BOBJ1	77	216.535	After	Right Exterior Girder	25.275	0.95	1	1	3.331718
Overweight Permit_serv	BOBJ1	78	224.96	Before	Left Exterior Girder	33.7	0.95	1	1	2.770739
Overweight Permit_serv	BOBJ1	78	224.96	Before	Interior Girder 1	33.7	0.95	1	1	3.153607
Overweight Permit_serv	BOBJ1	78	224.96	Before	Interior Girder 2	33.7	0.95	1	1	3.533677
Overweight Permit_serv	BOBJ1	78	224.96	Before	Interior Girder 3	33.7	0.95	1	1	3.549486
Overweight Permit_serv	BOBJ1	78	224.96	Before	Interior Girder 4	33.7	0.95	1	1	3.549486
Overweight Permit_serv	BOBJ1	78	224.96	Before	Interior Girder 5	33.7	0.95	1	1	3.533677
Overweight Permit_serv	BOBJ1	78	224.96	Before	Interior Girder 6	33.7	0.95	1	1	3.153607
Overweight Permit_serv	BOBJ1	78	224.96	Before	Right Exterior Girder	33.7	0.95	1	1	2.770739
Overweight Permit_serv	BOBJ1	79	224.96	After	Left Exterior Girder	33.7	0.95	1	1	2.767609
Overweight Permit_serv	BOBJ1	79	224.96	After	Interior Girder 1	33.7	0.95	1	1	3.152386
Overweight Permit_serv	BOBJ1	79	224.96	After	Interior Girder 2	33.7	0.95	1	1	3.538314

TABLE: Bridge Super Rating AASHTORATE18 31 - SteelICompServ-Flx - Approach, Span 7-11										
Request	BridgeObj	BridgeCut	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	Unitless	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Overweight Permit_serv	BOBJ1	79	224.96	After	Interior Girder 3	33.7	0.95	1	1	3.545549
Overweight Permit_serv	BOBJ1	79	224.96	After	Interior Girder 4	33.7	0.95	1	1	3.545549
Overweight Permit_serv	BOBJ1	79	224.96	After	Interior Girder 5	33.7	0.95	1	1	3.538314
Overweight Permit_serv	BOBJ1	79	224.96	After	Interior Girder 6	33.7	0.95	1	1	3.152386
Overweight Permit_serv	BOBJ1	79	224.96	After	Right Exterior Girder	33.7	0.95	1	1	2.767609
Overweight Permit_serv	BOBJ1	80	233.385	Before	Left Exterior Girder	42.125	0.95	1	1	3.406961
Overweight Permit_serv	BOBJ1	80	233.385	Before	Interior Girder 1	42.125	0.95	1	1	3.269047
Overweight Permit_serv	BOBJ1	80	233.385	Before	Interior Girder 2	42.125	0.95	1	1	3.644249
Overweight Permit_serv	BOBJ1	80	233.385	Before	Interior Girder 3	42.125	0.95	1	1	3.48509
Overweight Permit_serv	BOBJ1	80	233.385	Before	Interior Girder 4	42.125	0.95	1	1	3.48509
Overweight Permit_serv	BOBJ1	80	233.385	Before	Interior Girder 5	42.125	0.95	1	1	3.644249
Overweight Permit_serv	BOBJ1	80	233.385	Before	Interior Girder 6	42.125	0.95	1	1	3.269047
Overweight Permit_serv	BOBJ1	80	233.385	Before	Right Exterior Girder	42.125	0.95	1	1	3.406961
Overweight Permit_serv	BOBJ1	81	233.385	After	Left Exterior Girder	42.125	0.95	1	1	3.31562
Overweight Permit_serv	BOBJ1	81	233.385	After	Interior Girder 1	42.125	0.95	1	1	3.300024
Overweight Permit_serv	BOBJ1	81	233.385	After	Interior Girder 2	42.125	0.95	1	1	3.63409
Overweight Permit_serv	BOBJ1	81	233.385	After	Interior Girder 3	42.125	0.95	1	1	3.443925
Overweight Permit_serv	BOBJ1	81	233.385	After	Interior Girder 4	42.125	0.95	1	1	3.443925
Overweight Permit_serv	BOBJ1	81	233.385	After	Interior Girder 5	42.125	0.95	1	1	3.63409
Overweight Permit_serv	BOBJ1	81	233.385	After	Interior Girder 6	42.125	0.95	1	1	3.300024
Overweight Permit_serv	BOBJ1	81	233.385	After	Right Exterior Girder	42.125	0.95	1	1	3.31562
Overweight Permit_serv	BOBJ1	82	241.81	Before	Left Exterior Girder	50.55	0.95	1	1	5.844401
Overweight Permit_serv	BOBJ1	82	241.81	Before	Interior Girder 1	50.55	0.95	1	1	5.674158
Overweight Permit_serv	BOBJ1	82	241.81	Before	Interior Girder 2	50.55	0.95	1	1	5.929724
Overweight Permit_serv	BOBJ1	82	241.81	Before	Interior Girder 3	50.55	0.95	1	1	5.878757
Overweight Permit_serv	BOBJ1	82	241.81	Before	Interior Girder 4	50.55	0.95	1	1	5.878757
Overweight Permit_serv	BOBJ1	82	241.81	Before	Interior Girder 5	50.55	0.95	1	1	5.929724
Overweight Permit_serv	BOBJ1	82	241.81	Before	Interior Girder 6	50.55	0.95	1	1	5.674158
Overweight Permit_serv	BOBJ1	82	241.81	Before	Right Exterior Girder	50.55	0.95	1	1	5.844401
Overweight Permit_serv	BOBJ1	83	241.81	After	Left Exterior Girder	50.55	0.95	1	1	5.653345
Overweight Permit_serv	BOBJ1	83	241.81	After	Interior Girder 1	50.55	0.95	1	1	5.787587
Overweight Permit_serv	BOBJ1	83	241.81	After	Interior Girder 2	50.55	0.95	1	1	5.987122
Overweight Permit_serv	BOBJ1	83	241.81	After	Interior Girder 3	50.55	0.95	1	1	5.827937
Overweight Permit_serv	BOBJ1	83	241.81	After	Interior Girder 4	50.55	0.95	1	1	5.827937
Overweight Permit_serv	BOBJ1	83	241.81	After	Interior Girder 5	50.55	0.95	1	1	5.987122
Overweight Permit_serv	BOBJ1	83	241.81	After	Interior Girder 6	50.55	0.95	1	1	5.787587
Overweight Permit_serv	BOBJ1	83	241.81	After	Right Exterior Girder	50.55	0.95	1	1	5.653345
Overweight Permit_serv	BOBJ1	84	245.18	Before	Left Exterior Girder	53.92	0.95	1	1	4.677937
Overweight Permit_serv	BOBJ1	84	245.18	Before	Interior Girder 1	53.92	0.95	1	1	5.442702
Overweight Permit_serv	BOBJ1	84	245.18	Before	Interior Girder 2	53.92	0.95	1	1	6.160997
Overweight Permit_serv	BOBJ1	84	245.18	Before	Interior Girder 3	53.92	0.95	1	1	6.34964
Overweight Permit_serv	BOBJ1	84	245.18	Before	Interior Girder 4	53.92	0.95	1	1	6.34964
Overweight Permit_serv	BOBJ1	84	245.18	Before	Interior Girder 5	53.92	0.95	1	1	6.160997
Overweight Permit_serv	BOBJ1	84	245.18	Before	Interior Girder 6	53.92	0.95	1	1	5.442702
Overweight Permit_serv	BOBJ1	84	245.18	Before	Right Exterior Girder	53.92	0.95	1	1	4.677937
Overweight Permit_serv	BOBJ1	85	245.18	After	Left Exterior Girder	53.92	0.95	1	1	5.484508
Overweight Permit_serv	BOBJ1	85	245.18	After	Interior Girder 1	53.92	0.95	1	1	5.791643
Overweight Permit_serv	BOBJ1	85	245.18	After	Interior Girder 2	53.92	0.95	1	1	6.609771
Overweight Permit_serv	BOBJ1	85	245.18	After	Interior Girder 3	53.92	0.95	1	1	6.853329
Overweight Permit_serv	BOBJ1	85	245.18	After	Interior Girder 4	53.92	0.95	1	1	6.853329
Overweight Permit_serv	BOBJ1	85	245.18	After	Interior Girder 5	53.92	0.95	1	1	6.609771
Overweight Permit_serv	BOBJ1	85	245.18	After	Interior Girder 6	53.92	0.95	1	1	5.791643
Overweight Permit_serv	BOBJ1	85	245.18	After	Right Exterior Girder	53.92	0.95	1	1	5.484508
Overweight Permit_serv	BOBJ1	86	250.245	Before	Left Exterior Girder	58.985	0.95	1	1	3.024735
Overweight Permit_serv	BOBJ1	86	250.245	Before	Interior Girder 1	58.985	0.95	1	1	3.816198
Overweight Permit_serv	BOBJ1	86	250.245	Before	Interior Girder 2	58.985	0.95	1	1	4.390369
Overweight Permit_serv	BOBJ1	86	250.245	Before	Interior Girder 3	58.985	0.95	1	1	4.12863
Overweight Permit_serv	BOBJ1	86	250.245	Before	Interior Girder 4	58.985	0.95	1	1	4.12863
Overweight Permit_serv	BOBJ1	86	250.245	Before	Interior Girder 5	58.985	0.95	1	1	4.390369
Overweight Permit_serv	BOBJ1	86	250.245	Before	Interior Girder 6	58.985	0.95	1	1	3.816198
Overweight Permit_serv	BOBJ1	86	250.245	Before	Right Exterior Girder	58.985	0.95	1	1	3.024735
Overweight Permit_serv	BOBJ1	87	250.245	After	Left Exterior Girder	58.985	0.95	1	1	3.085211
Overweight Permit_serv	BOBJ1	87	250.245	After	Interior Girder 1	58.985	0.95	1	1	3.761382
Overweight Permit_serv	BOBJ1	87	250.245	After	Interior Girder 2	58.985	0.95	1	1	4.387007
Overweight Permit_serv	BOBJ1	87	250.245	After	Interior Girder 3	58.985	0.95	1	1	4.158845
Overweight Permit_serv	BOBJ1	87	250.245	After	Interior Girder 4	58.985	0.95	1	1	4.158845
Overweight Permit_serv	BOBJ1	87	250.245	After	Interior Girder 5	58.985	0.95	1	1	4.387007
Overweight Permit_serv	BOBJ1	87	250.245	After	Interior Girder 6	58.985	0.95	1	1	3.761382
Overweight Permit_serv	BOBJ1	87	250.245	After	Right Exterior Girder	58.985	0.95	1	1	3.085211
Overweight Permit_serv	BOBJ1	88	251.68	Before	Left Exterior Girder	60.42	0.95	1	1	2.546101
Overweight Permit_serv	BOBJ1	88	251.68	Before	Right Exterior Girder	60.42	0.95	1	1	2.546101
Overweight Permit_serv	BOBJ1	89	251.68	After	Left Exterior Girder	60.42	0.95	1	1	4.418948
Overweight Permit_serv	BOBJ1	89	251.68	After	Right Exterior Girder	60.42	0.95	1	1	4.418948

TABLE: Bridge Super Rating AASHTORATE18 31 - SteelICompServ-Flx - Approach, Span 7-11										
Request	BridgeObj	BridgeCut	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	Unitless	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Overweight Permit_serv	BOBJ1	90	254.18	Before	Interior Girder 1	62.92	0.95	1	1	2.589538
Overweight Permit_serv	BOBJ1	90	254.18	Before	Interior Girder 2	62.92	0.95	1	1	3.1295
Overweight Permit_serv	BOBJ1	90	254.18	Before	Interior Girder 3	62.92	0.95	1	1	2.821207
Overweight Permit_serv	BOBJ1	90	254.18	Before	Interior Girder 4	62.92	0.95	1	1	2.821207
Overweight Permit_serv	BOBJ1	90	254.18	Before	Interior Girder 5	62.92	0.95	1	1	3.1295
Overweight Permit_serv	BOBJ1	90	254.18	Before	Interior Girder 6	62.92	0.95	1	1	2.589538
Overweight Permit_serv	BOBJ1	91	254.18	After	Interior Girder 1	62.92	0.95	1	1	3.177036
Overweight Permit_serv	BOBJ1	91	254.18	After	Interior Girder 2	62.92	0.95	1	1	3.79222
Overweight Permit_serv	BOBJ1	91	254.18	After	Interior Girder 3	62.92	0.95	1	1	3.455787
Overweight Permit_serv	BOBJ1	91	254.18	After	Interior Girder 4	62.92	0.95	1	1	3.455787
Overweight Permit_serv	BOBJ1	91	254.18	After	Interior Girder 5	62.92	0.95	1	1	3.79222
Overweight Permit_serv	BOBJ1	91	254.18	After	Interior Girder 6	62.92	0.95	1	1	3.177036
Overweight Permit_serv	BOBJ1	92	258.68	Before	Left Exterior Girder	67.42	0.95	1	1	2.197005
Overweight Permit_serv	BOBJ1	92	258.68	Before	Interior Girder 1	67.42	0.95	1	1	2.077358
Overweight Permit_serv	BOBJ1	92	258.68	Before	Interior Girder 2	67.42	0.95	1	1	2.472573
Overweight Permit_serv	BOBJ1	92	258.68	Before	Interior Girder 3	67.42	0.95	1	1	2.104231
Overweight Permit_serv	BOBJ1	92	258.68	Before	Interior Girder 4	67.42	0.95	1	1	2.104231
Overweight Permit_serv	BOBJ1	92	258.68	Before	Interior Girder 5	67.42	0.95	1	1	2.472573
Overweight Permit_serv	BOBJ1	92	258.68	Before	Interior Girder 6	67.42	0.95	1	1	2.077358
Overweight Permit_serv	BOBJ1	92	258.68	Before	Right Exterior Girder	67.42	0.95	1	1	2.197005
Overweight Permit_serv	BOBJ1	93	258.68	After	Left Exterior Girder	0	0.95	1	1	2.202859
Overweight Permit_serv	BOBJ1	93	258.68	After	Interior Girder 1	0	0.95	1	1	2.07924
Overweight Permit_serv	BOBJ1	93	258.68	After	Interior Girder 2	0	0.95	1	1	2.503607
Overweight Permit_serv	BOBJ1	93	258.68	After	Interior Girder 3	0	0.95	1	1	2.118452
Overweight Permit_serv	BOBJ1	93	258.68	After	Interior Girder 4	0	0.95	1	1	2.118452
Overweight Permit_serv	BOBJ1	93	258.68	After	Interior Girder 5	0	0.95	1	1	2.503607
Overweight Permit_serv	BOBJ1	93	258.68	After	Interior Girder 6	0	0.95	1	1	2.07924
Overweight Permit_serv	BOBJ1	93	258.68	After	Right Exterior Girder	0	0.95	1	1	2.202859
Overweight Permit_serv	BOBJ1	94	263.18	Before	Interior Girder 1	4.5	0.95	1	1	3.177003
Overweight Permit_serv	BOBJ1	94	263.18	Before	Interior Girder 2	4.5	0.95	1	1	3.729974
Overweight Permit_serv	BOBJ1	94	263.18	Before	Interior Girder 3	4.5	0.95	1	1	3.452533
Overweight Permit_serv	BOBJ1	94	263.18	Before	Interior Girder 4	4.5	0.95	1	1	3.452533
Overweight Permit_serv	BOBJ1	94	263.18	Before	Interior Girder 5	4.5	0.95	1	1	3.729974
Overweight Permit_serv	BOBJ1	94	263.18	Before	Interior Girder 6	4.5	0.95	1	1	3.177003
Overweight Permit_serv	BOBJ1	95	263.18	After	Interior Girder 1	4.5	0.95	1	1	2.589448
Overweight Permit_serv	BOBJ1	95	263.18	After	Interior Girder 2	4.5	0.95	1	1	3.074255
Overweight Permit_serv	BOBJ1	95	263.18	After	Interior Girder 3	4.5	0.95	1	1	2.818095
Overweight Permit_serv	BOBJ1	95	263.18	After	Interior Girder 4	4.5	0.95	1	1	2.818095
Overweight Permit_serv	BOBJ1	95	263.18	After	Interior Girder 5	4.5	0.95	1	1	3.074255
Overweight Permit_serv	BOBJ1	95	263.18	After	Interior Girder 6	4.5	0.95	1	1	2.589448
Overweight Permit_serv	BOBJ1	96	265.68	Before	Left Exterior Girder	7	0.95	1	1	4.471677
Overweight Permit_serv	BOBJ1	96	265.68	Before	Right Exterior Girder	7	0.95	1	1	4.471677
Overweight Permit_serv	BOBJ1	97	265.68	After	Left Exterior Girder	7	0.95	1	1	2.589488
Overweight Permit_serv	BOBJ1	97	265.68	After	Right Exterior Girder	7	0.95	1	1	2.589488
Overweight Permit_serv	BOBJ1	98	268.08	Before	Left Exterior Girder	9.4	0.95	1	1	3.542214
Overweight Permit_serv	BOBJ1	98	268.08	Before	Interior Girder 1	9.4	0.95	1	1	3.966441
Overweight Permit_serv	BOBJ1	98	268.08	Before	Interior Girder 2	9.4	0.95	1	1	4.64592
Overweight Permit_serv	BOBJ1	98	268.08	Before	Interior Girder 3	9.4	0.95	1	1	4.614093
Overweight Permit_serv	BOBJ1	98	268.08	Before	Interior Girder 4	9.4	0.95	1	1	4.614093
Overweight Permit_serv	BOBJ1	98	268.08	Before	Interior Girder 5	9.4	0.95	1	1	4.64592
Overweight Permit_serv	BOBJ1	98	268.08	Before	Interior Girder 6	9.4	0.95	1	1	3.966441
Overweight Permit_serv	BOBJ1	98	268.08	Before	Right Exterior Girder	9.4	0.95	1	1	3.542214
Overweight Permit_serv	BOBJ1	99	268.08	After	Left Exterior Girder	9.4	0.95	1	1	3.399431
Overweight Permit_serv	BOBJ1	99	268.08	After	Interior Girder 1	9.4	0.95	1	1	4.01535
Overweight Permit_serv	BOBJ1	99	268.08	After	Interior Girder 2	9.4	0.95	1	1	4.590365
Overweight Permit_serv	BOBJ1	99	268.08	After	Interior Girder 3	9.4	0.95	1	1	4.51943
Overweight Permit_serv	BOBJ1	99	268.08	After	Interior Girder 4	9.4	0.95	1	1	4.51943
Overweight Permit_serv	BOBJ1	99	268.08	After	Interior Girder 5	9.4	0.95	1	1	4.590365
Overweight Permit_serv	BOBJ1	99	268.08	After	Interior Girder 6	9.4	0.95	1	1	4.01535
Overweight Permit_serv	BOBJ1	99	268.08	After	Right Exterior Girder	9.4	0.95	1	1	3.399431
Overweight Permit_serv	BOBJ1	100	277.48	Before	Left Exterior Girder	18.8	0.95	1	1	4.442453
Overweight Permit_serv	BOBJ1	100	277.48	Before	Interior Girder 1	18.8	0.95	1	1	4.727107
Overweight Permit_serv	BOBJ1	100	277.48	Before	Interior Girder 2	18.8	0.95	1	1	4.976331
Overweight Permit_serv	BOBJ1	100	277.48	Before	Interior Girder 3	18.8	0.95	1	1	4.81078
Overweight Permit_serv	BOBJ1	100	277.48	Before	Interior Girder 4	18.8	0.95	1	1	4.81078
Overweight Permit_serv	BOBJ1	100	277.48	Before	Interior Girder 5	18.8	0.95	1	1	4.976331
Overweight Permit_serv	BOBJ1	100	277.48	Before	Interior Girder 6	18.8	0.95	1	1	4.727107
Overweight Permit_serv	BOBJ1	100	277.48	Before	Right Exterior Girder	18.8	0.95	1	1	4.442453
Overweight Permit_serv	BOBJ1	101	277.48	After	Left Exterior Girder	18.8	0.95	1	1	4.618885
Overweight Permit_serv	BOBJ1	101	277.48	After	Interior Girder 1	18.8	0.95	1	1	4.637388
Overweight Permit_serv	BOBJ1	101	277.48	After	Interior Girder 2	18.8	0.95	1	1	5.010033
Overweight Permit_serv	BOBJ1	101	277.48	After	Interior Girder 3	18.8	0.95	1	1	4.896308
Overweight Permit_serv	BOBJ1	101	277.48	After	Interior Girder 4	18.8	0.95	1	1	4.896308

TABLE: Bridge Super Rating AASHTORATE18 31 - SteelICompServ-Flx - Approach, Span 7-11										
Request	BridgeObj	BridgeCut	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	Unitless	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Overweight Permit_serv	BOBJ1	101	277.48	After	Interior Girder 5	18.8	0.95	1	1	5.010033
Overweight Permit_serv	BOBJ1	101	277.48	After	Interior Girder 6	18.8	0.95	1	1	4.637388
Overweight Permit_serv	BOBJ1	101	277.48	After	Right Exterior Girder	18.8	0.95	1	1	4.618885
Overweight Permit_serv	BOBJ1	102	286.88	Before	Left Exterior Girder	28.2	0.95	1	1	3.099353
Overweight Permit_serv	BOBJ1	102	286.88	Before	Interior Girder 1	28.2	0.95	1	1	3.064564
Overweight Permit_serv	BOBJ1	102	286.88	Before	Interior Girder 2	28.2	0.95	1	1	3.331104
Overweight Permit_serv	BOBJ1	102	286.88	Before	Interior Girder 3	28.2	0.95	1	1	3.153744
Overweight Permit_serv	BOBJ1	102	286.88	Before	Interior Girder 4	28.2	0.95	1	1	3.153744
Overweight Permit_serv	BOBJ1	102	286.88	Before	Interior Girder 5	28.2	0.95	1	1	3.331104
Overweight Permit_serv	BOBJ1	102	286.88	Before	Interior Girder 6	28.2	0.95	1	1	3.064564
Overweight Permit_serv	BOBJ1	102	286.88	Before	Right Exterior Girder	28.2	0.95	1	1	3.099353
Overweight Permit_serv	BOBJ1	103	286.88	After	Left Exterior Girder	28.2	0.95	1	1	3.127082
Overweight Permit_serv	BOBJ1	103	286.88	After	Interior Girder 1	28.2	0.95	1	1	3.057134
Overweight Permit_serv	BOBJ1	103	286.88	After	Interior Girder 2	28.2	0.95	1	1	3.343408
Overweight Permit_serv	BOBJ1	103	286.88	After	Interior Girder 3	28.2	0.95	1	1	3.176049
Overweight Permit_serv	BOBJ1	103	286.88	After	Interior Girder 4	28.2	0.95	1	1	3.176049
Overweight Permit_serv	BOBJ1	103	286.88	After	Interior Girder 5	28.2	0.95	1	1	3.343408
Overweight Permit_serv	BOBJ1	103	286.88	After	Interior Girder 6	28.2	0.95	1	1	3.057134
Overweight Permit_serv	BOBJ1	103	286.88	After	Right Exterior Girder	28.2	0.95	1	1	3.127082
Overweight Permit_serv	BOBJ1	104	296.28	Before	Left Exterior Girder	37.6	0.95	1	1	2.979417
Overweight Permit_serv	BOBJ1	104	296.28	Before	Interior Girder 1	37.6	0.95	1	1	3.215589
Overweight Permit_serv	BOBJ1	104	296.28	Before	Interior Girder 2	37.6	0.95	1	1	3.54554
Overweight Permit_serv	BOBJ1	104	296.28	Before	Interior Girder 3	37.6	0.95	1	1	3.493204
Overweight Permit_serv	BOBJ1	104	296.28	Before	Interior Girder 4	37.6	0.95	1	1	3.493204
Overweight Permit_serv	BOBJ1	104	296.28	Before	Interior Girder 5	37.6	0.95	1	1	3.54554
Overweight Permit_serv	BOBJ1	104	296.28	Before	Interior Girder 6	37.6	0.95	1	1	3.215589
Overweight Permit_serv	BOBJ1	104	296.28	Before	Right Exterior Girder	37.6	0.95	1	1	2.979417
Overweight Permit_serv	BOBJ1	105	296.28	After	Left Exterior Girder	37.6	0.95	1	1	2.916676
Overweight Permit_serv	BOBJ1	105	296.28	After	Interior Girder 1	37.6	0.95	1	1	3.251151
Overweight Permit_serv	BOBJ1	105	296.28	After	Interior Girder 2	37.6	0.95	1	1	3.530226
Overweight Permit_serv	BOBJ1	105	296.28	After	Interior Girder 3	37.6	0.95	1	1	3.463204
Overweight Permit_serv	BOBJ1	105	296.28	After	Interior Girder 4	37.6	0.95	1	1	3.463204
Overweight Permit_serv	BOBJ1	105	296.28	After	Interior Girder 5	37.6	0.95	1	1	3.530226
Overweight Permit_serv	BOBJ1	105	296.28	After	Interior Girder 6	37.6	0.95	1	1	3.251151
Overweight Permit_serv	BOBJ1	105	296.28	After	Right Exterior Girder	37.6	0.95	1	1	2.916676
Overweight Permit_serv	BOBJ1	106	305.69	Before	Left Exterior Girder	47.01	0.95	1	1	5.001387
Overweight Permit_serv	BOBJ1	106	305.69	Before	Interior Girder 1	47.01	0.95	1	1	4.303333
Overweight Permit_serv	BOBJ1	106	305.69	Before	Interior Girder 2	47.01	0.95	1	1	4.58069
Overweight Permit_serv	BOBJ1	106	305.69	Before	Interior Girder 3	47.01	0.95	1	1	4.211312
Overweight Permit_serv	BOBJ1	106	305.69	Before	Interior Girder 4	47.01	0.95	1	1	4.211312
Overweight Permit_serv	BOBJ1	106	305.69	Before	Interior Girder 5	47.01	0.95	1	1	4.58069
Overweight Permit_serv	BOBJ1	106	305.69	Before	Interior Girder 6	47.01	0.95	1	1	4.303333
Overweight Permit_serv	BOBJ1	106	305.69	Before	Right Exterior Girder	47.01	0.95	1	1	5.001387
Overweight Permit_serv	BOBJ1	107	305.69	After	Left Exterior Girder	47.01	0.95	1	1	4.828802
Overweight Permit_serv	BOBJ1	107	305.69	After	Interior Girder 1	47.01	0.95	1	1	4.323327
Overweight Permit_serv	BOBJ1	107	305.69	After	Interior Girder 2	47.01	0.95	1	1	4.443719
Overweight Permit_serv	BOBJ1	107	305.69	After	Interior Girder 3	47.01	0.95	1	1	4.05524
Overweight Permit_serv	BOBJ1	107	305.69	After	Interior Girder 4	47.01	0.95	1	1	4.05524
Overweight Permit_serv	BOBJ1	107	305.69	After	Interior Girder 5	47.01	0.95	1	1	4.443719
Overweight Permit_serv	BOBJ1	107	305.69	After	Interior Girder 6	47.01	0.95	1	1	4.323327
Overweight Permit_serv	BOBJ1	107	305.69	After	Right Exterior Girder	47.01	0.95	1	1	4.828802
Overweight Permit_serv	BOBJ1	108	315.1	Before	Left Exterior Girder	56.42	0.95	1	1	245.712849
Overweight Permit_serv	BOBJ1	108	315.1	Before	Interior Girder 1	56.42	0.95	1	1	367.1098
Overweight Permit_serv	BOBJ1	108	315.1	Before	Interior Girder 2	56.42	0.95	1	1	210.890906
Overweight Permit_serv	BOBJ1	108	315.1	Before	Interior Girder 3	56.42	0.95	1	1	163.298003
Overweight Permit_serv	BOBJ1	108	315.1	Before	Interior Girder 4	56.42	0.95	1	1	163.298002
Overweight Permit_serv	BOBJ1	108	315.1	Before	Interior Girder 5	56.42	0.95	1	1	210.890906
Overweight Permit_serv	BOBJ1	108	315.1	Before	Interior Girder 6	56.42	0.95	1	1	367.1098
Overweight Permit_serv	BOBJ1	108	315.1	Before	Right Exterior Girder	56.42	0.95	1	1	245.712851

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelINonCompStrgth-Flx - Approach, Span 12-1									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
HL93_str_opr	BOBJ1	0	After	Left Exterior Girder	0	0.95	1	1	225.438919
HL93_str_opr	BOBJ1	0	After	Interior Girder 1	0	0.95	1	1	215.350567
HL93_str_opr	BOBJ1	0	After	Interior Girder 2	0	0.95	1	1	159.169297
HL93_str_opr	BOBJ1	0	After	Interior Girder 3	0	0.95	1	1	128.700353
HL93_str_opr	BOBJ1	0	After	Interior Girder 4	0	0.95	1	1	128.700353
HL93_str_opr	BOBJ1	0	After	Interior Girder 5	0	0.95	1	1	159.169296
HL93_str_opr	BOBJ1	0	After	Interior Girder 6	0	0.95	1	1	215.350567
HL93_str_opr	BOBJ1	0	After	Right Exterior Girder	0	0.95	1	1	225.438919
HL93_str_opr	BOBJ1	5.85	Before	Left Exterior Girder	5.85	0.95	1	1	5.337577
HL93_str_opr	BOBJ1	5.85	Before	Interior Girder 1	5.85	0.95	1	1	3.765584
HL93_str_opr	BOBJ1	5.85	Before	Interior Girder 2	5.85	0.95	1	1	3.519596
HL93_str_opr	BOBJ1	5.85	Before	Interior Girder 3	5.85	0.95	1	1	3.152888
HL93_str_opr	BOBJ1	5.85	Before	Interior Girder 4	5.85	0.95	1	1	3.152888
HL93_str_opr	BOBJ1	5.85	Before	Interior Girder 5	5.85	0.95	1	1	3.519596
HL93_str_opr	BOBJ1	5.85	Before	Interior Girder 6	5.85	0.95	1	1	3.765584
HL93_str_opr	BOBJ1	5.85	Before	Right Exterior Girder	5.85	0.95	1	1	5.337577
HL93_str_opr	BOBJ1	5.85	After	Left Exterior Girder	5.85	0.95	1	1	5.362353
HL93_str_opr	BOBJ1	5.85	After	Interior Girder 1	5.85	0.95	1	1	3.766114
HL93_str_opr	BOBJ1	5.85	After	Interior Girder 2	5.85	0.95	1	1	3.572716
HL93_str_opr	BOBJ1	5.85	After	Interior Girder 3	5.85	0.95	1	1	3.298829
HL93_str_opr	BOBJ1	5.85	After	Interior Girder 4	5.85	0.95	1	1	3.298829
HL93_str_opr	BOBJ1	5.85	After	Interior Girder 5	5.85	0.95	1	1	3.572716
HL93_str_opr	BOBJ1	5.85	After	Interior Girder 6	5.85	0.95	1	1	3.766114
HL93_str_opr	BOBJ1	5.85	After	Right Exterior Girder	5.85	0.95	1	1	5.362353
HL93_str_opr	BOBJ1	11.4667	Before	Left Exterior Girder	11.4667	0.95	1	1	2.952817
HL93_str_opr	BOBJ1	11.4667	Before	Interior Girder 1	11.4667	0.95	1	1	2.11714
HL93_str_opr	BOBJ1	11.4667	Before	Interior Girder 2	11.4667	0.95	1	1	2.011356
HL93_str_opr	BOBJ1	11.4667	Before	Interior Girder 3	11.4667	0.95	1	1	1.902882
HL93_str_opr	BOBJ1	11.4667	Before	Interior Girder 4	11.4667	0.95	1	1	1.902882
HL93_str_opr	BOBJ1	11.4667	Before	Interior Girder 5	11.4667	0.95	1	1	2.011356
HL93_str_opr	BOBJ1	11.4667	Before	Interior Girder 6	11.4667	0.95	1	1	2.11714
HL93_str_opr	BOBJ1	11.4667	Before	Right Exterior Girder	11.4667	0.95	1	1	2.952817
HL93_str_opr	BOBJ1	11.4667	After	Left Exterior Girder	11.4667	0.95	1	1	2.98228
HL93_str_opr	BOBJ1	11.4667	After	Interior Girder 1	11.4667	0.95	1	1	2.102075
HL93_str_opr	BOBJ1	11.4667	After	Interior Girder 2	11.4667	0.95	1	1	2.031424
HL93_str_opr	BOBJ1	11.4667	After	Interior Girder 3	11.4667	0.95	1	1	1.947489
HL93_str_opr	BOBJ1	11.4667	After	Interior Girder 4	11.4667	0.95	1	1	1.947489
HL93_str_opr	BOBJ1	11.4667	After	Interior Girder 5	11.4667	0.95	1	1	2.031424
HL93_str_opr	BOBJ1	11.4667	After	Interior Girder 6	11.4667	0.95	1	1	2.102075
HL93_str_opr	BOBJ1	11.4667	After	Right Exterior Girder	11.4667	0.95	1	1	2.98228
HL93_str_opr	BOBJ1	17.0833	Before	Left Exterior Girder	17.0833	0.95	1	1	2.224286
HL93_str_opr	BOBJ1	17.0833	Before	Interior Girder 1	17.0833	0.95	1	1	1.697435
HL93_str_opr	BOBJ1	17.0833	Before	Interior Girder 2	17.0833	0.95	1	1	1.629222
HL93_str_opr	BOBJ1	17.0833	Before	Interior Girder 3	17.0833	0.95	1	1	1.576444
HL93_str_opr	BOBJ1	17.0833	Before	Interior Girder 4	17.0833	0.95	1	1	1.576444
HL93_str_opr	BOBJ1	17.0833	Before	Interior Girder 5	17.0833	0.95	1	1	1.629222
HL93_str_opr	BOBJ1	17.0833	Before	Interior Girder 6	17.0833	0.95	1	1	1.697435
HL93_str_opr	BOBJ1	17.0833	Before	Right Exterior Girder	17.0833	0.95	1	1	2.224286
HL93_str_opr	BOBJ1	17.0833	After	Left Exterior Girder	17.0833	0.95	1	1	2.219654
HL93_str_opr	BOBJ1	17.0833	After	Interior Girder 1	17.0833	0.95	1	1	1.701694
HL93_str_opr	BOBJ1	17.0833	After	Interior Girder 2	17.0833	0.95	1	1	1.647649
HL93_str_opr	BOBJ1	17.0833	After	Interior Girder 3	17.0833	0.95	1	1	1.602991
HL93_str_opr	BOBJ1	17.0833	After	Interior Girder 4	17.0833	0.95	1	1	1.602991
HL93_str_opr	BOBJ1	17.0833	After	Interior Girder 5	17.0833	0.95	1	1	1.647649
HL93_str_opr	BOBJ1	17.0833	After	Interior Girder 6	17.0833	0.95	1	1	1.701694
HL93_str_opr	BOBJ1	17.0833	After	Right Exterior Girder	17.0833	0.95	1	1	2.219654
HL93_str_opr	BOBJ1	22.7	Before	Left Exterior Girder	22.7	0.95	1	1	1.942775
HL93_str_opr	BOBJ1	22.7	Before	Interior Girder 1	22.7	0.95	1	1	1.624788
HL93_str_opr	BOBJ1	22.7	Before	Interior Girder 2	22.7	0.95	1	1	1.562343
HL93_str_opr	BOBJ1	22.7	Before	Interior Girder 3	22.7	0.95	1	1	1.534632
HL93_str_opr	BOBJ1	22.7	Before	Interior Girder 4	22.7	0.95	1	1	1.534632
HL93_str_opr	BOBJ1	22.7	Before	Interior Girder 5	22.7	0.95	1	1	1.562343
HL93_str_opr	BOBJ1	22.7	Before	Interior Girder 6	22.7	0.95	1	1	1.624788
HL93_str_opr	BOBJ1	22.7	Before	Right Exterior Girder	22.7	0.95	1	1	1.942775
HL93_str_opr	BOBJ1	22.7	After	Left Exterior Girder	22.7	0.95	1	1	1.949142

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelINonCompStrgth-Flx - Approach, Span 12-1									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
HL93_str_opr	BOBJ1	22.7	After	Interior Girder 1	22.7	0.95	1	1	1.621965
HL93_str_opr	BOBJ1	22.7	After	Interior Girder 2	22.7	0.95	1	1	1.564949
HL93_str_opr	BOBJ1	22.7	After	Interior Girder 3	22.7	0.95	1	1	1.540996
HL93_str_opr	BOBJ1	22.7	After	Interior Girder 4	22.7	0.95	1	1	1.540996
HL93_str_opr	BOBJ1	22.7	After	Interior Girder 5	22.7	0.95	1	1	1.564949
HL93_str_opr	BOBJ1	22.7	After	Interior Girder 6	22.7	0.95	1	1	1.621965
HL93_str_opr	BOBJ1	22.7	After	Right Exterior Girder	22.7	0.95	1	1	1.949142
HL93_str_opr	BOBJ1	28.3167	Before	Left Exterior Girder	28.3167	0.95	1	1	2.124226
HL93_str_opr	BOBJ1	28.3167	Before	Interior Girder 1	28.3167	0.95	1	1	1.651811
HL93_str_opr	BOBJ1	28.3167	Before	Interior Girder 2	28.3167	0.95	1	1	1.591411
HL93_str_opr	BOBJ1	28.3167	Before	Interior Girder 3	28.3167	0.95	1	1	1.562357
HL93_str_opr	BOBJ1	28.3167	Before	Interior Girder 4	28.3167	0.95	1	1	1.562357
HL93_str_opr	BOBJ1	28.3167	Before	Interior Girder 5	28.3167	0.95	1	1	1.591411
HL93_str_opr	BOBJ1	28.3167	Before	Interior Girder 6	28.3167	0.95	1	1	1.651811
HL93_str_opr	BOBJ1	28.3167	Before	Right Exterior Girder	28.3167	0.95	1	1	2.124226
HL93_str_opr	BOBJ1	28.3167	After	Left Exterior Girder	28.3167	0.95	1	1	2.133283
HL93_str_opr	BOBJ1	28.3167	After	Interior Girder 1	28.3167	0.95	1	1	1.642882
HL93_str_opr	BOBJ1	28.3167	After	Interior Girder 2	28.3167	0.95	1	1	1.581183
HL93_str_opr	BOBJ1	28.3167	After	Interior Girder 3	28.3167	0.95	1	1	1.545069
HL93_str_opr	BOBJ1	28.3167	After	Interior Girder 4	28.3167	0.95	1	1	1.545069
HL93_str_opr	BOBJ1	28.3167	After	Interior Girder 5	28.3167	0.95	1	1	1.581183
HL93_str_opr	BOBJ1	28.3167	After	Interior Girder 6	28.3167	0.95	1	1	1.642882
HL93_str_opr	BOBJ1	28.3167	After	Right Exterior Girder	28.3167	0.95	1	1	2.133283
HL93_str_opr	BOBJ1	33.9333	Before	Left Exterior Girder	33.9333	0.95	1	1	2.582415
HL93_str_opr	BOBJ1	33.9333	Before	Interior Girder 1	33.9333	0.95	1	1	1.914822
HL93_str_opr	BOBJ1	33.9333	Before	Interior Girder 2	33.9333	0.95	1	1	1.838561
HL93_str_opr	BOBJ1	33.9333	Before	Interior Girder 3	33.9333	0.95	1	1	1.813182
HL93_str_opr	BOBJ1	33.9333	Before	Interior Girder 4	33.9333	0.95	1	1	1.813182
HL93_str_opr	BOBJ1	33.9333	Before	Interior Girder 5	33.9333	0.95	1	1	1.838561
HL93_str_opr	BOBJ1	33.9333	Before	Interior Girder 6	33.9333	0.95	1	1	1.914822
HL93_str_opr	BOBJ1	33.9333	Before	Right Exterior Girder	33.9333	0.95	1	1	2.582415
HL93_str_opr	BOBJ1	33.9333	After	Left Exterior Girder	33.9333	0.95	1	1	2.550138
HL93_str_opr	BOBJ1	33.9333	After	Interior Girder 1	33.9333	0.95	1	1	1.927545
HL93_str_opr	BOBJ1	33.9333	After	Interior Girder 2	33.9333	0.95	1	1	1.838363
HL93_str_opr	BOBJ1	33.9333	After	Interior Girder 3	33.9333	0.95	1	1	1.795308
HL93_str_opr	BOBJ1	33.9333	After	Interior Girder 4	33.9333	0.95	1	1	1.795308
HL93_str_opr	BOBJ1	33.9333	After	Interior Girder 5	33.9333	0.95	1	1	1.838363
HL93_str_opr	BOBJ1	33.9333	After	Interior Girder 6	33.9333	0.95	1	1	1.927545
HL93_str_opr	BOBJ1	33.9333	After	Right Exterior Girder	33.9333	0.95	1	1	2.550138
HL93_str_opr	BOBJ1	39.55	Before	Left Exterior Girder	39.55	0.95	1	1	3.538612
HL93_str_opr	BOBJ1	39.55	Before	Interior Girder 1	39.55	0.95	1	1	2.749347
HL93_str_opr	BOBJ1	39.55	Before	Interior Girder 2	39.55	0.95	1	1	2.569947
HL93_str_opr	BOBJ1	39.55	Before	Interior Girder 3	39.55	0.95	1	1	2.552723
HL93_str_opr	BOBJ1	39.55	Before	Interior Girder 4	39.55	0.95	1	1	2.552723
HL93_str_opr	BOBJ1	39.55	Before	Interior Girder 5	39.55	0.95	1	1	2.569947
HL93_str_opr	BOBJ1	39.55	Before	Interior Girder 6	39.55	0.95	1	1	2.749347
HL93_str_opr	BOBJ1	39.55	Before	Right Exterior Girder	39.55	0.95	1	1	3.538612
HL93_str_opr	BOBJ1	39.55	After	Left Exterior Girder	39.55	0.95	1	1	3.52447
HL93_str_opr	BOBJ1	39.55	After	Interior Girder 1	39.55	0.95	1	1	2.752934
HL93_str_opr	BOBJ1	39.55	After	Interior Girder 2	39.55	0.95	1	1	2.55474
HL93_str_opr	BOBJ1	39.55	After	Interior Girder 3	39.55	0.95	1	1	2.506476
HL93_str_opr	BOBJ1	39.55	After	Interior Girder 4	39.55	0.95	1	1	2.506476
HL93_str_opr	BOBJ1	39.55	After	Interior Girder 5	39.55	0.95	1	1	2.55474
HL93_str_opr	BOBJ1	39.55	After	Interior Girder 6	39.55	0.95	1	1	2.752934
HL93_str_opr	BOBJ1	39.55	After	Right Exterior Girder	39.55	0.95	1	1	3.52447
HL93_str_opr	BOBJ1	45.1733	Before	Left Exterior Girder	45.1226	0.95	1	1	3.400914
HL93_str_opr	BOBJ1	45.1733	Before	Interior Girder 1	45.1226	0.95	1	1	3.441886
HL93_str_opr	BOBJ1	45.1733	Before	Interior Girder 2	45.1226	0.95	1	1	3.298587
HL93_str_opr	BOBJ1	45.1733	Before	Interior Girder 3	45.1226	0.95	1	1	3.37471
HL93_str_opr	BOBJ1	45.1733	Before	Interior Girder 4	45.1226	0.95	1	1	3.37471
HL93_str_opr	BOBJ1	45.1733	Before	Interior Girder 5	45.1226	0.95	1	1	3.298587
HL93_str_opr	BOBJ1	45.1733	Before	Interior Girder 6	45.1226	0.95	1	1	3.441886
HL93_str_opr	BOBJ1	45.1733	Before	Right Exterior Girder	45.1226	0.95	1	1	3.400914
HL93_str_opr	BOBJ1	45.1733	After	Left Exterior Girder	45.1226	0.95	1	1	2.724339
HL93_str_opr	BOBJ1	45.1733	After	Interior Girder 1	45.1226	0.95	1	1	2.744152

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelINonCompStrgth-Flx - Approach, Span 12-1									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
HL93_str_opr	BOBJ1	45.1733	After	Interior Girder 2	45.1226	0.95	1	1	2.626402
HL93_str_opr	BOBJ1	45.1733	After	Interior Girder 3	45.1226	0.95	1	1	2.69166
HL93_str_opr	BOBJ1	45.1733	After	Interior Girder 4	45.1226	0.95	1	1	2.69166
HL93_str_opr	BOBJ1	45.1733	After	Interior Girder 5	45.1226	0.95	1	1	2.626402
HL93_str_opr	BOBJ1	45.1733	After	Interior Girder 6	45.1226	0.95	1	1	2.744152
HL93_str_opr	BOBJ1	45.1733	After	Right Exterior Girder	45.1226	0.95	1	1	2.724339
HL93_str_opr	BOBJ1	49.2561	Before	Left Exterior Girder	49.2561	0.95	1	1	1.896522
HL93_str_opr	BOBJ1	49.2561	Before	Right Exterior Girder	49.2561	0.95	1	1	1.896522
HL93_str_opr	BOBJ1	49.2561	After	Left Exterior Girder	49.2561	0.95	1	1	1.931498
HL93_str_opr	BOBJ1	49.2561	After	Right Exterior Girder	49.2561	0.95	1	1	1.931498
HL93_str_opr	BOBJ1	50.7967	Before	Left Exterior Girder	50.7967	0.95	1	1	3.983766
HL93_str_opr	BOBJ1	50.7967	Before	Interior Girder 1	50.7967	0.95	1	1	1.842437
HL93_str_opr	BOBJ1	50.7967	Before	Interior Girder 2	50.7967	0.95	1	1	1.774679
HL93_str_opr	BOBJ1	50.7967	Before	Interior Girder 3	50.7967	0.95	1	1	1.677171
HL93_str_opr	BOBJ1	50.7967	Before	Interior Girder 4	50.7967	0.95	1	1	1.677171
HL93_str_opr	BOBJ1	50.7967	Before	Interior Girder 5	50.7967	0.95	1	1	1.774679
HL93_str_opr	BOBJ1	50.7967	Before	Interior Girder 6	50.7967	0.95	1	1	1.842437
HL93_str_opr	BOBJ1	50.7967	Before	Right Exterior Girder	50.7967	0.95	1	1	3.983766
HL93_str_opr	BOBJ1	50.7967	After	Left Exterior Girder	50.7967	0.95	1	1	3.960399
HL93_str_opr	BOBJ1	50.7967	After	Interior Girder 1	50.7967	0.95	1	1	1.837806
HL93_str_opr	BOBJ1	50.7967	After	Interior Girder 2	50.7967	0.95	1	1	1.765988
HL93_str_opr	BOBJ1	50.7967	After	Interior Girder 3	50.7967	0.95	1	1	1.677901
HL93_str_opr	BOBJ1	50.7967	After	Interior Girder 4	50.7967	0.95	1	1	1.677901
HL93_str_opr	BOBJ1	50.7967	After	Interior Girder 5	50.7967	0.95	1	1	1.765988
HL93_str_opr	BOBJ1	50.7967	After	Interior Girder 6	50.7967	0.95	1	1	1.837806
HL93_str_opr	BOBJ1	50.7967	After	Right Exterior Girder	50.7967	0.95	1	1	3.960399
HL93_str_opr	BOBJ1	51.3989	Before	Interior Girder 1	51.3989	0.95	1	1	1.728238
HL93_str_opr	BOBJ1	51.3989	Before	Interior Girder 2	51.3989	0.95	1	1	1.67869
HL93_str_opr	BOBJ1	51.3989	Before	Interior Girder 3	51.3989	0.95	1	1	1.577651
HL93_str_opr	BOBJ1	51.3989	Before	Interior Girder 4	51.3989	0.95	1	1	1.577651
HL93_str_opr	BOBJ1	51.3989	Before	Interior Girder 5	51.3989	0.95	1	1	1.67869
HL93_str_opr	BOBJ1	51.3989	Before	Interior Girder 6	51.3989	0.95	1	1	1.728238
HL93_str_opr	BOBJ1	51.3989	After	Interior Girder 1	51.3989	0.95	1	1	2.648858
HL93_str_opr	BOBJ1	51.3989	After	Interior Girder 2	51.3989	0.95	1	1	2.540527
HL93_str_opr	BOBJ1	51.3989	After	Interior Girder 3	51.3989	0.95	1	1	2.423548
HL93_str_opr	BOBJ1	51.3989	After	Interior Girder 4	51.3989	0.95	1	1	2.423548
HL93_str_opr	BOBJ1	51.3989	After	Interior Girder 5	51.3989	0.95	1	1	2.540527
HL93_str_opr	BOBJ1	51.3989	After	Interior Girder 6	51.3989	0.95	1	1	2.648858
HL93_str_opr	BOBJ1	56.42	Before	Left Exterior Girder	56.42	0.95	1	1	2.572934
HL93_str_opr	BOBJ1	56.42	Before	Interior Girder 1	56.42	0.95	1	1	1.698674
HL93_str_opr	BOBJ1	56.42	Before	Interior Girder 2	56.42	0.95	1	1	1.650055
HL93_str_opr	BOBJ1	56.42	Before	Interior Girder 3	56.42	0.95	1	1	1.400129
HL93_str_opr	BOBJ1	56.42	Before	Interior Girder 4	56.42	0.95	1	1	1.400129
HL93_str_opr	BOBJ1	56.42	Before	Interior Girder 5	56.42	0.95	1	1	1.650055
HL93_str_opr	BOBJ1	56.42	Before	Interior Girder 6	56.42	0.95	1	1	1.698674
HL93_str_opr	BOBJ1	56.42	Before	Right Exterior Girder	56.42	0.95	1	1	2.572934
HL93_str_opr	BOBJ1	56.42	After	Left Exterior Girder	0	0.95	1	1	2.61155
HL93_str_opr	BOBJ1	56.42	After	Interior Girder 1	0	0.95	1	1	1.611995
HL93_str_opr	BOBJ1	56.42	After	Interior Girder 2	0	0.95	1	1	1.578847
HL93_str_opr	BOBJ1	56.42	After	Interior Girder 3	0	0.95	1	1	1.340837
HL93_str_opr	BOBJ1	56.42	After	Interior Girder 4	0	0.95	1	1	1.340837
HL93_str_opr	BOBJ1	56.42	After	Interior Girder 5	0	0.95	1	1	1.578847
HL93_str_opr	BOBJ1	56.42	After	Interior Girder 6	0	0.95	1	1	1.611995
HL93_str_opr	BOBJ1	56.42	After	Right Exterior Girder	0	0.95	1	1	2.61155
HL93_str_opr	BOBJ1	62.0367	Before	Left Exterior Girder	5.6167	0.95	1	1	4.887658
HL93_str_opr	BOBJ1	62.0367	Before	Interior Girder 1	5.6167	0.95	1	1	3.212891
HL93_str_opr	BOBJ1	62.0367	Before	Interior Girder 2	5.6167	0.95	1	1	3.036407
HL93_str_opr	BOBJ1	62.0367	Before	Interior Girder 3	5.6167	0.95	1	1	2.84252
HL93_str_opr	BOBJ1	62.0367	Before	Interior Girder 4	5.6167	0.95	1	1	2.84252
HL93_str_opr	BOBJ1	62.0367	Before	Interior Girder 5	5.6167	0.95	1	1	3.036407
HL93_str_opr	BOBJ1	62.0367	Before	Interior Girder 6	5.6167	0.95	1	1	3.212891
HL93_str_opr	BOBJ1	62.0367	Before	Right Exterior Girder	5.6167	0.95	1	1	4.887658
HL93_str_opr	BOBJ1	62.0367	After	Left Exterior Girder	5.6167	0.95	1	1	4.804738
HL93_str_opr	BOBJ1	62.0367	After	Interior Girder 1	5.6167	0.95	1	1	3.279419
HL93_str_opr	BOBJ1	62.0367	After	Interior Girder 2	5.6167	0.95	1	1	3.078592

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelINonCompStrgth-Flx - Approach, Span 12-1									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
HL93_str_opr	BOBJ1	62.0367	After	Interior Girder 3	5.6167	0.95	1	1	2.877933
HL93_str_opr	BOBJ1	62.0367	After	Interior Girder 4	5.6167	0.95	1	1	2.877933
HL93_str_opr	BOBJ1	62.0367	After	Interior Girder 5	5.6167	0.95	1	1	3.078592
HL93_str_opr	BOBJ1	62.0367	After	Interior Girder 6	5.6167	0.95	1	1	3.279419
HL93_str_opr	BOBJ1	62.0367	After	Right Exterior Girder	5.6167	0.95	1	1	4.804738
HL93_str_opr	BOBJ1	62.4203	Before	Interior Girder 1	6.0003	0.95	1	1	3.387675
HL93_str_opr	BOBJ1	62.4203	Before	Interior Girder 2	6.0003	0.95	1	1	3.165965
HL93_str_opr	BOBJ1	62.4203	Before	Interior Girder 3	6.0003	0.95	1	1	2.976044
HL93_str_opr	BOBJ1	62.4203	Before	Interior Girder 4	6.0003	0.95	1	1	2.976044
HL93_str_opr	BOBJ1	62.4203	Before	Interior Girder 5	6.0003	0.95	1	1	3.165965
HL93_str_opr	BOBJ1	62.4203	Before	Interior Girder 6	6.0003	0.95	1	1	3.387675
HL93_str_opr	BOBJ1	62.4203	After	Interior Girder 1	6.0003	0.95	1	1	2.219145
HL93_str_opr	BOBJ1	62.4203	After	Interior Girder 2	6.0003	0.95	1	1	2.10405
HL93_str_opr	BOBJ1	62.4203	After	Interior Girder 3	6.0003	0.95	1	1	1.945179
HL93_str_opr	BOBJ1	62.4203	After	Interior Girder 4	6.0003	0.95	1	1	1.945179
HL93_str_opr	BOBJ1	62.4203	After	Interior Girder 5	6.0003	0.95	1	1	2.10405
HL93_str_opr	BOBJ1	62.4203	After	Interior Girder 6	6.0003	0.95	1	1	2.219145
HL93_str_opr	BOBJ1	64.9204	Before	Left Exterior Girder	8.5004	0.95	1	1	5.893966
HL93_str_opr	BOBJ1	64.9204	Before	Right Exterior Girder	8.5004	0.95	1	1	5.893966
HL93_str_opr	BOBJ1	64.9204	After	Left Exterior Girder	8.5004	0.95	1	1	2.662473
HL93_str_opr	BOBJ1	64.9204	After	Right Exterior Girder	8.5004	0.95	1	1	2.662473
HL93_str_opr	BOBJ1	67.6533	Before	Left Exterior Girder	11.2333	0.95	1	1	3.446652
HL93_str_opr	BOBJ1	67.6533	Before	Interior Girder 1	11.2333	0.95	1	1	3.335523
HL93_str_opr	BOBJ1	67.6533	Before	Interior Girder 2	11.2333	0.95	1	1	3.149722
HL93_str_opr	BOBJ1	67.6533	Before	Interior Girder 3	11.2333	0.95	1	1	3.147352
HL93_str_opr	BOBJ1	67.6533	Before	Interior Girder 4	11.2333	0.95	1	1	3.147352
HL93_str_opr	BOBJ1	67.6533	Before	Interior Girder 5	11.2333	0.95	1	1	3.149722
HL93_str_opr	BOBJ1	67.6533	Before	Interior Girder 6	11.2333	0.95	1	1	3.335523
HL93_str_opr	BOBJ1	67.6533	Before	Right Exterior Girder	11.2333	0.95	1	1	3.446652
HL93_str_opr	BOBJ1	67.6533	After	Left Exterior Girder	11.2333	0.95	1	1	3.399286
HL93_str_opr	BOBJ1	67.6533	After	Interior Girder 1	11.2333	0.95	1	1	3.363881
HL93_str_opr	BOBJ1	67.6533	After	Interior Girder 2	11.2333	0.95	1	1	3.182824
HL93_str_opr	BOBJ1	67.6533	After	Interior Girder 3	11.2333	0.95	1	1	3.15888
HL93_str_opr	BOBJ1	67.6533	After	Interior Girder 4	11.2333	0.95	1	1	3.15888
HL93_str_opr	BOBJ1	67.6533	After	Interior Girder 5	11.2333	0.95	1	1	3.182824
HL93_str_opr	BOBJ1	67.6533	After	Interior Girder 6	11.2333	0.95	1	1	3.363881
HL93_str_opr	BOBJ1	67.6533	After	Right Exterior Girder	11.2333	0.95	1	1	3.399286
HL93_str_opr	BOBJ1	73.27	Before	Left Exterior Girder	16.85	0.95	1	1	3.617128
HL93_str_opr	BOBJ1	73.27	Before	Interior Girder 1	16.85	0.95	1	1	2.813442
HL93_str_opr	BOBJ1	73.27	Before	Interior Girder 2	16.85	0.95	1	1	2.569361
HL93_str_opr	BOBJ1	73.27	Before	Interior Girder 3	16.85	0.95	1	1	2.489482
HL93_str_opr	BOBJ1	73.27	Before	Interior Girder 4	16.85	0.95	1	1	2.489482
HL93_str_opr	BOBJ1	73.27	Before	Interior Girder 5	16.85	0.95	1	1	2.569361
HL93_str_opr	BOBJ1	73.27	Before	Interior Girder 6	16.85	0.95	1	1	2.813442
HL93_str_opr	BOBJ1	73.27	Before	Right Exterior Girder	16.85	0.95	1	1	3.617128
HL93_str_opr	BOBJ1	73.27	After	Left Exterior Girder	16.85	0.95	1	1	3.679331
HL93_str_opr	BOBJ1	73.27	After	Interior Girder 1	16.85	0.95	1	1	2.785521
HL93_str_opr	BOBJ1	73.27	After	Interior Girder 2	16.85	0.95	1	1	2.571458
HL93_str_opr	BOBJ1	73.27	After	Interior Girder 3	16.85	0.95	1	1	2.525248
HL93_str_opr	BOBJ1	73.27	After	Interior Girder 4	16.85	0.95	1	1	2.525248
HL93_str_opr	BOBJ1	73.27	After	Interior Girder 5	16.85	0.95	1	1	2.571458
HL93_str_opr	BOBJ1	73.27	After	Interior Girder 6	16.85	0.95	1	1	2.785521
HL93_str_opr	BOBJ1	73.27	After	Right Exterior Girder	16.85	0.95	1	1	3.679331
HL93_str_opr	BOBJ1	78.8867	Before	Left Exterior Girder	22.4667	0.95	1	1	2.399764
HL93_str_opr	BOBJ1	78.8867	Before	Interior Girder 1	22.4667	0.95	1	1	1.84261
HL93_str_opr	BOBJ1	78.8867	Before	Interior Girder 2	22.4667	0.95	1	1	1.746906
HL93_str_opr	BOBJ1	78.8867	Before	Interior Girder 3	22.4667	0.95	1	1	1.692321
HL93_str_opr	BOBJ1	78.8867	Before	Interior Girder 4	22.4667	0.95	1	1	1.692321
HL93_str_opr	BOBJ1	78.8867	Before	Interior Girder 5	22.4667	0.95	1	1	1.746906
HL93_str_opr	BOBJ1	78.8867	Before	Interior Girder 6	22.4667	0.95	1	1	1.84261
HL93_str_opr	BOBJ1	78.8867	Before	Right Exterior Girder	22.4667	0.95	1	1	2.399764
HL93_str_opr	BOBJ1	78.8867	After	Left Exterior Girder	22.4667	0.95	1	1	2.443257
HL93_str_opr	BOBJ1	78.8867	After	Interior Girder 1	22.4667	0.95	1	1	1.824487
HL93_str_opr	BOBJ1	78.8867	After	Interior Girder 2	22.4667	0.95	1	1	1.743728
HL93_str_opr	BOBJ1	78.8867	After	Interior Girder 3	22.4667	0.95	1	1	1.709946

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelINonCompStrgth-Flx - Approach, Span 12-1									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
HL93_str_opr	BOBJ1	78.8867	After	Interior Girder 4	22.4667	0.95	1	1	1.709946
HL93_str_opr	BOBJ1	78.8867	After	Interior Girder 5	22.4667	0.95	1	1	1.743728
HL93_str_opr	BOBJ1	78.8867	After	Interior Girder 6	22.4667	0.95	1	1	1.824487
HL93_str_opr	BOBJ1	78.8867	After	Right Exterior Girder	22.4667	0.95	1	1	2.443257
HL93_str_opr	BOBJ1	84.5033	Before	Left Exterior Girder	28.0833	0.95	1	1	1.877497
HL93_str_opr	BOBJ1	84.5033	Before	Interior Girder 1	28.0833	0.95	1	1	1.511905
HL93_str_opr	BOBJ1	84.5033	Before	Interior Girder 2	28.0833	0.95	1	1	1.450618
HL93_str_opr	BOBJ1	84.5033	Before	Interior Girder 3	28.0833	0.95	1	1	1.418792
HL93_str_opr	BOBJ1	84.5033	Before	Interior Girder 4	28.0833	0.95	1	1	1.418792
HL93_str_opr	BOBJ1	84.5033	Before	Interior Girder 5	28.0833	0.95	1	1	1.450618
HL93_str_opr	BOBJ1	84.5033	Before	Interior Girder 6	28.0833	0.95	1	1	1.511905
HL93_str_opr	BOBJ1	84.5033	Before	Right Exterior Girder	28.0833	0.95	1	1	1.877497
HL93_str_opr	BOBJ1	84.5033	After	Left Exterior Girder	28.0833	0.95	1	1	1.877278
HL93_str_opr	BOBJ1	84.5033	After	Interior Girder 1	28.0833	0.95	1	1	1.516708
HL93_str_opr	BOBJ1	84.5033	After	Interior Girder 2	28.0833	0.95	1	1	1.459316
HL93_str_opr	BOBJ1	84.5033	After	Interior Girder 3	28.0833	0.95	1	1	1.435236
HL93_str_opr	BOBJ1	84.5033	After	Interior Girder 4	28.0833	0.95	1	1	1.435236
HL93_str_opr	BOBJ1	84.5033	After	Interior Girder 5	28.0833	0.95	1	1	1.459316
HL93_str_opr	BOBJ1	84.5033	After	Interior Girder 6	28.0833	0.95	1	1	1.516708
HL93_str_opr	BOBJ1	84.5033	After	Right Exterior Girder	28.0833	0.95	1	1	1.877278
HL93_str_opr	BOBJ1	90.12	Before	Left Exterior Girder	33.7	0.95	1	1	1.669693
HL93_str_opr	BOBJ1	90.12	Before	Interior Girder 1	33.7	0.95	1	1	1.484345
HL93_str_opr	BOBJ1	90.12	Before	Interior Girder 2	33.7	0.95	1	1	1.423484
HL93_str_opr	BOBJ1	90.12	Before	Interior Girder 3	33.7	0.95	1	1	1.401341
HL93_str_opr	BOBJ1	90.12	Before	Interior Girder 4	33.7	0.95	1	1	1.401341
HL93_str_opr	BOBJ1	90.12	Before	Interior Girder 5	33.7	0.95	1	1	1.423484
HL93_str_opr	BOBJ1	90.12	Before	Interior Girder 6	33.7	0.95	1	1	1.484345
HL93_str_opr	BOBJ1	90.12	Before	Right Exterior Girder	33.7	0.95	1	1	1.669693
HL93_str_opr	BOBJ1	90.12	After	Left Exterior Girder	33.7	0.95	1	1	1.67467
HL93_str_opr	BOBJ1	90.12	After	Interior Girder 1	33.7	0.95	1	1	1.480528
HL93_str_opr	BOBJ1	90.12	After	Interior Girder 2	33.7	0.95	1	1	1.421662
HL93_str_opr	BOBJ1	90.12	After	Interior Girder 3	33.7	0.95	1	1	1.399505
HL93_str_opr	BOBJ1	90.12	After	Interior Girder 4	33.7	0.95	1	1	1.399505
HL93_str_opr	BOBJ1	90.12	After	Interior Girder 5	33.7	0.95	1	1	1.421662
HL93_str_opr	BOBJ1	90.12	After	Interior Girder 6	33.7	0.95	1	1	1.480528
HL93_str_opr	BOBJ1	90.12	After	Right Exterior Girder	33.7	0.95	1	1	1.67467
HL93_str_opr	BOBJ1	95.7367	Before	Left Exterior Girder	39.3167	0.95	1	1	1.848069
HL93_str_opr	BOBJ1	95.7367	Before	Interior Girder 1	39.3167	0.95	1	1	1.499571
HL93_str_opr	BOBJ1	95.7367	Before	Interior Girder 2	39.3167	0.95	1	1	1.443713
HL93_str_opr	BOBJ1	95.7367	Before	Interior Girder 3	39.3167	0.95	1	1	1.421664
HL93_str_opr	BOBJ1	95.7367	Before	Interior Girder 4	39.3167	0.95	1	1	1.421664
HL93_str_opr	BOBJ1	95.7367	Before	Interior Girder 5	39.3167	0.95	1	1	1.443713
HL93_str_opr	BOBJ1	95.7367	Before	Interior Girder 6	39.3167	0.95	1	1	1.499571
HL93_str_opr	BOBJ1	95.7367	Before	Right Exterior Girder	39.3167	0.95	1	1	1.848069
HL93_str_opr	BOBJ1	95.7367	After	Left Exterior Girder	39.3167	0.95	1	1	1.849918
HL93_str_opr	BOBJ1	95.7367	After	Interior Girder 1	39.3167	0.95	1	1	1.493847
HL93_str_opr	BOBJ1	95.7367	After	Interior Girder 2	39.3167	0.95	1	1	1.435221
HL93_str_opr	BOBJ1	95.7367	After	Interior Girder 3	39.3167	0.95	1	1	1.406127
HL93_str_opr	BOBJ1	95.7367	After	Interior Girder 4	39.3167	0.95	1	1	1.406127
HL93_str_opr	BOBJ1	95.7367	After	Interior Girder 5	39.3167	0.95	1	1	1.435221
HL93_str_opr	BOBJ1	95.7367	After	Interior Girder 6	39.3167	0.95	1	1	1.493847
HL93_str_opr	BOBJ1	95.7367	After	Right Exterior Girder	39.3167	0.95	1	1	1.849918
HL93_str_opr	BOBJ1	101.3533	Before	Left Exterior Girder	44.9333	0.95	1	1	2.345591
HL93_str_opr	BOBJ1	101.3533	Before	Interior Girder 1	44.9333	0.95	1	1	1.781555
HL93_str_opr	BOBJ1	101.3533	Before	Interior Girder 2	44.9333	0.95	1	1	1.704191
HL93_str_opr	BOBJ1	101.3533	Before	Interior Girder 3	44.9333	0.95	1	1	1.677728
HL93_str_opr	BOBJ1	101.3533	Before	Interior Girder 4	44.9333	0.95	1	1	1.677728
HL93_str_opr	BOBJ1	101.3533	Before	Interior Girder 5	44.9333	0.95	1	1	1.704191
HL93_str_opr	BOBJ1	101.3533	Before	Interior Girder 6	44.9333	0.95	1	1	1.781555
HL93_str_opr	BOBJ1	101.3533	Before	Right Exterior Girder	44.9333	0.95	1	1	2.345591
HL93_str_opr	BOBJ1	101.3533	After	Left Exterior Girder	44.9333	0.95	1	1	2.306848
HL93_str_opr	BOBJ1	101.3533	After	Interior Girder 1	44.9333	0.95	1	1	1.797909
HL93_str_opr	BOBJ1	101.3533	After	Interior Girder 2	44.9333	0.95	1	1	1.707964
HL93_str_opr	BOBJ1	101.3533	After	Interior Girder 3	44.9333	0.95	1	1	1.661828
HL93_str_opr	BOBJ1	101.3533	After	Interior Girder 4	44.9333	0.95	1	1	1.661828

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelINonCompStrgth-Flx - Approach, Span 12-1									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
HL93_str_opr	BOBJ1	101.3533	After	Interior Girder 5	44.9333	0.95	1	1	1.707964
HL93_str_opr	BOBJ1	101.3533	After	Interior Girder 6	44.9333	0.95	1	1	1.797909
HL93_str_opr	BOBJ1	101.3533	After	Right Exterior Girder	44.9333	0.95	1	1	2.306848
HL93_str_opr	BOBJ1	106.97	Before	Left Exterior Girder	50.55	0.95	1	1	3.394316
HL93_str_opr	BOBJ1	106.97	Before	Interior Girder 1	50.55	0.95	1	1	2.661437
HL93_str_opr	BOBJ1	106.97	Before	Interior Girder 2	50.55	0.95	1	1	2.460986
HL93_str_opr	BOBJ1	106.97	Before	Interior Girder 3	50.55	0.95	1	1	2.434034
HL93_str_opr	BOBJ1	106.97	Before	Interior Girder 4	50.55	0.95	1	1	2.434034
HL93_str_opr	BOBJ1	106.97	Before	Interior Girder 5	50.55	0.95	1	1	2.460986
HL93_str_opr	BOBJ1	106.97	Before	Interior Girder 6	50.55	0.95	1	1	2.661437
HL93_str_opr	BOBJ1	106.97	Before	Right Exterior Girder	50.55	0.95	1	1	3.394316
HL93_str_opr	BOBJ1	106.97	After	Left Exterior Girder	50.55	0.95	1	1	3.369306
HL93_str_opr	BOBJ1	106.97	After	Interior Girder 1	50.55	0.95	1	1	2.668019
HL93_str_opr	BOBJ1	106.97	After	Interior Girder 2	50.55	0.95	1	1	2.451302
HL93_str_opr	BOBJ1	106.97	After	Interior Girder 3	50.55	0.95	1	1	2.394126
HL93_str_opr	BOBJ1	106.97	After	Interior Girder 4	50.55	0.95	1	1	2.394126
HL93_str_opr	BOBJ1	106.97	After	Interior Girder 5	50.55	0.95	1	1	2.451302
HL93_str_opr	BOBJ1	106.97	After	Interior Girder 6	50.55	0.95	1	1	2.668019
HL93_str_opr	BOBJ1	106.97	After	Right Exterior Girder	50.55	0.95	1	1	3.369306
HL93_str_opr	BOBJ1	112.5933	Before	Left Exterior Girder	56.1733	0.95	1	1	2.769545
HL93_str_opr	BOBJ1	112.5933	Before	Interior Girder 1	56.1733	0.95	1	1	2.81635
HL93_str_opr	BOBJ1	112.5933	Before	Interior Girder 2	56.1733	0.95	1	1	2.685156
HL93_str_opr	BOBJ1	112.5933	Before	Interior Girder 3	56.1733	0.95	1	1	2.70375
HL93_str_opr	BOBJ1	112.5933	Before	Interior Girder 4	56.1733	0.95	1	1	2.70375
HL93_str_opr	BOBJ1	112.5933	Before	Interior Girder 5	56.1733	0.95	1	1	2.685156
HL93_str_opr	BOBJ1	112.5933	Before	Interior Girder 6	56.1733	0.95	1	1	2.81635
HL93_str_opr	BOBJ1	112.5933	Before	Right Exterior Girder	56.1733	0.95	1	1	2.769545
HL93_str_opr	BOBJ1	112.5933	After	Left Exterior Girder	56.1733	0.95	1	1	2.803324
HL93_str_opr	BOBJ1	112.5933	After	Interior Girder 1	56.1733	0.95	1	1	2.797512
HL93_str_opr	BOBJ1	112.5933	After	Interior Girder 2	56.1733	0.95	1	1	2.664375
HL93_str_opr	BOBJ1	112.5933	After	Interior Girder 3	56.1733	0.95	1	1	2.697687
HL93_str_opr	BOBJ1	112.5933	After	Interior Girder 4	56.1733	0.95	1	1	2.697687
HL93_str_opr	BOBJ1	112.5933	After	Interior Girder 5	56.1733	0.95	1	1	2.664375
HL93_str_opr	BOBJ1	112.5933	After	Interior Girder 6	56.1733	0.95	1	1	2.797512
HL93_str_opr	BOBJ1	112.5933	After	Right Exterior Girder	56.1733	0.95	1	1	2.803324
HL93_str_opr	BOBJ1	115.3396	Before	Left Exterior Girder	58.9196	0.95	1	1	2.184588
HL93_str_opr	BOBJ1	115.3396	Before	Right Exterior Girder	58.9196	0.95	1	1	2.184588
HL93_str_opr	BOBJ1	115.3396	After	Left Exterior Girder	58.9196	0.95	1	1	4.888038
HL93_str_opr	BOBJ1	115.3396	After	Right Exterior Girder	58.9196	0.95	1	1	4.888038
HL93_str_opr	BOBJ1	118.2167	Before	Left Exterior Girder	61.7967	0.95	1	1	4.048357
HL93_str_opr	BOBJ1	118.2167	Before	Interior Girder 1	61.9198	0.95	1	1	1.808356
HL93_str_opr	BOBJ1	118.2167	Before	Interior Girder 2	61.9198	0.95	1	1	1.751282
HL93_str_opr	BOBJ1	118.2167	Before	Interior Girder 3	61.9198	0.95	1	1	1.635689
HL93_str_opr	BOBJ1	118.2167	Before	Interior Girder 4	61.9198	0.95	1	1	1.635689
HL93_str_opr	BOBJ1	118.2167	Before	Interior Girder 5	61.9198	0.95	1	1	1.751282
HL93_str_opr	BOBJ1	118.2167	Before	Interior Girder 6	61.9198	0.95	1	1	1.808356
HL93_str_opr	BOBJ1	118.2167	Before	Right Exterior Girder	61.7967	0.95	1	1	4.048357
HL93_str_opr	BOBJ1	118.2167	After	Left Exterior Girder	61.7967	0.95	1	1	4.060356
HL93_str_opr	BOBJ1	118.2167	After	Interior Girder 1	61.9198	0.95	1	1	2.786003
HL93_str_opr	BOBJ1	118.2167	After	Interior Girder 2	61.9198	0.95	1	1	2.637599
HL93_str_opr	BOBJ1	118.2167	After	Interior Girder 3	61.9198	0.95	1	1	2.510326
HL93_str_opr	BOBJ1	118.2167	After	Interior Girder 4	61.9198	0.95	1	1	2.510326
HL93_str_opr	BOBJ1	118.2167	After	Interior Girder 5	61.9198	0.95	1	1	2.637599
HL93_str_opr	BOBJ1	118.2167	After	Interior Girder 6	61.9198	0.95	1	1	2.786003
HL93_str_opr	BOBJ1	118.2167	After	Right Exterior Girder	61.7967	0.95	1	1	4.060356
HL93_str_opr	BOBJ1	123.84	Before	Left Exterior Girder	67.42	0.95	1	1	2.55691
HL93_str_opr	BOBJ1	123.84	Before	Interior Girder 1	67.42	0.95	1	1	1.626014
HL93_str_opr	BOBJ1	123.84	Before	Interior Girder 2	67.42	0.95	1	1	1.558156
HL93_str_opr	BOBJ1	123.84	Before	Interior Girder 3	67.42	0.95	1	1	1.310116
HL93_str_opr	BOBJ1	123.84	Before	Interior Girder 4	67.42	0.95	1	1	1.310116
HL93_str_opr	BOBJ1	123.84	Before	Interior Girder 5	67.42	0.95	1	1	1.558156
HL93_str_opr	BOBJ1	123.84	Before	Interior Girder 6	67.42	0.95	1	1	1.626014
HL93_str_opr	BOBJ1	123.84	Before	Right Exterior Girder	67.42	0.95	1	1	2.55691
HL93_str_opr	BOBJ1	123.84	After	Left Exterior Girder	0	0.95	1	1	2.735245
HL93_str_opr	BOBJ1	123.84	After	Interior Girder 1	0	0.95	1	1	1.753802

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelINonCompStrgth-Flx - Approach, Span 12-1									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
HL93_str_opr	BOBJ1	123.84	After	Interior Girder 2	0	0.95	1	1	1.685317
HL93_str_opr	BOBJ1	123.84	After	Interior Girder 3	0	0.95	1	1	1.418602
HL93_str_opr	BOBJ1	123.84	After	Interior Girder 4	0	0.95	1	1	1.418602
HL93_str_opr	BOBJ1	123.84	After	Interior Girder 5	0	0.95	1	1	1.685317
HL93_str_opr	BOBJ1	123.84	After	Interior Girder 6	0	0.95	1	1	1.753802
HL93_str_opr	BOBJ1	123.84	After	Right Exterior Girder	0	0.95	1	1	2.735245
HL93_str_opr	BOBJ1	129.34	Before	Interior Girder 1	5.5	0.95	1	1	2.958771
HL93_str_opr	BOBJ1	129.34	Before	Interior Girder 2	5.5	0.95	1	1	2.813532
HL93_str_opr	BOBJ1	129.34	Before	Interior Girder 3	5.5	0.95	1	1	2.681466
HL93_str_opr	BOBJ1	129.34	Before	Interior Girder 4	5.5	0.95	1	1	2.681466
HL93_str_opr	BOBJ1	129.34	Before	Interior Girder 5	5.5	0.95	1	1	2.813532
HL93_str_opr	BOBJ1	129.34	Before	Interior Girder 6	5.5	0.95	1	1	2.958771
HL93_str_opr	BOBJ1	129.34	After	Interior Girder 1	5.5	0.95	1	1	1.944238
HL93_str_opr	BOBJ1	129.34	After	Interior Girder 2	5.5	0.95	1	1	1.870598
HL93_str_opr	BOBJ1	129.34	After	Interior Girder 3	5.5	0.95	1	1	1.758354
HL93_str_opr	BOBJ1	129.34	After	Interior Girder 4	5.5	0.95	1	1	1.758354
HL93_str_opr	BOBJ1	129.34	After	Interior Girder 5	5.5	0.95	1	1	1.870598
HL93_str_opr	BOBJ1	129.34	After	Interior Girder 6	5.5	0.95	1	1	1.944238
HL93_str_opr	BOBJ1	130.79	Before	Left Exterior Girder	6.95	0.95	1	1	4.715572
HL93_str_opr	BOBJ1	130.79	Before	Interior Girder 1	6.95	0.95	1	1	2.224675
HL93_str_opr	BOBJ1	130.79	Before	Interior Girder 2	6.95	0.95	1	1	2.101611
HL93_str_opr	BOBJ1	130.79	Before	Interior Girder 3	6.95	0.95	1	1	2.030866
HL93_str_opr	BOBJ1	130.79	Before	Interior Girder 4	6.95	0.95	1	1	2.030866
HL93_str_opr	BOBJ1	130.79	Before	Interior Girder 5	6.95	0.95	1	1	2.101611
HL93_str_opr	BOBJ1	130.79	Before	Interior Girder 6	6.95	0.95	1	1	2.224675
HL93_str_opr	BOBJ1	130.79	Before	Right Exterior Girder	6.95	0.95	1	1	4.715572
HL93_str_opr	BOBJ1	130.79	After	Left Exterior Girder	6.95	0.95	1	1	4.754788
HL93_str_opr	BOBJ1	130.79	After	Interior Girder 1	6.95	0.95	1	1	2.2139
HL93_str_opr	BOBJ1	130.79	After	Interior Girder 2	6.95	0.95	1	1	2.113252
HL93_str_opr	BOBJ1	130.79	After	Interior Girder 3	6.95	0.95	1	1	2.031268
HL93_str_opr	BOBJ1	130.79	After	Interior Girder 4	6.95	0.95	1	1	2.031268
HL93_str_opr	BOBJ1	130.79	After	Interior Girder 5	6.95	0.95	1	1	2.113252
HL93_str_opr	BOBJ1	130.79	After	Interior Girder 6	6.95	0.95	1	1	2.2139
HL93_str_opr	BOBJ1	130.79	After	Right Exterior Girder	6.95	0.95	1	1	4.754788
HL93_str_opr	BOBJ1	132.34	Before	Left Exterior Girder	8.5	0.95	1	1	5.277806
HL93_str_opr	BOBJ1	132.34	Before	Right Exterior Girder	8.5	0.95	1	1	5.277806
HL93_str_opr	BOBJ1	132.34	After	Left Exterior Girder	8.5	0.95	1	1	2.346802
HL93_str_opr	BOBJ1	132.34	After	Right Exterior Girder	8.5	0.95	1	1	2.346802
HL93_str_opr	BOBJ1	137.74	Before	Left Exterior Girder	13.9	0.95	1	1	3.569199
HL93_str_opr	BOBJ1	137.74	Before	Interior Girder 1	13.9	0.95	1	1	3.501314
HL93_str_opr	BOBJ1	137.74	Before	Interior Girder 2	13.9	0.95	1	1	3.18591
HL93_str_opr	BOBJ1	137.74	Before	Interior Girder 3	13.9	0.95	1	1	3.090928
HL93_str_opr	BOBJ1	137.74	Before	Interior Girder 4	13.9	0.95	1	1	3.090928
HL93_str_opr	BOBJ1	137.74	Before	Interior Girder 5	13.9	0.95	1	1	3.18591
HL93_str_opr	BOBJ1	137.74	Before	Interior Girder 6	13.9	0.95	1	1	3.501314
HL93_str_opr	BOBJ1	137.74	Before	Right Exterior Girder	13.9	0.95	1	1	3.569199
HL93_str_opr	BOBJ1	137.74	After	Left Exterior Girder	13.9	0.95	1	1	3.887461
HL93_str_opr	BOBJ1	137.74	After	Interior Girder 1	13.9	0.95	1	1	3.479645
HL93_str_opr	BOBJ1	137.74	After	Interior Girder 2	13.9	0.95	1	1	3.180688
HL93_str_opr	BOBJ1	137.74	After	Interior Girder 3	13.9	0.95	1	1	3.140885
HL93_str_opr	BOBJ1	137.74	After	Interior Girder 4	13.9	0.95	1	1	3.140885
HL93_str_opr	BOBJ1	137.74	After	Interior Girder 5	13.9	0.95	1	1	3.180688
HL93_str_opr	BOBJ1	137.74	After	Interior Girder 6	13.9	0.95	1	1	3.479645
HL93_str_opr	BOBJ1	137.74	After	Right Exterior Girder	13.9	0.95	1	1	3.887461
HL93_str_opr	BOBJ1	143.7733	Before	Left Exterior Girder	19.9333	0.95	1	1	2.758115
HL93_str_opr	BOBJ1	143.7733	Before	Interior Girder 1	19.9333	0.95	1	1	2.025305
HL93_str_opr	BOBJ1	143.7733	Before	Interior Girder 2	19.9333	0.95	1	1	1.916573
HL93_str_opr	BOBJ1	143.7733	Before	Interior Girder 3	19.9333	0.95	1	1	1.862694
HL93_str_opr	BOBJ1	143.7733	Before	Interior Girder 4	19.9333	0.95	1	1	1.862694
HL93_str_opr	BOBJ1	143.7733	Before	Interior Girder 5	19.9333	0.95	1	1	1.916573
HL93_str_opr	BOBJ1	143.7733	Before	Interior Girder 6	19.9333	0.95	1	1	2.025305
HL93_str_opr	BOBJ1	143.7733	Before	Right Exterior Girder	19.9333	0.95	1	1	2.758115
HL93_str_opr	BOBJ1	143.7733	After	Left Exterior Girder	19.9333	0.95	1	1	2.80811
HL93_str_opr	BOBJ1	143.7733	After	Interior Girder 1	19.9333	0.95	1	1	2.002439
HL93_str_opr	BOBJ1	143.7733	After	Interior Girder 2	19.9333	0.95	1	1	1.917403

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelINonCompStrgth-Flx - Approach, Span 12-1									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
HL93_str_opr	BOBJ1	143.7733	After	Interior Girder 3	19.9333	0.95	1	1	1.891907
HL93_str_opr	BOBJ1	143.7733	After	Interior Girder 4	19.9333	0.95	1	1	1.891907
HL93_str_opr	BOBJ1	143.7733	After	Interior Girder 5	19.9333	0.95	1	1	1.917403
HL93_str_opr	BOBJ1	143.7733	After	Interior Girder 6	19.9333	0.95	1	1	2.002439
HL93_str_opr	BOBJ1	143.7733	After	Right Exterior Girder	19.9333	0.95	1	1	2.80811
HL93_str_opr	BOBJ1	149.8067	Before	Left Exterior Girder	25.9667	0.95	1	1	1.967163
HL93_str_opr	BOBJ1	149.8067	Before	Interior Girder 1	25.9667	0.95	1	1	1.549579
HL93_str_opr	BOBJ1	149.8067	Before	Interior Girder 2	25.9667	0.95	1	1	1.484029
HL93_str_opr	BOBJ1	149.8067	Before	Interior Girder 3	25.9667	0.95	1	1	1.454306
HL93_str_opr	BOBJ1	149.8067	Before	Interior Girder 4	25.9667	0.95	1	1	1.454306
HL93_str_opr	BOBJ1	149.8067	Before	Interior Girder 5	25.9667	0.95	1	1	1.484029
HL93_str_opr	BOBJ1	149.8067	Before	Interior Girder 6	25.9667	0.95	1	1	1.549579
HL93_str_opr	BOBJ1	149.8067	Before	Right Exterior Girder	25.9667	0.95	1	1	1.967163
HL93_str_opr	BOBJ1	149.8067	After	Left Exterior Girder	25.9667	0.95	1	1	1.967202
HL93_str_opr	BOBJ1	149.8067	After	Interior Girder 1	25.9667	0.95	1	1	1.552688
HL93_str_opr	BOBJ1	149.8067	After	Interior Girder 2	25.9667	0.95	1	1	1.494849
HL93_str_opr	BOBJ1	149.8067	After	Interior Girder 3	25.9667	0.95	1	1	1.476862
HL93_str_opr	BOBJ1	149.8067	After	Interior Girder 4	25.9667	0.95	1	1	1.476862
HL93_str_opr	BOBJ1	149.8067	After	Interior Girder 5	25.9667	0.95	1	1	1.494849
HL93_str_opr	BOBJ1	149.8067	After	Interior Girder 6	25.9667	0.95	1	1	1.552688
HL93_str_opr	BOBJ1	149.8067	After	Right Exterior Girder	25.9667	0.95	1	1	1.967202
HL93_str_opr	BOBJ1	155.84	Before	Left Exterior Girder	32	0.95	1	1	1.645125
HL93_str_opr	BOBJ1	155.84	Before	Interior Girder 1	32	0.95	1	1	1.461441
HL93_str_opr	BOBJ1	155.84	Before	Interior Girder 2	32	0.95	1	1	1.400719
HL93_str_opr	BOBJ1	155.84	Before	Interior Girder 3	32	0.95	1	1	1.38151
HL93_str_opr	BOBJ1	155.84	Before	Interior Girder 4	32	0.95	1	1	1.38151
HL93_str_opr	BOBJ1	155.84	Before	Interior Girder 5	32	0.95	1	1	1.400719
HL93_str_opr	BOBJ1	155.84	Before	Interior Girder 6	32	0.95	1	1	1.461441
HL93_str_opr	BOBJ1	155.84	Before	Right Exterior Girder	32	0.95	1	1	1.645125
HL93_str_opr	BOBJ1	155.84	After	Left Exterior Girder	32	0.95	1	1	1.651616
HL93_str_opr	BOBJ1	155.84	After	Interior Girder 1	32	0.95	1	1	1.457972
HL93_str_opr	BOBJ1	155.84	After	Interior Girder 2	32	0.95	1	1	1.399375
HL93_str_opr	BOBJ1	155.84	After	Interior Girder 3	32	0.95	1	1	1.384474
HL93_str_opr	BOBJ1	155.84	After	Interior Girder 4	32	0.95	1	1	1.384474
HL93_str_opr	BOBJ1	155.84	After	Interior Girder 5	32	0.95	1	1	1.399375
HL93_str_opr	BOBJ1	155.84	After	Interior Girder 6	32	0.95	1	1	1.457972
HL93_str_opr	BOBJ1	155.84	After	Right Exterior Girder	32	0.95	1	1	1.651616
HL93_str_opr	BOBJ1	161.8733	Before	Left Exterior Girder	38.0333	0.95	1	1	1.787073
HL93_str_opr	BOBJ1	161.8733	Before	Interior Girder 1	38.0333	0.95	1	1	1.44207
HL93_str_opr	BOBJ1	161.8733	Before	Interior Girder 2	38.0333	0.95	1	1	1.386679
HL93_str_opr	BOBJ1	161.8733	Before	Interior Girder 3	38.0333	0.95	1	1	1.364849
HL93_str_opr	BOBJ1	161.8733	Before	Interior Girder 4	38.0333	0.95	1	1	1.364849
HL93_str_opr	BOBJ1	161.8733	Before	Interior Girder 5	38.0333	0.95	1	1	1.386679
HL93_str_opr	BOBJ1	161.8733	Before	Interior Girder 6	38.0333	0.95	1	1	1.44207
HL93_str_opr	BOBJ1	161.8733	Before	Right Exterior Girder	38.0333	0.95	1	1	1.787073
HL93_str_opr	BOBJ1	161.8733	After	Left Exterior Girder	38.0333	0.95	1	1	1.790745
HL93_str_opr	BOBJ1	161.8733	After	Interior Girder 1	38.0333	0.95	1	1	1.434512
HL93_str_opr	BOBJ1	161.8733	After	Interior Girder 2	38.0333	0.95	1	1	1.377665
HL93_str_opr	BOBJ1	161.8733	After	Interior Girder 3	38.0333	0.95	1	1	1.348545
HL93_str_opr	BOBJ1	161.8733	After	Interior Girder 4	38.0333	0.95	1	1	1.348545
HL93_str_opr	BOBJ1	161.8733	After	Interior Girder 5	38.0333	0.95	1	1	1.377665
HL93_str_opr	BOBJ1	161.8733	After	Interior Girder 6	38.0333	0.95	1	1	1.434512
HL93_str_opr	BOBJ1	161.8733	After	Right Exterior Girder	38.0333	0.95	1	1	1.790745
HL93_str_opr	BOBJ1	167.9067	Before	Left Exterior Girder	44.0667	0.95	1	1	2.263319
HL93_str_opr	BOBJ1	167.9067	Before	Interior Girder 1	44.0667	0.95	1	1	1.698665
HL93_str_opr	BOBJ1	167.9067	Before	Interior Girder 2	44.0667	0.95	1	1	1.621376
HL93_str_opr	BOBJ1	167.9067	Before	Interior Girder 3	44.0667	0.95	1	1	1.593649
HL93_str_opr	BOBJ1	167.9067	Before	Interior Girder 4	44.0667	0.95	1	1	1.593649
HL93_str_opr	BOBJ1	167.9067	Before	Interior Girder 5	44.0667	0.95	1	1	1.621376
HL93_str_opr	BOBJ1	167.9067	Before	Interior Girder 6	44.0667	0.95	1	1	1.698665
HL93_str_opr	BOBJ1	167.9067	Before	Right Exterior Girder	44.0667	0.95	1	1	2.263319
HL93_str_opr	BOBJ1	167.9067	After	Left Exterior Girder	44.0667	0.95	1	1	2.222453
HL93_str_opr	BOBJ1	167.9067	After	Interior Girder 1	44.0667	0.95	1	1	1.715311
HL93_str_opr	BOBJ1	167.9067	After	Interior Girder 2	44.0667	0.95	1	1	1.625294
HL93_str_opr	BOBJ1	167.9067	After	Interior Girder 3	44.0667	0.95	1	1	1.577258

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelINonCompStrgth-Flx - Approach, Span 12-1									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
HL93_str_opr	BOBJ1	167.9067	After	Interior Girder 4	44.0667	0.95	1	1	1.577258
HL93_str_opr	BOBJ1	167.9067	After	Interior Girder 5	44.0667	0.95	1	1	1.625294
HL93_str_opr	BOBJ1	167.9067	After	Interior Girder 6	44.0667	0.95	1	1	1.715311
HL93_str_opr	BOBJ1	167.9067	After	Right Exterior Girder	44.0667	0.95	1	1	2.222453
HL93_str_opr	BOBJ1	173.94	Before	Left Exterior Girder	50.1	0.95	1	1	3.331243
HL93_str_opr	BOBJ1	173.94	Before	Interior Girder 1	50.1	0.95	1	1	2.590956
HL93_str_opr	BOBJ1	173.94	Before	Interior Girder 2	50.1	0.95	1	1	2.379957
HL93_str_opr	BOBJ1	173.94	Before	Interior Girder 3	50.1	0.95	1	1	2.337572
HL93_str_opr	BOBJ1	173.94	Before	Interior Girder 4	50.1	0.95	1	1	2.337572
HL93_str_opr	BOBJ1	173.94	Before	Interior Girder 5	50.1	0.95	1	1	2.379957
HL93_str_opr	BOBJ1	173.94	Before	Interior Girder 6	50.1	0.95	1	1	2.590956
HL93_str_opr	BOBJ1	173.94	Before	Right Exterior Girder	50.1	0.95	1	1	3.331243
HL93_str_opr	BOBJ1	173.94	After	Left Exterior Girder	50.1	0.95	1	1	3.302104
HL93_str_opr	BOBJ1	173.94	After	Interior Girder 1	50.1	0.95	1	1	2.597765
HL93_str_opr	BOBJ1	173.94	After	Interior Girder 2	50.1	0.95	1	1	2.370558
HL93_str_opr	BOBJ1	173.94	After	Interior Girder 3	50.1	0.95	1	1	2.303355
HL93_str_opr	BOBJ1	173.94	After	Interior Girder 4	50.1	0.95	1	1	2.303355
HL93_str_opr	BOBJ1	173.94	After	Interior Girder 5	50.1	0.95	1	1	2.370558
HL93_str_opr	BOBJ1	173.94	After	Interior Girder 6	50.1	0.95	1	1	2.597765
HL93_str_opr	BOBJ1	173.94	After	Right Exterior Girder	50.1	0.95	1	1	3.302104
HL93_str_opr	BOBJ1	179.98	Before	Left Exterior Girder	56.14	0.95	1	1	3.700468
HL93_str_opr	BOBJ1	179.98	Before	Interior Girder 1	56.14	0.95	1	1	3.625941
HL93_str_opr	BOBJ1	179.98	Before	Interior Girder 2	56.14	0.95	1	1	3.428699
HL93_str_opr	BOBJ1	179.98	Before	Interior Girder 3	56.14	0.95	1	1	3.401918
HL93_str_opr	BOBJ1	179.98	Before	Interior Girder 4	56.14	0.95	1	1	3.401918
HL93_str_opr	BOBJ1	179.98	Before	Interior Girder 5	56.14	0.95	1	1	3.428699
HL93_str_opr	BOBJ1	179.98	Before	Interior Girder 6	56.14	0.95	1	1	3.625941
HL93_str_opr	BOBJ1	179.98	Before	Right Exterior Girder	56.14	0.95	1	1	3.700468
HL93_str_opr	BOBJ1	179.98	After	Left Exterior Girder	56.14	0.95	1	1	3.756735
HL93_str_opr	BOBJ1	179.98	After	Interior Girder 1	56.14	0.95	1	1	3.597318
HL93_str_opr	BOBJ1	179.98	After	Interior Girder 2	56.14	0.95	1	1	3.388008
HL93_str_opr	BOBJ1	179.98	After	Interior Girder 3	56.14	0.95	1	1	3.383439
HL93_str_opr	BOBJ1	179.98	After	Interior Girder 4	56.14	0.95	1	1	3.383439
HL93_str_opr	BOBJ1	179.98	After	Interior Girder 5	56.14	0.95	1	1	3.388008
HL93_str_opr	BOBJ1	179.98	After	Interior Girder 6	56.14	0.95	1	1	3.597318
HL93_str_opr	BOBJ1	179.98	After	Right Exterior Girder	56.14	0.95	1	1	3.756735
HL93_str_opr	BOBJ1	183.56	Before	Left Exterior Girder	59.72	0.95	1	1	2.667866
HL93_str_opr	BOBJ1	183.56	Before	Right Exterior Girder	59.72	0.95	1	1	2.667866
HL93_str_opr	BOBJ1	183.56	After	Left Exterior Girder	59.72	0.95	1	1	6.479813
HL93_str_opr	BOBJ1	183.56	After	Right Exterior Girder	59.72	0.95	1	1	6.479813
HL93_str_opr	BOBJ1	186.02	Before	Left Exterior Girder	62.18	0.95	1	1	5.412804
HL93_str_opr	BOBJ1	186.02	Before	Interior Girder 1	62.22	0.95	1	1	2.177696
HL93_str_opr	BOBJ1	186.02	Before	Interior Girder 2	62.22	0.95	1	1	2.105705
HL93_str_opr	BOBJ1	186.02	Before	Interior Girder 3	62.22	0.95	1	1	1.928759
HL93_str_opr	BOBJ1	186.02	Before	Interior Girder 4	62.22	0.95	1	1	1.928759
HL93_str_opr	BOBJ1	186.02	Before	Interior Girder 5	62.22	0.95	1	1	2.105705
HL93_str_opr	BOBJ1	186.02	Before	Interior Girder 6	62.22	0.95	1	1	2.177696
HL93_str_opr	BOBJ1	186.02	Before	Right Exterior Girder	62.18	0.95	1	1	5.412804
HL93_str_opr	BOBJ1	186.02	After	Left Exterior Girder	62.18	0.95	1	1	5.4542
HL93_str_opr	BOBJ1	186.02	After	Interior Girder 1	62.22	0.95	1	1	3.55538
HL93_str_opr	BOBJ1	186.02	After	Interior Girder 2	62.22	0.95	1	1	3.34856
HL93_str_opr	BOBJ1	186.02	After	Interior Girder 3	62.22	0.95	1	1	3.132425
HL93_str_opr	BOBJ1	186.02	After	Interior Girder 4	62.22	0.95	1	1	3.132425
HL93_str_opr	BOBJ1	186.02	After	Interior Girder 5	62.22	0.95	1	1	3.34856
HL93_str_opr	BOBJ1	186.02	After	Interior Girder 6	62.22	0.95	1	1	3.55538
HL93_str_opr	BOBJ1	186.02	After	Right Exterior Girder	62.18	0.95	1	1	5.4542
HL93_str_opr	BOBJ1	192.06	Before	Left Exterior Girder	68.22	0.95	1	1	2.576996
HL93_str_opr	BOBJ1	192.06	Before	Interior Girder 1	68.22	0.95	1	1	1.625719
HL93_str_opr	BOBJ1	192.06	Before	Interior Girder 2	68.22	0.95	1	1	1.587577
HL93_str_opr	BOBJ1	192.06	Before	Interior Girder 3	68.22	0.95	1	1	1.347893
HL93_str_opr	BOBJ1	192.06	Before	Interior Girder 4	68.22	0.95	1	1	1.347893
HL93_str_opr	BOBJ1	192.06	Before	Interior Girder 5	68.22	0.95	1	1	1.587577
HL93_str_opr	BOBJ1	192.06	Before	Interior Girder 6	68.22	0.95	1	1	1.625719
HL93_str_opr	BOBJ1	192.06	Before	Right Exterior Girder	68.22	0.95	1	1	2.576996
HL93_str_opr	BOBJ1	192.06	After	Left Exterior Girder	0	0.95	1	1	3.213527

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelINonCompStrgth-Flx - Approach, Span 12-1									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
HL93_str_opr	BOBJ1	192.06	After	Interior Girder 1	0	0.95	1	1	2.227697
HL93_str_opr	BOBJ1	192.06	After	Interior Girder 2	0	0.95	1	1	2.129887
HL93_str_opr	BOBJ1	192.06	After	Interior Girder 3	0	0.95	1	1	1.826072
HL93_str_opr	BOBJ1	192.06	After	Interior Girder 4	0	0.95	1	1	1.826072
HL93_str_opr	BOBJ1	192.06	After	Interior Girder 5	0	0.95	1	1	2.129887
HL93_str_opr	BOBJ1	192.06	After	Interior Girder 6	0	0.95	1	1	2.227697
HL93_str_opr	BOBJ1	192.06	After	Right Exterior Girder	0	0.95	1	1	3.213527
HL93_str_opr	BOBJ1	197.087	Before	Interior Girder 1	5.027	0.95	1	1	3.222881
HL93_str_opr	BOBJ1	197.087	Before	Interior Girder 2	5.027	0.95	1	1	3.050351
HL93_str_opr	BOBJ1	197.087	Before	Interior Girder 3	5.027	0.95	1	1	2.984961
HL93_str_opr	BOBJ1	197.087	Before	Interior Girder 4	5.027	0.95	1	1	2.984961
HL93_str_opr	BOBJ1	197.087	Before	Interior Girder 5	5.027	0.95	1	1	3.050351
HL93_str_opr	BOBJ1	197.087	Before	Interior Girder 6	5.027	0.95	1	1	3.222881
HL93_str_opr	BOBJ1	197.087	After	Interior Girder 1	5.027	0.95	1	1	2.001468
HL93_str_opr	BOBJ1	197.087	After	Interior Girder 2	5.027	0.95	1	1	1.906329
HL93_str_opr	BOBJ1	197.087	After	Interior Girder 3	5.027	0.95	1	1	1.850311
HL93_str_opr	BOBJ1	197.087	After	Interior Girder 4	5.027	0.95	1	1	1.850311
HL93_str_opr	BOBJ1	197.087	After	Interior Girder 5	5.027	0.95	1	1	1.906329
HL93_str_opr	BOBJ1	197.087	After	Interior Girder 6	5.027	0.95	1	1	2.001468
HL93_str_opr	BOBJ1	197.91	Before	Left Exterior Girder	5.85	0.95	1	1	4.762775
HL93_str_opr	BOBJ1	197.91	Before	Interior Girder 1	5.85	0.95	1	1	2.150615
HL93_str_opr	BOBJ1	197.91	Before	Interior Girder 2	5.85	0.95	1	1	2.023102
HL93_str_opr	BOBJ1	197.91	Before	Interior Girder 3	5.85	0.95	1	1	2.003008
HL93_str_opr	BOBJ1	197.91	Before	Interior Girder 4	5.85	0.95	1	1	2.003008
HL93_str_opr	BOBJ1	197.91	Before	Interior Girder 5	5.85	0.95	1	1	2.023102
HL93_str_opr	BOBJ1	197.91	Before	Interior Girder 6	5.85	0.95	1	1	2.150615
HL93_str_opr	BOBJ1	197.91	Before	Right Exterior Girder	5.85	0.95	1	1	4.762775
HL93_str_opr	BOBJ1	197.91	After	Left Exterior Girder	5.85	0.95	1	1	4.034848
HL93_str_opr	BOBJ1	197.91	After	Interior Girder 1	5.85	0.95	1	1	1.789469
HL93_str_opr	BOBJ1	197.91	After	Interior Girder 2	5.85	0.95	1	1	1.699365
HL93_str_opr	BOBJ1	197.91	After	Interior Girder 3	5.85	0.95	1	1	1.662571
HL93_str_opr	BOBJ1	197.91	After	Interior Girder 4	5.85	0.95	1	1	1.662571
HL93_str_opr	BOBJ1	197.91	After	Interior Girder 5	5.85	0.95	1	1	1.699365
HL93_str_opr	BOBJ1	197.91	After	Interior Girder 6	5.85	0.95	1	1	1.789469
HL93_str_opr	BOBJ1	197.91	After	Right Exterior Girder	5.85	0.95	1	1	4.034848
HL93_str_opr	BOBJ1	199.1816	Before	Left Exterior Girder	7.1216	0.95	1	1	4.36144
HL93_str_opr	BOBJ1	199.1816	Before	Right Exterior Girder	7.1216	0.95	1	1	4.36144
HL93_str_opr	BOBJ1	199.1816	After	Left Exterior Girder	7.1216	0.95	1	1	1.746684
HL93_str_opr	BOBJ1	199.1816	After	Right Exterior Girder	7.1216	0.95	1	1	1.746684
HL93_str_opr	BOBJ1	203.5267	Before	Left Exterior Girder	11.3107	0.95	1	1	2.543037
HL93_str_opr	BOBJ1	203.5267	Before	Interior Girder 1	11.3107	0.95	1	1	2.653338
HL93_str_opr	BOBJ1	203.5267	Before	Interior Girder 2	11.3107	0.95	1	1	2.508024
HL93_str_opr	BOBJ1	203.5267	Before	Interior Girder 3	11.3107	0.95	1	1	2.59948
HL93_str_opr	BOBJ1	203.5267	Before	Interior Girder 4	11.3107	0.95	1	1	2.59948
HL93_str_opr	BOBJ1	203.5267	Before	Interior Girder 5	11.3107	0.95	1	1	2.508024
HL93_str_opr	BOBJ1	203.5267	Before	Interior Girder 6	11.3107	0.95	1	1	2.653338
HL93_str_opr	BOBJ1	203.5267	Before	Right Exterior Girder	11.3107	0.95	1	1	2.543037
HL93_str_opr	BOBJ1	203.5267	After	Left Exterior Girder	11.3107	0.95	1	1	4.087782
HL93_str_opr	BOBJ1	203.5267	After	Interior Girder 1	11.3107	0.95	1	1	4.215101
HL93_str_opr	BOBJ1	203.5267	After	Interior Girder 2	11.3107	0.95	1	1	4.008554
HL93_str_opr	BOBJ1	203.5267	After	Interior Girder 3	11.3107	0.95	1	1	4.135215
HL93_str_opr	BOBJ1	203.5267	After	Interior Girder 4	11.3107	0.95	1	1	4.135215
HL93_str_opr	BOBJ1	203.5267	After	Interior Girder 5	11.3107	0.95	1	1	4.008554
HL93_str_opr	BOBJ1	203.5267	After	Interior Girder 6	11.3107	0.95	1	1	4.215101
HL93_str_opr	BOBJ1	203.5267	After	Right Exterior Girder	11.3107	0.95	1	1	4.087782
HL93_str_opr	BOBJ1	209.1433	Before	Left Exterior Girder	17.0833	0.95	1	1	4.470331
HL93_str_opr	BOBJ1	209.1433	Before	Interior Girder 1	17.0833	0.95	1	1	3.177191
HL93_str_opr	BOBJ1	209.1433	Before	Interior Girder 2	17.0833	0.95	1	1	2.98139
HL93_str_opr	BOBJ1	209.1433	Before	Interior Girder 3	17.0833	0.95	1	1	2.935746
HL93_str_opr	BOBJ1	209.1433	Before	Interior Girder 4	17.0833	0.95	1	1	2.935746
HL93_str_opr	BOBJ1	209.1433	Before	Interior Girder 5	17.0833	0.95	1	1	2.98139
HL93_str_opr	BOBJ1	209.1433	Before	Interior Girder 6	17.0833	0.95	1	1	3.177191
HL93_str_opr	BOBJ1	209.1433	Before	Right Exterior Girder	17.0833	0.95	1	1	4.470331
HL93_str_opr	BOBJ1	209.1433	After	Left Exterior Girder	17.0833	0.95	1	1	4.434038
HL93_str_opr	BOBJ1	209.1433	After	Interior Girder 1	17.0833	0.95	1	1	3.198051

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelINonCompStrgth-Flx - Approach, Span 12-1									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
HL93_str_opr	BOBJ1	209.1433	After	Interior Girder 2	17.0833	0.95	1	1	3.019273
HL93_str_opr	BOBJ1	209.1433	After	Interior Girder 3	17.0833	0.95	1	1	3.000311
HL93_str_opr	BOBJ1	209.1433	After	Interior Girder 4	17.0833	0.95	1	1	3.000311
HL93_str_opr	BOBJ1	209.1433	After	Interior Girder 5	17.0833	0.95	1	1	3.019273
HL93_str_opr	BOBJ1	209.1433	After	Interior Girder 6	17.0833	0.95	1	1	3.198051
HL93_str_opr	BOBJ1	209.1433	After	Right Exterior Girder	17.0833	0.95	1	1	4.434038
HL93_str_opr	BOBJ1	214.76	Before	Left Exterior Girder	22.7	0.95	1	1	3.087365
HL93_str_opr	BOBJ1	214.76	Before	Interior Girder 1	22.7	0.95	1	1	2.495956
HL93_str_opr	BOBJ1	214.76	Before	Interior Girder 2	22.7	0.95	1	1	2.34996
HL93_str_opr	BOBJ1	214.76	Before	Interior Girder 3	22.7	0.95	1	1	2.312936
HL93_str_opr	BOBJ1	214.76	Before	Interior Girder 4	22.7	0.95	1	1	2.312936
HL93_str_opr	BOBJ1	214.76	Before	Interior Girder 5	22.7	0.95	1	1	2.34996
HL93_str_opr	BOBJ1	214.76	Before	Interior Girder 6	22.7	0.95	1	1	2.495956
HL93_str_opr	BOBJ1	214.76	Before	Right Exterior Girder	22.7	0.95	1	1	3.087365
HL93_str_opr	BOBJ1	214.76	After	Left Exterior Girder	22.7	0.95	1	1	3.10598
HL93_str_opr	BOBJ1	214.76	After	Interior Girder 1	22.7	0.95	1	1	2.488505
HL93_str_opr	BOBJ1	214.76	After	Interior Girder 2	22.7	0.95	1	1	2.356665
HL93_str_opr	BOBJ1	214.76	After	Interior Girder 3	22.7	0.95	1	1	2.331515
HL93_str_opr	BOBJ1	214.76	After	Interior Girder 4	22.7	0.95	1	1	2.331515
HL93_str_opr	BOBJ1	214.76	After	Interior Girder 5	22.7	0.95	1	1	2.356665
HL93_str_opr	BOBJ1	214.76	After	Interior Girder 6	22.7	0.95	1	1	2.488505
HL93_str_opr	BOBJ1	214.76	After	Right Exterior Girder	22.7	0.95	1	1	3.10598
HL93_str_opr	BOBJ1	220.3767	Before	Left Exterior Girder	28.3167	0.95	1	1	2.752477
HL93_str_opr	BOBJ1	220.3767	Before	Interior Girder 1	28.3167	0.95	1	1	2.1074
HL93_str_opr	BOBJ1	220.3767	Before	Interior Girder 2	28.3167	0.95	1	1	2.011603
HL93_str_opr	BOBJ1	220.3767	Before	Interior Girder 3	28.3167	0.95	1	1	1.960537
HL93_str_opr	BOBJ1	220.3767	Before	Interior Girder 4	28.3167	0.95	1	1	1.960537
HL93_str_opr	BOBJ1	220.3767	Before	Interior Girder 5	28.3167	0.95	1	1	2.011603
HL93_str_opr	BOBJ1	220.3767	Before	Interior Girder 6	28.3167	0.95	1	1	2.1074
HL93_str_opr	BOBJ1	220.3767	Before	Right Exterior Girder	28.3167	0.95	1	1	2.752477
HL93_str_opr	BOBJ1	220.3767	After	Left Exterior Girder	28.3167	0.95	1	1	2.770035
HL93_str_opr	BOBJ1	220.3767	After	Interior Girder 1	28.3167	0.95	1	1	2.102105
HL93_str_opr	BOBJ1	220.3767	After	Interior Girder 2	28.3167	0.95	1	1	2.010438
HL93_str_opr	BOBJ1	220.3767	After	Interior Girder 3	28.3167	0.95	1	1	1.968563
HL93_str_opr	BOBJ1	220.3767	After	Interior Girder 4	28.3167	0.95	1	1	1.968563
HL93_str_opr	BOBJ1	220.3767	After	Interior Girder 5	28.3167	0.95	1	1	2.010438
HL93_str_opr	BOBJ1	220.3767	After	Interior Girder 6	28.3167	0.95	1	1	2.102105
HL93_str_opr	BOBJ1	220.3767	After	Right Exterior Girder	28.3167	0.95	1	1	2.770035
HL93_str_opr	BOBJ1	225.9933	Before	Left Exterior Girder	33.9333	0.95	1	1	2.666004
HL93_str_opr	BOBJ1	225.9933	Before	Interior Girder 1	33.9333	0.95	1	1	2.024544
HL93_str_opr	BOBJ1	225.9933	Before	Interior Girder 2	33.9333	0.95	1	1	1.945911
HL93_str_opr	BOBJ1	225.9933	Before	Interior Girder 3	33.9333	0.95	1	1	1.899886
HL93_str_opr	BOBJ1	225.9933	Before	Interior Girder 4	33.9333	0.95	1	1	1.899886
HL93_str_opr	BOBJ1	225.9933	Before	Interior Girder 5	33.9333	0.95	1	1	1.945911
HL93_str_opr	BOBJ1	225.9933	Before	Interior Girder 6	33.9333	0.95	1	1	2.024544
HL93_str_opr	BOBJ1	225.9933	Before	Right Exterior Girder	33.9333	0.95	1	1	2.666004
HL93_str_opr	BOBJ1	225.9933	After	Left Exterior Girder	33.9333	0.95	1	1	2.646817
HL93_str_opr	BOBJ1	225.9933	After	Interior Girder 1	33.9333	0.95	1	1	2.031577
HL93_str_opr	BOBJ1	225.9933	After	Interior Girder 2	33.9333	0.95	1	1	1.943488
HL93_str_opr	BOBJ1	225.9933	After	Interior Girder 3	33.9333	0.95	1	1	1.890837
HL93_str_opr	BOBJ1	225.9933	After	Interior Girder 4	33.9333	0.95	1	1	1.890837
HL93_str_opr	BOBJ1	225.9933	After	Interior Girder 5	33.9333	0.95	1	1	1.943488
HL93_str_opr	BOBJ1	225.9933	After	Interior Girder 6	33.9333	0.95	1	1	2.031577
HL93_str_opr	BOBJ1	225.9933	After	Right Exterior Girder	33.9333	0.95	1	1	2.646817
HL93_str_opr	BOBJ1	231.61	Before	Left Exterior Girder	39.55	0.95	1	1	2.831899
HL93_str_opr	BOBJ1	231.61	Before	Interior Girder 1	39.55	0.95	1	1	2.270471
HL93_str_opr	BOBJ1	231.61	Before	Interior Girder 2	39.55	0.95	1	1	2.16297
HL93_str_opr	BOBJ1	231.61	Before	Interior Girder 3	39.55	0.95	1	1	2.112344
HL93_str_opr	BOBJ1	231.61	Before	Interior Girder 4	39.55	0.95	1	1	2.112344
HL93_str_opr	BOBJ1	231.61	Before	Interior Girder 5	39.55	0.95	1	1	2.16297
HL93_str_opr	BOBJ1	231.61	Before	Interior Girder 6	39.55	0.95	1	1	2.270471
HL93_str_opr	BOBJ1	231.61	Before	Right Exterior Girder	39.55	0.95	1	1	2.831899
HL93_str_opr	BOBJ1	231.61	After	Left Exterior Girder	39.55	0.95	1	1	2.826001
HL93_str_opr	BOBJ1	231.61	After	Interior Girder 1	39.55	0.95	1	1	2.271799
HL93_str_opr	BOBJ1	231.61	After	Interior Girder 2	39.55	0.95	1	1	2.146116

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelINonCompStrgth-Flx - Approach, Span 12-1									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
HL93_str_opr	BOBJ1	231.61	After	Interior Girder 3	39.55	0.95	1	1	2.081997
HL93_str_opr	BOBJ1	231.61	After	Interior Girder 4	39.55	0.95	1	1	2.081997
HL93_str_opr	BOBJ1	231.61	After	Interior Girder 5	39.55	0.95	1	1	2.146116
HL93_str_opr	BOBJ1	231.61	After	Interior Girder 6	39.55	0.95	1	1	2.271799
HL93_str_opr	BOBJ1	231.61	After	Right Exterior Girder	39.55	0.95	1	1	2.826001
HL93_str_opr	BOBJ1	237.37	Before	Left Exterior Girder	45.31	0.95	1	1	3.85886
HL93_str_opr	BOBJ1	237.37	Before	Interior Girder 1	45.31	0.95	1	1	2.73434
HL93_str_opr	BOBJ1	237.37	Before	Interior Girder 2	45.31	0.95	1	1	2.616869
HL93_str_opr	BOBJ1	237.37	Before	Interior Girder 3	45.31	0.95	1	1	2.517742
HL93_str_opr	BOBJ1	237.37	Before	Interior Girder 4	45.31	0.95	1	1	2.517742
HL93_str_opr	BOBJ1	237.37	Before	Interior Girder 5	45.31	0.95	1	1	2.616869
HL93_str_opr	BOBJ1	237.37	Before	Interior Girder 6	45.31	0.95	1	1	2.73434
HL93_str_opr	BOBJ1	237.37	Before	Right Exterior Girder	45.31	0.95	1	1	3.85886
HL93_str_opr	BOBJ1	237.37	After	Left Exterior Girder	45.31	0.95	1	1	3.890288
HL93_str_opr	BOBJ1	237.37	After	Interior Girder 1	45.31	0.95	1	1	2.721009
HL93_str_opr	BOBJ1	237.37	After	Interior Girder 2	45.31	0.95	1	1	2.566814
HL93_str_opr	BOBJ1	237.37	After	Interior Girder 3	45.31	0.95	1	1	2.442661
HL93_str_opr	BOBJ1	237.37	After	Interior Girder 4	45.31	0.95	1	1	2.442661
HL93_str_opr	BOBJ1	237.37	After	Interior Girder 5	45.31	0.95	1	1	2.566814
HL93_str_opr	BOBJ1	237.37	After	Interior Girder 6	45.31	0.95	1	1	2.721009
HL93_str_opr	BOBJ1	237.37	After	Right Exterior Girder	45.31	0.95	1	1	3.890288
HL93_str_opr	BOBJ1	243.13	Before	Left Exterior Girder	51.07	0.95	1	1	7.553645
HL93_str_opr	BOBJ1	243.13	Before	Interior Girder 1	51.07	0.95	1	1	4.601171
HL93_str_opr	BOBJ1	243.13	Before	Interior Girder 2	51.07	0.95	1	1	4.416866
HL93_str_opr	BOBJ1	243.13	Before	Interior Girder 3	51.07	0.95	1	1	4.000513
HL93_str_opr	BOBJ1	243.13	Before	Interior Girder 4	51.07	0.95	1	1	4.000513
HL93_str_opr	BOBJ1	243.13	Before	Interior Girder 5	51.07	0.95	1	1	4.416866
HL93_str_opr	BOBJ1	243.13	Before	Interior Girder 6	51.07	0.95	1	1	4.601171
HL93_str_opr	BOBJ1	243.13	Before	Right Exterior Girder	51.07	0.95	1	1	7.553645
HL93_str_opr	BOBJ1	243.13	After	Left Exterior Girder	51.07	0.95	1	1	7.511657
HL93_str_opr	BOBJ1	243.13	After	Interior Girder 1	51.07	0.95	1	1	4.557376
HL93_str_opr	BOBJ1	243.13	After	Interior Girder 2	51.07	0.95	1	1	4.319874
HL93_str_opr	BOBJ1	243.13	After	Interior Girder 3	51.07	0.95	1	1	3.799518
HL93_str_opr	BOBJ1	243.13	After	Interior Girder 4	51.07	0.95	1	1	3.799518
HL93_str_opr	BOBJ1	243.13	After	Interior Girder 5	51.07	0.95	1	1	4.319874
HL93_str_opr	BOBJ1	243.13	After	Interior Girder 6	51.07	0.95	1	1	4.557376
HL93_str_opr	BOBJ1	243.13	After	Right Exterior Girder	51.07	0.95	1	1	7.511657
HL93_str_opr	BOBJ1	248.89	Before	Left Exterior Girder	56.83	0.95	1	1	382.764405
HL93_str_opr	BOBJ1	248.89	Before	Interior Girder 1	56.83	0.95	1	1	348.110868
HL93_str_opr	BOBJ1	248.89	Before	Interior Girder 2	56.83	0.95	1	1	224.941507
HL93_str_opr	BOBJ1	248.89	Before	Interior Girder 3	56.83	0.95	1	1	176.232034
HL93_str_opr	BOBJ1	248.89	Before	Interior Girder 4	56.83	0.95	1	1	176.232034
HL93_str_opr	BOBJ1	248.89	Before	Interior Girder 5	56.83	0.95	1	1	224.941507
HL93_str_opr	BOBJ1	248.89	Before	Interior Girder 6	56.83	0.95	1	1	348.110868
HL93_str_opr	BOBJ1	248.89	Before	Right Exterior Girder	56.83	0.95	1	1	382.764405
HL93_str_inv	BOBJ1	0	After	Left Exterior Girder	0	0.95	1	1	173.910023
HL93_str_inv	BOBJ1	0	After	Interior Girder 1	0	0.95	1	1	166.12758
HL93_str_inv	BOBJ1	0	After	Interior Girder 2	0	0.95	1	1	122.787743
HL93_str_inv	BOBJ1	0	After	Interior Girder 3	0	0.95	1	1	99.283129
HL93_str_inv	BOBJ1	0	After	Interior Girder 4	0	0.95	1	1	99.283129
HL93_str_inv	BOBJ1	0	After	Interior Girder 5	0	0.95	1	1	122.787743
HL93_str_inv	BOBJ1	0	After	Interior Girder 6	0	0.95	1	1	166.12758
HL93_str_inv	BOBJ1	0	After	Right Exterior Girder	0	0.95	1	1	173.910023
HL93_str_inv	BOBJ1	5.85	Before	Left Exterior Girder	5.85	0.95	1	1	4.117559
HL93_str_inv	BOBJ1	5.85	Before	Interior Girder 1	5.85	0.95	1	1	2.904879
HL93_str_inv	BOBJ1	5.85	Before	Interior Girder 2	5.85	0.95	1	1	2.715117
HL93_str_inv	BOBJ1	5.85	Before	Interior Girder 3	5.85	0.95	1	1	2.432228
HL93_str_inv	BOBJ1	5.85	Before	Interior Girder 4	5.85	0.95	1	1	2.432228
HL93_str_inv	BOBJ1	5.85	Before	Interior Girder 5	5.85	0.95	1	1	2.715117
HL93_str_inv	BOBJ1	5.85	Before	Interior Girder 6	5.85	0.95	1	1	2.904879
HL93_str_inv	BOBJ1	5.85	Before	Right Exterior Girder	5.85	0.95	1	1	4.117559
HL93_str_inv	BOBJ1	5.85	After	Left Exterior Girder	5.85	0.95	1	1	4.136672
HL93_str_inv	BOBJ1	5.85	After	Interior Girder 1	5.85	0.95	1	1	2.905288
HL93_str_inv	BOBJ1	5.85	After	Interior Girder 2	5.85	0.95	1	1	2.756095
HL93_str_inv	BOBJ1	5.85	After	Interior Girder 3	5.85	0.95	1	1	2.544811

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelINonCompStrgth-Flx - Approach, Span 12-1									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
HL93_str_inv	BOBJ1	5.85	After	Interior Girder 4	5.85	0.95	1	1	2.544811
HL93_str_inv	BOBJ1	5.85	After	Interior Girder 5	5.85	0.95	1	1	2.756095
HL93_str_inv	BOBJ1	5.85	After	Interior Girder 6	5.85	0.95	1	1	2.905288
HL93_str_inv	BOBJ1	5.85	After	Right Exterior Girder	5.85	0.95	1	1	4.136672
HL93_str_inv	BOBJ1	11.4667	Before	Left Exterior Girder	11.4667	0.95	1	1	2.277887
HL93_str_inv	BOBJ1	11.4667	Before	Interior Girder 1	11.4667	0.95	1	1	1.633222
HL93_str_inv	BOBJ1	11.4667	Before	Interior Girder 2	11.4667	0.95	1	1	1.551617
HL93_str_inv	BOBJ1	11.4667	Before	Interior Girder 3	11.4667	0.95	1	1	1.467938
HL93_str_inv	BOBJ1	11.4667	Before	Interior Girder 4	11.4667	0.95	1	1	1.467938
HL93_str_inv	BOBJ1	11.4667	Before	Interior Girder 5	11.4667	0.95	1	1	1.551617
HL93_str_inv	BOBJ1	11.4667	Before	Interior Girder 6	11.4667	0.95	1	1	1.633222
HL93_str_inv	BOBJ1	11.4667	Before	Right Exterior Girder	11.4667	0.95	1	1	2.277887
HL93_str_inv	BOBJ1	11.4667	After	Left Exterior Girder	11.4667	0.95	1	1	2.300616
HL93_str_inv	BOBJ1	11.4667	After	Interior Girder 1	11.4667	0.95	1	1	1.621601
HL93_str_inv	BOBJ1	11.4667	After	Interior Girder 2	11.4667	0.95	1	1	1.567099
HL93_str_inv	BOBJ1	11.4667	After	Interior Girder 3	11.4667	0.95	1	1	1.502349
HL93_str_inv	BOBJ1	11.4667	After	Interior Girder 4	11.4667	0.95	1	1	1.502349
HL93_str_inv	BOBJ1	11.4667	After	Interior Girder 5	11.4667	0.95	1	1	1.567099
HL93_str_inv	BOBJ1	11.4667	After	Interior Girder 6	11.4667	0.95	1	1	1.621601
HL93_str_inv	BOBJ1	11.4667	After	Right Exterior Girder	11.4667	0.95	1	1	2.300616
HL93_str_inv	BOBJ1	17.0833	Before	Left Exterior Girder	17.0833	0.95	1	1	1.715877
HL93_str_inv	BOBJ1	17.0833	Before	Interior Girder 1	17.0833	0.95	1	1	1.30945
HL93_str_inv	BOBJ1	17.0833	Before	Interior Girder 2	17.0833	0.95	1	1	1.256828
HL93_str_inv	BOBJ1	17.0833	Before	Interior Girder 3	17.0833	0.95	1	1	1.216114
HL93_str_inv	BOBJ1	17.0833	Before	Interior Girder 4	17.0833	0.95	1	1	1.216114
HL93_str_inv	BOBJ1	17.0833	Before	Interior Girder 5	17.0833	0.95	1	1	1.256828
HL93_str_inv	BOBJ1	17.0833	Before	Interior Girder 6	17.0833	0.95	1	1	1.30945
HL93_str_inv	BOBJ1	17.0833	Before	Right Exterior Girder	17.0833	0.95	1	1	1.715877
HL93_str_inv	BOBJ1	17.0833	After	Left Exterior Girder	17.0833	0.95	1	1	1.712304
HL93_str_inv	BOBJ1	17.0833	After	Interior Girder 1	17.0833	0.95	1	1	1.312736
HL93_str_inv	BOBJ1	17.0833	After	Interior Girder 2	17.0833	0.95	1	1	1.271043
HL93_str_inv	BOBJ1	17.0833	After	Interior Girder 3	17.0833	0.95	1	1	1.236593
HL93_str_inv	BOBJ1	17.0833	After	Interior Girder 4	17.0833	0.95	1	1	1.236593
HL93_str_inv	BOBJ1	17.0833	After	Interior Girder 5	17.0833	0.95	1	1	1.271043
HL93_str_inv	BOBJ1	17.0833	After	Interior Girder 6	17.0833	0.95	1	1	1.312736
HL93_str_inv	BOBJ1	17.0833	After	Right Exterior Girder	17.0833	0.95	1	1	1.712304
HL93_str_inv	BOBJ1	22.7	Before	Left Exterior Girder	22.7	0.95	1	1	1.498712
HL93_str_inv	BOBJ1	22.7	Before	Interior Girder 1	22.7	0.95	1	1	1.253408
HL93_str_inv	BOBJ1	22.7	Before	Interior Girder 2	22.7	0.95	1	1	1.205236
HL93_str_inv	BOBJ1	22.7	Before	Interior Girder 3	22.7	0.95	1	1	1.183859
HL93_str_inv	BOBJ1	22.7	Before	Interior Girder 4	22.7	0.95	1	1	1.183859
HL93_str_inv	BOBJ1	22.7	Before	Interior Girder 5	22.7	0.95	1	1	1.205236
HL93_str_inv	BOBJ1	22.7	Before	Interior Girder 6	22.7	0.95	1	1	1.253408
HL93_str_inv	BOBJ1	22.7	Before	Right Exterior Girder	22.7	0.95	1	1	1.498712
HL93_str_inv	BOBJ1	22.7	After	Left Exterior Girder	22.7	0.95	1	1	1.503624
HL93_str_inv	BOBJ1	22.7	After	Interior Girder 1	22.7	0.95	1	1	1.251231
HL93_str_inv	BOBJ1	22.7	After	Interior Girder 2	22.7	0.95	1	1	1.207246
HL93_str_inv	BOBJ1	22.7	After	Interior Girder 3	22.7	0.95	1	1	1.188768
HL93_str_inv	BOBJ1	22.7	After	Interior Girder 4	22.7	0.95	1	1	1.188768
HL93_str_inv	BOBJ1	22.7	After	Interior Girder 5	22.7	0.95	1	1	1.207246
HL93_str_inv	BOBJ1	22.7	After	Interior Girder 6	22.7	0.95	1	1	1.251231
HL93_str_inv	BOBJ1	22.7	After	Right Exterior Girder	22.7	0.95	1	1	1.503624
HL93_str_inv	BOBJ1	28.3167	Before	Left Exterior Girder	28.3167	0.95	1	1	1.638689
HL93_str_inv	BOBJ1	28.3167	Before	Interior Girder 1	28.3167	0.95	1	1	1.274254
HL93_str_inv	BOBJ1	28.3167	Before	Interior Girder 2	28.3167	0.95	1	1	1.22766
HL93_str_inv	BOBJ1	28.3167	Before	Interior Girder 3	28.3167	0.95	1	1	1.205247
HL93_str_inv	BOBJ1	28.3167	Before	Interior Girder 4	28.3167	0.95	1	1	1.205247
HL93_str_inv	BOBJ1	28.3167	Before	Interior Girder 5	28.3167	0.95	1	1	1.22766
HL93_str_inv	BOBJ1	28.3167	Before	Interior Girder 6	28.3167	0.95	1	1	1.274254
HL93_str_inv	BOBJ1	28.3167	Before	Right Exterior Girder	28.3167	0.95	1	1	1.638689
HL93_str_inv	BOBJ1	28.3167	After	Left Exterior Girder	28.3167	0.95	1	1	1.645676
HL93_str_inv	BOBJ1	28.3167	After	Interior Girder 1	28.3167	0.95	1	1	1.267366
HL93_str_inv	BOBJ1	28.3167	After	Interior Girder 2	28.3167	0.95	1	1	1.219769
HL93_str_inv	BOBJ1	28.3167	After	Interior Girder 3	28.3167	0.95	1	1	1.19191
HL93_str_inv	BOBJ1	28.3167	After	Interior Girder 4	28.3167	0.95	1	1	1.19191

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelINonCompStrgth-Flx - Approach, Span 12-1									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
HL93_str_inv	BOBJ1	28.3167	After	Interior Girder 5	28.3167	0.95	1	1	1.219769
HL93_str_inv	BOBJ1	28.3167	After	Interior Girder 6	28.3167	0.95	1	1	1.267366
HL93_str_inv	BOBJ1	28.3167	After	Right Exterior Girder	28.3167	0.95	1	1	1.645676
HL93_str_inv	BOBJ1	33.9333	Before	Left Exterior Girder	33.9333	0.95	1	1	1.992148
HL93_str_inv	BOBJ1	33.9333	Before	Interior Girder 1	33.9333	0.95	1	1	1.477148
HL93_str_inv	BOBJ1	33.9333	Before	Interior Girder 2	33.9333	0.95	1	1	1.418318
HL93_str_inv	BOBJ1	33.9333	Before	Interior Girder 3	33.9333	0.95	1	1	1.39874
HL93_str_inv	BOBJ1	33.9333	Before	Interior Girder 4	33.9333	0.95	1	1	1.39874
HL93_str_inv	BOBJ1	33.9333	Before	Interior Girder 5	33.9333	0.95	1	1	1.418318
HL93_str_inv	BOBJ1	33.9333	Before	Interior Girder 6	33.9333	0.95	1	1	1.477148
HL93_str_inv	BOBJ1	33.9333	Before	Right Exterior Girder	33.9333	0.95	1	1	1.992148
HL93_str_inv	BOBJ1	33.9333	After	Left Exterior Girder	33.9333	0.95	1	1	1.967249
HL93_str_inv	BOBJ1	33.9333	After	Interior Girder 1	33.9333	0.95	1	1	1.486964
HL93_str_inv	BOBJ1	33.9333	After	Interior Girder 2	33.9333	0.95	1	1	1.418166
HL93_str_inv	BOBJ1	33.9333	After	Interior Girder 3	33.9333	0.95	1	1	1.384952
HL93_str_inv	BOBJ1	33.9333	After	Interior Girder 4	33.9333	0.95	1	1	1.384952
HL93_str_inv	BOBJ1	33.9333	After	Interior Girder 5	33.9333	0.95	1	1	1.418166
HL93_str_inv	BOBJ1	33.9333	After	Interior Girder 6	33.9333	0.95	1	1	1.486964
HL93_str_inv	BOBJ1	33.9333	After	Right Exterior Girder	33.9333	0.95	1	1	1.967249
HL93_str_inv	BOBJ1	39.55	Before	Left Exterior Girder	39.55	0.95	1	1	2.729787
HL93_str_inv	BOBJ1	39.55	Before	Interior Girder 1	39.55	0.95	1	1	2.120925
HL93_str_inv	BOBJ1	39.55	Before	Interior Girder 2	39.55	0.95	1	1	1.982531
HL93_str_inv	BOBJ1	39.55	Before	Interior Girder 3	39.55	0.95	1	1	1.969244
HL93_str_inv	BOBJ1	39.55	Before	Interior Girder 4	39.55	0.95	1	1	1.969244
HL93_str_inv	BOBJ1	39.55	Before	Interior Girder 5	39.55	0.95	1	1	1.982531
HL93_str_inv	BOBJ1	39.55	Before	Interior Girder 6	39.55	0.95	1	1	2.120925
HL93_str_inv	BOBJ1	39.55	Before	Right Exterior Girder	39.55	0.95	1	1	2.729787
HL93_str_inv	BOBJ1	39.55	After	Left Exterior Girder	39.55	0.95	1	1	2.718876
HL93_str_inv	BOBJ1	39.55	After	Interior Girder 1	39.55	0.95	1	1	2.123692
HL93_str_inv	BOBJ1	39.55	After	Interior Girder 2	39.55	0.95	1	1	1.970799
HL93_str_inv	BOBJ1	39.55	After	Interior Girder 3	39.55	0.95	1	1	1.933568
HL93_str_inv	BOBJ1	39.55	After	Interior Girder 4	39.55	0.95	1	1	1.933568
HL93_str_inv	BOBJ1	39.55	After	Interior Girder 5	39.55	0.95	1	1	1.970799
HL93_str_inv	BOBJ1	39.55	After	Interior Girder 6	39.55	0.95	1	1	2.123692
HL93_str_inv	BOBJ1	39.55	After	Right Exterior Girder	39.55	0.95	1	1	2.718876
HL93_str_inv	BOBJ1	45.1733	Before	Left Exterior Girder	45.1226	0.95	1	1	2.623562
HL93_str_inv	BOBJ1	45.1733	Before	Interior Girder 1	45.1226	0.95	1	1	2.655169
HL93_str_inv	BOBJ1	45.1733	Before	Interior Girder 2	45.1226	0.95	1	1	2.544624
HL93_str_inv	BOBJ1	45.1733	Before	Interior Girder 3	45.1226	0.95	1	1	2.603348
HL93_str_inv	BOBJ1	45.1733	Before	Interior Girder 4	45.1226	0.95	1	1	2.603348
HL93_str_inv	BOBJ1	45.1733	Before	Interior Girder 5	45.1226	0.95	1	1	2.544624
HL93_str_inv	BOBJ1	45.1733	Before	Interior Girder 6	45.1226	0.95	1	1	2.655169
HL93_str_inv	BOBJ1	45.1733	Before	Right Exterior Girder	45.1226	0.95	1	1	2.623562
HL93_str_inv	BOBJ1	45.1733	After	Left Exterior Girder	45.1226	0.95	1	1	2.101633
HL93_str_inv	BOBJ1	45.1733	After	Interior Girder 1	45.1226	0.95	1	1	2.116918
HL93_str_inv	BOBJ1	45.1733	After	Interior Girder 2	45.1226	0.95	1	1	2.026081
HL93_str_inv	BOBJ1	45.1733	After	Interior Girder 3	45.1226	0.95	1	1	2.076424
HL93_str_inv	BOBJ1	45.1733	After	Interior Girder 4	45.1226	0.95	1	1	2.076424
HL93_str_inv	BOBJ1	45.1733	After	Interior Girder 5	45.1226	0.95	1	1	2.026081
HL93_str_inv	BOBJ1	45.1733	After	Interior Girder 6	45.1226	0.95	1	1	2.116918
HL93_str_inv	BOBJ1	45.1733	After	Right Exterior Girder	45.1226	0.95	1	1	2.101633
HL93_str_inv	BOBJ1	49.2561	Before	Left Exterior Girder	49.2561	0.95	1	1	1.463031
HL93_str_inv	BOBJ1	49.2561	Before	Right Exterior Girder	49.2561	0.95	1	1	1.463031
HL93_str_inv	BOBJ1	49.2561	After	Left Exterior Girder	49.2561	0.95	1	1	1.490013
HL93_str_inv	BOBJ1	49.2561	After	Right Exterior Girder	49.2561	0.95	1	1	1.490013
HL93_str_inv	BOBJ1	50.7967	Before	Left Exterior Girder	50.7967	0.95	1	1	3.073191
HL93_str_inv	BOBJ1	50.7967	Before	Interior Girder 1	50.7967	0.95	1	1	1.421309
HL93_str_inv	BOBJ1	50.7967	Before	Interior Girder 2	50.7967	0.95	1	1	1.369038
HL93_str_inv	BOBJ1	50.7967	Before	Interior Girder 3	50.7967	0.95	1	1	1.293818
HL93_str_inv	BOBJ1	50.7967	Before	Interior Girder 4	50.7967	0.95	1	1	1.293818
HL93_str_inv	BOBJ1	50.7967	Before	Interior Girder 5	50.7967	0.95	1	1	1.369038
HL93_str_inv	BOBJ1	50.7967	Before	Interior Girder 6	50.7967	0.95	1	1	1.421309
HL93_str_inv	BOBJ1	50.7967	Before	Right Exterior Girder	50.7967	0.95	1	1	3.073191
HL93_str_inv	BOBJ1	50.7967	After	Left Exterior Girder	50.7967	0.95	1	1	3.055165
HL93_str_inv	BOBJ1	50.7967	After	Interior Girder 1	50.7967	0.95	1	1	1.417736

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelINonCompStrgth-Flx - Approach, Span 12-1									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
HL93_str_inv	BOBJ1	50.7967	After	Interior Girder 2	50.7967	0.95	1	1	1.362334
HL93_str_inv	BOBJ1	50.7967	After	Interior Girder 3	50.7967	0.95	1	1	1.294381
HL93_str_inv	BOBJ1	50.7967	After	Interior Girder 4	50.7967	0.95	1	1	1.294381
HL93_str_inv	BOBJ1	50.7967	After	Interior Girder 5	50.7967	0.95	1	1	1.362334
HL93_str_inv	BOBJ1	50.7967	After	Interior Girder 6	50.7967	0.95	1	1	1.417736
HL93_str_inv	BOBJ1	50.7967	After	Right Exterior Girder	50.7967	0.95	1	1	3.055165
HL93_str_inv	BOBJ1	51.3989	Before	Interior Girder 1	51.3989	0.95	1	1	1.333212
HL93_str_inv	BOBJ1	51.3989	Before	Interior Girder 2	51.3989	0.95	1	1	1.294989
HL93_str_inv	BOBJ1	51.3989	Before	Interior Girder 3	51.3989	0.95	1	1	1.217045
HL93_str_inv	BOBJ1	51.3989	Before	Interior Girder 4	51.3989	0.95	1	1	1.217045
HL93_str_inv	BOBJ1	51.3989	Before	Interior Girder 5	51.3989	0.95	1	1	1.294989
HL93_str_inv	BOBJ1	51.3989	Before	Interior Girder 6	51.3989	0.95	1	1	1.333212
HL93_str_inv	BOBJ1	51.3989	After	Interior Girder 1	51.3989	0.95	1	1	2.043405
HL93_str_inv	BOBJ1	51.3989	After	Interior Girder 2	51.3989	0.95	1	1	1.959835
HL93_str_inv	BOBJ1	51.3989	After	Interior Girder 3	51.3989	0.95	1	1	1.869594
HL93_str_inv	BOBJ1	51.3989	After	Interior Girder 4	51.3989	0.95	1	1	1.869594
HL93_str_inv	BOBJ1	51.3989	After	Interior Girder 5	51.3989	0.95	1	1	1.959835
HL93_str_inv	BOBJ1	51.3989	After	Interior Girder 6	51.3989	0.95	1	1	2.043405
HL93_str_inv	BOBJ1	56.42	Before	Left Exterior Girder	56.42	0.95	1	1	1.984835
HL93_str_inv	BOBJ1	56.42	Before	Interior Girder 1	56.42	0.95	1	1	1.310405
HL93_str_inv	BOBJ1	56.42	Before	Interior Girder 2	56.42	0.95	1	1	1.2729
HL93_str_inv	BOBJ1	56.42	Before	Interior Girder 3	56.42	0.95	1	1	1.080099
HL93_str_inv	BOBJ1	56.42	Before	Interior Girder 4	56.42	0.95	1	1	1.080099
HL93_str_inv	BOBJ1	56.42	Before	Interior Girder 5	56.42	0.95	1	1	1.2729
HL93_str_inv	BOBJ1	56.42	Before	Interior Girder 6	56.42	0.95	1	1	1.310405
HL93_str_inv	BOBJ1	56.42	Before	Right Exterior Girder	56.42	0.95	1	1	1.984835
HL93_str_inv	BOBJ1	56.42	After	Left Exterior Girder	0	0.95	1	1	2.014624
HL93_str_inv	BOBJ1	56.42	After	Interior Girder 1	0	0.95	1	1	1.243539
HL93_str_inv	BOBJ1	56.42	After	Interior Girder 2	0	0.95	1	1	1.217968
HL93_str_inv	BOBJ1	56.42	After	Interior Girder 3	0	0.95	1	1	1.03436
HL93_str_inv	BOBJ1	56.42	After	Interior Girder 4	0	0.95	1	1	1.03436
HL93_str_inv	BOBJ1	56.42	After	Interior Girder 5	0	0.95	1	1	1.217968
HL93_str_inv	BOBJ1	56.42	After	Interior Girder 6	0	0.95	1	1	1.243539
HL93_str_inv	BOBJ1	56.42	After	Right Exterior Girder	0	0.95	1	1	2.014624
HL93_str_inv	BOBJ1	62.0367	Before	Left Exterior Girder	5.6167	0.95	1	1	3.770479
HL93_str_inv	BOBJ1	62.0367	Before	Interior Girder 1	5.6167	0.95	1	1	2.478516
HL93_str_inv	BOBJ1	62.0367	Before	Interior Girder 2	5.6167	0.95	1	1	2.342371
HL93_str_inv	BOBJ1	62.0367	Before	Interior Girder 3	5.6167	0.95	1	1	2.192801
HL93_str_inv	BOBJ1	62.0367	Before	Interior Girder 4	5.6167	0.95	1	1	2.192801
HL93_str_inv	BOBJ1	62.0367	Before	Interior Girder 5	5.6167	0.95	1	1	2.342371
HL93_str_inv	BOBJ1	62.0367	Before	Interior Girder 6	5.6167	0.95	1	1	2.478516
HL93_str_inv	BOBJ1	62.0367	Before	Right Exterior Girder	5.6167	0.95	1	1	3.770479
HL93_str_inv	BOBJ1	62.0367	After	Left Exterior Girder	5.6167	0.95	1	1	3.706512
HL93_str_inv	BOBJ1	62.0367	After	Interior Girder 1	5.6167	0.95	1	1	2.529837
HL93_str_inv	BOBJ1	62.0367	After	Interior Girder 2	5.6167	0.95	1	1	2.374914
HL93_str_inv	BOBJ1	62.0367	After	Interior Girder 3	5.6167	0.95	1	1	2.22012
HL93_str_inv	BOBJ1	62.0367	After	Interior Girder 4	5.6167	0.95	1	1	2.22012
HL93_str_inv	BOBJ1	62.0367	After	Interior Girder 5	5.6167	0.95	1	1	2.374914
HL93_str_inv	BOBJ1	62.0367	After	Interior Girder 6	5.6167	0.95	1	1	2.529837
HL93_str_inv	BOBJ1	62.0367	After	Right Exterior Girder	5.6167	0.95	1	1	3.706512
HL93_str_inv	BOBJ1	62.4203	Before	Interior Girder 1	6.0003	0.95	1	1	2.613349
HL93_str_inv	BOBJ1	62.4203	Before	Interior Girder 2	6.0003	0.95	1	1	2.442315
HL93_str_inv	BOBJ1	62.4203	Before	Interior Girder 3	6.0003	0.95	1	1	2.295806
HL93_str_inv	BOBJ1	62.4203	Before	Interior Girder 4	6.0003	0.95	1	1	2.295806
HL93_str_inv	BOBJ1	62.4203	Before	Interior Girder 5	6.0003	0.95	1	1	2.442315
HL93_str_inv	BOBJ1	62.4203	Before	Interior Girder 6	6.0003	0.95	1	1	2.613349
HL93_str_inv	BOBJ1	62.4203	After	Interior Girder 1	6.0003	0.95	1	1	1.711912
HL93_str_inv	BOBJ1	62.4203	After	Interior Girder 2	6.0003	0.95	1	1	1.623124
HL93_str_inv	BOBJ1	62.4203	After	Interior Girder 3	6.0003	0.95	1	1	1.500567
HL93_str_inv	BOBJ1	62.4203	After	Interior Girder 4	6.0003	0.95	1	1	1.500567
HL93_str_inv	BOBJ1	62.4203	After	Interior Girder 5	6.0003	0.95	1	1	1.623124
HL93_str_inv	BOBJ1	62.4203	After	Interior Girder 6	6.0003	0.95	1	1	1.711912
HL93_str_inv	BOBJ1	64.9204	Before	Left Exterior Girder	8.5004	0.95	1	1	4.546774
HL93_str_inv	BOBJ1	64.9204	Before	Right Exterior Girder	8.5004	0.95	1	1	4.546774
HL93_str_inv	BOBJ1	64.9204	After	Left Exterior Girder	8.5004	0.95	1	1	2.053908

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelINonCompStrgth-Flx - Approach, Span 12-1									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
HL93_str_inv	BOBJ1	64.9204	After	Right Exterior Girder	8.5004	0.95	1	1	2.053908
HL93_str_inv	BOBJ1	67.6533	Before	Left Exterior Girder	11.2333	0.95	1	1	2.658846
HL93_str_inv	BOBJ1	67.6533	Before	Interior Girder 1	11.2333	0.95	1	1	2.573118
HL93_str_inv	BOBJ1	67.6533	Before	Interior Girder 2	11.2333	0.95	1	1	2.429786
HL93_str_inv	BOBJ1	67.6533	Before	Interior Girder 3	11.2333	0.95	1	1	2.427957
HL93_str_inv	BOBJ1	67.6533	Before	Interior Girder 4	11.2333	0.95	1	1	2.427957
HL93_str_inv	BOBJ1	67.6533	Before	Interior Girder 5	11.2333	0.95	1	1	2.429786
HL93_str_inv	BOBJ1	67.6533	Before	Interior Girder 6	11.2333	0.95	1	1	2.573118
HL93_str_inv	BOBJ1	67.6533	Before	Right Exterior Girder	11.2333	0.95	1	1	2.658846
HL93_str_inv	BOBJ1	67.6533	After	Left Exterior Girder	11.2333	0.95	1	1	2.622307
HL93_str_inv	BOBJ1	67.6533	After	Interior Girder 1	11.2333	0.95	1	1	2.594994
HL93_str_inv	BOBJ1	67.6533	After	Interior Girder 2	11.2333	0.95	1	1	2.455321
HL93_str_inv	BOBJ1	67.6533	After	Interior Girder 3	11.2333	0.95	1	1	2.43685
HL93_str_inv	BOBJ1	67.6533	After	Interior Girder 4	11.2333	0.95	1	1	2.43685
HL93_str_inv	BOBJ1	67.6533	After	Interior Girder 5	11.2333	0.95	1	1	2.455321
HL93_str_inv	BOBJ1	67.6533	After	Interior Girder 6	11.2333	0.95	1	1	2.594994
HL93_str_inv	BOBJ1	67.6533	After	Right Exterior Girder	11.2333	0.95	1	1	2.622307
HL93_str_inv	BOBJ1	73.27	Before	Left Exterior Girder	16.85	0.95	1	1	2.790356
HL93_str_inv	BOBJ1	73.27	Before	Interior Girder 1	16.85	0.95	1	1	2.17037
HL93_str_inv	BOBJ1	73.27	Before	Interior Girder 2	16.85	0.95	1	1	1.982078
HL93_str_inv	BOBJ1	73.27	Before	Interior Girder 3	16.85	0.95	1	1	1.920457
HL93_str_inv	BOBJ1	73.27	Before	Interior Girder 4	16.85	0.95	1	1	1.920457
HL93_str_inv	BOBJ1	73.27	Before	Interior Girder 5	16.85	0.95	1	1	1.982078
HL93_str_inv	BOBJ1	73.27	Before	Interior Girder 6	16.85	0.95	1	1	2.17037
HL93_str_inv	BOBJ1	73.27	Before	Right Exterior Girder	16.85	0.95	1	1	2.790356
HL93_str_inv	BOBJ1	73.27	After	Left Exterior Girder	16.85	0.95	1	1	2.838341
HL93_str_inv	BOBJ1	73.27	After	Interior Girder 1	16.85	0.95	1	1	2.14883
HL93_str_inv	BOBJ1	73.27	After	Interior Girder 2	16.85	0.95	1	1	1.983696
HL93_str_inv	BOBJ1	73.27	After	Interior Girder 3	16.85	0.95	1	1	1.948048
HL93_str_inv	BOBJ1	73.27	After	Interior Girder 4	16.85	0.95	1	1	1.948048
HL93_str_inv	BOBJ1	73.27	After	Interior Girder 5	16.85	0.95	1	1	1.983696
HL93_str_inv	BOBJ1	73.27	After	Interior Girder 6	16.85	0.95	1	1	2.14883
HL93_str_inv	BOBJ1	73.27	After	Right Exterior Girder	16.85	0.95	1	1	2.838341
HL93_str_inv	BOBJ1	78.8867	Before	Left Exterior Girder	22.4667	0.95	1	1	1.851246
HL93_str_inv	BOBJ1	78.8867	Before	Interior Girder 1	22.4667	0.95	1	1	1.421442
HL93_str_inv	BOBJ1	78.8867	Before	Interior Girder 2	22.4667	0.95	1	1	1.347614
HL93_str_inv	BOBJ1	78.8867	Before	Interior Girder 3	22.4667	0.95	1	1	1.305505
HL93_str_inv	BOBJ1	78.8867	Before	Interior Girder 4	22.4667	0.95	1	1	1.305505
HL93_str_inv	BOBJ1	78.8867	Before	Interior Girder 5	22.4667	0.95	1	1	1.347614
HL93_str_inv	BOBJ1	78.8867	Before	Interior Girder 6	22.4667	0.95	1	1	1.421442
HL93_str_inv	BOBJ1	78.8867	Before	Right Exterior Girder	22.4667	0.95	1	1	1.851246
HL93_str_inv	BOBJ1	78.8867	After	Left Exterior Girder	22.4667	0.95	1	1	1.884798
HL93_str_inv	BOBJ1	78.8867	After	Interior Girder 1	22.4667	0.95	1	1	1.407462
HL93_str_inv	BOBJ1	78.8867	After	Interior Girder 2	22.4667	0.95	1	1	1.345162
HL93_str_inv	BOBJ1	78.8867	After	Interior Girder 3	22.4667	0.95	1	1	1.319101
HL93_str_inv	BOBJ1	78.8867	After	Interior Girder 4	22.4667	0.95	1	1	1.319101
HL93_str_inv	BOBJ1	78.8867	After	Interior Girder 5	22.4667	0.95	1	1	1.345162
HL93_str_inv	BOBJ1	78.8867	After	Interior Girder 6	22.4667	0.95	1	1	1.407462
HL93_str_inv	BOBJ1	78.8867	After	Right Exterior Girder	22.4667	0.95	1	1	1.884798
HL93_str_inv	BOBJ1	84.5033	Before	Left Exterior Girder	28.0833	0.95	1	1	1.448355
HL93_str_inv	BOBJ1	84.5033	Before	Interior Girder 1	28.0833	0.95	1	1	1.166326
HL93_str_inv	BOBJ1	84.5033	Before	Interior Girder 2	28.0833	0.95	1	1	1.119048
HL93_str_inv	BOBJ1	84.5033	Before	Interior Girder 3	28.0833	0.95	1	1	1.094497
HL93_str_inv	BOBJ1	84.5033	Before	Interior Girder 4	28.0833	0.95	1	1	1.094497
HL93_str_inv	BOBJ1	84.5033	Before	Interior Girder 5	28.0833	0.95	1	1	1.119048
HL93_str_inv	BOBJ1	84.5033	Before	Interior Girder 6	28.0833	0.95	1	1	1.166326
HL93_str_inv	BOBJ1	84.5033	Before	Right Exterior Girder	28.0833	0.95	1	1	1.448355
HL93_str_inv	BOBJ1	84.5033	After	Left Exterior Girder	28.0833	0.95	1	1	1.448186
HL93_str_inv	BOBJ1	84.5033	After	Interior Girder 1	28.0833	0.95	1	1	1.170032
HL93_str_inv	BOBJ1	84.5033	After	Interior Girder 2	28.0833	0.95	1	1	1.125758
HL93_str_inv	BOBJ1	84.5033	After	Interior Girder 3	28.0833	0.95	1	1	1.107182
HL93_str_inv	BOBJ1	84.5033	After	Interior Girder 4	28.0833	0.95	1	1	1.107182
HL93_str_inv	BOBJ1	84.5033	After	Interior Girder 5	28.0833	0.95	1	1	1.125758
HL93_str_inv	BOBJ1	84.5033	After	Interior Girder 6	28.0833	0.95	1	1	1.170032
HL93_str_inv	BOBJ1	84.5033	After	Right Exterior Girder	28.0833	0.95	1	1	1.448186

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelINonCompStrgth-Flx - Approach, Span 12-1									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
HL93_str_inv	BOBJ1	90.12	Before	Left Exterior Girder	33.7	0.95	1	1	1.288049
HL93_str_inv	BOBJ1	90.12	Before	Interior Girder 1	33.7	0.95	1	1	1.145066
HL93_str_inv	BOBJ1	90.12	Before	Interior Girder 2	33.7	0.95	1	1	1.098116
HL93_str_inv	BOBJ1	90.12	Before	Interior Girder 3	33.7	0.95	1	1	1.081035
HL93_str_inv	BOBJ1	90.12	Before	Interior Girder 4	33.7	0.95	1	1	1.081035
HL93_str_inv	BOBJ1	90.12	Before	Interior Girder 5	33.7	0.95	1	1	1.098116
HL93_str_inv	BOBJ1	90.12	Before	Interior Girder 6	33.7	0.95	1	1	1.145066
HL93_str_inv	BOBJ1	90.12	Before	Right Exterior Girder	33.7	0.95	1	1	1.288049
HL93_str_inv	BOBJ1	90.12	After	Left Exterior Girder	33.7	0.95	1	1	1.291888
HL93_str_inv	BOBJ1	90.12	After	Interior Girder 1	33.7	0.95	1	1	1.142122
HL93_str_inv	BOBJ1	90.12	After	Interior Girder 2	33.7	0.95	1	1	1.096711
HL93_str_inv	BOBJ1	90.12	After	Interior Girder 3	33.7	0.95	1	1	1.079618
HL93_str_inv	BOBJ1	90.12	After	Interior Girder 4	33.7	0.95	1	1	1.079618
HL93_str_inv	BOBJ1	90.12	After	Interior Girder 5	33.7	0.95	1	1	1.096711
HL93_str_inv	BOBJ1	90.12	After	Interior Girder 6	33.7	0.95	1	1	1.142122
HL93_str_inv	BOBJ1	90.12	After	Right Exterior Girder	33.7	0.95	1	1	1.291888
HL93_str_inv	BOBJ1	95.7367	Before	Left Exterior Girder	39.3167	0.95	1	1	1.425653
HL93_str_inv	BOBJ1	95.7367	Before	Interior Girder 1	39.3167	0.95	1	1	1.156812
HL93_str_inv	BOBJ1	95.7367	Before	Interior Girder 2	39.3167	0.95	1	1	1.113722
HL93_str_inv	BOBJ1	95.7367	Before	Interior Girder 3	39.3167	0.95	1	1	1.096712
HL93_str_inv	BOBJ1	95.7367	Before	Interior Girder 4	39.3167	0.95	1	1	1.096712
HL93_str_inv	BOBJ1	95.7367	Before	Interior Girder 5	39.3167	0.95	1	1	1.113722
HL93_str_inv	BOBJ1	95.7367	Before	Interior Girder 6	39.3167	0.95	1	1	1.156812
HL93_str_inv	BOBJ1	95.7367	Before	Right Exterior Girder	39.3167	0.95	1	1	1.425653
HL93_str_inv	BOBJ1	95.7367	After	Left Exterior Girder	39.3167	0.95	1	1	1.42708
HL93_str_inv	BOBJ1	95.7367	After	Interior Girder 1	39.3167	0.95	1	1	1.152397
HL93_str_inv	BOBJ1	95.7367	After	Interior Girder 2	39.3167	0.95	1	1	1.10717
HL93_str_inv	BOBJ1	95.7367	After	Interior Girder 3	39.3167	0.95	1	1	1.084726
HL93_str_inv	BOBJ1	95.7367	After	Interior Girder 4	39.3167	0.95	1	1	1.084726
HL93_str_inv	BOBJ1	95.7367	After	Interior Girder 5	39.3167	0.95	1	1	1.10717
HL93_str_inv	BOBJ1	95.7367	After	Interior Girder 6	39.3167	0.95	1	1	1.152397
HL93_str_inv	BOBJ1	95.7367	After	Right Exterior Girder	39.3167	0.95	1	1	1.42708
HL93_str_inv	BOBJ1	101.3533	Before	Left Exterior Girder	44.9333	0.95	1	1	1.809456
HL93_str_inv	BOBJ1	101.3533	Before	Interior Girder 1	44.9333	0.95	1	1	1.374342
HL93_str_inv	BOBJ1	101.3533	Before	Interior Girder 2	44.9333	0.95	1	1	1.314661
HL93_str_inv	BOBJ1	101.3533	Before	Interior Girder 3	44.9333	0.95	1	1	1.294247
HL93_str_inv	BOBJ1	101.3533	Before	Interior Girder 4	44.9333	0.95	1	1	1.294247
HL93_str_inv	BOBJ1	101.3533	Before	Interior Girder 5	44.9333	0.95	1	1	1.314661
HL93_str_inv	BOBJ1	101.3533	Before	Interior Girder 6	44.9333	0.95	1	1	1.374342
HL93_str_inv	BOBJ1	101.3533	Before	Right Exterior Girder	44.9333	0.95	1	1	1.809456
HL93_str_inv	BOBJ1	101.3533	After	Left Exterior Girder	44.9333	0.95	1	1	1.779569
HL93_str_inv	BOBJ1	101.3533	After	Interior Girder 1	44.9333	0.95	1	1	1.386958
HL93_str_inv	BOBJ1	101.3533	After	Interior Girder 2	44.9333	0.95	1	1	1.317572
HL93_str_inv	BOBJ1	101.3533	After	Interior Girder 3	44.9333	0.95	1	1	1.281982
HL93_str_inv	BOBJ1	101.3533	After	Interior Girder 4	44.9333	0.95	1	1	1.281982
HL93_str_inv	BOBJ1	101.3533	After	Interior Girder 5	44.9333	0.95	1	1	1.317572
HL93_str_inv	BOBJ1	101.3533	After	Interior Girder 6	44.9333	0.95	1	1	1.386958
HL93_str_inv	BOBJ1	101.3533	After	Right Exterior Girder	44.9333	0.95	1	1	1.779569
HL93_str_inv	BOBJ1	106.97	Before	Left Exterior Girder	50.55	0.95	1	1	2.618472
HL93_str_inv	BOBJ1	106.97	Before	Interior Girder 1	50.55	0.95	1	1	2.053108
HL93_str_inv	BOBJ1	106.97	Before	Interior Girder 2	50.55	0.95	1	1	1.898475
HL93_str_inv	BOBJ1	106.97	Before	Interior Girder 3	50.55	0.95	1	1	1.877683
HL93_str_inv	BOBJ1	106.97	Before	Interior Girder 4	50.55	0.95	1	1	1.877683
HL93_str_inv	BOBJ1	106.97	Before	Interior Girder 5	50.55	0.95	1	1	1.898475
HL93_str_inv	BOBJ1	106.97	Before	Interior Girder 6	50.55	0.95	1	1	2.053108
HL93_str_inv	BOBJ1	106.97	Before	Right Exterior Girder	50.55	0.95	1	1	2.618472
HL93_str_inv	BOBJ1	106.97	After	Left Exterior Girder	50.55	0.95	1	1	2.599179
HL93_str_inv	BOBJ1	106.97	After	Interior Girder 1	50.55	0.95	1	1	2.058186
HL93_str_inv	BOBJ1	106.97	After	Interior Girder 2	50.55	0.95	1	1	1.891004
HL93_str_inv	BOBJ1	106.97	After	Interior Girder 3	50.55	0.95	1	1	1.846897
HL93_str_inv	BOBJ1	106.97	After	Interior Girder 4	50.55	0.95	1	1	1.846897
HL93_str_inv	BOBJ1	106.97	After	Interior Girder 5	50.55	0.95	1	1	1.891004
HL93_str_inv	BOBJ1	106.97	After	Interior Girder 6	50.55	0.95	1	1	2.058186
HL93_str_inv	BOBJ1	106.97	After	Right Exterior Girder	50.55	0.95	1	1	2.599179
HL93_str_inv	BOBJ1	112.5933	Before	Left Exterior Girder	56.1733	0.95	1	1	2.136506

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelINonCompStrgth-Flx - Approach, Span 12-1									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
HL93_str_inv	BOBJ1	112.5933	Before	Interior Girder 1	56.1733	0.95	1	1	2.172613
HL93_str_inv	BOBJ1	112.5933	Before	Interior Girder 2	56.1733	0.95	1	1	2.071406
HL93_str_inv	BOBJ1	112.5933	Before	Interior Girder 3	56.1733	0.95	1	1	2.08575
HL93_str_inv	BOBJ1	112.5933	Before	Interior Girder 4	56.1733	0.95	1	1	2.08575
HL93_str_inv	BOBJ1	112.5933	Before	Interior Girder 5	56.1733	0.95	1	1	2.071406
HL93_str_inv	BOBJ1	112.5933	Before	Interior Girder 6	56.1733	0.95	1	1	2.172613
HL93_str_inv	BOBJ1	112.5933	Before	Right Exterior Girder	56.1733	0.95	1	1	2.136506
HL93_str_inv	BOBJ1	112.5933	After	Left Exterior Girder	56.1733	0.95	1	1	2.162565
HL93_str_inv	BOBJ1	112.5933	After	Interior Girder 1	56.1733	0.95	1	1	2.158081
HL93_str_inv	BOBJ1	112.5933	After	Interior Girder 2	56.1733	0.95	1	1	2.055375
HL93_str_inv	BOBJ1	112.5933	After	Interior Girder 3	56.1733	0.95	1	1	2.081073
HL93_str_inv	BOBJ1	112.5933	After	Interior Girder 4	56.1733	0.95	1	1	2.081073
HL93_str_inv	BOBJ1	112.5933	After	Interior Girder 5	56.1733	0.95	1	1	2.055375
HL93_str_inv	BOBJ1	112.5933	After	Interior Girder 6	56.1733	0.95	1	1	2.158081
HL93_str_inv	BOBJ1	112.5933	After	Right Exterior Girder	56.1733	0.95	1	1	2.162565
HL93_str_inv	BOBJ1	115.3396	Before	Left Exterior Girder	58.9196	0.95	1	1	1.685254
HL93_str_inv	BOBJ1	115.3396	Before	Right Exterior Girder	58.9196	0.95	1	1	1.685254
HL93_str_inv	BOBJ1	115.3396	After	Left Exterior Girder	58.9196	0.95	1	1	3.770772
HL93_str_inv	BOBJ1	115.3396	After	Right Exterior Girder	58.9196	0.95	1	1	3.770772
HL93_str_inv	BOBJ1	118.2167	Before	Left Exterior Girder	61.7967	0.95	1	1	3.123018
HL93_str_inv	BOBJ1	118.2167	Before	Interior Girder 1	61.9198	0.95	1	1	1.395017
HL93_str_inv	BOBJ1	118.2167	Before	Interior Girder 2	61.9198	0.95	1	1	1.350989
HL93_str_inv	BOBJ1	118.2167	Before	Interior Girder 3	61.9198	0.95	1	1	1.261817
HL93_str_inv	BOBJ1	118.2167	Before	Interior Girder 4	61.9198	0.95	1	1	1.261817
HL93_str_inv	BOBJ1	118.2167	Before	Interior Girder 5	61.9198	0.95	1	1	1.350989
HL93_str_inv	BOBJ1	118.2167	Before	Interior Girder 6	61.9198	0.95	1	1	1.395017
HL93_str_inv	BOBJ1	118.2167	Before	Right Exterior Girder	61.7967	0.95	1	1	3.123018
HL93_str_inv	BOBJ1	118.2167	After	Left Exterior Girder	61.7967	0.95	1	1	3.132275
HL93_str_inv	BOBJ1	118.2167	After	Interior Girder 1	61.9198	0.95	1	1	2.149202
HL93_str_inv	BOBJ1	118.2167	After	Interior Girder 2	61.9198	0.95	1	1	2.034719
HL93_str_inv	BOBJ1	118.2167	After	Interior Girder 3	61.9198	0.95	1	1	1.936537
HL93_str_inv	BOBJ1	118.2167	After	Interior Girder 4	61.9198	0.95	1	1	1.936537
HL93_str_inv	BOBJ1	118.2167	After	Interior Girder 5	61.9198	0.95	1	1	2.034719
HL93_str_inv	BOBJ1	118.2167	After	Interior Girder 6	61.9198	0.95	1	1	2.149202
HL93_str_inv	BOBJ1	118.2167	After	Right Exterior Girder	61.7967	0.95	1	1	3.132275
HL93_str_inv	BOBJ1	123.84	Before	Left Exterior Girder	67.42	0.95	1	1	1.972474
HL93_str_inv	BOBJ1	123.84	Before	Interior Girder 1	67.42	0.95	1	1	1.254353
HL93_str_inv	BOBJ1	123.84	Before	Interior Girder 2	67.42	0.95	1	1	1.202006
HL93_str_inv	BOBJ1	123.84	Before	Interior Girder 3	67.42	0.95	1	1	1.010661
HL93_str_inv	BOBJ1	123.84	Before	Interior Girder 4	67.42	0.95	1	1	1.010661
HL93_str_inv	BOBJ1	123.84	Before	Interior Girder 5	67.42	0.95	1	1	1.202006
HL93_str_inv	BOBJ1	123.84	Before	Interior Girder 6	67.42	0.95	1	1	1.254353
HL93_str_inv	BOBJ1	123.84	Before	Right Exterior Girder	67.42	0.95	1	1	1.972474
HL93_str_inv	BOBJ1	123.84	After	Left Exterior Girder	0	0.95	1	1	2.110046
HL93_str_inv	BOBJ1	123.84	After	Interior Girder 1	0	0.95	1	1	1.352933
HL93_str_inv	BOBJ1	123.84	After	Interior Girder 2	0	0.95	1	1	1.300102
HL93_str_inv	BOBJ1	123.84	After	Interior Girder 3	0	0.95	1	1	1.09435
HL93_str_inv	BOBJ1	123.84	After	Interior Girder 4	0	0.95	1	1	1.09435
HL93_str_inv	BOBJ1	123.84	After	Interior Girder 5	0	0.95	1	1	1.300102
HL93_str_inv	BOBJ1	123.84	After	Interior Girder 6	0	0.95	1	1	1.352933
HL93_str_inv	BOBJ1	123.84	After	Right Exterior Girder	0	0.95	1	1	2.110046
HL93_str_inv	BOBJ1	129.34	Before	Interior Girder 1	5.5	0.95	1	1	2.282481
HL93_str_inv	BOBJ1	129.34	Before	Interior Girder 2	5.5	0.95	1	1	2.170439
HL93_str_inv	BOBJ1	129.34	Before	Interior Girder 3	5.5	0.95	1	1	2.068559
HL93_str_inv	BOBJ1	129.34	Before	Interior Girder 4	5.5	0.95	1	1	2.068559
HL93_str_inv	BOBJ1	129.34	Before	Interior Girder 5	5.5	0.95	1	1	2.170439
HL93_str_inv	BOBJ1	129.34	Before	Interior Girder 6	5.5	0.95	1	1	2.282481
HL93_str_inv	BOBJ1	129.34	After	Interior Girder 1	5.5	0.95	1	1	1.499841
HL93_str_inv	BOBJ1	129.34	After	Interior Girder 2	5.5	0.95	1	1	1.443033
HL93_str_inv	BOBJ1	129.34	After	Interior Girder 3	5.5	0.95	1	1	1.356444
HL93_str_inv	BOBJ1	129.34	After	Interior Girder 4	5.5	0.95	1	1	1.356444
HL93_str_inv	BOBJ1	129.34	After	Interior Girder 5	5.5	0.95	1	1	1.443033
HL93_str_inv	BOBJ1	129.34	After	Interior Girder 6	5.5	0.95	1	1	1.499841
HL93_str_inv	BOBJ1	130.79	Before	Left Exterior Girder	6.95	0.95	1	1	3.637727
HL93_str_inv	BOBJ1	130.79	Before	Interior Girder 1	6.95	0.95	1	1	1.716178

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelINonCompStrgth-Flx - Approach, Span 12-1									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
HL93_str_inv	BOBJ1	130.79	Before	Interior Girder 2	6.95	0.95	1	1	1.621243
HL93_str_inv	BOBJ1	130.79	Before	Interior Girder 3	6.95	0.95	1	1	1.566668
HL93_str_inv	BOBJ1	130.79	Before	Interior Girder 4	6.95	0.95	1	1	1.566668
HL93_str_inv	BOBJ1	130.79	Before	Interior Girder 5	6.95	0.95	1	1	1.621243
HL93_str_inv	BOBJ1	130.79	Before	Interior Girder 6	6.95	0.95	1	1	1.716178
HL93_str_inv	BOBJ1	130.79	Before	Right Exterior Girder	6.95	0.95	1	1	3.637727
HL93_str_inv	BOBJ1	130.79	After	Left Exterior Girder	6.95	0.95	1	1	3.667979
HL93_str_inv	BOBJ1	130.79	After	Interior Girder 1	6.95	0.95	1	1	1.707865
HL93_str_inv	BOBJ1	130.79	After	Interior Girder 2	6.95	0.95	1	1	1.630223
HL93_str_inv	BOBJ1	130.79	After	Interior Girder 3	6.95	0.95	1	1	1.566978
HL93_str_inv	BOBJ1	130.79	After	Interior Girder 4	6.95	0.95	1	1	1.566978
HL93_str_inv	BOBJ1	130.79	After	Interior Girder 5	6.95	0.95	1	1	1.630223
HL93_str_inv	BOBJ1	130.79	After	Interior Girder 6	6.95	0.95	1	1	1.707865
HL93_str_inv	BOBJ1	130.79	After	Right Exterior Girder	6.95	0.95	1	1	3.667979
HL93_str_inv	BOBJ1	132.34	Before	Left Exterior Girder	8.5	0.95	1	1	4.071451
HL93_str_inv	BOBJ1	132.34	Before	Right Exterior Girder	8.5	0.95	1	1	4.071451
HL93_str_inv	BOBJ1	132.34	After	Left Exterior Girder	8.5	0.95	1	1	1.81039
HL93_str_inv	BOBJ1	132.34	After	Right Exterior Girder	8.5	0.95	1	1	1.81039
HL93_str_inv	BOBJ1	137.74	Before	Left Exterior Girder	13.9	0.95	1	1	2.753382
HL93_str_inv	BOBJ1	137.74	Before	Interior Girder 1	13.9	0.95	1	1	2.701014
HL93_str_inv	BOBJ1	137.74	Before	Interior Girder 2	13.9	0.95	1	1	2.457702
HL93_str_inv	BOBJ1	137.74	Before	Interior Girder 3	13.9	0.95	1	1	2.38443
HL93_str_inv	BOBJ1	137.74	Before	Interior Girder 4	13.9	0.95	1	1	2.38443
HL93_str_inv	BOBJ1	137.74	Before	Interior Girder 5	13.9	0.95	1	1	2.457702
HL93_str_inv	BOBJ1	137.74	Before	Interior Girder 6	13.9	0.95	1	1	2.701014
HL93_str_inv	BOBJ1	137.74	Before	Right Exterior Girder	13.9	0.95	1	1	2.753382
HL93_str_inv	BOBJ1	137.74	After	Left Exterior Girder	13.9	0.95	1	1	2.998899
HL93_str_inv	BOBJ1	137.74	After	Interior Girder 1	13.9	0.95	1	1	2.684297
HL93_str_inv	BOBJ1	137.74	After	Interior Girder 2	13.9	0.95	1	1	2.453674
HL93_str_inv	BOBJ1	137.74	After	Interior Girder 3	13.9	0.95	1	1	2.422968
HL93_str_inv	BOBJ1	137.74	After	Interior Girder 4	13.9	0.95	1	1	2.422968
HL93_str_inv	BOBJ1	137.74	After	Interior Girder 5	13.9	0.95	1	1	2.453674
HL93_str_inv	BOBJ1	137.74	After	Interior Girder 6	13.9	0.95	1	1	2.684297
HL93_str_inv	BOBJ1	137.74	After	Right Exterior Girder	13.9	0.95	1	1	2.998899
HL93_str_inv	BOBJ1	143.7733	Before	Left Exterior Girder	19.9333	0.95	1	1	2.127689
HL93_str_inv	BOBJ1	143.7733	Before	Interior Girder 1	19.9333	0.95	1	1	1.562378
HL93_str_inv	BOBJ1	143.7733	Before	Interior Girder 2	19.9333	0.95	1	1	1.478499
HL93_str_inv	BOBJ1	143.7733	Before	Interior Girder 3	19.9333	0.95	1	1	1.436935
HL93_str_inv	BOBJ1	143.7733	Before	Interior Girder 4	19.9333	0.95	1	1	1.436935
HL93_str_inv	BOBJ1	143.7733	Before	Interior Girder 5	19.9333	0.95	1	1	1.478499
HL93_str_inv	BOBJ1	143.7733	Before	Interior Girder 6	19.9333	0.95	1	1	1.562378
HL93_str_inv	BOBJ1	143.7733	Before	Right Exterior Girder	19.9333	0.95	1	1	2.127689
HL93_str_inv	BOBJ1	143.7733	After	Left Exterior Girder	19.9333	0.95	1	1	2.166257
HL93_str_inv	BOBJ1	143.7733	After	Interior Girder 1	19.9333	0.95	1	1	1.544739
HL93_str_inv	BOBJ1	143.7733	After	Interior Girder 2	19.9333	0.95	1	1	1.479139
HL93_str_inv	BOBJ1	143.7733	After	Interior Girder 3	19.9333	0.95	1	1	1.459471
HL93_str_inv	BOBJ1	143.7733	After	Interior Girder 4	19.9333	0.95	1	1	1.459471
HL93_str_inv	BOBJ1	143.7733	After	Interior Girder 5	19.9333	0.95	1	1	1.479139
HL93_str_inv	BOBJ1	143.7733	After	Interior Girder 6	19.9333	0.95	1	1	1.544739
HL93_str_inv	BOBJ1	143.7733	After	Right Exterior Girder	19.9333	0.95	1	1	2.166257
HL93_str_inv	BOBJ1	149.8067	Before	Left Exterior Girder	25.9667	0.95	1	1	1.517526
HL93_str_inv	BOBJ1	149.8067	Before	Interior Girder 1	25.9667	0.95	1	1	1.195389
HL93_str_inv	BOBJ1	149.8067	Before	Interior Girder 2	25.9667	0.95	1	1	1.144823
HL93_str_inv	BOBJ1	149.8067	Before	Interior Girder 3	25.9667	0.95	1	1	1.121893
HL93_str_inv	BOBJ1	149.8067	Before	Interior Girder 4	25.9667	0.95	1	1	1.121893
HL93_str_inv	BOBJ1	149.8067	Before	Interior Girder 5	25.9667	0.95	1	1	1.144823
HL93_str_inv	BOBJ1	149.8067	Before	Interior Girder 6	25.9667	0.95	1	1	1.195389
HL93_str_inv	BOBJ1	149.8067	Before	Right Exterior Girder	25.9667	0.95	1	1	1.517526
HL93_str_inv	BOBJ1	149.8067	After	Left Exterior Girder	25.9667	0.95	1	1	1.517556
HL93_str_inv	BOBJ1	149.8067	After	Interior Girder 1	25.9667	0.95	1	1	1.197788
HL93_str_inv	BOBJ1	149.8067	After	Interior Girder 2	25.9667	0.95	1	1	1.153169
HL93_str_inv	BOBJ1	149.8067	After	Interior Girder 3	25.9667	0.95	1	1	1.139294
HL93_str_inv	BOBJ1	149.8067	After	Interior Girder 4	25.9667	0.95	1	1	1.139294
HL93_str_inv	BOBJ1	149.8067	After	Interior Girder 5	25.9667	0.95	1	1	1.153169
HL93_str_inv	BOBJ1	149.8067	After	Interior Girder 6	25.9667	0.95	1	1	1.197788

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelINonCompStrgth-Flx - Approach, Span 12-1									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
HL93_str_inv	BOBJ1	149.8067	After	Right Exterior Girder	25.9667	0.95	1	1	1.517556
HL93_str_inv	BOBJ1	155.84	Before	Left Exterior Girder	32	0.95	1	1	1.269097
HL93_str_inv	BOBJ1	155.84	Before	Interior Girder 1	32	0.95	1	1	1.127397
HL93_str_inv	BOBJ1	155.84	Before	Interior Girder 2	32	0.95	1	1	1.080554
HL93_str_inv	BOBJ1	155.84	Before	Interior Girder 3	32	0.95	1	1	1.065736
HL93_str_inv	BOBJ1	155.84	Before	Interior Girder 4	32	0.95	1	1	1.065736
HL93_str_inv	BOBJ1	155.84	Before	Interior Girder 5	32	0.95	1	1	1.080554
HL93_str_inv	BOBJ1	155.84	Before	Interior Girder 6	32	0.95	1	1	1.127397
HL93_str_inv	BOBJ1	155.84	Before	Right Exterior Girder	32	0.95	1	1	1.269097
HL93_str_inv	BOBJ1	155.84	After	Left Exterior Girder	32	0.95	1	1	1.274104
HL93_str_inv	BOBJ1	155.84	After	Interior Girder 1	32	0.95	1	1	1.124721
HL93_str_inv	BOBJ1	155.84	After	Interior Girder 2	32	0.95	1	1	1.079518
HL93_str_inv	BOBJ1	155.84	After	Interior Girder 3	32	0.95	1	1	1.068022
HL93_str_inv	BOBJ1	155.84	After	Interior Girder 4	32	0.95	1	1	1.068022
HL93_str_inv	BOBJ1	155.84	After	Interior Girder 5	32	0.95	1	1	1.079518
HL93_str_inv	BOBJ1	155.84	After	Interior Girder 6	32	0.95	1	1	1.124721
HL93_str_inv	BOBJ1	155.84	After	Right Exterior Girder	32	0.95	1	1	1.274104
HL93_str_inv	BOBJ1	161.8733	Before	Left Exterior Girder	38.0333	0.95	1	1	1.378599
HL93_str_inv	BOBJ1	161.8733	Before	Interior Girder 1	38.0333	0.95	1	1	1.112454
HL93_str_inv	BOBJ1	161.8733	Before	Interior Girder 2	38.0333	0.95	1	1	1.069724
HL93_str_inv	BOBJ1	161.8733	Before	Interior Girder 3	38.0333	0.95	1	1	1.052883
HL93_str_inv	BOBJ1	161.8733	Before	Interior Girder 4	38.0333	0.95	1	1	1.052883
HL93_str_inv	BOBJ1	161.8733	Before	Interior Girder 5	38.0333	0.95	1	1	1.069724
HL93_str_inv	BOBJ1	161.8733	Before	Interior Girder 6	38.0333	0.95	1	1	1.112454
HL93_str_inv	BOBJ1	161.8733	Before	Right Exterior Girder	38.0333	0.95	1	1	1.378599
HL93_str_inv	BOBJ1	161.8733	After	Left Exterior Girder	38.0333	0.95	1	1	1.381432
HL93_str_inv	BOBJ1	161.8733	After	Interior Girder 1	38.0333	0.95	1	1	1.106624
HL93_str_inv	BOBJ1	161.8733	After	Interior Girder 2	38.0333	0.95	1	1	1.06277
HL93_str_inv	BOBJ1	161.8733	After	Interior Girder 3	38.0333	0.95	1	1	1.040306
HL93_str_inv	BOBJ1	161.8733	After	Interior Girder 4	38.0333	0.95	1	1	1.040306
HL93_str_inv	BOBJ1	161.8733	After	Interior Girder 5	38.0333	0.95	1	1	1.06277
HL93_str_inv	BOBJ1	161.8733	After	Interior Girder 6	38.0333	0.95	1	1	1.106624
HL93_str_inv	BOBJ1	161.8733	After	Right Exterior Girder	38.0333	0.95	1	1	1.381432
HL93_str_inv	BOBJ1	167.9067	Before	Left Exterior Girder	44.0667	0.95	1	1	1.745989
HL93_str_inv	BOBJ1	167.9067	Before	Interior Girder 1	44.0667	0.95	1	1	1.310398
HL93_str_inv	BOBJ1	167.9067	Before	Interior Girder 2	44.0667	0.95	1	1	1.250776
HL93_str_inv	BOBJ1	167.9067	Before	Interior Girder 3	44.0667	0.95	1	1	1.229387
HL93_str_inv	BOBJ1	167.9067	Before	Interior Girder 4	44.0667	0.95	1	1	1.229387
HL93_str_inv	BOBJ1	167.9067	Before	Interior Girder 5	44.0667	0.95	1	1	1.250776
HL93_str_inv	BOBJ1	167.9067	Before	Interior Girder 6	44.0667	0.95	1	1	1.310398
HL93_str_inv	BOBJ1	167.9067	Before	Right Exterior Girder	44.0667	0.95	1	1	1.745989
HL93_str_inv	BOBJ1	167.9067	After	Left Exterior Girder	44.0667	0.95	1	1	1.714464
HL93_str_inv	BOBJ1	167.9067	After	Interior Girder 1	44.0667	0.95	1	1	1.32324
HL93_str_inv	BOBJ1	167.9067	After	Interior Girder 2	44.0667	0.95	1	1	1.253799
HL93_str_inv	BOBJ1	167.9067	After	Interior Girder 3	44.0667	0.95	1	1	1.216742
HL93_str_inv	BOBJ1	167.9067	After	Interior Girder 4	44.0667	0.95	1	1	1.216742
HL93_str_inv	BOBJ1	167.9067	After	Interior Girder 5	44.0667	0.95	1	1	1.253799
HL93_str_inv	BOBJ1	167.9067	After	Interior Girder 6	44.0667	0.95	1	1	1.32324
HL93_str_inv	BOBJ1	167.9067	After	Right Exterior Girder	44.0667	0.95	1	1	1.714464
HL93_str_inv	BOBJ1	173.94	Before	Left Exterior Girder	50.1	0.95	1	1	2.569816
HL93_str_inv	BOBJ1	173.94	Before	Interior Girder 1	50.1	0.95	1	1	1.998738
HL93_str_inv	BOBJ1	173.94	Before	Interior Girder 2	50.1	0.95	1	1	1.835967
HL93_str_inv	BOBJ1	173.94	Before	Interior Girder 3	50.1	0.95	1	1	1.803269
HL93_str_inv	BOBJ1	173.94	Before	Interior Girder 4	50.1	0.95	1	1	1.803269
HL93_str_inv	BOBJ1	173.94	Before	Interior Girder 5	50.1	0.95	1	1	1.835967
HL93_str_inv	BOBJ1	173.94	Before	Interior Girder 6	50.1	0.95	1	1	1.998738
HL93_str_inv	BOBJ1	173.94	Before	Right Exterior Girder	50.1	0.95	1	1	2.569816
HL93_str_inv	BOBJ1	173.94	After	Left Exterior Girder	50.1	0.95	1	1	2.547337
HL93_str_inv	BOBJ1	173.94	After	Interior Girder 1	50.1	0.95	1	1	2.00399
HL93_str_inv	BOBJ1	173.94	After	Interior Girder 2	50.1	0.95	1	1	1.828716
HL93_str_inv	BOBJ1	173.94	After	Interior Girder 3	50.1	0.95	1	1	1.776874
HL93_str_inv	BOBJ1	173.94	After	Interior Girder 4	50.1	0.95	1	1	1.776874
HL93_str_inv	BOBJ1	173.94	After	Interior Girder 5	50.1	0.95	1	1	1.828716
HL93_str_inv	BOBJ1	173.94	After	Interior Girder 6	50.1	0.95	1	1	2.00399
HL93_str_inv	BOBJ1	173.94	After	Right Exterior Girder	50.1	0.95	1	1	2.547337

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelINonCompStrgth-Flx - Approach, Span 12-1									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
HL93_str_inv	BOBJ1	179.98	Before	Left Exterior Girder	56.14	0.95	1	1	2.854647
HL93_str_inv	BOBJ1	179.98	Before	Interior Girder 1	56.14	0.95	1	1	2.797155
HL93_str_inv	BOBJ1	179.98	Before	Interior Girder 2	56.14	0.95	1	1	2.644997
HL93_str_inv	BOBJ1	179.98	Before	Interior Girder 3	56.14	0.95	1	1	2.624337
HL93_str_inv	BOBJ1	179.98	Before	Interior Girder 4	56.14	0.95	1	1	2.624337
HL93_str_inv	BOBJ1	179.98	Before	Interior Girder 5	56.14	0.95	1	1	2.644997
HL93_str_inv	BOBJ1	179.98	Before	Interior Girder 6	56.14	0.95	1	1	2.797155
HL93_str_inv	BOBJ1	179.98	Before	Right Exterior Girder	56.14	0.95	1	1	2.854647
HL93_str_inv	BOBJ1	179.98	After	Left Exterior Girder	56.14	0.95	1	1	2.898053
HL93_str_inv	BOBJ1	179.98	After	Interior Girder 1	56.14	0.95	1	1	2.775074
HL93_str_inv	BOBJ1	179.98	After	Interior Girder 2	56.14	0.95	1	1	2.613606
HL93_str_inv	BOBJ1	179.98	After	Interior Girder 3	56.14	0.95	1	1	2.610082
HL93_str_inv	BOBJ1	179.98	After	Interior Girder 4	56.14	0.95	1	1	2.610082
HL93_str_inv	BOBJ1	179.98	After	Interior Girder 5	56.14	0.95	1	1	2.613606
HL93_str_inv	BOBJ1	179.98	After	Interior Girder 6	56.14	0.95	1	1	2.775074
HL93_str_inv	BOBJ1	179.98	After	Right Exterior Girder	56.14	0.95	1	1	2.898053
HL93_str_inv	BOBJ1	183.56	Before	Left Exterior Girder	59.72	0.95	1	1	2.058068
HL93_str_inv	BOBJ1	183.56	Before	Right Exterior Girder	59.72	0.95	1	1	2.058068
HL93_str_inv	BOBJ1	183.56	After	Left Exterior Girder	59.72	0.95	1	1	4.998713
HL93_str_inv	BOBJ1	183.56	After	Right Exterior Girder	59.72	0.95	1	1	4.998713
HL93_str_inv	BOBJ1	186.02	Before	Left Exterior Girder	62.18	0.95	1	1	4.175592
HL93_str_inv	BOBJ1	186.02	Before	Interior Girder 1	62.22	0.95	1	1	1.679937
HL93_str_inv	BOBJ1	186.02	Before	Interior Girder 2	62.22	0.95	1	1	1.624401
HL93_str_inv	BOBJ1	186.02	Before	Interior Girder 3	62.22	0.95	1	1	1.4879
HL93_str_inv	BOBJ1	186.02	Before	Interior Girder 4	62.22	0.95	1	1	1.4879
HL93_str_inv	BOBJ1	186.02	Before	Interior Girder 5	62.22	0.95	1	1	1.624401
HL93_str_inv	BOBJ1	186.02	Before	Interior Girder 6	62.22	0.95	1	1	1.679937
HL93_str_inv	BOBJ1	186.02	Before	Right Exterior Girder	62.18	0.95	1	1	4.175592
HL93_str_inv	BOBJ1	186.02	After	Left Exterior Girder	62.18	0.95	1	1	4.207526
HL93_str_inv	BOBJ1	186.02	After	Interior Girder 1	62.22	0.95	1	1	2.742722
HL93_str_inv	BOBJ1	186.02	After	Interior Girder 2	62.22	0.95	1	1	2.583175
HL93_str_inv	BOBJ1	186.02	After	Interior Girder 3	62.22	0.95	1	1	2.416442
HL93_str_inv	BOBJ1	186.02	After	Interior Girder 4	62.22	0.95	1	1	2.416442
HL93_str_inv	BOBJ1	186.02	After	Interior Girder 5	62.22	0.95	1	1	2.583175
HL93_str_inv	BOBJ1	186.02	After	Interior Girder 6	62.22	0.95	1	1	2.742722
HL93_str_inv	BOBJ1	186.02	After	Right Exterior Girder	62.18	0.95	1	1	4.207526
HL93_str_inv	BOBJ1	192.06	Before	Left Exterior Girder	68.22	0.95	1	1	1.987968
HL93_str_inv	BOBJ1	192.06	Before	Interior Girder 1	68.22	0.95	1	1	1.254126
HL93_str_inv	BOBJ1	192.06	Before	Interior Girder 2	68.22	0.95	1	1	1.224702
HL93_str_inv	BOBJ1	192.06	Before	Interior Girder 3	68.22	0.95	1	1	1.039803
HL93_str_inv	BOBJ1	192.06	Before	Interior Girder 4	68.22	0.95	1	1	1.039803
HL93_str_inv	BOBJ1	192.06	Before	Interior Girder 5	68.22	0.95	1	1	1.224702
HL93_str_inv	BOBJ1	192.06	Before	Interior Girder 6	68.22	0.95	1	1	1.254126
HL93_str_inv	BOBJ1	192.06	Before	Right Exterior Girder	68.22	0.95	1	1	1.987968
HL93_str_inv	BOBJ1	192.06	After	Left Exterior Girder	0	0.95	1	1	2.479007
HL93_str_inv	BOBJ1	192.06	After	Interior Girder 1	0	0.95	1	1	1.718509
HL93_str_inv	BOBJ1	192.06	After	Interior Girder 2	0	0.95	1	1	1.643056
HL93_str_inv	BOBJ1	192.06	After	Interior Girder 3	0	0.95	1	1	1.408684
HL93_str_inv	BOBJ1	192.06	After	Interior Girder 4	0	0.95	1	1	1.408684
HL93_str_inv	BOBJ1	192.06	After	Interior Girder 5	0	0.95	1	1	1.643056
HL93_str_inv	BOBJ1	192.06	After	Interior Girder 6	0	0.95	1	1	1.718509
HL93_str_inv	BOBJ1	192.06	After	Right Exterior Girder	0	0.95	1	1	2.479007
HL93_str_inv	BOBJ1	197.087	Before	Interior Girder 1	5.027	0.95	1	1	2.486222
HL93_str_inv	BOBJ1	197.087	Before	Interior Girder 2	5.027	0.95	1	1	2.353128
HL93_str_inv	BOBJ1	197.087	Before	Interior Girder 3	5.027	0.95	1	1	2.302684
HL93_str_inv	BOBJ1	197.087	Before	Interior Girder 4	5.027	0.95	1	1	2.302684
HL93_str_inv	BOBJ1	197.087	Before	Interior Girder 5	5.027	0.95	1	1	2.353128
HL93_str_inv	BOBJ1	197.087	Before	Interior Girder 6	5.027	0.95	1	1	2.486222
HL93_str_inv	BOBJ1	197.087	After	Interior Girder 1	5.027	0.95	1	1	1.543989
HL93_str_inv	BOBJ1	197.087	After	Interior Girder 2	5.027	0.95	1	1	1.470597
HL93_str_inv	BOBJ1	197.087	After	Interior Girder 3	5.027	0.95	1	1	1.427383
HL93_str_inv	BOBJ1	197.087	After	Interior Girder 4	5.027	0.95	1	1	1.427383
HL93_str_inv	BOBJ1	197.087	After	Interior Girder 5	5.027	0.95	1	1	1.470597
HL93_str_inv	BOBJ1	197.087	After	Interior Girder 6	5.027	0.95	1	1	1.543989
HL93_str_inv	BOBJ1	197.91	Before	Left Exterior Girder	5.85	0.95	1	1	3.67414

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelINonCompStrgth-Flx - Approach, Span 12-1									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
HL93_str_inv	BOBJ1	197.91	Before	Interior Girder 1	5.85	0.95	1	1	1.659046
HL93_str_inv	BOBJ1	197.91	Before	Interior Girder 2	5.85	0.95	1	1	1.560679
HL93_str_inv	BOBJ1	197.91	Before	Interior Girder 3	5.85	0.95	1	1	1.545178
HL93_str_inv	BOBJ1	197.91	Before	Interior Girder 4	5.85	0.95	1	1	1.545178
HL93_str_inv	BOBJ1	197.91	Before	Interior Girder 5	5.85	0.95	1	1	1.560679
HL93_str_inv	BOBJ1	197.91	Before	Interior Girder 6	5.85	0.95	1	1	1.659046
HL93_str_inv	BOBJ1	197.91	Before	Right Exterior Girder	5.85	0.95	1	1	3.67414
HL93_str_inv	BOBJ1	197.91	After	Left Exterior Girder	5.85	0.95	1	1	3.112597
HL93_str_inv	BOBJ1	197.91	After	Interior Girder 1	5.85	0.95	1	1	1.380448
HL93_str_inv	BOBJ1	197.91	After	Interior Girder 2	5.85	0.95	1	1	1.310939
HL93_str_inv	BOBJ1	197.91	After	Interior Girder 3	5.85	0.95	1	1	1.282555
HL93_str_inv	BOBJ1	197.91	After	Interior Girder 4	5.85	0.95	1	1	1.282555
HL93_str_inv	BOBJ1	197.91	After	Interior Girder 5	5.85	0.95	1	1	1.310939
HL93_str_inv	BOBJ1	197.91	After	Interior Girder 6	5.85	0.95	1	1	1.380448
HL93_str_inv	BOBJ1	197.91	After	Right Exterior Girder	5.85	0.95	1	1	3.112597
HL93_str_inv	BOBJ1	199.1816	Before	Left Exterior Girder	7.1216	0.95	1	1	3.364539
HL93_str_inv	BOBJ1	199.1816	Before	Right Exterior Girder	7.1216	0.95	1	1	3.364539
HL93_str_inv	BOBJ1	199.1816	After	Left Exterior Girder	7.1216	0.95	1	1	1.347442
HL93_str_inv	BOBJ1	199.1816	After	Right Exterior Girder	7.1216	0.95	1	1	1.347442
HL93_str_inv	BOBJ1	203.5267	Before	Left Exterior Girder	11.3107	0.95	1	1	1.961771
HL93_str_inv	BOBJ1	203.5267	Before	Interior Girder 1	11.3107	0.95	1	1	2.046861
HL93_str_inv	BOBJ1	203.5267	Before	Interior Girder 2	11.3107	0.95	1	1	1.934761
HL93_str_inv	BOBJ1	203.5267	Before	Interior Girder 3	11.3107	0.95	1	1	2.005313
HL93_str_inv	BOBJ1	203.5267	Before	Interior Girder 4	11.3107	0.95	1	1	2.005313
HL93_str_inv	BOBJ1	203.5267	Before	Interior Girder 5	11.3107	0.95	1	1	1.934761
HL93_str_inv	BOBJ1	203.5267	Before	Interior Girder 6	11.3107	0.95	1	1	2.046861
HL93_str_inv	BOBJ1	203.5267	Before	Right Exterior Girder	11.3107	0.95	1	1	1.961771
HL93_str_inv	BOBJ1	203.5267	After	Left Exterior Girder	11.3107	0.95	1	1	3.153432
HL93_str_inv	BOBJ1	203.5267	After	Interior Girder 1	11.3107	0.95	1	1	3.251649
HL93_str_inv	BOBJ1	203.5267	After	Interior Girder 2	11.3107	0.95	1	1	3.092313
HL93_str_inv	BOBJ1	203.5267	After	Interior Girder 3	11.3107	0.95	1	1	3.190023
HL93_str_inv	BOBJ1	203.5267	After	Interior Girder 4	11.3107	0.95	1	1	3.190023
HL93_str_inv	BOBJ1	203.5267	After	Interior Girder 5	11.3107	0.95	1	1	3.092313
HL93_str_inv	BOBJ1	203.5267	After	Interior Girder 6	11.3107	0.95	1	1	3.251649
HL93_str_inv	BOBJ1	203.5267	After	Right Exterior Girder	11.3107	0.95	1	1	3.153432
HL93_str_inv	BOBJ1	209.1433	Before	Left Exterior Girder	17.0833	0.95	1	1	3.448541
HL93_str_inv	BOBJ1	209.1433	Before	Interior Girder 1	17.0833	0.95	1	1	2.450976
HL93_str_inv	BOBJ1	209.1433	Before	Interior Girder 2	17.0833	0.95	1	1	2.29993
HL93_str_inv	BOBJ1	209.1433	Before	Interior Girder 3	17.0833	0.95	1	1	2.264719
HL93_str_inv	BOBJ1	209.1433	Before	Interior Girder 4	17.0833	0.95	1	1	2.264719
HL93_str_inv	BOBJ1	209.1433	Before	Interior Girder 5	17.0833	0.95	1	1	2.29993
HL93_str_inv	BOBJ1	209.1433	Before	Interior Girder 6	17.0833	0.95	1	1	2.450976
HL93_str_inv	BOBJ1	209.1433	Before	Right Exterior Girder	17.0833	0.95	1	1	3.448541
HL93_str_inv	BOBJ1	209.1433	After	Left Exterior Girder	17.0833	0.95	1	1	3.420543
HL93_str_inv	BOBJ1	209.1433	After	Interior Girder 1	17.0833	0.95	1	1	2.467068
HL93_str_inv	BOBJ1	209.1433	After	Interior Girder 2	17.0833	0.95	1	1	2.329153
HL93_str_inv	BOBJ1	209.1433	After	Interior Girder 3	17.0833	0.95	1	1	2.314526
HL93_str_inv	BOBJ1	209.1433	After	Interior Girder 4	17.0833	0.95	1	1	2.314526
HL93_str_inv	BOBJ1	209.1433	After	Interior Girder 5	17.0833	0.95	1	1	2.329153
HL93_str_inv	BOBJ1	209.1433	After	Interior Girder 6	17.0833	0.95	1	1	2.467068
HL93_str_inv	BOBJ1	209.1433	After	Right Exterior Girder	17.0833	0.95	1	1	3.420543
HL93_str_inv	BOBJ1	214.76	Before	Left Exterior Girder	22.7	0.95	1	1	2.381682
HL93_str_inv	BOBJ1	214.76	Before	Interior Girder 1	22.7	0.95	1	1	1.925452
HL93_str_inv	BOBJ1	214.76	Before	Interior Girder 2	22.7	0.95	1	1	1.812826
HL93_str_inv	BOBJ1	214.76	Before	Interior Girder 3	22.7	0.95	1	1	1.784265
HL93_str_inv	BOBJ1	214.76	Before	Interior Girder 4	22.7	0.95	1	1	1.784265
HL93_str_inv	BOBJ1	214.76	Before	Interior Girder 5	22.7	0.95	1	1	1.812826
HL93_str_inv	BOBJ1	214.76	Before	Interior Girder 6	22.7	0.95	1	1	1.925452
HL93_str_inv	BOBJ1	214.76	Before	Right Exterior Girder	22.7	0.95	1	1	2.381682
HL93_str_inv	BOBJ1	214.76	After	Left Exterior Girder	22.7	0.95	1	1	2.396042
HL93_str_inv	BOBJ1	214.76	After	Interior Girder 1	22.7	0.95	1	1	1.919703
HL93_str_inv	BOBJ1	214.76	After	Interior Girder 2	22.7	0.95	1	1	1.817999
HL93_str_inv	BOBJ1	214.76	After	Interior Girder 3	22.7	0.95	1	1	1.798597
HL93_str_inv	BOBJ1	214.76	After	Interior Girder 4	22.7	0.95	1	1	1.798597
HL93_str_inv	BOBJ1	214.76	After	Interior Girder 5	22.7	0.95	1	1	1.817999

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelINonCompStrgth-Flx - Approach, Span 12-1									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
HL93_str_inv	BOBJ1	214.76	After	Interior Girder 6	22.7	0.95	1	1	1.919703
HL93_str_inv	BOBJ1	214.76	After	Right Exterior Girder	22.7	0.95	1	1	2.396042
HL93_str_inv	BOBJ1	220.3767	Before	Left Exterior Girder	28.3167	0.95	1	1	2.123339
HL93_str_inv	BOBJ1	220.3767	Before	Interior Girder 1	28.3167	0.95	1	1	1.625708
HL93_str_inv	BOBJ1	220.3767	Before	Interior Girder 2	28.3167	0.95	1	1	1.551808
HL93_str_inv	BOBJ1	220.3767	Before	Interior Girder 3	28.3167	0.95	1	1	1.512414
HL93_str_inv	BOBJ1	220.3767	Before	Interior Girder 4	28.3167	0.95	1	1	1.512414
HL93_str_inv	BOBJ1	220.3767	Before	Interior Girder 5	28.3167	0.95	1	1	1.551808
HL93_str_inv	BOBJ1	220.3767	Before	Interior Girder 6	28.3167	0.95	1	1	1.625708
HL93_str_inv	BOBJ1	220.3767	Before	Right Exterior Girder	28.3167	0.95	1	1	2.123339
HL93_str_inv	BOBJ1	220.3767	After	Left Exterior Girder	28.3167	0.95	1	1	2.136884
HL93_str_inv	BOBJ1	220.3767	After	Interior Girder 1	28.3167	0.95	1	1	1.621624
HL93_str_inv	BOBJ1	220.3767	After	Interior Girder 2	28.3167	0.95	1	1	1.550909
HL93_str_inv	BOBJ1	220.3767	After	Interior Girder 3	28.3167	0.95	1	1	1.518606
HL93_str_inv	BOBJ1	220.3767	After	Interior Girder 4	28.3167	0.95	1	1	1.518606
HL93_str_inv	BOBJ1	220.3767	After	Interior Girder 5	28.3167	0.95	1	1	1.550909
HL93_str_inv	BOBJ1	220.3767	After	Interior Girder 6	28.3167	0.95	1	1	1.621624
HL93_str_inv	BOBJ1	220.3767	After	Right Exterior Girder	28.3167	0.95	1	1	2.136884
HL93_str_inv	BOBJ1	225.9933	Before	Left Exterior Girder	33.9333	0.95	1	1	2.056632
HL93_str_inv	BOBJ1	225.9933	Before	Interior Girder 1	33.9333	0.95	1	1	1.561791
HL93_str_inv	BOBJ1	225.9933	Before	Interior Girder 2	33.9333	0.95	1	1	1.501132
HL93_str_inv	BOBJ1	225.9933	Before	Interior Girder 3	33.9333	0.95	1	1	1.465626
HL93_str_inv	BOBJ1	225.9933	Before	Interior Girder 4	33.9333	0.95	1	1	1.465626
HL93_str_inv	BOBJ1	225.9933	Before	Interior Girder 5	33.9333	0.95	1	1	1.501132
HL93_str_inv	BOBJ1	225.9933	Before	Interior Girder 6	33.9333	0.95	1	1	1.561791
HL93_str_inv	BOBJ1	225.9933	Before	Right Exterior Girder	33.9333	0.95	1	1	2.056632
HL93_str_inv	BOBJ1	225.9933	After	Left Exterior Girder	33.9333	0.95	1	1	2.04183
HL93_str_inv	BOBJ1	225.9933	After	Interior Girder 1	33.9333	0.95	1	1	1.567216
HL93_str_inv	BOBJ1	225.9933	After	Interior Girder 2	33.9333	0.95	1	1	1.499262
HL93_str_inv	BOBJ1	225.9933	After	Interior Girder 3	33.9333	0.95	1	1	1.458645
HL93_str_inv	BOBJ1	225.9933	After	Interior Girder 4	33.9333	0.95	1	1	1.458645
HL93_str_inv	BOBJ1	225.9933	After	Interior Girder 5	33.9333	0.95	1	1	1.499262
HL93_str_inv	BOBJ1	225.9933	After	Interior Girder 6	33.9333	0.95	1	1	1.567216
HL93_str_inv	BOBJ1	225.9933	After	Right Exterior Girder	33.9333	0.95	1	1	2.04183
HL93_str_inv	BOBJ1	231.61	Before	Left Exterior Girder	39.55	0.95	1	1	2.184608
HL93_str_inv	BOBJ1	231.61	Before	Interior Girder 1	39.55	0.95	1	1	1.751506
HL93_str_inv	BOBJ1	231.61	Before	Interior Girder 2	39.55	0.95	1	1	1.668577
HL93_str_inv	BOBJ1	231.61	Before	Interior Girder 3	39.55	0.95	1	1	1.629523
HL93_str_inv	BOBJ1	231.61	Before	Interior Girder 4	39.55	0.95	1	1	1.629523
HL93_str_inv	BOBJ1	231.61	Before	Interior Girder 5	39.55	0.95	1	1	1.668577
HL93_str_inv	BOBJ1	231.61	Before	Interior Girder 6	39.55	0.95	1	1	1.751506
HL93_str_inv	BOBJ1	231.61	Before	Right Exterior Girder	39.55	0.95	1	1	2.184608
HL93_str_inv	BOBJ1	231.61	After	Left Exterior Girder	39.55	0.95	1	1	2.180058
HL93_str_inv	BOBJ1	231.61	After	Interior Girder 1	39.55	0.95	1	1	1.752531
HL93_str_inv	BOBJ1	231.61	After	Interior Girder 2	39.55	0.95	1	1	1.655575
HL93_str_inv	BOBJ1	231.61	After	Interior Girder 3	39.55	0.95	1	1	1.606112
HL93_str_inv	BOBJ1	231.61	After	Interior Girder 4	39.55	0.95	1	1	1.606112
HL93_str_inv	BOBJ1	231.61	After	Interior Girder 5	39.55	0.95	1	1	1.655575
HL93_str_inv	BOBJ1	231.61	After	Interior Girder 6	39.55	0.95	1	1	1.752531
HL93_str_inv	BOBJ1	231.61	After	Right Exterior Girder	39.55	0.95	1	1	2.180058
HL93_str_inv	BOBJ1	237.37	Before	Left Exterior Girder	45.31	0.95	1	1	2.976835
HL93_str_inv	BOBJ1	237.37	Before	Interior Girder 1	45.31	0.95	1	1	2.109348
HL93_str_inv	BOBJ1	237.37	Before	Interior Girder 2	45.31	0.95	1	1	2.018728
HL93_str_inv	BOBJ1	237.37	Before	Interior Girder 3	45.31	0.95	1	1	1.942258
HL93_str_inv	BOBJ1	237.37	Before	Interior Girder 4	45.31	0.95	1	1	1.942258
HL93_str_inv	BOBJ1	237.37	Before	Interior Girder 5	45.31	0.95	1	1	2.018728
HL93_str_inv	BOBJ1	237.37	Before	Interior Girder 6	45.31	0.95	1	1	2.109348
HL93_str_inv	BOBJ1	237.37	Before	Right Exterior Girder	45.31	0.95	1	1	2.976835
HL93_str_inv	BOBJ1	237.37	After	Left Exterior Girder	45.31	0.95	1	1	3.00108
HL93_str_inv	BOBJ1	237.37	After	Interior Girder 1	45.31	0.95	1	1	2.099064
HL93_str_inv	BOBJ1	237.37	After	Interior Girder 2	45.31	0.95	1	1	1.980114
HL93_str_inv	BOBJ1	237.37	After	Interior Girder 3	45.31	0.95	1	1	1.884339
HL93_str_inv	BOBJ1	237.37	After	Interior Girder 4	45.31	0.95	1	1	1.884339
HL93_str_inv	BOBJ1	237.37	After	Interior Girder 5	45.31	0.95	1	1	1.980114
HL93_str_inv	BOBJ1	237.37	After	Interior Girder 6	45.31	0.95	1	1	2.099064

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelINonCompStrgth-Flx - Approach, Span 12-1									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
HL93_str_inv	BOBJ1	237.37	After	Right Exterior Girder	45.31	0.95	1	1	3.00108
HL93_str_inv	BOBJ1	243.13	Before	Left Exterior Girder	51.07	0.95	1	1	5.827098
HL93_str_inv	BOBJ1	243.13	Before	Interior Girder 1	51.07	0.95	1	1	3.549475
HL93_str_inv	BOBJ1	243.13	Before	Interior Girder 2	51.07	0.95	1	1	3.407297
HL93_str_inv	BOBJ1	243.13	Before	Interior Girder 3	51.07	0.95	1	1	3.08611
HL93_str_inv	BOBJ1	243.13	Before	Interior Girder 4	51.07	0.95	1	1	3.08611
HL93_str_inv	BOBJ1	243.13	Before	Interior Girder 5	51.07	0.95	1	1	3.407297
HL93_str_inv	BOBJ1	243.13	Before	Interior Girder 6	51.07	0.95	1	1	3.549475
HL93_str_inv	BOBJ1	243.13	Before	Right Exterior Girder	51.07	0.95	1	1	5.827098
HL93_str_inv	BOBJ1	243.13	After	Left Exterior Girder	51.07	0.95	1	1	5.794707
HL93_str_inv	BOBJ1	243.13	After	Interior Girder 1	51.07	0.95	1	1	3.51569
HL93_str_inv	BOBJ1	243.13	After	Interior Girder 2	51.07	0.95	1	1	3.332474
HL93_str_inv	BOBJ1	243.13	After	Interior Girder 3	51.07	0.95	1	1	2.931057
HL93_str_inv	BOBJ1	243.13	After	Interior Girder 4	51.07	0.95	1	1	2.931057
HL93_str_inv	BOBJ1	243.13	After	Interior Girder 5	51.07	0.95	1	1	3.332474
HL93_str_inv	BOBJ1	243.13	After	Interior Girder 6	51.07	0.95	1	1	3.51569
HL93_str_inv	BOBJ1	243.13	After	Right Exterior Girder	51.07	0.95	1	1	5.794707
HL93_str_inv	BOBJ1	248.89	Before	Left Exterior Girder	56.83	0.95	1	1	295.275398
HL93_str_inv	BOBJ1	248.89	Before	Interior Girder 1	56.83	0.95	1	1	268.54267
HL93_str_inv	BOBJ1	248.89	Before	Interior Girder 2	56.83	0.95	1	1	173.526306
HL93_str_inv	BOBJ1	248.89	Before	Interior Girder 3	56.83	0.95	1	1	135.950426
HL93_str_inv	BOBJ1	248.89	Before	Interior Girder 4	56.83	0.95	1	1	135.950426
HL93_str_inv	BOBJ1	248.89	Before	Interior Girder 5	56.83	0.95	1	1	173.526306
HL93_str_inv	BOBJ1	248.89	Before	Interior Girder 6	56.83	0.95	1	1	268.54267
HL93_str_inv	BOBJ1	248.89	Before	Right Exterior Girder	56.83	0.95	1	1	295.275398
HS20_str_opr	BOBJ1	0	After	Left Exterior Girder	0	0.95	1	1	270.988102
HS20_str_opr	BOBJ1	0	After	Interior Girder 1	0	0.95	1	1	259.260567
HS20_str_opr	BOBJ1	0	After	Interior Girder 2	0	0.95	1	1	185.22076
HS20_str_opr	BOBJ1	0	After	Interior Girder 3	0	0.95	1	1	148.802665
HS20_str_opr	BOBJ1	0	After	Interior Girder 4	0	0.95	1	1	148.802665
HS20_str_opr	BOBJ1	0	After	Interior Girder 5	0	0.95	1	1	185.22076
HS20_str_opr	BOBJ1	0	After	Interior Girder 6	0	0.95	1	1	259.260567
HS20_str_opr	BOBJ1	0	After	Right Exterior Girder	0	0.95	1	1	270.988102
HS20_str_opr	BOBJ1	5.85	Before	Left Exterior Girder	5.85	0.95	1	1	6.335669
HS20_str_opr	BOBJ1	5.85	Before	Interior Girder 1	5.85	0.95	1	1	4.49386
HS20_str_opr	BOBJ1	5.85	Before	Interior Girder 2	5.85	0.95	1	1	4.159547
HS20_str_opr	BOBJ1	5.85	Before	Interior Girder 3	5.85	0.95	1	1	3.67041
HS20_str_opr	BOBJ1	5.85	Before	Interior Girder 4	5.85	0.95	1	1	3.67041
HS20_str_opr	BOBJ1	5.85	Before	Interior Girder 5	5.85	0.95	1	1	4.159547
HS20_str_opr	BOBJ1	5.85	Before	Interior Girder 6	5.85	0.95	1	1	4.49386
HS20_str_opr	BOBJ1	5.85	Before	Right Exterior Girder	5.85	0.95	1	1	6.335669
HS20_str_opr	BOBJ1	5.85	After	Left Exterior Girder	5.85	0.95	1	1	6.401378
HS20_str_opr	BOBJ1	5.85	After	Interior Girder 1	5.85	0.95	1	1	4.497459
HS20_str_opr	BOBJ1	5.85	After	Interior Girder 2	5.85	0.95	1	1	4.226007
HS20_str_opr	BOBJ1	5.85	After	Interior Girder 3	5.85	0.95	1	1	3.840039
HS20_str_opr	BOBJ1	5.85	After	Interior Girder 4	5.85	0.95	1	1	3.840039
HS20_str_opr	BOBJ1	5.85	After	Interior Girder 5	5.85	0.95	1	1	4.226007
HS20_str_opr	BOBJ1	5.85	After	Interior Girder 6	5.85	0.95	1	1	4.497459
HS20_str_opr	BOBJ1	5.85	After	Right Exterior Girder	5.85	0.95	1	1	6.401378
HS20_str_opr	BOBJ1	11.4667	Before	Left Exterior Girder	11.4667	0.95	1	1	3.535038
HS20_str_opr	BOBJ1	11.4667	Before	Interior Girder 1	11.4667	0.95	1	1	2.55788
HS20_str_opr	BOBJ1	11.4667	Before	Interior Girder 2	11.4667	0.95	1	1	2.406205
HS20_str_opr	BOBJ1	11.4667	Before	Interior Girder 3	11.4667	0.95	1	1	2.251959
HS20_str_opr	BOBJ1	11.4667	Before	Interior Girder 4	11.4667	0.95	1	1	2.251959
HS20_str_opr	BOBJ1	11.4667	Before	Interior Girder 5	11.4667	0.95	1	1	2.406205
HS20_str_opr	BOBJ1	11.4667	Before	Interior Girder 6	11.4667	0.95	1	1	2.55788
HS20_str_opr	BOBJ1	11.4667	Before	Right Exterior Girder	11.4667	0.95	1	1	3.535038
HS20_str_opr	BOBJ1	11.4667	After	Left Exterior Girder	11.4667	0.95	1	1	3.582376
HS20_str_opr	BOBJ1	11.4667	After	Interior Girder 1	11.4667	0.95	1	1	2.540491
HS20_str_opr	BOBJ1	11.4667	After	Interior Girder 2	11.4667	0.95	1	1	2.432138
HS20_str_opr	BOBJ1	11.4667	After	Interior Girder 3	11.4667	0.95	1	1	2.312668
HS20_str_opr	BOBJ1	11.4667	After	Interior Girder 4	11.4667	0.95	1	1	2.312668
HS20_str_opr	BOBJ1	11.4667	After	Interior Girder 5	11.4667	0.95	1	1	2.432138
HS20_str_opr	BOBJ1	11.4667	After	Interior Girder 6	11.4667	0.95	1	1	2.540491
HS20_str_opr	BOBJ1	11.4667	After	Right Exterior Girder	11.4667	0.95	1	1	3.582376

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelINonCompStrgth-Flx - Approach, Span 12-1									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
HS20_str_opr	BOBJ1	17.0833	Before	Left Exterior Girder	17.0833	0.95	1	1	2.702432
HS20_str_opr	BOBJ1	17.0833	Before	Interior Girder 1	17.0833	0.95	1	1	2.079328
HS20_str_opr	BOBJ1	17.0833	Before	Interior Girder 2	17.0833	0.95	1	1	1.979794
HS20_str_opr	BOBJ1	17.0833	Before	Interior Girder 3	17.0833	0.95	1	1	1.904573
HS20_str_opr	BOBJ1	17.0833	Before	Interior Girder 4	17.0833	0.95	1	1	1.904573
HS20_str_opr	BOBJ1	17.0833	Before	Interior Girder 5	17.0833	0.95	1	1	1.979794
HS20_str_opr	BOBJ1	17.0833	Before	Interior Girder 6	17.0833	0.95	1	1	2.079328
HS20_str_opr	BOBJ1	17.0833	Before	Right Exterior Girder	17.0833	0.95	1	1	2.702432
HS20_str_opr	BOBJ1	17.0833	After	Left Exterior Girder	17.0833	0.95	1	1	2.699658
HS20_str_opr	BOBJ1	17.0833	After	Interior Girder 1	17.0833	0.95	1	1	2.084941
HS20_str_opr	BOBJ1	17.0833	After	Interior Girder 2	17.0833	0.95	1	1	2.003438
HS20_str_opr	BOBJ1	17.0833	After	Interior Girder 3	17.0833	0.95	1	1	1.937025
HS20_str_opr	BOBJ1	17.0833	After	Interior Girder 4	17.0833	0.95	1	1	1.937025
HS20_str_opr	BOBJ1	17.0833	After	Interior Girder 5	17.0833	0.95	1	1	2.003438
HS20_str_opr	BOBJ1	17.0833	After	Interior Girder 6	17.0833	0.95	1	1	2.084941
HS20_str_opr	BOBJ1	17.0833	After	Right Exterior Girder	17.0833	0.95	1	1	2.699658
HS20_str_opr	BOBJ1	22.7	Before	Left Exterior Girder	22.7	0.95	1	1	2.38553
HS20_str_opr	BOBJ1	22.7	Before	Interior Girder 1	22.7	0.95	1	1	2.009031
HS20_str_opr	BOBJ1	22.7	Before	Interior Girder 2	22.7	0.95	1	1	1.923594
HS20_str_opr	BOBJ1	22.7	Before	Interior Girder 3	22.7	0.95	1	1	1.877111
HS20_str_opr	BOBJ1	22.7	Before	Interior Girder 4	22.7	0.95	1	1	1.877111
HS20_str_opr	BOBJ1	22.7	Before	Interior Girder 5	22.7	0.95	1	1	1.923594
HS20_str_opr	BOBJ1	22.7	Before	Interior Girder 6	22.7	0.95	1	1	2.009031
HS20_str_opr	BOBJ1	22.7	Before	Right Exterior Girder	22.7	0.95	1	1	2.38553
HS20_str_opr	BOBJ1	22.7	After	Left Exterior Girder	22.7	0.95	1	1	2.392656
HS20_str_opr	BOBJ1	22.7	After	Interior Girder 1	22.7	0.95	1	1	2.006512
HS20_str_opr	BOBJ1	22.7	After	Interior Girder 2	22.7	0.95	1	1	1.92655
HS20_str_opr	BOBJ1	22.7	After	Interior Girder 3	22.7	0.95	1	1	1.884865
HS20_str_opr	BOBJ1	22.7	After	Interior Girder 4	22.7	0.95	1	1	1.884865
HS20_str_opr	BOBJ1	22.7	After	Interior Girder 5	22.7	0.95	1	1	1.92655
HS20_str_opr	BOBJ1	22.7	After	Interior Girder 6	22.7	0.95	1	1	2.006512
HS20_str_opr	BOBJ1	22.7	After	Right Exterior Girder	22.7	0.95	1	1	2.392656
HS20_str_opr	BOBJ1	28.3167	Before	Left Exterior Girder	28.3167	0.95	1	1	2.624979
HS20_str_opr	BOBJ1	28.3167	Before	Interior Girder 1	28.3167	0.95	1	1	2.05074
HS20_str_opr	BOBJ1	28.3167	Before	Interior Girder 2	28.3167	0.95	1	1	1.963076
HS20_str_opr	BOBJ1	28.3167	Before	Interior Girder 3	28.3167	0.95	1	1	1.91215
HS20_str_opr	BOBJ1	28.3167	Before	Interior Girder 4	28.3167	0.95	1	1	1.91215
HS20_str_opr	BOBJ1	28.3167	Before	Interior Girder 5	28.3167	0.95	1	1	1.963076
HS20_str_opr	BOBJ1	28.3167	Before	Interior Girder 6	28.3167	0.95	1	1	2.05074
HS20_str_opr	BOBJ1	28.3167	Before	Right Exterior Girder	28.3167	0.95	1	1	2.624979
HS20_str_opr	BOBJ1	28.3167	After	Left Exterior Girder	28.3167	0.95	1	1	2.634262
HS20_str_opr	BOBJ1	28.3167	After	Interior Girder 1	28.3167	0.95	1	1	2.039172
HS20_str_opr	BOBJ1	28.3167	After	Interior Girder 2	28.3167	0.95	1	1	1.948249
HS20_str_opr	BOBJ1	28.3167	After	Interior Girder 3	28.3167	0.95	1	1	1.888157
HS20_str_opr	BOBJ1	28.3167	After	Interior Girder 4	28.3167	0.95	1	1	1.888157
HS20_str_opr	BOBJ1	28.3167	After	Interior Girder 5	28.3167	0.95	1	1	1.948249
HS20_str_opr	BOBJ1	28.3167	After	Interior Girder 6	28.3167	0.95	1	1	2.039172
HS20_str_opr	BOBJ1	28.3167	After	Right Exterior Girder	28.3167	0.95	1	1	2.634262
HS20_str_opr	BOBJ1	33.9333	Before	Left Exterior Girder	33.9333	0.95	1	1	3.207497
HS20_str_opr	BOBJ1	33.9333	Before	Interior Girder 1	33.9333	0.95	1	1	2.375295
HS20_str_opr	BOBJ1	33.9333	Before	Interior Girder 2	33.9333	0.95	1	1	2.265391
HS20_str_opr	BOBJ1	33.9333	Before	Interior Girder 3	33.9333	0.95	1	1	2.215009
HS20_str_opr	BOBJ1	33.9333	Before	Interior Girder 4	33.9333	0.95	1	1	2.215009
HS20_str_opr	BOBJ1	33.9333	Before	Interior Girder 5	33.9333	0.95	1	1	2.265391
HS20_str_opr	BOBJ1	33.9333	Before	Interior Girder 6	33.9333	0.95	1	1	2.375295
HS20_str_opr	BOBJ1	33.9333	Before	Right Exterior Girder	33.9333	0.95	1	1	3.207497
HS20_str_opr	BOBJ1	33.9333	After	Left Exterior Girder	33.9333	0.95	1	1	3.1646
HS20_str_opr	BOBJ1	33.9333	After	Interior Girder 1	33.9333	0.95	1	1	2.391132
HS20_str_opr	BOBJ1	33.9333	After	Interior Girder 2	33.9333	0.95	1	1	2.263769
HS20_str_opr	BOBJ1	33.9333	After	Interior Girder 3	33.9333	0.95	1	1	2.19142
HS20_str_opr	BOBJ1	33.9333	After	Interior Girder 4	33.9333	0.95	1	1	2.19142
HS20_str_opr	BOBJ1	33.9333	After	Interior Girder 5	33.9333	0.95	1	1	2.263769
HS20_str_opr	BOBJ1	33.9333	After	Interior Girder 6	33.9333	0.95	1	1	2.391132
HS20_str_opr	BOBJ1	33.9333	After	Right Exterior Girder	33.9333	0.95	1	1	3.1646
HS20_str_opr	BOBJ1	39.55	Before	Left Exterior Girder	39.55	0.95	1	1	4.44745

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelINonCompStrgth-Flx - Approach, Span 12-1									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
HS20_str_opr	BOBJ1	39.55	Before	Interior Girder 1	39.55	0.95	1	1	3.419659
HS20_str_opr	BOBJ1	39.55	Before	Interior Girder 2	39.55	0.95	1	1	3.172112
HS20_str_opr	BOBJ1	39.55	Before	Interior Girder 3	39.55	0.95	1	1	3.115731
HS20_str_opr	BOBJ1	39.55	Before	Interior Girder 4	39.55	0.95	1	1	3.115731
HS20_str_opr	BOBJ1	39.55	Before	Interior Girder 5	39.55	0.95	1	1	3.172112
HS20_str_opr	BOBJ1	39.55	Before	Interior Girder 6	39.55	0.95	1	1	3.419659
HS20_str_opr	BOBJ1	39.55	Before	Right Exterior Girder	39.55	0.95	1	1	4.44745
HS20_str_opr	BOBJ1	39.55	After	Left Exterior Girder	39.55	0.95	1	1	4.421253
HS20_str_opr	BOBJ1	39.55	After	Interior Girder 1	39.55	0.95	1	1	3.425376
HS20_str_opr	BOBJ1	39.55	After	Interior Girder 2	39.55	0.95	1	1	3.151949
HS20_str_opr	BOBJ1	39.55	After	Interior Girder 3	39.55	0.95	1	1	3.059688
HS20_str_opr	BOBJ1	39.55	After	Interior Girder 4	39.55	0.95	1	1	3.059688
HS20_str_opr	BOBJ1	39.55	After	Interior Girder 5	39.55	0.95	1	1	3.151949
HS20_str_opr	BOBJ1	39.55	After	Interior Girder 6	39.55	0.95	1	1	3.425376
HS20_str_opr	BOBJ1	39.55	After	Right Exterior Girder	39.55	0.95	1	1	4.421253
HS20_str_opr	BOBJ1	45.1733	Before	Left Exterior Girder	45.1226	0.95	1	1	4.323816
HS20_str_opr	BOBJ1	45.1733	Before	Interior Girder 1	45.1226	0.95	1	1	4.478439
HS20_str_opr	BOBJ1	45.1733	Before	Interior Girder 2	45.1226	0.95	1	1	4.305185
HS20_str_opr	BOBJ1	45.1733	Before	Interior Girder 3	45.1226	0.95	1	1	4.368124
HS20_str_opr	BOBJ1	45.1733	Before	Interior Girder 4	45.1226	0.95	1	1	4.368124
HS20_str_opr	BOBJ1	45.1733	Before	Interior Girder 5	45.1226	0.95	1	1	4.305185
HS20_str_opr	BOBJ1	45.1733	Before	Interior Girder 6	45.1226	0.95	1	1	4.478439
HS20_str_opr	BOBJ1	45.1733	Before	Right Exterior Girder	45.1226	0.95	1	1	4.323816
HS20_str_opr	BOBJ1	45.1733	After	Left Exterior Girder	45.1226	0.95	1	1	3.458854
HS20_str_opr	BOBJ1	45.1733	After	Interior Girder 1	45.1226	0.95	1	1	3.574201
HS20_str_opr	BOBJ1	45.1733	After	Interior Girder 2	45.1226	0.95	1	1	3.420109
HS20_str_opr	BOBJ1	45.1733	After	Interior Girder 3	45.1226	0.95	1	1	3.490442
HS20_str_opr	BOBJ1	45.1733	After	Interior Girder 4	45.1226	0.95	1	1	3.490442
HS20_str_opr	BOBJ1	45.1733	After	Interior Girder 5	45.1226	0.95	1	1	3.420109
HS20_str_opr	BOBJ1	45.1733	After	Interior Girder 6	45.1226	0.95	1	1	3.574201
HS20_str_opr	BOBJ1	45.1733	After	Right Exterior Girder	45.1226	0.95	1	1	3.458854
HS20_str_opr	BOBJ1	49.2561	Before	Left Exterior Girder	49.2561	0.95	1	1	2.444603
HS20_str_opr	BOBJ1	49.2561	Before	Right Exterior Girder	49.2561	0.95	1	1	2.444603
HS20_str_opr	BOBJ1	49.2561	After	Left Exterior Girder	49.2561	0.95	1	1	2.484498
HS20_str_opr	BOBJ1	49.2561	After	Right Exterior Girder	49.2561	0.95	1	1	2.484498
HS20_str_opr	BOBJ1	50.7967	Before	Left Exterior Girder	50.7967	0.95	1	1	5.204429
HS20_str_opr	BOBJ1	50.7967	Before	Interior Girder 1	50.7967	0.95	1	1	2.521214
HS20_str_opr	BOBJ1	50.7967	Before	Interior Girder 2	50.7967	0.95	1	1	2.41626
HS20_str_opr	BOBJ1	50.7967	Before	Interior Girder 3	50.7967	0.95	1	1	2.293395
HS20_str_opr	BOBJ1	50.7967	Before	Interior Girder 4	50.7967	0.95	1	1	2.293395
HS20_str_opr	BOBJ1	50.7967	Before	Interior Girder 5	50.7967	0.95	1	1	2.41626
HS20_str_opr	BOBJ1	50.7967	Before	Interior Girder 6	50.7967	0.95	1	1	2.521214
HS20_str_opr	BOBJ1	50.7967	Before	Right Exterior Girder	50.7967	0.95	1	1	5.204429
HS20_str_opr	BOBJ1	50.7967	After	Left Exterior Girder	50.7967	0.95	1	1	5.17227
HS20_str_opr	BOBJ1	50.7967	After	Interior Girder 1	50.7967	0.95	1	1	2.514749
HS20_str_opr	BOBJ1	50.7967	After	Interior Girder 2	50.7967	0.95	1	1	2.397749
HS20_str_opr	BOBJ1	50.7967	After	Interior Girder 3	50.7967	0.95	1	1	2.286104
HS20_str_opr	BOBJ1	50.7967	After	Interior Girder 4	50.7967	0.95	1	1	2.286104
HS20_str_opr	BOBJ1	50.7967	After	Interior Girder 5	50.7967	0.95	1	1	2.397749
HS20_str_opr	BOBJ1	50.7967	After	Interior Girder 6	50.7967	0.95	1	1	2.514749
HS20_str_opr	BOBJ1	50.7967	After	Right Exterior Girder	50.7967	0.95	1	1	5.17227
HS20_str_opr	BOBJ1	51.3989	Before	Interior Girder 1	51.3989	0.95	1	1	2.393144
HS20_str_opr	BOBJ1	51.3989	Before	Interior Girder 2	51.3989	0.95	1	1	2.300176
HS20_str_opr	BOBJ1	51.3989	Before	Interior Girder 3	51.3989	0.95	1	1	2.170343
HS20_str_opr	BOBJ1	51.3989	Before	Interior Girder 4	51.3989	0.95	1	1	2.170343
HS20_str_opr	BOBJ1	51.3989	Before	Interior Girder 5	51.3989	0.95	1	1	2.300176
HS20_str_opr	BOBJ1	51.3989	Before	Interior Girder 6	51.3989	0.95	1	1	2.393144
HS20_str_opr	BOBJ1	51.3989	After	Interior Girder 1	51.3989	0.95	1	1	3.657973
HS20_str_opr	BOBJ1	51.3989	After	Interior Girder 2	51.3989	0.95	1	1	3.471149
HS20_str_opr	BOBJ1	51.3989	After	Interior Girder 3	51.3989	0.95	1	1	3.321003
HS20_str_opr	BOBJ1	51.3989	After	Interior Girder 4	51.3989	0.95	1	1	3.321003
HS20_str_opr	BOBJ1	51.3989	After	Interior Girder 5	51.3989	0.95	1	1	3.471149
HS20_str_opr	BOBJ1	51.3989	After	Interior Girder 6	51.3989	0.95	1	1	3.657973
HS20_str_opr	BOBJ1	56.42	Before	Left Exterior Girder	56.42	0.95	1	1	3.604827
HS20_str_opr	BOBJ1	56.42	Before	Interior Girder 1	56.42	0.95	1	1	2.556731

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelINonCompStrgth-Flx - Approach, Span 12-1									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
HS20_str_opr	BOBJ1	56.42	Before	Interior Girder 2	56.42	0.95	1	1	2.416416
HS20_str_opr	BOBJ1	56.42	Before	Interior Girder 3	56.42	0.95	1	1	2.025555
HS20_str_opr	BOBJ1	56.42	Before	Interior Girder 4	56.42	0.95	1	1	2.025555
HS20_str_opr	BOBJ1	56.42	Before	Interior Girder 5	56.42	0.95	1	1	2.416416
HS20_str_opr	BOBJ1	56.42	Before	Interior Girder 6	56.42	0.95	1	1	2.556731
HS20_str_opr	BOBJ1	56.42	Before	Right Exterior Girder	56.42	0.95	1	1	3.604827
HS20_str_opr	BOBJ1	56.42	After	Left Exterior Girder	0	0.95	1	1	3.694506
HS20_str_opr	BOBJ1	56.42	After	Interior Girder 1	0	0.95	1	1	2.363931
HS20_str_opr	BOBJ1	56.42	After	Interior Girder 2	0	0.95	1	1	2.266671
HS20_str_opr	BOBJ1	56.42	After	Interior Girder 3	0	0.95	1	1	1.910019
HS20_str_opr	BOBJ1	56.42	After	Interior Girder 4	0	0.95	1	1	1.910019
HS20_str_opr	BOBJ1	56.42	After	Interior Girder 5	0	0.95	1	1	2.266671
HS20_str_opr	BOBJ1	56.42	After	Interior Girder 6	0	0.95	1	1	2.363931
HS20_str_opr	BOBJ1	56.42	After	Right Exterior Girder	0	0.95	1	1	3.694506
HS20_str_opr	BOBJ1	62.0367	Before	Left Exterior Girder	5.6167	0.95	1	1	6.64793
HS20_str_opr	BOBJ1	62.0367	Before	Interior Girder 1	5.6167	0.95	1	1	4.618931
HS20_str_opr	BOBJ1	62.0367	Before	Interior Girder 2	5.6167	0.95	1	1	4.294987
HS20_str_opr	BOBJ1	62.0367	Before	Interior Girder 3	5.6167	0.95	1	1	4.01605
HS20_str_opr	BOBJ1	62.0367	Before	Interior Girder 4	5.6167	0.95	1	1	4.01605
HS20_str_opr	BOBJ1	62.0367	Before	Interior Girder 5	5.6167	0.95	1	1	4.294987
HS20_str_opr	BOBJ1	62.0367	Before	Interior Girder 6	5.6167	0.95	1	1	4.618931
HS20_str_opr	BOBJ1	62.0367	Before	Right Exterior Girder	5.6167	0.95	1	1	6.64793
HS20_str_opr	BOBJ1	62.0367	After	Left Exterior Girder	5.6167	0.95	1	1	6.572971
HS20_str_opr	BOBJ1	62.0367	After	Interior Girder 1	5.6167	0.95	1	1	4.703295
HS20_str_opr	BOBJ1	62.0367	After	Interior Girder 2	5.6167	0.95	1	1	4.371529
HS20_str_opr	BOBJ1	62.0367	After	Interior Girder 3	5.6167	0.95	1	1	4.091101
HS20_str_opr	BOBJ1	62.0367	After	Interior Girder 4	5.6167	0.95	1	1	4.091101
HS20_str_opr	BOBJ1	62.0367	After	Interior Girder 5	5.6167	0.95	1	1	4.371529
HS20_str_opr	BOBJ1	62.0367	After	Interior Girder 6	5.6167	0.95	1	1	4.703295
HS20_str_opr	BOBJ1	62.0367	After	Right Exterior Girder	5.6167	0.95	1	1	6.572971
HS20_str_opr	BOBJ1	62.4203	Before	Interior Girder 1	6.0003	0.95	1	1	4.809289
HS20_str_opr	BOBJ1	62.4203	Before	Interior Girder 2	6.0003	0.95	1	1	4.460412
HS20_str_opr	BOBJ1	62.4203	Before	Interior Girder 3	6.0003	0.95	1	1	4.198577
HS20_str_opr	BOBJ1	62.4203	Before	Interior Girder 4	6.0003	0.95	1	1	4.198577
HS20_str_opr	BOBJ1	62.4203	Before	Interior Girder 5	6.0003	0.95	1	1	4.460412
HS20_str_opr	BOBJ1	62.4203	Before	Interior Girder 6	6.0003	0.95	1	1	4.809289
HS20_str_opr	BOBJ1	62.4203	After	Interior Girder 1	6.0003	0.95	1	1	3.154214
HS20_str_opr	BOBJ1	62.4203	After	Interior Girder 2	6.0003	0.95	1	1	2.973532
HS20_str_opr	BOBJ1	62.4203	After	Interior Girder 3	6.0003	0.95	1	1	2.755795
HS20_str_opr	BOBJ1	62.4203	After	Interior Girder 4	6.0003	0.95	1	1	2.755795
HS20_str_opr	BOBJ1	62.4203	After	Interior Girder 5	6.0003	0.95	1	1	2.973532
HS20_str_opr	BOBJ1	62.4203	After	Interior Girder 6	6.0003	0.95	1	1	3.154214
HS20_str_opr	BOBJ1	64.9204	Before	Left Exterior Girder	8.5004	0.95	1	1	7.630645
HS20_str_opr	BOBJ1	64.9204	Before	Right Exterior Girder	8.5004	0.95	1	1	7.630645
HS20_str_opr	BOBJ1	64.9204	After	Left Exterior Girder	8.5004	0.95	1	1	3.44708
HS20_str_opr	BOBJ1	64.9204	After	Right Exterior Girder	8.5004	0.95	1	1	3.44708
HS20_str_opr	BOBJ1	67.6533	Before	Left Exterior Girder	11.2333	0.95	1	1	4.295959
HS20_str_opr	BOBJ1	67.6533	Before	Interior Girder 1	11.2333	0.95	1	1	4.362361
HS20_str_opr	BOBJ1	67.6533	Before	Interior Girder 2	11.2333	0.95	1	1	4.104548
HS20_str_opr	BOBJ1	67.6533	Before	Interior Girder 3	11.2333	0.95	1	1	4.098094
HS20_str_opr	BOBJ1	67.6533	Before	Interior Girder 4	11.2333	0.95	1	1	4.098094
HS20_str_opr	BOBJ1	67.6533	Before	Interior Girder 5	11.2333	0.95	1	1	4.104548
HS20_str_opr	BOBJ1	67.6533	Before	Interior Girder 6	11.2333	0.95	1	1	4.362361
HS20_str_opr	BOBJ1	67.6533	Before	Right Exterior Girder	11.2333	0.95	1	1	4.295959
HS20_str_opr	BOBJ1	67.6533	After	Left Exterior Girder	11.2333	0.95	1	1	4.250675
HS20_str_opr	BOBJ1	67.6533	After	Interior Girder 1	11.2333	0.95	1	1	4.403721
HS20_str_opr	BOBJ1	67.6533	After	Interior Girder 2	11.2333	0.95	1	1	4.165547
HS20_str_opr	BOBJ1	67.6533	After	Interior Girder 3	11.2333	0.95	1	1	4.139119
HS20_str_opr	BOBJ1	67.6533	After	Interior Girder 4	11.2333	0.95	1	1	4.139119
HS20_str_opr	BOBJ1	67.6533	After	Interior Girder 5	11.2333	0.95	1	1	4.165547
HS20_str_opr	BOBJ1	67.6533	After	Interior Girder 6	11.2333	0.95	1	1	4.403721
HS20_str_opr	BOBJ1	67.6533	After	Right Exterior Girder	11.2333	0.95	1	1	4.250675
HS20_str_opr	BOBJ1	73.27	Before	Left Exterior Girder	16.85	0.95	1	1	4.35967
HS20_str_opr	BOBJ1	73.27	Before	Interior Girder 1	16.85	0.95	1	1	3.365867
HS20_str_opr	BOBJ1	73.27	Before	Interior Girder 2	16.85	0.95	1	1	3.060425

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelINonCompStrgth-Flx - Approach, Span 12-1									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
HS20_str_opr	BOBJ1	73.27	Before	Interior Girder 3	16.85	0.95	1	1	2.943907
HS20_str_opr	BOBJ1	73.27	Before	Interior Girder 4	16.85	0.95	1	1	2.943907
HS20_str_opr	BOBJ1	73.27	Before	Interior Girder 5	16.85	0.95	1	1	3.060425
HS20_str_opr	BOBJ1	73.27	Before	Interior Girder 6	16.85	0.95	1	1	3.365867
HS20_str_opr	BOBJ1	73.27	Before	Right Exterior Girder	16.85	0.95	1	1	4.35967
HS20_str_opr	BOBJ1	73.27	After	Left Exterior Girder	16.85	0.95	1	1	4.43572
HS20_str_opr	BOBJ1	73.27	After	Interior Girder 1	16.85	0.95	1	1	3.333641
HS20_str_opr	BOBJ1	73.27	After	Interior Girder 2	16.85	0.95	1	1	3.062916
HS20_str_opr	BOBJ1	73.27	After	Interior Girder 3	16.85	0.95	1	1	2.981578
HS20_str_opr	BOBJ1	73.27	After	Interior Girder 4	16.85	0.95	1	1	2.981578
HS20_str_opr	BOBJ1	73.27	After	Interior Girder 5	16.85	0.95	1	1	3.062916
HS20_str_opr	BOBJ1	73.27	After	Interior Girder 6	16.85	0.95	1	1	3.333641
HS20_str_opr	BOBJ1	73.27	After	Right Exterior Girder	16.85	0.95	1	1	4.43572
HS20_str_opr	BOBJ1	78.8867	Before	Left Exterior Girder	22.4667	0.95	1	1	2.941999
HS20_str_opr	BOBJ1	78.8867	Before	Interior Girder 1	22.4667	0.95	1	1	2.250251
HS20_str_opr	BOBJ1	78.8867	Before	Interior Girder 2	22.4667	0.95	1	1	2.122299
HS20_str_opr	BOBJ1	78.8867	Before	Interior Girder 3	22.4667	0.95	1	1	2.04076
HS20_str_opr	BOBJ1	78.8867	Before	Interior Girder 4	22.4667	0.95	1	1	2.04076
HS20_str_opr	BOBJ1	78.8867	Before	Interior Girder 5	22.4667	0.95	1	1	2.122299
HS20_str_opr	BOBJ1	78.8867	Before	Interior Girder 6	22.4667	0.95	1	1	2.250251
HS20_str_opr	BOBJ1	78.8867	Before	Right Exterior Girder	22.4667	0.95	1	1	2.941999
HS20_str_opr	BOBJ1	78.8867	After	Left Exterior Girder	22.4667	0.95	1	1	2.994719
HS20_str_opr	BOBJ1	78.8867	After	Interior Girder 1	22.4667	0.95	1	1	2.229701
HS20_str_opr	BOBJ1	78.8867	After	Interior Girder 2	22.4667	0.95	1	1	2.11855
HS20_str_opr	BOBJ1	78.8867	After	Interior Girder 3	22.4667	0.95	1	1	2.061255
HS20_str_opr	BOBJ1	78.8867	After	Interior Girder 4	22.4667	0.95	1	1	2.061255
HS20_str_opr	BOBJ1	78.8867	After	Interior Girder 5	22.4667	0.95	1	1	2.11855
HS20_str_opr	BOBJ1	78.8867	After	Interior Girder 6	22.4667	0.95	1	1	2.229701
HS20_str_opr	BOBJ1	78.8867	After	Right Exterior Girder	22.4667	0.95	1	1	2.994719
HS20_str_opr	BOBJ1	84.5033	Before	Left Exterior Girder	28.0833	0.95	1	1	2.324124
HS20_str_opr	BOBJ1	84.5033	Before	Interior Girder 1	28.0833	0.95	1	1	1.867873
HS20_str_opr	BOBJ1	84.5033	Before	Interior Girder 2	28.0833	0.95	1	1	1.784471
HS20_str_opr	BOBJ1	84.5033	Before	Interior Girder 3	28.0833	0.95	1	1	1.732652
HS20_str_opr	BOBJ1	84.5033	Before	Interior Girder 4	28.0833	0.95	1	1	1.732652
HS20_str_opr	BOBJ1	84.5033	Before	Interior Girder 5	28.0833	0.95	1	1	1.784471
HS20_str_opr	BOBJ1	84.5033	Before	Interior Girder 6	28.0833	0.95	1	1	1.867873
HS20_str_opr	BOBJ1	84.5033	Before	Right Exterior Girder	28.0833	0.95	1	1	2.324124
HS20_str_opr	BOBJ1	84.5033	After	Left Exterior Girder	28.0833	0.95	1	1	2.325183
HS20_str_opr	BOBJ1	84.5033	After	Interior Girder 1	28.0833	0.95	1	1	1.874589
HS20_str_opr	BOBJ1	84.5033	After	Interior Girder 2	28.0833	0.95	1	1	1.795887
HS20_str_opr	BOBJ1	84.5033	After	Interior Girder 3	28.0833	0.95	1	1	1.753112
HS20_str_opr	BOBJ1	84.5033	After	Interior Girder 4	28.0833	0.95	1	1	1.753112
HS20_str_opr	BOBJ1	84.5033	After	Interior Girder 5	28.0833	0.95	1	1	1.795887
HS20_str_opr	BOBJ1	84.5033	After	Interior Girder 6	28.0833	0.95	1	1	1.874589
HS20_str_opr	BOBJ1	84.5033	After	Right Exterior Girder	28.0833	0.95	1	1	2.325183
HS20_str_opr	BOBJ1	90.12	Before	Left Exterior Girder	33.7	0.95	1	1	2.08647
HS20_str_opr	BOBJ1	90.12	Before	Interior Girder 1	33.7	0.95	1	1	1.849396
HS20_str_opr	BOBJ1	90.12	Before	Interior Girder 2	33.7	0.95	1	1	1.770191
HS20_str_opr	BOBJ1	90.12	Before	Interior Girder 3	33.7	0.95	1	1	1.72852
HS20_str_opr	BOBJ1	90.12	Before	Interior Girder 4	33.7	0.95	1	1	1.72852
HS20_str_opr	BOBJ1	90.12	Before	Interior Girder 5	33.7	0.95	1	1	1.770191
HS20_str_opr	BOBJ1	90.12	Before	Interior Girder 6	33.7	0.95	1	1	1.849396
HS20_str_opr	BOBJ1	90.12	Before	Right Exterior Girder	33.7	0.95	1	1	2.08647
HS20_str_opr	BOBJ1	90.12	After	Left Exterior Girder	33.7	0.95	1	1	2.091707
HS20_str_opr	BOBJ1	90.12	After	Interior Girder 1	33.7	0.95	1	1	1.844968
HS20_str_opr	BOBJ1	90.12	After	Interior Girder 2	33.7	0.95	1	1	1.76777
HS20_str_opr	BOBJ1	90.12	After	Interior Girder 3	33.7	0.95	1	1	1.726031
HS20_str_opr	BOBJ1	90.12	After	Interior Girder 4	33.7	0.95	1	1	1.726031
HS20_str_opr	BOBJ1	90.12	After	Interior Girder 5	33.7	0.95	1	1	1.76777
HS20_str_opr	BOBJ1	90.12	After	Interior Girder 6	33.7	0.95	1	1	1.844968
HS20_str_opr	BOBJ1	90.12	After	Right Exterior Girder	33.7	0.95	1	1	2.091707
HS20_str_opr	BOBJ1	95.7367	Before	Left Exterior Girder	39.3167	0.95	1	1	2.305842
HS20_str_opr	BOBJ1	95.7367	Before	Interior Girder 1	39.3167	0.95	1	1	1.86299
HS20_str_opr	BOBJ1	95.7367	Before	Interior Girder 2	39.3167	0.95	1	1	1.785386
HS20_str_opr	BOBJ1	95.7367	Before	Interior Girder 3	39.3167	0.95	1	1	1.744021

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelINonCompStrgth-Flx - Approach, Span 12-1									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
HS20_str_opr	BOBJ1	95.7367	Before	Interior Girder 4	39.3167	0.95	1	1	1.744021
HS20_str_opr	BOBJ1	95.7367	Before	Interior Girder 5	39.3167	0.95	1	1	1.785386
HS20_str_opr	BOBJ1	95.7367	Before	Interior Girder 6	39.3167	0.95	1	1	1.86299
HS20_str_opr	BOBJ1	95.7367	Before	Right Exterior Girder	39.3167	0.95	1	1	2.305842
HS20_str_opr	BOBJ1	95.7367	After	Left Exterior Girder	39.3167	0.95	1	1	2.305724
HS20_str_opr	BOBJ1	95.7367	After	Interior Girder 1	39.3167	0.95	1	1	1.855518
HS20_str_opr	BOBJ1	95.7367	After	Interior Girder 2	39.3167	0.95	1	1	1.774093
HS20_str_opr	BOBJ1	95.7367	After	Interior Girder 3	39.3167	0.95	1	1	1.724253
HS20_str_opr	BOBJ1	95.7367	After	Interior Girder 4	39.3167	0.95	1	1	1.724253
HS20_str_opr	BOBJ1	95.7367	After	Interior Girder 5	39.3167	0.95	1	1	1.774093
HS20_str_opr	BOBJ1	95.7367	After	Interior Girder 6	39.3167	0.95	1	1	1.855518
HS20_str_opr	BOBJ1	95.7367	After	Right Exterior Girder	39.3167	0.95	1	1	2.305724
HS20_str_opr	BOBJ1	101.3533	Before	Left Exterior Girder	44.9333	0.95	1	1	2.92482
HS20_str_opr	BOBJ1	101.3533	Before	Interior Girder 1	44.9333	0.95	1	1	2.202797
HS20_str_opr	BOBJ1	101.3533	Before	Interior Girder 2	44.9333	0.95	1	1	2.093711
HS20_str_opr	BOBJ1	101.3533	Before	Interior Girder 3	44.9333	0.95	1	1	2.042476
HS20_str_opr	BOBJ1	101.3533	Before	Interior Girder 4	44.9333	0.95	1	1	2.042476
HS20_str_opr	BOBJ1	101.3533	Before	Interior Girder 5	44.9333	0.95	1	1	2.093711
HS20_str_opr	BOBJ1	101.3533	Before	Interior Girder 6	44.9333	0.95	1	1	2.202797
HS20_str_opr	BOBJ1	101.3533	Before	Right Exterior Girder	44.9333	0.95	1	1	2.92482
HS20_str_opr	BOBJ1	101.3533	After	Left Exterior Girder	44.9333	0.95	1	1	2.875248
HS20_str_opr	BOBJ1	101.3533	After	Interior Girder 1	44.9333	0.95	1	1	2.222171
HS20_str_opr	BOBJ1	101.3533	After	Interior Girder 2	44.9333	0.95	1	1	2.098261
HS20_str_opr	BOBJ1	101.3533	After	Interior Girder 3	44.9333	0.95	1	1	2.023374
HS20_str_opr	BOBJ1	101.3533	After	Interior Girder 4	44.9333	0.95	1	1	2.023374
HS20_str_opr	BOBJ1	101.3533	After	Interior Girder 5	44.9333	0.95	1	1	2.098261
HS20_str_opr	BOBJ1	101.3533	After	Interior Girder 6	44.9333	0.95	1	1	2.222171
HS20_str_opr	BOBJ1	101.3533	After	Right Exterior Girder	44.9333	0.95	1	1	2.875248
HS20_str_opr	BOBJ1	106.97	Before	Left Exterior Girder	50.55	0.95	1	1	4.233754
HS20_str_opr	BOBJ1	106.97	Before	Interior Girder 1	50.55	0.95	1	1	3.263392
HS20_str_opr	BOBJ1	106.97	Before	Interior Girder 2	50.55	0.95	1	1	2.997411
HS20_str_opr	BOBJ1	106.97	Before	Interior Girder 3	50.55	0.95	1	1	2.930975
HS20_str_opr	BOBJ1	106.97	Before	Interior Girder 4	50.55	0.95	1	1	2.930975
HS20_str_opr	BOBJ1	106.97	Before	Interior Girder 5	50.55	0.95	1	1	2.997411
HS20_str_opr	BOBJ1	106.97	Before	Interior Girder 6	50.55	0.95	1	1	3.263392
HS20_str_opr	BOBJ1	106.97	Before	Right Exterior Girder	50.55	0.95	1	1	4.233754
HS20_str_opr	BOBJ1	106.97	After	Left Exterior Girder	50.55	0.95	1	1	4.197778
HS20_str_opr	BOBJ1	106.97	After	Interior Girder 1	50.55	0.95	1	1	3.270911
HS20_str_opr	BOBJ1	106.97	After	Interior Girder 2	50.55	0.95	1	1	2.984585
HS20_str_opr	BOBJ1	106.97	After	Interior Girder 3	50.55	0.95	1	1	2.885828
HS20_str_opr	BOBJ1	106.97	After	Interior Girder 4	50.55	0.95	1	1	2.885828
HS20_str_opr	BOBJ1	106.97	After	Interior Girder 5	50.55	0.95	1	1	2.984585
HS20_str_opr	BOBJ1	106.97	After	Interior Girder 6	50.55	0.95	1	1	3.270911
HS20_str_opr	BOBJ1	106.97	After	Right Exterior Girder	50.55	0.95	1	1	4.197778
HS20_str_opr	BOBJ1	112.5933	Before	Left Exterior Girder	56.1733	0.95	1	1	3.520766
HS20_str_opr	BOBJ1	112.5933	Before	Interior Girder 1	56.1733	0.95	1	1	3.721263
HS20_str_opr	BOBJ1	112.5933	Before	Interior Girder 2	56.1733	0.95	1	1	3.556365
HS20_str_opr	BOBJ1	112.5933	Before	Interior Girder 3	56.1733	0.95	1	1	3.583146
HS20_str_opr	BOBJ1	112.5933	Before	Interior Girder 4	56.1733	0.95	1	1	3.583146
HS20_str_opr	BOBJ1	112.5933	Before	Interior Girder 5	56.1733	0.95	1	1	3.556365
HS20_str_opr	BOBJ1	112.5933	Before	Interior Girder 6	56.1733	0.95	1	1	3.721263
HS20_str_opr	BOBJ1	112.5933	Before	Right Exterior Girder	56.1733	0.95	1	1	3.520766
HS20_str_opr	BOBJ1	112.5933	After	Left Exterior Girder	56.1733	0.95	1	1	3.555886
HS20_str_opr	BOBJ1	112.5933	After	Interior Girder 1	56.1733	0.95	1	1	3.693721
HS20_str_opr	BOBJ1	112.5933	After	Interior Girder 2	56.1733	0.95	1	1	3.51658
HS20_str_opr	BOBJ1	112.5933	After	Interior Girder 3	56.1733	0.95	1	1	3.556651
HS20_str_opr	BOBJ1	112.5933	After	Interior Girder 4	56.1733	0.95	1	1	3.556651
HS20_str_opr	BOBJ1	112.5933	After	Interior Girder 5	56.1733	0.95	1	1	3.51658
HS20_str_opr	BOBJ1	112.5933	After	Interior Girder 6	56.1733	0.95	1	1	3.693721
HS20_str_opr	BOBJ1	112.5933	After	Right Exterior Girder	56.1733	0.95	1	1	3.555886
HS20_str_opr	BOBJ1	115.3396	Before	Left Exterior Girder	58.9196	0.95	1	1	2.838269
HS20_str_opr	BOBJ1	115.3396	Before	Right Exterior Girder	58.9196	0.95	1	1	2.838269
HS20_str_opr	BOBJ1	115.3396	After	Left Exterior Girder	58.9196	0.95	1	1	6.33208
HS20_str_opr	BOBJ1	115.3396	After	Right Exterior Girder	58.9196	0.95	1	1	6.33208
HS20_str_opr	BOBJ1	118.2167	Before	Left Exterior Girder	61.7967	0.95	1	1	5.452046

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelINonCompStrgth-Flx - Approach, Span 12-1									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
HS20_str_opr	BOBJ1	118.2167	Before	Interior Girder 1	61.9198	0.95	1	1	2.5692
HS20_str_opr	BOBJ1	118.2167	Before	Interior Girder 2	61.9198	0.95	1	1	2.471915
HS20_str_opr	BOBJ1	118.2167	Before	Interior Girder 3	61.9198	0.95	1	1	2.318835
HS20_str_opr	BOBJ1	118.2167	Before	Interior Girder 4	61.9198	0.95	1	1	2.318835
HS20_str_opr	BOBJ1	118.2167	Before	Interior Girder 5	61.9198	0.95	1	1	2.471915
HS20_str_opr	BOBJ1	118.2167	Before	Interior Girder 6	61.9198	0.95	1	1	2.5692
HS20_str_opr	BOBJ1	118.2167	Before	Right Exterior Girder	61.7967	0.95	1	1	5.452046
HS20_str_opr	BOBJ1	118.2167	After	Left Exterior Girder	61.7967	0.95	1	1	5.459828
HS20_str_opr	BOBJ1	118.2167	After	Interior Girder 1	61.9198	0.95	1	1	3.95598
HS20_str_opr	BOBJ1	118.2167	After	Interior Girder 2	61.9198	0.95	1	1	3.704241
HS20_str_opr	BOBJ1	118.2167	After	Interior Girder 3	61.9198	0.95	1	1	3.531601
HS20_str_opr	BOBJ1	118.2167	After	Interior Girder 4	61.9198	0.95	1	1	3.531601
HS20_str_opr	BOBJ1	118.2167	After	Interior Girder 5	61.9198	0.95	1	1	3.704241
HS20_str_opr	BOBJ1	118.2167	After	Interior Girder 6	61.9198	0.95	1	1	3.95598
HS20_str_opr	BOBJ1	118.2167	After	Right Exterior Girder	61.7967	0.95	1	1	5.459828
HS20_str_opr	BOBJ1	123.84	Before	Left Exterior Girder	67.42	0.95	1	1	3.729543
HS20_str_opr	BOBJ1	123.84	Before	Interior Girder 1	67.42	0.95	1	1	2.47791
HS20_str_opr	BOBJ1	123.84	Before	Interior Girder 2	67.42	0.95	1	1	2.309005
HS20_str_opr	BOBJ1	123.84	Before	Interior Girder 3	67.42	0.95	1	1	1.910366
HS20_str_opr	BOBJ1	123.84	Before	Interior Girder 4	67.42	0.95	1	1	1.910366
HS20_str_opr	BOBJ1	123.84	Before	Interior Girder 5	67.42	0.95	1	1	2.309005
HS20_str_opr	BOBJ1	123.84	Before	Interior Girder 6	67.42	0.95	1	1	2.47791
HS20_str_opr	BOBJ1	123.84	Before	Right Exterior Girder	67.42	0.95	1	1	3.729543
HS20_str_opr	BOBJ1	123.84	After	Left Exterior Girder	0	0.95	1	1	3.985425
HS20_str_opr	BOBJ1	123.84	After	Interior Girder 1	0	0.95	1	1	2.670927
HS20_str_opr	BOBJ1	123.84	After	Interior Girder 2	0	0.95	1	1	2.503316
HS20_str_opr	BOBJ1	123.84	After	Interior Girder 3	0	0.95	1	1	2.075785
HS20_str_opr	BOBJ1	123.84	After	Interior Girder 4	0	0.95	1	1	2.075785
HS20_str_opr	BOBJ1	123.84	After	Interior Girder 5	0	0.95	1	1	2.503316
HS20_str_opr	BOBJ1	123.84	After	Interior Girder 6	0	0.95	1	1	2.670927
HS20_str_opr	BOBJ1	123.84	After	Right Exterior Girder	0	0.95	1	1	3.985425
HS20_str_opr	BOBJ1	129.34	Before	Interior Girder 1	5.5	0.95	1	1	4.227928
HS20_str_opr	BOBJ1	129.34	Before	Interior Girder 2	5.5	0.95	1	1	3.97783
HS20_str_opr	BOBJ1	129.34	Before	Interior Girder 3	5.5	0.95	1	1	3.800554
HS20_str_opr	BOBJ1	129.34	Before	Interior Girder 4	5.5	0.95	1	1	3.800554
HS20_str_opr	BOBJ1	129.34	Before	Interior Girder 5	5.5	0.95	1	1	3.97783
HS20_str_opr	BOBJ1	129.34	Before	Interior Girder 6	5.5	0.95	1	1	4.227928
HS20_str_opr	BOBJ1	129.34	After	Interior Girder 1	5.5	0.95	1	1	2.793961
HS20_str_opr	BOBJ1	129.34	After	Interior Girder 2	5.5	0.95	1	1	2.656357
HS20_str_opr	BOBJ1	129.34	After	Interior Girder 3	5.5	0.95	1	1	2.508453
HS20_str_opr	BOBJ1	129.34	After	Interior Girder 4	5.5	0.95	1	1	2.508453
HS20_str_opr	BOBJ1	129.34	After	Interior Girder 5	5.5	0.95	1	1	2.656357
HS20_str_opr	BOBJ1	129.34	After	Interior Girder 6	5.5	0.95	1	1	2.793961
HS20_str_opr	BOBJ1	130.79	Before	Left Exterior Girder	6.95	0.95	1	1	6.231468
HS20_str_opr	BOBJ1	130.79	Before	Interior Girder 1	6.95	0.95	1	1	3.103638
HS20_str_opr	BOBJ1	130.79	Before	Interior Girder 2	6.95	0.95	1	1	2.915936
HS20_str_opr	BOBJ1	130.79	Before	Interior Girder 3	6.95	0.95	1	1	2.82551
HS20_str_opr	BOBJ1	130.79	Before	Interior Girder 4	6.95	0.95	1	1	2.82551
HS20_str_opr	BOBJ1	130.79	Before	Interior Girder 5	6.95	0.95	1	1	2.915936
HS20_str_opr	BOBJ1	130.79	Before	Interior Girder 6	6.95	0.95	1	1	3.103638
HS20_str_opr	BOBJ1	130.79	Before	Right Exterior Girder	6.95	0.95	1	1	6.231468
HS20_str_opr	BOBJ1	130.79	After	Left Exterior Girder	6.95	0.95	1	1	6.279785
HS20_str_opr	BOBJ1	130.79	After	Interior Girder 1	6.95	0.95	1	1	3.089632
HS20_str_opr	BOBJ1	130.79	After	Interior Girder 2	6.95	0.95	1	1	2.94376
HS20_str_opr	BOBJ1	130.79	After	Interior Girder 3	6.95	0.95	1	1	2.842199
HS20_str_opr	BOBJ1	130.79	After	Interior Girder 4	6.95	0.95	1	1	2.842199
HS20_str_opr	BOBJ1	130.79	After	Interior Girder 5	6.95	0.95	1	1	2.94376
HS20_str_opr	BOBJ1	130.79	After	Interior Girder 6	6.95	0.95	1	1	3.089632
HS20_str_opr	BOBJ1	130.79	After	Right Exterior Girder	6.95	0.95	1	1	6.279785
HS20_str_opr	BOBJ1	132.34	Before	Left Exterior Girder	8.5	0.95	1	1	6.821411
HS20_str_opr	BOBJ1	132.34	Before	Right Exterior Girder	8.5	0.95	1	1	6.821411
HS20_str_opr	BOBJ1	132.34	After	Left Exterior Girder	8.5	0.95	1	1	3.048872
HS20_str_opr	BOBJ1	132.34	After	Right Exterior Girder	8.5	0.95	1	1	3.048872
HS20_str_opr	BOBJ1	137.74	Before	Left Exterior Girder	13.9	0.95	1	1	4.496394
HS20_str_opr	BOBJ1	137.74	Before	Interior Girder 1	13.9	0.95	1	1	4.276272

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelINonCompStrgth-Flx - Approach, Span 12-1									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
HS20_str_opr	BOBJ1	137.74	Before	Interior Girder 2	13.9	0.95	1	1	3.855147
HS20_str_opr	BOBJ1	137.74	Before	Interior Girder 3	13.9	0.95	1	1	3.705211
HS20_str_opr	BOBJ1	137.74	Before	Interior Girder 4	13.9	0.95	1	1	3.705211
HS20_str_opr	BOBJ1	137.74	Before	Interior Girder 5	13.9	0.95	1	1	3.855147
HS20_str_opr	BOBJ1	137.74	Before	Interior Girder 6	13.9	0.95	1	1	4.276272
HS20_str_opr	BOBJ1	137.74	Before	Right Exterior Girder	13.9	0.95	1	1	4.496394
HS20_str_opr	BOBJ1	137.74	After	Left Exterior Girder	13.9	0.95	1	1	4.904791
HS20_str_opr	BOBJ1	137.74	After	Interior Girder 1	13.9	0.95	1	1	4.24732
HS20_str_opr	BOBJ1	137.74	After	Interior Girder 2	13.9	0.95	1	1	3.850571
HS20_str_opr	BOBJ1	137.74	After	Interior Girder 3	13.9	0.95	1	1	3.763861
HS20_str_opr	BOBJ1	137.74	After	Interior Girder 4	13.9	0.95	1	1	3.763861
HS20_str_opr	BOBJ1	137.74	After	Interior Girder 5	13.9	0.95	1	1	3.850571
HS20_str_opr	BOBJ1	137.74	After	Interior Girder 6	13.9	0.95	1	1	4.24732
HS20_str_opr	BOBJ1	137.74	After	Right Exterior Girder	13.9	0.95	1	1	4.904791
HS20_str_opr	BOBJ1	143.7733	Before	Left Exterior Girder	19.9333	0.95	1	1	3.443689
HS20_str_opr	BOBJ1	143.7733	Before	Interior Girder 1	19.9333	0.95	1	1	2.49682
HS20_str_opr	BOBJ1	143.7733	Before	Interior Girder 2	19.9333	0.95	1	1	2.344526
HS20_str_opr	BOBJ1	143.7733	Before	Interior Girder 3	19.9333	0.95	1	1	2.257513
HS20_str_opr	BOBJ1	143.7733	Before	Interior Girder 4	19.9333	0.95	1	1	2.257513
HS20_str_opr	BOBJ1	143.7733	Before	Interior Girder 5	19.9333	0.95	1	1	2.344526
HS20_str_opr	BOBJ1	143.7733	Before	Interior Girder 6	19.9333	0.95	1	1	2.49682
HS20_str_opr	BOBJ1	143.7733	Before	Right Exterior Girder	19.9333	0.95	1	1	3.443689
HS20_str_opr	BOBJ1	143.7733	After	Left Exterior Girder	19.9333	0.95	1	1	3.508361
HS20_str_opr	BOBJ1	143.7733	After	Interior Girder 1	19.9333	0.95	1	1	2.469467
HS20_str_opr	BOBJ1	143.7733	After	Interior Girder 2	19.9333	0.95	1	1	2.346062
HS20_str_opr	BOBJ1	143.7733	After	Interior Girder 3	19.9333	0.95	1	1	2.292951
HS20_str_opr	BOBJ1	143.7733	After	Interior Girder 4	19.9333	0.95	1	1	2.292951
HS20_str_opr	BOBJ1	143.7733	After	Interior Girder 5	19.9333	0.95	1	1	2.346062
HS20_str_opr	BOBJ1	143.7733	After	Interior Girder 6	19.9333	0.95	1	1	2.469467
HS20_str_opr	BOBJ1	143.7733	After	Right Exterior Girder	19.9333	0.95	1	1	3.508361
HS20_str_opr	BOBJ1	149.8067	Before	Left Exterior Girder	25.9667	0.95	1	1	2.455329
HS20_str_opr	BOBJ1	149.8067	Before	Interior Girder 1	25.9667	0.95	1	1	1.924579
HS20_str_opr	BOBJ1	149.8067	Before	Interior Girder 2	25.9667	0.95	1	1	1.832625
HS20_str_opr	BOBJ1	149.8067	Before	Interior Girder 3	25.9667	0.95	1	1	1.781562
HS20_str_opr	BOBJ1	149.8067	Before	Interior Girder 4	25.9667	0.95	1	1	1.781562
HS20_str_opr	BOBJ1	149.8067	Before	Interior Girder 5	25.9667	0.95	1	1	1.832625
HS20_str_opr	BOBJ1	149.8067	Before	Interior Girder 6	25.9667	0.95	1	1	1.924579
HS20_str_opr	BOBJ1	149.8067	Before	Right Exterior Girder	25.9667	0.95	1	1	2.455329
HS20_str_opr	BOBJ1	149.8067	After	Left Exterior Girder	25.9667	0.95	1	1	2.458143
HS20_str_opr	BOBJ1	149.8067	After	Interior Girder 1	25.9667	0.95	1	1	1.928702
HS20_str_opr	BOBJ1	149.8067	After	Interior Girder 2	25.9667	0.95	1	1	1.846721
HS20_str_opr	BOBJ1	149.8067	After	Interior Girder 3	25.9667	0.95	1	1	1.810155
HS20_str_opr	BOBJ1	149.8067	After	Interior Girder 4	25.9667	0.95	1	1	1.810155
HS20_str_opr	BOBJ1	149.8067	After	Interior Girder 5	25.9667	0.95	1	1	1.846721
HS20_str_opr	BOBJ1	149.8067	After	Interior Girder 6	25.9667	0.95	1	1	1.928702
HS20_str_opr	BOBJ1	149.8067	After	Right Exterior Girder	25.9667	0.95	1	1	2.458143
HS20_str_opr	BOBJ1	155.84	Before	Left Exterior Girder	32	0.95	1	1	2.058146
HS20_str_opr	BOBJ1	155.84	Before	Interior Girder 1	32	0.95	1	1	1.823766
HS20_str_opr	BOBJ1	155.84	Before	Interior Girder 2	32	0.95	1	1	1.74475
HS20_str_opr	BOBJ1	155.84	Before	Interior Girder 3	32	0.95	1	1	1.70693
HS20_str_opr	BOBJ1	155.84	Before	Interior Girder 4	32	0.95	1	1	1.70693
HS20_str_opr	BOBJ1	155.84	Before	Interior Girder 5	32	0.95	1	1	1.74475
HS20_str_opr	BOBJ1	155.84	Before	Interior Girder 6	32	0.95	1	1	1.823766
HS20_str_opr	BOBJ1	155.84	Before	Right Exterior Girder	32	0.95	1	1	2.058146
HS20_str_opr	BOBJ1	155.84	After	Left Exterior Girder	32	0.95	1	1	2.066155
HS20_str_opr	BOBJ1	155.84	After	Interior Girder 1	32	0.95	1	1	1.820045
HS20_str_opr	BOBJ1	155.84	After	Interior Girder 2	32	0.95	1	1	1.742813
HS20_str_opr	BOBJ1	155.84	After	Interior Girder 3	32	0.95	1	1	1.711326
HS20_str_opr	BOBJ1	155.84	After	Interior Girder 4	32	0.95	1	1	1.711326
HS20_str_opr	BOBJ1	155.84	After	Interior Girder 5	32	0.95	1	1	1.742813
HS20_str_opr	BOBJ1	155.84	After	Interior Girder 6	32	0.95	1	1	1.820045
HS20_str_opr	BOBJ1	155.84	After	Right Exterior Girder	32	0.95	1	1	2.066155
HS20_str_opr	BOBJ1	161.8733	Before	Left Exterior Girder	38.0333	0.95	1	1	2.219366
HS20_str_opr	BOBJ1	161.8733	Before	Interior Girder 1	38.0333	0.95	1	1	1.789163
HS20_str_opr	BOBJ1	161.8733	Before	Interior Girder 2	38.0333	0.95	1	1	1.712931

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelINonCompStrgth-Flx - Approach, Span 12-1									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
HS20_str_opr	BOBJ1	161.8733	Before	Interior Girder 3	38.0333	0.95	1	1	1.673336
HS20_str_opr	BOBJ1	161.8733	Before	Interior Girder 4	38.0333	0.95	1	1	1.673336
HS20_str_opr	BOBJ1	161.8733	Before	Interior Girder 5	38.0333	0.95	1	1	1.712931
HS20_str_opr	BOBJ1	161.8733	Before	Interior Girder 6	38.0333	0.95	1	1	1.789163
HS20_str_opr	BOBJ1	161.8733	Before	Right Exterior Girder	38.0333	0.95	1	1	2.219366
HS20_str_opr	BOBJ1	161.8733	After	Left Exterior Girder	38.0333	0.95	1	1	2.22261
HS20_str_opr	BOBJ1	161.8733	After	Interior Girder 1	38.0333	0.95	1	1	1.778971
HS20_str_opr	BOBJ1	161.8733	After	Interior Girder 2	38.0333	0.95	1	1	1.700763
HS20_str_opr	BOBJ1	161.8733	After	Interior Girder 3	38.0333	0.95	1	1	1.652244
HS20_str_opr	BOBJ1	161.8733	After	Interior Girder 4	38.0333	0.95	1	1	1.652244
HS20_str_opr	BOBJ1	161.8733	After	Interior Girder 5	38.0333	0.95	1	1	1.700763
HS20_str_opr	BOBJ1	161.8733	After	Interior Girder 6	38.0333	0.95	1	1	1.778971
HS20_str_opr	BOBJ1	161.8733	After	Right Exterior Girder	38.0333	0.95	1	1	2.22261
HS20_str_opr	BOBJ1	167.9067	Before	Left Exterior Girder	44.0667	0.95	1	1	2.78325
HS20_str_opr	BOBJ1	167.9067	Before	Interior Girder 1	44.0667	0.95	1	1	2.08502
HS20_str_opr	BOBJ1	167.9067	Before	Interior Girder 2	44.0667	0.95	1	1	1.97942
HS20_str_opr	BOBJ1	167.9067	Before	Interior Girder 3	44.0667	0.95	1	1	1.930842
HS20_str_opr	BOBJ1	167.9067	Before	Interior Girder 4	44.0667	0.95	1	1	1.930842
HS20_str_opr	BOBJ1	167.9067	Before	Interior Girder 5	44.0667	0.95	1	1	1.97942
HS20_str_opr	BOBJ1	167.9067	Before	Interior Girder 6	44.0667	0.95	1	1	2.08502
HS20_str_opr	BOBJ1	167.9067	Before	Right Exterior Girder	44.0667	0.95	1	1	2.78325
HS20_str_opr	BOBJ1	167.9067	After	Left Exterior Girder	44.0667	0.95	1	1	2.734118
HS20_str_opr	BOBJ1	167.9067	After	Interior Girder 1	44.0667	0.95	1	1	2.103943
HS20_str_opr	BOBJ1	167.9067	After	Interior Girder 2	44.0667	0.95	1	1	1.983854
HS20_str_opr	BOBJ1	167.9067	After	Interior Girder 3	44.0667	0.95	1	1	1.910995
HS20_str_opr	BOBJ1	167.9067	After	Interior Girder 4	44.0667	0.95	1	1	1.910995
HS20_str_opr	BOBJ1	167.9067	After	Interior Girder 5	44.0667	0.95	1	1	1.983854
HS20_str_opr	BOBJ1	167.9067	After	Interior Girder 6	44.0667	0.95	1	1	2.103943
HS20_str_opr	BOBJ1	167.9067	After	Right Exterior Girder	44.0667	0.95	1	1	2.734118
HS20_str_opr	BOBJ1	173.94	Before	Left Exterior Girder	50.1	0.95	1	1	4.033627
HS20_str_opr	BOBJ1	173.94	Before	Interior Girder 1	50.1	0.95	1	1	3.116699
HS20_str_opr	BOBJ1	173.94	Before	Interior Girder 2	50.1	0.95	1	1	2.85154
HS20_str_opr	BOBJ1	173.94	Before	Interior Girder 3	50.1	0.95	1	1	2.775679
HS20_str_opr	BOBJ1	173.94	Before	Interior Girder 4	50.1	0.95	1	1	2.775679
HS20_str_opr	BOBJ1	173.94	Before	Interior Girder 5	50.1	0.95	1	1	2.85154
HS20_str_opr	BOBJ1	173.94	Before	Interior Girder 6	50.1	0.95	1	1	3.116699
HS20_str_opr	BOBJ1	173.94	Before	Right Exterior Girder	50.1	0.95	1	1	4.033627
HS20_str_opr	BOBJ1	173.94	After	Left Exterior Girder	50.1	0.95	1	1	3.995121
HS20_str_opr	BOBJ1	173.94	After	Interior Girder 1	50.1	0.95	1	1	3.12369
HS20_str_opr	BOBJ1	173.94	After	Interior Girder 2	50.1	0.95	1	1	2.839872
HS20_str_opr	BOBJ1	173.94	After	Interior Girder 3	50.1	0.95	1	1	2.740213
HS20_str_opr	BOBJ1	173.94	After	Interior Girder 4	50.1	0.95	1	1	2.740213
HS20_str_opr	BOBJ1	173.94	After	Interior Girder 5	50.1	0.95	1	1	2.839872
HS20_str_opr	BOBJ1	173.94	After	Interior Girder 6	50.1	0.95	1	1	3.12369
HS20_str_opr	BOBJ1	173.94	After	Right Exterior Girder	50.1	0.95	1	1	3.995121
HS20_str_opr	BOBJ1	179.98	Before	Left Exterior Girder	56.14	0.95	1	1	4.638912
HS20_str_opr	BOBJ1	179.98	Before	Interior Girder 1	56.14	0.95	1	1	4.744063
HS20_str_opr	BOBJ1	179.98	Before	Interior Girder 2	56.14	0.95	1	1	4.484434
HS20_str_opr	BOBJ1	179.98	Before	Interior Girder 3	56.14	0.95	1	1	4.455746
HS20_str_opr	BOBJ1	179.98	Before	Interior Girder 4	56.14	0.95	1	1	4.455746
HS20_str_opr	BOBJ1	179.98	Before	Interior Girder 5	56.14	0.95	1	1	4.484434
HS20_str_opr	BOBJ1	179.98	Before	Interior Girder 6	56.14	0.95	1	1	4.744063
HS20_str_opr	BOBJ1	179.98	Before	Right Exterior Girder	56.14	0.95	1	1	4.638912
HS20_str_opr	BOBJ1	179.98	After	Left Exterior Girder	56.14	0.95	1	1	4.691504
HS20_str_opr	BOBJ1	179.98	After	Interior Girder 1	56.14	0.95	1	1	4.701771
HS20_str_opr	BOBJ1	179.98	After	Interior Girder 2	56.14	0.95	1	1	4.410017
HS20_str_opr	BOBJ1	179.98	After	Interior Girder 3	56.14	0.95	1	1	4.399666
HS20_str_opr	BOBJ1	179.98	After	Interior Girder 4	56.14	0.95	1	1	4.399666
HS20_str_opr	BOBJ1	179.98	After	Interior Girder 5	56.14	0.95	1	1	4.410017
HS20_str_opr	BOBJ1	179.98	After	Interior Girder 6	56.14	0.95	1	1	4.701771
HS20_str_opr	BOBJ1	179.98	After	Right Exterior Girder	56.14	0.95	1	1	4.691504
HS20_str_opr	BOBJ1	183.56	Before	Left Exterior Girder	59.72	0.95	1	1	3.519294
HS20_str_opr	BOBJ1	183.56	Before	Right Exterior Girder	59.72	0.95	1	1	3.519294
HS20_str_opr	BOBJ1	183.56	After	Left Exterior Girder	59.72	0.95	1	1	8.511739
HS20_str_opr	BOBJ1	183.56	After	Right Exterior Girder	59.72	0.95	1	1	8.511739

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelINonCompStrgth-Flx - Approach, Span 12-1									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
HS20_str_opr	BOBJ1	186.02	Before	Left Exterior Girder	62.18	0.95	1	1	7.503172
HS20_str_opr	BOBJ1	186.02	Before	Interior Girder 1	62.22	0.95	1	1	3.164288
HS20_str_opr	BOBJ1	186.02	Before	Interior Girder 2	62.22	0.95	1	1	3.023696
HS20_str_opr	BOBJ1	186.02	Before	Interior Girder 3	62.22	0.95	1	1	2.777062
HS20_str_opr	BOBJ1	186.02	Before	Interior Girder 4	62.22	0.95	1	1	2.777062
HS20_str_opr	BOBJ1	186.02	Before	Interior Girder 5	62.22	0.95	1	1	3.023696
HS20_str_opr	BOBJ1	186.02	Before	Interior Girder 6	62.22	0.95	1	1	3.164288
HS20_str_opr	BOBJ1	186.02	Before	Right Exterior Girder	62.18	0.95	1	1	7.503172
HS20_str_opr	BOBJ1	186.02	After	Left Exterior Girder	62.18	0.95	1	1	7.554775
HS20_str_opr	BOBJ1	186.02	After	Interior Girder 1	62.22	0.95	1	1	5.157774
HS20_str_opr	BOBJ1	186.02	After	Interior Girder 2	62.22	0.95	1	1	4.77474
HS20_str_opr	BOBJ1	186.02	After	Interior Girder 3	62.22	0.95	1	1	4.462246
HS20_str_opr	BOBJ1	186.02	After	Interior Girder 4	62.22	0.95	1	1	4.462246
HS20_str_opr	BOBJ1	186.02	After	Interior Girder 5	62.22	0.95	1	1	4.77474
HS20_str_opr	BOBJ1	186.02	After	Interior Girder 6	62.22	0.95	1	1	5.157774
HS20_str_opr	BOBJ1	186.02	After	Right Exterior Girder	62.18	0.95	1	1	7.554775
HS20_str_opr	BOBJ1	192.06	Before	Left Exterior Girder	68.22	0.95	1	1	3.60186
HS20_str_opr	BOBJ1	192.06	Before	Interior Girder 1	68.22	0.95	1	1	2.359785
HS20_str_opr	BOBJ1	192.06	Before	Interior Girder 2	68.22	0.95	1	1	2.257595
HS20_str_opr	BOBJ1	192.06	Before	Interior Girder 3	68.22	0.95	1	1	1.903578
HS20_str_opr	BOBJ1	192.06	Before	Interior Girder 4	68.22	0.95	1	1	1.903578
HS20_str_opr	BOBJ1	192.06	Before	Interior Girder 5	68.22	0.95	1	1	2.257595
HS20_str_opr	BOBJ1	192.06	Before	Interior Girder 6	68.22	0.95	1	1	2.359785
HS20_str_opr	BOBJ1	192.06	Before	Right Exterior Girder	68.22	0.95	1	1	3.60186
HS20_str_opr	BOBJ1	192.06	After	Left Exterior Girder	0	0.95	1	1	4.441978
HS20_str_opr	BOBJ1	192.06	After	Interior Girder 1	0	0.95	1	1	3.342788
HS20_str_opr	BOBJ1	192.06	After	Interior Girder 2	0	0.95	1	1	3.105711
HS20_str_opr	BOBJ1	192.06	After	Interior Girder 3	0	0.95	1	1	2.64445
HS20_str_opr	BOBJ1	192.06	After	Interior Girder 4	0	0.95	1	1	2.64445
HS20_str_opr	BOBJ1	192.06	After	Interior Girder 5	0	0.95	1	1	3.105711
HS20_str_opr	BOBJ1	192.06	After	Interior Girder 6	0	0.95	1	1	3.342788
HS20_str_opr	BOBJ1	192.06	After	Right Exterior Girder	0	0.95	1	1	4.441978
HS20_str_opr	BOBJ1	197.087	Before	Interior Girder 1	5.027	0.95	1	1	4.429437
HS20_str_opr	BOBJ1	197.087	Before	Interior Girder 2	5.027	0.95	1	1	4.146604
HS20_str_opr	BOBJ1	197.087	Before	Interior Girder 3	5.027	0.95	1	1	4.062819
HS20_str_opr	BOBJ1	197.087	Before	Interior Girder 4	5.027	0.95	1	1	4.062819
HS20_str_opr	BOBJ1	197.087	Before	Interior Girder 5	5.027	0.95	1	1	4.146604
HS20_str_opr	BOBJ1	197.087	Before	Interior Girder 6	5.027	0.95	1	1	4.429437
HS20_str_opr	BOBJ1	197.087	After	Interior Girder 1	5.027	0.95	1	1	2.762333
HS20_str_opr	BOBJ1	197.087	After	Interior Girder 2	5.027	0.95	1	1	2.598979
HS20_str_opr	BOBJ1	197.087	After	Interior Girder 3	5.027	0.95	1	1	2.53031
HS20_str_opr	BOBJ1	197.087	After	Interior Girder 4	5.027	0.95	1	1	2.53031
HS20_str_opr	BOBJ1	197.087	After	Interior Girder 5	5.027	0.95	1	1	2.598979
HS20_str_opr	BOBJ1	197.087	After	Interior Girder 6	5.027	0.95	1	1	2.762333
HS20_str_opr	BOBJ1	197.91	Before	Left Exterior Girder	5.85	0.95	1	1	6.15545
HS20_str_opr	BOBJ1	197.91	Before	Interior Girder 1	5.85	0.95	1	1	2.923119
HS20_str_opr	BOBJ1	197.91	Before	Interior Girder 2	5.85	0.95	1	1	2.727201
HS20_str_opr	BOBJ1	197.91	Before	Interior Girder 3	5.85	0.95	1	1	2.704068
HS20_str_opr	BOBJ1	197.91	Before	Interior Girder 4	5.85	0.95	1	1	2.704068
HS20_str_opr	BOBJ1	197.91	Before	Interior Girder 5	5.85	0.95	1	1	2.727201
HS20_str_opr	BOBJ1	197.91	Before	Interior Girder 6	5.85	0.95	1	1	2.923119
HS20_str_opr	BOBJ1	197.91	Before	Right Exterior Girder	5.85	0.95	1	1	6.15545
HS20_str_opr	BOBJ1	197.91	After	Left Exterior Girder	5.85	0.95	1	1	5.218791
HS20_str_opr	BOBJ1	197.91	After	Interior Girder 1	5.85	0.95	1	1	2.43223
HS20_str_opr	BOBJ1	197.91	After	Interior Girder 2	5.85	0.95	1	1	2.296084
HS20_str_opr	BOBJ1	197.91	After	Interior Girder 3	5.85	0.95	1	1	2.252196
HS20_str_opr	BOBJ1	197.91	After	Interior Girder 4	5.85	0.95	1	1	2.252196
HS20_str_opr	BOBJ1	197.91	After	Interior Girder 5	5.85	0.95	1	1	2.296084
HS20_str_opr	BOBJ1	197.91	After	Interior Girder 6	5.85	0.95	1	1	2.43223
HS20_str_opr	BOBJ1	197.91	After	Right Exterior Girder	5.85	0.95	1	1	5.218791
HS20_str_opr	BOBJ1	199.1816	Before	Left Exterior Girder	7.1216	0.95	1	1	5.587152
HS20_str_opr	BOBJ1	199.1816	Before	Right Exterior Girder	7.1216	0.95	1	1	5.587152
HS20_str_opr	BOBJ1	199.1816	After	Left Exterior Girder	7.1216	0.95	1	1	2.242045
HS20_str_opr	BOBJ1	199.1816	After	Right Exterior Girder	7.1216	0.95	1	1	2.242045
HS20_str_opr	BOBJ1	203.5267	Before	Left Exterior Girder	11.3107	0.95	1	1	3.229693

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelINonCompStrgth-Flx - Approach, Span 12-1									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
HS20_str_opr	BOBJ1	203.5267	Before	Interior Girder 1	11.3107	0.95	1	1	3.454794
HS20_str_opr	BOBJ1	203.5267	Before	Interior Girder 2	11.3107	0.95	1	1	3.263326
HS20_str_opr	BOBJ1	203.5267	Before	Interior Girder 3	11.3107	0.95	1	1	3.366781
HS20_str_opr	BOBJ1	203.5267	Before	Interior Girder 4	11.3107	0.95	1	1	3.366781
HS20_str_opr	BOBJ1	203.5267	Before	Interior Girder 5	11.3107	0.95	1	1	3.263326
HS20_str_opr	BOBJ1	203.5267	Before	Interior Girder 6	11.3107	0.95	1	1	3.454794
HS20_str_opr	BOBJ1	203.5267	Before	Right Exterior Girder	11.3107	0.95	1	1	3.229693
HS20_str_opr	BOBJ1	203.5267	After	Left Exterior Girder	11.3107	0.95	1	1	5.199168
HS20_str_opr	BOBJ1	203.5267	After	Interior Girder 1	11.3107	0.95	1	1	5.471998
HS20_str_opr	BOBJ1	203.5267	After	Interior Girder 2	11.3107	0.95	1	1	5.224107
HS20_str_opr	BOBJ1	203.5267	After	Interior Girder 3	11.3107	0.95	1	1	5.344436
HS20_str_opr	BOBJ1	203.5267	After	Interior Girder 4	11.3107	0.95	1	1	5.344436
HS20_str_opr	BOBJ1	203.5267	After	Interior Girder 5	11.3107	0.95	1	1	5.224107
HS20_str_opr	BOBJ1	203.5267	After	Interior Girder 6	11.3107	0.95	1	1	5.471998
HS20_str_opr	BOBJ1	203.5267	After	Right Exterior Girder	11.3107	0.95	1	1	5.199168
HS20_str_opr	BOBJ1	209.1433	Before	Left Exterior Girder	17.0833	0.95	1	1	5.608755
HS20_str_opr	BOBJ1	209.1433	Before	Interior Girder 1	17.0833	0.95	1	1	3.947386
HS20_str_opr	BOBJ1	209.1433	Before	Interior Girder 2	17.0833	0.95	1	1	3.668048
HS20_str_opr	BOBJ1	209.1433	Before	Interior Girder 3	17.0833	0.95	1	1	3.577467
HS20_str_opr	BOBJ1	209.1433	Before	Interior Girder 4	17.0833	0.95	1	1	3.577467
HS20_str_opr	BOBJ1	209.1433	Before	Interior Girder 5	17.0833	0.95	1	1	3.668048
HS20_str_opr	BOBJ1	209.1433	Before	Interior Girder 6	17.0833	0.95	1	1	3.947386
HS20_str_opr	BOBJ1	209.1433	Before	Right Exterior Girder	17.0833	0.95	1	1	5.608755
HS20_str_opr	BOBJ1	209.1433	After	Left Exterior Girder	17.0833	0.95	1	1	5.574897
HS20_str_opr	BOBJ1	209.1433	After	Interior Girder 1	17.0833	0.95	1	1	3.972024
HS20_str_opr	BOBJ1	209.1433	After	Interior Girder 2	17.0833	0.95	1	1	3.718097
HS20_str_opr	BOBJ1	209.1433	After	Interior Girder 3	17.0833	0.95	1	1	3.656364
HS20_str_opr	BOBJ1	209.1433	After	Interior Girder 4	17.0833	0.95	1	1	3.656364
HS20_str_opr	BOBJ1	209.1433	After	Interior Girder 5	17.0833	0.95	1	1	3.718097
HS20_str_opr	BOBJ1	209.1433	After	Interior Girder 6	17.0833	0.95	1	1	3.972024
HS20_str_opr	BOBJ1	209.1433	After	Right Exterior Girder	17.0833	0.95	1	1	5.574897
HS20_str_opr	BOBJ1	214.76	Before	Left Exterior Girder	22.7	0.95	1	1	3.837267
HS20_str_opr	BOBJ1	214.76	Before	Interior Girder 1	22.7	0.95	1	1	3.105793
HS20_str_opr	BOBJ1	214.76	Before	Interior Girder 2	22.7	0.95	1	1	2.907017
HS20_str_opr	BOBJ1	214.76	Before	Interior Girder 3	22.7	0.95	1	1	2.838817
HS20_str_opr	BOBJ1	214.76	Before	Interior Girder 4	22.7	0.95	1	1	2.838817
HS20_str_opr	BOBJ1	214.76	Before	Interior Girder 5	22.7	0.95	1	1	2.907017
HS20_str_opr	BOBJ1	214.76	Before	Interior Girder 6	22.7	0.95	1	1	3.105793
HS20_str_opr	BOBJ1	214.76	Before	Right Exterior Girder	22.7	0.95	1	1	3.837267
HS20_str_opr	BOBJ1	214.76	After	Left Exterior Girder	22.7	0.95	1	1	3.864406
HS20_str_opr	BOBJ1	214.76	After	Interior Girder 1	22.7	0.95	1	1	3.095664
HS20_str_opr	BOBJ1	214.76	After	Interior Girder 2	22.7	0.95	1	1	2.916732
HS20_str_opr	BOBJ1	214.76	After	Interior Girder 3	22.7	0.95	1	1	2.862158
HS20_str_opr	BOBJ1	214.76	After	Interior Girder 4	22.7	0.95	1	1	2.862158
HS20_str_opr	BOBJ1	214.76	After	Interior Girder 5	22.7	0.95	1	1	2.916732
HS20_str_opr	BOBJ1	214.76	After	Interior Girder 6	22.7	0.95	1	1	3.095664
HS20_str_opr	BOBJ1	214.76	After	Right Exterior Girder	22.7	0.95	1	1	3.864406
HS20_str_opr	BOBJ1	220.3767	Before	Left Exterior Girder	28.3167	0.95	1	1	3.404528
HS20_str_opr	BOBJ1	220.3767	Before	Interior Girder 1	28.3167	0.95	1	1	2.617818
HS20_str_opr	BOBJ1	220.3767	Before	Interior Girder 2	28.3167	0.95	1	1	2.480479
HS20_str_opr	BOBJ1	220.3767	Before	Interior Girder 3	28.3167	0.95	1	1	2.397487
HS20_str_opr	BOBJ1	220.3767	Before	Interior Girder 4	28.3167	0.95	1	1	2.397487
HS20_str_opr	BOBJ1	220.3767	Before	Interior Girder 5	28.3167	0.95	1	1	2.480479
HS20_str_opr	BOBJ1	220.3767	Before	Interior Girder 6	28.3167	0.95	1	1	2.617818
HS20_str_opr	BOBJ1	220.3767	Before	Right Exterior Girder	28.3167	0.95	1	1	3.404528
HS20_str_opr	BOBJ1	220.3767	After	Left Exterior Girder	28.3167	0.95	1	1	3.426692
HS20_str_opr	BOBJ1	220.3767	After	Interior Girder 1	28.3167	0.95	1	1	2.612012
HS20_str_opr	BOBJ1	220.3767	After	Interior Girder 2	28.3167	0.95	1	1	2.480758
HS20_str_opr	BOBJ1	220.3767	After	Interior Girder 3	28.3167	0.95	1	1	2.410446
HS20_str_opr	BOBJ1	220.3767	After	Interior Girder 4	28.3167	0.95	1	1	2.410446
HS20_str_opr	BOBJ1	220.3767	After	Interior Girder 5	28.3167	0.95	1	1	2.480758
HS20_str_opr	BOBJ1	220.3767	After	Interior Girder 6	28.3167	0.95	1	1	2.612012
HS20_str_opr	BOBJ1	220.3767	After	Right Exterior Girder	28.3167	0.95	1	1	3.426692
HS20_str_opr	BOBJ1	225.9933	Before	Left Exterior Girder	33.9333	0.95	1	1	3.270617
HS20_str_opr	BOBJ1	225.9933	Before	Interior Girder 1	33.9333	0.95	1	1	2.502765

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelINonCompStrgth-Flx - Approach, Span 12-1									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
HS20_str_opr	BOBJ1	225.9933	Before	Interior Girder 2	33.9333	0.95	1	1	2.38841
HS20_str_opr	BOBJ1	225.9933	Before	Interior Girder 3	33.9333	0.95	1	1	2.315669
HS20_str_opr	BOBJ1	225.9933	Before	Interior Girder 4	33.9333	0.95	1	1	2.315669
HS20_str_opr	BOBJ1	225.9933	Before	Interior Girder 5	33.9333	0.95	1	1	2.38841
HS20_str_opr	BOBJ1	225.9933	Before	Interior Girder 6	33.9333	0.95	1	1	2.502765
HS20_str_opr	BOBJ1	225.9933	Before	Right Exterior Girder	33.9333	0.95	1	1	3.270617
HS20_str_opr	BOBJ1	225.9933	After	Left Exterior Girder	33.9333	0.95	1	1	3.248461
HS20_str_opr	BOBJ1	225.9933	After	Interior Girder 1	33.9333	0.95	1	1	2.509821
HS20_str_opr	BOBJ1	225.9933	After	Interior Girder 2	33.9333	0.95	1	1	2.384813
HS20_str_opr	BOBJ1	225.9933	After	Interior Girder 3	33.9333	0.95	1	1	2.303992
HS20_str_opr	BOBJ1	225.9933	After	Interior Girder 4	33.9333	0.95	1	1	2.303992
HS20_str_opr	BOBJ1	225.9933	After	Interior Girder 5	33.9333	0.95	1	1	2.384813
HS20_str_opr	BOBJ1	225.9933	After	Interior Girder 6	33.9333	0.95	1	1	2.509821
HS20_str_opr	BOBJ1	225.9933	After	Right Exterior Girder	33.9333	0.95	1	1	3.248461
HS20_str_opr	BOBJ1	231.61	Before	Left Exterior Girder	39.55	0.95	1	1	3.451786
HS20_str_opr	BOBJ1	231.61	Before	Interior Girder 1	39.55	0.95	1	1	2.790941
HS20_str_opr	BOBJ1	231.61	Before	Interior Girder 2	39.55	0.95	1	1	2.641693
HS20_str_opr	BOBJ1	231.61	Before	Interior Girder 3	39.55	0.95	1	1	2.563875
HS20_str_opr	BOBJ1	231.61	Before	Interior Girder 4	39.55	0.95	1	1	2.563875
HS20_str_opr	BOBJ1	231.61	Before	Interior Girder 5	39.55	0.95	1	1	2.641693
HS20_str_opr	BOBJ1	231.61	Before	Interior Girder 6	39.55	0.95	1	1	2.790941
HS20_str_opr	BOBJ1	231.61	Before	Right Exterior Girder	39.55	0.95	1	1	3.451786
HS20_str_opr	BOBJ1	231.61	After	Left Exterior Girder	39.55	0.95	1	1	3.442391
HS20_str_opr	BOBJ1	231.61	After	Interior Girder 1	39.55	0.95	1	1	2.791759
HS20_str_opr	BOBJ1	231.61	After	Interior Girder 2	39.55	0.95	1	1	2.619845
HS20_str_opr	BOBJ1	231.61	After	Interior Girder 3	39.55	0.95	1	1	2.526909
HS20_str_opr	BOBJ1	231.61	After	Interior Girder 4	39.55	0.95	1	1	2.526909
HS20_str_opr	BOBJ1	231.61	After	Interior Girder 5	39.55	0.95	1	1	2.619845
HS20_str_opr	BOBJ1	231.61	After	Interior Girder 6	39.55	0.95	1	1	2.791759
HS20_str_opr	BOBJ1	231.61	After	Right Exterior Girder	39.55	0.95	1	1	3.442391
HS20_str_opr	BOBJ1	237.37	Before	Left Exterior Girder	45.31	0.95	1	1	4.645115
HS20_str_opr	BOBJ1	237.37	Before	Interior Girder 1	45.31	0.95	1	1	3.307929
HS20_str_opr	BOBJ1	237.37	Before	Interior Girder 2	45.31	0.95	1	1	3.137053
HS20_str_opr	BOBJ1	237.37	Before	Interior Girder 3	45.31	0.95	1	1	2.998516
HS20_str_opr	BOBJ1	237.37	Before	Interior Girder 4	45.31	0.95	1	1	2.998516
HS20_str_opr	BOBJ1	237.37	Before	Interior Girder 5	45.31	0.95	1	1	3.137053
HS20_str_opr	BOBJ1	237.37	Before	Interior Girder 6	45.31	0.95	1	1	3.307929
HS20_str_opr	BOBJ1	237.37	Before	Right Exterior Girder	45.31	0.95	1	1	4.645115
HS20_str_opr	BOBJ1	237.37	After	Left Exterior Girder	45.31	0.95	1	1	4.66875
HS20_str_opr	BOBJ1	237.37	After	Interior Girder 1	45.31	0.95	1	1	3.291159
HS20_str_opr	BOBJ1	237.37	After	Interior Girder 2	45.31	0.95	1	1	3.0736
HS20_str_opr	BOBJ1	237.37	After	Interior Girder 3	45.31	0.95	1	1	2.893162
HS20_str_opr	BOBJ1	237.37	After	Interior Girder 4	45.31	0.95	1	1	2.893162
HS20_str_opr	BOBJ1	237.37	After	Interior Girder 5	45.31	0.95	1	1	3.0736
HS20_str_opr	BOBJ1	237.37	After	Interior Girder 6	45.31	0.95	1	1	3.291159
HS20_str_opr	BOBJ1	237.37	After	Right Exterior Girder	45.31	0.95	1	1	4.66875
HS20_str_opr	BOBJ1	243.13	Before	Left Exterior Girder	51.07	0.95	1	1	8.975651
HS20_str_opr	BOBJ1	243.13	Before	Interior Girder 1	51.07	0.95	1	1	5.48994
HS20_str_opr	BOBJ1	243.13	Before	Interior Girder 2	51.07	0.95	1	1	5.20985
HS20_str_opr	BOBJ1	243.13	Before	Interior Girder 3	51.07	0.95	1	1	4.643945
HS20_str_opr	BOBJ1	243.13	Before	Interior Girder 4	51.07	0.95	1	1	4.643945
HS20_str_opr	BOBJ1	243.13	Before	Interior Girder 5	51.07	0.95	1	1	5.20985
HS20_str_opr	BOBJ1	243.13	Before	Interior Girder 6	51.07	0.95	1	1	5.48994
HS20_str_opr	BOBJ1	243.13	Before	Right Exterior Girder	51.07	0.95	1	1	8.975651
HS20_str_opr	BOBJ1	243.13	After	Left Exterior Girder	51.07	0.95	1	1	8.901424
HS20_str_opr	BOBJ1	243.13	After	Interior Girder 1	51.07	0.95	1	1	5.434506
HS20_str_opr	BOBJ1	243.13	After	Interior Girder 2	51.07	0.95	1	1	5.089797
HS20_str_opr	BOBJ1	243.13	After	Interior Girder 3	51.07	0.95	1	1	4.411245
HS20_str_opr	BOBJ1	243.13	After	Interior Girder 4	51.07	0.95	1	1	4.411245
HS20_str_opr	BOBJ1	243.13	After	Interior Girder 5	51.07	0.95	1	1	5.089797
HS20_str_opr	BOBJ1	243.13	After	Interior Girder 6	51.07	0.95	1	1	5.434506
HS20_str_opr	BOBJ1	243.13	After	Right Exterior Girder	51.07	0.95	1	1	8.901424
HS20_str_opr	BOBJ1	248.89	Before	Left Exterior Girder	56.83	0.95	1	1	465.818085
HS20_str_opr	BOBJ1	248.89	Before	Interior Girder 1	56.83	0.95	1	1	427.371538
HS20_str_opr	BOBJ1	248.89	Before	Interior Girder 2	56.83	0.95	1	1	261.002621

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelINonCompStrgth-Flx - Approach, Span 12-1									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
HS20_str_opr	BOBJ1	248.89	Before	Interior Girder 3	56.83	0.95	1	1	202.95981
HS20_str_opr	BOBJ1	248.89	Before	Interior Girder 4	56.83	0.95	1	1	202.959811
HS20_str_opr	BOBJ1	248.89	Before	Interior Girder 5	56.83	0.95	1	1	261.00262
HS20_str_opr	BOBJ1	248.89	Before	Interior Girder 6	56.83	0.95	1	1	427.371537
HS20_str_opr	BOBJ1	248.89	Before	Right Exterior Girder	56.83	0.95	1	1	465.818085
HS20_str_inv	BOBJ1	0	After	Left Exterior Girder	0	0.95	1	1	209.047965
HS20_str_inv	BOBJ1	0	After	Interior Girder 1	0	0.95	1	1	200.001009
HS20_str_inv	BOBJ1	0	After	Interior Girder 2	0	0.95	1	1	142.884587
HS20_str_inv	BOBJ1	0	After	Interior Girder 3	0	0.95	1	1	114.790627
HS20_str_inv	BOBJ1	0	After	Interior Girder 4	0	0.95	1	1	114.790627
HS20_str_inv	BOBJ1	0	After	Interior Girder 5	0	0.95	1	1	142.884586
HS20_str_inv	BOBJ1	0	After	Interior Girder 6	0	0.95	1	1	200.001009
HS20_str_inv	BOBJ1	0	After	Right Exterior Girder	0	0.95	1	1	209.047965
HS20_str_inv	BOBJ1	5.85	Before	Left Exterior Girder	5.85	0.95	1	1	4.887516
HS20_str_inv	BOBJ1	5.85	Before	Interior Girder 1	5.85	0.95	1	1	3.466692
HS20_str_inv	BOBJ1	5.85	Before	Interior Girder 2	5.85	0.95	1	1	3.208794
HS20_str_inv	BOBJ1	5.85	Before	Interior Girder 3	5.85	0.95	1	1	2.831459
HS20_str_inv	BOBJ1	5.85	Before	Interior Girder 4	5.85	0.95	1	1	2.831459
HS20_str_inv	BOBJ1	5.85	Before	Interior Girder 5	5.85	0.95	1	1	3.208794
HS20_str_inv	BOBJ1	5.85	Before	Interior Girder 6	5.85	0.95	1	1	3.466692
HS20_str_inv	BOBJ1	5.85	Before	Right Exterior Girder	5.85	0.95	1	1	4.887516
HS20_str_inv	BOBJ1	5.85	After	Left Exterior Girder	5.85	0.95	1	1	4.938206
HS20_str_inv	BOBJ1	5.85	After	Interior Girder 1	5.85	0.95	1	1	3.469468
HS20_str_inv	BOBJ1	5.85	After	Interior Girder 2	5.85	0.95	1	1	3.260062
HS20_str_inv	BOBJ1	5.85	After	Interior Girder 3	5.85	0.95	1	1	2.962316
HS20_str_inv	BOBJ1	5.85	After	Interior Girder 4	5.85	0.95	1	1	2.962316
HS20_str_inv	BOBJ1	5.85	After	Interior Girder 5	5.85	0.95	1	1	3.260062
HS20_str_inv	BOBJ1	5.85	After	Interior Girder 6	5.85	0.95	1	1	3.469468
HS20_str_inv	BOBJ1	5.85	After	Right Exterior Girder	5.85	0.95	1	1	4.938206
HS20_str_inv	BOBJ1	11.4667	Before	Left Exterior Girder	11.4667	0.95	1	1	2.72703
HS20_str_inv	BOBJ1	11.4667	Before	Interior Girder 1	11.4667	0.95	1	1	1.973222
HS20_str_inv	BOBJ1	11.4667	Before	Interior Girder 2	11.4667	0.95	1	1	1.856215
HS20_str_inv	BOBJ1	11.4667	Before	Interior Girder 3	11.4667	0.95	1	1	1.737226
HS20_str_inv	BOBJ1	11.4667	Before	Interior Girder 4	11.4667	0.95	1	1	1.737226
HS20_str_inv	BOBJ1	11.4667	Before	Interior Girder 5	11.4667	0.95	1	1	1.856215
HS20_str_inv	BOBJ1	11.4667	Before	Interior Girder 6	11.4667	0.95	1	1	1.973222
HS20_str_inv	BOBJ1	11.4667	Before	Right Exterior Girder	11.4667	0.95	1	1	2.72703
HS20_str_inv	BOBJ1	11.4667	After	Left Exterior Girder	11.4667	0.95	1	1	2.763547
HS20_str_inv	BOBJ1	11.4667	After	Interior Girder 1	11.4667	0.95	1	1	1.959807
HS20_str_inv	BOBJ1	11.4667	After	Interior Girder 2	11.4667	0.95	1	1	1.876221
HS20_str_inv	BOBJ1	11.4667	After	Interior Girder 3	11.4667	0.95	1	1	1.784058
HS20_str_inv	BOBJ1	11.4667	After	Interior Girder 4	11.4667	0.95	1	1	1.784058
HS20_str_inv	BOBJ1	11.4667	After	Interior Girder 5	11.4667	0.95	1	1	1.876221
HS20_str_inv	BOBJ1	11.4667	After	Interior Girder 6	11.4667	0.95	1	1	1.959807
HS20_str_inv	BOBJ1	11.4667	After	Right Exterior Girder	11.4667	0.95	1	1	2.763547
HS20_str_inv	BOBJ1	17.0833	Before	Left Exterior Girder	17.0833	0.95	1	1	2.084734
HS20_str_inv	BOBJ1	17.0833	Before	Interior Girder 1	17.0833	0.95	1	1	1.604053
HS20_str_inv	BOBJ1	17.0833	Before	Interior Girder 2	17.0833	0.95	1	1	1.527269
HS20_str_inv	BOBJ1	17.0833	Before	Interior Girder 3	17.0833	0.95	1	1	1.469242
HS20_str_inv	BOBJ1	17.0833	Before	Interior Girder 4	17.0833	0.95	1	1	1.469242
HS20_str_inv	BOBJ1	17.0833	Before	Interior Girder 5	17.0833	0.95	1	1	1.527269
HS20_str_inv	BOBJ1	17.0833	Before	Interior Girder 6	17.0833	0.95	1	1	1.604053
HS20_str_inv	BOBJ1	17.0833	Before	Right Exterior Girder	17.0833	0.95	1	1	2.084734
HS20_str_inv	BOBJ1	17.0833	After	Left Exterior Girder	17.0833	0.95	1	1	2.082593
HS20_str_inv	BOBJ1	17.0833	After	Interior Girder 1	17.0833	0.95	1	1	1.608383
HS20_str_inv	BOBJ1	17.0833	After	Interior Girder 2	17.0833	0.95	1	1	1.545509
HS20_str_inv	BOBJ1	17.0833	After	Interior Girder 3	17.0833	0.95	1	1	1.494277
HS20_str_inv	BOBJ1	17.0833	After	Interior Girder 4	17.0833	0.95	1	1	1.494277
HS20_str_inv	BOBJ1	17.0833	After	Interior Girder 5	17.0833	0.95	1	1	1.545509
HS20_str_inv	BOBJ1	17.0833	After	Interior Girder 6	17.0833	0.95	1	1	1.608383
HS20_str_inv	BOBJ1	17.0833	After	Right Exterior Girder	17.0833	0.95	1	1	2.082593
HS20_str_inv	BOBJ1	22.7	Before	Left Exterior Girder	22.7	0.95	1	1	1.840266
HS20_str_inv	BOBJ1	22.7	Before	Interior Girder 1	22.7	0.95	1	1	1.549824
HS20_str_inv	BOBJ1	22.7	Before	Interior Girder 2	22.7	0.95	1	1	1.483916
HS20_str_inv	BOBJ1	22.7	Before	Interior Girder 3	22.7	0.95	1	1	1.448057

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelINonCompStrgth-Flx - Approach, Span 12-1									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
HS20_str_inv	BOBJ1	22.7	Before	Interior Girder 4	22.7	0.95	1	1	1.448057
HS20_str_inv	BOBJ1	22.7	Before	Interior Girder 5	22.7	0.95	1	1	1.483916
HS20_str_inv	BOBJ1	22.7	Before	Interior Girder 6	22.7	0.95	1	1	1.549824
HS20_str_inv	BOBJ1	22.7	Before	Right Exterior Girder	22.7	0.95	1	1	1.840266
HS20_str_inv	BOBJ1	22.7	After	Left Exterior Girder	22.7	0.95	1	1	1.845763
HS20_str_inv	BOBJ1	22.7	After	Interior Girder 1	22.7	0.95	1	1	1.54788
HS20_str_inv	BOBJ1	22.7	After	Interior Girder 2	22.7	0.95	1	1	1.486196
HS20_str_inv	BOBJ1	22.7	After	Interior Girder 3	22.7	0.95	1	1	1.454039
HS20_str_inv	BOBJ1	22.7	After	Interior Girder 4	22.7	0.95	1	1	1.454039
HS20_str_inv	BOBJ1	22.7	After	Interior Girder 5	22.7	0.95	1	1	1.486196
HS20_str_inv	BOBJ1	22.7	After	Interior Girder 6	22.7	0.95	1	1	1.54788
HS20_str_inv	BOBJ1	22.7	After	Right Exterior Girder	22.7	0.95	1	1	1.845763
HS20_str_inv	BOBJ1	28.3167	Before	Left Exterior Girder	28.3167	0.95	1	1	2.024984
HS20_str_inv	BOBJ1	28.3167	Before	Interior Girder 1	28.3167	0.95	1	1	1.581999
HS20_str_inv	BOBJ1	28.3167	Before	Interior Girder 2	28.3167	0.95	1	1	1.514373
HS20_str_inv	BOBJ1	28.3167	Before	Interior Girder 3	28.3167	0.95	1	1	1.475087
HS20_str_inv	BOBJ1	28.3167	Before	Interior Girder 4	28.3167	0.95	1	1	1.475087
HS20_str_inv	BOBJ1	28.3167	Before	Interior Girder 5	28.3167	0.95	1	1	1.514373
HS20_str_inv	BOBJ1	28.3167	Before	Interior Girder 6	28.3167	0.95	1	1	1.581999
HS20_str_inv	BOBJ1	28.3167	Before	Right Exterior Girder	28.3167	0.95	1	1	2.024984
HS20_str_inv	BOBJ1	28.3167	After	Left Exterior Girder	28.3167	0.95	1	1	2.032145
HS20_str_inv	BOBJ1	28.3167	After	Interior Girder 1	28.3167	0.95	1	1	1.573076
HS20_str_inv	BOBJ1	28.3167	After	Interior Girder 2	28.3167	0.95	1	1	1.502935
HS20_str_inv	BOBJ1	28.3167	After	Interior Girder 3	28.3167	0.95	1	1	1.456578
HS20_str_inv	BOBJ1	28.3167	After	Interior Girder 4	28.3167	0.95	1	1	1.456578
HS20_str_inv	BOBJ1	28.3167	After	Interior Girder 5	28.3167	0.95	1	1	1.502935
HS20_str_inv	BOBJ1	28.3167	After	Interior Girder 6	28.3167	0.95	1	1	1.573076
HS20_str_inv	BOBJ1	28.3167	After	Right Exterior Girder	28.3167	0.95	1	1	2.032145
HS20_str_inv	BOBJ1	33.9333	Before	Left Exterior Girder	33.9333	0.95	1	1	2.474355
HS20_str_inv	BOBJ1	33.9333	Before	Interior Girder 1	33.9333	0.95	1	1	1.832371
HS20_str_inv	BOBJ1	33.9333	Before	Interior Girder 2	33.9333	0.95	1	1	1.747587
HS20_str_inv	BOBJ1	33.9333	Before	Interior Girder 3	33.9333	0.95	1	1	1.708721
HS20_str_inv	BOBJ1	33.9333	Before	Interior Girder 4	33.9333	0.95	1	1	1.708721
HS20_str_inv	BOBJ1	33.9333	Before	Interior Girder 5	33.9333	0.95	1	1	1.747587
HS20_str_inv	BOBJ1	33.9333	Before	Interior Girder 6	33.9333	0.95	1	1	1.832371
HS20_str_inv	BOBJ1	33.9333	Before	Right Exterior Girder	33.9333	0.95	1	1	2.474355
HS20_str_inv	BOBJ1	33.9333	After	Left Exterior Girder	33.9333	0.95	1	1	2.441262
HS20_str_inv	BOBJ1	33.9333	After	Interior Girder 1	33.9333	0.95	1	1	1.844587
HS20_str_inv	BOBJ1	33.9333	After	Interior Girder 2	33.9333	0.95	1	1	1.746336
HS20_str_inv	BOBJ1	33.9333	After	Interior Girder 3	33.9333	0.95	1	1	1.690524
HS20_str_inv	BOBJ1	33.9333	After	Interior Girder 4	33.9333	0.95	1	1	1.690524
HS20_str_inv	BOBJ1	33.9333	After	Interior Girder 5	33.9333	0.95	1	1	1.746336
HS20_str_inv	BOBJ1	33.9333	After	Interior Girder 6	33.9333	0.95	1	1	1.844587
HS20_str_inv	BOBJ1	33.9333	After	Right Exterior Girder	33.9333	0.95	1	1	2.441262
HS20_str_inv	BOBJ1	39.55	Before	Left Exterior Girder	39.55	0.95	1	1	3.43089
HS20_str_inv	BOBJ1	39.55	Before	Interior Girder 1	39.55	0.95	1	1	2.638022
HS20_str_inv	BOBJ1	39.55	Before	Interior Girder 2	39.55	0.95	1	1	2.447058
HS20_str_inv	BOBJ1	39.55	Before	Interior Girder 3	39.55	0.95	1	1	2.403564
HS20_str_inv	BOBJ1	39.55	Before	Interior Girder 4	39.55	0.95	1	1	2.403564
HS20_str_inv	BOBJ1	39.55	Before	Interior Girder 5	39.55	0.95	1	1	2.447058
HS20_str_inv	BOBJ1	39.55	Before	Interior Girder 6	39.55	0.95	1	1	2.638022
HS20_str_inv	BOBJ1	39.55	Before	Right Exterior Girder	39.55	0.95	1	1	3.43089
HS20_str_inv	BOBJ1	39.55	After	Left Exterior Girder	39.55	0.95	1	1	3.410681
HS20_str_inv	BOBJ1	39.55	After	Interior Girder 1	39.55	0.95	1	1	2.642433
HS20_str_inv	BOBJ1	39.55	After	Interior Girder 2	39.55	0.95	1	1	2.431503
HS20_str_inv	BOBJ1	39.55	After	Interior Girder 3	39.55	0.95	1	1	2.360331
HS20_str_inv	BOBJ1	39.55	After	Interior Girder 4	39.55	0.95	1	1	2.360331
HS20_str_inv	BOBJ1	39.55	After	Interior Girder 5	39.55	0.95	1	1	2.431503
HS20_str_inv	BOBJ1	39.55	After	Interior Girder 6	39.55	0.95	1	1	2.642433
HS20_str_inv	BOBJ1	39.55	After	Right Exterior Girder	39.55	0.95	1	1	3.410681
HS20_str_inv	BOBJ1	45.1733	Before	Left Exterior Girder	45.1226	0.95	1	1	3.335515
HS20_str_inv	BOBJ1	45.1733	Before	Interior Girder 1	45.1226	0.95	1	1	3.454796
HS20_str_inv	BOBJ1	45.1733	Before	Interior Girder 2	45.1226	0.95	1	1	3.321143
HS20_str_inv	BOBJ1	45.1733	Before	Interior Girder 3	45.1226	0.95	1	1	3.369695
HS20_str_inv	BOBJ1	45.1733	Before	Interior Girder 4	45.1226	0.95	1	1	3.369695

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelINonCompStrgth-Flx - Approach, Span 12-1									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
HS20_str_inv	BOBJ1	45.1733	Before	Interior Girder 5	45.1226	0.95	1	1	3.321143
HS20_str_inv	BOBJ1	45.1733	Before	Interior Girder 6	45.1226	0.95	1	1	3.454796
HS20_str_inv	BOBJ1	45.1733	Before	Right Exterior Girder	45.1226	0.95	1	1	3.335515
HS20_str_inv	BOBJ1	45.1733	After	Left Exterior Girder	45.1226	0.95	1	1	2.668259
HS20_str_inv	BOBJ1	45.1733	After	Interior Girder 1	45.1226	0.95	1	1	2.757241
HS20_str_inv	BOBJ1	45.1733	After	Interior Girder 2	45.1226	0.95	1	1	2.638369
HS20_str_inv	BOBJ1	45.1733	After	Interior Girder 3	45.1226	0.95	1	1	2.692627
HS20_str_inv	BOBJ1	45.1733	After	Interior Girder 4	45.1226	0.95	1	1	2.692627
HS20_str_inv	BOBJ1	45.1733	After	Interior Girder 5	45.1226	0.95	1	1	2.638369
HS20_str_inv	BOBJ1	45.1733	After	Interior Girder 6	45.1226	0.95	1	1	2.757241
HS20_str_inv	BOBJ1	45.1733	After	Right Exterior Girder	45.1226	0.95	1	1	2.668259
HS20_str_inv	BOBJ1	49.2561	Before	Left Exterior Girder	49.2561	0.95	1	1	1.885837
HS20_str_inv	BOBJ1	49.2561	Before	Right Exterior Girder	49.2561	0.95	1	1	1.885837
HS20_str_inv	BOBJ1	49.2561	After	Left Exterior Girder	49.2561	0.95	1	1	1.916612
HS20_str_inv	BOBJ1	49.2561	After	Right Exterior Girder	49.2561	0.95	1	1	1.916612
HS20_str_inv	BOBJ1	50.7967	Before	Left Exterior Girder	50.7967	0.95	1	1	4.014845
HS20_str_inv	BOBJ1	50.7967	Before	Interior Girder 1	50.7967	0.95	1	1	1.944936
HS20_str_inv	BOBJ1	50.7967	Before	Interior Girder 2	50.7967	0.95	1	1	1.863972
HS20_str_inv	BOBJ1	50.7967	Before	Interior Girder 3	50.7967	0.95	1	1	1.76919
HS20_str_inv	BOBJ1	50.7967	Before	Interior Girder 4	50.7967	0.95	1	1	1.76919
HS20_str_inv	BOBJ1	50.7967	Before	Interior Girder 5	50.7967	0.95	1	1	1.863972
HS20_str_inv	BOBJ1	50.7967	Before	Interior Girder 6	50.7967	0.95	1	1	1.944936
HS20_str_inv	BOBJ1	50.7967	Before	Right Exterior Girder	50.7967	0.95	1	1	4.014845
HS20_str_inv	BOBJ1	50.7967	After	Left Exterior Girder	50.7967	0.95	1	1	3.990037
HS20_str_inv	BOBJ1	50.7967	After	Interior Girder 1	50.7967	0.95	1	1	1.939949
HS20_str_inv	BOBJ1	50.7967	After	Interior Girder 2	50.7967	0.95	1	1	1.849692
HS20_str_inv	BOBJ1	50.7967	After	Interior Girder 3	50.7967	0.95	1	1	1.763566
HS20_str_inv	BOBJ1	50.7967	After	Interior Girder 4	50.7967	0.95	1	1	1.763566
HS20_str_inv	BOBJ1	50.7967	After	Interior Girder 5	50.7967	0.95	1	1	1.849692
HS20_str_inv	BOBJ1	50.7967	After	Interior Girder 6	50.7967	0.95	1	1	1.939949
HS20_str_inv	BOBJ1	50.7967	After	Right Exterior Girder	50.7967	0.95	1	1	3.990037
HS20_str_inv	BOBJ1	51.3989	Before	Interior Girder 1	51.3989	0.95	1	1	1.846139
HS20_str_inv	BOBJ1	51.3989	Before	Interior Girder 2	51.3989	0.95	1	1	1.774422
HS20_str_inv	BOBJ1	51.3989	Before	Interior Girder 3	51.3989	0.95	1	1	1.674265
HS20_str_inv	BOBJ1	51.3989	Before	Interior Girder 4	51.3989	0.95	1	1	1.674265
HS20_str_inv	BOBJ1	51.3989	Before	Interior Girder 5	51.3989	0.95	1	1	1.774422
HS20_str_inv	BOBJ1	51.3989	Before	Interior Girder 6	51.3989	0.95	1	1	1.846139
HS20_str_inv	BOBJ1	51.3989	After	Interior Girder 1	51.3989	0.95	1	1	2.821865
HS20_str_inv	BOBJ1	51.3989	After	Interior Girder 2	51.3989	0.95	1	1	2.677744
HS20_str_inv	BOBJ1	51.3989	After	Interior Girder 3	51.3989	0.95	1	1	2.561916
HS20_str_inv	BOBJ1	51.3989	After	Interior Girder 4	51.3989	0.95	1	1	2.561916
HS20_str_inv	BOBJ1	51.3989	After	Interior Girder 5	51.3989	0.95	1	1	2.677744
HS20_str_inv	BOBJ1	51.3989	After	Interior Girder 6	51.3989	0.95	1	1	2.821865
HS20_str_inv	BOBJ1	56.42	Before	Left Exterior Girder	56.42	0.95	1	1	2.780867
HS20_str_inv	BOBJ1	56.42	Before	Interior Girder 1	56.42	0.95	1	1	1.972336
HS20_str_inv	BOBJ1	56.42	Before	Interior Girder 2	56.42	0.95	1	1	1.864092
HS20_str_inv	BOBJ1	56.42	Before	Interior Girder 3	56.42	0.95	1	1	1.562571
HS20_str_inv	BOBJ1	56.42	Before	Interior Girder 4	56.42	0.95	1	1	1.562571
HS20_str_inv	BOBJ1	56.42	Before	Interior Girder 5	56.42	0.95	1	1	1.864092
HS20_str_inv	BOBJ1	56.42	Before	Interior Girder 6	56.42	0.95	1	1	1.972336
HS20_str_inv	BOBJ1	56.42	Before	Right Exterior Girder	56.42	0.95	1	1	2.780867
HS20_str_inv	BOBJ1	56.42	After	Left Exterior Girder	0	0.95	1	1	2.850048
HS20_str_inv	BOBJ1	56.42	After	Interior Girder 1	0	0.95	1	1	1.823604
HS20_str_inv	BOBJ1	56.42	After	Interior Girder 2	0	0.95	1	1	1.748575
HS20_str_inv	BOBJ1	56.42	After	Interior Girder 3	0	0.95	1	1	1.473443
HS20_str_inv	BOBJ1	56.42	After	Interior Girder 4	0	0.95	1	1	1.473443
HS20_str_inv	BOBJ1	56.42	After	Interior Girder 5	0	0.95	1	1	1.748575
HS20_str_inv	BOBJ1	56.42	After	Interior Girder 6	0	0.95	1	1	1.823604
HS20_str_inv	BOBJ1	56.42	After	Right Exterior Girder	0	0.95	1	1	2.850048
HS20_str_inv	BOBJ1	62.0367	Before	Left Exterior Girder	5.6167	0.95	1	1	5.128403
HS20_str_inv	BOBJ1	62.0367	Before	Interior Girder 1	5.6167	0.95	1	1	3.563175
HS20_str_inv	BOBJ1	62.0367	Before	Interior Girder 2	5.6167	0.95	1	1	3.313276
HS20_str_inv	BOBJ1	62.0367	Before	Interior Girder 3	5.6167	0.95	1	1	3.098096
HS20_str_inv	BOBJ1	62.0367	Before	Interior Girder 4	5.6167	0.95	1	1	3.098096
HS20_str_inv	BOBJ1	62.0367	Before	Interior Girder 5	5.6167	0.95	1	1	3.313276

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelINonCompStrgth-Flx - Approach, Span 12-1									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
HS20_str_inv	BOBJ1	62.0367	Before	Interior Girder 6	5.6167	0.95	1	1	3.563175
HS20_str_inv	BOBJ1	62.0367	Before	Right Exterior Girder	5.6167	0.95	1	1	5.128403
HS20_str_inv	BOBJ1	62.0367	After	Left Exterior Girder	5.6167	0.95	1	1	5.070578
HS20_str_inv	BOBJ1	62.0367	After	Interior Girder 1	5.6167	0.95	1	1	3.628256
HS20_str_inv	BOBJ1	62.0367	After	Interior Girder 2	5.6167	0.95	1	1	3.372322
HS20_str_inv	BOBJ1	62.0367	After	Interior Girder 3	5.6167	0.95	1	1	3.155992
HS20_str_inv	BOBJ1	62.0367	After	Interior Girder 4	5.6167	0.95	1	1	3.155992
HS20_str_inv	BOBJ1	62.0367	After	Interior Girder 5	5.6167	0.95	1	1	3.372322
HS20_str_inv	BOBJ1	62.0367	After	Interior Girder 6	5.6167	0.95	1	1	3.628256
HS20_str_inv	BOBJ1	62.0367	After	Right Exterior Girder	5.6167	0.95	1	1	5.070578
HS20_str_inv	BOBJ1	62.4203	Before	Interior Girder 1	6.0003	0.95	1	1	3.710023
HS20_str_inv	BOBJ1	62.4203	Before	Interior Girder 2	6.0003	0.95	1	1	3.440889
HS20_str_inv	BOBJ1	62.4203	Before	Interior Girder 3	6.0003	0.95	1	1	3.238902
HS20_str_inv	BOBJ1	62.4203	Before	Interior Girder 4	6.0003	0.95	1	1	3.238902
HS20_str_inv	BOBJ1	62.4203	Before	Interior Girder 5	6.0003	0.95	1	1	3.440889
HS20_str_inv	BOBJ1	62.4203	Before	Interior Girder 6	6.0003	0.95	1	1	3.710023
HS20_str_inv	BOBJ1	62.4203	After	Interior Girder 1	6.0003	0.95	1	1	2.433251
HS20_str_inv	BOBJ1	62.4203	After	Interior Girder 2	6.0003	0.95	1	1	2.293867
HS20_str_inv	BOBJ1	62.4203	After	Interior Girder 3	6.0003	0.95	1	1	2.125899
HS20_str_inv	BOBJ1	62.4203	After	Interior Girder 4	6.0003	0.95	1	1	2.125899
HS20_str_inv	BOBJ1	62.4203	After	Interior Girder 5	6.0003	0.95	1	1	2.293867
HS20_str_inv	BOBJ1	62.4203	After	Interior Girder 6	6.0003	0.95	1	1	2.433251
HS20_str_inv	BOBJ1	64.9204	Before	Left Exterior Girder	8.5004	0.95	1	1	5.886497
HS20_str_inv	BOBJ1	64.9204	Before	Right Exterior Girder	8.5004	0.95	1	1	5.886497
HS20_str_inv	BOBJ1	64.9204	After	Left Exterior Girder	8.5004	0.95	1	1	2.659176
HS20_str_inv	BOBJ1	64.9204	After	Right Exterior Girder	8.5004	0.95	1	1	2.659176
HS20_str_inv	BOBJ1	67.6533	Before	Left Exterior Girder	11.2333	0.95	1	1	3.314025
HS20_str_inv	BOBJ1	67.6533	Before	Interior Girder 1	11.2333	0.95	1	1	3.36525
HS20_str_inv	BOBJ1	67.6533	Before	Interior Girder 2	11.2333	0.95	1	1	3.166366
HS20_str_inv	BOBJ1	67.6533	Before	Interior Girder 3	11.2333	0.95	1	1	3.161387
HS20_str_inv	BOBJ1	67.6533	Before	Interior Girder 4	11.2333	0.95	1	1	3.161387
HS20_str_inv	BOBJ1	67.6533	Before	Interior Girder 5	11.2333	0.95	1	1	3.166366
HS20_str_inv	BOBJ1	67.6533	Before	Interior Girder 6	11.2333	0.95	1	1	3.36525
HS20_str_inv	BOBJ1	67.6533	Before	Right Exterior Girder	11.2333	0.95	1	1	3.314025
HS20_str_inv	BOBJ1	67.6533	After	Left Exterior Girder	11.2333	0.95	1	1	3.279092
HS20_str_inv	BOBJ1	67.6533	After	Interior Girder 1	11.2333	0.95	1	1	3.397156
HS20_str_inv	BOBJ1	67.6533	After	Interior Girder 2	11.2333	0.95	1	1	3.213422
HS20_str_inv	BOBJ1	67.6533	After	Interior Girder 3	11.2333	0.95	1	1	3.193035
HS20_str_inv	BOBJ1	67.6533	After	Interior Girder 4	11.2333	0.95	1	1	3.193035
HS20_str_inv	BOBJ1	67.6533	After	Interior Girder 5	11.2333	0.95	1	1	3.213422
HS20_str_inv	BOBJ1	67.6533	After	Interior Girder 6	11.2333	0.95	1	1	3.397156
HS20_str_inv	BOBJ1	67.6533	After	Right Exterior Girder	11.2333	0.95	1	1	3.279092
HS20_str_inv	BOBJ1	73.27	Before	Left Exterior Girder	16.85	0.95	1	1	3.363174
HS20_str_inv	BOBJ1	73.27	Before	Interior Girder 1	16.85	0.95	1	1	2.596526
HS20_str_inv	BOBJ1	73.27	Before	Interior Girder 2	16.85	0.95	1	1	2.360899
HS20_str_inv	BOBJ1	73.27	Before	Interior Girder 3	16.85	0.95	1	1	2.271014
HS20_str_inv	BOBJ1	73.27	Before	Interior Girder 4	16.85	0.95	1	1	2.271014
HS20_str_inv	BOBJ1	73.27	Before	Interior Girder 5	16.85	0.95	1	1	2.360899
HS20_str_inv	BOBJ1	73.27	Before	Interior Girder 6	16.85	0.95	1	1	2.596526
HS20_str_inv	BOBJ1	73.27	Before	Right Exterior Girder	16.85	0.95	1	1	3.363174
HS20_str_inv	BOBJ1	73.27	After	Left Exterior Girder	16.85	0.95	1	1	3.421841
HS20_str_inv	BOBJ1	73.27	After	Interior Girder 1	16.85	0.95	1	1	2.571666
HS20_str_inv	BOBJ1	73.27	After	Interior Girder 2	16.85	0.95	1	1	2.362821
HS20_str_inv	BOBJ1	73.27	After	Interior Girder 3	16.85	0.95	1	1	2.300075
HS20_str_inv	BOBJ1	73.27	After	Interior Girder 4	16.85	0.95	1	1	2.300075
HS20_str_inv	BOBJ1	73.27	After	Interior Girder 5	16.85	0.95	1	1	2.362821
HS20_str_inv	BOBJ1	73.27	After	Interior Girder 6	16.85	0.95	1	1	2.571666
HS20_str_inv	BOBJ1	73.27	After	Right Exterior Girder	16.85	0.95	1	1	3.421841
HS20_str_inv	BOBJ1	78.8867	Before	Left Exterior Girder	22.4667	0.95	1	1	2.269542
HS20_str_inv	BOBJ1	78.8867	Before	Interior Girder 1	22.4667	0.95	1	1	1.735908
HS20_str_inv	BOBJ1	78.8867	Before	Interior Girder 2	22.4667	0.95	1	1	1.637202
HS20_str_inv	BOBJ1	78.8867	Before	Interior Girder 3	22.4667	0.95	1	1	1.574301
HS20_str_inv	BOBJ1	78.8867	Before	Interior Girder 4	22.4667	0.95	1	1	1.574301
HS20_str_inv	BOBJ1	78.8867	Before	Interior Girder 5	22.4667	0.95	1	1	1.637202
HS20_str_inv	BOBJ1	78.8867	Before	Interior Girder 6	22.4667	0.95	1	1	1.735908

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelINonCompStrgth-Flx - Approach, Span 12-1									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
HS20_str_inv	BOBJ1	78.8867	Before	Right Exterior Girder	22.4667	0.95	1	1	2.269542
HS20_str_inv	BOBJ1	78.8867	After	Left Exterior Girder	22.4667	0.95	1	1	2.310212
HS20_str_inv	BOBJ1	78.8867	After	Interior Girder 1	22.4667	0.95	1	1	1.720055
HS20_str_inv	BOBJ1	78.8867	After	Interior Girder 2	22.4667	0.95	1	1	1.63431
HS20_str_inv	BOBJ1	78.8867	After	Interior Girder 3	22.4667	0.95	1	1	1.590111
HS20_str_inv	BOBJ1	78.8867	After	Interior Girder 4	22.4667	0.95	1	1	1.590111
HS20_str_inv	BOBJ1	78.8867	After	Interior Girder 5	22.4667	0.95	1	1	1.63431
HS20_str_inv	BOBJ1	78.8867	After	Interior Girder 6	22.4667	0.95	1	1	1.720055
HS20_str_inv	BOBJ1	78.8867	After	Right Exterior Girder	22.4667	0.95	1	1	2.310212
HS20_str_inv	BOBJ1	84.5033	Before	Left Exterior Girder	28.0833	0.95	1	1	1.792896
HS20_str_inv	BOBJ1	84.5033	Before	Interior Girder 1	28.0833	0.95	1	1	1.440931
HS20_str_inv	BOBJ1	84.5033	Before	Interior Girder 2	28.0833	0.95	1	1	1.376592
HS20_str_inv	BOBJ1	84.5033	Before	Interior Girder 3	28.0833	0.95	1	1	1.336617
HS20_str_inv	BOBJ1	84.5033	Before	Interior Girder 4	28.0833	0.95	1	1	1.336617
HS20_str_inv	BOBJ1	84.5033	Before	Interior Girder 5	28.0833	0.95	1	1	1.376592
HS20_str_inv	BOBJ1	84.5033	Before	Interior Girder 6	28.0833	0.95	1	1	1.440931
HS20_str_inv	BOBJ1	84.5033	Before	Right Exterior Girder	28.0833	0.95	1	1	1.792896
HS20_str_inv	BOBJ1	84.5033	After	Left Exterior Girder	28.0833	0.95	1	1	1.793712
HS20_str_inv	BOBJ1	84.5033	After	Interior Girder 1	28.0833	0.95	1	1	1.446111
HS20_str_inv	BOBJ1	84.5033	After	Interior Girder 2	28.0833	0.95	1	1	1.385399
HS20_str_inv	BOBJ1	84.5033	After	Interior Girder 3	28.0833	0.95	1	1	1.352401
HS20_str_inv	BOBJ1	84.5033	After	Interior Girder 4	28.0833	0.95	1	1	1.352401
HS20_str_inv	BOBJ1	84.5033	After	Interior Girder 5	28.0833	0.95	1	1	1.385399
HS20_str_inv	BOBJ1	84.5033	After	Interior Girder 6	28.0833	0.95	1	1	1.446111
HS20_str_inv	BOBJ1	84.5033	After	Right Exterior Girder	28.0833	0.95	1	1	1.793712
HS20_str_inv	BOBJ1	90.12	Before	Left Exterior Girder	33.7	0.95	1	1	1.609563
HS20_str_inv	BOBJ1	90.12	Before	Interior Girder 1	33.7	0.95	1	1	1.426677
HS20_str_inv	BOBJ1	90.12	Before	Interior Girder 2	33.7	0.95	1	1	1.365576
HS20_str_inv	BOBJ1	90.12	Before	Interior Girder 3	33.7	0.95	1	1	1.33343
HS20_str_inv	BOBJ1	90.12	Before	Interior Girder 4	33.7	0.95	1	1	1.33343
HS20_str_inv	BOBJ1	90.12	Before	Interior Girder 5	33.7	0.95	1	1	1.365576
HS20_str_inv	BOBJ1	90.12	Before	Interior Girder 6	33.7	0.95	1	1	1.426677
HS20_str_inv	BOBJ1	90.12	Before	Right Exterior Girder	33.7	0.95	1	1	1.609563
HS20_str_inv	BOBJ1	90.12	After	Left Exterior Girder	33.7	0.95	1	1	1.613603
HS20_str_inv	BOBJ1	90.12	After	Interior Girder 1	33.7	0.95	1	1	1.423261
HS20_str_inv	BOBJ1	90.12	After	Interior Girder 2	33.7	0.95	1	1	1.363708
HS20_str_inv	BOBJ1	90.12	After	Interior Girder 3	33.7	0.95	1	1	1.33151
HS20_str_inv	BOBJ1	90.12	After	Interior Girder 4	33.7	0.95	1	1	1.33151
HS20_str_inv	BOBJ1	90.12	After	Interior Girder 5	33.7	0.95	1	1	1.363708
HS20_str_inv	BOBJ1	90.12	After	Interior Girder 6	33.7	0.95	1	1	1.423261
HS20_str_inv	BOBJ1	90.12	After	Right Exterior Girder	33.7	0.95	1	1	1.613603
HS20_str_inv	BOBJ1	95.7367	Before	Left Exterior Girder	39.3167	0.95	1	1	1.778792
HS20_str_inv	BOBJ1	95.7367	Before	Interior Girder 1	39.3167	0.95	1	1	1.437163
HS20_str_inv	BOBJ1	95.7367	Before	Interior Girder 2	39.3167	0.95	1	1	1.377298
HS20_str_inv	BOBJ1	95.7367	Before	Interior Girder 3	39.3167	0.95	1	1	1.345388
HS20_str_inv	BOBJ1	95.7367	Before	Interior Girder 4	39.3167	0.95	1	1	1.345388
HS20_str_inv	BOBJ1	95.7367	Before	Interior Girder 5	39.3167	0.95	1	1	1.377298
HS20_str_inv	BOBJ1	95.7367	Before	Interior Girder 6	39.3167	0.95	1	1	1.437163
HS20_str_inv	BOBJ1	95.7367	Before	Right Exterior Girder	39.3167	0.95	1	1	1.778792
HS20_str_inv	BOBJ1	95.7367	After	Left Exterior Girder	39.3167	0.95	1	1	1.778702
HS20_str_inv	BOBJ1	95.7367	After	Interior Girder 1	39.3167	0.95	1	1	1.4314
HS20_str_inv	BOBJ1	95.7367	After	Interior Girder 2	39.3167	0.95	1	1	1.368586
HS20_str_inv	BOBJ1	95.7367	After	Interior Girder 3	39.3167	0.95	1	1	1.330138
HS20_str_inv	BOBJ1	95.7367	After	Interior Girder 4	39.3167	0.95	1	1	1.330138
HS20_str_inv	BOBJ1	95.7367	After	Interior Girder 5	39.3167	0.95	1	1	1.368586
HS20_str_inv	BOBJ1	95.7367	After	Interior Girder 6	39.3167	0.95	1	1	1.4314
HS20_str_inv	BOBJ1	95.7367	After	Right Exterior Girder	39.3167	0.95	1	1	1.778702
HS20_str_inv	BOBJ1	101.3533	Before	Left Exterior Girder	44.9333	0.95	1	1	2.25629
HS20_str_inv	BOBJ1	101.3533	Before	Interior Girder 1	44.9333	0.95	1	1	1.699301
HS20_str_inv	BOBJ1	101.3533	Before	Interior Girder 2	44.9333	0.95	1	1	1.615148
HS20_str_inv	BOBJ1	101.3533	Before	Interior Girder 3	44.9333	0.95	1	1	1.575624
HS20_str_inv	BOBJ1	101.3533	Before	Interior Girder 4	44.9333	0.95	1	1	1.575624
HS20_str_inv	BOBJ1	101.3533	Before	Interior Girder 5	44.9333	0.95	1	1	1.615148
HS20_str_inv	BOBJ1	101.3533	Before	Interior Girder 6	44.9333	0.95	1	1	1.699301
HS20_str_inv	BOBJ1	101.3533	Before	Right Exterior Girder	44.9333	0.95	1	1	2.25629

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelINonCompStrgth-Flx - Approach, Span 12-1									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
HS20_str_inv	BOBJ1	101.3533	After	Left Exterior Girder	44.9333	0.95	1	1	2.218049
HS20_str_inv	BOBJ1	101.3533	After	Interior Girder 1	44.9333	0.95	1	1	1.714247
HS20_str_inv	BOBJ1	101.3533	After	Interior Girder 2	44.9333	0.95	1	1	1.618658
HS20_str_inv	BOBJ1	101.3533	After	Interior Girder 3	44.9333	0.95	1	1	1.560889
HS20_str_inv	BOBJ1	101.3533	After	Interior Girder 4	44.9333	0.95	1	1	1.560889
HS20_str_inv	BOBJ1	101.3533	After	Interior Girder 5	44.9333	0.95	1	1	1.618658
HS20_str_inv	BOBJ1	101.3533	After	Interior Girder 6	44.9333	0.95	1	1	1.714247
HS20_str_inv	BOBJ1	101.3533	After	Right Exterior Girder	44.9333	0.95	1	1	2.218049
HS20_str_inv	BOBJ1	106.97	Before	Left Exterior Girder	50.55	0.95	1	1	3.266039
HS20_str_inv	BOBJ1	106.97	Before	Interior Girder 1	50.55	0.95	1	1	2.517474
HS20_str_inv	BOBJ1	106.97	Before	Interior Girder 2	50.55	0.95	1	1	2.312289
HS20_str_inv	BOBJ1	106.97	Before	Interior Girder 3	50.55	0.95	1	1	2.261038
HS20_str_inv	BOBJ1	106.97	Before	Interior Girder 4	50.55	0.95	1	1	2.261038
HS20_str_inv	BOBJ1	106.97	Before	Interior Girder 5	50.55	0.95	1	1	2.312289
HS20_str_inv	BOBJ1	106.97	Before	Interior Girder 6	50.55	0.95	1	1	2.517474
HS20_str_inv	BOBJ1	106.97	Before	Right Exterior Girder	50.55	0.95	1	1	3.266039
HS20_str_inv	BOBJ1	106.97	After	Left Exterior Girder	50.55	0.95	1	1	3.238286
HS20_str_inv	BOBJ1	106.97	After	Interior Girder 1	50.55	0.95	1	1	2.523274
HS20_str_inv	BOBJ1	106.97	After	Interior Girder 2	50.55	0.95	1	1	2.302394
HS20_str_inv	BOBJ1	106.97	After	Interior Girder 3	50.55	0.95	1	1	2.22621
HS20_str_inv	BOBJ1	106.97	After	Interior Girder 4	50.55	0.95	1	1	2.22621
HS20_str_inv	BOBJ1	106.97	After	Interior Girder 5	50.55	0.95	1	1	2.302394
HS20_str_inv	BOBJ1	106.97	After	Interior Girder 6	50.55	0.95	1	1	2.523274
HS20_str_inv	BOBJ1	106.97	After	Right Exterior Girder	50.55	0.95	1	1	3.238286
HS20_str_inv	BOBJ1	112.5933	Before	Left Exterior Girder	56.1733	0.95	1	1	2.71602
HS20_str_inv	BOBJ1	112.5933	Before	Interior Girder 1	56.1733	0.95	1	1	2.870688
HS20_str_inv	BOBJ1	112.5933	Before	Interior Girder 2	56.1733	0.95	1	1	2.743481
HS20_str_inv	BOBJ1	112.5933	Before	Interior Girder 3	56.1733	0.95	1	1	2.764141
HS20_str_inv	BOBJ1	112.5933	Before	Interior Girder 4	56.1733	0.95	1	1	2.764141
HS20_str_inv	BOBJ1	112.5933	Before	Interior Girder 5	56.1733	0.95	1	1	2.743481
HS20_str_inv	BOBJ1	112.5933	Before	Interior Girder 6	56.1733	0.95	1	1	2.870688
HS20_str_inv	BOBJ1	112.5933	Before	Right Exterior Girder	56.1733	0.95	1	1	2.71602
HS20_str_inv	BOBJ1	112.5933	After	Left Exterior Girder	56.1733	0.95	1	1	2.743112
HS20_str_inv	BOBJ1	112.5933	After	Interior Girder 1	56.1733	0.95	1	1	2.849442
HS20_str_inv	BOBJ1	112.5933	After	Interior Girder 2	56.1733	0.95	1	1	2.712791
HS20_str_inv	BOBJ1	112.5933	After	Interior Girder 3	56.1733	0.95	1	1	2.743702
HS20_str_inv	BOBJ1	112.5933	After	Interior Girder 4	56.1733	0.95	1	1	2.743702
HS20_str_inv	BOBJ1	112.5933	After	Interior Girder 5	56.1733	0.95	1	1	2.712791
HS20_str_inv	BOBJ1	112.5933	After	Interior Girder 6	56.1733	0.95	1	1	2.849442
HS20_str_inv	BOBJ1	112.5933	After	Right Exterior Girder	56.1733	0.95	1	1	2.743112
HS20_str_inv	BOBJ1	115.3396	Before	Left Exterior Girder	58.9196	0.95	1	1	2.189522
HS20_str_inv	BOBJ1	115.3396	Before	Right Exterior Girder	58.9196	0.95	1	1	2.189522
HS20_str_inv	BOBJ1	115.3396	After	Left Exterior Girder	58.9196	0.95	1	1	4.884747
HS20_str_inv	BOBJ1	115.3396	After	Right Exterior Girder	58.9196	0.95	1	1	4.884747
HS20_str_inv	BOBJ1	118.2167	Before	Left Exterior Girder	61.7967	0.95	1	1	4.205864
HS20_str_inv	BOBJ1	118.2167	Before	Interior Girder 1	61.9198	0.95	1	1	1.981954
HS20_str_inv	BOBJ1	118.2167	Before	Interior Girder 2	61.9198	0.95	1	1	1.906905
HS20_str_inv	BOBJ1	118.2167	Before	Interior Girder 3	61.9198	0.95	1	1	1.788816
HS20_str_inv	BOBJ1	118.2167	Before	Interior Girder 4	61.9198	0.95	1	1	1.788816
HS20_str_inv	BOBJ1	118.2167	Before	Interior Girder 5	61.9198	0.95	1	1	1.906905
HS20_str_inv	BOBJ1	118.2167	Before	Interior Girder 6	61.9198	0.95	1	1	1.981954
HS20_str_inv	BOBJ1	118.2167	Before	Right Exterior Girder	61.7967	0.95	1	1	4.205864
HS20_str_inv	BOBJ1	118.2167	After	Left Exterior Girder	61.7967	0.95	1	1	4.211868
HS20_str_inv	BOBJ1	118.2167	After	Interior Girder 1	61.9198	0.95	1	1	3.051756
HS20_str_inv	BOBJ1	118.2167	After	Interior Girder 2	61.9198	0.95	1	1	2.857557
HS20_str_inv	BOBJ1	118.2167	After	Interior Girder 3	61.9198	0.95	1	1	2.724378
HS20_str_inv	BOBJ1	118.2167	After	Interior Girder 4	61.9198	0.95	1	1	2.724378
HS20_str_inv	BOBJ1	118.2167	After	Interior Girder 5	61.9198	0.95	1	1	2.857557
HS20_str_inv	BOBJ1	118.2167	After	Interior Girder 6	61.9198	0.95	1	1	3.051756
HS20_str_inv	BOBJ1	118.2167	After	Right Exterior Girder	61.7967	0.95	1	1	4.211868
HS20_str_inv	BOBJ1	123.84	Before	Left Exterior Girder	67.42	0.95	1	1	2.877076
HS20_str_inv	BOBJ1	123.84	Before	Interior Girder 1	67.42	0.95	1	1	1.91153
HS20_str_inv	BOBJ1	123.84	Before	Interior Girder 2	67.42	0.95	1	1	1.781233
HS20_str_inv	BOBJ1	123.84	Before	Interior Girder 3	67.42	0.95	1	1	1.473711
HS20_str_inv	BOBJ1	123.84	Before	Interior Girder 4	67.42	0.95	1	1	1.473711

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelINonCompStrgth-Flx - Approach, Span 12-1									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
HS20_str_inv	BOBJ1	123.84	Before	Interior Girder 5	67.42	0.95	1	1	1.781233
HS20_str_inv	BOBJ1	123.84	Before	Interior Girder 6	67.42	0.95	1	1	1.91153
HS20_str_inv	BOBJ1	123.84	Before	Right Exterior Girder	67.42	0.95	1	1	2.877076
HS20_str_inv	BOBJ1	123.84	After	Left Exterior Girder	0	0.95	1	1	3.074471
HS20_str_inv	BOBJ1	123.84	After	Interior Girder 1	0	0.95	1	1	2.060429
HS20_str_inv	BOBJ1	123.84	After	Interior Girder 2	0	0.95	1	1	1.93113
HS20_str_inv	BOBJ1	123.84	After	Interior Girder 3	0	0.95	1	1	1.60132
HS20_str_inv	BOBJ1	123.84	After	Interior Girder 4	0	0.95	1	1	1.60132
HS20_str_inv	BOBJ1	123.84	After	Interior Girder 5	0	0.95	1	1	1.93113
HS20_str_inv	BOBJ1	123.84	After	Interior Girder 6	0	0.95	1	1	2.060429
HS20_str_inv	BOBJ1	123.84	After	Right Exterior Girder	0	0.95	1	1	3.074471
HS20_str_inv	BOBJ1	129.34	Before	Interior Girder 1	5.5	0.95	1	1	3.261545
HS20_str_inv	BOBJ1	129.34	Before	Interior Girder 2	5.5	0.95	1	1	3.068611
HS20_str_inv	BOBJ1	129.34	Before	Interior Girder 3	5.5	0.95	1	1	2.931856
HS20_str_inv	BOBJ1	129.34	Before	Interior Girder 4	5.5	0.95	1	1	2.931856
HS20_str_inv	BOBJ1	129.34	Before	Interior Girder 5	5.5	0.95	1	1	3.068611
HS20_str_inv	BOBJ1	129.34	Before	Interior Girder 6	5.5	0.95	1	1	3.261545
HS20_str_inv	BOBJ1	129.34	After	Interior Girder 1	5.5	0.95	1	1	2.155341
HS20_str_inv	BOBJ1	129.34	After	Interior Girder 2	5.5	0.95	1	1	2.04919
HS20_str_inv	BOBJ1	129.34	After	Interior Girder 3	5.5	0.95	1	1	1.935093
HS20_str_inv	BOBJ1	129.34	After	Interior Girder 4	5.5	0.95	1	1	1.935093
HS20_str_inv	BOBJ1	129.34	After	Interior Girder 5	5.5	0.95	1	1	2.04919
HS20_str_inv	BOBJ1	129.34	After	Interior Girder 6	5.5	0.95	1	1	2.155341
HS20_str_inv	BOBJ1	130.79	Before	Left Exterior Girder	6.95	0.95	1	1	4.807132
HS20_str_inv	BOBJ1	130.79	Before	Interior Girder 1	6.95	0.95	1	1	2.394235
HS20_str_inv	BOBJ1	130.79	Before	Interior Girder 2	6.95	0.95	1	1	2.249436
HS20_str_inv	BOBJ1	130.79	Before	Interior Girder 3	6.95	0.95	1	1	2.179679
HS20_str_inv	BOBJ1	130.79	Before	Interior Girder 4	6.95	0.95	1	1	2.179679
HS20_str_inv	BOBJ1	130.79	Before	Interior Girder 5	6.95	0.95	1	1	2.249436
HS20_str_inv	BOBJ1	130.79	Before	Interior Girder 6	6.95	0.95	1	1	2.394235
HS20_str_inv	BOBJ1	130.79	Before	Right Exterior Girder	6.95	0.95	1	1	4.807132
HS20_str_inv	BOBJ1	130.79	After	Left Exterior Girder	6.95	0.95	1	1	4.844406
HS20_str_inv	BOBJ1	130.79	After	Interior Girder 1	6.95	0.95	1	1	2.38343
HS20_str_inv	BOBJ1	130.79	After	Interior Girder 2	6.95	0.95	1	1	2.270901
HS20_str_inv	BOBJ1	130.79	After	Interior Girder 3	6.95	0.95	1	1	2.192553
HS20_str_inv	BOBJ1	130.79	After	Interior Girder 4	6.95	0.95	1	1	2.192553
HS20_str_inv	BOBJ1	130.79	After	Interior Girder 5	6.95	0.95	1	1	2.270901
HS20_str_inv	BOBJ1	130.79	After	Interior Girder 6	6.95	0.95	1	1	2.38343
HS20_str_inv	BOBJ1	130.79	After	Right Exterior Girder	6.95	0.95	1	1	4.844406
HS20_str_inv	BOBJ1	132.34	Before	Left Exterior Girder	8.5	0.95	1	1	5.262231
HS20_str_inv	BOBJ1	132.34	Before	Right Exterior Girder	8.5	0.95	1	1	5.262231
HS20_str_inv	BOBJ1	132.34	After	Left Exterior Girder	8.5	0.95	1	1	2.351987
HS20_str_inv	BOBJ1	132.34	After	Right Exterior Girder	8.5	0.95	1	1	2.351987
HS20_str_inv	BOBJ1	137.74	Before	Left Exterior Girder	13.9	0.95	1	1	3.468647
HS20_str_inv	BOBJ1	137.74	Before	Interior Girder 1	13.9	0.95	1	1	3.298838
HS20_str_inv	BOBJ1	137.74	Before	Interior Girder 2	13.9	0.95	1	1	2.97397
HS20_str_inv	BOBJ1	137.74	Before	Interior Girder 3	13.9	0.95	1	1	2.858306
HS20_str_inv	BOBJ1	137.74	Before	Interior Girder 4	13.9	0.95	1	1	2.858306
HS20_str_inv	BOBJ1	137.74	Before	Interior Girder 5	13.9	0.95	1	1	2.97397
HS20_str_inv	BOBJ1	137.74	Before	Interior Girder 6	13.9	0.95	1	1	3.298838
HS20_str_inv	BOBJ1	137.74	Before	Right Exterior Girder	13.9	0.95	1	1	3.468647
HS20_str_inv	BOBJ1	137.74	After	Left Exterior Girder	13.9	0.95	1	1	3.783696
HS20_str_inv	BOBJ1	137.74	After	Interior Girder 1	13.9	0.95	1	1	3.276504
HS20_str_inv	BOBJ1	137.74	After	Interior Girder 2	13.9	0.95	1	1	2.970441
HS20_str_inv	BOBJ1	137.74	After	Interior Girder 3	13.9	0.95	1	1	2.90355
HS20_str_inv	BOBJ1	137.74	After	Interior Girder 4	13.9	0.95	1	1	2.90355
HS20_str_inv	BOBJ1	137.74	After	Interior Girder 5	13.9	0.95	1	1	2.970441
HS20_str_inv	BOBJ1	137.74	After	Interior Girder 6	13.9	0.95	1	1	3.276504
HS20_str_inv	BOBJ1	137.74	After	Right Exterior Girder	13.9	0.95	1	1	3.783696
HS20_str_inv	BOBJ1	143.7733	Before	Left Exterior Girder	19.9333	0.95	1	1	2.65656
HS20_str_inv	BOBJ1	143.7733	Before	Interior Girder 1	19.9333	0.95	1	1	1.926118
HS20_str_inv	BOBJ1	143.7733	Before	Interior Girder 2	19.9333	0.95	1	1	1.808635
HS20_str_inv	BOBJ1	143.7733	Before	Interior Girder 3	19.9333	0.95	1	1	1.74151
HS20_str_inv	BOBJ1	143.7733	Before	Interior Girder 4	19.9333	0.95	1	1	1.74151
HS20_str_inv	BOBJ1	143.7733	Before	Interior Girder 5	19.9333	0.95	1	1	1.808635

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelINonCompStrgth-Flx - Approach, Span 12-1									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
HS20_str_inv	BOBJ1	143.7733	Before	Interior Girder 6	19.9333	0.95	1	1	1.926118
HS20_str_inv	BOBJ1	143.7733	Before	Right Exterior Girder	19.9333	0.95	1	1	2.65656
HS20_str_inv	BOBJ1	143.7733	After	Left Exterior Girder	19.9333	0.95	1	1	2.70645
HS20_str_inv	BOBJ1	143.7733	After	Interior Girder 1	19.9333	0.95	1	1	1.905017
HS20_str_inv	BOBJ1	143.7733	After	Interior Girder 2	19.9333	0.95	1	1	1.809819
HS20_str_inv	BOBJ1	143.7733	After	Interior Girder 3	19.9333	0.95	1	1	1.768848
HS20_str_inv	BOBJ1	143.7733	After	Interior Girder 4	19.9333	0.95	1	1	1.768848
HS20_str_inv	BOBJ1	143.7733	After	Interior Girder 5	19.9333	0.95	1	1	1.809819
HS20_str_inv	BOBJ1	143.7733	After	Interior Girder 6	19.9333	0.95	1	1	1.905017
HS20_str_inv	BOBJ1	143.7733	After	Right Exterior Girder	19.9333	0.95	1	1	2.70645
HS20_str_inv	BOBJ1	149.8067	Before	Left Exterior Girder	25.9667	0.95	1	1	1.894111
HS20_str_inv	BOBJ1	149.8067	Before	Interior Girder 1	25.9667	0.95	1	1	1.484675
HS20_str_inv	BOBJ1	149.8067	Before	Interior Girder 2	25.9667	0.95	1	1	1.413739
HS20_str_inv	BOBJ1	149.8067	Before	Interior Girder 3	25.9667	0.95	1	1	1.374347
HS20_str_inv	BOBJ1	149.8067	Before	Interior Girder 4	25.9667	0.95	1	1	1.374347
HS20_str_inv	BOBJ1	149.8067	Before	Interior Girder 5	25.9667	0.95	1	1	1.413739
HS20_str_inv	BOBJ1	149.8067	Before	Interior Girder 6	25.9667	0.95	1	1	1.484675
HS20_str_inv	BOBJ1	149.8067	Before	Right Exterior Girder	25.9667	0.95	1	1	1.894111
HS20_str_inv	BOBJ1	149.8067	After	Left Exterior Girder	25.9667	0.95	1	1	1.896282
HS20_str_inv	BOBJ1	149.8067	After	Interior Girder 1	25.9667	0.95	1	1	1.487856
HS20_str_inv	BOBJ1	149.8067	After	Interior Girder 2	25.9667	0.95	1	1	1.424613
HS20_str_inv	BOBJ1	149.8067	After	Interior Girder 3	25.9667	0.95	1	1	1.396405
HS20_str_inv	BOBJ1	149.8067	After	Interior Girder 4	25.9667	0.95	1	1	1.396405
HS20_str_inv	BOBJ1	149.8067	After	Interior Girder 5	25.9667	0.95	1	1	1.424613
HS20_str_inv	BOBJ1	149.8067	After	Interior Girder 6	25.9667	0.95	1	1	1.487856
HS20_str_inv	BOBJ1	149.8067	After	Right Exterior Girder	25.9667	0.95	1	1	1.896282
HS20_str_inv	BOBJ1	155.84	Before	Left Exterior Girder	32	0.95	1	1	1.587712
HS20_str_inv	BOBJ1	155.84	Before	Interior Girder 1	32	0.95	1	1	1.406905
HS20_str_inv	BOBJ1	155.84	Before	Interior Girder 2	32	0.95	1	1	1.34595
HS20_str_inv	BOBJ1	155.84	Before	Interior Girder 3	32	0.95	1	1	1.316775
HS20_str_inv	BOBJ1	155.84	Before	Interior Girder 4	32	0.95	1	1	1.316775
HS20_str_inv	BOBJ1	155.84	Before	Interior Girder 5	32	0.95	1	1	1.34595
HS20_str_inv	BOBJ1	155.84	Before	Interior Girder 6	32	0.95	1	1	1.406905
HS20_str_inv	BOBJ1	155.84	Before	Right Exterior Girder	32	0.95	1	1	1.587712
HS20_str_inv	BOBJ1	155.84	After	Left Exterior Girder	32	0.95	1	1	1.593891
HS20_str_inv	BOBJ1	155.84	After	Interior Girder 1	32	0.95	1	1	1.404035
HS20_str_inv	BOBJ1	155.84	After	Interior Girder 2	32	0.95	1	1	1.344455
HS20_str_inv	BOBJ1	155.84	After	Interior Girder 3	32	0.95	1	1	1.320166
HS20_str_inv	BOBJ1	155.84	After	Interior Girder 4	32	0.95	1	1	1.320166
HS20_str_inv	BOBJ1	155.84	After	Interior Girder 5	32	0.95	1	1	1.344455
HS20_str_inv	BOBJ1	155.84	After	Interior Girder 6	32	0.95	1	1	1.404035
HS20_str_inv	BOBJ1	155.84	After	Right Exterior Girder	32	0.95	1	1	1.593891
HS20_str_inv	BOBJ1	161.8733	Before	Left Exterior Girder	38.0333	0.95	1	1	1.712083
HS20_str_inv	BOBJ1	161.8733	Before	Interior Girder 1	38.0333	0.95	1	1	1.380212
HS20_str_inv	BOBJ1	161.8733	Before	Interior Girder 2	38.0333	0.95	1	1	1.321404
HS20_str_inv	BOBJ1	161.8733	Before	Interior Girder 3	38.0333	0.95	1	1	1.290859
HS20_str_inv	BOBJ1	161.8733	Before	Interior Girder 4	38.0333	0.95	1	1	1.290859
HS20_str_inv	BOBJ1	161.8733	Before	Interior Girder 5	38.0333	0.95	1	1	1.321404
HS20_str_inv	BOBJ1	161.8733	Before	Interior Girder 6	38.0333	0.95	1	1	1.380212
HS20_str_inv	BOBJ1	161.8733	Before	Right Exterior Girder	38.0333	0.95	1	1	1.712083
HS20_str_inv	BOBJ1	161.8733	After	Left Exterior Girder	38.0333	0.95	1	1	1.714585
HS20_str_inv	BOBJ1	161.8733	After	Interior Girder 1	38.0333	0.95	1	1	1.372349
HS20_str_inv	BOBJ1	161.8733	After	Interior Girder 2	38.0333	0.95	1	1	1.312017
HS20_str_inv	BOBJ1	161.8733	After	Interior Girder 3	38.0333	0.95	1	1	1.274588
HS20_str_inv	BOBJ1	161.8733	After	Interior Girder 4	38.0333	0.95	1	1	1.274588
HS20_str_inv	BOBJ1	161.8733	After	Interior Girder 5	38.0333	0.95	1	1	1.312017
HS20_str_inv	BOBJ1	161.8733	After	Interior Girder 6	38.0333	0.95	1	1	1.372349
HS20_str_inv	BOBJ1	161.8733	After	Right Exterior Girder	38.0333	0.95	1	1	1.714585
HS20_str_inv	BOBJ1	167.9067	Before	Left Exterior Girder	44.0667	0.95	1	1	2.147078
HS20_str_inv	BOBJ1	167.9067	Before	Interior Girder 1	44.0667	0.95	1	1	1.608444
HS20_str_inv	BOBJ1	167.9067	Before	Interior Girder 2	44.0667	0.95	1	1	1.526981
HS20_str_inv	BOBJ1	167.9067	Before	Interior Girder 3	44.0667	0.95	1	1	1.489507
HS20_str_inv	BOBJ1	167.9067	Before	Interior Girder 4	44.0667	0.95	1	1	1.489507
HS20_str_inv	BOBJ1	167.9067	Before	Interior Girder 5	44.0667	0.95	1	1	1.526981
HS20_str_inv	BOBJ1	167.9067	Before	Interior Girder 6	44.0667	0.95	1	1	1.608444

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelINonCompStrgth-Flx - Approach, Span 12-1									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
HS20_str_inv	BOBJ1	167.9067	Before	Right Exterior Girder	44.0667	0.95	1	1	2.147078
HS20_str_inv	BOBJ1	167.9067	After	Left Exterior Girder	44.0667	0.95	1	1	2.109177
HS20_str_inv	BOBJ1	167.9067	After	Interior Girder 1	44.0667	0.95	1	1	1.623042
HS20_str_inv	BOBJ1	167.9067	After	Interior Girder 2	44.0667	0.95	1	1	1.530402
HS20_str_inv	BOBJ1	167.9067	After	Interior Girder 3	44.0667	0.95	1	1	1.474196
HS20_str_inv	BOBJ1	167.9067	After	Interior Girder 4	44.0667	0.95	1	1	1.474196
HS20_str_inv	BOBJ1	167.9067	After	Interior Girder 5	44.0667	0.95	1	1	1.530402
HS20_str_inv	BOBJ1	167.9067	After	Interior Girder 6	44.0667	0.95	1	1	1.623042
HS20_str_inv	BOBJ1	167.9067	After	Right Exterior Girder	44.0667	0.95	1	1	2.109177
HS20_str_inv	BOBJ1	173.94	Before	Left Exterior Girder	50.1	0.95	1	1	3.111655
HS20_str_inv	BOBJ1	173.94	Before	Interior Girder 1	50.1	0.95	1	1	2.40431
HS20_str_inv	BOBJ1	173.94	Before	Interior Girder 2	50.1	0.95	1	1	2.19976
HS20_str_inv	BOBJ1	173.94	Before	Interior Girder 3	50.1	0.95	1	1	2.141238
HS20_str_inv	BOBJ1	173.94	Before	Interior Girder 4	50.1	0.95	1	1	2.141238
HS20_str_inv	BOBJ1	173.94	Before	Interior Girder 5	50.1	0.95	1	1	2.19976
HS20_str_inv	BOBJ1	173.94	Before	Interior Girder 6	50.1	0.95	1	1	2.40431
HS20_str_inv	BOBJ1	173.94	Before	Right Exterior Girder	50.1	0.95	1	1	3.111655
HS20_str_inv	BOBJ1	173.94	After	Left Exterior Girder	50.1	0.95	1	1	3.081951
HS20_str_inv	BOBJ1	173.94	After	Interior Girder 1	50.1	0.95	1	1	2.409704
HS20_str_inv	BOBJ1	173.94	After	Interior Girder 2	50.1	0.95	1	1	2.190758
HS20_str_inv	BOBJ1	173.94	After	Interior Girder 3	50.1	0.95	1	1	2.113879
HS20_str_inv	BOBJ1	173.94	After	Interior Girder 4	50.1	0.95	1	1	2.113879
HS20_str_inv	BOBJ1	173.94	After	Interior Girder 5	50.1	0.95	1	1	2.190758
HS20_str_inv	BOBJ1	173.94	After	Interior Girder 6	50.1	0.95	1	1	2.409704
HS20_str_inv	BOBJ1	173.94	After	Right Exterior Girder	50.1	0.95	1	1	3.081951
HS20_str_inv	BOBJ1	179.98	Before	Left Exterior Girder	56.14	0.95	1	1	3.57859
HS20_str_inv	BOBJ1	179.98	Before	Interior Girder 1	56.14	0.95	1	1	3.659706
HS20_str_inv	BOBJ1	179.98	Before	Interior Girder 2	56.14	0.95	1	1	3.45942
HS20_str_inv	BOBJ1	179.98	Before	Interior Girder 3	56.14	0.95	1	1	3.43729
HS20_str_inv	BOBJ1	179.98	Before	Interior Girder 4	56.14	0.95	1	1	3.43729
HS20_str_inv	BOBJ1	179.98	Before	Interior Girder 5	56.14	0.95	1	1	3.45942
HS20_str_inv	BOBJ1	179.98	Before	Interior Girder 6	56.14	0.95	1	1	3.659706
HS20_str_inv	BOBJ1	179.98	Before	Right Exterior Girder	56.14	0.95	1	1	3.57859
HS20_str_inv	BOBJ1	179.98	After	Left Exterior Girder	56.14	0.95	1	1	3.61916
HS20_str_inv	BOBJ1	179.98	After	Interior Girder 1	56.14	0.95	1	1	3.62708
HS20_str_inv	BOBJ1	179.98	After	Interior Girder 2	56.14	0.95	1	1	3.402013
HS20_str_inv	BOBJ1	179.98	After	Interior Girder 3	56.14	0.95	1	1	3.394028
HS20_str_inv	BOBJ1	179.98	After	Interior Girder 4	56.14	0.95	1	1	3.394028
HS20_str_inv	BOBJ1	179.98	After	Interior Girder 5	56.14	0.95	1	1	3.402013
HS20_str_inv	BOBJ1	179.98	After	Interior Girder 6	56.14	0.95	1	1	3.62708
HS20_str_inv	BOBJ1	179.98	After	Right Exterior Girder	56.14	0.95	1	1	3.61916
HS20_str_inv	BOBJ1	183.56	Before	Left Exterior Girder	59.72	0.95	1	1	2.714884
HS20_str_inv	BOBJ1	183.56	Before	Right Exterior Girder	59.72	0.95	1	1	2.714884
HS20_str_inv	BOBJ1	183.56	After	Left Exterior Girder	59.72	0.95	1	1	6.566198
HS20_str_inv	BOBJ1	183.56	After	Right Exterior Girder	59.72	0.95	1	1	6.566198
HS20_str_inv	BOBJ1	186.02	Before	Left Exterior Girder	62.18	0.95	1	1	5.788161
HS20_str_inv	BOBJ1	186.02	Before	Interior Girder 1	62.22	0.95	1	1	2.441022
HS20_str_inv	BOBJ1	186.02	Before	Interior Girder 2	62.22	0.95	1	1	2.332565
HS20_str_inv	BOBJ1	186.02	Before	Interior Girder 3	62.22	0.95	1	1	2.142305
HS20_str_inv	BOBJ1	186.02	Before	Interior Girder 4	62.22	0.95	1	1	2.142305
HS20_str_inv	BOBJ1	186.02	Before	Interior Girder 5	62.22	0.95	1	1	2.332565
HS20_str_inv	BOBJ1	186.02	Before	Interior Girder 6	62.22	0.95	1	1	2.441022
HS20_str_inv	BOBJ1	186.02	Before	Right Exterior Girder	62.18	0.95	1	1	5.788161
HS20_str_inv	BOBJ1	186.02	After	Left Exterior Girder	62.18	0.95	1	1	5.827969
HS20_str_inv	BOBJ1	186.02	After	Interior Girder 1	62.22	0.95	1	1	3.978854
HS20_str_inv	BOBJ1	186.02	After	Interior Girder 2	62.22	0.95	1	1	3.683371
HS20_str_inv	BOBJ1	186.02	After	Interior Girder 3	62.22	0.95	1	1	3.442304
HS20_str_inv	BOBJ1	186.02	After	Interior Girder 4	62.22	0.95	1	1	3.442304
HS20_str_inv	BOBJ1	186.02	After	Interior Girder 5	62.22	0.95	1	1	3.683371
HS20_str_inv	BOBJ1	186.02	After	Interior Girder 6	62.22	0.95	1	1	3.978854
HS20_str_inv	BOBJ1	186.02	After	Right Exterior Girder	62.18	0.95	1	1	5.827969
HS20_str_inv	BOBJ1	192.06	Before	Left Exterior Girder	68.22	0.95	1	1	2.778578
HS20_str_inv	BOBJ1	192.06	Before	Interior Girder 1	68.22	0.95	1	1	1.820405
HS20_str_inv	BOBJ1	192.06	Before	Interior Girder 2	68.22	0.95	1	1	1.741574
HS20_str_inv	BOBJ1	192.06	Before	Interior Girder 3	68.22	0.95	1	1	1.468475

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelINonCompStrgth-Flx - Approach, Span 12-1									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
HS20_str_inv	BOBJ1	192.06	Before	Interior Girder 4	68.22	0.95	1	1	1.468475
HS20_str_inv	BOBJ1	192.06	Before	Interior Girder 5	68.22	0.95	1	1	1.741574
HS20_str_inv	BOBJ1	192.06	Before	Interior Girder 6	68.22	0.95	1	1	1.820405
HS20_str_inv	BOBJ1	192.06	Before	Right Exterior Girder	68.22	0.95	1	1	2.778578
HS20_str_inv	BOBJ1	192.06	After	Left Exterior Girder	0	0.95	1	1	3.426668
HS20_str_inv	BOBJ1	192.06	After	Interior Girder 1	0	0.95	1	1	2.578722
HS20_str_inv	BOBJ1	192.06	After	Interior Girder 2	0	0.95	1	1	2.395834
HS20_str_inv	BOBJ1	192.06	After	Interior Girder 3	0	0.95	1	1	2.040004
HS20_str_inv	BOBJ1	192.06	After	Interior Girder 4	0	0.95	1	1	2.040004
HS20_str_inv	BOBJ1	192.06	After	Interior Girder 5	0	0.95	1	1	2.395834
HS20_str_inv	BOBJ1	192.06	After	Interior Girder 6	0	0.95	1	1	2.578722
HS20_str_inv	BOBJ1	192.06	After	Right Exterior Girder	0	0.95	1	1	3.426668
HS20_str_inv	BOBJ1	197.087	Before	Interior Girder 1	5.027	0.95	1	1	3.416995
HS20_str_inv	BOBJ1	197.087	Before	Interior Girder 2	5.027	0.95	1	1	3.198809
HS20_str_inv	BOBJ1	197.087	Before	Interior Girder 3	5.027	0.95	1	1	3.134174
HS20_str_inv	BOBJ1	197.087	Before	Interior Girder 4	5.027	0.95	1	1	3.134174
HS20_str_inv	BOBJ1	197.087	Before	Interior Girder 5	5.027	0.95	1	1	3.198809
HS20_str_inv	BOBJ1	197.087	Before	Interior Girder 6	5.027	0.95	1	1	3.416995
HS20_str_inv	BOBJ1	197.087	After	Interior Girder 1	5.027	0.95	1	1	2.130942
HS20_str_inv	BOBJ1	197.087	After	Interior Girder 2	5.027	0.95	1	1	2.004926
HS20_str_inv	BOBJ1	197.087	After	Interior Girder 3	5.027	0.95	1	1	1.951953
HS20_str_inv	BOBJ1	197.087	After	Interior Girder 4	5.027	0.95	1	1	1.951953
HS20_str_inv	BOBJ1	197.087	After	Interior Girder 5	5.027	0.95	1	1	2.004926
HS20_str_inv	BOBJ1	197.087	After	Interior Girder 6	5.027	0.95	1	1	2.130942
HS20_str_inv	BOBJ1	197.91	Before	Left Exterior Girder	5.85	0.95	1	1	4.74849
HS20_str_inv	BOBJ1	197.91	Before	Interior Girder 1	5.85	0.95	1	1	2.254977
HS20_str_inv	BOBJ1	197.91	Before	Interior Girder 2	5.85	0.95	1	1	2.103841
HS20_str_inv	BOBJ1	197.91	Before	Interior Girder 3	5.85	0.95	1	1	2.085995
HS20_str_inv	BOBJ1	197.91	Before	Interior Girder 4	5.85	0.95	1	1	2.085995
HS20_str_inv	BOBJ1	197.91	Before	Interior Girder 5	5.85	0.95	1	1	2.103841
HS20_str_inv	BOBJ1	197.91	Before	Interior Girder 6	5.85	0.95	1	1	2.254977
HS20_str_inv	BOBJ1	197.91	Before	Right Exterior Girder	5.85	0.95	1	1	4.74849
HS20_str_inv	BOBJ1	197.91	After	Left Exterior Girder	5.85	0.95	1	1	4.025925
HS20_str_inv	BOBJ1	197.91	After	Interior Girder 1	5.85	0.95	1	1	1.876292
HS20_str_inv	BOBJ1	197.91	After	Interior Girder 2	5.85	0.95	1	1	1.771265
HS20_str_inv	BOBJ1	197.91	After	Interior Girder 3	5.85	0.95	1	1	1.737408
HS20_str_inv	BOBJ1	197.91	After	Interior Girder 4	5.85	0.95	1	1	1.737408
HS20_str_inv	BOBJ1	197.91	After	Interior Girder 5	5.85	0.95	1	1	1.771265
HS20_str_inv	BOBJ1	197.91	After	Interior Girder 6	5.85	0.95	1	1	1.876292
HS20_str_inv	BOBJ1	197.91	After	Right Exterior Girder	5.85	0.95	1	1	4.025925
HS20_str_inv	BOBJ1	199.1816	Before	Left Exterior Girder	7.1216	0.95	1	1	4.310089
HS20_str_inv	BOBJ1	199.1816	Before	Right Exterior Girder	7.1216	0.95	1	1	4.310089
HS20_str_inv	BOBJ1	199.1816	After	Left Exterior Girder	7.1216	0.95	1	1	1.729578
HS20_str_inv	BOBJ1	199.1816	After	Right Exterior Girder	7.1216	0.95	1	1	1.729578
HS20_str_inv	BOBJ1	203.5267	Before	Left Exterior Girder	11.3107	0.95	1	1	2.491478
HS20_str_inv	BOBJ1	203.5267	Before	Interior Girder 1	11.3107	0.95	1	1	2.665127
HS20_str_inv	BOBJ1	203.5267	Before	Interior Girder 2	11.3107	0.95	1	1	2.517423
HS20_str_inv	BOBJ1	203.5267	Before	Interior Girder 3	11.3107	0.95	1	1	2.597231
HS20_str_inv	BOBJ1	203.5267	Before	Interior Girder 4	11.3107	0.95	1	1	2.597231
HS20_str_inv	BOBJ1	203.5267	Before	Interior Girder 5	11.3107	0.95	1	1	2.517423
HS20_str_inv	BOBJ1	203.5267	Before	Interior Girder 6	11.3107	0.95	1	1	2.665127
HS20_str_inv	BOBJ1	203.5267	Before	Right Exterior Girder	11.3107	0.95	1	1	2.491478
HS20_str_inv	BOBJ1	203.5267	After	Left Exterior Girder	11.3107	0.95	1	1	4.010787
HS20_str_inv	BOBJ1	203.5267	After	Interior Girder 1	11.3107	0.95	1	1	4.221256
HS20_str_inv	BOBJ1	203.5267	After	Interior Girder 2	11.3107	0.95	1	1	4.030026
HS20_str_inv	BOBJ1	203.5267	After	Interior Girder 3	11.3107	0.95	1	1	4.122851
HS20_str_inv	BOBJ1	203.5267	After	Interior Girder 4	11.3107	0.95	1	1	4.122851
HS20_str_inv	BOBJ1	203.5267	After	Interior Girder 5	11.3107	0.95	1	1	4.030026
HS20_str_inv	BOBJ1	203.5267	After	Interior Girder 6	11.3107	0.95	1	1	4.221256
HS20_str_inv	BOBJ1	203.5267	After	Right Exterior Girder	11.3107	0.95	1	1	4.010787
HS20_str_inv	BOBJ1	209.1433	Before	Left Exterior Girder	17.0833	0.95	1	1	4.326754
HS20_str_inv	BOBJ1	209.1433	Before	Interior Girder 1	17.0833	0.95	1	1	3.045127
HS20_str_inv	BOBJ1	209.1433	Before	Interior Girder 2	17.0833	0.95	1	1	2.829637
HS20_str_inv	BOBJ1	209.1433	Before	Interior Girder 3	17.0833	0.95	1	1	2.75976
HS20_str_inv	BOBJ1	209.1433	Before	Interior Girder 4	17.0833	0.95	1	1	2.75976

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelINonCompStrgth-Flx - Approach, Span 12-1									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
HS20_str_inv	BOBJ1	209.1433	Before	Interior Girder 5	17.0833	0.95	1	1	2.829637
HS20_str_inv	BOBJ1	209.1433	Before	Interior Girder 6	17.0833	0.95	1	1	3.045127
HS20_str_inv	BOBJ1	209.1433	Before	Right Exterior Girder	17.0833	0.95	1	1	4.326754
HS20_str_inv	BOBJ1	209.1433	After	Left Exterior Girder	17.0833	0.95	1	1	4.300635
HS20_str_inv	BOBJ1	209.1433	After	Interior Girder 1	17.0833	0.95	1	1	3.064133
HS20_str_inv	BOBJ1	209.1433	After	Interior Girder 2	17.0833	0.95	1	1	2.868247
HS20_str_inv	BOBJ1	209.1433	After	Interior Girder 3	17.0833	0.95	1	1	2.820624
HS20_str_inv	BOBJ1	209.1433	After	Interior Girder 4	17.0833	0.95	1	1	2.820624
HS20_str_inv	BOBJ1	209.1433	After	Interior Girder 5	17.0833	0.95	1	1	2.868247
HS20_str_inv	BOBJ1	209.1433	After	Interior Girder 6	17.0833	0.95	1	1	3.064133
HS20_str_inv	BOBJ1	209.1433	After	Right Exterior Girder	17.0833	0.95	1	1	4.300635
HS20_str_inv	BOBJ1	214.76	Before	Left Exterior Girder	22.7	0.95	1	1	2.960177
HS20_str_inv	BOBJ1	214.76	Before	Interior Girder 1	22.7	0.95	1	1	2.395897
HS20_str_inv	BOBJ1	214.76	Before	Interior Girder 2	22.7	0.95	1	1	2.242556
HS20_str_inv	BOBJ1	214.76	Before	Interior Girder 3	22.7	0.95	1	1	2.189945
HS20_str_inv	BOBJ1	214.76	Before	Interior Girder 4	22.7	0.95	1	1	2.189945
HS20_str_inv	BOBJ1	214.76	Before	Interior Girder 5	22.7	0.95	1	1	2.242556
HS20_str_inv	BOBJ1	214.76	Before	Interior Girder 6	22.7	0.95	1	1	2.395897
HS20_str_inv	BOBJ1	214.76	Before	Right Exterior Girder	22.7	0.95	1	1	2.960177
HS20_str_inv	BOBJ1	214.76	After	Left Exterior Girder	22.7	0.95	1	1	2.981113
HS20_str_inv	BOBJ1	214.76	After	Interior Girder 1	22.7	0.95	1	1	2.388083
HS20_str_inv	BOBJ1	214.76	After	Interior Girder 2	22.7	0.95	1	1	2.250051
HS20_str_inv	BOBJ1	214.76	After	Interior Girder 3	22.7	0.95	1	1	2.207951
HS20_str_inv	BOBJ1	214.76	After	Interior Girder 4	22.7	0.95	1	1	2.207951
HS20_str_inv	BOBJ1	214.76	After	Interior Girder 5	22.7	0.95	1	1	2.250051
HS20_str_inv	BOBJ1	214.76	After	Interior Girder 6	22.7	0.95	1	1	2.388083
HS20_str_inv	BOBJ1	214.76	After	Right Exterior Girder	22.7	0.95	1	1	2.981113
HS20_str_inv	BOBJ1	220.3767	Before	Left Exterior Girder	28.3167	0.95	1	1	2.62635
HS20_str_inv	BOBJ1	220.3767	Before	Interior Girder 1	28.3167	0.95	1	1	2.019459
HS20_str_inv	BOBJ1	220.3767	Before	Interior Girder 2	28.3167	0.95	1	1	1.913512
HS20_str_inv	BOBJ1	220.3767	Before	Interior Girder 3	28.3167	0.95	1	1	1.84949
HS20_str_inv	BOBJ1	220.3767	Before	Interior Girder 4	28.3167	0.95	1	1	1.84949
HS20_str_inv	BOBJ1	220.3767	Before	Interior Girder 5	28.3167	0.95	1	1	1.913512
HS20_str_inv	BOBJ1	220.3767	Before	Interior Girder 6	28.3167	0.95	1	1	2.019459
HS20_str_inv	BOBJ1	220.3767	Before	Right Exterior Girder	28.3167	0.95	1	1	2.62635
HS20_str_inv	BOBJ1	220.3767	After	Left Exterior Girder	28.3167	0.95	1	1	2.643448
HS20_str_inv	BOBJ1	220.3767	After	Interior Girder 1	28.3167	0.95	1	1	2.014981
HS20_str_inv	BOBJ1	220.3767	After	Interior Girder 2	28.3167	0.95	1	1	1.913727
HS20_str_inv	BOBJ1	220.3767	After	Interior Girder 3	28.3167	0.95	1	1	1.859487
HS20_str_inv	BOBJ1	220.3767	After	Interior Girder 4	28.3167	0.95	1	1	1.859487
HS20_str_inv	BOBJ1	220.3767	After	Interior Girder 5	28.3167	0.95	1	1	1.913727
HS20_str_inv	BOBJ1	220.3767	After	Interior Girder 6	28.3167	0.95	1	1	2.014981
HS20_str_inv	BOBJ1	220.3767	After	Right Exterior Girder	28.3167	0.95	1	1	2.643448
HS20_str_inv	BOBJ1	225.9933	Before	Left Exterior Girder	33.9333	0.95	1	1	2.523048
HS20_str_inv	BOBJ1	225.9933	Before	Interior Girder 1	33.9333	0.95	1	1	1.930704
HS20_str_inv	BOBJ1	225.9933	Before	Interior Girder 2	33.9333	0.95	1	1	1.842488
HS20_str_inv	BOBJ1	225.9933	Before	Interior Girder 3	33.9333	0.95	1	1	1.786373
HS20_str_inv	BOBJ1	225.9933	Before	Interior Girder 4	33.9333	0.95	1	1	1.786373
HS20_str_inv	BOBJ1	225.9933	Before	Interior Girder 5	33.9333	0.95	1	1	1.842488
HS20_str_inv	BOBJ1	225.9933	Before	Interior Girder 6	33.9333	0.95	1	1	1.930704
HS20_str_inv	BOBJ1	225.9933	Before	Right Exterior Girder	33.9333	0.95	1	1	2.523048
HS20_str_inv	BOBJ1	225.9933	After	Left Exterior Girder	33.9333	0.95	1	1	2.505956
HS20_str_inv	BOBJ1	225.9933	After	Interior Girder 1	33.9333	0.95	1	1	1.936148
HS20_str_inv	BOBJ1	225.9933	After	Interior Girder 2	33.9333	0.95	1	1	1.839713
HS20_str_inv	BOBJ1	225.9933	After	Interior Girder 3	33.9333	0.95	1	1	1.777366
HS20_str_inv	BOBJ1	225.9933	After	Interior Girder 4	33.9333	0.95	1	1	1.777366
HS20_str_inv	BOBJ1	225.9933	After	Interior Girder 5	33.9333	0.95	1	1	1.839713
HS20_str_inv	BOBJ1	225.9933	After	Interior Girder 6	33.9333	0.95	1	1	1.936148
HS20_str_inv	BOBJ1	225.9933	After	Right Exterior Girder	33.9333	0.95	1	1	2.505956
HS20_str_inv	BOBJ1	231.61	Before	Left Exterior Girder	39.55	0.95	1	1	2.662806
HS20_str_inv	BOBJ1	231.61	Before	Interior Girder 1	39.55	0.95	1	1	2.153011
HS20_str_inv	BOBJ1	231.61	Before	Interior Girder 2	39.55	0.95	1	1	2.037877
HS20_str_inv	BOBJ1	231.61	Before	Interior Girder 3	39.55	0.95	1	1	1.977847
HS20_str_inv	BOBJ1	231.61	Before	Interior Girder 4	39.55	0.95	1	1	1.977847
HS20_str_inv	BOBJ1	231.61	Before	Interior Girder 5	39.55	0.95	1	1	2.037877

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelINonCompStrgth-Flx - Approach, Span 12-1									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
HS20_str_inv	BOBJ1	231.61	Before	Interior Girder 6	39.55	0.95	1	1	2.153011
HS20_str_inv	BOBJ1	231.61	Before	Right Exterior Girder	39.55	0.95	1	1	2.662806
HS20_str_inv	BOBJ1	231.61	After	Left Exterior Girder	39.55	0.95	1	1	2.655558
HS20_str_inv	BOBJ1	231.61	After	Interior Girder 1	39.55	0.95	1	1	2.153643
HS20_str_inv	BOBJ1	231.61	After	Interior Girder 2	39.55	0.95	1	1	2.021023
HS20_str_inv	BOBJ1	231.61	After	Interior Girder 3	39.55	0.95	1	1	1.94933
HS20_str_inv	BOBJ1	231.61	After	Interior Girder 4	39.55	0.95	1	1	1.94933
HS20_str_inv	BOBJ1	231.61	After	Interior Girder 5	39.55	0.95	1	1	2.021023
HS20_str_inv	BOBJ1	231.61	After	Interior Girder 6	39.55	0.95	1	1	2.153643
HS20_str_inv	BOBJ1	231.61	After	Right Exterior Girder	39.55	0.95	1	1	2.655558
HS20_str_inv	BOBJ1	237.37	Before	Left Exterior Girder	45.31	0.95	1	1	3.583374
HS20_str_inv	BOBJ1	237.37	Before	Interior Girder 1	45.31	0.95	1	1	2.551831
HS20_str_inv	BOBJ1	237.37	Before	Interior Girder 2	45.31	0.95	1	1	2.420012
HS20_str_inv	BOBJ1	237.37	Before	Interior Girder 3	45.31	0.95	1	1	2.313141
HS20_str_inv	BOBJ1	237.37	Before	Interior Girder 4	45.31	0.95	1	1	2.313141
HS20_str_inv	BOBJ1	237.37	Before	Interior Girder 5	45.31	0.95	1	1	2.420012
HS20_str_inv	BOBJ1	237.37	Before	Interior Girder 6	45.31	0.95	1	1	2.551831
HS20_str_inv	BOBJ1	237.37	Before	Right Exterior Girder	45.31	0.95	1	1	3.583374
HS20_str_inv	BOBJ1	237.37	After	Left Exterior Girder	45.31	0.95	1	1	3.601607
HS20_str_inv	BOBJ1	237.37	After	Interior Girder 1	45.31	0.95	1	1	2.538894
HS20_str_inv	BOBJ1	237.37	After	Interior Girder 2	45.31	0.95	1	1	2.371063
HS20_str_inv	BOBJ1	237.37	After	Interior Girder 3	45.31	0.95	1	1	2.231867
HS20_str_inv	BOBJ1	237.37	After	Interior Girder 4	45.31	0.95	1	1	2.231867
HS20_str_inv	BOBJ1	237.37	After	Interior Girder 5	45.31	0.95	1	1	2.371063
HS20_str_inv	BOBJ1	237.37	After	Interior Girder 6	45.31	0.95	1	1	2.538894
HS20_str_inv	BOBJ1	237.37	After	Right Exterior Girder	45.31	0.95	1	1	3.601607
HS20_str_inv	BOBJ1	243.13	Before	Left Exterior Girder	51.07	0.95	1	1	6.924074
HS20_str_inv	BOBJ1	243.13	Before	Interior Girder 1	51.07	0.95	1	1	4.235096
HS20_str_inv	BOBJ1	243.13	Before	Interior Girder 2	51.07	0.95	1	1	4.019027
HS20_str_inv	BOBJ1	243.13	Before	Interior Girder 3	51.07	0.95	1	1	3.582472
HS20_str_inv	BOBJ1	243.13	Before	Interior Girder 4	51.07	0.95	1	1	3.582472
HS20_str_inv	BOBJ1	243.13	Before	Interior Girder 5	51.07	0.95	1	1	4.019027
HS20_str_inv	BOBJ1	243.13	Before	Interior Girder 6	51.07	0.95	1	1	4.235096
HS20_str_inv	BOBJ1	243.13	Before	Right Exterior Girder	51.07	0.95	1	1	6.924074
HS20_str_inv	BOBJ1	243.13	After	Left Exterior Girder	51.07	0.95	1	1	6.866813
HS20_str_inv	BOBJ1	243.13	After	Interior Girder 1	51.07	0.95	1	1	4.192333
HS20_str_inv	BOBJ1	243.13	After	Interior Girder 2	51.07	0.95	1	1	3.926415
HS20_str_inv	BOBJ1	243.13	After	Interior Girder 3	51.07	0.95	1	1	3.402961
HS20_str_inv	BOBJ1	243.13	After	Interior Girder 4	51.07	0.95	1	1	3.402961
HS20_str_inv	BOBJ1	243.13	After	Interior Girder 5	51.07	0.95	1	1	3.926415
HS20_str_inv	BOBJ1	243.13	After	Interior Girder 6	51.07	0.95	1	1	4.192333
HS20_str_inv	BOBJ1	243.13	After	Right Exterior Girder	51.07	0.95	1	1	6.866813
HS20_str_inv	BOBJ1	248.89	Before	Left Exterior Girder	56.83	0.95	1	1	359.34538
HS20_str_inv	BOBJ1	248.89	Before	Interior Girder 1	56.83	0.95	1	1	329.686615
HS20_str_inv	BOBJ1	248.89	Before	Interior Girder 2	56.83	0.95	1	1	201.344879
HS20_str_inv	BOBJ1	248.89	Before	Interior Girder 3	56.83	0.95	1	1	156.568996
HS20_str_inv	BOBJ1	248.89	Before	Interior Girder 4	56.83	0.95	1	1	156.568997
HS20_str_inv	BOBJ1	248.89	Before	Interior Girder 5	56.83	0.95	1	1	201.344879
HS20_str_inv	BOBJ1	248.89	Before	Interior Girder 6	56.83	0.95	1	1	329.686614
HS20_str_inv	BOBJ1	248.89	Before	Right Exterior Girder	56.83	0.95	1	1	359.34538
HS15_str_opr	BOBJ1	0	After	Left Exterior Girder	0	0.95	1	1	361.31747
HS15_str_opr	BOBJ1	0	After	Interior Girder 1	0	0.95	1	1	345.680756
HS15_str_opr	BOBJ1	0	After	Interior Girder 2	0	0.95	1	1	246.961014
HS15_str_opr	BOBJ1	0	After	Interior Girder 3	0	0.95	1	1	198.403554
HS15_str_opr	BOBJ1	0	After	Interior Girder 4	0	0.95	1	1	198.403554
HS15_str_opr	BOBJ1	0	After	Interior Girder 5	0	0.95	1	1	246.961013
HS15_str_opr	BOBJ1	0	After	Interior Girder 6	0	0.95	1	1	345.680756
HS15_str_opr	BOBJ1	0	After	Right Exterior Girder	0	0.95	1	1	361.31747
HS15_str_opr	BOBJ1	5.85	Before	Left Exterior Girder	5.85	0.95	1	1	8.447559
HS15_str_opr	BOBJ1	5.85	Before	Interior Girder 1	5.85	0.95	1	1	5.991814
HS15_str_opr	BOBJ1	5.85	Before	Interior Girder 2	5.85	0.95	1	1	5.546063
HS15_str_opr	BOBJ1	5.85	Before	Interior Girder 3	5.85	0.95	1	1	4.89388
HS15_str_opr	BOBJ1	5.85	Before	Interior Girder 4	5.85	0.95	1	1	4.89388
HS15_str_opr	BOBJ1	5.85	Before	Interior Girder 5	5.85	0.95	1	1	5.546063
HS15_str_opr	BOBJ1	5.85	Before	Interior Girder 6	5.85	0.95	1	1	5.991814

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelINonCompStrgth-Flx - Approach, Span 12-1									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
HS15_str_opr	BOBJ1	5.85	Before	Right Exterior Girder	5.85	0.95	1	1	8.447559
HS15_str_opr	BOBJ1	5.85	After	Left Exterior Girder	5.85	0.95	1	1	8.53517
HS15_str_opr	BOBJ1	5.85	After	Interior Girder 1	5.85	0.95	1	1	5.996612
HS15_str_opr	BOBJ1	5.85	After	Interior Girder 2	5.85	0.95	1	1	5.634676
HS15_str_opr	BOBJ1	5.85	After	Interior Girder 3	5.85	0.95	1	1	5.120053
HS15_str_opr	BOBJ1	5.85	After	Interior Girder 4	5.85	0.95	1	1	5.120053
HS15_str_opr	BOBJ1	5.85	After	Interior Girder 5	5.85	0.95	1	1	5.634676
HS15_str_opr	BOBJ1	5.85	After	Interior Girder 6	5.85	0.95	1	1	5.996612
HS15_str_opr	BOBJ1	5.85	After	Right Exterior Girder	5.85	0.95	1	1	8.53517
HS15_str_opr	BOBJ1	11.4667	Before	Left Exterior Girder	11.4667	0.95	1	1	4.713384
HS15_str_opr	BOBJ1	11.4667	Before	Interior Girder 1	11.4667	0.95	1	1	3.410507
HS15_str_opr	BOBJ1	11.4667	Before	Interior Girder 2	11.4667	0.95	1	1	3.208273
HS15_str_opr	BOBJ1	11.4667	Before	Interior Girder 3	11.4667	0.95	1	1	3.002612
HS15_str_opr	BOBJ1	11.4667	Before	Interior Girder 4	11.4667	0.95	1	1	3.002612
HS15_str_opr	BOBJ1	11.4667	Before	Interior Girder 5	11.4667	0.95	1	1	3.208273
HS15_str_opr	BOBJ1	11.4667	Before	Interior Girder 6	11.4667	0.95	1	1	3.410507
HS15_str_opr	BOBJ1	11.4667	Before	Right Exterior Girder	11.4667	0.95	1	1	4.713384
HS15_str_opr	BOBJ1	11.4667	After	Left Exterior Girder	11.4667	0.95	1	1	4.776501
HS15_str_opr	BOBJ1	11.4667	After	Interior Girder 1	11.4667	0.95	1	1	3.387321
HS15_str_opr	BOBJ1	11.4667	After	Interior Girder 2	11.4667	0.95	1	1	3.242851
HS15_str_opr	BOBJ1	11.4667	After	Interior Girder 3	11.4667	0.95	1	1	3.083557
HS15_str_opr	BOBJ1	11.4667	After	Interior Girder 4	11.4667	0.95	1	1	3.083557
HS15_str_opr	BOBJ1	11.4667	After	Interior Girder 5	11.4667	0.95	1	1	3.242851
HS15_str_opr	BOBJ1	11.4667	After	Interior Girder 6	11.4667	0.95	1	1	3.387321
HS15_str_opr	BOBJ1	11.4667	After	Right Exterior Girder	11.4667	0.95	1	1	4.776501
HS15_str_opr	BOBJ1	17.0833	Before	Left Exterior Girder	17.0833	0.95	1	1	3.603243
HS15_str_opr	BOBJ1	17.0833	Before	Interior Girder 1	17.0833	0.95	1	1	2.772437
HS15_str_opr	BOBJ1	17.0833	Before	Interior Girder 2	17.0833	0.95	1	1	2.639725
HS15_str_opr	BOBJ1	17.0833	Before	Interior Girder 3	17.0833	0.95	1	1	2.539431
HS15_str_opr	BOBJ1	17.0833	Before	Interior Girder 4	17.0833	0.95	1	1	2.539431
HS15_str_opr	BOBJ1	17.0833	Before	Interior Girder 5	17.0833	0.95	1	1	2.639725
HS15_str_opr	BOBJ1	17.0833	Before	Interior Girder 6	17.0833	0.95	1	1	2.772437
HS15_str_opr	BOBJ1	17.0833	Before	Right Exterior Girder	17.0833	0.95	1	1	3.603243
HS15_str_opr	BOBJ1	17.0833	After	Left Exterior Girder	17.0833	0.95	1	1	3.599544
HS15_str_opr	BOBJ1	17.0833	After	Interior Girder 1	17.0833	0.95	1	1	2.779921
HS15_str_opr	BOBJ1	17.0833	After	Interior Girder 2	17.0833	0.95	1	1	2.671251
HS15_str_opr	BOBJ1	17.0833	After	Interior Girder 3	17.0833	0.95	1	1	2.5827
HS15_str_opr	BOBJ1	17.0833	After	Interior Girder 4	17.0833	0.95	1	1	2.5827
HS15_str_opr	BOBJ1	17.0833	After	Interior Girder 5	17.0833	0.95	1	1	2.671251
HS15_str_opr	BOBJ1	17.0833	After	Interior Girder 6	17.0833	0.95	1	1	2.779921
HS15_str_opr	BOBJ1	17.0833	After	Right Exterior Girder	17.0833	0.95	1	1	3.599544
HS15_str_opr	BOBJ1	22.7	Before	Left Exterior Girder	22.7	0.95	1	1	3.180706
HS15_str_opr	BOBJ1	22.7	Before	Interior Girder 1	22.7	0.95	1	1	2.678708
HS15_str_opr	BOBJ1	22.7	Before	Interior Girder 2	22.7	0.95	1	1	2.564792
HS15_str_opr	BOBJ1	22.7	Before	Interior Girder 3	22.7	0.95	1	1	2.502814
HS15_str_opr	BOBJ1	22.7	Before	Interior Girder 4	22.7	0.95	1	1	2.502814
HS15_str_opr	BOBJ1	22.7	Before	Interior Girder 5	22.7	0.95	1	1	2.564792
HS15_str_opr	BOBJ1	22.7	Before	Interior Girder 6	22.7	0.95	1	1	2.678708
HS15_str_opr	BOBJ1	22.7	Before	Right Exterior Girder	22.7	0.95	1	1	3.180706
HS15_str_opr	BOBJ1	22.7	After	Left Exterior Girder	22.7	0.95	1	1	3.190208
HS15_str_opr	BOBJ1	22.7	After	Interior Girder 1	22.7	0.95	1	1	2.675349
HS15_str_opr	BOBJ1	22.7	After	Interior Girder 2	22.7	0.95	1	1	2.568734
HS15_str_opr	BOBJ1	22.7	After	Interior Girder 3	22.7	0.95	1	1	2.513154
HS15_str_opr	BOBJ1	22.7	After	Interior Girder 4	22.7	0.95	1	1	2.513154
HS15_str_opr	BOBJ1	22.7	After	Interior Girder 5	22.7	0.95	1	1	2.568734
HS15_str_opr	BOBJ1	22.7	After	Interior Girder 6	22.7	0.95	1	1	2.675349
HS15_str_opr	BOBJ1	22.7	After	Right Exterior Girder	22.7	0.95	1	1	3.190208
HS15_str_opr	BOBJ1	28.3167	Before	Left Exterior Girder	28.3167	0.95	1	1	3.499972
HS15_str_opr	BOBJ1	28.3167	Before	Interior Girder 1	28.3167	0.95	1	1	2.73432
HS15_str_opr	BOBJ1	28.3167	Before	Interior Girder 2	28.3167	0.95	1	1	2.617435
HS15_str_opr	BOBJ1	28.3167	Before	Interior Girder 3	28.3167	0.95	1	1	2.549533
HS15_str_opr	BOBJ1	28.3167	Before	Interior Girder 4	28.3167	0.95	1	1	2.549533
HS15_str_opr	BOBJ1	28.3167	Before	Interior Girder 5	28.3167	0.95	1	1	2.617435
HS15_str_opr	BOBJ1	28.3167	Before	Interior Girder 6	28.3167	0.95	1	1	2.73432
HS15_str_opr	BOBJ1	28.3167	Before	Right Exterior Girder	28.3167	0.95	1	1	3.499972

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelINonCompStrgth-Flx - Approach, Span 12-1									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
HS15_str_opr	BOBJ1	28.3167	After	Left Exterior Girder	28.3167	0.95	1	1	3.512349
HS15_str_opr	BOBJ1	28.3167	After	Interior Girder 1	28.3167	0.95	1	1	2.718896
HS15_str_opr	BOBJ1	28.3167	After	Interior Girder 2	28.3167	0.95	1	1	2.597665
HS15_str_opr	BOBJ1	28.3167	After	Interior Girder 3	28.3167	0.95	1	1	2.517543
HS15_str_opr	BOBJ1	28.3167	After	Interior Girder 4	28.3167	0.95	1	1	2.517543
HS15_str_opr	BOBJ1	28.3167	After	Interior Girder 5	28.3167	0.95	1	1	2.597665
HS15_str_opr	BOBJ1	28.3167	After	Interior Girder 6	28.3167	0.95	1	1	2.718896
HS15_str_opr	BOBJ1	28.3167	After	Right Exterior Girder	28.3167	0.95	1	1	3.512349
HS15_str_opr	BOBJ1	33.9333	Before	Left Exterior Girder	33.9333	0.95	1	1	4.276663
HS15_str_opr	BOBJ1	33.9333	Before	Interior Girder 1	33.9333	0.95	1	1	3.16706
HS15_str_opr	BOBJ1	33.9333	Before	Interior Girder 2	33.9333	0.95	1	1	3.020522
HS15_str_opr	BOBJ1	33.9333	Before	Interior Girder 3	33.9333	0.95	1	1	2.953345
HS15_str_opr	BOBJ1	33.9333	Before	Interior Girder 4	33.9333	0.95	1	1	2.953345
HS15_str_opr	BOBJ1	33.9333	Before	Interior Girder 5	33.9333	0.95	1	1	3.020522
HS15_str_opr	BOBJ1	33.9333	Before	Interior Girder 6	33.9333	0.95	1	1	3.16706
HS15_str_opr	BOBJ1	33.9333	Before	Right Exterior Girder	33.9333	0.95	1	1	4.276663
HS15_str_opr	BOBJ1	33.9333	After	Left Exterior Girder	33.9333	0.95	1	1	4.219466
HS15_str_opr	BOBJ1	33.9333	After	Interior Girder 1	33.9333	0.95	1	1	3.188176
HS15_str_opr	BOBJ1	33.9333	After	Interior Girder 2	33.9333	0.95	1	1	3.018359
HS15_str_opr	BOBJ1	33.9333	After	Interior Girder 3	33.9333	0.95	1	1	2.921893
HS15_str_opr	BOBJ1	33.9333	After	Interior Girder 4	33.9333	0.95	1	1	2.921893
HS15_str_opr	BOBJ1	33.9333	After	Interior Girder 5	33.9333	0.95	1	1	3.018359
HS15_str_opr	BOBJ1	33.9333	After	Interior Girder 6	33.9333	0.95	1	1	3.188176
HS15_str_opr	BOBJ1	33.9333	After	Right Exterior Girder	33.9333	0.95	1	1	4.219466
HS15_str_opr	BOBJ1	39.55	Before	Left Exterior Girder	39.55	0.95	1	1	5.929934
HS15_str_opr	BOBJ1	39.55	Before	Interior Girder 1	39.55	0.95	1	1	4.559545
HS15_str_opr	BOBJ1	39.55	Before	Interior Girder 2	39.55	0.95	1	1	4.229483
HS15_str_opr	BOBJ1	39.55	Before	Interior Girder 3	39.55	0.95	1	1	4.154307
HS15_str_opr	BOBJ1	39.55	Before	Interior Girder 4	39.55	0.95	1	1	4.154307
HS15_str_opr	BOBJ1	39.55	Before	Interior Girder 5	39.55	0.95	1	1	4.229483
HS15_str_opr	BOBJ1	39.55	Before	Interior Girder 6	39.55	0.95	1	1	4.559545
HS15_str_opr	BOBJ1	39.55	Before	Right Exterior Girder	39.55	0.95	1	1	5.929934
HS15_str_opr	BOBJ1	39.55	After	Left Exterior Girder	39.55	0.95	1	1	5.895003
HS15_str_opr	BOBJ1	39.55	After	Interior Girder 1	39.55	0.95	1	1	4.567169
HS15_str_opr	BOBJ1	39.55	After	Interior Girder 2	39.55	0.95	1	1	4.202598
HS15_str_opr	BOBJ1	39.55	After	Interior Girder 3	39.55	0.95	1	1	4.079584
HS15_str_opr	BOBJ1	39.55	After	Interior Girder 4	39.55	0.95	1	1	4.079584
HS15_str_opr	BOBJ1	39.55	After	Interior Girder 5	39.55	0.95	1	1	4.202598
HS15_str_opr	BOBJ1	39.55	After	Interior Girder 6	39.55	0.95	1	1	4.567169
HS15_str_opr	BOBJ1	39.55	After	Right Exterior Girder	39.55	0.95	1	1	5.895003
HS15_str_opr	BOBJ1	45.1733	Before	Left Exterior Girder	45.1226	0.95	1	1	5.765087
HS15_str_opr	BOBJ1	45.1733	Before	Interior Girder 1	45.1226	0.95	1	1	5.971252
HS15_str_opr	BOBJ1	45.1733	Before	Interior Girder 2	45.1226	0.95	1	1	5.740246
HS15_str_opr	BOBJ1	45.1733	Before	Interior Girder 3	45.1226	0.95	1	1	5.824165
HS15_str_opr	BOBJ1	45.1733	Before	Interior Girder 4	45.1226	0.95	1	1	5.824165
HS15_str_opr	BOBJ1	45.1733	Before	Interior Girder 5	45.1226	0.95	1	1	5.740246
HS15_str_opr	BOBJ1	45.1733	Before	Interior Girder 6	45.1226	0.95	1	1	5.971252
HS15_str_opr	BOBJ1	45.1733	Before	Right Exterior Girder	45.1226	0.95	1	1	5.765087
HS15_str_opr	BOBJ1	45.1733	After	Left Exterior Girder	45.1226	0.95	1	1	4.611805
HS15_str_opr	BOBJ1	45.1733	After	Interior Girder 1	45.1226	0.95	1	1	4.765601
HS15_str_opr	BOBJ1	45.1733	After	Interior Girder 2	45.1226	0.95	1	1	4.560145
HS15_str_opr	BOBJ1	45.1733	After	Interior Girder 3	45.1226	0.95	1	1	4.653923
HS15_str_opr	BOBJ1	45.1733	After	Interior Girder 4	45.1226	0.95	1	1	4.653923
HS15_str_opr	BOBJ1	45.1733	After	Interior Girder 5	45.1226	0.95	1	1	4.560145
HS15_str_opr	BOBJ1	45.1733	After	Interior Girder 6	45.1226	0.95	1	1	4.765601
HS15_str_opr	BOBJ1	45.1733	After	Right Exterior Girder	45.1226	0.95	1	1	4.611805
HS15_str_opr	BOBJ1	49.2561	Before	Left Exterior Girder	49.2561	0.95	1	1	3.259471
HS15_str_opr	BOBJ1	49.2561	Before	Right Exterior Girder	49.2561	0.95	1	1	3.259471
HS15_str_opr	BOBJ1	49.2561	After	Left Exterior Girder	49.2561	0.95	1	1	3.312663
HS15_str_opr	BOBJ1	49.2561	After	Right Exterior Girder	49.2561	0.95	1	1	3.312663
HS15_str_opr	BOBJ1	50.7967	Before	Left Exterior Girder	50.7967	0.95	1	1	6.939238
HS15_str_opr	BOBJ1	50.7967	Before	Interior Girder 1	50.7967	0.95	1	1	3.361618
HS15_str_opr	BOBJ1	50.7967	Before	Interior Girder 2	50.7967	0.95	1	1	3.22168
HS15_str_opr	BOBJ1	50.7967	Before	Interior Girder 3	50.7967	0.95	1	1	3.057859
HS15_str_opr	BOBJ1	50.7967	Before	Interior Girder 4	50.7967	0.95	1	1	3.057859

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelINonCompStrgth-Flx - Approach, Span 12-1									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
HS15_str_opr	BOBJ1	50.7967	Before	Interior Girder 5	50.7967	0.95	1	1	3.22168
HS15_str_opr	BOBJ1	50.7967	Before	Interior Girder 6	50.7967	0.95	1	1	3.361618
HS15_str_opr	BOBJ1	50.7967	Before	Right Exterior Girder	50.7967	0.95	1	1	6.939238
HS15_str_opr	BOBJ1	50.7967	After	Left Exterior Girder	50.7967	0.95	1	1	6.89636
HS15_str_opr	BOBJ1	50.7967	After	Interior Girder 1	50.7967	0.95	1	1	3.352998
HS15_str_opr	BOBJ1	50.7967	After	Interior Girder 2	50.7967	0.95	1	1	3.196998
HS15_str_opr	BOBJ1	50.7967	After	Interior Girder 3	50.7967	0.95	1	1	3.048139
HS15_str_opr	BOBJ1	50.7967	After	Interior Girder 4	50.7967	0.95	1	1	3.048139
HS15_str_opr	BOBJ1	50.7967	After	Interior Girder 5	50.7967	0.95	1	1	3.196998
HS15_str_opr	BOBJ1	50.7967	After	Interior Girder 6	50.7967	0.95	1	1	3.352998
HS15_str_opr	BOBJ1	50.7967	After	Right Exterior Girder	50.7967	0.95	1	1	6.89636
HS15_str_opr	BOBJ1	51.3989	Before	Interior Girder 1	51.3989	0.95	1	1	3.190858
HS15_str_opr	BOBJ1	51.3989	Before	Interior Girder 2	51.3989	0.95	1	1	3.066902
HS15_str_opr	BOBJ1	51.3989	Before	Interior Girder 3	51.3989	0.95	1	1	2.893791
HS15_str_opr	BOBJ1	51.3989	Before	Interior Girder 4	51.3989	0.95	1	1	2.893791
HS15_str_opr	BOBJ1	51.3989	Before	Interior Girder 5	51.3989	0.95	1	1	3.066902
HS15_str_opr	BOBJ1	51.3989	Before	Interior Girder 6	51.3989	0.95	1	1	3.190858
HS15_str_opr	BOBJ1	51.3989	After	Interior Girder 1	51.3989	0.95	1	1	4.877297
HS15_str_opr	BOBJ1	51.3989	After	Interior Girder 2	51.3989	0.95	1	1	4.628199
HS15_str_opr	BOBJ1	51.3989	After	Interior Girder 3	51.3989	0.95	1	1	4.428004
HS15_str_opr	BOBJ1	51.3989	After	Interior Girder 4	51.3989	0.95	1	1	4.428004
HS15_str_opr	BOBJ1	51.3989	After	Interior Girder 5	51.3989	0.95	1	1	4.628199
HS15_str_opr	BOBJ1	51.3989	After	Interior Girder 6	51.3989	0.95	1	1	4.877297
HS15_str_opr	BOBJ1	56.42	Before	Left Exterior Girder	56.42	0.95	1	1	4.806436
HS15_str_opr	BOBJ1	56.42	Before	Interior Girder 1	56.42	0.95	1	1	3.408975
HS15_str_opr	BOBJ1	56.42	Before	Interior Girder 2	56.42	0.95	1	1	3.221888
HS15_str_opr	BOBJ1	56.42	Before	Interior Girder 3	56.42	0.95	1	1	2.70074
HS15_str_opr	BOBJ1	56.42	Before	Interior Girder 4	56.42	0.95	1	1	2.70074
HS15_str_opr	BOBJ1	56.42	Before	Interior Girder 5	56.42	0.95	1	1	3.221888
HS15_str_opr	BOBJ1	56.42	Before	Interior Girder 6	56.42	0.95	1	1	3.408975
HS15_str_opr	BOBJ1	56.42	Before	Right Exterior Girder	56.42	0.95	1	1	4.806436
HS15_str_opr	BOBJ1	56.42	After	Left Exterior Girder	0	0.95	1	1	4.926008
HS15_str_opr	BOBJ1	56.42	After	Interior Girder 1	0	0.95	1	1	3.151908
HS15_str_opr	BOBJ1	56.42	After	Interior Girder 2	0	0.95	1	1	3.022228
HS15_str_opr	BOBJ1	56.42	After	Interior Girder 3	0	0.95	1	1	2.546692
HS15_str_opr	BOBJ1	56.42	After	Interior Girder 4	0	0.95	1	1	2.546692
HS15_str_opr	BOBJ1	56.42	After	Interior Girder 5	0	0.95	1	1	3.022228
HS15_str_opr	BOBJ1	56.42	After	Interior Girder 6	0	0.95	1	1	3.151908
HS15_str_opr	BOBJ1	56.42	After	Right Exterior Girder	0	0.95	1	1	4.926008
HS15_str_opr	BOBJ1	62.0367	Before	Left Exterior Girder	5.6167	0.95	1	1	8.863906
HS15_str_opr	BOBJ1	62.0367	Before	Interior Girder 1	5.6167	0.95	1	1	6.158575
HS15_str_opr	BOBJ1	62.0367	Before	Interior Girder 2	5.6167	0.95	1	1	5.72665
HS15_str_opr	BOBJ1	62.0367	Before	Interior Girder 3	5.6167	0.95	1	1	5.354734
HS15_str_opr	BOBJ1	62.0367	Before	Interior Girder 4	5.6167	0.95	1	1	5.354734
HS15_str_opr	BOBJ1	62.0367	Before	Interior Girder 5	5.6167	0.95	1	1	5.72665
HS15_str_opr	BOBJ1	62.0367	Before	Interior Girder 6	5.6167	0.95	1	1	6.158575
HS15_str_opr	BOBJ1	62.0367	Before	Right Exterior Girder	5.6167	0.95	1	1	8.863906
HS15_str_opr	BOBJ1	62.0367	After	Left Exterior Girder	5.6167	0.95	1	1	8.763961
HS15_str_opr	BOBJ1	62.0367	After	Interior Girder 1	5.6167	0.95	1	1	6.27106
HS15_str_opr	BOBJ1	62.0367	After	Interior Girder 2	5.6167	0.95	1	1	5.828705
HS15_str_opr	BOBJ1	62.0367	After	Interior Girder 3	5.6167	0.95	1	1	5.454801
HS15_str_opr	BOBJ1	62.0367	After	Interior Girder 4	5.6167	0.95	1	1	5.454801
HS15_str_opr	BOBJ1	62.0367	After	Interior Girder 5	5.6167	0.95	1	1	5.828705
HS15_str_opr	BOBJ1	62.0367	After	Interior Girder 6	5.6167	0.95	1	1	6.27106
HS15_str_opr	BOBJ1	62.0367	After	Right Exterior Girder	5.6167	0.95	1	1	8.763961
HS15_str_opr	BOBJ1	62.4203	Before	Interior Girder 1	6.0003	0.95	1	1	6.412385
HS15_str_opr	BOBJ1	62.4203	Before	Interior Girder 2	6.0003	0.95	1	1	5.947216
HS15_str_opr	BOBJ1	62.4203	Before	Interior Girder 3	6.0003	0.95	1	1	5.598103
HS15_str_opr	BOBJ1	62.4203	Before	Interior Girder 4	6.0003	0.95	1	1	5.598103
HS15_str_opr	BOBJ1	62.4203	Before	Interior Girder 5	6.0003	0.95	1	1	5.947216
HS15_str_opr	BOBJ1	62.4203	Before	Interior Girder 6	6.0003	0.95	1	1	6.412385
HS15_str_opr	BOBJ1	62.4203	After	Interior Girder 1	6.0003	0.95	1	1	4.205619
HS15_str_opr	BOBJ1	62.4203	After	Interior Girder 2	6.0003	0.95	1	1	3.964709
HS15_str_opr	BOBJ1	62.4203	After	Interior Girder 3	6.0003	0.95	1	1	3.674393
HS15_str_opr	BOBJ1	62.4203	After	Interior Girder 4	6.0003	0.95	1	1	3.674393

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelINonCompStrgth-Flx - Approach, Span 12-1									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
HS15_str_opr	BOBJ1	62.4203	After	Interior Girder 5	6.0003	0.95	1	1	3.964709
HS15_str_opr	BOBJ1	62.4203	After	Interior Girder 6	6.0003	0.95	1	1	4.205619
HS15_str_opr	BOBJ1	64.9204	Before	Left Exterior Girder	8.5004	0.95	1	1	10.174193
HS15_str_opr	BOBJ1	64.9204	Before	Right Exterior Girder	8.5004	0.95	1	1	10.174193
HS15_str_opr	BOBJ1	64.9204	After	Left Exterior Girder	8.5004	0.95	1	1	4.596106
HS15_str_opr	BOBJ1	64.9204	After	Right Exterior Girder	8.5004	0.95	1	1	4.596106
HS15_str_opr	BOBJ1	67.6533	Before	Left Exterior Girder	11.2333	0.95	1	1	5.727945
HS15_str_opr	BOBJ1	67.6533	Before	Interior Girder 1	11.2333	0.95	1	1	5.816482
HS15_str_opr	BOBJ1	67.6533	Before	Interior Girder 2	11.2333	0.95	1	1	5.472731
HS15_str_opr	BOBJ1	67.6533	Before	Interior Girder 3	11.2333	0.95	1	1	5.464125
HS15_str_opr	BOBJ1	67.6533	Before	Interior Girder 4	11.2333	0.95	1	1	5.464125
HS15_str_opr	BOBJ1	67.6533	Before	Interior Girder 5	11.2333	0.95	1	1	5.472731
HS15_str_opr	BOBJ1	67.6533	Before	Interior Girder 6	11.2333	0.95	1	1	5.816482
HS15_str_opr	BOBJ1	67.6533	Before	Right Exterior Girder	11.2333	0.95	1	1	5.727945
HS15_str_opr	BOBJ1	67.6533	After	Left Exterior Girder	11.2333	0.95	1	1	5.667567
HS15_str_opr	BOBJ1	67.6533	After	Interior Girder 1	11.2333	0.95	1	1	5.871628
HS15_str_opr	BOBJ1	67.6533	After	Interior Girder 2	11.2333	0.95	1	1	5.554063
HS15_str_opr	BOBJ1	67.6533	After	Interior Girder 3	11.2333	0.95	1	1	5.518826
HS15_str_opr	BOBJ1	67.6533	After	Interior Girder 4	11.2333	0.95	1	1	5.518826
HS15_str_opr	BOBJ1	67.6533	After	Interior Girder 5	11.2333	0.95	1	1	5.554063
HS15_str_opr	BOBJ1	67.6533	After	Interior Girder 6	11.2333	0.95	1	1	5.871628
HS15_str_opr	BOBJ1	67.6533	After	Right Exterior Girder	11.2333	0.95	1	1	5.667567
HS15_str_opr	BOBJ1	73.27	Before	Left Exterior Girder	16.85	0.95	1	1	5.812893
HS15_str_opr	BOBJ1	73.27	Before	Interior Girder 1	16.85	0.95	1	1	4.487823
HS15_str_opr	BOBJ1	73.27	Before	Interior Girder 2	16.85	0.95	1	1	4.080567
HS15_str_opr	BOBJ1	73.27	Before	Interior Girder 3	16.85	0.95	1	1	3.92521
HS15_str_opr	BOBJ1	73.27	Before	Interior Girder 4	16.85	0.95	1	1	3.92521
HS15_str_opr	BOBJ1	73.27	Before	Interior Girder 5	16.85	0.95	1	1	4.080567
HS15_str_opr	BOBJ1	73.27	Before	Interior Girder 6	16.85	0.95	1	1	4.487823
HS15_str_opr	BOBJ1	73.27	Before	Right Exterior Girder	16.85	0.95	1	1	5.812893
HS15_str_opr	BOBJ1	73.27	After	Left Exterior Girder	16.85	0.95	1	1	5.914293
HS15_str_opr	BOBJ1	73.27	After	Interior Girder 1	16.85	0.95	1	1	4.444855
HS15_str_opr	BOBJ1	73.27	After	Interior Girder 2	16.85	0.95	1	1	4.083887
HS15_str_opr	BOBJ1	73.27	After	Interior Girder 3	16.85	0.95	1	1	3.975438
HS15_str_opr	BOBJ1	73.27	After	Interior Girder 4	16.85	0.95	1	1	3.975438
HS15_str_opr	BOBJ1	73.27	After	Interior Girder 5	16.85	0.95	1	1	4.083887
HS15_str_opr	BOBJ1	73.27	After	Interior Girder 6	16.85	0.95	1	1	4.444855
HS15_str_opr	BOBJ1	73.27	After	Right Exterior Girder	16.85	0.95	1	1	5.914293
HS15_str_opr	BOBJ1	78.8867	Before	Left Exterior Girder	22.4667	0.95	1	1	3.922666
HS15_str_opr	BOBJ1	78.8867	Before	Interior Girder 1	22.4667	0.95	1	1	3.000335
HS15_str_opr	BOBJ1	78.8867	Before	Interior Girder 2	22.4667	0.95	1	1	2.829732
HS15_str_opr	BOBJ1	78.8867	Before	Interior Girder 3	22.4667	0.95	1	1	2.721014
HS15_str_opr	BOBJ1	78.8867	Before	Interior Girder 4	22.4667	0.95	1	1	2.721014
HS15_str_opr	BOBJ1	78.8867	Before	Interior Girder 5	22.4667	0.95	1	1	2.829732
HS15_str_opr	BOBJ1	78.8867	Before	Interior Girder 6	22.4667	0.95	1	1	3.000335
HS15_str_opr	BOBJ1	78.8867	Before	Right Exterior Girder	22.4667	0.95	1	1	3.922666
HS15_str_opr	BOBJ1	78.8867	After	Left Exterior Girder	22.4667	0.95	1	1	3.992958
HS15_str_opr	BOBJ1	78.8867	After	Interior Girder 1	22.4667	0.95	1	1	2.972935
HS15_str_opr	BOBJ1	78.8867	After	Interior Girder 2	22.4667	0.95	1	1	2.824733
HS15_str_opr	BOBJ1	78.8867	After	Interior Girder 3	22.4667	0.95	1	1	2.74834
HS15_str_opr	BOBJ1	78.8867	After	Interior Girder 4	22.4667	0.95	1	1	2.74834
HS15_str_opr	BOBJ1	78.8867	After	Interior Girder 5	22.4667	0.95	1	1	2.824733
HS15_str_opr	BOBJ1	78.8867	After	Interior Girder 6	22.4667	0.95	1	1	2.972935
HS15_str_opr	BOBJ1	78.8867	After	Right Exterior Girder	22.4667	0.95	1	1	3.992958
HS15_str_opr	BOBJ1	84.5033	Before	Left Exterior Girder	28.0833	0.95	1	1	3.098832
HS15_str_opr	BOBJ1	84.5033	Before	Interior Girder 1	28.0833	0.95	1	1	2.490498
HS15_str_opr	BOBJ1	84.5033	Before	Interior Girder 2	28.0833	0.95	1	1	2.379295
HS15_str_opr	BOBJ1	84.5033	Before	Interior Girder 3	28.0833	0.95	1	1	2.310203
HS15_str_opr	BOBJ1	84.5033	Before	Interior Girder 4	28.0833	0.95	1	1	2.310203
HS15_str_opr	BOBJ1	84.5033	Before	Interior Girder 5	28.0833	0.95	1	1	2.379295
HS15_str_opr	BOBJ1	84.5033	Before	Interior Girder 6	28.0833	0.95	1	1	2.490498
HS15_str_opr	BOBJ1	84.5033	Before	Right Exterior Girder	28.0833	0.95	1	1	3.098832
HS15_str_opr	BOBJ1	84.5033	After	Left Exterior Girder	28.0833	0.95	1	1	3.100244
HS15_str_opr	BOBJ1	84.5033	After	Interior Girder 1	28.0833	0.95	1	1	2.499452
HS15_str_opr	BOBJ1	84.5033	After	Interior Girder 2	28.0833	0.95	1	1	2.394516

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelINonCompStrgth-Flx - Approach, Span 12-1									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
HS15_str_opr	BOBJ1	84.5033	After	Interior Girder 3	28.0833	0.95	1	1	2.337483
HS15_str_opr	BOBJ1	84.5033	After	Interior Girder 4	28.0833	0.95	1	1	2.337483
HS15_str_opr	BOBJ1	84.5033	After	Interior Girder 5	28.0833	0.95	1	1	2.394516
HS15_str_opr	BOBJ1	84.5033	After	Interior Girder 6	28.0833	0.95	1	1	2.499452
HS15_str_opr	BOBJ1	84.5033	After	Right Exterior Girder	28.0833	0.95	1	1	3.100244
HS15_str_opr	BOBJ1	90.12	Before	Left Exterior Girder	33.7	0.95	1	1	2.78196
HS15_str_opr	BOBJ1	90.12	Before	Interior Girder 1	33.7	0.95	1	1	2.465861
HS15_str_opr	BOBJ1	90.12	Before	Interior Girder 2	33.7	0.95	1	1	2.360254
HS15_str_opr	BOBJ1	90.12	Before	Interior Girder 3	33.7	0.95	1	1	2.304693
HS15_str_opr	BOBJ1	90.12	Before	Interior Girder 4	33.7	0.95	1	1	2.304693
HS15_str_opr	BOBJ1	90.12	Before	Interior Girder 5	33.7	0.95	1	1	2.360254
HS15_str_opr	BOBJ1	90.12	Before	Interior Girder 6	33.7	0.95	1	1	2.465861
HS15_str_opr	BOBJ1	90.12	Before	Right Exterior Girder	33.7	0.95	1	1	2.78196
HS15_str_opr	BOBJ1	90.12	After	Left Exterior Girder	33.7	0.95	1	1	2.788943
HS15_str_opr	BOBJ1	90.12	After	Interior Girder 1	33.7	0.95	1	1	2.459957
HS15_str_opr	BOBJ1	90.12	After	Interior Girder 2	33.7	0.95	1	1	2.357027
HS15_str_opr	BOBJ1	90.12	After	Interior Girder 3	33.7	0.95	1	1	2.301375
HS15_str_opr	BOBJ1	90.12	After	Interior Girder 4	33.7	0.95	1	1	2.301375
HS15_str_opr	BOBJ1	90.12	After	Interior Girder 5	33.7	0.95	1	1	2.357027
HS15_str_opr	BOBJ1	90.12	After	Interior Girder 6	33.7	0.95	1	1	2.459957
HS15_str_opr	BOBJ1	90.12	After	Right Exterior Girder	33.7	0.95	1	1	2.788943
HS15_str_opr	BOBJ1	95.7367	Before	Left Exterior Girder	39.3167	0.95	1	1	3.074456
HS15_str_opr	BOBJ1	95.7367	Before	Interior Girder 1	39.3167	0.95	1	1	2.483986
HS15_str_opr	BOBJ1	95.7367	Before	Interior Girder 2	39.3167	0.95	1	1	2.380515
HS15_str_opr	BOBJ1	95.7367	Before	Interior Girder 3	39.3167	0.95	1	1	2.325362
HS15_str_opr	BOBJ1	95.7367	Before	Interior Girder 4	39.3167	0.95	1	1	2.325362
HS15_str_opr	BOBJ1	95.7367	Before	Interior Girder 5	39.3167	0.95	1	1	2.380515
HS15_str_opr	BOBJ1	95.7367	Before	Interior Girder 6	39.3167	0.95	1	1	2.483986
HS15_str_opr	BOBJ1	95.7367	Before	Right Exterior Girder	39.3167	0.95	1	1	3.074456
HS15_str_opr	BOBJ1	95.7367	After	Left Exterior Girder	39.3167	0.95	1	1	3.074299
HS15_str_opr	BOBJ1	95.7367	After	Interior Girder 1	39.3167	0.95	1	1	2.474024
HS15_str_opr	BOBJ1	95.7367	After	Interior Girder 2	39.3167	0.95	1	1	2.365457
HS15_str_opr	BOBJ1	95.7367	After	Interior Girder 3	39.3167	0.95	1	1	2.299004
HS15_str_opr	BOBJ1	95.7367	After	Interior Girder 4	39.3167	0.95	1	1	2.299004
HS15_str_opr	BOBJ1	95.7367	After	Interior Girder 5	39.3167	0.95	1	1	2.365457
HS15_str_opr	BOBJ1	95.7367	After	Interior Girder 6	39.3167	0.95	1	1	2.474024
HS15_str_opr	BOBJ1	95.7367	After	Right Exterior Girder	39.3167	0.95	1	1	3.074299
HS15_str_opr	BOBJ1	101.3533	Before	Left Exterior Girder	44.9333	0.95	1	1	3.89976
HS15_str_opr	BOBJ1	101.3533	Before	Interior Girder 1	44.9333	0.95	1	1	2.937063
HS15_str_opr	BOBJ1	101.3533	Before	Interior Girder 2	44.9333	0.95	1	1	2.791614
HS15_str_opr	BOBJ1	101.3533	Before	Interior Girder 3	44.9333	0.95	1	1	2.723301
HS15_str_opr	BOBJ1	101.3533	Before	Interior Girder 4	44.9333	0.95	1	1	2.723301
HS15_str_opr	BOBJ1	101.3533	Before	Interior Girder 5	44.9333	0.95	1	1	2.791614
HS15_str_opr	BOBJ1	101.3533	Before	Interior Girder 6	44.9333	0.95	1	1	2.937063
HS15_str_opr	BOBJ1	101.3533	Before	Right Exterior Girder	44.9333	0.95	1	1	3.89976
HS15_str_opr	BOBJ1	101.3533	After	Left Exterior Girder	44.9333	0.95	1	1	3.833664
HS15_str_opr	BOBJ1	101.3533	After	Interior Girder 1	44.9333	0.95	1	1	2.962895
HS15_str_opr	BOBJ1	101.3533	After	Interior Girder 2	44.9333	0.95	1	1	2.797681
HS15_str_opr	BOBJ1	101.3533	After	Interior Girder 3	44.9333	0.95	1	1	2.697832
HS15_str_opr	BOBJ1	101.3533	After	Interior Girder 4	44.9333	0.95	1	1	2.697832
HS15_str_opr	BOBJ1	101.3533	After	Interior Girder 5	44.9333	0.95	1	1	2.797681
HS15_str_opr	BOBJ1	101.3533	After	Interior Girder 6	44.9333	0.95	1	1	2.962895
HS15_str_opr	BOBJ1	101.3533	After	Right Exterior Girder	44.9333	0.95	1	1	3.833664
HS15_str_opr	BOBJ1	106.97	Before	Left Exterior Girder	50.55	0.95	1	1	5.645006
HS15_str_opr	BOBJ1	106.97	Before	Interior Girder 1	50.55	0.95	1	1	4.35119
HS15_str_opr	BOBJ1	106.97	Before	Interior Girder 2	50.55	0.95	1	1	3.996548
HS15_str_opr	BOBJ1	106.97	Before	Interior Girder 3	50.55	0.95	1	1	3.907967
HS15_str_opr	BOBJ1	106.97	Before	Interior Girder 4	50.55	0.95	1	1	3.907967
HS15_str_opr	BOBJ1	106.97	Before	Interior Girder 5	50.55	0.95	1	1	3.996548
HS15_str_opr	BOBJ1	106.97	Before	Interior Girder 6	50.55	0.95	1	1	4.35119
HS15_str_opr	BOBJ1	106.97	Before	Right Exterior Girder	50.55	0.95	1	1	5.645006
HS15_str_opr	BOBJ1	106.97	After	Left Exterior Girder	50.55	0.95	1	1	5.597038
HS15_str_opr	BOBJ1	106.97	After	Interior Girder 1	50.55	0.95	1	1	4.361215
HS15_str_opr	BOBJ1	106.97	After	Interior Girder 2	50.55	0.95	1	1	3.979446
HS15_str_opr	BOBJ1	106.97	After	Interior Girder 3	50.55	0.95	1	1	3.84777

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelINonCompStrgth-Flx - Approach, Span 12-1									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
HS15_str_opr	BOBJ1	106.97	After	Interior Girder 4	50.55	0.95	1	1	3.84777
HS15_str_opr	BOBJ1	106.97	After	Interior Girder 5	50.55	0.95	1	1	3.979446
HS15_str_opr	BOBJ1	106.97	After	Interior Girder 6	50.55	0.95	1	1	4.361215
HS15_str_opr	BOBJ1	106.97	After	Right Exterior Girder	50.55	0.95	1	1	5.597038
HS15_str_opr	BOBJ1	112.5933	Before	Left Exterior Girder	56.1733	0.95	1	1	4.694355
HS15_str_opr	BOBJ1	112.5933	Before	Interior Girder 1	56.1733	0.95	1	1	4.961683
HS15_str_opr	BOBJ1	112.5933	Before	Interior Girder 2	56.1733	0.95	1	1	4.74182
HS15_str_opr	BOBJ1	112.5933	Before	Interior Girder 3	56.1733	0.95	1	1	4.777528
HS15_str_opr	BOBJ1	112.5933	Before	Interior Girder 4	56.1733	0.95	1	1	4.777528
HS15_str_opr	BOBJ1	112.5933	Before	Interior Girder 5	56.1733	0.95	1	1	4.74182
HS15_str_opr	BOBJ1	112.5933	Before	Interior Girder 6	56.1733	0.95	1	1	4.961683
HS15_str_opr	BOBJ1	112.5933	Before	Right Exterior Girder	56.1733	0.95	1	1	4.694355
HS15_str_opr	BOBJ1	112.5933	After	Left Exterior Girder	56.1733	0.95	1	1	4.741181
HS15_str_opr	BOBJ1	112.5933	After	Interior Girder 1	56.1733	0.95	1	1	4.924961
HS15_str_opr	BOBJ1	112.5933	After	Interior Girder 2	56.1733	0.95	1	1	4.688774
HS15_str_opr	BOBJ1	112.5933	After	Interior Girder 3	56.1733	0.95	1	1	4.742202
HS15_str_opr	BOBJ1	112.5933	After	Interior Girder 4	56.1733	0.95	1	1	4.742202
HS15_str_opr	BOBJ1	112.5933	After	Interior Girder 5	56.1733	0.95	1	1	4.688774
HS15_str_opr	BOBJ1	112.5933	After	Interior Girder 6	56.1733	0.95	1	1	4.924961
HS15_str_opr	BOBJ1	112.5933	After	Right Exterior Girder	56.1733	0.95	1	1	4.741181
HS15_str_opr	BOBJ1	115.3396	Before	Left Exterior Girder	58.9196	0.95	1	1	3.784359
HS15_str_opr	BOBJ1	115.3396	Before	Right Exterior Girder	58.9196	0.95	1	1	3.784359
HS15_str_opr	BOBJ1	115.3396	After	Left Exterior Girder	58.9196	0.95	1	1	8.442773
HS15_str_opr	BOBJ1	115.3396	After	Right Exterior Girder	58.9196	0.95	1	1	8.442773
HS15_str_opr	BOBJ1	118.2167	Before	Left Exterior Girder	61.7967	0.95	1	1	7.269395
HS15_str_opr	BOBJ1	118.2167	Before	Interior Girder 1	61.9198	0.95	1	1	3.4256
HS15_str_opr	BOBJ1	118.2167	Before	Interior Girder 2	61.9198	0.95	1	1	3.295886
HS15_str_opr	BOBJ1	118.2167	Before	Interior Girder 3	61.9198	0.95	1	1	3.09178
HS15_str_opr	BOBJ1	118.2167	Before	Interior Girder 4	61.9198	0.95	1	1	3.09178
HS15_str_opr	BOBJ1	118.2167	Before	Interior Girder 5	61.9198	0.95	1	1	3.295886
HS15_str_opr	BOBJ1	118.2167	Before	Interior Girder 6	61.9198	0.95	1	1	3.4256
HS15_str_opr	BOBJ1	118.2167	Before	Right Exterior Girder	61.7967	0.95	1	1	7.269395
HS15_str_opr	BOBJ1	118.2167	After	Left Exterior Girder	61.7967	0.95	1	1	7.279771
HS15_str_opr	BOBJ1	118.2167	After	Interior Girder 1	61.9198	0.95	1	1	5.27464
HS15_str_opr	BOBJ1	118.2167	After	Interior Girder 2	61.9198	0.95	1	1	4.938988
HS15_str_opr	BOBJ1	118.2167	After	Interior Girder 3	61.9198	0.95	1	1	4.708801
HS15_str_opr	BOBJ1	118.2167	After	Interior Girder 4	61.9198	0.95	1	1	4.708801
HS15_str_opr	BOBJ1	118.2167	After	Interior Girder 5	61.9198	0.95	1	1	4.938988
HS15_str_opr	BOBJ1	118.2167	After	Interior Girder 6	61.9198	0.95	1	1	5.27464
HS15_str_opr	BOBJ1	118.2167	After	Right Exterior Girder	61.7967	0.95	1	1	7.279771
HS15_str_opr	BOBJ1	123.84	Before	Left Exterior Girder	67.42	0.95	1	1	4.972725
HS15_str_opr	BOBJ1	123.84	Before	Interior Girder 1	67.42	0.95	1	1	3.303879
HS15_str_opr	BOBJ1	123.84	Before	Interior Girder 2	67.42	0.95	1	1	3.078674
HS15_str_opr	BOBJ1	123.84	Before	Interior Girder 3	67.42	0.95	1	1	2.547154
HS15_str_opr	BOBJ1	123.84	Before	Interior Girder 4	67.42	0.95	1	1	2.547154
HS15_str_opr	BOBJ1	123.84	Before	Interior Girder 5	67.42	0.95	1	1	3.078674
HS15_str_opr	BOBJ1	123.84	Before	Interior Girder 6	67.42	0.95	1	1	3.303879
HS15_str_opr	BOBJ1	123.84	Before	Right Exterior Girder	67.42	0.95	1	1	4.972725
HS15_str_opr	BOBJ1	123.84	After	Left Exterior Girder	0	0.95	1	1	5.3139
HS15_str_opr	BOBJ1	123.84	After	Interior Girder 1	0	0.95	1	1	3.561236
HS15_str_opr	BOBJ1	123.84	After	Interior Girder 2	0	0.95	1	1	3.337755
HS15_str_opr	BOBJ1	123.84	After	Interior Girder 3	0	0.95	1	1	2.767713
HS15_str_opr	BOBJ1	123.84	After	Interior Girder 4	0	0.95	1	1	2.767713
HS15_str_opr	BOBJ1	123.84	After	Interior Girder 5	0	0.95	1	1	3.337755
HS15_str_opr	BOBJ1	123.84	After	Interior Girder 6	0	0.95	1	1	3.561236
HS15_str_opr	BOBJ1	123.84	After	Right Exterior Girder	0	0.95	1	1	5.3139
HS15_str_opr	BOBJ1	129.34	Before	Interior Girder 1	5.5	0.95	1	1	5.637237
HS15_str_opr	BOBJ1	129.34	Before	Interior Girder 2	5.5	0.95	1	1	5.303773
HS15_str_opr	BOBJ1	129.34	Before	Interior Girder 3	5.5	0.95	1	1	5.067405
HS15_str_opr	BOBJ1	129.34	Before	Interior Girder 4	5.5	0.95	1	1	5.067405
HS15_str_opr	BOBJ1	129.34	Before	Interior Girder 5	5.5	0.95	1	1	5.303773
HS15_str_opr	BOBJ1	129.34	Before	Interior Girder 6	5.5	0.95	1	1	5.637237
HS15_str_opr	BOBJ1	129.34	After	Interior Girder 1	5.5	0.95	1	1	3.725281
HS15_str_opr	BOBJ1	129.34	After	Interior Girder 2	5.5	0.95	1	1	3.541809
HS15_str_opr	BOBJ1	129.34	After	Interior Girder 3	5.5	0.95	1	1	3.344605

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelINonCompStrgth-Flx - Approach, Span 12-1									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
HS15_str_opr	BOBJ1	129.34	After	Interior Girder 4	5.5	0.95	1	1	3.344605
HS15_str_opr	BOBJ1	129.34	After	Interior Girder 5	5.5	0.95	1	1	3.541809
HS15_str_opr	BOBJ1	129.34	After	Interior Girder 6	5.5	0.95	1	1	3.725281
HS15_str_opr	BOBJ1	130.79	Before	Left Exterior Girder	6.95	0.95	1	1	8.308623
HS15_str_opr	BOBJ1	130.79	Before	Interior Girder 1	6.95	0.95	1	1	4.138184
HS15_str_opr	BOBJ1	130.79	Before	Interior Girder 2	6.95	0.95	1	1	3.887914
HS15_str_opr	BOBJ1	130.79	Before	Interior Girder 3	6.95	0.95	1	1	3.767346
HS15_str_opr	BOBJ1	130.79	Before	Interior Girder 4	6.95	0.95	1	1	3.767346
HS15_str_opr	BOBJ1	130.79	Before	Interior Girder 5	6.95	0.95	1	1	3.887914
HS15_str_opr	BOBJ1	130.79	Before	Interior Girder 6	6.95	0.95	1	1	4.138184
HS15_str_opr	BOBJ1	130.79	Before	Right Exterior Girder	6.95	0.95	1	1	8.308623
HS15_str_opr	BOBJ1	130.79	After	Left Exterior Girder	6.95	0.95	1	1	8.373047
HS15_str_opr	BOBJ1	130.79	After	Interior Girder 1	6.95	0.95	1	1	4.119509
HS15_str_opr	BOBJ1	130.79	After	Interior Girder 2	6.95	0.95	1	1	3.925013
HS15_str_opr	BOBJ1	130.79	After	Interior Girder 3	6.95	0.95	1	1	3.789598
HS15_str_opr	BOBJ1	130.79	After	Interior Girder 4	6.95	0.95	1	1	3.789598
HS15_str_opr	BOBJ1	130.79	After	Interior Girder 5	6.95	0.95	1	1	3.925013
HS15_str_opr	BOBJ1	130.79	After	Interior Girder 6	6.95	0.95	1	1	4.119509
HS15_str_opr	BOBJ1	130.79	After	Right Exterior Girder	6.95	0.95	1	1	8.373047
HS15_str_opr	BOBJ1	132.34	Before	Left Exterior Girder	8.5	0.95	1	1	9.095214
HS15_str_opr	BOBJ1	132.34	Before	Right Exterior Girder	8.5	0.95	1	1	9.095214
HS15_str_opr	BOBJ1	132.34	After	Left Exterior Girder	8.5	0.95	1	1	4.065163
HS15_str_opr	BOBJ1	132.34	After	Right Exterior Girder	8.5	0.95	1	1	4.065163
HS15_str_opr	BOBJ1	137.74	Before	Left Exterior Girder	13.9	0.95	1	1	5.995192
HS15_str_opr	BOBJ1	137.74	Before	Interior Girder 1	13.9	0.95	1	1	5.701696
HS15_str_opr	BOBJ1	137.74	Before	Interior Girder 2	13.9	0.95	1	1	5.140196
HS15_str_opr	BOBJ1	137.74	Before	Interior Girder 3	13.9	0.95	1	1	4.940281
HS15_str_opr	BOBJ1	137.74	Before	Interior Girder 4	13.9	0.95	1	1	4.940281
HS15_str_opr	BOBJ1	137.74	Before	Interior Girder 5	13.9	0.95	1	1	5.140196
HS15_str_opr	BOBJ1	137.74	Before	Interior Girder 6	13.9	0.95	1	1	5.701696
HS15_str_opr	BOBJ1	137.74	Before	Right Exterior Girder	13.9	0.95	1	1	5.995192
HS15_str_opr	BOBJ1	137.74	After	Left Exterior Girder	13.9	0.95	1	1	6.539722
HS15_str_opr	BOBJ1	137.74	After	Interior Girder 1	13.9	0.95	1	1	5.663093
HS15_str_opr	BOBJ1	137.74	After	Interior Girder 2	13.9	0.95	1	1	5.134095
HS15_str_opr	BOBJ1	137.74	After	Interior Girder 3	13.9	0.95	1	1	5.018481
HS15_str_opr	BOBJ1	137.74	After	Interior Girder 4	13.9	0.95	1	1	5.018481
HS15_str_opr	BOBJ1	137.74	After	Interior Girder 5	13.9	0.95	1	1	5.134095
HS15_str_opr	BOBJ1	137.74	After	Interior Girder 6	13.9	0.95	1	1	5.663093
HS15_str_opr	BOBJ1	137.74	After	Right Exterior Girder	13.9	0.95	1	1	6.539722
HS15_str_opr	BOBJ1	143.7733	Before	Left Exterior Girder	19.9333	0.95	1	1	4.591586
HS15_str_opr	BOBJ1	143.7733	Before	Interior Girder 1	19.9333	0.95	1	1	3.329093
HS15_str_opr	BOBJ1	143.7733	Before	Interior Girder 2	19.9333	0.95	1	1	3.126035
HS15_str_opr	BOBJ1	143.7733	Before	Interior Girder 3	19.9333	0.95	1	1	3.010018
HS15_str_opr	BOBJ1	143.7733	Before	Interior Girder 4	19.9333	0.95	1	1	3.010018
HS15_str_opr	BOBJ1	143.7733	Before	Interior Girder 5	19.9333	0.95	1	1	3.126035
HS15_str_opr	BOBJ1	143.7733	Before	Interior Girder 6	19.9333	0.95	1	1	3.329093
HS15_str_opr	BOBJ1	143.7733	Before	Right Exterior Girder	19.9333	0.95	1	1	4.591586
HS15_str_opr	BOBJ1	143.7733	After	Left Exterior Girder	19.9333	0.95	1	1	4.677815
HS15_str_opr	BOBJ1	143.7733	After	Interior Girder 1	19.9333	0.95	1	1	3.292622
HS15_str_opr	BOBJ1	143.7733	After	Interior Girder 2	19.9333	0.95	1	1	3.128082
HS15_str_opr	BOBJ1	143.7733	After	Interior Girder 3	19.9333	0.95	1	1	3.057268
HS15_str_opr	BOBJ1	143.7733	After	Interior Girder 4	19.9333	0.95	1	1	3.057268
HS15_str_opr	BOBJ1	143.7733	After	Interior Girder 5	19.9333	0.95	1	1	3.128082
HS15_str_opr	BOBJ1	143.7733	After	Interior Girder 6	19.9333	0.95	1	1	3.292622
HS15_str_opr	BOBJ1	143.7733	After	Right Exterior Girder	19.9333	0.95	1	1	4.677815
HS15_str_opr	BOBJ1	149.8067	Before	Left Exterior Girder	25.9667	0.95	1	1	3.273772
HS15_str_opr	BOBJ1	149.8067	Before	Interior Girder 1	25.9667	0.95	1	1	2.566105
HS15_str_opr	BOBJ1	149.8067	Before	Interior Girder 2	25.9667	0.95	1	1	2.4435
HS15_str_opr	BOBJ1	149.8067	Before	Interior Girder 3	25.9667	0.95	1	1	2.375415
HS15_str_opr	BOBJ1	149.8067	Before	Interior Girder 4	25.9667	0.95	1	1	2.375415
HS15_str_opr	BOBJ1	149.8067	Before	Interior Girder 5	25.9667	0.95	1	1	2.4435
HS15_str_opr	BOBJ1	149.8067	Before	Interior Girder 6	25.9667	0.95	1	1	2.566105
HS15_str_opr	BOBJ1	149.8067	Before	Right Exterior Girder	25.9667	0.95	1	1	3.273772
HS15_str_opr	BOBJ1	149.8067	After	Left Exterior Girder	25.9667	0.95	1	1	3.277524
HS15_str_opr	BOBJ1	149.8067	After	Interior Girder 1	25.9667	0.95	1	1	2.571602

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelINonCompStrgth-Flx - Approach, Span 12-1									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
HS15_str_opr	BOBJ1	149.8067	After	Interior Girder 2	25.9667	0.95	1	1	2.462295
HS15_str_opr	BOBJ1	149.8067	After	Interior Girder 3	25.9667	0.95	1	1	2.41354
HS15_str_opr	BOBJ1	149.8067	After	Interior Girder 4	25.9667	0.95	1	1	2.41354
HS15_str_opr	BOBJ1	149.8067	After	Interior Girder 5	25.9667	0.95	1	1	2.462295
HS15_str_opr	BOBJ1	149.8067	After	Interior Girder 6	25.9667	0.95	1	1	2.571602
HS15_str_opr	BOBJ1	149.8067	After	Right Exterior Girder	25.9667	0.95	1	1	3.277524
HS15_str_opr	BOBJ1	155.84	Before	Left Exterior Girder	32	0.95	1	1	2.744194
HS15_str_opr	BOBJ1	155.84	Before	Interior Girder 1	32	0.95	1	1	2.431688
HS15_str_opr	BOBJ1	155.84	Before	Interior Girder 2	32	0.95	1	1	2.326333
HS15_str_opr	BOBJ1	155.84	Before	Interior Girder 3	32	0.95	1	1	2.275907
HS15_str_opr	BOBJ1	155.84	Before	Interior Girder 4	32	0.95	1	1	2.275907
HS15_str_opr	BOBJ1	155.84	Before	Interior Girder 5	32	0.95	1	1	2.326333
HS15_str_opr	BOBJ1	155.84	Before	Interior Girder 6	32	0.95	1	1	2.431688
HS15_str_opr	BOBJ1	155.84	Before	Right Exterior Girder	32	0.95	1	1	2.744194
HS15_str_opr	BOBJ1	155.84	After	Left Exterior Girder	32	0.95	1	1	2.754874
HS15_str_opr	BOBJ1	155.84	After	Interior Girder 1	32	0.95	1	1	2.426726
HS15_str_opr	BOBJ1	155.84	After	Interior Girder 2	32	0.95	1	1	2.32375
HS15_str_opr	BOBJ1	155.84	After	Interior Girder 3	32	0.95	1	1	2.281768
HS15_str_opr	BOBJ1	155.84	After	Interior Girder 4	32	0.95	1	1	2.281768
HS15_str_opr	BOBJ1	155.84	After	Interior Girder 5	32	0.95	1	1	2.32375
HS15_str_opr	BOBJ1	155.84	After	Interior Girder 6	32	0.95	1	1	2.426726
HS15_str_opr	BOBJ1	155.84	After	Right Exterior Girder	32	0.95	1	1	2.754874
HS15_str_opr	BOBJ1	161.8733	Before	Left Exterior Girder	38.0333	0.95	1	1	2.959155
HS15_str_opr	BOBJ1	161.8733	Before	Interior Girder 1	38.0333	0.95	1	1	2.385551
HS15_str_opr	BOBJ1	161.8733	Before	Interior Girder 2	38.0333	0.95	1	1	2.283908
HS15_str_opr	BOBJ1	161.8733	Before	Interior Girder 3	38.0333	0.95	1	1	2.231115
HS15_str_opr	BOBJ1	161.8733	Before	Interior Girder 4	38.0333	0.95	1	1	2.231115
HS15_str_opr	BOBJ1	161.8733	Before	Interior Girder 5	38.0333	0.95	1	1	2.283908
HS15_str_opr	BOBJ1	161.8733	Before	Interior Girder 6	38.0333	0.95	1	1	2.385551
HS15_str_opr	BOBJ1	161.8733	Before	Right Exterior Girder	38.0333	0.95	1	1	2.959155
HS15_str_opr	BOBJ1	161.8733	After	Left Exterior Girder	38.0333	0.95	1	1	2.96348
HS15_str_opr	BOBJ1	161.8733	After	Interior Girder 1	38.0333	0.95	1	1	2.371961
HS15_str_opr	BOBJ1	161.8733	After	Interior Girder 2	38.0333	0.95	1	1	2.267684
HS15_str_opr	BOBJ1	161.8733	After	Interior Girder 3	38.0333	0.95	1	1	2.202992
HS15_str_opr	BOBJ1	161.8733	After	Interior Girder 4	38.0333	0.95	1	1	2.202992
HS15_str_opr	BOBJ1	161.8733	After	Interior Girder 5	38.0333	0.95	1	1	2.267684
HS15_str_opr	BOBJ1	161.8733	After	Interior Girder 6	38.0333	0.95	1	1	2.371961
HS15_str_opr	BOBJ1	161.8733	After	Right Exterior Girder	38.0333	0.95	1	1	2.96348
HS15_str_opr	BOBJ1	167.9067	Before	Left Exterior Girder	44.0667	0.95	1	1	3.711
HS15_str_opr	BOBJ1	167.9067	Before	Interior Girder 1	44.0667	0.95	1	1	2.780027
HS15_str_opr	BOBJ1	167.9067	Before	Interior Girder 2	44.0667	0.95	1	1	2.639226
HS15_str_opr	BOBJ1	167.9067	Before	Interior Girder 3	44.0667	0.95	1	1	2.574456
HS15_str_opr	BOBJ1	167.9067	Before	Interior Girder 4	44.0667	0.95	1	1	2.574456
HS15_str_opr	BOBJ1	167.9067	Before	Interior Girder 5	44.0667	0.95	1	1	2.639226
HS15_str_opr	BOBJ1	167.9067	Before	Interior Girder 6	44.0667	0.95	1	1	2.780027
HS15_str_opr	BOBJ1	167.9067	Before	Right Exterior Girder	44.0667	0.95	1	1	3.711
HS15_str_opr	BOBJ1	167.9067	After	Left Exterior Girder	44.0667	0.95	1	1	3.64549
HS15_str_opr	BOBJ1	167.9067	After	Interior Girder 1	44.0667	0.95	1	1	2.805258
HS15_str_opr	BOBJ1	167.9067	After	Interior Girder 2	44.0667	0.95	1	1	2.645139
HS15_str_opr	BOBJ1	167.9067	After	Interior Girder 3	44.0667	0.95	1	1	2.547993
HS15_str_opr	BOBJ1	167.9067	After	Interior Girder 4	44.0667	0.95	1	1	2.547993
HS15_str_opr	BOBJ1	167.9067	After	Interior Girder 5	44.0667	0.95	1	1	2.645139
HS15_str_opr	BOBJ1	167.9067	After	Interior Girder 6	44.0667	0.95	1	1	2.805258
HS15_str_opr	BOBJ1	167.9067	After	Right Exterior Girder	44.0667	0.95	1	1	3.64549
HS15_str_opr	BOBJ1	173.94	Before	Left Exterior Girder	50.1	0.95	1	1	5.378169
HS15_str_opr	BOBJ1	173.94	Before	Interior Girder 1	50.1	0.95	1	1	4.155598
HS15_str_opr	BOBJ1	173.94	Before	Interior Girder 2	50.1	0.95	1	1	3.802054
HS15_str_opr	BOBJ1	173.94	Before	Interior Girder 3	50.1	0.95	1	1	3.700905
HS15_str_opr	BOBJ1	173.94	Before	Interior Girder 4	50.1	0.95	1	1	3.700905
HS15_str_opr	BOBJ1	173.94	Before	Interior Girder 5	50.1	0.95	1	1	3.802054
HS15_str_opr	BOBJ1	173.94	Before	Interior Girder 6	50.1	0.95	1	1	4.155598
HS15_str_opr	BOBJ1	173.94	Before	Right Exterior Girder	50.1	0.95	1	1	5.378169
HS15_str_opr	BOBJ1	173.94	After	Left Exterior Girder	50.1	0.95	1	1	5.326828
HS15_str_opr	BOBJ1	173.94	After	Interior Girder 1	50.1	0.95	1	1	4.164921
HS15_str_opr	BOBJ1	173.94	After	Interior Girder 2	50.1	0.95	1	1	3.786496

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelINonCompStrgth-Flx - Approach, Span 12-1									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
HS15_str_opr	BOBJ1	173.94	After	Interior Girder 3	50.1	0.95	1	1	3.653618
HS15_str_opr	BOBJ1	173.94	After	Interior Girder 4	50.1	0.95	1	1	3.653618
HS15_str_opr	BOBJ1	173.94	After	Interior Girder 5	50.1	0.95	1	1	3.786496
HS15_str_opr	BOBJ1	173.94	After	Interior Girder 6	50.1	0.95	1	1	4.164921
HS15_str_opr	BOBJ1	173.94	After	Right Exterior Girder	50.1	0.95	1	1	5.326828
HS15_str_opr	BOBJ1	179.98	Before	Left Exterior Girder	56.14	0.95	1	1	6.185217
HS15_str_opr	BOBJ1	179.98	Before	Interior Girder 1	56.14	0.95	1	1	6.325417
HS15_str_opr	BOBJ1	179.98	Before	Interior Girder 2	56.14	0.95	1	1	5.979245
HS15_str_opr	BOBJ1	179.98	Before	Interior Girder 3	56.14	0.95	1	1	5.940995
HS15_str_opr	BOBJ1	179.98	Before	Interior Girder 4	56.14	0.95	1	1	5.940995
HS15_str_opr	BOBJ1	179.98	Before	Interior Girder 5	56.14	0.95	1	1	5.979245
HS15_str_opr	BOBJ1	179.98	Before	Interior Girder 6	56.14	0.95	1	1	6.325417
HS15_str_opr	BOBJ1	179.98	Before	Right Exterior Girder	56.14	0.95	1	1	6.185217
HS15_str_opr	BOBJ1	179.98	After	Left Exterior Girder	56.14	0.95	1	1	6.255339
HS15_str_opr	BOBJ1	179.98	After	Interior Girder 1	56.14	0.95	1	1	6.269028
HS15_str_opr	BOBJ1	179.98	After	Interior Girder 2	56.14	0.95	1	1	5.880023
HS15_str_opr	BOBJ1	179.98	After	Interior Girder 3	56.14	0.95	1	1	5.866222
HS15_str_opr	BOBJ1	179.98	After	Interior Girder 4	56.14	0.95	1	1	5.866222
HS15_str_opr	BOBJ1	179.98	After	Interior Girder 5	56.14	0.95	1	1	5.880023
HS15_str_opr	BOBJ1	179.98	After	Interior Girder 6	56.14	0.95	1	1	6.269028
HS15_str_opr	BOBJ1	179.98	After	Right Exterior Girder	56.14	0.95	1	1	6.255339
HS15_str_opr	BOBJ1	183.56	Before	Left Exterior Girder	59.72	0.95	1	1	4.692392
HS15_str_opr	BOBJ1	183.56	Before	Right Exterior Girder	59.72	0.95	1	1	4.692392
HS15_str_opr	BOBJ1	183.56	After	Left Exterior Girder	59.72	0.95	1	1	11.348985
HS15_str_opr	BOBJ1	183.56	After	Right Exterior Girder	59.72	0.95	1	1	11.348985
HS15_str_opr	BOBJ1	186.02	Before	Left Exterior Girder	62.18	0.95	1	1	10.004229
HS15_str_opr	BOBJ1	186.02	Before	Interior Girder 1	62.22	0.95	1	1	4.219051
HS15_str_opr	BOBJ1	186.02	Before	Interior Girder 2	62.22	0.95	1	1	4.031595
HS15_str_opr	BOBJ1	186.02	Before	Interior Girder 3	62.22	0.95	1	1	3.702749
HS15_str_opr	BOBJ1	186.02	Before	Interior Girder 4	62.22	0.95	1	1	3.702749
HS15_str_opr	BOBJ1	186.02	Before	Interior Girder 5	62.22	0.95	1	1	4.031595
HS15_str_opr	BOBJ1	186.02	Before	Interior Girder 6	62.22	0.95	1	1	4.219051
HS15_str_opr	BOBJ1	186.02	Before	Right Exterior Girder	62.18	0.95	1	1	10.004229
HS15_str_opr	BOBJ1	186.02	After	Left Exterior Girder	62.18	0.95	1	1	10.073033
HS15_str_opr	BOBJ1	186.02	After	Interior Girder 1	62.22	0.95	1	1	6.877032
HS15_str_opr	BOBJ1	186.02	After	Interior Girder 2	62.22	0.95	1	1	6.36632
HS15_str_opr	BOBJ1	186.02	After	Interior Girder 3	62.22	0.95	1	1	5.949662
HS15_str_opr	BOBJ1	186.02	After	Interior Girder 4	62.22	0.95	1	1	5.949662
HS15_str_opr	BOBJ1	186.02	After	Interior Girder 5	62.22	0.95	1	1	6.36632
HS15_str_opr	BOBJ1	186.02	After	Interior Girder 6	62.22	0.95	1	1	6.877032
HS15_str_opr	BOBJ1	186.02	After	Right Exterior Girder	62.18	0.95	1	1	10.073033
HS15_str_opr	BOBJ1	192.06	Before	Left Exterior Girder	68.22	0.95	1	1	4.80248
HS15_str_opr	BOBJ1	192.06	Before	Interior Girder 1	68.22	0.95	1	1	3.14638
HS15_str_opr	BOBJ1	192.06	Before	Interior Girder 2	68.22	0.95	1	1	3.010127
HS15_str_opr	BOBJ1	192.06	Before	Interior Girder 3	68.22	0.95	1	1	2.538104
HS15_str_opr	BOBJ1	192.06	Before	Interior Girder 4	68.22	0.95	1	1	2.538104
HS15_str_opr	BOBJ1	192.06	Before	Interior Girder 5	68.22	0.95	1	1	3.010127
HS15_str_opr	BOBJ1	192.06	Before	Interior Girder 6	68.22	0.95	1	1	3.14638
HS15_str_opr	BOBJ1	192.06	Before	Right Exterior Girder	68.22	0.95	1	1	4.80248
HS15_str_opr	BOBJ1	192.06	After	Left Exterior Girder	0	0.95	1	1	5.922637
HS15_str_opr	BOBJ1	192.06	After	Interior Girder 1	0	0.95	1	1	4.457051
HS15_str_opr	BOBJ1	192.06	After	Interior Girder 2	0	0.95	1	1	4.140948
HS15_str_opr	BOBJ1	192.06	After	Interior Girder 3	0	0.95	1	1	3.525933
HS15_str_opr	BOBJ1	192.06	After	Interior Girder 4	0	0.95	1	1	3.525933
HS15_str_opr	BOBJ1	192.06	After	Interior Girder 5	0	0.95	1	1	4.140948
HS15_str_opr	BOBJ1	192.06	After	Interior Girder 6	0	0.95	1	1	4.457051
HS15_str_opr	BOBJ1	192.06	After	Right Exterior Girder	0	0.95	1	1	5.922637
HS15_str_opr	BOBJ1	197.087	Before	Interior Girder 1	5.027	0.95	1	1	5.905916
HS15_str_opr	BOBJ1	197.087	Before	Interior Girder 2	5.027	0.95	1	1	5.528805
HS15_str_opr	BOBJ1	197.087	Before	Interior Girder 3	5.027	0.95	1	1	5.417092
HS15_str_opr	BOBJ1	197.087	Before	Interior Girder 4	5.027	0.95	1	1	5.417092
HS15_str_opr	BOBJ1	197.087	Before	Interior Girder 5	5.027	0.95	1	1	5.528805
HS15_str_opr	BOBJ1	197.087	Before	Interior Girder 6	5.027	0.95	1	1	5.905916
HS15_str_opr	BOBJ1	197.087	After	Interior Girder 1	5.027	0.95	1	1	3.68311
HS15_str_opr	BOBJ1	197.087	After	Interior Girder 2	5.027	0.95	1	1	3.465305

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelINonCompStrgth-Flx - Approach, Span 12-1									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
HS15_str_opr	BOBJ1	197.087	After	Interior Girder 3	5.027	0.95	1	1	3.373747
HS15_str_opr	BOBJ1	197.087	After	Interior Girder 4	5.027	0.95	1	1	3.373747
HS15_str_opr	BOBJ1	197.087	After	Interior Girder 5	5.027	0.95	1	1	3.465305
HS15_str_opr	BOBJ1	197.087	After	Interior Girder 6	5.027	0.95	1	1	3.68311
HS15_str_opr	BOBJ1	197.91	Before	Left Exterior Girder	5.85	0.95	1	1	8.207267
HS15_str_opr	BOBJ1	197.91	Before	Interior Girder 1	5.85	0.95	1	1	3.897492
HS15_str_opr	BOBJ1	197.91	Before	Interior Girder 2	5.85	0.95	1	1	3.636268
HS15_str_opr	BOBJ1	197.91	Before	Interior Girder 3	5.85	0.95	1	1	3.605423
HS15_str_opr	BOBJ1	197.91	Before	Interior Girder 4	5.85	0.95	1	1	3.605423
HS15_str_opr	BOBJ1	197.91	Before	Interior Girder 5	5.85	0.95	1	1	3.636268
HS15_str_opr	BOBJ1	197.91	Before	Interior Girder 6	5.85	0.95	1	1	3.897492
HS15_str_opr	BOBJ1	197.91	Before	Right Exterior Girder	5.85	0.95	1	1	8.207267
HS15_str_opr	BOBJ1	197.91	After	Left Exterior Girder	5.85	0.95	1	1	6.958389
HS15_str_opr	BOBJ1	197.91	After	Interior Girder 1	5.85	0.95	1	1	3.242974
HS15_str_opr	BOBJ1	197.91	After	Interior Girder 2	5.85	0.95	1	1	3.061446
HS15_str_opr	BOBJ1	197.91	After	Interior Girder 3	5.85	0.95	1	1	3.002928
HS15_str_opr	BOBJ1	197.91	After	Interior Girder 4	5.85	0.95	1	1	3.002928
HS15_str_opr	BOBJ1	197.91	After	Interior Girder 5	5.85	0.95	1	1	3.061446
HS15_str_opr	BOBJ1	197.91	After	Interior Girder 6	5.85	0.95	1	1	3.242974
HS15_str_opr	BOBJ1	197.91	After	Right Exterior Girder	5.85	0.95	1	1	6.958389
HS15_str_opr	BOBJ1	199.1816	Before	Left Exterior Girder	7.1216	0.95	1	1	7.449536
HS15_str_opr	BOBJ1	199.1816	Before	Right Exterior Girder	7.1216	0.95	1	1	7.449536
HS15_str_opr	BOBJ1	199.1816	After	Left Exterior Girder	7.1216	0.95	1	1	2.989394
HS15_str_opr	BOBJ1	199.1816	After	Right Exterior Girder	7.1216	0.95	1	1	2.989394
HS15_str_opr	BOBJ1	203.5267	Before	Left Exterior Girder	11.3107	0.95	1	1	4.306258
HS15_str_opr	BOBJ1	203.5267	Before	Interior Girder 1	11.3107	0.95	1	1	4.606392
HS15_str_opr	BOBJ1	203.5267	Before	Interior Girder 2	11.3107	0.95	1	1	4.351101
HS15_str_opr	BOBJ1	203.5267	Before	Interior Girder 3	11.3107	0.95	1	1	4.489042
HS15_str_opr	BOBJ1	203.5267	Before	Interior Girder 4	11.3107	0.95	1	1	4.489042
HS15_str_opr	BOBJ1	203.5267	Before	Interior Girder 5	11.3107	0.95	1	1	4.351101
HS15_str_opr	BOBJ1	203.5267	Before	Interior Girder 6	11.3107	0.95	1	1	4.606392
HS15_str_opr	BOBJ1	203.5267	Before	Right Exterior Girder	11.3107	0.95	1	1	4.306258
HS15_str_opr	BOBJ1	203.5267	After	Left Exterior Girder	11.3107	0.95	1	1	6.932225
HS15_str_opr	BOBJ1	203.5267	After	Interior Girder 1	11.3107	0.95	1	1	7.295997
HS15_str_opr	BOBJ1	203.5267	After	Interior Girder 2	11.3107	0.95	1	1	6.965476
HS15_str_opr	BOBJ1	203.5267	After	Interior Girder 3	11.3107	0.95	1	1	7.125915
HS15_str_opr	BOBJ1	203.5267	After	Interior Girder 4	11.3107	0.95	1	1	7.125915
HS15_str_opr	BOBJ1	203.5267	After	Interior Girder 5	11.3107	0.95	1	1	6.965476
HS15_str_opr	BOBJ1	203.5267	After	Interior Girder 6	11.3107	0.95	1	1	7.295997
HS15_str_opr	BOBJ1	203.5267	After	Right Exterior Girder	11.3107	0.95	1	1	6.932225
HS15_str_opr	BOBJ1	209.1433	Before	Left Exterior Girder	17.0833	0.95	1	1	7.47834
HS15_str_opr	BOBJ1	209.1433	Before	Interior Girder 1	17.0833	0.95	1	1	5.263182
HS15_str_opr	BOBJ1	209.1433	Before	Interior Girder 2	17.0833	0.95	1	1	4.89073
HS15_str_opr	BOBJ1	209.1433	Before	Interior Girder 3	17.0833	0.95	1	1	4.769956
HS15_str_opr	BOBJ1	209.1433	Before	Interior Girder 4	17.0833	0.95	1	1	4.769956
HS15_str_opr	BOBJ1	209.1433	Before	Interior Girder 5	17.0833	0.95	1	1	4.89073
HS15_str_opr	BOBJ1	209.1433	Before	Interior Girder 6	17.0833	0.95	1	1	5.263182
HS15_str_opr	BOBJ1	209.1433	Before	Right Exterior Girder	17.0833	0.95	1	1	7.47834
HS15_str_opr	BOBJ1	209.1433	After	Left Exterior Girder	17.0833	0.95	1	1	7.433197
HS15_str_opr	BOBJ1	209.1433	After	Interior Girder 1	17.0833	0.95	1	1	5.296032
HS15_str_opr	BOBJ1	209.1433	After	Interior Girder 2	17.0833	0.95	1	1	4.957463
HS15_str_opr	BOBJ1	209.1433	After	Interior Girder 3	17.0833	0.95	1	1	4.875153
HS15_str_opr	BOBJ1	209.1433	After	Interior Girder 4	17.0833	0.95	1	1	4.875153
HS15_str_opr	BOBJ1	209.1433	After	Interior Girder 5	17.0833	0.95	1	1	4.957463
HS15_str_opr	BOBJ1	209.1433	After	Interior Girder 6	17.0833	0.95	1	1	5.296032
HS15_str_opr	BOBJ1	209.1433	After	Right Exterior Girder	17.0833	0.95	1	1	7.433197
HS15_str_opr	BOBJ1	214.76	Before	Left Exterior Girder	22.7	0.95	1	1	5.116355
HS15_str_opr	BOBJ1	214.76	Before	Interior Girder 1	22.7	0.95	1	1	4.141057
HS15_str_opr	BOBJ1	214.76	Before	Interior Girder 2	22.7	0.95	1	1	3.876023
HS15_str_opr	BOBJ1	214.76	Before	Interior Girder 3	22.7	0.95	1	1	3.785089
HS15_str_opr	BOBJ1	214.76	Before	Interior Girder 4	22.7	0.95	1	1	3.785089
HS15_str_opr	BOBJ1	214.76	Before	Interior Girder 5	22.7	0.95	1	1	3.876023
HS15_str_opr	BOBJ1	214.76	Before	Interior Girder 6	22.7	0.95	1	1	4.141057
HS15_str_opr	BOBJ1	214.76	Before	Right Exterior Girder	22.7	0.95	1	1	5.116355
HS15_str_opr	BOBJ1	214.76	After	Left Exterior Girder	22.7	0.95	1	1	5.152541

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelINonCompStrgth-Flx - Approach, Span 12-1									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
HS15_str_opr	BOBJ1	214.76	After	Interior Girder 1	22.7	0.95	1	1	4.127551
HS15_str_opr	BOBJ1	214.76	After	Interior Girder 2	22.7	0.95	1	1	3.888976
HS15_str_opr	BOBJ1	214.76	After	Interior Girder 3	22.7	0.95	1	1	3.816211
HS15_str_opr	BOBJ1	214.76	After	Interior Girder 4	22.7	0.95	1	1	3.816211
HS15_str_opr	BOBJ1	214.76	After	Interior Girder 5	22.7	0.95	1	1	3.888976
HS15_str_opr	BOBJ1	214.76	After	Interior Girder 6	22.7	0.95	1	1	4.127551
HS15_str_opr	BOBJ1	214.76	After	Right Exterior Girder	22.7	0.95	1	1	5.152541
HS15_str_opr	BOBJ1	220.3767	Before	Left Exterior Girder	28.3167	0.95	1	1	4.539371
HS15_str_opr	BOBJ1	220.3767	Before	Interior Girder 1	28.3167	0.95	1	1	3.490424
HS15_str_opr	BOBJ1	220.3767	Before	Interior Girder 2	28.3167	0.95	1	1	3.307305
HS15_str_opr	BOBJ1	220.3767	Before	Interior Girder 3	28.3167	0.95	1	1	3.196649
HS15_str_opr	BOBJ1	220.3767	Before	Interior Girder 4	28.3167	0.95	1	1	3.196649
HS15_str_opr	BOBJ1	220.3767	Before	Interior Girder 5	28.3167	0.95	1	1	3.307305
HS15_str_opr	BOBJ1	220.3767	Before	Interior Girder 6	28.3167	0.95	1	1	3.490424
HS15_str_opr	BOBJ1	220.3767	Before	Right Exterior Girder	28.3167	0.95	1	1	4.539371
HS15_str_opr	BOBJ1	220.3767	After	Left Exterior Girder	28.3167	0.95	1	1	4.568923
HS15_str_opr	BOBJ1	220.3767	After	Interior Girder 1	28.3167	0.95	1	1	3.482683
HS15_str_opr	BOBJ1	220.3767	After	Interior Girder 2	28.3167	0.95	1	1	3.307677
HS15_str_opr	BOBJ1	220.3767	After	Interior Girder 3	28.3167	0.95	1	1	3.213928
HS15_str_opr	BOBJ1	220.3767	After	Interior Girder 4	28.3167	0.95	1	1	3.213928
HS15_str_opr	BOBJ1	220.3767	After	Interior Girder 5	28.3167	0.95	1	1	3.307677
HS15_str_opr	BOBJ1	220.3767	After	Interior Girder 6	28.3167	0.95	1	1	3.482683
HS15_str_opr	BOBJ1	220.3767	After	Right Exterior Girder	28.3167	0.95	1	1	4.568923
HS15_str_opr	BOBJ1	225.9933	Before	Left Exterior Girder	33.9333	0.95	1	1	4.360823
HS15_str_opr	BOBJ1	225.9933	Before	Interior Girder 1	33.9333	0.95	1	1	3.33702
HS15_str_opr	BOBJ1	225.9933	Before	Interior Girder 2	33.9333	0.95	1	1	3.184547
HS15_str_opr	BOBJ1	225.9933	Before	Interior Girder 3	33.9333	0.95	1	1	3.087559
HS15_str_opr	BOBJ1	225.9933	Before	Interior Girder 4	33.9333	0.95	1	1	3.087559
HS15_str_opr	BOBJ1	225.9933	Before	Interior Girder 5	33.9333	0.95	1	1	3.184547
HS15_str_opr	BOBJ1	225.9933	Before	Interior Girder 6	33.9333	0.95	1	1	3.33702
HS15_str_opr	BOBJ1	225.9933	Before	Right Exterior Girder	33.9333	0.95	1	1	4.360823
HS15_str_opr	BOBJ1	225.9933	After	Left Exterior Girder	33.9333	0.95	1	1	4.331282
HS15_str_opr	BOBJ1	225.9933	After	Interior Girder 1	33.9333	0.95	1	1	3.346428
HS15_str_opr	BOBJ1	225.9933	After	Interior Girder 2	33.9333	0.95	1	1	3.17975
HS15_str_opr	BOBJ1	225.9933	After	Interior Girder 3	33.9333	0.95	1	1	3.07199
HS15_str_opr	BOBJ1	225.9933	After	Interior Girder 4	33.9333	0.95	1	1	3.07199
HS15_str_opr	BOBJ1	225.9933	After	Interior Girder 5	33.9333	0.95	1	1	3.17975
HS15_str_opr	BOBJ1	225.9933	After	Interior Girder 6	33.9333	0.95	1	1	3.346428
HS15_str_opr	BOBJ1	225.9933	After	Right Exterior Girder	33.9333	0.95	1	1	4.331282
HS15_str_opr	BOBJ1	231.61	Before	Left Exterior Girder	39.55	0.95	1	1	4.602382
HS15_str_opr	BOBJ1	231.61	Before	Interior Girder 1	39.55	0.95	1	1	3.721254
HS15_str_opr	BOBJ1	231.61	Before	Interior Girder 2	39.55	0.95	1	1	3.522257
HS15_str_opr	BOBJ1	231.61	Before	Interior Girder 3	39.55	0.95	1	1	3.4185
HS15_str_opr	BOBJ1	231.61	Before	Interior Girder 4	39.55	0.95	1	1	3.4185
HS15_str_opr	BOBJ1	231.61	Before	Interior Girder 5	39.55	0.95	1	1	3.522257
HS15_str_opr	BOBJ1	231.61	Before	Interior Girder 6	39.55	0.95	1	1	3.721254
HS15_str_opr	BOBJ1	231.61	Before	Right Exterior Girder	39.55	0.95	1	1	4.602382
HS15_str_opr	BOBJ1	231.61	After	Left Exterior Girder	39.55	0.95	1	1	4.589854
HS15_str_opr	BOBJ1	231.61	After	Interior Girder 1	39.55	0.95	1	1	3.722345
HS15_str_opr	BOBJ1	231.61	After	Interior Girder 2	39.55	0.95	1	1	3.493126
HS15_str_opr	BOBJ1	231.61	After	Interior Girder 3	39.55	0.95	1	1	3.369212
HS15_str_opr	BOBJ1	231.61	After	Interior Girder 4	39.55	0.95	1	1	3.369212
HS15_str_opr	BOBJ1	231.61	After	Interior Girder 5	39.55	0.95	1	1	3.493126
HS15_str_opr	BOBJ1	231.61	After	Interior Girder 6	39.55	0.95	1	1	3.722345
HS15_str_opr	BOBJ1	231.61	After	Right Exterior Girder	39.55	0.95	1	1	4.589854
HS15_str_opr	BOBJ1	237.37	Before	Left Exterior Girder	45.31	0.95	1	1	6.193486
HS15_str_opr	BOBJ1	237.37	Before	Interior Girder 1	45.31	0.95	1	1	4.410572
HS15_str_opr	BOBJ1	237.37	Before	Interior Girder 2	45.31	0.95	1	1	4.182737
HS15_str_opr	BOBJ1	237.37	Before	Interior Girder 3	45.31	0.95	1	1	3.998021
HS15_str_opr	BOBJ1	237.37	Before	Interior Girder 4	45.31	0.95	1	1	3.998021
HS15_str_opr	BOBJ1	237.37	Before	Interior Girder 5	45.31	0.95	1	1	4.182737
HS15_str_opr	BOBJ1	237.37	Before	Interior Girder 6	45.31	0.95	1	1	4.410572
HS15_str_opr	BOBJ1	237.37	Before	Right Exterior Girder	45.31	0.95	1	1	6.193486
HS15_str_opr	BOBJ1	237.37	After	Left Exterior Girder	45.31	0.95	1	1	6.225
HS15_str_opr	BOBJ1	237.37	After	Interior Girder 1	45.31	0.95	1	1	4.388213

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelINonCompStrgth-Flx - Approach, Span 12-1									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
HS15_str_opr	BOBJ1	237.37	After	Interior Girder 2	45.31	0.95	1	1	4.098134
HS15_str_opr	BOBJ1	237.37	After	Interior Girder 3	45.31	0.95	1	1	3.857549
HS15_str_opr	BOBJ1	237.37	After	Interior Girder 4	45.31	0.95	1	1	3.857549
HS15_str_opr	BOBJ1	237.37	After	Interior Girder 5	45.31	0.95	1	1	4.098134
HS15_str_opr	BOBJ1	237.37	After	Interior Girder 6	45.31	0.95	1	1	4.388213
HS15_str_opr	BOBJ1	237.37	After	Right Exterior Girder	45.31	0.95	1	1	6.225
HS15_str_opr	BOBJ1	243.13	Before	Left Exterior Girder	51.07	0.95	1	1	11.967535
HS15_str_opr	BOBJ1	243.13	Before	Interior Girder 1	51.07	0.95	1	1	7.31992
HS15_str_opr	BOBJ1	243.13	Before	Interior Girder 2	51.07	0.95	1	1	6.946466
HS15_str_opr	BOBJ1	243.13	Before	Interior Girder 3	51.07	0.95	1	1	6.191927
HS15_str_opr	BOBJ1	243.13	Before	Interior Girder 4	51.07	0.95	1	1	6.191927
HS15_str_opr	BOBJ1	243.13	Before	Interior Girder 5	51.07	0.95	1	1	6.946466
HS15_str_opr	BOBJ1	243.13	Before	Interior Girder 6	51.07	0.95	1	1	7.31992
HS15_str_opr	BOBJ1	243.13	Before	Right Exterior Girder	51.07	0.95	1	1	11.967535
HS15_str_opr	BOBJ1	243.13	After	Left Exterior Girder	51.07	0.95	1	1	11.868566
HS15_str_opr	BOBJ1	243.13	After	Interior Girder 1	51.07	0.95	1	1	7.246008
HS15_str_opr	BOBJ1	243.13	After	Interior Girder 2	51.07	0.95	1	1	6.786396
HS15_str_opr	BOBJ1	243.13	After	Interior Girder 3	51.07	0.95	1	1	5.88166
HS15_str_opr	BOBJ1	243.13	After	Interior Girder 4	51.07	0.95	1	1	5.88166
HS15_str_opr	BOBJ1	243.13	After	Interior Girder 5	51.07	0.95	1	1	6.786396
HS15_str_opr	BOBJ1	243.13	After	Interior Girder 6	51.07	0.95	1	1	7.246008
HS15_str_opr	BOBJ1	243.13	After	Right Exterior Girder	51.07	0.95	1	1	11.868566
HS15_str_opr	BOBJ1	248.89	Before	Left Exterior Girder	56.83	0.95	1	1	621.090779
HS15_str_opr	BOBJ1	248.89	Before	Interior Girder 1	56.83	0.95	1	1	569.828717
HS15_str_opr	BOBJ1	248.89	Before	Interior Girder 2	56.83	0.95	1	1	348.003494
HS15_str_opr	BOBJ1	248.89	Before	Interior Girder 3	56.83	0.95	1	1	270.61308
HS15_str_opr	BOBJ1	248.89	Before	Interior Girder 4	56.83	0.95	1	1	270.613081
HS15_str_opr	BOBJ1	248.89	Before	Interior Girder 5	56.83	0.95	1	1	348.003494
HS15_str_opr	BOBJ1	248.89	Before	Interior Girder 6	56.83	0.95	1	1	569.828716
HS15_str_opr	BOBJ1	248.89	Before	Right Exterior Girder	56.83	0.95	1	1	621.090779
HS15_str_inv	BOBJ1	0	After	Left Exterior Girder	0	0.95	1	1	278.730619
HS15_str_inv	BOBJ1	0	After	Interior Girder 1	0	0.95	1	1	266.668012
HS15_str_inv	BOBJ1	0	After	Interior Girder 2	0	0.95	1	1	190.512782
HS15_str_inv	BOBJ1	0	After	Interior Girder 3	0	0.95	1	1	153.05417
HS15_str_inv	BOBJ1	0	After	Interior Girder 4	0	0.95	1	1	153.05417
HS15_str_inv	BOBJ1	0	After	Interior Girder 5	0	0.95	1	1	190.512782
HS15_str_inv	BOBJ1	0	After	Interior Girder 6	0	0.95	1	1	266.668012
HS15_str_inv	BOBJ1	0	After	Right Exterior Girder	0	0.95	1	1	278.730619
HS15_str_inv	BOBJ1	5.85	Before	Left Exterior Girder	5.85	0.95	1	1	6.516688
HS15_str_inv	BOBJ1	5.85	Before	Interior Girder 1	5.85	0.95	1	1	4.622256
HS15_str_inv	BOBJ1	5.85	Before	Interior Girder 2	5.85	0.95	1	1	4.278392
HS15_str_inv	BOBJ1	5.85	Before	Interior Girder 3	5.85	0.95	1	1	3.775279
HS15_str_inv	BOBJ1	5.85	Before	Interior Girder 4	5.85	0.95	1	1	3.775279
HS15_str_inv	BOBJ1	5.85	Before	Interior Girder 5	5.85	0.95	1	1	4.278392
HS15_str_inv	BOBJ1	5.85	Before	Interior Girder 6	5.85	0.95	1	1	4.622256
HS15_str_inv	BOBJ1	5.85	Before	Right Exterior Girder	5.85	0.95	1	1	6.516688
HS15_str_inv	BOBJ1	5.85	After	Left Exterior Girder	5.85	0.95	1	1	6.584274
HS15_str_inv	BOBJ1	5.85	After	Interior Girder 1	5.85	0.95	1	1	4.625958
HS15_str_inv	BOBJ1	5.85	After	Interior Girder 2	5.85	0.95	1	1	4.34675
HS15_str_inv	BOBJ1	5.85	After	Interior Girder 3	5.85	0.95	1	1	3.949755
HS15_str_inv	BOBJ1	5.85	After	Interior Girder 4	5.85	0.95	1	1	3.949755
HS15_str_inv	BOBJ1	5.85	After	Interior Girder 5	5.85	0.95	1	1	4.34675
HS15_str_inv	BOBJ1	5.85	After	Interior Girder 6	5.85	0.95	1	1	4.625958
HS15_str_inv	BOBJ1	5.85	After	Right Exterior Girder	5.85	0.95	1	1	6.584274
HS15_str_inv	BOBJ1	11.4667	Before	Left Exterior Girder	11.4667	0.95	1	1	3.636039
HS15_str_inv	BOBJ1	11.4667	Before	Interior Girder 1	11.4667	0.95	1	1	2.630962
HS15_str_inv	BOBJ1	11.4667	Before	Interior Girder 2	11.4667	0.95	1	1	2.474954
HS15_str_inv	BOBJ1	11.4667	Before	Interior Girder 3	11.4667	0.95	1	1	2.316301
HS15_str_inv	BOBJ1	11.4667	Before	Interior Girder 4	11.4667	0.95	1	1	2.316301
HS15_str_inv	BOBJ1	11.4667	Before	Interior Girder 5	11.4667	0.95	1	1	2.474954
HS15_str_inv	BOBJ1	11.4667	Before	Interior Girder 6	11.4667	0.95	1	1	2.630962
HS15_str_inv	BOBJ1	11.4667	Before	Right Exterior Girder	11.4667	0.95	1	1	3.636039
HS15_str_inv	BOBJ1	11.4667	After	Left Exterior Girder	11.4667	0.95	1	1	3.684729
HS15_str_inv	BOBJ1	11.4667	After	Interior Girder 1	11.4667	0.95	1	1	2.613076
HS15_str_inv	BOBJ1	11.4667	After	Interior Girder 2	11.4667	0.95	1	1	2.501628

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelINonCompStrgth-Flx - Approach, Span 12-1									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
HS15_str_inv	BOBJ1	11.4667	After	Interior Girder 3	11.4667	0.95	1	1	2.378744
HS15_str_inv	BOBJ1	11.4667	After	Interior Girder 4	11.4667	0.95	1	1	2.378744
HS15_str_inv	BOBJ1	11.4667	After	Interior Girder 5	11.4667	0.95	1	1	2.501628
HS15_str_inv	BOBJ1	11.4667	After	Interior Girder 6	11.4667	0.95	1	1	2.613076
HS15_str_inv	BOBJ1	11.4667	After	Right Exterior Girder	11.4667	0.95	1	1	3.684729
HS15_str_inv	BOBJ1	17.0833	Before	Left Exterior Girder	17.0833	0.95	1	1	2.779645
HS15_str_inv	BOBJ1	17.0833	Before	Interior Girder 1	17.0833	0.95	1	1	2.138737
HS15_str_inv	BOBJ1	17.0833	Before	Interior Girder 2	17.0833	0.95	1	1	2.036359
HS15_str_inv	BOBJ1	17.0833	Before	Interior Girder 3	17.0833	0.95	1	1	1.95899
HS15_str_inv	BOBJ1	17.0833	Before	Interior Girder 4	17.0833	0.95	1	1	1.95899
HS15_str_inv	BOBJ1	17.0833	Before	Interior Girder 5	17.0833	0.95	1	1	2.036359
HS15_str_inv	BOBJ1	17.0833	Before	Interior Girder 6	17.0833	0.95	1	1	2.138737
HS15_str_inv	BOBJ1	17.0833	Before	Right Exterior Girder	17.0833	0.95	1	1	2.779645
HS15_str_inv	BOBJ1	17.0833	After	Left Exterior Girder	17.0833	0.95	1	1	2.776791
HS15_str_inv	BOBJ1	17.0833	After	Interior Girder 1	17.0833	0.95	1	1	2.14451
HS15_str_inv	BOBJ1	17.0833	After	Interior Girder 2	17.0833	0.95	1	1	2.060679
HS15_str_inv	BOBJ1	17.0833	After	Interior Girder 3	17.0833	0.95	1	1	1.992369
HS15_str_inv	BOBJ1	17.0833	After	Interior Girder 4	17.0833	0.95	1	1	1.992369
HS15_str_inv	BOBJ1	17.0833	After	Interior Girder 5	17.0833	0.95	1	1	2.060679
HS15_str_inv	BOBJ1	17.0833	After	Interior Girder 6	17.0833	0.95	1	1	2.14451
HS15_str_inv	BOBJ1	17.0833	After	Right Exterior Girder	17.0833	0.95	1	1	2.776791
HS15_str_inv	BOBJ1	22.7	Before	Left Exterior Girder	22.7	0.95	1	1	2.453688
HS15_str_inv	BOBJ1	22.7	Before	Interior Girder 1	22.7	0.95	1	1	2.066432
HS15_str_inv	BOBJ1	22.7	Before	Interior Girder 2	22.7	0.95	1	1	1.978554
HS15_str_inv	BOBJ1	22.7	Before	Interior Girder 3	22.7	0.95	1	1	1.930742
HS15_str_inv	BOBJ1	22.7	Before	Interior Girder 4	22.7	0.95	1	1	1.930742
HS15_str_inv	BOBJ1	22.7	Before	Interior Girder 5	22.7	0.95	1	1	1.978554
HS15_str_inv	BOBJ1	22.7	Before	Interior Girder 6	22.7	0.95	1	1	2.066432
HS15_str_inv	BOBJ1	22.7	Before	Right Exterior Girder	22.7	0.95	1	1	2.453688
HS15_str_inv	BOBJ1	22.7	After	Left Exterior Girder	22.7	0.95	1	1	2.461017
HS15_str_inv	BOBJ1	22.7	After	Interior Girder 1	22.7	0.95	1	1	2.063841
HS15_str_inv	BOBJ1	22.7	After	Interior Girder 2	22.7	0.95	1	1	1.981595
HS15_str_inv	BOBJ1	22.7	After	Interior Girder 3	22.7	0.95	1	1	1.938719
HS15_str_inv	BOBJ1	22.7	After	Interior Girder 4	22.7	0.95	1	1	1.938719
HS15_str_inv	BOBJ1	22.7	After	Interior Girder 5	22.7	0.95	1	1	1.981595
HS15_str_inv	BOBJ1	22.7	After	Interior Girder 6	22.7	0.95	1	1	2.063841
HS15_str_inv	BOBJ1	22.7	After	Right Exterior Girder	22.7	0.95	1	1	2.461017
HS15_str_inv	BOBJ1	28.3167	Before	Left Exterior Girder	28.3167	0.95	1	1	2.699979
HS15_str_inv	BOBJ1	28.3167	Before	Interior Girder 1	28.3167	0.95	1	1	2.109332
HS15_str_inv	BOBJ1	28.3167	Before	Interior Girder 2	28.3167	0.95	1	1	2.019164
HS15_str_inv	BOBJ1	28.3167	Before	Interior Girder 3	28.3167	0.95	1	1	1.966782
HS15_str_inv	BOBJ1	28.3167	Before	Interior Girder 4	28.3167	0.95	1	1	1.966782
HS15_str_inv	BOBJ1	28.3167	Before	Interior Girder 5	28.3167	0.95	1	1	2.019164
HS15_str_inv	BOBJ1	28.3167	Before	Interior Girder 6	28.3167	0.95	1	1	2.109332
HS15_str_inv	BOBJ1	28.3167	Before	Right Exterior Girder	28.3167	0.95	1	1	2.699979
HS15_str_inv	BOBJ1	28.3167	After	Left Exterior Girder	28.3167	0.95	1	1	2.709527
HS15_str_inv	BOBJ1	28.3167	After	Interior Girder 1	28.3167	0.95	1	1	2.097434
HS15_str_inv	BOBJ1	28.3167	After	Interior Girder 2	28.3167	0.95	1	1	2.003913
HS15_str_inv	BOBJ1	28.3167	After	Interior Girder 3	28.3167	0.95	1	1	1.942104
HS15_str_inv	BOBJ1	28.3167	After	Interior Girder 4	28.3167	0.95	1	1	1.942104
HS15_str_inv	BOBJ1	28.3167	After	Interior Girder 5	28.3167	0.95	1	1	2.003913
HS15_str_inv	BOBJ1	28.3167	After	Interior Girder 6	28.3167	0.95	1	1	2.097434
HS15_str_inv	BOBJ1	28.3167	After	Right Exterior Girder	28.3167	0.95	1	1	2.709527
HS15_str_inv	BOBJ1	33.9333	Before	Left Exterior Girder	33.9333	0.95	1	1	3.29914
HS15_str_inv	BOBJ1	33.9333	Before	Interior Girder 1	33.9333	0.95	1	1	2.443161
HS15_str_inv	BOBJ1	33.9333	Before	Interior Girder 2	33.9333	0.95	1	1	2.330117
HS15_str_inv	BOBJ1	33.9333	Before	Interior Girder 3	33.9333	0.95	1	1	2.278295
HS15_str_inv	BOBJ1	33.9333	Before	Interior Girder 4	33.9333	0.95	1	1	2.278295
HS15_str_inv	BOBJ1	33.9333	Before	Interior Girder 5	33.9333	0.95	1	1	2.330117
HS15_str_inv	BOBJ1	33.9333	Before	Interior Girder 6	33.9333	0.95	1	1	2.443161
HS15_str_inv	BOBJ1	33.9333	Before	Right Exterior Girder	33.9333	0.95	1	1	3.29914
HS15_str_inv	BOBJ1	33.9333	After	Left Exterior Girder	33.9333	0.95	1	1	3.255017
HS15_str_inv	BOBJ1	33.9333	After	Interior Girder 1	33.9333	0.95	1	1	2.45945
HS15_str_inv	BOBJ1	33.9333	After	Interior Girder 2	33.9333	0.95	1	1	2.328448
HS15_str_inv	BOBJ1	33.9333	After	Interior Girder 3	33.9333	0.95	1	1	2.254032

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelINonCompStrgth-Flx - Approach, Span 12-1									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
HS15_str_inv	BOBJ1	33.9333	After	Interior Girder 4	33.9333	0.95	1	1	2.254032
HS15_str_inv	BOBJ1	33.9333	After	Interior Girder 5	33.9333	0.95	1	1	2.328448
HS15_str_inv	BOBJ1	33.9333	After	Interior Girder 6	33.9333	0.95	1	1	2.45945
HS15_str_inv	BOBJ1	33.9333	After	Right Exterior Girder	33.9333	0.95	1	1	3.255017
HS15_str_inv	BOBJ1	39.55	Before	Left Exterior Girder	39.55	0.95	1	1	4.57452
HS15_str_inv	BOBJ1	39.55	Before	Interior Girder 1	39.55	0.95	1	1	3.517363
HS15_str_inv	BOBJ1	39.55	Before	Interior Girder 2	39.55	0.95	1	1	3.262744
HS15_str_inv	BOBJ1	39.55	Before	Interior Girder 3	39.55	0.95	1	1	3.204751
HS15_str_inv	BOBJ1	39.55	Before	Interior Girder 4	39.55	0.95	1	1	3.204751
HS15_str_inv	BOBJ1	39.55	Before	Interior Girder 5	39.55	0.95	1	1	3.262744
HS15_str_inv	BOBJ1	39.55	Before	Interior Girder 6	39.55	0.95	1	1	3.517363
HS15_str_inv	BOBJ1	39.55	Before	Right Exterior Girder	39.55	0.95	1	1	4.57452
HS15_str_inv	BOBJ1	39.55	After	Left Exterior Girder	39.55	0.95	1	1	4.547574
HS15_str_inv	BOBJ1	39.55	After	Interior Girder 1	39.55	0.95	1	1	3.523244
HS15_str_inv	BOBJ1	39.55	After	Interior Girder 2	39.55	0.95	1	1	3.242004
HS15_str_inv	BOBJ1	39.55	After	Interior Girder 3	39.55	0.95	1	1	3.147108
HS15_str_inv	BOBJ1	39.55	After	Interior Girder 4	39.55	0.95	1	1	3.147108
HS15_str_inv	BOBJ1	39.55	After	Interior Girder 5	39.55	0.95	1	1	3.242004
HS15_str_inv	BOBJ1	39.55	After	Interior Girder 6	39.55	0.95	1	1	3.523244
HS15_str_inv	BOBJ1	39.55	After	Right Exterior Girder	39.55	0.95	1	1	4.547574
HS15_str_inv	BOBJ1	45.1733	Before	Left Exterior Girder	45.1226	0.95	1	1	4.447353
HS15_str_inv	BOBJ1	45.1733	Before	Interior Girder 1	45.1226	0.95	1	1	4.606394
HS15_str_inv	BOBJ1	45.1733	Before	Interior Girder 2	45.1226	0.95	1	1	4.42819
HS15_str_inv	BOBJ1	45.1733	Before	Interior Girder 3	45.1226	0.95	1	1	4.492927
HS15_str_inv	BOBJ1	45.1733	Before	Interior Girder 4	45.1226	0.95	1	1	4.492927
HS15_str_inv	BOBJ1	45.1733	Before	Interior Girder 5	45.1226	0.95	1	1	4.42819
HS15_str_inv	BOBJ1	45.1733	Before	Interior Girder 6	45.1226	0.95	1	1	4.606394
HS15_str_inv	BOBJ1	45.1733	Before	Right Exterior Girder	45.1226	0.95	1	1	4.447353
HS15_str_inv	BOBJ1	45.1733	After	Left Exterior Girder	45.1226	0.95	1	1	3.557678
HS15_str_inv	BOBJ1	45.1733	After	Interior Girder 1	45.1226	0.95	1	1	3.676321
HS15_str_inv	BOBJ1	45.1733	After	Interior Girder 2	45.1226	0.95	1	1	3.517826
HS15_str_inv	BOBJ1	45.1733	After	Interior Girder 3	45.1226	0.95	1	1	3.590169
HS15_str_inv	BOBJ1	45.1733	After	Interior Girder 4	45.1226	0.95	1	1	3.590169
HS15_str_inv	BOBJ1	45.1733	After	Interior Girder 5	45.1226	0.95	1	1	3.517826
HS15_str_inv	BOBJ1	45.1733	After	Interior Girder 6	45.1226	0.95	1	1	3.676321
HS15_str_inv	BOBJ1	45.1733	After	Right Exterior Girder	45.1226	0.95	1	1	3.557678
HS15_str_inv	BOBJ1	49.2561	Before	Left Exterior Girder	49.2561	0.95	1	1	2.514449
HS15_str_inv	BOBJ1	49.2561	Before	Right Exterior Girder	49.2561	0.95	1	1	2.514449
HS15_str_inv	BOBJ1	49.2561	After	Left Exterior Girder	49.2561	0.95	1	1	2.555483
HS15_str_inv	BOBJ1	49.2561	After	Right Exterior Girder	49.2561	0.95	1	1	2.555483
HS15_str_inv	BOBJ1	50.7967	Before	Left Exterior Girder	50.7967	0.95	1	1	5.353127
HS15_str_inv	BOBJ1	50.7967	Before	Interior Girder 1	50.7967	0.95	1	1	2.593249
HS15_str_inv	BOBJ1	50.7967	Before	Interior Girder 2	50.7967	0.95	1	1	2.485296
HS15_str_inv	BOBJ1	50.7967	Before	Interior Girder 3	50.7967	0.95	1	1	2.35892
HS15_str_inv	BOBJ1	50.7967	Before	Interior Girder 4	50.7967	0.95	1	1	2.35892
HS15_str_inv	BOBJ1	50.7967	Before	Interior Girder 5	50.7967	0.95	1	1	2.485296
HS15_str_inv	BOBJ1	50.7967	Before	Interior Girder 6	50.7967	0.95	1	1	2.593249
HS15_str_inv	BOBJ1	50.7967	Before	Right Exterior Girder	50.7967	0.95	1	1	5.353127
HS15_str_inv	BOBJ1	50.7967	After	Left Exterior Girder	50.7967	0.95	1	1	5.320049
HS15_str_inv	BOBJ1	50.7967	After	Interior Girder 1	50.7967	0.95	1	1	2.586599
HS15_str_inv	BOBJ1	50.7967	After	Interior Girder 2	50.7967	0.95	1	1	2.466256
HS15_str_inv	BOBJ1	50.7967	After	Interior Girder 3	50.7967	0.95	1	1	2.351421
HS15_str_inv	BOBJ1	50.7967	After	Interior Girder 4	50.7967	0.95	1	1	2.351421
HS15_str_inv	BOBJ1	50.7967	After	Interior Girder 5	50.7967	0.95	1	1	2.466256
HS15_str_inv	BOBJ1	50.7967	After	Interior Girder 6	50.7967	0.95	1	1	2.586599
HS15_str_inv	BOBJ1	50.7967	After	Right Exterior Girder	50.7967	0.95	1	1	5.320049
HS15_str_inv	BOBJ1	51.3989	Before	Interior Girder 1	51.3989	0.95	1	1	2.461519
HS15_str_inv	BOBJ1	51.3989	Before	Interior Girder 2	51.3989	0.95	1	1	2.365896
HS15_str_inv	BOBJ1	51.3989	Before	Interior Girder 3	51.3989	0.95	1	1	2.232353
HS15_str_inv	BOBJ1	51.3989	Before	Interior Girder 4	51.3989	0.95	1	1	2.232353
HS15_str_inv	BOBJ1	51.3989	Before	Interior Girder 5	51.3989	0.95	1	1	2.365896
HS15_str_inv	BOBJ1	51.3989	Before	Interior Girder 6	51.3989	0.95	1	1	2.461519
HS15_str_inv	BOBJ1	51.3989	After	Interior Girder 1	51.3989	0.95	1	1	3.762486
HS15_str_inv	BOBJ1	51.3989	After	Interior Girder 2	51.3989	0.95	1	1	3.570325
HS15_str_inv	BOBJ1	51.3989	After	Interior Girder 3	51.3989	0.95	1	1	3.415889

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelINonCompStrgth-Flx - Approach, Span 12-1									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
HS15_str_inv	BOBJ1	51.3989	After	Interior Girder 4	51.3989	0.95	1	1	3.415889
HS15_str_inv	BOBJ1	51.3989	After	Interior Girder 5	51.3989	0.95	1	1	3.570325
HS15_str_inv	BOBJ1	51.3989	After	Interior Girder 6	51.3989	0.95	1	1	3.762486
HS15_str_inv	BOBJ1	56.42	Before	Left Exterior Girder	56.42	0.95	1	1	3.707822
HS15_str_inv	BOBJ1	56.42	Before	Interior Girder 1	56.42	0.95	1	1	2.629781
HS15_str_inv	BOBJ1	56.42	Before	Interior Girder 2	56.42	0.95	1	1	2.485456
HS15_str_inv	BOBJ1	56.42	Before	Interior Girder 3	56.42	0.95	1	1	2.083428
HS15_str_inv	BOBJ1	56.42	Before	Interior Girder 4	56.42	0.95	1	1	2.083428
HS15_str_inv	BOBJ1	56.42	Before	Interior Girder 5	56.42	0.95	1	1	2.485456
HS15_str_inv	BOBJ1	56.42	Before	Interior Girder 6	56.42	0.95	1	1	2.629781
HS15_str_inv	BOBJ1	56.42	Before	Right Exterior Girder	56.42	0.95	1	1	3.707822
HS15_str_inv	BOBJ1	56.42	After	Left Exterior Girder	0	0.95	1	1	3.800064
HS15_str_inv	BOBJ1	56.42	After	Interior Girder 1	0	0.95	1	1	2.431472
HS15_str_inv	BOBJ1	56.42	After	Interior Girder 2	0	0.95	1	1	2.331433
HS15_str_inv	BOBJ1	56.42	After	Interior Girder 3	0	0.95	1	1	1.964591
HS15_str_inv	BOBJ1	56.42	After	Interior Girder 4	0	0.95	1	1	1.964591
HS15_str_inv	BOBJ1	56.42	After	Interior Girder 5	0	0.95	1	1	2.331433
HS15_str_inv	BOBJ1	56.42	After	Interior Girder 6	0	0.95	1	1	2.431472
HS15_str_inv	BOBJ1	56.42	After	Right Exterior Girder	0	0.95	1	1	3.800064
HS15_str_inv	BOBJ1	62.0367	Before	Left Exterior Girder	5.6167	0.95	1	1	6.83787
HS15_str_inv	BOBJ1	62.0367	Before	Interior Girder 1	5.6167	0.95	1	1	4.750901
HS15_str_inv	BOBJ1	62.0367	Before	Interior Girder 2	5.6167	0.95	1	1	4.417701
HS15_str_inv	BOBJ1	62.0367	Before	Interior Girder 3	5.6167	0.95	1	1	4.130795
HS15_str_inv	BOBJ1	62.0367	Before	Interior Girder 4	5.6167	0.95	1	1	4.130795
HS15_str_inv	BOBJ1	62.0367	Before	Interior Girder 5	5.6167	0.95	1	1	4.417701
HS15_str_inv	BOBJ1	62.0367	Before	Interior Girder 6	5.6167	0.95	1	1	4.750901
HS15_str_inv	BOBJ1	62.0367	Before	Right Exterior Girder	5.6167	0.95	1	1	6.83787
HS15_str_inv	BOBJ1	62.0367	After	Left Exterior Girder	5.6167	0.95	1	1	6.76077
HS15_str_inv	BOBJ1	62.0367	After	Interior Girder 1	5.6167	0.95	1	1	4.837675
HS15_str_inv	BOBJ1	62.0367	After	Interior Girder 2	5.6167	0.95	1	1	4.496429
HS15_str_inv	BOBJ1	62.0367	After	Interior Girder 3	5.6167	0.95	1	1	4.207989
HS15_str_inv	BOBJ1	62.0367	After	Interior Girder 4	5.6167	0.95	1	1	4.207989
HS15_str_inv	BOBJ1	62.0367	After	Interior Girder 5	5.6167	0.95	1	1	4.496429
HS15_str_inv	BOBJ1	62.0367	After	Interior Girder 6	5.6167	0.95	1	1	4.837675
HS15_str_inv	BOBJ1	62.0367	After	Right Exterior Girder	5.6167	0.95	1	1	6.76077
HS15_str_inv	BOBJ1	62.4203	Before	Interior Girder 1	6.0003	0.95	1	1	4.946697
HS15_str_inv	BOBJ1	62.4203	Before	Interior Girder 2	6.0003	0.95	1	1	4.587852
HS15_str_inv	BOBJ1	62.4203	Before	Interior Girder 3	6.0003	0.95	1	1	4.318536
HS15_str_inv	BOBJ1	62.4203	Before	Interior Girder 4	6.0003	0.95	1	1	4.318536
HS15_str_inv	BOBJ1	62.4203	Before	Interior Girder 5	6.0003	0.95	1	1	4.587852
HS15_str_inv	BOBJ1	62.4203	Before	Interior Girder 6	6.0003	0.95	1	1	4.946697
HS15_str_inv	BOBJ1	62.4203	After	Interior Girder 1	6.0003	0.95	1	1	3.244334
HS15_str_inv	BOBJ1	62.4203	After	Interior Girder 2	6.0003	0.95	1	1	3.05849
HS15_str_inv	BOBJ1	62.4203	After	Interior Girder 3	6.0003	0.95	1	1	2.834532
HS15_str_inv	BOBJ1	62.4203	After	Interior Girder 4	6.0003	0.95	1	1	2.834532
HS15_str_inv	BOBJ1	62.4203	After	Interior Girder 5	6.0003	0.95	1	1	3.05849
HS15_str_inv	BOBJ1	62.4203	After	Interior Girder 6	6.0003	0.95	1	1	3.244334
HS15_str_inv	BOBJ1	64.9204	Before	Left Exterior Girder	8.5004	0.95	1	1	7.848663
HS15_str_inv	BOBJ1	64.9204	Before	Right Exterior Girder	8.5004	0.95	1	1	7.848663
HS15_str_inv	BOBJ1	64.9204	After	Left Exterior Girder	8.5004	0.95	1	1	3.545568
HS15_str_inv	BOBJ1	64.9204	After	Right Exterior Girder	8.5004	0.95	1	1	3.545568
HS15_str_inv	BOBJ1	67.6533	Before	Left Exterior Girder	11.2333	0.95	1	1	4.4187
HS15_str_inv	BOBJ1	67.6533	Before	Interior Girder 1	11.2333	0.95	1	1	4.487
HS15_str_inv	BOBJ1	67.6533	Before	Interior Girder 2	11.2333	0.95	1	1	4.221821
HS15_str_inv	BOBJ1	67.6533	Before	Interior Girder 3	11.2333	0.95	1	1	4.215182
HS15_str_inv	BOBJ1	67.6533	Before	Interior Girder 4	11.2333	0.95	1	1	4.215182
HS15_str_inv	BOBJ1	67.6533	Before	Interior Girder 5	11.2333	0.95	1	1	4.221821
HS15_str_inv	BOBJ1	67.6533	Before	Interior Girder 6	11.2333	0.95	1	1	4.487
HS15_str_inv	BOBJ1	67.6533	Before	Right Exterior Girder	11.2333	0.95	1	1	4.4187
HS15_str_inv	BOBJ1	67.6533	After	Left Exterior Girder	11.2333	0.95	1	1	4.372123
HS15_str_inv	BOBJ1	67.6533	After	Interior Girder 1	11.2333	0.95	1	1	4.529542
HS15_str_inv	BOBJ1	67.6533	After	Interior Girder 2	11.2333	0.95	1	1	4.284563
HS15_str_inv	BOBJ1	67.6533	After	Interior Girder 3	11.2333	0.95	1	1	4.25738
HS15_str_inv	BOBJ1	67.6533	After	Interior Girder 4	11.2333	0.95	1	1	4.25738
HS15_str_inv	BOBJ1	67.6533	After	Interior Girder 5	11.2333	0.95	1	1	4.284563

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelINonCompStrgth-Flx - Approach, Span 12-1									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
HS15_str_inv	BOBJ1	67.6533	After	Interior Girder 6	11.2333	0.95	1	1	4.529542
HS15_str_inv	BOBJ1	67.6533	After	Right Exterior Girder	11.2333	0.95	1	1	4.372123
HS15_str_inv	BOBJ1	73.27	Before	Left Exterior Girder	16.85	0.95	1	1	4.484232
HS15_str_inv	BOBJ1	73.27	Before	Interior Girder 1	16.85	0.95	1	1	3.462035
HS15_str_inv	BOBJ1	73.27	Before	Interior Girder 2	16.85	0.95	1	1	3.147866
HS15_str_inv	BOBJ1	73.27	Before	Interior Girder 3	16.85	0.95	1	1	3.028019
HS15_str_inv	BOBJ1	73.27	Before	Interior Girder 4	16.85	0.95	1	1	3.028019
HS15_str_inv	BOBJ1	73.27	Before	Interior Girder 5	16.85	0.95	1	1	3.147866
HS15_str_inv	BOBJ1	73.27	Before	Interior Girder 6	16.85	0.95	1	1	3.462035
HS15_str_inv	BOBJ1	73.27	Before	Right Exterior Girder	16.85	0.95	1	1	4.484232
HS15_str_inv	BOBJ1	73.27	After	Left Exterior Girder	16.85	0.95	1	1	4.562455
HS15_str_inv	BOBJ1	73.27	After	Interior Girder 1	16.85	0.95	1	1	3.428888
HS15_str_inv	BOBJ1	73.27	After	Interior Girder 2	16.85	0.95	1	1	3.150427
HS15_str_inv	BOBJ1	73.27	After	Interior Girder 3	16.85	0.95	1	1	3.066766
HS15_str_inv	BOBJ1	73.27	After	Interior Girder 4	16.85	0.95	1	1	3.066766
HS15_str_inv	BOBJ1	73.27	After	Interior Girder 5	16.85	0.95	1	1	3.150427
HS15_str_inv	BOBJ1	73.27	After	Interior Girder 6	16.85	0.95	1	1	3.428888
HS15_str_inv	BOBJ1	73.27	After	Right Exterior Girder	16.85	0.95	1	1	4.562455
HS15_str_inv	BOBJ1	78.8867	Before	Left Exterior Girder	22.4667	0.95	1	1	3.026057
HS15_str_inv	BOBJ1	78.8867	Before	Interior Girder 1	22.4667	0.95	1	1	2.314544
HS15_str_inv	BOBJ1	78.8867	Before	Interior Girder 2	22.4667	0.95	1	1	2.182936
HS15_str_inv	BOBJ1	78.8867	Before	Interior Girder 3	22.4667	0.95	1	1	2.099068
HS15_str_inv	BOBJ1	78.8867	Before	Interior Girder 4	22.4667	0.95	1	1	2.099068
HS15_str_inv	BOBJ1	78.8867	Before	Interior Girder 5	22.4667	0.95	1	1	2.182936
HS15_str_inv	BOBJ1	78.8867	Before	Interior Girder 6	22.4667	0.95	1	1	2.314544
HS15_str_inv	BOBJ1	78.8867	Before	Right Exterior Girder	22.4667	0.95	1	1	3.026057
HS15_str_inv	BOBJ1	78.8867	After	Left Exterior Girder	22.4667	0.95	1	1	3.080282
HS15_str_inv	BOBJ1	78.8867	After	Interior Girder 1	22.4667	0.95	1	1	2.293407
HS15_str_inv	BOBJ1	78.8867	After	Interior Girder 2	22.4667	0.95	1	1	2.17908
HS15_str_inv	BOBJ1	78.8867	After	Interior Girder 3	22.4667	0.95	1	1	2.120148
HS15_str_inv	BOBJ1	78.8867	After	Interior Girder 4	22.4667	0.95	1	1	2.120148
HS15_str_inv	BOBJ1	78.8867	After	Interior Girder 5	22.4667	0.95	1	1	2.17908
HS15_str_inv	BOBJ1	78.8867	After	Interior Girder 6	22.4667	0.95	1	1	2.293407
HS15_str_inv	BOBJ1	78.8867	After	Right Exterior Girder	22.4667	0.95	1	1	3.080282
HS15_str_inv	BOBJ1	84.5033	Before	Left Exterior Girder	28.0833	0.95	1	1	2.390528
HS15_str_inv	BOBJ1	84.5033	Before	Interior Girder 1	28.0833	0.95	1	1	1.921241
HS15_str_inv	BOBJ1	84.5033	Before	Interior Girder 2	28.0833	0.95	1	1	1.835456
HS15_str_inv	BOBJ1	84.5033	Before	Interior Girder 3	28.0833	0.95	1	1	1.782157
HS15_str_inv	BOBJ1	84.5033	Before	Interior Girder 4	28.0833	0.95	1	1	1.782157
HS15_str_inv	BOBJ1	84.5033	Before	Interior Girder 5	28.0833	0.95	1	1	1.835456
HS15_str_inv	BOBJ1	84.5033	Before	Interior Girder 6	28.0833	0.95	1	1	1.921241
HS15_str_inv	BOBJ1	84.5033	Before	Right Exterior Girder	28.0833	0.95	1	1	2.390528
HS15_str_inv	BOBJ1	84.5033	After	Left Exterior Girder	28.0833	0.95	1	1	2.391616
HS15_str_inv	BOBJ1	84.5033	After	Interior Girder 1	28.0833	0.95	1	1	1.928148
HS15_str_inv	BOBJ1	84.5033	After	Interior Girder 2	28.0833	0.95	1	1	1.847198
HS15_str_inv	BOBJ1	84.5033	After	Interior Girder 3	28.0833	0.95	1	1	1.803201
HS15_str_inv	BOBJ1	84.5033	After	Interior Girder 4	28.0833	0.95	1	1	1.803201
HS15_str_inv	BOBJ1	84.5033	After	Interior Girder 5	28.0833	0.95	1	1	1.847198
HS15_str_inv	BOBJ1	84.5033	After	Interior Girder 6	28.0833	0.95	1	1	1.928148
HS15_str_inv	BOBJ1	84.5033	After	Right Exterior Girder	28.0833	0.95	1	1	2.391616
HS15_str_inv	BOBJ1	90.12	Before	Left Exterior Girder	33.7	0.95	1	1	2.146084
HS15_str_inv	BOBJ1	90.12	Before	Interior Girder 1	33.7	0.95	1	1	1.902236
HS15_str_inv	BOBJ1	90.12	Before	Interior Girder 2	33.7	0.95	1	1	1.820768
HS15_str_inv	BOBJ1	90.12	Before	Interior Girder 3	33.7	0.95	1	1	1.777906
HS15_str_inv	BOBJ1	90.12	Before	Interior Girder 4	33.7	0.95	1	1	1.777906
HS15_str_inv	BOBJ1	90.12	Before	Interior Girder 5	33.7	0.95	1	1	1.820768
HS15_str_inv	BOBJ1	90.12	Before	Interior Girder 6	33.7	0.95	1	1	1.902236
HS15_str_inv	BOBJ1	90.12	Before	Right Exterior Girder	33.7	0.95	1	1	2.146084
HS15_str_inv	BOBJ1	90.12	After	Left Exterior Girder	33.7	0.95	1	1	2.15147
HS15_str_inv	BOBJ1	90.12	After	Interior Girder 1	33.7	0.95	1	1	1.897681
HS15_str_inv	BOBJ1	90.12	After	Interior Girder 2	33.7	0.95	1	1	1.818278
HS15_str_inv	BOBJ1	90.12	After	Interior Girder 3	33.7	0.95	1	1	1.775346
HS15_str_inv	BOBJ1	90.12	After	Interior Girder 4	33.7	0.95	1	1	1.775346
HS15_str_inv	BOBJ1	90.12	After	Interior Girder 5	33.7	0.95	1	1	1.818278
HS15_str_inv	BOBJ1	90.12	After	Interior Girder 6	33.7	0.95	1	1	1.897681

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelINonCompStrgth-Flx - Approach, Span 12-1									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
HS15_str_inv	BOBJ1	90.12	After	Right Exterior Girder	33.7	0.95	1	1	2.15147
HS15_str_inv	BOBJ1	95.7367	Before	Left Exterior Girder	39.3167	0.95	1	1	2.371723
HS15_str_inv	BOBJ1	95.7367	Before	Interior Girder 1	39.3167	0.95	1	1	1.916218
HS15_str_inv	BOBJ1	95.7367	Before	Interior Girder 2	39.3167	0.95	1	1	1.836397
HS15_str_inv	BOBJ1	95.7367	Before	Interior Girder 3	39.3167	0.95	1	1	1.79385
HS15_str_inv	BOBJ1	95.7367	Before	Interior Girder 4	39.3167	0.95	1	1	1.79385
HS15_str_inv	BOBJ1	95.7367	Before	Interior Girder 5	39.3167	0.95	1	1	1.836397
HS15_str_inv	BOBJ1	95.7367	Before	Interior Girder 6	39.3167	0.95	1	1	1.916218
HS15_str_inv	BOBJ1	95.7367	Before	Right Exterior Girder	39.3167	0.95	1	1	2.371723
HS15_str_inv	BOBJ1	95.7367	After	Left Exterior Girder	39.3167	0.95	1	1	2.371602
HS15_str_inv	BOBJ1	95.7367	After	Interior Girder 1	39.3167	0.95	1	1	1.908533
HS15_str_inv	BOBJ1	95.7367	After	Interior Girder 2	39.3167	0.95	1	1	1.824781
HS15_str_inv	BOBJ1	95.7367	After	Interior Girder 3	39.3167	0.95	1	1	1.773517
HS15_str_inv	BOBJ1	95.7367	After	Interior Girder 4	39.3167	0.95	1	1	1.773517
HS15_str_inv	BOBJ1	95.7367	After	Interior Girder 5	39.3167	0.95	1	1	1.824781
HS15_str_inv	BOBJ1	95.7367	After	Interior Girder 6	39.3167	0.95	1	1	1.908533
HS15_str_inv	BOBJ1	95.7367	After	Right Exterior Girder	39.3167	0.95	1	1	2.371602
HS15_str_inv	BOBJ1	101.3533	Before	Left Exterior Girder	44.9333	0.95	1	1	3.008387
HS15_str_inv	BOBJ1	101.3533	Before	Interior Girder 1	44.9333	0.95	1	1	2.265734
HS15_str_inv	BOBJ1	101.3533	Before	Interior Girder 2	44.9333	0.95	1	1	2.153531
HS15_str_inv	BOBJ1	101.3533	Before	Interior Girder 3	44.9333	0.95	1	1	2.100832
HS15_str_inv	BOBJ1	101.3533	Before	Interior Girder 4	44.9333	0.95	1	1	2.100832
HS15_str_inv	BOBJ1	101.3533	Before	Interior Girder 5	44.9333	0.95	1	1	2.153531
HS15_str_inv	BOBJ1	101.3533	Before	Interior Girder 6	44.9333	0.95	1	1	2.265734
HS15_str_inv	BOBJ1	101.3533	Before	Right Exterior Girder	44.9333	0.95	1	1	3.008387
HS15_str_inv	BOBJ1	101.3533	After	Left Exterior Girder	44.9333	0.95	1	1	2.957398
HS15_str_inv	BOBJ1	101.3533	After	Interior Girder 1	44.9333	0.95	1	1	2.285662
HS15_str_inv	BOBJ1	101.3533	After	Interior Girder 2	44.9333	0.95	1	1	2.158211
HS15_str_inv	BOBJ1	101.3533	After	Interior Girder 3	44.9333	0.95	1	1	2.081185
HS15_str_inv	BOBJ1	101.3533	After	Interior Girder 4	44.9333	0.95	1	1	2.081185
HS15_str_inv	BOBJ1	101.3533	After	Interior Girder 5	44.9333	0.95	1	1	2.158211
HS15_str_inv	BOBJ1	101.3533	After	Interior Girder 6	44.9333	0.95	1	1	2.285662
HS15_str_inv	BOBJ1	101.3533	After	Right Exterior Girder	44.9333	0.95	1	1	2.957398
HS15_str_inv	BOBJ1	106.97	Before	Left Exterior Girder	50.55	0.95	1	1	4.354719
HS15_str_inv	BOBJ1	106.97	Before	Interior Girder 1	50.55	0.95	1	1	3.356632
HS15_str_inv	BOBJ1	106.97	Before	Interior Girder 2	50.55	0.95	1	1	3.083051
HS15_str_inv	BOBJ1	106.97	Before	Interior Girder 3	50.55	0.95	1	1	3.014717
HS15_str_inv	BOBJ1	106.97	Before	Interior Girder 4	50.55	0.95	1	1	3.014717
HS15_str_inv	BOBJ1	106.97	Before	Interior Girder 5	50.55	0.95	1	1	3.083051
HS15_str_inv	BOBJ1	106.97	Before	Interior Girder 6	50.55	0.95	1	1	3.356632
HS15_str_inv	BOBJ1	106.97	Before	Right Exterior Girder	50.55	0.95	1	1	4.354719
HS15_str_inv	BOBJ1	106.97	After	Left Exterior Girder	50.55	0.95	1	1	4.317715
HS15_str_inv	BOBJ1	106.97	After	Interior Girder 1	50.55	0.95	1	1	3.364366
HS15_str_inv	BOBJ1	106.97	After	Interior Girder 2	50.55	0.95	1	1	3.069859
HS15_str_inv	BOBJ1	106.97	After	Interior Girder 3	50.55	0.95	1	1	2.96828
HS15_str_inv	BOBJ1	106.97	After	Interior Girder 4	50.55	0.95	1	1	2.96828
HS15_str_inv	BOBJ1	106.97	After	Interior Girder 5	50.55	0.95	1	1	3.069859
HS15_str_inv	BOBJ1	106.97	After	Interior Girder 6	50.55	0.95	1	1	3.364366
HS15_str_inv	BOBJ1	106.97	After	Right Exterior Girder	50.55	0.95	1	1	4.317715
HS15_str_inv	BOBJ1	112.5933	Before	Left Exterior Girder	56.1733	0.95	1	1	3.62136
HS15_str_inv	BOBJ1	112.5933	Before	Interior Girder 1	56.1733	0.95	1	1	3.827584
HS15_str_inv	BOBJ1	112.5933	Before	Interior Girder 2	56.1733	0.95	1	1	3.657975
HS15_str_inv	BOBJ1	112.5933	Before	Interior Girder 3	56.1733	0.95	1	1	3.685522
HS15_str_inv	BOBJ1	112.5933	Before	Interior Girder 4	56.1733	0.95	1	1	3.685522
HS15_str_inv	BOBJ1	112.5933	Before	Interior Girder 5	56.1733	0.95	1	1	3.657975
HS15_str_inv	BOBJ1	112.5933	Before	Interior Girder 6	56.1733	0.95	1	1	3.827584
HS15_str_inv	BOBJ1	112.5933	Before	Right Exterior Girder	56.1733	0.95	1	1	3.62136
HS15_str_inv	BOBJ1	112.5933	After	Left Exterior Girder	56.1733	0.95	1	1	3.657483
HS15_str_inv	BOBJ1	112.5933	After	Interior Girder 1	56.1733	0.95	1	1	3.799256
HS15_str_inv	BOBJ1	112.5933	After	Interior Girder 2	56.1733	0.95	1	1	3.617054
HS15_str_inv	BOBJ1	112.5933	After	Interior Girder 3	56.1733	0.95	1	1	3.65827
HS15_str_inv	BOBJ1	112.5933	After	Interior Girder 4	56.1733	0.95	1	1	3.65827
HS15_str_inv	BOBJ1	112.5933	After	Interior Girder 5	56.1733	0.95	1	1	3.617054
HS15_str_inv	BOBJ1	112.5933	After	Interior Girder 6	56.1733	0.95	1	1	3.799256
HS15_str_inv	BOBJ1	112.5933	After	Right Exterior Girder	56.1733	0.95	1	1	3.657483

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelINonCompStrgth-Flx - Approach, Span 12-1									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
HS15_str_inv	BOBJ1	115.3396	Before	Left Exterior Girder	58.9196	0.95	1	1	2.919363
HS15_str_inv	BOBJ1	115.3396	Before	Right Exterior Girder	58.9196	0.95	1	1	2.919363
HS15_str_inv	BOBJ1	115.3396	After	Left Exterior Girder	58.9196	0.95	1	1	6.512996
HS15_str_inv	BOBJ1	115.3396	After	Right Exterior Girder	58.9196	0.95	1	1	6.512996
HS15_str_inv	BOBJ1	118.2167	Before	Left Exterior Girder	61.7967	0.95	1	1	5.607819
HS15_str_inv	BOBJ1	118.2167	Before	Interior Girder 1	61.9198	0.95	1	1	2.642606
HS15_str_inv	BOBJ1	118.2167	Before	Interior Girder 2	61.9198	0.95	1	1	2.542541
HS15_str_inv	BOBJ1	118.2167	Before	Interior Girder 3	61.9198	0.95	1	1	2.385087
HS15_str_inv	BOBJ1	118.2167	Before	Interior Girder 4	61.9198	0.95	1	1	2.385087
HS15_str_inv	BOBJ1	118.2167	Before	Interior Girder 5	61.9198	0.95	1	1	2.542541
HS15_str_inv	BOBJ1	118.2167	Before	Interior Girder 6	61.9198	0.95	1	1	2.642606
HS15_str_inv	BOBJ1	118.2167	Before	Right Exterior Girder	61.7967	0.95	1	1	5.607819
HS15_str_inv	BOBJ1	118.2167	After	Left Exterior Girder	61.7967	0.95	1	1	5.615824
HS15_str_inv	BOBJ1	118.2167	After	Interior Girder 1	61.9198	0.95	1	1	4.069008
HS15_str_inv	BOBJ1	118.2167	After	Interior Girder 2	61.9198	0.95	1	1	3.810076
HS15_str_inv	BOBJ1	118.2167	After	Interior Girder 3	61.9198	0.95	1	1	3.632504
HS15_str_inv	BOBJ1	118.2167	After	Interior Girder 4	61.9198	0.95	1	1	3.632504
HS15_str_inv	BOBJ1	118.2167	After	Interior Girder 5	61.9198	0.95	1	1	3.810076
HS15_str_inv	BOBJ1	118.2167	After	Interior Girder 6	61.9198	0.95	1	1	4.069008
HS15_str_inv	BOBJ1	118.2167	After	Right Exterior Girder	61.7967	0.95	1	1	5.615824
HS15_str_inv	BOBJ1	123.84	Before	Left Exterior Girder	67.42	0.95	1	1	3.836102
HS15_str_inv	BOBJ1	123.84	Before	Interior Girder 1	67.42	0.95	1	1	2.548707
HS15_str_inv	BOBJ1	123.84	Before	Interior Girder 2	67.42	0.95	1	1	2.374977
HS15_str_inv	BOBJ1	123.84	Before	Interior Girder 3	67.42	0.95	1	1	1.964948
HS15_str_inv	BOBJ1	123.84	Before	Interior Girder 4	67.42	0.95	1	1	1.964948
HS15_str_inv	BOBJ1	123.84	Before	Interior Girder 5	67.42	0.95	1	1	2.374977
HS15_str_inv	BOBJ1	123.84	Before	Interior Girder 6	67.42	0.95	1	1	2.548707
HS15_str_inv	BOBJ1	123.84	Before	Right Exterior Girder	67.42	0.95	1	1	3.836102
HS15_str_inv	BOBJ1	123.84	After	Left Exterior Girder	0	0.95	1	1	4.099294
HS15_str_inv	BOBJ1	123.84	After	Interior Girder 1	0	0.95	1	1	2.747239
HS15_str_inv	BOBJ1	123.84	After	Interior Girder 2	0	0.95	1	1	2.574839
HS15_str_inv	BOBJ1	123.84	After	Interior Girder 3	0	0.95	1	1	2.135093
HS15_str_inv	BOBJ1	123.84	After	Interior Girder 4	0	0.95	1	1	2.135093
HS15_str_inv	BOBJ1	123.84	After	Interior Girder 5	0	0.95	1	1	2.574839
HS15_str_inv	BOBJ1	123.84	After	Interior Girder 6	0	0.95	1	1	2.747239
HS15_str_inv	BOBJ1	123.84	After	Right Exterior Girder	0	0.95	1	1	4.099294
HS15_str_inv	BOBJ1	129.34	Before	Interior Girder 1	5.5	0.95	1	1	4.348726
HS15_str_inv	BOBJ1	129.34	Before	Interior Girder 2	5.5	0.95	1	1	4.091482
HS15_str_inv	BOBJ1	129.34	Before	Interior Girder 3	5.5	0.95	1	1	3.909141
HS15_str_inv	BOBJ1	129.34	Before	Interior Girder 4	5.5	0.95	1	1	3.909141
HS15_str_inv	BOBJ1	129.34	Before	Interior Girder 5	5.5	0.95	1	1	4.091482
HS15_str_inv	BOBJ1	129.34	Before	Interior Girder 6	5.5	0.95	1	1	4.348726
HS15_str_inv	BOBJ1	129.34	After	Interior Girder 1	5.5	0.95	1	1	2.873788
HS15_str_inv	BOBJ1	129.34	After	Interior Girder 2	5.5	0.95	1	1	2.732253
HS15_str_inv	BOBJ1	129.34	After	Interior Girder 3	5.5	0.95	1	1	2.580123
HS15_str_inv	BOBJ1	129.34	After	Interior Girder 4	5.5	0.95	1	1	2.580123
HS15_str_inv	BOBJ1	129.34	After	Interior Girder 5	5.5	0.95	1	1	2.732253
HS15_str_inv	BOBJ1	129.34	After	Interior Girder 6	5.5	0.95	1	1	2.873788
HS15_str_inv	BOBJ1	130.79	Before	Left Exterior Girder	6.95	0.95	1	1	6.409509
HS15_str_inv	BOBJ1	130.79	Before	Interior Girder 1	6.95	0.95	1	1	3.192314
HS15_str_inv	BOBJ1	130.79	Before	Interior Girder 2	6.95	0.95	1	1	2.999248
HS15_str_inv	BOBJ1	130.79	Before	Interior Girder 3	6.95	0.95	1	1	2.906239
HS15_str_inv	BOBJ1	130.79	Before	Interior Girder 4	6.95	0.95	1	1	2.906239
HS15_str_inv	BOBJ1	130.79	Before	Interior Girder 5	6.95	0.95	1	1	2.999248
HS15_str_inv	BOBJ1	130.79	Before	Interior Girder 6	6.95	0.95	1	1	3.192314
HS15_str_inv	BOBJ1	130.79	Before	Right Exterior Girder	6.95	0.95	1	1	6.409509
HS15_str_inv	BOBJ1	130.79	After	Left Exterior Girder	6.95	0.95	1	1	6.459207
HS15_str_inv	BOBJ1	130.79	After	Interior Girder 1	6.95	0.95	1	1	3.177907
HS15_str_inv	BOBJ1	130.79	After	Interior Girder 2	6.95	0.95	1	1	3.027867
HS15_str_inv	BOBJ1	130.79	After	Interior Girder 3	6.95	0.95	1	1	2.923404
HS15_str_inv	BOBJ1	130.79	After	Interior Girder 4	6.95	0.95	1	1	2.923404
HS15_str_inv	BOBJ1	130.79	After	Interior Girder 5	6.95	0.95	1	1	3.027867
HS15_str_inv	BOBJ1	130.79	After	Interior Girder 6	6.95	0.95	1	1	3.177907
HS15_str_inv	BOBJ1	130.79	After	Right Exterior Girder	6.95	0.95	1	1	6.459207
HS15_str_inv	BOBJ1	132.34	Before	Left Exterior Girder	8.5	0.95	1	1	7.016308

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelINonCompStrgth-Flx - Approach, Span 12-1									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
HS15_str_inv	BOBJ1	132.34	Before	Right Exterior Girder	8.5	0.95	1	1	7.016308
HS15_str_inv	BOBJ1	132.34	After	Left Exterior Girder	8.5	0.95	1	1	3.135983
HS15_str_inv	BOBJ1	132.34	After	Right Exterior Girder	8.5	0.95	1	1	3.135983
HS15_str_inv	BOBJ1	137.74	Before	Left Exterior Girder	13.9	0.95	1	1	4.624863
HS15_str_inv	BOBJ1	137.74	Before	Interior Girder 1	13.9	0.95	1	1	4.398451
HS15_str_inv	BOBJ1	137.74	Before	Interior Girder 2	13.9	0.95	1	1	3.965294
HS15_str_inv	BOBJ1	137.74	Before	Interior Girder 3	13.9	0.95	1	1	3.811074
HS15_str_inv	BOBJ1	137.74	Before	Interior Girder 4	13.9	0.95	1	1	3.811074
HS15_str_inv	BOBJ1	137.74	Before	Interior Girder 5	13.9	0.95	1	1	3.965294
HS15_str_inv	BOBJ1	137.74	Before	Interior Girder 6	13.9	0.95	1	1	4.398451
HS15_str_inv	BOBJ1	137.74	Before	Right Exterior Girder	13.9	0.95	1	1	4.624863
HS15_str_inv	BOBJ1	137.74	After	Left Exterior Girder	13.9	0.95	1	1	5.044928
HS15_str_inv	BOBJ1	137.74	After	Interior Girder 1	13.9	0.95	1	1	4.368672
HS15_str_inv	BOBJ1	137.74	After	Interior Girder 2	13.9	0.95	1	1	3.960588
HS15_str_inv	BOBJ1	137.74	After	Interior Girder 3	13.9	0.95	1	1	3.8714
HS15_str_inv	BOBJ1	137.74	After	Interior Girder 4	13.9	0.95	1	1	3.8714
HS15_str_inv	BOBJ1	137.74	After	Interior Girder 5	13.9	0.95	1	1	3.960588
HS15_str_inv	BOBJ1	137.74	After	Interior Girder 6	13.9	0.95	1	1	4.368672
HS15_str_inv	BOBJ1	137.74	After	Right Exterior Girder	13.9	0.95	1	1	5.044928
HS15_str_inv	BOBJ1	143.7733	Before	Left Exterior Girder	19.9333	0.95	1	1	3.542081
HS15_str_inv	BOBJ1	143.7733	Before	Interior Girder 1	19.9333	0.95	1	1	2.568157
HS15_str_inv	BOBJ1	143.7733	Before	Interior Girder 2	19.9333	0.95	1	1	2.411513
HS15_str_inv	BOBJ1	143.7733	Before	Interior Girder 3	19.9333	0.95	1	1	2.322014
HS15_str_inv	BOBJ1	143.7733	Before	Interior Girder 4	19.9333	0.95	1	1	2.322014
HS15_str_inv	BOBJ1	143.7733	Before	Interior Girder 5	19.9333	0.95	1	1	2.411513
HS15_str_inv	BOBJ1	143.7733	Before	Interior Girder 6	19.9333	0.95	1	1	2.568157
HS15_str_inv	BOBJ1	143.7733	Before	Right Exterior Girder	19.9333	0.95	1	1	3.542081
HS15_str_inv	BOBJ1	143.7733	After	Left Exterior Girder	19.9333	0.95	1	1	3.6086
HS15_str_inv	BOBJ1	143.7733	After	Interior Girder 1	19.9333	0.95	1	1	2.540023
HS15_str_inv	BOBJ1	143.7733	After	Interior Girder 2	19.9333	0.95	1	1	2.413092
HS15_str_inv	BOBJ1	143.7733	After	Interior Girder 3	19.9333	0.95	1	1	2.358464
HS15_str_inv	BOBJ1	143.7733	After	Interior Girder 4	19.9333	0.95	1	1	2.358464
HS15_str_inv	BOBJ1	143.7733	After	Interior Girder 5	19.9333	0.95	1	1	2.413092
HS15_str_inv	BOBJ1	143.7733	After	Interior Girder 6	19.9333	0.95	1	1	2.540023
HS15_str_inv	BOBJ1	143.7733	After	Right Exterior Girder	19.9333	0.95	1	1	3.6086
HS15_str_inv	BOBJ1	149.8067	Before	Left Exterior Girder	25.9667	0.95	1	1	2.525481
HS15_str_inv	BOBJ1	149.8067	Before	Interior Girder 1	25.9667	0.95	1	1	1.979567
HS15_str_inv	BOBJ1	149.8067	Before	Interior Girder 2	25.9667	0.95	1	1	1.884986
HS15_str_inv	BOBJ1	149.8067	Before	Interior Girder 3	25.9667	0.95	1	1	1.832463
HS15_str_inv	BOBJ1	149.8067	Before	Interior Girder 4	25.9667	0.95	1	1	1.832463
HS15_str_inv	BOBJ1	149.8067	Before	Interior Girder 5	25.9667	0.95	1	1	1.884986
HS15_str_inv	BOBJ1	149.8067	Before	Interior Girder 6	25.9667	0.95	1	1	1.979567
HS15_str_inv	BOBJ1	149.8067	Before	Right Exterior Girder	25.9667	0.95	1	1	2.525481
HS15_str_inv	BOBJ1	149.8067	After	Left Exterior Girder	25.9667	0.95	1	1	2.528376
HS15_str_inv	BOBJ1	149.8067	After	Interior Girder 1	25.9667	0.95	1	1	1.983807
HS15_str_inv	BOBJ1	149.8067	After	Interior Girder 2	25.9667	0.95	1	1	1.899485
HS15_str_inv	BOBJ1	149.8067	After	Interior Girder 3	25.9667	0.95	1	1	1.861874
HS15_str_inv	BOBJ1	149.8067	After	Interior Girder 4	25.9667	0.95	1	1	1.861874
HS15_str_inv	BOBJ1	149.8067	After	Interior Girder 5	25.9667	0.95	1	1	1.899485
HS15_str_inv	BOBJ1	149.8067	After	Interior Girder 6	25.9667	0.95	1	1	1.983807
HS15_str_inv	BOBJ1	149.8067	After	Right Exterior Girder	25.9667	0.95	1	1	2.528376
HS15_str_inv	BOBJ1	155.84	Before	Left Exterior Girder	32	0.95	1	1	2.11695
HS15_str_inv	BOBJ1	155.84	Before	Interior Girder 1	32	0.95	1	1	1.875874
HS15_str_inv	BOBJ1	155.84	Before	Interior Girder 2	32	0.95	1	1	1.7946
HS15_str_inv	BOBJ1	155.84	Before	Interior Girder 3	32	0.95	1	1	1.7557
HS15_str_inv	BOBJ1	155.84	Before	Interior Girder 4	32	0.95	1	1	1.7557
HS15_str_inv	BOBJ1	155.84	Before	Interior Girder 5	32	0.95	1	1	1.7946
HS15_str_inv	BOBJ1	155.84	Before	Interior Girder 6	32	0.95	1	1	1.875874
HS15_str_inv	BOBJ1	155.84	Before	Right Exterior Girder	32	0.95	1	1	2.11695
HS15_str_inv	BOBJ1	155.84	After	Left Exterior Girder	32	0.95	1	1	2.125188
HS15_str_inv	BOBJ1	155.84	After	Interior Girder 1	32	0.95	1	1	1.872046
HS15_str_inv	BOBJ1	155.84	After	Interior Girder 2	32	0.95	1	1	1.792607
HS15_str_inv	BOBJ1	155.84	After	Interior Girder 3	32	0.95	1	1	1.760221
HS15_str_inv	BOBJ1	155.84	After	Interior Girder 4	32	0.95	1	1	1.760221
HS15_str_inv	BOBJ1	155.84	After	Interior Girder 5	32	0.95	1	1	1.792607

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelINonCompStrgth-Flx - Approach, Span 12-1									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
HS15_str_inv	BOBJ1	155.84	After	Interior Girder 6	32	0.95	1	1	1.872046
HS15_str_inv	BOBJ1	155.84	After	Right Exterior Girder	32	0.95	1	1	2.125188
HS15_str_inv	BOBJ1	161.8733	Before	Left Exterior Girder	38.0333	0.95	1	1	2.282777
HS15_str_inv	BOBJ1	161.8733	Before	Interior Girder 1	38.0333	0.95	1	1	1.840282
HS15_str_inv	BOBJ1	161.8733	Before	Interior Girder 2	38.0333	0.95	1	1	1.761872
HS15_str_inv	BOBJ1	161.8733	Before	Interior Girder 3	38.0333	0.95	1	1	1.721146
HS15_str_inv	BOBJ1	161.8733	Before	Interior Girder 4	38.0333	0.95	1	1	1.721146
HS15_str_inv	BOBJ1	161.8733	Before	Interior Girder 5	38.0333	0.95	1	1	1.761872
HS15_str_inv	BOBJ1	161.8733	Before	Interior Girder 6	38.0333	0.95	1	1	1.840282
HS15_str_inv	BOBJ1	161.8733	Before	Right Exterior Girder	38.0333	0.95	1	1	2.282777
HS15_str_inv	BOBJ1	161.8733	After	Left Exterior Girder	38.0333	0.95	1	1	2.286114
HS15_str_inv	BOBJ1	161.8733	After	Interior Girder 1	38.0333	0.95	1	1	1.829799
HS15_str_inv	BOBJ1	161.8733	After	Interior Girder 2	38.0333	0.95	1	1	1.749356
HS15_str_inv	BOBJ1	161.8733	After	Interior Girder 3	38.0333	0.95	1	1	1.699451
HS15_str_inv	BOBJ1	161.8733	After	Interior Girder 4	38.0333	0.95	1	1	1.699451
HS15_str_inv	BOBJ1	161.8733	After	Interior Girder 5	38.0333	0.95	1	1	1.749356
HS15_str_inv	BOBJ1	161.8733	After	Interior Girder 6	38.0333	0.95	1	1	1.829799
HS15_str_inv	BOBJ1	161.8733	After	Right Exterior Girder	38.0333	0.95	1	1	2.286114
HS15_str_inv	BOBJ1	167.9067	Before	Left Exterior Girder	44.0667	0.95	1	1	2.862771
HS15_str_inv	BOBJ1	167.9067	Before	Interior Girder 1	44.0667	0.95	1	1	2.144592
HS15_str_inv	BOBJ1	167.9067	Before	Interior Girder 2	44.0667	0.95	1	1	2.035975
HS15_str_inv	BOBJ1	167.9067	Before	Interior Girder 3	44.0667	0.95	1	1	1.986009
HS15_str_inv	BOBJ1	167.9067	Before	Interior Girder 4	44.0667	0.95	1	1	1.986009
HS15_str_inv	BOBJ1	167.9067	Before	Interior Girder 5	44.0667	0.95	1	1	2.035975
HS15_str_inv	BOBJ1	167.9067	Before	Interior Girder 6	44.0667	0.95	1	1	2.144592
HS15_str_inv	BOBJ1	167.9067	Before	Right Exterior Girder	44.0667	0.95	1	1	2.862771
HS15_str_inv	BOBJ1	167.9067	After	Left Exterior Girder	44.0667	0.95	1	1	2.812235
HS15_str_inv	BOBJ1	167.9067	After	Interior Girder 1	44.0667	0.95	1	1	2.164056
HS15_str_inv	BOBJ1	167.9067	After	Interior Girder 2	44.0667	0.95	1	1	2.040536
HS15_str_inv	BOBJ1	167.9067	After	Interior Girder 3	44.0667	0.95	1	1	1.965595
HS15_str_inv	BOBJ1	167.9067	After	Interior Girder 4	44.0667	0.95	1	1	1.965595
HS15_str_inv	BOBJ1	167.9067	After	Interior Girder 5	44.0667	0.95	1	1	2.040536
HS15_str_inv	BOBJ1	167.9067	After	Interior Girder 6	44.0667	0.95	1	1	2.164056
HS15_str_inv	BOBJ1	167.9067	After	Right Exterior Girder	44.0667	0.95	1	1	2.812235
HS15_str_inv	BOBJ1	173.94	Before	Left Exterior Girder	50.1	0.95	1	1	4.148873
HS15_str_inv	BOBJ1	173.94	Before	Interior Girder 1	50.1	0.95	1	1	3.205747
HS15_str_inv	BOBJ1	173.94	Before	Interior Girder 2	50.1	0.95	1	1	2.933013
HS15_str_inv	BOBJ1	173.94	Before	Interior Girder 3	50.1	0.95	1	1	2.854984
HS15_str_inv	BOBJ1	173.94	Before	Interior Girder 4	50.1	0.95	1	1	2.854984
HS15_str_inv	BOBJ1	173.94	Before	Interior Girder 5	50.1	0.95	1	1	2.933013
HS15_str_inv	BOBJ1	173.94	Before	Interior Girder 6	50.1	0.95	1	1	3.205747
HS15_str_inv	BOBJ1	173.94	Before	Right Exterior Girder	50.1	0.95	1	1	4.148873
HS15_str_inv	BOBJ1	173.94	After	Left Exterior Girder	50.1	0.95	1	1	4.109268
HS15_str_inv	BOBJ1	173.94	After	Interior Girder 1	50.1	0.95	1	1	3.212939
HS15_str_inv	BOBJ1	173.94	After	Interior Girder 2	50.1	0.95	1	1	2.921011
HS15_str_inv	BOBJ1	173.94	After	Interior Girder 3	50.1	0.95	1	1	2.818505
HS15_str_inv	BOBJ1	173.94	After	Interior Girder 4	50.1	0.95	1	1	2.818505
HS15_str_inv	BOBJ1	173.94	After	Interior Girder 5	50.1	0.95	1	1	2.921011
HS15_str_inv	BOBJ1	173.94	After	Interior Girder 6	50.1	0.95	1	1	3.212939
HS15_str_inv	BOBJ1	173.94	After	Right Exterior Girder	50.1	0.95	1	1	4.109268
HS15_str_inv	BOBJ1	179.98	Before	Left Exterior Girder	56.14	0.95	1	1	4.771453
HS15_str_inv	BOBJ1	179.98	Before	Interior Girder 1	56.14	0.95	1	1	4.879607
HS15_str_inv	BOBJ1	179.98	Before	Interior Girder 2	56.14	0.95	1	1	4.61256
HS15_str_inv	BOBJ1	179.98	Before	Interior Girder 3	56.14	0.95	1	1	4.583053
HS15_str_inv	BOBJ1	179.98	Before	Interior Girder 4	56.14	0.95	1	1	4.583053
HS15_str_inv	BOBJ1	179.98	Before	Interior Girder 5	56.14	0.95	1	1	4.61256
HS15_str_inv	BOBJ1	179.98	Before	Interior Girder 6	56.14	0.95	1	1	4.879607
HS15_str_inv	BOBJ1	179.98	Before	Right Exterior Girder	56.14	0.95	1	1	4.771453
HS15_str_inv	BOBJ1	179.98	After	Left Exterior Girder	56.14	0.95	1	1	4.825547
HS15_str_inv	BOBJ1	179.98	After	Interior Girder 1	56.14	0.95	1	1	4.836107
HS15_str_inv	BOBJ1	179.98	After	Interior Girder 2	56.14	0.95	1	1	4.536017
HS15_str_inv	BOBJ1	179.98	After	Interior Girder 3	56.14	0.95	1	1	4.525371
HS15_str_inv	BOBJ1	179.98	After	Interior Girder 4	56.14	0.95	1	1	4.525371
HS15_str_inv	BOBJ1	179.98	After	Interior Girder 5	56.14	0.95	1	1	4.536017
HS15_str_inv	BOBJ1	179.98	After	Interior Girder 6	56.14	0.95	1	1	4.836107

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelINonCompStrgth-Flx - Approach, Span 12-1									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
HS15_str_inv	BOBJ1	179.98	After	Right Exterior Girder	56.14	0.95	1	1	4.825547
HS15_str_inv	BOBJ1	183.56	Before	Left Exterior Girder	59.72	0.95	1	1	3.619845
HS15_str_inv	BOBJ1	183.56	Before	Right Exterior Girder	59.72	0.95	1	1	3.619845
HS15_str_inv	BOBJ1	183.56	After	Left Exterior Girder	59.72	0.95	1	1	8.754931
HS15_str_inv	BOBJ1	183.56	After	Right Exterior Girder	59.72	0.95	1	1	8.754931
HS15_str_inv	BOBJ1	186.02	Before	Left Exterior Girder	62.18	0.95	1	1	7.717548
HS15_str_inv	BOBJ1	186.02	Before	Interior Girder 1	62.22	0.95	1	1	3.254696
HS15_str_inv	BOBJ1	186.02	Before	Interior Girder 2	62.22	0.95	1	1	3.110087
HS15_str_inv	BOBJ1	186.02	Before	Interior Girder 3	62.22	0.95	1	1	2.856406
HS15_str_inv	BOBJ1	186.02	Before	Interior Girder 4	62.22	0.95	1	1	2.856406
HS15_str_inv	BOBJ1	186.02	Before	Interior Girder 5	62.22	0.95	1	1	3.110087
HS15_str_inv	BOBJ1	186.02	Before	Interior Girder 6	62.22	0.95	1	1	3.254696
HS15_str_inv	BOBJ1	186.02	Before	Right Exterior Girder	62.18	0.95	1	1	7.717548
HS15_str_inv	BOBJ1	186.02	After	Left Exterior Girder	62.18	0.95	1	1	7.770625
HS15_str_inv	BOBJ1	186.02	After	Interior Girder 1	62.22	0.95	1	1	5.305139
HS15_str_inv	BOBJ1	186.02	After	Interior Girder 2	62.22	0.95	1	1	4.911161
HS15_str_inv	BOBJ1	186.02	After	Interior Girder 3	62.22	0.95	1	1	4.589739
HS15_str_inv	BOBJ1	186.02	After	Interior Girder 4	62.22	0.95	1	1	4.589739
HS15_str_inv	BOBJ1	186.02	After	Interior Girder 5	62.22	0.95	1	1	4.911161
HS15_str_inv	BOBJ1	186.02	After	Interior Girder 6	62.22	0.95	1	1	5.305139
HS15_str_inv	BOBJ1	186.02	After	Right Exterior Girder	62.18	0.95	1	1	7.770625
HS15_str_inv	BOBJ1	192.06	Before	Left Exterior Girder	68.22	0.95	1	1	3.70477
HS15_str_inv	BOBJ1	192.06	Before	Interior Girder 1	68.22	0.95	1	1	2.427207
HS15_str_inv	BOBJ1	192.06	Before	Interior Girder 2	68.22	0.95	1	1	2.322098
HS15_str_inv	BOBJ1	192.06	Before	Interior Girder 3	68.22	0.95	1	1	1.957966
HS15_str_inv	BOBJ1	192.06	Before	Interior Girder 4	68.22	0.95	1	1	1.957966
HS15_str_inv	BOBJ1	192.06	Before	Interior Girder 5	68.22	0.95	1	1	2.322098
HS15_str_inv	BOBJ1	192.06	Before	Interior Girder 6	68.22	0.95	1	1	2.427207
HS15_str_inv	BOBJ1	192.06	Before	Right Exterior Girder	68.22	0.95	1	1	3.70477
HS15_str_inv	BOBJ1	192.06	After	Left Exterior Girder	0	0.95	1	1	4.568891
HS15_str_inv	BOBJ1	192.06	After	Interior Girder 1	0	0.95	1	1	3.438296
HS15_str_inv	BOBJ1	192.06	After	Interior Girder 2	0	0.95	1	1	3.194445
HS15_str_inv	BOBJ1	192.06	After	Interior Girder 3	0	0.95	1	1	2.720006
HS15_str_inv	BOBJ1	192.06	After	Interior Girder 4	0	0.95	1	1	2.720006
HS15_str_inv	BOBJ1	192.06	After	Interior Girder 5	0	0.95	1	1	3.194445
HS15_str_inv	BOBJ1	192.06	After	Interior Girder 6	0	0.95	1	1	3.438296
HS15_str_inv	BOBJ1	192.06	After	Right Exterior Girder	0	0.95	1	1	4.568891
HS15_str_inv	BOBJ1	197.087	Before	Interior Girder 1	5.027	0.95	1	1	4.555993
HS15_str_inv	BOBJ1	197.087	Before	Interior Girder 2	5.027	0.95	1	1	4.265078
HS15_str_inv	BOBJ1	197.087	Before	Interior Girder 3	5.027	0.95	1	1	4.178899
HS15_str_inv	BOBJ1	197.087	Before	Interior Girder 4	5.027	0.95	1	1	4.178899
HS15_str_inv	BOBJ1	197.087	Before	Interior Girder 5	5.027	0.95	1	1	4.265078
HS15_str_inv	BOBJ1	197.087	Before	Interior Girder 6	5.027	0.95	1	1	4.555993
HS15_str_inv	BOBJ1	197.087	After	Interior Girder 1	5.027	0.95	1	1	2.841256
HS15_str_inv	BOBJ1	197.087	After	Interior Girder 2	5.027	0.95	1	1	2.673235
HS15_str_inv	BOBJ1	197.087	After	Interior Girder 3	5.027	0.95	1	1	2.602604
HS15_str_inv	BOBJ1	197.087	After	Interior Girder 4	5.027	0.95	1	1	2.602604
HS15_str_inv	BOBJ1	197.087	After	Interior Girder 5	5.027	0.95	1	1	2.673235
HS15_str_inv	BOBJ1	197.087	After	Interior Girder 6	5.027	0.95	1	1	2.841256
HS15_str_inv	BOBJ1	197.91	Before	Left Exterior Girder	5.85	0.95	1	1	6.33132
HS15_str_inv	BOBJ1	197.91	Before	Interior Girder 1	5.85	0.95	1	1	3.006636
HS15_str_inv	BOBJ1	197.91	Before	Interior Girder 2	5.85	0.95	1	1	2.805121
HS15_str_inv	BOBJ1	197.91	Before	Interior Girder 3	5.85	0.95	1	1	2.781327
HS15_str_inv	BOBJ1	197.91	Before	Interior Girder 4	5.85	0.95	1	1	2.781327
HS15_str_inv	BOBJ1	197.91	Before	Interior Girder 5	5.85	0.95	1	1	2.805121
HS15_str_inv	BOBJ1	197.91	Before	Interior Girder 6	5.85	0.95	1	1	3.006636
HS15_str_inv	BOBJ1	197.91	Before	Right Exterior Girder	5.85	0.95	1	1	6.33132
HS15_str_inv	BOBJ1	197.91	After	Left Exterior Girder	5.85	0.95	1	1	5.3679
HS15_str_inv	BOBJ1	197.91	After	Interior Girder 1	5.85	0.95	1	1	2.501723
HS15_str_inv	BOBJ1	197.91	After	Interior Girder 2	5.85	0.95	1	1	2.361687
HS15_str_inv	BOBJ1	197.91	After	Interior Girder 3	5.85	0.95	1	1	2.316545
HS15_str_inv	BOBJ1	197.91	After	Interior Girder 4	5.85	0.95	1	1	2.316545
HS15_str_inv	BOBJ1	197.91	After	Interior Girder 5	5.85	0.95	1	1	2.361687
HS15_str_inv	BOBJ1	197.91	After	Interior Girder 6	5.85	0.95	1	1	2.501723
HS15_str_inv	BOBJ1	197.91	After	Right Exterior Girder	5.85	0.95	1	1	5.3679

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelINonCompStrgth-Flx - Approach, Span 12-1									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
HS15_str_inv	BOBJ1	199.1816	Before	Left Exterior Girder	7.1216	0.95	1	1	5.746785
HS15_str_inv	BOBJ1	199.1816	Before	Right Exterior Girder	7.1216	0.95	1	1	5.746785
HS15_str_inv	BOBJ1	199.1816	After	Left Exterior Girder	7.1216	0.95	1	1	2.306104
HS15_str_inv	BOBJ1	199.1816	After	Right Exterior Girder	7.1216	0.95	1	1	2.306104
HS15_str_inv	BOBJ1	203.5267	Before	Left Exterior Girder	11.3107	0.95	1	1	3.32197
HS15_str_inv	BOBJ1	203.5267	Before	Interior Girder 1	11.3107	0.95	1	1	3.553502
HS15_str_inv	BOBJ1	203.5267	Before	Interior Girder 2	11.3107	0.95	1	1	3.356564
HS15_str_inv	BOBJ1	203.5267	Before	Interior Girder 3	11.3107	0.95	1	1	3.462975
HS15_str_inv	BOBJ1	203.5267	Before	Interior Girder 4	11.3107	0.95	1	1	3.462975
HS15_str_inv	BOBJ1	203.5267	Before	Interior Girder 5	11.3107	0.95	1	1	3.356564
HS15_str_inv	BOBJ1	203.5267	Before	Interior Girder 6	11.3107	0.95	1	1	3.553502
HS15_str_inv	BOBJ1	203.5267	Before	Right Exterior Girder	11.3107	0.95	1	1	3.32197
HS15_str_inv	BOBJ1	203.5267	After	Left Exterior Girder	11.3107	0.95	1	1	5.347716
HS15_str_inv	BOBJ1	203.5267	After	Interior Girder 1	11.3107	0.95	1	1	5.628341
HS15_str_inv	BOBJ1	203.5267	After	Interior Girder 2	11.3107	0.95	1	1	5.373367
HS15_str_inv	BOBJ1	203.5267	After	Interior Girder 3	11.3107	0.95	1	1	5.497135
HS15_str_inv	BOBJ1	203.5267	After	Interior Girder 4	11.3107	0.95	1	1	5.497135
HS15_str_inv	BOBJ1	203.5267	After	Interior Girder 5	11.3107	0.95	1	1	5.373367
HS15_str_inv	BOBJ1	203.5267	After	Interior Girder 6	11.3107	0.95	1	1	5.628341
HS15_str_inv	BOBJ1	203.5267	After	Right Exterior Girder	11.3107	0.95	1	1	5.347716
HS15_str_inv	BOBJ1	209.1433	Before	Left Exterior Girder	17.0833	0.95	1	1	5.769005
HS15_str_inv	BOBJ1	209.1433	Before	Interior Girder 1	17.0833	0.95	1	1	4.060169
HS15_str_inv	BOBJ1	209.1433	Before	Interior Girder 2	17.0833	0.95	1	1	3.772849
HS15_str_inv	BOBJ1	209.1433	Before	Interior Girder 3	17.0833	0.95	1	1	3.67968
HS15_str_inv	BOBJ1	209.1433	Before	Interior Girder 4	17.0833	0.95	1	1	3.67968
HS15_str_inv	BOBJ1	209.1433	Before	Interior Girder 5	17.0833	0.95	1	1	3.772849
HS15_str_inv	BOBJ1	209.1433	Before	Interior Girder 6	17.0833	0.95	1	1	4.060169
HS15_str_inv	BOBJ1	209.1433	Before	Right Exterior Girder	17.0833	0.95	1	1	5.769005
HS15_str_inv	BOBJ1	209.1433	After	Left Exterior Girder	17.0833	0.95	1	1	5.73418
HS15_str_inv	BOBJ1	209.1433	After	Interior Girder 1	17.0833	0.95	1	1	4.08551
HS15_str_inv	BOBJ1	209.1433	After	Interior Girder 2	17.0833	0.95	1	1	3.824329
HS15_str_inv	BOBJ1	209.1433	After	Interior Girder 3	17.0833	0.95	1	1	3.760832
HS15_str_inv	BOBJ1	209.1433	After	Interior Girder 4	17.0833	0.95	1	1	3.760832
HS15_str_inv	BOBJ1	209.1433	After	Interior Girder 5	17.0833	0.95	1	1	3.824329
HS15_str_inv	BOBJ1	209.1433	After	Interior Girder 6	17.0833	0.95	1	1	4.08551
HS15_str_inv	BOBJ1	209.1433	After	Right Exterior Girder	17.0833	0.95	1	1	5.73418
HS15_str_inv	BOBJ1	214.76	Before	Left Exterior Girder	22.7	0.95	1	1	3.946903
HS15_str_inv	BOBJ1	214.76	Before	Interior Girder 1	22.7	0.95	1	1	3.19453
HS15_str_inv	BOBJ1	214.76	Before	Interior Girder 2	22.7	0.95	1	1	2.990075
HS15_str_inv	BOBJ1	214.76	Before	Interior Girder 3	22.7	0.95	1	1	2.919926
HS15_str_inv	BOBJ1	214.76	Before	Interior Girder 4	22.7	0.95	1	1	2.919926
HS15_str_inv	BOBJ1	214.76	Before	Interior Girder 5	22.7	0.95	1	1	2.990075
HS15_str_inv	BOBJ1	214.76	Before	Interior Girder 6	22.7	0.95	1	1	3.19453
HS15_str_inv	BOBJ1	214.76	Before	Right Exterior Girder	22.7	0.95	1	1	3.946903
HS15_str_inv	BOBJ1	214.76	After	Left Exterior Girder	22.7	0.95	1	1	3.974818
HS15_str_inv	BOBJ1	214.76	After	Interior Girder 1	22.7	0.95	1	1	3.184111
HS15_str_inv	BOBJ1	214.76	After	Interior Girder 2	22.7	0.95	1	1	3.000067
HS15_str_inv	BOBJ1	214.76	After	Interior Girder 3	22.7	0.95	1	1	2.943934
HS15_str_inv	BOBJ1	214.76	After	Interior Girder 4	22.7	0.95	1	1	2.943934
HS15_str_inv	BOBJ1	214.76	After	Interior Girder 5	22.7	0.95	1	1	3.000067
HS15_str_inv	BOBJ1	214.76	After	Interior Girder 6	22.7	0.95	1	1	3.184111
HS15_str_inv	BOBJ1	214.76	After	Right Exterior Girder	22.7	0.95	1	1	3.974818
HS15_str_inv	BOBJ1	220.3767	Before	Left Exterior Girder	28.3167	0.95	1	1	3.5018
HS15_str_inv	BOBJ1	220.3767	Before	Interior Girder 1	28.3167	0.95	1	1	2.692612
HS15_str_inv	BOBJ1	220.3767	Before	Interior Girder 2	28.3167	0.95	1	1	2.551349
HS15_str_inv	BOBJ1	220.3767	Before	Interior Girder 3	28.3167	0.95	1	1	2.465987
HS15_str_inv	BOBJ1	220.3767	Before	Interior Girder 4	28.3167	0.95	1	1	2.465987
HS15_str_inv	BOBJ1	220.3767	Before	Interior Girder 5	28.3167	0.95	1	1	2.551349
HS15_str_inv	BOBJ1	220.3767	Before	Interior Girder 6	28.3167	0.95	1	1	2.692612
HS15_str_inv	BOBJ1	220.3767	Before	Right Exterior Girder	28.3167	0.95	1	1	3.5018
HS15_str_inv	BOBJ1	220.3767	After	Left Exterior Girder	28.3167	0.95	1	1	3.524598
HS15_str_inv	BOBJ1	220.3767	After	Interior Girder 1	28.3167	0.95	1	1	2.686641
HS15_str_inv	BOBJ1	220.3767	After	Interior Girder 2	28.3167	0.95	1	1	2.551637
HS15_str_inv	BOBJ1	220.3767	After	Interior Girder 3	28.3167	0.95	1	1	2.479316
HS15_str_inv	BOBJ1	220.3767	After	Interior Girder 4	28.3167	0.95	1	1	2.479316

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelINonCompStrgth-Flx - Approach, Span 12-1									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
HS15_str_inv	BOBJ1	220.3767	After	Interior Girder 5	28.3167	0.95	1	1	2.551637
HS15_str_inv	BOBJ1	220.3767	After	Interior Girder 6	28.3167	0.95	1	1	2.686641
HS15_str_inv	BOBJ1	220.3767	After	Right Exterior Girder	28.3167	0.95	1	1	3.524598
HS15_str_inv	BOBJ1	225.9933	Before	Left Exterior Girder	33.9333	0.95	1	1	3.364063
HS15_str_inv	BOBJ1	225.9933	Before	Interior Girder 1	33.9333	0.95	1	1	2.574273
HS15_str_inv	BOBJ1	225.9933	Before	Interior Girder 2	33.9333	0.95	1	1	2.45665
HS15_str_inv	BOBJ1	225.9933	Before	Interior Girder 3	33.9333	0.95	1	1	2.381831
HS15_str_inv	BOBJ1	225.9933	Before	Interior Girder 4	33.9333	0.95	1	1	2.381831
HS15_str_inv	BOBJ1	225.9933	Before	Interior Girder 5	33.9333	0.95	1	1	2.45665
HS15_str_inv	BOBJ1	225.9933	Before	Interior Girder 6	33.9333	0.95	1	1	2.574273
HS15_str_inv	BOBJ1	225.9933	Before	Right Exterior Girder	33.9333	0.95	1	1	3.364063
HS15_str_inv	BOBJ1	225.9933	After	Left Exterior Girder	33.9333	0.95	1	1	3.341274
HS15_str_inv	BOBJ1	225.9933	After	Interior Girder 1	33.9333	0.95	1	1	2.581531
HS15_str_inv	BOBJ1	225.9933	After	Interior Girder 2	33.9333	0.95	1	1	2.45295
HS15_str_inv	BOBJ1	225.9933	After	Interior Girder 3	33.9333	0.95	1	1	2.369821
HS15_str_inv	BOBJ1	225.9933	After	Interior Girder 4	33.9333	0.95	1	1	2.369821
HS15_str_inv	BOBJ1	225.9933	After	Interior Girder 5	33.9333	0.95	1	1	2.45295
HS15_str_inv	BOBJ1	225.9933	After	Interior Girder 6	33.9333	0.95	1	1	2.581531
HS15_str_inv	BOBJ1	225.9933	After	Right Exterior Girder	33.9333	0.95	1	1	3.341274
HS15_str_inv	BOBJ1	231.61	Before	Left Exterior Girder	39.55	0.95	1	1	3.550409
HS15_str_inv	BOBJ1	231.61	Before	Interior Girder 1	39.55	0.95	1	1	2.870682
HS15_str_inv	BOBJ1	231.61	Before	Interior Girder 2	39.55	0.95	1	1	2.71717
HS15_str_inv	BOBJ1	231.61	Before	Interior Girder 3	39.55	0.95	1	1	2.637129
HS15_str_inv	BOBJ1	231.61	Before	Interior Girder 4	39.55	0.95	1	1	2.637129
HS15_str_inv	BOBJ1	231.61	Before	Interior Girder 5	39.55	0.95	1	1	2.71717
HS15_str_inv	BOBJ1	231.61	Before	Interior Girder 6	39.55	0.95	1	1	2.870682
HS15_str_inv	BOBJ1	231.61	Before	Right Exterior Girder	39.55	0.95	1	1	3.550409
HS15_str_inv	BOBJ1	231.61	After	Left Exterior Girder	39.55	0.95	1	1	3.540745
HS15_str_inv	BOBJ1	231.61	After	Interior Girder 1	39.55	0.95	1	1	2.871523
HS15_str_inv	BOBJ1	231.61	After	Interior Girder 2	39.55	0.95	1	1	2.694697
HS15_str_inv	BOBJ1	231.61	After	Interior Girder 3	39.55	0.95	1	1	2.599106
HS15_str_inv	BOBJ1	231.61	After	Interior Girder 4	39.55	0.95	1	1	2.599106
HS15_str_inv	BOBJ1	231.61	After	Interior Girder 5	39.55	0.95	1	1	2.694697
HS15_str_inv	BOBJ1	231.61	After	Interior Girder 6	39.55	0.95	1	1	2.871523
HS15_str_inv	BOBJ1	231.61	After	Right Exterior Girder	39.55	0.95	1	1	3.540745
HS15_str_inv	BOBJ1	237.37	Before	Left Exterior Girder	45.31	0.95	1	1	4.777832
HS15_str_inv	BOBJ1	237.37	Before	Interior Girder 1	45.31	0.95	1	1	3.402442
HS15_str_inv	BOBJ1	237.37	Before	Interior Girder 2	45.31	0.95	1	1	3.226683
HS15_str_inv	BOBJ1	237.37	Before	Interior Girder 3	45.31	0.95	1	1	3.084188
HS15_str_inv	BOBJ1	237.37	Before	Interior Girder 4	45.31	0.95	1	1	3.084188
HS15_str_inv	BOBJ1	237.37	Before	Interior Girder 5	45.31	0.95	1	1	3.226683
HS15_str_inv	BOBJ1	237.37	Before	Interior Girder 6	45.31	0.95	1	1	3.402442
HS15_str_inv	BOBJ1	237.37	Before	Right Exterior Girder	45.31	0.95	1	1	4.777832
HS15_str_inv	BOBJ1	237.37	After	Left Exterior Girder	45.31	0.95	1	1	4.802143
HS15_str_inv	BOBJ1	237.37	After	Interior Girder 1	45.31	0.95	1	1	3.385193
HS15_str_inv	BOBJ1	237.37	After	Interior Girder 2	45.31	0.95	1	1	3.161417
HS15_str_inv	BOBJ1	237.37	After	Interior Girder 3	45.31	0.95	1	1	2.975823
HS15_str_inv	BOBJ1	237.37	After	Interior Girder 4	45.31	0.95	1	1	2.975823
HS15_str_inv	BOBJ1	237.37	After	Interior Girder 5	45.31	0.95	1	1	3.161417
HS15_str_inv	BOBJ1	237.37	After	Interior Girder 6	45.31	0.95	1	1	3.385193
HS15_str_inv	BOBJ1	237.37	After	Right Exterior Girder	45.31	0.95	1	1	4.802143
HS15_str_inv	BOBJ1	243.13	Before	Left Exterior Girder	51.07	0.95	1	1	9.232099
HS15_str_inv	BOBJ1	243.13	Before	Interior Girder 1	51.07	0.95	1	1	5.646795
HS15_str_inv	BOBJ1	243.13	Before	Interior Girder 2	51.07	0.95	1	1	5.358702
HS15_str_inv	BOBJ1	243.13	Before	Interior Girder 3	51.07	0.95	1	1	4.776629
HS15_str_inv	BOBJ1	243.13	Before	Interior Girder 4	51.07	0.95	1	1	4.776629
HS15_str_inv	BOBJ1	243.13	Before	Interior Girder 5	51.07	0.95	1	1	5.358702
HS15_str_inv	BOBJ1	243.13	Before	Interior Girder 6	51.07	0.95	1	1	5.646795
HS15_str_inv	BOBJ1	243.13	Before	Right Exterior Girder	51.07	0.95	1	1	9.232099
HS15_str_inv	BOBJ1	243.13	After	Left Exterior Girder	51.07	0.95	1	1	9.155751
HS15_str_inv	BOBJ1	243.13	After	Interior Girder 1	51.07	0.95	1	1	5.589778
HS15_str_inv	BOBJ1	243.13	After	Interior Girder 2	51.07	0.95	1	1	5.23522
HS15_str_inv	BOBJ1	243.13	After	Interior Girder 3	51.07	0.95	1	1	4.537281
HS15_str_inv	BOBJ1	243.13	After	Interior Girder 4	51.07	0.95	1	1	4.537281
HS15_str_inv	BOBJ1	243.13	After	Interior Girder 5	51.07	0.95	1	1	5.23522

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelINonCompStrgth-Flx - Approach, Span 12-1									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
HS15_str_inv	BOBJ1	243.13	After	Interior Girder 6	51.07	0.95	1	1	5.589778
HS15_str_inv	BOBJ1	243.13	After	Right Exterior Girder	51.07	0.95	1	1	9.155751
HS15_str_inv	BOBJ1	248.89	Before	Left Exterior Girder	56.83	0.95	1	1	479.127173
HS15_str_inv	BOBJ1	248.89	Before	Interior Girder 1	56.83	0.95	1	1	439.582153
HS15_str_inv	BOBJ1	248.89	Before	Interior Girder 2	56.83	0.95	1	1	268.459838
HS15_str_inv	BOBJ1	248.89	Before	Interior Girder 3	56.83	0.95	1	1	208.758662
HS15_str_inv	BOBJ1	248.89	Before	Interior Girder 4	56.83	0.95	1	1	208.758662
HS15_str_inv	BOBJ1	248.89	Before	Interior Girder 5	56.83	0.95	1	1	268.459838
HS15_str_inv	BOBJ1	248.89	Before	Interior Girder 6	56.83	0.95	1	1	439.582153
HS15_str_inv	BOBJ1	248.89	Before	Right Exterior Girder	56.83	0.95	1	1	479.127173
Lane_str_opr	BOBJ1	0	After	Left Exterior Girder	0	0.95	1	1	1341.215382
Lane_str_opr	BOBJ1	0	After	Interior Girder 1	0	0.95	1	1	1214.853015
Lane_str_opr	BOBJ1	0	After	Interior Girder 2	0	0.95	1	1	1131.662256
Lane_str_opr	BOBJ1	0	After	Interior Girder 3	0	0.95	1	1	952.674243
Lane_str_opr	BOBJ1	0	After	Interior Girder 4	0	0.95	1	1	952.674244
Lane_str_opr	BOBJ1	0	After	Interior Girder 5	0	0.95	1	1	1131.662253
Lane_str_opr	BOBJ1	0	After	Interior Girder 6	0	0.95	1	1	1214.853015
Lane_str_opr	BOBJ1	0	After	Right Exterior Girder	0	0.95	1	1	1341.215382
Lane_str_opr	BOBJ1	5.85	Before	Left Exterior Girder	5.85	0.95	1	1	33.270785
Lane_str_opr	BOBJ1	5.85	Before	Interior Girder 1	5.85	0.95	1	1	23.235717
Lane_str_opr	BOBJ1	5.85	Before	Interior Girder 2	5.85	0.95	1	1	22.876624
Lane_str_opr	BOBJ1	5.85	Before	Interior Girder 3	5.85	0.95	1	1	21.785465
Lane_str_opr	BOBJ1	5.85	Before	Interior Girder 4	5.85	0.95	1	1	21.785465
Lane_str_opr	BOBJ1	5.85	Before	Interior Girder 5	5.85	0.95	1	1	22.876624
Lane_str_opr	BOBJ1	5.85	Before	Interior Girder 6	5.85	0.95	1	1	23.235717
Lane_str_opr	BOBJ1	5.85	Before	Right Exterior Girder	5.85	0.95	1	1	33.270785
Lane_str_opr	BOBJ1	5.85	After	Left Exterior Girder	5.85	0.95	1	1	33.037162
Lane_str_opr	BOBJ1	5.85	After	Interior Girder 1	5.85	0.95	1	1	23.160004
Lane_str_opr	BOBJ1	5.85	After	Interior Girder 2	5.85	0.95	1	1	23.111183
Lane_str_opr	BOBJ1	5.85	After	Interior Girder 3	5.85	0.95	1	1	22.451309
Lane_str_opr	BOBJ1	5.85	After	Interior Girder 4	5.85	0.95	1	1	22.451309
Lane_str_opr	BOBJ1	5.85	After	Interior Girder 5	5.85	0.95	1	1	23.111183
Lane_str_opr	BOBJ1	5.85	After	Interior Girder 6	5.85	0.95	1	1	23.160004
Lane_str_opr	BOBJ1	5.85	After	Right Exterior Girder	5.85	0.95	1	1	33.037162
Lane_str_opr	BOBJ1	11.4667	Before	Left Exterior Girder	11.4667	0.95	1	1	17.701276
Lane_str_opr	BOBJ1	11.4667	Before	Interior Girder 1	11.4667	0.95	1	1	12.287023
Lane_str_opr	BOBJ1	11.4667	Before	Interior Girder 2	11.4667	0.95	1	1	12.257169
Lane_str_opr	BOBJ1	11.4667	Before	Interior Girder 3	11.4667	0.95	1	1	11.952328
Lane_str_opr	BOBJ1	11.4667	Before	Interior Girder 4	11.4667	0.95	1	1	11.952328
Lane_str_opr	BOBJ1	11.4667	Before	Interior Girder 5	11.4667	0.95	1	1	12.257169
Lane_str_opr	BOBJ1	11.4667	Before	Interior Girder 6	11.4667	0.95	1	1	12.287023
Lane_str_opr	BOBJ1	11.4667	Before	Right Exterior Girder	11.4667	0.95	1	1	17.701276
Lane_str_opr	BOBJ1	11.4667	After	Left Exterior Girder	11.4667	0.95	1	1	17.803232
Lane_str_opr	BOBJ1	11.4667	After	Interior Girder 1	11.4667	0.95	1	1	12.180908
Lane_str_opr	BOBJ1	11.4667	After	Interior Girder 2	11.4667	0.95	1	1	12.32976
Lane_str_opr	BOBJ1	11.4667	After	Interior Girder 3	11.4667	0.95	1	1	12.18998
Lane_str_opr	BOBJ1	11.4667	After	Interior Girder 4	11.4667	0.95	1	1	12.18998
Lane_str_opr	BOBJ1	11.4667	After	Interior Girder 5	11.4667	0.95	1	1	12.32976
Lane_str_opr	BOBJ1	11.4667	After	Interior Girder 6	11.4667	0.95	1	1	12.180908
Lane_str_opr	BOBJ1	11.4667	After	Right Exterior Girder	11.4667	0.95	1	1	17.803232
Lane_str_opr	BOBJ1	17.0833	Before	Left Exterior Girder	17.0833	0.95	1	1	12.571412
Lane_str_opr	BOBJ1	17.0833	Before	Interior Girder 1	17.0833	0.95	1	1	9.242169
Lane_str_opr	BOBJ1	17.0833	Before	Interior Girder 2	17.0833	0.95	1	1	9.200748
Lane_str_opr	BOBJ1	17.0833	Before	Interior Girder 3	17.0833	0.95	1	1	9.150204
Lane_str_opr	BOBJ1	17.0833	Before	Interior Girder 4	17.0833	0.95	1	1	9.150204
Lane_str_opr	BOBJ1	17.0833	Before	Interior Girder 5	17.0833	0.95	1	1	9.200748
Lane_str_opr	BOBJ1	17.0833	Before	Interior Girder 6	17.0833	0.95	1	1	9.242169
Lane_str_opr	BOBJ1	17.0833	Before	Right Exterior Girder	17.0833	0.95	1	1	12.571412
Lane_str_opr	BOBJ1	17.0833	After	Left Exterior Girder	17.0833	0.95	1	1	12.483853
Lane_str_opr	BOBJ1	17.0833	After	Interior Girder 1	17.0833	0.95	1	1	9.25758
Lane_str_opr	BOBJ1	17.0833	After	Interior Girder 2	17.0833	0.95	1	1	9.277856
Lane_str_opr	BOBJ1	17.0833	After	Interior Girder 3	17.0833	0.95	1	1	9.295543
Lane_str_opr	BOBJ1	17.0833	After	Interior Girder 4	17.0833	0.95	1	1	9.295543
Lane_str_opr	BOBJ1	17.0833	After	Interior Girder 5	17.0833	0.95	1	1	9.277856
Lane_str_opr	BOBJ1	17.0833	After	Interior Girder 6	17.0833	0.95	1	1	9.25758

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelINonCompStrgth-Flx - Approach, Span 12-1									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Lane_str_opr	BOBJ1	17.0833	After	Right Exterior Girder	17.0833	0.95	1	1	12.483853
Lane_str_opr	BOBJ1	22.7	Before	Left Exterior Girder	22.7	0.95	1	1	10.467538
Lane_str_opr	BOBJ1	22.7	Before	Interior Girder 1	22.7	0.95	1	1	8.495271
Lane_str_opr	BOBJ1	22.7	Before	Interior Girder 2	22.7	0.95	1	1	8.319187
Lane_str_opr	BOBJ1	22.7	Before	Interior Girder 3	22.7	0.95	1	1	8.411254
Lane_str_opr	BOBJ1	22.7	Before	Interior Girder 4	22.7	0.95	1	1	8.411254
Lane_str_opr	BOBJ1	22.7	Before	Interior Girder 5	22.7	0.95	1	1	8.319187
Lane_str_opr	BOBJ1	22.7	Before	Interior Girder 6	22.7	0.95	1	1	8.495271
Lane_str_opr	BOBJ1	22.7	Before	Right Exterior Girder	22.7	0.95	1	1	10.467538
Lane_str_opr	BOBJ1	22.7	After	Left Exterior Girder	22.7	0.95	1	1	10.515175
Lane_str_opr	BOBJ1	22.7	After	Interior Girder 1	22.7	0.95	1	1	8.463203
Lane_str_opr	BOBJ1	22.7	After	Interior Girder 2	22.7	0.95	1	1	8.337774
Lane_str_opr	BOBJ1	22.7	After	Interior Girder 3	22.7	0.95	1	1	8.446728
Lane_str_opr	BOBJ1	22.7	After	Interior Girder 4	22.7	0.95	1	1	8.446728
Lane_str_opr	BOBJ1	22.7	After	Interior Girder 5	22.7	0.95	1	1	8.337774
Lane_str_opr	BOBJ1	22.7	After	Interior Girder 6	22.7	0.95	1	1	8.463203
Lane_str_opr	BOBJ1	22.7	After	Right Exterior Girder	22.7	0.95	1	1	10.515175
Lane_str_opr	BOBJ1	28.3167	Before	Left Exterior Girder	28.3167	0.95	1	1	11.135326
Lane_str_opr	BOBJ1	28.3167	Before	Interior Girder 1	28.3167	0.95	1	1	8.49133
Lane_str_opr	BOBJ1	28.3167	Before	Interior Girder 2	28.3167	0.95	1	1	8.405577
Lane_str_opr	BOBJ1	28.3167	Before	Interior Girder 3	28.3167	0.95	1	1	8.540651
Lane_str_opr	BOBJ1	28.3167	Before	Interior Girder 4	28.3167	0.95	1	1	8.540651
Lane_str_opr	BOBJ1	28.3167	Before	Interior Girder 5	28.3167	0.95	1	1	8.405577
Lane_str_opr	BOBJ1	28.3167	Before	Interior Girder 6	28.3167	0.95	1	1	8.49133
Lane_str_opr	BOBJ1	28.3167	Before	Right Exterior Girder	28.3167	0.95	1	1	11.135326
Lane_str_opr	BOBJ1	28.3167	After	Left Exterior Girder	28.3167	0.95	1	1	11.217293
Lane_str_opr	BOBJ1	28.3167	After	Interior Girder 1	28.3167	0.95	1	1	8.453713
Lane_str_opr	BOBJ1	28.3167	After	Interior Girder 2	28.3167	0.95	1	1	8.392324
Lane_str_opr	BOBJ1	28.3167	After	Interior Girder 3	28.3167	0.95	1	1	8.50315
Lane_str_opr	BOBJ1	28.3167	After	Interior Girder 4	28.3167	0.95	1	1	8.50315
Lane_str_opr	BOBJ1	28.3167	After	Interior Girder 5	28.3167	0.95	1	1	8.392324
Lane_str_opr	BOBJ1	28.3167	After	Interior Girder 6	28.3167	0.95	1	1	8.453713
Lane_str_opr	BOBJ1	28.3167	After	Right Exterior Girder	28.3167	0.95	1	1	11.217293
Lane_str_opr	BOBJ1	33.9333	Before	Left Exterior Girder	33.9333	0.95	1	1	13.251188
Lane_str_opr	BOBJ1	33.9333	Before	Interior Girder 1	33.9333	0.95	1	1	9.877377
Lane_str_opr	BOBJ1	33.9333	Before	Interior Girder 2	33.9333	0.95	1	1	9.758115
Lane_str_opr	BOBJ1	33.9333	Before	Interior Girder 3	33.9333	0.95	1	1	9.994896
Lane_str_opr	BOBJ1	33.9333	Before	Interior Girder 4	33.9333	0.95	1	1	9.994896
Lane_str_opr	BOBJ1	33.9333	Before	Interior Girder 5	33.9333	0.95	1	1	9.758115
Lane_str_opr	BOBJ1	33.9333	Before	Interior Girder 6	33.9333	0.95	1	1	9.877377
Lane_str_opr	BOBJ1	33.9333	Before	Right Exterior Girder	33.9333	0.95	1	1	13.251188
Lane_str_opr	BOBJ1	33.9333	After	Left Exterior Girder	33.9333	0.95	1	1	13.133719
Lane_str_opr	BOBJ1	33.9333	After	Interior Girder 1	33.9333	0.95	1	1	9.942084
Lane_str_opr	BOBJ1	33.9333	After	Interior Girder 2	33.9333	0.95	1	1	9.782713
Lane_str_opr	BOBJ1	33.9333	After	Interior Girder 3	33.9333	0.95	1	1	9.932215
Lane_str_opr	BOBJ1	33.9333	After	Interior Girder 4	33.9333	0.95	1	1	9.932215
Lane_str_opr	BOBJ1	33.9333	After	Interior Girder 5	33.9333	0.95	1	1	9.782713
Lane_str_opr	BOBJ1	33.9333	After	Interior Girder 6	33.9333	0.95	1	1	9.942084
Lane_str_opr	BOBJ1	33.9333	After	Right Exterior Girder	33.9333	0.95	1	1	13.133719
Lane_str_opr	BOBJ1	39.55	Before	Left Exterior Girder	39.55	0.95	1	1	17.3164
Lane_str_opr	BOBJ1	39.55	Before	Interior Girder 1	39.55	0.95	1	1	14.02605
Lane_str_opr	BOBJ1	39.55	Before	Interior Girder 2	39.55	0.95	1	1	13.53808
Lane_str_opr	BOBJ1	39.55	Before	Interior Girder 3	39.55	0.95	1	1	14.126996
Lane_str_opr	BOBJ1	39.55	Before	Interior Girder 4	39.55	0.95	1	1	14.126996
Lane_str_opr	BOBJ1	39.55	Before	Interior Girder 5	39.55	0.95	1	1	13.53808
Lane_str_opr	BOBJ1	39.55	Before	Interior Girder 6	39.55	0.95	1	1	14.02605
Lane_str_opr	BOBJ1	39.55	Before	Right Exterior Girder	39.55	0.95	1	1	17.3164
Lane_str_opr	BOBJ1	39.55	After	Left Exterior Girder	39.55	0.95	1	1	17.376076
Lane_str_opr	BOBJ1	39.55	After	Interior Girder 1	39.55	0.95	1	1	14.023264
Lane_str_opr	BOBJ1	39.55	After	Interior Girder 2	39.55	0.95	1	1	13.483397
Lane_str_opr	BOBJ1	39.55	After	Interior Girder 3	39.55	0.95	1	1	13.862747
Lane_str_opr	BOBJ1	39.55	After	Interior Girder 4	39.55	0.95	1	1	13.862747
Lane_str_opr	BOBJ1	39.55	After	Interior Girder 5	39.55	0.95	1	1	13.483397
Lane_str_opr	BOBJ1	39.55	After	Interior Girder 6	39.55	0.95	1	1	14.023264
Lane_str_opr	BOBJ1	39.55	After	Right Exterior Girder	39.55	0.95	1	1	17.376076

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelINonCompStrgth-Flx - Approach, Span 12-1									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Lane_str_opr	BOBJ1	45.1733	Before	Left Exterior Girder	45.1226	0.95	1	1	15.93337
Lane_str_opr	BOBJ1	45.1733	Before	Interior Girder 1	45.1226	0.95	1	1	14.793173
Lane_str_opr	BOBJ1	45.1733	Before	Interior Girder 2	45.1226	0.95	1	1	14.107946
Lane_str_opr	BOBJ1	45.1733	Before	Interior Girder 3	45.1226	0.95	1	1	14.582022
Lane_str_opr	BOBJ1	45.1733	Before	Interior Girder 4	45.1226	0.95	1	1	14.582022
Lane_str_opr	BOBJ1	45.1733	Before	Interior Girder 5	45.1226	0.95	1	1	14.107946
Lane_str_opr	BOBJ1	45.1733	Before	Interior Girder 6	45.1226	0.95	1	1	14.793173
Lane_str_opr	BOBJ1	45.1733	Before	Right Exterior Girder	45.1226	0.95	1	1	15.93337
Lane_str_opr	BOBJ1	45.1733	After	Left Exterior Girder	45.1226	0.95	1	1	12.829008
Lane_str_opr	BOBJ1	45.1733	After	Interior Girder 1	45.1226	0.95	1	1	11.816358
Lane_str_opr	BOBJ1	45.1733	After	Interior Girder 2	45.1226	0.95	1	1	11.317247
Lane_str_opr	BOBJ1	45.1733	After	Interior Girder 3	45.1226	0.95	1	1	11.74184
Lane_str_opr	BOBJ1	45.1733	After	Interior Girder 4	45.1226	0.95	1	1	11.74184
Lane_str_opr	BOBJ1	45.1733	After	Interior Girder 5	45.1226	0.95	1	1	11.317247
Lane_str_opr	BOBJ1	45.1733	After	Interior Girder 6	45.1226	0.95	1	1	11.816358
Lane_str_opr	BOBJ1	45.1733	After	Right Exterior Girder	45.1226	0.95	1	1	12.829008
Lane_str_opr	BOBJ1	49.2561	Before	Left Exterior Girder	49.2561	0.95	1	1	8.459039
Lane_str_opr	BOBJ1	49.2561	Before	Right Exterior Girder	49.2561	0.95	1	1	8.459039
Lane_str_opr	BOBJ1	49.2561	After	Left Exterior Girder	49.2561	0.95	1	1	8.677777
Lane_str_opr	BOBJ1	49.2561	After	Right Exterior Girder	49.2561	0.95	1	1	8.677777
Lane_str_opr	BOBJ1	50.7967	Before	Left Exterior Girder	50.7967	0.95	1	1	16.985221
Lane_str_opr	BOBJ1	50.7967	Before	Interior Girder 1	50.7967	0.95	1	1	6.843459
Lane_str_opr	BOBJ1	50.7967	Before	Interior Girder 2	50.7967	0.95	1	1	6.68362
Lane_str_opr	BOBJ1	50.7967	Before	Interior Girder 3	50.7967	0.95	1	1	6.241916
Lane_str_opr	BOBJ1	50.7967	Before	Interior Girder 4	50.7967	0.95	1	1	6.241916
Lane_str_opr	BOBJ1	50.7967	Before	Interior Girder 5	50.7967	0.95	1	1	6.68362
Lane_str_opr	BOBJ1	50.7967	Before	Interior Girder 6	50.7967	0.95	1	1	6.843459
Lane_str_opr	BOBJ1	50.7967	Before	Right Exterior Girder	50.7967	0.95	1	1	16.985221
Lane_str_opr	BOBJ1	50.7967	After	Left Exterior Girder	50.7967	0.95	1	1	16.902998
Lane_str_opr	BOBJ1	50.7967	After	Interior Girder 1	50.7967	0.95	1	1	6.827195
Lane_str_opr	BOBJ1	50.7967	After	Interior Girder 2	50.7967	0.95	1	1	6.702531
Lane_str_opr	BOBJ1	50.7967	After	Interior Girder 3	50.7967	0.95	1	1	6.306865
Lane_str_opr	BOBJ1	50.7967	After	Interior Girder 4	50.7967	0.95	1	1	6.306865
Lane_str_opr	BOBJ1	50.7967	After	Interior Girder 5	50.7967	0.95	1	1	6.702531
Lane_str_opr	BOBJ1	50.7967	After	Interior Girder 6	50.7967	0.95	1	1	6.827195
Lane_str_opr	BOBJ1	50.7967	After	Right Exterior Girder	50.7967	0.95	1	1	16.902998
Lane_str_opr	BOBJ1	51.3989	Before	Interior Girder 1	51.3989	0.95	1	1	6.220309
Lane_str_opr	BOBJ1	51.3989	Before	Interior Girder 2	51.3989	0.95	1	1	6.212978
Lane_str_opr	BOBJ1	51.3989	Before	Interior Girder 3	51.3989	0.95	1	1	5.777102
Lane_str_opr	BOBJ1	51.3989	Before	Interior Girder 4	51.3989	0.95	1	1	5.777102
Lane_str_opr	BOBJ1	51.3989	Before	Interior Girder 5	51.3989	0.95	1	1	6.212978
Lane_str_opr	BOBJ1	51.3989	Before	Interior Girder 6	51.3989	0.95	1	1	6.220309
Lane_str_opr	BOBJ1	51.3989	After	Interior Girder 1	51.3989	0.95	1	1	9.601931
Lane_str_opr	BOBJ1	51.3989	After	Interior Girder 2	51.3989	0.95	1	1	9.475972
Lane_str_opr	BOBJ1	51.3989	After	Interior Girder 3	51.3989	0.95	1	1	8.968258
Lane_str_opr	BOBJ1	51.3989	After	Interior Girder 4	51.3989	0.95	1	1	8.968258
Lane_str_opr	BOBJ1	51.3989	After	Interior Girder 5	51.3989	0.95	1	1	9.475972
Lane_str_opr	BOBJ1	51.3989	After	Interior Girder 6	51.3989	0.95	1	1	9.601931
Lane_str_opr	BOBJ1	56.42	Before	Left Exterior Girder	56.42	0.95	1	1	8.988319
Lane_str_opr	BOBJ1	56.42	Before	Interior Girder 1	56.42	0.95	1	1	5.061492
Lane_str_opr	BOBJ1	56.42	Before	Interior Girder 2	56.42	0.95	1	1	5.202799
Lane_str_opr	BOBJ1	56.42	Before	Interior Girder 3	56.42	0.95	1	1	4.534569
Lane_str_opr	BOBJ1	56.42	Before	Interior Girder 4	56.42	0.95	1	1	4.534569
Lane_str_opr	BOBJ1	56.42	Before	Interior Girder 5	56.42	0.95	1	1	5.202799
Lane_str_opr	BOBJ1	56.42	Before	Interior Girder 6	56.42	0.95	1	1	5.061492
Lane_str_opr	BOBJ1	56.42	Before	Right Exterior Girder	56.42	0.95	1	1	8.988319
Lane_str_opr	BOBJ1	56.42	After	Left Exterior Girder	0	0.95	1	1	8.909302
Lane_str_opr	BOBJ1	56.42	After	Interior Girder 1	0	0.95	1	1	5.067774
Lane_str_opr	BOBJ1	56.42	After	Interior Girder 2	0	0.95	1	1	5.202965
Lane_str_opr	BOBJ1	56.42	After	Interior Girder 3	0	0.95	1	1	4.499477
Lane_str_opr	BOBJ1	56.42	After	Interior Girder 4	0	0.95	1	1	4.499477
Lane_str_opr	BOBJ1	56.42	After	Interior Girder 5	0	0.95	1	1	5.202965
Lane_str_opr	BOBJ1	56.42	After	Interior Girder 6	0	0.95	1	1	5.067774
Lane_str_opr	BOBJ1	56.42	After	Right Exterior Girder	0	0.95	1	1	8.909302
Lane_str_opr	BOBJ1	62.0367	Before	Left Exterior Girder	5.6167	0.95	1	1	18.458976

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelINonCompStrgth-Flx - Approach, Span 12-1									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Lane_str_opr	BOBJ1	62.0367	Before	Interior Girder 1	5.6167	0.95	1	1	10.554554
Lane_str_opr	BOBJ1	62.0367	Before	Interior Girder 2	5.6167	0.95	1	1	10.361931
Lane_str_opr	BOBJ1	62.0367	Before	Interior Girder 3	5.6167	0.95	1	1	9.727664
Lane_str_opr	BOBJ1	62.0367	Before	Interior Girder 4	5.6167	0.95	1	1	9.727664
Lane_str_opr	BOBJ1	62.0367	Before	Interior Girder 5	5.6167	0.95	1	1	10.361931
Lane_str_opr	BOBJ1	62.0367	Before	Interior Girder 6	5.6167	0.95	1	1	10.554554
Lane_str_opr	BOBJ1	62.0367	Before	Right Exterior Girder	5.6167	0.95	1	1	18.458976
Lane_str_opr	BOBJ1	62.0367	After	Left Exterior Girder	5.6167	0.95	1	1	17.860425
Lane_str_opr	BOBJ1	62.0367	After	Interior Girder 1	5.6167	0.95	1	1	10.832456
Lane_str_opr	BOBJ1	62.0367	After	Interior Girder 2	5.6167	0.95	1	1	10.408981
Lane_str_opr	BOBJ1	62.0367	After	Interior Girder 3	5.6167	0.95	1	1	9.705097
Lane_str_opr	BOBJ1	62.0367	After	Interior Girder 4	5.6167	0.95	1	1	9.705097
Lane_str_opr	BOBJ1	62.0367	After	Interior Girder 5	5.6167	0.95	1	1	10.408981
Lane_str_opr	BOBJ1	62.0367	After	Interior Girder 6	5.6167	0.95	1	1	10.832456
Lane_str_opr	BOBJ1	62.0367	After	Right Exterior Girder	5.6167	0.95	1	1	17.860425
Lane_str_opr	BOBJ1	62.4203	Before	Interior Girder 1	6.0003	0.95	1	1	11.460435
Lane_str_opr	BOBJ1	62.4203	Before	Interior Girder 2	6.0003	0.95	1	1	10.909294
Lane_str_opr	BOBJ1	62.4203	Before	Interior Girder 3	6.0003	0.95	1	1	10.220707
Lane_str_opr	BOBJ1	62.4203	Before	Interior Girder 4	6.0003	0.95	1	1	10.220707
Lane_str_opr	BOBJ1	62.4203	Before	Interior Girder 5	6.0003	0.95	1	1	10.909294
Lane_str_opr	BOBJ1	62.4203	Before	Interior Girder 6	6.0003	0.95	1	1	11.460435
Lane_str_opr	BOBJ1	62.4203	After	Interior Girder 1	6.0003	0.95	1	1	7.48571
Lane_str_opr	BOBJ1	62.4203	After	Interior Girder 2	6.0003	0.95	1	1	7.195619
Lane_str_opr	BOBJ1	62.4203	After	Interior Girder 3	6.0003	0.95	1	1	6.61289
Lane_str_opr	BOBJ1	62.4203	After	Interior Girder 4	6.0003	0.95	1	1	6.61289
Lane_str_opr	BOBJ1	62.4203	After	Interior Girder 5	6.0003	0.95	1	1	7.195619
Lane_str_opr	BOBJ1	62.4203	After	Interior Girder 6	6.0003	0.95	1	1	7.48571
Lane_str_opr	BOBJ1	64.9204	Before	Left Exterior Girder	8.5004	0.95	1	1	25.897
Lane_str_opr	BOBJ1	64.9204	Before	Right Exterior Girder	8.5004	0.95	1	1	25.897
Lane_str_opr	BOBJ1	64.9204	After	Left Exterior Girder	8.5004	0.95	1	1	11.697279
Lane_str_opr	BOBJ1	64.9204	After	Right Exterior Girder	8.5004	0.95	1	1	11.697279
Lane_str_opr	BOBJ1	67.6533	Before	Left Exterior Girder	11.2333	0.95	1	1	17.433847
Lane_str_opr	BOBJ1	67.6533	Before	Interior Girder 1	11.2333	0.95	1	1	14.170444
Lane_str_opr	BOBJ1	67.6533	Before	Interior Girder 2	11.2333	0.95	1	1	13.539841
Lane_str_opr	BOBJ1	67.6533	Before	Interior Girder 3	11.2333	0.95	1	1	13.566396
Lane_str_opr	BOBJ1	67.6533	Before	Interior Girder 4	11.2333	0.95	1	1	13.566396
Lane_str_opr	BOBJ1	67.6533	Before	Interior Girder 5	11.2333	0.95	1	1	13.539841
Lane_str_opr	BOBJ1	67.6533	Before	Interior Girder 6	11.2333	0.95	1	1	14.170444
Lane_str_opr	BOBJ1	67.6533	Before	Right Exterior Girder	11.2333	0.95	1	1	17.433847
Lane_str_opr	BOBJ1	67.6533	After	Left Exterior Girder	11.2333	0.95	1	1	16.971397
Lane_str_opr	BOBJ1	67.6533	After	Interior Girder 1	11.2333	0.95	1	1	14.246031
Lane_str_opr	BOBJ1	67.6533	After	Interior Girder 2	11.2333	0.95	1	1	13.491281
Lane_str_opr	BOBJ1	67.6533	After	Interior Girder 3	11.2333	0.95	1	1	13.338555
Lane_str_opr	BOBJ1	67.6533	After	Interior Girder 4	11.2333	0.95	1	1	13.338555
Lane_str_opr	BOBJ1	67.6533	After	Interior Girder 5	11.2333	0.95	1	1	13.491281
Lane_str_opr	BOBJ1	67.6533	After	Interior Girder 6	11.2333	0.95	1	1	14.246031
Lane_str_opr	BOBJ1	67.6533	After	Right Exterior Girder	11.2333	0.95	1	1	16.971397
Lane_str_opr	BOBJ1	73.27	Before	Left Exterior Girder	16.85	0.95	1	1	21.237151
Lane_str_opr	BOBJ1	73.27	Before	Interior Girder 1	16.85	0.95	1	1	17.142004
Lane_str_opr	BOBJ1	73.27	Before	Interior Girder 2	16.85	0.95	1	1	16.012849
Lane_str_opr	BOBJ1	73.27	Before	Interior Girder 3	16.85	0.95	1	1	16.127619
Lane_str_opr	BOBJ1	73.27	Before	Interior Girder 4	16.85	0.95	1	1	16.127619
Lane_str_opr	BOBJ1	73.27	Before	Interior Girder 5	16.85	0.95	1	1	16.012849
Lane_str_opr	BOBJ1	73.27	Before	Interior Girder 6	16.85	0.95	1	1	17.142004
Lane_str_opr	BOBJ1	73.27	Before	Right Exterior Girder	16.85	0.95	1	1	21.237151
Lane_str_opr	BOBJ1	73.27	After	Left Exterior Girder	16.85	0.95	1	1	21.576851
Lane_str_opr	BOBJ1	73.27	After	Interior Girder 1	16.85	0.95	1	1	16.941386
Lane_str_opr	BOBJ1	73.27	After	Interior Girder 2	16.85	0.95	1	1	16.026128
Lane_str_opr	BOBJ1	73.27	After	Interior Girder 3	16.85	0.95	1	1	16.499499
Lane_str_opr	BOBJ1	73.27	After	Interior Girder 4	16.85	0.95	1	1	16.499499
Lane_str_opr	BOBJ1	73.27	After	Interior Girder 5	16.85	0.95	1	1	16.026128
Lane_str_opr	BOBJ1	73.27	After	Interior Girder 6	16.85	0.95	1	1	16.941386
Lane_str_opr	BOBJ1	73.27	After	Right Exterior Girder	16.85	0.95	1	1	21.576851
Lane_str_opr	BOBJ1	78.8867	Before	Left Exterior Girder	22.4667	0.95	1	1	13.020365
Lane_str_opr	BOBJ1	78.8867	Before	Interior Girder 1	22.4667	0.95	1	1	10.171542

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelINonCompStrgth-Flx - Approach, Span 12-1									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Lane_str_opr	BOBJ1	78.8867	Before	Interior Girder 2	22.4667	0.95	1	1	9.876216
Lane_str_opr	BOBJ1	78.8867	Before	Interior Girder 3	22.4667	0.95	1	1	9.91169
Lane_str_opr	BOBJ1	78.8867	Before	Interior Girder 4	22.4667	0.95	1	1	9.91169
Lane_str_opr	BOBJ1	78.8867	Before	Interior Girder 5	22.4667	0.95	1	1	9.876216
Lane_str_opr	BOBJ1	78.8867	Before	Interior Girder 6	22.4667	0.95	1	1	10.171542
Lane_str_opr	BOBJ1	78.8867	Before	Right Exterior Girder	22.4667	0.95	1	1	13.020365
Lane_str_opr	BOBJ1	78.8867	After	Left Exterior Girder	22.4667	0.95	1	1	13.268127
Lane_str_opr	BOBJ1	78.8867	After	Interior Girder 1	22.4667	0.95	1	1	10.039297
Lane_str_opr	BOBJ1	78.8867	After	Interior Girder 2	22.4667	0.95	1	1	9.855835
Lane_str_opr	BOBJ1	78.8867	After	Interior Girder 3	22.4667	0.95	1	1	10.032866
Lane_str_opr	BOBJ1	78.8867	After	Interior Girder 4	22.4667	0.95	1	1	10.032866
Lane_str_opr	BOBJ1	78.8867	After	Interior Girder 5	22.4667	0.95	1	1	9.855835
Lane_str_opr	BOBJ1	78.8867	After	Interior Girder 6	22.4667	0.95	1	1	10.039297
Lane_str_opr	BOBJ1	78.8867	After	Right Exterior Girder	22.4667	0.95	1	1	13.268127
Lane_str_opr	BOBJ1	84.5033	Before	Left Exterior Girder	28.0833	0.95	1	1	9.769967
Lane_str_opr	BOBJ1	84.5033	Before	Interior Girder 1	28.0833	0.95	1	1	7.933414
Lane_str_opr	BOBJ1	84.5033	Before	Interior Girder 2	28.0833	0.95	1	1	7.753674
Lane_str_opr	BOBJ1	84.5033	Before	Interior Girder 3	28.0833	0.95	1	1	7.832379
Lane_str_opr	BOBJ1	84.5033	Before	Interior Girder 4	28.0833	0.95	1	1	7.832379
Lane_str_opr	BOBJ1	84.5033	Before	Interior Girder 5	28.0833	0.95	1	1	7.753674
Lane_str_opr	BOBJ1	84.5033	Before	Interior Girder 6	28.0833	0.95	1	1	7.933414
Lane_str_opr	BOBJ1	84.5033	Before	Right Exterior Girder	28.0833	0.95	1	1	9.769967
Lane_str_opr	BOBJ1	84.5033	After	Left Exterior Girder	28.0833	0.95	1	1	9.74541
Lane_str_opr	BOBJ1	84.5033	After	Interior Girder 1	28.0833	0.95	1	1	7.944563
Lane_str_opr	BOBJ1	84.5033	After	Interior Girder 2	28.0833	0.95	1	1	7.786663
Lane_str_opr	BOBJ1	84.5033	After	Interior Girder 3	28.0833	0.95	1	1	7.91544
Lane_str_opr	BOBJ1	84.5033	After	Interior Girder 4	28.0833	0.95	1	1	7.91544
Lane_str_opr	BOBJ1	84.5033	After	Interior Girder 5	28.0833	0.95	1	1	7.786663
Lane_str_opr	BOBJ1	84.5033	After	Interior Girder 6	28.0833	0.95	1	1	7.944563
Lane_str_opr	BOBJ1	84.5033	After	Right Exterior Girder	28.0833	0.95	1	1	9.74541
Lane_str_opr	BOBJ1	90.12	Before	Left Exterior Girder	33.7	0.95	1	1	8.358816
Lane_str_opr	BOBJ1	90.12	Before	Interior Girder 1	33.7	0.95	1	1	7.519895
Lane_str_opr	BOBJ1	90.12	Before	Interior Girder 2	33.7	0.95	1	1	7.267925
Lane_str_opr	BOBJ1	90.12	Before	Interior Girder 3	33.7	0.95	1	1	7.403428
Lane_str_opr	BOBJ1	90.12	Before	Interior Girder 4	33.7	0.95	1	1	7.403428
Lane_str_opr	BOBJ1	90.12	Before	Interior Girder 5	33.7	0.95	1	1	7.267925
Lane_str_opr	BOBJ1	90.12	Before	Interior Girder 6	33.7	0.95	1	1	7.519895
Lane_str_opr	BOBJ1	90.12	Before	Right Exterior Girder	33.7	0.95	1	1	8.358816
Lane_str_opr	BOBJ1	90.12	After	Left Exterior Girder	33.7	0.95	1	1	8.399542
Lane_str_opr	BOBJ1	90.12	After	Interior Girder 1	33.7	0.95	1	1	7.495137
Lane_str_opr	BOBJ1	90.12	After	Interior Girder 2	33.7	0.95	1	1	7.261234
Lane_str_opr	BOBJ1	90.12	After	Interior Girder 3	33.7	0.95	1	1	7.397844
Lane_str_opr	BOBJ1	90.12	After	Interior Girder 4	33.7	0.95	1	1	7.397844
Lane_str_opr	BOBJ1	90.12	After	Interior Girder 5	33.7	0.95	1	1	7.261234
Lane_str_opr	BOBJ1	90.12	After	Interior Girder 6	33.7	0.95	1	1	7.495137
Lane_str_opr	BOBJ1	90.12	After	Right Exterior Girder	33.7	0.95	1	1	8.399542
Lane_str_opr	BOBJ1	95.7367	Before	Left Exterior Girder	39.3167	0.95	1	1	9.308886
Lane_str_opr	BOBJ1	95.7367	Before	Interior Girder 1	39.3167	0.95	1	1	7.68723
Lane_str_opr	BOBJ1	95.7367	Before	Interior Girder 2	39.3167	0.95	1	1	7.54402
Lane_str_opr	BOBJ1	95.7367	Before	Interior Girder 3	39.3167	0.95	1	1	7.691511
Lane_str_opr	BOBJ1	95.7367	Before	Interior Girder 4	39.3167	0.95	1	1	7.691511
Lane_str_opr	BOBJ1	95.7367	Before	Interior Girder 5	39.3167	0.95	1	1	7.54402
Lane_str_opr	BOBJ1	95.7367	Before	Interior Girder 6	39.3167	0.95	1	1	7.68723
Lane_str_opr	BOBJ1	95.7367	Before	Right Exterior Girder	39.3167	0.95	1	1	9.308886
Lane_str_opr	BOBJ1	95.7367	After	Left Exterior Girder	39.3167	0.95	1	1	9.357926
Lane_str_opr	BOBJ1	95.7367	After	Interior Girder 1	39.3167	0.95	1	1	7.664046
Lane_str_opr	BOBJ1	95.7367	After	Interior Girder 2	39.3167	0.95	1	1	7.513801
Lane_str_opr	BOBJ1	95.7367	After	Interior Girder 3	39.3167	0.95	1	1	7.621242
Lane_str_opr	BOBJ1	95.7367	After	Interior Girder 4	39.3167	0.95	1	1	7.621242
Lane_str_opr	BOBJ1	95.7367	After	Interior Girder 5	39.3167	0.95	1	1	7.513801
Lane_str_opr	BOBJ1	95.7367	After	Interior Girder 6	39.3167	0.95	1	1	7.664046
Lane_str_opr	BOBJ1	95.7367	After	Right Exterior Girder	39.3167	0.95	1	1	9.357926
Lane_str_opr	BOBJ1	101.3533	Before	Left Exterior Girder	44.9333	0.95	1	1	11.844078
Lane_str_opr	BOBJ1	101.3533	Before	Interior Girder 1	44.9333	0.95	1	1	9.316257
Lane_str_opr	BOBJ1	101.3533	Before	Interior Girder 2	44.9333	0.95	1	1	9.160196

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelINonCompStrgth-Flx - Approach, Span 12-1									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Lane_str_opr	BOBJ1	101.3533	Before	Interior Girder 3	44.9333	0.95	1	1	9.394766
Lane_str_opr	BOBJ1	101.3533	Before	Interior Girder 4	44.9333	0.95	1	1	9.394766
Lane_str_opr	BOBJ1	101.3533	Before	Interior Girder 5	44.9333	0.95	1	1	9.160196
Lane_str_opr	BOBJ1	101.3533	Before	Interior Girder 6	44.9333	0.95	1	1	9.316257
Lane_str_opr	BOBJ1	101.3533	Before	Right Exterior Girder	44.9333	0.95	1	1	11.844078
Lane_str_opr	BOBJ1	101.3533	After	Left Exterior Girder	44.9333	0.95	1	1	11.669182
Lane_str_opr	BOBJ1	101.3533	After	Interior Girder 1	44.9333	0.95	1	1	9.416959
Lane_str_opr	BOBJ1	101.3533	After	Interior Girder 2	44.9333	0.95	1	1	9.182118
Lane_str_opr	BOBJ1	101.3533	After	Interior Girder 3	44.9333	0.95	1	1	9.300333
Lane_str_opr	BOBJ1	101.3533	After	Interior Girder 4	44.9333	0.95	1	1	9.300333
Lane_str_opr	BOBJ1	101.3533	After	Interior Girder 5	44.9333	0.95	1	1	9.182118
Lane_str_opr	BOBJ1	101.3533	After	Interior Girder 6	44.9333	0.95	1	1	9.416959
Lane_str_opr	BOBJ1	101.3533	After	Right Exterior Girder	44.9333	0.95	1	1	11.669182
Lane_str_opr	BOBJ1	106.97	Before	Left Exterior Girder	50.55	0.95	1	1	17.11942
Lane_str_opr	BOBJ1	106.97	Before	Interior Girder 1	50.55	0.95	1	1	14.428501
Lane_str_opr	BOBJ1	106.97	Before	Interior Girder 2	50.55	0.95	1	1	13.751387
Lane_str_opr	BOBJ1	106.97	Before	Interior Girder 3	50.55	0.95	1	1	14.356001
Lane_str_opr	BOBJ1	106.97	Before	Interior Girder 4	50.55	0.95	1	1	14.356001
Lane_str_opr	BOBJ1	106.97	Before	Interior Girder 5	50.55	0.95	1	1	13.751387
Lane_str_opr	BOBJ1	106.97	Before	Interior Girder 6	50.55	0.95	1	1	14.428501
Lane_str_opr	BOBJ1	106.97	Before	Right Exterior Girder	50.55	0.95	1	1	17.11942
Lane_str_opr	BOBJ1	106.97	After	Left Exterior Girder	50.55	0.95	1	1	17.071895
Lane_str_opr	BOBJ1	106.97	After	Interior Girder 1	50.55	0.95	1	1	14.474996
Lane_str_opr	BOBJ1	106.97	After	Interior Girder 2	50.55	0.95	1	1	13.719012
Lane_str_opr	BOBJ1	106.97	After	Interior Girder 3	50.55	0.95	1	1	14.051266
Lane_str_opr	BOBJ1	106.97	After	Interior Girder 4	50.55	0.95	1	1	14.051266
Lane_str_opr	BOBJ1	106.97	After	Interior Girder 5	50.55	0.95	1	1	13.719012
Lane_str_opr	BOBJ1	106.97	After	Interior Girder 6	50.55	0.95	1	1	14.474996
Lane_str_opr	BOBJ1	106.97	After	Right Exterior Girder	50.55	0.95	1	1	17.071895
Lane_str_opr	BOBJ1	112.5933	Before	Left Exterior Girder	56.1733	0.95	1	1	12.980096
Lane_str_opr	BOBJ1	112.5933	Before	Interior Girder 1	56.1733	0.95	1	1	11.581642
Lane_str_opr	BOBJ1	112.5933	Before	Interior Girder 2	56.1733	0.95	1	1	10.961081
Lane_str_opr	BOBJ1	112.5933	Before	Interior Girder 3	56.1733	0.95	1	1	11.016571
Lane_str_opr	BOBJ1	112.5933	Before	Interior Girder 4	56.1733	0.95	1	1	11.016571
Lane_str_opr	BOBJ1	112.5933	Before	Interior Girder 5	56.1733	0.95	1	1	10.961081
Lane_str_opr	BOBJ1	112.5933	Before	Interior Girder 6	56.1733	0.95	1	1	11.581642
Lane_str_opr	BOBJ1	112.5933	Before	Right Exterior Girder	56.1733	0.95	1	1	12.980096
Lane_str_opr	BOBJ1	112.5933	After	Left Exterior Girder	56.1733	0.95	1	1	13.245827
Lane_str_opr	BOBJ1	112.5933	After	Interior Girder 1	56.1733	0.95	1	1	11.529932
Lane_str_opr	BOBJ1	112.5933	After	Interior Girder 2	56.1733	0.95	1	1	10.994401
Lane_str_opr	BOBJ1	112.5933	After	Interior Girder 3	56.1733	0.95	1	1	11.170114
Lane_str_opr	BOBJ1	112.5933	After	Interior Girder 4	56.1733	0.95	1	1	11.170114
Lane_str_opr	BOBJ1	112.5933	After	Interior Girder 5	56.1733	0.95	1	1	10.994401
Lane_str_opr	BOBJ1	112.5933	After	Interior Girder 6	56.1733	0.95	1	1	11.529932
Lane_str_opr	BOBJ1	112.5933	After	Right Exterior Girder	56.1733	0.95	1	1	13.245827
Lane_str_opr	BOBJ1	115.3396	Before	Left Exterior Girder	58.9196	0.95	1	1	9.485431
Lane_str_opr	BOBJ1	115.3396	Before	Right Exterior Girder	58.9196	0.95	1	1	9.485431
Lane_str_opr	BOBJ1	115.3396	After	Left Exterior Girder	58.9196	0.95	1	1	21.433895
Lane_str_opr	BOBJ1	115.3396	After	Right Exterior Girder	58.9196	0.95	1	1	21.433895
Lane_str_opr	BOBJ1	118.2167	Before	Left Exterior Girder	61.7967	0.95	1	1	15.724149
Lane_str_opr	BOBJ1	118.2167	Before	Interior Girder 1	61.9198	0.95	1	1	6.106409
Lane_str_opr	BOBJ1	118.2167	Before	Interior Girder 2	61.9198	0.95	1	1	6.007255
Lane_str_opr	BOBJ1	118.2167	Before	Interior Girder 3	61.9198	0.95	1	1	5.552097
Lane_str_opr	BOBJ1	118.2167	Before	Interior Girder 4	61.9198	0.95	1	1	5.552097
Lane_str_opr	BOBJ1	118.2167	Before	Interior Girder 5	61.9198	0.95	1	1	6.007255
Lane_str_opr	BOBJ1	118.2167	Before	Interior Girder 6	61.9198	0.95	1	1	6.106409
Lane_str_opr	BOBJ1	118.2167	Before	Right Exterior Girder	61.7967	0.95	1	1	15.724149
Lane_str_opr	BOBJ1	118.2167	After	Left Exterior Girder	61.7967	0.95	1	1	15.840861
Lane_str_opr	BOBJ1	118.2167	After	Interior Girder 1	61.9198	0.95	1	1	9.420166
Lane_str_opr	BOBJ1	118.2167	After	Interior Girder 2	61.9198	0.95	1	1	9.159873
Lane_str_opr	BOBJ1	118.2167	After	Interior Girder 3	61.9198	0.95	1	1	8.680792
Lane_str_opr	BOBJ1	118.2167	After	Interior Girder 4	61.9198	0.95	1	1	8.680792
Lane_str_opr	BOBJ1	118.2167	After	Interior Girder 5	61.9198	0.95	1	1	9.159873
Lane_str_opr	BOBJ1	118.2167	After	Interior Girder 6	61.9198	0.95	1	1	9.420166
Lane_str_opr	BOBJ1	118.2167	After	Right Exterior Girder	61.7967	0.95	1	1	15.840861

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelINonCompStrgth-Flx - Approach, Span 12-1									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Lane_str_opr	BOBJ1	123.84	Before	Left Exterior Girder	67.42	0.95	1	1	8.132219
Lane_str_opr	BOBJ1	123.84	Before	Interior Girder 1	67.42	0.95	1	1	4.729585
Lane_str_opr	BOBJ1	123.84	Before	Interior Girder 2	67.42	0.95	1	1	4.791632
Lane_str_opr	BOBJ1	123.84	Before	Interior Girder 3	67.42	0.95	1	1	4.169601
Lane_str_opr	BOBJ1	123.84	Before	Interior Girder 4	67.42	0.95	1	1	4.169601
Lane_str_opr	BOBJ1	123.84	Before	Interior Girder 5	67.42	0.95	1	1	4.791632
Lane_str_opr	BOBJ1	123.84	Before	Interior Girder 6	67.42	0.95	1	1	4.729585
Lane_str_opr	BOBJ1	123.84	Before	Right Exterior Girder	67.42	0.95	1	1	8.132219
Lane_str_opr	BOBJ1	123.84	After	Left Exterior Girder	0	0.95	1	1	8.71964
Lane_str_opr	BOBJ1	123.84	After	Interior Girder 1	0	0.95	1	1	5.107568
Lane_str_opr	BOBJ1	123.84	After	Interior Girder 2	0	0.95	1	1	5.157564
Lane_str_opr	BOBJ1	123.84	After	Interior Girder 3	0	0.95	1	1	4.480811
Lane_str_opr	BOBJ1	123.84	After	Interior Girder 4	0	0.95	1	1	4.480811
Lane_str_opr	BOBJ1	123.84	After	Interior Girder 5	0	0.95	1	1	5.157564
Lane_str_opr	BOBJ1	123.84	After	Interior Girder 6	0	0.95	1	1	5.107568
Lane_str_opr	BOBJ1	123.84	After	Right Exterior Girder	0	0.95	1	1	8.71964
Lane_str_opr	BOBJ1	129.34	Before	Interior Girder 1	5.5	0.95	1	1	9.856524
Lane_str_opr	BOBJ1	129.34	Before	Interior Girder 2	5.5	0.95	1	1	9.612454
Lane_str_opr	BOBJ1	129.34	Before	Interior Girder 3	5.5	0.95	1	1	9.106567
Lane_str_opr	BOBJ1	129.34	Before	Interior Girder 4	5.5	0.95	1	1	9.106567
Lane_str_opr	BOBJ1	129.34	Before	Interior Girder 5	5.5	0.95	1	1	9.612454
Lane_str_opr	BOBJ1	129.34	Before	Interior Girder 6	5.5	0.95	1	1	9.856524
Lane_str_opr	BOBJ1	129.34	After	Interior Girder 1	5.5	0.95	1	1	6.392823
Lane_str_opr	BOBJ1	129.34	After	Interior Girder 2	5.5	0.95	1	1	6.323794
Lane_str_opr	BOBJ1	129.34	After	Interior Girder 3	5.5	0.95	1	1	5.880215
Lane_str_opr	BOBJ1	129.34	After	Interior Girder 4	5.5	0.95	1	1	5.880215
Lane_str_opr	BOBJ1	129.34	After	Interior Girder 5	5.5	0.95	1	1	6.323794
Lane_str_opr	BOBJ1	129.34	After	Interior Girder 6	5.5	0.95	1	1	6.392823
Lane_str_opr	BOBJ1	130.79	Before	Left Exterior Girder	6.95	0.95	1	1	19.384536
Lane_str_opr	BOBJ1	130.79	Before	Interior Girder 1	6.95	0.95	1	1	7.85537
Lane_str_opr	BOBJ1	130.79	Before	Interior Girder 2	6.95	0.95	1	1	7.525456
Lane_str_opr	BOBJ1	130.79	Before	Interior Girder 3	6.95	0.95	1	1	7.221141
Lane_str_opr	BOBJ1	130.79	Before	Interior Girder 4	6.95	0.95	1	1	7.221141
Lane_str_opr	BOBJ1	130.79	Before	Interior Girder 5	6.95	0.95	1	1	7.525456
Lane_str_opr	BOBJ1	130.79	Before	Interior Girder 6	6.95	0.95	1	1	7.85537
Lane_str_opr	BOBJ1	130.79	Before	Right Exterior Girder	6.95	0.95	1	1	19.384536
Lane_str_opr	BOBJ1	130.79	After	Left Exterior Girder	6.95	0.95	1	1	19.57974
Lane_str_opr	BOBJ1	130.79	After	Interior Girder 1	6.95	0.95	1	1	7.81076
Lane_str_opr	BOBJ1	130.79	After	Interior Girder 2	6.95	0.95	1	1	7.490478
Lane_str_opr	BOBJ1	130.79	After	Interior Girder 3	6.95	0.95	1	1	7.119306
Lane_str_opr	BOBJ1	130.79	After	Interior Girder 4	6.95	0.95	1	1	7.119306
Lane_str_opr	BOBJ1	130.79	After	Interior Girder 5	6.95	0.95	1	1	7.490478
Lane_str_opr	BOBJ1	130.79	After	Interior Girder 6	6.95	0.95	1	1	7.81076
Lane_str_opr	BOBJ1	130.79	After	Right Exterior Girder	6.95	0.95	1	1	19.57974
Lane_str_opr	BOBJ1	132.34	Before	Left Exterior Girder	8.5	0.95	1	1	23.323391
Lane_str_opr	BOBJ1	132.34	Before	Right Exterior Girder	8.5	0.95	1	1	23.323391
Lane_str_opr	BOBJ1	132.34	After	Left Exterior Girder	8.5	0.95	1	1	10.191427
Lane_str_opr	BOBJ1	132.34	After	Right Exterior Girder	8.5	0.95	1	1	10.191427
Lane_str_opr	BOBJ1	137.74	Before	Left Exterior Girder	13.9	0.95	1	1	17.308669
Lane_str_opr	BOBJ1	137.74	Before	Interior Girder 1	13.9	0.95	1	1	15.243885
Lane_str_opr	BOBJ1	137.74	Before	Interior Girder 2	13.9	0.95	1	1	14.332875
Lane_str_opr	BOBJ1	137.74	Before	Interior Girder 3	13.9	0.95	1	1	15.476114
Lane_str_opr	BOBJ1	137.74	Before	Interior Girder 4	13.9	0.95	1	1	15.476114
Lane_str_opr	BOBJ1	137.74	Before	Interior Girder 5	13.9	0.95	1	1	14.332875
Lane_str_opr	BOBJ1	137.74	Before	Interior Girder 6	13.9	0.95	1	1	15.243885
Lane_str_opr	BOBJ1	137.74	Before	Right Exterior Girder	13.9	0.95	1	1	17.308669
Lane_str_opr	BOBJ1	137.74	After	Left Exterior Girder	13.9	0.95	1	1	18.742374
Lane_str_opr	BOBJ1	137.74	After	Interior Girder 1	13.9	0.95	1	1	16.928987
Lane_str_opr	BOBJ1	137.74	After	Interior Girder 2	13.9	0.95	1	1	15.789485
Lane_str_opr	BOBJ1	137.74	After	Interior Girder 3	13.9	0.95	1	1	16.840491
Lane_str_opr	BOBJ1	137.74	After	Interior Girder 4	13.9	0.95	1	1	16.840491
Lane_str_opr	BOBJ1	137.74	After	Interior Girder 5	13.9	0.95	1	1	15.789485
Lane_str_opr	BOBJ1	137.74	After	Interior Girder 6	13.9	0.95	1	1	16.928987
Lane_str_opr	BOBJ1	137.74	After	Right Exterior Girder	13.9	0.95	1	1	18.742374
Lane_str_opr	BOBJ1	143.7733	Before	Left Exterior Girder	19.9333	0.95	1	1	13.854204

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelINonCompStrgth-Flx - Approach, Span 12-1									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Lane_str_opr	BOBJ1	143.7733	Before	Interior Girder 1	19.9333	0.95	1	1	10.724634
Lane_str_opr	BOBJ1	143.7733	Before	Interior Girder 2	19.9333	0.95	1	1	10.499877
Lane_str_opr	BOBJ1	143.7733	Before	Interior Girder 3	19.9333	0.95	1	1	10.650577
Lane_str_opr	BOBJ1	143.7733	Before	Interior Girder 4	19.9333	0.95	1	1	10.650577
Lane_str_opr	BOBJ1	143.7733	Before	Interior Girder 5	19.9333	0.95	1	1	10.499877
Lane_str_opr	BOBJ1	143.7733	Before	Interior Girder 6	19.9333	0.95	1	1	10.724634
Lane_str_opr	BOBJ1	143.7733	Before	Right Exterior Girder	19.9333	0.95	1	1	13.854204
Lane_str_opr	BOBJ1	143.7733	After	Left Exterior Girder	19.9333	0.95	1	1	14.069058
Lane_str_opr	BOBJ1	143.7733	After	Interior Girder 1	19.9333	0.95	1	1	10.588142
Lane_str_opr	BOBJ1	143.7733	After	Interior Girder 2	19.9333	0.95	1	1	10.493998
Lane_str_opr	BOBJ1	143.7733	After	Interior Girder 3	19.9333	0.95	1	1	10.816888
Lane_str_opr	BOBJ1	143.7733	After	Interior Girder 4	19.9333	0.95	1	1	10.816888
Lane_str_opr	BOBJ1	143.7733	After	Interior Girder 5	19.9333	0.95	1	1	10.493998
Lane_str_opr	BOBJ1	143.7733	After	Interior Girder 6	19.9333	0.95	1	1	10.588142
Lane_str_opr	BOBJ1	143.7733	After	Right Exterior Girder	19.9333	0.95	1	1	14.069058
Lane_str_opr	BOBJ1	149.8067	Before	Left Exterior Girder	25.9667	0.95	1	1	9.894235
Lane_str_opr	BOBJ1	149.8067	Before	Interior Girder 1	25.9667	0.95	1	1	7.952752
Lane_str_opr	BOBJ1	149.8067	Before	Interior Girder 2	25.9667	0.95	1	1	7.801786
Lane_str_opr	BOBJ1	149.8067	Before	Interior Girder 3	25.9667	0.95	1	1	7.917168
Lane_str_opr	BOBJ1	149.8067	Before	Interior Girder 4	25.9667	0.95	1	1	7.917168
Lane_str_opr	BOBJ1	149.8067	Before	Interior Girder 5	25.9667	0.95	1	1	7.801786
Lane_str_opr	BOBJ1	149.8067	Before	Interior Girder 6	25.9667	0.95	1	1	7.952752
Lane_str_opr	BOBJ1	149.8067	Before	Right Exterior Girder	25.9667	0.95	1	1	9.894235
Lane_str_opr	BOBJ1	149.8067	After	Left Exterior Girder	25.9667	0.95	1	1	9.849778
Lane_str_opr	BOBJ1	149.8067	After	Interior Girder 1	25.9667	0.95	1	1	7.964277
Lane_str_opr	BOBJ1	149.8067	After	Interior Girder 2	25.9667	0.95	1	1	7.845371
Lane_str_opr	BOBJ1	149.8067	After	Interior Girder 3	25.9667	0.95	1	1	8.021028
Lane_str_opr	BOBJ1	149.8067	After	Interior Girder 4	25.9667	0.95	1	1	8.021028
Lane_str_opr	BOBJ1	149.8067	After	Interior Girder 5	25.9667	0.95	1	1	7.845371
Lane_str_opr	BOBJ1	149.8067	After	Interior Girder 6	25.9667	0.95	1	1	7.964277
Lane_str_opr	BOBJ1	149.8067	After	Right Exterior Girder	25.9667	0.95	1	1	9.849778
Lane_str_opr	BOBJ1	155.84	Before	Left Exterior Girder	32	0.95	1	1	8.197923
Lane_str_opr	BOBJ1	155.84	Before	Interior Girder 1	32	0.95	1	1	7.356166
Lane_str_opr	BOBJ1	155.84	Before	Interior Girder 2	32	0.95	1	1	7.103728
Lane_str_opr	BOBJ1	155.84	Before	Interior Girder 3	32	0.95	1	1	7.246443
Lane_str_opr	BOBJ1	155.84	Before	Interior Girder 4	32	0.95	1	1	7.246443
Lane_str_opr	BOBJ1	155.84	Before	Interior Girder 5	32	0.95	1	1	7.103728
Lane_str_opr	BOBJ1	155.84	Before	Interior Girder 6	32	0.95	1	1	7.356166
Lane_str_opr	BOBJ1	155.84	Before	Right Exterior Girder	32	0.95	1	1	8.197923
Lane_str_opr	BOBJ1	155.84	After	Left Exterior Girder	32	0.95	1	1	8.232007
Lane_str_opr	BOBJ1	155.84	After	Interior Girder 1	32	0.95	1	1	7.328846
Lane_str_opr	BOBJ1	155.84	After	Interior Girder 2	32	0.95	1	1	7.101276
Lane_str_opr	BOBJ1	155.84	After	Interior Girder 3	32	0.95	1	1	7.248798
Lane_str_opr	BOBJ1	155.84	After	Interior Girder 4	32	0.95	1	1	7.248798
Lane_str_opr	BOBJ1	155.84	After	Interior Girder 5	32	0.95	1	1	7.101276
Lane_str_opr	BOBJ1	155.84	After	Interior Girder 6	32	0.95	1	1	7.328846
Lane_str_opr	BOBJ1	155.84	After	Right Exterior Girder	32	0.95	1	1	8.232007
Lane_str_opr	BOBJ1	161.8733	Before	Left Exterior Girder	38.0333	0.95	1	1	9.174728
Lane_str_opr	BOBJ1	161.8733	Before	Interior Girder 1	38.0333	0.95	1	1	7.433434
Lane_str_opr	BOBJ1	161.8733	Before	Interior Girder 2	38.0333	0.95	1	1	7.280529
Lane_str_opr	BOBJ1	161.8733	Before	Interior Girder 3	38.0333	0.95	1	1	7.403392
Lane_str_opr	BOBJ1	161.8733	Before	Interior Girder 4	38.0333	0.95	1	1	7.403392
Lane_str_opr	BOBJ1	161.8733	Before	Interior Girder 5	38.0333	0.95	1	1	7.280529
Lane_str_opr	BOBJ1	161.8733	Before	Interior Girder 6	38.0333	0.95	1	1	7.433434
Lane_str_opr	BOBJ1	161.8733	Before	Right Exterior Girder	38.0333	0.95	1	1	9.174728
Lane_str_opr	BOBJ1	161.8733	After	Left Exterior Girder	38.0333	0.95	1	1	9.216133
Lane_str_opr	BOBJ1	161.8733	After	Interior Girder 1	38.0333	0.95	1	1	7.408605
Lane_str_opr	BOBJ1	161.8733	After	Interior Girder 2	38.0333	0.95	1	1	7.251924
Lane_str_opr	BOBJ1	161.8733	After	Interior Girder 3	38.0333	0.95	1	1	7.336628
Lane_str_opr	BOBJ1	161.8733	After	Interior Girder 4	38.0333	0.95	1	1	7.336628
Lane_str_opr	BOBJ1	161.8733	After	Interior Girder 5	38.0333	0.95	1	1	7.251924
Lane_str_opr	BOBJ1	161.8733	After	Interior Girder 6	38.0333	0.95	1	1	7.408605
Lane_str_opr	BOBJ1	161.8733	After	Right Exterior Girder	38.0333	0.95	1	1	9.216133
Lane_str_opr	BOBJ1	167.9067	Before	Left Exterior Girder	44.0667	0.95	1	1	12.115817
Lane_str_opr	BOBJ1	167.9067	Before	Interior Girder 1	44.0667	0.95	1	1	9.167069

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelINonCompStrgth-Flx - Approach, Span 12-1									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Lane_str_opr	BOBJ1	167.9067	Before	Interior Girder 2	44.0667	0.95	1	1	8.963655
Lane_str_opr	BOBJ1	167.9067	Before	Interior Girder 3	44.0667	0.95	1	1	9.125596
Lane_str_opr	BOBJ1	167.9067	Before	Interior Girder 4	44.0667	0.95	1	1	9.125596
Lane_str_opr	BOBJ1	167.9067	Before	Interior Girder 5	44.0667	0.95	1	1	8.963655
Lane_str_opr	BOBJ1	167.9067	Before	Interior Girder 6	44.0667	0.95	1	1	9.167069
Lane_str_opr	BOBJ1	167.9067	Before	Right Exterior Girder	44.0667	0.95	1	1	12.115817
Lane_str_opr	BOBJ1	167.9067	After	Left Exterior Girder	44.0667	0.95	1	1	11.875833
Lane_str_opr	BOBJ1	167.9067	After	Interior Girder 1	44.0667	0.95	1	1	9.286188
Lane_str_opr	BOBJ1	167.9067	After	Interior Girder 2	44.0667	0.95	1	1	8.992493
Lane_str_opr	BOBJ1	167.9067	After	Interior Girder 3	44.0667	0.95	1	1	9.031451
Lane_str_opr	BOBJ1	167.9067	After	Interior Girder 4	44.0667	0.95	1	1	9.031451
Lane_str_opr	BOBJ1	167.9067	After	Interior Girder 5	44.0667	0.95	1	1	8.992493
Lane_str_opr	BOBJ1	167.9067	After	Interior Girder 6	44.0667	0.95	1	1	9.286188
Lane_str_opr	BOBJ1	167.9067	After	Right Exterior Girder	44.0667	0.95	1	1	11.875833
Lane_str_opr	BOBJ1	173.94	Before	Left Exterior Girder	50.1	0.95	1	1	19.130542
Lane_str_opr	BOBJ1	173.94	Before	Interior Girder 1	50.1	0.95	1	1	15.359668
Lane_str_opr	BOBJ1	173.94	Before	Interior Girder 2	50.1	0.95	1	1	14.390987
Lane_str_opr	BOBJ1	173.94	Before	Interior Girder 3	50.1	0.95	1	1	14.809955
Lane_str_opr	BOBJ1	173.94	Before	Interior Girder 4	50.1	0.95	1	1	14.809955
Lane_str_opr	BOBJ1	173.94	Before	Interior Girder 5	50.1	0.95	1	1	14.390987
Lane_str_opr	BOBJ1	173.94	Before	Interior Girder 6	50.1	0.95	1	1	15.359668
Lane_str_opr	BOBJ1	173.94	Before	Right Exterior Girder	50.1	0.95	1	1	19.130542
Lane_str_opr	BOBJ1	173.94	After	Left Exterior Girder	50.1	0.95	1	1	19.03604
Lane_str_opr	BOBJ1	173.94	After	Interior Girder 1	50.1	0.95	1	1	15.429216
Lane_str_opr	BOBJ1	173.94	After	Interior Girder 2	50.1	0.95	1	1	14.344512
Lane_str_opr	BOBJ1	173.94	After	Interior Girder 3	50.1	0.95	1	1	14.447882
Lane_str_opr	BOBJ1	173.94	After	Interior Girder 4	50.1	0.95	1	1	14.447882
Lane_str_opr	BOBJ1	173.94	After	Interior Girder 5	50.1	0.95	1	1	14.344512
Lane_str_opr	BOBJ1	173.94	After	Interior Girder 6	50.1	0.95	1	1	15.429216
Lane_str_opr	BOBJ1	173.94	After	Right Exterior Girder	50.1	0.95	1	1	19.03604
Lane_str_opr	BOBJ1	179.98	Before	Left Exterior Girder	56.14	0.95	1	1	18.292137
Lane_str_opr	BOBJ1	179.98	Before	Interior Girder 1	56.14	0.95	1	1	15.384455
Lane_str_opr	BOBJ1	179.98	Before	Interior Girder 2	56.14	0.95	1	1	14.564057
Lane_str_opr	BOBJ1	179.98	Before	Interior Girder 3	56.14	0.95	1	1	14.383827
Lane_str_opr	BOBJ1	179.98	Before	Interior Girder 4	56.14	0.95	1	1	14.383827
Lane_str_opr	BOBJ1	179.98	Before	Interior Girder 5	56.14	0.95	1	1	14.564057
Lane_str_opr	BOBJ1	179.98	Before	Interior Girder 6	56.14	0.95	1	1	15.384455
Lane_str_opr	BOBJ1	179.98	Before	Right Exterior Girder	56.14	0.95	1	1	18.292137
Lane_str_opr	BOBJ1	179.98	After	Left Exterior Girder	56.14	0.95	1	1	18.854643
Lane_str_opr	BOBJ1	179.98	After	Interior Girder 1	56.14	0.95	1	1	15.314157
Lane_str_opr	BOBJ1	179.98	After	Interior Girder 2	56.14	0.95	1	1	14.619405
Lane_str_opr	BOBJ1	179.98	After	Interior Girder 3	56.14	0.95	1	1	14.639324
Lane_str_opr	BOBJ1	179.98	After	Interior Girder 4	56.14	0.95	1	1	14.639324
Lane_str_opr	BOBJ1	179.98	After	Interior Girder 5	56.14	0.95	1	1	14.619405
Lane_str_opr	BOBJ1	179.98	After	Interior Girder 6	56.14	0.95	1	1	15.314157
Lane_str_opr	BOBJ1	179.98	After	Right Exterior Girder	56.14	0.95	1	1	18.854643
Lane_str_opr	BOBJ1	183.56	Before	Left Exterior Girder	59.72	0.95	1	1	11.027369
Lane_str_opr	BOBJ1	183.56	Before	Right Exterior Girder	59.72	0.95	1	1	11.027369
Lane_str_opr	BOBJ1	183.56	After	Left Exterior Girder	59.72	0.95	1	1	27.143939
Lane_str_opr	BOBJ1	183.56	After	Right Exterior Girder	59.72	0.95	1	1	27.143939
Lane_str_opr	BOBJ1	186.02	Before	Left Exterior Girder	62.18	0.95	1	1	19.428733
Lane_str_opr	BOBJ1	186.02	Before	Interior Girder 1	62.22	0.95	1	1	6.98451
Lane_str_opr	BOBJ1	186.02	Before	Interior Girder 2	62.22	0.95	1	1	6.935814
Lane_str_opr	BOBJ1	186.02	Before	Interior Girder 3	62.22	0.95	1	1	6.314115
Lane_str_opr	BOBJ1	186.02	Before	Interior Girder 4	62.22	0.95	1	1	6.314115
Lane_str_opr	BOBJ1	186.02	Before	Interior Girder 5	62.22	0.95	1	1	6.935814
Lane_str_opr	BOBJ1	186.02	Before	Interior Girder 6	62.22	0.95	1	1	6.98451
Lane_str_opr	BOBJ1	186.02	Before	Right Exterior Girder	62.18	0.95	1	1	19.428733
Lane_str_opr	BOBJ1	186.02	After	Left Exterior Girder	62.18	0.95	1	1	19.616184
Lane_str_opr	BOBJ1	186.02	After	Interior Girder 1	62.22	0.95	1	1	11.444031
Lane_str_opr	BOBJ1	186.02	After	Interior Girder 2	62.22	0.95	1	1	11.210718
Lane_str_opr	BOBJ1	186.02	After	Interior Girder 3	62.22	0.95	1	1	10.510928
Lane_str_opr	BOBJ1	186.02	After	Interior Girder 4	62.22	0.95	1	1	10.510928
Lane_str_opr	BOBJ1	186.02	After	Interior Girder 5	62.22	0.95	1	1	11.210718
Lane_str_opr	BOBJ1	186.02	After	Interior Girder 6	62.22	0.95	1	1	11.444031

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelINonCompStrgth-Flx - Approach, Span 12-1									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Lane_str_opr	BOBJ1	186.02	After	Right Exterior Girder	62.18	0.95	1	1	19.616184
Lane_str_opr	BOBJ1	192.06	Before	Left Exterior Girder	68.22	0.95	1	1	9.056792
Lane_str_opr	BOBJ1	192.06	Before	Interior Girder 1	68.22	0.95	1	1	5.226164
Lane_str_opr	BOBJ1	192.06	Before	Interior Girder 2	68.22	0.95	1	1	5.349267
Lane_str_opr	BOBJ1	192.06	Before	Interior Girder 3	68.22	0.95	1	1	4.617402
Lane_str_opr	BOBJ1	192.06	Before	Interior Girder 4	68.22	0.95	1	1	4.617402
Lane_str_opr	BOBJ1	192.06	Before	Interior Girder 5	68.22	0.95	1	1	5.349267
Lane_str_opr	BOBJ1	192.06	Before	Interior Girder 6	68.22	0.95	1	1	5.226164
Lane_str_opr	BOBJ1	192.06	Before	Right Exterior Girder	68.22	0.95	1	1	9.056792
Lane_str_opr	BOBJ1	192.06	After	Left Exterior Girder	0	0.95	1	1	11.619856
Lane_str_opr	BOBJ1	192.06	After	Interior Girder 1	0	0.95	1	1	6.678123
Lane_str_opr	BOBJ1	192.06	After	Interior Girder 2	0	0.95	1	1	6.778698
Lane_str_opr	BOBJ1	192.06	After	Interior Girder 3	0	0.95	1	1	5.900647
Lane_str_opr	BOBJ1	192.06	After	Interior Girder 4	0	0.95	1	1	5.900647
Lane_str_opr	BOBJ1	192.06	After	Interior Girder 5	0	0.95	1	1	6.778698
Lane_str_opr	BOBJ1	192.06	After	Interior Girder 6	0	0.95	1	1	6.678123
Lane_str_opr	BOBJ1	192.06	After	Right Exterior Girder	0	0.95	1	1	11.619856
Lane_str_opr	BOBJ1	197.087	Before	Interior Girder 1	5.027	0.95	1	1	11.831646
Lane_str_opr	BOBJ1	197.087	Before	Interior Girder 2	5.027	0.95	1	1	11.538028
Lane_str_opr	BOBJ1	197.087	Before	Interior Girder 3	5.027	0.95	1	1	11.251355
Lane_str_opr	BOBJ1	197.087	Before	Interior Girder 4	5.027	0.95	1	1	11.251355
Lane_str_opr	BOBJ1	197.087	Before	Interior Girder 5	5.027	0.95	1	1	11.538028
Lane_str_opr	BOBJ1	197.087	Before	Interior Girder 6	5.027	0.95	1	1	11.831646
Lane_str_opr	BOBJ1	197.087	After	Interior Girder 1	5.027	0.95	1	1	7.266363
Lane_str_opr	BOBJ1	197.087	After	Interior Girder 2	5.027	0.95	1	1	7.15298
Lane_str_opr	BOBJ1	197.087	After	Interior Girder 3	5.027	0.95	1	1	6.885096
Lane_str_opr	BOBJ1	197.087	After	Interior Girder 4	5.027	0.95	1	1	6.885096
Lane_str_opr	BOBJ1	197.087	After	Interior Girder 5	5.027	0.95	1	1	7.15298
Lane_str_opr	BOBJ1	197.087	After	Interior Girder 6	5.027	0.95	1	1	7.266363
Lane_str_opr	BOBJ1	197.91	Before	Left Exterior Girder	5.85	0.95	1	1	21.050864
Lane_str_opr	BOBJ1	197.91	Before	Interior Girder 1	5.85	0.95	1	1	8.137827
Lane_str_opr	BOBJ1	197.91	Before	Interior Girder 2	5.85	0.95	1	1	7.83613
Lane_str_opr	BOBJ1	197.91	Before	Interior Girder 3	5.85	0.95	1	1	7.725837
Lane_str_opr	BOBJ1	197.91	Before	Interior Girder 4	5.85	0.95	1	1	7.725837
Lane_str_opr	BOBJ1	197.91	Before	Interior Girder 5	5.85	0.95	1	1	7.83613
Lane_str_opr	BOBJ1	197.91	Before	Interior Girder 6	5.85	0.95	1	1	8.137827
Lane_str_opr	BOBJ1	197.91	Before	Right Exterior Girder	5.85	0.95	1	1	21.050864
Lane_str_opr	BOBJ1	197.91	After	Left Exterior Girder	5.85	0.95	1	1	17.785504
Lane_str_opr	BOBJ1	197.91	After	Interior Girder 1	5.85	0.95	1	1	6.771412
Lane_str_opr	BOBJ1	197.91	After	Interior Girder 2	5.85	0.95	1	1	6.538895
Lane_str_opr	BOBJ1	197.91	After	Interior Girder 3	5.85	0.95	1	1	6.350532
Lane_str_opr	BOBJ1	197.91	After	Interior Girder 4	5.85	0.95	1	1	6.350532
Lane_str_opr	BOBJ1	197.91	After	Interior Girder 5	5.85	0.95	1	1	6.538895
Lane_str_opr	BOBJ1	197.91	After	Interior Girder 6	5.85	0.95	1	1	6.771412
Lane_str_opr	BOBJ1	197.91	After	Right Exterior Girder	5.85	0.95	1	1	17.785504
Lane_str_opr	BOBJ1	199.1816	Before	Left Exterior Girder	7.1216	0.95	1	1	19.880712
Lane_str_opr	BOBJ1	199.1816	Before	Right Exterior Girder	7.1216	0.95	1	1	19.880712
Lane_str_opr	BOBJ1	199.1816	After	Left Exterior Girder	7.1216	0.95	1	1	7.905634
Lane_str_opr	BOBJ1	199.1816	After	Right Exterior Girder	7.1216	0.95	1	1	7.905634
Lane_str_opr	BOBJ1	203.5267	Before	Left Exterior Girder	11.3107	0.95	1	1	11.961194
Lane_str_opr	BOBJ1	203.5267	Before	Interior Girder 1	11.3107	0.95	1	1	11.428563
Lane_str_opr	BOBJ1	203.5267	Before	Interior Girder 2	11.3107	0.95	1	1	10.836065
Lane_str_opr	BOBJ1	203.5267	Before	Interior Girder 3	11.3107	0.95	1	1	11.406049
Lane_str_opr	BOBJ1	203.5267	Before	Interior Girder 4	11.3107	0.95	1	1	11.406049
Lane_str_opr	BOBJ1	203.5267	Before	Interior Girder 5	11.3107	0.95	1	1	10.836065
Lane_str_opr	BOBJ1	203.5267	Before	Interior Girder 6	11.3107	0.95	1	1	11.428563
Lane_str_opr	BOBJ1	203.5267	Before	Right Exterior Girder	11.3107	0.95	1	1	11.961194
Lane_str_opr	BOBJ1	203.5267	After	Left Exterior Girder	11.3107	0.95	1	1	19.123022
Lane_str_opr	BOBJ1	203.5267	After	Interior Girder 1	11.3107	0.95	1	1	18.167352
Lane_str_opr	BOBJ1	203.5267	After	Interior Girder 2	11.3107	0.95	1	1	17.227644
Lane_str_opr	BOBJ1	203.5267	After	Interior Girder 3	11.3107	0.95	1	1	18.052349
Lane_str_opr	BOBJ1	203.5267	After	Interior Girder 4	11.3107	0.95	1	1	18.052349
Lane_str_opr	BOBJ1	203.5267	After	Interior Girder 5	11.3107	0.95	1	1	17.227644
Lane_str_opr	BOBJ1	203.5267	After	Interior Girder 6	11.3107	0.95	1	1	18.167352
Lane_str_opr	BOBJ1	203.5267	After	Right Exterior Girder	11.3107	0.95	1	1	19.123022

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelINonCompStrgth-Flx - Approach, Span 12-1									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Lane_str_opr	BOBJ1	209.1433	Before	Left Exterior Girder	17.0833	0.95	1	1	22.024289
Lane_str_opr	BOBJ1	209.1433	Before	Interior Girder 1	17.0833	0.95	1	1	16.28365
Lane_str_opr	BOBJ1	209.1433	Before	Interior Girder 2	17.0833	0.95	1	1	15.926253
Lane_str_opr	BOBJ1	209.1433	Before	Interior Girder 3	17.0833	0.95	1	1	16.366216
Lane_str_opr	BOBJ1	209.1433	Before	Interior Girder 4	17.0833	0.95	1	1	16.366216
Lane_str_opr	BOBJ1	209.1433	Before	Interior Girder 5	17.0833	0.95	1	1	15.926253
Lane_str_opr	BOBJ1	209.1433	Before	Interior Girder 6	17.0833	0.95	1	1	16.28365
Lane_str_opr	BOBJ1	209.1433	Before	Right Exterior Girder	17.0833	0.95	1	1	22.024289
Lane_str_opr	BOBJ1	209.1433	After	Left Exterior Girder	17.0833	0.95	1	1	21.667265
Lane_str_opr	BOBJ1	209.1433	After	Interior Girder 1	17.0833	0.95	1	1	16.412387
Lane_str_opr	BOBJ1	209.1433	After	Interior Girder 2	17.0833	0.95	1	1	16.064052
Lane_str_opr	BOBJ1	209.1433	After	Interior Girder 3	17.0833	0.95	1	1	16.721557
Lane_str_opr	BOBJ1	209.1433	After	Interior Girder 4	17.0833	0.95	1	1	16.721557
Lane_str_opr	BOBJ1	209.1433	After	Interior Girder 5	17.0833	0.95	1	1	16.064052
Lane_str_opr	BOBJ1	209.1433	After	Interior Girder 6	17.0833	0.95	1	1	16.412387
Lane_str_opr	BOBJ1	209.1433	After	Right Exterior Girder	17.0833	0.95	1	1	21.667265
Lane_str_opr	BOBJ1	214.76	Before	Left Exterior Girder	22.7	0.95	1	1	15.798133
Lane_str_opr	BOBJ1	214.76	Before	Interior Girder 1	22.7	0.95	1	1	12.711466
Lane_str_opr	BOBJ1	214.76	Before	Interior Girder 2	22.7	0.95	1	1	12.263326
Lane_str_opr	BOBJ1	214.76	Before	Interior Girder 3	22.7	0.95	1	1	12.485717
Lane_str_opr	BOBJ1	214.76	Before	Interior Girder 4	22.7	0.95	1	1	12.485717
Lane_str_opr	BOBJ1	214.76	Before	Interior Girder 5	22.7	0.95	1	1	12.263326
Lane_str_opr	BOBJ1	214.76	Before	Interior Girder 6	22.7	0.95	1	1	12.711466
Lane_str_opr	BOBJ1	214.76	Before	Right Exterior Girder	22.7	0.95	1	1	15.798133
Lane_str_opr	BOBJ1	214.76	After	Left Exterior Girder	22.7	0.95	1	1	15.825904
Lane_str_opr	BOBJ1	214.76	After	Interior Girder 1	22.7	0.95	1	1	12.687899
Lane_str_opr	BOBJ1	214.76	After	Interior Girder 2	22.7	0.95	1	1	12.273109
Lane_str_opr	BOBJ1	214.76	After	Interior Girder 3	22.7	0.95	1	1	12.575609
Lane_str_opr	BOBJ1	214.76	After	Interior Girder 4	22.7	0.95	1	1	12.575609
Lane_str_opr	BOBJ1	214.76	After	Interior Girder 5	22.7	0.95	1	1	12.273109
Lane_str_opr	BOBJ1	214.76	After	Interior Girder 6	22.7	0.95	1	1	12.687899
Lane_str_opr	BOBJ1	214.76	After	Right Exterior Girder	22.7	0.95	1	1	15.825904
Lane_str_opr	BOBJ1	220.3767	Before	Left Exterior Girder	28.3167	0.95	1	1	14.371394
Lane_str_opr	BOBJ1	220.3767	Before	Interior Girder 1	28.3167	0.95	1	1	10.808378
Lane_str_opr	BOBJ1	220.3767	Before	Interior Girder 2	28.3167	0.95	1	1	10.641924
Lane_str_opr	BOBJ1	220.3767	Before	Interior Girder 3	28.3167	0.95	1	1	10.757217
Lane_str_opr	BOBJ1	220.3767	Before	Interior Girder 4	28.3167	0.95	1	1	10.757217
Lane_str_opr	BOBJ1	220.3767	Before	Interior Girder 5	28.3167	0.95	1	1	10.641924
Lane_str_opr	BOBJ1	220.3767	Before	Interior Girder 6	28.3167	0.95	1	1	10.808378
Lane_str_opr	BOBJ1	220.3767	Before	Right Exterior Girder	28.3167	0.95	1	1	14.371394
Lane_str_opr	BOBJ1	220.3767	After	Left Exterior Girder	28.3167	0.95	1	1	14.455107
Lane_str_opr	BOBJ1	220.3767	After	Interior Girder 1	28.3167	0.95	1	1	10.768091
Lane_str_opr	BOBJ1	220.3767	After	Interior Girder 2	28.3167	0.95	1	1	10.604286
Lane_str_opr	BOBJ1	220.3767	After	Interior Girder 3	28.3167	0.95	1	1	10.738401
Lane_str_opr	BOBJ1	220.3767	After	Interior Girder 4	28.3167	0.95	1	1	10.738401
Lane_str_opr	BOBJ1	220.3767	After	Interior Girder 5	28.3167	0.95	1	1	10.604286
Lane_str_opr	BOBJ1	220.3767	After	Interior Girder 6	28.3167	0.95	1	1	10.768091
Lane_str_opr	BOBJ1	220.3767	After	Right Exterior Girder	28.3167	0.95	1	1	14.455107
Lane_str_opr	BOBJ1	225.9933	Before	Left Exterior Girder	33.9333	0.95	1	1	14.421593
Lane_str_opr	BOBJ1	225.9933	Before	Interior Girder 1	33.9333	0.95	1	1	10.595419
Lane_str_opr	BOBJ1	225.9933	Before	Interior Girder 2	33.9333	0.95	1	1	10.503159
Lane_str_opr	BOBJ1	225.9933	Before	Interior Girder 3	33.9333	0.95	1	1	10.581247
Lane_str_opr	BOBJ1	225.9933	Before	Interior Girder 4	33.9333	0.95	1	1	10.581247
Lane_str_opr	BOBJ1	225.9933	Before	Interior Girder 5	33.9333	0.95	1	1	10.503159
Lane_str_opr	BOBJ1	225.9933	Before	Interior Girder 6	33.9333	0.95	1	1	10.595419
Lane_str_opr	BOBJ1	225.9933	Before	Right Exterior Girder	33.9333	0.95	1	1	14.421593
Lane_str_opr	BOBJ1	225.9933	After	Left Exterior Girder	33.9333	0.95	1	1	14.290982
Lane_str_opr	BOBJ1	225.9933	After	Interior Girder 1	33.9333	0.95	1	1	10.661689
Lane_str_opr	BOBJ1	225.9933	After	Interior Girder 2	33.9333	0.95	1	1	10.502146
Lane_str_opr	BOBJ1	225.9933	After	Interior Girder 3	33.9333	0.95	1	1	10.544384
Lane_str_opr	BOBJ1	225.9933	After	Interior Girder 4	33.9333	0.95	1	1	10.544384
Lane_str_opr	BOBJ1	225.9933	After	Interior Girder 5	33.9333	0.95	1	1	10.502146
Lane_str_opr	BOBJ1	225.9933	After	Interior Girder 6	33.9333	0.95	1	1	10.661689
Lane_str_opr	BOBJ1	225.9933	After	Right Exterior Girder	33.9333	0.95	1	1	14.290982
Lane_str_opr	BOBJ1	231.61	Before	Left Exterior Girder	39.55	0.95	1	1	15.769166

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelINonCompStrgth-Flx - Approach, Span 12-1									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Lane_str_opr	BOBJ1	231.61	Before	Interior Girder 1	39.55	0.95	1	1	12.175057
Lane_str_opr	BOBJ1	231.61	Before	Interior Girder 2	39.55	0.95	1	1	11.935705
Lane_str_opr	BOBJ1	231.61	Before	Interior Girder 3	39.55	0.95	1	1	11.994272
Lane_str_opr	BOBJ1	231.61	Before	Interior Girder 4	39.55	0.95	1	1	11.994272
Lane_str_opr	BOBJ1	231.61	Before	Interior Girder 5	39.55	0.95	1	1	11.935705
Lane_str_opr	BOBJ1	231.61	Before	Interior Girder 6	39.55	0.95	1	1	12.175057
Lane_str_opr	BOBJ1	231.61	Before	Right Exterior Girder	39.55	0.95	1	1	15.769166
Lane_str_opr	BOBJ1	231.61	After	Left Exterior Girder	39.55	0.95	1	1	15.782562
Lane_str_opr	BOBJ1	231.61	After	Interior Girder 1	39.55	0.95	1	1	12.197713
Lane_str_opr	BOBJ1	231.61	After	Interior Girder 2	39.55	0.95	1	1	11.868575
Lane_str_opr	BOBJ1	231.61	After	Interior Girder 3	39.55	0.95	1	1	11.82484
Lane_str_opr	BOBJ1	231.61	After	Interior Girder 4	39.55	0.95	1	1	11.82484
Lane_str_opr	BOBJ1	231.61	After	Interior Girder 5	39.55	0.95	1	1	11.868575
Lane_str_opr	BOBJ1	231.61	After	Interior Girder 6	39.55	0.95	1	1	12.197713
Lane_str_opr	BOBJ1	231.61	After	Right Exterior Girder	39.55	0.95	1	1	15.782562
Lane_str_opr	BOBJ1	237.37	Before	Left Exterior Girder	45.31	0.95	1	1	22.797755
Lane_str_opr	BOBJ1	237.37	Before	Interior Girder 1	45.31	0.95	1	1	15.769111
Lane_str_opr	BOBJ1	237.37	Before	Interior Girder 2	45.31	0.95	1	1	15.781453
Lane_str_opr	BOBJ1	237.37	Before	Interior Girder 3	45.31	0.95	1	1	15.702805
Lane_str_opr	BOBJ1	237.37	Before	Interior Girder 4	45.31	0.95	1	1	15.702805
Lane_str_opr	BOBJ1	237.37	Before	Interior Girder 5	45.31	0.95	1	1	15.781453
Lane_str_opr	BOBJ1	237.37	Before	Interior Girder 6	45.31	0.95	1	1	15.769111
Lane_str_opr	BOBJ1	237.37	Before	Right Exterior Girder	45.31	0.95	1	1	22.797755
Lane_str_opr	BOBJ1	237.37	After	Left Exterior Girder	45.31	0.95	1	1	23.202964
Lane_str_opr	BOBJ1	237.37	After	Interior Girder 1	45.31	0.95	1	1	15.706867
Lane_str_opr	BOBJ1	237.37	After	Interior Girder 2	45.31	0.95	1	1	15.567445
Lane_str_opr	BOBJ1	237.37	After	Interior Girder 3	45.31	0.95	1	1	15.290493
Lane_str_opr	BOBJ1	237.37	After	Interior Girder 4	45.31	0.95	1	1	15.290493
Lane_str_opr	BOBJ1	237.37	After	Interior Girder 5	45.31	0.95	1	1	15.567445
Lane_str_opr	BOBJ1	237.37	After	Interior Girder 6	45.31	0.95	1	1	15.706867
Lane_str_opr	BOBJ1	237.37	After	Right Exterior Girder	45.31	0.95	1	1	23.202964
Lane_str_opr	BOBJ1	243.13	Before	Left Exterior Girder	51.07	0.95	1	1	46.929377
Lane_str_opr	BOBJ1	243.13	Before	Interior Girder 1	51.07	0.95	1	1	28.421524
Lane_str_opr	BOBJ1	243.13	Before	Interior Girder 2	51.07	0.95	1	1	29.018525
Lane_str_opr	BOBJ1	243.13	Before	Interior Girder 3	51.07	0.95	1	1	28.587704
Lane_str_opr	BOBJ1	243.13	Before	Interior Girder 4	51.07	0.95	1	1	28.587704
Lane_str_opr	BOBJ1	243.13	Before	Interior Girder 5	51.07	0.95	1	1	29.018525
Lane_str_opr	BOBJ1	243.13	Before	Interior Girder 6	51.07	0.95	1	1	28.421524
Lane_str_opr	BOBJ1	243.13	Before	Right Exterior Girder	51.07	0.95	1	1	46.929377
Lane_str_opr	BOBJ1	243.13	After	Left Exterior Girder	51.07	0.95	1	1	48.111981
Lane_str_opr	BOBJ1	243.13	After	Interior Girder 1	51.07	0.95	1	1	28.236519
Lane_str_opr	BOBJ1	243.13	After	Interior Girder 2	51.07	0.95	1	1	28.557766
Lane_str_opr	BOBJ1	243.13	After	Interior Girder 3	51.07	0.95	1	1	27.398834
Lane_str_opr	BOBJ1	243.13	After	Interior Girder 4	51.07	0.95	1	1	27.398834
Lane_str_opr	BOBJ1	243.13	After	Interior Girder 5	51.07	0.95	1	1	28.557766
Lane_str_opr	BOBJ1	243.13	After	Interior Girder 6	51.07	0.95	1	1	28.236519
Lane_str_opr	BOBJ1	243.13	After	Right Exterior Girder	51.07	0.95	1	1	48.111981
Lane_str_opr	BOBJ1	248.89	Before	Left Exterior Girder	56.83	0.95	1	1	2146.787257
Lane_str_opr	BOBJ1	248.89	Before	Interior Girder 1	56.83	0.95	1	1	1877.005053
Lane_str_opr	BOBJ1	248.89	Before	Interior Girder 2	56.83	0.95	1	1	1628.078486
Lane_str_opr	BOBJ1	248.89	Before	Interior Girder 3	56.83	0.95	1	1	1338.234041
Lane_str_opr	BOBJ1	248.89	Before	Interior Girder 4	56.83	0.95	1	1	1338.234044
Lane_str_opr	BOBJ1	248.89	Before	Interior Girder 5	56.83	0.95	1	1	1628.078486
Lane_str_opr	BOBJ1	248.89	Before	Interior Girder 6	56.83	0.95	1	1	1877.005052
Lane_str_opr	BOBJ1	248.89	Before	Right Exterior Girder	56.83	0.95	1	1	2146.787257
Lane_str_inv	BOBJ1	0	After	Left Exterior Girder	0	0.95	1	1	1034.651866
Lane_str_inv	BOBJ1	0	After	Interior Girder 1	0	0.95	1	1	937.172326
Lane_str_inv	BOBJ1	0	After	Interior Girder 2	0	0.95	1	1	872.996598
Lane_str_inv	BOBJ1	0	After	Interior Girder 3	0	0.95	1	1	734.92013
Lane_str_inv	BOBJ1	0	After	Interior Girder 4	0	0.95	1	1	734.920131
Lane_str_inv	BOBJ1	0	After	Interior Girder 5	0	0.95	1	1	872.996595
Lane_str_inv	BOBJ1	0	After	Interior Girder 6	0	0.95	1	1	937.172326
Lane_str_inv	BOBJ1	0	After	Right Exterior Girder	0	0.95	1	1	1034.651866
Lane_str_inv	BOBJ1	5.85	Before	Left Exterior Girder	5.85	0.95	1	1	25.666034
Lane_str_inv	BOBJ1	5.85	Before	Interior Girder 1	5.85	0.95	1	1	17.924696

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelINonCompStrgth-Flx - Approach, Span 12-1									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Lane_str_inv	BOBJ1	5.85	Before	Interior Girder 2	5.85	0.95	1	1	17.647682
Lane_str_inv	BOBJ1	5.85	Before	Interior Girder 3	5.85	0.95	1	1	16.80593
Lane_str_inv	BOBJ1	5.85	Before	Interior Girder 4	5.85	0.95	1	1	16.80593
Lane_str_inv	BOBJ1	5.85	Before	Interior Girder 5	5.85	0.95	1	1	17.647682
Lane_str_inv	BOBJ1	5.85	Before	Interior Girder 6	5.85	0.95	1	1	17.924696
Lane_str_inv	BOBJ1	5.85	Before	Right Exterior Girder	5.85	0.95	1	1	25.666034
Lane_str_inv	BOBJ1	5.85	After	Left Exterior Girder	5.85	0.95	1	1	25.485811
Lane_str_inv	BOBJ1	5.85	After	Interior Girder 1	5.85	0.95	1	1	17.866289
Lane_str_inv	BOBJ1	5.85	After	Interior Girder 2	5.85	0.95	1	1	17.828627
Lane_str_inv	BOBJ1	5.85	After	Interior Girder 3	5.85	0.95	1	1	17.319581
Lane_str_inv	BOBJ1	5.85	After	Interior Girder 4	5.85	0.95	1	1	17.319581
Lane_str_inv	BOBJ1	5.85	After	Interior Girder 5	5.85	0.95	1	1	17.828627
Lane_str_inv	BOBJ1	5.85	After	Interior Girder 6	5.85	0.95	1	1	17.866289
Lane_str_inv	BOBJ1	5.85	After	Right Exterior Girder	5.85	0.95	1	1	25.485811
Lane_str_inv	BOBJ1	11.4667	Before	Left Exterior Girder	11.4667	0.95	1	1	13.65527
Lane_str_inv	BOBJ1	11.4667	Before	Interior Girder 1	11.4667	0.95	1	1	9.47856
Lane_str_inv	BOBJ1	11.4667	Before	Interior Girder 2	11.4667	0.95	1	1	9.455531
Lane_str_inv	BOBJ1	11.4667	Before	Interior Girder 3	11.4667	0.95	1	1	9.220367
Lane_str_inv	BOBJ1	11.4667	Before	Interior Girder 4	11.4667	0.95	1	1	9.220367
Lane_str_inv	BOBJ1	11.4667	Before	Interior Girder 5	11.4667	0.95	1	1	9.455531
Lane_str_inv	BOBJ1	11.4667	Before	Interior Girder 6	11.4667	0.95	1	1	9.47856
Lane_str_inv	BOBJ1	11.4667	Before	Right Exterior Girder	11.4667	0.95	1	1	13.65527
Lane_str_inv	BOBJ1	11.4667	After	Left Exterior Girder	11.4667	0.95	1	1	13.733922
Lane_str_inv	BOBJ1	11.4667	After	Interior Girder 1	11.4667	0.95	1	1	9.3967
Lane_str_inv	BOBJ1	11.4667	After	Interior Girder 2	11.4667	0.95	1	1	9.511529
Lane_str_inv	BOBJ1	11.4667	After	Interior Girder 3	11.4667	0.95	1	1	9.403699
Lane_str_inv	BOBJ1	11.4667	After	Interior Girder 4	11.4667	0.95	1	1	9.403699
Lane_str_inv	BOBJ1	11.4667	After	Interior Girder 5	11.4667	0.95	1	1	9.511529
Lane_str_inv	BOBJ1	11.4667	After	Interior Girder 6	11.4667	0.95	1	1	9.3967
Lane_str_inv	BOBJ1	11.4667	After	Right Exterior Girder	11.4667	0.95	1	1	13.733922
Lane_str_inv	BOBJ1	17.0833	Before	Left Exterior Girder	17.0833	0.95	1	1	9.697947
Lane_str_inv	BOBJ1	17.0833	Before	Interior Girder 1	17.0833	0.95	1	1	7.129673
Lane_str_inv	BOBJ1	17.0833	Before	Interior Girder 2	17.0833	0.95	1	1	7.09772
Lane_str_inv	BOBJ1	17.0833	Before	Interior Girder 3	17.0833	0.95	1	1	7.058729
Lane_str_inv	BOBJ1	17.0833	Before	Interior Girder 4	17.0833	0.95	1	1	7.058729
Lane_str_inv	BOBJ1	17.0833	Before	Interior Girder 5	17.0833	0.95	1	1	7.09772
Lane_str_inv	BOBJ1	17.0833	Before	Interior Girder 6	17.0833	0.95	1	1	7.129673
Lane_str_inv	BOBJ1	17.0833	Before	Right Exterior Girder	17.0833	0.95	1	1	9.697947
Lane_str_inv	BOBJ1	17.0833	After	Left Exterior Girder	17.0833	0.95	1	1	9.630401
Lane_str_inv	BOBJ1	17.0833	After	Interior Girder 1	17.0833	0.95	1	1	7.141562
Lane_str_inv	BOBJ1	17.0833	After	Interior Girder 2	17.0833	0.95	1	1	7.157203
Lane_str_inv	BOBJ1	17.0833	After	Interior Girder 3	17.0833	0.95	1	1	7.170847
Lane_str_inv	BOBJ1	17.0833	After	Interior Girder 4	17.0833	0.95	1	1	7.170847
Lane_str_inv	BOBJ1	17.0833	After	Interior Girder 5	17.0833	0.95	1	1	7.157203
Lane_str_inv	BOBJ1	17.0833	After	Interior Girder 6	17.0833	0.95	1	1	7.141562
Lane_str_inv	BOBJ1	17.0833	After	Right Exterior Girder	17.0833	0.95	1	1	9.630401
Lane_str_inv	BOBJ1	22.7	Before	Left Exterior Girder	22.7	0.95	1	1	8.074958
Lane_str_inv	BOBJ1	22.7	Before	Interior Girder 1	22.7	0.95	1	1	6.553494
Lane_str_inv	BOBJ1	22.7	Before	Interior Girder 2	22.7	0.95	1	1	6.417659
Lane_str_inv	BOBJ1	22.7	Before	Interior Girder 3	22.7	0.95	1	1	6.488682
Lane_str_inv	BOBJ1	22.7	Before	Interior Girder 4	22.7	0.95	1	1	6.488682
Lane_str_inv	BOBJ1	22.7	Before	Interior Girder 5	22.7	0.95	1	1	6.417659
Lane_str_inv	BOBJ1	22.7	Before	Interior Girder 6	22.7	0.95	1	1	6.553494
Lane_str_inv	BOBJ1	22.7	Before	Right Exterior Girder	22.7	0.95	1	1	8.074958
Lane_str_inv	BOBJ1	22.7	After	Left Exterior Girder	22.7	0.95	1	1	8.111706
Lane_str_inv	BOBJ1	22.7	After	Interior Girder 1	22.7	0.95	1	1	6.528756
Lane_str_inv	BOBJ1	22.7	After	Interior Girder 2	22.7	0.95	1	1	6.431997
Lane_str_inv	BOBJ1	22.7	After	Interior Girder 3	22.7	0.95	1	1	6.516047
Lane_str_inv	BOBJ1	22.7	After	Interior Girder 4	22.7	0.95	1	1	6.516047
Lane_str_inv	BOBJ1	22.7	After	Interior Girder 5	22.7	0.95	1	1	6.431997
Lane_str_inv	BOBJ1	22.7	After	Interior Girder 6	22.7	0.95	1	1	6.528756
Lane_str_inv	BOBJ1	22.7	After	Right Exterior Girder	22.7	0.95	1	1	8.111706
Lane_str_inv	BOBJ1	28.3167	Before	Left Exterior Girder	28.3167	0.95	1	1	8.590109
Lane_str_inv	BOBJ1	28.3167	Before	Interior Girder 1	28.3167	0.95	1	1	6.550455
Lane_str_inv	BOBJ1	28.3167	Before	Interior Girder 2	28.3167	0.95	1	1	6.484302

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelINonCompStrgth-Flx - Approach, Span 12-1									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Lane_str_inv	BOBJ1	28.3167	Before	Interior Girder 3	28.3167	0.95	1	1	6.588502
Lane_str_inv	BOBJ1	28.3167	Before	Interior Girder 4	28.3167	0.95	1	1	6.588502
Lane_str_inv	BOBJ1	28.3167	Before	Interior Girder 5	28.3167	0.95	1	1	6.484302
Lane_str_inv	BOBJ1	28.3167	Before	Interior Girder 6	28.3167	0.95	1	1	6.550455
Lane_str_inv	BOBJ1	28.3167	Before	Right Exterior Girder	28.3167	0.95	1	1	8.590109
Lane_str_inv	BOBJ1	28.3167	After	Left Exterior Girder	28.3167	0.95	1	1	8.65334
Lane_str_inv	BOBJ1	28.3167	After	Interior Girder 1	28.3167	0.95	1	1	6.521436
Lane_str_inv	BOBJ1	28.3167	After	Interior Girder 2	28.3167	0.95	1	1	6.474078
Lane_str_inv	BOBJ1	28.3167	After	Interior Girder 3	28.3167	0.95	1	1	6.559573
Lane_str_inv	BOBJ1	28.3167	After	Interior Girder 4	28.3167	0.95	1	1	6.559573
Lane_str_inv	BOBJ1	28.3167	After	Interior Girder 5	28.3167	0.95	1	1	6.474078
Lane_str_inv	BOBJ1	28.3167	After	Interior Girder 6	28.3167	0.95	1	1	6.521436
Lane_str_inv	BOBJ1	28.3167	After	Right Exterior Girder	28.3167	0.95	1	1	8.65334
Lane_str_inv	BOBJ1	33.9333	Before	Left Exterior Girder	33.9333	0.95	1	1	10.222345
Lane_str_inv	BOBJ1	33.9333	Before	Interior Girder 1	33.9333	0.95	1	1	7.619691
Lane_str_inv	BOBJ1	33.9333	Before	Interior Girder 2	33.9333	0.95	1	1	7.527688
Lane_str_inv	BOBJ1	33.9333	Before	Interior Girder 3	33.9333	0.95	1	1	7.710349
Lane_str_inv	BOBJ1	33.9333	Before	Interior Girder 4	33.9333	0.95	1	1	7.710349
Lane_str_inv	BOBJ1	33.9333	Before	Interior Girder 5	33.9333	0.95	1	1	7.527688
Lane_str_inv	BOBJ1	33.9333	Before	Interior Girder 6	33.9333	0.95	1	1	7.619691
Lane_str_inv	BOBJ1	33.9333	Before	Right Exterior Girder	33.9333	0.95	1	1	10.222345
Lane_str_inv	BOBJ1	33.9333	After	Left Exterior Girder	33.9333	0.95	1	1	10.131726
Lane_str_inv	BOBJ1	33.9333	After	Interior Girder 1	33.9333	0.95	1	1	7.669608
Lane_str_inv	BOBJ1	33.9333	After	Interior Girder 2	33.9333	0.95	1	1	7.546664
Lane_str_inv	BOBJ1	33.9333	After	Interior Girder 3	33.9333	0.95	1	1	7.661994
Lane_str_inv	BOBJ1	33.9333	After	Interior Girder 4	33.9333	0.95	1	1	7.661994
Lane_str_inv	BOBJ1	33.9333	After	Interior Girder 5	33.9333	0.95	1	1	7.546664
Lane_str_inv	BOBJ1	33.9333	After	Interior Girder 6	33.9333	0.95	1	1	7.669608
Lane_str_inv	BOBJ1	33.9333	After	Right Exterior Girder	33.9333	0.95	1	1	10.131726
Lane_str_inv	BOBJ1	39.55	Before	Left Exterior Girder	39.55	0.95	1	1	13.358365
Lane_str_inv	BOBJ1	39.55	Before	Interior Girder 1	39.55	0.95	1	1	10.820096
Lane_str_inv	BOBJ1	39.55	Before	Interior Girder 2	39.55	0.95	1	1	10.443661
Lane_str_inv	BOBJ1	39.55	Before	Interior Girder 3	39.55	0.95	1	1	10.897968
Lane_str_inv	BOBJ1	39.55	Before	Interior Girder 4	39.55	0.95	1	1	10.897968
Lane_str_inv	BOBJ1	39.55	Before	Interior Girder 5	39.55	0.95	1	1	10.443661
Lane_str_inv	BOBJ1	39.55	Before	Interior Girder 6	39.55	0.95	1	1	10.820096
Lane_str_inv	BOBJ1	39.55	Before	Right Exterior Girder	39.55	0.95	1	1	13.358365
Lane_str_inv	BOBJ1	39.55	After	Left Exterior Girder	39.55	0.95	1	1	13.404402
Lane_str_inv	BOBJ1	39.55	After	Interior Girder 1	39.55	0.95	1	1	10.817947
Lane_str_inv	BOBJ1	39.55	After	Interior Girder 2	39.55	0.95	1	1	10.401478
Lane_str_inv	BOBJ1	39.55	After	Interior Girder 3	39.55	0.95	1	1	10.694119
Lane_str_inv	BOBJ1	39.55	After	Interior Girder 4	39.55	0.95	1	1	10.694119
Lane_str_inv	BOBJ1	39.55	After	Interior Girder 5	39.55	0.95	1	1	10.401478
Lane_str_inv	BOBJ1	39.55	After	Interior Girder 6	39.55	0.95	1	1	10.817947
Lane_str_inv	BOBJ1	39.55	After	Right Exterior Girder	39.55	0.95	1	1	13.404402
Lane_str_inv	BOBJ1	45.1733	Before	Left Exterior Girder	45.1226	0.95	1	1	12.291457
Lane_str_inv	BOBJ1	45.1733	Before	Interior Girder 1	45.1226	0.95	1	1	11.411876
Lane_str_inv	BOBJ1	45.1733	Before	Interior Girder 2	45.1226	0.95	1	1	10.883272
Lane_str_inv	BOBJ1	45.1733	Before	Interior Girder 3	45.1226	0.95	1	1	11.248988
Lane_str_inv	BOBJ1	45.1733	Before	Interior Girder 4	45.1226	0.95	1	1	11.248988
Lane_str_inv	BOBJ1	45.1733	Before	Interior Girder 5	45.1226	0.95	1	1	10.883272
Lane_str_inv	BOBJ1	45.1733	Before	Interior Girder 6	45.1226	0.95	1	1	11.411876
Lane_str_inv	BOBJ1	45.1733	Before	Right Exterior Girder	45.1226	0.95	1	1	12.291457
Lane_str_inv	BOBJ1	45.1733	After	Left Exterior Girder	45.1226	0.95	1	1	9.896663
Lane_str_inv	BOBJ1	45.1733	After	Interior Girder 1	45.1226	0.95	1	1	9.115476
Lane_str_inv	BOBJ1	45.1733	After	Interior Girder 2	45.1226	0.95	1	1	8.730447
Lane_str_inv	BOBJ1	45.1733	After	Interior Girder 3	45.1226	0.95	1	1	9.05799
Lane_str_inv	BOBJ1	45.1733	After	Interior Girder 4	45.1226	0.95	1	1	9.05799
Lane_str_inv	BOBJ1	45.1733	After	Interior Girder 5	45.1226	0.95	1	1	8.730447
Lane_str_inv	BOBJ1	45.1733	After	Interior Girder 6	45.1226	0.95	1	1	9.115476
Lane_str_inv	BOBJ1	45.1733	After	Right Exterior Girder	45.1226	0.95	1	1	9.896663
Lane_str_inv	BOBJ1	49.2561	Before	Left Exterior Girder	49.2561	0.95	1	1	6.525545
Lane_str_inv	BOBJ1	49.2561	Before	Right Exterior Girder	49.2561	0.95	1	1	6.525545
Lane_str_inv	BOBJ1	49.2561	After	Left Exterior Girder	49.2561	0.95	1	1	6.694285
Lane_str_inv	BOBJ1	49.2561	After	Right Exterior Girder	49.2561	0.95	1	1	6.694285

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelINonCompStrgth-Flx - Approach, Span 12-1									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Lane_str_inv	BOBJ1	50.7967	Before	Left Exterior Girder	50.7967	0.95	1	1	13.102885
Lane_str_inv	BOBJ1	50.7967	Before	Interior Girder 1	50.7967	0.95	1	1	5.27924
Lane_str_inv	BOBJ1	50.7967	Before	Interior Girder 2	50.7967	0.95	1	1	5.155936
Lane_str_inv	BOBJ1	50.7967	Before	Interior Girder 3	50.7967	0.95	1	1	4.815192
Lane_str_inv	BOBJ1	50.7967	Before	Interior Girder 4	50.7967	0.95	1	1	4.815192
Lane_str_inv	BOBJ1	50.7967	Before	Interior Girder 5	50.7967	0.95	1	1	5.155936
Lane_str_inv	BOBJ1	50.7967	Before	Interior Girder 6	50.7967	0.95	1	1	5.27924
Lane_str_inv	BOBJ1	50.7967	Before	Right Exterior Girder	50.7967	0.95	1	1	13.102885
Lane_str_inv	BOBJ1	50.7967	After	Left Exterior Girder	50.7967	0.95	1	1	13.039455
Lane_str_inv	BOBJ1	50.7967	After	Interior Girder 1	50.7967	0.95	1	1	5.266694
Lane_str_inv	BOBJ1	50.7967	After	Interior Girder 2	50.7967	0.95	1	1	5.170524
Lane_str_inv	BOBJ1	50.7967	After	Interior Girder 3	50.7967	0.95	1	1	4.865296
Lane_str_inv	BOBJ1	50.7967	After	Interior Girder 4	50.7967	0.95	1	1	4.865296
Lane_str_inv	BOBJ1	50.7967	After	Interior Girder 5	50.7967	0.95	1	1	5.170524
Lane_str_inv	BOBJ1	50.7967	After	Interior Girder 6	50.7967	0.95	1	1	5.266694
Lane_str_inv	BOBJ1	50.7967	After	Right Exterior Girder	50.7967	0.95	1	1	13.039455
Lane_str_inv	BOBJ1	51.3989	Before	Interior Girder 1	51.3989	0.95	1	1	4.798524
Lane_str_inv	BOBJ1	51.3989	Before	Interior Girder 2	51.3989	0.95	1	1	4.792869
Lane_str_inv	BOBJ1	51.3989	Before	Interior Girder 3	51.3989	0.95	1	1	4.456622
Lane_str_inv	BOBJ1	51.3989	Before	Interior Girder 4	51.3989	0.95	1	1	4.456622
Lane_str_inv	BOBJ1	51.3989	Before	Interior Girder 5	51.3989	0.95	1	1	4.792869
Lane_str_inv	BOBJ1	51.3989	Before	Interior Girder 6	51.3989	0.95	1	1	4.798524
Lane_str_inv	BOBJ1	51.3989	After	Interior Girder 1	51.3989	0.95	1	1	7.407204
Lane_str_inv	BOBJ1	51.3989	After	Interior Girder 2	51.3989	0.95	1	1	7.310035
Lane_str_inv	BOBJ1	51.3989	After	Interior Girder 3	51.3989	0.95	1	1	6.918371
Lane_str_inv	BOBJ1	51.3989	After	Interior Girder 4	51.3989	0.95	1	1	6.918371
Lane_str_inv	BOBJ1	51.3989	After	Interior Girder 5	51.3989	0.95	1	1	7.310035
Lane_str_inv	BOBJ1	51.3989	After	Interior Girder 6	51.3989	0.95	1	1	7.407204
Lane_str_inv	BOBJ1	56.42	Before	Left Exterior Girder	56.42	0.95	1	1	6.933846
Lane_str_inv	BOBJ1	56.42	Before	Interior Girder 1	56.42	0.95	1	1	3.904579
Lane_str_inv	BOBJ1	56.42	Before	Interior Girder 2	56.42	0.95	1	1	4.013588
Lane_str_inv	BOBJ1	56.42	Before	Interior Girder 3	56.42	0.95	1	1	3.498096
Lane_str_inv	BOBJ1	56.42	Before	Interior Girder 4	56.42	0.95	1	1	3.498096
Lane_str_inv	BOBJ1	56.42	Before	Interior Girder 5	56.42	0.95	1	1	4.013588
Lane_str_inv	BOBJ1	56.42	Before	Interior Girder 6	56.42	0.95	1	1	3.904579
Lane_str_inv	BOBJ1	56.42	Before	Right Exterior Girder	56.42	0.95	1	1	6.933846
Lane_str_inv	BOBJ1	56.42	After	Left Exterior Girder	0	0.95	1	1	6.87289
Lane_str_inv	BOBJ1	56.42	After	Interior Girder 1	0	0.95	1	1	3.909426
Lane_str_inv	BOBJ1	56.42	After	Interior Girder 2	0	0.95	1	1	4.013716
Lane_str_inv	BOBJ1	56.42	After	Interior Girder 3	0	0.95	1	1	3.471025
Lane_str_inv	BOBJ1	56.42	After	Interior Girder 4	0	0.95	1	1	3.471025
Lane_str_inv	BOBJ1	56.42	After	Interior Girder 5	0	0.95	1	1	4.013716
Lane_str_inv	BOBJ1	56.42	After	Interior Girder 6	0	0.95	1	1	3.909426
Lane_str_inv	BOBJ1	56.42	After	Right Exterior Girder	0	0.95	1	1	6.87289
Lane_str_inv	BOBJ1	62.0367	Before	Left Exterior Girder	5.6167	0.95	1	1	14.239781
Lane_str_inv	BOBJ1	62.0367	Before	Interior Girder 1	5.6167	0.95	1	1	8.142085
Lane_str_inv	BOBJ1	62.0367	Before	Interior Girder 2	5.6167	0.95	1	1	7.99349
Lane_str_inv	BOBJ1	62.0367	Before	Interior Girder 3	5.6167	0.95	1	1	7.504198
Lane_str_inv	BOBJ1	62.0367	Before	Interior Girder 4	5.6167	0.95	1	1	7.504198
Lane_str_inv	BOBJ1	62.0367	Before	Interior Girder 5	5.6167	0.95	1	1	7.99349
Lane_str_inv	BOBJ1	62.0367	Before	Interior Girder 6	5.6167	0.95	1	1	8.142085
Lane_str_inv	BOBJ1	62.0367	Before	Right Exterior Girder	5.6167	0.95	1	1	14.239781
Lane_str_inv	BOBJ1	62.0367	After	Left Exterior Girder	5.6167	0.95	1	1	13.778042
Lane_str_inv	BOBJ1	62.0367	After	Interior Girder 1	5.6167	0.95	1	1	8.356466
Lane_str_inv	BOBJ1	62.0367	After	Interior Girder 2	5.6167	0.95	1	1	8.029785
Lane_str_inv	BOBJ1	62.0367	After	Interior Girder 3	5.6167	0.95	1	1	7.486789
Lane_str_inv	BOBJ1	62.0367	After	Interior Girder 4	5.6167	0.95	1	1	7.486789
Lane_str_inv	BOBJ1	62.0367	After	Interior Girder 5	5.6167	0.95	1	1	8.029785
Lane_str_inv	BOBJ1	62.0367	After	Interior Girder 6	5.6167	0.95	1	1	8.356466
Lane_str_inv	BOBJ1	62.0367	After	Right Exterior Girder	5.6167	0.95	1	1	13.778042
Lane_str_inv	BOBJ1	62.4203	Before	Interior Girder 1	6.0003	0.95	1	1	8.840907
Lane_str_inv	BOBJ1	62.4203	Before	Interior Girder 2	6.0003	0.95	1	1	8.415741
Lane_str_inv	BOBJ1	62.4203	Before	Interior Girder 3	6.0003	0.95	1	1	7.884546
Lane_str_inv	BOBJ1	62.4203	Before	Interior Girder 4	6.0003	0.95	1	1	7.884546
Lane_str_inv	BOBJ1	62.4203	Before	Interior Girder 5	6.0003	0.95	1	1	8.415741

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelINonCompStrgth-Flx - Approach, Span 12-1									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Lane_str_inv	BOBJ1	62.4203	Before	Interior Girder 6	6.0003	0.95	1	1	8.840907
Lane_str_inv	BOBJ1	62.4203	After	Interior Girder 1	6.0003	0.95	1	1	5.774691
Lane_str_inv	BOBJ1	62.4203	After	Interior Girder 2	6.0003	0.95	1	1	5.550906
Lane_str_inv	BOBJ1	62.4203	After	Interior Girder 3	6.0003	0.95	1	1	5.101372
Lane_str_inv	BOBJ1	62.4203	After	Interior Girder 4	6.0003	0.95	1	1	5.101372
Lane_str_inv	BOBJ1	62.4203	After	Interior Girder 5	6.0003	0.95	1	1	5.550906
Lane_str_inv	BOBJ1	62.4203	After	Interior Girder 6	6.0003	0.95	1	1	5.774691
Lane_str_inv	BOBJ1	64.9204	Before	Left Exterior Girder	8.5004	0.95	1	1	19.977686
Lane_str_inv	BOBJ1	64.9204	Before	Right Exterior Girder	8.5004	0.95	1	1	19.977686
Lane_str_inv	BOBJ1	64.9204	After	Left Exterior Girder	8.5004	0.95	1	1	9.023615
Lane_str_inv	BOBJ1	64.9204	After	Right Exterior Girder	8.5004	0.95	1	1	9.023615
Lane_str_inv	BOBJ1	67.6533	Before	Left Exterior Girder	11.2333	0.95	1	1	13.448968
Lane_str_inv	BOBJ1	67.6533	Before	Interior Girder 1	11.2333	0.95	1	1	10.931486
Lane_str_inv	BOBJ1	67.6533	Before	Interior Girder 2	11.2333	0.95	1	1	10.44502
Lane_str_inv	BOBJ1	67.6533	Before	Interior Girder 3	11.2333	0.95	1	1	10.465506
Lane_str_inv	BOBJ1	67.6533	Before	Interior Girder 4	11.2333	0.95	1	1	10.465506
Lane_str_inv	BOBJ1	67.6533	Before	Interior Girder 5	11.2333	0.95	1	1	10.44502
Lane_str_inv	BOBJ1	67.6533	Before	Interior Girder 6	11.2333	0.95	1	1	10.931486
Lane_str_inv	BOBJ1	67.6533	Before	Right Exterior Girder	11.2333	0.95	1	1	13.448968
Lane_str_inv	BOBJ1	67.6533	After	Left Exterior Girder	11.2333	0.95	1	1	13.09222
Lane_str_inv	BOBJ1	67.6533	After	Interior Girder 1	11.2333	0.95	1	1	10.989796
Lane_str_inv	BOBJ1	67.6533	After	Interior Girder 2	11.2333	0.95	1	1	10.40756
Lane_str_inv	BOBJ1	67.6533	After	Interior Girder 3	11.2333	0.95	1	1	10.289742
Lane_str_inv	BOBJ1	67.6533	After	Interior Girder 4	11.2333	0.95	1	1	10.289742
Lane_str_inv	BOBJ1	67.6533	After	Interior Girder 5	11.2333	0.95	1	1	10.40756
Lane_str_inv	BOBJ1	67.6533	After	Interior Girder 6	11.2333	0.95	1	1	10.989796
Lane_str_inv	BOBJ1	67.6533	After	Right Exterior Girder	11.2333	0.95	1	1	13.09222
Lane_str_inv	BOBJ1	73.27	Before	Left Exterior Girder	16.85	0.95	1	1	16.382945
Lane_str_inv	BOBJ1	73.27	Before	Interior Girder 1	16.85	0.95	1	1	13.223831
Lane_str_inv	BOBJ1	73.27	Before	Interior Girder 2	16.85	0.95	1	1	12.352769
Lane_str_inv	BOBJ1	73.27	Before	Interior Girder 3	16.85	0.95	1	1	12.441306
Lane_str_inv	BOBJ1	73.27	Before	Interior Girder 4	16.85	0.95	1	1	12.441306
Lane_str_inv	BOBJ1	73.27	Before	Interior Girder 5	16.85	0.95	1	1	12.352769
Lane_str_inv	BOBJ1	73.27	Before	Interior Girder 6	16.85	0.95	1	1	13.223831
Lane_str_inv	BOBJ1	73.27	Before	Right Exterior Girder	16.85	0.95	1	1	16.382945
Lane_str_inv	BOBJ1	73.27	After	Left Exterior Girder	16.85	0.95	1	1	16.644999
Lane_str_inv	BOBJ1	73.27	After	Interior Girder 1	16.85	0.95	1	1	13.069069
Lane_str_inv	BOBJ1	73.27	After	Interior Girder 2	16.85	0.95	1	1	12.363013
Lane_str_inv	BOBJ1	73.27	After	Interior Girder 3	16.85	0.95	1	1	12.728185
Lane_str_inv	BOBJ1	73.27	After	Interior Girder 4	16.85	0.95	1	1	12.728185
Lane_str_inv	BOBJ1	73.27	After	Interior Girder 5	16.85	0.95	1	1	12.363013
Lane_str_inv	BOBJ1	73.27	After	Interior Girder 6	16.85	0.95	1	1	13.069069
Lane_str_inv	BOBJ1	73.27	After	Right Exterior Girder	16.85	0.95	1	1	16.644999
Lane_str_inv	BOBJ1	78.8867	Before	Left Exterior Girder	22.4667	0.95	1	1	10.044282
Lane_str_inv	BOBJ1	78.8867	Before	Interior Girder 1	22.4667	0.95	1	1	7.846618
Lane_str_inv	BOBJ1	78.8867	Before	Interior Girder 2	22.4667	0.95	1	1	7.618795
Lane_str_inv	BOBJ1	78.8867	Before	Interior Girder 3	22.4667	0.95	1	1	7.646161
Lane_str_inv	BOBJ1	78.8867	Before	Interior Girder 4	22.4667	0.95	1	1	7.646161
Lane_str_inv	BOBJ1	78.8867	Before	Interior Girder 5	22.4667	0.95	1	1	7.618795
Lane_str_inv	BOBJ1	78.8867	Before	Interior Girder 6	22.4667	0.95	1	1	7.846618
Lane_str_inv	BOBJ1	78.8867	Before	Right Exterior Girder	22.4667	0.95	1	1	10.044282
Lane_str_inv	BOBJ1	78.8867	After	Left Exterior Girder	22.4667	0.95	1	1	10.235412
Lane_str_inv	BOBJ1	78.8867	After	Interior Girder 1	22.4667	0.95	1	1	7.7446
Lane_str_inv	BOBJ1	78.8867	After	Interior Girder 2	22.4667	0.95	1	1	7.603072
Lane_str_inv	BOBJ1	78.8867	After	Interior Girder 3	22.4667	0.95	1	1	7.739639
Lane_str_inv	BOBJ1	78.8867	After	Interior Girder 4	22.4667	0.95	1	1	7.739639
Lane_str_inv	BOBJ1	78.8867	After	Interior Girder 5	22.4667	0.95	1	1	7.603072
Lane_str_inv	BOBJ1	78.8867	After	Interior Girder 6	22.4667	0.95	1	1	7.7446
Lane_str_inv	BOBJ1	78.8867	After	Right Exterior Girder	22.4667	0.95	1	1	10.235412
Lane_str_inv	BOBJ1	84.5033	Before	Left Exterior Girder	28.0833	0.95	1	1	7.536832
Lane_str_inv	BOBJ1	84.5033	Before	Interior Girder 1	28.0833	0.95	1	1	6.120062
Lane_str_inv	BOBJ1	84.5033	Before	Interior Girder 2	28.0833	0.95	1	1	5.981406
Lane_str_inv	BOBJ1	84.5033	Before	Interior Girder 3	28.0833	0.95	1	1	6.042121
Lane_str_inv	BOBJ1	84.5033	Before	Interior Girder 4	28.0833	0.95	1	1	6.042121
Lane_str_inv	BOBJ1	84.5033	Before	Interior Girder 5	28.0833	0.95	1	1	5.981406

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelINonCompStrgth-Flx - Approach, Span 12-1									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Lane_str_inv	BOBJ1	84.5033	Before	Interior Girder 6	28.0833	0.95	1	1	6.120062
Lane_str_inv	BOBJ1	84.5033	Before	Right Exterior Girder	28.0833	0.95	1	1	7.536832
Lane_str_inv	BOBJ1	84.5033	After	Left Exterior Girder	28.0833	0.95	1	1	7.517888
Lane_str_inv	BOBJ1	84.5033	After	Interior Girder 1	28.0833	0.95	1	1	6.128663
Lane_str_inv	BOBJ1	84.5033	After	Interior Girder 2	28.0833	0.95	1	1	6.006855
Lane_str_inv	BOBJ1	84.5033	After	Interior Girder 3	28.0833	0.95	1	1	6.106197
Lane_str_inv	BOBJ1	84.5033	After	Interior Girder 4	28.0833	0.95	1	1	6.106197
Lane_str_inv	BOBJ1	84.5033	After	Interior Girder 5	28.0833	0.95	1	1	6.006855
Lane_str_inv	BOBJ1	84.5033	After	Interior Girder 6	28.0833	0.95	1	1	6.128663
Lane_str_inv	BOBJ1	84.5033	After	Right Exterior Girder	28.0833	0.95	1	1	7.517888
Lane_str_inv	BOBJ1	90.12	Before	Left Exterior Girder	33.7	0.95	1	1	6.448229
Lane_str_inv	BOBJ1	90.12	Before	Interior Girder 1	33.7	0.95	1	1	5.801062
Lane_str_inv	BOBJ1	90.12	Before	Interior Girder 2	33.7	0.95	1	1	5.606685
Lane_str_inv	BOBJ1	90.12	Before	Interior Girder 3	33.7	0.95	1	1	5.711216
Lane_str_inv	BOBJ1	90.12	Before	Interior Girder 4	33.7	0.95	1	1	5.711216
Lane_str_inv	BOBJ1	90.12	Before	Interior Girder 5	33.7	0.95	1	1	5.606685
Lane_str_inv	BOBJ1	90.12	Before	Interior Girder 6	33.7	0.95	1	1	5.801062
Lane_str_inv	BOBJ1	90.12	Before	Right Exterior Girder	33.7	0.95	1	1	6.448229
Lane_str_inv	BOBJ1	90.12	After	Left Exterior Girder	33.7	0.95	1	1	6.479647
Lane_str_inv	BOBJ1	90.12	After	Interior Girder 1	33.7	0.95	1	1	5.781963
Lane_str_inv	BOBJ1	90.12	After	Interior Girder 2	33.7	0.95	1	1	5.601524
Lane_str_inv	BOBJ1	90.12	After	Interior Girder 3	33.7	0.95	1	1	5.706908
Lane_str_inv	BOBJ1	90.12	After	Interior Girder 4	33.7	0.95	1	1	5.706908
Lane_str_inv	BOBJ1	90.12	After	Interior Girder 5	33.7	0.95	1	1	5.601524
Lane_str_inv	BOBJ1	90.12	After	Interior Girder 6	33.7	0.95	1	1	5.781963
Lane_str_inv	BOBJ1	90.12	After	Right Exterior Girder	33.7	0.95	1	1	6.479647
Lane_str_inv	BOBJ1	95.7367	Before	Left Exterior Girder	39.3167	0.95	1	1	7.181141
Lane_str_inv	BOBJ1	95.7367	Before	Interior Girder 1	39.3167	0.95	1	1	5.930149
Lane_str_inv	BOBJ1	95.7367	Before	Interior Girder 2	39.3167	0.95	1	1	5.819673
Lane_str_inv	BOBJ1	95.7367	Before	Interior Girder 3	39.3167	0.95	1	1	5.933451
Lane_str_inv	BOBJ1	95.7367	Before	Interior Girder 4	39.3167	0.95	1	1	5.933451
Lane_str_inv	BOBJ1	95.7367	Before	Interior Girder 5	39.3167	0.95	1	1	5.819673
Lane_str_inv	BOBJ1	95.7367	Before	Interior Girder 6	39.3167	0.95	1	1	5.930149
Lane_str_inv	BOBJ1	95.7367	Before	Right Exterior Girder	39.3167	0.95	1	1	7.181141
Lane_str_inv	BOBJ1	95.7367	After	Left Exterior Girder	39.3167	0.95	1	1	7.218971
Lane_str_inv	BOBJ1	95.7367	After	Interior Girder 1	39.3167	0.95	1	1	5.912264
Lane_str_inv	BOBJ1	95.7367	After	Interior Girder 2	39.3167	0.95	1	1	5.79636
Lane_str_inv	BOBJ1	95.7367	After	Interior Girder 3	39.3167	0.95	1	1	5.879244
Lane_str_inv	BOBJ1	95.7367	After	Interior Girder 4	39.3167	0.95	1	1	5.879244
Lane_str_inv	BOBJ1	95.7367	After	Interior Girder 5	39.3167	0.95	1	1	5.79636
Lane_str_inv	BOBJ1	95.7367	After	Interior Girder 6	39.3167	0.95	1	1	5.912264
Lane_str_inv	BOBJ1	95.7367	After	Right Exterior Girder	39.3167	0.95	1	1	7.218971
Lane_str_inv	BOBJ1	101.3533	Before	Left Exterior Girder	44.9333	0.95	1	1	9.13686
Lane_str_inv	BOBJ1	101.3533	Before	Interior Girder 1	44.9333	0.95	1	1	7.186827
Lane_str_inv	BOBJ1	101.3533	Before	Interior Girder 2	44.9333	0.95	1	1	7.066437
Lane_str_inv	BOBJ1	101.3533	Before	Interior Girder 3	44.9333	0.95	1	1	7.247391
Lane_str_inv	BOBJ1	101.3533	Before	Interior Girder 4	44.9333	0.95	1	1	7.247391
Lane_str_inv	BOBJ1	101.3533	Before	Interior Girder 5	44.9333	0.95	1	1	7.066437
Lane_str_inv	BOBJ1	101.3533	Before	Interior Girder 6	44.9333	0.95	1	1	7.186827
Lane_str_inv	BOBJ1	101.3533	Before	Right Exterior Girder	44.9333	0.95	1	1	9.13686
Lane_str_inv	BOBJ1	101.3533	After	Left Exterior Girder	44.9333	0.95	1	1	9.00194
Lane_str_inv	BOBJ1	101.3533	After	Interior Girder 1	44.9333	0.95	1	1	7.264511
Lane_str_inv	BOBJ1	101.3533	After	Interior Girder 2	44.9333	0.95	1	1	7.083348
Lane_str_inv	BOBJ1	101.3533	After	Interior Girder 3	44.9333	0.95	1	1	7.174543
Lane_str_inv	BOBJ1	101.3533	After	Interior Girder 4	44.9333	0.95	1	1	7.174543
Lane_str_inv	BOBJ1	101.3533	After	Interior Girder 5	44.9333	0.95	1	1	7.083348
Lane_str_inv	BOBJ1	101.3533	After	Interior Girder 6	44.9333	0.95	1	1	7.264511
Lane_str_inv	BOBJ1	101.3533	After	Right Exterior Girder	44.9333	0.95	1	1	9.00194
Lane_str_inv	BOBJ1	106.97	Before	Left Exterior Girder	50.55	0.95	1	1	13.20641
Lane_str_inv	BOBJ1	106.97	Before	Interior Girder 1	50.55	0.95	1	1	11.130558
Lane_str_inv	BOBJ1	106.97	Before	Interior Girder 2	50.55	0.95	1	1	10.608213
Lane_str_inv	BOBJ1	106.97	Before	Interior Girder 3	50.55	0.95	1	1	11.074629
Lane_str_inv	BOBJ1	106.97	Before	Interior Girder 4	50.55	0.95	1	1	11.074629
Lane_str_inv	BOBJ1	106.97	Before	Interior Girder 5	50.55	0.95	1	1	10.608213
Lane_str_inv	BOBJ1	106.97	Before	Interior Girder 6	50.55	0.95	1	1	11.130558

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelINonCompStrgth-Flx - Approach, Span 12-1									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Lane_str_inv	BOBJ1	106.97	Before	Right Exterior Girder	50.55	0.95	1	1	13.20641
Lane_str_inv	BOBJ1	106.97	After	Left Exterior Girder	50.55	0.95	1	1	13.169748
Lane_str_inv	BOBJ1	106.97	After	Interior Girder 1	50.55	0.95	1	1	11.166425
Lane_str_inv	BOBJ1	106.97	After	Interior Girder 2	50.55	0.95	1	1	10.583238
Lane_str_inv	BOBJ1	106.97	After	Interior Girder 3	50.55	0.95	1	1	10.839548
Lane_str_inv	BOBJ1	106.97	After	Interior Girder 4	50.55	0.95	1	1	10.839548
Lane_str_inv	BOBJ1	106.97	After	Interior Girder 5	50.55	0.95	1	1	10.583238
Lane_str_inv	BOBJ1	106.97	After	Interior Girder 6	50.55	0.95	1	1	11.166425
Lane_str_inv	BOBJ1	106.97	After	Right Exterior Girder	50.55	0.95	1	1	13.169748
Lane_str_inv	BOBJ1	112.5933	Before	Left Exterior Girder	56.1733	0.95	1	1	10.013217
Lane_str_inv	BOBJ1	112.5933	Before	Interior Girder 1	56.1733	0.95	1	1	8.93441
Lane_str_inv	BOBJ1	112.5933	Before	Interior Girder 2	56.1733	0.95	1	1	8.455691
Lane_str_inv	BOBJ1	112.5933	Before	Interior Girder 3	56.1733	0.95	1	1	8.498497
Lane_str_inv	BOBJ1	112.5933	Before	Interior Girder 4	56.1733	0.95	1	1	8.498497
Lane_str_inv	BOBJ1	112.5933	Before	Interior Girder 5	56.1733	0.95	1	1	8.455691
Lane_str_inv	BOBJ1	112.5933	Before	Interior Girder 6	56.1733	0.95	1	1	8.93441
Lane_str_inv	BOBJ1	112.5933	Before	Right Exterior Girder	56.1733	0.95	1	1	10.013217
Lane_str_inv	BOBJ1	112.5933	After	Left Exterior Girder	56.1733	0.95	1	1	10.21821
Lane_str_inv	BOBJ1	112.5933	After	Interior Girder 1	56.1733	0.95	1	1	8.894519
Lane_str_inv	BOBJ1	112.5933	After	Interior Girder 2	56.1733	0.95	1	1	8.481395
Lane_str_inv	BOBJ1	112.5933	After	Interior Girder 3	56.1733	0.95	1	1	8.616945
Lane_str_inv	BOBJ1	112.5933	After	Interior Girder 4	56.1733	0.95	1	1	8.616945
Lane_str_inv	BOBJ1	112.5933	After	Interior Girder 5	56.1733	0.95	1	1	8.481395
Lane_str_inv	BOBJ1	112.5933	After	Interior Girder 6	56.1733	0.95	1	1	8.894519
Lane_str_inv	BOBJ1	112.5933	After	Right Exterior Girder	56.1733	0.95	1	1	10.21821
Lane_str_inv	BOBJ1	115.3396	Before	Left Exterior Girder	58.9196	0.95	1	1	7.317333
Lane_str_inv	BOBJ1	115.3396	Before	Right Exterior Girder	58.9196	0.95	1	1	7.317333
Lane_str_inv	BOBJ1	115.3396	After	Left Exterior Girder	58.9196	0.95	1	1	16.534719
Lane_str_inv	BOBJ1	115.3396	After	Right Exterior Girder	58.9196	0.95	1	1	16.534719
Lane_str_inv	BOBJ1	118.2167	Before	Left Exterior Girder	61.7967	0.95	1	1	12.130058
Lane_str_inv	BOBJ1	118.2167	Before	Interior Girder 1	61.9198	0.95	1	1	4.710658
Lane_str_inv	BOBJ1	118.2167	Before	Interior Girder 2	61.9198	0.95	1	1	4.634168
Lane_str_inv	BOBJ1	118.2167	Before	Interior Girder 3	61.9198	0.95	1	1	4.283046
Lane_str_inv	BOBJ1	118.2167	Before	Interior Girder 4	61.9198	0.95	1	1	4.283046
Lane_str_inv	BOBJ1	118.2167	Before	Interior Girder 5	61.9198	0.95	1	1	4.634168
Lane_str_inv	BOBJ1	118.2167	Before	Interior Girder 6	61.9198	0.95	1	1	4.710658
Lane_str_inv	BOBJ1	118.2167	Before	Right Exterior Girder	61.7967	0.95	1	1	12.130058
Lane_str_inv	BOBJ1	118.2167	After	Left Exterior Girder	61.7967	0.95	1	1	12.220093
Lane_str_inv	BOBJ1	118.2167	After	Interior Girder 1	61.9198	0.95	1	1	7.266985
Lane_str_inv	BOBJ1	118.2167	After	Interior Girder 2	61.9198	0.95	1	1	7.066188
Lane_str_inv	BOBJ1	118.2167	After	Interior Girder 3	61.9198	0.95	1	1	6.696611
Lane_str_inv	BOBJ1	118.2167	After	Interior Girder 4	61.9198	0.95	1	1	6.696611
Lane_str_inv	BOBJ1	118.2167	After	Interior Girder 5	61.9198	0.95	1	1	7.066188
Lane_str_inv	BOBJ1	118.2167	After	Interior Girder 6	61.9198	0.95	1	1	7.266985
Lane_str_inv	BOBJ1	118.2167	After	Right Exterior Girder	61.7967	0.95	1	1	12.220093
Lane_str_inv	BOBJ1	123.84	Before	Left Exterior Girder	67.42	0.95	1	1	6.273426
Lane_str_inv	BOBJ1	123.84	Before	Interior Girder 1	67.42	0.95	1	1	3.648537
Lane_str_inv	BOBJ1	123.84	Before	Interior Girder 2	67.42	0.95	1	1	3.696402
Lane_str_inv	BOBJ1	123.84	Before	Interior Girder 3	67.42	0.95	1	1	3.216549
Lane_str_inv	BOBJ1	123.84	Before	Interior Girder 4	67.42	0.95	1	1	3.216549
Lane_str_inv	BOBJ1	123.84	Before	Interior Girder 5	67.42	0.95	1	1	3.696402
Lane_str_inv	BOBJ1	123.84	Before	Interior Girder 6	67.42	0.95	1	1	3.648537
Lane_str_inv	BOBJ1	123.84	Before	Right Exterior Girder	67.42	0.95	1	1	6.273426
Lane_str_inv	BOBJ1	123.84	After	Left Exterior Girder	0	0.95	1	1	6.726579
Lane_str_inv	BOBJ1	123.84	After	Interior Girder 1	0	0.95	1	1	3.940124
Lane_str_inv	BOBJ1	123.84	After	Interior Girder 2	0	0.95	1	1	3.978692
Lane_str_inv	BOBJ1	123.84	After	Interior Girder 3	0	0.95	1	1	3.456626
Lane_str_inv	BOBJ1	123.84	After	Interior Girder 4	0	0.95	1	1	3.456626
Lane_str_inv	BOBJ1	123.84	After	Interior Girder 5	0	0.95	1	1	3.978692
Lane_str_inv	BOBJ1	123.84	After	Interior Girder 6	0	0.95	1	1	3.940124
Lane_str_inv	BOBJ1	123.84	After	Right Exterior Girder	0	0.95	1	1	6.726579
Lane_str_inv	BOBJ1	129.34	Before	Interior Girder 1	5.5	0.95	1	1	7.603604
Lane_str_inv	BOBJ1	129.34	Before	Interior Girder 2	5.5	0.95	1	1	7.415322
Lane_str_inv	BOBJ1	129.34	Before	Interior Girder 3	5.5	0.95	1	1	7.025066
Lane_str_inv	BOBJ1	129.34	Before	Interior Girder 4	5.5	0.95	1	1	7.025066

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelINonCompStrgth-Flx - Approach, Span 12-1									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Lane_str_inv	BOBJ1	129.34	Before	Interior Girder 5	5.5	0.95	1	1	7.415322
Lane_str_inv	BOBJ1	129.34	Before	Interior Girder 6	5.5	0.95	1	1	7.603604
Lane_str_inv	BOBJ1	129.34	After	Interior Girder 1	5.5	0.95	1	1	4.931607
Lane_str_inv	BOBJ1	129.34	After	Interior Girder 2	5.5	0.95	1	1	4.878355
Lane_str_inv	BOBJ1	129.34	After	Interior Girder 3	5.5	0.95	1	1	4.536166
Lane_str_inv	BOBJ1	129.34	After	Interior Girder 4	5.5	0.95	1	1	4.536166
Lane_str_inv	BOBJ1	129.34	After	Interior Girder 5	5.5	0.95	1	1	4.878355
Lane_str_inv	BOBJ1	129.34	After	Interior Girder 6	5.5	0.95	1	1	4.931607
Lane_str_inv	BOBJ1	130.79	Before	Left Exterior Girder	6.95	0.95	1	1	14.953785
Lane_str_inv	BOBJ1	130.79	Before	Interior Girder 1	6.95	0.95	1	1	6.059857
Lane_str_inv	BOBJ1	130.79	Before	Interior Girder 2	6.95	0.95	1	1	5.805352
Lane_str_inv	BOBJ1	130.79	Before	Interior Girder 3	6.95	0.95	1	1	5.570594
Lane_str_inv	BOBJ1	130.79	Before	Interior Girder 4	6.95	0.95	1	1	5.570594
Lane_str_inv	BOBJ1	130.79	Before	Interior Girder 5	6.95	0.95	1	1	5.805352
Lane_str_inv	BOBJ1	130.79	Before	Interior Girder 6	6.95	0.95	1	1	6.059857
Lane_str_inv	BOBJ1	130.79	Before	Right Exterior Girder	6.95	0.95	1	1	14.953785
Lane_str_inv	BOBJ1	130.79	After	Left Exterior Girder	6.95	0.95	1	1	15.104371
Lane_str_inv	BOBJ1	130.79	After	Interior Girder 1	6.95	0.95	1	1	6.025443
Lane_str_inv	BOBJ1	130.79	After	Interior Girder 2	6.95	0.95	1	1	5.778369
Lane_str_inv	BOBJ1	130.79	After	Interior Girder 3	6.95	0.95	1	1	5.492036
Lane_str_inv	BOBJ1	130.79	After	Interior Girder 4	6.95	0.95	1	1	5.492036
Lane_str_inv	BOBJ1	130.79	After	Interior Girder 5	6.95	0.95	1	1	5.778369
Lane_str_inv	BOBJ1	130.79	After	Interior Girder 6	6.95	0.95	1	1	6.025443
Lane_str_inv	BOBJ1	130.79	After	Right Exterior Girder	6.95	0.95	1	1	15.104371
Lane_str_inv	BOBJ1	132.34	Before	Left Exterior Girder	8.5	0.95	1	1	17.99233
Lane_str_inv	BOBJ1	132.34	Before	Right Exterior Girder	8.5	0.95	1	1	17.99233
Lane_str_inv	BOBJ1	132.34	After	Left Exterior Girder	8.5	0.95	1	1	7.861958
Lane_str_inv	BOBJ1	132.34	After	Right Exterior Girder	8.5	0.95	1	1	7.861958
Lane_str_inv	BOBJ1	137.74	Before	Left Exterior Girder	13.9	0.95	1	1	13.352402
Lane_str_inv	BOBJ1	137.74	Before	Interior Girder 1	13.9	0.95	1	1	11.759569
Lane_str_inv	BOBJ1	137.74	Before	Interior Girder 2	13.9	0.95	1	1	11.056789
Lane_str_inv	BOBJ1	137.74	Before	Interior Girder 3	13.9	0.95	1	1	11.938717
Lane_str_inv	BOBJ1	137.74	Before	Interior Girder 4	13.9	0.95	1	1	11.938717
Lane_str_inv	BOBJ1	137.74	Before	Interior Girder 5	13.9	0.95	1	1	11.056789
Lane_str_inv	BOBJ1	137.74	Before	Interior Girder 6	13.9	0.95	1	1	11.759569
Lane_str_inv	BOBJ1	137.74	Before	Right Exterior Girder	13.9	0.95	1	1	13.352402
Lane_str_inv	BOBJ1	137.74	After	Left Exterior Girder	13.9	0.95	1	1	14.458403
Lane_str_inv	BOBJ1	137.74	After	Interior Girder 1	13.9	0.95	1	1	13.059505
Lane_str_inv	BOBJ1	137.74	After	Interior Girder 2	13.9	0.95	1	1	12.18046
Lane_str_inv	BOBJ1	137.74	After	Interior Girder 3	13.9	0.95	1	1	12.991236
Lane_str_inv	BOBJ1	137.74	After	Interior Girder 4	13.9	0.95	1	1	12.991236
Lane_str_inv	BOBJ1	137.74	After	Interior Girder 5	13.9	0.95	1	1	12.18046
Lane_str_inv	BOBJ1	137.74	After	Interior Girder 6	13.9	0.95	1	1	13.059505
Lane_str_inv	BOBJ1	137.74	After	Right Exterior Girder	13.9	0.95	1	1	14.458403
Lane_str_inv	BOBJ1	143.7733	Before	Left Exterior Girder	19.9333	0.95	1	1	10.687529
Lane_str_inv	BOBJ1	143.7733	Before	Interior Girder 1	19.9333	0.95	1	1	8.273289
Lane_str_inv	BOBJ1	143.7733	Before	Interior Girder 2	19.9333	0.95	1	1	8.099905
Lane_str_inv	BOBJ1	143.7733	Before	Interior Girder 3	19.9333	0.95	1	1	8.21616
Lane_str_inv	BOBJ1	143.7733	Before	Interior Girder 4	19.9333	0.95	1	1	8.21616
Lane_str_inv	BOBJ1	143.7733	Before	Interior Girder 5	19.9333	0.95	1	1	8.099905
Lane_str_inv	BOBJ1	143.7733	Before	Interior Girder 6	19.9333	0.95	1	1	8.273289
Lane_str_inv	BOBJ1	143.7733	Before	Right Exterior Girder	19.9333	0.95	1	1	10.687529
Lane_str_inv	BOBJ1	143.7733	After	Left Exterior Girder	19.9333	0.95	1	1	10.853273
Lane_str_inv	BOBJ1	143.7733	After	Interior Girder 1	19.9333	0.95	1	1	8.167995
Lane_str_inv	BOBJ1	143.7733	After	Interior Girder 2	19.9333	0.95	1	1	8.09537
Lane_str_inv	BOBJ1	143.7733	After	Interior Girder 3	19.9333	0.95	1	1	8.344457
Lane_str_inv	BOBJ1	143.7733	After	Interior Girder 4	19.9333	0.95	1	1	8.344457
Lane_str_inv	BOBJ1	143.7733	After	Interior Girder 5	19.9333	0.95	1	1	8.09537
Lane_str_inv	BOBJ1	143.7733	After	Interior Girder 6	19.9333	0.95	1	1	8.167995
Lane_str_inv	BOBJ1	143.7733	After	Right Exterior Girder	19.9333	0.95	1	1	10.853273
Lane_str_inv	BOBJ1	149.8067	Before	Left Exterior Girder	25.9667	0.95	1	1	7.632695
Lane_str_inv	BOBJ1	149.8067	Before	Interior Girder 1	25.9667	0.95	1	1	6.13498
Lane_str_inv	BOBJ1	149.8067	Before	Interior Girder 2	25.9667	0.95	1	1	6.018521
Lane_str_inv	BOBJ1	149.8067	Before	Interior Girder 3	25.9667	0.95	1	1	6.107529
Lane_str_inv	BOBJ1	149.8067	Before	Interior Girder 4	25.9667	0.95	1	1	6.107529

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelINonCompStrgth-Flx - Approach, Span 12-1									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Lane_str_inv	BOBJ1	149.8067	Before	Interior Girder 5	25.9667	0.95	1	1	6.018521
Lane_str_inv	BOBJ1	149.8067	Before	Interior Girder 6	25.9667	0.95	1	1	6.13498
Lane_str_inv	BOBJ1	149.8067	Before	Right Exterior Girder	25.9667	0.95	1	1	7.632695
Lane_str_inv	BOBJ1	149.8067	After	Left Exterior Girder	25.9667	0.95	1	1	7.5984
Lane_str_inv	BOBJ1	149.8067	After	Interior Girder 1	25.9667	0.95	1	1	6.143871
Lane_str_inv	BOBJ1	149.8067	After	Interior Girder 2	25.9667	0.95	1	1	6.052143
Lane_str_inv	BOBJ1	149.8067	After	Interior Girder 3	25.9667	0.95	1	1	6.18765
Lane_str_inv	BOBJ1	149.8067	After	Interior Girder 4	25.9667	0.95	1	1	6.18765
Lane_str_inv	BOBJ1	149.8067	After	Interior Girder 5	25.9667	0.95	1	1	6.052143
Lane_str_inv	BOBJ1	149.8067	After	Interior Girder 6	25.9667	0.95	1	1	6.143871
Lane_str_inv	BOBJ1	149.8067	After	Right Exterior Girder	25.9667	0.95	1	1	7.5984
Lane_str_inv	BOBJ1	155.84	Before	Left Exterior Girder	32	0.95	1	1	6.324112
Lane_str_inv	BOBJ1	155.84	Before	Interior Girder 1	32	0.95	1	1	5.674757
Lane_str_inv	BOBJ1	155.84	Before	Interior Girder 2	32	0.95	1	1	5.480019
Lane_str_inv	BOBJ1	155.84	Before	Interior Girder 3	32	0.95	1	1	5.590113
Lane_str_inv	BOBJ1	155.84	Before	Interior Girder 4	32	0.95	1	1	5.590113
Lane_str_inv	BOBJ1	155.84	Before	Interior Girder 5	32	0.95	1	1	5.480019
Lane_str_inv	BOBJ1	155.84	Before	Interior Girder 6	32	0.95	1	1	5.674757
Lane_str_inv	BOBJ1	155.84	Before	Right Exterior Girder	32	0.95	1	1	6.324112
Lane_str_inv	BOBJ1	155.84	After	Left Exterior Girder	32	0.95	1	1	6.350406
Lane_str_inv	BOBJ1	155.84	After	Interior Girder 1	32	0.95	1	1	5.653681
Lane_str_inv	BOBJ1	155.84	After	Interior Girder 2	32	0.95	1	1	5.478127
Lane_str_inv	BOBJ1	155.84	After	Interior Girder 3	32	0.95	1	1	5.59193
Lane_str_inv	BOBJ1	155.84	After	Interior Girder 4	32	0.95	1	1	5.59193
Lane_str_inv	BOBJ1	155.84	After	Interior Girder 5	32	0.95	1	1	5.478127
Lane_str_inv	BOBJ1	155.84	After	Interior Girder 6	32	0.95	1	1	5.653681
Lane_str_inv	BOBJ1	155.84	After	Right Exterior Girder	32	0.95	1	1	6.350406
Lane_str_inv	BOBJ1	161.8733	Before	Left Exterior Girder	38.0333	0.95	1	1	7.077647
Lane_str_inv	BOBJ1	161.8733	Before	Interior Girder 1	38.0333	0.95	1	1	5.734363
Lane_str_inv	BOBJ1	161.8733	Before	Interior Girder 2	38.0333	0.95	1	1	5.616408
Lane_str_inv	BOBJ1	161.8733	Before	Interior Girder 3	38.0333	0.95	1	1	5.711188
Lane_str_inv	BOBJ1	161.8733	Before	Interior Girder 4	38.0333	0.95	1	1	5.711188
Lane_str_inv	BOBJ1	161.8733	Before	Interior Girder 5	38.0333	0.95	1	1	5.616408
Lane_str_inv	BOBJ1	161.8733	Before	Interior Girder 6	38.0333	0.95	1	1	5.734363
Lane_str_inv	BOBJ1	161.8733	Before	Right Exterior Girder	38.0333	0.95	1	1	7.077647
Lane_str_inv	BOBJ1	161.8733	After	Left Exterior Girder	38.0333	0.95	1	1	7.109588
Lane_str_inv	BOBJ1	161.8733	After	Interior Girder 1	38.0333	0.95	1	1	5.715209
Lane_str_inv	BOBJ1	161.8733	After	Interior Girder 2	38.0333	0.95	1	1	5.594341
Lane_str_inv	BOBJ1	161.8733	After	Interior Girder 3	38.0333	0.95	1	1	5.659684
Lane_str_inv	BOBJ1	161.8733	After	Interior Girder 4	38.0333	0.95	1	1	5.659684
Lane_str_inv	BOBJ1	161.8733	After	Interior Girder 5	38.0333	0.95	1	1	5.594341
Lane_str_inv	BOBJ1	161.8733	After	Interior Girder 6	38.0333	0.95	1	1	5.715209
Lane_str_inv	BOBJ1	161.8733	After	Right Exterior Girder	38.0333	0.95	1	1	7.109588
Lane_str_inv	BOBJ1	167.9067	Before	Left Exterior Girder	44.0667	0.95	1	1	9.346487
Lane_str_inv	BOBJ1	167.9067	Before	Interior Girder 1	44.0667	0.95	1	1	7.071739
Lane_str_inv	BOBJ1	167.9067	Before	Interior Girder 2	44.0667	0.95	1	1	6.914819
Lane_str_inv	BOBJ1	167.9067	Before	Interior Girder 3	44.0667	0.95	1	1	7.039746
Lane_str_inv	BOBJ1	167.9067	Before	Interior Girder 4	44.0667	0.95	1	1	7.039746
Lane_str_inv	BOBJ1	167.9067	Before	Interior Girder 5	44.0667	0.95	1	1	6.914819
Lane_str_inv	BOBJ1	167.9067	Before	Interior Girder 6	44.0667	0.95	1	1	7.071739
Lane_str_inv	BOBJ1	167.9067	Before	Right Exterior Girder	44.0667	0.95	1	1	9.346487
Lane_str_inv	BOBJ1	167.9067	After	Left Exterior Girder	44.0667	0.95	1	1	9.161357
Lane_str_inv	BOBJ1	167.9067	After	Interior Girder 1	44.0667	0.95	1	1	7.163631
Lane_str_inv	BOBJ1	167.9067	After	Interior Girder 2	44.0667	0.95	1	1	6.937066
Lane_str_inv	BOBJ1	167.9067	After	Interior Girder 3	44.0667	0.95	1	1	6.967119
Lane_str_inv	BOBJ1	167.9067	After	Interior Girder 4	44.0667	0.95	1	1	6.967119
Lane_str_inv	BOBJ1	167.9067	After	Interior Girder 5	44.0667	0.95	1	1	6.937066
Lane_str_inv	BOBJ1	167.9067	After	Interior Girder 6	44.0667	0.95	1	1	7.163631
Lane_str_inv	BOBJ1	167.9067	After	Right Exterior Girder	44.0667	0.95	1	1	9.161357
Lane_str_inv	BOBJ1	173.94	Before	Left Exterior Girder	50.1	0.95	1	1	14.757847
Lane_str_inv	BOBJ1	173.94	Before	Interior Girder 1	50.1	0.95	1	1	11.848887
Lane_str_inv	BOBJ1	173.94	Before	Interior Girder 2	50.1	0.95	1	1	11.101618
Lane_str_inv	BOBJ1	173.94	Before	Interior Girder 3	50.1	0.95	1	1	11.424822
Lane_str_inv	BOBJ1	173.94	Before	Interior Girder 4	50.1	0.95	1	1	11.424822
Lane_str_inv	BOBJ1	173.94	Before	Interior Girder 5	50.1	0.95	1	1	11.101618

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelINonCompStrgth-Flx - Approach, Span 12-1									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Lane_str_inv	BOBJ1	173.94	Before	Interior Girder 6	50.1	0.95	1	1	11.848887
Lane_str_inv	BOBJ1	173.94	Before	Right Exterior Girder	50.1	0.95	1	1	14.757847
Lane_str_inv	BOBJ1	173.94	After	Left Exterior Girder	50.1	0.95	1	1	14.684945
Lane_str_inv	BOBJ1	173.94	After	Interior Girder 1	50.1	0.95	1	1	11.902538
Lane_str_inv	BOBJ1	173.94	After	Interior Girder 2	50.1	0.95	1	1	11.065766
Lane_str_inv	BOBJ1	173.94	After	Interior Girder 3	50.1	0.95	1	1	11.145509
Lane_str_inv	BOBJ1	173.94	After	Interior Girder 4	50.1	0.95	1	1	11.145509
Lane_str_inv	BOBJ1	173.94	After	Interior Girder 5	50.1	0.95	1	1	11.065766
Lane_str_inv	BOBJ1	173.94	After	Interior Girder 6	50.1	0.95	1	1	11.902538
Lane_str_inv	BOBJ1	173.94	After	Right Exterior Girder	50.1	0.95	1	1	14.684945
Lane_str_inv	BOBJ1	179.98	Before	Left Exterior Girder	56.14	0.95	1	1	14.111077
Lane_str_inv	BOBJ1	179.98	Before	Interior Girder 1	56.14	0.95	1	1	11.868008
Lane_str_inv	BOBJ1	179.98	Before	Interior Girder 2	56.14	0.95	1	1	11.23513
Lane_str_inv	BOBJ1	179.98	Before	Interior Girder 3	56.14	0.95	1	1	11.096095
Lane_str_inv	BOBJ1	179.98	Before	Interior Girder 4	56.14	0.95	1	1	11.096095
Lane_str_inv	BOBJ1	179.98	Before	Interior Girder 5	56.14	0.95	1	1	11.23513
Lane_str_inv	BOBJ1	179.98	Before	Interior Girder 6	56.14	0.95	1	1	11.868008
Lane_str_inv	BOBJ1	179.98	Before	Right Exterior Girder	56.14	0.95	1	1	14.111077
Lane_str_inv	BOBJ1	179.98	After	Left Exterior Girder	56.14	0.95	1	1	14.54501
Lane_str_inv	BOBJ1	179.98	After	Interior Girder 1	56.14	0.95	1	1	11.813778
Lane_str_inv	BOBJ1	179.98	After	Interior Girder 2	56.14	0.95	1	1	11.277827
Lane_str_inv	BOBJ1	179.98	After	Interior Girder 3	56.14	0.95	1	1	11.293193
Lane_str_inv	BOBJ1	179.98	After	Interior Girder 4	56.14	0.95	1	1	11.293193
Lane_str_inv	BOBJ1	179.98	After	Interior Girder 5	56.14	0.95	1	1	11.277827
Lane_str_inv	BOBJ1	179.98	After	Interior Girder 6	56.14	0.95	1	1	11.813778
Lane_str_inv	BOBJ1	179.98	After	Right Exterior Girder	56.14	0.95	1	1	14.54501
Lane_str_inv	BOBJ1	183.56	Before	Left Exterior Girder	59.72	0.95	1	1	8.506827
Lane_str_inv	BOBJ1	183.56	Before	Right Exterior Girder	59.72	0.95	1	1	8.506827
Lane_str_inv	BOBJ1	183.56	After	Left Exterior Girder	59.72	0.95	1	1	20.93961
Lane_str_inv	BOBJ1	183.56	After	Right Exterior Girder	59.72	0.95	1	1	20.93961
Lane_str_inv	BOBJ1	186.02	Before	Left Exterior Girder	62.18	0.95	1	1	14.987879
Lane_str_inv	BOBJ1	186.02	Before	Interior Girder 1	62.22	0.95	1	1	5.388051
Lane_str_inv	BOBJ1	186.02	Before	Interior Girder 2	62.22	0.95	1	1	5.350485
Lane_str_inv	BOBJ1	186.02	Before	Interior Girder 3	62.22	0.95	1	1	4.870889
Lane_str_inv	BOBJ1	186.02	Before	Interior Girder 4	62.22	0.95	1	1	4.870889
Lane_str_inv	BOBJ1	186.02	Before	Interior Girder 5	62.22	0.95	1	1	5.350485
Lane_str_inv	BOBJ1	186.02	Before	Interior Girder 6	62.22	0.95	1	1	5.388051
Lane_str_inv	BOBJ1	186.02	Before	Right Exterior Girder	62.18	0.95	1	1	14.987879
Lane_str_inv	BOBJ1	186.02	After	Left Exterior Girder	62.18	0.95	1	1	15.132485
Lane_str_inv	BOBJ1	186.02	After	Interior Girder 1	62.22	0.95	1	1	8.828253
Lane_str_inv	BOBJ1	186.02	After	Interior Girder 2	62.22	0.95	1	1	8.648268
Lane_str_inv	BOBJ1	186.02	After	Interior Girder 3	62.22	0.95	1	1	8.10843
Lane_str_inv	BOBJ1	186.02	After	Interior Girder 4	62.22	0.95	1	1	8.10843
Lane_str_inv	BOBJ1	186.02	After	Interior Girder 5	62.22	0.95	1	1	8.648268
Lane_str_inv	BOBJ1	186.02	After	Interior Girder 6	62.22	0.95	1	1	8.828253
Lane_str_inv	BOBJ1	186.02	After	Right Exterior Girder	62.18	0.95	1	1	15.132485
Lane_str_inv	BOBJ1	192.06	Before	Left Exterior Girder	68.22	0.95	1	1	6.986668
Lane_str_inv	BOBJ1	192.06	Before	Interior Girder 1	68.22	0.95	1	1	4.031613
Lane_str_inv	BOBJ1	192.06	Before	Interior Girder 2	68.22	0.95	1	1	4.126577
Lane_str_inv	BOBJ1	192.06	Before	Interior Girder 3	68.22	0.95	1	1	3.561996
Lane_str_inv	BOBJ1	192.06	Before	Interior Girder 4	68.22	0.95	1	1	3.561996
Lane_str_inv	BOBJ1	192.06	Before	Interior Girder 5	68.22	0.95	1	1	4.126577
Lane_str_inv	BOBJ1	192.06	Before	Interior Girder 6	68.22	0.95	1	1	4.031613
Lane_str_inv	BOBJ1	192.06	Before	Right Exterior Girder	68.22	0.95	1	1	6.986668
Lane_str_inv	BOBJ1	192.06	After	Left Exterior Girder	0	0.95	1	1	8.963889
Lane_str_inv	BOBJ1	192.06	After	Interior Girder 1	0	0.95	1	1	5.151695
Lane_str_inv	BOBJ1	192.06	After	Interior Girder 2	0	0.95	1	1	5.229281
Lane_str_inv	BOBJ1	192.06	After	Interior Girder 3	0	0.95	1	1	4.551928
Lane_str_inv	BOBJ1	192.06	After	Interior Girder 4	0	0.95	1	1	4.551928
Lane_str_inv	BOBJ1	192.06	After	Interior Girder 5	0	0.95	1	1	5.229281
Lane_str_inv	BOBJ1	192.06	After	Interior Girder 6	0	0.95	1	1	5.151695
Lane_str_inv	BOBJ1	192.06	After	Right Exterior Girder	0	0.95	1	1	8.963889
Lane_str_inv	BOBJ1	197.087	Before	Interior Girder 1	5.027	0.95	1	1	9.12727
Lane_str_inv	BOBJ1	197.087	Before	Interior Girder 2	5.027	0.95	1	1	8.900764
Lane_str_inv	BOBJ1	197.087	Before	Interior Girder 3	5.027	0.95	1	1	8.679617

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelINonCompStrgth-Flx - Approach, Span 12-1									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Lane_str_inv	BOBJ1	197.087	Before	Interior Girder 4	5.027	0.95	1	1	8.679617
Lane_str_inv	BOBJ1	197.087	Before	Interior Girder 5	5.027	0.95	1	1	8.900764
Lane_str_inv	BOBJ1	197.087	Before	Interior Girder 6	5.027	0.95	1	1	9.12727
Lane_str_inv	BOBJ1	197.087	After	Interior Girder 1	5.027	0.95	1	1	5.60548
Lane_str_inv	BOBJ1	197.087	After	Interior Girder 2	5.027	0.95	1	1	5.518013
Lane_str_inv	BOBJ1	197.087	After	Interior Girder 3	5.027	0.95	1	1	5.31136
Lane_str_inv	BOBJ1	197.087	After	Interior Girder 4	5.027	0.95	1	1	5.31136
Lane_str_inv	BOBJ1	197.087	After	Interior Girder 5	5.027	0.95	1	1	5.518013
Lane_str_inv	BOBJ1	197.087	After	Interior Girder 6	5.027	0.95	1	1	5.60548
Lane_str_inv	BOBJ1	197.91	Before	Left Exterior Girder	5.85	0.95	1	1	16.239238
Lane_str_inv	BOBJ1	197.91	Before	Interior Girder 1	5.85	0.95	1	1	6.277752
Lane_str_inv	BOBJ1	197.91	Before	Interior Girder 2	5.85	0.95	1	1	6.045015
Lane_str_inv	BOBJ1	197.91	Before	Interior Girder 3	5.85	0.95	1	1	5.959932
Lane_str_inv	BOBJ1	197.91	Before	Interior Girder 4	5.85	0.95	1	1	5.959932
Lane_str_inv	BOBJ1	197.91	Before	Interior Girder 5	5.85	0.95	1	1	6.045015
Lane_str_inv	BOBJ1	197.91	Before	Interior Girder 6	5.85	0.95	1	1	6.277752
Lane_str_inv	BOBJ1	197.91	Before	Right Exterior Girder	5.85	0.95	1	1	16.239238
Lane_str_inv	BOBJ1	197.91	After	Left Exterior Girder	5.85	0.95	1	1	13.720246
Lane_str_inv	BOBJ1	197.91	After	Interior Girder 1	5.85	0.95	1	1	5.223661
Lane_str_inv	BOBJ1	197.91	After	Interior Girder 2	5.85	0.95	1	1	5.04429
Lane_str_inv	BOBJ1	197.91	After	Interior Girder 3	5.85	0.95	1	1	4.898981
Lane_str_inv	BOBJ1	197.91	After	Interior Girder 4	5.85	0.95	1	1	4.898981
Lane_str_inv	BOBJ1	197.91	After	Interior Girder 5	5.85	0.95	1	1	5.04429
Lane_str_inv	BOBJ1	197.91	After	Interior Girder 6	5.85	0.95	1	1	5.223661
Lane_str_inv	BOBJ1	197.91	After	Right Exterior Girder	5.85	0.95	1	1	13.720246
Lane_str_inv	BOBJ1	199.1816	Before	Left Exterior Girder	7.1216	0.95	1	1	15.336549
Lane_str_inv	BOBJ1	199.1816	Before	Right Exterior Girder	7.1216	0.95	1	1	15.336549
Lane_str_inv	BOBJ1	199.1816	After	Left Exterior Girder	7.1216	0.95	1	1	6.098632
Lane_str_inv	BOBJ1	199.1816	After	Right Exterior Girder	7.1216	0.95	1	1	6.098632
Lane_str_inv	BOBJ1	203.5267	Before	Left Exterior Girder	11.3107	0.95	1	1	9.227207
Lane_str_inv	BOBJ1	203.5267	Before	Interior Girder 1	11.3107	0.95	1	1	8.81632
Lane_str_inv	BOBJ1	203.5267	Before	Interior Girder 2	11.3107	0.95	1	1	8.35925
Lane_str_inv	BOBJ1	203.5267	Before	Interior Girder 3	11.3107	0.95	1	1	8.798952
Lane_str_inv	BOBJ1	203.5267	Before	Interior Girder 4	11.3107	0.95	1	1	8.798952
Lane_str_inv	BOBJ1	203.5267	Before	Interior Girder 5	11.3107	0.95	1	1	8.35925
Lane_str_inv	BOBJ1	203.5267	Before	Interior Girder 6	11.3107	0.95	1	1	8.81632
Lane_str_inv	BOBJ1	203.5267	Before	Right Exterior Girder	11.3107	0.95	1	1	9.227207
Lane_str_inv	BOBJ1	203.5267	After	Left Exterior Girder	11.3107	0.95	1	1	14.752045
Lane_str_inv	BOBJ1	203.5267	After	Interior Girder 1	11.3107	0.95	1	1	14.014815
Lane_str_inv	BOBJ1	203.5267	After	Interior Girder 2	11.3107	0.95	1	1	13.289897
Lane_str_inv	BOBJ1	203.5267	After	Interior Girder 3	11.3107	0.95	1	1	13.926098
Lane_str_inv	BOBJ1	203.5267	After	Interior Girder 4	11.3107	0.95	1	1	13.926098
Lane_str_inv	BOBJ1	203.5267	After	Interior Girder 5	11.3107	0.95	1	1	13.289897
Lane_str_inv	BOBJ1	203.5267	After	Interior Girder 6	11.3107	0.95	1	1	14.014815
Lane_str_inv	BOBJ1	203.5267	After	Right Exterior Girder	11.3107	0.95	1	1	14.752045
Lane_str_inv	BOBJ1	209.1433	Before	Left Exterior Girder	17.0833	0.95	1	1	16.990166
Lane_str_inv	BOBJ1	209.1433	Before	Interior Girder 1	17.0833	0.95	1	1	12.561673
Lane_str_inv	BOBJ1	209.1433	Before	Interior Girder 2	17.0833	0.95	1	1	12.285967
Lane_str_inv	BOBJ1	209.1433	Before	Interior Girder 3	17.0833	0.95	1	1	12.625366
Lane_str_inv	BOBJ1	209.1433	Before	Interior Girder 4	17.0833	0.95	1	1	12.625366
Lane_str_inv	BOBJ1	209.1433	Before	Interior Girder 5	17.0833	0.95	1	1	12.285967
Lane_str_inv	BOBJ1	209.1433	Before	Interior Girder 6	17.0833	0.95	1	1	12.561673
Lane_str_inv	BOBJ1	209.1433	Before	Right Exterior Girder	17.0833	0.95	1	1	16.990166
Lane_str_inv	BOBJ1	209.1433	After	Left Exterior Girder	17.0833	0.95	1	1	16.714747
Lane_str_inv	BOBJ1	209.1433	After	Interior Girder 1	17.0833	0.95	1	1	12.660984
Lane_str_inv	BOBJ1	209.1433	After	Interior Girder 2	17.0833	0.95	1	1	12.392269
Lane_str_inv	BOBJ1	209.1433	After	Interior Girder 3	17.0833	0.95	1	1	12.899486
Lane_str_inv	BOBJ1	209.1433	After	Interior Girder 4	17.0833	0.95	1	1	12.899486
Lane_str_inv	BOBJ1	209.1433	After	Interior Girder 5	17.0833	0.95	1	1	12.392269
Lane_str_inv	BOBJ1	209.1433	After	Interior Girder 6	17.0833	0.95	1	1	12.660984
Lane_str_inv	BOBJ1	209.1433	After	Right Exterior Girder	17.0833	0.95	1	1	16.714747
Lane_str_inv	BOBJ1	214.76	Before	Left Exterior Girder	22.7	0.95	1	1	12.187131
Lane_str_inv	BOBJ1	214.76	Before	Interior Girder 1	22.7	0.95	1	1	9.805988
Lane_str_inv	BOBJ1	214.76	Before	Interior Girder 2	22.7	0.95	1	1	9.46028
Lane_str_inv	BOBJ1	214.76	Before	Interior Girder 3	22.7	0.95	1	1	9.631839

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelINonCompStrgth-Flx - Approach, Span 12-1									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Lane_str_inv	BOBJ1	214.76	Before	Interior Girder 4	22.7	0.95	1	1	9.631839
Lane_str_inv	BOBJ1	214.76	Before	Interior Girder 5	22.7	0.95	1	1	9.46028
Lane_str_inv	BOBJ1	214.76	Before	Interior Girder 6	22.7	0.95	1	1	9.805988
Lane_str_inv	BOBJ1	214.76	Before	Right Exterior Girder	22.7	0.95	1	1	12.187131
Lane_str_inv	BOBJ1	214.76	After	Left Exterior Girder	22.7	0.95	1	1	12.208554
Lane_str_inv	BOBJ1	214.76	After	Interior Girder 1	22.7	0.95	1	1	9.787808
Lane_str_inv	BOBJ1	214.76	After	Interior Girder 2	22.7	0.95	1	1	9.467827
Lane_str_inv	BOBJ1	214.76	After	Interior Girder 3	22.7	0.95	1	1	9.701184
Lane_str_inv	BOBJ1	214.76	After	Interior Girder 4	22.7	0.95	1	1	9.701184
Lane_str_inv	BOBJ1	214.76	After	Interior Girder 5	22.7	0.95	1	1	9.467827
Lane_str_inv	BOBJ1	214.76	After	Interior Girder 6	22.7	0.95	1	1	9.787808
Lane_str_inv	BOBJ1	214.76	After	Right Exterior Girder	22.7	0.95	1	1	12.208554
Lane_str_inv	BOBJ1	220.3767	Before	Left Exterior Girder	28.3167	0.95	1	1	11.086504
Lane_str_inv	BOBJ1	220.3767	Before	Interior Girder 1	28.3167	0.95	1	1	8.337891
Lane_str_inv	BOBJ1	220.3767	Before	Interior Girder 2	28.3167	0.95	1	1	8.209485
Lane_str_inv	BOBJ1	220.3767	Before	Interior Girder 3	28.3167	0.95	1	1	8.298425
Lane_str_inv	BOBJ1	220.3767	Before	Interior Girder 4	28.3167	0.95	1	1	8.298425
Lane_str_inv	BOBJ1	220.3767	Before	Interior Girder 5	28.3167	0.95	1	1	8.209485
Lane_str_inv	BOBJ1	220.3767	Before	Interior Girder 6	28.3167	0.95	1	1	8.337891
Lane_str_inv	BOBJ1	220.3767	Before	Right Exterior Girder	28.3167	0.95	1	1	11.086504
Lane_str_inv	BOBJ1	220.3767	After	Left Exterior Girder	28.3167	0.95	1	1	11.151082
Lane_str_inv	BOBJ1	220.3767	After	Interior Girder 1	28.3167	0.95	1	1	8.306813
Lane_str_inv	BOBJ1	220.3767	After	Interior Girder 2	28.3167	0.95	1	1	8.180449
Lane_str_inv	BOBJ1	220.3767	After	Interior Girder 3	28.3167	0.95	1	1	8.283909
Lane_str_inv	BOBJ1	220.3767	After	Interior Girder 4	28.3167	0.95	1	1	8.283909
Lane_str_inv	BOBJ1	220.3767	After	Interior Girder 5	28.3167	0.95	1	1	8.180449
Lane_str_inv	BOBJ1	220.3767	After	Interior Girder 6	28.3167	0.95	1	1	8.306813
Lane_str_inv	BOBJ1	220.3767	After	Right Exterior Girder	28.3167	0.95	1	1	11.151082
Lane_str_inv	BOBJ1	225.9933	Before	Left Exterior Girder	33.9333	0.95	1	1	11.125229
Lane_str_inv	BOBJ1	225.9933	Before	Interior Girder 1	33.9333	0.95	1	1	8.173609
Lane_str_inv	BOBJ1	225.9933	Before	Interior Girder 2	33.9333	0.95	1	1	8.102437
Lane_str_inv	BOBJ1	225.9933	Before	Interior Girder 3	33.9333	0.95	1	1	8.162676
Lane_str_inv	BOBJ1	225.9933	Before	Interior Girder 4	33.9333	0.95	1	1	8.162676
Lane_str_inv	BOBJ1	225.9933	Before	Interior Girder 5	33.9333	0.95	1	1	8.102437
Lane_str_inv	BOBJ1	225.9933	Before	Interior Girder 6	33.9333	0.95	1	1	8.173609
Lane_str_inv	BOBJ1	225.9933	Before	Right Exterior Girder	33.9333	0.95	1	1	11.125229
Lane_str_inv	BOBJ1	225.9933	After	Left Exterior Girder	33.9333	0.95	1	1	11.024472
Lane_str_inv	BOBJ1	225.9933	After	Interior Girder 1	33.9333	0.95	1	1	8.224732
Lane_str_inv	BOBJ1	225.9933	After	Interior Girder 2	33.9333	0.95	1	1	8.101656
Lane_str_inv	BOBJ1	225.9933	After	Interior Girder 3	33.9333	0.95	1	1	8.134239
Lane_str_inv	BOBJ1	225.9933	After	Interior Girder 4	33.9333	0.95	1	1	8.134239
Lane_str_inv	BOBJ1	225.9933	After	Interior Girder 5	33.9333	0.95	1	1	8.101656
Lane_str_inv	BOBJ1	225.9933	After	Interior Girder 6	33.9333	0.95	1	1	8.224732
Lane_str_inv	BOBJ1	225.9933	After	Right Exterior Girder	33.9333	0.95	1	1	11.024472
Lane_str_inv	BOBJ1	231.61	Before	Left Exterior Girder	39.55	0.95	1	1	12.164785
Lane_str_inv	BOBJ1	231.61	Before	Interior Girder 1	39.55	0.95	1	1	9.392187
Lane_str_inv	BOBJ1	231.61	Before	Interior Girder 2	39.55	0.95	1	1	9.207544
Lane_str_inv	BOBJ1	231.61	Before	Interior Girder 3	39.55	0.95	1	1	9.252724
Lane_str_inv	BOBJ1	231.61	Before	Interior Girder 4	39.55	0.95	1	1	9.252724
Lane_str_inv	BOBJ1	231.61	Before	Interior Girder 5	39.55	0.95	1	1	9.207544
Lane_str_inv	BOBJ1	231.61	Before	Interior Girder 6	39.55	0.95	1	1	9.392187
Lane_str_inv	BOBJ1	231.61	Before	Right Exterior Girder	39.55	0.95	1	1	12.164785
Lane_str_inv	BOBJ1	231.61	After	Left Exterior Girder	39.55	0.95	1	1	12.175119
Lane_str_inv	BOBJ1	231.61	After	Interior Girder 1	39.55	0.95	1	1	9.409664
Lane_str_inv	BOBJ1	231.61	After	Interior Girder 2	39.55	0.95	1	1	9.155758
Lane_str_inv	BOBJ1	231.61	After	Interior Girder 3	39.55	0.95	1	1	9.12202
Lane_str_inv	BOBJ1	231.61	After	Interior Girder 4	39.55	0.95	1	1	9.12202
Lane_str_inv	BOBJ1	231.61	After	Interior Girder 5	39.55	0.95	1	1	9.155758
Lane_str_inv	BOBJ1	231.61	After	Interior Girder 6	39.55	0.95	1	1	9.409664
Lane_str_inv	BOBJ1	231.61	After	Right Exterior Girder	39.55	0.95	1	1	12.175119
Lane_str_inv	BOBJ1	237.37	Before	Left Exterior Girder	45.31	0.95	1	1	17.58684
Lane_str_inv	BOBJ1	237.37	Before	Interior Girder 1	45.31	0.95	1	1	12.164743
Lane_str_inv	BOBJ1	237.37	Before	Interior Girder 2	45.31	0.95	1	1	12.174264
Lane_str_inv	BOBJ1	237.37	Before	Interior Girder 3	45.31	0.95	1	1	12.113592
Lane_str_inv	BOBJ1	237.37	Before	Interior Girder 4	45.31	0.95	1	1	12.113592

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelINonCompStrgth-Flx - Approach, Span 12-1									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Lane_str_inv	BOBJ1	237.37	Before	Interior Girder 5	45.31	0.95	1	1	12.174264
Lane_str_inv	BOBJ1	237.37	Before	Interior Girder 6	45.31	0.95	1	1	12.164743
Lane_str_inv	BOBJ1	237.37	Before	Right Exterior Girder	45.31	0.95	1	1	17.58684
Lane_str_inv	BOBJ1	237.37	After	Left Exterior Girder	45.31	0.95	1	1	17.899429
Lane_str_inv	BOBJ1	237.37	After	Interior Girder 1	45.31	0.95	1	1	12.116726
Lane_str_inv	BOBJ1	237.37	After	Interior Girder 2	45.31	0.95	1	1	12.009172
Lane_str_inv	BOBJ1	237.37	After	Interior Girder 3	45.31	0.95	1	1	11.795523
Lane_str_inv	BOBJ1	237.37	After	Interior Girder 4	45.31	0.95	1	1	11.795523
Lane_str_inv	BOBJ1	237.37	After	Interior Girder 5	45.31	0.95	1	1	12.009172
Lane_str_inv	BOBJ1	237.37	After	Interior Girder 6	45.31	0.95	1	1	12.116726
Lane_str_inv	BOBJ1	237.37	After	Right Exterior Girder	45.31	0.95	1	1	17.899429
Lane_str_inv	BOBJ1	243.13	Before	Left Exterior Girder	51.07	0.95	1	1	36.202662
Lane_str_inv	BOBJ1	243.13	Before	Interior Girder 1	51.07	0.95	1	1	21.925176
Lane_str_inv	BOBJ1	243.13	Before	Interior Girder 2	51.07	0.95	1	1	22.385719
Lane_str_inv	BOBJ1	243.13	Before	Interior Girder 3	51.07	0.95	1	1	22.053372
Lane_str_inv	BOBJ1	243.13	Before	Interior Girder 4	51.07	0.95	1	1	22.053372
Lane_str_inv	BOBJ1	243.13	Before	Interior Girder 5	51.07	0.95	1	1	22.385719
Lane_str_inv	BOBJ1	243.13	Before	Interior Girder 6	51.07	0.95	1	1	21.925176
Lane_str_inv	BOBJ1	243.13	Before	Right Exterior Girder	51.07	0.95	1	1	36.202662
Lane_str_inv	BOBJ1	243.13	After	Left Exterior Girder	51.07	0.95	1	1	37.114956
Lane_str_inv	BOBJ1	243.13	After	Interior Girder 1	51.07	0.95	1	1	21.782458
Lane_str_inv	BOBJ1	243.13	After	Interior Girder 2	51.07	0.95	1	1	22.030277
Lane_str_inv	BOBJ1	243.13	After	Interior Girder 3	51.07	0.95	1	1	21.136243
Lane_str_inv	BOBJ1	243.13	After	Interior Girder 4	51.07	0.95	1	1	21.136243
Lane_str_inv	BOBJ1	243.13	After	Interior Girder 5	51.07	0.95	1	1	22.030277
Lane_str_inv	BOBJ1	243.13	After	Interior Girder 6	51.07	0.95	1	1	21.782458
Lane_str_inv	BOBJ1	243.13	After	Right Exterior Girder	51.07	0.95	1	1	37.114956
Lane_str_inv	BOBJ1	248.89	Before	Left Exterior Girder	56.83	0.95	1	1	1656.093027
Lane_str_inv	BOBJ1	248.89	Before	Interior Girder 1	56.83	0.95	1	1	1447.975326
Lane_str_inv	BOBJ1	248.89	Before	Interior Girder 2	56.83	0.95	1	1	1255.946261
Lane_str_inv	BOBJ1	248.89	Before	Interior Girder 3	56.83	0.95	1	1	1032.351974
Lane_str_inv	BOBJ1	248.89	Before	Interior Girder 4	56.83	0.95	1	1	1032.351977
Lane_str_inv	BOBJ1	248.89	Before	Interior Girder 5	56.83	0.95	1	1	1255.946261
Lane_str_inv	BOBJ1	248.89	Before	Interior Girder 6	56.83	0.95	1	1	1447.975326
Lane_str_inv	BOBJ1	248.89	Before	Right Exterior Girder	56.83	0.95	1	1	1656.093027
SU4_str	BOBJ1	0	After	Left Exterior Girder	0	0.95	1	1	286.120859
SU4_str	BOBJ1	0	After	Interior Girder 1	0	0.95	1	1	261.223557
SU4_str	BOBJ1	0	After	Interior Girder 2	0	0.95	1	1	188.93036
SU4_str	BOBJ1	0	After	Interior Girder 3	0	0.95	1	1	153.129675
SU4_str	BOBJ1	0	After	Interior Girder 4	0	0.95	1	1	153.129675
SU4_str	BOBJ1	0	After	Interior Girder 5	0	0.95	1	1	188.930359
SU4_str	BOBJ1	0	After	Interior Girder 6	0	0.95	1	1	261.223558
SU4_str	BOBJ1	0	After	Right Exterior Girder	0	0.95	1	1	286.120859
SU4_str	BOBJ1	5.85	Before	Left Exterior Girder	5.85	0.95	1	1	7.336733
SU4_str	BOBJ1	5.85	Before	Interior Girder 1	5.85	0.95	1	1	5.022146
SU4_str	BOBJ1	5.85	Before	Interior Girder 2	5.85	0.95	1	1	4.653993
SU4_str	BOBJ1	5.85	Before	Interior Girder 3	5.85	0.95	1	1	4.059944
SU4_str	BOBJ1	5.85	Before	Interior Girder 4	5.85	0.95	1	1	4.059944
SU4_str	BOBJ1	5.85	Before	Interior Girder 5	5.85	0.95	1	1	4.653993
SU4_str	BOBJ1	5.85	Before	Interior Girder 6	5.85	0.95	1	1	5.022146
SU4_str	BOBJ1	5.85	Before	Right Exterior Girder	5.85	0.95	1	1	7.336733
SU4_str	BOBJ1	5.85	After	Left Exterior Girder	5.85	0.95	1	1	7.363825
SU4_str	BOBJ1	5.85	After	Interior Girder 1	5.85	0.95	1	1	5.036907
SU4_str	BOBJ1	5.85	After	Interior Girder 2	5.85	0.95	1	1	4.716572
SU4_str	BOBJ1	5.85	After	Interior Girder 3	5.85	0.95	1	1	4.243793
SU4_str	BOBJ1	5.85	After	Interior Girder 4	5.85	0.95	1	1	4.243793
SU4_str	BOBJ1	5.85	After	Interior Girder 5	5.85	0.95	1	1	4.716572
SU4_str	BOBJ1	5.85	After	Interior Girder 6	5.85	0.95	1	1	5.036907
SU4_str	BOBJ1	5.85	After	Right Exterior Girder	5.85	0.95	1	1	7.363825
SU4_str	BOBJ1	11.4667	Before	Left Exterior Girder	11.4667	0.95	1	1	4.035818
SU4_str	BOBJ1	11.4667	Before	Interior Girder 1	11.4667	0.95	1	1	2.841505
SU4_str	BOBJ1	11.4667	Before	Interior Girder 2	11.4667	0.95	1	1	2.67567
SU4_str	BOBJ1	11.4667	Before	Interior Girder 3	11.4667	0.95	1	1	2.478884
SU4_str	BOBJ1	11.4667	Before	Interior Girder 4	11.4667	0.95	1	1	2.478884
SU4_str	BOBJ1	11.4667	Before	Interior Girder 5	11.4667	0.95	1	1	2.67567

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelINonCompStrgth-Flx - Approach, Span 12-1									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
SU4_str	BOBJ1	11.4667	Before	Interior Girder 6	11.4667	0.95	1	1	2.841505
SU4_str	BOBJ1	11.4667	Before	Right Exterior Girder	11.4667	0.95	1	1	4.035818
SU4_str	BOBJ1	11.4667	After	Left Exterior Girder	11.4667	0.95	1	1	4.09
SU4_str	BOBJ1	11.4667	After	Interior Girder 1	11.4667	0.95	1	1	2.824976
SU4_str	BOBJ1	11.4667	After	Interior Girder 2	11.4667	0.95	1	1	2.701843
SU4_str	BOBJ1	11.4667	After	Interior Girder 3	11.4667	0.95	1	1	2.543061
SU4_str	BOBJ1	11.4667	After	Interior Girder 4	11.4667	0.95	1	1	2.543061
SU4_str	BOBJ1	11.4667	After	Interior Girder 5	11.4667	0.95	1	1	2.701843
SU4_str	BOBJ1	11.4667	After	Interior Girder 6	11.4667	0.95	1	1	2.824976
SU4_str	BOBJ1	11.4667	After	Right Exterior Girder	11.4667	0.95	1	1	4.09
SU4_str	BOBJ1	17.0833	Before	Left Exterior Girder	17.0833	0.95	1	1	3.0377
SU4_str	BOBJ1	17.0833	Before	Interior Girder 1	17.0833	0.95	1	1	2.241359
SU4_str	BOBJ1	17.0833	Before	Interior Girder 2	17.0833	0.95	1	1	2.129563
SU4_str	BOBJ1	17.0833	Before	Interior Girder 3	17.0833	0.95	1	1	2.039465
SU4_str	BOBJ1	17.0833	Before	Interior Girder 4	17.0833	0.95	1	1	2.039465
SU4_str	BOBJ1	17.0833	Before	Interior Girder 5	17.0833	0.95	1	1	2.129563
SU4_str	BOBJ1	17.0833	Before	Interior Girder 6	17.0833	0.95	1	1	2.241359
SU4_str	BOBJ1	17.0833	Before	Right Exterior Girder	17.0833	0.95	1	1	3.0377
SU4_str	BOBJ1	17.0833	After	Left Exterior Girder	17.0833	0.95	1	1	3.035313
SU4_str	BOBJ1	17.0833	After	Interior Girder 1	17.0833	0.95	1	1	2.242657
SU4_str	BOBJ1	17.0833	After	Interior Girder 2	17.0833	0.95	1	1	2.147844
SU4_str	BOBJ1	17.0833	After	Interior Girder 3	17.0833	0.95	1	1	2.062329
SU4_str	BOBJ1	17.0833	After	Interior Girder 4	17.0833	0.95	1	1	2.062329
SU4_str	BOBJ1	17.0833	After	Interior Girder 5	17.0833	0.95	1	1	2.147844
SU4_str	BOBJ1	17.0833	After	Interior Girder 6	17.0833	0.95	1	1	2.242657
SU4_str	BOBJ1	17.0833	After	Right Exterior Girder	17.0833	0.95	1	1	3.035313
SU4_str	BOBJ1	22.7	Before	Left Exterior Girder	22.7	0.95	1	1	2.64455
SU4_str	BOBJ1	22.7	Before	Interior Girder 1	22.7	0.95	1	1	2.154338
SU4_str	BOBJ1	22.7	Before	Interior Girder 2	22.7	0.95	1	1	2.058209
SU4_str	BOBJ1	22.7	Before	Interior Girder 3	22.7	0.95	1	1	2.010279
SU4_str	BOBJ1	22.7	Before	Interior Girder 4	22.7	0.95	1	1	2.010279
SU4_str	BOBJ1	22.7	Before	Interior Girder 5	22.7	0.95	1	1	2.058209
SU4_str	BOBJ1	22.7	Before	Interior Girder 6	22.7	0.95	1	1	2.154338
SU4_str	BOBJ1	22.7	Before	Right Exterior Girder	22.7	0.95	1	1	2.64455
SU4_str	BOBJ1	22.7	After	Left Exterior Girder	22.7	0.95	1	1	2.655356
SU4_str	BOBJ1	22.7	After	Interior Girder 1	22.7	0.95	1	1	2.148046
SU4_str	BOBJ1	22.7	After	Interior Girder 2	22.7	0.95	1	1	2.058945
SU4_str	BOBJ1	22.7	After	Interior Girder 3	22.7	0.95	1	1	2.011441
SU4_str	BOBJ1	22.7	After	Interior Girder 4	22.7	0.95	1	1	2.011441
SU4_str	BOBJ1	22.7	After	Interior Girder 5	22.7	0.95	1	1	2.058945
SU4_str	BOBJ1	22.7	After	Interior Girder 6	22.7	0.95	1	1	2.148046
SU4_str	BOBJ1	22.7	After	Right Exterior Girder	22.7	0.95	1	1	2.655356
SU4_str	BOBJ1	28.3167	Before	Left Exterior Girder	28.3167	0.95	1	1	2.914314
SU4_str	BOBJ1	28.3167	Before	Interior Girder 1	28.3167	0.95	1	1	2.188982
SU4_str	BOBJ1	28.3167	Before	Interior Girder 2	28.3167	0.95	1	1	2.100465
SU4_str	BOBJ1	28.3167	Before	Interior Girder 3	28.3167	0.95	1	1	2.045018
SU4_str	BOBJ1	28.3167	Before	Interior Girder 4	28.3167	0.95	1	1	2.045018
SU4_str	BOBJ1	28.3167	Before	Interior Girder 5	28.3167	0.95	1	1	2.100465
SU4_str	BOBJ1	28.3167	Before	Interior Girder 6	28.3167	0.95	1	1	2.188982
SU4_str	BOBJ1	28.3167	Before	Right Exterior Girder	28.3167	0.95	1	1	2.914314
SU4_str	BOBJ1	28.3167	After	Left Exterior Girder	28.3167	0.95	1	1	2.924438
SU4_str	BOBJ1	28.3167	After	Interior Girder 1	28.3167	0.95	1	1	2.182319
SU4_str	BOBJ1	28.3167	After	Interior Girder 2	28.3167	0.95	1	1	2.08956
SU4_str	BOBJ1	28.3167	After	Interior Girder 3	28.3167	0.95	1	1	2.029853
SU4_str	BOBJ1	28.3167	After	Interior Girder 4	28.3167	0.95	1	1	2.029853
SU4_str	BOBJ1	28.3167	After	Interior Girder 5	28.3167	0.95	1	1	2.08956
SU4_str	BOBJ1	28.3167	After	Interior Girder 6	28.3167	0.95	1	1	2.182319
SU4_str	BOBJ1	28.3167	After	Right Exterior Girder	28.3167	0.95	1	1	2.924438
SU4_str	BOBJ1	33.9333	Before	Left Exterior Girder	33.9333	0.95	1	1	3.582987
SU4_str	BOBJ1	33.9333	Before	Interior Girder 1	33.9333	0.95	1	1	2.564216
SU4_str	BOBJ1	33.9333	Before	Interior Girder 2	33.9333	0.95	1	1	2.441758
SU4_str	BOBJ1	33.9333	Before	Interior Girder 3	33.9333	0.95	1	1	2.385758
SU4_str	BOBJ1	33.9333	Before	Interior Girder 4	33.9333	0.95	1	1	2.385758
SU4_str	BOBJ1	33.9333	Before	Interior Girder 5	33.9333	0.95	1	1	2.441758
SU4_str	BOBJ1	33.9333	Before	Interior Girder 6	33.9333	0.95	1	1	2.564216

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelINonCompStrgth-Flx - Approach, Span 12-1									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
SU4_str	BOBJ1	33.9333	Before	Right Exterior Girder	33.9333	0.95	1	1	3.582987
SU4_str	BOBJ1	33.9333	After	Left Exterior Girder	33.9333	0.95	1	1	3.539197
SU4_str	BOBJ1	33.9333	After	Interior Girder 1	33.9333	0.95	1	1	2.587296
SU4_str	BOBJ1	33.9333	After	Interior Girder 2	33.9333	0.95	1	1	2.445347
SU4_str	BOBJ1	33.9333	After	Interior Girder 3	33.9333	0.95	1	1	2.372456
SU4_str	BOBJ1	33.9333	After	Interior Girder 4	33.9333	0.95	1	1	2.372456
SU4_str	BOBJ1	33.9333	After	Interior Girder 5	33.9333	0.95	1	1	2.445347
SU4_str	BOBJ1	33.9333	After	Interior Girder 6	33.9333	0.95	1	1	2.587296
SU4_str	BOBJ1	33.9333	After	Right Exterior Girder	33.9333	0.95	1	1	3.539197
SU4_str	BOBJ1	39.55	Before	Left Exterior Girder	39.55	0.95	1	1	4.973902
SU4_str	BOBJ1	39.55	Before	Interior Girder 1	39.55	0.95	1	1	3.653169
SU4_str	BOBJ1	39.55	Before	Interior Girder 2	39.55	0.95	1	1	3.388086
SU4_str	BOBJ1	39.55	Before	Interior Girder 3	39.55	0.95	1	1	3.31236
SU4_str	BOBJ1	39.55	Before	Interior Girder 4	39.55	0.95	1	1	3.31236
SU4_str	BOBJ1	39.55	Before	Interior Girder 5	39.55	0.95	1	1	3.388086
SU4_str	BOBJ1	39.55	Before	Interior Girder 6	39.55	0.95	1	1	3.653169
SU4_str	BOBJ1	39.55	Before	Right Exterior Girder	39.55	0.95	1	1	4.973902
SU4_str	BOBJ1	39.55	After	Left Exterior Girder	39.55	0.95	1	1	4.954729
SU4_str	BOBJ1	39.55	After	Interior Girder 1	39.55	0.95	1	1	3.665108
SU4_str	BOBJ1	39.55	After	Interior Girder 2	39.55	0.95	1	1	3.372312
SU4_str	BOBJ1	39.55	After	Interior Girder 3	39.55	0.95	1	1	3.262316
SU4_str	BOBJ1	39.55	After	Interior Girder 4	39.55	0.95	1	1	3.262316
SU4_str	BOBJ1	39.55	After	Interior Girder 5	39.55	0.95	1	1	3.372312
SU4_str	BOBJ1	39.55	After	Interior Girder 6	39.55	0.95	1	1	3.665108
SU4_str	BOBJ1	39.55	After	Right Exterior Girder	39.55	0.95	1	1	4.954729
SU4_str	BOBJ1	45.1733	Before	Left Exterior Girder	45.1226	0.95	1	1	5.122154
SU4_str	BOBJ1	45.1733	Before	Interior Girder 1	45.1226	0.95	1	1	5.297979
SU4_str	BOBJ1	45.1733	Before	Interior Girder 2	45.1226	0.95	1	1	5.085566
SU4_str	BOBJ1	45.1733	Before	Interior Girder 3	45.1226	0.95	1	1	5.161058
SU4_str	BOBJ1	45.1733	Before	Interior Girder 4	45.1226	0.95	1	1	5.161058
SU4_str	BOBJ1	45.1733	Before	Interior Girder 5	45.1226	0.95	1	1	5.085566
SU4_str	BOBJ1	45.1733	Before	Interior Girder 6	45.1226	0.95	1	1	5.297979
SU4_str	BOBJ1	45.1733	Before	Right Exterior Girder	45.1226	0.95	1	1	5.122154
SU4_str	BOBJ1	45.1733	After	Left Exterior Girder	45.1226	0.95	1	1	4.095017
SU4_str	BOBJ1	45.1733	After	Interior Girder 1	45.1226	0.95	1	1	4.227611
SU4_str	BOBJ1	45.1733	After	Interior Girder 2	45.1226	0.95	1	1	4.038798
SU4_str	BOBJ1	45.1733	After	Interior Girder 3	45.1226	0.95	1	1	4.118374
SU4_str	BOBJ1	45.1733	After	Interior Girder 4	45.1226	0.95	1	1	4.118374
SU4_str	BOBJ1	45.1733	After	Interior Girder 5	45.1226	0.95	1	1	4.038798
SU4_str	BOBJ1	45.1733	After	Interior Girder 6	45.1226	0.95	1	1	4.227611
SU4_str	BOBJ1	45.1733	After	Right Exterior Girder	45.1226	0.95	1	1	4.095017
SU4_str	BOBJ1	49.2561	Before	Left Exterior Girder	49.2561	0.95	1	1	2.893516
SU4_str	BOBJ1	49.2561	Before	Right Exterior Girder	49.2561	0.95	1	1	2.893516
SU4_str	BOBJ1	49.2561	After	Left Exterior Girder	49.2561	0.95	1	1	2.939645
SU4_str	BOBJ1	49.2561	After	Right Exterior Girder	49.2561	0.95	1	1	2.939645
SU4_str	BOBJ1	50.7967	Before	Left Exterior Girder	50.7967	0.95	1	1	6.156513
SU4_str	BOBJ1	50.7967	Before	Interior Girder 1	50.7967	0.95	1	1	2.977307
SU4_str	BOBJ1	50.7967	Before	Interior Girder 2	50.7967	0.95	1	1	2.848729
SU4_str	BOBJ1	50.7967	Before	Interior Girder 3	50.7967	0.95	1	1	2.708194
SU4_str	BOBJ1	50.7967	Before	Interior Girder 4	50.7967	0.95	1	1	2.708194
SU4_str	BOBJ1	50.7967	Before	Interior Girder 5	50.7967	0.95	1	1	2.848729
SU4_str	BOBJ1	50.7967	Before	Interior Girder 6	50.7967	0.95	1	1	2.977307
SU4_str	BOBJ1	50.7967	Before	Right Exterior Girder	50.7967	0.95	1	1	6.156513
SU4_str	BOBJ1	50.7967	After	Left Exterior Girder	50.7967	0.95	1	1	6.117707
SU4_str	BOBJ1	50.7967	After	Interior Girder 1	50.7967	0.95	1	1	2.970235
SU4_str	BOBJ1	50.7967	After	Interior Girder 2	50.7967	0.95	1	1	2.827817
SU4_str	BOBJ1	50.7967	After	Interior Girder 3	50.7967	0.95	1	1	2.699344
SU4_str	BOBJ1	50.7967	After	Interior Girder 4	50.7967	0.95	1	1	2.699344
SU4_str	BOBJ1	50.7967	After	Interior Girder 5	50.7967	0.95	1	1	2.827817
SU4_str	BOBJ1	50.7967	After	Interior Girder 6	50.7967	0.95	1	1	2.970235
SU4_str	BOBJ1	50.7967	After	Right Exterior Girder	50.7967	0.95	1	1	6.117707
SU4_str	BOBJ1	51.3989	Before	Interior Girder 1	51.3989	0.95	1	1	2.825867
SU4_str	BOBJ1	51.3989	Before	Interior Girder 2	51.3989	0.95	1	1	2.71224
SU4_str	BOBJ1	51.3989	Before	Interior Girder 3	51.3989	0.95	1	1	2.562614
SU4_str	BOBJ1	51.3989	Before	Interior Girder 4	51.3989	0.95	1	1	2.562614

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelINonCompStrgth-Flx - Approach, Span 12-1									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
SU4_str	BOBJ1	51.3989	Before	Interior Girder 5	51.3989	0.95	1	1	2.71224
SU4_str	BOBJ1	51.3989	Before	Interior Girder 6	51.3989	0.95	1	1	2.825867
SU4_str	BOBJ1	51.3989	After	Interior Girder 1	51.3989	0.95	1	1	4.320615
SU4_str	BOBJ1	51.3989	After	Interior Girder 2	51.3989	0.95	1	1	4.095012
SU4_str	BOBJ1	51.3989	After	Interior Girder 3	51.3989	0.95	1	1	3.924206
SU4_str	BOBJ1	51.3989	After	Interior Girder 4	51.3989	0.95	1	1	3.924206
SU4_str	BOBJ1	51.3989	After	Interior Girder 5	51.3989	0.95	1	1	4.095012
SU4_str	BOBJ1	51.3989	After	Interior Girder 6	51.3989	0.95	1	1	4.320615
SU4_str	BOBJ1	56.42	Before	Left Exterior Girder	56.42	0.95	1	1	4.259961
SU4_str	BOBJ1	56.42	Before	Interior Girder 1	56.42	0.95	1	1	3.078509
SU4_str	BOBJ1	56.42	Before	Interior Girder 2	56.42	0.95	1	1	2.857492
SU4_str	BOBJ1	56.42	Before	Interior Girder 3	56.42	0.95	1	1	2.401955
SU4_str	BOBJ1	56.42	Before	Interior Girder 4	56.42	0.95	1	1	2.401955
SU4_str	BOBJ1	56.42	Before	Interior Girder 5	56.42	0.95	1	1	2.857492
SU4_str	BOBJ1	56.42	Before	Interior Girder 6	56.42	0.95	1	1	3.078509
SU4_str	BOBJ1	56.42	Before	Right Exterior Girder	56.42	0.95	1	1	4.259961
SU4_str	BOBJ1	56.42	After	Left Exterior Girder	0	0.95	1	1	4.370246
SU4_str	BOBJ1	56.42	After	Interior Girder 1	0	0.95	1	1	2.813899
SU4_str	BOBJ1	56.42	After	Interior Girder 2	0	0.95	1	1	2.683388
SU4_str	BOBJ1	56.42	After	Interior Girder 3	0	0.95	1	1	2.266331
SU4_str	BOBJ1	56.42	After	Interior Girder 4	0	0.95	1	1	2.266331
SU4_str	BOBJ1	56.42	After	Interior Girder 5	0	0.95	1	1	2.683388
SU4_str	BOBJ1	56.42	After	Interior Girder 6	0	0.95	1	1	2.813899
SU4_str	BOBJ1	56.42	After	Right Exterior Girder	0	0.95	1	1	4.370246
SU4_str	BOBJ1	62.0367	Before	Left Exterior Girder	5.6167	0.95	1	1	7.773329
SU4_str	BOBJ1	62.0367	Before	Interior Girder 1	5.6167	0.95	1	1	5.407825
SU4_str	BOBJ1	62.0367	Before	Interior Girder 2	5.6167	0.95	1	1	5.036481
SU4_str	BOBJ1	62.0367	Before	Interior Girder 3	5.6167	0.95	1	1	4.729376
SU4_str	BOBJ1	62.0367	Before	Interior Girder 4	5.6167	0.95	1	1	4.729376
SU4_str	BOBJ1	62.0367	Before	Interior Girder 5	5.6167	0.95	1	1	5.036481
SU4_str	BOBJ1	62.0367	Before	Interior Girder 6	5.6167	0.95	1	1	5.407825
SU4_str	BOBJ1	62.0367	Before	Right Exterior Girder	5.6167	0.95	1	1	7.773329
SU4_str	BOBJ1	62.0367	After	Left Exterior Girder	5.6167	0.95	1	1	7.689663
SU4_str	BOBJ1	62.0367	After	Interior Girder 1	5.6167	0.95	1	1	5.499113
SU4_str	BOBJ1	62.0367	After	Interior Girder 2	5.6167	0.95	1	1	5.11806
SU4_str	BOBJ1	62.0367	After	Interior Girder 3	5.6167	0.95	1	1	4.809375
SU4_str	BOBJ1	62.0367	After	Interior Girder 4	5.6167	0.95	1	1	4.809375
SU4_str	BOBJ1	62.0367	After	Interior Girder 5	5.6167	0.95	1	1	5.11806
SU4_str	BOBJ1	62.0367	After	Interior Girder 6	5.6167	0.95	1	1	5.499113
SU4_str	BOBJ1	62.0367	After	Right Exterior Girder	5.6167	0.95	1	1	7.689663
SU4_str	BOBJ1	62.4203	Before	Interior Girder 1	6.0003	0.95	1	1	5.623442
SU4_str	BOBJ1	62.4203	Before	Interior Girder 2	6.0003	0.95	1	1	5.222358
SU4_str	BOBJ1	62.4203	Before	Interior Girder 3	6.0003	0.95	1	1	4.935232
SU4_str	BOBJ1	62.4203	Before	Interior Girder 4	6.0003	0.95	1	1	4.935232
SU4_str	BOBJ1	62.4203	Before	Interior Girder 5	6.0003	0.95	1	1	5.222358
SU4_str	BOBJ1	62.4203	Before	Interior Girder 6	6.0003	0.95	1	1	5.623442
SU4_str	BOBJ1	62.4203	After	Interior Girder 1	6.0003	0.95	1	1	3.687692
SU4_str	BOBJ1	62.4203	After	Interior Girder 2	6.0003	0.95	1	1	3.48003
SU4_str	BOBJ1	62.4203	After	Interior Girder 3	6.0003	0.95	1	1	3.237658
SU4_str	BOBJ1	62.4203	After	Interior Girder 4	6.0003	0.95	1	1	3.237658
SU4_str	BOBJ1	62.4203	After	Interior Girder 5	6.0003	0.95	1	1	3.48003
SU4_str	BOBJ1	62.4203	After	Interior Girder 6	6.0003	0.95	1	1	3.687692
SU4_str	BOBJ1	64.9204	Before	Left Exterior Girder	8.5004	0.95	1	1	8.929713
SU4_str	BOBJ1	64.9204	Before	Right Exterior Girder	8.5004	0.95	1	1	8.929713
SU4_str	BOBJ1	64.9204	After	Left Exterior Girder	8.5004	0.95	1	1	4.033906
SU4_str	BOBJ1	64.9204	After	Right Exterior Girder	8.5004	0.95	1	1	4.033906
SU4_str	BOBJ1	67.6533	Before	Left Exterior Girder	11.2333	0.95	1	1	5.026637
SU4_str	BOBJ1	67.6533	Before	Interior Girder 1	11.2333	0.95	1	1	5.098084
SU4_str	BOBJ1	67.6533	Before	Interior Girder 2	11.2333	0.95	1	1	4.805221
SU4_str	BOBJ1	67.6533	Before	Interior Girder 3	11.2333	0.95	1	1	4.711654
SU4_str	BOBJ1	67.6533	Before	Interior Girder 4	11.2333	0.95	1	1	4.711654
SU4_str	BOBJ1	67.6533	Before	Interior Girder 5	11.2333	0.95	1	1	4.805221
SU4_str	BOBJ1	67.6533	Before	Interior Girder 6	11.2333	0.95	1	1	5.098084
SU4_str	BOBJ1	67.6533	Before	Right Exterior Girder	11.2333	0.95	1	1	5.026637
SU4_str	BOBJ1	67.6533	After	Left Exterior Girder	11.2333	0.95	1	1	4.97459

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelINonCompStrgth-Flx - Approach, Span 12-1									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
SU4_str	BOBJ1	67.6533	After	Interior Girder 1	11.2333	0.95	1	1	5.145419
SU4_str	BOBJ1	67.6533	After	Interior Girder 2	11.2333	0.95	1	1	4.874357
SU4_str	BOBJ1	67.6533	After	Interior Girder 3	11.2333	0.95	1	1	4.853351
SU4_str	BOBJ1	67.6533	After	Interior Girder 4	11.2333	0.95	1	1	4.853351
SU4_str	BOBJ1	67.6533	After	Interior Girder 5	11.2333	0.95	1	1	4.874357
SU4_str	BOBJ1	67.6533	After	Interior Girder 6	11.2333	0.95	1	1	5.145419
SU4_str	BOBJ1	67.6533	After	Right Exterior Girder	11.2333	0.95	1	1	4.97459
SU4_str	BOBJ1	73.27	Before	Left Exterior Girder	16.85	0.95	1	1	4.776531
SU4_str	BOBJ1	73.27	Before	Interior Girder 1	16.85	0.95	1	1	3.510629
SU4_str	BOBJ1	73.27	Before	Interior Girder 2	16.85	0.95	1	1	3.195563
SU4_str	BOBJ1	73.27	Before	Interior Girder 3	16.85	0.95	1	1	3.076219
SU4_str	BOBJ1	73.27	Before	Interior Girder 4	16.85	0.95	1	1	3.076219
SU4_str	BOBJ1	73.27	Before	Interior Girder 5	16.85	0.95	1	1	3.195563
SU4_str	BOBJ1	73.27	Before	Interior Girder 6	16.85	0.95	1	1	3.510629
SU4_str	BOBJ1	73.27	Before	Right Exterior Girder	16.85	0.95	1	1	4.776531
SU4_str	BOBJ1	73.27	After	Left Exterior Girder	16.85	0.95	1	1	4.848501
SU4_str	BOBJ1	73.27	After	Interior Girder 1	16.85	0.95	1	1	3.473478
SU4_str	BOBJ1	73.27	After	Interior Girder 2	16.85	0.95	1	1	3.198348
SU4_str	BOBJ1	73.27	After	Interior Girder 3	16.85	0.95	1	1	3.109522
SU4_str	BOBJ1	73.27	After	Interior Girder 4	16.85	0.95	1	1	3.109522
SU4_str	BOBJ1	73.27	After	Interior Girder 5	16.85	0.95	1	1	3.198348
SU4_str	BOBJ1	73.27	After	Interior Girder 6	16.85	0.95	1	1	3.473478
SU4_str	BOBJ1	73.27	After	Right Exterior Girder	16.85	0.95	1	1	4.848501
SU4_str	BOBJ1	78.8867	Before	Left Exterior Girder	22.4667	0.95	1	1	3.282042
SU4_str	BOBJ1	78.8867	Before	Interior Girder 1	22.4667	0.95	1	1	2.412204
SU4_str	BOBJ1	78.8867	Before	Interior Girder 2	22.4667	0.95	1	1	2.269963
SU4_str	BOBJ1	78.8867	Before	Interior Girder 3	22.4667	0.95	1	1	2.188712
SU4_str	BOBJ1	78.8867	Before	Interior Girder 4	22.4667	0.95	1	1	2.188712
SU4_str	BOBJ1	78.8867	Before	Interior Girder 5	22.4667	0.95	1	1	2.269963
SU4_str	BOBJ1	78.8867	Before	Interior Girder 6	22.4667	0.95	1	1	2.412204
SU4_str	BOBJ1	78.8867	Before	Right Exterior Girder	22.4667	0.95	1	1	3.282042
SU4_str	BOBJ1	78.8867	After	Left Exterior Girder	22.4667	0.95	1	1	3.333391
SU4_str	BOBJ1	78.8867	After	Interior Girder 1	22.4667	0.95	1	1	2.386213
SU4_str	BOBJ1	78.8867	After	Interior Girder 2	22.4667	0.95	1	1	2.262544
SU4_str	BOBJ1	78.8867	After	Interior Girder 3	22.4667	0.95	1	1	2.202224
SU4_str	BOBJ1	78.8867	After	Interior Girder 4	22.4667	0.95	1	1	2.202224
SU4_str	BOBJ1	78.8867	After	Interior Girder 5	22.4667	0.95	1	1	2.262544
SU4_str	BOBJ1	78.8867	After	Interior Girder 6	22.4667	0.95	1	1	2.386213
SU4_str	BOBJ1	78.8867	After	Right Exterior Girder	22.4667	0.95	1	1	3.333391
SU4_str	BOBJ1	84.5033	Before	Left Exterior Girder	28.0833	0.95	1	1	2.600751
SU4_str	BOBJ1	84.5033	Before	Interior Girder 1	28.0833	0.95	1	1	2.005128
SU4_str	BOBJ1	84.5033	Before	Interior Girder 2	28.0833	0.95	1	1	1.91467
SU4_str	BOBJ1	84.5033	Before	Interior Girder 3	28.0833	0.95	1	1	1.860625
SU4_str	BOBJ1	84.5033	Before	Interior Girder 4	28.0833	0.95	1	1	1.860625
SU4_str	BOBJ1	84.5033	Before	Interior Girder 5	28.0833	0.95	1	1	1.91467
SU4_str	BOBJ1	84.5033	Before	Interior Girder 6	28.0833	0.95	1	1	2.005128
SU4_str	BOBJ1	84.5033	Before	Right Exterior Girder	28.0833	0.95	1	1	2.600751
SU4_str	BOBJ1	84.5033	After	Left Exterior Girder	28.0833	0.95	1	1	2.599781
SU4_str	BOBJ1	84.5033	After	Interior Girder 1	28.0833	0.95	1	1	2.007828
SU4_str	BOBJ1	84.5033	After	Interior Girder 2	28.0833	0.95	1	1	1.924234
SU4_str	BOBJ1	84.5033	After	Interior Girder 3	28.0833	0.95	1	1	1.873197
SU4_str	BOBJ1	84.5033	After	Interior Girder 4	28.0833	0.95	1	1	1.873197
SU4_str	BOBJ1	84.5033	After	Interior Girder 5	28.0833	0.95	1	1	1.924234
SU4_str	BOBJ1	84.5033	After	Interior Girder 6	28.0833	0.95	1	1	2.007828
SU4_str	BOBJ1	84.5033	After	Right Exterior Girder	28.0833	0.95	1	1	2.599781
SU4_str	BOBJ1	90.12	Before	Left Exterior Girder	33.7	0.95	1	1	2.319209
SU4_str	BOBJ1	90.12	Before	Interior Girder 1	33.7	0.95	1	1	1.977907
SU4_str	BOBJ1	90.12	Before	Interior Girder 2	33.7	0.95	1	1	1.892247
SU4_str	BOBJ1	90.12	Before	Interior Girder 3	33.7	0.95	1	1	1.855618
SU4_str	BOBJ1	90.12	Before	Interior Girder 4	33.7	0.95	1	1	1.855618
SU4_str	BOBJ1	90.12	Before	Interior Girder 5	33.7	0.95	1	1	1.892247
SU4_str	BOBJ1	90.12	Before	Interior Girder 6	33.7	0.95	1	1	1.977907
SU4_str	BOBJ1	90.12	Before	Right Exterior Girder	33.7	0.95	1	1	2.319209
SU4_str	BOBJ1	90.12	After	Left Exterior Girder	33.7	0.95	1	1	2.326553
SU4_str	BOBJ1	90.12	After	Interior Girder 1	33.7	0.95	1	1	1.973194

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelINonCompStrgth-Flx - Approach, Span 12-1									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
SU4_str	BOBJ1	90.12	After	Interior Girder 2	33.7	0.95	1	1	1.888642
SU4_str	BOBJ1	90.12	After	Interior Girder 3	33.7	0.95	1	1	1.851607
SU4_str	BOBJ1	90.12	After	Interior Girder 4	33.7	0.95	1	1	1.851607
SU4_str	BOBJ1	90.12	After	Interior Girder 5	33.7	0.95	1	1	1.888642
SU4_str	BOBJ1	90.12	After	Interior Girder 6	33.7	0.95	1	1	1.973194
SU4_str	BOBJ1	90.12	After	Right Exterior Girder	33.7	0.95	1	1	2.326553
SU4_str	BOBJ1	95.7367	Before	Left Exterior Girder	39.3167	0.95	1	1	2.578373
SU4_str	BOBJ1	95.7367	Before	Interior Girder 1	39.3167	0.95	1	1	1.995405
SU4_str	BOBJ1	95.7367	Before	Interior Girder 2	39.3167	0.95	1	1	1.912856
SU4_str	BOBJ1	95.7367	Before	Interior Girder 3	39.3167	0.95	1	1	1.864168
SU4_str	BOBJ1	95.7367	Before	Interior Girder 4	39.3167	0.95	1	1	1.864168
SU4_str	BOBJ1	95.7367	Before	Interior Girder 5	39.3167	0.95	1	1	1.912856
SU4_str	BOBJ1	95.7367	Before	Interior Girder 6	39.3167	0.95	1	1	1.995405
SU4_str	BOBJ1	95.7367	Before	Right Exterior Girder	39.3167	0.95	1	1	2.578373
SU4_str	BOBJ1	95.7367	After	Left Exterior Girder	39.3167	0.95	1	1	2.580523
SU4_str	BOBJ1	95.7367	After	Interior Girder 1	39.3167	0.95	1	1	1.991953
SU4_str	BOBJ1	95.7367	After	Interior Girder 2	39.3167	0.95	1	1	1.903584
SU4_str	BOBJ1	95.7367	After	Interior Girder 3	39.3167	0.95	1	1	1.852008
SU4_str	BOBJ1	95.7367	After	Interior Girder 4	39.3167	0.95	1	1	1.852008
SU4_str	BOBJ1	95.7367	After	Interior Girder 5	39.3167	0.95	1	1	1.903584
SU4_str	BOBJ1	95.7367	After	Interior Girder 6	39.3167	0.95	1	1	1.991953
SU4_str	BOBJ1	95.7367	After	Right Exterior Girder	39.3167	0.95	1	1	2.580523
SU4_str	BOBJ1	101.3533	Before	Left Exterior Girder	44.9333	0.95	1	1	3.258832
SU4_str	BOBJ1	101.3533	Before	Interior Girder 1	44.9333	0.95	1	1	2.360641
SU4_str	BOBJ1	101.3533	Before	Interior Girder 2	44.9333	0.95	1	1	2.238539
SU4_str	BOBJ1	101.3533	Before	Interior Girder 3	44.9333	0.95	1	1	2.185355
SU4_str	BOBJ1	101.3533	Before	Interior Girder 4	44.9333	0.95	1	1	2.185355
SU4_str	BOBJ1	101.3533	Before	Interior Girder 5	44.9333	0.95	1	1	2.238539
SU4_str	BOBJ1	101.3533	Before	Interior Girder 6	44.9333	0.95	1	1	2.360641
SU4_str	BOBJ1	101.3533	Before	Right Exterior Girder	44.9333	0.95	1	1	3.258832
SU4_str	BOBJ1	101.3533	After	Left Exterior Girder	44.9333	0.95	1	1	3.209138
SU4_str	BOBJ1	101.3533	After	Interior Girder 1	44.9333	0.95	1	1	2.385386
SU4_str	BOBJ1	101.3533	After	Interior Girder 2	44.9333	0.95	1	1	2.246734
SU4_str	BOBJ1	101.3533	After	Interior Girder 3	44.9333	0.95	1	1	2.172936
SU4_str	BOBJ1	101.3533	After	Interior Girder 4	44.9333	0.95	1	1	2.172936
SU4_str	BOBJ1	101.3533	After	Interior Girder 5	44.9333	0.95	1	1	2.246734
SU4_str	BOBJ1	101.3533	After	Interior Girder 6	44.9333	0.95	1	1	2.385386
SU4_str	BOBJ1	101.3533	After	Right Exterior Girder	44.9333	0.95	1	1	3.209138
SU4_str	BOBJ1	106.97	Before	Left Exterior Girder	50.55	0.95	1	1	4.646902
SU4_str	BOBJ1	106.97	Before	Interior Girder 1	50.55	0.95	1	1	3.412375
SU4_str	BOBJ1	106.97	Before	Interior Girder 2	50.55	0.95	1	1	3.142329
SU4_str	BOBJ1	106.97	Before	Interior Girder 3	50.55	0.95	1	1	3.068694
SU4_str	BOBJ1	106.97	Before	Interior Girder 4	50.55	0.95	1	1	3.068694
SU4_str	BOBJ1	106.97	Before	Interior Girder 5	50.55	0.95	1	1	3.142329
SU4_str	BOBJ1	106.97	Before	Interior Girder 6	50.55	0.95	1	1	3.412375
SU4_str	BOBJ1	106.97	Before	Right Exterior Girder	50.55	0.95	1	1	4.646902
SU4_str	BOBJ1	106.97	After	Left Exterior Girder	50.55	0.95	1	1	4.615923
SU4_str	BOBJ1	106.97	After	Interior Girder 1	50.55	0.95	1	1	3.424852
SU4_str	BOBJ1	106.97	After	Interior Girder 2	50.55	0.95	1	1	3.128008
SU4_str	BOBJ1	106.97	After	Interior Girder 3	50.55	0.95	1	1	3.023822
SU4_str	BOBJ1	106.97	After	Interior Girder 4	50.55	0.95	1	1	3.023822
SU4_str	BOBJ1	106.97	After	Interior Girder 5	50.55	0.95	1	1	3.128008
SU4_str	BOBJ1	106.97	After	Interior Girder 6	50.55	0.95	1	1	3.424852
SU4_str	BOBJ1	106.97	After	Right Exterior Girder	50.55	0.95	1	1	4.615923
SU4_str	BOBJ1	112.5933	Before	Left Exterior Girder	56.1733	0.95	1	1	4.157921
SU4_str	BOBJ1	112.5933	Before	Interior Girder 1	56.1733	0.95	1	1	4.378482
SU4_str	BOBJ1	112.5933	Before	Interior Girder 2	56.1733	0.95	1	1	4.178891
SU4_str	BOBJ1	112.5933	Before	Interior Girder 3	56.1733	0.95	1	1	4.221939
SU4_str	BOBJ1	112.5933	Before	Interior Girder 4	56.1733	0.95	1	1	4.221939
SU4_str	BOBJ1	112.5933	Before	Interior Girder 5	56.1733	0.95	1	1	4.178891
SU4_str	BOBJ1	112.5933	Before	Interior Girder 6	56.1733	0.95	1	1	4.378482
SU4_str	BOBJ1	112.5933	Before	Right Exterior Girder	56.1733	0.95	1	1	4.157921
SU4_str	BOBJ1	112.5933	After	Left Exterior Girder	56.1733	0.95	1	1	4.195274
SU4_str	BOBJ1	112.5933	After	Interior Girder 1	56.1733	0.95	1	1	4.347517
SU4_str	BOBJ1	112.5933	After	Interior Girder 2	56.1733	0.95	1	1	4.134289

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelINonCompStrgth-Flx - Approach, Span 12-1									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
SU4_str	BOBJ1	112.5933	After	Interior Girder 3	56.1733	0.95	1	1	4.193334
SU4_str	BOBJ1	112.5933	After	Interior Girder 4	56.1733	0.95	1	1	4.193334
SU4_str	BOBJ1	112.5933	After	Interior Girder 5	56.1733	0.95	1	1	4.134289
SU4_str	BOBJ1	112.5933	After	Interior Girder 6	56.1733	0.95	1	1	4.347517
SU4_str	BOBJ1	112.5933	After	Right Exterior Girder	56.1733	0.95	1	1	4.195274
SU4_str	BOBJ1	115.3396	Before	Left Exterior Girder	58.9196	0.95	1	1	3.348527
SU4_str	BOBJ1	115.3396	Before	Right Exterior Girder	58.9196	0.95	1	1	3.348527
SU4_str	BOBJ1	115.3396	After	Left Exterior Girder	58.9196	0.95	1	1	7.468744
SU4_str	BOBJ1	115.3396	After	Right Exterior Girder	58.9196	0.95	1	1	7.468744
SU4_str	BOBJ1	118.2167	Before	Left Exterior Girder	61.7967	0.95	1	1	6.431877
SU4_str	BOBJ1	118.2167	Before	Interior Girder 1	61.9198	0.95	1	1	3.018662
SU4_str	BOBJ1	118.2167	Before	Interior Girder 2	61.9198	0.95	1	1	2.902771
SU4_str	BOBJ1	118.2167	Before	Interior Girder 3	61.9198	0.95	1	1	2.73601
SU4_str	BOBJ1	118.2167	Before	Interior Girder 4	61.9198	0.95	1	1	2.73601
SU4_str	BOBJ1	118.2167	Before	Interior Girder 5	61.9198	0.95	1	1	2.902771
SU4_str	BOBJ1	118.2167	Before	Interior Girder 6	61.9198	0.95	1	1	3.018662
SU4_str	BOBJ1	118.2167	Before	Right Exterior Girder	61.7967	0.95	1	1	6.431877
SU4_str	BOBJ1	118.2167	After	Left Exterior Girder	61.7967	0.95	1	1	6.435666
SU4_str	BOBJ1	118.2167	After	Interior Girder 1	61.9198	0.95	1	1	4.649177
SU4_str	BOBJ1	118.2167	After	Interior Girder 2	61.9198	0.95	1	1	4.353521
SU4_str	BOBJ1	118.2167	After	Interior Girder 3	61.9198	0.95	1	1	4.167543
SU4_str	BOBJ1	118.2167	After	Interior Girder 4	61.9198	0.95	1	1	4.167543
SU4_str	BOBJ1	118.2167	After	Interior Girder 5	61.9198	0.95	1	1	4.353521
SU4_str	BOBJ1	118.2167	After	Interior Girder 6	61.9198	0.95	1	1	4.649177
SU4_str	BOBJ1	118.2167	After	Right Exterior Girder	61.7967	0.95	1	1	6.435666
SU4_str	BOBJ1	123.84	Before	Left Exterior Girder	67.42	0.95	1	1	4.40771
SU4_str	BOBJ1	123.84	Before	Interior Girder 1	67.42	0.95	1	1	2.948609
SU4_str	BOBJ1	123.84	Before	Interior Girder 2	67.42	0.95	1	1	2.735716
SU4_str	BOBJ1	123.84	Before	Interior Girder 3	67.42	0.95	1	1	2.27122
SU4_str	BOBJ1	123.84	Before	Interior Girder 4	67.42	0.95	1	1	2.27122
SU4_str	BOBJ1	123.84	Before	Interior Girder 5	67.42	0.95	1	1	2.735716
SU4_str	BOBJ1	123.84	Before	Interior Girder 6	67.42	0.95	1	1	2.948609
SU4_str	BOBJ1	123.84	Before	Right Exterior Girder	67.42	0.95	1	1	4.40771
SU4_str	BOBJ1	123.84	After	Left Exterior Girder	0	0.95	1	1	4.70912
SU4_str	BOBJ1	123.84	After	Interior Girder 1	0	0.95	1	1	3.136721
SU4_str	BOBJ1	123.84	After	Interior Girder 2	0	0.95	1	1	2.927249
SU4_str	BOBJ1	123.84	After	Interior Girder 3	0	0.95	1	1	2.439064
SU4_str	BOBJ1	123.84	After	Interior Girder 4	0	0.95	1	1	2.439064
SU4_str	BOBJ1	123.84	After	Interior Girder 5	0	0.95	1	1	2.927249
SU4_str	BOBJ1	123.84	After	Interior Girder 6	0	0.95	1	1	3.136721
SU4_str	BOBJ1	123.84	After	Right Exterior Girder	0	0.95	1	1	4.70912
SU4_str	BOBJ1	129.34	Before	Interior Girder 1	5.5	0.95	1	1	4.992364
SU4_str	BOBJ1	129.34	Before	Interior Girder 2	5.5	0.95	1	1	4.691568
SU4_str	BOBJ1	129.34	Before	Interior Girder 3	5.5	0.95	1	1	4.490365
SU4_str	BOBJ1	129.34	Before	Interior Girder 4	5.5	0.95	1	1	4.490365
SU4_str	BOBJ1	129.34	Before	Interior Girder 5	5.5	0.95	1	1	4.691568
SU4_str	BOBJ1	129.34	Before	Interior Girder 6	5.5	0.95	1	1	4.992364
SU4_str	BOBJ1	129.34	After	Interior Girder 1	5.5	0.95	1	1	3.297918
SU4_str	BOBJ1	129.34	After	Interior Girder 2	5.5	0.95	1	1	3.1317
SU4_str	BOBJ1	129.34	After	Interior Girder 3	5.5	0.95	1	1	2.96017
SU4_str	BOBJ1	129.34	After	Interior Girder 4	5.5	0.95	1	1	2.96017
SU4_str	BOBJ1	129.34	After	Interior Girder 5	5.5	0.95	1	1	3.1317
SU4_str	BOBJ1	129.34	After	Interior Girder 6	5.5	0.95	1	1	3.297918
SU4_str	BOBJ1	130.79	Before	Left Exterior Girder	6.95	0.95	1	1	7.371122
SU4_str	BOBJ1	130.79	Before	Interior Girder 1	6.95	0.95	1	1	3.665759
SU4_str	BOBJ1	130.79	Before	Interior Girder 2	6.95	0.95	1	1	3.439224
SU4_str	BOBJ1	130.79	Before	Interior Girder 3	6.95	0.95	1	1	3.3341
SU4_str	BOBJ1	130.79	Before	Interior Girder 4	6.95	0.95	1	1	3.3341
SU4_str	BOBJ1	130.79	Before	Interior Girder 5	6.95	0.95	1	1	3.439224
SU4_str	BOBJ1	130.79	Before	Interior Girder 6	6.95	0.95	1	1	3.665759
SU4_str	BOBJ1	130.79	Before	Right Exterior Girder	6.95	0.95	1	1	7.371122
SU4_str	BOBJ1	130.79	After	Left Exterior Girder	6.95	0.95	1	1	7.429971
SU4_str	BOBJ1	130.79	After	Interior Girder 1	6.95	0.95	1	1	3.648446
SU4_str	BOBJ1	130.79	After	Interior Girder 2	6.95	0.95	1	1	3.470649
SU4_str	BOBJ1	130.79	After	Interior Girder 3	6.95	0.95	1	1	3.354859

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelINonCompStrgth-Flx - Approach, Span 12-1									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
SU4_str	BOBJ1	130.79	After	Interior Girder 4	6.95	0.95	1	1	3.354859
SU4_str	BOBJ1	130.79	After	Interior Girder 5	6.95	0.95	1	1	3.470649
SU4_str	BOBJ1	130.79	After	Interior Girder 6	6.95	0.95	1	1	3.648446
SU4_str	BOBJ1	130.79	After	Right Exterior Girder	6.95	0.95	1	1	7.429971
SU4_str	BOBJ1	132.34	Before	Left Exterior Girder	8.5	0.95	1	1	8.072453
SU4_str	BOBJ1	132.34	Before	Right Exterior Girder	8.5	0.95	1	1	8.072453
SU4_str	BOBJ1	132.34	After	Left Exterior Girder	8.5	0.95	1	1	3.609807
SU4_str	BOBJ1	132.34	After	Right Exterior Girder	8.5	0.95	1	1	3.609807
SU4_str	BOBJ1	137.74	Before	Left Exterior Girder	13.9	0.95	1	1	5.327184
SU4_str	BOBJ1	137.74	Before	Interior Girder 1	13.9	0.95	1	1	4.346979
SU4_str	BOBJ1	137.74	Before	Interior Girder 2	13.9	0.95	1	1	3.945836
SU4_str	BOBJ1	137.74	Before	Interior Girder 3	13.9	0.95	1	1	3.776905
SU4_str	BOBJ1	137.74	Before	Interior Girder 4	13.9	0.95	1	1	3.776905
SU4_str	BOBJ1	137.74	Before	Interior Girder 5	13.9	0.95	1	1	3.945836
SU4_str	BOBJ1	137.74	Before	Interior Girder 6	13.9	0.95	1	1	4.346979
SU4_str	BOBJ1	137.74	Before	Right Exterior Girder	13.9	0.95	1	1	5.327184
SU4_str	BOBJ1	137.74	After	Left Exterior Girder	13.9	0.95	1	1	5.815091
SU4_str	BOBJ1	137.74	After	Interior Girder 1	13.9	0.95	1	1	4.320886
SU4_str	BOBJ1	137.74	After	Interior Girder 2	13.9	0.95	1	1	3.954438
SU4_str	BOBJ1	137.74	After	Interior Girder 3	13.9	0.95	1	1	3.846624
SU4_str	BOBJ1	137.74	After	Interior Girder 4	13.9	0.95	1	1	3.846624
SU4_str	BOBJ1	137.74	After	Interior Girder 5	13.9	0.95	1	1	3.954438
SU4_str	BOBJ1	137.74	After	Interior Girder 6	13.9	0.95	1	1	4.320886
SU4_str	BOBJ1	137.74	After	Right Exterior Girder	13.9	0.95	1	1	5.815091
SU4_str	BOBJ1	143.7733	Before	Left Exterior Girder	19.9333	0.95	1	1	3.814601
SU4_str	BOBJ1	143.7733	Before	Interior Girder 1	19.9333	0.95	1	1	2.653792
SU4_str	BOBJ1	143.7733	Before	Interior Girder 2	19.9333	0.95	1	1	2.487822
SU4_str	BOBJ1	143.7733	Before	Interior Girder 3	19.9333	0.95	1	1	2.3905
SU4_str	BOBJ1	143.7733	Before	Interior Girder 4	19.9333	0.95	1	1	2.3905
SU4_str	BOBJ1	143.7733	Before	Interior Girder 5	19.9333	0.95	1	1	2.487822
SU4_str	BOBJ1	143.7733	Before	Interior Girder 6	19.9333	0.95	1	1	2.653792
SU4_str	BOBJ1	143.7733	Before	Right Exterior Girder	19.9333	0.95	1	1	3.814601
SU4_str	BOBJ1	143.7733	After	Left Exterior Girder	19.9333	0.95	1	1	3.878572
SU4_str	BOBJ1	143.7733	After	Interior Girder 1	19.9333	0.95	1	1	2.620938
SU4_str	BOBJ1	143.7733	After	Interior Girder 2	19.9333	0.95	1	1	2.484494
SU4_str	BOBJ1	143.7733	After	Interior Girder 3	19.9333	0.95	1	1	2.420957
SU4_str	BOBJ1	143.7733	After	Interior Girder 4	19.9333	0.95	1	1	2.420957
SU4_str	BOBJ1	143.7733	After	Interior Girder 5	19.9333	0.95	1	1	2.484494
SU4_str	BOBJ1	143.7733	After	Interior Girder 6	19.9333	0.95	1	1	2.620938
SU4_str	BOBJ1	143.7733	After	Right Exterior Girder	19.9333	0.95	1	1	3.878572
SU4_str	BOBJ1	149.8067	Before	Left Exterior Girder	25.9667	0.95	1	1	2.746083
SU4_str	BOBJ1	149.8067	Before	Interior Girder 1	25.9667	0.95	1	1	2.06299
SU4_str	BOBJ1	149.8067	Before	Interior Girder 2	25.9667	0.95	1	1	1.964233
SU4_str	BOBJ1	149.8067	Before	Interior Girder 3	25.9667	0.95	1	1	1.908209
SU4_str	BOBJ1	149.8067	Before	Interior Girder 4	25.9667	0.95	1	1	1.908209
SU4_str	BOBJ1	149.8067	Before	Interior Girder 5	25.9667	0.95	1	1	1.964233
SU4_str	BOBJ1	149.8067	Before	Interior Girder 6	25.9667	0.95	1	1	2.06299
SU4_str	BOBJ1	149.8067	Before	Right Exterior Girder	25.9667	0.95	1	1	2.746083
SU4_str	BOBJ1	149.8067	After	Left Exterior Girder	25.9667	0.95	1	1	2.749714
SU4_str	BOBJ1	149.8067	After	Interior Girder 1	25.9667	0.95	1	1	2.062234
SU4_str	BOBJ1	149.8067	After	Interior Girder 2	25.9667	0.95	1	1	1.975923
SU4_str	BOBJ1	149.8067	After	Interior Girder 3	25.9667	0.95	1	1	1.926754
SU4_str	BOBJ1	149.8067	After	Interior Girder 4	25.9667	0.95	1	1	1.926754
SU4_str	BOBJ1	149.8067	After	Interior Girder 5	25.9667	0.95	1	1	1.975923
SU4_str	BOBJ1	149.8067	After	Interior Girder 6	25.9667	0.95	1	1	2.062234
SU4_str	BOBJ1	149.8067	After	Right Exterior Girder	25.9667	0.95	1	1	2.749714
SU4_str	BOBJ1	155.84	Before	Left Exterior Girder	32	0.95	1	1	2.292307
SU4_str	BOBJ1	155.84	Before	Interior Girder 1	32	0.95	1	1	1.953584
SU4_str	BOBJ1	155.84	Before	Interior Girder 2	32	0.95	1	1	1.866256
SU4_str	BOBJ1	155.84	Before	Interior Girder 3	32	0.95	1	1	1.832037
SU4_str	BOBJ1	155.84	Before	Interior Girder 4	32	0.95	1	1	1.832037
SU4_str	BOBJ1	155.84	Before	Interior Girder 5	32	0.95	1	1	1.866256
SU4_str	BOBJ1	155.84	Before	Interior Girder 6	32	0.95	1	1	1.953584
SU4_str	BOBJ1	155.84	Before	Right Exterior Girder	32	0.95	1	1	2.292307
SU4_str	BOBJ1	155.84	After	Left Exterior Girder	32	0.95	1	1	2.303831

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelINonCompStrgth-Flx - Approach, Span 12-1									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
SU4_str	BOBJ1	155.84	After	Interior Girder 1	32	0.95	1	1	1.946253
SU4_str	BOBJ1	155.84	After	Interior Girder 2	32	0.95	1	1	1.863307
SU4_str	BOBJ1	155.84	After	Interior Girder 3	32	0.95	1	1	1.82962
SU4_str	BOBJ1	155.84	After	Interior Girder 4	32	0.95	1	1	1.82962
SU4_str	BOBJ1	155.84	After	Interior Girder 5	32	0.95	1	1	1.863307
SU4_str	BOBJ1	155.84	After	Interior Girder 6	32	0.95	1	1	1.946253
SU4_str	BOBJ1	155.84	After	Right Exterior Girder	32	0.95	1	1	2.303831
SU4_str	BOBJ1	161.8733	Before	Left Exterior Girder	38.0333	0.95	1	1	2.483169
SU4_str	BOBJ1	161.8733	Before	Interior Girder 1	38.0333	0.95	1	1	1.913887
SU4_str	BOBJ1	161.8733	Before	Interior Girder 2	38.0333	0.95	1	1	1.834012
SU4_str	BOBJ1	161.8733	Before	Interior Girder 3	38.0333	0.95	1	1	1.78786
SU4_str	BOBJ1	161.8733	Before	Interior Girder 4	38.0333	0.95	1	1	1.78786
SU4_str	BOBJ1	161.8733	Before	Interior Girder 5	38.0333	0.95	1	1	1.834012
SU4_str	BOBJ1	161.8733	Before	Interior Girder 6	38.0333	0.95	1	1	1.913887
SU4_str	BOBJ1	161.8733	Before	Right Exterior Girder	38.0333	0.95	1	1	2.483169
SU4_str	BOBJ1	161.8733	After	Left Exterior Girder	38.0333	0.95	1	1	2.48995
SU4_str	BOBJ1	161.8733	After	Interior Girder 1	38.0333	0.95	1	1	1.907836
SU4_str	BOBJ1	161.8733	After	Interior Girder 2	38.0333	0.95	1	1	1.824275
SU4_str	BOBJ1	161.8733	After	Interior Girder 3	38.0333	0.95	1	1	1.774694
SU4_str	BOBJ1	161.8733	After	Interior Girder 4	38.0333	0.95	1	1	1.774694
SU4_str	BOBJ1	161.8733	After	Interior Girder 5	38.0333	0.95	1	1	1.824275
SU4_str	BOBJ1	161.8733	After	Interior Girder 6	38.0333	0.95	1	1	1.907836
SU4_str	BOBJ1	161.8733	After	Right Exterior Girder	38.0333	0.95	1	1	2.48995
SU4_str	BOBJ1	167.9067	Before	Left Exterior Girder	44.0667	0.95	1	1	3.103369
SU4_str	BOBJ1	167.9067	Before	Interior Girder 1	44.0667	0.95	1	1	2.235045
SU4_str	BOBJ1	167.9067	Before	Interior Girder 2	44.0667	0.95	1	1	2.11766
SU4_str	BOBJ1	167.9067	Before	Interior Girder 3	44.0667	0.95	1	1	2.064994
SU4_str	BOBJ1	167.9067	Before	Interior Girder 4	44.0667	0.95	1	1	2.064994
SU4_str	BOBJ1	167.9067	Before	Interior Girder 5	44.0667	0.95	1	1	2.11766
SU4_str	BOBJ1	167.9067	Before	Interior Girder 6	44.0667	0.95	1	1	2.235045
SU4_str	BOBJ1	167.9067	Before	Right Exterior Girder	44.0667	0.95	1	1	3.103369
SU4_str	BOBJ1	167.9067	After	Left Exterior Girder	44.0667	0.95	1	1	3.050316
SU4_str	BOBJ1	167.9067	After	Interior Girder 1	44.0667	0.95	1	1	2.258759
SU4_str	BOBJ1	167.9067	After	Interior Girder 2	44.0667	0.95	1	1	2.126222
SU4_str	BOBJ1	167.9067	After	Interior Girder 3	44.0667	0.95	1	1	2.053175
SU4_str	BOBJ1	167.9067	After	Interior Girder 4	44.0667	0.95	1	1	2.053175
SU4_str	BOBJ1	167.9067	After	Interior Girder 5	44.0667	0.95	1	1	2.126222
SU4_str	BOBJ1	167.9067	After	Interior Girder 6	44.0667	0.95	1	1	2.258759
SU4_str	BOBJ1	167.9067	After	Right Exterior Girder	44.0667	0.95	1	1	3.050316
SU4_str	BOBJ1	173.94	Before	Left Exterior Girder	50.1	0.95	1	1	4.432902
SU4_str	BOBJ1	173.94	Before	Interior Girder 1	50.1	0.95	1	1	3.25732
SU4_str	BOBJ1	173.94	Before	Interior Girder 2	50.1	0.95	1	1	2.987185
SU4_str	BOBJ1	173.94	Before	Interior Girder 3	50.1	0.95	1	1	2.910306
SU4_str	BOBJ1	173.94	Before	Interior Girder 4	50.1	0.95	1	1	2.910306
SU4_str	BOBJ1	173.94	Before	Interior Girder 5	50.1	0.95	1	1	2.987185
SU4_str	BOBJ1	173.94	Before	Interior Girder 6	50.1	0.95	1	1	3.25732
SU4_str	BOBJ1	173.94	Before	Right Exterior Girder	50.1	0.95	1	1	4.432902
SU4_str	BOBJ1	173.94	After	Left Exterior Girder	50.1	0.95	1	1	4.396599
SU4_str	BOBJ1	173.94	After	Interior Girder 1	50.1	0.95	1	1	3.270194
SU4_str	BOBJ1	173.94	After	Interior Girder 2	50.1	0.95	1	1	2.97402
SU4_str	BOBJ1	173.94	After	Interior Girder 3	50.1	0.95	1	1	2.868243
SU4_str	BOBJ1	173.94	After	Interior Girder 4	50.1	0.95	1	1	2.868243
SU4_str	BOBJ1	173.94	After	Interior Girder 5	50.1	0.95	1	1	2.97402
SU4_str	BOBJ1	173.94	After	Interior Girder 6	50.1	0.95	1	1	3.270194
SU4_str	BOBJ1	173.94	After	Right Exterior Girder	50.1	0.95	1	1	4.396599
SU4_str	BOBJ1	179.98	Before	Left Exterior Girder	56.14	0.95	1	1	5.422633
SU4_str	BOBJ1	179.98	Before	Interior Girder 1	56.14	0.95	1	1	5.266833
SU4_str	BOBJ1	179.98	Before	Interior Girder 2	56.14	0.95	1	1	4.762269
SU4_str	BOBJ1	179.98	Before	Interior Girder 3	56.14	0.95	1	1	4.520251
SU4_str	BOBJ1	179.98	Before	Interior Girder 4	56.14	0.95	1	1	4.520251
SU4_str	BOBJ1	179.98	Before	Interior Girder 5	56.14	0.95	1	1	4.762269
SU4_str	BOBJ1	179.98	Before	Interior Girder 6	56.14	0.95	1	1	5.266833
SU4_str	BOBJ1	179.98	Before	Right Exterior Girder	56.14	0.95	1	1	5.422633
SU4_str	BOBJ1	179.98	After	Left Exterior Girder	56.14	0.95	1	1	5.483348
SU4_str	BOBJ1	179.98	After	Interior Girder 1	56.14	0.95	1	1	5.204256

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelINonCompStrgth-Flx - Approach, Span 12-1									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
SU4_str	BOBJ1	179.98	After	Interior Girder 2	56.14	0.95	1	1	4.719257
SU4_str	BOBJ1	179.98	After	Interior Girder 3	56.14	0.95	1	1	4.35069
SU4_str	BOBJ1	179.98	After	Interior Girder 4	56.14	0.95	1	1	4.35069
SU4_str	BOBJ1	179.98	After	Interior Girder 5	56.14	0.95	1	1	4.719257
SU4_str	BOBJ1	179.98	After	Interior Girder 6	56.14	0.95	1	1	5.204256
SU4_str	BOBJ1	179.98	After	Right Exterior Girder	56.14	0.95	1	1	5.483348
SU4_str	BOBJ1	183.56	Before	Left Exterior Girder	59.72	0.95	1	1	4.113897
SU4_str	BOBJ1	183.56	Before	Right Exterior Girder	59.72	0.95	1	1	4.113897
SU4_str	BOBJ1	183.56	After	Left Exterior Girder	59.72	0.95	1	1	9.945348
SU4_str	BOBJ1	183.56	After	Right Exterior Girder	59.72	0.95	1	1	9.945348
SU4_str	BOBJ1	186.02	Before	Left Exterior Girder	62.18	0.95	1	1	8.766644
SU4_str	BOBJ1	186.02	Before	Interior Girder 1	62.22	0.95	1	1	3.710244
SU4_str	BOBJ1	186.02	Before	Interior Girder 2	62.22	0.95	1	1	3.541173
SU4_str	BOBJ1	186.02	Before	Interior Girder 3	62.22	0.95	1	1	3.253736
SU4_str	BOBJ1	186.02	Before	Interior Girder 4	62.22	0.95	1	1	3.253736
SU4_str	BOBJ1	186.02	Before	Interior Girder 5	62.22	0.95	1	1	3.541173
SU4_str	BOBJ1	186.02	Before	Interior Girder 6	62.22	0.95	1	1	3.710244
SU4_str	BOBJ1	186.02	Before	Right Exterior Girder	62.18	0.95	1	1	8.766644
SU4_str	BOBJ1	186.02	After	Left Exterior Girder	62.18	0.95	1	1	8.815413
SU4_str	BOBJ1	186.02	After	Interior Girder 1	62.22	0.95	1	1	6.053544
SU4_str	BOBJ1	186.02	After	Interior Girder 2	62.22	0.95	1	1	5.585241
SU4_str	BOBJ1	186.02	After	Interior Girder 3	62.22	0.95	1	1	5.219945
SU4_str	BOBJ1	186.02	After	Interior Girder 4	62.22	0.95	1	1	5.219945
SU4_str	BOBJ1	186.02	After	Interior Girder 5	62.22	0.95	1	1	5.585241
SU4_str	BOBJ1	186.02	After	Interior Girder 6	62.22	0.95	1	1	6.053544
SU4_str	BOBJ1	186.02	After	Right Exterior Girder	62.18	0.95	1	1	8.815413
SU4_str	BOBJ1	192.06	Before	Left Exterior Girder	68.22	0.95	1	1	4.256509
SU4_str	BOBJ1	192.06	Before	Interior Girder 1	68.22	0.95	1	1	2.814842
SU4_str	BOBJ1	192.06	Before	Interior Girder 2	68.22	0.95	1	1	2.676293
SU4_str	BOBJ1	192.06	Before	Interior Girder 3	68.22	0.95	1	1	2.262723
SU4_str	BOBJ1	192.06	Before	Interior Girder 4	68.22	0.95	1	1	2.262723
SU4_str	BOBJ1	192.06	Before	Interior Girder 5	68.22	0.95	1	1	2.676293
SU4_str	BOBJ1	192.06	Before	Interior Girder 6	68.22	0.95	1	1	2.814842
SU4_str	BOBJ1	192.06	Before	Right Exterior Girder	68.22	0.95	1	1	4.256509
SU4_str	BOBJ1	192.06	After	Left Exterior Girder	0	0.95	1	1	5.264438
SU4_str	BOBJ1	192.06	After	Interior Girder 1	0	0.95	1	1	4.077297
SU4_str	BOBJ1	192.06	After	Interior Girder 2	0	0.95	1	1	3.693771
SU4_str	BOBJ1	192.06	After	Interior Girder 3	0	0.95	1	1	3.18106
SU4_str	BOBJ1	192.06	After	Interior Girder 4	0	0.95	1	1	3.18106
SU4_str	BOBJ1	192.06	After	Interior Girder 5	0	0.95	1	1	3.693771
SU4_str	BOBJ1	192.06	After	Interior Girder 6	0	0.95	1	1	4.077297
SU4_str	BOBJ1	192.06	After	Right Exterior Girder	0	0.95	1	1	5.264438
SU4_str	BOBJ1	197.087	Before	Interior Girder 1	5.027	0.95	1	1	5.248297
SU4_str	BOBJ1	197.087	Before	Interior Girder 2	5.027	0.95	1	1	4.908598
SU4_str	BOBJ1	197.087	Before	Interior Girder 3	5.027	0.95	1	1	4.817437
SU4_str	BOBJ1	197.087	Before	Interior Girder 4	5.027	0.95	1	1	4.817437
SU4_str	BOBJ1	197.087	Before	Interior Girder 5	5.027	0.95	1	1	4.908598
SU4_str	BOBJ1	197.087	Before	Interior Girder 6	5.027	0.95	1	1	5.248297
SU4_str	BOBJ1	197.087	After	Interior Girder 1	5.027	0.95	1	1	3.27119
SU4_str	BOBJ1	197.087	After	Interior Girder 2	5.027	0.95	1	1	3.076715
SU4_str	BOBJ1	197.087	After	Interior Girder 3	5.027	0.95	1	1	2.995804
SU4_str	BOBJ1	197.087	After	Interior Girder 4	5.027	0.95	1	1	2.995804
SU4_str	BOBJ1	197.087	After	Interior Girder 5	5.027	0.95	1	1	3.076715
SU4_str	BOBJ1	197.087	After	Interior Girder 6	5.027	0.95	1	1	3.27119
SU4_str	BOBJ1	197.91	Before	Left Exterior Girder	5.85	0.95	1	1	7.301341
SU4_str	BOBJ1	197.91	Before	Interior Girder 1	5.85	0.95	1	1	3.462199
SU4_str	BOBJ1	197.91	Before	Interior Girder 2	5.85	0.95	1	1	3.229016
SU4_str	BOBJ1	197.91	Before	Interior Girder 3	5.85	0.95	1	1	3.201463
SU4_str	BOBJ1	197.91	Before	Interior Girder 4	5.85	0.95	1	1	3.201463
SU4_str	BOBJ1	197.91	Before	Interior Girder 5	5.85	0.95	1	1	3.229016
SU4_str	BOBJ1	197.91	Before	Interior Girder 6	5.85	0.95	1	1	3.462199
SU4_str	BOBJ1	197.91	Before	Right Exterior Girder	5.85	0.95	1	1	7.301341
SU4_str	BOBJ1	197.91	After	Left Exterior Girder	5.85	0.95	1	1	6.191936
SU4_str	BOBJ1	197.91	After	Interior Girder 1	5.85	0.95	1	1	2.880898
SU4_str	BOBJ1	197.91	After	Interior Girder 2	5.85	0.95	1	1	2.718559

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelINonCompStrgth-Flx - Approach, Span 12-1									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
SU4_str	BOBJ1	197.91	After	Interior Girder 3	5.85	0.95	1	1	2.666442
SU4_str	BOBJ1	197.91	After	Interior Girder 4	5.85	0.95	1	1	2.666442
SU4_str	BOBJ1	197.91	After	Interior Girder 5	5.85	0.95	1	1	2.718559
SU4_str	BOBJ1	197.91	After	Interior Girder 6	5.85	0.95	1	1	2.880898
SU4_str	BOBJ1	197.91	After	Right Exterior Girder	5.85	0.95	1	1	6.191936
SU4_str	BOBJ1	199.1816	Before	Left Exterior Girder	7.1216	0.95	1	1	6.62942
SU4_str	BOBJ1	199.1816	Before	Right Exterior Girder	7.1216	0.95	1	1	6.62942
SU4_str	BOBJ1	199.1816	After	Left Exterior Girder	7.1216	0.95	1	1	2.66124
SU4_str	BOBJ1	199.1816	After	Right Exterior Girder	7.1216	0.95	1	1	2.66124
SU4_str	BOBJ1	203.5267	Before	Left Exterior Girder	11.3107	0.95	1	1	3.832593
SU4_str	BOBJ1	203.5267	Before	Interior Girder 1	11.3107	0.95	1	1	4.095177
SU4_str	BOBJ1	203.5267	Before	Interior Girder 2	11.3107	0.95	1	1	3.865383
SU4_str	BOBJ1	203.5267	Before	Interior Girder 3	11.3107	0.95	1	1	3.801739
SU4_str	BOBJ1	203.5267	Before	Interior Girder 4	11.3107	0.95	1	1	3.801739
SU4_str	BOBJ1	203.5267	Before	Interior Girder 5	11.3107	0.95	1	1	3.865383
SU4_str	BOBJ1	203.5267	Before	Interior Girder 6	11.3107	0.95	1	1	4.095177
SU4_str	BOBJ1	203.5267	Before	Right Exterior Girder	11.3107	0.95	1	1	3.832593
SU4_str	BOBJ1	203.5267	After	Left Exterior Girder	11.3107	0.95	1	1	6.170177
SU4_str	BOBJ1	203.5267	After	Interior Girder 1	11.3107	0.95	1	1	6.485425
SU4_str	BOBJ1	203.5267	After	Interior Girder 2	11.3107	0.95	1	1	6.188122
SU4_str	BOBJ1	203.5267	After	Interior Girder 3	11.3107	0.95	1	1	6.051018
SU4_str	BOBJ1	203.5267	After	Interior Girder 4	11.3107	0.95	1	1	6.051018
SU4_str	BOBJ1	203.5267	After	Interior Girder 5	11.3107	0.95	1	1	6.188122
SU4_str	BOBJ1	203.5267	After	Interior Girder 6	11.3107	0.95	1	1	6.485425
SU4_str	BOBJ1	203.5267	After	Right Exterior Girder	11.3107	0.95	1	1	6.170177
SU4_str	BOBJ1	209.1433	Before	Left Exterior Girder	17.0833	0.95	1	1	6.302899
SU4_str	BOBJ1	209.1433	Before	Interior Girder 1	17.0833	0.95	1	1	4.245857
SU4_str	BOBJ1	209.1433	Before	Interior Girder 2	17.0833	0.95	1	1	3.938269
SU4_str	BOBJ1	209.1433	Before	Interior Girder 3	17.0833	0.95	1	1	3.806928
SU4_str	BOBJ1	209.1433	Before	Interior Girder 4	17.0833	0.95	1	1	3.806928
SU4_str	BOBJ1	209.1433	Before	Interior Girder 5	17.0833	0.95	1	1	3.938269
SU4_str	BOBJ1	209.1433	Before	Interior Girder 6	17.0833	0.95	1	1	4.245857
SU4_str	BOBJ1	209.1433	Before	Right Exterior Girder	17.0833	0.95	1	1	6.302899
SU4_str	BOBJ1	209.1433	After	Left Exterior Girder	17.0833	0.95	1	1	6.261485
SU4_str	BOBJ1	209.1433	After	Interior Girder 1	17.0833	0.95	1	1	4.257292
SU4_str	BOBJ1	209.1433	After	Interior Girder 2	17.0833	0.95	1	1	3.978237
SU4_str	BOBJ1	209.1433	After	Interior Girder 3	17.0833	0.95	1	1	3.879192
SU4_str	BOBJ1	209.1433	After	Interior Girder 4	17.0833	0.95	1	1	3.879192
SU4_str	BOBJ1	209.1433	After	Interior Girder 5	17.0833	0.95	1	1	3.978237
SU4_str	BOBJ1	209.1433	After	Interior Girder 6	17.0833	0.95	1	1	4.257292
SU4_str	BOBJ1	209.1433	After	Right Exterior Girder	17.0833	0.95	1	1	6.261485
SU4_str	BOBJ1	214.76	Before	Left Exterior Girder	22.7	0.95	1	1	4.301712
SU4_str	BOBJ1	214.76	Before	Interior Girder 1	22.7	0.95	1	1	3.361808
SU4_str	BOBJ1	214.76	Before	Interior Girder 2	22.7	0.95	1	1	3.139954
SU4_str	BOBJ1	214.76	Before	Interior Girder 3	22.7	0.95	1	1	3.062102
SU4_str	BOBJ1	214.76	Before	Interior Girder 4	22.7	0.95	1	1	3.062102
SU4_str	BOBJ1	214.76	Before	Interior Girder 5	22.7	0.95	1	1	3.139954
SU4_str	BOBJ1	214.76	Before	Interior Girder 6	22.7	0.95	1	1	3.361808
SU4_str	BOBJ1	214.76	Before	Right Exterior Girder	22.7	0.95	1	1	4.301712
SU4_str	BOBJ1	214.76	After	Left Exterior Girder	22.7	0.95	1	1	4.334435
SU4_str	BOBJ1	214.76	After	Interior Girder 1	22.7	0.95	1	1	3.344165
SU4_str	BOBJ1	214.76	After	Interior Girder 2	22.7	0.95	1	1	3.145419
SU4_str	BOBJ1	214.76	After	Interior Girder 3	22.7	0.95	1	1	3.079227
SU4_str	BOBJ1	214.76	After	Interior Girder 4	22.7	0.95	1	1	3.079227
SU4_str	BOBJ1	214.76	After	Interior Girder 5	22.7	0.95	1	1	3.145419
SU4_str	BOBJ1	214.76	After	Interior Girder 6	22.7	0.95	1	1	3.344165
SU4_str	BOBJ1	214.76	After	Right Exterior Girder	22.7	0.95	1	1	4.334435
SU4_str	BOBJ1	220.3767	Before	Left Exterior Girder	28.3167	0.95	1	1	3.778475
SU4_str	BOBJ1	220.3767	Before	Interior Girder 1	28.3167	0.95	1	1	2.813898
SU4_str	BOBJ1	220.3767	Before	Interior Girder 2	28.3167	0.95	1	1	2.671454
SU4_str	BOBJ1	220.3767	Before	Interior Girder 3	28.3167	0.95	1	1	2.587993
SU4_str	BOBJ1	220.3767	Before	Interior Girder 4	28.3167	0.95	1	1	2.587993
SU4_str	BOBJ1	220.3767	Before	Interior Girder 5	28.3167	0.95	1	1	2.671454
SU4_str	BOBJ1	220.3767	Before	Interior Girder 6	28.3167	0.95	1	1	2.813898
SU4_str	BOBJ1	220.3767	Before	Right Exterior Girder	28.3167	0.95	1	1	3.778475

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelINonCompStrgth-Flx - Approach, Span 12-1									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
SU4_str	BOBJ1	220.3767	After	Left Exterior Girder	28.3167	0.95	1	1	3.8086
SU4_str	BOBJ1	220.3767	After	Interior Girder 1	28.3167	0.95	1	1	2.801249
SU4_str	BOBJ1	220.3767	After	Interior Girder 2	28.3167	0.95	1	1	2.66506
SU4_str	BOBJ1	220.3767	After	Interior Girder 3	28.3167	0.95	1	1	2.591046
SU4_str	BOBJ1	220.3767	After	Interior Girder 4	28.3167	0.95	1	1	2.591046
SU4_str	BOBJ1	220.3767	After	Interior Girder 5	28.3167	0.95	1	1	2.66506
SU4_str	BOBJ1	220.3767	After	Interior Girder 6	28.3167	0.95	1	1	2.801249
SU4_str	BOBJ1	220.3767	After	Right Exterior Girder	28.3167	0.95	1	1	3.8086
SU4_str	BOBJ1	225.9933	Before	Left Exterior Girder	33.9333	0.95	1	1	3.637802
SU4_str	BOBJ1	225.9933	Before	Interior Girder 1	33.9333	0.95	1	1	2.691077
SU4_str	BOBJ1	225.9933	Before	Interior Girder 2	33.9333	0.95	1	1	2.565
SU4_str	BOBJ1	225.9933	Before	Interior Girder 3	33.9333	0.95	1	1	2.490992
SU4_str	BOBJ1	225.9933	Before	Interior Girder 4	33.9333	0.95	1	1	2.490992
SU4_str	BOBJ1	225.9933	Before	Interior Girder 5	33.9333	0.95	1	1	2.565
SU4_str	BOBJ1	225.9933	Before	Interior Girder 6	33.9333	0.95	1	1	2.691077
SU4_str	BOBJ1	225.9933	Before	Right Exterior Girder	33.9333	0.95	1	1	3.637802
SU4_str	BOBJ1	225.9933	After	Left Exterior Girder	33.9333	0.95	1	1	3.616879
SU4_str	BOBJ1	225.9933	After	Interior Girder 1	33.9333	0.95	1	1	2.703778
SU4_str	BOBJ1	225.9933	After	Interior Girder 2	33.9333	0.95	1	1	2.568804
SU4_str	BOBJ1	225.9933	After	Interior Girder 3	33.9333	0.95	1	1	2.486943
SU4_str	BOBJ1	225.9933	After	Interior Girder 4	33.9333	0.95	1	1	2.486943
SU4_str	BOBJ1	225.9933	After	Interior Girder 5	33.9333	0.95	1	1	2.568804
SU4_str	BOBJ1	225.9933	After	Interior Girder 6	33.9333	0.95	1	1	2.703778
SU4_str	BOBJ1	225.9933	After	Right Exterior Girder	33.9333	0.95	1	1	3.616879
SU4_str	BOBJ1	231.61	Before	Left Exterior Girder	39.55	0.95	1	1	3.889953
SU4_str	BOBJ1	231.61	Before	Interior Girder 1	39.55	0.95	1	1	3.014315
SU4_str	BOBJ1	231.61	Before	Interior Girder 2	39.55	0.95	1	1	2.843608
SU4_str	BOBJ1	231.61	Before	Interior Girder 3	39.55	0.95	1	1	2.743183
SU4_str	BOBJ1	231.61	Before	Interior Girder 4	39.55	0.95	1	1	2.743183
SU4_str	BOBJ1	231.61	Before	Interior Girder 5	39.55	0.95	1	1	2.843608
SU4_str	BOBJ1	231.61	Before	Interior Girder 6	39.55	0.95	1	1	3.014315
SU4_str	BOBJ1	231.61	Before	Right Exterior Girder	39.55	0.95	1	1	3.889953
SU4_str	BOBJ1	231.61	After	Left Exterior Girder	39.55	0.95	1	1	3.880662
SU4_str	BOBJ1	231.61	After	Interior Girder 1	39.55	0.95	1	1	3.018931
SU4_str	BOBJ1	231.61	After	Interior Girder 2	39.55	0.95	1	1	2.827512
SU4_str	BOBJ1	231.61	After	Interior Girder 3	39.55	0.95	1	1	2.714861
SU4_str	BOBJ1	231.61	After	Interior Girder 4	39.55	0.95	1	1	2.714861
SU4_str	BOBJ1	231.61	After	Interior Girder 5	39.55	0.95	1	1	2.827512
SU4_str	BOBJ1	231.61	After	Interior Girder 6	39.55	0.95	1	1	3.018931
SU4_str	BOBJ1	231.61	After	Right Exterior Girder	39.55	0.95	1	1	3.880662
SU4_str	BOBJ1	237.37	Before	Left Exterior Girder	45.31	0.95	1	1	5.306036
SU4_str	BOBJ1	237.37	Before	Interior Girder 1	45.31	0.95	1	1	3.708032
SU4_str	BOBJ1	237.37	Before	Interior Girder 2	45.31	0.95	1	1	3.491936
SU4_str	BOBJ1	237.37	Before	Interior Girder 3	45.31	0.95	1	1	3.310082
SU4_str	BOBJ1	237.37	Before	Interior Girder 4	45.31	0.95	1	1	3.310082
SU4_str	BOBJ1	237.37	Before	Interior Girder 5	45.31	0.95	1	1	3.491936
SU4_str	BOBJ1	237.37	Before	Interior Girder 6	45.31	0.95	1	1	3.708032
SU4_str	BOBJ1	237.37	Before	Right Exterior Girder	45.31	0.95	1	1	5.306036
SU4_str	BOBJ1	237.37	After	Left Exterior Girder	45.31	0.95	1	1	5.317778
SU4_str	BOBJ1	237.37	After	Interior Girder 1	45.31	0.95	1	1	3.688474
SU4_str	BOBJ1	237.37	After	Interior Girder 2	45.31	0.95	1	1	3.434897
SU4_str	BOBJ1	237.37	After	Interior Girder 3	45.31	0.95	1	1	3.203138
SU4_str	BOBJ1	237.37	After	Interior Girder 4	45.31	0.95	1	1	3.203138
SU4_str	BOBJ1	237.37	After	Interior Girder 5	45.31	0.95	1	1	3.434897
SU4_str	BOBJ1	237.37	After	Interior Girder 6	45.31	0.95	1	1	3.688474
SU4_str	BOBJ1	237.37	After	Right Exterior Girder	45.31	0.95	1	1	5.317778
SU4_str	BOBJ1	243.13	Before	Left Exterior Girder	51.07	0.95	1	1	10.420911
SU4_str	BOBJ1	243.13	Before	Interior Girder 1	51.07	0.95	1	1	6.143913
SU4_str	BOBJ1	243.13	Before	Interior Girder 2	51.07	0.95	1	1	5.789364
SU4_str	BOBJ1	243.13	Before	Interior Girder 3	51.07	0.95	1	1	5.118845
SU4_str	BOBJ1	243.13	Before	Interior Girder 4	51.07	0.95	1	1	5.118845
SU4_str	BOBJ1	243.13	Before	Interior Girder 5	51.07	0.95	1	1	5.789364
SU4_str	BOBJ1	243.13	Before	Interior Girder 6	51.07	0.95	1	1	6.143913
SU4_str	BOBJ1	243.13	Before	Right Exterior Girder	51.07	0.95	1	1	10.420911
SU4_str	BOBJ1	243.13	After	Left Exterior Girder	51.07	0.95	1	1	10.390138

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelINonCompStrgth-Flx - Approach, Span 12-1									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
SU4_str	BOBJ1	243.13	After	Interior Girder 1	51.07	0.95	1	1	6.070943
SU4_str	BOBJ1	243.13	After	Interior Girder 2	51.07	0.95	1	1	5.664185
SU4_str	BOBJ1	243.13	After	Interior Girder 3	51.07	0.95	1	1	4.868749
SU4_str	BOBJ1	243.13	After	Interior Girder 4	51.07	0.95	1	1	4.868749
SU4_str	BOBJ1	243.13	After	Interior Girder 5	51.07	0.95	1	1	5.664185
SU4_str	BOBJ1	243.13	After	Interior Girder 6	51.07	0.95	1	1	6.070943
SU4_str	BOBJ1	243.13	After	Right Exterior Girder	51.07	0.95	1	1	10.390138
SU4_str	BOBJ1	248.89	Before	Left Exterior Girder	56.83	0.95	1	1	493.87595
SU4_str	BOBJ1	248.89	Before	Interior Girder 1	56.83	0.95	1	1	426.314705
SU4_str	BOBJ1	248.89	Before	Interior Girder 2	56.83	0.95	1	1	270.956514
SU4_str	BOBJ1	248.89	Before	Interior Girder 3	56.83	0.95	1	1	211.390337
SU4_str	BOBJ1	248.89	Before	Interior Girder 4	56.83	0.95	1	1	211.390337
SU4_str	BOBJ1	248.89	Before	Interior Girder 5	56.83	0.95	1	1	270.956514
SU4_str	BOBJ1	248.89	Before	Interior Girder 6	56.83	0.95	1	1	426.314705
SU4_str	BOBJ1	248.89	Before	Right Exterior Girder	56.83	0.95	1	1	493.87595
SU5_str	BOBJ1	0	After	Left Exterior Girder	0	0.95	1	1	261.284178
SU5_str	BOBJ1	0	After	Interior Girder 1	0	0.95	1	1	240.418981
SU5_str	BOBJ1	0	After	Interior Girder 2	0	0.95	1	1	171.977057
SU5_str	BOBJ1	0	After	Interior Girder 3	0	0.95	1	1	139.804508
SU5_str	BOBJ1	0	After	Interior Girder 4	0	0.95	1	1	139.804508
SU5_str	BOBJ1	0	After	Interior Girder 5	0	0.95	1	1	171.977057
SU5_str	BOBJ1	0	After	Interior Girder 6	0	0.95	1	1	240.418981
SU5_str	BOBJ1	0	After	Right Exterior Girder	0	0.95	1	1	261.284178
SU5_str	BOBJ1	5.85	Before	Left Exterior Girder	5.85	0.95	1	1	6.613548
SU5_str	BOBJ1	5.85	Before	Interior Girder 1	5.85	0.95	1	1	4.615666
SU5_str	BOBJ1	5.85	Before	Interior Girder 2	5.85	0.95	1	1	4.272533
SU5_str	BOBJ1	5.85	Before	Interior Girder 3	5.85	0.95	1	1	3.773464
SU5_str	BOBJ1	5.85	Before	Interior Girder 4	5.85	0.95	1	1	3.773464
SU5_str	BOBJ1	5.85	Before	Interior Girder 5	5.85	0.95	1	1	4.272533
SU5_str	BOBJ1	5.85	Before	Interior Girder 6	5.85	0.95	1	1	4.615666
SU5_str	BOBJ1	5.85	Before	Right Exterior Girder	5.85	0.95	1	1	6.613548
SU5_str	BOBJ1	5.85	After	Left Exterior Girder	5.85	0.95	1	1	6.639371
SU5_str	BOBJ1	5.85	After	Interior Girder 1	5.85	0.95	1	1	4.630622
SU5_str	BOBJ1	5.85	After	Interior Girder 2	5.85	0.95	1	1	4.337253
SU5_str	BOBJ1	5.85	After	Interior Girder 3	5.85	0.95	1	1	3.95247
SU5_str	BOBJ1	5.85	After	Interior Girder 4	5.85	0.95	1	1	3.95247
SU5_str	BOBJ1	5.85	After	Interior Girder 5	5.85	0.95	1	1	4.337253
SU5_str	BOBJ1	5.85	After	Interior Girder 6	5.85	0.95	1	1	4.630622
SU5_str	BOBJ1	5.85	After	Right Exterior Girder	5.85	0.95	1	1	6.639371
SU5_str	BOBJ1	11.4667	Before	Left Exterior Girder	11.4667	0.95	1	1	3.664126
SU5_str	BOBJ1	11.4667	Before	Interior Girder 1	11.4667	0.95	1	1	2.618524
SU5_str	BOBJ1	11.4667	Before	Interior Girder 2	11.4667	0.95	1	1	2.454993
SU5_str	BOBJ1	11.4667	Before	Interior Girder 3	11.4667	0.95	1	1	2.28182
SU5_str	BOBJ1	11.4667	Before	Interior Girder 4	11.4667	0.95	1	1	2.28182
SU5_str	BOBJ1	11.4667	Before	Interior Girder 5	11.4667	0.95	1	1	2.454993
SU5_str	BOBJ1	11.4667	Before	Interior Girder 6	11.4667	0.95	1	1	2.618524
SU5_str	BOBJ1	11.4667	Before	Right Exterior Girder	11.4667	0.95	1	1	3.664126
SU5_str	BOBJ1	11.4667	After	Left Exterior Girder	11.4667	0.95	1	1	3.709502
SU5_str	BOBJ1	11.4667	After	Interior Girder 1	11.4667	0.95	1	1	2.598064
SU5_str	BOBJ1	11.4667	After	Interior Girder 2	11.4667	0.95	1	1	2.474311
SU5_str	BOBJ1	11.4667	After	Interior Girder 3	11.4667	0.95	1	1	2.331903
SU5_str	BOBJ1	11.4667	After	Interior Girder 4	11.4667	0.95	1	1	2.331903
SU5_str	BOBJ1	11.4667	After	Interior Girder 5	11.4667	0.95	1	1	2.474311
SU5_str	BOBJ1	11.4667	After	Interior Girder 6	11.4667	0.95	1	1	2.598064
SU5_str	BOBJ1	11.4667	After	Right Exterior Girder	11.4667	0.95	1	1	3.709502
SU5_str	BOBJ1	17.0833	Before	Left Exterior Girder	17.0833	0.95	1	1	2.735376
SU5_str	BOBJ1	17.0833	Before	Interior Girder 1	17.0833	0.95	1	1	2.045137
SU5_str	BOBJ1	17.0833	Before	Interior Girder 2	17.0833	0.95	1	1	1.94728
SU5_str	BOBJ1	17.0833	Before	Interior Girder 3	17.0833	0.95	1	1	1.870055
SU5_str	BOBJ1	17.0833	Before	Interior Girder 4	17.0833	0.95	1	1	1.870055
SU5_str	BOBJ1	17.0833	Before	Interior Girder 5	17.0833	0.95	1	1	1.94728
SU5_str	BOBJ1	17.0833	Before	Interior Girder 6	17.0833	0.95	1	1	2.045137
SU5_str	BOBJ1	17.0833	Before	Right Exterior Girder	17.0833	0.95	1	1	2.735376
SU5_str	BOBJ1	17.0833	After	Left Exterior Girder	17.0833	0.95	1	1	2.73364
SU5_str	BOBJ1	17.0833	After	Interior Girder 1	17.0833	0.95	1	1	2.047261

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelINonCompStrgth-Flx - Approach, Span 12-1									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
SU5_str	BOBJ1	17.0833	After	Interior Girder 2	17.0833	0.95	1	1	1.96683
SU5_str	BOBJ1	17.0833	After	Interior Girder 3	17.0833	0.95	1	1	1.893465
SU5_str	BOBJ1	17.0833	After	Interior Girder 4	17.0833	0.95	1	1	1.893465
SU5_str	BOBJ1	17.0833	After	Interior Girder 5	17.0833	0.95	1	1	1.96683
SU5_str	BOBJ1	17.0833	After	Interior Girder 6	17.0833	0.95	1	1	2.047261
SU5_str	BOBJ1	17.0833	After	Right Exterior Girder	17.0833	0.95	1	1	2.73364
SU5_str	BOBJ1	22.7	Before	Left Exterior Girder	22.7	0.95	1	1	2.39908
SU5_str	BOBJ1	22.7	Before	Interior Girder 1	22.7	0.95	1	1	1.977738
SU5_str	BOBJ1	22.7	Before	Interior Girder 2	22.7	0.95	1	1	1.889856
SU5_str	BOBJ1	22.7	Before	Interior Girder 3	22.7	0.95	1	1	1.848487
SU5_str	BOBJ1	22.7	Before	Interior Girder 4	22.7	0.95	1	1	1.848487
SU5_str	BOBJ1	22.7	Before	Interior Girder 5	22.7	0.95	1	1	1.889856
SU5_str	BOBJ1	22.7	Before	Interior Girder 6	22.7	0.95	1	1	1.977738
SU5_str	BOBJ1	22.7	Before	Right Exterior Girder	22.7	0.95	1	1	2.39908
SU5_str	BOBJ1	22.7	After	Left Exterior Girder	22.7	0.95	1	1	2.40917
SU5_str	BOBJ1	22.7	After	Interior Girder 1	22.7	0.95	1	1	1.97269
SU5_str	BOBJ1	22.7	After	Interior Girder 2	22.7	0.95	1	1	1.89082
SU5_str	BOBJ1	22.7	After	Interior Girder 3	22.7	0.95	1	1	1.85026
SU5_str	BOBJ1	22.7	After	Interior Girder 4	22.7	0.95	1	1	1.85026
SU5_str	BOBJ1	22.7	After	Interior Girder 5	22.7	0.95	1	1	1.89082
SU5_str	BOBJ1	22.7	After	Interior Girder 6	22.7	0.95	1	1	1.97269
SU5_str	BOBJ1	22.7	After	Right Exterior Girder	22.7	0.95	1	1	2.40917
SU5_str	BOBJ1	28.3167	Before	Left Exterior Girder	28.3167	0.95	1	1	2.651327
SU5_str	BOBJ1	28.3167	Before	Interior Girder 1	28.3167	0.95	1	1	2.0217
SU5_str	BOBJ1	28.3167	Before	Interior Girder 2	28.3167	0.95	1	1	1.938906
SU5_str	BOBJ1	28.3167	Before	Interior Girder 3	28.3167	0.95	1	1	1.886343
SU5_str	BOBJ1	28.3167	Before	Interior Girder 4	28.3167	0.95	1	1	1.886343
SU5_str	BOBJ1	28.3167	Before	Interior Girder 5	28.3167	0.95	1	1	1.938906
SU5_str	BOBJ1	28.3167	Before	Interior Girder 6	28.3167	0.95	1	1	2.0217
SU5_str	BOBJ1	28.3167	Before	Right Exterior Girder	28.3167	0.95	1	1	2.651327
SU5_str	BOBJ1	28.3167	After	Left Exterior Girder	28.3167	0.95	1	1	2.661176
SU5_str	BOBJ1	28.3167	After	Interior Girder 1	28.3167	0.95	1	1	2.014124
SU5_str	BOBJ1	28.3167	After	Interior Girder 2	28.3167	0.95	1	1	1.927348
SU5_str	BOBJ1	28.3167	After	Interior Girder 3	28.3167	0.95	1	1	1.872018
SU5_str	BOBJ1	28.3167	After	Interior Girder 4	28.3167	0.95	1	1	1.872018
SU5_str	BOBJ1	28.3167	After	Interior Girder 5	28.3167	0.95	1	1	1.927348
SU5_str	BOBJ1	28.3167	After	Interior Girder 6	28.3167	0.95	1	1	2.014124
SU5_str	BOBJ1	28.3167	After	Right Exterior Girder	28.3167	0.95	1	1	2.661176
SU5_str	BOBJ1	33.9333	Before	Left Exterior Girder	33.9333	0.95	1	1	3.240231
SU5_str	BOBJ1	33.9333	Before	Interior Girder 1	33.9333	0.95	1	1	2.348859
SU5_str	BOBJ1	33.9333	Before	Interior Girder 2	33.9333	0.95	1	1	2.23616
SU5_str	BOBJ1	33.9333	Before	Interior Girder 3	33.9333	0.95	1	1	2.190248
SU5_str	BOBJ1	33.9333	Before	Interior Girder 4	33.9333	0.95	1	1	2.190248
SU5_str	BOBJ1	33.9333	Before	Interior Girder 5	33.9333	0.95	1	1	2.23616
SU5_str	BOBJ1	33.9333	Before	Interior Girder 6	33.9333	0.95	1	1	2.348859
SU5_str	BOBJ1	33.9333	Before	Right Exterior Girder	33.9333	0.95	1	1	3.240231
SU5_str	BOBJ1	33.9333	After	Left Exterior Girder	33.9333	0.95	1	1	3.203634
SU5_str	BOBJ1	33.9333	After	Interior Girder 1	33.9333	0.95	1	1	2.368335
SU5_str	BOBJ1	33.9333	After	Interior Girder 2	33.9333	0.95	1	1	2.238653
SU5_str	BOBJ1	33.9333	After	Interior Girder 3	33.9333	0.95	1	1	2.175023
SU5_str	BOBJ1	33.9333	After	Interior Girder 4	33.9333	0.95	1	1	2.175023
SU5_str	BOBJ1	33.9333	After	Interior Girder 5	33.9333	0.95	1	1	2.238653
SU5_str	BOBJ1	33.9333	After	Interior Girder 6	33.9333	0.95	1	1	2.368335
SU5_str	BOBJ1	33.9333	After	Right Exterior Girder	33.9333	0.95	1	1	3.203634
SU5_str	BOBJ1	39.55	Before	Left Exterior Girder	39.55	0.95	1	1	4.496534
SU5_str	BOBJ1	39.55	Before	Interior Girder 1	39.55	0.95	1	1	3.349408
SU5_str	BOBJ1	39.55	Before	Interior Girder 2	39.55	0.95	1	1	3.107375
SU5_str	BOBJ1	39.55	Before	Interior Girder 3	39.55	0.95	1	1	3.045408
SU5_str	BOBJ1	39.55	Before	Interior Girder 4	39.55	0.95	1	1	3.045408
SU5_str	BOBJ1	39.55	Before	Interior Girder 5	39.55	0.95	1	1	3.107375
SU5_str	BOBJ1	39.55	Before	Interior Girder 6	39.55	0.95	1	1	3.349408
SU5_str	BOBJ1	39.55	Before	Right Exterior Girder	39.55	0.95	1	1	4.496534
SU5_str	BOBJ1	39.55	After	Left Exterior Girder	39.55	0.95	1	1	4.474279
SU5_str	BOBJ1	39.55	After	Interior Girder 1	39.55	0.95	1	1	3.358799
SU5_str	BOBJ1	39.55	After	Interior Girder 2	39.55	0.95	1	1	3.08863

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelINonCompStrgth-Flx - Approach, Span 12-1									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
SU5_str	BOBJ1	39.55	After	Interior Girder 3	39.55	0.95	1	1	2.998729
SU5_str	BOBJ1	39.55	After	Interior Girder 4	39.55	0.95	1	1	2.998729
SU5_str	BOBJ1	39.55	After	Interior Girder 5	39.55	0.95	1	1	3.08863
SU5_str	BOBJ1	39.55	After	Interior Girder 6	39.55	0.95	1	1	3.358799
SU5_str	BOBJ1	39.55	After	Right Exterior Girder	39.55	0.95	1	1	4.474279
SU5_str	BOBJ1	45.1733	Before	Left Exterior Girder	45.1226	0.95	1	1	4.539813
SU5_str	BOBJ1	45.1733	Before	Interior Girder 1	45.1226	0.95	1	1	4.694377
SU5_str	BOBJ1	45.1733	Before	Interior Girder 2	45.1226	0.95	1	1	4.506595
SU5_str	BOBJ1	45.1733	Before	Interior Girder 3	45.1226	0.95	1	1	4.576607
SU5_str	BOBJ1	45.1733	Before	Interior Girder 4	45.1226	0.95	1	1	4.576607
SU5_str	BOBJ1	45.1733	Before	Interior Girder 5	45.1226	0.95	1	1	4.506595
SU5_str	BOBJ1	45.1733	Before	Interior Girder 6	45.1226	0.95	1	1	4.694377
SU5_str	BOBJ1	45.1733	Before	Right Exterior Girder	45.1226	0.95	1	1	4.539813
SU5_str	BOBJ1	45.1733	After	Left Exterior Girder	45.1226	0.95	1	1	3.630076
SU5_str	BOBJ1	45.1733	After	Interior Girder 1	45.1226	0.95	1	1	3.745812
SU5_str	BOBJ1	45.1733	After	Interior Girder 2	45.1226	0.95	1	1	3.579167
SU5_str	BOBJ1	45.1733	After	Interior Girder 3	45.1226	0.95	1	1	3.653614
SU5_str	BOBJ1	45.1733	After	Interior Girder 4	45.1226	0.95	1	1	3.653614
SU5_str	BOBJ1	45.1733	After	Interior Girder 5	45.1226	0.95	1	1	3.579167
SU5_str	BOBJ1	45.1733	After	Interior Girder 6	45.1226	0.95	1	1	3.745812
SU5_str	BOBJ1	45.1733	After	Right Exterior Girder	45.1226	0.95	1	1	3.630076
SU5_str	BOBJ1	49.2561	Before	Left Exterior Girder	49.2561	0.95	1	1	2.56507
SU5_str	BOBJ1	49.2561	Before	Right Exterior Girder	49.2561	0.95	1	1	2.56507
SU5_str	BOBJ1	49.2561	After	Left Exterior Girder	49.2561	0.95	1	1	2.6063
SU5_str	BOBJ1	49.2561	After	Right Exterior Girder	49.2561	0.95	1	1	2.6063
SU5_str	BOBJ1	50.7967	Before	Left Exterior Girder	50.7967	0.95	1	1	5.458792
SU5_str	BOBJ1	50.7967	Before	Interior Girder 1	50.7967	0.95	1	1	2.639372
SU5_str	BOBJ1	50.7967	Before	Interior Girder 2	50.7967	0.95	1	1	2.525259
SU5_str	BOBJ1	50.7967	Before	Interior Girder 3	50.7967	0.95	1	1	2.401348
SU5_str	BOBJ1	50.7967	Before	Interior Girder 4	50.7967	0.95	1	1	2.401348
SU5_str	BOBJ1	50.7967	Before	Interior Girder 5	50.7967	0.95	1	1	2.525259
SU5_str	BOBJ1	50.7967	Before	Interior Girder 6	50.7967	0.95	1	1	2.639372
SU5_str	BOBJ1	50.7967	Before	Right Exterior Girder	50.7967	0.95	1	1	5.458792
SU5_str	BOBJ1	50.7967	After	Left Exterior Girder	50.7967	0.95	1	1	5.42423
SU5_str	BOBJ1	50.7967	After	Interior Girder 1	50.7967	0.95	1	1	2.633072
SU5_str	BOBJ1	50.7967	After	Interior Girder 2	50.7967	0.95	1	1	2.506773
SU5_str	BOBJ1	50.7967	After	Interior Girder 3	50.7967	0.95	1	1	2.394468
SU5_str	BOBJ1	50.7967	After	Interior Girder 4	50.7967	0.95	1	1	2.394468
SU5_str	BOBJ1	50.7967	After	Interior Girder 5	50.7967	0.95	1	1	2.506773
SU5_str	BOBJ1	50.7967	After	Interior Girder 6	50.7967	0.95	1	1	2.633072
SU5_str	BOBJ1	50.7967	After	Right Exterior Girder	50.7967	0.95	1	1	5.42423
SU5_str	BOBJ1	51.3989	Before	Interior Girder 1	51.3989	0.95	1	1	2.505261
SU5_str	BOBJ1	51.3989	Before	Interior Girder 2	51.3989	0.95	1	1	2.404424
SU5_str	BOBJ1	51.3989	Before	Interior Girder 3	51.3989	0.95	1	1	2.273331
SU5_str	BOBJ1	51.3989	Before	Interior Girder 4	51.3989	0.95	1	1	2.273331
SU5_str	BOBJ1	51.3989	Before	Interior Girder 5	51.3989	0.95	1	1	2.404424
SU5_str	BOBJ1	51.3989	Before	Interior Girder 6	51.3989	0.95	1	1	2.505261
SU5_str	BOBJ1	51.3989	After	Interior Girder 1	51.3989	0.95	1	1	3.829372
SU5_str	BOBJ1	51.3989	After	Interior Girder 2	51.3989	0.95	1	1	3.632443
SU5_str	BOBJ1	51.3989	After	Interior Girder 3	51.3989	0.95	1	1	3.483609
SU5_str	BOBJ1	51.3989	After	Interior Girder 4	51.3989	0.95	1	1	3.483609
SU5_str	BOBJ1	51.3989	After	Interior Girder 5	51.3989	0.95	1	1	3.632443
SU5_str	BOBJ1	51.3989	After	Interior Girder 6	51.3989	0.95	1	1	3.829372
SU5_str	BOBJ1	56.42	Before	Left Exterior Girder	56.42	0.95	1	1	3.777259
SU5_str	BOBJ1	56.42	Before	Interior Girder 1	56.42	0.95	1	1	2.731773
SU5_str	BOBJ1	56.42	Before	Interior Girder 2	56.42	0.95	1	1	2.538569
SU5_str	BOBJ1	56.42	Before	Interior Girder 3	56.42	0.95	1	1	2.135744
SU5_str	BOBJ1	56.42	Before	Interior Girder 4	56.42	0.95	1	1	2.135744
SU5_str	BOBJ1	56.42	Before	Interior Girder 5	56.42	0.95	1	1	2.538569
SU5_str	BOBJ1	56.42	Before	Interior Girder 6	56.42	0.95	1	1	2.731773
SU5_str	BOBJ1	56.42	Before	Right Exterior Girder	56.42	0.95	1	1	3.777259
SU5_str	BOBJ1	56.42	After	Left Exterior Girder	0	0.95	1	1	3.886411
SU5_str	BOBJ1	56.42	After	Interior Girder 1	0	0.95	1	1	2.495148
SU5_str	BOBJ1	56.42	After	Interior Girder 2	0	0.95	1	1	2.380856
SU5_str	BOBJ1	56.42	After	Interior Girder 3	0	0.95	1	1	2.010857

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelINonCompStrgth-Flx - Approach, Span 12-1									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
SU5_str	BOBJ1	56.42	After	Interior Girder 4	0	0.95	1	1	2.010857
SU5_str	BOBJ1	56.42	After	Interior Girder 5	0	0.95	1	1	2.380856
SU5_str	BOBJ1	56.42	After	Interior Girder 6	0	0.95	1	1	2.495148
SU5_str	BOBJ1	56.42	After	Right Exterior Girder	0	0.95	1	1	3.886411
SU5_str	BOBJ1	62.0367	Before	Left Exterior Girder	5.6167	0.95	1	1	6.927326
SU5_str	BOBJ1	62.0367	Before	Interior Girder 1	5.6167	0.95	1	1	4.817261
SU5_str	BOBJ1	62.0367	Before	Interior Girder 2	5.6167	0.95	1	1	4.481127
SU5_str	BOBJ1	62.0367	Before	Interior Girder 3	5.6167	0.95	1	1	4.204821
SU5_str	BOBJ1	62.0367	Before	Interior Girder 4	5.6167	0.95	1	1	4.204821
SU5_str	BOBJ1	62.0367	Before	Interior Girder 5	5.6167	0.95	1	1	4.481127
SU5_str	BOBJ1	62.0367	Before	Interior Girder 6	5.6167	0.95	1	1	4.817261
SU5_str	BOBJ1	62.0367	Before	Right Exterior Girder	5.6167	0.95	1	1	6.927326
SU5_str	BOBJ1	62.0367	After	Left Exterior Girder	5.6167	0.95	1	1	6.853893
SU5_str	BOBJ1	62.0367	After	Interior Girder 1	5.6167	0.95	1	1	4.897083
SU5_str	BOBJ1	62.0367	After	Interior Girder 2	5.6167	0.95	1	1	4.556491
SU5_str	BOBJ1	62.0367	After	Interior Girder 3	5.6167	0.95	1	1	4.279801
SU5_str	BOBJ1	62.0367	After	Interior Girder 4	5.6167	0.95	1	1	4.279801
SU5_str	BOBJ1	62.0367	After	Interior Girder 5	5.6167	0.95	1	1	4.556491
SU5_str	BOBJ1	62.0367	After	Interior Girder 6	5.6167	0.95	1	1	4.897083
SU5_str	BOBJ1	62.0367	After	Right Exterior Girder	5.6167	0.95	1	1	6.853893
SU5_str	BOBJ1	62.4203	Before	Interior Girder 1	6.0003	0.95	1	1	5.007789
SU5_str	BOBJ1	62.4203	Before	Interior Girder 2	6.0003	0.95	1	1	4.649235
SU5_str	BOBJ1	62.4203	Before	Interior Girder 3	6.0003	0.95	1	1	4.391935
SU5_str	BOBJ1	62.4203	Before	Interior Girder 4	6.0003	0.95	1	1	4.391935
SU5_str	BOBJ1	62.4203	Before	Interior Girder 5	6.0003	0.95	1	1	4.649235
SU5_str	BOBJ1	62.4203	Before	Interior Girder 6	6.0003	0.95	1	1	5.007789
SU5_str	BOBJ1	62.4203	After	Interior Girder 1	6.0003	0.95	1	1	3.283462
SU5_str	BOBJ1	62.4203	After	Interior Girder 2	6.0003	0.95	1	1	3.098785
SU5_str	BOBJ1	62.4203	After	Interior Girder 3	6.0003	0.95	1	1	2.881743
SU5_str	BOBJ1	62.4203	After	Interior Girder 4	6.0003	0.95	1	1	2.881743
SU5_str	BOBJ1	62.4203	After	Interior Girder 5	6.0003	0.95	1	1	3.098785
SU5_str	BOBJ1	62.4203	After	Interior Girder 6	6.0003	0.95	1	1	3.283462
SU5_str	BOBJ1	64.9204	Before	Left Exterior Girder	8.5004	0.95	1	1	7.964507
SU5_str	BOBJ1	64.9204	Before	Right Exterior Girder	8.5004	0.95	1	1	7.964507
SU5_str	BOBJ1	64.9204	After	Left Exterior Girder	8.5004	0.95	1	1	3.597883
SU5_str	BOBJ1	64.9204	After	Right Exterior Girder	8.5004	0.95	1	1	3.597883
SU5_str	BOBJ1	67.6533	Before	Left Exterior Girder	11.2333	0.95	1	1	4.48391
SU5_str	BOBJ1	67.6533	Before	Interior Girder 1	11.2333	0.95	1	1	4.537413
SU5_str	BOBJ1	67.6533	Before	Interior Girder 2	11.2333	0.95	1	1	4.277832
SU5_str	BOBJ1	67.6533	Before	Interior Girder 3	11.2333	0.95	1	1	4.281667
SU5_str	BOBJ1	67.6533	Before	Interior Girder 4	11.2333	0.95	1	1	4.281667
SU5_str	BOBJ1	67.6533	Before	Interior Girder 5	11.2333	0.95	1	1	4.277832
SU5_str	BOBJ1	67.6533	Before	Interior Girder 6	11.2333	0.95	1	1	4.537413
SU5_str	BOBJ1	67.6533	Before	Right Exterior Girder	11.2333	0.95	1	1	4.48391
SU5_str	BOBJ1	67.6533	After	Left Exterior Girder	11.2333	0.95	1	1	4.436843
SU5_str	BOBJ1	67.6533	After	Interior Girder 1	11.2333	0.95	1	1	4.578987
SU5_str	BOBJ1	67.6533	After	Interior Girder 2	11.2333	0.95	1	1	4.338558
SU5_str	BOBJ1	67.6533	After	Interior Girder 3	11.2333	0.95	1	1	4.324086
SU5_str	BOBJ1	67.6533	After	Interior Girder 4	11.2333	0.95	1	1	4.324086
SU5_str	BOBJ1	67.6533	After	Interior Girder 5	11.2333	0.95	1	1	4.338558
SU5_str	BOBJ1	67.6533	After	Interior Girder 6	11.2333	0.95	1	1	4.578987
SU5_str	BOBJ1	67.6533	After	Right Exterior Girder	11.2333	0.95	1	1	4.436843
SU5_str	BOBJ1	73.27	Before	Left Exterior Girder	16.85	0.95	1	1	4.339547
SU5_str	BOBJ1	73.27	Before	Interior Girder 1	16.85	0.95	1	1	3.247497
SU5_str	BOBJ1	73.27	Before	Interior Girder 2	16.85	0.95	1	1	2.949245
SU5_str	BOBJ1	73.27	Before	Interior Girder 3	16.85	0.95	1	1	2.845186
SU5_str	BOBJ1	73.27	Before	Interior Girder 4	16.85	0.95	1	1	2.845186
SU5_str	BOBJ1	73.27	Before	Interior Girder 5	16.85	0.95	1	1	2.949245
SU5_str	BOBJ1	73.27	Before	Interior Girder 6	16.85	0.95	1	1	3.247497
SU5_str	BOBJ1	73.27	Before	Right Exterior Girder	16.85	0.95	1	1	4.339547
SU5_str	BOBJ1	73.27	After	Left Exterior Girder	16.85	0.95	1	1	4.407424
SU5_str	BOBJ1	73.27	After	Interior Girder 1	16.85	0.95	1	1	3.212605
SU5_str	BOBJ1	73.27	After	Interior Girder 2	16.85	0.95	1	1	2.952099
SU5_str	BOBJ1	73.27	After	Interior Girder 3	16.85	0.95	1	1	2.883544
SU5_str	BOBJ1	73.27	After	Interior Girder 4	16.85	0.95	1	1	2.883544

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelINonCompStrgth-Flx - Approach, Span 12-1									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
SU5_str	BOBJ1	73.27	After	Interior Girder 5	16.85	0.95	1	1	2.952099
SU5_str	BOBJ1	73.27	After	Interior Girder 6	16.85	0.95	1	1	3.212605
SU5_str	BOBJ1	73.27	After	Right Exterior Girder	16.85	0.95	1	1	4.407424
SU5_str	BOBJ1	78.8867	Before	Left Exterior Girder	22.4667	0.95	1	1	2.966745
SU5_str	BOBJ1	78.8867	Before	Interior Girder 1	22.4667	0.95	1	1	2.215155
SU5_str	BOBJ1	78.8867	Before	Interior Girder 2	22.4667	0.95	1	1	2.083818
SU5_str	BOBJ1	78.8867	Before	Interior Girder 3	22.4667	0.95	1	1	2.012533
SU5_str	BOBJ1	78.8867	Before	Interior Girder 4	22.4667	0.95	1	1	2.012533
SU5_str	BOBJ1	78.8867	Before	Interior Girder 5	22.4667	0.95	1	1	2.083818
SU5_str	BOBJ1	78.8867	Before	Interior Girder 6	22.4667	0.95	1	1	2.215155
SU5_str	BOBJ1	78.8867	Before	Right Exterior Girder	22.4667	0.95	1	1	2.966745
SU5_str	BOBJ1	78.8867	After	Left Exterior Girder	22.4667	0.95	1	1	3.013971
SU5_str	BOBJ1	78.8867	After	Interior Girder 1	22.4667	0.95	1	1	2.192196
SU5_str	BOBJ1	78.8867	After	Interior Girder 2	22.4667	0.95	1	1	2.077244
SU5_str	BOBJ1	78.8867	After	Interior Girder 3	22.4667	0.95	1	1	2.02624
SU5_str	BOBJ1	78.8867	After	Interior Girder 4	22.4667	0.95	1	1	2.02624
SU5_str	BOBJ1	78.8867	After	Interior Girder 5	22.4667	0.95	1	1	2.077244
SU5_str	BOBJ1	78.8867	After	Interior Girder 6	22.4667	0.95	1	1	2.192196
SU5_str	BOBJ1	78.8867	After	Right Exterior Girder	22.4667	0.95	1	1	3.013971
SU5_str	BOBJ1	84.5033	Before	Left Exterior Girder	28.0833	0.95	1	1	2.353043
SU5_str	BOBJ1	84.5033	Before	Interior Girder 1	28.0833	0.95	1	1	1.844138
SU5_str	BOBJ1	84.5033	Before	Interior Girder 2	28.0833	0.95	1	1	1.760213
SU5_str	BOBJ1	84.5033	Before	Interior Girder 3	28.0833	0.95	1	1	1.713005
SU5_str	BOBJ1	84.5033	Before	Interior Girder 4	28.0833	0.95	1	1	1.713005
SU5_str	BOBJ1	84.5033	Before	Interior Girder 5	28.0833	0.95	1	1	1.760213
SU5_str	BOBJ1	84.5033	Before	Interior Girder 6	28.0833	0.95	1	1	1.844138
SU5_str	BOBJ1	84.5033	Before	Right Exterior Girder	28.0833	0.95	1	1	2.353043
SU5_str	BOBJ1	84.5033	After	Left Exterior Girder	28.0833	0.95	1	1	2.353225
SU5_str	BOBJ1	84.5033	After	Interior Girder 1	28.0833	0.95	1	1	1.847698
SU5_str	BOBJ1	84.5033	After	Interior Girder 2	28.0833	0.95	1	1	1.769371
SU5_str	BOBJ1	84.5033	After	Interior Girder 3	28.0833	0.95	1	1	1.725801
SU5_str	BOBJ1	84.5033	After	Interior Girder 4	28.0833	0.95	1	1	1.725801
SU5_str	BOBJ1	84.5033	After	Interior Girder 5	28.0833	0.95	1	1	1.769371
SU5_str	BOBJ1	84.5033	After	Interior Girder 6	28.0833	0.95	1	1	1.847698
SU5_str	BOBJ1	84.5033	After	Right Exterior Girder	28.0833	0.95	1	1	2.353225
SU5_str	BOBJ1	90.12	Before	Left Exterior Girder	33.7	0.95	1	1	2.108645
SU5_str	BOBJ1	90.12	Before	Interior Girder 1	33.7	0.95	1	1	1.823509
SU5_str	BOBJ1	90.12	Before	Interior Girder 2	33.7	0.95	1	1	1.743867
SU5_str	BOBJ1	90.12	Before	Interior Girder 3	33.7	0.95	1	1	1.709502
SU5_str	BOBJ1	90.12	Before	Interior Girder 4	33.7	0.95	1	1	1.709502
SU5_str	BOBJ1	90.12	Before	Interior Girder 5	33.7	0.95	1	1	1.743867
SU5_str	BOBJ1	90.12	Before	Interior Girder 6	33.7	0.95	1	1	1.823509
SU5_str	BOBJ1	90.12	Before	Right Exterior Girder	33.7	0.95	1	1	2.108645
SU5_str	BOBJ1	90.12	After	Left Exterior Girder	33.7	0.95	1	1	2.115509
SU5_str	BOBJ1	90.12	After	Interior Girder 1	33.7	0.95	1	1	1.819297
SU5_str	BOBJ1	90.12	After	Interior Girder 2	33.7	0.95	1	1	1.740461
SU5_str	BOBJ1	90.12	After	Interior Girder 3	33.7	0.95	1	1	1.70633
SU5_str	BOBJ1	90.12	After	Interior Girder 4	33.7	0.95	1	1	1.70633
SU5_str	BOBJ1	90.12	After	Interior Girder 5	33.7	0.95	1	1	1.740461
SU5_str	BOBJ1	90.12	After	Interior Girder 6	33.7	0.95	1	1	1.819297
SU5_str	BOBJ1	90.12	After	Right Exterior Girder	33.7	0.95	1	1	2.115509
SU5_str	BOBJ1	95.7367	Before	Left Exterior Girder	39.3167	0.95	1	1	2.333725
SU5_str	BOBJ1	95.7367	Before	Interior Girder 1	39.3167	0.95	1	1	1.836226
SU5_str	BOBJ1	95.7367	Before	Interior Girder 2	39.3167	0.95	1	1	1.759012
SU5_str	BOBJ1	95.7367	Before	Interior Girder 3	39.3167	0.95	1	1	1.717181
SU5_str	BOBJ1	95.7367	Before	Interior Girder 4	39.3167	0.95	1	1	1.717181
SU5_str	BOBJ1	95.7367	Before	Interior Girder 5	39.3167	0.95	1	1	1.759012
SU5_str	BOBJ1	95.7367	Before	Interior Girder 6	39.3167	0.95	1	1	1.836226
SU5_str	BOBJ1	95.7367	Before	Right Exterior Girder	39.3167	0.95	1	1	2.333725
SU5_str	BOBJ1	95.7367	After	Left Exterior Girder	39.3167	0.95	1	1	2.335269
SU5_str	BOBJ1	95.7367	After	Interior Girder 1	39.3167	0.95	1	1	1.831951
SU5_str	BOBJ1	95.7367	After	Interior Girder 2	39.3167	0.95	1	1	1.750078
SU5_str	BOBJ1	95.7367	After	Interior Girder 3	39.3167	0.95	1	1	1.70502
SU5_str	BOBJ1	95.7367	After	Interior Girder 4	39.3167	0.95	1	1	1.70502
SU5_str	BOBJ1	95.7367	After	Interior Girder 5	39.3167	0.95	1	1	1.750078

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelINonCompStrgth-Flx - Approach, Span 12-1									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
SU5_str	BOBJ1	95.7367	After	Interior Girder 6	39.3167	0.95	1	1	1.831951
SU5_str	BOBJ1	95.7367	After	Right Exterior Girder	39.3167	0.95	1	1	2.335269
SU5_str	BOBJ1	101.3533	Before	Left Exterior Girder	44.9333	0.95	1	1	2.945723
SU5_str	BOBJ1	101.3533	Before	Interior Girder 1	44.9333	0.95	1	1	2.167685
SU5_str	BOBJ1	101.3533	Before	Interior Girder 2	44.9333	0.95	1	1	2.054394
SU5_str	BOBJ1	101.3533	Before	Interior Girder 3	44.9333	0.95	1	1	2.009868
SU5_str	BOBJ1	101.3533	Before	Interior Girder 4	44.9333	0.95	1	1	2.009868
SU5_str	BOBJ1	101.3533	Before	Interior Girder 5	44.9333	0.95	1	1	2.054394
SU5_str	BOBJ1	101.3533	Before	Interior Girder 6	44.9333	0.95	1	1	2.167685
SU5_str	BOBJ1	101.3533	Before	Right Exterior Girder	44.9333	0.95	1	1	2.945723
SU5_str	BOBJ1	101.3533	After	Left Exterior Girder	44.9333	0.95	1	1	2.901134
SU5_str	BOBJ1	101.3533	After	Interior Girder 1	44.9333	0.95	1	1	2.189473
SU5_str	BOBJ1	101.3533	After	Interior Girder 2	44.9333	0.95	1	1	2.061677
SU5_str	BOBJ1	101.3533	After	Interior Girder 3	44.9333	0.95	1	1	1.997102
SU5_str	BOBJ1	101.3533	After	Interior Girder 4	44.9333	0.95	1	1	1.997102
SU5_str	BOBJ1	101.3533	After	Interior Girder 5	44.9333	0.95	1	1	2.061677
SU5_str	BOBJ1	101.3533	After	Interior Girder 6	44.9333	0.95	1	1	2.189473
SU5_str	BOBJ1	101.3533	After	Right Exterior Girder	44.9333	0.95	1	1	2.901134
SU5_str	BOBJ1	106.97	Before	Left Exterior Girder	50.55	0.95	1	1	4.218391
SU5_str	BOBJ1	106.97	Before	Interior Girder 1	50.55	0.95	1	1	3.151513
SU5_str	BOBJ1	106.97	Before	Interior Girder 2	50.55	0.95	1	1	2.896383
SU5_str	BOBJ1	106.97	Before	Interior Girder 3	50.55	0.95	1	1	2.842862
SU5_str	BOBJ1	106.97	Before	Interior Girder 4	50.55	0.95	1	1	2.842862
SU5_str	BOBJ1	106.97	Before	Interior Girder 5	50.55	0.95	1	1	2.896383
SU5_str	BOBJ1	106.97	Before	Interior Girder 6	50.55	0.95	1	1	3.151513
SU5_str	BOBJ1	106.97	Before	Right Exterior Girder	50.55	0.95	1	1	4.218391
SU5_str	BOBJ1	106.97	After	Left Exterior Girder	50.55	0.95	1	1	4.188406
SU5_str	BOBJ1	106.97	After	Interior Girder 1	50.55	0.95	1	1	3.163106
SU5_str	BOBJ1	106.97	After	Interior Girder 2	50.55	0.95	1	1	2.883011
SU5_str	BOBJ1	106.97	After	Interior Girder 3	50.55	0.95	1	1	2.794556
SU5_str	BOBJ1	106.97	After	Interior Girder 4	50.55	0.95	1	1	2.794556
SU5_str	BOBJ1	106.97	After	Interior Girder 5	50.55	0.95	1	1	2.883011
SU5_str	BOBJ1	106.97	After	Interior Girder 6	50.55	0.95	1	1	3.163106
SU5_str	BOBJ1	106.97	After	Right Exterior Girder	50.55	0.95	1	1	4.188406
SU5_str	BOBJ1	112.5933	Before	Left Exterior Girder	56.1733	0.95	1	1	3.695177
SU5_str	BOBJ1	112.5933	Before	Interior Girder 1	56.1733	0.95	1	1	3.895061
SU5_str	BOBJ1	112.5933	Before	Interior Girder 2	56.1733	0.95	1	1	3.712868
SU5_str	BOBJ1	112.5933	Before	Interior Girder 3	56.1733	0.95	1	1	3.739583
SU5_str	BOBJ1	112.5933	Before	Interior Girder 4	56.1733	0.95	1	1	3.739583
SU5_str	BOBJ1	112.5933	Before	Interior Girder 5	56.1733	0.95	1	1	3.712868
SU5_str	BOBJ1	112.5933	Before	Interior Girder 6	56.1733	0.95	1	1	3.895061
SU5_str	BOBJ1	112.5933	Before	Right Exterior Girder	56.1733	0.95	1	1	3.695177
SU5_str	BOBJ1	112.5933	After	Left Exterior Girder	56.1733	0.95	1	1	3.729174
SU5_str	BOBJ1	112.5933	After	Interior Girder 1	56.1733	0.95	1	1	3.867121
SU5_str	BOBJ1	112.5933	After	Interior Girder 2	56.1733	0.95	1	1	3.671536
SU5_str	BOBJ1	112.5933	After	Interior Girder 3	56.1733	0.95	1	1	3.713064
SU5_str	BOBJ1	112.5933	After	Interior Girder 4	56.1733	0.95	1	1	3.713064
SU5_str	BOBJ1	112.5933	After	Interior Girder 5	56.1733	0.95	1	1	3.671536
SU5_str	BOBJ1	112.5933	After	Interior Girder 6	56.1733	0.95	1	1	3.867121
SU5_str	BOBJ1	112.5933	After	Right Exterior Girder	56.1733	0.95	1	1	3.729174
SU5_str	BOBJ1	115.3396	Before	Left Exterior Girder	58.9196	0.95	1	1	2.976814
SU5_str	BOBJ1	115.3396	Before	Right Exterior Girder	58.9196	0.95	1	1	2.976814
SU5_str	BOBJ1	115.3396	After	Left Exterior Girder	58.9196	0.95	1	1	6.640195
SU5_str	BOBJ1	115.3396	After	Right Exterior Girder	58.9196	0.95	1	1	6.640195
SU5_str	BOBJ1	118.2167	Before	Left Exterior Girder	61.7967	0.95	1	1	5.716133
SU5_str	BOBJ1	118.2167	Before	Interior Girder 1	61.9198	0.95	1	1	2.684936
SU5_str	BOBJ1	118.2167	Before	Interior Girder 2	61.9198	0.95	1	1	2.577376
SU5_str	BOBJ1	118.2167	Before	Interior Girder 3	61.9198	0.95	1	1	2.421765
SU5_str	BOBJ1	118.2167	Before	Interior Girder 4	61.9198	0.95	1	1	2.421765
SU5_str	BOBJ1	118.2167	Before	Interior Girder 5	61.9198	0.95	1	1	2.577376
SU5_str	BOBJ1	118.2167	Before	Interior Girder 6	61.9198	0.95	1	1	2.684936
SU5_str	BOBJ1	118.2167	Before	Right Exterior Girder	61.7967	0.95	1	1	5.716133
SU5_str	BOBJ1	118.2167	After	Left Exterior Girder	61.7967	0.95	1	1	5.721152
SU5_str	BOBJ1	118.2167	After	Interior Girder 1	61.9198	0.95	1	1	4.131182
SU5_str	BOBJ1	118.2167	After	Interior Girder 2	61.9198	0.95	1	1	3.86357

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelINonCompStrgth-Flx - Approach, Span 12-1									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
SU5_str	BOBJ1	118.2167	After	Interior Girder 3	61.9198	0.95	1	1	3.692846
SU5_str	BOBJ1	118.2167	After	Interior Girder 4	61.9198	0.95	1	1	3.692846
SU5_str	BOBJ1	118.2167	After	Interior Girder 5	61.9198	0.95	1	1	3.86357
SU5_str	BOBJ1	118.2167	After	Interior Girder 6	61.9198	0.95	1	1	4.131182
SU5_str	BOBJ1	118.2167	After	Right Exterior Girder	61.7967	0.95	1	1	5.721152
SU5_str	BOBJ1	123.84	Before	Left Exterior Girder	67.42	0.95	1	1	3.919963
SU5_str	BOBJ1	123.84	Before	Interior Girder 1	67.42	0.95	1	1	2.613575
SU5_str	BOBJ1	123.84	Before	Interior Girder 2	67.42	0.95	1	1	2.426097
SU5_str	BOBJ1	123.84	Before	Interior Girder 3	67.42	0.95	1	1	2.014318
SU5_str	BOBJ1	123.84	Before	Interior Girder 4	67.42	0.95	1	1	2.014318
SU5_str	BOBJ1	123.84	Before	Interior Girder 5	67.42	0.95	1	1	2.426097
SU5_str	BOBJ1	123.84	Before	Interior Girder 6	67.42	0.95	1	1	2.613575
SU5_str	BOBJ1	123.84	Before	Right Exterior Girder	67.42	0.95	1	1	3.919963
SU5_str	BOBJ1	123.84	After	Left Exterior Girder	0	0.95	1	1	4.180756
SU5_str	BOBJ1	123.84	After	Interior Girder 1	0	0.95	1	1	2.785077
SU5_str	BOBJ1	123.84	After	Interior Girder 2	0	0.95	1	1	2.60232
SU5_str	BOBJ1	123.84	After	Interior Girder 3	0	0.95	1	1	2.163762
SU5_str	BOBJ1	123.84	After	Interior Girder 4	0	0.95	1	1	2.163762
SU5_str	BOBJ1	123.84	After	Interior Girder 5	0	0.95	1	1	2.60232
SU5_str	BOBJ1	123.84	After	Interior Girder 6	0	0.95	1	1	2.785077
SU5_str	BOBJ1	123.84	After	Right Exterior Girder	0	0.95	1	1	4.180756
SU5_str	BOBJ1	129.34	Before	Interior Girder 1	5.5	0.95	1	1	4.42425
SU5_str	BOBJ1	129.34	Before	Interior Girder 2	5.5	0.95	1	1	4.163153
SU5_str	BOBJ1	129.34	Before	Interior Girder 3	5.5	0.95	1	1	3.987437
SU5_str	BOBJ1	129.34	Before	Interior Girder 4	5.5	0.95	1	1	3.987437
SU5_str	BOBJ1	129.34	Before	Interior Girder 5	5.5	0.95	1	1	4.163153
SU5_str	BOBJ1	129.34	Before	Interior Girder 6	5.5	0.95	1	1	4.42425
SU5_str	BOBJ1	129.34	After	Interior Girder 1	5.5	0.95	1	1	2.924102
SU5_str	BOBJ1	129.34	After	Interior Girder 2	5.5	0.95	1	1	2.776801
SU5_str	BOBJ1	129.34	After	Interior Girder 3	5.5	0.95	1	1	2.626404
SU5_str	BOBJ1	129.34	After	Interior Girder 4	5.5	0.95	1	1	2.626404
SU5_str	BOBJ1	129.34	After	Interior Girder 5	5.5	0.95	1	1	2.776801
SU5_str	BOBJ1	129.34	After	Interior Girder 6	5.5	0.95	1	1	2.924102
SU5_str	BOBJ1	130.79	Before	Left Exterior Girder	6.95	0.95	1	1	6.535257
SU5_str	BOBJ1	130.79	Before	Interior Girder 1	6.95	0.95	1	1	3.249765
SU5_str	BOBJ1	130.79	Before	Interior Girder 2	6.95	0.95	1	1	3.04917
SU5_str	BOBJ1	130.79	Before	Interior Girder 3	6.95	0.95	1	1	2.957474
SU5_str	BOBJ1	130.79	Before	Interior Girder 4	6.95	0.95	1	1	2.957474
SU5_str	BOBJ1	130.79	Before	Interior Girder 5	6.95	0.95	1	1	3.04917
SU5_str	BOBJ1	130.79	Before	Interior Girder 6	6.95	0.95	1	1	3.249765
SU5_str	BOBJ1	130.79	Before	Right Exterior Girder	6.95	0.95	1	1	6.535257
SU5_str	BOBJ1	130.79	After	Left Exterior Girder	6.95	0.95	1	1	6.587155
SU5_str	BOBJ1	130.79	After	Interior Girder 1	6.95	0.95	1	1	3.234692
SU5_str	BOBJ1	130.79	After	Interior Girder 2	6.95	0.95	1	1	3.076959
SU5_str	BOBJ1	130.79	After	Interior Girder 3	6.95	0.95	1	1	2.974383
SU5_str	BOBJ1	130.79	After	Interior Girder 4	6.95	0.95	1	1	2.974383
SU5_str	BOBJ1	130.79	After	Interior Girder 5	6.95	0.95	1	1	3.076959
SU5_str	BOBJ1	130.79	After	Interior Girder 6	6.95	0.95	1	1	3.234692
SU5_str	BOBJ1	130.79	After	Right Exterior Girder	6.95	0.95	1	1	6.587155
SU5_str	BOBJ1	132.34	Before	Left Exterior Girder	8.5	0.95	1	1	7.15634
SU5_str	BOBJ1	132.34	Before	Right Exterior Girder	8.5	0.95	1	1	7.15634
SU5_str	BOBJ1	132.34	After	Left Exterior Girder	8.5	0.95	1	1	3.199586
SU5_str	BOBJ1	132.34	After	Right Exterior Girder	8.5	0.95	1	1	3.199586
SU5_str	BOBJ1	137.74	Before	Left Exterior Girder	13.9	0.95	1	1	4.719894
SU5_str	BOBJ1	137.74	Before	Interior Girder 1	13.9	0.95	1	1	4.053066
SU5_str	BOBJ1	137.74	Before	Interior Girder 2	13.9	0.95	1	1	3.663405
SU5_str	BOBJ1	137.74	Before	Interior Girder 3	13.9	0.95	1	1	3.52213
SU5_str	BOBJ1	137.74	Before	Interior Girder 4	13.9	0.95	1	1	3.52213
SU5_str	BOBJ1	137.74	Before	Interior Girder 5	13.9	0.95	1	1	3.663405
SU5_str	BOBJ1	137.74	Before	Interior Girder 6	13.9	0.95	1	1	4.053066
SU5_str	BOBJ1	137.74	Before	Right Exterior Girder	13.9	0.95	1	1	4.719894
SU5_str	BOBJ1	137.74	After	Left Exterior Girder	13.9	0.95	1	1	5.152139
SU5_str	BOBJ1	137.74	After	Interior Girder 1	13.9	0.95	1	1	4.023444
SU5_str	BOBJ1	137.74	After	Interior Girder 2	13.9	0.95	1	1	3.677725
SU5_str	BOBJ1	137.74	After	Interior Girder 3	13.9	0.95	1	1	3.595165

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelINonCompStrgth-Flx - Approach, Span 12-1									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
SU5_str	BOBJ1	137.74	After	Interior Girder 4	13.9	0.95	1	1	3.595165
SU5_str	BOBJ1	137.74	After	Interior Girder 5	13.9	0.95	1	1	3.677725
SU5_str	BOBJ1	137.74	After	Interior Girder 6	13.9	0.95	1	1	4.023444
SU5_str	BOBJ1	137.74	After	Right Exterior Girder	13.9	0.95	1	1	5.152139
SU5_str	BOBJ1	143.7733	Before	Left Exterior Girder	19.9333	0.95	1	1	3.448894
SU5_str	BOBJ1	143.7733	Before	Interior Girder 1	19.9333	0.95	1	1	2.441889
SU5_str	BOBJ1	143.7733	Before	Interior Girder 2	19.9333	0.95	1	1	2.287301
SU5_str	BOBJ1	143.7733	Before	Interior Girder 3	19.9333	0.95	1	1	2.20871
SU5_str	BOBJ1	143.7733	Before	Interior Girder 4	19.9333	0.95	1	1	2.20871
SU5_str	BOBJ1	143.7733	Before	Interior Girder 5	19.9333	0.95	1	1	2.287301
SU5_str	BOBJ1	143.7733	Before	Interior Girder 6	19.9333	0.95	1	1	2.441889
SU5_str	BOBJ1	143.7733	Before	Right Exterior Girder	19.9333	0.95	1	1	3.448894
SU5_str	BOBJ1	143.7733	After	Left Exterior Girder	19.9333	0.95	1	1	3.511551
SU5_str	BOBJ1	143.7733	After	Interior Girder 1	19.9333	0.95	1	1	2.412666
SU5_str	BOBJ1	143.7733	After	Interior Girder 2	19.9333	0.95	1	1	2.283064
SU5_str	BOBJ1	143.7733	After	Interior Girder 3	19.9333	0.95	1	1	2.230863
SU5_str	BOBJ1	143.7733	After	Interior Girder 4	19.9333	0.95	1	1	2.230863
SU5_str	BOBJ1	143.7733	After	Interior Girder 5	19.9333	0.95	1	1	2.283064
SU5_str	BOBJ1	143.7733	After	Interior Girder 6	19.9333	0.95	1	1	2.412666
SU5_str	BOBJ1	143.7733	After	Right Exterior Girder	19.9333	0.95	1	1	3.511551
SU5_str	BOBJ1	149.8067	Before	Left Exterior Girder	25.9667	0.95	1	1	2.484613
SU5_str	BOBJ1	149.8067	Before	Interior Girder 1	25.9667	0.95	1	1	1.898061
SU5_str	BOBJ1	149.8067	Before	Interior Girder 2	25.9667	0.95	1	1	1.80619
SU5_str	BOBJ1	149.8067	Before	Interior Girder 3	25.9667	0.95	1	1	1.757683
SU5_str	BOBJ1	149.8067	Before	Interior Girder 4	25.9667	0.95	1	1	1.757683
SU5_str	BOBJ1	149.8067	Before	Interior Girder 5	25.9667	0.95	1	1	1.80619
SU5_str	BOBJ1	149.8067	Before	Interior Girder 6	25.9667	0.95	1	1	1.898061
SU5_str	BOBJ1	149.8067	Before	Right Exterior Girder	25.9667	0.95	1	1	2.484613
SU5_str	BOBJ1	149.8067	After	Left Exterior Girder	25.9667	0.95	1	1	2.487958
SU5_str	BOBJ1	149.8067	After	Interior Girder 1	25.9667	0.95	1	1	1.898557
SU5_str	BOBJ1	149.8067	After	Interior Girder 2	25.9667	0.95	1	1	1.815775
SU5_str	BOBJ1	149.8067	After	Interior Girder 3	25.9667	0.95	1	1	1.77469
SU5_str	BOBJ1	149.8067	After	Interior Girder 4	25.9667	0.95	1	1	1.77469
SU5_str	BOBJ1	149.8067	After	Interior Girder 5	25.9667	0.95	1	1	1.815775
SU5_str	BOBJ1	149.8067	After	Interior Girder 6	25.9667	0.95	1	1	1.898557
SU5_str	BOBJ1	149.8067	After	Right Exterior Girder	25.9667	0.95	1	1	2.487958
SU5_str	BOBJ1	155.84	Before	Left Exterior Girder	32	0.95	1	1	2.082333
SU5_str	BOBJ1	155.84	Before	Interior Girder 1	32	0.95	1	1	1.799587
SU5_str	BOBJ1	155.84	Before	Interior Girder 2	32	0.95	1	1	1.718731
SU5_str	BOBJ1	155.84	Before	Interior Girder 3	32	0.95	1	1	1.685222
SU5_str	BOBJ1	155.84	Before	Interior Girder 4	32	0.95	1	1	1.685222
SU5_str	BOBJ1	155.84	Before	Interior Girder 5	32	0.95	1	1	1.718731
SU5_str	BOBJ1	155.84	Before	Interior Girder 6	32	0.95	1	1	1.799587
SU5_str	BOBJ1	155.84	Before	Right Exterior Girder	32	0.95	1	1	2.082333
SU5_str	BOBJ1	155.84	After	Left Exterior Girder	32	0.95	1	1	2.093996
SU5_str	BOBJ1	155.84	After	Interior Girder 1	32	0.95	1	1	1.793273
SU5_str	BOBJ1	155.84	After	Interior Girder 2	32	0.95	1	1	1.715784
SU5_str	BOBJ1	155.84	After	Interior Girder 3	32	0.95	1	1	1.684846
SU5_str	BOBJ1	155.84	After	Interior Girder 4	32	0.95	1	1	1.684846
SU5_str	BOBJ1	155.84	After	Interior Girder 5	32	0.95	1	1	1.715784
SU5_str	BOBJ1	155.84	After	Interior Girder 6	32	0.95	1	1	1.793273
SU5_str	BOBJ1	155.84	After	Right Exterior Girder	32	0.95	1	1	2.093996
SU5_str	BOBJ1	161.8733	Before	Left Exterior Girder	38.0333	0.95	1	1	2.250158
SU5_str	BOBJ1	161.8733	Before	Interior Girder 1	38.0333	0.95	1	1	1.763457
SU5_str	BOBJ1	161.8733	Before	Interior Girder 2	38.0333	0.95	1	1	1.687734
SU5_str	BOBJ1	161.8733	Before	Interior Girder 3	38.0333	0.95	1	1	1.645357
SU5_str	BOBJ1	161.8733	Before	Interior Girder 4	38.0333	0.95	1	1	1.645357
SU5_str	BOBJ1	161.8733	Before	Interior Girder 5	38.0333	0.95	1	1	1.687734
SU5_str	BOBJ1	161.8733	Before	Interior Girder 6	38.0333	0.95	1	1	1.763457
SU5_str	BOBJ1	161.8733	Before	Right Exterior Girder	38.0333	0.95	1	1	2.250158
SU5_str	BOBJ1	161.8733	After	Left Exterior Girder	38.0333	0.95	1	1	2.254549
SU5_str	BOBJ1	161.8733	After	Interior Girder 1	38.0333	0.95	1	1	1.756678
SU5_str	BOBJ1	161.8733	After	Interior Girder 2	38.0333	0.95	1	1	1.679129
SU5_str	BOBJ1	161.8733	After	Interior Girder 3	38.0333	0.95	1	1	1.634623
SU5_str	BOBJ1	161.8733	After	Interior Girder 4	38.0333	0.95	1	1	1.634623

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelINonCompStrgth-Flx - Approach, Span 12-1									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
SU5_str	BOBJ1	161.8733	After	Interior Girder 5	38.0333	0.95	1	1	1.679129
SU5_str	BOBJ1	161.8733	After	Interior Girder 6	38.0333	0.95	1	1	1.756678
SU5_str	BOBJ1	161.8733	After	Right Exterior Girder	38.0333	0.95	1	1	2.254549
SU5_str	BOBJ1	167.9067	Before	Left Exterior Girder	44.0667	0.95	1	1	2.805224
SU5_str	BOBJ1	167.9067	Before	Interior Girder 1	44.0667	0.95	1	1	2.053909
SU5_str	BOBJ1	167.9067	Before	Interior Girder 2	44.0667	0.95	1	1	1.944154
SU5_str	BOBJ1	167.9067	Before	Interior Girder 3	44.0667	0.95	1	1	1.898864
SU5_str	BOBJ1	167.9067	Before	Interior Girder 4	44.0667	0.95	1	1	1.898864
SU5_str	BOBJ1	167.9067	Before	Interior Girder 5	44.0667	0.95	1	1	1.944154
SU5_str	BOBJ1	167.9067	Before	Interior Girder 6	44.0667	0.95	1	1	2.053909
SU5_str	BOBJ1	167.9067	Before	Right Exterior Girder	44.0667	0.95	1	1	2.805224
SU5_str	BOBJ1	167.9067	After	Left Exterior Girder	44.0667	0.95	1	1	2.760018
SU5_str	BOBJ1	167.9067	After	Interior Girder 1	44.0667	0.95	1	1	2.074668
SU5_str	BOBJ1	167.9067	After	Interior Girder 2	44.0667	0.95	1	1	1.95281
SU5_str	BOBJ1	167.9067	After	Interior Girder 3	44.0667	0.95	1	1	1.887225
SU5_str	BOBJ1	167.9067	After	Interior Girder 4	44.0667	0.95	1	1	1.887225
SU5_str	BOBJ1	167.9067	After	Interior Girder 5	44.0667	0.95	1	1	1.95281
SU5_str	BOBJ1	167.9067	After	Interior Girder 6	44.0667	0.95	1	1	2.074668
SU5_str	BOBJ1	167.9067	After	Right Exterior Girder	44.0667	0.95	1	1	2.760018
SU5_str	BOBJ1	173.94	Before	Left Exterior Girder	50.1	0.95	1	1	4.030913
SU5_str	BOBJ1	173.94	Before	Interior Girder 1	50.1	0.95	1	1	3.012859
SU5_str	BOBJ1	173.94	Before	Interior Girder 2	50.1	0.95	1	1	2.755853
SU5_str	BOBJ1	173.94	Before	Interior Girder 3	50.1	0.95	1	1	2.695893
SU5_str	BOBJ1	173.94	Before	Interior Girder 4	50.1	0.95	1	1	2.695893
SU5_str	BOBJ1	173.94	Before	Interior Girder 5	50.1	0.95	1	1	2.755853
SU5_str	BOBJ1	173.94	Before	Interior Girder 6	50.1	0.95	1	1	3.012859
SU5_str	BOBJ1	173.94	Before	Right Exterior Girder	50.1	0.95	1	1	4.030913
SU5_str	BOBJ1	173.94	After	Left Exterior Girder	50.1	0.95	1	1	3.993287
SU5_str	BOBJ1	173.94	After	Interior Girder 1	50.1	0.95	1	1	3.02475
SU5_str	BOBJ1	173.94	After	Interior Girder 2	50.1	0.95	1	1	2.742666
SU5_str	BOBJ1	173.94	After	Interior Girder 3	50.1	0.95	1	1	2.64852
SU5_str	BOBJ1	173.94	After	Interior Girder 4	50.1	0.95	1	1	2.64852
SU5_str	BOBJ1	173.94	After	Interior Girder 5	50.1	0.95	1	1	2.742666
SU5_str	BOBJ1	173.94	After	Interior Girder 6	50.1	0.95	1	1	3.02475
SU5_str	BOBJ1	173.94	After	Right Exterior Girder	50.1	0.95	1	1	3.993287
SU5_str	BOBJ1	179.98	Before	Left Exterior Girder	56.14	0.95	1	1	4.831135
SU5_str	BOBJ1	179.98	Before	Interior Girder 1	56.14	0.95	1	1	4.943029
SU5_str	BOBJ1	179.98	Before	Interior Girder 2	56.14	0.95	1	1	4.464229
SU5_str	BOBJ1	179.98	Before	Interior Girder 3	56.14	0.95	1	1	4.277488
SU5_str	BOBJ1	179.98	Before	Interior Girder 4	56.14	0.95	1	1	4.277488
SU5_str	BOBJ1	179.98	Before	Interior Girder 5	56.14	0.95	1	1	4.464229
SU5_str	BOBJ1	179.98	Before	Interior Girder 6	56.14	0.95	1	1	4.943029
SU5_str	BOBJ1	179.98	Before	Right Exterior Girder	56.14	0.95	1	1	4.831135
SU5_str	BOBJ1	179.98	After	Left Exterior Girder	56.14	0.95	1	1	4.887803
SU5_str	BOBJ1	179.98	After	Interior Girder 1	56.14	0.95	1	1	4.902377
SU5_str	BOBJ1	179.98	After	Interior Girder 2	56.14	0.95	1	1	4.421427
SU5_str	BOBJ1	179.98	After	Interior Girder 3	56.14	0.95	1	1	4.106905
SU5_str	BOBJ1	179.98	After	Interior Girder 4	56.14	0.95	1	1	4.106905
SU5_str	BOBJ1	179.98	After	Interior Girder 5	56.14	0.95	1	1	4.421427
SU5_str	BOBJ1	179.98	After	Interior Girder 6	56.14	0.95	1	1	4.902377
SU5_str	BOBJ1	179.98	After	Right Exterior Girder	56.14	0.95	1	1	4.887803
SU5_str	BOBJ1	183.56	Before	Left Exterior Girder	59.72	0.95	1	1	3.668463
SU5_str	BOBJ1	183.56	Before	Right Exterior Girder	59.72	0.95	1	1	3.668463
SU5_str	BOBJ1	183.56	After	Left Exterior Girder	59.72	0.95	1	1	8.872301
SU5_str	BOBJ1	183.56	After	Right Exterior Girder	59.72	0.95	1	1	8.872301
SU5_str	BOBJ1	186.02	Before	Left Exterior Girder	62.18	0.95	1	1	7.821709
SU5_str	BOBJ1	186.02	Before	Interior Girder 1	62.22	0.95	1	1	3.306216
SU5_str	BOBJ1	186.02	Before	Interior Girder 2	62.22	0.95	1	1	3.155705
SU5_str	BOBJ1	186.02	Before	Interior Girder 3	62.22	0.95	1	1	2.893819
SU5_str	BOBJ1	186.02	Before	Interior Girder 4	62.22	0.95	1	1	2.893819
SU5_str	BOBJ1	186.02	Before	Interior Girder 5	62.22	0.95	1	1	3.155705
SU5_str	BOBJ1	186.02	Before	Interior Girder 6	62.22	0.95	1	1	3.306216
SU5_str	BOBJ1	186.02	Before	Right Exterior Girder	62.18	0.95	1	1	7.821709
SU5_str	BOBJ1	186.02	After	Left Exterior Girder	62.18	0.95	1	1	7.865524
SU5_str	BOBJ1	186.02	After	Interior Girder 1	62.22	0.95	1	1	5.393185

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelINonCompStrgth-Flx - Approach, Span 12-1									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
SU5_str	BOBJ1	186.02	After	Interior Girder 2	62.22	0.95	1	1	4.972628
SU5_str	BOBJ1	186.02	After	Interior Girder 3	62.22	0.95	1	1	4.637781
SU5_str	BOBJ1	186.02	After	Interior Girder 4	62.22	0.95	1	1	4.637781
SU5_str	BOBJ1	186.02	After	Interior Girder 5	62.22	0.95	1	1	4.972628
SU5_str	BOBJ1	186.02	After	Interior Girder 6	62.22	0.95	1	1	5.393185
SU5_str	BOBJ1	186.02	After	Right Exterior Girder	62.18	0.95	1	1	7.865524
SU5_str	BOBJ1	192.06	Before	Left Exterior Girder	68.22	0.95	1	1	3.777119
SU5_str	BOBJ1	192.06	Before	Interior Girder 1	68.22	0.95	1	1	2.489762
SU5_str	BOBJ1	192.06	Before	Interior Girder 2	68.22	0.95	1	1	2.375094
SU5_str	BOBJ1	192.06	Before	Interior Girder 3	68.22	0.95	1	1	2.007662
SU5_str	BOBJ1	192.06	Before	Interior Girder 4	68.22	0.95	1	1	2.007662
SU5_str	BOBJ1	192.06	Before	Interior Girder 5	68.22	0.95	1	1	2.375094
SU5_str	BOBJ1	192.06	Before	Interior Girder 6	68.22	0.95	1	1	2.489762
SU5_str	BOBJ1	192.06	Before	Right Exterior Girder	68.22	0.95	1	1	3.777119
SU5_str	BOBJ1	192.06	After	Left Exterior Girder	0	0.95	1	1	4.668736
SU5_str	BOBJ1	192.06	After	Interior Girder 1	0	0.95	1	1	3.624934
SU5_str	BOBJ1	192.06	After	Interior Girder 2	0	0.95	1	1	3.281558
SU5_str	BOBJ1	192.06	After	Interior Girder 3	0	0.95	1	1	2.831327
SU5_str	BOBJ1	192.06	After	Interior Girder 4	0	0.95	1	1	2.831327
SU5_str	BOBJ1	192.06	After	Interior Girder 5	0	0.95	1	1	3.281558
SU5_str	BOBJ1	192.06	After	Interior Girder 6	0	0.95	1	1	3.624934
SU5_str	BOBJ1	192.06	After	Right Exterior Girder	0	0.95	1	1	4.668736
SU5_str	BOBJ1	197.087	Before	Interior Girder 1	5.027	0.95	1	1	4.653459
SU5_str	BOBJ1	197.087	Before	Interior Girder 2	5.027	0.95	1	1	4.350799
SU5_str	BOBJ1	197.087	Before	Interior Girder 3	5.027	0.95	1	1	4.270251
SU5_str	BOBJ1	197.087	Before	Interior Girder 4	5.027	0.95	1	1	4.270251
SU5_str	BOBJ1	197.087	Before	Interior Girder 5	5.027	0.95	1	1	4.350799
SU5_str	BOBJ1	197.087	Before	Interior Girder 6	5.027	0.95	1	1	4.653459
SU5_str	BOBJ1	197.087	After	Interior Girder 1	5.027	0.95	1	1	2.898343
SU5_str	BOBJ1	197.087	After	Interior Girder 2	5.027	0.95	1	1	2.729102
SU5_str	BOBJ1	197.087	After	Interior Girder 3	5.027	0.95	1	1	2.658535
SU5_str	BOBJ1	197.087	After	Interior Girder 4	5.027	0.95	1	1	2.658535
SU5_str	BOBJ1	197.087	After	Interior Girder 5	5.027	0.95	1	1	2.729102
SU5_str	BOBJ1	197.087	After	Interior Girder 6	5.027	0.95	1	1	2.898343
SU5_str	BOBJ1	197.91	Before	Left Exterior Girder	5.85	0.95	1	1	6.474028
SU5_str	BOBJ1	197.91	Before	Interior Girder 1	5.85	0.95	1	1	3.067816
SU5_str	BOBJ1	197.91	Before	Interior Girder 2	5.85	0.95	1	1	2.864229
SU5_str	BOBJ1	197.91	Before	Interior Girder 3	5.85	0.95	1	1	2.841067
SU5_str	BOBJ1	197.91	Before	Interior Girder 4	5.85	0.95	1	1	2.841067
SU5_str	BOBJ1	197.91	Before	Interior Girder 5	5.85	0.95	1	1	2.864229
SU5_str	BOBJ1	197.91	Before	Interior Girder 6	5.85	0.95	1	1	3.067816
SU5_str	BOBJ1	197.91	Before	Right Exterior Girder	5.85	0.95	1	1	6.474028
SU5_str	BOBJ1	197.91	After	Left Exterior Girder	5.85	0.95	1	1	5.490697
SU5_str	BOBJ1	197.91	After	Interior Girder 1	5.85	0.95	1	1	2.552578
SU5_str	BOBJ1	197.91	After	Interior Girder 2	5.85	0.95	1	1	2.411112
SU5_str	BOBJ1	197.91	After	Interior Girder 3	5.85	0.95	1	1	2.366595
SU5_str	BOBJ1	197.91	After	Interior Girder 4	5.85	0.95	1	1	2.366595
SU5_str	BOBJ1	197.91	After	Interior Girder 5	5.85	0.95	1	1	2.411112
SU5_str	BOBJ1	197.91	After	Interior Girder 6	5.85	0.95	1	1	2.552578
SU5_str	BOBJ1	197.91	After	Right Exterior Girder	5.85	0.95	1	1	5.490697
SU5_str	BOBJ1	199.1816	Before	Left Exterior Girder	7.1216	0.95	1	1	5.878734
SU5_str	BOBJ1	199.1816	Before	Right Exterior Girder	7.1216	0.95	1	1	5.878734
SU5_str	BOBJ1	199.1816	After	Left Exterior Girder	7.1216	0.95	1	1	2.359715
SU5_str	BOBJ1	199.1816	After	Right Exterior Girder	7.1216	0.95	1	1	2.359715
SU5_str	BOBJ1	203.5267	Before	Left Exterior Girder	11.3107	0.95	1	1	3.400548
SU5_str	BOBJ1	203.5267	Before	Interior Girder 1	11.3107	0.95	1	1	3.62959
SU5_str	BOBJ1	203.5267	Before	Interior Girder 2	11.3107	0.95	1	1	3.426927
SU5_str	BOBJ1	203.5267	Before	Interior Girder 3	11.3107	0.95	1	1	3.532449
SU5_str	BOBJ1	203.5267	Before	Interior Girder 4	11.3107	0.95	1	1	3.532449
SU5_str	BOBJ1	203.5267	Before	Interior Girder 5	11.3107	0.95	1	1	3.426927
SU5_str	BOBJ1	203.5267	Before	Interior Girder 6	11.3107	0.95	1	1	3.62959
SU5_str	BOBJ1	203.5267	Before	Right Exterior Girder	11.3107	0.95	1	1	3.400548
SU5_str	BOBJ1	203.5267	After	Left Exterior Girder	11.3107	0.95	1	1	5.476798
SU5_str	BOBJ1	203.5267	After	Interior Girder 1	11.3107	0.95	1	1	5.752971
SU5_str	BOBJ1	203.5267	After	Interior Girder 2	11.3107	0.95	1	1	5.485191

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelINonCompStrgth-Flx - Approach, Span 12-1									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
SU5_str	BOBJ1	203.5267	After	Interior Girder 3	11.3107	0.95	1	1	5.615935
SU5_str	BOBJ1	203.5267	After	Interior Girder 4	11.3107	0.95	1	1	5.615935
SU5_str	BOBJ1	203.5267	After	Interior Girder 5	11.3107	0.95	1	1	5.485191
SU5_str	BOBJ1	203.5267	After	Interior Girder 6	11.3107	0.95	1	1	5.752971
SU5_str	BOBJ1	203.5267	After	Right Exterior Girder	11.3107	0.95	1	1	5.476798
SU5_str	BOBJ1	209.1433	Before	Left Exterior Girder	17.0833	0.95	1	1	5.689085
SU5_str	BOBJ1	209.1433	Before	Interior Girder 1	17.0833	0.95	1	1	3.886807
SU5_str	BOBJ1	209.1433	Before	Interior Girder 2	17.0833	0.95	1	1	3.613161
SU5_str	BOBJ1	209.1433	Before	Interior Girder 3	17.0833	0.95	1	1	3.509593
SU5_str	BOBJ1	209.1433	Before	Interior Girder 4	17.0833	0.95	1	1	3.509593
SU5_str	BOBJ1	209.1433	Before	Interior Girder 5	17.0833	0.95	1	1	3.613161
SU5_str	BOBJ1	209.1433	Before	Interior Girder 6	17.0833	0.95	1	1	3.886807
SU5_str	BOBJ1	209.1433	Before	Right Exterior Girder	17.0833	0.95	1	1	5.689085
SU5_str	BOBJ1	209.1433	After	Left Exterior Girder	17.0833	0.95	1	1	5.652889
SU5_str	BOBJ1	209.1433	After	Interior Girder 1	17.0833	0.95	1	1	3.900568
SU5_str	BOBJ1	209.1433	After	Interior Girder 2	17.0833	0.95	1	1	3.653543
SU5_str	BOBJ1	209.1433	After	Interior Girder 3	17.0833	0.95	1	1	3.570547
SU5_str	BOBJ1	209.1433	After	Interior Girder 4	17.0833	0.95	1	1	3.570547
SU5_str	BOBJ1	209.1433	After	Interior Girder 5	17.0833	0.95	1	1	3.653543
SU5_str	BOBJ1	209.1433	After	Interior Girder 6	17.0833	0.95	1	1	3.900568
SU5_str	BOBJ1	209.1433	After	Right Exterior Girder	17.0833	0.95	1	1	5.652889
SU5_str	BOBJ1	214.76	Before	Left Exterior Girder	22.7	0.95	1	1	3.89078
SU5_str	BOBJ1	214.76	Before	Interior Girder 1	22.7	0.95	1	1	3.075965
SU5_str	BOBJ1	214.76	Before	Interior Girder 2	22.7	0.95	1	1	2.872965
SU5_str	BOBJ1	214.76	Before	Interior Girder 3	22.7	0.95	1	1	2.806025
SU5_str	BOBJ1	214.76	Before	Interior Girder 4	22.7	0.95	1	1	2.806025
SU5_str	BOBJ1	214.76	Before	Interior Girder 5	22.7	0.95	1	1	2.872965
SU5_str	BOBJ1	214.76	Before	Interior Girder 6	22.7	0.95	1	1	3.075965
SU5_str	BOBJ1	214.76	Before	Right Exterior Girder	22.7	0.95	1	1	3.89078
SU5_str	BOBJ1	214.76	After	Left Exterior Girder	22.7	0.95	1	1	3.921637
SU5_str	BOBJ1	214.76	After	Interior Girder 1	22.7	0.95	1	1	3.061514
SU5_str	BOBJ1	214.76	After	Interior Girder 2	22.7	0.95	1	1	2.878423
SU5_str	BOBJ1	214.76	After	Interior Girder 3	22.7	0.95	1	1	2.822824
SU5_str	BOBJ1	214.76	After	Interior Girder 4	22.7	0.95	1	1	2.822824
SU5_str	BOBJ1	214.76	After	Interior Girder 5	22.7	0.95	1	1	2.878423
SU5_str	BOBJ1	214.76	After	Interior Girder 6	22.7	0.95	1	1	3.061514
SU5_str	BOBJ1	214.76	After	Right Exterior Girder	22.7	0.95	1	1	3.921637
SU5_str	BOBJ1	220.3767	Before	Left Exterior Girder	28.3167	0.95	1	1	3.44211
SU5_str	BOBJ1	220.3767	Before	Interior Girder 1	28.3167	0.95	1	1	2.591114
SU5_str	BOBJ1	220.3767	Before	Interior Girder 2	28.3167	0.95	1	1	2.456697
SU5_str	BOBJ1	220.3767	Before	Interior Girder 3	28.3167	0.95	1	1	2.382639
SU5_str	BOBJ1	220.3767	Before	Interior Girder 4	28.3167	0.95	1	1	2.382639
SU5_str	BOBJ1	220.3767	Before	Interior Girder 5	28.3167	0.95	1	1	2.456697
SU5_str	BOBJ1	220.3767	Before	Interior Girder 6	28.3167	0.95	1	1	2.591114
SU5_str	BOBJ1	220.3767	Before	Right Exterior Girder	28.3167	0.95	1	1	3.44211
SU5_str	BOBJ1	220.3767	After	Left Exterior Girder	28.3167	0.95	1	1	3.471051
SU5_str	BOBJ1	220.3767	After	Interior Girder 1	28.3167	0.95	1	1	2.581371
SU5_str	BOBJ1	220.3767	After	Interior Girder 2	28.3167	0.95	1	1	2.453773
SU5_str	BOBJ1	220.3767	After	Interior Girder 3	28.3167	0.95	1	1	2.387508
SU5_str	BOBJ1	220.3767	After	Interior Girder 4	28.3167	0.95	1	1	2.387508
SU5_str	BOBJ1	220.3767	After	Interior Girder 5	28.3167	0.95	1	1	2.453773
SU5_str	BOBJ1	220.3767	After	Interior Girder 6	28.3167	0.95	1	1	2.581371
SU5_str	BOBJ1	220.3767	After	Right Exterior Girder	28.3167	0.95	1	1	3.471051
SU5_str	BOBJ1	225.9933	Before	Left Exterior Girder	33.9333	0.95	1	1	3.303094
SU5_str	BOBJ1	225.9933	Before	Interior Girder 1	33.9333	0.95	1	1	2.468744
SU5_str	BOBJ1	225.9933	Before	Interior Girder 2	33.9333	0.95	1	1	2.353275
SU5_str	BOBJ1	225.9933	Before	Interior Girder 3	33.9333	0.95	1	1	2.287796
SU5_str	BOBJ1	225.9933	Before	Interior Girder 4	33.9333	0.95	1	1	2.287796
SU5_str	BOBJ1	225.9933	Before	Interior Girder 5	33.9333	0.95	1	1	2.353275
SU5_str	BOBJ1	225.9933	Before	Interior Girder 6	33.9333	0.95	1	1	2.468744
SU5_str	BOBJ1	225.9933	Before	Right Exterior Girder	33.9333	0.95	1	1	3.303094
SU5_str	BOBJ1	225.9933	After	Left Exterior Girder	33.9333	0.95	1	1	3.285065
SU5_str	BOBJ1	225.9933	After	Interior Girder 1	33.9333	0.95	1	1	2.479017
SU5_str	BOBJ1	225.9933	After	Interior Girder 2	33.9333	0.95	1	1	2.355472
SU5_str	BOBJ1	225.9933	After	Interior Girder 3	33.9333	0.95	1	1	2.282828

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelINonCompStrgth-Flx - Approach, Span 12-1									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
SU5_str	BOBJ1	225.9933	After	Interior Girder 4	33.9333	0.95	1	1	2.282828
SU5_str	BOBJ1	225.9933	After	Interior Girder 5	33.9333	0.95	1	1	2.355472
SU5_str	BOBJ1	225.9933	After	Interior Girder 6	33.9333	0.95	1	1	2.479017
SU5_str	BOBJ1	225.9933	After	Right Exterior Girder	33.9333	0.95	1	1	3.285065
SU5_str	BOBJ1	231.61	Before	Left Exterior Girder	39.55	0.95	1	1	3.498699
SU5_str	BOBJ1	231.61	Before	Interior Girder 1	39.55	0.95	1	1	2.744993
SU5_str	BOBJ1	231.61	Before	Interior Girder 2	39.55	0.95	1	1	2.595598
SU5_str	BOBJ1	231.61	Before	Interior Girder 3	39.55	0.95	1	1	2.511383
SU5_str	BOBJ1	231.61	Before	Interior Girder 4	39.55	0.95	1	1	2.511383
SU5_str	BOBJ1	231.61	Before	Interior Girder 5	39.55	0.95	1	1	2.595598
SU5_str	BOBJ1	231.61	Before	Interior Girder 6	39.55	0.95	1	1	2.744993
SU5_str	BOBJ1	231.61	Before	Right Exterior Girder	39.55	0.95	1	1	3.498699
SU5_str	BOBJ1	231.61	After	Left Exterior Girder	39.55	0.95	1	1	3.488606
SU5_str	BOBJ1	231.61	After	Interior Girder 1	39.55	0.95	1	1	2.748429
SU5_str	BOBJ1	231.61	After	Interior Girder 2	39.55	0.95	1	1	2.576489
SU5_str	BOBJ1	231.61	After	Interior Girder 3	39.55	0.95	1	1	2.483587
SU5_str	BOBJ1	231.61	After	Interior Girder 4	39.55	0.95	1	1	2.483587
SU5_str	BOBJ1	231.61	After	Interior Girder 5	39.55	0.95	1	1	2.576489
SU5_str	BOBJ1	231.61	After	Interior Girder 6	39.55	0.95	1	1	2.748429
SU5_str	BOBJ1	231.61	After	Right Exterior Girder	39.55	0.95	1	1	3.488606
SU5_str	BOBJ1	237.37	Before	Left Exterior Girder	45.31	0.95	1	1	4.802613
SU5_str	BOBJ1	237.37	Before	Interior Girder 1	45.31	0.95	1	1	3.379904
SU5_str	BOBJ1	237.37	Before	Interior Girder 2	45.31	0.95	1	1	3.193547
SU5_str	BOBJ1	237.37	Before	Interior Girder 3	45.31	0.95	1	1	3.023767
SU5_str	BOBJ1	237.37	Before	Interior Girder 4	45.31	0.95	1	1	3.023767
SU5_str	BOBJ1	237.37	Before	Interior Girder 5	45.31	0.95	1	1	3.193547
SU5_str	BOBJ1	237.37	Before	Interior Girder 6	45.31	0.95	1	1	3.379904
SU5_str	BOBJ1	237.37	Before	Right Exterior Girder	45.31	0.95	1	1	4.802613
SU5_str	BOBJ1	237.37	After	Left Exterior Girder	45.31	0.95	1	1	4.822669
SU5_str	BOBJ1	237.37	After	Interior Girder 1	45.31	0.95	1	1	3.367047
SU5_str	BOBJ1	237.37	After	Interior Girder 2	45.31	0.95	1	1	3.13766
SU5_str	BOBJ1	237.37	After	Interior Girder 3	45.31	0.95	1	1	2.931886
SU5_str	BOBJ1	237.37	After	Interior Girder 4	45.31	0.95	1	1	2.931886
SU5_str	BOBJ1	237.37	After	Interior Girder 5	45.31	0.95	1	1	3.13766
SU5_str	BOBJ1	237.37	After	Interior Girder 6	45.31	0.95	1	1	3.367047
SU5_str	BOBJ1	237.37	After	Right Exterior Girder	45.31	0.95	1	1	4.822669
SU5_str	BOBJ1	243.13	Before	Left Exterior Girder	51.07	0.95	1	1	9.370509
SU5_str	BOBJ1	243.13	Before	Interior Girder 1	51.07	0.95	1	1	5.653617
SU5_str	BOBJ1	243.13	Before	Interior Girder 2	51.07	0.95	1	1	5.343392
SU5_str	BOBJ1	243.13	Before	Interior Girder 3	51.07	0.95	1	1	4.773578
SU5_str	BOBJ1	243.13	Before	Interior Girder 4	51.07	0.95	1	1	4.773578
SU5_str	BOBJ1	243.13	Before	Interior Girder 5	51.07	0.95	1	1	5.343392
SU5_str	BOBJ1	243.13	Before	Interior Girder 6	51.07	0.95	1	1	5.653617
SU5_str	BOBJ1	243.13	Before	Right Exterior Girder	51.07	0.95	1	1	9.370509
SU5_str	BOBJ1	243.13	After	Left Exterior Girder	51.07	0.95	1	1	9.322916
SU5_str	BOBJ1	243.13	After	Interior Girder 1	51.07	0.95	1	1	5.58756
SU5_str	BOBJ1	243.13	After	Interior Girder 2	51.07	0.95	1	1	5.221022
SU5_str	BOBJ1	243.13	After	Interior Girder 3	51.07	0.95	1	1	4.528187
SU5_str	BOBJ1	243.13	After	Interior Girder 4	51.07	0.95	1	1	4.528187
SU5_str	BOBJ1	243.13	After	Interior Girder 5	51.07	0.95	1	1	5.221022
SU5_str	BOBJ1	243.13	After	Interior Girder 6	51.07	0.95	1	1	5.58756
SU5_str	BOBJ1	243.13	After	Right Exterior Girder	51.07	0.95	1	1	9.322916
SU5_str	BOBJ1	248.89	Before	Left Exterior Girder	56.83	0.95	1	1	451.814738
SU5_str	BOBJ1	248.89	Before	Interior Girder 1	56.83	0.95	1	1	398.582019
SU5_str	BOBJ1	248.89	Before	Interior Girder 2	56.83	0.95	1	1	248.773833
SU5_str	BOBJ1	248.89	Before	Interior Girder 3	56.83	0.95	1	1	194.276011
SU5_str	BOBJ1	248.89	Before	Interior Girder 4	56.83	0.95	1	1	194.276011
SU5_str	BOBJ1	248.89	Before	Interior Girder 5	56.83	0.95	1	1	248.773833
SU5_str	BOBJ1	248.89	Before	Interior Girder 6	56.83	0.95	1	1	398.582019
SU5_str	BOBJ1	248.89	Before	Right Exterior Girder	56.83	0.95	1	1	451.814738
SU6_str	BOBJ1	0	After	Left Exterior Girder	0	0.95	1	1	238.485512
SU6_str	BOBJ1	0	After	Interior Girder 1	0	0.95	1	1	219.710357
SU6_str	BOBJ1	0	After	Interior Girder 2	0	0.95	1	1	158.457265
SU6_str	BOBJ1	0	After	Interior Girder 3	0	0.95	1	1	128.923741
SU6_str	BOBJ1	0	After	Interior Girder 4	0	0.95	1	1	128.923741

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelINonCompStrgth-Flx - Approach, Span 12-1									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
SU6_str	BOBJ1	0	After	Interior Girder 5	0	0.95	1	1	158.457265
SU6_str	BOBJ1	0	After	Interior Girder 6	0	0.95	1	1	219.710357
SU6_str	BOBJ1	0	After	Right Exterior Girder	0	0.95	1	1	238.485512
SU6_str	BOBJ1	5.85	Before	Left Exterior Girder	5.85	0.95	1	1	6.245789
SU6_str	BOBJ1	5.85	Before	Interior Girder 1	5.85	0.95	1	1	4.37016
SU6_str	BOBJ1	5.85	Before	Interior Girder 2	5.85	0.95	1	1	4.018327
SU6_str	BOBJ1	5.85	Before	Interior Girder 3	5.85	0.95	1	1	3.567392
SU6_str	BOBJ1	5.85	Before	Interior Girder 4	5.85	0.95	1	1	3.567392
SU6_str	BOBJ1	5.85	Before	Interior Girder 5	5.85	0.95	1	1	4.018327
SU6_str	BOBJ1	5.85	Before	Interior Girder 6	5.85	0.95	1	1	4.37016
SU6_str	BOBJ1	5.85	Before	Right Exterior Girder	5.85	0.95	1	1	6.245789
SU6_str	BOBJ1	5.85	After	Left Exterior Girder	5.85	0.95	1	1	6.23322
SU6_str	BOBJ1	5.85	After	Interior Girder 1	5.85	0.95	1	1	4.382672
SU6_str	BOBJ1	5.85	After	Interior Girder 2	5.85	0.95	1	1	4.074955
SU6_str	BOBJ1	5.85	After	Interior Girder 3	5.85	0.95	1	1	3.732538
SU6_str	BOBJ1	5.85	After	Interior Girder 4	5.85	0.95	1	1	3.732538
SU6_str	BOBJ1	5.85	After	Interior Girder 5	5.85	0.95	1	1	4.074955
SU6_str	BOBJ1	5.85	After	Interior Girder 6	5.85	0.95	1	1	4.382672
SU6_str	BOBJ1	5.85	After	Right Exterior Girder	5.85	0.95	1	1	6.23322
SU6_str	BOBJ1	11.4667	Before	Left Exterior Girder	11.4667	0.95	1	1	3.330593
SU6_str	BOBJ1	11.4667	Before	Interior Girder 1	11.4667	0.95	1	1	2.370826
SU6_str	BOBJ1	11.4667	Before	Interior Girder 2	11.4667	0.95	1	1	2.229505
SU6_str	BOBJ1	11.4667	Before	Interior Girder 3	11.4667	0.95	1	1	2.074842
SU6_str	BOBJ1	11.4667	Before	Interior Girder 4	11.4667	0.95	1	1	2.074842
SU6_str	BOBJ1	11.4667	Before	Interior Girder 5	11.4667	0.95	1	1	2.229505
SU6_str	BOBJ1	11.4667	Before	Interior Girder 6	11.4667	0.95	1	1	2.370826
SU6_str	BOBJ1	11.4667	Before	Right Exterior Girder	11.4667	0.95	1	1	3.330593
SU6_str	BOBJ1	11.4667	After	Left Exterior Girder	11.4667	0.95	1	1	3.367815
SU6_str	BOBJ1	11.4667	After	Interior Girder 1	11.4667	0.95	1	1	2.354932
SU6_str	BOBJ1	11.4667	After	Interior Girder 2	11.4667	0.95	1	1	2.249977
SU6_str	BOBJ1	11.4667	After	Interior Girder 3	11.4667	0.95	1	1	2.12693
SU6_str	BOBJ1	11.4667	After	Interior Girder 4	11.4667	0.95	1	1	2.12693
SU6_str	BOBJ1	11.4667	After	Interior Girder 5	11.4667	0.95	1	1	2.249977
SU6_str	BOBJ1	11.4667	After	Interior Girder 6	11.4667	0.95	1	1	2.354932
SU6_str	BOBJ1	11.4667	After	Right Exterior Girder	11.4667	0.95	1	1	3.367815
SU6_str	BOBJ1	17.0833	Before	Left Exterior Girder	17.0833	0.95	1	1	2.48143
SU6_str	BOBJ1	17.0833	Before	Interior Girder 1	17.0833	0.95	1	1	1.882186
SU6_str	BOBJ1	17.0833	Before	Interior Girder 2	17.0833	0.95	1	1	1.788242
SU6_str	BOBJ1	17.0833	Before	Interior Girder 3	17.0833	0.95	1	1	1.718915
SU6_str	BOBJ1	17.0833	Before	Interior Girder 4	17.0833	0.95	1	1	1.718915
SU6_str	BOBJ1	17.0833	Before	Interior Girder 5	17.0833	0.95	1	1	1.788242
SU6_str	BOBJ1	17.0833	Before	Interior Girder 6	17.0833	0.95	1	1	1.882186
SU6_str	BOBJ1	17.0833	Before	Right Exterior Girder	17.0833	0.95	1	1	2.48143
SU6_str	BOBJ1	17.0833	After	Left Exterior Girder	17.0833	0.95	1	1	2.478356
SU6_str	BOBJ1	17.0833	After	Interior Girder 1	17.0833	0.95	1	1	1.881477
SU6_str	BOBJ1	17.0833	After	Interior Girder 2	17.0833	0.95	1	1	1.804098
SU6_str	BOBJ1	17.0833	After	Interior Girder 3	17.0833	0.95	1	1	1.737641
SU6_str	BOBJ1	17.0833	After	Interior Girder 4	17.0833	0.95	1	1	1.737641
SU6_str	BOBJ1	17.0833	After	Interior Girder 5	17.0833	0.95	1	1	1.804098
SU6_str	BOBJ1	17.0833	After	Interior Girder 6	17.0833	0.95	1	1	1.881477
SU6_str	BOBJ1	17.0833	After	Right Exterior Girder	17.0833	0.95	1	1	2.478356
SU6_str	BOBJ1	22.7	Before	Left Exterior Girder	22.7	0.95	1	1	2.171769
SU6_str	BOBJ1	22.7	Before	Interior Girder 1	22.7	0.95	1	1	1.797835
SU6_str	BOBJ1	22.7	Before	Interior Girder 2	22.7	0.95	1	1	1.716503
SU6_str	BOBJ1	22.7	Before	Interior Girder 3	22.7	0.95	1	1	1.681776
SU6_str	BOBJ1	22.7	Before	Interior Girder 4	22.7	0.95	1	1	1.681776
SU6_str	BOBJ1	22.7	Before	Interior Girder 5	22.7	0.95	1	1	1.716503
SU6_str	BOBJ1	22.7	Before	Interior Girder 6	22.7	0.95	1	1	1.797835
SU6_str	BOBJ1	22.7	Before	Right Exterior Girder	22.7	0.95	1	1	2.171769
SU6_str	BOBJ1	22.7	After	Left Exterior Girder	22.7	0.95	1	1	2.181682
SU6_str	BOBJ1	22.7	After	Interior Girder 1	22.7	0.95	1	1	1.791467
SU6_str	BOBJ1	22.7	After	Interior Girder 2	22.7	0.95	1	1	1.716547
SU6_str	BOBJ1	22.7	After	Interior Girder 3	22.7	0.95	1	1	1.681298
SU6_str	BOBJ1	22.7	After	Interior Girder 4	22.7	0.95	1	1	1.681298
SU6_str	BOBJ1	22.7	After	Interior Girder 5	22.7	0.95	1	1	1.716547

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelINonCompStrgth-Flx - Approach, Span 12-1									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
SU6_str	BOBJ1	22.7	After	Interior Girder 6	22.7	0.95	1	1	1.791467
SU6_str	BOBJ1	22.7	After	Right Exterior Girder	22.7	0.95	1	1	2.181682
SU6_str	BOBJ1	28.3167	Before	Left Exterior Girder	28.3167	0.95	1	1	2.394359
SU6_str	BOBJ1	28.3167	Before	Interior Girder 1	28.3167	0.95	1	1	1.83051
SU6_str	BOBJ1	28.3167	Before	Interior Girder 2	28.3167	0.95	1	1	1.755526
SU6_str	BOBJ1	28.3167	Before	Interior Girder 3	28.3167	0.95	1	1	1.71411
SU6_str	BOBJ1	28.3167	Before	Interior Girder 4	28.3167	0.95	1	1	1.71411
SU6_str	BOBJ1	28.3167	Before	Interior Girder 5	28.3167	0.95	1	1	1.755526
SU6_str	BOBJ1	28.3167	Before	Interior Girder 6	28.3167	0.95	1	1	1.83051
SU6_str	BOBJ1	28.3167	Before	Right Exterior Girder	28.3167	0.95	1	1	2.394359
SU6_str	BOBJ1	28.3167	After	Left Exterior Girder	28.3167	0.95	1	1	2.402799
SU6_str	BOBJ1	28.3167	After	Interior Girder 1	28.3167	0.95	1	1	1.825477
SU6_str	BOBJ1	28.3167	After	Interior Girder 2	28.3167	0.95	1	1	1.74689
SU6_str	BOBJ1	28.3167	After	Interior Girder 3	28.3167	0.95	1	1	1.703442
SU6_str	BOBJ1	28.3167	After	Interior Girder 4	28.3167	0.95	1	1	1.703442
SU6_str	BOBJ1	28.3167	After	Interior Girder 5	28.3167	0.95	1	1	1.74689
SU6_str	BOBJ1	28.3167	After	Interior Girder 6	28.3167	0.95	1	1	1.825477
SU6_str	BOBJ1	28.3167	After	Right Exterior Girder	28.3167	0.95	1	1	2.402799
SU6_str	BOBJ1	33.9333	Before	Left Exterior Girder	33.9333	0.95	1	1	2.953416
SU6_str	BOBJ1	33.9333	Before	Interior Girder 1	33.9333	0.95	1	1	2.153079
SU6_str	BOBJ1	33.9333	Before	Interior Girder 2	33.9333	0.95	1	1	2.047743
SU6_str	BOBJ1	33.9333	Before	Interior Girder 3	33.9333	0.95	1	1	2.006709
SU6_str	BOBJ1	33.9333	Before	Interior Girder 4	33.9333	0.95	1	1	2.006709
SU6_str	BOBJ1	33.9333	Before	Interior Girder 5	33.9333	0.95	1	1	2.047743
SU6_str	BOBJ1	33.9333	Before	Interior Girder 6	33.9333	0.95	1	1	2.153079
SU6_str	BOBJ1	33.9333	Before	Right Exterior Girder	33.9333	0.95	1	1	2.953416
SU6_str	BOBJ1	33.9333	After	Left Exterior Girder	33.9333	0.95	1	1	2.916898
SU6_str	BOBJ1	33.9333	After	Interior Girder 1	33.9333	0.95	1	1	2.173558
SU6_str	BOBJ1	33.9333	After	Interior Girder 2	33.9333	0.95	1	1	2.051778
SU6_str	BOBJ1	33.9333	After	Interior Girder 3	33.9333	0.95	1	1	1.997905
SU6_str	BOBJ1	33.9333	After	Interior Girder 4	33.9333	0.95	1	1	1.997905
SU6_str	BOBJ1	33.9333	After	Interior Girder 5	33.9333	0.95	1	1	2.051778
SU6_str	BOBJ1	33.9333	After	Interior Girder 6	33.9333	0.95	1	1	2.173558
SU6_str	BOBJ1	33.9333	After	Right Exterior Girder	33.9333	0.95	1	1	2.916898
SU6_str	BOBJ1	39.55	Before	Left Exterior Girder	39.55	0.95	1	1	4.091869
SU6_str	BOBJ1	39.55	Before	Interior Girder 1	39.55	0.95	1	1	3.094584
SU6_str	BOBJ1	39.55	Before	Interior Girder 2	39.55	0.95	1	1	2.858971
SU6_str	BOBJ1	39.55	Before	Interior Girder 3	39.55	0.95	1	1	2.814151
SU6_str	BOBJ1	39.55	Before	Interior Girder 4	39.55	0.95	1	1	2.814151
SU6_str	BOBJ1	39.55	Before	Interior Girder 5	39.55	0.95	1	1	2.858971
SU6_str	BOBJ1	39.55	Before	Interior Girder 6	39.55	0.95	1	1	3.094584
SU6_str	BOBJ1	39.55	Before	Right Exterior Girder	39.55	0.95	1	1	4.091869
SU6_str	BOBJ1	39.55	After	Left Exterior Girder	39.55	0.95	1	1	4.075135
SU6_str	BOBJ1	39.55	After	Interior Girder 1	39.55	0.95	1	1	3.107873
SU6_str	BOBJ1	39.55	After	Interior Girder 2	39.55	0.95	1	1	2.845352
SU6_str	BOBJ1	39.55	After	Interior Girder 3	39.55	0.95	1	1	2.773754
SU6_str	BOBJ1	39.55	After	Interior Girder 4	39.55	0.95	1	1	2.773754
SU6_str	BOBJ1	39.55	After	Interior Girder 5	39.55	0.95	1	1	2.845352
SU6_str	BOBJ1	39.55	After	Interior Girder 6	39.55	0.95	1	1	3.107873
SU6_str	BOBJ1	39.55	After	Right Exterior Girder	39.55	0.95	1	1	4.075135
SU6_str	BOBJ1	45.1733	Before	Left Exterior Girder	45.1226	0.95	1	1	4.082043
SU6_str	BOBJ1	45.1733	Before	Interior Girder 1	45.1226	0.95	1	1	4.222122
SU6_str	BOBJ1	45.1733	Before	Interior Girder 2	45.1226	0.95	1	1	4.052367
SU6_str	BOBJ1	45.1733	Before	Interior Girder 3	45.1226	0.95	1	1	4.111446
SU6_str	BOBJ1	45.1733	Before	Interior Girder 4	45.1226	0.95	1	1	4.111446
SU6_str	BOBJ1	45.1733	Before	Interior Girder 5	45.1226	0.95	1	1	4.052367
SU6_str	BOBJ1	45.1733	Before	Interior Girder 6	45.1226	0.95	1	1	4.222122
SU6_str	BOBJ1	45.1733	Before	Right Exterior Girder	45.1226	0.95	1	1	4.082043
SU6_str	BOBJ1	45.1733	After	Left Exterior Girder	45.1226	0.95	1	1	3.265155
SU6_str	BOBJ1	45.1733	After	Interior Girder 1	45.1226	0.95	1	1	3.369549
SU6_str	BOBJ1	45.1733	After	Interior Girder 2	45.1226	0.95	1	1	3.218448
SU6_str	BOBJ1	45.1733	After	Interior Girder 3	45.1226	0.95	1	1	3.283267
SU6_str	BOBJ1	45.1733	After	Interior Girder 4	45.1226	0.95	1	1	3.283267
SU6_str	BOBJ1	45.1733	After	Interior Girder 5	45.1226	0.95	1	1	3.218448
SU6_str	BOBJ1	45.1733	After	Interior Girder 6	45.1226	0.95	1	1	3.369549

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelINonCompStrgth-Flx - Approach, Span 12-1									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
SU6_str	BOBJ1	45.1733	After	Right Exterior Girder	45.1226	0.95	1	1	3.265155
SU6_str	BOBJ1	49.2561	Before	Left Exterior Girder	49.2561	0.95	1	1	2.306786
SU6_str	BOBJ1	49.2561	Before	Right Exterior Girder	49.2561	0.95	1	1	2.306786
SU6_str	BOBJ1	49.2561	After	Left Exterior Girder	49.2561	0.95	1	1	2.343749
SU6_str	BOBJ1	49.2561	After	Right Exterior Girder	49.2561	0.95	1	1	2.343749
SU6_str	BOBJ1	50.7967	Before	Left Exterior Girder	50.7967	0.95	1	1	4.907976
SU6_str	BOBJ1	50.7967	Before	Interior Girder 1	50.7967	0.95	1	1	2.37384
SU6_str	BOBJ1	50.7967	Before	Interior Girder 2	50.7967	0.95	1	1	2.270242
SU6_str	BOBJ1	50.7967	Before	Interior Girder 3	50.7967	0.95	1	1	2.156059
SU6_str	BOBJ1	50.7967	Before	Interior Girder 4	50.7967	0.95	1	1	2.156059
SU6_str	BOBJ1	50.7967	Before	Interior Girder 5	50.7967	0.95	1	1	2.270242
SU6_str	BOBJ1	50.7967	Before	Interior Girder 6	50.7967	0.95	1	1	2.37384
SU6_str	BOBJ1	50.7967	Before	Right Exterior Girder	50.7967	0.95	1	1	4.907976
SU6_str	BOBJ1	50.7967	After	Left Exterior Girder	50.7967	0.95	1	1	4.876812
SU6_str	BOBJ1	50.7967	After	Interior Girder 1	50.7967	0.95	1	1	2.36772
SU6_str	BOBJ1	50.7967	After	Interior Girder 2	50.7967	0.95	1	1	2.25361
SU6_str	BOBJ1	50.7967	After	Interior Girder 3	50.7967	0.95	1	1	2.149004
SU6_str	BOBJ1	50.7967	After	Interior Girder 4	50.7967	0.95	1	1	2.149004
SU6_str	BOBJ1	50.7967	After	Interior Girder 5	50.7967	0.95	1	1	2.25361
SU6_str	BOBJ1	50.7967	After	Interior Girder 6	50.7967	0.95	1	1	2.36772
SU6_str	BOBJ1	50.7967	After	Right Exterior Girder	50.7967	0.95	1	1	4.876812
SU6_str	BOBJ1	51.3989	Before	Interior Girder 1	51.3989	0.95	1	1	2.25274
SU6_str	BOBJ1	51.3989	Before	Interior Girder 2	51.3989	0.95	1	1	2.16154
SU6_str	BOBJ1	51.3989	Before	Interior Girder 3	51.3989	0.95	1	1	2.040111
SU6_str	BOBJ1	51.3989	Before	Interior Girder 4	51.3989	0.95	1	1	2.040111
SU6_str	BOBJ1	51.3989	Before	Interior Girder 5	51.3989	0.95	1	1	2.16154
SU6_str	BOBJ1	51.3989	Before	Interior Girder 6	51.3989	0.95	1	1	2.25274
SU6_str	BOBJ1	51.3989	After	Interior Girder 1	51.3989	0.95	1	1	3.442234
SU6_str	BOBJ1	51.3989	After	Interior Girder 2	51.3989	0.95	1	1	3.26306
SU6_str	BOBJ1	51.3989	After	Interior Girder 3	51.3989	0.95	1	1	3.12284
SU6_str	BOBJ1	51.3989	After	Interior Girder 4	51.3989	0.95	1	1	3.12284
SU6_str	BOBJ1	51.3989	After	Interior Girder 5	51.3989	0.95	1	1	3.26306
SU6_str	BOBJ1	51.3989	After	Interior Girder 6	51.3989	0.95	1	1	3.442234
SU6_str	BOBJ1	56.42	Before	Left Exterior Girder	56.42	0.95	1	1	3.39383
SU6_str	BOBJ1	56.42	Before	Interior Girder 1	56.42	0.95	1	1	2.468994
SU6_str	BOBJ1	56.42	Before	Interior Girder 2	56.42	0.95	1	1	2.290848
SU6_str	BOBJ1	56.42	Before	Interior Girder 3	56.42	0.95	1	1	1.930119
SU6_str	BOBJ1	56.42	Before	Interior Girder 4	56.42	0.95	1	1	1.930119
SU6_str	BOBJ1	56.42	Before	Interior Girder 5	56.42	0.95	1	1	2.290848
SU6_str	BOBJ1	56.42	Before	Interior Girder 6	56.42	0.95	1	1	2.468994
SU6_str	BOBJ1	56.42	Before	Right Exterior Girder	56.42	0.95	1	1	3.39383
SU6_str	BOBJ1	56.42	After	Left Exterior Girder	0	0.95	1	1	3.489616
SU6_str	BOBJ1	56.42	After	Interior Girder 1	0	0.95	1	1	2.23696
SU6_str	BOBJ1	56.42	After	Interior Girder 2	0	0.95	1	1	2.141833
SU6_str	BOBJ1	56.42	After	Interior Girder 3	0	0.95	1	1	1.810792
SU6_str	BOBJ1	56.42	After	Interior Girder 4	0	0.95	1	1	1.810792
SU6_str	BOBJ1	56.42	After	Interior Girder 5	0	0.95	1	1	2.141833
SU6_str	BOBJ1	56.42	After	Interior Girder 6	0	0.95	1	1	2.23696
SU6_str	BOBJ1	56.42	After	Right Exterior Girder	0	0.95	1	1	3.489616
SU6_str	BOBJ1	62.0367	Before	Left Exterior Girder	5.6167	0.95	1	1	6.254092
SU6_str	BOBJ1	62.0367	Before	Interior Girder 1	5.6167	0.95	1	1	4.326968
SU6_str	BOBJ1	62.0367	Before	Interior Girder 2	5.6167	0.95	1	1	4.029519
SU6_str	BOBJ1	62.0367	Before	Interior Girder 3	5.6167	0.95	1	1	3.777973
SU6_str	BOBJ1	62.0367	Before	Interior Girder 4	5.6167	0.95	1	1	3.777973
SU6_str	BOBJ1	62.0367	Before	Interior Girder 5	5.6167	0.95	1	1	4.029519
SU6_str	BOBJ1	62.0367	Before	Interior Girder 6	5.6167	0.95	1	1	4.326968
SU6_str	BOBJ1	62.0367	Before	Right Exterior Girder	5.6167	0.95	1	1	6.254092
SU6_str	BOBJ1	62.0367	After	Left Exterior Girder	5.6167	0.95	1	1	6.184896
SU6_str	BOBJ1	62.0367	After	Interior Girder 1	5.6167	0.95	1	1	4.403051
SU6_str	BOBJ1	62.0367	After	Interior Girder 2	5.6167	0.95	1	1	4.096122
SU6_str	BOBJ1	62.0367	After	Interior Girder 3	5.6167	0.95	1	1	3.843146
SU6_str	BOBJ1	62.0367	After	Interior Girder 4	5.6167	0.95	1	1	3.843146
SU6_str	BOBJ1	62.0367	After	Interior Girder 5	5.6167	0.95	1	1	4.096122
SU6_str	BOBJ1	62.0367	After	Interior Girder 6	5.6167	0.95	1	1	4.403051
SU6_str	BOBJ1	62.0367	After	Right Exterior Girder	5.6167	0.95	1	1	6.184896

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelINonCompStrgth-Flx - Approach, Span 12-1									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
SU6_str	BOBJ1	62.4203	Before	Interior Girder 1	6.0003	0.95	1	1	4.502441
SU6_str	BOBJ1	62.4203	Before	Interior Girder 2	6.0003	0.95	1	1	4.179448
SU6_str	BOBJ1	62.4203	Before	Interior Girder 3	6.0003	0.95	1	1	3.94383
SU6_str	BOBJ1	62.4203	Before	Interior Girder 4	6.0003	0.95	1	1	3.94383
SU6_str	BOBJ1	62.4203	Before	Interior Girder 5	6.0003	0.95	1	1	4.179448
SU6_str	BOBJ1	62.4203	Before	Interior Girder 6	6.0003	0.95	1	1	4.502441
SU6_str	BOBJ1	62.4203	After	Interior Girder 1	6.0003	0.95	1	1	2.952571
SU6_str	BOBJ1	62.4203	After	Interior Girder 2	6.0003	0.95	1	1	2.785878
SU6_str	BOBJ1	62.4203	After	Interior Girder 3	6.0003	0.95	1	1	2.587334
SU6_str	BOBJ1	62.4203	After	Interior Girder 4	6.0003	0.95	1	1	2.587334
SU6_str	BOBJ1	62.4203	After	Interior Girder 5	6.0003	0.95	1	1	2.785878
SU6_str	BOBJ1	62.4203	After	Interior Girder 6	6.0003	0.95	1	1	2.952571
SU6_str	BOBJ1	64.9204	Before	Left Exterior Girder	8.5004	0.95	1	1	7.178706
SU6_str	BOBJ1	64.9204	Before	Right Exterior Girder	8.5004	0.95	1	1	7.178706
SU6_str	BOBJ1	64.9204	After	Left Exterior Girder	8.5004	0.95	1	1	3.242909
SU6_str	BOBJ1	64.9204	After	Right Exterior Girder	8.5004	0.95	1	1	3.242909
SU6_str	BOBJ1	67.6533	Before	Left Exterior Girder	11.2333	0.95	1	1	4.038873
SU6_str	BOBJ1	67.6533	Before	Interior Girder 1	11.2333	0.95	1	1	4.083254
SU6_str	BOBJ1	67.6533	Before	Interior Girder 2	11.2333	0.95	1	1	3.845253
SU6_str	BOBJ1	67.6533	Before	Interior Girder 3	11.2333	0.95	1	1	3.843934
SU6_str	BOBJ1	67.6533	Before	Interior Girder 4	11.2333	0.95	1	1	3.843934
SU6_str	BOBJ1	67.6533	Before	Interior Girder 5	11.2333	0.95	1	1	3.845253
SU6_str	BOBJ1	67.6533	Before	Interior Girder 6	11.2333	0.95	1	1	4.083254
SU6_str	BOBJ1	67.6533	Before	Right Exterior Girder	11.2333	0.95	1	1	4.038873
SU6_str	BOBJ1	67.6533	After	Left Exterior Girder	11.2333	0.95	1	1	3.996386
SU6_str	BOBJ1	67.6533	After	Interior Girder 1	11.2333	0.95	1	1	4.121377
SU6_str	BOBJ1	67.6533	After	Interior Girder 2	11.2333	0.95	1	1	3.901726
SU6_str	BOBJ1	67.6533	After	Interior Girder 3	11.2333	0.95	1	1	3.881818
SU6_str	BOBJ1	67.6533	After	Interior Girder 4	11.2333	0.95	1	1	3.881818
SU6_str	BOBJ1	67.6533	After	Interior Girder 5	11.2333	0.95	1	1	3.901726
SU6_str	BOBJ1	67.6533	After	Interior Girder 6	11.2333	0.95	1	1	4.121377
SU6_str	BOBJ1	67.6533	After	Right Exterior Girder	11.2333	0.95	1	1	3.996386
SU6_str	BOBJ1	73.27	Before	Left Exterior Girder	16.85	0.95	1	1	3.986485
SU6_str	BOBJ1	73.27	Before	Interior Girder 1	16.85	0.95	1	1	3.007262
SU6_str	BOBJ1	73.27	Before	Interior Girder 2	16.85	0.95	1	1	2.724976
SU6_str	BOBJ1	73.27	Before	Interior Girder 3	16.85	0.95	1	1	2.629333
SU6_str	BOBJ1	73.27	Before	Interior Girder 4	16.85	0.95	1	1	2.629333
SU6_str	BOBJ1	73.27	Before	Interior Girder 5	16.85	0.95	1	1	2.724976
SU6_str	BOBJ1	73.27	Before	Interior Girder 6	16.85	0.95	1	1	3.007262
SU6_str	BOBJ1	73.27	Before	Right Exterior Girder	16.85	0.95	1	1	3.986485
SU6_str	BOBJ1	73.27	After	Left Exterior Girder	16.85	0.95	1	1	4.044031
SU6_str	BOBJ1	73.27	After	Interior Girder 1	16.85	0.95	1	1	2.971884
SU6_str	BOBJ1	73.27	After	Interior Girder 2	16.85	0.95	1	1	2.720542
SU6_str	BOBJ1	73.27	After	Interior Girder 3	16.85	0.95	1	1	2.659276
SU6_str	BOBJ1	73.27	After	Interior Girder 4	16.85	0.95	1	1	2.659276
SU6_str	BOBJ1	73.27	After	Interior Girder 5	16.85	0.95	1	1	2.720542
SU6_str	BOBJ1	73.27	After	Interior Girder 6	16.85	0.95	1	1	2.971884
SU6_str	BOBJ1	73.27	After	Right Exterior Girder	16.85	0.95	1	1	4.044031
SU6_str	BOBJ1	78.8867	Before	Left Exterior Girder	22.4667	0.95	1	1	2.700594
SU6_str	BOBJ1	78.8867	Before	Interior Girder 1	22.4667	0.95	1	1	2.033811
SU6_str	BOBJ1	78.8867	Before	Interior Girder 2	22.4667	0.95	1	1	1.910328
SU6_str	BOBJ1	78.8867	Before	Interior Girder 3	22.4667	0.95	1	1	1.848792
SU6_str	BOBJ1	78.8867	Before	Interior Girder 4	22.4667	0.95	1	1	1.848792
SU6_str	BOBJ1	78.8867	Before	Interior Girder 5	22.4667	0.95	1	1	1.910328
SU6_str	BOBJ1	78.8867	Before	Interior Girder 6	22.4667	0.95	1	1	2.033811
SU6_str	BOBJ1	78.8867	Before	Right Exterior Girder	22.4667	0.95	1	1	2.700594
SU6_str	BOBJ1	78.8867	After	Left Exterior Girder	22.4667	0.95	1	1	2.743709
SU6_str	BOBJ1	78.8867	After	Interior Girder 1	22.4667	0.95	1	1	2.010472
SU6_str	BOBJ1	78.8867	After	Interior Girder 2	22.4667	0.95	1	1	1.902749
SU6_str	BOBJ1	78.8867	After	Interior Girder 3	22.4667	0.95	1	1	1.856905
SU6_str	BOBJ1	78.8867	After	Interior Girder 4	22.4667	0.95	1	1	1.856905
SU6_str	BOBJ1	78.8867	After	Interior Girder 5	22.4667	0.95	1	1	1.902749
SU6_str	BOBJ1	78.8867	After	Interior Girder 6	22.4667	0.95	1	1	2.010472
SU6_str	BOBJ1	78.8867	After	Right Exterior Girder	22.4667	0.95	1	1	2.743709
SU6_str	BOBJ1	84.5033	Before	Left Exterior Girder	28.0833	0.95	1	1	2.12789

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelINonCompStrgth-Flx - Approach, Span 12-1									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
SU6_str	BOBJ1	84.5033	Before	Interior Girder 1	28.0833	0.95	1	1	1.677419
SU6_str	BOBJ1	84.5033	Before	Interior Girder 2	28.0833	0.95	1	1	1.600483
SU6_str	BOBJ1	84.5033	Before	Interior Girder 3	28.0833	0.95	1	1	1.562394
SU6_str	BOBJ1	84.5033	Before	Interior Girder 4	28.0833	0.95	1	1	1.562394
SU6_str	BOBJ1	84.5033	Before	Interior Girder 5	28.0833	0.95	1	1	1.600483
SU6_str	BOBJ1	84.5033	Before	Interior Girder 6	28.0833	0.95	1	1	1.677419
SU6_str	BOBJ1	84.5033	Before	Right Exterior Girder	28.0833	0.95	1	1	2.12789
SU6_str	BOBJ1	84.5033	After	Left Exterior Girder	28.0833	0.95	1	1	2.127652
SU6_str	BOBJ1	84.5033	After	Interior Girder 1	28.0833	0.95	1	1	1.679098
SU6_str	BOBJ1	84.5033	After	Interior Girder 2	28.0833	0.95	1	1	1.607648
SU6_str	BOBJ1	84.5033	After	Interior Girder 3	28.0833	0.95	1	1	1.571093
SU6_str	BOBJ1	84.5033	After	Interior Girder 4	28.0833	0.95	1	1	1.571093
SU6_str	BOBJ1	84.5033	After	Interior Girder 5	28.0833	0.95	1	1	1.607648
SU6_str	BOBJ1	84.5033	After	Interior Girder 6	28.0833	0.95	1	1	1.679098
SU6_str	BOBJ1	84.5033	After	Right Exterior Girder	28.0833	0.95	1	1	2.127652
SU6_str	BOBJ1	90.12	Before	Left Exterior Girder	33.7	0.95	1	1	1.895106
SU6_str	BOBJ1	90.12	Before	Interior Girder 1	33.7	0.95	1	1	1.649755
SU6_str	BOBJ1	90.12	Before	Interior Girder 2	33.7	0.95	1	1	1.577909
SU6_str	BOBJ1	90.12	Before	Interior Girder 3	33.7	0.95	1	1	1.552613
SU6_str	BOBJ1	90.12	Before	Interior Girder 4	33.7	0.95	1	1	1.552613
SU6_str	BOBJ1	90.12	Before	Interior Girder 5	33.7	0.95	1	1	1.577909
SU6_str	BOBJ1	90.12	Before	Interior Girder 6	33.7	0.95	1	1	1.649755
SU6_str	BOBJ1	90.12	Before	Right Exterior Girder	33.7	0.95	1	1	1.895106
SU6_str	BOBJ1	90.12	After	Left Exterior Girder	33.7	0.95	1	1	1.90195
SU6_str	BOBJ1	90.12	After	Interior Girder 1	33.7	0.95	1	1	1.645486
SU6_str	BOBJ1	90.12	After	Interior Girder 2	33.7	0.95	1	1	1.574703
SU6_str	BOBJ1	90.12	After	Interior Girder 3	33.7	0.95	1	1	1.548712
SU6_str	BOBJ1	90.12	After	Interior Girder 4	33.7	0.95	1	1	1.548712
SU6_str	BOBJ1	90.12	After	Interior Girder 5	33.7	0.95	1	1	1.574703
SU6_str	BOBJ1	90.12	After	Interior Girder 6	33.7	0.95	1	1	1.645486
SU6_str	BOBJ1	90.12	After	Right Exterior Girder	33.7	0.95	1	1	1.90195
SU6_str	BOBJ1	95.7367	Before	Left Exterior Girder	39.3167	0.95	1	1	2.10932
SU6_str	BOBJ1	95.7367	Before	Interior Girder 1	39.3167	0.95	1	1	1.668207
SU6_str	BOBJ1	95.7367	Before	Interior Girder 2	39.3167	0.95	1	1	1.597701
SU6_str	BOBJ1	95.7367	Before	Interior Girder 3	39.3167	0.95	1	1	1.563217
SU6_str	BOBJ1	95.7367	Before	Interior Girder 4	39.3167	0.95	1	1	1.563217
SU6_str	BOBJ1	95.7367	Before	Interior Girder 5	39.3167	0.95	1	1	1.597701
SU6_str	BOBJ1	95.7367	Before	Interior Girder 6	39.3167	0.95	1	1	1.668207
SU6_str	BOBJ1	95.7367	Before	Right Exterior Girder	39.3167	0.95	1	1	2.10932
SU6_str	BOBJ1	95.7367	After	Left Exterior Girder	39.3167	0.95	1	1	2.111136
SU6_str	BOBJ1	95.7367	After	Interior Girder 1	39.3167	0.95	1	1	1.665856
SU6_str	BOBJ1	95.7367	After	Interior Girder 2	39.3167	0.95	1	1	1.59077
SU6_str	BOBJ1	95.7367	After	Interior Girder 3	39.3167	0.95	1	1	1.554836
SU6_str	BOBJ1	95.7367	After	Interior Girder 4	39.3167	0.95	1	1	1.554836
SU6_str	BOBJ1	95.7367	After	Interior Girder 5	39.3167	0.95	1	1	1.59077
SU6_str	BOBJ1	95.7367	After	Interior Girder 6	39.3167	0.95	1	1	1.665856
SU6_str	BOBJ1	95.7367	After	Right Exterior Girder	39.3167	0.95	1	1	2.111136
SU6_str	BOBJ1	101.3533	Before	Left Exterior Girder	44.9333	0.95	1	1	2.680533
SU6_str	BOBJ1	101.3533	Before	Interior Girder 1	44.9333	0.95	1	1	1.9877
SU6_str	BOBJ1	101.3533	Before	Interior Girder 2	44.9333	0.95	1	1	1.881429
SU6_str	BOBJ1	101.3533	Before	Interior Girder 3	44.9333	0.95	1	1	1.841991
SU6_str	BOBJ1	101.3533	Before	Interior Girder 4	44.9333	0.95	1	1	1.841991
SU6_str	BOBJ1	101.3533	Before	Interior Girder 5	44.9333	0.95	1	1	1.881429
SU6_str	BOBJ1	101.3533	Before	Interior Girder 6	44.9333	0.95	1	1	1.9877
SU6_str	BOBJ1	101.3533	Before	Right Exterior Girder	44.9333	0.95	1	1	2.680533
SU6_str	BOBJ1	101.3533	After	Left Exterior Girder	44.9333	0.95	1	1	2.640032
SU6_str	BOBJ1	101.3533	After	Interior Girder 1	44.9333	0.95	1	1	2.009895
SU6_str	BOBJ1	101.3533	After	Interior Girder 2	44.9333	0.95	1	1	1.889649
SU6_str	BOBJ1	101.3533	After	Interior Girder 3	44.9333	0.95	1	1	1.834774
SU6_str	BOBJ1	101.3533	After	Interior Girder 4	44.9333	0.95	1	1	1.834774
SU6_str	BOBJ1	101.3533	After	Interior Girder 5	44.9333	0.95	1	1	1.889649
SU6_str	BOBJ1	101.3533	After	Interior Girder 6	44.9333	0.95	1	1	2.009895
SU6_str	BOBJ1	101.3533	After	Right Exterior Girder	44.9333	0.95	1	1	2.640032
SU6_str	BOBJ1	106.97	Before	Left Exterior Girder	50.55	0.95	1	1	3.866053
SU6_str	BOBJ1	106.97	Before	Interior Girder 1	50.55	0.95	1	1	2.913782

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelINonCompStrgth-Flx - Approach, Span 12-1									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
SU6_str	BOBJ1	106.97	Before	Interior Girder 2	50.55	0.95	1	1	2.668695
SU6_str	BOBJ1	106.97	Before	Interior Girder 3	50.55	0.95	1	1	2.62132
SU6_str	BOBJ1	106.97	Before	Interior Girder 4	50.55	0.95	1	1	2.62132
SU6_str	BOBJ1	106.97	Before	Interior Girder 5	50.55	0.95	1	1	2.668695
SU6_str	BOBJ1	106.97	Before	Interior Girder 6	50.55	0.95	1	1	2.913782
SU6_str	BOBJ1	106.97	Before	Right Exterior Girder	50.55	0.95	1	1	3.866053
SU6_str	BOBJ1	106.97	After	Left Exterior Girder	50.55	0.95	1	1	3.846006
SU6_str	BOBJ1	106.97	After	Interior Girder 1	50.55	0.95	1	1	2.929182
SU6_str	BOBJ1	106.97	After	Interior Girder 2	50.55	0.95	1	1	2.663015
SU6_str	BOBJ1	106.97	After	Interior Girder 3	50.55	0.95	1	1	2.581544
SU6_str	BOBJ1	106.97	After	Interior Girder 4	50.55	0.95	1	1	2.581544
SU6_str	BOBJ1	106.97	After	Interior Girder 5	50.55	0.95	1	1	2.663015
SU6_str	BOBJ1	106.97	After	Interior Girder 6	50.55	0.95	1	1	2.929182
SU6_str	BOBJ1	106.97	After	Right Exterior Girder	50.55	0.95	1	1	3.846006
SU6_str	BOBJ1	112.5933	Before	Left Exterior Girder	56.1733	0.95	1	1	3.317051
SU6_str	BOBJ1	112.5933	Before	Interior Girder 1	56.1733	0.95	1	1	3.493668
SU6_str	BOBJ1	112.5933	Before	Interior Girder 2	56.1733	0.95	1	1	3.3335
SU6_str	BOBJ1	112.5933	Before	Interior Girder 3	56.1733	0.95	1	1	3.363181
SU6_str	BOBJ1	112.5933	Before	Interior Girder 4	56.1733	0.95	1	1	3.363181
SU6_str	BOBJ1	112.5933	Before	Interior Girder 5	56.1733	0.95	1	1	3.3335
SU6_str	BOBJ1	112.5933	Before	Interior Girder 6	56.1733	0.95	1	1	3.493668
SU6_str	BOBJ1	112.5933	Before	Right Exterior Girder	56.1733	0.95	1	1	3.317051
SU6_str	BOBJ1	112.5933	After	Left Exterior Girder	56.1733	0.95	1	1	3.347086
SU6_str	BOBJ1	112.5933	After	Interior Girder 1	56.1733	0.95	1	1	3.468381
SU6_str	BOBJ1	112.5933	After	Interior Girder 2	56.1733	0.95	1	1	3.296712
SU6_str	BOBJ1	112.5933	After	Interior Girder 3	56.1733	0.95	1	1	3.339839
SU6_str	BOBJ1	112.5933	After	Interior Girder 4	56.1733	0.95	1	1	3.339839
SU6_str	BOBJ1	112.5933	After	Interior Girder 5	56.1733	0.95	1	1	3.296712
SU6_str	BOBJ1	112.5933	After	Interior Girder 6	56.1733	0.95	1	1	3.468381
SU6_str	BOBJ1	112.5933	After	Right Exterior Girder	56.1733	0.95	1	1	3.347086
SU6_str	BOBJ1	115.3396	Before	Left Exterior Girder	58.9196	0.95	1	1	2.671636
SU6_str	BOBJ1	115.3396	Before	Right Exterior Girder	58.9196	0.95	1	1	2.671636
SU6_str	BOBJ1	115.3396	After	Left Exterior Girder	58.9196	0.95	1	1	5.960184
SU6_str	BOBJ1	115.3396	After	Right Exterior Girder	58.9196	0.95	1	1	5.960184
SU6_str	BOBJ1	118.2167	Before	Left Exterior Girder	61.7967	0.95	1	1	5.133087
SU6_str	BOBJ1	118.2167	Before	Interior Girder 1	61.9198	0.95	1	1	2.40875
SU6_str	BOBJ1	118.2167	Before	Interior Girder 2	61.9198	0.95	1	1	2.316026
SU6_str	BOBJ1	118.2167	Before	Interior Girder 3	61.9198	0.95	1	1	2.178909
SU6_str	BOBJ1	118.2167	Before	Interior Girder 4	61.9198	0.95	1	1	2.178909
SU6_str	BOBJ1	118.2167	Before	Interior Girder 5	61.9198	0.95	1	1	2.316026
SU6_str	BOBJ1	118.2167	Before	Interior Girder 6	61.9198	0.95	1	1	2.40875
SU6_str	BOBJ1	118.2167	Before	Right Exterior Girder	61.7967	0.95	1	1	5.133087
SU6_str	BOBJ1	118.2167	After	Left Exterior Girder	61.7967	0.95	1	1	5.13759
SU6_str	BOBJ1	118.2167	After	Interior Girder 1	61.9198	0.95	1	1	3.708448
SU6_str	BOBJ1	118.2167	After	Interior Girder 2	61.9198	0.95	1	1	3.472946
SU6_str	BOBJ1	118.2167	After	Interior Girder 3	61.9198	0.95	1	1	3.323208
SU6_str	BOBJ1	118.2167	After	Interior Girder 4	61.9198	0.95	1	1	3.323208
SU6_str	BOBJ1	118.2167	After	Interior Girder 5	61.9198	0.95	1	1	3.472946
SU6_str	BOBJ1	118.2167	After	Interior Girder 6	61.9198	0.95	1	1	3.708448
SU6_str	BOBJ1	118.2167	After	Right Exterior Girder	61.7967	0.95	1	1	5.13759
SU6_str	BOBJ1	123.84	Before	Left Exterior Girder	67.42	0.95	1	1	3.51446
SU6_str	BOBJ1	123.84	Before	Interior Girder 1	67.42	0.95	1	1	2.347026
SU6_str	BOBJ1	123.84	Before	Interior Girder 2	67.42	0.95	1	1	2.183629
SU6_str	BOBJ1	123.84	Before	Interior Girder 3	67.42	0.95	1	1	1.815301
SU6_str	BOBJ1	123.84	Before	Interior Girder 4	67.42	0.95	1	1	1.815301
SU6_str	BOBJ1	123.84	Before	Interior Girder 5	67.42	0.95	1	1	2.183629
SU6_str	BOBJ1	123.84	Before	Interior Girder 6	67.42	0.95	1	1	2.347026
SU6_str	BOBJ1	123.84	Before	Right Exterior Girder	67.42	0.95	1	1	3.51446
SU6_str	BOBJ1	123.84	After	Left Exterior Girder	0	0.95	1	1	3.755033
SU6_str	BOBJ1	123.84	After	Interior Girder 1	0	0.95	1	1	2.502145
SU6_str	BOBJ1	123.84	After	Interior Girder 2	0	0.95	1	1	2.337264
SU6_str	BOBJ1	123.84	After	Interior Girder 3	0	0.95	1	1	1.945813
SU6_str	BOBJ1	123.84	After	Interior Girder 4	0	0.95	1	1	1.945813
SU6_str	BOBJ1	123.84	After	Interior Girder 5	0	0.95	1	1	2.337264
SU6_str	BOBJ1	123.84	After	Interior Girder 6	0	0.95	1	1	2.502145

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelINonCompStrgth-Flx - Approach, Span 12-1									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
SU6_str	BOBJ1	123.84	After	Right Exterior Girder	0	0.95	1	1	3.755033
SU6_str	BOBJ1	129.34	Before	Interior Girder 1	5.5	0.95	1	1	3.977825
SU6_str	BOBJ1	129.34	Before	Interior Girder 2	5.5	0.95	1	1	3.738585
SU6_str	BOBJ1	129.34	Before	Interior Girder 3	5.5	0.95	1	1	3.573385
SU6_str	BOBJ1	129.34	Before	Interior Girder 4	5.5	0.95	1	1	3.573385
SU6_str	BOBJ1	129.34	Before	Interior Girder 5	5.5	0.95	1	1	3.738585
SU6_str	BOBJ1	129.34	Before	Interior Girder 6	5.5	0.95	1	1	3.977825
SU6_str	BOBJ1	129.34	After	Interior Girder 1	5.5	0.95	1	1	2.629745
SU6_str	BOBJ1	129.34	After	Interior Girder 2	5.5	0.95	1	1	2.496495
SU6_str	BOBJ1	129.34	After	Interior Girder 3	5.5	0.95	1	1	2.357065
SU6_str	BOBJ1	129.34	After	Interior Girder 4	5.5	0.95	1	1	2.357065
SU6_str	BOBJ1	129.34	After	Interior Girder 5	5.5	0.95	1	1	2.496495
SU6_str	BOBJ1	129.34	After	Interior Girder 6	5.5	0.95	1	1	2.629745
SU6_str	BOBJ1	130.79	Before	Left Exterior Girder	6.95	0.95	1	1	5.879023
SU6_str	BOBJ1	130.79	Before	Interior Girder 1	6.95	0.95	1	1	2.922865
SU6_str	BOBJ1	130.79	Before	Interior Girder 2	6.95	0.95	1	1	2.741372
SU6_str	BOBJ1	130.79	Before	Interior Girder 3	6.95	0.95	1	1	2.655021
SU6_str	BOBJ1	130.79	Before	Interior Girder 4	6.95	0.95	1	1	2.655021
SU6_str	BOBJ1	130.79	Before	Interior Girder 5	6.95	0.95	1	1	2.741372
SU6_str	BOBJ1	130.79	Before	Interior Girder 6	6.95	0.95	1	1	2.922865
SU6_str	BOBJ1	130.79	Before	Right Exterior Girder	6.95	0.95	1	1	5.879023
SU6_str	BOBJ1	130.79	After	Left Exterior Girder	6.95	0.95	1	1	5.925396
SU6_str	BOBJ1	130.79	After	Interior Girder 1	6.95	0.95	1	1	2.909747
SU6_str	BOBJ1	130.79	After	Interior Girder 2	6.95	0.95	1	1	2.766826
SU6_str	BOBJ1	130.79	After	Interior Girder 3	6.95	0.95	1	1	2.671593
SU6_str	BOBJ1	130.79	After	Interior Girder 4	6.95	0.95	1	1	2.671593
SU6_str	BOBJ1	130.79	After	Interior Girder 5	6.95	0.95	1	1	2.766826
SU6_str	BOBJ1	130.79	After	Interior Girder 6	6.95	0.95	1	1	2.909747
SU6_str	BOBJ1	130.79	After	Right Exterior Girder	6.95	0.95	1	1	5.925396
SU6_str	BOBJ1	132.34	Before	Left Exterior Girder	8.5	0.95	1	1	6.438275
SU6_str	BOBJ1	132.34	Before	Right Exterior Girder	8.5	0.95	1	1	6.438275
SU6_str	BOBJ1	132.34	After	Left Exterior Girder	8.5	0.95	1	1	2.878685
SU6_str	BOBJ1	132.34	After	Right Exterior Girder	8.5	0.95	1	1	2.878685
SU6_str	BOBJ1	137.74	Before	Left Exterior Girder	13.9	0.95	1	1	4.244455
SU6_str	BOBJ1	137.74	Before	Interior Girder 1	13.9	0.95	1	1	3.778622
SU6_str	BOBJ1	137.74	Before	Interior Girder 2	13.9	0.95	1	1	3.407778
SU6_str	BOBJ1	137.74	Before	Interior Girder 3	13.9	0.95	1	1	3.288786
SU6_str	BOBJ1	137.74	Before	Interior Girder 4	13.9	0.95	1	1	3.288786
SU6_str	BOBJ1	137.74	Before	Interior Girder 5	13.9	0.95	1	1	3.407778
SU6_str	BOBJ1	137.74	Before	Interior Girder 6	13.9	0.95	1	1	3.778622
SU6_str	BOBJ1	137.74	Before	Right Exterior Girder	13.9	0.95	1	1	4.244455
SU6_str	BOBJ1	137.74	After	Left Exterior Girder	13.9	0.95	1	1	4.632771
SU6_str	BOBJ1	137.74	After	Interior Girder 1	13.9	0.95	1	1	3.748687
SU6_str	BOBJ1	137.74	After	Interior Girder 2	13.9	0.95	1	1	3.412993
SU6_str	BOBJ1	137.74	After	Interior Girder 3	13.9	0.95	1	1	3.354931
SU6_str	BOBJ1	137.74	After	Interior Girder 4	13.9	0.95	1	1	3.354931
SU6_str	BOBJ1	137.74	After	Interior Girder 5	13.9	0.95	1	1	3.412993
SU6_str	BOBJ1	137.74	After	Interior Girder 6	13.9	0.95	1	1	3.748687
SU6_str	BOBJ1	137.74	After	Right Exterior Girder	13.9	0.95	1	1	4.632771
SU6_str	BOBJ1	143.7733	Before	Left Exterior Girder	19.9333	0.95	1	1	3.148634
SU6_str	BOBJ1	143.7733	Before	Interior Girder 1	19.9333	0.95	1	1	2.249916
SU6_str	BOBJ1	143.7733	Before	Interior Girder 2	19.9333	0.95	1	1	2.104323
SU6_str	BOBJ1	143.7733	Before	Interior Girder 3	19.9333	0.95	1	1	2.033183
SU6_str	BOBJ1	143.7733	Before	Interior Girder 4	19.9333	0.95	1	1	2.033183
SU6_str	BOBJ1	143.7733	Before	Interior Girder 5	19.9333	0.95	1	1	2.104323
SU6_str	BOBJ1	143.7733	Before	Interior Girder 6	19.9333	0.95	1	1	2.249916
SU6_str	BOBJ1	143.7733	Before	Right Exterior Girder	19.9333	0.95	1	1	3.148634
SU6_str	BOBJ1	143.7733	After	Left Exterior Girder	19.9333	0.95	1	1	3.204297
SU6_str	BOBJ1	143.7733	After	Interior Girder 1	19.9333	0.95	1	1	2.220629
SU6_str	BOBJ1	143.7733	After	Interior Girder 2	19.9333	0.95	1	1	2.097477
SU6_str	BOBJ1	143.7733	After	Interior Girder 3	19.9333	0.95	1	1	2.049623
SU6_str	BOBJ1	143.7733	After	Interior Girder 4	19.9333	0.95	1	1	2.049623
SU6_str	BOBJ1	143.7733	After	Interior Girder 5	19.9333	0.95	1	1	2.097477
SU6_str	BOBJ1	143.7733	After	Interior Girder 6	19.9333	0.95	1	1	2.220629
SU6_str	BOBJ1	143.7733	After	Right Exterior Girder	19.9333	0.95	1	1	3.204297

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelINonCompStrgth-Flx - Approach, Span 12-1									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
SU6_str	BOBJ1	149.8067	Before	Left Exterior Girder	25.9667	0.95	1	1	2.251874
SU6_str	BOBJ1	149.8067	Before	Interior Girder 1	25.9667	0.95	1	1	1.729427
SU6_str	BOBJ1	149.8067	Before	Interior Girder 2	25.9667	0.95	1	1	1.645129
SU6_str	BOBJ1	149.8067	Before	Interior Girder 3	25.9667	0.95	1	1	1.604449
SU6_str	BOBJ1	149.8067	Before	Interior Girder 4	25.9667	0.95	1	1	1.604449
SU6_str	BOBJ1	149.8067	Before	Interior Girder 5	25.9667	0.95	1	1	1.645129
SU6_str	BOBJ1	149.8067	Before	Interior Girder 6	25.9667	0.95	1	1	1.729427
SU6_str	BOBJ1	149.8067	Before	Right Exterior Girder	25.9667	0.95	1	1	2.251874
SU6_str	BOBJ1	149.8067	After	Left Exterior Girder	25.9667	0.95	1	1	2.255616
SU6_str	BOBJ1	149.8067	After	Interior Girder 1	25.9667	0.95	1	1	1.728233
SU6_str	BOBJ1	149.8067	After	Interior Girder 2	25.9667	0.95	1	1	1.652876
SU6_str	BOBJ1	149.8067	After	Interior Girder 3	25.9667	0.95	1	1	1.616854
SU6_str	BOBJ1	149.8067	After	Interior Girder 4	25.9667	0.95	1	1	1.616854
SU6_str	BOBJ1	149.8067	After	Interior Girder 5	25.9667	0.95	1	1	1.652876
SU6_str	BOBJ1	149.8067	After	Interior Girder 6	25.9667	0.95	1	1	1.728233
SU6_str	BOBJ1	149.8067	After	Right Exterior Girder	25.9667	0.95	1	1	2.255616
SU6_str	BOBJ1	155.84	Before	Left Exterior Girder	32	0.95	1	1	1.873988
SU6_str	BOBJ1	155.84	Before	Interior Girder 1	32	0.95	1	1	1.630153
SU6_str	BOBJ1	155.84	Before	Interior Girder 2	32	0.95	1	1	1.556341
SU6_str	BOBJ1	155.84	Before	Interior Girder 3	32	0.95	1	1	1.533296
SU6_str	BOBJ1	155.84	Before	Interior Girder 4	32	0.95	1	1	1.533296
SU6_str	BOBJ1	155.84	Before	Interior Girder 5	32	0.95	1	1	1.556341
SU6_str	BOBJ1	155.84	Before	Interior Girder 6	32	0.95	1	1	1.630153
SU6_str	BOBJ1	155.84	Before	Right Exterior Girder	32	0.95	1	1	1.873988
SU6_str	BOBJ1	155.84	After	Left Exterior Girder	32	0.95	1	1	1.884625
SU6_str	BOBJ1	155.84	After	Interior Girder 1	32	0.95	1	1	1.622766
SU6_str	BOBJ1	155.84	After	Interior Girder 2	32	0.95	1	1	1.552622
SU6_str	BOBJ1	155.84	After	Interior Girder 3	32	0.95	1	1	1.529594
SU6_str	BOBJ1	155.84	After	Interior Girder 4	32	0.95	1	1	1.529594
SU6_str	BOBJ1	155.84	After	Interior Girder 5	32	0.95	1	1	1.552622
SU6_str	BOBJ1	155.84	After	Interior Girder 6	32	0.95	1	1	1.622766
SU6_str	BOBJ1	155.84	After	Right Exterior Girder	32	0.95	1	1	1.884625
SU6_str	BOBJ1	161.8733	Before	Left Exterior Girder	38.0333	0.95	1	1	2.030549
SU6_str	BOBJ1	161.8733	Before	Interior Girder 1	38.0333	0.95	1	1	1.599509
SU6_str	BOBJ1	161.8733	Before	Interior Girder 2	38.0333	0.95	1	1	1.530639
SU6_str	BOBJ1	161.8733	Before	Interior Girder 3	38.0333	0.95	1	1	1.496568
SU6_str	BOBJ1	161.8733	Before	Interior Girder 4	38.0333	0.95	1	1	1.496568
SU6_str	BOBJ1	161.8733	Before	Interior Girder 5	38.0333	0.95	1	1	1.530639
SU6_str	BOBJ1	161.8733	Before	Interior Girder 6	38.0333	0.95	1	1	1.599509
SU6_str	BOBJ1	161.8733	Before	Right Exterior Girder	38.0333	0.95	1	1	2.030549
SU6_str	BOBJ1	161.8733	After	Left Exterior Girder	38.0333	0.95	1	1	2.035492
SU6_str	BOBJ1	161.8733	After	Interior Girder 1	38.0333	0.95	1	1	1.594899
SU6_str	BOBJ1	161.8733	After	Interior Girder 2	38.0333	0.95	1	1	1.52396
SU6_str	BOBJ1	161.8733	After	Interior Girder 3	38.0333	0.95	1	1	1.489119
SU6_str	BOBJ1	161.8733	After	Interior Girder 4	38.0333	0.95	1	1	1.489119
SU6_str	BOBJ1	161.8733	After	Interior Girder 5	38.0333	0.95	1	1	1.52396
SU6_str	BOBJ1	161.8733	After	Interior Girder 6	38.0333	0.95	1	1	1.594899
SU6_str	BOBJ1	161.8733	After	Right Exterior Girder	38.0333	0.95	1	1	2.035492
SU6_str	BOBJ1	167.9067	Before	Left Exterior Girder	44.0667	0.95	1	1	2.549916
SU6_str	BOBJ1	167.9067	Before	Interior Girder 1	44.0667	0.95	1	1	1.880257
SU6_str	BOBJ1	167.9067	Before	Interior Girder 2	44.0667	0.95	1	1	1.777392
SU6_str	BOBJ1	167.9067	Before	Interior Girder 3	44.0667	0.95	1	1	1.738029
SU6_str	BOBJ1	167.9067	Before	Interior Girder 4	44.0667	0.95	1	1	1.738029
SU6_str	BOBJ1	167.9067	Before	Interior Girder 5	44.0667	0.95	1	1	1.777392
SU6_str	BOBJ1	167.9067	Before	Interior Girder 6	44.0667	0.95	1	1	1.880257
SU6_str	BOBJ1	167.9067	Before	Right Exterior Girder	44.0667	0.95	1	1	2.549916
SU6_str	BOBJ1	167.9067	After	Left Exterior Girder	44.0667	0.95	1	1	2.508705
SU6_str	BOBJ1	167.9067	After	Interior Girder 1	44.0667	0.95	1	1	1.901496
SU6_str	BOBJ1	167.9067	After	Interior Girder 2	44.0667	0.95	1	1	1.786818
SU6_str	BOBJ1	167.9067	After	Interior Girder 3	44.0667	0.95	1	1	1.73188
SU6_str	BOBJ1	167.9067	After	Interior Girder 4	44.0667	0.95	1	1	1.73188
SU6_str	BOBJ1	167.9067	After	Interior Girder 5	44.0667	0.95	1	1	1.786818
SU6_str	BOBJ1	167.9067	After	Interior Girder 6	44.0667	0.95	1	1	1.901496
SU6_str	BOBJ1	167.9067	After	Right Exterior Girder	44.0667	0.95	1	1	2.508705
SU6_str	BOBJ1	173.94	Before	Left Exterior Girder	50.1	0.95	1	1	3.692342

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelINonCompStrgth-Flx - Approach, Span 12-1									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
SU6_str	BOBJ1	173.94	Before	Interior Girder 1	50.1	0.95	1	1	2.779386
SU6_str	BOBJ1	173.94	Before	Interior Girder 2	50.1	0.95	1	1	2.533389
SU6_str	BOBJ1	173.94	Before	Interior Girder 3	50.1	0.95	1	1	2.480112
SU6_str	BOBJ1	173.94	Before	Interior Girder 4	50.1	0.95	1	1	2.480112
SU6_str	BOBJ1	173.94	Before	Interior Girder 5	50.1	0.95	1	1	2.533389
SU6_str	BOBJ1	173.94	Before	Interior Girder 6	50.1	0.95	1	1	2.779386
SU6_str	BOBJ1	173.94	Before	Right Exterior Girder	50.1	0.95	1	1	3.692342
SU6_str	BOBJ1	173.94	After	Left Exterior Girder	50.1	0.95	1	1	3.660758
SU6_str	BOBJ1	173.94	After	Interior Girder 1	50.1	0.95	1	1	2.792453
SU6_str	BOBJ1	173.94	After	Interior Girder 2	50.1	0.95	1	1	2.527817
SU6_str	BOBJ1	173.94	After	Interior Girder 3	50.1	0.95	1	1	2.442405
SU6_str	BOBJ1	173.94	After	Interior Girder 4	50.1	0.95	1	1	2.442405
SU6_str	BOBJ1	173.94	After	Interior Girder 5	50.1	0.95	1	1	2.527817
SU6_str	BOBJ1	173.94	After	Interior Girder 6	50.1	0.95	1	1	2.792453
SU6_str	BOBJ1	173.94	After	Right Exterior Girder	50.1	0.95	1	1	3.660758
SU6_str	BOBJ1	179.98	Before	Left Exterior Girder	56.14	0.95	1	1	4.353023
SU6_str	BOBJ1	179.98	Before	Interior Girder 1	56.14	0.95	1	1	4.453179
SU6_str	BOBJ1	179.98	Before	Interior Girder 2	56.14	0.95	1	1	4.162756
SU6_str	BOBJ1	179.98	Before	Interior Girder 3	56.14	0.95	1	1	4.032178
SU6_str	BOBJ1	179.98	Before	Interior Girder 4	56.14	0.95	1	1	4.032178
SU6_str	BOBJ1	179.98	Before	Interior Girder 5	56.14	0.95	1	1	4.162756
SU6_str	BOBJ1	179.98	Before	Interior Girder 6	56.14	0.95	1	1	4.453179
SU6_str	BOBJ1	179.98	Before	Right Exterior Girder	56.14	0.95	1	1	4.353023
SU6_str	BOBJ1	179.98	After	Left Exterior Girder	56.14	0.95	1	1	4.401781
SU6_str	BOBJ1	179.98	After	Interior Girder 1	56.14	0.95	1	1	4.412399
SU6_str	BOBJ1	179.98	After	Interior Girder 2	56.14	0.95	1	1	4.127561
SU6_str	BOBJ1	179.98	After	Interior Girder 3	56.14	0.95	1	1	3.872813
SU6_str	BOBJ1	179.98	After	Interior Girder 4	56.14	0.95	1	1	3.872813
SU6_str	BOBJ1	179.98	After	Interior Girder 5	56.14	0.95	1	1	4.127561
SU6_str	BOBJ1	179.98	After	Interior Girder 6	56.14	0.95	1	1	4.412399
SU6_str	BOBJ1	179.98	After	Right Exterior Girder	56.14	0.95	1	1	4.401781
SU6_str	BOBJ1	183.56	Before	Left Exterior Girder	59.72	0.95	1	1	3.302856
SU6_str	BOBJ1	183.56	Before	Right Exterior Girder	59.72	0.95	1	1	3.302856
SU6_str	BOBJ1	183.56	After	Left Exterior Girder	59.72	0.95	1	1	7.986947
SU6_str	BOBJ1	183.56	After	Right Exterior Girder	59.72	0.95	1	1	7.986947
SU6_str	BOBJ1	186.02	Before	Left Exterior Girder	62.18	0.95	1	1	7.042083
SU6_str	BOBJ1	186.02	Before	Interior Girder 1	62.22	0.95	1	1	2.971828
SU6_str	BOBJ1	186.02	Before	Interior Girder 2	62.22	0.95	1	1	2.837665
SU6_str	BOBJ1	186.02	Before	Interior Girder 3	62.22	0.95	1	1	2.603985
SU6_str	BOBJ1	186.02	Before	Interior Girder 4	62.22	0.95	1	1	2.603985
SU6_str	BOBJ1	186.02	Before	Interior Girder 5	62.22	0.95	1	1	2.837665
SU6_str	BOBJ1	186.02	Before	Interior Girder 6	62.22	0.95	1	1	2.971828
SU6_str	BOBJ1	186.02	Before	Right Exterior Girder	62.18	0.95	1	1	7.042083
SU6_str	BOBJ1	186.02	After	Left Exterior Girder	62.18	0.95	1	1	7.086926
SU6_str	BOBJ1	186.02	After	Interior Girder 1	62.22	0.95	1	1	4.845893
SU6_str	BOBJ1	186.02	After	Interior Girder 2	62.22	0.95	1	1	4.476382
SU6_str	BOBJ1	186.02	After	Interior Girder 3	62.22	0.95	1	1	4.181232
SU6_str	BOBJ1	186.02	After	Interior Girder 4	62.22	0.95	1	1	4.181232
SU6_str	BOBJ1	186.02	After	Interior Girder 5	62.22	0.95	1	1	4.476382
SU6_str	BOBJ1	186.02	After	Interior Girder 6	62.22	0.95	1	1	4.845893
SU6_str	BOBJ1	186.02	After	Right Exterior Girder	62.18	0.95	1	1	7.086926
SU6_str	BOBJ1	192.06	Before	Left Exterior Girder	68.22	0.95	1	1	3.39382
SU6_str	BOBJ1	192.06	Before	Interior Girder 1	68.22	0.95	1	1	2.245027
SU6_str	BOBJ1	192.06	Before	Interior Girder 2	68.22	0.95	1	1	2.142505
SU6_str	BOBJ1	192.06	Before	Interior Girder 3	68.22	0.95	1	1	1.814904
SU6_str	BOBJ1	192.06	Before	Interior Girder 4	68.22	0.95	1	1	1.814904
SU6_str	BOBJ1	192.06	Before	Interior Girder 5	68.22	0.95	1	1	2.142505
SU6_str	BOBJ1	192.06	Before	Interior Girder 6	68.22	0.95	1	1	2.245027
SU6_str	BOBJ1	192.06	Before	Right Exterior Girder	68.22	0.95	1	1	3.39382
SU6_str	BOBJ1	192.06	After	Left Exterior Girder	0	0.95	1	1	4.198066
SU6_str	BOBJ1	192.06	After	Interior Girder 1	0	0.95	1	1	3.263025
SU6_str	BOBJ1	192.06	After	Interior Girder 2	0	0.95	1	1	2.963798
SU6_str	BOBJ1	192.06	After	Interior Girder 3	0	0.95	1	1	2.5647
SU6_str	BOBJ1	192.06	After	Interior Girder 4	0	0.95	1	1	2.5647
SU6_str	BOBJ1	192.06	After	Interior Girder 5	0	0.95	1	1	2.963798

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelINonCompStrgth-Flx - Approach, Span 12-1									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
SU6_str	BOBJ1	192.06	After	Interior Girder 6	0	0.95	1	1	3.263025
SU6_str	BOBJ1	192.06	After	Right Exterior Girder	0	0.95	1	1	4.198066
SU6_str	BOBJ1	197.087	Before	Interior Girder 1	5.027	0.95	1	1	4.178746
SU6_str	BOBJ1	197.087	Before	Interior Girder 2	5.027	0.95	1	1	3.905299
SU6_str	BOBJ1	197.087	Before	Interior Girder 3	5.027	0.95	1	1	3.829589
SU6_str	BOBJ1	197.087	Before	Interior Girder 4	5.027	0.95	1	1	3.829589
SU6_str	BOBJ1	197.087	Before	Interior Girder 5	5.027	0.95	1	1	3.905299
SU6_str	BOBJ1	197.087	Before	Interior Girder 6	5.027	0.95	1	1	4.178746
SU6_str	BOBJ1	197.087	After	Interior Girder 1	5.027	0.95	1	1	2.603273
SU6_str	BOBJ1	197.087	After	Interior Girder 2	5.027	0.95	1	1	2.449149
SU6_str	BOBJ1	197.087	After	Interior Girder 3	5.027	0.95	1	1	2.382896
SU6_str	BOBJ1	197.087	After	Interior Girder 4	5.027	0.95	1	1	2.382896
SU6_str	BOBJ1	197.087	After	Interior Girder 5	5.027	0.95	1	1	2.449149
SU6_str	BOBJ1	197.087	After	Interior Girder 6	5.027	0.95	1	1	2.603273
SU6_str	BOBJ1	197.91	Before	Left Exterior Girder	5.85	0.95	1	1	5.824047
SU6_str	BOBJ1	197.91	Before	Interior Girder 1	5.85	0.95	1	1	2.755296
SU6_str	BOBJ1	197.91	Before	Interior Girder 2	5.85	0.95	1	1	2.570085
SU6_str	BOBJ1	197.91	Before	Interior Girder 3	5.85	0.95	1	1	2.546677
SU6_str	BOBJ1	197.91	Before	Interior Girder 4	5.85	0.95	1	1	2.546677
SU6_str	BOBJ1	197.91	Before	Interior Girder 5	5.85	0.95	1	1	2.570085
SU6_str	BOBJ1	197.91	Before	Interior Girder 6	5.85	0.95	1	1	2.755296
SU6_str	BOBJ1	197.91	Before	Right Exterior Girder	5.85	0.95	1	1	5.824047
SU6_str	BOBJ1	197.91	After	Left Exterior Girder	5.85	0.95	1	1	4.939818
SU6_str	BOBJ1	197.91	After	Interior Girder 1	5.85	0.95	1	1	2.292999
SU6_str	BOBJ1	197.91	After	Interior Girder 2	5.85	0.95	1	1	2.164194
SU6_str	BOBJ1	197.91	After	Interior Girder 3	5.85	0.95	1	1	2.121666
SU6_str	BOBJ1	197.91	After	Interior Girder 4	5.85	0.95	1	1	2.121666
SU6_str	BOBJ1	197.91	After	Interior Girder 5	5.85	0.95	1	1	2.164194
SU6_str	BOBJ1	197.91	After	Interior Girder 6	5.85	0.95	1	1	2.292999
SU6_str	BOBJ1	197.91	After	Right Exterior Girder	5.85	0.95	1	1	4.939818
SU6_str	BOBJ1	199.1816	Before	Left Exterior Girder	7.1216	0.95	1	1	5.289539
SU6_str	BOBJ1	199.1816	Before	Right Exterior Girder	7.1216	0.95	1	1	5.289539
SU6_str	BOBJ1	199.1816	After	Left Exterior Girder	7.1216	0.95	1	1	2.123252
SU6_str	BOBJ1	199.1816	After	Right Exterior Girder	7.1216	0.95	1	1	2.123252
SU6_str	BOBJ1	203.5267	Before	Left Exterior Girder	11.3107	0.95	1	1	3.058126
SU6_str	BOBJ1	203.5267	Before	Interior Girder 1	11.3107	0.95	1	1	3.259847
SU6_str	BOBJ1	203.5267	Before	Interior Girder 2	11.3107	0.95	1	1	3.076809
SU6_str	BOBJ1	203.5267	Before	Interior Girder 3	11.3107	0.95	1	1	3.173396
SU6_str	BOBJ1	203.5267	Before	Interior Girder 4	11.3107	0.95	1	1	3.173396
SU6_str	BOBJ1	203.5267	Before	Interior Girder 5	11.3107	0.95	1	1	3.076809
SU6_str	BOBJ1	203.5267	Before	Interior Girder 6	11.3107	0.95	1	1	3.259847
SU6_str	BOBJ1	203.5267	Before	Right Exterior Girder	11.3107	0.95	1	1	3.058126
SU6_str	BOBJ1	203.5267	After	Left Exterior Girder	11.3107	0.95	1	1	4.922191
SU6_str	BOBJ1	203.5267	After	Interior Girder 1	11.3107	0.95	1	1	5.165026
SU6_str	BOBJ1	203.5267	After	Interior Girder 2	11.3107	0.95	1	1	4.92684
SU6_str	BOBJ1	203.5267	After	Interior Girder 3	11.3107	0.95	1	1	5.041822
SU6_str	BOBJ1	203.5267	After	Interior Girder 4	11.3107	0.95	1	1	5.041822
SU6_str	BOBJ1	203.5267	After	Interior Girder 5	11.3107	0.95	1	1	4.92684
SU6_str	BOBJ1	203.5267	After	Interior Girder 6	11.3107	0.95	1	1	5.165026
SU6_str	BOBJ1	203.5267	After	Right Exterior Girder	11.3107	0.95	1	1	4.922191
SU6_str	BOBJ1	209.1433	Before	Left Exterior Girder	17.0833	0.95	1	1	5.16447
SU6_str	BOBJ1	209.1433	Before	Interior Girder 1	17.0833	0.95	1	1	3.590582
SU6_str	BOBJ1	209.1433	Before	Interior Girder 2	17.0833	0.95	1	1	3.327765
SU6_str	BOBJ1	209.1433	Before	Interior Girder 3	17.0833	0.95	1	1	3.244646
SU6_str	BOBJ1	209.1433	Before	Interior Girder 4	17.0833	0.95	1	1	3.244646
SU6_str	BOBJ1	209.1433	Before	Interior Girder 5	17.0833	0.95	1	1	3.327765
SU6_str	BOBJ1	209.1433	Before	Interior Girder 6	17.0833	0.95	1	1	3.590582
SU6_str	BOBJ1	209.1433	Before	Right Exterior Girder	17.0833	0.95	1	1	5.16447
SU6_str	BOBJ1	209.1433	After	Left Exterior Girder	17.0833	0.95	1	1	5.130161
SU6_str	BOBJ1	209.1433	After	Interior Girder 1	17.0833	0.95	1	1	3.598894
SU6_str	BOBJ1	209.1433	After	Interior Girder 2	17.0833	0.95	1	1	3.360893
SU6_str	BOBJ1	209.1433	After	Interior Girder 3	17.0833	0.95	1	1	3.296198
SU6_str	BOBJ1	209.1433	After	Interior Girder 4	17.0833	0.95	1	1	3.296198
SU6_str	BOBJ1	209.1433	After	Interior Girder 5	17.0833	0.95	1	1	3.360893
SU6_str	BOBJ1	209.1433	After	Interior Girder 6	17.0833	0.95	1	1	3.598894

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelINonCompStrgth-Flx - Approach, Span 12-1									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
SU6_str	BOBJ1	209.1433	After	Right Exterior Girder	17.0833	0.95	1	1	5.130161
SU6_str	BOBJ1	214.76	Before	Left Exterior Girder	22.7	0.95	1	1	3.539758
SU6_str	BOBJ1	214.76	Before	Interior Girder 1	22.7	0.95	1	1	2.816809
SU6_str	BOBJ1	214.76	Before	Interior Girder 2	22.7	0.95	1	1	2.628965
SU6_str	BOBJ1	214.76	Before	Interior Girder 3	22.7	0.95	1	1	2.572605
SU6_str	BOBJ1	214.76	Before	Interior Girder 4	22.7	0.95	1	1	2.572605
SU6_str	BOBJ1	214.76	Before	Interior Girder 5	22.7	0.95	1	1	2.628965
SU6_str	BOBJ1	214.76	Before	Interior Girder 6	22.7	0.95	1	1	2.816809
SU6_str	BOBJ1	214.76	Before	Right Exterior Girder	22.7	0.95	1	1	3.539758
SU6_str	BOBJ1	214.76	After	Left Exterior Girder	22.7	0.95	1	1	3.567397
SU6_str	BOBJ1	214.76	After	Interior Girder 1	22.7	0.95	1	1	2.801002
SU6_str	BOBJ1	214.76	After	Interior Girder 2	22.7	0.95	1	1	2.631734
SU6_str	BOBJ1	214.76	After	Interior Girder 3	22.7	0.95	1	1	2.582482
SU6_str	BOBJ1	214.76	After	Interior Girder 4	22.7	0.95	1	1	2.582482
SU6_str	BOBJ1	214.76	After	Interior Girder 5	22.7	0.95	1	1	2.631734
SU6_str	BOBJ1	214.76	After	Interior Girder 6	22.7	0.95	1	1	2.801002
SU6_str	BOBJ1	214.76	After	Right Exterior Girder	22.7	0.95	1	1	3.567397
SU6_str	BOBJ1	220.3767	Before	Left Exterior Girder	28.3167	0.95	1	1	3.101202
SU6_str	BOBJ1	220.3767	Before	Interior Girder 1	28.3167	0.95	1	1	2.351226
SU6_str	BOBJ1	220.3767	Before	Interior Girder 2	28.3167	0.95	1	1	2.230153
SU6_str	BOBJ1	220.3767	Before	Interior Girder 3	28.3167	0.95	1	1	2.169157
SU6_str	BOBJ1	220.3767	Before	Interior Girder 4	28.3167	0.95	1	1	2.169157
SU6_str	BOBJ1	220.3767	Before	Interior Girder 5	28.3167	0.95	1	1	2.230153
SU6_str	BOBJ1	220.3767	Before	Interior Girder 6	28.3167	0.95	1	1	2.351226
SU6_str	BOBJ1	220.3767	Before	Right Exterior Girder	28.3167	0.95	1	1	3.101202
SU6_str	BOBJ1	220.3767	After	Left Exterior Girder	28.3167	0.95	1	1	3.125918
SU6_str	BOBJ1	220.3767	After	Interior Girder 1	28.3167	0.95	1	1	2.339457
SU6_str	BOBJ1	220.3767	After	Interior Girder 2	28.3167	0.95	1	1	2.22386
SU6_str	BOBJ1	220.3767	After	Interior Girder 3	28.3167	0.95	1	1	2.169835
SU6_str	BOBJ1	220.3767	After	Interior Girder 4	28.3167	0.95	1	1	2.169835
SU6_str	BOBJ1	220.3767	After	Interior Girder 5	28.3167	0.95	1	1	2.22386
SU6_str	BOBJ1	220.3767	After	Interior Girder 6	28.3167	0.95	1	1	2.339457
SU6_str	BOBJ1	220.3767	After	Right Exterior Girder	28.3167	0.95	1	1	3.125918
SU6_str	BOBJ1	225.9933	Before	Left Exterior Girder	33.9333	0.95	1	1	2.986419
SU6_str	BOBJ1	225.9933	Before	Interior Girder 1	33.9333	0.95	1	1	2.244647
SU6_str	BOBJ1	225.9933	Before	Interior Girder 2	33.9333	0.95	1	1	2.137932
SU6_str	BOBJ1	225.9933	Before	Interior Girder 3	33.9333	0.95	1	1	2.081775
SU6_str	BOBJ1	225.9933	Before	Interior Girder 4	33.9333	0.95	1	1	2.081775
SU6_str	BOBJ1	225.9933	Before	Interior Girder 5	33.9333	0.95	1	1	2.137932
SU6_str	BOBJ1	225.9933	Before	Interior Girder 6	33.9333	0.95	1	1	2.244647
SU6_str	BOBJ1	225.9933	Before	Right Exterior Girder	33.9333	0.95	1	1	2.986419
SU6_str	BOBJ1	225.9933	After	Left Exterior Girder	33.9333	0.95	1	1	2.968341
SU6_str	BOBJ1	225.9933	After	Interior Girder 1	33.9333	0.95	1	1	2.256721
SU6_str	BOBJ1	225.9933	After	Interior Girder 2	33.9333	0.95	1	1	2.141707
SU6_str	BOBJ1	225.9933	After	Interior Girder 3	33.9333	0.95	1	1	2.081429
SU6_str	BOBJ1	225.9933	After	Interior Girder 4	33.9333	0.95	1	1	2.081429
SU6_str	BOBJ1	225.9933	After	Interior Girder 5	33.9333	0.95	1	1	2.141707
SU6_str	BOBJ1	225.9933	After	Interior Girder 6	33.9333	0.95	1	1	2.256721
SU6_str	BOBJ1	225.9933	After	Right Exterior Girder	33.9333	0.95	1	1	2.968341
SU6_str	BOBJ1	231.61	Before	Left Exterior Girder	39.55	0.95	1	1	3.178234
SU6_str	BOBJ1	231.61	Before	Interior Girder 1	39.55	0.95	1	1	2.520678
SU6_str	BOBJ1	231.61	Before	Interior Girder 2	39.55	0.95	1	1	2.378441
SU6_str	BOBJ1	231.61	Before	Interior Girder 3	39.55	0.95	1	1	2.303406
SU6_str	BOBJ1	231.61	Before	Interior Girder 4	39.55	0.95	1	1	2.303406
SU6_str	BOBJ1	231.61	Before	Interior Girder 5	39.55	0.95	1	1	2.378441
SU6_str	BOBJ1	231.61	Before	Interior Girder 6	39.55	0.95	1	1	2.520678
SU6_str	BOBJ1	231.61	Before	Right Exterior Girder	39.55	0.95	1	1	3.178234
SU6_str	BOBJ1	231.61	After	Left Exterior Girder	39.55	0.95	1	1	3.171516
SU6_str	BOBJ1	231.61	After	Interior Girder 1	39.55	0.95	1	1	2.527931
SU6_str	BOBJ1	231.61	After	Interior Girder 2	39.55	0.95	1	1	2.365739
SU6_str	BOBJ1	231.61	After	Interior Girder 3	39.55	0.95	1	1	2.280713
SU6_str	BOBJ1	231.61	After	Interior Girder 4	39.55	0.95	1	1	2.280713
SU6_str	BOBJ1	231.61	After	Interior Girder 5	39.55	0.95	1	1	2.365739
SU6_str	BOBJ1	231.61	After	Interior Girder 6	39.55	0.95	1	1	2.527931
SU6_str	BOBJ1	231.61	After	Right Exterior Girder	39.55	0.95	1	1	3.171516

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelINonCompStrgth-Flx - Approach, Span 12-1									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
SU6_str	BOBJ1	237.37	Before	Left Exterior Girder	45.31	0.95	1	1	4.370488
SU6_str	BOBJ1	237.37	Before	Interior Girder 1	45.31	0.95	1	1	3.079444
SU6_str	BOBJ1	237.37	Before	Interior Girder 2	45.31	0.95	1	1	2.91027
SU6_str	BOBJ1	237.37	Before	Interior Girder 3	45.31	0.95	1	1	2.763377
SU6_str	BOBJ1	237.37	Before	Interior Girder 4	45.31	0.95	1	1	2.763377
SU6_str	BOBJ1	237.37	Before	Interior Girder 5	45.31	0.95	1	1	2.91027
SU6_str	BOBJ1	237.37	Before	Interior Girder 6	45.31	0.95	1	1	3.079444
SU6_str	BOBJ1	237.37	Before	Right Exterior Girder	45.31	0.95	1	1	4.370488
SU6_str	BOBJ1	237.37	After	Left Exterior Girder	45.31	0.95	1	1	4.397531
SU6_str	BOBJ1	237.37	After	Interior Girder 1	45.31	0.95	1	1	3.064407
SU6_str	BOBJ1	237.37	After	Interior Girder 2	45.31	0.95	1	1	2.855389
SU6_str	BOBJ1	237.37	After	Interior Girder 3	45.31	0.95	1	1	2.679017
SU6_str	BOBJ1	237.37	After	Interior Girder 4	45.31	0.95	1	1	2.679017
SU6_str	BOBJ1	237.37	After	Interior Girder 5	45.31	0.95	1	1	2.855389
SU6_str	BOBJ1	237.37	After	Interior Girder 6	45.31	0.95	1	1	3.064407
SU6_str	BOBJ1	237.37	After	Right Exterior Girder	45.31	0.95	1	1	4.397531
SU6_str	BOBJ1	243.13	Before	Left Exterior Girder	51.07	0.95	1	1	8.758212
SU6_str	BOBJ1	243.13	Before	Interior Girder 1	51.07	0.95	1	1	5.336256
SU6_str	BOBJ1	243.13	Before	Interior Girder 2	51.07	0.95	1	1	5.022835
SU6_str	BOBJ1	243.13	Before	Interior Girder 3	51.07	0.95	1	1	4.51568
SU6_str	BOBJ1	243.13	Before	Interior Girder 4	51.07	0.95	1	1	4.51568
SU6_str	BOBJ1	243.13	Before	Interior Girder 5	51.07	0.95	1	1	5.022835
SU6_str	BOBJ1	243.13	Before	Interior Girder 6	51.07	0.95	1	1	5.336256
SU6_str	BOBJ1	243.13	Before	Right Exterior Girder	51.07	0.95	1	1	8.758212
SU6_str	BOBJ1	243.13	After	Left Exterior Girder	51.07	0.95	1	1	8.720065
SU6_str	BOBJ1	243.13	After	Interior Girder 1	51.07	0.95	1	1	5.272471
SU6_str	BOBJ1	243.13	After	Interior Girder 2	51.07	0.95	1	1	4.917778
SU6_str	BOBJ1	243.13	After	Interior Girder 3	51.07	0.95	1	1	4.289715
SU6_str	BOBJ1	243.13	After	Interior Girder 4	51.07	0.95	1	1	4.289715
SU6_str	BOBJ1	243.13	After	Interior Girder 5	51.07	0.95	1	1	4.917778
SU6_str	BOBJ1	243.13	After	Interior Girder 6	51.07	0.95	1	1	5.272471
SU6_str	BOBJ1	243.13	After	Right Exterior Girder	51.07	0.95	1	1	8.720065
SU6_str	BOBJ1	248.89	Before	Left Exterior Girder	56.83	0.95	1	1	411.819707
SU6_str	BOBJ1	248.89	Before	Interior Girder 1	56.83	0.95	1	1	363.003976
SU6_str	BOBJ1	248.89	Before	Interior Girder 2	56.83	0.95	1	1	229.985964
SU6_str	BOBJ1	248.89	Before	Interior Girder 3	56.83	0.95	1	1	179.817961
SU6_str	BOBJ1	248.89	Before	Interior Girder 4	56.83	0.95	1	1	179.817961
SU6_str	BOBJ1	248.89	Before	Interior Girder 5	56.83	0.95	1	1	229.985964
SU6_str	BOBJ1	248.89	Before	Interior Girder 6	56.83	0.95	1	1	363.003976
SU6_str	BOBJ1	248.89	Before	Right Exterior Girder	56.83	0.95	1	1	411.819707
SU7_str	BOBJ1	0	After	Left Exterior Girder	0	0.95	1	1	222.967909
SU7_str	BOBJ1	0	After	Interior Girder 1	0	0.95	1	1	208.464979
SU7_str	BOBJ1	0	After	Interior Girder 2	0	0.95	1	1	148.818664
SU7_str	BOBJ1	0	After	Interior Girder 3	0	0.95	1	1	121.210298
SU7_str	BOBJ1	0	After	Interior Girder 4	0	0.95	1	1	121.210298
SU7_str	BOBJ1	0	After	Interior Girder 5	0	0.95	1	1	148.818664
SU7_str	BOBJ1	0	After	Interior Girder 6	0	0.95	1	1	208.464979
SU7_str	BOBJ1	0	After	Right Exterior Girder	0	0.95	1	1	222.967909
SU7_str	BOBJ1	5.85	Before	Left Exterior Girder	5.85	0.95	1	1	5.93665
SU7_str	BOBJ1	5.85	Before	Interior Girder 1	5.85	0.95	1	1	4.303652
SU7_str	BOBJ1	5.85	Before	Interior Girder 2	5.85	0.95	1	1	3.924482
SU7_str	BOBJ1	5.85	Before	Interior Girder 3	5.85	0.95	1	1	3.567392
SU7_str	BOBJ1	5.85	Before	Interior Girder 4	5.85	0.95	1	1	3.567392
SU7_str	BOBJ1	5.85	Before	Interior Girder 5	5.85	0.95	1	1	3.924482
SU7_str	BOBJ1	5.85	Before	Interior Girder 6	5.85	0.95	1	1	4.303652
SU7_str	BOBJ1	5.85	Before	Right Exterior Girder	5.85	0.95	1	1	5.93665
SU7_str	BOBJ1	5.85	After	Left Exterior Girder	5.85	0.95	1	1	5.909666
SU7_str	BOBJ1	5.85	After	Interior Girder 1	5.85	0.95	1	1	4.3144
SU7_str	BOBJ1	5.85	After	Interior Girder 2	5.85	0.95	1	1	3.983407
SU7_str	BOBJ1	5.85	After	Interior Girder 3	5.85	0.95	1	1	3.689355
SU7_str	BOBJ1	5.85	After	Interior Girder 4	5.85	0.95	1	1	3.689355
SU7_str	BOBJ1	5.85	After	Interior Girder 5	5.85	0.95	1	1	3.983407
SU7_str	BOBJ1	5.85	After	Interior Girder 6	5.85	0.95	1	1	4.3144
SU7_str	BOBJ1	5.85	After	Right Exterior Girder	5.85	0.95	1	1	5.909666
SU7_str	BOBJ1	11.4667	Before	Left Exterior Girder	11.4667	0.95	1	1	3.167091

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelINonCompStrgth-Flx - Approach, Span 12-1									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
SU7_str	BOBJ1	11.4667	Before	Interior Girder 1	11.4667	0.95	1	1	2.267896
SU7_str	BOBJ1	11.4667	Before	Interior Girder 2	11.4667	0.95	1	1	2.118256
SU7_str	BOBJ1	11.4667	Before	Interior Girder 3	11.4667	0.95	1	1	1.980421
SU7_str	BOBJ1	11.4667	Before	Interior Girder 4	11.4667	0.95	1	1	1.980421
SU7_str	BOBJ1	11.4667	Before	Interior Girder 5	11.4667	0.95	1	1	2.118256
SU7_str	BOBJ1	11.4667	Before	Interior Girder 6	11.4667	0.95	1	1	2.267896
SU7_str	BOBJ1	11.4667	Before	Right Exterior Girder	11.4667	0.95	1	1	3.167091
SU7_str	BOBJ1	11.4667	After	Left Exterior Girder	11.4667	0.95	1	1	3.195779
SU7_str	BOBJ1	11.4667	After	Interior Girder 1	11.4667	0.95	1	1	2.251372
SU7_str	BOBJ1	11.4667	After	Interior Girder 2	11.4667	0.95	1	1	2.136427
SU7_str	BOBJ1	11.4667	After	Interior Girder 3	11.4667	0.95	1	1	2.020621
SU7_str	BOBJ1	11.4667	After	Interior Girder 4	11.4667	0.95	1	1	2.020621
SU7_str	BOBJ1	11.4667	After	Interior Girder 5	11.4667	0.95	1	1	2.136427
SU7_str	BOBJ1	11.4667	After	Interior Girder 6	11.4667	0.95	1	1	2.251372
SU7_str	BOBJ1	11.4667	After	Right Exterior Girder	11.4667	0.95	1	1	3.195779
SU7_str	BOBJ1	17.0833	Before	Left Exterior Girder	17.0833	0.95	1	1	2.291976
SU7_str	BOBJ1	17.0833	Before	Interior Girder 1	17.0833	0.95	1	1	1.752748
SU7_str	BOBJ1	17.0833	Before	Interior Girder 2	17.0833	0.95	1	1	1.667224
SU7_str	BOBJ1	17.0833	Before	Interior Girder 3	17.0833	0.95	1	1	1.606523
SU7_str	BOBJ1	17.0833	Before	Interior Girder 4	17.0833	0.95	1	1	1.606523
SU7_str	BOBJ1	17.0833	Before	Interior Girder 5	17.0833	0.95	1	1	1.667224
SU7_str	BOBJ1	17.0833	Before	Interior Girder 6	17.0833	0.95	1	1	1.752748
SU7_str	BOBJ1	17.0833	Before	Right Exterior Girder	17.0833	0.95	1	1	2.291976
SU7_str	BOBJ1	17.0833	After	Left Exterior Girder	17.0833	0.95	1	1	2.289929
SU7_str	BOBJ1	17.0833	After	Interior Girder 1	17.0833	0.95	1	1	1.755751
SU7_str	BOBJ1	17.0833	After	Interior Girder 2	17.0833	0.95	1	1	1.68644
SU7_str	BOBJ1	17.0833	After	Interior Girder 3	17.0833	0.95	1	1	1.629663
SU7_str	BOBJ1	17.0833	After	Interior Girder 4	17.0833	0.95	1	1	1.629663
SU7_str	BOBJ1	17.0833	After	Interior Girder 5	17.0833	0.95	1	1	1.68644
SU7_str	BOBJ1	17.0833	After	Interior Girder 6	17.0833	0.95	1	1	1.755751
SU7_str	BOBJ1	17.0833	After	Right Exterior Girder	17.0833	0.95	1	1	2.289929
SU7_str	BOBJ1	22.7	Before	Left Exterior Girder	22.7	0.95	1	1	2.015948
SU7_str	BOBJ1	22.7	Before	Interior Girder 1	22.7	0.95	1	1	1.687701
SU7_str	BOBJ1	22.7	Before	Interior Girder 2	22.7	0.95	1	1	1.610125
SU7_str	BOBJ1	22.7	Before	Interior Girder 3	22.7	0.95	1	1	1.579353
SU7_str	BOBJ1	22.7	Before	Interior Girder 4	22.7	0.95	1	1	1.579353
SU7_str	BOBJ1	22.7	Before	Interior Girder 5	22.7	0.95	1	1	1.610125
SU7_str	BOBJ1	22.7	Before	Interior Girder 6	22.7	0.95	1	1	1.687701
SU7_str	BOBJ1	22.7	Before	Right Exterior Girder	22.7	0.95	1	1	2.015948
SU7_str	BOBJ1	22.7	After	Left Exterior Girder	22.7	0.95	1	1	2.02577
SU7_str	BOBJ1	22.7	After	Interior Girder 1	22.7	0.95	1	1	1.680155
SU7_str	BOBJ1	22.7	After	Interior Girder 2	22.7	0.95	1	1	1.608318
SU7_str	BOBJ1	22.7	After	Interior Girder 3	22.7	0.95	1	1	1.575725
SU7_str	BOBJ1	22.7	After	Interior Girder 4	22.7	0.95	1	1	1.575725
SU7_str	BOBJ1	22.7	After	Interior Girder 5	22.7	0.95	1	1	1.608318
SU7_str	BOBJ1	22.7	After	Interior Girder 6	22.7	0.95	1	1	1.680155
SU7_str	BOBJ1	22.7	After	Right Exterior Girder	22.7	0.95	1	1	2.02577
SU7_str	BOBJ1	28.3167	Before	Left Exterior Girder	28.3167	0.95	1	1	2.213126
SU7_str	BOBJ1	28.3167	Before	Interior Girder 1	28.3167	0.95	1	1	1.710327
SU7_str	BOBJ1	28.3167	Before	Interior Girder 2	28.3167	0.95	1	1	1.63869
SU7_str	BOBJ1	28.3167	Before	Interior Girder 3	28.3167	0.95	1	1	1.604432
SU7_str	BOBJ1	28.3167	Before	Interior Girder 4	28.3167	0.95	1	1	1.604432
SU7_str	BOBJ1	28.3167	Before	Interior Girder 5	28.3167	0.95	1	1	1.63869
SU7_str	BOBJ1	28.3167	Before	Interior Girder 6	28.3167	0.95	1	1	1.710327
SU7_str	BOBJ1	28.3167	Before	Right Exterior Girder	28.3167	0.95	1	1	2.213126
SU7_str	BOBJ1	28.3167	After	Left Exterior Girder	28.3167	0.95	1	1	2.220407
SU7_str	BOBJ1	28.3167	After	Interior Girder 1	28.3167	0.95	1	1	1.707267
SU7_str	BOBJ1	28.3167	After	Interior Girder 2	28.3167	0.95	1	1	1.633
SU7_str	BOBJ1	28.3167	After	Interior Girder 3	28.3167	0.95	1	1	1.597183
SU7_str	BOBJ1	28.3167	After	Interior Girder 4	28.3167	0.95	1	1	1.597183
SU7_str	BOBJ1	28.3167	After	Interior Girder 5	28.3167	0.95	1	1	1.633
SU7_str	BOBJ1	28.3167	After	Interior Girder 6	28.3167	0.95	1	1	1.707267
SU7_str	BOBJ1	28.3167	After	Right Exterior Girder	28.3167	0.95	1	1	2.220407
SU7_str	BOBJ1	33.9333	Before	Left Exterior Girder	33.9333	0.95	1	1	2.728531
SU7_str	BOBJ1	33.9333	Before	Interior Girder 1	33.9333	0.95	1	1	2.014161

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelINonCompStrgth-Flx - Approach, Span 12-1									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
SU7_str	BOBJ1	33.9333	Before	Interior Girder 2	33.9333	0.95	1	1	1.916272
SU7_str	BOBJ1	33.9333	Before	Interior Girder 3	33.9333	0.95	1	1	1.883623
SU7_str	BOBJ1	33.9333	Before	Interior Girder 4	33.9333	0.95	1	1	1.883623
SU7_str	BOBJ1	33.9333	Before	Interior Girder 5	33.9333	0.95	1	1	1.916272
SU7_str	BOBJ1	33.9333	Before	Interior Girder 6	33.9333	0.95	1	1	2.014161
SU7_str	BOBJ1	33.9333	Before	Right Exterior Girder	33.9333	0.95	1	1	2.728531
SU7_str	BOBJ1	33.9333	After	Left Exterior Girder	33.9333	0.95	1	1	2.697267
SU7_str	BOBJ1	33.9333	After	Interior Girder 1	33.9333	0.95	1	1	2.029674
SU7_str	BOBJ1	33.9333	After	Interior Girder 2	33.9333	0.95	1	1	1.917827
SU7_str	BOBJ1	33.9333	After	Interior Girder 3	33.9333	0.95	1	1	1.869174
SU7_str	BOBJ1	33.9333	After	Interior Girder 4	33.9333	0.95	1	1	1.869174
SU7_str	BOBJ1	33.9333	After	Interior Girder 5	33.9333	0.95	1	1	1.917827
SU7_str	BOBJ1	33.9333	After	Interior Girder 6	33.9333	0.95	1	1	2.029674
SU7_str	BOBJ1	33.9333	After	Right Exterior Girder	33.9333	0.95	1	1	2.697267
SU7_str	BOBJ1	39.55	Before	Left Exterior Girder	39.55	0.95	1	1	3.789099
SU7_str	BOBJ1	39.55	Before	Interior Girder 1	39.55	0.95	1	1	2.892665
SU7_str	BOBJ1	39.55	Before	Interior Girder 2	39.55	0.95	1	1	2.680522
SU7_str	BOBJ1	39.55	Before	Interior Girder 3	39.55	0.95	1	1	2.650024
SU7_str	BOBJ1	39.55	Before	Interior Girder 4	39.55	0.95	1	1	2.650024
SU7_str	BOBJ1	39.55	Before	Interior Girder 5	39.55	0.95	1	1	2.680522
SU7_str	BOBJ1	39.55	Before	Interior Girder 6	39.55	0.95	1	1	2.892665
SU7_str	BOBJ1	39.55	Before	Right Exterior Girder	39.55	0.95	1	1	3.789099
SU7_str	BOBJ1	39.55	After	Left Exterior Girder	39.55	0.95	1	1	3.773186
SU7_str	BOBJ1	39.55	After	Interior Girder 1	39.55	0.95	1	1	2.897119
SU7_str	BOBJ1	39.55	After	Interior Girder 2	39.55	0.95	1	1	2.657787
SU7_str	BOBJ1	39.55	After	Interior Girder 3	39.55	0.95	1	1	2.596862
SU7_str	BOBJ1	39.55	After	Interior Girder 4	39.55	0.95	1	1	2.596862
SU7_str	BOBJ1	39.55	After	Interior Girder 5	39.55	0.95	1	1	2.657787
SU7_str	BOBJ1	39.55	After	Interior Girder 6	39.55	0.95	1	1	2.897119
SU7_str	BOBJ1	39.55	After	Right Exterior Girder	39.55	0.95	1	1	3.773186
SU7_str	BOBJ1	45.1733	Before	Left Exterior Girder	45.1226	0.95	1	1	3.712805
SU7_str	BOBJ1	45.1733	Before	Interior Girder 1	45.1226	0.95	1	1	3.840684
SU7_str	BOBJ1	45.1733	Before	Interior Girder 2	45.1226	0.95	1	1	3.689784
SU7_str	BOBJ1	45.1733	Before	Interior Girder 3	45.1226	0.95	1	1	3.743978
SU7_str	BOBJ1	45.1733	Before	Interior Girder 4	45.1226	0.95	1	1	3.743978
SU7_str	BOBJ1	45.1733	Before	Interior Girder 5	45.1226	0.95	1	1	3.689784
SU7_str	BOBJ1	45.1733	Before	Interior Girder 6	45.1226	0.95	1	1	3.840684
SU7_str	BOBJ1	45.1733	Before	Right Exterior Girder	45.1226	0.95	1	1	3.712805
SU7_str	BOBJ1	45.1733	After	Left Exterior Girder	45.1226	0.95	1	1	2.969656
SU7_str	BOBJ1	45.1733	After	Interior Girder 1	45.1226	0.95	1	1	3.064996
SU7_str	BOBJ1	45.1733	After	Interior Girder 2	45.1226	0.95	1	1	2.930512
SU7_str	BOBJ1	45.1733	After	Interior Girder 3	45.1226	0.95	1	1	2.990004
SU7_str	BOBJ1	45.1733	After	Interior Girder 4	45.1226	0.95	1	1	2.990004
SU7_str	BOBJ1	45.1733	After	Interior Girder 5	45.1226	0.95	1	1	2.930512
SU7_str	BOBJ1	45.1733	After	Interior Girder 6	45.1226	0.95	1	1	3.064996
SU7_str	BOBJ1	45.1733	After	Right Exterior Girder	45.1226	0.95	1	1	2.969656
SU7_str	BOBJ1	49.2561	Before	Left Exterior Girder	49.2561	0.95	1	1	2.098938
SU7_str	BOBJ1	49.2561	Before	Right Exterior Girder	49.2561	0.95	1	1	2.098938
SU7_str	BOBJ1	49.2561	After	Left Exterior Girder	49.2561	0.95	1	1	2.132586
SU7_str	BOBJ1	49.2561	After	Right Exterior Girder	49.2561	0.95	1	1	2.132586
SU7_str	BOBJ1	50.7967	Before	Left Exterior Girder	50.7967	0.95	1	1	4.466283
SU7_str	BOBJ1	50.7967	Before	Interior Girder 1	50.7967	0.95	1	1	2.160101
SU7_str	BOBJ1	50.7967	Before	Interior Girder 2	50.7967	0.95	1	1	2.067571
SU7_str	BOBJ1	50.7967	Before	Interior Girder 3	50.7967	0.95	1	1	1.963282
SU7_str	BOBJ1	50.7967	Before	Interior Girder 4	50.7967	0.95	1	1	1.963282
SU7_str	BOBJ1	50.7967	Before	Interior Girder 5	50.7967	0.95	1	1	2.067571
SU7_str	BOBJ1	50.7967	Before	Interior Girder 6	50.7967	0.95	1	1	2.160101
SU7_str	BOBJ1	50.7967	Before	Right Exterior Girder	50.7967	0.95	1	1	4.466283
SU7_str	BOBJ1	50.7967	After	Left Exterior Girder	50.7967	0.95	1	1	4.438389
SU7_str	BOBJ1	50.7967	After	Interior Girder 1	50.7967	0.95	1	1	2.154633
SU7_str	BOBJ1	50.7967	After	Interior Girder 2	50.7967	0.95	1	1	2.051993
SU7_str	BOBJ1	50.7967	After	Interior Girder 3	50.7967	0.95	1	1	1.956987
SU7_str	BOBJ1	50.7967	After	Interior Girder 4	50.7967	0.95	1	1	1.956987
SU7_str	BOBJ1	50.7967	After	Interior Girder 5	50.7967	0.95	1	1	2.051993
SU7_str	BOBJ1	50.7967	After	Interior Girder 6	50.7967	0.95	1	1	2.154633

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelINonCompStrgth-Flx - Approach, Span 12-1									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
SU7_str	BOBJ1	50.7967	After	Right Exterior Girder	50.7967	0.95	1	1	4.438389
SU7_str	BOBJ1	51.3989	Before	Interior Girder 1	51.3989	0.95	1	1	2.05009
SU7_str	BOBJ1	51.3989	Before	Interior Girder 2	51.3989	0.95	1	1	1.968267
SU7_str	BOBJ1	51.3989	Before	Interior Girder 3	51.3989	0.95	1	1	1.857874
SU7_str	BOBJ1	51.3989	Before	Interior Girder 4	51.3989	0.95	1	1	1.857874
SU7_str	BOBJ1	51.3989	Before	Interior Girder 5	51.3989	0.95	1	1	1.968267
SU7_str	BOBJ1	51.3989	Before	Interior Girder 6	51.3989	0.95	1	1	2.05009
SU7_str	BOBJ1	51.3989	After	Interior Girder 1	51.3989	0.95	1	1	3.133406
SU7_str	BOBJ1	51.3989	After	Interior Girder 2	51.3989	0.95	1	1	2.971523
SU7_str	BOBJ1	51.3989	After	Interior Girder 3	51.3989	0.95	1	1	2.844711
SU7_str	BOBJ1	51.3989	After	Interior Girder 4	51.3989	0.95	1	1	2.844711
SU7_str	BOBJ1	51.3989	After	Interior Girder 5	51.3989	0.95	1	1	2.971523
SU7_str	BOBJ1	51.3989	After	Interior Girder 6	51.3989	0.95	1	1	3.133406
SU7_str	BOBJ1	56.42	Before	Left Exterior Girder	56.42	0.95	1	1	3.089006
SU7_str	BOBJ1	56.42	Before	Interior Girder 1	56.42	0.95	1	1	2.253245
SU7_str	BOBJ1	56.42	Before	Interior Girder 2	56.42	0.95	1	1	2.092173
SU7_str	BOBJ1	56.42	Before	Interior Girder 3	56.42	0.95	1	1	1.765136
SU7_str	BOBJ1	56.42	Before	Interior Girder 4	56.42	0.95	1	1	1.765136
SU7_str	BOBJ1	56.42	Before	Interior Girder 5	56.42	0.95	1	1	2.092173
SU7_str	BOBJ1	56.42	Before	Interior Girder 6	56.42	0.95	1	1	2.253245
SU7_str	BOBJ1	56.42	Before	Right Exterior Girder	56.42	0.95	1	1	3.089006
SU7_str	BOBJ1	56.42	After	Left Exterior Girder	0	0.95	1	1	3.1806
SU7_str	BOBJ1	56.42	After	Interior Girder 1	0	0.95	1	1	2.042024
SU7_str	BOBJ1	56.42	After	Interior Girder 2	0	0.95	1	1	1.956847
SU7_str	BOBJ1	56.42	After	Interior Girder 3	0	0.95	1	1	1.655627
SU7_str	BOBJ1	56.42	After	Interior Girder 4	0	0.95	1	1	1.655627
SU7_str	BOBJ1	56.42	After	Interior Girder 5	0	0.95	1	1	1.956847
SU7_str	BOBJ1	56.42	After	Interior Girder 6	0	0.95	1	1	2.042024
SU7_str	BOBJ1	56.42	After	Right Exterior Girder	0	0.95	1	1	3.1806
SU7_str	BOBJ1	62.0367	Before	Left Exterior Girder	5.6167	0.95	1	1	5.721849
SU7_str	BOBJ1	62.0367	Before	Interior Girder 1	5.6167	0.95	1	1	3.95368
SU7_str	BOBJ1	62.0367	Before	Interior Girder 2	5.6167	0.95	1	1	3.681505
SU7_str	BOBJ1	62.0367	Before	Interior Girder 3	5.6167	0.95	1	1	3.453232
SU7_str	BOBJ1	62.0367	Before	Interior Girder 4	5.6167	0.95	1	1	3.453232
SU7_str	BOBJ1	62.0367	Before	Interior Girder 5	5.6167	0.95	1	1	3.681505
SU7_str	BOBJ1	62.0367	Before	Interior Girder 6	5.6167	0.95	1	1	3.95368
SU7_str	BOBJ1	62.0367	Before	Right Exterior Girder	5.6167	0.95	1	1	5.721849
SU7_str	BOBJ1	62.0367	After	Left Exterior Girder	5.6167	0.95	1	1	5.655915
SU7_str	BOBJ1	62.0367	After	Interior Girder 1	5.6167	0.95	1	1	4.022555
SU7_str	BOBJ1	62.0367	After	Interior Girder 2	5.6167	0.95	1	1	3.742435
SU7_str	BOBJ1	62.0367	After	Interior Girder 3	5.6167	0.95	1	1	3.511052
SU7_str	BOBJ1	62.0367	After	Interior Girder 4	5.6167	0.95	1	1	3.511052
SU7_str	BOBJ1	62.0367	After	Interior Girder 5	5.6167	0.95	1	1	3.742435
SU7_str	BOBJ1	62.0367	After	Interior Girder 6	5.6167	0.95	1	1	4.022555
SU7_str	BOBJ1	62.0367	After	Right Exterior Girder	5.6167	0.95	1	1	5.655915
SU7_str	BOBJ1	62.4203	Before	Interior Girder 1	6.0003	0.95	1	1	4.113383
SU7_str	BOBJ1	62.4203	Before	Interior Girder 2	6.0003	0.95	1	1	3.81858
SU7_str	BOBJ1	62.4203	Before	Interior Girder 3	6.0003	0.95	1	1	3.603042
SU7_str	BOBJ1	62.4203	Before	Interior Girder 4	6.0003	0.95	1	1	3.603042
SU7_str	BOBJ1	62.4203	Before	Interior Girder 5	6.0003	0.95	1	1	3.81858
SU7_str	BOBJ1	62.4203	Before	Interior Girder 6	6.0003	0.95	1	1	4.113383
SU7_str	BOBJ1	62.4203	After	Interior Girder 1	6.0003	0.95	1	1	2.697248
SU7_str	BOBJ1	62.4203	After	Interior Girder 2	6.0003	0.95	1	1	2.545354
SU7_str	BOBJ1	62.4203	After	Interior Girder 3	6.0003	0.95	1	1	2.363551
SU7_str	BOBJ1	62.4203	After	Interior Girder 4	6.0003	0.95	1	1	2.363551
SU7_str	BOBJ1	62.4203	After	Interior Girder 5	6.0003	0.95	1	1	2.545354
SU7_str	BOBJ1	62.4203	After	Interior Girder 6	6.0003	0.95	1	1	2.697248
SU7_str	BOBJ1	64.9204	Before	Left Exterior Girder	8.5004	0.95	1	1	6.564237
SU7_str	BOBJ1	64.9204	Before	Right Exterior Girder	8.5004	0.95	1	1	6.564237
SU7_str	BOBJ1	64.9204	After	Left Exterior Girder	8.5004	0.95	1	1	2.965323
SU7_str	BOBJ1	64.9204	After	Right Exterior Girder	8.5004	0.95	1	1	2.965323
SU7_str	BOBJ1	67.6533	Before	Left Exterior Girder	11.2333	0.95	1	1	3.69326
SU7_str	BOBJ1	67.6533	Before	Interior Girder 1	11.2333	0.95	1	1	3.730146
SU7_str	BOBJ1	67.6533	Before	Interior Girder 2	11.2333	0.95	1	1	3.513357
SU7_str	BOBJ1	67.6533	Before	Interior Girder 3	11.2333	0.95	1	1	3.512048

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelINonCompStrgth-Flx - Approach, Span 12-1									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
SU7_str	BOBJ1	67.6533	Before	Interior Girder 4	11.2333	0.95	1	1	3.512048
SU7_str	BOBJ1	67.6533	Before	Interior Girder 5	11.2333	0.95	1	1	3.513357
SU7_str	BOBJ1	67.6533	Before	Interior Girder 6	11.2333	0.95	1	1	3.730146
SU7_str	BOBJ1	67.6533	Before	Right Exterior Girder	11.2333	0.95	1	1	3.69326
SU7_str	BOBJ1	67.6533	After	Left Exterior Girder	11.2333	0.95	1	1	3.653676
SU7_str	BOBJ1	67.6533	After	Interior Girder 1	11.2333	0.95	1	1	3.76504
SU7_str	BOBJ1	67.6533	After	Interior Girder 2	11.2333	0.95	1	1	3.564993
SU7_str	BOBJ1	67.6533	After	Interior Girder 3	11.2333	0.95	1	1	3.54691
SU7_str	BOBJ1	67.6533	After	Interior Girder 4	11.2333	0.95	1	1	3.54691
SU7_str	BOBJ1	67.6533	After	Interior Girder 5	11.2333	0.95	1	1	3.564993
SU7_str	BOBJ1	67.6533	After	Interior Girder 6	11.2333	0.95	1	1	3.76504
SU7_str	BOBJ1	67.6533	After	Right Exterior Girder	11.2333	0.95	1	1	3.653676
SU7_str	BOBJ1	73.27	Before	Left Exterior Girder	16.85	0.95	1	1	3.684732
SU7_str	BOBJ1	73.27	Before	Interior Girder 1	16.85	0.95	1	1	2.830454
SU7_str	BOBJ1	73.27	Before	Interior Girder 2	16.85	0.95	1	1	2.568363
SU7_str	BOBJ1	73.27	Before	Interior Girder 3	16.85	0.95	1	1	2.492861
SU7_str	BOBJ1	73.27	Before	Interior Girder 4	16.85	0.95	1	1	2.492861
SU7_str	BOBJ1	73.27	Before	Interior Girder 5	16.85	0.95	1	1	2.568363
SU7_str	BOBJ1	73.27	Before	Interior Girder 6	16.85	0.95	1	1	2.830454
SU7_str	BOBJ1	73.27	Before	Right Exterior Girder	16.85	0.95	1	1	3.684732
SU7_str	BOBJ1	73.27	After	Left Exterior Girder	16.85	0.95	1	1	3.734676
SU7_str	BOBJ1	73.27	After	Interior Girder 1	16.85	0.95	1	1	2.800855
SU7_str	BOBJ1	73.27	After	Interior Girder 2	16.85	0.95	1	1	2.574169
SU7_str	BOBJ1	73.27	After	Interior Girder 3	16.85	0.95	1	1	2.534663
SU7_str	BOBJ1	73.27	After	Interior Girder 4	16.85	0.95	1	1	2.534663
SU7_str	BOBJ1	73.27	After	Interior Girder 5	16.85	0.95	1	1	2.574169
SU7_str	BOBJ1	73.27	After	Interior Girder 6	16.85	0.95	1	1	2.800855
SU7_str	BOBJ1	73.27	After	Right Exterior Girder	16.85	0.95	1	1	3.734676
SU7_str	BOBJ1	78.8867	Before	Left Exterior Girder	22.4667	0.95	1	1	2.500508
SU7_str	BOBJ1	78.8867	Before	Interior Girder 1	22.4667	0.95	1	1	1.90586
SU7_str	BOBJ1	78.8867	Before	Interior Girder 2	22.4667	0.95	1	1	1.790259
SU7_str	BOBJ1	78.8867	Before	Interior Girder 3	22.4667	0.95	1	1	1.736525
SU7_str	BOBJ1	78.8867	Before	Interior Girder 4	22.4667	0.95	1	1	1.736525
SU7_str	BOBJ1	78.8867	Before	Interior Girder 5	22.4667	0.95	1	1	1.790259
SU7_str	BOBJ1	78.8867	Before	Interior Girder 6	22.4667	0.95	1	1	1.90586
SU7_str	BOBJ1	78.8867	Before	Right Exterior Girder	22.4667	0.95	1	1	2.500508
SU7_str	BOBJ1	78.8867	After	Left Exterior Girder	22.4667	0.95	1	1	2.540122
SU7_str	BOBJ1	78.8867	After	Interior Girder 1	22.4667	0.95	1	1	1.886759
SU7_str	BOBJ1	78.8867	After	Interior Girder 2	22.4667	0.95	1	1	1.786948
SU7_str	BOBJ1	78.8867	After	Interior Girder 3	22.4667	0.95	1	1	1.752681
SU7_str	BOBJ1	78.8867	After	Interior Girder 4	22.4667	0.95	1	1	1.752681
SU7_str	BOBJ1	78.8867	After	Interior Girder 5	22.4667	0.95	1	1	1.786948
SU7_str	BOBJ1	78.8867	After	Interior Girder 6	22.4667	0.95	1	1	1.886759
SU7_str	BOBJ1	78.8867	After	Right Exterior Girder	22.4667	0.95	1	1	2.540122
SU7_str	BOBJ1	84.5033	Before	Left Exterior Girder	28.0833	0.95	1	1	1.970991
SU7_str	BOBJ1	84.5033	Before	Interior Girder 1	28.0833	0.95	1	1	1.574417
SU7_str	BOBJ1	84.5033	Before	Interior Girder 2	28.0833	0.95	1	1	1.501076
SU7_str	BOBJ1	84.5033	Before	Interior Girder 3	28.0833	0.95	1	1	1.467894
SU7_str	BOBJ1	84.5033	Before	Interior Girder 4	28.0833	0.95	1	1	1.467894
SU7_str	BOBJ1	84.5033	Before	Interior Girder 5	28.0833	0.95	1	1	1.501076
SU7_str	BOBJ1	84.5033	Before	Interior Girder 6	28.0833	0.95	1	1	1.574417
SU7_str	BOBJ1	84.5033	Before	Right Exterior Girder	28.0833	0.95	1	1	1.970991
SU7_str	BOBJ1	84.5033	After	Left Exterior Girder	28.0833	0.95	1	1	1.970684
SU7_str	BOBJ1	84.5033	After	Interior Girder 1	28.0833	0.95	1	1	1.574789
SU7_str	BOBJ1	84.5033	After	Interior Girder 2	28.0833	0.95	1	1	1.50587
SU7_str	BOBJ1	84.5033	After	Interior Girder 3	28.0833	0.95	1	1	1.475035
SU7_str	BOBJ1	84.5033	After	Interior Girder 4	28.0833	0.95	1	1	1.475035
SU7_str	BOBJ1	84.5033	After	Interior Girder 5	28.0833	0.95	1	1	1.50587
SU7_str	BOBJ1	84.5033	After	Interior Girder 6	28.0833	0.95	1	1	1.574789
SU7_str	BOBJ1	84.5033	After	Right Exterior Girder	28.0833	0.95	1	1	1.970684
SU7_str	BOBJ1	90.12	Before	Left Exterior Girder	33.7	0.95	1	1	1.74324
SU7_str	BOBJ1	90.12	Before	Interior Girder 1	33.7	0.95	1	1	1.536086
SU7_str	BOBJ1	90.12	Before	Interior Girder 2	33.7	0.95	1	1	1.469053
SU7_str	BOBJ1	90.12	Before	Interior Girder 3	33.7	0.95	1	1	1.449634
SU7_str	BOBJ1	90.12	Before	Interior Girder 4	33.7	0.95	1	1	1.449634

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelINonCompStrgth-Flx - Approach, Span 12-1									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
SU7_str	BOBJ1	90.12	Before	Interior Girder 5	33.7	0.95	1	1	1.469053
SU7_str	BOBJ1	90.12	Before	Interior Girder 6	33.7	0.95	1	1	1.536086
SU7_str	BOBJ1	90.12	Before	Right Exterior Girder	33.7	0.95	1	1	1.74324
SU7_str	BOBJ1	90.12	After	Left Exterior Girder	33.7	0.95	1	1	1.74902
SU7_str	BOBJ1	90.12	After	Interior Girder 1	33.7	0.95	1	1	1.532201
SU7_str	BOBJ1	90.12	After	Interior Girder 2	33.7	0.95	1	1	1.466379
SU7_str	BOBJ1	90.12	After	Interior Girder 3	33.7	0.95	1	1	1.446291
SU7_str	BOBJ1	90.12	After	Interior Girder 4	33.7	0.95	1	1	1.446291
SU7_str	BOBJ1	90.12	After	Interior Girder 5	33.7	0.95	1	1	1.466379
SU7_str	BOBJ1	90.12	After	Interior Girder 6	33.7	0.95	1	1	1.532201
SU7_str	BOBJ1	90.12	After	Right Exterior Girder	33.7	0.95	1	1	1.74902
SU7_str	BOBJ1	95.7367	Before	Left Exterior Girder	39.3167	0.95	1	1	1.952724
SU7_str	BOBJ1	95.7367	Before	Interior Girder 1	39.3167	0.95	1	1	1.564038
SU7_str	BOBJ1	95.7367	Before	Interior Girder 2	39.3167	0.95	1	1	1.49626
SU7_str	BOBJ1	95.7367	Before	Interior Girder 3	39.3167	0.95	1	1	1.467312
SU7_str	BOBJ1	95.7367	Before	Interior Girder 4	39.3167	0.95	1	1	1.467312
SU7_str	BOBJ1	95.7367	Before	Interior Girder 5	39.3167	0.95	1	1	1.49626
SU7_str	BOBJ1	95.7367	Before	Interior Girder 6	39.3167	0.95	1	1	1.564038
SU7_str	BOBJ1	95.7367	Before	Right Exterior Girder	39.3167	0.95	1	1	1.952724
SU7_str	BOBJ1	95.7367	After	Left Exterior Girder	39.3167	0.95	1	1	1.954506
SU7_str	BOBJ1	95.7367	After	Interior Girder 1	39.3167	0.95	1	1	1.563005
SU7_str	BOBJ1	95.7367	After	Interior Girder 2	39.3167	0.95	1	1	1.491614
SU7_str	BOBJ1	95.7367	After	Interior Girder 3	39.3167	0.95	1	1	1.460575
SU7_str	BOBJ1	95.7367	After	Interior Girder 4	39.3167	0.95	1	1	1.460575
SU7_str	BOBJ1	95.7367	After	Interior Girder 5	39.3167	0.95	1	1	1.491614
SU7_str	BOBJ1	95.7367	After	Interior Girder 6	39.3167	0.95	1	1	1.563005
SU7_str	BOBJ1	95.7367	After	Right Exterior Girder	39.3167	0.95	1	1	1.954506
SU7_str	BOBJ1	101.3533	Before	Left Exterior Girder	44.9333	0.95	1	1	2.482096
SU7_str	BOBJ1	101.3533	Before	Interior Girder 1	44.9333	0.95	1	1	1.864323
SU7_str	BOBJ1	101.3533	Before	Interior Girder 2	44.9333	0.95	1	1	1.766047
SU7_str	BOBJ1	101.3533	Before	Interior Girder 3	44.9333	0.95	1	1	1.737274
SU7_str	BOBJ1	101.3533	Before	Interior Girder 4	44.9333	0.95	1	1	1.737274
SU7_str	BOBJ1	101.3533	Before	Interior Girder 5	44.9333	0.95	1	1	1.766047
SU7_str	BOBJ1	101.3533	Before	Interior Girder 6	44.9333	0.95	1	1	1.864323
SU7_str	BOBJ1	101.3533	Before	Right Exterior Girder	44.9333	0.95	1	1	2.482096
SU7_str	BOBJ1	101.3533	After	Left Exterior Girder	44.9333	0.95	1	1	2.444416
SU7_str	BOBJ1	101.3533	After	Interior Girder 1	44.9333	0.95	1	1	1.882375
SU7_str	BOBJ1	101.3533	After	Interior Girder 2	44.9333	0.95	1	1	1.770093
SU7_str	BOBJ1	101.3533	After	Interior Girder 3	44.9333	0.95	1	1	1.722206
SU7_str	BOBJ1	101.3533	After	Interior Girder 4	44.9333	0.95	1	1	1.722206
SU7_str	BOBJ1	101.3533	After	Interior Girder 5	44.9333	0.95	1	1	1.770093
SU7_str	BOBJ1	101.3533	After	Interior Girder 6	44.9333	0.95	1	1	1.882375
SU7_str	BOBJ1	101.3533	After	Right Exterior Girder	44.9333	0.95	1	1	2.444416
SU7_str	BOBJ1	106.97	Before	Left Exterior Girder	50.55	0.95	1	1	3.570181
SU7_str	BOBJ1	106.97	Before	Interior Girder 1	50.55	0.95	1	1	2.74292
SU7_str	BOBJ1	106.97	Before	Interior Girder 2	50.55	0.95	1	1	2.521521
SU7_str	BOBJ1	106.97	Before	Interior Girder 3	50.55	0.95	1	1	2.494444
SU7_str	BOBJ1	106.97	Before	Interior Girder 4	50.55	0.95	1	1	2.494444
SU7_str	BOBJ1	106.97	Before	Interior Girder 5	50.55	0.95	1	1	2.521521
SU7_str	BOBJ1	106.97	Before	Interior Girder 6	50.55	0.95	1	1	2.74292
SU7_str	BOBJ1	106.97	Before	Right Exterior Girder	50.55	0.95	1	1	3.570181
SU7_str	BOBJ1	106.97	After	Left Exterior Girder	50.55	0.95	1	1	3.551184
SU7_str	BOBJ1	106.97	After	Interior Girder 1	50.55	0.95	1	1	2.751749
SU7_str	BOBJ1	106.97	After	Interior Girder 2	50.55	0.95	1	1	2.506014
SU7_str	BOBJ1	106.97	After	Interior Girder 3	50.55	0.95	1	1	2.443955
SU7_str	BOBJ1	106.97	After	Interior Girder 4	50.55	0.95	1	1	2.443955
SU7_str	BOBJ1	106.97	After	Interior Girder 5	50.55	0.95	1	1	2.506014
SU7_str	BOBJ1	106.97	After	Interior Girder 6	50.55	0.95	1	1	2.751749
SU7_str	BOBJ1	106.97	After	Right Exterior Girder	50.55	0.95	1	1	3.551184
SU7_str	BOBJ1	112.5933	Before	Left Exterior Girder	56.1733	0.95	1	1	3.016223
SU7_str	BOBJ1	112.5933	Before	Interior Girder 1	56.1733	0.95	1	1	3.180916
SU7_str	BOBJ1	112.5933	Before	Interior Girder 2	56.1733	0.95	1	1	3.035734
SU7_str	BOBJ1	112.5933	Before	Interior Girder 3	56.1733	0.95	1	1	3.062928
SU7_str	BOBJ1	112.5933	Before	Interior Girder 4	56.1733	0.95	1	1	3.062928
SU7_str	BOBJ1	112.5933	Before	Interior Girder 5	56.1733	0.95	1	1	3.035734

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelINonCompStrgth-Flx - Approach, Span 12-1									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
SU7_str	BOBJ1	112.5933	Before	Interior Girder 6	56.1733	0.95	1	1	3.180916
SU7_str	BOBJ1	112.5933	Before	Right Exterior Girder	56.1733	0.95	1	1	3.016223
SU7_str	BOBJ1	112.5933	After	Left Exterior Girder	56.1733	0.95	1	1	3.043835
SU7_str	BOBJ1	112.5933	After	Interior Girder 1	56.1733	0.95	1	1	3.157786
SU7_str	BOBJ1	112.5933	After	Interior Girder 2	56.1733	0.95	1	1	3.002787
SU7_str	BOBJ1	112.5933	After	Interior Girder 3	56.1733	0.95	1	1	3.042177
SU7_str	BOBJ1	112.5933	After	Interior Girder 4	56.1733	0.95	1	1	3.042177
SU7_str	BOBJ1	112.5933	After	Interior Girder 5	56.1733	0.95	1	1	3.002787
SU7_str	BOBJ1	112.5933	After	Interior Girder 6	56.1733	0.95	1	1	3.157786
SU7_str	BOBJ1	112.5933	After	Right Exterior Girder	56.1733	0.95	1	1	3.043835
SU7_str	BOBJ1	115.3396	Before	Left Exterior Girder	58.9196	0.95	1	1	2.428942
SU7_str	BOBJ1	115.3396	Before	Right Exterior Girder	58.9196	0.95	1	1	2.428942
SU7_str	BOBJ1	115.3396	After	Left Exterior Girder	58.9196	0.95	1	1	5.418678
SU7_str	BOBJ1	115.3396	After	Right Exterior Girder	58.9196	0.95	1	1	5.418678
SU7_str	BOBJ1	118.2167	Before	Left Exterior Girder	61.7967	0.95	1	1	4.665991
SU7_str	BOBJ1	118.2167	Before	Interior Girder 1	61.9198	0.95	1	1	2.194243
SU7_str	BOBJ1	118.2167	Before	Interior Girder 2	61.9198	0.95	1	1	2.110307
SU7_str	BOBJ1	118.2167	Before	Interior Girder 3	61.9198	0.95	1	1	1.986138
SU7_str	BOBJ1	118.2167	Before	Interior Girder 4	61.9198	0.95	1	1	1.986138
SU7_str	BOBJ1	118.2167	Before	Interior Girder 5	61.9198	0.95	1	1	2.110307
SU7_str	BOBJ1	118.2167	Before	Interior Girder 6	61.9198	0.95	1	1	2.194243
SU7_str	BOBJ1	118.2167	Before	Right Exterior Girder	61.7967	0.95	1	1	4.665991
SU7_str	BOBJ1	118.2167	After	Left Exterior Girder	61.7967	0.95	1	1	4.673781
SU7_str	BOBJ1	118.2167	After	Interior Girder 1	61.9198	0.95	1	1	3.378656
SU7_str	BOBJ1	118.2167	After	Interior Girder 2	61.9198	0.95	1	1	3.166285
SU7_str	BOBJ1	118.2167	After	Interior Girder 3	61.9198	0.95	1	1	3.030598
SU7_str	BOBJ1	118.2167	After	Interior Girder 4	61.9198	0.95	1	1	3.030598
SU7_str	BOBJ1	118.2167	After	Interior Girder 5	61.9198	0.95	1	1	3.166285
SU7_str	BOBJ1	118.2167	After	Interior Girder 6	61.9198	0.95	1	1	3.378656
SU7_str	BOBJ1	118.2167	After	Right Exterior Girder	61.7967	0.95	1	1	4.673781
SU7_str	BOBJ1	123.84	Before	Left Exterior Girder	67.42	0.95	1	1	3.203503
SU7_str	BOBJ1	123.84	Before	Interior Girder 1	67.42	0.95	1	1	2.144619
SU7_str	BOBJ1	123.84	Before	Interior Girder 2	67.42	0.95	1	1	1.995463
SU7_str	BOBJ1	123.84	Before	Interior Girder 3	67.42	0.95	1	1	1.659326
SU7_str	BOBJ1	123.84	Before	Interior Girder 4	67.42	0.95	1	1	1.659326
SU7_str	BOBJ1	123.84	Before	Interior Girder 5	67.42	0.95	1	1	1.995463
SU7_str	BOBJ1	123.84	Before	Interior Girder 6	67.42	0.95	1	1	2.144619
SU7_str	BOBJ1	123.84	Before	Right Exterior Girder	67.42	0.95	1	1	3.203503
SU7_str	BOBJ1	123.84	After	Left Exterior Girder	0	0.95	1	1	3.418609
SU7_str	BOBJ1	123.84	After	Interior Girder 1	0	0.95	1	1	2.285471
SU7_str	BOBJ1	123.84	After	Interior Girder 2	0	0.95	1	1	2.135549
SU7_str	BOBJ1	123.84	After	Interior Girder 3	0	0.95	1	1	1.775774
SU7_str	BOBJ1	123.84	After	Interior Girder 4	0	0.95	1	1	1.775774
SU7_str	BOBJ1	123.84	After	Interior Girder 5	0	0.95	1	1	2.135549
SU7_str	BOBJ1	123.84	After	Interior Girder 6	0	0.95	1	1	2.285471
SU7_str	BOBJ1	123.84	After	Right Exterior Girder	0	0.95	1	1	3.418609
SU7_str	BOBJ1	129.34	Before	Interior Girder 1	5.5	0.95	1	1	3.621268
SU7_str	BOBJ1	129.34	Before	Interior Girder 2	5.5	0.95	1	1	3.40553
SU7_str	BOBJ1	129.34	Before	Interior Girder 3	5.5	0.95	1	1	3.25584
SU7_str	BOBJ1	129.34	Before	Interior Girder 4	5.5	0.95	1	1	3.25584
SU7_str	BOBJ1	129.34	Before	Interior Girder 5	5.5	0.95	1	1	3.40553
SU7_str	BOBJ1	129.34	Before	Interior Girder 6	5.5	0.95	1	1	3.621268
SU7_str	BOBJ1	129.34	After	Interior Girder 1	5.5	0.95	1	1	2.393703
SU7_str	BOBJ1	129.34	After	Interior Girder 2	5.5	0.95	1	1	2.273582
SU7_str	BOBJ1	129.34	After	Interior Girder 3	5.5	0.95	1	1	2.146783
SU7_str	BOBJ1	129.34	After	Interior Girder 4	5.5	0.95	1	1	2.146783
SU7_str	BOBJ1	129.34	After	Interior Girder 5	5.5	0.95	1	1	2.273582
SU7_str	BOBJ1	129.34	After	Interior Girder 6	5.5	0.95	1	1	2.393703
SU7_str	BOBJ1	130.79	Before	Left Exterior Girder	6.95	0.95	1	1	5.350424
SU7_str	BOBJ1	130.79	Before	Interior Girder 1	6.95	0.95	1	1	2.660167
SU7_str	BOBJ1	130.79	Before	Interior Girder 2	6.95	0.95	1	1	2.496386
SU7_str	BOBJ1	130.79	Before	Interior Girder 3	6.95	0.95	1	1	2.417914
SU7_str	BOBJ1	130.79	Before	Interior Girder 4	6.95	0.95	1	1	2.417914
SU7_str	BOBJ1	130.79	Before	Interior Girder 5	6.95	0.95	1	1	2.496386
SU7_str	BOBJ1	130.79	Before	Interior Girder 6	6.95	0.95	1	1	2.660167

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelINonCompStrgth-Flx - Approach, Span 12-1									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
SU7_str	BOBJ1	130.79	Before	Right Exterior Girder	6.95	0.95	1	1	5.350424
SU7_str	BOBJ1	130.79	After	Left Exterior Girder	6.95	0.95	1	1	5.392655
SU7_str	BOBJ1	130.79	After	Interior Girder 1	6.95	0.95	1	1	2.648075
SU7_str	BOBJ1	130.79	After	Interior Girder 2	6.95	0.95	1	1	2.519924
SU7_str	BOBJ1	130.79	After	Interior Girder 3	6.95	0.95	1	1	2.432728
SU7_str	BOBJ1	130.79	After	Interior Girder 4	6.95	0.95	1	1	2.432728
SU7_str	BOBJ1	130.79	After	Interior Girder 5	6.95	0.95	1	1	2.519924
SU7_str	BOBJ1	130.79	After	Interior Girder 6	6.95	0.95	1	1	2.648075
SU7_str	BOBJ1	130.79	After	Right Exterior Girder	6.95	0.95	1	1	5.392655
SU7_str	BOBJ1	132.34	Before	Left Exterior Girder	8.5	0.95	1	1	5.858366
SU7_str	BOBJ1	132.34	Before	Right Exterior Girder	8.5	0.95	1	1	5.858366
SU7_str	BOBJ1	132.34	After	Left Exterior Girder	8.5	0.95	1	1	2.618981
SU7_str	BOBJ1	132.34	After	Right Exterior Girder	8.5	0.95	1	1	2.618981
SU7_str	BOBJ1	137.74	Before	Left Exterior Girder	13.9	0.95	1	1	3.861543
SU7_str	BOBJ1	137.74	Before	Interior Girder 1	13.9	0.95	1	1	3.574851
SU7_str	BOBJ1	137.74	Before	Interior Girder 2	13.9	0.95	1	1	3.227809
SU7_str	BOBJ1	137.74	Before	Interior Girder 3	13.9	0.95	1	1	3.137145
SU7_str	BOBJ1	137.74	Before	Interior Girder 4	13.9	0.95	1	1	3.137145
SU7_str	BOBJ1	137.74	Before	Interior Girder 5	13.9	0.95	1	1	3.227809
SU7_str	BOBJ1	137.74	Before	Interior Girder 6	13.9	0.95	1	1	3.574851
SU7_str	BOBJ1	137.74	Before	Right Exterior Girder	13.9	0.95	1	1	3.861543
SU7_str	BOBJ1	137.74	After	Left Exterior Girder	13.9	0.95	1	1	4.214297
SU7_str	BOBJ1	137.74	After	Interior Girder 1	13.9	0.95	1	1	3.552576
SU7_str	BOBJ1	137.74	After	Interior Girder 2	13.9	0.95	1	1	3.238557
SU7_str	BOBJ1	137.74	After	Interior Girder 3	13.9	0.95	1	1	3.207214
SU7_str	BOBJ1	137.74	After	Interior Girder 4	13.9	0.95	1	1	3.207214
SU7_str	BOBJ1	137.74	After	Interior Girder 5	13.9	0.95	1	1	3.238557
SU7_str	BOBJ1	137.74	After	Interior Girder 6	13.9	0.95	1	1	3.552576
SU7_str	BOBJ1	137.74	After	Right Exterior Girder	13.9	0.95	1	1	4.214297
SU7_str	BOBJ1	143.7733	Before	Left Exterior Girder	19.9333	0.95	1	1	2.909274
SU7_str	BOBJ1	143.7733	Before	Interior Girder 1	19.9333	0.95	1	1	2.104789
SU7_str	BOBJ1	143.7733	Before	Interior Girder 2	19.9333	0.95	1	1	1.969021
SU7_str	BOBJ1	143.7733	Before	Interior Girder 3	19.9333	0.95	1	1	1.910729
SU7_str	BOBJ1	143.7733	Before	Interior Girder 4	19.9333	0.95	1	1	1.910729
SU7_str	BOBJ1	143.7733	Before	Interior Girder 5	19.9333	0.95	1	1	1.969021
SU7_str	BOBJ1	143.7733	Before	Interior Girder 6	19.9333	0.95	1	1	2.104789
SU7_str	BOBJ1	143.7733	Before	Right Exterior Girder	19.9333	0.95	1	1	2.909274
SU7_str	BOBJ1	143.7733	After	Left Exterior Girder	19.9333	0.95	1	1	2.960006
SU7_str	BOBJ1	143.7733	After	Interior Girder 1	19.9333	0.95	1	1	2.079873
SU7_str	BOBJ1	143.7733	After	Interior Girder 2	19.9333	0.95	1	1	1.969231
SU7_str	BOBJ1	143.7733	After	Interior Girder 3	19.9333	0.95	1	1	1.936129
SU7_str	BOBJ1	143.7733	After	Interior Girder 4	19.9333	0.95	1	1	1.936129
SU7_str	BOBJ1	143.7733	After	Interior Girder 5	19.9333	0.95	1	1	1.969231
SU7_str	BOBJ1	143.7733	After	Interior Girder 6	19.9333	0.95	1	1	2.079873
SU7_str	BOBJ1	143.7733	After	Right Exterior Girder	19.9333	0.95	1	1	2.960006
SU7_str	BOBJ1	149.8067	Before	Left Exterior Girder	25.9667	0.95	1	1	2.080076
SU7_str	BOBJ1	149.8067	Before	Interior Girder 1	25.9667	0.95	1	1	1.627344
SU7_str	BOBJ1	149.8067	Before	Interior Girder 2	25.9667	0.95	1	1	1.545906
SU7_str	BOBJ1	149.8067	Before	Interior Girder 3	25.9667	0.95	1	1	1.511115
SU7_str	BOBJ1	149.8067	Before	Interior Girder 4	25.9667	0.95	1	1	1.511115
SU7_str	BOBJ1	149.8067	Before	Interior Girder 5	25.9667	0.95	1	1	1.545906
SU7_str	BOBJ1	149.8067	Before	Interior Girder 6	25.9667	0.95	1	1	1.627344
SU7_str	BOBJ1	149.8067	Before	Right Exterior Girder	25.9667	0.95	1	1	2.080076
SU7_str	BOBJ1	149.8067	After	Left Exterior Girder	25.9667	0.95	1	1	2.083283
SU7_str	BOBJ1	149.8067	After	Interior Girder 1	25.9667	0.95	1	1	1.624414
SU7_str	BOBJ1	149.8067	After	Interior Girder 2	25.9667	0.95	1	1	1.550461
SU7_str	BOBJ1	149.8067	After	Interior Girder 3	25.9667	0.95	1	1	1.521575
SU7_str	BOBJ1	149.8067	After	Interior Girder 4	25.9667	0.95	1	1	1.521575
SU7_str	BOBJ1	149.8067	After	Interior Girder 5	25.9667	0.95	1	1	1.550461
SU7_str	BOBJ1	149.8067	After	Interior Girder 6	25.9667	0.95	1	1	1.624414
SU7_str	BOBJ1	149.8067	After	Right Exterior Girder	25.9667	0.95	1	1	2.083283
SU7_str	BOBJ1	155.84	Before	Left Exterior Girder	32	0.95	1	1	1.726208
SU7_str	BOBJ1	155.84	Before	Interior Girder 1	32	0.95	1	1	1.521524
SU7_str	BOBJ1	155.84	Before	Interior Girder 2	32	0.95	1	1	1.452403
SU7_str	BOBJ1	155.84	Before	Interior Girder 3	32	0.95	1	1	1.434689

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelINonCompStrgth-Flx - Approach, Span 12-1									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
SU7_str	BOBJ1	155.84	Before	Interior Girder 4	32	0.95	1	1	1.434689
SU7_str	BOBJ1	155.84	Before	Interior Girder 5	32	0.95	1	1	1.452403
SU7_str	BOBJ1	155.84	Before	Interior Girder 6	32	0.95	1	1	1.521524
SU7_str	BOBJ1	155.84	Before	Right Exterior Girder	32	0.95	1	1	1.726208
SU7_str	BOBJ1	155.84	After	Left Exterior Girder	32	0.95	1	1	1.737486
SU7_str	BOBJ1	155.84	After	Interior Girder 1	32	0.95	1	1	1.513949
SU7_str	BOBJ1	155.84	After	Interior Girder 2	32	0.95	1	1	1.448768
SU7_str	BOBJ1	155.84	After	Interior Girder 3	32	0.95	1	1	1.431143
SU7_str	BOBJ1	155.84	After	Interior Girder 4	32	0.95	1	1	1.431143
SU7_str	BOBJ1	155.84	After	Interior Girder 5	32	0.95	1	1	1.448768
SU7_str	BOBJ1	155.84	After	Interior Girder 6	32	0.95	1	1	1.513949
SU7_str	BOBJ1	155.84	After	Right Exterior Girder	32	0.95	1	1	1.737486
SU7_str	BOBJ1	161.8733	Before	Left Exterior Girder	38.0333	0.95	1	1	1.877581
SU7_str	BOBJ1	161.8733	Before	Interior Girder 1	38.0333	0.95	1	1	1.497461
SU7_str	BOBJ1	161.8733	Before	Interior Girder 2	38.0333	0.95	1	1	1.432002
SU7_str	BOBJ1	161.8733	Before	Interior Girder 3	38.0333	0.95	1	1	1.402672
SU7_str	BOBJ1	161.8733	Before	Interior Girder 4	38.0333	0.95	1	1	1.402672
SU7_str	BOBJ1	161.8733	Before	Interior Girder 5	38.0333	0.95	1	1	1.432002
SU7_str	BOBJ1	161.8733	Before	Interior Girder 6	38.0333	0.95	1	1	1.497461
SU7_str	BOBJ1	161.8733	Before	Right Exterior Girder	38.0333	0.95	1	1	1.877581
SU7_str	BOBJ1	161.8733	After	Left Exterior Girder	38.0333	0.95	1	1	1.882939
SU7_str	BOBJ1	161.8733	After	Interior Girder 1	38.0333	0.95	1	1	1.494305
SU7_str	BOBJ1	161.8733	After	Interior Girder 2	38.0333	0.95	1	1	1.427268
SU7_str	BOBJ1	161.8733	After	Interior Girder 3	38.0333	0.95	1	1	1.397666
SU7_str	BOBJ1	161.8733	After	Interior Girder 4	38.0333	0.95	1	1	1.397666
SU7_str	BOBJ1	161.8733	After	Interior Girder 5	38.0333	0.95	1	1	1.427268
SU7_str	BOBJ1	161.8733	After	Interior Girder 6	38.0333	0.95	1	1	1.494305
SU7_str	BOBJ1	161.8733	After	Right Exterior Girder	38.0333	0.95	1	1	1.882939
SU7_str	BOBJ1	167.9067	Before	Left Exterior Girder	44.0667	0.95	1	1	2.362063
SU7_str	BOBJ1	167.9067	Before	Interior Girder 1	44.0667	0.95	1	1	1.763777
SU7_str	BOBJ1	167.9067	Before	Interior Girder 2	44.0667	0.95	1	1	1.669218
SU7_str	BOBJ1	167.9067	Before	Interior Girder 3	44.0667	0.95	1	1	1.639511
SU7_str	BOBJ1	167.9067	Before	Interior Girder 4	44.0667	0.95	1	1	1.639511
SU7_str	BOBJ1	167.9067	Before	Interior Girder 5	44.0667	0.95	1	1	1.669218
SU7_str	BOBJ1	167.9067	Before	Interior Girder 6	44.0667	0.95	1	1	1.763777
SU7_str	BOBJ1	167.9067	Before	Right Exterior Girder	44.0667	0.95	1	1	2.362063
SU7_str	BOBJ1	167.9067	After	Left Exterior Girder	44.0667	0.95	1	1	2.322885
SU7_str	BOBJ1	167.9067	After	Interior Girder 1	44.0667	0.95	1	1	1.781074
SU7_str	BOBJ1	167.9067	After	Interior Girder 2	44.0667	0.95	1	1	1.673708
SU7_str	BOBJ1	167.9067	After	Interior Girder 3	44.0667	0.95	1	1	1.625726
SU7_str	BOBJ1	167.9067	After	Interior Girder 4	44.0667	0.95	1	1	1.625726
SU7_str	BOBJ1	167.9067	After	Interior Girder 5	44.0667	0.95	1	1	1.673708
SU7_str	BOBJ1	167.9067	After	Interior Girder 6	44.0667	0.95	1	1	1.781074
SU7_str	BOBJ1	167.9067	After	Right Exterior Girder	44.0667	0.95	1	1	2.322885
SU7_str	BOBJ1	173.94	Before	Left Exterior Girder	50.1	0.95	1	1	3.405078
SU7_str	BOBJ1	173.94	Before	Interior Girder 1	50.1	0.95	1	1	2.617157
SU7_str	BOBJ1	173.94	Before	Interior Girder 2	50.1	0.95	1	1	2.393352
SU7_str	BOBJ1	173.94	Before	Interior Girder 3	50.1	0.95	1	1	2.358195
SU7_str	BOBJ1	173.94	Before	Interior Girder 4	50.1	0.95	1	1	2.358195
SU7_str	BOBJ1	173.94	Before	Interior Girder 5	50.1	0.95	1	1	2.393352
SU7_str	BOBJ1	173.94	Before	Interior Girder 6	50.1	0.95	1	1	2.617157
SU7_str	BOBJ1	173.94	Before	Right Exterior Girder	50.1	0.95	1	1	3.405078
SU7_str	BOBJ1	173.94	After	Left Exterior Girder	50.1	0.95	1	1	3.382109
SU7_str	BOBJ1	173.94	After	Interior Girder 1	50.1	0.95	1	1	2.625815
SU7_str	BOBJ1	173.94	After	Interior Girder 2	50.1	0.95	1	1	2.379752
SU7_str	BOBJ1	173.94	After	Interior Girder 3	50.1	0.95	1	1	2.312718
SU7_str	BOBJ1	173.94	After	Interior Girder 4	50.1	0.95	1	1	2.312718
SU7_str	BOBJ1	173.94	After	Interior Girder 5	50.1	0.95	1	1	2.379752
SU7_str	BOBJ1	173.94	After	Interior Girder 6	50.1	0.95	1	1	2.625815
SU7_str	BOBJ1	173.94	After	Right Exterior Girder	50.1	0.95	1	1	3.382109
SU7_str	BOBJ1	179.98	Before	Left Exterior Girder	56.14	0.95	1	1	3.97798
SU7_str	BOBJ1	179.98	Before	Interior Girder 1	56.14	0.95	1	1	4.069859
SU7_str	BOBJ1	179.98	Before	Interior Girder 2	56.14	0.95	1	1	3.850386
SU7_str	BOBJ1	179.98	Before	Interior Girder 3	56.14	0.95	1	1	3.825887
SU7_str	BOBJ1	179.98	Before	Interior Girder 4	56.14	0.95	1	1	3.825887

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelINonCompStrgth-Flx - Approach, Span 12-1									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
SU7_str	BOBJ1	179.98	Before	Interior Girder 5	56.14	0.95	1	1	3.850386
SU7_str	BOBJ1	179.98	Before	Interior Girder 6	56.14	0.95	1	1	4.069859
SU7_str	BOBJ1	179.98	Before	Right Exterior Girder	56.14	0.95	1	1	3.97798
SU7_str	BOBJ1	179.98	After	Left Exterior Girder	56.14	0.95	1	1	4.024088
SU7_str	BOBJ1	179.98	After	Interior Girder 1	56.14	0.95	1	1	4.032948
SU7_str	BOBJ1	179.98	After	Interior Girder 2	56.14	0.95	1	1	3.785977
SU7_str	BOBJ1	179.98	After	Interior Girder 3	56.14	0.95	1	1	3.739647
SU7_str	BOBJ1	179.98	After	Interior Girder 4	56.14	0.95	1	1	3.739647
SU7_str	BOBJ1	179.98	After	Interior Girder 5	56.14	0.95	1	1	3.785977
SU7_str	BOBJ1	179.98	After	Interior Girder 6	56.14	0.95	1	1	4.032948
SU7_str	BOBJ1	179.98	After	Right Exterior Girder	56.14	0.95	1	1	4.024088
SU7_str	BOBJ1	183.56	Before	Left Exterior Girder	59.72	0.95	1	1	3.020657
SU7_str	BOBJ1	183.56	Before	Right Exterior Girder	59.72	0.95	1	1	3.020657
SU7_str	BOBJ1	183.56	After	Left Exterior Girder	59.72	0.95	1	1	7.307324
SU7_str	BOBJ1	183.56	After	Right Exterior Girder	59.72	0.95	1	1	7.307324
SU7_str	BOBJ1	186.02	Before	Left Exterior Girder	62.18	0.95	1	1	6.444239
SU7_str	BOBJ1	186.02	Before	Interior Girder 1	62.22	0.95	1	1	2.718294
SU7_str	BOBJ1	186.02	Before	Interior Girder 2	62.22	0.95	1	1	2.59826
SU7_str	BOBJ1	186.02	Before	Interior Girder 3	62.22	0.95	1	1	2.384925
SU7_str	BOBJ1	186.02	Before	Interior Girder 4	62.22	0.95	1	1	2.384925
SU7_str	BOBJ1	186.02	Before	Interior Girder 5	62.22	0.95	1	1	2.59826
SU7_str	BOBJ1	186.02	Before	Interior Girder 6	62.22	0.95	1	1	2.718294
SU7_str	BOBJ1	186.02	Before	Right Exterior Girder	62.18	0.95	1	1	6.444239
SU7_str	BOBJ1	186.02	After	Left Exterior Girder	62.18	0.95	1	1	6.488048
SU7_str	BOBJ1	186.02	After	Interior Girder 1	62.22	0.95	1	1	4.434651
SU7_str	BOBJ1	186.02	After	Interior Girder 2	62.22	0.95	1	1	4.101051
SU7_str	BOBJ1	186.02	After	Interior Girder 3	62.22	0.95	1	1	3.829487
SU7_str	BOBJ1	186.02	After	Interior Girder 4	62.22	0.95	1	1	3.829487
SU7_str	BOBJ1	186.02	After	Interior Girder 5	62.22	0.95	1	1	4.101051
SU7_str	BOBJ1	186.02	After	Interior Girder 6	62.22	0.95	1	1	4.434651
SU7_str	BOBJ1	186.02	After	Right Exterior Girder	62.18	0.95	1	1	6.488048
SU7_str	BOBJ1	192.06	Before	Left Exterior Girder	68.22	0.95	1	1	3.089149
SU7_str	BOBJ1	192.06	Before	Interior Girder 1	68.22	0.95	1	1	2.049506
SU7_str	BOBJ1	192.06	Before	Interior Girder 2	68.22	0.95	1	1	1.956184
SU7_str	BOBJ1	192.06	Before	Interior Girder 3	68.22	0.95	1	1	1.657765
SU7_str	BOBJ1	192.06	Before	Interior Girder 4	68.22	0.95	1	1	1.657765
SU7_str	BOBJ1	192.06	Before	Interior Girder 5	68.22	0.95	1	1	1.956184
SU7_str	BOBJ1	192.06	Before	Interior Girder 6	68.22	0.95	1	1	2.049506
SU7_str	BOBJ1	192.06	Before	Right Exterior Girder	68.22	0.95	1	1	3.089149
SU7_str	BOBJ1	192.06	After	Left Exterior Girder	0	0.95	1	1	3.828119
SU7_str	BOBJ1	192.06	After	Interior Girder 1	0	0.95	1	1	2.966389
SU7_str	BOBJ1	192.06	After	Interior Girder 2	0	0.95	1	1	2.716478
SU7_str	BOBJ1	192.06	After	Interior Girder 3	0	0.95	1	1	2.356388
SU7_str	BOBJ1	192.06	After	Interior Girder 4	0	0.95	1	1	2.356388
SU7_str	BOBJ1	192.06	After	Interior Girder 5	0	0.95	1	1	2.716478
SU7_str	BOBJ1	192.06	After	Interior Girder 6	0	0.95	1	1	2.966389
SU7_str	BOBJ1	192.06	After	Right Exterior Girder	0	0.95	1	1	3.828119
SU7_str	BOBJ1	197.087	Before	Interior Girder 1	5.027	0.95	1	1	3.798884
SU7_str	BOBJ1	197.087	Before	Interior Girder 2	5.027	0.95	1	1	3.553428
SU7_str	BOBJ1	197.087	Before	Interior Girder 3	5.027	0.95	1	1	3.483459
SU7_str	BOBJ1	197.087	Before	Interior Girder 4	5.027	0.95	1	1	3.483459
SU7_str	BOBJ1	197.087	Before	Interior Girder 5	5.027	0.95	1	1	3.553428
SU7_str	BOBJ1	197.087	Before	Interior Girder 6	5.027	0.95	1	1	3.798884
SU7_str	BOBJ1	197.087	After	Interior Girder 1	5.027	0.95	1	1	2.369376
SU7_str	BOBJ1	197.087	After	Interior Girder 2	5.027	0.95	1	1	2.228902
SU7_str	BOBJ1	197.087	After	Interior Girder 3	5.027	0.95	1	1	2.167003
SU7_str	BOBJ1	197.087	After	Interior Girder 4	5.027	0.95	1	1	2.167003
SU7_str	BOBJ1	197.087	After	Interior Girder 5	5.027	0.95	1	1	2.228902
SU7_str	BOBJ1	197.087	After	Interior Girder 6	5.027	0.95	1	1	2.369376
SU7_str	BOBJ1	197.91	Before	Left Exterior Girder	5.85	0.95	1	1	5.306166
SU7_str	BOBJ1	197.91	Before	Interior Girder 1	5.85	0.95	1	1	2.507569
SU7_str	BOBJ1	197.91	Before	Interior Girder 2	5.85	0.95	1	1	2.338758
SU7_str	BOBJ1	197.91	Before	Interior Girder 3	5.85	0.95	1	1	2.315952
SU7_str	BOBJ1	197.91	Before	Interior Girder 4	5.85	0.95	1	1	2.315952
SU7_str	BOBJ1	197.91	Before	Interior Girder 5	5.85	0.95	1	1	2.338758

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelINonCompStrgth-Flx - Approach, Span 12-1									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
SU7_str	BOBJ1	197.91	Before	Interior Girder 6	5.85	0.95	1	1	2.507569
SU7_str	BOBJ1	197.91	Before	Right Exterior Girder	5.85	0.95	1	1	5.306166
SU7_str	BOBJ1	197.91	After	Left Exterior Girder	5.85	0.95	1	1	4.499554
SU7_str	BOBJ1	197.91	After	Interior Girder 1	5.85	0.95	1	1	2.087902
SU7_str	BOBJ1	197.91	After	Interior Girder 2	5.85	0.95	1	1	1.969637
SU7_str	BOBJ1	197.91	After	Interior Girder 3	5.85	0.95	1	1	1.929364
SU7_str	BOBJ1	197.91	After	Interior Girder 4	5.85	0.95	1	1	1.929364
SU7_str	BOBJ1	197.91	After	Interior Girder 5	5.85	0.95	1	1	1.969637
SU7_str	BOBJ1	197.91	After	Interior Girder 6	5.85	0.95	1	1	2.087902
SU7_str	BOBJ1	197.91	After	Right Exterior Girder	5.85	0.95	1	1	4.499554
SU7_str	BOBJ1	199.1816	Before	Left Exterior Girder	7.1216	0.95	1	1	4.817065
SU7_str	BOBJ1	199.1816	Before	Right Exterior Girder	7.1216	0.95	1	1	4.817065
SU7_str	BOBJ1	199.1816	After	Left Exterior Girder	7.1216	0.95	1	1	1.933089
SU7_str	BOBJ1	199.1816	After	Right Exterior Girder	7.1216	0.95	1	1	1.933089
SU7_str	BOBJ1	203.5267	Before	Left Exterior Girder	11.3107	0.95	1	1	2.783247
SU7_str	BOBJ1	203.5267	Before	Interior Girder 1	11.3107	0.95	1	1	2.969129
SU7_str	BOBJ1	203.5267	Before	Interior Girder 2	11.3107	0.95	1	1	2.799975
SU7_str	BOBJ1	203.5267	Before	Interior Girder 3	11.3107	0.95	1	1	2.885712
SU7_str	BOBJ1	203.5267	Before	Interior Girder 4	11.3107	0.95	1	1	2.885712
SU7_str	BOBJ1	203.5267	Before	Interior Girder 5	11.3107	0.95	1	1	2.799975
SU7_str	BOBJ1	203.5267	Before	Interior Girder 6	11.3107	0.95	1	1	2.969129
SU7_str	BOBJ1	203.5267	Before	Right Exterior Girder	11.3107	0.95	1	1	2.783247
SU7_str	BOBJ1	203.5267	After	Left Exterior Girder	11.3107	0.95	1	1	4.479843
SU7_str	BOBJ1	203.5267	After	Interior Girder 1	11.3107	0.95	1	1	4.702891
SU7_str	BOBJ1	203.5267	After	Interior Girder 2	11.3107	0.95	1	1	4.483379
SU7_str	BOBJ1	203.5267	After	Interior Girder 3	11.3107	0.95	1	1	4.584318
SU7_str	BOBJ1	203.5267	After	Interior Girder 4	11.3107	0.95	1	1	4.584318
SU7_str	BOBJ1	203.5267	After	Interior Girder 5	11.3107	0.95	1	1	4.483379
SU7_str	BOBJ1	203.5267	After	Interior Girder 6	11.3107	0.95	1	1	4.702891
SU7_str	BOBJ1	203.5267	After	Right Exterior Girder	11.3107	0.95	1	1	4.479843
SU7_str	BOBJ1	209.1433	Before	Left Exterior Girder	17.0833	0.95	1	1	4.782401
SU7_str	BOBJ1	209.1433	Before	Interior Girder 1	17.0833	0.95	1	1	3.348035
SU7_str	BOBJ1	209.1433	Before	Interior Girder 2	17.0833	0.95	1	1	3.107599
SU7_str	BOBJ1	209.1433	Before	Interior Girder 3	17.0833	0.95	1	1	3.0308
SU7_str	BOBJ1	209.1433	Before	Interior Girder 4	17.0833	0.95	1	1	3.0308
SU7_str	BOBJ1	209.1433	Before	Interior Girder 5	17.0833	0.95	1	1	3.107599
SU7_str	BOBJ1	209.1433	Before	Interior Girder 6	17.0833	0.95	1	1	3.348035
SU7_str	BOBJ1	209.1433	Before	Right Exterior Girder	17.0833	0.95	1	1	4.782401
SU7_str	BOBJ1	209.1433	After	Left Exterior Girder	17.0833	0.95	1	1	4.75343
SU7_str	BOBJ1	209.1433	After	Interior Girder 1	17.0833	0.95	1	1	3.363673
SU7_str	BOBJ1	209.1433	After	Interior Girder 2	17.0833	0.95	1	1	3.150123
SU7_str	BOBJ1	209.1433	After	Interior Girder 3	17.0833	0.95	1	1	3.098961
SU7_str	BOBJ1	209.1433	After	Interior Girder 4	17.0833	0.95	1	1	3.098961
SU7_str	BOBJ1	209.1433	After	Interior Girder 5	17.0833	0.95	1	1	3.150123
SU7_str	BOBJ1	209.1433	After	Interior Girder 6	17.0833	0.95	1	1	3.363673
SU7_str	BOBJ1	209.1433	After	Right Exterior Girder	17.0833	0.95	1	1	4.75343
SU7_str	BOBJ1	214.76	Before	Left Exterior Girder	22.7	0.95	1	1	3.268293
SU7_str	BOBJ1	214.76	Before	Interior Girder 1	22.7	0.95	1	1	2.632566
SU7_str	BOBJ1	214.76	Before	Interior Girder 2	22.7	0.95	1	1	2.456664
SU7_str	BOBJ1	214.76	Before	Interior Girder 3	22.7	0.95	1	1	2.406778
SU7_str	BOBJ1	214.76	Before	Interior Girder 4	22.7	0.95	1	1	2.406778
SU7_str	BOBJ1	214.76	Before	Interior Girder 5	22.7	0.95	1	1	2.456664
SU7_str	BOBJ1	214.76	Before	Interior Girder 6	22.7	0.95	1	1	2.632566
SU7_str	BOBJ1	214.76	Before	Right Exterior Girder	22.7	0.95	1	1	3.268293
SU7_str	BOBJ1	214.76	After	Left Exterior Girder	22.7	0.95	1	1	3.292294
SU7_str	BOBJ1	214.76	After	Interior Girder 1	22.7	0.95	1	1	2.622782
SU7_str	BOBJ1	214.76	After	Interior Girder 2	22.7	0.95	1	1	2.462607
SU7_str	BOBJ1	214.76	After	Interior Girder 3	22.7	0.95	1	1	2.425964
SU7_str	BOBJ1	214.76	After	Interior Girder 4	22.7	0.95	1	1	2.425964
SU7_str	BOBJ1	214.76	After	Interior Girder 5	22.7	0.95	1	1	2.462607
SU7_str	BOBJ1	214.76	After	Interior Girder 6	22.7	0.95	1	1	2.622782
SU7_str	BOBJ1	214.76	After	Right Exterior Girder	22.7	0.95	1	1	3.292294
SU7_str	BOBJ1	220.3767	Before	Left Exterior Girder	28.3167	0.95	1	1	2.862518
SU7_str	BOBJ1	220.3767	Before	Interior Girder 1	28.3167	0.95	1	1	2.193108
SU7_str	BOBJ1	220.3767	Before	Interior Girder 2	28.3167	0.95	1	1	2.078863

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelINonCompStrgth-Flx - Approach, Span 12-1									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
SU7_str	BOBJ1	220.3767	Before	Interior Girder 3	28.3167	0.95	1	1	2.029677
SU7_str	BOBJ1	220.3767	Before	Interior Girder 4	28.3167	0.95	1	1	2.029677
SU7_str	BOBJ1	220.3767	Before	Interior Girder 5	28.3167	0.95	1	1	2.078863
SU7_str	BOBJ1	220.3767	Before	Interior Girder 6	28.3167	0.95	1	1	2.193108
SU7_str	BOBJ1	220.3767	Before	Right Exterior Girder	28.3167	0.95	1	1	2.862518
SU7_str	BOBJ1	220.3767	After	Left Exterior Girder	28.3167	0.95	1	1	2.887744
SU7_str	BOBJ1	220.3767	After	Interior Girder 1	28.3167	0.95	1	1	2.182878
SU7_str	BOBJ1	220.3767	After	Interior Girder 2	28.3167	0.95	1	1	2.074213
SU7_str	BOBJ1	220.3767	After	Interior Girder 3	28.3167	0.95	1	1	2.031049
SU7_str	BOBJ1	220.3767	After	Interior Girder 4	28.3167	0.95	1	1	2.031049
SU7_str	BOBJ1	220.3767	After	Interior Girder 5	28.3167	0.95	1	1	2.074213
SU7_str	BOBJ1	220.3767	After	Interior Girder 6	28.3167	0.95	1	1	2.182878
SU7_str	BOBJ1	220.3767	After	Right Exterior Girder	28.3167	0.95	1	1	2.887744
SU7_str	BOBJ1	225.9933	Before	Left Exterior Girder	33.9333	0.95	1	1	2.774447
SU7_str	BOBJ1	225.9933	Before	Interior Girder 1	33.9333	0.95	1	1	2.105353
SU7_str	BOBJ1	225.9933	Before	Interior Girder 2	33.9333	0.95	1	1	2.0028
SU7_str	BOBJ1	225.9933	Before	Interior Girder 3	33.9333	0.95	1	1	1.950703
SU7_str	BOBJ1	225.9933	Before	Interior Girder 4	33.9333	0.95	1	1	1.950703
SU7_str	BOBJ1	225.9933	Before	Interior Girder 5	33.9333	0.95	1	1	2.0028
SU7_str	BOBJ1	225.9933	Before	Interior Girder 6	33.9333	0.95	1	1	2.105353
SU7_str	BOBJ1	225.9933	Before	Right Exterior Girder	33.9333	0.95	1	1	2.774447
SU7_str	BOBJ1	225.9933	After	Left Exterior Girder	33.9333	0.95	1	1	2.756126
SU7_str	BOBJ1	225.9933	After	Interior Girder 1	33.9333	0.95	1	1	2.118789
SU7_str	BOBJ1	225.9933	After	Interior Girder 2	33.9333	0.95	1	1	2.008721
SU7_str	BOBJ1	225.9933	After	Interior Girder 3	33.9333	0.95	1	1	1.95466
SU7_str	BOBJ1	225.9933	After	Interior Girder 4	33.9333	0.95	1	1	1.95466
SU7_str	BOBJ1	225.9933	After	Interior Girder 5	33.9333	0.95	1	1	2.008721
SU7_str	BOBJ1	225.9933	After	Interior Girder 6	33.9333	0.95	1	1	2.118789
SU7_str	BOBJ1	225.9933	After	Right Exterior Girder	33.9333	0.95	1	1	2.756126
SU7_str	BOBJ1	231.61	Before	Left Exterior Girder	39.55	0.95	1	1	2.934214
SU7_str	BOBJ1	231.61	Before	Interior Girder 1	39.55	0.95	1	1	2.344215
SU7_str	BOBJ1	231.61	Before	Interior Girder 2	39.55	0.95	1	1	2.215121
SU7_str	BOBJ1	231.61	Before	Interior Girder 3	39.55	0.95	1	1	2.15364
SU7_str	BOBJ1	231.61	Before	Interior Girder 4	39.55	0.95	1	1	2.15364
SU7_str	BOBJ1	231.61	Before	Interior Girder 5	39.55	0.95	1	1	2.215121
SU7_str	BOBJ1	231.61	Before	Interior Girder 6	39.55	0.95	1	1	2.344215
SU7_str	BOBJ1	231.61	Before	Right Exterior Girder	39.55	0.95	1	1	2.934214
SU7_str	BOBJ1	231.61	After	Left Exterior Girder	39.55	0.95	1	1	2.926958
SU7_str	BOBJ1	231.61	After	Interior Girder 1	39.55	0.95	1	1	2.345603
SU7_str	BOBJ1	231.61	After	Interior Girder 2	39.55	0.95	1	1	2.197322
SU7_str	BOBJ1	231.61	After	Interior Girder 3	39.55	0.95	1	1	2.125421
SU7_str	BOBJ1	231.61	After	Interior Girder 4	39.55	0.95	1	1	2.125421
SU7_str	BOBJ1	231.61	After	Interior Girder 5	39.55	0.95	1	1	2.197322
SU7_str	BOBJ1	231.61	After	Interior Girder 6	39.55	0.95	1	1	2.345603
SU7_str	BOBJ1	231.61	After	Right Exterior Girder	39.55	0.95	1	1	2.926958
SU7_str	BOBJ1	237.37	Before	Left Exterior Girder	45.31	0.95	1	1	4.141613
SU7_str	BOBJ1	237.37	Before	Interior Girder 1	45.31	0.95	1	1	2.936121
SU7_str	BOBJ1	237.37	Before	Interior Girder 2	45.31	0.95	1	1	2.758104
SU7_str	BOBJ1	237.37	Before	Interior Girder 3	45.31	0.95	1	1	2.616574
SU7_str	BOBJ1	237.37	Before	Interior Girder 4	45.31	0.95	1	1	2.616574
SU7_str	BOBJ1	237.37	Before	Interior Girder 5	45.31	0.95	1	1	2.758104
SU7_str	BOBJ1	237.37	Before	Interior Girder 6	45.31	0.95	1	1	2.936121
SU7_str	BOBJ1	237.37	Before	Right Exterior Girder	45.31	0.95	1	1	4.141613
SU7_str	BOBJ1	237.37	After	Left Exterior Girder	45.31	0.95	1	1	4.171124
SU7_str	BOBJ1	237.37	After	Interior Girder 1	45.31	0.95	1	1	2.922561
SU7_str	BOBJ1	237.37	After	Interior Girder 2	45.31	0.95	1	1	2.707839
SU7_str	BOBJ1	237.37	After	Interior Girder 3	45.31	0.95	1	1	2.550659
SU7_str	BOBJ1	237.37	After	Interior Girder 4	45.31	0.95	1	1	2.550659
SU7_str	BOBJ1	237.37	After	Interior Girder 5	45.31	0.95	1	1	2.707839
SU7_str	BOBJ1	237.37	After	Interior Girder 6	45.31	0.95	1	1	2.922561
SU7_str	BOBJ1	237.37	After	Right Exterior Girder	45.31	0.95	1	1	4.171124
SU7_str	BOBJ1	243.13	Before	Left Exterior Girder	51.07	0.95	1	1	8.283027
SU7_str	BOBJ1	243.13	Before	Interior Girder 1	51.07	0.95	1	1	5.256549
SU7_str	BOBJ1	243.13	Before	Interior Girder 2	51.07	0.95	1	1	4.910991
SU7_str	BOBJ1	243.13	Before	Interior Girder 3	51.07	0.95	1	1	4.51568

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelINonCompStrgth-Flx - Approach, Span 12-1									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
SU7_str	BOBJ1	243.13	Before	Interior Girder 4	51.07	0.95	1	1	4.51568
SU7_str	BOBJ1	243.13	Before	Interior Girder 5	51.07	0.95	1	1	4.910991
SU7_str	BOBJ1	243.13	Before	Interior Girder 6	51.07	0.95	1	1	5.256549
SU7_str	BOBJ1	243.13	Before	Right Exterior Girder	51.07	0.95	1	1	8.283027
SU7_str	BOBJ1	243.13	After	Left Exterior Girder	51.07	0.95	1	1	8.260627
SU7_str	BOBJ1	243.13	After	Interior Girder 1	51.07	0.95	1	1	5.194785
SU7_str	BOBJ1	243.13	After	Interior Girder 2	51.07	0.95	1	1	4.804894
SU7_str	BOBJ1	243.13	After	Interior Girder 3	51.07	0.95	1	1	4.289715
SU7_str	BOBJ1	243.13	After	Interior Girder 4	51.07	0.95	1	1	4.289715
SU7_str	BOBJ1	243.13	After	Interior Girder 5	51.07	0.95	1	1	4.804894
SU7_str	BOBJ1	243.13	After	Interior Girder 6	51.07	0.95	1	1	5.194785
SU7_str	BOBJ1	243.13	After	Right Exterior Girder	51.07	0.95	1	1	8.260627
SU7_str	BOBJ1	248.89	Before	Left Exterior Girder	56.83	0.95	1	1	386.128633
SU7_str	BOBJ1	248.89	Before	Interior Girder 1	56.83	0.95	1	1	349.99838
SU7_str	BOBJ1	248.89	Before	Interior Girder 2	56.83	0.95	1	1	216.198205
SU7_str	BOBJ1	248.89	Before	Interior Girder 3	56.83	0.95	1	1	169.233257
SU7_str	BOBJ1	248.89	Before	Interior Girder 4	56.83	0.95	1	1	169.233257
SU7_str	BOBJ1	248.89	Before	Interior Girder 5	56.83	0.95	1	1	216.198205
SU7_str	BOBJ1	248.89	Before	Interior Girder 6	56.83	0.95	1	1	349.998379
SU7_str	BOBJ1	248.89	Before	Right Exterior Girder	56.83	0.95	1	1	386.128633
Type 3_str	BOBJ1	0	After	Left Exterior Girder	0	0.95	1	1	329.233243
Type 3_str	BOBJ1	0	After	Interior Girder 1	0	0.95	1	1	305.705198
Type 3_str	BOBJ1	0	After	Interior Girder 2	0	0.95	1	1	218.614395
Type 3_str	BOBJ1	0	After	Interior Girder 3	0	0.95	1	1	177.168585
Type 3_str	BOBJ1	0	After	Interior Girder 4	0	0.95	1	1	177.168586
Type 3_str	BOBJ1	0	After	Interior Girder 5	0	0.95	1	1	218.614395
Type 3_str	BOBJ1	0	After	Interior Girder 6	0	0.95	1	1	305.705198
Type 3_str	BOBJ1	0	After	Right Exterior Girder	0	0.95	1	1	329.233243
Type 3_str	BOBJ1	5.85	Before	Left Exterior Girder	5.85	0.95	1	1	8.124292
Type 3_str	BOBJ1	5.85	Before	Interior Girder 1	5.85	0.95	1	1	5.604242
Type 3_str	BOBJ1	5.85	Before	Interior Girder 2	5.85	0.95	1	1	5.196157
Type 3_str	BOBJ1	5.85	Before	Interior Girder 3	5.85	0.95	1	1	4.528596
Type 3_str	BOBJ1	5.85	Before	Interior Girder 4	5.85	0.95	1	1	4.528596
Type 3_str	BOBJ1	5.85	Before	Interior Girder 5	5.85	0.95	1	1	5.196157
Type 3_str	BOBJ1	5.85	Before	Interior Girder 6	5.85	0.95	1	1	5.604242
Type 3_str	BOBJ1	5.85	Before	Right Exterior Girder	5.85	0.95	1	1	8.124292
Type 3_str	BOBJ1	5.85	After	Left Exterior Girder	5.85	0.95	1	1	8.186777
Type 3_str	BOBJ1	5.85	After	Interior Girder 1	5.85	0.95	1	1	5.61126
Type 3_str	BOBJ1	5.85	After	Interior Girder 2	5.85	0.95	1	1	5.264792
Type 3_str	BOBJ1	5.85	After	Interior Girder 3	5.85	0.95	1	1	4.721201
Type 3_str	BOBJ1	5.85	After	Interior Girder 4	5.85	0.95	1	1	4.721201
Type 3_str	BOBJ1	5.85	After	Interior Girder 5	5.85	0.95	1	1	5.264792
Type 3_str	BOBJ1	5.85	After	Interior Girder 6	5.85	0.95	1	1	5.61126
Type 3_str	BOBJ1	5.85	After	Right Exterior Girder	5.85	0.95	1	1	8.186777
Type 3_str	BOBJ1	11.4667	Before	Left Exterior Girder	11.4667	0.95	1	1	4.493978
Type 3_str	BOBJ1	11.4667	Before	Interior Girder 1	11.4667	0.95	1	1	3.168181
Type 3_str	BOBJ1	11.4667	Before	Interior Girder 2	11.4667	0.95	1	1	2.985464
Type 3_str	BOBJ1	11.4667	Before	Interior Girder 3	11.4667	0.95	1	1	2.761562
Type 3_str	BOBJ1	11.4667	Before	Interior Girder 4	11.4667	0.95	1	1	2.761562
Type 3_str	BOBJ1	11.4667	Before	Interior Girder 5	11.4667	0.95	1	1	2.985464
Type 3_str	BOBJ1	11.4667	Before	Interior Girder 6	11.4667	0.95	1	1	3.168181
Type 3_str	BOBJ1	11.4667	Before	Right Exterior Girder	11.4667	0.95	1	1	4.493978
Type 3_str	BOBJ1	11.4667	After	Left Exterior Girder	11.4667	0.95	1	1	4.56453
Type 3_str	BOBJ1	11.4667	After	Interior Girder 1	11.4667	0.95	1	1	3.148225
Type 3_str	BOBJ1	11.4667	After	Interior Girder 2	11.4667	0.95	1	1	3.014448
Type 3_str	BOBJ1	11.4667	After	Interior Girder 3	11.4667	0.95	1	1	2.829949
Type 3_str	BOBJ1	11.4667	After	Interior Girder 4	11.4667	0.95	1	1	2.829949
Type 3_str	BOBJ1	11.4667	After	Interior Girder 5	11.4667	0.95	1	1	3.014448
Type 3_str	BOBJ1	11.4667	After	Interior Girder 6	11.4667	0.95	1	1	3.148225
Type 3_str	BOBJ1	11.4667	After	Right Exterior Girder	11.4667	0.95	1	1	4.56453
Type 3_str	BOBJ1	17.0833	Before	Left Exterior Girder	17.0833	0.95	1	1	3.411399
Type 3_str	BOBJ1	17.0833	Before	Interior Girder 1	17.0833	0.95	1	1	2.553379
Type 3_str	BOBJ1	17.0833	Before	Interior Girder 2	17.0833	0.95	1	1	2.426826
Type 3_str	BOBJ1	17.0833	Before	Interior Girder 3	17.0833	0.95	1	1	2.330177
Type 3_str	BOBJ1	17.0833	Before	Interior Girder 4	17.0833	0.95	1	1	2.330177

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelINonCompStrgth-Flx - Approach, Span 12-1									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Type 3_str	BOBJ1	17.0833	Before	Interior Girder 5	17.0833	0.95	1	1	2.426826
Type 3_str	BOBJ1	17.0833	Before	Interior Girder 6	17.0833	0.95	1	1	2.553379
Type 3_str	BOBJ1	17.0833	Before	Right Exterior Girder	17.0833	0.95	1	1	3.411399
Type 3_str	BOBJ1	17.0833	After	Left Exterior Girder	17.0833	0.95	1	1	3.408602
Type 3_str	BOBJ1	17.0833	After	Interior Girder 1	17.0833	0.95	1	1	2.554393
Type 3_str	BOBJ1	17.0833	After	Interior Girder 2	17.0833	0.95	1	1	2.448867
Type 3_str	BOBJ1	17.0833	After	Interior Girder 3	17.0833	0.95	1	1	2.357489
Type 3_str	BOBJ1	17.0833	After	Interior Girder 4	17.0833	0.95	1	1	2.357489
Type 3_str	BOBJ1	17.0833	After	Interior Girder 5	17.0833	0.95	1	1	2.448867
Type 3_str	BOBJ1	17.0833	After	Interior Girder 6	17.0833	0.95	1	1	2.554393
Type 3_str	BOBJ1	17.0833	After	Right Exterior Girder	17.0833	0.95	1	1	3.408602
Type 3_str	BOBJ1	22.7	Before	Left Exterior Girder	22.7	0.95	1	1	2.989278
Type 3_str	BOBJ1	22.7	Before	Interior Girder 1	22.7	0.95	1	1	2.464228
Type 3_str	BOBJ1	22.7	Before	Interior Girder 2	22.7	0.95	1	1	2.355401
Type 3_str	BOBJ1	22.7	Before	Interior Girder 3	22.7	0.95	1	1	2.301666
Type 3_str	BOBJ1	22.7	Before	Interior Girder 4	22.7	0.95	1	1	2.301666
Type 3_str	BOBJ1	22.7	Before	Interior Girder 5	22.7	0.95	1	1	2.355401
Type 3_str	BOBJ1	22.7	Before	Interior Girder 6	22.7	0.95	1	1	2.464228
Type 3_str	BOBJ1	22.7	Before	Right Exterior Girder	22.7	0.95	1	1	2.989278
Type 3_str	BOBJ1	22.7	After	Left Exterior Girder	22.7	0.95	1	1	3.003698
Type 3_str	BOBJ1	22.7	After	Interior Girder 1	22.7	0.95	1	1	2.456269
Type 3_str	BOBJ1	22.7	After	Interior Girder 2	22.7	0.95	1	1	2.355989
Type 3_str	BOBJ1	22.7	After	Interior Girder 3	22.7	0.95	1	1	2.30162
Type 3_str	BOBJ1	22.7	After	Interior Girder 4	22.7	0.95	1	1	2.30162
Type 3_str	BOBJ1	22.7	After	Interior Girder 5	22.7	0.95	1	1	2.355989
Type 3_str	BOBJ1	22.7	After	Interior Girder 6	22.7	0.95	1	1	2.456269
Type 3_str	BOBJ1	22.7	After	Right Exterior Girder	22.7	0.95	1	1	3.003698
Type 3_str	BOBJ1	28.3167	Before	Left Exterior Girder	28.3167	0.95	1	1	3.298883
Type 3_str	BOBJ1	28.3167	Before	Interior Girder 1	28.3167	0.95	1	1	2.507043
Type 3_str	BOBJ1	28.3167	Before	Interior Girder 2	28.3167	0.95	1	1	2.406264
Type 3_str	BOBJ1	28.3167	Before	Interior Girder 3	28.3167	0.95	1	1	2.337928
Type 3_str	BOBJ1	28.3167	Before	Interior Girder 4	28.3167	0.95	1	1	2.337928
Type 3_str	BOBJ1	28.3167	Before	Interior Girder 5	28.3167	0.95	1	1	2.406264
Type 3_str	BOBJ1	28.3167	Before	Interior Girder 6	28.3167	0.95	1	1	2.507043
Type 3_str	BOBJ1	28.3167	Before	Right Exterior Girder	28.3167	0.95	1	1	3.298883
Type 3_str	BOBJ1	28.3167	After	Left Exterior Girder	28.3167	0.95	1	1	3.309492
Type 3_str	BOBJ1	28.3167	After	Interior Girder 1	28.3167	0.95	1	1	2.499202
Type 3_str	BOBJ1	28.3167	After	Interior Girder 2	28.3167	0.95	1	1	2.393905
Type 3_str	BOBJ1	28.3167	After	Interior Girder 3	28.3167	0.95	1	1	2.322169
Type 3_str	BOBJ1	28.3167	After	Interior Girder 4	28.3167	0.95	1	1	2.322169
Type 3_str	BOBJ1	28.3167	After	Interior Girder 5	28.3167	0.95	1	1	2.393905
Type 3_str	BOBJ1	28.3167	After	Interior Girder 6	28.3167	0.95	1	1	2.499202
Type 3_str	BOBJ1	28.3167	After	Right Exterior Girder	28.3167	0.95	1	1	3.309492
Type 3_str	BOBJ1	33.9333	Before	Left Exterior Girder	33.9333	0.95	1	1	4.035379
Type 3_str	BOBJ1	33.9333	Before	Interior Girder 1	33.9333	0.95	1	1	2.934194
Type 3_str	BOBJ1	33.9333	Before	Interior Girder 2	33.9333	0.95	1	1	2.793383
Type 3_str	BOBJ1	33.9333	Before	Interior Girder 3	33.9333	0.95	1	1	2.732643
Type 3_str	BOBJ1	33.9333	Before	Interior Girder 4	33.9333	0.95	1	1	2.732643
Type 3_str	BOBJ1	33.9333	Before	Interior Girder 5	33.9333	0.95	1	1	2.793383
Type 3_str	BOBJ1	33.9333	Before	Interior Girder 6	33.9333	0.95	1	1	2.934194
Type 3_str	BOBJ1	33.9333	Before	Right Exterior Girder	33.9333	0.95	1	1	4.035379
Type 3_str	BOBJ1	33.9333	After	Left Exterior Girder	33.9333	0.95	1	1	3.983872
Type 3_str	BOBJ1	33.9333	After	Interior Girder 1	33.9333	0.95	1	1	2.960682
Type 3_str	BOBJ1	33.9333	After	Interior Girder 2	33.9333	0.95	1	1	2.797324
Type 3_str	BOBJ1	33.9333	After	Interior Girder 3	33.9333	0.95	1	1	2.716351
Type 3_str	BOBJ1	33.9333	After	Interior Girder 4	33.9333	0.95	1	1	2.716351
Type 3_str	BOBJ1	33.9333	After	Interior Girder 5	33.9333	0.95	1	1	2.797324
Type 3_str	BOBJ1	33.9333	After	Interior Girder 6	33.9333	0.95	1	1	2.960682
Type 3_str	BOBJ1	33.9333	After	Right Exterior Girder	33.9333	0.95	1	1	3.983872
Type 3_str	BOBJ1	39.55	Before	Left Exterior Girder	39.55	0.95	1	1	5.59692
Type 3_str	BOBJ1	39.55	Before	Interior Girder 1	39.55	0.95	1	1	4.185925
Type 3_str	BOBJ1	39.55	Before	Interior Girder 2	39.55	0.95	1	1	3.871145
Type 3_str	BOBJ1	39.55	Before	Interior Girder 3	39.55	0.95	1	1	3.79344
Type 3_str	BOBJ1	39.55	Before	Interior Girder 4	39.55	0.95	1	1	3.79344
Type 3_str	BOBJ1	39.55	Before	Interior Girder 5	39.55	0.95	1	1	3.871145

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelINonCompStrgth-Flx - Approach, Span 12-1									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Type 3_str	BOBJ1	39.55	Before	Interior Girder 6	39.55	0.95	1	1	4.185925
Type 3_str	BOBJ1	39.55	Before	Right Exterior Girder	39.55	0.95	1	1	5.59692
Type 3_str	BOBJ1	39.55	After	Left Exterior Girder	39.55	0.95	1	1	5.568955
Type 3_str	BOBJ1	39.55	After	Interior Girder 1	39.55	0.95	1	1	4.204199
Type 3_str	BOBJ1	39.55	After	Interior Girder 2	39.55	0.95	1	1	3.859879
Type 3_str	BOBJ1	39.55	After	Interior Girder 3	39.55	0.95	1	1	3.743835
Type 3_str	BOBJ1	39.55	After	Interior Girder 4	39.55	0.95	1	1	3.743835
Type 3_str	BOBJ1	39.55	After	Interior Girder 5	39.55	0.95	1	1	3.859879
Type 3_str	BOBJ1	39.55	After	Interior Girder 6	39.55	0.95	1	1	4.204199
Type 3_str	BOBJ1	39.55	After	Right Exterior Girder	39.55	0.95	1	1	5.568955
Type 3_str	BOBJ1	45.1733	Before	Left Exterior Girder	45.1226	0.95	1	1	5.658409
Type 3_str	BOBJ1	45.1733	Before	Interior Girder 1	45.1226	0.95	1	1	5.85496
Type 3_str	BOBJ1	45.1733	Before	Interior Girder 2	45.1226	0.95	1	1	5.621821
Type 3_str	BOBJ1	45.1733	Before	Interior Girder 3	45.1226	0.95	1	1	5.712154
Type 3_str	BOBJ1	45.1733	Before	Interior Girder 4	45.1226	0.95	1	1	5.712154
Type 3_str	BOBJ1	45.1733	Before	Interior Girder 5	45.1226	0.95	1	1	5.621821
Type 3_str	BOBJ1	45.1733	Before	Interior Girder 6	45.1226	0.95	1	1	5.85496
Type 3_str	BOBJ1	45.1733	Before	Right Exterior Girder	45.1226	0.95	1	1	5.658409
Type 3_str	BOBJ1	45.1733	After	Left Exterior Girder	45.1226	0.95	1	1	4.5254
Type 3_str	BOBJ1	45.1733	After	Interior Girder 1	45.1226	0.95	1	1	4.671151
Type 3_str	BOBJ1	45.1733	After	Interior Girder 2	45.1226	0.95	1	1	4.465829
Type 3_str	BOBJ1	45.1733	After	Interior Girder 3	45.1226	0.95	1	1	4.562311
Type 3_str	BOBJ1	45.1733	After	Interior Girder 4	45.1226	0.95	1	1	4.562311
Type 3_str	BOBJ1	45.1733	After	Interior Girder 5	45.1226	0.95	1	1	4.465829
Type 3_str	BOBJ1	45.1733	After	Interior Girder 6	45.1226	0.95	1	1	4.671151
Type 3_str	BOBJ1	45.1733	After	Right Exterior Girder	45.1226	0.95	1	1	4.5254
Type 3_str	BOBJ1	49.2561	Before	Left Exterior Girder	49.2561	0.95	1	1	3.19776
Type 3_str	BOBJ1	49.2561	Before	Right Exterior Girder	49.2561	0.95	1	1	3.19776
Type 3_str	BOBJ1	49.2561	After	Left Exterior Girder	49.2561	0.95	1	1	3.24962
Type 3_str	BOBJ1	49.2561	After	Right Exterior Girder	49.2561	0.95	1	1	3.24962
Type 3_str	BOBJ1	50.7967	Before	Left Exterior Girder	50.7967	0.95	1	1	6.806669
Type 3_str	BOBJ1	50.7967	Before	Interior Girder 1	50.7967	0.95	1	1	3.292079
Type 3_str	BOBJ1	50.7967	Before	Interior Girder 2	50.7967	0.95	1	1	3.152462
Type 3_str	BOBJ1	50.7967	Before	Interior Girder 3	50.7967	0.95	1	1	2.997402
Type 3_str	BOBJ1	50.7967	Before	Interior Girder 4	50.7967	0.95	1	1	2.997402
Type 3_str	BOBJ1	50.7967	Before	Interior Girder 5	50.7967	0.95	1	1	3.152462
Type 3_str	BOBJ1	50.7967	Before	Interior Girder 6	50.7967	0.95	1	1	3.292079
Type 3_str	BOBJ1	50.7967	Before	Right Exterior Girder	50.7967	0.95	1	1	6.806669
Type 3_str	BOBJ1	50.7967	After	Left Exterior Girder	50.7967	0.95	1	1	6.764115
Type 3_str	BOBJ1	50.7967	After	Interior Girder 1	50.7967	0.95	1	1	3.283837
Type 3_str	BOBJ1	50.7967	After	Interior Girder 2	50.7967	0.95	1	1	3.129877
Type 3_str	BOBJ1	50.7967	After	Interior Girder 3	50.7967	0.95	1	1	2.988059
Type 3_str	BOBJ1	50.7967	After	Interior Girder 4	50.7967	0.95	1	1	2.988059
Type 3_str	BOBJ1	50.7967	After	Interior Girder 5	50.7967	0.95	1	1	3.129877
Type 3_str	BOBJ1	50.7967	After	Interior Girder 6	50.7967	0.95	1	1	3.283837
Type 3_str	BOBJ1	50.7967	After	Right Exterior Girder	50.7967	0.95	1	1	6.764115
Type 3_str	BOBJ1	51.3989	Before	Interior Girder 1	51.3989	0.95	1	1	3.124555
Type 3_str	BOBJ1	51.3989	Before	Interior Girder 2	51.3989	0.95	1	1	3.002131
Type 3_str	BOBJ1	51.3989	Before	Interior Girder 3	51.3989	0.95	1	1	2.836894
Type 3_str	BOBJ1	51.3989	Before	Interior Girder 4	51.3989	0.95	1	1	2.836894
Type 3_str	BOBJ1	51.3989	Before	Interior Girder 5	51.3989	0.95	1	1	3.002131
Type 3_str	BOBJ1	51.3989	Before	Interior Girder 6	51.3989	0.95	1	1	3.124555
Type 3_str	BOBJ1	51.3989	After	Interior Girder 1	51.3989	0.95	1	1	4.777548
Type 3_str	BOBJ1	51.3989	After	Interior Girder 2	51.3989	0.95	1	1	4.533276
Type 3_str	BOBJ1	51.3989	After	Interior Girder 3	51.3989	0.95	1	1	4.346609
Type 3_str	BOBJ1	51.3989	After	Interior Girder 4	51.3989	0.95	1	1	4.346609
Type 3_str	BOBJ1	51.3989	After	Interior Girder 5	51.3989	0.95	1	1	4.533276
Type 3_str	BOBJ1	51.3989	After	Interior Girder 6	51.3989	0.95	1	1	4.777548
Type 3_str	BOBJ1	56.42	Before	Left Exterior Girder	56.42	0.95	1	1	4.712381
Type 3_str	BOBJ1	56.42	Before	Interior Girder 1	56.42	0.95	1	1	3.405008
Type 3_str	BOBJ1	56.42	Before	Interior Girder 2	56.42	0.95	1	1	3.164901
Type 3_str	BOBJ1	56.42	Before	Interior Girder 3	56.42	0.95	1	1	2.662688
Type 3_str	BOBJ1	56.42	Before	Interior Girder 4	56.42	0.95	1	1	2.662688
Type 3_str	BOBJ1	56.42	Before	Interior Girder 5	56.42	0.95	1	1	3.164901
Type 3_str	BOBJ1	56.42	Before	Interior Girder 6	56.42	0.95	1	1	3.405008

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelINonCompStrgth-Flx - Approach, Span 12-1									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Type 3_str	BOBJ1	56.42	Before	Right Exterior Girder	56.42	0.95	1	1	4.712381
Type 3_str	BOBJ1	56.42	After	Left Exterior Girder	0	0.95	1	1	4.845784
Type 3_str	BOBJ1	56.42	After	Interior Girder 1	0	0.95	1	1	3.112794
Type 3_str	BOBJ1	56.42	After	Interior Girder 2	0	0.95	1	1	2.973989
Type 3_str	BOBJ1	56.42	After	Interior Girder 3	0	0.95	1	1	2.511986
Type 3_str	BOBJ1	56.42	After	Interior Girder 4	0	0.95	1	1	2.511986
Type 3_str	BOBJ1	56.42	After	Interior Girder 5	0	0.95	1	1	2.973989
Type 3_str	BOBJ1	56.42	After	Interior Girder 6	0	0.95	1	1	3.112794
Type 3_str	BOBJ1	56.42	After	Right Exterior Girder	0	0.95	1	1	4.845784
Type 3_str	BOBJ1	62.0367	Before	Left Exterior Girder	5.6167	0.95	1	1	8.639273
Type 3_str	BOBJ1	62.0367	Before	Interior Girder 1	5.6167	0.95	1	1	6.017704
Type 3_str	BOBJ1	62.0367	Before	Interior Girder 2	5.6167	0.95	1	1	5.606169
Type 3_str	BOBJ1	62.0367	Before	Interior Girder 3	5.6167	0.95	1	1	5.256463
Type 3_str	BOBJ1	62.0367	Before	Interior Girder 4	5.6167	0.95	1	1	5.256463
Type 3_str	BOBJ1	62.0367	Before	Interior Girder 5	5.6167	0.95	1	1	5.606169
Type 3_str	BOBJ1	62.0367	Before	Interior Girder 6	5.6167	0.95	1	1	6.017704
Type 3_str	BOBJ1	62.0367	Before	Right Exterior Girder	5.6167	0.95	1	1	8.639273
Type 3_str	BOBJ1	62.0367	After	Left Exterior Girder	5.6167	0.95	1	1	8.54105
Type 3_str	BOBJ1	62.0367	After	Interior Girder 1	5.6167	0.95	1	1	6.118085
Type 3_str	BOBJ1	62.0367	After	Interior Girder 2	5.6167	0.95	1	1	5.697499
Type 3_str	BOBJ1	62.0367	After	Interior Girder 3	5.6167	0.95	1	1	5.351521
Type 3_str	BOBJ1	62.0367	After	Interior Girder 4	5.6167	0.95	1	1	5.351521
Type 3_str	BOBJ1	62.0367	After	Interior Girder 5	5.6167	0.95	1	1	5.697499
Type 3_str	BOBJ1	62.0367	After	Interior Girder 6	5.6167	0.95	1	1	6.118085
Type 3_str	BOBJ1	62.0367	After	Right Exterior Girder	5.6167	0.95	1	1	8.54105
Type 3_str	BOBJ1	62.4203	Before	Interior Girder 1	6.0003	0.95	1	1	6.256188
Type 3_str	BOBJ1	62.4203	Before	Interior Girder 2	6.0003	0.95	1	1	5.813503
Type 3_str	BOBJ1	62.4203	Before	Interior Girder 3	6.0003	0.95	1	1	5.491468
Type 3_str	BOBJ1	62.4203	Before	Interior Girder 4	6.0003	0.95	1	1	5.491468
Type 3_str	BOBJ1	62.4203	Before	Interior Girder 5	6.0003	0.95	1	1	5.813503
Type 3_str	BOBJ1	62.4203	Before	Interior Girder 6	6.0003	0.95	1	1	6.256188
Type 3_str	BOBJ1	62.4203	After	Interior Girder 1	6.0003	0.95	1	1	4.102806
Type 3_str	BOBJ1	62.4203	After	Interior Girder 2	6.0003	0.95	1	1	3.873941
Type 3_str	BOBJ1	62.4203	After	Interior Girder 3	6.0003	0.95	1	1	3.602894
Type 3_str	BOBJ1	62.4203	After	Interior Girder 4	6.0003	0.95	1	1	3.602894
Type 3_str	BOBJ1	62.4203	After	Interior Girder 5	6.0003	0.95	1	1	3.873941
Type 3_str	BOBJ1	62.4203	After	Interior Girder 6	6.0003	0.95	1	1	4.102806
Type 3_str	BOBJ1	64.9204	Before	Left Exterior Girder	8.5004	0.95	1	1	9.918932
Type 3_str	BOBJ1	64.9204	Before	Right Exterior Girder	8.5004	0.95	1	1	9.918932
Type 3_str	BOBJ1	64.9204	After	Left Exterior Girder	8.5004	0.95	1	1	4.480782
Type 3_str	BOBJ1	64.9204	After	Right Exterior Girder	8.5004	0.95	1	1	4.480782
Type 3_str	BOBJ1	67.6533	Before	Left Exterior Girder	11.2333	0.95	1	1	5.585295
Type 3_str	BOBJ1	67.6533	Before	Interior Girder 1	11.2333	0.95	1	1	5.66872
Type 3_str	BOBJ1	67.6533	Before	Interior Girder 2	11.2333	0.95	1	1	5.345096
Type 3_str	BOBJ1	67.6533	Before	Interior Girder 3	11.2333	0.95	1	1	5.34914
Type 3_str	BOBJ1	67.6533	Before	Interior Girder 4	11.2333	0.95	1	1	5.34914
Type 3_str	BOBJ1	67.6533	Before	Interior Girder 5	11.2333	0.95	1	1	5.345096
Type 3_str	BOBJ1	67.6533	Before	Interior Girder 6	11.2333	0.95	1	1	5.66872
Type 3_str	BOBJ1	67.6533	Before	Right Exterior Girder	11.2333	0.95	1	1	5.585295
Type 3_str	BOBJ1	67.6533	After	Left Exterior Girder	11.2333	0.95	1	1	5.527568
Type 3_str	BOBJ1	67.6533	After	Interior Girder 1	11.2333	0.95	1	1	5.721726
Type 3_str	BOBJ1	67.6533	After	Interior Girder 2	11.2333	0.95	1	1	5.421103
Type 3_str	BOBJ1	67.6533	After	Interior Girder 3	11.2333	0.95	1	1	5.399547
Type 3_str	BOBJ1	67.6533	After	Interior Girder 4	11.2333	0.95	1	1	5.399547
Type 3_str	BOBJ1	67.6533	After	Interior Girder 5	11.2333	0.95	1	1	5.421103
Type 3_str	BOBJ1	67.6533	After	Interior Girder 6	11.2333	0.95	1	1	5.721726
Type 3_str	BOBJ1	67.6533	After	Right Exterior Girder	11.2333	0.95	1	1	5.527568
Type 3_str	BOBJ1	73.27	Before	Left Exterior Girder	16.85	0.95	1	1	5.43442
Type 3_str	BOBJ1	73.27	Before	Interior Girder 1	16.85	0.95	1	1	4.06204
Type 3_str	BOBJ1	73.27	Before	Interior Girder 2	16.85	0.95	1	1	3.689907
Type 3_str	BOBJ1	73.27	Before	Interior Girder 3	16.85	0.95	1	1	3.545916
Type 3_str	BOBJ1	73.27	Before	Interior Girder 4	16.85	0.95	1	1	3.545916
Type 3_str	BOBJ1	73.27	Before	Interior Girder 5	16.85	0.95	1	1	3.689907
Type 3_str	BOBJ1	73.27	Before	Interior Girder 6	16.85	0.95	1	1	4.06204
Type 3_str	BOBJ1	73.27	Before	Right Exterior Girder	16.85	0.95	1	1	5.43442

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelINonCompStrgth-Flx - Approach, Span 12-1									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Type 3_str	BOBJ1	73.27	After	Left Exterior Girder	16.85	0.95	1	1	5.528142
Type 3_str	BOBJ1	73.27	After	Interior Girder 1	16.85	0.95	1	1	4.015445
Type 3_str	BOBJ1	73.27	After	Interior Girder 2	16.85	0.95	1	1	3.684578
Type 3_str	BOBJ1	73.27	After	Interior Girder 3	16.85	0.95	1	1	3.579625
Type 3_str	BOBJ1	73.27	After	Interior Girder 4	16.85	0.95	1	1	3.579625
Type 3_str	BOBJ1	73.27	After	Interior Girder 5	16.85	0.95	1	1	3.684578
Type 3_str	BOBJ1	73.27	After	Interior Girder 6	16.85	0.95	1	1	4.015445
Type 3_str	BOBJ1	73.27	After	Right Exterior Girder	16.85	0.95	1	1	5.528142
Type 3_str	BOBJ1	78.8867	Before	Left Exterior Girder	22.4667	0.95	1	1	3.694011
Type 3_str	BOBJ1	78.8867	Before	Interior Girder 1	22.4667	0.95	1	1	2.768388
Type 3_str	BOBJ1	78.8867	Before	Interior Girder 2	22.4667	0.95	1	1	2.604203
Type 3_str	BOBJ1	78.8867	Before	Interior Girder 3	22.4667	0.95	1	1	2.512584
Type 3_str	BOBJ1	78.8867	Before	Interior Girder 4	22.4667	0.95	1	1	2.512584
Type 3_str	BOBJ1	78.8867	Before	Interior Girder 5	22.4667	0.95	1	1	2.604203
Type 3_str	BOBJ1	78.8867	Before	Interior Girder 6	22.4667	0.95	1	1	2.768388
Type 3_str	BOBJ1	78.8867	Before	Right Exterior Girder	22.4667	0.95	1	1	3.694011
Type 3_str	BOBJ1	78.8867	After	Left Exterior Girder	22.4667	0.95	1	1	3.757971
Type 3_str	BOBJ1	78.8867	After	Interior Girder 1	22.4667	0.95	1	1	2.737634
Type 3_str	BOBJ1	78.8867	After	Interior Girder 2	22.4667	0.95	1	1	2.593941
Type 3_str	BOBJ1	78.8867	After	Interior Girder 3	22.4667	0.95	1	1	2.525182
Type 3_str	BOBJ1	78.8867	After	Interior Girder 4	22.4667	0.95	1	1	2.525182
Type 3_str	BOBJ1	78.8867	After	Interior Girder 5	22.4667	0.95	1	1	2.593941
Type 3_str	BOBJ1	78.8867	After	Interior Girder 6	22.4667	0.95	1	1	2.737634
Type 3_str	BOBJ1	78.8867	After	Right Exterior Girder	22.4667	0.95	1	1	3.757971
Type 3_str	BOBJ1	84.5033	Before	Left Exterior Girder	28.0833	0.95	1	1	2.93056
Type 3_str	BOBJ1	84.5033	Before	Interior Girder 1	28.0833	0.95	1	1	2.290409
Type 3_str	BOBJ1	84.5033	Before	Interior Girder 2	28.0833	0.95	1	1	2.188214
Type 3_str	BOBJ1	84.5033	Before	Interior Girder 3	28.0833	0.95	1	1	2.126136
Type 3_str	BOBJ1	84.5033	Before	Interior Girder 4	28.0833	0.95	1	1	2.126136
Type 3_str	BOBJ1	84.5033	Before	Interior Girder 5	28.0833	0.95	1	1	2.188214
Type 3_str	BOBJ1	84.5033	Before	Interior Girder 6	28.0833	0.95	1	1	2.290409
Type 3_str	BOBJ1	84.5033	Before	Right Exterior Girder	28.0833	0.95	1	1	2.93056
Type 3_str	BOBJ1	84.5033	After	Left Exterior Girder	28.0833	0.95	1	1	2.933054
Type 3_str	BOBJ1	84.5033	After	Interior Girder 1	28.0833	0.95	1	1	2.293275
Type 3_str	BOBJ1	84.5033	After	Interior Girder 2	28.0833	0.95	1	1	2.19786
Type 3_str	BOBJ1	84.5033	After	Interior Girder 3	28.0833	0.95	1	1	2.137217
Type 3_str	BOBJ1	84.5033	After	Interior Girder 4	28.0833	0.95	1	1	2.137217
Type 3_str	BOBJ1	84.5033	After	Interior Girder 5	28.0833	0.95	1	1	2.19786
Type 3_str	BOBJ1	84.5033	After	Interior Girder 6	28.0833	0.95	1	1	2.293275
Type 3_str	BOBJ1	84.5033	After	Right Exterior Girder	28.0833	0.95	1	1	2.933054
Type 3_str	BOBJ1	90.12	Before	Left Exterior Girder	33.7	0.95	1	1	2.623554
Type 3_str	BOBJ1	90.12	Before	Interior Girder 1	33.7	0.95	1	1	2.266627
Type 3_str	BOBJ1	90.12	Before	Interior Girder 2	33.7	0.95	1	1	2.169741
Type 3_str	BOBJ1	90.12	Before	Interior Girder 3	33.7	0.95	1	1	2.125142
Type 3_str	BOBJ1	90.12	Before	Interior Girder 4	33.7	0.95	1	1	2.125142
Type 3_str	BOBJ1	90.12	Before	Interior Girder 5	33.7	0.95	1	1	2.169741
Type 3_str	BOBJ1	90.12	Before	Interior Girder 6	33.7	0.95	1	1	2.266627
Type 3_str	BOBJ1	90.12	Before	Right Exterior Girder	33.7	0.95	1	1	2.623554
Type 3_str	BOBJ1	90.12	After	Left Exterior Girder	33.7	0.95	1	1	2.632507
Type 3_str	BOBJ1	90.12	After	Interior Girder 1	33.7	0.95	1	1	2.261153
Type 3_str	BOBJ1	90.12	After	Interior Girder 2	33.7	0.95	1	1	2.165653
Type 3_str	BOBJ1	90.12	After	Interior Girder 3	33.7	0.95	1	1	2.120132
Type 3_str	BOBJ1	90.12	After	Interior Girder 4	33.7	0.95	1	1	2.120132
Type 3_str	BOBJ1	90.12	After	Interior Girder 5	33.7	0.95	1	1	2.165653
Type 3_str	BOBJ1	90.12	After	Interior Girder 6	33.7	0.95	1	1	2.261153
Type 3_str	BOBJ1	90.12	After	Right Exterior Girder	33.7	0.95	1	1	2.632507
Type 3_str	BOBJ1	95.7367	Before	Left Exterior Girder	39.3167	0.95	1	1	2.907878
Type 3_str	BOBJ1	95.7367	Before	Interior Girder 1	39.3167	0.95	1	1	2.279131
Type 3_str	BOBJ1	95.7367	Before	Interior Girder 2	39.3167	0.95	1	1	2.185025
Type 3_str	BOBJ1	95.7367	Before	Interior Girder 3	39.3167	0.95	1	1	2.126977
Type 3_str	BOBJ1	95.7367	Before	Interior Girder 4	39.3167	0.95	1	1	2.126977
Type 3_str	BOBJ1	95.7367	Before	Interior Girder 5	39.3167	0.95	1	1	2.185025
Type 3_str	BOBJ1	95.7367	Before	Interior Girder 6	39.3167	0.95	1	1	2.279131
Type 3_str	BOBJ1	95.7367	Before	Right Exterior Girder	39.3167	0.95	1	1	2.907878
Type 3_str	BOBJ1	95.7367	After	Left Exterior Girder	39.3167	0.95	1	1	2.907335

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelINonCompStrgth-Flx - Approach, Span 12-1									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Type 3_str	BOBJ1	95.7367	After	Interior Girder 1	39.3167	0.95	1	1	2.27534
Type 3_str	BOBJ1	95.7367	After	Interior Girder 2	39.3167	0.95	1	1	2.175558
Type 3_str	BOBJ1	95.7367	After	Interior Girder 3	39.3167	0.95	1	1	2.116585
Type 3_str	BOBJ1	95.7367	After	Interior Girder 4	39.3167	0.95	1	1	2.116585
Type 3_str	BOBJ1	95.7367	After	Interior Girder 5	39.3167	0.95	1	1	2.175558
Type 3_str	BOBJ1	95.7367	After	Interior Girder 6	39.3167	0.95	1	1	2.27534
Type 3_str	BOBJ1	95.7367	After	Right Exterior Girder	39.3167	0.95	1	1	2.907335
Type 3_str	BOBJ1	101.3533	Before	Left Exterior Girder	44.9333	0.95	1	1	3.672166
Type 3_str	BOBJ1	101.3533	Before	Interior Girder 1	44.9333	0.95	1	1	2.707081
Type 3_str	BOBJ1	101.3533	Before	Interior Girder 2	44.9333	0.95	1	1	2.565445
Type 3_str	BOBJ1	101.3533	Before	Interior Girder 3	44.9333	0.95	1	1	2.504961
Type 3_str	BOBJ1	101.3533	Before	Interior Girder 4	44.9333	0.95	1	1	2.504961
Type 3_str	BOBJ1	101.3533	Before	Interior Girder 5	44.9333	0.95	1	1	2.565445
Type 3_str	BOBJ1	101.3533	Before	Interior Girder 6	44.9333	0.95	1	1	2.707081
Type 3_str	BOBJ1	101.3533	Before	Right Exterior Girder	44.9333	0.95	1	1	3.672166
Type 3_str	BOBJ1	101.3533	After	Left Exterior Girder	44.9333	0.95	1	1	3.610848
Type 3_str	BOBJ1	101.3533	After	Interior Girder 1	44.9333	0.95	1	1	2.736329
Type 3_str	BOBJ1	101.3533	After	Interior Girder 2	44.9333	0.95	1	1	2.576523
Type 3_str	BOBJ1	101.3533	After	Interior Girder 3	44.9333	0.95	1	1	2.493518
Type 3_str	BOBJ1	101.3533	After	Interior Girder 4	44.9333	0.95	1	1	2.493518
Type 3_str	BOBJ1	101.3533	After	Interior Girder 5	44.9333	0.95	1	1	2.576523
Type 3_str	BOBJ1	101.3533	After	Interior Girder 6	44.9333	0.95	1	1	2.736329
Type 3_str	BOBJ1	101.3533	After	Right Exterior Girder	44.9333	0.95	1	1	3.610848
Type 3_str	BOBJ1	106.97	Before	Left Exterior Girder	50.55	0.95	1	1	5.29113
Type 3_str	BOBJ1	106.97	Before	Interior Girder 1	50.55	0.95	1	1	3.939315
Type 3_str	BOBJ1	106.97	Before	Interior Girder 2	50.55	0.95	1	1	3.614237
Type 3_str	BOBJ1	106.97	Before	Interior Girder 3	50.55	0.95	1	1	3.528041
Type 3_str	BOBJ1	106.97	Before	Interior Girder 4	50.55	0.95	1	1	3.528041
Type 3_str	BOBJ1	106.97	Before	Interior Girder 5	50.55	0.95	1	1	3.614237
Type 3_str	BOBJ1	106.97	Before	Interior Girder 6	50.55	0.95	1	1	3.939315
Type 3_str	BOBJ1	106.97	Before	Right Exterior Girder	50.55	0.95	1	1	5.29113
Type 3_str	BOBJ1	106.97	After	Left Exterior Girder	50.55	0.95	1	1	5.245438
Type 3_str	BOBJ1	106.97	After	Interior Girder 1	50.55	0.95	1	1	3.956812
Type 3_str	BOBJ1	106.97	After	Interior Girder 2	50.55	0.95	1	1	3.607592
Type 3_str	BOBJ1	106.97	After	Interior Girder 3	50.55	0.95	1	1	3.482675
Type 3_str	BOBJ1	106.97	After	Interior Girder 4	50.55	0.95	1	1	3.482675
Type 3_str	BOBJ1	106.97	After	Interior Girder 5	50.55	0.95	1	1	3.607592
Type 3_str	BOBJ1	106.97	After	Interior Girder 6	50.55	0.95	1	1	3.956812
Type 3_str	BOBJ1	106.97	After	Right Exterior Girder	50.55	0.95	1	1	5.245438
Type 3_str	BOBJ1	112.5933	Before	Left Exterior Girder	56.1733	0.95	1	1	4.603067
Type 3_str	BOBJ1	112.5933	Before	Interior Girder 1	56.1733	0.95	1	1	4.842631
Type 3_str	BOBJ1	112.5933	Before	Interior Girder 2	56.1733	0.95	1	1	4.62264
Type 3_str	BOBJ1	112.5933	Before	Interior Girder 3	56.1733	0.95	1	1	4.671965
Type 3_str	BOBJ1	112.5933	Before	Interior Girder 4	56.1733	0.95	1	1	4.671965
Type 3_str	BOBJ1	112.5933	Before	Interior Girder 5	56.1733	0.95	1	1	4.62264
Type 3_str	BOBJ1	112.5933	Before	Interior Girder 6	56.1733	0.95	1	1	4.842631
Type 3_str	BOBJ1	112.5933	Before	Right Exterior Girder	56.1733	0.95	1	1	4.603067
Type 3_str	BOBJ1	112.5933	After	Left Exterior Girder	56.1733	0.95	1	1	4.645777
Type 3_str	BOBJ1	112.5933	After	Interior Girder 1	56.1733	0.95	1	1	4.80839
Type 3_str	BOBJ1	112.5933	After	Interior Girder 2	56.1733	0.95	1	1	4.575018
Type 3_str	BOBJ1	112.5933	After	Interior Girder 3	56.1733	0.95	1	1	4.638935
Type 3_str	BOBJ1	112.5933	After	Interior Girder 4	56.1733	0.95	1	1	4.638935
Type 3_str	BOBJ1	112.5933	After	Interior Girder 5	56.1733	0.95	1	1	4.575018
Type 3_str	BOBJ1	112.5933	After	Interior Girder 6	56.1733	0.95	1	1	4.80839
Type 3_str	BOBJ1	112.5933	After	Right Exterior Girder	56.1733	0.95	1	1	4.645777
Type 3_str	BOBJ1	115.3396	Before	Left Exterior Girder	58.9196	0.95	1	1	3.70787
Type 3_str	BOBJ1	115.3396	Before	Right Exterior Girder	58.9196	0.95	1	1	3.70787
Type 3_str	BOBJ1	115.3396	After	Left Exterior Girder	58.9196	0.95	1	1	8.270176
Type 3_str	BOBJ1	115.3396	After	Right Exterior Girder	58.9196	0.95	1	1	8.270176
Type 3_str	BOBJ1	118.2167	Before	Left Exterior Girder	61.7967	0.95	1	1	7.12148
Type 3_str	BOBJ1	118.2167	Before	Interior Girder 1	61.9198	0.95	1	1	3.339761
Type 3_str	BOBJ1	118.2167	Before	Interior Girder 2	61.9198	0.95	1	1	3.213696
Type 3_str	BOBJ1	118.2167	Before	Interior Girder 3	61.9198	0.95	1	1	3.025459
Type 3_str	BOBJ1	118.2167	Before	Interior Girder 4	61.9198	0.95	1	1	3.025459
Type 3_str	BOBJ1	118.2167	Before	Interior Girder 5	61.9198	0.95	1	1	3.213696

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelINonCompStrgth-Flx - Approach, Span 12-1									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Type 3_str	BOBJ1	118.2167	Before	Interior Girder 6	61.9198	0.95	1	1	3.339761
Type 3_str	BOBJ1	118.2167	Before	Right Exterior Girder	61.7967	0.95	1	1	7.12148
Type 3_str	BOBJ1	118.2167	After	Left Exterior Girder	61.7967	0.95	1	1	7.128037
Type 3_str	BOBJ1	118.2167	After	Interior Girder 1	61.9198	0.95	1	1	5.142314
Type 3_str	BOBJ1	118.2167	After	Interior Girder 2	61.9198	0.95	1	1	4.81746
Type 3_str	BOBJ1	118.2167	After	Interior Girder 3	61.9198	0.95	1	1	4.611037
Type 3_str	BOBJ1	118.2167	After	Interior Girder 4	61.9198	0.95	1	1	4.611037
Type 3_str	BOBJ1	118.2167	After	Interior Girder 5	61.9198	0.95	1	1	4.81746
Type 3_str	BOBJ1	118.2167	After	Interior Girder 6	61.9198	0.95	1	1	5.142314
Type 3_str	BOBJ1	118.2167	After	Right Exterior Girder	61.7967	0.95	1	1	7.128037
Type 3_str	BOBJ1	123.84	Before	Left Exterior Girder	67.42	0.95	1	1	4.886474
Type 3_str	BOBJ1	123.84	Before	Interior Girder 1	67.42	0.95	1	1	3.259666
Type 3_str	BOBJ1	123.84	Before	Interior Girder 2	67.42	0.95	1	1	3.02824
Type 3_str	BOBJ1	123.84	Before	Interior Girder 3	67.42	0.95	1	1	2.51443
Type 3_str	BOBJ1	123.84	Before	Interior Girder 4	67.42	0.95	1	1	2.51443
Type 3_str	BOBJ1	123.84	Before	Interior Girder 5	67.42	0.95	1	1	3.02824
Type 3_str	BOBJ1	123.84	Before	Interior Girder 6	67.42	0.95	1	1	3.259666
Type 3_str	BOBJ1	123.84	Before	Right Exterior Girder	67.42	0.95	1	1	4.886474
Type 3_str	BOBJ1	123.84	After	Left Exterior Girder	0	0.95	1	1	5.22285
Type 3_str	BOBJ1	123.84	After	Interior Girder 1	0	0.95	1	1	3.476434
Type 3_str	BOBJ1	123.84	After	Interior Girder 2	0	0.95	1	1	3.249077
Type 3_str	BOBJ1	123.84	After	Interior Girder 3	0	0.95	1	1	2.707968
Type 3_str	BOBJ1	123.84	After	Interior Girder 4	0	0.95	1	1	2.707968
Type 3_str	BOBJ1	123.84	After	Interior Girder 5	0	0.95	1	1	3.249077
Type 3_str	BOBJ1	123.84	After	Interior Girder 6	0	0.95	1	1	3.476434
Type 3_str	BOBJ1	123.84	After	Right Exterior Girder	0	0.95	1	1	5.22285
Type 3_str	BOBJ1	129.34	Before	Interior Girder 1	5.5	0.95	1	1	5.521368
Type 3_str	BOBJ1	129.34	Before	Interior Girder 2	5.5	0.95	1	1	5.195764
Type 3_str	BOBJ1	129.34	Before	Interior Girder 3	5.5	0.95	1	1	4.975085
Type 3_str	BOBJ1	129.34	Before	Interior Girder 4	5.5	0.95	1	1	4.975085
Type 3_str	BOBJ1	129.34	Before	Interior Girder 5	5.5	0.95	1	1	5.195764
Type 3_str	BOBJ1	129.34	Before	Interior Girder 6	5.5	0.95	1	1	5.521368
Type 3_str	BOBJ1	129.34	After	Interior Girder 1	5.5	0.95	1	1	3.647115
Type 3_str	BOBJ1	129.34	After	Interior Girder 2	5.5	0.95	1	1	3.466994
Type 3_str	BOBJ1	129.34	After	Interior Girder 3	5.5	0.95	1	1	3.277898
Type 3_str	BOBJ1	129.34	After	Interior Girder 4	5.5	0.95	1	1	3.277898
Type 3_str	BOBJ1	129.34	After	Interior Girder 5	5.5	0.95	1	1	3.466994
Type 3_str	BOBJ1	129.34	After	Interior Girder 6	5.5	0.95	1	1	3.647115
Type 3_str	BOBJ1	130.79	Before	Left Exterior Girder	6.95	0.95	1	1	8.147406
Type 3_str	BOBJ1	130.79	Before	Interior Girder 1	6.95	0.95	1	1	4.052831
Type 3_str	BOBJ1	130.79	Before	Interior Girder 2	6.95	0.95	1	1	3.806289
Type 3_str	BOBJ1	130.79	Before	Interior Girder 3	6.95	0.95	1	1	3.691294
Type 3_str	BOBJ1	130.79	Before	Interior Girder 4	6.95	0.95	1	1	3.691294
Type 3_str	BOBJ1	130.79	Before	Interior Girder 5	6.95	0.95	1	1	3.806289
Type 3_str	BOBJ1	130.79	Before	Interior Girder 6	6.95	0.95	1	1	4.052831
Type 3_str	BOBJ1	130.79	Before	Right Exterior Girder	6.95	0.95	1	1	8.147406
Type 3_str	BOBJ1	130.79	After	Left Exterior Girder	6.95	0.95	1	1	8.211486
Type 3_str	BOBJ1	130.79	After	Interior Girder 1	6.95	0.95	1	1	4.034266
Type 3_str	BOBJ1	130.79	After	Interior Girder 2	6.95	0.95	1	1	3.840757
Type 3_str	BOBJ1	130.79	After	Interior Girder 3	6.95	0.95	1	1	3.713211
Type 3_str	BOBJ1	130.79	After	Interior Girder 4	6.95	0.95	1	1	3.713211
Type 3_str	BOBJ1	130.79	After	Interior Girder 5	6.95	0.95	1	1	3.840757
Type 3_str	BOBJ1	130.79	After	Interior Girder 6	6.95	0.95	1	1	4.034266
Type 3_str	BOBJ1	130.79	After	Right Exterior Girder	6.95	0.95	1	1	8.211486
Type 3_str	BOBJ1	132.34	Before	Left Exterior Girder	8.5	0.95	1	1	8.920629
Type 3_str	BOBJ1	132.34	Before	Right Exterior Girder	8.5	0.95	1	1	8.920629
Type 3_str	BOBJ1	132.34	After	Left Exterior Girder	8.5	0.95	1	1	3.987628
Type 3_str	BOBJ1	132.34	After	Right Exterior Girder	8.5	0.95	1	1	3.987628
Type 3_str	BOBJ1	137.74	Before	Left Exterior Girder	13.9	0.95	1	1	5.884837
Type 3_str	BOBJ1	137.74	Before	Interior Girder 1	13.9	0.95	1	1	5.063277
Type 3_str	BOBJ1	137.74	Before	Interior Girder 2	13.9	0.95	1	1	4.572684
Type 3_str	BOBJ1	137.74	Before	Interior Girder 3	13.9	0.95	1	1	4.379932
Type 3_str	BOBJ1	137.74	Before	Interior Girder 4	13.9	0.95	1	1	4.379932
Type 3_str	BOBJ1	137.74	Before	Interior Girder 5	13.9	0.95	1	1	4.572684
Type 3_str	BOBJ1	137.74	Before	Interior Girder 6	13.9	0.95	1	1	5.063277

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelINonCompStrgth-Flx - Approach, Span 12-1									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Type 3_str	BOBJ1	137.74	Before	Right Exterior Girder	13.9	0.95	1	1	5.884837
Type 3_str	BOBJ1	137.74	After	Left Exterior Girder	13.9	0.95	1	1	6.423397
Type 3_str	BOBJ1	137.74	After	Interior Girder 1	13.9	0.95	1	1	5.019075
Type 3_str	BOBJ1	137.74	After	Interior Girder 2	13.9	0.95	1	1	4.574774
Type 3_str	BOBJ1	137.74	After	Interior Girder 3	13.9	0.95	1	1	4.450565
Type 3_str	BOBJ1	137.74	After	Interior Girder 4	13.9	0.95	1	1	4.450565
Type 3_str	BOBJ1	137.74	After	Interior Girder 5	13.9	0.95	1	1	4.574774
Type 3_str	BOBJ1	137.74	After	Interior Girder 6	13.9	0.95	1	1	5.019075
Type 3_str	BOBJ1	137.74	After	Right Exterior Girder	13.9	0.95	1	1	6.423397
Type 3_str	BOBJ1	143.7733	Before	Left Exterior Girder	19.9333	0.95	1	1	4.305224
Type 3_str	BOBJ1	143.7733	Before	Interior Girder 1	19.9333	0.95	1	1	3.050772
Type 3_str	BOBJ1	143.7733	Before	Interior Girder 2	19.9333	0.95	1	1	2.857156
Type 3_str	BOBJ1	143.7733	Before	Interior Girder 3	19.9333	0.95	1	1	2.755858
Type 3_str	BOBJ1	143.7733	Before	Interior Girder 4	19.9333	0.95	1	1	2.755858
Type 3_str	BOBJ1	143.7733	Before	Interior Girder 5	19.9333	0.95	1	1	2.857156
Type 3_str	BOBJ1	143.7733	Before	Interior Girder 6	19.9333	0.95	1	1	3.050772
Type 3_str	BOBJ1	143.7733	Before	Right Exterior Girder	19.9333	0.95	1	1	4.305224
Type 3_str	BOBJ1	143.7733	After	Left Exterior Girder	19.9333	0.95	1	1	4.384722
Type 3_str	BOBJ1	143.7733	After	Interior Girder 1	19.9333	0.95	1	1	3.011734
Type 3_str	BOBJ1	143.7733	After	Interior Girder 2	19.9333	0.95	1	1	2.851565
Type 3_str	BOBJ1	143.7733	After	Interior Girder 3	19.9333	0.95	1	1	2.782429
Type 3_str	BOBJ1	143.7733	After	Interior Girder 4	19.9333	0.95	1	1	2.782429
Type 3_str	BOBJ1	143.7733	After	Interior Girder 5	19.9333	0.95	1	1	2.851565
Type 3_str	BOBJ1	143.7733	After	Interior Girder 6	19.9333	0.95	1	1	3.011734
Type 3_str	BOBJ1	143.7733	After	Right Exterior Girder	19.9333	0.95	1	1	4.384722
Type 3_str	BOBJ1	149.8067	Before	Left Exterior Girder	25.9667	0.95	1	1	3.096352
Type 3_str	BOBJ1	149.8067	Before	Interior Girder 1	25.9667	0.95	1	1	2.355922
Type 3_str	BOBJ1	149.8067	Before	Interior Girder 2	25.9667	0.95	1	1	2.243541
Type 3_str	BOBJ1	149.8067	Before	Interior Girder 3	25.9667	0.95	1	1	2.180082
Type 3_str	BOBJ1	149.8067	Before	Interior Girder 4	25.9667	0.95	1	1	2.180082
Type 3_str	BOBJ1	149.8067	Before	Interior Girder 5	25.9667	0.95	1	1	2.243541
Type 3_str	BOBJ1	149.8067	Before	Interior Girder 6	25.9667	0.95	1	1	2.355922
Type 3_str	BOBJ1	149.8067	Before	Right Exterior Girder	25.9667	0.95	1	1	3.096352
Type 3_str	BOBJ1	149.8067	After	Left Exterior Girder	25.9667	0.95	1	1	3.103303
Type 3_str	BOBJ1	149.8067	After	Interior Girder 1	25.9667	0.95	1	1	2.355068
Type 3_str	BOBJ1	149.8067	After	Interior Girder 2	25.9667	0.95	1	1	2.255255
Type 3_str	BOBJ1	149.8067	After	Interior Girder 3	25.9667	0.95	1	1	2.199393
Type 3_str	BOBJ1	149.8067	After	Interior Girder 4	25.9667	0.95	1	1	2.199393
Type 3_str	BOBJ1	149.8067	After	Interior Girder 5	25.9667	0.95	1	1	2.255255
Type 3_str	BOBJ1	149.8067	After	Interior Girder 6	25.9667	0.95	1	1	2.355068
Type 3_str	BOBJ1	149.8067	After	Right Exterior Girder	25.9667	0.95	1	1	3.103303
Type 3_str	BOBJ1	155.84	Before	Left Exterior Girder	32	0.95	1	1	2.588786
Type 3_str	BOBJ1	155.84	Before	Interior Girder 1	32	0.95	1	1	2.235235
Type 3_str	BOBJ1	155.84	Before	Interior Girder 2	32	0.95	1	1	2.135562
Type 3_str	BOBJ1	155.84	Before	Interior Girder 3	32	0.95	1	1	2.096109
Type 3_str	BOBJ1	155.84	Before	Interior Girder 4	32	0.95	1	1	2.096109
Type 3_str	BOBJ1	155.84	Before	Interior Girder 5	32	0.95	1	1	2.135562
Type 3_str	BOBJ1	155.84	Before	Interior Girder 6	32	0.95	1	1	2.235235
Type 3_str	BOBJ1	155.84	Before	Right Exterior Girder	32	0.95	1	1	2.588786
Type 3_str	BOBJ1	155.84	After	Left Exterior Girder	32	0.95	1	1	2.60306
Type 3_str	BOBJ1	155.84	After	Interior Girder 1	32	0.95	1	1	2.226105
Type 3_str	BOBJ1	155.84	After	Interior Girder 2	32	0.95	1	1	2.131169
Type 3_str	BOBJ1	155.84	After	Interior Girder 3	32	0.95	1	1	2.091326
Type 3_str	BOBJ1	155.84	After	Interior Girder 4	32	0.95	1	1	2.091326
Type 3_str	BOBJ1	155.84	After	Interior Girder 5	32	0.95	1	1	2.131169
Type 3_str	BOBJ1	155.84	After	Interior Girder 6	32	0.95	1	1	2.226105
Type 3_str	BOBJ1	155.84	After	Right Exterior Girder	32	0.95	1	1	2.60306
Type 3_str	BOBJ1	161.8733	Before	Left Exterior Girder	38.0333	0.95	1	1	2.798676
Type 3_str	BOBJ1	161.8733	Before	Interior Girder 1	38.0333	0.95	1	1	2.1855
Type 3_str	BOBJ1	161.8733	Before	Interior Girder 2	38.0333	0.95	1	1	2.093726
Type 3_str	BOBJ1	161.8733	Before	Interior Girder 3	38.0333	0.95	1	1	2.038562
Type 3_str	BOBJ1	161.8733	Before	Interior Girder 4	38.0333	0.95	1	1	2.038562
Type 3_str	BOBJ1	161.8733	Before	Interior Girder 5	38.0333	0.95	1	1	2.093726
Type 3_str	BOBJ1	161.8733	Before	Interior Girder 6	38.0333	0.95	1	1	2.1855
Type 3_str	BOBJ1	161.8733	Before	Right Exterior Girder	38.0333	0.95	1	1	2.798676

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelINonCompStrgth-Flx - Approach, Span 12-1									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Type 3_str	BOBJ1	161.8733	After	Left Exterior Girder	38.0333	0.95	1	1	2.804141
Type 3_str	BOBJ1	161.8733	After	Interior Girder 1	38.0333	0.95	1	1	2.178493
Type 3_str	BOBJ1	161.8733	After	Interior Girder 2	38.0333	0.95	1	1	2.083573
Type 3_str	BOBJ1	161.8733	After	Interior Girder 3	38.0333	0.95	1	1	2.026975
Type 3_str	BOBJ1	161.8733	After	Interior Girder 4	38.0333	0.95	1	1	2.026975
Type 3_str	BOBJ1	161.8733	After	Interior Girder 5	38.0333	0.95	1	1	2.083573
Type 3_str	BOBJ1	161.8733	After	Interior Girder 6	38.0333	0.95	1	1	2.178493
Type 3_str	BOBJ1	161.8733	After	Right Exterior Girder	38.0333	0.95	1	1	2.804141
Type 3_str	BOBJ1	167.9067	Before	Left Exterior Girder	44.0667	0.95	1	1	3.493573
Type 3_str	BOBJ1	167.9067	Before	Interior Girder 1	44.0667	0.95	1	1	2.560257
Type 3_str	BOBJ1	167.9067	Before	Interior Girder 2	44.0667	0.95	1	1	2.423952
Type 3_str	BOBJ1	167.9067	Before	Interior Girder 3	44.0667	0.95	1	1	2.364666
Type 3_str	BOBJ1	167.9067	Before	Interior Girder 4	44.0667	0.95	1	1	2.364666
Type 3_str	BOBJ1	167.9067	Before	Interior Girder 5	44.0667	0.95	1	1	2.423952
Type 3_str	BOBJ1	167.9067	Before	Interior Girder 6	44.0667	0.95	1	1	2.560257
Type 3_str	BOBJ1	167.9067	Before	Right Exterior Girder	44.0667	0.95	1	1	3.493573
Type 3_str	BOBJ1	167.9067	After	Left Exterior Girder	44.0667	0.95	1	1	3.430478
Type 3_str	BOBJ1	167.9067	After	Interior Girder 1	44.0667	0.95	1	1	2.588206
Type 3_str	BOBJ1	167.9067	After	Interior Girder 2	44.0667	0.95	1	1	2.435125
Type 3_str	BOBJ1	167.9067	After	Interior Girder 3	44.0667	0.95	1	1	2.351652
Type 3_str	BOBJ1	167.9067	After	Interior Girder 4	44.0667	0.95	1	1	2.351652
Type 3_str	BOBJ1	167.9067	After	Interior Girder 5	44.0667	0.95	1	1	2.435125
Type 3_str	BOBJ1	167.9067	After	Interior Girder 6	44.0667	0.95	1	1	2.588206
Type 3_str	BOBJ1	167.9067	After	Right Exterior Girder	44.0667	0.95	1	1	3.430478
Type 3_str	BOBJ1	173.94	Before	Left Exterior Girder	50.1	0.95	1	1	5.041381
Type 3_str	BOBJ1	173.94	Before	Interior Girder 1	50.1	0.95	1	1	3.756232
Type 3_str	BOBJ1	173.94	Before	Interior Girder 2	50.1	0.95	1	1	3.436667
Type 3_str	BOBJ1	173.94	Before	Interior Girder 3	50.1	0.95	1	1	3.343365
Type 3_str	BOBJ1	173.94	Before	Interior Girder 4	50.1	0.95	1	1	3.343365
Type 3_str	BOBJ1	173.94	Before	Interior Girder 5	50.1	0.95	1	1	3.436667
Type 3_str	BOBJ1	173.94	Before	Interior Girder 6	50.1	0.95	1	1	3.756232
Type 3_str	BOBJ1	173.94	Before	Right Exterior Girder	50.1	0.95	1	1	5.041381
Type 3_str	BOBJ1	173.94	After	Left Exterior Girder	50.1	0.95	1	1	4.990742
Type 3_str	BOBJ1	173.94	After	Interior Girder 1	50.1	0.95	1	1	3.773477
Type 3_str	BOBJ1	173.94	After	Interior Girder 2	50.1	0.95	1	1	3.425193
Type 3_str	BOBJ1	173.94	After	Interior Girder 3	50.1	0.95	1	1	3.302242
Type 3_str	BOBJ1	173.94	After	Interior Girder 4	50.1	0.95	1	1	3.302242
Type 3_str	BOBJ1	173.94	After	Interior Girder 5	50.1	0.95	1	1	3.425193
Type 3_str	BOBJ1	173.94	After	Interior Girder 6	50.1	0.95	1	1	3.773477
Type 3_str	BOBJ1	173.94	After	Right Exterior Girder	50.1	0.95	1	1	4.990742
Type 3_str	BOBJ1	179.98	Before	Left Exterior Girder	56.14	0.95	1	1	6.026903
Type 3_str	BOBJ1	179.98	Before	Interior Girder 1	56.14	0.95	1	1	6.163498
Type 3_str	BOBJ1	179.98	Before	Interior Girder 2	56.14	0.95	1	1	5.536272
Type 3_str	BOBJ1	179.98	Before	Interior Girder 3	56.14	0.95	1	1	5.267511
Type 3_str	BOBJ1	179.98	Before	Interior Girder 4	56.14	0.95	1	1	5.267511
Type 3_str	BOBJ1	179.98	Before	Interior Girder 5	56.14	0.95	1	1	5.536272
Type 3_str	BOBJ1	179.98	Before	Interior Girder 6	56.14	0.95	1	1	6.163498
Type 3_str	BOBJ1	179.98	Before	Right Exterior Girder	56.14	0.95	1	1	6.026903
Type 3_str	BOBJ1	179.98	After	Left Exterior Girder	56.14	0.95	1	1	6.095293
Type 3_str	BOBJ1	179.98	After	Interior Girder 1	56.14	0.95	1	1	6.111873
Type 3_str	BOBJ1	179.98	After	Interior Girder 2	56.14	0.95	1	1	5.515188
Type 3_str	BOBJ1	179.98	After	Interior Girder 3	56.14	0.95	1	1	5.098503
Type 3_str	BOBJ1	179.98	After	Interior Girder 4	56.14	0.95	1	1	5.098503
Type 3_str	BOBJ1	179.98	After	Interior Girder 5	56.14	0.95	1	1	5.515188
Type 3_str	BOBJ1	179.98	After	Interior Girder 6	56.14	0.95	1	1	6.111873
Type 3_str	BOBJ1	179.98	After	Right Exterior Girder	56.14	0.95	1	1	6.095293
Type 3_str	BOBJ1	183.56	Before	Left Exterior Girder	59.72	0.95	1	1	4.574307
Type 3_str	BOBJ1	183.56	Before	Right Exterior Girder	59.72	0.95	1	1	4.574307
Type 3_str	BOBJ1	183.56	After	Left Exterior Girder	59.72	0.95	1	1	11.064751
Type 3_str	BOBJ1	183.56	After	Right Exterior Girder	59.72	0.95	1	1	11.064751
Type 3_str	BOBJ1	186.02	Before	Left Exterior Girder	62.18	0.95	1	1	9.756446
Type 3_str	BOBJ1	186.02	Before	Interior Girder 1	62.22	0.95	1	1	4.117935
Type 3_str	BOBJ1	186.02	Before	Interior Girder 2	62.22	0.95	1	1	3.929982
Type 3_str	BOBJ1	186.02	Before	Interior Girder 3	62.22	0.95	1	1	3.60488
Type 3_str	BOBJ1	186.02	Before	Interior Girder 4	62.22	0.95	1	1	3.60488

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelINonCompStrgth-Flx - Approach, Span 12-1									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Type 3_str	BOBJ1	186.02	Before	Interior Girder 5	62.22	0.95	1	1	3.929982
Type 3_str	BOBJ1	186.02	Before	Interior Girder 6	62.22	0.95	1	1	4.117935
Type 3_str	BOBJ1	186.02	Before	Right Exterior Girder	62.18	0.95	1	1	9.756446
Type 3_str	BOBJ1	186.02	After	Left Exterior Girder	62.18	0.95	1	1	9.809768
Type 3_str	BOBJ1	186.02	After	Interior Girder 1	62.22	0.95	1	1	6.716741
Type 3_str	BOBJ1	186.02	After	Interior Girder 2	62.22	0.95	1	1	6.19326
Type 3_str	BOBJ1	186.02	After	Interior Girder 3	62.22	0.95	1	1	5.778944
Type 3_str	BOBJ1	186.02	After	Interior Girder 4	62.22	0.95	1	1	5.778944
Type 3_str	BOBJ1	186.02	After	Interior Girder 5	62.22	0.95	1	1	6.19326
Type 3_str	BOBJ1	186.02	After	Interior Girder 6	62.22	0.95	1	1	6.716741
Type 3_str	BOBJ1	186.02	After	Right Exterior Girder	62.18	0.95	1	1	9.809768
Type 3_str	BOBJ1	192.06	Before	Left Exterior Girder	68.22	0.95	1	1	4.709242
Type 3_str	BOBJ1	192.06	Before	Interior Girder 1	68.22	0.95	1	1	3.103267
Type 3_str	BOBJ1	192.06	Before	Interior Girder 2	68.22	0.95	1	1	2.962874
Type 3_str	BOBJ1	192.06	Before	Interior Girder 3	68.22	0.95	1	1	2.501631
Type 3_str	BOBJ1	192.06	Before	Interior Girder 4	68.22	0.95	1	1	2.501631
Type 3_str	BOBJ1	192.06	Before	Interior Girder 5	68.22	0.95	1	1	2.962874
Type 3_str	BOBJ1	192.06	Before	Interior Girder 6	68.22	0.95	1	1	3.103267
Type 3_str	BOBJ1	192.06	Before	Right Exterior Girder	68.22	0.95	1	1	4.709242
Type 3_str	BOBJ1	192.06	After	Left Exterior Girder	0	0.95	1	1	5.819088
Type 3_str	BOBJ1	192.06	After	Interior Girder 1	0	0.95	1	1	4.508764
Type 3_str	BOBJ1	192.06	After	Interior Girder 2	0	0.95	1	1	4.089065
Type 3_str	BOBJ1	192.06	After	Interior Girder 3	0	0.95	1	1	3.520528
Type 3_str	BOBJ1	192.06	After	Interior Girder 4	0	0.95	1	1	3.520528
Type 3_str	BOBJ1	192.06	After	Interior Girder 5	0	0.95	1	1	4.089065
Type 3_str	BOBJ1	192.06	After	Interior Girder 6	0	0.95	1	1	4.508764
Type 3_str	BOBJ1	192.06	After	Right Exterior Girder	0	0.95	1	1	5.819088
Type 3_str	BOBJ1	197.087	Before	Interior Girder 1	5.027	0.95	1	1	5.801869
Type 3_str	BOBJ1	197.087	Before	Interior Girder 2	5.027	0.95	1	1	5.434584
Type 3_str	BOBJ1	197.087	Before	Interior Girder 3	5.027	0.95	1	1	5.331667
Type 3_str	BOBJ1	197.087	Before	Interior Girder 4	5.027	0.95	1	1	5.331667
Type 3_str	BOBJ1	197.087	Before	Interior Girder 5	5.027	0.95	1	1	5.434584
Type 3_str	BOBJ1	197.087	Before	Interior Girder 6	5.027	0.95	1	1	5.801869
Type 3_str	BOBJ1	197.087	After	Interior Girder 1	5.027	0.95	1	1	3.615847
Type 3_str	BOBJ1	197.087	After	Interior Girder 2	5.027	0.95	1	1	3.406261
Type 3_str	BOBJ1	197.087	After	Interior Girder 3	5.027	0.95	1	1	3.316951
Type 3_str	BOBJ1	197.087	After	Interior Girder 4	5.027	0.95	1	1	3.316951
Type 3_str	BOBJ1	197.087	After	Interior Girder 5	5.027	0.95	1	1	3.406261
Type 3_str	BOBJ1	197.087	After	Interior Girder 6	5.027	0.95	1	1	3.615847
Type 3_str	BOBJ1	197.91	Before	Left Exterior Girder	5.85	0.95	1	1	8.071157
Type 3_str	BOBJ1	197.91	Before	Interior Girder 1	5.85	0.95	1	1	3.826629
Type 3_str	BOBJ1	197.91	Before	Interior Girder 2	5.85	0.95	1	1	3.574308
Type 3_str	BOBJ1	197.91	Before	Interior Girder 3	5.85	0.95	1	1	3.544384
Type 3_str	BOBJ1	197.91	Before	Interior Girder 4	5.85	0.95	1	1	3.544384
Type 3_str	BOBJ1	197.91	Before	Interior Girder 5	5.85	0.95	1	1	3.574308
Type 3_str	BOBJ1	197.91	Before	Interior Girder 6	5.85	0.95	1	1	3.826629
Type 3_str	BOBJ1	197.91	Before	Right Exterior Girder	5.85	0.95	1	1	8.071157
Type 3_str	BOBJ1	197.91	After	Left Exterior Girder	5.85	0.95	1	1	6.844735
Type 3_str	BOBJ1	197.91	After	Interior Girder 1	5.85	0.95	1	1	3.184871
Type 3_str	BOBJ1	197.91	After	Interior Girder 2	5.85	0.95	1	1	3.009425
Type 3_str	BOBJ1	197.91	After	Interior Girder 3	5.85	0.95	1	1	2.951862
Type 3_str	BOBJ1	197.91	After	Interior Girder 4	5.85	0.95	1	1	2.951862
Type 3_str	BOBJ1	197.91	After	Interior Girder 5	5.85	0.95	1	1	3.009425
Type 3_str	BOBJ1	197.91	After	Interior Girder 6	5.85	0.95	1	1	3.184871
Type 3_str	BOBJ1	197.91	After	Right Exterior Girder	5.85	0.95	1	1	6.844735
Type 3_str	BOBJ1	199.1816	Before	Left Exterior Girder	7.1216	0.95	1	1	7.329412
Type 3_str	BOBJ1	199.1816	Before	Right Exterior Girder	7.1216	0.95	1	1	7.329412
Type 3_str	BOBJ1	199.1816	After	Left Exterior Girder	7.1216	0.95	1	1	2.942373
Type 3_str	BOBJ1	199.1816	After	Right Exterior Girder	7.1216	0.95	1	1	2.942373
Type 3_str	BOBJ1	203.5267	Before	Left Exterior Girder	11.3107	0.95	1	1	4.238108
Type 3_str	BOBJ1	203.5267	Before	Interior Girder 1	11.3107	0.95	1	1	4.527219
Type 3_str	BOBJ1	203.5267	Before	Interior Girder 2	11.3107	0.95	1	1	4.276849
Type 3_str	BOBJ1	203.5267	Before	Interior Girder 3	11.3107	0.95	1	1	4.316952
Type 3_str	BOBJ1	203.5267	Before	Interior Girder 4	11.3107	0.95	1	1	4.316952
Type 3_str	BOBJ1	203.5267	Before	Interior Girder 5	11.3107	0.95	1	1	4.276849

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelINonCompStrgth-Flx - Approach, Span 12-1									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Type 3_str	BOBJ1	203.5267	Before	Interior Girder 6	11.3107	0.95	1	1	4.527219
Type 3_str	BOBJ1	203.5267	Before	Right Exterior Girder	11.3107	0.95	1	1	4.238108
Type 3_str	BOBJ1	203.5267	After	Left Exterior Girder	11.3107	0.95	1	1	6.822234
Type 3_str	BOBJ1	203.5267	After	Interior Girder 1	11.3107	0.95	1	1	7.17233
Type 3_str	BOBJ1	203.5267	After	Interior Girder 2	11.3107	0.95	1	1	6.846767
Type 3_str	BOBJ1	203.5267	After	Interior Girder 3	11.3107	0.95	1	1	6.900241
Type 3_str	BOBJ1	203.5267	After	Interior Girder 4	11.3107	0.95	1	1	6.900241
Type 3_str	BOBJ1	203.5267	After	Interior Girder 5	11.3107	0.95	1	1	6.846767
Type 3_str	BOBJ1	203.5267	After	Interior Girder 6	11.3107	0.95	1	1	7.17233
Type 3_str	BOBJ1	203.5267	After	Right Exterior Girder	11.3107	0.95	1	1	6.822234
Type 3_str	BOBJ1	209.1433	Before	Left Exterior Girder	17.0833	0.95	1	1	7.068122
Type 3_str	BOBJ1	209.1433	Before	Interior Girder 1	17.0833	0.95	1	1	4.850721
Type 3_str	BOBJ1	209.1433	Before	Interior Girder 2	17.0833	0.95	1	1	4.504903
Type 3_str	BOBJ1	209.1433	Before	Interior Girder 3	17.0833	0.95	1	1	4.379429
Type 3_str	BOBJ1	209.1433	Before	Interior Girder 4	17.0833	0.95	1	1	4.379429
Type 3_str	BOBJ1	209.1433	Before	Interior Girder 5	17.0833	0.95	1	1	4.504903
Type 3_str	BOBJ1	209.1433	Before	Interior Girder 6	17.0833	0.95	1	1	4.850721
Type 3_str	BOBJ1	209.1433	Before	Right Exterior Girder	17.0833	0.95	1	1	7.068122
Type 3_str	BOBJ1	209.1433	After	Left Exterior Girder	17.0833	0.95	1	1	7.024469
Type 3_str	BOBJ1	209.1433	After	Interior Girder 1	17.0833	0.95	1	1	4.863608
Type 3_str	BOBJ1	209.1433	After	Interior Girder 2	17.0833	0.95	1	1	4.549521
Type 3_str	BOBJ1	209.1433	After	Interior Girder 3	17.0833	0.95	1	1	4.445317
Type 3_str	BOBJ1	209.1433	After	Interior Girder 4	17.0833	0.95	1	1	4.445317
Type 3_str	BOBJ1	209.1433	After	Interior Girder 5	17.0833	0.95	1	1	4.549521
Type 3_str	BOBJ1	209.1433	After	Interior Girder 6	17.0833	0.95	1	1	4.863608
Type 3_str	BOBJ1	209.1433	After	Right Exterior Girder	17.0833	0.95	1	1	7.024469
Type 3_str	BOBJ1	214.76	Before	Left Exterior Girder	22.7	0.95	1	1	4.851262
Type 3_str	BOBJ1	214.76	Before	Interior Girder 1	22.7	0.95	1	1	3.83981
Type 3_str	BOBJ1	214.76	Before	Interior Girder 2	22.7	0.95	1	1	3.588078
Type 3_str	BOBJ1	214.76	Before	Interior Girder 3	22.7	0.95	1	1	3.501124
Type 3_str	BOBJ1	214.76	Before	Interior Girder 4	22.7	0.95	1	1	3.501124
Type 3_str	BOBJ1	214.76	Before	Interior Girder 5	22.7	0.95	1	1	3.588078
Type 3_str	BOBJ1	214.76	Before	Interior Girder 6	22.7	0.95	1	1	3.83981
Type 3_str	BOBJ1	214.76	Before	Right Exterior Girder	22.7	0.95	1	1	4.851262
Type 3_str	BOBJ1	214.76	After	Left Exterior Girder	22.7	0.95	1	1	4.892386
Type 3_str	BOBJ1	214.76	After	Interior Girder 1	22.7	0.95	1	1	3.818845
Type 3_str	BOBJ1	214.76	After	Interior Girder 2	22.7	0.95	1	1	3.593765
Type 3_str	BOBJ1	214.76	After	Interior Girder 3	22.7	0.95	1	1	3.517862
Type 3_str	BOBJ1	214.76	After	Interior Girder 4	22.7	0.95	1	1	3.517862
Type 3_str	BOBJ1	214.76	After	Interior Girder 5	22.7	0.95	1	1	3.593765
Type 3_str	BOBJ1	214.76	After	Interior Girder 6	22.7	0.95	1	1	3.818845
Type 3_str	BOBJ1	214.76	After	Right Exterior Girder	22.7	0.95	1	1	4.892386
Type 3_str	BOBJ1	220.3767	Before	Left Exterior Girder	28.3167	0.95	1	1	4.268147
Type 3_str	BOBJ1	220.3767	Before	Interior Girder 1	28.3167	0.95	1	1	3.227907
Type 3_str	BOBJ1	220.3767	Before	Interior Girder 2	28.3167	0.95	1	1	3.063508
Type 3_str	BOBJ1	220.3767	Before	Interior Girder 3	28.3167	0.95	1	1	2.965824
Type 3_str	BOBJ1	220.3767	Before	Interior Girder 4	28.3167	0.95	1	1	2.965824
Type 3_str	BOBJ1	220.3767	Before	Interior Girder 5	28.3167	0.95	1	1	3.063508
Type 3_str	BOBJ1	220.3767	Before	Interior Girder 6	28.3167	0.95	1	1	3.227907
Type 3_str	BOBJ1	220.3767	Before	Right Exterior Girder	28.3167	0.95	1	1	4.268147
Type 3_str	BOBJ1	220.3767	After	Left Exterior Girder	28.3167	0.95	1	1	4.302748
Type 3_str	BOBJ1	220.3767	After	Interior Girder 1	28.3167	0.95	1	1	3.213457
Type 3_str	BOBJ1	220.3767	After	Interior Girder 2	28.3167	0.95	1	1	3.056623
Type 3_str	BOBJ1	220.3767	After	Interior Girder 3	28.3167	0.95	1	1	2.969514
Type 3_str	BOBJ1	220.3767	After	Interior Girder 4	28.3167	0.95	1	1	2.969514
Type 3_str	BOBJ1	220.3767	After	Interior Girder 5	28.3167	0.95	1	1	3.056623
Type 3_str	BOBJ1	220.3767	After	Interior Girder 6	28.3167	0.95	1	1	3.213457
Type 3_str	BOBJ1	220.3767	After	Right Exterior Girder	28.3167	0.95	1	1	4.302748
Type 3_str	BOBJ1	225.9933	Before	Left Exterior Girder	33.9333	0.95	1	1	4.101885
Type 3_str	BOBJ1	225.9933	Before	Interior Girder 1	33.9333	0.95	1	1	3.078467
Type 3_str	BOBJ1	225.9933	Before	Interior Girder 2	33.9333	0.95	1	1	2.934164
Type 3_str	BOBJ1	225.9933	Before	Interior Girder 3	33.9333	0.95	1	1	2.84982
Type 3_str	BOBJ1	225.9933	Before	Interior Girder 4	33.9333	0.95	1	1	2.84982
Type 3_str	BOBJ1	225.9933	Before	Interior Girder 5	33.9333	0.95	1	1	2.934164
Type 3_str	BOBJ1	225.9933	Before	Interior Girder 6	33.9333	0.95	1	1	3.078467

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelINonCompStrgth-Flx - Approach, Span 12-1									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Type 3_str	BOBJ1	225.9933	Before	Right Exterior Girder	33.9333	0.95	1	1	4.101885
Type 3_str	BOBJ1	225.9933	After	Left Exterior Girder	33.9333	0.95	1	1	4.077751
Type 3_str	BOBJ1	225.9933	After	Interior Girder 1	33.9333	0.95	1	1	3.093297
Type 3_str	BOBJ1	225.9933	After	Interior Girder 2	33.9333	0.95	1	1	2.937884
Type 3_str	BOBJ1	225.9933	After	Interior Girder 3	33.9333	0.95	1	1	2.84514
Type 3_str	BOBJ1	225.9933	After	Interior Girder 4	33.9333	0.95	1	1	2.84514
Type 3_str	BOBJ1	225.9933	After	Interior Girder 5	33.9333	0.95	1	1	2.937884
Type 3_str	BOBJ1	225.9933	After	Interior Girder 6	33.9333	0.95	1	1	3.093297
Type 3_str	BOBJ1	225.9933	After	Right Exterior Girder	33.9333	0.95	1	1	4.077751
Type 3_str	BOBJ1	231.61	Before	Left Exterior Girder	39.55	0.95	1	1	4.366659
Type 3_str	BOBJ1	231.61	Before	Interior Girder 1	39.55	0.95	1	1	3.43267
Type 3_str	BOBJ1	231.61	Before	Interior Girder 2	39.55	0.95	1	1	3.241861
Type 3_str	BOBJ1	231.61	Before	Interior Girder 3	39.55	0.95	1	1	3.13294
Type 3_str	BOBJ1	231.61	Before	Interior Girder 4	39.55	0.95	1	1	3.13294
Type 3_str	BOBJ1	231.61	Before	Interior Girder 5	39.55	0.95	1	1	3.241861
Type 3_str	BOBJ1	231.61	Before	Interior Girder 6	39.55	0.95	1	1	3.43267
Type 3_str	BOBJ1	231.61	Before	Right Exterior Girder	39.55	0.95	1	1	4.366659
Type 3_str	BOBJ1	231.61	After	Left Exterior Girder	39.55	0.95	1	1	4.354524
Type 3_str	BOBJ1	231.61	After	Interior Girder 1	39.55	0.95	1	1	3.442063
Type 3_str	BOBJ1	231.61	After	Interior Girder 2	39.55	0.95	1	1	3.223269
Type 3_str	BOBJ1	231.61	After	Interior Girder 3	39.55	0.95	1	1	3.101258
Type 3_str	BOBJ1	231.61	After	Interior Girder 4	39.55	0.95	1	1	3.101258
Type 3_str	BOBJ1	231.61	After	Interior Girder 5	39.55	0.95	1	1	3.223269
Type 3_str	BOBJ1	231.61	After	Interior Girder 6	39.55	0.95	1	1	3.442063
Type 3_str	BOBJ1	231.61	After	Right Exterior Girder	39.55	0.95	1	1	4.354524
Type 3_str	BOBJ1	237.37	Before	Left Exterior Girder	45.31	0.95	1	1	5.918558
Type 3_str	BOBJ1	237.37	Before	Interior Girder 1	45.31	0.95	1	1	4.124093
Type 3_str	BOBJ1	237.37	Before	Interior Girder 2	45.31	0.95	1	1	3.912306
Type 3_str	BOBJ1	237.37	Before	Interior Girder 3	45.31	0.95	1	1	3.704978
Type 3_str	BOBJ1	237.37	Before	Interior Girder 4	45.31	0.95	1	1	3.704978
Type 3_str	BOBJ1	237.37	Before	Interior Girder 5	45.31	0.95	1	1	3.912306
Type 3_str	BOBJ1	237.37	Before	Interior Girder 6	45.31	0.95	1	1	4.124093
Type 3_str	BOBJ1	237.37	Before	Right Exterior Girder	45.31	0.95	1	1	5.918558
Type 3_str	BOBJ1	237.37	After	Left Exterior Girder	45.31	0.95	1	1	5.925141
Type 3_str	BOBJ1	237.37	After	Interior Girder 1	45.31	0.95	1	1	4.105372
Type 3_str	BOBJ1	237.37	After	Interior Girder 2	45.31	0.95	1	1	3.837953
Type 3_str	BOBJ1	237.37	After	Interior Girder 3	45.31	0.95	1	1	3.574882
Type 3_str	BOBJ1	237.37	After	Interior Girder 4	45.31	0.95	1	1	3.574882
Type 3_str	BOBJ1	237.37	After	Interior Girder 5	45.31	0.95	1	1	3.837953
Type 3_str	BOBJ1	237.37	After	Interior Girder 6	45.31	0.95	1	1	4.105372
Type 3_str	BOBJ1	237.37	After	Right Exterior Girder	45.31	0.95	1	1	5.925141
Type 3_str	BOBJ1	243.13	Before	Left Exterior Girder	51.07	0.95	1	1	11.562076
Type 3_str	BOBJ1	243.13	Before	Interior Girder 1	51.07	0.95	1	1	6.832267
Type 3_str	BOBJ1	243.13	Before	Interior Girder 2	51.07	0.95	1	1	6.45765
Type 3_str	BOBJ1	243.13	Before	Interior Girder 3	51.07	0.95	1	1	5.693227
Type 3_str	BOBJ1	243.13	Before	Interior Girder 4	51.07	0.95	1	1	5.693227
Type 3_str	BOBJ1	243.13	Before	Interior Girder 5	51.07	0.95	1	1	6.45765
Type 3_str	BOBJ1	243.13	Before	Interior Girder 6	51.07	0.95	1	1	6.832267
Type 3_str	BOBJ1	243.13	Before	Right Exterior Girder	51.07	0.95	1	1	11.562076
Type 3_str	BOBJ1	243.13	After	Left Exterior Girder	51.07	0.95	1	1	11.505787
Type 3_str	BOBJ1	243.13	After	Interior Girder 1	51.07	0.95	1	1	6.757208
Type 3_str	BOBJ1	243.13	After	Interior Girder 2	51.07	0.95	1	1	6.311616
Type 3_str	BOBJ1	243.13	After	Interior Girder 3	51.07	0.95	1	1	5.422558
Type 3_str	BOBJ1	243.13	After	Interior Girder 4	51.07	0.95	1	1	5.422558
Type 3_str	BOBJ1	243.13	After	Interior Girder 5	51.07	0.95	1	1	6.311616
Type 3_str	BOBJ1	243.13	After	Interior Girder 6	51.07	0.95	1	1	6.757208
Type 3_str	BOBJ1	243.13	After	Right Exterior Girder	51.07	0.95	1	1	11.505787
Type 3_str	BOBJ1	248.89	Before	Left Exterior Girder	56.83	0.95	1	1	566.937978
Type 3_str	BOBJ1	248.89	Before	Interior Girder 1	56.83	0.95	1	1	496.058186
Type 3_str	BOBJ1	248.89	Before	Interior Girder 2	56.83	0.95	1	1	309.966843
Type 3_str	BOBJ1	248.89	Before	Interior Girder 3	56.83	0.95	1	1	242.013011
Type 3_str	BOBJ1	248.89	Before	Interior Girder 4	56.83	0.95	1	1	242.013011
Type 3_str	BOBJ1	248.89	Before	Interior Girder 5	56.83	0.95	1	1	309.966843
Type 3_str	BOBJ1	248.89	Before	Interior Girder 6	56.83	0.95	1	1	496.058185
Type 3_str	BOBJ1	248.89	Before	Right Exterior Girder	56.83	0.95	1	1	566.937978

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelINonCompStrgth-Flx - Approach, Span 12-1									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Type 3S2_str	BOBJ1	0	After	Left Exterior Girder	0	0.95	1	1	343.776074
Type 3S2_str	BOBJ1	0	After	Interior Girder 1	0	0.95	1	1	324.168922
Type 3S2_str	BOBJ1	0	After	Interior Girder 2	0	0.95	1	1	232.878388
Type 3S2_str	BOBJ1	0	After	Interior Girder 3	0	0.95	1	1	188.955743
Type 3S2_str	BOBJ1	0	After	Interior Girder 4	0	0.95	1	1	188.955743
Type 3S2_str	BOBJ1	0	After	Interior Girder 5	0	0.95	1	1	232.878387
Type 3S2_str	BOBJ1	0	After	Interior Girder 6	0	0.95	1	1	324.168922
Type 3S2_str	BOBJ1	0	After	Right Exterior Girder	0	0.95	1	1	343.776074
Type 3S2_str	BOBJ1	5.85	Before	Left Exterior Girder	5.85	0.95	1	1	7.80185
Type 3S2_str	BOBJ1	5.85	Before	Interior Girder 1	5.85	0.95	1	1	5.766428
Type 3S2_str	BOBJ1	5.85	Before	Interior Girder 2	5.85	0.95	1	1	5.324992
Type 3S2_str	BOBJ1	5.85	Before	Interior Girder 3	5.85	0.95	1	1	4.754195
Type 3S2_str	BOBJ1	5.85	Before	Interior Girder 4	5.85	0.95	1	1	4.754195
Type 3S2_str	BOBJ1	5.85	Before	Interior Girder 5	5.85	0.95	1	1	5.324992
Type 3S2_str	BOBJ1	5.85	Before	Interior Girder 6	5.85	0.95	1	1	5.766428
Type 3S2_str	BOBJ1	5.85	Before	Right Exterior Girder	5.85	0.95	1	1	7.80185
Type 3S2_str	BOBJ1	5.85	After	Left Exterior Girder	5.85	0.95	1	1	7.911494
Type 3S2_str	BOBJ1	5.85	After	Interior Girder 1	5.85	0.95	1	1	5.736642
Type 3S2_str	BOBJ1	5.85	After	Interior Girder 2	5.85	0.95	1	1	5.411225
Type 3S2_str	BOBJ1	5.85	After	Interior Girder 3	5.85	0.95	1	1	4.951524
Type 3S2_str	BOBJ1	5.85	After	Interior Girder 4	5.85	0.95	1	1	4.951524
Type 3S2_str	BOBJ1	5.85	After	Interior Girder 5	5.85	0.95	1	1	5.411225
Type 3S2_str	BOBJ1	5.85	After	Interior Girder 6	5.85	0.95	1	1	5.736642
Type 3S2_str	BOBJ1	5.85	After	Right Exterior Girder	5.85	0.95	1	1	7.911494
Type 3S2_str	BOBJ1	11.4667	Before	Left Exterior Girder	11.4667	0.95	1	1	4.545167
Type 3S2_str	BOBJ1	11.4667	Before	Interior Girder 1	11.4667	0.95	1	1	3.350776
Type 3S2_str	BOBJ1	11.4667	Before	Interior Girder 2	11.4667	0.95	1	1	3.154794
Type 3S2_str	BOBJ1	11.4667	Before	Interior Girder 3	11.4667	0.95	1	1	2.943815
Type 3S2_str	BOBJ1	11.4667	Before	Interior Girder 4	11.4667	0.95	1	1	2.943815
Type 3S2_str	BOBJ1	11.4667	Before	Interior Girder 5	11.4667	0.95	1	1	3.154794
Type 3S2_str	BOBJ1	11.4667	Before	Interior Girder 6	11.4667	0.95	1	1	3.350776
Type 3S2_str	BOBJ1	11.4667	Before	Right Exterior Girder	11.4667	0.95	1	1	4.545167
Type 3S2_str	BOBJ1	11.4667	After	Left Exterior Girder	11.4667	0.95	1	1	4.610011
Type 3S2_str	BOBJ1	11.4667	After	Interior Girder 1	11.4667	0.95	1	1	3.318712
Type 3S2_str	BOBJ1	11.4667	After	Interior Girder 2	11.4667	0.95	1	1	3.187079
Type 3S2_str	BOBJ1	11.4667	After	Interior Girder 3	11.4667	0.95	1	1	2.997579
Type 3S2_str	BOBJ1	11.4667	After	Interior Girder 4	11.4667	0.95	1	1	2.997579
Type 3S2_str	BOBJ1	11.4667	After	Interior Girder 5	11.4667	0.95	1	1	3.187079
Type 3S2_str	BOBJ1	11.4667	After	Interior Girder 6	11.4667	0.95	1	1	3.318712
Type 3S2_str	BOBJ1	11.4667	After	Right Exterior Girder	11.4667	0.95	1	1	4.610011
Type 3S2_str	BOBJ1	17.0833	Before	Left Exterior Girder	17.0833	0.95	1	1	3.320073
Type 3S2_str	BOBJ1	17.0833	Before	Interior Girder 1	17.0833	0.95	1	1	2.590782
Type 3S2_str	BOBJ1	17.0833	Before	Interior Girder 2	17.0833	0.95	1	1	2.46667
Type 3S2_str	BOBJ1	17.0833	Before	Interior Girder 3	17.0833	0.95	1	1	2.364036
Type 3S2_str	BOBJ1	17.0833	Before	Interior Girder 4	17.0833	0.95	1	1	2.364036
Type 3S2_str	BOBJ1	17.0833	Before	Interior Girder 5	17.0833	0.95	1	1	2.46667
Type 3S2_str	BOBJ1	17.0833	Before	Interior Girder 6	17.0833	0.95	1	1	2.590782
Type 3S2_str	BOBJ1	17.0833	Before	Right Exterior Girder	17.0833	0.95	1	1	3.320073
Type 3S2_str	BOBJ1	17.0833	After	Left Exterior Girder	17.0833	0.95	1	1	3.32698
Type 3S2_str	BOBJ1	17.0833	After	Interior Girder 1	17.0833	0.95	1	1	2.590824
Type 3S2_str	BOBJ1	17.0833	After	Interior Girder 2	17.0833	0.95	1	1	2.492129
Type 3S2_str	BOBJ1	17.0833	After	Interior Girder 3	17.0833	0.95	1	1	2.395133
Type 3S2_str	BOBJ1	17.0833	After	Interior Girder 4	17.0833	0.95	1	1	2.395133
Type 3S2_str	BOBJ1	17.0833	After	Interior Girder 5	17.0833	0.95	1	1	2.492129
Type 3S2_str	BOBJ1	17.0833	After	Interior Girder 6	17.0833	0.95	1	1	2.590824
Type 3S2_str	BOBJ1	17.0833	After	Right Exterior Girder	17.0833	0.95	1	1	3.32698
Type 3S2_str	BOBJ1	22.7	Before	Left Exterior Girder	22.7	0.95	1	1	2.937017
Type 3S2_str	BOBJ1	22.7	Before	Interior Girder 1	22.7	0.95	1	1	2.532024
Type 3S2_str	BOBJ1	22.7	Before	Interior Girder 2	22.7	0.95	1	1	2.415092
Type 3S2_str	BOBJ1	22.7	Before	Interior Girder 3	22.7	0.95	1	1	2.35159
Type 3S2_str	BOBJ1	22.7	Before	Interior Girder 4	22.7	0.95	1	1	2.35159
Type 3S2_str	BOBJ1	22.7	Before	Interior Girder 5	22.7	0.95	1	1	2.415092
Type 3S2_str	BOBJ1	22.7	Before	Interior Girder 6	22.7	0.95	1	1	2.532024
Type 3S2_str	BOBJ1	22.7	Before	Right Exterior Girder	22.7	0.95	1	1	2.937017
Type 3S2_str	BOBJ1	22.7	After	Left Exterior Girder	22.7	0.95	1	1	2.955043

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelINonCompStrgth-Flx - Approach, Span 12-1									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Type 3S2_str	BOBJ1	22.7	After	Interior Girder 1	22.7	0.95	1	1	2.519943
Type 3S2_str	BOBJ1	22.7	After	Interior Girder 2	22.7	0.95	1	1	2.414857
Type 3S2_str	BOBJ1	22.7	After	Interior Girder 3	22.7	0.95	1	1	2.345768
Type 3S2_str	BOBJ1	22.7	After	Interior Girder 4	22.7	0.95	1	1	2.345768
Type 3S2_str	BOBJ1	22.7	After	Interior Girder 5	22.7	0.95	1	1	2.414857
Type 3S2_str	BOBJ1	22.7	After	Interior Girder 6	22.7	0.95	1	1	2.519943
Type 3S2_str	BOBJ1	22.7	After	Right Exterior Girder	22.7	0.95	1	1	2.955043
Type 3S2_str	BOBJ1	28.3167	Before	Left Exterior Girder	28.3167	0.95	1	1	3.325439
Type 3S2_str	BOBJ1	28.3167	Before	Interior Girder 1	28.3167	0.95	1	1	2.643425
Type 3S2_str	BOBJ1	28.3167	Before	Interior Girder 2	28.3167	0.95	1	1	2.530078
Type 3S2_str	BOBJ1	28.3167	Before	Interior Girder 3	28.3167	0.95	1	1	2.433919
Type 3S2_str	BOBJ1	28.3167	Before	Interior Girder 4	28.3167	0.95	1	1	2.433919
Type 3S2_str	BOBJ1	28.3167	Before	Interior Girder 5	28.3167	0.95	1	1	2.530078
Type 3S2_str	BOBJ1	28.3167	Before	Interior Girder 6	28.3167	0.95	1	1	2.643425
Type 3S2_str	BOBJ1	28.3167	Before	Right Exterior Girder	28.3167	0.95	1	1	3.325439
Type 3S2_str	BOBJ1	28.3167	After	Left Exterior Girder	28.3167	0.95	1	1	3.332562
Type 3S2_str	BOBJ1	28.3167	After	Interior Girder 1	28.3167	0.95	1	1	2.64359
Type 3S2_str	BOBJ1	28.3167	After	Interior Girder 2	28.3167	0.95	1	1	2.530276
Type 3S2_str	BOBJ1	28.3167	After	Interior Girder 3	28.3167	0.95	1	1	2.432799
Type 3S2_str	BOBJ1	28.3167	After	Interior Girder 4	28.3167	0.95	1	1	2.432799
Type 3S2_str	BOBJ1	28.3167	After	Interior Girder 5	28.3167	0.95	1	1	2.530276
Type 3S2_str	BOBJ1	28.3167	After	Interior Girder 6	28.3167	0.95	1	1	2.64359
Type 3S2_str	BOBJ1	28.3167	After	Right Exterior Girder	28.3167	0.95	1	1	3.332562
Type 3S2_str	BOBJ1	33.9333	Before	Left Exterior Girder	33.9333	0.95	1	1	3.945018
Type 3S2_str	BOBJ1	33.9333	Before	Interior Girder 1	33.9333	0.95	1	1	3.004075
Type 3S2_str	BOBJ1	33.9333	Before	Interior Girder 2	33.9333	0.95	1	1	2.850043
Type 3S2_str	BOBJ1	33.9333	Before	Interior Girder 3	33.9333	0.95	1	1	2.775507
Type 3S2_str	BOBJ1	33.9333	Before	Interior Girder 4	33.9333	0.95	1	1	2.775507
Type 3S2_str	BOBJ1	33.9333	Before	Interior Girder 5	33.9333	0.95	1	1	2.850043
Type 3S2_str	BOBJ1	33.9333	Before	Interior Girder 6	33.9333	0.95	1	1	3.004075
Type 3S2_str	BOBJ1	33.9333	Before	Right Exterior Girder	33.9333	0.95	1	1	3.945018
Type 3S2_str	BOBJ1	33.9333	After	Left Exterior Girder	33.9333	0.95	1	1	3.886201
Type 3S2_str	BOBJ1	33.9333	After	Interior Girder 1	33.9333	0.95	1	1	3.029438
Type 3S2_str	BOBJ1	33.9333	After	Interior Girder 2	33.9333	0.95	1	1	2.856225
Type 3S2_str	BOBJ1	33.9333	After	Interior Girder 3	33.9333	0.95	1	1	2.757939
Type 3S2_str	BOBJ1	33.9333	After	Interior Girder 4	33.9333	0.95	1	1	2.757939
Type 3S2_str	BOBJ1	33.9333	After	Interior Girder 5	33.9333	0.95	1	1	2.856225
Type 3S2_str	BOBJ1	33.9333	After	Interior Girder 6	33.9333	0.95	1	1	3.029438
Type 3S2_str	BOBJ1	33.9333	After	Right Exterior Girder	33.9333	0.95	1	1	3.886201
Type 3S2_str	BOBJ1	39.55	Before	Left Exterior Girder	39.55	0.95	1	1	5.461657
Type 3S2_str	BOBJ1	39.55	Before	Interior Girder 1	39.55	0.95	1	1	4.269898
Type 3S2_str	BOBJ1	39.55	Before	Interior Girder 2	39.55	0.95	1	1	3.936043
Type 3S2_str	BOBJ1	39.55	Before	Interior Girder 3	39.55	0.95	1	1	3.86043
Type 3S2_str	BOBJ1	39.55	Before	Interior Girder 4	39.55	0.95	1	1	3.86043
Type 3S2_str	BOBJ1	39.55	Before	Interior Girder 5	39.55	0.95	1	1	3.936043
Type 3S2_str	BOBJ1	39.55	Before	Interior Girder 6	39.55	0.95	1	1	4.269898
Type 3S2_str	BOBJ1	39.55	Before	Right Exterior Girder	39.55	0.95	1	1	5.461657
Type 3S2_str	BOBJ1	39.55	After	Left Exterior Girder	39.55	0.95	1	1	5.417012
Type 3S2_str	BOBJ1	39.55	After	Interior Girder 1	39.55	0.95	1	1	4.292617
Type 3S2_str	BOBJ1	39.55	After	Interior Girder 2	39.55	0.95	1	1	3.908837
Type 3S2_str	BOBJ1	39.55	After	Interior Girder 3	39.55	0.95	1	1	3.784015
Type 3S2_str	BOBJ1	39.55	After	Interior Girder 4	39.55	0.95	1	1	3.784015
Type 3S2_str	BOBJ1	39.55	After	Interior Girder 5	39.55	0.95	1	1	3.908837
Type 3S2_str	BOBJ1	39.55	After	Interior Girder 6	39.55	0.95	1	1	4.292617
Type 3S2_str	BOBJ1	39.55	After	Right Exterior Girder	39.55	0.95	1	1	5.417012
Type 3S2_str	BOBJ1	45.1733	Before	Left Exterior Girder	45.1226	0.95	1	1	4.861572
Type 3S2_str	BOBJ1	45.1733	Before	Interior Girder 1	45.1226	0.95	1	1	5.023126
Type 3S2_str	BOBJ1	45.1733	Before	Interior Girder 2	45.1226	0.95	1	1	4.834004
Type 3S2_str	BOBJ1	45.1733	Before	Interior Girder 3	45.1226	0.95	1	1	4.912169
Type 3S2_str	BOBJ1	45.1733	Before	Interior Girder 4	45.1226	0.95	1	1	4.912169
Type 3S2_str	BOBJ1	45.1733	Before	Interior Girder 5	45.1226	0.95	1	1	4.834004
Type 3S2_str	BOBJ1	45.1733	Before	Interior Girder 6	45.1226	0.95	1	1	5.023126
Type 3S2_str	BOBJ1	45.1733	Before	Right Exterior Girder	45.1226	0.95	1	1	4.861572
Type 3S2_str	BOBJ1	45.1733	After	Left Exterior Girder	45.1226	0.95	1	1	3.89324
Type 3S2_str	BOBJ1	45.1733	After	Interior Girder 1	45.1226	0.95	1	1	4.004348

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelINonCompStrgth-Flx - Approach, Span 12-1									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Type 3S2_str	BOBJ1	45.1733	After	Interior Girder 2	45.1226	0.95	1	1	3.840905
Type 3S2_str	BOBJ1	45.1733	After	Interior Girder 3	45.1226	0.95	1	1	3.927409
Type 3S2_str	BOBJ1	45.1733	After	Interior Girder 4	45.1226	0.95	1	1	3.927409
Type 3S2_str	BOBJ1	45.1733	After	Interior Girder 5	45.1226	0.95	1	1	3.840905
Type 3S2_str	BOBJ1	45.1733	After	Interior Girder 6	45.1226	0.95	1	1	4.004348
Type 3S2_str	BOBJ1	45.1733	After	Right Exterior Girder	45.1226	0.95	1	1	3.89324
Type 3S2_str	BOBJ1	49.2561	Before	Left Exterior Girder	49.2561	0.95	1	1	2.74949
Type 3S2_str	BOBJ1	49.2561	Before	Right Exterior Girder	49.2561	0.95	1	1	2.74949
Type 3S2_str	BOBJ1	49.2561	After	Left Exterior Girder	49.2561	0.95	1	1	2.796308
Type 3S2_str	BOBJ1	49.2561	After	Right Exterior Girder	49.2561	0.95	1	1	2.796308
Type 3S2_str	BOBJ1	50.7967	Before	Left Exterior Girder	50.7967	0.95	1	1	5.858053
Type 3S2_str	BOBJ1	50.7967	Before	Interior Girder 1	50.7967	0.95	1	1	2.830431
Type 3S2_str	BOBJ1	50.7967	Before	Interior Girder 2	50.7967	0.95	1	1	2.720376
Type 3S2_str	BOBJ1	50.7967	Before	Interior Girder 3	50.7967	0.95	1	1	2.583415
Type 3S2_str	BOBJ1	50.7967	Before	Interior Girder 4	50.7967	0.95	1	1	2.583415
Type 3S2_str	BOBJ1	50.7967	Before	Interior Girder 5	50.7967	0.95	1	1	2.720376
Type 3S2_str	BOBJ1	50.7967	Before	Interior Girder 6	50.7967	0.95	1	1	2.830431
Type 3S2_str	BOBJ1	50.7967	Before	Right Exterior Girder	50.7967	0.95	1	1	5.858053
Type 3S2_str	BOBJ1	50.7967	After	Left Exterior Girder	50.7967	0.95	1	1	5.823163
Type 3S2_str	BOBJ1	50.7967	After	Interior Girder 1	50.7967	0.95	1	1	2.821335
Type 3S2_str	BOBJ1	50.7967	After	Interior Girder 2	50.7967	0.95	1	1	2.701293
Type 3S2_str	BOBJ1	50.7967	After	Interior Girder 3	50.7967	0.95	1	1	2.576027
Type 3S2_str	BOBJ1	50.7967	After	Interior Girder 4	50.7967	0.95	1	1	2.576027
Type 3S2_str	BOBJ1	50.7967	After	Interior Girder 5	50.7967	0.95	1	1	2.701293
Type 3S2_str	BOBJ1	50.7967	After	Interior Girder 6	50.7967	0.95	1	1	2.821335
Type 3S2_str	BOBJ1	50.7967	After	Right Exterior Girder	50.7967	0.95	1	1	5.823163
Type 3S2_str	BOBJ1	51.3989	Before	Interior Girder 1	51.3989	0.95	1	1	2.685371
Type 3S2_str	BOBJ1	51.3989	Before	Interior Girder 2	51.3989	0.95	1	1	2.592241
Type 3S2_str	BOBJ1	51.3989	Before	Interior Girder 3	51.3989	0.95	1	1	2.446236
Type 3S2_str	BOBJ1	51.3989	Before	Interior Girder 4	51.3989	0.95	1	1	2.446236
Type 3S2_str	BOBJ1	51.3989	Before	Interior Girder 5	51.3989	0.95	1	1	2.592241
Type 3S2_str	BOBJ1	51.3989	Before	Interior Girder 6	51.3989	0.95	1	1	2.685371
Type 3S2_str	BOBJ1	51.3989	After	Interior Girder 1	51.3989	0.95	1	1	4.097206
Type 3S2_str	BOBJ1	51.3989	After	Interior Girder 2	51.3989	0.95	1	1	3.9182
Type 3S2_str	BOBJ1	51.3989	After	Interior Girder 3	51.3989	0.95	1	1	3.748222
Type 3S2_str	BOBJ1	51.3989	After	Interior Girder 4	51.3989	0.95	1	1	3.748222
Type 3S2_str	BOBJ1	51.3989	After	Interior Girder 5	51.3989	0.95	1	1	3.9182
Type 3S2_str	BOBJ1	51.3989	After	Interior Girder 6	51.3989	0.95	1	1	4.097206
Type 3S2_str	BOBJ1	56.42	Before	Left Exterior Girder	56.42	0.95	1	1	4.058467
Type 3S2_str	BOBJ1	56.42	Before	Interior Girder 1	56.42	0.95	1	1	2.636247
Type 3S2_str	BOBJ1	56.42	Before	Interior Girder 2	56.42	0.95	1	1	2.487273
Type 3S2_str	BOBJ1	56.42	Before	Interior Girder 3	56.42	0.95	1	1	2.023009
Type 3S2_str	BOBJ1	56.42	Before	Interior Girder 4	56.42	0.95	1	1	2.023009
Type 3S2_str	BOBJ1	56.42	Before	Interior Girder 5	56.42	0.95	1	1	2.487273
Type 3S2_str	BOBJ1	56.42	Before	Interior Girder 6	56.42	0.95	1	1	2.636247
Type 3S2_str	BOBJ1	56.42	Before	Right Exterior Girder	56.42	0.95	1	1	4.058467
Type 3S2_str	BOBJ1	56.42	After	Left Exterior Girder	0	0.95	1	1	4.236256
Type 3S2_str	BOBJ1	56.42	After	Interior Girder 1	0	0.95	1	1	2.579397
Type 3S2_str	BOBJ1	56.42	After	Interior Girder 2	0	0.95	1	1	2.498411
Type 3S2_str	BOBJ1	56.42	After	Interior Girder 3	0	0.95	1	1	2.029333
Type 3S2_str	BOBJ1	56.42	After	Interior Girder 4	0	0.95	1	1	2.029333
Type 3S2_str	BOBJ1	56.42	After	Interior Girder 5	0	0.95	1	1	2.498411
Type 3S2_str	BOBJ1	56.42	After	Interior Girder 6	0	0.95	1	1	2.579397
Type 3S2_str	BOBJ1	56.42	After	Right Exterior Girder	0	0.95	1	1	4.236256
Type 3S2_str	BOBJ1	62.0367	Before	Left Exterior Girder	5.6167	0.95	1	1	7.952934
Type 3S2_str	BOBJ1	62.0367	Before	Interior Girder 1	5.6167	0.95	1	1	5.470372
Type 3S2_str	BOBJ1	62.0367	Before	Interior Girder 2	5.6167	0.95	1	1	5.124367
Type 3S2_str	BOBJ1	62.0367	Before	Interior Girder 3	5.6167	0.95	1	1	4.773002
Type 3S2_str	BOBJ1	62.0367	Before	Interior Girder 4	5.6167	0.95	1	1	4.773002
Type 3S2_str	BOBJ1	62.0367	Before	Interior Girder 5	5.6167	0.95	1	1	5.124367
Type 3S2_str	BOBJ1	62.0367	Before	Interior Girder 6	5.6167	0.95	1	1	5.470372
Type 3S2_str	BOBJ1	62.0367	Before	Right Exterior Girder	5.6167	0.95	1	1	7.952934
Type 3S2_str	BOBJ1	62.0367	After	Left Exterior Girder	5.6167	0.95	1	1	7.835735
Type 3S2_str	BOBJ1	62.0367	After	Interior Girder 1	5.6167	0.95	1	1	5.572152
Type 3S2_str	BOBJ1	62.0367	After	Interior Girder 2	5.6167	0.95	1	1	5.205219

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelINonCompStrgth-Flx - Approach, Span 12-1									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Type 3S2_str	BOBJ1	62.0367	After	Interior Girder 3	5.6167	0.95	1	1	4.854097
Type 3S2_str	BOBJ1	62.0367	After	Interior Girder 4	5.6167	0.95	1	1	4.854097
Type 3S2_str	BOBJ1	62.0367	After	Interior Girder 5	5.6167	0.95	1	1	5.205219
Type 3S2_str	BOBJ1	62.0367	After	Interior Girder 6	5.6167	0.95	1	1	5.572152
Type 3S2_str	BOBJ1	62.0367	After	Right Exterior Girder	5.6167	0.95	1	1	7.835735
Type 3S2_str	BOBJ1	62.4203	Before	Interior Girder 1	6.0003	0.95	1	1	5.695411
Type 3S2_str	BOBJ1	62.4203	Before	Interior Girder 2	6.0003	0.95	1	1	5.309104
Type 3S2_str	BOBJ1	62.4203	Before	Interior Girder 3	6.0003	0.95	1	1	4.981041
Type 3S2_str	BOBJ1	62.4203	Before	Interior Girder 4	6.0003	0.95	1	1	4.981041
Type 3S2_str	BOBJ1	62.4203	Before	Interior Girder 5	6.0003	0.95	1	1	5.309104
Type 3S2_str	BOBJ1	62.4203	Before	Interior Girder 6	6.0003	0.95	1	1	5.695411
Type 3S2_str	BOBJ1	62.4203	After	Interior Girder 1	6.0003	0.95	1	1	3.734598
Type 3S2_str	BOBJ1	62.4203	After	Interior Girder 2	6.0003	0.95	1	1	3.538532
Type 3S2_str	BOBJ1	62.4203	After	Interior Girder 3	6.0003	0.95	1	1	3.266152
Type 3S2_str	BOBJ1	62.4203	After	Interior Girder 4	6.0003	0.95	1	1	3.266152
Type 3S2_str	BOBJ1	62.4203	After	Interior Girder 5	6.0003	0.95	1	1	3.538532
Type 3S2_str	BOBJ1	62.4203	After	Interior Girder 6	6.0003	0.95	1	1	3.734598
Type 3S2_str	BOBJ1	64.9204	Before	Left Exterior Girder	8.5004	0.95	1	1	9.085705
Type 3S2_str	BOBJ1	64.9204	Before	Right Exterior Girder	8.5004	0.95	1	1	9.085705
Type 3S2_str	BOBJ1	64.9204	After	Left Exterior Girder	8.5004	0.95	1	1	4.104409
Type 3S2_str	BOBJ1	64.9204	After	Right Exterior Girder	8.5004	0.95	1	1	4.104409
Type 3S2_str	BOBJ1	67.6533	Before	Left Exterior Girder	11.2333	0.95	1	1	5.118084
Type 3S2_str	BOBJ1	67.6533	Before	Interior Girder 1	11.2333	0.95	1	1	5.154484
Type 3S2_str	BOBJ1	67.6533	Before	Interior Girder 2	11.2333	0.95	1	1	4.863798
Type 3S2_str	BOBJ1	67.6533	Before	Interior Girder 3	11.2333	0.95	1	1	4.852372
Type 3S2_str	BOBJ1	67.6533	Before	Interior Girder 4	11.2333	0.95	1	1	4.852372
Type 3S2_str	BOBJ1	67.6533	Before	Interior Girder 5	11.2333	0.95	1	1	4.863798
Type 3S2_str	BOBJ1	67.6533	Before	Interior Girder 6	11.2333	0.95	1	1	5.154484
Type 3S2_str	BOBJ1	67.6533	Before	Right Exterior Girder	11.2333	0.95	1	1	5.118084
Type 3S2_str	BOBJ1	67.6533	After	Left Exterior Girder	11.2333	0.95	1	1	5.057916
Type 3S2_str	BOBJ1	67.6533	After	Interior Girder 1	11.2333	0.95	1	1	5.204273
Type 3S2_str	BOBJ1	67.6533	After	Interior Girder 2	11.2333	0.95	1	1	4.934944
Type 3S2_str	BOBJ1	67.6533	After	Interior Girder 3	11.2333	0.95	1	1	4.898754
Type 3S2_str	BOBJ1	67.6533	After	Interior Girder 4	11.2333	0.95	1	1	4.898754
Type 3S2_str	BOBJ1	67.6533	After	Interior Girder 5	11.2333	0.95	1	1	4.934944
Type 3S2_str	BOBJ1	67.6533	After	Interior Girder 6	11.2333	0.95	1	1	5.204273
Type 3S2_str	BOBJ1	67.6533	After	Right Exterior Girder	11.2333	0.95	1	1	5.057916
Type 3S2_str	BOBJ1	73.27	Before	Left Exterior Girder	16.85	0.95	1	1	5.266106
Type 3S2_str	BOBJ1	73.27	Before	Interior Girder 1	16.85	0.95	1	1	4.232907
Type 3S2_str	BOBJ1	73.27	Before	Interior Girder 2	16.85	0.95	1	1	3.79794
Type 3S2_str	BOBJ1	73.27	Before	Interior Girder 3	16.85	0.95	1	1	3.677552
Type 3S2_str	BOBJ1	73.27	Before	Interior Girder 4	16.85	0.95	1	1	3.677552
Type 3S2_str	BOBJ1	73.27	Before	Interior Girder 5	16.85	0.95	1	1	3.79794
Type 3S2_str	BOBJ1	73.27	Before	Interior Girder 6	16.85	0.95	1	1	4.232907
Type 3S2_str	BOBJ1	73.27	Before	Right Exterior Girder	16.85	0.95	1	1	5.266106
Type 3S2_str	BOBJ1	73.27	After	Left Exterior Girder	16.85	0.95	1	1	5.345776
Type 3S2_str	BOBJ1	73.27	After	Interior Girder 1	16.85	0.95	1	1	4.169533
Type 3S2_str	BOBJ1	73.27	After	Interior Girder 2	16.85	0.95	1	1	3.797806
Type 3S2_str	BOBJ1	73.27	After	Interior Girder 3	16.85	0.95	1	1	3.740659
Type 3S2_str	BOBJ1	73.27	After	Interior Girder 4	16.85	0.95	1	1	3.740659
Type 3S2_str	BOBJ1	73.27	After	Interior Girder 5	16.85	0.95	1	1	3.797806
Type 3S2_str	BOBJ1	73.27	After	Interior Girder 6	16.85	0.95	1	1	4.169533
Type 3S2_str	BOBJ1	73.27	After	Right Exterior Girder	16.85	0.95	1	1	5.345776
Type 3S2_str	BOBJ1	78.8867	Before	Left Exterior Girder	22.4667	0.95	1	1	3.493812
Type 3S2_str	BOBJ1	78.8867	Before	Interior Girder 1	22.4667	0.95	1	1	2.780979
Type 3S2_str	BOBJ1	78.8867	Before	Interior Girder 2	22.4667	0.95	1	1	2.598347
Type 3S2_str	BOBJ1	78.8867	Before	Interior Girder 3	22.4667	0.95	1	1	2.505572
Type 3S2_str	BOBJ1	78.8867	Before	Interior Girder 4	22.4667	0.95	1	1	2.505572
Type 3S2_str	BOBJ1	78.8867	Before	Interior Girder 5	22.4667	0.95	1	1	2.598347
Type 3S2_str	BOBJ1	78.8867	Before	Interior Girder 6	22.4667	0.95	1	1	2.780979
Type 3S2_str	BOBJ1	78.8867	Before	Right Exterior Girder	22.4667	0.95	1	1	3.493812
Type 3S2_str	BOBJ1	78.8867	After	Left Exterior Girder	22.4667	0.95	1	1	3.569709
Type 3S2_str	BOBJ1	78.8867	After	Interior Girder 1	22.4667	0.95	1	1	2.745271
Type 3S2_str	BOBJ1	78.8867	After	Interior Girder 2	22.4667	0.95	1	1	2.594905
Type 3S2_str	BOBJ1	78.8867	After	Interior Girder 3	22.4667	0.95	1	1	2.53088

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelINonCompStrgth-Flx - Approach, Span 12-1									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Type 3S2_str	BOBJ1	78.8867	After	Interior Girder 4	22.4667	0.95	1	1	2.53088
Type 3S2_str	BOBJ1	78.8867	After	Interior Girder 5	22.4667	0.95	1	1	2.594905
Type 3S2_str	BOBJ1	78.8867	After	Interior Girder 6	22.4667	0.95	1	1	2.745271
Type 3S2_str	BOBJ1	78.8867	After	Right Exterior Girder	22.4667	0.95	1	1	3.569709
Type 3S2_str	BOBJ1	84.5033	Before	Left Exterior Girder	28.0833	0.95	1	1	2.745433
Type 3S2_str	BOBJ1	84.5033	Before	Interior Girder 1	28.0833	0.95	1	1	2.300914
Type 3S2_str	BOBJ1	84.5033	Before	Interior Girder 2	28.0833	0.95	1	1	2.190661
Type 3S2_str	BOBJ1	84.5033	Before	Interior Girder 3	28.0833	0.95	1	1	2.131543
Type 3S2_str	BOBJ1	84.5033	Before	Interior Girder 4	28.0833	0.95	1	1	2.131543
Type 3S2_str	BOBJ1	84.5033	Before	Interior Girder 5	28.0833	0.95	1	1	2.190661
Type 3S2_str	BOBJ1	84.5033	Before	Interior Girder 6	28.0833	0.95	1	1	2.300914
Type 3S2_str	BOBJ1	84.5033	Before	Right Exterior Girder	28.0833	0.95	1	1	2.745433
Type 3S2_str	BOBJ1	84.5033	After	Left Exterior Girder	28.0833	0.95	1	1	2.755912
Type 3S2_str	BOBJ1	84.5033	After	Interior Girder 1	28.0833	0.95	1	1	2.298493
Type 3S2_str	BOBJ1	84.5033	After	Interior Girder 2	28.0833	0.95	1	1	2.19709
Type 3S2_str	BOBJ1	84.5033	After	Interior Girder 3	28.0833	0.95	1	1	2.140375
Type 3S2_str	BOBJ1	84.5033	After	Interior Girder 4	28.0833	0.95	1	1	2.140375
Type 3S2_str	BOBJ1	84.5033	After	Interior Girder 5	28.0833	0.95	1	1	2.19709
Type 3S2_str	BOBJ1	84.5033	After	Interior Girder 6	28.0833	0.95	1	1	2.298493
Type 3S2_str	BOBJ1	84.5033	After	Right Exterior Girder	28.0833	0.95	1	1	2.755912
Type 3S2_str	BOBJ1	90.12	Before	Left Exterior Girder	33.7	0.95	1	1	2.481883
Type 3S2_str	BOBJ1	90.12	Before	Interior Girder 1	33.7	0.95	1	1	2.289031
Type 3S2_str	BOBJ1	90.12	Before	Interior Girder 2	33.7	0.95	1	1	2.183617
Type 3S2_str	BOBJ1	90.12	Before	Interior Girder 3	33.7	0.95	1	1	2.13129
Type 3S2_str	BOBJ1	90.12	Before	Interior Girder 4	33.7	0.95	1	1	2.13129
Type 3S2_str	BOBJ1	90.12	Before	Interior Girder 5	33.7	0.95	1	1	2.183617
Type 3S2_str	BOBJ1	90.12	Before	Interior Girder 6	33.7	0.95	1	1	2.289031
Type 3S2_str	BOBJ1	90.12	Before	Right Exterior Girder	33.7	0.95	1	1	2.481883
Type 3S2_str	BOBJ1	90.12	After	Left Exterior Girder	33.7	0.95	1	1	2.492066
Type 3S2_str	BOBJ1	90.12	After	Interior Girder 1	33.7	0.95	1	1	2.283583
Type 3S2_str	BOBJ1	90.12	After	Interior Girder 2	33.7	0.95	1	1	2.179683
Type 3S2_str	BOBJ1	90.12	After	Interior Girder 3	33.7	0.95	1	1	2.126664
Type 3S2_str	BOBJ1	90.12	After	Interior Girder 4	33.7	0.95	1	1	2.126664
Type 3S2_str	BOBJ1	90.12	After	Interior Girder 5	33.7	0.95	1	1	2.179683
Type 3S2_str	BOBJ1	90.12	After	Interior Girder 6	33.7	0.95	1	1	2.283583
Type 3S2_str	BOBJ1	90.12	After	Right Exterior Girder	33.7	0.95	1	1	2.492066
Type 3S2_str	BOBJ1	95.7367	Before	Left Exterior Girder	39.3167	0.95	1	1	2.731507
Type 3S2_str	BOBJ1	95.7367	Before	Interior Girder 1	39.3167	0.95	1	1	2.283374
Type 3S2_str	BOBJ1	95.7367	Before	Interior Girder 2	39.3167	0.95	1	1	2.183483
Type 3S2_str	BOBJ1	95.7367	Before	Interior Girder 3	39.3167	0.95	1	1	2.129091
Type 3S2_str	BOBJ1	95.7367	Before	Interior Girder 4	39.3167	0.95	1	1	2.129091
Type 3S2_str	BOBJ1	95.7367	Before	Interior Girder 5	39.3167	0.95	1	1	2.183483
Type 3S2_str	BOBJ1	95.7367	Before	Interior Girder 6	39.3167	0.95	1	1	2.283374
Type 3S2_str	BOBJ1	95.7367	Before	Right Exterior Girder	39.3167	0.95	1	1	2.731507
Type 3S2_str	BOBJ1	95.7367	After	Left Exterior Girder	39.3167	0.95	1	1	2.723463
Type 3S2_str	BOBJ1	95.7367	After	Interior Girder 1	39.3167	0.95	1	1	2.284417
Type 3S2_str	BOBJ1	95.7367	After	Interior Girder 2	39.3167	0.95	1	1	2.177492
Type 3S2_str	BOBJ1	95.7367	After	Interior Girder 3	39.3167	0.95	1	1	2.121386
Type 3S2_str	BOBJ1	95.7367	After	Interior Girder 4	39.3167	0.95	1	1	2.121386
Type 3S2_str	BOBJ1	95.7367	After	Interior Girder 5	39.3167	0.95	1	1	2.177492
Type 3S2_str	BOBJ1	95.7367	After	Interior Girder 6	39.3167	0.95	1	1	2.284417
Type 3S2_str	BOBJ1	95.7367	After	Right Exterior Girder	39.3167	0.95	1	1	2.723463
Type 3S2_str	BOBJ1	101.3533	Before	Left Exterior Girder	44.9333	0.95	1	1	3.484116
Type 3S2_str	BOBJ1	101.3533	Before	Interior Girder 1	44.9333	0.95	1	1	2.710702
Type 3S2_str	BOBJ1	101.3533	Before	Interior Girder 2	44.9333	0.95	1	1	2.561834
Type 3S2_str	BOBJ1	101.3533	Before	Interior Girder 3	44.9333	0.95	1	1	2.506645
Type 3S2_str	BOBJ1	101.3533	Before	Interior Girder 4	44.9333	0.95	1	1	2.506645
Type 3S2_str	BOBJ1	101.3533	Before	Interior Girder 5	44.9333	0.95	1	1	2.561834
Type 3S2_str	BOBJ1	101.3533	Before	Interior Girder 6	44.9333	0.95	1	1	2.710702
Type 3S2_str	BOBJ1	101.3533	Before	Right Exterior Girder	44.9333	0.95	1	1	3.484116
Type 3S2_str	BOBJ1	101.3533	After	Left Exterior Girder	44.9333	0.95	1	1	3.413197
Type 3S2_str	BOBJ1	101.3533	After	Interior Girder 1	44.9333	0.95	1	1	2.743554
Type 3S2_str	BOBJ1	101.3533	After	Interior Girder 2	44.9333	0.95	1	1	2.566354
Type 3S2_str	BOBJ1	101.3533	After	Interior Girder 3	44.9333	0.95	1	1	2.483121
Type 3S2_str	BOBJ1	101.3533	After	Interior Girder 4	44.9333	0.95	1	1	2.483121

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelINonCompStrgth-Flx - Approach, Span 12-1									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Type 3S2_str	BOBJ1	101.3533	After	Interior Girder 5	44.9333	0.95	1	1	2.566354
Type 3S2_str	BOBJ1	101.3533	After	Interior Girder 6	44.9333	0.95	1	1	2.743554
Type 3S2_str	BOBJ1	101.3533	After	Right Exterior Girder	44.9333	0.95	1	1	3.413197
Type 3S2_str	BOBJ1	106.97	Before	Left Exterior Girder	50.55	0.95	1	1	5.094394
Type 3S2_str	BOBJ1	106.97	Before	Interior Girder 1	50.55	0.95	1	1	4.073109
Type 3S2_str	BOBJ1	106.97	Before	Interior Girder 2	50.55	0.95	1	1	3.710048
Type 3S2_str	BOBJ1	106.97	Before	Interior Girder 3	50.55	0.95	1	1	3.67457
Type 3S2_str	BOBJ1	106.97	Before	Interior Girder 4	50.55	0.95	1	1	3.67457
Type 3S2_str	BOBJ1	106.97	Before	Interior Girder 5	50.55	0.95	1	1	3.710048
Type 3S2_str	BOBJ1	106.97	Before	Interior Girder 6	50.55	0.95	1	1	4.073109
Type 3S2_str	BOBJ1	106.97	Before	Right Exterior Girder	50.55	0.95	1	1	5.094394
Type 3S2_str	BOBJ1	106.97	After	Left Exterior Girder	50.55	0.95	1	1	5.063344
Type 3S2_str	BOBJ1	106.97	After	Interior Girder 1	50.55	0.95	1	1	4.106829
Type 3S2_str	BOBJ1	106.97	After	Interior Girder 2	50.55	0.95	1	1	3.696908
Type 3S2_str	BOBJ1	106.97	After	Interior Girder 3	50.55	0.95	1	1	3.598471
Type 3S2_str	BOBJ1	106.97	After	Interior Girder 4	50.55	0.95	1	1	3.598471
Type 3S2_str	BOBJ1	106.97	After	Interior Girder 5	50.55	0.95	1	1	3.696908
Type 3S2_str	BOBJ1	106.97	After	Interior Girder 6	50.55	0.95	1	1	4.106829
Type 3S2_str	BOBJ1	106.97	After	Right Exterior Girder	50.55	0.95	1	1	5.063344
Type 3S2_str	BOBJ1	112.5933	Before	Left Exterior Girder	56.1733	0.95	1	1	3.94868
Type 3S2_str	BOBJ1	112.5933	Before	Interior Girder 1	56.1733	0.95	1	1	4.155393
Type 3S2_str	BOBJ1	112.5933	Before	Interior Girder 2	56.1733	0.95	1	1	3.972366
Type 3S2_str	BOBJ1	112.5933	Before	Interior Girder 3	56.1733	0.95	1	1	4.005815
Type 3S2_str	BOBJ1	112.5933	Before	Interior Girder 4	56.1733	0.95	1	1	4.005815
Type 3S2_str	BOBJ1	112.5933	Before	Interior Girder 5	56.1733	0.95	1	1	3.972366
Type 3S2_str	BOBJ1	112.5933	Before	Interior Girder 6	56.1733	0.95	1	1	4.155393
Type 3S2_str	BOBJ1	112.5933	Before	Right Exterior Girder	56.1733	0.95	1	1	3.94868
Type 3S2_str	BOBJ1	112.5933	After	Left Exterior Girder	56.1733	0.95	1	1	3.989352
Type 3S2_str	BOBJ1	112.5933	After	Interior Girder 1	56.1733	0.95	1	1	4.123319
Type 3S2_str	BOBJ1	112.5933	After	Interior Girder 2	56.1733	0.95	1	1	3.929577
Type 3S2_str	BOBJ1	112.5933	After	Interior Girder 3	56.1733	0.95	1	1	3.979917
Type 3S2_str	BOBJ1	112.5933	After	Interior Girder 4	56.1733	0.95	1	1	3.979917
Type 3S2_str	BOBJ1	112.5933	After	Interior Girder 5	56.1733	0.95	1	1	3.929577
Type 3S2_str	BOBJ1	112.5933	After	Interior Girder 6	56.1733	0.95	1	1	4.123319
Type 3S2_str	BOBJ1	112.5933	After	Right Exterior Girder	56.1733	0.95	1	1	3.989352
Type 3S2_str	BOBJ1	115.3396	Before	Left Exterior Girder	58.9196	0.95	1	1	3.183688
Type 3S2_str	BOBJ1	115.3396	Before	Right Exterior Girder	58.9196	0.95	1	1	3.183688
Type 3S2_str	BOBJ1	115.3396	After	Left Exterior Girder	58.9196	0.95	1	1	7.109128
Type 3S2_str	BOBJ1	115.3396	After	Right Exterior Girder	58.9196	0.95	1	1	7.109128
Type 3S2_str	BOBJ1	118.2167	Before	Left Exterior Girder	61.7967	0.95	1	1	6.123851
Type 3S2_str	BOBJ1	118.2167	Before	Interior Girder 1	61.9198	0.95	1	1	2.867339
Type 3S2_str	BOBJ1	118.2167	Before	Interior Girder 2	61.9198	0.95	1	1	2.770857
Type 3S2_str	BOBJ1	118.2167	Before	Interior Girder 3	61.9198	0.95	1	1	2.600747
Type 3S2_str	BOBJ1	118.2167	Before	Interior Girder 4	61.9198	0.95	1	1	2.600747
Type 3S2_str	BOBJ1	118.2167	Before	Interior Girder 5	61.9198	0.95	1	1	2.770857
Type 3S2_str	BOBJ1	118.2167	Before	Interior Girder 6	61.9198	0.95	1	1	2.867339
Type 3S2_str	BOBJ1	118.2167	Before	Right Exterior Girder	61.7967	0.95	1	1	6.123851
Type 3S2_str	BOBJ1	118.2167	After	Left Exterior Girder	61.7967	0.95	1	1	6.149721
Type 3S2_str	BOBJ1	118.2167	After	Interior Girder 1	61.9198	0.95	1	1	4.406447
Type 3S2_str	BOBJ1	118.2167	After	Interior Girder 2	61.9198	0.95	1	1	4.159374
Type 3S2_str	BOBJ1	118.2167	After	Interior Girder 3	61.9198	0.95	1	1	3.970159
Type 3S2_str	BOBJ1	118.2167	After	Interior Girder 4	61.9198	0.95	1	1	3.970159
Type 3S2_str	BOBJ1	118.2167	After	Interior Girder 5	61.9198	0.95	1	1	4.159374
Type 3S2_str	BOBJ1	118.2167	After	Interior Girder 6	61.9198	0.95	1	1	4.406447
Type 3S2_str	BOBJ1	118.2167	After	Right Exterior Girder	61.7967	0.95	1	1	6.149721
Type 3S2_str	BOBJ1	123.84	Before	Left Exterior Girder	67.42	0.95	1	1	4.130304
Type 3S2_str	BOBJ1	123.84	Before	Interior Girder 1	67.42	0.95	1	1	2.606491
Type 3S2_str	BOBJ1	123.84	Before	Interior Girder 2	67.42	0.95	1	1	2.452593
Type 3S2_str	BOBJ1	123.84	Before	Interior Girder 3	67.42	0.95	1	1	1.981481
Type 3S2_str	BOBJ1	123.84	Before	Interior Girder 4	67.42	0.95	1	1	1.981481
Type 3S2_str	BOBJ1	123.84	Before	Interior Girder 5	67.42	0.95	1	1	2.452593
Type 3S2_str	BOBJ1	123.84	Before	Interior Girder 6	67.42	0.95	1	1	2.606491
Type 3S2_str	BOBJ1	123.84	Before	Right Exterior Girder	67.42	0.95	1	1	4.130304
Type 3S2_str	BOBJ1	123.84	After	Left Exterior Girder	0	0.95	1	1	4.430097
Type 3S2_str	BOBJ1	123.84	After	Interior Girder 1	0	0.95	1	1	2.817961

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelINonCompStrgth-Flx - Approach, Span 12-1									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Type 3S2_str	BOBJ1	123.84	After	Interior Girder 2	0	0.95	1	1	2.662878
Type 3S2_str	BOBJ1	123.84	After	Interior Girder 3	0	0.95	1	1	2.14755
Type 3S2_str	BOBJ1	123.84	After	Interior Girder 4	0	0.95	1	1	2.14755
Type 3S2_str	BOBJ1	123.84	After	Interior Girder 5	0	0.95	1	1	2.662878
Type 3S2_str	BOBJ1	123.84	After	Interior Girder 6	0	0.95	1	1	2.817961
Type 3S2_str	BOBJ1	123.84	After	Right Exterior Girder	0	0.95	1	1	4.430097
Type 3S2_str	BOBJ1	129.34	Before	Interior Girder 1	5.5	0.95	1	1	4.743822
Type 3S2_str	BOBJ1	129.34	Before	Interior Girder 2	5.5	0.95	1	1	4.500739
Type 3S2_str	BOBJ1	129.34	Before	Interior Girder 3	5.5	0.95	1	1	4.296863
Type 3S2_str	BOBJ1	129.34	Before	Interior Girder 4	5.5	0.95	1	1	4.296863
Type 3S2_str	BOBJ1	129.34	Before	Interior Girder 5	5.5	0.95	1	1	4.500739
Type 3S2_str	BOBJ1	129.34	Before	Interior Girder 6	5.5	0.95	1	1	4.743822
Type 3S2_str	BOBJ1	129.34	After	Interior Girder 1	5.5	0.95	1	1	3.140273
Type 3S2_str	BOBJ1	129.34	After	Interior Girder 2	5.5	0.95	1	1	2.999529
Type 3S2_str	BOBJ1	129.34	After	Interior Girder 3	5.5	0.95	1	1	2.830147
Type 3S2_str	BOBJ1	129.34	After	Interior Girder 4	5.5	0.95	1	1	2.830147
Type 3S2_str	BOBJ1	129.34	After	Interior Girder 5	5.5	0.95	1	1	2.999529
Type 3S2_str	BOBJ1	129.34	After	Interior Girder 6	5.5	0.95	1	1	3.140273
Type 3S2_str	BOBJ1	130.79	Before	Left Exterior Girder	6.95	0.95	1	1	7.028883
Type 3S2_str	BOBJ1	130.79	Before	Interior Girder 1	6.95	0.95	1	1	3.487737
Type 3S2_str	BOBJ1	130.79	Before	Interior Girder 2	6.95	0.95	1	1	3.289517
Type 3S2_str	BOBJ1	130.79	Before	Interior Girder 3	6.95	0.95	1	1	3.185913
Type 3S2_str	BOBJ1	130.79	Before	Interior Girder 4	6.95	0.95	1	1	3.185913
Type 3S2_str	BOBJ1	130.79	Before	Interior Girder 5	6.95	0.95	1	1	3.289517
Type 3S2_str	BOBJ1	130.79	Before	Interior Girder 6	6.95	0.95	1	1	3.487737
Type 3S2_str	BOBJ1	130.79	Before	Right Exterior Girder	6.95	0.95	1	1	7.028883
Type 3S2_str	BOBJ1	130.79	After	Left Exterior Girder	6.95	0.95	1	1	7.080214
Type 3S2_str	BOBJ1	130.79	After	Interior Girder 1	6.95	0.95	1	1	3.474467
Type 3S2_str	BOBJ1	130.79	After	Interior Girder 2	6.95	0.95	1	1	3.318304
Type 3S2_str	BOBJ1	130.79	After	Interior Girder 3	6.95	0.95	1	1	3.203926
Type 3S2_str	BOBJ1	130.79	After	Interior Girder 4	6.95	0.95	1	1	3.203926
Type 3S2_str	BOBJ1	130.79	After	Interior Girder 5	6.95	0.95	1	1	3.318304
Type 3S2_str	BOBJ1	130.79	After	Interior Girder 6	6.95	0.95	1	1	3.474467
Type 3S2_str	BOBJ1	130.79	After	Right Exterior Girder	6.95	0.95	1	1	7.080214
Type 3S2_str	BOBJ1	132.34	Before	Left Exterior Girder	8.5	0.95	1	1	7.692191
Type 3S2_str	BOBJ1	132.34	Before	Right Exterior Girder	8.5	0.95	1	1	7.692191
Type 3S2_str	BOBJ1	132.34	After	Left Exterior Girder	8.5	0.95	1	1	3.434775
Type 3S2_str	BOBJ1	132.34	After	Right Exterior Girder	8.5	0.95	1	1	3.434775
Type 3S2_str	BOBJ1	137.74	Before	Left Exterior Girder	13.9	0.95	1	1	5.071433
Type 3S2_str	BOBJ1	137.74	Before	Interior Girder 1	13.9	0.95	1	1	5.119793
Type 3S2_str	BOBJ1	137.74	Before	Interior Girder 2	13.9	0.95	1	1	4.811502
Type 3S2_str	BOBJ1	137.74	Before	Interior Girder 3	13.9	0.95	1	1	4.667161
Type 3S2_str	BOBJ1	137.74	Before	Interior Girder 4	13.9	0.95	1	1	4.667161
Type 3S2_str	BOBJ1	137.74	Before	Interior Girder 5	13.9	0.95	1	1	4.811502
Type 3S2_str	BOBJ1	137.74	Before	Interior Girder 6	13.9	0.95	1	1	5.119793
Type 3S2_str	BOBJ1	137.74	Before	Right Exterior Girder	13.9	0.95	1	1	5.071433
Type 3S2_str	BOBJ1	137.74	After	Left Exterior Girder	13.9	0.95	1	1	5.527192
Type 3S2_str	BOBJ1	137.74	After	Interior Girder 1	13.9	0.95	1	1	5.322015
Type 3S2_str	BOBJ1	137.74	After	Interior Girder 2	13.9	0.95	1	1	4.805281
Type 3S2_str	BOBJ1	137.74	After	Interior Girder 3	13.9	0.95	1	1	4.749326
Type 3S2_str	BOBJ1	137.74	After	Interior Girder 4	13.9	0.95	1	1	4.749326
Type 3S2_str	BOBJ1	137.74	After	Interior Girder 5	13.9	0.95	1	1	4.805281
Type 3S2_str	BOBJ1	137.74	After	Interior Girder 6	13.9	0.95	1	1	5.322015
Type 3S2_str	BOBJ1	137.74	After	Right Exterior Girder	13.9	0.95	1	1	5.527192
Type 3S2_str	BOBJ1	143.7733	Before	Left Exterior Girder	19.9333	0.95	1	1	4.097725
Type 3S2_str	BOBJ1	143.7733	Before	Interior Girder 1	19.9333	0.95	1	1	3.085699
Type 3S2_str	BOBJ1	143.7733	Before	Interior Girder 2	19.9333	0.95	1	1	2.872059
Type 3S2_str	BOBJ1	143.7733	Before	Interior Girder 3	19.9333	0.95	1	1	2.76951
Type 3S2_str	BOBJ1	143.7733	Before	Interior Girder 4	19.9333	0.95	1	1	2.76951
Type 3S2_str	BOBJ1	143.7733	Before	Interior Girder 5	19.9333	0.95	1	1	2.872059
Type 3S2_str	BOBJ1	143.7733	Before	Interior Girder 6	19.9333	0.95	1	1	3.085699
Type 3S2_str	BOBJ1	143.7733	Before	Right Exterior Girder	19.9333	0.95	1	1	4.097725
Type 3S2_str	BOBJ1	143.7733	After	Left Exterior Girder	19.9333	0.95	1	1	4.190869
Type 3S2_str	BOBJ1	143.7733	After	Interior Girder 1	19.9333	0.95	1	1	3.038943
Type 3S2_str	BOBJ1	143.7733	After	Interior Girder 2	19.9333	0.95	1	1	2.86904

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelINonCompStrgth-Flx - Approach, Span 12-1									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Type 3S2_str	BOBJ1	143.7733	After	Interior Girder 3	19.9333	0.95	1	1	2.809571
Type 3S2_str	BOBJ1	143.7733	After	Interior Girder 4	19.9333	0.95	1	1	2.809571
Type 3S2_str	BOBJ1	143.7733	After	Interior Girder 5	19.9333	0.95	1	1	2.86904
Type 3S2_str	BOBJ1	143.7733	After	Interior Girder 6	19.9333	0.95	1	1	3.038943
Type 3S2_str	BOBJ1	143.7733	After	Right Exterior Girder	19.9333	0.95	1	1	4.190869
Type 3S2_str	BOBJ1	149.8067	Before	Left Exterior Girder	25.9667	0.95	1	1	2.90033
Type 3S2_str	BOBJ1	149.8067	Before	Interior Girder 1	25.9667	0.95	1	1	2.365831
Type 3S2_str	BOBJ1	149.8067	Before	Interior Girder 2	25.9667	0.95	1	1	2.244357
Type 3S2_str	BOBJ1	149.8067	Before	Interior Girder 3	25.9667	0.95	1	1	2.183506
Type 3S2_str	BOBJ1	149.8067	Before	Interior Girder 4	25.9667	0.95	1	1	2.183506
Type 3S2_str	BOBJ1	149.8067	Before	Interior Girder 5	25.9667	0.95	1	1	2.244357
Type 3S2_str	BOBJ1	149.8067	Before	Interior Girder 6	25.9667	0.95	1	1	2.365831
Type 3S2_str	BOBJ1	149.8067	Before	Right Exterior Girder	25.9667	0.95	1	1	2.90033
Type 3S2_str	BOBJ1	149.8067	After	Left Exterior Girder	25.9667	0.95	1	1	2.918094
Type 3S2_str	BOBJ1	149.8067	After	Interior Girder 1	25.9667	0.95	1	1	2.359353
Type 3S2_str	BOBJ1	149.8067	After	Interior Girder 2	25.9667	0.95	1	1	2.252526
Type 3S2_str	BOBJ1	149.8067	After	Interior Girder 3	25.9667	0.95	1	1	2.202444
Type 3S2_str	BOBJ1	149.8067	After	Interior Girder 4	25.9667	0.95	1	1	2.202444
Type 3S2_str	BOBJ1	149.8067	After	Interior Girder 5	25.9667	0.95	1	1	2.252526
Type 3S2_str	BOBJ1	149.8067	After	Interior Girder 6	25.9667	0.95	1	1	2.359353
Type 3S2_str	BOBJ1	149.8067	After	Right Exterior Girder	25.9667	0.95	1	1	2.918094
Type 3S2_str	BOBJ1	155.84	Before	Left Exterior Girder	32	0.95	1	1	2.433913
Type 3S2_str	BOBJ1	155.84	Before	Interior Girder 1	32	0.95	1	1	2.244624
Type 3S2_str	BOBJ1	155.84	Before	Interior Girder 2	32	0.95	1	1	2.134002
Type 3S2_str	BOBJ1	155.84	Before	Interior Girder 3	32	0.95	1	1	2.091585
Type 3S2_str	BOBJ1	155.84	Before	Interior Girder 4	32	0.95	1	1	2.091585
Type 3S2_str	BOBJ1	155.84	Before	Interior Girder 5	32	0.95	1	1	2.134002
Type 3S2_str	BOBJ1	155.84	Before	Interior Girder 6	32	0.95	1	1	2.244624
Type 3S2_str	BOBJ1	155.84	Before	Right Exterior Girder	32	0.95	1	1	2.433913
Type 3S2_str	BOBJ1	155.84	After	Left Exterior Girder	32	0.95	1	1	2.450744
Type 3S2_str	BOBJ1	155.84	After	Interior Girder 1	32	0.95	1	1	2.230651
Type 3S2_str	BOBJ1	155.84	After	Interior Girder 2	32	0.95	1	1	2.128194
Type 3S2_str	BOBJ1	155.84	After	Interior Girder 3	32	0.95	1	1	2.085525
Type 3S2_str	BOBJ1	155.84	After	Interior Girder 4	32	0.95	1	1	2.085525
Type 3S2_str	BOBJ1	155.84	After	Interior Girder 5	32	0.95	1	1	2.128194
Type 3S2_str	BOBJ1	155.84	After	Interior Girder 6	32	0.95	1	1	2.230651
Type 3S2_str	BOBJ1	155.84	After	Right Exterior Girder	32	0.95	1	1	2.450744
Type 3S2_str	BOBJ1	161.8733	Before	Left Exterior Girder	38.0333	0.95	1	1	2.62508
Type 3S2_str	BOBJ1	161.8733	Before	Interior Girder 1	38.0333	0.95	1	1	2.181731
Type 3S2_str	BOBJ1	161.8733	Before	Interior Girder 2	38.0333	0.95	1	1	2.086552
Type 3S2_str	BOBJ1	161.8733	Before	Interior Girder 3	38.0333	0.95	1	1	2.028774
Type 3S2_str	BOBJ1	161.8733	Before	Interior Girder 4	38.0333	0.95	1	1	2.028774
Type 3S2_str	BOBJ1	161.8733	Before	Interior Girder 5	38.0333	0.95	1	1	2.086552
Type 3S2_str	BOBJ1	161.8733	Before	Interior Girder 6	38.0333	0.95	1	1	2.181731
Type 3S2_str	BOBJ1	161.8733	Before	Right Exterior Girder	38.0333	0.95	1	1	2.62508
Type 3S2_str	BOBJ1	161.8733	After	Left Exterior Girder	38.0333	0.95	1	1	2.622619
Type 3S2_str	BOBJ1	161.8733	After	Interior Girder 1	38.0333	0.95	1	1	2.178743
Type 3S2_str	BOBJ1	161.8733	After	Interior Girder 2	38.0333	0.95	1	1	2.080656
Type 3S2_str	BOBJ1	161.8733	After	Interior Girder 3	38.0333	0.95	1	1	2.024677
Type 3S2_str	BOBJ1	161.8733	After	Interior Girder 4	38.0333	0.95	1	1	2.024677
Type 3S2_str	BOBJ1	161.8733	After	Interior Girder 5	38.0333	0.95	1	1	2.080656
Type 3S2_str	BOBJ1	161.8733	After	Interior Girder 6	38.0333	0.95	1	1	2.178743
Type 3S2_str	BOBJ1	161.8733	After	Right Exterior Girder	38.0333	0.95	1	1	2.622619
Type 3S2_str	BOBJ1	167.9067	Before	Left Exterior Girder	44.0667	0.95	1	1	3.298618
Type 3S2_str	BOBJ1	167.9067	Before	Interior Girder 1	44.0667	0.95	1	1	2.562016
Type 3S2_str	BOBJ1	167.9067	Before	Interior Girder 2	44.0667	0.95	1	1	2.411349
Type 3S2_str	BOBJ1	167.9067	Before	Interior Girder 3	44.0667	0.95	1	1	2.354958
Type 3S2_str	BOBJ1	167.9067	Before	Interior Girder 4	44.0667	0.95	1	1	2.354958
Type 3S2_str	BOBJ1	167.9067	Before	Interior Girder 5	44.0667	0.95	1	1	2.411349
Type 3S2_str	BOBJ1	167.9067	Before	Interior Girder 6	44.0667	0.95	1	1	2.562016
Type 3S2_str	BOBJ1	167.9067	Before	Right Exterior Girder	44.0667	0.95	1	1	3.298618
Type 3S2_str	BOBJ1	167.9067	After	Left Exterior Girder	44.0667	0.95	1	1	3.226569
Type 3S2_str	BOBJ1	167.9067	After	Interior Girder 1	44.0667	0.95	1	1	2.592324
Type 3S2_str	BOBJ1	167.9067	After	Interior Girder 2	44.0667	0.95	1	1	2.417304
Type 3S2_str	BOBJ1	167.9067	After	Interior Girder 3	44.0667	0.95	1	1	2.334518

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelINonCompStrgth-Flx - Approach, Span 12-1									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Type 3S2_str	BOBJ1	167.9067	After	Interior Girder 4	44.0667	0.95	1	1	2.334518
Type 3S2_str	BOBJ1	167.9067	After	Interior Girder 5	44.0667	0.95	1	1	2.417304
Type 3S2_str	BOBJ1	167.9067	After	Interior Girder 6	44.0667	0.95	1	1	2.592324
Type 3S2_str	BOBJ1	167.9067	After	Right Exterior Girder	44.0667	0.95	1	1	3.226569
Type 3S2_str	BOBJ1	173.94	Before	Left Exterior Girder	50.1	0.95	1	1	4.83946
Type 3S2_str	BOBJ1	173.94	Before	Interior Girder 1	50.1	0.95	1	1	3.870311
Type 3S2_str	BOBJ1	173.94	Before	Interior Girder 2	50.1	0.95	1	1	3.510785
Type 3S2_str	BOBJ1	173.94	Before	Interior Girder 3	50.1	0.95	1	1	3.462148
Type 3S2_str	BOBJ1	173.94	Before	Interior Girder 4	50.1	0.95	1	1	3.462148
Type 3S2_str	BOBJ1	173.94	Before	Interior Girder 5	50.1	0.95	1	1	3.510785
Type 3S2_str	BOBJ1	173.94	Before	Interior Girder 6	50.1	0.95	1	1	3.870311
Type 3S2_str	BOBJ1	173.94	Before	Right Exterior Girder	50.1	0.95	1	1	4.83946
Type 3S2_str	BOBJ1	173.94	After	Left Exterior Girder	50.1	0.95	1	1	4.809446
Type 3S2_str	BOBJ1	173.94	After	Interior Girder 1	50.1	0.95	1	1	3.904322
Type 3S2_str	BOBJ1	173.94	After	Interior Girder 2	50.1	0.95	1	1	3.497531
Type 3S2_str	BOBJ1	173.94	After	Interior Girder 3	50.1	0.95	1	1	3.387379
Type 3S2_str	BOBJ1	173.94	After	Interior Girder 4	50.1	0.95	1	1	3.387379
Type 3S2_str	BOBJ1	173.94	After	Interior Girder 5	50.1	0.95	1	1	3.497531
Type 3S2_str	BOBJ1	173.94	After	Interior Girder 6	50.1	0.95	1	1	3.904322
Type 3S2_str	BOBJ1	173.94	After	Right Exterior Girder	50.1	0.95	1	1	4.809446
Type 3S2_str	BOBJ1	179.98	Before	Left Exterior Girder	56.14	0.95	1	1	5.490612
Type 3S2_str	BOBJ1	179.98	Before	Interior Girder 1	56.14	0.95	1	1	5.611714
Type 3S2_str	BOBJ1	179.98	Before	Interior Girder 2	56.14	0.95	1	1	5.309565
Type 3S2_str	BOBJ1	179.98	Before	Interior Girder 3	56.14	0.95	1	1	5.263359
Type 3S2_str	BOBJ1	179.98	Before	Interior Girder 4	56.14	0.95	1	1	5.263359
Type 3S2_str	BOBJ1	179.98	Before	Interior Girder 5	56.14	0.95	1	1	5.309565
Type 3S2_str	BOBJ1	179.98	Before	Interior Girder 6	56.14	0.95	1	1	5.611714
Type 3S2_str	BOBJ1	179.98	Before	Right Exterior Girder	56.14	0.95	1	1	5.490612
Type 3S2_str	BOBJ1	179.98	After	Left Exterior Girder	56.14	0.95	1	1	5.560234
Type 3S2_str	BOBJ1	179.98	After	Interior Girder 1	56.14	0.95	1	1	5.558946
Type 3S2_str	BOBJ1	179.98	After	Interior Girder 2	56.14	0.95	1	1	5.219982
Type 3S2_str	BOBJ1	179.98	After	Interior Girder 3	56.14	0.95	1	1	5.198538
Type 3S2_str	BOBJ1	179.98	After	Interior Girder 4	56.14	0.95	1	1	5.198538
Type 3S2_str	BOBJ1	179.98	After	Interior Girder 5	56.14	0.95	1	1	5.219982
Type 3S2_str	BOBJ1	179.98	After	Interior Girder 6	56.14	0.95	1	1	5.558946
Type 3S2_str	BOBJ1	179.98	After	Right Exterior Girder	56.14	0.95	1	1	5.560234
Type 3S2_str	BOBJ1	183.56	Before	Left Exterior Girder	59.72	0.95	1	1	4.1667
Type 3S2_str	BOBJ1	183.56	Before	Right Exterior Girder	59.72	0.95	1	1	4.1667
Type 3S2_str	BOBJ1	183.56	After	Left Exterior Girder	59.72	0.95	1	1	10.088014
Type 3S2_str	BOBJ1	183.56	After	Right Exterior Girder	59.72	0.95	1	1	10.088014
Type 3S2_str	BOBJ1	186.02	Before	Left Exterior Girder	62.18	0.95	1	1	8.89088
Type 3S2_str	BOBJ1	186.02	Before	Interior Girder 1	62.22	0.95	1	1	3.755188
Type 3S2_str	BOBJ1	186.02	Before	Interior Girder 2	62.22	0.95	1	1	3.598677
Type 3S2_str	BOBJ1	186.02	Before	Interior Girder 3	62.22	0.95	1	1	3.281927
Type 3S2_str	BOBJ1	186.02	Before	Interior Girder 4	62.22	0.95	1	1	3.281927
Type 3S2_str	BOBJ1	186.02	Before	Interior Girder 5	62.22	0.95	1	1	3.598677
Type 3S2_str	BOBJ1	186.02	Before	Interior Girder 6	62.22	0.95	1	1	3.755188
Type 3S2_str	BOBJ1	186.02	Before	Right Exterior Girder	62.18	0.95	1	1	8.89088
Type 3S2_str	BOBJ1	186.02	After	Left Exterior Girder	62.18	0.95	1	1	8.978239
Type 3S2_str	BOBJ1	186.02	After	Interior Girder 1	62.22	0.95	1	1	6.115922
Type 3S2_str	BOBJ1	186.02	After	Interior Girder 2	62.22	0.95	1	1	5.683774
Type 3S2_str	BOBJ1	186.02	After	Interior Girder 3	62.22	0.95	1	1	5.275787
Type 3S2_str	BOBJ1	186.02	After	Interior Girder 4	62.22	0.95	1	1	5.275787
Type 3S2_str	BOBJ1	186.02	After	Interior Girder 5	62.22	0.95	1	1	5.683774
Type 3S2_str	BOBJ1	186.02	After	Interior Girder 6	62.22	0.95	1	1	6.115922
Type 3S2_str	BOBJ1	186.02	After	Right Exterior Girder	62.18	0.95	1	1	8.978239
Type 3S2_str	BOBJ1	192.06	Before	Left Exterior Girder	68.22	0.95	1	1	4.091093
Type 3S2_str	BOBJ1	192.06	Before	Interior Girder 1	68.22	0.95	1	1	2.632173
Type 3S2_str	BOBJ1	192.06	Before	Interior Girder 2	68.22	0.95	1	1	2.537909
Type 3S2_str	BOBJ1	192.06	Before	Interior Girder 3	68.22	0.95	1	1	2.084824
Type 3S2_str	BOBJ1	192.06	Before	Interior Girder 4	68.22	0.95	1	1	2.084824
Type 3S2_str	BOBJ1	192.06	Before	Interior Girder 5	68.22	0.95	1	1	2.537909
Type 3S2_str	BOBJ1	192.06	Before	Interior Girder 6	68.22	0.95	1	1	2.632173
Type 3S2_str	BOBJ1	192.06	Before	Right Exterior Girder	68.22	0.95	1	1	4.091093
Type 3S2_str	BOBJ1	192.06	After	Left Exterior Girder	0	0.95	1	1	4.995249

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelINonCompStrgth-Flx - Approach, Span 12-1									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Type 3S2_str	BOBJ1	192.06	After	Interior Girder 1	0	0.95	1	1	3.445714
Type 3S2_str	BOBJ1	192.06	After	Interior Girder 2	0	0.95	1	1	3.239504
Type 3S2_str	BOBJ1	192.06	After	Interior Girder 3	0	0.95	1	1	2.651826
Type 3S2_str	BOBJ1	192.06	After	Interior Girder 4	0	0.95	1	1	2.651826
Type 3S2_str	BOBJ1	192.06	After	Interior Girder 5	0	0.95	1	1	3.239504
Type 3S2_str	BOBJ1	192.06	After	Interior Girder 6	0	0.95	1	1	3.445714
Type 3S2_str	BOBJ1	192.06	After	Right Exterior Girder	0	0.95	1	1	4.995249
Type 3S2_str	BOBJ1	197.087	Before	Interior Girder 1	5.027	0.95	1	1	4.948806
Type 3S2_str	BOBJ1	197.087	Before	Interior Girder 2	5.027	0.95	1	1	4.667777
Type 3S2_str	BOBJ1	197.087	Before	Interior Girder 3	5.027	0.95	1	1	4.576256
Type 3S2_str	BOBJ1	197.087	Before	Interior Girder 4	5.027	0.95	1	1	4.576256
Type 3S2_str	BOBJ1	197.087	Before	Interior Girder 5	5.027	0.95	1	1	4.667777
Type 3S2_str	BOBJ1	197.087	Before	Interior Girder 6	5.027	0.95	1	1	4.948806
Type 3S2_str	BOBJ1	197.087	After	Interior Girder 1	5.027	0.95	1	1	3.089625
Type 3S2_str	BOBJ1	197.087	After	Interior Girder 2	5.027	0.95	1	1	2.924331
Type 3S2_str	BOBJ1	197.087	After	Interior Girder 3	5.027	0.95	1	1	2.84511
Type 3S2_str	BOBJ1	197.087	After	Interior Girder 4	5.027	0.95	1	1	2.84511
Type 3S2_str	BOBJ1	197.087	After	Interior Girder 5	5.027	0.95	1	1	2.924331
Type 3S2_str	BOBJ1	197.087	After	Interior Girder 6	5.027	0.95	1	1	3.089625
Type 3S2_str	BOBJ1	197.91	Before	Left Exterior Girder	5.85	0.95	1	1	6.932365
Type 3S2_str	BOBJ1	197.91	Before	Interior Girder 1	5.85	0.95	1	1	3.267781
Type 3S2_str	BOBJ1	197.91	Before	Interior Girder 2	5.85	0.95	1	1	3.06622
Type 3S2_str	BOBJ1	197.91	Before	Interior Girder 3	5.85	0.95	1	1	3.040015
Type 3S2_str	BOBJ1	197.91	Before	Interior Girder 4	5.85	0.95	1	1	3.040015
Type 3S2_str	BOBJ1	197.91	Before	Interior Girder 5	5.85	0.95	1	1	3.06622
Type 3S2_str	BOBJ1	197.91	Before	Interior Girder 6	5.85	0.95	1	1	3.267781
Type 3S2_str	BOBJ1	197.91	Before	Right Exterior Girder	5.85	0.95	1	1	6.932365
Type 3S2_str	BOBJ1	197.91	After	Left Exterior Girder	5.85	0.95	1	1	5.875996
Type 3S2_str	BOBJ1	197.91	After	Interior Girder 1	5.85	0.95	1	1	2.722343
Type 3S2_str	BOBJ1	197.91	After	Interior Girder 2	5.85	0.95	1	1	2.58153
Type 3S2_str	BOBJ1	197.91	After	Interior Girder 3	5.85	0.95	1	1	2.531226
Type 3S2_str	BOBJ1	197.91	After	Interior Girder 4	5.85	0.95	1	1	2.531226
Type 3S2_str	BOBJ1	197.91	After	Interior Girder 5	5.85	0.95	1	1	2.58153
Type 3S2_str	BOBJ1	197.91	After	Interior Girder 6	5.85	0.95	1	1	2.722343
Type 3S2_str	BOBJ1	197.91	After	Right Exterior Girder	5.85	0.95	1	1	5.875996
Type 3S2_str	BOBJ1	199.1816	Before	Left Exterior Girder	7.1216	0.95	1	1	6.290647
Type 3S2_str	BOBJ1	199.1816	Before	Right Exterior Girder	7.1216	0.95	1	1	6.290647
Type 3S2_str	BOBJ1	199.1816	After	Left Exterior Girder	7.1216	0.95	1	1	2.521996
Type 3S2_str	BOBJ1	199.1816	After	Right Exterior Girder	7.1216	0.95	1	1	2.521996
Type 3S2_str	BOBJ1	203.5267	Before	Left Exterior Girder	11.3107	0.95	1	1	3.633607
Type 3S2_str	BOBJ1	203.5267	Before	Interior Girder 1	11.3107	0.95	1	1	3.862816
Type 3S2_str	BOBJ1	203.5267	Before	Interior Girder 2	11.3107	0.95	1	1	3.659085
Type 3S2_str	BOBJ1	203.5267	Before	Interior Girder 3	11.3107	0.95	1	1	3.780408
Type 3S2_str	BOBJ1	203.5267	Before	Interior Girder 4	11.3107	0.95	1	1	3.780408
Type 3S2_str	BOBJ1	203.5267	Before	Interior Girder 5	11.3107	0.95	1	1	3.659085
Type 3S2_str	BOBJ1	203.5267	Before	Interior Girder 6	11.3107	0.95	1	1	3.862816
Type 3S2_str	BOBJ1	203.5267	Before	Right Exterior Girder	11.3107	0.95	1	1	3.633607
Type 3S2_str	BOBJ1	203.5267	After	Left Exterior Girder	11.3107	0.95	1	1	5.842608
Type 3S2_str	BOBJ1	203.5267	After	Interior Girder 1	11.3107	0.95	1	1	6.126261
Type 3S2_str	BOBJ1	203.5267	After	Interior Girder 2	11.3107	0.95	1	1	5.856927
Type 3S2_str	BOBJ1	203.5267	After	Interior Girder 3	11.3107	0.95	1	1	5.997846
Type 3S2_str	BOBJ1	203.5267	After	Interior Girder 4	11.3107	0.95	1	1	5.997846
Type 3S2_str	BOBJ1	203.5267	After	Interior Girder 5	11.3107	0.95	1	1	5.856927
Type 3S2_str	BOBJ1	203.5267	After	Interior Girder 6	11.3107	0.95	1	1	6.126261
Type 3S2_str	BOBJ1	203.5267	After	Right Exterior Girder	11.3107	0.95	1	1	5.842608
Type 3S2_str	BOBJ1	209.1433	Before	Left Exterior Girder	17.0833	0.95	1	1	6.852136
Type 3S2_str	BOBJ1	209.1433	Before	Interior Girder 1	17.0833	0.95	1	1	4.930453
Type 3S2_str	BOBJ1	209.1433	Before	Interior Girder 2	17.0833	0.95	1	1	4.551846
Type 3S2_str	BOBJ1	209.1433	Before	Interior Girder 3	17.0833	0.95	1	1	4.411927
Type 3S2_str	BOBJ1	209.1433	Before	Interior Girder 4	17.0833	0.95	1	1	4.411927
Type 3S2_str	BOBJ1	209.1433	Before	Interior Girder 5	17.0833	0.95	1	1	4.551846
Type 3S2_str	BOBJ1	209.1433	Before	Interior Girder 6	17.0833	0.95	1	1	4.930453
Type 3S2_str	BOBJ1	209.1433	Before	Right Exterior Girder	17.0833	0.95	1	1	6.852136
Type 3S2_str	BOBJ1	209.1433	After	Left Exterior Girder	17.0833	0.95	1	1	6.841432
Type 3S2_str	BOBJ1	209.1433	After	Interior Girder 1	17.0833	0.95	1	1	4.944054

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelINonCompStrgth-Flx - Approach, Span 12-1									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Type 3S2_str	BOBJ1	209.1433	After	Interior Girder 2	17.0833	0.95	1	1	4.605869
Type 3S2_str	BOBJ1	209.1433	After	Interior Girder 3	17.0833	0.95	1	1	4.504661
Type 3S2_str	BOBJ1	209.1433	After	Interior Girder 4	17.0833	0.95	1	1	4.504661
Type 3S2_str	BOBJ1	209.1433	After	Interior Girder 5	17.0833	0.95	1	1	4.605869
Type 3S2_str	BOBJ1	209.1433	After	Interior Girder 6	17.0833	0.95	1	1	4.944054
Type 3S2_str	BOBJ1	209.1433	After	Right Exterior Girder	17.0833	0.95	1	1	6.841432
Type 3S2_str	BOBJ1	214.76	Before	Left Exterior Girder	22.7	0.95	1	1	4.714903
Type 3S2_str	BOBJ1	214.76	Before	Interior Girder 1	22.7	0.95	1	1	3.935829
Type 3S2_str	BOBJ1	214.76	Before	Interior Girder 2	22.7	0.95	1	1	3.656097
Type 3S2_str	BOBJ1	214.76	Before	Interior Girder 3	22.7	0.95	1	1	3.551807
Type 3S2_str	BOBJ1	214.76	Before	Interior Girder 4	22.7	0.95	1	1	3.551807
Type 3S2_str	BOBJ1	214.76	Before	Interior Girder 5	22.7	0.95	1	1	3.656097
Type 3S2_str	BOBJ1	214.76	Before	Interior Girder 6	22.7	0.95	1	1	3.935829
Type 3S2_str	BOBJ1	214.76	Before	Right Exterior Girder	22.7	0.95	1	1	4.714903
Type 3S2_str	BOBJ1	214.76	After	Left Exterior Girder	22.7	0.95	1	1	4.757722
Type 3S2_str	BOBJ1	214.76	After	Interior Girder 1	22.7	0.95	1	1	3.915066
Type 3S2_str	BOBJ1	214.76	After	Interior Girder 2	22.7	0.95	1	1	3.658937
Type 3S2_str	BOBJ1	214.76	After	Interior Girder 3	22.7	0.95	1	1	3.569013
Type 3S2_str	BOBJ1	214.76	After	Interior Girder 4	22.7	0.95	1	1	3.569013
Type 3S2_str	BOBJ1	214.76	After	Interior Girder 5	22.7	0.95	1	1	3.658937
Type 3S2_str	BOBJ1	214.76	After	Interior Girder 6	22.7	0.95	1	1	3.915066
Type 3S2_str	BOBJ1	214.76	After	Right Exterior Girder	22.7	0.95	1	1	4.757722
Type 3S2_str	BOBJ1	220.3767	Before	Left Exterior Girder	28.3167	0.95	1	1	4.270812
Type 3S2_str	BOBJ1	220.3767	Before	Interior Girder 1	28.3167	0.95	1	1	3.381432
Type 3S2_str	BOBJ1	220.3767	Before	Interior Girder 2	28.3167	0.95	1	1	3.199969
Type 3S2_str	BOBJ1	220.3767	Before	Interior Girder 3	28.3167	0.95	1	1	3.065609
Type 3S2_str	BOBJ1	220.3767	Before	Interior Girder 4	28.3167	0.95	1	1	3.065609
Type 3S2_str	BOBJ1	220.3767	Before	Interior Girder 5	28.3167	0.95	1	1	3.199969
Type 3S2_str	BOBJ1	220.3767	Before	Interior Girder 6	28.3167	0.95	1	1	3.381432
Type 3S2_str	BOBJ1	220.3767	Before	Right Exterior Girder	28.3167	0.95	1	1	4.270812
Type 3S2_str	BOBJ1	220.3767	After	Left Exterior Girder	28.3167	0.95	1	1	4.306972
Type 3S2_str	BOBJ1	220.3767	After	Interior Girder 1	28.3167	0.95	1	1	3.373198
Type 3S2_str	BOBJ1	220.3767	After	Interior Girder 2	28.3167	0.95	1	1	3.200831
Type 3S2_str	BOBJ1	220.3767	After	Interior Girder 3	28.3167	0.95	1	1	3.080419
Type 3S2_str	BOBJ1	220.3767	After	Interior Girder 4	28.3167	0.95	1	1	3.080419
Type 3S2_str	BOBJ1	220.3767	After	Interior Girder 5	28.3167	0.95	1	1	3.200831
Type 3S2_str	BOBJ1	220.3767	After	Interior Girder 6	28.3167	0.95	1	1	3.373198
Type 3S2_str	BOBJ1	220.3767	After	Right Exterior Girder	28.3167	0.95	1	1	4.306972
Type 3S2_str	BOBJ1	225.9933	Before	Left Exterior Girder	33.9333	0.95	1	1	4.003642
Type 3S2_str	BOBJ1	225.9933	Before	Interior Girder 1	33.9333	0.95	1	1	3.142698
Type 3S2_str	BOBJ1	225.9933	Before	Interior Girder 2	33.9333	0.95	1	1	2.992674
Type 3S2_str	BOBJ1	225.9933	Before	Interior Girder 3	33.9333	0.95	1	1	2.896289
Type 3S2_str	BOBJ1	225.9933	Before	Interior Girder 4	33.9333	0.95	1	1	2.896289
Type 3S2_str	BOBJ1	225.9933	Before	Interior Girder 5	33.9333	0.95	1	1	2.992674
Type 3S2_str	BOBJ1	225.9933	Before	Interior Girder 6	33.9333	0.95	1	1	3.142698
Type 3S2_str	BOBJ1	225.9933	Before	Right Exterior Girder	33.9333	0.95	1	1	4.003642
Type 3S2_str	BOBJ1	225.9933	After	Left Exterior Girder	33.9333	0.95	1	1	3.970037
Type 3S2_str	BOBJ1	225.9933	After	Interior Girder 1	33.9333	0.95	1	1	3.15959
Type 3S2_str	BOBJ1	225.9933	After	Interior Girder 2	33.9333	0.95	1	1	2.993728
Type 3S2_str	BOBJ1	225.9933	After	Interior Girder 3	33.9333	0.95	1	1	2.895443
Type 3S2_str	BOBJ1	225.9933	After	Interior Girder 4	33.9333	0.95	1	1	2.895443
Type 3S2_str	BOBJ1	225.9933	After	Interior Girder 5	33.9333	0.95	1	1	2.993728
Type 3S2_str	BOBJ1	225.9933	After	Interior Girder 6	33.9333	0.95	1	1	3.15959
Type 3S2_str	BOBJ1	225.9933	After	Right Exterior Girder	33.9333	0.95	1	1	3.970037
Type 3S2_str	BOBJ1	231.61	Before	Left Exterior Girder	39.55	0.95	1	1	4.224693
Type 3S2_str	BOBJ1	231.61	Before	Interior Girder 1	39.55	0.95	1	1	3.450733
Type 3S2_str	BOBJ1	231.61	Before	Interior Girder 2	39.55	0.95	1	1	3.261985
Type 3S2_str	BOBJ1	231.61	Before	Interior Girder 3	39.55	0.95	1	1	3.147085
Type 3S2_str	BOBJ1	231.61	Before	Interior Girder 4	39.55	0.95	1	1	3.147085
Type 3S2_str	BOBJ1	231.61	Before	Interior Girder 5	39.55	0.95	1	1	3.261985
Type 3S2_str	BOBJ1	231.61	Before	Interior Girder 6	39.55	0.95	1	1	3.450733
Type 3S2_str	BOBJ1	231.61	Before	Right Exterior Girder	39.55	0.95	1	1	4.224693
Type 3S2_str	BOBJ1	231.61	After	Left Exterior Girder	39.55	0.95	1	1	4.20319
Type 3S2_str	BOBJ1	231.61	After	Interior Girder 1	39.55	0.95	1	1	3.458473
Type 3S2_str	BOBJ1	231.61	After	Interior Girder 2	39.55	0.95	1	1	3.238657

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelINonCompStrgth-Flx - Approach, Span 12-1									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Type 3S2_str	BOBJ1	231.61	After	Interior Girder 3	39.55	0.95	1	1	3.108121
Type 3S2_str	BOBJ1	231.61	After	Interior Girder 4	39.55	0.95	1	1	3.108121
Type 3S2_str	BOBJ1	231.61	After	Interior Girder 5	39.55	0.95	1	1	3.238657
Type 3S2_str	BOBJ1	231.61	After	Interior Girder 6	39.55	0.95	1	1	3.458473
Type 3S2_str	BOBJ1	231.61	After	Right Exterior Girder	39.55	0.95	1	1	4.20319
Type 3S2_str	BOBJ1	237.37	Before	Left Exterior Girder	45.31	0.95	1	1	5.926016
Type 3S2_str	BOBJ1	237.37	Before	Interior Girder 1	45.31	0.95	1	1	4.323138
Type 3S2_str	BOBJ1	237.37	Before	Interior Girder 2	45.31	0.95	1	1	4.107008
Type 3S2_str	BOBJ1	237.37	Before	Interior Girder 3	45.31	0.95	1	1	3.876652
Type 3S2_str	BOBJ1	237.37	Before	Interior Girder 4	45.31	0.95	1	1	3.876652
Type 3S2_str	BOBJ1	237.37	Before	Interior Girder 5	45.31	0.95	1	1	4.107008
Type 3S2_str	BOBJ1	237.37	Before	Interior Girder 6	45.31	0.95	1	1	4.323138
Type 3S2_str	BOBJ1	237.37	Before	Right Exterior Girder	45.31	0.95	1	1	5.926016
Type 3S2_str	BOBJ1	237.37	After	Left Exterior Girder	45.31	0.95	1	1	5.939141
Type 3S2_str	BOBJ1	237.37	After	Interior Girder 1	45.31	0.95	1	1	4.315484
Type 3S2_str	BOBJ1	237.37	After	Interior Girder 2	45.31	0.95	1	1	4.033052
Type 3S2_str	BOBJ1	237.37	After	Interior Girder 3	45.31	0.95	1	1	3.782308
Type 3S2_str	BOBJ1	237.37	After	Interior Girder 4	45.31	0.95	1	1	3.782308
Type 3S2_str	BOBJ1	237.37	After	Interior Girder 5	45.31	0.95	1	1	4.033052
Type 3S2_str	BOBJ1	237.37	After	Interior Girder 6	45.31	0.95	1	1	4.315484
Type 3S2_str	BOBJ1	237.37	After	Right Exterior Girder	45.31	0.95	1	1	5.939141
Type 3S2_str	BOBJ1	243.13	Before	Left Exterior Girder	51.07	0.95	1	1	11.082434
Type 3S2_str	BOBJ1	243.13	Before	Interior Girder 1	51.07	0.95	1	1	6.955615
Type 3S2_str	BOBJ1	243.13	Before	Interior Girder 2	51.07	0.95	1	1	6.647233
Type 3S2_str	BOBJ1	243.13	Before	Interior Girder 3	51.07	0.95	1	1	5.994078
Type 3S2_str	BOBJ1	243.13	Before	Interior Girder 4	51.07	0.95	1	1	5.994078
Type 3S2_str	BOBJ1	243.13	Before	Interior Girder 5	51.07	0.95	1	1	6.647233
Type 3S2_str	BOBJ1	243.13	Before	Interior Girder 6	51.07	0.95	1	1	6.955615
Type 3S2_str	BOBJ1	243.13	Before	Right Exterior Girder	51.07	0.95	1	1	11.082434
Type 3S2_str	BOBJ1	243.13	After	Left Exterior Girder	51.07	0.95	1	1	10.877502
Type 3S2_str	BOBJ1	243.13	After	Interior Girder 1	51.07	0.95	1	1	6.924513
Type 3S2_str	BOBJ1	243.13	After	Interior Girder 2	51.07	0.95	1	1	6.4919
Type 3S2_str	BOBJ1	243.13	After	Interior Girder 3	51.07	0.95	1	1	5.710501
Type 3S2_str	BOBJ1	243.13	After	Interior Girder 4	51.07	0.95	1	1	5.710501
Type 3S2_str	BOBJ1	243.13	After	Interior Girder 5	51.07	0.95	1	1	6.4919
Type 3S2_str	BOBJ1	243.13	After	Interior Girder 6	51.07	0.95	1	1	6.924513
Type 3S2_str	BOBJ1	243.13	After	Right Exterior Girder	51.07	0.95	1	1	10.877502
Type 3S2_str	BOBJ1	248.89	Before	Left Exterior Girder	56.83	0.95	1	1	582.161955
Type 3S2_str	BOBJ1	248.89	Before	Interior Girder 1	56.83	0.95	1	1	531.06486
Type 3S2_str	BOBJ1	248.89	Before	Interior Girder 2	56.83	0.95	1	1	338.012161
Type 3S2_str	BOBJ1	248.89	Before	Interior Girder 3	56.83	0.95	1	1	262.291033
Type 3S2_str	BOBJ1	248.89	Before	Interior Girder 4	56.83	0.95	1	1	262.291033
Type 3S2_str	BOBJ1	248.89	Before	Interior Girder 5	56.83	0.95	1	1	338.012161
Type 3S2_str	BOBJ1	248.89	Before	Interior Girder 6	56.83	0.95	1	1	531.064859
Type 3S2_str	BOBJ1	248.89	Before	Right Exterior Girder	56.83	0.95	1	1	582.161955
Type 3-3_str	BOBJ1	0	After	Left Exterior Girder	0	0.95	1	1	364.225953
Type 3-3_str	BOBJ1	0	After	Interior Girder 1	0	0.95	1	1	359.43972
Type 3-3_str	BOBJ1	0	After	Interior Girder 2	0	0.95	1	1	246.945097
Type 3-3_str	BOBJ1	0	After	Interior Girder 3	0	0.95	1	1	197.509909
Type 3-3_str	BOBJ1	0	After	Interior Girder 4	0	0.95	1	1	197.509909
Type 3-3_str	BOBJ1	0	After	Interior Girder 5	0	0.95	1	1	246.945096
Type 3-3_str	BOBJ1	0	After	Interior Girder 6	0	0.95	1	1	359.43972
Type 3-3_str	BOBJ1	0	After	Right Exterior Girder	0	0.95	1	1	364.225953
Type 3-3_str	BOBJ1	5.85	Before	Left Exterior Girder	5.85	0.95	1	1	8.222126
Type 3-3_str	BOBJ1	5.85	Before	Interior Girder 1	5.85	0.95	1	1	6.089323
Type 3-3_str	BOBJ1	5.85	Before	Interior Girder 2	5.85	0.95	1	1	5.621829
Type 3-3_str	BOBJ1	5.85	Before	Interior Girder 3	5.85	0.95	1	1	5.043852
Type 3-3_str	BOBJ1	5.85	Before	Interior Girder 4	5.85	0.95	1	1	5.043852
Type 3-3_str	BOBJ1	5.85	Before	Interior Girder 5	5.85	0.95	1	1	5.621829
Type 3-3_str	BOBJ1	5.85	Before	Interior Girder 6	5.85	0.95	1	1	6.089323
Type 3-3_str	BOBJ1	5.85	Before	Right Exterior Girder	5.85	0.95	1	1	8.222126
Type 3-3_str	BOBJ1	5.85	After	Left Exterior Girder	5.85	0.95	1	1	8.386797
Type 3-3_str	BOBJ1	5.85	After	Interior Girder 1	5.85	0.95	1	1	6.062692
Type 3-3_str	BOBJ1	5.85	After	Interior Girder 2	5.85	0.95	1	1	5.715886
Type 3-3_str	BOBJ1	5.85	After	Interior Girder 3	5.85	0.95	1	1	5.272744

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelINonCompStrgth-Flx - Approach, Span 12-1									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Type 3-3_str	BOBJ1	5.85	After	Interior Girder 4	5.85	0.95	1	1	5.272744
Type 3-3_str	BOBJ1	5.85	After	Interior Girder 5	5.85	0.95	1	1	5.715886
Type 3-3_str	BOBJ1	5.85	After	Interior Girder 6	5.85	0.95	1	1	6.062692
Type 3-3_str	BOBJ1	5.85	After	Right Exterior Girder	5.85	0.95	1	1	8.386797
Type 3-3_str	BOBJ1	11.4667	Before	Left Exterior Girder	11.4667	0.95	1	1	4.779409
Type 3-3_str	BOBJ1	11.4667	Before	Interior Girder 1	11.4667	0.95	1	1	3.547307
Type 3-3_str	BOBJ1	11.4667	Before	Interior Girder 2	11.4667	0.95	1	1	3.333422
Type 3-3_str	BOBJ1	11.4667	Before	Interior Girder 3	11.4667	0.95	1	1	3.142322
Type 3-3_str	BOBJ1	11.4667	Before	Interior Girder 4	11.4667	0.95	1	1	3.142322
Type 3-3_str	BOBJ1	11.4667	Before	Interior Girder 5	11.4667	0.95	1	1	3.333422
Type 3-3_str	BOBJ1	11.4667	Before	Interior Girder 6	11.4667	0.95	1	1	3.547307
Type 3-3_str	BOBJ1	11.4667	Before	Right Exterior Girder	11.4667	0.95	1	1	4.779409
Type 3-3_str	BOBJ1	11.4667	After	Left Exterior Girder	11.4667	0.95	1	1	4.860083
Type 3-3_str	BOBJ1	11.4667	After	Interior Girder 1	11.4667	0.95	1	1	3.516948
Type 3-3_str	BOBJ1	11.4667	After	Interior Girder 2	11.4667	0.95	1	1	3.371289
Type 3-3_str	BOBJ1	11.4667	After	Interior Girder 3	11.4667	0.95	1	1	3.21188
Type 3-3_str	BOBJ1	11.4667	After	Interior Girder 4	11.4667	0.95	1	1	3.21188
Type 3-3_str	BOBJ1	11.4667	After	Interior Girder 5	11.4667	0.95	1	1	3.371289
Type 3-3_str	BOBJ1	11.4667	After	Interior Girder 6	11.4667	0.95	1	1	3.516948
Type 3-3_str	BOBJ1	11.4667	After	Right Exterior Girder	11.4667	0.95	1	1	4.860083
Type 3-3_str	BOBJ1	17.0833	Before	Left Exterior Girder	17.0833	0.95	1	1	3.632845
Type 3-3_str	BOBJ1	17.0833	Before	Interior Girder 1	17.0833	0.95	1	1	2.847037
Type 3-3_str	BOBJ1	17.0833	Before	Interior Girder 2	17.0833	0.95	1	1	2.713241
Type 3-3_str	BOBJ1	17.0833	Before	Interior Girder 3	17.0833	0.95	1	1	2.603074
Type 3-3_str	BOBJ1	17.0833	Before	Interior Girder 4	17.0833	0.95	1	1	2.603074
Type 3-3_str	BOBJ1	17.0833	Before	Interior Girder 5	17.0833	0.95	1	1	2.713241
Type 3-3_str	BOBJ1	17.0833	Before	Interior Girder 6	17.0833	0.95	1	1	2.847037
Type 3-3_str	BOBJ1	17.0833	Before	Right Exterior Girder	17.0833	0.95	1	1	3.632845
Type 3-3_str	BOBJ1	17.0833	After	Left Exterior Girder	17.0833	0.95	1	1	3.641012
Type 3-3_str	BOBJ1	17.0833	After	Interior Girder 1	17.0833	0.95	1	1	2.848566
Type 3-3_str	BOBJ1	17.0833	After	Interior Girder 2	17.0833	0.95	1	1	2.743818
Type 3-3_str	BOBJ1	17.0833	After	Interior Girder 3	17.0833	0.95	1	1	2.643419
Type 3-3_str	BOBJ1	17.0833	After	Interior Girder 4	17.0833	0.95	1	1	2.643419
Type 3-3_str	BOBJ1	17.0833	After	Interior Girder 5	17.0833	0.95	1	1	2.743818
Type 3-3_str	BOBJ1	17.0833	After	Interior Girder 6	17.0833	0.95	1	1	2.848566
Type 3-3_str	BOBJ1	17.0833	After	Right Exterior Girder	17.0833	0.95	1	1	3.641012
Type 3-3_str	BOBJ1	22.7	Before	Left Exterior Girder	22.7	0.95	1	1	3.333395
Type 3-3_str	BOBJ1	22.7	Before	Interior Girder 1	22.7	0.95	1	1	2.881956
Type 3-3_str	BOBJ1	22.7	Before	Interior Girder 2	22.7	0.95	1	1	2.742447
Type 3-3_str	BOBJ1	22.7	Before	Interior Girder 3	22.7	0.95	1	1	2.652502
Type 3-3_str	BOBJ1	22.7	Before	Interior Girder 4	22.7	0.95	1	1	2.652502
Type 3-3_str	BOBJ1	22.7	Before	Interior Girder 5	22.7	0.95	1	1	2.742447
Type 3-3_str	BOBJ1	22.7	Before	Interior Girder 6	22.7	0.95	1	1	2.881956
Type 3-3_str	BOBJ1	22.7	Before	Right Exterior Girder	22.7	0.95	1	1	3.333395
Type 3-3_str	BOBJ1	22.7	After	Left Exterior Girder	22.7	0.95	1	1	3.347583
Type 3-3_str	BOBJ1	22.7	After	Interior Girder 1	22.7	0.95	1	1	2.873296
Type 3-3_str	BOBJ1	22.7	After	Interior Girder 2	22.7	0.95	1	1	2.74739
Type 3-3_str	BOBJ1	22.7	After	Interior Girder 3	22.7	0.95	1	1	2.656509
Type 3-3_str	BOBJ1	22.7	After	Interior Girder 4	22.7	0.95	1	1	2.656509
Type 3-3_str	BOBJ1	22.7	After	Interior Girder 5	22.7	0.95	1	1	2.74739
Type 3-3_str	BOBJ1	22.7	After	Interior Girder 6	22.7	0.95	1	1	2.873296
Type 3-3_str	BOBJ1	22.7	After	Right Exterior Girder	22.7	0.95	1	1	3.347583
Type 3-3_str	BOBJ1	28.3167	Before	Left Exterior Girder	28.3167	0.95	1	1	3.602792
Type 3-3_str	BOBJ1	28.3167	Before	Interior Girder 1	28.3167	0.95	1	1	2.948171
Type 3-3_str	BOBJ1	28.3167	Before	Interior Girder 2	28.3167	0.95	1	1	2.812282
Type 3-3_str	BOBJ1	28.3167	Before	Interior Girder 3	28.3167	0.95	1	1	2.733796
Type 3-3_str	BOBJ1	28.3167	Before	Interior Girder 4	28.3167	0.95	1	1	2.733796
Type 3-3_str	BOBJ1	28.3167	Before	Interior Girder 5	28.3167	0.95	1	1	2.812282
Type 3-3_str	BOBJ1	28.3167	Before	Interior Girder 6	28.3167	0.95	1	1	2.948171
Type 3-3_str	BOBJ1	28.3167	Before	Right Exterior Girder	28.3167	0.95	1	1	3.602792
Type 3-3_str	BOBJ1	28.3167	After	Left Exterior Girder	28.3167	0.95	1	1	3.609138
Type 3-3_str	BOBJ1	28.3167	After	Interior Girder 1	28.3167	0.95	1	1	2.937981
Type 3-3_str	BOBJ1	28.3167	After	Interior Girder 2	28.3167	0.95	1	1	2.797772
Type 3-3_str	BOBJ1	28.3167	After	Interior Girder 3	28.3167	0.95	1	1	2.710573
Type 3-3_str	BOBJ1	28.3167	After	Interior Girder 4	28.3167	0.95	1	1	2.710573

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelINonCompStrgth-Flx - Approach, Span 12-1									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Type 3-3_str	BOBJ1	28.3167	After	Interior Girder 5	28.3167	0.95	1	1	2.797772
Type 3-3_str	BOBJ1	28.3167	After	Interior Girder 6	28.3167	0.95	1	1	2.937981
Type 3-3_str	BOBJ1	28.3167	After	Right Exterior Girder	28.3167	0.95	1	1	3.609138
Type 3-3_str	BOBJ1	33.9333	Before	Left Exterior Girder	33.9333	0.95	1	1	4.47382
Type 3-3_str	BOBJ1	33.9333	Before	Interior Girder 1	33.9333	0.95	1	1	3.416473
Type 3-3_str	BOBJ1	33.9333	Before	Interior Girder 2	33.9333	0.95	1	1	3.234172
Type 3-3_str	BOBJ1	33.9333	Before	Interior Girder 3	33.9333	0.95	1	1	3.132659
Type 3-3_str	BOBJ1	33.9333	Before	Interior Girder 4	33.9333	0.95	1	1	3.132659
Type 3-3_str	BOBJ1	33.9333	Before	Interior Girder 5	33.9333	0.95	1	1	3.234172
Type 3-3_str	BOBJ1	33.9333	Before	Interior Girder 6	33.9333	0.95	1	1	3.416473
Type 3-3_str	BOBJ1	33.9333	Before	Right Exterior Girder	33.9333	0.95	1	1	4.47382
Type 3-3_str	BOBJ1	33.9333	After	Left Exterior Girder	33.9333	0.95	1	1	4.408454
Type 3-3_str	BOBJ1	33.9333	After	Interior Girder 1	33.9333	0.95	1	1	3.445122
Type 3-3_str	BOBJ1	33.9333	After	Interior Girder 2	33.9333	0.95	1	1	3.233406
Type 3-3_str	BOBJ1	33.9333	After	Interior Girder 3	33.9333	0.95	1	1	3.109262
Type 3-3_str	BOBJ1	33.9333	After	Interior Girder 4	33.9333	0.95	1	1	3.109262
Type 3-3_str	BOBJ1	33.9333	After	Interior Girder 5	33.9333	0.95	1	1	3.233406
Type 3-3_str	BOBJ1	33.9333	After	Interior Girder 6	33.9333	0.95	1	1	3.445122
Type 3-3_str	BOBJ1	33.9333	After	Right Exterior Girder	33.9333	0.95	1	1	4.408454
Type 3-3_str	BOBJ1	39.55	Before	Left Exterior Girder	39.55	0.95	1	1	5.999338
Type 3-3_str	BOBJ1	39.55	Before	Interior Girder 1	39.55	0.95	1	1	4.731204
Type 3-3_str	BOBJ1	39.55	Before	Interior Girder 2	39.55	0.95	1	1	4.373856
Type 3-3_str	BOBJ1	39.55	Before	Interior Girder 3	39.55	0.95	1	1	4.285219
Type 3-3_str	BOBJ1	39.55	Before	Interior Girder 4	39.55	0.95	1	1	4.285219
Type 3-3_str	BOBJ1	39.55	Before	Interior Girder 5	39.55	0.95	1	1	4.373856
Type 3-3_str	BOBJ1	39.55	Before	Interior Girder 6	39.55	0.95	1	1	4.731204
Type 3-3_str	BOBJ1	39.55	Before	Right Exterior Girder	39.55	0.95	1	1	5.999338
Type 3-3_str	BOBJ1	39.55	After	Left Exterior Girder	39.55	0.95	1	1	5.950033
Type 3-3_str	BOBJ1	39.55	After	Interior Girder 1	39.55	0.95	1	1	4.75583
Type 3-3_str	BOBJ1	39.55	After	Interior Girder 2	39.55	0.95	1	1	4.356766
Type 3-3_str	BOBJ1	39.55	After	Interior Girder 3	39.55	0.95	1	1	4.218011
Type 3-3_str	BOBJ1	39.55	After	Interior Girder 4	39.55	0.95	1	1	4.218011
Type 3-3_str	BOBJ1	39.55	After	Interior Girder 5	39.55	0.95	1	1	4.356766
Type 3-3_str	BOBJ1	39.55	After	Interior Girder 6	39.55	0.95	1	1	4.75583
Type 3-3_str	BOBJ1	39.55	After	Right Exterior Girder	39.55	0.95	1	1	5.950033
Type 3-3_str	BOBJ1	45.1733	Before	Left Exterior Girder	45.1226	0.95	1	1	5.093845
Type 3-3_str	BOBJ1	45.1733	Before	Interior Girder 1	45.1226	0.95	1	1	5.248885
Type 3-3_str	BOBJ1	45.1733	Before	Interior Girder 2	45.1226	0.95	1	1	5.044751
Type 3-3_str	BOBJ1	45.1733	Before	Interior Girder 3	45.1226	0.95	1	1	5.126743
Type 3-3_str	BOBJ1	45.1733	Before	Interior Girder 4	45.1226	0.95	1	1	5.126743
Type 3-3_str	BOBJ1	45.1733	Before	Interior Girder 5	45.1226	0.95	1	1	5.044751
Type 3-3_str	BOBJ1	45.1733	Before	Interior Girder 6	45.1226	0.95	1	1	5.248885
Type 3-3_str	BOBJ1	45.1733	Before	Right Exterior Girder	45.1226	0.95	1	1	5.093845
Type 3-3_str	BOBJ1	45.1733	After	Left Exterior Girder	45.1226	0.95	1	1	4.080185
Type 3-3_str	BOBJ1	45.1733	After	Interior Girder 1	45.1226	0.95	1	1	4.178985
Type 3-3_str	BOBJ1	45.1733	After	Interior Girder 2	45.1226	0.95	1	1	4.005614
Type 3-3_str	BOBJ1	45.1733	After	Interior Girder 3	45.1226	0.95	1	1	4.090096
Type 3-3_str	BOBJ1	45.1733	After	Interior Girder 4	45.1226	0.95	1	1	4.090096
Type 3-3_str	BOBJ1	45.1733	After	Interior Girder 5	45.1226	0.95	1	1	4.005614
Type 3-3_str	BOBJ1	45.1733	After	Interior Girder 6	45.1226	0.95	1	1	4.178985
Type 3-3_str	BOBJ1	45.1733	After	Right Exterior Girder	45.1226	0.95	1	1	4.080185
Type 3-3_str	BOBJ1	49.2561	Before	Left Exterior Girder	49.2561	0.95	1	1	2.881893
Type 3-3_str	BOBJ1	49.2561	Before	Right Exterior Girder	49.2561	0.95	1	1	2.881893
Type 3-3_str	BOBJ1	49.2561	After	Left Exterior Girder	49.2561	0.95	1	1	2.931463
Type 3-3_str	BOBJ1	49.2561	After	Right Exterior Girder	49.2561	0.95	1	1	2.931463
Type 3-3_str	BOBJ1	50.7967	Before	Left Exterior Girder	50.7967	0.95	1	1	6.136
Type 3-3_str	BOBJ1	50.7967	Before	Interior Girder 1	50.7967	0.95	1	1	2.953508
Type 3-3_str	BOBJ1	50.7967	Before	Interior Girder 2	50.7967	0.95	1	1	2.838776
Type 3-3_str	BOBJ1	50.7967	Before	Interior Girder 3	50.7967	0.95	1	1	2.688453
Type 3-3_str	BOBJ1	50.7967	Before	Interior Girder 4	50.7967	0.95	1	1	2.688453
Type 3-3_str	BOBJ1	50.7967	Before	Interior Girder 5	50.7967	0.95	1	1	2.838776
Type 3-3_str	BOBJ1	50.7967	Before	Interior Girder 6	50.7967	0.95	1	1	2.953508
Type 3-3_str	BOBJ1	50.7967	Before	Right Exterior Girder	50.7967	0.95	1	1	6.136
Type 3-3_str	BOBJ1	50.7967	After	Left Exterior Girder	50.7967	0.95	1	1	6.101595
Type 3-3_str	BOBJ1	50.7967	After	Interior Girder 1	50.7967	0.95	1	1	2.942554

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelINonCompStrgth-Flx - Approach, Span 12-1									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Type 3-3_str	BOBJ1	50.7967	After	Interior Girder 2	50.7967	0.95	1	1	2.817599
Type 3-3_str	BOBJ1	50.7967	After	Interior Girder 3	50.7967	0.95	1	1	2.680064
Type 3-3_str	BOBJ1	50.7967	After	Interior Girder 4	50.7967	0.95	1	1	2.680064
Type 3-3_str	BOBJ1	50.7967	After	Interior Girder 5	50.7967	0.95	1	1	2.817599
Type 3-3_str	BOBJ1	50.7967	After	Interior Girder 6	50.7967	0.95	1	1	2.942554
Type 3-3_str	BOBJ1	50.7967	After	Right Exterior Girder	50.7967	0.95	1	1	6.101595
Type 3-3_str	BOBJ1	51.3989	Before	Interior Girder 1	51.3989	0.95	1	1	2.80113
Type 3-3_str	BOBJ1	51.3989	Before	Interior Girder 2	51.3989	0.95	1	1	2.70432
Type 3-3_str	BOBJ1	51.3989	Before	Interior Girder 3	51.3989	0.95	1	1	2.545066
Type 3-3_str	BOBJ1	51.3989	Before	Interior Girder 4	51.3989	0.95	1	1	2.545066
Type 3-3_str	BOBJ1	51.3989	Before	Interior Girder 5	51.3989	0.95	1	1	2.70432
Type 3-3_str	BOBJ1	51.3989	Before	Interior Girder 6	51.3989	0.95	1	1	2.80113
Type 3-3_str	BOBJ1	51.3989	After	Interior Girder 1	51.3989	0.95	1	1	4.266491
Type 3-3_str	BOBJ1	51.3989	After	Interior Girder 2	51.3989	0.95	1	1	4.084143
Type 3-3_str	BOBJ1	51.3989	After	Interior Girder 3	51.3989	0.95	1	1	3.895206
Type 3-3_str	BOBJ1	51.3989	After	Interior Girder 4	51.3989	0.95	1	1	3.895206
Type 3-3_str	BOBJ1	51.3989	After	Interior Girder 5	51.3989	0.95	1	1	4.084143
Type 3-3_str	BOBJ1	51.3989	After	Interior Girder 6	51.3989	0.95	1	1	4.266491
Type 3-3_str	BOBJ1	56.42	Before	Left Exterior Girder	56.42	0.95	1	1	3.882033
Type 3-3_str	BOBJ1	56.42	Before	Interior Girder 1	56.42	0.95	1	1	2.507882
Type 3-3_str	BOBJ1	56.42	Before	Interior Girder 2	56.42	0.95	1	1	2.441191
Type 3-3_str	BOBJ1	56.42	Before	Interior Girder 3	56.42	0.95	1	1	2.004621
Type 3-3_str	BOBJ1	56.42	Before	Interior Girder 4	56.42	0.95	1	1	2.004621
Type 3-3_str	BOBJ1	56.42	Before	Interior Girder 5	56.42	0.95	1	1	2.441191
Type 3-3_str	BOBJ1	56.42	Before	Interior Girder 6	56.42	0.95	1	1	2.507882
Type 3-3_str	BOBJ1	56.42	Before	Right Exterior Girder	56.42	0.95	1	1	3.882033
Type 3-3_str	BOBJ1	56.42	After	Left Exterior Girder	0	0.95	1	1	4.020169
Type 3-3_str	BOBJ1	56.42	After	Interior Girder 1	0	0.95	1	1	2.490958
Type 3-3_str	BOBJ1	56.42	After	Interior Girder 2	0	0.95	1	1	2.42729
Type 3-3_str	BOBJ1	56.42	After	Interior Girder 3	0	0.95	1	1	2.005563
Type 3-3_str	BOBJ1	56.42	After	Interior Girder 4	0	0.95	1	1	2.005563
Type 3-3_str	BOBJ1	56.42	After	Interior Girder 5	0	0.95	1	1	2.42729
Type 3-3_str	BOBJ1	56.42	After	Interior Girder 6	0	0.95	1	1	2.490958
Type 3-3_str	BOBJ1	56.42	After	Right Exterior Girder	0	0.95	1	1	4.020169
Type 3-3_str	BOBJ1	62.0367	Before	Left Exterior Girder	5.6167	0.95	1	1	8.51525
Type 3-3_str	BOBJ1	62.0367	Before	Interior Girder 1	5.6167	0.95	1	1	5.68343
Type 3-3_str	BOBJ1	62.0367	Before	Interior Girder 2	5.6167	0.95	1	1	5.286499
Type 3-3_str	BOBJ1	62.0367	Before	Interior Girder 3	5.6167	0.95	1	1	4.784859
Type 3-3_str	BOBJ1	62.0367	Before	Interior Girder 4	5.6167	0.95	1	1	4.784859
Type 3-3_str	BOBJ1	62.0367	Before	Interior Girder 5	5.6167	0.95	1	1	5.286499
Type 3-3_str	BOBJ1	62.0367	Before	Interior Girder 6	5.6167	0.95	1	1	5.68343
Type 3-3_str	BOBJ1	62.0367	Before	Right Exterior Girder	5.6167	0.95	1	1	8.51525
Type 3-3_str	BOBJ1	62.0367	After	Left Exterior Girder	5.6167	0.95	1	1	8.390978
Type 3-3_str	BOBJ1	62.0367	After	Interior Girder 1	5.6167	0.95	1	1	5.83789
Type 3-3_str	BOBJ1	62.0367	After	Interior Girder 2	5.6167	0.95	1	1	5.332286
Type 3-3_str	BOBJ1	62.0367	After	Interior Girder 3	5.6167	0.95	1	1	4.785297
Type 3-3_str	BOBJ1	62.0367	After	Interior Girder 4	5.6167	0.95	1	1	4.785297
Type 3-3_str	BOBJ1	62.0367	After	Interior Girder 5	5.6167	0.95	1	1	5.332286
Type 3-3_str	BOBJ1	62.0367	After	Interior Girder 6	5.6167	0.95	1	1	5.83789
Type 3-3_str	BOBJ1	62.0367	After	Right Exterior Girder	5.6167	0.95	1	1	8.390978
Type 3-3_str	BOBJ1	62.4203	Before	Interior Girder 1	6.0003	0.95	1	1	6.058949
Type 3-3_str	BOBJ1	62.4203	Before	Interior Girder 2	6.0003	0.95	1	1	5.521616
Type 3-3_str	BOBJ1	62.4203	Before	Interior Girder 3	6.0003	0.95	1	1	5.043824
Type 3-3_str	BOBJ1	62.4203	Before	Interior Girder 4	6.0003	0.95	1	1	5.043824
Type 3-3_str	BOBJ1	62.4203	Before	Interior Girder 5	6.0003	0.95	1	1	5.521616
Type 3-3_str	BOBJ1	62.4203	Before	Interior Girder 6	6.0003	0.95	1	1	6.058949
Type 3-3_str	BOBJ1	62.4203	After	Interior Girder 1	6.0003	0.95	1	1	3.965337
Type 3-3_str	BOBJ1	62.4203	After	Interior Girder 2	6.0003	0.95	1	1	3.635065
Type 3-3_str	BOBJ1	62.4203	After	Interior Girder 3	6.0003	0.95	1	1	3.231428
Type 3-3_str	BOBJ1	62.4203	After	Interior Girder 4	6.0003	0.95	1	1	3.231428
Type 3-3_str	BOBJ1	62.4203	After	Interior Girder 5	6.0003	0.95	1	1	3.635065
Type 3-3_str	BOBJ1	62.4203	After	Interior Girder 6	6.0003	0.95	1	1	3.965337
Type 3-3_str	BOBJ1	64.9204	Before	Left Exterior Girder	8.5004	0.95	1	1	9.75151
Type 3-3_str	BOBJ1	64.9204	Before	Right Exterior Girder	8.5004	0.95	1	1	9.75151
Type 3-3_str	BOBJ1	64.9204	After	Left Exterior Girder	8.5004	0.95	1	1	4.405181

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelINonCompStrgth-Flx - Approach, Span 12-1									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Type 3-3_str	BOBJ1	64.9204	After	Right Exterior Girder	8.5004	0.95	1	1	4.405181
Type 3-3_str	BOBJ1	67.6533	Before	Left Exterior Girder	11.2333	0.95	1	1	5.490476
Type 3-3_str	BOBJ1	67.6533	Before	Interior Girder 1	11.2333	0.95	1	1	5.492706
Type 3-3_str	BOBJ1	67.6533	Before	Interior Girder 2	11.2333	0.95	1	1	5.177447
Type 3-3_str	BOBJ1	67.6533	Before	Interior Girder 3	11.2333	0.95	1	1	5.156291
Type 3-3_str	BOBJ1	67.6533	Before	Interior Girder 4	11.2333	0.95	1	1	5.156291
Type 3-3_str	BOBJ1	67.6533	Before	Interior Girder 5	11.2333	0.95	1	1	5.177447
Type 3-3_str	BOBJ1	67.6533	Before	Interior Girder 6	11.2333	0.95	1	1	5.492706
Type 3-3_str	BOBJ1	67.6533	Before	Right Exterior Girder	11.2333	0.95	1	1	5.490476
Type 3-3_str	BOBJ1	67.6533	After	Left Exterior Girder	11.2333	0.95	1	1	5.425612
Type 3-3_str	BOBJ1	67.6533	After	Interior Girder 1	11.2333	0.95	1	1	5.547813
Type 3-3_str	BOBJ1	67.6533	After	Interior Girder 2	11.2333	0.95	1	1	5.256839
Type 3-3_str	BOBJ1	67.6533	After	Interior Girder 3	11.2333	0.95	1	1	5.207974
Type 3-3_str	BOBJ1	67.6533	After	Interior Girder 4	11.2333	0.95	1	1	5.207974
Type 3-3_str	BOBJ1	67.6533	After	Interior Girder 5	11.2333	0.95	1	1	5.256839
Type 3-3_str	BOBJ1	67.6533	After	Interior Girder 6	11.2333	0.95	1	1	5.547813
Type 3-3_str	BOBJ1	67.6533	After	Right Exterior Girder	11.2333	0.95	1	1	5.425612
Type 3-3_str	BOBJ1	73.27	Before	Left Exterior Girder	16.85	0.95	1	1	5.733685
Type 3-3_str	BOBJ1	73.27	Before	Interior Girder 1	16.85	0.95	1	1	4.699089
Type 3-3_str	BOBJ1	73.27	Before	Interior Girder 2	16.85	0.95	1	1	4.223232
Type 3-3_str	BOBJ1	73.27	Before	Interior Girder 3	16.85	0.95	1	1	4.077452
Type 3-3_str	BOBJ1	73.27	Before	Interior Girder 4	16.85	0.95	1	1	4.077452
Type 3-3_str	BOBJ1	73.27	Before	Interior Girder 5	16.85	0.95	1	1	4.223232
Type 3-3_str	BOBJ1	73.27	Before	Interior Girder 6	16.85	0.95	1	1	4.699089
Type 3-3_str	BOBJ1	73.27	Before	Right Exterior Girder	16.85	0.95	1	1	5.733685
Type 3-3_str	BOBJ1	73.27	After	Left Exterior Girder	16.85	0.95	1	1	5.850861
Type 3-3_str	BOBJ1	73.27	After	Interior Girder 1	16.85	0.95	1	1	4.629885
Type 3-3_str	BOBJ1	73.27	After	Interior Girder 2	16.85	0.95	1	1	4.218848
Type 3-3_str	BOBJ1	73.27	After	Interior Girder 3	16.85	0.95	1	1	4.130427
Type 3-3_str	BOBJ1	73.27	After	Interior Girder 4	16.85	0.95	1	1	4.130427
Type 3-3_str	BOBJ1	73.27	After	Interior Girder 5	16.85	0.95	1	1	4.218848
Type 3-3_str	BOBJ1	73.27	After	Interior Girder 6	16.85	0.95	1	1	4.629885
Type 3-3_str	BOBJ1	73.27	After	Right Exterior Girder	16.85	0.95	1	1	5.850861
Type 3-3_str	BOBJ1	78.8867	Before	Left Exterior Girder	22.4667	0.95	1	1	3.824146
Type 3-3_str	BOBJ1	78.8867	Before	Interior Girder 1	22.4667	0.95	1	1	3.119388
Type 3-3_str	BOBJ1	78.8867	Before	Interior Girder 2	22.4667	0.95	1	1	2.924453
Type 3-3_str	BOBJ1	78.8867	Before	Interior Girder 3	22.4667	0.95	1	1	2.801399
Type 3-3_str	BOBJ1	78.8867	Before	Interior Girder 4	22.4667	0.95	1	1	2.801399
Type 3-3_str	BOBJ1	78.8867	Before	Interior Girder 5	22.4667	0.95	1	1	2.924453
Type 3-3_str	BOBJ1	78.8867	Before	Interior Girder 6	22.4667	0.95	1	1	3.119388
Type 3-3_str	BOBJ1	78.8867	Before	Right Exterior Girder	22.4667	0.95	1	1	3.824146
Type 3-3_str	BOBJ1	78.8867	After	Left Exterior Girder	22.4667	0.95	1	1	3.910319
Type 3-3_str	BOBJ1	78.8867	After	Interior Girder 1	22.4667	0.95	1	1	3.08
Type 3-3_str	BOBJ1	78.8867	After	Interior Girder 2	22.4667	0.95	1	1	2.914957
Type 3-3_str	BOBJ1	78.8867	After	Interior Girder 3	22.4667	0.95	1	1	2.824211
Type 3-3_str	BOBJ1	78.8867	After	Interior Girder 4	22.4667	0.95	1	1	2.824211
Type 3-3_str	BOBJ1	78.8867	After	Interior Girder 5	22.4667	0.95	1	1	2.914957
Type 3-3_str	BOBJ1	78.8867	After	Interior Girder 6	22.4667	0.95	1	1	3.08
Type 3-3_str	BOBJ1	78.8867	After	Right Exterior Girder	22.4667	0.95	1	1	3.910319
Type 3-3_str	BOBJ1	84.5033	Before	Left Exterior Girder	28.0833	0.95	1	1	3.052834
Type 3-3_str	BOBJ1	84.5033	Before	Interior Girder 1	28.0833	0.95	1	1	2.609289
Type 3-3_str	BOBJ1	84.5033	Before	Interior Girder 2	28.0833	0.95	1	1	2.465714
Type 3-3_str	BOBJ1	84.5033	Before	Interior Girder 3	28.0833	0.95	1	1	2.37812
Type 3-3_str	BOBJ1	84.5033	Before	Interior Girder 4	28.0833	0.95	1	1	2.37812
Type 3-3_str	BOBJ1	84.5033	Before	Interior Girder 5	28.0833	0.95	1	1	2.465714
Type 3-3_str	BOBJ1	84.5033	Before	Interior Girder 6	28.0833	0.95	1	1	2.609289
Type 3-3_str	BOBJ1	84.5033	Before	Right Exterior Girder	28.0833	0.95	1	1	3.052834
Type 3-3_str	BOBJ1	84.5033	After	Left Exterior Girder	28.0833	0.95	1	1	3.061264
Type 3-3_str	BOBJ1	84.5033	After	Interior Girder 1	28.0833	0.95	1	1	2.612177
Type 3-3_str	BOBJ1	84.5033	After	Interior Girder 2	28.0833	0.95	1	1	2.477813
Type 3-3_str	BOBJ1	84.5033	After	Interior Girder 3	28.0833	0.95	1	1	2.396687
Type 3-3_str	BOBJ1	84.5033	After	Interior Girder 4	28.0833	0.95	1	1	2.396687
Type 3-3_str	BOBJ1	84.5033	After	Interior Girder 5	28.0833	0.95	1	1	2.477813
Type 3-3_str	BOBJ1	84.5033	After	Interior Girder 6	28.0833	0.95	1	1	2.612177
Type 3-3_str	BOBJ1	84.5033	After	Right Exterior Girder	28.0833	0.95	1	1	3.061264

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelINonCompStrgth-Flx - Approach, Span 12-1									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Type 3-3_str	BOBJ1	90.12	Before	Left Exterior Girder	33.7	0.95	1	1	2.706563
Type 3-3_str	BOBJ1	90.12	Before	Interior Girder 1	33.7	0.95	1	1	2.612721
Type 3-3_str	BOBJ1	90.12	Before	Interior Girder 2	33.7	0.95	1	1	2.475489
Type 3-3_str	BOBJ1	90.12	Before	Interior Girder 3	33.7	0.95	1	1	2.421255
Type 3-3_str	BOBJ1	90.12	Before	Interior Girder 4	33.7	0.95	1	1	2.421255
Type 3-3_str	BOBJ1	90.12	Before	Interior Girder 5	33.7	0.95	1	1	2.475489
Type 3-3_str	BOBJ1	90.12	Before	Interior Girder 6	33.7	0.95	1	1	2.612721
Type 3-3_str	BOBJ1	90.12	Before	Right Exterior Girder	33.7	0.95	1	1	2.706563
Type 3-3_str	BOBJ1	90.12	After	Left Exterior Girder	33.7	0.95	1	1	2.714991
Type 3-3_str	BOBJ1	90.12	After	Interior Girder 1	33.7	0.95	1	1	2.605793
Type 3-3_str	BOBJ1	90.12	After	Interior Girder 2	33.7	0.95	1	1	2.471449
Type 3-3_str	BOBJ1	90.12	After	Interior Girder 3	33.7	0.95	1	1	2.415253
Type 3-3_str	BOBJ1	90.12	After	Interior Girder 4	33.7	0.95	1	1	2.415253
Type 3-3_str	BOBJ1	90.12	After	Interior Girder 5	33.7	0.95	1	1	2.471449
Type 3-3_str	BOBJ1	90.12	After	Interior Girder 6	33.7	0.95	1	1	2.605793
Type 3-3_str	BOBJ1	90.12	After	Right Exterior Girder	33.7	0.95	1	1	2.714991
Type 3-3_str	BOBJ1	95.7367	Before	Left Exterior Girder	39.3167	0.95	1	1	3.029357
Type 3-3_str	BOBJ1	95.7367	Before	Interior Girder 1	39.3167	0.95	1	1	2.596019
Type 3-3_str	BOBJ1	95.7367	Before	Interior Girder 2	39.3167	0.95	1	1	2.462604
Type 3-3_str	BOBJ1	95.7367	Before	Interior Girder 3	39.3167	0.95	1	1	2.384593
Type 3-3_str	BOBJ1	95.7367	Before	Interior Girder 4	39.3167	0.95	1	1	2.384593
Type 3-3_str	BOBJ1	95.7367	Before	Interior Girder 5	39.3167	0.95	1	1	2.462604
Type 3-3_str	BOBJ1	95.7367	Before	Interior Girder 6	39.3167	0.95	1	1	2.596019
Type 3-3_str	BOBJ1	95.7367	Before	Right Exterior Girder	39.3167	0.95	1	1	3.029357
Type 3-3_str	BOBJ1	95.7367	After	Left Exterior Girder	39.3167	0.95	1	1	3.02361
Type 3-3_str	BOBJ1	95.7367	After	Interior Girder 1	39.3167	0.95	1	1	2.591821
Type 3-3_str	BOBJ1	95.7367	After	Interior Girder 2	39.3167	0.95	1	1	2.450624
Type 3-3_str	BOBJ1	95.7367	After	Interior Girder 3	39.3167	0.95	1	1	2.36708
Type 3-3_str	BOBJ1	95.7367	After	Interior Girder 4	39.3167	0.95	1	1	2.36708
Type 3-3_str	BOBJ1	95.7367	After	Interior Girder 5	39.3167	0.95	1	1	2.450624
Type 3-3_str	BOBJ1	95.7367	After	Interior Girder 6	39.3167	0.95	1	1	2.591821
Type 3-3_str	BOBJ1	95.7367	After	Right Exterior Girder	39.3167	0.95	1	1	3.02361
Type 3-3_str	BOBJ1	101.3533	Before	Left Exterior Girder	44.9333	0.95	1	1	3.816098
Type 3-3_str	BOBJ1	101.3533	Before	Interior Girder 1	44.9333	0.95	1	1	3.040326
Type 3-3_str	BOBJ1	101.3533	Before	Interior Girder 2	44.9333	0.95	1	1	2.87829
Type 3-3_str	BOBJ1	101.3533	Before	Interior Girder 3	44.9333	0.95	1	1	2.796207
Type 3-3_str	BOBJ1	101.3533	Before	Interior Girder 4	44.9333	0.95	1	1	2.796207
Type 3-3_str	BOBJ1	101.3533	Before	Interior Girder 5	44.9333	0.95	1	1	2.87829
Type 3-3_str	BOBJ1	101.3533	Before	Interior Girder 6	44.9333	0.95	1	1	3.040326
Type 3-3_str	BOBJ1	101.3533	Before	Right Exterior Girder	44.9333	0.95	1	1	3.816098
Type 3-3_str	BOBJ1	101.3533	After	Left Exterior Girder	44.9333	0.95	1	1	3.735388
Type 3-3_str	BOBJ1	101.3533	After	Interior Girder 1	44.9333	0.95	1	1	3.077087
Type 3-3_str	BOBJ1	101.3533	After	Interior Girder 2	44.9333	0.95	1	1	2.888238
Type 3-3_str	BOBJ1	101.3533	After	Interior Girder 3	44.9333	0.95	1	1	2.775431
Type 3-3_str	BOBJ1	101.3533	After	Interior Girder 4	44.9333	0.95	1	1	2.775431
Type 3-3_str	BOBJ1	101.3533	After	Interior Girder 5	44.9333	0.95	1	1	2.888238
Type 3-3_str	BOBJ1	101.3533	After	Interior Girder 6	44.9333	0.95	1	1	3.077087
Type 3-3_str	BOBJ1	101.3533	After	Right Exterior Girder	44.9333	0.95	1	1	3.735388
Type 3-3_str	BOBJ1	106.97	Before	Left Exterior Girder	50.55	0.95	1	1	5.56106
Type 3-3_str	BOBJ1	106.97	Before	Interior Girder 1	50.55	0.95	1	1	4.514481
Type 3-3_str	BOBJ1	106.97	Before	Interior Girder 2	50.55	0.95	1	1	4.113003
Type 3-3_str	BOBJ1	106.97	Before	Interior Girder 3	50.55	0.95	1	1	4.051959
Type 3-3_str	BOBJ1	106.97	Before	Interior Girder 4	50.55	0.95	1	1	4.051959
Type 3-3_str	BOBJ1	106.97	Before	Interior Girder 5	50.55	0.95	1	1	4.113003
Type 3-3_str	BOBJ1	106.97	Before	Interior Girder 6	50.55	0.95	1	1	4.514481
Type 3-3_str	BOBJ1	106.97	Before	Right Exterior Girder	50.55	0.95	1	1	5.56106
Type 3-3_str	BOBJ1	106.97	After	Left Exterior Girder	50.55	0.95	1	1	5.500399
Type 3-3_str	BOBJ1	106.97	After	Interior Girder 1	50.55	0.95	1	1	4.548752
Type 3-3_str	BOBJ1	106.97	After	Interior Girder 2	50.55	0.95	1	1	4.104069
Type 3-3_str	BOBJ1	106.97	After	Interior Girder 3	50.55	0.95	1	1	3.988529
Type 3-3_str	BOBJ1	106.97	After	Interior Girder 4	50.55	0.95	1	1	3.988529
Type 3-3_str	BOBJ1	106.97	After	Interior Girder 5	50.55	0.95	1	1	4.104069
Type 3-3_str	BOBJ1	106.97	After	Interior Girder 6	50.55	0.95	1	1	4.548752
Type 3-3_str	BOBJ1	106.97	After	Right Exterior Girder	50.55	0.95	1	1	5.500399
Type 3-3_str	BOBJ1	112.5933	Before	Left Exterior Girder	56.1733	0.95	1	1	4.111019

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelINonCompStrgth-Flx - Approach, Span 12-1									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Type 3-3_str	BOBJ1	112.5933	Before	Interior Girder 1	56.1733	0.95	1	1	4.338815
Type 3-3_str	BOBJ1	112.5933	Before	Interior Girder 2	56.1733	0.95	1	1	4.1493
Type 3-3_str	BOBJ1	112.5933	Before	Interior Girder 3	56.1733	0.95	1	1	4.183444
Type 3-3_str	BOBJ1	112.5933	Before	Interior Girder 4	56.1733	0.95	1	1	4.183444
Type 3-3_str	BOBJ1	112.5933	Before	Interior Girder 5	56.1733	0.95	1	1	4.1493
Type 3-3_str	BOBJ1	112.5933	Before	Interior Girder 6	56.1733	0.95	1	1	4.338815
Type 3-3_str	BOBJ1	112.5933	Before	Right Exterior Girder	56.1733	0.95	1	1	4.111019
Type 3-3_str	BOBJ1	112.5933	After	Left Exterior Girder	56.1733	0.95	1	1	4.154885
Type 3-3_str	BOBJ1	112.5933	After	Interior Girder 1	56.1733	0.95	1	1	4.303831
Type 3-3_str	BOBJ1	112.5933	After	Interior Girder 2	56.1733	0.95	1	1	4.105032
Type 3-3_str	BOBJ1	112.5933	After	Interior Girder 3	56.1733	0.95	1	1	4.156765
Type 3-3_str	BOBJ1	112.5933	After	Interior Girder 4	56.1733	0.95	1	1	4.156765
Type 3-3_str	BOBJ1	112.5933	After	Interior Girder 5	56.1733	0.95	1	1	4.105032
Type 3-3_str	BOBJ1	112.5933	After	Interior Girder 6	56.1733	0.95	1	1	4.303831
Type 3-3_str	BOBJ1	112.5933	After	Right Exterior Girder	56.1733	0.95	1	1	4.154885
Type 3-3_str	BOBJ1	115.3396	Before	Left Exterior Girder	58.9196	0.95	1	1	3.31334
Type 3-3_str	BOBJ1	115.3396	Before	Right Exterior Girder	58.9196	0.95	1	1	3.31334
Type 3-3_str	BOBJ1	115.3396	After	Left Exterior Girder	58.9196	0.95	1	1	7.401654
Type 3-3_str	BOBJ1	115.3396	After	Right Exterior Girder	58.9196	0.95	1	1	7.401654
Type 3-3_str	BOBJ1	118.2167	Before	Left Exterior Girder	61.7967	0.95	1	1	6.372606
Type 3-3_str	BOBJ1	118.2167	Before	Interior Girder 1	61.9198	0.95	1	1	2.998194
Type 3-3_str	BOBJ1	118.2167	Before	Interior Girder 2	61.9198	0.95	1	1	2.900093
Type 3-3_str	BOBJ1	118.2167	Before	Interior Girder 3	61.9198	0.95	1	1	2.715348
Type 3-3_str	BOBJ1	118.2167	Before	Interior Girder 4	61.9198	0.95	1	1	2.715348
Type 3-3_str	BOBJ1	118.2167	Before	Interior Girder 5	61.9198	0.95	1	1	2.900093
Type 3-3_str	BOBJ1	118.2167	Before	Interior Girder 6	61.9198	0.95	1	1	2.998194
Type 3-3_str	BOBJ1	118.2167	Before	Right Exterior Girder	61.7967	0.95	1	1	6.372606
Type 3-3_str	BOBJ1	118.2167	After	Left Exterior Girder	61.7967	0.95	1	1	6.405315
Type 3-3_str	BOBJ1	118.2167	After	Interior Girder 1	61.9198	0.95	1	1	4.608092
Type 3-3_str	BOBJ1	118.2167	After	Interior Girder 2	61.9198	0.95	1	1	4.356649
Type 3-3_str	BOBJ1	118.2167	After	Interior Girder 3	61.9198	0.95	1	1	4.141313
Type 3-3_str	BOBJ1	118.2167	After	Interior Girder 4	61.9198	0.95	1	1	4.141313
Type 3-3_str	BOBJ1	118.2167	After	Interior Girder 5	61.9198	0.95	1	1	4.356649
Type 3-3_str	BOBJ1	118.2167	After	Interior Girder 6	61.9198	0.95	1	1	4.608092
Type 3-3_str	BOBJ1	118.2167	After	Right Exterior Girder	61.7967	0.95	1	1	6.405315
Type 3-3_str	BOBJ1	123.84	Before	Left Exterior Girder	67.42	0.95	1	1	3.849795
Type 3-3_str	BOBJ1	123.84	Before	Interior Girder 1	67.42	0.95	1	1	2.448447
Type 3-3_str	BOBJ1	123.84	Before	Interior Girder 2	67.42	0.95	1	1	2.373218
Type 3-3_str	BOBJ1	123.84	Before	Interior Girder 3	67.42	0.95	1	1	1.957616
Type 3-3_str	BOBJ1	123.84	Before	Interior Girder 4	67.42	0.95	1	1	1.957616
Type 3-3_str	BOBJ1	123.84	Before	Interior Girder 5	67.42	0.95	1	1	2.373218
Type 3-3_str	BOBJ1	123.84	Before	Interior Girder 6	67.42	0.95	1	1	2.448447
Type 3-3_str	BOBJ1	123.84	Before	Right Exterior Girder	67.42	0.95	1	1	3.849795
Type 3-3_str	BOBJ1	123.84	After	Left Exterior Girder	0	0.95	1	1	4.142002
Type 3-3_str	BOBJ1	123.84	After	Interior Girder 1	0	0.95	1	1	2.623087
Type 3-3_str	BOBJ1	123.84	After	Interior Girder 2	0	0.95	1	1	2.535336
Type 3-3_str	BOBJ1	123.84	After	Interior Girder 3	0	0.95	1	1	2.088961
Type 3-3_str	BOBJ1	123.84	After	Interior Girder 4	0	0.95	1	1	2.088961
Type 3-3_str	BOBJ1	123.84	After	Interior Girder 5	0	0.95	1	1	2.535336
Type 3-3_str	BOBJ1	123.84	After	Interior Girder 6	0	0.95	1	1	2.623087
Type 3-3_str	BOBJ1	123.84	After	Right Exterior Girder	0	0.95	1	1	4.142002
Type 3-3_str	BOBJ1	129.34	Before	Interior Girder 1	5.5	0.95	1	1	4.937085
Type 3-3_str	BOBJ1	129.34	Before	Interior Girder 2	5.5	0.95	1	1	4.690794
Type 3-3_str	BOBJ1	129.34	Before	Interior Girder 3	5.5	0.95	1	1	4.465701
Type 3-3_str	BOBJ1	129.34	Before	Interior Girder 4	5.5	0.95	1	1	4.465701
Type 3-3_str	BOBJ1	129.34	Before	Interior Girder 5	5.5	0.95	1	1	4.690794
Type 3-3_str	BOBJ1	129.34	Before	Interior Girder 6	5.5	0.95	1	1	4.937085
Type 3-3_str	BOBJ1	129.34	After	Interior Girder 1	5.5	0.95	1	1	3.277164
Type 3-3_str	BOBJ1	129.34	After	Interior Girder 2	5.5	0.95	1	1	3.129442
Type 3-3_str	BOBJ1	129.34	After	Interior Girder 3	5.5	0.95	1	1	2.941365
Type 3-3_str	BOBJ1	129.34	After	Interior Girder 4	5.5	0.95	1	1	2.941365
Type 3-3_str	BOBJ1	129.34	After	Interior Girder 5	5.5	0.95	1	1	3.129442
Type 3-3_str	BOBJ1	129.34	After	Interior Girder 6	5.5	0.95	1	1	3.277164
Type 3-3_str	BOBJ1	130.79	Before	Left Exterior Girder	6.95	0.95	1	1	7.369742
Type 3-3_str	BOBJ1	130.79	Before	Interior Girder 1	6.95	0.95	1	1	3.63856

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelINonCompStrgth-Flx - Approach, Span 12-1									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Type 3-3_str	BOBJ1	130.79	Before	Interior Girder 2	6.95	0.95	1	1	3.430824
Type 3-3_str	BOBJ1	130.79	Before	Interior Girder 3	6.95	0.95	1	1	3.316027
Type 3-3_str	BOBJ1	130.79	Before	Interior Girder 4	6.95	0.95	1	1	3.316027
Type 3-3_str	BOBJ1	130.79	Before	Interior Girder 5	6.95	0.95	1	1	3.430824
Type 3-3_str	BOBJ1	130.79	Before	Interior Girder 6	6.95	0.95	1	1	3.63856
Type 3-3_str	BOBJ1	130.79	Before	Right Exterior Girder	6.95	0.95	1	1	7.369742
Type 3-3_str	BOBJ1	130.79	After	Left Exterior Girder	6.95	0.95	1	1	7.420605
Type 3-3_str	BOBJ1	130.79	After	Interior Girder 1	6.95	0.95	1	1	3.62714
Type 3-3_str	BOBJ1	130.79	After	Interior Girder 2	6.95	0.95	1	1	3.462717
Type 3-3_str	BOBJ1	130.79	After	Interior Girder 3	6.95	0.95	1	1	3.335835
Type 3-3_str	BOBJ1	130.79	After	Interior Girder 4	6.95	0.95	1	1	3.335835
Type 3-3_str	BOBJ1	130.79	After	Interior Girder 5	6.95	0.95	1	1	3.462717
Type 3-3_str	BOBJ1	130.79	After	Interior Girder 6	6.95	0.95	1	1	3.62714
Type 3-3_str	BOBJ1	130.79	After	Right Exterior Girder	6.95	0.95	1	1	7.420605
Type 3-3_str	BOBJ1	132.34	Before	Left Exterior Girder	8.5	0.95	1	1	8.06209
Type 3-3_str	BOBJ1	132.34	Before	Right Exterior Girder	8.5	0.95	1	1	8.06209
Type 3-3_str	BOBJ1	132.34	After	Left Exterior Girder	8.5	0.95	1	1	3.599012
Type 3-3_str	BOBJ1	132.34	After	Right Exterior Girder	8.5	0.95	1	1	3.599012
Type 3-3_str	BOBJ1	137.74	Before	Left Exterior Girder	13.9	0.95	1	1	5.313099
Type 3-3_str	BOBJ1	137.74	Before	Interior Girder 1	13.9	0.95	1	1	5.35062
Type 3-3_str	BOBJ1	137.74	Before	Interior Girder 2	13.9	0.95	1	1	5.146357
Type 3-3_str	BOBJ1	137.74	Before	Interior Girder 3	13.9	0.95	1	1	5.138164
Type 3-3_str	BOBJ1	137.74	Before	Interior Girder 4	13.9	0.95	1	1	5.138164
Type 3-3_str	BOBJ1	137.74	Before	Interior Girder 5	13.9	0.95	1	1	5.146357
Type 3-3_str	BOBJ1	137.74	Before	Interior Girder 6	13.9	0.95	1	1	5.35062
Type 3-3_str	BOBJ1	137.74	Before	Right Exterior Girder	13.9	0.95	1	1	5.313099
Type 3-3_str	BOBJ1	137.74	After	Left Exterior Girder	13.9	0.95	1	1	5.789018
Type 3-3_str	BOBJ1	137.74	After	Interior Girder 1	13.9	0.95	1	1	5.928287
Type 3-3_str	BOBJ1	137.74	After	Interior Girder 2	13.9	0.95	1	1	5.339962
Type 3-3_str	BOBJ1	137.74	After	Interior Girder 3	13.9	0.95	1	1	5.238128
Type 3-3_str	BOBJ1	137.74	After	Interior Girder 4	13.9	0.95	1	1	5.238128
Type 3-3_str	BOBJ1	137.74	After	Interior Girder 5	13.9	0.95	1	1	5.339962
Type 3-3_str	BOBJ1	137.74	After	Interior Girder 6	13.9	0.95	1	1	5.928287
Type 3-3_str	BOBJ1	137.74	After	Right Exterior Girder	13.9	0.95	1	1	5.789018
Type 3-3_str	BOBJ1	143.7733	Before	Left Exterior Girder	19.9333	0.95	1	1	4.444541
Type 3-3_str	BOBJ1	143.7733	Before	Interior Girder 1	19.9333	0.95	1	1	3.448267
Type 3-3_str	BOBJ1	143.7733	Before	Interior Girder 2	19.9333	0.95	1	1	3.212415
Type 3-3_str	BOBJ1	143.7733	Before	Interior Girder 3	19.9333	0.95	1	1	3.086837
Type 3-3_str	BOBJ1	143.7733	Before	Interior Girder 4	19.9333	0.95	1	1	3.086837
Type 3-3_str	BOBJ1	143.7733	Before	Interior Girder 5	19.9333	0.95	1	1	3.212415
Type 3-3_str	BOBJ1	143.7733	Before	Interior Girder 6	19.9333	0.95	1	1	3.448267
Type 3-3_str	BOBJ1	143.7733	Before	Right Exterior Girder	19.9333	0.95	1	1	4.444541
Type 3-3_str	BOBJ1	143.7733	After	Left Exterior Girder	19.9333	0.95	1	1	4.5471
Type 3-3_str	BOBJ1	143.7733	After	Interior Girder 1	19.9333	0.95	1	1	3.395488
Type 3-3_str	BOBJ1	143.7733	After	Interior Girder 2	19.9333	0.95	1	1	3.206511
Type 3-3_str	BOBJ1	143.7733	After	Interior Girder 3	19.9333	0.95	1	1	3.129833
Type 3-3_str	BOBJ1	143.7733	After	Interior Girder 4	19.9333	0.95	1	1	3.129833
Type 3-3_str	BOBJ1	143.7733	After	Interior Girder 5	19.9333	0.95	1	1	3.206511
Type 3-3_str	BOBJ1	143.7733	After	Interior Girder 6	19.9333	0.95	1	1	3.395488
Type 3-3_str	BOBJ1	143.7733	After	Right Exterior Girder	19.9333	0.95	1	1	4.5471
Type 3-3_str	BOBJ1	149.8067	Before	Left Exterior Girder	25.9667	0.95	1	1	3.206814
Type 3-3_str	BOBJ1	149.8067	Before	Interior Girder 1	25.9667	0.95	1	1	2.661826
Type 3-3_str	BOBJ1	149.8067	Before	Interior Girder 2	25.9667	0.95	1	1	2.517162
Type 3-3_str	BOBJ1	149.8067	Before	Interior Girder 3	25.9667	0.95	1	1	2.420946
Type 3-3_str	BOBJ1	149.8067	Before	Interior Girder 4	25.9667	0.95	1	1	2.420946
Type 3-3_str	BOBJ1	149.8067	Before	Interior Girder 5	25.9667	0.95	1	1	2.517162
Type 3-3_str	BOBJ1	149.8067	Before	Interior Girder 6	25.9667	0.95	1	1	2.661826
Type 3-3_str	BOBJ1	149.8067	Before	Right Exterior Girder	25.9667	0.95	1	1	3.206814
Type 3-3_str	BOBJ1	149.8067	After	Left Exterior Girder	25.9667	0.95	1	1	3.223374
Type 3-3_str	BOBJ1	149.8067	After	Interior Girder 1	25.9667	0.95	1	1	2.659379
Type 3-3_str	BOBJ1	149.8067	After	Interior Girder 2	25.9667	0.95	1	1	2.533836
Type 3-3_str	BOBJ1	149.8067	After	Interior Girder 3	25.9667	0.95	1	1	2.450798
Type 3-3_str	BOBJ1	149.8067	After	Interior Girder 4	25.9667	0.95	1	1	2.450798
Type 3-3_str	BOBJ1	149.8067	After	Interior Girder 5	25.9667	0.95	1	1	2.533836
Type 3-3_str	BOBJ1	149.8067	After	Interior Girder 6	25.9667	0.95	1	1	2.659379

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelINonCompStrgth-Flx - Approach, Span 12-1									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Type 3-3_str	BOBJ1	149.8067	After	Right Exterior Girder	25.9667	0.95	1	1	3.223374
Type 3-3_str	BOBJ1	155.84	Before	Left Exterior Girder	32	0.95	1	1	2.659213
Type 3-3_str	BOBJ1	155.84	Before	Interior Girder 1	32	0.95	1	1	2.552157
Type 3-3_str	BOBJ1	155.84	Before	Interior Girder 2	32	0.95	1	1	2.418977
Type 3-3_str	BOBJ1	155.84	Before	Interior Girder 3	32	0.95	1	1	2.360087
Type 3-3_str	BOBJ1	155.84	Before	Interior Girder 4	32	0.95	1	1	2.360087
Type 3-3_str	BOBJ1	155.84	Before	Interior Girder 5	32	0.95	1	1	2.418977
Type 3-3_str	BOBJ1	155.84	Before	Interior Girder 6	32	0.95	1	1	2.552157
Type 3-3_str	BOBJ1	155.84	Before	Right Exterior Girder	32	0.95	1	1	2.659213
Type 3-3_str	BOBJ1	155.84	After	Left Exterior Girder	32	0.95	1	1	2.674549
Type 3-3_str	BOBJ1	155.84	After	Interior Girder 1	32	0.95	1	1	2.540738
Type 3-3_str	BOBJ1	155.84	After	Interior Girder 2	32	0.95	1	1	2.415516
Type 3-3_str	BOBJ1	155.84	After	Interior Girder 3	32	0.95	1	1	2.356942
Type 3-3_str	BOBJ1	155.84	After	Interior Girder 4	32	0.95	1	1	2.356942
Type 3-3_str	BOBJ1	155.84	After	Interior Girder 5	32	0.95	1	1	2.415516
Type 3-3_str	BOBJ1	155.84	After	Interior Girder 6	32	0.95	1	1	2.540738
Type 3-3_str	BOBJ1	155.84	After	Right Exterior Girder	32	0.95	1	1	2.674549
Type 3-3_str	BOBJ1	161.8733	Before	Left Exterior Girder	38.0333	0.95	1	1	2.887763
Type 3-3_str	BOBJ1	161.8733	Before	Interior Girder 1	38.0333	0.95	1	1	2.481988
Type 3-3_str	BOBJ1	161.8733	Before	Interior Girder 2	38.0333	0.95	1	1	2.35753
Type 3-3_str	BOBJ1	161.8733	Before	Interior Girder 3	38.0333	0.95	1	1	2.288847
Type 3-3_str	BOBJ1	161.8733	Before	Interior Girder 4	38.0333	0.95	1	1	2.288847
Type 3-3_str	BOBJ1	161.8733	Before	Interior Girder 5	38.0333	0.95	1	1	2.35753
Type 3-3_str	BOBJ1	161.8733	Before	Interior Girder 6	38.0333	0.95	1	1	2.481988
Type 3-3_str	BOBJ1	161.8733	Before	Right Exterior Girder	38.0333	0.95	1	1	2.887763
Type 3-3_str	BOBJ1	161.8733	After	Left Exterior Girder	38.0333	0.95	1	1	2.890253
Type 3-3_str	BOBJ1	161.8733	After	Interior Girder 1	38.0333	0.95	1	1	2.473939
Type 3-3_str	BOBJ1	161.8733	After	Interior Girder 2	38.0333	0.95	1	1	2.34487
Type 3-3_str	BOBJ1	161.8733	After	Interior Girder 3	38.0333	0.95	1	1	2.270164
Type 3-3_str	BOBJ1	161.8733	After	Interior Girder 4	38.0333	0.95	1	1	2.270164
Type 3-3_str	BOBJ1	161.8733	After	Interior Girder 5	38.0333	0.95	1	1	2.34487
Type 3-3_str	BOBJ1	161.8733	After	Interior Girder 6	38.0333	0.95	1	1	2.473939
Type 3-3_str	BOBJ1	161.8733	After	Right Exterior Girder	38.0333	0.95	1	1	2.890253
Type 3-3_str	BOBJ1	167.9067	Before	Left Exterior Girder	44.0667	0.95	1	1	3.63498
Type 3-3_str	BOBJ1	167.9067	Before	Interior Girder 1	44.0667	0.95	1	1	2.873243
Type 3-3_str	BOBJ1	167.9067	Before	Interior Girder 2	44.0667	0.95	1	1	2.715488
Type 3-3_str	BOBJ1	167.9067	Before	Interior Girder 3	44.0667	0.95	1	1	2.630374
Type 3-3_str	BOBJ1	167.9067	Before	Interior Girder 4	44.0667	0.95	1	1	2.630374
Type 3-3_str	BOBJ1	167.9067	Before	Interior Girder 5	44.0667	0.95	1	1	2.715488
Type 3-3_str	BOBJ1	167.9067	Before	Interior Girder 6	44.0667	0.95	1	1	2.873243
Type 3-3_str	BOBJ1	167.9067	Before	Right Exterior Girder	44.0667	0.95	1	1	3.63498
Type 3-3_str	BOBJ1	167.9067	After	Left Exterior Girder	44.0667	0.95	1	1	3.555312
Type 3-3_str	BOBJ1	167.9067	After	Interior Girder 1	44.0667	0.95	1	1	2.907409
Type 3-3_str	BOBJ1	167.9067	After	Interior Girder 2	44.0667	0.95	1	1	2.72414
Type 3-3_str	BOBJ1	167.9067	After	Interior Girder 3	44.0667	0.95	1	1	2.608896
Type 3-3_str	BOBJ1	167.9067	After	Interior Girder 4	44.0667	0.95	1	1	2.608896
Type 3-3_str	BOBJ1	167.9067	After	Interior Girder 5	44.0667	0.95	1	1	2.72414
Type 3-3_str	BOBJ1	167.9067	After	Interior Girder 6	44.0667	0.95	1	1	2.907409
Type 3-3_str	BOBJ1	167.9067	After	Right Exterior Girder	44.0667	0.95	1	1	3.555312
Type 3-3_str	BOBJ1	173.94	Before	Left Exterior Girder	50.1	0.95	1	1	5.296536
Type 3-3_str	BOBJ1	173.94	Before	Interior Girder 1	50.1	0.95	1	1	4.305229
Type 3-3_str	BOBJ1	173.94	Before	Interior Girder 2	50.1	0.95	1	1	3.902007
Type 3-3_str	BOBJ1	173.94	Before	Interior Girder 3	50.1	0.95	1	1	3.828457
Type 3-3_str	BOBJ1	173.94	Before	Interior Girder 4	50.1	0.95	1	1	3.828457
Type 3-3_str	BOBJ1	173.94	Before	Interior Girder 5	50.1	0.95	1	1	3.902007
Type 3-3_str	BOBJ1	173.94	Before	Interior Girder 6	50.1	0.95	1	1	4.305229
Type 3-3_str	BOBJ1	173.94	Before	Right Exterior Girder	50.1	0.95	1	1	5.296536
Type 3-3_str	BOBJ1	173.94	After	Left Exterior Girder	50.1	0.95	1	1	5.239008
Type 3-3_str	BOBJ1	173.94	After	Interior Girder 1	50.1	0.95	1	1	4.338254
Type 3-3_str	BOBJ1	173.94	After	Interior Girder 2	50.1	0.95	1	1	3.891294
Type 3-3_str	BOBJ1	173.94	After	Interior Girder 3	50.1	0.95	1	1	3.769086
Type 3-3_str	BOBJ1	173.94	After	Interior Girder 4	50.1	0.95	1	1	3.769086
Type 3-3_str	BOBJ1	173.94	After	Interior Girder 5	50.1	0.95	1	1	3.891294
Type 3-3_str	BOBJ1	173.94	After	Interior Girder 6	50.1	0.95	1	1	4.338254
Type 3-3_str	BOBJ1	173.94	After	Right Exterior Girder	50.1	0.95	1	1	5.239008

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelINonCompStrgth-Flx - Approach, Span 12-1									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Type 3-3_str	BOBJ1	179.98	Before	Left Exterior Girder	56.14	0.95	1	1	5.885415
Type 3-3_str	BOBJ1	179.98	Before	Interior Girder 1	56.14	0.95	1	1	5.96663
Type 3-3_str	BOBJ1	179.98	Before	Interior Girder 2	56.14	0.95	1	1	5.641352
Type 3-3_str	BOBJ1	179.98	Before	Interior Girder 3	56.14	0.95	1	1	5.594671
Type 3-3_str	BOBJ1	179.98	Before	Interior Girder 4	56.14	0.95	1	1	5.594671
Type 3-3_str	BOBJ1	179.98	Before	Interior Girder 5	56.14	0.95	1	1	5.641352
Type 3-3_str	BOBJ1	179.98	Before	Interior Girder 6	56.14	0.95	1	1	5.96663
Type 3-3_str	BOBJ1	179.98	Before	Right Exterior Girder	56.14	0.95	1	1	5.885415
Type 3-3_str	BOBJ1	179.98	After	Left Exterior Girder	56.14	0.95	1	1	5.960027
Type 3-3_str	BOBJ1	179.98	After	Interior Girder 1	56.14	0.95	1	1	5.911825
Type 3-3_str	BOBJ1	179.98	After	Interior Girder 2	56.14	0.95	1	1	5.546975
Type 3-3_str	BOBJ1	179.98	After	Interior Girder 3	56.14	0.95	1	1	5.526021
Type 3-3_str	BOBJ1	179.98	After	Interior Girder 4	56.14	0.95	1	1	5.526021
Type 3-3_str	BOBJ1	179.98	After	Interior Girder 5	56.14	0.95	1	1	5.546975
Type 3-3_str	BOBJ1	179.98	After	Interior Girder 6	56.14	0.95	1	1	5.911825
Type 3-3_str	BOBJ1	179.98	After	Right Exterior Girder	56.14	0.95	1	1	5.960027
Type 3-3_str	BOBJ1	183.56	Before	Left Exterior Girder	59.72	0.95	1	1	4.455164
Type 3-3_str	BOBJ1	183.56	Before	Right Exterior Girder	59.72	0.95	1	1	4.455164
Type 3-3_str	BOBJ1	183.56	After	Left Exterior Girder	59.72	0.95	1	1	10.789714
Type 3-3_str	BOBJ1	183.56	After	Right Exterior Girder	59.72	0.95	1	1	10.789714
Type 3-3_str	BOBJ1	186.02	Before	Left Exterior Girder	62.18	0.95	1	1	9.46152
Type 3-3_str	BOBJ1	186.02	Before	Interior Girder 1	62.22	0.95	1	1	3.845078
Type 3-3_str	BOBJ1	186.02	Before	Interior Girder 2	62.22	0.95	1	1	3.636667
Type 3-3_str	BOBJ1	186.02	Before	Interior Girder 3	62.22	0.95	1	1	3.162746
Type 3-3_str	BOBJ1	186.02	Before	Interior Girder 4	62.22	0.95	1	1	3.162746
Type 3-3_str	BOBJ1	186.02	Before	Interior Girder 5	62.22	0.95	1	1	3.636667
Type 3-3_str	BOBJ1	186.02	Before	Interior Girder 6	62.22	0.95	1	1	3.845078
Type 3-3_str	BOBJ1	186.02	Before	Right Exterior Girder	62.18	0.95	1	1	9.46152
Type 3-3_str	BOBJ1	186.02	After	Left Exterior Girder	62.18	0.95	1	1	9.544744
Type 3-3_str	BOBJ1	186.02	After	Interior Girder 1	62.22	0.95	1	1	6.340002
Type 3-3_str	BOBJ1	186.02	After	Interior Girder 2	62.22	0.95	1	1	5.868878
Type 3-3_str	BOBJ1	186.02	After	Interior Girder 3	62.22	0.95	1	1	5.307965
Type 3-3_str	BOBJ1	186.02	After	Interior Girder 4	62.22	0.95	1	1	5.307965
Type 3-3_str	BOBJ1	186.02	After	Interior Girder 5	62.22	0.95	1	1	5.868878
Type 3-3_str	BOBJ1	186.02	After	Interior Girder 6	62.22	0.95	1	1	6.340002
Type 3-3_str	BOBJ1	186.02	After	Right Exterior Girder	62.18	0.95	1	1	9.544744
Type 3-3_str	BOBJ1	192.06	Before	Left Exterior Girder	68.22	0.95	1	1	4.070402
Type 3-3_str	BOBJ1	192.06	Before	Interior Girder 1	68.22	0.95	1	1	2.595538
Type 3-3_str	BOBJ1	192.06	Before	Interior Girder 2	68.22	0.95	1	1	2.513977
Type 3-3_str	BOBJ1	192.06	Before	Interior Girder 3	68.22	0.95	1	1	2.072425
Type 3-3_str	BOBJ1	192.06	Before	Interior Girder 4	68.22	0.95	1	1	2.072425
Type 3-3_str	BOBJ1	192.06	Before	Interior Girder 5	68.22	0.95	1	1	2.513977
Type 3-3_str	BOBJ1	192.06	Before	Interior Girder 6	68.22	0.95	1	1	2.595538
Type 3-3_str	BOBJ1	192.06	Before	Right Exterior Girder	68.22	0.95	1	1	4.070402
Type 3-3_str	BOBJ1	192.06	After	Left Exterior Girder	0	0.95	1	1	5.004098
Type 3-3_str	BOBJ1	192.06	After	Interior Girder 1	0	0.95	1	1	3.359707
Type 3-3_str	BOBJ1	192.06	After	Interior Girder 2	0	0.95	1	1	3.189104
Type 3-3_str	BOBJ1	192.06	After	Interior Girder 3	0	0.95	1	1	2.627053
Type 3-3_str	BOBJ1	192.06	After	Interior Girder 4	0	0.95	1	1	2.627053
Type 3-3_str	BOBJ1	192.06	After	Interior Girder 5	0	0.95	1	1	3.189104
Type 3-3_str	BOBJ1	192.06	After	Interior Girder 6	0	0.95	1	1	3.359707
Type 3-3_str	BOBJ1	192.06	After	Right Exterior Girder	0	0.95	1	1	5.004098
Type 3-3_str	BOBJ1	197.087	Before	Interior Girder 1	5.027	0.95	1	1	5.130125
Type 3-3_str	BOBJ1	197.087	Before	Interior Girder 2	5.027	0.95	1	1	4.842439
Type 3-3_str	BOBJ1	197.087	Before	Interior Girder 3	5.027	0.95	1	1	4.738342
Type 3-3_str	BOBJ1	197.087	Before	Interior Girder 4	5.027	0.95	1	1	4.738342
Type 3-3_str	BOBJ1	197.087	Before	Interior Girder 5	5.027	0.95	1	1	4.842439
Type 3-3_str	BOBJ1	197.087	Before	Interior Girder 6	5.027	0.95	1	1	5.130125
Type 3-3_str	BOBJ1	197.087	After	Interior Girder 1	5.027	0.95	1	1	3.206389
Type 3-3_str	BOBJ1	197.087	After	Interior Girder 2	5.027	0.95	1	1	3.036364
Type 3-3_str	BOBJ1	197.087	After	Interior Girder 3	5.027	0.95	1	1	2.950218
Type 3-3_str	BOBJ1	197.087	After	Interior Girder 4	5.027	0.95	1	1	2.950218
Type 3-3_str	BOBJ1	197.087	After	Interior Girder 5	5.027	0.95	1	1	3.036364
Type 3-3_str	BOBJ1	197.087	After	Interior Girder 6	5.027	0.95	1	1	3.206389
Type 3-3_str	BOBJ1	197.91	Before	Left Exterior Girder	5.85	0.95	1	1	7.258719

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelINonCompStrgth-Flx - Approach, Span 12-1									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Type 3-3_str	BOBJ1	197.91	Before	Interior Girder 1	5.85	0.95	1	1	3.390935
Type 3-3_str	BOBJ1	197.91	Before	Interior Girder 2	5.85	0.95	1	1	3.182504
Type 3-3_str	BOBJ1	197.91	Before	Interior Girder 3	5.85	0.95	1	1	3.152459
Type 3-3_str	BOBJ1	197.91	Before	Interior Girder 4	5.85	0.95	1	1	3.152459
Type 3-3_str	BOBJ1	197.91	Before	Interior Girder 5	5.85	0.95	1	1	3.182504
Type 3-3_str	BOBJ1	197.91	Before	Interior Girder 6	5.85	0.95	1	1	3.390935
Type 3-3_str	BOBJ1	197.91	Before	Right Exterior Girder	5.85	0.95	1	1	7.258719
Type 3-3_str	BOBJ1	197.91	After	Left Exterior Girder	5.85	0.95	1	1	6.149558
Type 3-3_str	BOBJ1	197.91	After	Interior Girder 1	5.85	0.95	1	1	2.82593
Type 3-3_str	BOBJ1	197.91	After	Interior Girder 2	5.85	0.95	1	1	2.680687
Type 3-3_str	BOBJ1	197.91	After	Interior Girder 3	5.85	0.95	1	1	2.626193
Type 3-3_str	BOBJ1	197.91	After	Interior Girder 4	5.85	0.95	1	1	2.626193
Type 3-3_str	BOBJ1	197.91	After	Interior Girder 5	5.85	0.95	1	1	2.680687
Type 3-3_str	BOBJ1	197.91	After	Interior Girder 6	5.85	0.95	1	1	2.82593
Type 3-3_str	BOBJ1	197.91	After	Right Exterior Girder	5.85	0.95	1	1	6.149558
Type 3-3_str	BOBJ1	199.1816	Before	Left Exterior Girder	7.1216	0.95	1	1	6.588227
Type 3-3_str	BOBJ1	199.1816	Before	Right Exterior Girder	7.1216	0.95	1	1	6.588227
Type 3-3_str	BOBJ1	199.1816	After	Left Exterior Girder	7.1216	0.95	1	1	2.640202
Type 3-3_str	BOBJ1	199.1816	After	Right Exterior Girder	7.1216	0.95	1	1	2.640202
Type 3-3_str	BOBJ1	203.5267	Before	Left Exterior Girder	11.3107	0.95	1	1	3.804031
Type 3-3_str	BOBJ1	203.5267	Before	Interior Girder 1	11.3107	0.95	1	1	4.010667
Type 3-3_str	BOBJ1	203.5267	Before	Interior Girder 2	11.3107	0.95	1	1	3.798687
Type 3-3_str	BOBJ1	203.5267	Before	Interior Girder 3	11.3107	0.95	1	1	3.926162
Type 3-3_str	BOBJ1	203.5267	Before	Interior Girder 4	11.3107	0.95	1	1	3.926162
Type 3-3_str	BOBJ1	203.5267	Before	Interior Girder 5	11.3107	0.95	1	1	3.798687
Type 3-3_str	BOBJ1	203.5267	Before	Interior Girder 6	11.3107	0.95	1	1	4.010667
Type 3-3_str	BOBJ1	203.5267	Before	Right Exterior Girder	11.3107	0.95	1	1	3.804031
Type 3-3_str	BOBJ1	203.5267	After	Left Exterior Girder	11.3107	0.95	1	1	6.113582
Type 3-3_str	BOBJ1	203.5267	After	Interior Girder 1	11.3107	0.95	1	1	6.376993
Type 3-3_str	BOBJ1	203.5267	After	Interior Girder 2	11.3107	0.95	1	1	6.082745
Type 3-3_str	BOBJ1	203.5267	After	Interior Girder 3	11.3107	0.95	1	1	6.246707
Type 3-3_str	BOBJ1	203.5267	After	Interior Girder 4	11.3107	0.95	1	1	6.246707
Type 3-3_str	BOBJ1	203.5267	After	Interior Girder 5	11.3107	0.95	1	1	6.082745
Type 3-3_str	BOBJ1	203.5267	After	Interior Girder 6	11.3107	0.95	1	1	6.376993
Type 3-3_str	BOBJ1	203.5267	After	Right Exterior Girder	11.3107	0.95	1	1	6.113582
Type 3-3_str	BOBJ1	209.1433	Before	Left Exterior Girder	17.0833	0.95	1	1	7.511709
Type 3-3_str	BOBJ1	209.1433	Before	Interior Girder 1	17.0833	0.95	1	1	5.456406
Type 3-3_str	BOBJ1	209.1433	Before	Interior Girder 2	17.0833	0.95	1	1	5.052347
Type 3-3_str	BOBJ1	209.1433	Before	Interior Girder 3	17.0833	0.95	1	1	4.90825
Type 3-3_str	BOBJ1	209.1433	Before	Interior Girder 4	17.0833	0.95	1	1	4.90825
Type 3-3_str	BOBJ1	209.1433	Before	Interior Girder 5	17.0833	0.95	1	1	5.052347
Type 3-3_str	BOBJ1	209.1433	Before	Interior Girder 6	17.0833	0.95	1	1	5.456406
Type 3-3_str	BOBJ1	209.1433	Before	Right Exterior Girder	17.0833	0.95	1	1	7.511709
Type 3-3_str	BOBJ1	209.1433	After	Left Exterior Girder	17.0833	0.95	1	1	7.499377
Type 3-3_str	BOBJ1	209.1433	After	Interior Girder 1	17.0833	0.95	1	1	5.474053
Type 3-3_str	BOBJ1	209.1433	After	Interior Girder 2	17.0833	0.95	1	1	5.11126
Type 3-3_str	BOBJ1	209.1433	After	Interior Girder 3	17.0833	0.95	1	1	4.998178
Type 3-3_str	BOBJ1	209.1433	After	Interior Girder 4	17.0833	0.95	1	1	4.998178
Type 3-3_str	BOBJ1	209.1433	After	Interior Girder 5	17.0833	0.95	1	1	5.11126
Type 3-3_str	BOBJ1	209.1433	After	Interior Girder 6	17.0833	0.95	1	1	5.474053
Type 3-3_str	BOBJ1	209.1433	After	Right Exterior Girder	17.0833	0.95	1	1	7.499377
Type 3-3_str	BOBJ1	214.76	Before	Left Exterior Girder	22.7	0.95	1	1	5.351169
Type 3-3_str	BOBJ1	214.76	Before	Interior Girder 1	22.7	0.95	1	1	4.459958
Type 3-3_str	BOBJ1	214.76	Before	Interior Girder 2	22.7	0.95	1	1	4.152728
Type 3-3_str	BOBJ1	214.76	Before	Interior Girder 3	22.7	0.95	1	1	4.008703
Type 3-3_str	BOBJ1	214.76	Before	Interior Girder 4	22.7	0.95	1	1	4.008703
Type 3-3_str	BOBJ1	214.76	Before	Interior Girder 5	22.7	0.95	1	1	4.152728
Type 3-3_str	BOBJ1	214.76	Before	Interior Girder 6	22.7	0.95	1	1	4.459958
Type 3-3_str	BOBJ1	214.76	Before	Right Exterior Girder	22.7	0.95	1	1	5.351169
Type 3-3_str	BOBJ1	214.76	After	Left Exterior Girder	22.7	0.95	1	1	5.393365
Type 3-3_str	BOBJ1	214.76	After	Interior Girder 1	22.7	0.95	1	1	4.437989
Type 3-3_str	BOBJ1	214.76	After	Interior Girder 2	22.7	0.95	1	1	4.161916
Type 3-3_str	BOBJ1	214.76	After	Interior Girder 3	22.7	0.95	1	1	4.029212
Type 3-3_str	BOBJ1	214.76	After	Interior Girder 4	22.7	0.95	1	1	4.029212
Type 3-3_str	BOBJ1	214.76	After	Interior Girder 5	22.7	0.95	1	1	4.161916

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelINonCompStrgth-Flx - Approach, Span 12-1									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Type 3-3_str	BOBJ1	214.76	After	Interior Girder 6	22.7	0.95	1	1	4.437989
Type 3-3_str	BOBJ1	214.76	After	Right Exterior Girder	22.7	0.95	1	1	5.393365
Type 3-3_str	BOBJ1	220.3767	Before	Left Exterior Girder	28.3167	0.95	1	1	4.626696
Type 3-3_str	BOBJ1	220.3767	Before	Interior Girder 1	28.3167	0.95	1	1	3.777386
Type 3-3_str	BOBJ1	220.3767	Before	Interior Girder 2	28.3167	0.95	1	1	3.561841
Type 3-3_str	BOBJ1	220.3767	Before	Interior Girder 3	28.3167	0.95	1	1	3.455514
Type 3-3_str	BOBJ1	220.3767	Before	Interior Girder 4	28.3167	0.95	1	1	3.455514
Type 3-3_str	BOBJ1	220.3767	Before	Interior Girder 5	28.3167	0.95	1	1	3.561841
Type 3-3_str	BOBJ1	220.3767	Before	Interior Girder 6	28.3167	0.95	1	1	3.777386
Type 3-3_str	BOBJ1	220.3767	Before	Right Exterior Girder	28.3167	0.95	1	1	4.626696
Type 3-3_str	BOBJ1	220.3767	After	Left Exterior Girder	28.3167	0.95	1	1	4.655361
Type 3-3_str	BOBJ1	220.3767	After	Interior Girder 1	28.3167	0.95	1	1	3.761919
Type 3-3_str	BOBJ1	220.3767	After	Interior Girder 2	28.3167	0.95	1	1	3.554688
Type 3-3_str	BOBJ1	220.3767	After	Interior Girder 3	28.3167	0.95	1	1	3.457987
Type 3-3_str	BOBJ1	220.3767	After	Interior Girder 4	28.3167	0.95	1	1	3.457987
Type 3-3_str	BOBJ1	220.3767	After	Interior Girder 5	28.3167	0.95	1	1	3.554688
Type 3-3_str	BOBJ1	220.3767	After	Interior Girder 6	28.3167	0.95	1	1	3.761919
Type 3-3_str	BOBJ1	220.3767	After	Right Exterior Girder	28.3167	0.95	1	1	4.655361
Type 3-3_str	BOBJ1	225.9933	Before	Left Exterior Girder	33.9333	0.95	1	1	4.559843
Type 3-3_str	BOBJ1	225.9933	Before	Interior Girder 1	33.9333	0.95	1	1	3.59437
Type 3-3_str	BOBJ1	225.9933	Before	Interior Girder 2	33.9333	0.95	1	1	3.399483
Type 3-3_str	BOBJ1	225.9933	Before	Interior Girder 3	33.9333	0.95	1	1	3.27548
Type 3-3_str	BOBJ1	225.9933	Before	Interior Girder 4	33.9333	0.95	1	1	3.27548
Type 3-3_str	BOBJ1	225.9933	Before	Interior Girder 5	33.9333	0.95	1	1	3.399483
Type 3-3_str	BOBJ1	225.9933	Before	Interior Girder 6	33.9333	0.95	1	1	3.59437
Type 3-3_str	BOBJ1	225.9933	Before	Right Exterior Girder	33.9333	0.95	1	1	4.559843
Type 3-3_str	BOBJ1	225.9933	After	Left Exterior Girder	33.9333	0.95	1	1	4.524597
Type 3-3_str	BOBJ1	225.9933	After	Interior Girder 1	33.9333	0.95	1	1	3.610067
Type 3-3_str	BOBJ1	225.9933	After	Interior Girder 2	33.9333	0.95	1	1	3.395969
Type 3-3_str	BOBJ1	225.9933	After	Interior Girder 3	33.9333	0.95	1	1	3.263383
Type 3-3_str	BOBJ1	225.9933	After	Interior Girder 4	33.9333	0.95	1	1	3.263383
Type 3-3_str	BOBJ1	225.9933	After	Interior Girder 5	33.9333	0.95	1	1	3.395969
Type 3-3_str	BOBJ1	225.9933	After	Interior Girder 6	33.9333	0.95	1	1	3.610067
Type 3-3_str	BOBJ1	225.9933	After	Right Exterior Girder	33.9333	0.95	1	1	4.524597
Type 3-3_str	BOBJ1	231.61	Before	Left Exterior Girder	39.55	0.95	1	1	4.633368
Type 3-3_str	BOBJ1	231.61	Before	Interior Girder 1	39.55	0.95	1	1	3.810538
Type 3-3_str	BOBJ1	231.61	Before	Interior Girder 2	39.55	0.95	1	1	3.61322
Type 3-3_str	BOBJ1	231.61	Before	Interior Girder 3	39.55	0.95	1	1	3.497314
Type 3-3_str	BOBJ1	231.61	Before	Interior Girder 4	39.55	0.95	1	1	3.497314
Type 3-3_str	BOBJ1	231.61	Before	Interior Girder 5	39.55	0.95	1	1	3.61322
Type 3-3_str	BOBJ1	231.61	Before	Interior Girder 6	39.55	0.95	1	1	3.810538
Type 3-3_str	BOBJ1	231.61	Before	Right Exterior Girder	39.55	0.95	1	1	4.633368
Type 3-3_str	BOBJ1	231.61	After	Left Exterior Girder	39.55	0.95	1	1	4.608915
Type 3-3_str	BOBJ1	231.61	After	Interior Girder 1	39.55	0.95	1	1	3.82023
Type 3-3_str	BOBJ1	231.61	After	Interior Girder 2	39.55	0.95	1	1	3.585743
Type 3-3_str	BOBJ1	231.61	After	Interior Girder 3	39.55	0.95	1	1	3.450962
Type 3-3_str	BOBJ1	231.61	After	Interior Girder 4	39.55	0.95	1	1	3.450962
Type 3-3_str	BOBJ1	231.61	After	Interior Girder 5	39.55	0.95	1	1	3.585743
Type 3-3_str	BOBJ1	231.61	After	Interior Girder 6	39.55	0.95	1	1	3.82023
Type 3-3_str	BOBJ1	231.61	After	Right Exterior Girder	39.55	0.95	1	1	4.608915
Type 3-3_str	BOBJ1	237.37	Before	Left Exterior Girder	45.31	0.95	1	1	6.28143
Type 3-3_str	BOBJ1	237.37	Before	Interior Girder 1	45.31	0.95	1	1	4.563762
Type 3-3_str	BOBJ1	237.37	Before	Interior Girder 2	45.31	0.95	1	1	4.338224
Type 3-3_str	BOBJ1	237.37	Before	Interior Girder 3	45.31	0.95	1	1	4.140991
Type 3-3_str	BOBJ1	237.37	Before	Interior Girder 4	45.31	0.95	1	1	4.140991
Type 3-3_str	BOBJ1	237.37	Before	Interior Girder 5	45.31	0.95	1	1	4.338224
Type 3-3_str	BOBJ1	237.37	Before	Interior Girder 6	45.31	0.95	1	1	4.563762
Type 3-3_str	BOBJ1	237.37	Before	Right Exterior Girder	45.31	0.95	1	1	6.28143
Type 3-3_str	BOBJ1	237.37	After	Left Exterior Girder	45.31	0.95	1	1	6.294507
Type 3-3_str	BOBJ1	237.37	After	Interior Girder 1	45.31	0.95	1	1	4.556758
Type 3-3_str	BOBJ1	237.37	After	Interior Girder 2	45.31	0.95	1	1	4.255126
Type 3-3_str	BOBJ1	237.37	After	Interior Girder 3	45.31	0.95	1	1	4.026212
Type 3-3_str	BOBJ1	237.37	After	Interior Girder 4	45.31	0.95	1	1	4.026212
Type 3-3_str	BOBJ1	237.37	After	Interior Girder 5	45.31	0.95	1	1	4.255126
Type 3-3_str	BOBJ1	237.37	After	Interior Girder 6	45.31	0.95	1	1	4.556758

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelINonCompStrgth-Flx - Approach, Span 12-1									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Type 3-3_str	BOBJ1	237.37	After	Right Exterior Girder	45.31	0.95	1	1	6.294507
Type 3-3_str	BOBJ1	243.13	Before	Left Exterior Girder	51.07	0.95	1	1	11.644102
Type 3-3_str	BOBJ1	243.13	Before	Interior Girder 1	51.07	0.95	1	1	7.361668
Type 3-3_str	BOBJ1	243.13	Before	Interior Girder 2	51.07	0.95	1	1	7.027373
Type 3-3_str	BOBJ1	243.13	Before	Interior Girder 3	51.07	0.95	1	1	6.354063
Type 3-3_str	BOBJ1	243.13	Before	Interior Girder 4	51.07	0.95	1	1	6.354063
Type 3-3_str	BOBJ1	243.13	Before	Interior Girder 5	51.07	0.95	1	1	7.027373
Type 3-3_str	BOBJ1	243.13	Before	Interior Girder 6	51.07	0.95	1	1	7.361668
Type 3-3_str	BOBJ1	243.13	Before	Right Exterior Girder	51.07	0.95	1	1	11.644102
Type 3-3_str	BOBJ1	243.13	After	Left Exterior Girder	51.07	0.95	1	1	11.446054
Type 3-3_str	BOBJ1	243.13	After	Interior Girder 1	51.07	0.95	1	1	7.316589
Type 3-3_str	BOBJ1	243.13	After	Interior Girder 2	51.07	0.95	1	1	6.851259
Type 3-3_str	BOBJ1	243.13	After	Interior Girder 3	51.07	0.95	1	1	6.028366
Type 3-3_str	BOBJ1	243.13	After	Interior Girder 4	51.07	0.95	1	1	6.028366
Type 3-3_str	BOBJ1	243.13	After	Interior Girder 5	51.07	0.95	1	1	6.851259
Type 3-3_str	BOBJ1	243.13	After	Interior Girder 6	51.07	0.95	1	1	7.316589
Type 3-3_str	BOBJ1	243.13	After	Right Exterior Girder	51.07	0.95	1	1	11.446054
Type 3-3_str	BOBJ1	248.89	Before	Left Exterior Girder	56.83	0.95	1	1	622.614541
Type 3-3_str	BOBJ1	248.89	Before	Interior Girder 1	56.83	0.95	1	1	601.748997
Type 3-3_str	BOBJ1	248.89	Before	Interior Girder 2	56.83	0.95	1	1	348.071503
Type 3-3_str	BOBJ1	248.89	Before	Interior Girder 3	56.83	0.95	1	1	267.312983
Type 3-3_str	BOBJ1	248.89	Before	Interior Girder 4	56.83	0.95	1	1	267.312983
Type 3-3_str	BOBJ1	248.89	Before	Interior Girder 5	56.83	0.95	1	1	348.071503
Type 3-3_str	BOBJ1	248.89	Before	Interior Girder 6	56.83	0.95	1	1	601.748996
Type 3-3_str	BOBJ1	248.89	Before	Right Exterior Girder	56.83	0.95	1	1	622.614541
EV2_str	BOBJ1	0	After	Left Exterior Girder	0	0.95	1	1	286.458477
EV2_str	BOBJ1	0	After	Interior Girder 1	0	0.95	1	1	269.129606
EV2_str	BOBJ1	0	After	Interior Girder 2	0	0.95	1	1	187.29603
EV2_str	BOBJ1	0	After	Interior Girder 3	0	0.95	1	1	151.09993
EV2_str	BOBJ1	0	After	Interior Girder 4	0	0.95	1	1	151.09993
EV2_str	BOBJ1	0	After	Interior Girder 5	0	0.95	1	1	187.296029
EV2_str	BOBJ1	0	After	Interior Girder 6	0	0.95	1	1	269.129606
EV2_str	BOBJ1	0	After	Right Exterior Girder	0	0.95	1	1	286.458477
EV2_str	BOBJ1	5.85	Before	Left Exterior Girder	5.85	0.95	1	1	6.877319
EV2_str	BOBJ1	5.85	Before	Interior Girder 1	5.85	0.95	1	1	4.683865
EV2_str	BOBJ1	5.85	Before	Interior Girder 2	5.85	0.95	1	1	4.349925
EV2_str	BOBJ1	5.85	Before	Interior Girder 3	5.85	0.95	1	1	3.74107
EV2_str	BOBJ1	5.85	Before	Interior Girder 4	5.85	0.95	1	1	3.74107
EV2_str	BOBJ1	5.85	Before	Interior Girder 5	5.85	0.95	1	1	4.349925
EV2_str	BOBJ1	5.85	Before	Interior Girder 6	5.85	0.95	1	1	4.683865
EV2_str	BOBJ1	5.85	Before	Right Exterior Girder	5.85	0.95	1	1	6.877319
EV2_str	BOBJ1	5.85	After	Left Exterior Girder	5.85	0.95	1	1	6.952181
EV2_str	BOBJ1	5.85	After	Interior Girder 1	5.85	0.95	1	1	4.686781
EV2_str	BOBJ1	5.85	After	Interior Girder 2	5.85	0.95	1	1	4.405854
EV2_str	BOBJ1	5.85	After	Interior Girder 3	5.85	0.95	1	1	3.892415
EV2_str	BOBJ1	5.85	After	Interior Girder 4	5.85	0.95	1	1	3.892415
EV2_str	BOBJ1	5.85	After	Interior Girder 5	5.85	0.95	1	1	4.405854
EV2_str	BOBJ1	5.85	After	Interior Girder 6	5.85	0.95	1	1	4.686781
EV2_str	BOBJ1	5.85	After	Right Exterior Girder	5.85	0.95	1	1	6.952181
EV2_str	BOBJ1	11.4667	Before	Left Exterior Girder	11.4667	0.95	1	1	3.779572
EV2_str	BOBJ1	11.4667	Before	Interior Girder 1	11.4667	0.95	1	1	2.636935
EV2_str	BOBJ1	11.4667	Before	Interior Girder 2	11.4667	0.95	1	1	2.486568
EV2_str	BOBJ1	11.4667	Before	Interior Girder 3	11.4667	0.95	1	1	2.275173
EV2_str	BOBJ1	11.4667	Before	Interior Girder 4	11.4667	0.95	1	1	2.275173
EV2_str	BOBJ1	11.4667	Before	Interior Girder 5	11.4667	0.95	1	1	2.486568
EV2_str	BOBJ1	11.4667	Before	Interior Girder 6	11.4667	0.95	1	1	2.636935
EV2_str	BOBJ1	11.4667	Before	Right Exterior Girder	11.4667	0.95	1	1	3.779572
EV2_str	BOBJ1	11.4667	After	Left Exterior Girder	11.4667	0.95	1	1	3.842351
EV2_str	BOBJ1	11.4667	After	Interior Girder 1	11.4667	0.95	1	1	2.619758
EV2_str	BOBJ1	11.4667	After	Interior Girder 2	11.4667	0.95	1	1	2.509361
EV2_str	BOBJ1	11.4667	After	Interior Girder 3	11.4667	0.95	1	1	2.329208
EV2_str	BOBJ1	11.4667	After	Interior Girder 4	11.4667	0.95	1	1	2.329208
EV2_str	BOBJ1	11.4667	After	Interior Girder 5	11.4667	0.95	1	1	2.509361
EV2_str	BOBJ1	11.4667	After	Interior Girder 6	11.4667	0.95	1	1	2.619758
EV2_str	BOBJ1	11.4667	After	Right Exterior Girder	11.4667	0.95	1	1	3.842351

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelINonCompStrgth-Flx - Approach, Span 12-1									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
EV2_str	BOBJ1	17.0833	Before	Left Exterior Girder	17.0833	0.95	1	1	2.863556
EV2_str	BOBJ1	17.0833	Before	Interior Girder 1	17.0833	0.95	1	1	2.126393
EV2_str	BOBJ1	17.0833	Before	Interior Girder 2	17.0833	0.95	1	1	2.02909
EV2_str	BOBJ1	17.0833	Before	Interior Girder 3	17.0833	0.95	1	1	1.948679
EV2_str	BOBJ1	17.0833	Before	Interior Girder 4	17.0833	0.95	1	1	1.948679
EV2_str	BOBJ1	17.0833	Before	Interior Girder 5	17.0833	0.95	1	1	2.02909
EV2_str	BOBJ1	17.0833	Before	Interior Girder 6	17.0833	0.95	1	1	2.126393
EV2_str	BOBJ1	17.0833	Before	Right Exterior Girder	17.0833	0.95	1	1	2.863556
EV2_str	BOBJ1	17.0833	After	Left Exterior Girder	17.0833	0.95	1	1	2.861006
EV2_str	BOBJ1	17.0833	After	Interior Girder 1	17.0833	0.95	1	1	2.130928
EV2_str	BOBJ1	17.0833	After	Interior Girder 2	17.0833	0.95	1	1	2.051892
EV2_str	BOBJ1	17.0833	After	Interior Girder 3	17.0833	0.95	1	1	1.979114
EV2_str	BOBJ1	17.0833	After	Interior Girder 4	17.0833	0.95	1	1	1.979114
EV2_str	BOBJ1	17.0833	After	Interior Girder 5	17.0833	0.95	1	1	2.051892
EV2_str	BOBJ1	17.0833	After	Interior Girder 6	17.0833	0.95	1	1	2.130928
EV2_str	BOBJ1	17.0833	After	Right Exterior Girder	17.0833	0.95	1	1	2.861006
EV2_str	BOBJ1	22.7	Before	Left Exterior Girder	22.7	0.95	1	1	2.569528
EV2_str	BOBJ1	22.7	Before	Interior Girder 1	22.7	0.95	1	1	2.10537
EV2_str	BOBJ1	22.7	Before	Interior Girder 2	22.7	0.95	1	1	2.017061
EV2_str	BOBJ1	22.7	Before	Interior Girder 3	22.7	0.95	1	1	1.958089
EV2_str	BOBJ1	22.7	Before	Interior Girder 4	22.7	0.95	1	1	1.958089
EV2_str	BOBJ1	22.7	Before	Interior Girder 5	22.7	0.95	1	1	2.017061
EV2_str	BOBJ1	22.7	Before	Interior Girder 6	22.7	0.95	1	1	2.10537
EV2_str	BOBJ1	22.7	Before	Right Exterior Girder	22.7	0.95	1	1	2.569528
EV2_str	BOBJ1	22.7	After	Left Exterior Girder	22.7	0.95	1	1	2.576744
EV2_str	BOBJ1	22.7	After	Interior Girder 1	22.7	0.95	1	1	2.103093
EV2_str	BOBJ1	22.7	After	Interior Girder 2	22.7	0.95	1	1	2.019667
EV2_str	BOBJ1	22.7	After	Interior Girder 3	22.7	0.95	1	1	1.965182
EV2_str	BOBJ1	22.7	After	Interior Girder 4	22.7	0.95	1	1	1.965182
EV2_str	BOBJ1	22.7	After	Interior Girder 5	22.7	0.95	1	1	2.019667
EV2_str	BOBJ1	22.7	After	Interior Girder 6	22.7	0.95	1	1	2.103093
EV2_str	BOBJ1	22.7	After	Right Exterior Girder	22.7	0.95	1	1	2.576744
EV2_str	BOBJ1	28.3167	Before	Left Exterior Girder	28.3167	0.95	1	1	2.845266
EV2_str	BOBJ1	28.3167	Before	Interior Girder 1	28.3167	0.95	1	1	2.155943
EV2_str	BOBJ1	28.3167	Before	Interior Girder 2	28.3167	0.95	1	1	2.066578
EV2_str	BOBJ1	28.3167	Before	Interior Girder 3	28.3167	0.95	1	1	1.992786
EV2_str	BOBJ1	28.3167	Before	Interior Girder 4	28.3167	0.95	1	1	1.992786
EV2_str	BOBJ1	28.3167	Before	Interior Girder 5	28.3167	0.95	1	1	2.066578
EV2_str	BOBJ1	28.3167	Before	Interior Girder 6	28.3167	0.95	1	1	2.155943
EV2_str	BOBJ1	28.3167	Before	Right Exterior Girder	28.3167	0.95	1	1	2.845266
EV2_str	BOBJ1	28.3167	After	Left Exterior Girder	28.3167	0.95	1	1	2.854744
EV2_str	BOBJ1	28.3167	After	Interior Girder 1	28.3167	0.95	1	1	2.144453
EV2_str	BOBJ1	28.3167	After	Interior Girder 2	28.3167	0.95	1	1	2.050134
EV2_str	BOBJ1	28.3167	After	Interior Girder 3	28.3167	0.95	1	1	1.969212
EV2_str	BOBJ1	28.3167	After	Interior Girder 4	28.3167	0.95	1	1	1.969212
EV2_str	BOBJ1	28.3167	After	Interior Girder 5	28.3167	0.95	1	1	2.050134
EV2_str	BOBJ1	28.3167	After	Interior Girder 6	28.3167	0.95	1	1	2.144453
EV2_str	BOBJ1	28.3167	After	Right Exterior Girder	28.3167	0.95	1	1	2.854744
EV2_str	BOBJ1	33.9333	Before	Left Exterior Girder	33.9333	0.95	1	1	3.426282
EV2_str	BOBJ1	33.9333	Before	Interior Girder 1	33.9333	0.95	1	1	2.461208
EV2_str	BOBJ1	33.9333	Before	Interior Girder 2	33.9333	0.95	1	1	2.349433
EV2_str	BOBJ1	33.9333	Before	Interior Girder 3	33.9333	0.95	1	1	2.283877
EV2_str	BOBJ1	33.9333	Before	Interior Girder 4	33.9333	0.95	1	1	2.283877
EV2_str	BOBJ1	33.9333	Before	Interior Girder 5	33.9333	0.95	1	1	2.349433
EV2_str	BOBJ1	33.9333	Before	Interior Girder 6	33.9333	0.95	1	1	2.461208
EV2_str	BOBJ1	33.9333	Before	Right Exterior Girder	33.9333	0.95	1	1	3.426282
EV2_str	BOBJ1	33.9333	After	Left Exterior Girder	33.9333	0.95	1	1	3.385369
EV2_str	BOBJ1	33.9333	After	Interior Girder 1	33.9333	0.95	1	1	2.47667
EV2_str	BOBJ1	33.9333	After	Interior Girder 2	33.9333	0.95	1	1	2.348106
EV2_str	BOBJ1	33.9333	After	Interior Girder 3	33.9333	0.95	1	1	2.262403
EV2_str	BOBJ1	33.9333	After	Interior Girder 4	33.9333	0.95	1	1	2.262403
EV2_str	BOBJ1	33.9333	After	Interior Girder 5	33.9333	0.95	1	1	2.348106
EV2_str	BOBJ1	33.9333	After	Interior Girder 6	33.9333	0.95	1	1	2.47667
EV2_str	BOBJ1	33.9333	After	Right Exterior Girder	33.9333	0.95	1	1	3.385369
EV2_str	BOBJ1	39.55	Before	Left Exterior Girder	39.55	0.95	1	1	4.678588

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelINonCompStrgth-Flx - Approach, Span 12-1									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
EV2_str	BOBJ1	39.55	Before	Interior Girder 1	39.55	0.95	1	1	3.451646
EV2_str	BOBJ1	39.55	Before	Interior Girder 2	39.55	0.95	1	1	3.208709
EV2_str	BOBJ1	39.55	Before	Interior Girder 3	39.55	0.95	1	1	3.126486
EV2_str	BOBJ1	39.55	Before	Interior Girder 4	39.55	0.95	1	1	3.126486
EV2_str	BOBJ1	39.55	Before	Interior Girder 5	39.55	0.95	1	1	3.208709
EV2_str	BOBJ1	39.55	Before	Interior Girder 6	39.55	0.95	1	1	3.451646
EV2_str	BOBJ1	39.55	Before	Right Exterior Girder	39.55	0.95	1	1	4.678588
EV2_str	BOBJ1	39.55	After	Left Exterior Girder	39.55	0.95	1	1	4.652106
EV2_str	BOBJ1	39.55	After	Interior Girder 1	39.55	0.95	1	1	3.458763
EV2_str	BOBJ1	39.55	After	Interior Girder 2	39.55	0.95	1	1	3.191347
EV2_str	BOBJ1	39.55	After	Interior Girder 3	39.55	0.95	1	1	3.076059
EV2_str	BOBJ1	39.55	After	Interior Girder 4	39.55	0.95	1	1	3.076059
EV2_str	BOBJ1	39.55	After	Interior Girder 5	39.55	0.95	1	1	3.191347
EV2_str	BOBJ1	39.55	After	Interior Girder 6	39.55	0.95	1	1	3.458763
EV2_str	BOBJ1	39.55	After	Right Exterior Girder	39.55	0.95	1	1	4.652106
EV2_str	BOBJ1	45.1733	Before	Left Exterior Girder	45.1226	0.95	1	1	4.880674
EV2_str	BOBJ1	45.1733	Before	Interior Girder 1	45.1226	0.95	1	1	5.053155
EV2_str	BOBJ1	45.1733	Before	Interior Girder 2	45.1226	0.95	1	1	4.862088
EV2_str	BOBJ1	45.1733	Before	Interior Girder 3	45.1226	0.95	1	1	4.799284
EV2_str	BOBJ1	45.1733	Before	Interior Girder 4	45.1226	0.95	1	1	4.799284
EV2_str	BOBJ1	45.1733	Before	Interior Girder 5	45.1226	0.95	1	1	4.862088
EV2_str	BOBJ1	45.1733	Before	Interior Girder 6	45.1226	0.95	1	1	5.053155
EV2_str	BOBJ1	45.1733	Before	Right Exterior Girder	45.1226	0.95	1	1	4.880674
EV2_str	BOBJ1	45.1733	After	Left Exterior Girder	45.1226	0.95	1	1	3.902992
EV2_str	BOBJ1	45.1733	After	Interior Girder 1	45.1226	0.95	1	1	4.033383
EV2_str	BOBJ1	45.1733	After	Interior Girder 2	45.1226	0.95	1	1	3.860442
EV2_str	BOBJ1	45.1733	After	Interior Girder 3	45.1226	0.95	1	1	3.778746
EV2_str	BOBJ1	45.1733	After	Interior Girder 4	45.1226	0.95	1	1	3.778746
EV2_str	BOBJ1	45.1733	After	Interior Girder 5	45.1226	0.95	1	1	3.860442
EV2_str	BOBJ1	45.1733	After	Interior Girder 6	45.1226	0.95	1	1	4.033383
EV2_str	BOBJ1	45.1733	After	Right Exterior Girder	45.1226	0.95	1	1	3.902992
EV2_str	BOBJ1	49.2561	Before	Left Exterior Girder	49.2561	0.95	1	1	2.759001
EV2_str	BOBJ1	49.2561	Before	Right Exterior Girder	49.2561	0.95	1	1	2.759001
EV2_str	BOBJ1	49.2561	After	Left Exterior Girder	49.2561	0.95	1	1	2.803147
EV2_str	BOBJ1	49.2561	After	Right Exterior Girder	49.2561	0.95	1	1	2.803147
EV2_str	BOBJ1	50.7967	Before	Left Exterior Girder	50.7967	0.95	1	1	5.871106
EV2_str	BOBJ1	50.7967	Before	Interior Girder 1	50.7967	0.95	1	1	2.842198
EV2_str	BOBJ1	50.7967	Before	Interior Girder 2	50.7967	0.95	1	1	2.722591
EV2_str	BOBJ1	50.7967	Before	Interior Girder 3	50.7967	0.95	1	1	2.580412
EV2_str	BOBJ1	50.7967	Before	Interior Girder 4	50.7967	0.95	1	1	2.580412
EV2_str	BOBJ1	50.7967	Before	Interior Girder 5	50.7967	0.95	1	1	2.722591
EV2_str	BOBJ1	50.7967	Before	Interior Girder 6	50.7967	0.95	1	1	2.842198
EV2_str	BOBJ1	50.7967	Before	Right Exterior Girder	50.7967	0.95	1	1	5.871106
EV2_str	BOBJ1	50.7967	After	Left Exterior Girder	50.7967	0.95	1	1	5.835837
EV2_str	BOBJ1	50.7967	After	Interior Girder 1	50.7967	0.95	1	1	2.835921
EV2_str	BOBJ1	50.7967	After	Interior Girder 2	50.7967	0.95	1	1	2.702318
EV2_str	BOBJ1	50.7967	After	Interior Girder 3	50.7967	0.95	1	1	2.57176
EV2_str	BOBJ1	50.7967	After	Interior Girder 4	50.7967	0.95	1	1	2.57176
EV2_str	BOBJ1	50.7967	After	Interior Girder 5	50.7967	0.95	1	1	2.702318
EV2_str	BOBJ1	50.7967	After	Interior Girder 6	50.7967	0.95	1	1	2.835921
EV2_str	BOBJ1	50.7967	After	Right Exterior Girder	50.7967	0.95	1	1	5.835837
EV2_str	BOBJ1	51.3989	Before	Interior Girder 1	51.3989	0.95	1	1	2.698385
EV2_str	BOBJ1	51.3989	Before	Interior Girder 2	51.3989	0.95	1	1	2.59194
EV2_str	BOBJ1	51.3989	Before	Interior Girder 3	51.3989	0.95	1	1	2.441592
EV2_str	BOBJ1	51.3989	Before	Interior Girder 4	51.3989	0.95	1	1	2.441592
EV2_str	BOBJ1	51.3989	Before	Interior Girder 5	51.3989	0.95	1	1	2.59194
EV2_str	BOBJ1	51.3989	Before	Interior Girder 6	51.3989	0.95	1	1	2.698385
EV2_str	BOBJ1	51.3989	After	Interior Girder 1	51.3989	0.95	1	1	4.124772
EV2_str	BOBJ1	51.3989	After	Interior Girder 2	51.3989	0.95	1	1	3.911173
EV2_str	BOBJ1	51.3989	After	Interior Girder 3	51.3989	0.95	1	1	3.737291
EV2_str	BOBJ1	51.3989	After	Interior Girder 4	51.3989	0.95	1	1	3.737291
EV2_str	BOBJ1	51.3989	After	Interior Girder 5	51.3989	0.95	1	1	3.911173
EV2_str	BOBJ1	51.3989	After	Interior Girder 6	51.3989	0.95	1	1	4.124772
EV2_str	BOBJ1	56.42	Before	Left Exterior Girder	56.42	0.95	1	1	4.063194
EV2_str	BOBJ1	56.42	Before	Interior Girder 1	56.42	0.95	1	1	2.912449

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelINonCompStrgth-Flx - Approach, Span 12-1									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
EV2_str	BOBJ1	56.42	Before	Interior Girder 2	56.42	0.95	1	1	2.714892
EV2_str	BOBJ1	56.42	Before	Interior Girder 3	56.42	0.95	1	1	2.276676
EV2_str	BOBJ1	56.42	Before	Interior Girder 4	56.42	0.95	1	1	2.276676
EV2_str	BOBJ1	56.42	Before	Interior Girder 5	56.42	0.95	1	1	2.714892
EV2_str	BOBJ1	56.42	Before	Interior Girder 6	56.42	0.95	1	1	2.912449
EV2_str	BOBJ1	56.42	Before	Right Exterior Girder	56.42	0.95	1	1	4.063194
EV2_str	BOBJ1	56.42	After	Left Exterior Girder	0	0.95	1	1	4.148058
EV2_str	BOBJ1	56.42	After	Interior Girder 1	0	0.95	1	1	2.660892
EV2_str	BOBJ1	56.42	After	Interior Girder 2	0	0.95	1	1	2.557811
EV2_str	BOBJ1	56.42	After	Interior Girder 3	0	0.95	1	1	2.155705
EV2_str	BOBJ1	56.42	After	Interior Girder 4	0	0.95	1	1	2.155705
EV2_str	BOBJ1	56.42	After	Interior Girder 5	0	0.95	1	1	2.557811
EV2_str	BOBJ1	56.42	After	Interior Girder 6	0	0.95	1	1	2.660892
EV2_str	BOBJ1	56.42	After	Right Exterior Girder	0	0.95	1	1	4.148058
EV2_str	BOBJ1	62.0367	Before	Left Exterior Girder	5.6167	0.95	1	1	7.406464
EV2_str	BOBJ1	62.0367	Before	Interior Girder 1	5.6167	0.95	1	1	5.168417
EV2_str	BOBJ1	62.0367	Before	Interior Girder 2	5.6167	0.95	1	1	4.806636
EV2_str	BOBJ1	62.0367	Before	Interior Girder 3	5.6167	0.95	1	1	4.503842
EV2_str	BOBJ1	62.0367	Before	Interior Girder 4	5.6167	0.95	1	1	4.503842
EV2_str	BOBJ1	62.0367	Before	Interior Girder 5	5.6167	0.95	1	1	4.806636
EV2_str	BOBJ1	62.0367	Before	Interior Girder 6	5.6167	0.95	1	1	5.168417
EV2_str	BOBJ1	62.0367	Before	Right Exterior Girder	5.6167	0.95	1	1	7.406464
EV2_str	BOBJ1	62.0367	After	Left Exterior Girder	5.6167	0.95	1	1	7.320966
EV2_str	BOBJ1	62.0367	After	Interior Girder 1	5.6167	0.95	1	1	5.256373
EV2_str	BOBJ1	62.0367	After	Interior Girder 2	5.6167	0.95	1	1	4.888889
EV2_str	BOBJ1	62.0367	After	Interior Girder 3	5.6167	0.95	1	1	4.581592
EV2_str	BOBJ1	62.0367	After	Interior Girder 4	5.6167	0.95	1	1	4.581592
EV2_str	BOBJ1	62.0367	After	Interior Girder 5	5.6167	0.95	1	1	4.888889
EV2_str	BOBJ1	62.0367	After	Interior Girder 6	5.6167	0.95	1	1	5.256373
EV2_str	BOBJ1	62.0367	After	Right Exterior Girder	5.6167	0.95	1	1	7.320966
EV2_str	BOBJ1	62.4203	Before	Interior Girder 1	6.0003	0.95	1	1	5.374289
EV2_str	BOBJ1	62.4203	Before	Interior Girder 2	6.0003	0.95	1	1	4.988322
EV2_str	BOBJ1	62.4203	Before	Interior Girder 3	6.0003	0.95	1	1	4.7017
EV2_str	BOBJ1	62.4203	Before	Interior Girder 4	6.0003	0.95	1	1	4.7017
EV2_str	BOBJ1	62.4203	Before	Interior Girder 5	6.0003	0.95	1	1	4.988322
EV2_str	BOBJ1	62.4203	Before	Interior Girder 6	6.0003	0.95	1	1	5.374289
EV2_str	BOBJ1	62.4203	After	Interior Girder 1	6.0003	0.95	1	1	3.524353
EV2_str	BOBJ1	62.4203	After	Interior Girder 2	6.0003	0.95	1	1	3.325697
EV2_str	BOBJ1	62.4203	After	Interior Girder 3	6.0003	0.95	1	1	3.084484
EV2_str	BOBJ1	62.4203	After	Interior Girder 4	6.0003	0.95	1	1	3.084484
EV2_str	BOBJ1	62.4203	After	Interior Girder 5	6.0003	0.95	1	1	3.325697
EV2_str	BOBJ1	62.4203	After	Interior Girder 6	6.0003	0.95	1	1	3.524353
EV2_str	BOBJ1	64.9204	Before	Left Exterior Girder	8.5004	0.95	1	1	8.498404
EV2_str	BOBJ1	64.9204	Before	Right Exterior Girder	8.5004	0.95	1	1	8.498404
EV2_str	BOBJ1	64.9204	After	Left Exterior Girder	8.5004	0.95	1	1	3.839071
EV2_str	BOBJ1	64.9204	After	Right Exterior Girder	8.5004	0.95	1	1	3.839071
EV2_str	BOBJ1	67.6533	Before	Left Exterior Girder	11.2333	0.95	1	1	4.784823
EV2_str	BOBJ1	67.6533	Before	Interior Girder 1	11.2333	0.95	1	1	4.868748
EV2_str	BOBJ1	67.6533	Before	Interior Girder 2	11.2333	0.95	1	1	4.588551
EV2_str	BOBJ1	67.6533	Before	Interior Girder 3	11.2333	0.95	1	1	4.383982
EV2_str	BOBJ1	67.6533	Before	Interior Girder 4	11.2333	0.95	1	1	4.383982
EV2_str	BOBJ1	67.6533	Before	Interior Girder 5	11.2333	0.95	1	1	4.588551
EV2_str	BOBJ1	67.6533	Before	Interior Girder 6	11.2333	0.95	1	1	4.868748
EV2_str	BOBJ1	67.6533	Before	Right Exterior Girder	11.2333	0.95	1	1	4.784823
EV2_str	BOBJ1	67.6533	After	Left Exterior Girder	11.2333	0.95	1	1	4.734433
EV2_str	BOBJ1	67.6533	After	Interior Girder 1	11.2333	0.95	1	1	4.915413
EV2_str	BOBJ1	67.6533	After	Interior Girder 2	11.2333	0.95	1	1	4.655337
EV2_str	BOBJ1	67.6533	After	Interior Girder 3	11.2333	0.95	1	1	4.51948
EV2_str	BOBJ1	67.6533	After	Interior Girder 4	11.2333	0.95	1	1	4.51948
EV2_str	BOBJ1	67.6533	After	Interior Girder 5	11.2333	0.95	1	1	4.655337
EV2_str	BOBJ1	67.6533	After	Interior Girder 6	11.2333	0.95	1	1	4.915413
EV2_str	BOBJ1	67.6533	After	Right Exterior Girder	11.2333	0.95	1	1	4.734433
EV2_str	BOBJ1	73.27	Before	Left Exterior Girder	16.85	0.95	1	1	4.538477
EV2_str	BOBJ1	73.27	Before	Interior Girder 1	16.85	0.95	1	1	3.357699
EV2_str	BOBJ1	73.27	Before	Interior Girder 2	16.85	0.95	1	1	3.056208

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelINonCompStrgth-Flx - Approach, Span 12-1									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
EV2_str	BOBJ1	73.27	Before	Interior Girder 3	16.85	0.95	1	1	2.920109
EV2_str	BOBJ1	73.27	Before	Interior Girder 4	16.85	0.95	1	1	2.920109
EV2_str	BOBJ1	73.27	Before	Interior Girder 5	16.85	0.95	1	1	3.056208
EV2_str	BOBJ1	73.27	Before	Interior Girder 6	16.85	0.95	1	1	3.357699
EV2_str	BOBJ1	73.27	Before	Right Exterior Girder	16.85	0.95	1	1	4.538477
EV2_str	BOBJ1	73.27	After	Left Exterior Girder	16.85	0.95	1	1	4.618386
EV2_str	BOBJ1	73.27	After	Interior Girder 1	16.85	0.95	1	1	3.324317
EV2_str	BOBJ1	73.27	After	Interior Girder 2	16.85	0.95	1	1	3.05787
EV2_str	BOBJ1	73.27	After	Interior Girder 3	16.85	0.95	1	1	2.956961
EV2_str	BOBJ1	73.27	After	Interior Girder 4	16.85	0.95	1	1	2.956961
EV2_str	BOBJ1	73.27	After	Interior Girder 5	16.85	0.95	1	1	3.05787
EV2_str	BOBJ1	73.27	After	Interior Girder 6	16.85	0.95	1	1	3.324317
EV2_str	BOBJ1	73.27	After	Right Exterior Girder	16.85	0.95	1	1	4.618386
EV2_str	BOBJ1	78.8867	Before	Left Exterior Girder	22.4667	0.95	1	1	3.14363
EV2_str	BOBJ1	78.8867	Before	Interior Girder 1	22.4667	0.95	1	1	2.313774
EV2_str	BOBJ1	78.8867	Before	Interior Girder 2	22.4667	0.95	1	1	2.185336
EV2_str	BOBJ1	78.8867	Before	Interior Girder 3	22.4667	0.95	1	1	2.092161
EV2_str	BOBJ1	78.8867	Before	Interior Girder 4	22.4667	0.95	1	1	2.092161
EV2_str	BOBJ1	78.8867	Before	Interior Girder 5	22.4667	0.95	1	1	2.185336
EV2_str	BOBJ1	78.8867	Before	Interior Girder 6	22.4667	0.95	1	1	2.313774
EV2_str	BOBJ1	78.8867	Before	Right Exterior Girder	22.4667	0.95	1	1	3.14363
EV2_str	BOBJ1	78.8867	After	Left Exterior Girder	22.4667	0.95	1	1	3.198973
EV2_str	BOBJ1	78.8867	After	Interior Girder 1	22.4667	0.95	1	1	2.293868
EV2_str	BOBJ1	78.8867	After	Interior Girder 2	22.4667	0.95	1	1	2.180635
EV2_str	BOBJ1	78.8867	After	Interior Girder 3	22.4667	0.95	1	1	2.109293
EV2_str	BOBJ1	78.8867	After	Interior Girder 4	22.4667	0.95	1	1	2.109293
EV2_str	BOBJ1	78.8867	After	Interior Girder 5	22.4667	0.95	1	1	2.180635
EV2_str	BOBJ1	78.8867	After	Interior Girder 6	22.4667	0.95	1	1	2.293868
EV2_str	BOBJ1	78.8867	After	Right Exterior Girder	22.4667	0.95	1	1	3.198973
EV2_str	BOBJ1	84.5033	Before	Left Exterior Girder	28.0833	0.95	1	1	2.518994
EV2_str	BOBJ1	84.5033	Before	Interior Girder 1	28.0833	0.95	1	1	1.950847
EV2_str	BOBJ1	84.5033	Before	Interior Girder 2	28.0833	0.95	1	1	1.865851
EV2_str	BOBJ1	84.5033	Before	Interior Girder 3	28.0833	0.95	1	1	1.79753
EV2_str	BOBJ1	84.5033	Before	Interior Girder 4	28.0833	0.95	1	1	1.79753
EV2_str	BOBJ1	84.5033	Before	Interior Girder 5	28.0833	0.95	1	1	1.865851
EV2_str	BOBJ1	84.5033	Before	Interior Girder 6	28.0833	0.95	1	1	1.950847
EV2_str	BOBJ1	84.5033	Before	Right Exterior Girder	28.0833	0.95	1	1	2.518994
EV2_str	BOBJ1	84.5033	After	Left Exterior Girder	28.0833	0.95	1	1	2.519542
EV2_str	BOBJ1	84.5033	After	Interior Girder 1	28.0833	0.95	1	1	1.957316
EV2_str	BOBJ1	84.5033	After	Interior Girder 2	28.0833	0.95	1	1	1.876711
EV2_str	BOBJ1	84.5033	After	Interior Girder 3	28.0833	0.95	1	1	1.815678
EV2_str	BOBJ1	84.5033	After	Interior Girder 4	28.0833	0.95	1	1	1.815678
EV2_str	BOBJ1	84.5033	After	Interior Girder 5	28.0833	0.95	1	1	1.876711
EV2_str	BOBJ1	84.5033	After	Interior Girder 6	28.0833	0.95	1	1	1.957316
EV2_str	BOBJ1	84.5033	After	Right Exterior Girder	28.0833	0.95	1	1	2.519542
EV2_str	BOBJ1	90.12	Before	Left Exterior Girder	33.7	0.95	1	1	2.276025
EV2_str	BOBJ1	90.12	Before	Interior Girder 1	33.7	0.95	1	1	1.948961
EV2_str	BOBJ1	90.12	Before	Interior Girder 2	33.7	0.95	1	1	1.865915
EV2_str	BOBJ1	90.12	Before	Interior Girder 3	33.7	0.95	1	1	1.804368
EV2_str	BOBJ1	90.12	Before	Interior Girder 4	33.7	0.95	1	1	1.804368
EV2_str	BOBJ1	90.12	Before	Interior Girder 5	33.7	0.95	1	1	1.865915
EV2_str	BOBJ1	90.12	Before	Interior Girder 6	33.7	0.95	1	1	1.948961
EV2_str	BOBJ1	90.12	Before	Right Exterior Girder	33.7	0.95	1	1	2.276025
EV2_str	BOBJ1	90.12	After	Left Exterior Girder	33.7	0.95	1	1	2.282916
EV2_str	BOBJ1	90.12	After	Interior Girder 1	33.7	0.95	1	1	1.944791
EV2_str	BOBJ1	90.12	After	Interior Girder 2	33.7	0.95	1	1	1.862921
EV2_str	BOBJ1	90.12	After	Interior Girder 3	33.7	0.95	1	1	1.802065
EV2_str	BOBJ1	90.12	After	Interior Girder 4	33.7	0.95	1	1	1.802065
EV2_str	BOBJ1	90.12	After	Interior Girder 5	33.7	0.95	1	1	1.862921
EV2_str	BOBJ1	90.12	After	Interior Girder 6	33.7	0.95	1	1	1.944791
EV2_str	BOBJ1	90.12	After	Right Exterior Girder	33.7	0.95	1	1	2.282916
EV2_str	BOBJ1	95.7367	Before	Left Exterior Girder	39.3167	0.95	1	1	2.500366
EV2_str	BOBJ1	95.7367	Before	Interior Girder 1	39.3167	0.95	1	1	1.946354
EV2_str	BOBJ1	95.7367	Before	Interior Girder 2	39.3167	0.95	1	1	1.866998
EV2_str	BOBJ1	95.7367	Before	Interior Girder 3	39.3167	0.95	1	1	1.807129

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelINonCompStrgth-Flx - Approach, Span 12-1									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
EV2_str	BOBJ1	95.7367	Before	Interior Girder 4	39.3167	0.95	1	1	1.807129
EV2_str	BOBJ1	95.7367	Before	Interior Girder 5	39.3167	0.95	1	1	1.866998
EV2_str	BOBJ1	95.7367	Before	Interior Girder 6	39.3167	0.95	1	1	1.946354
EV2_str	BOBJ1	95.7367	Before	Right Exterior Girder	39.3167	0.95	1	1	2.500366
EV2_str	BOBJ1	95.7367	After	Left Exterior Girder	39.3167	0.95	1	1	2.501582
EV2_str	BOBJ1	95.7367	After	Interior Girder 1	39.3167	0.95	1	1	1.939136
EV2_str	BOBJ1	95.7367	After	Interior Girder 2	39.3167	0.95	1	1	1.856194
EV2_str	BOBJ1	95.7367	After	Interior Girder 3	39.3167	0.95	1	1	1.789644
EV2_str	BOBJ1	95.7367	After	Interior Girder 4	39.3167	0.95	1	1	1.789644
EV2_str	BOBJ1	95.7367	After	Interior Girder 5	39.3167	0.95	1	1	1.856194
EV2_str	BOBJ1	95.7367	After	Interior Girder 6	39.3167	0.95	1	1	1.939136
EV2_str	BOBJ1	95.7367	After	Right Exterior Girder	39.3167	0.95	1	1	2.501582
EV2_str	BOBJ1	101.3533	Before	Left Exterior Girder	44.9333	0.95	1	1	3.127209
EV2_str	BOBJ1	101.3533	Before	Interior Girder 1	44.9333	0.95	1	1	2.268759
EV2_str	BOBJ1	101.3533	Before	Interior Girder 2	44.9333	0.95	1	1	2.15745
EV2_str	BOBJ1	101.3533	Before	Interior Girder 3	44.9333	0.95	1	1	2.092624
EV2_str	BOBJ1	101.3533	Before	Interior Girder 4	44.9333	0.95	1	1	2.092624
EV2_str	BOBJ1	101.3533	Before	Interior Girder 5	44.9333	0.95	1	1	2.15745
EV2_str	BOBJ1	101.3533	Before	Interior Girder 6	44.9333	0.95	1	1	2.268759
EV2_str	BOBJ1	101.3533	Before	Right Exterior Girder	44.9333	0.95	1	1	3.127209
EV2_str	BOBJ1	101.3533	After	Left Exterior Girder	44.9333	0.95	1	1	3.075082
EV2_str	BOBJ1	101.3533	After	Interior Girder 1	44.9333	0.95	1	1	2.287552
EV2_str	BOBJ1	101.3533	After	Interior Girder 2	44.9333	0.95	1	1	2.16287
EV2_str	BOBJ1	101.3533	After	Interior Girder 3	44.9333	0.95	1	1	2.07653
EV2_str	BOBJ1	101.3533	After	Interior Girder 4	44.9333	0.95	1	1	2.07653
EV2_str	BOBJ1	101.3533	After	Interior Girder 5	44.9333	0.95	1	1	2.16287
EV2_str	BOBJ1	101.3533	After	Interior Girder 6	44.9333	0.95	1	1	2.287552
EV2_str	BOBJ1	101.3533	After	Right Exterior Girder	44.9333	0.95	1	1	3.075082
EV2_str	BOBJ1	106.97	Before	Left Exterior Girder	50.55	0.95	1	1	4.422348
EV2_str	BOBJ1	106.97	Before	Interior Girder 1	50.55	0.95	1	1	3.260371
EV2_str	BOBJ1	106.97	Before	Interior Girder 2	50.55	0.95	1	1	2.999108
EV2_str	BOBJ1	106.97	Before	Interior Girder 3	50.55	0.95	1	1	2.913987
EV2_str	BOBJ1	106.97	Before	Interior Girder 4	50.55	0.95	1	1	2.913987
EV2_str	BOBJ1	106.97	Before	Interior Girder 5	50.55	0.95	1	1	2.999108
EV2_str	BOBJ1	106.97	Before	Interior Girder 6	50.55	0.95	1	1	3.260371
EV2_str	BOBJ1	106.97	Before	Right Exterior Girder	50.55	0.95	1	1	4.422348
EV2_str	BOBJ1	106.97	After	Left Exterior Girder	50.55	0.95	1	1	4.38225
EV2_str	BOBJ1	106.97	After	Interior Girder 1	50.55	0.95	1	1	3.270166
EV2_str	BOBJ1	106.97	After	Interior Girder 2	50.55	0.95	1	1	2.987607
EV2_str	BOBJ1	106.97	After	Interior Girder 3	50.55	0.95	1	1	2.869018
EV2_str	BOBJ1	106.97	After	Interior Girder 4	50.55	0.95	1	1	2.869018
EV2_str	BOBJ1	106.97	After	Interior Girder 5	50.55	0.95	1	1	2.987607
EV2_str	BOBJ1	106.97	After	Interior Girder 6	50.55	0.95	1	1	3.270166
EV2_str	BOBJ1	106.97	After	Right Exterior Girder	50.55	0.95	1	1	4.38225
EV2_str	BOBJ1	112.5933	Before	Left Exterior Girder	56.1733	0.95	1	1	3.956748
EV2_str	BOBJ1	112.5933	Before	Interior Girder 1	56.1733	0.95	1	1	4.162884
EV2_str	BOBJ1	112.5933	Before	Interior Girder 2	56.1733	0.95	1	1	3.972483
EV2_str	BOBJ1	112.5933	Before	Interior Girder 3	56.1733	0.95	1	1	4.015089
EV2_str	BOBJ1	112.5933	Before	Interior Girder 4	56.1733	0.95	1	1	4.015089
EV2_str	BOBJ1	112.5933	Before	Interior Girder 5	56.1733	0.95	1	1	3.972483
EV2_str	BOBJ1	112.5933	Before	Interior Girder 6	56.1733	0.95	1	1	4.162884
EV2_str	BOBJ1	112.5933	Before	Right Exterior Girder	56.1733	0.95	1	1	3.956748
EV2_str	BOBJ1	112.5933	After	Left Exterior Girder	56.1733	0.95	1	1	3.992277
EV2_str	BOBJ1	112.5933	After	Interior Girder 1	56.1733	0.95	1	1	4.132863
EV2_str	BOBJ1	112.5933	After	Interior Girder 2	56.1733	0.95	1	1	3.930852
EV2_str	BOBJ1	112.5933	After	Interior Girder 3	56.1733	0.95	1	1	3.990096
EV2_str	BOBJ1	112.5933	After	Interior Girder 4	56.1733	0.95	1	1	3.990096
EV2_str	BOBJ1	112.5933	After	Interior Girder 5	56.1733	0.95	1	1	3.930852
EV2_str	BOBJ1	112.5933	After	Interior Girder 6	56.1733	0.95	1	1	4.132863
EV2_str	BOBJ1	112.5933	After	Right Exterior Girder	56.1733	0.95	1	1	3.992277
EV2_str	BOBJ1	115.3396	Before	Left Exterior Girder	58.9196	0.95	1	1	3.187213
EV2_str	BOBJ1	115.3396	Before	Right Exterior Girder	58.9196	0.95	1	1	3.187213
EV2_str	BOBJ1	115.3396	After	Left Exterior Girder	58.9196	0.95	1	1	7.110113
EV2_str	BOBJ1	115.3396	After	Right Exterior Girder	58.9196	0.95	1	1	7.110113
EV2_str	BOBJ1	118.2167	Before	Left Exterior Girder	61.7967	0.95	1	1	6.124713

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelINonCompStrgth-Flx - Approach, Span 12-1									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
EV2_str	BOBJ1	118.2167	Before	Interior Girder 1	61.9198	0.95	1	1	2.870066
EV2_str	BOBJ1	118.2167	Before	Interior Girder 2	61.9198	0.95	1	1	2.762114
EV2_str	BOBJ1	118.2167	Before	Interior Girder 3	61.9198	0.95	1	1	2.608907
EV2_str	BOBJ1	118.2167	Before	Interior Girder 4	61.9198	0.95	1	1	2.608907
EV2_str	BOBJ1	118.2167	Before	Interior Girder 5	61.9198	0.95	1	1	2.762114
EV2_str	BOBJ1	118.2167	Before	Interior Girder 6	61.9198	0.95	1	1	2.870066
EV2_str	BOBJ1	118.2167	Before	Right Exterior Girder	61.7967	0.95	1	1	6.124713
EV2_str	BOBJ1	118.2167	After	Left Exterior Girder	61.7967	0.95	1	1	6.134679
EV2_str	BOBJ1	118.2167	After	Interior Girder 1	61.9198	0.95	1	1	4.418921
EV2_str	BOBJ1	118.2167	After	Interior Girder 2	61.9198	0.95	1	1	4.148471
EV2_str	BOBJ1	118.2167	After	Interior Girder 3	61.9198	0.95	1	1	3.989211
EV2_str	BOBJ1	118.2167	After	Interior Girder 4	61.9198	0.95	1	1	3.989211
EV2_str	BOBJ1	118.2167	After	Interior Girder 5	61.9198	0.95	1	1	4.148471
EV2_str	BOBJ1	118.2167	After	Interior Girder 6	61.9198	0.95	1	1	4.418921
EV2_str	BOBJ1	118.2167	After	Right Exterior Girder	61.7967	0.95	1	1	6.134679
EV2_str	BOBJ1	123.84	Before	Left Exterior Girder	67.42	0.95	1	1	4.19526
EV2_str	BOBJ1	123.84	Before	Interior Girder 1	67.42	0.95	1	1	2.788509
EV2_str	BOBJ1	123.84	Before	Interior Girder 2	67.42	0.95	1	1	2.606837
EV2_str	BOBJ1	123.84	Before	Interior Girder 3	67.42	0.95	1	1	2.157257
EV2_str	BOBJ1	123.84	Before	Interior Girder 4	67.42	0.95	1	1	2.157257
EV2_str	BOBJ1	123.84	Before	Interior Girder 5	67.42	0.95	1	1	2.606837
EV2_str	BOBJ1	123.84	Before	Interior Girder 6	67.42	0.95	1	1	2.788509
EV2_str	BOBJ1	123.84	Before	Right Exterior Girder	67.42	0.95	1	1	4.19526
EV2_str	BOBJ1	123.84	After	Left Exterior Girder	0	0.95	1	1	4.495162
EV2_str	BOBJ1	123.84	After	Interior Girder 1	0	0.95	1	1	3.01235
EV2_str	BOBJ1	123.84	After	Interior Girder 2	0	0.95	1	1	2.797363
EV2_str	BOBJ1	123.84	After	Interior Girder 3	0	0.95	1	1	2.329125
EV2_str	BOBJ1	123.84	After	Interior Girder 4	0	0.95	1	1	2.329125
EV2_str	BOBJ1	123.84	After	Interior Girder 5	0	0.95	1	1	2.797363
EV2_str	BOBJ1	123.84	After	Interior Girder 6	0	0.95	1	1	3.01235
EV2_str	BOBJ1	123.84	After	Right Exterior Girder	0	0.95	1	1	4.495162
EV2_str	BOBJ1	129.34	Before	Interior Girder 1	5.5	0.95	1	1	4.767424
EV2_str	BOBJ1	129.34	Before	Interior Girder 2	5.5	0.95	1	1	4.481603
EV2_str	BOBJ1	129.34	Before	Interior Girder 3	5.5	0.95	1	1	4.27614
EV2_str	BOBJ1	129.34	Before	Interior Girder 4	5.5	0.95	1	1	4.27614
EV2_str	BOBJ1	129.34	Before	Interior Girder 5	5.5	0.95	1	1	4.481603
EV2_str	BOBJ1	129.34	Before	Interior Girder 6	5.5	0.95	1	1	4.767424
EV2_str	BOBJ1	129.34	After	Interior Girder 1	5.5	0.95	1	1	3.150729
EV2_str	BOBJ1	129.34	After	Interior Girder 2	5.5	0.95	1	1	2.993661
EV2_str	BOBJ1	129.34	After	Interior Girder 3	5.5	0.95	1	1	2.82045
EV2_str	BOBJ1	129.34	After	Interior Girder 4	5.5	0.95	1	1	2.82045
EV2_str	BOBJ1	129.34	After	Interior Girder 5	5.5	0.95	1	1	2.993661
EV2_str	BOBJ1	129.34	After	Interior Girder 6	5.5	0.95	1	1	3.150729
EV2_str	BOBJ1	130.79	Before	Left Exterior Girder	6.95	0.95	1	1	7.034403
EV2_str	BOBJ1	130.79	Before	Interior Girder 1	6.95	0.95	1	1	3.501245
EV2_str	BOBJ1	130.79	Before	Interior Girder 2	6.95	0.95	1	1	3.287065
EV2_str	BOBJ1	130.79	Before	Interior Girder 3	6.95	0.95	1	1	3.176885
EV2_str	BOBJ1	130.79	Before	Interior Girder 4	6.95	0.95	1	1	3.176885
EV2_str	BOBJ1	130.79	Before	Interior Girder 5	6.95	0.95	1	1	3.287065
EV2_str	BOBJ1	130.79	Before	Interior Girder 6	6.95	0.95	1	1	3.501245
EV2_str	BOBJ1	130.79	Before	Right Exterior Girder	6.95	0.95	1	1	7.034403
EV2_str	BOBJ1	130.79	After	Left Exterior Girder	6.95	0.95	1	1	7.089624
EV2_str	BOBJ1	130.79	After	Interior Girder 1	6.95	0.95	1	1	3.484104
EV2_str	BOBJ1	130.79	After	Interior Girder 2	6.95	0.95	1	1	3.318717
EV2_str	BOBJ1	130.79	After	Interior Girder 3	6.95	0.95	1	1	3.196853
EV2_str	BOBJ1	130.79	After	Interior Girder 4	6.95	0.95	1	1	3.196853
EV2_str	BOBJ1	130.79	After	Interior Girder 5	6.95	0.95	1	1	3.318717
EV2_str	BOBJ1	130.79	After	Interior Girder 6	6.95	0.95	1	1	3.484104
EV2_str	BOBJ1	130.79	After	Right Exterior Girder	6.95	0.95	1	1	7.089624
EV2_str	BOBJ1	132.34	Before	Left Exterior Girder	8.5	0.95	1	1	7.701664
EV2_str	BOBJ1	132.34	Before	Right Exterior Girder	8.5	0.95	1	1	7.701664
EV2_str	BOBJ1	132.34	After	Left Exterior Girder	8.5	0.95	1	1	3.442761
EV2_str	BOBJ1	132.34	After	Right Exterior Girder	8.5	0.95	1	1	3.442761
EV2_str	BOBJ1	137.74	Before	Left Exterior Girder	13.9	0.95	1	1	5.078532
EV2_str	BOBJ1	137.74	Before	Interior Girder 1	13.9	0.95	1	1	4.152374

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelINonCompStrgth-Flx - Approach, Span 12-1									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
EV2_str	BOBJ1	137.74	Before	Interior Girder 2	13.9	0.95	1	1	3.758675
EV2_str	BOBJ1	137.74	Before	Interior Girder 3	13.9	0.95	1	1	3.580715
EV2_str	BOBJ1	137.74	Before	Interior Girder 4	13.9	0.95	1	1	3.580715
EV2_str	BOBJ1	137.74	Before	Interior Girder 5	13.9	0.95	1	1	3.758675
EV2_str	BOBJ1	137.74	Before	Interior Girder 6	13.9	0.95	1	1	4.152374
EV2_str	BOBJ1	137.74	Before	Right Exterior Girder	13.9	0.95	1	1	5.078532
EV2_str	BOBJ1	137.74	After	Left Exterior Girder	13.9	0.95	1	1	5.540354
EV2_str	BOBJ1	137.74	After	Interior Girder 1	13.9	0.95	1	1	4.12202
EV2_str	BOBJ1	137.74	After	Interior Girder 2	13.9	0.95	1	1	3.762495
EV2_str	BOBJ1	137.74	After	Interior Girder 3	13.9	0.95	1	1	3.647933
EV2_str	BOBJ1	137.74	After	Interior Girder 4	13.9	0.95	1	1	3.647933
EV2_str	BOBJ1	137.74	After	Interior Girder 5	13.9	0.95	1	1	3.762495
EV2_str	BOBJ1	137.74	After	Interior Girder 6	13.9	0.95	1	1	4.12202
EV2_str	BOBJ1	137.74	After	Right Exterior Girder	13.9	0.95	1	1	5.540354
EV2_str	BOBJ1	143.7733	Before	Left Exterior Girder	19.9333	0.95	1	1	3.644805
EV2_str	BOBJ1	143.7733	Before	Interior Girder 1	19.9333	0.95	1	1	2.536721
EV2_str	BOBJ1	143.7733	Before	Interior Girder 2	19.9333	0.95	1	1	2.383941
EV2_str	BOBJ1	143.7733	Before	Interior Girder 3	19.9333	0.95	1	1	2.279381
EV2_str	BOBJ1	143.7733	Before	Interior Girder 4	19.9333	0.95	1	1	2.279381
EV2_str	BOBJ1	143.7733	Before	Interior Girder 5	19.9333	0.95	1	1	2.383941
EV2_str	BOBJ1	143.7733	Before	Interior Girder 6	19.9333	0.95	1	1	2.536721
EV2_str	BOBJ1	143.7733	Before	Right Exterior Girder	19.9333	0.95	1	1	3.644805
EV2_str	BOBJ1	143.7733	After	Left Exterior Girder	19.9333	0.95	1	1	3.715984
EV2_str	BOBJ1	143.7733	After	Interior Girder 1	19.9333	0.95	1	1	2.510158
EV2_str	BOBJ1	143.7733	After	Interior Girder 2	19.9333	0.95	1	1	2.383609
EV2_str	BOBJ1	143.7733	After	Interior Girder 3	19.9333	0.95	1	1	2.316949
EV2_str	BOBJ1	143.7733	After	Interior Girder 4	19.9333	0.95	1	1	2.316949
EV2_str	BOBJ1	143.7733	After	Interior Girder 5	19.9333	0.95	1	1	2.383609
EV2_str	BOBJ1	143.7733	After	Interior Girder 6	19.9333	0.95	1	1	2.510158
EV2_str	BOBJ1	143.7733	After	Right Exterior Girder	19.9333	0.95	1	1	3.715984
EV2_str	BOBJ1	149.8067	Before	Left Exterior Girder	25.9667	0.95	1	1	2.651348
EV2_str	BOBJ1	149.8067	Before	Interior Girder 1	25.9667	0.95	1	1	2.001416
EV2_str	BOBJ1	149.8067	Before	Interior Girder 2	25.9667	0.95	1	1	1.907835
EV2_str	BOBJ1	149.8067	Before	Interior Girder 3	25.9667	0.95	1	1	1.8416
EV2_str	BOBJ1	149.8067	Before	Interior Girder 4	25.9667	0.95	1	1	1.8416
EV2_str	BOBJ1	149.8067	Before	Interior Girder 5	25.9667	0.95	1	1	1.907835
EV2_str	BOBJ1	149.8067	Before	Interior Girder 6	25.9667	0.95	1	1	2.001416
EV2_str	BOBJ1	149.8067	Before	Right Exterior Girder	25.9667	0.95	1	1	2.651348
EV2_str	BOBJ1	149.8067	After	Left Exterior Girder	25.9667	0.95	1	1	2.65457
EV2_str	BOBJ1	149.8067	After	Interior Girder 1	25.9667	0.95	1	1	2.004881
EV2_str	BOBJ1	149.8067	After	Interior Girder 2	25.9667	0.95	1	1	1.920378
EV2_str	BOBJ1	149.8067	After	Interior Girder 3	25.9667	0.95	1	1	1.866375
EV2_str	BOBJ1	149.8067	After	Interior Girder 4	25.9667	0.95	1	1	1.866375
EV2_str	BOBJ1	149.8067	After	Interior Girder 5	25.9667	0.95	1	1	1.920378
EV2_str	BOBJ1	149.8067	After	Interior Girder 6	25.9667	0.95	1	1	2.004881
EV2_str	BOBJ1	149.8067	After	Right Exterior Girder	25.9667	0.95	1	1	2.65457
EV2_str	BOBJ1	155.84	Before	Left Exterior Girder	32	0.95	1	1	2.241965
EV2_str	BOBJ1	155.84	Before	Interior Girder 1	32	0.95	1	1	1.918277
EV2_str	BOBJ1	155.84	Before	Interior Girder 2	32	0.95	1	1	1.834999
EV2_str	BOBJ1	155.84	Before	Interior Girder 3	32	0.95	1	1	1.778998
EV2_str	BOBJ1	155.84	Before	Interior Girder 4	32	0.95	1	1	1.778998
EV2_str	BOBJ1	155.84	Before	Interior Girder 5	32	0.95	1	1	1.834999
EV2_str	BOBJ1	155.84	Before	Interior Girder 6	32	0.95	1	1	1.918277
EV2_str	BOBJ1	155.84	Before	Right Exterior Girder	32	0.95	1	1	2.241965
EV2_str	BOBJ1	155.84	After	Left Exterior Girder	32	0.95	1	1	2.251317
EV2_str	BOBJ1	155.84	After	Interior Girder 1	32	0.95	1	1	1.914646
EV2_str	BOBJ1	155.84	After	Interior Girder 2	32	0.95	1	1	1.833687
EV2_str	BOBJ1	155.84	After	Interior Girder 3	32	0.95	1	1	1.783427
EV2_str	BOBJ1	155.84	After	Interior Girder 4	32	0.95	1	1	1.783427
EV2_str	BOBJ1	155.84	After	Interior Girder 5	32	0.95	1	1	1.833687
EV2_str	BOBJ1	155.84	After	Interior Girder 6	32	0.95	1	1	1.914646
EV2_str	BOBJ1	155.84	After	Right Exterior Girder	32	0.95	1	1	2.251317
EV2_str	BOBJ1	161.8733	Before	Left Exterior Girder	38.0333	0.95	1	1	2.412805
EV2_str	BOBJ1	161.8733	Before	Interior Girder 1	38.0333	0.95	1	1	1.872102
EV2_str	BOBJ1	161.8733	Before	Interior Girder 2	38.0333	0.95	1	1	1.794127

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelINonCompStrgth-Flx - Approach, Span 12-1									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
EV2_str	BOBJ1	161.8733	Before	Interior Girder 3	38.0333	0.95	1	1	1.734971
EV2_str	BOBJ1	161.8733	Before	Interior Girder 4	38.0333	0.95	1	1	1.734971
EV2_str	BOBJ1	161.8733	Before	Interior Girder 5	38.0333	0.95	1	1	1.794127
EV2_str	BOBJ1	161.8733	Before	Interior Girder 6	38.0333	0.95	1	1	1.872102
EV2_str	BOBJ1	161.8733	Before	Right Exterior Girder	38.0333	0.95	1	1	2.412805
EV2_str	BOBJ1	161.8733	After	Left Exterior Girder	38.0333	0.95	1	1	2.416135
EV2_str	BOBJ1	161.8733	After	Interior Girder 1	38.0333	0.95	1	1	1.862144
EV2_str	BOBJ1	161.8733	After	Interior Girder 2	38.0333	0.95	1	1	1.782622
EV2_str	BOBJ1	161.8733	After	Interior Girder 3	38.0333	0.95	1	1	1.716228
EV2_str	BOBJ1	161.8733	After	Interior Girder 4	38.0333	0.95	1	1	1.716228
EV2_str	BOBJ1	161.8733	After	Interior Girder 5	38.0333	0.95	1	1	1.782622
EV2_str	BOBJ1	161.8733	After	Interior Girder 6	38.0333	0.95	1	1	1.862144
EV2_str	BOBJ1	161.8733	After	Right Exterior Girder	38.0333	0.95	1	1	2.416135
EV2_str	BOBJ1	167.9067	Before	Left Exterior Girder	44.0667	0.95	1	1	2.98218
EV2_str	BOBJ1	167.9067	Before	Interior Girder 1	44.0667	0.95	1	1	2.153542
EV2_str	BOBJ1	167.9067	Before	Interior Girder 2	44.0667	0.95	1	1	2.045768
EV2_str	BOBJ1	167.9067	Before	Interior Girder 3	44.0667	0.95	1	1	1.982898
EV2_str	BOBJ1	167.9067	Before	Interior Girder 4	44.0667	0.95	1	1	1.982898
EV2_str	BOBJ1	167.9067	Before	Interior Girder 5	44.0667	0.95	1	1	2.045768
EV2_str	BOBJ1	167.9067	Before	Interior Girder 6	44.0667	0.95	1	1	2.153542
EV2_str	BOBJ1	167.9067	Before	Right Exterior Girder	44.0667	0.95	1	1	2.98218
EV2_str	BOBJ1	167.9067	After	Left Exterior Girder	44.0667	0.95	1	1	2.931229
EV2_str	BOBJ1	167.9067	After	Interior Girder 1	44.0667	0.95	1	1	2.171646
EV2_str	BOBJ1	167.9067	After	Interior Girder 2	44.0667	0.95	1	1	2.051239
EV2_str	BOBJ1	167.9067	After	Interior Girder 3	44.0667	0.95	1	1	1.965704
EV2_str	BOBJ1	167.9067	After	Interior Girder 4	44.0667	0.95	1	1	1.965704
EV2_str	BOBJ1	167.9067	After	Interior Girder 5	44.0667	0.95	1	1	2.051239
EV2_str	BOBJ1	167.9067	After	Interior Girder 6	44.0667	0.95	1	1	2.171646
EV2_str	BOBJ1	167.9067	After	Right Exterior Girder	44.0667	0.95	1	1	2.931229
EV2_str	BOBJ1	173.94	Before	Left Exterior Girder	50.1	0.95	1	1	4.229066
EV2_str	BOBJ1	173.94	Before	Interior Girder 1	50.1	0.95	1	1	3.127202
EV2_str	BOBJ1	173.94	Before	Interior Girder 2	50.1	0.95	1	1	2.863957
EV2_str	BOBJ1	173.94	Before	Interior Girder 3	50.1	0.95	1	1	2.772872
EV2_str	BOBJ1	173.94	Before	Interior Girder 4	50.1	0.95	1	1	2.772872
EV2_str	BOBJ1	173.94	Before	Interior Girder 5	50.1	0.95	1	1	2.863957
EV2_str	BOBJ1	173.94	Before	Interior Girder 6	50.1	0.95	1	1	3.127202
EV2_str	BOBJ1	173.94	Before	Right Exterior Girder	50.1	0.95	1	1	4.229066
EV2_str	BOBJ1	173.94	After	Left Exterior Girder	50.1	0.95	1	1	4.187356
EV2_str	BOBJ1	173.94	After	Interior Girder 1	50.1	0.95	1	1	3.136528
EV2_str	BOBJ1	173.94	After	Interior Girder 2	50.1	0.95	1	1	2.852689
EV2_str	BOBJ1	173.94	After	Interior Girder 3	50.1	0.95	1	1	2.733116
EV2_str	BOBJ1	173.94	After	Interior Girder 4	50.1	0.95	1	1	2.733116
EV2_str	BOBJ1	173.94	After	Interior Girder 5	50.1	0.95	1	1	2.852689
EV2_str	BOBJ1	173.94	After	Interior Girder 6	50.1	0.95	1	1	3.136528
EV2_str	BOBJ1	173.94	After	Right Exterior Girder	50.1	0.95	1	1	4.187356
EV2_str	BOBJ1	179.98	Before	Left Exterior Girder	56.14	0.95	1	1	5.170413
EV2_str	BOBJ1	179.98	Before	Interior Girder 1	56.14	0.95	1	1	5.009284
EV2_str	BOBJ1	179.98	Before	Interior Girder 2	56.14	0.95	1	1	4.508715
EV2_str	BOBJ1	179.98	Before	Interior Girder 3	56.14	0.95	1	1	4.227649
EV2_str	BOBJ1	179.98	Before	Interior Girder 4	56.14	0.95	1	1	4.227649
EV2_str	BOBJ1	179.98	Before	Interior Girder 5	56.14	0.95	1	1	4.508715
EV2_str	BOBJ1	179.98	Before	Interior Girder 6	56.14	0.95	1	1	5.009284
EV2_str	BOBJ1	179.98	Before	Right Exterior Girder	56.14	0.95	1	1	5.170413
EV2_str	BOBJ1	179.98	After	Left Exterior Girder	56.14	0.95	1	1	5.226606
EV2_str	BOBJ1	179.98	After	Interior Girder 1	56.14	0.95	1	1	4.966012
EV2_str	BOBJ1	179.98	After	Interior Girder 2	56.14	0.95	1	1	4.486598
EV2_str	BOBJ1	179.98	After	Interior Girder 3	56.14	0.95	1	1	4.09293
EV2_str	BOBJ1	179.98	After	Interior Girder 4	56.14	0.95	1	1	4.09293
EV2_str	BOBJ1	179.98	After	Interior Girder 5	56.14	0.95	1	1	4.486598
EV2_str	BOBJ1	179.98	After	Interior Girder 6	56.14	0.95	1	1	4.966012
EV2_str	BOBJ1	179.98	After	Right Exterior Girder	56.14	0.95	1	1	5.226606
EV2_str	BOBJ1	183.56	Before	Left Exterior Girder	59.72	0.95	1	1	3.921679
EV2_str	BOBJ1	183.56	Before	Right Exterior Girder	59.72	0.95	1	1	3.921679
EV2_str	BOBJ1	183.56	After	Left Exterior Girder	59.72	0.95	1	1	9.482293
EV2_str	BOBJ1	183.56	After	Right Exterior Girder	59.72	0.95	1	1	9.482293

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelINonCompStrgth-Flx - Approach, Span 12-1									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
EV2_str	BOBJ1	186.02	Before	Left Exterior Girder	62.18	0.95	1	1	8.359384
EV2_str	BOBJ1	186.02	Before	Interior Girder 1	62.22	0.95	1	1	3.518513
EV2_str	BOBJ1	186.02	Before	Interior Girder 2	62.22	0.95	1	1	3.360953
EV2_str	BOBJ1	186.02	Before	Interior Girder 3	62.22	0.95	1	1	3.090271
EV2_str	BOBJ1	186.02	Before	Interior Girder 4	62.22	0.95	1	1	3.090271
EV2_str	BOBJ1	186.02	Before	Interior Girder 5	62.22	0.95	1	1	3.360953
EV2_str	BOBJ1	186.02	Before	Interior Girder 6	62.22	0.95	1	1	3.518513
EV2_str	BOBJ1	186.02	Before	Right Exterior Girder	62.18	0.95	1	1	8.359384
EV2_str	BOBJ1	186.02	After	Left Exterior Girder	62.18	0.95	1	1	8.410109
EV2_str	BOBJ1	186.02	After	Interior Girder 1	62.22	0.95	1	1	5.736833
EV2_str	BOBJ1	186.02	After	Interior Girder 2	62.22	0.95	1	1	5.305293
EV2_str	BOBJ1	186.02	After	Interior Girder 3	62.22	0.95	1	1	4.96746
EV2_str	BOBJ1	186.02	After	Interior Girder 4	62.22	0.95	1	1	4.96746
EV2_str	BOBJ1	186.02	After	Interior Girder 5	62.22	0.95	1	1	5.305293
EV2_str	BOBJ1	186.02	After	Interior Girder 6	62.22	0.95	1	1	5.736833
EV2_str	BOBJ1	186.02	After	Right Exterior Girder	62.18	0.95	1	1	8.410109
EV2_str	BOBJ1	192.06	Before	Left Exterior Girder	68.22	0.95	1	1	4.056769
EV2_str	BOBJ1	192.06	Before	Interior Girder 1	68.22	0.95	1	1	2.665865
EV2_str	BOBJ1	192.06	Before	Interior Girder 2	68.22	0.95	1	1	2.544254
EV2_str	BOBJ1	192.06	Before	Interior Girder 3	68.22	0.95	1	1	2.146714
EV2_str	BOBJ1	192.06	Before	Interior Girder 4	68.22	0.95	1	1	2.146714
EV2_str	BOBJ1	192.06	Before	Interior Girder 5	68.22	0.95	1	1	2.544254
EV2_str	BOBJ1	192.06	Before	Interior Girder 6	68.22	0.95	1	1	2.665865
EV2_str	BOBJ1	192.06	Before	Right Exterior Girder	68.22	0.95	1	1	4.056769
EV2_str	BOBJ1	192.06	After	Left Exterior Girder	0	0.95	1	1	5.0187
EV2_str	BOBJ1	192.06	After	Interior Girder 1	0	0.95	1	1	3.906079
EV2_str	BOBJ1	192.06	After	Interior Girder 2	0	0.95	1	1	3.533141
EV2_str	BOBJ1	192.06	After	Interior Girder 3	0	0.95	1	1	3.041143
EV2_str	BOBJ1	192.06	After	Interior Girder 4	0	0.95	1	1	3.041143
EV2_str	BOBJ1	192.06	After	Interior Girder 5	0	0.95	1	1	3.533141
EV2_str	BOBJ1	192.06	After	Interior Girder 6	0	0.95	1	1	3.906079
EV2_str	BOBJ1	192.06	After	Right Exterior Girder	0	0.95	1	1	5.0187
EV2_str	BOBJ1	197.087	Before	Interior Girder 1	5.027	0.95	1	1	5.005191
EV2_str	BOBJ1	197.087	Before	Interior Girder 2	5.027	0.95	1	1	4.677957
EV2_str	BOBJ1	197.087	Before	Interior Girder 3	5.027	0.95	1	1	4.582239
EV2_str	BOBJ1	197.087	Before	Interior Girder 4	5.027	0.95	1	1	4.582239
EV2_str	BOBJ1	197.087	Before	Interior Girder 5	5.027	0.95	1	1	4.677957
EV2_str	BOBJ1	197.087	Before	Interior Girder 6	5.027	0.95	1	1	5.005191
EV2_str	BOBJ1	197.087	After	Interior Girder 1	5.027	0.95	1	1	3.120959
EV2_str	BOBJ1	197.087	After	Interior Girder 2	5.027	0.95	1	1	2.933624
EV2_str	BOBJ1	197.087	After	Interior Girder 3	5.027	0.95	1	1	2.849405
EV2_str	BOBJ1	197.087	After	Interior Girder 4	5.027	0.95	1	1	2.849405
EV2_str	BOBJ1	197.087	After	Interior Girder 5	5.027	0.95	1	1	2.933624
EV2_str	BOBJ1	197.087	After	Interior Girder 6	5.027	0.95	1	1	3.120959
EV2_str	BOBJ1	197.91	Before	Left Exterior Girder	5.85	0.95	1	1	6.954641
EV2_str	BOBJ1	197.91	Before	Interior Girder 1	5.85	0.95	1	1	3.302793
EV2_str	BOBJ1	197.91	Before	Interior Girder 2	5.85	0.95	1	1	3.078358
EV2_str	BOBJ1	197.91	Before	Interior Girder 3	5.85	0.95	1	1	3.045155
EV2_str	BOBJ1	197.91	Before	Interior Girder 4	5.85	0.95	1	1	3.045155
EV2_str	BOBJ1	197.91	Before	Interior Girder 5	5.85	0.95	1	1	3.078358
EV2_str	BOBJ1	197.91	Before	Interior Girder 6	5.85	0.95	1	1	3.302793
EV2_str	BOBJ1	197.91	Before	Right Exterior Girder	5.85	0.95	1	1	6.954641
EV2_str	BOBJ1	197.91	After	Left Exterior Girder	5.85	0.95	1	1	5.895783
EV2_str	BOBJ1	197.91	After	Interior Girder 1	5.85	0.95	1	1	2.748979
EV2_str	BOBJ1	197.91	After	Interior Girder 2	5.85	0.95	1	1	2.592418
EV2_str	BOBJ1	197.91	After	Interior Girder 3	5.85	0.95	1	1	2.536577
EV2_str	BOBJ1	197.91	After	Interior Girder 4	5.85	0.95	1	1	2.536577
EV2_str	BOBJ1	197.91	After	Interior Girder 5	5.85	0.95	1	1	2.592418
EV2_str	BOBJ1	197.91	After	Interior Girder 6	5.85	0.95	1	1	2.748979
EV2_str	BOBJ1	197.91	After	Right Exterior Girder	5.85	0.95	1	1	5.895783
EV2_str	BOBJ1	199.1816	Before	Left Exterior Girder	7.1216	0.95	1	1	6.312253
EV2_str	BOBJ1	199.1816	Before	Right Exterior Girder	7.1216	0.95	1	1	6.312253
EV2_str	BOBJ1	199.1816	After	Left Exterior Girder	7.1216	0.95	1	1	2.533115
EV2_str	BOBJ1	199.1816	After	Right Exterior Girder	7.1216	0.95	1	1	2.533115
EV2_str	BOBJ1	203.5267	Before	Left Exterior Girder	11.3107	0.95	1	1	3.64892

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelINonCompStrgth-Flx - Approach, Span 12-1									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
EV2_str	BOBJ1	203.5267	Before	Interior Girder 1	11.3107	0.95	1	1	3.904167
EV2_str	BOBJ1	203.5267	Before	Interior Girder 2	11.3107	0.95	1	1	3.685557
EV2_str	BOBJ1	203.5267	Before	Interior Girder 3	11.3107	0.95	1	1	3.49409
EV2_str	BOBJ1	203.5267	Before	Interior Girder 4	11.3107	0.95	1	1	3.49409
EV2_str	BOBJ1	203.5267	Before	Interior Girder 5	11.3107	0.95	1	1	3.685557
EV2_str	BOBJ1	203.5267	Before	Interior Girder 6	11.3107	0.95	1	1	3.904167
EV2_str	BOBJ1	203.5267	Before	Right Exterior Girder	11.3107	0.95	1	1	3.64892
EV2_str	BOBJ1	203.5267	After	Left Exterior Girder	11.3107	0.95	1	1	5.873995
EV2_str	BOBJ1	203.5267	After	Interior Girder 1	11.3107	0.95	1	1	6.185156
EV2_str	BOBJ1	203.5267	After	Interior Girder 2	11.3107	0.95	1	1	5.819553
EV2_str	BOBJ1	203.5267	After	Interior Girder 3	11.3107	0.95	1	1	5.560236
EV2_str	BOBJ1	203.5267	After	Interior Girder 4	11.3107	0.95	1	1	5.560236
EV2_str	BOBJ1	203.5267	After	Interior Girder 5	11.3107	0.95	1	1	5.819553
EV2_str	BOBJ1	203.5267	After	Interior Girder 6	11.3107	0.95	1	1	6.185156
EV2_str	BOBJ1	203.5267	After	Right Exterior Girder	11.3107	0.95	1	1	5.873995
EV2_str	BOBJ1	209.1433	Before	Left Exterior Girder	17.0833	0.95	1	1	5.917267
EV2_str	BOBJ1	209.1433	Before	Interior Girder 1	17.0833	0.95	1	1	3.994371
EV2_str	BOBJ1	209.1433	Before	Interior Girder 2	17.0833	0.95	1	1	3.726039
EV2_str	BOBJ1	209.1433	Before	Interior Girder 3	17.0833	0.95	1	1	3.58564
EV2_str	BOBJ1	209.1433	Before	Interior Girder 4	17.0833	0.95	1	1	3.58564
EV2_str	BOBJ1	209.1433	Before	Interior Girder 5	17.0833	0.95	1	1	3.726039
EV2_str	BOBJ1	209.1433	Before	Interior Girder 6	17.0833	0.95	1	1	3.994371
EV2_str	BOBJ1	209.1433	Before	Right Exterior Girder	17.0833	0.95	1	1	5.917267
EV2_str	BOBJ1	209.1433	After	Left Exterior Girder	17.0833	0.95	1	1	5.881123
EV2_str	BOBJ1	209.1433	After	Interior Girder 1	17.0833	0.95	1	1	4.014499
EV2_str	BOBJ1	209.1433	After	Interior Girder 2	17.0833	0.95	1	1	3.772391
EV2_str	BOBJ1	209.1433	After	Interior Girder 3	17.0833	0.95	1	1	3.678703
EV2_str	BOBJ1	209.1433	After	Interior Girder 4	17.0833	0.95	1	1	3.678703
EV2_str	BOBJ1	209.1433	After	Interior Girder 5	17.0833	0.95	1	1	3.772391
EV2_str	BOBJ1	209.1433	After	Interior Girder 6	17.0833	0.95	1	1	4.014499
EV2_str	BOBJ1	209.1433	After	Right Exterior Girder	17.0833	0.95	1	1	5.881123
EV2_str	BOBJ1	214.76	Before	Left Exterior Girder	22.7	0.95	1	1	4.11174
EV2_str	BOBJ1	214.76	Before	Interior Girder 1	22.7	0.95	1	1	3.232337
EV2_str	BOBJ1	214.76	Before	Interior Girder 2	22.7	0.95	1	1	3.02694
EV2_str	BOBJ1	214.76	Before	Interior Girder 3	22.7	0.95	1	1	2.936941
EV2_str	BOBJ1	214.76	Before	Interior Girder 4	22.7	0.95	1	1	2.936941
EV2_str	BOBJ1	214.76	Before	Interior Girder 5	22.7	0.95	1	1	3.02694
EV2_str	BOBJ1	214.76	Before	Interior Girder 6	22.7	0.95	1	1	3.232337
EV2_str	BOBJ1	214.76	Before	Right Exterior Girder	22.7	0.95	1	1	4.11174
EV2_str	BOBJ1	214.76	After	Left Exterior Girder	22.7	0.95	1	1	4.141135
EV2_str	BOBJ1	214.76	After	Interior Girder 1	22.7	0.95	1	1	3.221122
EV2_str	BOBJ1	214.76	After	Interior Girder 2	22.7	0.95	1	1	3.035412
EV2_str	BOBJ1	214.76	After	Interior Girder 3	22.7	0.95	1	1	2.956923
EV2_str	BOBJ1	214.76	After	Interior Girder 4	22.7	0.95	1	1	2.956923
EV2_str	BOBJ1	214.76	After	Interior Girder 5	22.7	0.95	1	1	3.035412
EV2_str	BOBJ1	214.76	After	Interior Girder 6	22.7	0.95	1	1	3.221122
EV2_str	BOBJ1	214.76	After	Right Exterior Girder	22.7	0.95	1	1	4.141135
EV2_str	BOBJ1	220.3767	Before	Left Exterior Girder	28.3167	0.95	1	1	3.694205
EV2_str	BOBJ1	220.3767	Before	Interior Girder 1	28.3167	0.95	1	1	2.757414
EV2_str	BOBJ1	220.3767	Before	Interior Girder 2	28.3167	0.95	1	1	2.611743
EV2_str	BOBJ1	220.3767	Before	Interior Girder 3	28.3167	0.95	1	1	2.502268
EV2_str	BOBJ1	220.3767	Before	Interior Girder 4	28.3167	0.95	1	1	2.502268
EV2_str	BOBJ1	220.3767	Before	Interior Girder 5	28.3167	0.95	1	1	2.611743
EV2_str	BOBJ1	220.3767	Before	Interior Girder 6	28.3167	0.95	1	1	2.757414
EV2_str	BOBJ1	220.3767	Before	Right Exterior Girder	28.3167	0.95	1	1	3.694205
EV2_str	BOBJ1	220.3767	After	Left Exterior Girder	28.3167	0.95	1	1	3.717809
EV2_str	BOBJ1	220.3767	After	Interior Girder 1	28.3167	0.95	1	1	2.752661
EV2_str	BOBJ1	220.3767	After	Interior Girder 2	28.3167	0.95	1	1	2.615635
EV2_str	BOBJ1	220.3767	After	Interior Girder 3	28.3167	0.95	1	1	2.517454
EV2_str	BOBJ1	220.3767	After	Interior Girder 4	28.3167	0.95	1	1	2.517454
EV2_str	BOBJ1	220.3767	After	Interior Girder 5	28.3167	0.95	1	1	2.615635
EV2_str	BOBJ1	220.3767	After	Interior Girder 6	28.3167	0.95	1	1	2.752661
EV2_str	BOBJ1	220.3767	After	Right Exterior Girder	28.3167	0.95	1	1	3.717809
EV2_str	BOBJ1	225.9933	Before	Left Exterior Girder	33.9333	0.95	1	1	3.526685
EV2_str	BOBJ1	225.9933	Before	Interior Girder 1	33.9333	0.95	1	1	2.623931

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelINonCompStrgth-Flx - Approach, Span 12-1									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
EV2_str	BOBJ1	225.9933	Before	Interior Girder 2	33.9333	0.95	1	1	2.506634
EV2_str	BOBJ1	225.9933	Before	Interior Girder 3	33.9333	0.95	1	1	2.418652
EV2_str	BOBJ1	225.9933	Before	Interior Girder 4	33.9333	0.95	1	1	2.418652
EV2_str	BOBJ1	225.9933	Before	Interior Girder 5	33.9333	0.95	1	1	2.506634
EV2_str	BOBJ1	225.9933	Before	Interior Girder 6	33.9333	0.95	1	1	2.623931
EV2_str	BOBJ1	225.9933	Before	Right Exterior Girder	33.9333	0.95	1	1	3.526685
EV2_str	BOBJ1	225.9933	After	Left Exterior Girder	33.9333	0.95	1	1	3.508883
EV2_str	BOBJ1	225.9933	After	Interior Girder 1	33.9333	0.95	1	1	2.629611
EV2_str	BOBJ1	225.9933	After	Interior Girder 2	33.9333	0.95	1	1	2.50323
EV2_str	BOBJ1	225.9933	After	Interior Girder 3	33.9333	0.95	1	1	2.40345
EV2_str	BOBJ1	225.9933	After	Interior Girder 4	33.9333	0.95	1	1	2.40345
EV2_str	BOBJ1	225.9933	After	Interior Girder 5	33.9333	0.95	1	1	2.50323
EV2_str	BOBJ1	225.9933	After	Interior Girder 6	33.9333	0.95	1	1	2.629611
EV2_str	BOBJ1	225.9933	After	Right Exterior Girder	33.9333	0.95	1	1	3.508883
EV2_str	BOBJ1	231.61	Before	Left Exterior Girder	39.55	0.95	1	1	3.662624
EV2_str	BOBJ1	231.61	Before	Interior Girder 1	39.55	0.95	1	1	2.866156
EV2_str	BOBJ1	231.61	Before	Interior Girder 2	39.55	0.95	1	1	2.715248
EV2_str	BOBJ1	231.61	Before	Interior Girder 3	39.55	0.95	1	1	2.62528
EV2_str	BOBJ1	231.61	Before	Interior Girder 4	39.55	0.95	1	1	2.62528
EV2_str	BOBJ1	231.61	Before	Interior Girder 5	39.55	0.95	1	1	2.715248
EV2_str	BOBJ1	231.61	Before	Interior Girder 6	39.55	0.95	1	1	2.866156
EV2_str	BOBJ1	231.61	Before	Right Exterior Girder	39.55	0.95	1	1	3.662624
EV2_str	BOBJ1	231.61	After	Left Exterior Girder	39.55	0.95	1	1	3.652868
EV2_str	BOBJ1	231.61	After	Interior Girder 1	39.55	0.95	1	1	2.867335
EV2_str	BOBJ1	231.61	After	Interior Girder 2	39.55	0.95	1	1	2.694261
EV2_str	BOBJ1	231.61	After	Interior Girder 3	39.55	0.95	1	1	2.590066
EV2_str	BOBJ1	231.61	After	Interior Girder 4	39.55	0.95	1	1	2.590066
EV2_str	BOBJ1	231.61	After	Interior Girder 5	39.55	0.95	1	1	2.694261
EV2_str	BOBJ1	231.61	After	Interior Girder 6	39.55	0.95	1	1	2.867335
EV2_str	BOBJ1	231.61	After	Right Exterior Girder	39.55	0.95	1	1	3.652868
EV2_str	BOBJ1	237.37	Before	Left Exterior Girder	45.31	0.95	1	1	5.009138
EV2_str	BOBJ1	237.37	Before	Interior Girder 1	45.31	0.95	1	1	3.413721
EV2_str	BOBJ1	237.37	Before	Interior Girder 2	45.31	0.95	1	1	3.243595
EV2_str	BOBJ1	237.37	Before	Interior Girder 3	45.31	0.95	1	1	3.031913
EV2_str	BOBJ1	237.37	Before	Interior Girder 4	45.31	0.95	1	1	3.031913
EV2_str	BOBJ1	237.37	Before	Interior Girder 5	45.31	0.95	1	1	3.243595
EV2_str	BOBJ1	237.37	Before	Interior Girder 6	45.31	0.95	1	1	3.413721
EV2_str	BOBJ1	237.37	Before	Right Exterior Girder	45.31	0.95	1	1	5.009138
EV2_str	BOBJ1	237.37	After	Left Exterior Girder	45.31	0.95	1	1	5.007769
EV2_str	BOBJ1	237.37	After	Interior Girder 1	45.31	0.95	1	1	3.398289
EV2_str	BOBJ1	237.37	After	Interior Girder 2	45.31	0.95	1	1	3.184155
EV2_str	BOBJ1	237.37	After	Interior Girder 3	45.31	0.95	1	1	2.928008
EV2_str	BOBJ1	237.37	After	Interior Girder 4	45.31	0.95	1	1	2.928008
EV2_str	BOBJ1	237.37	After	Interior Girder 5	45.31	0.95	1	1	3.184155
EV2_str	BOBJ1	237.37	After	Interior Girder 6	45.31	0.95	1	1	3.398289
EV2_str	BOBJ1	237.37	After	Right Exterior Girder	45.31	0.95	1	1	5.007769
EV2_str	BOBJ1	243.13	Before	Left Exterior Girder	51.07	0.95	1	1	9.791963
EV2_str	BOBJ1	243.13	Before	Interior Girder 1	51.07	0.95	1	1	5.711977
EV2_str	BOBJ1	243.13	Before	Interior Girder 2	51.07	0.95	1	1	5.395202
EV2_str	BOBJ1	243.13	Before	Interior Girder 3	51.07	0.95	1	1	4.700947
EV2_str	BOBJ1	243.13	Before	Interior Girder 4	51.07	0.95	1	1	4.700947
EV2_str	BOBJ1	243.13	Before	Interior Girder 5	51.07	0.95	1	1	5.395202
EV2_str	BOBJ1	243.13	Before	Interior Girder 6	51.07	0.95	1	1	5.711977
EV2_str	BOBJ1	243.13	Before	Right Exterior Girder	51.07	0.95	1	1	9.791963
EV2_str	BOBJ1	243.13	After	Left Exterior Girder	51.07	0.95	1	1	9.749406
EV2_str	BOBJ1	243.13	After	Interior Girder 1	51.07	0.95	1	1	5.653776
EV2_str	BOBJ1	243.13	After	Interior Girder 2	51.07	0.95	1	1	5.258632
EV2_str	BOBJ1	243.13	After	Interior Girder 3	51.07	0.95	1	1	4.490742
EV2_str	BOBJ1	243.13	After	Interior Girder 4	51.07	0.95	1	1	4.490742
EV2_str	BOBJ1	243.13	After	Interior Girder 5	51.07	0.95	1	1	5.258632
EV2_str	BOBJ1	243.13	After	Interior Girder 6	51.07	0.95	1	1	5.653776
EV2_str	BOBJ1	243.13	After	Right Exterior Girder	51.07	0.95	1	1	9.749406
EV2_str	BOBJ1	248.89	Before	Left Exterior Girder	56.83	0.95	1	1	487.291623
EV2_str	BOBJ1	248.89	Before	Interior Girder 1	56.83	0.95	1	1	445.111121
EV2_str	BOBJ1	248.89	Before	Interior Girder 2	56.83	0.95	1	1	265.684803

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelINonCompStrgth-Flx - Approach, Span 12-1									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
EV2_str	BOBJ1	248.89	Before	Interior Girder 3	56.83	0.95	1	1	207.237784
EV2_str	BOBJ1	248.89	Before	Interior Girder 4	56.83	0.95	1	1	207.237784
EV2_str	BOBJ1	248.89	Before	Interior Girder 5	56.83	0.95	1	1	265.684803
EV2_str	BOBJ1	248.89	Before	Interior Girder 6	56.83	0.95	1	1	445.111121
EV2_str	BOBJ1	248.89	Before	Right Exterior Girder	56.83	0.95	1	1	487.291623
EV3_str	BOBJ1	0	After	Left Exterior Girder	0	0.95	1	1	181.827053
EV3_str	BOBJ1	0	After	Interior Girder 1	0	0.95	1	1	166.916642
EV3_str	BOBJ1	0	After	Interior Girder 2	0	0.95	1	1	120.796928
EV3_str	BOBJ1	0	After	Interior Girder 3	0	0.95	1	1	97.779181
EV3_str	BOBJ1	0	After	Interior Girder 4	0	0.95	1	1	97.779181
EV3_str	BOBJ1	0	After	Interior Girder 5	0	0.95	1	1	120.796928
EV3_str	BOBJ1	0	After	Interior Girder 6	0	0.95	1	1	166.916642
EV3_str	BOBJ1	0	After	Right Exterior Girder	0	0.95	1	1	181.827053
EV3_str	BOBJ1	5.85	Before	Left Exterior Girder	5.85	0.95	1	1	4.584592
EV3_str	BOBJ1	5.85	Before	Interior Girder 1	5.85	0.95	1	1	3.122637
EV3_str	BOBJ1	5.85	Before	Interior Girder 2	5.85	0.95	1	1	2.896779
EV3_str	BOBJ1	5.85	Before	Interior Girder 3	5.85	0.95	1	1	2.509296
EV3_str	BOBJ1	5.85	Before	Interior Girder 4	5.85	0.95	1	1	2.509296
EV3_str	BOBJ1	5.85	Before	Interior Girder 5	5.85	0.95	1	1	2.896779
EV3_str	BOBJ1	5.85	Before	Interior Girder 6	5.85	0.95	1	1	3.122637
EV3_str	BOBJ1	5.85	Before	Right Exterior Girder	5.85	0.95	1	1	4.584592
EV3_str	BOBJ1	5.85	After	Left Exterior Girder	5.85	0.95	1	1	4.612696
EV3_str	BOBJ1	5.85	After	Interior Girder 1	5.85	0.95	1	1	3.128374
EV3_str	BOBJ1	5.85	After	Interior Girder 2	5.85	0.95	1	1	2.933136
EV3_str	BOBJ1	5.85	After	Interior Girder 3	5.85	0.95	1	1	2.616761
EV3_str	BOBJ1	5.85	After	Interior Girder 4	5.85	0.95	1	1	2.616761
EV3_str	BOBJ1	5.85	After	Interior Girder 5	5.85	0.95	1	1	2.933136
EV3_str	BOBJ1	5.85	After	Interior Girder 6	5.85	0.95	1	1	3.128374
EV3_str	BOBJ1	5.85	After	Right Exterior Girder	5.85	0.95	1	1	4.612696
EV3_str	BOBJ1	11.4667	Before	Left Exterior Girder	11.4667	0.95	1	1	2.5199
EV3_str	BOBJ1	11.4667	Before	Interior Girder 1	11.4667	0.95	1	1	1.760923
EV3_str	BOBJ1	11.4667	Before	Interior Girder 2	11.4667	0.95	1	1	1.659598
EV3_str	BOBJ1	11.4667	Before	Interior Girder 3	11.4667	0.95	1	1	1.527793
EV3_str	BOBJ1	11.4667	Before	Interior Girder 4	11.4667	0.95	1	1	1.527793
EV3_str	BOBJ1	11.4667	Before	Interior Girder 5	11.4667	0.95	1	1	1.659598
EV3_str	BOBJ1	11.4667	Before	Interior Girder 6	11.4667	0.95	1	1	1.760923
EV3_str	BOBJ1	11.4667	Before	Right Exterior Girder	11.4667	0.95	1	1	2.5199
EV3_str	BOBJ1	11.4667	After	Left Exterior Girder	11.4667	0.95	1	1	2.556693
EV3_str	BOBJ1	11.4667	After	Interior Girder 1	11.4667	0.95	1	1	1.750355
EV3_str	BOBJ1	11.4667	After	Interior Girder 2	11.4667	0.95	1	1	1.67531
EV3_str	BOBJ1	11.4667	After	Interior Girder 3	11.4667	0.95	1	1	1.565725
EV3_str	BOBJ1	11.4667	After	Interior Girder 4	11.4667	0.95	1	1	1.565725
EV3_str	BOBJ1	11.4667	After	Interior Girder 5	11.4667	0.95	1	1	1.67531
EV3_str	BOBJ1	11.4667	After	Interior Girder 6	11.4667	0.95	1	1	1.750355
EV3_str	BOBJ1	11.4667	After	Right Exterior Girder	11.4667	0.95	1	1	2.556693
EV3_str	BOBJ1	17.0833	Before	Left Exterior Girder	17.0833	0.95	1	1	1.901386
EV3_str	BOBJ1	17.0833	Before	Interior Girder 1	17.0833	0.95	1	1	1.41706
EV3_str	BOBJ1	17.0833	Before	Interior Girder 2	17.0833	0.95	1	1	1.346295
EV3_str	BOBJ1	17.0833	Before	Interior Girder 3	17.0833	0.95	1	1	1.290395
EV3_str	BOBJ1	17.0833	Before	Interior Girder 4	17.0833	0.95	1	1	1.290395
EV3_str	BOBJ1	17.0833	Before	Interior Girder 5	17.0833	0.95	1	1	1.346295
EV3_str	BOBJ1	17.0833	Before	Interior Girder 6	17.0833	0.95	1	1	1.41706
EV3_str	BOBJ1	17.0833	Before	Right Exterior Girder	17.0833	0.95	1	1	1.901386
EV3_str	BOBJ1	17.0833	After	Left Exterior Girder	17.0833	0.95	1	1	1.89883
EV3_str	BOBJ1	17.0833	After	Interior Girder 1	17.0833	0.95	1	1	1.416621
EV3_str	BOBJ1	17.0833	After	Interior Girder 2	17.0833	0.95	1	1	1.357784
EV3_str	BOBJ1	17.0833	After	Interior Girder 3	17.0833	0.95	1	1	1.304426
EV3_str	BOBJ1	17.0833	After	Interior Girder 4	17.0833	0.95	1	1	1.304426
EV3_str	BOBJ1	17.0833	After	Interior Girder 5	17.0833	0.95	1	1	1.357784
EV3_str	BOBJ1	17.0833	After	Interior Girder 6	17.0833	0.95	1	1	1.416621
EV3_str	BOBJ1	17.0833	After	Right Exterior Girder	17.0833	0.95	1	1	1.89883
EV3_str	BOBJ1	22.7	Before	Left Exterior Girder	22.7	0.95	1	1	1.6704
EV3_str	BOBJ1	22.7	Before	Interior Girder 1	22.7	0.95	1	1	1.362696
EV3_str	BOBJ1	22.7	Before	Interior Girder 2	22.7	0.95	1	1	1.301798
EV3_str	BOBJ1	22.7	Before	Interior Girder 3	22.7	0.95	1	1	1.271301

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelINonCompStrgth-Flx - Approach, Span 12-1									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
EV3_str	BOBJ1	22.7	Before	Interior Girder 4	22.7	0.95	1	1	1.271301
EV3_str	BOBJ1	22.7	Before	Interior Girder 5	22.7	0.95	1	1	1.301798
EV3_str	BOBJ1	22.7	Before	Interior Girder 6	22.7	0.95	1	1	1.362696
EV3_str	BOBJ1	22.7	Before	Right Exterior Girder	22.7	0.95	1	1	1.6704
EV3_str	BOBJ1	22.7	After	Left Exterior Girder	22.7	0.95	1	1	1.676772
EV3_str	BOBJ1	22.7	After	Interior Girder 1	22.7	0.95	1	1	1.358326
EV3_str	BOBJ1	22.7	After	Interior Girder 2	22.7	0.95	1	1	1.302187
EV3_str	BOBJ1	22.7	After	Interior Girder 3	22.7	0.95	1	1	1.271751
EV3_str	BOBJ1	22.7	After	Interior Girder 4	22.7	0.95	1	1	1.271751
EV3_str	BOBJ1	22.7	After	Interior Girder 5	22.7	0.95	1	1	1.302187
EV3_str	BOBJ1	22.7	After	Interior Girder 6	22.7	0.95	1	1	1.358326
EV3_str	BOBJ1	22.7	After	Right Exterior Girder	22.7	0.95	1	1	1.676772
EV3_str	BOBJ1	28.3167	Before	Left Exterior Girder	28.3167	0.95	1	1	1.840337
EV3_str	BOBJ1	28.3167	Before	Interior Girder 1	28.3167	0.95	1	1	1.381829
EV3_str	BOBJ1	28.3167	Before	Interior Girder 2	28.3167	0.95	1	1	1.326326
EV3_str	BOBJ1	28.3167	Before	Interior Girder 3	28.3167	0.95	1	1	1.291053
EV3_str	BOBJ1	28.3167	Before	Interior Girder 4	28.3167	0.95	1	1	1.291053
EV3_str	BOBJ1	28.3167	Before	Interior Girder 5	28.3167	0.95	1	1	1.326326
EV3_str	BOBJ1	28.3167	Before	Interior Girder 6	28.3167	0.95	1	1	1.381829
EV3_str	BOBJ1	28.3167	Before	Right Exterior Girder	28.3167	0.95	1	1	1.840337
EV3_str	BOBJ1	28.3167	After	Left Exterior Girder	28.3167	0.95	1	1	1.845139
EV3_str	BOBJ1	28.3167	After	Interior Girder 1	28.3167	0.95	1	1	1.378026
EV3_str	BOBJ1	28.3167	After	Interior Girder 2	28.3167	0.95	1	1	1.3197
EV3_str	BOBJ1	28.3167	After	Interior Girder 3	28.3167	0.95	1	1	1.281359
EV3_str	BOBJ1	28.3167	After	Interior Girder 4	28.3167	0.95	1	1	1.281359
EV3_str	BOBJ1	28.3167	After	Interior Girder 5	28.3167	0.95	1	1	1.3197
EV3_str	BOBJ1	28.3167	After	Interior Girder 6	28.3167	0.95	1	1	1.378026
EV3_str	BOBJ1	28.3167	After	Right Exterior Girder	28.3167	0.95	1	1	1.845139
EV3_str	BOBJ1	33.9333	Before	Left Exterior Girder	33.9333	0.95	1	1	2.262216
EV3_str	BOBJ1	33.9333	Before	Interior Girder 1	33.9333	0.95	1	1	1.625681
EV3_str	BOBJ1	33.9333	Before	Interior Girder 2	33.9333	0.95	1	1	1.547763
EV3_str	BOBJ1	33.9333	Before	Interior Girder 3	33.9333	0.95	1	1	1.510688
EV3_str	BOBJ1	33.9333	Before	Interior Girder 4	33.9333	0.95	1	1	1.510688
EV3_str	BOBJ1	33.9333	Before	Interior Girder 5	33.9333	0.95	1	1	1.547763
EV3_str	BOBJ1	33.9333	Before	Interior Girder 6	33.9333	0.95	1	1	1.625681
EV3_str	BOBJ1	33.9333	Before	Right Exterior Girder	33.9333	0.95	1	1	2.262216
EV3_str	BOBJ1	33.9333	After	Left Exterior Girder	33.9333	0.95	1	1	2.233071
EV3_str	BOBJ1	33.9333	After	Interior Girder 1	33.9333	0.95	1	1	1.641061
EV3_str	BOBJ1	33.9333	After	Interior Girder 2	33.9333	0.95	1	1	1.550323
EV3_str	BOBJ1	33.9333	After	Interior Girder 3	33.9333	0.95	1	1	1.503878
EV3_str	BOBJ1	33.9333	After	Interior Girder 4	33.9333	0.95	1	1	1.503878
EV3_str	BOBJ1	33.9333	After	Interior Girder 5	33.9333	0.95	1	1	1.550323
EV3_str	BOBJ1	33.9333	After	Interior Girder 6	33.9333	0.95	1	1	1.641061
EV3_str	BOBJ1	33.9333	After	Right Exterior Girder	33.9333	0.95	1	1	2.233071
EV3_str	BOBJ1	39.55	Before	Left Exterior Girder	39.55	0.95	1	1	3.118566
EV3_str	BOBJ1	39.55	Before	Interior Girder 1	39.55	0.95	1	1	2.313438
EV3_str	BOBJ1	39.55	Before	Interior Girder 2	39.55	0.95	1	1	2.142633
EV3_str	BOBJ1	39.55	Before	Interior Girder 3	39.55	0.95	1	1	2.101586
EV3_str	BOBJ1	39.55	Before	Interior Girder 4	39.55	0.95	1	1	2.101586
EV3_str	BOBJ1	39.55	Before	Interior Girder 5	39.55	0.95	1	1	2.142633
EV3_str	BOBJ1	39.55	Before	Interior Girder 6	39.55	0.95	1	1	2.313438
EV3_str	BOBJ1	39.55	Before	Right Exterior Girder	39.55	0.95	1	1	3.118566
EV3_str	BOBJ1	39.55	After	Left Exterior Girder	39.55	0.95	1	1	3.105399
EV3_str	BOBJ1	39.55	After	Interior Girder 1	39.55	0.95	1	1	2.323126
EV3_str	BOBJ1	39.55	After	Interior Girder 2	39.55	0.95	1	1	2.135756
EV3_str	BOBJ1	39.55	After	Interior Girder 3	39.55	0.95	1	1	2.069996
EV3_str	BOBJ1	39.55	After	Interior Girder 4	39.55	0.95	1	1	2.069996
EV3_str	BOBJ1	39.55	After	Interior Girder 5	39.55	0.95	1	1	2.135756
EV3_str	BOBJ1	39.55	After	Interior Girder 6	39.55	0.95	1	1	2.323126
EV3_str	BOBJ1	39.55	After	Right Exterior Girder	39.55	0.95	1	1	3.105399
EV3_str	BOBJ1	45.1733	Before	Left Exterior Girder	45.1226	0.95	1	1	3.231824
EV3_str	BOBJ1	45.1733	Before	Interior Girder 1	45.1226	0.95	1	1	3.340412
EV3_str	BOBJ1	45.1733	Before	Interior Girder 2	45.1226	0.95	1	1	3.207543
EV3_str	BOBJ1	45.1733	Before	Interior Girder 3	45.1226	0.95	1	1	3.251209
EV3_str	BOBJ1	45.1733	Before	Interior Girder 4	45.1226	0.95	1	1	3.251209

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelINonCompStrgth-Flx - Approach, Span 12-1									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
EV3_str	BOBJ1	45.1733	Before	Interior Girder 5	45.1226	0.95	1	1	3.207543
EV3_str	BOBJ1	45.1733	Before	Interior Girder 6	45.1226	0.95	1	1	3.340412
EV3_str	BOBJ1	45.1733	Before	Right Exterior Girder	45.1226	0.95	1	1	3.231824
EV3_str	BOBJ1	45.1733	After	Left Exterior Girder	45.1226	0.95	1	1	2.583732
EV3_str	BOBJ1	45.1733	After	Interior Girder 1	45.1226	0.95	1	1	2.665584
EV3_str	BOBJ1	45.1733	After	Interior Girder 2	45.1226	0.95	1	1	2.547018
EV3_str	BOBJ1	45.1733	After	Interior Girder 3	45.1226	0.95	1	1	2.586624
EV3_str	BOBJ1	45.1733	After	Interior Girder 4	45.1226	0.95	1	1	2.586624
EV3_str	BOBJ1	45.1733	After	Interior Girder 5	45.1226	0.95	1	1	2.547018
EV3_str	BOBJ1	45.1733	After	Interior Girder 6	45.1226	0.95	1	1	2.665584
EV3_str	BOBJ1	45.1733	After	Right Exterior Girder	45.1226	0.95	1	1	2.583732
EV3_str	BOBJ1	49.2561	Before	Left Exterior Girder	49.2561	0.95	1	1	1.825525
EV3_str	BOBJ1	49.2561	Before	Right Exterior Girder	49.2561	0.95	1	1	1.825525
EV3_str	BOBJ1	49.2561	After	Left Exterior Girder	49.2561	0.95	1	1	1.854446
EV3_str	BOBJ1	49.2561	After	Right Exterior Girder	49.2561	0.95	1	1	1.854446
EV3_str	BOBJ1	50.7967	Before	Left Exterior Girder	50.7967	0.95	1	1	3.883378
EV3_str	BOBJ1	50.7967	Before	Interior Girder 1	50.7967	0.95	1	1	1.87668
EV3_str	BOBJ1	50.7967	Before	Interior Girder 2	50.7967	0.95	1	1	1.795763
EV3_str	BOBJ1	50.7967	Before	Interior Girder 3	50.7967	0.95	1	1	1.706497
EV3_str	BOBJ1	50.7967	Before	Interior Girder 4	50.7967	0.95	1	1	1.706497
EV3_str	BOBJ1	50.7967	Before	Interior Girder 5	50.7967	0.95	1	1	1.795763
EV3_str	BOBJ1	50.7967	Before	Interior Girder 6	50.7967	0.95	1	1	1.87668
EV3_str	BOBJ1	50.7967	Before	Right Exterior Girder	50.7967	0.95	1	1	3.883378
EV3_str	BOBJ1	50.7967	After	Left Exterior Girder	50.7967	0.95	1	1	3.859516
EV3_str	BOBJ1	50.7967	After	Interior Girder 1	50.7967	0.95	1	1	1.872638
EV3_str	BOBJ1	50.7967	After	Interior Girder 2	50.7967	0.95	1	1	1.782396
EV3_str	BOBJ1	50.7967	After	Interior Girder 3	50.7967	0.95	1	1	1.700996
EV3_str	BOBJ1	50.7967	After	Interior Girder 4	50.7967	0.95	1	1	1.700996
EV3_str	BOBJ1	50.7967	After	Interior Girder 5	50.7967	0.95	1	1	1.782396
EV3_str	BOBJ1	50.7967	After	Interior Girder 6	50.7967	0.95	1	1	1.872638
EV3_str	BOBJ1	50.7967	After	Right Exterior Girder	50.7967	0.95	1	1	3.859516
EV3_str	BOBJ1	51.3989	Before	Interior Girder 1	51.3989	0.95	1	1	1.781559
EV3_str	BOBJ1	51.3989	Before	Interior Girder 2	51.3989	0.95	1	1	1.709497
EV3_str	BOBJ1	51.3989	Before	Interior Girder 3	51.3989	0.95	1	1	1.614891
EV3_str	BOBJ1	51.3989	Before	Interior Girder 4	51.3989	0.95	1	1	1.614891
EV3_str	BOBJ1	51.3989	Before	Interior Girder 5	51.3989	0.95	1	1	1.709497
EV3_str	BOBJ1	51.3989	Before	Interior Girder 6	51.3989	0.95	1	1	1.781559
EV3_str	BOBJ1	51.3989	After	Interior Girder 1	51.3989	0.95	1	1	2.72362
EV3_str	BOBJ1	51.3989	After	Interior Girder 2	51.3989	0.95	1	1	2.581333
EV3_str	BOBJ1	51.3989	After	Interior Girder 3	51.3989	0.95	1	1	2.472114
EV3_str	BOBJ1	51.3989	After	Interior Girder 4	51.3989	0.95	1	1	2.472114
EV3_str	BOBJ1	51.3989	After	Interior Girder 5	51.3989	0.95	1	1	2.581333
EV3_str	BOBJ1	51.3989	After	Interior Girder 6	51.3989	0.95	1	1	2.72362
EV3_str	BOBJ1	56.42	Before	Left Exterior Girder	56.42	0.95	1	1	2.686466
EV3_str	BOBJ1	56.42	Before	Interior Girder 1	56.42	0.95	1	1	1.936893
EV3_str	BOBJ1	56.42	Before	Interior Girder 2	56.42	0.95	1	1	1.798996
EV3_str	BOBJ1	56.42	Before	Interior Girder 3	56.42	0.95	1	1	1.511768
EV3_str	BOBJ1	56.42	Before	Interior Girder 4	56.42	0.95	1	1	1.511768
EV3_str	BOBJ1	56.42	Before	Interior Girder 5	56.42	0.95	1	1	1.798996
EV3_str	BOBJ1	56.42	Before	Interior Girder 6	56.42	0.95	1	1	1.936893
EV3_str	BOBJ1	56.42	Before	Right Exterior Girder	56.42	0.95	1	1	2.686466
EV3_str	BOBJ1	56.42	After	Left Exterior Girder	0	0.95	1	1	2.750643
EV3_str	BOBJ1	56.42	After	Interior Girder 1	0	0.95	1	1	1.76788
EV3_str	BOBJ1	56.42	After	Interior Girder 2	0	0.95	1	1	1.69294
EV3_str	BOBJ1	56.42	After	Interior Girder 3	0	0.95	1	1	1.428147
EV3_str	BOBJ1	56.42	After	Interior Girder 4	0	0.95	1	1	1.428147
EV3_str	BOBJ1	56.42	After	Interior Girder 5	0	0.95	1	1	1.69294
EV3_str	BOBJ1	56.42	After	Interior Girder 6	0	0.95	1	1	1.76788
EV3_str	BOBJ1	56.42	After	Right Exterior Girder	0	0.95	1	1	2.750643
EV3_str	BOBJ1	62.0367	Before	Left Exterior Girder	5.6167	0.95	1	1	4.895256
EV3_str	BOBJ1	62.0367	Before	Interior Girder 1	5.6167	0.95	1	1	3.408525
EV3_str	BOBJ1	62.0367	Before	Interior Girder 2	5.6167	0.95	1	1	3.173679
EV3_str	BOBJ1	62.0367	Before	Interior Girder 3	5.6167	0.95	1	1	2.980929
EV3_str	BOBJ1	62.0367	Before	Interior Girder 4	5.6167	0.95	1	1	2.980929
EV3_str	BOBJ1	62.0367	Before	Interior Girder 5	5.6167	0.95	1	1	3.173679

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelINonCompStrgth-Flx - Approach, Span 12-1									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
EV3_str	BOBJ1	62.0367	Before	Interior Girder 6	5.6167	0.95	1	1	3.408525
EV3_str	BOBJ1	62.0367	Before	Right Exterior Girder	5.6167	0.95	1	1	4.895256
EV3_str	BOBJ1	62.0367	After	Left Exterior Girder	5.6167	0.95	1	1	4.840815
EV3_str	BOBJ1	62.0367	After	Interior Girder 1	5.6167	0.95	1	1	3.466838
EV3_str	BOBJ1	62.0367	After	Interior Girder 2	5.6167	0.95	1	1	3.226528
EV3_str	BOBJ1	62.0367	After	Interior Girder 3	5.6167	0.95	1	1	3.02994
EV3_str	BOBJ1	62.0367	After	Interior Girder 4	5.6167	0.95	1	1	3.02994
EV3_str	BOBJ1	62.0367	After	Interior Girder 5	5.6167	0.95	1	1	3.226528
EV3_str	BOBJ1	62.0367	After	Interior Girder 6	5.6167	0.95	1	1	3.466838
EV3_str	BOBJ1	62.0367	After	Right Exterior Girder	5.6167	0.95	1	1	4.840815
EV3_str	BOBJ1	62.4203	Before	Interior Girder 1	6.0003	0.95	1	1	3.545034
EV3_str	BOBJ1	62.4203	Before	Interior Girder 2	6.0003	0.95	1	1	3.292288
EV3_str	BOBJ1	62.4203	Before	Interior Girder 3	6.0003	0.95	1	1	3.10931
EV3_str	BOBJ1	62.4203	Before	Interior Girder 4	6.0003	0.95	1	1	3.10931
EV3_str	BOBJ1	62.4203	Before	Interior Girder 5	6.0003	0.95	1	1	3.292288
EV3_str	BOBJ1	62.4203	Before	Interior Girder 6	6.0003	0.95	1	1	3.545034
EV3_str	BOBJ1	62.4203	After	Interior Girder 1	6.0003	0.95	1	1	2.324845
EV3_str	BOBJ1	62.4203	After	Interior Girder 2	6.0003	0.95	1	1	2.194042
EV3_str	BOBJ1	62.4203	After	Interior Girder 3	6.0003	0.95	1	1	2.03974
EV3_str	BOBJ1	62.4203	After	Interior Girder 4	6.0003	0.95	1	1	2.03974
EV3_str	BOBJ1	62.4203	After	Interior Girder 5	6.0003	0.95	1	1	2.194042
EV3_str	BOBJ1	62.4203	After	Interior Girder 6	6.0003	0.95	1	1	2.324845
EV3_str	BOBJ1	64.9204	Before	Left Exterior Girder	8.5004	0.95	1	1	5.619982
EV3_str	BOBJ1	64.9204	Before	Right Exterior Girder	8.5004	0.95	1	1	5.619982
EV3_str	BOBJ1	64.9204	After	Left Exterior Girder	8.5004	0.95	1	1	2.538771
EV3_str	BOBJ1	64.9204	After	Right Exterior Girder	8.5004	0.95	1	1	2.538771
EV3_str	BOBJ1	67.6533	Before	Left Exterior Girder	11.2333	0.95	1	1	3.163467
EV3_str	BOBJ1	67.6533	Before	Interior Girder 1	11.2333	0.95	1	1	3.213525
EV3_str	BOBJ1	67.6533	Before	Interior Girder 2	11.2333	0.95	1	1	3.029076
EV3_str	BOBJ1	67.6533	Before	Interior Girder 3	11.2333	0.95	1	1	3.002492
EV3_str	BOBJ1	67.6533	Before	Interior Girder 4	11.2333	0.95	1	1	3.002492
EV3_str	BOBJ1	67.6533	Before	Interior Girder 5	11.2333	0.95	1	1	3.029076
EV3_str	BOBJ1	67.6533	Before	Interior Girder 6	11.2333	0.95	1	1	3.213525
EV3_str	BOBJ1	67.6533	Before	Right Exterior Girder	11.2333	0.95	1	1	3.163467
EV3_str	BOBJ1	67.6533	After	Left Exterior Girder	11.2333	0.95	1	1	3.130692
EV3_str	BOBJ1	67.6533	After	Interior Girder 1	11.2333	0.95	1	1	3.24377
EV3_str	BOBJ1	67.6533	After	Interior Girder 2	11.2333	0.95	1	1	3.072516
EV3_str	BOBJ1	67.6533	After	Interior Girder 3	11.2333	0.95	1	1	3.058001
EV3_str	BOBJ1	67.6533	After	Interior Girder 4	11.2333	0.95	1	1	3.058001
EV3_str	BOBJ1	67.6533	After	Interior Girder 5	11.2333	0.95	1	1	3.072516
EV3_str	BOBJ1	67.6533	After	Interior Girder 6	11.2333	0.95	1	1	3.24377
EV3_str	BOBJ1	67.6533	After	Right Exterior Girder	11.2333	0.95	1	1	3.130692
EV3_str	BOBJ1	73.27	Before	Left Exterior Girder	16.85	0.95	1	1	3.024966
EV3_str	BOBJ1	73.27	Before	Interior Girder 1	16.85	0.95	1	1	2.229606
EV3_str	BOBJ1	73.27	Before	Interior Girder 2	16.85	0.95	1	1	2.030458
EV3_str	BOBJ1	73.27	Before	Interior Girder 3	16.85	0.95	1	1	1.951615
EV3_str	BOBJ1	73.27	Before	Interior Girder 4	16.85	0.95	1	1	1.951615
EV3_str	BOBJ1	73.27	Before	Interior Girder 5	16.85	0.95	1	1	2.030458
EV3_str	BOBJ1	73.27	Before	Interior Girder 6	16.85	0.95	1	1	2.229606
EV3_str	BOBJ1	73.27	Before	Right Exterior Girder	16.85	0.95	1	1	3.024966
EV3_str	BOBJ1	73.27	After	Left Exterior Girder	16.85	0.95	1	1	3.070947
EV3_str	BOBJ1	73.27	After	Interior Girder 1	16.85	0.95	1	1	2.205349
EV3_str	BOBJ1	73.27	After	Interior Girder 2	16.85	0.95	1	1	2.028834
EV3_str	BOBJ1	73.27	After	Interior Girder 3	16.85	0.95	1	1	1.970328
EV3_str	BOBJ1	73.27	After	Interior Girder 4	16.85	0.95	1	1	1.970328
EV3_str	BOBJ1	73.27	After	Interior Girder 5	16.85	0.95	1	1	2.028834
EV3_str	BOBJ1	73.27	After	Interior Girder 6	16.85	0.95	1	1	2.205349
EV3_str	BOBJ1	73.27	After	Right Exterior Girder	16.85	0.95	1	1	3.070947
EV3_str	BOBJ1	78.8867	Before	Left Exterior Girder	22.4667	0.95	1	1	2.072515
EV3_str	BOBJ1	78.8867	Before	Interior Girder 1	22.4667	0.95	1	1	1.53012
EV3_str	BOBJ1	78.8867	Before	Interior Girder 2	22.4667	0.95	1	1	1.43928
EV3_str	BOBJ1	78.8867	Before	Interior Girder 3	22.4667	0.95	1	1	1.387687
EV3_str	BOBJ1	78.8867	Before	Interior Girder 4	22.4667	0.95	1	1	1.387687
EV3_str	BOBJ1	78.8867	Before	Interior Girder 5	22.4667	0.95	1	1	1.43928
EV3_str	BOBJ1	78.8867	Before	Interior Girder 6	22.4667	0.95	1	1	1.53012

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelINonCompStrgth-Flx - Approach, Span 12-1									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
EV3_str	BOBJ1	78.8867	Before	Right Exterior Girder	22.4667	0.95	1	1	2.072515
EV3_str	BOBJ1	78.8867	After	Left Exterior Girder	22.4667	0.95	1	1	2.107905
EV3_str	BOBJ1	78.8867	After	Interior Girder 1	22.4667	0.95	1	1	1.512935
EV3_str	BOBJ1	78.8867	After	Interior Girder 2	22.4667	0.95	1	1	1.434474
EV3_str	BOBJ1	78.8867	After	Interior Girder 3	22.4667	0.95	1	1	1.395563
EV3_str	BOBJ1	78.8867	After	Interior Girder 4	22.4667	0.95	1	1	1.395563
EV3_str	BOBJ1	78.8867	After	Interior Girder 5	22.4667	0.95	1	1	1.434474
EV3_str	BOBJ1	78.8867	After	Interior Girder 6	22.4667	0.95	1	1	1.512935
EV3_str	BOBJ1	78.8867	After	Right Exterior Girder	22.4667	0.95	1	1	2.107905
EV3_str	BOBJ1	84.5033	Before	Left Exterior Girder	28.0833	0.95	1	1	1.641658
EV3_str	BOBJ1	84.5033	Before	Interior Girder 1	28.0833	0.95	1	1	1.266735
EV3_str	BOBJ1	84.5033	Before	Interior Girder 2	28.0833	0.95	1	1	1.20988
EV3_str	BOBJ1	84.5033	Before	Interior Girder 3	28.0833	0.95	1	1	1.175678
EV3_str	BOBJ1	84.5033	Before	Interior Girder 4	28.0833	0.95	1	1	1.175678
EV3_str	BOBJ1	84.5033	Before	Interior Girder 5	28.0833	0.95	1	1	1.20988
EV3_str	BOBJ1	84.5033	Before	Interior Girder 6	28.0833	0.95	1	1	1.266735
EV3_str	BOBJ1	84.5033	Before	Right Exterior Girder	28.0833	0.95	1	1	1.641658
EV3_str	BOBJ1	84.5033	After	Left Exterior Girder	28.0833	0.95	1	1	1.641729
EV3_str	BOBJ1	84.5033	After	Interior Girder 1	28.0833	0.95	1	1	1.268041
EV3_str	BOBJ1	84.5033	After	Interior Girder 2	28.0833	0.95	1	1	1.215818
EV3_str	BOBJ1	84.5033	After	Interior Girder 3	28.0833	0.95	1	1	1.183165
EV3_str	BOBJ1	84.5033	After	Interior Girder 4	28.0833	0.95	1	1	1.183165
EV3_str	BOBJ1	84.5033	After	Interior Girder 5	28.0833	0.95	1	1	1.215818
EV3_str	BOBJ1	84.5033	After	Interior Girder 6	28.0833	0.95	1	1	1.268041
EV3_str	BOBJ1	84.5033	After	Right Exterior Girder	28.0833	0.95	1	1	1.641729
EV3_str	BOBJ1	90.12	Before	Left Exterior Girder	33.7	0.95	1	1	1.462658
EV3_str	BOBJ1	90.12	Before	Interior Girder 1	33.7	0.95	1	1	1.249838
EV3_str	BOBJ1	90.12	Before	Interior Girder 2	33.7	0.95	1	1	1.196072
EV3_str	BOBJ1	90.12	Before	Interior Girder 3	33.7	0.95	1	1	1.17355
EV3_str	BOBJ1	90.12	Before	Interior Girder 4	33.7	0.95	1	1	1.17355
EV3_str	BOBJ1	90.12	Before	Interior Girder 5	33.7	0.95	1	1	1.196072
EV3_str	BOBJ1	90.12	Before	Interior Girder 6	33.7	0.95	1	1	1.249838
EV3_str	BOBJ1	90.12	Before	Right Exterior Girder	33.7	0.95	1	1	1.462658
EV3_str	BOBJ1	90.12	After	Left Exterior Girder	33.7	0.95	1	1	1.467281
EV3_str	BOBJ1	90.12	After	Interior Girder 1	33.7	0.95	1	1	1.246912
EV3_str	BOBJ1	90.12	After	Interior Girder 2	33.7	0.95	1	1	1.193788
EV3_str	BOBJ1	90.12	After	Interior Girder 3	33.7	0.95	1	1	1.170569
EV3_str	BOBJ1	90.12	After	Interior Girder 4	33.7	0.95	1	1	1.170569
EV3_str	BOBJ1	90.12	After	Interior Girder 5	33.7	0.95	1	1	1.193788
EV3_str	BOBJ1	90.12	After	Interior Girder 6	33.7	0.95	1	1	1.246912
EV3_str	BOBJ1	90.12	After	Right Exterior Girder	33.7	0.95	1	1	1.467281
EV3_str	BOBJ1	95.7367	Before	Left Exterior Girder	39.3167	0.95	1	1	1.627637
EV3_str	BOBJ1	95.7367	Before	Interior Girder 1	39.3167	0.95	1	1	1.260183
EV3_str	BOBJ1	95.7367	Before	Interior Girder 2	39.3167	0.95	1	1	1.208555
EV3_str	BOBJ1	95.7367	Before	Interior Girder 3	39.3167	0.95	1	1	1.177491
EV3_str	BOBJ1	95.7367	Before	Interior Girder 4	39.3167	0.95	1	1	1.177491
EV3_str	BOBJ1	95.7367	Before	Interior Girder 5	39.3167	0.95	1	1	1.208555
EV3_str	BOBJ1	95.7367	Before	Interior Girder 6	39.3167	0.95	1	1	1.260183
EV3_str	BOBJ1	95.7367	Before	Right Exterior Girder	39.3167	0.95	1	1	1.627637
EV3_str	BOBJ1	95.7367	After	Left Exterior Girder	39.3167	0.95	1	1	1.628758
EV3_str	BOBJ1	95.7367	After	Interior Girder 1	39.3167	0.95	1	1	1.258391
EV3_str	BOBJ1	95.7367	After	Interior Girder 2	39.3167	0.95	1	1	1.202819
EV3_str	BOBJ1	95.7367	After	Interior Girder 3	39.3167	0.95	1	1	1.170333
EV3_str	BOBJ1	95.7367	After	Interior Girder 4	39.3167	0.95	1	1	1.170333
EV3_str	BOBJ1	95.7367	After	Interior Girder 5	39.3167	0.95	1	1	1.202819
EV3_str	BOBJ1	95.7367	After	Interior Girder 6	39.3167	0.95	1	1	1.258391
EV3_str	BOBJ1	95.7367	After	Right Exterior Girder	39.3167	0.95	1	1	1.628758
EV3_str	BOBJ1	101.3533	Before	Left Exterior Girder	44.9333	0.95	1	1	2.06029
EV3_str	BOBJ1	101.3533	Before	Interior Girder 1	44.9333	0.95	1	1	1.496635
EV3_str	BOBJ1	101.3533	Before	Interior Girder 2	44.9333	0.95	1	1	1.419142
EV3_str	BOBJ1	101.3533	Before	Interior Girder 3	44.9333	0.95	1	1	1.385252
EV3_str	BOBJ1	101.3533	Before	Interior Girder 4	44.9333	0.95	1	1	1.385252
EV3_str	BOBJ1	101.3533	Before	Interior Girder 5	44.9333	0.95	1	1	1.419142
EV3_str	BOBJ1	101.3533	Before	Interior Girder 6	44.9333	0.95	1	1	1.496635
EV3_str	BOBJ1	101.3533	Before	Right Exterior Girder	44.9333	0.95	1	1	2.06029

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelINonCompStrgth-Flx - Approach, Span 12-1									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
EV3_str	BOBJ1	101.3533	After	Left Exterior Girder	44.9333	0.95	1	1	2.025917
EV3_str	BOBJ1	101.3533	After	Interior Girder 1	44.9333	0.95	1	1	1.513014
EV3_str	BOBJ1	101.3533	After	Interior Girder 2	44.9333	0.95	1	1	1.424448
EV3_str	BOBJ1	101.3533	After	Interior Girder 3	44.9333	0.95	1	1	1.377613
EV3_str	BOBJ1	101.3533	After	Interior Girder 4	44.9333	0.95	1	1	1.377613
EV3_str	BOBJ1	101.3533	After	Interior Girder 5	44.9333	0.95	1	1	1.424448
EV3_str	BOBJ1	101.3533	After	Interior Girder 6	44.9333	0.95	1	1	1.513014
EV3_str	BOBJ1	101.3533	After	Right Exterior Girder	44.9333	0.95	1	1	2.025917
EV3_str	BOBJ1	106.97	Before	Left Exterior Girder	50.55	0.95	1	1	2.94371
EV3_str	BOBJ1	106.97	Before	Interior Girder 1	50.55	0.95	1	1	2.166464
EV3_str	BOBJ1	106.97	Before	Interior Girder 2	50.55	0.95	1	1	1.992491
EV3_str	BOBJ1	106.97	Before	Interior Girder 3	50.55	0.95	1	1	1.943764
EV3_str	BOBJ1	106.97	Before	Interior Girder 4	50.55	0.95	1	1	1.943764
EV3_str	BOBJ1	106.97	Before	Interior Girder 5	50.55	0.95	1	1	1.992491
EV3_str	BOBJ1	106.97	Before	Interior Girder 6	50.55	0.95	1	1	2.166464
EV3_str	BOBJ1	106.97	Before	Right Exterior Girder	50.55	0.95	1	1	2.94371
EV3_str	BOBJ1	106.97	After	Left Exterior Girder	50.55	0.95	1	1	2.923663
EV3_str	BOBJ1	106.97	After	Interior Girder 1	50.55	0.95	1	1	2.175048
EV3_str	BOBJ1	106.97	After	Interior Girder 2	50.55	0.95	1	1	1.986542
EV3_str	BOBJ1	106.97	After	Interior Girder 3	50.55	0.95	1	1	1.918309
EV3_str	BOBJ1	106.97	After	Interior Girder 4	50.55	0.95	1	1	1.918309
EV3_str	BOBJ1	106.97	After	Interior Girder 5	50.55	0.95	1	1	1.986542
EV3_str	BOBJ1	106.97	After	Interior Girder 6	50.55	0.95	1	1	2.175048
EV3_str	BOBJ1	106.97	After	Right Exterior Girder	50.55	0.95	1	1	2.923663
EV3_str	BOBJ1	112.5933	Before	Left Exterior Girder	56.1733	0.95	1	1	2.620317
EV3_str	BOBJ1	112.5933	Before	Interior Girder 1	56.1733	0.95	1	1	2.758864
EV3_str	BOBJ1	112.5933	Before	Interior Girder 2	56.1733	0.95	1	1	2.631916
EV3_str	BOBJ1	112.5933	Before	Interior Girder 3	56.1733	0.95	1	1	2.660202
EV3_str	BOBJ1	112.5933	Before	Interior Girder 4	56.1733	0.95	1	1	2.660202
EV3_str	BOBJ1	112.5933	Before	Interior Girder 5	56.1733	0.95	1	1	2.631916
EV3_str	BOBJ1	112.5933	Before	Interior Girder 6	56.1733	0.95	1	1	2.758864
EV3_str	BOBJ1	112.5933	Before	Right Exterior Girder	56.1733	0.95	1	1	2.620317
EV3_str	BOBJ1	112.5933	After	Left Exterior Girder	56.1733	0.95	1	1	2.644551
EV3_str	BOBJ1	112.5933	After	Interior Girder 1	56.1733	0.95	1	1	2.739251
EV3_str	BOBJ1	112.5933	After	Interior Girder 2	56.1733	0.95	1	1	2.604339
EV3_str	BOBJ1	112.5933	After	Interior Girder 3	56.1733	0.95	1	1	2.643554
EV3_str	BOBJ1	112.5933	After	Interior Girder 4	56.1733	0.95	1	1	2.643554
EV3_str	BOBJ1	112.5933	After	Interior Girder 5	56.1733	0.95	1	1	2.604339
EV3_str	BOBJ1	112.5933	After	Interior Girder 6	56.1733	0.95	1	1	2.739251
EV3_str	BOBJ1	112.5933	After	Right Exterior Girder	56.1733	0.95	1	1	2.644551
EV3_str	BOBJ1	115.3396	Before	Left Exterior Girder	58.9196	0.95	1	1	2.111353
EV3_str	BOBJ1	115.3396	Before	Right Exterior Girder	58.9196	0.95	1	1	2.111353
EV3_str	BOBJ1	115.3396	After	Left Exterior Girder	58.9196	0.95	1	1	4.70937
EV3_str	BOBJ1	115.3396	After	Right Exterior Girder	58.9196	0.95	1	1	4.70937
EV3_str	BOBJ1	118.2167	Before	Left Exterior Girder	61.7967	0.95	1	1	4.054182
EV3_str	BOBJ1	118.2167	Before	Interior Girder 1	61.9198	0.95	1	1	1.90148
EV3_str	BOBJ1	118.2167	Before	Interior Girder 2	61.9198	0.95	1	1	1.828772
EV3_str	BOBJ1	118.2167	Before	Interior Girder 3	61.9198	0.95	1	1	1.725744
EV3_str	BOBJ1	118.2167	Before	Interior Girder 4	61.9198	0.95	1	1	1.725744
EV3_str	BOBJ1	118.2167	Before	Interior Girder 5	61.9198	0.95	1	1	1.828772
EV3_str	BOBJ1	118.2167	Before	Interior Girder 6	61.9198	0.95	1	1	1.90148
EV3_str	BOBJ1	118.2167	Before	Right Exterior Girder	61.7967	0.95	1	1	4.054182
EV3_str	BOBJ1	118.2167	After	Left Exterior Girder	61.7967	0.95	1	1	4.056473
EV3_str	BOBJ1	118.2167	After	Interior Girder 1	61.9198	0.95	1	1	2.927907
EV3_str	BOBJ1	118.2167	After	Interior Girder 2	61.9198	0.95	1	1	2.744463
EV3_str	BOBJ1	118.2167	After	Interior Girder 3	61.9198	0.95	1	1	2.627784
EV3_str	BOBJ1	118.2167	After	Interior Girder 4	61.9198	0.95	1	1	2.627784
EV3_str	BOBJ1	118.2167	After	Interior Girder 5	61.9198	0.95	1	1	2.744463
EV3_str	BOBJ1	118.2167	After	Interior Girder 6	61.9198	0.95	1	1	2.927907
EV3_str	BOBJ1	118.2167	After	Right Exterior Girder	61.7967	0.95	1	1	4.056473
EV3_str	BOBJ1	123.84	Before	Left Exterior Girder	67.42	0.95	1	1	2.773793
EV3_str	BOBJ1	123.84	Before	Interior Girder 1	67.42	0.95	1	1	1.855119
EV3_str	BOBJ1	123.84	Before	Interior Girder 2	67.42	0.95	1	1	1.723898
EV3_str	BOBJ1	123.84	Before	Interior Girder 3	67.42	0.95	1	1	1.43085
EV3_str	BOBJ1	123.84	Before	Interior Girder 4	67.42	0.95	1	1	1.43085

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelINonCompStrgth-Flx - Approach, Span 12-1									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
EV3_str	BOBJ1	123.84	Before	Interior Girder 5	67.42	0.95	1	1	1.723898
EV3_str	BOBJ1	123.84	Before	Interior Girder 6	67.42	0.95	1	1	1.855119
EV3_str	BOBJ1	123.84	Before	Right Exterior Girder	67.42	0.95	1	1	2.773793
EV3_str	BOBJ1	123.84	After	Left Exterior Girder	0	0.95	1	1	2.966698
EV3_str	BOBJ1	123.84	After	Interior Girder 1	0	0.95	1	1	1.976614
EV3_str	BOBJ1	123.84	After	Interior Girder 2	0	0.95	1	1	1.844133
EV3_str	BOBJ1	123.84	After	Interior Girder 3	0	0.95	1	1	1.537659
EV3_str	BOBJ1	123.84	After	Interior Girder 4	0	0.95	1	1	1.537659
EV3_str	BOBJ1	123.84	After	Interior Girder 5	0	0.95	1	1	1.844133
EV3_str	BOBJ1	123.84	After	Interior Girder 6	0	0.95	1	1	1.976614
EV3_str	BOBJ1	123.84	After	Right Exterior Girder	0	0.95	1	1	2.966698
EV3_str	BOBJ1	129.34	Before	Interior Girder 1	5.5	0.95	1	1	3.147978
EV3_str	BOBJ1	129.34	Before	Interior Girder 2	5.5	0.95	1	1	2.95769
EV3_str	BOBJ1	129.34	Before	Interior Girder 3	5.5	0.95	1	1	2.828427
EV3_str	BOBJ1	129.34	Before	Interior Girder 4	5.5	0.95	1	1	2.828427
EV3_str	BOBJ1	129.34	Before	Interior Girder 5	5.5	0.95	1	1	2.95769
EV3_str	BOBJ1	129.34	Before	Interior Girder 6	5.5	0.95	1	1	3.147978
EV3_str	BOBJ1	129.34	After	Interior Girder 1	5.5	0.95	1	1	2.079825
EV3_str	BOBJ1	129.34	After	Interior Girder 2	5.5	0.95	1	1	1.974333
EV3_str	BOBJ1	129.34	After	Interior Girder 3	5.5	0.95	1	1	1.865612
EV3_str	BOBJ1	129.34	After	Interior Girder 4	5.5	0.95	1	1	1.865612
EV3_str	BOBJ1	129.34	After	Interior Girder 5	5.5	0.95	1	1	1.974333
EV3_str	BOBJ1	129.34	After	Interior Girder 6	5.5	0.95	1	1	2.079825
EV3_str	BOBJ1	130.79	Before	Left Exterior Girder	6.95	0.95	1	1	4.647608
EV3_str	BOBJ1	130.79	Before	Interior Girder 1	6.95	0.95	1	1	2.312013
EV3_str	BOBJ1	130.79	Before	Interior Girder 2	6.95	0.95	1	1	2.168437
EV3_str	BOBJ1	130.79	Before	Interior Girder 3	6.95	0.95	1	1	2.101263
EV3_str	BOBJ1	130.79	Before	Interior Girder 4	6.95	0.95	1	1	2.101263
EV3_str	BOBJ1	130.79	Before	Interior Girder 5	6.95	0.95	1	1	2.168437
EV3_str	BOBJ1	130.79	Before	Interior Girder 6	6.95	0.95	1	1	2.312013
EV3_str	BOBJ1	130.79	Before	Right Exterior Girder	6.95	0.95	1	1	4.647608
EV3_str	BOBJ1	130.79	After	Left Exterior Girder	6.95	0.95	1	1	4.685839
EV3_str	BOBJ1	130.79	After	Interior Girder 1	6.95	0.95	1	1	2.300528
EV3_str	BOBJ1	130.79	After	Interior Girder 2	6.95	0.95	1	1	2.188523
EV3_str	BOBJ1	130.79	After	Interior Girder 3	6.95	0.95	1	1	2.114321
EV3_str	BOBJ1	130.79	After	Interior Girder 4	6.95	0.95	1	1	2.114321
EV3_str	BOBJ1	130.79	After	Interior Girder 5	6.95	0.95	1	1	2.188523
EV3_str	BOBJ1	130.79	After	Interior Girder 6	6.95	0.95	1	1	2.300528
EV3_str	BOBJ1	130.79	After	Right Exterior Girder	6.95	0.95	1	1	4.685839
EV3_str	BOBJ1	132.34	Before	Left Exterior Girder	8.5	0.95	1	1	5.090675
EV3_str	BOBJ1	132.34	Before	Right Exterior Girder	8.5	0.95	1	1	5.090675
EV3_str	BOBJ1	132.34	After	Left Exterior Girder	8.5	0.95	1	1	2.276183
EV3_str	BOBJ1	132.34	After	Right Exterior Girder	8.5	0.95	1	1	2.276183
EV3_str	BOBJ1	137.74	Before	Left Exterior Girder	13.9	0.95	1	1	3.360265
EV3_str	BOBJ1	137.74	Before	Interior Girder 1	13.9	0.95	1	1	2.765528
EV3_str	BOBJ1	137.74	Before	Interior Girder 2	13.9	0.95	1	1	2.503583
EV3_str	BOBJ1	137.74	Before	Interior Girder 3	13.9	0.95	1	1	2.402529
EV3_str	BOBJ1	137.74	Before	Interior Girder 4	13.9	0.95	1	1	2.402529
EV3_str	BOBJ1	137.74	Before	Interior Girder 5	13.9	0.95	1	1	2.503583
EV3_str	BOBJ1	137.74	Before	Interior Girder 6	13.9	0.95	1	1	2.765528
EV3_str	BOBJ1	137.74	Before	Right Exterior Girder	13.9	0.95	1	1	3.360265
EV3_str	BOBJ1	137.74	After	Left Exterior Girder	13.9	0.95	1	1	3.668254
EV3_str	BOBJ1	137.74	After	Interior Girder 1	13.9	0.95	1	1	2.744972
EV3_str	BOBJ1	137.74	After	Interior Girder 2	13.9	0.95	1	1	2.505648
EV3_str	BOBJ1	137.74	After	Interior Girder 3	13.9	0.95	1	1	2.438297
EV3_str	BOBJ1	137.74	After	Interior Girder 4	13.9	0.95	1	1	2.438297
EV3_str	BOBJ1	137.74	After	Interior Girder 5	13.9	0.95	1	1	2.505648
EV3_str	BOBJ1	137.74	After	Interior Girder 6	13.9	0.95	1	1	2.744972
EV3_str	BOBJ1	137.74	After	Right Exterior Girder	13.9	0.95	1	1	3.668254
EV3_str	BOBJ1	143.7733	Before	Left Exterior Girder	19.9333	0.95	1	1	2.4146
EV3_str	BOBJ1	143.7733	Before	Interior Girder 1	19.9333	0.95	1	1	1.686342
EV3_str	BOBJ1	143.7733	Before	Interior Girder 2	19.9333	0.95	1	1	1.580596
EV3_str	BOBJ1	143.7733	Before	Interior Girder 3	19.9333	0.95	1	1	1.520996
EV3_str	BOBJ1	143.7733	Before	Interior Girder 4	19.9333	0.95	1	1	1.520996
EV3_str	BOBJ1	143.7733	Before	Interior Girder 5	19.9333	0.95	1	1	1.580596

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelINonCompStrgth-Flx - Approach, Span 12-1									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
EV3_str	BOBJ1	143.7733	Before	Interior Girder 6	19.9333	0.95	1	1	1.686342
EV3_str	BOBJ1	143.7733	Before	Right Exterior Girder	19.9333	0.95	1	1	2.4146
EV3_str	BOBJ1	143.7733	After	Left Exterior Girder	19.9333	0.95	1	1	2.455822
EV3_str	BOBJ1	143.7733	After	Interior Girder 1	19.9333	0.95	1	1	1.664692
EV3_str	BOBJ1	143.7733	After	Interior Girder 2	19.9333	0.95	1	1	1.578668
EV3_str	BOBJ1	143.7733	After	Interior Girder 3	19.9333	0.95	1	1	1.53754
EV3_str	BOBJ1	143.7733	After	Interior Girder 4	19.9333	0.95	1	1	1.53754
EV3_str	BOBJ1	143.7733	After	Interior Girder 5	19.9333	0.95	1	1	1.578668
EV3_str	BOBJ1	143.7733	After	Interior Girder 6	19.9333	0.95	1	1	1.664692
EV3_str	BOBJ1	143.7733	After	Right Exterior Girder	19.9333	0.95	1	1	2.455822
EV3_str	BOBJ1	149.8067	Before	Left Exterior Girder	25.9667	0.95	1	1	1.735437
EV3_str	BOBJ1	149.8067	Before	Interior Girder 1	25.9667	0.95	1	1	1.304926
EV3_str	BOBJ1	149.8067	Before	Interior Girder 2	25.9667	0.95	1	1	1.242804
EV3_str	BOBJ1	149.8067	Before	Interior Girder 3	25.9667	0.95	1	1	1.207423
EV3_str	BOBJ1	149.8067	Before	Interior Girder 4	25.9667	0.95	1	1	1.207423
EV3_str	BOBJ1	149.8067	Before	Interior Girder 5	25.9667	0.95	1	1	1.242804
EV3_str	BOBJ1	149.8067	Before	Interior Girder 6	25.9667	0.95	1	1	1.304926
EV3_str	BOBJ1	149.8067	Before	Right Exterior Girder	25.9667	0.95	1	1	1.735437
EV3_str	BOBJ1	149.8067	After	Left Exterior Girder	25.9667	0.95	1	1	1.738707
EV3_str	BOBJ1	149.8067	After	Interior Girder 1	25.9667	0.95	1	1	1.304151
EV3_str	BOBJ1	149.8067	After	Interior Girder 2	25.9667	0.95	1	1	1.250424
EV3_str	BOBJ1	149.8067	After	Interior Girder 3	25.9667	0.95	1	1	1.219145
EV3_str	BOBJ1	149.8067	After	Interior Girder 4	25.9667	0.95	1	1	1.219145
EV3_str	BOBJ1	149.8067	After	Interior Girder 5	25.9667	0.95	1	1	1.250424
EV3_str	BOBJ1	149.8067	After	Interior Girder 6	25.9667	0.95	1	1	1.304151
EV3_str	BOBJ1	149.8067	After	Right Exterior Girder	25.9667	0.95	1	1	1.738707
EV3_str	BOBJ1	155.84	Before	Left Exterior Girder	32	0.95	1	1	1.445802
EV3_str	BOBJ1	155.84	Before	Interior Girder 1	32	0.95	1	1	1.235676
EV3_str	BOBJ1	155.84	Before	Interior Girder 2	32	0.95	1	1	1.180674
EV3_str	BOBJ1	155.84	Before	Interior Girder 3	32	0.95	1	1	1.159642
EV3_str	BOBJ1	155.84	Before	Interior Girder 4	32	0.95	1	1	1.159642
EV3_str	BOBJ1	155.84	Before	Interior Girder 5	32	0.95	1	1	1.180674
EV3_str	BOBJ1	155.84	Before	Interior Girder 6	32	0.95	1	1	1.235676
EV3_str	BOBJ1	155.84	Before	Right Exterior Girder	32	0.95	1	1	1.445802
EV3_str	BOBJ1	155.84	After	Left Exterior Girder	32	0.95	1	1	1.453386
EV3_str	BOBJ1	155.84	After	Interior Girder 1	32	0.95	1	1	1.230733
EV3_str	BOBJ1	155.84	After	Interior Girder 2	32	0.95	1	1	1.178678
EV3_str	BOBJ1	155.84	After	Interior Girder 3	32	0.95	1	1	1.157516
EV3_str	BOBJ1	155.84	After	Interior Girder 4	32	0.95	1	1	1.157516
EV3_str	BOBJ1	155.84	After	Interior Girder 5	32	0.95	1	1	1.178678
EV3_str	BOBJ1	155.84	After	Interior Girder 6	32	0.95	1	1	1.230733
EV3_str	BOBJ1	155.84	After	Right Exterior Girder	32	0.95	1	1	1.453386
EV3_str	BOBJ1	161.8733	Before	Left Exterior Girder	38.0333	0.95	1	1	1.567186
EV3_str	BOBJ1	161.8733	Before	Interior Girder 1	38.0333	0.95	1	1	1.209475
EV3_str	BOBJ1	161.8733	Before	Interior Girder 2	38.0333	0.95	1	1	1.159537
EV3_str	BOBJ1	161.8733	Before	Interior Girder 3	38.0333	0.95	1	1	1.130677
EV3_str	BOBJ1	161.8733	Before	Interior Girder 4	38.0333	0.95	1	1	1.130677
EV3_str	BOBJ1	161.8733	Before	Interior Girder 5	38.0333	0.95	1	1	1.159537
EV3_str	BOBJ1	161.8733	Before	Interior Girder 6	38.0333	0.95	1	1	1.209475
EV3_str	BOBJ1	161.8733	Before	Right Exterior Girder	38.0333	0.95	1	1	1.567186
EV3_str	BOBJ1	161.8733	After	Left Exterior Girder	38.0333	0.95	1	1	1.57149
EV3_str	BOBJ1	161.8733	After	Interior Girder 1	38.0333	0.95	1	1	1.205934
EV3_str	BOBJ1	161.8733	After	Interior Girder 2	38.0333	0.95	1	1	1.153337
EV3_str	BOBJ1	161.8733	After	Interior Girder 3	38.0333	0.95	1	1	1.122089
EV3_str	BOBJ1	161.8733	After	Interior Girder 4	38.0333	0.95	1	1	1.122089
EV3_str	BOBJ1	161.8733	After	Interior Girder 5	38.0333	0.95	1	1	1.153337
EV3_str	BOBJ1	161.8733	After	Interior Girder 6	38.0333	0.95	1	1	1.205934
EV3_str	BOBJ1	161.8733	After	Right Exterior Girder	38.0333	0.95	1	1	1.57149
EV3_str	BOBJ1	167.9067	Before	Left Exterior Girder	44.0667	0.95	1	1	1.960028
EV3_str	BOBJ1	167.9067	Before	Interior Girder 1	44.0667	0.95	1	1	1.417587
EV3_str	BOBJ1	167.9067	Before	Interior Girder 2	44.0667	0.95	1	1	1.343292
EV3_str	BOBJ1	167.9067	Before	Interior Girder 3	44.0667	0.95	1	1	1.310214
EV3_str	BOBJ1	167.9067	Before	Interior Girder 4	44.0667	0.95	1	1	1.310214
EV3_str	BOBJ1	167.9067	Before	Interior Girder 5	44.0667	0.95	1	1	1.343292
EV3_str	BOBJ1	167.9067	Before	Interior Girder 6	44.0667	0.95	1	1	1.417587

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelINonCompStrgth-Flx - Approach, Span 12-1									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
EV3_str	BOBJ1	167.9067	Before	Right Exterior Girder	44.0667	0.95	1	1	1.960028
EV3_str	BOBJ1	167.9067	After	Left Exterior Girder	44.0667	0.95	1	1	1.926306
EV3_str	BOBJ1	167.9067	After	Interior Girder 1	44.0667	0.95	1	1	1.433258
EV3_str	BOBJ1	167.9067	After	Interior Girder 2	44.0667	0.95	1	1	1.348659
EV3_str	BOBJ1	167.9067	After	Interior Girder 3	44.0667	0.95	1	1	1.302697
EV3_str	BOBJ1	167.9067	After	Interior Girder 4	44.0667	0.95	1	1	1.302697
EV3_str	BOBJ1	167.9067	After	Interior Girder 5	44.0667	0.95	1	1	1.348659
EV3_str	BOBJ1	167.9067	After	Interior Girder 6	44.0667	0.95	1	1	1.433258
EV3_str	BOBJ1	167.9067	After	Right Exterior Girder	44.0667	0.95	1	1	1.926306
EV3_str	BOBJ1	173.94	Before	Left Exterior Girder	50.1	0.95	1	1	2.807135
EV3_str	BOBJ1	173.94	Before	Interior Girder 1	50.1	0.95	1	1	2.069312
EV3_str	BOBJ1	173.94	Before	Interior Girder 2	50.1	0.95	1	1	1.897266
EV3_str	BOBJ1	173.94	Before	Interior Girder 3	50.1	0.95	1	1	1.84343
EV3_str	BOBJ1	173.94	Before	Interior Girder 4	50.1	0.95	1	1	1.84343
EV3_str	BOBJ1	173.94	Before	Interior Girder 5	50.1	0.95	1	1	1.897266
EV3_str	BOBJ1	173.94	Before	Interior Girder 6	50.1	0.95	1	1	2.069312
EV3_str	BOBJ1	173.94	Before	Right Exterior Girder	50.1	0.95	1	1	2.807135
EV3_str	BOBJ1	173.94	After	Left Exterior Girder	50.1	0.95	1	1	2.785352
EV3_str	BOBJ1	173.94	After	Interior Girder 1	50.1	0.95	1	1	2.077924
EV3_str	BOBJ1	173.94	After	Interior Girder 2	50.1	0.95	1	1	1.890852
EV3_str	BOBJ1	173.94	After	Interior Girder 3	50.1	0.95	1	1	1.822289
EV3_str	BOBJ1	173.94	After	Interior Girder 4	50.1	0.95	1	1	1.822289
EV3_str	BOBJ1	173.94	After	Interior Girder 5	50.1	0.95	1	1	1.890852
EV3_str	BOBJ1	173.94	After	Interior Girder 6	50.1	0.95	1	1	2.077924
EV3_str	BOBJ1	173.94	After	Right Exterior Girder	50.1	0.95	1	1	2.785352
EV3_str	BOBJ1	179.98	Before	Left Exterior Girder	56.14	0.95	1	1	3.414544
EV3_str	BOBJ1	179.98	Before	Interior Girder 1	56.14	0.95	1	1	3.353549
EV3_str	BOBJ1	179.98	Before	Interior Girder 2	56.14	0.95	1	1	3.024106
EV3_str	BOBJ1	179.98	Before	Interior Girder 3	56.14	0.95	1	1	2.873797
EV3_str	BOBJ1	179.98	Before	Interior Girder 4	56.14	0.95	1	1	2.873797
EV3_str	BOBJ1	179.98	Before	Interior Girder 5	56.14	0.95	1	1	3.024106
EV3_str	BOBJ1	179.98	Before	Interior Girder 6	56.14	0.95	1	1	3.353549
EV3_str	BOBJ1	179.98	Before	Right Exterior Girder	56.14	0.95	1	1	3.414544
EV3_str	BOBJ1	179.98	After	Left Exterior Girder	56.14	0.95	1	1	3.452083
EV3_str	BOBJ1	179.98	After	Interior Girder 1	56.14	0.95	1	1	3.318332
EV3_str	BOBJ1	179.98	After	Interior Girder 2	56.14	0.95	1	1	3.004651
EV3_str	BOBJ1	179.98	After	Interior Girder 3	56.14	0.95	1	1	2.776924
EV3_str	BOBJ1	179.98	After	Interior Girder 4	56.14	0.95	1	1	2.776924
EV3_str	BOBJ1	179.98	After	Interior Girder 5	56.14	0.95	1	1	3.004651
EV3_str	BOBJ1	179.98	After	Interior Girder 6	56.14	0.95	1	1	3.318332
EV3_str	BOBJ1	179.98	After	Right Exterior Girder	56.14	0.95	1	1	3.452083
EV3_str	BOBJ1	183.56	Before	Left Exterior Girder	59.72	0.95	1	1	2.589575
EV3_str	BOBJ1	183.56	Before	Right Exterior Girder	59.72	0.95	1	1	2.589575
EV3_str	BOBJ1	183.56	After	Left Exterior Girder	59.72	0.95	1	1	6.260931
EV3_str	BOBJ1	183.56	After	Right Exterior Girder	59.72	0.95	1	1	6.260931
EV3_str	BOBJ1	186.02	Before	Left Exterior Girder	62.18	0.95	1	1	5.519072
EV3_str	BOBJ1	186.02	Before	Interior Girder 1	62.22	0.95	1	1	2.333921
EV3_str	BOBJ1	186.02	Before	Interior Girder 2	62.22	0.95	1	1	2.227759
EV3_str	BOBJ1	186.02	Before	Interior Girder 3	62.22	0.95	1	1	2.048109
EV3_str	BOBJ1	186.02	Before	Interior Girder 4	62.22	0.95	1	1	2.048109
EV3_str	BOBJ1	186.02	Before	Interior Girder 5	62.22	0.95	1	1	2.227759
EV3_str	BOBJ1	186.02	Before	Interior Girder 6	62.22	0.95	1	1	2.333921
EV3_str	BOBJ1	186.02	Before	Right Exterior Girder	62.18	0.95	1	1	5.519072
EV3_str	BOBJ1	186.02	After	Left Exterior Girder	62.18	0.95	1	1	5.551296
EV3_str	BOBJ1	186.02	After	Interior Girder 1	62.22	0.95	1	1	3.806628
EV3_str	BOBJ1	186.02	After	Interior Girder 2	62.22	0.95	1	1	3.51685
EV3_str	BOBJ1	186.02	After	Interior Girder 3	62.22	0.95	1	1	3.288421
EV3_str	BOBJ1	186.02	After	Interior Girder 4	62.22	0.95	1	1	3.288421
EV3_str	BOBJ1	186.02	After	Interior Girder 5	62.22	0.95	1	1	3.51685
EV3_str	BOBJ1	186.02	After	Interior Girder 6	62.22	0.95	1	1	3.806628
EV3_str	BOBJ1	186.02	After	Right Exterior Girder	62.18	0.95	1	1	5.551296
EV3_str	BOBJ1	192.06	Before	Left Exterior Girder	68.22	0.95	1	1	2.680904
EV3_str	BOBJ1	192.06	Before	Interior Girder 1	68.22	0.95	1	1	1.7743
EV3_str	BOBJ1	192.06	Before	Interior Girder 2	68.22	0.95	1	1	1.686656
EV3_str	BOBJ1	192.06	Before	Interior Girder 3	68.22	0.95	1	1	1.425046

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelINonCompStrgth-Flx - Approach, Span 12-1									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
EV3_str	BOBJ1	192.06	Before	Interior Girder 4	68.22	0.95	1	1	1.425046
EV3_str	BOBJ1	192.06	Before	Interior Girder 5	68.22	0.95	1	1	1.686656
EV3_str	BOBJ1	192.06	Before	Interior Girder 6	68.22	0.95	1	1	1.7743
EV3_str	BOBJ1	192.06	Before	Right Exterior Girder	68.22	0.95	1	1	2.680904
EV3_str	BOBJ1	192.06	After	Left Exterior Girder	0	0.95	1	1	3.314777
EV3_str	BOBJ1	192.06	After	Interior Girder 1	0	0.95	1	1	2.563558
EV3_str	BOBJ1	192.06	After	Interior Girder 2	0	0.95	1	1	2.324001
EV3_str	BOBJ1	192.06	After	Interior Girder 3	0	0.95	1	1	2.001584
EV3_str	BOBJ1	192.06	After	Interior Girder 4	0	0.95	1	1	2.001584
EV3_str	BOBJ1	192.06	After	Interior Girder 5	0	0.95	1	1	2.324001
EV3_str	BOBJ1	192.06	After	Interior Girder 6	0	0.95	1	1	2.563558
EV3_str	BOBJ1	192.06	After	Right Exterior Girder	0	0.95	1	1	3.314777
EV3_str	BOBJ1	197.087	Before	Interior Girder 1	5.027	0.95	1	1	3.307248
EV3_str	BOBJ1	197.087	Before	Interior Girder 2	5.027	0.95	1	1	3.091757
EV3_str	BOBJ1	197.087	Before	Interior Girder 3	5.027	0.95	1	1	3.035043
EV3_str	BOBJ1	197.087	Before	Interior Girder 4	5.027	0.95	1	1	3.035043
EV3_str	BOBJ1	197.087	Before	Interior Girder 5	5.027	0.95	1	1	3.091757
EV3_str	BOBJ1	197.087	Before	Interior Girder 6	5.027	0.95	1	1	3.307248
EV3_str	BOBJ1	197.087	After	Interior Girder 1	5.027	0.95	1	1	2.059916
EV3_str	BOBJ1	197.087	After	Interior Girder 2	5.027	0.95	1	1	1.938626
EV3_str	BOBJ1	197.087	After	Interior Girder 3	5.027	0.95	1	1	1.8878
EV3_str	BOBJ1	197.087	After	Interior Girder 4	5.027	0.95	1	1	1.8878
EV3_str	BOBJ1	197.087	After	Interior Girder 5	5.027	0.95	1	1	1.938626
EV3_str	BOBJ1	197.087	After	Interior Girder 6	5.027	0.95	1	1	2.059916
EV3_str	BOBJ1	197.91	Before	Left Exterior Girder	5.85	0.95	1	1	4.598572
EV3_str	BOBJ1	197.91	Before	Interior Girder 1	5.85	0.95	1	1	2.180274
EV3_str	BOBJ1	197.91	Before	Interior Girder 2	5.85	0.95	1	1	2.034451
EV3_str	BOBJ1	197.91	Before	Interior Girder 3	5.85	0.95	1	1	2.017431
EV3_str	BOBJ1	197.91	Before	Interior Girder 4	5.85	0.95	1	1	2.017431
EV3_str	BOBJ1	197.91	Before	Interior Girder 5	5.85	0.95	1	1	2.034451
EV3_str	BOBJ1	197.91	Before	Interior Girder 6	5.85	0.95	1	1	2.180274
EV3_str	BOBJ1	197.91	Before	Right Exterior Girder	5.85	0.95	1	1	4.598572
EV3_str	BOBJ1	197.91	After	Left Exterior Girder	5.85	0.95	1	1	3.899139
EV3_str	BOBJ1	197.91	After	Interior Girder 1	5.85	0.95	1	1	1.814159
EV3_str	BOBJ1	197.91	After	Interior Girder 2	5.85	0.95	1	1	1.713013
EV3_str	BOBJ1	197.91	After	Interior Girder 3	5.85	0.95	1	1	1.6804
EV3_str	BOBJ1	197.91	After	Interior Girder 4	5.85	0.95	1	1	1.6804
EV3_str	BOBJ1	197.91	After	Interior Girder 5	5.85	0.95	1	1	1.713013
EV3_str	BOBJ1	197.91	After	Interior Girder 6	5.85	0.95	1	1	1.814159
EV3_str	BOBJ1	197.91	After	Right Exterior Girder	5.85	0.95	1	1	3.899139
EV3_str	BOBJ1	199.1816	Before	Left Exterior Girder	7.1216	0.95	1	1	4.17416
EV3_str	BOBJ1	199.1816	Before	Right Exterior Girder	7.1216	0.95	1	1	4.17416
EV3_str	BOBJ1	199.1816	After	Left Exterior Girder	7.1216	0.95	1	1	1.675188
EV3_str	BOBJ1	199.1816	After	Right Exterior Girder	7.1216	0.95	1	1	1.675188
EV3_str	BOBJ1	203.5267	Before	Left Exterior Girder	11.3107	0.95	1	1	2.412862
EV3_str	BOBJ1	203.5267	Before	Interior Girder 1	11.3107	0.95	1	1	2.578846
EV3_str	BOBJ1	203.5267	Before	Interior Girder 2	11.3107	0.95	1	1	2.435373
EV3_str	BOBJ1	203.5267	Before	Interior Girder 3	11.3107	0.95	1	1	2.370448
EV3_str	BOBJ1	203.5267	Before	Interior Girder 4	11.3107	0.95	1	1	2.370448
EV3_str	BOBJ1	203.5267	Before	Interior Girder 5	11.3107	0.95	1	1	2.435373
EV3_str	BOBJ1	203.5267	Before	Interior Girder 6	11.3107	0.95	1	1	2.578846
EV3_str	BOBJ1	203.5267	Before	Right Exterior Girder	11.3107	0.95	1	1	2.412862
EV3_str	BOBJ1	203.5267	After	Left Exterior Girder	11.3107	0.95	1	1	3.884667
EV3_str	BOBJ1	203.5267	After	Interior Girder 1	11.3107	0.95	1	1	4.08448
EV3_str	BOBJ1	203.5267	After	Interior Girder 2	11.3107	0.95	1	1	3.898905
EV3_str	BOBJ1	203.5267	After	Interior Girder 3	11.3107	0.95	1	1	3.783515
EV3_str	BOBJ1	203.5267	After	Interior Girder 4	11.3107	0.95	1	1	3.783515
EV3_str	BOBJ1	203.5267	After	Interior Girder 5	11.3107	0.95	1	1	3.898905
EV3_str	BOBJ1	203.5267	After	Interior Girder 6	11.3107	0.95	1	1	4.08448
EV3_str	BOBJ1	203.5267	After	Right Exterior Girder	11.3107	0.95	1	1	3.884667
EV3_str	BOBJ1	209.1433	Before	Left Exterior Girder	17.0833	0.95	1	1	3.939733
EV3_str	BOBJ1	209.1433	Before	Interior Girder 1	17.0833	0.95	1	1	2.684421
EV3_str	BOBJ1	209.1433	Before	Interior Girder 2	17.0833	0.95	1	1	2.492847
EV3_str	BOBJ1	209.1433	Before	Interior Girder 3	17.0833	0.95	1	1	2.41492
EV3_str	BOBJ1	209.1433	Before	Interior Girder 4	17.0833	0.95	1	1	2.41492

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelINonCompStrgth-Flx - Approach, Span 12-1									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
EV3_str	BOBJ1	209.1433	Before	Interior Girder 5	17.0833	0.95	1	1	2.492847
EV3_str	BOBJ1	209.1433	Before	Interior Girder 6	17.0833	0.95	1	1	2.684421
EV3_str	BOBJ1	209.1433	Before	Right Exterior Girder	17.0833	0.95	1	1	3.939733
EV3_str	BOBJ1	209.1433	After	Left Exterior Girder	17.0833	0.95	1	1	3.913551
EV3_str	BOBJ1	209.1433	After	Interior Girder 1	17.0833	0.95	1	1	2.690296
EV3_str	BOBJ1	209.1433	After	Interior Girder 2	17.0833	0.95	1	1	2.518328
EV3_str	BOBJ1	209.1433	After	Interior Girder 3	17.0833	0.95	1	1	2.459329
EV3_str	BOBJ1	209.1433	After	Interior Girder 4	17.0833	0.95	1	1	2.459329
EV3_str	BOBJ1	209.1433	After	Interior Girder 5	17.0833	0.95	1	1	2.518328
EV3_str	BOBJ1	209.1433	After	Interior Girder 6	17.0833	0.95	1	1	2.690296
EV3_str	BOBJ1	209.1433	After	Right Exterior Girder	17.0833	0.95	1	1	3.913551
EV3_str	BOBJ1	214.76	Before	Left Exterior Girder	22.7	0.95	1	1	2.717642
EV3_str	BOBJ1	214.76	Before	Interior Girder 1	22.7	0.95	1	1	2.129502
EV3_str	BOBJ1	214.76	Before	Interior Girder 2	22.7	0.95	1	1	1.988895
EV3_str	BOBJ1	214.76	Before	Interior Girder 3	22.7	0.95	1	1	1.939485
EV3_str	BOBJ1	214.76	Before	Interior Girder 4	22.7	0.95	1	1	1.939485
EV3_str	BOBJ1	214.76	Before	Interior Girder 5	22.7	0.95	1	1	1.988895
EV3_str	BOBJ1	214.76	Before	Interior Girder 6	22.7	0.95	1	1	2.129502
EV3_str	BOBJ1	214.76	Before	Right Exterior Girder	22.7	0.95	1	1	2.717642
EV3_str	BOBJ1	214.76	After	Left Exterior Girder	22.7	0.95	1	1	2.738772
EV3_str	BOBJ1	214.76	After	Interior Girder 1	22.7	0.95	1	1	2.117702
EV3_str	BOBJ1	214.76	After	Interior Girder 2	22.7	0.95	1	1	1.992252
EV3_str	BOBJ1	214.76	After	Interior Girder 3	22.7	0.95	1	1	1.949399
EV3_str	BOBJ1	214.76	After	Interior Girder 4	22.7	0.95	1	1	1.949399
EV3_str	BOBJ1	214.76	After	Interior Girder 5	22.7	0.95	1	1	1.992252
EV3_str	BOBJ1	214.76	After	Interior Girder 6	22.7	0.95	1	1	2.117702
EV3_str	BOBJ1	214.76	After	Right Exterior Girder	22.7	0.95	1	1	2.738772
EV3_str	BOBJ1	220.3767	Before	Left Exterior Girder	28.3167	0.95	1	1	2.37995
EV3_str	BOBJ1	220.3767	Before	Interior Girder 1	28.3167	0.95	1	1	1.78105
EV3_str	BOBJ1	220.3767	Before	Interior Girder 2	28.3167	0.95	1	1	1.690246
EV3_str	BOBJ1	220.3767	Before	Interior Girder 3	28.3167	0.95	1	1	1.637147
EV3_str	BOBJ1	220.3767	Before	Interior Girder 4	28.3167	0.95	1	1	1.637147
EV3_str	BOBJ1	220.3767	Before	Interior Girder 5	28.3167	0.95	1	1	1.690246
EV3_str	BOBJ1	220.3767	Before	Interior Girder 6	28.3167	0.95	1	1	1.78105
EV3_str	BOBJ1	220.3767	Before	Right Exterior Girder	28.3167	0.95	1	1	2.37995
EV3_str	BOBJ1	220.3767	After	Left Exterior Girder	28.3167	0.95	1	1	2.398923
EV3_str	BOBJ1	220.3767	After	Interior Girder 1	28.3167	0.95	1	1	1.772283
EV3_str	BOBJ1	220.3767	After	Interior Girder 2	28.3167	0.95	1	1	1.685153
EV3_str	BOBJ1	220.3767	After	Interior Girder 3	28.3167	0.95	1	1	1.638316
EV3_str	BOBJ1	220.3767	After	Interior Girder 4	28.3167	0.95	1	1	1.638316
EV3_str	BOBJ1	220.3767	After	Interior Girder 5	28.3167	0.95	1	1	1.685153
EV3_str	BOBJ1	220.3767	After	Interior Girder 6	28.3167	0.95	1	1	1.772283
EV3_str	BOBJ1	220.3767	After	Right Exterior Girder	28.3167	0.95	1	1	2.398923
EV3_str	BOBJ1	225.9933	Before	Left Exterior Girder	33.9333	0.95	1	1	2.29258
EV3_str	BOBJ1	225.9933	Before	Interior Girder 1	33.9333	0.95	1	1	1.703448
EV3_str	BOBJ1	225.9933	Before	Interior Girder 2	33.9333	0.95	1	1	1.623286
EV3_str	BOBJ1	225.9933	Before	Interior Girder 3	33.9333	0.95	1	1	1.575547
EV3_str	BOBJ1	225.9933	Before	Interior Girder 4	33.9333	0.95	1	1	1.575547
EV3_str	BOBJ1	225.9933	Before	Interior Girder 5	33.9333	0.95	1	1	1.623286
EV3_str	BOBJ1	225.9933	Before	Interior Girder 6	33.9333	0.95	1	1	1.703448
EV3_str	BOBJ1	225.9933	Before	Right Exterior Girder	33.9333	0.95	1	1	2.29258
EV3_str	BOBJ1	225.9933	After	Left Exterior Girder	33.9333	0.95	1	1	2.27881
EV3_str	BOBJ1	225.9933	After	Interior Girder 1	33.9333	0.95	1	1	1.712162
EV3_str	BOBJ1	225.9933	After	Interior Girder 2	33.9333	0.95	1	1	1.626013
EV3_str	BOBJ1	225.9933	After	Interior Girder 3	33.9333	0.95	1	1	1.573678
EV3_str	BOBJ1	225.9933	After	Interior Girder 4	33.9333	0.95	1	1	1.573678
EV3_str	BOBJ1	225.9933	After	Interior Girder 5	33.9333	0.95	1	1	1.626013
EV3_str	BOBJ1	225.9933	After	Interior Girder 6	33.9333	0.95	1	1	1.712162
EV3_str	BOBJ1	225.9933	After	Right Exterior Girder	33.9333	0.95	1	1	2.27881
EV3_str	BOBJ1	231.61	Before	Left Exterior Girder	39.55	0.95	1	1	2.438047
EV3_str	BOBJ1	231.61	Before	Interior Girder 1	39.55	0.95	1	1	1.905935
EV3_str	BOBJ1	231.61	Before	Interior Girder 2	39.55	0.95	1	1	1.799095
EV3_str	BOBJ1	231.61	Before	Interior Girder 3	39.55	0.95	1	1	1.736703
EV3_str	BOBJ1	231.61	Before	Interior Girder 4	39.55	0.95	1	1	1.736703
EV3_str	BOBJ1	231.61	Before	Interior Girder 5	39.55	0.95	1	1	1.799095

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelINonCompStrgth-Flx - Approach, Span 12-1									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
EV3_str	BOBJ1	231.61	Before	Interior Girder 6	39.55	0.95	1	1	1.905935
EV3_str	BOBJ1	231.61	Before	Right Exterior Girder	39.55	0.95	1	1	2.438047
EV3_str	BOBJ1	231.61	After	Left Exterior Girder	39.55	0.95	1	1	2.433098
EV3_str	BOBJ1	231.61	After	Interior Girder 1	39.55	0.95	1	1	1.911072
EV3_str	BOBJ1	231.61	After	Interior Girder 2	39.55	0.95	1	1	1.788782
EV3_str	BOBJ1	231.61	After	Interior Girder 3	39.55	0.95	1	1	1.718883
EV3_str	BOBJ1	231.61	After	Interior Girder 4	39.55	0.95	1	1	1.718883
EV3_str	BOBJ1	231.61	After	Interior Girder 5	39.55	0.95	1	1	1.788782
EV3_str	BOBJ1	231.61	After	Interior Girder 6	39.55	0.95	1	1	1.911072
EV3_str	BOBJ1	231.61	After	Right Exterior Girder	39.55	0.95	1	1	2.433098
EV3_str	BOBJ1	237.37	Before	Left Exterior Girder	45.31	0.95	1	1	3.323557
EV3_str	BOBJ1	237.37	Before	Interior Girder 1	45.31	0.95	1	1	2.294367
EV3_str	BOBJ1	237.37	Before	Interior Girder 2	45.31	0.95	1	1	2.173981
EV3_str	BOBJ1	237.37	Before	Interior Girder 3	45.31	0.95	1	1	2.051174
EV3_str	BOBJ1	237.37	Before	Interior Girder 4	45.31	0.95	1	1	2.051174
EV3_str	BOBJ1	237.37	Before	Interior Girder 5	45.31	0.95	1	1	2.173981
EV3_str	BOBJ1	237.37	Before	Interior Girder 6	45.31	0.95	1	1	2.294367
EV3_str	BOBJ1	237.37	Before	Right Exterior Girder	45.31	0.95	1	1	3.323557
EV3_str	BOBJ1	237.37	After	Left Exterior Girder	45.31	0.95	1	1	3.325295
EV3_str	BOBJ1	237.37	After	Interior Girder 1	45.31	0.95	1	1	2.283042
EV3_str	BOBJ1	237.37	After	Interior Girder 2	45.31	0.95	1	1	2.133507
EV3_str	BOBJ1	237.37	After	Interior Girder 3	45.31	0.95	1	1	1.978496
EV3_str	BOBJ1	237.37	After	Interior Girder 4	45.31	0.95	1	1	1.978496
EV3_str	BOBJ1	237.37	After	Interior Girder 5	45.31	0.95	1	1	2.133507
EV3_str	BOBJ1	237.37	After	Interior Girder 6	45.31	0.95	1	1	2.283042
EV3_str	BOBJ1	237.37	After	Right Exterior Girder	45.31	0.95	1	1	3.325295
EV3_str	BOBJ1	243.13	Before	Left Exterior Girder	51.07	0.95	1	1	6.52543
EV3_str	BOBJ1	243.13	Before	Interior Girder 1	51.07	0.95	1	1	3.811107
EV3_str	BOBJ1	243.13	Before	Interior Girder 2	51.07	0.95	1	1	3.592279
EV3_str	BOBJ1	243.13	Before	Interior Girder 3	51.07	0.95	1	1	3.154072
EV3_str	BOBJ1	243.13	Before	Interior Girder 4	51.07	0.95	1	1	3.154072
EV3_str	BOBJ1	243.13	Before	Interior Girder 5	51.07	0.95	1	1	3.592279
EV3_str	BOBJ1	243.13	Before	Interior Girder 6	51.07	0.95	1	1	3.811107
EV3_str	BOBJ1	243.13	Before	Right Exterior Girder	51.07	0.95	1	1	6.52543
EV3_str	BOBJ1	243.13	After	Left Exterior Girder	51.07	0.95	1	1	6.50564
EV3_str	BOBJ1	243.13	After	Interior Girder 1	51.07	0.95	1	1	3.767716
EV3_str	BOBJ1	243.13	After	Interior Girder 2	51.07	0.95	1	1	3.507444
EV3_str	BOBJ1	243.13	After	Interior Girder 3	51.07	0.95	1	1	3.006318
EV3_str	BOBJ1	243.13	After	Interior Girder 4	51.07	0.95	1	1	3.006318
EV3_str	BOBJ1	243.13	After	Interior Girder 5	51.07	0.95	1	1	3.507444
EV3_str	BOBJ1	243.13	After	Interior Girder 6	51.07	0.95	1	1	3.767716
EV3_str	BOBJ1	243.13	After	Right Exterior Girder	51.07	0.95	1	1	6.50564
EV3_str	BOBJ1	248.89	Before	Left Exterior Girder	56.83	0.95	1	1	311.780795
EV3_str	BOBJ1	248.89	Before	Interior Girder 1	56.83	0.95	1	1	267.780764
EV3_str	BOBJ1	248.89	Before	Interior Girder 2	56.83	0.95	1	1	171.176061
EV3_str	BOBJ1	248.89	Before	Interior Girder 3	56.83	0.95	1	1	133.565293
EV3_str	BOBJ1	248.89	Before	Interior Girder 4	56.83	0.95	1	1	133.565293
EV3_str	BOBJ1	248.89	Before	Interior Girder 5	56.83	0.95	1	1	171.176061
EV3_str	BOBJ1	248.89	Before	Interior Girder 6	56.83	0.95	1	1	267.780764
EV3_str	BOBJ1	248.89	Before	Right Exterior Girder	56.83	0.95	1	1	311.780795
EV3-Neg_str	BOBJ1	0	After	Left Exterior Girder	0	0.95	1	1	612.118619
EV3-Neg_str	BOBJ1	0	After	Interior Girder 1	0	0.95	1	1	197.439016
EV3-Neg_str	BOBJ1	0	After	Interior Girder 2	0	0.95	1	1	145.634615
EV3-Neg_str	BOBJ1	0	After	Interior Girder 3	0	0.95	1	1	117.573394
EV3-Neg_str	BOBJ1	0	After	Interior Girder 4	0	0.95	1	1	117.573394
EV3-Neg_str	BOBJ1	0	After	Interior Girder 5	0	0.95	1	1	145.634614
EV3-Neg_str	BOBJ1	0	After	Interior Girder 6	0	0.95	1	1	197.439016
EV3-Neg_str	BOBJ1	0	After	Right Exterior Girder	0	0.95	1	1	612.11862
EV3-Neg_str	BOBJ1	5.85	Before	Left Exterior Girder	5.85	0.95	1	1	37.8633
EV3-Neg_str	BOBJ1	5.85	Before	Interior Girder 1	5.85	0.95	1	1	40.246176
EV3-Neg_str	BOBJ1	5.85	Before	Interior Girder 2	5.85	0.95	1	1	43.13558
EV3-Neg_str	BOBJ1	5.85	Before	Interior Girder 3	5.85	0.95	1	1	42.836312
EV3-Neg_str	BOBJ1	5.85	Before	Interior Girder 4	5.85	0.95	1	1	42.836312
EV3-Neg_str	BOBJ1	5.85	Before	Interior Girder 5	5.85	0.95	1	1	43.13558
EV3-Neg_str	BOBJ1	5.85	Before	Interior Girder 6	5.85	0.95	1	1	40.246176

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelINonCompStrgth-Flx - Approach, Span 12-1									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
EV3-Neg_str	BOBJ1	5.85	Before	Right Exterior Girder	5.85	0.95	1	1	37.8633
EV3-Neg_str	BOBJ1	5.85	After	Left Exterior Girder	5.85	0.95	1	1	34.3145
EV3-Neg_str	BOBJ1	5.85	After	Interior Girder 1	5.85	0.95	1	1	34.272036
EV3-Neg_str	BOBJ1	5.85	After	Interior Girder 2	5.85	0.95	1	1	39.060671
EV3-Neg_str	BOBJ1	5.85	After	Interior Girder 3	5.85	0.95	1	1	39.066624
EV3-Neg_str	BOBJ1	5.85	After	Interior Girder 4	5.85	0.95	1	1	39.066624
EV3-Neg_str	BOBJ1	5.85	After	Interior Girder 5	5.85	0.95	1	1	39.060671
EV3-Neg_str	BOBJ1	5.85	After	Interior Girder 6	5.85	0.95	1	1	34.272036
EV3-Neg_str	BOBJ1	5.85	After	Right Exterior Girder	5.85	0.95	1	1	34.3145
EV3-Neg_str	BOBJ1	11.4667	Before	Left Exterior Girder	11.4667	0.95	1	1	19.178191
EV3-Neg_str	BOBJ1	11.4667	Before	Interior Girder 1	11.4667	0.95	1	1	19.038536
EV3-Neg_str	BOBJ1	11.4667	Before	Interior Girder 2	11.4667	0.95	1	1	20.259365
EV3-Neg_str	BOBJ1	11.4667	Before	Interior Girder 3	11.4667	0.95	1	1	20.69401
EV3-Neg_str	BOBJ1	11.4667	Before	Interior Girder 4	11.4667	0.95	1	1	20.69401
EV3-Neg_str	BOBJ1	11.4667	Before	Interior Girder 5	11.4667	0.95	1	1	20.259365
EV3-Neg_str	BOBJ1	11.4667	Before	Interior Girder 6	11.4667	0.95	1	1	19.038536
EV3-Neg_str	BOBJ1	11.4667	Before	Right Exterior Girder	11.4667	0.95	1	1	19.178191
EV3-Neg_str	BOBJ1	11.4667	After	Left Exterior Girder	11.4667	0.95	1	1	19.706176
EV3-Neg_str	BOBJ1	11.4667	After	Interior Girder 1	11.4667	0.95	1	1	18.648387
EV3-Neg_str	BOBJ1	11.4667	After	Interior Girder 2	11.4667	0.95	1	1	20.716344
EV3-Neg_str	BOBJ1	11.4667	After	Interior Girder 3	11.4667	0.95	1	1	21.217582
EV3-Neg_str	BOBJ1	11.4667	After	Interior Girder 4	11.4667	0.95	1	1	21.217582
EV3-Neg_str	BOBJ1	11.4667	After	Interior Girder 5	11.4667	0.95	1	1	20.716344
EV3-Neg_str	BOBJ1	11.4667	After	Interior Girder 6	11.4667	0.95	1	1	18.648387
EV3-Neg_str	BOBJ1	11.4667	After	Right Exterior Girder	11.4667	0.95	1	1	19.706176
EV3-Neg_str	BOBJ1	17.0833	Before	Left Exterior Girder	17.0833	0.95	1	1	13.611469
EV3-Neg_str	BOBJ1	17.0833	Before	Interior Girder 1	17.0833	0.95	1	1	13.186226
EV3-Neg_str	BOBJ1	17.0833	Before	Interior Girder 2	17.0833	0.95	1	1	13.993616
EV3-Neg_str	BOBJ1	17.0833	Before	Interior Girder 3	17.0833	0.95	1	1	14.468028
EV3-Neg_str	BOBJ1	17.0833	Before	Interior Girder 4	17.0833	0.95	1	1	14.468028
EV3-Neg_str	BOBJ1	17.0833	Before	Interior Girder 5	17.0833	0.95	1	1	13.993616
EV3-Neg_str	BOBJ1	17.0833	Before	Interior Girder 6	17.0833	0.95	1	1	13.186226
EV3-Neg_str	BOBJ1	17.0833	Before	Right Exterior Girder	17.0833	0.95	1	1	13.611469
EV3-Neg_str	BOBJ1	17.0833	After	Left Exterior Girder	17.0833	0.95	1	1	13.852178
EV3-Neg_str	BOBJ1	17.0833	After	Interior Girder 1	17.0833	0.95	1	1	13.027288
EV3-Neg_str	BOBJ1	17.0833	After	Interior Girder 2	17.0833	0.95	1	1	14.263873
EV3-Neg_str	BOBJ1	17.0833	After	Interior Girder 3	17.0833	0.95	1	1	14.768899
EV3-Neg_str	BOBJ1	17.0833	After	Interior Girder 4	17.0833	0.95	1	1	14.768899
EV3-Neg_str	BOBJ1	17.0833	After	Interior Girder 5	17.0833	0.95	1	1	14.263873
EV3-Neg_str	BOBJ1	17.0833	After	Interior Girder 6	17.0833	0.95	1	1	13.027288
EV3-Neg_str	BOBJ1	17.0833	After	Right Exterior Girder	17.0833	0.95	1	1	13.852178
EV3-Neg_str	BOBJ1	22.7	Before	Left Exterior Girder	22.7	0.95	1	1	10.351905
EV3-Neg_str	BOBJ1	22.7	Before	Interior Girder 1	22.7	0.95	1	1	10.028456
EV3-Neg_str	BOBJ1	22.7	Before	Interior Girder 2	22.7	0.95	1	1	10.571968
EV3-Neg_str	BOBJ1	22.7	Before	Interior Girder 3	22.7	0.95	1	1	10.99971
EV3-Neg_str	BOBJ1	22.7	Before	Interior Girder 4	22.7	0.95	1	1	10.99971
EV3-Neg_str	BOBJ1	22.7	Before	Interior Girder 5	22.7	0.95	1	1	10.571968
EV3-Neg_str	BOBJ1	22.7	Before	Interior Girder 6	22.7	0.95	1	1	10.028456
EV3-Neg_str	BOBJ1	22.7	Before	Right Exterior Girder	22.7	0.95	1	1	10.351905
EV3-Neg_str	BOBJ1	22.7	After	Left Exterior Girder	22.7	0.95	1	1	11.733454
EV3-Neg_str	BOBJ1	22.7	After	Interior Girder 1	22.7	0.95	1	1	11.106399
EV3-Neg_str	BOBJ1	22.7	After	Interior Girder 2	22.7	0.95	1	1	12.012282
EV3-Neg_str	BOBJ1	22.7	After	Interior Girder 3	22.7	0.95	1	1	12.48074
EV3-Neg_str	BOBJ1	22.7	After	Interior Girder 4	22.7	0.95	1	1	12.48074
EV3-Neg_str	BOBJ1	22.7	After	Interior Girder 5	22.7	0.95	1	1	12.012282
EV3-Neg_str	BOBJ1	22.7	After	Interior Girder 6	22.7	0.95	1	1	11.106399
EV3-Neg_str	BOBJ1	22.7	After	Right Exterior Girder	22.7	0.95	1	1	11.733454
EV3-Neg_str	BOBJ1	28.3167	Before	Left Exterior Girder	28.3167	0.95	1	1	9.150464
EV3-Neg_str	BOBJ1	28.3167	Before	Interior Girder 1	28.3167	0.95	1	1	8.81784
EV3-Neg_str	BOBJ1	28.3167	Before	Interior Girder 2	28.3167	0.95	1	1	9.059095
EV3-Neg_str	BOBJ1	28.3167	Before	Interior Girder 3	28.3167	0.95	1	1	9.442047
EV3-Neg_str	BOBJ1	28.3167	Before	Interior Girder 4	28.3167	0.95	1	1	9.442047
EV3-Neg_str	BOBJ1	28.3167	Before	Interior Girder 5	28.3167	0.95	1	1	9.059095
EV3-Neg_str	BOBJ1	28.3167	Before	Interior Girder 6	28.3167	0.95	1	1	8.81784
EV3-Neg_str	BOBJ1	28.3167	Before	Right Exterior Girder	28.3167	0.95	1	1	9.150464

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelINonCompStrgth-Flx - Approach, Span 12-1									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
EV3-Neg_str	BOBJ1	28.3167	After	Left Exterior Girder	28.3167	0.95	1	1	9.278524
EV3-Neg_str	BOBJ1	28.3167	After	Interior Girder 1	28.3167	0.95	1	1	8.724575
EV3-Neg_str	BOBJ1	28.3167	After	Interior Girder 2	28.3167	0.95	1	1	9.12186
EV3-Neg_str	BOBJ1	28.3167	After	Interior Girder 3	28.3167	0.95	1	1	9.500367
EV3-Neg_str	BOBJ1	28.3167	After	Interior Girder 4	28.3167	0.95	1	1	9.500367
EV3-Neg_str	BOBJ1	28.3167	After	Interior Girder 5	28.3167	0.95	1	1	9.12186
EV3-Neg_str	BOBJ1	28.3167	After	Interior Girder 6	28.3167	0.95	1	1	8.724575
EV3-Neg_str	BOBJ1	28.3167	After	Right Exterior Girder	28.3167	0.95	1	1	9.278524
EV3-Neg_str	BOBJ1	33.9333	Before	Left Exterior Girder	33.9333	0.95	1	1	7.267332
EV3-Neg_str	BOBJ1	33.9333	Before	Interior Girder 1	33.9333	0.95	1	1	7.020814
EV3-Neg_str	BOBJ1	33.9333	Before	Interior Girder 2	33.9333	0.95	1	1	7.053641
EV3-Neg_str	BOBJ1	33.9333	Before	Interior Girder 3	33.9333	0.95	1	1	7.362209
EV3-Neg_str	BOBJ1	33.9333	Before	Interior Girder 4	33.9333	0.95	1	1	7.362209
EV3-Neg_str	BOBJ1	33.9333	Before	Interior Girder 5	33.9333	0.95	1	1	7.053641
EV3-Neg_str	BOBJ1	33.9333	Before	Interior Girder 6	33.9333	0.95	1	1	7.020814
EV3-Neg_str	BOBJ1	33.9333	Before	Right Exterior Girder	33.9333	0.95	1	1	7.267332
EV3-Neg_str	BOBJ1	33.9333	After	Left Exterior Girder	33.9333	0.95	1	1	7.354668
EV3-Neg_str	BOBJ1	33.9333	After	Interior Girder 1	33.9333	0.95	1	1	6.950749
EV3-Neg_str	BOBJ1	33.9333	After	Interior Girder 2	33.9333	0.95	1	1	7.075518
EV3-Neg_str	BOBJ1	33.9333	After	Interior Girder 3	33.9333	0.95	1	1	7.406289
EV3-Neg_str	BOBJ1	33.9333	After	Interior Girder 4	33.9333	0.95	1	1	7.406289
EV3-Neg_str	BOBJ1	33.9333	After	Interior Girder 5	33.9333	0.95	1	1	7.075518
EV3-Neg_str	BOBJ1	33.9333	After	Interior Girder 6	33.9333	0.95	1	1	6.950749
EV3-Neg_str	BOBJ1	33.9333	After	Right Exterior Girder	33.9333	0.95	1	1	7.354668
EV3-Neg_str	BOBJ1	39.55	Before	Left Exterior Girder	39.55	0.95	1	1	5.6755
EV3-Neg_str	BOBJ1	39.55	Before	Interior Girder 1	39.55	0.95	1	1	5.592791
EV3-Neg_str	BOBJ1	39.55	Before	Interior Girder 2	39.55	0.95	1	1	5.510779
EV3-Neg_str	BOBJ1	39.55	Before	Interior Girder 3	39.55	0.95	1	1	5.753237
EV3-Neg_str	BOBJ1	39.55	Before	Interior Girder 4	39.55	0.95	1	1	5.753237
EV3-Neg_str	BOBJ1	39.55	Before	Interior Girder 5	39.55	0.95	1	1	5.510779
EV3-Neg_str	BOBJ1	39.55	Before	Interior Girder 6	39.55	0.95	1	1	5.592791
EV3-Neg_str	BOBJ1	39.55	Before	Right Exterior Girder	39.55	0.95	1	1	5.6755
EV3-Neg_str	BOBJ1	39.55	After	Left Exterior Girder	39.55	0.95	1	1	5.036912
EV3-Neg_str	BOBJ1	39.55	After	Interior Girder 1	39.55	0.95	1	1	4.857456
EV3-Neg_str	BOBJ1	39.55	After	Interior Girder 2	39.55	0.95	1	1	4.80499
EV3-Neg_str	BOBJ1	39.55	After	Interior Girder 3	39.55	0.95	1	1	5.04463
EV3-Neg_str	BOBJ1	39.55	After	Interior Girder 4	39.55	0.95	1	1	5.04463
EV3-Neg_str	BOBJ1	39.55	After	Interior Girder 5	39.55	0.95	1	1	4.80499
EV3-Neg_str	BOBJ1	39.55	After	Interior Girder 6	39.55	0.95	1	1	4.857456
EV3-Neg_str	BOBJ1	39.55	After	Right Exterior Girder	39.55	0.95	1	1	5.036912
EV3-Neg_str	BOBJ1	45.1733	Before	Left Exterior Girder	45.1226	0.95	1	1	3.658201
EV3-Neg_str	BOBJ1	45.1733	Before	Interior Girder 1	45.1226	0.95	1	1	3.788447
EV3-Neg_str	BOBJ1	45.1733	Before	Interior Girder 2	45.1226	0.95	1	1	3.622787
EV3-Neg_str	BOBJ1	45.1733	Before	Interior Girder 3	45.1226	0.95	1	1	3.667626
EV3-Neg_str	BOBJ1	45.1733	Before	Interior Girder 4	45.1226	0.95	1	1	3.667626
EV3-Neg_str	BOBJ1	45.1733	Before	Interior Girder 5	45.1226	0.95	1	1	3.622787
EV3-Neg_str	BOBJ1	45.1733	Before	Interior Girder 6	45.1226	0.95	1	1	3.788447
EV3-Neg_str	BOBJ1	45.1733	Before	Right Exterior Girder	45.1226	0.95	1	1	3.658201
EV3-Neg_str	BOBJ1	45.1733	After	Left Exterior Girder	45.1226	0.95	1	1	2.928594
EV3-Neg_str	BOBJ1	45.1733	After	Interior Girder 1	45.1226	0.95	1	1	3.01732
EV3-Neg_str	BOBJ1	45.1733	After	Interior Girder 2	45.1226	0.95	1	1	2.874701
EV3-Neg_str	BOBJ1	45.1733	After	Interior Girder 3	45.1226	0.95	1	1	2.920957
EV3-Neg_str	BOBJ1	45.1733	After	Interior Girder 4	45.1226	0.95	1	1	2.920957
EV3-Neg_str	BOBJ1	45.1733	After	Interior Girder 5	45.1226	0.95	1	1	2.874701
EV3-Neg_str	BOBJ1	45.1733	After	Interior Girder 6	45.1226	0.95	1	1	3.01732
EV3-Neg_str	BOBJ1	45.1733	After	Right Exterior Girder	45.1226	0.95	1	1	2.928594
EV3-Neg_str	BOBJ1	49.2561	Before	Left Exterior Girder	49.2561	0.95	1	1	1.921753
EV3-Neg_str	BOBJ1	49.2561	Before	Right Exterior Girder	49.2561	0.95	1	1	1.921753
EV3-Neg_str	BOBJ1	49.2561	After	Left Exterior Girder	49.2561	0.95	1	1	1.975313
EV3-Neg_str	BOBJ1	49.2561	After	Right Exterior Girder	49.2561	0.95	1	1	1.975313
EV3-Neg_str	BOBJ1	50.7967	Before	Left Exterior Girder	50.7967	0.95	1	1	3.768894
EV3-Neg_str	BOBJ1	50.7967	Before	Interior Girder 1	50.7967	0.95	1	1	1.746975
EV3-Neg_str	BOBJ1	50.7967	Before	Interior Girder 2	50.7967	0.95	1	1	1.626938
EV3-Neg_str	BOBJ1	50.7967	Before	Interior Girder 3	50.7967	0.95	1	1	1.462308
EV3-Neg_str	BOBJ1	50.7967	Before	Interior Girder 4	50.7967	0.95	1	1	1.462308

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelINonCompStrgth-Flx - Approach, Span 12-1									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
EV3-Neg_str	BOBJ1	50.7967	Before	Interior Girder 5	50.7967	0.95	1	1	1.626938
EV3-Neg_str	BOBJ1	50.7967	Before	Interior Girder 6	50.7967	0.95	1	1	1.746975
EV3-Neg_str	BOBJ1	50.7967	Before	Right Exterior Girder	50.7967	0.95	1	1	3.768894
EV3-Neg_str	BOBJ1	50.7967	After	Left Exterior Girder	50.7967	0.95	1	1	3.763782
EV3-Neg_str	BOBJ1	50.7967	After	Interior Girder 1	50.7967	0.95	1	1	1.748494
EV3-Neg_str	BOBJ1	50.7967	After	Interior Girder 2	50.7967	0.95	1	1	1.640691
EV3-Neg_str	BOBJ1	50.7967	After	Interior Girder 3	50.7967	0.95	1	1	1.490503
EV3-Neg_str	BOBJ1	50.7967	After	Interior Girder 4	50.7967	0.95	1	1	1.490503
EV3-Neg_str	BOBJ1	50.7967	After	Interior Girder 5	50.7967	0.95	1	1	1.640691
EV3-Neg_str	BOBJ1	50.7967	After	Interior Girder 6	50.7967	0.95	1	1	1.748494
EV3-Neg_str	BOBJ1	50.7967	After	Right Exterior Girder	50.7967	0.95	1	1	3.763782
EV3-Neg_str	BOBJ1	51.3989	Before	Interior Girder 1	51.3989	0.95	1	1	1.564259
EV3-Neg_str	BOBJ1	51.3989	Before	Interior Girder 2	51.3989	0.95	1	1	1.495866
EV3-Neg_str	BOBJ1	51.3989	Before	Interior Girder 3	51.3989	0.95	1	1	1.342255
EV3-Neg_str	BOBJ1	51.3989	Before	Interior Girder 4	51.3989	0.95	1	1	1.342255
EV3-Neg_str	BOBJ1	51.3989	Before	Interior Girder 5	51.3989	0.95	1	1	1.495866
EV3-Neg_str	BOBJ1	51.3989	Before	Interior Girder 6	51.3989	0.95	1	1	1.564259
EV3-Neg_str	BOBJ1	51.3989	After	Interior Girder 1	51.3989	0.95	1	1	2.420725
EV3-Neg_str	BOBJ1	51.3989	After	Interior Girder 2	51.3989	0.95	1	1	2.281857
EV3-Neg_str	BOBJ1	51.3989	After	Interior Girder 3	51.3989	0.95	1	1	2.087123
EV3-Neg_str	BOBJ1	51.3989	After	Interior Girder 4	51.3989	0.95	1	1	2.087123
EV3-Neg_str	BOBJ1	51.3989	After	Interior Girder 5	51.3989	0.95	1	1	2.281857
EV3-Neg_str	BOBJ1	51.3989	After	Interior Girder 6	51.3989	0.95	1	1	2.420725
EV3-Neg_str	BOBJ1	56.42	Before	Left Exterior Girder	56.42	0.95	1	1	1.88156
EV3-Neg_str	BOBJ1	56.42	Before	Interior Girder 1	56.42	0.95	1	1	1.23198
EV3-Neg_str	BOBJ1	56.42	Before	Interior Girder 2	56.42	0.95	1	1	1.185289
EV3-Neg_str	BOBJ1	56.42	Before	Interior Girder 3	56.42	0.95	1	1	1.020426
EV3-Neg_str	BOBJ1	56.42	Before	Interior Girder 4	56.42	0.95	1	1	1.020426
EV3-Neg_str	BOBJ1	56.42	Before	Interior Girder 5	56.42	0.95	1	1	1.185289
EV3-Neg_str	BOBJ1	56.42	Before	Interior Girder 6	56.42	0.95	1	1	1.23198
EV3-Neg_str	BOBJ1	56.42	Before	Right Exterior Girder	56.42	0.95	1	1	1.88156
EV3-Neg_str	BOBJ1	56.42	After	Left Exterior Girder	0	0.95	1	1	1.855306
EV3-Neg_str	BOBJ1	56.42	After	Interior Girder 1	0	0.95	1	1	1.234141
EV3-Neg_str	BOBJ1	56.42	After	Interior Girder 2	0	0.95	1	1	1.185087
EV3-Neg_str	BOBJ1	56.42	After	Interior Girder 3	0	0.95	1	1	1.014865
EV3-Neg_str	BOBJ1	56.42	After	Interior Girder 4	0	0.95	1	1	1.014865
EV3-Neg_str	BOBJ1	56.42	After	Interior Girder 5	0	0.95	1	1	1.185087
EV3-Neg_str	BOBJ1	56.42	After	Interior Girder 6	0	0.95	1	1	1.234141
EV3-Neg_str	BOBJ1	56.42	After	Right Exterior Girder	0	0.95	1	1	1.855306
EV3-Neg_str	BOBJ1	62.0367	Before	Left Exterior Girder	5.6167	0.95	1	1	3.842342
EV3-Neg_str	BOBJ1	62.0367	Before	Interior Girder 1	5.6167	0.95	1	1	2.519678
EV3-Neg_str	BOBJ1	62.0367	Before	Interior Girder 2	5.6167	0.95	1	1	2.36791
EV3-Neg_str	BOBJ1	62.0367	Before	Interior Girder 3	5.6167	0.95	1	1	2.163952
EV3-Neg_str	BOBJ1	62.0367	Before	Interior Girder 4	5.6167	0.95	1	1	2.163952
EV3-Neg_str	BOBJ1	62.0367	Before	Interior Girder 5	5.6167	0.95	1	1	2.36791
EV3-Neg_str	BOBJ1	62.0367	Before	Interior Girder 6	5.6167	0.95	1	1	2.519678
EV3-Neg_str	BOBJ1	62.0367	Before	Right Exterior Girder	5.6167	0.95	1	1	3.842342
EV3-Neg_str	BOBJ1	62.0367	After	Left Exterior Girder	5.6167	0.95	1	1	3.724074
EV3-Neg_str	BOBJ1	62.0367	After	Interior Girder 1	5.6167	0.95	1	1	2.594882
EV3-Neg_str	BOBJ1	62.0367	After	Interior Girder 2	5.6167	0.95	1	1	2.380356
EV3-Neg_str	BOBJ1	62.0367	After	Interior Girder 3	5.6167	0.95	1	1	2.160484
EV3-Neg_str	BOBJ1	62.0367	After	Interior Girder 4	5.6167	0.95	1	1	2.160484
EV3-Neg_str	BOBJ1	62.0367	After	Interior Girder 5	5.6167	0.95	1	1	2.380356
EV3-Neg_str	BOBJ1	62.0367	After	Interior Girder 6	5.6167	0.95	1	1	2.594882
EV3-Neg_str	BOBJ1	62.0367	After	Right Exterior Girder	5.6167	0.95	1	1	3.724074
EV3-Neg_str	BOBJ1	62.4203	Before	Interior Girder 1	6.0003	0.95	1	1	2.760433
EV3-Neg_str	BOBJ1	62.4203	Before	Interior Girder 2	6.0003	0.95	1	1	2.510763
EV3-Neg_str	BOBJ1	62.4203	Before	Interior Girder 3	6.0003	0.95	1	1	2.286501
EV3-Neg_str	BOBJ1	62.4203	Before	Interior Girder 4	6.0003	0.95	1	1	2.286501
EV3-Neg_str	BOBJ1	62.4203	Before	Interior Girder 5	6.0003	0.95	1	1	2.510763
EV3-Neg_str	BOBJ1	62.4203	Before	Interior Girder 6	6.0003	0.95	1	1	2.760433
EV3-Neg_str	BOBJ1	62.4203	After	Interior Girder 1	6.0003	0.95	1	1	1.796634
EV3-Neg_str	BOBJ1	62.4203	After	Interior Girder 2	6.0003	0.95	1	1	1.644616
EV3-Neg_str	BOBJ1	62.4203	After	Interior Girder 3	6.0003	0.95	1	1	1.467772
EV3-Neg_str	BOBJ1	62.4203	After	Interior Girder 4	6.0003	0.95	1	1	1.467772

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelINonCompStrgth-Flx - Approach, Span 12-1									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
EV3-Neg_str	BOBJ1	62.4203	After	Interior Girder 5	6.0003	0.95	1	1	1.644616
EV3-Neg_str	BOBJ1	62.4203	After	Interior Girder 6	6.0003	0.95	1	1	1.796634
EV3-Neg_str	BOBJ1	64.9204	Before	Left Exterior Girder	8.5004	0.95	1	1	5.459523
EV3-Neg_str	BOBJ1	64.9204	Before	Right Exterior Girder	8.5004	0.95	1	1	5.459523
EV3-Neg_str	BOBJ1	64.9204	After	Left Exterior Girder	8.5004	0.95	1	1	2.466237
EV3-Neg_str	BOBJ1	64.9204	After	Right Exterior Girder	8.5004	0.95	1	1	2.466237
EV3-Neg_str	BOBJ1	67.6533	Before	Left Exterior Girder	11.2333	0.95	1	1	3.662417
EV3-Neg_str	BOBJ1	67.6533	Before	Interior Girder 1	11.2333	0.95	1	1	3.578718
EV3-Neg_str	BOBJ1	67.6533	Before	Interior Girder 2	11.2333	0.95	1	1	3.315164
EV3-Neg_str	BOBJ1	67.6533	Before	Interior Girder 3	11.2333	0.95	1	1	3.188095
EV3-Neg_str	BOBJ1	67.6533	Before	Interior Girder 4	11.2333	0.95	1	1	3.188095
EV3-Neg_str	BOBJ1	67.6533	Before	Interior Girder 5	11.2333	0.95	1	1	3.315164
EV3-Neg_str	BOBJ1	67.6533	Before	Interior Girder 6	11.2333	0.95	1	1	3.578718
EV3-Neg_str	BOBJ1	67.6533	Before	Right Exterior Girder	11.2333	0.95	1	1	3.662417
EV3-Neg_str	BOBJ1	67.6533	After	Left Exterior Girder	11.2333	0.95	1	1	3.580117
EV3-Neg_str	BOBJ1	67.6533	After	Interior Girder 1	11.2333	0.95	1	1	3.578571
EV3-Neg_str	BOBJ1	67.6533	After	Interior Girder 2	11.2333	0.95	1	1	3.27721
EV3-Neg_str	BOBJ1	67.6533	After	Interior Girder 3	11.2333	0.95	1	1	3.111057
EV3-Neg_str	BOBJ1	67.6533	After	Interior Girder 4	11.2333	0.95	1	1	3.111057
EV3-Neg_str	BOBJ1	67.6533	After	Interior Girder 5	11.2333	0.95	1	1	3.27721
EV3-Neg_str	BOBJ1	67.6533	After	Interior Girder 6	11.2333	0.95	1	1	3.578571
EV3-Neg_str	BOBJ1	67.6533	After	Right Exterior Girder	11.2333	0.95	1	1	3.580117
EV3-Neg_str	BOBJ1	73.27	Before	Left Exterior Girder	16.85	0.95	1	1	5.332419
EV3-Neg_str	BOBJ1	73.27	Before	Interior Girder 1	16.85	0.95	1	1	5.201319
EV3-Neg_str	BOBJ1	73.27	Before	Interior Girder 2	16.85	0.95	1	1	5.034771
EV3-Neg_str	BOBJ1	73.27	Before	Interior Girder 3	16.85	0.95	1	1	5.324593
EV3-Neg_str	BOBJ1	73.27	Before	Interior Girder 4	16.85	0.95	1	1	5.324593
EV3-Neg_str	BOBJ1	73.27	Before	Interior Girder 5	16.85	0.95	1	1	5.034771
EV3-Neg_str	BOBJ1	73.27	Before	Interior Girder 6	16.85	0.95	1	1	5.201319
EV3-Neg_str	BOBJ1	73.27	Before	Right Exterior Girder	16.85	0.95	1	1	5.332419
EV3-Neg_str	BOBJ1	73.27	After	Left Exterior Girder	16.85	0.95	1	1	6.040445
EV3-Neg_str	BOBJ1	73.27	After	Interior Girder 1	16.85	0.95	1	1	5.997607
EV3-Neg_str	BOBJ1	73.27	After	Interior Girder 2	16.85	0.95	1	1	5.790599
EV3-Neg_str	BOBJ1	73.27	After	Interior Girder 3	16.85	0.95	1	1	6.080746
EV3-Neg_str	BOBJ1	73.27	After	Interior Girder 4	16.85	0.95	1	1	6.080746
EV3-Neg_str	BOBJ1	73.27	After	Interior Girder 5	16.85	0.95	1	1	5.790599
EV3-Neg_str	BOBJ1	73.27	After	Interior Girder 6	16.85	0.95	1	1	5.997607
EV3-Neg_str	BOBJ1	73.27	After	Right Exterior Girder	16.85	0.95	1	1	6.040445
EV3-Neg_str	BOBJ1	78.8867	Before	Left Exterior Girder	22.4667	0.95	1	1	7.834878
EV3-Neg_str	BOBJ1	78.8867	Before	Interior Girder 1	22.4667	0.95	1	1	7.453299
EV3-Neg_str	BOBJ1	78.8867	Before	Interior Girder 2	22.4667	0.95	1	1	7.51667
EV3-Neg_str	BOBJ1	78.8867	Before	Interior Girder 3	22.4667	0.95	1	1	7.912414
EV3-Neg_str	BOBJ1	78.8867	Before	Interior Girder 4	22.4667	0.95	1	1	7.912414
EV3-Neg_str	BOBJ1	78.8867	Before	Interior Girder 5	22.4667	0.95	1	1	7.51667
EV3-Neg_str	BOBJ1	78.8867	Before	Interior Girder 6	22.4667	0.95	1	1	7.453299
EV3-Neg_str	BOBJ1	78.8867	Before	Right Exterior Girder	22.4667	0.95	1	1	7.834878
EV3-Neg_str	BOBJ1	78.8867	After	Left Exterior Girder	22.4667	0.95	1	1	7.768129
EV3-Neg_str	BOBJ1	78.8867	After	Interior Girder 1	22.4667	0.95	1	1	7.511822
EV3-Neg_str	BOBJ1	78.8867	After	Interior Girder 2	22.4667	0.95	1	1	7.494374
EV3-Neg_str	BOBJ1	78.8867	After	Interior Girder 3	22.4667	0.95	1	1	7.892026
EV3-Neg_str	BOBJ1	78.8867	After	Interior Girder 4	22.4667	0.95	1	1	7.892026
EV3-Neg_str	BOBJ1	78.8867	After	Interior Girder 5	22.4667	0.95	1	1	7.494374
EV3-Neg_str	BOBJ1	78.8867	After	Interior Girder 6	22.4667	0.95	1	1	7.511822
EV3-Neg_str	BOBJ1	78.8867	After	Right Exterior Girder	22.4667	0.95	1	1	7.768129
EV3-Neg_str	BOBJ1	84.5033	Before	Left Exterior Girder	28.0833	0.95	1	1	9.772838
EV3-Neg_str	BOBJ1	84.5033	Before	Interior Girder 1	28.0833	0.95	1	1	9.228565
EV3-Neg_str	BOBJ1	84.5033	Before	Interior Girder 2	28.0833	0.95	1	1	9.67102
EV3-Neg_str	BOBJ1	84.5033	Before	Interior Girder 3	28.0833	0.95	1	1	10.133752
EV3-Neg_str	BOBJ1	84.5033	Before	Interior Girder 4	28.0833	0.95	1	1	10.133752
EV3-Neg_str	BOBJ1	84.5033	Before	Interior Girder 5	28.0833	0.95	1	1	9.67102
EV3-Neg_str	BOBJ1	84.5033	Before	Interior Girder 6	28.0833	0.95	1	1	9.228565
EV3-Neg_str	BOBJ1	84.5033	Before	Right Exterior Girder	28.0833	0.95	1	1	9.772838
EV3-Neg_str	BOBJ1	84.5033	After	Left Exterior Girder	28.0833	0.95	1	1	9.67532
EV3-Neg_str	BOBJ1	84.5033	After	Interior Girder 1	28.0833	0.95	1	1	9.308567
EV3-Neg_str	BOBJ1	84.5033	After	Interior Girder 2	28.0833	0.95	1	1	9.614979

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelINonCompStrgth-Flx - Approach, Span 12-1									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
EV3-Neg_str	BOBJ1	84.5033	After	Interior Girder 3	28.0833	0.95	1	1	10.123529
EV3-Neg_str	BOBJ1	84.5033	After	Interior Girder 4	28.0833	0.95	1	1	10.123529
EV3-Neg_str	BOBJ1	84.5033	After	Interior Girder 5	28.0833	0.95	1	1	9.614979
EV3-Neg_str	BOBJ1	84.5033	After	Interior Girder 6	28.0833	0.95	1	1	9.308567
EV3-Neg_str	BOBJ1	84.5033	After	Right Exterior Girder	28.0833	0.95	1	1	9.67532
EV3-Neg_str	BOBJ1	90.12	Before	Left Exterior Girder	33.7	0.95	1	1	9.896053
EV3-Neg_str	BOBJ1	90.12	Before	Interior Girder 1	33.7	0.95	1	1	9.712013
EV3-Neg_str	BOBJ1	90.12	Before	Interior Girder 2	33.7	0.95	1	1	10.440336
EV3-Neg_str	BOBJ1	90.12	Before	Interior Girder 3	33.7	0.95	1	1	10.957574
EV3-Neg_str	BOBJ1	90.12	Before	Interior Girder 4	33.7	0.95	1	1	10.957574
EV3-Neg_str	BOBJ1	90.12	Before	Interior Girder 5	33.7	0.95	1	1	10.440336
EV3-Neg_str	BOBJ1	90.12	Before	Interior Girder 6	33.7	0.95	1	1	9.712013
EV3-Neg_str	BOBJ1	90.12	Before	Right Exterior Girder	33.7	0.95	1	1	9.896053
EV3-Neg_str	BOBJ1	90.12	After	Left Exterior Girder	33.7	0.95	1	1	9.996953
EV3-Neg_str	BOBJ1	90.12	After	Interior Girder 1	33.7	0.95	1	1	9.62067
EV3-Neg_str	BOBJ1	90.12	After	Interior Girder 2	33.7	0.95	1	1	10.504962
EV3-Neg_str	BOBJ1	90.12	After	Interior Girder 3	33.7	0.95	1	1	11.042809
EV3-Neg_str	BOBJ1	90.12	After	Interior Girder 4	33.7	0.95	1	1	11.042809
EV3-Neg_str	BOBJ1	90.12	After	Interior Girder 5	33.7	0.95	1	1	10.504962
EV3-Neg_str	BOBJ1	90.12	After	Interior Girder 6	33.7	0.95	1	1	9.62067
EV3-Neg_str	BOBJ1	90.12	After	Right Exterior Girder	33.7	0.95	1	1	9.996953
EV3-Neg_str	BOBJ1	95.7367	Before	Left Exterior Girder	39.3167	0.95	1	1	7.943374
EV3-Neg_str	BOBJ1	95.7367	Before	Interior Girder 1	39.3167	0.95	1	1	7.623651
EV3-Neg_str	BOBJ1	95.7367	Before	Interior Girder 2	39.3167	0.95	1	1	7.890867
EV3-Neg_str	BOBJ1	95.7367	Before	Interior Girder 3	39.3167	0.95	1	1	8.273636
EV3-Neg_str	BOBJ1	95.7367	Before	Interior Girder 4	39.3167	0.95	1	1	8.273636
EV3-Neg_str	BOBJ1	95.7367	Before	Interior Girder 5	39.3167	0.95	1	1	7.890867
EV3-Neg_str	BOBJ1	95.7367	Before	Interior Girder 6	39.3167	0.95	1	1	7.623651
EV3-Neg_str	BOBJ1	95.7367	Before	Right Exterior Girder	39.3167	0.95	1	1	7.943374
EV3-Neg_str	BOBJ1	95.7367	After	Left Exterior Girder	39.3167	0.95	1	1	8.032303
EV3-Neg_str	BOBJ1	95.7367	After	Interior Girder 1	39.3167	0.95	1	1	7.553724
EV3-Neg_str	BOBJ1	95.7367	After	Interior Girder 2	39.3167	0.95	1	1	7.94448
EV3-Neg_str	BOBJ1	95.7367	After	Interior Girder 3	39.3167	0.95	1	1	8.303535
EV3-Neg_str	BOBJ1	95.7367	After	Interior Girder 4	39.3167	0.95	1	1	8.303535
EV3-Neg_str	BOBJ1	95.7367	After	Interior Girder 5	39.3167	0.95	1	1	7.94448
EV3-Neg_str	BOBJ1	95.7367	After	Interior Girder 6	39.3167	0.95	1	1	7.553724
EV3-Neg_str	BOBJ1	95.7367	After	Right Exterior Girder	39.3167	0.95	1	1	8.032303
EV3-Neg_str	BOBJ1	101.3533	Before	Left Exterior Girder	44.9333	0.95	1	1	6.265397
EV3-Neg_str	BOBJ1	101.3533	Before	Interior Girder 1	44.9333	0.95	1	1	6.042381
EV3-Neg_str	BOBJ1	101.3533	Before	Interior Girder 2	44.9333	0.95	1	1	6.079375
EV3-Neg_str	BOBJ1	101.3533	Before	Interior Girder 3	44.9333	0.95	1	1	6.368457
EV3-Neg_str	BOBJ1	101.3533	Before	Interior Girder 4	44.9333	0.95	1	1	6.368457
EV3-Neg_str	BOBJ1	101.3533	Before	Interior Girder 5	44.9333	0.95	1	1	6.079375
EV3-Neg_str	BOBJ1	101.3533	Before	Interior Girder 6	44.9333	0.95	1	1	6.042381
EV3-Neg_str	BOBJ1	101.3533	Before	Right Exterior Girder	44.9333	0.95	1	1	6.265397
EV3-Neg_str	BOBJ1	101.3533	After	Left Exterior Girder	44.9333	0.95	1	1	6.322401
EV3-Neg_str	BOBJ1	101.3533	After	Interior Girder 1	44.9333	0.95	1	1	5.994991
EV3-Neg_str	BOBJ1	101.3533	After	Interior Girder 2	44.9333	0.95	1	1	6.104378
EV3-Neg_str	BOBJ1	101.3533	After	Interior Girder 3	44.9333	0.95	1	1	6.39906
EV3-Neg_str	BOBJ1	101.3533	After	Interior Girder 4	44.9333	0.95	1	1	6.39906
EV3-Neg_str	BOBJ1	101.3533	After	Interior Girder 5	44.9333	0.95	1	1	6.104378
EV3-Neg_str	BOBJ1	101.3533	After	Interior Girder 6	44.9333	0.95	1	1	5.994991
EV3-Neg_str	BOBJ1	101.3533	After	Right Exterior Girder	44.9333	0.95	1	1	6.322401
EV3-Neg_str	BOBJ1	106.97	Before	Left Exterior Girder	50.55	0.95	1	1	4.813847
EV3-Neg_str	BOBJ1	106.97	Before	Interior Girder 1	50.55	0.95	1	1	4.765389
EV3-Neg_str	BOBJ1	106.97	Before	Interior Girder 2	50.55	0.95	1	1	4.669673
EV3-Neg_str	BOBJ1	106.97	Before	Interior Girder 3	50.55	0.95	1	1	4.876278
EV3-Neg_str	BOBJ1	106.97	Before	Interior Girder 4	50.55	0.95	1	1	4.876278
EV3-Neg_str	BOBJ1	106.97	Before	Interior Girder 5	50.55	0.95	1	1	4.669673
EV3-Neg_str	BOBJ1	106.97	Before	Interior Girder 6	50.55	0.95	1	1	4.765389
EV3-Neg_str	BOBJ1	106.97	Before	Right Exterior Girder	50.55	0.95	1	1	4.813847
EV3-Neg_str	BOBJ1	106.97	After	Left Exterior Girder	50.55	0.95	1	1	4.246251
EV3-Neg_str	BOBJ1	106.97	After	Interior Girder 1	50.55	0.95	1	1	4.134119
EV3-Neg_str	BOBJ1	106.97	After	Interior Girder 2	50.55	0.95	1	1	4.064058
EV3-Neg_str	BOBJ1	106.97	After	Interior Girder 3	50.55	0.95	1	1	4.265261

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelINonCompStrgth-Flx - Approach, Span 12-1									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
EV3-Neg_str	BOBJ1	106.97	After	Interior Girder 4	50.55	0.95	1	1	4.265261
EV3-Neg_str	BOBJ1	106.97	After	Interior Girder 5	50.55	0.95	1	1	4.064058
EV3-Neg_str	BOBJ1	106.97	After	Interior Girder 6	50.55	0.95	1	1	4.134119
EV3-Neg_str	BOBJ1	106.97	After	Right Exterior Girder	50.55	0.95	1	1	4.246251
EV3-Neg_str	BOBJ1	112.5933	Before	Left Exterior Girder	56.1733	0.95	1	1	2.937406
EV3-Neg_str	BOBJ1	112.5933	Before	Interior Girder 1	56.1733	0.95	1	1	3.094278
EV3-Neg_str	BOBJ1	112.5933	Before	Interior Girder 2	56.1733	0.95	1	1	2.899048
EV3-Neg_str	BOBJ1	112.5933	Before	Interior Girder 3	56.1733	0.95	1	1	2.823759
EV3-Neg_str	BOBJ1	112.5933	Before	Interior Girder 4	56.1733	0.95	1	1	2.823759
EV3-Neg_str	BOBJ1	112.5933	Before	Interior Girder 5	56.1733	0.95	1	1	2.899048
EV3-Neg_str	BOBJ1	112.5933	Before	Interior Girder 6	56.1733	0.95	1	1	3.094278
EV3-Neg_str	BOBJ1	112.5933	Before	Right Exterior Girder	56.1733	0.95	1	1	2.937406
EV3-Neg_str	BOBJ1	112.5933	After	Left Exterior Girder	56.1733	0.95	1	1	2.970967
EV3-Neg_str	BOBJ1	112.5933	After	Interior Girder 1	56.1733	0.95	1	1	3.070918
EV3-Neg_str	BOBJ1	112.5933	After	Interior Girder 2	56.1733	0.95	1	1	2.91301
EV3-Neg_str	BOBJ1	112.5933	After	Interior Girder 3	56.1733	0.95	1	1	2.90077
EV3-Neg_str	BOBJ1	112.5933	After	Interior Girder 4	56.1733	0.95	1	1	2.90077
EV3-Neg_str	BOBJ1	112.5933	After	Interior Girder 5	56.1733	0.95	1	1	2.91301
EV3-Neg_str	BOBJ1	112.5933	After	Interior Girder 6	56.1733	0.95	1	1	3.070918
EV3-Neg_str	BOBJ1	112.5933	After	Right Exterior Girder	56.1733	0.95	1	1	2.970967
EV3-Neg_str	BOBJ1	115.3396	Before	Left Exterior Girder	58.9196	0.95	1	1	2.16862
EV3-Neg_str	BOBJ1	115.3396	Before	Right Exterior Girder	58.9196	0.95	1	1	2.16862
EV3-Neg_str	BOBJ1	115.3396	After	Left Exterior Girder	58.9196	0.95	1	1	4.904023
EV3-Neg_str	BOBJ1	115.3396	After	Right Exterior Girder	58.9196	0.95	1	1	4.904023
EV3-Neg_str	BOBJ1	118.2167	Before	Left Exterior Girder	61.7967	0.95	1	1	3.539345
EV3-Neg_str	BOBJ1	118.2167	Before	Interior Girder 1	61.9198	0.95	1	1	1.556437
EV3-Neg_str	BOBJ1	118.2167	Before	Interior Girder 2	61.9198	0.95	1	1	1.471024
EV3-Neg_str	BOBJ1	118.2167	Before	Interior Girder 3	61.9198	0.95	1	1	1.314127
EV3-Neg_str	BOBJ1	118.2167	Before	Interior Girder 4	61.9198	0.95	1	1	1.314127
EV3-Neg_str	BOBJ1	118.2167	Before	Interior Girder 5	61.9198	0.95	1	1	1.471024
EV3-Neg_str	BOBJ1	118.2167	Before	Interior Girder 6	61.9198	0.95	1	1	1.556437
EV3-Neg_str	BOBJ1	118.2167	Before	Right Exterior Girder	61.7967	0.95	1	1	3.539345
EV3-Neg_str	BOBJ1	118.2167	After	Left Exterior Girder	61.7967	0.95	1	1	3.571325
EV3-Neg_str	BOBJ1	118.2167	After	Interior Girder 1	61.9198	0.95	1	1	2.403285
EV3-Neg_str	BOBJ1	118.2167	After	Interior Girder 2	61.9198	0.95	1	1	2.251224
EV3-Neg_str	BOBJ1	118.2167	After	Interior Girder 3	61.9198	0.95	1	1	2.067233
EV3-Neg_str	BOBJ1	118.2167	After	Interior Girder 4	61.9198	0.95	1	1	2.067233
EV3-Neg_str	BOBJ1	118.2167	After	Interior Girder 5	61.9198	0.95	1	1	2.251224
EV3-Neg_str	BOBJ1	118.2167	After	Interior Girder 6	61.9198	0.95	1	1	2.403285
EV3-Neg_str	BOBJ1	118.2167	After	Right Exterior Girder	61.7967	0.95	1	1	3.571325
EV3-Neg_str	BOBJ1	123.84	Before	Left Exterior Girder	67.42	0.95	1	1	1.769433
EV3-Neg_str	BOBJ1	123.84	Before	Interior Girder 1	67.42	0.95	1	1	1.185208
EV3-Neg_str	BOBJ1	123.84	Before	Interior Girder 2	67.42	0.95	1	1	1.13207
EV3-Neg_str	BOBJ1	123.84	Before	Interior Girder 3	67.42	0.95	1	1	0.972547
EV3-Neg_str	BOBJ1	123.84	Before	Interior Girder 4	67.42	0.95	1	1	0.972547
EV3-Neg_str	BOBJ1	123.84	Before	Interior Girder 5	67.42	0.95	1	1	1.13207
EV3-Neg_str	BOBJ1	123.84	Before	Interior Girder 6	67.42	0.95	1	1	1.185208
EV3-Neg_str	BOBJ1	123.84	Before	Right Exterior Girder	67.42	0.95	1	1	1.769433
EV3-Neg_str	BOBJ1	123.84	After	Left Exterior Girder	0	0.95	1	1	1.892742
EV3-Neg_str	BOBJ1	123.84	After	Interior Girder 1	0	0.95	1	1	1.283651
EV3-Neg_str	BOBJ1	123.84	After	Interior Girder 2	0	0.95	1	1	1.221369
EV3-Neg_str	BOBJ1	123.84	After	Interior Girder 3	0	0.95	1	1	1.048805
EV3-Neg_str	BOBJ1	123.84	After	Interior Girder 4	0	0.95	1	1	1.048805
EV3-Neg_str	BOBJ1	123.84	After	Interior Girder 5	0	0.95	1	1	1.221369
EV3-Neg_str	BOBJ1	123.84	After	Interior Girder 6	0	0.95	1	1	1.283651
EV3-Neg_str	BOBJ1	123.84	After	Right Exterior Girder	0	0.95	1	1	1.892742
EV3-Neg_str	BOBJ1	129.34	Before	Interior Girder 1	5.5	0.95	1	1	2.508691
EV3-Neg_str	BOBJ1	129.34	Before	Interior Girder 2	5.5	0.95	1	1	2.351861
EV3-Neg_str	BOBJ1	129.34	Before	Interior Girder 3	5.5	0.95	1	1	2.16203
EV3-Neg_str	BOBJ1	129.34	Before	Interior Girder 4	5.5	0.95	1	1	2.16203
EV3-Neg_str	BOBJ1	129.34	Before	Interior Girder 5	5.5	0.95	1	1	2.351861
EV3-Neg_str	BOBJ1	129.34	Before	Interior Girder 6	5.5	0.95	1	1	2.508691
EV3-Neg_str	BOBJ1	129.34	After	Interior Girder 1	5.5	0.95	1	1	1.626324
EV3-Neg_str	BOBJ1	129.34	After	Interior Girder 2	5.5	0.95	1	1	1.546855
EV3-Neg_str	BOBJ1	129.34	After	Interior Girder 3	5.5	0.95	1	1	1.393771

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelINonCompStrgth-Flx - Approach, Span 12-1									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
EV3-Neg_str	BOBJ1	129.34	After	Interior Girder 4	5.5	0.95	1	1	1.393771
EV3-Neg_str	BOBJ1	129.34	After	Interior Girder 5	5.5	0.95	1	1	1.546855
EV3-Neg_str	BOBJ1	129.34	After	Interior Girder 6	5.5	0.95	1	1	1.626324
EV3-Neg_str	BOBJ1	130.79	Before	Left Exterior Girder	6.95	0.95	1	1	4.420616
EV3-Neg_str	BOBJ1	130.79	Before	Interior Girder 1	6.95	0.95	1	1	2.067067
EV3-Neg_str	BOBJ1	130.79	Before	Interior Girder 2	6.95	0.95	1	1	1.899796
EV3-Neg_str	BOBJ1	130.79	Before	Interior Girder 3	6.95	0.95	1	1	1.760461
EV3-Neg_str	BOBJ1	130.79	Before	Interior Girder 4	6.95	0.95	1	1	1.760461
EV3-Neg_str	BOBJ1	130.79	Before	Interior Girder 5	6.95	0.95	1	1	1.899796
EV3-Neg_str	BOBJ1	130.79	Before	Interior Girder 6	6.95	0.95	1	1	2.067067
EV3-Neg_str	BOBJ1	130.79	Before	Right Exterior Girder	6.95	0.95	1	1	4.420616
EV3-Neg_str	BOBJ1	130.79	After	Left Exterior Girder	6.95	0.95	1	1	4.430205
EV3-Neg_str	BOBJ1	130.79	After	Interior Girder 1	6.95	0.95	1	1	2.040253
EV3-Neg_str	BOBJ1	130.79	After	Interior Girder 2	6.95	0.95	1	1	1.871151
EV3-Neg_str	BOBJ1	130.79	After	Interior Girder 3	6.95	0.95	1	1	1.71131
EV3-Neg_str	BOBJ1	130.79	After	Interior Girder 4	6.95	0.95	1	1	1.71131
EV3-Neg_str	BOBJ1	130.79	After	Interior Girder 5	6.95	0.95	1	1	1.871151
EV3-Neg_str	BOBJ1	130.79	After	Interior Girder 6	6.95	0.95	1	1	2.040253
EV3-Neg_str	BOBJ1	130.79	After	Right Exterior Girder	6.95	0.95	1	1	4.430205
EV3-Neg_str	BOBJ1	132.34	Before	Left Exterior Girder	8.5	0.95	1	1	5.329004
EV3-Neg_str	BOBJ1	132.34	Before	Right Exterior Girder	8.5	0.95	1	1	5.329004
EV3-Neg_str	BOBJ1	132.34	After	Left Exterior Girder	8.5	0.95	1	1	2.316914
EV3-Neg_str	BOBJ1	132.34	After	Right Exterior Girder	8.5	0.95	1	1	2.316914
EV3-Neg_str	BOBJ1	137.74	Before	Left Exterior Girder	13.9	0.95	1	1	3.820251
EV3-Neg_str	BOBJ1	137.74	Before	Interior Girder 1	13.9	0.95	1	1	3.858308
EV3-Neg_str	BOBJ1	137.74	Before	Interior Girder 2	13.9	0.95	1	1	3.686794
EV3-Neg_str	BOBJ1	137.74	Before	Interior Girder 3	13.9	0.95	1	1	3.873209
EV3-Neg_str	BOBJ1	137.74	Before	Interior Girder 4	13.9	0.95	1	1	3.873209
EV3-Neg_str	BOBJ1	137.74	Before	Interior Girder 5	13.9	0.95	1	1	3.686794
EV3-Neg_str	BOBJ1	137.74	Before	Interior Girder 6	13.9	0.95	1	1	3.858308
EV3-Neg_str	BOBJ1	137.74	Before	Right Exterior Girder	13.9	0.95	1	1	3.820251
EV3-Neg_str	BOBJ1	137.74	After	Left Exterior Girder	13.9	0.95	1	1	4.162433
EV3-Neg_str	BOBJ1	137.74	After	Interior Girder 1	13.9	0.95	1	1	4.279281
EV3-Neg_str	BOBJ1	137.74	After	Interior Girder 2	13.9	0.95	1	1	4.093958
EV3-Neg_str	BOBJ1	137.74	After	Interior Girder 3	13.9	0.95	1	1	4.257886
EV3-Neg_str	BOBJ1	137.74	After	Interior Girder 4	13.9	0.95	1	1	4.257886
EV3-Neg_str	BOBJ1	137.74	After	Interior Girder 5	13.9	0.95	1	1	4.093958
EV3-Neg_str	BOBJ1	137.74	After	Interior Girder 6	13.9	0.95	1	1	4.279281
EV3-Neg_str	BOBJ1	137.74	After	Right Exterior Girder	13.9	0.95	1	1	4.162433
EV3-Neg_str	BOBJ1	143.7733	Before	Left Exterior Girder	19.9333	0.95	1	1	5.756102
EV3-Neg_str	BOBJ1	143.7733	Before	Interior Girder 1	19.9333	0.95	1	1	5.562504
EV3-Neg_str	BOBJ1	143.7733	Before	Interior Girder 2	19.9333	0.95	1	1	5.543178
EV3-Neg_str	BOBJ1	143.7733	Before	Interior Girder 3	19.9333	0.95	1	1	5.81221
EV3-Neg_str	BOBJ1	143.7733	Before	Interior Girder 4	19.9333	0.95	1	1	5.81221
EV3-Neg_str	BOBJ1	143.7733	Before	Interior Girder 5	19.9333	0.95	1	1	5.543178
EV3-Neg_str	BOBJ1	143.7733	Before	Interior Girder 6	19.9333	0.95	1	1	5.562504
EV3-Neg_str	BOBJ1	143.7733	Before	Right Exterior Girder	19.9333	0.95	1	1	5.756102
EV3-Neg_str	BOBJ1	143.7733	After	Left Exterior Girder	19.9333	0.95	1	1	5.690741
EV3-Neg_str	BOBJ1	143.7733	After	Interior Girder 1	19.9333	0.95	1	1	5.620363
EV3-Neg_str	BOBJ1	143.7733	After	Interior Girder 2	19.9333	0.95	1	1	5.545968
EV3-Neg_str	BOBJ1	143.7733	After	Interior Girder 3	19.9333	0.95	1	1	5.794239
EV3-Neg_str	BOBJ1	143.7733	After	Interior Girder 4	19.9333	0.95	1	1	5.794239
EV3-Neg_str	BOBJ1	143.7733	After	Interior Girder 5	19.9333	0.95	1	1	5.545968
EV3-Neg_str	BOBJ1	143.7733	After	Interior Girder 6	19.9333	0.95	1	1	5.620363
EV3-Neg_str	BOBJ1	143.7733	After	Right Exterior Girder	19.9333	0.95	1	1	5.690741
EV3-Neg_str	BOBJ1	149.8067	Before	Left Exterior Girder	25.9667	0.95	1	1	7.506969
EV3-Neg_str	BOBJ1	149.8067	Before	Interior Girder 1	25.9667	0.95	1	1	7.147583
EV3-Neg_str	BOBJ1	149.8067	Before	Interior Girder 2	25.9667	0.95	1	1	7.398368
EV3-Neg_str	BOBJ1	149.8067	Before	Interior Girder 3	25.9667	0.95	1	1	7.733448
EV3-Neg_str	BOBJ1	149.8067	Before	Interior Girder 4	25.9667	0.95	1	1	7.733448
EV3-Neg_str	BOBJ1	149.8067	Before	Interior Girder 5	25.9667	0.95	1	1	7.398368
EV3-Neg_str	BOBJ1	149.8067	Before	Interior Girder 6	25.9667	0.95	1	1	7.147583
EV3-Neg_str	BOBJ1	149.8067	Before	Right Exterior Girder	25.9667	0.95	1	1	7.506969
EV3-Neg_str	BOBJ1	149.8067	After	Left Exterior Girder	25.9667	0.95	1	1	7.408414
EV3-Neg_str	BOBJ1	149.8067	After	Interior Girder 1	25.9667	0.95	1	1	7.224447

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelINonCompStrgth-Flx - Approach, Span 12-1									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
EV3-Neg_str	BOBJ1	149.8067	After	Interior Girder 2	25.9667	0.95	1	1	7.371379
EV3-Neg_str	BOBJ1	149.8067	After	Interior Girder 3	25.9667	0.95	1	1	7.720697
EV3-Neg_str	BOBJ1	149.8067	After	Interior Girder 4	25.9667	0.95	1	1	7.720697
EV3-Neg_str	BOBJ1	149.8067	After	Interior Girder 5	25.9667	0.95	1	1	7.371379
EV3-Neg_str	BOBJ1	149.8067	After	Interior Girder 6	25.9667	0.95	1	1	7.224447
EV3-Neg_str	BOBJ1	149.8067	After	Right Exterior Girder	25.9667	0.95	1	1	7.408414
EV3-Neg_str	BOBJ1	155.84	Before	Left Exterior Girder	32	0.95	1	1	9.593983
EV3-Neg_str	BOBJ1	155.84	Before	Interior Girder 1	32	0.95	1	1	9.215626
EV3-Neg_str	BOBJ1	155.84	Before	Interior Girder 2	32	0.95	1	1	9.992974
EV3-Neg_str	BOBJ1	155.84	Before	Interior Girder 3	32	0.95	1	1	10.477752
EV3-Neg_str	BOBJ1	155.84	Before	Interior Girder 4	32	0.95	1	1	10.477752
EV3-Neg_str	BOBJ1	155.84	Before	Interior Girder 5	32	0.95	1	1	9.992974
EV3-Neg_str	BOBJ1	155.84	Before	Interior Girder 6	32	0.95	1	1	9.215627
EV3-Neg_str	BOBJ1	155.84	Before	Right Exterior Girder	32	0.95	1	1	9.593983
EV3-Neg_str	BOBJ1	155.84	After	Left Exterior Girder	32	0.95	1	1	9.485792
EV3-Neg_str	BOBJ1	155.84	After	Interior Girder 1	32	0.95	1	1	9.308821
EV3-Neg_str	BOBJ1	155.84	After	Interior Girder 2	32	0.95	1	1	9.903396
EV3-Neg_str	BOBJ1	155.84	After	Interior Girder 3	32	0.95	1	1	10.395397
EV3-Neg_str	BOBJ1	155.84	After	Interior Girder 4	32	0.95	1	1	10.395397
EV3-Neg_str	BOBJ1	155.84	After	Interior Girder 5	32	0.95	1	1	9.903396
EV3-Neg_str	BOBJ1	155.84	After	Interior Girder 6	32	0.95	1	1	9.308821
EV3-Neg_str	BOBJ1	155.84	After	Right Exterior Girder	32	0.95	1	1	9.485792
EV3-Neg_str	BOBJ1	161.8733	Before	Left Exterior Girder	38.0333	0.95	1	1	10.971713
EV3-Neg_str	BOBJ1	161.8733	Before	Interior Girder 1	38.0333	0.95	1	1	10.627964
EV3-Neg_str	BOBJ1	161.8733	Before	Interior Girder 2	38.0333	0.95	1	1	11.040169
EV3-Neg_str	BOBJ1	161.8733	Before	Interior Girder 3	38.0333	0.95	1	1	11.626804
EV3-Neg_str	BOBJ1	161.8733	Before	Interior Girder 4	38.0333	0.95	1	1	11.626804
EV3-Neg_str	BOBJ1	161.8733	Before	Interior Girder 5	38.0333	0.95	1	1	11.040169
EV3-Neg_str	BOBJ1	161.8733	Before	Interior Girder 6	38.0333	0.95	1	1	10.627964
EV3-Neg_str	BOBJ1	161.8733	Before	Right Exterior Girder	38.0333	0.95	1	1	10.971713
EV3-Neg_str	BOBJ1	161.8733	After	Left Exterior Girder	38.0333	0.95	1	1	11.160147
EV3-Neg_str	BOBJ1	161.8733	After	Interior Girder 1	38.0333	0.95	1	1	10.540024
EV3-Neg_str	BOBJ1	161.8733	After	Interior Girder 2	38.0333	0.95	1	1	11.130222
EV3-Neg_str	BOBJ1	161.8733	After	Interior Girder 3	38.0333	0.95	1	1	11.64767
EV3-Neg_str	BOBJ1	161.8733	After	Interior Girder 4	38.0333	0.95	1	1	11.64767
EV3-Neg_str	BOBJ1	161.8733	After	Interior Girder 5	38.0333	0.95	1	1	11.130222
EV3-Neg_str	BOBJ1	161.8733	After	Interior Girder 6	38.0333	0.95	1	1	10.540024
EV3-Neg_str	BOBJ1	161.8733	After	Right Exterior Girder	38.0333	0.95	1	1	11.160147
EV3-Neg_str	BOBJ1	167.9067	Before	Left Exterior Girder	44.0667	0.95	1	1	8.830357
EV3-Neg_str	BOBJ1	167.9067	Before	Interior Girder 1	44.0667	0.95	1	1	8.462673
EV3-Neg_str	BOBJ1	167.9067	Before	Interior Girder 2	44.0667	0.95	1	1	8.483047
EV3-Neg_str	BOBJ1	167.9067	Before	Interior Girder 3	44.0667	0.95	1	1	8.945062
EV3-Neg_str	BOBJ1	167.9067	Before	Interior Girder 4	44.0667	0.95	1	1	8.945062
EV3-Neg_str	BOBJ1	167.9067	Before	Interior Girder 5	44.0667	0.95	1	1	8.483047
EV3-Neg_str	BOBJ1	167.9067	Before	Interior Girder 6	44.0667	0.95	1	1	8.462673
EV3-Neg_str	BOBJ1	167.9067	Before	Right Exterior Girder	44.0667	0.95	1	1	8.830357
EV3-Neg_str	BOBJ1	167.9067	After	Left Exterior Girder	44.0667	0.95	1	1	8.901457
EV3-Neg_str	BOBJ1	167.9067	After	Interior Girder 1	44.0667	0.95	1	1	8.403028
EV3-Neg_str	BOBJ1	167.9067	After	Interior Girder 2	44.0667	0.95	1	1	8.527746
EV3-Neg_str	BOBJ1	167.9067	After	Interior Girder 3	44.0667	0.95	1	1	8.973524
EV3-Neg_str	BOBJ1	167.9067	After	Interior Girder 4	44.0667	0.95	1	1	8.973524
EV3-Neg_str	BOBJ1	167.9067	After	Interior Girder 5	44.0667	0.95	1	1	8.527746
EV3-Neg_str	BOBJ1	167.9067	After	Interior Girder 6	44.0667	0.95	1	1	8.403028
EV3-Neg_str	BOBJ1	167.9067	After	Right Exterior Girder	44.0667	0.95	1	1	8.901457
EV3-Neg_str	BOBJ1	173.94	Before	Left Exterior Girder	50.1	0.95	1	1	6.801117
EV3-Neg_str	BOBJ1	173.94	Before	Interior Girder 1	50.1	0.95	1	1	6.684709
EV3-Neg_str	BOBJ1	173.94	Before	Interior Girder 2	50.1	0.95	1	1	6.480927
EV3-Neg_str	BOBJ1	173.94	Before	Interior Girder 3	50.1	0.95	1	1	6.815615
EV3-Neg_str	BOBJ1	173.94	Before	Interior Girder 4	50.1	0.95	1	1	6.815615
EV3-Neg_str	BOBJ1	173.94	Before	Interior Girder 5	50.1	0.95	1	1	6.480927
EV3-Neg_str	BOBJ1	173.94	Before	Interior Girder 6	50.1	0.95	1	1	6.684709
EV3-Neg_str	BOBJ1	173.94	Before	Right Exterior Girder	50.1	0.95	1	1	6.801117
EV3-Neg_str	BOBJ1	173.94	After	Left Exterior Girder	50.1	0.95	1	1	5.908748
EV3-Neg_str	BOBJ1	173.94	After	Interior Girder 1	50.1	0.95	1	1	5.710502
EV3-Neg_str	BOBJ1	173.94	After	Interior Girder 2	50.1	0.95	1	1	5.544803

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelINonCompStrgth-Flx - Approach, Span 12-1									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
EV3-Neg_str	BOBJ1	173.94	After	Interior Girder 3	50.1	0.95	1	1	5.857913
EV3-Neg_str	BOBJ1	173.94	After	Interior Girder 4	50.1	0.95	1	1	5.857913
EV3-Neg_str	BOBJ1	173.94	After	Interior Girder 5	50.1	0.95	1	1	5.544803
EV3-Neg_str	BOBJ1	173.94	After	Interior Girder 6	50.1	0.95	1	1	5.710502
EV3-Neg_str	BOBJ1	173.94	After	Right Exterior Girder	50.1	0.95	1	1	5.908748
EV3-Neg_str	BOBJ1	179.98	Before	Left Exterior Girder	56.14	0.95	1	1	3.914815
EV3-Neg_str	BOBJ1	179.98	Before	Interior Girder 1	56.14	0.95	1	1	3.915629
EV3-Neg_str	BOBJ1	179.98	Before	Interior Girder 2	56.14	0.95	1	1	3.571136
EV3-Neg_str	BOBJ1	179.98	Before	Interior Girder 3	56.14	0.95	1	1	3.385327
EV3-Neg_str	BOBJ1	179.98	Before	Interior Girder 4	56.14	0.95	1	1	3.385327
EV3-Neg_str	BOBJ1	179.98	Before	Interior Girder 5	56.14	0.95	1	1	3.571136
EV3-Neg_str	BOBJ1	179.98	Before	Interior Girder 6	56.14	0.95	1	1	3.915629
EV3-Neg_str	BOBJ1	179.98	Before	Right Exterior Girder	56.14	0.95	1	1	3.914815
EV3-Neg_str	BOBJ1	179.98	After	Left Exterior Girder	56.14	0.95	1	1	3.997376
EV3-Neg_str	BOBJ1	179.98	After	Interior Girder 1	56.14	0.95	1	1	3.932834
EV3-Neg_str	BOBJ1	179.98	After	Interior Girder 2	56.14	0.95	1	1	3.63314
EV3-Neg_str	BOBJ1	179.98	After	Interior Girder 3	56.14	0.95	1	1	3.491556
EV3-Neg_str	BOBJ1	179.98	After	Interior Girder 4	56.14	0.95	1	1	3.491556
EV3-Neg_str	BOBJ1	179.98	After	Interior Girder 5	56.14	0.95	1	1	3.63314
EV3-Neg_str	BOBJ1	179.98	After	Interior Girder 6	56.14	0.95	1	1	3.932834
EV3-Neg_str	BOBJ1	179.98	After	Right Exterior Girder	56.14	0.95	1	1	3.997376
EV3-Neg_str	BOBJ1	183.56	Before	Left Exterior Girder	59.72	0.95	1	1	2.38018
EV3-Neg_str	BOBJ1	183.56	Before	Right Exterior Girder	59.72	0.95	1	1	2.38018
EV3-Neg_str	BOBJ1	183.56	After	Left Exterior Girder	59.72	0.95	1	1	5.880086
EV3-Neg_str	BOBJ1	183.56	After	Right Exterior Girder	59.72	0.95	1	1	5.880086
EV3-Neg_str	BOBJ1	186.02	Before	Left Exterior Girder	62.18	0.95	1	1	4.121496
EV3-Neg_str	BOBJ1	186.02	Before	Interior Girder 1	62.22	0.95	1	1	1.683591
EV3-Neg_str	BOBJ1	186.02	Before	Interior Girder 2	62.22	0.95	1	1	1.596188
EV3-Neg_str	BOBJ1	186.02	Before	Interior Girder 3	62.22	0.95	1	1	1.412394
EV3-Neg_str	BOBJ1	186.02	Before	Interior Girder 4	62.22	0.95	1	1	1.412394
EV3-Neg_str	BOBJ1	186.02	Before	Interior Girder 5	62.22	0.95	1	1	1.596188
EV3-Neg_str	BOBJ1	186.02	Before	Interior Girder 6	62.22	0.95	1	1	1.683591
EV3-Neg_str	BOBJ1	186.02	Before	Right Exterior Girder	62.18	0.95	1	1	4.121496
EV3-Neg_str	BOBJ1	186.02	After	Left Exterior Girder	62.18	0.95	1	1	4.166876
EV3-Neg_str	BOBJ1	186.02	After	Interior Girder 1	62.22	0.95	1	1	2.759883
EV3-Neg_str	BOBJ1	186.02	After	Interior Girder 2	62.22	0.95	1	1	2.592489
EV3-Neg_str	BOBJ1	186.02	After	Interior Girder 3	62.22	0.95	1	1	2.36555
EV3-Neg_str	BOBJ1	186.02	After	Interior Girder 4	62.22	0.95	1	1	2.36555
EV3-Neg_str	BOBJ1	186.02	After	Interior Girder 5	62.22	0.95	1	1	2.592489
EV3-Neg_str	BOBJ1	186.02	After	Interior Girder 6	62.22	0.95	1	1	2.759883
EV3-Neg_str	BOBJ1	186.02	After	Right Exterior Girder	62.18	0.95	1	1	4.166876
EV3-Neg_str	BOBJ1	192.06	Before	Left Exterior Girder	68.22	0.95	1	1	1.912035
EV3-Neg_str	BOBJ1	192.06	Before	Interior Girder 1	68.22	0.95	1	1	1.284553
EV3-Neg_str	BOBJ1	192.06	Before	Interior Girder 2	68.22	0.95	1	1	1.227047
EV3-Neg_str	BOBJ1	192.06	Before	Interior Girder 3	68.22	0.95	1	1	1.048605
EV3-Neg_str	BOBJ1	192.06	Before	Interior Girder 4	68.22	0.95	1	1	1.048605
EV3-Neg_str	BOBJ1	192.06	Before	Interior Girder 5	68.22	0.95	1	1	1.227047
EV3-Neg_str	BOBJ1	192.06	Before	Interior Girder 6	68.22	0.95	1	1	1.284553
EV3-Neg_str	BOBJ1	192.06	Before	Right Exterior Girder	68.22	0.95	1	1	1.912035
EV3-Neg_str	BOBJ1	192.06	After	Left Exterior Girder	0	0.95	1	1	2.469822
EV3-Neg_str	BOBJ1	192.06	After	Interior Girder 1	0	0.95	1	1	1.633386
EV3-Neg_str	BOBJ1	192.06	After	Interior Girder 2	0	0.95	1	1	1.554846
EV3-Neg_str	BOBJ1	192.06	After	Interior Girder 3	0	0.95	1	1	1.338851
EV3-Neg_str	BOBJ1	192.06	After	Interior Girder 4	0	0.95	1	1	1.338851
EV3-Neg_str	BOBJ1	192.06	After	Interior Girder 5	0	0.95	1	1	1.554846
EV3-Neg_str	BOBJ1	192.06	After	Interior Girder 6	0	0.95	1	1	1.633386
EV3-Neg_str	BOBJ1	192.06	After	Right Exterior Girder	0	0.95	1	1	2.469822
EV3-Neg_str	BOBJ1	197.087	Before	Interior Girder 1	5.027	0.95	1	1	3.03169
EV3-Neg_str	BOBJ1	197.087	Before	Interior Girder 2	5.027	0.95	1	1	2.812989
EV3-Neg_str	BOBJ1	197.087	Before	Interior Girder 3	5.027	0.95	1	1	2.643915
EV3-Neg_str	BOBJ1	197.087	Before	Interior Girder 4	5.027	0.95	1	1	2.643915
EV3-Neg_str	BOBJ1	197.087	Before	Interior Girder 5	5.027	0.95	1	1	2.812989
EV3-Neg_str	BOBJ1	197.087	Before	Interior Girder 6	5.027	0.95	1	1	3.03169
EV3-Neg_str	BOBJ1	197.087	After	Interior Girder 1	5.027	0.95	1	1	1.859102
EV3-Neg_str	BOBJ1	197.087	After	Interior Girder 2	5.027	0.95	1	1	1.745054

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelINonCompStrgth-Flx - Approach, Span 12-1									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
EV3-Neg_str	BOBJ1	197.087	After	Interior Girder 3	5.027	0.95	1	1	1.61918
EV3-Neg_str	BOBJ1	197.087	After	Interior Girder 4	5.027	0.95	1	1	1.61918
EV3-Neg_str	BOBJ1	197.087	After	Interior Girder 5	5.027	0.95	1	1	1.745054
EV3-Neg_str	BOBJ1	197.087	After	Interior Girder 6	5.027	0.95	1	1	1.859102
EV3-Neg_str	BOBJ1	197.91	Before	Left Exterior Girder	5.85	0.95	1	1	4.758281
EV3-Neg_str	BOBJ1	197.91	Before	Interior Girder 1	5.85	0.95	1	1	2.123722
EV3-Neg_str	BOBJ1	197.91	Before	Interior Girder 2	5.85	0.95	1	1	1.953312
EV3-Neg_str	BOBJ1	197.91	Before	Interior Girder 3	5.85	0.95	1	1	1.853293
EV3-Neg_str	BOBJ1	197.91	Before	Interior Girder 4	5.85	0.95	1	1	1.853293
EV3-Neg_str	BOBJ1	197.91	Before	Interior Girder 5	5.85	0.95	1	1	1.953312
EV3-Neg_str	BOBJ1	197.91	Before	Interior Girder 6	5.85	0.95	1	1	2.123722
EV3-Neg_str	BOBJ1	197.91	Before	Right Exterior Girder	5.85	0.95	1	1	4.758281
EV3-Neg_str	BOBJ1	197.91	After	Left Exterior Girder	5.85	0.95	1	1	4.017651
EV3-Neg_str	BOBJ1	197.91	After	Interior Girder 1	5.85	0.95	1	1	1.759398
EV3-Neg_str	BOBJ1	197.91	After	Interior Girder 2	5.85	0.95	1	1	1.622248
EV3-Neg_str	BOBJ1	197.91	After	Interior Girder 3	5.85	0.95	1	1	1.512934
EV3-Neg_str	BOBJ1	197.91	After	Interior Girder 4	5.85	0.95	1	1	1.512934
EV3-Neg_str	BOBJ1	197.91	After	Interior Girder 5	5.85	0.95	1	1	1.622248
EV3-Neg_str	BOBJ1	197.91	After	Interior Girder 6	5.85	0.95	1	1	1.759398
EV3-Neg_str	BOBJ1	197.91	After	Right Exterior Girder	5.85	0.95	1	1	4.017651
EV3-Neg_str	BOBJ1	199.1816	Before	Left Exterior Girder	7.1216	0.95	1	1	4.581178
EV3-Neg_str	BOBJ1	199.1816	Before	Right Exterior Girder	7.1216	0.95	1	1	4.581178
EV3-Neg_str	BOBJ1	199.1816	After	Left Exterior Girder	7.1216	0.95	1	1	1.820243
EV3-Neg_str	BOBJ1	199.1816	After	Right Exterior Girder	7.1216	0.95	1	1	1.820243
EV3-Neg_str	BOBJ1	203.5267	Before	Left Exterior Girder	11.3107	0.95	1	1	2.729692
EV3-Neg_str	BOBJ1	203.5267	Before	Interior Girder 1	11.3107	0.95	1	1	2.898214
EV3-Neg_str	BOBJ1	203.5267	Before	Interior Girder 2	11.3107	0.95	1	1	2.731398
EV3-Neg_str	BOBJ1	203.5267	Before	Interior Girder 3	11.3107	0.95	1	1	2.813402
EV3-Neg_str	BOBJ1	203.5267	Before	Interior Girder 4	11.3107	0.95	1	1	2.813402
EV3-Neg_str	BOBJ1	203.5267	Before	Interior Girder 5	11.3107	0.95	1	1	2.731398
EV3-Neg_str	BOBJ1	203.5267	Before	Interior Girder 6	11.3107	0.95	1	1	2.898214
EV3-Neg_str	BOBJ1	203.5267	Before	Right Exterior Girder	11.3107	0.95	1	1	2.729692
EV3-Neg_str	BOBJ1	203.5267	After	Left Exterior Girder	11.3107	0.95	1	1	4.392193
EV3-Neg_str	BOBJ1	203.5267	After	Interior Girder 1	11.3107	0.95	1	1	4.609781
EV3-Neg_str	BOBJ1	203.5267	After	Interior Girder 2	11.3107	0.95	1	1	4.378127
EV3-Neg_str	BOBJ1	203.5267	After	Interior Girder 3	11.3107	0.95	1	1	4.483123
EV3-Neg_str	BOBJ1	203.5267	After	Interior Girder 4	11.3107	0.95	1	1	4.483123
EV3-Neg_str	BOBJ1	203.5267	After	Interior Girder 5	11.3107	0.95	1	1	4.378127
EV3-Neg_str	BOBJ1	203.5267	After	Interior Girder 6	11.3107	0.95	1	1	4.609781
EV3-Neg_str	BOBJ1	203.5267	After	Right Exterior Girder	11.3107	0.95	1	1	4.392193
EV3-Neg_str	BOBJ1	209.1433	Before	Left Exterior Girder	17.0833	0.95	1	1	5.80768
EV3-Neg_str	BOBJ1	209.1433	Before	Interior Girder 1	17.0833	0.95	1	1	5.767378
EV3-Neg_str	BOBJ1	209.1433	Before	Interior Girder 2	17.0833	0.95	1	1	5.66252
EV3-Neg_str	BOBJ1	209.1433	Before	Interior Girder 3	17.0833	0.95	1	1	5.898424
EV3-Neg_str	BOBJ1	209.1433	Before	Interior Girder 4	17.0833	0.95	1	1	5.898424
EV3-Neg_str	BOBJ1	209.1433	Before	Interior Girder 5	17.0833	0.95	1	1	5.66252
EV3-Neg_str	BOBJ1	209.1433	Before	Interior Girder 6	17.0833	0.95	1	1	5.767378
EV3-Neg_str	BOBJ1	209.1433	Before	Right Exterior Girder	17.0833	0.95	1	1	5.80768
EV3-Neg_str	BOBJ1	209.1433	After	Left Exterior Girder	17.0833	0.95	1	1	5.737094
EV3-Neg_str	BOBJ1	209.1433	After	Interior Girder 1	17.0833	0.95	1	1	5.829339
EV3-Neg_str	BOBJ1	209.1433	After	Interior Girder 2	17.0833	0.95	1	1	5.696105
EV3-Neg_str	BOBJ1	209.1433	After	Interior Girder 3	17.0833	0.95	1	1	5.907552
EV3-Neg_str	BOBJ1	209.1433	After	Interior Girder 4	17.0833	0.95	1	1	5.907552
EV3-Neg_str	BOBJ1	209.1433	After	Interior Girder 5	17.0833	0.95	1	1	5.696105
EV3-Neg_str	BOBJ1	209.1433	After	Interior Girder 6	17.0833	0.95	1	1	5.829339
EV3-Neg_str	BOBJ1	209.1433	After	Right Exterior Girder	17.0833	0.95	1	1	5.737094
EV3-Neg_str	BOBJ1	214.76	Before	Left Exterior Girder	22.7	0.95	1	1	7.370677
EV3-Neg_str	BOBJ1	214.76	Before	Interior Girder 1	22.7	0.95	1	1	7.164095
EV3-Neg_str	BOBJ1	214.76	Before	Interior Girder 2	22.7	0.95	1	1	7.348656
EV3-Neg_str	BOBJ1	214.76	Before	Interior Girder 3	22.7	0.95	1	1	7.713971
EV3-Neg_str	BOBJ1	214.76	Before	Interior Girder 4	22.7	0.95	1	1	7.713971
EV3-Neg_str	BOBJ1	214.76	Before	Interior Girder 5	22.7	0.95	1	1	7.348656
EV3-Neg_str	BOBJ1	214.76	Before	Interior Girder 6	22.7	0.95	1	1	7.164095
EV3-Neg_str	BOBJ1	214.76	Before	Right Exterior Girder	22.7	0.95	1	1	7.370677
EV3-Neg_str	BOBJ1	214.76	After	Left Exterior Girder	22.7	0.95	1	1	8.222876

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelINonCompStrgth-Flx - Approach, Span 12-1									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
EV3-Neg_str	BOBJ1	214.76	After	Interior Girder 1	22.7	0.95	1	1	8.185719
EV3-Neg_str	BOBJ1	214.76	After	Interior Girder 2	22.7	0.95	1	1	8.300597
EV3-Neg_str	BOBJ1	214.76	After	Interior Girder 3	22.7	0.95	1	1	8.69445
EV3-Neg_str	BOBJ1	214.76	After	Interior Girder 4	22.7	0.95	1	1	8.69445
EV3-Neg_str	BOBJ1	214.76	After	Interior Girder 5	22.7	0.95	1	1	8.300597
EV3-Neg_str	BOBJ1	214.76	After	Interior Girder 6	22.7	0.95	1	1	8.185719
EV3-Neg_str	BOBJ1	214.76	After	Right Exterior Girder	22.7	0.95	1	1	8.222876
EV3-Neg_str	BOBJ1	220.3767	Before	Left Exterior Girder	28.3167	0.95	1	1	10.423526
EV3-Neg_str	BOBJ1	220.3767	Before	Interior Girder 1	28.3167	0.95	1	1	10.025847
EV3-Neg_str	BOBJ1	220.3767	Before	Interior Girder 2	28.3167	0.95	1	1	10.57572
EV3-Neg_str	BOBJ1	220.3767	Before	Interior Girder 3	28.3167	0.95	1	1	11.03934
EV3-Neg_str	BOBJ1	220.3767	Before	Interior Girder 4	28.3167	0.95	1	1	11.03934
EV3-Neg_str	BOBJ1	220.3767	Before	Interior Girder 5	28.3167	0.95	1	1	10.57572
EV3-Neg_str	BOBJ1	220.3767	Before	Interior Girder 6	28.3167	0.95	1	1	10.025847
EV3-Neg_str	BOBJ1	220.3767	Before	Right Exterior Girder	28.3167	0.95	1	1	10.423526
EV3-Neg_str	BOBJ1	220.3767	After	Left Exterior Girder	28.3167	0.95	1	1	10.289937
EV3-Neg_str	BOBJ1	220.3767	After	Interior Girder 1	28.3167	0.95	1	1	10.131163
EV3-Neg_str	BOBJ1	220.3767	After	Interior Girder 2	28.3167	0.95	1	1	10.462043
EV3-Neg_str	BOBJ1	220.3767	After	Interior Girder 3	28.3167	0.95	1	1	10.929642
EV3-Neg_str	BOBJ1	220.3767	After	Interior Girder 4	28.3167	0.95	1	1	10.929642
EV3-Neg_str	BOBJ1	220.3767	After	Interior Girder 5	28.3167	0.95	1	1	10.462043
EV3-Neg_str	BOBJ1	220.3767	After	Interior Girder 6	28.3167	0.95	1	1	10.131163
EV3-Neg_str	BOBJ1	220.3767	After	Right Exterior Girder	28.3167	0.95	1	1	10.289937
EV3-Neg_str	BOBJ1	225.9933	Before	Left Exterior Girder	33.9333	0.95	1	1	13.183707
EV3-Neg_str	BOBJ1	225.9933	Before	Interior Girder 1	33.9333	0.95	1	1	12.63792
EV3-Neg_str	BOBJ1	225.9933	Before	Interior Girder 2	33.9333	0.95	1	1	13.664893
EV3-Neg_str	BOBJ1	225.9933	Before	Interior Girder 3	33.9333	0.95	1	1	14.180734
EV3-Neg_str	BOBJ1	225.9933	Before	Interior Girder 4	33.9333	0.95	1	1	14.180734
EV3-Neg_str	BOBJ1	225.9933	Before	Interior Girder 5	33.9333	0.95	1	1	13.664893
EV3-Neg_str	BOBJ1	225.9933	Before	Interior Girder 6	33.9333	0.95	1	1	12.63792
EV3-Neg_str	BOBJ1	225.9933	Before	Right Exterior Girder	33.9333	0.95	1	1	13.183707
EV3-Neg_str	BOBJ1	225.9933	After	Left Exterior Girder	33.9333	0.95	1	1	12.969265
EV3-Neg_str	BOBJ1	225.9933	After	Interior Girder 1	33.9333	0.95	1	1	12.791645
EV3-Neg_str	BOBJ1	225.9933	After	Interior Girder 2	33.9333	0.95	1	1	13.485244
EV3-Neg_str	BOBJ1	225.9933	After	Interior Girder 3	33.9333	0.95	1	1	14.02176
EV3-Neg_str	BOBJ1	225.9933	After	Interior Girder 4	33.9333	0.95	1	1	14.02176
EV3-Neg_str	BOBJ1	225.9933	After	Interior Girder 5	33.9333	0.95	1	1	13.485244
EV3-Neg_str	BOBJ1	225.9933	After	Interior Girder 6	33.9333	0.95	1	1	12.791645
EV3-Neg_str	BOBJ1	225.9933	After	Right Exterior Girder	33.9333	0.95	1	1	12.969265
EV3-Neg_str	BOBJ1	231.61	Before	Left Exterior Girder	39.55	0.95	1	1	17.195994
EV3-Neg_str	BOBJ1	231.61	Before	Interior Girder 1	39.55	0.95	1	1	16.608234
EV3-Neg_str	BOBJ1	231.61	Before	Interior Girder 2	39.55	0.95	1	1	18.484585
EV3-Neg_str	BOBJ1	231.61	Before	Interior Girder 3	39.55	0.95	1	1	19.155934
EV3-Neg_str	BOBJ1	231.61	Before	Interior Girder 4	39.55	0.95	1	1	19.155934
EV3-Neg_str	BOBJ1	231.61	Before	Interior Girder 5	39.55	0.95	1	1	18.484585
EV3-Neg_str	BOBJ1	231.61	Before	Interior Girder 6	39.55	0.95	1	1	16.608234
EV3-Neg_str	BOBJ1	231.61	Before	Right Exterior Girder	39.55	0.95	1	1	17.195994
EV3-Neg_str	BOBJ1	231.61	After	Left Exterior Girder	39.55	0.95	1	1	16.848883
EV3-Neg_str	BOBJ1	231.61	After	Interior Girder 1	39.55	0.95	1	1	16.857258
EV3-Neg_str	BOBJ1	231.61	After	Interior Girder 2	39.55	0.95	1	1	18.213766
EV3-Neg_str	BOBJ1	231.61	After	Interior Girder 3	39.55	0.95	1	1	18.789928
EV3-Neg_str	BOBJ1	231.61	After	Interior Girder 4	39.55	0.95	1	1	18.789928
EV3-Neg_str	BOBJ1	231.61	After	Interior Girder 5	39.55	0.95	1	1	18.213766
EV3-Neg_str	BOBJ1	231.61	After	Interior Girder 6	39.55	0.95	1	1	16.857258
EV3-Neg_str	BOBJ1	231.61	After	Right Exterior Girder	39.55	0.95	1	1	16.848883
EV3-Neg_str	BOBJ1	237.37	Before	Left Exterior Girder	45.31	0.95	1	1	24.846791
EV3-Neg_str	BOBJ1	237.37	Before	Interior Girder 1	45.31	0.95	1	1	24.083183
EV3-Neg_str	BOBJ1	237.37	Before	Interior Girder 2	45.31	0.95	1	1	27.170711
EV3-Neg_str	BOBJ1	237.37	Before	Interior Girder 3	45.31	0.95	1	1	27.965647
EV3-Neg_str	BOBJ1	237.37	Before	Interior Girder 4	45.31	0.95	1	1	27.965647
EV3-Neg_str	BOBJ1	237.37	Before	Interior Girder 5	45.31	0.95	1	1	27.170711
EV3-Neg_str	BOBJ1	237.37	Before	Interior Girder 6	45.31	0.95	1	1	24.083183
EV3-Neg_str	BOBJ1	237.37	Before	Right Exterior Girder	45.31	0.95	1	1	24.846791
EV3-Neg_str	BOBJ1	237.37	After	Left Exterior Girder	45.31	0.95	1	1	24.174686
EV3-Neg_str	BOBJ1	237.37	After	Interior Girder 1	45.31	0.95	1	1	24.615731

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelINonCompStrgth-Flx - Approach, Span 12-1									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
EV3-Neg_str	BOBJ1	237.37	After	Interior Girder 2	45.31	0.95	1	1	26.503444
EV3-Neg_str	BOBJ1	237.37	After	Interior Girder 3	45.31	0.95	1	1	27.122904
EV3-Neg_str	BOBJ1	237.37	After	Interior Girder 4	45.31	0.95	1	1	27.122904
EV3-Neg_str	BOBJ1	237.37	After	Interior Girder 5	45.31	0.95	1	1	26.503444
EV3-Neg_str	BOBJ1	237.37	After	Interior Girder 6	45.31	0.95	1	1	24.615731
EV3-Neg_str	BOBJ1	237.37	After	Right Exterior Girder	45.31	0.95	1	1	24.174686
EV3-Neg_str	BOBJ1	243.13	Before	Left Exterior Girder	51.07	0.95	1	1	46.276303
EV3-Neg_str	BOBJ1	243.13	Before	Interior Girder 1	51.07	0.95	1	1	45.394931
EV3-Neg_str	BOBJ1	243.13	Before	Interior Girder 2	51.07	0.95	1	1	51.823127
EV3-Neg_str	BOBJ1	243.13	Before	Interior Girder 3	51.07	0.95	1	1	52.671702
EV3-Neg_str	BOBJ1	243.13	Before	Interior Girder 4	51.07	0.95	1	1	52.671702
EV3-Neg_str	BOBJ1	243.13	Before	Interior Girder 5	51.07	0.95	1	1	51.823127
EV3-Neg_str	BOBJ1	243.13	Before	Interior Girder 6	51.07	0.95	1	1	45.394931
EV3-Neg_str	BOBJ1	243.13	Before	Right Exterior Girder	51.07	0.95	1	1	46.276303
EV3-Neg_str	BOBJ1	243.13	After	Left Exterior Girder	51.07	0.95	1	1	44.48649
EV3-Neg_str	BOBJ1	243.13	After	Interior Girder 1	51.07	0.95	1	1	47.069689
EV3-Neg_str	BOBJ1	243.13	After	Interior Girder 2	51.07	0.95	1	1	49.809445
EV3-Neg_str	BOBJ1	243.13	After	Interior Girder 3	51.07	0.95	1	1	50.606419
EV3-Neg_str	BOBJ1	243.13	After	Interior Girder 4	51.07	0.95	1	1	50.606419
EV3-Neg_str	BOBJ1	243.13	After	Interior Girder 5	51.07	0.95	1	1	49.809445
EV3-Neg_str	BOBJ1	243.13	After	Interior Girder 6	51.07	0.95	1	1	47.069689
EV3-Neg_str	BOBJ1	243.13	After	Right Exterior Girder	51.07	0.95	1	1	44.48649
EV3-Neg_str	BOBJ1	248.89	Before	Left Exterior Girder	56.83	0.95	1	1	757.612087
EV3-Neg_str	BOBJ1	248.89	Before	Interior Girder 1	56.83	0.95	1	1	317.332478
EV3-Neg_str	BOBJ1	248.89	Before	Interior Girder 2	56.83	0.95	1	1	205.968123
EV3-Neg_str	BOBJ1	248.89	Before	Interior Girder 3	56.83	0.95	1	1	160.151944
EV3-Neg_str	BOBJ1	248.89	Before	Interior Girder 4	56.83	0.95	1	1	160.151944
EV3-Neg_str	BOBJ1	248.89	Before	Interior Girder 5	56.83	0.95	1	1	205.968123
EV3-Neg_str	BOBJ1	248.89	Before	Interior Girder 6	56.83	0.95	1	1	317.332477
EV3-Neg_str	BOBJ1	248.89	Before	Right Exterior Girder	56.83	0.95	1	1	757.612087
Gravel Truck_str	BOBJ1	0	After	Left Exterior Girder	0	0.95	1	1	218.403314
Gravel Truck_str	BOBJ1	0	After	Interior Girder 1	0	0.95	1	1	201.722917
Gravel Truck_str	BOBJ1	0	After	Interior Girder 2	0	0.95	1	1	144.462213
Gravel Truck_str	BOBJ1	0	After	Interior Girder 3	0	0.95	1	1	117.194665
Gravel Truck_str	BOBJ1	0	After	Interior Girder 4	0	0.95	1	1	117.194665
Gravel Truck_str	BOBJ1	0	After	Interior Girder 5	0	0.95	1	1	144.462213
Gravel Truck_str	BOBJ1	0	After	Interior Girder 6	0	0.95	1	1	201.722917
Gravel Truck_str	BOBJ1	0	After	Right Exterior Girder	0	0.95	1	1	218.403314
Gravel Truck_str	BOBJ1	5.85	Before	Left Exterior Girder	5.85	0.95	1	1	5.540893
Gravel Truck_str	BOBJ1	5.85	Before	Interior Girder 1	5.85	0.95	1	1	3.895368
Gravel Truck_str	BOBJ1	5.85	Before	Interior Girder 2	5.85	0.95	1	1	3.603027
Gravel Truck_str	BOBJ1	5.85	Before	Interior Girder 3	5.85	0.95	1	1	3.199092
Gravel Truck_str	BOBJ1	5.85	Before	Interior Girder 4	5.85	0.95	1	1	3.199092
Gravel Truck_str	BOBJ1	5.85	Before	Interior Girder 5	5.85	0.95	1	1	3.603027
Gravel Truck_str	BOBJ1	5.85	Before	Interior Girder 6	5.85	0.95	1	1	3.895368
Gravel Truck_str	BOBJ1	5.85	Before	Right Exterior Girder	5.85	0.95	1	1	5.540893
Gravel Truck_str	BOBJ1	5.85	After	Left Exterior Girder	5.85	0.95	1	1	5.556192
Gravel Truck_str	BOBJ1	5.85	After	Interior Girder 1	5.85	0.95	1	1	3.90774
Gravel Truck_str	BOBJ1	5.85	After	Interior Girder 2	5.85	0.95	1	1	3.660159
Gravel Truck_str	BOBJ1	5.85	After	Interior Girder 3	5.85	0.95	1	1	3.355974
Gravel Truck_str	BOBJ1	5.85	After	Interior Girder 4	5.85	0.95	1	1	3.355974
Gravel Truck_str	BOBJ1	5.85	After	Interior Girder 5	5.85	0.95	1	1	3.660159
Gravel Truck_str	BOBJ1	5.85	After	Interior Girder 6	5.85	0.95	1	1	3.90774
Gravel Truck_str	BOBJ1	5.85	After	Right Exterior Girder	5.85	0.95	1	1	5.556192
Gravel Truck_str	BOBJ1	11.4667	Before	Left Exterior Girder	11.4667	0.95	1	1	3.074091
Gravel Truck_str	BOBJ1	11.4667	Before	Interior Girder 1	11.4667	0.95	1	1	2.206934
Gravel Truck_str	BOBJ1	11.4667	Before	Interior Girder 2	11.4667	0.95	1	1	2.068014
Gravel Truck_str	BOBJ1	11.4667	Before	Interior Girder 3	11.4667	0.95	1	1	1.927808
Gravel Truck_str	BOBJ1	11.4667	Before	Interior Girder 4	11.4667	0.95	1	1	1.927808
Gravel Truck_str	BOBJ1	11.4667	Before	Interior Girder 5	11.4667	0.95	1	1	2.068014
Gravel Truck_str	BOBJ1	11.4667	Before	Interior Girder 6	11.4667	0.95	1	1	2.206934
Gravel Truck_str	BOBJ1	11.4667	Before	Right Exterior Girder	11.4667	0.95	1	1	3.074091
Gravel Truck_str	BOBJ1	11.4667	After	Left Exterior Girder	11.4667	0.95	1	1	3.106877
Gravel Truck_str	BOBJ1	11.4667	After	Interior Girder 1	11.4667	0.95	1	1	2.189905
Gravel Truck_str	BOBJ1	11.4667	After	Interior Girder 2	11.4667	0.95	1	1	2.084827

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelINonCompStrgth-Flx - Approach, Span 12-1									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Gravel Truck_str	BOBJ1	11.4667	After	Interior Girder 3	11.4667	0.95	1	1	1.971361
Gravel Truck_str	BOBJ1	11.4667	After	Interior Girder 4	11.4667	0.95	1	1	1.971361
Gravel Truck_str	BOBJ1	11.4667	After	Interior Girder 5	11.4667	0.95	1	1	2.084827
Gravel Truck_str	BOBJ1	11.4667	After	Interior Girder 6	11.4667	0.95	1	1	2.189905
Gravel Truck_str	BOBJ1	11.4667	After	Right Exterior Girder	11.4667	0.95	1	1	3.106877
Gravel Truck_str	BOBJ1	17.0833	Before	Left Exterior Girder	17.0833	0.95	1	1	2.28368
Gravel Truck_str	BOBJ1	17.0833	Before	Interior Girder 1	17.0833	0.95	1	1	1.715686
Gravel Truck_str	BOBJ1	17.0833	Before	Interior Girder 2	17.0833	0.95	1	1	1.632606
Gravel Truck_str	BOBJ1	17.0833	Before	Interior Girder 3	17.0833	0.95	1	1	1.570286
Gravel Truck_str	BOBJ1	17.0833	Before	Interior Girder 4	17.0833	0.95	1	1	1.570286
Gravel Truck_str	BOBJ1	17.0833	Before	Interior Girder 5	17.0833	0.95	1	1	1.632606
Gravel Truck_str	BOBJ1	17.0833	Before	Interior Girder 6	17.0833	0.95	1	1	1.715686
Gravel Truck_str	BOBJ1	17.0833	Before	Right Exterior Girder	17.0833	0.95	1	1	2.28368
Gravel Truck_str	BOBJ1	17.0833	After	Left Exterior Girder	17.0833	0.95	1	1	2.281862
Gravel Truck_str	BOBJ1	17.0833	After	Interior Girder 1	17.0833	0.95	1	1	1.717849
Gravel Truck_str	BOBJ1	17.0833	After	Interior Girder 2	17.0833	0.95	1	1	1.649515
Gravel Truck_str	BOBJ1	17.0833	After	Interior Girder 3	17.0833	0.95	1	1	1.590785
Gravel Truck_str	BOBJ1	17.0833	After	Interior Girder 4	17.0833	0.95	1	1	1.590785
Gravel Truck_str	BOBJ1	17.0833	After	Interior Girder 5	17.0833	0.95	1	1	1.649515
Gravel Truck_str	BOBJ1	17.0833	After	Interior Girder 6	17.0833	0.95	1	1	1.717849
Gravel Truck_str	BOBJ1	17.0833	After	Right Exterior Girder	17.0833	0.95	1	1	2.281862
Gravel Truck_str	BOBJ1	22.7	Before	Left Exterior Girder	22.7	0.95	1	1	2.000006
Gravel Truck_str	BOBJ1	22.7	Before	Interior Girder 1	22.7	0.95	1	1	1.655669
Gravel Truck_str	BOBJ1	22.7	Before	Interior Girder 2	22.7	0.95	1	1	1.582111
Gravel Truck_str	BOBJ1	22.7	Before	Interior Girder 3	22.7	0.95	1	1	1.550042
Gravel Truck_str	BOBJ1	22.7	Before	Interior Girder 4	22.7	0.95	1	1	1.550042
Gravel Truck_str	BOBJ1	22.7	Before	Interior Girder 5	22.7	0.95	1	1	1.582111
Gravel Truck_str	BOBJ1	22.7	Before	Interior Girder 6	22.7	0.95	1	1	1.655669
Gravel Truck_str	BOBJ1	22.7	Before	Right Exterior Girder	22.7	0.95	1	1	2.000006
Gravel Truck_str	BOBJ1	22.7	After	Left Exterior Girder	22.7	0.95	1	1	2.008304
Gravel Truck_str	BOBJ1	22.7	After	Interior Girder 1	22.7	0.95	1	1	1.651533
Gravel Truck_str	BOBJ1	22.7	After	Interior Girder 2	22.7	0.95	1	1	1.583167
Gravel Truck_str	BOBJ1	22.7	After	Interior Girder 3	22.7	0.95	1	1	1.551903
Gravel Truck_str	BOBJ1	22.7	After	Interior Girder 4	22.7	0.95	1	1	1.551903
Gravel Truck_str	BOBJ1	22.7	After	Interior Girder 5	22.7	0.95	1	1	1.583167
Gravel Truck_str	BOBJ1	22.7	After	Interior Girder 6	22.7	0.95	1	1	1.651533
Gravel Truck_str	BOBJ1	22.7	After	Right Exterior Girder	22.7	0.95	1	1	2.008304
Gravel Truck_str	BOBJ1	28.3167	Before	Left Exterior Girder	28.3167	0.95	1	1	2.206291
Gravel Truck_str	BOBJ1	28.3167	Before	Interior Girder 1	28.3167	0.95	1	1	1.690439
Gravel Truck_str	BOBJ1	28.3167	Before	Interior Girder 2	28.3167	0.95	1	1	1.620411
Gravel Truck_str	BOBJ1	28.3167	Before	Interior Girder 3	28.3167	0.95	1	1	1.580656
Gravel Truck_str	BOBJ1	28.3167	Before	Interior Girder 4	28.3167	0.95	1	1	1.580656
Gravel Truck_str	BOBJ1	28.3167	Before	Interior Girder 5	28.3167	0.95	1	1	1.620411
Gravel Truck_str	BOBJ1	28.3167	Before	Interior Girder 6	28.3167	0.95	1	1	1.690439
Gravel Truck_str	BOBJ1	28.3167	Before	Right Exterior Girder	28.3167	0.95	1	1	2.206291
Gravel Truck_str	BOBJ1	28.3167	After	Left Exterior Girder	28.3167	0.95	1	1	2.214788
Gravel Truck_str	BOBJ1	28.3167	After	Interior Girder 1	28.3167	0.95	1	1	1.683649
Gravel Truck_str	BOBJ1	28.3167	After	Interior Girder 2	28.3167	0.95	1	1	1.610778
Gravel Truck_str	BOBJ1	28.3167	After	Interior Girder 3	28.3167	0.95	1	1	1.567243
Gravel Truck_str	BOBJ1	28.3167	After	Interior Girder 4	28.3167	0.95	1	1	1.567243
Gravel Truck_str	BOBJ1	28.3167	After	Interior Girder 5	28.3167	0.95	1	1	1.610778
Gravel Truck_str	BOBJ1	28.3167	After	Interior Girder 6	28.3167	0.95	1	1	1.683649
Gravel Truck_str	BOBJ1	28.3167	After	Right Exterior Girder	28.3167	0.95	1	1	2.214788
Gravel Truck_str	BOBJ1	33.9333	Before	Left Exterior Girder	33.9333	0.95	1	1	2.702788
Gravel Truck_str	BOBJ1	33.9333	Before	Interior Girder 1	33.9333	0.95	1	1	1.971066
Gravel Truck_str	BOBJ1	33.9333	Before	Interior Girder 2	33.9333	0.95	1	1	1.876508
Gravel Truck_str	BOBJ1	33.9333	Before	Interior Girder 3	33.9333	0.95	1	1	1.841234
Gravel Truck_str	BOBJ1	33.9333	Before	Interior Girder 4	33.9333	0.95	1	1	1.841234
Gravel Truck_str	BOBJ1	33.9333	Before	Interior Girder 5	33.9333	0.95	1	1	1.876508
Gravel Truck_str	BOBJ1	33.9333	Before	Interior Girder 6	33.9333	0.95	1	1	1.971066
Gravel Truck_str	BOBJ1	33.9333	Before	Right Exterior Girder	33.9333	0.95	1	1	2.702788
Gravel Truck_str	BOBJ1	33.9333	After	Left Exterior Girder	33.9333	0.95	1	1	2.669163
Gravel Truck_str	BOBJ1	33.9333	After	Interior Girder 1	33.9333	0.95	1	1	1.98746
Gravel Truck_str	BOBJ1	33.9333	After	Interior Girder 2	33.9333	0.95	1	1	1.878013
Gravel Truck_str	BOBJ1	33.9333	After	Interior Girder 3	33.9333	0.95	1	1	1.827918

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelINonCompStrgth-Flx - Approach, Span 12-1									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Gravel Truck_str	BOBJ1	33.9333	After	Interior Girder 4	33.9333	0.95	1	1	1.827918
Gravel Truck_str	BOBJ1	33.9333	After	Interior Girder 5	33.9333	0.95	1	1	1.878013
Gravel Truck_str	BOBJ1	33.9333	After	Interior Girder 6	33.9333	0.95	1	1	1.98746
Gravel Truck_str	BOBJ1	33.9333	After	Right Exterior Girder	33.9333	0.95	1	1	2.669163
Gravel Truck_str	BOBJ1	39.55	Before	Left Exterior Girder	39.55	0.95	1	1	3.759248
Gravel Truck_str	BOBJ1	39.55	Before	Interior Girder 1	39.55	0.95	1	1	2.818496
Gravel Truck_str	BOBJ1	39.55	Before	Interior Girder 2	39.55	0.95	1	1	2.617306
Gravel Truck_str	BOBJ1	39.55	Before	Interior Girder 3	39.55	0.95	1	1	2.572124
Gravel Truck_str	BOBJ1	39.55	Before	Interior Girder 4	39.55	0.95	1	1	2.572124
Gravel Truck_str	BOBJ1	39.55	Before	Interior Girder 5	39.55	0.95	1	1	2.617306
Gravel Truck_str	BOBJ1	39.55	Before	Interior Girder 6	39.55	0.95	1	1	2.818496
Gravel Truck_str	BOBJ1	39.55	Before	Right Exterior Girder	39.55	0.95	1	1	3.759248
Gravel Truck_str	BOBJ1	39.55	After	Left Exterior Girder	39.55	0.95	1	1	3.744072
Gravel Truck_str	BOBJ1	39.55	After	Interior Girder 1	39.55	0.95	1	1	2.825859
Gravel Truck_str	BOBJ1	39.55	After	Interior Girder 2	39.55	0.95	1	1	2.600673
Gravel Truck_str	BOBJ1	39.55	After	Interior Girder 3	39.55	0.95	1	1	2.530974
Gravel Truck_str	BOBJ1	39.55	After	Interior Girder 4	39.55	0.95	1	1	2.530974
Gravel Truck_str	BOBJ1	39.55	After	Interior Girder 5	39.55	0.95	1	1	2.600673
Gravel Truck_str	BOBJ1	39.55	After	Interior Girder 6	39.55	0.95	1	1	2.825859
Gravel Truck_str	BOBJ1	39.55	After	Right Exterior Girder	39.55	0.95	1	1	3.744072
Gravel Truck_str	BOBJ1	45.1733	Before	Left Exterior Girder	45.1226	0.95	1	1	3.777017
Gravel Truck_str	BOBJ1	45.1733	Before	Interior Girder 1	45.1226	0.95	1	1	3.908863
Gravel Truck_str	BOBJ1	45.1733	Before	Interior Girder 2	45.1226	0.95	1	1	3.755647
Gravel Truck_str	BOBJ1	45.1733	Before	Interior Girder 3	45.1226	0.95	1	1	3.814052
Gravel Truck_str	BOBJ1	45.1733	Before	Interior Girder 4	45.1226	0.95	1	1	3.814052
Gravel Truck_str	BOBJ1	45.1733	Before	Interior Girder 5	45.1226	0.95	1	1	3.755647
Gravel Truck_str	BOBJ1	45.1733	Before	Interior Girder 6	45.1226	0.95	1	1	3.908863
Gravel Truck_str	BOBJ1	45.1733	Before	Right Exterior Girder	45.1226	0.95	1	1	3.777017
Gravel Truck_str	BOBJ1	45.1733	After	Left Exterior Girder	45.1226	0.95	1	1	3.020709
Gravel Truck_str	BOBJ1	45.1733	After	Interior Girder 1	45.1226	0.95	1	1	3.119532
Gravel Truck_str	BOBJ1	45.1733	After	Interior Girder 2	45.1226	0.95	1	1	2.982967
Gravel Truck_str	BOBJ1	45.1733	After	Interior Girder 3	45.1226	0.95	1	1	3.046864
Gravel Truck_str	BOBJ1	45.1733	After	Interior Girder 4	45.1226	0.95	1	1	3.046864
Gravel Truck_str	BOBJ1	45.1733	After	Interior Girder 5	45.1226	0.95	1	1	2.982967
Gravel Truck_str	BOBJ1	45.1733	After	Interior Girder 6	45.1226	0.95	1	1	3.119532
Gravel Truck_str	BOBJ1	45.1733	After	Right Exterior Girder	45.1226	0.95	1	1	3.020709
Gravel Truck_str	BOBJ1	49.2561	Before	Left Exterior Girder	49.2561	0.95	1	1	2.135019
Gravel Truck_str	BOBJ1	49.2561	Before	Right Exterior Girder	49.2561	0.95	1	1	2.135019
Gravel Truck_str	BOBJ1	49.2561	After	Left Exterior Girder	49.2561	0.95	1	1	2.169581
Gravel Truck_str	BOBJ1	49.2561	After	Right Exterior Girder	49.2561	0.95	1	1	2.169581
Gravel Truck_str	BOBJ1	50.7967	Before	Left Exterior Girder	50.7967	0.95	1	1	4.544338
Gravel Truck_str	BOBJ1	50.7967	Before	Interior Girder 1	50.7967	0.95	1	1	2.198298
Gravel Truck_str	BOBJ1	50.7967	Before	Interior Girder 2	50.7967	0.95	1	1	2.105016
Gravel Truck_str	BOBJ1	50.7967	Before	Interior Girder 3	50.7967	0.95	1	1	2.002807
Gravel Truck_str	BOBJ1	50.7967	Before	Interior Girder 4	50.7967	0.95	1	1	2.002807
Gravel Truck_str	BOBJ1	50.7967	Before	Interior Girder 5	50.7967	0.95	1	1	2.105016
Gravel Truck_str	BOBJ1	50.7967	Before	Interior Girder 6	50.7967	0.95	1	1	2.198298
Gravel Truck_str	BOBJ1	50.7967	Before	Right Exterior Girder	50.7967	0.95	1	1	4.544338
Gravel Truck_str	BOBJ1	50.7967	After	Left Exterior Girder	50.7967	0.95	1	1	4.515604
Gravel Truck_str	BOBJ1	50.7967	After	Interior Girder 1	50.7967	0.95	1	1	2.193237
Gravel Truck_str	BOBJ1	50.7967	After	Interior Girder 2	50.7967	0.95	1	1	2.089702
Gravel Truck_str	BOBJ1	50.7967	After	Interior Girder 3	50.7967	0.95	1	1	1.99702
Gravel Truck_str	BOBJ1	50.7967	After	Interior Girder 4	50.7967	0.95	1	1	1.99702
Gravel Truck_str	BOBJ1	50.7967	After	Interior Girder 5	50.7967	0.95	1	1	2.089702
Gravel Truck_str	BOBJ1	50.7967	After	Interior Girder 6	50.7967	0.95	1	1	2.193237
Gravel Truck_str	BOBJ1	50.7967	After	Right Exterior Girder	50.7967	0.95	1	1	4.515604
Gravel Truck_str	BOBJ1	51.3989	Before	Interior Girder 1	51.3989	0.95	1	1	2.08678
Gravel Truck_str	BOBJ1	51.3989	Before	Interior Girder 2	51.3989	0.95	1	1	2.004333
Gravel Truck_str	BOBJ1	51.3989	Before	Interior Girder 3	51.3989	0.95	1	1	1.896026
Gravel Truck_str	BOBJ1	51.3989	Before	Interior Girder 4	51.3989	0.95	1	1	1.896026
Gravel Truck_str	BOBJ1	51.3989	Before	Interior Girder 5	51.3989	0.95	1	1	2.004333
Gravel Truck_str	BOBJ1	51.3989	Before	Interior Girder 6	51.3989	0.95	1	1	2.08678
Gravel Truck_str	BOBJ1	51.3989	After	Interior Girder 1	51.3989	0.95	1	1	3.191892
Gravel Truck_str	BOBJ1	51.3989	After	Interior Girder 2	51.3989	0.95	1	1	3.027867
Gravel Truck_str	BOBJ1	51.3989	After	Interior Girder 3	51.3989	0.95	1	1	2.904897

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelINonCompStrgth-Flx - Approach, Span 12-1									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Gravel Truck_str	BOBJ1	51.3989	After	Interior Girder 4	51.3989	0.95	1	1	2.904897
Gravel Truck_str	BOBJ1	51.3989	After	Interior Girder 5	51.3989	0.95	1	1	3.027867
Gravel Truck_str	BOBJ1	51.3989	After	Interior Girder 6	51.3989	0.95	1	1	3.191892
Gravel Truck_str	BOBJ1	56.42	Before	Left Exterior Girder	56.42	0.95	1	1	3.145063
Gravel Truck_str	BOBJ1	56.42	Before	Interior Girder 1	56.42	0.95	1	1	2.275385
Gravel Truck_str	BOBJ1	56.42	Before	Interior Girder 2	56.42	0.95	1	1	2.11334
Gravel Truck_str	BOBJ1	56.42	Before	Interior Girder 3	56.42	0.95	1	1	1.77836
Gravel Truck_str	BOBJ1	56.42	Before	Interior Girder 4	56.42	0.95	1	1	1.77836
Gravel Truck_str	BOBJ1	56.42	Before	Interior Girder 5	56.42	0.95	1	1	2.11334
Gravel Truck_str	BOBJ1	56.42	Before	Interior Girder 6	56.42	0.95	1	1	2.275385
Gravel Truck_str	BOBJ1	56.42	Before	Right Exterior Girder	56.42	0.95	1	1	3.145063
Gravel Truck_str	BOBJ1	56.42	After	Left Exterior Girder	0	0.95	1	1	3.230538
Gravel Truck_str	BOBJ1	56.42	After	Interior Girder 1	0	0.95	1	1	2.076588
Gravel Truck_str	BOBJ1	56.42	After	Interior Girder 2	0	0.95	1	1	1.982148
Gravel Truck_str	BOBJ1	56.42	After	Interior Girder 3	0	0.95	1	1	1.674371
Gravel Truck_str	BOBJ1	56.42	After	Interior Girder 4	0	0.95	1	1	1.674371
Gravel Truck_str	BOBJ1	56.42	After	Interior Girder 5	0	0.95	1	1	1.982148
Gravel Truck_str	BOBJ1	56.42	After	Interior Girder 6	0	0.95	1	1	2.076588
Gravel Truck_str	BOBJ1	56.42	After	Right Exterior Girder	0	0.95	1	1	3.230538
Gravel Truck_str	BOBJ1	62.0367	Before	Left Exterior Girder	5.6167	0.95	1	1	5.755667
Gravel Truck_str	BOBJ1	62.0367	Before	Interior Girder 1	5.6167	0.95	1	1	4.009888
Gravel Truck_str	BOBJ1	62.0367	Before	Interior Girder 2	5.6167	0.95	1	1	3.728894
Gravel Truck_str	BOBJ1	62.0367	Before	Interior Girder 3	5.6167	0.95	1	1	3.495602
Gravel Truck_str	BOBJ1	62.0367	Before	Interior Girder 4	5.6167	0.95	1	1	3.495602
Gravel Truck_str	BOBJ1	62.0367	Before	Interior Girder 5	5.6167	0.95	1	1	3.728894
Gravel Truck_str	BOBJ1	62.0367	Before	Interior Girder 6	5.6167	0.95	1	1	4.009888
Gravel Truck_str	BOBJ1	62.0367	Before	Right Exterior Girder	5.6167	0.95	1	1	5.755667
Gravel Truck_str	BOBJ1	62.0367	After	Left Exterior Girder	5.6167	0.95	1	1	5.692749
Gravel Truck_str	BOBJ1	62.0367	After	Interior Girder 1	5.6167	0.95	1	1	4.079218
Gravel Truck_str	BOBJ1	62.0367	After	Interior Girder 2	5.6167	0.95	1	1	3.792583
Gravel Truck_str	BOBJ1	62.0367	After	Interior Girder 3	5.6167	0.95	1	1	3.558249
Gravel Truck_str	BOBJ1	62.0367	After	Interior Girder 4	5.6167	0.95	1	1	3.558249
Gravel Truck_str	BOBJ1	62.0367	After	Interior Girder 5	5.6167	0.95	1	1	3.792583
Gravel Truck_str	BOBJ1	62.0367	After	Interior Girder 6	5.6167	0.95	1	1	4.079218
Gravel Truck_str	BOBJ1	62.0367	After	Right Exterior Girder	5.6167	0.95	1	1	5.692749
Gravel Truck_str	BOBJ1	62.4203	Before	Interior Girder 1	6.0003	0.95	1	1	4.171411
Gravel Truck_str	BOBJ1	62.4203	Before	Interior Girder 2	6.0003	0.95	1	1	3.869777
Gravel Truck_str	BOBJ1	62.4203	Before	Interior Girder 3	6.0003	0.95	1	1	3.651485
Gravel Truck_str	BOBJ1	62.4203	Before	Interior Girder 4	6.0003	0.95	1	1	3.651485
Gravel Truck_str	BOBJ1	62.4203	Before	Interior Girder 5	6.0003	0.95	1	1	3.869777
Gravel Truck_str	BOBJ1	62.4203	Before	Interior Girder 6	6.0003	0.95	1	1	4.171411
Gravel Truck_str	BOBJ1	62.4203	After	Interior Girder 1	6.0003	0.95	1	1	2.735139
Gravel Truck_str	BOBJ1	62.4203	After	Interior Girder 2	6.0003	0.95	1	1	2.579786
Gravel Truck_str	BOBJ1	62.4203	After	Interior Girder 3	6.0003	0.95	1	1	2.396139
Gravel Truck_str	BOBJ1	62.4203	After	Interior Girder 4	6.0003	0.95	1	1	2.396139
Gravel Truck_str	BOBJ1	62.4203	After	Interior Girder 5	6.0003	0.95	1	1	2.579786
Gravel Truck_str	BOBJ1	62.4203	After	Interior Girder 6	6.0003	0.95	1	1	2.735139
Gravel Truck_str	BOBJ1	64.9204	Before	Left Exterior Girder	8.5004	0.95	1	1	6.608844
Gravel Truck_str	BOBJ1	64.9204	Before	Right Exterior Girder	8.5004	0.95	1	1	6.608844
Gravel Truck_str	BOBJ1	64.9204	After	Left Exterior Girder	8.5004	0.95	1	1	2.985481
Gravel Truck_str	BOBJ1	64.9204	After	Right Exterior Girder	8.5004	0.95	1	1	2.985481
Gravel Truck_str	BOBJ1	67.6533	Before	Left Exterior Girder	11.2333	0.95	1	1	3.720126
Gravel Truck_str	BOBJ1	67.6533	Before	Interior Girder 1	11.2333	0.95	1	1	3.778403
Gravel Truck_str	BOBJ1	67.6533	Before	Interior Girder 2	11.2333	0.95	1	1	3.561918
Gravel Truck_str	BOBJ1	67.6533	Before	Interior Girder 3	11.2333	0.95	1	1	3.561464
Gravel Truck_str	BOBJ1	67.6533	Before	Interior Girder 4	11.2333	0.95	1	1	3.561464
Gravel Truck_str	BOBJ1	67.6533	Before	Interior Girder 5	11.2333	0.95	1	1	3.561918
Gravel Truck_str	BOBJ1	67.6533	Before	Interior Girder 6	11.2333	0.95	1	1	3.778403
Gravel Truck_str	BOBJ1	67.6533	Before	Right Exterior Girder	11.2333	0.95	1	1	3.720126
Gravel Truck_str	BOBJ1	67.6533	After	Left Exterior Girder	11.2333	0.95	1	1	3.68158
Gravel Truck_str	BOBJ1	67.6533	After	Interior Girder 1	11.2333	0.95	1	1	3.812979
Gravel Truck_str	BOBJ1	67.6533	After	Interior Girder 2	11.2333	0.95	1	1	3.61371
Gravel Truck_str	BOBJ1	67.6533	After	Interior Girder 3	11.2333	0.95	1	1	3.597835
Gravel Truck_str	BOBJ1	67.6533	After	Interior Girder 4	11.2333	0.95	1	1	3.597835
Gravel Truck_str	BOBJ1	67.6533	After	Interior Girder 5	11.2333	0.95	1	1	3.61371

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelINonCompStrgth-Flx - Approach, Span 12-1									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Gravel Truck_str	BOBJ1	67.6533	After	Interior Girder 6	11.2333	0.95	1	1	3.812979
Gravel Truck_str	BOBJ1	67.6533	After	Right Exterior Girder	11.2333	0.95	1	1	3.68158
Gravel Truck_str	BOBJ1	73.27	Before	Left Exterior Girder	16.85	0.95	1	1	3.63537
Gravel Truck_str	BOBJ1	73.27	Before	Interior Girder 1	16.85	0.95	1	1	2.736626
Gravel Truck_str	BOBJ1	73.27	Before	Interior Girder 2	16.85	0.95	1	1	2.487024
Gravel Truck_str	BOBJ1	73.27	Before	Interior Girder 3	16.85	0.95	1	1	2.404412
Gravel Truck_str	BOBJ1	73.27	Before	Interior Girder 4	16.85	0.95	1	1	2.404412
Gravel Truck_str	BOBJ1	73.27	Before	Interior Girder 5	16.85	0.95	1	1	2.487024
Gravel Truck_str	BOBJ1	73.27	Before	Interior Girder 6	16.85	0.95	1	1	2.736626
Gravel Truck_str	BOBJ1	73.27	Before	Right Exterior Girder	16.85	0.95	1	1	3.63537
Gravel Truck_str	BOBJ1	73.27	After	Left Exterior Girder	16.85	0.95	1	1	3.692977
Gravel Truck_str	BOBJ1	73.27	After	Interior Girder 1	16.85	0.95	1	1	2.708244
Gravel Truck_str	BOBJ1	73.27	After	Interior Girder 2	16.85	0.95	1	1	2.489813
Gravel Truck_str	BOBJ1	73.27	After	Interior Girder 3	16.85	0.95	1	1	2.436924
Gravel Truck_str	BOBJ1	73.27	After	Interior Girder 4	16.85	0.95	1	1	2.436924
Gravel Truck_str	BOBJ1	73.27	After	Interior Girder 5	16.85	0.95	1	1	2.489813
Gravel Truck_str	BOBJ1	73.27	After	Interior Girder 6	16.85	0.95	1	1	2.708244
Gravel Truck_str	BOBJ1	73.27	After	Right Exterior Girder	16.85	0.95	1	1	3.692977
Gravel Truck_str	BOBJ1	78.8867	Before	Left Exterior Girder	22.4667	0.95	1	1	2.480387
Gravel Truck_str	BOBJ1	78.8867	Before	Interior Girder 1	22.4667	0.95	1	1	1.862496
Gravel Truck_str	BOBJ1	78.8867	Before	Interior Girder 2	22.4667	0.95	1	1	1.752456
Gravel Truck_str	BOBJ1	78.8867	Before	Interior Girder 3	22.4667	0.95	1	1	1.695518
Gravel Truck_str	BOBJ1	78.8867	Before	Interior Girder 4	22.4667	0.95	1	1	1.695518
Gravel Truck_str	BOBJ1	78.8867	Before	Interior Girder 5	22.4667	0.95	1	1	1.752456
Gravel Truck_str	BOBJ1	78.8867	Before	Interior Girder 6	22.4667	0.95	1	1	1.862496
Gravel Truck_str	BOBJ1	78.8867	Before	Right Exterior Girder	22.4667	0.95	1	1	2.480387
Gravel Truck_str	BOBJ1	78.8867	After	Left Exterior Girder	22.4667	0.95	1	1	2.520686
Gravel Truck_str	BOBJ1	78.8867	After	Interior Girder 1	22.4667	0.95	1	1	1.843181
Gravel Truck_str	BOBJ1	78.8867	After	Interior Girder 2	22.4667	0.95	1	1	1.747202
Gravel Truck_str	BOBJ1	78.8867	After	Interior Girder 3	22.4667	0.95	1	1	1.70727
Gravel Truck_str	BOBJ1	78.8867	After	Interior Girder 4	22.4667	0.95	1	1	1.70727
Gravel Truck_str	BOBJ1	78.8867	After	Interior Girder 5	22.4667	0.95	1	1	1.747202
Gravel Truck_str	BOBJ1	78.8867	After	Interior Girder 6	22.4667	0.95	1	1	1.843181
Gravel Truck_str	BOBJ1	78.8867	After	Right Exterior Girder	22.4667	0.95	1	1	2.520686
Gravel Truck_str	BOBJ1	84.5033	Before	Left Exterior Girder	28.0833	0.95	1	1	1.965179
Gravel Truck_str	BOBJ1	84.5033	Before	Interior Girder 1	28.0833	0.95	1	1	1.547067
Gravel Truck_str	BOBJ1	84.5033	Before	Interior Girder 2	28.0833	0.95	1	1	1.476673
Gravel Truck_str	BOBJ1	84.5033	Before	Interior Girder 3	28.0833	0.95	1	1	1.439195
Gravel Truck_str	BOBJ1	84.5033	Before	Interior Girder 4	28.0833	0.95	1	1	1.439195
Gravel Truck_str	BOBJ1	84.5033	Before	Interior Girder 5	28.0833	0.95	1	1	1.476673
Gravel Truck_str	BOBJ1	84.5033	Before	Interior Girder 6	28.0833	0.95	1	1	1.547067
Gravel Truck_str	BOBJ1	84.5033	Before	Right Exterior Girder	28.0833	0.95	1	1	1.965179
Gravel Truck_str	BOBJ1	84.5033	After	Left Exterior Girder	28.0833	0.95	1	1	1.96502
Gravel Truck_str	BOBJ1	84.5033	After	Interior Girder 1	28.0833	0.95	1	1	1.55043
Gravel Truck_str	BOBJ1	84.5033	After	Interior Girder 2	28.0833	0.95	1	1	1.484763
Gravel Truck_str	BOBJ1	84.5033	After	Interior Girder 3	28.0833	0.95	1	1	1.450736
Gravel Truck_str	BOBJ1	84.5033	After	Interior Girder 4	28.0833	0.95	1	1	1.450736
Gravel Truck_str	BOBJ1	84.5033	After	Interior Girder 5	28.0833	0.95	1	1	1.484763
Gravel Truck_str	BOBJ1	84.5033	After	Interior Girder 6	28.0833	0.95	1	1	1.55043
Gravel Truck_str	BOBJ1	84.5033	After	Right Exterior Girder	28.0833	0.95	1	1	1.96502
Gravel Truck_str	BOBJ1	90.12	Before	Left Exterior Girder	33.7	0.95	1	1	1.75786
Gravel Truck_str	BOBJ1	90.12	Before	Interior Girder 1	33.7	0.95	1	1	1.527857
Gravel Truck_str	BOBJ1	90.12	Before	Interior Girder 2	33.7	0.95	1	1	1.461539
Gravel Truck_str	BOBJ1	90.12	Before	Interior Girder 3	33.7	0.95	1	1	1.43526
Gravel Truck_str	BOBJ1	90.12	Before	Interior Girder 4	33.7	0.95	1	1	1.43526
Gravel Truck_str	BOBJ1	90.12	Before	Interior Girder 5	33.7	0.95	1	1	1.461539
Gravel Truck_str	BOBJ1	90.12	Before	Interior Girder 6	33.7	0.95	1	1	1.527857
Gravel Truck_str	BOBJ1	90.12	Before	Right Exterior Girder	33.7	0.95	1	1	1.75786
Gravel Truck_str	BOBJ1	90.12	After	Left Exterior Girder	33.7	0.95	1	1	1.763477
Gravel Truck_str	BOBJ1	90.12	After	Interior Girder 1	33.7	0.95	1	1	1.524245
Gravel Truck_str	BOBJ1	90.12	After	Interior Girder 2	33.7	0.95	1	1	1.458806
Gravel Truck_str	BOBJ1	90.12	After	Interior Girder 3	33.7	0.95	1	1	1.432435
Gravel Truck_str	BOBJ1	90.12	After	Interior Girder 4	33.7	0.95	1	1	1.432435
Gravel Truck_str	BOBJ1	90.12	After	Interior Girder 5	33.7	0.95	1	1	1.458806
Gravel Truck_str	BOBJ1	90.12	After	Interior Girder 6	33.7	0.95	1	1	1.524245

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelINonCompStrgth-Flx - Approach, Span 12-1									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Gravel Truck_str	BOBJ1	90.12	After	Right Exterior Girder	33.7	0.95	1	1	1.763477
Gravel Truck_str	BOBJ1	95.7367	Before	Left Exterior Girder	39.3167	0.95	1	1	1.948717
Gravel Truck_str	BOBJ1	95.7367	Before	Interior Girder 1	39.3167	0.95	1	1	1.54068
Gravel Truck_str	BOBJ1	95.7367	Before	Interior Girder 2	39.3167	0.95	1	1	1.475929
Gravel Truck_str	BOBJ1	95.7367	Before	Interior Girder 3	39.3167	0.95	1	1	1.443376
Gravel Truck_str	BOBJ1	95.7367	Before	Interior Girder 4	39.3167	0.95	1	1	1.443376
Gravel Truck_str	BOBJ1	95.7367	Before	Interior Girder 5	39.3167	0.95	1	1	1.475929
Gravel Truck_str	BOBJ1	95.7367	Before	Interior Girder 6	39.3167	0.95	1	1	1.54068
Gravel Truck_str	BOBJ1	95.7367	Before	Right Exterior Girder	39.3167	0.95	1	1	1.948717
Gravel Truck_str	BOBJ1	95.7367	After	Left Exterior Girder	39.3167	0.95	1	1	1.950111
Gravel Truck_str	BOBJ1	95.7367	After	Interior Girder 1	39.3167	0.95	1	1	1.536724
Gravel Truck_str	BOBJ1	95.7367	After	Interior Girder 2	39.3167	0.95	1	1	1.46802
Gravel Truck_str	BOBJ1	95.7367	After	Interior Girder 3	39.3167	0.95	1	1	1.432384
Gravel Truck_str	BOBJ1	95.7367	After	Interior Girder 4	39.3167	0.95	1	1	1.432384
Gravel Truck_str	BOBJ1	95.7367	After	Interior Girder 5	39.3167	0.95	1	1	1.46802
Gravel Truck_str	BOBJ1	95.7367	After	Interior Girder 6	39.3167	0.95	1	1	1.536724
Gravel Truck_str	BOBJ1	95.7367	After	Right Exterior Girder	39.3167	0.95	1	1	1.950111
Gravel Truck_str	BOBJ1	101.3533	Before	Left Exterior Girder	44.9333	0.95	1	1	2.462898
Gravel Truck_str	BOBJ1	101.3533	Before	Interior Girder 1	44.9333	0.95	1	1	1.822287
Gravel Truck_str	BOBJ1	101.3533	Before	Interior Girder 2	44.9333	0.95	1	1	1.727701
Gravel Truck_str	BOBJ1	101.3533	Before	Interior Girder 3	44.9333	0.95	1	1	1.693195
Gravel Truck_str	BOBJ1	101.3533	Before	Interior Girder 4	44.9333	0.95	1	1	1.693195
Gravel Truck_str	BOBJ1	101.3533	Before	Interior Girder 5	44.9333	0.95	1	1	1.727701
Gravel Truck_str	BOBJ1	101.3533	Before	Interior Girder 6	44.9333	0.95	1	1	1.822287
Gravel Truck_str	BOBJ1	101.3533	Before	Right Exterior Girder	44.9333	0.95	1	1	2.462898
Gravel Truck_str	BOBJ1	101.3533	After	Left Exterior Girder	44.9333	0.95	1	1	2.424485
Gravel Truck_str	BOBJ1	101.3533	After	Interior Girder 1	44.9333	0.95	1	1	1.84062
Gravel Truck_str	BOBJ1	101.3533	After	Interior Girder 2	44.9333	0.95	1	1	1.73357
Gravel Truck_str	BOBJ1	101.3533	After	Interior Girder 3	44.9333	0.95	1	1	1.682319
Gravel Truck_str	BOBJ1	101.3533	After	Interior Girder 4	44.9333	0.95	1	1	1.682319
Gravel Truck_str	BOBJ1	101.3533	After	Interior Girder 5	44.9333	0.95	1	1	1.73357
Gravel Truck_str	BOBJ1	101.3533	After	Interior Girder 6	44.9333	0.95	1	1	1.84062
Gravel Truck_str	BOBJ1	101.3533	After	Right Exterior Girder	44.9333	0.95	1	1	2.424485
Gravel Truck_str	BOBJ1	106.97	Before	Left Exterior Girder	50.55	0.95	1	1	3.53388
Gravel Truck_str	BOBJ1	106.97	Before	Interior Girder 1	50.55	0.95	1	1	2.656164
Gravel Truck_str	BOBJ1	106.97	Before	Interior Girder 2	50.55	0.95	1	1	2.442123
Gravel Truck_str	BOBJ1	106.97	Before	Interior Girder 3	50.55	0.95	1	1	2.401614
Gravel Truck_str	BOBJ1	106.97	Before	Interior Girder 4	50.55	0.95	1	1	2.401614
Gravel Truck_str	BOBJ1	106.97	Before	Interior Girder 5	50.55	0.95	1	1	2.442123
Gravel Truck_str	BOBJ1	106.97	Before	Interior Girder 6	50.55	0.95	1	1	2.656164
Gravel Truck_str	BOBJ1	106.97	Before	Right Exterior Girder	50.55	0.95	1	1	3.53388
Gravel Truck_str	BOBJ1	106.97	After	Left Exterior Girder	50.55	0.95	1	1	3.508126
Gravel Truck_str	BOBJ1	106.97	After	Interior Girder 1	50.55	0.95	1	1	2.664693
Gravel Truck_str	BOBJ1	106.97	After	Interior Girder 2	50.55	0.95	1	1	2.430443
Gravel Truck_str	BOBJ1	106.97	After	Interior Girder 3	50.55	0.95	1	1	2.360985
Gravel Truck_str	BOBJ1	106.97	After	Interior Girder 4	50.55	0.95	1	1	2.360985
Gravel Truck_str	BOBJ1	106.97	After	Interior Girder 5	50.55	0.95	1	1	2.430443
Gravel Truck_str	BOBJ1	106.97	After	Interior Girder 6	50.55	0.95	1	1	2.664693
Gravel Truck_str	BOBJ1	106.97	After	Right Exterior Girder	50.55	0.95	1	1	3.508126
Gravel Truck_str	BOBJ1	112.5933	Before	Left Exterior Girder	56.1733	0.95	1	1	3.077352
Gravel Truck_str	BOBJ1	112.5933	Before	Interior Girder 1	56.1733	0.95	1	1	3.244699
Gravel Truck_str	BOBJ1	112.5933	Before	Interior Girder 2	56.1733	0.95	1	1	3.094285
Gravel Truck_str	BOBJ1	112.5933	Before	Interior Girder 3	56.1733	0.95	1	1	3.11992
Gravel Truck_str	BOBJ1	112.5933	Before	Interior Girder 4	56.1733	0.95	1	1	3.11992
Gravel Truck_str	BOBJ1	112.5933	Before	Interior Girder 5	56.1733	0.95	1	1	3.094285
Gravel Truck_str	BOBJ1	112.5933	Before	Interior Girder 6	56.1733	0.95	1	1	3.244699
Gravel Truck_str	BOBJ1	112.5933	Before	Right Exterior Girder	56.1733	0.95	1	1	3.077352
Gravel Truck_str	BOBJ1	112.5933	After	Left Exterior Girder	56.1733	0.95	1	1	3.105682
Gravel Truck_str	BOBJ1	112.5933	After	Interior Girder 1	56.1733	0.95	1	1	3.221588
Gravel Truck_str	BOBJ1	112.5933	After	Interior Girder 2	56.1733	0.95	1	1	3.061431
Gravel Truck_str	BOBJ1	112.5933	After	Interior Girder 3	56.1733	0.95	1	1	3.097476
Gravel Truck_str	BOBJ1	112.5933	After	Interior Girder 4	56.1733	0.95	1	1	3.097476
Gravel Truck_str	BOBJ1	112.5933	After	Interior Girder 5	56.1733	0.95	1	1	3.061431
Gravel Truck_str	BOBJ1	112.5933	After	Interior Girder 6	56.1733	0.95	1	1	3.221588
Gravel Truck_str	BOBJ1	112.5933	After	Right Exterior Girder	56.1733	0.95	1	1	3.105682

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelINonCompStrgth-Flx - Approach, Span 12-1									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Gravel Truck_str	BOBJ1	115.3396	Before	Left Exterior Girder	58.9196	0.95	1	1	2.479361
Gravel Truck_str	BOBJ1	115.3396	Before	Right Exterior Girder	58.9196	0.95	1	1	2.479361
Gravel Truck_str	BOBJ1	115.3396	After	Left Exterior Girder	58.9196	0.95	1	1	5.530122
Gravel Truck_str	BOBJ1	115.3396	After	Right Exterior Girder	58.9196	0.95	1	1	5.530122
Gravel Truck_str	BOBJ1	118.2167	Before	Left Exterior Girder	61.7967	0.95	1	1	4.761756
Gravel Truck_str	BOBJ1	118.2167	Before	Interior Girder 1	61.9198	0.95	1	1	2.236399
Gravel Truck_str	BOBJ1	118.2167	Before	Interior Girder 2	61.9198	0.95	1	1	2.149019
Gravel Truck_str	BOBJ1	118.2167	Before	Interior Girder 3	61.9198	0.95	1	1	2.020233
Gravel Truck_str	BOBJ1	118.2167	Before	Interior Girder 4	61.9198	0.95	1	1	2.020233
Gravel Truck_str	BOBJ1	118.2167	Before	Interior Girder 5	61.9198	0.95	1	1	2.149019
Gravel Truck_str	BOBJ1	118.2167	Before	Interior Girder 6	61.9198	0.95	1	1	2.236399
Gravel Truck_str	BOBJ1	118.2167	Before	Right Exterior Girder	61.7967	0.95	1	1	4.761756
Gravel Truck_str	BOBJ1	118.2167	After	Left Exterior Girder	61.7967	0.95	1	1	4.765699
Gravel Truck_str	BOBJ1	118.2167	After	Interior Girder 1	61.9198	0.95	1	1	3.442151
Gravel Truck_str	BOBJ1	118.2167	After	Interior Girder 2	61.9198	0.95	1	1	3.221253
Gravel Truck_str	BOBJ1	118.2167	After	Interior Girder 3	61.9198	0.95	1	1	3.079839
Gravel Truck_str	BOBJ1	118.2167	After	Interior Girder 4	61.9198	0.95	1	1	3.079839
Gravel Truck_str	BOBJ1	118.2167	After	Interior Girder 5	61.9198	0.95	1	1	3.221253
Gravel Truck_str	BOBJ1	118.2167	After	Interior Girder 6	61.9198	0.95	1	1	3.442151
Gravel Truck_str	BOBJ1	118.2167	After	Right Exterior Girder	61.7967	0.95	1	1	4.765699
Gravel Truck_str	BOBJ1	123.84	Before	Left Exterior Girder	67.42	0.95	1	1	3.25931
Gravel Truck_str	BOBJ1	123.84	Before	Interior Girder 1	67.42	0.95	1	1	2.175296
Gravel Truck_str	BOBJ1	123.84	Before	Interior Girder 2	67.42	0.95	1	1	2.020632
Gravel Truck_str	BOBJ1	123.84	Before	Interior Girder 3	67.42	0.95	1	1	1.678198
Gravel Truck_str	BOBJ1	123.84	Before	Interior Girder 4	67.42	0.95	1	1	1.678198
Gravel Truck_str	BOBJ1	123.84	Before	Interior Girder 5	67.42	0.95	1	1	2.020632
Gravel Truck_str	BOBJ1	123.84	Before	Interior Girder 6	67.42	0.95	1	1	2.175296
Gravel Truck_str	BOBJ1	123.84	Before	Right Exterior Girder	67.42	0.95	1	1	3.25931
Gravel Truck_str	BOBJ1	123.84	After	Left Exterior Girder	0	0.95	1	1	3.481866
Gravel Truck_str	BOBJ1	123.84	After	Interior Girder 1	0	0.95	1	1	2.324652
Gravel Truck_str	BOBJ1	123.84	After	Interior Girder 2	0	0.95	1	1	2.171709
Gravel Truck_str	BOBJ1	123.84	After	Interior Girder 3	0	0.95	1	1	1.807983
Gravel Truck_str	BOBJ1	123.84	After	Interior Girder 4	0	0.95	1	1	1.807983
Gravel Truck_str	BOBJ1	123.84	After	Interior Girder 5	0	0.95	1	1	2.171709
Gravel Truck_str	BOBJ1	123.84	After	Interior Girder 6	0	0.95	1	1	2.324652
Gravel Truck_str	BOBJ1	123.84	After	Right Exterior Girder	0	0.95	1	1	3.481866
Gravel Truck_str	BOBJ1	129.34	Before	Interior Girder 1	5.5	0.95	1	1	3.687749
Gravel Truck_str	BOBJ1	129.34	Before	Interior Girder 2	5.5	0.95	1	1	3.470793
Gravel Truck_str	BOBJ1	129.34	Before	Interior Girder 3	5.5	0.95	1	1	3.323658
Gravel Truck_str	BOBJ1	129.34	Before	Interior Girder 4	5.5	0.95	1	1	3.323658
Gravel Truck_str	BOBJ1	129.34	Before	Interior Girder 5	5.5	0.95	1	1	3.470793
Gravel Truck_str	BOBJ1	129.34	Before	Interior Girder 6	5.5	0.95	1	1	3.687749
Gravel Truck_str	BOBJ1	129.34	After	Interior Girder 1	5.5	0.95	1	1	2.435734
Gravel Truck_str	BOBJ1	129.34	After	Interior Girder 2	5.5	0.95	1	1	2.314685
Gravel Truck_str	BOBJ1	129.34	After	Interior Girder 3	5.5	0.95	1	1	2.190869
Gravel Truck_str	BOBJ1	129.34	After	Interior Girder 4	5.5	0.95	1	1	2.190869
Gravel Truck_str	BOBJ1	129.34	After	Interior Girder 5	5.5	0.95	1	1	2.314685
Gravel Truck_str	BOBJ1	129.34	After	Interior Girder 6	5.5	0.95	1	1	2.435734
Gravel Truck_str	BOBJ1	130.79	Before	Left Exterior Girder	6.95	0.95	1	1	5.43991
Gravel Truck_str	BOBJ1	130.79	Before	Interior Girder 1	6.95	0.95	1	1	2.706847
Gravel Truck_str	BOBJ1	130.79	Before	Interior Girder 2	6.95	0.95	1	1	2.5416
Gravel Truck_str	BOBJ1	130.79	Before	Interior Girder 3	6.95	0.95	1	1	2.466955
Gravel Truck_str	BOBJ1	130.79	Before	Interior Girder 4	6.95	0.95	1	1	2.466955
Gravel Truck_str	BOBJ1	130.79	Before	Interior Girder 5	6.95	0.95	1	1	2.5416
Gravel Truck_str	BOBJ1	130.79	Before	Interior Girder 6	6.95	0.95	1	1	2.706847
Gravel Truck_str	BOBJ1	130.79	Before	Right Exterior Girder	6.95	0.95	1	1	5.43991
Gravel Truck_str	BOBJ1	130.79	After	Left Exterior Girder	6.95	0.95	1	1	5.482356
Gravel Truck_str	BOBJ1	130.79	After	Interior Girder 1	6.95	0.95	1	1	2.693811
Gravel Truck_str	BOBJ1	130.79	After	Interior Girder 2	6.95	0.95	1	1	2.564612
Gravel Truck_str	BOBJ1	130.79	After	Interior Girder 3	6.95	0.95	1	1	2.481077
Gravel Truck_str	BOBJ1	130.79	After	Interior Girder 4	6.95	0.95	1	1	2.481077
Gravel Truck_str	BOBJ1	130.79	After	Interior Girder 5	6.95	0.95	1	1	2.564612
Gravel Truck_str	BOBJ1	130.79	After	Interior Girder 6	6.95	0.95	1	1	2.693811
Gravel Truck_str	BOBJ1	130.79	After	Right Exterior Girder	6.95	0.95	1	1	5.482356
Gravel Truck_str	BOBJ1	132.34	Before	Left Exterior Girder	8.5	0.95	1	1	5.955347

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelINonCompStrgth-Flx - Approach, Span 12-1									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Gravel Truck_str	BOBJ1	132.34	Before	Right Exterior Girder	8.5	0.95	1	1	5.955347
Gravel Truck_str	BOBJ1	132.34	After	Left Exterior Girder	8.5	0.95	1	1	2.662242
Gravel Truck_str	BOBJ1	132.34	After	Right Exterior Girder	8.5	0.95	1	1	2.662242
Gravel Truck_str	BOBJ1	137.74	Before	Left Exterior Girder	13.9	0.95	1	1	3.927364
Gravel Truck_str	BOBJ1	137.74	Before	Interior Girder 1	13.9	0.95	1	1	3.415232
Gravel Truck_str	BOBJ1	137.74	Before	Interior Girder 2	13.9	0.95	1	1	3.092268
Gravel Truck_str	BOBJ1	137.74	Before	Interior Girder 3	13.9	0.95	1	1	2.981342
Gravel Truck_str	BOBJ1	137.74	Before	Interior Girder 4	13.9	0.95	1	1	2.981342
Gravel Truck_str	BOBJ1	137.74	Before	Interior Girder 5	13.9	0.95	1	1	3.092268
Gravel Truck_str	BOBJ1	137.74	Before	Interior Girder 6	13.9	0.95	1	1	3.415232
Gravel Truck_str	BOBJ1	137.74	Before	Right Exterior Girder	13.9	0.95	1	1	3.927364
Gravel Truck_str	BOBJ1	137.74	After	Left Exterior Girder	13.9	0.95	1	1	4.287051
Gravel Truck_str	BOBJ1	137.74	After	Interior Girder 1	13.9	0.95	1	1	3.394492
Gravel Truck_str	BOBJ1	137.74	After	Interior Girder 2	13.9	0.95	1	1	3.100583
Gravel Truck_str	BOBJ1	137.74	After	Interior Girder 3	13.9	0.95	1	1	3.041125
Gravel Truck_str	BOBJ1	137.74	After	Interior Girder 4	13.9	0.95	1	1	3.041125
Gravel Truck_str	BOBJ1	137.74	After	Interior Girder 5	13.9	0.95	1	1	3.100583
Gravel Truck_str	BOBJ1	137.74	After	Interior Girder 6	13.9	0.95	1	1	3.394492
Gravel Truck_str	BOBJ1	137.74	After	Right Exterior Girder	13.9	0.95	1	1	4.287051
Gravel Truck_str	BOBJ1	143.7733	Before	Left Exterior Girder	19.9333	0.95	1	1	2.887492
Gravel Truck_str	BOBJ1	143.7733	Before	Interior Girder 1	19.9333	0.95	1	1	2.051657
Gravel Truck_str	BOBJ1	143.7733	Before	Interior Girder 2	19.9333	0.95	1	1	1.922193
Gravel Truck_str	BOBJ1	143.7733	Before	Interior Girder 3	19.9333	0.95	1	1	1.859642
Gravel Truck_str	BOBJ1	143.7733	Before	Interior Girder 4	19.9333	0.95	1	1	1.859642
Gravel Truck_str	BOBJ1	143.7733	Before	Interior Girder 5	19.9333	0.95	1	1	1.922193
Gravel Truck_str	BOBJ1	143.7733	Before	Interior Girder 6	19.9333	0.95	1	1	2.051657
Gravel Truck_str	BOBJ1	143.7733	Before	Right Exterior Girder	19.9333	0.95	1	1	2.887492
Gravel Truck_str	BOBJ1	143.7733	After	Left Exterior Girder	19.9333	0.95	1	1	2.939175
Gravel Truck_str	BOBJ1	143.7733	After	Interior Girder 1	19.9333	0.95	1	1	2.026927
Gravel Truck_str	BOBJ1	143.7733	After	Interior Girder 2	19.9333	0.95	1	1	1.920315
Gravel Truck_str	BOBJ1	143.7733	After	Interior Girder 3	19.9333	0.95	1	1	1.880533
Gravel Truck_str	BOBJ1	143.7733	After	Interior Girder 4	19.9333	0.95	1	1	1.880533
Gravel Truck_str	BOBJ1	143.7733	After	Interior Girder 5	19.9333	0.95	1	1	1.920315
Gravel Truck_str	BOBJ1	143.7733	After	Interior Girder 6	19.9333	0.95	1	1	2.026927
Gravel Truck_str	BOBJ1	143.7733	After	Right Exterior Girder	19.9333	0.95	1	1	2.939175
Gravel Truck_str	BOBJ1	149.8067	Before	Left Exterior Girder	25.9667	0.95	1	1	2.07398
Gravel Truck_str	BOBJ1	149.8067	Before	Interior Girder 1	25.9667	0.95	1	1	1.590742
Gravel Truck_str	BOBJ1	149.8067	Before	Interior Girder 2	25.9667	0.95	1	1	1.513621
Gravel Truck_str	BOBJ1	149.8067	Before	Interior Girder 3	25.9667	0.95	1	1	1.475492
Gravel Truck_str	BOBJ1	149.8067	Before	Interior Girder 4	25.9667	0.95	1	1	1.475492
Gravel Truck_str	BOBJ1	149.8067	Before	Interior Girder 5	25.9667	0.95	1	1	1.513621
Gravel Truck_str	BOBJ1	149.8067	Before	Interior Girder 6	25.9667	0.95	1	1	1.590742
Gravel Truck_str	BOBJ1	149.8067	Before	Right Exterior Girder	25.9667	0.95	1	1	2.07398
Gravel Truck_str	BOBJ1	149.8067	After	Left Exterior Girder	25.9667	0.95	1	1	2.07709
Gravel Truck_str	BOBJ1	149.8067	After	Interior Girder 1	25.9667	0.95	1	1	1.591523
Gravel Truck_str	BOBJ1	149.8067	After	Interior Girder 2	25.9667	0.95	1	1	1.523279
Gravel Truck_str	BOBJ1	149.8067	After	Interior Girder 3	25.9667	0.95	1	1	1.492342
Gravel Truck_str	BOBJ1	149.8067	After	Interior Girder 4	25.9667	0.95	1	1	1.492342
Gravel Truck_str	BOBJ1	149.8067	After	Interior Girder 5	25.9667	0.95	1	1	1.523279
Gravel Truck_str	BOBJ1	149.8067	After	Interior Girder 6	25.9667	0.95	1	1	1.591523
Gravel Truck_str	BOBJ1	149.8067	After	Right Exterior Girder	25.9667	0.95	1	1	2.07709
Gravel Truck_str	BOBJ1	155.84	Before	Left Exterior Girder	32	0.95	1	1	1.735912
Gravel Truck_str	BOBJ1	155.84	Before	Interior Girder 1	32	0.95	1	1	1.506514
Gravel Truck_str	BOBJ1	155.84	Before	Interior Girder 2	32	0.95	1	1	1.439132
Gravel Truck_str	BOBJ1	155.84	Before	Interior Girder 3	32	0.95	1	1	1.41464
Gravel Truck_str	BOBJ1	155.84	Before	Interior Girder 4	32	0.95	1	1	1.41464
Gravel Truck_str	BOBJ1	155.84	Before	Interior Girder 5	32	0.95	1	1	1.439132
Gravel Truck_str	BOBJ1	155.84	Before	Interior Girder 6	32	0.95	1	1	1.506514
Gravel Truck_str	BOBJ1	155.84	Before	Right Exterior Girder	32	0.95	1	1	1.735912
Gravel Truck_str	BOBJ1	155.84	After	Left Exterior Girder	32	0.95	1	1	1.745065
Gravel Truck_str	BOBJ1	155.84	After	Interior Girder 1	32	0.95	1	1	1.501569
Gravel Truck_str	BOBJ1	155.84	After	Interior Girder 2	32	0.95	1	1	1.437199
Gravel Truck_str	BOBJ1	155.84	After	Interior Girder 3	32	0.95	1	1	1.414482
Gravel Truck_str	BOBJ1	155.84	After	Interior Girder 4	32	0.95	1	1	1.414482
Gravel Truck_str	BOBJ1	155.84	After	Interior Girder 5	32	0.95	1	1	1.437199

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelINonCompStrgth-Flx - Approach, Span 12-1									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Gravel Truck_str	BOBJ1	155.84	After	Interior Girder 6	32	0.95	1	1	1.501569
Gravel Truck_str	BOBJ1	155.84	After	Right Exterior Girder	32	0.95	1	1	1.745065
Gravel Truck_str	BOBJ1	161.8733	Before	Left Exterior Girder	38.0333	0.95	1	1	1.877108
Gravel Truck_str	BOBJ1	161.8733	Before	Interior Girder 1	38.0333	0.95	1	1	1.477217
Gravel Truck_str	BOBJ1	161.8733	Before	Interior Girder 2	38.0333	0.95	1	1	1.414237
Gravel Truck_str	BOBJ1	161.8733	Before	Interior Girder 3	38.0333	0.95	1	1	1.382456
Gravel Truck_str	BOBJ1	161.8733	Before	Interior Girder 4	38.0333	0.95	1	1	1.382456
Gravel Truck_str	BOBJ1	161.8733	Before	Interior Girder 5	38.0333	0.95	1	1	1.414237
Gravel Truck_str	BOBJ1	161.8733	Before	Interior Girder 6	38.0333	0.95	1	1	1.477217
Gravel Truck_str	BOBJ1	161.8733	Before	Right Exterior Girder	38.0333	0.95	1	1	1.877108
Gravel Truck_str	BOBJ1	161.8733	After	Left Exterior Girder	38.0333	0.95	1	1	1.881806
Gravel Truck_str	BOBJ1	161.8733	After	Interior Girder 1	38.0333	0.95	1	1	1.471227
Gravel Truck_str	BOBJ1	161.8733	After	Interior Girder 2	38.0333	0.95	1	1	1.405984
Gravel Truck_str	BOBJ1	161.8733	After	Interior Girder 3	38.0333	0.95	1	1	1.371291
Gravel Truck_str	BOBJ1	161.8733	After	Interior Girder 4	38.0333	0.95	1	1	1.371291
Gravel Truck_str	BOBJ1	161.8733	After	Interior Girder 5	38.0333	0.95	1	1	1.405984
Gravel Truck_str	BOBJ1	161.8733	After	Interior Girder 6	38.0333	0.95	1	1	1.471227
Gravel Truck_str	BOBJ1	161.8733	After	Right Exterior Girder	38.0333	0.95	1	1	1.881806
Gravel Truck_str	BOBJ1	167.9067	Before	Left Exterior Girder	44.0667	0.95	1	1	2.346029
Gravel Truck_str	BOBJ1	167.9067	Before	Interior Girder 1	44.0667	0.95	1	1	1.723762
Gravel Truck_str	BOBJ1	167.9067	Before	Interior Girder 2	44.0667	0.95	1	1	1.632618
Gravel Truck_str	BOBJ1	167.9067	Before	Interior Girder 3	44.0667	0.95	1	1	1.597891
Gravel Truck_str	BOBJ1	167.9067	Before	Interior Girder 4	44.0667	0.95	1	1	1.597891
Gravel Truck_str	BOBJ1	167.9067	Before	Interior Girder 5	44.0667	0.95	1	1	1.632618
Gravel Truck_str	BOBJ1	167.9067	Before	Interior Girder 6	44.0667	0.95	1	1	1.723762
Gravel Truck_str	BOBJ1	167.9067	Before	Right Exterior Girder	44.0667	0.95	1	1	2.346029
Gravel Truck_str	BOBJ1	167.9067	After	Left Exterior Girder	44.0667	0.95	1	1	2.305349
Gravel Truck_str	BOBJ1	167.9067	After	Interior Girder 1	44.0667	0.95	1	1	1.741343
Gravel Truck_str	BOBJ1	167.9067	After	Interior Girder 2	44.0667	0.95	1	1	1.638737
Gravel Truck_str	BOBJ1	167.9067	After	Interior Girder 3	44.0667	0.95	1	1	1.58653
Gravel Truck_str	BOBJ1	167.9067	After	Interior Girder 4	44.0667	0.95	1	1	1.58653
Gravel Truck_str	BOBJ1	167.9067	After	Interior Girder 5	44.0667	0.95	1	1	1.638737
Gravel Truck_str	BOBJ1	167.9067	After	Interior Girder 6	44.0667	0.95	1	1	1.741343
Gravel Truck_str	BOBJ1	167.9067	After	Right Exterior Girder	44.0667	0.95	1	1	2.305349
Gravel Truck_str	BOBJ1	173.94	Before	Left Exterior Girder	50.1	0.95	1	1	3.370976
Gravel Truck_str	BOBJ1	173.94	Before	Interior Girder 1	50.1	0.95	1	1	2.533873
Gravel Truck_str	BOBJ1	173.94	Before	Interior Girder 2	50.1	0.95	1	1	2.319676
Gravel Truck_str	BOBJ1	173.94	Before	Interior Girder 3	50.1	0.95	1	1	2.27244
Gravel Truck_str	BOBJ1	173.94	Before	Interior Girder 4	50.1	0.95	1	1	2.27244
Gravel Truck_str	BOBJ1	173.94	Before	Interior Girder 5	50.1	0.95	1	1	2.319676
Gravel Truck_str	BOBJ1	173.94	Before	Interior Girder 6	50.1	0.95	1	1	2.533873
Gravel Truck_str	BOBJ1	173.94	Before	Right Exterior Girder	50.1	0.95	1	1	3.370976
Gravel Truck_str	BOBJ1	173.94	After	Left Exterior Girder	50.1	0.95	1	1	3.341163
Gravel Truck_str	BOBJ1	173.94	After	Interior Girder 1	50.1	0.95	1	1	2.542553
Gravel Truck_str	BOBJ1	173.94	After	Interior Girder 2	50.1	0.95	1	1	2.308517
Gravel Truck_str	BOBJ1	173.94	After	Interior Girder 3	50.1	0.95	1	1	2.235136
Gravel Truck_str	BOBJ1	173.94	After	Interior Girder 4	50.1	0.95	1	1	2.235136
Gravel Truck_str	BOBJ1	173.94	After	Interior Girder 5	50.1	0.95	1	1	2.308517
Gravel Truck_str	BOBJ1	173.94	After	Interior Girder 6	50.1	0.95	1	1	2.542553
Gravel Truck_str	BOBJ1	173.94	After	Right Exterior Girder	50.1	0.95	1	1	3.341163
Gravel Truck_str	BOBJ1	179.98	Before	Left Exterior Girder	56.14	0.95	1	1	4.015798
Gravel Truck_str	BOBJ1	179.98	Before	Interior Girder 1	56.14	0.95	1	1	4.12051
Gravel Truck_str	BOBJ1	179.98	Before	Interior Girder 2	56.14	0.95	1	1	3.785811
Gravel Truck_str	BOBJ1	179.98	Before	Interior Girder 3	56.14	0.95	1	1	3.645923
Gravel Truck_str	BOBJ1	179.98	Before	Interior Girder 4	56.14	0.95	1	1	3.645923
Gravel Truck_str	BOBJ1	179.98	Before	Interior Girder 5	56.14	0.95	1	1	3.785811
Gravel Truck_str	BOBJ1	179.98	Before	Interior Girder 6	56.14	0.95	1	1	4.12051
Gravel Truck_str	BOBJ1	179.98	Before	Right Exterior Girder	56.14	0.95	1	1	4.015798
Gravel Truck_str	BOBJ1	179.98	After	Left Exterior Girder	56.14	0.95	1	1	4.061195
Gravel Truck_str	BOBJ1	179.98	After	Interior Girder 1	56.14	0.95	1	1	4.083856
Gravel Truck_str	BOBJ1	179.98	After	Interior Girder 2	56.14	0.95	1	1	3.749341
Gravel Truck_str	BOBJ1	179.98	After	Interior Girder 3	56.14	0.95	1	1	3.501358
Gravel Truck_str	BOBJ1	179.98	After	Interior Girder 4	56.14	0.95	1	1	3.501358
Gravel Truck_str	BOBJ1	179.98	After	Interior Girder 5	56.14	0.95	1	1	3.749341
Gravel Truck_str	BOBJ1	179.98	After	Interior Girder 6	56.14	0.95	1	1	4.083856

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelINonCompStrgth-Flx - Approach, Span 12-1									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Gravel Truck_str	BOBJ1	179.98	After	Right Exterior Girder	56.14	0.95	1	1	4.061195
Gravel Truck_str	BOBJ1	183.56	Before	Left Exterior Girder	59.72	0.95	1	1	3.04739
Gravel Truck_str	BOBJ1	183.56	Before	Right Exterior Girder	59.72	0.95	1	1	3.04739
Gravel Truck_str	BOBJ1	183.56	After	Left Exterior Girder	59.72	0.95	1	1	7.369231
Gravel Truck_str	BOBJ1	183.56	After	Right Exterior Girder	59.72	0.95	1	1	7.369231
Gravel Truck_str	BOBJ1	186.02	Before	Left Exterior Girder	62.18	0.95	1	1	6.497373
Gravel Truck_str	BOBJ1	186.02	Before	Interior Girder 1	62.22	0.95	1	1	2.750396
Gravel Truck_str	BOBJ1	186.02	Before	Interior Girder 2	62.22	0.95	1	1	2.624994
Gravel Truck_str	BOBJ1	186.02	Before	Interior Girder 3	62.22	0.95	1	1	2.40581
Gravel Truck_str	BOBJ1	186.02	Before	Interior Girder 4	62.22	0.95	1	1	2.40581
Gravel Truck_str	BOBJ1	186.02	Before	Interior Girder 5	62.22	0.95	1	1	2.624994
Gravel Truck_str	BOBJ1	186.02	Before	Interior Girder 6	62.22	0.95	1	1	2.750396
Gravel Truck_str	BOBJ1	186.02	Before	Right Exterior Girder	62.18	0.95	1	1	6.497373
Gravel Truck_str	BOBJ1	186.02	After	Left Exterior Girder	62.18	0.95	1	1	6.537802
Gravel Truck_str	BOBJ1	186.02	After	Interior Girder 1	62.22	0.95	1	1	4.483548
Gravel Truck_str	BOBJ1	186.02	After	Interior Girder 2	62.22	0.95	1	1	4.135932
Gravel Truck_str	BOBJ1	186.02	After	Interior Girder 3	62.22	0.95	1	1	3.856981
Gravel Truck_str	BOBJ1	186.02	After	Interior Girder 4	62.22	0.95	1	1	3.856981
Gravel Truck_str	BOBJ1	186.02	After	Interior Girder 5	62.22	0.95	1	1	4.135932
Gravel Truck_str	BOBJ1	186.02	After	Interior Girder 6	62.22	0.95	1	1	4.483548
Gravel Truck_str	BOBJ1	186.02	After	Right Exterior Girder	62.18	0.95	1	1	6.537802
Gravel Truck_str	BOBJ1	192.06	Before	Left Exterior Girder	68.22	0.95	1	1	3.143136
Gravel Truck_str	BOBJ1	192.06	Before	Interior Girder 1	68.22	0.95	1	1	2.075077
Gravel Truck_str	BOBJ1	192.06	Before	Interior Girder 2	68.22	0.95	1	1	1.979954
Gravel Truck_str	BOBJ1	192.06	Before	Interior Girder 3	68.22	0.95	1	1	1.672535
Gravel Truck_str	BOBJ1	192.06	Before	Interior Girder 4	68.22	0.95	1	1	1.672535
Gravel Truck_str	BOBJ1	192.06	Before	Interior Girder 5	68.22	0.95	1	1	1.979954
Gravel Truck_str	BOBJ1	192.06	Before	Interior Girder 6	68.22	0.95	1	1	2.075077
Gravel Truck_str	BOBJ1	192.06	Before	Right Exterior Girder	68.22	0.95	1	1	3.143136
Gravel Truck_str	BOBJ1	192.06	After	Left Exterior Girder	0	0.95	1	1	3.887136
Gravel Truck_str	BOBJ1	192.06	After	Interior Girder 1	0	0.95	1	1	3.019043
Gravel Truck_str	BOBJ1	192.06	After	Interior Girder 2	0	0.95	1	1	2.733423
Gravel Truck_str	BOBJ1	192.06	After	Interior Girder 3	0	0.95	1	1	2.357519
Gravel Truck_str	BOBJ1	192.06	After	Interior Girder 4	0	0.95	1	1	2.357519
Gravel Truck_str	BOBJ1	192.06	After	Interior Girder 5	0	0.95	1	1	2.733423
Gravel Truck_str	BOBJ1	192.06	After	Interior Girder 6	0	0.95	1	1	3.019043
Gravel Truck_str	BOBJ1	192.06	After	Right Exterior Girder	0	0.95	1	1	3.887136
Gravel Truck_str	BOBJ1	197.087	Before	Interior Girder 1	5.027	0.95	1	1	3.880124
Gravel Truck_str	BOBJ1	197.087	Before	Interior Girder 2	5.027	0.95	1	1	3.625912
Gravel Truck_str	BOBJ1	197.087	Before	Interior Girder 3	5.027	0.95	1	1	3.557379
Gravel Truck_str	BOBJ1	197.087	Before	Interior Girder 4	5.027	0.95	1	1	3.557379
Gravel Truck_str	BOBJ1	197.087	Before	Interior Girder 5	5.027	0.95	1	1	3.625912
Gravel Truck_str	BOBJ1	197.087	Before	Interior Girder 6	5.027	0.95	1	1	3.880124
Gravel Truck_str	BOBJ1	197.087	After	Interior Girder 1	5.027	0.95	1	1	2.416243
Gravel Truck_str	BOBJ1	197.087	After	Interior Girder 2	5.027	0.95	1	1	2.275069
Gravel Truck_str	BOBJ1	197.087	After	Interior Girder 3	5.027	0.95	1	1	2.214851
Gravel Truck_str	BOBJ1	197.087	After	Interior Girder 4	5.027	0.95	1	1	2.214851
Gravel Truck_str	BOBJ1	197.087	After	Interior Girder 5	5.027	0.95	1	1	2.275069
Gravel Truck_str	BOBJ1	197.087	After	Interior Girder 6	5.027	0.95	1	1	2.416243
Gravel Truck_str	BOBJ1	197.91	Before	Left Exterior Girder	5.85	0.95	1	1	5.390267
Gravel Truck_str	BOBJ1	197.91	Before	Interior Girder 1	5.85	0.95	1	1	2.557416
Gravel Truck_str	BOBJ1	197.91	Before	Interior Girder 2	5.85	0.95	1	1	2.387488
Gravel Truck_str	BOBJ1	197.91	Before	Interior Girder 3	5.85	0.95	1	1	2.367148
Gravel Truck_str	BOBJ1	197.91	Before	Interior Girder 4	5.85	0.95	1	1	2.367148
Gravel Truck_str	BOBJ1	197.91	Before	Interior Girder 5	5.85	0.95	1	1	2.387488
Gravel Truck_str	BOBJ1	197.91	Before	Interior Girder 6	5.85	0.95	1	1	2.557416
Gravel Truck_str	BOBJ1	197.91	Before	Right Exterior Girder	5.85	0.95	1	1	5.390267
Gravel Truck_str	BOBJ1	197.91	After	Left Exterior Girder	5.85	0.95	1	1	4.571558
Gravel Truck_str	BOBJ1	197.91	After	Interior Girder 1	5.85	0.95	1	1	2.127804
Gravel Truck_str	BOBJ1	197.91	After	Interior Girder 2	5.85	0.95	1	1	2.010803
Gravel Truck_str	BOBJ1	197.91	After	Interior Girder 3	5.85	0.95	1	1	1.972229
Gravel Truck_str	BOBJ1	197.91	After	Interior Girder 4	5.85	0.95	1	1	1.972229
Gravel Truck_str	BOBJ1	197.91	After	Interior Girder 5	5.85	0.95	1	1	2.010803
Gravel Truck_str	BOBJ1	197.91	After	Interior Girder 6	5.85	0.95	1	1	2.127804
Gravel Truck_str	BOBJ1	197.91	After	Right Exterior Girder	5.85	0.95	1	1	4.571558

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelINonCompStrgth-Flx - Approach, Span 12-1									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Gravel Truck_str	BOBJ1	199.1816	Before	Left Exterior Girder	7.1216	0.95	1	1	4.894808
Gravel Truck_str	BOBJ1	199.1816	Before	Right Exterior Girder	7.1216	0.95	1	1	4.894808
Gravel Truck_str	BOBJ1	199.1816	After	Left Exterior Girder	7.1216	0.95	1	1	1.964881
Gravel Truck_str	BOBJ1	199.1816	After	Right Exterior Girder	7.1216	0.95	1	1	1.964881
Gravel Truck_str	BOBJ1	203.5267	Before	Left Exterior Girder	11.3107	0.95	1	1	2.830738
Gravel Truck_str	BOBJ1	203.5267	Before	Interior Girder 1	11.3107	0.95	1	1	3.024915
Gravel Truck_str	BOBJ1	203.5267	Before	Interior Girder 2	11.3107	0.95	1	1	2.857845
Gravel Truck_str	BOBJ1	203.5267	Before	Interior Girder 3	11.3107	0.95	1	1	2.949378
Gravel Truck_str	BOBJ1	203.5267	Before	Interior Girder 4	11.3107	0.95	1	1	2.949378
Gravel Truck_str	BOBJ1	203.5267	Before	Interior Girder 5	11.3107	0.95	1	1	2.857845
Gravel Truck_str	BOBJ1	203.5267	Before	Interior Girder 6	11.3107	0.95	1	1	3.024915
Gravel Truck_str	BOBJ1	203.5267	Before	Right Exterior Girder	11.3107	0.95	1	1	2.830738
Gravel Truck_str	BOBJ1	203.5267	After	Left Exterior Girder	11.3107	0.95	1	1	4.557635
Gravel Truck_str	BOBJ1	203.5267	After	Interior Girder 1	11.3107	0.95	1	1	4.791441
Gravel Truck_str	BOBJ1	203.5267	After	Interior Girder 2	11.3107	0.95	1	1	4.573964
Gravel Truck_str	BOBJ1	203.5267	After	Interior Girder 3	11.3107	0.95	1	1	4.681675
Gravel Truck_str	BOBJ1	203.5267	After	Interior Girder 4	11.3107	0.95	1	1	4.681675
Gravel Truck_str	BOBJ1	203.5267	After	Interior Girder 5	11.3107	0.95	1	1	4.573964
Gravel Truck_str	BOBJ1	203.5267	After	Interior Girder 6	11.3107	0.95	1	1	4.791441
Gravel Truck_str	BOBJ1	203.5267	After	Right Exterior Girder	11.3107	0.95	1	1	4.557635
Gravel Truck_str	BOBJ1	209.1433	Before	Left Exterior Girder	17.0833	0.95	1	1	4.758395
Gravel Truck_str	BOBJ1	209.1433	Before	Interior Girder 1	17.0833	0.95	1	1	3.269479
Gravel Truck_str	BOBJ1	209.1433	Before	Interior Girder 2	17.0833	0.95	1	1	3.038601
Gravel Truck_str	BOBJ1	209.1433	Before	Interior Girder 3	17.0833	0.95	1	1	2.957874
Gravel Truck_str	BOBJ1	209.1433	Before	Interior Girder 4	17.0833	0.95	1	1	2.957874
Gravel Truck_str	BOBJ1	209.1433	Before	Interior Girder 5	17.0833	0.95	1	1	3.038601
Gravel Truck_str	BOBJ1	209.1433	Before	Interior Girder 6	17.0833	0.95	1	1	3.269479
Gravel Truck_str	BOBJ1	209.1433	Before	Right Exterior Girder	17.0833	0.95	1	1	4.758395
Gravel Truck_str	BOBJ1	209.1433	After	Left Exterior Girder	17.0833	0.95	1	1	4.728434
Gravel Truck_str	BOBJ1	209.1433	After	Interior Girder 1	17.0833	0.95	1	1	3.282187
Gravel Truck_str	BOBJ1	209.1433	After	Interior Girder 2	17.0833	0.95	1	1	3.075117
Gravel Truck_str	BOBJ1	209.1433	After	Interior Girder 3	17.0833	0.95	1	1	3.011577
Gravel Truck_str	BOBJ1	209.1433	After	Interior Girder 4	17.0833	0.95	1	1	3.011577
Gravel Truck_str	BOBJ1	209.1433	After	Interior Girder 5	17.0833	0.95	1	1	3.075117
Gravel Truck_str	BOBJ1	209.1433	After	Interior Girder 6	17.0833	0.95	1	1	3.282187
Gravel Truck_str	BOBJ1	209.1433	After	Right Exterior Girder	17.0833	0.95	1	1	4.728434
Gravel Truck_str	BOBJ1	214.76	Before	Left Exterior Girder	22.7	0.95	1	1	3.245417
Gravel Truck_str	BOBJ1	214.76	Before	Interior Girder 1	22.7	0.95	1	1	2.57818
Gravel Truck_str	BOBJ1	214.76	Before	Interior Girder 2	22.7	0.95	1	1	2.40845
Gravel Truck_str	BOBJ1	214.76	Before	Interior Girder 3	22.7	0.95	1	1	2.356673
Gravel Truck_str	BOBJ1	214.76	Before	Interior Girder 4	22.7	0.95	1	1	2.356673
Gravel Truck_str	BOBJ1	214.76	Before	Interior Girder 5	22.7	0.95	1	1	2.40845
Gravel Truck_str	BOBJ1	214.76	Before	Interior Girder 6	22.7	0.95	1	1	2.57818
Gravel Truck_str	BOBJ1	214.76	Before	Right Exterior Girder	22.7	0.95	1	1	3.245417
Gravel Truck_str	BOBJ1	214.76	After	Left Exterior Girder	22.7	0.95	1	1	3.269876
Gravel Truck_str	BOBJ1	214.76	After	Interior Girder 1	22.7	0.95	1	1	2.566259
Gravel Truck_str	BOBJ1	214.76	After	Interior Girder 2	22.7	0.95	1	1	2.41388
Gravel Truck_str	BOBJ1	214.76	After	Interior Girder 3	22.7	0.95	1	1	2.371825
Gravel Truck_str	BOBJ1	214.76	After	Interior Girder 4	22.7	0.95	1	1	2.371825
Gravel Truck_str	BOBJ1	214.76	After	Interior Girder 5	22.7	0.95	1	1	2.41388
Gravel Truck_str	BOBJ1	214.76	After	Interior Girder 6	22.7	0.95	1	1	2.566259
Gravel Truck_str	BOBJ1	214.76	After	Right Exterior Girder	22.7	0.95	1	1	3.269876
Gravel Truck_str	BOBJ1	220.3767	Before	Left Exterior Girder	28.3167	0.95	1	1	2.86245
Gravel Truck_str	BOBJ1	220.3767	Before	Interior Girder 1	28.3167	0.95	1	1	2.166881
Gravel Truck_str	BOBJ1	220.3767	Before	Interior Girder 2	28.3167	0.95	1	1	2.054308
Gravel Truck_str	BOBJ1	220.3767	Before	Interior Girder 3	28.3167	0.95	1	1	1.994505
Gravel Truck_str	BOBJ1	220.3767	Before	Interior Girder 4	28.3167	0.95	1	1	1.994505
Gravel Truck_str	BOBJ1	220.3767	Before	Interior Girder 5	28.3167	0.95	1	1	2.054308
Gravel Truck_str	BOBJ1	220.3767	Before	Interior Girder 6	28.3167	0.95	1	1	2.166881
Gravel Truck_str	BOBJ1	220.3767	Before	Right Exterior Girder	28.3167	0.95	1	1	2.86245
Gravel Truck_str	BOBJ1	220.3767	After	Left Exterior Girder	28.3167	0.95	1	1	2.883372
Gravel Truck_str	BOBJ1	220.3767	After	Interior Girder 1	28.3167	0.95	1	1	2.158744
Gravel Truck_str	BOBJ1	220.3767	After	Interior Girder 2	28.3167	0.95	1	1	2.051798
Gravel Truck_str	BOBJ1	220.3767	After	Interior Girder 3	28.3167	0.95	1	1	2.00018
Gravel Truck_str	BOBJ1	220.3767	After	Interior Girder 4	28.3167	0.95	1	1	2.00018

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelINonCompStrgth-Flx - Approach, Span 12-1									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Gravel Truck_str	BOBJ1	220.3767	After	Interior Girder 5	28.3167	0.95	1	1	2.051798
Gravel Truck_str	BOBJ1	220.3767	After	Interior Girder 6	28.3167	0.95	1	1	2.158744
Gravel Truck_str	BOBJ1	220.3767	After	Right Exterior Girder	28.3167	0.95	1	1	2.883372
Gravel Truck_str	BOBJ1	225.9933	Before	Left Exterior Girder	33.9333	0.95	1	1	2.747305
Gravel Truck_str	BOBJ1	225.9933	Before	Interior Girder 1	33.9333	0.95	1	1	2.067963
Gravel Truck_str	BOBJ1	225.9933	Before	Interior Girder 2	33.9333	0.95	1	1	1.970642
Gravel Truck_str	BOBJ1	225.9933	Before	Interior Girder 3	33.9333	0.95	1	1	1.919221
Gravel Truck_str	BOBJ1	225.9933	Before	Interior Girder 4	33.9333	0.95	1	1	1.919221
Gravel Truck_str	BOBJ1	225.9933	Before	Interior Girder 5	33.9333	0.95	1	1	1.970642
Gravel Truck_str	BOBJ1	225.9933	Before	Interior Girder 6	33.9333	0.95	1	1	2.067963
Gravel Truck_str	BOBJ1	225.9933	Before	Right Exterior Girder	33.9333	0.95	1	1	2.747305
Gravel Truck_str	BOBJ1	225.9933	After	Left Exterior Girder	33.9333	0.95	1	1	2.732006
Gravel Truck_str	BOBJ1	225.9933	After	Interior Girder 1	33.9333	0.95	1	1	2.076574
Gravel Truck_str	BOBJ1	225.9933	After	Interior Girder 2	33.9333	0.95	1	1	1.972247
Gravel Truck_str	BOBJ1	225.9933	After	Interior Girder 3	33.9333	0.95	1	1	1.914732
Gravel Truck_str	BOBJ1	225.9933	After	Interior Girder 4	33.9333	0.95	1	1	1.914732
Gravel Truck_str	BOBJ1	225.9933	After	Interior Girder 5	33.9333	0.95	1	1	1.972247
Gravel Truck_str	BOBJ1	225.9933	After	Interior Girder 6	33.9333	0.95	1	1	2.076574
Gravel Truck_str	BOBJ1	225.9933	After	Right Exterior Girder	33.9333	0.95	1	1	2.732006
Gravel Truck_str	BOBJ1	231.61	Before	Left Exterior Girder	39.55	0.95	1	1	2.922024
Gravel Truck_str	BOBJ1	231.61	Before	Interior Girder 1	39.55	0.95	1	1	2.302109
Gravel Truck_str	BOBJ1	231.61	Before	Interior Girder 2	39.55	0.95	1	1	2.177097
Gravel Truck_str	BOBJ1	231.61	Before	Interior Girder 3	39.55	0.95	1	1	2.110917
Gravel Truck_str	BOBJ1	231.61	Before	Interior Girder 4	39.55	0.95	1	1	2.110917
Gravel Truck_str	BOBJ1	231.61	Before	Interior Girder 5	39.55	0.95	1	1	2.177097
Gravel Truck_str	BOBJ1	231.61	Before	Interior Girder 6	39.55	0.95	1	1	2.302109
Gravel Truck_str	BOBJ1	231.61	Before	Right Exterior Girder	39.55	0.95	1	1	2.922024
Gravel Truck_str	BOBJ1	231.61	After	Left Exterior Girder	39.55	0.95	1	1	2.913895
Gravel Truck_str	BOBJ1	231.61	After	Interior Girder 1	39.55	0.95	1	1	2.304788
Gravel Truck_str	BOBJ1	231.61	After	Interior Girder 2	39.55	0.95	1	1	2.160544
Gravel Truck_str	BOBJ1	231.61	After	Interior Girder 3	39.55	0.95	1	1	2.085347
Gravel Truck_str	BOBJ1	231.61	After	Interior Girder 4	39.55	0.95	1	1	2.085347
Gravel Truck_str	BOBJ1	231.61	After	Interior Girder 5	39.55	0.95	1	1	2.160544
Gravel Truck_str	BOBJ1	231.61	After	Interior Girder 6	39.55	0.95	1	1	2.304788
Gravel Truck_str	BOBJ1	231.61	After	Right Exterior Girder	39.55	0.95	1	1	2.913895
Gravel Truck_str	BOBJ1	237.37	Before	Left Exterior Girder	45.31	0.95	1	1	4.019188
Gravel Truck_str	BOBJ1	237.37	Before	Interior Girder 1	45.31	0.95	1	1	2.846609
Gravel Truck_str	BOBJ1	237.37	Before	Interior Girder 2	45.31	0.95	1	1	2.68837
Gravel Truck_str	BOBJ1	237.37	Before	Interior Girder 3	45.31	0.95	1	1	2.547677
Gravel Truck_str	BOBJ1	237.37	Before	Interior Girder 4	45.31	0.95	1	1	2.547677
Gravel Truck_str	BOBJ1	237.37	Before	Interior Girder 5	45.31	0.95	1	1	2.68837
Gravel Truck_str	BOBJ1	237.37	Before	Interior Girder 6	45.31	0.95	1	1	2.846609
Gravel Truck_str	BOBJ1	237.37	Before	Right Exterior Girder	45.31	0.95	1	1	4.019188
Gravel Truck_str	BOBJ1	237.37	After	Left Exterior Girder	45.31	0.95	1	1	4.044162
Gravel Truck_str	BOBJ1	237.37	After	Interior Girder 1	45.31	0.95	1	1	2.834522
Gravel Truck_str	BOBJ1	237.37	After	Interior Girder 2	45.31	0.95	1	1	2.640015
Gravel Truck_str	BOBJ1	237.37	After	Interior Girder 3	45.31	0.95	1	1	2.472777
Gravel Truck_str	BOBJ1	237.37	After	Interior Girder 4	45.31	0.95	1	1	2.472777
Gravel Truck_str	BOBJ1	237.37	After	Interior Girder 5	45.31	0.95	1	1	2.640015
Gravel Truck_str	BOBJ1	237.37	After	Interior Girder 6	45.31	0.95	1	1	2.834522
Gravel Truck_str	BOBJ1	237.37	After	Right Exterior Girder	45.31	0.95	1	1	4.044162
Gravel Truck_str	BOBJ1	243.13	Before	Left Exterior Girder	51.07	0.95	1	1	7.848017
Gravel Truck_str	BOBJ1	243.13	Before	Interior Girder 1	51.07	0.95	1	1	4.769279
Gravel Truck_str	BOBJ1	243.13	Before	Interior Girder 2	51.07	0.95	1	1	4.507246
Gravel Truck_str	BOBJ1	243.13	Before	Interior Girder 3	51.07	0.95	1	1	4.046044
Gravel Truck_str	BOBJ1	243.13	Before	Interior Girder 4	51.07	0.95	1	1	4.046044
Gravel Truck_str	BOBJ1	243.13	Before	Interior Girder 5	51.07	0.95	1	1	4.507246
Gravel Truck_str	BOBJ1	243.13	Before	Interior Girder 6	51.07	0.95	1	1	4.769279
Gravel Truck_str	BOBJ1	243.13	Before	Right Exterior Girder	51.07	0.95	1	1	7.848017
Gravel Truck_str	BOBJ1	243.13	After	Left Exterior Girder	51.07	0.95	1	1	7.807827
Gravel Truck_str	BOBJ1	243.13	After	Interior Girder 1	51.07	0.95	1	1	4.710817
Gravel Truck_str	BOBJ1	243.13	After	Interior Girder 2	51.07	0.95	1	1	4.398996
Gravel Truck_str	BOBJ1	243.13	After	Interior Girder 3	51.07	0.95	1	1	3.83209
Gravel Truck_str	BOBJ1	243.13	After	Interior Girder 4	51.07	0.95	1	1	3.83209
Gravel Truck_str	BOBJ1	243.13	After	Interior Girder 5	51.07	0.95	1	1	4.398996

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelINonCompStrgth-Flx - Approach, Span 12-1									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Gravel Truck_str	BOBJ1	243.13	After	Interior Girder 6	51.07	0.95	1	1	4.710817
Gravel Truck_str	BOBJ1	243.13	After	Right Exterior Girder	51.07	0.95	1	1	7.807827
Gravel Truck_str	BOBJ1	248.89	Before	Left Exterior Girder	56.83	0.95	1	1	377.307194
Gravel Truck_str	BOBJ1	248.89	Before	Interior Girder 1	56.83	0.95	1	1	330.416079
Gravel Truck_str	BOBJ1	248.89	Before	Interior Girder 2	56.83	0.95	1	1	207.783912
Gravel Truck_str	BOBJ1	248.89	Before	Interior Girder 3	56.83	0.95	1	1	162.198833
Gravel Truck_str	BOBJ1	248.89	Before	Interior Girder 4	56.83	0.95	1	1	162.198833
Gravel Truck_str	BOBJ1	248.89	Before	Interior Girder 5	56.83	0.95	1	1	207.783912
Gravel Truck_str	BOBJ1	248.89	Before	Interior Girder 6	56.83	0.95	1	1	330.416079
Gravel Truck_str	BOBJ1	248.89	Before	Right Exterior Girder	56.83	0.95	1	1	377.307194
Annual Permit 1_str	BOBJ1	0	After	Left Exterior Girder	0	0.95	1	1	197.212597
Annual Permit 1_str	BOBJ1	0	After	Interior Girder 1	0	0.95	1	1	191.249601
Annual Permit 1_str	BOBJ1	0	After	Interior Girder 2	0	0.95	1	1	138.165115
Annual Permit 1_str	BOBJ1	0	After	Interior Girder 3	0	0.95	1	1	113.325373
Annual Permit 1_str	BOBJ1	0	After	Interior Girder 4	0	0.95	1	1	113.325373
Annual Permit 1_str	BOBJ1	0	After	Interior Girder 5	0	0.95	1	1	138.165115
Annual Permit 1_str	BOBJ1	0	After	Interior Girder 6	0	0.95	1	1	191.249601
Annual Permit 1_str	BOBJ1	0	After	Right Exterior Girder	0	0.95	1	1	197.212597
Annual Permit 1_str	BOBJ1	5.85	Before	Left Exterior Girder	5.85	0.95	1	1	4.862377
Annual Permit 1_str	BOBJ1	5.85	Before	Interior Girder 1	5.85	0.95	1	1	3.586845
Annual Permit 1_str	BOBJ1	5.85	Before	Interior Girder 2	5.85	0.95	1	1	3.482468
Annual Permit 1_str	BOBJ1	5.85	Before	Interior Girder 3	5.85	0.95	1	1	3.000576
Annual Permit 1_str	BOBJ1	5.85	Before	Interior Girder 4	5.85	0.95	1	1	3.000576
Annual Permit 1_str	BOBJ1	5.85	Before	Interior Girder 5	5.85	0.95	1	1	3.482468
Annual Permit 1_str	BOBJ1	5.85	Before	Interior Girder 6	5.85	0.95	1	1	3.586845
Annual Permit 1_str	BOBJ1	5.85	Before	Right Exterior Girder	5.85	0.95	1	1	4.862377
Annual Permit 1_str	BOBJ1	5.85	After	Left Exterior Girder	5.85	0.95	1	1	4.905367
Annual Permit 1_str	BOBJ1	5.85	After	Interior Girder 1	5.85	0.95	1	1	3.586134
Annual Permit 1_str	BOBJ1	5.85	After	Interior Girder 2	5.85	0.95	1	1	3.588471
Annual Permit 1_str	BOBJ1	5.85	After	Interior Girder 3	5.85	0.95	1	1	3.143651
Annual Permit 1_str	BOBJ1	5.85	After	Interior Girder 4	5.85	0.95	1	1	3.143651
Annual Permit 1_str	BOBJ1	5.85	After	Interior Girder 5	5.85	0.95	1	1	3.588471
Annual Permit 1_str	BOBJ1	5.85	After	Interior Girder 6	5.85	0.95	1	1	3.586134
Annual Permit 1_str	BOBJ1	5.85	After	Right Exterior Girder	5.85	0.95	1	1	4.905367
Annual Permit 1_str	BOBJ1	11.4667	Before	Left Exterior Girder	11.4667	0.95	1	1	2.752792
Annual Permit 1_str	BOBJ1	11.4667	Before	Interior Girder 1	11.4667	0.95	1	1	2.05336
Annual Permit 1_str	BOBJ1	11.4667	Before	Interior Girder 2	11.4667	0.95	1	1	2.061027
Annual Permit 1_str	BOBJ1	11.4667	Before	Interior Girder 3	11.4667	0.95	1	1	1.846232
Annual Permit 1_str	BOBJ1	11.4667	Before	Interior Girder 4	11.4667	0.95	1	1	1.846232
Annual Permit 1_str	BOBJ1	11.4667	Before	Interior Girder 5	11.4667	0.95	1	1	2.061027
Annual Permit 1_str	BOBJ1	11.4667	Before	Interior Girder 6	11.4667	0.95	1	1	2.05336
Annual Permit 1_str	BOBJ1	11.4667	Before	Right Exterior Girder	11.4667	0.95	1	1	2.752792
Annual Permit 1_str	BOBJ1	11.4667	After	Left Exterior Girder	11.4667	0.95	1	1	2.785377
Annual Permit 1_str	BOBJ1	11.4667	After	Interior Girder 1	11.4667	0.95	1	1	2.039281
Annual Permit 1_str	BOBJ1	11.4667	After	Interior Girder 2	11.4667	0.95	1	1	2.095753
Annual Permit 1_str	BOBJ1	11.4667	After	Interior Girder 3	11.4667	0.95	1	1	1.896131
Annual Permit 1_str	BOBJ1	11.4667	After	Interior Girder 4	11.4667	0.95	1	1	1.896131
Annual Permit 1_str	BOBJ1	11.4667	After	Interior Girder 5	11.4667	0.95	1	1	2.095753
Annual Permit 1_str	BOBJ1	11.4667	After	Interior Girder 6	11.4667	0.95	1	1	2.039281
Annual Permit 1_str	BOBJ1	11.4667	After	Right Exterior Girder	11.4667	0.95	1	1	2.785377
Annual Permit 1_str	BOBJ1	17.0833	Before	Left Exterior Girder	17.0833	0.95	1	1	2.053958
Annual Permit 1_str	BOBJ1	17.0833	Before	Interior Girder 1	17.0833	0.95	1	1	1.606862
Annual Permit 1_str	BOBJ1	17.0833	Before	Interior Girder 2	17.0833	0.95	1	1	1.668224
Annual Permit 1_str	BOBJ1	17.0833	Before	Interior Girder 3	17.0833	0.95	1	1	1.52941
Annual Permit 1_str	BOBJ1	17.0833	Before	Interior Girder 4	17.0833	0.95	1	1	1.52941
Annual Permit 1_str	BOBJ1	17.0833	Before	Interior Girder 5	17.0833	0.95	1	1	1.668224
Annual Permit 1_str	BOBJ1	17.0833	Before	Interior Girder 6	17.0833	0.95	1	1	1.606862
Annual Permit 1_str	BOBJ1	17.0833	Before	Right Exterior Girder	17.0833	0.95	1	1	2.053958
Annual Permit 1_str	BOBJ1	17.0833	After	Left Exterior Girder	17.0833	0.95	1	1	2.05404
Annual Permit 1_str	BOBJ1	17.0833	After	Interior Girder 1	17.0833	0.95	1	1	1.610094
Annual Permit 1_str	BOBJ1	17.0833	After	Interior Girder 2	17.0833	0.95	1	1	1.693456
Annual Permit 1_str	BOBJ1	17.0833	After	Interior Girder 3	17.0833	0.95	1	1	1.561283
Annual Permit 1_str	BOBJ1	17.0833	After	Interior Girder 4	17.0833	0.95	1	1	1.561283
Annual Permit 1_str	BOBJ1	17.0833	After	Interior Girder 5	17.0833	0.95	1	1	1.693456
Annual Permit 1_str	BOBJ1	17.0833	After	Interior Girder 6	17.0833	0.95	1	1	1.610094

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelINonCompStrgth-Flx - Approach, Span 12-1									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Annual Permit 1_str	BOBJ1	17.0833	After	Right Exterior Girder	17.0833	0.95	1	1	2.05404
Annual Permit 1_str	BOBJ1	22.7	Before	Left Exterior Girder	22.7	0.95	1	1	1.826989
Annual Permit 1_str	BOBJ1	22.7	Before	Interior Girder 1	22.7	0.95	1	1	1.578231
Annual Permit 1_str	BOBJ1	22.7	Before	Interior Girder 2	22.7	0.95	1	1	1.66853
Annual Permit 1_str	BOBJ1	22.7	Before	Interior Girder 3	22.7	0.95	1	1	1.593212
Annual Permit 1_str	BOBJ1	22.7	Before	Interior Girder 4	22.7	0.95	1	1	1.593212
Annual Permit 1_str	BOBJ1	22.7	Before	Interior Girder 5	22.7	0.95	1	1	1.66853
Annual Permit 1_str	BOBJ1	22.7	Before	Interior Girder 6	22.7	0.95	1	1	1.578231
Annual Permit 1_str	BOBJ1	22.7	Before	Right Exterior Girder	22.7	0.95	1	1	1.826989
Annual Permit 1_str	BOBJ1	22.7	After	Left Exterior Girder	22.7	0.95	1	1	1.83421
Annual Permit 1_str	BOBJ1	22.7	After	Interior Girder 1	22.7	0.95	1	1	1.574796
Annual Permit 1_str	BOBJ1	22.7	After	Interior Girder 2	22.7	0.95	1	1	1.669441
Annual Permit 1_str	BOBJ1	22.7	After	Interior Girder 3	22.7	0.95	1	1	1.59296
Annual Permit 1_str	BOBJ1	22.7	After	Interior Girder 4	22.7	0.95	1	1	1.59296
Annual Permit 1_str	BOBJ1	22.7	After	Interior Girder 5	22.7	0.95	1	1	1.669441
Annual Permit 1_str	BOBJ1	22.7	After	Interior Girder 6	22.7	0.95	1	1	1.574796
Annual Permit 1_str	BOBJ1	22.7	After	Right Exterior Girder	22.7	0.95	1	1	1.83421
Annual Permit 1_str	BOBJ1	28.3167	Before	Left Exterior Girder	28.3167	0.95	1	1	2.031296
Annual Permit 1_str	BOBJ1	28.3167	Before	Interior Girder 1	28.3167	0.95	1	1	1.631079
Annual Permit 1_str	BOBJ1	28.3167	Before	Interior Girder 2	28.3167	0.95	1	1	1.706945
Annual Permit 1_str	BOBJ1	28.3167	Before	Interior Girder 3	28.3167	0.95	1	1	1.600168
Annual Permit 1_str	BOBJ1	28.3167	Before	Interior Girder 4	28.3167	0.95	1	1	1.600168
Annual Permit 1_str	BOBJ1	28.3167	Before	Interior Girder 5	28.3167	0.95	1	1	1.706945
Annual Permit 1_str	BOBJ1	28.3167	Before	Interior Girder 6	28.3167	0.95	1	1	1.631079
Annual Permit 1_str	BOBJ1	28.3167	Before	Right Exterior Girder	28.3167	0.95	1	1	2.031296
Annual Permit 1_str	BOBJ1	28.3167	After	Left Exterior Girder	28.3167	0.95	1	1	2.037594
Annual Permit 1_str	BOBJ1	28.3167	After	Interior Girder 1	28.3167	0.95	1	1	1.622006
Annual Permit 1_str	BOBJ1	28.3167	After	Interior Girder 2	28.3167	0.95	1	1	1.694413
Annual Permit 1_str	BOBJ1	28.3167	After	Interior Girder 3	28.3167	0.95	1	1	1.576352
Annual Permit 1_str	BOBJ1	28.3167	After	Interior Girder 4	28.3167	0.95	1	1	1.576352
Annual Permit 1_str	BOBJ1	28.3167	After	Interior Girder 5	28.3167	0.95	1	1	1.694413
Annual Permit 1_str	BOBJ1	28.3167	After	Interior Girder 6	28.3167	0.95	1	1	1.622006
Annual Permit 1_str	BOBJ1	28.3167	After	Right Exterior Girder	28.3167	0.95	1	1	2.037594
Annual Permit 1_str	BOBJ1	33.9333	Before	Left Exterior Girder	33.9333	0.95	1	1	2.44169
Annual Permit 1_str	BOBJ1	33.9333	Before	Interior Girder 1	33.9333	0.95	1	1	1.875078
Annual Permit 1_str	BOBJ1	33.9333	Before	Interior Girder 2	33.9333	0.95	1	1	1.956823
Annual Permit 1_str	BOBJ1	33.9333	Before	Interior Girder 3	33.9333	0.95	1	1	1.83595
Annual Permit 1_str	BOBJ1	33.9333	Before	Interior Girder 4	33.9333	0.95	1	1	1.83595
Annual Permit 1_str	BOBJ1	33.9333	Before	Interior Girder 5	33.9333	0.95	1	1	1.956823
Annual Permit 1_str	BOBJ1	33.9333	Before	Interior Girder 6	33.9333	0.95	1	1	1.875078
Annual Permit 1_str	BOBJ1	33.9333	Before	Right Exterior Girder	33.9333	0.95	1	1	2.44169
Annual Permit 1_str	BOBJ1	33.9333	After	Left Exterior Girder	33.9333	0.95	1	1	2.408381
Annual Permit 1_str	BOBJ1	33.9333	After	Interior Girder 1	33.9333	0.95	1	1	1.888616
Annual Permit 1_str	BOBJ1	33.9333	After	Interior Girder 2	33.9333	0.95	1	1	1.954462
Annual Permit 1_str	BOBJ1	33.9333	After	Interior Girder 3	33.9333	0.95	1	1	1.815411
Annual Permit 1_str	BOBJ1	33.9333	After	Interior Girder 4	33.9333	0.95	1	1	1.815411
Annual Permit 1_str	BOBJ1	33.9333	After	Interior Girder 5	33.9333	0.95	1	1	1.954462
Annual Permit 1_str	BOBJ1	33.9333	After	Interior Girder 6	33.9333	0.95	1	1	1.888616
Annual Permit 1_str	BOBJ1	33.9333	After	Right Exterior Girder	33.9333	0.95	1	1	2.408381
Annual Permit 1_str	BOBJ1	39.55	Before	Left Exterior Girder	39.55	0.95	1	1	3.40943
Annual Permit 1_str	BOBJ1	39.55	Before	Interior Girder 1	39.55	0.95	1	1	2.699887
Annual Permit 1_str	BOBJ1	39.55	Before	Interior Girder 2	39.55	0.95	1	1	2.728524
Annual Permit 1_str	BOBJ1	39.55	Before	Interior Girder 3	39.55	0.95	1	1	2.605428
Annual Permit 1_str	BOBJ1	39.55	Before	Interior Girder 4	39.55	0.95	1	1	2.605428
Annual Permit 1_str	BOBJ1	39.55	Before	Interior Girder 5	39.55	0.95	1	1	2.728524
Annual Permit 1_str	BOBJ1	39.55	Before	Interior Girder 6	39.55	0.95	1	1	2.699887
Annual Permit 1_str	BOBJ1	39.55	Before	Right Exterior Girder	39.55	0.95	1	1	3.40943
Annual Permit 1_str	BOBJ1	39.55	After	Left Exterior Girder	39.55	0.95	1	1	3.388359
Annual Permit 1_str	BOBJ1	39.55	After	Interior Girder 1	39.55	0.95	1	1	2.705832
Annual Permit 1_str	BOBJ1	39.55	After	Interior Girder 2	39.55	0.95	1	1	2.71632
Annual Permit 1_str	BOBJ1	39.55	After	Interior Girder 3	39.55	0.95	1	1	2.539004
Annual Permit 1_str	BOBJ1	39.55	After	Interior Girder 4	39.55	0.95	1	1	2.539004
Annual Permit 1_str	BOBJ1	39.55	After	Interior Girder 5	39.55	0.95	1	1	2.71632
Annual Permit 1_str	BOBJ1	39.55	After	Interior Girder 6	39.55	0.95	1	1	2.705832
Annual Permit 1_str	BOBJ1	39.55	After	Right Exterior Girder	39.55	0.95	1	1	3.388359

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelINonCompStrgth-Flx - Approach, Span 12-1									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Annual Permit 1_str	BOBJ1	45.1733	Before	Left Exterior Girder	45.1226	0.95	1	1	3.180675
Annual Permit 1_str	BOBJ1	45.1733	Before	Interior Girder 1	45.1226	0.95	1	1	3.288071
Annual Permit 1_str	BOBJ1	45.1733	Before	Interior Girder 2	45.1226	0.95	1	1	3.563463
Annual Permit 1_str	BOBJ1	45.1733	Before	Interior Girder 3	45.1226	0.95	1	1	3.561128
Annual Permit 1_str	BOBJ1	45.1733	Before	Interior Girder 4	45.1226	0.95	1	1	3.561128
Annual Permit 1_str	BOBJ1	45.1733	Before	Interior Girder 5	45.1226	0.95	1	1	3.563463
Annual Permit 1_str	BOBJ1	45.1733	Before	Interior Girder 6	45.1226	0.95	1	1	3.288071
Annual Permit 1_str	BOBJ1	45.1733	Before	Right Exterior Girder	45.1226	0.95	1	1	3.180675
Annual Permit 1_str	BOBJ1	45.1733	After	Left Exterior Girder	45.1226	0.95	1	1	2.545451
Annual Permit 1_str	BOBJ1	45.1733	After	Interior Girder 1	45.1226	0.95	1	1	2.618796
Annual Permit 1_str	BOBJ1	45.1733	After	Interior Girder 2	45.1226	0.95	1	1	2.832252
Annual Permit 1_str	BOBJ1	45.1733	After	Interior Girder 3	45.1226	0.95	1	1	2.851144
Annual Permit 1_str	BOBJ1	45.1733	After	Interior Girder 4	45.1226	0.95	1	1	2.851144
Annual Permit 1_str	BOBJ1	45.1733	After	Interior Girder 5	45.1226	0.95	1	1	2.832252
Annual Permit 1_str	BOBJ1	45.1733	After	Interior Girder 6	45.1226	0.95	1	1	2.618796
Annual Permit 1_str	BOBJ1	45.1733	After	Right Exterior Girder	45.1226	0.95	1	1	2.545451
Annual Permit 1_str	BOBJ1	49.2561	Before	Left Exterior Girder	49.2561	0.95	1	1	1.679483
Annual Permit 1_str	BOBJ1	49.2561	Before	Right Exterior Girder	49.2561	0.95	1	1	1.679483
Annual Permit 1_str	BOBJ1	49.2561	After	Left Exterior Girder	49.2561	0.95	1	1	1.725712
Annual Permit 1_str	BOBJ1	49.2561	After	Right Exterior Girder	49.2561	0.95	1	1	1.725712
Annual Permit 1_str	BOBJ1	50.7967	Before	Left Exterior Girder	50.7967	0.95	1	1	3.288942
Annual Permit 1_str	BOBJ1	50.7967	Before	Interior Girder 1	50.7967	0.95	1	1	1.497877
Annual Permit 1_str	BOBJ1	50.7967	Before	Interior Girder 2	50.7967	0.95	1	1	1.548219
Annual Permit 1_str	BOBJ1	50.7967	Before	Interior Girder 3	50.7967	0.95	1	1	1.320006
Annual Permit 1_str	BOBJ1	50.7967	Before	Interior Girder 4	50.7967	0.95	1	1	1.320006
Annual Permit 1_str	BOBJ1	50.7967	Before	Interior Girder 5	50.7967	0.95	1	1	1.548219
Annual Permit 1_str	BOBJ1	50.7967	Before	Interior Girder 6	50.7967	0.95	1	1	1.497877
Annual Permit 1_str	BOBJ1	50.7967	Before	Right Exterior Girder	50.7967	0.95	1	1	3.288942
Annual Permit 1_str	BOBJ1	50.7967	After	Left Exterior Girder	50.7967	0.95	1	1	3.281061
Annual Permit 1_str	BOBJ1	50.7967	After	Interior Girder 1	50.7967	0.95	1	1	1.5017
Annual Permit 1_str	BOBJ1	50.7967	After	Interior Girder 2	50.7967	0.95	1	1	1.569204
Annual Permit 1_str	BOBJ1	50.7967	After	Interior Girder 3	50.7967	0.95	1	1	1.35166
Annual Permit 1_str	BOBJ1	50.7967	After	Interior Girder 4	50.7967	0.95	1	1	1.35166
Annual Permit 1_str	BOBJ1	50.7967	After	Interior Girder 5	50.7967	0.95	1	1	1.569204
Annual Permit 1_str	BOBJ1	50.7967	After	Interior Girder 6	50.7967	0.95	1	1	1.5017
Annual Permit 1_str	BOBJ1	50.7967	After	Right Exterior Girder	50.7967	0.95	1	1	3.281061
Annual Permit 1_str	BOBJ1	51.3989	Before	Interior Girder 1	51.3989	0.95	1	1	1.345987
Annual Permit 1_str	BOBJ1	51.3989	Before	Interior Girder 2	51.3989	0.95	1	1	1.425869
Annual Permit 1_str	BOBJ1	51.3989	Before	Interior Girder 3	51.3989	0.95	1	1	1.215788
Annual Permit 1_str	BOBJ1	51.3989	Before	Interior Girder 4	51.3989	0.95	1	1	1.215788
Annual Permit 1_str	BOBJ1	51.3989	Before	Interior Girder 5	51.3989	0.95	1	1	1.425869
Annual Permit 1_str	BOBJ1	51.3989	Before	Interior Girder 6	51.3989	0.95	1	1	1.345987
Annual Permit 1_str	BOBJ1	51.3989	After	Interior Girder 1	51.3989	0.95	1	1	2.079746
Annual Permit 1_str	BOBJ1	51.3989	After	Interior Girder 2	51.3989	0.95	1	1	2.17567
Annual Permit 1_str	BOBJ1	51.3989	After	Interior Girder 3	51.3989	0.95	1	1	1.889442
Annual Permit 1_str	BOBJ1	51.3989	After	Interior Girder 4	51.3989	0.95	1	1	1.889442
Annual Permit 1_str	BOBJ1	51.3989	After	Interior Girder 5	51.3989	0.95	1	1	2.17567
Annual Permit 1_str	BOBJ1	51.3989	After	Interior Girder 6	51.3989	0.95	1	1	2.079746
Annual Permit 1_str	BOBJ1	56.42	Before	Left Exterior Girder	56.42	0.95	1	1	1.689947
Annual Permit 1_str	BOBJ1	56.42	Before	Interior Girder 1	56.42	0.95	1	1	1.108066
Annual Permit 1_str	BOBJ1	56.42	Before	Interior Girder 2	56.42	0.95	1	1	1.158094
Annual Permit 1_str	BOBJ1	56.42	Before	Interior Girder 3	56.42	0.95	1	1	0.939964
Annual Permit 1_str	BOBJ1	56.42	Before	Interior Girder 4	56.42	0.95	1	1	0.939964
Annual Permit 1_str	BOBJ1	56.42	Before	Interior Girder 5	56.42	0.95	1	1	1.158094
Annual Permit 1_str	BOBJ1	56.42	Before	Interior Girder 6	56.42	0.95	1	1	1.108066
Annual Permit 1_str	BOBJ1	56.42	Before	Right Exterior Girder	56.42	0.95	1	1	1.689947
Annual Permit 1_str	BOBJ1	56.42	After	Left Exterior Girder	0	0.95	1	1	1.674938
Annual Permit 1_str	BOBJ1	56.42	After	Interior Girder 1	0	0.95	1	1	1.100456
Annual Permit 1_str	BOBJ1	56.42	After	Interior Girder 2	0	0.95	1	1	1.150388
Annual Permit 1_str	BOBJ1	56.42	After	Interior Girder 3	0	0.95	1	1	0.928897
Annual Permit 1_str	BOBJ1	56.42	After	Interior Girder 4	0	0.95	1	1	0.928897
Annual Permit 1_str	BOBJ1	56.42	After	Interior Girder 5	0	0.95	1	1	1.150388
Annual Permit 1_str	BOBJ1	56.42	After	Interior Girder 6	0	0.95	1	1	1.100456
Annual Permit 1_str	BOBJ1	56.42	After	Right Exterior Girder	0	0.95	1	1	1.674938
Annual Permit 1_str	BOBJ1	62.0367	Before	Left Exterior Girder	5.6167	0.95	1	1	3.441942

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelINonCompStrgth-Flx - Approach, Span 12-1									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Annual Permit 1_str	BOBJ1	62.0367	Before	Interior Girder 1	5.6167	0.95	1	1	2.221014
Annual Permit 1_str	BOBJ1	62.0367	Before	Interior Girder 2	5.6167	0.95	1	1	2.299358
Annual Permit 1_str	BOBJ1	62.0367	Before	Interior Girder 3	5.6167	0.95	1	1	1.991302
Annual Permit 1_str	BOBJ1	62.0367	Before	Interior Girder 4	5.6167	0.95	1	1	1.991302
Annual Permit 1_str	BOBJ1	62.0367	Before	Interior Girder 5	5.6167	0.95	1	1	2.299358
Annual Permit 1_str	BOBJ1	62.0367	Before	Interior Girder 6	5.6167	0.95	1	1	2.221014
Annual Permit 1_str	BOBJ1	62.0367	Before	Right Exterior Girder	5.6167	0.95	1	1	3.441942
Annual Permit 1_str	BOBJ1	62.0367	After	Left Exterior Girder	5.6167	0.95	1	1	3.341633
Annual Permit 1_str	BOBJ1	62.0367	After	Interior Girder 1	5.6167	0.95	1	1	2.28365
Annual Permit 1_str	BOBJ1	62.0367	After	Interior Girder 2	5.6167	0.95	1	1	2.321784
Annual Permit 1_str	BOBJ1	62.0367	After	Interior Girder 3	5.6167	0.95	1	1	1.999795
Annual Permit 1_str	BOBJ1	62.0367	After	Interior Girder 4	5.6167	0.95	1	1	1.999795
Annual Permit 1_str	BOBJ1	62.0367	After	Interior Girder 5	5.6167	0.95	1	1	2.321784
Annual Permit 1_str	BOBJ1	62.0367	After	Interior Girder 6	5.6167	0.95	1	1	2.28365
Annual Permit 1_str	BOBJ1	62.0367	After	Right Exterior Girder	5.6167	0.95	1	1	3.341633
Annual Permit 1_str	BOBJ1	62.4203	Before	Interior Girder 1	6.0003	0.95	1	1	2.421059
Annual Permit 1_str	BOBJ1	62.4203	Before	Interior Girder 2	6.0003	0.95	1	1	2.438765
Annual Permit 1_str	BOBJ1	62.4203	Before	Interior Girder 3	6.0003	0.95	1	1	2.108421
Annual Permit 1_str	BOBJ1	62.4203	Before	Interior Girder 4	6.0003	0.95	1	1	2.108421
Annual Permit 1_str	BOBJ1	62.4203	Before	Interior Girder 5	6.0003	0.95	1	1	2.438765
Annual Permit 1_str	BOBJ1	62.4203	Before	Interior Girder 6	6.0003	0.95	1	1	2.421059
Annual Permit 1_str	BOBJ1	62.4203	After	Interior Girder 1	6.0003	0.95	1	1	1.580937
Annual Permit 1_str	BOBJ1	62.4203	After	Interior Girder 2	6.0003	0.95	1	1	1.594271
Annual Permit 1_str	BOBJ1	62.4203	After	Interior Girder 3	6.0003	0.95	1	1	1.349476
Annual Permit 1_str	BOBJ1	62.4203	After	Interior Girder 4	6.0003	0.95	1	1	1.349476
Annual Permit 1_str	BOBJ1	62.4203	After	Interior Girder 5	6.0003	0.95	1	1	1.594271
Annual Permit 1_str	BOBJ1	62.4203	After	Interior Girder 6	6.0003	0.95	1	1	1.580937
Annual Permit 1_str	BOBJ1	64.9204	Before	Left Exterior Girder	8.5004	0.95	1	1	4.839126
Annual Permit 1_str	BOBJ1	64.9204	Before	Right Exterior Girder	8.5004	0.95	1	1	4.839126
Annual Permit 1_str	BOBJ1	64.9204	After	Left Exterior Girder	8.5004	0.95	1	1	2.185972
Annual Permit 1_str	BOBJ1	64.9204	After	Right Exterior Girder	8.5004	0.95	1	1	2.185972
Annual Permit 1_str	BOBJ1	67.6533	Before	Left Exterior Girder	11.2333	0.95	1	1	3.111141
Annual Permit 1_str	BOBJ1	67.6533	Before	Interior Girder 1	11.2333	0.95	1	1	3.071254
Annual Permit 1_str	BOBJ1	67.6533	Before	Interior Girder 2	11.2333	0.95	1	1	3.23677
Annual Permit 1_str	BOBJ1	67.6533	Before	Interior Girder 3	11.2333	0.95	1	1	3.062984
Annual Permit 1_str	BOBJ1	67.6533	Before	Interior Girder 4	11.2333	0.95	1	1	3.062984
Annual Permit 1_str	BOBJ1	67.6533	Before	Interior Girder 5	11.2333	0.95	1	1	3.23677
Annual Permit 1_str	BOBJ1	67.6533	Before	Interior Girder 6	11.2333	0.95	1	1	3.071254
Annual Permit 1_str	BOBJ1	67.6533	Before	Right Exterior Girder	11.2333	0.95	1	1	3.111141
Annual Permit 1_str	BOBJ1	67.6533	After	Left Exterior Girder	11.2333	0.95	1	1	3.053533
Annual Permit 1_str	BOBJ1	67.6533	After	Interior Girder 1	11.2333	0.95	1	1	3.080181
Annual Permit 1_str	BOBJ1	67.6533	After	Interior Girder 2	11.2333	0.95	1	1	3.20175
Annual Permit 1_str	BOBJ1	67.6533	After	Interior Girder 3	11.2333	0.95	1	1	2.96213
Annual Permit 1_str	BOBJ1	67.6533	After	Interior Girder 4	11.2333	0.95	1	1	2.96213
Annual Permit 1_str	BOBJ1	67.6533	After	Interior Girder 5	11.2333	0.95	1	1	3.20175
Annual Permit 1_str	BOBJ1	67.6533	After	Interior Girder 6	11.2333	0.95	1	1	3.080181
Annual Permit 1_str	BOBJ1	67.6533	After	Right Exterior Girder	11.2333	0.95	1	1	3.053533
Annual Permit 1_str	BOBJ1	73.27	Before	Left Exterior Girder	16.85	0.95	1	1	3.350542
Annual Permit 1_str	BOBJ1	73.27	Before	Interior Girder 1	16.85	0.95	1	1	2.644502
Annual Permit 1_str	BOBJ1	73.27	Before	Interior Girder 2	16.85	0.95	1	1	2.610668
Annual Permit 1_str	BOBJ1	73.27	Before	Interior Girder 3	16.85	0.95	1	1	2.388445
Annual Permit 1_str	BOBJ1	73.27	Before	Interior Girder 4	16.85	0.95	1	1	2.388445
Annual Permit 1_str	BOBJ1	73.27	Before	Interior Girder 5	16.85	0.95	1	1	2.610668
Annual Permit 1_str	BOBJ1	73.27	Before	Interior Girder 6	16.85	0.95	1	1	2.644502
Annual Permit 1_str	BOBJ1	73.27	Before	Right Exterior Girder	16.85	0.95	1	1	3.350542
Annual Permit 1_str	BOBJ1	73.27	After	Left Exterior Girder	16.85	0.95	1	1	3.412061
Annual Permit 1_str	BOBJ1	73.27	After	Interior Girder 1	16.85	0.95	1	1	2.615228
Annual Permit 1_str	BOBJ1	73.27	After	Interior Girder 2	16.85	0.95	1	1	2.607606
Annual Permit 1_str	BOBJ1	73.27	After	Interior Girder 3	16.85	0.95	1	1	2.432026
Annual Permit 1_str	BOBJ1	73.27	After	Interior Girder 4	16.85	0.95	1	1	2.432026
Annual Permit 1_str	BOBJ1	73.27	After	Interior Girder 5	16.85	0.95	1	1	2.607606
Annual Permit 1_str	BOBJ1	73.27	After	Interior Girder 6	16.85	0.95	1	1	2.615228
Annual Permit 1_str	BOBJ1	73.27	After	Right Exterior Girder	16.85	0.95	1	1	3.412061
Annual Permit 1_str	BOBJ1	78.8867	Before	Left Exterior Girder	22.4667	0.95	1	1	2.239631
Annual Permit 1_str	BOBJ1	78.8867	Before	Interior Girder 1	22.4667	0.95	1	1	1.789009

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelINonCompStrgth-Flx - Approach, Span 12-1									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Annual Permit 1_str	BOBJ1	78.8867	Before	Interior Girder 2	22.4667	0.95	1	1	1.821157
Annual Permit 1_str	BOBJ1	78.8867	Before	Interior Girder 3	22.4667	0.95	1	1	1.681757
Annual Permit 1_str	BOBJ1	78.8867	Before	Interior Girder 4	22.4667	0.95	1	1	1.681757
Annual Permit 1_str	BOBJ1	78.8867	Before	Interior Girder 5	22.4667	0.95	1	1	1.821157
Annual Permit 1_str	BOBJ1	78.8867	Before	Interior Girder 6	22.4667	0.95	1	1	1.789009
Annual Permit 1_str	BOBJ1	78.8867	Before	Right Exterior Girder	22.4667	0.95	1	1	2.239631
Annual Permit 1_str	BOBJ1	78.8867	After	Left Exterior Girder	22.4667	0.95	1	1	2.283956
Annual Permit 1_str	BOBJ1	78.8867	After	Interior Girder 1	22.4667	0.95	1	1	1.770565
Annual Permit 1_str	BOBJ1	78.8867	After	Interior Girder 2	22.4667	0.95	1	1	1.813538
Annual Permit 1_str	BOBJ1	78.8867	After	Interior Girder 3	22.4667	0.95	1	1	1.693921
Annual Permit 1_str	BOBJ1	78.8867	After	Interior Girder 4	22.4667	0.95	1	1	1.693921
Annual Permit 1_str	BOBJ1	78.8867	After	Interior Girder 5	22.4667	0.95	1	1	1.813538
Annual Permit 1_str	BOBJ1	78.8867	After	Interior Girder 6	22.4667	0.95	1	1	1.770565
Annual Permit 1_str	BOBJ1	78.8867	After	Right Exterior Girder	22.4667	0.95	1	1	2.283956
Annual Permit 1_str	BOBJ1	84.5033	Before	Left Exterior Girder	28.0833	0.95	1	1	1.779047
Annual Permit 1_str	BOBJ1	84.5033	Before	Interior Girder 1	28.0833	0.95	1	1	1.475816
Annual Permit 1_str	BOBJ1	84.5033	Before	Interior Girder 2	28.0833	0.95	1	1	1.546053
Annual Permit 1_str	BOBJ1	84.5033	Before	Interior Girder 3	28.0833	0.95	1	1	1.448847
Annual Permit 1_str	BOBJ1	84.5033	Before	Interior Girder 4	28.0833	0.95	1	1	1.448847
Annual Permit 1_str	BOBJ1	84.5033	Before	Interior Girder 5	28.0833	0.95	1	1	1.546053
Annual Permit 1_str	BOBJ1	84.5033	Before	Interior Girder 6	28.0833	0.95	1	1	1.475816
Annual Permit 1_str	BOBJ1	84.5033	Before	Right Exterior Girder	28.0833	0.95	1	1	1.779047
Annual Permit 1_str	BOBJ1	84.5033	After	Left Exterior Girder	28.0833	0.95	1	1	1.78269
Annual Permit 1_str	BOBJ1	84.5033	After	Interior Girder 1	28.0833	0.95	1	1	1.480516
Annual Permit 1_str	BOBJ1	84.5033	After	Interior Girder 2	28.0833	0.95	1	1	1.554021
Annual Permit 1_str	BOBJ1	84.5033	After	Interior Girder 3	28.0833	0.95	1	1	1.462837
Annual Permit 1_str	BOBJ1	84.5033	After	Interior Girder 4	28.0833	0.95	1	1	1.462837
Annual Permit 1_str	BOBJ1	84.5033	After	Interior Girder 5	28.0833	0.95	1	1	1.554021
Annual Permit 1_str	BOBJ1	84.5033	After	Interior Girder 6	28.0833	0.95	1	1	1.480516
Annual Permit 1_str	BOBJ1	84.5033	After	Right Exterior Girder	28.0833	0.95	1	1	1.78269
Annual Permit 1_str	BOBJ1	90.12	Before	Left Exterior Girder	33.7	0.95	1	1	1.603178
Annual Permit 1_str	BOBJ1	90.12	Before	Interior Girder 1	33.7	0.95	1	1	1.472234
Annual Permit 1_str	BOBJ1	90.12	Before	Interior Girder 2	33.7	0.95	1	1	1.547698
Annual Permit 1_str	BOBJ1	90.12	Before	Interior Girder 3	33.7	0.95	1	1	1.497176
Annual Permit 1_str	BOBJ1	90.12	Before	Interior Girder 4	33.7	0.95	1	1	1.497176
Annual Permit 1_str	BOBJ1	90.12	Before	Interior Girder 5	33.7	0.95	1	1	1.547698
Annual Permit 1_str	BOBJ1	90.12	Before	Interior Girder 6	33.7	0.95	1	1	1.472234
Annual Permit 1_str	BOBJ1	90.12	Before	Right Exterior Girder	33.7	0.95	1	1	1.603178
Annual Permit 1_str	BOBJ1	90.12	After	Left Exterior Girder	33.7	0.95	1	1	1.609567
Annual Permit 1_str	BOBJ1	90.12	After	Interior Girder 1	33.7	0.95	1	1	1.469409
Annual Permit 1_str	BOBJ1	90.12	After	Interior Girder 2	33.7	0.95	1	1	1.543896
Annual Permit 1_str	BOBJ1	90.12	After	Interior Girder 3	33.7	0.95	1	1	1.490703
Annual Permit 1_str	BOBJ1	90.12	After	Interior Girder 4	33.7	0.95	1	1	1.490703
Annual Permit 1_str	BOBJ1	90.12	After	Interior Girder 5	33.7	0.95	1	1	1.543896
Annual Permit 1_str	BOBJ1	90.12	After	Interior Girder 6	33.7	0.95	1	1	1.469409
Annual Permit 1_str	BOBJ1	90.12	After	Right Exterior Girder	33.7	0.95	1	1	1.609567
Annual Permit 1_str	BOBJ1	95.7367	Before	Left Exterior Girder	39.3167	0.95	1	1	1.767306
Annual Permit 1_str	BOBJ1	95.7367	Before	Interior Girder 1	39.3167	0.95	1	1	1.471203
Annual Permit 1_str	BOBJ1	95.7367	Before	Interior Girder 2	39.3167	0.95	1	1	1.544853
Annual Permit 1_str	BOBJ1	95.7367	Before	Interior Girder 3	39.3167	0.95	1	1	1.455552
Annual Permit 1_str	BOBJ1	95.7367	Before	Interior Girder 4	39.3167	0.95	1	1	1.455552
Annual Permit 1_str	BOBJ1	95.7367	Before	Interior Girder 5	39.3167	0.95	1	1	1.544853
Annual Permit 1_str	BOBJ1	95.7367	Before	Interior Girder 6	39.3167	0.95	1	1	1.471203
Annual Permit 1_str	BOBJ1	95.7367	Before	Right Exterior Girder	39.3167	0.95	1	1	1.767306
Annual Permit 1_str	BOBJ1	95.7367	After	Left Exterior Girder	39.3167	0.95	1	1	1.764805
Annual Permit 1_str	BOBJ1	95.7367	After	Interior Girder 1	39.3167	0.95	1	1	1.465836
Annual Permit 1_str	BOBJ1	95.7367	After	Interior Girder 2	39.3167	0.95	1	1	1.53685
Annual Permit 1_str	BOBJ1	95.7367	After	Interior Girder 3	39.3167	0.95	1	1	1.44201
Annual Permit 1_str	BOBJ1	95.7367	After	Interior Girder 4	39.3167	0.95	1	1	1.44201
Annual Permit 1_str	BOBJ1	95.7367	After	Interior Girder 5	39.3167	0.95	1	1	1.53685
Annual Permit 1_str	BOBJ1	95.7367	After	Interior Girder 6	39.3167	0.95	1	1	1.465836
Annual Permit 1_str	BOBJ1	95.7367	After	Right Exterior Girder	39.3167	0.95	1	1	1.764805
Annual Permit 1_str	BOBJ1	101.3533	Before	Left Exterior Girder	44.9333	0.95	1	1	2.228187
Annual Permit 1_str	BOBJ1	101.3533	Before	Interior Girder 1	44.9333	0.95	1	1	1.747826
Annual Permit 1_str	BOBJ1	101.3533	Before	Interior Girder 2	44.9333	0.95	1	1	1.796443

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelINonCompStrgth-Flx - Approach, Span 12-1									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Annual Permit 1_str	BOBJ1	101.3533	Before	Interior Girder 3	44.9333	0.95	1	1	1.685054
Annual Permit 1_str	BOBJ1	101.3533	Before	Interior Girder 4	44.9333	0.95	1	1	1.685054
Annual Permit 1_str	BOBJ1	101.3533	Before	Interior Girder 5	44.9333	0.95	1	1	1.796443
Annual Permit 1_str	BOBJ1	101.3533	Before	Interior Girder 6	44.9333	0.95	1	1	1.747826
Annual Permit 1_str	BOBJ1	101.3533	Before	Right Exterior Girder	44.9333	0.95	1	1	2.228187
Annual Permit 1_str	BOBJ1	101.3533	After	Left Exterior Girder	44.9333	0.95	1	1	2.186453
Annual Permit 1_str	BOBJ1	101.3533	After	Interior Girder 1	44.9333	0.95	1	1	1.765163
Annual Permit 1_str	BOBJ1	101.3533	After	Interior Girder 2	44.9333	0.95	1	1	1.804546
Annual Permit 1_str	BOBJ1	101.3533	After	Interior Girder 3	44.9333	0.95	1	1	1.673758
Annual Permit 1_str	BOBJ1	101.3533	After	Interior Girder 4	44.9333	0.95	1	1	1.673758
Annual Permit 1_str	BOBJ1	101.3533	After	Interior Girder 5	44.9333	0.95	1	1	1.804546
Annual Permit 1_str	BOBJ1	101.3533	After	Interior Girder 6	44.9333	0.95	1	1	1.765163
Annual Permit 1_str	BOBJ1	101.3533	After	Right Exterior Girder	44.9333	0.95	1	1	2.186453
Annual Permit 1_str	BOBJ1	106.97	Before	Left Exterior Girder	50.55	0.95	1	1	3.249409
Annual Permit 1_str	BOBJ1	106.97	Before	Interior Girder 1	50.55	0.95	1	1	2.561525
Annual Permit 1_str	BOBJ1	106.97	Before	Interior Girder 2	50.55	0.95	1	1	2.557029
Annual Permit 1_str	BOBJ1	106.97	Before	Interior Girder 3	50.55	0.95	1	1	2.415185
Annual Permit 1_str	BOBJ1	106.97	Before	Interior Girder 4	50.55	0.95	1	1	2.415185
Annual Permit 1_str	BOBJ1	106.97	Before	Interior Girder 5	50.55	0.95	1	1	2.557029
Annual Permit 1_str	BOBJ1	106.97	Before	Interior Girder 6	50.55	0.95	1	1	2.561525
Annual Permit 1_str	BOBJ1	106.97	Before	Right Exterior Girder	50.55	0.95	1	1	3.249409
Annual Permit 1_str	BOBJ1	106.97	After	Left Exterior Girder	50.55	0.95	1	1	3.218434
Annual Permit 1_str	BOBJ1	106.97	After	Interior Girder 1	50.55	0.95	1	1	2.571472
Annual Permit 1_str	BOBJ1	106.97	After	Interior Girder 2	50.55	0.95	1	1	2.548386
Annual Permit 1_str	BOBJ1	106.97	After	Interior Girder 3	50.55	0.95	1	1	2.351068
Annual Permit 1_str	BOBJ1	106.97	After	Interior Girder 4	50.55	0.95	1	1	2.351068
Annual Permit 1_str	BOBJ1	106.97	After	Interior Girder 5	50.55	0.95	1	1	2.548386
Annual Permit 1_str	BOBJ1	106.97	After	Interior Girder 6	50.55	0.95	1	1	2.571472
Annual Permit 1_str	BOBJ1	106.97	After	Right Exterior Girder	50.55	0.95	1	1	3.218434
Annual Permit 1_str	BOBJ1	112.5933	Before	Left Exterior Girder	56.1733	0.95	1	1	2.554829
Annual Permit 1_str	BOBJ1	112.5933	Before	Interior Girder 1	56.1733	0.95	1	1	2.663355
Annual Permit 1_str	BOBJ1	112.5933	Before	Interior Girder 2	56.1733	0.95	1	1	2.851226
Annual Permit 1_str	BOBJ1	112.5933	Before	Interior Girder 3	56.1733	0.95	1	1	2.750146
Annual Permit 1_str	BOBJ1	112.5933	Before	Interior Girder 4	56.1733	0.95	1	1	2.750146
Annual Permit 1_str	BOBJ1	112.5933	Before	Interior Girder 5	56.1733	0.95	1	1	2.851226
Annual Permit 1_str	BOBJ1	112.5933	Before	Interior Girder 6	56.1733	0.95	1	1	2.663355
Annual Permit 1_str	BOBJ1	112.5933	Before	Right Exterior Girder	56.1733	0.95	1	1	2.554829
Annual Permit 1_str	BOBJ1	112.5933	After	Left Exterior Girder	56.1733	0.95	1	1	2.58709
Annual Permit 1_str	BOBJ1	112.5933	After	Interior Girder 1	56.1733	0.95	1	1	2.653305
Annual Permit 1_str	BOBJ1	112.5933	After	Interior Girder 2	56.1733	0.95	1	1	2.850151
Annual Permit 1_str	BOBJ1	112.5933	After	Interior Girder 3	56.1733	0.95	1	1	2.80841
Annual Permit 1_str	BOBJ1	112.5933	After	Interior Girder 4	56.1733	0.95	1	1	2.80841
Annual Permit 1_str	BOBJ1	112.5933	After	Interior Girder 5	56.1733	0.95	1	1	2.850151
Annual Permit 1_str	BOBJ1	112.5933	After	Interior Girder 6	56.1733	0.95	1	1	2.653305
Annual Permit 1_str	BOBJ1	112.5933	After	Right Exterior Girder	56.1733	0.95	1	1	2.58709
Annual Permit 1_str	BOBJ1	115.3396	Before	Left Exterior Girder	58.9196	0.95	1	1	1.919738
Annual Permit 1_str	BOBJ1	115.3396	Before	Right Exterior Girder	58.9196	0.95	1	1	1.919738
Annual Permit 1_str	BOBJ1	115.3396	After	Left Exterior Girder	58.9196	0.95	1	1	4.343833
Annual Permit 1_str	BOBJ1	115.3396	After	Right Exterior Girder	58.9196	0.95	1	1	4.343833
Annual Permit 1_str	BOBJ1	118.2167	Before	Left Exterior Girder	61.7967	0.95	1	1	3.131616
Annual Permit 1_str	BOBJ1	118.2167	Before	Interior Girder 1	61.9198	0.95	1	1	1.366817
Annual Permit 1_str	BOBJ1	118.2167	Before	Interior Girder 2	61.9198	0.95	1	1	1.432542
Annual Permit 1_str	BOBJ1	118.2167	Before	Interior Girder 3	61.9198	0.95	1	1	1.216436
Annual Permit 1_str	BOBJ1	118.2167	Before	Interior Girder 4	61.9198	0.95	1	1	1.216436
Annual Permit 1_str	BOBJ1	118.2167	Before	Interior Girder 5	61.9198	0.95	1	1	1.432542
Annual Permit 1_str	BOBJ1	118.2167	Before	Interior Girder 6	61.9198	0.95	1	1	1.366817
Annual Permit 1_str	BOBJ1	118.2167	Before	Right Exterior Girder	61.7967	0.95	1	1	3.131616
Annual Permit 1_str	BOBJ1	118.2167	After	Left Exterior Girder	61.7967	0.95	1	1	3.15529
Annual Permit 1_str	BOBJ1	118.2167	After	Interior Girder 1	61.9198	0.95	1	1	2.109396
Annual Permit 1_str	BOBJ1	118.2167	After	Interior Girder 2	61.9198	0.95	1	1	2.199496
Annual Permit 1_str	BOBJ1	118.2167	After	Interior Girder 3	61.9198	0.95	1	1	1.919084
Annual Permit 1_str	BOBJ1	118.2167	After	Interior Girder 4	61.9198	0.95	1	1	1.919084
Annual Permit 1_str	BOBJ1	118.2167	After	Interior Girder 5	61.9198	0.95	1	1	2.199496
Annual Permit 1_str	BOBJ1	118.2167	After	Interior Girder 6	61.9198	0.95	1	1	2.109396
Annual Permit 1_str	BOBJ1	118.2167	After	Right Exterior Girder	61.7967	0.95	1	1	3.15529

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelINonCompStrgth-Flx - Approach, Span 12-1									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Annual Permit 1_str	BOBJ1	123.84	Before	Left Exterior Girder	67.42	0.95	1	1	1.610294
Annual Permit 1_str	BOBJ1	123.84	Before	Interior Girder 1	67.42	0.95	1	1	1.064149
Annual Permit 1_str	BOBJ1	123.84	Before	Interior Girder 2	67.42	0.95	1	1	1.108907
Annual Permit 1_str	BOBJ1	123.84	Before	Interior Girder 3	67.42	0.95	1	1	0.899281
Annual Permit 1_str	BOBJ1	123.84	Before	Interior Girder 4	67.42	0.95	1	1	0.899281
Annual Permit 1_str	BOBJ1	123.84	Before	Interior Girder 5	67.42	0.95	1	1	1.108907
Annual Permit 1_str	BOBJ1	123.84	Before	Interior Girder 6	67.42	0.95	1	1	1.064149
Annual Permit 1_str	BOBJ1	123.84	Before	Right Exterior Girder	67.42	0.95	1	1	1.610294
Annual Permit 1_str	BOBJ1	123.84	After	Left Exterior Girder	0	0.95	1	1	1.724373
Annual Permit 1_str	BOBJ1	123.84	After	Interior Girder 1	0	0.95	1	1	1.157561
Annual Permit 1_str	BOBJ1	123.84	After	Interior Girder 2	0	0.95	1	1	1.201041
Annual Permit 1_str	BOBJ1	123.84	After	Interior Girder 3	0	0.95	1	1	0.975297
Annual Permit 1_str	BOBJ1	123.84	After	Interior Girder 4	0	0.95	1	1	0.975297
Annual Permit 1_str	BOBJ1	123.84	After	Interior Girder 5	0	0.95	1	1	1.201041
Annual Permit 1_str	BOBJ1	123.84	After	Interior Girder 6	0	0.95	1	1	1.157561
Annual Permit 1_str	BOBJ1	123.84	After	Right Exterior Girder	0	0.95	1	1	1.724373
Annual Permit 1_str	BOBJ1	129.34	Before	Interior Girder 1	5.5	0.95	1	1	2.188339
Annual Permit 1_str	BOBJ1	129.34	Before	Interior Girder 2	5.5	0.95	1	1	2.274036
Annual Permit 1_str	BOBJ1	129.34	Before	Interior Girder 3	5.5	0.95	1	1	1.987184
Annual Permit 1_str	BOBJ1	129.34	Before	Interior Girder 4	5.5	0.95	1	1	1.987184
Annual Permit 1_str	BOBJ1	129.34	Before	Interior Girder 5	5.5	0.95	1	1	2.274036
Annual Permit 1_str	BOBJ1	129.34	Before	Interior Girder 6	5.5	0.95	1	1	2.188339
Annual Permit 1_str	BOBJ1	129.34	After	Interior Girder 1	5.5	0.95	1	1	1.424068
Annual Permit 1_str	BOBJ1	129.34	After	Interior Girder 2	5.5	0.95	1	1	1.499062
Annual Permit 1_str	BOBJ1	129.34	After	Interior Girder 3	5.5	0.95	1	1	1.285185
Annual Permit 1_str	BOBJ1	129.34	After	Interior Girder 4	5.5	0.95	1	1	1.285185
Annual Permit 1_str	BOBJ1	129.34	After	Interior Girder 5	5.5	0.95	1	1	1.499062
Annual Permit 1_str	BOBJ1	129.34	After	Interior Girder 6	5.5	0.95	1	1	1.424068
Annual Permit 1_str	BOBJ1	130.79	Before	Left Exterior Girder	6.95	0.95	1	1	3.878651
Annual Permit 1_str	BOBJ1	130.79	Before	Interior Girder 1	6.95	0.95	1	1	1.795949
Annual Permit 1_str	BOBJ1	130.79	Before	Interior Girder 2	6.95	0.95	1	1	1.843976
Annual Permit 1_str	BOBJ1	130.79	Before	Interior Girder 3	6.95	0.95	1	1	1.618327
Annual Permit 1_str	BOBJ1	130.79	Before	Interior Girder 4	6.95	0.95	1	1	1.618327
Annual Permit 1_str	BOBJ1	130.79	Before	Interior Girder 5	6.95	0.95	1	1	1.843976
Annual Permit 1_str	BOBJ1	130.79	Before	Interior Girder 6	6.95	0.95	1	1	1.795949
Annual Permit 1_str	BOBJ1	130.79	Before	Right Exterior Girder	6.95	0.95	1	1	3.878651
Annual Permit 1_str	BOBJ1	130.79	After	Left Exterior Girder	6.95	0.95	1	1	3.904007
Annual Permit 1_str	BOBJ1	130.79	After	Interior Girder 1	6.95	0.95	1	1	1.771213
Annual Permit 1_str	BOBJ1	130.79	After	Interior Girder 2	6.95	0.95	1	1	1.803703
Annual Permit 1_str	BOBJ1	130.79	After	Interior Girder 3	6.95	0.95	1	1	1.564477
Annual Permit 1_str	BOBJ1	130.79	After	Interior Girder 4	6.95	0.95	1	1	1.564477
Annual Permit 1_str	BOBJ1	130.79	After	Interior Girder 5	6.95	0.95	1	1	1.803703
Annual Permit 1_str	BOBJ1	130.79	After	Interior Girder 6	6.95	0.95	1	1	1.771213
Annual Permit 1_str	BOBJ1	130.79	After	Right Exterior Girder	6.95	0.95	1	1	3.904007
Annual Permit 1_str	BOBJ1	132.34	Before	Left Exterior Girder	8.5	0.95	1	1	4.708432
Annual Permit 1_str	BOBJ1	132.34	Before	Right Exterior Girder	8.5	0.95	1	1	4.708432
Annual Permit 1_str	BOBJ1	132.34	After	Left Exterior Girder	8.5	0.95	1	1	2.050041
Annual Permit 1_str	BOBJ1	132.34	After	Right Exterior Girder	8.5	0.95	1	1	2.050041
Annual Permit 1_str	BOBJ1	137.74	Before	Left Exterior Girder	13.9	0.95	1	1	3.30923
Annual Permit 1_str	BOBJ1	137.74	Before	Interior Girder 1	13.9	0.95	1	1	3.312133
Annual Permit 1_str	BOBJ1	137.74	Before	Interior Girder 2	13.9	0.95	1	1	3.188228
Annual Permit 1_str	BOBJ1	137.74	Before	Interior Girder 3	13.9	0.95	1	1	2.889524
Annual Permit 1_str	BOBJ1	137.74	Before	Interior Girder 4	13.9	0.95	1	1	2.889524
Annual Permit 1_str	BOBJ1	137.74	Before	Interior Girder 5	13.9	0.95	1	1	3.188228
Annual Permit 1_str	BOBJ1	137.74	Before	Interior Girder 6	13.9	0.95	1	1	3.312133
Annual Permit 1_str	BOBJ1	137.74	Before	Right Exterior Girder	13.9	0.95	1	1	3.30923
Annual Permit 1_str	BOBJ1	137.74	After	Left Exterior Girder	13.9	0.95	1	1	3.609307
Annual Permit 1_str	BOBJ1	137.74	After	Interior Girder 1	13.9	0.95	1	1	3.286087
Annual Permit 1_str	BOBJ1	137.74	After	Interior Girder 2	13.9	0.95	1	1	3.223409
Annual Permit 1_str	BOBJ1	137.74	After	Interior Girder 3	13.9	0.95	1	1	2.983222
Annual Permit 1_str	BOBJ1	137.74	After	Interior Girder 4	13.9	0.95	1	1	2.983222
Annual Permit 1_str	BOBJ1	137.74	After	Interior Girder 5	13.9	0.95	1	1	3.223409
Annual Permit 1_str	BOBJ1	137.74	After	Interior Girder 6	13.9	0.95	1	1	3.286087
Annual Permit 1_str	BOBJ1	137.74	After	Right Exterior Girder	13.9	0.95	1	1	3.609307
Annual Permit 1_str	BOBJ1	143.7733	Before	Left Exterior Girder	19.9333	0.95	1	1	2.615544

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelINonCompStrgth-Flx - Approach, Span 12-1									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Annual Permit 1_str	BOBJ1	143.7733	Before	Interior Girder 1	19.9333	0.95	1	1	1.971922
Annual Permit 1_str	BOBJ1	143.7733	Before	Interior Girder 2	19.9333	0.95	1	1	1.980307
Annual Permit 1_str	BOBJ1	143.7733	Before	Interior Girder 3	19.9333	0.95	1	1	1.817039
Annual Permit 1_str	BOBJ1	143.7733	Before	Interior Girder 4	19.9333	0.95	1	1	1.817039
Annual Permit 1_str	BOBJ1	143.7733	Before	Interior Girder 5	19.9333	0.95	1	1	1.980307
Annual Permit 1_str	BOBJ1	143.7733	Before	Interior Girder 6	19.9333	0.95	1	1	1.971922
Annual Permit 1_str	BOBJ1	143.7733	Before	Right Exterior Girder	19.9333	0.95	1	1	2.615544
Annual Permit 1_str	BOBJ1	143.7733	After	Left Exterior Girder	19.9333	0.95	1	1	2.675115
Annual Permit 1_str	BOBJ1	143.7733	After	Interior Girder 1	19.9333	0.95	1	1	1.948266
Annual Permit 1_str	BOBJ1	143.7733	After	Interior Girder 2	19.9333	0.95	1	1	1.976125
Annual Permit 1_str	BOBJ1	143.7733	After	Interior Girder 3	19.9333	0.95	1	1	1.840337
Annual Permit 1_str	BOBJ1	143.7733	After	Interior Girder 4	19.9333	0.95	1	1	1.840337
Annual Permit 1_str	BOBJ1	143.7733	After	Interior Girder 5	19.9333	0.95	1	1	1.976125
Annual Permit 1_str	BOBJ1	143.7733	After	Interior Girder 6	19.9333	0.95	1	1	1.948266
Annual Permit 1_str	BOBJ1	143.7733	After	Right Exterior Girder	19.9333	0.95	1	1	2.675115
Annual Permit 1_str	BOBJ1	149.8067	Before	Left Exterior Girder	25.9667	0.95	1	1	1.878517
Annual Permit 1_str	BOBJ1	149.8067	Before	Interior Girder 1	25.9667	0.95	1	1	1.519793
Annual Permit 1_str	BOBJ1	149.8067	Before	Interior Girder 2	25.9667	0.95	1	1	1.582097
Annual Permit 1_str	BOBJ1	149.8067	Before	Interior Girder 3	25.9667	0.95	1	1	1.46732
Annual Permit 1_str	BOBJ1	149.8067	Before	Interior Girder 4	25.9667	0.95	1	1	1.46732
Annual Permit 1_str	BOBJ1	149.8067	Before	Interior Girder 5	25.9667	0.95	1	1	1.582097
Annual Permit 1_str	BOBJ1	149.8067	Before	Interior Girder 6	25.9667	0.95	1	1	1.519793
Annual Permit 1_str	BOBJ1	149.8067	Before	Right Exterior Girder	25.9667	0.95	1	1	1.878517
Annual Permit 1_str	BOBJ1	149.8067	After	Left Exterior Girder	25.9667	0.95	1	1	1.883506
Annual Permit 1_str	BOBJ1	149.8067	After	Interior Girder 1	25.9667	0.95	1	1	1.5202
Annual Permit 1_str	BOBJ1	149.8067	After	Interior Girder 2	25.9667	0.95	1	1	1.587163
Annual Permit 1_str	BOBJ1	149.8067	After	Interior Girder 3	25.9667	0.95	1	1	1.485455
Annual Permit 1_str	BOBJ1	149.8067	After	Interior Girder 4	25.9667	0.95	1	1	1.485455
Annual Permit 1_str	BOBJ1	149.8067	After	Interior Girder 5	25.9667	0.95	1	1	1.587163
Annual Permit 1_str	BOBJ1	149.8067	After	Interior Girder 6	25.9667	0.95	1	1	1.5202
Annual Permit 1_str	BOBJ1	149.8067	After	Right Exterior Girder	25.9667	0.95	1	1	1.883506
Annual Permit 1_str	BOBJ1	155.84	Before	Left Exterior Girder	32	0.95	1	1	1.579761
Annual Permit 1_str	BOBJ1	155.84	Before	Interior Girder 1	32	0.95	1	1	1.447962
Annual Permit 1_str	BOBJ1	155.84	Before	Interior Girder 2	32	0.95	1	1	1.521671
Annual Permit 1_str	BOBJ1	155.84	Before	Interior Girder 3	32	0.95	1	1	1.472669
Annual Permit 1_str	BOBJ1	155.84	Before	Interior Girder 4	32	0.95	1	1	1.472669
Annual Permit 1_str	BOBJ1	155.84	Before	Interior Girder 5	32	0.95	1	1	1.521671
Annual Permit 1_str	BOBJ1	155.84	Before	Interior Girder 6	32	0.95	1	1	1.447962
Annual Permit 1_str	BOBJ1	155.84	Before	Right Exterior Girder	32	0.95	1	1	1.579761
Annual Permit 1_str	BOBJ1	155.84	After	Left Exterior Girder	32	0.95	1	1	1.589779
Annual Permit 1_str	BOBJ1	155.84	After	Interior Girder 1	32	0.95	1	1	1.44355
Annual Permit 1_str	BOBJ1	155.84	After	Interior Girder 2	32	0.95	1	1	1.515498
Annual Permit 1_str	BOBJ1	155.84	After	Interior Girder 3	32	0.95	1	1	1.466465
Annual Permit 1_str	BOBJ1	155.84	After	Interior Girder 4	32	0.95	1	1	1.466465
Annual Permit 1_str	BOBJ1	155.84	After	Interior Girder 5	32	0.95	1	1	1.515498
Annual Permit 1_str	BOBJ1	155.84	After	Interior Girder 6	32	0.95	1	1	1.44355
Annual Permit 1_str	BOBJ1	155.84	After	Right Exterior Girder	32	0.95	1	1	1.589779
Annual Permit 1_str	BOBJ1	161.8733	Before	Left Exterior Girder	38.0333	0.95	1	1	1.703088
Annual Permit 1_str	BOBJ1	161.8733	Before	Interior Girder 1	38.0333	0.95	1	1	1.414861
Annual Permit 1_str	BOBJ1	161.8733	Before	Interior Girder 2	38.0333	0.95	1	1	1.478396
Annual Permit 1_str	BOBJ1	161.8733	Before	Interior Girder 3	38.0333	0.95	1	1	1.390432
Annual Permit 1_str	BOBJ1	161.8733	Before	Interior Girder 4	38.0333	0.95	1	1	1.390432
Annual Permit 1_str	BOBJ1	161.8733	Before	Interior Girder 5	38.0333	0.95	1	1	1.478396
Annual Permit 1_str	BOBJ1	161.8733	Before	Interior Girder 6	38.0333	0.95	1	1	1.414861
Annual Permit 1_str	BOBJ1	161.8733	Before	Right Exterior Girder	38.0333	0.95	1	1	1.703088
Annual Permit 1_str	BOBJ1	161.8733	After	Left Exterior Girder	38.0333	0.95	1	1	1.704153
Annual Permit 1_str	BOBJ1	161.8733	After	Interior Girder 1	38.0333	0.95	1	1	1.406949
Annual Permit 1_str	BOBJ1	161.8733	After	Interior Girder 2	38.0333	0.95	1	1	1.472252
Annual Permit 1_str	BOBJ1	161.8733	After	Interior Girder 3	38.0333	0.95	1	1	1.379264
Annual Permit 1_str	BOBJ1	161.8733	After	Interior Girder 4	38.0333	0.95	1	1	1.379264
Annual Permit 1_str	BOBJ1	161.8733	After	Interior Girder 5	38.0333	0.95	1	1	1.472252
Annual Permit 1_str	BOBJ1	161.8733	After	Interior Girder 6	38.0333	0.95	1	1	1.406949
Annual Permit 1_str	BOBJ1	161.8733	After	Right Exterior Girder	38.0333	0.95	1	1	1.704153
Annual Permit 1_str	BOBJ1	167.9067	Before	Left Exterior Girder	44.0667	0.95	1	1	2.120831
Annual Permit 1_str	BOBJ1	167.9067	Before	Interior Girder 1	44.0667	0.95	1	1	1.652509

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelINonCompStrgth-Flx - Approach, Span 12-1									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Annual Permit 1_str	BOBJ1	167.9067	Before	Interior Girder 2	44.0667	0.95	1	1	1.697536
Annual Permit 1_str	BOBJ1	167.9067	Before	Interior Girder 3	44.0667	0.95	1	1	1.581755
Annual Permit 1_str	BOBJ1	167.9067	Before	Interior Girder 4	44.0667	0.95	1	1	1.581755
Annual Permit 1_str	BOBJ1	167.9067	Before	Interior Girder 5	44.0667	0.95	1	1	1.697536
Annual Permit 1_str	BOBJ1	167.9067	Before	Interior Girder 6	44.0667	0.95	1	1	1.652509
Annual Permit 1_str	BOBJ1	167.9067	Before	Right Exterior Girder	44.0667	0.95	1	1	2.120831
Annual Permit 1_str	BOBJ1	167.9067	After	Left Exterior Girder	44.0667	0.95	1	1	2.078836
Annual Permit 1_str	BOBJ1	167.9067	After	Interior Girder 1	44.0667	0.95	1	1	1.671501
Annual Permit 1_str	BOBJ1	167.9067	After	Interior Girder 2	44.0667	0.95	1	1	1.707146
Annual Permit 1_str	BOBJ1	167.9067	After	Interior Girder 3	44.0667	0.95	1	1	1.573401
Annual Permit 1_str	BOBJ1	167.9067	After	Interior Girder 4	44.0667	0.95	1	1	1.573401
Annual Permit 1_str	BOBJ1	167.9067	After	Interior Girder 5	44.0667	0.95	1	1	1.707146
Annual Permit 1_str	BOBJ1	167.9067	After	Interior Girder 6	44.0667	0.95	1	1	1.671501
Annual Permit 1_str	BOBJ1	167.9067	After	Right Exterior Girder	44.0667	0.95	1	1	2.078836
Annual Permit 1_str	BOBJ1	173.94	Before	Left Exterior Girder	50.1	0.95	1	1	3.110868
Annual Permit 1_str	BOBJ1	173.94	Before	Interior Girder 1	50.1	0.95	1	1	2.445395
Annual Permit 1_str	BOBJ1	173.94	Before	Interior Girder 2	50.1	0.95	1	1	2.433784
Annual Permit 1_str	BOBJ1	173.94	Before	Interior Girder 3	50.1	0.95	1	1	2.289123
Annual Permit 1_str	BOBJ1	173.94	Before	Interior Girder 4	50.1	0.95	1	1	2.289123
Annual Permit 1_str	BOBJ1	173.94	Before	Interior Girder 5	50.1	0.95	1	1	2.433784
Annual Permit 1_str	BOBJ1	173.94	Before	Interior Girder 6	50.1	0.95	1	1	2.445395
Annual Permit 1_str	BOBJ1	173.94	Before	Right Exterior Girder	50.1	0.95	1	1	3.110868
Annual Permit 1_str	BOBJ1	173.94	After	Left Exterior Girder	50.1	0.95	1	1	3.073085
Annual Permit 1_str	BOBJ1	173.94	After	Interior Girder 1	50.1	0.95	1	1	2.455103
Annual Permit 1_str	BOBJ1	173.94	After	Interior Girder 2	50.1	0.95	1	1	2.423409
Annual Permit 1_str	BOBJ1	173.94	After	Interior Girder 3	50.1	0.95	1	1	2.228533
Annual Permit 1_str	BOBJ1	173.94	After	Interior Girder 4	50.1	0.95	1	1	2.228533
Annual Permit 1_str	BOBJ1	173.94	After	Interior Girder 5	50.1	0.95	1	1	2.423409
Annual Permit 1_str	BOBJ1	173.94	After	Interior Girder 6	50.1	0.95	1	1	2.455103
Annual Permit 1_str	BOBJ1	173.94	After	Right Exterior Girder	50.1	0.95	1	1	3.073085
Annual Permit 1_str	BOBJ1	179.98	Before	Left Exterior Girder	56.14	0.95	1	1	3.333955
Annual Permit 1_str	BOBJ1	179.98	Before	Interior Girder 1	56.14	0.95	1	1	3.340258
Annual Permit 1_str	BOBJ1	179.98	Before	Interior Girder 2	56.14	0.95	1	1	3.499597
Annual Permit 1_str	BOBJ1	179.98	Before	Interior Girder 3	56.14	0.95	1	1	3.281543
Annual Permit 1_str	BOBJ1	179.98	Before	Interior Girder 4	56.14	0.95	1	1	3.281543
Annual Permit 1_str	BOBJ1	179.98	Before	Interior Girder 5	56.14	0.95	1	1	3.499597
Annual Permit 1_str	BOBJ1	179.98	Before	Interior Girder 6	56.14	0.95	1	1	3.340258
Annual Permit 1_str	BOBJ1	179.98	Before	Right Exterior Girder	56.14	0.95	1	1	3.333955
Annual Permit 1_str	BOBJ1	179.98	After	Left Exterior Girder	56.14	0.95	1	1	3.395381
Annual Permit 1_str	BOBJ1	179.98	After	Interior Girder 1	56.14	0.95	1	1	3.327154
Annual Permit 1_str	BOBJ1	179.98	After	Interior Girder 2	56.14	0.95	1	1	3.498041
Annual Permit 1_str	BOBJ1	179.98	After	Interior Girder 3	56.14	0.95	1	1	3.346099
Annual Permit 1_str	BOBJ1	179.98	After	Interior Girder 4	56.14	0.95	1	1	3.346099
Annual Permit 1_str	BOBJ1	179.98	After	Interior Girder 5	56.14	0.95	1	1	3.498041
Annual Permit 1_str	BOBJ1	179.98	After	Interior Girder 6	56.14	0.95	1	1	3.327154
Annual Permit 1_str	BOBJ1	179.98	After	Right Exterior Girder	56.14	0.95	1	1	3.395381
Annual Permit 1_str	BOBJ1	183.56	Before	Left Exterior Girder	59.72	0.95	1	1	2.111257
Annual Permit 1_str	BOBJ1	183.56	Before	Right Exterior Girder	59.72	0.95	1	1	2.111257
Annual Permit 1_str	BOBJ1	183.56	After	Left Exterior Girder	59.72	0.95	1	1	5.207466
Annual Permit 1_str	BOBJ1	183.56	After	Right Exterior Girder	59.72	0.95	1	1	5.207466
Annual Permit 1_str	BOBJ1	186.02	Before	Left Exterior Girder	62.18	0.95	1	1	3.719556
Annual Permit 1_str	BOBJ1	186.02	Before	Interior Girder 1	62.22	0.95	1	1	1.487721
Annual Permit 1_str	BOBJ1	186.02	Before	Interior Girder 2	62.22	0.95	1	1	1.548212
Annual Permit 1_str	BOBJ1	186.02	Before	Interior Girder 3	62.22	0.95	1	1	1.297265
Annual Permit 1_str	BOBJ1	186.02	Before	Interior Girder 4	62.22	0.95	1	1	1.297265
Annual Permit 1_str	BOBJ1	186.02	Before	Interior Girder 5	62.22	0.95	1	1	1.548212
Annual Permit 1_str	BOBJ1	186.02	Before	Interior Girder 6	62.22	0.95	1	1	1.487721
Annual Permit 1_str	BOBJ1	186.02	Before	Right Exterior Girder	62.18	0.95	1	1	3.719556
Annual Permit 1_str	BOBJ1	186.02	After	Left Exterior Girder	62.18	0.95	1	1	3.75538
Annual Permit 1_str	BOBJ1	186.02	After	Interior Girder 1	62.22	0.95	1	1	2.441822
Annual Permit 1_str	BOBJ1	186.02	After	Interior Girder 2	62.22	0.95	1	1	2.523313
Annual Permit 1_str	BOBJ1	186.02	After	Interior Girder 3	62.22	0.95	1	1	2.17902
Annual Permit 1_str	BOBJ1	186.02	After	Interior Girder 4	62.22	0.95	1	1	2.17902
Annual Permit 1_str	BOBJ1	186.02	After	Interior Girder 5	62.22	0.95	1	1	2.523313
Annual Permit 1_str	BOBJ1	186.02	After	Interior Girder 6	62.22	0.95	1	1	2.441822

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelINonCompStrgth-Flx - Approach, Span 12-1									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Annual Permit 1_str	BOBJ1	186.02	After	Right Exterior Girder	62.18	0.95	1	1	3.75538
Annual Permit 1_str	BOBJ1	192.06	Before	Left Exterior Girder	68.22	0.95	1	1	1.721497
Annual Permit 1_str	BOBJ1	192.06	Before	Interior Girder 1	68.22	0.95	1	1	1.14046
Annual Permit 1_str	BOBJ1	192.06	Before	Interior Girder 2	68.22	0.95	1	1	1.183988
Annual Permit 1_str	BOBJ1	192.06	Before	Interior Girder 3	68.22	0.95	1	1	0.954258
Annual Permit 1_str	BOBJ1	192.06	Before	Interior Girder 4	68.22	0.95	1	1	0.954258
Annual Permit 1_str	BOBJ1	192.06	Before	Interior Girder 5	68.22	0.95	1	1	1.183988
Annual Permit 1_str	BOBJ1	192.06	Before	Interior Girder 6	68.22	0.95	1	1	1.14046
Annual Permit 1_str	BOBJ1	192.06	Before	Right Exterior Girder	68.22	0.95	1	1	1.721497
Annual Permit 1_str	BOBJ1	192.06	After	Left Exterior Girder	0	0.95	1	1	2.213065
Annual Permit 1_str	BOBJ1	192.06	After	Interior Girder 1	0	0.95	1	1	1.468761
Annual Permit 1_str	BOBJ1	192.06	After	Interior Girder 2	0	0.95	1	1	1.51159
Annual Permit 1_str	BOBJ1	192.06	After	Interior Girder 3	0	0.95	1	1	1.229953
Annual Permit 1_str	BOBJ1	192.06	After	Interior Girder 4	0	0.95	1	1	1.229953
Annual Permit 1_str	BOBJ1	192.06	After	Interior Girder 5	0	0.95	1	1	1.51159
Annual Permit 1_str	BOBJ1	192.06	After	Interior Girder 6	0	0.95	1	1	1.468761
Annual Permit 1_str	BOBJ1	192.06	After	Right Exterior Girder	0	0.95	1	1	2.213065
Annual Permit 1_str	BOBJ1	197.087	Before	Interior Girder 1	5.027	0.95	1	1	2.606989
Annual Permit 1_str	BOBJ1	197.087	Before	Interior Girder 2	5.027	0.95	1	1	2.692668
Annual Permit 1_str	BOBJ1	197.087	Before	Interior Girder 3	5.027	0.95	1	1	2.402313
Annual Permit 1_str	BOBJ1	197.087	Before	Interior Girder 4	5.027	0.95	1	1	2.402313
Annual Permit 1_str	BOBJ1	197.087	Before	Interior Girder 5	5.027	0.95	1	1	2.692668
Annual Permit 1_str	BOBJ1	197.087	Before	Interior Girder 6	5.027	0.95	1	1	2.606989
Annual Permit 1_str	BOBJ1	197.087	After	Interior Girder 1	5.027	0.95	1	1	1.598136
Annual Permit 1_str	BOBJ1	197.087	After	Interior Girder 2	5.027	0.95	1	1	1.666392
Annual Permit 1_str	BOBJ1	197.087	After	Interior Girder 3	5.027	0.95	1	1	1.46872
Annual Permit 1_str	BOBJ1	197.087	After	Interior Girder 4	5.027	0.95	1	1	1.46872
Annual Permit 1_str	BOBJ1	197.087	After	Interior Girder 5	5.027	0.95	1	1	1.666392
Annual Permit 1_str	BOBJ1	197.087	After	Interior Girder 6	5.027	0.95	1	1	1.598136
Annual Permit 1_str	BOBJ1	197.91	Before	Left Exterior Girder	5.85	0.95	1	1	4.135345
Annual Permit 1_str	BOBJ1	197.91	Before	Interior Girder 1	5.85	0.95	1	1	1.827901
Annual Permit 1_str	BOBJ1	197.91	Before	Interior Girder 2	5.85	0.95	1	1	1.880127
Annual Permit 1_str	BOBJ1	197.91	Before	Interior Girder 3	5.85	0.95	1	1	1.694113
Annual Permit 1_str	BOBJ1	197.91	Before	Interior Girder 4	5.85	0.95	1	1	1.694113
Annual Permit 1_str	BOBJ1	197.91	Before	Interior Girder 5	5.85	0.95	1	1	1.880127
Annual Permit 1_str	BOBJ1	197.91	Before	Interior Girder 6	5.85	0.95	1	1	1.827901
Annual Permit 1_str	BOBJ1	197.91	Before	Right Exterior Girder	5.85	0.95	1	1	4.135345
Annual Permit 1_str	BOBJ1	197.91	After	Left Exterior Girder	5.85	0.95	1	1	3.488361
Annual Permit 1_str	BOBJ1	197.91	After	Interior Girder 1	5.85	0.95	1	1	1.511135
Annual Permit 1_str	BOBJ1	197.91	After	Interior Girder 2	5.85	0.95	1	1	1.552944
Annual Permit 1_str	BOBJ1	197.91	After	Interior Girder 3	5.85	0.95	1	1	1.376811
Annual Permit 1_str	BOBJ1	197.91	After	Interior Girder 4	5.85	0.95	1	1	1.376811
Annual Permit 1_str	BOBJ1	197.91	After	Interior Girder 5	5.85	0.95	1	1	1.552944
Annual Permit 1_str	BOBJ1	197.91	After	Interior Girder 6	5.85	0.95	1	1	1.511135
Annual Permit 1_str	BOBJ1	197.91	After	Right Exterior Girder	5.85	0.95	1	1	3.488361
Annual Permit 1_str	BOBJ1	199.1816	Before	Left Exterior Girder	7.1216	0.95	1	1	3.965114
Annual Permit 1_str	BOBJ1	199.1816	Before	Right Exterior Girder	7.1216	0.95	1	1	3.965114
Annual Permit 1_str	BOBJ1	199.1816	After	Left Exterior Girder	7.1216	0.95	1	1	1.578621
Annual Permit 1_str	BOBJ1	199.1816	After	Right Exterior Girder	7.1216	0.95	1	1	1.578621
Annual Permit 1_str	BOBJ1	203.5267	Before	Left Exterior Girder	11.3107	0.95	1	1	2.372447
Annual Permit 1_str	BOBJ1	203.5267	Before	Interior Girder 1	11.3107	0.95	1	1	2.517948
Annual Permit 1_str	BOBJ1	203.5267	Before	Interior Girder 2	11.3107	0.95	1	1	2.692499
Annual Permit 1_str	BOBJ1	203.5267	Before	Interior Girder 3	11.3107	0.95	1	1	2.741732
Annual Permit 1_str	BOBJ1	203.5267	Before	Interior Girder 4	11.3107	0.95	1	1	2.741732
Annual Permit 1_str	BOBJ1	203.5267	Before	Interior Girder 5	11.3107	0.95	1	1	2.692499
Annual Permit 1_str	BOBJ1	203.5267	Before	Interior Girder 6	11.3107	0.95	1	1	2.517948
Annual Permit 1_str	BOBJ1	203.5267	Before	Right Exterior Girder	11.3107	0.95	1	1	2.372447
Annual Permit 1_str	BOBJ1	203.5267	After	Left Exterior Girder	11.3107	0.95	1	1	3.816453
Annual Permit 1_str	BOBJ1	203.5267	After	Interior Girder 1	11.3107	0.95	1	1	4.003866
Annual Permit 1_str	BOBJ1	203.5267	After	Interior Girder 2	11.3107	0.95	1	1	4.312467
Annual Permit 1_str	BOBJ1	203.5267	After	Interior Girder 3	11.3107	0.95	1	1	4.386937
Annual Permit 1_str	BOBJ1	203.5267	After	Interior Girder 4	11.3107	0.95	1	1	4.386937
Annual Permit 1_str	BOBJ1	203.5267	After	Interior Girder 5	11.3107	0.95	1	1	4.312467
Annual Permit 1_str	BOBJ1	203.5267	After	Interior Girder 6	11.3107	0.95	1	1	4.003866
Annual Permit 1_str	BOBJ1	203.5267	After	Right Exterior Girder	11.3107	0.95	1	1	3.816453

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelINonCompStrgth-Flx - Approach, Span 12-1									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Annual Permit 1_str	BOBJ1	209.1433	Before	Left Exterior Girder	17.0833	0.95	1	1	4.305549
Annual Permit 1_str	BOBJ1	209.1433	Before	Interior Girder 1	17.0833	0.95	1	1	3.103376
Annual Permit 1_str	BOBJ1	209.1433	Before	Interior Girder 2	17.0833	0.95	1	1	3.107034
Annual Permit 1_str	BOBJ1	209.1433	Before	Interior Girder 3	17.0833	0.95	1	1	2.894158
Annual Permit 1_str	BOBJ1	209.1433	Before	Interior Girder 4	17.0833	0.95	1	1	2.894158
Annual Permit 1_str	BOBJ1	209.1433	Before	Interior Girder 5	17.0833	0.95	1	1	3.107034
Annual Permit 1_str	BOBJ1	209.1433	Before	Interior Girder 6	17.0833	0.95	1	1	3.103376
Annual Permit 1_str	BOBJ1	209.1433	Before	Right Exterior Girder	17.0833	0.95	1	1	4.305549
Annual Permit 1_str	BOBJ1	209.1433	After	Left Exterior Girder	17.0833	0.95	1	1	4.281843
Annual Permit 1_str	BOBJ1	209.1433	After	Interior Girder 1	17.0833	0.95	1	1	3.121739
Annual Permit 1_str	BOBJ1	209.1433	After	Interior Girder 2	17.0833	0.95	1	1	3.160041
Annual Permit 1_str	BOBJ1	209.1433	After	Interior Girder 3	17.0833	0.95	1	1	2.973772
Annual Permit 1_str	BOBJ1	209.1433	After	Interior Girder 4	17.0833	0.95	1	1	2.973772
Annual Permit 1_str	BOBJ1	209.1433	After	Interior Girder 5	17.0833	0.95	1	1	3.160041
Annual Permit 1_str	BOBJ1	209.1433	After	Interior Girder 6	17.0833	0.95	1	1	3.121739
Annual Permit 1_str	BOBJ1	209.1433	After	Right Exterior Girder	17.0833	0.95	1	1	4.281843
Annual Permit 1_str	BOBJ1	214.76	Before	Left Exterior Girder	22.7	0.95	1	1	2.929051
Annual Permit 1_str	BOBJ1	214.76	Before	Interior Girder 1	22.7	0.95	1	1	2.438082
Annual Permit 1_str	BOBJ1	214.76	Before	Interior Girder 2	22.7	0.95	1	1	2.520448
Annual Permit 1_str	BOBJ1	214.76	Before	Interior Girder 3	22.7	0.95	1	1	2.386554
Annual Permit 1_str	BOBJ1	214.76	Before	Interior Girder 4	22.7	0.95	1	1	2.386554
Annual Permit 1_str	BOBJ1	214.76	Before	Interior Girder 5	22.7	0.95	1	1	2.520448
Annual Permit 1_str	BOBJ1	214.76	Before	Interior Girder 6	22.7	0.95	1	1	2.438082
Annual Permit 1_str	BOBJ1	214.76	Before	Right Exterior Girder	22.7	0.95	1	1	2.929051
Annual Permit 1_str	BOBJ1	214.76	After	Left Exterior Girder	22.7	0.95	1	1	2.951631
Annual Permit 1_str	BOBJ1	214.76	After	Interior Girder 1	22.7	0.95	1	1	2.428803
Annual Permit 1_str	BOBJ1	214.76	After	Interior Girder 2	22.7	0.95	1	1	2.531076
Annual Permit 1_str	BOBJ1	214.76	After	Interior Girder 3	22.7	0.95	1	1	2.408768
Annual Permit 1_str	BOBJ1	214.76	After	Interior Girder 4	22.7	0.95	1	1	2.408768
Annual Permit 1_str	BOBJ1	214.76	After	Interior Girder 5	22.7	0.95	1	1	2.531076
Annual Permit 1_str	BOBJ1	214.76	After	Interior Girder 6	22.7	0.95	1	1	2.428803
Annual Permit 1_str	BOBJ1	214.76	After	Right Exterior Girder	22.7	0.95	1	1	2.951631
Annual Permit 1_str	BOBJ1	220.3767	Before	Left Exterior Girder	28.3167	0.95	1	1	2.624299
Annual Permit 1_str	BOBJ1	220.3767	Before	Interior Girder 1	28.3167	0.95	1	1	2.088275
Annual Permit 1_str	BOBJ1	220.3767	Before	Interior Girder 2	28.3167	0.95	1	1	2.160158
Annual Permit 1_str	BOBJ1	220.3767	Before	Interior Girder 3	28.3167	0.95	1	1	2.004721
Annual Permit 1_str	BOBJ1	220.3767	Before	Interior Girder 4	28.3167	0.95	1	1	2.004721
Annual Permit 1_str	BOBJ1	220.3767	Before	Interior Girder 5	28.3167	0.95	1	1	2.160158
Annual Permit 1_str	BOBJ1	220.3767	Before	Interior Girder 6	28.3167	0.95	1	1	2.088275
Annual Permit 1_str	BOBJ1	220.3767	Before	Right Exterior Girder	28.3167	0.95	1	1	2.624299
Annual Permit 1_str	BOBJ1	220.3767	After	Left Exterior Girder	28.3167	0.95	1	1	2.640913
Annual Permit 1_str	BOBJ1	220.3767	After	Interior Girder 1	28.3167	0.95	1	1	2.083097
Annual Permit 1_str	BOBJ1	220.3767	After	Interior Girder 2	28.3167	0.95	1	1	2.158307
Annual Permit 1_str	BOBJ1	220.3767	After	Interior Girder 3	28.3167	0.95	1	1	2.013162
Annual Permit 1_str	BOBJ1	220.3767	After	Interior Girder 4	28.3167	0.95	1	1	2.013162
Annual Permit 1_str	BOBJ1	220.3767	After	Interior Girder 5	28.3167	0.95	1	1	2.158307
Annual Permit 1_str	BOBJ1	220.3767	After	Interior Girder 6	28.3167	0.95	1	1	2.083097
Annual Permit 1_str	BOBJ1	220.3767	After	Right Exterior Girder	28.3167	0.95	1	1	2.640913
Annual Permit 1_str	BOBJ1	225.9933	Before	Left Exterior Girder	33.9333	0.95	1	1	2.4941
Annual Permit 1_str	BOBJ1	225.9933	Before	Interior Girder 1	33.9333	0.95	1	1	1.970767
Annual Permit 1_str	BOBJ1	225.9933	Before	Interior Girder 2	33.9333	0.95	1	1	2.062098
Annual Permit 1_str	BOBJ1	225.9933	Before	Interior Girder 3	33.9333	0.95	1	1	1.919356
Annual Permit 1_str	BOBJ1	225.9933	Before	Interior Girder 4	33.9333	0.95	1	1	1.919356
Annual Permit 1_str	BOBJ1	225.9933	Before	Interior Girder 5	33.9333	0.95	1	1	2.062098
Annual Permit 1_str	BOBJ1	225.9933	Before	Interior Girder 6	33.9333	0.95	1	1	1.970767
Annual Permit 1_str	BOBJ1	225.9933	Before	Right Exterior Girder	33.9333	0.95	1	1	2.4941
Annual Permit 1_str	BOBJ1	225.9933	After	Left Exterior Girder	33.9333	0.95	1	1	2.477621
Annual Permit 1_str	BOBJ1	225.9933	After	Interior Girder 1	33.9333	0.95	1	1	1.977416
Annual Permit 1_str	BOBJ1	225.9933	After	Interior Girder 2	33.9333	0.95	1	1	2.062967
Annual Permit 1_str	BOBJ1	225.9933	After	Interior Girder 3	33.9333	0.95	1	1	1.915438
Annual Permit 1_str	BOBJ1	225.9933	After	Interior Girder 4	33.9333	0.95	1	1	1.915438
Annual Permit 1_str	BOBJ1	225.9933	After	Interior Girder 5	33.9333	0.95	1	1	2.062967
Annual Permit 1_str	BOBJ1	225.9933	After	Interior Girder 6	33.9333	0.95	1	1	1.977416
Annual Permit 1_str	BOBJ1	225.9933	After	Right Exterior Girder	33.9333	0.95	1	1	2.477621
Annual Permit 1_str	BOBJ1	231.61	Before	Left Exterior Girder	39.55	0.95	1	1	2.613594

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelINonCompStrgth-Flx - Approach, Span 12-1									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Annual Permit 1_str	BOBJ1	231.61	Before	Interior Girder 1	39.55	0.95	1	1	2.152115
Annual Permit 1_str	BOBJ1	231.61	Before	Interior Girder 2	39.55	0.95	1	1	2.255248
Annual Permit 1_str	BOBJ1	231.61	Before	Interior Girder 3	39.55	0.95	1	1	2.108689
Annual Permit 1_str	BOBJ1	231.61	Before	Interior Girder 4	39.55	0.95	1	1	2.108689
Annual Permit 1_str	BOBJ1	231.61	Before	Interior Girder 5	39.55	0.95	1	1	2.255248
Annual Permit 1_str	BOBJ1	231.61	Before	Interior Girder 6	39.55	0.95	1	1	2.152115
Annual Permit 1_str	BOBJ1	231.61	Before	Right Exterior Girder	39.55	0.95	1	1	2.613594
Annual Permit 1_str	BOBJ1	231.61	After	Left Exterior Girder	39.55	0.95	1	1	2.604232
Annual Permit 1_str	BOBJ1	231.61	After	Interior Girder 1	39.55	0.95	1	1	2.154508
Annual Permit 1_str	BOBJ1	231.61	After	Interior Girder 2	39.55	0.95	1	1	2.236042
Annual Permit 1_str	BOBJ1	231.61	After	Interior Girder 3	39.55	0.95	1	1	2.070991
Annual Permit 1_str	BOBJ1	231.61	After	Interior Girder 4	39.55	0.95	1	1	2.070991
Annual Permit 1_str	BOBJ1	231.61	After	Interior Girder 5	39.55	0.95	1	1	2.236042
Annual Permit 1_str	BOBJ1	231.61	After	Interior Girder 6	39.55	0.95	1	1	2.154508
Annual Permit 1_str	BOBJ1	231.61	After	Right Exterior Girder	39.55	0.95	1	1	2.604232
Annual Permit 1_str	BOBJ1	237.37	Before	Left Exterior Girder	45.31	0.95	1	1	3.58915
Annual Permit 1_str	BOBJ1	237.37	Before	Interior Girder 1	45.31	0.95	1	1	2.650214
Annual Permit 1_str	BOBJ1	237.37	Before	Interior Girder 2	45.31	0.95	1	1	2.705006
Annual Permit 1_str	BOBJ1	237.37	Before	Interior Girder 3	45.31	0.95	1	1	2.449328
Annual Permit 1_str	BOBJ1	237.37	Before	Interior Girder 4	45.31	0.95	1	1	2.449328
Annual Permit 1_str	BOBJ1	237.37	Before	Interior Girder 5	45.31	0.95	1	1	2.705006
Annual Permit 1_str	BOBJ1	237.37	Before	Interior Girder 6	45.31	0.95	1	1	2.650214
Annual Permit 1_str	BOBJ1	237.37	Before	Right Exterior Girder	45.31	0.95	1	1	3.58915
Annual Permit 1_str	BOBJ1	237.37	After	Left Exterior Girder	45.31	0.95	1	1	3.603783
Annual Permit 1_str	BOBJ1	237.37	After	Interior Girder 1	45.31	0.95	1	1	2.63726
Annual Permit 1_str	BOBJ1	237.37	After	Interior Girder 2	45.31	0.95	1	1	2.627157
Annual Permit 1_str	BOBJ1	237.37	After	Interior Girder 3	45.31	0.95	1	1	2.353549
Annual Permit 1_str	BOBJ1	237.37	After	Interior Girder 4	45.31	0.95	1	1	2.353549
Annual Permit 1_str	BOBJ1	237.37	After	Interior Girder 5	45.31	0.95	1	1	2.627157
Annual Permit 1_str	BOBJ1	237.37	After	Interior Girder 6	45.31	0.95	1	1	2.63726
Annual Permit 1_str	BOBJ1	237.37	After	Right Exterior Girder	45.31	0.95	1	1	3.603783
Annual Permit 1_str	BOBJ1	243.13	Before	Left Exterior Girder	51.07	0.95	1	1	6.882426
Annual Permit 1_str	BOBJ1	243.13	Before	Interior Girder 1	51.07	0.95	1	1	4.363372
Annual Permit 1_str	BOBJ1	243.13	Before	Interior Girder 2	51.07	0.95	1	1	4.27601
Annual Permit 1_str	BOBJ1	243.13	Before	Interior Girder 3	51.07	0.95	1	1	3.788264
Annual Permit 1_str	BOBJ1	243.13	Before	Interior Girder 4	51.07	0.95	1	1	3.788264
Annual Permit 1_str	BOBJ1	243.13	Before	Interior Girder 5	51.07	0.95	1	1	4.27601
Annual Permit 1_str	BOBJ1	243.13	Before	Interior Girder 6	51.07	0.95	1	1	4.363372
Annual Permit 1_str	BOBJ1	243.13	Before	Right Exterior Girder	51.07	0.95	1	1	6.882426
Annual Permit 1_str	BOBJ1	243.13	After	Left Exterior Girder	51.07	0.95	1	1	6.812953
Annual Permit 1_str	BOBJ1	243.13	After	Interior Girder 1	51.07	0.95	1	1	4.316344
Annual Permit 1_str	BOBJ1	243.13	After	Interior Girder 2	51.07	0.95	1	1	4.104721
Annual Permit 1_str	BOBJ1	243.13	After	Interior Girder 3	51.07	0.95	1	1	3.579564
Annual Permit 1_str	BOBJ1	243.13	After	Interior Girder 4	51.07	0.95	1	1	3.579564
Annual Permit 1_str	BOBJ1	243.13	After	Interior Girder 5	51.07	0.95	1	1	4.104721
Annual Permit 1_str	BOBJ1	243.13	After	Interior Girder 6	51.07	0.95	1	1	4.316344
Annual Permit 1_str	BOBJ1	243.13	After	Right Exterior Girder	51.07	0.95	1	1	6.812953
Annual Permit 1_str	BOBJ1	248.89	Before	Left Exterior Girder	56.83	0.95	1	1	330.982817
Annual Permit 1_str	BOBJ1	248.89	Before	Interior Girder 1	56.83	0.95	1	1	322.102847
Annual Permit 1_str	BOBJ1	248.89	Before	Interior Girder 2	56.83	0.95	1	1	194.740326
Annual Permit 1_str	BOBJ1	248.89	Before	Interior Girder 3	56.83	0.95	1	1	154.485581
Annual Permit 1_str	BOBJ1	248.89	Before	Interior Girder 4	56.83	0.95	1	1	154.485582
Annual Permit 1_str	BOBJ1	248.89	Before	Interior Girder 5	56.83	0.95	1	1	194.740326
Annual Permit 1_str	BOBJ1	248.89	Before	Interior Girder 6	56.83	0.95	1	1	322.102847
Annual Permit 1_str	BOBJ1	248.89	Before	Right Exterior Girder	56.83	0.95	1	1	330.982817
Annual Permit 2_str	BOBJ1	0	After	Left Exterior Girder	0	0.95	1	1	184.643351
Annual Permit 2_str	BOBJ1	0	After	Interior Girder 1	0	0.95	1	1	183.208172
Annual Permit 2_str	BOBJ1	0	After	Interior Girder 2	0	0.95	1	1	125.486581
Annual Permit 2_str	BOBJ1	0	After	Interior Girder 3	0	0.95	1	1	101.703014
Annual Permit 2_str	BOBJ1	0	After	Interior Girder 4	0	0.95	1	1	101.703014
Annual Permit 2_str	BOBJ1	0	After	Interior Girder 5	0	0.95	1	1	125.48658
Annual Permit 2_str	BOBJ1	0	After	Interior Girder 6	0	0.95	1	1	183.208172
Annual Permit 2_str	BOBJ1	0	After	Right Exterior Girder	0	0.95	1	1	184.643351
Annual Permit 2_str	BOBJ1	5.85	Before	Left Exterior Girder	5.85	0.95	1	1	4.297503
Annual Permit 2_str	BOBJ1	5.85	Before	Interior Girder 1	5.85	0.95	1	1	3.279962

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelINonCompStrgth-Flx - Approach, Span 12-1									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Annual Permit 2_str	BOBJ1	5.85	Before	Interior Girder 2	5.85	0.95	1	1	3.21092
Annual Permit 2_str	BOBJ1	5.85	Before	Interior Girder 3	5.85	0.95	1	1	2.775197
Annual Permit 2_str	BOBJ1	5.85	Before	Interior Girder 4	5.85	0.95	1	1	2.775197
Annual Permit 2_str	BOBJ1	5.85	Before	Interior Girder 5	5.85	0.95	1	1	3.21092
Annual Permit 2_str	BOBJ1	5.85	Before	Interior Girder 6	5.85	0.95	1	1	3.279962
Annual Permit 2_str	BOBJ1	5.85	Before	Right Exterior Girder	5.85	0.95	1	1	4.297503
Annual Permit 2_str	BOBJ1	5.85	After	Left Exterior Girder	5.85	0.95	1	1	4.326604
Annual Permit 2_str	BOBJ1	5.85	After	Interior Girder 1	5.85	0.95	1	1	3.270318
Annual Permit 2_str	BOBJ1	5.85	After	Interior Girder 2	5.85	0.95	1	1	3.312195
Annual Permit 2_str	BOBJ1	5.85	After	Interior Girder 3	5.85	0.95	1	1	2.917834
Annual Permit 2_str	BOBJ1	5.85	After	Interior Girder 4	5.85	0.95	1	1	2.917834
Annual Permit 2_str	BOBJ1	5.85	After	Interior Girder 5	5.85	0.95	1	1	3.312195
Annual Permit 2_str	BOBJ1	5.85	After	Interior Girder 6	5.85	0.95	1	1	3.270318
Annual Permit 2_str	BOBJ1	5.85	After	Right Exterior Girder	5.85	0.95	1	1	4.326604
Annual Permit 2_str	BOBJ1	11.4667	Before	Left Exterior Girder	11.4667	0.95	1	1	2.397255
Annual Permit 2_str	BOBJ1	11.4667	Before	Interior Girder 1	11.4667	0.95	1	1	1.823023
Annual Permit 2_str	BOBJ1	11.4667	Before	Interior Girder 2	11.4667	0.95	1	1	1.832522
Annual Permit 2_str	BOBJ1	11.4667	Before	Interior Girder 3	11.4667	0.95	1	1	1.631762
Annual Permit 2_str	BOBJ1	11.4667	Before	Interior Girder 4	11.4667	0.95	1	1	1.631762
Annual Permit 2_str	BOBJ1	11.4667	Before	Interior Girder 5	11.4667	0.95	1	1	1.832522
Annual Permit 2_str	BOBJ1	11.4667	Before	Interior Girder 6	11.4667	0.95	1	1	1.823023
Annual Permit 2_str	BOBJ1	11.4667	Before	Right Exterior Girder	11.4667	0.95	1	1	2.397255
Annual Permit 2_str	BOBJ1	11.4667	After	Left Exterior Girder	11.4667	0.95	1	1	2.435268
Annual Permit 2_str	BOBJ1	11.4667	After	Interior Girder 1	11.4667	0.95	1	1	1.805183
Annual Permit 2_str	BOBJ1	11.4667	After	Interior Girder 2	11.4667	0.95	1	1	1.857454
Annual Permit 2_str	BOBJ1	11.4667	After	Interior Girder 3	11.4667	0.95	1	1	1.673518
Annual Permit 2_str	BOBJ1	11.4667	After	Interior Girder 4	11.4667	0.95	1	1	1.673518
Annual Permit 2_str	BOBJ1	11.4667	After	Interior Girder 5	11.4667	0.95	1	1	1.857454
Annual Permit 2_str	BOBJ1	11.4667	After	Interior Girder 6	11.4667	0.95	1	1	1.805183
Annual Permit 2_str	BOBJ1	11.4667	After	Right Exterior Girder	11.4667	0.95	1	1	2.435268
Annual Permit 2_str	BOBJ1	17.0833	Before	Left Exterior Girder	17.0833	0.95	1	1	1.83061
Annual Permit 2_str	BOBJ1	17.0833	Before	Interior Girder 1	17.0833	0.95	1	1	1.470124
Annual Permit 2_str	BOBJ1	17.0833	Before	Interior Girder 2	17.0833	0.95	1	1	1.528295
Annual Permit 2_str	BOBJ1	17.0833	Before	Interior Girder 3	17.0833	0.95	1	1	1.395141
Annual Permit 2_str	BOBJ1	17.0833	Before	Interior Girder 4	17.0833	0.95	1	1	1.395141
Annual Permit 2_str	BOBJ1	17.0833	Before	Interior Girder 5	17.0833	0.95	1	1	1.528295
Annual Permit 2_str	BOBJ1	17.0833	Before	Interior Girder 6	17.0833	0.95	1	1	1.470124
Annual Permit 2_str	BOBJ1	17.0833	Before	Right Exterior Girder	17.0833	0.95	1	1	1.83061
Annual Permit 2_str	BOBJ1	17.0833	After	Left Exterior Girder	17.0833	0.95	1	1	1.833357
Annual Permit 2_str	BOBJ1	17.0833	After	Interior Girder 1	17.0833	0.95	1	1	1.471856
Annual Permit 2_str	BOBJ1	17.0833	After	Interior Girder 2	17.0833	0.95	1	1	1.549476
Annual Permit 2_str	BOBJ1	17.0833	After	Interior Girder 3	17.0833	0.95	1	1	1.420192
Annual Permit 2_str	BOBJ1	17.0833	After	Interior Girder 4	17.0833	0.95	1	1	1.420192
Annual Permit 2_str	BOBJ1	17.0833	After	Interior Girder 5	17.0833	0.95	1	1	1.549476
Annual Permit 2_str	BOBJ1	17.0833	After	Interior Girder 6	17.0833	0.95	1	1	1.471856
Annual Permit 2_str	BOBJ1	17.0833	After	Right Exterior Girder	17.0833	0.95	1	1	1.833357
Annual Permit 2_str	BOBJ1	22.7	Before	Left Exterior Girder	22.7	0.95	1	1	1.611408
Annual Permit 2_str	BOBJ1	22.7	Before	Interior Girder 1	22.7	0.95	1	1	1.41149
Annual Permit 2_str	BOBJ1	22.7	Before	Interior Girder 2	22.7	0.95	1	1	1.517931
Annual Permit 2_str	BOBJ1	22.7	Before	Interior Girder 3	22.7	0.95	1	1	1.417293
Annual Permit 2_str	BOBJ1	22.7	Before	Interior Girder 4	22.7	0.95	1	1	1.417293
Annual Permit 2_str	BOBJ1	22.7	Before	Interior Girder 5	22.7	0.95	1	1	1.517931
Annual Permit 2_str	BOBJ1	22.7	Before	Interior Girder 6	22.7	0.95	1	1	1.41149
Annual Permit 2_str	BOBJ1	22.7	Before	Right Exterior Girder	22.7	0.95	1	1	1.611408
Annual Permit 2_str	BOBJ1	22.7	After	Left Exterior Girder	22.7	0.95	1	1	1.618718
Annual Permit 2_str	BOBJ1	22.7	After	Interior Girder 1	22.7	0.95	1	1	1.407447
Annual Permit 2_str	BOBJ1	22.7	After	Interior Girder 2	22.7	0.95	1	1	1.516759
Annual Permit 2_str	BOBJ1	22.7	After	Interior Girder 3	22.7	0.95	1	1	1.413769
Annual Permit 2_str	BOBJ1	22.7	After	Interior Girder 4	22.7	0.95	1	1	1.413769
Annual Permit 2_str	BOBJ1	22.7	After	Interior Girder 5	22.7	0.95	1	1	1.516759
Annual Permit 2_str	BOBJ1	22.7	After	Interior Girder 6	22.7	0.95	1	1	1.407447
Annual Permit 2_str	BOBJ1	22.7	After	Right Exterior Girder	22.7	0.95	1	1	1.618718
Annual Permit 2_str	BOBJ1	28.3167	Before	Left Exterior Girder	28.3167	0.95	1	1	1.761923
Annual Permit 2_str	BOBJ1	28.3167	Before	Interior Girder 1	28.3167	0.95	1	1	1.451618
Annual Permit 2_str	BOBJ1	28.3167	Before	Interior Girder 2	28.3167	0.95	1	1	1.541801

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelINonCompStrgth-Flx - Approach, Span 12-1									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Annual Permit 2_str	BOBJ1	28.3167	Before	Interior Girder 3	28.3167	0.95	1	1	1.43784
Annual Permit 2_str	BOBJ1	28.3167	Before	Interior Girder 4	28.3167	0.95	1	1	1.43784
Annual Permit 2_str	BOBJ1	28.3167	Before	Interior Girder 5	28.3167	0.95	1	1	1.541801
Annual Permit 2_str	BOBJ1	28.3167	Before	Interior Girder 6	28.3167	0.95	1	1	1.451618
Annual Permit 2_str	BOBJ1	28.3167	Before	Right Exterior Girder	28.3167	0.95	1	1	1.761923
Annual Permit 2_str	BOBJ1	28.3167	After	Left Exterior Girder	28.3167	0.95	1	1	1.765712
Annual Permit 2_str	BOBJ1	28.3167	After	Interior Girder 1	28.3167	0.95	1	1	1.446564
Annual Permit 2_str	BOBJ1	28.3167	After	Interior Girder 2	28.3167	0.95	1	1	1.528073
Annual Permit 2_str	BOBJ1	28.3167	After	Interior Girder 3	28.3167	0.95	1	1	1.421182
Annual Permit 2_str	BOBJ1	28.3167	After	Interior Girder 4	28.3167	0.95	1	1	1.421182
Annual Permit 2_str	BOBJ1	28.3167	After	Interior Girder 5	28.3167	0.95	1	1	1.528073
Annual Permit 2_str	BOBJ1	28.3167	After	Interior Girder 6	28.3167	0.95	1	1	1.446564
Annual Permit 2_str	BOBJ1	28.3167	After	Right Exterior Girder	28.3167	0.95	1	1	1.765712
Annual Permit 2_str	BOBJ1	33.9333	Before	Left Exterior Girder	33.9333	0.95	1	1	2.164405
Annual Permit 2_str	BOBJ1	33.9333	Before	Interior Girder 1	33.9333	0.95	1	1	1.679448
Annual Permit 2_str	BOBJ1	33.9333	Before	Interior Girder 2	33.9333	0.95	1	1	1.751653
Annual Permit 2_str	BOBJ1	33.9333	Before	Interior Girder 3	33.9333	0.95	1	1	1.635143
Annual Permit 2_str	BOBJ1	33.9333	Before	Interior Girder 4	33.9333	0.95	1	1	1.635143
Annual Permit 2_str	BOBJ1	33.9333	Before	Interior Girder 5	33.9333	0.95	1	1	1.751653
Annual Permit 2_str	BOBJ1	33.9333	Before	Interior Girder 6	33.9333	0.95	1	1	1.679448
Annual Permit 2_str	BOBJ1	33.9333	Before	Right Exterior Girder	33.9333	0.95	1	1	2.164405
Annual Permit 2_str	BOBJ1	33.9333	After	Left Exterior Girder	33.9333	0.95	1	1	2.133395
Annual Permit 2_str	BOBJ1	33.9333	After	Interior Girder 1	33.9333	0.95	1	1	1.693058
Annual Permit 2_str	BOBJ1	33.9333	After	Interior Girder 2	33.9333	0.95	1	1	1.751844
Annual Permit 2_str	BOBJ1	33.9333	After	Interior Girder 3	33.9333	0.95	1	1	1.621658
Annual Permit 2_str	BOBJ1	33.9333	After	Interior Girder 4	33.9333	0.95	1	1	1.621658
Annual Permit 2_str	BOBJ1	33.9333	After	Interior Girder 5	33.9333	0.95	1	1	1.751844
Annual Permit 2_str	BOBJ1	33.9333	After	Interior Girder 6	33.9333	0.95	1	1	1.693058
Annual Permit 2_str	BOBJ1	33.9333	After	Right Exterior Girder	33.9333	0.95	1	1	2.133395
Annual Permit 2_str	BOBJ1	39.55	Before	Left Exterior Girder	39.55	0.95	1	1	3.047217
Annual Permit 2_str	BOBJ1	39.55	Before	Interior Girder 1	39.55	0.95	1	1	2.458095
Annual Permit 2_str	BOBJ1	39.55	Before	Interior Girder 2	39.55	0.95	1	1	2.516758
Annual Permit 2_str	BOBJ1	39.55	Before	Interior Girder 3	39.55	0.95	1	1	2.364752
Annual Permit 2_str	BOBJ1	39.55	Before	Interior Girder 4	39.55	0.95	1	1	2.364752
Annual Permit 2_str	BOBJ1	39.55	Before	Interior Girder 5	39.55	0.95	1	1	2.516758
Annual Permit 2_str	BOBJ1	39.55	Before	Interior Girder 6	39.55	0.95	1	1	2.458095
Annual Permit 2_str	BOBJ1	39.55	Before	Right Exterior Girder	39.55	0.95	1	1	3.047217
Annual Permit 2_str	BOBJ1	39.55	After	Left Exterior Girder	39.55	0.95	1	1	3.02197
Annual Permit 2_str	BOBJ1	39.55	After	Interior Girder 1	39.55	0.95	1	1	2.465399
Annual Permit 2_str	BOBJ1	39.55	After	Interior Girder 2	39.55	0.95	1	1	2.485008
Annual Permit 2_str	BOBJ1	39.55	After	Interior Girder 3	39.55	0.95	1	1	2.298398
Annual Permit 2_str	BOBJ1	39.55	After	Interior Girder 4	39.55	0.95	1	1	2.298398
Annual Permit 2_str	BOBJ1	39.55	After	Interior Girder 5	39.55	0.95	1	1	2.485008
Annual Permit 2_str	BOBJ1	39.55	After	Interior Girder 6	39.55	0.95	1	1	2.465399
Annual Permit 2_str	BOBJ1	39.55	After	Right Exterior Girder	39.55	0.95	1	1	3.02197
Annual Permit 2_str	BOBJ1	45.1733	Before	Left Exterior Girder	45.1226	0.95	1	1	2.483095
Annual Permit 2_str	BOBJ1	45.1733	Before	Interior Girder 1	45.1226	0.95	1	1	2.573084
Annual Permit 2_str	BOBJ1	45.1733	Before	Interior Girder 2	45.1226	0.95	1	1	2.882079
Annual Permit 2_str	BOBJ1	45.1733	Before	Interior Girder 3	45.1226	0.95	1	1	2.858186
Annual Permit 2_str	BOBJ1	45.1733	Before	Interior Girder 4	45.1226	0.95	1	1	2.858186
Annual Permit 2_str	BOBJ1	45.1733	Before	Interior Girder 5	45.1226	0.95	1	1	2.882079
Annual Permit 2_str	BOBJ1	45.1733	Before	Interior Girder 6	45.1226	0.95	1	1	2.573084
Annual Permit 2_str	BOBJ1	45.1733	Before	Right Exterior Girder	45.1226	0.95	1	1	2.483095
Annual Permit 2_str	BOBJ1	45.1733	After	Left Exterior Girder	45.1226	0.95	1	1	1.989557
Annual Permit 2_str	BOBJ1	45.1733	After	Interior Girder 1	45.1226	0.95	1	1	2.048792
Annual Permit 2_str	BOBJ1	45.1733	After	Interior Girder 2	45.1226	0.95	1	1	2.293238
Annual Permit 2_str	BOBJ1	45.1733	After	Interior Girder 3	45.1226	0.95	1	1	2.269801
Annual Permit 2_str	BOBJ1	45.1733	After	Interior Girder 4	45.1226	0.95	1	1	2.269801
Annual Permit 2_str	BOBJ1	45.1733	After	Interior Girder 5	45.1226	0.95	1	1	2.293238
Annual Permit 2_str	BOBJ1	45.1733	After	Interior Girder 6	45.1226	0.95	1	1	2.048792
Annual Permit 2_str	BOBJ1	45.1733	After	Right Exterior Girder	45.1226	0.95	1	1	1.989557
Annual Permit 2_str	BOBJ1	49.2561	Before	Left Exterior Girder	49.2561	0.95	1	1	1.401956
Annual Permit 2_str	BOBJ1	49.2561	Before	Right Exterior Girder	49.2561	0.95	1	1	1.401956
Annual Permit 2_str	BOBJ1	49.2561	After	Left Exterior Girder	49.2561	0.95	1	1	1.426524
Annual Permit 2_str	BOBJ1	49.2561	After	Right Exterior Girder	49.2561	0.95	1	1	1.426524

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelINonCompStrgth-Flx - Approach, Span 12-1									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Annual Permit 2_str	BOBJ1	50.7967	Before	Left Exterior Girder	50.7967	0.95	1	1	2.985976
Annual Permit 2_str	BOBJ1	50.7967	Before	Interior Girder 1	50.7967	0.95	1	1	1.449328
Annual Permit 2_str	BOBJ1	50.7967	Before	Interior Girder 2	50.7967	0.95	1	1	1.609209
Annual Permit 2_str	BOBJ1	50.7967	Before	Interior Girder 3	50.7967	0.95	1	1	1.469481
Annual Permit 2_str	BOBJ1	50.7967	Before	Interior Girder 4	50.7967	0.95	1	1	1.469481
Annual Permit 2_str	BOBJ1	50.7967	Before	Interior Girder 5	50.7967	0.95	1	1	1.609209
Annual Permit 2_str	BOBJ1	50.7967	Before	Interior Girder 6	50.7967	0.95	1	1	1.449328
Annual Permit 2_str	BOBJ1	50.7967	Before	Right Exterior Girder	50.7967	0.95	1	1	2.985976
Annual Permit 2_str	BOBJ1	50.7967	After	Left Exterior Girder	50.7967	0.95	1	1	2.969748
Annual Permit 2_str	BOBJ1	50.7967	After	Interior Girder 1	50.7967	0.95	1	1	1.444179
Annual Permit 2_str	BOBJ1	50.7967	After	Interior Girder 2	50.7967	0.95	1	1	1.598515
Annual Permit 2_str	BOBJ1	50.7967	After	Interior Girder 3	50.7967	0.95	1	1	1.463974
Annual Permit 2_str	BOBJ1	50.7967	After	Interior Girder 4	50.7967	0.95	1	1	1.463974
Annual Permit 2_str	BOBJ1	50.7967	After	Interior Girder 5	50.7967	0.95	1	1	1.598515
Annual Permit 2_str	BOBJ1	50.7967	After	Interior Girder 6	50.7967	0.95	1	1	1.444179
Annual Permit 2_str	BOBJ1	50.7967	After	Right Exterior Girder	50.7967	0.95	1	1	2.969748
Annual Permit 2_str	BOBJ1	51.3989	Before	Interior Girder 1	51.3989	0.95	1	1	1.374854
Annual Permit 2_str	BOBJ1	51.3989	Before	Interior Girder 2	51.3989	0.95	1	1	1.532366
Annual Permit 2_str	BOBJ1	51.3989	Before	Interior Girder 3	51.3989	0.95	1	1	1.387842
Annual Permit 2_str	BOBJ1	51.3989	Before	Interior Girder 4	51.3989	0.95	1	1	1.387842
Annual Permit 2_str	BOBJ1	51.3989	Before	Interior Girder 5	51.3989	0.95	1	1	1.532366
Annual Permit 2_str	BOBJ1	51.3989	Before	Interior Girder 6	51.3989	0.95	1	1	1.374854
Annual Permit 2_str	BOBJ1	51.3989	After	Interior Girder 1	51.3989	0.95	1	1	2.095756
Annual Permit 2_str	BOBJ1	51.3989	After	Interior Girder 2	51.3989	0.95	1	1	2.307038
Annual Permit 2_str	BOBJ1	51.3989	After	Interior Girder 3	51.3989	0.95	1	1	2.114352
Annual Permit 2_str	BOBJ1	51.3989	After	Interior Girder 4	51.3989	0.95	1	1	2.114352
Annual Permit 2_str	BOBJ1	51.3989	After	Interior Girder 5	51.3989	0.95	1	1	2.307038
Annual Permit 2_str	BOBJ1	51.3989	After	Interior Girder 6	51.3989	0.95	1	1	2.095756
Annual Permit 2_str	BOBJ1	56.42	Before	Left Exterior Girder	56.42	0.95	1	1	1.878708
Annual Permit 2_str	BOBJ1	56.42	Before	Interior Girder 1	56.42	0.95	1	1	1.212826
Annual Permit 2_str	BOBJ1	56.42	Before	Interior Girder 2	56.42	0.95	1	1	1.250472
Annual Permit 2_str	BOBJ1	56.42	Before	Interior Girder 3	56.42	0.95	1	1	0.977666
Annual Permit 2_str	BOBJ1	56.42	Before	Interior Girder 4	56.42	0.95	1	1	0.977666
Annual Permit 2_str	BOBJ1	56.42	Before	Interior Girder 5	56.42	0.95	1	1	1.250472
Annual Permit 2_str	BOBJ1	56.42	Before	Interior Girder 6	56.42	0.95	1	1	1.212826
Annual Permit 2_str	BOBJ1	56.42	Before	Right Exterior Girder	56.42	0.95	1	1	1.878708
Annual Permit 2_str	BOBJ1	56.42	After	Left Exterior Girder	0	0.95	1	1	1.956885
Annual Permit 2_str	BOBJ1	56.42	After	Interior Girder 1	0	0.95	1	1	1.201206
Annual Permit 2_str	BOBJ1	56.42	After	Interior Girder 2	0	0.95	1	1	1.23428
Annual Permit 2_str	BOBJ1	56.42	After	Interior Girder 3	0	0.95	1	1	0.960457
Annual Permit 2_str	BOBJ1	56.42	After	Interior Girder 4	0	0.95	1	1	0.960457
Annual Permit 2_str	BOBJ1	56.42	After	Interior Girder 5	0	0.95	1	1	1.23428
Annual Permit 2_str	BOBJ1	56.42	After	Interior Girder 6	0	0.95	1	1	1.201206
Annual Permit 2_str	BOBJ1	56.42	After	Right Exterior Girder	0	0.95	1	1	1.956885
Annual Permit 2_str	BOBJ1	62.0367	Before	Left Exterior Girder	5.6167	0.95	1	1	4.186827
Annual Permit 2_str	BOBJ1	62.0367	Before	Interior Girder 1	5.6167	0.95	1	1	2.846207
Annual Permit 2_str	BOBJ1	62.0367	Before	Interior Girder 2	5.6167	0.95	1	1	2.977453
Annual Permit 2_str	BOBJ1	62.0367	Before	Interior Girder 3	5.6167	0.95	1	1	2.58027
Annual Permit 2_str	BOBJ1	62.0367	Before	Interior Girder 4	5.6167	0.95	1	1	2.58027
Annual Permit 2_str	BOBJ1	62.0367	Before	Interior Girder 5	5.6167	0.95	1	1	2.977453
Annual Permit 2_str	BOBJ1	62.0367	Before	Interior Girder 6	5.6167	0.95	1	1	2.846207
Annual Permit 2_str	BOBJ1	62.0367	Before	Right Exterior Girder	5.6167	0.95	1	1	4.186827
Annual Permit 2_str	BOBJ1	62.0367	After	Left Exterior Girder	5.6167	0.95	1	1	4.122884
Annual Permit 2_str	BOBJ1	62.0367	After	Interior Girder 1	5.6167	0.95	1	1	2.914152
Annual Permit 2_str	BOBJ1	62.0367	After	Interior Girder 2	5.6167	0.95	1	1	3.012246
Annual Permit 2_str	BOBJ1	62.0367	After	Interior Girder 3	5.6167	0.95	1	1	2.592801
Annual Permit 2_str	BOBJ1	62.0367	After	Interior Girder 4	5.6167	0.95	1	1	2.592801
Annual Permit 2_str	BOBJ1	62.0367	After	Interior Girder 5	5.6167	0.95	1	1	3.012246
Annual Permit 2_str	BOBJ1	62.0367	After	Interior Girder 6	5.6167	0.95	1	1	2.914152
Annual Permit 2_str	BOBJ1	62.0367	After	Right Exterior Girder	5.6167	0.95	1	1	4.122884
Annual Permit 2_str	BOBJ1	62.4203	Before	Interior Girder 1	6.0003	0.95	1	1	3.003155
Annual Permit 2_str	BOBJ1	62.4203	Before	Interior Girder 2	6.0003	0.95	1	1	3.126567
Annual Permit 2_str	BOBJ1	62.4203	Before	Interior Girder 3	6.0003	0.95	1	1	2.739291
Annual Permit 2_str	BOBJ1	62.4203	Before	Interior Girder 4	6.0003	0.95	1	1	2.739291
Annual Permit 2_str	BOBJ1	62.4203	Before	Interior Girder 5	6.0003	0.95	1	1	3.126567

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelINonCompStrgth-Flx - Approach, Span 12-1									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Annual Permit 2_str	BOBJ1	62.4203	Before	Interior Girder 6	6.0003	0.95	1	1	3.003155
Annual Permit 2_str	BOBJ1	62.4203	After	Interior Girder 1	6.0003	0.95	1	1	1.969435
Annual Permit 2_str	BOBJ1	62.4203	After	Interior Girder 2	6.0003	0.95	1	1	2.053562
Annual Permit 2_str	BOBJ1	62.4203	After	Interior Girder 3	6.0003	0.95	1	1	1.753201
Annual Permit 2_str	BOBJ1	62.4203	After	Interior Girder 4	6.0003	0.95	1	1	1.753201
Annual Permit 2_str	BOBJ1	62.4203	After	Interior Girder 5	6.0003	0.95	1	1	2.053562
Annual Permit 2_str	BOBJ1	62.4203	After	Interior Girder 6	6.0003	0.95	1	1	1.969435
Annual Permit 2_str	BOBJ1	64.9204	Before	Left Exterior Girder	8.5004	0.95	1	1	4.803239
Annual Permit 2_str	BOBJ1	64.9204	Before	Right Exterior Girder	8.5004	0.95	1	1	4.803239
Annual Permit 2_str	BOBJ1	64.9204	After	Left Exterior Girder	8.5004	0.95	1	1	2.169844
Annual Permit 2_str	BOBJ1	64.9204	After	Right Exterior Girder	8.5004	0.95	1	1	2.169844
Annual Permit 2_str	BOBJ1	67.6533	Before	Left Exterior Girder	11.2333	0.95	1	1	2.709304
Annual Permit 2_str	BOBJ1	67.6533	Before	Interior Girder 1	11.2333	0.95	1	1	2.71775
Annual Permit 2_str	BOBJ1	67.6533	Before	Interior Girder 2	11.2333	0.95	1	1	2.965703
Annual Permit 2_str	BOBJ1	67.6533	Before	Interior Girder 3	11.2333	0.95	1	1	2.833751
Annual Permit 2_str	BOBJ1	67.6533	Before	Interior Girder 4	11.2333	0.95	1	1	2.833751
Annual Permit 2_str	BOBJ1	67.6533	Before	Interior Girder 5	11.2333	0.95	1	1	2.965703
Annual Permit 2_str	BOBJ1	67.6533	Before	Interior Girder 6	11.2333	0.95	1	1	2.71775
Annual Permit 2_str	BOBJ1	67.6533	Before	Right Exterior Girder	11.2333	0.95	1	1	2.709304
Annual Permit 2_str	BOBJ1	67.6533	After	Left Exterior Girder	11.2333	0.95	1	1	2.676223
Annual Permit 2_str	BOBJ1	67.6533	After	Interior Girder 1	11.2333	0.95	1	1	2.745163
Annual Permit 2_str	BOBJ1	67.6533	After	Interior Girder 2	11.2333	0.95	1	1	3.004823
Annual Permit 2_str	BOBJ1	67.6533	After	Interior Girder 3	11.2333	0.95	1	1	2.862514
Annual Permit 2_str	BOBJ1	67.6533	After	Interior Girder 4	11.2333	0.95	1	1	2.862514
Annual Permit 2_str	BOBJ1	67.6533	After	Interior Girder 5	11.2333	0.95	1	1	3.004823
Annual Permit 2_str	BOBJ1	67.6533	After	Interior Girder 6	11.2333	0.95	1	1	2.745163
Annual Permit 2_str	BOBJ1	67.6533	After	Right Exterior Girder	11.2333	0.95	1	1	2.676223
Annual Permit 2_str	BOBJ1	73.27	Before	Left Exterior Girder	16.85	0.95	1	1	2.90164
Annual Permit 2_str	BOBJ1	73.27	Before	Interior Girder 1	16.85	0.95	1	1	2.448688
Annual Permit 2_str	BOBJ1	73.27	Before	Interior Girder 2	16.85	0.95	1	1	2.428788
Annual Permit 2_str	BOBJ1	73.27	Before	Interior Girder 3	16.85	0.95	1	1	2.231677
Annual Permit 2_str	BOBJ1	73.27	Before	Interior Girder 4	16.85	0.95	1	1	2.231677
Annual Permit 2_str	BOBJ1	73.27	Before	Interior Girder 5	16.85	0.95	1	1	2.428788
Annual Permit 2_str	BOBJ1	73.27	Before	Interior Girder 6	16.85	0.95	1	1	2.448688
Annual Permit 2_str	BOBJ1	73.27	Before	Right Exterior Girder	16.85	0.95	1	1	2.90164
Annual Permit 2_str	BOBJ1	73.27	After	Left Exterior Girder	16.85	0.95	1	1	2.951813
Annual Permit 2_str	BOBJ1	73.27	After	Interior Girder 1	16.85	0.95	1	1	2.410903
Annual Permit 2_str	BOBJ1	73.27	After	Interior Girder 2	16.85	0.95	1	1	2.434153
Annual Permit 2_str	BOBJ1	73.27	After	Interior Girder 3	16.85	0.95	1	1	2.285555
Annual Permit 2_str	BOBJ1	73.27	After	Interior Girder 4	16.85	0.95	1	1	2.285555
Annual Permit 2_str	BOBJ1	73.27	After	Interior Girder 5	16.85	0.95	1	1	2.434153
Annual Permit 2_str	BOBJ1	73.27	After	Interior Girder 6	16.85	0.95	1	1	2.410903
Annual Permit 2_str	BOBJ1	73.27	After	Right Exterior Girder	16.85	0.95	1	1	2.951813
Annual Permit 2_str	BOBJ1	78.8867	Before	Left Exterior Girder	22.4667	0.95	1	1	1.88104
Annual Permit 2_str	BOBJ1	78.8867	Before	Interior Girder 1	22.4667	0.95	1	1	1.567831
Annual Permit 2_str	BOBJ1	78.8867	Before	Interior Girder 2	22.4667	0.95	1	1	1.610297
Annual Permit 2_str	BOBJ1	78.8867	Before	Interior Girder 3	22.4667	0.95	1	1	1.485778
Annual Permit 2_str	BOBJ1	78.8867	Before	Interior Girder 4	22.4667	0.95	1	1	1.485778
Annual Permit 2_str	BOBJ1	78.8867	Before	Interior Girder 5	22.4667	0.95	1	1	1.610297
Annual Permit 2_str	BOBJ1	78.8867	Before	Interior Girder 6	22.4667	0.95	1	1	1.567831
Annual Permit 2_str	BOBJ1	78.8867	Before	Right Exterior Girder	22.4667	0.95	1	1	1.88104
Annual Permit 2_str	BOBJ1	78.8867	After	Left Exterior Girder	22.4667	0.95	1	1	1.921245
Annual Permit 2_str	BOBJ1	78.8867	After	Interior Girder 1	22.4667	0.95	1	1	1.548484
Annual Permit 2_str	BOBJ1	78.8867	After	Interior Girder 2	22.4667	0.95	1	1	1.604888
Annual Permit 2_str	BOBJ1	78.8867	After	Interior Girder 3	22.4667	0.95	1	1	1.499967
Annual Permit 2_str	BOBJ1	78.8867	After	Interior Girder 4	22.4667	0.95	1	1	1.499967
Annual Permit 2_str	BOBJ1	78.8867	After	Interior Girder 5	22.4667	0.95	1	1	1.604888
Annual Permit 2_str	BOBJ1	78.8867	After	Interior Girder 6	22.4667	0.95	1	1	1.548484
Annual Permit 2_str	BOBJ1	78.8867	After	Right Exterior Girder	22.4667	0.95	1	1	1.921245
Annual Permit 2_str	BOBJ1	84.5033	Before	Left Exterior Girder	28.0833	0.95	1	1	1.46151
Annual Permit 2_str	BOBJ1	84.5033	Before	Interior Girder 1	28.0833	0.95	1	1	1.286504
Annual Permit 2_str	BOBJ1	84.5033	Before	Interior Girder 2	28.0833	0.95	1	1	1.363854
Annual Permit 2_str	BOBJ1	84.5033	Before	Interior Girder 3	28.0833	0.95	1	1	1.27377
Annual Permit 2_str	BOBJ1	84.5033	Before	Interior Girder 4	28.0833	0.95	1	1	1.27377
Annual Permit 2_str	BOBJ1	84.5033	Before	Interior Girder 5	28.0833	0.95	1	1	1.363854

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelINonCompStrgth-Flx - Approach, Span 12-1									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Annual Permit 2_str	BOBJ1	84.5033	Before	Interior Girder 6	28.0833	0.95	1	1	1.286504
Annual Permit 2_str	BOBJ1	84.5033	Before	Right Exterior Girder	28.0833	0.95	1	1	1.46151
Annual Permit 2_str	BOBJ1	84.5033	After	Left Exterior Girder	28.0833	0.95	1	1	1.465731
Annual Permit 2_str	BOBJ1	84.5033	After	Interior Girder 1	28.0833	0.95	1	1	1.288398
Annual Permit 2_str	BOBJ1	84.5033	After	Interior Girder 2	28.0833	0.95	1	1	1.371608
Annual Permit 2_str	BOBJ1	84.5033	After	Interior Girder 3	28.0833	0.95	1	1	1.288023
Annual Permit 2_str	BOBJ1	84.5033	After	Interior Girder 4	28.0833	0.95	1	1	1.288023
Annual Permit 2_str	BOBJ1	84.5033	After	Interior Girder 5	28.0833	0.95	1	1	1.371608
Annual Permit 2_str	BOBJ1	84.5033	After	Interior Girder 6	28.0833	0.95	1	1	1.288398
Annual Permit 2_str	BOBJ1	84.5033	After	Right Exterior Girder	28.0833	0.95	1	1	1.465731
Annual Permit 2_str	BOBJ1	90.12	Before	Left Exterior Girder	33.7	0.95	1	1	1.296953
Annual Permit 2_str	BOBJ1	90.12	Before	Interior Girder 1	33.7	0.95	1	1	1.259252
Annual Permit 2_str	BOBJ1	90.12	Before	Interior Girder 2	33.7	0.95	1	1	1.376442
Annual Permit 2_str	BOBJ1	90.12	Before	Interior Girder 3	33.7	0.95	1	1	1.313152
Annual Permit 2_str	BOBJ1	90.12	Before	Interior Girder 4	33.7	0.95	1	1	1.313152
Annual Permit 2_str	BOBJ1	90.12	Before	Interior Girder 5	33.7	0.95	1	1	1.376442
Annual Permit 2_str	BOBJ1	90.12	Before	Interior Girder 6	33.7	0.95	1	1	1.259252
Annual Permit 2_str	BOBJ1	90.12	Before	Right Exterior Girder	33.7	0.95	1	1	1.296953
Annual Permit 2_str	BOBJ1	90.12	After	Left Exterior Girder	33.7	0.95	1	1	1.300954
Annual Permit 2_str	BOBJ1	90.12	After	Interior Girder 1	33.7	0.95	1	1	1.255717
Annual Permit 2_str	BOBJ1	90.12	After	Interior Girder 2	33.7	0.95	1	1	1.373562
Annual Permit 2_str	BOBJ1	90.12	After	Interior Girder 3	33.7	0.95	1	1	1.30848
Annual Permit 2_str	BOBJ1	90.12	After	Interior Girder 4	33.7	0.95	1	1	1.30848
Annual Permit 2_str	BOBJ1	90.12	After	Interior Girder 5	33.7	0.95	1	1	1.373562
Annual Permit 2_str	BOBJ1	90.12	After	Interior Girder 6	33.7	0.95	1	1	1.255717
Annual Permit 2_str	BOBJ1	90.12	After	Right Exterior Girder	33.7	0.95	1	1	1.300954
Annual Permit 2_str	BOBJ1	95.7367	Before	Left Exterior Girder	39.3167	0.95	1	1	1.452014
Annual Permit 2_str	BOBJ1	95.7367	Before	Interior Girder 1	39.3167	0.95	1	1	1.279295
Annual Permit 2_str	BOBJ1	95.7367	Before	Interior Girder 2	39.3167	0.95	1	1	1.362421
Annual Permit 2_str	BOBJ1	95.7367	Before	Interior Girder 3	39.3167	0.95	1	1	1.281389
Annual Permit 2_str	BOBJ1	95.7367	Before	Interior Girder 4	39.3167	0.95	1	1	1.281389
Annual Permit 2_str	BOBJ1	95.7367	Before	Interior Girder 5	39.3167	0.95	1	1	1.362421
Annual Permit 2_str	BOBJ1	95.7367	Before	Interior Girder 6	39.3167	0.95	1	1	1.279295
Annual Permit 2_str	BOBJ1	95.7367	Before	Right Exterior Girder	39.3167	0.95	1	1	1.452014
Annual Permit 2_str	BOBJ1	95.7367	After	Left Exterior Girder	39.3167	0.95	1	1	1.449136
Annual Permit 2_str	BOBJ1	95.7367	After	Interior Girder 1	39.3167	0.95	1	1	1.276716
Annual Permit 2_str	BOBJ1	95.7367	After	Interior Girder 2	39.3167	0.95	1	1	1.35476
Annual Permit 2_str	BOBJ1	95.7367	After	Interior Girder 3	39.3167	0.95	1	1	1.2676
Annual Permit 2_str	BOBJ1	95.7367	After	Interior Girder 4	39.3167	0.95	1	1	1.2676
Annual Permit 2_str	BOBJ1	95.7367	After	Interior Girder 5	39.3167	0.95	1	1	1.35476
Annual Permit 2_str	BOBJ1	95.7367	After	Interior Girder 6	39.3167	0.95	1	1	1.276716
Annual Permit 2_str	BOBJ1	95.7367	After	Right Exterior Girder	39.3167	0.95	1	1	1.449136
Annual Permit 2_str	BOBJ1	101.3533	Before	Left Exterior Girder	44.9333	0.95	1	1	1.874252
Annual Permit 2_str	BOBJ1	101.3533	Before	Interior Girder 1	44.9333	0.95	1	1	1.527258
Annual Permit 2_str	BOBJ1	101.3533	Before	Interior Girder 2	44.9333	0.95	1	1	1.586854
Annual Permit 2_str	BOBJ1	101.3533	Before	Interior Girder 3	44.9333	0.95	1	1	1.488594
Annual Permit 2_str	BOBJ1	101.3533	Before	Interior Girder 4	44.9333	0.95	1	1	1.488594
Annual Permit 2_str	BOBJ1	101.3533	Before	Interior Girder 5	44.9333	0.95	1	1	1.586854
Annual Permit 2_str	BOBJ1	101.3533	Before	Interior Girder 6	44.9333	0.95	1	1	1.527258
Annual Permit 2_str	BOBJ1	101.3533	Before	Right Exterior Girder	44.9333	0.95	1	1	1.874252
Annual Permit 2_str	BOBJ1	101.3533	After	Left Exterior Girder	44.9333	0.95	1	1	1.836584
Annual Permit 2_str	BOBJ1	101.3533	After	Interior Girder 1	44.9333	0.95	1	1	1.54534
Annual Permit 2_str	BOBJ1	101.3533	After	Interior Girder 2	44.9333	0.95	1	1	1.592785
Annual Permit 2_str	BOBJ1	101.3533	After	Interior Girder 3	44.9333	0.95	1	1	1.475524
Annual Permit 2_str	BOBJ1	101.3533	After	Interior Girder 4	44.9333	0.95	1	1	1.475524
Annual Permit 2_str	BOBJ1	101.3533	After	Interior Girder 5	44.9333	0.95	1	1	1.592785
Annual Permit 2_str	BOBJ1	101.3533	After	Interior Girder 6	44.9333	0.95	1	1	1.54534
Annual Permit 2_str	BOBJ1	101.3533	After	Right Exterior Girder	44.9333	0.95	1	1	1.836584
Annual Permit 2_str	BOBJ1	106.97	Before	Left Exterior Girder	50.55	0.95	1	1	2.803679
Annual Permit 2_str	BOBJ1	106.97	Before	Interior Girder 1	50.55	0.95	1	1	2.345111
Annual Permit 2_str	BOBJ1	106.97	Before	Interior Girder 2	50.55	0.95	1	1	2.383018
Annual Permit 2_str	BOBJ1	106.97	Before	Interior Girder 3	50.55	0.95	1	1	2.253975
Annual Permit 2_str	BOBJ1	106.97	Before	Interior Girder 4	50.55	0.95	1	1	2.253975
Annual Permit 2_str	BOBJ1	106.97	Before	Interior Girder 5	50.55	0.95	1	1	2.383018
Annual Permit 2_str	BOBJ1	106.97	Before	Interior Girder 6	50.55	0.95	1	1	2.345111

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelINonCompStrgth-Flx - Approach, Span 12-1									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Annual Permit 2_str	BOBJ1	106.97	Before	Right Exterior Girder	50.55	0.95	1	1	2.803679
Annual Permit 2_str	BOBJ1	106.97	After	Left Exterior Girder	50.55	0.95	1	1	2.780214
Annual Permit 2_str	BOBJ1	106.97	After	Interior Girder 1	50.55	0.95	1	1	2.364206
Annual Permit 2_str	BOBJ1	106.97	After	Interior Girder 2	50.55	0.95	1	1	2.358339
Annual Permit 2_str	BOBJ1	106.97	After	Interior Girder 3	50.55	0.95	1	1	2.182839
Annual Permit 2_str	BOBJ1	106.97	After	Interior Girder 4	50.55	0.95	1	1	2.182839
Annual Permit 2_str	BOBJ1	106.97	After	Interior Girder 5	50.55	0.95	1	1	2.358339
Annual Permit 2_str	BOBJ1	106.97	After	Interior Girder 6	50.55	0.95	1	1	2.364206
Annual Permit 2_str	BOBJ1	106.97	After	Right Exterior Girder	50.55	0.95	1	1	2.780214
Annual Permit 2_str	BOBJ1	112.5933	Before	Left Exterior Girder	56.1733	0.95	1	1	2.008187
Annual Permit 2_str	BOBJ1	112.5933	Before	Interior Girder 1	56.1733	0.95	1	1	2.12618
Annual Permit 2_str	BOBJ1	112.5933	Before	Interior Girder 2	56.1733	0.95	1	1	2.368516
Annual Permit 2_str	BOBJ1	112.5933	Before	Interior Girder 3	56.1733	0.95	1	1	2.319224
Annual Permit 2_str	BOBJ1	112.5933	Before	Interior Girder 4	56.1733	0.95	1	1	2.319224
Annual Permit 2_str	BOBJ1	112.5933	Before	Interior Girder 5	56.1733	0.95	1	1	2.368516
Annual Permit 2_str	BOBJ1	112.5933	Before	Interior Girder 6	56.1733	0.95	1	1	2.12618
Annual Permit 2_str	BOBJ1	112.5933	Before	Right Exterior Girder	56.1733	0.95	1	1	2.008187
Annual Permit 2_str	BOBJ1	112.5933	After	Left Exterior Girder	56.1733	0.95	1	1	2.030004
Annual Permit 2_str	BOBJ1	112.5933	After	Interior Girder 1	56.1733	0.95	1	1	2.10942
Annual Permit 2_str	BOBJ1	112.5933	After	Interior Girder 2	56.1733	0.95	1	1	2.350594
Annual Permit 2_str	BOBJ1	112.5933	After	Interior Girder 3	56.1733	0.95	1	1	2.305699
Annual Permit 2_str	BOBJ1	112.5933	After	Interior Girder 4	56.1733	0.95	1	1	2.305699
Annual Permit 2_str	BOBJ1	112.5933	After	Interior Girder 5	56.1733	0.95	1	1	2.350594
Annual Permit 2_str	BOBJ1	112.5933	After	Interior Girder 6	56.1733	0.95	1	1	2.10942
Annual Permit 2_str	BOBJ1	112.5933	After	Right Exterior Girder	56.1733	0.95	1	1	2.030004
Annual Permit 2_str	BOBJ1	115.3396	Before	Left Exterior Girder	58.9196	0.95	1	1	1.616474
Annual Permit 2_str	BOBJ1	115.3396	Before	Right Exterior Girder	58.9196	0.95	1	1	1.616474
Annual Permit 2_str	BOBJ1	115.3396	After	Left Exterior Girder	58.9196	0.95	1	1	3.61176
Annual Permit 2_str	BOBJ1	115.3396	After	Right Exterior Girder	58.9196	0.95	1	1	3.61176
Annual Permit 2_str	BOBJ1	118.2167	Before	Left Exterior Girder	61.7967	0.95	1	1	3.104426
Annual Permit 2_str	BOBJ1	118.2167	Before	Interior Girder 1	61.9198	0.95	1	1	1.469754
Annual Permit 2_str	BOBJ1	118.2167	Before	Interior Girder 2	61.9198	0.95	1	1	1.640785
Annual Permit 2_str	BOBJ1	118.2167	Before	Interior Girder 3	61.9198	0.95	1	1	1.482941
Annual Permit 2_str	BOBJ1	118.2167	Before	Interior Girder 4	61.9198	0.95	1	1	1.482941
Annual Permit 2_str	BOBJ1	118.2167	Before	Interior Girder 5	61.9198	0.95	1	1	1.640785
Annual Permit 2_str	BOBJ1	118.2167	Before	Interior Girder 6	61.9198	0.95	1	1	1.469754
Annual Permit 2_str	BOBJ1	118.2167	Before	Right Exterior Girder	61.7967	0.95	1	1	3.104426
Annual Permit 2_str	BOBJ1	118.2167	After	Left Exterior Girder	61.7967	0.95	1	1	3.121815
Annual Permit 2_str	BOBJ1	118.2167	After	Interior Girder 1	61.9198	0.95	1	1	2.25829
Annual Permit 2_str	BOBJ1	118.2167	After	Interior Girder 2	61.9198	0.95	1	1	2.461861
Annual Permit 2_str	BOBJ1	118.2167	After	Interior Girder 3	61.9198	0.95	1	1	2.251599
Annual Permit 2_str	BOBJ1	118.2167	After	Interior Girder 4	61.9198	0.95	1	1	2.251599
Annual Permit 2_str	BOBJ1	118.2167	After	Interior Girder 5	61.9198	0.95	1	1	2.461861
Annual Permit 2_str	BOBJ1	118.2167	After	Interior Girder 6	61.9198	0.95	1	1	2.25829
Annual Permit 2_str	BOBJ1	118.2167	After	Right Exterior Girder	61.7967	0.95	1	1	3.121815
Annual Permit 2_str	BOBJ1	123.84	Before	Left Exterior Girder	67.42	0.95	1	1	1.873365
Annual Permit 2_str	BOBJ1	123.84	Before	Interior Girder 1	67.42	0.95	1	1	1.182544
Annual Permit 2_str	BOBJ1	123.84	Before	Interior Girder 2	67.42	0.95	1	1	1.209742
Annual Permit 2_str	BOBJ1	123.84	Before	Interior Girder 3	67.42	0.95	1	1	0.943474
Annual Permit 2_str	BOBJ1	123.84	Before	Interior Girder 4	67.42	0.95	1	1	0.943474
Annual Permit 2_str	BOBJ1	123.84	Before	Interior Girder 5	67.42	0.95	1	1	1.209742
Annual Permit 2_str	BOBJ1	123.84	Before	Interior Girder 6	67.42	0.95	1	1	1.182544
Annual Permit 2_str	BOBJ1	123.84	Before	Right Exterior Girder	67.42	0.95	1	1	1.873365
Annual Permit 2_str	BOBJ1	123.84	After	Left Exterior Girder	0	0.95	1	1	2.000947
Annual Permit 2_str	BOBJ1	123.84	After	Interior Girder 1	0	0.95	1	1	1.278115
Annual Permit 2_str	BOBJ1	123.84	After	Interior Girder 2	0	0.95	1	1	1.307641
Annual Permit 2_str	BOBJ1	123.84	After	Interior Girder 3	0	0.95	1	1	1.01714
Annual Permit 2_str	BOBJ1	123.84	After	Interior Girder 4	0	0.95	1	1	1.01714
Annual Permit 2_str	BOBJ1	123.84	After	Interior Girder 5	0	0.95	1	1	1.307641
Annual Permit 2_str	BOBJ1	123.84	After	Interior Girder 6	0	0.95	1	1	1.278115
Annual Permit 2_str	BOBJ1	123.84	After	Right Exterior Girder	0	0.95	1	1	2.000947
Annual Permit 2_str	BOBJ1	129.34	Before	Interior Girder 1	5.5	0.95	1	1	2.426416
Annual Permit 2_str	BOBJ1	129.34	Before	Interior Girder 2	5.5	0.95	1	1	2.649786
Annual Permit 2_str	BOBJ1	129.34	Before	Interior Girder 3	5.5	0.95	1	1	2.421008
Annual Permit 2_str	BOBJ1	129.34	Before	Interior Girder 4	5.5	0.95	1	1	2.421008

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelINonCompStrgth-Flx - Approach, Span 12-1									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Annual Permit 2_str	BOBJ1	129.34	Before	Interior Girder 5	5.5	0.95	1	1	2.649786
Annual Permit 2_str	BOBJ1	129.34	Before	Interior Girder 6	5.5	0.95	1	1	2.426416
Annual Permit 2_str	BOBJ1	129.34	After	Interior Girder 1	5.5	0.95	1	1	1.608924
Annual Permit 2_str	BOBJ1	129.34	After	Interior Girder 2	5.5	0.95	1	1	1.77403
Annual Permit 2_str	BOBJ1	129.34	After	Interior Girder 3	5.5	0.95	1	1	1.605716
Annual Permit 2_str	BOBJ1	129.34	After	Interior Girder 4	5.5	0.95	1	1	1.605716
Annual Permit 2_str	BOBJ1	129.34	After	Interior Girder 5	5.5	0.95	1	1	1.77403
Annual Permit 2_str	BOBJ1	129.34	After	Interior Girder 6	5.5	0.95	1	1	1.608924
Annual Permit 2_str	BOBJ1	130.79	Before	Left Exterior Girder	6.95	0.95	1	1	3.58706
Annual Permit 2_str	BOBJ1	130.79	Before	Interior Girder 1	6.95	0.95	1	1	1.786213
Annual Permit 2_str	BOBJ1	130.79	Before	Interior Girder 2	6.95	0.95	1	1	1.951133
Annual Permit 2_str	BOBJ1	130.79	Before	Interior Girder 3	6.95	0.95	1	1	1.816117
Annual Permit 2_str	BOBJ1	130.79	Before	Interior Girder 4	6.95	0.95	1	1	1.816117
Annual Permit 2_str	BOBJ1	130.79	Before	Interior Girder 5	6.95	0.95	1	1	1.951133
Annual Permit 2_str	BOBJ1	130.79	Before	Interior Girder 6	6.95	0.95	1	1	1.786213
Annual Permit 2_str	BOBJ1	130.79	Before	Right Exterior Girder	6.95	0.95	1	1	3.58706
Annual Permit 2_str	BOBJ1	130.79	After	Left Exterior Girder	6.95	0.95	1	1	3.611431
Annual Permit 2_str	BOBJ1	130.79	After	Interior Girder 1	6.95	0.95	1	1	1.780144
Annual Permit 2_str	BOBJ1	130.79	After	Interior Girder 2	6.95	0.95	1	1	1.96678
Annual Permit 2_str	BOBJ1	130.79	After	Interior Girder 3	6.95	0.95	1	1	1.827763
Annual Permit 2_str	BOBJ1	130.79	After	Interior Girder 4	6.95	0.95	1	1	1.827763
Annual Permit 2_str	BOBJ1	130.79	After	Interior Girder 5	6.95	0.95	1	1	1.96678
Annual Permit 2_str	BOBJ1	130.79	After	Interior Girder 6	6.95	0.95	1	1	1.780144
Annual Permit 2_str	BOBJ1	130.79	After	Right Exterior Girder	6.95	0.95	1	1	3.611431
Annual Permit 2_str	BOBJ1	132.34	Before	Left Exterior Girder	8.5	0.95	1	1	3.927687
Annual Permit 2_str	BOBJ1	132.34	Before	Right Exterior Girder	8.5	0.95	1	1	3.927687
Annual Permit 2_str	BOBJ1	132.34	After	Left Exterior Girder	8.5	0.95	1	1	1.752835
Annual Permit 2_str	BOBJ1	132.34	After	Right Exterior Girder	8.5	0.95	1	1	1.752835
Annual Permit 2_str	BOBJ1	137.74	Before	Left Exterior Girder	13.9	0.95	1	1	2.594199
Annual Permit 2_str	BOBJ1	137.74	Before	Interior Girder 1	13.9	0.95	1	1	2.638668
Annual Permit 2_str	BOBJ1	137.74	Before	Interior Girder 2	13.9	0.95	1	1	2.96495
Annual Permit 2_str	BOBJ1	137.74	Before	Interior Girder 3	13.9	0.95	1	1	2.799552
Annual Permit 2_str	BOBJ1	137.74	Before	Interior Girder 4	13.9	0.95	1	1	2.799552
Annual Permit 2_str	BOBJ1	137.74	Before	Interior Girder 5	13.9	0.95	1	1	2.96495
Annual Permit 2_str	BOBJ1	137.74	Before	Interior Girder 6	13.9	0.95	1	1	2.638668
Annual Permit 2_str	BOBJ1	137.74	Before	Right Exterior Girder	13.9	0.95	1	1	2.594199
Annual Permit 2_str	BOBJ1	137.74	After	Left Exterior Girder	13.9	0.95	1	1	2.825773
Annual Permit 2_str	BOBJ1	137.74	After	Interior Girder 1	13.9	0.95	1	1	2.929034
Annual Permit 2_str	BOBJ1	137.74	After	Interior Girder 2	13.9	0.95	1	1	3.064813
Annual Permit 2_str	BOBJ1	137.74	After	Interior Girder 3	13.9	0.95	1	1	2.896431
Annual Permit 2_str	BOBJ1	137.74	After	Interior Girder 4	13.9	0.95	1	1	2.896431
Annual Permit 2_str	BOBJ1	137.74	After	Interior Girder 5	13.9	0.95	1	1	3.064813
Annual Permit 2_str	BOBJ1	137.74	After	Interior Girder 6	13.9	0.95	1	1	2.929034
Annual Permit 2_str	BOBJ1	137.74	After	Right Exterior Girder	13.9	0.95	1	1	2.825773
Annual Permit 2_str	BOBJ1	143.7733	Before	Left Exterior Girder	19.9333	0.95	1	1	2.20515
Annual Permit 2_str	BOBJ1	143.7733	Before	Interior Girder 1	19.9333	0.95	1	1	1.753279
Annual Permit 2_str	BOBJ1	143.7733	Before	Interior Girder 2	19.9333	0.95	1	1	1.77209
Annual Permit 2_str	BOBJ1	143.7733	Before	Interior Girder 3	19.9333	0.95	1	1	1.632963
Annual Permit 2_str	BOBJ1	143.7733	Before	Interior Girder 4	19.9333	0.95	1	1	1.632963
Annual Permit 2_str	BOBJ1	143.7733	Before	Interior Girder 5	19.9333	0.95	1	1	1.77209
Annual Permit 2_str	BOBJ1	143.7733	Before	Interior Girder 6	19.9333	0.95	1	1	1.753279
Annual Permit 2_str	BOBJ1	143.7733	Before	Right Exterior Girder	19.9333	0.95	1	1	2.20515
Annual Permit 2_str	BOBJ1	143.7733	After	Left Exterior Girder	19.9333	0.95	1	1	2.258367
Annual Permit 2_str	BOBJ1	143.7733	After	Interior Girder 1	19.9333	0.95	1	1	1.727503
Annual Permit 2_str	BOBJ1	143.7733	After	Interior Girder 2	19.9333	0.95	1	1	1.770587
Annual Permit 2_str	BOBJ1	143.7733	After	Interior Girder 3	19.9333	0.95	1	1	1.658547
Annual Permit 2_str	BOBJ1	143.7733	After	Interior Girder 4	19.9333	0.95	1	1	1.658547
Annual Permit 2_str	BOBJ1	143.7733	After	Interior Girder 5	19.9333	0.95	1	1	1.770587
Annual Permit 2_str	BOBJ1	143.7733	After	Interior Girder 6	19.9333	0.95	1	1	1.727503
Annual Permit 2_str	BOBJ1	143.7733	After	Right Exterior Girder	19.9333	0.95	1	1	2.258367
Annual Permit 2_str	BOBJ1	149.8067	Before	Left Exterior Girder	25.9667	0.95	1	1	1.55069
Annual Permit 2_str	BOBJ1	149.8067	Before	Interior Girder 1	25.9667	0.95	1	1	1.322906
Annual Permit 2_str	BOBJ1	149.8067	Before	Interior Girder 2	25.9667	0.95	1	1	1.39081
Annual Permit 2_str	BOBJ1	149.8067	Before	Interior Girder 3	25.9667	0.95	1	1	1.29348
Annual Permit 2_str	BOBJ1	149.8067	Before	Interior Girder 4	25.9667	0.95	1	1	1.29348

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelINonCompStrgth-Flx - Approach, Span 12-1									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Annual Permit 2_str	BOBJ1	149.8067	Before	Interior Girder 5	25.9667	0.95	1	1	1.39081
Annual Permit 2_str	BOBJ1	149.8067	Before	Interior Girder 6	25.9667	0.95	1	1	1.322906
Annual Permit 2_str	BOBJ1	149.8067	Before	Right Exterior Girder	25.9667	0.95	1	1	1.55069
Annual Permit 2_str	BOBJ1	149.8067	After	Left Exterior Girder	25.9667	0.95	1	1	1.559174
Annual Permit 2_str	BOBJ1	149.8067	After	Interior Girder 1	25.9667	0.95	1	1	1.32247
Annual Permit 2_str	BOBJ1	149.8067	After	Interior Girder 2	25.9667	0.95	1	1	1.400142
Annual Permit 2_str	BOBJ1	149.8067	After	Interior Girder 3	25.9667	0.95	1	1	1.312386
Annual Permit 2_str	BOBJ1	149.8067	After	Interior Girder 4	25.9667	0.95	1	1	1.312386
Annual Permit 2_str	BOBJ1	149.8067	After	Interior Girder 5	25.9667	0.95	1	1	1.400142
Annual Permit 2_str	BOBJ1	149.8067	After	Interior Girder 6	25.9667	0.95	1	1	1.32247
Annual Permit 2_str	BOBJ1	149.8067	After	Right Exterior Girder	25.9667	0.95	1	1	1.559174
Annual Permit 2_str	BOBJ1	155.84	Before	Left Exterior Girder	32	0.95	1	1	1.281839
Annual Permit 2_str	BOBJ1	155.84	Before	Interior Girder 1	32	0.95	1	1	1.243097
Annual Permit 2_str	BOBJ1	155.84	Before	Interior Girder 2	32	0.95	1	1	1.354764
Annual Permit 2_str	BOBJ1	155.84	Before	Interior Girder 3	32	0.95	1	1	1.293198
Annual Permit 2_str	BOBJ1	155.84	Before	Interior Girder 4	32	0.95	1	1	1.293198
Annual Permit 2_str	BOBJ1	155.84	Before	Interior Girder 5	32	0.95	1	1	1.354764
Annual Permit 2_str	BOBJ1	155.84	Before	Interior Girder 6	32	0.95	1	1	1.243097
Annual Permit 2_str	BOBJ1	155.84	Before	Right Exterior Girder	32	0.95	1	1	1.281839
Annual Permit 2_str	BOBJ1	155.84	After	Left Exterior Girder	32	0.95	1	1	1.289437
Annual Permit 2_str	BOBJ1	155.84	After	Interior Girder 1	32	0.95	1	1	1.236707
Annual Permit 2_str	BOBJ1	155.84	After	Interior Girder 2	32	0.95	1	1	1.352039
Annual Permit 2_str	BOBJ1	155.84	After	Interior Girder 3	32	0.95	1	1	1.290661
Annual Permit 2_str	BOBJ1	155.84	After	Interior Girder 4	32	0.95	1	1	1.290661
Annual Permit 2_str	BOBJ1	155.84	After	Interior Girder 5	32	0.95	1	1	1.352039
Annual Permit 2_str	BOBJ1	155.84	After	Interior Girder 6	32	0.95	1	1	1.236707
Annual Permit 2_str	BOBJ1	155.84	After	Right Exterior Girder	32	0.95	1	1	1.289437
Annual Permit 2_str	BOBJ1	161.8733	Before	Left Exterior Girder	38.0333	0.95	1	1	1.390964
Annual Permit 2_str	BOBJ1	161.8733	Before	Interior Girder 1	38.0333	0.95	1	1	1.222993
Annual Permit 2_str	BOBJ1	161.8733	Before	Interior Girder 2	38.0333	0.95	1	1	1.301813
Annual Permit 2_str	BOBJ1	161.8733	Before	Interior Girder 3	38.0333	0.95	1	1	1.226631
Annual Permit 2_str	BOBJ1	161.8733	Before	Interior Girder 4	38.0333	0.95	1	1	1.226631
Annual Permit 2_str	BOBJ1	161.8733	Before	Interior Girder 5	38.0333	0.95	1	1	1.301813
Annual Permit 2_str	BOBJ1	161.8733	Before	Interior Girder 6	38.0333	0.95	1	1	1.222993
Annual Permit 2_str	BOBJ1	161.8733	Before	Right Exterior Girder	38.0333	0.95	1	1	1.390964
Annual Permit 2_str	BOBJ1	161.8733	After	Left Exterior Girder	38.0333	0.95	1	1	1.390936
Annual Permit 2_str	BOBJ1	161.8733	After	Interior Girder 1	38.0333	0.95	1	1	1.218597
Annual Permit 2_str	BOBJ1	161.8733	After	Interior Girder 2	38.0333	0.95	1	1	1.294778
Annual Permit 2_str	BOBJ1	161.8733	After	Interior Girder 3	38.0333	0.95	1	1	1.214625
Annual Permit 2_str	BOBJ1	161.8733	After	Interior Girder 4	38.0333	0.95	1	1	1.214625
Annual Permit 2_str	BOBJ1	161.8733	After	Interior Girder 5	38.0333	0.95	1	1	1.294778
Annual Permit 2_str	BOBJ1	161.8733	After	Interior Girder 6	38.0333	0.95	1	1	1.218597
Annual Permit 2_str	BOBJ1	161.8733	After	Right Exterior Girder	38.0333	0.95	1	1	1.390936
Annual Permit 2_str	BOBJ1	167.9067	Before	Left Exterior Girder	44.0667	0.95	1	1	1.77748
Annual Permit 2_str	BOBJ1	167.9067	Before	Interior Girder 1	44.0667	0.95	1	1	1.441617
Annual Permit 2_str	BOBJ1	167.9067	Before	Interior Girder 2	44.0667	0.95	1	1	1.494979
Annual Permit 2_str	BOBJ1	167.9067	Before	Interior Girder 3	44.0667	0.95	1	1	1.39805
Annual Permit 2_str	BOBJ1	167.9067	Before	Interior Girder 4	44.0667	0.95	1	1	1.39805
Annual Permit 2_str	BOBJ1	167.9067	Before	Interior Girder 5	44.0667	0.95	1	1	1.494979
Annual Permit 2_str	BOBJ1	167.9067	Before	Interior Girder 6	44.0667	0.95	1	1	1.441617
Annual Permit 2_str	BOBJ1	167.9067	Before	Right Exterior Girder	44.0667	0.95	1	1	1.77748
Annual Permit 2_str	BOBJ1	167.9067	After	Left Exterior Girder	44.0667	0.95	1	1	1.736334
Annual Permit 2_str	BOBJ1	167.9067	After	Interior Girder 1	44.0667	0.95	1	1	1.458462
Annual Permit 2_str	BOBJ1	167.9067	After	Interior Girder 2	44.0667	0.95	1	1	1.502378
Annual Permit 2_str	BOBJ1	167.9067	After	Interior Girder 3	44.0667	0.95	1	1	1.387159
Annual Permit 2_str	BOBJ1	167.9067	After	Interior Girder 4	44.0667	0.95	1	1	1.387159
Annual Permit 2_str	BOBJ1	167.9067	After	Interior Girder 5	44.0667	0.95	1	1	1.502378
Annual Permit 2_str	BOBJ1	167.9067	After	Interior Girder 6	44.0667	0.95	1	1	1.458462
Annual Permit 2_str	BOBJ1	167.9067	After	Right Exterior Girder	44.0667	0.95	1	1	1.736334
Annual Permit 2_str	BOBJ1	173.94	Before	Left Exterior Girder	50.1	0.95	1	1	2.661221
Annual Permit 2_str	BOBJ1	173.94	Before	Interior Girder 1	50.1	0.95	1	1	2.220847
Annual Permit 2_str	BOBJ1	173.94	Before	Interior Girder 2	50.1	0.95	1	1	2.25059
Annual Permit 2_str	BOBJ1	173.94	Before	Interior Girder 3	50.1	0.95	1	1	2.119404
Annual Permit 2_str	BOBJ1	173.94	Before	Interior Girder 4	50.1	0.95	1	1	2.119404
Annual Permit 2_str	BOBJ1	173.94	Before	Interior Girder 5	50.1	0.95	1	1	2.25059

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelINonCompStrgth-Flx - Approach, Span 12-1									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Annual Permit 2_str	BOBJ1	173.94	Before	Interior Girder 6	50.1	0.95	1	1	2.220847
Annual Permit 2_str	BOBJ1	173.94	Before	Right Exterior Girder	50.1	0.95	1	1	2.661221
Annual Permit 2_str	BOBJ1	173.94	After	Left Exterior Girder	50.1	0.95	1	1	2.63656
Annual Permit 2_str	BOBJ1	173.94	After	Interior Girder 1	50.1	0.95	1	1	2.239395
Annual Permit 2_str	BOBJ1	173.94	After	Interior Girder 2	50.1	0.95	1	1	2.228636
Annual Permit 2_str	BOBJ1	173.94	After	Interior Girder 3	50.1	0.95	1	1	2.052338
Annual Permit 2_str	BOBJ1	173.94	After	Interior Girder 4	50.1	0.95	1	1	2.052338
Annual Permit 2_str	BOBJ1	173.94	After	Interior Girder 5	50.1	0.95	1	1	2.228636
Annual Permit 2_str	BOBJ1	173.94	After	Interior Girder 6	50.1	0.95	1	1	2.239395
Annual Permit 2_str	BOBJ1	173.94	After	Right Exterior Girder	50.1	0.95	1	1	2.63656
Annual Permit 2_str	BOBJ1	179.98	Before	Left Exterior Girder	56.14	0.95	1	1	2.893683
Annual Permit 2_str	BOBJ1	179.98	Before	Interior Girder 1	56.14	0.95	1	1	2.950335
Annual Permit 2_str	BOBJ1	179.98	Before	Interior Girder 2	56.14	0.95	1	1	3.215119
Annual Permit 2_str	BOBJ1	179.98	Before	Interior Girder 3	56.14	0.95	1	1	3.066641
Annual Permit 2_str	BOBJ1	179.98	Before	Interior Girder 4	56.14	0.95	1	1	3.066641
Annual Permit 2_str	BOBJ1	179.98	Before	Interior Girder 5	56.14	0.95	1	1	3.215119
Annual Permit 2_str	BOBJ1	179.98	Before	Interior Girder 6	56.14	0.95	1	1	2.950335
Annual Permit 2_str	BOBJ1	179.98	Before	Right Exterior Girder	56.14	0.95	1	1	2.893683
Annual Permit 2_str	BOBJ1	179.98	After	Left Exterior Girder	56.14	0.95	1	1	2.930525
Annual Permit 2_str	BOBJ1	179.98	After	Interior Girder 1	56.14	0.95	1	1	2.92302
Annual Permit 2_str	BOBJ1	179.98	After	Interior Girder 2	56.14	0.95	1	1	3.170098
Annual Permit 2_str	BOBJ1	179.98	After	Interior Girder 3	56.14	0.95	1	1	3.02935
Annual Permit 2_str	BOBJ1	179.98	After	Interior Girder 4	56.14	0.95	1	1	3.02935
Annual Permit 2_str	BOBJ1	179.98	After	Interior Girder 5	56.14	0.95	1	1	3.170098
Annual Permit 2_str	BOBJ1	179.98	After	Interior Girder 6	56.14	0.95	1	1	2.92302
Annual Permit 2_str	BOBJ1	179.98	After	Right Exterior Girder	56.14	0.95	1	1	2.930525
Annual Permit 2_str	BOBJ1	183.56	Before	Left Exterior Girder	59.72	0.95	1	1	2.190735
Annual Permit 2_str	BOBJ1	183.56	Before	Right Exterior Girder	59.72	0.95	1	1	2.190735
Annual Permit 2_str	BOBJ1	183.56	After	Left Exterior Girder	59.72	0.95	1	1	5.30653
Annual Permit 2_str	BOBJ1	183.56	After	Right Exterior Girder	59.72	0.95	1	1	5.30653
Annual Permit 2_str	BOBJ1	186.02	Before	Left Exterior Girder	62.18	0.95	1	1	4.65799
Annual Permit 2_str	BOBJ1	186.02	Before	Interior Girder 1	62.22	0.95	1	1	1.921178
Annual Permit 2_str	BOBJ1	186.02	Before	Interior Girder 2	62.22	0.95	1	1	2.04002
Annual Permit 2_str	BOBJ1	186.02	Before	Interior Girder 3	62.22	0.95	1	1	1.70567
Annual Permit 2_str	BOBJ1	186.02	Before	Interior Girder 4	62.22	0.95	1	1	1.70567
Annual Permit 2_str	BOBJ1	186.02	Before	Interior Girder 5	62.22	0.95	1	1	2.04002
Annual Permit 2_str	BOBJ1	186.02	Before	Interior Girder 6	62.22	0.95	1	1	1.921178
Annual Permit 2_str	BOBJ1	186.02	Before	Right Exterior Girder	62.18	0.95	1	1	4.65799
Annual Permit 2_str	BOBJ1	186.02	After	Left Exterior Girder	62.18	0.95	1	1	4.710504
Annual Permit 2_str	BOBJ1	186.02	After	Interior Girder 1	62.22	0.95	1	1	3.161299
Annual Permit 2_str	BOBJ1	186.02	After	Interior Girder 2	62.22	0.95	1	1	3.282761
Annual Permit 2_str	BOBJ1	186.02	After	Interior Girder 3	62.22	0.95	1	1	2.841323
Annual Permit 2_str	BOBJ1	186.02	After	Interior Girder 4	62.22	0.95	1	1	2.841323
Annual Permit 2_str	BOBJ1	186.02	After	Interior Girder 5	62.22	0.95	1	1	3.282761
Annual Permit 2_str	BOBJ1	186.02	After	Interior Girder 6	62.22	0.95	1	1	3.161299
Annual Permit 2_str	BOBJ1	186.02	After	Right Exterior Girder	62.18	0.95	1	1	4.710504
Annual Permit 2_str	BOBJ1	192.06	Before	Left Exterior Girder	68.22	0.95	1	1	1.98252
Annual Permit 2_str	BOBJ1	192.06	Before	Interior Girder 1	68.22	0.95	1	1	1.242243
Annual Permit 2_str	BOBJ1	192.06	Before	Interior Girder 2	68.22	0.95	1	1	1.26744
Annual Permit 2_str	BOBJ1	192.06	Before	Interior Girder 3	68.22	0.95	1	1	0.985544
Annual Permit 2_str	BOBJ1	192.06	Before	Interior Girder 4	68.22	0.95	1	1	0.985544
Annual Permit 2_str	BOBJ1	192.06	Before	Interior Girder 5	68.22	0.95	1	1	1.26744
Annual Permit 2_str	BOBJ1	192.06	Before	Interior Girder 6	68.22	0.95	1	1	1.242243
Annual Permit 2_str	BOBJ1	192.06	Before	Right Exterior Girder	68.22	0.95	1	1	1.98252
Annual Permit 2_str	BOBJ1	192.06	After	Left Exterior Girder	0	0.95	1	1	2.423927
Annual Permit 2_str	BOBJ1	192.06	After	Interior Girder 1	0	0.95	1	1	1.608335
Annual Permit 2_str	BOBJ1	192.06	After	Interior Girder 2	0	0.95	1	1	1.63542
Annual Permit 2_str	BOBJ1	192.06	After	Interior Girder 3	0	0.95	1	1	1.282789
Annual Permit 2_str	BOBJ1	192.06	After	Interior Girder 4	0	0.95	1	1	1.282789
Annual Permit 2_str	BOBJ1	192.06	After	Interior Girder 5	0	0.95	1	1	1.63542
Annual Permit 2_str	BOBJ1	192.06	After	Interior Girder 6	0	0.95	1	1	1.608335
Annual Permit 2_str	BOBJ1	192.06	After	Right Exterior Girder	0	0.95	1	1	2.423927
Annual Permit 2_str	BOBJ1	197.087	Before	Interior Girder 1	5.027	0.95	1	1	2.519388
Annual Permit 2_str	BOBJ1	197.087	Before	Interior Girder 2	5.027	0.95	1	1	2.735961
Annual Permit 2_str	BOBJ1	197.087	Before	Interior Girder 3	5.027	0.95	1	1	2.574094

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelINonCompStrgth-Flx - Approach, Span 12-1									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Annual Permit 2_str	BOBJ1	197.087	Before	Interior Girder 4	5.027	0.95	1	1	2.574094
Annual Permit 2_str	BOBJ1	197.087	Before	Interior Girder 5	5.027	0.95	1	1	2.735961
Annual Permit 2_str	BOBJ1	197.087	Before	Interior Girder 6	5.027	0.95	1	1	2.519388
Annual Permit 2_str	BOBJ1	197.087	After	Interior Girder 1	5.027	0.95	1	1	1.57429
Annual Permit 2_str	BOBJ1	197.087	After	Interior Girder 2	5.027	0.95	1	1	1.720302
Annual Permit 2_str	BOBJ1	197.087	After	Interior Girder 3	5.027	0.95	1	1	1.609756
Annual Permit 2_str	BOBJ1	197.087	After	Interior Girder 4	5.027	0.95	1	1	1.609756
Annual Permit 2_str	BOBJ1	197.087	After	Interior Girder 5	5.027	0.95	1	1	1.720302
Annual Permit 2_str	BOBJ1	197.087	After	Interior Girder 6	5.027	0.95	1	1	1.57429
Annual Permit 2_str	BOBJ1	197.91	Before	Left Exterior Girder	5.85	0.95	1	1	3.534357
Annual Permit 2_str	BOBJ1	197.91	Before	Interior Girder 1	5.85	0.95	1	1	1.664706
Annual Permit 2_str	BOBJ1	197.91	Before	Interior Girder 2	5.85	0.95	1	1	1.80641
Annual Permit 2_str	BOBJ1	197.91	Before	Interior Girder 3	5.85	0.95	1	1	1.723948
Annual Permit 2_str	BOBJ1	197.91	Before	Interior Girder 4	5.85	0.95	1	1	1.723948
Annual Permit 2_str	BOBJ1	197.91	Before	Interior Girder 5	5.85	0.95	1	1	1.80641
Annual Permit 2_str	BOBJ1	197.91	Before	Interior Girder 6	5.85	0.95	1	1	1.664706
Annual Permit 2_str	BOBJ1	197.91	Before	Right Exterior Girder	5.85	0.95	1	1	3.534357
Annual Permit 2_str	BOBJ1	197.91	After	Left Exterior Girder	5.85	0.95	1	1	2.993876
Annual Permit 2_str	BOBJ1	197.91	After	Interior Girder 1	5.85	0.95	1	1	1.387375
Annual Permit 2_str	BOBJ1	197.91	After	Interior Girder 2	5.85	0.95	1	1	1.52051
Annual Permit 2_str	BOBJ1	197.91	After	Interior Girder 3	5.85	0.95	1	1	1.437007
Annual Permit 2_str	BOBJ1	197.91	After	Interior Girder 4	5.85	0.95	1	1	1.437007
Annual Permit 2_str	BOBJ1	197.91	After	Interior Girder 5	5.85	0.95	1	1	1.52051
Annual Permit 2_str	BOBJ1	197.91	After	Interior Girder 6	5.85	0.95	1	1	1.387375
Annual Permit 2_str	BOBJ1	197.91	After	Right Exterior Girder	5.85	0.95	1	1	2.993876
Annual Permit 2_str	BOBJ1	199.1816	Before	Left Exterior Girder	7.1216	0.95	1	1	3.206884
Annual Permit 2_str	BOBJ1	199.1816	Before	Right Exterior Girder	7.1216	0.95	1	1	3.206884
Annual Permit 2_str	BOBJ1	199.1816	After	Left Exterior Girder	7.1216	0.95	1	1	1.285041
Annual Permit 2_str	BOBJ1	199.1816	After	Right Exterior Girder	7.1216	0.95	1	1	1.285041
Annual Permit 2_str	BOBJ1	203.5267	Before	Left Exterior Girder	11.3107	0.95	1	1	1.853531
Annual Permit 2_str	BOBJ1	203.5267	Before	Interior Girder 1	11.3107	0.95	1	1	1.967526
Annual Permit 2_str	BOBJ1	203.5267	Before	Interior Girder 2	11.3107	0.95	1	1	2.17374
Annual Permit 2_str	BOBJ1	203.5267	Before	Interior Girder 3	11.3107	0.95	1	1	2.175096
Annual Permit 2_str	BOBJ1	203.5267	Before	Interior Girder 4	11.3107	0.95	1	1	2.175096
Annual Permit 2_str	BOBJ1	203.5267	Before	Interior Girder 5	11.3107	0.95	1	1	2.17374
Annual Permit 2_str	BOBJ1	203.5267	Before	Interior Girder 6	11.3107	0.95	1	1	1.967526
Annual Permit 2_str	BOBJ1	203.5267	Before	Right Exterior Girder	11.3107	0.95	1	1	1.853531
Annual Permit 2_str	BOBJ1	203.5267	After	Left Exterior Girder	11.3107	0.95	1	1	2.979616
Annual Permit 2_str	BOBJ1	203.5267	After	Interior Girder 1	11.3107	0.95	1	1	3.12866
Annual Permit 2_str	BOBJ1	203.5267	After	Interior Girder 2	11.3107	0.95	1	1	3.47571
Annual Permit 2_str	BOBJ1	203.5267	After	Interior Girder 3	11.3107	0.95	1	1	3.484075
Annual Permit 2_str	BOBJ1	203.5267	After	Interior Girder 4	11.3107	0.95	1	1	3.484075
Annual Permit 2_str	BOBJ1	203.5267	After	Interior Girder 5	11.3107	0.95	1	1	3.47571
Annual Permit 2_str	BOBJ1	203.5267	After	Interior Girder 6	11.3107	0.95	1	1	3.12866
Annual Permit 2_str	BOBJ1	203.5267	After	Right Exterior Girder	11.3107	0.95	1	1	2.979616
Annual Permit 2_str	BOBJ1	209.1433	Before	Left Exterior Girder	17.0833	0.95	1	1	3.807008
Annual Permit 2_str	BOBJ1	209.1433	Before	Interior Girder 1	17.0833	0.95	1	1	2.82067
Annual Permit 2_str	BOBJ1	209.1433	Before	Interior Girder 2	17.0833	0.95	1	1	2.823234
Annual Permit 2_str	BOBJ1	209.1433	Before	Interior Girder 3	17.0833	0.95	1	1	2.611824
Annual Permit 2_str	BOBJ1	209.1433	Before	Interior Girder 4	17.0833	0.95	1	1	2.611824
Annual Permit 2_str	BOBJ1	209.1433	Before	Interior Girder 5	17.0833	0.95	1	1	2.823234
Annual Permit 2_str	BOBJ1	209.1433	Before	Interior Girder 6	17.0833	0.95	1	1	2.82067
Annual Permit 2_str	BOBJ1	209.1433	Before	Right Exterior Girder	17.0833	0.95	1	1	3.807008
Annual Permit 2_str	BOBJ1	209.1433	After	Left Exterior Girder	17.0833	0.95	1	1	3.797203
Annual Permit 2_str	BOBJ1	209.1433	After	Interior Girder 1	17.0833	0.95	1	1	2.832961
Annual Permit 2_str	BOBJ1	209.1433	After	Interior Girder 2	17.0833	0.95	1	1	2.874301
Annual Permit 2_str	BOBJ1	209.1433	After	Interior Girder 3	17.0833	0.95	1	1	2.689315
Annual Permit 2_str	BOBJ1	209.1433	After	Interior Girder 4	17.0833	0.95	1	1	2.689315
Annual Permit 2_str	BOBJ1	209.1433	After	Interior Girder 5	17.0833	0.95	1	1	2.874301
Annual Permit 2_str	BOBJ1	209.1433	After	Interior Girder 6	17.0833	0.95	1	1	2.832961
Annual Permit 2_str	BOBJ1	209.1433	After	Right Exterior Girder	17.0833	0.95	1	1	3.797203
Annual Permit 2_str	BOBJ1	214.76	Before	Left Exterior Girder	22.7	0.95	1	1	2.581503
Annual Permit 2_str	BOBJ1	214.76	Before	Interior Girder 1	22.7	0.95	1	1	2.187362
Annual Permit 2_str	BOBJ1	214.76	Before	Interior Girder 2	22.7	0.95	1	1	2.284572
Annual Permit 2_str	BOBJ1	214.76	Before	Interior Girder 3	22.7	0.95	1	1	2.12723

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelINonCompStrgth-Flx - Approach, Span 12-1									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Annual Permit 2_str	BOBJ1	214.76	Before	Interior Girder 4	22.7	0.95	1	1	2.12723
Annual Permit 2_str	BOBJ1	214.76	Before	Interior Girder 5	22.7	0.95	1	1	2.284572
Annual Permit 2_str	BOBJ1	214.76	Before	Interior Girder 6	22.7	0.95	1	1	2.187362
Annual Permit 2_str	BOBJ1	214.76	Before	Right Exterior Girder	22.7	0.95	1	1	2.581503
Annual Permit 2_str	BOBJ1	214.76	After	Left Exterior Girder	22.7	0.95	1	1	2.602163
Annual Permit 2_str	BOBJ1	214.76	After	Interior Girder 1	22.7	0.95	1	1	2.178259
Annual Permit 2_str	BOBJ1	214.76	After	Interior Girder 2	22.7	0.95	1	1	2.290712
Annual Permit 2_str	BOBJ1	214.76	After	Interior Girder 3	22.7	0.95	1	1	2.144816
Annual Permit 2_str	BOBJ1	214.76	After	Interior Girder 4	22.7	0.95	1	1	2.144816
Annual Permit 2_str	BOBJ1	214.76	After	Interior Girder 5	22.7	0.95	1	1	2.290712
Annual Permit 2_str	BOBJ1	214.76	After	Interior Girder 6	22.7	0.95	1	1	2.178259
Annual Permit 2_str	BOBJ1	214.76	After	Right Exterior Girder	22.7	0.95	1	1	2.602163
Annual Permit 2_str	BOBJ1	220.3767	Before	Left Exterior Girder	28.3167	0.95	1	1	2.256066
Annual Permit 2_str	BOBJ1	220.3767	Before	Interior Girder 1	28.3167	0.95	1	1	1.851814
Annual Permit 2_str	BOBJ1	220.3767	Before	Interior Girder 2	28.3167	0.95	1	1	1.942138
Annual Permit 2_str	BOBJ1	220.3767	Before	Interior Girder 3	28.3167	0.95	1	1	1.800633
Annual Permit 2_str	BOBJ1	220.3767	Before	Interior Girder 4	28.3167	0.95	1	1	1.800633
Annual Permit 2_str	BOBJ1	220.3767	Before	Interior Girder 5	28.3167	0.95	1	1	1.942138
Annual Permit 2_str	BOBJ1	220.3767	Before	Interior Girder 6	28.3167	0.95	1	1	1.851814
Annual Permit 2_str	BOBJ1	220.3767	Before	Right Exterior Girder	28.3167	0.95	1	1	2.256066
Annual Permit 2_str	BOBJ1	220.3767	After	Left Exterior Girder	28.3167	0.95	1	1	2.271464
Annual Permit 2_str	BOBJ1	220.3767	After	Interior Girder 1	28.3167	0.95	1	1	1.844343
Annual Permit 2_str	BOBJ1	220.3767	After	Interior Girder 2	28.3167	0.95	1	1	1.940057
Annual Permit 2_str	BOBJ1	220.3767	After	Interior Girder 3	28.3167	0.95	1	1	1.803618
Annual Permit 2_str	BOBJ1	220.3767	After	Interior Girder 4	28.3167	0.95	1	1	1.803618
Annual Permit 2_str	BOBJ1	220.3767	After	Interior Girder 5	28.3167	0.95	1	1	1.940057
Annual Permit 2_str	BOBJ1	220.3767	After	Interior Girder 6	28.3167	0.95	1	1	1.844343
Annual Permit 2_str	BOBJ1	220.3767	After	Right Exterior Girder	28.3167	0.95	1	1	2.271464
Annual Permit 2_str	BOBJ1	225.9933	Before	Left Exterior Girder	33.9333	0.95	1	1	2.197548
Annual Permit 2_str	BOBJ1	225.9933	Before	Interior Girder 1	33.9333	0.95	1	1	1.754258
Annual Permit 2_str	BOBJ1	225.9933	Before	Interior Girder 2	33.9333	0.95	1	1	1.838687
Annual Permit 2_str	BOBJ1	225.9933	Before	Interior Girder 3	33.9333	0.95	1	1	1.699872
Annual Permit 2_str	BOBJ1	225.9933	Before	Interior Girder 4	33.9333	0.95	1	1	1.699872
Annual Permit 2_str	BOBJ1	225.9933	Before	Interior Girder 5	33.9333	0.95	1	1	1.838687
Annual Permit 2_str	BOBJ1	225.9933	Before	Interior Girder 6	33.9333	0.95	1	1	1.754258
Annual Permit 2_str	BOBJ1	225.9933	Before	Right Exterior Girder	33.9333	0.95	1	1	2.197548
Annual Permit 2_str	BOBJ1	225.9933	After	Left Exterior Girder	33.9333	0.95	1	1	2.178256
Annual Permit 2_str	BOBJ1	225.9933	After	Interior Girder 1	33.9333	0.95	1	1	1.762445
Annual Permit 2_str	BOBJ1	225.9933	After	Interior Girder 2	33.9333	0.95	1	1	1.844077
Annual Permit 2_str	BOBJ1	225.9933	After	Interior Girder 3	33.9333	0.95	1	1	1.703099
Annual Permit 2_str	BOBJ1	225.9933	After	Interior Girder 4	33.9333	0.95	1	1	1.703099
Annual Permit 2_str	BOBJ1	225.9933	After	Interior Girder 5	33.9333	0.95	1	1	1.844077
Annual Permit 2_str	BOBJ1	225.9933	After	Interior Girder 6	33.9333	0.95	1	1	1.762445
Annual Permit 2_str	BOBJ1	225.9933	After	Right Exterior Girder	33.9333	0.95	1	1	2.178256
Annual Permit 2_str	BOBJ1	231.61	Before	Left Exterior Girder	39.55	0.95	1	1	2.331535
Annual Permit 2_str	BOBJ1	231.61	Before	Interior Girder 1	39.55	0.95	1	1	1.958391
Annual Permit 2_str	BOBJ1	231.61	Before	Interior Girder 2	39.55	0.95	1	1	2.067941
Annual Permit 2_str	BOBJ1	231.61	Before	Interior Girder 3	39.55	0.95	1	1	1.904745
Annual Permit 2_str	BOBJ1	231.61	Before	Interior Girder 4	39.55	0.95	1	1	1.904745
Annual Permit 2_str	BOBJ1	231.61	Before	Interior Girder 5	39.55	0.95	1	1	2.067941
Annual Permit 2_str	BOBJ1	231.61	Before	Interior Girder 6	39.55	0.95	1	1	1.958391
Annual Permit 2_str	BOBJ1	231.61	Before	Right Exterior Girder	39.55	0.95	1	1	2.331535
Annual Permit 2_str	BOBJ1	231.61	After	Left Exterior Girder	39.55	0.95	1	1	2.32046
Annual Permit 2_str	BOBJ1	231.61	After	Interior Girder 1	39.55	0.95	1	1	1.961177
Annual Permit 2_str	BOBJ1	231.61	After	Interior Girder 2	39.55	0.95	1	1	2.047958
Annual Permit 2_str	BOBJ1	231.61	After	Interior Girder 3	39.55	0.95	1	1	1.873448
Annual Permit 2_str	BOBJ1	231.61	After	Interior Girder 4	39.55	0.95	1	1	1.873448
Annual Permit 2_str	BOBJ1	231.61	After	Interior Girder 5	39.55	0.95	1	1	2.047958
Annual Permit 2_str	BOBJ1	231.61	After	Interior Girder 6	39.55	0.95	1	1	1.961177
Annual Permit 2_str	BOBJ1	231.61	After	Right Exterior Girder	39.55	0.95	1	1	2.32046
Annual Permit 2_str	BOBJ1	237.37	Before	Left Exterior Girder	45.31	0.95	1	1	3.162444
Annual Permit 2_str	BOBJ1	237.37	Before	Interior Girder 1	45.31	0.95	1	1	2.338685
Annual Permit 2_str	BOBJ1	237.37	Before	Interior Girder 2	45.31	0.95	1	1	2.394766
Annual Permit 2_str	BOBJ1	237.37	Before	Interior Girder 3	45.31	0.95	1	1	2.167661
Annual Permit 2_str	BOBJ1	237.37	Before	Interior Girder 4	45.31	0.95	1	1	2.167661

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelINonCompStrgth-Flx - Approach, Span 12-1									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Annual Permit 2_str	BOBJ1	237.37	Before	Interior Girder 5	45.31	0.95	1	1	2.394766
Annual Permit 2_str	BOBJ1	237.37	Before	Interior Girder 6	45.31	0.95	1	1	2.338685
Annual Permit 2_str	BOBJ1	237.37	Before	Right Exterior Girder	45.31	0.95	1	1	3.162444
Annual Permit 2_str	BOBJ1	237.37	After	Left Exterior Girder	45.31	0.95	1	1	3.165292
Annual Permit 2_str	BOBJ1	237.37	After	Interior Girder 1	45.31	0.95	1	1	2.333896
Annual Permit 2_str	BOBJ1	237.37	After	Interior Girder 2	45.31	0.95	1	1	2.332209
Annual Permit 2_str	BOBJ1	237.37	After	Interior Girder 3	45.31	0.95	1	1	2.088462
Annual Permit 2_str	BOBJ1	237.37	After	Interior Girder 4	45.31	0.95	1	1	2.088462
Annual Permit 2_str	BOBJ1	237.37	After	Interior Girder 5	45.31	0.95	1	1	2.332209
Annual Permit 2_str	BOBJ1	237.37	After	Interior Girder 6	45.31	0.95	1	1	2.333896
Annual Permit 2_str	BOBJ1	237.37	After	Right Exterior Girder	45.31	0.95	1	1	3.165292
Annual Permit 2_str	BOBJ1	243.13	Before	Left Exterior Girder	51.07	0.95	1	1	6.057744
Annual Permit 2_str	BOBJ1	243.13	Before	Interior Girder 1	51.07	0.95	1	1	3.973189
Annual Permit 2_str	BOBJ1	243.13	Before	Interior Girder 2	51.07	0.95	1	1	3.952066
Annual Permit 2_str	BOBJ1	243.13	Before	Interior Girder 3	51.07	0.95	1	1	3.525589
Annual Permit 2_str	BOBJ1	243.13	Before	Interior Girder 4	51.07	0.95	1	1	3.525589
Annual Permit 2_str	BOBJ1	243.13	Before	Interior Girder 5	51.07	0.95	1	1	3.952066
Annual Permit 2_str	BOBJ1	243.13	Before	Interior Girder 6	51.07	0.95	1	1	3.973189
Annual Permit 2_str	BOBJ1	243.13	Before	Right Exterior Girder	51.07	0.95	1	1	6.057744
Annual Permit 2_str	BOBJ1	243.13	After	Left Exterior Girder	51.07	0.95	1	1	5.94253
Annual Permit 2_str	BOBJ1	243.13	After	Interior Girder 1	51.07	0.95	1	1	3.948935
Annual Permit 2_str	BOBJ1	243.13	After	Interior Girder 2	51.07	0.95	1	1	3.795969
Annual Permit 2_str	BOBJ1	243.13	After	Interior Girder 3	51.07	0.95	1	1	3.326571
Annual Permit 2_str	BOBJ1	243.13	After	Interior Girder 4	51.07	0.95	1	1	3.326571
Annual Permit 2_str	BOBJ1	243.13	After	Interior Girder 5	51.07	0.95	1	1	3.795969
Annual Permit 2_str	BOBJ1	243.13	After	Interior Girder 6	51.07	0.95	1	1	3.948935
Annual Permit 2_str	BOBJ1	243.13	After	Right Exterior Girder	51.07	0.95	1	1	5.94253
Annual Permit 2_str	BOBJ1	248.89	Before	Left Exterior Girder	56.83	0.95	1	1	322.597487
Annual Permit 2_str	BOBJ1	248.89	Before	Interior Girder 1	56.83	0.95	1	1	315.650508
Annual Permit 2_str	BOBJ1	248.89	Before	Interior Girder 2	56.83	0.95	1	1	181.670885
Annual Permit 2_str	BOBJ1	248.89	Before	Interior Girder 3	56.83	0.95	1	1	140.974201
Annual Permit 2_str	BOBJ1	248.89	Before	Interior Girder 4	56.83	0.95	1	1	140.974201
Annual Permit 2_str	BOBJ1	248.89	Before	Interior Girder 5	56.83	0.95	1	1	181.670885
Annual Permit 2_str	BOBJ1	248.89	Before	Interior Girder 6	56.83	0.95	1	1	315.650507
Annual Permit 2_str	BOBJ1	248.89	Before	Right Exterior Girder	56.83	0.95	1	1	322.597487
Overweight Permit_str	BOBJ1	0	After	Left Exterior Girder	0	0.95	1	1	234.851137
Overweight Permit_str	BOBJ1	0	After	Interior Girder 1	0	0.95	1	1	207.334492
Overweight Permit_str	BOBJ1	0	After	Interior Girder 2	0	0.95	1	1	166.708387
Overweight Permit_str	BOBJ1	0	After	Interior Girder 3	0	0.95	1	1	142.396883
Overweight Permit_str	BOBJ1	0	After	Interior Girder 4	0	0.95	1	1	142.396883
Overweight Permit_str	BOBJ1	0	After	Interior Girder 5	0	0.95	1	1	166.708387
Overweight Permit_str	BOBJ1	0	After	Interior Girder 6	0	0.95	1	1	207.334492
Overweight Permit_str	BOBJ1	0	After	Right Exterior Girder	0	0.95	1	1	234.851137
Overweight Permit_str	BOBJ1	5.85	Before	Left Exterior Girder	5.85	0.95	1	1	4.697694
Overweight Permit_str	BOBJ1	5.85	Before	Interior Girder 1	5.85	0.95	1	1	4.41267
Overweight Permit_str	BOBJ1	5.85	Before	Interior Girder 2	5.85	0.95	1	1	4.422639
Overweight Permit_str	BOBJ1	5.85	Before	Interior Girder 3	5.85	0.95	1	1	3.886123
Overweight Permit_str	BOBJ1	5.85	Before	Interior Girder 4	5.85	0.95	1	1	3.886123
Overweight Permit_str	BOBJ1	5.85	Before	Interior Girder 5	5.85	0.95	1	1	4.422639
Overweight Permit_str	BOBJ1	5.85	Before	Interior Girder 6	5.85	0.95	1	1	4.41267
Overweight Permit_str	BOBJ1	5.85	Before	Right Exterior Girder	5.85	0.95	1	1	4.697694
Overweight Permit_str	BOBJ1	5.85	After	Left Exterior Girder	5.85	0.95	1	1	4.815514
Overweight Permit_str	BOBJ1	5.85	After	Interior Girder 1	5.85	0.95	1	1	4.41229
Overweight Permit_str	BOBJ1	5.85	After	Interior Girder 2	5.85	0.95	1	1	4.583293
Overweight Permit_str	BOBJ1	5.85	After	Interior Girder 3	5.85	0.95	1	1	4.078107
Overweight Permit_str	BOBJ1	5.85	After	Interior Girder 4	5.85	0.95	1	1	4.078107
Overweight Permit_str	BOBJ1	5.85	After	Interior Girder 5	5.85	0.95	1	1	4.583293
Overweight Permit_str	BOBJ1	5.85	After	Interior Girder 6	5.85	0.95	1	1	4.41229
Overweight Permit_str	BOBJ1	5.85	After	Right Exterior Girder	5.85	0.95	1	1	4.815514
Overweight Permit_str	BOBJ1	11.4667	Before	Left Exterior Girder	11.4667	0.95	1	1	2.613358
Overweight Permit_str	BOBJ1	11.4667	Before	Interior Girder 1	11.4667	0.95	1	1	2.424745
Overweight Permit_str	BOBJ1	11.4667	Before	Interior Girder 2	11.4667	0.95	1	1	2.514891
Overweight Permit_str	BOBJ1	11.4667	Before	Interior Girder 3	11.4667	0.95	1	1	2.29227
Overweight Permit_str	BOBJ1	11.4667	Before	Interior Girder 4	11.4667	0.95	1	1	2.29227
Overweight Permit_str	BOBJ1	11.4667	Before	Interior Girder 5	11.4667	0.95	1	1	2.514891

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelINonCompStrgth-Flx - Approach, Span 12-1									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Overweight Permit_str	BOBJ1	11.4667	Before	Interior Girder 6	11.4667	0.95	1	1	2.424745
Overweight Permit_str	BOBJ1	11.4667	Before	Right Exterior Girder	11.4667	0.95	1	1	2.613358
Overweight Permit_str	BOBJ1	11.4667	After	Left Exterior Girder	11.4667	0.95	1	1	2.690921
Overweight Permit_str	BOBJ1	11.4667	After	Interior Girder 1	11.4667	0.95	1	1	2.402509
Overweight Permit_str	BOBJ1	11.4667	After	Interior Girder 2	11.4667	0.95	1	1	2.558849
Overweight Permit_str	BOBJ1	11.4667	After	Interior Girder 3	11.4667	0.95	1	1	2.353388
Overweight Permit_str	BOBJ1	11.4667	After	Interior Girder 4	11.4667	0.95	1	1	2.353388
Overweight Permit_str	BOBJ1	11.4667	After	Interior Girder 5	11.4667	0.95	1	1	2.558849
Overweight Permit_str	BOBJ1	11.4667	After	Interior Girder 6	11.4667	0.95	1	1	2.402509
Overweight Permit_str	BOBJ1	11.4667	After	Right Exterior Girder	11.4667	0.95	1	1	2.690921
Overweight Permit_str	BOBJ1	17.0833	Before	Left Exterior Girder	17.0833	0.95	1	1	2.029164
Overweight Permit_str	BOBJ1	17.0833	Before	Interior Girder 1	17.0833	0.95	1	1	1.960224
Overweight Permit_str	BOBJ1	17.0833	Before	Interior Girder 2	17.0833	0.95	1	1	2.109342
Overweight Permit_str	BOBJ1	17.0833	Before	Interior Girder 3	17.0833	0.95	1	1	1.959611
Overweight Permit_str	BOBJ1	17.0833	Before	Interior Girder 4	17.0833	0.95	1	1	1.959611
Overweight Permit_str	BOBJ1	17.0833	Before	Interior Girder 5	17.0833	0.95	1	1	2.109342
Overweight Permit_str	BOBJ1	17.0833	Before	Interior Girder 6	17.0833	0.95	1	1	1.960224
Overweight Permit_str	BOBJ1	17.0833	Before	Right Exterior Girder	17.0833	0.95	1	1	2.029164
Overweight Permit_str	BOBJ1	17.0833	After	Left Exterior Girder	17.0833	0.95	1	1	2.064646
Overweight Permit_str	BOBJ1	17.0833	After	Interior Girder 1	17.0833	0.95	1	1	1.962832
Overweight Permit_str	BOBJ1	17.0833	After	Interior Girder 2	17.0833	0.95	1	1	2.139788
Overweight Permit_str	BOBJ1	17.0833	After	Interior Girder 3	17.0833	0.95	1	1	1.997674
Overweight Permit_str	BOBJ1	17.0833	After	Interior Girder 4	17.0833	0.95	1	1	1.997674
Overweight Permit_str	BOBJ1	17.0833	After	Interior Girder 5	17.0833	0.95	1	1	2.139788
Overweight Permit_str	BOBJ1	17.0833	After	Interior Girder 6	17.0833	0.95	1	1	1.962832
Overweight Permit_str	BOBJ1	17.0833	After	Right Exterior Girder	17.0833	0.95	1	1	2.064646
Overweight Permit_str	BOBJ1	22.7	Before	Left Exterior Girder	22.7	0.95	1	1	1.856726
Overweight Permit_str	BOBJ1	22.7	Before	Interior Girder 1	22.7	0.95	1	1	1.899737
Overweight Permit_str	BOBJ1	22.7	Before	Interior Girder 2	22.7	0.95	1	1	2.072888
Overweight Permit_str	BOBJ1	22.7	Before	Interior Girder 3	22.7	0.95	1	1	2.005392
Overweight Permit_str	BOBJ1	22.7	Before	Interior Girder 4	22.7	0.95	1	1	2.005392
Overweight Permit_str	BOBJ1	22.7	Before	Interior Girder 5	22.7	0.95	1	1	2.072888
Overweight Permit_str	BOBJ1	22.7	Before	Interior Girder 6	22.7	0.95	1	1	1.899737
Overweight Permit_str	BOBJ1	22.7	Before	Right Exterior Girder	22.7	0.95	1	1	1.856726
Overweight Permit_str	BOBJ1	22.7	After	Left Exterior Girder	22.7	0.95	1	1	1.871627
Overweight Permit_str	BOBJ1	22.7	After	Interior Girder 1	22.7	0.95	1	1	1.893855
Overweight Permit_str	BOBJ1	22.7	After	Interior Girder 2	22.7	0.95	1	1	2.074748
Overweight Permit_str	BOBJ1	22.7	After	Interior Girder 3	22.7	0.95	1	1	2.001629
Overweight Permit_str	BOBJ1	22.7	After	Interior Girder 4	22.7	0.95	1	1	2.001629
Overweight Permit_str	BOBJ1	22.7	After	Interior Girder 5	22.7	0.95	1	1	2.074748
Overweight Permit_str	BOBJ1	22.7	After	Interior Girder 6	22.7	0.95	1	1	1.893855
Overweight Permit_str	BOBJ1	22.7	After	Right Exterior Girder	22.7	0.95	1	1	1.871627
Overweight Permit_str	BOBJ1	28.3167	Before	Left Exterior Girder	28.3167	0.95	1	1	2.01807
Overweight Permit_str	BOBJ1	28.3167	Before	Interior Girder 1	28.3167	0.95	1	1	1.927634
Overweight Permit_str	BOBJ1	28.3167	Before	Interior Girder 2	28.3167	0.95	1	1	2.109211
Overweight Permit_str	BOBJ1	28.3167	Before	Interior Girder 3	28.3167	0.95	1	1	2.009281
Overweight Permit_str	BOBJ1	28.3167	Before	Interior Girder 4	28.3167	0.95	1	1	2.009281
Overweight Permit_str	BOBJ1	28.3167	Before	Interior Girder 5	28.3167	0.95	1	1	2.109211
Overweight Permit_str	BOBJ1	28.3167	Before	Interior Girder 6	28.3167	0.95	1	1	1.927634
Overweight Permit_str	BOBJ1	28.3167	Before	Right Exterior Girder	28.3167	0.95	1	1	2.01807
Overweight Permit_str	BOBJ1	28.3167	After	Left Exterior Girder	28.3167	0.95	1	1	2.009505
Overweight Permit_str	BOBJ1	28.3167	After	Interior Girder 1	28.3167	0.95	1	1	1.918298
Overweight Permit_str	BOBJ1	28.3167	After	Interior Girder 2	28.3167	0.95	1	1	2.091688
Overweight Permit_str	BOBJ1	28.3167	After	Interior Girder 3	28.3167	0.95	1	1	1.981881
Overweight Permit_str	BOBJ1	28.3167	After	Interior Girder 4	28.3167	0.95	1	1	1.981881
Overweight Permit_str	BOBJ1	28.3167	After	Interior Girder 5	28.3167	0.95	1	1	2.091688
Overweight Permit_str	BOBJ1	28.3167	After	Interior Girder 6	28.3167	0.95	1	1	1.918298
Overweight Permit_str	BOBJ1	28.3167	After	Right Exterior Girder	28.3167	0.95	1	1	2.009505
Overweight Permit_str	BOBJ1	33.9333	Before	Left Exterior Girder	33.9333	0.95	1	1	2.488279
Overweight Permit_str	BOBJ1	33.9333	Before	Interior Girder 1	33.9333	0.95	1	1	2.245984
Overweight Permit_str	BOBJ1	33.9333	Before	Interior Girder 2	33.9333	0.95	1	1	2.431661
Overweight Permit_str	BOBJ1	33.9333	Before	Interior Girder 3	33.9333	0.95	1	1	2.306001
Overweight Permit_str	BOBJ1	33.9333	Before	Interior Girder 4	33.9333	0.95	1	1	2.306001
Overweight Permit_str	BOBJ1	33.9333	Before	Interior Girder 5	33.9333	0.95	1	1	2.431661
Overweight Permit_str	BOBJ1	33.9333	Before	Interior Girder 6	33.9333	0.95	1	1	2.245984

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelINonCompStrgth-Flx - Approach, Span 12-1									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Overweight Permit_str	BOBJ1	33.9333	Before	Right Exterior Girder	33.9333	0.95	1	1	2.488279
Overweight Permit_str	BOBJ1	33.9333	After	Left Exterior Girder	33.9333	0.95	1	1	2.44134
Overweight Permit_str	BOBJ1	33.9333	After	Interior Girder 1	33.9333	0.95	1	1	2.261487
Overweight Permit_str	BOBJ1	33.9333	After	Interior Girder 2	33.9333	0.95	1	1	2.425779
Overweight Permit_str	BOBJ1	33.9333	After	Interior Girder 3	33.9333	0.95	1	1	2.283077
Overweight Permit_str	BOBJ1	33.9333	After	Interior Girder 4	33.9333	0.95	1	1	2.283077
Overweight Permit_str	BOBJ1	33.9333	After	Interior Girder 5	33.9333	0.95	1	1	2.425779
Overweight Permit_str	BOBJ1	33.9333	After	Interior Girder 6	33.9333	0.95	1	1	2.261487
Overweight Permit_str	BOBJ1	33.9333	After	Right Exterior Girder	33.9333	0.95	1	1	2.44134
Overweight Permit_str	BOBJ1	39.55	Before	Left Exterior Girder	39.55	0.95	1	1	3.643184
Overweight Permit_str	BOBJ1	39.55	Before	Interior Girder 1	39.55	0.95	1	1	3.310918
Overweight Permit_str	BOBJ1	39.55	Before	Interior Girder 2	39.55	0.95	1	1	3.480347
Overweight Permit_str	BOBJ1	39.55	Before	Interior Girder 3	39.55	0.95	1	1	3.338608
Overweight Permit_str	BOBJ1	39.55	Before	Interior Girder 4	39.55	0.95	1	1	3.338608
Overweight Permit_str	BOBJ1	39.55	Before	Interior Girder 5	39.55	0.95	1	1	3.480347
Overweight Permit_str	BOBJ1	39.55	Before	Interior Girder 6	39.55	0.95	1	1	3.310918
Overweight Permit_str	BOBJ1	39.55	Before	Right Exterior Girder	39.55	0.95	1	1	3.643184
Overweight Permit_str	BOBJ1	39.55	After	Left Exterior Girder	39.55	0.95	1	1	3.549954
Overweight Permit_str	BOBJ1	39.55	After	Interior Girder 1	39.55	0.95	1	1	3.313622
Overweight Permit_str	BOBJ1	39.55	After	Interior Girder 2	39.55	0.95	1	1	3.433824
Overweight Permit_str	BOBJ1	39.55	After	Interior Girder 3	39.55	0.95	1	1	3.244071
Overweight Permit_str	BOBJ1	39.55	After	Interior Girder 4	39.55	0.95	1	1	3.244071
Overweight Permit_str	BOBJ1	39.55	After	Interior Girder 5	39.55	0.95	1	1	3.433824
Overweight Permit_str	BOBJ1	39.55	After	Interior Girder 6	39.55	0.95	1	1	3.313622
Overweight Permit_str	BOBJ1	39.55	After	Right Exterior Girder	39.55	0.95	1	1	3.549954
Overweight Permit_str	BOBJ1	45.1733	Before	Left Exterior Girder	45.1226	0.95	1	1	3.231741
Overweight Permit_str	BOBJ1	45.1733	Before	Interior Girder 1	45.1226	0.95	1	1	3.767255
Overweight Permit_str	BOBJ1	45.1733	Before	Interior Girder 2	45.1226	0.95	1	1	4.268796
Overweight Permit_str	BOBJ1	45.1733	Before	Interior Girder 3	45.1226	0.95	1	1	4.311606
Overweight Permit_str	BOBJ1	45.1733	Before	Interior Girder 4	45.1226	0.95	1	1	4.311606
Overweight Permit_str	BOBJ1	45.1733	Before	Interior Girder 5	45.1226	0.95	1	1	4.268796
Overweight Permit_str	BOBJ1	45.1733	Before	Interior Girder 6	45.1226	0.95	1	1	3.767255
Overweight Permit_str	BOBJ1	45.1733	Before	Right Exterior Girder	45.1226	0.95	1	1	3.231741
Overweight Permit_str	BOBJ1	45.1733	After	Left Exterior Girder	45.1226	0.95	1	1	2.58533
Overweight Permit_str	BOBJ1	45.1733	After	Interior Girder 1	45.1226	0.95	1	1	3.010032
Overweight Permit_str	BOBJ1	45.1733	After	Interior Girder 2	45.1226	0.95	1	1	3.425099
Overweight Permit_str	BOBJ1	45.1733	After	Interior Girder 3	45.1226	0.95	1	1	3.477829
Overweight Permit_str	BOBJ1	45.1733	After	Interior Girder 4	45.1226	0.95	1	1	3.477829
Overweight Permit_str	BOBJ1	45.1733	After	Interior Girder 5	45.1226	0.95	1	1	3.425099
Overweight Permit_str	BOBJ1	45.1733	After	Interior Girder 6	45.1226	0.95	1	1	3.010032
Overweight Permit_str	BOBJ1	45.1733	After	Right Exterior Girder	45.1226	0.95	1	1	2.58533
Overweight Permit_str	BOBJ1	49.2561	Before	Left Exterior Girder	49.2561	0.95	1	1	1.536361
Overweight Permit_str	BOBJ1	49.2561	Before	Right Exterior Girder	49.2561	0.95	1	1	1.536361
Overweight Permit_str	BOBJ1	49.2561	After	Left Exterior Girder	49.2561	0.95	1	1	1.578798
Overweight Permit_str	BOBJ1	49.2561	After	Right Exterior Girder	49.2561	0.95	1	1	1.578798
Overweight Permit_str	BOBJ1	50.7967	Before	Left Exterior Girder	50.7967	0.95	1	1	2.997439
Overweight Permit_str	BOBJ1	50.7967	Before	Interior Girder 1	50.7967	0.95	1	1	1.752119
Overweight Permit_str	BOBJ1	50.7967	Before	Interior Girder 2	50.7967	0.95	1	1	1.971404
Overweight Permit_str	BOBJ1	50.7967	Before	Interior Girder 3	50.7967	0.95	1	1	1.82095
Overweight Permit_str	BOBJ1	50.7967	Before	Interior Girder 4	50.7967	0.95	1	1	1.82095
Overweight Permit_str	BOBJ1	50.7967	Before	Interior Girder 5	50.7967	0.95	1	1	1.971404
Overweight Permit_str	BOBJ1	50.7967	Before	Interior Girder 6	50.7967	0.95	1	1	1.752119
Overweight Permit_str	BOBJ1	50.7967	Before	Right Exterior Girder	50.7967	0.95	1	1	2.997439
Overweight Permit_str	BOBJ1	50.7967	After	Left Exterior Girder	50.7967	0.95	1	1	2.994453
Overweight Permit_str	BOBJ1	50.7967	After	Interior Girder 1	50.7967	0.95	1	1	1.752869
Overweight Permit_str	BOBJ1	50.7967	After	Interior Girder 2	50.7967	0.95	1	1	1.988098
Overweight Permit_str	BOBJ1	50.7967	After	Interior Girder 3	50.7967	0.95	1	1	1.845798
Overweight Permit_str	BOBJ1	50.7967	After	Interior Girder 4	50.7967	0.95	1	1	1.845798
Overweight Permit_str	BOBJ1	50.7967	After	Interior Girder 5	50.7967	0.95	1	1	1.988098
Overweight Permit_str	BOBJ1	50.7967	After	Interior Girder 6	50.7967	0.95	1	1	1.752869
Overweight Permit_str	BOBJ1	50.7967	After	Right Exterior Girder	50.7967	0.95	1	1	2.994453
Overweight Permit_str	BOBJ1	51.3989	Before	Interior Girder 1	51.3989	0.95	1	1	1.612979
Overweight Permit_str	BOBJ1	51.3989	Before	Interior Girder 2	51.3989	0.95	1	1	1.852235
Overweight Permit_str	BOBJ1	51.3989	Before	Interior Girder 3	51.3989	0.95	1	1	1.704087
Overweight Permit_str	BOBJ1	51.3989	Before	Interior Girder 4	51.3989	0.95	1	1	1.704087

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelINonCompStrgth-Flx - Approach, Span 12-1									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Overweight Permit_str	BOBJ1	51.3989	Before	Interior Girder 5	51.3989	0.95	1	1	1.852235
Overweight Permit_str	BOBJ1	51.3989	Before	Interior Girder 6	51.3989	0.95	1	1	1.612979
Overweight Permit_str	BOBJ1	51.3989	After	Interior Girder 1	51.3989	0.95	1	1	2.484818
Overweight Permit_str	BOBJ1	51.3989	After	Interior Girder 2	51.3989	0.95	1	1	2.826576
Overweight Permit_str	BOBJ1	51.3989	After	Interior Girder 3	51.3989	0.95	1	1	2.641701
Overweight Permit_str	BOBJ1	51.3989	After	Interior Girder 4	51.3989	0.95	1	1	2.641701
Overweight Permit_str	BOBJ1	51.3989	After	Interior Girder 5	51.3989	0.95	1	1	2.826576
Overweight Permit_str	BOBJ1	51.3989	After	Interior Girder 6	51.3989	0.95	1	1	2.484818
Overweight Permit_str	BOBJ1	56.42	Before	Left Exterior Girder	56.42	0.95	1	1	1.566025
Overweight Permit_str	BOBJ1	56.42	Before	Interior Girder 1	56.42	0.95	1	1	1.44641
Overweight Permit_str	BOBJ1	56.42	Before	Interior Girder 2	56.42	0.95	1	1	1.702143
Overweight Permit_str	BOBJ1	56.42	Before	Interior Girder 3	56.42	0.95	1	1	1.463028
Overweight Permit_str	BOBJ1	56.42	Before	Interior Girder 4	56.42	0.95	1	1	1.463028
Overweight Permit_str	BOBJ1	56.42	Before	Interior Girder 5	56.42	0.95	1	1	1.702143
Overweight Permit_str	BOBJ1	56.42	Before	Interior Girder 6	56.42	0.95	1	1	1.44641
Overweight Permit_str	BOBJ1	56.42	Before	Right Exterior Girder	56.42	0.95	1	1	1.566025
Overweight Permit_str	BOBJ1	56.42	After	Left Exterior Girder	0	0.95	1	1	1.548267
Overweight Permit_str	BOBJ1	56.42	After	Interior Girder 1	0	0.95	1	1	1.448678
Overweight Permit_str	BOBJ1	56.42	After	Interior Girder 2	0	0.95	1	1	1.671142
Overweight Permit_str	BOBJ1	56.42	After	Interior Girder 3	0	0.95	1	1	1.424251
Overweight Permit_str	BOBJ1	56.42	After	Interior Girder 4	0	0.95	1	1	1.424251
Overweight Permit_str	BOBJ1	56.42	After	Interior Girder 5	0	0.95	1	1	1.671142
Overweight Permit_str	BOBJ1	56.42	After	Interior Girder 6	0	0.95	1	1	1.448678
Overweight Permit_str	BOBJ1	56.42	After	Right Exterior Girder	0	0.95	1	1	1.548267
Overweight Permit_str	BOBJ1	62.0367	Before	Left Exterior Girder	5.6167	0.95	1	1	2.96968
Overweight Permit_str	BOBJ1	62.0367	Before	Interior Girder 1	5.6167	0.95	1	1	2.636826
Overweight Permit_str	BOBJ1	62.0367	Before	Interior Girder 2	5.6167	0.95	1	1	3.052855
Overweight Permit_str	BOBJ1	62.0367	Before	Interior Girder 3	5.6167	0.95	1	1	2.831272
Overweight Permit_str	BOBJ1	62.0367	Before	Interior Girder 4	5.6167	0.95	1	1	2.831272
Overweight Permit_str	BOBJ1	62.0367	Before	Interior Girder 5	5.6167	0.95	1	1	3.052855
Overweight Permit_str	BOBJ1	62.0367	Before	Interior Girder 6	5.6167	0.95	1	1	2.636826
Overweight Permit_str	BOBJ1	62.0367	Before	Right Exterior Girder	5.6167	0.95	1	1	2.96968
Overweight Permit_str	BOBJ1	62.0367	After	Left Exterior Girder	5.6167	0.95	1	1	2.907623
Overweight Permit_str	BOBJ1	62.0367	After	Interior Girder 1	5.6167	0.95	1	1	2.712058
Overweight Permit_str	BOBJ1	62.0367	After	Interior Girder 2	5.6167	0.95	1	1	3.081613
Overweight Permit_str	BOBJ1	62.0367	After	Interior Girder 3	5.6167	0.95	1	1	2.850162
Overweight Permit_str	BOBJ1	62.0367	After	Interior Girder 4	5.6167	0.95	1	1	2.850162
Overweight Permit_str	BOBJ1	62.0367	After	Interior Girder 5	5.6167	0.95	1	1	3.081613
Overweight Permit_str	BOBJ1	62.0367	After	Interior Girder 6	5.6167	0.95	1	1	2.712058
Overweight Permit_str	BOBJ1	62.0367	After	Right Exterior Girder	5.6167	0.95	1	1	2.907623
Overweight Permit_str	BOBJ1	62.4203	Before	Interior Girder 1	6.0003	0.95	1	1	2.838643
Overweight Permit_str	BOBJ1	62.4203	Before	Interior Girder 2	6.0003	0.95	1	1	3.197335
Overweight Permit_str	BOBJ1	62.4203	Before	Interior Girder 3	6.0003	0.95	1	1	2.968928
Overweight Permit_str	BOBJ1	62.4203	Before	Interior Girder 4	6.0003	0.95	1	1	2.968928
Overweight Permit_str	BOBJ1	62.4203	Before	Interior Girder 5	6.0003	0.95	1	1	3.197335
Overweight Permit_str	BOBJ1	62.4203	Before	Interior Girder 6	6.0003	0.95	1	1	2.838643
Overweight Permit_str	BOBJ1	62.4203	After	Interior Girder 1	6.0003	0.95	1	1	1.848088
Overweight Permit_str	BOBJ1	62.4203	After	Interior Girder 2	6.0003	0.95	1	1	2.095505
Overweight Permit_str	BOBJ1	62.4203	After	Interior Girder 3	6.0003	0.95	1	1	1.914775
Overweight Permit_str	BOBJ1	62.4203	After	Interior Girder 4	6.0003	0.95	1	1	1.914775
Overweight Permit_str	BOBJ1	62.4203	After	Interior Girder 5	6.0003	0.95	1	1	2.095505
Overweight Permit_str	BOBJ1	62.4203	After	Interior Girder 6	6.0003	0.95	1	1	1.848088
Overweight Permit_str	BOBJ1	64.9204	Before	Left Exterior Girder	8.5004	0.95	1	1	4.002343
Overweight Permit_str	BOBJ1	64.9204	Before	Right Exterior Girder	8.5004	0.95	1	1	4.002343
Overweight Permit_str	BOBJ1	64.9204	After	Left Exterior Girder	8.5004	0.95	1	1	1.808145
Overweight Permit_str	BOBJ1	64.9204	After	Right Exterior Girder	8.5004	0.95	1	1	1.808145
Overweight Permit_str	BOBJ1	67.6533	Before	Left Exterior Girder	11.2333	0.95	1	1	2.760218
Overweight Permit_str	BOBJ1	67.6533	Before	Interior Girder 1	11.2333	0.95	1	1	3.21664
Overweight Permit_str	BOBJ1	67.6533	Before	Interior Girder 2	11.2333	0.95	1	1	3.59686
Overweight Permit_str	BOBJ1	67.6533	Before	Interior Girder 3	11.2333	0.95	1	1	3.503107
Overweight Permit_str	BOBJ1	67.6533	Before	Interior Girder 4	11.2333	0.95	1	1	3.503107
Overweight Permit_str	BOBJ1	67.6533	Before	Interior Girder 5	11.2333	0.95	1	1	3.59686
Overweight Permit_str	BOBJ1	67.6533	Before	Interior Girder 6	11.2333	0.95	1	1	3.21664
Overweight Permit_str	BOBJ1	67.6533	Before	Right Exterior Girder	11.2333	0.95	1	1	2.760218
Overweight Permit_str	BOBJ1	67.6533	After	Left Exterior Girder	11.2333	0.95	1	1	2.680578

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelINonCompStrgth-Flx - Approach, Span 12-1									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Overweight Permit_str	BOBJ1	67.6533	After	Interior Girder 1	11.2333	0.95	1	1	3.239291
Overweight Permit_str	BOBJ1	67.6533	After	Interior Girder 2	11.2333	0.95	1	1	3.567653
Overweight Permit_str	BOBJ1	67.6533	After	Interior Girder 3	11.2333	0.95	1	1	3.443592
Overweight Permit_str	BOBJ1	67.6533	After	Interior Girder 4	11.2333	0.95	1	1	3.443592
Overweight Permit_str	BOBJ1	67.6533	After	Interior Girder 5	11.2333	0.95	1	1	3.567653
Overweight Permit_str	BOBJ1	67.6533	After	Interior Girder 6	11.2333	0.95	1	1	3.239291
Overweight Permit_str	BOBJ1	67.6533	After	Right Exterior Girder	11.2333	0.95	1	1	2.680578
Overweight Permit_str	BOBJ1	73.27	Before	Left Exterior Girder	16.85	0.95	1	1	3.559727
Overweight Permit_str	BOBJ1	73.27	Before	Interior Girder 1	16.85	0.95	1	1	3.327754
Overweight Permit_str	BOBJ1	73.27	Before	Interior Girder 2	16.85	0.95	1	1	3.370026
Overweight Permit_str	BOBJ1	73.27	Before	Interior Girder 3	16.85	0.95	1	1	3.142058
Overweight Permit_str	BOBJ1	73.27	Before	Interior Girder 4	16.85	0.95	1	1	3.142058
Overweight Permit_str	BOBJ1	73.27	Before	Interior Girder 5	16.85	0.95	1	1	3.370026
Overweight Permit_str	BOBJ1	73.27	Before	Interior Girder 6	16.85	0.95	1	1	3.327754
Overweight Permit_str	BOBJ1	73.27	Before	Right Exterior Girder	16.85	0.95	1	1	3.559727
Overweight Permit_str	BOBJ1	73.27	After	Left Exterior Girder	16.85	0.95	1	1	3.67585
Overweight Permit_str	BOBJ1	73.27	After	Interior Girder 1	16.85	0.95	1	1	3.288267
Overweight Permit_str	BOBJ1	73.27	After	Interior Girder 2	16.85	0.95	1	1	3.392507
Overweight Permit_str	BOBJ1	73.27	After	Interior Girder 3	16.85	0.95	1	1	3.209412
Overweight Permit_str	BOBJ1	73.27	After	Interior Girder 4	16.85	0.95	1	1	3.209412
Overweight Permit_str	BOBJ1	73.27	After	Interior Girder 5	16.85	0.95	1	1	3.392507
Overweight Permit_str	BOBJ1	73.27	After	Interior Girder 6	16.85	0.95	1	1	3.288267
Overweight Permit_str	BOBJ1	73.27	After	Right Exterior Girder	16.85	0.95	1	1	3.67585
Overweight Permit_str	BOBJ1	78.8867	Before	Left Exterior Girder	22.4667	0.95	1	1	2.287275
Overweight Permit_str	BOBJ1	78.8867	Before	Interior Girder 1	22.4667	0.95	1	1	2.139448
Overweight Permit_str	BOBJ1	78.8867	Before	Interior Girder 2	22.4667	0.95	1	1	2.278518
Overweight Permit_str	BOBJ1	78.8867	Before	Interior Girder 3	22.4667	0.95	1	1	2.124743
Overweight Permit_str	BOBJ1	78.8867	Before	Interior Girder 4	22.4667	0.95	1	1	2.124743
Overweight Permit_str	BOBJ1	78.8867	Before	Interior Girder 5	22.4667	0.95	1	1	2.278518
Overweight Permit_str	BOBJ1	78.8867	Before	Interior Girder 6	22.4667	0.95	1	1	2.139448
Overweight Permit_str	BOBJ1	78.8867	Before	Right Exterior Girder	22.4667	0.95	1	1	2.287275
Overweight Permit_str	BOBJ1	78.8867	After	Left Exterior Girder	22.4667	0.95	1	1	2.349956
Overweight Permit_str	BOBJ1	78.8867	After	Interior Girder 1	22.4667	0.95	1	1	2.116901
Overweight Permit_str	BOBJ1	78.8867	After	Interior Girder 2	22.4667	0.95	1	1	2.279471
Overweight Permit_str	BOBJ1	78.8867	After	Interior Girder 3	22.4667	0.95	1	1	2.144555
Overweight Permit_str	BOBJ1	78.8867	After	Interior Girder 4	22.4667	0.95	1	1	2.144555
Overweight Permit_str	BOBJ1	78.8867	After	Interior Girder 5	22.4667	0.95	1	1	2.279471
Overweight Permit_str	BOBJ1	78.8867	After	Interior Girder 6	22.4667	0.95	1	1	2.116901
Overweight Permit_str	BOBJ1	78.8867	After	Right Exterior Girder	22.4667	0.95	1	1	2.349956
Overweight Permit_str	BOBJ1	84.5033	Before	Left Exterior Girder	28.0833	0.95	1	1	1.800293
Overweight Permit_str	BOBJ1	84.5033	Before	Interior Girder 1	28.0833	0.95	1	1	1.758616
Overweight Permit_str	BOBJ1	84.5033	Before	Interior Girder 2	28.0833	0.95	1	1	1.912183
Overweight Permit_str	BOBJ1	84.5033	Before	Interior Girder 3	28.0833	0.95	1	1	1.811396
Overweight Permit_str	BOBJ1	84.5033	Before	Interior Girder 4	28.0833	0.95	1	1	1.811396
Overweight Permit_str	BOBJ1	84.5033	Before	Interior Girder 5	28.0833	0.95	1	1	1.912183
Overweight Permit_str	BOBJ1	84.5033	Before	Interior Girder 6	28.0833	0.95	1	1	1.758616
Overweight Permit_str	BOBJ1	84.5033	Before	Right Exterior Girder	28.0833	0.95	1	1	1.800293
Overweight Permit_str	BOBJ1	84.5033	After	Left Exterior Girder	28.0833	0.95	1	1	1.821305
Overweight Permit_str	BOBJ1	84.5033	After	Interior Girder 1	28.0833	0.95	1	1	1.762749
Overweight Permit_str	BOBJ1	84.5033	After	Interior Girder 2	28.0833	0.95	1	1	1.928479
Overweight Permit_str	BOBJ1	84.5033	After	Interior Girder 3	28.0833	0.95	1	1	1.833238
Overweight Permit_str	BOBJ1	84.5033	After	Interior Girder 4	28.0833	0.95	1	1	1.833238
Overweight Permit_str	BOBJ1	84.5033	After	Interior Girder 5	28.0833	0.95	1	1	1.928479
Overweight Permit_str	BOBJ1	84.5033	After	Interior Girder 6	28.0833	0.95	1	1	1.762749
Overweight Permit_str	BOBJ1	84.5033	After	Right Exterior Girder	28.0833	0.95	1	1	1.821305
Overweight Permit_str	BOBJ1	90.12	Before	Left Exterior Girder	33.7	0.95	1	1	1.648578
Overweight Permit_str	BOBJ1	90.12	Before	Interior Girder 1	33.7	0.95	1	1	1.748085
Overweight Permit_str	BOBJ1	90.12	Before	Interior Girder 2	33.7	0.95	1	1	1.922092
Overweight Permit_str	BOBJ1	90.12	Before	Interior Girder 3	33.7	0.95	1	1	1.875121
Overweight Permit_str	BOBJ1	90.12	Before	Interior Girder 4	33.7	0.95	1	1	1.875121
Overweight Permit_str	BOBJ1	90.12	Before	Interior Girder 5	33.7	0.95	1	1	1.922092
Overweight Permit_str	BOBJ1	90.12	Before	Interior Girder 6	33.7	0.95	1	1	1.748085
Overweight Permit_str	BOBJ1	90.12	Before	Right Exterior Girder	33.7	0.95	1	1	1.648578
Overweight Permit_str	BOBJ1	90.12	After	Left Exterior Girder	33.7	0.95	1	1	1.653559
Overweight Permit_str	BOBJ1	90.12	After	Interior Girder 1	33.7	0.95	1	1	1.74212

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelINonCompStrgth-Flx - Approach, Span 12-1									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Overweight Permit_str	BOBJ1	90.12	After	Interior Girder 2	33.7	0.95	1	1	1.917444
Overweight Permit_str	BOBJ1	90.12	After	Interior Girder 3	33.7	0.95	1	1	1.867751
Overweight Permit_str	BOBJ1	90.12	After	Interior Girder 4	33.7	0.95	1	1	1.867751
Overweight Permit_str	BOBJ1	90.12	After	Interior Girder 5	33.7	0.95	1	1	1.917444
Overweight Permit_str	BOBJ1	90.12	After	Interior Girder 6	33.7	0.95	1	1	1.74212
Overweight Permit_str	BOBJ1	90.12	After	Right Exterior Girder	33.7	0.95	1	1	1.653559
Overweight Permit_str	BOBJ1	95.7367	Before	Left Exterior Girder	39.3167	0.95	1	1	1.806554
Overweight Permit_str	BOBJ1	95.7367	Before	Interior Girder 1	39.3167	0.95	1	1	1.751021
Overweight Permit_str	BOBJ1	95.7367	Before	Interior Girder 2	39.3167	0.95	1	1	1.916321
Overweight Permit_str	BOBJ1	95.7367	Before	Interior Girder 3	39.3167	0.95	1	1	1.823944
Overweight Permit_str	BOBJ1	95.7367	Before	Interior Girder 4	39.3167	0.95	1	1	1.823944
Overweight Permit_str	BOBJ1	95.7367	Before	Interior Girder 5	39.3167	0.95	1	1	1.916321
Overweight Permit_str	BOBJ1	95.7367	Before	Interior Girder 6	39.3167	0.95	1	1	1.751021
Overweight Permit_str	BOBJ1	95.7367	Before	Right Exterior Girder	39.3167	0.95	1	1	1.806554
Overweight Permit_str	BOBJ1	95.7367	After	Left Exterior Girder	39.3167	0.95	1	1	1.787811
Overweight Permit_str	BOBJ1	95.7367	After	Interior Girder 1	39.3167	0.95	1	1	1.74599
Overweight Permit_str	BOBJ1	95.7367	After	Interior Girder 2	39.3167	0.95	1	1	1.900308
Overweight Permit_str	BOBJ1	95.7367	After	Interior Girder 3	39.3167	0.95	1	1	1.802718
Overweight Permit_str	BOBJ1	95.7367	After	Interior Girder 4	39.3167	0.95	1	1	1.802718
Overweight Permit_str	BOBJ1	95.7367	After	Interior Girder 5	39.3167	0.95	1	1	1.900308
Overweight Permit_str	BOBJ1	95.7367	After	Interior Girder 6	39.3167	0.95	1	1	1.74599
Overweight Permit_str	BOBJ1	95.7367	After	Right Exterior Girder	39.3167	0.95	1	1	1.787811
Overweight Permit_str	BOBJ1	101.3533	Before	Left Exterior Girder	44.9333	0.95	1	1	2.302973
Overweight Permit_str	BOBJ1	101.3533	Before	Interior Girder 1	44.9333	0.95	1	1	2.09019
Overweight Permit_str	BOBJ1	101.3533	Before	Interior Girder 2	44.9333	0.95	1	1	2.253447
Overweight Permit_str	BOBJ1	101.3533	Before	Interior Girder 3	44.9333	0.95	1	1	2.130389
Overweight Permit_str	BOBJ1	101.3533	Before	Interior Girder 4	44.9333	0.95	1	1	2.130389
Overweight Permit_str	BOBJ1	101.3533	Before	Interior Girder 5	44.9333	0.95	1	1	2.253447
Overweight Permit_str	BOBJ1	101.3533	Before	Interior Girder 6	44.9333	0.95	1	1	2.09019
Overweight Permit_str	BOBJ1	101.3533	Before	Right Exterior Girder	44.9333	0.95	1	1	2.302973
Overweight Permit_str	BOBJ1	101.3533	After	Left Exterior Girder	44.9333	0.95	1	1	2.244551
Overweight Permit_str	BOBJ1	101.3533	After	Interior Girder 1	44.9333	0.95	1	1	2.111401
Overweight Permit_str	BOBJ1	101.3533	After	Interior Girder 2	44.9333	0.95	1	1	2.25365
Overweight Permit_str	BOBJ1	101.3533	After	Interior Girder 3	44.9333	0.95	1	1	2.112091
Overweight Permit_str	BOBJ1	101.3533	After	Interior Girder 4	44.9333	0.95	1	1	2.112091
Overweight Permit_str	BOBJ1	101.3533	After	Interior Girder 5	44.9333	0.95	1	1	2.25365
Overweight Permit_str	BOBJ1	101.3533	After	Interior Girder 6	44.9333	0.95	1	1	2.111401
Overweight Permit_str	BOBJ1	101.3533	After	Right Exterior Girder	44.9333	0.95	1	1	2.244551
Overweight Permit_str	BOBJ1	106.97	Before	Left Exterior Girder	50.55	0.95	1	1	3.527
Overweight Permit_str	BOBJ1	106.97	Before	Interior Girder 1	50.55	0.95	1	1	3.214003
Overweight Permit_str	BOBJ1	106.97	Before	Interior Girder 2	50.55	0.95	1	1	3.324579
Overweight Permit_str	BOBJ1	106.97	Before	Interior Girder 3	50.55	0.95	1	1	3.173289
Overweight Permit_str	BOBJ1	106.97	Before	Interior Girder 4	50.55	0.95	1	1	3.173289
Overweight Permit_str	BOBJ1	106.97	Before	Interior Girder 5	50.55	0.95	1	1	3.324579
Overweight Permit_str	BOBJ1	106.97	Before	Interior Girder 6	50.55	0.95	1	1	3.214003
Overweight Permit_str	BOBJ1	106.97	Before	Right Exterior Girder	50.55	0.95	1	1	3.527
Overweight Permit_str	BOBJ1	106.97	After	Left Exterior Girder	50.55	0.95	1	1	3.438766
Overweight Permit_str	BOBJ1	106.97	After	Interior Girder 1	50.55	0.95	1	1	3.221161
Overweight Permit_str	BOBJ1	106.97	After	Interior Girder 2	50.55	0.95	1	1	3.283201
Overweight Permit_str	BOBJ1	106.97	After	Interior Girder 3	50.55	0.95	1	1	3.080649
Overweight Permit_str	BOBJ1	106.97	After	Interior Girder 4	50.55	0.95	1	1	3.080649
Overweight Permit_str	BOBJ1	106.97	After	Interior Girder 5	50.55	0.95	1	1	3.283201
Overweight Permit_str	BOBJ1	106.97	After	Interior Girder 6	50.55	0.95	1	1	3.221161
Overweight Permit_str	BOBJ1	106.97	After	Right Exterior Girder	50.55	0.95	1	1	3.438766
Overweight Permit_str	BOBJ1	112.5933	Before	Left Exterior Girder	56.1733	0.95	1	1	2.356319
Overweight Permit_str	BOBJ1	112.5933	Before	Interior Girder 1	56.1733	0.95	1	1	2.847837
Overweight Permit_str	BOBJ1	112.5933	Before	Interior Girder 2	56.1733	0.95	1	1	3.183702
Overweight Permit_str	BOBJ1	112.5933	Before	Interior Girder 3	56.1733	0.95	1	1	3.117193
Overweight Permit_str	BOBJ1	112.5933	Before	Interior Girder 4	56.1733	0.95	1	1	3.117193
Overweight Permit_str	BOBJ1	112.5933	Before	Interior Girder 5	56.1733	0.95	1	1	3.183702
Overweight Permit_str	BOBJ1	112.5933	Before	Interior Girder 6	56.1733	0.95	1	1	2.847837
Overweight Permit_str	BOBJ1	112.5933	Before	Right Exterior Girder	56.1733	0.95	1	1	2.356319
Overweight Permit_str	BOBJ1	112.5933	After	Left Exterior Girder	56.1733	0.95	1	1	2.413443
Overweight Permit_str	BOBJ1	112.5933	After	Interior Girder 1	56.1733	0.95	1	1	2.835541
Overweight Permit_str	BOBJ1	112.5933	After	Interior Girder 2	56.1733	0.95	1	1	3.204821

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelINonCompStrgth-Flx - Approach, Span 12-1									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Overweight Permit_str	BOBJ1	112.5933	After	Interior Girder 3	56.1733	0.95	1	1	3.178128
Overweight Permit_str	BOBJ1	112.5933	After	Interior Girder 4	56.1733	0.95	1	1	3.178128
Overweight Permit_str	BOBJ1	112.5933	After	Interior Girder 5	56.1733	0.95	1	1	3.204821
Overweight Permit_str	BOBJ1	112.5933	After	Interior Girder 6	56.1733	0.95	1	1	2.835541
Overweight Permit_str	BOBJ1	112.5933	After	Right Exterior Girder	56.1733	0.95	1	1	2.413443
Overweight Permit_str	BOBJ1	115.3396	Before	Left Exterior Girder	58.9196	0.95	1	1	1.611789
Overweight Permit_str	BOBJ1	115.3396	Before	Right Exterior Girder	58.9196	0.95	1	1	1.611789
Overweight Permit_str	BOBJ1	115.3396	After	Left Exterior Girder	58.9196	0.95	1	1	3.643949
Overweight Permit_str	BOBJ1	115.3396	After	Right Exterior Girder	58.9196	0.95	1	1	3.643949
Overweight Permit_str	BOBJ1	118.2167	Before	Left Exterior Girder	61.7967	0.95	1	1	2.643984
Overweight Permit_str	BOBJ1	118.2167	Before	Interior Girder 1	61.9198	0.95	1	1	1.556772
Overweight Permit_str	BOBJ1	118.2167	Before	Interior Girder 2	61.9198	0.95	1	1	1.80366
Overweight Permit_str	BOBJ1	118.2167	Before	Interior Girder 3	61.9198	0.95	1	1	1.657584
Overweight Permit_str	BOBJ1	118.2167	Before	Interior Girder 4	61.9198	0.95	1	1	1.657584
Overweight Permit_str	BOBJ1	118.2167	Before	Interior Girder 5	61.9198	0.95	1	1	1.80366
Overweight Permit_str	BOBJ1	118.2167	Before	Interior Girder 6	61.9198	0.95	1	1	1.556772
Overweight Permit_str	BOBJ1	118.2167	Before	Right Exterior Girder	61.7967	0.95	1	1	2.643984
Overweight Permit_str	BOBJ1	118.2167	After	Left Exterior Girder	61.7967	0.95	1	1	2.675317
Overweight Permit_str	BOBJ1	118.2167	After	Interior Girder 1	61.9198	0.95	1	1	2.402237
Overweight Permit_str	BOBJ1	118.2167	After	Interior Girder 2	61.9198	0.95	1	1	2.767041
Overweight Permit_str	BOBJ1	118.2167	After	Interior Girder 3	61.9198	0.95	1	1	2.593926
Overweight Permit_str	BOBJ1	118.2167	After	Interior Girder 4	61.9198	0.95	1	1	2.593926
Overweight Permit_str	BOBJ1	118.2167	After	Interior Girder 5	61.9198	0.95	1	1	2.767041
Overweight Permit_str	BOBJ1	118.2167	After	Interior Girder 6	61.9198	0.95	1	1	2.402237
Overweight Permit_str	BOBJ1	118.2167	After	Right Exterior Girder	61.7967	0.95	1	1	2.675317
Overweight Permit_str	BOBJ1	123.84	Before	Left Exterior Girder	67.42	0.95	1	1	1.436144
Overweight Permit_str	BOBJ1	123.84	Before	Interior Girder 1	67.42	0.95	1	1	1.349211
Overweight Permit_str	BOBJ1	123.84	Before	Interior Girder 2	67.42	0.95	1	1	1.589103
Overweight Permit_str	BOBJ1	123.84	Before	Interior Girder 3	67.42	0.95	1	1	1.357642
Overweight Permit_str	BOBJ1	123.84	Before	Interior Girder 4	67.42	0.95	1	1	1.357642
Overweight Permit_str	BOBJ1	123.84	Before	Interior Girder 5	67.42	0.95	1	1	1.589103
Overweight Permit_str	BOBJ1	123.84	Before	Interior Girder 6	67.42	0.95	1	1	1.349211
Overweight Permit_str	BOBJ1	123.84	Before	Right Exterior Girder	67.42	0.95	1	1	1.436144
Overweight Permit_str	BOBJ1	123.84	After	Left Exterior Girder	0	0.95	1	1	1.541778
Overweight Permit_str	BOBJ1	123.84	After	Interior Girder 1	0	0.95	1	1	1.450657
Overweight Permit_str	BOBJ1	123.84	After	Interior Girder 2	0	0.95	1	1	1.699435
Overweight Permit_str	BOBJ1	123.84	After	Interior Girder 3	0	0.95	1	1	1.451866
Overweight Permit_str	BOBJ1	123.84	After	Interior Girder 4	0	0.95	1	1	1.451866
Overweight Permit_str	BOBJ1	123.84	After	Interior Girder 5	0	0.95	1	1	1.699435
Overweight Permit_str	BOBJ1	123.84	After	Interior Girder 6	0	0.95	1	1	1.450657
Overweight Permit_str	BOBJ1	123.84	After	Right Exterior Girder	0	0.95	1	1	1.541778
Overweight Permit_str	BOBJ1	129.34	Before	Interior Girder 1	5.5	0.95	1	1	2.522925
Overweight Permit_str	BOBJ1	129.34	Before	Interior Girder 2	5.5	0.95	1	1	2.913507
Overweight Permit_str	BOBJ1	129.34	Before	Interior Girder 3	5.5	0.95	1	1	2.735155
Overweight Permit_str	BOBJ1	129.34	Before	Interior Girder 4	5.5	0.95	1	1	2.735155
Overweight Permit_str	BOBJ1	129.34	Before	Interior Girder 5	5.5	0.95	1	1	2.913507
Overweight Permit_str	BOBJ1	129.34	Before	Interior Girder 6	5.5	0.95	1	1	2.522925
Overweight Permit_str	BOBJ1	129.34	After	Interior Girder 1	5.5	0.95	1	1	1.647859
Overweight Permit_str	BOBJ1	129.34	After	Interior Girder 2	5.5	0.95	1	1	1.922184
Overweight Permit_str	BOBJ1	129.34	After	Interior Girder 3	5.5	0.95	1	1	1.777181
Overweight Permit_str	BOBJ1	129.34	After	Interior Girder 4	5.5	0.95	1	1	1.777181
Overweight Permit_str	BOBJ1	129.34	After	Interior Girder 5	5.5	0.95	1	1	1.922184
Overweight Permit_str	BOBJ1	129.34	After	Interior Girder 6	5.5	0.95	1	1	1.647859
Overweight Permit_str	BOBJ1	130.79	Before	Left Exterior Girder	6.95	0.95	1	1	3.268299
Overweight Permit_str	BOBJ1	130.79	Before	Interior Girder 1	6.95	0.95	1	1	1.984489
Overweight Permit_str	BOBJ1	130.79	Before	Interior Girder 2	6.95	0.95	1	1	2.234676
Overweight Permit_str	BOBJ1	130.79	Before	Interior Girder 3	6.95	0.95	1	1	2.112201
Overweight Permit_str	BOBJ1	130.79	Before	Interior Girder 4	6.95	0.95	1	1	2.112201
Overweight Permit_str	BOBJ1	130.79	Before	Interior Girder 5	6.95	0.95	1	1	2.234676
Overweight Permit_str	BOBJ1	130.79	Before	Interior Girder 6	6.95	0.95	1	1	1.984489
Overweight Permit_str	BOBJ1	130.79	Before	Right Exterior Girder	6.95	0.95	1	1	3.268299
Overweight Permit_str	BOBJ1	130.79	After	Left Exterior Girder	6.95	0.95	1	1	3.268576
Overweight Permit_str	BOBJ1	130.79	After	Interior Girder 1	6.95	0.95	1	1	1.956149
Overweight Permit_str	BOBJ1	130.79	After	Interior Girder 2	6.95	0.95	1	1	2.208564
Overweight Permit_str	BOBJ1	130.79	After	Interior Girder 3	6.95	0.95	1	1	2.075201

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelINonCompStrgth-Flx - Approach, Span 12-1									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Overweight Permit_str	BOBJ1	130.79	After	Interior Girder 4	6.95	0.95	1	1	2.075201
Overweight Permit_str	BOBJ1	130.79	After	Interior Girder 5	6.95	0.95	1	1	2.208564
Overweight Permit_str	BOBJ1	130.79	After	Interior Girder 6	6.95	0.95	1	1	1.956149
Overweight Permit_str	BOBJ1	130.79	After	Right Exterior Girder	6.95	0.95	1	1	3.268576
Overweight Permit_str	BOBJ1	132.34	Before	Left Exterior Girder	8.5	0.95	1	1	3.966689
Overweight Permit_str	BOBJ1	132.34	Before	Right Exterior Girder	8.5	0.95	1	1	3.966689
Overweight Permit_str	BOBJ1	132.34	After	Left Exterior Girder	8.5	0.95	1	1	1.721653
Overweight Permit_str	BOBJ1	132.34	After	Right Exterior Girder	8.5	0.95	1	1	1.721653
Overweight Permit_str	BOBJ1	137.74	Before	Left Exterior Girder	13.9	0.95	1	1	3.352397
Overweight Permit_str	BOBJ1	137.74	Before	Interior Girder 1	13.9	0.95	1	1	3.758037
Overweight Permit_str	BOBJ1	137.74	Before	Interior Girder 2	13.9	0.95	1	1	4.203238
Overweight Permit_str	BOBJ1	137.74	Before	Interior Girder 3	13.9	0.95	1	1	3.841111
Overweight Permit_str	BOBJ1	137.74	Before	Interior Girder 4	13.9	0.95	1	1	3.841111
Overweight Permit_str	BOBJ1	137.74	Before	Interior Girder 5	13.9	0.95	1	1	4.203238
Overweight Permit_str	BOBJ1	137.74	Before	Interior Girder 6	13.9	0.95	1	1	3.758037
Overweight Permit_str	BOBJ1	137.74	Before	Right Exterior Girder	13.9	0.95	1	1	3.352397
Overweight Permit_str	BOBJ1	137.74	After	Left Exterior Girder	13.9	0.95	1	1	3.625277
Overweight Permit_str	BOBJ1	137.74	After	Interior Girder 1	13.9	0.95	1	1	4.190233
Overweight Permit_str	BOBJ1	137.74	After	Interior Girder 2	13.9	0.95	1	1	4.241324
Overweight Permit_str	BOBJ1	137.74	After	Interior Girder 3	13.9	0.95	1	1	3.952185
Overweight Permit_str	BOBJ1	137.74	After	Interior Girder 4	13.9	0.95	1	1	3.952185
Overweight Permit_str	BOBJ1	137.74	After	Interior Girder 5	13.9	0.95	1	1	4.241324
Overweight Permit_str	BOBJ1	137.74	After	Interior Girder 6	13.9	0.95	1	1	4.190233
Overweight Permit_str	BOBJ1	137.74	After	Right Exterior Girder	13.9	0.95	1	1	3.625277
Overweight Permit_str	BOBJ1	143.7733	Before	Left Exterior Girder	19.9333	0.95	1	1	2.679065
Overweight Permit_str	BOBJ1	143.7733	Before	Interior Girder 1	19.9333	0.95	1	1	2.383677
Overweight Permit_str	BOBJ1	143.7733	Before	Interior Girder 2	19.9333	0.95	1	1	2.499314
Overweight Permit_str	BOBJ1	143.7733	Before	Interior Girder 3	19.9333	0.95	1	1	2.324632
Overweight Permit_str	BOBJ1	143.7733	Before	Interior Girder 4	19.9333	0.95	1	1	2.324632
Overweight Permit_str	BOBJ1	143.7733	Before	Interior Girder 5	19.9333	0.95	1	1	2.499314
Overweight Permit_str	BOBJ1	143.7733	Before	Interior Girder 6	19.9333	0.95	1	1	2.383677
Overweight Permit_str	BOBJ1	143.7733	Before	Right Exterior Girder	19.9333	0.95	1	1	2.679065
Overweight Permit_str	BOBJ1	143.7733	After	Left Exterior Girder	19.9333	0.95	1	1	2.770652
Overweight Permit_str	BOBJ1	143.7733	After	Interior Girder 1	19.9333	0.95	1	1	2.354265
Overweight Permit_str	BOBJ1	143.7733	After	Interior Girder 2	19.9333	0.95	1	1	2.513124
Overweight Permit_str	BOBJ1	143.7733	After	Interior Girder 3	19.9333	0.95	1	1	2.361662
Overweight Permit_str	BOBJ1	143.7733	After	Interior Girder 4	19.9333	0.95	1	1	2.361662
Overweight Permit_str	BOBJ1	143.7733	After	Interior Girder 5	19.9333	0.95	1	1	2.513124
Overweight Permit_str	BOBJ1	143.7733	After	Interior Girder 6	19.9333	0.95	1	1	2.354265
Overweight Permit_str	BOBJ1	143.7733	After	Right Exterior Girder	19.9333	0.95	1	1	2.770652
Overweight Permit_str	BOBJ1	149.8067	Before	Left Exterior Girder	25.9667	0.95	1	1	1.900985
Overweight Permit_str	BOBJ1	149.8067	Before	Interior Girder 1	25.9667	0.95	1	1	1.808294
Overweight Permit_str	BOBJ1	149.8067	Before	Interior Girder 2	25.9667	0.95	1	1	1.956254
Overweight Permit_str	BOBJ1	149.8067	Before	Interior Girder 3	25.9667	0.95	1	1	1.845665
Overweight Permit_str	BOBJ1	149.8067	Before	Interior Girder 4	25.9667	0.95	1	1	1.845665
Overweight Permit_str	BOBJ1	149.8067	Before	Interior Girder 5	25.9667	0.95	1	1	1.956254
Overweight Permit_str	BOBJ1	149.8067	Before	Interior Girder 6	25.9667	0.95	1	1	1.808294
Overweight Permit_str	BOBJ1	149.8067	Before	Right Exterior Girder	25.9667	0.95	1	1	1.900985
Overweight Permit_str	BOBJ1	149.8067	After	Left Exterior Girder	25.9667	0.95	1	1	1.934518
Overweight Permit_str	BOBJ1	149.8067	After	Interior Girder 1	25.9667	0.95	1	1	1.809411
Overweight Permit_str	BOBJ1	149.8067	After	Interior Girder 2	25.9667	0.95	1	1	1.976343
Overweight Permit_str	BOBJ1	149.8067	After	Interior Girder 3	25.9667	0.95	1	1	1.87627
Overweight Permit_str	BOBJ1	149.8067	After	Interior Girder 4	25.9667	0.95	1	1	1.87627
Overweight Permit_str	BOBJ1	149.8067	After	Interior Girder 5	25.9667	0.95	1	1	1.976343
Overweight Permit_str	BOBJ1	149.8067	After	Interior Girder 6	25.9667	0.95	1	1	1.809411
Overweight Permit_str	BOBJ1	149.8067	After	Right Exterior Girder	25.9667	0.95	1	1	1.934518
Overweight Permit_str	BOBJ1	155.84	Before	Left Exterior Girder	32	0.95	1	1	1.62401
Overweight Permit_str	BOBJ1	155.84	Before	Interior Girder 1	32	0.95	1	1	1.724393
Overweight Permit_str	BOBJ1	155.84	Before	Interior Girder 2	32	0.95	1	1	1.887007
Overweight Permit_str	BOBJ1	155.84	Before	Interior Girder 3	32	0.95	1	1	1.842954
Overweight Permit_str	BOBJ1	155.84	Before	Interior Girder 4	32	0.95	1	1	1.842954
Overweight Permit_str	BOBJ1	155.84	Before	Interior Girder 5	32	0.95	1	1	1.887007
Overweight Permit_str	BOBJ1	155.84	Before	Interior Girder 6	32	0.95	1	1	1.724393
Overweight Permit_str	BOBJ1	155.84	Before	Right Exterior Girder	32	0.95	1	1	1.62401
Overweight Permit_str	BOBJ1	155.84	After	Left Exterior Girder	32	0.95	1	1	1.634982

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelINonCompStrgth-Flx - Approach, Span 12-1									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Overweight Permit_str	BOBJ1	155.84	After	Interior Girder 1	32	0.95	1	1	1.715497
Overweight Permit_str	BOBJ1	155.84	After	Interior Girder 2	32	0.95	1	1	1.886065
Overweight Permit_str	BOBJ1	155.84	After	Interior Girder 3	32	0.95	1	1	1.839974
Overweight Permit_str	BOBJ1	155.84	After	Interior Girder 4	32	0.95	1	1	1.839974
Overweight Permit_str	BOBJ1	155.84	After	Interior Girder 5	32	0.95	1	1	1.886065
Overweight Permit_str	BOBJ1	155.84	After	Interior Girder 6	32	0.95	1	1	1.715497
Overweight Permit_str	BOBJ1	155.84	After	Right Exterior Girder	32	0.95	1	1	1.634982
Overweight Permit_str	BOBJ1	161.8733	Before	Left Exterior Girder	38.0333	0.95	1	1	1.724748
Overweight Permit_str	BOBJ1	161.8733	Before	Interior Girder 1	38.0333	0.95	1	1	1.676517
Overweight Permit_str	BOBJ1	161.8733	Before	Interior Girder 2	38.0333	0.95	1	1	1.831185
Overweight Permit_str	BOBJ1	161.8733	Before	Interior Girder 3	38.0333	0.95	1	1	1.741759
Overweight Permit_str	BOBJ1	161.8733	Before	Interior Girder 4	38.0333	0.95	1	1	1.741759
Overweight Permit_str	BOBJ1	161.8733	Before	Interior Girder 5	38.0333	0.95	1	1	1.831185
Overweight Permit_str	BOBJ1	161.8733	Before	Interior Girder 6	38.0333	0.95	1	1	1.676517
Overweight Permit_str	BOBJ1	161.8733	Before	Right Exterior Girder	38.0333	0.95	1	1	1.724748
Overweight Permit_str	BOBJ1	161.8733	After	Left Exterior Girder	38.0333	0.95	1	1	1.710739
Overweight Permit_str	BOBJ1	161.8733	After	Interior Girder 1	38.0333	0.95	1	1	1.668625
Overweight Permit_str	BOBJ1	161.8733	After	Interior Girder 2	38.0333	0.95	1	1	1.815058
Overweight Permit_str	BOBJ1	161.8733	After	Interior Girder 3	38.0333	0.95	1	1	1.720798
Overweight Permit_str	BOBJ1	161.8733	After	Interior Girder 4	38.0333	0.95	1	1	1.720798
Overweight Permit_str	BOBJ1	161.8733	After	Interior Girder 5	38.0333	0.95	1	1	1.815058
Overweight Permit_str	BOBJ1	161.8733	After	Interior Girder 6	38.0333	0.95	1	1	1.668625
Overweight Permit_str	BOBJ1	161.8733	After	Right Exterior Girder	38.0333	0.95	1	1	1.710739
Overweight Permit_str	BOBJ1	167.9067	Before	Left Exterior Girder	44.0667	0.95	1	1	2.167955
Overweight Permit_str	BOBJ1	167.9067	Before	Interior Girder 1	44.0667	0.95	1	1	1.969939
Overweight Permit_str	BOBJ1	167.9067	Before	Interior Girder 2	44.0667	0.95	1	1	2.119905
Overweight Permit_str	BOBJ1	167.9067	Before	Interior Girder 3	44.0667	0.95	1	1	2.000674
Overweight Permit_str	BOBJ1	167.9067	Before	Interior Girder 4	44.0667	0.95	1	1	2.000674
Overweight Permit_str	BOBJ1	167.9067	Before	Interior Girder 5	44.0667	0.95	1	1	2.119905
Overweight Permit_str	BOBJ1	167.9067	Before	Interior Girder 6	44.0667	0.95	1	1	1.969939
Overweight Permit_str	BOBJ1	167.9067	Before	Right Exterior Girder	44.0667	0.95	1	1	2.167955
Overweight Permit_str	BOBJ1	167.9067	After	Left Exterior Girder	44.0667	0.95	1	1	2.112269
Overweight Permit_str	BOBJ1	167.9067	After	Interior Girder 1	44.0667	0.95	1	1	1.990148
Overweight Permit_str	BOBJ1	167.9067	After	Interior Girder 2	44.0667	0.95	1	1	2.120965
Overweight Permit_str	BOBJ1	167.9067	After	Interior Girder 3	44.0667	0.95	1	1	1.983268
Overweight Permit_str	BOBJ1	167.9067	After	Interior Girder 4	44.0667	0.95	1	1	1.983268
Overweight Permit_str	BOBJ1	167.9067	After	Interior Girder 5	44.0667	0.95	1	1	2.120965
Overweight Permit_str	BOBJ1	167.9067	After	Interior Girder 6	44.0667	0.95	1	1	1.990148
Overweight Permit_str	BOBJ1	167.9067	After	Right Exterior Girder	44.0667	0.95	1	1	2.112269
Overweight Permit_str	BOBJ1	173.94	Before	Left Exterior Girder	50.1	0.95	1	1	3.336283
Overweight Permit_str	BOBJ1	173.94	Before	Interior Girder 1	50.1	0.95	1	1	3.047096
Overweight Permit_str	BOBJ1	173.94	Before	Interior Girder 2	50.1	0.95	1	1	3.143701
Overweight Permit_str	BOBJ1	173.94	Before	Interior Girder 3	50.1	0.95	1	1	2.991568
Overweight Permit_str	BOBJ1	173.94	Before	Interior Girder 4	50.1	0.95	1	1	2.991568
Overweight Permit_str	BOBJ1	173.94	Before	Interior Girder 5	50.1	0.95	1	1	3.143701
Overweight Permit_str	BOBJ1	173.94	Before	Interior Girder 6	50.1	0.95	1	1	3.047096
Overweight Permit_str	BOBJ1	173.94	Before	Right Exterior Girder	50.1	0.95	1	1	3.336283
Overweight Permit_str	BOBJ1	173.94	After	Left Exterior Girder	50.1	0.95	1	1	3.247636
Overweight Permit_str	BOBJ1	173.94	After	Interior Girder 1	50.1	0.95	1	1	3.055346
Overweight Permit_str	BOBJ1	173.94	After	Interior Girder 2	50.1	0.95	1	1	3.101997
Overweight Permit_str	BOBJ1	173.94	After	Interior Girder 3	50.1	0.95	1	1	2.905417
Overweight Permit_str	BOBJ1	173.94	After	Interior Girder 4	50.1	0.95	1	1	2.905417
Overweight Permit_str	BOBJ1	173.94	After	Interior Girder 5	50.1	0.95	1	1	3.101997
Overweight Permit_str	BOBJ1	173.94	After	Interior Girder 6	50.1	0.95	1	1	3.055346
Overweight Permit_str	BOBJ1	173.94	After	Right Exterior Girder	50.1	0.95	1	1	3.247636
Overweight Permit_str	BOBJ1	179.98	Before	Left Exterior Girder	56.14	0.95	1	1	2.911551
Overweight Permit_str	BOBJ1	179.98	Before	Interior Girder 1	56.14	0.95	1	1	3.51147
Overweight Permit_str	BOBJ1	179.98	Before	Interior Girder 2	56.14	0.95	1	1	3.846169
Overweight Permit_str	BOBJ1	179.98	Before	Interior Girder 3	56.14	0.95	1	1	3.702959
Overweight Permit_str	BOBJ1	179.98	Before	Interior Girder 4	56.14	0.95	1	1	3.702959
Overweight Permit_str	BOBJ1	179.98	Before	Interior Girder 5	56.14	0.95	1	1	3.846169
Overweight Permit_str	BOBJ1	179.98	Before	Interior Girder 6	56.14	0.95	1	1	3.51147
Overweight Permit_str	BOBJ1	179.98	Before	Right Exterior Girder	56.14	0.95	1	1	2.911551
Overweight Permit_str	BOBJ1	179.98	After	Left Exterior Girder	56.14	0.95	1	1	3.009615
Overweight Permit_str	BOBJ1	179.98	After	Interior Girder 1	56.14	0.95	1	1	3.49733

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelINonCompStrgth-Flx - Approach, Span 12-1									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Overweight Permit_str	BOBJ1	179.98	After	Interior Girder 2	56.14	0.95	1	1	3.895165
Overweight Permit_str	BOBJ1	179.98	After	Interior Girder 3	56.14	0.95	1	1	3.785067
Overweight Permit_str	BOBJ1	179.98	After	Interior Girder 4	56.14	0.95	1	1	3.785067
Overweight Permit_str	BOBJ1	179.98	After	Interior Girder 5	56.14	0.95	1	1	3.895165
Overweight Permit_str	BOBJ1	179.98	After	Interior Girder 6	56.14	0.95	1	1	3.49733
Overweight Permit_str	BOBJ1	179.98	After	Right Exterior Girder	56.14	0.95	1	1	3.009615
Overweight Permit_str	BOBJ1	183.56	Before	Left Exterior Girder	59.72	0.95	1	1	1.711254
Overweight Permit_str	BOBJ1	183.56	Before	Right Exterior Girder	59.72	0.95	1	1	1.711254
Overweight Permit_str	BOBJ1	183.56	After	Left Exterior Girder	59.72	0.95	1	1	4.201182
Overweight Permit_str	BOBJ1	183.56	After	Right Exterior Girder	59.72	0.95	1	1	4.201182
Overweight Permit_str	BOBJ1	186.02	Before	Left Exterior Girder	62.18	0.95	1	1	3.142693
Overweight Permit_str	BOBJ1	186.02	Before	Interior Girder 1	62.22	0.95	1	1	1.729818
Overweight Permit_str	BOBJ1	186.02	Before	Interior Girder 2	62.22	0.95	1	1	2.028972
Overweight Permit_str	BOBJ1	186.02	Before	Interior Girder 3	62.22	0.95	1	1	1.838469
Overweight Permit_str	BOBJ1	186.02	Before	Interior Girder 4	62.22	0.95	1	1	1.838469
Overweight Permit_str	BOBJ1	186.02	Before	Interior Girder 5	62.22	0.95	1	1	2.028972
Overweight Permit_str	BOBJ1	186.02	Before	Interior Girder 6	62.22	0.95	1	1	1.729818
Overweight Permit_str	BOBJ1	186.02	Before	Right Exterior Girder	62.18	0.95	1	1	3.142693
Overweight Permit_str	BOBJ1	186.02	After	Left Exterior Girder	62.18	0.95	1	1	3.186995
Overweight Permit_str	BOBJ1	186.02	After	Interior Girder 1	62.22	0.95	1	1	2.832558
Overweight Permit_str	BOBJ1	186.02	After	Interior Girder 2	62.22	0.95	1	1	3.289556
Overweight Permit_str	BOBJ1	186.02	After	Interior Girder 3	62.22	0.95	1	1	3.044561
Overweight Permit_str	BOBJ1	186.02	After	Interior Girder 4	62.22	0.95	1	1	3.044561
Overweight Permit_str	BOBJ1	186.02	After	Interior Girder 5	62.22	0.95	1	1	3.289556
Overweight Permit_str	BOBJ1	186.02	After	Interior Girder 6	62.22	0.95	1	1	2.832558
Overweight Permit_str	BOBJ1	186.02	After	Right Exterior Girder	62.18	0.95	1	1	3.186995
Overweight Permit_str	BOBJ1	192.06	Before	Left Exterior Girder	68.22	0.95	1	1	1.577352
Overweight Permit_str	BOBJ1	192.06	Before	Interior Girder 1	68.22	0.95	1	1	1.496888
Overweight Permit_str	BOBJ1	192.06	Before	Interior Girder 2	68.22	0.95	1	1	1.709127
Overweight Permit_str	BOBJ1	192.06	Before	Interior Girder 3	68.22	0.95	1	1	1.451438
Overweight Permit_str	BOBJ1	192.06	Before	Interior Girder 4	68.22	0.95	1	1	1.451438
Overweight Permit_str	BOBJ1	192.06	Before	Interior Girder 5	68.22	0.95	1	1	1.709127
Overweight Permit_str	BOBJ1	192.06	Before	Interior Girder 6	68.22	0.95	1	1	1.496888
Overweight Permit_str	BOBJ1	192.06	Before	Right Exterior Girder	68.22	0.95	1	1	1.577352
Overweight Permit_str	BOBJ1	192.06	After	Left Exterior Girder	0	0.95	1	1	2.038907
Overweight Permit_str	BOBJ1	192.06	After	Interior Girder 1	0	0.95	1	1	1.90985
Overweight Permit_str	BOBJ1	192.06	After	Interior Girder 2	0	0.95	1	1	2.204044
Overweight Permit_str	BOBJ1	192.06	After	Interior Girder 3	0	0.95	1	1	1.914146
Overweight Permit_str	BOBJ1	192.06	After	Interior Girder 4	0	0.95	1	1	1.914146
Overweight Permit_str	BOBJ1	192.06	After	Interior Girder 5	0	0.95	1	1	2.204044
Overweight Permit_str	BOBJ1	192.06	After	Interior Girder 6	0	0.95	1	1	1.90985
Overweight Permit_str	BOBJ1	192.06	After	Right Exterior Girder	0	0.95	1	1	2.038907
Overweight Permit_str	BOBJ1	197.087	Before	Interior Girder 1	5.027	0.95	1	1	3.081742
Overweight Permit_str	BOBJ1	197.087	Before	Interior Girder 2	5.027	0.95	1	1	3.45247
Overweight Permit_str	BOBJ1	197.087	Before	Interior Girder 3	5.027	0.95	1	1	3.305385
Overweight Permit_str	BOBJ1	197.087	Before	Interior Girder 4	5.027	0.95	1	1	3.305385
Overweight Permit_str	BOBJ1	197.087	Before	Interior Girder 5	5.027	0.95	1	1	3.45247
Overweight Permit_str	BOBJ1	197.087	Before	Interior Girder 6	5.027	0.95	1	1	3.081742
Overweight Permit_str	BOBJ1	197.087	After	Interior Girder 1	5.027	0.95	1	1	1.900268
Overweight Permit_str	BOBJ1	197.087	After	Interior Girder 2	5.027	0.95	1	1	2.141089
Overweight Permit_str	BOBJ1	197.087	After	Interior Girder 3	5.027	0.95	1	1	2.030153
Overweight Permit_str	BOBJ1	197.087	After	Interior Girder 4	5.027	0.95	1	1	2.030153
Overweight Permit_str	BOBJ1	197.087	After	Interior Girder 5	5.027	0.95	1	1	2.141089
Overweight Permit_str	BOBJ1	197.087	After	Interior Girder 6	5.027	0.95	1	1	1.900268
Overweight Permit_str	BOBJ1	197.91	Before	Left Exterior Girder	5.85	0.95	1	1	3.783592
Overweight Permit_str	BOBJ1	197.91	Before	Interior Girder 1	5.85	0.95	1	1	2.092378
Overweight Permit_str	BOBJ1	197.91	Before	Interior Girder 2	5.85	0.95	1	1	2.329254
Overweight Permit_str	BOBJ1	197.91	Before	Interior Girder 3	5.85	0.95	1	1	2.248598
Overweight Permit_str	BOBJ1	197.91	Before	Interior Girder 4	5.85	0.95	1	1	2.248598
Overweight Permit_str	BOBJ1	197.91	Before	Interior Girder 5	5.85	0.95	1	1	2.329254
Overweight Permit_str	BOBJ1	197.91	Before	Interior Girder 6	5.85	0.95	1	1	2.092378
Overweight Permit_str	BOBJ1	197.91	Before	Right Exterior Girder	5.85	0.95	1	1	3.783592
Overweight Permit_str	BOBJ1	197.91	After	Left Exterior Girder	5.85	0.95	1	1	3.191698
Overweight Permit_str	BOBJ1	197.91	After	Interior Girder 1	5.85	0.95	1	1	1.734736
Overweight Permit_str	BOBJ1	197.91	After	Interior Girder 2	5.85	0.95	1	1	1.937548

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelINonCompStrgth-Flx - Approach, Span 12-1									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Overweight Permit_str	BOBJ1	197.91	After	Interior Girder 3	5.85	0.95	1	1	1.847484
Overweight Permit_str	BOBJ1	197.91	After	Interior Girder 4	5.85	0.95	1	1	1.847484
Overweight Permit_str	BOBJ1	197.91	After	Interior Girder 5	5.85	0.95	1	1	1.937548
Overweight Permit_str	BOBJ1	197.91	After	Interior Girder 6	5.85	0.95	1	1	1.734736
Overweight Permit_str	BOBJ1	197.91	After	Right Exterior Girder	5.85	0.95	1	1	3.191698
Overweight Permit_str	BOBJ1	199.1816	Before	Left Exterior Girder	7.1216	0.95	1	1	3.687962
Overweight Permit_str	BOBJ1	199.1816	Before	Right Exterior Girder	7.1216	0.95	1	1	3.687962
Overweight Permit_str	BOBJ1	199.1816	After	Left Exterior Girder	7.1216	0.95	1	1	1.464241
Overweight Permit_str	BOBJ1	199.1816	After	Right Exterior Girder	7.1216	0.95	1	1	1.464241
Overweight Permit_str	BOBJ1	203.5267	Before	Left Exterior Girder	11.3107	0.95	1	1	2.424787
Overweight Permit_str	BOBJ1	203.5267	Before	Interior Girder 1	11.3107	0.95	1	1	2.937781
Overweight Permit_str	BOBJ1	203.5267	Before	Interior Girder 2	11.3107	0.95	1	1	3.306453
Overweight Permit_str	BOBJ1	203.5267	Before	Interior Girder 3	11.3107	0.95	1	1	3.412369
Overweight Permit_str	BOBJ1	203.5267	Before	Interior Girder 4	11.3107	0.95	1	1	3.412369
Overweight Permit_str	BOBJ1	203.5267	Before	Interior Girder 5	11.3107	0.95	1	1	3.306453
Overweight Permit_str	BOBJ1	203.5267	Before	Interior Girder 6	11.3107	0.95	1	1	2.937781
Overweight Permit_str	BOBJ1	203.5267	Before	Right Exterior Girder	11.3107	0.95	1	1	2.424787
Overweight Permit_str	BOBJ1	203.5267	After	Left Exterior Girder	11.3107	0.95	1	1	3.919875
Overweight Permit_str	BOBJ1	203.5267	After	Interior Girder 1	11.3107	0.95	1	1	4.67748
Overweight Permit_str	BOBJ1	203.5267	After	Interior Girder 2	11.3107	0.95	1	1	5.278746
Overweight Permit_str	BOBJ1	203.5267	After	Interior Girder 3	11.3107	0.95	1	1	5.403949
Overweight Permit_str	BOBJ1	203.5267	After	Interior Girder 4	11.3107	0.95	1	1	5.403949
Overweight Permit_str	BOBJ1	203.5267	After	Interior Girder 5	11.3107	0.95	1	1	5.278746
Overweight Permit_str	BOBJ1	203.5267	After	Interior Girder 6	11.3107	0.95	1	1	4.67748
Overweight Permit_str	BOBJ1	203.5267	After	Right Exterior Girder	11.3107	0.95	1	1	3.919875
Overweight Permit_str	BOBJ1	209.1433	Before	Left Exterior Girder	17.0833	0.95	1	1	4.365516
Overweight Permit_str	BOBJ1	209.1433	Before	Interior Girder 1	17.0833	0.95	1	1	3.767339
Overweight Permit_str	BOBJ1	209.1433	Before	Interior Girder 2	17.0833	0.95	1	1	3.914258
Overweight Permit_str	BOBJ1	209.1433	Before	Interior Girder 3	17.0833	0.95	1	1	3.679058
Overweight Permit_str	BOBJ1	209.1433	Before	Interior Girder 4	17.0833	0.95	1	1	3.679058
Overweight Permit_str	BOBJ1	209.1433	Before	Interior Girder 5	17.0833	0.95	1	1	3.914258
Overweight Permit_str	BOBJ1	209.1433	Before	Interior Girder 6	17.0833	0.95	1	1	3.767339
Overweight Permit_str	BOBJ1	209.1433	Before	Right Exterior Girder	17.0833	0.95	1	1	4.365516
Overweight Permit_str	BOBJ1	209.1433	After	Left Exterior Girder	17.0833	0.95	1	1	4.459881
Overweight Permit_str	BOBJ1	209.1433	After	Interior Girder 1	17.0833	0.95	1	1	3.790042
Overweight Permit_str	BOBJ1	209.1433	After	Interior Girder 2	17.0833	0.95	1	1	4.017275
Overweight Permit_str	BOBJ1	209.1433	After	Interior Girder 3	17.0833	0.95	1	1	3.790805
Overweight Permit_str	BOBJ1	209.1433	After	Interior Girder 4	17.0833	0.95	1	1	3.790805
Overweight Permit_str	BOBJ1	209.1433	After	Interior Girder 5	17.0833	0.95	1	1	4.017275
Overweight Permit_str	BOBJ1	209.1433	After	Interior Girder 6	17.0833	0.95	1	1	3.790042
Overweight Permit_str	BOBJ1	209.1433	After	Right Exterior Girder	17.0833	0.95	1	1	4.459881
Overweight Permit_str	BOBJ1	214.76	Before	Left Exterior Girder	22.7	0.95	1	1	2.994434
Overweight Permit_str	BOBJ1	214.76	Before	Interior Girder 1	22.7	0.95	1	1	2.942804
Overweight Permit_str	BOBJ1	214.76	Before	Interior Girder 2	22.7	0.95	1	1	3.137373
Overweight Permit_str	BOBJ1	214.76	Before	Interior Girder 3	22.7	0.95	1	1	3.007731
Overweight Permit_str	BOBJ1	214.76	Before	Interior Girder 4	22.7	0.95	1	1	3.007731
Overweight Permit_str	BOBJ1	214.76	Before	Interior Girder 5	22.7	0.95	1	1	3.137373
Overweight Permit_str	BOBJ1	214.76	Before	Interior Girder 6	22.7	0.95	1	1	2.942804
Overweight Permit_str	BOBJ1	214.76	Before	Right Exterior Girder	22.7	0.95	1	1	2.994434
Overweight Permit_str	BOBJ1	214.76	After	Left Exterior Girder	22.7	0.95	1	1	3.041868
Overweight Permit_str	BOBJ1	214.76	After	Interior Girder 1	22.7	0.95	1	1	2.931747
Overweight Permit_str	BOBJ1	214.76	After	Interior Girder 2	22.7	0.95	1	1	3.153911
Overweight Permit_str	BOBJ1	214.76	After	Interior Girder 3	22.7	0.95	1	1	3.034238
Overweight Permit_str	BOBJ1	214.76	After	Interior Girder 4	22.7	0.95	1	1	3.034238
Overweight Permit_str	BOBJ1	214.76	After	Interior Girder 5	22.7	0.95	1	1	3.153911
Overweight Permit_str	BOBJ1	214.76	After	Interior Girder 6	22.7	0.95	1	1	2.931747
Overweight Permit_str	BOBJ1	214.76	After	Right Exterior Girder	22.7	0.95	1	1	3.041868
Overweight Permit_str	BOBJ1	220.3767	Before	Left Exterior Girder	28.3167	0.95	1	1	2.578628
Overweight Permit_str	BOBJ1	220.3767	Before	Interior Girder 1	28.3167	0.95	1	1	2.469017
Overweight Permit_str	BOBJ1	220.3767	Before	Interior Girder 2	28.3167	0.95	1	1	2.670782
Overweight Permit_str	BOBJ1	220.3767	Before	Interior Girder 3	28.3167	0.95	1	1	2.524539
Overweight Permit_str	BOBJ1	220.3767	Before	Interior Girder 4	28.3167	0.95	1	1	2.524539
Overweight Permit_str	BOBJ1	220.3767	Before	Interior Girder 5	28.3167	0.95	1	1	2.670782
Overweight Permit_str	BOBJ1	220.3767	Before	Interior Girder 6	28.3167	0.95	1	1	2.469017
Overweight Permit_str	BOBJ1	220.3767	Before	Right Exterior Girder	28.3167	0.95	1	1	2.578628

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelINonCompStrgth-Flx - Approach, Span 12-1									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Overweight Permit_str	BOBJ1	220.3767	After	Left Exterior Girder	28.3167	0.95	1	1	2.592034
Overweight Permit_str	BOBJ1	220.3767	After	Interior Girder 1	28.3167	0.95	1	1	2.459542
Overweight Permit_str	BOBJ1	220.3767	After	Interior Girder 2	28.3167	0.95	1	1	2.667866
Overweight Permit_str	BOBJ1	220.3767	After	Interior Girder 3	28.3167	0.95	1	1	2.531476
Overweight Permit_str	BOBJ1	220.3767	After	Interior Girder 4	28.3167	0.95	1	1	2.531476
Overweight Permit_str	BOBJ1	220.3767	After	Interior Girder 5	28.3167	0.95	1	1	2.667866
Overweight Permit_str	BOBJ1	220.3767	After	Interior Girder 6	28.3167	0.95	1	1	2.459542
Overweight Permit_str	BOBJ1	220.3767	After	Right Exterior Girder	28.3167	0.95	1	1	2.592034
Overweight Permit_str	BOBJ1	225.9933	Before	Left Exterior Girder	33.9333	0.95	1	1	2.482793
Overweight Permit_str	BOBJ1	225.9933	Before	Interior Girder 1	33.9333	0.95	1	1	2.348314
Overweight Permit_str	BOBJ1	225.9933	Before	Interior Girder 2	33.9333	0.95	1	1	2.544523
Overweight Permit_str	BOBJ1	225.9933	Before	Interior Girder 3	33.9333	0.95	1	1	2.404075
Overweight Permit_str	BOBJ1	225.9933	Before	Interior Girder 4	33.9333	0.95	1	1	2.404075
Overweight Permit_str	BOBJ1	225.9933	Before	Interior Girder 5	33.9333	0.95	1	1	2.544523
Overweight Permit_str	BOBJ1	225.9933	Before	Interior Girder 6	33.9333	0.95	1	1	2.348314
Overweight Permit_str	BOBJ1	225.9933	Before	Right Exterior Girder	33.9333	0.95	1	1	2.482793
Overweight Permit_str	BOBJ1	225.9933	After	Left Exterior Girder	33.9333	0.95	1	1	2.461829
Overweight Permit_str	BOBJ1	225.9933	After	Interior Girder 1	33.9333	0.95	1	1	2.357655
Overweight Permit_str	BOBJ1	225.9933	After	Interior Girder 2	33.9333	0.95	1	1	2.545002
Overweight Permit_str	BOBJ1	225.9933	After	Interior Girder 3	33.9333	0.95	1	1	2.403156
Overweight Permit_str	BOBJ1	225.9933	After	Interior Girder 4	33.9333	0.95	1	1	2.403156
Overweight Permit_str	BOBJ1	225.9933	After	Interior Girder 5	33.9333	0.95	1	1	2.545002
Overweight Permit_str	BOBJ1	225.9933	After	Interior Girder 6	33.9333	0.95	1	1	2.357655
Overweight Permit_str	BOBJ1	225.9933	After	Right Exterior Girder	33.9333	0.95	1	1	2.461829
Overweight Permit_str	BOBJ1	231.61	Before	Left Exterior Girder	39.55	0.95	1	1	2.65904
Overweight Permit_str	BOBJ1	231.61	Before	Interior Girder 1	39.55	0.95	1	1	2.63187
Overweight Permit_str	BOBJ1	231.61	Before	Interior Girder 2	39.55	0.95	1	1	2.839719
Overweight Permit_str	BOBJ1	231.61	Before	Interior Girder 3	39.55	0.95	1	1	2.695302
Overweight Permit_str	BOBJ1	231.61	Before	Interior Girder 4	39.55	0.95	1	1	2.695302
Overweight Permit_str	BOBJ1	231.61	Before	Interior Girder 5	39.55	0.95	1	1	2.839719
Overweight Permit_str	BOBJ1	231.61	Before	Interior Girder 6	39.55	0.95	1	1	2.63187
Overweight Permit_str	BOBJ1	231.61	Before	Right Exterior Girder	39.55	0.95	1	1	2.65904
Overweight Permit_str	BOBJ1	231.61	After	Left Exterior Girder	39.55	0.95	1	1	2.615507
Overweight Permit_str	BOBJ1	231.61	After	Interior Girder 1	39.55	0.95	1	1	2.634849
Overweight Permit_str	BOBJ1	231.61	After	Interior Girder 2	39.55	0.95	1	1	2.810171
Overweight Permit_str	BOBJ1	231.61	After	Interior Girder 3	39.55	0.95	1	1	2.649867
Overweight Permit_str	BOBJ1	231.61	After	Interior Girder 4	39.55	0.95	1	1	2.649867
Overweight Permit_str	BOBJ1	231.61	After	Interior Girder 5	39.55	0.95	1	1	2.810171
Overweight Permit_str	BOBJ1	231.61	After	Interior Girder 6	39.55	0.95	1	1	2.634849
Overweight Permit_str	BOBJ1	231.61	After	Right Exterior Girder	39.55	0.95	1	1	2.615507
Overweight Permit_str	BOBJ1	237.37	Before	Left Exterior Girder	45.31	0.95	1	1	3.520361
Overweight Permit_str	BOBJ1	237.37	Before	Interior Girder 1	45.31	0.95	1	1	3.119345
Overweight Permit_str	BOBJ1	237.37	Before	Interior Girder 2	45.31	0.95	1	1	3.314045
Overweight Permit_str	BOBJ1	237.37	Before	Interior Girder 3	45.31	0.95	1	1	3.061275
Overweight Permit_str	BOBJ1	237.37	Before	Interior Girder 4	45.31	0.95	1	1	3.061275
Overweight Permit_str	BOBJ1	237.37	Before	Interior Girder 5	45.31	0.95	1	1	3.314045
Overweight Permit_str	BOBJ1	237.37	Before	Interior Girder 6	45.31	0.95	1	1	3.119345
Overweight Permit_str	BOBJ1	237.37	Before	Right Exterior Girder	45.31	0.95	1	1	3.520361
Overweight Permit_str	BOBJ1	237.37	After	Left Exterior Girder	45.31	0.95	1	1	3.44289
Overweight Permit_str	BOBJ1	237.37	After	Interior Girder 1	45.31	0.95	1	1	3.109471
Overweight Permit_str	BOBJ1	237.37	After	Interior Girder 2	45.31	0.95	1	1	3.210902
Overweight Permit_str	BOBJ1	237.37	After	Interior Girder 3	45.31	0.95	1	1	2.944854
Overweight Permit_str	BOBJ1	237.37	After	Interior Girder 4	45.31	0.95	1	1	2.944854
Overweight Permit_str	BOBJ1	237.37	After	Interior Girder 5	45.31	0.95	1	1	3.210902
Overweight Permit_str	BOBJ1	237.37	After	Interior Girder 6	45.31	0.95	1	1	3.109471
Overweight Permit_str	BOBJ1	237.37	After	Right Exterior Girder	45.31	0.95	1	1	3.44289
Overweight Permit_str	BOBJ1	243.13	Before	Left Exterior Girder	51.07	0.95	1	1	6.634267
Overweight Permit_str	BOBJ1	243.13	Before	Interior Girder 1	51.07	0.95	1	1	5.314507
Overweight Permit_str	BOBJ1	243.13	Before	Interior Girder 2	51.07	0.95	1	1	5.431426
Overweight Permit_str	BOBJ1	243.13	Before	Interior Girder 3	51.07	0.95	1	1	4.913209
Overweight Permit_str	BOBJ1	243.13	Before	Interior Girder 4	51.07	0.95	1	1	4.913209
Overweight Permit_str	BOBJ1	243.13	Before	Interior Girder 5	51.07	0.95	1	1	5.431426
Overweight Permit_str	BOBJ1	243.13	Before	Interior Girder 6	51.07	0.95	1	1	5.314507
Overweight Permit_str	BOBJ1	243.13	Before	Right Exterior Girder	51.07	0.95	1	1	6.634267
Overweight Permit_str	BOBJ1	243.13	After	Left Exterior Girder	51.07	0.95	1	1	6.520578

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelINonCompStrgth-Flx - Approach, Span 12-1									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Overweight Permit_str	BOBJ1	243.13	After	Interior Girder 1	51.07	0.95	1	1	5.257685
Overweight Permit_str	BOBJ1	243.13	After	Interior Girder 2	51.07	0.95	1	1	5.187706
Overweight Permit_str	BOBJ1	243.13	After	Interior Girder 3	51.07	0.95	1	1	4.640585
Overweight Permit_str	BOBJ1	243.13	After	Interior Girder 4	51.07	0.95	1	1	4.640585
Overweight Permit_str	BOBJ1	243.13	After	Interior Girder 5	51.07	0.95	1	1	5.187706
Overweight Permit_str	BOBJ1	243.13	After	Interior Girder 6	51.07	0.95	1	1	5.257685
Overweight Permit_str	BOBJ1	243.13	After	Right Exterior Girder	51.07	0.95	1	1	6.520578
Overweight Permit_str	BOBJ1	248.89	Before	Left Exterior Girder	56.83	0.95	1	1	382.388858
Overweight Permit_str	BOBJ1	248.89	Before	Interior Girder 1	56.83	0.95	1	1	317.304711
Overweight Permit_str	BOBJ1	248.89	Before	Interior Girder 2	56.83	0.95	1	1	236.589742
Overweight Permit_str	BOBJ1	248.89	Before	Interior Girder 3	56.83	0.95	1	1	195.376183
Overweight Permit_str	BOBJ1	248.89	Before	Interior Girder 4	56.83	0.95	1	1	195.376183
Overweight Permit_str	BOBJ1	248.89	Before	Interior Girder 5	56.83	0.95	1	1	236.589742
Overweight Permit_str	BOBJ1	248.89	Before	Interior Girder 6	56.83	0.95	1	1	317.304711
Overweight Permit_str	BOBJ1	248.89	Before	Right Exterior Girder	56.83	0.95	1	1	382.388858

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Approach, Span 12-1									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
HL93_str_opr	BOBJ1	0	After	Left Exterior Girder	0	0.95	1	1	9.113025
HL93_str_opr	BOBJ1	0	After	Interior Girder 1	0	0.95	1	1	6.22382
HL93_str_opr	BOBJ1	0	After	Interior Girder 2	0	0.95	1	1	5.785116
HL93_str_opr	BOBJ1	0	After	Interior Girder 3	0	0.95	1	1	5.127506
HL93_str_opr	BOBJ1	0	After	Interior Girder 4	0	0.95	1	1	5.127506
HL93_str_opr	BOBJ1	0	After	Interior Girder 5	0	0.95	1	1	5.785116
HL93_str_opr	BOBJ1	0	After	Interior Girder 6	0	0.95	1	1	6.22382
HL93_str_opr	BOBJ1	0	After	Right Exterior Girder	0	0.95	1	1	9.113025
HL93_str_opr	BOBJ1	5.85	Before	Left Exterior Girder	5.85	0.95	1	1	9.21356
HL93_str_opr	BOBJ1	5.85	Before	Interior Girder 1	5.85	0.95	1	1	6.316179
HL93_str_opr	BOBJ1	5.85	Before	Interior Girder 2	5.85	0.95	1	1	5.870421
HL93_str_opr	BOBJ1	5.85	Before	Interior Girder 3	5.85	0.95	1	1	5.203664
HL93_str_opr	BOBJ1	5.85	Before	Interior Girder 4	5.85	0.95	1	1	5.203664
HL93_str_opr	BOBJ1	5.85	Before	Interior Girder 5	5.85	0.95	1	1	5.870421
HL93_str_opr	BOBJ1	5.85	Before	Interior Girder 6	5.85	0.95	1	1	6.316179
HL93_str_opr	BOBJ1	5.85	Before	Right Exterior Girder	5.85	0.95	1	1	9.21356
HL93_str_opr	BOBJ1	5.85	After	Left Exterior Girder	5.85	0.95	1	1	11.932843
HL93_str_opr	BOBJ1	5.85	After	Interior Girder 1	5.85	0.95	1	1	7.383728
HL93_str_opr	BOBJ1	5.85	After	Interior Girder 2	5.85	0.95	1	1	6.88874
HL93_str_opr	BOBJ1	5.85	After	Interior Girder 3	5.85	0.95	1	1	6.191104
HL93_str_opr	BOBJ1	5.85	After	Interior Girder 4	5.85	0.95	1	1	6.191104
HL93_str_opr	BOBJ1	5.85	After	Interior Girder 5	5.85	0.95	1	1	6.88874
HL93_str_opr	BOBJ1	5.85	After	Interior Girder 6	5.85	0.95	1	1	7.383728
HL93_str_opr	BOBJ1	5.85	After	Right Exterior Girder	5.85	0.95	1	1	11.932843
HL93_str_opr	BOBJ1	11.4667	Before	Left Exterior Girder	11.4667	0.95	1	1	12.055373
HL93_str_opr	BOBJ1	11.4667	Before	Interior Girder 1	11.4667	0.95	1	1	7.486706
HL93_str_opr	BOBJ1	11.4667	Before	Interior Girder 2	11.4667	0.95	1	1	6.984598
HL93_str_opr	BOBJ1	11.4667	Before	Interior Girder 3	11.4667	0.95	1	1	6.277387
HL93_str_opr	BOBJ1	11.4667	Before	Interior Girder 4	11.4667	0.95	1	1	6.277387
HL93_str_opr	BOBJ1	11.4667	Before	Interior Girder 5	11.4667	0.95	1	1	6.984598
HL93_str_opr	BOBJ1	11.4667	Before	Interior Girder 6	11.4667	0.95	1	1	7.486706
HL93_str_opr	BOBJ1	11.4667	Before	Right Exterior Girder	11.4667	0.95	1	1	12.055373
HL93_str_opr	BOBJ1	11.4667	After	Left Exterior Girder	11.4667	0.95	1	1	14.883942
HL93_str_opr	BOBJ1	11.4667	After	Interior Girder 1	11.4667	0.95	1	1	9.756127
HL93_str_opr	BOBJ1	11.4667	After	Interior Girder 2	11.4667	0.95	1	1	8.983774
HL93_str_opr	BOBJ1	11.4667	After	Interior Girder 3	11.4667	0.95	1	1	8.276038
HL93_str_opr	BOBJ1	11.4667	After	Interior Girder 4	11.4667	0.95	1	1	8.276038
HL93_str_opr	BOBJ1	11.4667	After	Interior Girder 5	11.4667	0.95	1	1	8.983774
HL93_str_opr	BOBJ1	11.4667	After	Interior Girder 6	11.4667	0.95	1	1	9.756127
HL93_str_opr	BOBJ1	11.4667	After	Right Exterior Girder	11.4667	0.95	1	1	14.883942
HL93_str_opr	BOBJ1	17.0833	Before	Left Exterior Girder	17.0833	0.95	1	1	15.032411
HL93_str_opr	BOBJ1	17.0833	Before	Interior Girder 1	17.0833	0.95	1	1	9.889754
HL93_str_opr	BOBJ1	17.0833	Before	Interior Girder 2	17.0833	0.95	1	1	9.106503
HL93_str_opr	BOBJ1	17.0833	Before	Interior Girder 3	17.0833	0.95	1	1	8.389186
HL93_str_opr	BOBJ1	17.0833	Before	Interior Girder 4	17.0833	0.95	1	1	8.389186
HL93_str_opr	BOBJ1	17.0833	Before	Interior Girder 5	17.0833	0.95	1	1	9.106503
HL93_str_opr	BOBJ1	17.0833	Before	Interior Girder 6	17.0833	0.95	1	1	9.889754
HL93_str_opr	BOBJ1	17.0833	Before	Right Exterior Girder	17.0833	0.95	1	1	15.032411
HL93_str_opr	BOBJ1	17.0833	After	Left Exterior Girder	17.0833	0.95	1	1	19.020708
HL93_str_opr	BOBJ1	17.0833	After	Interior Girder 1	17.0833	0.95	1	1	13.179665
HL93_str_opr	BOBJ1	17.0833	After	Interior Girder 2	17.0833	0.95	1	1	12.082015
HL93_str_opr	BOBJ1	17.0833	After	Interior Girder 3	17.0833	0.95	1	1	11.176388
HL93_str_opr	BOBJ1	17.0833	After	Interior Girder 4	17.0833	0.95	1	1	11.176388
HL93_str_opr	BOBJ1	17.0833	After	Interior Girder 5	17.0833	0.95	1	1	12.082015
HL93_str_opr	BOBJ1	17.0833	After	Interior Girder 6	17.0833	0.95	1	1	13.179665
HL93_str_opr	BOBJ1	17.0833	After	Right Exterior Girder	17.0833	0.95	1	1	19.020708
HL93_str_opr	BOBJ1	22.7	Before	Left Exterior Girder	22.7	0.95	1	1	19.205255
HL93_str_opr	BOBJ1	22.7	Before	Interior Girder 1	22.7	0.95	1	1	13.356924
HL93_str_opr	BOBJ1	22.7	Before	Interior Girder 2	22.7	0.95	1	1	12.24408
HL93_str_opr	BOBJ1	22.7	Before	Interior Girder 3	22.7	0.95	1	1	11.083421
HL93_str_opr	BOBJ1	22.7	Before	Interior Girder 4	22.7	0.95	1	1	11.083421
HL93_str_opr	BOBJ1	22.7	Before	Interior Girder 5	22.7	0.95	1	1	12.24408
HL93_str_opr	BOBJ1	22.7	Before	Interior Girder 6	22.7	0.95	1	1	13.356924
HL93_str_opr	BOBJ1	22.7	Before	Right Exterior Girder	22.7	0.95	1	1	19.205255
HL93_str_opr	BOBJ1	22.7	After	Left Exterior Girder	22.7	0.95	1	1	22.694403

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Approach, Span 12-1									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
HL93_str_opr	BOBJ1	22.7	After	Interior Girder 1	22.7	0.95	1	1	13.492335
HL93_str_opr	BOBJ1	22.7	After	Interior Girder 2	22.7	0.95	1	1	12.038841
HL93_str_opr	BOBJ1	22.7	After	Interior Girder 3	22.7	0.95	1	1	10.276346
HL93_str_opr	BOBJ1	22.7	After	Interior Girder 4	22.7	0.95	1	1	10.276346
HL93_str_opr	BOBJ1	22.7	After	Interior Girder 5	22.7	0.95	1	1	12.038841
HL93_str_opr	BOBJ1	22.7	After	Interior Girder 6	22.7	0.95	1	1	13.492335
HL93_str_opr	BOBJ1	22.7	After	Right Exterior Girder	22.7	0.95	1	1	22.694403
HL93_str_opr	BOBJ1	28.3167	Before	Left Exterior Girder	28.3167	0.95	1	1	22.472853
HL93_str_opr	BOBJ1	28.3167	Before	Interior Girder 1	28.3167	0.95	1	1	13.56127
HL93_str_opr	BOBJ1	28.3167	Before	Interior Girder 2	28.3167	0.95	1	1	12.197458
HL93_str_opr	BOBJ1	28.3167	Before	Interior Girder 3	28.3167	0.95	1	1	10.411655
HL93_str_opr	BOBJ1	28.3167	Before	Interior Girder 4	28.3167	0.95	1	1	10.411655
HL93_str_opr	BOBJ1	28.3167	Before	Interior Girder 5	28.3167	0.95	1	1	12.197458
HL93_str_opr	BOBJ1	28.3167	Before	Interior Girder 6	28.3167	0.95	1	1	13.56127
HL93_str_opr	BOBJ1	28.3167	Before	Right Exterior Girder	28.3167	0.95	1	1	22.472853
HL93_str_opr	BOBJ1	28.3167	After	Left Exterior Girder	28.3167	0.95	1	1	16.74346
HL93_str_opr	BOBJ1	28.3167	After	Interior Girder 1	28.3167	0.95	1	1	10.036586
HL93_str_opr	BOBJ1	28.3167	After	Interior Girder 2	28.3167	0.95	1	1	9.323354
HL93_str_opr	BOBJ1	28.3167	After	Interior Girder 3	28.3167	0.95	1	1	8.083251
HL93_str_opr	BOBJ1	28.3167	After	Interior Girder 4	28.3167	0.95	1	1	8.083251
HL93_str_opr	BOBJ1	28.3167	After	Interior Girder 5	28.3167	0.95	1	1	9.323354
HL93_str_opr	BOBJ1	28.3167	After	Interior Girder 6	28.3167	0.95	1	1	10.036586
HL93_str_opr	BOBJ1	28.3167	After	Right Exterior Girder	28.3167	0.95	1	1	16.74346
HL93_str_opr	BOBJ1	33.9333	Before	Left Exterior Girder	33.9333	0.95	1	1	16.575361
HL93_str_opr	BOBJ1	33.9333	Before	Interior Girder 1	33.9333	0.95	1	1	9.899848
HL93_str_opr	BOBJ1	33.9333	Before	Interior Girder 2	33.9333	0.95	1	1	9.196791
HL93_str_opr	BOBJ1	33.9333	Before	Interior Girder 3	33.9333	0.95	1	1	7.973403
HL93_str_opr	BOBJ1	33.9333	Before	Interior Girder 4	33.9333	0.95	1	1	7.973403
HL93_str_opr	BOBJ1	33.9333	Before	Interior Girder 5	33.9333	0.95	1	1	9.196791
HL93_str_opr	BOBJ1	33.9333	Before	Interior Girder 6	33.9333	0.95	1	1	9.899848
HL93_str_opr	BOBJ1	33.9333	Before	Right Exterior Girder	33.9333	0.95	1	1	16.575361
HL93_str_opr	BOBJ1	33.9333	After	Left Exterior Girder	33.9333	0.95	1	1	12.960575
HL93_str_opr	BOBJ1	33.9333	After	Interior Girder 1	33.9333	0.95	1	1	7.649859
HL93_str_opr	BOBJ1	33.9333	After	Interior Girder 2	33.9333	0.95	1	1	7.133293
HL93_str_opr	BOBJ1	33.9333	After	Interior Girder 3	33.9333	0.95	1	1	6.181824
HL93_str_opr	BOBJ1	33.9333	After	Interior Girder 4	33.9333	0.95	1	1	6.181824
HL93_str_opr	BOBJ1	33.9333	After	Interior Girder 5	33.9333	0.95	1	1	7.133293
HL93_str_opr	BOBJ1	33.9333	After	Interior Girder 6	33.9333	0.95	1	1	7.649859
HL93_str_opr	BOBJ1	33.9333	After	Right Exterior Girder	33.9333	0.95	1	1	12.960575
HL93_str_opr	BOBJ1	39.55	Before	Left Exterior Girder	39.55	0.95	1	1	12.826582
HL93_str_opr	BOBJ1	39.55	Before	Interior Girder 1	39.55	0.95	1	1	7.543772
HL93_str_opr	BOBJ1	39.55	Before	Interior Girder 2	39.55	0.95	1	1	7.034683
HL93_str_opr	BOBJ1	39.55	Before	Interior Girder 3	39.55	0.95	1	1	6.096182
HL93_str_opr	BOBJ1	39.55	Before	Interior Girder 4	39.55	0.95	1	1	6.096182
HL93_str_opr	BOBJ1	39.55	Before	Interior Girder 5	39.55	0.95	1	1	7.034683
HL93_str_opr	BOBJ1	39.55	Before	Interior Girder 6	39.55	0.95	1	1	7.543772
HL93_str_opr	BOBJ1	39.55	Before	Right Exterior Girder	39.55	0.95	1	1	12.826582
HL93_str_opr	BOBJ1	39.55	After	Left Exterior Girder	39.55	0.95	1	1	9.300008
HL93_str_opr	BOBJ1	39.55	After	Interior Girder 1	39.55	0.95	1	1	7.099777
HL93_str_opr	BOBJ1	39.55	After	Interior Girder 2	39.55	0.95	1	1	6.504911
HL93_str_opr	BOBJ1	39.55	After	Interior Girder 3	39.55	0.95	1	1	5.902092
HL93_str_opr	BOBJ1	39.55	After	Interior Girder 4	39.55	0.95	1	1	5.902092
HL93_str_opr	BOBJ1	39.55	After	Interior Girder 5	39.55	0.95	1	1	6.504911
HL93_str_opr	BOBJ1	39.55	After	Interior Girder 6	39.55	0.95	1	1	7.099777
HL93_str_opr	BOBJ1	39.55	After	Right Exterior Girder	39.55	0.95	1	1	9.300008
HL93_str_opr	BOBJ1	45.1733	Before	Left Exterior Girder	45.1226	0.95	1	1	9.200794
HL93_str_opr	BOBJ1	45.1733	Before	Interior Girder 1	45.1226	0.95	1	1	6.999203
HL93_str_opr	BOBJ1	45.1733	Before	Interior Girder 2	45.1226	0.95	1	1	6.413451
HL93_str_opr	BOBJ1	45.1733	Before	Interior Girder 3	45.1226	0.95	1	1	5.818279
HL93_str_opr	BOBJ1	45.1733	Before	Interior Girder 4	45.1226	0.95	1	1	5.818279
HL93_str_opr	BOBJ1	45.1733	Before	Interior Girder 5	45.1226	0.95	1	1	6.413451
HL93_str_opr	BOBJ1	45.1733	Before	Interior Girder 6	45.1226	0.95	1	1	6.999203
HL93_str_opr	BOBJ1	45.1733	Before	Right Exterior Girder	45.1226	0.95	1	1	9.200794
HL93_str_opr	BOBJ1	45.1733	After	Left Exterior Girder	45.1226	0.95	1	1	6.718134
HL93_str_opr	BOBJ1	45.1733	After	Interior Girder 1	45.1226	0.95	1	1	4.745804

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Approach, Span 12-1									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
HL93_str_opr	BOBJ1	45.1733	After	Interior Girder 2	45.1226	0.95	1	1	4.426366
HL93_str_opr	BOBJ1	45.1733	After	Interior Girder 3	45.1226	0.95	1	1	3.822303
HL93_str_opr	BOBJ1	45.1733	After	Interior Girder 4	45.1226	0.95	1	1	3.822303
HL93_str_opr	BOBJ1	45.1733	After	Interior Girder 5	45.1226	0.95	1	1	4.426366
HL93_str_opr	BOBJ1	45.1733	After	Interior Girder 6	45.1226	0.95	1	1	4.745804
HL93_str_opr	BOBJ1	45.1733	After	Right Exterior Girder	45.1226	0.95	1	1	6.718134
HL93_str_opr	BOBJ1	49.2561	Before	Left Exterior Girder	49.2561	0.95	1	1	6.655996
HL93_str_opr	BOBJ1	49.2561	Before	Right Exterior Girder	49.2561	0.95	1	1	6.655996
HL93_str_opr	BOBJ1	49.2561	After	Left Exterior Girder	49.2561	0.95	1	1	5.776772
HL93_str_opr	BOBJ1	49.2561	After	Right Exterior Girder	49.2561	0.95	1	1	5.776772
HL93_str_opr	BOBJ1	50.7967	Before	Left Exterior Girder	50.7967	0.95	1	1	5.754021
HL93_str_opr	BOBJ1	50.7967	Before	Interior Girder 1	50.7967	0.95	1	1	3.894576
HL93_str_opr	BOBJ1	50.7967	Before	Interior Girder 2	50.7967	0.95	1	1	4.353595
HL93_str_opr	BOBJ1	50.7967	Before	Interior Girder 3	50.7967	0.95	1	1	3.758502
HL93_str_opr	BOBJ1	50.7967	Before	Interior Girder 4	50.7967	0.95	1	1	3.758502
HL93_str_opr	BOBJ1	50.7967	Before	Interior Girder 5	50.7967	0.95	1	1	4.353595
HL93_str_opr	BOBJ1	50.7967	Before	Interior Girder 6	50.7967	0.95	1	1	3.894576
HL93_str_opr	BOBJ1	50.7967	Before	Right Exterior Girder	50.7967	0.95	1	1	5.754021
HL93_str_opr	BOBJ1	50.7967	After	Left Exterior Girder	50.7967	0.95	1	1	5.973213
HL93_str_opr	BOBJ1	50.7967	After	Interior Girder 1	50.7967	0.95	1	1	3.314435
HL93_str_opr	BOBJ1	50.7967	After	Interior Girder 2	50.7967	0.95	1	1	3.475771
HL93_str_opr	BOBJ1	50.7967	After	Interior Girder 3	50.7967	0.95	1	1	2.803968
HL93_str_opr	BOBJ1	50.7967	After	Interior Girder 4	50.7967	0.95	1	1	2.803968
HL93_str_opr	BOBJ1	50.7967	After	Interior Girder 5	50.7967	0.95	1	1	3.475771
HL93_str_opr	BOBJ1	50.7967	After	Interior Girder 6	50.7967	0.95	1	1	3.314435
HL93_str_opr	BOBJ1	50.7967	After	Right Exterior Girder	50.7967	0.95	1	1	5.973213
HL93_str_opr	BOBJ1	51.3989	Before	Interior Girder 1	51.3989	0.95	1	1	3.308292
HL93_str_opr	BOBJ1	51.3989	Before	Interior Girder 2	51.3989	0.95	1	1	3.469536
HL93_str_opr	BOBJ1	51.3989	Before	Interior Girder 3	51.3989	0.95	1	1	2.798839
HL93_str_opr	BOBJ1	51.3989	Before	Interior Girder 4	51.3989	0.95	1	1	2.798839
HL93_str_opr	BOBJ1	51.3989	Before	Interior Girder 5	51.3989	0.95	1	1	3.469536
HL93_str_opr	BOBJ1	51.3989	Before	Interior Girder 6	51.3989	0.95	1	1	3.308292
HL93_str_opr	BOBJ1	51.3989	After	Interior Girder 1	51.3989	0.95	1	1	3.836
HL93_str_opr	BOBJ1	51.3989	After	Interior Girder 2	51.3989	0.95	1	1	3.650575
HL93_str_opr	BOBJ1	51.3989	After	Interior Girder 3	51.3989	0.95	1	1	2.979464
HL93_str_opr	BOBJ1	51.3989	After	Interior Girder 4	51.3989	0.95	1	1	2.979464
HL93_str_opr	BOBJ1	51.3989	After	Interior Girder 5	51.3989	0.95	1	1	3.650575
HL93_str_opr	BOBJ1	51.3989	After	Interior Girder 6	51.3989	0.95	1	1	3.836
HL93_str_opr	BOBJ1	56.42	Before	Left Exterior Girder	56.42	0.95	1	1	5.935363
HL93_str_opr	BOBJ1	56.42	Before	Interior Girder 1	56.42	0.95	1	1	3.7751
HL93_str_opr	BOBJ1	56.42	Before	Interior Girder 2	56.42	0.95	1	1	3.593091
HL93_str_opr	BOBJ1	56.42	Before	Interior Girder 3	56.42	0.95	1	1	2.93154
HL93_str_opr	BOBJ1	56.42	Before	Interior Girder 4	56.42	0.95	1	1	2.93154
HL93_str_opr	BOBJ1	56.42	Before	Interior Girder 5	56.42	0.95	1	1	3.593091
HL93_str_opr	BOBJ1	56.42	Before	Interior Girder 6	56.42	0.95	1	1	3.7751
HL93_str_opr	BOBJ1	56.42	Before	Right Exterior Girder	56.42	0.95	1	1	5.935363
HL93_str_opr	BOBJ1	56.42	After	Left Exterior Girder	0	0.95	1	1	5.808373
HL93_str_opr	BOBJ1	56.42	After	Interior Girder 1	0	0.95	1	1	3.827139
HL93_str_opr	BOBJ1	56.42	After	Interior Girder 2	0	0.95	1	1	3.639805
HL93_str_opr	BOBJ1	56.42	After	Interior Girder 3	0	0.95	1	1	2.98062
HL93_str_opr	BOBJ1	56.42	After	Interior Girder 4	0	0.95	1	1	2.98062
HL93_str_opr	BOBJ1	56.42	After	Interior Girder 5	0	0.95	1	1	3.639805
HL93_str_opr	BOBJ1	56.42	After	Interior Girder 6	0	0.95	1	1	3.827139
HL93_str_opr	BOBJ1	56.42	After	Right Exterior Girder	0	0.95	1	1	5.808373
HL93_str_opr	BOBJ1	62.0367	Before	Left Exterior Girder	5.6167	0.95	1	1	5.896709
HL93_str_opr	BOBJ1	62.0367	Before	Interior Girder 1	5.6167	0.95	1	1	3.89554
HL93_str_opr	BOBJ1	62.0367	Before	Interior Girder 2	5.6167	0.95	1	1	3.70438
HL93_str_opr	BOBJ1	62.0367	Before	Interior Girder 3	5.6167	0.95	1	1	3.03466
HL93_str_opr	BOBJ1	62.0367	Before	Interior Girder 4	5.6167	0.95	1	1	3.03466
HL93_str_opr	BOBJ1	62.0367	Before	Interior Girder 5	5.6167	0.95	1	1	3.70438
HL93_str_opr	BOBJ1	62.0367	Before	Interior Girder 6	5.6167	0.95	1	1	3.89554
HL93_str_opr	BOBJ1	62.0367	Before	Right Exterior Girder	5.6167	0.95	1	1	5.896709
HL93_str_opr	BOBJ1	62.0367	After	Left Exterior Girder	5.6167	0.95	1	1	8.845588
HL93_str_opr	BOBJ1	62.0367	After	Interior Girder 1	5.6167	0.95	1	1	3.650877
HL93_str_opr	BOBJ1	62.0367	After	Interior Girder 2	5.6167	0.95	1	1	4.114088

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Approach, Span 12-15									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
HL93_str_opr	BOBJ1	62.0367	After	Interior Girder 3	5.6167	0.95	1	1	3.493995
HL93_str_opr	BOBJ1	62.0367	After	Interior Girder 4	5.6167	0.95	1	1	3.493995
HL93_str_opr	BOBJ1	62.0367	After	Interior Girder 5	5.6167	0.95	1	1	4.114088
HL93_str_opr	BOBJ1	62.0367	After	Interior Girder 6	5.6167	0.95	1	1	3.650877
HL93_str_opr	BOBJ1	62.0367	After	Right Exterior Girder	5.6167	0.95	1	1	8.845588
HL93_str_opr	BOBJ1	62.4203	Before	Interior Girder 1	6.0003	0.95	1	1	3.655346
HL93_str_opr	BOBJ1	62.4203	Before	Interior Girder 2	6.0003	0.95	1	1	4.118978
HL93_str_opr	BOBJ1	62.4203	Before	Interior Girder 3	6.0003	0.95	1	1	3.498229
HL93_str_opr	BOBJ1	62.4203	Before	Interior Girder 4	6.0003	0.95	1	1	3.498229
HL93_str_opr	BOBJ1	62.4203	Before	Interior Girder 5	6.0003	0.95	1	1	4.118978
HL93_str_opr	BOBJ1	62.4203	Before	Interior Girder 6	6.0003	0.95	1	1	3.655346
HL93_str_opr	BOBJ1	62.4203	After	Interior Girder 1	6.0003	0.95	1	1	3.662669
HL93_str_opr	BOBJ1	62.4203	After	Interior Girder 2	6.0003	0.95	1	1	4.378264
HL93_str_opr	BOBJ1	62.4203	After	Interior Girder 3	6.0003	0.95	1	1	3.813436
HL93_str_opr	BOBJ1	62.4203	After	Interior Girder 4	6.0003	0.95	1	1	3.813436
HL93_str_opr	BOBJ1	62.4203	After	Interior Girder 5	6.0003	0.95	1	1	4.378264
HL93_str_opr	BOBJ1	62.4203	After	Interior Girder 6	6.0003	0.95	1	1	3.662669
HL93_str_opr	BOBJ1	64.9204	Before	Left Exterior Girder	8.5004	0.95	1	1	6.337833
HL93_str_opr	BOBJ1	64.9204	Before	Right Exterior Girder	8.5004	0.95	1	1	6.337833
HL93_str_opr	BOBJ1	64.9204	After	Left Exterior Girder	8.5004	0.95	1	1	6.413669
HL93_str_opr	BOBJ1	64.9204	After	Right Exterior Girder	8.5004	0.95	1	1	6.413669
HL93_str_opr	BOBJ1	67.6533	Before	Left Exterior Girder	11.2333	0.95	1	1	6.452719
HL93_str_opr	BOBJ1	67.6533	Before	Interior Girder 1	11.2333	0.95	1	1	4.828576
HL93_str_opr	BOBJ1	67.6533	Before	Interior Girder 2	11.2333	0.95	1	1	4.445708
HL93_str_opr	BOBJ1	67.6533	Before	Interior Girder 3	11.2333	0.95	1	1	3.873116
HL93_str_opr	BOBJ1	67.6533	Before	Interior Girder 4	11.2333	0.95	1	1	3.873116
HL93_str_opr	BOBJ1	67.6533	Before	Interior Girder 5	11.2333	0.95	1	1	4.445708
HL93_str_opr	BOBJ1	67.6533	Before	Interior Girder 6	11.2333	0.95	1	1	4.828576
HL93_str_opr	BOBJ1	67.6533	Before	Right Exterior Girder	11.2333	0.95	1	1	6.452719
HL93_str_opr	BOBJ1	67.6533	After	Left Exterior Girder	11.2333	0.95	1	1	7.265074
HL93_str_opr	BOBJ1	67.6533	After	Interior Girder 1	11.2333	0.95	1	1	5.862871
HL93_str_opr	BOBJ1	67.6533	After	Interior Girder 2	11.2333	0.95	1	1	5.389511
HL93_str_opr	BOBJ1	67.6533	After	Interior Girder 3	11.2333	0.95	1	1	4.931832
HL93_str_opr	BOBJ1	67.6533	After	Interior Girder 4	11.2333	0.95	1	1	4.931832
HL93_str_opr	BOBJ1	67.6533	After	Interior Girder 5	11.2333	0.95	1	1	5.389511
HL93_str_opr	BOBJ1	67.6533	After	Interior Girder 6	11.2333	0.95	1	1	5.862871
HL93_str_opr	BOBJ1	67.6533	After	Right Exterior Girder	11.2333	0.95	1	1	7.265074
HL93_str_opr	BOBJ1	73.27	Before	Left Exterior Girder	16.85	0.95	1	1	7.353229
HL93_str_opr	BOBJ1	73.27	Before	Interior Girder 1	16.85	0.95	1	1	5.958675
HL93_str_opr	BOBJ1	73.27	Before	Interior Girder 2	16.85	0.95	1	1	5.476878
HL93_str_opr	BOBJ1	73.27	Before	Interior Girder 3	16.85	0.95	1	1	5.012784
HL93_str_opr	BOBJ1	73.27	Before	Interior Girder 4	16.85	0.95	1	1	5.012784
HL93_str_opr	BOBJ1	73.27	Before	Interior Girder 5	16.85	0.95	1	1	5.476878
HL93_str_opr	BOBJ1	73.27	Before	Interior Girder 6	16.85	0.95	1	1	5.958675
HL93_str_opr	BOBJ1	73.27	Before	Right Exterior Girder	16.85	0.95	1	1	7.353229
HL93_str_opr	BOBJ1	73.27	After	Left Exterior Girder	16.85	0.95	1	1	10.037405
HL93_str_opr	BOBJ1	73.27	After	Interior Girder 1	16.85	0.95	1	1	6.270497
HL93_str_opr	BOBJ1	73.27	After	Interior Girder 2	16.85	0.95	1	1	5.90682
HL93_str_opr	BOBJ1	73.27	After	Interior Girder 3	16.85	0.95	1	1	5.185111
HL93_str_opr	BOBJ1	73.27	After	Interior Girder 4	16.85	0.95	1	1	5.185111
HL93_str_opr	BOBJ1	73.27	After	Interior Girder 5	16.85	0.95	1	1	5.90682
HL93_str_opr	BOBJ1	73.27	After	Interior Girder 6	16.85	0.95	1	1	6.270497
HL93_str_opr	BOBJ1	73.27	After	Right Exterior Girder	16.85	0.95	1	1	10.037405
HL93_str_opr	BOBJ1	78.8867	Before	Left Exterior Girder	22.4667	0.95	1	1	10.15487
HL93_str_opr	BOBJ1	78.8867	Before	Interior Girder 1	22.4667	0.95	1	1	6.370617
HL93_str_opr	BOBJ1	78.8867	Before	Interior Girder 2	22.4667	0.95	1	1	6.000872
HL93_str_opr	BOBJ1	78.8867	Before	Interior Girder 3	22.4667	0.95	1	1	5.26791
HL93_str_opr	BOBJ1	78.8867	Before	Interior Girder 4	22.4667	0.95	1	1	5.26791
HL93_str_opr	BOBJ1	78.8867	Before	Interior Girder 5	22.4667	0.95	1	1	6.000872
HL93_str_opr	BOBJ1	78.8867	Before	Interior Girder 6	22.4667	0.95	1	1	6.370617
HL93_str_opr	BOBJ1	78.8867	Before	Right Exterior Girder	22.4667	0.95	1	1	10.15487
HL93_str_opr	BOBJ1	78.8867	After	Left Exterior Girder	22.4667	0.95	1	1	12.34671
HL93_str_opr	BOBJ1	78.8867	After	Interior Girder 1	22.4667	0.95	1	1	8.055775
HL93_str_opr	BOBJ1	78.8867	After	Interior Girder 2	22.4667	0.95	1	1	7.487715
HL93_str_opr	BOBJ1	78.8867	After	Interior Girder 3	22.4667	0.95	1	1	6.726519

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Approach, Span 12-1									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
HL93_str_opr	BOBJ1	78.8867	After	Interior Girder 4	22.4667	0.95	1	1	6.726519
HL93_str_opr	BOBJ1	78.8867	After	Interior Girder 5	22.4667	0.95	1	1	7.487715
HL93_str_opr	BOBJ1	78.8867	After	Interior Girder 6	22.4667	0.95	1	1	8.055775
HL93_str_opr	BOBJ1	78.8867	After	Right Exterior Girder	22.4667	0.95	1	1	12.34671
HL93_str_opr	BOBJ1	84.5033	Before	Left Exterior Girder	28.0833	0.95	1	1	12.486309
HL93_str_opr	BOBJ1	84.5033	Before	Interior Girder 1	28.0833	0.95	1	1	8.18179
HL93_str_opr	BOBJ1	84.5033	Before	Interior Girder 2	28.0833	0.95	1	1	7.60445
HL93_str_opr	BOBJ1	84.5033	Before	Interior Girder 3	28.0833	0.95	1	1	6.831552
HL93_str_opr	BOBJ1	84.5033	Before	Interior Girder 4	28.0833	0.95	1	1	6.831552
HL93_str_opr	BOBJ1	84.5033	Before	Interior Girder 5	28.0833	0.95	1	1	7.60445
HL93_str_opr	BOBJ1	84.5033	Before	Interior Girder 6	28.0833	0.95	1	1	8.18179
HL93_str_opr	BOBJ1	84.5033	Before	Right Exterior Girder	28.0833	0.95	1	1	12.486309
HL93_str_opr	BOBJ1	84.5033	After	Left Exterior Girder	28.0833	0.95	1	1	15.74916
HL93_str_opr	BOBJ1	84.5033	After	Interior Girder 1	28.0833	0.95	1	1	10.694912
HL93_str_opr	BOBJ1	84.5033	After	Interior Girder 2	28.0833	0.95	1	1	9.823836
HL93_str_opr	BOBJ1	84.5033	After	Interior Girder 3	28.0833	0.95	1	1	8.440033
HL93_str_opr	BOBJ1	84.5033	After	Interior Girder 4	28.0833	0.95	1	1	8.440033
HL93_str_opr	BOBJ1	84.5033	After	Interior Girder 5	28.0833	0.95	1	1	9.823836
HL93_str_opr	BOBJ1	84.5033	After	Interior Girder 6	28.0833	0.95	1	1	10.694912
HL93_str_opr	BOBJ1	84.5033	After	Right Exterior Girder	28.0833	0.95	1	1	15.74916
HL93_str_opr	BOBJ1	90.12	Before	Left Exterior Girder	33.7	0.95	1	1	15.921481
HL93_str_opr	BOBJ1	90.12	Before	Interior Girder 1	33.7	0.95	1	1	10.857235
HL93_str_opr	BOBJ1	90.12	Before	Interior Girder 2	33.7	0.95	1	1	9.678914
HL93_str_opr	BOBJ1	90.12	Before	Interior Girder 3	33.7	0.95	1	1	8.31564
HL93_str_opr	BOBJ1	90.12	Before	Interior Girder 4	33.7	0.95	1	1	8.31564
HL93_str_opr	BOBJ1	90.12	Before	Interior Girder 5	33.7	0.95	1	1	9.678914
HL93_str_opr	BOBJ1	90.12	Before	Interior Girder 6	33.7	0.95	1	1	10.857235
HL93_str_opr	BOBJ1	90.12	Before	Right Exterior Girder	33.7	0.95	1	1	15.921481
HL93_str_opr	BOBJ1	90.12	After	Left Exterior Girder	33.7	0.95	1	1	16.47635
HL93_str_opr	BOBJ1	90.12	After	Interior Girder 1	33.7	0.95	1	1	10.829525
HL93_str_opr	BOBJ1	90.12	After	Interior Girder 2	33.7	0.95	1	1	9.67288
HL93_str_opr	BOBJ1	90.12	After	Interior Girder 3	33.7	0.95	1	1	8.314308
HL93_str_opr	BOBJ1	90.12	After	Interior Girder 4	33.7	0.95	1	1	8.314308
HL93_str_opr	BOBJ1	90.12	After	Interior Girder 5	33.7	0.95	1	1	9.67288
HL93_str_opr	BOBJ1	90.12	After	Interior Girder 6	33.7	0.95	1	1	10.829525
HL93_str_opr	BOBJ1	90.12	After	Right Exterior Girder	33.7	0.95	1	1	16.47635
HL93_str_opr	BOBJ1	95.7367	Before	Left Exterior Girder	39.3167	0.95	1	1	16.298058
HL93_str_opr	BOBJ1	95.7367	Before	Interior Girder 1	39.3167	0.95	1	1	10.799988
HL93_str_opr	BOBJ1	95.7367	Before	Interior Girder 2	39.3167	0.95	1	1	9.817622
HL93_str_opr	BOBJ1	95.7367	Before	Interior Girder 3	39.3167	0.95	1	1	8.438585
HL93_str_opr	BOBJ1	95.7367	Before	Interior Girder 4	39.3167	0.95	1	1	8.438585
HL93_str_opr	BOBJ1	95.7367	Before	Interior Girder 5	39.3167	0.95	1	1	9.817622
HL93_str_opr	BOBJ1	95.7367	Before	Interior Girder 6	39.3167	0.95	1	1	10.799988
HL93_str_opr	BOBJ1	95.7367	Before	Right Exterior Girder	39.3167	0.95	1	1	16.298058
HL93_str_opr	BOBJ1	95.7367	After	Left Exterior Girder	39.3167	0.95	1	1	12.769519
HL93_str_opr	BOBJ1	95.7367	After	Interior Girder 1	39.3167	0.95	1	1	8.246838
HL93_str_opr	BOBJ1	95.7367	After	Interior Girder 2	39.3167	0.95	1	1	7.674643
HL93_str_opr	BOBJ1	95.7367	After	Interior Girder 3	39.3167	0.95	1	1	6.839877
HL93_str_opr	BOBJ1	95.7367	After	Interior Girder 4	39.3167	0.95	1	1	6.839877
HL93_str_opr	BOBJ1	95.7367	After	Interior Girder 5	39.3167	0.95	1	1	7.674643
HL93_str_opr	BOBJ1	95.7367	After	Interior Girder 6	39.3167	0.95	1	1	8.246838
HL93_str_opr	BOBJ1	95.7367	After	Right Exterior Girder	39.3167	0.95	1	1	12.769519
HL93_str_opr	BOBJ1	101.3533	Before	Left Exterior Girder	44.9333	0.95	1	1	12.626782
HL93_str_opr	BOBJ1	101.3533	Before	Interior Girder 1	44.9333	0.95	1	1	8.119769
HL93_str_opr	BOBJ1	101.3533	Before	Interior Girder 2	44.9333	0.95	1	1	7.556754
HL93_str_opr	BOBJ1	101.3533	Before	Interior Girder 3	44.9333	0.95	1	1	6.734632
HL93_str_opr	BOBJ1	101.3533	Before	Interior Girder 4	44.9333	0.95	1	1	6.734632
HL93_str_opr	BOBJ1	101.3533	Before	Interior Girder 5	44.9333	0.95	1	1	7.556754
HL93_str_opr	BOBJ1	101.3533	Before	Interior Girder 6	44.9333	0.95	1	1	8.119769
HL93_str_opr	BOBJ1	101.3533	Before	Right Exterior Girder	44.9333	0.95	1	1	12.626782
HL93_str_opr	BOBJ1	101.3533	After	Left Exterior Girder	44.9333	0.95	1	1	10.354206
HL93_str_opr	BOBJ1	101.3533	After	Interior Girder 1	44.9333	0.95	1	1	6.413289
HL93_str_opr	BOBJ1	101.3533	After	Interior Girder 2	44.9333	0.95	1	1	6.042271
HL93_str_opr	BOBJ1	101.3533	After	Interior Girder 3	44.9333	0.95	1	1	5.270942
HL93_str_opr	BOBJ1	101.3533	After	Interior Girder 4	44.9333	0.95	1	1	5.270942

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Approach, Span 12-1									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
HL93_str_opr	BOBJ1	101.3533	After	Interior Girder 5	44.9333	0.95	1	1	6.042271
HL93_str_opr	BOBJ1	101.3533	After	Interior Girder 6	44.9333	0.95	1	1	6.413289
HL93_str_opr	BOBJ1	101.3533	After	Right Exterior Girder	44.9333	0.95	1	1	10.354206
HL93_str_opr	BOBJ1	106.97	Before	Left Exterior Girder	50.55	0.95	1	1	10.234461
HL93_str_opr	BOBJ1	106.97	Before	Interior Girder 1	50.55	0.95	1	1	6.312459
HL93_str_opr	BOBJ1	106.97	Before	Interior Girder 2	50.55	0.95	1	1	5.947505
HL93_str_opr	BOBJ1	106.97	Before	Interior Girder 3	50.55	0.95	1	1	5.188029
HL93_str_opr	BOBJ1	106.97	Before	Interior Girder 4	50.55	0.95	1	1	5.188029
HL93_str_opr	BOBJ1	106.97	Before	Interior Girder 5	50.55	0.95	1	1	5.947505
HL93_str_opr	BOBJ1	106.97	Before	Interior Girder 6	50.55	0.95	1	1	6.312459
HL93_str_opr	BOBJ1	106.97	Before	Right Exterior Girder	50.55	0.95	1	1	10.234461
HL93_str_opr	BOBJ1	106.97	After	Left Exterior Girder	50.55	0.95	1	1	7.479962
HL93_str_opr	BOBJ1	106.97	After	Interior Girder 1	50.55	0.95	1	1	6.019726
HL93_str_opr	BOBJ1	106.97	After	Interior Girder 2	50.55	0.95	1	1	5.521606
HL93_str_opr	BOBJ1	106.97	After	Interior Girder 3	50.55	0.95	1	1	5.044166
HL93_str_opr	BOBJ1	106.97	After	Interior Girder 4	50.55	0.95	1	1	5.044166
HL93_str_opr	BOBJ1	106.97	After	Interior Girder 5	50.55	0.95	1	1	5.521606
HL93_str_opr	BOBJ1	106.97	After	Interior Girder 6	50.55	0.95	1	1	6.019726
HL93_str_opr	BOBJ1	106.97	After	Right Exterior Girder	50.55	0.95	1	1	7.479962
HL93_str_opr	BOBJ1	112.5933	Before	Left Exterior Girder	56.1733	0.95	1	1	7.390211
HL93_str_opr	BOBJ1	112.5933	Before	Interior Girder 1	56.1733	0.95	1	1	5.922789
HL93_str_opr	BOBJ1	112.5933	Before	Interior Girder 2	56.1733	0.95	1	1	5.433339
HL93_str_opr	BOBJ1	112.5933	Before	Interior Girder 3	56.1733	0.95	1	1	4.962548
HL93_str_opr	BOBJ1	112.5933	Before	Interior Girder 4	56.1733	0.95	1	1	4.962548
HL93_str_opr	BOBJ1	112.5933	Before	Interior Girder 5	56.1733	0.95	1	1	5.433339
HL93_str_opr	BOBJ1	112.5933	Before	Interior Girder 6	56.1733	0.95	1	1	5.922789
HL93_str_opr	BOBJ1	112.5933	Before	Right Exterior Girder	56.1733	0.95	1	1	7.390211
HL93_str_opr	BOBJ1	112.5933	After	Left Exterior Girder	56.1733	0.95	1	1	6.589567
HL93_str_opr	BOBJ1	112.5933	After	Interior Girder 1	56.1733	0.95	1	1	4.841522
HL93_str_opr	BOBJ1	112.5933	After	Interior Girder 2	56.1733	0.95	1	1	4.47152
HL93_str_opr	BOBJ1	112.5933	After	Interior Girder 3	56.1733	0.95	1	1	3.888015
HL93_str_opr	BOBJ1	112.5933	After	Interior Girder 4	56.1733	0.95	1	1	3.888015
HL93_str_opr	BOBJ1	112.5933	After	Interior Girder 5	56.1733	0.95	1	1	4.47152
HL93_str_opr	BOBJ1	112.5933	After	Interior Girder 6	56.1733	0.95	1	1	4.841522
HL93_str_opr	BOBJ1	112.5933	After	Right Exterior Girder	56.1733	0.95	1	1	6.589567
HL93_str_opr	BOBJ1	115.3396	Before	Left Exterior Girder	58.9196	0.95	1	1	6.54952
HL93_str_opr	BOBJ1	115.3396	Before	Right Exterior Girder	58.9196	0.95	1	1	6.54952
HL93_str_opr	BOBJ1	115.3396	After	Left Exterior Girder	58.9196	0.95	1	1	6.183153
HL93_str_opr	BOBJ1	115.3396	After	Right Exterior Girder	58.9196	0.95	1	1	6.183153
HL93_str_opr	BOBJ1	118.2167	Before	Left Exterior Girder	61.7967	0.95	1	1	6.136969
HL93_str_opr	BOBJ1	118.2167	Before	Interior Girder 1	61.9198	0.95	1	1	4.817737
HL93_str_opr	BOBJ1	118.2167	Before	Interior Girder 2	61.9198	0.95	1	1	4.398536
HL93_str_opr	BOBJ1	118.2167	Before	Interior Girder 3	61.9198	0.95	1	1	3.823569
HL93_str_opr	BOBJ1	118.2167	Before	Interior Girder 4	61.9198	0.95	1	1	3.823569
HL93_str_opr	BOBJ1	118.2167	Before	Interior Girder 5	61.9198	0.95	1	1	4.398536
HL93_str_opr	BOBJ1	118.2167	Before	Interior Girder 6	61.9198	0.95	1	1	4.817737
HL93_str_opr	BOBJ1	118.2167	Before	Right Exterior Girder	61.7967	0.95	1	1	6.136969
HL93_str_opr	BOBJ1	118.2167	After	Left Exterior Girder	61.7967	0.95	1	1	5.938177
HL93_str_opr	BOBJ1	118.2167	After	Interior Girder 1	61.9198	0.95	1	1	3.912945
HL93_str_opr	BOBJ1	118.2167	After	Interior Girder 2	61.9198	0.95	1	1	3.712525
HL93_str_opr	BOBJ1	118.2167	After	Interior Girder 3	61.9198	0.95	1	1	3.035884
HL93_str_opr	BOBJ1	118.2167	After	Interior Girder 4	61.9198	0.95	1	1	3.035884
HL93_str_opr	BOBJ1	118.2167	After	Interior Girder 5	61.9198	0.95	1	1	3.712525
HL93_str_opr	BOBJ1	118.2167	After	Interior Girder 6	61.9198	0.95	1	1	3.912945
HL93_str_opr	BOBJ1	118.2167	After	Right Exterior Girder	61.7967	0.95	1	1	5.938177
HL93_str_opr	BOBJ1	123.84	Before	Left Exterior Girder	67.42	0.95	1	1	5.849161
HL93_str_opr	BOBJ1	123.84	Before	Interior Girder 1	67.42	0.95	1	1	3.844125
HL93_str_opr	BOBJ1	123.84	Before	Interior Girder 2	67.42	0.95	1	1	3.647657
HL93_str_opr	BOBJ1	123.84	Before	Interior Girder 3	67.42	0.95	1	1	2.981717
HL93_str_opr	BOBJ1	123.84	Before	Interior Girder 4	67.42	0.95	1	1	2.981717
HL93_str_opr	BOBJ1	123.84	Before	Interior Girder 5	67.42	0.95	1	1	3.647657
HL93_str_opr	BOBJ1	123.84	Before	Interior Girder 6	67.42	0.95	1	1	3.844125
HL93_str_opr	BOBJ1	123.84	Before	Right Exterior Girder	67.42	0.95	1	1	5.849161
HL93_str_opr	BOBJ1	123.84	After	Left Exterior Girder	0	0.95	1	1	5.970738
HL93_str_opr	BOBJ1	123.84	After	Interior Girder 1	0	0.95	1	1	3.893655

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Approach, Span 12-1									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
HL93_str_opr	BOBJ1	123.84	After	Interior Girder 2	0	0.95	1	1	3.645839
HL93_str_opr	BOBJ1	123.84	After	Interior Girder 3	0	0.95	1	1	2.981074
HL93_str_opr	BOBJ1	123.84	After	Interior Girder 4	0	0.95	1	1	2.981074
HL93_str_opr	BOBJ1	123.84	After	Interior Girder 5	0	0.95	1	1	3.645839
HL93_str_opr	BOBJ1	123.84	After	Interior Girder 6	0	0.95	1	1	3.893655
HL93_str_opr	BOBJ1	123.84	After	Right Exterior Girder	0	0.95	1	1	5.970738
HL93_str_opr	BOBJ1	129.34	Before	Interior Girder 1	5.5	0.95	1	1	3.961908
HL93_str_opr	BOBJ1	129.34	Before	Interior Girder 2	5.5	0.95	1	1	3.70925
HL93_str_opr	BOBJ1	129.34	Before	Interior Girder 3	5.5	0.95	1	1	3.03417
HL93_str_opr	BOBJ1	129.34	Before	Interior Girder 4	5.5	0.95	1	1	3.03417
HL93_str_opr	BOBJ1	129.34	Before	Interior Girder 5	5.5	0.95	1	1	3.70925
HL93_str_opr	BOBJ1	129.34	Before	Interior Girder 6	5.5	0.95	1	1	3.961908
HL93_str_opr	BOBJ1	129.34	After	Interior Girder 1	5.5	0.95	1	1	3.789544
HL93_str_opr	BOBJ1	129.34	After	Interior Girder 2	5.5	0.95	1	1	3.861728
HL93_str_opr	BOBJ1	129.34	After	Interior Girder 3	5.5	0.95	1	1	3.15043
HL93_str_opr	BOBJ1	129.34	After	Interior Girder 4	5.5	0.95	1	1	3.15043
HL93_str_opr	BOBJ1	129.34	After	Interior Girder 5	5.5	0.95	1	1	3.861728
HL93_str_opr	BOBJ1	129.34	After	Interior Girder 6	5.5	0.95	1	1	3.789544
HL93_str_opr	BOBJ1	130.79	Before	Left Exterior Girder	6.95	0.95	1	1	5.311158
HL93_str_opr	BOBJ1	130.79	Before	Interior Girder 1	6.95	0.95	1	1	3.806161
HL93_str_opr	BOBJ1	130.79	Before	Interior Girder 2	6.95	0.95	1	1	3.878273
HL93_str_opr	BOBJ1	130.79	Before	Interior Girder 3	6.95	0.95	1	1	3.164217
HL93_str_opr	BOBJ1	130.79	Before	Interior Girder 4	6.95	0.95	1	1	3.164217
HL93_str_opr	BOBJ1	130.79	Before	Interior Girder 5	6.95	0.95	1	1	3.878273
HL93_str_opr	BOBJ1	130.79	Before	Interior Girder 6	6.95	0.95	1	1	3.806161
HL93_str_opr	BOBJ1	130.79	Before	Right Exterior Girder	6.95	0.95	1	1	5.311158
HL93_str_opr	BOBJ1	130.79	After	Left Exterior Girder	6.95	0.95	1	1	5.529786
HL93_str_opr	BOBJ1	130.79	After	Interior Girder 1	6.95	0.95	1	1	5.027228
HL93_str_opr	BOBJ1	130.79	After	Interior Girder 2	6.95	0.95	1	1	4.871328
HL93_str_opr	BOBJ1	130.79	After	Interior Girder 3	6.95	0.95	1	1	4.373115
HL93_str_opr	BOBJ1	130.79	After	Interior Girder 4	6.95	0.95	1	1	4.373115
HL93_str_opr	BOBJ1	130.79	After	Interior Girder 5	6.95	0.95	1	1	4.871328
HL93_str_opr	BOBJ1	130.79	After	Interior Girder 6	6.95	0.95	1	1	5.027228
HL93_str_opr	BOBJ1	130.79	After	Right Exterior Girder	6.95	0.95	1	1	5.529786
HL93_str_opr	BOBJ1	132.34	Before	Left Exterior Girder	8.5	0.95	1	1	5.552499
HL93_str_opr	BOBJ1	132.34	Before	Right Exterior Girder	8.5	0.95	1	1	5.552499
HL93_str_opr	BOBJ1	132.34	After	Left Exterior Girder	8.5	0.95	1	1	6.702861
HL93_str_opr	BOBJ1	132.34	After	Right Exterior Girder	8.5	0.95	1	1	6.702861
HL93_str_opr	BOBJ1	137.74	Before	Left Exterior Girder	13.9	0.95	1	1	6.782823
HL93_str_opr	BOBJ1	137.74	Before	Interior Girder 1	13.9	0.95	1	1	5.397091
HL93_str_opr	BOBJ1	137.74	Before	Interior Girder 2	13.9	0.95	1	1	4.970696
HL93_str_opr	BOBJ1	137.74	Before	Interior Girder 3	13.9	0.95	1	1	4.463785
HL93_str_opr	BOBJ1	137.74	Before	Interior Girder 4	13.9	0.95	1	1	4.463785
HL93_str_opr	BOBJ1	137.74	Before	Interior Girder 5	13.9	0.95	1	1	4.970696
HL93_str_opr	BOBJ1	137.74	Before	Interior Girder 6	13.9	0.95	1	1	5.397091
HL93_str_opr	BOBJ1	137.74	Before	Right Exterior Girder	13.9	0.95	1	1	6.782823
HL93_str_opr	BOBJ1	137.74	After	Left Exterior Girder	13.9	0.95	1	1	9.048896
HL93_str_opr	BOBJ1	137.74	After	Interior Girder 1	13.9	0.95	1	1	5.823917
HL93_str_opr	BOBJ1	137.74	After	Interior Girder 2	13.9	0.95	1	1	5.453698
HL93_str_opr	BOBJ1	137.74	After	Interior Girder 3	13.9	0.95	1	1	4.818172
HL93_str_opr	BOBJ1	137.74	After	Interior Girder 4	13.9	0.95	1	1	4.818172
HL93_str_opr	BOBJ1	137.74	After	Interior Girder 5	13.9	0.95	1	1	5.453698
HL93_str_opr	BOBJ1	137.74	After	Interior Girder 6	13.9	0.95	1	1	5.823917
HL93_str_opr	BOBJ1	137.74	After	Right Exterior Girder	13.9	0.95	1	1	9.048896
HL93_str_opr	BOBJ1	143.7733	Before	Left Exterior Girder	19.9333	0.95	1	1	9.164812
HL93_str_opr	BOBJ1	143.7733	Before	Interior Girder 1	19.9333	0.95	1	1	5.925107
HL93_str_opr	BOBJ1	143.7733	Before	Interior Girder 2	19.9333	0.95	1	1	5.548191
HL93_str_opr	BOBJ1	143.7733	Before	Interior Girder 3	19.9333	0.95	1	1	4.901979
HL93_str_opr	BOBJ1	143.7733	Before	Interior Girder 4	19.9333	0.95	1	1	4.901979
HL93_str_opr	BOBJ1	143.7733	Before	Interior Girder 5	19.9333	0.95	1	1	5.548191
HL93_str_opr	BOBJ1	143.7733	Before	Interior Girder 6	19.9333	0.95	1	1	5.925107
HL93_str_opr	BOBJ1	143.7733	Before	Right Exterior Girder	19.9333	0.95	1	1	9.164812
HL93_str_opr	BOBJ1	143.7733	After	Left Exterior Girder	19.9333	0.95	1	1	11.132066
HL93_str_opr	BOBJ1	143.7733	After	Interior Girder 1	19.9333	0.95	1	1	7.545371
HL93_str_opr	BOBJ1	143.7733	After	Interior Girder 2	19.9333	0.95	1	1	6.959536

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Approach, Span 12-1									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
HL93_str_opr	BOBJ1	143.7733	After	Interior Girder 3	19.9333	0.95	1	1	6.326477
HL93_str_opr	BOBJ1	143.7733	After	Interior Girder 4	19.9333	0.95	1	1	6.326477
HL93_str_opr	BOBJ1	143.7733	After	Interior Girder 5	19.9333	0.95	1	1	6.959536
HL93_str_opr	BOBJ1	143.7733	After	Interior Girder 6	19.9333	0.95	1	1	7.545371
HL93_str_opr	BOBJ1	143.7733	After	Right Exterior Girder	19.9333	0.95	1	1	11.132066
HL93_str_opr	BOBJ1	149.8067	Before	Left Exterior Girder	25.9667	0.95	1	1	11.269379
HL93_str_opr	BOBJ1	149.8067	Before	Interior Girder 1	25.9667	0.95	1	1	7.673603
HL93_str_opr	BOBJ1	149.8067	Before	Interior Girder 2	25.9667	0.95	1	1	7.077399
HL93_str_opr	BOBJ1	149.8067	Before	Interior Girder 3	25.9667	0.95	1	1	6.433856
HL93_str_opr	BOBJ1	149.8067	Before	Interior Girder 4	25.9667	0.95	1	1	6.433856
HL93_str_opr	BOBJ1	149.8067	Before	Interior Girder 5	25.9667	0.95	1	1	7.077399
HL93_str_opr	BOBJ1	149.8067	Before	Interior Girder 6	25.9667	0.95	1	1	7.673603
HL93_str_opr	BOBJ1	149.8067	Before	Right Exterior Girder	25.9667	0.95	1	1	11.269379
HL93_str_opr	BOBJ1	149.8067	After	Left Exterior Girder	25.9667	0.95	1	1	14.151574
HL93_str_opr	BOBJ1	149.8067	After	Interior Girder 1	25.9667	0.95	1	1	10.09441
HL93_str_opr	BOBJ1	149.8067	After	Interior Girder 2	25.9667	0.95	1	1	9.213528
HL93_str_opr	BOBJ1	149.8067	After	Interior Girder 3	25.9667	0.95	1	1	8.52028
HL93_str_opr	BOBJ1	149.8067	After	Interior Girder 4	25.9667	0.95	1	1	8.52028
HL93_str_opr	BOBJ1	149.8067	After	Interior Girder 5	25.9667	0.95	1	1	9.213528
HL93_str_opr	BOBJ1	149.8067	After	Interior Girder 6	25.9667	0.95	1	1	10.09441
HL93_str_opr	BOBJ1	149.8067	After	Right Exterior Girder	25.9667	0.95	1	1	14.151574
HL93_str_opr	BOBJ1	155.84	Before	Left Exterior Girder	32	0.95	1	1	14.319995
HL93_str_opr	BOBJ1	155.84	Before	Interior Girder 1	32	0.95	1	1	10.262176
HL93_str_opr	BOBJ1	155.84	Before	Interior Girder 2	32	0.95	1	1	9.36606
HL93_str_opr	BOBJ1	155.84	Before	Interior Girder 3	32	0.95	1	1	8.661542
HL93_str_opr	BOBJ1	155.84	Before	Interior Girder 4	32	0.95	1	1	8.661542
HL93_str_opr	BOBJ1	155.84	Before	Interior Girder 5	32	0.95	1	1	9.36606
HL93_str_opr	BOBJ1	155.84	Before	Interior Girder 6	32	0.95	1	1	10.262176
HL93_str_opr	BOBJ1	155.84	Before	Right Exterior Girder	32	0.95	1	1	14.319995
HL93_str_opr	BOBJ1	155.84	After	Left Exterior Girder	32	0.95	1	1	18.022046
HL93_str_opr	BOBJ1	155.84	After	Interior Girder 1	32	0.95	1	1	10.281822
HL93_str_opr	BOBJ1	155.84	After	Interior Girder 2	32	0.95	1	1	9.227406
HL93_str_opr	BOBJ1	155.84	After	Interior Girder 3	32	0.95	1	1	7.930477
HL93_str_opr	BOBJ1	155.84	After	Interior Girder 4	32	0.95	1	1	7.930477
HL93_str_opr	BOBJ1	155.84	After	Interior Girder 5	32	0.95	1	1	9.227406
HL93_str_opr	BOBJ1	155.84	After	Interior Girder 6	32	0.95	1	1	10.281822
HL93_str_opr	BOBJ1	155.84	After	Right Exterior Girder	32	0.95	1	1	18.022046
HL93_str_opr	BOBJ1	161.8733	Before	Left Exterior Girder	38.0333	0.95	1	1	17.814709
HL93_str_opr	BOBJ1	161.8733	Before	Interior Girder 1	38.0333	0.95	1	1	10.447778
HL93_str_opr	BOBJ1	161.8733	Before	Interior Girder 2	38.0333	0.95	1	1	9.376862
HL93_str_opr	BOBJ1	161.8733	Before	Interior Girder 3	38.0333	0.95	1	1	8.058857
HL93_str_opr	BOBJ1	161.8733	Before	Interior Girder 4	38.0333	0.95	1	1	8.058857
HL93_str_opr	BOBJ1	161.8733	Before	Interior Girder 5	38.0333	0.95	1	1	9.376862
HL93_str_opr	BOBJ1	161.8733	Before	Interior Girder 6	38.0333	0.95	1	1	10.447778
HL93_str_opr	BOBJ1	161.8733	Before	Right Exterior Girder	38.0333	0.95	1	1	17.814709
HL93_str_opr	BOBJ1	161.8733	After	Left Exterior Girder	38.0333	0.95	1	1	13.519849
HL93_str_opr	BOBJ1	161.8733	After	Interior Girder 1	38.0333	0.95	1	1	8.561263
HL93_str_opr	BOBJ1	161.8733	After	Interior Girder 2	38.0333	0.95	1	1	8.005543
HL93_str_opr	BOBJ1	161.8733	After	Interior Girder 3	38.0333	0.95	1	1	7.13654
HL93_str_opr	BOBJ1	161.8733	After	Interior Girder 4	38.0333	0.95	1	1	7.13654
HL93_str_opr	BOBJ1	161.8733	After	Interior Girder 5	38.0333	0.95	1	1	8.005543
HL93_str_opr	BOBJ1	161.8733	After	Interior Girder 6	38.0333	0.95	1	1	8.561263
HL93_str_opr	BOBJ1	161.8733	After	Right Exterior Girder	38.0333	0.95	1	1	13.519849
HL93_str_opr	BOBJ1	167.9067	Before	Left Exterior Girder	44.0667	0.95	1	1	13.35885
HL93_str_opr	BOBJ1	167.9067	Before	Interior Girder 1	44.0667	0.95	1	1	8.420432
HL93_str_opr	BOBJ1	167.9067	Before	Interior Girder 2	44.0667	0.95	1	1	7.874267
HL93_str_opr	BOBJ1	167.9067	Before	Interior Girder 3	44.0667	0.95	1	1	7.019385
HL93_str_opr	BOBJ1	167.9067	Before	Interior Girder 4	44.0667	0.95	1	1	7.019385
HL93_str_opr	BOBJ1	167.9067	Before	Interior Girder 5	44.0667	0.95	1	1	7.874267
HL93_str_opr	BOBJ1	167.9067	Before	Interior Girder 6	44.0667	0.95	1	1	8.420432
HL93_str_opr	BOBJ1	167.9067	Before	Right Exterior Girder	44.0667	0.95	1	1	13.35885
HL93_str_opr	BOBJ1	167.9067	After	Left Exterior Girder	44.0667	0.95	1	1	10.700703
HL93_str_opr	BOBJ1	167.9067	After	Interior Girder 1	44.0667	0.95	1	1	6.535731
HL93_str_opr	BOBJ1	167.9067	After	Interior Girder 2	44.0667	0.95	1	1	6.172185
HL93_str_opr	BOBJ1	167.9067	After	Interior Girder 3	44.0667	0.95	1	1	5.404542

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Approach, Span 12-1									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
HL93_str_opr	BOBJ1	167.9067	After	Interior Girder 4	44.0667	0.95	1	1	5.404542
HL93_str_opr	BOBJ1	167.9067	After	Interior Girder 5	44.0667	0.95	1	1	6.172185
HL93_str_opr	BOBJ1	167.9067	After	Interior Girder 6	44.0667	0.95	1	1	6.535731
HL93_str_opr	BOBJ1	167.9067	After	Right Exterior Girder	44.0667	0.95	1	1	10.700703
HL93_str_opr	BOBJ1	173.94	Before	Left Exterior Girder	50.1	0.95	1	1	10.568577
HL93_str_opr	BOBJ1	173.94	Before	Interior Girder 1	50.1	0.95	1	1	6.425869
HL93_str_opr	BOBJ1	173.94	Before	Interior Girder 2	50.1	0.95	1	1	6.068692
HL93_str_opr	BOBJ1	173.94	Before	Interior Girder 3	50.1	0.95	1	1	5.313711
HL93_str_opr	BOBJ1	173.94	Before	Interior Girder 4	50.1	0.95	1	1	5.313711
HL93_str_opr	BOBJ1	173.94	Before	Interior Girder 5	50.1	0.95	1	1	6.068692
HL93_str_opr	BOBJ1	173.94	Before	Interior Girder 6	50.1	0.95	1	1	6.425869
HL93_str_opr	BOBJ1	173.94	Before	Right Exterior Girder	50.1	0.95	1	1	10.568577
HL93_str_opr	BOBJ1	173.94	After	Left Exterior Girder	50.1	0.95	1	1	7.454788
HL93_str_opr	BOBJ1	173.94	After	Interior Girder 1	50.1	0.95	1	1	6.135354
HL93_str_opr	BOBJ1	173.94	After	Interior Girder 2	50.1	0.95	1	1	5.619694
HL93_str_opr	BOBJ1	173.94	After	Interior Girder 3	50.1	0.95	1	1	5.170981
HL93_str_opr	BOBJ1	173.94	After	Interior Girder 4	50.1	0.95	1	1	5.170981
HL93_str_opr	BOBJ1	173.94	After	Interior Girder 5	50.1	0.95	1	1	5.619694
HL93_str_opr	BOBJ1	173.94	After	Interior Girder 6	50.1	0.95	1	1	6.135354
HL93_str_opr	BOBJ1	173.94	After	Right Exterior Girder	50.1	0.95	1	1	7.454788
HL93_str_opr	BOBJ1	179.98	Before	Left Exterior Girder	56.14	0.95	1	1	7.359081
HL93_str_opr	BOBJ1	179.98	Before	Interior Girder 1	56.14	0.95	1	1	6.029552
HL93_str_opr	BOBJ1	179.98	Before	Interior Girder 2	56.14	0.95	1	1	5.523511
HL93_str_opr	BOBJ1	179.98	Before	Interior Girder 3	56.14	0.95	1	1	5.081466
HL93_str_opr	BOBJ1	179.98	Before	Interior Girder 4	56.14	0.95	1	1	5.081466
HL93_str_opr	BOBJ1	179.98	Before	Interior Girder 5	56.14	0.95	1	1	5.523511
HL93_str_opr	BOBJ1	179.98	Before	Interior Girder 6	56.14	0.95	1	1	6.029552
HL93_str_opr	BOBJ1	179.98	Before	Right Exterior Girder	56.14	0.95	1	1	7.359081
HL93_str_opr	BOBJ1	179.98	After	Left Exterior Girder	56.14	0.95	1	1	6.553403
HL93_str_opr	BOBJ1	179.98	After	Interior Girder 1	56.14	0.95	1	1	4.83872
HL93_str_opr	BOBJ1	179.98	After	Interior Girder 2	56.14	0.95	1	1	4.496727
HL93_str_opr	BOBJ1	179.98	After	Interior Girder 3	56.14	0.95	1	1	3.950505
HL93_str_opr	BOBJ1	179.98	After	Interior Girder 4	56.14	0.95	1	1	3.950505
HL93_str_opr	BOBJ1	179.98	After	Interior Girder 5	56.14	0.95	1	1	4.496727
HL93_str_opr	BOBJ1	179.98	After	Interior Girder 6	56.14	0.95	1	1	4.83872
HL93_str_opr	BOBJ1	179.98	After	Right Exterior Girder	56.14	0.95	1	1	6.553403
HL93_str_opr	BOBJ1	183.56	Before	Left Exterior Girder	59.72	0.95	1	1	6.501634
HL93_str_opr	BOBJ1	183.56	Before	Right Exterior Girder	59.72	0.95	1	1	6.501634
HL93_str_opr	BOBJ1	183.56	After	Left Exterior Girder	59.72	0.95	1	1	5.973756
HL93_str_opr	BOBJ1	183.56	After	Right Exterior Girder	59.72	0.95	1	1	5.973756
HL93_str_opr	BOBJ1	186.02	Before	Left Exterior Girder	62.18	0.95	1	1	5.93478
HL93_str_opr	BOBJ1	186.02	Before	Interior Girder 1	62.22	0.95	1	1	4.908381
HL93_str_opr	BOBJ1	186.02	Before	Interior Girder 2	62.22	0.95	1	1	4.418024
HL93_str_opr	BOBJ1	186.02	Before	Interior Girder 3	62.22	0.95	1	1	3.880332
HL93_str_opr	BOBJ1	186.02	Before	Interior Girder 4	62.22	0.95	1	1	3.880332
HL93_str_opr	BOBJ1	186.02	Before	Interior Girder 5	62.22	0.95	1	1	4.418024
HL93_str_opr	BOBJ1	186.02	Before	Interior Girder 6	62.22	0.95	1	1	4.908381
HL93_str_opr	BOBJ1	186.02	Before	Right Exterior Girder	62.18	0.95	1	1	5.93478
HL93_str_opr	BOBJ1	186.02	After	Left Exterior Girder	62.18	0.95	1	1	5.853812
HL93_str_opr	BOBJ1	186.02	After	Interior Girder 1	62.22	0.95	1	1	3.903093
HL93_str_opr	BOBJ1	186.02	After	Interior Girder 2	62.22	0.95	1	1	3.702172
HL93_str_opr	BOBJ1	186.02	After	Interior Girder 3	62.22	0.95	1	1	3.04438
HL93_str_opr	BOBJ1	186.02	After	Interior Girder 4	62.22	0.95	1	1	3.04438
HL93_str_opr	BOBJ1	186.02	After	Interior Girder 5	62.22	0.95	1	1	3.702172
HL93_str_opr	BOBJ1	186.02	After	Interior Girder 6	62.22	0.95	1	1	3.903093
HL93_str_opr	BOBJ1	186.02	After	Right Exterior Girder	62.18	0.95	1	1	5.853812
HL93_str_opr	BOBJ1	192.06	Before	Left Exterior Girder	68.22	0.95	1	1	5.757787
HL93_str_opr	BOBJ1	192.06	Before	Interior Girder 1	68.22	0.95	1	1	3.828684
HL93_str_opr	BOBJ1	192.06	Before	Interior Girder 2	68.22	0.95	1	1	3.632051
HL93_str_opr	BOBJ1	192.06	Before	Interior Girder 3	68.22	0.95	1	1	2.985511
HL93_str_opr	BOBJ1	192.06	Before	Interior Girder 4	68.22	0.95	1	1	2.985511
HL93_str_opr	BOBJ1	192.06	Before	Interior Girder 5	68.22	0.95	1	1	3.632051
HL93_str_opr	BOBJ1	192.06	Before	Interior Girder 6	68.22	0.95	1	1	3.828684
HL93_str_opr	BOBJ1	192.06	Before	Right Exterior Girder	68.22	0.95	1	1	5.757787
HL93_str_opr	BOBJ1	192.06	After	Left Exterior Girder	0	0.95	1	1	5.911631

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Approach, Span 12-1									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
HL93_str_opr	BOBJ1	192.06	After	Interior Girder 1	0	0.95	1	1	3.909409
HL93_str_opr	BOBJ1	192.06	After	Interior Girder 2	0	0.95	1	1	3.709579
HL93_str_opr	BOBJ1	192.06	After	Interior Girder 3	0	0.95	1	1	2.913134
HL93_str_opr	BOBJ1	192.06	After	Interior Girder 4	0	0.95	1	1	2.913134
HL93_str_opr	BOBJ1	192.06	After	Interior Girder 5	0	0.95	1	1	3.709579
HL93_str_opr	BOBJ1	192.06	After	Interior Girder 6	0	0.95	1	1	3.909409
HL93_str_opr	BOBJ1	192.06	After	Right Exterior Girder	0	0.95	1	1	5.911631
HL93_str_opr	BOBJ1	197.087	Before	Interior Girder 1	5.027	0.95	1	1	3.97311
HL93_str_opr	BOBJ1	197.087	Before	Interior Girder 2	5.027	0.95	1	1	3.769351
HL93_str_opr	BOBJ1	197.087	Before	Interior Girder 3	5.027	0.95	1	1	2.961738
HL93_str_opr	BOBJ1	197.087	Before	Interior Girder 4	5.027	0.95	1	1	2.961738
HL93_str_opr	BOBJ1	197.087	Before	Interior Girder 5	5.027	0.95	1	1	3.769351
HL93_str_opr	BOBJ1	197.087	Before	Interior Girder 6	5.027	0.95	1	1	3.97311
HL93_str_opr	BOBJ1	197.087	After	Interior Girder 1	5.027	0.95	1	1	3.898623
HL93_str_opr	BOBJ1	197.087	After	Interior Girder 2	5.027	0.95	1	1	4.29229
HL93_str_opr	BOBJ1	197.087	After	Interior Girder 3	5.027	0.95	1	1	3.495733
HL93_str_opr	BOBJ1	197.087	After	Interior Girder 4	5.027	0.95	1	1	3.495733
HL93_str_opr	BOBJ1	197.087	After	Interior Girder 5	5.027	0.95	1	1	4.29229
HL93_str_opr	BOBJ1	197.087	After	Interior Girder 6	5.027	0.95	1	1	3.898623
HL93_str_opr	BOBJ1	197.91	Before	Left Exterior Girder	5.85	0.95	1	1	5.641261
HL93_str_opr	BOBJ1	197.91	Before	Interior Girder 1	5.85	0.95	1	1	3.908477
HL93_str_opr	BOBJ1	197.91	Before	Interior Girder 2	5.85	0.95	1	1	4.302796
HL93_str_opr	BOBJ1	197.91	Before	Interior Girder 3	5.85	0.95	1	1	3.504564
HL93_str_opr	BOBJ1	197.91	Before	Interior Girder 4	5.85	0.95	1	1	3.504564
HL93_str_opr	BOBJ1	197.91	Before	Interior Girder 5	5.85	0.95	1	1	4.302796
HL93_str_opr	BOBJ1	197.91	Before	Interior Girder 6	5.85	0.95	1	1	3.908477
HL93_str_opr	BOBJ1	197.91	Before	Right Exterior Girder	5.85	0.95	1	1	5.641261
HL93_str_opr	BOBJ1	197.91	After	Left Exterior Girder	5.85	0.95	1	1	5.793212
HL93_str_opr	BOBJ1	197.91	After	Interior Girder 1	5.85	0.95	1	1	3.933557
HL93_str_opr	BOBJ1	197.91	After	Interior Girder 2	5.85	0.95	1	1	4.244702
HL93_str_opr	BOBJ1	197.91	After	Interior Girder 3	5.85	0.95	1	1	3.625922
HL93_str_opr	BOBJ1	197.91	After	Interior Girder 4	5.85	0.95	1	1	3.625922
HL93_str_opr	BOBJ1	197.91	After	Interior Girder 5	5.85	0.95	1	1	4.244702
HL93_str_opr	BOBJ1	197.91	After	Interior Girder 6	5.85	0.95	1	1	3.933557
HL93_str_opr	BOBJ1	197.91	After	Right Exterior Girder	5.85	0.95	1	1	5.793212
HL93_str_opr	BOBJ1	199.1816	Before	Left Exterior Girder	7.1216	0.95	1	1	5.813394
HL93_str_opr	BOBJ1	199.1816	Before	Right Exterior Girder	7.1216	0.95	1	1	5.813394
HL93_str_opr	BOBJ1	199.1816	After	Left Exterior Girder	7.1216	0.95	1	1	6.898086
HL93_str_opr	BOBJ1	199.1816	After	Right Exterior Girder	7.1216	0.95	1	1	6.898086
HL93_str_opr	BOBJ1	203.5267	Before	Left Exterior Girder	11.3107	0.95	1	1	6.969118
HL93_str_opr	BOBJ1	203.5267	Before	Interior Girder 1	11.3107	0.95	1	1	4.576864
HL93_str_opr	BOBJ1	203.5267	Before	Interior Girder 2	11.3107	0.95	1	1	4.315816
HL93_str_opr	BOBJ1	203.5267	Before	Interior Girder 3	11.3107	0.95	1	1	3.687388
HL93_str_opr	BOBJ1	203.5267	Before	Interior Girder 4	11.3107	0.95	1	1	3.687388
HL93_str_opr	BOBJ1	203.5267	Before	Interior Girder 5	11.3107	0.95	1	1	4.315816
HL93_str_opr	BOBJ1	203.5267	Before	Interior Girder 6	11.3107	0.95	1	1	4.576864
HL93_str_opr	BOBJ1	203.5267	Before	Right Exterior Girder	11.3107	0.95	1	1	6.969118
HL93_str_opr	BOBJ1	203.5267	After	Left Exterior Girder	11.3107	0.95	1	1	9.345335
HL93_str_opr	BOBJ1	203.5267	After	Interior Girder 1	11.3107	0.95	1	1	6.536152
HL93_str_opr	BOBJ1	203.5267	After	Interior Girder 2	11.3107	0.95	1	1	6.0455
HL93_str_opr	BOBJ1	203.5267	After	Interior Girder 3	11.3107	0.95	1	1	5.400712
HL93_str_opr	BOBJ1	203.5267	After	Interior Girder 4	11.3107	0.95	1	1	5.400712
HL93_str_opr	BOBJ1	203.5267	After	Interior Girder 5	11.3107	0.95	1	1	6.0455
HL93_str_opr	BOBJ1	203.5267	After	Interior Girder 6	11.3107	0.95	1	1	6.536152
HL93_str_opr	BOBJ1	203.5267	After	Right Exterior Girder	11.3107	0.95	1	1	9.345335
HL93_str_opr	BOBJ1	209.1433	Before	Left Exterior Girder	17.0833	0.95	1	1	9.454442
HL93_str_opr	BOBJ1	209.1433	Before	Interior Girder 1	17.0833	0.95	1	1	6.636346
HL93_str_opr	BOBJ1	209.1433	Before	Interior Girder 2	17.0833	0.95	1	1	6.137636
HL93_str_opr	BOBJ1	209.1433	Before	Interior Girder 3	17.0833	0.95	1	1	5.483614
HL93_str_opr	BOBJ1	209.1433	Before	Interior Girder 4	17.0833	0.95	1	1	5.483614
HL93_str_opr	BOBJ1	209.1433	Before	Interior Girder 5	17.0833	0.95	1	1	6.137636
HL93_str_opr	BOBJ1	209.1433	Before	Interior Girder 6	17.0833	0.95	1	1	6.636346
HL93_str_opr	BOBJ1	209.1433	Before	Right Exterior Girder	17.0833	0.95	1	1	9.454442
HL93_str_opr	BOBJ1	209.1433	After	Left Exterior Girder	17.0833	0.95	1	1	11.334127
HL93_str_opr	BOBJ1	209.1433	After	Interior Girder 1	17.0833	0.95	1	1	8.326215

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Approach, Span 12-1									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
HL93_str_opr	BOBJ1	209.1433	After	Interior Girder 2	17.0833	0.95	1	1	7.603488
HL93_str_opr	BOBJ1	209.1433	After	Interior Girder 3	17.0833	0.95	1	1	6.977476
HL93_str_opr	BOBJ1	209.1433	After	Interior Girder 4	17.0833	0.95	1	1	6.977476
HL93_str_opr	BOBJ1	209.1433	After	Interior Girder 5	17.0833	0.95	1	1	7.603488
HL93_str_opr	BOBJ1	209.1433	After	Interior Girder 6	17.0833	0.95	1	1	8.326215
HL93_str_opr	BOBJ1	209.1433	After	Right Exterior Girder	17.0833	0.95	1	1	11.334127
HL93_str_opr	BOBJ1	214.76	Before	Left Exterior Girder	22.7	0.95	1	1	11.462286
HL93_str_opr	BOBJ1	214.76	Before	Interior Girder 1	22.7	0.95	1	1	8.451403
HL93_str_opr	BOBJ1	214.76	Before	Interior Girder 2	22.7	0.95	1	1	7.717111
HL93_str_opr	BOBJ1	214.76	Before	Interior Girder 3	22.7	0.95	1	1	7.082324
HL93_str_opr	BOBJ1	214.76	Before	Interior Girder 4	22.7	0.95	1	1	7.082324
HL93_str_opr	BOBJ1	214.76	Before	Interior Girder 5	22.7	0.95	1	1	7.717111
HL93_str_opr	BOBJ1	214.76	Before	Interior Girder 6	22.7	0.95	1	1	8.451403
HL93_str_opr	BOBJ1	214.76	Before	Right Exterior Girder	22.7	0.95	1	1	11.462286
HL93_str_opr	BOBJ1	214.76	After	Left Exterior Girder	22.7	0.95	1	1	17.452645
HL93_str_opr	BOBJ1	214.76	After	Interior Girder 1	22.7	0.95	1	1	8.978609
HL93_str_opr	BOBJ1	214.76	After	Interior Girder 2	22.7	0.95	1	1	8.210787
HL93_str_opr	BOBJ1	214.76	After	Interior Girder 3	22.7	0.95	1	1	7.034259
HL93_str_opr	BOBJ1	214.76	After	Interior Girder 4	22.7	0.95	1	1	7.034259
HL93_str_opr	BOBJ1	214.76	After	Interior Girder 5	22.7	0.95	1	1	8.210787
HL93_str_opr	BOBJ1	214.76	After	Interior Girder 6	22.7	0.95	1	1	8.978609
HL93_str_opr	BOBJ1	214.76	After	Right Exterior Girder	22.7	0.95	1	1	17.452645
HL93_str_opr	BOBJ1	220.3767	Before	Left Exterior Girder	28.3167	0.95	1	1	17.644378
HL93_str_opr	BOBJ1	220.3767	Before	Interior Girder 1	28.3167	0.95	1	1	9.110489
HL93_str_opr	BOBJ1	220.3767	Before	Interior Girder 2	28.3167	0.95	1	1	8.331282
HL93_str_opr	BOBJ1	220.3767	Before	Interior Girder 3	28.3167	0.95	1	1	7.13757
HL93_str_opr	BOBJ1	220.3767	Before	Interior Girder 4	28.3167	0.95	1	1	7.13757
HL93_str_opr	BOBJ1	220.3767	Before	Interior Girder 5	28.3167	0.95	1	1	8.331282
HL93_str_opr	BOBJ1	220.3767	Before	Interior Girder 6	28.3167	0.95	1	1	9.110489
HL93_str_opr	BOBJ1	220.3767	Before	Right Exterior Girder	28.3167	0.95	1	1	17.644378
HL93_str_opr	BOBJ1	220.3767	After	Left Exterior Girder	28.3167	0.95	1	1	23.93193
HL93_str_opr	BOBJ1	220.3767	After	Interior Girder 1	28.3167	0.95	1	1	12.183335
HL93_str_opr	BOBJ1	220.3767	After	Interior Girder 2	28.3167	0.95	1	1	11.035603
HL93_str_opr	BOBJ1	220.3767	After	Interior Girder 3	28.3167	0.95	1	1	9.386152
HL93_str_opr	BOBJ1	220.3767	After	Interior Girder 4	28.3167	0.95	1	1	9.386152
HL93_str_opr	BOBJ1	220.3767	After	Interior Girder 5	28.3167	0.95	1	1	11.035603
HL93_str_opr	BOBJ1	220.3767	After	Interior Girder 6	28.3167	0.95	1	1	12.183335
HL93_str_opr	BOBJ1	220.3767	After	Right Exterior Girder	28.3167	0.95	1	1	23.93193
HL93_str_opr	BOBJ1	225.9933	Before	Left Exterior Girder	33.9333	0.95	1	1	24.18711
HL93_str_opr	BOBJ1	225.9933	Before	Interior Girder 1	33.9333	0.95	1	1	12.35893
HL93_str_opr	BOBJ1	225.9933	Before	Interior Girder 2	33.9333	0.95	1	1	11.194465
HL93_str_opr	BOBJ1	225.9933	Before	Interior Girder 3	33.9333	0.95	1	1	9.521276
HL93_str_opr	BOBJ1	225.9933	Before	Interior Girder 4	33.9333	0.95	1	1	9.521276
HL93_str_opr	BOBJ1	225.9933	Before	Interior Girder 5	33.9333	0.95	1	1	11.194465
HL93_str_opr	BOBJ1	225.9933	Before	Interior Girder 6	33.9333	0.95	1	1	12.35893
HL93_str_opr	BOBJ1	225.9933	Before	Right Exterior Girder	33.9333	0.95	1	1	24.18711
HL93_str_opr	BOBJ1	225.9933	After	Left Exterior Girder	33.9333	0.95	1	1	22.15317
HL93_str_opr	BOBJ1	225.9933	After	Interior Girder 1	33.9333	0.95	1	1	10.753214
HL93_str_opr	BOBJ1	225.9933	After	Interior Girder 2	33.9333	0.95	1	1	9.758812
HL93_str_opr	BOBJ1	225.9933	After	Interior Girder 3	33.9333	0.95	1	1	8.399159
HL93_str_opr	BOBJ1	225.9933	After	Interior Girder 4	33.9333	0.95	1	1	8.399159
HL93_str_opr	BOBJ1	225.9933	After	Interior Girder 5	33.9333	0.95	1	1	9.758812
HL93_str_opr	BOBJ1	225.9933	After	Interior Girder 6	33.9333	0.95	1	1	10.753214
HL93_str_opr	BOBJ1	225.9933	After	Right Exterior Girder	33.9333	0.95	1	1	22.15317
HL93_str_opr	BOBJ1	231.61	Before	Left Exterior Girder	39.55	0.95	1	1	21.922253
HL93_str_opr	BOBJ1	231.61	Before	Interior Girder 1	39.55	0.95	1	1	10.601811
HL93_str_opr	BOBJ1	231.61	Before	Interior Girder 2	39.55	0.95	1	1	9.621226
HL93_str_opr	BOBJ1	231.61	Before	Interior Girder 3	39.55	0.95	1	1	8.280685
HL93_str_opr	BOBJ1	231.61	Before	Interior Girder 4	39.55	0.95	1	1	8.280685
HL93_str_opr	BOBJ1	231.61	Before	Interior Girder 5	39.55	0.95	1	1	9.621226
HL93_str_opr	BOBJ1	231.61	Before	Interior Girder 6	39.55	0.95	1	1	10.601811
HL93_str_opr	BOBJ1	231.61	Before	Right Exterior Girder	39.55	0.95	1	1	21.922253
HL93_str_opr	BOBJ1	231.61	After	Left Exterior Girder	39.55	0.95	1	1	13.635826
HL93_str_opr	BOBJ1	231.61	After	Interior Girder 1	39.55	0.95	1	1	10.037924
HL93_str_opr	BOBJ1	231.61	After	Interior Girder 2	39.55	0.95	1	1	9.111861

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Approach, Span 12-1									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
HL93_str_opr	BOBJ1	231.61	After	Interior Girder 3	39.55	0.95	1	1	8.641395
HL93_str_opr	BOBJ1	231.61	After	Interior Girder 4	39.55	0.95	1	1	8.641395
HL93_str_opr	BOBJ1	231.61	After	Interior Girder 5	39.55	0.95	1	1	9.111861
HL93_str_opr	BOBJ1	231.61	After	Interior Girder 6	39.55	0.95	1	1	10.037924
HL93_str_opr	BOBJ1	231.61	After	Right Exterior Girder	39.55	0.95	1	1	13.635826
HL93_str_opr	BOBJ1	237.37	Before	Left Exterior Girder	45.31	0.95	1	1	13.486187
HL93_str_opr	BOBJ1	237.37	Before	Interior Girder 1	45.31	0.95	1	1	9.889429
HL93_str_opr	BOBJ1	237.37	Before	Interior Girder 2	45.31	0.95	1	1	8.977707
HL93_str_opr	BOBJ1	237.37	Before	Interior Girder 3	45.31	0.95	1	1	8.513756
HL93_str_opr	BOBJ1	237.37	Before	Interior Girder 4	45.31	0.95	1	1	8.513756
HL93_str_opr	BOBJ1	237.37	Before	Interior Girder 5	45.31	0.95	1	1	8.977707
HL93_str_opr	BOBJ1	237.37	Before	Interior Girder 6	45.31	0.95	1	1	9.889429
HL93_str_opr	BOBJ1	237.37	Before	Right Exterior Girder	45.31	0.95	1	1	13.486187
HL93_str_opr	BOBJ1	237.37	After	Left Exterior Girder	45.31	0.95	1	1	11.022195
HL93_str_opr	BOBJ1	237.37	After	Interior Girder 1	45.31	0.95	1	1	7.546905
HL93_str_opr	BOBJ1	237.37	After	Interior Girder 2	45.31	0.95	1	1	6.933308
HL93_str_opr	BOBJ1	237.37	After	Interior Girder 3	45.31	0.95	1	1	6.398648
HL93_str_opr	BOBJ1	237.37	After	Interior Girder 4	45.31	0.95	1	1	6.398648
HL93_str_opr	BOBJ1	237.37	After	Interior Girder 5	45.31	0.95	1	1	6.933308
HL93_str_opr	BOBJ1	237.37	After	Interior Girder 6	45.31	0.95	1	1	7.546905
HL93_str_opr	BOBJ1	237.37	After	Right Exterior Girder	45.31	0.95	1	1	11.022195
HL93_str_opr	BOBJ1	243.13	Before	Left Exterior Girder	51.07	0.95	1	1	10.897519
HL93_str_opr	BOBJ1	243.13	Before	Interior Girder 1	51.07	0.95	1	1	7.43302
HL93_str_opr	BOBJ1	243.13	Before	Interior Girder 2	51.07	0.95	1	1	6.829198
HL93_str_opr	BOBJ1	243.13	Before	Interior Girder 3	51.07	0.95	1	1	6.302176
HL93_str_opr	BOBJ1	243.13	Before	Interior Girder 4	51.07	0.95	1	1	6.302176
HL93_str_opr	BOBJ1	243.13	Before	Interior Girder 5	51.07	0.95	1	1	6.829198
HL93_str_opr	BOBJ1	243.13	Before	Interior Girder 6	51.07	0.95	1	1	7.43302
HL93_str_opr	BOBJ1	243.13	Before	Right Exterior Girder	51.07	0.95	1	1	10.897519
HL93_str_opr	BOBJ1	243.13	After	Left Exterior Girder	51.07	0.95	1	1	9.373691
HL93_str_opr	BOBJ1	243.13	After	Interior Girder 1	51.07	0.95	1	1	5.694483
HL93_str_opr	BOBJ1	243.13	After	Interior Girder 2	51.07	0.95	1	1	5.371533
HL93_str_opr	BOBJ1	243.13	After	Interior Girder 3	51.07	0.95	1	1	4.664327
HL93_str_opr	BOBJ1	243.13	After	Interior Girder 4	51.07	0.95	1	1	4.664327
HL93_str_opr	BOBJ1	243.13	After	Interior Girder 5	51.07	0.95	1	1	5.371533
HL93_str_opr	BOBJ1	243.13	After	Interior Girder 6	51.07	0.95	1	1	5.694483
HL93_str_opr	BOBJ1	243.13	After	Right Exterior Girder	51.07	0.95	1	1	9.373691
HL93_str_opr	BOBJ1	248.89	Before	Left Exterior Girder	56.83	0.95	1	1	9.264097
HL93_str_opr	BOBJ1	248.89	Before	Interior Girder 1	56.83	0.95	1	1	5.607004
HL93_str_opr	BOBJ1	248.89	Before	Interior Girder 2	56.83	0.95	1	1	5.289206
HL93_str_opr	BOBJ1	248.89	Before	Interior Girder 3	56.83	0.95	1	1	4.592496
HL93_str_opr	BOBJ1	248.89	Before	Interior Girder 4	56.83	0.95	1	1	4.592496
HL93_str_opr	BOBJ1	248.89	Before	Interior Girder 5	56.83	0.95	1	1	5.289206
HL93_str_opr	BOBJ1	248.89	Before	Interior Girder 6	56.83	0.95	1	1	5.607004
HL93_str_opr	BOBJ1	248.89	Before	Right Exterior Girder	56.83	0.95	1	1	9.264097
HL93_str_inv	BOBJ1	0	After	Left Exterior Girder	0	0.95	1	1	7.030048
HL93_str_inv	BOBJ1	0	After	Interior Girder 1	0	0.95	1	1	4.801232
HL93_str_inv	BOBJ1	0	After	Interior Girder 2	0	0.95	1	1	4.462804
HL93_str_inv	BOBJ1	0	After	Interior Girder 3	0	0.95	1	1	3.955505
HL93_str_inv	BOBJ1	0	After	Interior Girder 4	0	0.95	1	1	3.955505
HL93_str_inv	BOBJ1	0	After	Interior Girder 5	0	0.95	1	1	4.462804
HL93_str_inv	BOBJ1	0	After	Interior Girder 6	0	0.95	1	1	4.801232
HL93_str_inv	BOBJ1	0	After	Right Exterior Girder	0	0.95	1	1	7.030048
HL93_str_inv	BOBJ1	5.85	Before	Left Exterior Girder	5.85	0.95	1	1	7.107603
HL93_str_inv	BOBJ1	5.85	Before	Interior Girder 1	5.85	0.95	1	1	4.872481
HL93_str_inv	BOBJ1	5.85	Before	Interior Girder 2	5.85	0.95	1	1	4.52861
HL93_str_inv	BOBJ1	5.85	Before	Interior Girder 3	5.85	0.95	1	1	4.014255
HL93_str_inv	BOBJ1	5.85	Before	Interior Girder 4	5.85	0.95	1	1	4.014255
HL93_str_inv	BOBJ1	5.85	Before	Interior Girder 5	5.85	0.95	1	1	4.52861
HL93_str_inv	BOBJ1	5.85	Before	Interior Girder 6	5.85	0.95	1	1	4.872481
HL93_str_inv	BOBJ1	5.85	Before	Right Exterior Girder	5.85	0.95	1	1	7.107603
HL93_str_inv	BOBJ1	5.85	After	Left Exterior Girder	5.85	0.95	1	1	9.205336
HL93_str_inv	BOBJ1	5.85	After	Interior Girder 1	5.85	0.95	1	1	5.696019
HL93_str_inv	BOBJ1	5.85	After	Interior Girder 2	5.85	0.95	1	1	5.314171
HL93_str_inv	BOBJ1	5.85	After	Interior Girder 3	5.85	0.95	1	1	4.775995

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Approach, Span 12-1									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
HL93_str_inv	BOBJ1	5.85	After	Interior Girder 4	5.85	0.95	1	1	4.775995
HL93_str_inv	BOBJ1	5.85	After	Interior Girder 5	5.85	0.95	1	1	5.314171
HL93_str_inv	BOBJ1	5.85	After	Interior Girder 6	5.85	0.95	1	1	5.696019
HL93_str_inv	BOBJ1	5.85	After	Right Exterior Girder	5.85	0.95	1	1	9.205336
HL93_str_inv	BOBJ1	11.4667	Before	Left Exterior Girder	11.4667	0.95	1	1	9.299859
HL93_str_inv	BOBJ1	11.4667	Before	Interior Girder 1	11.4667	0.95	1	1	5.775459
HL93_str_inv	BOBJ1	11.4667	Before	Interior Girder 2	11.4667	0.95	1	1	5.388118
HL93_str_inv	BOBJ1	11.4667	Before	Interior Girder 3	11.4667	0.95	1	1	4.842556
HL93_str_inv	BOBJ1	11.4667	Before	Interior Girder 4	11.4667	0.95	1	1	4.842556
HL93_str_inv	BOBJ1	11.4667	Before	Interior Girder 5	11.4667	0.95	1	1	5.388118
HL93_str_inv	BOBJ1	11.4667	Before	Interior Girder 6	11.4667	0.95	1	1	5.775459
HL93_str_inv	BOBJ1	11.4667	Before	Right Exterior Girder	11.4667	0.95	1	1	9.299859
HL93_str_inv	BOBJ1	11.4667	After	Left Exterior Girder	11.4667	0.95	1	1	11.481898
HL93_str_inv	BOBJ1	11.4667	After	Interior Girder 1	11.4667	0.95	1	1	7.526155
HL93_str_inv	BOBJ1	11.4667	After	Interior Girder 2	11.4667	0.95	1	1	6.93034
HL93_str_inv	BOBJ1	11.4667	After	Interior Girder 3	11.4667	0.95	1	1	6.384372
HL93_str_inv	BOBJ1	11.4667	After	Interior Girder 4	11.4667	0.95	1	1	6.384372
HL93_str_inv	BOBJ1	11.4667	After	Interior Girder 5	11.4667	0.95	1	1	6.93034
HL93_str_inv	BOBJ1	11.4667	After	Interior Girder 6	11.4667	0.95	1	1	7.526155
HL93_str_inv	BOBJ1	11.4667	After	Right Exterior Girder	11.4667	0.95	1	1	11.481898
HL93_str_inv	BOBJ1	17.0833	Before	Left Exterior Girder	17.0833	0.95	1	1	11.596431
HL93_str_inv	BOBJ1	17.0833	Before	Interior Girder 1	17.0833	0.95	1	1	7.629239
HL93_str_inv	BOBJ1	17.0833	Before	Interior Girder 2	17.0833	0.95	1	1	7.025016
HL93_str_inv	BOBJ1	17.0833	Before	Interior Girder 3	17.0833	0.95	1	1	6.471658
HL93_str_inv	BOBJ1	17.0833	Before	Interior Girder 4	17.0833	0.95	1	1	6.471658
HL93_str_inv	BOBJ1	17.0833	Before	Interior Girder 5	17.0833	0.95	1	1	7.025016
HL93_str_inv	BOBJ1	17.0833	Before	Interior Girder 6	17.0833	0.95	1	1	7.629239
HL93_str_inv	BOBJ1	17.0833	Before	Right Exterior Girder	17.0833	0.95	1	1	11.596431
HL93_str_inv	BOBJ1	17.0833	After	Left Exterior Girder	17.0833	0.95	1	1	14.673117
HL93_str_inv	BOBJ1	17.0833	After	Interior Girder 1	17.0833	0.95	1	1	10.16717
HL93_str_inv	BOBJ1	17.0833	After	Interior Girder 2	17.0833	0.95	1	1	9.320412
HL93_str_inv	BOBJ1	17.0833	After	Interior Girder 3	17.0833	0.95	1	1	8.621785
HL93_str_inv	BOBJ1	17.0833	After	Interior Girder 4	17.0833	0.95	1	1	8.621785
HL93_str_inv	BOBJ1	17.0833	After	Interior Girder 5	17.0833	0.95	1	1	9.320412
HL93_str_inv	BOBJ1	17.0833	After	Interior Girder 6	17.0833	0.95	1	1	10.16717
HL93_str_inv	BOBJ1	17.0833	After	Right Exterior Girder	17.0833	0.95	1	1	14.673117
HL93_str_inv	BOBJ1	22.7	Before	Left Exterior Girder	22.7	0.95	1	1	14.815482
HL93_str_inv	BOBJ1	22.7	Before	Interior Girder 1	22.7	0.95	1	1	10.303913
HL93_str_inv	BOBJ1	22.7	Before	Interior Girder 2	22.7	0.95	1	1	9.445434
HL93_str_inv	BOBJ1	22.7	Before	Interior Girder 3	22.7	0.95	1	1	8.550067
HL93_str_inv	BOBJ1	22.7	Before	Interior Girder 4	22.7	0.95	1	1	8.550067
HL93_str_inv	BOBJ1	22.7	Before	Interior Girder 5	22.7	0.95	1	1	9.445434
HL93_str_inv	BOBJ1	22.7	Before	Interior Girder 6	22.7	0.95	1	1	10.303913
HL93_str_inv	BOBJ1	22.7	Before	Right Exterior Girder	22.7	0.95	1	1	14.815482
HL93_str_inv	BOBJ1	22.7	After	Left Exterior Girder	22.7	0.95	1	1	17.507111
HL93_str_inv	BOBJ1	22.7	After	Interior Girder 1	22.7	0.95	1	1	10.408373
HL93_str_inv	BOBJ1	22.7	After	Interior Girder 2	22.7	0.95	1	1	9.287106
HL93_str_inv	BOBJ1	22.7	After	Interior Girder 3	22.7	0.95	1	1	7.927467
HL93_str_inv	BOBJ1	22.7	After	Interior Girder 4	22.7	0.95	1	1	7.927467
HL93_str_inv	BOBJ1	22.7	After	Interior Girder 5	22.7	0.95	1	1	9.287106
HL93_str_inv	BOBJ1	22.7	After	Interior Girder 6	22.7	0.95	1	1	10.408373
HL93_str_inv	BOBJ1	22.7	After	Right Exterior Girder	22.7	0.95	1	1	17.507111
HL93_str_inv	BOBJ1	28.3167	Before	Left Exterior Girder	28.3167	0.95	1	1	17.336201
HL93_str_inv	BOBJ1	28.3167	Before	Interior Girder 1	28.3167	0.95	1	1	10.461551
HL93_str_inv	BOBJ1	28.3167	Before	Interior Girder 2	28.3167	0.95	1	1	9.409468
HL93_str_inv	BOBJ1	28.3167	Before	Interior Girder 3	28.3167	0.95	1	1	8.031848
HL93_str_inv	BOBJ1	28.3167	Before	Interior Girder 4	28.3167	0.95	1	1	8.031848
HL93_str_inv	BOBJ1	28.3167	Before	Interior Girder 5	28.3167	0.95	1	1	9.409468
HL93_str_inv	BOBJ1	28.3167	Before	Interior Girder 6	28.3167	0.95	1	1	10.461551
HL93_str_inv	BOBJ1	28.3167	Before	Right Exterior Girder	28.3167	0.95	1	1	17.336201
HL93_str_inv	BOBJ1	28.3167	After	Left Exterior Girder	28.3167	0.95	1	1	12.916384
HL93_str_inv	BOBJ1	28.3167	After	Interior Girder 1	28.3167	0.95	1	1	7.742509
HL93_str_inv	BOBJ1	28.3167	After	Interior Girder 2	28.3167	0.95	1	1	7.192301
HL93_str_inv	BOBJ1	28.3167	After	Interior Girder 3	28.3167	0.95	1	1	6.235651
HL93_str_inv	BOBJ1	28.3167	After	Interior Girder 4	28.3167	0.95	1	1	6.235651

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Approach, Span 12-1									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
HL93_str_inv	BOBJ1	28.3167	After	Interior Girder 5	28.3167	0.95	1	1	7.192301
HL93_str_inv	BOBJ1	28.3167	After	Interior Girder 6	28.3167	0.95	1	1	7.742509
HL93_str_inv	BOBJ1	28.3167	After	Right Exterior Girder	28.3167	0.95	1	1	12.916384
HL93_str_inv	BOBJ1	33.9333	Before	Left Exterior Girder	33.9333	0.95	1	1	12.786707
HL93_str_inv	BOBJ1	33.9333	Before	Interior Girder 1	33.9333	0.95	1	1	7.637026
HL93_str_inv	BOBJ1	33.9333	Before	Interior Girder 2	33.9333	0.95	1	1	7.094668
HL93_str_inv	BOBJ1	33.9333	Before	Interior Girder 3	33.9333	0.95	1	1	6.150911
HL93_str_inv	BOBJ1	33.9333	Before	Interior Girder 4	33.9333	0.95	1	1	6.150911
HL93_str_inv	BOBJ1	33.9333	Before	Interior Girder 5	33.9333	0.95	1	1	7.094668
HL93_str_inv	BOBJ1	33.9333	Before	Interior Girder 6	33.9333	0.95	1	1	7.637026
HL93_str_inv	BOBJ1	33.9333	Before	Right Exterior Girder	33.9333	0.95	1	1	12.786707
HL93_str_inv	BOBJ1	33.9333	After	Left Exterior Girder	33.9333	0.95	1	1	9.998158
HL93_str_inv	BOBJ1	33.9333	After	Interior Girder 1	33.9333	0.95	1	1	5.90132
HL93_str_inv	BOBJ1	33.9333	After	Interior Girder 2	33.9333	0.95	1	1	5.502826
HL93_str_inv	BOBJ1	33.9333	After	Interior Girder 3	33.9333	0.95	1	1	4.768836
HL93_str_inv	BOBJ1	33.9333	After	Interior Girder 4	33.9333	0.95	1	1	4.768836
HL93_str_inv	BOBJ1	33.9333	After	Interior Girder 5	33.9333	0.95	1	1	5.502826
HL93_str_inv	BOBJ1	33.9333	After	Interior Girder 6	33.9333	0.95	1	1	5.90132
HL93_str_inv	BOBJ1	33.9333	After	Right Exterior Girder	33.9333	0.95	1	1	9.998158
HL93_str_inv	BOBJ1	39.55	Before	Left Exterior Girder	39.55	0.95	1	1	9.894792
HL93_str_inv	BOBJ1	39.55	Before	Interior Girder 1	39.55	0.95	1	1	5.819481
HL93_str_inv	BOBJ1	39.55	Before	Interior Girder 2	39.55	0.95	1	1	5.426756
HL93_str_inv	BOBJ1	39.55	Before	Interior Girder 3	39.55	0.95	1	1	4.702769
HL93_str_inv	BOBJ1	39.55	Before	Interior Girder 4	39.55	0.95	1	1	4.702769
HL93_str_inv	BOBJ1	39.55	Before	Interior Girder 5	39.55	0.95	1	1	5.426756
HL93_str_inv	BOBJ1	39.55	Before	Interior Girder 6	39.55	0.95	1	1	5.819481
HL93_str_inv	BOBJ1	39.55	Before	Right Exterior Girder	39.55	0.95	1	1	9.894792
HL93_str_inv	BOBJ1	39.55	After	Left Exterior Girder	39.55	0.95	1	1	7.174292
HL93_str_inv	BOBJ1	39.55	After	Interior Girder 1	39.55	0.95	1	1	5.47697
HL93_str_inv	BOBJ1	39.55	After	Interior Girder 2	39.55	0.95	1	1	5.018074
HL93_str_inv	BOBJ1	39.55	After	Interior Girder 3	39.55	0.95	1	1	4.553042
HL93_str_inv	BOBJ1	39.55	After	Interior Girder 4	39.55	0.95	1	1	4.553042
HL93_str_inv	BOBJ1	39.55	After	Interior Girder 5	39.55	0.95	1	1	5.018074
HL93_str_inv	BOBJ1	39.55	After	Interior Girder 6	39.55	0.95	1	1	5.47697
HL93_str_inv	BOBJ1	39.55	After	Right Exterior Girder	39.55	0.95	1	1	7.174292
HL93_str_inv	BOBJ1	45.1733	Before	Left Exterior Girder	45.1226	0.95	1	1	7.097755
HL93_str_inv	BOBJ1	45.1733	Before	Interior Girder 1	45.1226	0.95	1	1	5.399385
HL93_str_inv	BOBJ1	45.1733	Before	Interior Girder 2	45.1226	0.95	1	1	4.947519
HL93_str_inv	BOBJ1	45.1733	Before	Interior Girder 3	45.1226	0.95	1	1	4.488386
HL93_str_inv	BOBJ1	45.1733	Before	Interior Girder 4	45.1226	0.95	1	1	4.488386
HL93_str_inv	BOBJ1	45.1733	Before	Interior Girder 5	45.1226	0.95	1	1	4.947519
HL93_str_inv	BOBJ1	45.1733	Before	Interior Girder 6	45.1226	0.95	1	1	5.399385
HL93_str_inv	BOBJ1	45.1733	Before	Right Exterior Girder	45.1226	0.95	1	1	7.097755
HL93_str_inv	BOBJ1	45.1733	After	Left Exterior Girder	45.1226	0.95	1	1	5.182561
HL93_str_inv	BOBJ1	45.1733	After	Interior Girder 1	45.1226	0.95	1	1	3.661048
HL93_str_inv	BOBJ1	45.1733	After	Interior Girder 2	45.1226	0.95	1	1	3.414625
HL93_str_inv	BOBJ1	45.1733	After	Interior Girder 3	45.1226	0.95	1	1	2.948634
HL93_str_inv	BOBJ1	45.1733	After	Interior Girder 4	45.1226	0.95	1	1	2.948634
HL93_str_inv	BOBJ1	45.1733	After	Interior Girder 5	45.1226	0.95	1	1	3.414625
HL93_str_inv	BOBJ1	45.1733	After	Interior Girder 6	45.1226	0.95	1	1	3.661048
HL93_str_inv	BOBJ1	45.1733	After	Right Exterior Girder	45.1226	0.95	1	1	5.182561
HL93_str_inv	BOBJ1	49.2561	Before	Left Exterior Girder	49.2561	0.95	1	1	5.134626
HL93_str_inv	BOBJ1	49.2561	Before	Right Exterior Girder	49.2561	0.95	1	1	5.134626
HL93_str_inv	BOBJ1	49.2561	After	Left Exterior Girder	49.2561	0.95	1	1	4.456367
HL93_str_inv	BOBJ1	49.2561	After	Right Exterior Girder	49.2561	0.95	1	1	4.456367
HL93_str_inv	BOBJ1	50.7967	Before	Left Exterior Girder	50.7967	0.95	1	1	4.438816
HL93_str_inv	BOBJ1	50.7967	Before	Interior Girder 1	50.7967	0.95	1	1	3.004387
HL93_str_inv	BOBJ1	50.7967	Before	Interior Girder 2	50.7967	0.95	1	1	3.358488
HL93_str_inv	BOBJ1	50.7967	Before	Interior Girder 3	50.7967	0.95	1	1	2.899415
HL93_str_inv	BOBJ1	50.7967	Before	Interior Girder 4	50.7967	0.95	1	1	2.899415
HL93_str_inv	BOBJ1	50.7967	Before	Interior Girder 5	50.7967	0.95	1	1	3.358488
HL93_str_inv	BOBJ1	50.7967	Before	Interior Girder 6	50.7967	0.95	1	1	3.004387
HL93_str_inv	BOBJ1	50.7967	Before	Right Exterior Girder	50.7967	0.95	1	1	4.438816
HL93_str_inv	BOBJ1	50.7967	After	Left Exterior Girder	50.7967	0.95	1	1	4.607907
HL93_str_inv	BOBJ1	50.7967	After	Interior Girder 1	50.7967	0.95	1	1	2.55685

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Approach, Span 12-1									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
HL93_str_inv	BOBJ1	50.7967	After	Interior Girder 2	50.7967	0.95	1	1	2.681309
HL93_str_inv	BOBJ1	50.7967	After	Interior Girder 3	50.7967	0.95	1	1	2.163061
HL93_str_inv	BOBJ1	50.7967	After	Interior Girder 4	50.7967	0.95	1	1	2.163061
HL93_str_inv	BOBJ1	50.7967	After	Interior Girder 5	50.7967	0.95	1	1	2.681309
HL93_str_inv	BOBJ1	50.7967	After	Interior Girder 6	50.7967	0.95	1	1	2.55685
HL93_str_inv	BOBJ1	50.7967	After	Right Exterior Girder	50.7967	0.95	1	1	4.607907
HL93_str_inv	BOBJ1	51.3989	Before	Interior Girder 1	51.3989	0.95	1	1	2.552111
HL93_str_inv	BOBJ1	51.3989	Before	Interior Girder 2	51.3989	0.95	1	1	2.676499
HL93_str_inv	BOBJ1	51.3989	Before	Interior Girder 3	51.3989	0.95	1	1	2.159104
HL93_str_inv	BOBJ1	51.3989	Before	Interior Girder 4	51.3989	0.95	1	1	2.159104
HL93_str_inv	BOBJ1	51.3989	Before	Interior Girder 5	51.3989	0.95	1	1	2.676499
HL93_str_inv	BOBJ1	51.3989	Before	Interior Girder 6	51.3989	0.95	1	1	2.552111
HL93_str_inv	BOBJ1	51.3989	After	Interior Girder 1	51.3989	0.95	1	1	2.9592
HL93_str_inv	BOBJ1	51.3989	After	Interior Girder 2	51.3989	0.95	1	1	2.816158
HL93_str_inv	BOBJ1	51.3989	After	Interior Girder 3	51.3989	0.95	1	1	2.298444
HL93_str_inv	BOBJ1	51.3989	After	Interior Girder 4	51.3989	0.95	1	1	2.298444
HL93_str_inv	BOBJ1	51.3989	After	Interior Girder 5	51.3989	0.95	1	1	2.816158
HL93_str_inv	BOBJ1	51.3989	After	Interior Girder 6	51.3989	0.95	1	1	2.9592
HL93_str_inv	BOBJ1	56.42	Before	Left Exterior Girder	56.42	0.95	1	1	4.578708
HL93_str_inv	BOBJ1	56.42	Before	Interior Girder 1	56.42	0.95	1	1	2.91222
HL93_str_inv	BOBJ1	56.42	Before	Interior Girder 2	56.42	0.95	1	1	2.771813
HL93_str_inv	BOBJ1	56.42	Before	Interior Girder 3	56.42	0.95	1	1	2.261474
HL93_str_inv	BOBJ1	56.42	Before	Interior Girder 4	56.42	0.95	1	1	2.261474
HL93_str_inv	BOBJ1	56.42	Before	Interior Girder 5	56.42	0.95	1	1	2.771813
HL93_str_inv	BOBJ1	56.42	Before	Interior Girder 6	56.42	0.95	1	1	2.91222
HL93_str_inv	BOBJ1	56.42	Before	Right Exterior Girder	56.42	0.95	1	1	4.578708
HL93_str_inv	BOBJ1	56.42	After	Left Exterior Girder	0	0.95	1	1	4.480745
HL93_str_inv	BOBJ1	56.42	After	Interior Girder 1	0	0.95	1	1	2.952364
HL93_str_inv	BOBJ1	56.42	After	Interior Girder 2	0	0.95	1	1	2.80785
HL93_str_inv	BOBJ1	56.42	After	Interior Girder 3	0	0.95	1	1	2.299335
HL93_str_inv	BOBJ1	56.42	After	Interior Girder 4	0	0.95	1	1	2.299335
HL93_str_inv	BOBJ1	56.42	After	Interior Girder 5	0	0.95	1	1	2.80785
HL93_str_inv	BOBJ1	56.42	After	Interior Girder 6	0	0.95	1	1	2.952364
HL93_str_inv	BOBJ1	56.42	After	Right Exterior Girder	0	0.95	1	1	4.480745
HL93_str_inv	BOBJ1	62.0367	Before	Left Exterior Girder	5.6167	0.95	1	1	4.54889
HL93_str_inv	BOBJ1	62.0367	Before	Interior Girder 1	5.6167	0.95	1	1	3.005131
HL93_str_inv	BOBJ1	62.0367	Before	Interior Girder 2	5.6167	0.95	1	1	2.857664
HL93_str_inv	BOBJ1	62.0367	Before	Interior Girder 3	5.6167	0.95	1	1	2.341023
HL93_str_inv	BOBJ1	62.0367	Before	Interior Girder 4	5.6167	0.95	1	1	2.341023
HL93_str_inv	BOBJ1	62.0367	Before	Interior Girder 5	5.6167	0.95	1	1	2.857664
HL93_str_inv	BOBJ1	62.0367	Before	Interior Girder 6	5.6167	0.95	1	1	3.005131
HL93_str_inv	BOBJ1	62.0367	Before	Right Exterior Girder	5.6167	0.95	1	1	4.54889
HL93_str_inv	BOBJ1	62.0367	After	Left Exterior Girder	5.6167	0.95	1	1	6.823739
HL93_str_inv	BOBJ1	62.0367	After	Interior Girder 1	5.6167	0.95	1	1	2.816391
HL93_str_inv	BOBJ1	62.0367	After	Interior Girder 2	5.6167	0.95	1	1	3.173725
HL93_str_inv	BOBJ1	62.0367	After	Interior Girder 3	5.6167	0.95	1	1	2.695367
HL93_str_inv	BOBJ1	62.0367	After	Interior Girder 4	5.6167	0.95	1	1	2.695367
HL93_str_inv	BOBJ1	62.0367	After	Interior Girder 5	5.6167	0.95	1	1	3.173725
HL93_str_inv	BOBJ1	62.0367	After	Interior Girder 6	5.6167	0.95	1	1	2.816391
HL93_str_inv	BOBJ1	62.0367	After	Right Exterior Girder	5.6167	0.95	1	1	6.823739
HL93_str_inv	BOBJ1	62.4203	Before	Interior Girder 1	6.0003	0.95	1	1	2.819839
HL93_str_inv	BOBJ1	62.4203	Before	Interior Girder 2	6.0003	0.95	1	1	3.177497
HL93_str_inv	BOBJ1	62.4203	Before	Interior Girder 3	6.0003	0.95	1	1	2.698634
HL93_str_inv	BOBJ1	62.4203	Before	Interior Girder 4	6.0003	0.95	1	1	2.698634
HL93_str_inv	BOBJ1	62.4203	Before	Interior Girder 5	6.0003	0.95	1	1	3.177497
HL93_str_inv	BOBJ1	62.4203	Before	Interior Girder 6	6.0003	0.95	1	1	2.819839
HL93_str_inv	BOBJ1	62.4203	After	Interior Girder 1	6.0003	0.95	1	1	2.825487
HL93_str_inv	BOBJ1	62.4203	After	Interior Girder 2	6.0003	0.95	1	1	3.377518
HL93_str_inv	BOBJ1	62.4203	After	Interior Girder 3	6.0003	0.95	1	1	2.941793
HL93_str_inv	BOBJ1	62.4203	After	Interior Girder 4	6.0003	0.95	1	1	2.941793
HL93_str_inv	BOBJ1	62.4203	After	Interior Girder 5	6.0003	0.95	1	1	3.377518
HL93_str_inv	BOBJ1	62.4203	After	Interior Girder 6	6.0003	0.95	1	1	2.825487
HL93_str_inv	BOBJ1	64.9204	Before	Left Exterior Girder	8.5004	0.95	1	1	4.889185
HL93_str_inv	BOBJ1	64.9204	Before	Right Exterior Girder	8.5004	0.95	1	1	4.889185
HL93_str_inv	BOBJ1	64.9204	After	Left Exterior Girder	8.5004	0.95	1	1	4.947688

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Approach, Span 12-1									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
HL93_str_inv	BOBJ1	64.9204	After	Right Exterior Girder	8.5004	0.95	1	1	4.947688
HL93_str_inv	BOBJ1	67.6533	Before	Left Exterior Girder	11.2333	0.95	1	1	4.977812
HL93_str_inv	BOBJ1	67.6533	Before	Interior Girder 1	11.2333	0.95	1	1	3.724901
HL93_str_inv	BOBJ1	67.6533	Before	Interior Girder 2	11.2333	0.95	1	1	3.429546
HL93_str_inv	BOBJ1	67.6533	Before	Interior Girder 3	11.2333	0.95	1	1	2.987832
HL93_str_inv	BOBJ1	67.6533	Before	Interior Girder 4	11.2333	0.95	1	1	2.987832
HL93_str_inv	BOBJ1	67.6533	Before	Interior Girder 5	11.2333	0.95	1	1	3.429546
HL93_str_inv	BOBJ1	67.6533	Before	Interior Girder 6	11.2333	0.95	1	1	3.724901
HL93_str_inv	BOBJ1	67.6533	Before	Right Exterior Girder	11.2333	0.95	1	1	4.977812
HL93_str_inv	BOBJ1	67.6533	After	Left Exterior Girder	11.2333	0.95	1	1	5.604485
HL93_str_inv	BOBJ1	67.6533	After	Interior Girder 1	11.2333	0.95	1	1	4.522786
HL93_str_inv	BOBJ1	67.6533	After	Interior Girder 2	11.2333	0.95	1	1	4.157623
HL93_str_inv	BOBJ1	67.6533	After	Interior Girder 3	11.2333	0.95	1	1	3.804556
HL93_str_inv	BOBJ1	67.6533	After	Interior Girder 4	11.2333	0.95	1	1	3.804556
HL93_str_inv	BOBJ1	67.6533	After	Interior Girder 5	11.2333	0.95	1	1	4.157623
HL93_str_inv	BOBJ1	67.6533	After	Interior Girder 6	11.2333	0.95	1	1	4.522786
HL93_str_inv	BOBJ1	67.6533	After	Right Exterior Girder	11.2333	0.95	1	1	5.604485
HL93_str_inv	BOBJ1	73.27	Before	Left Exterior Girder	16.85	0.95	1	1	5.672491
HL93_str_inv	BOBJ1	73.27	Before	Interior Girder 1	16.85	0.95	1	1	4.596692
HL93_str_inv	BOBJ1	73.27	Before	Interior Girder 2	16.85	0.95	1	1	4.22502
HL93_str_inv	BOBJ1	73.27	Before	Interior Girder 3	16.85	0.95	1	1	3.867005
HL93_str_inv	BOBJ1	73.27	Before	Interior Girder 4	16.85	0.95	1	1	3.867005
HL93_str_inv	BOBJ1	73.27	Before	Interior Girder 5	16.85	0.95	1	1	4.22502
HL93_str_inv	BOBJ1	73.27	Before	Interior Girder 6	16.85	0.95	1	1	4.596692
HL93_str_inv	BOBJ1	73.27	Before	Right Exterior Girder	16.85	0.95	1	1	5.672491
HL93_str_inv	BOBJ1	73.27	After	Left Exterior Girder	16.85	0.95	1	1	7.743141
HL93_str_inv	BOBJ1	73.27	After	Interior Girder 1	16.85	0.95	1	1	4.837241
HL93_str_inv	BOBJ1	73.27	After	Interior Girder 2	16.85	0.95	1	1	4.55669
HL93_str_inv	BOBJ1	73.27	After	Interior Girder 3	16.85	0.95	1	1	3.999943
HL93_str_inv	BOBJ1	73.27	After	Interior Girder 4	16.85	0.95	1	1	3.999943
HL93_str_inv	BOBJ1	73.27	After	Interior Girder 5	16.85	0.95	1	1	4.55669
HL93_str_inv	BOBJ1	73.27	After	Interior Girder 6	16.85	0.95	1	1	4.837241
HL93_str_inv	BOBJ1	73.27	After	Right Exterior Girder	16.85	0.95	1	1	7.743141
HL93_str_inv	BOBJ1	78.8867	Before	Left Exterior Girder	22.4667	0.95	1	1	7.833757
HL93_str_inv	BOBJ1	78.8867	Before	Interior Girder 1	22.4667	0.95	1	1	4.914476
HL93_str_inv	BOBJ1	78.8867	Before	Interior Girder 2	22.4667	0.95	1	1	4.629244
HL93_str_inv	BOBJ1	78.8867	Before	Interior Girder 3	22.4667	0.95	1	1	4.063816
HL93_str_inv	BOBJ1	78.8867	Before	Interior Girder 4	22.4667	0.95	1	1	4.063816
HL93_str_inv	BOBJ1	78.8867	Before	Interior Girder 5	22.4667	0.95	1	1	4.629244
HL93_str_inv	BOBJ1	78.8867	Before	Interior Girder 6	22.4667	0.95	1	1	4.914476
HL93_str_inv	BOBJ1	78.8867	Before	Right Exterior Girder	22.4667	0.95	1	1	7.833757
HL93_str_inv	BOBJ1	78.8867	After	Left Exterior Girder	22.4667	0.95	1	1	9.524605
HL93_str_inv	BOBJ1	78.8867	After	Interior Girder 1	22.4667	0.95	1	1	6.214455
HL93_str_inv	BOBJ1	78.8867	After	Interior Girder 2	22.4667	0.95	1	1	5.776237
HL93_str_inv	BOBJ1	78.8867	After	Interior Girder 3	22.4667	0.95	1	1	5.189029
HL93_str_inv	BOBJ1	78.8867	After	Interior Girder 4	22.4667	0.95	1	1	5.189029
HL93_str_inv	BOBJ1	78.8867	After	Interior Girder 5	22.4667	0.95	1	1	5.776237
HL93_str_inv	BOBJ1	78.8867	After	Interior Girder 6	22.4667	0.95	1	1	6.214455
HL93_str_inv	BOBJ1	78.8867	After	Right Exterior Girder	22.4667	0.95	1	1	9.524605
HL93_str_inv	BOBJ1	84.5033	Before	Left Exterior Girder	28.0833	0.95	1	1	9.632296
HL93_str_inv	BOBJ1	84.5033	Before	Interior Girder 1	28.0833	0.95	1	1	6.311667
HL93_str_inv	BOBJ1	84.5033	Before	Interior Girder 2	28.0833	0.95	1	1	5.86629
HL93_str_inv	BOBJ1	84.5033	Before	Interior Girder 3	28.0833	0.95	1	1	5.270054
HL93_str_inv	BOBJ1	84.5033	Before	Interior Girder 4	28.0833	0.95	1	1	5.270054
HL93_str_inv	BOBJ1	84.5033	Before	Interior Girder 5	28.0833	0.95	1	1	5.86629
HL93_str_inv	BOBJ1	84.5033	Before	Interior Girder 6	28.0833	0.95	1	1	6.311667
HL93_str_inv	BOBJ1	84.5033	Before	Right Exterior Girder	28.0833	0.95	1	1	9.632296
HL93_str_inv	BOBJ1	84.5033	After	Left Exterior Girder	28.0833	0.95	1	1	12.149352
HL93_str_inv	BOBJ1	84.5033	After	Interior Girder 1	28.0833	0.95	1	1	8.250361
HL93_str_inv	BOBJ1	84.5033	After	Interior Girder 2	28.0833	0.95	1	1	7.578388
HL93_str_inv	BOBJ1	84.5033	After	Interior Girder 3	28.0833	0.95	1	1	6.510882
HL93_str_inv	BOBJ1	84.5033	After	Interior Girder 4	28.0833	0.95	1	1	6.510882
HL93_str_inv	BOBJ1	84.5033	After	Interior Girder 5	28.0833	0.95	1	1	7.578388
HL93_str_inv	BOBJ1	84.5033	After	Interior Girder 6	28.0833	0.95	1	1	8.250361
HL93_str_inv	BOBJ1	84.5033	After	Right Exterior Girder	28.0833	0.95	1	1	12.149352

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Approach, Span 12-1									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
HL93_str_inv	BOBJ1	90.12	Before	Left Exterior Girder	33.7	0.95	1	1	12.282285
HL93_str_inv	BOBJ1	90.12	Before	Interior Girder 1	33.7	0.95	1	1	8.375581
HL93_str_inv	BOBJ1	90.12	Before	Interior Girder 2	33.7	0.95	1	1	7.46659
HL93_str_inv	BOBJ1	90.12	Before	Interior Girder 3	33.7	0.95	1	1	6.414922
HL93_str_inv	BOBJ1	90.12	Before	Interior Girder 4	33.7	0.95	1	1	6.414922
HL93_str_inv	BOBJ1	90.12	Before	Interior Girder 5	33.7	0.95	1	1	7.46659
HL93_str_inv	BOBJ1	90.12	Before	Interior Girder 6	33.7	0.95	1	1	8.375581
HL93_str_inv	BOBJ1	90.12	Before	Right Exterior Girder	33.7	0.95	1	1	12.282285
HL93_str_inv	BOBJ1	90.12	After	Left Exterior Girder	33.7	0.95	1	1	12.710327
HL93_str_inv	BOBJ1	90.12	After	Interior Girder 1	33.7	0.95	1	1	8.354205
HL93_str_inv	BOBJ1	90.12	After	Interior Girder 2	33.7	0.95	1	1	7.461936
HL93_str_inv	BOBJ1	90.12	After	Interior Girder 3	33.7	0.95	1	1	6.413895
HL93_str_inv	BOBJ1	90.12	After	Interior Girder 4	33.7	0.95	1	1	6.413895
HL93_str_inv	BOBJ1	90.12	After	Interior Girder 5	33.7	0.95	1	1	7.461936
HL93_str_inv	BOBJ1	90.12	After	Interior Girder 6	33.7	0.95	1	1	8.354205
HL93_str_inv	BOBJ1	90.12	After	Right Exterior Girder	33.7	0.95	1	1	12.710327
HL93_str_inv	BOBJ1	95.7367	Before	Left Exterior Girder	39.3167	0.95	1	1	12.572788
HL93_str_inv	BOBJ1	95.7367	Before	Interior Girder 1	39.3167	0.95	1	1	8.331419
HL93_str_inv	BOBJ1	95.7367	Before	Interior Girder 2	39.3167	0.95	1	1	7.573594
HL93_str_inv	BOBJ1	95.7367	Before	Interior Girder 3	39.3167	0.95	1	1	6.509765
HL93_str_inv	BOBJ1	95.7367	Before	Interior Girder 4	39.3167	0.95	1	1	6.509765
HL93_str_inv	BOBJ1	95.7367	Before	Interior Girder 5	39.3167	0.95	1	1	7.573594
HL93_str_inv	BOBJ1	95.7367	Before	Interior Girder 6	39.3167	0.95	1	1	8.331419
HL93_str_inv	BOBJ1	95.7367	Before	Right Exterior Girder	39.3167	0.95	1	1	12.572788
HL93_str_inv	BOBJ1	95.7367	After	Left Exterior Girder	39.3167	0.95	1	1	9.850772
HL93_str_inv	BOBJ1	95.7367	After	Interior Girder 1	39.3167	0.95	1	1	6.361846
HL93_str_inv	BOBJ1	95.7367	After	Interior Girder 2	39.3167	0.95	1	1	5.920439
HL93_str_inv	BOBJ1	95.7367	After	Interior Girder 3	39.3167	0.95	1	1	5.276476
HL93_str_inv	BOBJ1	95.7367	After	Interior Girder 4	39.3167	0.95	1	1	5.276476
HL93_str_inv	BOBJ1	95.7367	After	Interior Girder 5	39.3167	0.95	1	1	5.920439
HL93_str_inv	BOBJ1	95.7367	After	Interior Girder 6	39.3167	0.95	1	1	6.361846
HL93_str_inv	BOBJ1	95.7367	After	Right Exterior Girder	39.3167	0.95	1	1	9.850772
HL93_str_inv	BOBJ1	101.3533	Before	Left Exterior Girder	44.9333	0.95	1	1	9.74066
HL93_str_inv	BOBJ1	101.3533	Before	Interior Girder 1	44.9333	0.95	1	1	6.263822
HL93_str_inv	BOBJ1	101.3533	Before	Interior Girder 2	44.9333	0.95	1	1	5.829496
HL93_str_inv	BOBJ1	101.3533	Before	Interior Girder 3	44.9333	0.95	1	1	5.195287
HL93_str_inv	BOBJ1	101.3533	Before	Interior Girder 4	44.9333	0.95	1	1	5.195287
HL93_str_inv	BOBJ1	101.3533	Before	Interior Girder 5	44.9333	0.95	1	1	5.829496
HL93_str_inv	BOBJ1	101.3533	Before	Interior Girder 6	44.9333	0.95	1	1	6.263822
HL93_str_inv	BOBJ1	101.3533	Before	Right Exterior Girder	44.9333	0.95	1	1	9.74066
HL93_str_inv	BOBJ1	101.3533	After	Left Exterior Girder	44.9333	0.95	1	1	7.98753
HL93_str_inv	BOBJ1	101.3533	After	Interior Girder 1	44.9333	0.95	1	1	4.947394
HL93_str_inv	BOBJ1	101.3533	After	Interior Girder 2	44.9333	0.95	1	1	4.66118
HL93_str_inv	BOBJ1	101.3533	After	Interior Girder 3	44.9333	0.95	1	1	4.066156
HL93_str_inv	BOBJ1	101.3533	After	Interior Girder 4	44.9333	0.95	1	1	4.066156
HL93_str_inv	BOBJ1	101.3533	After	Interior Girder 5	44.9333	0.95	1	1	4.66118
HL93_str_inv	BOBJ1	101.3533	After	Interior Girder 6	44.9333	0.95	1	1	4.947394
HL93_str_inv	BOBJ1	101.3533	After	Right Exterior Girder	44.9333	0.95	1	1	7.98753
HL93_str_inv	BOBJ1	106.97	Before	Left Exterior Girder	50.55	0.95	1	1	7.895155
HL93_str_inv	BOBJ1	106.97	Before	Interior Girder 1	50.55	0.95	1	1	4.869611
HL93_str_inv	BOBJ1	106.97	Before	Interior Girder 2	50.55	0.95	1	1	4.588075
HL93_str_inv	BOBJ1	106.97	Before	Interior Girder 3	50.55	0.95	1	1	4.002194
HL93_str_inv	BOBJ1	106.97	Before	Interior Girder 4	50.55	0.95	1	1	4.002194
HL93_str_inv	BOBJ1	106.97	Before	Interior Girder 5	50.55	0.95	1	1	4.588075
HL93_str_inv	BOBJ1	106.97	Before	Interior Girder 6	50.55	0.95	1	1	4.869611
HL93_str_inv	BOBJ1	106.97	Before	Right Exterior Girder	50.55	0.95	1	1	7.895155
HL93_str_inv	BOBJ1	106.97	After	Left Exterior Girder	50.55	0.95	1	1	5.770257
HL93_str_inv	BOBJ1	106.97	After	Interior Girder 1	50.55	0.95	1	1	4.643788
HL93_str_inv	BOBJ1	106.97	After	Interior Girder 2	50.55	0.95	1	1	4.259525
HL93_str_inv	BOBJ1	106.97	After	Interior Girder 3	50.55	0.95	1	1	3.891214
HL93_str_inv	BOBJ1	106.97	After	Interior Girder 4	50.55	0.95	1	1	3.891214
HL93_str_inv	BOBJ1	106.97	After	Interior Girder 5	50.55	0.95	1	1	4.259525
HL93_str_inv	BOBJ1	106.97	After	Interior Girder 6	50.55	0.95	1	1	4.643788
HL93_str_inv	BOBJ1	106.97	After	Right Exterior Girder	50.55	0.95	1	1	5.770257
HL93_str_inv	BOBJ1	112.5933	Before	Left Exterior Girder	56.1733	0.95	1	1	5.70102

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Approach, Span 12-1									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
HL93_str_inv	BOBJ1	112.5933	Before	Interior Girder 1	56.1733	0.95	1	1	4.569009
HL93_str_inv	BOBJ1	112.5933	Before	Interior Girder 2	56.1733	0.95	1	1	4.191433
HL93_str_inv	BOBJ1	112.5933	Before	Interior Girder 3	56.1733	0.95	1	1	3.828251
HL93_str_inv	BOBJ1	112.5933	Before	Interior Girder 4	56.1733	0.95	1	1	3.828251
HL93_str_inv	BOBJ1	112.5933	Before	Interior Girder 5	56.1733	0.95	1	1	4.191433
HL93_str_inv	BOBJ1	112.5933	Before	Interior Girder 6	56.1733	0.95	1	1	4.569009
HL93_str_inv	BOBJ1	112.5933	Before	Right Exterior Girder	56.1733	0.95	1	1	5.70102
HL93_str_inv	BOBJ1	112.5933	After	Left Exterior Girder	56.1733	0.95	1	1	5.08338
HL93_str_inv	BOBJ1	112.5933	After	Interior Girder 1	56.1733	0.95	1	1	3.734889
HL93_str_inv	BOBJ1	112.5933	After	Interior Girder 2	56.1733	0.95	1	1	3.449458
HL93_str_inv	BOBJ1	112.5933	After	Interior Girder 3	56.1733	0.95	1	1	2.999326
HL93_str_inv	BOBJ1	112.5933	After	Interior Girder 4	56.1733	0.95	1	1	2.999326
HL93_str_inv	BOBJ1	112.5933	After	Interior Girder 5	56.1733	0.95	1	1	3.449458
HL93_str_inv	BOBJ1	112.5933	After	Interior Girder 6	56.1733	0.95	1	1	3.734889
HL93_str_inv	BOBJ1	112.5933	After	Right Exterior Girder	56.1733	0.95	1	1	5.08338
HL93_str_inv	BOBJ1	115.3396	Before	Left Exterior Girder	58.9196	0.95	1	1	5.052487
HL93_str_inv	BOBJ1	115.3396	Before	Right Exterior Girder	58.9196	0.95	1	1	5.052487
HL93_str_inv	BOBJ1	115.3396	After	Left Exterior Girder	58.9196	0.95	1	1	4.769861
HL93_str_inv	BOBJ1	115.3396	After	Right Exterior Girder	58.9196	0.95	1	1	4.769861
HL93_str_inv	BOBJ1	118.2167	Before	Left Exterior Girder	61.7967	0.95	1	1	4.734233
HL93_str_inv	BOBJ1	118.2167	Before	Interior Girder 1	61.9198	0.95	1	1	3.71654
HL93_str_inv	BOBJ1	118.2167	Before	Interior Girder 2	61.9198	0.95	1	1	3.393156
HL93_str_inv	BOBJ1	118.2167	Before	Interior Girder 3	61.9198	0.95	1	1	2.94961
HL93_str_inv	BOBJ1	118.2167	Before	Interior Girder 4	61.9198	0.95	1	1	2.94961
HL93_str_inv	BOBJ1	118.2167	Before	Interior Girder 5	61.9198	0.95	1	1	3.393156
HL93_str_inv	BOBJ1	118.2167	Before	Interior Girder 6	61.9198	0.95	1	1	3.71654
HL93_str_inv	BOBJ1	118.2167	Before	Right Exterior Girder	61.7967	0.95	1	1	4.734233
HL93_str_inv	BOBJ1	118.2167	After	Left Exterior Girder	61.7967	0.95	1	1	4.58088
HL93_str_inv	BOBJ1	118.2167	After	Interior Girder 1	61.9198	0.95	1	1	3.018558
HL93_str_inv	BOBJ1	118.2167	After	Interior Girder 2	61.9198	0.95	1	1	2.863948
HL93_str_inv	BOBJ1	118.2167	After	Interior Girder 3	61.9198	0.95	1	1	2.341968
HL93_str_inv	BOBJ1	118.2167	After	Interior Girder 4	61.9198	0.95	1	1	2.341968
HL93_str_inv	BOBJ1	118.2167	After	Interior Girder 5	61.9198	0.95	1	1	2.863948
HL93_str_inv	BOBJ1	118.2167	After	Interior Girder 6	61.9198	0.95	1	1	3.018558
HL93_str_inv	BOBJ1	118.2167	After	Right Exterior Girder	61.7967	0.95	1	1	4.58088
HL93_str_inv	BOBJ1	123.84	Before	Left Exterior Girder	67.42	0.95	1	1	4.51221
HL93_str_inv	BOBJ1	123.84	Before	Interior Girder 1	67.42	0.95	1	1	2.965468
HL93_str_inv	BOBJ1	123.84	Before	Interior Girder 2	67.42	0.95	1	1	2.813907
HL93_str_inv	BOBJ1	123.84	Before	Interior Girder 3	67.42	0.95	1	1	2.300182
HL93_str_inv	BOBJ1	123.84	Before	Interior Girder 4	67.42	0.95	1	1	2.300182
HL93_str_inv	BOBJ1	123.84	Before	Interior Girder 5	67.42	0.95	1	1	2.813907
HL93_str_inv	BOBJ1	123.84	Before	Interior Girder 6	67.42	0.95	1	1	2.965468
HL93_str_inv	BOBJ1	123.84	Before	Right Exterior Girder	67.42	0.95	1	1	4.51221
HL93_str_inv	BOBJ1	123.84	After	Left Exterior Girder	0	0.95	1	1	4.605998
HL93_str_inv	BOBJ1	123.84	After	Interior Girder 1	0	0.95	1	1	3.003677
HL93_str_inv	BOBJ1	123.84	After	Interior Girder 2	0	0.95	1	1	2.812504
HL93_str_inv	BOBJ1	123.84	After	Interior Girder 3	0	0.95	1	1	2.299686
HL93_str_inv	BOBJ1	123.84	After	Interior Girder 4	0	0.95	1	1	2.299686
HL93_str_inv	BOBJ1	123.84	After	Interior Girder 5	0	0.95	1	1	2.812504
HL93_str_inv	BOBJ1	123.84	After	Interior Girder 6	0	0.95	1	1	3.003677
HL93_str_inv	BOBJ1	123.84	After	Right Exterior Girder	0	0.95	1	1	4.605998
HL93_str_inv	BOBJ1	129.34	Before	Interior Girder 1	5.5	0.95	1	1	3.056329
HL93_str_inv	BOBJ1	129.34	Before	Interior Girder 2	5.5	0.95	1	1	2.861421
HL93_str_inv	BOBJ1	129.34	Before	Interior Girder 3	5.5	0.95	1	1	2.340645
HL93_str_inv	BOBJ1	129.34	Before	Interior Girder 4	5.5	0.95	1	1	2.340645
HL93_str_inv	BOBJ1	129.34	Before	Interior Girder 5	5.5	0.95	1	1	2.861421
HL93_str_inv	BOBJ1	129.34	Before	Interior Girder 6	5.5	0.95	1	1	3.056329
HL93_str_inv	BOBJ1	129.34	After	Interior Girder 1	5.5	0.95	1	1	2.923363
HL93_str_inv	BOBJ1	129.34	After	Interior Girder 2	5.5	0.95	1	1	2.979047
HL93_str_inv	BOBJ1	129.34	After	Interior Girder 3	5.5	0.95	1	1	2.430332
HL93_str_inv	BOBJ1	129.34	After	Interior Girder 4	5.5	0.95	1	1	2.430332
HL93_str_inv	BOBJ1	129.34	After	Interior Girder 5	5.5	0.95	1	1	2.979047
HL93_str_inv	BOBJ1	129.34	After	Interior Girder 6	5.5	0.95	1	1	2.923363
HL93_str_inv	BOBJ1	130.79	Before	Left Exterior Girder	6.95	0.95	1	1	4.097179
HL93_str_inv	BOBJ1	130.79	Before	Interior Girder 1	6.95	0.95	1	1	2.936181

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Approach, Span 12-1									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
HL93_str_inv	BOBJ1	130.79	Before	Interior Girder 2	6.95	0.95	1	1	2.99181
HL93_str_inv	BOBJ1	130.79	Before	Interior Girder 3	6.95	0.95	1	1	2.440967
HL93_str_inv	BOBJ1	130.79	Before	Interior Girder 4	6.95	0.95	1	1	2.440967
HL93_str_inv	BOBJ1	130.79	Before	Interior Girder 5	6.95	0.95	1	1	2.99181
HL93_str_inv	BOBJ1	130.79	Before	Interior Girder 6	6.95	0.95	1	1	2.936181
HL93_str_inv	BOBJ1	130.79	Before	Right Exterior Girder	6.95	0.95	1	1	4.097179
HL93_str_inv	BOBJ1	130.79	After	Left Exterior Girder	6.95	0.95	1	1	4.265835
HL93_str_inv	BOBJ1	130.79	After	Interior Girder 1	6.95	0.95	1	1	3.878148
HL93_str_inv	BOBJ1	130.79	After	Interior Girder 2	6.95	0.95	1	1	3.757882
HL93_str_inv	BOBJ1	130.79	After	Interior Girder 3	6.95	0.95	1	1	3.373546
HL93_str_inv	BOBJ1	130.79	After	Interior Girder 4	6.95	0.95	1	1	3.373546
HL93_str_inv	BOBJ1	130.79	After	Interior Girder 5	6.95	0.95	1	1	3.757882
HL93_str_inv	BOBJ1	130.79	After	Interior Girder 6	6.95	0.95	1	1	3.878148
HL93_str_inv	BOBJ1	130.79	After	Right Exterior Girder	6.95	0.95	1	1	4.265835
HL93_str_inv	BOBJ1	132.34	Before	Left Exterior Girder	8.5	0.95	1	1	4.283356
HL93_str_inv	BOBJ1	132.34	Before	Right Exterior Girder	8.5	0.95	1	1	4.283356
HL93_str_inv	BOBJ1	132.34	After	Left Exterior Girder	8.5	0.95	1	1	5.170779
HL93_str_inv	BOBJ1	132.34	After	Right Exterior Girder	8.5	0.95	1	1	5.170779
HL93_str_inv	BOBJ1	137.74	Before	Left Exterior Girder	13.9	0.95	1	1	5.232464
HL93_str_inv	BOBJ1	137.74	Before	Interior Girder 1	13.9	0.95	1	1	4.16347
HL93_str_inv	BOBJ1	137.74	Before	Interior Girder 2	13.9	0.95	1	1	3.834537
HL93_str_inv	BOBJ1	137.74	Before	Interior Girder 3	13.9	0.95	1	1	3.443491
HL93_str_inv	BOBJ1	137.74	Before	Interior Girder 4	13.9	0.95	1	1	3.443491
HL93_str_inv	BOBJ1	137.74	Before	Interior Girder 5	13.9	0.95	1	1	3.834537
HL93_str_inv	BOBJ1	137.74	Before	Interior Girder 6	13.9	0.95	1	1	4.16347
HL93_str_inv	BOBJ1	137.74	Before	Right Exterior Girder	13.9	0.95	1	1	5.232464
HL93_str_inv	BOBJ1	137.74	After	Left Exterior Girder	13.9	0.95	1	1	6.980577
HL93_str_inv	BOBJ1	137.74	After	Interior Girder 1	13.9	0.95	1	1	4.492736
HL93_str_inv	BOBJ1	137.74	After	Interior Girder 2	13.9	0.95	1	1	4.207138
HL93_str_inv	BOBJ1	137.74	After	Interior Girder 3	13.9	0.95	1	1	3.716876
HL93_str_inv	BOBJ1	137.74	After	Interior Girder 4	13.9	0.95	1	1	3.716876
HL93_str_inv	BOBJ1	137.74	After	Interior Girder 5	13.9	0.95	1	1	4.207138
HL93_str_inv	BOBJ1	137.74	After	Interior Girder 6	13.9	0.95	1	1	4.492736
HL93_str_inv	BOBJ1	137.74	After	Right Exterior Girder	13.9	0.95	1	1	6.980577
HL93_str_inv	BOBJ1	143.7733	Before	Left Exterior Girder	19.9333	0.95	1	1	7.069998
HL93_str_inv	BOBJ1	143.7733	Before	Interior Girder 1	19.9333	0.95	1	1	4.570796
HL93_str_inv	BOBJ1	143.7733	Before	Interior Girder 2	19.9333	0.95	1	1	4.280033
HL93_str_inv	BOBJ1	143.7733	Before	Interior Girder 3	19.9333	0.95	1	1	3.781527
HL93_str_inv	BOBJ1	143.7733	Before	Interior Girder 4	19.9333	0.95	1	1	3.781527
HL93_str_inv	BOBJ1	143.7733	Before	Interior Girder 5	19.9333	0.95	1	1	4.280033
HL93_str_inv	BOBJ1	143.7733	Before	Interior Girder 6	19.9333	0.95	1	1	4.570796
HL93_str_inv	BOBJ1	143.7733	Before	Right Exterior Girder	19.9333	0.95	1	1	7.069998
HL93_str_inv	BOBJ1	143.7733	After	Left Exterior Girder	19.9333	0.95	1	1	8.587594
HL93_str_inv	BOBJ1	143.7733	After	Interior Girder 1	19.9333	0.95	1	1	5.820715
HL93_str_inv	BOBJ1	143.7733	After	Interior Girder 2	19.9333	0.95	1	1	5.368785
HL93_str_inv	BOBJ1	143.7733	After	Interior Girder 3	19.9333	0.95	1	1	4.880425
HL93_str_inv	BOBJ1	143.7733	After	Interior Girder 4	19.9333	0.95	1	1	4.880425
HL93_str_inv	BOBJ1	143.7733	After	Interior Girder 5	19.9333	0.95	1	1	5.368785
HL93_str_inv	BOBJ1	143.7733	After	Interior Girder 6	19.9333	0.95	1	1	5.820715
HL93_str_inv	BOBJ1	143.7733	After	Right Exterior Girder	19.9333	0.95	1	1	8.587594
HL93_str_inv	BOBJ1	149.8067	Before	Left Exterior Girder	25.9667	0.95	1	1	8.693521
HL93_str_inv	BOBJ1	149.8067	Before	Interior Girder 1	25.9667	0.95	1	1	5.919637
HL93_str_inv	BOBJ1	149.8067	Before	Interior Girder 2	25.9667	0.95	1	1	5.459708
HL93_str_inv	BOBJ1	149.8067	Before	Interior Girder 3	25.9667	0.95	1	1	4.96326
HL93_str_inv	BOBJ1	149.8067	Before	Interior Girder 4	25.9667	0.95	1	1	4.96326
HL93_str_inv	BOBJ1	149.8067	Before	Interior Girder 5	25.9667	0.95	1	1	5.459708
HL93_str_inv	BOBJ1	149.8067	Before	Interior Girder 6	25.9667	0.95	1	1	5.919637
HL93_str_inv	BOBJ1	149.8067	Before	Right Exterior Girder	25.9667	0.95	1	1	8.693521
HL93_str_inv	BOBJ1	149.8067	After	Left Exterior Girder	25.9667	0.95	1	1	10.916929
HL93_str_inv	BOBJ1	149.8067	After	Interior Girder 1	25.9667	0.95	1	1	7.787117
HL93_str_inv	BOBJ1	149.8067	After	Interior Girder 2	25.9667	0.95	1	1	7.107579
HL93_str_inv	BOBJ1	149.8067	After	Interior Girder 3	25.9667	0.95	1	1	6.572787
HL93_str_inv	BOBJ1	149.8067	After	Interior Girder 4	25.9667	0.95	1	1	6.572787
HL93_str_inv	BOBJ1	149.8067	After	Interior Girder 5	25.9667	0.95	1	1	7.107579
HL93_str_inv	BOBJ1	149.8067	After	Interior Girder 6	25.9667	0.95	1	1	7.787117

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Approach, Span 12-1									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
HL93_str_inv	BOBJ1	149.8067	After	Right Exterior Girder	25.9667	0.95	1	1	10.916929
HL93_str_inv	BOBJ1	155.84	Before	Left Exterior Girder	32	0.95	1	1	11.046853
HL93_str_inv	BOBJ1	155.84	Before	Interior Girder 1	32	0.95	1	1	7.916536
HL93_str_inv	BOBJ1	155.84	Before	Interior Girder 2	32	0.95	1	1	7.225246
HL93_str_inv	BOBJ1	155.84	Before	Interior Girder 3	32	0.95	1	1	6.681761
HL93_str_inv	BOBJ1	155.84	Before	Interior Girder 4	32	0.95	1	1	6.681761
HL93_str_inv	BOBJ1	155.84	Before	Interior Girder 5	32	0.95	1	1	7.225246
HL93_str_inv	BOBJ1	155.84	Before	Interior Girder 6	32	0.95	1	1	7.916536
HL93_str_inv	BOBJ1	155.84	Before	Right Exterior Girder	32	0.95	1	1	11.046853
HL93_str_inv	BOBJ1	155.84	After	Left Exterior Girder	32	0.95	1	1	13.902721
HL93_str_inv	BOBJ1	155.84	After	Interior Girder 1	32	0.95	1	1	7.931691
HL93_str_inv	BOBJ1	155.84	After	Interior Girder 2	32	0.95	1	1	7.118284
HL93_str_inv	BOBJ1	155.84	After	Interior Girder 3	32	0.95	1	1	6.117796
HL93_str_inv	BOBJ1	155.84	After	Interior Girder 4	32	0.95	1	1	6.117796
HL93_str_inv	BOBJ1	155.84	After	Interior Girder 5	32	0.95	1	1	7.118284
HL93_str_inv	BOBJ1	155.84	After	Interior Girder 6	32	0.95	1	1	7.931691
HL93_str_inv	BOBJ1	155.84	After	Right Exterior Girder	32	0.95	1	1	13.902721
HL93_str_inv	BOBJ1	161.8733	Before	Left Exterior Girder	38.0333	0.95	1	1	13.742776
HL93_str_inv	BOBJ1	161.8733	Before	Interior Girder 1	38.0333	0.95	1	1	8.059714
HL93_str_inv	BOBJ1	161.8733	Before	Interior Girder 2	38.0333	0.95	1	1	7.233579
HL93_str_inv	BOBJ1	161.8733	Before	Interior Girder 3	38.0333	0.95	1	1	6.216833
HL93_str_inv	BOBJ1	161.8733	Before	Interior Girder 4	38.0333	0.95	1	1	6.216833
HL93_str_inv	BOBJ1	161.8733	Before	Interior Girder 5	38.0333	0.95	1	1	7.233579
HL93_str_inv	BOBJ1	161.8733	Before	Interior Girder 6	38.0333	0.95	1	1	8.059714
HL93_str_inv	BOBJ1	161.8733	Before	Right Exterior Girder	38.0333	0.95	1	1	13.742776
HL93_str_inv	BOBJ1	161.8733	After	Left Exterior Girder	38.0333	0.95	1	1	10.429598
HL93_str_inv	BOBJ1	161.8733	After	Interior Girder 1	38.0333	0.95	1	1	6.604403
HL93_str_inv	BOBJ1	161.8733	After	Interior Girder 2	38.0333	0.95	1	1	6.175705
HL93_str_inv	BOBJ1	161.8733	After	Interior Girder 3	38.0333	0.95	1	1	5.505331
HL93_str_inv	BOBJ1	161.8733	After	Interior Girder 4	38.0333	0.95	1	1	5.505331
HL93_str_inv	BOBJ1	161.8733	After	Interior Girder 5	38.0333	0.95	1	1	6.175705
HL93_str_inv	BOBJ1	161.8733	After	Interior Girder 6	38.0333	0.95	1	1	6.604403
HL93_str_inv	BOBJ1	161.8733	After	Right Exterior Girder	38.0333	0.95	1	1	10.429598
HL93_str_inv	BOBJ1	167.9067	Before	Left Exterior Girder	44.0667	0.95	1	1	10.305399
HL93_str_inv	BOBJ1	167.9067	Before	Interior Girder 1	44.0667	0.95	1	1	6.495762
HL93_str_inv	BOBJ1	167.9067	Before	Interior Girder 2	44.0667	0.95	1	1	6.074435
HL93_str_inv	BOBJ1	167.9067	Before	Interior Girder 3	44.0667	0.95	1	1	5.414954
HL93_str_inv	BOBJ1	167.9067	Before	Interior Girder 4	44.0667	0.95	1	1	5.414954
HL93_str_inv	BOBJ1	167.9067	Before	Interior Girder 5	44.0667	0.95	1	1	6.074435
HL93_str_inv	BOBJ1	167.9067	Before	Interior Girder 6	44.0667	0.95	1	1	6.495762
HL93_str_inv	BOBJ1	167.9067	Before	Right Exterior Girder	44.0667	0.95	1	1	10.305399
HL93_str_inv	BOBJ1	167.9067	After	Left Exterior Girder	44.0667	0.95	1	1	8.254828
HL93_str_inv	BOBJ1	167.9067	After	Interior Girder 1	44.0667	0.95	1	1	5.04185
HL93_str_inv	BOBJ1	167.9067	After	Interior Girder 2	44.0667	0.95	1	1	4.7614
HL93_str_inv	BOBJ1	167.9067	After	Interior Girder 3	44.0667	0.95	1	1	4.169218
HL93_str_inv	BOBJ1	167.9067	After	Interior Girder 4	44.0667	0.95	1	1	4.169218
HL93_str_inv	BOBJ1	167.9067	After	Interior Girder 5	44.0667	0.95	1	1	4.7614
HL93_str_inv	BOBJ1	167.9067	After	Interior Girder 6	44.0667	0.95	1	1	5.04185
HL93_str_inv	BOBJ1	167.9067	After	Right Exterior Girder	44.0667	0.95	1	1	8.254828
HL93_str_inv	BOBJ1	173.94	Before	Left Exterior Girder	50.1	0.95	1	1	8.152902
HL93_str_inv	BOBJ1	173.94	Before	Interior Girder 1	50.1	0.95	1	1	4.957099
HL93_str_inv	BOBJ1	173.94	Before	Interior Girder 2	50.1	0.95	1	1	4.681562
HL93_str_inv	BOBJ1	173.94	Before	Interior Girder 3	50.1	0.95	1	1	4.099149
HL93_str_inv	BOBJ1	173.94	Before	Interior Girder 4	50.1	0.95	1	1	4.099149
HL93_str_inv	BOBJ1	173.94	Before	Interior Girder 5	50.1	0.95	1	1	4.681562
HL93_str_inv	BOBJ1	173.94	Before	Interior Girder 6	50.1	0.95	1	1	4.957099
HL93_str_inv	BOBJ1	173.94	Before	Right Exterior Girder	50.1	0.95	1	1	8.152902
HL93_str_inv	BOBJ1	173.94	After	Left Exterior Girder	50.1	0.95	1	1	5.750837
HL93_str_inv	BOBJ1	173.94	After	Interior Girder 1	50.1	0.95	1	1	4.732987
HL93_str_inv	BOBJ1	173.94	After	Interior Girder 2	50.1	0.95	1	1	4.335193
HL93_str_inv	BOBJ1	173.94	After	Interior Girder 3	50.1	0.95	1	1	3.989042
HL93_str_inv	BOBJ1	173.94	After	Interior Girder 4	50.1	0.95	1	1	3.989042
HL93_str_inv	BOBJ1	173.94	After	Interior Girder 5	50.1	0.95	1	1	4.335193
HL93_str_inv	BOBJ1	173.94	After	Interior Girder 6	50.1	0.95	1	1	4.732987
HL93_str_inv	BOBJ1	173.94	After	Right Exterior Girder	50.1	0.95	1	1	5.750837

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Approach, Span 12-1									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
HL93_str_inv	BOBJ1	179.98	Before	Left Exterior Girder	56.14	0.95	1	1	5.677005
HL93_str_inv	BOBJ1	179.98	Before	Interior Girder 1	56.14	0.95	1	1	4.651369
HL93_str_inv	BOBJ1	179.98	Before	Interior Girder 2	56.14	0.95	1	1	4.260994
HL93_str_inv	BOBJ1	179.98	Before	Interior Girder 3	56.14	0.95	1	1	3.919988
HL93_str_inv	BOBJ1	179.98	Before	Interior Girder 4	56.14	0.95	1	1	3.919988
HL93_str_inv	BOBJ1	179.98	Before	Interior Girder 5	56.14	0.95	1	1	4.260994
HL93_str_inv	BOBJ1	179.98	Before	Interior Girder 6	56.14	0.95	1	1	4.651369
HL93_str_inv	BOBJ1	179.98	Before	Right Exterior Girder	56.14	0.95	1	1	5.677005
HL93_str_inv	BOBJ1	179.98	After	Left Exterior Girder	56.14	0.95	1	1	5.055483
HL93_str_inv	BOBJ1	179.98	After	Interior Girder 1	56.14	0.95	1	1	3.732727
HL93_str_inv	BOBJ1	179.98	After	Interior Girder 2	56.14	0.95	1	1	3.468903
HL93_str_inv	BOBJ1	179.98	After	Interior Girder 3	56.14	0.95	1	1	3.047532
HL93_str_inv	BOBJ1	179.98	After	Interior Girder 4	56.14	0.95	1	1	3.047532
HL93_str_inv	BOBJ1	179.98	After	Interior Girder 5	56.14	0.95	1	1	3.468903
HL93_str_inv	BOBJ1	179.98	After	Interior Girder 6	56.14	0.95	1	1	3.732727
HL93_str_inv	BOBJ1	179.98	After	Right Exterior Girder	56.14	0.95	1	1	5.055483
HL93_str_inv	BOBJ1	183.56	Before	Left Exterior Girder	59.72	0.95	1	1	5.015546
HL93_str_inv	BOBJ1	183.56	Before	Right Exterior Girder	59.72	0.95	1	1	5.015546
HL93_str_inv	BOBJ1	183.56	After	Left Exterior Girder	59.72	0.95	1	1	4.608326
HL93_str_inv	BOBJ1	183.56	After	Right Exterior Girder	59.72	0.95	1	1	4.608326
HL93_str_inv	BOBJ1	186.02	Before	Left Exterior Girder	62.18	0.95	1	1	4.578259
HL93_str_inv	BOBJ1	186.02	Before	Interior Girder 1	62.22	0.95	1	1	3.786465
HL93_str_inv	BOBJ1	186.02	Before	Interior Girder 2	62.22	0.95	1	1	3.40819
HL93_str_inv	BOBJ1	186.02	Before	Interior Girder 3	62.22	0.95	1	1	2.993399
HL93_str_inv	BOBJ1	186.02	Before	Interior Girder 4	62.22	0.95	1	1	2.993399
HL93_str_inv	BOBJ1	186.02	Before	Interior Girder 5	62.22	0.95	1	1	3.40819
HL93_str_inv	BOBJ1	186.02	Before	Interior Girder 6	62.22	0.95	1	1	3.786465
HL93_str_inv	BOBJ1	186.02	Before	Right Exterior Girder	62.18	0.95	1	1	4.578259
HL93_str_inv	BOBJ1	186.02	After	Left Exterior Girder	62.18	0.95	1	1	4.515798
HL93_str_inv	BOBJ1	186.02	After	Interior Girder 1	62.22	0.95	1	1	3.010957
HL93_str_inv	BOBJ1	186.02	After	Interior Girder 2	62.22	0.95	1	1	2.855962
HL93_str_inv	BOBJ1	186.02	After	Interior Girder 3	62.22	0.95	1	1	2.348522
HL93_str_inv	BOBJ1	186.02	After	Interior Girder 4	62.22	0.95	1	1	2.348522
HL93_str_inv	BOBJ1	186.02	After	Interior Girder 5	62.22	0.95	1	1	2.855962
HL93_str_inv	BOBJ1	186.02	After	Interior Girder 6	62.22	0.95	1	1	3.010957
HL93_str_inv	BOBJ1	186.02	After	Right Exterior Girder	62.18	0.95	1	1	4.515798
HL93_str_inv	BOBJ1	192.06	Before	Left Exterior Girder	68.22	0.95	1	1	4.441721
HL93_str_inv	BOBJ1	192.06	Before	Interior Girder 1	68.22	0.95	1	1	2.953557
HL93_str_inv	BOBJ1	192.06	Before	Interior Girder 2	68.22	0.95	1	1	2.801868
HL93_str_inv	BOBJ1	192.06	Before	Interior Girder 3	68.22	0.95	1	1	2.303109
HL93_str_inv	BOBJ1	192.06	Before	Interior Girder 4	68.22	0.95	1	1	2.303109
HL93_str_inv	BOBJ1	192.06	Before	Interior Girder 5	68.22	0.95	1	1	2.801868
HL93_str_inv	BOBJ1	192.06	Before	Interior Girder 6	68.22	0.95	1	1	2.953557
HL93_str_inv	BOBJ1	192.06	Before	Right Exterior Girder	68.22	0.95	1	1	4.441721
HL93_str_inv	BOBJ1	192.06	After	Left Exterior Girder	0	0.95	1	1	4.560401
HL93_str_inv	BOBJ1	192.06	After	Interior Girder 1	0	0.95	1	1	3.01583
HL93_str_inv	BOBJ1	192.06	After	Interior Girder 2	0	0.95	1	1	2.861676
HL93_str_inv	BOBJ1	192.06	After	Interior Girder 3	0	0.95	1	1	2.247275
HL93_str_inv	BOBJ1	192.06	After	Interior Girder 4	0	0.95	1	1	2.247275
HL93_str_inv	BOBJ1	192.06	After	Interior Girder 5	0	0.95	1	1	2.861676
HL93_str_inv	BOBJ1	192.06	After	Interior Girder 6	0	0.95	1	1	3.01583
HL93_str_inv	BOBJ1	192.06	After	Right Exterior Girder	0	0.95	1	1	4.560401
HL93_str_inv	BOBJ1	197.087	Before	Interior Girder 1	5.027	0.95	1	1	3.064971
HL93_str_inv	BOBJ1	197.087	Before	Interior Girder 2	5.027	0.95	1	1	2.907785
HL93_str_inv	BOBJ1	197.087	Before	Interior Girder 3	5.027	0.95	1	1	2.284769
HL93_str_inv	BOBJ1	197.087	Before	Interior Girder 4	5.027	0.95	1	1	2.284769
HL93_str_inv	BOBJ1	197.087	Before	Interior Girder 5	5.027	0.95	1	1	2.907785
HL93_str_inv	BOBJ1	197.087	Before	Interior Girder 6	5.027	0.95	1	1	3.064971
HL93_str_inv	BOBJ1	197.087	After	Interior Girder 1	5.027	0.95	1	1	3.007509
HL93_str_inv	BOBJ1	197.087	After	Interior Girder 2	5.027	0.95	1	1	3.311195
HL93_str_inv	BOBJ1	197.087	After	Interior Girder 3	5.027	0.95	1	1	2.696709
HL93_str_inv	BOBJ1	197.087	After	Interior Girder 4	5.027	0.95	1	1	2.696709
HL93_str_inv	BOBJ1	197.087	After	Interior Girder 5	5.027	0.95	1	1	3.311195
HL93_str_inv	BOBJ1	197.087	After	Interior Girder 6	5.027	0.95	1	1	3.007509
HL93_str_inv	BOBJ1	197.91	Before	Left Exterior Girder	5.85	0.95	1	1	4.35183

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Approach, Span 12-1									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
HL93_str_inv	BOBJ1	197.91	Before	Interior Girder 1	5.85	0.95	1	1	3.015111
HL93_str_inv	BOBJ1	197.91	Before	Interior Girder 2	5.85	0.95	1	1	3.3193
HL93_str_inv	BOBJ1	197.91	Before	Interior Girder 3	5.85	0.95	1	1	2.703521
HL93_str_inv	BOBJ1	197.91	Before	Interior Girder 4	5.85	0.95	1	1	2.703521
HL93_str_inv	BOBJ1	197.91	Before	Interior Girder 5	5.85	0.95	1	1	3.3193
HL93_str_inv	BOBJ1	197.91	Before	Interior Girder 6	5.85	0.95	1	1	3.015111
HL93_str_inv	BOBJ1	197.91	Before	Right Exterior Girder	5.85	0.95	1	1	4.35183
HL93_str_inv	BOBJ1	197.91	After	Left Exterior Girder	5.85	0.95	1	1	4.469049
HL93_str_inv	BOBJ1	197.91	After	Interior Girder 1	5.85	0.95	1	1	3.034458
HL93_str_inv	BOBJ1	197.91	After	Interior Girder 2	5.85	0.95	1	1	3.274484
HL93_str_inv	BOBJ1	197.91	After	Interior Girder 3	5.85	0.95	1	1	2.79714
HL93_str_inv	BOBJ1	197.91	After	Interior Girder 4	5.85	0.95	1	1	2.79714
HL93_str_inv	BOBJ1	197.91	After	Interior Girder 5	5.85	0.95	1	1	3.274484
HL93_str_inv	BOBJ1	197.91	After	Interior Girder 6	5.85	0.95	1	1	3.034458
HL93_str_inv	BOBJ1	197.91	After	Right Exterior Girder	5.85	0.95	1	1	4.469049
HL93_str_inv	BOBJ1	199.1816	Before	Left Exterior Girder	7.1216	0.95	1	1	4.484618
HL93_str_inv	BOBJ1	199.1816	Before	Right Exterior Girder	7.1216	0.95	1	1	4.484618
HL93_str_inv	BOBJ1	199.1816	After	Left Exterior Girder	7.1216	0.95	1	1	5.32138
HL93_str_inv	BOBJ1	199.1816	After	Right Exterior Girder	7.1216	0.95	1	1	5.32138
HL93_str_inv	BOBJ1	203.5267	Before	Left Exterior Girder	11.3107	0.95	1	1	5.376176
HL93_str_inv	BOBJ1	203.5267	Before	Interior Girder 1	11.3107	0.95	1	1	3.530724
HL93_str_inv	BOBJ1	203.5267	Before	Interior Girder 2	11.3107	0.95	1	1	3.329344
HL93_str_inv	BOBJ1	203.5267	Before	Interior Girder 3	11.3107	0.95	1	1	2.844556
HL93_str_inv	BOBJ1	203.5267	Before	Interior Girder 4	11.3107	0.95	1	1	2.844556
HL93_str_inv	BOBJ1	203.5267	Before	Interior Girder 5	11.3107	0.95	1	1	3.329344
HL93_str_inv	BOBJ1	203.5267	Before	Interior Girder 6	11.3107	0.95	1	1	3.530724
HL93_str_inv	BOBJ1	203.5267	Before	Right Exterior Girder	11.3107	0.95	1	1	5.376176
HL93_str_inv	BOBJ1	203.5267	After	Left Exterior Girder	11.3107	0.95	1	1	7.209258
HL93_str_inv	BOBJ1	203.5267	After	Interior Girder 1	11.3107	0.95	1	1	5.042175
HL93_str_inv	BOBJ1	203.5267	After	Interior Girder 2	11.3107	0.95	1	1	4.663671
HL93_str_inv	BOBJ1	203.5267	After	Interior Girder 3	11.3107	0.95	1	1	4.166264
HL93_str_inv	BOBJ1	203.5267	After	Interior Girder 4	11.3107	0.95	1	1	4.166264
HL93_str_inv	BOBJ1	203.5267	After	Interior Girder 5	11.3107	0.95	1	1	4.663671
HL93_str_inv	BOBJ1	203.5267	After	Interior Girder 6	11.3107	0.95	1	1	5.042175
HL93_str_inv	BOBJ1	203.5267	After	Right Exterior Girder	11.3107	0.95	1	1	7.209258
HL93_str_inv	BOBJ1	209.1433	Before	Left Exterior Girder	17.0833	0.95	1	1	7.293427
HL93_str_inv	BOBJ1	209.1433	Before	Interior Girder 1	17.0833	0.95	1	1	5.119467
HL93_str_inv	BOBJ1	209.1433	Before	Interior Girder 2	17.0833	0.95	1	1	4.734748
HL93_str_inv	BOBJ1	209.1433	Before	Interior Girder 3	17.0833	0.95	1	1	4.230216
HL93_str_inv	BOBJ1	209.1433	Before	Interior Girder 4	17.0833	0.95	1	1	4.230216
HL93_str_inv	BOBJ1	209.1433	Before	Interior Girder 5	17.0833	0.95	1	1	4.734748
HL93_str_inv	BOBJ1	209.1433	Before	Interior Girder 6	17.0833	0.95	1	1	5.119467
HL93_str_inv	BOBJ1	209.1433	Before	Right Exterior Girder	17.0833	0.95	1	1	7.293427
HL93_str_inv	BOBJ1	209.1433	After	Left Exterior Girder	17.0833	0.95	1	1	8.743469
HL93_str_inv	BOBJ1	209.1433	After	Interior Girder 1	17.0833	0.95	1	1	6.42308
HL93_str_inv	BOBJ1	209.1433	After	Interior Girder 2	17.0833	0.95	1	1	5.865548
HL93_str_inv	BOBJ1	209.1433	After	Interior Girder 3	17.0833	0.95	1	1	5.382624
HL93_str_inv	BOBJ1	209.1433	After	Interior Girder 4	17.0833	0.95	1	1	5.382624
HL93_str_inv	BOBJ1	209.1433	After	Interior Girder 5	17.0833	0.95	1	1	5.865548
HL93_str_inv	BOBJ1	209.1433	After	Interior Girder 6	17.0833	0.95	1	1	6.42308
HL93_str_inv	BOBJ1	209.1433	After	Right Exterior Girder	17.0833	0.95	1	1	8.743469
HL93_str_inv	BOBJ1	214.76	Before	Left Exterior Girder	22.7	0.95	1	1	8.842335
HL93_str_inv	BOBJ1	214.76	Before	Interior Girder 1	22.7	0.95	1	1	6.519654
HL93_str_inv	BOBJ1	214.76	Before	Interior Girder 2	22.7	0.95	1	1	5.9532
HL93_str_inv	BOBJ1	214.76	Before	Interior Girder 3	22.7	0.95	1	1	5.463507
HL93_str_inv	BOBJ1	214.76	Before	Interior Girder 4	22.7	0.95	1	1	5.463507
HL93_str_inv	BOBJ1	214.76	Before	Interior Girder 5	22.7	0.95	1	1	5.9532
HL93_str_inv	BOBJ1	214.76	Before	Interior Girder 6	22.7	0.95	1	1	6.519654
HL93_str_inv	BOBJ1	214.76	Before	Right Exterior Girder	22.7	0.95	1	1	8.842335
HL93_str_inv	BOBJ1	214.76	After	Left Exterior Girder	22.7	0.95	1	1	13.463469
HL93_str_inv	BOBJ1	214.76	After	Interior Girder 1	22.7	0.95	1	1	6.926356
HL93_str_inv	BOBJ1	214.76	After	Interior Girder 2	22.7	0.95	1	1	6.334036
HL93_str_inv	BOBJ1	214.76	After	Interior Girder 3	22.7	0.95	1	1	5.426428
HL93_str_inv	BOBJ1	214.76	After	Interior Girder 4	22.7	0.95	1	1	5.426428
HL93_str_inv	BOBJ1	214.76	After	Interior Girder 5	22.7	0.95	1	1	6.334036

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Approach, Span 12-1									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
HL93_str_inv	BOBJ1	214.76	After	Interior Girder 6	22.7	0.95	1	1	6.926356
HL93_str_inv	BOBJ1	214.76	After	Right Exterior Girder	22.7	0.95	1	1	13.463469
HL93_str_inv	BOBJ1	220.3767	Before	Left Exterior Girder	28.3167	0.95	1	1	13.611377
HL93_str_inv	BOBJ1	220.3767	Before	Interior Girder 1	28.3167	0.95	1	1	7.028092
HL93_str_inv	BOBJ1	220.3767	Before	Interior Girder 2	28.3167	0.95	1	1	6.426989
HL93_str_inv	BOBJ1	220.3767	Before	Interior Girder 3	28.3167	0.95	1	1	5.506125
HL93_str_inv	BOBJ1	220.3767	Before	Interior Girder 4	28.3167	0.95	1	1	5.506125
HL93_str_inv	BOBJ1	220.3767	Before	Interior Girder 5	28.3167	0.95	1	1	6.426989
HL93_str_inv	BOBJ1	220.3767	Before	Interior Girder 6	28.3167	0.95	1	1	7.028092
HL93_str_inv	BOBJ1	220.3767	Before	Right Exterior Girder	28.3167	0.95	1	1	13.611377
HL93_str_inv	BOBJ1	220.3767	After	Left Exterior Girder	28.3167	0.95	1	1	18.461774
HL93_str_inv	BOBJ1	220.3767	After	Interior Girder 1	28.3167	0.95	1	1	9.398573
HL93_str_inv	BOBJ1	220.3767	After	Interior Girder 2	28.3167	0.95	1	1	8.51318
HL93_str_inv	BOBJ1	220.3767	After	Interior Girder 3	28.3167	0.95	1	1	7.240746
HL93_str_inv	BOBJ1	220.3767	After	Interior Girder 4	28.3167	0.95	1	1	7.240746
HL93_str_inv	BOBJ1	220.3767	After	Interior Girder 5	28.3167	0.95	1	1	8.51318
HL93_str_inv	BOBJ1	220.3767	After	Interior Girder 6	28.3167	0.95	1	1	9.398573
HL93_str_inv	BOBJ1	220.3767	After	Right Exterior Girder	28.3167	0.95	1	1	18.461774
HL93_str_inv	BOBJ1	225.9933	Before	Left Exterior Girder	33.9333	0.95	1	1	18.658628
HL93_str_inv	BOBJ1	225.9933	Before	Interior Girder 1	33.9333	0.95	1	1	9.534032
HL93_str_inv	BOBJ1	225.9933	Before	Interior Girder 2	33.9333	0.95	1	1	8.63573
HL93_str_inv	BOBJ1	225.9933	Before	Interior Girder 3	33.9333	0.95	1	1	7.344985
HL93_str_inv	BOBJ1	225.9933	Before	Interior Girder 4	33.9333	0.95	1	1	7.344985
HL93_str_inv	BOBJ1	225.9933	Before	Interior Girder 5	33.9333	0.95	1	1	8.63573
HL93_str_inv	BOBJ1	225.9933	Before	Interior Girder 6	33.9333	0.95	1	1	9.534032
HL93_str_inv	BOBJ1	225.9933	Before	Right Exterior Girder	33.9333	0.95	1	1	18.658628
HL93_str_inv	BOBJ1	225.9933	After	Left Exterior Girder	33.9333	0.95	1	1	17.089589
HL93_str_inv	BOBJ1	225.9933	After	Interior Girder 1	33.9333	0.95	1	1	8.295336
HL93_str_inv	BOBJ1	225.9933	After	Interior Girder 2	33.9333	0.95	1	1	7.528226
HL93_str_inv	BOBJ1	225.9933	After	Interior Girder 3	33.9333	0.95	1	1	6.479351
HL93_str_inv	BOBJ1	225.9933	After	Interior Girder 4	33.9333	0.95	1	1	6.479351
HL93_str_inv	BOBJ1	225.9933	After	Interior Girder 5	33.9333	0.95	1	1	7.528226
HL93_str_inv	BOBJ1	225.9933	After	Interior Girder 6	33.9333	0.95	1	1	8.295336
HL93_str_inv	BOBJ1	225.9933	After	Right Exterior Girder	33.9333	0.95	1	1	17.089589
HL93_str_inv	BOBJ1	231.61	Before	Left Exterior Girder	39.55	0.95	1	1	16.911452
HL93_str_inv	BOBJ1	231.61	Before	Interior Girder 1	39.55	0.95	1	1	8.17854
HL93_str_inv	BOBJ1	231.61	Before	Interior Girder 2	39.55	0.95	1	1	7.422088
HL93_str_inv	BOBJ1	231.61	Before	Interior Girder 3	39.55	0.95	1	1	6.387957
HL93_str_inv	BOBJ1	231.61	Before	Interior Girder 4	39.55	0.95	1	1	6.387957
HL93_str_inv	BOBJ1	231.61	Before	Interior Girder 5	39.55	0.95	1	1	7.422088
HL93_str_inv	BOBJ1	231.61	Before	Interior Girder 6	39.55	0.95	1	1	8.17854
HL93_str_inv	BOBJ1	231.61	Before	Right Exterior Girder	39.55	0.95	1	1	16.911452
HL93_str_inv	BOBJ1	231.61	After	Left Exterior Girder	39.55	0.95	1	1	10.519066
HL93_str_inv	BOBJ1	231.61	After	Interior Girder 1	39.55	0.95	1	1	7.743541
HL93_str_inv	BOBJ1	231.61	After	Interior Girder 2	39.55	0.95	1	1	7.02915
HL93_str_inv	BOBJ1	231.61	After	Interior Girder 3	39.55	0.95	1	1	6.666219
HL93_str_inv	BOBJ1	231.61	After	Interior Girder 4	39.55	0.95	1	1	6.666219
HL93_str_inv	BOBJ1	231.61	After	Interior Girder 5	39.55	0.95	1	1	7.02915
HL93_str_inv	BOBJ1	231.61	After	Interior Girder 6	39.55	0.95	1	1	7.743541
HL93_str_inv	BOBJ1	231.61	After	Right Exterior Girder	39.55	0.95	1	1	10.519066
HL93_str_inv	BOBJ1	237.37	Before	Left Exterior Girder	45.31	0.95	1	1	10.40363
HL93_str_inv	BOBJ1	237.37	Before	Interior Girder 1	45.31	0.95	1	1	7.628988
HL93_str_inv	BOBJ1	237.37	Before	Interior Girder 2	45.31	0.95	1	1	6.92566
HL93_str_inv	BOBJ1	237.37	Before	Interior Girder 3	45.31	0.95	1	1	6.567755
HL93_str_inv	BOBJ1	237.37	Before	Interior Girder 4	45.31	0.95	1	1	6.567755
HL93_str_inv	BOBJ1	237.37	Before	Interior Girder 5	45.31	0.95	1	1	6.92566
HL93_str_inv	BOBJ1	237.37	Before	Interior Girder 6	45.31	0.95	1	1	7.628988
HL93_str_inv	BOBJ1	237.37	Before	Right Exterior Girder	45.31	0.95	1	1	10.40363
HL93_str_inv	BOBJ1	237.37	After	Left Exterior Girder	45.31	0.95	1	1	8.502836
HL93_str_inv	BOBJ1	237.37	After	Interior Girder 1	45.31	0.95	1	1	5.821898
HL93_str_inv	BOBJ1	237.37	After	Interior Girder 2	45.31	0.95	1	1	5.348552
HL93_str_inv	BOBJ1	237.37	After	Interior Girder 3	45.31	0.95	1	1	4.9361
HL93_str_inv	BOBJ1	237.37	After	Interior Girder 4	45.31	0.95	1	1	4.9361
HL93_str_inv	BOBJ1	237.37	After	Interior Girder 5	45.31	0.95	1	1	5.348552
HL93_str_inv	BOBJ1	237.37	After	Interior Girder 6	45.31	0.95	1	1	5.821898

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Approach, Span 12-1									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
HL93_str_inv	BOBJ1	237.37	After	Right Exterior Girder	45.31	0.95	1	1	8.502836
HL93_str_inv	BOBJ1	243.13	Before	Left Exterior Girder	51.07	0.95	1	1	8.406658
HL93_str_inv	BOBJ1	243.13	Before	Interior Girder 1	51.07	0.95	1	1	5.734044
HL93_str_inv	BOBJ1	243.13	Before	Interior Girder 2	51.07	0.95	1	1	5.268239
HL93_str_inv	BOBJ1	243.13	Before	Interior Girder 3	51.07	0.95	1	1	4.861679
HL93_str_inv	BOBJ1	243.13	Before	Interior Girder 4	51.07	0.95	1	1	4.861679
HL93_str_inv	BOBJ1	243.13	Before	Interior Girder 5	51.07	0.95	1	1	5.268239
HL93_str_inv	BOBJ1	243.13	Before	Interior Girder 6	51.07	0.95	1	1	5.734044
HL93_str_inv	BOBJ1	243.13	Before	Right Exterior Girder	51.07	0.95	1	1	8.406658
HL93_str_inv	BOBJ1	243.13	After	Left Exterior Girder	51.07	0.95	1	1	7.231133
HL93_str_inv	BOBJ1	243.13	After	Interior Girder 1	51.07	0.95	1	1	4.392887
HL93_str_inv	BOBJ1	243.13	After	Interior Girder 2	51.07	0.95	1	1	4.143754
HL93_str_inv	BOBJ1	243.13	After	Interior Girder 3	51.07	0.95	1	1	3.598195
HL93_str_inv	BOBJ1	243.13	After	Interior Girder 4	51.07	0.95	1	1	3.598195
HL93_str_inv	BOBJ1	243.13	After	Interior Girder 5	51.07	0.95	1	1	4.143754
HL93_str_inv	BOBJ1	243.13	After	Interior Girder 6	51.07	0.95	1	1	4.392887
HL93_str_inv	BOBJ1	243.13	After	Right Exterior Girder	51.07	0.95	1	1	7.231133
HL93_str_inv	BOBJ1	248.89	Before	Left Exterior Girder	56.83	0.95	1	1	7.146589
HL93_str_inv	BOBJ1	248.89	Before	Interior Girder 1	56.83	0.95	1	1	4.325403
HL93_str_inv	BOBJ1	248.89	Before	Interior Girder 2	56.83	0.95	1	1	4.080245
HL93_str_inv	BOBJ1	248.89	Before	Interior Girder 3	56.83	0.95	1	1	3.542783
HL93_str_inv	BOBJ1	248.89	Before	Interior Girder 4	56.83	0.95	1	1	3.542783
HL93_str_inv	BOBJ1	248.89	Before	Interior Girder 5	56.83	0.95	1	1	4.080245
HL93_str_inv	BOBJ1	248.89	Before	Interior Girder 6	56.83	0.95	1	1	4.325403
HL93_str_inv	BOBJ1	248.89	Before	Right Exterior Girder	56.83	0.95	1	1	7.146589
HS20_str_opr	BOBJ1	0	After	Left Exterior Girder	0	0.95	1	1	10.808826
HS20_str_opr	BOBJ1	0	After	Interior Girder 1	0	0.95	1	1	7.424658
HS20_str_opr	BOBJ1	0	After	Interior Girder 2	0	0.95	1	1	6.831583
HS20_str_opr	BOBJ1	0	After	Interior Girder 3	0	0.95	1	1	5.966443
HS20_str_opr	BOBJ1	0	After	Interior Girder 4	0	0.95	1	1	5.966443
HS20_str_opr	BOBJ1	0	After	Interior Girder 5	0	0.95	1	1	6.831583
HS20_str_opr	BOBJ1	0	After	Interior Girder 6	0	0.95	1	1	7.424658
HS20_str_opr	BOBJ1	0	After	Right Exterior Girder	0	0.95	1	1	10.808826
HS20_str_opr	BOBJ1	5.85	Before	Left Exterior Girder	5.85	0.95	1	1	10.92807
HS20_str_opr	BOBJ1	5.85	Before	Interior Girder 1	5.85	0.95	1	1	7.534837
HS20_str_opr	BOBJ1	5.85	Before	Interior Girder 2	5.85	0.95	1	1	6.932318
HS20_str_opr	BOBJ1	5.85	Before	Interior Girder 3	5.85	0.95	1	1	6.055061
HS20_str_opr	BOBJ1	5.85	Before	Interior Girder 4	5.85	0.95	1	1	6.055061
HS20_str_opr	BOBJ1	5.85	Before	Interior Girder 5	5.85	0.95	1	1	6.932318
HS20_str_opr	BOBJ1	5.85	Before	Interior Girder 6	5.85	0.95	1	1	7.534837
HS20_str_opr	BOBJ1	5.85	Before	Right Exterior Girder	5.85	0.95	1	1	10.92807
HS20_str_opr	BOBJ1	5.85	After	Left Exterior Girder	5.85	0.95	1	1	14.001779
HS20_str_opr	BOBJ1	5.85	After	Interior Girder 1	5.85	0.95	1	1	8.742311
HS20_str_opr	BOBJ1	5.85	After	Interior Girder 2	5.85	0.95	1	1	8.07039
HS20_str_opr	BOBJ1	5.85	After	Interior Girder 3	5.85	0.95	1	1	7.145599
HS20_str_opr	BOBJ1	5.85	After	Interior Girder 4	5.85	0.95	1	1	7.145599
HS20_str_opr	BOBJ1	5.85	After	Interior Girder 5	5.85	0.95	1	1	8.07039
HS20_str_opr	BOBJ1	5.85	After	Interior Girder 6	5.85	0.95	1	1	8.742311
HS20_str_opr	BOBJ1	5.85	After	Right Exterior Girder	5.85	0.95	1	1	14.001779
HS20_str_opr	BOBJ1	11.4667	Before	Left Exterior Girder	11.4667	0.95	1	1	14.145554
HS20_str_opr	BOBJ1	11.4667	Before	Interior Girder 1	11.4667	0.95	1	1	8.864236
HS20_str_opr	BOBJ1	11.4667	Before	Interior Girder 2	11.4667	0.95	1	1	8.182691
HS20_str_opr	BOBJ1	11.4667	Before	Interior Girder 3	11.4667	0.95	1	1	7.245184
HS20_str_opr	BOBJ1	11.4667	Before	Interior Girder 4	11.4667	0.95	1	1	7.245184
HS20_str_opr	BOBJ1	11.4667	Before	Interior Girder 5	11.4667	0.95	1	1	8.182691
HS20_str_opr	BOBJ1	11.4667	Before	Interior Girder 6	11.4667	0.95	1	1	8.864236
HS20_str_opr	BOBJ1	11.4667	Before	Right Exterior Girder	11.4667	0.95	1	1	14.145554
HS20_str_opr	BOBJ1	11.4667	After	Left Exterior Girder	11.4667	0.95	1	1	17.443748
HS20_str_opr	BOBJ1	11.4667	After	Interior Girder 1	11.4667	0.95	1	1	11.508822
HS20_str_opr	BOBJ1	11.4667	After	Interior Girder 2	11.4667	0.95	1	1	10.511968
HS20_str_opr	BOBJ1	11.4667	After	Interior Girder 3	11.4667	0.95	1	1	9.507167
HS20_str_opr	BOBJ1	11.4667	After	Interior Girder 4	11.4667	0.95	1	1	9.507167
HS20_str_opr	BOBJ1	11.4667	After	Interior Girder 5	11.4667	0.95	1	1	10.511968
HS20_str_opr	BOBJ1	11.4667	After	Interior Girder 6	11.4667	0.95	1	1	11.508822
HS20_str_opr	BOBJ1	11.4667	After	Right Exterior Girder	11.4667	0.95	1	1	17.443748

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Approach, Span 12-1									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
HS20_str_opr	BOBJ1	17.0833	Before	Left Exterior Girder	17.0833	0.95	1	1	17.617752
HS20_str_opr	BOBJ1	17.0833	Before	Interior Girder 1	17.0833	0.95	1	1	11.666455
HS20_str_opr	BOBJ1	17.0833	Before	Interior Girder 2	17.0833	0.95	1	1	10.655574
HS20_str_opr	BOBJ1	17.0833	Before	Interior Girder 3	17.0833	0.95	1	1	9.637147
HS20_str_opr	BOBJ1	17.0833	Before	Interior Girder 4	17.0833	0.95	1	1	9.637147
HS20_str_opr	BOBJ1	17.0833	Before	Interior Girder 5	17.0833	0.95	1	1	10.655574
HS20_str_opr	BOBJ1	17.0833	Before	Interior Girder 6	17.0833	0.95	1	1	11.666455
HS20_str_opr	BOBJ1	17.0833	Before	Right Exterior Girder	17.0833	0.95	1	1	17.617752
HS20_str_opr	BOBJ1	17.0833	After	Left Exterior Girder	17.0833	0.95	1	1	22.509907
HS20_str_opr	BOBJ1	17.0833	After	Interior Girder 1	17.0833	0.95	1	1	15.548919
HS20_str_opr	BOBJ1	17.0833	After	Interior Girder 2	17.0833	0.95	1	1	14.147733
HS20_str_opr	BOBJ1	17.0833	After	Interior Girder 3	17.0833	0.95	1	1	12.794119
HS20_str_opr	BOBJ1	17.0833	After	Interior Girder 4	17.0833	0.95	1	1	12.794119
HS20_str_opr	BOBJ1	17.0833	After	Interior Girder 5	17.0833	0.95	1	1	14.147733
HS20_str_opr	BOBJ1	17.0833	After	Interior Girder 6	17.0833	0.95	1	1	15.548919
HS20_str_opr	BOBJ1	17.0833	After	Right Exterior Girder	17.0833	0.95	1	1	22.509907
HS20_str_opr	BOBJ1	22.7	Before	Left Exterior Girder	22.7	0.95	1	1	22.728308
HS20_str_opr	BOBJ1	22.7	Before	Interior Girder 1	22.7	0.95	1	1	15.758042
HS20_str_opr	BOBJ1	22.7	Before	Interior Girder 2	22.7	0.95	1	1	14.337508
HS20_str_opr	BOBJ1	22.7	Before	Interior Girder 3	22.7	0.95	1	1	12.690328
HS20_str_opr	BOBJ1	22.7	Before	Interior Girder 4	22.7	0.95	1	1	12.690328
HS20_str_opr	BOBJ1	22.7	Before	Interior Girder 5	22.7	0.95	1	1	14.337508
HS20_str_opr	BOBJ1	22.7	Before	Interior Girder 6	22.7	0.95	1	1	15.758042
HS20_str_opr	BOBJ1	22.7	Before	Right Exterior Girder	22.7	0.95	1	1	22.728308
HS20_str_opr	BOBJ1	22.7	After	Left Exterior Girder	22.7	0.95	1	1	27.484374
HS20_str_opr	BOBJ1	22.7	After	Interior Girder 1	22.7	0.95	1	1	15.666434
HS20_str_opr	BOBJ1	22.7	After	Interior Girder 2	22.7	0.95	1	1	13.68774
HS20_str_opr	BOBJ1	22.7	After	Interior Girder 3	22.7	0.95	1	1	11.544418
HS20_str_opr	BOBJ1	22.7	After	Interior Girder 4	22.7	0.95	1	1	11.544418
HS20_str_opr	BOBJ1	22.7	After	Interior Girder 5	22.7	0.95	1	1	13.68774
HS20_str_opr	BOBJ1	22.7	After	Interior Girder 6	22.7	0.95	1	1	15.666434
HS20_str_opr	BOBJ1	22.7	After	Right Exterior Girder	22.7	0.95	1	1	27.484374
HS20_str_opr	BOBJ1	28.3167	Before	Left Exterior Girder	28.3167	0.95	1	1	27.216062
HS20_str_opr	BOBJ1	28.3167	Before	Interior Girder 1	28.3167	0.95	1	1	15.872082
HS20_str_opr	BOBJ1	28.3167	Before	Interior Girder 2	28.3167	0.95	1	1	13.868082
HS20_str_opr	BOBJ1	28.3167	Before	Interior Girder 3	28.3167	0.95	1	1	11.696423
HS20_str_opr	BOBJ1	28.3167	Before	Interior Girder 4	28.3167	0.95	1	1	11.696423
HS20_str_opr	BOBJ1	28.3167	Before	Interior Girder 5	28.3167	0.95	1	1	13.868082
HS20_str_opr	BOBJ1	28.3167	Before	Interior Girder 6	28.3167	0.95	1	1	15.872082
HS20_str_opr	BOBJ1	28.3167	Before	Right Exterior Girder	28.3167	0.95	1	1	27.216062
HS20_str_opr	BOBJ1	28.3167	After	Left Exterior Girder	28.3167	0.95	1	1	20.098328
HS20_str_opr	BOBJ1	28.3167	After	Interior Girder 1	28.3167	0.95	1	1	12.137165
HS20_str_opr	BOBJ1	28.3167	After	Interior Girder 2	28.3167	0.95	1	1	11.067365
HS20_str_opr	BOBJ1	28.3167	After	Interior Girder 3	28.3167	0.95	1	1	9.477127
HS20_str_opr	BOBJ1	28.3167	After	Interior Girder 4	28.3167	0.95	1	1	9.477127
HS20_str_opr	BOBJ1	28.3167	After	Interior Girder 5	28.3167	0.95	1	1	11.067365
HS20_str_opr	BOBJ1	28.3167	After	Interior Girder 6	28.3167	0.95	1	1	12.137165
HS20_str_opr	BOBJ1	28.3167	After	Right Exterior Girder	28.3167	0.95	1	1	20.098328
HS20_str_opr	BOBJ1	33.9333	Before	Left Exterior Girder	33.9333	0.95	1	1	19.896547
HS20_str_opr	BOBJ1	33.9333	Before	Interior Girder 1	33.9333	0.95	1	1	11.971809
HS20_str_opr	BOBJ1	33.9333	Before	Interior Girder 2	33.9333	0.95	1	1	10.917128
HS20_str_opr	BOBJ1	33.9333	Before	Interior Girder 3	33.9333	0.95	1	1	9.348337
HS20_str_opr	BOBJ1	33.9333	Before	Interior Girder 4	33.9333	0.95	1	1	9.348337
HS20_str_opr	BOBJ1	33.9333	Before	Interior Girder 5	33.9333	0.95	1	1	10.917128
HS20_str_opr	BOBJ1	33.9333	Before	Interior Girder 6	33.9333	0.95	1	1	11.971809
HS20_str_opr	BOBJ1	33.9333	Before	Right Exterior Girder	33.9333	0.95	1	1	19.896547
HS20_str_opr	BOBJ1	33.9333	After	Left Exterior Girder	33.9333	0.95	1	1	15.475883
HS20_str_opr	BOBJ1	33.9333	After	Interior Girder 1	33.9333	0.95	1	1	9.240796
HS20_str_opr	BOBJ1	33.9333	After	Interior Girder 2	33.9333	0.95	1	1	8.468453
HS20_str_opr	BOBJ1	33.9333	After	Interior Girder 3	33.9333	0.95	1	1	7.262703
HS20_str_opr	BOBJ1	33.9333	After	Interior Girder 4	33.9333	0.95	1	1	7.262703
HS20_str_opr	BOBJ1	33.9333	After	Interior Girder 5	33.9333	0.95	1	1	8.468453
HS20_str_opr	BOBJ1	33.9333	After	Interior Girder 6	33.9333	0.95	1	1	9.240796
HS20_str_opr	BOBJ1	33.9333	After	Right Exterior Girder	33.9333	0.95	1	1	15.475883
HS20_str_opr	BOBJ1	39.55	Before	Left Exterior Girder	39.55	0.95	1	1	15.315887

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Approach, Span 12-1									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
HS20_str_opr	BOBJ1	39.55	Before	Interior Girder 1	39.55	0.95	1	1	9.112646
HS20_str_opr	BOBJ1	39.55	Before	Interior Girder 2	39.55	0.95	1	1	8.351385
HS20_str_opr	BOBJ1	39.55	Before	Interior Girder 3	39.55	0.95	1	1	7.162086
HS20_str_opr	BOBJ1	39.55	Before	Interior Girder 4	39.55	0.95	1	1	7.162086
HS20_str_opr	BOBJ1	39.55	Before	Interior Girder 5	39.55	0.95	1	1	8.351385
HS20_str_opr	BOBJ1	39.55	Before	Interior Girder 6	39.55	0.95	1	1	9.112646
HS20_str_opr	BOBJ1	39.55	Before	Right Exterior Girder	39.55	0.95	1	1	15.315887
HS20_str_opr	BOBJ1	39.55	After	Left Exterior Girder	39.55	0.95	1	1	11.316033
HS20_str_opr	BOBJ1	39.55	After	Interior Girder 1	39.55	0.95	1	1	8.688721
HS20_str_opr	BOBJ1	39.55	After	Interior Girder 2	39.55	0.95	1	1	7.911518
HS20_str_opr	BOBJ1	39.55	After	Interior Girder 3	39.55	0.95	1	1	7.117567
HS20_str_opr	BOBJ1	39.55	After	Interior Girder 4	39.55	0.95	1	1	7.117567
HS20_str_opr	BOBJ1	39.55	After	Interior Girder 5	39.55	0.95	1	1	7.911518
HS20_str_opr	BOBJ1	39.55	After	Interior Girder 6	39.55	0.95	1	1	8.688721
HS20_str_opr	BOBJ1	39.55	After	Right Exterior Girder	39.55	0.95	1	1	11.316033
HS20_str_opr	BOBJ1	45.1733	Before	Left Exterior Girder	45.1226	0.95	1	1	11.195311
HS20_str_opr	BOBJ1	45.1733	Before	Interior Girder 1	45.1226	0.95	1	1	8.565639
HS20_str_opr	BOBJ1	45.1733	Before	Interior Girder 2	45.1226	0.95	1	1	7.800281
HS20_str_opr	BOBJ1	45.1733	Before	Interior Girder 3	45.1226	0.95	1	1	7.016493
HS20_str_opr	BOBJ1	45.1733	Before	Interior Girder 4	45.1226	0.95	1	1	7.016493
HS20_str_opr	BOBJ1	45.1733	Before	Interior Girder 5	45.1226	0.95	1	1	7.800281
HS20_str_opr	BOBJ1	45.1733	Before	Interior Girder 6	45.1226	0.95	1	1	8.565639
HS20_str_opr	BOBJ1	45.1733	Before	Right Exterior Girder	45.1226	0.95	1	1	11.195311
HS20_str_opr	BOBJ1	45.1733	After	Left Exterior Girder	45.1226	0.95	1	1	8.224441
HS20_str_opr	BOBJ1	45.1733	After	Interior Girder 1	45.1226	0.95	1	1	5.797768
HS20_str_opr	BOBJ1	45.1733	After	Interior Girder 2	45.1226	0.95	1	1	5.35922
HS20_str_opr	BOBJ1	45.1733	After	Interior Girder 3	45.1226	0.95	1	1	4.593283
HS20_str_opr	BOBJ1	45.1733	After	Interior Girder 4	45.1226	0.95	1	1	4.593283
HS20_str_opr	BOBJ1	45.1733	After	Interior Girder 5	45.1226	0.95	1	1	5.35922
HS20_str_opr	BOBJ1	45.1733	After	Interior Girder 6	45.1226	0.95	1	1	5.797768
HS20_str_opr	BOBJ1	45.1733	After	Right Exterior Girder	45.1226	0.95	1	1	8.224441
HS20_str_opr	BOBJ1	49.2561	Before	Left Exterior Girder	49.2561	0.95	1	1	8.148371
HS20_str_opr	BOBJ1	49.2561	Before	Right Exterior Girder	49.2561	0.95	1	1	8.148371
HS20_str_opr	BOBJ1	49.2561	After	Left Exterior Girder	49.2561	0.95	1	1	6.975479
HS20_str_opr	BOBJ1	49.2561	After	Right Exterior Girder	49.2561	0.95	1	1	6.975479
HS20_str_opr	BOBJ1	50.7967	Before	Left Exterior Girder	50.7967	0.95	1	1	6.948007
HS20_str_opr	BOBJ1	50.7967	Before	Interior Girder 1	50.7967	0.95	1	1	4.759282
HS20_str_opr	BOBJ1	50.7967	Before	Interior Girder 2	50.7967	0.95	1	1	5.271112
HS20_str_opr	BOBJ1	50.7967	Before	Interior Girder 3	50.7967	0.95	1	1	4.516612
HS20_str_opr	BOBJ1	50.7967	Before	Interior Girder 4	50.7967	0.95	1	1	4.516612
HS20_str_opr	BOBJ1	50.7967	Before	Interior Girder 5	50.7967	0.95	1	1	5.271112
HS20_str_opr	BOBJ1	50.7967	Before	Interior Girder 6	50.7967	0.95	1	1	4.759282
HS20_str_opr	BOBJ1	50.7967	Before	Right Exterior Girder	50.7967	0.95	1	1	6.948007
HS20_str_opr	BOBJ1	50.7967	After	Left Exterior Girder	50.7967	0.95	1	1	7.072233
HS20_str_opr	BOBJ1	50.7967	After	Interior Girder 1	50.7967	0.95	1	1	4.100828
HS20_str_opr	BOBJ1	50.7967	After	Interior Girder 2	50.7967	0.95	1	1	4.187637
HS20_str_opr	BOBJ1	50.7967	After	Interior Girder 3	50.7967	0.95	1	1	3.350038
HS20_str_opr	BOBJ1	50.7967	After	Interior Girder 4	50.7967	0.95	1	1	3.350038
HS20_str_opr	BOBJ1	50.7967	After	Interior Girder 5	50.7967	0.95	1	1	4.187637
HS20_str_opr	BOBJ1	50.7967	After	Interior Girder 6	50.7967	0.95	1	1	4.100828
HS20_str_opr	BOBJ1	50.7967	After	Right Exterior Girder	50.7967	0.95	1	1	7.072233
HS20_str_opr	BOBJ1	51.3989	Before	Interior Girder 1	51.3989	0.95	1	1	4.093227
HS20_str_opr	BOBJ1	51.3989	Before	Interior Girder 2	51.3989	0.95	1	1	4.180124
HS20_str_opr	BOBJ1	51.3989	Before	Interior Girder 3	51.3989	0.95	1	1	3.343909
HS20_str_opr	BOBJ1	51.3989	Before	Interior Girder 4	51.3989	0.95	1	1	3.343909
HS20_str_opr	BOBJ1	51.3989	Before	Interior Girder 5	51.3989	0.95	1	1	4.180124
HS20_str_opr	BOBJ1	51.3989	Before	Interior Girder 6	51.3989	0.95	1	1	4.093227
HS20_str_opr	BOBJ1	51.3989	After	Interior Girder 1	51.3989	0.95	1	1	4.716699
HS20_str_opr	BOBJ1	51.3989	After	Interior Girder 2	51.3989	0.95	1	1	4.403892
HS20_str_opr	BOBJ1	51.3989	After	Interior Girder 3	51.3989	0.95	1	1	3.580325
HS20_str_opr	BOBJ1	51.3989	After	Interior Girder 4	51.3989	0.95	1	1	3.580325
HS20_str_opr	BOBJ1	51.3989	After	Interior Girder 5	51.3989	0.95	1	1	4.403892
HS20_str_opr	BOBJ1	51.3989	After	Interior Girder 6	51.3989	0.95	1	1	4.716699
HS20_str_opr	BOBJ1	56.42	Before	Left Exterior Girder	56.42	0.95	1	1	7.305963
HS20_str_opr	BOBJ1	56.42	Before	Interior Girder 1	56.42	0.95	1	1	4.641817

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Approach, Span 12-1									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
HS20_str_opr	BOBJ1	56.42	Before	Interior Girder 2	56.42	0.95	1	1	4.334546
HS20_str_opr	BOBJ1	56.42	Before	Interior Girder 3	56.42	0.95	1	1	3.522737
HS20_str_opr	BOBJ1	56.42	Before	Interior Girder 4	56.42	0.95	1	1	3.522737
HS20_str_opr	BOBJ1	56.42	Before	Interior Girder 5	56.42	0.95	1	1	4.334546
HS20_str_opr	BOBJ1	56.42	Before	Interior Girder 6	56.42	0.95	1	1	4.641817
HS20_str_opr	BOBJ1	56.42	Before	Right Exterior Girder	56.42	0.95	1	1	7.305963
HS20_str_opr	BOBJ1	56.42	After	Left Exterior Girder	0	0.95	1	1	7.236624
HS20_str_opr	BOBJ1	56.42	After	Interior Girder 1	0	0.95	1	1	4.740469
HS20_str_opr	BOBJ1	56.42	After	Interior Girder 2	0	0.95	1	1	4.415102
HS20_str_opr	BOBJ1	56.42	After	Interior Girder 3	0	0.95	1	1	3.592671
HS20_str_opr	BOBJ1	56.42	After	Interior Girder 4	0	0.95	1	1	3.592671
HS20_str_opr	BOBJ1	56.42	After	Interior Girder 5	0	0.95	1	1	4.415102
HS20_str_opr	BOBJ1	56.42	After	Interior Girder 6	0	0.95	1	1	4.740469
HS20_str_opr	BOBJ1	56.42	After	Right Exterior Girder	0	0.95	1	1	7.236624
HS20_str_opr	BOBJ1	62.0367	Before	Left Exterior Girder	5.6167	0.95	1	1	7.346682
HS20_str_opr	BOBJ1	62.0367	Before	Interior Girder 1	5.6167	0.95	1	1	4.825193
HS20_str_opr	BOBJ1	62.0367	Before	Interior Girder 2	5.6167	0.95	1	1	4.493431
HS20_str_opr	BOBJ1	62.0367	Before	Interior Girder 3	5.6167	0.95	1	1	3.657808
HS20_str_opr	BOBJ1	62.0367	Before	Interior Girder 4	5.6167	0.95	1	1	3.657808
HS20_str_opr	BOBJ1	62.0367	Before	Interior Girder 5	5.6167	0.95	1	1	4.493431
HS20_str_opr	BOBJ1	62.0367	Before	Interior Girder 6	5.6167	0.95	1	1	4.825193
HS20_str_opr	BOBJ1	62.0367	Before	Right Exterior Girder	5.6167	0.95	1	1	7.346682
HS20_str_opr	BOBJ1	62.0367	After	Left Exterior Girder	5.6167	0.95	1	1	11.11602
HS20_str_opr	BOBJ1	62.0367	After	Interior Girder 1	5.6167	0.95	1	1	4.45852
HS20_str_opr	BOBJ1	62.0367	After	Interior Girder 2	5.6167	0.95	1	1	4.978235
HS20_str_opr	BOBJ1	62.0367	After	Interior Girder 3	5.6167	0.95	1	1	4.195967
HS20_str_opr	BOBJ1	62.0367	After	Interior Girder 4	5.6167	0.95	1	1	4.195967
HS20_str_opr	BOBJ1	62.0367	After	Interior Girder 5	5.6167	0.95	1	1	4.978235
HS20_str_opr	BOBJ1	62.0367	After	Interior Girder 6	5.6167	0.95	1	1	4.45852
HS20_str_opr	BOBJ1	62.0367	After	Right Exterior Girder	5.6167	0.95	1	1	11.11602
HS20_str_opr	BOBJ1	62.4203	Before	Interior Girder 1	6.0003	0.95	1	1	4.463979
HS20_str_opr	BOBJ1	62.4203	Before	Interior Girder 2	6.0003	0.95	1	1	4.984151
HS20_str_opr	BOBJ1	62.4203	Before	Interior Girder 3	6.0003	0.95	1	1	4.201052
HS20_str_opr	BOBJ1	62.4203	Before	Interior Girder 4	6.0003	0.95	1	1	4.201052
HS20_str_opr	BOBJ1	62.4203	Before	Interior Girder 5	6.0003	0.95	1	1	4.984151
HS20_str_opr	BOBJ1	62.4203	Before	Interior Girder 6	6.0003	0.95	1	1	4.463979
HS20_str_opr	BOBJ1	62.4203	After	Interior Girder 1	6.0003	0.95	1	1	4.482368
HS20_str_opr	BOBJ1	62.4203	After	Interior Girder 2	6.0003	0.95	1	1	5.336668
HS20_str_opr	BOBJ1	62.4203	After	Interior Girder 3	6.0003	0.95	1	1	4.59883
HS20_str_opr	BOBJ1	62.4203	After	Interior Girder 4	6.0003	0.95	1	1	4.59883
HS20_str_opr	BOBJ1	62.4203	After	Interior Girder 5	6.0003	0.95	1	1	5.336668
HS20_str_opr	BOBJ1	62.4203	After	Interior Girder 6	6.0003	0.95	1	1	4.482368
HS20_str_opr	BOBJ1	64.9204	Before	Left Exterior Girder	8.5004	0.95	1	1	7.929399
HS20_str_opr	BOBJ1	64.9204	Before	Right Exterior Girder	8.5004	0.95	1	1	7.929399
HS20_str_opr	BOBJ1	64.9204	After	Left Exterior Girder	8.5004	0.95	1	1	8.024279
HS20_str_opr	BOBJ1	64.9204	After	Right Exterior Girder	8.5004	0.95	1	1	8.024279
HS20_str_opr	BOBJ1	67.6533	Before	Left Exterior Girder	11.2333	0.95	1	1	8.073136
HS20_str_opr	BOBJ1	67.6533	Before	Interior Girder 1	11.2333	0.95	1	1	5.921516
HS20_str_opr	BOBJ1	67.6533	Before	Interior Girder 2	11.2333	0.95	1	1	5.418875
HS20_str_opr	BOBJ1	67.6533	Before	Interior Girder 3	11.2333	0.95	1	1	4.670802
HS20_str_opr	BOBJ1	67.6533	Before	Interior Girder 4	11.2333	0.95	1	1	4.670802
HS20_str_opr	BOBJ1	67.6533	Before	Interior Girder 5	11.2333	0.95	1	1	5.418875
HS20_str_opr	BOBJ1	67.6533	Before	Interior Girder 6	11.2333	0.95	1	1	5.921516
HS20_str_opr	BOBJ1	67.6533	Before	Right Exterior Girder	11.2333	0.95	1	1	8.073136
HS20_str_opr	BOBJ1	67.6533	After	Left Exterior Girder	11.2333	0.95	1	1	9.01092
HS20_str_opr	BOBJ1	67.6533	After	Interior Girder 1	11.2333	0.95	1	1	7.230702
HS20_str_opr	BOBJ1	67.6533	After	Interior Girder 2	11.2333	0.95	1	1	6.608105
HS20_str_opr	BOBJ1	67.6533	After	Interior Girder 3	11.2333	0.95	1	1	6.005199
HS20_str_opr	BOBJ1	67.6533	After	Interior Girder 4	11.2333	0.95	1	1	6.005199
HS20_str_opr	BOBJ1	67.6533	After	Interior Girder 5	11.2333	0.95	1	1	6.608105
HS20_str_opr	BOBJ1	67.6533	After	Interior Girder 6	11.2333	0.95	1	1	7.230702
HS20_str_opr	BOBJ1	67.6533	After	Right Exterior Girder	11.2333	0.95	1	1	9.01092
HS20_str_opr	BOBJ1	73.27	Before	Left Exterior Girder	16.85	0.95	1	1	9.12026
HS20_str_opr	BOBJ1	73.27	Before	Interior Girder 1	16.85	0.95	1	1	7.348857
HS20_str_opr	BOBJ1	73.27	Before	Interior Girder 2	16.85	0.95	1	1	6.715226

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Approach, Span 12-1									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
HS20_str_opr	BOBJ1	73.27	Before	Interior Girder 3	16.85	0.95	1	1	6.10377
HS20_str_opr	BOBJ1	73.27	Before	Interior Girder 4	16.85	0.95	1	1	6.10377
HS20_str_opr	BOBJ1	73.27	Before	Interior Girder 5	16.85	0.95	1	1	6.715226
HS20_str_opr	BOBJ1	73.27	Before	Interior Girder 6	16.85	0.95	1	1	7.348857
HS20_str_opr	BOBJ1	73.27	Before	Right Exterior Girder	16.85	0.95	1	1	9.12026
HS20_str_opr	BOBJ1	73.27	After	Left Exterior Girder	16.85	0.95	1	1	12.171972
HS20_str_opr	BOBJ1	73.27	After	Interior Girder 1	16.85	0.95	1	1	7.625578
HS20_str_opr	BOBJ1	73.27	After	Interior Girder 2	16.85	0.95	1	1	7.082866
HS20_str_opr	BOBJ1	73.27	After	Interior Girder 3	16.85	0.95	1	1	6.131803
HS20_str_opr	BOBJ1	73.27	After	Interior Girder 4	16.85	0.95	1	1	6.131803
HS20_str_opr	BOBJ1	73.27	After	Interior Girder 5	16.85	0.95	1	1	7.082866
HS20_str_opr	BOBJ1	73.27	After	Interior Girder 6	16.85	0.95	1	1	7.625578
HS20_str_opr	BOBJ1	73.27	After	Right Exterior Girder	16.85	0.95	1	1	12.171972
HS20_str_opr	BOBJ1	78.8867	Before	Left Exterior Girder	22.4667	0.95	1	1	12.314418
HS20_str_opr	BOBJ1	78.8867	Before	Interior Girder 1	22.4667	0.95	1	1	7.747334
HS20_str_opr	BOBJ1	78.8867	Before	Interior Girder 2	22.4667	0.95	1	1	7.195644
HS20_str_opr	BOBJ1	78.8867	Before	Interior Girder 3	22.4667	0.95	1	1	6.229719
HS20_str_opr	BOBJ1	78.8867	Before	Interior Girder 4	22.4667	0.95	1	1	6.229719
HS20_str_opr	BOBJ1	78.8867	Before	Interior Girder 5	22.4667	0.95	1	1	7.195644
HS20_str_opr	BOBJ1	78.8867	Before	Interior Girder 6	22.4667	0.95	1	1	7.747334
HS20_str_opr	BOBJ1	78.8867	Before	Right Exterior Girder	22.4667	0.95	1	1	12.314418
HS20_str_opr	BOBJ1	78.8867	After	Left Exterior Girder	22.4667	0.95	1	1	14.986068
HS20_str_opr	BOBJ1	78.8867	After	Interior Girder 1	22.4667	0.95	1	1	9.789755
HS20_str_opr	BOBJ1	78.8867	After	Interior Girder 2	22.4667	0.95	1	1	9.018755
HS20_str_opr	BOBJ1	78.8867	After	Interior Girder 3	22.4667	0.95	1	1	7.942622
HS20_str_opr	BOBJ1	78.8867	After	Interior Girder 4	22.4667	0.95	1	1	7.942622
HS20_str_opr	BOBJ1	78.8867	After	Interior Girder 5	22.4667	0.95	1	1	9.018755
HS20_str_opr	BOBJ1	78.8867	After	Interior Girder 6	22.4667	0.95	1	1	9.789755
HS20_str_opr	BOBJ1	78.8867	After	Right Exterior Girder	22.4667	0.95	1	1	14.986068
HS20_str_opr	BOBJ1	84.5033	Before	Left Exterior Girder	28.0833	0.95	1	1	15.15551
HS20_str_opr	BOBJ1	84.5033	Before	Interior Girder 1	28.0833	0.95	1	1	9.942894
HS20_str_opr	BOBJ1	84.5033	Before	Interior Girder 2	28.0833	0.95	1	1	9.159359
HS20_str_opr	BOBJ1	84.5033	Before	Interior Girder 3	28.0833	0.95	1	1	8.066645
HS20_str_opr	BOBJ1	84.5033	Before	Interior Girder 4	28.0833	0.95	1	1	8.066645
HS20_str_opr	BOBJ1	84.5033	Before	Interior Girder 5	28.0833	0.95	1	1	9.159359
HS20_str_opr	BOBJ1	84.5033	Before	Interior Girder 6	28.0833	0.95	1	1	9.942894
HS20_str_opr	BOBJ1	84.5033	Before	Right Exterior Girder	28.0833	0.95	1	1	15.15551
HS20_str_opr	BOBJ1	84.5033	After	Left Exterior Girder	28.0833	0.95	1	1	19.392592
HS20_str_opr	BOBJ1	84.5033	After	Interior Girder 1	28.0833	0.95	1	1	13.088315
HS20_str_opr	BOBJ1	84.5033	After	Interior Girder 2	28.0833	0.95	1	1	11.541334
HS20_str_opr	BOBJ1	84.5033	After	Interior Girder 3	28.0833	0.95	1	1	9.744029
HS20_str_opr	BOBJ1	84.5033	After	Interior Girder 4	28.0833	0.95	1	1	9.744029
HS20_str_opr	BOBJ1	84.5033	After	Interior Girder 5	28.0833	0.95	1	1	11.541334
HS20_str_opr	BOBJ1	84.5033	After	Interior Girder 6	28.0833	0.95	1	1	13.088315
HS20_str_opr	BOBJ1	84.5033	After	Right Exterior Girder	28.0833	0.95	1	1	19.392592
HS20_str_opr	BOBJ1	90.12	Before	Left Exterior Girder	33.7	0.95	1	1	19.604778
HS20_str_opr	BOBJ1	90.12	Before	Interior Girder 1	33.7	0.95	1	1	13.116177
HS20_str_opr	BOBJ1	90.12	Before	Interior Girder 2	33.7	0.95	1	1	11.371075
HS20_str_opr	BOBJ1	90.12	Before	Interior Girder 3	33.7	0.95	1	1	9.600417
HS20_str_opr	BOBJ1	90.12	Before	Interior Girder 4	33.7	0.95	1	1	9.600417
HS20_str_opr	BOBJ1	90.12	Before	Interior Girder 5	33.7	0.95	1	1	11.371075
HS20_str_opr	BOBJ1	90.12	Before	Interior Girder 6	33.7	0.95	1	1	13.116177
HS20_str_opr	BOBJ1	90.12	Before	Right Exterior Girder	33.7	0.95	1	1	19.604778
HS20_str_opr	BOBJ1	90.12	After	Left Exterior Girder	33.7	0.95	1	1	20.198725
HS20_str_opr	BOBJ1	90.12	After	Interior Girder 1	33.7	0.95	1	1	13.019121
HS20_str_opr	BOBJ1	90.12	After	Interior Girder 2	33.7	0.95	1	1	11.325405
HS20_str_opr	BOBJ1	90.12	After	Interior Girder 3	33.7	0.95	1	1	9.576254
HS20_str_opr	BOBJ1	90.12	After	Interior Girder 4	33.7	0.95	1	1	9.576254
HS20_str_opr	BOBJ1	90.12	After	Interior Girder 5	33.7	0.95	1	1	11.325405
HS20_str_opr	BOBJ1	90.12	After	Interior Girder 6	33.7	0.95	1	1	13.019121
HS20_str_opr	BOBJ1	90.12	After	Right Exterior Girder	33.7	0.95	1	1	20.198725
HS20_str_opr	BOBJ1	95.7367	Before	Left Exterior Girder	39.3167	0.95	1	1	19.980153
HS20_str_opr	BOBJ1	95.7367	Before	Interior Girder 1	39.3167	0.95	1	1	13.21328
HS20_str_opr	BOBJ1	95.7367	Before	Interior Girder 2	39.3167	0.95	1	1	11.494875
HS20_str_opr	BOBJ1	95.7367	Before	Interior Girder 3	39.3167	0.95	1	1	9.719394

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Approach, Span 12-1									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
HS20_str_opr	BOBJ1	95.7367	Before	Interior Girder 4	39.3167	0.95	1	1	9.719394
HS20_str_opr	BOBJ1	95.7367	Before	Interior Girder 5	39.3167	0.95	1	1	11.494875
HS20_str_opr	BOBJ1	95.7367	Before	Interior Girder 6	39.3167	0.95	1	1	13.21328
HS20_str_opr	BOBJ1	95.7367	Before	Right Exterior Girder	39.3167	0.95	1	1	19.980153
HS20_str_opr	BOBJ1	95.7367	After	Left Exterior Girder	39.3167	0.95	1	1	15.556259
HS20_str_opr	BOBJ1	95.7367	After	Interior Girder 1	39.3167	0.95	1	1	10.056727
HS20_str_opr	BOBJ1	95.7367	After	Interior Girder 2	39.3167	0.95	1	1	9.280002
HS20_str_opr	BOBJ1	95.7367	After	Interior Girder 3	39.3167	0.95	1	1	8.102516
HS20_str_opr	BOBJ1	95.7367	After	Interior Girder 4	39.3167	0.95	1	1	8.102516
HS20_str_opr	BOBJ1	95.7367	After	Interior Girder 5	39.3167	0.95	1	1	9.280002
HS20_str_opr	BOBJ1	95.7367	After	Interior Girder 6	39.3167	0.95	1	1	10.056727
HS20_str_opr	BOBJ1	95.7367	After	Right Exterior Girder	39.3167	0.95	1	1	15.556259
HS20_str_opr	BOBJ1	101.3533	Before	Left Exterior Girder	44.9333	0.95	1	1	15.382372
HS20_str_opr	BOBJ1	101.3533	Before	Interior Girder 1	44.9333	0.95	1	1	9.901771
HS20_str_opr	BOBJ1	101.3533	Before	Interior Girder 2	44.9333	0.95	1	1	9.137454
HS20_str_opr	BOBJ1	101.3533	Before	Interior Girder 3	44.9333	0.95	1	1	7.977843
HS20_str_opr	BOBJ1	101.3533	Before	Interior Girder 4	44.9333	0.95	1	1	7.977843
HS20_str_opr	BOBJ1	101.3533	Before	Interior Girder 5	44.9333	0.95	1	1	9.137454
HS20_str_opr	BOBJ1	101.3533	Before	Interior Girder 6	44.9333	0.95	1	1	9.901771
HS20_str_opr	BOBJ1	101.3533	Before	Right Exterior Girder	44.9333	0.95	1	1	15.382372
HS20_str_opr	BOBJ1	101.3533	After	Left Exterior Girder	44.9333	0.95	1	1	12.590143
HS20_str_opr	BOBJ1	101.3533	After	Interior Girder 1	44.9333	0.95	1	1	7.818813
HS20_str_opr	BOBJ1	101.3533	After	Interior Girder 2	44.9333	0.95	1	1	7.242059
HS20_str_opr	BOBJ1	101.3533	After	Interior Girder 3	44.9333	0.95	1	1	6.248632
HS20_str_opr	BOBJ1	101.3533	After	Interior Girder 4	44.9333	0.95	1	1	6.248632
HS20_str_opr	BOBJ1	101.3533	After	Interior Girder 5	44.9333	0.95	1	1	7.242059
HS20_str_opr	BOBJ1	101.3533	After	Interior Girder 6	44.9333	0.95	1	1	7.818813
HS20_str_opr	BOBJ1	101.3533	After	Right Exterior Girder	44.9333	0.95	1	1	12.590143
HS20_str_opr	BOBJ1	106.97	Before	Left Exterior Girder	50.55	0.95	1	1	12.44454
HS20_str_opr	BOBJ1	106.97	Before	Interior Girder 1	50.55	0.95	1	1	7.695885
HS20_str_opr	BOBJ1	106.97	Before	Interior Girder 2	50.55	0.95	1	1	7.128476
HS20_str_opr	BOBJ1	106.97	Before	Interior Girder 3	50.55	0.95	1	1	6.15034
HS20_str_opr	BOBJ1	106.97	Before	Interior Girder 4	50.55	0.95	1	1	6.15034
HS20_str_opr	BOBJ1	106.97	Before	Interior Girder 5	50.55	0.95	1	1	7.128476
HS20_str_opr	BOBJ1	106.97	Before	Interior Girder 6	50.55	0.95	1	1	7.695885
HS20_str_opr	BOBJ1	106.97	Before	Right Exterior Girder	50.55	0.95	1	1	12.44454
HS20_str_opr	BOBJ1	106.97	After	Left Exterior Girder	50.55	0.95	1	1	9.284645
HS20_str_opr	BOBJ1	106.97	After	Interior Girder 1	50.55	0.95	1	1	7.441721
HS20_str_opr	BOBJ1	106.97	After	Interior Girder 2	50.55	0.95	1	1	6.79411
HS20_str_opr	BOBJ1	106.97	After	Interior Girder 3	50.55	0.95	1	1	6.152797
HS20_str_opr	BOBJ1	106.97	After	Interior Girder 4	50.55	0.95	1	1	6.152797
HS20_str_opr	BOBJ1	106.97	After	Interior Girder 5	50.55	0.95	1	1	6.79411
HS20_str_opr	BOBJ1	106.97	After	Interior Girder 6	50.55	0.95	1	1	7.441721
HS20_str_opr	BOBJ1	106.97	After	Right Exterior Girder	50.55	0.95	1	1	9.284645
HS20_str_opr	BOBJ1	112.5933	Before	Left Exterior Girder	56.1733	0.95	1	1	9.173239
HS20_str_opr	BOBJ1	112.5933	Before	Interior Girder 1	56.1733	0.95	1	1	7.321885
HS20_str_opr	BOBJ1	112.5933	Before	Interior Girder 2	56.1733	0.95	1	1	6.685501
HS20_str_opr	BOBJ1	112.5933	Before	Interior Girder 3	56.1733	0.95	1	1	6.05324
HS20_str_opr	BOBJ1	112.5933	Before	Interior Girder 4	56.1733	0.95	1	1	6.05324
HS20_str_opr	BOBJ1	112.5933	Before	Interior Girder 5	56.1733	0.95	1	1	6.685501
HS20_str_opr	BOBJ1	112.5933	Before	Interior Girder 6	56.1733	0.95	1	1	7.321885
HS20_str_opr	BOBJ1	112.5933	Before	Right Exterior Girder	56.1733	0.95	1	1	9.173239
HS20_str_opr	BOBJ1	112.5933	After	Left Exterior Girder	56.1733	0.95	1	1	8.249497
HS20_str_opr	BOBJ1	112.5933	After	Interior Girder 1	56.1733	0.95	1	1	5.946012
HS20_str_opr	BOBJ1	112.5933	After	Interior Girder 2	56.1733	0.95	1	1	5.464646
HS20_str_opr	BOBJ1	112.5933	After	Interior Girder 3	56.1733	0.95	1	1	4.702597
HS20_str_opr	BOBJ1	112.5933	After	Interior Girder 4	56.1733	0.95	1	1	4.702597
HS20_str_opr	BOBJ1	112.5933	After	Interior Girder 5	56.1733	0.95	1	1	5.464646
HS20_str_opr	BOBJ1	112.5933	After	Interior Girder 6	56.1733	0.95	1	1	5.946012
HS20_str_opr	BOBJ1	112.5933	After	Right Exterior Girder	56.1733	0.95	1	1	8.249497
HS20_str_opr	BOBJ1	115.3396	Before	Left Exterior Girder	58.9196	0.95	1	1	8.199362
HS20_str_opr	BOBJ1	115.3396	Before	Right Exterior Girder	58.9196	0.95	1	1	8.199362
HS20_str_opr	BOBJ1	115.3396	After	Left Exterior Girder	58.9196	0.95	1	1	7.611105
HS20_str_opr	BOBJ1	115.3396	After	Right Exterior Girder	58.9196	0.95	1	1	7.611105
HS20_str_opr	BOBJ1	118.2167	Before	Left Exterior Girder	61.7967	0.95	1	1	7.554255

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Approach, Span 12-1									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
HS20_str_opr	BOBJ1	118.2167	Before	Interior Girder 1	61.9198	0.95	1	1	5.958505
HS20_str_opr	BOBJ1	118.2167	Before	Interior Girder 2	61.9198	0.95	1	1	5.375453
HS20_str_opr	BOBJ1	118.2167	Before	Interior Girder 3	61.9198	0.95	1	1	4.624649
HS20_str_opr	BOBJ1	118.2167	Before	Interior Girder 4	61.9198	0.95	1	1	4.624649
HS20_str_opr	BOBJ1	118.2167	Before	Interior Girder 5	61.9198	0.95	1	1	5.375453
HS20_str_opr	BOBJ1	118.2167	Before	Interior Girder 6	61.9198	0.95	1	1	5.958505
HS20_str_opr	BOBJ1	118.2167	Before	Right Exterior Girder	61.7967	0.95	1	1	7.554255
HS20_str_opr	BOBJ1	118.2167	After	Left Exterior Girder	61.7967	0.95	1	1	7.40706
HS20_str_opr	BOBJ1	118.2167	After	Interior Girder 1	61.9198	0.95	1	1	4.852918
HS20_str_opr	BOBJ1	118.2167	After	Interior Girder 2	61.9198	0.95	1	1	4.506071
HS20_str_opr	BOBJ1	118.2167	After	Interior Girder 3	61.9198	0.95	1	1	3.666711
HS20_str_opr	BOBJ1	118.2167	After	Interior Girder 4	61.9198	0.95	1	1	3.666711
HS20_str_opr	BOBJ1	118.2167	After	Interior Girder 5	61.9198	0.95	1	1	4.506071
HS20_str_opr	BOBJ1	118.2167	After	Interior Girder 6	61.9198	0.95	1	1	4.852918
HS20_str_opr	BOBJ1	118.2167	After	Right Exterior Girder	61.7967	0.95	1	1	7.40706
HS20_str_opr	BOBJ1	123.84	Before	Left Exterior Girder	67.42	0.95	1	1	7.296024
HS20_str_opr	BOBJ1	123.84	Before	Interior Girder 1	67.42	0.95	1	1	4.767566
HS20_str_opr	BOBJ1	123.84	Before	Interior Girder 2	67.42	0.95	1	1	4.427338
HS20_str_opr	BOBJ1	123.84	Before	Interior Girder 3	67.42	0.95	1	1	3.601288
HS20_str_opr	BOBJ1	123.84	Before	Interior Girder 4	67.42	0.95	1	1	3.601288
HS20_str_opr	BOBJ1	123.84	Before	Interior Girder 5	67.42	0.95	1	1	4.427338
HS20_str_opr	BOBJ1	123.84	Before	Interior Girder 6	67.42	0.95	1	1	4.767566
HS20_str_opr	BOBJ1	123.84	Before	Right Exterior Girder	67.42	0.95	1	1	7.296024
HS20_str_opr	BOBJ1	123.84	After	Left Exterior Girder	0	0.95	1	1	7.496488
HS20_str_opr	BOBJ1	123.84	After	Interior Girder 1	0	0.95	1	1	4.832647
HS20_str_opr	BOBJ1	123.84	After	Interior Girder 2	0	0.95	1	1	4.442022
HS20_str_opr	BOBJ1	123.84	After	Interior Girder 3	0	0.95	1	1	3.602337
HS20_str_opr	BOBJ1	123.84	After	Interior Girder 4	0	0.95	1	1	3.602337
HS20_str_opr	BOBJ1	123.84	After	Interior Girder 5	0	0.95	1	1	4.442022
HS20_str_opr	BOBJ1	123.84	After	Interior Girder 6	0	0.95	1	1	4.832647
HS20_str_opr	BOBJ1	123.84	After	Right Exterior Girder	0	0.95	1	1	7.496488
HS20_str_opr	BOBJ1	129.34	Before	Interior Girder 1	5.5	0.95	1	1	4.917359
HS20_str_opr	BOBJ1	129.34	Before	Interior Girder 2	5.5	0.95	1	1	4.51928
HS20_str_opr	BOBJ1	129.34	Before	Interior Girder 3	5.5	0.95	1	1	3.666497
HS20_str_opr	BOBJ1	129.34	Before	Interior Girder 4	5.5	0.95	1	1	3.666497
HS20_str_opr	BOBJ1	129.34	Before	Interior Girder 5	5.5	0.95	1	1	4.51928
HS20_str_opr	BOBJ1	129.34	Before	Interior Girder 6	5.5	0.95	1	1	4.917359
HS20_str_opr	BOBJ1	129.34	After	Interior Girder 1	5.5	0.95	1	1	4.659618
HS20_str_opr	BOBJ1	129.34	After	Interior Girder 2	5.5	0.95	1	1	4.647214
HS20_str_opr	BOBJ1	129.34	After	Interior Girder 3	5.5	0.95	1	1	3.753392
HS20_str_opr	BOBJ1	129.34	After	Interior Girder 4	5.5	0.95	1	1	3.753392
HS20_str_opr	BOBJ1	129.34	After	Interior Girder 5	5.5	0.95	1	1	4.647214
HS20_str_opr	BOBJ1	129.34	After	Interior Girder 6	5.5	0.95	1	1	4.659618
HS20_str_opr	BOBJ1	130.79	Before	Left Exterior Girder	6.95	0.95	1	1	6.486814
HS20_str_opr	BOBJ1	130.79	Before	Interior Girder 1	6.95	0.95	1	1	4.68005
HS20_str_opr	BOBJ1	130.79	Before	Interior Girder 2	6.95	0.95	1	1	4.667124
HS20_str_opr	BOBJ1	130.79	Before	Interior Girder 3	6.95	0.95	1	1	3.769817
HS20_str_opr	BOBJ1	130.79	Before	Interior Girder 4	6.95	0.95	1	1	3.769817
HS20_str_opr	BOBJ1	130.79	Before	Interior Girder 5	6.95	0.95	1	1	4.667124
HS20_str_opr	BOBJ1	130.79	Before	Interior Girder 6	6.95	0.95	1	1	4.68005
HS20_str_opr	BOBJ1	130.79	Before	Right Exterior Girder	6.95	0.95	1	1	6.486814
HS20_str_opr	BOBJ1	130.79	After	Left Exterior Girder	6.95	0.95	1	1	6.836012
HS20_str_opr	BOBJ1	130.79	After	Interior Girder 1	6.95	0.95	1	1	6.239302
HS20_str_opr	BOBJ1	130.79	After	Interior Girder 2	6.95	0.95	1	1	6.006007
HS20_str_opr	BOBJ1	130.79	After	Interior Girder 3	6.95	0.95	1	1	5.349723
HS20_str_opr	BOBJ1	130.79	After	Interior Girder 4	6.95	0.95	1	1	5.349723
HS20_str_opr	BOBJ1	130.79	After	Interior Girder 5	6.95	0.95	1	1	6.006007
HS20_str_opr	BOBJ1	130.79	After	Interior Girder 6	6.95	0.95	1	1	6.239302
HS20_str_opr	BOBJ1	130.79	After	Right Exterior Girder	6.95	0.95	1	1	6.836012
HS20_str_opr	BOBJ1	132.34	Before	Left Exterior Girder	8.5	0.95	1	1	6.86409
HS20_str_opr	BOBJ1	132.34	Before	Right Exterior Girder	8.5	0.95	1	1	6.86409
HS20_str_opr	BOBJ1	132.34	After	Left Exterior Girder	8.5	0.95	1	1	8.356546
HS20_str_opr	BOBJ1	132.34	After	Right Exterior Girder	8.5	0.95	1	1	8.356546
HS20_str_opr	BOBJ1	137.74	Before	Left Exterior Girder	13.9	0.95	1	1	8.456236
HS20_str_opr	BOBJ1	137.74	Before	Interior Girder 1	13.9	0.95	1	1	6.692938

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Approach, Span 12-1									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
HS20_str_opr	BOBJ1	137.74	Before	Interior Girder 2	13.9	0.95	1	1	6.128521
HS20_str_opr	BOBJ1	137.74	Before	Interior Girder 3	13.9	0.95	1	1	5.460641
HS20_str_opr	BOBJ1	137.74	Before	Interior Girder 4	13.9	0.95	1	1	5.460641
HS20_str_opr	BOBJ1	137.74	Before	Interior Girder 5	13.9	0.95	1	1	6.128521
HS20_str_opr	BOBJ1	137.74	Before	Interior Girder 6	13.9	0.95	1	1	6.692938
HS20_str_opr	BOBJ1	137.74	Before	Right Exterior Girder	13.9	0.95	1	1	8.456236
HS20_str_opr	BOBJ1	137.74	After	Left Exterior Girder	13.9	0.95	1	1	11.058337
HS20_str_opr	BOBJ1	137.74	After	Interior Girder 1	13.9	0.95	1	1	7.126
HS20_str_opr	BOBJ1	137.74	After	Interior Girder 2	13.9	0.95	1	1	6.611242
HS20_str_opr	BOBJ1	137.74	After	Interior Girder 3	13.9	0.95	1	1	5.745217
HS20_str_opr	BOBJ1	137.74	After	Interior Girder 4	13.9	0.95	1	1	5.745217
HS20_str_opr	BOBJ1	137.74	After	Interior Girder 5	13.9	0.95	1	1	6.611242
HS20_str_opr	BOBJ1	137.74	After	Interior Girder 6	13.9	0.95	1	1	7.126
HS20_str_opr	BOBJ1	137.74	After	Right Exterior Girder	13.9	0.95	1	1	11.058337
HS20_str_opr	BOBJ1	143.7733	Before	Left Exterior Girder	19.9333	0.95	1	1	11.199994
HS20_str_opr	BOBJ1	143.7733	Before	Interior Girder 1	19.9333	0.95	1	1	7.249812
HS20_str_opr	BOBJ1	143.7733	Before	Interior Girder 2	19.9333	0.95	1	1	6.725791
HS20_str_opr	BOBJ1	143.7733	Before	Interior Girder 3	19.9333	0.95	1	1	5.84515
HS20_str_opr	BOBJ1	143.7733	Before	Interior Girder 4	19.9333	0.95	1	1	5.84515
HS20_str_opr	BOBJ1	143.7733	Before	Interior Girder 5	19.9333	0.95	1	1	6.725791
HS20_str_opr	BOBJ1	143.7733	Before	Interior Girder 6	19.9333	0.95	1	1	7.249812
HS20_str_opr	BOBJ1	143.7733	Before	Right Exterior Girder	19.9333	0.95	1	1	11.199994
HS20_str_opr	BOBJ1	143.7733	After	Left Exterior Girder	19.9333	0.95	1	1	13.61632
HS20_str_opr	BOBJ1	143.7733	After	Interior Girder 1	19.9333	0.95	1	1	9.224076
HS20_str_opr	BOBJ1	143.7733	After	Interior Girder 2	19.9333	0.95	1	1	8.450794
HS20_str_opr	BOBJ1	143.7733	After	Interior Girder 3	19.9333	0.95	1	1	7.534745
HS20_str_opr	BOBJ1	143.7733	After	Interior Girder 4	19.9333	0.95	1	1	7.534745
HS20_str_opr	BOBJ1	143.7733	After	Interior Girder 5	19.9333	0.95	1	1	8.450794
HS20_str_opr	BOBJ1	143.7733	After	Interior Girder 6	19.9333	0.95	1	1	9.224076
HS20_str_opr	BOBJ1	143.7733	After	Right Exterior Girder	19.9333	0.95	1	1	13.61632
HS20_str_opr	BOBJ1	149.8067	Before	Left Exterior Girder	25.9667	0.95	1	1	13.784276
HS20_str_opr	BOBJ1	149.8067	Before	Interior Girder 1	25.9667	0.95	1	1	9.380838
HS20_str_opr	BOBJ1	149.8067	Before	Interior Girder 2	25.9667	0.95	1	1	8.593912
HS20_str_opr	BOBJ1	149.8067	Before	Interior Girder 3	25.9667	0.95	1	1	7.662631
HS20_str_opr	BOBJ1	149.8067	Before	Interior Girder 4	25.9667	0.95	1	1	7.662631
HS20_str_opr	BOBJ1	149.8067	Before	Interior Girder 5	25.9667	0.95	1	1	8.593912
HS20_str_opr	BOBJ1	149.8067	Before	Interior Girder 6	25.9667	0.95	1	1	9.380838
HS20_str_opr	BOBJ1	149.8067	Before	Right Exterior Girder	25.9667	0.95	1	1	13.784276
HS20_str_opr	BOBJ1	149.8067	After	Left Exterior Girder	25.9667	0.95	1	1	17.571818
HS20_str_opr	BOBJ1	149.8067	After	Interior Girder 1	25.9667	0.95	1	1	12.429495
HS20_str_opr	BOBJ1	149.8067	After	Interior Girder 2	25.9667	0.95	1	1	11.277095
HS20_str_opr	BOBJ1	149.8067	After	Interior Girder 3	25.9667	0.95	1	1	10.190982
HS20_str_opr	BOBJ1	149.8067	After	Interior Girder 4	25.9667	0.95	1	1	10.190982
HS20_str_opr	BOBJ1	149.8067	After	Interior Girder 5	25.9667	0.95	1	1	11.277095
HS20_str_opr	BOBJ1	149.8067	After	Interior Girder 6	25.9667	0.95	1	1	12.429495
HS20_str_opr	BOBJ1	149.8067	After	Right Exterior Girder	25.9667	0.95	1	1	17.571818
HS20_str_opr	BOBJ1	155.84	Before	Left Exterior Girder	32	0.95	1	1	17.780943
HS20_str_opr	BOBJ1	155.84	Before	Interior Girder 1	32	0.95	1	1	12.636069
HS20_str_opr	BOBJ1	155.84	Before	Interior Girder 2	32	0.95	1	1	11.463789
HS20_str_opr	BOBJ1	155.84	Before	Interior Girder 3	32	0.95	1	1	10.247958
HS20_str_opr	BOBJ1	155.84	Before	Interior Girder 4	32	0.95	1	1	10.247958
HS20_str_opr	BOBJ1	155.84	Before	Interior Girder 5	32	0.95	1	1	11.463789
HS20_str_opr	BOBJ1	155.84	Before	Interior Girder 6	32	0.95	1	1	12.636069
HS20_str_opr	BOBJ1	155.84	Before	Right Exterior Girder	32	0.95	1	1	17.780943
HS20_str_opr	BOBJ1	155.84	After	Left Exterior Girder	32	0.95	1	1	21.991937
HS20_str_opr	BOBJ1	155.84	After	Interior Girder 1	32	0.95	1	1	12.433303
HS20_str_opr	BOBJ1	155.84	After	Interior Girder 2	32	0.95	1	1	10.873167
HS20_str_opr	BOBJ1	155.84	After	Interior Girder 3	32	0.95	1	1	9.187915
HS20_str_opr	BOBJ1	155.84	After	Interior Girder 4	32	0.95	1	1	9.187915
HS20_str_opr	BOBJ1	155.84	After	Interior Girder 5	32	0.95	1	1	10.873167
HS20_str_opr	BOBJ1	155.84	After	Interior Girder 6	32	0.95	1	1	12.433303
HS20_str_opr	BOBJ1	155.84	After	Right Exterior Girder	32	0.95	1	1	21.991937
HS20_str_opr	BOBJ1	161.8733	Before	Left Exterior Girder	38.0333	0.95	1	1	21.738928
HS20_str_opr	BOBJ1	161.8733	Before	Interior Girder 1	38.0333	0.95	1	1	12.633985
HS20_str_opr	BOBJ1	161.8733	Before	Interior Girder 2	38.0333	0.95	1	1	11.04928

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Approach, Span 12-1									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
HS20_str_opr	BOBJ1	161.8733	Before	Interior Girder 3	38.0333	0.95	1	1	9.336652
HS20_str_opr	BOBJ1	161.8733	Before	Interior Girder 4	38.0333	0.95	1	1	9.336652
HS20_str_opr	BOBJ1	161.8733	Before	Interior Girder 5	38.0333	0.95	1	1	11.04928
HS20_str_opr	BOBJ1	161.8733	Before	Interior Girder 6	38.0333	0.95	1	1	12.633985
HS20_str_opr	BOBJ1	161.8733	Before	Right Exterior Girder	38.0333	0.95	1	1	21.738928
HS20_str_opr	BOBJ1	161.8733	After	Left Exterior Girder	38.0333	0.95	1	1	16.360824
HS20_str_opr	BOBJ1	161.8733	After	Interior Girder 1	38.0333	0.95	1	1	10.391695
HS20_str_opr	BOBJ1	161.8733	After	Interior Girder 2	38.0333	0.95	1	1	9.617849
HS20_str_opr	BOBJ1	161.8733	After	Interior Girder 3	38.0333	0.95	1	1	8.407449
HS20_str_opr	BOBJ1	161.8733	After	Interior Girder 4	38.0333	0.95	1	1	8.407449
HS20_str_opr	BOBJ1	161.8733	After	Interior Girder 5	38.0333	0.95	1	1	9.617849
HS20_str_opr	BOBJ1	161.8733	After	Interior Girder 6	38.0333	0.95	1	1	10.391695
HS20_str_opr	BOBJ1	161.8733	After	Right Exterior Girder	38.0333	0.95	1	1	16.360824
HS20_str_opr	BOBJ1	167.9067	Before	Left Exterior Girder	44.0667	0.95	1	1	16.165995
HS20_str_opr	BOBJ1	167.9067	Before	Interior Girder 1	44.0667	0.95	1	1	10.220755
HS20_str_opr	BOBJ1	167.9067	Before	Interior Girder 2	44.0667	0.95	1	1	9.460134
HS20_str_opr	BOBJ1	167.9067	Before	Interior Girder 3	44.0667	0.95	1	1	8.269431
HS20_str_opr	BOBJ1	167.9067	Before	Interior Girder 4	44.0667	0.95	1	1	8.269431
HS20_str_opr	BOBJ1	167.9067	Before	Interior Girder 5	44.0667	0.95	1	1	9.460134
HS20_str_opr	BOBJ1	167.9067	Before	Interior Girder 6	44.0667	0.95	1	1	10.220755
HS20_str_opr	BOBJ1	167.9067	Before	Right Exterior Girder	44.0667	0.95	1	1	16.165995
HS20_str_opr	BOBJ1	167.9067	After	Left Exterior Girder	44.0667	0.95	1	1	12.92659
HS20_str_opr	BOBJ1	167.9067	After	Interior Girder 1	44.0667	0.95	1	1	7.942619
HS20_str_opr	BOBJ1	167.9067	After	Interior Girder 2	44.0667	0.95	1	1	7.37022
HS20_str_opr	BOBJ1	167.9067	After	Interior Girder 3	44.0667	0.95	1	1	6.382158
HS20_str_opr	BOBJ1	167.9067	After	Interior Girder 4	44.0667	0.95	1	1	6.382158
HS20_str_opr	BOBJ1	167.9067	After	Interior Girder 5	44.0667	0.95	1	1	7.37022
HS20_str_opr	BOBJ1	167.9067	After	Interior Girder 6	44.0667	0.95	1	1	7.942619
HS20_str_opr	BOBJ1	167.9067	After	Right Exterior Girder	44.0667	0.95	1	1	12.92659
HS20_str_opr	BOBJ1	173.94	Before	Left Exterior Girder	50.1	0.95	1	1	12.766979
HS20_str_opr	BOBJ1	173.94	Before	Interior Girder 1	50.1	0.95	1	1	7.809107
HS20_str_opr	BOBJ1	173.94	Before	Interior Girder 2	50.1	0.95	1	1	7.246639
HS20_str_opr	BOBJ1	173.94	Before	Interior Girder 3	50.1	0.95	1	1	6.274897
HS20_str_opr	BOBJ1	173.94	Before	Interior Girder 4	50.1	0.95	1	1	6.274897
HS20_str_opr	BOBJ1	173.94	Before	Interior Girder 5	50.1	0.95	1	1	7.246639
HS20_str_opr	BOBJ1	173.94	Before	Interior Girder 6	50.1	0.95	1	1	7.809107
HS20_str_opr	BOBJ1	173.94	Before	Right Exterior Girder	50.1	0.95	1	1	12.766979
HS20_str_opr	BOBJ1	173.94	After	Left Exterior Girder	50.1	0.95	1	1	9.246671
HS20_str_opr	BOBJ1	173.94	After	Interior Girder 1	50.1	0.95	1	1	7.570876
HS20_str_opr	BOBJ1	173.94	After	Interior Girder 2	50.1	0.95	1	1	6.895137
HS20_str_opr	BOBJ1	173.94	After	Interior Girder 3	50.1	0.95	1	1	6.319042
HS20_str_opr	BOBJ1	173.94	After	Interior Girder 4	50.1	0.95	1	1	6.319042
HS20_str_opr	BOBJ1	173.94	After	Interior Girder 5	50.1	0.95	1	1	6.895137
HS20_str_opr	BOBJ1	173.94	After	Interior Girder 6	50.1	0.95	1	1	7.570876
HS20_str_opr	BOBJ1	173.94	After	Right Exterior Girder	50.1	0.95	1	1	9.246671
HS20_str_opr	BOBJ1	179.98	Before	Left Exterior Girder	56.14	0.95	1	1	9.127959
HS20_str_opr	BOBJ1	179.98	Before	Interior Girder 1	56.14	0.95	1	1	7.440319
HS20_str_opr	BOBJ1	179.98	Before	Interior Girder 2	56.14	0.95	1	1	6.777124
HS20_str_opr	BOBJ1	179.98	Before	Interior Girder 3	56.14	0.95	1	1	6.209653
HS20_str_opr	BOBJ1	179.98	Before	Interior Girder 4	56.14	0.95	1	1	6.209653
HS20_str_opr	BOBJ1	179.98	Before	Interior Girder 5	56.14	0.95	1	1	6.777124
HS20_str_opr	BOBJ1	179.98	Before	Interior Girder 6	56.14	0.95	1	1	7.440319
HS20_str_opr	BOBJ1	179.98	Before	Right Exterior Girder	56.14	0.95	1	1	9.127959
HS20_str_opr	BOBJ1	179.98	After	Left Exterior Girder	56.14	0.95	1	1	8.177729
HS20_str_opr	BOBJ1	179.98	After	Interior Girder 1	56.14	0.95	1	1	5.94678
HS20_str_opr	BOBJ1	179.98	After	Interior Girder 2	56.14	0.95	1	1	5.486597
HS20_str_opr	BOBJ1	179.98	After	Interior Girder 3	56.14	0.95	1	1	4.769781
HS20_str_opr	BOBJ1	179.98	After	Interior Girder 4	56.14	0.95	1	1	4.769781
HS20_str_opr	BOBJ1	179.98	After	Interior Girder 5	56.14	0.95	1	1	5.486597
HS20_str_opr	BOBJ1	179.98	After	Interior Girder 6	56.14	0.95	1	1	5.94678
HS20_str_opr	BOBJ1	179.98	After	Right Exterior Girder	56.14	0.95	1	1	8.177729
HS20_str_opr	BOBJ1	183.56	Before	Left Exterior Girder	59.72	0.95	1	1	8.113128
HS20_str_opr	BOBJ1	183.56	Before	Right Exterior Girder	59.72	0.95	1	1	8.113128
HS20_str_opr	BOBJ1	183.56	After	Left Exterior Girder	59.72	0.95	1	1	7.342052
HS20_str_opr	BOBJ1	183.56	After	Right Exterior Girder	59.72	0.95	1	1	7.342052

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Approach, Span 12-1									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
HS20_str_opr	BOBJ1	186.02	Before	Left Exterior Girder	62.18	0.95	1	1	7.294148
HS20_str_opr	BOBJ1	186.02	Before	Interior Girder 1	62.22	0.95	1	1	6.064558
HS20_str_opr	BOBJ1	186.02	Before	Interior Girder 2	62.22	0.95	1	1	5.390569
HS20_str_opr	BOBJ1	186.02	Before	Interior Girder 3	62.22	0.95	1	1	4.685056
HS20_str_opr	BOBJ1	186.02	Before	Interior Girder 4	62.22	0.95	1	1	4.685056
HS20_str_opr	BOBJ1	186.02	Before	Interior Girder 5	62.22	0.95	1	1	5.390569
HS20_str_opr	BOBJ1	186.02	Before	Interior Girder 6	62.22	0.95	1	1	6.064558
HS20_str_opr	BOBJ1	186.02	Before	Right Exterior Girder	62.18	0.95	1	1	7.294148
HS20_str_opr	BOBJ1	186.02	After	Left Exterior Girder	62.18	0.95	1	1	7.293827
HS20_str_opr	BOBJ1	186.02	After	Interior Girder 1	62.22	0.95	1	1	4.841677
HS20_str_opr	BOBJ1	186.02	After	Interior Girder 2	62.22	0.95	1	1	4.499921
HS20_str_opr	BOBJ1	186.02	After	Interior Girder 3	62.22	0.95	1	1	3.674709
HS20_str_opr	BOBJ1	186.02	After	Interior Girder 4	62.22	0.95	1	1	3.674709
HS20_str_opr	BOBJ1	186.02	After	Interior Girder 5	62.22	0.95	1	1	4.499921
HS20_str_opr	BOBJ1	186.02	After	Interior Girder 6	62.22	0.95	1	1	4.841677
HS20_str_opr	BOBJ1	186.02	After	Right Exterior Girder	62.18	0.95	1	1	7.293827
HS20_str_opr	BOBJ1	192.06	Before	Left Exterior Girder	68.22	0.95	1	1	7.174181
HS20_str_opr	BOBJ1	192.06	Before	Interior Girder 1	68.22	0.95	1	1	4.749376
HS20_str_opr	BOBJ1	192.06	Before	Interior Girder 2	68.22	0.95	1	1	4.41469
HS20_str_opr	BOBJ1	192.06	Before	Interior Girder 3	68.22	0.95	1	1	3.603651
HS20_str_opr	BOBJ1	192.06	Before	Interior Girder 4	68.22	0.95	1	1	3.603651
HS20_str_opr	BOBJ1	192.06	Before	Interior Girder 5	68.22	0.95	1	1	4.41469
HS20_str_opr	BOBJ1	192.06	Before	Interior Girder 6	68.22	0.95	1	1	4.749376
HS20_str_opr	BOBJ1	192.06	Before	Right Exterior Girder	68.22	0.95	1	1	7.174181
HS20_str_opr	BOBJ1	192.06	After	Left Exterior Girder	0	0.95	1	1	7.386293
HS20_str_opr	BOBJ1	192.06	After	Interior Girder 1	0	0.95	1	1	4.823975
HS20_str_opr	BOBJ1	192.06	After	Interior Girder 2	0	0.95	1	1	4.484784
HS20_str_opr	BOBJ1	192.06	After	Interior Girder 3	0	0.95	1	1	3.520737
HS20_str_opr	BOBJ1	192.06	After	Interior Girder 4	0	0.95	1	1	3.520737
HS20_str_opr	BOBJ1	192.06	After	Interior Girder 5	0	0.95	1	1	4.484784
HS20_str_opr	BOBJ1	192.06	After	Interior Girder 6	0	0.95	1	1	4.823975
HS20_str_opr	BOBJ1	192.06	After	Right Exterior Girder	0	0.95	1	1	7.386293
HS20_str_opr	BOBJ1	197.087	Before	Interior Girder 1	5.027	0.95	1	1	4.902578
HS20_str_opr	BOBJ1	197.087	Before	Interior Girder 2	5.027	0.95	1	1	4.557046
HS20_str_opr	BOBJ1	197.087	Before	Interior Girder 3	5.027	0.95	1	1	3.579478
HS20_str_opr	BOBJ1	197.087	Before	Interior Girder 4	5.027	0.95	1	1	3.579478
HS20_str_opr	BOBJ1	197.087	Before	Interior Girder 5	5.027	0.95	1	1	4.557046
HS20_str_opr	BOBJ1	197.087	Before	Interior Girder 6	5.027	0.95	1	1	4.902578
HS20_str_opr	BOBJ1	197.087	After	Interior Girder 1	5.027	0.95	1	1	4.765026
HS20_str_opr	BOBJ1	197.087	After	Interior Girder 2	5.027	0.95	1	1	5.193106
HS20_str_opr	BOBJ1	197.087	After	Interior Girder 3	5.027	0.95	1	1	4.230098
HS20_str_opr	BOBJ1	197.087	After	Interior Girder 4	5.027	0.95	1	1	4.230098
HS20_str_opr	BOBJ1	197.087	After	Interior Girder 5	5.027	0.95	1	1	5.193106
HS20_str_opr	BOBJ1	197.087	After	Interior Girder 6	5.027	0.95	1	1	4.765026
HS20_str_opr	BOBJ1	197.91	Before	Left Exterior Girder	5.85	0.95	1	1	6.796221
HS20_str_opr	BOBJ1	197.91	Before	Interior Girder 1	5.85	0.95	1	1	4.777071
HS20_str_opr	BOBJ1	197.91	Before	Interior Girder 2	5.85	0.95	1	1	5.205818
HS20_str_opr	BOBJ1	197.91	Before	Interior Girder 3	5.85	0.95	1	1	4.240785
HS20_str_opr	BOBJ1	197.91	Before	Interior Girder 4	5.85	0.95	1	1	4.240785
HS20_str_opr	BOBJ1	197.91	Before	Interior Girder 5	5.85	0.95	1	1	5.205818
HS20_str_opr	BOBJ1	197.91	Before	Interior Girder 6	5.85	0.95	1	1	4.777071
HS20_str_opr	BOBJ1	197.91	Before	Right Exterior Girder	5.85	0.95	1	1	6.796221
HS20_str_opr	BOBJ1	197.91	After	Left Exterior Girder	5.85	0.95	1	1	6.999532
HS20_str_opr	BOBJ1	197.91	After	Interior Girder 1	5.85	0.95	1	1	4.821339
HS20_str_opr	BOBJ1	197.91	After	Interior Girder 2	5.85	0.95	1	1	5.149148
HS20_str_opr	BOBJ1	197.91	After	Interior Girder 3	5.85	0.95	1	1	4.355139
HS20_str_opr	BOBJ1	197.91	After	Interior Girder 4	5.85	0.95	1	1	4.355139
HS20_str_opr	BOBJ1	197.91	After	Interior Girder 5	5.85	0.95	1	1	5.149148
HS20_str_opr	BOBJ1	197.91	After	Interior Girder 6	5.85	0.95	1	1	4.821339
HS20_str_opr	BOBJ1	197.91	After	Right Exterior Girder	5.85	0.95	1	1	6.999532
HS20_str_opr	BOBJ1	199.1816	Before	Left Exterior Girder	7.1216	0.95	1	1	7.023916
HS20_str_opr	BOBJ1	199.1816	Before	Right Exterior Girder	7.1216	0.95	1	1	7.023916
HS20_str_opr	BOBJ1	199.1816	After	Left Exterior Girder	7.1216	0.95	1	1	8.437452
HS20_str_opr	BOBJ1	199.1816	After	Right Exterior Girder	7.1216	0.95	1	1	8.437452
HS20_str_opr	BOBJ1	203.5267	Before	Left Exterior Girder	11.3107	0.95	1	1	8.524335

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Approach, Span 12-15									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
HS20_str_opr	BOBJ1	203.5267	Before	Interior Girder 1	11.3107	0.95	1	1	5.613247
HS20_str_opr	BOBJ1	203.5267	Before	Interior Girder 2	11.3107	0.95	1	1	5.235415
HS20_str_opr	BOBJ1	203.5267	Before	Interior Girder 3	11.3107	0.95	1	1	4.428966
HS20_str_opr	BOBJ1	203.5267	Before	Interior Girder 4	11.3107	0.95	1	1	4.428966
HS20_str_opr	BOBJ1	203.5267	Before	Interior Girder 5	11.3107	0.95	1	1	5.235415
HS20_str_opr	BOBJ1	203.5267	Before	Interior Girder 6	11.3107	0.95	1	1	5.613247
HS20_str_opr	BOBJ1	203.5267	Before	Right Exterior Girder	11.3107	0.95	1	1	8.524335
HS20_str_opr	BOBJ1	203.5267	After	Left Exterior Girder	11.3107	0.95	1	1	11.374327
HS20_str_opr	BOBJ1	203.5267	After	Interior Girder 1	11.3107	0.95	1	1	7.972605
HS20_str_opr	BOBJ1	203.5267	After	Interior Girder 2	11.3107	0.95	1	1	7.324397
HS20_str_opr	BOBJ1	203.5267	After	Interior Girder 3	11.3107	0.95	1	1	6.465171
HS20_str_opr	BOBJ1	203.5267	After	Interior Girder 4	11.3107	0.95	1	1	6.465171
HS20_str_opr	BOBJ1	203.5267	After	Interior Girder 5	11.3107	0.95	1	1	7.324397
HS20_str_opr	BOBJ1	203.5267	After	Interior Girder 6	11.3107	0.95	1	1	7.972605
HS20_str_opr	BOBJ1	203.5267	After	Right Exterior Girder	11.3107	0.95	1	1	11.374327
HS20_str_opr	BOBJ1	209.1433	Before	Left Exterior Girder	17.0833	0.95	1	1	11.507123
HS20_str_opr	BOBJ1	209.1433	Before	Interior Girder 1	17.0833	0.95	1	1	8.094819
HS20_str_opr	BOBJ1	209.1433	Before	Interior Girder 2	17.0833	0.95	1	1	7.436024
HS20_str_opr	BOBJ1	209.1433	Before	Interior Girder 3	17.0833	0.95	1	1	6.564412
HS20_str_opr	BOBJ1	209.1433	Before	Interior Girder 4	17.0833	0.95	1	1	6.564412
HS20_str_opr	BOBJ1	209.1433	Before	Interior Girder 5	17.0833	0.95	1	1	7.436024
HS20_str_opr	BOBJ1	209.1433	Before	Interior Girder 6	17.0833	0.95	1	1	8.094819
HS20_str_opr	BOBJ1	209.1433	Before	Right Exterior Girder	17.0833	0.95	1	1	11.507123
HS20_str_opr	BOBJ1	209.1433	After	Left Exterior Girder	17.0833	0.95	1	1	13.804004
HS20_str_opr	BOBJ1	209.1433	After	Interior Girder 1	17.0833	0.95	1	1	10.186315
HS20_str_opr	BOBJ1	209.1433	After	Interior Girder 2	17.0833	0.95	1	1	9.25878
HS20_str_opr	BOBJ1	209.1433	After	Interior Girder 3	17.0833	0.95	1	1	8.372568
HS20_str_opr	BOBJ1	209.1433	After	Interior Girder 4	17.0833	0.95	1	1	8.372568
HS20_str_opr	BOBJ1	209.1433	After	Interior Girder 5	17.0833	0.95	1	1	9.25878
HS20_str_opr	BOBJ1	209.1433	After	Interior Girder 6	17.0833	0.95	1	1	10.186315
HS20_str_opr	BOBJ1	209.1433	After	Right Exterior Girder	17.0833	0.95	1	1	13.804004
HS20_str_opr	BOBJ1	214.76	Before	Left Exterior Girder	22.7	0.95	1	1	13.960091
HS20_str_opr	BOBJ1	214.76	Before	Interior Girder 1	22.7	0.95	1	1	10.339471
HS20_str_opr	BOBJ1	214.76	Before	Interior Girder 2	22.7	0.95	1	1	9.397139
HS20_str_opr	BOBJ1	214.76	Before	Interior Girder 3	22.7	0.95	1	1	8.49838
HS20_str_opr	BOBJ1	214.76	Before	Interior Girder 4	22.7	0.95	1	1	8.49838
HS20_str_opr	BOBJ1	214.76	Before	Interior Girder 5	22.7	0.95	1	1	9.397139
HS20_str_opr	BOBJ1	214.76	Before	Interior Girder 6	22.7	0.95	1	1	10.339471
HS20_str_opr	BOBJ1	214.76	Before	Right Exterior Girder	22.7	0.95	1	1	13.960091
HS20_str_opr	BOBJ1	214.76	After	Left Exterior Girder	22.7	0.95	1	1	20.893189
HS20_str_opr	BOBJ1	214.76	After	Interior Girder 1	22.7	0.95	1	1	10.830102
HS20_str_opr	BOBJ1	214.76	After	Interior Girder 2	22.7	0.95	1	1	9.696568
HS20_str_opr	BOBJ1	214.76	After	Interior Girder 3	22.7	0.95	1	1	8.197728
HS20_str_opr	BOBJ1	214.76	After	Interior Girder 4	22.7	0.95	1	1	8.197728
HS20_str_opr	BOBJ1	214.76	After	Interior Girder 5	22.7	0.95	1	1	9.696568
HS20_str_opr	BOBJ1	214.76	After	Interior Girder 6	22.7	0.95	1	1	10.830102
HS20_str_opr	BOBJ1	214.76	After	Right Exterior Girder	22.7	0.95	1	1	20.893189
HS20_str_opr	BOBJ1	220.3767	Before	Left Exterior Girder	28.3167	0.95	1	1	21.122719
HS20_str_opr	BOBJ1	220.3767	Before	Interior Girder 1	28.3167	0.95	1	1	10.989177
HS20_str_opr	BOBJ1	220.3767	Before	Interior Girder 2	28.3167	0.95	1	1	9.838867
HS20_str_opr	BOBJ1	220.3767	Before	Interior Girder 3	28.3167	0.95	1	1	8.318127
HS20_str_opr	BOBJ1	220.3767	Before	Interior Girder 4	28.3167	0.95	1	1	8.318127
HS20_str_opr	BOBJ1	220.3767	Before	Interior Girder 5	28.3167	0.95	1	1	9.838867
HS20_str_opr	BOBJ1	220.3767	Before	Interior Girder 6	28.3167	0.95	1	1	10.989177
HS20_str_opr	BOBJ1	220.3767	Before	Right Exterior Girder	28.3167	0.95	1	1	21.122719
HS20_str_opr	BOBJ1	220.3767	After	Left Exterior Girder	28.3167	0.95	1	1	29.084776
HS20_str_opr	BOBJ1	220.3767	After	Interior Girder 1	28.3167	0.95	1	1	14.753348
HS20_str_opr	BOBJ1	220.3767	After	Interior Girder 2	28.3167	0.95	1	1	13.034416
HS20_str_opr	BOBJ1	220.3767	After	Interior Girder 3	28.3167	0.95	1	1	10.910661
HS20_str_opr	BOBJ1	220.3767	After	Interior Girder 4	28.3167	0.95	1	1	10.910661
HS20_str_opr	BOBJ1	220.3767	After	Interior Girder 5	28.3167	0.95	1	1	13.034416
HS20_str_opr	BOBJ1	220.3767	After	Interior Girder 6	28.3167	0.95	1	1	14.753348
HS20_str_opr	BOBJ1	220.3767	After	Right Exterior Girder	28.3167	0.95	1	1	29.084776
HS20_str_opr	BOBJ1	225.9933	Before	Left Exterior Girder	33.9333	0.95	1	1	29.394901
HS20_str_opr	BOBJ1	225.9933	Before	Interior Girder 1	33.9333	0.95	1	1	14.965984

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Approach, Span 12-1									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
HS20_str_opr	BOBJ1	225.9933	Before	Interior Girder 2	33.9333	0.95	1	1	13.222051
HS20_str_opr	BOBJ1	225.9933	Before	Interior Girder 3	33.9333	0.95	1	1	11.067732
HS20_str_opr	BOBJ1	225.9933	Before	Interior Girder 4	33.9333	0.95	1	1	11.067732
HS20_str_opr	BOBJ1	225.9933	Before	Interior Girder 5	33.9333	0.95	1	1	13.222051
HS20_str_opr	BOBJ1	225.9933	Before	Interior Girder 6	33.9333	0.95	1	1	14.965984
HS20_str_opr	BOBJ1	225.9933	Before	Right Exterior Girder	33.9333	0.95	1	1	29.394901
HS20_str_opr	BOBJ1	225.9933	After	Left Exterior Girder	33.9333	0.95	1	1	25.247717
HS20_str_opr	BOBJ1	225.9933	After	Interior Girder 1	33.9333	0.95	1	1	12.57634
HS20_str_opr	BOBJ1	225.9933	After	Interior Girder 2	33.9333	0.95	1	1	11.19432
HS20_str_opr	BOBJ1	225.9933	After	Interior Girder 3	33.9333	0.95	1	1	9.527993
HS20_str_opr	BOBJ1	225.9933	After	Interior Girder 4	33.9333	0.95	1	1	9.527993
HS20_str_opr	BOBJ1	225.9933	After	Interior Girder 5	33.9333	0.95	1	1	11.19432
HS20_str_opr	BOBJ1	225.9933	After	Interior Girder 6	33.9333	0.95	1	1	12.57634
HS20_str_opr	BOBJ1	225.9933	After	Right Exterior Girder	33.9333	0.95	1	1	25.247717
HS20_str_opr	BOBJ1	231.61	Before	Left Exterior Girder	39.55	0.95	1	1	24.984543
HS20_str_opr	BOBJ1	231.61	Before	Interior Girder 1	39.55	0.95	1	1	12.399268
HS20_str_opr	BOBJ1	231.61	Before	Interior Girder 2	39.55	0.95	1	1	11.036495
HS20_str_opr	BOBJ1	231.61	Before	Interior Girder 3	39.55	0.95	1	1	9.393597
HS20_str_opr	BOBJ1	231.61	Before	Interior Girder 4	39.55	0.95	1	1	9.393597
HS20_str_opr	BOBJ1	231.61	Before	Interior Girder 5	39.55	0.95	1	1	11.036495
HS20_str_opr	BOBJ1	231.61	Before	Interior Girder 6	39.55	0.95	1	1	12.399268
HS20_str_opr	BOBJ1	231.61	Before	Right Exterior Girder	39.55	0.95	1	1	24.984543
HS20_str_opr	BOBJ1	231.61	After	Left Exterior Girder	39.55	0.95	1	1	16.248414
HS20_str_opr	BOBJ1	231.61	After	Interior Girder 1	39.55	0.95	1	1	11.916771
HS20_str_opr	BOBJ1	231.61	After	Interior Girder 2	39.55	0.95	1	1	10.762793
HS20_str_opr	BOBJ1	231.61	After	Interior Girder 3	39.55	0.95	1	1	10.03715
HS20_str_opr	BOBJ1	231.61	After	Interior Girder 4	39.55	0.95	1	1	10.03715
HS20_str_opr	BOBJ1	231.61	After	Interior Girder 5	39.55	0.95	1	1	10.762793
HS20_str_opr	BOBJ1	231.61	After	Interior Girder 6	39.55	0.95	1	1	11.916771
HS20_str_opr	BOBJ1	231.61	After	Right Exterior Girder	39.55	0.95	1	1	16.248414
HS20_str_opr	BOBJ1	237.37	Before	Left Exterior Girder	45.31	0.95	1	1	16.070105
HS20_str_opr	BOBJ1	237.37	Before	Interior Girder 1	45.31	0.95	1	1	11.740482
HS20_str_opr	BOBJ1	237.37	Before	Interior Girder 2	45.31	0.95	1	1	10.604333
HS20_str_opr	BOBJ1	237.37	Before	Interior Girder 3	45.31	0.95	1	1	9.888895
HS20_str_opr	BOBJ1	237.37	Before	Interior Girder 4	45.31	0.95	1	1	9.888895
HS20_str_opr	BOBJ1	237.37	Before	Interior Girder 5	45.31	0.95	1	1	10.604333
HS20_str_opr	BOBJ1	237.37	Before	Interior Girder 6	45.31	0.95	1	1	11.740482
HS20_str_opr	BOBJ1	237.37	Before	Right Exterior Girder	45.31	0.95	1	1	16.070105
HS20_str_opr	BOBJ1	237.37	After	Left Exterior Girder	45.31	0.95	1	1	13.038078
HS20_str_opr	BOBJ1	237.37	After	Interior Girder 1	45.31	0.95	1	1	8.957825
HS20_str_opr	BOBJ1	237.37	After	Interior Girder 2	45.31	0.95	1	1	8.168102
HS20_str_opr	BOBJ1	237.37	After	Interior Girder 3	45.31	0.95	1	1	7.415392
HS20_str_opr	BOBJ1	237.37	After	Interior Girder 4	45.31	0.95	1	1	7.415392
HS20_str_opr	BOBJ1	237.37	After	Interior Girder 5	45.31	0.95	1	1	8.168102
HS20_str_opr	BOBJ1	237.37	After	Interior Girder 6	45.31	0.95	1	1	8.957825
HS20_str_opr	BOBJ1	237.37	After	Right Exterior Girder	45.31	0.95	1	1	13.038078
HS20_str_opr	BOBJ1	243.13	Before	Left Exterior Girder	51.07	0.95	1	1	12.8906
HS20_str_opr	BOBJ1	243.13	Before	Interior Girder 1	51.07	0.95	1	1	8.82265
HS20_str_opr	BOBJ1	243.13	Before	Interior Girder 2	51.07	0.95	1	1	8.045452
HS20_str_opr	BOBJ1	243.13	Before	Interior Girder 3	51.07	0.95	1	1	7.30359
HS20_str_opr	BOBJ1	243.13	Before	Interior Girder 4	51.07	0.95	1	1	7.30359
HS20_str_opr	BOBJ1	243.13	Before	Interior Girder 5	51.07	0.95	1	1	8.045452
HS20_str_opr	BOBJ1	243.13	Before	Interior Girder 6	51.07	0.95	1	1	8.82265
HS20_str_opr	BOBJ1	243.13	Before	Right Exterior Girder	51.07	0.95	1	1	12.8906
HS20_str_opr	BOBJ1	243.13	After	Left Exterior Girder	51.07	0.95	1	1	11.10403
HS20_str_opr	BOBJ1	243.13	After	Interior Girder 1	51.07	0.95	1	1	6.787838
HS20_str_opr	BOBJ1	243.13	After	Interior Girder 2	51.07	0.95	1	1	6.317912
HS20_str_opr	BOBJ1	243.13	After	Interior Girder 3	51.07	0.95	1	1	5.413335
HS20_str_opr	BOBJ1	243.13	After	Interior Girder 4	51.07	0.95	1	1	5.413335
HS20_str_opr	BOBJ1	243.13	After	Interior Girder 5	51.07	0.95	1	1	6.317912
HS20_str_opr	BOBJ1	243.13	After	Interior Girder 6	51.07	0.95	1	1	6.787838
HS20_str_opr	BOBJ1	243.13	After	Right Exterior Girder	51.07	0.95	1	1	11.10403
HS20_str_opr	BOBJ1	248.89	Before	Left Exterior Girder	56.83	0.95	1	1	10.974206
HS20_str_opr	BOBJ1	248.89	Before	Interior Girder 1	56.83	0.95	1	1	6.683562
HS20_str_opr	BOBJ1	248.89	Before	Interior Girder 2	56.83	0.95	1	1	6.22108

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Approach, Span 12-1									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
HS20_str_opr	BOBJ1	248.89	Before	Interior Girder 3	56.83	0.95	1	1	5.32997
HS20_str_opr	BOBJ1	248.89	Before	Interior Girder 4	56.83	0.95	1	1	5.32997
HS20_str_opr	BOBJ1	248.89	Before	Interior Girder 5	56.83	0.95	1	1	6.22108
HS20_str_opr	BOBJ1	248.89	Before	Interior Girder 6	56.83	0.95	1	1	6.683562
HS20_str_opr	BOBJ1	248.89	Before	Right Exterior Girder	56.83	0.95	1	1	10.974206
HS20_str_inv	BOBJ1	0	After	Left Exterior Girder	0	0.95	1	1	8.338238
HS20_str_inv	BOBJ1	0	After	Interior Girder 1	0	0.95	1	1	5.727593
HS20_str_inv	BOBJ1	0	After	Interior Girder 2	0	0.95	1	1	5.270078
HS20_str_inv	BOBJ1	0	After	Interior Girder 3	0	0.95	1	1	4.602685
HS20_str_inv	BOBJ1	0	After	Interior Girder 4	0	0.95	1	1	4.602685
HS20_str_inv	BOBJ1	0	After	Interior Girder 5	0	0.95	1	1	5.270078
HS20_str_inv	BOBJ1	0	After	Interior Girder 6	0	0.95	1	1	5.727593
HS20_str_inv	BOBJ1	0	After	Right Exterior Girder	0	0.95	1	1	8.338238
HS20_str_inv	BOBJ1	5.85	Before	Left Exterior Girder	5.85	0.95	1	1	8.430225
HS20_str_inv	BOBJ1	5.85	Before	Interior Girder 1	5.85	0.95	1	1	5.812588
HS20_str_inv	BOBJ1	5.85	Before	Interior Girder 2	5.85	0.95	1	1	5.347788
HS20_str_inv	BOBJ1	5.85	Before	Interior Girder 3	5.85	0.95	1	1	4.671047
HS20_str_inv	BOBJ1	5.85	Before	Interior Girder 4	5.85	0.95	1	1	4.671047
HS20_str_inv	BOBJ1	5.85	Before	Interior Girder 5	5.85	0.95	1	1	5.347788
HS20_str_inv	BOBJ1	5.85	Before	Interior Girder 6	5.85	0.95	1	1	5.812588
HS20_str_inv	BOBJ1	5.85	Before	Right Exterior Girder	5.85	0.95	1	1	8.430225
HS20_str_inv	BOBJ1	5.85	After	Left Exterior Girder	5.85	0.95	1	1	10.801372
HS20_str_inv	BOBJ1	5.85	After	Interior Girder 1	5.85	0.95	1	1	6.744068
HS20_str_inv	BOBJ1	5.85	After	Interior Girder 2	5.85	0.95	1	1	6.22573
HS20_str_inv	BOBJ1	5.85	After	Interior Girder 3	5.85	0.95	1	1	5.512319
HS20_str_inv	BOBJ1	5.85	After	Interior Girder 4	5.85	0.95	1	1	5.512319
HS20_str_inv	BOBJ1	5.85	After	Interior Girder 5	5.85	0.95	1	1	6.22573
HS20_str_inv	BOBJ1	5.85	After	Interior Girder 6	5.85	0.95	1	1	6.744068
HS20_str_inv	BOBJ1	5.85	After	Right Exterior Girder	5.85	0.95	1	1	10.801372
HS20_str_inv	BOBJ1	11.4667	Before	Left Exterior Girder	11.4667	0.95	1	1	10.912284
HS20_str_inv	BOBJ1	11.4667	Before	Interior Girder 1	11.4667	0.95	1	1	6.838125
HS20_str_inv	BOBJ1	11.4667	Before	Interior Girder 2	11.4667	0.95	1	1	6.312362
HS20_str_inv	BOBJ1	11.4667	Before	Interior Girder 3	11.4667	0.95	1	1	5.589142
HS20_str_inv	BOBJ1	11.4667	Before	Interior Girder 4	11.4667	0.95	1	1	5.589142
HS20_str_inv	BOBJ1	11.4667	Before	Interior Girder 5	11.4667	0.95	1	1	6.312362
HS20_str_inv	BOBJ1	11.4667	Before	Interior Girder 6	11.4667	0.95	1	1	6.838125
HS20_str_inv	BOBJ1	11.4667	Before	Right Exterior Girder	11.4667	0.95	1	1	10.912284
HS20_str_inv	BOBJ1	11.4667	After	Left Exterior Girder	11.4667	0.95	1	1	13.456606
HS20_str_inv	BOBJ1	11.4667	After	Interior Girder 1	11.4667	0.95	1	1	8.878234
HS20_str_inv	BOBJ1	11.4667	After	Interior Girder 2	11.4667	0.95	1	1	8.109232
HS20_str_inv	BOBJ1	11.4667	After	Interior Girder 3	11.4667	0.95	1	1	7.3341
HS20_str_inv	BOBJ1	11.4667	After	Interior Girder 4	11.4667	0.95	1	1	7.3341
HS20_str_inv	BOBJ1	11.4667	After	Interior Girder 5	11.4667	0.95	1	1	8.109232
HS20_str_inv	BOBJ1	11.4667	After	Interior Girder 6	11.4667	0.95	1	1	8.878234
HS20_str_inv	BOBJ1	11.4667	After	Right Exterior Girder	11.4667	0.95	1	1	13.456606
HS20_str_inv	BOBJ1	17.0833	Before	Left Exterior Girder	17.0833	0.95	1	1	13.590837
HS20_str_inv	BOBJ1	17.0833	Before	Interior Girder 1	17.0833	0.95	1	1	8.999837
HS20_str_inv	BOBJ1	17.0833	Before	Interior Girder 2	17.0833	0.95	1	1	8.220014
HS20_str_inv	BOBJ1	17.0833	Before	Interior Girder 3	17.0833	0.95	1	1	7.43437
HS20_str_inv	BOBJ1	17.0833	Before	Interior Girder 4	17.0833	0.95	1	1	7.43437
HS20_str_inv	BOBJ1	17.0833	Before	Interior Girder 5	17.0833	0.95	1	1	8.220014
HS20_str_inv	BOBJ1	17.0833	Before	Interior Girder 6	17.0833	0.95	1	1	8.999837
HS20_str_inv	BOBJ1	17.0833	Before	Right Exterior Girder	17.0833	0.95	1	1	13.590837
HS20_str_inv	BOBJ1	17.0833	After	Left Exterior Girder	17.0833	0.95	1	1	17.364785
HS20_str_inv	BOBJ1	17.0833	After	Interior Girder 1	17.0833	0.95	1	1	11.99488
HS20_str_inv	BOBJ1	17.0833	After	Interior Girder 2	17.0833	0.95	1	1	10.913966
HS20_str_inv	BOBJ1	17.0833	After	Interior Girder 3	17.0833	0.95	1	1	9.869749
HS20_str_inv	BOBJ1	17.0833	After	Interior Girder 4	17.0833	0.95	1	1	9.869749
HS20_str_inv	BOBJ1	17.0833	After	Interior Girder 5	17.0833	0.95	1	1	10.913966
HS20_str_inv	BOBJ1	17.0833	After	Interior Girder 6	17.0833	0.95	1	1	11.99488
HS20_str_inv	BOBJ1	17.0833	After	Right Exterior Girder	17.0833	0.95	1	1	17.364785
HS20_str_inv	BOBJ1	22.7	Before	Left Exterior Girder	22.7	0.95	1	1	17.533266
HS20_str_inv	BOBJ1	22.7	Before	Interior Girder 1	22.7	0.95	1	1	12.156204
HS20_str_inv	BOBJ1	22.7	Before	Interior Girder 2	22.7	0.95	1	1	11.060363
HS20_str_inv	BOBJ1	22.7	Before	Interior Girder 3	22.7	0.95	1	1	9.789681

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Approach, Span 12-1									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
HS20_str_inv	BOBJ1	22.7	Before	Interior Girder 4	22.7	0.95	1	1	9.789681
HS20_str_inv	BOBJ1	22.7	Before	Interior Girder 5	22.7	0.95	1	1	11.060363
HS20_str_inv	BOBJ1	22.7	Before	Interior Girder 6	22.7	0.95	1	1	12.156204
HS20_str_inv	BOBJ1	22.7	Before	Right Exterior Girder	22.7	0.95	1	1	17.533266
HS20_str_inv	BOBJ1	22.7	After	Left Exterior Girder	22.7	0.95	1	1	21.202231
HS20_str_inv	BOBJ1	22.7	After	Interior Girder 1	22.7	0.95	1	1	12.085535
HS20_str_inv	BOBJ1	22.7	After	Interior Girder 2	22.7	0.95	1	1	10.559113
HS20_str_inv	BOBJ1	22.7	After	Interior Girder 3	22.7	0.95	1	1	8.905694
HS20_str_inv	BOBJ1	22.7	After	Interior Girder 4	22.7	0.95	1	1	8.905694
HS20_str_inv	BOBJ1	22.7	After	Interior Girder 5	22.7	0.95	1	1	10.559113
HS20_str_inv	BOBJ1	22.7	After	Interior Girder 6	22.7	0.95	1	1	12.085535
HS20_str_inv	BOBJ1	22.7	After	Right Exterior Girder	22.7	0.95	1	1	21.202231
HS20_str_inv	BOBJ1	28.3167	Before	Left Exterior Girder	28.3167	0.95	1	1	20.995248
HS20_str_inv	BOBJ1	28.3167	Before	Interior Girder 1	28.3167	0.95	1	1	12.244178
HS20_str_inv	BOBJ1	28.3167	Before	Interior Girder 2	28.3167	0.95	1	1	10.698235
HS20_str_inv	BOBJ1	28.3167	Before	Interior Girder 3	28.3167	0.95	1	1	9.022955
HS20_str_inv	BOBJ1	28.3167	Before	Interior Girder 4	28.3167	0.95	1	1	9.022955
HS20_str_inv	BOBJ1	28.3167	Before	Interior Girder 5	28.3167	0.95	1	1	10.698235
HS20_str_inv	BOBJ1	28.3167	Before	Interior Girder 6	28.3167	0.95	1	1	12.244178
HS20_str_inv	BOBJ1	28.3167	Before	Right Exterior Girder	28.3167	0.95	1	1	20.995248
HS20_str_inv	BOBJ1	28.3167	After	Left Exterior Girder	28.3167	0.95	1	1	15.504424
HS20_str_inv	BOBJ1	28.3167	After	Interior Girder 1	28.3167	0.95	1	1	9.362956
HS20_str_inv	BOBJ1	28.3167	After	Interior Girder 2	28.3167	0.95	1	1	8.537682
HS20_str_inv	BOBJ1	28.3167	After	Interior Girder 3	28.3167	0.95	1	1	7.310926
HS20_str_inv	BOBJ1	28.3167	After	Interior Girder 4	28.3167	0.95	1	1	7.310926
HS20_str_inv	BOBJ1	28.3167	After	Interior Girder 5	28.3167	0.95	1	1	8.537682
HS20_str_inv	BOBJ1	28.3167	After	Interior Girder 6	28.3167	0.95	1	1	9.362956
HS20_str_inv	BOBJ1	28.3167	After	Right Exterior Girder	28.3167	0.95	1	1	15.504424
HS20_str_inv	BOBJ1	33.9333	Before	Left Exterior Girder	33.9333	0.95	1	1	15.348765
HS20_str_inv	BOBJ1	33.9333	Before	Interior Girder 1	33.9333	0.95	1	1	9.235395
HS20_str_inv	BOBJ1	33.9333	Before	Interior Girder 2	33.9333	0.95	1	1	8.421785
HS20_str_inv	BOBJ1	33.9333	Before	Interior Girder 3	33.9333	0.95	1	1	7.211574
HS20_str_inv	BOBJ1	33.9333	Before	Interior Girder 4	33.9333	0.95	1	1	7.211574
HS20_str_inv	BOBJ1	33.9333	Before	Interior Girder 5	33.9333	0.95	1	1	8.421785
HS20_str_inv	BOBJ1	33.9333	Before	Interior Girder 6	33.9333	0.95	1	1	9.235395
HS20_str_inv	BOBJ1	33.9333	Before	Right Exterior Girder	33.9333	0.95	1	1	15.348765
HS20_str_inv	BOBJ1	33.9333	After	Left Exterior Girder	33.9333	0.95	1	1	11.938539
HS20_str_inv	BOBJ1	33.9333	After	Interior Girder 1	33.9333	0.95	1	1	7.128614
HS20_str_inv	BOBJ1	33.9333	After	Interior Girder 2	33.9333	0.95	1	1	6.532806
HS20_str_inv	BOBJ1	33.9333	After	Interior Girder 3	33.9333	0.95	1	1	5.602657
HS20_str_inv	BOBJ1	33.9333	After	Interior Girder 4	33.9333	0.95	1	1	5.602657
HS20_str_inv	BOBJ1	33.9333	After	Interior Girder 5	33.9333	0.95	1	1	6.532806
HS20_str_inv	BOBJ1	33.9333	After	Interior Girder 6	33.9333	0.95	1	1	7.128614
HS20_str_inv	BOBJ1	33.9333	After	Right Exterior Girder	33.9333	0.95	1	1	11.938539
HS20_str_inv	BOBJ1	39.55	Before	Left Exterior Girder	39.55	0.95	1	1	11.815112
HS20_str_inv	BOBJ1	39.55	Before	Interior Girder 1	39.55	0.95	1	1	7.029756
HS20_str_inv	BOBJ1	39.55	Before	Interior Girder 2	39.55	0.95	1	1	6.442497
HS20_str_inv	BOBJ1	39.55	Before	Interior Girder 3	39.55	0.95	1	1	5.525038
HS20_str_inv	BOBJ1	39.55	Before	Interior Girder 4	39.55	0.95	1	1	5.525038
HS20_str_inv	BOBJ1	39.55	Before	Interior Girder 5	39.55	0.95	1	1	6.442497
HS20_str_inv	BOBJ1	39.55	Before	Interior Girder 6	39.55	0.95	1	1	7.029756
HS20_str_inv	BOBJ1	39.55	Before	Right Exterior Girder	39.55	0.95	1	1	11.815112
HS20_str_inv	BOBJ1	39.55	After	Left Exterior Girder	39.55	0.95	1	1	8.729511
HS20_str_inv	BOBJ1	39.55	After	Interior Girder 1	39.55	0.95	1	1	6.702728
HS20_str_inv	BOBJ1	39.55	After	Interior Girder 2	39.55	0.95	1	1	6.103171
HS20_str_inv	BOBJ1	39.55	After	Interior Girder 3	39.55	0.95	1	1	5.490695
HS20_str_inv	BOBJ1	39.55	After	Interior Girder 4	39.55	0.95	1	1	5.490695
HS20_str_inv	BOBJ1	39.55	After	Interior Girder 5	39.55	0.95	1	1	6.103171
HS20_str_inv	BOBJ1	39.55	After	Interior Girder 6	39.55	0.95	1	1	6.702728
HS20_str_inv	BOBJ1	39.55	After	Right Exterior Girder	39.55	0.95	1	1	8.729511
HS20_str_inv	BOBJ1	45.1733	Before	Left Exterior Girder	45.1226	0.95	1	1	8.636383
HS20_str_inv	BOBJ1	45.1733	Before	Interior Girder 1	45.1226	0.95	1	1	6.607779
HS20_str_inv	BOBJ1	45.1733	Before	Interior Girder 2	45.1226	0.95	1	1	6.01736
HS20_str_inv	BOBJ1	45.1733	Before	Interior Girder 3	45.1226	0.95	1	1	5.412723
HS20_str_inv	BOBJ1	45.1733	Before	Interior Girder 4	45.1226	0.95	1	1	5.412723

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Approach, Span 12-1									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
HS20_str_inv	BOBJ1	45.1733	Before	Interior Girder 5	45.1226	0.95	1	1	6.01736
HS20_str_inv	BOBJ1	45.1733	Before	Interior Girder 6	45.1226	0.95	1	1	6.607779
HS20_str_inv	BOBJ1	45.1733	Before	Right Exterior Girder	45.1226	0.95	1	1	8.636383
HS20_str_inv	BOBJ1	45.1733	After	Left Exterior Girder	45.1226	0.95	1	1	6.344569
HS20_str_inv	BOBJ1	45.1733	After	Interior Girder 1	45.1226	0.95	1	1	4.472564
HS20_str_inv	BOBJ1	45.1733	After	Interior Girder 2	45.1226	0.95	1	1	4.134255
HS20_str_inv	BOBJ1	45.1733	After	Interior Girder 3	45.1226	0.95	1	1	3.54339
HS20_str_inv	BOBJ1	45.1733	After	Interior Girder 4	45.1226	0.95	1	1	3.54339
HS20_str_inv	BOBJ1	45.1733	After	Interior Girder 5	45.1226	0.95	1	1	4.134255
HS20_str_inv	BOBJ1	45.1733	After	Interior Girder 6	45.1226	0.95	1	1	4.472564
HS20_str_inv	BOBJ1	45.1733	After	Right Exterior Girder	45.1226	0.95	1	1	6.344569
HS20_str_inv	BOBJ1	49.2561	Before	Left Exterior Girder	49.2561	0.95	1	1	6.285886
HS20_str_inv	BOBJ1	49.2561	Before	Right Exterior Girder	49.2561	0.95	1	1	6.285886
HS20_str_inv	BOBJ1	49.2561	After	Left Exterior Girder	49.2561	0.95	1	1	5.381084
HS20_str_inv	BOBJ1	49.2561	After	Right Exterior Girder	49.2561	0.95	1	1	5.381084
HS20_str_inv	BOBJ1	50.7967	Before	Left Exterior Girder	50.7967	0.95	1	1	5.359891
HS20_str_inv	BOBJ1	50.7967	Before	Interior Girder 1	50.7967	0.95	1	1	3.671446
HS20_str_inv	BOBJ1	50.7967	Before	Interior Girder 2	50.7967	0.95	1	1	4.066286
HS20_str_inv	BOBJ1	50.7967	Before	Interior Girder 3	50.7967	0.95	1	1	3.484244
HS20_str_inv	BOBJ1	50.7967	Before	Interior Girder 4	50.7967	0.95	1	1	3.484244
HS20_str_inv	BOBJ1	50.7967	Before	Interior Girder 5	50.7967	0.95	1	1	4.066286
HS20_str_inv	BOBJ1	50.7967	Before	Interior Girder 6	50.7967	0.95	1	1	3.671446
HS20_str_inv	BOBJ1	50.7967	Before	Right Exterior Girder	50.7967	0.95	1	1	5.359891
HS20_str_inv	BOBJ1	50.7967	After	Left Exterior Girder	50.7967	0.95	1	1	5.455723
HS20_str_inv	BOBJ1	50.7967	After	Interior Girder 1	50.7967	0.95	1	1	3.163496
HS20_str_inv	BOBJ1	50.7967	After	Interior Girder 2	50.7967	0.95	1	1	3.230463
HS20_str_inv	BOBJ1	50.7967	After	Interior Girder 3	50.7967	0.95	1	1	2.584315
HS20_str_inv	BOBJ1	50.7967	After	Interior Girder 4	50.7967	0.95	1	1	2.584315
HS20_str_inv	BOBJ1	50.7967	After	Interior Girder 5	50.7967	0.95	1	1	3.230463
HS20_str_inv	BOBJ1	50.7967	After	Interior Girder 6	50.7967	0.95	1	1	3.163496
HS20_str_inv	BOBJ1	50.7967	After	Right Exterior Girder	50.7967	0.95	1	1	5.455723
HS20_str_inv	BOBJ1	51.3989	Before	Interior Girder 1	51.3989	0.95	1	1	3.157633
HS20_str_inv	BOBJ1	51.3989	Before	Interior Girder 2	51.3989	0.95	1	1	3.224667
HS20_str_inv	BOBJ1	51.3989	Before	Interior Girder 3	51.3989	0.95	1	1	2.579587
HS20_str_inv	BOBJ1	51.3989	Before	Interior Girder 4	51.3989	0.95	1	1	2.579587
HS20_str_inv	BOBJ1	51.3989	Before	Interior Girder 5	51.3989	0.95	1	1	3.224667
HS20_str_inv	BOBJ1	51.3989	Before	Interior Girder 6	51.3989	0.95	1	1	3.157633
HS20_str_inv	BOBJ1	51.3989	After	Interior Girder 1	51.3989	0.95	1	1	3.638596
HS20_str_inv	BOBJ1	51.3989	After	Interior Girder 2	51.3989	0.95	1	1	3.397288
HS20_str_inv	BOBJ1	51.3989	After	Interior Girder 3	51.3989	0.95	1	1	2.761965
HS20_str_inv	BOBJ1	51.3989	After	Interior Girder 4	51.3989	0.95	1	1	2.761965
HS20_str_inv	BOBJ1	51.3989	After	Interior Girder 5	51.3989	0.95	1	1	3.397288
HS20_str_inv	BOBJ1	51.3989	After	Interior Girder 6	51.3989	0.95	1	1	3.638596
HS20_str_inv	BOBJ1	56.42	Before	Left Exterior Girder	56.42	0.95	1	1	5.636028
HS20_str_inv	BOBJ1	56.42	Before	Interior Girder 1	56.42	0.95	1	1	3.58083
HS20_str_inv	BOBJ1	56.42	Before	Interior Girder 2	56.42	0.95	1	1	3.343793
HS20_str_inv	BOBJ1	56.42	Before	Interior Girder 3	56.42	0.95	1	1	2.71754
HS20_str_inv	BOBJ1	56.42	Before	Interior Girder 4	56.42	0.95	1	1	2.71754
HS20_str_inv	BOBJ1	56.42	Before	Interior Girder 5	56.42	0.95	1	1	3.343793
HS20_str_inv	BOBJ1	56.42	Before	Interior Girder 6	56.42	0.95	1	1	3.58083
HS20_str_inv	BOBJ1	56.42	Before	Right Exterior Girder	56.42	0.95	1	1	5.636028
HS20_str_inv	BOBJ1	56.42	After	Left Exterior Girder	0	0.95	1	1	5.582539
HS20_str_inv	BOBJ1	56.42	After	Interior Girder 1	0	0.95	1	1	3.656933
HS20_str_inv	BOBJ1	56.42	After	Interior Girder 2	0	0.95	1	1	3.405936
HS20_str_inv	BOBJ1	56.42	After	Interior Girder 3	0	0.95	1	1	2.771489
HS20_str_inv	BOBJ1	56.42	After	Interior Girder 4	0	0.95	1	1	2.771489
HS20_str_inv	BOBJ1	56.42	After	Interior Girder 5	0	0.95	1	1	3.405936
HS20_str_inv	BOBJ1	56.42	After	Interior Girder 6	0	0.95	1	1	3.656933
HS20_str_inv	BOBJ1	56.42	After	Right Exterior Girder	0	0.95	1	1	5.582539
HS20_str_inv	BOBJ1	62.0367	Before	Left Exterior Girder	5.6167	0.95	1	1	5.667441
HS20_str_inv	BOBJ1	62.0367	Before	Interior Girder 1	5.6167	0.95	1	1	3.722292
HS20_str_inv	BOBJ1	62.0367	Before	Interior Girder 2	5.6167	0.95	1	1	3.466361
HS20_str_inv	BOBJ1	62.0367	Before	Interior Girder 3	5.6167	0.95	1	1	2.821737
HS20_str_inv	BOBJ1	62.0367	Before	Interior Girder 4	5.6167	0.95	1	1	2.821737
HS20_str_inv	BOBJ1	62.0367	Before	Interior Girder 5	5.6167	0.95	1	1	3.466361

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Approach, Span 12-1									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
HS20_str_inv	BOBJ1	62.0367	Before	Interior Girder 6	5.6167	0.95	1	1	3.722292
HS20_str_inv	BOBJ1	62.0367	Before	Right Exterior Girder	5.6167	0.95	1	1	5.667441
HS20_str_inv	BOBJ1	62.0367	After	Left Exterior Girder	5.6167	0.95	1	1	8.575215
HS20_str_inv	BOBJ1	62.0367	After	Interior Girder 1	5.6167	0.95	1	1	3.43943
HS20_str_inv	BOBJ1	62.0367	After	Interior Girder 2	5.6167	0.95	1	1	3.840353
HS20_str_inv	BOBJ1	62.0367	After	Interior Girder 3	5.6167	0.95	1	1	3.236889
HS20_str_inv	BOBJ1	62.0367	After	Interior Girder 4	5.6167	0.95	1	1	3.236889
HS20_str_inv	BOBJ1	62.0367	After	Interior Girder 5	5.6167	0.95	1	1	3.840353
HS20_str_inv	BOBJ1	62.0367	After	Interior Girder 6	5.6167	0.95	1	1	3.43943
HS20_str_inv	BOBJ1	62.0367	After	Right Exterior Girder	5.6167	0.95	1	1	8.575215
HS20_str_inv	BOBJ1	62.4203	Before	Interior Girder 1	6.0003	0.95	1	1	3.443641
HS20_str_inv	BOBJ1	62.4203	Before	Interior Girder 2	6.0003	0.95	1	1	3.844917
HS20_str_inv	BOBJ1	62.4203	Before	Interior Girder 3	6.0003	0.95	1	1	3.240812
HS20_str_inv	BOBJ1	62.4203	Before	Interior Girder 4	6.0003	0.95	1	1	3.240812
HS20_str_inv	BOBJ1	62.4203	Before	Interior Girder 5	6.0003	0.95	1	1	3.844917
HS20_str_inv	BOBJ1	62.4203	Before	Interior Girder 6	6.0003	0.95	1	1	3.443641
HS20_str_inv	BOBJ1	62.4203	After	Interior Girder 1	6.0003	0.95	1	1	3.457827
HS20_str_inv	BOBJ1	62.4203	After	Interior Girder 2	6.0003	0.95	1	1	4.116858
HS20_str_inv	BOBJ1	62.4203	After	Interior Girder 3	6.0003	0.95	1	1	3.547669
HS20_str_inv	BOBJ1	62.4203	After	Interior Girder 4	6.0003	0.95	1	1	3.547669
HS20_str_inv	BOBJ1	62.4203	After	Interior Girder 5	6.0003	0.95	1	1	4.116858
HS20_str_inv	BOBJ1	62.4203	After	Interior Girder 6	6.0003	0.95	1	1	3.457827
HS20_str_inv	BOBJ1	64.9204	Before	Left Exterior Girder	8.5004	0.95	1	1	6.116965
HS20_str_inv	BOBJ1	64.9204	Before	Right Exterior Girder	8.5004	0.95	1	1	6.116965
HS20_str_inv	BOBJ1	64.9204	After	Left Exterior Girder	8.5004	0.95	1	1	6.190158
HS20_str_inv	BOBJ1	64.9204	After	Right Exterior Girder	8.5004	0.95	1	1	6.190158
HS20_str_inv	BOBJ1	67.6533	Before	Left Exterior Girder	11.2333	0.95	1	1	6.227848
HS20_str_inv	BOBJ1	67.6533	Before	Interior Girder 1	11.2333	0.95	1	1	4.568026
HS20_str_inv	BOBJ1	67.6533	Before	Interior Girder 2	11.2333	0.95	1	1	4.180275
HS20_str_inv	BOBJ1	67.6533	Before	Interior Girder 3	11.2333	0.95	1	1	3.60319
HS20_str_inv	BOBJ1	67.6533	Before	Interior Girder 4	11.2333	0.95	1	1	3.60319
HS20_str_inv	BOBJ1	67.6533	Before	Interior Girder 5	11.2333	0.95	1	1	4.180275
HS20_str_inv	BOBJ1	67.6533	Before	Interior Girder 6	11.2333	0.95	1	1	4.568026
HS20_str_inv	BOBJ1	67.6533	Before	Right Exterior Girder	11.2333	0.95	1	1	6.227848
HS20_str_inv	BOBJ1	67.6533	After	Left Exterior Girder	11.2333	0.95	1	1	6.951281
HS20_str_inv	BOBJ1	67.6533	After	Interior Girder 1	11.2333	0.95	1	1	5.57797
HS20_str_inv	BOBJ1	67.6533	After	Interior Girder 2	11.2333	0.95	1	1	5.097681
HS20_str_inv	BOBJ1	67.6533	After	Interior Girder 3	11.2333	0.95	1	1	4.632582
HS20_str_inv	BOBJ1	67.6533	After	Interior Girder 4	11.2333	0.95	1	1	4.632582
HS20_str_inv	BOBJ1	67.6533	After	Interior Girder 5	11.2333	0.95	1	1	5.097681
HS20_str_inv	BOBJ1	67.6533	After	Interior Girder 6	11.2333	0.95	1	1	5.57797
HS20_str_inv	BOBJ1	67.6533	After	Right Exterior Girder	11.2333	0.95	1	1	6.951281
HS20_str_inv	BOBJ1	73.27	Before	Left Exterior Girder	16.85	0.95	1	1	7.035629
HS20_str_inv	BOBJ1	73.27	Before	Interior Girder 1	16.85	0.95	1	1	5.669118
HS20_str_inv	BOBJ1	73.27	Before	Interior Girder 2	16.85	0.95	1	1	5.180317
HS20_str_inv	BOBJ1	73.27	Before	Interior Girder 3	16.85	0.95	1	1	4.708623
HS20_str_inv	BOBJ1	73.27	Before	Interior Girder 4	16.85	0.95	1	1	4.708623
HS20_str_inv	BOBJ1	73.27	Before	Interior Girder 5	16.85	0.95	1	1	5.180317
HS20_str_inv	BOBJ1	73.27	Before	Interior Girder 6	16.85	0.95	1	1	5.669118
HS20_str_inv	BOBJ1	73.27	Before	Right Exterior Girder	16.85	0.95	1	1	7.035629
HS20_str_inv	BOBJ1	73.27	After	Left Exterior Girder	16.85	0.95	1	1	9.389807
HS20_str_inv	BOBJ1	73.27	After	Interior Girder 1	16.85	0.95	1	1	5.882589
HS20_str_inv	BOBJ1	73.27	After	Interior Girder 2	16.85	0.95	1	1	5.463925
HS20_str_inv	BOBJ1	73.27	After	Interior Girder 3	16.85	0.95	1	1	4.730248
HS20_str_inv	BOBJ1	73.27	After	Interior Girder 4	16.85	0.95	1	1	4.730248
HS20_str_inv	BOBJ1	73.27	After	Interior Girder 5	16.85	0.95	1	1	5.463925
HS20_str_inv	BOBJ1	73.27	After	Interior Girder 6	16.85	0.95	1	1	5.882589
HS20_str_inv	BOBJ1	73.27	After	Right Exterior Girder	16.85	0.95	1	1	9.389807
HS20_str_inv	BOBJ1	78.8867	Before	Left Exterior Girder	22.4667	0.95	1	1	9.499694
HS20_str_inv	BOBJ1	78.8867	Before	Interior Girder 1	22.4667	0.95	1	1	5.976515
HS20_str_inv	BOBJ1	78.8867	Before	Interior Girder 2	22.4667	0.95	1	1	5.550925
HS20_str_inv	BOBJ1	78.8867	Before	Interior Girder 3	22.4667	0.95	1	1	4.805783
HS20_str_inv	BOBJ1	78.8867	Before	Interior Girder 4	22.4667	0.95	1	1	4.805783
HS20_str_inv	BOBJ1	78.8867	Before	Interior Girder 5	22.4667	0.95	1	1	5.550925
HS20_str_inv	BOBJ1	78.8867	Before	Interior Girder 6	22.4667	0.95	1	1	5.976515

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Approach, Span 12-1									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
HS20_str_inv	BOBJ1	78.8867	Before	Right Exterior Girder	22.4667	0.95	1	1	9.499694
HS20_str_inv	BOBJ1	78.8867	After	Left Exterior Girder	22.4667	0.95	1	1	11.560681
HS20_str_inv	BOBJ1	78.8867	After	Interior Girder 1	22.4667	0.95	1	1	7.552096
HS20_str_inv	BOBJ1	78.8867	After	Interior Girder 2	22.4667	0.95	1	1	6.957325
HS20_str_inv	BOBJ1	78.8867	After	Interior Girder 3	22.4667	0.95	1	1	6.127166
HS20_str_inv	BOBJ1	78.8867	After	Interior Girder 4	22.4667	0.95	1	1	6.127166
HS20_str_inv	BOBJ1	78.8867	After	Interior Girder 5	22.4667	0.95	1	1	6.957325
HS20_str_inv	BOBJ1	78.8867	After	Interior Girder 6	22.4667	0.95	1	1	7.552096
HS20_str_inv	BOBJ1	78.8867	After	Right Exterior Girder	22.4667	0.95	1	1	11.560681
HS20_str_inv	BOBJ1	84.5033	Before	Left Exterior Girder	28.0833	0.95	1	1	11.691394
HS20_str_inv	BOBJ1	84.5033	Before	Interior Girder 1	28.0833	0.95	1	1	7.670232
HS20_str_inv	BOBJ1	84.5033	Before	Interior Girder 2	28.0833	0.95	1	1	7.065792
HS20_str_inv	BOBJ1	84.5033	Before	Interior Girder 3	28.0833	0.95	1	1	6.22284
HS20_str_inv	BOBJ1	84.5033	Before	Interior Girder 4	28.0833	0.95	1	1	6.22284
HS20_str_inv	BOBJ1	84.5033	Before	Interior Girder 5	28.0833	0.95	1	1	7.065792
HS20_str_inv	BOBJ1	84.5033	Before	Interior Girder 6	28.0833	0.95	1	1	7.670232
HS20_str_inv	BOBJ1	84.5033	Before	Right Exterior Girder	28.0833	0.95	1	1	11.691394
HS20_str_inv	BOBJ1	84.5033	After	Left Exterior Girder	28.0833	0.95	1	1	14.96
HS20_str_inv	BOBJ1	84.5033	After	Interior Girder 1	28.0833	0.95	1	1	10.096701
HS20_str_inv	BOBJ1	84.5033	After	Interior Girder 2	28.0833	0.95	1	1	8.903315
HS20_str_inv	BOBJ1	84.5033	After	Interior Girder 3	28.0833	0.95	1	1	7.516822
HS20_str_inv	BOBJ1	84.5033	After	Interior Girder 4	28.0833	0.95	1	1	7.516822
HS20_str_inv	BOBJ1	84.5033	After	Interior Girder 5	28.0833	0.95	1	1	8.903315
HS20_str_inv	BOBJ1	84.5033	After	Interior Girder 6	28.0833	0.95	1	1	10.096701
HS20_str_inv	BOBJ1	84.5033	After	Right Exterior Girder	28.0833	0.95	1	1	14.96
HS20_str_inv	BOBJ1	90.12	Before	Left Exterior Girder	33.7	0.95	1	1	15.123686
HS20_str_inv	BOBJ1	90.12	Before	Interior Girder 1	33.7	0.95	1	1	10.118194
HS20_str_inv	BOBJ1	90.12	Before	Interior Girder 2	33.7	0.95	1	1	8.771972
HS20_str_inv	BOBJ1	90.12	Before	Interior Girder 3	33.7	0.95	1	1	7.406036
HS20_str_inv	BOBJ1	90.12	Before	Interior Girder 4	33.7	0.95	1	1	7.406036
HS20_str_inv	BOBJ1	90.12	Before	Interior Girder 5	33.7	0.95	1	1	8.771972
HS20_str_inv	BOBJ1	90.12	Before	Interior Girder 6	33.7	0.95	1	1	10.118194
HS20_str_inv	BOBJ1	90.12	Before	Right Exterior Girder	33.7	0.95	1	1	15.123686
HS20_str_inv	BOBJ1	90.12	After	Left Exterior Girder	33.7	0.95	1	1	15.581873
HS20_str_inv	BOBJ1	90.12	After	Interior Girder 1	33.7	0.95	1	1	10.043322
HS20_str_inv	BOBJ1	90.12	After	Interior Girder 2	33.7	0.95	1	1	8.736741
HS20_str_inv	BOBJ1	90.12	After	Interior Girder 3	33.7	0.95	1	1	7.387396
HS20_str_inv	BOBJ1	90.12	After	Interior Girder 4	33.7	0.95	1	1	7.387396
HS20_str_inv	BOBJ1	90.12	After	Interior Girder 5	33.7	0.95	1	1	8.736741
HS20_str_inv	BOBJ1	90.12	After	Interior Girder 6	33.7	0.95	1	1	10.043322
HS20_str_inv	BOBJ1	90.12	After	Right Exterior Girder	33.7	0.95	1	1	15.581873
HS20_str_inv	BOBJ1	95.7367	Before	Left Exterior Girder	39.3167	0.95	1	1	15.413261
HS20_str_inv	BOBJ1	95.7367	Before	Interior Girder 1	39.3167	0.95	1	1	10.193102
HS20_str_inv	BOBJ1	95.7367	Before	Interior Girder 2	39.3167	0.95	1	1	8.867475
HS20_str_inv	BOBJ1	95.7367	Before	Interior Girder 3	39.3167	0.95	1	1	7.497818
HS20_str_inv	BOBJ1	95.7367	Before	Interior Girder 4	39.3167	0.95	1	1	7.497818
HS20_str_inv	BOBJ1	95.7367	Before	Interior Girder 5	39.3167	0.95	1	1	8.867475
HS20_str_inv	BOBJ1	95.7367	Before	Interior Girder 6	39.3167	0.95	1	1	10.193102
HS20_str_inv	BOBJ1	95.7367	Before	Right Exterior Girder	39.3167	0.95	1	1	15.413261
HS20_str_inv	BOBJ1	95.7367	After	Left Exterior Girder	39.3167	0.95	1	1	12.000543
HS20_str_inv	BOBJ1	95.7367	After	Interior Girder 1	39.3167	0.95	1	1	7.758046
HS20_str_inv	BOBJ1	95.7367	After	Interior Girder 2	39.3167	0.95	1	1	7.158859
HS20_str_inv	BOBJ1	95.7367	After	Interior Girder 3	39.3167	0.95	1	1	6.250513
HS20_str_inv	BOBJ1	95.7367	After	Interior Girder 4	39.3167	0.95	1	1	6.250513
HS20_str_inv	BOBJ1	95.7367	After	Interior Girder 5	39.3167	0.95	1	1	7.158859
HS20_str_inv	BOBJ1	95.7367	After	Interior Girder 6	39.3167	0.95	1	1	7.758046
HS20_str_inv	BOBJ1	95.7367	After	Right Exterior Girder	39.3167	0.95	1	1	12.000543
HS20_str_inv	BOBJ1	101.3533	Before	Left Exterior Girder	44.9333	0.95	1	1	11.866401
HS20_str_inv	BOBJ1	101.3533	Before	Interior Girder 1	44.9333	0.95	1	1	7.638509
HS20_str_inv	BOBJ1	101.3533	Before	Interior Girder 2	44.9333	0.95	1	1	7.048893
HS20_str_inv	BOBJ1	101.3533	Before	Interior Girder 3	44.9333	0.95	1	1	6.154336
HS20_str_inv	BOBJ1	101.3533	Before	Interior Girder 4	44.9333	0.95	1	1	6.154336
HS20_str_inv	BOBJ1	101.3533	Before	Interior Girder 5	44.9333	0.95	1	1	7.048893
HS20_str_inv	BOBJ1	101.3533	Before	Interior Girder 6	44.9333	0.95	1	1	7.638509
HS20_str_inv	BOBJ1	101.3533	Before	Right Exterior Girder	44.9333	0.95	1	1	11.866401

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Approach, Span 12-1									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
HS20_str_inv	BOBJ1	101.3533	After	Left Exterior Girder	44.9333	0.95	1	1	9.712396
HS20_str_inv	BOBJ1	101.3533	After	Interior Girder 1	44.9333	0.95	1	1	6.031656
HS20_str_inv	BOBJ1	101.3533	After	Interior Girder 2	44.9333	0.95	1	1	5.586731
HS20_str_inv	BOBJ1	101.3533	After	Interior Girder 3	44.9333	0.95	1	1	4.820373
HS20_str_inv	BOBJ1	101.3533	After	Interior Girder 4	44.9333	0.95	1	1	4.820373
HS20_str_inv	BOBJ1	101.3533	After	Interior Girder 5	44.9333	0.95	1	1	5.586731
HS20_str_inv	BOBJ1	101.3533	After	Interior Girder 6	44.9333	0.95	1	1	6.031656
HS20_str_inv	BOBJ1	101.3533	After	Right Exterior Girder	44.9333	0.95	1	1	9.712396
HS20_str_inv	BOBJ1	106.97	Before	Left Exterior Girder	50.55	0.95	1	1	9.600073
HS20_str_inv	BOBJ1	106.97	Before	Interior Girder 1	50.55	0.95	1	1	5.936825
HS20_str_inv	BOBJ1	106.97	Before	Interior Girder 2	50.55	0.95	1	1	5.49911
HS20_str_inv	BOBJ1	106.97	Before	Interior Girder 3	50.55	0.95	1	1	4.744548
HS20_str_inv	BOBJ1	106.97	Before	Interior Girder 4	50.55	0.95	1	1	4.744548
HS20_str_inv	BOBJ1	106.97	Before	Interior Girder 5	50.55	0.95	1	1	5.49911
HS20_str_inv	BOBJ1	106.97	Before	Interior Girder 6	50.55	0.95	1	1	5.936825
HS20_str_inv	BOBJ1	106.97	Before	Right Exterior Girder	50.55	0.95	1	1	9.600073
HS20_str_inv	BOBJ1	106.97	After	Left Exterior Girder	50.55	0.95	1	1	7.16244
HS20_str_inv	BOBJ1	106.97	After	Interior Girder 1	50.55	0.95	1	1	5.740756
HS20_str_inv	BOBJ1	106.97	After	Interior Girder 2	50.55	0.95	1	1	5.24117
HS20_str_inv	BOBJ1	106.97	After	Interior Girder 3	50.55	0.95	1	1	4.746443
HS20_str_inv	BOBJ1	106.97	After	Interior Girder 4	50.55	0.95	1	1	4.746443
HS20_str_inv	BOBJ1	106.97	After	Interior Girder 5	50.55	0.95	1	1	5.24117
HS20_str_inv	BOBJ1	106.97	After	Interior Girder 6	50.55	0.95	1	1	5.740756
HS20_str_inv	BOBJ1	106.97	After	Right Exterior Girder	50.55	0.95	1	1	7.16244
HS20_str_inv	BOBJ1	112.5933	Before	Left Exterior Girder	56.1733	0.95	1	1	7.076499
HS20_str_inv	BOBJ1	112.5933	Before	Interior Girder 1	56.1733	0.95	1	1	5.648312
HS20_str_inv	BOBJ1	112.5933	Before	Interior Girder 2	56.1733	0.95	1	1	5.157387
HS20_str_inv	BOBJ1	112.5933	Before	Interior Girder 3	56.1733	0.95	1	1	4.669642
HS20_str_inv	BOBJ1	112.5933	Before	Interior Girder 4	56.1733	0.95	1	1	4.669642
HS20_str_inv	BOBJ1	112.5933	Before	Interior Girder 5	56.1733	0.95	1	1	5.157387
HS20_str_inv	BOBJ1	112.5933	Before	Interior Girder 6	56.1733	0.95	1	1	5.648312
HS20_str_inv	BOBJ1	112.5933	Before	Right Exterior Girder	56.1733	0.95	1	1	7.076499
HS20_str_inv	BOBJ1	112.5933	After	Left Exterior Girder	56.1733	0.95	1	1	6.363898
HS20_str_inv	BOBJ1	112.5933	After	Interior Girder 1	56.1733	0.95	1	1	4.586923
HS20_str_inv	BOBJ1	112.5933	After	Interior Girder 2	56.1733	0.95	1	1	4.215584
HS20_str_inv	BOBJ1	112.5933	After	Interior Girder 3	56.1733	0.95	1	1	3.627718
HS20_str_inv	BOBJ1	112.5933	After	Interior Girder 4	56.1733	0.95	1	1	3.627718
HS20_str_inv	BOBJ1	112.5933	After	Interior Girder 5	56.1733	0.95	1	1	4.215584
HS20_str_inv	BOBJ1	112.5933	After	Interior Girder 6	56.1733	0.95	1	1	4.586923
HS20_str_inv	BOBJ1	112.5933	After	Right Exterior Girder	56.1733	0.95	1	1	6.363898
HS20_str_inv	BOBJ1	115.3396	Before	Left Exterior Girder	58.9196	0.95	1	1	6.325222
HS20_str_inv	BOBJ1	115.3396	Before	Right Exterior Girder	58.9196	0.95	1	1	6.325222
HS20_str_inv	BOBJ1	115.3396	After	Left Exterior Girder	58.9196	0.95	1	1	5.871424
HS20_str_inv	BOBJ1	115.3396	After	Right Exterior Girder	58.9196	0.95	1	1	5.871424
HS20_str_inv	BOBJ1	118.2167	Before	Left Exterior Girder	61.7967	0.95	1	1	5.827568
HS20_str_inv	BOBJ1	118.2167	Before	Interior Girder 1	61.9198	0.95	1	1	4.596561
HS20_str_inv	BOBJ1	118.2167	Before	Interior Girder 2	61.9198	0.95	1	1	4.146778
HS20_str_inv	BOBJ1	118.2167	Before	Interior Girder 3	61.9198	0.95	1	1	3.567586
HS20_str_inv	BOBJ1	118.2167	Before	Interior Girder 4	61.9198	0.95	1	1	3.567586
HS20_str_inv	BOBJ1	118.2167	Before	Interior Girder 5	61.9198	0.95	1	1	4.146778
HS20_str_inv	BOBJ1	118.2167	Before	Interior Girder 6	61.9198	0.95	1	1	4.596561
HS20_str_inv	BOBJ1	118.2167	Before	Right Exterior Girder	61.7967	0.95	1	1	5.827568
HS20_str_inv	BOBJ1	118.2167	After	Left Exterior Girder	61.7967	0.95	1	1	5.714018
HS20_str_inv	BOBJ1	118.2167	After	Interior Girder 1	61.9198	0.95	1	1	3.74368
HS20_str_inv	BOBJ1	118.2167	After	Interior Girder 2	61.9198	0.95	1	1	3.476112
HS20_str_inv	BOBJ1	118.2167	After	Interior Girder 3	61.9198	0.95	1	1	2.828606
HS20_str_inv	BOBJ1	118.2167	After	Interior Girder 4	61.9198	0.95	1	1	2.828606
HS20_str_inv	BOBJ1	118.2167	After	Interior Girder 5	61.9198	0.95	1	1	3.476112
HS20_str_inv	BOBJ1	118.2167	After	Interior Girder 6	61.9198	0.95	1	1	3.74368
HS20_str_inv	BOBJ1	118.2167	After	Right Exterior Girder	61.7967	0.95	1	1	5.714018
HS20_str_inv	BOBJ1	123.84	Before	Left Exterior Girder	67.42	0.95	1	1	5.628361
HS20_str_inv	BOBJ1	123.84	Before	Interior Girder 1	67.42	0.95	1	1	3.677837
HS20_str_inv	BOBJ1	123.84	Before	Interior Girder 2	67.42	0.95	1	1	3.415375
HS20_str_inv	BOBJ1	123.84	Before	Interior Girder 3	67.42	0.95	1	1	2.778137
HS20_str_inv	BOBJ1	123.84	Before	Interior Girder 4	67.42	0.95	1	1	2.778137

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Approach, Span 12-1									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
HS20_str_inv	BOBJ1	123.84	Before	Interior Girder 5	67.42	0.95	1	1	3.415375
HS20_str_inv	BOBJ1	123.84	Before	Interior Girder 6	67.42	0.95	1	1	3.677837
HS20_str_inv	BOBJ1	123.84	Before	Right Exterior Girder	67.42	0.95	1	1	5.628361
HS20_str_inv	BOBJ1	123.84	After	Left Exterior Girder	0	0.95	1	1	5.783005
HS20_str_inv	BOBJ1	123.84	After	Interior Girder 1	0	0.95	1	1	3.728042
HS20_str_inv	BOBJ1	123.84	After	Interior Girder 2	0	0.95	1	1	3.426703
HS20_str_inv	BOBJ1	123.84	After	Interior Girder 3	0	0.95	1	1	2.778946
HS20_str_inv	BOBJ1	123.84	After	Interior Girder 4	0	0.95	1	1	2.778946
HS20_str_inv	BOBJ1	123.84	After	Interior Girder 5	0	0.95	1	1	3.426703
HS20_str_inv	BOBJ1	123.84	After	Interior Girder 6	0	0.95	1	1	3.728042
HS20_str_inv	BOBJ1	123.84	After	Right Exterior Girder	0	0.95	1	1	5.783005
HS20_str_inv	BOBJ1	129.34	Before	Interior Girder 1	5.5	0.95	1	1	3.793391
HS20_str_inv	BOBJ1	129.34	Before	Interior Girder 2	5.5	0.95	1	1	3.486302
HS20_str_inv	BOBJ1	129.34	Before	Interior Girder 3	5.5	0.95	1	1	2.828441
HS20_str_inv	BOBJ1	129.34	Before	Interior Girder 4	5.5	0.95	1	1	2.828441
HS20_str_inv	BOBJ1	129.34	Before	Interior Girder 5	5.5	0.95	1	1	3.486302
HS20_str_inv	BOBJ1	129.34	Before	Interior Girder 6	5.5	0.95	1	1	3.793391
HS20_str_inv	BOBJ1	129.34	After	Interior Girder 1	5.5	0.95	1	1	3.594562
HS20_str_inv	BOBJ1	129.34	After	Interior Girder 2	5.5	0.95	1	1	3.584994
HS20_str_inv	BOBJ1	129.34	After	Interior Girder 3	5.5	0.95	1	1	2.895473
HS20_str_inv	BOBJ1	129.34	After	Interior Girder 4	5.5	0.95	1	1	2.895473
HS20_str_inv	BOBJ1	129.34	After	Interior Girder 5	5.5	0.95	1	1	3.584994
HS20_str_inv	BOBJ1	129.34	After	Interior Girder 6	5.5	0.95	1	1	3.594562
HS20_str_inv	BOBJ1	130.79	Before	Left Exterior Girder	6.95	0.95	1	1	5.004114
HS20_str_inv	BOBJ1	130.79	Before	Interior Girder 1	6.95	0.95	1	1	3.610324
HS20_str_inv	BOBJ1	130.79	Before	Interior Girder 2	6.95	0.95	1	1	3.600353
HS20_str_inv	BOBJ1	130.79	Before	Interior Girder 3	6.95	0.95	1	1	2.908144
HS20_str_inv	BOBJ1	130.79	Before	Interior Girder 4	6.95	0.95	1	1	2.908144
HS20_str_inv	BOBJ1	130.79	Before	Interior Girder 5	6.95	0.95	1	1	3.600353
HS20_str_inv	BOBJ1	130.79	Before	Interior Girder 6	6.95	0.95	1	1	3.610324
HS20_str_inv	BOBJ1	130.79	Before	Right Exterior Girder	6.95	0.95	1	1	5.004114
HS20_str_inv	BOBJ1	130.79	After	Left Exterior Girder	6.95	0.95	1	1	5.273495
HS20_str_inv	BOBJ1	130.79	After	Interior Girder 1	6.95	0.95	1	1	4.813176
HS20_str_inv	BOBJ1	130.79	After	Interior Girder 2	6.95	0.95	1	1	4.633206
HS20_str_inv	BOBJ1	130.79	After	Interior Girder 3	6.95	0.95	1	1	4.126929
HS20_str_inv	BOBJ1	130.79	After	Interior Girder 4	6.95	0.95	1	1	4.126929
HS20_str_inv	BOBJ1	130.79	After	Interior Girder 5	6.95	0.95	1	1	4.633206
HS20_str_inv	BOBJ1	130.79	After	Interior Girder 6	6.95	0.95	1	1	4.813176
HS20_str_inv	BOBJ1	130.79	After	Right Exterior Girder	6.95	0.95	1	1	5.273495
HS20_str_inv	BOBJ1	132.34	Before	Left Exterior Girder	8.5	0.95	1	1	5.295156
HS20_str_inv	BOBJ1	132.34	Before	Right Exterior Girder	8.5	0.95	1	1	5.295156
HS20_str_inv	BOBJ1	132.34	After	Left Exterior Girder	8.5	0.95	1	1	6.446478
HS20_str_inv	BOBJ1	132.34	After	Right Exterior Girder	8.5	0.95	1	1	6.446478
HS20_str_inv	BOBJ1	137.74	Before	Left Exterior Girder	13.9	0.95	1	1	6.523382
HS20_str_inv	BOBJ1	137.74	Before	Interior Girder 1	13.9	0.95	1	1	5.163123
HS20_str_inv	BOBJ1	137.74	Before	Interior Girder 2	13.9	0.95	1	1	4.727717
HS20_str_inv	BOBJ1	137.74	Before	Interior Girder 3	13.9	0.95	1	1	4.212494
HS20_str_inv	BOBJ1	137.74	Before	Interior Girder 4	13.9	0.95	1	1	4.212494
HS20_str_inv	BOBJ1	137.74	Before	Interior Girder 5	13.9	0.95	1	1	4.727717
HS20_str_inv	BOBJ1	137.74	Before	Interior Girder 6	13.9	0.95	1	1	5.163123
HS20_str_inv	BOBJ1	137.74	Before	Right Exterior Girder	13.9	0.95	1	1	6.523382
HS20_str_inv	BOBJ1	137.74	After	Left Exterior Girder	13.9	0.95	1	1	8.530717
HS20_str_inv	BOBJ1	137.74	After	Interior Girder 1	13.9	0.95	1	1	5.4972
HS20_str_inv	BOBJ1	137.74	After	Interior Girder 2	13.9	0.95	1	1	5.100101
HS20_str_inv	BOBJ1	137.74	After	Interior Girder 3	13.9	0.95	1	1	4.432025
HS20_str_inv	BOBJ1	137.74	After	Interior Girder 4	13.9	0.95	1	1	4.432025
HS20_str_inv	BOBJ1	137.74	After	Interior Girder 5	13.9	0.95	1	1	5.100101
HS20_str_inv	BOBJ1	137.74	After	Interior Girder 6	13.9	0.95	1	1	5.4972
HS20_str_inv	BOBJ1	137.74	After	Right Exterior Girder	13.9	0.95	1	1	8.530717
HS20_str_inv	BOBJ1	143.7733	Before	Left Exterior Girder	19.9333	0.95	1	1	8.639995
HS20_str_inv	BOBJ1	143.7733	Before	Interior Girder 1	19.9333	0.95	1	1	5.592712
HS20_str_inv	BOBJ1	143.7733	Before	Interior Girder 2	19.9333	0.95	1	1	5.188467
HS20_str_inv	BOBJ1	143.7733	Before	Interior Girder 3	19.9333	0.95	1	1	4.509115
HS20_str_inv	BOBJ1	143.7733	Before	Interior Girder 4	19.9333	0.95	1	1	4.509115
HS20_str_inv	BOBJ1	143.7733	Before	Interior Girder 5	19.9333	0.95	1	1	5.188467

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Approach, Span 12-1									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
HS20_str_inv	BOBJ1	143.7733	Before	Interior Girder 6	19.9333	0.95	1	1	5.592712
HS20_str_inv	BOBJ1	143.7733	Before	Right Exterior Girder	19.9333	0.95	1	1	8.639995
HS20_str_inv	BOBJ1	143.7733	After	Left Exterior Girder	19.9333	0.95	1	1	10.504018
HS20_str_inv	BOBJ1	143.7733	After	Interior Girder 1	19.9333	0.95	1	1	7.115716
HS20_str_inv	BOBJ1	143.7733	After	Interior Girder 2	19.9333	0.95	1	1	6.519184
HS20_str_inv	BOBJ1	143.7733	After	Interior Girder 3	19.9333	0.95	1	1	5.812517
HS20_str_inv	BOBJ1	143.7733	After	Interior Girder 4	19.9333	0.95	1	1	5.812517
HS20_str_inv	BOBJ1	143.7733	After	Interior Girder 5	19.9333	0.95	1	1	6.519184
HS20_str_inv	BOBJ1	143.7733	After	Interior Girder 6	19.9333	0.95	1	1	7.115716
HS20_str_inv	BOBJ1	143.7733	After	Right Exterior Girder	19.9333	0.95	1	1	10.504018
HS20_str_inv	BOBJ1	149.8067	Before	Left Exterior Girder	25.9667	0.95	1	1	10.633584
HS20_str_inv	BOBJ1	149.8067	Before	Interior Girder 1	25.9667	0.95	1	1	7.236646
HS20_str_inv	BOBJ1	149.8067	Before	Interior Girder 2	25.9667	0.95	1	1	6.62959
HS20_str_inv	BOBJ1	149.8067	Before	Interior Girder 3	25.9667	0.95	1	1	5.911173
HS20_str_inv	BOBJ1	149.8067	Before	Interior Girder 4	25.9667	0.95	1	1	5.911173
HS20_str_inv	BOBJ1	149.8067	Before	Interior Girder 5	25.9667	0.95	1	1	6.62959
HS20_str_inv	BOBJ1	149.8067	Before	Interior Girder 6	25.9667	0.95	1	1	7.236646
HS20_str_inv	BOBJ1	149.8067	Before	Right Exterior Girder	25.9667	0.95	1	1	10.633584
HS20_str_inv	BOBJ1	149.8067	After	Left Exterior Girder	25.9667	0.95	1	1	13.555402
HS20_str_inv	BOBJ1	149.8067	After	Interior Girder 1	25.9667	0.95	1	1	9.588468
HS20_str_inv	BOBJ1	149.8067	After	Interior Girder 2	25.9667	0.95	1	1	8.699473
HS20_str_inv	BOBJ1	149.8067	After	Interior Girder 3	25.9667	0.95	1	1	7.861615
HS20_str_inv	BOBJ1	149.8067	After	Interior Girder 4	25.9667	0.95	1	1	7.861615
HS20_str_inv	BOBJ1	149.8067	After	Interior Girder 5	25.9667	0.95	1	1	8.699473
HS20_str_inv	BOBJ1	149.8067	After	Interior Girder 6	25.9667	0.95	1	1	9.588468
HS20_str_inv	BOBJ1	149.8067	After	Right Exterior Girder	25.9667	0.95	1	1	13.555402
HS20_str_inv	BOBJ1	155.84	Before	Left Exterior Girder	32	0.95	1	1	13.716728
HS20_str_inv	BOBJ1	155.84	Before	Interior Girder 1	32	0.95	1	1	9.747825
HS20_str_inv	BOBJ1	155.84	Before	Interior Girder 2	32	0.95	1	1	8.843494
HS20_str_inv	BOBJ1	155.84	Before	Interior Girder 3	32	0.95	1	1	7.905568
HS20_str_inv	BOBJ1	155.84	Before	Interior Girder 4	32	0.95	1	1	7.905568
HS20_str_inv	BOBJ1	155.84	Before	Interior Girder 5	32	0.95	1	1	8.843494
HS20_str_inv	BOBJ1	155.84	Before	Interior Girder 6	32	0.95	1	1	9.747825
HS20_str_inv	BOBJ1	155.84	Before	Right Exterior Girder	32	0.95	1	1	13.716728
HS20_str_inv	BOBJ1	155.84	After	Left Exterior Girder	32	0.95	1	1	16.965209
HS20_str_inv	BOBJ1	155.84	After	Interior Girder 1	32	0.95	1	1	9.591405
HS20_str_inv	BOBJ1	155.84	After	Interior Girder 2	32	0.95	1	1	8.387872
HS20_str_inv	BOBJ1	155.84	After	Interior Girder 3	32	0.95	1	1	7.08782
HS20_str_inv	BOBJ1	155.84	After	Interior Girder 4	32	0.95	1	1	7.08782
HS20_str_inv	BOBJ1	155.84	After	Interior Girder 5	32	0.95	1	1	8.387872
HS20_str_inv	BOBJ1	155.84	After	Interior Girder 6	32	0.95	1	1	9.591405
HS20_str_inv	BOBJ1	155.84	After	Right Exterior Girder	32	0.95	1	1	16.965209
HS20_str_inv	BOBJ1	161.8733	Before	Left Exterior Girder	38.0333	0.95	1	1	16.77003
HS20_str_inv	BOBJ1	161.8733	Before	Interior Girder 1	38.0333	0.95	1	1	9.746217
HS20_str_inv	BOBJ1	161.8733	Before	Interior Girder 2	38.0333	0.95	1	1	8.52373
HS20_str_inv	BOBJ1	161.8733	Before	Interior Girder 3	38.0333	0.95	1	1	7.20256
HS20_str_inv	BOBJ1	161.8733	Before	Interior Girder 4	38.0333	0.95	1	1	7.20256
HS20_str_inv	BOBJ1	161.8733	Before	Interior Girder 5	38.0333	0.95	1	1	8.52373
HS20_str_inv	BOBJ1	161.8733	Before	Interior Girder 6	38.0333	0.95	1	1	9.746217
HS20_str_inv	BOBJ1	161.8733	Before	Right Exterior Girder	38.0333	0.95	1	1	16.77003
HS20_str_inv	BOBJ1	161.8733	After	Left Exterior Girder	38.0333	0.95	1	1	12.621207
HS20_str_inv	BOBJ1	161.8733	After	Interior Girder 1	38.0333	0.95	1	1	8.01645
HS20_str_inv	BOBJ1	161.8733	After	Interior Girder 2	38.0333	0.95	1	1	7.419484
HS20_str_inv	BOBJ1	161.8733	After	Interior Girder 3	38.0333	0.95	1	1	6.485746
HS20_str_inv	BOBJ1	161.8733	After	Interior Girder 4	38.0333	0.95	1	1	6.485746
HS20_str_inv	BOBJ1	161.8733	After	Interior Girder 5	38.0333	0.95	1	1	7.419484
HS20_str_inv	BOBJ1	161.8733	After	Interior Girder 6	38.0333	0.95	1	1	8.01645
HS20_str_inv	BOBJ1	161.8733	After	Right Exterior Girder	38.0333	0.95	1	1	12.621207
HS20_str_inv	BOBJ1	167.9067	Before	Left Exterior Girder	44.0667	0.95	1	1	12.47091
HS20_str_inv	BOBJ1	167.9067	Before	Interior Girder 1	44.0667	0.95	1	1	7.884582
HS20_str_inv	BOBJ1	167.9067	Before	Interior Girder 2	44.0667	0.95	1	1	7.297818
HS20_str_inv	BOBJ1	167.9067	Before	Interior Girder 3	44.0667	0.95	1	1	6.379275
HS20_str_inv	BOBJ1	167.9067	Before	Interior Girder 4	44.0667	0.95	1	1	6.379275
HS20_str_inv	BOBJ1	167.9067	Before	Interior Girder 5	44.0667	0.95	1	1	7.297818
HS20_str_inv	BOBJ1	167.9067	Before	Interior Girder 6	44.0667	0.95	1	1	7.884582

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Approach, Span 12-1									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
HS20_str_inv	BOBJ1	167.9067	Before	Right Exterior Girder	44.0667	0.95	1	1	12.47091
HS20_str_inv	BOBJ1	167.9067	After	Left Exterior Girder	44.0667	0.95	1	1	9.971941
HS20_str_inv	BOBJ1	167.9067	After	Interior Girder 1	44.0667	0.95	1	1	6.127163
HS20_str_inv	BOBJ1	167.9067	After	Interior Girder 2	44.0667	0.95	1	1	5.685599
HS20_str_inv	BOBJ1	167.9067	After	Interior Girder 3	44.0667	0.95	1	1	4.923379
HS20_str_inv	BOBJ1	167.9067	After	Interior Girder 4	44.0667	0.95	1	1	4.923379
HS20_str_inv	BOBJ1	167.9067	After	Interior Girder 5	44.0667	0.95	1	1	5.685599
HS20_str_inv	BOBJ1	167.9067	After	Interior Girder 6	44.0667	0.95	1	1	6.127163
HS20_str_inv	BOBJ1	167.9067	After	Right Exterior Girder	44.0667	0.95	1	1	9.971941
HS20_str_inv	BOBJ1	173.94	Before	Left Exterior Girder	50.1	0.95	1	1	9.848812
HS20_str_inv	BOBJ1	173.94	Before	Interior Girder 1	50.1	0.95	1	1	6.024169
HS20_str_inv	BOBJ1	173.94	Before	Interior Girder 2	50.1	0.95	1	1	5.590264
HS20_str_inv	BOBJ1	173.94	Before	Interior Girder 3	50.1	0.95	1	1	4.840635
HS20_str_inv	BOBJ1	173.94	Before	Interior Girder 4	50.1	0.95	1	1	4.840635
HS20_str_inv	BOBJ1	173.94	Before	Interior Girder 5	50.1	0.95	1	1	5.590264
HS20_str_inv	BOBJ1	173.94	Before	Interior Girder 6	50.1	0.95	1	1	6.024169
HS20_str_inv	BOBJ1	173.94	Before	Right Exterior Girder	50.1	0.95	1	1	9.848812
HS20_str_inv	BOBJ1	173.94	After	Left Exterior Girder	50.1	0.95	1	1	7.133146
HS20_str_inv	BOBJ1	173.94	After	Interior Girder 1	50.1	0.95	1	1	5.84039
HS20_str_inv	BOBJ1	173.94	After	Interior Girder 2	50.1	0.95	1	1	5.319106
HS20_str_inv	BOBJ1	173.94	After	Interior Girder 3	50.1	0.95	1	1	4.87469
HS20_str_inv	BOBJ1	173.94	After	Interior Girder 4	50.1	0.95	1	1	4.87469
HS20_str_inv	BOBJ1	173.94	After	Interior Girder 5	50.1	0.95	1	1	5.319106
HS20_str_inv	BOBJ1	173.94	After	Interior Girder 6	50.1	0.95	1	1	5.84039
HS20_str_inv	BOBJ1	173.94	After	Right Exterior Girder	50.1	0.95	1	1	7.133146
HS20_str_inv	BOBJ1	179.98	Before	Left Exterior Girder	56.14	0.95	1	1	7.041568
HS20_str_inv	BOBJ1	179.98	Before	Interior Girder 1	56.14	0.95	1	1	5.739675
HS20_str_inv	BOBJ1	179.98	Before	Interior Girder 2	56.14	0.95	1	1	5.228067
HS20_str_inv	BOBJ1	179.98	Before	Interior Girder 3	56.14	0.95	1	1	4.790304
HS20_str_inv	BOBJ1	179.98	Before	Interior Girder 4	56.14	0.95	1	1	4.790304
HS20_str_inv	BOBJ1	179.98	Before	Interior Girder 5	56.14	0.95	1	1	5.228067
HS20_str_inv	BOBJ1	179.98	Before	Interior Girder 6	56.14	0.95	1	1	5.739675
HS20_str_inv	BOBJ1	179.98	Before	Right Exterior Girder	56.14	0.95	1	1	7.041568
HS20_str_inv	BOBJ1	179.98	After	Left Exterior Girder	56.14	0.95	1	1	6.308533
HS20_str_inv	BOBJ1	179.98	After	Interior Girder 1	56.14	0.95	1	1	4.587516
HS20_str_inv	BOBJ1	179.98	After	Interior Girder 2	56.14	0.95	1	1	4.232518
HS20_str_inv	BOBJ1	179.98	After	Interior Girder 3	56.14	0.95	1	1	3.679545
HS20_str_inv	BOBJ1	179.98	After	Interior Girder 4	56.14	0.95	1	1	3.679545
HS20_str_inv	BOBJ1	179.98	After	Interior Girder 5	56.14	0.95	1	1	4.232518
HS20_str_inv	BOBJ1	179.98	After	Interior Girder 6	56.14	0.95	1	1	4.587516
HS20_str_inv	BOBJ1	179.98	After	Right Exterior Girder	56.14	0.95	1	1	6.308533
HS20_str_inv	BOBJ1	183.56	Before	Left Exterior Girder	59.72	0.95	1	1	6.258699
HS20_str_inv	BOBJ1	183.56	Before	Right Exterior Girder	59.72	0.95	1	1	6.258699
HS20_str_inv	BOBJ1	183.56	After	Left Exterior Girder	59.72	0.95	1	1	5.663869
HS20_str_inv	BOBJ1	183.56	After	Right Exterior Girder	59.72	0.95	1	1	5.663869
HS20_str_inv	BOBJ1	186.02	Before	Left Exterior Girder	62.18	0.95	1	1	5.626914
HS20_str_inv	BOBJ1	186.02	Before	Interior Girder 1	62.22	0.95	1	1	4.678373
HS20_str_inv	BOBJ1	186.02	Before	Interior Girder 2	62.22	0.95	1	1	4.158439
HS20_str_inv	BOBJ1	186.02	Before	Interior Girder 3	62.22	0.95	1	1	3.614186
HS20_str_inv	BOBJ1	186.02	Before	Interior Girder 4	62.22	0.95	1	1	3.614186
HS20_str_inv	BOBJ1	186.02	Before	Interior Girder 5	62.22	0.95	1	1	4.158439
HS20_str_inv	BOBJ1	186.02	Before	Interior Girder 6	62.22	0.95	1	1	4.678373
HS20_str_inv	BOBJ1	186.02	Before	Right Exterior Girder	62.18	0.95	1	1	5.626914
HS20_str_inv	BOBJ1	186.02	After	Left Exterior Girder	62.18	0.95	1	1	5.626667
HS20_str_inv	BOBJ1	186.02	After	Interior Girder 1	62.22	0.95	1	1	3.735008
HS20_str_inv	BOBJ1	186.02	After	Interior Girder 2	62.22	0.95	1	1	3.471367
HS20_str_inv	BOBJ1	186.02	After	Interior Girder 3	62.22	0.95	1	1	2.834775
HS20_str_inv	BOBJ1	186.02	After	Interior Girder 4	62.22	0.95	1	1	2.834775
HS20_str_inv	BOBJ1	186.02	After	Interior Girder 5	62.22	0.95	1	1	3.471367
HS20_str_inv	BOBJ1	186.02	After	Interior Girder 6	62.22	0.95	1	1	3.735008
HS20_str_inv	BOBJ1	186.02	After	Right Exterior Girder	62.18	0.95	1	1	5.626667
HS20_str_inv	BOBJ1	192.06	Before	Left Exterior Girder	68.22	0.95	1	1	5.534368
HS20_str_inv	BOBJ1	192.06	Before	Interior Girder 1	68.22	0.95	1	1	3.663804
HS20_str_inv	BOBJ1	192.06	Before	Interior Girder 2	68.22	0.95	1	1	3.405618
HS20_str_inv	BOBJ1	192.06	Before	Interior Girder 3	68.22	0.95	1	1	2.779959

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Approach, Span 12-1									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
HS20_str_inv	BOBJ1	192.06	Before	Interior Girder 4	68.22	0.95	1	1	2.779959
HS20_str_inv	BOBJ1	192.06	Before	Interior Girder 5	68.22	0.95	1	1	3.405618
HS20_str_inv	BOBJ1	192.06	Before	Interior Girder 6	68.22	0.95	1	1	3.663804
HS20_str_inv	BOBJ1	192.06	Before	Right Exterior Girder	68.22	0.95	1	1	5.534368
HS20_str_inv	BOBJ1	192.06	After	Left Exterior Girder	0	0.95	1	1	5.697998
HS20_str_inv	BOBJ1	192.06	After	Interior Girder 1	0	0.95	1	1	3.721352
HS20_str_inv	BOBJ1	192.06	After	Interior Girder 2	0	0.95	1	1	3.459691
HS20_str_inv	BOBJ1	192.06	After	Interior Girder 3	0	0.95	1	1	2.715997
HS20_str_inv	BOBJ1	192.06	After	Interior Girder 4	0	0.95	1	1	2.715997
HS20_str_inv	BOBJ1	192.06	After	Interior Girder 5	0	0.95	1	1	3.459691
HS20_str_inv	BOBJ1	192.06	After	Interior Girder 6	0	0.95	1	1	3.721352
HS20_str_inv	BOBJ1	192.06	After	Right Exterior Girder	0	0.95	1	1	5.697998
HS20_str_inv	BOBJ1	197.087	Before	Interior Girder 1	5.027	0.95	1	1	3.781989
HS20_str_inv	BOBJ1	197.087	Before	Interior Girder 2	5.027	0.95	1	1	3.515435
HS20_str_inv	BOBJ1	197.087	Before	Interior Girder 3	5.027	0.95	1	1	2.761311
HS20_str_inv	BOBJ1	197.087	Before	Interior Girder 4	5.027	0.95	1	1	2.761311
HS20_str_inv	BOBJ1	197.087	Before	Interior Girder 5	5.027	0.95	1	1	3.515435
HS20_str_inv	BOBJ1	197.087	Before	Interior Girder 6	5.027	0.95	1	1	3.781989
HS20_str_inv	BOBJ1	197.087	After	Interior Girder 1	5.027	0.95	1	1	3.675878
HS20_str_inv	BOBJ1	197.087	After	Interior Girder 2	5.027	0.95	1	1	4.00611
HS20_str_inv	BOBJ1	197.087	After	Interior Girder 3	5.027	0.95	1	1	3.263219
HS20_str_inv	BOBJ1	197.087	After	Interior Girder 4	5.027	0.95	1	1	3.263219
HS20_str_inv	BOBJ1	197.087	After	Interior Girder 5	5.027	0.95	1	1	4.00611
HS20_str_inv	BOBJ1	197.087	After	Interior Girder 6	5.027	0.95	1	1	3.675878
HS20_str_inv	BOBJ1	197.91	Before	Left Exterior Girder	5.85	0.95	1	1	5.242799
HS20_str_inv	BOBJ1	197.91	Before	Interior Girder 1	5.85	0.95	1	1	3.685169
HS20_str_inv	BOBJ1	197.91	Before	Interior Girder 2	5.85	0.95	1	1	4.015917
HS20_str_inv	BOBJ1	197.91	Before	Interior Girder 3	5.85	0.95	1	1	3.271462
HS20_str_inv	BOBJ1	197.91	Before	Interior Girder 4	5.85	0.95	1	1	3.271462
HS20_str_inv	BOBJ1	197.91	Before	Interior Girder 5	5.85	0.95	1	1	4.015917
HS20_str_inv	BOBJ1	197.91	Before	Interior Girder 6	5.85	0.95	1	1	3.685169
HS20_str_inv	BOBJ1	197.91	Before	Right Exterior Girder	5.85	0.95	1	1	5.242799
HS20_str_inv	BOBJ1	197.91	After	Left Exterior Girder	5.85	0.95	1	1	5.399639
HS20_str_inv	BOBJ1	197.91	After	Interior Girder 1	5.85	0.95	1	1	3.719319
HS20_str_inv	BOBJ1	197.91	After	Interior Girder 2	5.85	0.95	1	1	3.9722
HS20_str_inv	BOBJ1	197.91	After	Interior Girder 3	5.85	0.95	1	1	3.359678
HS20_str_inv	BOBJ1	197.91	After	Interior Girder 4	5.85	0.95	1	1	3.359678
HS20_str_inv	BOBJ1	197.91	After	Interior Girder 5	5.85	0.95	1	1	3.9722
HS20_str_inv	BOBJ1	197.91	After	Interior Girder 6	5.85	0.95	1	1	3.719319
HS20_str_inv	BOBJ1	197.91	After	Right Exterior Girder	5.85	0.95	1	1	5.399639
HS20_str_inv	BOBJ1	199.1816	Before	Left Exterior Girder	7.1216	0.95	1	1	5.41845
HS20_str_inv	BOBJ1	199.1816	Before	Right Exterior Girder	7.1216	0.95	1	1	5.41845
HS20_str_inv	BOBJ1	199.1816	After	Left Exterior Girder	7.1216	0.95	1	1	6.508891
HS20_str_inv	BOBJ1	199.1816	After	Right Exterior Girder	7.1216	0.95	1	1	6.508891
HS20_str_inv	BOBJ1	203.5267	Before	Left Exterior Girder	11.3107	0.95	1	1	6.575916
HS20_str_inv	BOBJ1	203.5267	Before	Interior Girder 1	11.3107	0.95	1	1	4.330219
HS20_str_inv	BOBJ1	203.5267	Before	Interior Girder 2	11.3107	0.95	1	1	4.038749
HS20_str_inv	BOBJ1	203.5267	Before	Interior Girder 3	11.3107	0.95	1	1	3.416631
HS20_str_inv	BOBJ1	203.5267	Before	Interior Girder 4	11.3107	0.95	1	1	3.416631
HS20_str_inv	BOBJ1	203.5267	Before	Interior Girder 5	11.3107	0.95	1	1	4.038749
HS20_str_inv	BOBJ1	203.5267	Before	Interior Girder 6	11.3107	0.95	1	1	4.330219
HS20_str_inv	BOBJ1	203.5267	Before	Right Exterior Girder	11.3107	0.95	1	1	6.575916
HS20_str_inv	BOBJ1	203.5267	After	Left Exterior Girder	11.3107	0.95	1	1	8.774481
HS20_str_inv	BOBJ1	203.5267	After	Interior Girder 1	11.3107	0.95	1	1	6.150296
HS20_str_inv	BOBJ1	203.5267	After	Interior Girder 2	11.3107	0.95	1	1	5.650249
HS20_str_inv	BOBJ1	203.5267	After	Interior Girder 3	11.3107	0.95	1	1	4.987418
HS20_str_inv	BOBJ1	203.5267	After	Interior Girder 4	11.3107	0.95	1	1	4.987418
HS20_str_inv	BOBJ1	203.5267	After	Interior Girder 5	11.3107	0.95	1	1	5.650249
HS20_str_inv	BOBJ1	203.5267	After	Interior Girder 6	11.3107	0.95	1	1	6.150296
HS20_str_inv	BOBJ1	203.5267	After	Right Exterior Girder	11.3107	0.95	1	1	8.774481
HS20_str_inv	BOBJ1	209.1433	Before	Left Exterior Girder	17.0833	0.95	1	1	8.876924
HS20_str_inv	BOBJ1	209.1433	Before	Interior Girder 1	17.0833	0.95	1	1	6.244575
HS20_str_inv	BOBJ1	209.1433	Before	Interior Girder 2	17.0833	0.95	1	1	5.736362
HS20_str_inv	BOBJ1	209.1433	Before	Interior Girder 3	17.0833	0.95	1	1	5.063975
HS20_str_inv	BOBJ1	209.1433	Before	Interior Girder 4	17.0833	0.95	1	1	5.063975

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Approach, Span 12-1									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
HS20_str_inv	BOBJ1	209.1433	Before	Interior Girder 5	17.0833	0.95	1	1	5.736362
HS20_str_inv	BOBJ1	209.1433	Before	Interior Girder 6	17.0833	0.95	1	1	6.244575
HS20_str_inv	BOBJ1	209.1433	Before	Right Exterior Girder	17.0833	0.95	1	1	8.876924
HS20_str_inv	BOBJ1	209.1433	After	Left Exterior Girder	17.0833	0.95	1	1	10.648803
HS20_str_inv	BOBJ1	209.1433	After	Interior Girder 1	17.0833	0.95	1	1	7.858015
HS20_str_inv	BOBJ1	209.1433	After	Interior Girder 2	17.0833	0.95	1	1	7.142487
HS20_str_inv	BOBJ1	209.1433	After	Interior Girder 3	17.0833	0.95	1	1	6.458838
HS20_str_inv	BOBJ1	209.1433	After	Interior Girder 4	17.0833	0.95	1	1	6.458838
HS20_str_inv	BOBJ1	209.1433	After	Interior Girder 5	17.0833	0.95	1	1	7.142487
HS20_str_inv	BOBJ1	209.1433	After	Interior Girder 6	17.0833	0.95	1	1	7.858015
HS20_str_inv	BOBJ1	209.1433	After	Right Exterior Girder	17.0833	0.95	1	1	10.648803
HS20_str_inv	BOBJ1	214.76	Before	Left Exterior Girder	22.7	0.95	1	1	10.769213
HS20_str_inv	BOBJ1	214.76	Before	Interior Girder 1	22.7	0.95	1	1	7.976163
HS20_str_inv	BOBJ1	214.76	Before	Interior Girder 2	22.7	0.95	1	1	7.249221
HS20_str_inv	BOBJ1	214.76	Before	Interior Girder 3	22.7	0.95	1	1	6.555893
HS20_str_inv	BOBJ1	214.76	Before	Interior Girder 4	22.7	0.95	1	1	6.555893
HS20_str_inv	BOBJ1	214.76	Before	Interior Girder 5	22.7	0.95	1	1	7.249221
HS20_str_inv	BOBJ1	214.76	Before	Interior Girder 6	22.7	0.95	1	1	7.976163
HS20_str_inv	BOBJ1	214.76	Before	Right Exterior Girder	22.7	0.95	1	1	10.769213
HS20_str_inv	BOBJ1	214.76	After	Left Exterior Girder	22.7	0.95	1	1	16.117603
HS20_str_inv	BOBJ1	214.76	After	Interior Girder 1	22.7	0.95	1	1	8.35465
HS20_str_inv	BOBJ1	214.76	After	Interior Girder 2	22.7	0.95	1	1	7.480209
HS20_str_inv	BOBJ1	214.76	After	Interior Girder 3	22.7	0.95	1	1	6.323962
HS20_str_inv	BOBJ1	214.76	After	Interior Girder 4	22.7	0.95	1	1	6.323962
HS20_str_inv	BOBJ1	214.76	After	Interior Girder 5	22.7	0.95	1	1	7.480209
HS20_str_inv	BOBJ1	214.76	After	Interior Girder 6	22.7	0.95	1	1	8.35465
HS20_str_inv	BOBJ1	214.76	After	Right Exterior Girder	22.7	0.95	1	1	16.117603
HS20_str_inv	BOBJ1	220.3767	Before	Left Exterior Girder	28.3167	0.95	1	1	16.294669
HS20_str_inv	BOBJ1	220.3767	Before	Interior Girder 1	28.3167	0.95	1	1	8.477365
HS20_str_inv	BOBJ1	220.3767	Before	Interior Girder 2	28.3167	0.95	1	1	7.589983
HS20_str_inv	BOBJ1	220.3767	Before	Interior Girder 3	28.3167	0.95	1	1	6.416841
HS20_str_inv	BOBJ1	220.3767	Before	Interior Girder 4	28.3167	0.95	1	1	6.416841
HS20_str_inv	BOBJ1	220.3767	Before	Interior Girder 5	28.3167	0.95	1	1	7.589983
HS20_str_inv	BOBJ1	220.3767	Before	Interior Girder 6	28.3167	0.95	1	1	8.477365
HS20_str_inv	BOBJ1	220.3767	Before	Right Exterior Girder	28.3167	0.95	1	1	16.294669
HS20_str_inv	BOBJ1	220.3767	After	Left Exterior Girder	28.3167	0.95	1	1	22.436828
HS20_str_inv	BOBJ1	220.3767	After	Interior Girder 1	28.3167	0.95	1	1	11.381154
HS20_str_inv	BOBJ1	220.3767	After	Interior Girder 2	28.3167	0.95	1	1	10.055121
HS20_str_inv	BOBJ1	220.3767	After	Interior Girder 3	28.3167	0.95	1	1	8.416795
HS20_str_inv	BOBJ1	220.3767	After	Interior Girder 4	28.3167	0.95	1	1	8.416795
HS20_str_inv	BOBJ1	220.3767	After	Interior Girder 5	28.3167	0.95	1	1	10.055121
HS20_str_inv	BOBJ1	220.3767	After	Interior Girder 6	28.3167	0.95	1	1	11.381154
HS20_str_inv	BOBJ1	220.3767	After	Right Exterior Girder	28.3167	0.95	1	1	22.436828
HS20_str_inv	BOBJ1	225.9933	Before	Left Exterior Girder	33.9333	0.95	1	1	22.676066
HS20_str_inv	BOBJ1	225.9933	Before	Interior Girder 1	33.9333	0.95	1	1	11.545188
HS20_str_inv	BOBJ1	225.9933	Before	Interior Girder 2	33.9333	0.95	1	1	10.199868
HS20_str_inv	BOBJ1	225.9933	Before	Interior Girder 3	33.9333	0.95	1	1	8.537965
HS20_str_inv	BOBJ1	225.9933	Before	Interior Girder 4	33.9333	0.95	1	1	8.537965
HS20_str_inv	BOBJ1	225.9933	Before	Interior Girder 5	33.9333	0.95	1	1	10.199868
HS20_str_inv	BOBJ1	225.9933	Before	Interior Girder 6	33.9333	0.95	1	1	11.545188
HS20_str_inv	BOBJ1	225.9933	Before	Right Exterior Girder	33.9333	0.95	1	1	22.676066
HS20_str_inv	BOBJ1	225.9933	After	Left Exterior Girder	33.9333	0.95	1	1	19.47681
HS20_str_inv	BOBJ1	225.9933	After	Interior Girder 1	33.9333	0.95	1	1	9.701748
HS20_str_inv	BOBJ1	225.9933	After	Interior Girder 2	33.9333	0.95	1	1	8.635618
HS20_str_inv	BOBJ1	225.9933	After	Interior Girder 3	33.9333	0.95	1	1	7.350166
HS20_str_inv	BOBJ1	225.9933	After	Interior Girder 4	33.9333	0.95	1	1	7.350166
HS20_str_inv	BOBJ1	225.9933	After	Interior Girder 5	33.9333	0.95	1	1	8.635618
HS20_str_inv	BOBJ1	225.9933	After	Interior Girder 6	33.9333	0.95	1	1	9.701748
HS20_str_inv	BOBJ1	225.9933	After	Right Exterior Girder	33.9333	0.95	1	1	19.47681
HS20_str_inv	BOBJ1	231.61	Before	Left Exterior Girder	39.55	0.95	1	1	19.27379
HS20_str_inv	BOBJ1	231.61	Before	Interior Girder 1	39.55	0.95	1	1	9.56515
HS20_str_inv	BOBJ1	231.61	Before	Interior Girder 2	39.55	0.95	1	1	8.513868
HS20_str_inv	BOBJ1	231.61	Before	Interior Girder 3	39.55	0.95	1	1	7.246489
HS20_str_inv	BOBJ1	231.61	Before	Interior Girder 4	39.55	0.95	1	1	7.246489
HS20_str_inv	BOBJ1	231.61	Before	Interior Girder 5	39.55	0.95	1	1	8.513868

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Approach, Span 12-15									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
HS20_str_inv	BOBJ1	231.61	Before	Interior Girder 6	39.55	0.95	1	1	9.56515
HS20_str_inv	BOBJ1	231.61	Before	Right Exterior Girder	39.55	0.95	1	1	19.27379
HS20_str_inv	BOBJ1	231.61	After	Left Exterior Girder	39.55	0.95	1	1	12.534491
HS20_str_inv	BOBJ1	231.61	After	Interior Girder 1	39.55	0.95	1	1	9.192938
HS20_str_inv	BOBJ1	231.61	After	Interior Girder 2	39.55	0.95	1	1	8.302726
HS20_str_inv	BOBJ1	231.61	After	Interior Girder 3	39.55	0.95	1	1	7.742944
HS20_str_inv	BOBJ1	231.61	After	Interior Girder 4	39.55	0.95	1	1	7.742944
HS20_str_inv	BOBJ1	231.61	After	Interior Girder 5	39.55	0.95	1	1	8.302726
HS20_str_inv	BOBJ1	231.61	After	Interior Girder 6	39.55	0.95	1	1	9.192938
HS20_str_inv	BOBJ1	231.61	After	Right Exterior Girder	39.55	0.95	1	1	12.534491
HS20_str_inv	BOBJ1	237.37	Before	Left Exterior Girder	45.31	0.95	1	1	12.396938
HS20_str_inv	BOBJ1	237.37	Before	Interior Girder 1	45.31	0.95	1	1	9.056943
HS20_str_inv	BOBJ1	237.37	Before	Interior Girder 2	45.31	0.95	1	1	8.180485
HS20_str_inv	BOBJ1	237.37	Before	Interior Girder 3	45.31	0.95	1	1	7.628576
HS20_str_inv	BOBJ1	237.37	Before	Interior Girder 4	45.31	0.95	1	1	7.628576
HS20_str_inv	BOBJ1	237.37	Before	Interior Girder 5	45.31	0.95	1	1	8.180485
HS20_str_inv	BOBJ1	237.37	Before	Interior Girder 6	45.31	0.95	1	1	9.056943
HS20_str_inv	BOBJ1	237.37	Before	Right Exterior Girder	45.31	0.95	1	1	12.396938
HS20_str_inv	BOBJ1	237.37	After	Left Exterior Girder	45.31	0.95	1	1	10.057946
HS20_str_inv	BOBJ1	237.37	After	Interior Girder 1	45.31	0.95	1	1	6.910322
HS20_str_inv	BOBJ1	237.37	After	Interior Girder 2	45.31	0.95	1	1	6.301108
HS20_str_inv	BOBJ1	237.37	After	Interior Girder 3	45.31	0.95	1	1	5.720445
HS20_str_inv	BOBJ1	237.37	After	Interior Girder 4	45.31	0.95	1	1	5.720445
HS20_str_inv	BOBJ1	237.37	After	Interior Girder 5	45.31	0.95	1	1	6.301108
HS20_str_inv	BOBJ1	237.37	After	Interior Girder 6	45.31	0.95	1	1	6.910322
HS20_str_inv	BOBJ1	237.37	After	Right Exterior Girder	45.31	0.95	1	1	10.057946
HS20_str_inv	BOBJ1	243.13	Before	Left Exterior Girder	51.07	0.95	1	1	9.944177
HS20_str_inv	BOBJ1	243.13	Before	Interior Girder 1	51.07	0.95	1	1	6.806044
HS20_str_inv	BOBJ1	243.13	Before	Interior Girder 2	51.07	0.95	1	1	6.206491
HS20_str_inv	BOBJ1	243.13	Before	Interior Girder 3	51.07	0.95	1	1	5.634198
HS20_str_inv	BOBJ1	243.13	Before	Interior Girder 4	51.07	0.95	1	1	5.634198
HS20_str_inv	BOBJ1	243.13	Before	Interior Girder 5	51.07	0.95	1	1	6.206491
HS20_str_inv	BOBJ1	243.13	Before	Interior Girder 6	51.07	0.95	1	1	6.806044
HS20_str_inv	BOBJ1	243.13	Before	Right Exterior Girder	51.07	0.95	1	1	9.944177
HS20_str_inv	BOBJ1	243.13	After	Left Exterior Girder	51.07	0.95	1	1	8.565966
HS20_str_inv	BOBJ1	243.13	After	Interior Girder 1	51.07	0.95	1	1	5.236332
HS20_str_inv	BOBJ1	243.13	After	Interior Girder 2	51.07	0.95	1	1	4.873818
HS20_str_inv	BOBJ1	243.13	After	Interior Girder 3	51.07	0.95	1	1	4.176001
HS20_str_inv	BOBJ1	243.13	After	Interior Girder 4	51.07	0.95	1	1	4.176001
HS20_str_inv	BOBJ1	243.13	After	Interior Girder 5	51.07	0.95	1	1	4.873818
HS20_str_inv	BOBJ1	243.13	After	Interior Girder 6	51.07	0.95	1	1	5.236332
HS20_str_inv	BOBJ1	243.13	After	Right Exterior Girder	51.07	0.95	1	1	8.565966
HS20_str_inv	BOBJ1	248.89	Before	Left Exterior Girder	56.83	0.95	1	1	8.465816
HS20_str_inv	BOBJ1	248.89	Before	Interior Girder 1	56.83	0.95	1	1	5.15589
HS20_str_inv	BOBJ1	248.89	Before	Interior Girder 2	56.83	0.95	1	1	4.799119
HS20_str_inv	BOBJ1	248.89	Before	Interior Girder 3	56.83	0.95	1	1	4.111691
HS20_str_inv	BOBJ1	248.89	Before	Interior Girder 4	56.83	0.95	1	1	4.111691
HS20_str_inv	BOBJ1	248.89	Before	Interior Girder 5	56.83	0.95	1	1	4.799119
HS20_str_inv	BOBJ1	248.89	Before	Interior Girder 6	56.83	0.95	1	1	5.15589
HS20_str_inv	BOBJ1	248.89	Before	Right Exterior Girder	56.83	0.95	1	1	8.465816
HS15_str_opr	BOBJ1	0	After	Left Exterior Girder	0	0.95	1	1	14.411769
HS15_str_opr	BOBJ1	0	After	Interior Girder 1	0	0.95	1	1	9.899543
HS15_str_opr	BOBJ1	0	After	Interior Girder 2	0	0.95	1	1	9.108777
HS15_str_opr	BOBJ1	0	After	Interior Girder 3	0	0.95	1	1	7.955257
HS15_str_opr	BOBJ1	0	After	Interior Girder 4	0	0.95	1	1	7.955257
HS15_str_opr	BOBJ1	0	After	Interior Girder 5	0	0.95	1	1	9.108777
HS15_str_opr	BOBJ1	0	After	Interior Girder 6	0	0.95	1	1	9.899543
HS15_str_opr	BOBJ1	0	After	Right Exterior Girder	0	0.95	1	1	14.411769
HS15_str_opr	BOBJ1	5.85	Before	Left Exterior Girder	5.85	0.95	1	1	14.57076
HS15_str_opr	BOBJ1	5.85	Before	Interior Girder 1	5.85	0.95	1	1	10.046449
HS15_str_opr	BOBJ1	5.85	Before	Interior Girder 2	5.85	0.95	1	1	9.243091
HS15_str_opr	BOBJ1	5.85	Before	Interior Girder 3	5.85	0.95	1	1	8.073415
HS15_str_opr	BOBJ1	5.85	Before	Interior Girder 4	5.85	0.95	1	1	8.073415
HS15_str_opr	BOBJ1	5.85	Before	Interior Girder 5	5.85	0.95	1	1	9.243091
HS15_str_opr	BOBJ1	5.85	Before	Interior Girder 6	5.85	0.95	1	1	10.046449

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Approach, Span 12-1									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
HS15_str_opr	BOBJ1	5.85	Before	Right Exterior Girder	5.85	0.95	1	1	14.57076
HS15_str_opr	BOBJ1	5.85	After	Left Exterior Girder	5.85	0.95	1	1	18.669039
HS15_str_opr	BOBJ1	5.85	After	Interior Girder 1	5.85	0.95	1	1	11.656415
HS15_str_opr	BOBJ1	5.85	After	Interior Girder 2	5.85	0.95	1	1	10.76052
HS15_str_opr	BOBJ1	5.85	After	Interior Girder 3	5.85	0.95	1	1	9.527465
HS15_str_opr	BOBJ1	5.85	After	Interior Girder 4	5.85	0.95	1	1	9.527465
HS15_str_opr	BOBJ1	5.85	After	Interior Girder 5	5.85	0.95	1	1	10.76052
HS15_str_opr	BOBJ1	5.85	After	Interior Girder 6	5.85	0.95	1	1	11.656415
HS15_str_opr	BOBJ1	5.85	After	Right Exterior Girder	5.85	0.95	1	1	18.669039
HS15_str_opr	BOBJ1	11.4667	Before	Left Exterior Girder	11.4667	0.95	1	1	18.860738
HS15_str_opr	BOBJ1	11.4667	Before	Interior Girder 1	11.4667	0.95	1	1	11.818982
HS15_str_opr	BOBJ1	11.4667	Before	Interior Girder 2	11.4667	0.95	1	1	10.910255
HS15_str_opr	BOBJ1	11.4667	Before	Interior Girder 3	11.4667	0.95	1	1	9.660246
HS15_str_opr	BOBJ1	11.4667	Before	Interior Girder 4	11.4667	0.95	1	1	9.660246
HS15_str_opr	BOBJ1	11.4667	Before	Interior Girder 5	11.4667	0.95	1	1	10.910255
HS15_str_opr	BOBJ1	11.4667	Before	Interior Girder 6	11.4667	0.95	1	1	11.818982
HS15_str_opr	BOBJ1	11.4667	Before	Right Exterior Girder	11.4667	0.95	1	1	18.860738
HS15_str_opr	BOBJ1	11.4667	After	Left Exterior Girder	11.4667	0.95	1	1	23.258331
HS15_str_opr	BOBJ1	11.4667	After	Interior Girder 1	11.4667	0.95	1	1	15.345096
HS15_str_opr	BOBJ1	11.4667	After	Interior Girder 2	11.4667	0.95	1	1	14.015957
HS15_str_opr	BOBJ1	11.4667	After	Interior Girder 3	11.4667	0.95	1	1	12.676222
HS15_str_opr	BOBJ1	11.4667	After	Interior Girder 4	11.4667	0.95	1	1	12.676222
HS15_str_opr	BOBJ1	11.4667	After	Interior Girder 5	11.4667	0.95	1	1	14.015957
HS15_str_opr	BOBJ1	11.4667	After	Interior Girder 6	11.4667	0.95	1	1	15.345096
HS15_str_opr	BOBJ1	11.4667	After	Right Exterior Girder	11.4667	0.95	1	1	23.258331
HS15_str_opr	BOBJ1	17.0833	Before	Left Exterior Girder	17.0833	0.95	1	1	23.490336
HS15_str_opr	BOBJ1	17.0833	Before	Interior Girder 1	17.0833	0.95	1	1	15.555273
HS15_str_opr	BOBJ1	17.0833	Before	Interior Girder 2	17.0833	0.95	1	1	14.207431
HS15_str_opr	BOBJ1	17.0833	Before	Interior Girder 3	17.0833	0.95	1	1	12.849529
HS15_str_opr	BOBJ1	17.0833	Before	Interior Girder 4	17.0833	0.95	1	1	12.849529
HS15_str_opr	BOBJ1	17.0833	Before	Interior Girder 5	17.0833	0.95	1	1	14.207431
HS15_str_opr	BOBJ1	17.0833	Before	Interior Girder 6	17.0833	0.95	1	1	15.555273
HS15_str_opr	BOBJ1	17.0833	Before	Right Exterior Girder	17.0833	0.95	1	1	23.490336
HS15_str_opr	BOBJ1	17.0833	After	Left Exterior Girder	17.0833	0.95	1	1	30.013209
HS15_str_opr	BOBJ1	17.0833	After	Interior Girder 1	17.0833	0.95	1	1	20.731891
HS15_str_opr	BOBJ1	17.0833	After	Interior Girder 2	17.0833	0.95	1	1	18.863644
HS15_str_opr	BOBJ1	17.0833	After	Interior Girder 3	17.0833	0.95	1	1	17.058825
HS15_str_opr	BOBJ1	17.0833	After	Interior Girder 4	17.0833	0.95	1	1	17.058825
HS15_str_opr	BOBJ1	17.0833	After	Interior Girder 5	17.0833	0.95	1	1	18.863644
HS15_str_opr	BOBJ1	17.0833	After	Interior Girder 6	17.0833	0.95	1	1	20.731891
HS15_str_opr	BOBJ1	17.0833	After	Right Exterior Girder	17.0833	0.95	1	1	30.013209
HS15_str_opr	BOBJ1	22.7	Before	Left Exterior Girder	22.7	0.95	1	1	30.30441
HS15_str_opr	BOBJ1	22.7	Before	Interior Girder 1	22.7	0.95	1	1	21.010723
HS15_str_opr	BOBJ1	22.7	Before	Interior Girder 2	22.7	0.95	1	1	19.116677
HS15_str_opr	BOBJ1	22.7	Before	Interior Girder 3	22.7	0.95	1	1	16.920437
HS15_str_opr	BOBJ1	22.7	Before	Interior Girder 4	22.7	0.95	1	1	16.920437
HS15_str_opr	BOBJ1	22.7	Before	Interior Girder 5	22.7	0.95	1	1	19.116677
HS15_str_opr	BOBJ1	22.7	Before	Interior Girder 6	22.7	0.95	1	1	21.010723
HS15_str_opr	BOBJ1	22.7	Before	Right Exterior Girder	22.7	0.95	1	1	30.30441
HS15_str_opr	BOBJ1	22.7	After	Left Exterior Girder	22.7	0.95	1	1	36.645832
HS15_str_opr	BOBJ1	22.7	After	Interior Girder 1	22.7	0.95	1	1	20.888579
HS15_str_opr	BOBJ1	22.7	After	Interior Girder 2	22.7	0.95	1	1	18.25032
HS15_str_opr	BOBJ1	22.7	After	Interior Girder 3	22.7	0.95	1	1	15.392558
HS15_str_opr	BOBJ1	22.7	After	Interior Girder 4	22.7	0.95	1	1	15.392558
HS15_str_opr	BOBJ1	22.7	After	Interior Girder 5	22.7	0.95	1	1	18.25032
HS15_str_opr	BOBJ1	22.7	After	Interior Girder 6	22.7	0.95	1	1	20.888579
HS15_str_opr	BOBJ1	22.7	After	Right Exterior Girder	22.7	0.95	1	1	36.645832
HS15_str_opr	BOBJ1	28.3167	Before	Left Exterior Girder	28.3167	0.95	1	1	36.288083
HS15_str_opr	BOBJ1	28.3167	Before	Interior Girder 1	28.3167	0.95	1	1	21.162776
HS15_str_opr	BOBJ1	28.3167	Before	Interior Girder 2	28.3167	0.95	1	1	18.490776
HS15_str_opr	BOBJ1	28.3167	Before	Interior Girder 3	28.3167	0.95	1	1	15.595231
HS15_str_opr	BOBJ1	28.3167	Before	Interior Girder 4	28.3167	0.95	1	1	15.595231
HS15_str_opr	BOBJ1	28.3167	Before	Interior Girder 5	28.3167	0.95	1	1	18.490776
HS15_str_opr	BOBJ1	28.3167	Before	Interior Girder 6	28.3167	0.95	1	1	21.162776
HS15_str_opr	BOBJ1	28.3167	Before	Right Exterior Girder	28.3167	0.95	1	1	36.288083

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Approach, Span 12-1									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
HS15_str_opr	BOBJ1	28.3167	After	Left Exterior Girder	28.3167	0.95	1	1	26.797771
HS15_str_opr	BOBJ1	28.3167	After	Interior Girder 1	28.3167	0.95	1	1	16.182886
HS15_str_opr	BOBJ1	28.3167	After	Interior Girder 2	28.3167	0.95	1	1	14.756487
HS15_str_opr	BOBJ1	28.3167	After	Interior Girder 3	28.3167	0.95	1	1	12.636169
HS15_str_opr	BOBJ1	28.3167	After	Interior Girder 4	28.3167	0.95	1	1	12.636169
HS15_str_opr	BOBJ1	28.3167	After	Interior Girder 5	28.3167	0.95	1	1	14.756487
HS15_str_opr	BOBJ1	28.3167	After	Interior Girder 6	28.3167	0.95	1	1	16.182886
HS15_str_opr	BOBJ1	28.3167	After	Right Exterior Girder	28.3167	0.95	1	1	26.797771
HS15_str_opr	BOBJ1	33.9333	Before	Left Exterior Girder	33.9333	0.95	1	1	26.52873
HS15_str_opr	BOBJ1	33.9333	Before	Interior Girder 1	33.9333	0.95	1	1	15.962411
HS15_str_opr	BOBJ1	33.9333	Before	Interior Girder 2	33.9333	0.95	1	1	14.556171
HS15_str_opr	BOBJ1	33.9333	Before	Interior Girder 3	33.9333	0.95	1	1	12.464449
HS15_str_opr	BOBJ1	33.9333	Before	Interior Girder 4	33.9333	0.95	1	1	12.464449
HS15_str_opr	BOBJ1	33.9333	Before	Interior Girder 5	33.9333	0.95	1	1	14.556171
HS15_str_opr	BOBJ1	33.9333	Before	Interior Girder 6	33.9333	0.95	1	1	15.962411
HS15_str_opr	BOBJ1	33.9333	Before	Right Exterior Girder	33.9333	0.95	1	1	26.52873
HS15_str_opr	BOBJ1	33.9333	After	Left Exterior Girder	33.9333	0.95	1	1	20.634511
HS15_str_opr	BOBJ1	33.9333	After	Interior Girder 1	33.9333	0.95	1	1	12.321061
HS15_str_opr	BOBJ1	33.9333	After	Interior Girder 2	33.9333	0.95	1	1	11.29127
HS15_str_opr	BOBJ1	33.9333	After	Interior Girder 3	33.9333	0.95	1	1	9.683604
HS15_str_opr	BOBJ1	33.9333	After	Interior Girder 4	33.9333	0.95	1	1	9.683604
HS15_str_opr	BOBJ1	33.9333	After	Interior Girder 5	33.9333	0.95	1	1	11.29127
HS15_str_opr	BOBJ1	33.9333	After	Interior Girder 6	33.9333	0.95	1	1	12.321061
HS15_str_opr	BOBJ1	33.9333	After	Right Exterior Girder	33.9333	0.95	1	1	20.634511
HS15_str_opr	BOBJ1	39.55	Before	Left Exterior Girder	39.55	0.95	1	1	20.421182
HS15_str_opr	BOBJ1	39.55	Before	Interior Girder 1	39.55	0.95	1	1	12.150195
HS15_str_opr	BOBJ1	39.55	Before	Interior Girder 2	39.55	0.95	1	1	11.135181
HS15_str_opr	BOBJ1	39.55	Before	Interior Girder 3	39.55	0.95	1	1	9.549448
HS15_str_opr	BOBJ1	39.55	Before	Interior Girder 4	39.55	0.95	1	1	9.549448
HS15_str_opr	BOBJ1	39.55	Before	Interior Girder 5	39.55	0.95	1	1	11.135181
HS15_str_opr	BOBJ1	39.55	Before	Interior Girder 6	39.55	0.95	1	1	12.150195
HS15_str_opr	BOBJ1	39.55	Before	Right Exterior Girder	39.55	0.95	1	1	20.421182
HS15_str_opr	BOBJ1	39.55	After	Left Exterior Girder	39.55	0.95	1	1	15.088043
HS15_str_opr	BOBJ1	39.55	After	Interior Girder 1	39.55	0.95	1	1	11.584962
HS15_str_opr	BOBJ1	39.55	After	Interior Girder 2	39.55	0.95	1	1	10.548691
HS15_str_opr	BOBJ1	39.55	After	Interior Girder 3	39.55	0.95	1	1	9.49009
HS15_str_opr	BOBJ1	39.55	After	Interior Girder 4	39.55	0.95	1	1	9.49009
HS15_str_opr	BOBJ1	39.55	After	Interior Girder 5	39.55	0.95	1	1	10.548691
HS15_str_opr	BOBJ1	39.55	After	Interior Girder 6	39.55	0.95	1	1	11.584962
HS15_str_opr	BOBJ1	39.55	After	Right Exterior Girder	39.55	0.95	1	1	15.088043
HS15_str_opr	BOBJ1	45.1733	Before	Left Exterior Girder	45.1226	0.95	1	1	14.927081
HS15_str_opr	BOBJ1	45.1733	Before	Interior Girder 1	45.1226	0.95	1	1	11.420852
HS15_str_opr	BOBJ1	45.1733	Before	Interior Girder 2	45.1226	0.95	1	1	10.400375
HS15_str_opr	BOBJ1	45.1733	Before	Interior Girder 3	45.1226	0.95	1	1	9.355324
HS15_str_opr	BOBJ1	45.1733	Before	Interior Girder 4	45.1226	0.95	1	1	9.355324
HS15_str_opr	BOBJ1	45.1733	Before	Interior Girder 5	45.1226	0.95	1	1	10.400375
HS15_str_opr	BOBJ1	45.1733	Before	Interior Girder 6	45.1226	0.95	1	1	11.420852
HS15_str_opr	BOBJ1	45.1733	Before	Right Exterior Girder	45.1226	0.95	1	1	14.927081
HS15_str_opr	BOBJ1	45.1733	After	Left Exterior Girder	45.1226	0.95	1	1	10.965922
HS15_str_opr	BOBJ1	45.1733	After	Interior Girder 1	45.1226	0.95	1	1	7.730357
HS15_str_opr	BOBJ1	45.1733	After	Interior Girder 2	45.1226	0.95	1	1	7.145626
HS15_str_opr	BOBJ1	45.1733	After	Interior Girder 3	45.1226	0.95	1	1	6.124377
HS15_str_opr	BOBJ1	45.1733	After	Interior Girder 4	45.1226	0.95	1	1	6.124377
HS15_str_opr	BOBJ1	45.1733	After	Interior Girder 5	45.1226	0.95	1	1	7.145626
HS15_str_opr	BOBJ1	45.1733	After	Interior Girder 6	45.1226	0.95	1	1	7.730357
HS15_str_opr	BOBJ1	45.1733	After	Right Exterior Girder	45.1226	0.95	1	1	10.965922
HS15_str_opr	BOBJ1	49.2561	Before	Left Exterior Girder	49.2561	0.95	1	1	10.864495
HS15_str_opr	BOBJ1	49.2561	Before	Right Exterior Girder	49.2561	0.95	1	1	10.864495
HS15_str_opr	BOBJ1	49.2561	After	Left Exterior Girder	49.2561	0.95	1	1	9.300639
HS15_str_opr	BOBJ1	49.2561	After	Right Exterior Girder	49.2561	0.95	1	1	9.300639
HS15_str_opr	BOBJ1	50.7967	Before	Left Exterior Girder	50.7967	0.95	1	1	9.26401
HS15_str_opr	BOBJ1	50.7967	Before	Interior Girder 1	50.7967	0.95	1	1	6.34571
HS15_str_opr	BOBJ1	50.7967	Before	Interior Girder 2	50.7967	0.95	1	1	7.028149
HS15_str_opr	BOBJ1	50.7967	Before	Interior Girder 3	50.7967	0.95	1	1	6.02215
HS15_str_opr	BOBJ1	50.7967	Before	Interior Girder 4	50.7967	0.95	1	1	6.02215

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Approach, Span 12-1									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
HS15_str_opr	BOBJ1	50.7967	Before	Interior Girder 5	50.7967	0.95	1	1	7.028149
HS15_str_opr	BOBJ1	50.7967	Before	Interior Girder 6	50.7967	0.95	1	1	6.34571
HS15_str_opr	BOBJ1	50.7967	Before	Right Exterior Girder	50.7967	0.95	1	1	9.26401
HS15_str_opr	BOBJ1	50.7967	After	Left Exterior Girder	50.7967	0.95	1	1	9.429644
HS15_str_opr	BOBJ1	50.7967	After	Interior Girder 1	50.7967	0.95	1	1	5.46777
HS15_str_opr	BOBJ1	50.7967	After	Interior Girder 2	50.7967	0.95	1	1	5.583517
HS15_str_opr	BOBJ1	50.7967	After	Interior Girder 3	50.7967	0.95	1	1	4.466717
HS15_str_opr	BOBJ1	50.7967	After	Interior Girder 4	50.7967	0.95	1	1	4.466717
HS15_str_opr	BOBJ1	50.7967	After	Interior Girder 5	50.7967	0.95	1	1	5.583517
HS15_str_opr	BOBJ1	50.7967	After	Interior Girder 6	50.7967	0.95	1	1	5.46777
HS15_str_opr	BOBJ1	50.7967	After	Right Exterior Girder	50.7967	0.95	1	1	9.429644
HS15_str_opr	BOBJ1	51.3989	Before	Interior Girder 1	51.3989	0.95	1	1	5.457637
HS15_str_opr	BOBJ1	51.3989	Before	Interior Girder 2	51.3989	0.95	1	1	5.573499
HS15_str_opr	BOBJ1	51.3989	Before	Interior Girder 3	51.3989	0.95	1	1	4.458546
HS15_str_opr	BOBJ1	51.3989	Before	Interior Girder 4	51.3989	0.95	1	1	4.458546
HS15_str_opr	BOBJ1	51.3989	Before	Interior Girder 5	51.3989	0.95	1	1	5.573499
HS15_str_opr	BOBJ1	51.3989	Before	Interior Girder 6	51.3989	0.95	1	1	5.457637
HS15_str_opr	BOBJ1	51.3989	After	Interior Girder 1	51.3989	0.95	1	1	6.288932
HS15_str_opr	BOBJ1	51.3989	After	Interior Girder 2	51.3989	0.95	1	1	5.871856
HS15_str_opr	BOBJ1	51.3989	After	Interior Girder 3	51.3989	0.95	1	1	4.773767
HS15_str_opr	BOBJ1	51.3989	After	Interior Girder 4	51.3989	0.95	1	1	4.773767
HS15_str_opr	BOBJ1	51.3989	After	Interior Girder 5	51.3989	0.95	1	1	5.871856
HS15_str_opr	BOBJ1	51.3989	After	Interior Girder 6	51.3989	0.95	1	1	6.288932
HS15_str_opr	BOBJ1	56.42	Before	Left Exterior Girder	56.42	0.95	1	1	9.741284
HS15_str_opr	BOBJ1	56.42	Before	Interior Girder 1	56.42	0.95	1	1	6.189089
HS15_str_opr	BOBJ1	56.42	Before	Interior Girder 2	56.42	0.95	1	1	5.779394
HS15_str_opr	BOBJ1	56.42	Before	Interior Girder 3	56.42	0.95	1	1	4.696982
HS15_str_opr	BOBJ1	56.42	Before	Interior Girder 4	56.42	0.95	1	1	4.696982
HS15_str_opr	BOBJ1	56.42	Before	Interior Girder 5	56.42	0.95	1	1	5.779394
HS15_str_opr	BOBJ1	56.42	Before	Interior Girder 6	56.42	0.95	1	1	6.189089
HS15_str_opr	BOBJ1	56.42	Before	Right Exterior Girder	56.42	0.95	1	1	9.741284
HS15_str_opr	BOBJ1	56.42	After	Left Exterior Girder	0	0.95	1	1	9.648832
HS15_str_opr	BOBJ1	56.42	After	Interior Girder 1	0	0.95	1	1	6.320625
HS15_str_opr	BOBJ1	56.42	After	Interior Girder 2	0	0.95	1	1	5.886802
HS15_str_opr	BOBJ1	56.42	After	Interior Girder 3	0	0.95	1	1	4.790228
HS15_str_opr	BOBJ1	56.42	After	Interior Girder 4	0	0.95	1	1	4.790228
HS15_str_opr	BOBJ1	56.42	After	Interior Girder 5	0	0.95	1	1	5.886802
HS15_str_opr	BOBJ1	56.42	After	Interior Girder 6	0	0.95	1	1	6.320625
HS15_str_opr	BOBJ1	56.42	After	Right Exterior Girder	0	0.95	1	1	9.648832
HS15_str_opr	BOBJ1	62.0367	Before	Left Exterior Girder	5.6167	0.95	1	1	9.795576
HS15_str_opr	BOBJ1	62.0367	Before	Interior Girder 1	5.6167	0.95	1	1	6.433591
HS15_str_opr	BOBJ1	62.0367	Before	Interior Girder 2	5.6167	0.95	1	1	5.991241
HS15_str_opr	BOBJ1	62.0367	Before	Interior Girder 3	5.6167	0.95	1	1	4.877077
HS15_str_opr	BOBJ1	62.0367	Before	Interior Girder 4	5.6167	0.95	1	1	4.877077
HS15_str_opr	BOBJ1	62.0367	Before	Interior Girder 5	5.6167	0.95	1	1	5.991241
HS15_str_opr	BOBJ1	62.0367	Before	Interior Girder 6	5.6167	0.95	1	1	6.433591
HS15_str_opr	BOBJ1	62.0367	Before	Right Exterior Girder	5.6167	0.95	1	1	9.795576
HS15_str_opr	BOBJ1	62.0367	After	Left Exterior Girder	5.6167	0.95	1	1	14.82136
HS15_str_opr	BOBJ1	62.0367	After	Interior Girder 1	5.6167	0.95	1	1	5.944694
HS15_str_opr	BOBJ1	62.0367	After	Interior Girder 2	5.6167	0.95	1	1	6.637647
HS15_str_opr	BOBJ1	62.0367	After	Interior Girder 3	5.6167	0.95	1	1	5.594622
HS15_str_opr	BOBJ1	62.0367	After	Interior Girder 4	5.6167	0.95	1	1	5.594622
HS15_str_opr	BOBJ1	62.0367	After	Interior Girder 5	5.6167	0.95	1	1	6.637647
HS15_str_opr	BOBJ1	62.0367	After	Interior Girder 6	5.6167	0.95	1	1	5.944694
HS15_str_opr	BOBJ1	62.0367	After	Right Exterior Girder	5.6167	0.95	1	1	14.82136
HS15_str_opr	BOBJ1	62.4203	Before	Interior Girder 1	6.0003	0.95	1	1	5.951972
HS15_str_opr	BOBJ1	62.4203	Before	Interior Girder 2	6.0003	0.95	1	1	6.645535
HS15_str_opr	BOBJ1	62.4203	Before	Interior Girder 3	6.0003	0.95	1	1	5.601403
HS15_str_opr	BOBJ1	62.4203	Before	Interior Girder 4	6.0003	0.95	1	1	5.601403
HS15_str_opr	BOBJ1	62.4203	Before	Interior Girder 5	6.0003	0.95	1	1	6.645535
HS15_str_opr	BOBJ1	62.4203	Before	Interior Girder 6	6.0003	0.95	1	1	5.951972
HS15_str_opr	BOBJ1	62.4203	After	Interior Girder 1	6.0003	0.95	1	1	5.976491
HS15_str_opr	BOBJ1	62.4203	After	Interior Girder 2	6.0003	0.95	1	1	7.115558
HS15_str_opr	BOBJ1	62.4203	After	Interior Girder 3	6.0003	0.95	1	1	6.131773
HS15_str_opr	BOBJ1	62.4203	After	Interior Girder 4	6.0003	0.95	1	1	6.131773

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Approach, Span 12-1									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
HS15_str_opr	BOBJ1	62.4203	After	Interior Girder 5	6.0003	0.95	1	1	7.115558
HS15_str_opr	BOBJ1	62.4203	After	Interior Girder 6	6.0003	0.95	1	1	5.976491
HS15_str_opr	BOBJ1	64.9204	Before	Left Exterior Girder	8.5004	0.95	1	1	10.572532
HS15_str_opr	BOBJ1	64.9204	Before	Right Exterior Girder	8.5004	0.95	1	1	10.572532
HS15_str_opr	BOBJ1	64.9204	After	Left Exterior Girder	8.5004	0.95	1	1	10.699039
HS15_str_opr	BOBJ1	64.9204	After	Right Exterior Girder	8.5004	0.95	1	1	10.699039
HS15_str_opr	BOBJ1	67.6533	Before	Left Exterior Girder	11.2333	0.95	1	1	10.764181
HS15_str_opr	BOBJ1	67.6533	Before	Interior Girder 1	11.2333	0.95	1	1	7.895354
HS15_str_opr	BOBJ1	67.6533	Before	Interior Girder 2	11.2333	0.95	1	1	7.225167
HS15_str_opr	BOBJ1	67.6533	Before	Interior Girder 3	11.2333	0.95	1	1	6.227736
HS15_str_opr	BOBJ1	67.6533	Before	Interior Girder 4	11.2333	0.95	1	1	6.227736
HS15_str_opr	BOBJ1	67.6533	Before	Interior Girder 5	11.2333	0.95	1	1	7.225167
HS15_str_opr	BOBJ1	67.6533	Before	Interior Girder 6	11.2333	0.95	1	1	7.895354
HS15_str_opr	BOBJ1	67.6533	Before	Right Exterior Girder	11.2333	0.95	1	1	10.764181
HS15_str_opr	BOBJ1	67.6533	After	Left Exterior Girder	11.2333	0.95	1	1	12.014559
HS15_str_opr	BOBJ1	67.6533	After	Interior Girder 1	11.2333	0.95	1	1	9.640935
HS15_str_opr	BOBJ1	67.6533	After	Interior Girder 2	11.2333	0.95	1	1	8.810807
HS15_str_opr	BOBJ1	67.6533	After	Interior Girder 3	11.2333	0.95	1	1	8.006932
HS15_str_opr	BOBJ1	67.6533	After	Interior Girder 4	11.2333	0.95	1	1	8.006932
HS15_str_opr	BOBJ1	67.6533	After	Interior Girder 5	11.2333	0.95	1	1	8.810807
HS15_str_opr	BOBJ1	67.6533	After	Interior Girder 6	11.2333	0.95	1	1	9.640935
HS15_str_opr	BOBJ1	67.6533	After	Right Exterior Girder	11.2333	0.95	1	1	12.014559
HS15_str_opr	BOBJ1	73.27	Before	Left Exterior Girder	16.85	0.95	1	1	12.160347
HS15_str_opr	BOBJ1	73.27	Before	Interior Girder 1	16.85	0.95	1	1	9.798476
HS15_str_opr	BOBJ1	73.27	Before	Interior Girder 2	16.85	0.95	1	1	8.953635
HS15_str_opr	BOBJ1	73.27	Before	Interior Girder 3	16.85	0.95	1	1	8.13836
HS15_str_opr	BOBJ1	73.27	Before	Interior Girder 4	16.85	0.95	1	1	8.13836
HS15_str_opr	BOBJ1	73.27	Before	Interior Girder 5	16.85	0.95	1	1	8.953635
HS15_str_opr	BOBJ1	73.27	Before	Interior Girder 6	16.85	0.95	1	1	9.798476
HS15_str_opr	BOBJ1	73.27	Before	Right Exterior Girder	16.85	0.95	1	1	12.160347
HS15_str_opr	BOBJ1	73.27	After	Left Exterior Girder	16.85	0.95	1	1	16.229296
HS15_str_opr	BOBJ1	73.27	After	Interior Girder 1	16.85	0.95	1	1	10.167438
HS15_str_opr	BOBJ1	73.27	After	Interior Girder 2	16.85	0.95	1	1	9.443821
HS15_str_opr	BOBJ1	73.27	After	Interior Girder 3	16.85	0.95	1	1	8.175737
HS15_str_opr	BOBJ1	73.27	After	Interior Girder 4	16.85	0.95	1	1	8.175737
HS15_str_opr	BOBJ1	73.27	After	Interior Girder 5	16.85	0.95	1	1	9.443821
HS15_str_opr	BOBJ1	73.27	After	Interior Girder 6	16.85	0.95	1	1	10.167438
HS15_str_opr	BOBJ1	73.27	After	Right Exterior Girder	16.85	0.95	1	1	16.229296
HS15_str_opr	BOBJ1	78.8867	Before	Left Exterior Girder	22.4667	0.95	1	1	16.419224
HS15_str_opr	BOBJ1	78.8867	Before	Interior Girder 1	22.4667	0.95	1	1	10.329778
HS15_str_opr	BOBJ1	78.8867	Before	Interior Girder 2	22.4667	0.95	1	1	9.594191
HS15_str_opr	BOBJ1	78.8867	Before	Interior Girder 3	22.4667	0.95	1	1	8.306292
HS15_str_opr	BOBJ1	78.8867	Before	Interior Girder 4	22.4667	0.95	1	1	8.306292
HS15_str_opr	BOBJ1	78.8867	Before	Interior Girder 5	22.4667	0.95	1	1	9.594191
HS15_str_opr	BOBJ1	78.8867	Before	Interior Girder 6	22.4667	0.95	1	1	10.329778
HS15_str_opr	BOBJ1	78.8867	Before	Right Exterior Girder	22.4667	0.95	1	1	16.419224
HS15_str_opr	BOBJ1	78.8867	After	Left Exterior Girder	22.4667	0.95	1	1	19.981425
HS15_str_opr	BOBJ1	78.8867	After	Interior Girder 1	22.4667	0.95	1	1	13.053006
HS15_str_opr	BOBJ1	78.8867	After	Interior Girder 2	22.4667	0.95	1	1	12.025007
HS15_str_opr	BOBJ1	78.8867	After	Interior Girder 3	22.4667	0.95	1	1	10.590163
HS15_str_opr	BOBJ1	78.8867	After	Interior Girder 4	22.4667	0.95	1	1	10.590163
HS15_str_opr	BOBJ1	78.8867	After	Interior Girder 5	22.4667	0.95	1	1	12.025007
HS15_str_opr	BOBJ1	78.8867	After	Interior Girder 6	22.4667	0.95	1	1	13.053006
HS15_str_opr	BOBJ1	78.8867	After	Right Exterior Girder	22.4667	0.95	1	1	19.981425
HS15_str_opr	BOBJ1	84.5033	Before	Left Exterior Girder	28.0833	0.95	1	1	20.207347
HS15_str_opr	BOBJ1	84.5033	Before	Interior Girder 1	28.0833	0.95	1	1	13.257192
HS15_str_opr	BOBJ1	84.5033	Before	Interior Girder 2	28.0833	0.95	1	1	12.212479
HS15_str_opr	BOBJ1	84.5033	Before	Interior Girder 3	28.0833	0.95	1	1	10.755526
HS15_str_opr	BOBJ1	84.5033	Before	Interior Girder 4	28.0833	0.95	1	1	10.755526
HS15_str_opr	BOBJ1	84.5033	Before	Interior Girder 5	28.0833	0.95	1	1	12.212479
HS15_str_opr	BOBJ1	84.5033	Before	Interior Girder 6	28.0833	0.95	1	1	13.257192
HS15_str_opr	BOBJ1	84.5033	Before	Right Exterior Girder	28.0833	0.95	1	1	20.207347
HS15_str_opr	BOBJ1	84.5033	After	Left Exterior Girder	28.0833	0.95	1	1	25.85679
HS15_str_opr	BOBJ1	84.5033	After	Interior Girder 1	28.0833	0.95	1	1	17.451087
HS15_str_opr	BOBJ1	84.5033	After	Interior Girder 2	28.0833	0.95	1	1	15.388446

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Approach, Span 12-1									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
HS15_str_opr	BOBJ1	84.5033	After	Interior Girder 3	28.0833	0.95	1	1	12.992038
HS15_str_opr	BOBJ1	84.5033	After	Interior Girder 4	28.0833	0.95	1	1	12.992038
HS15_str_opr	BOBJ1	84.5033	After	Interior Girder 5	28.0833	0.95	1	1	15.388446
HS15_str_opr	BOBJ1	84.5033	After	Interior Girder 6	28.0833	0.95	1	1	17.451087
HS15_str_opr	BOBJ1	84.5033	After	Right Exterior Girder	28.0833	0.95	1	1	25.85679
HS15_str_opr	BOBJ1	90.12	Before	Left Exterior Girder	33.7	0.95	1	1	26.139703
HS15_str_opr	BOBJ1	90.12	Before	Interior Girder 1	33.7	0.95	1	1	17.488236
HS15_str_opr	BOBJ1	90.12	Before	Interior Girder 2	33.7	0.95	1	1	15.161433
HS15_str_opr	BOBJ1	90.12	Before	Interior Girder 3	33.7	0.95	1	1	12.800556
HS15_str_opr	BOBJ1	90.12	Before	Interior Girder 4	33.7	0.95	1	1	12.800556
HS15_str_opr	BOBJ1	90.12	Before	Interior Girder 5	33.7	0.95	1	1	15.161433
HS15_str_opr	BOBJ1	90.12	Before	Interior Girder 6	33.7	0.95	1	1	17.488236
HS15_str_opr	BOBJ1	90.12	Before	Right Exterior Girder	33.7	0.95	1	1	26.139703
HS15_str_opr	BOBJ1	90.12	After	Left Exterior Girder	33.7	0.95	1	1	26.931633
HS15_str_opr	BOBJ1	90.12	After	Interior Girder 1	33.7	0.95	1	1	17.358828
HS15_str_opr	BOBJ1	90.12	After	Interior Girder 2	33.7	0.95	1	1	15.10054
HS15_str_opr	BOBJ1	90.12	After	Interior Girder 3	33.7	0.95	1	1	12.768339
HS15_str_opr	BOBJ1	90.12	After	Interior Girder 4	33.7	0.95	1	1	12.768339
HS15_str_opr	BOBJ1	90.12	After	Interior Girder 5	33.7	0.95	1	1	15.10054
HS15_str_opr	BOBJ1	90.12	After	Interior Girder 6	33.7	0.95	1	1	17.358828
HS15_str_opr	BOBJ1	90.12	After	Right Exterior Girder	33.7	0.95	1	1	26.931633
HS15_str_opr	BOBJ1	95.7367	Before	Left Exterior Girder	39.3167	0.95	1	1	26.640204
HS15_str_opr	BOBJ1	95.7367	Before	Interior Girder 1	39.3167	0.95	1	1	17.617707
HS15_str_opr	BOBJ1	95.7367	Before	Interior Girder 2	39.3167	0.95	1	1	15.3265
HS15_str_opr	BOBJ1	95.7367	Before	Interior Girder 3	39.3167	0.95	1	1	12.959192
HS15_str_opr	BOBJ1	95.7367	Before	Interior Girder 4	39.3167	0.95	1	1	12.959192
HS15_str_opr	BOBJ1	95.7367	Before	Interior Girder 5	39.3167	0.95	1	1	15.3265
HS15_str_opr	BOBJ1	95.7367	Before	Interior Girder 6	39.3167	0.95	1	1	17.617707
HS15_str_opr	BOBJ1	95.7367	Before	Right Exterior Girder	39.3167	0.95	1	1	26.640204
HS15_str_opr	BOBJ1	95.7367	After	Left Exterior Girder	39.3167	0.95	1	1	20.741679
HS15_str_opr	BOBJ1	95.7367	After	Interior Girder 1	39.3167	0.95	1	1	13.408969
HS15_str_opr	BOBJ1	95.7367	After	Interior Girder 2	39.3167	0.95	1	1	12.373337
HS15_str_opr	BOBJ1	95.7367	After	Interior Girder 3	39.3167	0.95	1	1	10.803355
HS15_str_opr	BOBJ1	95.7367	After	Interior Girder 4	39.3167	0.95	1	1	10.803355
HS15_str_opr	BOBJ1	95.7367	After	Interior Girder 5	39.3167	0.95	1	1	12.373337
HS15_str_opr	BOBJ1	95.7367	After	Interior Girder 6	39.3167	0.95	1	1	13.408969
HS15_str_opr	BOBJ1	95.7367	After	Right Exterior Girder	39.3167	0.95	1	1	20.741679
HS15_str_opr	BOBJ1	101.3533	Before	Left Exterior Girder	44.9333	0.95	1	1	20.509829
HS15_str_opr	BOBJ1	101.3533	Before	Interior Girder 1	44.9333	0.95	1	1	13.202362
HS15_str_opr	BOBJ1	101.3533	Before	Interior Girder 2	44.9333	0.95	1	1	12.183272
HS15_str_opr	BOBJ1	101.3533	Before	Interior Girder 3	44.9333	0.95	1	1	10.637124
HS15_str_opr	BOBJ1	101.3533	Before	Interior Girder 4	44.9333	0.95	1	1	10.637124
HS15_str_opr	BOBJ1	101.3533	Before	Interior Girder 5	44.9333	0.95	1	1	12.183272
HS15_str_opr	BOBJ1	101.3533	Before	Interior Girder 6	44.9333	0.95	1	1	13.202362
HS15_str_opr	BOBJ1	101.3533	Before	Right Exterior Girder	44.9333	0.95	1	1	20.509829
HS15_str_opr	BOBJ1	101.3533	After	Left Exterior Girder	44.9333	0.95	1	1	16.786858
HS15_str_opr	BOBJ1	101.3533	After	Interior Girder 1	44.9333	0.95	1	1	10.425084
HS15_str_opr	BOBJ1	101.3533	After	Interior Girder 2	44.9333	0.95	1	1	9.656079
HS15_str_opr	BOBJ1	101.3533	After	Interior Girder 3	44.9333	0.95	1	1	8.33151
HS15_str_opr	BOBJ1	101.3533	After	Interior Girder 4	44.9333	0.95	1	1	8.33151
HS15_str_opr	BOBJ1	101.3533	After	Interior Girder 5	44.9333	0.95	1	1	9.656079
HS15_str_opr	BOBJ1	101.3533	After	Interior Girder 6	44.9333	0.95	1	1	10.425084
HS15_str_opr	BOBJ1	101.3533	After	Right Exterior Girder	44.9333	0.95	1	1	16.786858
HS15_str_opr	BOBJ1	106.97	Before	Left Exterior Girder	50.55	0.95	1	1	16.592719
HS15_str_opr	BOBJ1	106.97	Before	Interior Girder 1	50.55	0.95	1	1	10.26118
HS15_str_opr	BOBJ1	106.97	Before	Interior Girder 2	50.55	0.95	1	1	9.504634
HS15_str_opr	BOBJ1	106.97	Before	Interior Girder 3	50.55	0.95	1	1	8.200453
HS15_str_opr	BOBJ1	106.97	Before	Interior Girder 4	50.55	0.95	1	1	8.200453
HS15_str_opr	BOBJ1	106.97	Before	Interior Girder 5	50.55	0.95	1	1	9.504634
HS15_str_opr	BOBJ1	106.97	Before	Interior Girder 6	50.55	0.95	1	1	10.26118
HS15_str_opr	BOBJ1	106.97	Before	Right Exterior Girder	50.55	0.95	1	1	16.592719
HS15_str_opr	BOBJ1	106.97	After	Left Exterior Girder	50.55	0.95	1	1	12.379526
HS15_str_opr	BOBJ1	106.97	After	Interior Girder 1	50.55	0.95	1	1	9.922294
HS15_str_opr	BOBJ1	106.97	After	Interior Girder 2	50.55	0.95	1	1	9.058813
HS15_str_opr	BOBJ1	106.97	After	Interior Girder 3	50.55	0.95	1	1	8.203729

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Approach, Span 12-1									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
HS15_str_opr	BOBJ1	106.97	After	Interior Girder 4	50.55	0.95	1	1	8.203729
HS15_str_opr	BOBJ1	106.97	After	Interior Girder 5	50.55	0.95	1	1	9.058813
HS15_str_opr	BOBJ1	106.97	After	Interior Girder 6	50.55	0.95	1	1	9.922294
HS15_str_opr	BOBJ1	106.97	After	Right Exterior Girder	50.55	0.95	1	1	12.379526
HS15_str_opr	BOBJ1	112.5933	Before	Left Exterior Girder	56.1733	0.95	1	1	12.230985
HS15_str_opr	BOBJ1	112.5933	Before	Interior Girder 1	56.1733	0.95	1	1	9.762514
HS15_str_opr	BOBJ1	112.5933	Before	Interior Girder 2	56.1733	0.95	1	1	8.914002
HS15_str_opr	BOBJ1	112.5933	Before	Interior Girder 3	56.1733	0.95	1	1	8.070987
HS15_str_opr	BOBJ1	112.5933	Before	Interior Girder 4	56.1733	0.95	1	1	8.070987
HS15_str_opr	BOBJ1	112.5933	Before	Interior Girder 5	56.1733	0.95	1	1	8.914002
HS15_str_opr	BOBJ1	112.5933	Before	Interior Girder 6	56.1733	0.95	1	1	9.762514
HS15_str_opr	BOBJ1	112.5933	Before	Right Exterior Girder	56.1733	0.95	1	1	12.230985
HS15_str_opr	BOBJ1	112.5933	After	Left Exterior Girder	56.1733	0.95	1	1	10.999329
HS15_str_opr	BOBJ1	112.5933	After	Interior Girder 1	56.1733	0.95	1	1	7.928015
HS15_str_opr	BOBJ1	112.5933	After	Interior Girder 2	56.1733	0.95	1	1	7.286195
HS15_str_opr	BOBJ1	112.5933	After	Interior Girder 3	56.1733	0.95	1	1	6.270129
HS15_str_opr	BOBJ1	112.5933	After	Interior Girder 4	56.1733	0.95	1	1	6.270129
HS15_str_opr	BOBJ1	112.5933	After	Interior Girder 5	56.1733	0.95	1	1	7.286195
HS15_str_opr	BOBJ1	112.5933	After	Interior Girder 6	56.1733	0.95	1	1	7.928015
HS15_str_opr	BOBJ1	112.5933	After	Right Exterior Girder	56.1733	0.95	1	1	10.999329
HS15_str_opr	BOBJ1	115.3396	Before	Left Exterior Girder	58.9196	0.95	1	1	10.932483
HS15_str_opr	BOBJ1	115.3396	Before	Right Exterior Girder	58.9196	0.95	1	1	10.932483
HS15_str_opr	BOBJ1	115.3396	After	Left Exterior Girder	58.9196	0.95	1	1	10.14814
HS15_str_opr	BOBJ1	115.3396	After	Right Exterior Girder	58.9196	0.95	1	1	10.14814
HS15_str_opr	BOBJ1	118.2167	Before	Left Exterior Girder	61.7967	0.95	1	1	10.072339
HS15_str_opr	BOBJ1	118.2167	Before	Interior Girder 1	61.9198	0.95	1	1	7.944673
HS15_str_opr	BOBJ1	118.2167	Before	Interior Girder 2	61.9198	0.95	1	1	7.16727
HS15_str_opr	BOBJ1	118.2167	Before	Interior Girder 3	61.9198	0.95	1	1	6.166198
HS15_str_opr	BOBJ1	118.2167	Before	Interior Girder 4	61.9198	0.95	1	1	6.166198
HS15_str_opr	BOBJ1	118.2167	Before	Interior Girder 5	61.9198	0.95	1	1	7.16727
HS15_str_opr	BOBJ1	118.2167	Before	Interior Girder 6	61.9198	0.95	1	1	7.944673
HS15_str_opr	BOBJ1	118.2167	Before	Right Exterior Girder	61.7967	0.95	1	1	10.072339
HS15_str_opr	BOBJ1	118.2167	After	Left Exterior Girder	61.7967	0.95	1	1	9.87608
HS15_str_opr	BOBJ1	118.2167	After	Interior Girder 1	61.9198	0.95	1	1	6.470557
HS15_str_opr	BOBJ1	118.2167	After	Interior Girder 2	61.9198	0.95	1	1	6.008095
HS15_str_opr	BOBJ1	118.2167	After	Interior Girder 3	61.9198	0.95	1	1	4.888948
HS15_str_opr	BOBJ1	118.2167	After	Interior Girder 4	61.9198	0.95	1	1	4.888948
HS15_str_opr	BOBJ1	118.2167	After	Interior Girder 5	61.9198	0.95	1	1	6.008095
HS15_str_opr	BOBJ1	118.2167	After	Interior Girder 6	61.9198	0.95	1	1	6.470557
HS15_str_opr	BOBJ1	118.2167	After	Right Exterior Girder	61.7967	0.95	1	1	9.87608
HS15_str_opr	BOBJ1	123.84	Before	Left Exterior Girder	67.42	0.95	1	1	9.728032
HS15_str_opr	BOBJ1	123.84	Before	Interior Girder 1	67.42	0.95	1	1	6.356755
HS15_str_opr	BOBJ1	123.84	Before	Interior Girder 2	67.42	0.95	1	1	5.903117
HS15_str_opr	BOBJ1	123.84	Before	Interior Girder 3	67.42	0.95	1	1	4.801718
HS15_str_opr	BOBJ1	123.84	Before	Interior Girder 4	67.42	0.95	1	1	4.801718
HS15_str_opr	BOBJ1	123.84	Before	Interior Girder 5	67.42	0.95	1	1	5.903117
HS15_str_opr	BOBJ1	123.84	Before	Interior Girder 6	67.42	0.95	1	1	6.356755
HS15_str_opr	BOBJ1	123.84	Before	Right Exterior Girder	67.42	0.95	1	1	9.728032
HS15_str_opr	BOBJ1	123.84	After	Left Exterior Girder	0	0.95	1	1	9.995318
HS15_str_opr	BOBJ1	123.84	After	Interior Girder 1	0	0.95	1	1	6.443529
HS15_str_opr	BOBJ1	123.84	After	Interior Girder 2	0	0.95	1	1	5.922696
HS15_str_opr	BOBJ1	123.84	After	Interior Girder 3	0	0.95	1	1	4.803116
HS15_str_opr	BOBJ1	123.84	After	Interior Girder 4	0	0.95	1	1	4.803116
HS15_str_opr	BOBJ1	123.84	After	Interior Girder 5	0	0.95	1	1	5.922696
HS15_str_opr	BOBJ1	123.84	After	Interior Girder 6	0	0.95	1	1	6.443529
HS15_str_opr	BOBJ1	123.84	After	Right Exterior Girder	0	0.95	1	1	9.995318
HS15_str_opr	BOBJ1	129.34	Before	Interior Girder 1	5.5	0.95	1	1	6.556478
HS15_str_opr	BOBJ1	129.34	Before	Interior Girder 2	5.5	0.95	1	1	6.025707
HS15_str_opr	BOBJ1	129.34	Before	Interior Girder 3	5.5	0.95	1	1	4.888663
HS15_str_opr	BOBJ1	129.34	Before	Interior Girder 4	5.5	0.95	1	1	4.888663
HS15_str_opr	BOBJ1	129.34	Before	Interior Girder 5	5.5	0.95	1	1	6.025707
HS15_str_opr	BOBJ1	129.34	Before	Interior Girder 6	5.5	0.95	1	1	6.556478
HS15_str_opr	BOBJ1	129.34	After	Interior Girder 1	5.5	0.95	1	1	6.212824
HS15_str_opr	BOBJ1	129.34	After	Interior Girder 2	5.5	0.95	1	1	6.196285
HS15_str_opr	BOBJ1	129.34	After	Interior Girder 3	5.5	0.95	1	1	5.004522

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Approach, Span 12-1									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
HS15_str_opr	BOBJ1	129.34	After	Interior Girder 4	5.5	0.95	1	1	5.004522
HS15_str_opr	BOBJ1	129.34	After	Interior Girder 5	5.5	0.95	1	1	6.196285
HS15_str_opr	BOBJ1	129.34	After	Interior Girder 6	5.5	0.95	1	1	6.212824
HS15_str_opr	BOBJ1	130.79	Before	Left Exterior Girder	6.95	0.95	1	1	8.649086
HS15_str_opr	BOBJ1	130.79	Before	Interior Girder 1	6.95	0.95	1	1	6.240066
HS15_str_opr	BOBJ1	130.79	Before	Interior Girder 2	6.95	0.95	1	1	6.222832
HS15_str_opr	BOBJ1	130.79	Before	Interior Girder 3	6.95	0.95	1	1	5.026422
HS15_str_opr	BOBJ1	130.79	Before	Interior Girder 4	6.95	0.95	1	1	5.026422
HS15_str_opr	BOBJ1	130.79	Before	Interior Girder 5	6.95	0.95	1	1	6.222832
HS15_str_opr	BOBJ1	130.79	Before	Interior Girder 6	6.95	0.95	1	1	6.240066
HS15_str_opr	BOBJ1	130.79	Before	Right Exterior Girder	6.95	0.95	1	1	8.649086
HS15_str_opr	BOBJ1	130.79	After	Left Exterior Girder	6.95	0.95	1	1	9.114683
HS15_str_opr	BOBJ1	130.79	After	Interior Girder 1	6.95	0.95	1	1	8.319069
HS15_str_opr	BOBJ1	130.79	After	Interior Girder 2	6.95	0.95	1	1	8.00801
HS15_str_opr	BOBJ1	130.79	After	Interior Girder 3	6.95	0.95	1	1	7.132963
HS15_str_opr	BOBJ1	130.79	After	Interior Girder 4	6.95	0.95	1	1	7.132963
HS15_str_opr	BOBJ1	130.79	After	Interior Girder 5	6.95	0.95	1	1	8.00801
HS15_str_opr	BOBJ1	130.79	After	Interior Girder 6	6.95	0.95	1	1	8.319069
HS15_str_opr	BOBJ1	130.79	After	Right Exterior Girder	6.95	0.95	1	1	9.114683
HS15_str_opr	BOBJ1	132.34	Before	Left Exterior Girder	8.5	0.95	1	1	9.152121
HS15_str_opr	BOBJ1	132.34	Before	Right Exterior Girder	8.5	0.95	1	1	9.152121
HS15_str_opr	BOBJ1	132.34	After	Left Exterior Girder	8.5	0.95	1	1	11.142061
HS15_str_opr	BOBJ1	132.34	After	Right Exterior Girder	8.5	0.95	1	1	11.142061
HS15_str_opr	BOBJ1	137.74	Before	Left Exterior Girder	13.9	0.95	1	1	11.274981
HS15_str_opr	BOBJ1	137.74	Before	Interior Girder 1	13.9	0.95	1	1	8.923917
HS15_str_opr	BOBJ1	137.74	Before	Interior Girder 2	13.9	0.95	1	1	8.171362
HS15_str_opr	BOBJ1	137.74	Before	Interior Girder 3	13.9	0.95	1	1	7.280855
HS15_str_opr	BOBJ1	137.74	Before	Interior Girder 4	13.9	0.95	1	1	7.280855
HS15_str_opr	BOBJ1	137.74	Before	Interior Girder 5	13.9	0.95	1	1	8.171362
HS15_str_opr	BOBJ1	137.74	Before	Interior Girder 6	13.9	0.95	1	1	8.923917
HS15_str_opr	BOBJ1	137.74	Before	Right Exterior Girder	13.9	0.95	1	1	11.274981
HS15_str_opr	BOBJ1	137.74	After	Left Exterior Girder	13.9	0.95	1	1	14.74445
HS15_str_opr	BOBJ1	137.74	After	Interior Girder 1	13.9	0.95	1	1	9.501333
HS15_str_opr	BOBJ1	137.74	After	Interior Girder 2	13.9	0.95	1	1	8.814989
HS15_str_opr	BOBJ1	137.74	After	Interior Girder 3	13.9	0.95	1	1	7.66029
HS15_str_opr	BOBJ1	137.74	After	Interior Girder 4	13.9	0.95	1	1	7.66029
HS15_str_opr	BOBJ1	137.74	After	Interior Girder 5	13.9	0.95	1	1	8.814989
HS15_str_opr	BOBJ1	137.74	After	Interior Girder 6	13.9	0.95	1	1	9.501333
HS15_str_opr	BOBJ1	137.74	After	Right Exterior Girder	13.9	0.95	1	1	14.74445
HS15_str_opr	BOBJ1	143.7733	Before	Left Exterior Girder	19.9333	0.95	1	1	14.933325
HS15_str_opr	BOBJ1	143.7733	Before	Interior Girder 1	19.9333	0.95	1	1	9.666417
HS15_str_opr	BOBJ1	143.7733	Before	Interior Girder 2	19.9333	0.95	1	1	8.967721
HS15_str_opr	BOBJ1	143.7733	Before	Interior Girder 3	19.9333	0.95	1	1	7.793533
HS15_str_opr	BOBJ1	143.7733	Before	Interior Girder 4	19.9333	0.95	1	1	7.793533
HS15_str_opr	BOBJ1	143.7733	Before	Interior Girder 5	19.9333	0.95	1	1	8.967721
HS15_str_opr	BOBJ1	143.7733	Before	Interior Girder 6	19.9333	0.95	1	1	9.666417
HS15_str_opr	BOBJ1	143.7733	Before	Right Exterior Girder	19.9333	0.95	1	1	14.933325
HS15_str_opr	BOBJ1	143.7733	After	Left Exterior Girder	19.9333	0.95	1	1	18.155094
HS15_str_opr	BOBJ1	143.7733	After	Interior Girder 1	19.9333	0.95	1	1	12.298768
HS15_str_opr	BOBJ1	143.7733	After	Interior Girder 2	19.9333	0.95	1	1	11.267725
HS15_str_opr	BOBJ1	143.7733	After	Interior Girder 3	19.9333	0.95	1	1	10.046326
HS15_str_opr	BOBJ1	143.7733	After	Interior Girder 4	19.9333	0.95	1	1	10.046326
HS15_str_opr	BOBJ1	143.7733	After	Interior Girder 5	19.9333	0.95	1	1	11.267725
HS15_str_opr	BOBJ1	143.7733	After	Interior Girder 6	19.9333	0.95	1	1	12.298768
HS15_str_opr	BOBJ1	143.7733	After	Right Exterior Girder	19.9333	0.95	1	1	18.155094
HS15_str_opr	BOBJ1	149.8067	Before	Left Exterior Girder	25.9667	0.95	1	1	18.379035
HS15_str_opr	BOBJ1	149.8067	Before	Interior Girder 1	25.9667	0.95	1	1	12.507784
HS15_str_opr	BOBJ1	149.8067	Before	Interior Girder 2	25.9667	0.95	1	1	11.45855
HS15_str_opr	BOBJ1	149.8067	Before	Interior Girder 3	25.9667	0.95	1	1	10.216842
HS15_str_opr	BOBJ1	149.8067	Before	Interior Girder 4	25.9667	0.95	1	1	10.216842
HS15_str_opr	BOBJ1	149.8067	Before	Interior Girder 5	25.9667	0.95	1	1	11.45855
HS15_str_opr	BOBJ1	149.8067	Before	Interior Girder 6	25.9667	0.95	1	1	12.507784
HS15_str_opr	BOBJ1	149.8067	Before	Right Exterior Girder	25.9667	0.95	1	1	18.379035
HS15_str_opr	BOBJ1	149.8067	After	Left Exterior Girder	25.9667	0.95	1	1	23.429091
HS15_str_opr	BOBJ1	149.8067	After	Interior Girder 1	25.9667	0.95	1	1	16.57266

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Approach, Span 12-1									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
HS15_str_opr	BOBJ1	149.8067	After	Interior Girder 2	25.9667	0.95	1	1	15.036126
HS15_str_opr	BOBJ1	149.8067	After	Interior Girder 3	25.9667	0.95	1	1	13.587976
HS15_str_opr	BOBJ1	149.8067	After	Interior Girder 4	25.9667	0.95	1	1	13.587976
HS15_str_opr	BOBJ1	149.8067	After	Interior Girder 5	25.9667	0.95	1	1	15.036126
HS15_str_opr	BOBJ1	149.8067	After	Interior Girder 6	25.9667	0.95	1	1	16.57266
HS15_str_opr	BOBJ1	149.8067	After	Right Exterior Girder	25.9667	0.95	1	1	23.429091
HS15_str_opr	BOBJ1	155.84	Before	Left Exterior Girder	32	0.95	1	1	23.707924
HS15_str_opr	BOBJ1	155.84	Before	Interior Girder 1	32	0.95	1	1	16.848092
HS15_str_opr	BOBJ1	155.84	Before	Interior Girder 2	32	0.95	1	1	15.285052
HS15_str_opr	BOBJ1	155.84	Before	Interior Girder 3	32	0.95	1	1	13.663944
HS15_str_opr	BOBJ1	155.84	Before	Interior Girder 4	32	0.95	1	1	13.663944
HS15_str_opr	BOBJ1	155.84	Before	Interior Girder 5	32	0.95	1	1	15.285052
HS15_str_opr	BOBJ1	155.84	Before	Interior Girder 6	32	0.95	1	1	16.848092
HS15_str_opr	BOBJ1	155.84	Before	Right Exterior Girder	32	0.95	1	1	23.707924
HS15_str_opr	BOBJ1	155.84	After	Left Exterior Girder	32	0.95	1	1	29.322583
HS15_str_opr	BOBJ1	155.84	After	Interior Girder 1	32	0.95	1	1	16.577737
HS15_str_opr	BOBJ1	155.84	After	Interior Girder 2	32	0.95	1	1	14.497556
HS15_str_opr	BOBJ1	155.84	After	Interior Girder 3	32	0.95	1	1	12.250554
HS15_str_opr	BOBJ1	155.84	After	Interior Girder 4	32	0.95	1	1	12.250554
HS15_str_opr	BOBJ1	155.84	After	Interior Girder 5	32	0.95	1	1	14.497556
HS15_str_opr	BOBJ1	155.84	After	Interior Girder 6	32	0.95	1	1	16.577737
HS15_str_opr	BOBJ1	155.84	After	Right Exterior Girder	32	0.95	1	1	29.322583
HS15_str_opr	BOBJ1	161.8733	Before	Left Exterior Girder	38.0333	0.95	1	1	28.985238
HS15_str_opr	BOBJ1	161.8733	Before	Interior Girder 1	38.0333	0.95	1	1	16.845314
HS15_str_opr	BOBJ1	161.8733	Before	Interior Girder 2	38.0333	0.95	1	1	14.732373
HS15_str_opr	BOBJ1	161.8733	Before	Interior Girder 3	38.0333	0.95	1	1	12.448869
HS15_str_opr	BOBJ1	161.8733	Before	Interior Girder 4	38.0333	0.95	1	1	12.448869
HS15_str_opr	BOBJ1	161.8733	Before	Interior Girder 5	38.0333	0.95	1	1	14.732373
HS15_str_opr	BOBJ1	161.8733	Before	Interior Girder 6	38.0333	0.95	1	1	16.845314
HS15_str_opr	BOBJ1	161.8733	Before	Right Exterior Girder	38.0333	0.95	1	1	28.985238
HS15_str_opr	BOBJ1	161.8733	After	Left Exterior Girder	38.0333	0.95	1	1	21.814432
HS15_str_opr	BOBJ1	161.8733	After	Interior Girder 1	38.0333	0.95	1	1	13.855593
HS15_str_opr	BOBJ1	161.8733	After	Interior Girder 2	38.0333	0.95	1	1	12.823799
HS15_str_opr	BOBJ1	161.8733	After	Interior Girder 3	38.0333	0.95	1	1	11.209932
HS15_str_opr	BOBJ1	161.8733	After	Interior Girder 4	38.0333	0.95	1	1	11.209932
HS15_str_opr	BOBJ1	161.8733	After	Interior Girder 5	38.0333	0.95	1	1	12.823799
HS15_str_opr	BOBJ1	161.8733	After	Interior Girder 6	38.0333	0.95	1	1	13.855593
HS15_str_opr	BOBJ1	161.8733	After	Right Exterior Girder	38.0333	0.95	1	1	21.814432
HS15_str_opr	BOBJ1	167.9067	Before	Left Exterior Girder	44.0667	0.95	1	1	21.554659
HS15_str_opr	BOBJ1	167.9067	Before	Interior Girder 1	44.0667	0.95	1	1	13.627673
HS15_str_opr	BOBJ1	167.9067	Before	Interior Girder 2	44.0667	0.95	1	1	12.613512
HS15_str_opr	BOBJ1	167.9067	Before	Interior Girder 3	44.0667	0.95	1	1	11.025908
HS15_str_opr	BOBJ1	167.9067	Before	Interior Girder 4	44.0667	0.95	1	1	11.025908
HS15_str_opr	BOBJ1	167.9067	Before	Interior Girder 5	44.0667	0.95	1	1	12.613512
HS15_str_opr	BOBJ1	167.9067	Before	Interior Girder 6	44.0667	0.95	1	1	13.627673
HS15_str_opr	BOBJ1	167.9067	Before	Right Exterior Girder	44.0667	0.95	1	1	21.554659
HS15_str_opr	BOBJ1	167.9067	After	Left Exterior Girder	44.0667	0.95	1	1	17.235453
HS15_str_opr	BOBJ1	167.9067	After	Interior Girder 1	44.0667	0.95	1	1	10.590159
HS15_str_opr	BOBJ1	167.9067	After	Interior Girder 2	44.0667	0.95	1	1	9.82696
HS15_str_opr	BOBJ1	167.9067	After	Interior Girder 3	44.0667	0.95	1	1	8.509544
HS15_str_opr	BOBJ1	167.9067	After	Interior Girder 4	44.0667	0.95	1	1	8.509544
HS15_str_opr	BOBJ1	167.9067	After	Interior Girder 5	44.0667	0.95	1	1	9.82696
HS15_str_opr	BOBJ1	167.9067	After	Interior Girder 6	44.0667	0.95	1	1	10.590159
HS15_str_opr	BOBJ1	167.9067	After	Right Exterior Girder	44.0667	0.95	1	1	17.235453
HS15_str_opr	BOBJ1	173.94	Before	Left Exterior Girder	50.1	0.95	1	1	17.022639
HS15_str_opr	BOBJ1	173.94	Before	Interior Girder 1	50.1	0.95	1	1	10.412143
HS15_str_opr	BOBJ1	173.94	Before	Interior Girder 2	50.1	0.95	1	1	9.662185
HS15_str_opr	BOBJ1	173.94	Before	Interior Girder 3	50.1	0.95	1	1	8.366529
HS15_str_opr	BOBJ1	173.94	Before	Interior Girder 4	50.1	0.95	1	1	8.366529
HS15_str_opr	BOBJ1	173.94	Before	Interior Girder 5	50.1	0.95	1	1	9.662185
HS15_str_opr	BOBJ1	173.94	Before	Interior Girder 6	50.1	0.95	1	1	10.412143
HS15_str_opr	BOBJ1	173.94	Before	Right Exterior Girder	50.1	0.95	1	1	17.022639
HS15_str_opr	BOBJ1	173.94	After	Left Exterior Girder	50.1	0.95	1	1	12.328895
HS15_str_opr	BOBJ1	173.94	After	Interior Girder 1	50.1	0.95	1	1	10.094502
HS15_str_opr	BOBJ1	173.94	After	Interior Girder 2	50.1	0.95	1	1	9.193516

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Approach, Span 12-1									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
HS15_str_opr	BOBJ1	173.94	After	Interior Girder 3	50.1	0.95	1	1	8.42539
HS15_str_opr	BOBJ1	173.94	After	Interior Girder 4	50.1	0.95	1	1	8.42539
HS15_str_opr	BOBJ1	173.94	After	Interior Girder 5	50.1	0.95	1	1	9.193516
HS15_str_opr	BOBJ1	173.94	After	Interior Girder 6	50.1	0.95	1	1	10.094502
HS15_str_opr	BOBJ1	173.94	After	Right Exterior Girder	50.1	0.95	1	1	12.328895
HS15_str_opr	BOBJ1	179.98	Before	Left Exterior Girder	56.14	0.95	1	1	12.170611
HS15_str_opr	BOBJ1	179.98	Before	Interior Girder 1	56.14	0.95	1	1	9.920425
HS15_str_opr	BOBJ1	179.98	Before	Interior Girder 2	56.14	0.95	1	1	9.036165
HS15_str_opr	BOBJ1	179.98	Before	Interior Girder 3	56.14	0.95	1	1	8.279538
HS15_str_opr	BOBJ1	179.98	Before	Interior Girder 4	56.14	0.95	1	1	8.279538
HS15_str_opr	BOBJ1	179.98	Before	Interior Girder 5	56.14	0.95	1	1	9.036165
HS15_str_opr	BOBJ1	179.98	Before	Interior Girder 6	56.14	0.95	1	1	9.920425
HS15_str_opr	BOBJ1	179.98	Before	Right Exterior Girder	56.14	0.95	1	1	12.170611
HS15_str_opr	BOBJ1	179.98	After	Left Exterior Girder	56.14	0.95	1	1	10.903638
HS15_str_opr	BOBJ1	179.98	After	Interior Girder 1	56.14	0.95	1	1	7.92904
HS15_str_opr	BOBJ1	179.98	After	Interior Girder 2	56.14	0.95	1	1	7.315463
HS15_str_opr	BOBJ1	179.98	After	Interior Girder 3	56.14	0.95	1	1	6.359708
HS15_str_opr	BOBJ1	179.98	After	Interior Girder 4	56.14	0.95	1	1	6.359708
HS15_str_opr	BOBJ1	179.98	After	Interior Girder 5	56.14	0.95	1	1	7.315463
HS15_str_opr	BOBJ1	179.98	After	Interior Girder 6	56.14	0.95	1	1	7.92904
HS15_str_opr	BOBJ1	179.98	After	Right Exterior Girder	56.14	0.95	1	1	10.903638
HS15_str_opr	BOBJ1	183.56	Before	Left Exterior Girder	59.72	0.95	1	1	10.817504
HS15_str_opr	BOBJ1	183.56	Before	Right Exterior Girder	59.72	0.95	1	1	10.817504
HS15_str_opr	BOBJ1	183.56	After	Left Exterior Girder	59.72	0.95	1	1	9.789403
HS15_str_opr	BOBJ1	183.56	After	Right Exterior Girder	59.72	0.95	1	1	9.789403
HS15_str_opr	BOBJ1	186.02	Before	Left Exterior Girder	62.18	0.95	1	1	9.725531
HS15_str_opr	BOBJ1	186.02	Before	Interior Girder 1	62.22	0.95	1	1	8.086077
HS15_str_opr	BOBJ1	186.02	Before	Interior Girder 2	62.22	0.95	1	1	7.187426
HS15_str_opr	BOBJ1	186.02	Before	Interior Girder 3	62.22	0.95	1	1	6.246741
HS15_str_opr	BOBJ1	186.02	Before	Interior Girder 4	62.22	0.95	1	1	6.246741
HS15_str_opr	BOBJ1	186.02	Before	Interior Girder 5	62.22	0.95	1	1	7.187426
HS15_str_opr	BOBJ1	186.02	Before	Interior Girder 6	62.22	0.95	1	1	8.086077
HS15_str_opr	BOBJ1	186.02	Before	Right Exterior Girder	62.18	0.95	1	1	9.725531
HS15_str_opr	BOBJ1	186.02	After	Left Exterior Girder	62.18	0.95	1	1	9.725103
HS15_str_opr	BOBJ1	186.02	After	Interior Girder 1	62.22	0.95	1	1	6.45557
HS15_str_opr	BOBJ1	186.02	After	Interior Girder 2	62.22	0.95	1	1	5.999894
HS15_str_opr	BOBJ1	186.02	After	Interior Girder 3	62.22	0.95	1	1	4.899612
HS15_str_opr	BOBJ1	186.02	After	Interior Girder 4	62.22	0.95	1	1	4.899612
HS15_str_opr	BOBJ1	186.02	After	Interior Girder 5	62.22	0.95	1	1	5.999894
HS15_str_opr	BOBJ1	186.02	After	Interior Girder 6	62.22	0.95	1	1	6.45557
HS15_str_opr	BOBJ1	186.02	After	Right Exterior Girder	62.18	0.95	1	1	9.725103
HS15_str_opr	BOBJ1	192.06	Before	Left Exterior Girder	68.22	0.95	1	1	9.565574
HS15_str_opr	BOBJ1	192.06	Before	Interior Girder 1	68.22	0.95	1	1	6.332501
HS15_str_opr	BOBJ1	192.06	Before	Interior Girder 2	68.22	0.95	1	1	5.886253
HS15_str_opr	BOBJ1	192.06	Before	Interior Girder 3	68.22	0.95	1	1	4.804868
HS15_str_opr	BOBJ1	192.06	Before	Interior Girder 4	68.22	0.95	1	1	4.804868
HS15_str_opr	BOBJ1	192.06	Before	Interior Girder 5	68.22	0.95	1	1	5.886253
HS15_str_opr	BOBJ1	192.06	Before	Interior Girder 6	68.22	0.95	1	1	6.332501
HS15_str_opr	BOBJ1	192.06	Before	Right Exterior Girder	68.22	0.95	1	1	9.565574
HS15_str_opr	BOBJ1	192.06	After	Left Exterior Girder	0	0.95	1	1	9.848391
HS15_str_opr	BOBJ1	192.06	After	Interior Girder 1	0	0.95	1	1	6.431966
HS15_str_opr	BOBJ1	192.06	After	Interior Girder 2	0	0.95	1	1	5.979712
HS15_str_opr	BOBJ1	192.06	After	Interior Girder 3	0	0.95	1	1	4.694315
HS15_str_opr	BOBJ1	192.06	After	Interior Girder 4	0	0.95	1	1	4.694315
HS15_str_opr	BOBJ1	192.06	After	Interior Girder 5	0	0.95	1	1	5.979712
HS15_str_opr	BOBJ1	192.06	After	Interior Girder 6	0	0.95	1	1	6.431966
HS15_str_opr	BOBJ1	192.06	After	Right Exterior Girder	0	0.95	1	1	9.848391
HS15_str_opr	BOBJ1	197.087	Before	Interior Girder 1	5.027	0.95	1	1	6.536771
HS15_str_opr	BOBJ1	197.087	Before	Interior Girder 2	5.027	0.95	1	1	6.076061
HS15_str_opr	BOBJ1	197.087	Before	Interior Girder 3	5.027	0.95	1	1	4.772637
HS15_str_opr	BOBJ1	197.087	Before	Interior Girder 4	5.027	0.95	1	1	4.772637
HS15_str_opr	BOBJ1	197.087	Before	Interior Girder 5	5.027	0.95	1	1	6.076061
HS15_str_opr	BOBJ1	197.087	Before	Interior Girder 6	5.027	0.95	1	1	6.536771
HS15_str_opr	BOBJ1	197.087	After	Interior Girder 1	5.027	0.95	1	1	6.353369
HS15_str_opr	BOBJ1	197.087	After	Interior Girder 2	5.027	0.95	1	1	6.924141

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Approach, Span 12-1									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
HS15_str_opr	BOBJ1	197.087	After	Interior Girder 3	5.027	0.95	1	1	5.640131
HS15_str_opr	BOBJ1	197.087	After	Interior Girder 4	5.027	0.95	1	1	5.640131
HS15_str_opr	BOBJ1	197.087	After	Interior Girder 5	5.027	0.95	1	1	6.924141
HS15_str_opr	BOBJ1	197.087	After	Interior Girder 6	5.027	0.95	1	1	6.353369
HS15_str_opr	BOBJ1	197.91	Before	Left Exterior Girder	5.85	0.95	1	1	9.061628
HS15_str_opr	BOBJ1	197.91	Before	Interior Girder 1	5.85	0.95	1	1	6.369428
HS15_str_opr	BOBJ1	197.91	Before	Interior Girder 2	5.85	0.95	1	1	6.941091
HS15_str_opr	BOBJ1	197.91	Before	Interior Girder 3	5.85	0.95	1	1	5.65438
HS15_str_opr	BOBJ1	197.91	Before	Interior Girder 4	5.85	0.95	1	1	5.65438
HS15_str_opr	BOBJ1	197.91	Before	Interior Girder 5	5.85	0.95	1	1	6.941091
HS15_str_opr	BOBJ1	197.91	Before	Interior Girder 6	5.85	0.95	1	1	6.369428
HS15_str_opr	BOBJ1	197.91	Before	Right Exterior Girder	5.85	0.95	1	1	9.061628
HS15_str_opr	BOBJ1	197.91	After	Left Exterior Girder	5.85	0.95	1	1	9.332709
HS15_str_opr	BOBJ1	197.91	After	Interior Girder 1	5.85	0.95	1	1	6.428452
HS15_str_opr	BOBJ1	197.91	After	Interior Girder 2	5.85	0.95	1	1	6.86553
HS15_str_opr	BOBJ1	197.91	After	Interior Girder 3	5.85	0.95	1	1	5.806852
HS15_str_opr	BOBJ1	197.91	After	Interior Girder 4	5.85	0.95	1	1	5.806852
HS15_str_opr	BOBJ1	197.91	After	Interior Girder 5	5.85	0.95	1	1	6.86553
HS15_str_opr	BOBJ1	197.91	After	Interior Girder 6	5.85	0.95	1	1	6.428452
HS15_str_opr	BOBJ1	197.91	After	Right Exterior Girder	5.85	0.95	1	1	9.332709
HS15_str_opr	BOBJ1	199.1816	Before	Left Exterior Girder	7.1216	0.95	1	1	9.365222
HS15_str_opr	BOBJ1	199.1816	Before	Right Exterior Girder	7.1216	0.95	1	1	9.365222
HS15_str_opr	BOBJ1	199.1816	After	Left Exterior Girder	7.1216	0.95	1	1	11.249936
HS15_str_opr	BOBJ1	199.1816	After	Right Exterior Girder	7.1216	0.95	1	1	11.249936
HS15_str_opr	BOBJ1	203.5267	Before	Left Exterior Girder	11.3107	0.95	1	1	11.36578
HS15_str_opr	BOBJ1	203.5267	Before	Interior Girder 1	11.3107	0.95	1	1	7.484329
HS15_str_opr	BOBJ1	203.5267	Before	Interior Girder 2	11.3107	0.95	1	1	6.980554
HS15_str_opr	BOBJ1	203.5267	Before	Interior Girder 3	11.3107	0.95	1	1	5.905288
HS15_str_opr	BOBJ1	203.5267	Before	Interior Girder 4	11.3107	0.95	1	1	5.905288
HS15_str_opr	BOBJ1	203.5267	Before	Interior Girder 5	11.3107	0.95	1	1	6.980554
HS15_str_opr	BOBJ1	203.5267	Before	Interior Girder 6	11.3107	0.95	1	1	7.484329
HS15_str_opr	BOBJ1	203.5267	Before	Right Exterior Girder	11.3107	0.95	1	1	11.36578
HS15_str_opr	BOBJ1	203.5267	After	Left Exterior Girder	11.3107	0.95	1	1	15.165769
HS15_str_opr	BOBJ1	203.5267	After	Interior Girder 1	11.3107	0.95	1	1	10.630141
HS15_str_opr	BOBJ1	203.5267	After	Interior Girder 2	11.3107	0.95	1	1	9.765862
HS15_str_opr	BOBJ1	203.5267	After	Interior Girder 3	11.3107	0.95	1	1	8.620229
HS15_str_opr	BOBJ1	203.5267	After	Interior Girder 4	11.3107	0.95	1	1	8.620229
HS15_str_opr	BOBJ1	203.5267	After	Interior Girder 5	11.3107	0.95	1	1	9.765862
HS15_str_opr	BOBJ1	203.5267	After	Interior Girder 6	11.3107	0.95	1	1	10.630141
HS15_str_opr	BOBJ1	203.5267	After	Right Exterior Girder	11.3107	0.95	1	1	15.165769
HS15_str_opr	BOBJ1	209.1433	Before	Left Exterior Girder	17.0833	0.95	1	1	15.342831
HS15_str_opr	BOBJ1	209.1433	Before	Interior Girder 1	17.0833	0.95	1	1	10.793092
HS15_str_opr	BOBJ1	209.1433	Before	Interior Girder 2	17.0833	0.95	1	1	9.914699
HS15_str_opr	BOBJ1	209.1433	Before	Interior Girder 3	17.0833	0.95	1	1	8.75255
HS15_str_opr	BOBJ1	209.1433	Before	Interior Girder 4	17.0833	0.95	1	1	8.75255
HS15_str_opr	BOBJ1	209.1433	Before	Interior Girder 5	17.0833	0.95	1	1	9.914699
HS15_str_opr	BOBJ1	209.1433	Before	Interior Girder 6	17.0833	0.95	1	1	10.793092
HS15_str_opr	BOBJ1	209.1433	Before	Right Exterior Girder	17.0833	0.95	1	1	15.342831
HS15_str_opr	BOBJ1	209.1433	After	Left Exterior Girder	17.0833	0.95	1	1	18.405338
HS15_str_opr	BOBJ1	209.1433	After	Interior Girder 1	17.0833	0.95	1	1	13.581754
HS15_str_opr	BOBJ1	209.1433	After	Interior Girder 2	17.0833	0.95	1	1	12.34504
HS15_str_opr	BOBJ1	209.1433	After	Interior Girder 3	17.0833	0.95	1	1	11.163424
HS15_str_opr	BOBJ1	209.1433	After	Interior Girder 4	17.0833	0.95	1	1	11.163424
HS15_str_opr	BOBJ1	209.1433	After	Interior Girder 5	17.0833	0.95	1	1	12.34504
HS15_str_opr	BOBJ1	209.1433	After	Interior Girder 6	17.0833	0.95	1	1	13.581754
HS15_str_opr	BOBJ1	209.1433	After	Right Exterior Girder	17.0833	0.95	1	1	18.405338
HS15_str_opr	BOBJ1	214.76	Before	Left Exterior Girder	22.7	0.95	1	1	18.613454
HS15_str_opr	BOBJ1	214.76	Before	Interior Girder 1	22.7	0.95	1	1	13.785961
HS15_str_opr	BOBJ1	214.76	Before	Interior Girder 2	22.7	0.95	1	1	12.529519
HS15_str_opr	BOBJ1	214.76	Before	Interior Girder 3	22.7	0.95	1	1	11.331173
HS15_str_opr	BOBJ1	214.76	Before	Interior Girder 4	22.7	0.95	1	1	11.331173
HS15_str_opr	BOBJ1	214.76	Before	Interior Girder 5	22.7	0.95	1	1	12.529519
HS15_str_opr	BOBJ1	214.76	Before	Interior Girder 6	22.7	0.95	1	1	13.785961
HS15_str_opr	BOBJ1	214.76	Before	Right Exterior Girder	22.7	0.95	1	1	18.613454
HS15_str_opr	BOBJ1	214.76	After	Left Exterior Girder	22.7	0.95	1	1	27.857586

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Approach, Span 12-1									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
HS15_str_opr	BOBJ1	214.76	After	Interior Girder 1	22.7	0.95	1	1	14.440135
HS15_str_opr	BOBJ1	214.76	After	Interior Girder 2	22.7	0.95	1	1	12.928757
HS15_str_opr	BOBJ1	214.76	After	Interior Girder 3	22.7	0.95	1	1	10.930304
HS15_str_opr	BOBJ1	214.76	After	Interior Girder 4	22.7	0.95	1	1	10.930304
HS15_str_opr	BOBJ1	214.76	After	Interior Girder 5	22.7	0.95	1	1	12.928757
HS15_str_opr	BOBJ1	214.76	After	Interior Girder 6	22.7	0.95	1	1	14.440135
HS15_str_opr	BOBJ1	214.76	After	Right Exterior Girder	22.7	0.95	1	1	27.857586
HS15_str_opr	BOBJ1	220.3767	Before	Left Exterior Girder	28.3167	0.95	1	1	28.163625
HS15_str_opr	BOBJ1	220.3767	Before	Interior Girder 1	28.3167	0.95	1	1	14.652236
HS15_str_opr	BOBJ1	220.3767	Before	Interior Girder 2	28.3167	0.95	1	1	13.118489
HS15_str_opr	BOBJ1	220.3767	Before	Interior Girder 3	28.3167	0.95	1	1	11.090836
HS15_str_opr	BOBJ1	220.3767	Before	Interior Girder 4	28.3167	0.95	1	1	11.090836
HS15_str_opr	BOBJ1	220.3767	Before	Interior Girder 5	28.3167	0.95	1	1	13.118489
HS15_str_opr	BOBJ1	220.3767	Before	Interior Girder 6	28.3167	0.95	1	1	14.652236
HS15_str_opr	BOBJ1	220.3767	Before	Right Exterior Girder	28.3167	0.95	1	1	28.163625
HS15_str_opr	BOBJ1	220.3767	After	Left Exterior Girder	28.3167	0.95	1	1	38.779702
HS15_str_opr	BOBJ1	220.3767	After	Interior Girder 1	28.3167	0.95	1	1	19.671131
HS15_str_opr	BOBJ1	220.3767	After	Interior Girder 2	28.3167	0.95	1	1	17.379221
HS15_str_opr	BOBJ1	220.3767	After	Interior Girder 3	28.3167	0.95	1	1	14.547547
HS15_str_opr	BOBJ1	220.3767	After	Interior Girder 4	28.3167	0.95	1	1	14.547547
HS15_str_opr	BOBJ1	220.3767	After	Interior Girder 5	28.3167	0.95	1	1	17.379221
HS15_str_opr	BOBJ1	220.3767	After	Interior Girder 6	28.3167	0.95	1	1	19.671131
HS15_str_opr	BOBJ1	220.3767	After	Right Exterior Girder	28.3167	0.95	1	1	38.779702
HS15_str_opr	BOBJ1	225.9933	Before	Left Exterior Girder	33.9333	0.95	1	1	39.193201
HS15_str_opr	BOBJ1	225.9933	Before	Interior Girder 1	33.9333	0.95	1	1	19.954645
HS15_str_opr	BOBJ1	225.9933	Before	Interior Girder 2	33.9333	0.95	1	1	17.629401
HS15_str_opr	BOBJ1	225.9933	Before	Interior Girder 3	33.9333	0.95	1	1	14.756976
HS15_str_opr	BOBJ1	225.9933	Before	Interior Girder 4	33.9333	0.95	1	1	14.756976
HS15_str_opr	BOBJ1	225.9933	Before	Interior Girder 5	33.9333	0.95	1	1	17.629401
HS15_str_opr	BOBJ1	225.9933	Before	Interior Girder 6	33.9333	0.95	1	1	19.954645
HS15_str_opr	BOBJ1	225.9933	Before	Right Exterior Girder	33.9333	0.95	1	1	39.193201
HS15_str_opr	BOBJ1	225.9933	After	Left Exterior Girder	33.9333	0.95	1	1	33.663623
HS15_str_opr	BOBJ1	225.9933	After	Interior Girder 1	33.9333	0.95	1	1	16.768453
HS15_str_opr	BOBJ1	225.9933	After	Interior Girder 2	33.9333	0.95	1	1	14.92576
HS15_str_opr	BOBJ1	225.9933	After	Interior Girder 3	33.9333	0.95	1	1	12.703991
HS15_str_opr	BOBJ1	225.9933	After	Interior Girder 4	33.9333	0.95	1	1	12.703991
HS15_str_opr	BOBJ1	225.9933	After	Interior Girder 5	33.9333	0.95	1	1	14.92576
HS15_str_opr	BOBJ1	225.9933	After	Interior Girder 6	33.9333	0.95	1	1	16.768453
HS15_str_opr	BOBJ1	225.9933	After	Right Exterior Girder	33.9333	0.95	1	1	33.663623
HS15_str_opr	BOBJ1	231.61	Before	Left Exterior Girder	39.55	0.95	1	1	33.312724
HS15_str_opr	BOBJ1	231.61	Before	Interior Girder 1	39.55	0.95	1	1	16.532358
HS15_str_opr	BOBJ1	231.61	Before	Interior Girder 2	39.55	0.95	1	1	14.715327
HS15_str_opr	BOBJ1	231.61	Before	Interior Girder 3	39.55	0.95	1	1	12.524796
HS15_str_opr	BOBJ1	231.61	Before	Interior Girder 4	39.55	0.95	1	1	12.524796
HS15_str_opr	BOBJ1	231.61	Before	Interior Girder 5	39.55	0.95	1	1	14.715327
HS15_str_opr	BOBJ1	231.61	Before	Interior Girder 6	39.55	0.95	1	1	16.532358
HS15_str_opr	BOBJ1	231.61	Before	Right Exterior Girder	39.55	0.95	1	1	33.312724
HS15_str_opr	BOBJ1	231.61	After	Left Exterior Girder	39.55	0.95	1	1	21.664551
HS15_str_opr	BOBJ1	231.61	After	Interior Girder 1	39.55	0.95	1	1	15.889028
HS15_str_opr	BOBJ1	231.61	After	Interior Girder 2	39.55	0.95	1	1	14.350391
HS15_str_opr	BOBJ1	231.61	After	Interior Girder 3	39.55	0.95	1	1	13.382867
HS15_str_opr	BOBJ1	231.61	After	Interior Girder 4	39.55	0.95	1	1	13.382867
HS15_str_opr	BOBJ1	231.61	After	Interior Girder 5	39.55	0.95	1	1	14.350391
HS15_str_opr	BOBJ1	231.61	After	Interior Girder 6	39.55	0.95	1	1	15.889028
HS15_str_opr	BOBJ1	231.61	After	Right Exterior Girder	39.55	0.95	1	1	21.664551
HS15_str_opr	BOBJ1	237.37	Before	Left Exterior Girder	45.31	0.95	1	1	21.426806
HS15_str_opr	BOBJ1	237.37	Before	Interior Girder 1	45.31	0.95	1	1	15.653976
HS15_str_opr	BOBJ1	237.37	Before	Interior Girder 2	45.31	0.95	1	1	14.139111
HS15_str_opr	BOBJ1	237.37	Before	Interior Girder 3	45.31	0.95	1	1	13.185193
HS15_str_opr	BOBJ1	237.37	Before	Interior Girder 4	45.31	0.95	1	1	13.185193
HS15_str_opr	BOBJ1	237.37	Before	Interior Girder 5	45.31	0.95	1	1	14.139111
HS15_str_opr	BOBJ1	237.37	Before	Interior Girder 6	45.31	0.95	1	1	15.653976
HS15_str_opr	BOBJ1	237.37	Before	Right Exterior Girder	45.31	0.95	1	1	21.426806
HS15_str_opr	BOBJ1	237.37	After	Left Exterior Girder	45.31	0.95	1	1	17.384105
HS15_str_opr	BOBJ1	237.37	After	Interior Girder 1	45.31	0.95	1	1	11.943767

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Approach, Span 12-1									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
HS15_str_opr	BOBJ1	237.37	After	Interior Girder 2	45.31	0.95	1	1	10.890803
HS15_str_opr	BOBJ1	237.37	After	Interior Girder 3	45.31	0.95	1	1	9.887189
HS15_str_opr	BOBJ1	237.37	After	Interior Girder 4	45.31	0.95	1	1	9.887189
HS15_str_opr	BOBJ1	237.37	After	Interior Girder 5	45.31	0.95	1	1	10.890803
HS15_str_opr	BOBJ1	237.37	After	Interior Girder 6	45.31	0.95	1	1	11.943767
HS15_str_opr	BOBJ1	237.37	After	Right Exterior Girder	45.31	0.95	1	1	17.384105
HS15_str_opr	BOBJ1	243.13	Before	Left Exterior Girder	51.07	0.95	1	1	17.187467
HS15_str_opr	BOBJ1	243.13	Before	Interior Girder 1	51.07	0.95	1	1	11.763533
HS15_str_opr	BOBJ1	243.13	Before	Interior Girder 2	51.07	0.95	1	1	10.727269
HS15_str_opr	BOBJ1	243.13	Before	Interior Girder 3	51.07	0.95	1	1	9.73812
HS15_str_opr	BOBJ1	243.13	Before	Interior Girder 4	51.07	0.95	1	1	9.73812
HS15_str_opr	BOBJ1	243.13	Before	Interior Girder 5	51.07	0.95	1	1	10.727269
HS15_str_opr	BOBJ1	243.13	Before	Interior Girder 6	51.07	0.95	1	1	11.763533
HS15_str_opr	BOBJ1	243.13	Before	Right Exterior Girder	51.07	0.95	1	1	17.187467
HS15_str_opr	BOBJ1	243.13	After	Left Exterior Girder	51.07	0.95	1	1	14.805374
HS15_str_opr	BOBJ1	243.13	After	Interior Girder 1	51.07	0.95	1	1	9.05045
HS15_str_opr	BOBJ1	243.13	After	Interior Girder 2	51.07	0.95	1	1	8.423883
HS15_str_opr	BOBJ1	243.13	After	Interior Girder 3	51.07	0.95	1	1	7.21778
HS15_str_opr	BOBJ1	243.13	After	Interior Girder 4	51.07	0.95	1	1	7.21778
HS15_str_opr	BOBJ1	243.13	After	Interior Girder 5	51.07	0.95	1	1	8.423883
HS15_str_opr	BOBJ1	243.13	After	Interior Girder 6	51.07	0.95	1	1	9.05045
HS15_str_opr	BOBJ1	243.13	After	Right Exterior Girder	51.07	0.95	1	1	14.805374
HS15_str_opr	BOBJ1	248.89	Before	Left Exterior Girder	56.83	0.95	1	1	14.632274
HS15_str_opr	BOBJ1	248.89	Before	Interior Girder 1	56.83	0.95	1	1	8.911416
HS15_str_opr	BOBJ1	248.89	Before	Interior Girder 2	56.83	0.95	1	1	8.294774
HS15_str_opr	BOBJ1	248.89	Before	Interior Girder 3	56.83	0.95	1	1	7.106626
HS15_str_opr	BOBJ1	248.89	Before	Interior Girder 4	56.83	0.95	1	1	7.106626
HS15_str_opr	BOBJ1	248.89	Before	Interior Girder 5	56.83	0.95	1	1	8.294774
HS15_str_opr	BOBJ1	248.89	Before	Interior Girder 6	56.83	0.95	1	1	8.911416
HS15_str_opr	BOBJ1	248.89	Before	Right Exterior Girder	56.83	0.95	1	1	14.632274
HS15_str_inv	BOBJ1	0	After	Left Exterior Girder	0	0.95	1	1	11.11765
HS15_str_inv	BOBJ1	0	After	Interior Girder 1	0	0.95	1	1	7.636791
HS15_str_inv	BOBJ1	0	After	Interior Girder 2	0	0.95	1	1	7.026771
HS15_str_inv	BOBJ1	0	After	Interior Girder 3	0	0.95	1	1	6.136913
HS15_str_inv	BOBJ1	0	After	Interior Girder 4	0	0.95	1	1	6.136913
HS15_str_inv	BOBJ1	0	After	Interior Girder 5	0	0.95	1	1	7.026771
HS15_str_inv	BOBJ1	0	After	Interior Girder 6	0	0.95	1	1	7.636791
HS15_str_inv	BOBJ1	0	After	Right Exterior Girder	0	0.95	1	1	11.11765
HS15_str_inv	BOBJ1	5.85	Before	Left Exterior Girder	5.85	0.95	1	1	11.2403
HS15_str_inv	BOBJ1	5.85	Before	Interior Girder 1	5.85	0.95	1	1	7.750118
HS15_str_inv	BOBJ1	5.85	Before	Interior Girder 2	5.85	0.95	1	1	7.130385
HS15_str_inv	BOBJ1	5.85	Before	Interior Girder 3	5.85	0.95	1	1	6.228063
HS15_str_inv	BOBJ1	5.85	Before	Interior Girder 4	5.85	0.95	1	1	6.228063
HS15_str_inv	BOBJ1	5.85	Before	Interior Girder 5	5.85	0.95	1	1	7.130385
HS15_str_inv	BOBJ1	5.85	Before	Interior Girder 6	5.85	0.95	1	1	7.750118
HS15_str_inv	BOBJ1	5.85	Before	Right Exterior Girder	5.85	0.95	1	1	11.2403
HS15_str_inv	BOBJ1	5.85	After	Left Exterior Girder	5.85	0.95	1	1	14.40183
HS15_str_inv	BOBJ1	5.85	After	Interior Girder 1	5.85	0.95	1	1	8.992091
HS15_str_inv	BOBJ1	5.85	After	Interior Girder 2	5.85	0.95	1	1	8.300973
HS15_str_inv	BOBJ1	5.85	After	Interior Girder 3	5.85	0.95	1	1	7.349759
HS15_str_inv	BOBJ1	5.85	After	Interior Girder 4	5.85	0.95	1	1	7.349759
HS15_str_inv	BOBJ1	5.85	After	Interior Girder 5	5.85	0.95	1	1	8.300973
HS15_str_inv	BOBJ1	5.85	After	Interior Girder 6	5.85	0.95	1	1	8.992091
HS15_str_inv	BOBJ1	5.85	After	Right Exterior Girder	5.85	0.95	1	1	14.40183
HS15_str_inv	BOBJ1	11.4667	Before	Left Exterior Girder	11.4667	0.95	1	1	14.549712
HS15_str_inv	BOBJ1	11.4667	Before	Interior Girder 1	11.4667	0.95	1	1	9.1175
HS15_str_inv	BOBJ1	11.4667	Before	Interior Girder 2	11.4667	0.95	1	1	8.416482
HS15_str_inv	BOBJ1	11.4667	Before	Interior Girder 3	11.4667	0.95	1	1	7.45219
HS15_str_inv	BOBJ1	11.4667	Before	Interior Girder 4	11.4667	0.95	1	1	7.45219
HS15_str_inv	BOBJ1	11.4667	Before	Interior Girder 5	11.4667	0.95	1	1	8.416482
HS15_str_inv	BOBJ1	11.4667	Before	Interior Girder 6	11.4667	0.95	1	1	9.1175
HS15_str_inv	BOBJ1	11.4667	Before	Right Exterior Girder	11.4667	0.95	1	1	14.549712
HS15_str_inv	BOBJ1	11.4667	After	Left Exterior Girder	11.4667	0.95	1	1	17.942141
HS15_str_inv	BOBJ1	11.4667	After	Interior Girder 1	11.4667	0.95	1	1	11.837645
HS15_str_inv	BOBJ1	11.4667	After	Interior Girder 2	11.4667	0.95	1	1	10.81231

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Approach, Span 12-1									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
HS15_str_inv	BOBJ1	11.4667	After	Interior Girder 3	11.4667	0.95	1	1	9.7788
HS15_str_inv	BOBJ1	11.4667	After	Interior Girder 4	11.4667	0.95	1	1	9.7788
HS15_str_inv	BOBJ1	11.4667	After	Interior Girder 5	11.4667	0.95	1	1	10.81231
HS15_str_inv	BOBJ1	11.4667	After	Interior Girder 6	11.4667	0.95	1	1	11.837645
HS15_str_inv	BOBJ1	11.4667	After	Right Exterior Girder	11.4667	0.95	1	1	17.942141
HS15_str_inv	BOBJ1	17.0833	Before	Left Exterior Girder	17.0833	0.95	1	1	18.121116
HS15_str_inv	BOBJ1	17.0833	Before	Interior Girder 1	17.0833	0.95	1	1	11.999782
HS15_str_inv	BOBJ1	17.0833	Before	Interior Girder 2	17.0833	0.95	1	1	10.960019
HS15_str_inv	BOBJ1	17.0833	Before	Interior Girder 3	17.0833	0.95	1	1	9.912494
HS15_str_inv	BOBJ1	17.0833	Before	Interior Girder 4	17.0833	0.95	1	1	9.912494
HS15_str_inv	BOBJ1	17.0833	Before	Interior Girder 5	17.0833	0.95	1	1	10.960019
HS15_str_inv	BOBJ1	17.0833	Before	Interior Girder 6	17.0833	0.95	1	1	11.999782
HS15_str_inv	BOBJ1	17.0833	Before	Right Exterior Girder	17.0833	0.95	1	1	18.121116
HS15_str_inv	BOBJ1	17.0833	After	Left Exterior Girder	17.0833	0.95	1	1	23.153047
HS15_str_inv	BOBJ1	17.0833	After	Interior Girder 1	17.0833	0.95	1	1	15.993173
HS15_str_inv	BOBJ1	17.0833	After	Interior Girder 2	17.0833	0.95	1	1	14.551954
HS15_str_inv	BOBJ1	17.0833	After	Interior Girder 3	17.0833	0.95	1	1	13.159665
HS15_str_inv	BOBJ1	17.0833	After	Interior Girder 4	17.0833	0.95	1	1	13.159665
HS15_str_inv	BOBJ1	17.0833	After	Interior Girder 5	17.0833	0.95	1	1	14.551954
HS15_str_inv	BOBJ1	17.0833	After	Interior Girder 6	17.0833	0.95	1	1	15.993173
HS15_str_inv	BOBJ1	17.0833	After	Right Exterior Girder	17.0833	0.95	1	1	23.153047
HS15_str_inv	BOBJ1	22.7	Before	Left Exterior Girder	22.7	0.95	1	1	23.377688
HS15_str_inv	BOBJ1	22.7	Before	Interior Girder 1	22.7	0.95	1	1	16.208272
HS15_str_inv	BOBJ1	22.7	Before	Interior Girder 2	22.7	0.95	1	1	14.747151
HS15_str_inv	BOBJ1	22.7	Before	Interior Girder 3	22.7	0.95	1	1	13.052909
HS15_str_inv	BOBJ1	22.7	Before	Interior Girder 4	22.7	0.95	1	1	13.052909
HS15_str_inv	BOBJ1	22.7	Before	Interior Girder 5	22.7	0.95	1	1	14.747151
HS15_str_inv	BOBJ1	22.7	Before	Interior Girder 6	22.7	0.95	1	1	16.208272
HS15_str_inv	BOBJ1	22.7	Before	Right Exterior Girder	22.7	0.95	1	1	23.377688
HS15_str_inv	BOBJ1	22.7	After	Left Exterior Girder	22.7	0.95	1	1	28.269641
HS15_str_inv	BOBJ1	22.7	After	Interior Girder 1	22.7	0.95	1	1	16.114047
HS15_str_inv	BOBJ1	22.7	After	Interior Girder 2	22.7	0.95	1	1	14.078818
HS15_str_inv	BOBJ1	22.7	After	Interior Girder 3	22.7	0.95	1	1	11.874259
HS15_str_inv	BOBJ1	22.7	After	Interior Girder 4	22.7	0.95	1	1	11.874259
HS15_str_inv	BOBJ1	22.7	After	Interior Girder 5	22.7	0.95	1	1	14.078818
HS15_str_inv	BOBJ1	22.7	After	Interior Girder 6	22.7	0.95	1	1	16.114047
HS15_str_inv	BOBJ1	22.7	After	Right Exterior Girder	22.7	0.95	1	1	28.269641
HS15_str_inv	BOBJ1	28.3167	Before	Left Exterior Girder	28.3167	0.95	1	1	27.993664
HS15_str_inv	BOBJ1	28.3167	Before	Interior Girder 1	28.3167	0.95	1	1	16.32557
HS15_str_inv	BOBJ1	28.3167	Before	Interior Girder 2	28.3167	0.95	1	1	14.264313
HS15_str_inv	BOBJ1	28.3167	Before	Interior Girder 3	28.3167	0.95	1	1	12.030607
HS15_str_inv	BOBJ1	28.3167	Before	Interior Girder 4	28.3167	0.95	1	1	12.030607
HS15_str_inv	BOBJ1	28.3167	Before	Interior Girder 5	28.3167	0.95	1	1	14.264313
HS15_str_inv	BOBJ1	28.3167	Before	Interior Girder 6	28.3167	0.95	1	1	16.32557
HS15_str_inv	BOBJ1	28.3167	Before	Right Exterior Girder	28.3167	0.95	1	1	27.993664
HS15_str_inv	BOBJ1	28.3167	After	Left Exterior Girder	28.3167	0.95	1	1	20.672566
HS15_str_inv	BOBJ1	28.3167	After	Interior Girder 1	28.3167	0.95	1	1	12.483941
HS15_str_inv	BOBJ1	28.3167	After	Interior Girder 2	28.3167	0.95	1	1	11.383576
HS15_str_inv	BOBJ1	28.3167	After	Interior Girder 3	28.3167	0.95	1	1	9.747902
HS15_str_inv	BOBJ1	28.3167	After	Interior Girder 4	28.3167	0.95	1	1	9.747902
HS15_str_inv	BOBJ1	28.3167	After	Interior Girder 5	28.3167	0.95	1	1	11.383576
HS15_str_inv	BOBJ1	28.3167	After	Interior Girder 6	28.3167	0.95	1	1	12.483941
HS15_str_inv	BOBJ1	28.3167	After	Right Exterior Girder	28.3167	0.95	1	1	20.672566
HS15_str_inv	BOBJ1	33.9333	Before	Left Exterior Girder	33.9333	0.95	1	1	20.46502
HS15_str_inv	BOBJ1	33.9333	Before	Interior Girder 1	33.9333	0.95	1	1	12.31386
HS15_str_inv	BOBJ1	33.9333	Before	Interior Girder 2	33.9333	0.95	1	1	11.229046
HS15_str_inv	BOBJ1	33.9333	Before	Interior Girder 3	33.9333	0.95	1	1	9.615432
HS15_str_inv	BOBJ1	33.9333	Before	Interior Girder 4	33.9333	0.95	1	1	9.615432
HS15_str_inv	BOBJ1	33.9333	Before	Interior Girder 5	33.9333	0.95	1	1	11.229046
HS15_str_inv	BOBJ1	33.9333	Before	Interior Girder 6	33.9333	0.95	1	1	12.31386
HS15_str_inv	BOBJ1	33.9333	Before	Right Exterior Girder	33.9333	0.95	1	1	20.46502
HS15_str_inv	BOBJ1	33.9333	After	Left Exterior Girder	33.9333	0.95	1	1	15.918051
HS15_str_inv	BOBJ1	33.9333	After	Interior Girder 1	33.9333	0.95	1	1	9.504819
HS15_str_inv	BOBJ1	33.9333	After	Interior Girder 2	33.9333	0.95	1	1	8.710409
HS15_str_inv	BOBJ1	33.9333	After	Interior Girder 3	33.9333	0.95	1	1	7.470209

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Approach, Span 12-1									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
HS15_str_inv	BOBJ1	33.9333	After	Interior Girder 4	33.9333	0.95	1	1	7.470209
HS15_str_inv	BOBJ1	33.9333	After	Interior Girder 5	33.9333	0.95	1	1	8.710409
HS15_str_inv	BOBJ1	33.9333	After	Interior Girder 6	33.9333	0.95	1	1	9.504819
HS15_str_inv	BOBJ1	33.9333	After	Right Exterior Girder	33.9333	0.95	1	1	15.918051
HS15_str_inv	BOBJ1	39.55	Before	Left Exterior Girder	39.55	0.95	1	1	15.753483
HS15_str_inv	BOBJ1	39.55	Before	Interior Girder 1	39.55	0.95	1	1	9.373008
HS15_str_inv	BOBJ1	39.55	Before	Interior Girder 2	39.55	0.95	1	1	8.589996
HS15_str_inv	BOBJ1	39.55	Before	Interior Girder 3	39.55	0.95	1	1	7.366717
HS15_str_inv	BOBJ1	39.55	Before	Interior Girder 4	39.55	0.95	1	1	7.366717
HS15_str_inv	BOBJ1	39.55	Before	Interior Girder 5	39.55	0.95	1	1	8.589996
HS15_str_inv	BOBJ1	39.55	Before	Interior Girder 6	39.55	0.95	1	1	9.373008
HS15_str_inv	BOBJ1	39.55	Before	Right Exterior Girder	39.55	0.95	1	1	15.753483
HS15_str_inv	BOBJ1	39.55	After	Left Exterior Girder	39.55	0.95	1	1	11.639348
HS15_str_inv	BOBJ1	39.55	After	Interior Girder 1	39.55	0.95	1	1	8.93697
HS15_str_inv	BOBJ1	39.55	After	Interior Girder 2	39.55	0.95	1	1	8.137562
HS15_str_inv	BOBJ1	39.55	After	Interior Girder 3	39.55	0.95	1	1	7.320926
HS15_str_inv	BOBJ1	39.55	After	Interior Girder 4	39.55	0.95	1	1	7.320926
HS15_str_inv	BOBJ1	39.55	After	Interior Girder 5	39.55	0.95	1	1	8.137562
HS15_str_inv	BOBJ1	39.55	After	Interior Girder 6	39.55	0.95	1	1	8.93697
HS15_str_inv	BOBJ1	39.55	After	Right Exterior Girder	39.55	0.95	1	1	11.639348
HS15_str_inv	BOBJ1	45.1733	Before	Left Exterior Girder	45.1226	0.95	1	1	11.515177
HS15_str_inv	BOBJ1	45.1733	Before	Interior Girder 1	45.1226	0.95	1	1	8.810372
HS15_str_inv	BOBJ1	45.1733	Before	Interior Girder 2	45.1226	0.95	1	1	8.023147
HS15_str_inv	BOBJ1	45.1733	Before	Interior Girder 3	45.1226	0.95	1	1	7.216965
HS15_str_inv	BOBJ1	45.1733	Before	Interior Girder 4	45.1226	0.95	1	1	7.216965
HS15_str_inv	BOBJ1	45.1733	Before	Interior Girder 5	45.1226	0.95	1	1	8.023147
HS15_str_inv	BOBJ1	45.1733	Before	Interior Girder 6	45.1226	0.95	1	1	8.810372
HS15_str_inv	BOBJ1	45.1733	Before	Right Exterior Girder	45.1226	0.95	1	1	11.515177
HS15_str_inv	BOBJ1	45.1733	After	Left Exterior Girder	45.1226	0.95	1	1	8.459425
HS15_str_inv	BOBJ1	45.1733	After	Interior Girder 1	45.1226	0.95	1	1	5.963419
HS15_str_inv	BOBJ1	45.1733	After	Interior Girder 2	45.1226	0.95	1	1	5.51234
HS15_str_inv	BOBJ1	45.1733	After	Interior Girder 3	45.1226	0.95	1	1	4.72452
HS15_str_inv	BOBJ1	45.1733	After	Interior Girder 4	45.1226	0.95	1	1	4.72452
HS15_str_inv	BOBJ1	45.1733	After	Interior Girder 5	45.1226	0.95	1	1	5.51234
HS15_str_inv	BOBJ1	45.1733	After	Interior Girder 6	45.1226	0.95	1	1	5.963419
HS15_str_inv	BOBJ1	45.1733	After	Right Exterior Girder	45.1226	0.95	1	1	8.459425
HS15_str_inv	BOBJ1	49.2561	Before	Left Exterior Girder	49.2561	0.95	1	1	8.381182
HS15_str_inv	BOBJ1	49.2561	Before	Right Exterior Girder	49.2561	0.95	1	1	8.381182
HS15_str_inv	BOBJ1	49.2561	After	Left Exterior Girder	49.2561	0.95	1	1	7.174778
HS15_str_inv	BOBJ1	49.2561	After	Right Exterior Girder	49.2561	0.95	1	1	7.174778
HS15_str_inv	BOBJ1	50.7967	Before	Left Exterior Girder	50.7967	0.95	1	1	7.146522
HS15_str_inv	BOBJ1	50.7967	Before	Interior Girder 1	50.7967	0.95	1	1	4.895262
HS15_str_inv	BOBJ1	50.7967	Before	Interior Girder 2	50.7967	0.95	1	1	5.421715
HS15_str_inv	BOBJ1	50.7967	Before	Interior Girder 3	50.7967	0.95	1	1	4.645658
HS15_str_inv	BOBJ1	50.7967	Before	Interior Girder 4	50.7967	0.95	1	1	4.645658
HS15_str_inv	BOBJ1	50.7967	Before	Interior Girder 5	50.7967	0.95	1	1	5.421715
HS15_str_inv	BOBJ1	50.7967	Before	Interior Girder 6	50.7967	0.95	1	1	4.895262
HS15_str_inv	BOBJ1	50.7967	Before	Right Exterior Girder	50.7967	0.95	1	1	7.146522
HS15_str_inv	BOBJ1	50.7967	After	Left Exterior Girder	50.7967	0.95	1	1	7.274297
HS15_str_inv	BOBJ1	50.7967	After	Interior Girder 1	50.7967	0.95	1	1	4.217994
HS15_str_inv	BOBJ1	50.7967	After	Interior Girder 2	50.7967	0.95	1	1	4.307284
HS15_str_inv	BOBJ1	50.7967	After	Interior Girder 3	50.7967	0.95	1	1	3.445753
HS15_str_inv	BOBJ1	50.7967	After	Interior Girder 4	50.7967	0.95	1	1	3.445753
HS15_str_inv	BOBJ1	50.7967	After	Interior Girder 5	50.7967	0.95	1	1	4.307284
HS15_str_inv	BOBJ1	50.7967	After	Interior Girder 6	50.7967	0.95	1	1	4.217994
HS15_str_inv	BOBJ1	50.7967	After	Right Exterior Girder	50.7967	0.95	1	1	7.274297
HS15_str_inv	BOBJ1	51.3989	Before	Interior Girder 1	51.3989	0.95	1	1	4.210177
HS15_str_inv	BOBJ1	51.3989	Before	Interior Girder 2	51.3989	0.95	1	1	4.299557
HS15_str_inv	BOBJ1	51.3989	Before	Interior Girder 3	51.3989	0.95	1	1	3.43945
HS15_str_inv	BOBJ1	51.3989	Before	Interior Girder 4	51.3989	0.95	1	1	3.43945
HS15_str_inv	BOBJ1	51.3989	Before	Interior Girder 5	51.3989	0.95	1	1	4.299557
HS15_str_inv	BOBJ1	51.3989	Before	Interior Girder 6	51.3989	0.95	1	1	4.210177
HS15_str_inv	BOBJ1	51.3989	After	Interior Girder 1	51.3989	0.95	1	1	4.851461
HS15_str_inv	BOBJ1	51.3989	After	Interior Girder 2	51.3989	0.95	1	1	4.529717
HS15_str_inv	BOBJ1	51.3989	After	Interior Girder 3	51.3989	0.95	1	1	3.68262

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Approach, Span 12-1									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
HS15_str_inv	BOBJ1	51.3989	After	Interior Girder 4	51.3989	0.95	1	1	3.68262
HS15_str_inv	BOBJ1	51.3989	After	Interior Girder 5	51.3989	0.95	1	1	4.529717
HS15_str_inv	BOBJ1	51.3989	After	Interior Girder 6	51.3989	0.95	1	1	4.851461
HS15_str_inv	BOBJ1	56.42	Before	Left Exterior Girder	56.42	0.95	1	1	7.514705
HS15_str_inv	BOBJ1	56.42	Before	Interior Girder 1	56.42	0.95	1	1	4.77444
HS15_str_inv	BOBJ1	56.42	Before	Interior Girder 2	56.42	0.95	1	1	4.45839
HS15_str_inv	BOBJ1	56.42	Before	Interior Girder 3	56.42	0.95	1	1	3.623386
HS15_str_inv	BOBJ1	56.42	Before	Interior Girder 4	56.42	0.95	1	1	3.623386
HS15_str_inv	BOBJ1	56.42	Before	Interior Girder 5	56.42	0.95	1	1	4.45839
HS15_str_inv	BOBJ1	56.42	Before	Interior Girder 6	56.42	0.95	1	1	4.77444
HS15_str_inv	BOBJ1	56.42	Before	Right Exterior Girder	56.42	0.95	1	1	7.514705
HS15_str_inv	BOBJ1	56.42	After	Left Exterior Girder	0	0.95	1	1	7.443385
HS15_str_inv	BOBJ1	56.42	After	Interior Girder 1	0	0.95	1	1	4.875911
HS15_str_inv	BOBJ1	56.42	After	Interior Girder 2	0	0.95	1	1	4.541247
HS15_str_inv	BOBJ1	56.42	After	Interior Girder 3	0	0.95	1	1	3.695319
HS15_str_inv	BOBJ1	56.42	After	Interior Girder 4	0	0.95	1	1	3.695319
HS15_str_inv	BOBJ1	56.42	After	Interior Girder 5	0	0.95	1	1	4.541247
HS15_str_inv	BOBJ1	56.42	After	Interior Girder 6	0	0.95	1	1	4.875911
HS15_str_inv	BOBJ1	56.42	After	Right Exterior Girder	0	0.95	1	1	7.443385
HS15_str_inv	BOBJ1	62.0367	Before	Left Exterior Girder	5.6167	0.95	1	1	7.556588
HS15_str_inv	BOBJ1	62.0367	Before	Interior Girder 1	5.6167	0.95	1	1	4.963056
HS15_str_inv	BOBJ1	62.0367	Before	Interior Girder 2	5.6167	0.95	1	1	4.621815
HS15_str_inv	BOBJ1	62.0367	Before	Interior Girder 3	5.6167	0.95	1	1	3.762316
HS15_str_inv	BOBJ1	62.0367	Before	Interior Girder 4	5.6167	0.95	1	1	3.762316
HS15_str_inv	BOBJ1	62.0367	Before	Interior Girder 5	5.6167	0.95	1	1	4.621815
HS15_str_inv	BOBJ1	62.0367	Before	Interior Girder 6	5.6167	0.95	1	1	4.963056
HS15_str_inv	BOBJ1	62.0367	Before	Right Exterior Girder	5.6167	0.95	1	1	7.556588
HS15_str_inv	BOBJ1	62.0367	After	Left Exterior Girder	5.6167	0.95	1	1	11.433621
HS15_str_inv	BOBJ1	62.0367	After	Interior Girder 1	5.6167	0.95	1	1	4.585907
HS15_str_inv	BOBJ1	62.0367	After	Interior Girder 2	5.6167	0.95	1	1	5.12047
HS15_str_inv	BOBJ1	62.0367	After	Interior Girder 3	5.6167	0.95	1	1	4.315851
HS15_str_inv	BOBJ1	62.0367	After	Interior Girder 4	5.6167	0.95	1	1	4.315851
HS15_str_inv	BOBJ1	62.0367	After	Interior Girder 5	5.6167	0.95	1	1	5.12047
HS15_str_inv	BOBJ1	62.0367	After	Interior Girder 6	5.6167	0.95	1	1	4.585907
HS15_str_inv	BOBJ1	62.0367	After	Right Exterior Girder	5.6167	0.95	1	1	11.433621
HS15_str_inv	BOBJ1	62.4203	Before	Interior Girder 1	6.0003	0.95	1	1	4.591521
HS15_str_inv	BOBJ1	62.4203	Before	Interior Girder 2	6.0003	0.95	1	1	5.126556
HS15_str_inv	BOBJ1	62.4203	Before	Interior Girder 3	6.0003	0.95	1	1	4.321082
HS15_str_inv	BOBJ1	62.4203	Before	Interior Girder 4	6.0003	0.95	1	1	4.321082
HS15_str_inv	BOBJ1	62.4203	Before	Interior Girder 5	6.0003	0.95	1	1	5.126556
HS15_str_inv	BOBJ1	62.4203	Before	Interior Girder 6	6.0003	0.95	1	1	4.591521
HS15_str_inv	BOBJ1	62.4203	After	Interior Girder 1	6.0003	0.95	1	1	4.610436
HS15_str_inv	BOBJ1	62.4203	After	Interior Girder 2	6.0003	0.95	1	1	5.489145
HS15_str_inv	BOBJ1	62.4203	After	Interior Girder 3	6.0003	0.95	1	1	4.730225
HS15_str_inv	BOBJ1	62.4203	After	Interior Girder 4	6.0003	0.95	1	1	4.730225
HS15_str_inv	BOBJ1	62.4203	After	Interior Girder 5	6.0003	0.95	1	1	5.489145
HS15_str_inv	BOBJ1	62.4203	After	Interior Girder 6	6.0003	0.95	1	1	4.610436
HS15_str_inv	BOBJ1	64.9204	Before	Left Exterior Girder	8.5004	0.95	1	1	8.155954
HS15_str_inv	BOBJ1	64.9204	Before	Right Exterior Girder	8.5004	0.95	1	1	8.155954
HS15_str_inv	BOBJ1	64.9204	After	Left Exterior Girder	8.5004	0.95	1	1	8.253545
HS15_str_inv	BOBJ1	64.9204	After	Right Exterior Girder	8.5004	0.95	1	1	8.253545
HS15_str_inv	BOBJ1	67.6533	Before	Left Exterior Girder	11.2333	0.95	1	1	8.303797
HS15_str_inv	BOBJ1	67.6533	Before	Interior Girder 1	11.2333	0.95	1	1	6.090702
HS15_str_inv	BOBJ1	67.6533	Before	Interior Girder 2	11.2333	0.95	1	1	5.5737
HS15_str_inv	BOBJ1	67.6533	Before	Interior Girder 3	11.2333	0.95	1	1	4.804253
HS15_str_inv	BOBJ1	67.6533	Before	Interior Girder 4	11.2333	0.95	1	1	4.804253
HS15_str_inv	BOBJ1	67.6533	Before	Interior Girder 5	11.2333	0.95	1	1	5.5737
HS15_str_inv	BOBJ1	67.6533	Before	Interior Girder 6	11.2333	0.95	1	1	6.090702
HS15_str_inv	BOBJ1	67.6533	Before	Right Exterior Girder	11.2333	0.95	1	1	8.303797
HS15_str_inv	BOBJ1	67.6533	After	Left Exterior Girder	11.2333	0.95	1	1	9.268374
HS15_str_inv	BOBJ1	67.6533	After	Interior Girder 1	11.2333	0.95	1	1	7.437293
HS15_str_inv	BOBJ1	67.6533	After	Interior Girder 2	11.2333	0.95	1	1	6.796908
HS15_str_inv	BOBJ1	67.6533	After	Interior Girder 3	11.2333	0.95	1	1	6.176776
HS15_str_inv	BOBJ1	67.6533	After	Interior Girder 4	11.2333	0.95	1	1	6.176776
HS15_str_inv	BOBJ1	67.6533	After	Interior Girder 5	11.2333	0.95	1	1	6.796908

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Approach, Span 12-1									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
HS15_str_inv	BOBJ1	67.6533	After	Interior Girder 6	11.2333	0.95	1	1	7.437293
HS15_str_inv	BOBJ1	67.6533	After	Right Exterior Girder	11.2333	0.95	1	1	9.268374
HS15_str_inv	BOBJ1	73.27	Before	Left Exterior Girder	16.85	0.95	1	1	9.380839
HS15_str_inv	BOBJ1	73.27	Before	Interior Girder 1	16.85	0.95	1	1	7.558824
HS15_str_inv	BOBJ1	73.27	Before	Interior Girder 2	16.85	0.95	1	1	6.90709
HS15_str_inv	BOBJ1	73.27	Before	Interior Girder 3	16.85	0.95	1	1	6.278164
HS15_str_inv	BOBJ1	73.27	Before	Interior Girder 4	16.85	0.95	1	1	6.278164
HS15_str_inv	BOBJ1	73.27	Before	Interior Girder 5	16.85	0.95	1	1	6.90709
HS15_str_inv	BOBJ1	73.27	Before	Interior Girder 6	16.85	0.95	1	1	7.558824
HS15_str_inv	BOBJ1	73.27	Before	Right Exterior Girder	16.85	0.95	1	1	9.380839
HS15_str_inv	BOBJ1	73.27	After	Left Exterior Girder	16.85	0.95	1	1	12.519742
HS15_str_inv	BOBJ1	73.27	After	Interior Girder 1	16.85	0.95	1	1	7.843452
HS15_str_inv	BOBJ1	73.27	After	Interior Girder 2	16.85	0.95	1	1	7.285234
HS15_str_inv	BOBJ1	73.27	After	Interior Girder 3	16.85	0.95	1	1	6.306997
HS15_str_inv	BOBJ1	73.27	After	Interior Girder 4	16.85	0.95	1	1	6.306997
HS15_str_inv	BOBJ1	73.27	After	Interior Girder 5	16.85	0.95	1	1	7.285234
HS15_str_inv	BOBJ1	73.27	After	Interior Girder 6	16.85	0.95	1	1	7.843452
HS15_str_inv	BOBJ1	73.27	After	Right Exterior Girder	16.85	0.95	1	1	12.519742
HS15_str_inv	BOBJ1	78.8867	Before	Left Exterior Girder	22.4667	0.95	1	1	12.666258
HS15_str_inv	BOBJ1	78.8867	Before	Interior Girder 1	22.4667	0.95	1	1	7.968686
HS15_str_inv	BOBJ1	78.8867	Before	Interior Girder 2	22.4667	0.95	1	1	7.401233
HS15_str_inv	BOBJ1	78.8867	Before	Interior Girder 3	22.4667	0.95	1	1	6.407711
HS15_str_inv	BOBJ1	78.8867	Before	Interior Girder 4	22.4667	0.95	1	1	6.407711
HS15_str_inv	BOBJ1	78.8867	Before	Interior Girder 5	22.4667	0.95	1	1	7.401233
HS15_str_inv	BOBJ1	78.8867	Before	Interior Girder 6	22.4667	0.95	1	1	7.968686
HS15_str_inv	BOBJ1	78.8867	Before	Right Exterior Girder	22.4667	0.95	1	1	12.666258
HS15_str_inv	BOBJ1	78.8867	After	Left Exterior Girder	22.4667	0.95	1	1	15.414242
HS15_str_inv	BOBJ1	78.8867	After	Interior Girder 1	22.4667	0.95	1	1	10.069462
HS15_str_inv	BOBJ1	78.8867	After	Interior Girder 2	22.4667	0.95	1	1	9.276434
HS15_str_inv	BOBJ1	78.8867	After	Interior Girder 3	22.4667	0.95	1	1	8.169554
HS15_str_inv	BOBJ1	78.8867	After	Interior Girder 4	22.4667	0.95	1	1	8.169554
HS15_str_inv	BOBJ1	78.8867	After	Interior Girder 5	22.4667	0.95	1	1	9.276434
HS15_str_inv	BOBJ1	78.8867	After	Interior Girder 6	22.4667	0.95	1	1	10.069462
HS15_str_inv	BOBJ1	78.8867	After	Right Exterior Girder	22.4667	0.95	1	1	15.414242
HS15_str_inv	BOBJ1	84.5033	Before	Left Exterior Girder	28.0833	0.95	1	1	15.588525
HS15_str_inv	BOBJ1	84.5033	Before	Interior Girder 1	28.0833	0.95	1	1	10.226977
HS15_str_inv	BOBJ1	84.5033	Before	Interior Girder 2	28.0833	0.95	1	1	9.421055
HS15_str_inv	BOBJ1	84.5033	Before	Interior Girder 3	28.0833	0.95	1	1	8.29712
HS15_str_inv	BOBJ1	84.5033	Before	Interior Girder 4	28.0833	0.95	1	1	8.29712
HS15_str_inv	BOBJ1	84.5033	Before	Interior Girder 5	28.0833	0.95	1	1	9.421055
HS15_str_inv	BOBJ1	84.5033	Before	Interior Girder 6	28.0833	0.95	1	1	10.226977
HS15_str_inv	BOBJ1	84.5033	Before	Right Exterior Girder	28.0833	0.95	1	1	15.588525
HS15_str_inv	BOBJ1	84.5033	After	Left Exterior Girder	28.0833	0.95	1	1	19.946666
HS15_str_inv	BOBJ1	84.5033	After	Interior Girder 1	28.0833	0.95	1	1	13.462267
HS15_str_inv	BOBJ1	84.5033	After	Interior Girder 2	28.0833	0.95	1	1	11.871087
HS15_str_inv	BOBJ1	84.5033	After	Interior Girder 3	28.0833	0.95	1	1	10.022429
HS15_str_inv	BOBJ1	84.5033	After	Interior Girder 4	28.0833	0.95	1	1	10.022429
HS15_str_inv	BOBJ1	84.5033	After	Interior Girder 5	28.0833	0.95	1	1	11.871087
HS15_str_inv	BOBJ1	84.5033	After	Interior Girder 6	28.0833	0.95	1	1	13.462267
HS15_str_inv	BOBJ1	84.5033	After	Right Exterior Girder	28.0833	0.95	1	1	19.946666
HS15_str_inv	BOBJ1	90.12	Before	Left Exterior Girder	33.7	0.95	1	1	20.164914
HS15_str_inv	BOBJ1	90.12	Before	Interior Girder 1	33.7	0.95	1	1	13.490925
HS15_str_inv	BOBJ1	90.12	Before	Interior Girder 2	33.7	0.95	1	1	11.695963
HS15_str_inv	BOBJ1	90.12	Before	Interior Girder 3	33.7	0.95	1	1	9.874715
HS15_str_inv	BOBJ1	90.12	Before	Interior Girder 4	33.7	0.95	1	1	9.874715
HS15_str_inv	BOBJ1	90.12	Before	Interior Girder 5	33.7	0.95	1	1	11.695963
HS15_str_inv	BOBJ1	90.12	Before	Interior Girder 6	33.7	0.95	1	1	13.490925
HS15_str_inv	BOBJ1	90.12	Before	Right Exterior Girder	33.7	0.95	1	1	20.164914
HS15_str_inv	BOBJ1	90.12	After	Left Exterior Girder	33.7	0.95	1	1	20.775831
HS15_str_inv	BOBJ1	90.12	After	Interior Girder 1	33.7	0.95	1	1	13.391096
HS15_str_inv	BOBJ1	90.12	After	Interior Girder 2	33.7	0.95	1	1	11.648988
HS15_str_inv	BOBJ1	90.12	After	Interior Girder 3	33.7	0.95	1	1	9.849862
HS15_str_inv	BOBJ1	90.12	After	Interior Girder 4	33.7	0.95	1	1	9.849862
HS15_str_inv	BOBJ1	90.12	After	Interior Girder 5	33.7	0.95	1	1	11.648988
HS15_str_inv	BOBJ1	90.12	After	Interior Girder 6	33.7	0.95	1	1	13.391096

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Approach, Span 12-1									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
HS15_str_inv	BOBJ1	90.12	After	Right Exterior Girder	33.7	0.95	1	1	20.775831
HS15_str_inv	BOBJ1	95.7367	Before	Left Exterior Girder	39.3167	0.95	1	1	20.551015
HS15_str_inv	BOBJ1	95.7367	Before	Interior Girder 1	39.3167	0.95	1	1	13.590802
HS15_str_inv	BOBJ1	95.7367	Before	Interior Girder 2	39.3167	0.95	1	1	11.8233
HS15_str_inv	BOBJ1	95.7367	Before	Interior Girder 3	39.3167	0.95	1	1	9.997091
HS15_str_inv	BOBJ1	95.7367	Before	Interior Girder 4	39.3167	0.95	1	1	9.997091
HS15_str_inv	BOBJ1	95.7367	Before	Interior Girder 5	39.3167	0.95	1	1	11.8233
HS15_str_inv	BOBJ1	95.7367	Before	Interior Girder 6	39.3167	0.95	1	1	13.590802
HS15_str_inv	BOBJ1	95.7367	Before	Right Exterior Girder	39.3167	0.95	1	1	20.551015
HS15_str_inv	BOBJ1	95.7367	After	Left Exterior Girder	39.3167	0.95	1	1	16.000724
HS15_str_inv	BOBJ1	95.7367	After	Interior Girder 1	39.3167	0.95	1	1	10.344062
HS15_str_inv	BOBJ1	95.7367	After	Interior Girder 2	39.3167	0.95	1	1	9.545145
HS15_str_inv	BOBJ1	95.7367	After	Interior Girder 3	39.3167	0.95	1	1	8.334017
HS15_str_inv	BOBJ1	95.7367	After	Interior Girder 4	39.3167	0.95	1	1	8.334017
HS15_str_inv	BOBJ1	95.7367	After	Interior Girder 5	39.3167	0.95	1	1	9.545145
HS15_str_inv	BOBJ1	95.7367	After	Interior Girder 6	39.3167	0.95	1	1	10.344062
HS15_str_inv	BOBJ1	95.7367	After	Right Exterior Girder	39.3167	0.95	1	1	16.000724
HS15_str_inv	BOBJ1	101.3533	Before	Left Exterior Girder	44.9333	0.95	1	1	15.821868
HS15_str_inv	BOBJ1	101.3533	Before	Interior Girder 1	44.9333	0.95	1	1	10.184679
HS15_str_inv	BOBJ1	101.3533	Before	Interior Girder 2	44.9333	0.95	1	1	9.398524
HS15_str_inv	BOBJ1	101.3533	Before	Interior Girder 3	44.9333	0.95	1	1	8.205782
HS15_str_inv	BOBJ1	101.3533	Before	Interior Girder 4	44.9333	0.95	1	1	8.205782
HS15_str_inv	BOBJ1	101.3533	Before	Interior Girder 5	44.9333	0.95	1	1	9.398524
HS15_str_inv	BOBJ1	101.3533	Before	Interior Girder 6	44.9333	0.95	1	1	10.184679
HS15_str_inv	BOBJ1	101.3533	Before	Right Exterior Girder	44.9333	0.95	1	1	15.821868
HS15_str_inv	BOBJ1	101.3533	After	Left Exterior Girder	44.9333	0.95	1	1	12.949862
HS15_str_inv	BOBJ1	101.3533	After	Interior Girder 1	44.9333	0.95	1	1	8.042207
HS15_str_inv	BOBJ1	101.3533	After	Interior Girder 2	44.9333	0.95	1	1	7.448975
HS15_str_inv	BOBJ1	101.3533	After	Interior Girder 3	44.9333	0.95	1	1	6.427165
HS15_str_inv	BOBJ1	101.3533	After	Interior Girder 4	44.9333	0.95	1	1	6.427165
HS15_str_inv	BOBJ1	101.3533	After	Interior Girder 5	44.9333	0.95	1	1	7.448975
HS15_str_inv	BOBJ1	101.3533	After	Interior Girder 6	44.9333	0.95	1	1	8.042207
HS15_str_inv	BOBJ1	101.3533	After	Right Exterior Girder	44.9333	0.95	1	1	12.949862
HS15_str_inv	BOBJ1	106.97	Before	Left Exterior Girder	50.55	0.95	1	1	12.800098
HS15_str_inv	BOBJ1	106.97	Before	Interior Girder 1	50.55	0.95	1	1	7.915767
HS15_str_inv	BOBJ1	106.97	Before	Interior Girder 2	50.55	0.95	1	1	7.332147
HS15_str_inv	BOBJ1	106.97	Before	Interior Girder 3	50.55	0.95	1	1	6.326064
HS15_str_inv	BOBJ1	106.97	Before	Interior Girder 4	50.55	0.95	1	1	6.326064
HS15_str_inv	BOBJ1	106.97	Before	Interior Girder 5	50.55	0.95	1	1	7.332147
HS15_str_inv	BOBJ1	106.97	Before	Interior Girder 6	50.55	0.95	1	1	7.915767
HS15_str_inv	BOBJ1	106.97	Before	Right Exterior Girder	50.55	0.95	1	1	12.800098
HS15_str_inv	BOBJ1	106.97	After	Left Exterior Girder	50.55	0.95	1	1	9.54992
HS15_str_inv	BOBJ1	106.97	After	Interior Girder 1	50.55	0.95	1	1	7.654341
HS15_str_inv	BOBJ1	106.97	After	Interior Girder 2	50.55	0.95	1	1	6.988227
HS15_str_inv	BOBJ1	106.97	After	Interior Girder 3	50.55	0.95	1	1	6.328591
HS15_str_inv	BOBJ1	106.97	After	Interior Girder 4	50.55	0.95	1	1	6.328591
HS15_str_inv	BOBJ1	106.97	After	Interior Girder 5	50.55	0.95	1	1	6.988227
HS15_str_inv	BOBJ1	106.97	After	Interior Girder 6	50.55	0.95	1	1	7.654341
HS15_str_inv	BOBJ1	106.97	After	Right Exterior Girder	50.55	0.95	1	1	9.54992
HS15_str_inv	BOBJ1	112.5933	Before	Left Exterior Girder	56.1733	0.95	1	1	9.435331
HS15_str_inv	BOBJ1	112.5933	Before	Interior Girder 1	56.1733	0.95	1	1	7.531082
HS15_str_inv	BOBJ1	112.5933	Before	Interior Girder 2	56.1733	0.95	1	1	6.876516
HS15_str_inv	BOBJ1	112.5933	Before	Interior Girder 3	56.1733	0.95	1	1	6.22619
HS15_str_inv	BOBJ1	112.5933	Before	Interior Girder 4	56.1733	0.95	1	1	6.22619
HS15_str_inv	BOBJ1	112.5933	Before	Interior Girder 5	56.1733	0.95	1	1	6.876516
HS15_str_inv	BOBJ1	112.5933	Before	Interior Girder 6	56.1733	0.95	1	1	7.531082
HS15_str_inv	BOBJ1	112.5933	Before	Right Exterior Girder	56.1733	0.95	1	1	9.435331
HS15_str_inv	BOBJ1	112.5933	After	Left Exterior Girder	56.1733	0.95	1	1	8.485197
HS15_str_inv	BOBJ1	112.5933	After	Interior Girder 1	56.1733	0.95	1	1	6.115898
HS15_str_inv	BOBJ1	112.5933	After	Interior Girder 2	56.1733	0.95	1	1	5.620779
HS15_str_inv	BOBJ1	112.5933	After	Interior Girder 3	56.1733	0.95	1	1	4.836957
HS15_str_inv	BOBJ1	112.5933	After	Interior Girder 4	56.1733	0.95	1	1	4.836957
HS15_str_inv	BOBJ1	112.5933	After	Interior Girder 5	56.1733	0.95	1	1	5.620779
HS15_str_inv	BOBJ1	112.5933	After	Interior Girder 6	56.1733	0.95	1	1	6.115898
HS15_str_inv	BOBJ1	112.5933	After	Right Exterior Girder	56.1733	0.95	1	1	8.485197

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Approach, Span 12-1									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
HS15_str_inv	BOBJ1	115.3396	Before	Left Exterior Girder	58.9196	0.95	1	1	8.43363
HS15_str_inv	BOBJ1	115.3396	Before	Right Exterior Girder	58.9196	0.95	1	1	8.43363
HS15_str_inv	BOBJ1	115.3396	After	Left Exterior Girder	58.9196	0.95	1	1	7.828565
HS15_str_inv	BOBJ1	115.3396	After	Right Exterior Girder	58.9196	0.95	1	1	7.828565
HS15_str_inv	BOBJ1	118.2167	Before	Left Exterior Girder	61.7967	0.95	1	1	7.77009
HS15_str_inv	BOBJ1	118.2167	Before	Interior Girder 1	61.9198	0.95	1	1	6.128748
HS15_str_inv	BOBJ1	118.2167	Before	Interior Girder 2	61.9198	0.95	1	1	5.529037
HS15_str_inv	BOBJ1	118.2167	Before	Interior Girder 3	61.9198	0.95	1	1	4.756782
HS15_str_inv	BOBJ1	118.2167	Before	Interior Girder 4	61.9198	0.95	1	1	4.756782
HS15_str_inv	BOBJ1	118.2167	Before	Interior Girder 5	61.9198	0.95	1	1	5.529037
HS15_str_inv	BOBJ1	118.2167	Before	Interior Girder 6	61.9198	0.95	1	1	6.128748
HS15_str_inv	BOBJ1	118.2167	Before	Right Exterior Girder	61.7967	0.95	1	1	7.77009
HS15_str_inv	BOBJ1	118.2167	After	Left Exterior Girder	61.7967	0.95	1	1	7.618691
HS15_str_inv	BOBJ1	118.2167	After	Interior Girder 1	61.9198	0.95	1	1	4.991573
HS15_str_inv	BOBJ1	118.2167	After	Interior Girder 2	61.9198	0.95	1	1	4.634816
HS15_str_inv	BOBJ1	118.2167	After	Interior Girder 3	61.9198	0.95	1	1	3.771474
HS15_str_inv	BOBJ1	118.2167	After	Interior Girder 4	61.9198	0.95	1	1	3.771474
HS15_str_inv	BOBJ1	118.2167	After	Interior Girder 5	61.9198	0.95	1	1	4.634816
HS15_str_inv	BOBJ1	118.2167	After	Interior Girder 6	61.9198	0.95	1	1	4.991573
HS15_str_inv	BOBJ1	118.2167	After	Right Exterior Girder	61.7967	0.95	1	1	7.618691
HS15_str_inv	BOBJ1	123.84	Before	Left Exterior Girder	67.42	0.95	1	1	7.504482
HS15_str_inv	BOBJ1	123.84	Before	Interior Girder 1	67.42	0.95	1	1	4.903782
HS15_str_inv	BOBJ1	123.84	Before	Interior Girder 2	67.42	0.95	1	1	4.553833
HS15_str_inv	BOBJ1	123.84	Before	Interior Girder 3	67.42	0.95	1	1	3.704182
HS15_str_inv	BOBJ1	123.84	Before	Interior Girder 4	67.42	0.95	1	1	3.704182
HS15_str_inv	BOBJ1	123.84	Before	Interior Girder 5	67.42	0.95	1	1	4.553833
HS15_str_inv	BOBJ1	123.84	Before	Interior Girder 6	67.42	0.95	1	1	4.903782
HS15_str_inv	BOBJ1	123.84	Before	Right Exterior Girder	67.42	0.95	1	1	7.504482
HS15_str_inv	BOBJ1	123.84	After	Left Exterior Girder	0	0.95	1	1	7.710674
HS15_str_inv	BOBJ1	123.84	After	Interior Girder 1	0	0.95	1	1	4.970722
HS15_str_inv	BOBJ1	123.84	After	Interior Girder 2	0	0.95	1	1	4.568937
HS15_str_inv	BOBJ1	123.84	After	Interior Girder 3	0	0.95	1	1	3.705261
HS15_str_inv	BOBJ1	123.84	After	Interior Girder 4	0	0.95	1	1	3.705261
HS15_str_inv	BOBJ1	123.84	After	Interior Girder 5	0	0.95	1	1	4.568937
HS15_str_inv	BOBJ1	123.84	After	Interior Girder 6	0	0.95	1	1	4.970722
HS15_str_inv	BOBJ1	123.84	After	Right Exterior Girder	0	0.95	1	1	7.710674
HS15_str_inv	BOBJ1	129.34	Before	Interior Girder 1	5.5	0.95	1	1	5.057855
HS15_str_inv	BOBJ1	129.34	Before	Interior Girder 2	5.5	0.95	1	1	4.648403
HS15_str_inv	BOBJ1	129.34	Before	Interior Girder 3	5.5	0.95	1	1	3.771255
HS15_str_inv	BOBJ1	129.34	Before	Interior Girder 4	5.5	0.95	1	1	3.771255
HS15_str_inv	BOBJ1	129.34	Before	Interior Girder 5	5.5	0.95	1	1	4.648403
HS15_str_inv	BOBJ1	129.34	Before	Interior Girder 6	5.5	0.95	1	1	5.057855
HS15_str_inv	BOBJ1	129.34	After	Interior Girder 1	5.5	0.95	1	1	4.79275
HS15_str_inv	BOBJ1	129.34	After	Interior Girder 2	5.5	0.95	1	1	4.779991
HS15_str_inv	BOBJ1	129.34	After	Interior Girder 3	5.5	0.95	1	1	3.860631
HS15_str_inv	BOBJ1	129.34	After	Interior Girder 4	5.5	0.95	1	1	3.860631
HS15_str_inv	BOBJ1	129.34	After	Interior Girder 5	5.5	0.95	1	1	4.779991
HS15_str_inv	BOBJ1	129.34	After	Interior Girder 6	5.5	0.95	1	1	4.79275
HS15_str_inv	BOBJ1	130.79	Before	Left Exterior Girder	6.95	0.95	1	1	6.672152
HS15_str_inv	BOBJ1	130.79	Before	Interior Girder 1	6.95	0.95	1	1	4.813766
HS15_str_inv	BOBJ1	130.79	Before	Interior Girder 2	6.95	0.95	1	1	4.80047
HS15_str_inv	BOBJ1	130.79	Before	Interior Girder 3	6.95	0.95	1	1	3.877526
HS15_str_inv	BOBJ1	130.79	Before	Interior Girder 4	6.95	0.95	1	1	3.877526
HS15_str_inv	BOBJ1	130.79	Before	Interior Girder 5	6.95	0.95	1	1	4.80047
HS15_str_inv	BOBJ1	130.79	Before	Interior Girder 6	6.95	0.95	1	1	4.813766
HS15_str_inv	BOBJ1	130.79	Before	Right Exterior Girder	6.95	0.95	1	1	6.672152
HS15_str_inv	BOBJ1	130.79	After	Left Exterior Girder	6.95	0.95	1	1	7.031327
HS15_str_inv	BOBJ1	130.79	After	Interior Girder 1	6.95	0.95	1	1	6.417568
HS15_str_inv	BOBJ1	130.79	After	Interior Girder 2	6.95	0.95	1	1	6.177607
HS15_str_inv	BOBJ1	130.79	After	Interior Girder 3	6.95	0.95	1	1	5.502572
HS15_str_inv	BOBJ1	130.79	After	Interior Girder 4	6.95	0.95	1	1	5.502572
HS15_str_inv	BOBJ1	130.79	After	Interior Girder 5	6.95	0.95	1	1	6.177607
HS15_str_inv	BOBJ1	130.79	After	Interior Girder 6	6.95	0.95	1	1	6.417568
HS15_str_inv	BOBJ1	130.79	After	Right Exterior Girder	6.95	0.95	1	1	7.031327
HS15_str_inv	BOBJ1	132.34	Before	Left Exterior Girder	8.5	0.95	1	1	7.060207

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Approach, Span 12-1									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
HS15_str_inv	BOBJ1	132.34	Before	Right Exterior Girder	8.5	0.95	1	1	7.060207
HS15_str_inv	BOBJ1	132.34	After	Left Exterior Girder	8.5	0.95	1	1	8.595304
HS15_str_inv	BOBJ1	132.34	After	Right Exterior Girder	8.5	0.95	1	1	8.595304
HS15_str_inv	BOBJ1	137.74	Before	Left Exterior Girder	13.9	0.95	1	1	8.697843
HS15_str_inv	BOBJ1	137.74	Before	Interior Girder 1	13.9	0.95	1	1	6.884164
HS15_str_inv	BOBJ1	137.74	Before	Interior Girder 2	13.9	0.95	1	1	6.303622
HS15_str_inv	BOBJ1	137.74	Before	Interior Girder 3	13.9	0.95	1	1	5.616659
HS15_str_inv	BOBJ1	137.74	Before	Interior Girder 4	13.9	0.95	1	1	5.616659
HS15_str_inv	BOBJ1	137.74	Before	Interior Girder 5	13.9	0.95	1	1	6.303622
HS15_str_inv	BOBJ1	137.74	Before	Interior Girder 6	13.9	0.95	1	1	6.884164
HS15_str_inv	BOBJ1	137.74	Before	Right Exterior Girder	13.9	0.95	1	1	8.697843
HS15_str_inv	BOBJ1	137.74	After	Left Exterior Girder	13.9	0.95	1	1	11.37429
HS15_str_inv	BOBJ1	137.74	After	Interior Girder 1	13.9	0.95	1	1	7.3296
HS15_str_inv	BOBJ1	137.74	After	Interior Girder 2	13.9	0.95	1	1	6.800134
HS15_str_inv	BOBJ1	137.74	After	Interior Girder 3	13.9	0.95	1	1	5.909366
HS15_str_inv	BOBJ1	137.74	After	Interior Girder 4	13.9	0.95	1	1	5.909366
HS15_str_inv	BOBJ1	137.74	After	Interior Girder 5	13.9	0.95	1	1	6.800134
HS15_str_inv	BOBJ1	137.74	After	Interior Girder 6	13.9	0.95	1	1	7.3296
HS15_str_inv	BOBJ1	137.74	After	Right Exterior Girder	13.9	0.95	1	1	11.37429
HS15_str_inv	BOBJ1	143.7733	Before	Left Exterior Girder	19.9333	0.95	1	1	11.519994
HS15_str_inv	BOBJ1	143.7733	Before	Interior Girder 1	19.9333	0.95	1	1	7.45695
HS15_str_inv	BOBJ1	143.7733	Before	Interior Girder 2	19.9333	0.95	1	1	6.917956
HS15_str_inv	BOBJ1	143.7733	Before	Interior Girder 3	19.9333	0.95	1	1	6.012154
HS15_str_inv	BOBJ1	143.7733	Before	Interior Girder 4	19.9333	0.95	1	1	6.012154
HS15_str_inv	BOBJ1	143.7733	Before	Interior Girder 5	19.9333	0.95	1	1	6.917956
HS15_str_inv	BOBJ1	143.7733	Before	Interior Girder 6	19.9333	0.95	1	1	7.45695
HS15_str_inv	BOBJ1	143.7733	Before	Right Exterior Girder	19.9333	0.95	1	1	11.519994
HS15_str_inv	BOBJ1	143.7733	After	Left Exterior Girder	19.9333	0.95	1	1	14.005358
HS15_str_inv	BOBJ1	143.7733	After	Interior Girder 1	19.9333	0.95	1	1	9.487621
HS15_str_inv	BOBJ1	143.7733	After	Interior Girder 2	19.9333	0.95	1	1	8.692245
HS15_str_inv	BOBJ1	143.7733	After	Interior Girder 3	19.9333	0.95	1	1	7.750023
HS15_str_inv	BOBJ1	143.7733	After	Interior Girder 4	19.9333	0.95	1	1	7.750023
HS15_str_inv	BOBJ1	143.7733	After	Interior Girder 5	19.9333	0.95	1	1	8.692245
HS15_str_inv	BOBJ1	143.7733	After	Interior Girder 6	19.9333	0.95	1	1	9.487621
HS15_str_inv	BOBJ1	143.7733	After	Right Exterior Girder	19.9333	0.95	1	1	14.005358
HS15_str_inv	BOBJ1	149.8067	Before	Left Exterior Girder	25.9667	0.95	1	1	14.178113
HS15_str_inv	BOBJ1	149.8067	Before	Interior Girder 1	25.9667	0.95	1	1	9.648862
HS15_str_inv	BOBJ1	149.8067	Before	Interior Girder 2	25.9667	0.95	1	1	8.839453
HS15_str_inv	BOBJ1	149.8067	Before	Interior Girder 3	25.9667	0.95	1	1	7.881564
HS15_str_inv	BOBJ1	149.8067	Before	Interior Girder 4	25.9667	0.95	1	1	7.881564
HS15_str_inv	BOBJ1	149.8067	Before	Interior Girder 5	25.9667	0.95	1	1	8.839453
HS15_str_inv	BOBJ1	149.8067	Before	Interior Girder 6	25.9667	0.95	1	1	9.648862
HS15_str_inv	BOBJ1	149.8067	Before	Right Exterior Girder	25.9667	0.95	1	1	14.178113
HS15_str_inv	BOBJ1	149.8067	After	Left Exterior Girder	25.9667	0.95	1	1	18.07387
HS15_str_inv	BOBJ1	149.8067	After	Interior Girder 1	25.9667	0.95	1	1	12.784624
HS15_str_inv	BOBJ1	149.8067	After	Interior Girder 2	25.9667	0.95	1	1	11.599297
HS15_str_inv	BOBJ1	149.8067	After	Interior Girder 3	25.9667	0.95	1	1	10.482153
HS15_str_inv	BOBJ1	149.8067	After	Interior Girder 4	25.9667	0.95	1	1	10.482153
HS15_str_inv	BOBJ1	149.8067	After	Interior Girder 5	25.9667	0.95	1	1	11.599297
HS15_str_inv	BOBJ1	149.8067	After	Interior Girder 6	25.9667	0.95	1	1	12.784624
HS15_str_inv	BOBJ1	149.8067	After	Right Exterior Girder	25.9667	0.95	1	1	18.07387
HS15_str_inv	BOBJ1	155.84	Before	Left Exterior Girder	32	0.95	1	1	18.28897
HS15_str_inv	BOBJ1	155.84	Before	Interior Girder 1	32	0.95	1	1	12.997099
HS15_str_inv	BOBJ1	155.84	Before	Interior Girder 2	32	0.95	1	1	11.791326
HS15_str_inv	BOBJ1	155.84	Before	Interior Girder 3	32	0.95	1	1	10.540757
HS15_str_inv	BOBJ1	155.84	Before	Interior Girder 4	32	0.95	1	1	10.540757
HS15_str_inv	BOBJ1	155.84	Before	Interior Girder 5	32	0.95	1	1	11.791326
HS15_str_inv	BOBJ1	155.84	Before	Interior Girder 6	32	0.95	1	1	12.997099
HS15_str_inv	BOBJ1	155.84	Before	Right Exterior Girder	32	0.95	1	1	18.28897
HS15_str_inv	BOBJ1	155.84	After	Left Exterior Girder	32	0.95	1	1	22.620278
HS15_str_inv	BOBJ1	155.84	After	Interior Girder 1	32	0.95	1	1	12.78854
HS15_str_inv	BOBJ1	155.84	After	Interior Girder 2	32	0.95	1	1	11.183829
HS15_str_inv	BOBJ1	155.84	After	Interior Girder 3	32	0.95	1	1	9.450427
HS15_str_inv	BOBJ1	155.84	After	Interior Girder 4	32	0.95	1	1	9.450427
HS15_str_inv	BOBJ1	155.84	After	Interior Girder 5	32	0.95	1	1	11.183829

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Approach, Span 12-1									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
HS15_str_inv	BOBJ1	155.84	After	Interior Girder 6	32	0.95	1	1	12.78854
HS15_str_inv	BOBJ1	155.84	After	Right Exterior Girder	32	0.95	1	1	22.620278
HS15_str_inv	BOBJ1	161.8733	Before	Left Exterior Girder	38.0333	0.95	1	1	22.360041
HS15_str_inv	BOBJ1	161.8733	Before	Interior Girder 1	38.0333	0.95	1	1	12.994956
HS15_str_inv	BOBJ1	161.8733	Before	Interior Girder 2	38.0333	0.95	1	1	11.364973
HS15_str_inv	BOBJ1	161.8733	Before	Interior Girder 3	38.0333	0.95	1	1	9.603413
HS15_str_inv	BOBJ1	161.8733	Before	Interior Girder 4	38.0333	0.95	1	1	9.603413
HS15_str_inv	BOBJ1	161.8733	Before	Interior Girder 5	38.0333	0.95	1	1	11.364973
HS15_str_inv	BOBJ1	161.8733	Before	Interior Girder 6	38.0333	0.95	1	1	12.994956
HS15_str_inv	BOBJ1	161.8733	Before	Right Exterior Girder	38.0333	0.95	1	1	22.360041
HS15_str_inv	BOBJ1	161.8733	After	Left Exterior Girder	38.0333	0.95	1	1	16.828276
HS15_str_inv	BOBJ1	161.8733	After	Interior Girder 1	38.0333	0.95	1	1	10.688601
HS15_str_inv	BOBJ1	161.8733	After	Interior Girder 2	38.0333	0.95	1	1	9.892645
HS15_str_inv	BOBJ1	161.8733	After	Interior Girder 3	38.0333	0.95	1	1	8.647662
HS15_str_inv	BOBJ1	161.8733	After	Interior Girder 4	38.0333	0.95	1	1	8.647662
HS15_str_inv	BOBJ1	161.8733	After	Interior Girder 5	38.0333	0.95	1	1	9.892645
HS15_str_inv	BOBJ1	161.8733	After	Interior Girder 6	38.0333	0.95	1	1	10.688601
HS15_str_inv	BOBJ1	161.8733	After	Right Exterior Girder	38.0333	0.95	1	1	16.828276
HS15_str_inv	BOBJ1	167.9067	Before	Left Exterior Girder	44.0667	0.95	1	1	16.62788
HS15_str_inv	BOBJ1	167.9067	Before	Interior Girder 1	44.0667	0.95	1	1	10.512776
HS15_str_inv	BOBJ1	167.9067	Before	Interior Girder 2	44.0667	0.95	1	1	9.730424
HS15_str_inv	BOBJ1	167.9067	Before	Interior Girder 3	44.0667	0.95	1	1	8.5057
HS15_str_inv	BOBJ1	167.9067	Before	Interior Girder 4	44.0667	0.95	1	1	8.5057
HS15_str_inv	BOBJ1	167.9067	Before	Interior Girder 5	44.0667	0.95	1	1	9.730424
HS15_str_inv	BOBJ1	167.9067	Before	Interior Girder 6	44.0667	0.95	1	1	10.512776
HS15_str_inv	BOBJ1	167.9067	Before	Right Exterior Girder	44.0667	0.95	1	1	16.62788
HS15_str_inv	BOBJ1	167.9067	After	Left Exterior Girder	44.0667	0.95	1	1	13.295921
HS15_str_inv	BOBJ1	167.9067	After	Interior Girder 1	44.0667	0.95	1	1	8.169551
HS15_str_inv	BOBJ1	167.9067	After	Interior Girder 2	44.0667	0.95	1	1	7.580798
HS15_str_inv	BOBJ1	167.9067	After	Interior Girder 3	44.0667	0.95	1	1	6.564505
HS15_str_inv	BOBJ1	167.9067	After	Interior Girder 4	44.0667	0.95	1	1	6.564505
HS15_str_inv	BOBJ1	167.9067	After	Interior Girder 5	44.0667	0.95	1	1	7.580798
HS15_str_inv	BOBJ1	167.9067	After	Interior Girder 6	44.0667	0.95	1	1	8.169551
HS15_str_inv	BOBJ1	167.9067	After	Right Exterior Girder	44.0667	0.95	1	1	13.295921
HS15_str_inv	BOBJ1	173.94	Before	Left Exterior Girder	50.1	0.95	1	1	13.13175
HS15_str_inv	BOBJ1	173.94	Before	Interior Girder 1	50.1	0.95	1	1	8.032225
HS15_str_inv	BOBJ1	173.94	Before	Interior Girder 2	50.1	0.95	1	1	7.453686
HS15_str_inv	BOBJ1	173.94	Before	Interior Girder 3	50.1	0.95	1	1	6.45418
HS15_str_inv	BOBJ1	173.94	Before	Interior Girder 4	50.1	0.95	1	1	6.45418
HS15_str_inv	BOBJ1	173.94	Before	Interior Girder 5	50.1	0.95	1	1	7.453686
HS15_str_inv	BOBJ1	173.94	Before	Interior Girder 6	50.1	0.95	1	1	8.032225
HS15_str_inv	BOBJ1	173.94	Before	Right Exterior Girder	50.1	0.95	1	1	13.13175
HS15_str_inv	BOBJ1	173.94	After	Left Exterior Girder	50.1	0.95	1	1	9.510861
HS15_str_inv	BOBJ1	173.94	After	Interior Girder 1	50.1	0.95	1	1	7.787187
HS15_str_inv	BOBJ1	173.94	After	Interior Girder 2	50.1	0.95	1	1	7.092141
HS15_str_inv	BOBJ1	173.94	After	Interior Girder 3	50.1	0.95	1	1	6.499586
HS15_str_inv	BOBJ1	173.94	After	Interior Girder 4	50.1	0.95	1	1	6.499586
HS15_str_inv	BOBJ1	173.94	After	Interior Girder 5	50.1	0.95	1	1	7.092141
HS15_str_inv	BOBJ1	173.94	After	Interior Girder 6	50.1	0.95	1	1	7.787187
HS15_str_inv	BOBJ1	173.94	After	Right Exterior Girder	50.1	0.95	1	1	9.510861
HS15_str_inv	BOBJ1	179.98	Before	Left Exterior Girder	56.14	0.95	1	1	9.388757
HS15_str_inv	BOBJ1	179.98	Before	Interior Girder 1	56.14	0.95	1	1	7.6529
HS15_str_inv	BOBJ1	179.98	Before	Interior Girder 2	56.14	0.95	1	1	6.970756
HS15_str_inv	BOBJ1	179.98	Before	Interior Girder 3	56.14	0.95	1	1	6.387072
HS15_str_inv	BOBJ1	179.98	Before	Interior Girder 4	56.14	0.95	1	1	6.387072
HS15_str_inv	BOBJ1	179.98	Before	Interior Girder 5	56.14	0.95	1	1	6.970756
HS15_str_inv	BOBJ1	179.98	Before	Interior Girder 6	56.14	0.95	1	1	7.6529
HS15_str_inv	BOBJ1	179.98	Before	Right Exterior Girder	56.14	0.95	1	1	9.388757
HS15_str_inv	BOBJ1	179.98	After	Left Exterior Girder	56.14	0.95	1	1	8.411378
HS15_str_inv	BOBJ1	179.98	After	Interior Girder 1	56.14	0.95	1	1	6.116688
HS15_str_inv	BOBJ1	179.98	After	Interior Girder 2	56.14	0.95	1	1	5.643357
HS15_str_inv	BOBJ1	179.98	After	Interior Girder 3	56.14	0.95	1	1	4.90606
HS15_str_inv	BOBJ1	179.98	After	Interior Girder 4	56.14	0.95	1	1	4.90606
HS15_str_inv	BOBJ1	179.98	After	Interior Girder 5	56.14	0.95	1	1	5.643357
HS15_str_inv	BOBJ1	179.98	After	Interior Girder 6	56.14	0.95	1	1	6.116688

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Approach, Span 12-1									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
HS15_str_inv	BOBJ1	179.98	After	Right Exterior Girder	56.14	0.95	1	1	8.411378
HS15_str_inv	BOBJ1	183.56	Before	Left Exterior Girder	59.72	0.95	1	1	8.344931
HS15_str_inv	BOBJ1	183.56	Before	Right Exterior Girder	59.72	0.95	1	1	8.344931
HS15_str_inv	BOBJ1	183.56	After	Left Exterior Girder	59.72	0.95	1	1	7.551825
HS15_str_inv	BOBJ1	183.56	After	Right Exterior Girder	59.72	0.95	1	1	7.551825
HS15_str_inv	BOBJ1	186.02	Before	Left Exterior Girder	62.18	0.95	1	1	7.502552
HS15_str_inv	BOBJ1	186.02	Before	Interior Girder 1	62.22	0.95	1	1	6.237831
HS15_str_inv	BOBJ1	186.02	Before	Interior Girder 2	62.22	0.95	1	1	5.544586
HS15_str_inv	BOBJ1	186.02	Before	Interior Girder 3	62.22	0.95	1	1	4.818914
HS15_str_inv	BOBJ1	186.02	Before	Interior Girder 4	62.22	0.95	1	1	4.818914
HS15_str_inv	BOBJ1	186.02	Before	Interior Girder 5	62.22	0.95	1	1	5.544586
HS15_str_inv	BOBJ1	186.02	Before	Interior Girder 6	62.22	0.95	1	1	6.237831
HS15_str_inv	BOBJ1	186.02	Before	Right Exterior Girder	62.18	0.95	1	1	7.502552
HS15_str_inv	BOBJ1	186.02	After	Left Exterior Girder	62.18	0.95	1	1	7.502222
HS15_str_inv	BOBJ1	186.02	After	Interior Girder 1	62.22	0.95	1	1	4.980011
HS15_str_inv	BOBJ1	186.02	After	Interior Girder 2	62.22	0.95	1	1	4.62849
HS15_str_inv	BOBJ1	186.02	After	Interior Girder 3	62.22	0.95	1	1	3.7797
HS15_str_inv	BOBJ1	186.02	After	Interior Girder 4	62.22	0.95	1	1	3.7797
HS15_str_inv	BOBJ1	186.02	After	Interior Girder 5	62.22	0.95	1	1	4.62849
HS15_str_inv	BOBJ1	186.02	After	Interior Girder 6	62.22	0.95	1	1	4.980011
HS15_str_inv	BOBJ1	186.02	After	Right Exterior Girder	62.18	0.95	1	1	7.502222
HS15_str_inv	BOBJ1	192.06	Before	Left Exterior Girder	68.22	0.95	1	1	7.379157
HS15_str_inv	BOBJ1	192.06	Before	Interior Girder 1	68.22	0.95	1	1	4.885072
HS15_str_inv	BOBJ1	192.06	Before	Interior Girder 2	68.22	0.95	1	1	4.540824
HS15_str_inv	BOBJ1	192.06	Before	Interior Girder 3	68.22	0.95	1	1	3.706613
HS15_str_inv	BOBJ1	192.06	Before	Interior Girder 4	68.22	0.95	1	1	3.706613
HS15_str_inv	BOBJ1	192.06	Before	Interior Girder 5	68.22	0.95	1	1	4.540824
HS15_str_inv	BOBJ1	192.06	Before	Interior Girder 6	68.22	0.95	1	1	4.885072
HS15_str_inv	BOBJ1	192.06	Before	Right Exterior Girder	68.22	0.95	1	1	7.379157
HS15_str_inv	BOBJ1	192.06	After	Left Exterior Girder	0	0.95	1	1	7.59733
HS15_str_inv	BOBJ1	192.06	After	Interior Girder 1	0	0.95	1	1	4.961802
HS15_str_inv	BOBJ1	192.06	After	Interior Girder 2	0	0.95	1	1	4.612921
HS15_str_inv	BOBJ1	192.06	After	Interior Girder 3	0	0.95	1	1	3.621329
HS15_str_inv	BOBJ1	192.06	After	Interior Girder 4	0	0.95	1	1	3.621329
HS15_str_inv	BOBJ1	192.06	After	Interior Girder 5	0	0.95	1	1	4.612921
HS15_str_inv	BOBJ1	192.06	After	Interior Girder 6	0	0.95	1	1	4.961802
HS15_str_inv	BOBJ1	192.06	After	Right Exterior Girder	0	0.95	1	1	7.59733
HS15_str_inv	BOBJ1	197.087	Before	Interior Girder 1	5.027	0.95	1	1	5.042652
HS15_str_inv	BOBJ1	197.087	Before	Interior Girder 2	5.027	0.95	1	1	4.687247
HS15_str_inv	BOBJ1	197.087	Before	Interior Girder 3	5.027	0.95	1	1	3.681748
HS15_str_inv	BOBJ1	197.087	Before	Interior Girder 4	5.027	0.95	1	1	3.681748
HS15_str_inv	BOBJ1	197.087	Before	Interior Girder 5	5.027	0.95	1	1	4.687247
HS15_str_inv	BOBJ1	197.087	Before	Interior Girder 6	5.027	0.95	1	1	5.042652
HS15_str_inv	BOBJ1	197.087	After	Interior Girder 1	5.027	0.95	1	1	4.90117
HS15_str_inv	BOBJ1	197.087	After	Interior Girder 2	5.027	0.95	1	1	5.34148
HS15_str_inv	BOBJ1	197.087	After	Interior Girder 3	5.027	0.95	1	1	4.350958
HS15_str_inv	BOBJ1	197.087	After	Interior Girder 4	5.027	0.95	1	1	4.350958
HS15_str_inv	BOBJ1	197.087	After	Interior Girder 5	5.027	0.95	1	1	5.34148
HS15_str_inv	BOBJ1	197.087	After	Interior Girder 6	5.027	0.95	1	1	4.90117
HS15_str_inv	BOBJ1	197.91	Before	Left Exterior Girder	5.85	0.95	1	1	6.990399
HS15_str_inv	BOBJ1	197.91	Before	Interior Girder 1	5.85	0.95	1	1	4.913558
HS15_str_inv	BOBJ1	197.91	Before	Interior Girder 2	5.85	0.95	1	1	5.354556
HS15_str_inv	BOBJ1	197.91	Before	Interior Girder 3	5.85	0.95	1	1	4.36195
HS15_str_inv	BOBJ1	197.91	Before	Interior Girder 4	5.85	0.95	1	1	4.36195
HS15_str_inv	BOBJ1	197.91	Before	Interior Girder 5	5.85	0.95	1	1	5.354556
HS15_str_inv	BOBJ1	197.91	Before	Interior Girder 6	5.85	0.95	1	1	4.913558
HS15_str_inv	BOBJ1	197.91	Before	Right Exterior Girder	5.85	0.95	1	1	6.990399
HS15_str_inv	BOBJ1	197.91	After	Left Exterior Girder	5.85	0.95	1	1	7.199518
HS15_str_inv	BOBJ1	197.91	After	Interior Girder 1	5.85	0.95	1	1	4.959092
HS15_str_inv	BOBJ1	197.91	After	Interior Girder 2	5.85	0.95	1	1	5.296266
HS15_str_inv	BOBJ1	197.91	After	Interior Girder 3	5.85	0.95	1	1	4.479571
HS15_str_inv	BOBJ1	197.91	After	Interior Girder 4	5.85	0.95	1	1	4.479571
HS15_str_inv	BOBJ1	197.91	After	Interior Girder 5	5.85	0.95	1	1	5.296266
HS15_str_inv	BOBJ1	197.91	After	Interior Girder 6	5.85	0.95	1	1	4.959092
HS15_str_inv	BOBJ1	197.91	After	Right Exterior Girder	5.85	0.95	1	1	7.199518

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Approach, Span 12-1									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
HS15_str_inv	BOBJ1	199.1816	Before	Left Exterior Girder	7.1216	0.95	1	1	7.224599
HS15_str_inv	BOBJ1	199.1816	Before	Right Exterior Girder	7.1216	0.95	1	1	7.224599
HS15_str_inv	BOBJ1	199.1816	After	Left Exterior Girder	7.1216	0.95	1	1	8.678522
HS15_str_inv	BOBJ1	199.1816	After	Right Exterior Girder	7.1216	0.95	1	1	8.678522
HS15_str_inv	BOBJ1	203.5267	Before	Left Exterior Girder	11.3107	0.95	1	1	8.767888
HS15_str_inv	BOBJ1	203.5267	Before	Interior Girder 1	11.3107	0.95	1	1	5.773625
HS15_str_inv	BOBJ1	203.5267	Before	Interior Girder 2	11.3107	0.95	1	1	5.384999
HS15_str_inv	BOBJ1	203.5267	Before	Interior Girder 3	11.3107	0.95	1	1	4.555508
HS15_str_inv	BOBJ1	203.5267	Before	Interior Girder 4	11.3107	0.95	1	1	4.555508
HS15_str_inv	BOBJ1	203.5267	Before	Interior Girder 5	11.3107	0.95	1	1	5.384999
HS15_str_inv	BOBJ1	203.5267	Before	Interior Girder 6	11.3107	0.95	1	1	5.773625
HS15_str_inv	BOBJ1	203.5267	Before	Right Exterior Girder	11.3107	0.95	1	1	8.767888
HS15_str_inv	BOBJ1	203.5267	After	Left Exterior Girder	11.3107	0.95	1	1	11.699308
HS15_str_inv	BOBJ1	203.5267	After	Interior Girder 1	11.3107	0.95	1	1	8.200394
HS15_str_inv	BOBJ1	203.5267	After	Interior Girder 2	11.3107	0.95	1	1	7.533665
HS15_str_inv	BOBJ1	203.5267	After	Interior Girder 3	11.3107	0.95	1	1	6.649891
HS15_str_inv	BOBJ1	203.5267	After	Interior Girder 4	11.3107	0.95	1	1	6.649891
HS15_str_inv	BOBJ1	203.5267	After	Interior Girder 5	11.3107	0.95	1	1	7.533665
HS15_str_inv	BOBJ1	203.5267	After	Interior Girder 6	11.3107	0.95	1	1	8.200394
HS15_str_inv	BOBJ1	203.5267	After	Right Exterior Girder	11.3107	0.95	1	1	11.699308
HS15_str_inv	BOBJ1	209.1433	Before	Left Exterior Girder	17.0833	0.95	1	1	11.835898
HS15_str_inv	BOBJ1	209.1433	Before	Interior Girder 1	17.0833	0.95	1	1	8.3261
HS15_str_inv	BOBJ1	209.1433	Before	Interior Girder 2	17.0833	0.95	1	1	7.648482
HS15_str_inv	BOBJ1	209.1433	Before	Interior Girder 3	17.0833	0.95	1	1	6.751967
HS15_str_inv	BOBJ1	209.1433	Before	Interior Girder 4	17.0833	0.95	1	1	6.751967
HS15_str_inv	BOBJ1	209.1433	Before	Interior Girder 5	17.0833	0.95	1	1	7.648482
HS15_str_inv	BOBJ1	209.1433	Before	Interior Girder 6	17.0833	0.95	1	1	8.3261
HS15_str_inv	BOBJ1	209.1433	Before	Right Exterior Girder	17.0833	0.95	1	1	11.835898
HS15_str_inv	BOBJ1	209.1433	After	Left Exterior Girder	17.0833	0.95	1	1	14.198404
HS15_str_inv	BOBJ1	209.1433	After	Interior Girder 1	17.0833	0.95	1	1	10.477353
HS15_str_inv	BOBJ1	209.1433	After	Interior Girder 2	17.0833	0.95	1	1	9.523316
HS15_str_inv	BOBJ1	209.1433	After	Interior Girder 3	17.0833	0.95	1	1	8.611785
HS15_str_inv	BOBJ1	209.1433	After	Interior Girder 4	17.0833	0.95	1	1	8.611785
HS15_str_inv	BOBJ1	209.1433	After	Interior Girder 5	17.0833	0.95	1	1	9.523316
HS15_str_inv	BOBJ1	209.1433	After	Interior Girder 6	17.0833	0.95	1	1	10.477353
HS15_str_inv	BOBJ1	209.1433	After	Right Exterior Girder	17.0833	0.95	1	1	14.198404
HS15_str_inv	BOBJ1	214.76	Before	Left Exterior Girder	22.7	0.95	1	1	14.358951
HS15_str_inv	BOBJ1	214.76	Before	Interior Girder 1	22.7	0.95	1	1	10.634884
HS15_str_inv	BOBJ1	214.76	Before	Interior Girder 2	22.7	0.95	1	1	9.665629
HS15_str_inv	BOBJ1	214.76	Before	Interior Girder 3	22.7	0.95	1	1	8.741191
HS15_str_inv	BOBJ1	214.76	Before	Interior Girder 4	22.7	0.95	1	1	8.741191
HS15_str_inv	BOBJ1	214.76	Before	Interior Girder 5	22.7	0.95	1	1	9.665629
HS15_str_inv	BOBJ1	214.76	Before	Interior Girder 6	22.7	0.95	1	1	10.634884
HS15_str_inv	BOBJ1	214.76	Before	Right Exterior Girder	22.7	0.95	1	1	14.358951
HS15_str_inv	BOBJ1	214.76	After	Left Exterior Girder	22.7	0.95	1	1	21.490137
HS15_str_inv	BOBJ1	214.76	After	Interior Girder 1	22.7	0.95	1	1	11.139533
HS15_str_inv	BOBJ1	214.76	After	Interior Girder 2	22.7	0.95	1	1	9.973613
HS15_str_inv	BOBJ1	214.76	After	Interior Girder 3	22.7	0.95	1	1	8.431949
HS15_str_inv	BOBJ1	214.76	After	Interior Girder 4	22.7	0.95	1	1	8.431949
HS15_str_inv	BOBJ1	214.76	After	Interior Girder 5	22.7	0.95	1	1	9.973613
HS15_str_inv	BOBJ1	214.76	After	Interior Girder 6	22.7	0.95	1	1	11.139533
HS15_str_inv	BOBJ1	214.76	After	Right Exterior Girder	22.7	0.95	1	1	21.490137
HS15_str_inv	BOBJ1	220.3767	Before	Left Exterior Girder	28.3167	0.95	1	1	21.726225
HS15_str_inv	BOBJ1	220.3767	Before	Interior Girder 1	28.3167	0.95	1	1	11.303153
HS15_str_inv	BOBJ1	220.3767	Before	Interior Girder 2	28.3167	0.95	1	1	10.119977
HS15_str_inv	BOBJ1	220.3767	Before	Interior Girder 3	28.3167	0.95	1	1	8.555788
HS15_str_inv	BOBJ1	220.3767	Before	Interior Girder 4	28.3167	0.95	1	1	8.555788
HS15_str_inv	BOBJ1	220.3767	Before	Interior Girder 5	28.3167	0.95	1	1	10.119977
HS15_str_inv	BOBJ1	220.3767	Before	Interior Girder 6	28.3167	0.95	1	1	11.303153
HS15_str_inv	BOBJ1	220.3767	Before	Right Exterior Girder	28.3167	0.95	1	1	21.726225
HS15_str_inv	BOBJ1	220.3767	After	Left Exterior Girder	28.3167	0.95	1	1	29.91577
HS15_str_inv	BOBJ1	220.3767	After	Interior Girder 1	28.3167	0.95	1	1	15.174872
HS15_str_inv	BOBJ1	220.3767	After	Interior Girder 2	28.3167	0.95	1	1	13.406828
HS15_str_inv	BOBJ1	220.3767	After	Interior Girder 3	28.3167	0.95	1	1	11.222394
HS15_str_inv	BOBJ1	220.3767	After	Interior Girder 4	28.3167	0.95	1	1	11.222394

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Approach, Span 12-1									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
HS15_str_inv	BOBJ1	220.3767	After	Interior Girder 5	28.3167	0.95	1	1	13.406828
HS15_str_inv	BOBJ1	220.3767	After	Interior Girder 6	28.3167	0.95	1	1	15.174872
HS15_str_inv	BOBJ1	220.3767	After	Right Exterior Girder	28.3167	0.95	1	1	29.91577
HS15_str_inv	BOBJ1	225.9933	Before	Left Exterior Girder	33.9333	0.95	1	1	30.234755
HS15_str_inv	BOBJ1	225.9933	Before	Interior Girder 1	33.9333	0.95	1	1	15.393584
HS15_str_inv	BOBJ1	225.9933	Before	Interior Girder 2	33.9333	0.95	1	1	13.599824
HS15_str_inv	BOBJ1	225.9933	Before	Interior Girder 3	33.9333	0.95	1	1	11.383953
HS15_str_inv	BOBJ1	225.9933	Before	Interior Girder 4	33.9333	0.95	1	1	11.383953
HS15_str_inv	BOBJ1	225.9933	Before	Interior Girder 5	33.9333	0.95	1	1	13.599824
HS15_str_inv	BOBJ1	225.9933	Before	Interior Girder 6	33.9333	0.95	1	1	15.393584
HS15_str_inv	BOBJ1	225.9933	Before	Right Exterior Girder	33.9333	0.95	1	1	30.234755
HS15_str_inv	BOBJ1	225.9933	After	Left Exterior Girder	33.9333	0.95	1	1	25.96908
HS15_str_inv	BOBJ1	225.9933	After	Interior Girder 1	33.9333	0.95	1	1	12.935664
HS15_str_inv	BOBJ1	225.9933	After	Interior Girder 2	33.9333	0.95	1	1	11.514158
HS15_str_inv	BOBJ1	225.9933	After	Interior Girder 3	33.9333	0.95	1	1	9.800222
HS15_str_inv	BOBJ1	225.9933	After	Interior Girder 4	33.9333	0.95	1	1	9.800222
HS15_str_inv	BOBJ1	225.9933	After	Interior Girder 5	33.9333	0.95	1	1	11.514158
HS15_str_inv	BOBJ1	225.9933	After	Interior Girder 6	33.9333	0.95	1	1	12.935664
HS15_str_inv	BOBJ1	225.9933	After	Right Exterior Girder	33.9333	0.95	1	1	25.96908
HS15_str_inv	BOBJ1	231.61	Before	Left Exterior Girder	39.55	0.95	1	1	25.698387
HS15_str_inv	BOBJ1	231.61	Before	Interior Girder 1	39.55	0.95	1	1	12.753533
HS15_str_inv	BOBJ1	231.61	Before	Interior Girder 2	39.55	0.95	1	1	11.351824
HS15_str_inv	BOBJ1	231.61	Before	Interior Girder 3	39.55	0.95	1	1	9.661986
HS15_str_inv	BOBJ1	231.61	Before	Interior Girder 4	39.55	0.95	1	1	9.661986
HS15_str_inv	BOBJ1	231.61	Before	Interior Girder 5	39.55	0.95	1	1	11.351824
HS15_str_inv	BOBJ1	231.61	Before	Interior Girder 6	39.55	0.95	1	1	12.753533
HS15_str_inv	BOBJ1	231.61	Before	Right Exterior Girder	39.55	0.95	1	1	25.698387
HS15_str_inv	BOBJ1	231.61	After	Left Exterior Girder	39.55	0.95	1	1	16.712654
HS15_str_inv	BOBJ1	231.61	After	Interior Girder 1	39.55	0.95	1	1	12.25725
HS15_str_inv	BOBJ1	231.61	After	Interior Girder 2	39.55	0.95	1	1	11.070302
HS15_str_inv	BOBJ1	231.61	After	Interior Girder 3	39.55	0.95	1	1	10.323926
HS15_str_inv	BOBJ1	231.61	After	Interior Girder 4	39.55	0.95	1	1	10.323926
HS15_str_inv	BOBJ1	231.61	After	Interior Girder 5	39.55	0.95	1	1	11.070302
HS15_str_inv	BOBJ1	231.61	After	Interior Girder 6	39.55	0.95	1	1	12.25725
HS15_str_inv	BOBJ1	231.61	After	Right Exterior Girder	39.55	0.95	1	1	16.712654
HS15_str_inv	BOBJ1	237.37	Before	Left Exterior Girder	45.31	0.95	1	1	16.529251
HS15_str_inv	BOBJ1	237.37	Before	Interior Girder 1	45.31	0.95	1	1	12.075925
HS15_str_inv	BOBJ1	237.37	Before	Interior Girder 2	45.31	0.95	1	1	10.907314
HS15_str_inv	BOBJ1	237.37	Before	Interior Girder 3	45.31	0.95	1	1	10.171435
HS15_str_inv	BOBJ1	237.37	Before	Interior Girder 4	45.31	0.95	1	1	10.171435
HS15_str_inv	BOBJ1	237.37	Before	Interior Girder 5	45.31	0.95	1	1	10.907314
HS15_str_inv	BOBJ1	237.37	Before	Interior Girder 6	45.31	0.95	1	1	12.075925
HS15_str_inv	BOBJ1	237.37	Before	Right Exterior Girder	45.31	0.95	1	1	16.529251
HS15_str_inv	BOBJ1	237.37	After	Left Exterior Girder	45.31	0.95	1	1	13.410595
HS15_str_inv	BOBJ1	237.37	After	Interior Girder 1	45.31	0.95	1	1	9.213763
HS15_str_inv	BOBJ1	237.37	After	Interior Girder 2	45.31	0.95	1	1	8.401477
HS15_str_inv	BOBJ1	237.37	After	Interior Girder 3	45.31	0.95	1	1	7.62726
HS15_str_inv	BOBJ1	237.37	After	Interior Girder 4	45.31	0.95	1	1	7.62726
HS15_str_inv	BOBJ1	237.37	After	Interior Girder 5	45.31	0.95	1	1	8.401477
HS15_str_inv	BOBJ1	237.37	After	Interior Girder 6	45.31	0.95	1	1	9.213763
HS15_str_inv	BOBJ1	237.37	After	Right Exterior Girder	45.31	0.95	1	1	13.410595
HS15_str_inv	BOBJ1	243.13	Before	Left Exterior Girder	51.07	0.95	1	1	13.258903
HS15_str_inv	BOBJ1	243.13	Before	Interior Girder 1	51.07	0.95	1	1	9.074725
HS15_str_inv	BOBJ1	243.13	Before	Interior Girder 2	51.07	0.95	1	1	8.275322
HS15_str_inv	BOBJ1	243.13	Before	Interior Girder 3	51.07	0.95	1	1	7.512264
HS15_str_inv	BOBJ1	243.13	Before	Interior Girder 4	51.07	0.95	1	1	7.512264
HS15_str_inv	BOBJ1	243.13	Before	Interior Girder 5	51.07	0.95	1	1	8.275322
HS15_str_inv	BOBJ1	243.13	Before	Interior Girder 6	51.07	0.95	1	1	9.074725
HS15_str_inv	BOBJ1	243.13	Before	Right Exterior Girder	51.07	0.95	1	1	13.258903
HS15_str_inv	BOBJ1	243.13	After	Left Exterior Girder	51.07	0.95	1	1	11.421288
HS15_str_inv	BOBJ1	243.13	After	Interior Girder 1	51.07	0.95	1	1	6.981776
HS15_str_inv	BOBJ1	243.13	After	Interior Girder 2	51.07	0.95	1	1	6.498424
HS15_str_inv	BOBJ1	243.13	After	Interior Girder 3	51.07	0.95	1	1	5.568001
HS15_str_inv	BOBJ1	243.13	After	Interior Girder 4	51.07	0.95	1	1	5.568001
HS15_str_inv	BOBJ1	243.13	After	Interior Girder 5	51.07	0.95	1	1	6.498424

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Approach, Span 12-1									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
HS15_str_inv	BOBJ1	243.13	After	Interior Girder 6	51.07	0.95	1	1	6.981776
HS15_str_inv	BOBJ1	243.13	After	Right Exterior Girder	51.07	0.95	1	1	11.421288
HS15_str_inv	BOBJ1	248.89	Before	Left Exterior Girder	56.83	0.95	1	1	11.287755
HS15_str_inv	BOBJ1	248.89	Before	Interior Girder 1	56.83	0.95	1	1	6.874521
HS15_str_inv	BOBJ1	248.89	Before	Interior Girder 2	56.83	0.95	1	1	6.398825
HS15_str_inv	BOBJ1	248.89	Before	Interior Girder 3	56.83	0.95	1	1	5.482255
HS15_str_inv	BOBJ1	248.89	Before	Interior Girder 4	56.83	0.95	1	1	5.482255
HS15_str_inv	BOBJ1	248.89	Before	Interior Girder 5	56.83	0.95	1	1	6.398825
HS15_str_inv	BOBJ1	248.89	Before	Interior Girder 6	56.83	0.95	1	1	6.874521
HS15_str_inv	BOBJ1	248.89	Before	Right Exterior Girder	56.83	0.95	1	1	11.287755
Lane_str_opr	BOBJ1	0	After	Left Exterior Girder	0	0.95	1	1	57.646001
Lane_str_opr	BOBJ1	0	After	Interior Girder 1	0	0.95	1	1	38.481239
Lane_str_opr	BOBJ1	0	After	Interior Girder 2	0	0.95	1	1	37.766612
Lane_str_opr	BOBJ1	0	After	Interior Girder 3	0	0.95	1	1	35.886989
Lane_str_opr	BOBJ1	0	After	Interior Girder 4	0	0.95	1	1	35.886989
Lane_str_opr	BOBJ1	0	After	Interior Girder 5	0	0.95	1	1	37.766612
Lane_str_opr	BOBJ1	0	After	Interior Girder 6	0	0.95	1	1	38.481239
Lane_str_opr	BOBJ1	0	After	Right Exterior Girder	0	0.95	1	1	57.646001
Lane_str_opr	BOBJ1	5.85	Before	Left Exterior Girder	5.85	0.95	1	1	58.281954
Lane_str_opr	BOBJ1	5.85	Before	Interior Girder 1	5.85	0.95	1	1	39.052286
Lane_str_opr	BOBJ1	5.85	Before	Interior Girder 2	5.85	0.95	1	1	38.323501
Lane_str_opr	BOBJ1	5.85	Before	Interior Girder 3	5.85	0.95	1	1	36.420011
Lane_str_opr	BOBJ1	5.85	Before	Interior Girder 4	5.85	0.95	1	1	36.420011
Lane_str_opr	BOBJ1	5.85	Before	Interior Girder 5	5.85	0.95	1	1	38.323501
Lane_str_opr	BOBJ1	5.85	Before	Interior Girder 6	5.85	0.95	1	1	39.052286
Lane_str_opr	BOBJ1	5.85	Before	Right Exterior Girder	5.85	0.95	1	1	58.281954
Lane_str_opr	BOBJ1	5.85	After	Left Exterior Girder	5.85	0.95	1	1	80.756963
Lane_str_opr	BOBJ1	5.85	After	Interior Girder 1	5.85	0.95	1	1	47.513363
Lane_str_opr	BOBJ1	5.85	After	Interior Girder 2	5.85	0.95	1	1	47.048442
Lane_str_opr	BOBJ1	5.85	After	Interior Girder 3	5.85	0.95	1	1	46.348244
Lane_str_opr	BOBJ1	5.85	After	Interior Girder 4	5.85	0.95	1	1	46.348244
Lane_str_opr	BOBJ1	5.85	After	Interior Girder 5	5.85	0.95	1	1	47.048442
Lane_str_opr	BOBJ1	5.85	After	Interior Girder 6	5.85	0.95	1	1	47.513363
Lane_str_opr	BOBJ1	5.85	After	Right Exterior Girder	5.85	0.95	1	1	80.756963
Lane_str_opr	BOBJ1	11.4667	Before	Left Exterior Girder	11.4667	0.95	1	1	81.5862
Lane_str_opr	BOBJ1	11.4667	Before	Interior Girder 1	11.4667	0.95	1	1	48.176013
Lane_str_opr	BOBJ1	11.4667	Before	Interior Girder 2	11.4667	0.95	1	1	47.70313
Lane_str_opr	BOBJ1	11.4667	Before	Interior Girder 3	11.4667	0.95	1	1	46.994182
Lane_str_opr	BOBJ1	11.4667	Before	Interior Girder 4	11.4667	0.95	1	1	46.994182
Lane_str_opr	BOBJ1	11.4667	Before	Interior Girder 5	11.4667	0.95	1	1	47.70313
Lane_str_opr	BOBJ1	11.4667	Before	Interior Girder 6	11.4667	0.95	1	1	48.176013
Lane_str_opr	BOBJ1	11.4667	Before	Right Exterior Girder	11.4667	0.95	1	1	81.5862
Lane_str_opr	BOBJ1	11.4667	After	Left Exterior Girder	11.4667	0.95	1	1	97.347495
Lane_str_opr	BOBJ1	11.4667	After	Interior Girder 1	11.4667	0.95	1	1	64.062232
Lane_str_opr	BOBJ1	11.4667	After	Interior Girder 2	11.4667	0.95	1	1	61.796574
Lane_str_opr	BOBJ1	11.4667	After	Interior Girder 3	11.4667	0.95	1	1	62.062113
Lane_str_opr	BOBJ1	11.4667	After	Interior Girder 4	11.4667	0.95	1	1	62.062113
Lane_str_opr	BOBJ1	11.4667	After	Interior Girder 5	11.4667	0.95	1	1	61.796574
Lane_str_opr	BOBJ1	11.4667	After	Interior Girder 6	11.4667	0.95	1	1	64.062232
Lane_str_opr	BOBJ1	11.4667	After	Right Exterior Girder	11.4667	0.95	1	1	97.347495
Lane_str_opr	BOBJ1	17.0833	Before	Left Exterior Girder	17.0833	0.95	1	1	98.318547
Lane_str_opr	BOBJ1	17.0833	Before	Interior Girder 1	17.0833	0.95	1	1	64.939676
Lane_str_opr	BOBJ1	17.0833	Before	Interior Girder 2	17.0833	0.95	1	1	62.640788
Lane_str_opr	BOBJ1	17.0833	Before	Interior Girder 3	17.0833	0.95	1	1	62.910613
Lane_str_opr	BOBJ1	17.0833	Before	Interior Girder 4	17.0833	0.95	1	1	62.910613
Lane_str_opr	BOBJ1	17.0833	Before	Interior Girder 5	17.0833	0.95	1	1	62.640788
Lane_str_opr	BOBJ1	17.0833	Before	Interior Girder 6	17.0833	0.95	1	1	64.939676
Lane_str_opr	BOBJ1	17.0833	Before	Right Exterior Girder	17.0833	0.95	1	1	98.318547
Lane_str_opr	BOBJ1	17.0833	After	Left Exterior Girder	17.0833	0.95	1	1	122.708485
Lane_str_opr	BOBJ1	17.0833	After	Interior Girder 1	17.0833	0.95	1	1	86.495406
Lane_str_opr	BOBJ1	17.0833	After	Interior Girder 2	17.0833	0.95	1	1	82.747555
Lane_str_opr	BOBJ1	17.0833	After	Interior Girder 3	17.0833	0.95	1	1	83.690922
Lane_str_opr	BOBJ1	17.0833	After	Interior Girder 4	17.0833	0.95	1	1	83.690922
Lane_str_opr	BOBJ1	17.0833	After	Interior Girder 5	17.0833	0.95	1	1	82.747555
Lane_str_opr	BOBJ1	17.0833	After	Interior Girder 6	17.0833	0.95	1	1	86.495406

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Approach, Span 12-1									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Lane_str_opr	BOBJ1	17.0833	After	Right Exterior Girder	17.0833	0.95	1	1	122.708485
Lane_str_opr	BOBJ1	22.7	Before	Left Exterior Girder	22.7	0.95	1	1	123.899057
Lane_str_opr	BOBJ1	22.7	Before	Interior Girder 1	22.7	0.95	1	1	85.707391
Lane_str_opr	BOBJ1	22.7	Before	Interior Girder 2	22.7	0.95	1	1	83.857512
Lane_str_opr	BOBJ1	22.7	Before	Interior Girder 3	22.7	0.95	1	1	84.814026
Lane_str_opr	BOBJ1	22.7	Before	Interior Girder 4	22.7	0.95	1	1	84.814026
Lane_str_opr	BOBJ1	22.7	Before	Interior Girder 5	22.7	0.95	1	1	83.857512
Lane_str_opr	BOBJ1	22.7	Before	Interior Girder 6	22.7	0.95	1	1	85.707391
Lane_str_opr	BOBJ1	22.7	Before	Right Exterior Girder	22.7	0.95	1	1	123.899057
Lane_str_opr	BOBJ1	22.7	After	Left Exterior Girder	22.7	0.95	1	1	127.569683
Lane_str_opr	BOBJ1	22.7	After	Interior Girder 1	22.7	0.95	1	1	76.303377
Lane_str_opr	BOBJ1	22.7	After	Interior Girder 2	22.7	0.95	1	1	75.379725
Lane_str_opr	BOBJ1	22.7	After	Interior Girder 3	22.7	0.95	1	1	73.535784
Lane_str_opr	BOBJ1	22.7	After	Interior Girder 4	22.7	0.95	1	1	73.535784
Lane_str_opr	BOBJ1	22.7	After	Interior Girder 5	22.7	0.95	1	1	75.379725
Lane_str_opr	BOBJ1	22.7	After	Interior Girder 6	22.7	0.95	1	1	76.303377
Lane_str_opr	BOBJ1	22.7	After	Right Exterior Girder	22.7	0.95	1	1	127.569683
Lane_str_opr	BOBJ1	28.3167	Before	Left Exterior Girder	28.3167	0.95	1	1	126.324306
Lane_str_opr	BOBJ1	28.3167	Before	Interior Girder 1	28.3167	0.95	1	1	75.282344
Lane_str_opr	BOBJ1	28.3167	Before	Interior Girder 2	28.3167	0.95	1	1	74.374845
Lane_str_opr	BOBJ1	28.3167	Before	Interior Girder 3	28.3167	0.95	1	1	72.554846
Lane_str_opr	BOBJ1	28.3167	Before	Interior Girder 4	28.3167	0.95	1	1	72.554846
Lane_str_opr	BOBJ1	28.3167	Before	Interior Girder 5	28.3167	0.95	1	1	74.374845
Lane_str_opr	BOBJ1	28.3167	Before	Interior Girder 6	28.3167	0.95	1	1	75.282344
Lane_str_opr	BOBJ1	28.3167	Before	Right Exterior Girder	28.3167	0.95	1	1	126.324306
Lane_str_opr	BOBJ1	28.3167	After	Left Exterior Girder	28.3167	0.95	1	1	100.306654
Lane_str_opr	BOBJ1	28.3167	After	Interior Girder 1	28.3167	0.95	1	1	57.991503
Lane_str_opr	BOBJ1	28.3167	After	Interior Girder 2	28.3167	0.95	1	1	57.609944
Lane_str_opr	BOBJ1	28.3167	After	Interior Girder 3	28.3167	0.95	1	1	54.958982
Lane_str_opr	BOBJ1	28.3167	After	Interior Girder 4	28.3167	0.95	1	1	54.958982
Lane_str_opr	BOBJ1	28.3167	After	Interior Girder 5	28.3167	0.95	1	1	57.609945
Lane_str_opr	BOBJ1	28.3167	After	Interior Girder 6	28.3167	0.95	1	1	57.991503
Lane_str_opr	BOBJ1	28.3167	After	Right Exterior Girder	28.3167	0.95	1	1	100.306654
Lane_str_opr	BOBJ1	33.9333	Before	Left Exterior Girder	33.9333	0.95	1	1	99.299609
Lane_str_opr	BOBJ1	33.9333	Before	Interior Girder 1	33.9333	0.95	1	1	57.201429
Lane_str_opr	BOBJ1	33.9333	Before	Interior Girder 2	33.9333	0.95	1	1	56.827903
Lane_str_opr	BOBJ1	33.9333	Before	Interior Girder 3	33.9333	0.95	1	1	54.212113
Lane_str_opr	BOBJ1	33.9333	Before	Interior Girder 4	33.9333	0.95	1	1	54.212113
Lane_str_opr	BOBJ1	33.9333	Before	Interior Girder 5	33.9333	0.95	1	1	56.827903
Lane_str_opr	BOBJ1	33.9333	Before	Interior Girder 6	33.9333	0.95	1	1	57.201429
Lane_str_opr	BOBJ1	33.9333	Before	Right Exterior Girder	33.9333	0.95	1	1	99.299609
Lane_str_opr	BOBJ1	33.9333	After	Left Exterior Girder	33.9333	0.95	1	1	79.742237
Lane_str_opr	BOBJ1	33.9333	After	Interior Girder 1	33.9333	0.95	1	1	44.43342
Lane_str_opr	BOBJ1	33.9333	After	Interior Girder 2	33.9333	0.95	1	1	44.796707
Lane_str_opr	BOBJ1	33.9333	After	Interior Girder 3	33.9333	0.95	1	1	41.53728
Lane_str_opr	BOBJ1	33.9333	After	Interior Girder 4	33.9333	0.95	1	1	41.53728
Lane_str_opr	BOBJ1	33.9333	After	Interior Girder 5	33.9333	0.95	1	1	44.796707
Lane_str_opr	BOBJ1	33.9333	After	Interior Girder 6	33.9333	0.95	1	1	44.43342
Lane_str_opr	BOBJ1	33.9333	After	Right Exterior Girder	33.9333	0.95	1	1	79.742237
Lane_str_opr	BOBJ1	39.55	Before	Left Exterior Girder	39.55	0.95	1	1	78.917825
Lane_str_opr	BOBJ1	39.55	Before	Interior Girder 1	39.55	0.95	1	1	43.817226
Lane_str_opr	BOBJ1	39.55	Before	Interior Girder 2	39.55	0.95	1	1	44.17744
Lane_str_opr	BOBJ1	39.55	Before	Interior Girder 3	39.55	0.95	1	1	40.961828
Lane_str_opr	BOBJ1	39.55	Before	Interior Girder 4	39.55	0.95	1	1	40.961828
Lane_str_opr	BOBJ1	39.55	Before	Interior Girder 5	39.55	0.95	1	1	44.17744
Lane_str_opr	BOBJ1	39.55	Before	Interior Girder 6	39.55	0.95	1	1	43.817226
Lane_str_opr	BOBJ1	39.55	Before	Right Exterior Girder	39.55	0.95	1	1	78.917825
Lane_str_opr	BOBJ1	39.55	After	Left Exterior Girder	39.55	0.95	1	1	52.201349
Lane_str_opr	BOBJ1	39.55	After	Interior Girder 1	39.55	0.95	1	1	38.823238
Lane_str_opr	BOBJ1	39.55	After	Interior Girder 2	39.55	0.95	1	1	36.587118
Lane_str_opr	BOBJ1	39.55	After	Interior Girder 3	39.55	0.95	1	1	33.466171
Lane_str_opr	BOBJ1	39.55	After	Interior Girder 4	39.55	0.95	1	1	33.466171
Lane_str_opr	BOBJ1	39.55	After	Interior Girder 5	39.55	0.95	1	1	36.587118
Lane_str_opr	BOBJ1	39.55	After	Interior Girder 6	39.55	0.95	1	1	38.823238
Lane_str_opr	BOBJ1	39.55	After	Right Exterior Girder	39.55	0.95	1	1	52.201349

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Approach, Span 12-1									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Lane_str_opr	BOBJ1	45.1733	Before	Left Exterior Girder	45.1226	0.95	1	1	51.644456
Lane_str_opr	BOBJ1	45.1733	Before	Interior Girder 1	45.1226	0.95	1	1	38.273279
Lane_str_opr	BOBJ1	45.1733	Before	Interior Girder 2	45.1226	0.95	1	1	36.0727
Lane_str_opr	BOBJ1	45.1733	Before	Interior Girder 3	45.1226	0.95	1	1	32.99093
Lane_str_opr	BOBJ1	45.1733	Before	Interior Girder 4	45.1226	0.95	1	1	32.99093
Lane_str_opr	BOBJ1	45.1733	Before	Interior Girder 5	45.1226	0.95	1	1	36.0727
Lane_str_opr	BOBJ1	45.1733	Before	Interior Girder 6	45.1226	0.95	1	1	38.273279
Lane_str_opr	BOBJ1	45.1733	Before	Right Exterior Girder	45.1226	0.95	1	1	51.644456
Lane_str_opr	BOBJ1	45.1733	After	Left Exterior Girder	45.1226	0.95	1	1	36.681032
Lane_str_opr	BOBJ1	45.1733	After	Interior Girder 1	45.1226	0.95	1	1	26.155891
Lane_str_opr	BOBJ1	45.1733	After	Interior Girder 2	45.1226	0.95	1	1	25.429362
Lane_str_opr	BOBJ1	45.1733	After	Interior Girder 3	45.1226	0.95	1	1	22.712311
Lane_str_opr	BOBJ1	45.1733	After	Interior Girder 4	45.1226	0.95	1	1	22.712311
Lane_str_opr	BOBJ1	45.1733	After	Interior Girder 5	45.1226	0.95	1	1	25.429362
Lane_str_opr	BOBJ1	45.1733	After	Interior Girder 6	45.1226	0.95	1	1	26.155891
Lane_str_opr	BOBJ1	45.1733	After	Right Exterior Girder	45.1226	0.95	1	1	36.681032
Lane_str_opr	BOBJ1	49.2561	Before	Left Exterior Girder	49.2561	0.95	1	1	36.341759
Lane_str_opr	BOBJ1	49.2561	Before	Right Exterior Girder	49.2561	0.95	1	1	36.341759
Lane_str_opr	BOBJ1	49.2561	After	Left Exterior Girder	49.2561	0.95	1	1	33.615999
Lane_str_opr	BOBJ1	49.2561	After	Right Exterior Girder	49.2561	0.95	1	1	33.615999
Lane_str_opr	BOBJ1	50.7967	Before	Left Exterior Girder	50.7967	0.95	1	1	33.483609
Lane_str_opr	BOBJ1	50.7967	Before	Interior Girder 1	50.7967	0.95	1	1	21.435454
Lane_str_opr	BOBJ1	50.7967	Before	Interior Girder 2	50.7967	0.95	1	1	25.011294
Lane_str_opr	BOBJ1	50.7967	Before	Interior Girder 3	50.7967	0.95	1	1	22.333201
Lane_str_opr	BOBJ1	50.7967	Before	Interior Girder 4	50.7967	0.95	1	1	22.333201
Lane_str_opr	BOBJ1	50.7967	Before	Interior Girder 5	50.7967	0.95	1	1	25.011294
Lane_str_opr	BOBJ1	50.7967	Before	Interior Girder 6	50.7967	0.95	1	1	21.435454
Lane_str_opr	BOBJ1	50.7967	Before	Right Exterior Girder	50.7967	0.95	1	1	33.483609
Lane_str_opr	BOBJ1	50.7967	After	Left Exterior Girder	50.7967	0.95	1	1	38.437821
Lane_str_opr	BOBJ1	50.7967	After	Interior Girder 1	50.7967	0.95	1	1	17.283882
Lane_str_opr	BOBJ1	50.7967	After	Interior Girder 2	50.7967	0.95	1	1	20.446641
Lane_str_opr	BOBJ1	50.7967	After	Interior Girder 3	50.7967	0.95	1	1	17.201846
Lane_str_opr	BOBJ1	50.7967	After	Interior Girder 4	50.7967	0.95	1	1	17.201846
Lane_str_opr	BOBJ1	50.7967	After	Interior Girder 5	50.7967	0.95	1	1	20.446641
Lane_str_opr	BOBJ1	50.7967	After	Interior Girder 6	50.7967	0.95	1	1	17.283882
Lane_str_opr	BOBJ1	50.7967	After	Right Exterior Girder	50.7967	0.95	1	1	38.437821
Lane_str_opr	BOBJ1	51.3989	Before	Interior Girder 1	51.3989	0.95	1	1	17.251849
Lane_str_opr	BOBJ1	51.3989	Before	Interior Girder 2	51.3989	0.95	1	1	20.409958
Lane_str_opr	BOBJ1	51.3989	Before	Interior Girder 3	51.3989	0.95	1	1	17.170379
Lane_str_opr	BOBJ1	51.3989	Before	Interior Girder 4	51.3989	0.95	1	1	17.170379
Lane_str_opr	BOBJ1	51.3989	Before	Interior Girder 5	51.3989	0.95	1	1	20.409958
Lane_str_opr	BOBJ1	51.3989	Before	Interior Girder 6	51.3989	0.95	1	1	17.251849
Lane_str_opr	BOBJ1	51.3989	After	Interior Girder 1	51.3989	0.95	1	1	20.544196
Lane_str_opr	BOBJ1	51.3989	After	Interior Girder 2	51.3989	0.95	1	1	21.13018
Lane_str_opr	BOBJ1	51.3989	After	Interior Girder 3	51.3989	0.95	1	1	17.753601
Lane_str_opr	BOBJ1	51.3989	After	Interior Girder 4	51.3989	0.95	1	1	17.753601
Lane_str_opr	BOBJ1	51.3989	After	Interior Girder 5	51.3989	0.95	1	1	21.13018
Lane_str_opr	BOBJ1	51.3989	After	Interior Girder 6	51.3989	0.95	1	1	20.544196
Lane_str_opr	BOBJ1	56.42	Before	Left Exterior Girder	56.42	0.95	1	1	31.638355
Lane_str_opr	BOBJ1	56.42	Before	Interior Girder 1	56.42	0.95	1	1	20.218038
Lane_str_opr	BOBJ1	56.42	Before	Interior Girder 2	56.42	0.95	1	1	20.797453
Lane_str_opr	BOBJ1	56.42	Before	Interior Girder 3	56.42	0.95	1	1	17.468039
Lane_str_opr	BOBJ1	56.42	Before	Interior Girder 4	56.42	0.95	1	1	17.468039
Lane_str_opr	BOBJ1	56.42	Before	Interior Girder 5	56.42	0.95	1	1	20.797453
Lane_str_opr	BOBJ1	56.42	Before	Interior Girder 6	56.42	0.95	1	1	20.218038
Lane_str_opr	BOBJ1	56.42	Before	Right Exterior Girder	56.42	0.95	1	1	31.638355
Lane_str_opr	BOBJ1	56.42	After	Left Exterior Girder	0	0.95	1	1	29.426176
Lane_str_opr	BOBJ1	56.42	After	Interior Girder 1	0	0.95	1	1	19.864049
Lane_str_opr	BOBJ1	56.42	After	Interior Girder 2	0	0.95	1	1	20.378919
Lane_str_opr	BOBJ1	56.42	After	Interior Girder 3	0	0.95	1	1	17.495901
Lane_str_opr	BOBJ1	56.42	After	Interior Girder 4	0	0.95	1	1	17.495901
Lane_str_opr	BOBJ1	56.42	After	Interior Girder 5	0	0.95	1	1	20.378919
Lane_str_opr	BOBJ1	56.42	After	Interior Girder 6	0	0.95	1	1	19.864049
Lane_str_opr	BOBJ1	56.42	After	Right Exterior Girder	0	0.95	1	1	29.426176
Lane_str_opr	BOBJ1	62.0367	Before	Left Exterior Girder	5.6167	0.95	1	1	29.873704

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Approach, Span 12-1									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Lane_str_opr	BOBJ1	62.0367	Before	Interior Girder 1	5.6167	0.95	1	1	20.21907
Lane_str_opr	BOBJ1	62.0367	Before	Interior Girder 2	5.6167	0.95	1	1	20.740465
Lane_str_opr	BOBJ1	62.0367	Before	Interior Girder 3	5.6167	0.95	1	1	17.813109
Lane_str_opr	BOBJ1	62.0367	Before	Interior Girder 4	5.6167	0.95	1	1	17.813109
Lane_str_opr	BOBJ1	62.0367	Before	Interior Girder 5	5.6167	0.95	1	1	20.740465
Lane_str_opr	BOBJ1	62.0367	Before	Interior Girder 6	5.6167	0.95	1	1	20.21907
Lane_str_opr	BOBJ1	62.0367	Before	Right Exterior Girder	5.6167	0.95	1	1	29.873704
Lane_str_opr	BOBJ1	62.0367	After	Left Exterior Girder	5.6167	0.95	1	1	43.307931
Lane_str_opr	BOBJ1	62.0367	After	Interior Girder 1	5.6167	0.95	1	1	20.15432
Lane_str_opr	BOBJ1	62.0367	After	Interior Girder 2	5.6167	0.95	1	1	23.700721
Lane_str_opr	BOBJ1	62.0367	After	Interior Girder 3	5.6167	0.95	1	1	20.884997
Lane_str_opr	BOBJ1	62.0367	After	Interior Girder 4	5.6167	0.95	1	1	20.884997
Lane_str_opr	BOBJ1	62.0367	After	Interior Girder 5	5.6167	0.95	1	1	23.700721
Lane_str_opr	BOBJ1	62.0367	After	Interior Girder 6	5.6167	0.95	1	1	20.15432
Lane_str_opr	BOBJ1	62.0367	After	Right Exterior Girder	5.6167	0.95	1	1	43.307931
Lane_str_opr	BOBJ1	62.4203	Before	Interior Girder 1	6.0003	0.95	1	1	20.178994
Lane_str_opr	BOBJ1	62.4203	Before	Interior Girder 2	6.0003	0.95	1	1	23.728888
Lane_str_opr	BOBJ1	62.4203	Before	Interior Girder 3	6.0003	0.95	1	1	20.910309
Lane_str_opr	BOBJ1	62.4203	Before	Interior Girder 4	6.0003	0.95	1	1	20.910309
Lane_str_opr	BOBJ1	62.4203	Before	Interior Girder 5	6.0003	0.95	1	1	23.728888
Lane_str_opr	BOBJ1	62.4203	Before	Interior Girder 6	6.0003	0.95	1	1	20.178994
Lane_str_opr	BOBJ1	62.4203	After	Interior Girder 1	6.0003	0.95	1	1	20.028598
Lane_str_opr	BOBJ1	62.4203	After	Interior Girder 2	6.0003	0.95	1	1	24.379424
Lane_str_opr	BOBJ1	62.4203	After	Interior Girder 3	6.0003	0.95	1	1	21.947974
Lane_str_opr	BOBJ1	62.4203	After	Interior Girder 4	6.0003	0.95	1	1	21.947974
Lane_str_opr	BOBJ1	62.4203	After	Interior Girder 5	6.0003	0.95	1	1	24.379424
Lane_str_opr	BOBJ1	62.4203	After	Interior Girder 6	6.0003	0.95	1	1	20.028598
Lane_str_opr	BOBJ1	64.9204	Before	Left Exterior Girder	8.5004	0.95	1	1	31.575945
Lane_str_opr	BOBJ1	64.9204	Before	Right Exterior Girder	8.5004	0.95	1	1	31.575945
Lane_str_opr	BOBJ1	64.9204	After	Left Exterior Girder	8.5004	0.95	1	1	31.95377
Lane_str_opr	BOBJ1	64.9204	After	Right Exterior Girder	8.5004	0.95	1	1	31.95377
Lane_str_opr	BOBJ1	67.6533	Before	Left Exterior Girder	11.2333	0.95	1	1	32.148324
Lane_str_opr	BOBJ1	67.6533	Before	Interior Girder 1	11.2333	0.95	1	1	26.161071
Lane_str_opr	BOBJ1	67.6533	Before	Interior Girder 2	11.2333	0.95	1	1	24.754969
Lane_str_opr	BOBJ1	67.6533	Before	Interior Girder 3	11.2333	0.95	1	1	22.291462
Lane_str_opr	BOBJ1	67.6533	Before	Interior Girder 4	11.2333	0.95	1	1	22.291462
Lane_str_opr	BOBJ1	67.6533	Before	Interior Girder 5	11.2333	0.95	1	1	24.754969
Lane_str_opr	BOBJ1	67.6533	Before	Interior Girder 6	11.2333	0.95	1	1	26.161071
Lane_str_opr	BOBJ1	67.6533	Before	Right Exterior Girder	11.2333	0.95	1	1	32.148324
Lane_str_opr	BOBJ1	67.6533	After	Left Exterior Girder	11.2333	0.95	1	1	37.497576
Lane_str_opr	BOBJ1	67.6533	After	Interior Girder 1	11.2333	0.95	1	1	30.992629
Lane_str_opr	BOBJ1	67.6533	After	Interior Girder 2	11.2333	0.95	1	1	29.225858
Lane_str_opr	BOBJ1	67.6533	After	Interior Girder 3	11.2333	0.95	1	1	26.9154
Lane_str_opr	BOBJ1	67.6533	After	Interior Girder 4	11.2333	0.95	1	1	26.9154
Lane_str_opr	BOBJ1	67.6533	After	Interior Girder 5	11.2333	0.95	1	1	29.225858
Lane_str_opr	BOBJ1	67.6533	After	Interior Girder 6	11.2333	0.95	1	1	30.992629
Lane_str_opr	BOBJ1	67.6533	After	Right Exterior Girder	11.2333	0.95	1	1	37.497576
Lane_str_opr	BOBJ1	73.27	Before	Left Exterior Girder	16.85	0.95	1	1	37.952579
Lane_str_opr	BOBJ1	73.27	Before	Interior Girder 1	16.85	0.95	1	1	31.499073
Lane_str_opr	BOBJ1	73.27	Before	Interior Girder 2	16.85	0.95	1	1	29.699624
Lane_str_opr	BOBJ1	73.27	Before	Interior Girder 3	16.85	0.95	1	1	27.357197
Lane_str_opr	BOBJ1	73.27	Before	Interior Girder 4	16.85	0.95	1	1	27.357197
Lane_str_opr	BOBJ1	73.27	Before	Interior Girder 5	16.85	0.95	1	1	29.699624
Lane_str_opr	BOBJ1	73.27	Before	Interior Girder 6	16.85	0.95	1	1	31.499073
Lane_str_opr	BOBJ1	73.27	Before	Right Exterior Girder	16.85	0.95	1	1	37.952579
Lane_str_opr	BOBJ1	73.27	After	Left Exterior Girder	16.85	0.95	1	1	57.236434
Lane_str_opr	BOBJ1	73.27	After	Interior Girder 1	16.85	0.95	1	1	35.286582
Lane_str_opr	BOBJ1	73.27	After	Interior Girder 2	16.85	0.95	1	1	34.985987
Lane_str_opr	BOBJ1	73.27	After	Interior Girder 3	16.85	0.95	1	1	33.584423
Lane_str_opr	BOBJ1	73.27	After	Interior Girder 4	16.85	0.95	1	1	33.584423
Lane_str_opr	BOBJ1	73.27	After	Interior Girder 5	16.85	0.95	1	1	34.985987
Lane_str_opr	BOBJ1	73.27	After	Interior Girder 6	16.85	0.95	1	1	35.286582
Lane_str_opr	BOBJ1	73.27	After	Right Exterior Girder	16.85	0.95	1	1	57.236434
Lane_str_opr	BOBJ1	78.8867	Before	Left Exterior Girder	22.4667	0.95	1	1	57.90626
Lane_str_opr	BOBJ1	78.8867	Before	Interior Girder 1	22.4667	0.95	1	1	35.849993

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Approach, Span 12-1									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Lane_str_opr	BOBJ1	78.8867	Before	Interior Girder 2	22.4667	0.95	1	1	35.543054
Lane_str_opr	BOBJ1	78.8867	Before	Interior Girder 3	22.4667	0.95	1	1	34.120717
Lane_str_opr	BOBJ1	78.8867	Before	Interior Girder 4	22.4667	0.95	1	1	34.120717
Lane_str_opr	BOBJ1	78.8867	Before	Interior Girder 5	22.4667	0.95	1	1	35.543054
Lane_str_opr	BOBJ1	78.8867	Before	Interior Girder 6	22.4667	0.95	1	1	35.849993
Lane_str_opr	BOBJ1	78.8867	Before	Right Exterior Girder	22.4667	0.95	1	1	57.90626
Lane_str_opr	BOBJ1	78.8867	After	Left Exterior Girder	22.4667	0.95	1	1	68.248091
Lane_str_opr	BOBJ1	78.8867	After	Interior Girder 1	22.4667	0.95	1	1	45.481551
Lane_str_opr	BOBJ1	78.8867	After	Interior Girder 2	22.4667	0.95	1	1	44.107191
Lane_str_opr	BOBJ1	78.8867	After	Interior Girder 3	22.4667	0.95	1	1	43.424756
Lane_str_opr	BOBJ1	78.8867	After	Interior Girder 4	22.4667	0.95	1	1	43.424756
Lane_str_opr	BOBJ1	78.8867	After	Interior Girder 5	22.4667	0.95	1	1	44.107191
Lane_str_opr	BOBJ1	78.8867	After	Interior Girder 6	22.4667	0.95	1	1	45.481551
Lane_str_opr	BOBJ1	78.8867	After	Right Exterior Girder	22.4667	0.95	1	1	68.248091
Lane_str_opr	BOBJ1	84.5033	Before	Left Exterior Girder	28.0833	0.95	1	1	69.019746
Lane_str_opr	BOBJ1	84.5033	Before	Interior Girder 1	28.0833	0.95	1	1	46.19301
Lane_str_opr	BOBJ1	84.5033	Before	Interior Girder 2	28.0833	0.95	1	1	44.794832
Lane_str_opr	BOBJ1	84.5033	Before	Interior Girder 3	28.0833	0.95	1	1	44.102826
Lane_str_opr	BOBJ1	84.5033	Before	Interior Girder 4	28.0833	0.95	1	1	44.102826
Lane_str_opr	BOBJ1	84.5033	Before	Interior Girder 5	28.0833	0.95	1	1	44.794832
Lane_str_opr	BOBJ1	84.5033	Before	Interior Girder 6	28.0833	0.95	1	1	46.19301
Lane_str_opr	BOBJ1	84.5033	Before	Right Exterior Girder	28.0833	0.95	1	1	69.019746
Lane_str_opr	BOBJ1	84.5033	After	Left Exterior Girder	28.0833	0.95	1	1	82.716161
Lane_str_opr	BOBJ1	84.5033	After	Interior Girder 1	28.0833	0.95	1	1	58.485074
Lane_str_opr	BOBJ1	84.5033	After	Interior Girder 2	28.0833	0.95	1	1	55.949097
Lane_str_opr	BOBJ1	84.5033	After	Interior Girder 3	28.0833	0.95	1	1	55.65666
Lane_str_opr	BOBJ1	84.5033	After	Interior Girder 4	28.0833	0.95	1	1	55.65666
Lane_str_opr	BOBJ1	84.5033	After	Interior Girder 5	28.0833	0.95	1	1	55.949097
Lane_str_opr	BOBJ1	84.5033	After	Interior Girder 6	28.0833	0.95	1	1	58.485074
Lane_str_opr	BOBJ1	84.5033	After	Right Exterior Girder	28.0833	0.95	1	1	82.716161
Lane_str_opr	BOBJ1	90.12	Before	Left Exterior Girder	33.7	0.95	1	1	83.621205
Lane_str_opr	BOBJ1	90.12	Before	Interior Girder 1	33.7	0.95	1	1	59.381264
Lane_str_opr	BOBJ1	90.12	Before	Interior Girder 2	33.7	0.95	1	1	56.80328
Lane_str_opr	BOBJ1	90.12	Before	Interior Girder 3	33.7	0.95	1	1	56.507198
Lane_str_opr	BOBJ1	90.12	Before	Interior Girder 4	33.7	0.95	1	1	56.507198
Lane_str_opr	BOBJ1	90.12	Before	Interior Girder 5	33.7	0.95	1	1	56.80328
Lane_str_opr	BOBJ1	90.12	Before	Interior Girder 6	33.7	0.95	1	1	59.381264
Lane_str_opr	BOBJ1	90.12	Before	Right Exterior Girder	33.7	0.95	1	1	83.621205
Lane_str_opr	BOBJ1	90.12	After	Left Exterior Girder	33.7	0.95	1	1	84.862891
Lane_str_opr	BOBJ1	90.12	After	Interior Girder 1	33.7	0.95	1	1	58.691583
Lane_str_opr	BOBJ1	90.12	After	Interior Girder 2	33.7	0.95	1	1	56.043346
Lane_str_opr	BOBJ1	90.12	After	Interior Girder 3	33.7	0.95	1	1	55.541654
Lane_str_opr	BOBJ1	90.12	After	Interior Girder 4	33.7	0.95	1	1	55.541654
Lane_str_opr	BOBJ1	90.12	After	Interior Girder 5	33.7	0.95	1	1	56.043346
Lane_str_opr	BOBJ1	90.12	After	Interior Girder 6	33.7	0.95	1	1	58.691583
Lane_str_opr	BOBJ1	90.12	After	Right Exterior Girder	33.7	0.95	1	1	84.862891
Lane_str_opr	BOBJ1	95.7367	Before	Left Exterior Girder	39.3167	0.95	1	1	83.944586
Lane_str_opr	BOBJ1	95.7367	Before	Interior Girder 1	39.3167	0.95	1	1	57.805442
Lane_str_opr	BOBJ1	95.7367	Before	Interior Girder 2	39.3167	0.95	1	1	55.200063
Lane_str_opr	BOBJ1	95.7367	Before	Interior Girder 3	39.3167	0.95	1	1	54.704998
Lane_str_opr	BOBJ1	95.7367	Before	Interior Girder 4	39.3167	0.95	1	1	54.704998
Lane_str_opr	BOBJ1	95.7367	Before	Interior Girder 5	39.3167	0.95	1	1	55.200063
Lane_str_opr	BOBJ1	95.7367	Before	Interior Girder 6	39.3167	0.95	1	1	57.805442
Lane_str_opr	BOBJ1	95.7367	Before	Right Exterior Girder	39.3167	0.95	1	1	83.944586
Lane_str_opr	BOBJ1	95.7367	After	Left Exterior Girder	39.3167	0.95	1	1	70.170854
Lane_str_opr	BOBJ1	95.7367	After	Interior Girder 1	39.3167	0.95	1	1	45.823911
Lane_str_opr	BOBJ1	95.7367	After	Interior Girder 2	39.3167	0.95	1	1	44.36433
Lane_str_opr	BOBJ1	95.7367	After	Interior Girder 3	39.3167	0.95	1	1	43.518835
Lane_str_opr	BOBJ1	95.7367	After	Interior Girder 4	39.3167	0.95	1	1	43.518835
Lane_str_opr	BOBJ1	95.7367	After	Interior Girder 5	39.3167	0.95	1	1	44.36433
Lane_str_opr	BOBJ1	95.7367	After	Interior Girder 6	39.3167	0.95	1	1	45.823911
Lane_str_opr	BOBJ1	95.7367	After	Right Exterior Girder	39.3167	0.95	1	1	70.170854
Lane_str_opr	BOBJ1	101.3533	Before	Left Exterior Girder	44.9333	0.95	1	1	69.386486
Lane_str_opr	BOBJ1	101.3533	Before	Interior Girder 1	44.9333	0.95	1	1	45.117849
Lane_str_opr	BOBJ1	101.3533	Before	Interior Girder 2	44.9333	0.95	1	1	43.682857

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Approach, Span 12-1									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Lane_str_opr	BOBJ1	101.3533	Before	Interior Girder 3	44.9333	0.95	1	1	42.849213
Lane_str_opr	BOBJ1	101.3533	Before	Interior Girder 4	44.9333	0.95	1	1	42.849213
Lane_str_opr	BOBJ1	101.3533	Before	Interior Girder 5	44.9333	0.95	1	1	43.682857
Lane_str_opr	BOBJ1	101.3533	Before	Interior Girder 6	44.9333	0.95	1	1	45.117849
Lane_str_opr	BOBJ1	101.3533	Before	Right Exterior Girder	44.9333	0.95	1	1	69.386486
Lane_str_opr	BOBJ1	101.3533	After	Left Exterior Girder	44.9333	0.95	1	1	58.302591
Lane_str_opr	BOBJ1	101.3533	After	Interior Girder 1	44.9333	0.95	1	1	35.676599
Lane_str_opr	BOBJ1	101.3533	After	Interior Girder 2	44.9333	0.95	1	1	35.297543
Lane_str_opr	BOBJ1	101.3533	After	Interior Girder 3	44.9333	0.95	1	1	33.687757
Lane_str_opr	BOBJ1	101.3533	After	Interior Girder 4	44.9333	0.95	1	1	33.687757
Lane_str_opr	BOBJ1	101.3533	After	Interior Girder 5	44.9333	0.95	1	1	35.297543
Lane_str_opr	BOBJ1	101.3533	After	Interior Girder 6	44.9333	0.95	1	1	35.676599
Lane_str_opr	BOBJ1	101.3533	After	Right Exterior Girder	44.9333	0.95	1	1	58.302591
Lane_str_opr	BOBJ1	106.97	Before	Left Exterior Girder	50.55	0.95	1	1	57.628327
Lane_str_opr	BOBJ1	106.97	Before	Interior Girder 1	50.55	0.95	1	1	35.115689
Lane_str_opr	BOBJ1	106.97	Before	Interior Girder 2	50.55	0.95	1	1	34.743942
Lane_str_opr	BOBJ1	106.97	Before	Interior Girder 3	50.55	0.95	1	1	33.157839
Lane_str_opr	BOBJ1	106.97	Before	Interior Girder 4	50.55	0.95	1	1	33.157839
Lane_str_opr	BOBJ1	106.97	Before	Interior Girder 5	50.55	0.95	1	1	34.743942
Lane_str_opr	BOBJ1	106.97	Before	Interior Girder 6	50.55	0.95	1	1	35.115689
Lane_str_opr	BOBJ1	106.97	Before	Right Exterior Girder	50.55	0.95	1	1	57.628327
Lane_str_opr	BOBJ1	106.97	After	Left Exterior Girder	50.55	0.95	1	1	38.482561
Lane_str_opr	BOBJ1	106.97	After	Interior Girder 1	50.55	0.95	1	1	31.503006
Lane_str_opr	BOBJ1	106.97	After	Interior Girder 2	50.55	0.95	1	1	29.480773
Lane_str_opr	BOBJ1	106.97	After	Interior Girder 3	50.55	0.95	1	1	27.043498
Lane_str_opr	BOBJ1	106.97	After	Interior Girder 4	50.55	0.95	1	1	27.043498
Lane_str_opr	BOBJ1	106.97	After	Interior Girder 5	50.55	0.95	1	1	29.480773
Lane_str_opr	BOBJ1	106.97	After	Interior Girder 6	50.55	0.95	1	1	31.503006
Lane_str_opr	BOBJ1	106.97	After	Right Exterior Girder	50.55	0.95	1	1	38.482561
Lane_str_opr	BOBJ1	112.5933	Before	Left Exterior Girder	56.1733	0.95	1	1	38.020811
Lane_str_opr	BOBJ1	112.5933	Before	Interior Girder 1	56.1733	0.95	1	1	30.995707
Lane_str_opr	BOBJ1	112.5933	Before	Interior Girder 2	56.1733	0.95	1	1	29.009503
Lane_str_opr	BOBJ1	112.5933	Before	Interior Girder 3	56.1733	0.95	1	1	26.605913
Lane_str_opr	BOBJ1	112.5933	Before	Interior Girder 4	56.1733	0.95	1	1	26.605913
Lane_str_opr	BOBJ1	112.5933	Before	Interior Girder 5	56.1733	0.95	1	1	29.009503
Lane_str_opr	BOBJ1	112.5933	Before	Interior Girder 6	56.1733	0.95	1	1	30.995707
Lane_str_opr	BOBJ1	112.5933	Before	Right Exterior Girder	56.1733	0.95	1	1	38.020811
Lane_str_opr	BOBJ1	112.5933	After	Left Exterior Girder	56.1733	0.95	1	1	32.748732
Lane_str_opr	BOBJ1	112.5933	After	Interior Girder 1	56.1733	0.95	1	1	26.064311
Lane_str_opr	BOBJ1	112.5933	After	Interior Girder 2	56.1733	0.95	1	1	24.604386
Lane_str_opr	BOBJ1	112.5933	After	Interior Girder 3	56.1733	0.95	1	1	22.063152
Lane_str_opr	BOBJ1	112.5933	After	Interior Girder 4	56.1733	0.95	1	1	22.063152
Lane_str_opr	BOBJ1	112.5933	After	Interior Girder 5	56.1733	0.95	1	1	24.604386
Lane_str_opr	BOBJ1	112.5933	After	Interior Girder 6	56.1733	0.95	1	1	26.064311
Lane_str_opr	BOBJ1	112.5933	After	Right Exterior Girder	56.1733	0.95	1	1	32.748732
Lane_str_opr	BOBJ1	115.3396	Before	Left Exterior Girder	58.9196	0.95	1	1	32.549709
Lane_str_opr	BOBJ1	115.3396	Before	Right Exterior Girder	58.9196	0.95	1	1	32.549709
Lane_str_opr	BOBJ1	115.3396	After	Left Exterior Girder	58.9196	0.95	1	1	32.856267
Lane_str_opr	BOBJ1	115.3396	After	Right Exterior Girder	58.9196	0.95	1	1	32.856267
Lane_str_opr	BOBJ1	118.2167	Before	Left Exterior Girder	61.7967	0.95	1	1	32.610851
Lane_str_opr	BOBJ1	118.2167	Before	Interior Girder 1	61.9198	0.95	1	1	25.164191
Lane_str_opr	BOBJ1	118.2167	Before	Interior Girder 2	61.9198	0.95	1	1	24.202794
Lane_str_opr	BOBJ1	118.2167	Before	Interior Girder 3	61.9198	0.95	1	1	21.697443
Lane_str_opr	BOBJ1	118.2167	Before	Interior Girder 4	61.9198	0.95	1	1	21.697443
Lane_str_opr	BOBJ1	118.2167	Before	Interior Girder 5	61.9198	0.95	1	1	24.202794
Lane_str_opr	BOBJ1	118.2167	Before	Interior Girder 6	61.9198	0.95	1	1	25.164191
Lane_str_opr	BOBJ1	118.2167	Before	Right Exterior Girder	61.7967	0.95	1	1	32.610851
Lane_str_opr	BOBJ1	118.2167	After	Left Exterior Girder	61.7967	0.95	1	1	29.944139
Lane_str_opr	BOBJ1	118.2167	After	Interior Girder 1	61.9198	0.95	1	1	20.201867
Lane_str_opr	BOBJ1	118.2167	After	Interior Girder 2	61.9198	0.95	1	1	20.613835
Lane_str_opr	BOBJ1	118.2167	After	Interior Girder 3	61.9198	0.95	1	1	17.646232
Lane_str_opr	BOBJ1	118.2167	After	Interior Girder 4	61.9198	0.95	1	1	17.646232
Lane_str_opr	BOBJ1	118.2167	After	Interior Girder 5	61.9198	0.95	1	1	20.613835
Lane_str_opr	BOBJ1	118.2167	After	Interior Girder 6	61.9198	0.95	1	1	20.201867
Lane_str_opr	BOBJ1	118.2167	After	Right Exterior Girder	61.7967	0.95	1	1	29.944139

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Approach, Span 12-1									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Lane_str_opr	BOBJ1	123.84	Before	Left Exterior Girder	67.42	0.95	1	1	29.495259
Lane_str_opr	BOBJ1	123.84	Before	Interior Girder 1	67.42	0.95	1	1	19.846562
Lane_str_opr	BOBJ1	123.84	Before	Interior Girder 2	67.42	0.95	1	1	20.253653
Lane_str_opr	BOBJ1	123.84	Before	Interior Girder 3	67.42	0.95	1	1	17.331381
Lane_str_opr	BOBJ1	123.84	Before	Interior Girder 4	67.42	0.95	1	1	17.331381
Lane_str_opr	BOBJ1	123.84	Before	Interior Girder 5	67.42	0.95	1	1	20.253653
Lane_str_opr	BOBJ1	123.84	Before	Interior Girder 6	67.42	0.95	1	1	19.846562
Lane_str_opr	BOBJ1	123.84	Before	Right Exterior Girder	67.42	0.95	1	1	29.495259
Lane_str_opr	BOBJ1	123.84	After	Left Exterior Girder	0	0.95	1	1	29.191613
Lane_str_opr	BOBJ1	123.84	After	Interior Girder 1	0	0.95	1	1	20.039222
Lane_str_opr	BOBJ1	123.84	After	Interior Girder 2	0	0.95	1	1	20.283924
Lane_str_opr	BOBJ1	123.84	After	Interior Girder 3	0	0.95	1	1	17.285493
Lane_str_opr	BOBJ1	123.84	After	Interior Girder 4	0	0.95	1	1	17.285493
Lane_str_opr	BOBJ1	123.84	After	Interior Girder 5	0	0.95	1	1	20.283924
Lane_str_opr	BOBJ1	123.84	After	Interior Girder 6	0	0.95	1	1	20.039222
Lane_str_opr	BOBJ1	123.84	After	Right Exterior Girder	0	0.95	1	1	29.191613
Lane_str_opr	BOBJ1	129.34	Before	Interior Girder 1	5.5	0.95	1	1	20.390492
Lane_str_opr	BOBJ1	129.34	Before	Interior Girder 2	5.5	0.95	1	1	20.636715
Lane_str_opr	BOBJ1	129.34	Before	Interior Girder 3	5.5	0.95	1	1	17.593362
Lane_str_opr	BOBJ1	129.34	Before	Interior Girder 4	5.5	0.95	1	1	17.593362
Lane_str_opr	BOBJ1	129.34	Before	Interior Girder 5	5.5	0.95	1	1	20.636715
Lane_str_opr	BOBJ1	129.34	Before	Interior Girder 6	5.5	0.95	1	1	20.390492
Lane_str_opr	BOBJ1	129.34	After	Interior Girder 1	5.5	0.95	1	1	20.294638
Lane_str_opr	BOBJ1	129.34	After	Interior Girder 2	5.5	0.95	1	1	22.531561
Lane_str_opr	BOBJ1	129.34	After	Interior Girder 3	5.5	0.95	1	1	19.571416
Lane_str_opr	BOBJ1	129.34	After	Interior Girder 4	5.5	0.95	1	1	19.571416
Lane_str_opr	BOBJ1	129.34	After	Interior Girder 5	5.5	0.95	1	1	22.531561
Lane_str_opr	BOBJ1	129.34	After	Interior Girder 6	5.5	0.95	1	1	20.294638
Lane_str_opr	BOBJ1	130.79	Before	Left Exterior Girder	6.95	0.95	1	1	29.304912
Lane_str_opr	BOBJ1	130.79	Before	Interior Girder 1	6.95	0.95	1	1	20.383628
Lane_str_opr	BOBJ1	130.79	Before	Interior Girder 2	6.95	0.95	1	1	22.628093
Lane_str_opr	BOBJ1	130.79	Before	Interior Girder 3	6.95	0.95	1	1	19.657062
Lane_str_opr	BOBJ1	130.79	Before	Interior Girder 4	6.95	0.95	1	1	19.657062
Lane_str_opr	BOBJ1	130.79	Before	Interior Girder 5	6.95	0.95	1	1	22.628093
Lane_str_opr	BOBJ1	130.79	Before	Interior Girder 6	6.95	0.95	1	1	20.383628
Lane_str_opr	BOBJ1	130.79	Before	Right Exterior Girder	6.95	0.95	1	1	29.304912
Lane_str_opr	BOBJ1	130.79	After	Left Exterior Girder	6.95	0.95	1	1	28.939615
Lane_str_opr	BOBJ1	130.79	After	Interior Girder 1	6.95	0.95	1	1	25.878292
Lane_str_opr	BOBJ1	130.79	After	Interior Girder 2	6.95	0.95	1	1	25.784583
Lane_str_opr	BOBJ1	130.79	After	Interior Girder 3	6.95	0.95	1	1	23.102952
Lane_str_opr	BOBJ1	130.79	After	Interior Girder 4	6.95	0.95	1	1	23.102952
Lane_str_opr	BOBJ1	130.79	After	Interior Girder 5	6.95	0.95	1	1	25.784583
Lane_str_opr	BOBJ1	130.79	After	Interior Girder 6	6.95	0.95	1	1	25.878292
Lane_str_opr	BOBJ1	130.79	After	Right Exterior Girder	6.95	0.95	1	1	28.939615
Lane_str_opr	BOBJ1	132.34	Before	Left Exterior Girder	8.5	0.95	1	1	29.058483
Lane_str_opr	BOBJ1	132.34	Before	Right Exterior Girder	8.5	0.95	1	1	29.058483
Lane_str_opr	BOBJ1	132.34	After	Left Exterior Girder	8.5	0.95	1	1	33.871493
Lane_str_opr	BOBJ1	132.34	After	Right Exterior Girder	8.5	0.95	1	1	33.871493
Lane_str_opr	BOBJ1	137.74	Before	Left Exterior Girder	13.9	0.95	1	1	34.275565
Lane_str_opr	BOBJ1	137.74	Before	Interior Girder 1	13.9	0.95	1	1	27.875507
Lane_str_opr	BOBJ1	137.74	Before	Interior Girder 2	13.9	0.95	1	1	26.310553
Lane_str_opr	BOBJ1	137.74	Before	Interior Girder 3	13.9	0.95	1	1	23.581957
Lane_str_opr	BOBJ1	137.74	Before	Interior Girder 4	13.9	0.95	1	1	23.581957
Lane_str_opr	BOBJ1	137.74	Before	Interior Girder 5	13.9	0.95	1	1	26.310553
Lane_str_opr	BOBJ1	137.74	Before	Interior Girder 6	13.9	0.95	1	1	27.875507
Lane_str_opr	BOBJ1	137.74	Before	Right Exterior Girder	13.9	0.95	1	1	34.275565
Lane_str_opr	BOBJ1	137.74	After	Left Exterior Girder	13.9	0.95	1	1	49.797792
Lane_str_opr	BOBJ1	137.74	After	Interior Girder 1	13.9	0.95	1	1	31.872967
Lane_str_opr	BOBJ1	137.74	After	Interior Girder 2	13.9	0.95	1	1	31.148464
Lane_str_opr	BOBJ1	137.74	After	Interior Girder 3	13.9	0.95	1	1	29.859868
Lane_str_opr	BOBJ1	137.74	After	Interior Girder 4	13.9	0.95	1	1	29.859868
Lane_str_opr	BOBJ1	137.74	After	Interior Girder 5	13.9	0.95	1	1	31.148464
Lane_str_opr	BOBJ1	137.74	After	Interior Girder 6	13.9	0.95	1	1	31.872967
Lane_str_opr	BOBJ1	137.74	After	Right Exterior Girder	13.9	0.95	1	1	49.797792
Lane_str_opr	BOBJ1	143.7733	Before	Left Exterior Girder	19.9333	0.95	1	1	50.4357

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Approach, Span 12-1									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Lane_str_opr	BOBJ1	143.7733	Before	Interior Girder 1	19.9333	0.95	1	1	32.426754
Lane_str_opr	BOBJ1	143.7733	Before	Interior Girder 2	19.9333	0.95	1	1	31.688155
Lane_str_opr	BOBJ1	143.7733	Before	Interior Girder 3	19.9333	0.95	1	1	30.379251
Lane_str_opr	BOBJ1	143.7733	Before	Interior Girder 4	19.9333	0.95	1	1	30.379251
Lane_str_opr	BOBJ1	143.7733	Before	Interior Girder 5	19.9333	0.95	1	1	31.688155
Lane_str_opr	BOBJ1	143.7733	Before	Interior Girder 6	19.9333	0.95	1	1	32.426754
Lane_str_opr	BOBJ1	143.7733	Before	Right Exterior Girder	19.9333	0.95	1	1	50.4357
Lane_str_opr	BOBJ1	143.7733	After	Left Exterior Girder	19.9333	0.95	1	1	59.798206
Lane_str_opr	BOBJ1	143.7733	After	Interior Girder 1	19.9333	0.95	1	1	41.459977
Lane_str_opr	BOBJ1	143.7733	After	Interior Girder 2	19.9333	0.95	1	1	39.438912
Lane_str_opr	BOBJ1	143.7733	After	Interior Girder 3	19.9333	0.95	1	1	38.601136
Lane_str_opr	BOBJ1	143.7733	After	Interior Girder 4	19.9333	0.95	1	1	38.601136
Lane_str_opr	BOBJ1	143.7733	After	Interior Girder 5	19.9333	0.95	1	1	39.438912
Lane_str_opr	BOBJ1	143.7733	After	Interior Girder 6	19.9333	0.95	1	1	41.459977
Lane_str_opr	BOBJ1	143.7733	After	Right Exterior Girder	19.9333	0.95	1	1	59.798206
Lane_str_opr	BOBJ1	149.8067	Before	Left Exterior Girder	25.9667	0.95	1	1	60.53581
Lane_str_opr	BOBJ1	149.8067	Before	Interior Girder 1	25.9667	0.95	1	1	42.164582
Lane_str_opr	BOBJ1	149.8067	Before	Interior Girder 2	25.9667	0.95	1	1	40.10683
Lane_str_opr	BOBJ1	149.8067	Before	Interior Girder 3	25.9667	0.95	1	1	39.25631
Lane_str_opr	BOBJ1	149.8067	Before	Interior Girder 4	25.9667	0.95	1	1	39.25631
Lane_str_opr	BOBJ1	149.8067	Before	Interior Girder 5	25.9667	0.95	1	1	40.10683
Lane_str_opr	BOBJ1	149.8067	Before	Interior Girder 6	25.9667	0.95	1	1	42.164582
Lane_str_opr	BOBJ1	149.8067	Before	Right Exterior Girder	25.9667	0.95	1	1	60.53581
Lane_str_opr	BOBJ1	149.8067	After	Left Exterior Girder	25.9667	0.95	1	1	72.705026
Lane_str_opr	BOBJ1	149.8067	After	Interior Girder 1	25.9667	0.95	1	1	53.731851
Lane_str_opr	BOBJ1	149.8067	After	Interior Girder 2	25.9667	0.95	1	1	50.350607
Lane_str_opr	BOBJ1	149.8067	After	Interior Girder 3	25.9667	0.95	1	1	49.758718
Lane_str_opr	BOBJ1	149.8067	After	Interior Girder 4	25.9667	0.95	1	1	49.758718
Lane_str_opr	BOBJ1	149.8067	After	Interior Girder 5	25.9667	0.95	1	1	50.350607
Lane_str_opr	BOBJ1	149.8067	After	Interior Girder 6	25.9667	0.95	1	1	53.731851
Lane_str_opr	BOBJ1	149.8067	After	Right Exterior Girder	25.9667	0.95	1	1	72.705026
Lane_str_opr	BOBJ1	155.84	Before	Left Exterior Girder	32	0.95	1	1	73.570302
Lane_str_opr	BOBJ1	155.84	Before	Interior Girder 1	32	0.95	1	1	54.624855
Lane_str_opr	BOBJ1	155.84	Before	Interior Girder 2	32	0.95	1	1	51.184171
Lane_str_opr	BOBJ1	155.84	Before	Interior Girder 3	32	0.95	1	1	50.583694
Lane_str_opr	BOBJ1	155.84	Before	Interior Girder 4	32	0.95	1	1	50.583694
Lane_str_opr	BOBJ1	155.84	Before	Interior Girder 5	32	0.95	1	1	51.184171
Lane_str_opr	BOBJ1	155.84	Before	Interior Girder 6	32	0.95	1	1	54.624855
Lane_str_opr	BOBJ1	155.84	Before	Right Exterior Girder	32	0.95	1	1	73.570302
Lane_str_opr	BOBJ1	155.84	After	Left Exterior Girder	32	0.95	1	1	94.330013
Lane_str_opr	BOBJ1	155.84	After	Interior Girder 1	32	0.95	1	1	59.418148
Lane_str_opr	BOBJ1	155.84	After	Interior Girder 2	32	0.95	1	1	60.963349
Lane_str_opr	BOBJ1	155.84	After	Interior Girder 3	32	0.95	1	1	57.946802
Lane_str_opr	BOBJ1	155.84	After	Interior Girder 4	32	0.95	1	1	57.946802
Lane_str_opr	BOBJ1	155.84	After	Interior Girder 5	32	0.95	1	1	60.963349
Lane_str_opr	BOBJ1	155.84	After	Interior Girder 6	32	0.95	1	1	59.418148
Lane_str_opr	BOBJ1	155.84	After	Right Exterior Girder	32	0.95	1	1	94.330013
Lane_str_opr	BOBJ1	161.8733	Before	Left Exterior Girder	38.0333	0.95	1	1	93.244782
Lane_str_opr	BOBJ1	161.8733	Before	Interior Girder 1	38.0333	0.95	1	1	60.377199
Lane_str_opr	BOBJ1	161.8733	Before	Interior Girder 2	38.0333	0.95	1	1	61.282083
Lane_str_opr	BOBJ1	161.8733	Before	Interior Girder 3	38.0333	0.95	1	1	58.884859
Lane_str_opr	BOBJ1	161.8733	Before	Interior Girder 4	38.0333	0.95	1	1	58.884859
Lane_str_opr	BOBJ1	161.8733	Before	Interior Girder 5	38.0333	0.95	1	1	61.282083
Lane_str_opr	BOBJ1	161.8733	Before	Interior Girder 6	38.0333	0.95	1	1	60.377199
Lane_str_opr	BOBJ1	161.8733	Before	Right Exterior Girder	38.0333	0.95	1	1	93.244782
Lane_str_opr	BOBJ1	161.8733	After	Left Exterior Girder	38.0333	0.95	1	1	76.243712
Lane_str_opr	BOBJ1	161.8733	After	Interior Girder 1	38.0333	0.95	1	1	48.603837
Lane_str_opr	BOBJ1	161.8733	After	Interior Girder 2	38.0333	0.95	1	1	47.755277
Lane_str_opr	BOBJ1	161.8733	After	Interior Girder 3	38.0333	0.95	1	1	47.151817
Lane_str_opr	BOBJ1	161.8733	After	Interior Girder 4	38.0333	0.95	1	1	47.151817
Lane_str_opr	BOBJ1	161.8733	After	Interior Girder 5	38.0333	0.95	1	1	47.755277
Lane_str_opr	BOBJ1	161.8733	After	Interior Girder 6	38.0333	0.95	1	1	48.603837
Lane_str_opr	BOBJ1	161.8733	After	Right Exterior Girder	38.0333	0.95	1	1	76.243712
Lane_str_opr	BOBJ1	167.9067	Before	Left Exterior Girder	44.0667	0.95	1	1	75.335779
Lane_str_opr	BOBJ1	167.9067	Before	Interior Girder 1	44.0667	0.95	1	1	47.804317

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Approach, Span 12-1									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Lane_str_opr	BOBJ1	167.9067	Before	Interior Girder 2	44.0667	0.95	1	1	46.972179
Lane_str_opr	BOBJ1	167.9067	Before	Interior Girder 3	44.0667	0.95	1	1	46.377765
Lane_str_opr	BOBJ1	167.9067	Before	Interior Girder 4	44.0667	0.95	1	1	46.377765
Lane_str_opr	BOBJ1	167.9067	Before	Interior Girder 5	44.0667	0.95	1	1	46.972179
Lane_str_opr	BOBJ1	167.9067	Before	Interior Girder 6	44.0667	0.95	1	1	47.804317
Lane_str_opr	BOBJ1	167.9067	Before	Right Exterior Girder	44.0667	0.95	1	1	75.335779
Lane_str_opr	BOBJ1	167.9067	After	Left Exterior Girder	44.0667	0.95	1	1	62.143148
Lane_str_opr	BOBJ1	167.9067	After	Interior Girder 1	44.0667	0.95	1	1	36.897632
Lane_str_opr	BOBJ1	167.9067	After	Interior Girder 2	44.0667	0.95	1	1	36.99029
Lane_str_opr	BOBJ1	167.9067	After	Interior Girder 3	44.0667	0.95	1	1	35.282408
Lane_str_opr	BOBJ1	167.9067	After	Interior Girder 4	44.0667	0.95	1	1	35.282408
Lane_str_opr	BOBJ1	167.9067	After	Interior Girder 5	44.0667	0.95	1	1	36.99029
Lane_str_opr	BOBJ1	167.9067	After	Interior Girder 6	44.0667	0.95	1	1	36.897632
Lane_str_opr	BOBJ1	167.9067	After	Right Exterior Girder	44.0667	0.95	1	1	62.143148
Lane_str_opr	BOBJ1	173.94	Before	Left Exterior Girder	50.1	0.95	1	1	61.375837
Lane_str_opr	BOBJ1	173.94	Before	Interior Girder 1	50.1	0.95	1	1	36.277399
Lane_str_opr	BOBJ1	173.94	Before	Interior Girder 2	50.1	0.95	1	1	36.370048
Lane_str_opr	BOBJ1	173.94	Before	Interior Girder 3	50.1	0.95	1	1	34.689441
Lane_str_opr	BOBJ1	173.94	Before	Interior Girder 4	50.1	0.95	1	1	34.689441
Lane_str_opr	BOBJ1	173.94	Before	Interior Girder 5	50.1	0.95	1	1	36.370048
Lane_str_opr	BOBJ1	173.94	Before	Interior Girder 6	50.1	0.95	1	1	36.277399
Lane_str_opr	BOBJ1	173.94	Before	Right Exterior Girder	50.1	0.95	1	1	61.375837
Lane_str_opr	BOBJ1	173.94	After	Left Exterior Girder	50.1	0.95	1	1	38.469024
Lane_str_opr	BOBJ1	173.94	After	Interior Girder 1	50.1	0.95	1	1	32.357568
Lane_str_opr	BOBJ1	173.94	After	Interior Girder 2	50.1	0.95	1	1	30.38048
Lane_str_opr	BOBJ1	173.94	After	Interior Girder 3	50.1	0.95	1	1	28.162478
Lane_str_opr	BOBJ1	173.94	After	Interior Girder 4	50.1	0.95	1	1	28.162478
Lane_str_opr	BOBJ1	173.94	After	Interior Girder 5	50.1	0.95	1	1	30.38048
Lane_str_opr	BOBJ1	173.94	After	Interior Girder 6	50.1	0.95	1	1	32.357568
Lane_str_opr	BOBJ1	173.94	After	Right Exterior Girder	50.1	0.95	1	1	38.469024
Lane_str_opr	BOBJ1	179.98	Before	Left Exterior Girder	56.14	0.95	1	1	37.975144
Lane_str_opr	BOBJ1	179.98	Before	Interior Girder 1	56.14	0.95	1	1	31.799572
Lane_str_opr	BOBJ1	179.98	Before	Interior Girder 2	56.14	0.95	1	1	29.860504
Lane_str_opr	BOBJ1	179.98	Before	Interior Girder 3	56.14	0.95	1	1	27.674958
Lane_str_opr	BOBJ1	179.98	Before	Interior Girder 4	56.14	0.95	1	1	27.674958
Lane_str_opr	BOBJ1	179.98	Before	Interior Girder 5	56.14	0.95	1	1	29.860504
Lane_str_opr	BOBJ1	179.98	Before	Interior Girder 6	56.14	0.95	1	1	31.799572
Lane_str_opr	BOBJ1	179.98	Before	Right Exterior Girder	56.14	0.95	1	1	37.975144
Lane_str_opr	BOBJ1	179.98	After	Left Exterior Girder	56.14	0.95	1	1	32.993367
Lane_str_opr	BOBJ1	179.98	After	Interior Girder 1	56.14	0.95	1	1	25.968625
Lane_str_opr	BOBJ1	179.98	After	Interior Girder 2	56.14	0.95	1	1	24.924192
Lane_str_opr	BOBJ1	179.98	After	Interior Girder 3	56.14	0.95	1	1	22.572162
Lane_str_opr	BOBJ1	179.98	After	Interior Girder 4	56.14	0.95	1	1	22.572162
Lane_str_opr	BOBJ1	179.98	After	Interior Girder 5	56.14	0.95	1	1	24.924192
Lane_str_opr	BOBJ1	179.98	After	Interior Girder 6	56.14	0.95	1	1	25.968625
Lane_str_opr	BOBJ1	179.98	After	Right Exterior Girder	56.14	0.95	1	1	32.993367
Lane_str_opr	BOBJ1	183.56	Before	Left Exterior Girder	59.72	0.95	1	1	32.732733
Lane_str_opr	BOBJ1	183.56	Before	Right Exterior Girder	59.72	0.95	1	1	32.732733
Lane_str_opr	BOBJ1	183.56	After	Left Exterior Girder	59.72	0.95	1	1	31.677223
Lane_str_opr	BOBJ1	183.56	After	Right Exterior Girder	59.72	0.95	1	1	31.677223
Lane_str_opr	BOBJ1	186.02	Before	Left Exterior Girder	62.18	0.95	1	1	31.470541
Lane_str_opr	BOBJ1	186.02	Before	Interior Girder 1	62.22	0.95	1	1	25.746194
Lane_str_opr	BOBJ1	186.02	Before	Interior Girder 2	62.22	0.95	1	1	24.487961
Lane_str_opr	BOBJ1	186.02	Before	Interior Girder 3	62.22	0.95	1	1	22.171214
Lane_str_opr	BOBJ1	186.02	Before	Interior Girder 4	62.22	0.95	1	1	22.171214
Lane_str_opr	BOBJ1	186.02	Before	Interior Girder 5	62.22	0.95	1	1	24.487961
Lane_str_opr	BOBJ1	186.02	Before	Interior Girder 6	62.22	0.95	1	1	25.746194
Lane_str_opr	BOBJ1	186.02	Before	Right Exterior Girder	62.18	0.95	1	1	31.470541
Lane_str_opr	BOBJ1	186.02	After	Left Exterior Girder	62.18	0.95	1	1	29.650169
Lane_str_opr	BOBJ1	186.02	After	Interior Girder 1	62.22	0.95	1	1	20.134056
Lane_str_opr	BOBJ1	186.02	After	Interior Girder 2	62.22	0.95	1	1	20.584455
Lane_str_opr	BOBJ1	186.02	After	Interior Girder 3	62.22	0.95	1	1	17.74822
Lane_str_opr	BOBJ1	186.02	After	Interior Girder 4	62.22	0.95	1	1	17.74822
Lane_str_opr	BOBJ1	186.02	After	Interior Girder 5	62.22	0.95	1	1	20.584455
Lane_str_opr	BOBJ1	186.02	After	Interior Girder 6	62.22	0.95	1	1	20.134056

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Approach, Span 12-1									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Lane_str_opr	BOBJ1	186.02	After	Right Exterior Girder	62.18	0.95	1	1	29.650169
Lane_str_opr	BOBJ1	192.06	Before	Left Exterior Girder	68.22	0.95	1	1	29.163792
Lane_str_opr	BOBJ1	192.06	Before	Interior Girder 1	68.22	0.95	1	1	19.750222
Lane_str_opr	BOBJ1	192.06	Before	Interior Girder 2	68.22	0.95	1	1	20.194575
Lane_str_opr	BOBJ1	192.06	Before	Interior Girder 3	68.22	0.95	1	1	17.405024
Lane_str_opr	BOBJ1	192.06	Before	Interior Girder 4	68.22	0.95	1	1	17.405024
Lane_str_opr	BOBJ1	192.06	Before	Interior Girder 5	68.22	0.95	1	1	20.194575
Lane_str_opr	BOBJ1	192.06	Before	Interior Girder 6	68.22	0.95	1	1	19.750222
Lane_str_opr	BOBJ1	192.06	Before	Right Exterior Girder	68.22	0.95	1	1	29.163792
Lane_str_opr	BOBJ1	192.06	After	Left Exterior Girder	0	0.95	1	1	29.610204
Lane_str_opr	BOBJ1	192.06	After	Interior Girder 1	0	0.95	1	1	20.620591
Lane_str_opr	BOBJ1	192.06	After	Interior Girder 2	0	0.95	1	1	21.149922
Lane_str_opr	BOBJ1	192.06	After	Interior Girder 3	0	0.95	1	1	16.880082
Lane_str_opr	BOBJ1	192.06	After	Interior Girder 4	0	0.95	1	1	16.880082
Lane_str_opr	BOBJ1	192.06	After	Interior Girder 5	0	0.95	1	1	21.149922
Lane_str_opr	BOBJ1	192.06	After	Interior Girder 6	0	0.95	1	1	20.620591
Lane_str_opr	BOBJ1	192.06	After	Right Exterior Girder	0	0.95	1	1	29.610204
Lane_str_opr	BOBJ1	197.087	Before	Interior Girder 1	5.027	0.95	1	1	20.956591
Lane_str_opr	BOBJ1	197.087	Before	Interior Girder 2	5.027	0.95	1	1	21.490703
Lane_str_opr	BOBJ1	197.087	Before	Interior Girder 3	5.027	0.95	1	1	17.161715
Lane_str_opr	BOBJ1	197.087	Before	Interior Girder 4	5.027	0.95	1	1	17.161715
Lane_str_opr	BOBJ1	197.087	Before	Interior Girder 5	5.027	0.95	1	1	21.490703
Lane_str_opr	BOBJ1	197.087	Before	Interior Girder 6	5.027	0.95	1	1	20.956591
Lane_str_opr	BOBJ1	197.087	After	Interior Girder 1	5.027	0.95	1	1	21.441559
Lane_str_opr	BOBJ1	197.087	After	Interior Girder 2	5.027	0.95	1	1	24.744568
Lane_str_opr	BOBJ1	197.087	After	Interior Girder 3	5.027	0.95	1	1	20.136166
Lane_str_opr	BOBJ1	197.087	After	Interior Girder 4	5.027	0.95	1	1	20.136166
Lane_str_opr	BOBJ1	197.087	After	Interior Girder 5	5.027	0.95	1	1	24.744568
Lane_str_opr	BOBJ1	197.087	After	Interior Girder 6	5.027	0.95	1	1	21.441559
Lane_str_opr	BOBJ1	197.91	Before	Left Exterior Girder	5.85	0.95	1	1	33.1953
Lane_str_opr	BOBJ1	197.91	Before	Interior Girder 1	5.85	0.95	1	1	21.495755
Lane_str_opr	BOBJ1	197.91	Before	Interior Girder 2	5.85	0.95	1	1	24.805138
Lane_str_opr	BOBJ1	197.91	Before	Interior Girder 3	5.85	0.95	1	1	20.187035
Lane_str_opr	BOBJ1	197.91	Before	Interior Girder 4	5.85	0.95	1	1	20.187035
Lane_str_opr	BOBJ1	197.91	Before	Interior Girder 5	5.85	0.95	1	1	24.805138
Lane_str_opr	BOBJ1	197.91	Before	Interior Girder 6	5.85	0.95	1	1	21.495755
Lane_str_opr	BOBJ1	197.91	Before	Right Exterior Girder	5.85	0.95	1	1	33.1953
Lane_str_opr	BOBJ1	197.91	After	Left Exterior Girder	5.85	0.95	1	1	33.614435
Lane_str_opr	BOBJ1	197.91	After	Interior Girder 1	5.85	0.95	1	1	21.362248
Lane_str_opr	BOBJ1	197.91	After	Interior Girder 2	5.85	0.95	1	1	24.165724
Lane_str_opr	BOBJ1	197.91	After	Interior Girder 3	5.85	0.95	1	1	21.655292
Lane_str_opr	BOBJ1	197.91	After	Interior Girder 4	5.85	0.95	1	1	21.655292
Lane_str_opr	BOBJ1	197.91	After	Interior Girder 5	5.85	0.95	1	1	24.165724
Lane_str_opr	BOBJ1	197.91	After	Interior Girder 6	5.85	0.95	1	1	21.362248
Lane_str_opr	BOBJ1	197.91	After	Right Exterior Girder	5.85	0.95	1	1	33.614435
Lane_str_opr	BOBJ1	199.1816	Before	Left Exterior Girder	7.1216	0.95	1	1	33.731538
Lane_str_opr	BOBJ1	199.1816	Before	Right Exterior Girder	7.1216	0.95	1	1	33.731538
Lane_str_opr	BOBJ1	199.1816	After	Left Exterior Girder	7.1216	0.95	1	1	37.809244
Lane_str_opr	BOBJ1	199.1816	After	Right Exterior Girder	7.1216	0.95	1	1	37.809244
Lane_str_opr	BOBJ1	203.5267	Before	Left Exterior Girder	11.3107	0.95	1	1	38.198578
Lane_str_opr	BOBJ1	203.5267	Before	Interior Girder 1	11.3107	0.95	1	1	24.789176
Lane_str_opr	BOBJ1	203.5267	Before	Interior Girder 2	11.3107	0.95	1	1	24.570591
Lane_str_opr	BOBJ1	203.5267	Before	Interior Girder 3	11.3107	0.95	1	1	22.022386
Lane_str_opr	BOBJ1	203.5267	Before	Interior Girder 4	11.3107	0.95	1	1	22.022386
Lane_str_opr	BOBJ1	203.5267	Before	Interior Girder 5	11.3107	0.95	1	1	24.570591
Lane_str_opr	BOBJ1	203.5267	Before	Interior Girder 6	11.3107	0.95	1	1	24.789176
Lane_str_opr	BOBJ1	203.5267	Before	Right Exterior Girder	11.3107	0.95	1	1	38.198578
Lane_str_opr	BOBJ1	203.5267	After	Left Exterior Girder	11.3107	0.95	1	1	52.389006
Lane_str_opr	BOBJ1	203.5267	After	Interior Girder 1	11.3107	0.95	1	1	36.276962
Lane_str_opr	BOBJ1	203.5267	After	Interior Girder 2	11.3107	0.95	1	1	34.623306
Lane_str_opr	BOBJ1	203.5267	After	Interior Girder 3	11.3107	0.95	1	1	32.425262
Lane_str_opr	BOBJ1	203.5267	After	Interior Girder 4	11.3107	0.95	1	1	32.425262
Lane_str_opr	BOBJ1	203.5267	After	Interior Girder 5	11.3107	0.95	1	1	34.623306
Lane_str_opr	BOBJ1	203.5267	After	Interior Girder 6	11.3107	0.95	1	1	36.276962
Lane_str_opr	BOBJ1	203.5267	After	Right Exterior Girder	11.3107	0.95	1	1	52.389006

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Approach, Span 12-1									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Lane_str_opr	BOBJ1	209.1433	Before	Left Exterior Girder	17.0833	0.95	1	1	53.000652
Lane_str_opr	BOBJ1	209.1433	Before	Interior Girder 1	17.0833	0.95	1	1	36.83306
Lane_str_opr	BOBJ1	209.1433	Before	Interior Girder 2	17.0833	0.95	1	1	35.150983
Lane_str_opr	BOBJ1	209.1433	Before	Interior Girder 3	17.0833	0.95	1	1	32.922991
Lane_str_opr	BOBJ1	209.1433	Before	Interior Girder 4	17.0833	0.95	1	1	32.922991
Lane_str_opr	BOBJ1	209.1433	Before	Interior Girder 5	17.0833	0.95	1	1	35.150983
Lane_str_opr	BOBJ1	209.1433	Before	Interior Girder 6	17.0833	0.95	1	1	36.83306
Lane_str_opr	BOBJ1	209.1433	Before	Right Exterior Girder	17.0833	0.95	1	1	53.000652
Lane_str_opr	BOBJ1	209.1433	After	Left Exterior Girder	17.0833	0.95	1	1	63.304088
Lane_str_opr	BOBJ1	209.1433	After	Interior Girder 1	17.0833	0.95	1	1	45.59618
Lane_str_opr	BOBJ1	209.1433	After	Interior Girder 2	17.0833	0.95	1	1	42.529667
Lane_str_opr	BOBJ1	209.1433	After	Interior Girder 3	17.0833	0.95	1	1	40.38945
Lane_str_opr	BOBJ1	209.1433	After	Interior Girder 4	17.0833	0.95	1	1	40.38945
Lane_str_opr	BOBJ1	209.1433	After	Interior Girder 5	17.0833	0.95	1	1	42.529667
Lane_str_opr	BOBJ1	209.1433	After	Interior Girder 6	17.0833	0.95	1	1	45.59618
Lane_str_opr	BOBJ1	209.1433	After	Right Exterior Girder	17.0833	0.95	1	1	63.304088
Lane_str_opr	BOBJ1	214.76	Before	Left Exterior Girder	22.7	0.95	1	1	64.019891
Lane_str_opr	BOBJ1	214.76	Before	Interior Girder 1	22.7	0.95	1	1	46.281737
Lane_str_opr	BOBJ1	214.76	Before	Interior Girder 2	22.7	0.95	1	1	43.165212
Lane_str_opr	BOBJ1	214.76	Before	Interior Girder 3	22.7	0.95	1	1	40.996367
Lane_str_opr	BOBJ1	214.76	Before	Interior Girder 4	22.7	0.95	1	1	40.996367
Lane_str_opr	BOBJ1	214.76	Before	Interior Girder 5	22.7	0.95	1	1	43.165212
Lane_str_opr	BOBJ1	214.76	Before	Interior Girder 6	22.7	0.95	1	1	46.281737
Lane_str_opr	BOBJ1	214.76	Before	Right Exterior Girder	22.7	0.95	1	1	64.019891
Lane_str_opr	BOBJ1	214.76	After	Left Exterior Girder	22.7	0.95	1	1	105.983663
Lane_str_opr	BOBJ1	214.76	After	Interior Girder 1	22.7	0.95	1	1	52.519388
Lane_str_opr	BOBJ1	214.76	After	Interior Girder 2	22.7	0.95	1	1	53.585607
Lane_str_opr	BOBJ1	214.76	After	Interior Girder 3	22.7	0.95	1	1	49.562915
Lane_str_opr	BOBJ1	214.76	After	Interior Girder 4	22.7	0.95	1	1	49.562915
Lane_str_opr	BOBJ1	214.76	After	Interior Girder 5	22.7	0.95	1	1	53.585607
Lane_str_opr	BOBJ1	214.76	After	Interior Girder 6	22.7	0.95	1	1	52.519388
Lane_str_opr	BOBJ1	214.76	After	Right Exterior Girder	22.7	0.95	1	1	105.983663
Lane_str_opr	BOBJ1	220.3767	Before	Left Exterior Girder	28.3167	0.95	1	1	107.147984
Lane_str_opr	BOBJ1	220.3767	Before	Interior Girder 1	28.3167	0.95	1	1	53.290806
Lane_str_opr	BOBJ1	220.3767	Before	Interior Girder 2	28.3167	0.95	1	1	54.371985
Lane_str_opr	BOBJ1	220.3767	Before	Interior Girder 3	28.3167	0.95	1	1	50.290839
Lane_str_opr	BOBJ1	220.3767	Before	Interior Girder 4	28.3167	0.95	1	1	50.290839
Lane_str_opr	BOBJ1	220.3767	Before	Interior Girder 5	28.3167	0.95	1	1	54.371985
Lane_str_opr	BOBJ1	220.3767	Before	Interior Girder 6	28.3167	0.95	1	1	53.290806
Lane_str_opr	BOBJ1	220.3767	Before	Right Exterior Girder	28.3167	0.95	1	1	107.147984
Lane_str_opr	BOBJ1	220.3767	After	Left Exterior Girder	28.3167	0.95	1	1	135.081612
Lane_str_opr	BOBJ1	220.3767	After	Interior Girder 1	28.3167	0.95	1	1	69.939325
Lane_str_opr	BOBJ1	220.3767	After	Interior Girder 2	28.3167	0.95	1	1	71.964052
Lane_str_opr	BOBJ1	220.3767	After	Interior Girder 3	28.3167	0.95	1	1	67.175148
Lane_str_opr	BOBJ1	220.3767	After	Interior Girder 4	28.3167	0.95	1	1	67.175148
Lane_str_opr	BOBJ1	220.3767	After	Interior Girder 5	28.3167	0.95	1	1	71.964052
Lane_str_opr	BOBJ1	220.3767	After	Interior Girder 6	28.3167	0.95	1	1	69.939325
Lane_str_opr	BOBJ1	220.3767	After	Right Exterior Girder	28.3167	0.95	1	1	135.081612
Lane_str_opr	BOBJ1	225.9933	Before	Left Exterior Girder	33.9333	0.95	1	1	136.521956
Lane_str_opr	BOBJ1	225.9933	Before	Interior Girder 1	33.9333	0.95	1	1	70.947342
Lane_str_opr	BOBJ1	225.9933	Before	Interior Girder 2	33.9333	0.95	1	1	72.999999
Lane_str_opr	BOBJ1	225.9933	Before	Interior Girder 3	33.9333	0.95	1	1	68.142213
Lane_str_opr	BOBJ1	225.9933	Before	Interior Girder 4	33.9333	0.95	1	1	68.142213
Lane_str_opr	BOBJ1	225.9933	Before	Interior Girder 5	33.9333	0.95	1	1	72.999999
Lane_str_opr	BOBJ1	225.9933	Before	Interior Girder 6	33.9333	0.95	1	1	70.947342
Lane_str_opr	BOBJ1	225.9933	Before	Right Exterior Girder	33.9333	0.95	1	1	136.521956
Lane_str_opr	BOBJ1	225.9933	After	Left Exterior Girder	33.9333	0.95	1	1	168.979792
Lane_str_opr	BOBJ1	225.9933	After	Interior Girder 1	33.9333	0.95	1	1	74.178114
Lane_str_opr	BOBJ1	225.9933	After	Interior Girder 2	33.9333	0.95	1	1	76.100749
Lane_str_opr	BOBJ1	225.9933	After	Interior Girder 3	33.9333	0.95	1	1	70.893567
Lane_str_opr	BOBJ1	225.9933	After	Interior Girder 4	33.9333	0.95	1	1	70.893567
Lane_str_opr	BOBJ1	225.9933	After	Interior Girder 5	33.9333	0.95	1	1	76.100749
Lane_str_opr	BOBJ1	225.9933	After	Interior Girder 6	33.9333	0.95	1	1	74.178114
Lane_str_opr	BOBJ1	225.9933	After	Right Exterior Girder	33.9333	0.95	1	1	168.979792
Lane_str_opr	BOBJ1	231.61	Before	Left Exterior Girder	39.55	0.95	1	1	170.730431

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Approach, Span 12-1									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Lane_str_opr	BOBJ1	231.61	Before	Interior Girder 1	39.55	0.95	1	1	73.133706
Lane_str_opr	BOBJ1	231.61	Before	Interior Girder 2	39.55	0.95	1	1	75.027834
Lane_str_opr	BOBJ1	231.61	Before	Interior Girder 3	39.55	0.95	1	1	69.893586
Lane_str_opr	BOBJ1	231.61	Before	Interior Girder 4	39.55	0.95	1	1	69.893586
Lane_str_opr	BOBJ1	231.61	Before	Interior Girder 5	39.55	0.95	1	1	75.027834
Lane_str_opr	BOBJ1	231.61	Before	Interior Girder 6	39.55	0.95	1	1	73.133706
Lane_str_opr	BOBJ1	231.61	Before	Right Exterior Girder	39.55	0.95	1	1	170.730431
Lane_str_opr	BOBJ1	231.61	After	Left Exterior Girder	39.55	0.95	1	1	84.805009
Lane_str_opr	BOBJ1	231.61	After	Interior Girder 1	39.55	0.95	1	1	63.666502
Lane_str_opr	BOBJ1	231.61	After	Interior Girder 2	39.55	0.95	1	1	59.40223
Lane_str_opr	BOBJ1	231.61	After	Interior Girder 3	39.55	0.95	1	1	59.489975
Lane_str_opr	BOBJ1	231.61	After	Interior Girder 4	39.55	0.95	1	1	59.489975
Lane_str_opr	BOBJ1	231.61	After	Interior Girder 5	39.55	0.95	1	1	59.40223
Lane_str_opr	BOBJ1	231.61	After	Interior Girder 6	39.55	0.95	1	1	63.666502
Lane_str_opr	BOBJ1	231.61	After	Right Exterior Girder	39.55	0.95	1	1	84.805009
Lane_str_opr	BOBJ1	237.37	Before	Left Exterior Girder	45.31	0.95	1	1	83.874366
Lane_str_opr	BOBJ1	237.37	Before	Interior Girder 1	45.31	0.95	1	1	62.724663
Lane_str_opr	BOBJ1	237.37	Before	Interior Girder 2	45.31	0.95	1	1	58.527654
Lane_str_opr	BOBJ1	237.37	Before	Interior Girder 3	45.31	0.95	1	1	58.611271
Lane_str_opr	BOBJ1	237.37	Before	Interior Girder 4	45.31	0.95	1	1	58.611271
Lane_str_opr	BOBJ1	237.37	Before	Interior Girder 5	45.31	0.95	1	1	58.527654
Lane_str_opr	BOBJ1	237.37	Before	Interior Girder 6	45.31	0.95	1	1	62.724663
Lane_str_opr	BOBJ1	237.37	Before	Right Exterior Girder	45.31	0.95	1	1	83.874366
Lane_str_opr	BOBJ1	237.37	After	Left Exterior Girder	45.31	0.95	1	1	69.996458
Lane_str_opr	BOBJ1	237.37	After	Interior Girder 1	45.31	0.95	1	1	47.91471
Lane_str_opr	BOBJ1	237.37	After	Interior Girder 2	45.31	0.95	1	1	45.863459
Lane_str_opr	BOBJ1	237.37	After	Interior Girder 3	45.31	0.95	1	1	45.210615
Lane_str_opr	BOBJ1	237.37	After	Interior Girder 4	45.31	0.95	1	1	45.210615
Lane_str_opr	BOBJ1	237.37	After	Interior Girder 5	45.31	0.95	1	1	45.863459
Lane_str_opr	BOBJ1	237.37	After	Interior Girder 6	45.31	0.95	1	1	47.91471
Lane_str_opr	BOBJ1	237.37	After	Right Exterior Girder	45.31	0.95	1	1	69.996458
Lane_str_opr	BOBJ1	243.13	Before	Left Exterior Girder	51.07	0.95	1	1	69.204703
Lane_str_opr	BOBJ1	243.13	Before	Interior Girder 1	51.07	0.95	1	1	47.191667
Lane_str_opr	BOBJ1	243.13	Before	Interior Girder 2	51.07	0.95	1	1	45.174781
Lane_str_opr	BOBJ1	243.13	Before	Interior Girder 3	51.07	0.95	1	1	44.528976
Lane_str_opr	BOBJ1	243.13	Before	Interior Girder 4	51.07	0.95	1	1	44.528976
Lane_str_opr	BOBJ1	243.13	Before	Interior Girder 5	51.07	0.95	1	1	45.174781
Lane_str_opr	BOBJ1	243.13	Before	Interior Girder 6	51.07	0.95	1	1	47.191667
Lane_str_opr	BOBJ1	243.13	Before	Right Exterior Girder	51.07	0.95	1	1	69.204703
Lane_str_opr	BOBJ1	243.13	After	Left Exterior Girder	51.07	0.95	1	1	60.153394
Lane_str_opr	BOBJ1	243.13	After	Interior Girder 1	51.07	0.95	1	1	35.352891
Lane_str_opr	BOBJ1	243.13	After	Interior Girder 2	51.07	0.95	1	1	35.637506
Lane_str_opr	BOBJ1	243.13	After	Interior Girder 3	51.07	0.95	1	1	33.710663
Lane_str_opr	BOBJ1	243.13	After	Interior Girder 4	51.07	0.95	1	1	33.710663
Lane_str_opr	BOBJ1	243.13	After	Interior Girder 5	51.07	0.95	1	1	35.637506
Lane_str_opr	BOBJ1	243.13	After	Interior Girder 6	51.07	0.95	1	1	35.352891
Lane_str_opr	BOBJ1	243.13	After	Right Exterior Girder	51.07	0.95	1	1	60.153394
Lane_str_opr	BOBJ1	248.89	Before	Left Exterior Girder	56.83	0.95	1	1	59.450101
Lane_str_opr	BOBJ1	248.89	Before	Interior Girder 1	56.83	0.95	1	1	34.809794
Lane_str_opr	BOBJ1	248.89	Before	Interior Girder 2	56.83	0.95	1	1	35.091305
Lane_str_opr	BOBJ1	248.89	Before	Interior Girder 3	56.83	0.95	1	1	33.19152
Lane_str_opr	BOBJ1	248.89	Before	Interior Girder 4	56.83	0.95	1	1	33.19152
Lane_str_opr	BOBJ1	248.89	Before	Interior Girder 5	56.83	0.95	1	1	35.091305
Lane_str_opr	BOBJ1	248.89	Before	Interior Girder 6	56.83	0.95	1	1	34.809794
Lane_str_opr	BOBJ1	248.89	Before	Right Exterior Girder	56.83	0.95	1	1	59.450101
Lane_str_inv	BOBJ1	0	After	Left Exterior Girder	0	0.95	1	1	44.469772
Lane_str_inv	BOBJ1	0	After	Interior Girder 1	0	0.95	1	1	29.685527
Lane_str_inv	BOBJ1	0	After	Interior Girder 2	0	0.95	1	1	29.134243
Lane_str_inv	BOBJ1	0	After	Interior Girder 3	0	0.95	1	1	27.684248
Lane_str_inv	BOBJ1	0	After	Interior Girder 4	0	0.95	1	1	27.684248
Lane_str_inv	BOBJ1	0	After	Interior Girder 5	0	0.95	1	1	29.134243
Lane_str_inv	BOBJ1	0	After	Interior Girder 6	0	0.95	1	1	29.685527
Lane_str_inv	BOBJ1	0	After	Right Exterior Girder	0	0.95	1	1	44.469772
Lane_str_inv	BOBJ1	5.85	Before	Left Exterior Girder	5.85	0.95	1	1	44.960364
Lane_str_inv	BOBJ1	5.85	Before	Interior Girder 1	5.85	0.95	1	1	30.126049

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Approach, Span 12-1									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Lane_str_inv	BOBJ1	5.85	Before	Interior Girder 2	5.85	0.95	1	1	29.563843
Lane_str_inv	BOBJ1	5.85	Before	Interior Girder 3	5.85	0.95	1	1	28.095437
Lane_str_inv	BOBJ1	5.85	Before	Interior Girder 4	5.85	0.95	1	1	28.095437
Lane_str_inv	BOBJ1	5.85	Before	Interior Girder 5	5.85	0.95	1	1	29.563843
Lane_str_inv	BOBJ1	5.85	Before	Interior Girder 6	5.85	0.95	1	1	30.126049
Lane_str_inv	BOBJ1	5.85	Before	Right Exterior Girder	5.85	0.95	1	1	44.960364
Lane_str_inv	BOBJ1	5.85	After	Left Exterior Girder	5.85	0.95	1	1	62.298229
Lane_str_inv	BOBJ1	5.85	After	Interior Girder 1	5.85	0.95	1	1	36.653166
Lane_str_inv	BOBJ1	5.85	After	Interior Girder 2	5.85	0.95	1	1	36.294513
Lane_str_inv	BOBJ1	5.85	After	Interior Girder 3	5.85	0.95	1	1	35.75436
Lane_str_inv	BOBJ1	5.85	After	Interior Girder 4	5.85	0.95	1	1	35.75436
Lane_str_inv	BOBJ1	5.85	After	Interior Girder 5	5.85	0.95	1	1	36.294513
Lane_str_inv	BOBJ1	5.85	After	Interior Girder 6	5.85	0.95	1	1	36.653166
Lane_str_inv	BOBJ1	5.85	After	Right Exterior Girder	5.85	0.95	1	1	62.298229
Lane_str_inv	BOBJ1	11.4667	Before	Left Exterior Girder	11.4667	0.95	1	1	62.937926
Lane_str_inv	BOBJ1	11.4667	Before	Interior Girder 1	11.4667	0.95	1	1	37.164353
Lane_str_inv	BOBJ1	11.4667	Before	Interior Girder 2	11.4667	0.95	1	1	36.799557
Lane_str_inv	BOBJ1	11.4667	Before	Interior Girder 3	11.4667	0.95	1	1	36.252655
Lane_str_inv	BOBJ1	11.4667	Before	Interior Girder 4	11.4667	0.95	1	1	36.252655
Lane_str_inv	BOBJ1	11.4667	Before	Interior Girder 5	11.4667	0.95	1	1	36.799557
Lane_str_inv	BOBJ1	11.4667	Before	Interior Girder 6	11.4667	0.95	1	1	37.164353
Lane_str_inv	BOBJ1	11.4667	Before	Right Exterior Girder	11.4667	0.95	1	1	62.937926
Lane_str_inv	BOBJ1	11.4667	After	Left Exterior Girder	11.4667	0.95	1	1	75.096639
Lane_str_inv	BOBJ1	11.4667	After	Interior Girder 1	11.4667	0.95	1	1	49.419436
Lane_str_inv	BOBJ1	11.4667	After	Interior Girder 2	11.4667	0.95	1	1	47.671643
Lane_str_inv	BOBJ1	11.4667	After	Interior Girder 3	11.4667	0.95	1	1	47.876487
Lane_str_inv	BOBJ1	11.4667	After	Interior Girder 4	11.4667	0.95	1	1	47.876487
Lane_str_inv	BOBJ1	11.4667	After	Interior Girder 5	11.4667	0.95	1	1	47.671643
Lane_str_inv	BOBJ1	11.4667	After	Interior Girder 6	11.4667	0.95	1	1	49.419436
Lane_str_inv	BOBJ1	11.4667	After	Right Exterior Girder	11.4667	0.95	1	1	75.096639
Lane_str_inv	BOBJ1	17.0833	Before	Left Exterior Girder	17.0833	0.95	1	1	75.845736
Lane_str_inv	BOBJ1	17.0833	Before	Interior Girder 1	17.0833	0.95	1	1	50.096321
Lane_str_inv	BOBJ1	17.0833	Before	Interior Girder 2	17.0833	0.95	1	1	48.322894
Lane_str_inv	BOBJ1	17.0833	Before	Interior Girder 3	17.0833	0.95	1	1	48.531044
Lane_str_inv	BOBJ1	17.0833	Before	Interior Girder 4	17.0833	0.95	1	1	48.531044
Lane_str_inv	BOBJ1	17.0833	Before	Interior Girder 5	17.0833	0.95	1	1	48.322894
Lane_str_inv	BOBJ1	17.0833	Before	Interior Girder 6	17.0833	0.95	1	1	50.096321
Lane_str_inv	BOBJ1	17.0833	Before	Right Exterior Girder	17.0833	0.95	1	1	75.845736
Lane_str_inv	BOBJ1	17.0833	After	Left Exterior Girder	17.0833	0.95	1	1	94.660832
Lane_str_inv	BOBJ1	17.0833	After	Interior Girder 1	17.0833	0.95	1	1	66.725028
Lane_str_inv	BOBJ1	17.0833	After	Interior Girder 2	17.0833	0.95	1	1	63.833828
Lane_str_inv	BOBJ1	17.0833	After	Interior Girder 3	17.0833	0.95	1	1	64.561568
Lane_str_inv	BOBJ1	17.0833	After	Interior Girder 4	17.0833	0.95	1	1	64.561568
Lane_str_inv	BOBJ1	17.0833	After	Interior Girder 5	17.0833	0.95	1	1	63.833828
Lane_str_inv	BOBJ1	17.0833	After	Interior Girder 6	17.0833	0.95	1	1	66.725028
Lane_str_inv	BOBJ1	17.0833	After	Right Exterior Girder	17.0833	0.95	1	1	94.660832
Lane_str_inv	BOBJ1	22.7	Before	Left Exterior Girder	22.7	0.95	1	1	95.579272
Lane_str_inv	BOBJ1	22.7	Before	Interior Girder 1	22.7	0.95	1	1	66.11713
Lane_str_inv	BOBJ1	22.7	Before	Interior Girder 2	22.7	0.95	1	1	64.690081
Lane_str_inv	BOBJ1	22.7	Before	Interior Girder 3	22.7	0.95	1	1	65.427963
Lane_str_inv	BOBJ1	22.7	Before	Interior Girder 4	22.7	0.95	1	1	65.427963
Lane_str_inv	BOBJ1	22.7	Before	Interior Girder 5	22.7	0.95	1	1	64.690081
Lane_str_inv	BOBJ1	22.7	Before	Interior Girder 6	22.7	0.95	1	1	66.11713
Lane_str_inv	BOBJ1	22.7	Before	Right Exterior Girder	22.7	0.95	1	1	95.579272
Lane_str_inv	BOBJ1	22.7	After	Left Exterior Girder	22.7	0.95	1	1	98.410898
Lane_str_inv	BOBJ1	22.7	After	Interior Girder 1	22.7	0.95	1	1	58.862605
Lane_str_inv	BOBJ1	22.7	After	Interior Girder 2	22.7	0.95	1	1	58.150074
Lane_str_inv	BOBJ1	22.7	After	Interior Girder 3	22.7	0.95	1	1	56.727605
Lane_str_inv	BOBJ1	22.7	After	Interior Girder 4	22.7	0.95	1	1	56.727605
Lane_str_inv	BOBJ1	22.7	After	Interior Girder 5	22.7	0.95	1	1	58.150074
Lane_str_inv	BOBJ1	22.7	After	Interior Girder 6	22.7	0.95	1	1	58.862605
Lane_str_inv	BOBJ1	22.7	After	Right Exterior Girder	22.7	0.95	1	1	98.410898
Lane_str_inv	BOBJ1	28.3167	Before	Left Exterior Girder	28.3167	0.95	1	1	97.450179
Lane_str_inv	BOBJ1	28.3167	Before	Interior Girder 1	28.3167	0.95	1	1	58.074951
Lane_str_inv	BOBJ1	28.3167	Before	Interior Girder 2	28.3167	0.95	1	1	57.374881

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Approach, Span 12-1									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Lane_str_inv	BOBJ1	28.3167	Before	Interior Girder 3	28.3167	0.95	1	1	55.970881
Lane_str_inv	BOBJ1	28.3167	Before	Interior Girder 4	28.3167	0.95	1	1	55.970881
Lane_str_inv	BOBJ1	28.3167	Before	Interior Girder 5	28.3167	0.95	1	1	57.374881
Lane_str_inv	BOBJ1	28.3167	Before	Interior Girder 6	28.3167	0.95	1	1	58.074951
Lane_str_inv	BOBJ1	28.3167	Before	Right Exterior Girder	28.3167	0.95	1	1	97.450179
Lane_str_inv	BOBJ1	28.3167	After	Left Exterior Girder	28.3167	0.95	1	1	77.379419
Lane_str_inv	BOBJ1	28.3167	After	Interior Girder 1	28.3167	0.95	1	1	44.736302
Lane_str_inv	BOBJ1	28.3167	After	Interior Girder 2	28.3167	0.95	1	1	44.441957
Lane_str_inv	BOBJ1	28.3167	After	Interior Girder 3	28.3167	0.95	1	1	42.396929
Lane_str_inv	BOBJ1	28.3167	After	Interior Girder 4	28.3167	0.95	1	1	42.396929
Lane_str_inv	BOBJ1	28.3167	After	Interior Girder 5	28.3167	0.95	1	1	44.441957
Lane_str_inv	BOBJ1	28.3167	After	Interior Girder 6	28.3167	0.95	1	1	44.736302
Lane_str_inv	BOBJ1	28.3167	After	Right Exterior Girder	28.3167	0.95	1	1	77.379419
Lane_str_inv	BOBJ1	33.9333	Before	Left Exterior Girder	33.9333	0.95	1	1	76.602555
Lane_str_inv	BOBJ1	33.9333	Before	Interior Girder 1	33.9333	0.95	1	1	44.126817
Lane_str_inv	BOBJ1	33.9333	Before	Interior Girder 2	33.9333	0.95	1	1	43.838668
Lane_str_inv	BOBJ1	33.9333	Before	Interior Girder 3	33.9333	0.95	1	1	41.820773
Lane_str_inv	BOBJ1	33.9333	Before	Interior Girder 4	33.9333	0.95	1	1	41.820773
Lane_str_inv	BOBJ1	33.9333	Before	Interior Girder 5	33.9333	0.95	1	1	43.838668
Lane_str_inv	BOBJ1	33.9333	Before	Interior Girder 6	33.9333	0.95	1	1	44.126817
Lane_str_inv	BOBJ1	33.9333	Before	Right Exterior Girder	33.9333	0.95	1	1	76.602555
Lane_str_inv	BOBJ1	33.9333	After	Left Exterior Girder	33.9333	0.95	1	1	61.51544
Lane_str_inv	BOBJ1	33.9333	After	Interior Girder 1	33.9333	0.95	1	1	34.27721
Lane_str_inv	BOBJ1	33.9333	After	Interior Girder 2	33.9333	0.95	1	1	34.557459
Lane_str_inv	BOBJ1	33.9333	After	Interior Girder 3	33.9333	0.95	1	1	32.043044
Lane_str_inv	BOBJ1	33.9333	After	Interior Girder 4	33.9333	0.95	1	1	32.043044
Lane_str_inv	BOBJ1	33.9333	After	Interior Girder 5	33.9333	0.95	1	1	34.557459
Lane_str_inv	BOBJ1	33.9333	After	Interior Girder 6	33.9333	0.95	1	1	34.27721
Lane_str_inv	BOBJ1	33.9333	After	Right Exterior Girder	33.9333	0.95	1	1	61.51544
Lane_str_inv	BOBJ1	39.55	Before	Left Exterior Girder	39.55	0.95	1	1	60.879465
Lane_str_inv	BOBJ1	39.55	Before	Interior Girder 1	39.55	0.95	1	1	33.80186
Lane_str_inv	BOBJ1	39.55	Before	Interior Girder 2	39.55	0.95	1	1	34.079739
Lane_str_inv	BOBJ1	39.55	Before	Interior Girder 3	39.55	0.95	1	1	31.599124
Lane_str_inv	BOBJ1	39.55	Before	Interior Girder 4	39.55	0.95	1	1	31.599124
Lane_str_inv	BOBJ1	39.55	Before	Interior Girder 5	39.55	0.95	1	1	34.079739
Lane_str_inv	BOBJ1	39.55	Before	Interior Girder 6	39.55	0.95	1	1	33.80186
Lane_str_inv	BOBJ1	39.55	Before	Right Exterior Girder	39.55	0.95	1	1	60.879465
Lane_str_inv	BOBJ1	39.55	After	Left Exterior Girder	39.55	0.95	1	1	40.269612
Lane_str_inv	BOBJ1	39.55	After	Interior Girder 1	39.55	0.95	1	1	29.949355
Lane_str_inv	BOBJ1	39.55	After	Interior Girder 2	39.55	0.95	1	1	28.224348
Lane_str_inv	BOBJ1	39.55	After	Interior Girder 3	39.55	0.95	1	1	25.81676
Lane_str_inv	BOBJ1	39.55	After	Interior Girder 4	39.55	0.95	1	1	25.81676
Lane_str_inv	BOBJ1	39.55	After	Interior Girder 5	39.55	0.95	1	1	28.224349
Lane_str_inv	BOBJ1	39.55	After	Interior Girder 6	39.55	0.95	1	1	29.949355
Lane_str_inv	BOBJ1	39.55	After	Right Exterior Girder	39.55	0.95	1	1	40.269612
Lane_str_inv	BOBJ1	45.1733	Before	Left Exterior Girder	45.1226	0.95	1	1	39.840009
Lane_str_inv	BOBJ1	45.1733	Before	Interior Girder 1	45.1226	0.95	1	1	29.525101
Lane_str_inv	BOBJ1	45.1733	Before	Interior Girder 2	45.1226	0.95	1	1	27.827512
Lane_str_inv	BOBJ1	45.1733	Before	Interior Girder 3	45.1226	0.95	1	1	25.450146
Lane_str_inv	BOBJ1	45.1733	Before	Interior Girder 4	45.1226	0.95	1	1	25.450146
Lane_str_inv	BOBJ1	45.1733	Before	Interior Girder 5	45.1226	0.95	1	1	27.827512
Lane_str_inv	BOBJ1	45.1733	Before	Interior Girder 6	45.1226	0.95	1	1	29.525101
Lane_str_inv	BOBJ1	45.1733	Before	Right Exterior Girder	45.1226	0.95	1	1	39.840009
Lane_str_inv	BOBJ1	45.1733	After	Left Exterior Girder	45.1226	0.95	1	1	28.296796
Lane_str_inv	BOBJ1	45.1733	After	Interior Girder 1	45.1226	0.95	1	1	20.177402
Lane_str_inv	BOBJ1	45.1733	After	Interior Girder 2	45.1226	0.95	1	1	19.616937
Lane_str_inv	BOBJ1	45.1733	After	Interior Girder 3	45.1226	0.95	1	1	17.520926
Lane_str_inv	BOBJ1	45.1733	After	Interior Girder 4	45.1226	0.95	1	1	17.520926
Lane_str_inv	BOBJ1	45.1733	After	Interior Girder 5	45.1226	0.95	1	1	19.616937
Lane_str_inv	BOBJ1	45.1733	After	Interior Girder 6	45.1226	0.95	1	1	20.177402
Lane_str_inv	BOBJ1	45.1733	After	Right Exterior Girder	45.1226	0.95	1	1	28.296796
Lane_str_inv	BOBJ1	49.2561	Before	Left Exterior Girder	49.2561	0.95	1	1	28.035071
Lane_str_inv	BOBJ1	49.2561	Before	Right Exterior Girder	49.2561	0.95	1	1	28.035071
Lane_str_inv	BOBJ1	49.2561	After	Left Exterior Girder	49.2561	0.95	1	1	25.932342
Lane_str_inv	BOBJ1	49.2561	After	Right Exterior Girder	49.2561	0.95	1	1	25.932342

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Approach, Span 12-1									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Lane_str_inv	BOBJ1	50.7967	Before	Left Exterior Girder	50.7967	0.95	1	1	25.830212
Lane_str_inv	BOBJ1	50.7967	Before	Interior Girder 1	50.7967	0.95	1	1	16.535922
Lane_str_inv	BOBJ1	50.7967	Before	Interior Girder 2	50.7967	0.95	1	1	19.294427
Lane_str_inv	BOBJ1	50.7967	Before	Interior Girder 3	50.7967	0.95	1	1	17.228469
Lane_str_inv	BOBJ1	50.7967	Before	Interior Girder 4	50.7967	0.95	1	1	17.228469
Lane_str_inv	BOBJ1	50.7967	Before	Interior Girder 5	50.7967	0.95	1	1	19.294427
Lane_str_inv	BOBJ1	50.7967	Before	Interior Girder 6	50.7967	0.95	1	1	16.535922
Lane_str_inv	BOBJ1	50.7967	Before	Right Exterior Girder	50.7967	0.95	1	1	25.830212
Lane_str_inv	BOBJ1	50.7967	After	Left Exterior Girder	50.7967	0.95	1	1	29.652033
Lane_str_inv	BOBJ1	50.7967	After	Interior Girder 1	50.7967	0.95	1	1	13.333281
Lane_str_inv	BOBJ1	50.7967	After	Interior Girder 2	50.7967	0.95	1	1	15.773123
Lane_str_inv	BOBJ1	50.7967	After	Interior Girder 3	50.7967	0.95	1	1	13.269996
Lane_str_inv	BOBJ1	50.7967	After	Interior Girder 4	50.7967	0.95	1	1	13.269996
Lane_str_inv	BOBJ1	50.7967	After	Interior Girder 5	50.7967	0.95	1	1	15.773123
Lane_str_inv	BOBJ1	50.7967	After	Interior Girder 6	50.7967	0.95	1	1	13.333281
Lane_str_inv	BOBJ1	50.7967	After	Right Exterior Girder	50.7967	0.95	1	1	29.652033
Lane_str_inv	BOBJ1	51.3989	Before	Interior Girder 1	51.3989	0.95	1	1	13.308569
Lane_str_inv	BOBJ1	51.3989	Before	Interior Girder 2	51.3989	0.95	1	1	15.744825
Lane_str_inv	BOBJ1	51.3989	Before	Interior Girder 3	51.3989	0.95	1	1	13.245721
Lane_str_inv	BOBJ1	51.3989	Before	Interior Girder 4	51.3989	0.95	1	1	13.245721
Lane_str_inv	BOBJ1	51.3989	Before	Interior Girder 5	51.3989	0.95	1	1	15.744825
Lane_str_inv	BOBJ1	51.3989	Before	Interior Girder 6	51.3989	0.95	1	1	13.308569
Lane_str_inv	BOBJ1	51.3989	After	Interior Girder 1	51.3989	0.95	1	1	15.848379
Lane_str_inv	BOBJ1	51.3989	After	Interior Girder 2	51.3989	0.95	1	1	16.300425
Lane_str_inv	BOBJ1	51.3989	After	Interior Girder 3	51.3989	0.95	1	1	13.695635
Lane_str_inv	BOBJ1	51.3989	After	Interior Girder 4	51.3989	0.95	1	1	13.695635
Lane_str_inv	BOBJ1	51.3989	After	Interior Girder 5	51.3989	0.95	1	1	16.300425
Lane_str_inv	BOBJ1	51.3989	After	Interior Girder 6	51.3989	0.95	1	1	15.848379
Lane_str_inv	BOBJ1	56.42	Before	Left Exterior Girder	56.42	0.95	1	1	24.406731
Lane_str_inv	BOBJ1	56.42	Before	Interior Girder 1	56.42	0.95	1	1	15.596772
Lane_str_inv	BOBJ1	56.42	Before	Interior Girder 2	56.42	0.95	1	1	16.04375
Lane_str_inv	BOBJ1	56.42	Before	Interior Girder 3	56.42	0.95	1	1	13.475345
Lane_str_inv	BOBJ1	56.42	Before	Interior Girder 4	56.42	0.95	1	1	13.475345
Lane_str_inv	BOBJ1	56.42	Before	Interior Girder 5	56.42	0.95	1	1	16.04375
Lane_str_inv	BOBJ1	56.42	Before	Interior Girder 6	56.42	0.95	1	1	15.596772
Lane_str_inv	BOBJ1	56.42	Before	Right Exterior Girder	56.42	0.95	1	1	24.406731
Lane_str_inv	BOBJ1	56.42	After	Left Exterior Girder	0	0.95	1	1	22.700193
Lane_str_inv	BOBJ1	56.42	After	Interior Girder 1	0	0.95	1	1	15.323695
Lane_str_inv	BOBJ1	56.42	After	Interior Girder 2	0	0.95	1	1	15.72088
Lane_str_inv	BOBJ1	56.42	After	Interior Girder 3	0	0.95	1	1	13.496838
Lane_str_inv	BOBJ1	56.42	After	Interior Girder 4	0	0.95	1	1	13.496838
Lane_str_inv	BOBJ1	56.42	After	Interior Girder 5	0	0.95	1	1	15.72088
Lane_str_inv	BOBJ1	56.42	After	Interior Girder 6	0	0.95	1	1	15.323695
Lane_str_inv	BOBJ1	56.42	After	Right Exterior Girder	0	0.95	1	1	22.700193
Lane_str_inv	BOBJ1	62.0367	Before	Left Exterior Girder	5.6167	0.95	1	1	23.045429
Lane_str_inv	BOBJ1	62.0367	Before	Interior Girder 1	5.6167	0.95	1	1	15.597569
Lane_str_inv	BOBJ1	62.0367	Before	Interior Girder 2	5.6167	0.95	1	1	15.999787
Lane_str_inv	BOBJ1	62.0367	Before	Interior Girder 3	5.6167	0.95	1	1	13.741541
Lane_str_inv	BOBJ1	62.0367	Before	Interior Girder 4	5.6167	0.95	1	1	13.741541
Lane_str_inv	BOBJ1	62.0367	Before	Interior Girder 5	5.6167	0.95	1	1	15.999787
Lane_str_inv	BOBJ1	62.0367	Before	Interior Girder 6	5.6167	0.95	1	1	15.597569
Lane_str_inv	BOBJ1	62.0367	Before	Right Exterior Girder	5.6167	0.95	1	1	23.045429
Lane_str_inv	BOBJ1	62.0367	After	Left Exterior Girder	5.6167	0.95	1	1	33.408975
Lane_str_inv	BOBJ1	62.0367	After	Interior Girder 1	5.6167	0.95	1	1	15.547619
Lane_str_inv	BOBJ1	62.0367	After	Interior Girder 2	5.6167	0.95	1	1	18.283413
Lane_str_inv	BOBJ1	62.0367	After	Interior Girder 3	5.6167	0.95	1	1	16.111283
Lane_str_inv	BOBJ1	62.0367	After	Interior Girder 4	5.6167	0.95	1	1	16.111283
Lane_str_inv	BOBJ1	62.0367	After	Interior Girder 5	5.6167	0.95	1	1	18.283413
Lane_str_inv	BOBJ1	62.0367	After	Interior Girder 6	5.6167	0.95	1	1	15.547619
Lane_str_inv	BOBJ1	62.0367	After	Right Exterior Girder	5.6167	0.95	1	1	33.408975
Lane_str_inv	BOBJ1	62.4203	Before	Interior Girder 1	6.0003	0.95	1	1	15.566653
Lane_str_inv	BOBJ1	62.4203	Before	Interior Girder 2	6.0003	0.95	1	1	18.305142
Lane_str_inv	BOBJ1	62.4203	Before	Interior Girder 3	6.0003	0.95	1	1	16.13081
Lane_str_inv	BOBJ1	62.4203	Before	Interior Girder 4	6.0003	0.95	1	1	16.13081
Lane_str_inv	BOBJ1	62.4203	Before	Interior Girder 5	6.0003	0.95	1	1	18.305142

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Approach, Span 12-1									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Lane_str_inv	BOBJ1	62.4203	Before	Interior Girder 6	6.0003	0.95	1	1	15.566653
Lane_str_inv	BOBJ1	62.4203	After	Interior Girder 1	6.0003	0.95	1	1	15.450632
Lane_str_inv	BOBJ1	62.4203	After	Interior Girder 2	6.0003	0.95	1	1	18.806985
Lane_str_inv	BOBJ1	62.4203	After	Interior Girder 3	6.0003	0.95	1	1	16.931295
Lane_str_inv	BOBJ1	62.4203	After	Interior Girder 4	6.0003	0.95	1	1	16.931295
Lane_str_inv	BOBJ1	62.4203	After	Interior Girder 5	6.0003	0.95	1	1	18.806985
Lane_str_inv	BOBJ1	62.4203	After	Interior Girder 6	6.0003	0.95	1	1	15.450632
Lane_str_inv	BOBJ1	64.9204	Before	Left Exterior Girder	8.5004	0.95	1	1	24.358586
Lane_str_inv	BOBJ1	64.9204	Before	Right Exterior Girder	8.5004	0.95	1	1	24.358586
Lane_str_inv	BOBJ1	64.9204	After	Left Exterior Girder	8.5004	0.95	1	1	24.650051
Lane_str_inv	BOBJ1	64.9204	After	Right Exterior Girder	8.5004	0.95	1	1	24.650051
Lane_str_inv	BOBJ1	67.6533	Before	Left Exterior Girder	11.2333	0.95	1	1	24.800135
Lane_str_inv	BOBJ1	67.6533	Before	Interior Girder 1	11.2333	0.95	1	1	20.181397
Lane_str_inv	BOBJ1	67.6533	Before	Interior Girder 2	11.2333	0.95	1	1	19.096691
Lane_str_inv	BOBJ1	67.6533	Before	Interior Girder 3	11.2333	0.95	1	1	17.196271
Lane_str_inv	BOBJ1	67.6533	Before	Interior Girder 4	11.2333	0.95	1	1	17.196271
Lane_str_inv	BOBJ1	67.6533	Before	Interior Girder 5	11.2333	0.95	1	1	19.096691
Lane_str_inv	BOBJ1	67.6533	Before	Interior Girder 6	11.2333	0.95	1	1	20.181397
Lane_str_inv	BOBJ1	67.6533	Before	Right Exterior Girder	11.2333	0.95	1	1	24.800135
Lane_str_inv	BOBJ1	67.6533	After	Left Exterior Girder	11.2333	0.95	1	1	28.926701
Lane_str_inv	BOBJ1	67.6533	After	Interior Girder 1	11.2333	0.95	1	1	23.9086
Lane_str_inv	BOBJ1	67.6533	After	Interior Girder 2	11.2333	0.95	1	1	22.545662
Lane_str_inv	BOBJ1	67.6533	After	Interior Girder 3	11.2333	0.95	1	1	20.763309
Lane_str_inv	BOBJ1	67.6533	After	Interior Girder 4	11.2333	0.95	1	1	20.763309
Lane_str_inv	BOBJ1	67.6533	After	Interior Girder 5	11.2333	0.95	1	1	22.545662
Lane_str_inv	BOBJ1	67.6533	After	Interior Girder 6	11.2333	0.95	1	1	23.9086
Lane_str_inv	BOBJ1	67.6533	After	Right Exterior Girder	11.2333	0.95	1	1	28.926701
Lane_str_inv	BOBJ1	73.27	Before	Left Exterior Girder	16.85	0.95	1	1	29.277704
Lane_str_inv	BOBJ1	73.27	Before	Interior Girder 1	16.85	0.95	1	1	24.299285
Lane_str_inv	BOBJ1	73.27	Before	Interior Girder 2	16.85	0.95	1	1	22.911138
Lane_str_inv	BOBJ1	73.27	Before	Interior Girder 3	16.85	0.95	1	1	21.104123
Lane_str_inv	BOBJ1	73.27	Before	Interior Girder 4	16.85	0.95	1	1	21.104123
Lane_str_inv	BOBJ1	73.27	Before	Interior Girder 5	16.85	0.95	1	1	22.911138
Lane_str_inv	BOBJ1	73.27	Before	Interior Girder 6	16.85	0.95	1	1	24.299285
Lane_str_inv	BOBJ1	73.27	Before	Right Exterior Girder	16.85	0.95	1	1	29.277704
Lane_str_inv	BOBJ1	73.27	After	Left Exterior Girder	16.85	0.95	1	1	44.15382
Lane_str_inv	BOBJ1	73.27	After	Interior Girder 1	16.85	0.95	1	1	27.221077
Lane_str_inv	BOBJ1	73.27	After	Interior Girder 2	16.85	0.95	1	1	26.98919
Lane_str_inv	BOBJ1	73.27	After	Interior Girder 3	16.85	0.95	1	1	25.907983
Lane_str_inv	BOBJ1	73.27	After	Interior Girder 4	16.85	0.95	1	1	25.907983
Lane_str_inv	BOBJ1	73.27	After	Interior Girder 5	16.85	0.95	1	1	26.98919
Lane_str_inv	BOBJ1	73.27	After	Interior Girder 6	16.85	0.95	1	1	27.221077
Lane_str_inv	BOBJ1	73.27	After	Right Exterior Girder	16.85	0.95	1	1	44.15382
Lane_str_inv	BOBJ1	78.8867	Before	Left Exterior Girder	22.4667	0.95	1	1	44.670543
Lane_str_inv	BOBJ1	78.8867	Before	Interior Girder 1	22.4667	0.95	1	1	27.655709
Lane_str_inv	BOBJ1	78.8867	Before	Interior Girder 2	22.4667	0.95	1	1	27.418928
Lane_str_inv	BOBJ1	78.8867	Before	Interior Girder 3	22.4667	0.95	1	1	26.321696
Lane_str_inv	BOBJ1	78.8867	Before	Interior Girder 4	22.4667	0.95	1	1	26.321696
Lane_str_inv	BOBJ1	78.8867	Before	Interior Girder 5	22.4667	0.95	1	1	27.418928
Lane_str_inv	BOBJ1	78.8867	Before	Interior Girder 6	22.4667	0.95	1	1	27.655709
Lane_str_inv	BOBJ1	78.8867	Before	Right Exterior Girder	22.4667	0.95	1	1	44.670543
Lane_str_inv	BOBJ1	78.8867	After	Left Exterior Girder	22.4667	0.95	1	1	52.648528
Lane_str_inv	BOBJ1	78.8867	After	Interior Girder 1	22.4667	0.95	1	1	35.085768
Lane_str_inv	BOBJ1	78.8867	After	Interior Girder 2	22.4667	0.95	1	1	34.025547
Lane_str_inv	BOBJ1	78.8867	After	Interior Girder 3	22.4667	0.95	1	1	33.499098
Lane_str_inv	BOBJ1	78.8867	After	Interior Girder 4	22.4667	0.95	1	1	33.499098
Lane_str_inv	BOBJ1	78.8867	After	Interior Girder 5	22.4667	0.95	1	1	34.025547
Lane_str_inv	BOBJ1	78.8867	After	Interior Girder 6	22.4667	0.95	1	1	35.085768
Lane_str_inv	BOBJ1	78.8867	After	Right Exterior Girder	22.4667	0.95	1	1	52.648528
Lane_str_inv	BOBJ1	84.5033	Before	Left Exterior Girder	28.0833	0.95	1	1	53.243804
Lane_str_inv	BOBJ1	84.5033	Before	Interior Girder 1	28.0833	0.95	1	1	35.634608
Lane_str_inv	BOBJ1	84.5033	Before	Interior Girder 2	28.0833	0.95	1	1	34.556013
Lane_str_inv	BOBJ1	84.5033	Before	Interior Girder 3	28.0833	0.95	1	1	34.02218
Lane_str_inv	BOBJ1	84.5033	Before	Interior Girder 4	28.0833	0.95	1	1	34.02218
Lane_str_inv	BOBJ1	84.5033	Before	Interior Girder 5	28.0833	0.95	1	1	34.556013

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Approach, Span 12-1									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Lane_str_inv	BOBJ1	84.5033	Before	Interior Girder 6	28.0833	0.95	1	1	35.634608
Lane_str_inv	BOBJ1	84.5033	Before	Right Exterior Girder	28.0833	0.95	1	1	53.243804
Lane_str_inv	BOBJ1	84.5033	After	Left Exterior Girder	28.0833	0.95	1	1	63.80961
Lane_str_inv	BOBJ1	84.5033	After	Interior Girder 1	28.0833	0.95	1	1	45.117057
Lane_str_inv	BOBJ1	84.5033	After	Interior Girder 2	28.0833	0.95	1	1	43.160732
Lane_str_inv	BOBJ1	84.5033	After	Interior Girder 3	28.0833	0.95	1	1	42.935137
Lane_str_inv	BOBJ1	84.5033	After	Interior Girder 4	28.0833	0.95	1	1	42.935137
Lane_str_inv	BOBJ1	84.5033	After	Interior Girder 5	28.0833	0.95	1	1	43.160732
Lane_str_inv	BOBJ1	84.5033	After	Interior Girder 6	28.0833	0.95	1	1	45.117057
Lane_str_inv	BOBJ1	84.5033	After	Right Exterior Girder	28.0833	0.95	1	1	63.80961
Lane_str_inv	BOBJ1	90.12	Before	Left Exterior Girder	33.7	0.95	1	1	64.507787
Lane_str_inv	BOBJ1	90.12	Before	Interior Girder 1	33.7	0.95	1	1	45.808403
Lane_str_inv	BOBJ1	90.12	Before	Interior Girder 2	33.7	0.95	1	1	43.819673
Lane_str_inv	BOBJ1	90.12	Before	Interior Girder 3	33.7	0.95	1	1	43.591267
Lane_str_inv	BOBJ1	90.12	Before	Interior Girder 4	33.7	0.95	1	1	43.591267
Lane_str_inv	BOBJ1	90.12	Before	Interior Girder 5	33.7	0.95	1	1	43.819673
Lane_str_inv	BOBJ1	90.12	Before	Interior Girder 6	33.7	0.95	1	1	45.808403
Lane_str_inv	BOBJ1	90.12	Before	Right Exterior Girder	33.7	0.95	1	1	64.507787
Lane_str_inv	BOBJ1	90.12	After	Left Exterior Girder	33.7	0.95	1	1	65.465659
Lane_str_inv	BOBJ1	90.12	After	Interior Girder 1	33.7	0.95	1	1	45.276364
Lane_str_inv	BOBJ1	90.12	After	Interior Girder 2	33.7	0.95	1	1	43.233438
Lane_str_inv	BOBJ1	90.12	After	Interior Girder 3	33.7	0.95	1	1	42.846418
Lane_str_inv	BOBJ1	90.12	After	Interior Girder 4	33.7	0.95	1	1	42.846418
Lane_str_inv	BOBJ1	90.12	After	Interior Girder 5	33.7	0.95	1	1	43.233438
Lane_str_inv	BOBJ1	90.12	After	Interior Girder 6	33.7	0.95	1	1	45.276364
Lane_str_inv	BOBJ1	90.12	After	Right Exterior Girder	33.7	0.95	1	1	65.465659
Lane_str_inv	BOBJ1	95.7367	Before	Left Exterior Girder	39.3167	0.95	1	1	64.757252
Lane_str_inv	BOBJ1	95.7367	Before	Interior Girder 1	39.3167	0.95	1	1	44.59277
Lane_str_inv	BOBJ1	95.7367	Before	Interior Girder 2	39.3167	0.95	1	1	42.582906
Lane_str_inv	BOBJ1	95.7367	Before	Interior Girder 3	39.3167	0.95	1	1	42.200999
Lane_str_inv	BOBJ1	95.7367	Before	Interior Girder 4	39.3167	0.95	1	1	42.200999
Lane_str_inv	BOBJ1	95.7367	Before	Interior Girder 5	39.3167	0.95	1	1	42.582906
Lane_str_inv	BOBJ1	95.7367	Before	Interior Girder 6	39.3167	0.95	1	1	44.59277
Lane_str_inv	BOBJ1	95.7367	Before	Right Exterior Girder	39.3167	0.95	1	1	64.757252
Lane_str_inv	BOBJ1	95.7367	After	Left Exterior Girder	39.3167	0.95	1	1	54.131802
Lane_str_inv	BOBJ1	95.7367	After	Interior Girder 1	39.3167	0.95	1	1	35.349874
Lane_str_inv	BOBJ1	95.7367	After	Interior Girder 2	39.3167	0.95	1	1	34.223912
Lane_str_inv	BOBJ1	95.7367	After	Interior Girder 3	39.3167	0.95	1	1	33.571673
Lane_str_inv	BOBJ1	95.7367	After	Interior Girder 4	39.3167	0.95	1	1	33.571673
Lane_str_inv	BOBJ1	95.7367	After	Interior Girder 5	39.3167	0.95	1	1	34.223912
Lane_str_inv	BOBJ1	95.7367	After	Interior Girder 6	39.3167	0.95	1	1	35.349874
Lane_str_inv	BOBJ1	95.7367	After	Right Exterior Girder	39.3167	0.95	1	1	54.131802
Lane_str_inv	BOBJ1	101.3533	Before	Left Exterior Girder	44.9333	0.95	1	1	53.526718
Lane_str_inv	BOBJ1	101.3533	Before	Interior Girder 1	44.9333	0.95	1	1	34.805198
Lane_str_inv	BOBJ1	101.3533	Before	Interior Girder 2	44.9333	0.95	1	1	33.698204
Lane_str_inv	BOBJ1	101.3533	Before	Interior Girder 3	44.9333	0.95	1	1	33.055107
Lane_str_inv	BOBJ1	101.3533	Before	Interior Girder 4	44.9333	0.95	1	1	33.055107
Lane_str_inv	BOBJ1	101.3533	Before	Interior Girder 5	44.9333	0.95	1	1	33.698204
Lane_str_inv	BOBJ1	101.3533	Before	Interior Girder 6	44.9333	0.95	1	1	34.805198
Lane_str_inv	BOBJ1	101.3533	Before	Right Exterior Girder	44.9333	0.95	1	1	53.526718
Lane_str_inv	BOBJ1	101.3533	After	Left Exterior Girder	44.9333	0.95	1	1	44.976284
Lane_str_inv	BOBJ1	101.3533	After	Interior Girder 1	44.9333	0.95	1	1	27.521948
Lane_str_inv	BOBJ1	101.3533	After	Interior Girder 2	44.9333	0.95	1	1	27.229533
Lane_str_inv	BOBJ1	101.3533	After	Interior Girder 3	44.9333	0.95	1	1	25.987698
Lane_str_inv	BOBJ1	101.3533	After	Interior Girder 4	44.9333	0.95	1	1	25.987698
Lane_str_inv	BOBJ1	101.3533	After	Interior Girder 5	44.9333	0.95	1	1	27.229533
Lane_str_inv	BOBJ1	101.3533	After	Interior Girder 6	44.9333	0.95	1	1	27.521948
Lane_str_inv	BOBJ1	101.3533	After	Right Exterior Girder	44.9333	0.95	1	1	44.976284
Lane_str_inv	BOBJ1	106.97	Before	Left Exterior Girder	50.55	0.95	1	1	44.456138
Lane_str_inv	BOBJ1	106.97	Before	Interior Girder 1	50.55	0.95	1	1	27.089246
Lane_str_inv	BOBJ1	106.97	Before	Interior Girder 2	50.55	0.95	1	1	26.802469
Lane_str_inv	BOBJ1	106.97	Before	Interior Girder 3	50.55	0.95	1	1	25.578905
Lane_str_inv	BOBJ1	106.97	Before	Interior Girder 4	50.55	0.95	1	1	25.578905
Lane_str_inv	BOBJ1	106.97	Before	Interior Girder 5	50.55	0.95	1	1	26.802469
Lane_str_inv	BOBJ1	106.97	Before	Interior Girder 6	50.55	0.95	1	1	27.089246

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Approach, Span 12-1									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Lane_str_inv	BOBJ1	106.97	Before	Right Exterior Girder	50.55	0.95	1	1	44.456138
Lane_str_inv	BOBJ1	106.97	After	Left Exterior Girder	50.55	0.95	1	1	29.686547
Lane_str_inv	BOBJ1	106.97	After	Interior Girder 1	50.55	0.95	1	1	24.302319
Lane_str_inv	BOBJ1	106.97	After	Interior Girder 2	50.55	0.95	1	1	22.74231
Lane_str_inv	BOBJ1	106.97	After	Interior Girder 3	50.55	0.95	1	1	20.862127
Lane_str_inv	BOBJ1	106.97	After	Interior Girder 4	50.55	0.95	1	1	20.862127
Lane_str_inv	BOBJ1	106.97	After	Interior Girder 5	50.55	0.95	1	1	22.74231
Lane_str_inv	BOBJ1	106.97	After	Interior Girder 6	50.55	0.95	1	1	24.302319
Lane_str_inv	BOBJ1	106.97	After	Right Exterior Girder	50.55	0.95	1	1	29.686547
Lane_str_inv	BOBJ1	112.5933	Before	Left Exterior Girder	56.1733	0.95	1	1	29.33034
Lane_str_inv	BOBJ1	112.5933	Before	Interior Girder 1	56.1733	0.95	1	1	23.910974
Lane_str_inv	BOBJ1	112.5933	Before	Interior Girder 2	56.1733	0.95	1	1	22.37876
Lane_str_inv	BOBJ1	112.5933	Before	Interior Girder 3	56.1733	0.95	1	1	20.524562
Lane_str_inv	BOBJ1	112.5933	Before	Interior Girder 4	56.1733	0.95	1	1	20.524562
Lane_str_inv	BOBJ1	112.5933	Before	Interior Girder 5	56.1733	0.95	1	1	22.37876
Lane_str_inv	BOBJ1	112.5933	Before	Interior Girder 6	56.1733	0.95	1	1	23.910974
Lane_str_inv	BOBJ1	112.5933	Before	Right Exterior Girder	56.1733	0.95	1	1	29.33034
Lane_str_inv	BOBJ1	112.5933	After	Left Exterior Girder	56.1733	0.95	1	1	25.263308
Lane_str_inv	BOBJ1	112.5933	After	Interior Girder 1	56.1733	0.95	1	1	20.106754
Lane_str_inv	BOBJ1	112.5933	After	Interior Girder 2	56.1733	0.95	1	1	18.980526
Lane_str_inv	BOBJ1	112.5933	After	Interior Girder 3	56.1733	0.95	1	1	17.020146
Lane_str_inv	BOBJ1	112.5933	After	Interior Girder 4	56.1733	0.95	1	1	17.020146
Lane_str_inv	BOBJ1	112.5933	After	Interior Girder 5	56.1733	0.95	1	1	18.980526
Lane_str_inv	BOBJ1	112.5933	After	Interior Girder 6	56.1733	0.95	1	1	20.106754
Lane_str_inv	BOBJ1	112.5933	After	Right Exterior Girder	56.1733	0.95	1	1	25.263308
Lane_str_inv	BOBJ1	115.3396	Before	Left Exterior Girder	58.9196	0.95	1	1	25.109776
Lane_str_inv	BOBJ1	115.3396	Before	Right Exterior Girder	58.9196	0.95	1	1	25.109776
Lane_str_inv	BOBJ1	115.3396	After	Left Exterior Girder	58.9196	0.95	1	1	25.346263
Lane_str_inv	BOBJ1	115.3396	After	Right Exterior Girder	58.9196	0.95	1	1	25.346263
Lane_str_inv	BOBJ1	118.2167	Before	Left Exterior Girder	61.7967	0.95	1	1	25.156942
Lane_str_inv	BOBJ1	118.2167	Before	Interior Girder 1	61.9198	0.95	1	1	19.412376
Lane_str_inv	BOBJ1	118.2167	Before	Interior Girder 2	61.9198	0.95	1	1	18.670727
Lane_str_inv	BOBJ1	118.2167	Before	Interior Girder 3	61.9198	0.95	1	1	16.738027
Lane_str_inv	BOBJ1	118.2167	Before	Interior Girder 4	61.9198	0.95	1	1	16.738027
Lane_str_inv	BOBJ1	118.2167	Before	Interior Girder 5	61.9198	0.95	1	1	18.670727
Lane_str_inv	BOBJ1	118.2167	Before	Interior Girder 6	61.9198	0.95	1	1	19.412376
Lane_str_inv	BOBJ1	118.2167	Before	Right Exterior Girder	61.7967	0.95	1	1	25.156942
Lane_str_inv	BOBJ1	118.2167	After	Left Exterior Girder	61.7967	0.95	1	1	23.099765
Lane_str_inv	BOBJ1	118.2167	After	Interior Girder 1	61.9198	0.95	1	1	15.584297
Lane_str_inv	BOBJ1	118.2167	After	Interior Girder 2	61.9198	0.95	1	1	15.902101
Lane_str_inv	BOBJ1	118.2167	After	Interior Girder 3	61.9198	0.95	1	1	13.612807
Lane_str_inv	BOBJ1	118.2167	After	Interior Girder 4	61.9198	0.95	1	1	13.612807
Lane_str_inv	BOBJ1	118.2167	After	Interior Girder 5	61.9198	0.95	1	1	15.902101
Lane_str_inv	BOBJ1	118.2167	After	Interior Girder 6	61.9198	0.95	1	1	15.584297
Lane_str_inv	BOBJ1	118.2167	After	Right Exterior Girder	61.7967	0.95	1	1	23.099765
Lane_str_inv	BOBJ1	123.84	Before	Left Exterior Girder	67.42	0.95	1	1	22.753486
Lane_str_inv	BOBJ1	123.84	Before	Interior Girder 1	67.42	0.95	1	1	15.310205
Lane_str_inv	BOBJ1	123.84	Before	Interior Girder 2	67.42	0.95	1	1	15.624247
Lane_str_inv	BOBJ1	123.84	Before	Interior Girder 3	67.42	0.95	1	1	13.369923
Lane_str_inv	BOBJ1	123.84	Before	Interior Girder 4	67.42	0.95	1	1	13.369923
Lane_str_inv	BOBJ1	123.84	Before	Interior Girder 5	67.42	0.95	1	1	15.624247
Lane_str_inv	BOBJ1	123.84	Before	Interior Girder 6	67.42	0.95	1	1	15.310205
Lane_str_inv	BOBJ1	123.84	Before	Right Exterior Girder	67.42	0.95	1	1	22.753486
Lane_str_inv	BOBJ1	123.84	After	Left Exterior Girder	0	0.95	1	1	22.519244
Lane_str_inv	BOBJ1	123.84	After	Interior Girder 1	0	0.95	1	1	15.458828
Lane_str_inv	BOBJ1	123.84	After	Interior Girder 2	0	0.95	1	1	15.647599
Lane_str_inv	BOBJ1	123.84	After	Interior Girder 3	0	0.95	1	1	13.334524
Lane_str_inv	BOBJ1	123.84	After	Interior Girder 4	0	0.95	1	1	13.334524
Lane_str_inv	BOBJ1	123.84	After	Interior Girder 5	0	0.95	1	1	15.647599
Lane_str_inv	BOBJ1	123.84	After	Interior Girder 6	0	0.95	1	1	15.458828
Lane_str_inv	BOBJ1	123.84	After	Right Exterior Girder	0	0.95	1	1	22.519244
Lane_str_inv	BOBJ1	129.34	Before	Interior Girder 1	5.5	0.95	1	1	15.729808
Lane_str_inv	BOBJ1	129.34	Before	Interior Girder 2	5.5	0.95	1	1	15.919752
Lane_str_inv	BOBJ1	129.34	Before	Interior Girder 3	5.5	0.95	1	1	13.572022
Lane_str_inv	BOBJ1	129.34	Before	Interior Girder 4	5.5	0.95	1	1	13.572022

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Approach, Span 12-1									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Lane_str_inv	BOBJ1	129.34	Before	Interior Girder 5	5.5	0.95	1	1	15.919752
Lane_str_inv	BOBJ1	129.34	Before	Interior Girder 6	5.5	0.95	1	1	15.729808
Lane_str_inv	BOBJ1	129.34	After	Interior Girder 1	5.5	0.95	1	1	15.655864
Lane_str_inv	BOBJ1	129.34	After	Interior Girder 2	5.5	0.95	1	1	17.38149
Lane_str_inv	BOBJ1	129.34	After	Interior Girder 3	5.5	0.95	1	1	15.097949
Lane_str_inv	BOBJ1	129.34	After	Interior Girder 4	5.5	0.95	1	1	15.097949
Lane_str_inv	BOBJ1	129.34	After	Interior Girder 5	5.5	0.95	1	1	17.38149
Lane_str_inv	BOBJ1	129.34	After	Interior Girder 6	5.5	0.95	1	1	15.655864
Lane_str_inv	BOBJ1	130.79	Before	Left Exterior Girder	6.95	0.95	1	1	22.606647
Lane_str_inv	BOBJ1	130.79	Before	Interior Girder 1	6.95	0.95	1	1	15.724513
Lane_str_inv	BOBJ1	130.79	Before	Interior Girder 2	6.95	0.95	1	1	17.455957
Lane_str_inv	BOBJ1	130.79	Before	Interior Girder 3	6.95	0.95	1	1	15.164019
Lane_str_inv	BOBJ1	130.79	Before	Interior Girder 4	6.95	0.95	1	1	15.164019
Lane_str_inv	BOBJ1	130.79	Before	Interior Girder 5	6.95	0.95	1	1	17.455957
Lane_str_inv	BOBJ1	130.79	Before	Interior Girder 6	6.95	0.95	1	1	15.724513
Lane_str_inv	BOBJ1	130.79	Before	Right Exterior Girder	6.95	0.95	1	1	22.606647
Lane_str_inv	BOBJ1	130.79	After	Left Exterior Girder	6.95	0.95	1	1	22.324846
Lane_str_inv	BOBJ1	130.79	After	Interior Girder 1	6.95	0.95	1	1	19.963254
Lane_str_inv	BOBJ1	130.79	After	Interior Girder 2	6.95	0.95	1	1	19.890964
Lane_str_inv	BOBJ1	130.79	After	Interior Girder 3	6.95	0.95	1	1	17.822278
Lane_str_inv	BOBJ1	130.79	After	Interior Girder 4	6.95	0.95	1	1	17.822278
Lane_str_inv	BOBJ1	130.79	After	Interior Girder 5	6.95	0.95	1	1	19.890964
Lane_str_inv	BOBJ1	130.79	After	Interior Girder 6	6.95	0.95	1	1	19.963254
Lane_str_inv	BOBJ1	130.79	After	Right Exterior Girder	6.95	0.95	1	1	22.324846
Lane_str_inv	BOBJ1	132.34	Before	Left Exterior Girder	8.5	0.95	1	1	22.416544
Lane_str_inv	BOBJ1	132.34	Before	Right Exterior Girder	8.5	0.95	1	1	22.416544
Lane_str_inv	BOBJ1	132.34	After	Left Exterior Girder	8.5	0.95	1	1	26.129437
Lane_str_inv	BOBJ1	132.34	After	Right Exterior Girder	8.5	0.95	1	1	26.129437
Lane_str_inv	BOBJ1	137.74	Before	Left Exterior Girder	13.9	0.95	1	1	26.44115
Lane_str_inv	BOBJ1	137.74	Before	Interior Girder 1	13.9	0.95	1	1	21.503963
Lane_str_inv	BOBJ1	137.74	Before	Interior Girder 2	13.9	0.95	1	1	20.296712
Lane_str_inv	BOBJ1	137.74	Before	Interior Girder 3	13.9	0.95	1	1	18.191795
Lane_str_inv	BOBJ1	137.74	Before	Interior Girder 4	13.9	0.95	1	1	18.191795
Lane_str_inv	BOBJ1	137.74	Before	Interior Girder 5	13.9	0.95	1	1	20.296712
Lane_str_inv	BOBJ1	137.74	Before	Interior Girder 6	13.9	0.95	1	1	21.503963
Lane_str_inv	BOBJ1	137.74	Before	Right Exterior Girder	13.9	0.95	1	1	26.44115
Lane_str_inv	BOBJ1	137.74	After	Left Exterior Girder	13.9	0.95	1	1	38.415439
Lane_str_inv	BOBJ1	137.74	After	Interior Girder 1	13.9	0.95	1	1	24.587717
Lane_str_inv	BOBJ1	137.74	After	Interior Girder 2	13.9	0.95	1	1	24.028815
Lane_str_inv	BOBJ1	137.74	After	Interior Girder 3	13.9	0.95	1	1	23.034756
Lane_str_inv	BOBJ1	137.74	After	Interior Girder 4	13.9	0.95	1	1	23.034756
Lane_str_inv	BOBJ1	137.74	After	Interior Girder 5	13.9	0.95	1	1	24.028815
Lane_str_inv	BOBJ1	137.74	After	Interior Girder 6	13.9	0.95	1	1	24.587717
Lane_str_inv	BOBJ1	137.74	After	Right Exterior Girder	13.9	0.95	1	1	38.415439
Lane_str_inv	BOBJ1	143.7733	Before	Left Exterior Girder	19.9333	0.95	1	1	38.90754
Lane_str_inv	BOBJ1	143.7733	Before	Interior Girder 1	19.9333	0.95	1	1	25.014924
Lane_str_inv	BOBJ1	143.7733	Before	Interior Girder 2	19.9333	0.95	1	1	24.445148
Lane_str_inv	BOBJ1	143.7733	Before	Interior Girder 3	19.9333	0.95	1	1	23.435423
Lane_str_inv	BOBJ1	143.7733	Before	Interior Girder 4	19.9333	0.95	1	1	23.435423
Lane_str_inv	BOBJ1	143.7733	Before	Interior Girder 5	19.9333	0.95	1	1	24.445148
Lane_str_inv	BOBJ1	143.7733	Before	Interior Girder 6	19.9333	0.95	1	1	25.014924
Lane_str_inv	BOBJ1	143.7733	Before	Right Exterior Girder	19.9333	0.95	1	1	38.90754
Lane_str_inv	BOBJ1	143.7733	After	Left Exterior Girder	19.9333	0.95	1	1	46.130044
Lane_str_inv	BOBJ1	143.7733	After	Interior Girder 1	19.9333	0.95	1	1	31.983411
Lane_str_inv	BOBJ1	143.7733	After	Interior Girder 2	19.9333	0.95	1	1	30.424304
Lane_str_inv	BOBJ1	143.7733	After	Interior Girder 3	19.9333	0.95	1	1	29.778019
Lane_str_inv	BOBJ1	143.7733	After	Interior Girder 4	19.9333	0.95	1	1	29.778019
Lane_str_inv	BOBJ1	143.7733	After	Interior Girder 5	19.9333	0.95	1	1	30.424304
Lane_str_inv	BOBJ1	143.7733	After	Interior Girder 6	19.9333	0.95	1	1	31.983411
Lane_str_inv	BOBJ1	143.7733	After	Right Exterior Girder	19.9333	0.95	1	1	46.130044
Lane_str_inv	BOBJ1	149.8067	Before	Left Exterior Girder	25.9667	0.95	1	1	46.699053
Lane_str_inv	BOBJ1	149.8067	Before	Interior Girder 1	25.9667	0.95	1	1	32.526963
Lane_str_inv	BOBJ1	149.8067	Before	Interior Girder 2	25.9667	0.95	1	1	30.939555
Lane_str_inv	BOBJ1	149.8067	Before	Interior Girder 3	25.9667	0.95	1	1	30.283439
Lane_str_inv	BOBJ1	149.8067	Before	Interior Girder 4	25.9667	0.95	1	1	30.283439

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Approach, Span 12-1									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Lane_str_inv	BOBJ1	149.8067	Before	Interior Girder 5	25.9667	0.95	1	1	30.939555
Lane_str_inv	BOBJ1	149.8067	Before	Interior Girder 6	25.9667	0.95	1	1	32.526963
Lane_str_inv	BOBJ1	149.8067	Before	Right Exterior Girder	25.9667	0.95	1	1	46.699053
Lane_str_inv	BOBJ1	149.8067	After	Left Exterior Girder	25.9667	0.95	1	1	56.086734
Lane_str_inv	BOBJ1	149.8067	After	Interior Girder 1	25.9667	0.95	1	1	41.450285
Lane_str_inv	BOBJ1	149.8067	After	Interior Girder 2	25.9667	0.95	1	1	38.841897
Lane_str_inv	BOBJ1	149.8067	After	Interior Girder 3	25.9667	0.95	1	1	38.385296
Lane_str_inv	BOBJ1	149.8067	After	Interior Girder 4	25.9667	0.95	1	1	38.385296
Lane_str_inv	BOBJ1	149.8067	After	Interior Girder 5	25.9667	0.95	1	1	38.841897
Lane_str_inv	BOBJ1	149.8067	After	Interior Girder 6	25.9667	0.95	1	1	41.450285
Lane_str_inv	BOBJ1	149.8067	After	Right Exterior Girder	25.9667	0.95	1	1	56.086734
Lane_str_inv	BOBJ1	155.84	Before	Left Exterior Girder	32	0.95	1	1	56.754233
Lane_str_inv	BOBJ1	155.84	Before	Interior Girder 1	32	0.95	1	1	42.139174
Lane_str_inv	BOBJ1	155.84	Before	Interior Girder 2	32	0.95	1	1	39.484932
Lane_str_inv	BOBJ1	155.84	Before	Interior Girder 3	32	0.95	1	1	39.021707
Lane_str_inv	BOBJ1	155.84	Before	Interior Girder 4	32	0.95	1	1	39.021707
Lane_str_inv	BOBJ1	155.84	Before	Interior Girder 5	32	0.95	1	1	39.484932
Lane_str_inv	BOBJ1	155.84	Before	Interior Girder 6	32	0.95	1	1	42.139174
Lane_str_inv	BOBJ1	155.84	Before	Right Exterior Girder	32	0.95	1	1	56.754233
Lane_str_inv	BOBJ1	155.84	After	Left Exterior Girder	32	0.95	1	1	72.768867
Lane_str_inv	BOBJ1	155.84	After	Interior Girder 1	32	0.95	1	1	45.836857
Lane_str_inv	BOBJ1	155.84	After	Interior Girder 2	32	0.95	1	1	47.02887
Lane_str_inv	BOBJ1	155.84	After	Interior Girder 3	32	0.95	1	1	44.701819
Lane_str_inv	BOBJ1	155.84	After	Interior Girder 4	32	0.95	1	1	44.701819
Lane_str_inv	BOBJ1	155.84	After	Interior Girder 5	32	0.95	1	1	47.02887
Lane_str_inv	BOBJ1	155.84	After	Interior Girder 6	32	0.95	1	1	45.836857
Lane_str_inv	BOBJ1	155.84	After	Right Exterior Girder	32	0.95	1	1	72.768867
Lane_str_inv	BOBJ1	161.8733	Before	Left Exterior Girder	38.0333	0.95	1	1	71.931689
Lane_str_inv	BOBJ1	161.8733	Before	Interior Girder 1	38.0333	0.95	1	1	46.576697
Lane_str_inv	BOBJ1	161.8733	Before	Interior Girder 2	38.0333	0.95	1	1	47.27475
Lane_str_inv	BOBJ1	161.8733	Before	Interior Girder 3	38.0333	0.95	1	1	45.425463
Lane_str_inv	BOBJ1	161.8733	Before	Interior Girder 4	38.0333	0.95	1	1	45.425463
Lane_str_inv	BOBJ1	161.8733	Before	Interior Girder 5	38.0333	0.95	1	1	47.27475
Lane_str_inv	BOBJ1	161.8733	Before	Interior Girder 6	38.0333	0.95	1	1	46.576697
Lane_str_inv	BOBJ1	161.8733	Before	Right Exterior Girder	38.0333	0.95	1	1	71.931689
Lane_str_inv	BOBJ1	161.8733	After	Left Exterior Girder	38.0333	0.95	1	1	58.816578
Lane_str_inv	BOBJ1	161.8733	After	Interior Girder 1	38.0333	0.95	1	1	37.494388
Lane_str_inv	BOBJ1	161.8733	After	Interior Girder 2	38.0333	0.95	1	1	36.839785
Lane_str_inv	BOBJ1	161.8733	After	Interior Girder 3	38.0333	0.95	1	1	36.374259
Lane_str_inv	BOBJ1	161.8733	After	Interior Girder 4	38.0333	0.95	1	1	36.374259
Lane_str_inv	BOBJ1	161.8733	After	Interior Girder 5	38.0333	0.95	1	1	36.839785
Lane_str_inv	BOBJ1	161.8733	After	Interior Girder 6	38.0333	0.95	1	1	37.494388
Lane_str_inv	BOBJ1	161.8733	After	Right Exterior Girder	38.0333	0.95	1	1	58.816578
Lane_str_inv	BOBJ1	167.9067	Before	Left Exterior Girder	44.0667	0.95	1	1	58.116173
Lane_str_inv	BOBJ1	167.9067	Before	Interior Girder 1	44.0667	0.95	1	1	36.877616
Lane_str_inv	BOBJ1	167.9067	Before	Interior Girder 2	44.0667	0.95	1	1	36.235681
Lane_str_inv	BOBJ1	167.9067	Before	Interior Girder 3	44.0667	0.95	1	1	35.777133
Lane_str_inv	BOBJ1	167.9067	Before	Interior Girder 4	44.0667	0.95	1	1	35.777133
Lane_str_inv	BOBJ1	167.9067	Before	Interior Girder 5	44.0667	0.95	1	1	36.235681
Lane_str_inv	BOBJ1	167.9067	Before	Interior Girder 6	44.0667	0.95	1	1	36.877616
Lane_str_inv	BOBJ1	167.9067	Before	Right Exterior Girder	44.0667	0.95	1	1	58.116173
Lane_str_inv	BOBJ1	167.9067	After	Left Exterior Girder	44.0667	0.95	1	1	47.939
Lane_str_inv	BOBJ1	167.9067	After	Interior Girder 1	44.0667	0.95	1	1	28.463887
Lane_str_inv	BOBJ1	167.9067	After	Interior Girder 2	44.0667	0.95	1	1	28.535367
Lane_str_inv	BOBJ1	167.9067	After	Interior Girder 3	44.0667	0.95	1	1	27.217858
Lane_str_inv	BOBJ1	167.9067	After	Interior Girder 4	44.0667	0.95	1	1	27.217858
Lane_str_inv	BOBJ1	167.9067	After	Interior Girder 5	44.0667	0.95	1	1	28.535367
Lane_str_inv	BOBJ1	167.9067	After	Interior Girder 6	44.0667	0.95	1	1	28.463887
Lane_str_inv	BOBJ1	167.9067	After	Right Exterior Girder	44.0667	0.95	1	1	47.939
Lane_str_inv	BOBJ1	173.94	Before	Left Exterior Girder	50.1	0.95	1	1	47.347074
Lane_str_inv	BOBJ1	173.94	Before	Interior Girder 1	50.1	0.95	1	1	27.985422
Lane_str_inv	BOBJ1	173.94	Before	Interior Girder 2	50.1	0.95	1	1	28.056894
Lane_str_inv	BOBJ1	173.94	Before	Interior Girder 3	50.1	0.95	1	1	26.760426
Lane_str_inv	BOBJ1	173.94	Before	Interior Girder 4	50.1	0.95	1	1	26.760426
Lane_str_inv	BOBJ1	173.94	Before	Interior Girder 5	50.1	0.95	1	1	28.056894

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Approach, Span 12-1									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Lane_str_inv	BOBJ1	173.94	Before	Interior Girder 6	50.1	0.95	1	1	27.985422
Lane_str_inv	BOBJ1	173.94	Before	Right Exterior Girder	50.1	0.95	1	1	47.347074
Lane_str_inv	BOBJ1	173.94	After	Left Exterior Girder	50.1	0.95	1	1	29.676104
Lane_str_inv	BOBJ1	173.94	After	Interior Girder 1	50.1	0.95	1	1	24.961552
Lane_str_inv	BOBJ1	173.94	After	Interior Girder 2	50.1	0.95	1	1	23.43637
Lane_str_inv	BOBJ1	173.94	After	Interior Girder 3	50.1	0.95	1	1	21.72534
Lane_str_inv	BOBJ1	173.94	After	Interior Girder 4	50.1	0.95	1	1	21.72534
Lane_str_inv	BOBJ1	173.94	After	Interior Girder 5	50.1	0.95	1	1	23.43637
Lane_str_inv	BOBJ1	173.94	After	Interior Girder 6	50.1	0.95	1	1	24.961552
Lane_str_inv	BOBJ1	173.94	After	Right Exterior Girder	50.1	0.95	1	1	29.676104
Lane_str_inv	BOBJ1	179.98	Before	Left Exterior Girder	56.14	0.95	1	1	29.295111
Lane_str_inv	BOBJ1	179.98	Before	Interior Girder 1	56.14	0.95	1	1	24.531099
Lane_str_inv	BOBJ1	179.98	Before	Interior Girder 2	56.14	0.95	1	1	23.035246
Lane_str_inv	BOBJ1	179.98	Before	Interior Girder 3	56.14	0.95	1	1	21.349253
Lane_str_inv	BOBJ1	179.98	Before	Interior Girder 4	56.14	0.95	1	1	21.349253
Lane_str_inv	BOBJ1	179.98	Before	Interior Girder 5	56.14	0.95	1	1	23.035246
Lane_str_inv	BOBJ1	179.98	Before	Interior Girder 6	56.14	0.95	1	1	24.531099
Lane_str_inv	BOBJ1	179.98	Before	Right Exterior Girder	56.14	0.95	1	1	29.295111
Lane_str_inv	BOBJ1	179.98	After	Left Exterior Girder	56.14	0.95	1	1	25.452026
Lane_str_inv	BOBJ1	179.98	After	Interior Girder 1	56.14	0.95	1	1	20.032939
Lane_str_inv	BOBJ1	179.98	After	Interior Girder 2	56.14	0.95	1	1	19.227234
Lane_str_inv	BOBJ1	179.98	After	Interior Girder 3	56.14	0.95	1	1	17.41281
Lane_str_inv	BOBJ1	179.98	After	Interior Girder 4	56.14	0.95	1	1	17.41281
Lane_str_inv	BOBJ1	179.98	After	Interior Girder 5	56.14	0.95	1	1	19.227234
Lane_str_inv	BOBJ1	179.98	After	Interior Girder 6	56.14	0.95	1	1	20.032939
Lane_str_inv	BOBJ1	179.98	After	Right Exterior Girder	56.14	0.95	1	1	25.452026
Lane_str_inv	BOBJ1	183.56	Before	Left Exterior Girder	59.72	0.95	1	1	25.250965
Lane_str_inv	BOBJ1	183.56	Before	Right Exterior Girder	59.72	0.95	1	1	25.250965
Lane_str_inv	BOBJ1	183.56	After	Left Exterior Girder	59.72	0.95	1	1	24.436715
Lane_str_inv	BOBJ1	183.56	After	Right Exterior Girder	59.72	0.95	1	1	24.436715
Lane_str_inv	BOBJ1	186.02	Before	Left Exterior Girder	62.18	0.95	1	1	24.277275
Lane_str_inv	BOBJ1	186.02	Before	Interior Girder 1	62.22	0.95	1	1	19.86135
Lane_str_inv	BOBJ1	186.02	Before	Interior Girder 2	62.22	0.95	1	1	18.890713
Lane_str_inv	BOBJ1	186.02	Before	Interior Girder 3	62.22	0.95	1	1	17.103508
Lane_str_inv	BOBJ1	186.02	Before	Interior Girder 4	62.22	0.95	1	1	17.103508
Lane_str_inv	BOBJ1	186.02	Before	Interior Girder 5	62.22	0.95	1	1	18.890713
Lane_str_inv	BOBJ1	186.02	Before	Interior Girder 6	62.22	0.95	1	1	19.86135
Lane_str_inv	BOBJ1	186.02	Before	Right Exterior Girder	62.18	0.95	1	1	24.277275
Lane_str_inv	BOBJ1	186.02	After	Left Exterior Girder	62.18	0.95	1	1	22.872987
Lane_str_inv	BOBJ1	186.02	After	Interior Girder 1	62.22	0.95	1	1	15.531986
Lane_str_inv	BOBJ1	186.02	After	Interior Girder 2	62.22	0.95	1	1	15.879437
Lane_str_inv	BOBJ1	186.02	After	Interior Girder 3	62.22	0.95	1	1	13.691484
Lane_str_inv	BOBJ1	186.02	After	Interior Girder 4	62.22	0.95	1	1	13.691484
Lane_str_inv	BOBJ1	186.02	After	Interior Girder 5	62.22	0.95	1	1	15.879437
Lane_str_inv	BOBJ1	186.02	After	Interior Girder 6	62.22	0.95	1	1	15.531986
Lane_str_inv	BOBJ1	186.02	After	Right Exterior Girder	62.18	0.95	1	1	22.872987
Lane_str_inv	BOBJ1	192.06	Before	Left Exterior Girder	68.22	0.95	1	1	22.497783
Lane_str_inv	BOBJ1	192.06	Before	Interior Girder 1	68.22	0.95	1	1	15.235886
Lane_str_inv	BOBJ1	192.06	Before	Interior Girder 2	68.22	0.95	1	1	15.578672
Lane_str_inv	BOBJ1	192.06	Before	Interior Girder 3	68.22	0.95	1	1	13.426733
Lane_str_inv	BOBJ1	192.06	Before	Interior Girder 4	68.22	0.95	1	1	13.426733
Lane_str_inv	BOBJ1	192.06	Before	Interior Girder 5	68.22	0.95	1	1	15.578672
Lane_str_inv	BOBJ1	192.06	Before	Interior Girder 6	68.22	0.95	1	1	15.235886
Lane_str_inv	BOBJ1	192.06	Before	Right Exterior Girder	68.22	0.95	1	1	22.497783
Lane_str_inv	BOBJ1	192.06	After	Left Exterior Girder	0	0.95	1	1	22.842157
Lane_str_inv	BOBJ1	192.06	After	Interior Girder 1	0	0.95	1	1	15.907313
Lane_str_inv	BOBJ1	192.06	After	Interior Girder 2	0	0.95	1	1	16.315654
Lane_str_inv	BOBJ1	192.06	After	Interior Girder 3	0	0.95	1	1	13.021777
Lane_str_inv	BOBJ1	192.06	After	Interior Girder 4	0	0.95	1	1	13.021777
Lane_str_inv	BOBJ1	192.06	After	Interior Girder 5	0	0.95	1	1	16.315654
Lane_str_inv	BOBJ1	192.06	After	Interior Girder 6	0	0.95	1	1	15.907313
Lane_str_inv	BOBJ1	192.06	After	Right Exterior Girder	0	0.95	1	1	22.842157
Lane_str_inv	BOBJ1	197.087	Before	Interior Girder 1	5.027	0.95	1	1	16.166513
Lane_str_inv	BOBJ1	197.087	Before	Interior Girder 2	5.027	0.95	1	1	16.578542
Lane_str_inv	BOBJ1	197.087	Before	Interior Girder 3	5.027	0.95	1	1	13.239037

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Approach, Span 12-1									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Lane_str_inv	BOBJ1	197.087	Before	Interior Girder 4	5.027	0.95	1	1	13.239037
Lane_str_inv	BOBJ1	197.087	Before	Interior Girder 5	5.027	0.95	1	1	16.578542
Lane_str_inv	BOBJ1	197.087	Before	Interior Girder 6	5.027	0.95	1	1	16.166513
Lane_str_inv	BOBJ1	197.087	After	Interior Girder 1	5.027	0.95	1	1	16.540631
Lane_str_inv	BOBJ1	197.087	After	Interior Girder 2	5.027	0.95	1	1	19.088667
Lane_str_inv	BOBJ1	197.087	After	Interior Girder 3	5.027	0.95	1	1	15.533614
Lane_str_inv	BOBJ1	197.087	After	Interior Girder 4	5.027	0.95	1	1	15.533614
Lane_str_inv	BOBJ1	197.087	After	Interior Girder 5	5.027	0.95	1	1	19.088667
Lane_str_inv	BOBJ1	197.087	After	Interior Girder 6	5.027	0.95	1	1	16.540631
Lane_str_inv	BOBJ1	197.91	Before	Left Exterior Girder	5.85	0.95	1	1	25.607803
Lane_str_inv	BOBJ1	197.91	Before	Interior Girder 1	5.85	0.95	1	1	16.58244
Lane_str_inv	BOBJ1	197.91	Before	Interior Girder 2	5.85	0.95	1	1	19.135392
Lane_str_inv	BOBJ1	197.91	Before	Interior Girder 3	5.85	0.95	1	1	15.572856
Lane_str_inv	BOBJ1	197.91	Before	Interior Girder 4	5.85	0.95	1	1	15.572856
Lane_str_inv	BOBJ1	197.91	Before	Interior Girder 5	5.85	0.95	1	1	19.135392
Lane_str_inv	BOBJ1	197.91	Before	Interior Girder 6	5.85	0.95	1	1	16.58244
Lane_str_inv	BOBJ1	197.91	Before	Right Exterior Girder	5.85	0.95	1	1	25.607803
Lane_str_inv	BOBJ1	197.91	After	Left Exterior Girder	5.85	0.95	1	1	25.931136
Lane_str_inv	BOBJ1	197.91	After	Interior Girder 1	5.85	0.95	1	1	16.479449
Lane_str_inv	BOBJ1	197.91	After	Interior Girder 2	5.85	0.95	1	1	18.64213
Lane_str_inv	BOBJ1	197.91	After	Interior Girder 3	5.85	0.95	1	1	16.705511
Lane_str_inv	BOBJ1	197.91	After	Interior Girder 4	5.85	0.95	1	1	16.705511
Lane_str_inv	BOBJ1	197.91	After	Interior Girder 5	5.85	0.95	1	1	18.64213
Lane_str_inv	BOBJ1	197.91	After	Interior Girder 6	5.85	0.95	1	1	16.479449
Lane_str_inv	BOBJ1	197.91	After	Right Exterior Girder	5.85	0.95	1	1	25.931136
Lane_str_inv	BOBJ1	199.1816	Before	Left Exterior Girder	7.1216	0.95	1	1	26.021472
Lane_str_inv	BOBJ1	199.1816	Before	Right Exterior Girder	7.1216	0.95	1	1	26.021472
Lane_str_inv	BOBJ1	199.1816	After	Left Exterior Girder	7.1216	0.95	1	1	29.167131
Lane_str_inv	BOBJ1	199.1816	After	Right Exterior Girder	7.1216	0.95	1	1	29.167131
Lane_str_inv	BOBJ1	203.5267	Before	Left Exterior Girder	11.3107	0.95	1	1	29.467475
Lane_str_inv	BOBJ1	203.5267	Before	Interior Girder 1	11.3107	0.95	1	1	19.123079
Lane_str_inv	BOBJ1	203.5267	Before	Interior Girder 2	11.3107	0.95	1	1	18.954456
Lane_str_inv	BOBJ1	203.5267	Before	Interior Girder 3	11.3107	0.95	1	1	16.988698
Lane_str_inv	BOBJ1	203.5267	Before	Interior Girder 4	11.3107	0.95	1	1	16.988698
Lane_str_inv	BOBJ1	203.5267	Before	Interior Girder 5	11.3107	0.95	1	1	18.954456
Lane_str_inv	BOBJ1	203.5267	Before	Interior Girder 6	11.3107	0.95	1	1	19.123079
Lane_str_inv	BOBJ1	203.5267	Before	Right Exterior Girder	11.3107	0.95	1	1	29.467475
Lane_str_inv	BOBJ1	203.5267	After	Left Exterior Girder	11.3107	0.95	1	1	40.414376
Lane_str_inv	BOBJ1	203.5267	After	Interior Girder 1	11.3107	0.95	1	1	27.985085
Lane_str_inv	BOBJ1	203.5267	After	Interior Girder 2	11.3107	0.95	1	1	26.709408
Lane_str_inv	BOBJ1	203.5267	After	Interior Girder 3	11.3107	0.95	1	1	25.013773
Lane_str_inv	BOBJ1	203.5267	After	Interior Girder 4	11.3107	0.95	1	1	25.013773
Lane_str_inv	BOBJ1	203.5267	After	Interior Girder 5	11.3107	0.95	1	1	26.709408
Lane_str_inv	BOBJ1	203.5267	After	Interior Girder 6	11.3107	0.95	1	1	27.985085
Lane_str_inv	BOBJ1	203.5267	After	Right Exterior Girder	11.3107	0.95	1	1	40.414376
Lane_str_inv	BOBJ1	209.1433	Before	Left Exterior Girder	17.0833	0.95	1	1	40.886218
Lane_str_inv	BOBJ1	209.1433	Before	Interior Girder 1	17.0833	0.95	1	1	28.414075
Lane_str_inv	BOBJ1	209.1433	Before	Interior Girder 2	17.0833	0.95	1	1	27.116473
Lane_str_inv	BOBJ1	209.1433	Before	Interior Girder 3	17.0833	0.95	1	1	25.397736
Lane_str_inv	BOBJ1	209.1433	Before	Interior Girder 4	17.0833	0.95	1	1	25.397736
Lane_str_inv	BOBJ1	209.1433	Before	Interior Girder 5	17.0833	0.95	1	1	27.116473
Lane_str_inv	BOBJ1	209.1433	Before	Interior Girder 6	17.0833	0.95	1	1	28.414075
Lane_str_inv	BOBJ1	209.1433	Before	Right Exterior Girder	17.0833	0.95	1	1	40.886218
Lane_str_inv	BOBJ1	209.1433	After	Left Exterior Girder	17.0833	0.95	1	1	48.834582
Lane_str_inv	BOBJ1	209.1433	After	Interior Girder 1	17.0833	0.95	1	1	35.174196
Lane_str_inv	BOBJ1	209.1433	After	Interior Girder 2	17.0833	0.95	1	1	32.8086
Lane_str_inv	BOBJ1	209.1433	After	Interior Girder 3	17.0833	0.95	1	1	31.157575
Lane_str_inv	BOBJ1	209.1433	After	Interior Girder 4	17.0833	0.95	1	1	31.157575
Lane_str_inv	BOBJ1	209.1433	After	Interior Girder 5	17.0833	0.95	1	1	32.8086
Lane_str_inv	BOBJ1	209.1433	After	Interior Girder 6	17.0833	0.95	1	1	35.174196
Lane_str_inv	BOBJ1	209.1433	After	Right Exterior Girder	17.0833	0.95	1	1	48.834582
Lane_str_inv	BOBJ1	214.76	Before	Left Exterior Girder	22.7	0.95	1	1	49.386773
Lane_str_inv	BOBJ1	214.76	Before	Interior Girder 1	22.7	0.95	1	1	35.703054
Lane_str_inv	BOBJ1	214.76	Before	Interior Girder 2	22.7	0.95	1	1	33.298878
Lane_str_inv	BOBJ1	214.76	Before	Interior Girder 3	22.7	0.95	1	1	31.625769

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Approach, Span 12-1									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Lane_str_inv	BOBJ1	214.76	Before	Interior Girder 4	22.7	0.95	1	1	31.625769
Lane_str_inv	BOBJ1	214.76	Before	Interior Girder 5	22.7	0.95	1	1	33.298878
Lane_str_inv	BOBJ1	214.76	Before	Interior Girder 6	22.7	0.95	1	1	35.703054
Lane_str_inv	BOBJ1	214.76	Before	Right Exterior Girder	22.7	0.95	1	1	49.386773
Lane_str_inv	BOBJ1	214.76	After	Left Exterior Girder	22.7	0.95	1	1	81.758826
Lane_str_inv	BOBJ1	214.76	After	Interior Girder 1	22.7	0.95	1	1	40.514957
Lane_str_inv	BOBJ1	214.76	After	Interior Girder 2	22.7	0.95	1	1	41.337468
Lane_str_inv	BOBJ1	214.76	After	Interior Girder 3	22.7	0.95	1	1	38.234248
Lane_str_inv	BOBJ1	214.76	After	Interior Girder 4	22.7	0.95	1	1	38.234248
Lane_str_inv	BOBJ1	214.76	After	Interior Girder 5	22.7	0.95	1	1	41.337468
Lane_str_inv	BOBJ1	214.76	After	Interior Girder 6	22.7	0.95	1	1	40.514957
Lane_str_inv	BOBJ1	214.76	After	Right Exterior Girder	22.7	0.95	1	1	81.758826
Lane_str_inv	BOBJ1	220.3767	Before	Left Exterior Girder	28.3167	0.95	1	1	82.657016
Lane_str_inv	BOBJ1	220.3767	Before	Interior Girder 1	28.3167	0.95	1	1	41.11005
Lane_str_inv	BOBJ1	220.3767	Before	Interior Girder 2	28.3167	0.95	1	1	41.944102
Lane_str_inv	BOBJ1	220.3767	Before	Interior Girder 3	28.3167	0.95	1	1	38.79579
Lane_str_inv	BOBJ1	220.3767	Before	Interior Girder 4	28.3167	0.95	1	1	38.79579
Lane_str_inv	BOBJ1	220.3767	Before	Interior Girder 5	28.3167	0.95	1	1	41.944102
Lane_str_inv	BOBJ1	220.3767	Before	Interior Girder 6	28.3167	0.95	1	1	41.11005
Lane_str_inv	BOBJ1	220.3767	Before	Right Exterior Girder	28.3167	0.95	1	1	82.657016
Lane_str_inv	BOBJ1	220.3767	After	Left Exterior Girder	28.3167	0.95	1	1	104.205815
Lane_str_inv	BOBJ1	220.3767	After	Interior Girder 1	28.3167	0.95	1	1	53.953194
Lane_str_inv	BOBJ1	220.3767	After	Interior Girder 2	28.3167	0.95	1	1	55.515126
Lane_str_inv	BOBJ1	220.3767	After	Interior Girder 3	28.3167	0.95	1	1	51.820828
Lane_str_inv	BOBJ1	220.3767	After	Interior Girder 4	28.3167	0.95	1	1	51.820828
Lane_str_inv	BOBJ1	220.3767	After	Interior Girder 5	28.3167	0.95	1	1	55.515126
Lane_str_inv	BOBJ1	220.3767	After	Interior Girder 6	28.3167	0.95	1	1	53.953194
Lane_str_inv	BOBJ1	220.3767	After	Right Exterior Girder	28.3167	0.95	1	1	104.205815
Lane_str_inv	BOBJ1	225.9933	Before	Left Exterior Girder	33.9333	0.95	1	1	105.316937
Lane_str_inv	BOBJ1	225.9933	Before	Interior Girder 1	33.9333	0.95	1	1	54.730807
Lane_str_inv	BOBJ1	225.9933	Before	Interior Girder 2	33.9333	0.95	1	1	56.314285
Lane_str_inv	BOBJ1	225.9933	Before	Interior Girder 3	33.9333	0.95	1	1	52.56685
Lane_str_inv	BOBJ1	225.9933	Before	Interior Girder 4	33.9333	0.95	1	1	52.56685
Lane_str_inv	BOBJ1	225.9933	Before	Interior Girder 5	33.9333	0.95	1	1	56.314285
Lane_str_inv	BOBJ1	225.9933	Before	Interior Girder 6	33.9333	0.95	1	1	54.730807
Lane_str_inv	BOBJ1	225.9933	Before	Right Exterior Girder	33.9333	0.95	1	1	105.316937
Lane_str_inv	BOBJ1	225.9933	After	Left Exterior Girder	33.9333	0.95	1	1	130.35584
Lane_str_inv	BOBJ1	225.9933	After	Interior Girder 1	33.9333	0.95	1	1	57.223116
Lane_str_inv	BOBJ1	225.9933	After	Interior Girder 2	33.9333	0.95	1	1	58.706292
Lane_str_inv	BOBJ1	225.9933	After	Interior Girder 3	33.9333	0.95	1	1	54.689323
Lane_str_inv	BOBJ1	225.9933	After	Interior Girder 4	33.9333	0.95	1	1	54.689323
Lane_str_inv	BOBJ1	225.9933	After	Interior Girder 5	33.9333	0.95	1	1	58.706292
Lane_str_inv	BOBJ1	225.9933	After	Interior Girder 6	33.9333	0.95	1	1	57.223116
Lane_str_inv	BOBJ1	225.9933	After	Right Exterior Girder	33.9333	0.95	1	1	130.35584
Lane_str_inv	BOBJ1	231.61	Before	Left Exterior Girder	39.55	0.95	1	1	131.706332
Lane_str_inv	BOBJ1	231.61	Before	Interior Girder 1	39.55	0.95	1	1	56.41743
Lane_str_inv	BOBJ1	231.61	Before	Interior Girder 2	39.55	0.95	1	1	57.878615
Lane_str_inv	BOBJ1	231.61	Before	Interior Girder 3	39.55	0.95	1	1	53.917909
Lane_str_inv	BOBJ1	231.61	Before	Interior Girder 4	39.55	0.95	1	1	53.917909
Lane_str_inv	BOBJ1	231.61	Before	Interior Girder 5	39.55	0.95	1	1	57.878615
Lane_str_inv	BOBJ1	231.61	Before	Interior Girder 6	39.55	0.95	1	1	56.41743
Lane_str_inv	BOBJ1	231.61	Before	Right Exterior Girder	39.55	0.95	1	1	131.706332
Lane_str_inv	BOBJ1	231.61	After	Left Exterior Girder	39.55	0.95	1	1	65.421007
Lane_str_inv	BOBJ1	231.61	After	Interior Girder 1	39.55	0.95	1	1	49.114159
Lane_str_inv	BOBJ1	231.61	After	Interior Girder 2	39.55	0.95	1	1	45.824578
Lane_str_inv	BOBJ1	231.61	After	Interior Girder 3	39.55	0.95	1	1	45.892267
Lane_str_inv	BOBJ1	231.61	After	Interior Girder 4	39.55	0.95	1	1	45.892267
Lane_str_inv	BOBJ1	231.61	After	Interior Girder 5	39.55	0.95	1	1	45.824578
Lane_str_inv	BOBJ1	231.61	After	Interior Girder 6	39.55	0.95	1	1	49.114159
Lane_str_inv	BOBJ1	231.61	After	Right Exterior Girder	39.55	0.95	1	1	65.421007
Lane_str_inv	BOBJ1	237.37	Before	Left Exterior Girder	45.31	0.95	1	1	64.703082
Lane_str_inv	BOBJ1	237.37	Before	Interior Girder 1	45.31	0.95	1	1	48.387597
Lane_str_inv	BOBJ1	237.37	Before	Interior Girder 2	45.31	0.95	1	1	45.149904
Lane_str_inv	BOBJ1	237.37	Before	Interior Girder 3	45.31	0.95	1	1	45.214409
Lane_str_inv	BOBJ1	237.37	Before	Interior Girder 4	45.31	0.95	1	1	45.214409

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Approach, Span 12-1									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Lane_str_inv	BOBJ1	237.37	Before	Interior Girder 5	45.31	0.95	1	1	45.149904
Lane_str_inv	BOBJ1	237.37	Before	Interior Girder 6	45.31	0.95	1	1	48.387597
Lane_str_inv	BOBJ1	237.37	Before	Right Exterior Girder	45.31	0.95	1	1	64.703082
Lane_str_inv	BOBJ1	237.37	After	Left Exterior Girder	45.31	0.95	1	1	53.997268
Lane_str_inv	BOBJ1	237.37	After	Interior Girder 1	45.31	0.95	1	1	36.962776
Lane_str_inv	BOBJ1	237.37	After	Interior Girder 2	45.31	0.95	1	1	35.380382
Lane_str_inv	BOBJ1	237.37	After	Interior Girder 3	45.31	0.95	1	1	34.87676
Lane_str_inv	BOBJ1	237.37	After	Interior Girder 4	45.31	0.95	1	1	34.87676
Lane_str_inv	BOBJ1	237.37	After	Interior Girder 5	45.31	0.95	1	1	35.380382
Lane_str_inv	BOBJ1	237.37	After	Interior Girder 6	45.31	0.95	1	1	36.962776
Lane_str_inv	BOBJ1	237.37	After	Right Exterior Girder	45.31	0.95	1	1	53.997268
Lane_str_inv	BOBJ1	243.13	Before	Left Exterior Girder	51.07	0.95	1	1	53.386486
Lane_str_inv	BOBJ1	243.13	Before	Interior Girder 1	51.07	0.95	1	1	36.405
Lane_str_inv	BOBJ1	243.13	Before	Interior Girder 2	51.07	0.95	1	1	34.849117
Lane_str_inv	BOBJ1	243.13	Before	Interior Girder 3	51.07	0.95	1	1	34.350925
Lane_str_inv	BOBJ1	243.13	Before	Interior Girder 4	51.07	0.95	1	1	34.350925
Lane_str_inv	BOBJ1	243.13	Before	Interior Girder 5	51.07	0.95	1	1	34.849117
Lane_str_inv	BOBJ1	243.13	Before	Interior Girder 6	51.07	0.95	1	1	36.405
Lane_str_inv	BOBJ1	243.13	Before	Right Exterior Girder	51.07	0.95	1	1	53.386486
Lane_str_inv	BOBJ1	243.13	After	Left Exterior Girder	51.07	0.95	1	1	46.404047
Lane_str_inv	BOBJ1	243.13	After	Interior Girder 1	51.07	0.95	1	1	27.27223
Lane_str_inv	BOBJ1	243.13	After	Interior Girder 2	51.07	0.95	1	1	27.491791
Lane_str_inv	BOBJ1	243.13	After	Interior Girder 3	51.07	0.95	1	1	26.005368
Lane_str_inv	BOBJ1	243.13	After	Interior Girder 4	51.07	0.95	1	1	26.005368
Lane_str_inv	BOBJ1	243.13	After	Interior Girder 5	51.07	0.95	1	1	27.491791
Lane_str_inv	BOBJ1	243.13	After	Interior Girder 6	51.07	0.95	1	1	27.27223
Lane_str_inv	BOBJ1	243.13	After	Right Exterior Girder	51.07	0.95	1	1	46.404047
Lane_str_inv	BOBJ1	248.89	Before	Left Exterior Girder	56.83	0.95	1	1	45.861507
Lane_str_inv	BOBJ1	248.89	Before	Interior Girder 1	56.83	0.95	1	1	26.85327
Lane_str_inv	BOBJ1	248.89	Before	Interior Girder 2	56.83	0.95	1	1	27.070436
Lane_str_inv	BOBJ1	248.89	Before	Interior Girder 3	56.83	0.95	1	1	25.604887
Lane_str_inv	BOBJ1	248.89	Before	Interior Girder 4	56.83	0.95	1	1	25.604887
Lane_str_inv	BOBJ1	248.89	Before	Interior Girder 5	56.83	0.95	1	1	27.070436
Lane_str_inv	BOBJ1	248.89	Before	Interior Girder 6	56.83	0.95	1	1	26.85327
Lane_str_inv	BOBJ1	248.89	Before	Right Exterior Girder	56.83	0.95	1	1	45.861507
SU4_str	BOBJ1	0	After	Left Exterior Girder	0	0.95	1	1	12.552474
SU4_str	BOBJ1	0	After	Interior Girder 1	0	0.95	1	1	8.285997
SU4_str	BOBJ1	0	After	Interior Girder 2	0	0.95	1	1	7.649847
SU4_str	BOBJ1	0	After	Interior Girder 3	0	0.95	1	1	6.591061
SU4_str	BOBJ1	0	After	Interior Girder 4	0	0.95	1	1	6.591061
SU4_str	BOBJ1	0	After	Interior Girder 5	0	0.95	1	1	7.649847
SU4_str	BOBJ1	0	After	Interior Girder 6	0	0.95	1	1	8.285997
SU4_str	BOBJ1	0	After	Right Exterior Girder	0	0.95	1	1	12.552474
SU4_str	BOBJ1	5.85	Before	Left Exterior Girder	5.85	0.95	1	1	12.690953
SU4_str	BOBJ1	5.85	Before	Interior Girder 1	5.85	0.95	1	1	8.408958
SU4_str	BOBJ1	5.85	Before	Interior Girder 2	5.85	0.95	1	1	7.762648
SU4_str	BOBJ1	5.85	Before	Interior Girder 3	5.85	0.95	1	1	6.688957
SU4_str	BOBJ1	5.85	Before	Interior Girder 4	5.85	0.95	1	1	6.688957
SU4_str	BOBJ1	5.85	Before	Interior Girder 5	5.85	0.95	1	1	7.762648
SU4_str	BOBJ1	5.85	Before	Interior Girder 6	5.85	0.95	1	1	8.408958
SU4_str	BOBJ1	5.85	Before	Right Exterior Girder	5.85	0.95	1	1	12.690953
SU4_str	BOBJ1	5.85	After	Left Exterior Girder	5.85	0.95	1	1	16.115563
SU4_str	BOBJ1	5.85	After	Interior Girder 1	5.85	0.95	1	1	9.665605
SU4_str	BOBJ1	5.85	After	Interior Girder 2	5.85	0.95	1	1	8.955433
SU4_str	BOBJ1	5.85	After	Interior Girder 3	5.85	0.95	1	1	7.825589
SU4_str	BOBJ1	5.85	After	Interior Girder 4	5.85	0.95	1	1	7.825589
SU4_str	BOBJ1	5.85	After	Interior Girder 5	5.85	0.95	1	1	8.955433
SU4_str	BOBJ1	5.85	After	Interior Girder 6	5.85	0.95	1	1	9.665605
SU4_str	BOBJ1	5.85	After	Right Exterior Girder	5.85	0.95	1	1	16.115563
SU4_str	BOBJ1	11.4667	Before	Left Exterior Girder	11.4667	0.95	1	1	16.281042
SU4_str	BOBJ1	11.4667	Before	Interior Girder 1	11.4667	0.95	1	1	9.800407
SU4_str	BOBJ1	11.4667	Before	Interior Girder 2	11.4667	0.95	1	1	9.080049
SU4_str	BOBJ1	11.4667	Before	Interior Girder 3	11.4667	0.95	1	1	7.934651
SU4_str	BOBJ1	11.4667	Before	Interior Girder 4	11.4667	0.95	1	1	7.934651
SU4_str	BOBJ1	11.4667	Before	Interior Girder 5	11.4667	0.95	1	1	9.080049

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Approach, Span 12-1									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
SU4_str	BOBJ1	11.4667	Before	Interior Girder 6	11.4667	0.95	1	1	9.800407
SU4_str	BOBJ1	11.4667	Before	Right Exterior Girder	11.4667	0.95	1	1	16.281042
SU4_str	BOBJ1	11.4667	After	Left Exterior Girder	11.4667	0.95	1	1	19.598585
SU4_str	BOBJ1	11.4667	After	Interior Girder 1	11.4667	0.95	1	1	12.71816
SU4_str	BOBJ1	11.4667	After	Interior Girder 2	11.4667	0.95	1	1	11.640559
SU4_str	BOBJ1	11.4667	After	Interior Girder 3	11.4667	0.95	1	1	10.444696
SU4_str	BOBJ1	11.4667	After	Interior Girder 4	11.4667	0.95	1	1	10.444696
SU4_str	BOBJ1	11.4667	After	Interior Girder 5	11.4667	0.95	1	1	11.640559
SU4_str	BOBJ1	11.4667	After	Interior Girder 6	11.4667	0.95	1	1	12.71816
SU4_str	BOBJ1	11.4667	After	Right Exterior Girder	11.4667	0.95	1	1	19.598585
SU4_str	BOBJ1	17.0833	Before	Left Exterior Girder	17.0833	0.95	1	1	19.794083
SU4_str	BOBJ1	17.0833	Before	Interior Girder 1	17.0833	0.95	1	1	12.892357
SU4_str	BOBJ1	17.0833	Before	Interior Girder 2	17.0833	0.95	1	1	11.799582
SU4_str	BOBJ1	17.0833	Before	Interior Girder 3	17.0833	0.95	1	1	10.587494
SU4_str	BOBJ1	17.0833	Before	Interior Girder 4	17.0833	0.95	1	1	10.587494
SU4_str	BOBJ1	17.0833	Before	Interior Girder 5	17.0833	0.95	1	1	11.799582
SU4_str	BOBJ1	17.0833	Before	Interior Girder 6	17.0833	0.95	1	1	12.892357
SU4_str	BOBJ1	17.0833	Before	Right Exterior Girder	17.0833	0.95	1	1	19.794083
SU4_str	BOBJ1	17.0833	After	Left Exterior Girder	17.0833	0.95	1	1	25.175791
SU4_str	BOBJ1	17.0833	After	Interior Girder 1	17.0833	0.95	1	1	16.795863
SU4_str	BOBJ1	17.0833	After	Interior Girder 2	17.0833	0.95	1	1	15.360233
SU4_str	BOBJ1	17.0833	After	Interior Girder 3	17.0833	0.95	1	1	13.161603
SU4_str	BOBJ1	17.0833	After	Interior Girder 4	17.0833	0.95	1	1	13.161603
SU4_str	BOBJ1	17.0833	After	Interior Girder 5	17.0833	0.95	1	1	15.360233
SU4_str	BOBJ1	17.0833	After	Interior Girder 6	17.0833	0.95	1	1	16.795863
SU4_str	BOBJ1	17.0833	After	Right Exterior Girder	17.0833	0.95	1	1	25.175791
SU4_str	BOBJ1	22.7	Before	Left Exterior Girder	22.7	0.95	1	1	25.420058
SU4_str	BOBJ1	22.7	Before	Interior Girder 1	22.7	0.95	1	1	17.021757
SU4_str	BOBJ1	22.7	Before	Interior Girder 2	22.7	0.95	1	1	15.566271
SU4_str	BOBJ1	22.7	Before	Interior Girder 3	22.7	0.95	1	1	12.989319
SU4_str	BOBJ1	22.7	Before	Interior Girder 4	22.7	0.95	1	1	12.989319
SU4_str	BOBJ1	22.7	Before	Interior Girder 5	22.7	0.95	1	1	15.566271
SU4_str	BOBJ1	22.7	Before	Interior Girder 6	22.7	0.95	1	1	17.021757
SU4_str	BOBJ1	22.7	Before	Right Exterior Girder	22.7	0.95	1	1	25.420058
SU4_str	BOBJ1	22.7	After	Left Exterior Girder	22.7	0.95	1	1	29.716464
SU4_str	BOBJ1	22.7	After	Interior Girder 1	22.7	0.95	1	1	16.658457
SU4_str	BOBJ1	22.7	After	Interior Girder 2	22.7	0.95	1	1	14.492271
SU4_str	BOBJ1	22.7	After	Interior Girder 3	22.7	0.95	1	1	12.204986
SU4_str	BOBJ1	22.7	After	Interior Girder 4	22.7	0.95	1	1	12.204986
SU4_str	BOBJ1	22.7	After	Interior Girder 5	22.7	0.95	1	1	14.492271
SU4_str	BOBJ1	22.7	After	Interior Girder 6	22.7	0.95	1	1	16.658457
SU4_str	BOBJ1	22.7	After	Right Exterior Girder	22.7	0.95	1	1	29.716464
SU4_str	BOBJ1	28.3167	Before	Left Exterior Girder	28.3167	0.95	1	1	29.426362
SU4_str	BOBJ1	28.3167	Before	Interior Girder 1	28.3167	0.95	1	1	16.877126
SU4_str	BOBJ1	28.3167	Before	Interior Girder 2	28.3167	0.95	1	1	14.683213
SU4_str	BOBJ1	28.3167	Before	Interior Girder 3	28.3167	0.95	1	1	12.365689
SU4_str	BOBJ1	28.3167	Before	Interior Girder 4	28.3167	0.95	1	1	12.365689
SU4_str	BOBJ1	28.3167	Before	Interior Girder 5	28.3167	0.95	1	1	14.683213
SU4_str	BOBJ1	28.3167	Before	Interior Girder 6	28.3167	0.95	1	1	16.877126
SU4_str	BOBJ1	28.3167	Before	Right Exterior Girder	28.3167	0.95	1	1	29.426362
SU4_str	BOBJ1	28.3167	After	Left Exterior Girder	28.3167	0.95	1	1	21.682288
SU4_str	BOBJ1	28.3167	After	Interior Girder 1	28.3167	0.95	1	1	13.105626
SU4_str	BOBJ1	28.3167	After	Interior Girder 2	28.3167	0.95	1	1	11.954308
SU4_str	BOBJ1	28.3167	After	Interior Girder 3	28.3167	0.95	1	1	10.236718
SU4_str	BOBJ1	28.3167	After	Interior Girder 4	28.3167	0.95	1	1	10.236718
SU4_str	BOBJ1	28.3167	After	Interior Girder 5	28.3167	0.95	1	1	11.954308
SU4_str	BOBJ1	28.3167	After	Interior Girder 6	28.3167	0.95	1	1	13.105626
SU4_str	BOBJ1	28.3167	After	Right Exterior Girder	28.3167	0.95	1	1	21.682288
SU4_str	BOBJ1	33.9333	Before	Left Exterior Girder	33.9333	0.95	1	1	21.464605
SU4_str	BOBJ1	33.9333	Before	Interior Girder 1	33.9333	0.95	1	1	12.927075
SU4_str	BOBJ1	33.9333	Before	Interior Girder 2	33.9333	0.95	1	1	11.792031
SU4_str	BOBJ1	33.9333	Before	Interior Girder 3	33.9333	0.95	1	1	10.097606
SU4_str	BOBJ1	33.9333	Before	Interior Girder 4	33.9333	0.95	1	1	10.097606
SU4_str	BOBJ1	33.9333	Before	Interior Girder 5	33.9333	0.95	1	1	11.792031
SU4_str	BOBJ1	33.9333	Before	Interior Girder 6	33.9333	0.95	1	1	12.927075

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Approach, Span 12-1									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
SU4_str	BOBJ1	33.9333	Before	Right Exterior Girder	33.9333	0.95	1	1	21.464605
SU4_str	BOBJ1	33.9333	After	Left Exterior Girder	33.9333	0.95	1	1	17.517571
SU4_str	BOBJ1	33.9333	After	Interior Girder 1	33.9333	0.95	1	1	10.114799
SU4_str	BOBJ1	33.9333	After	Interior Girder 2	33.9333	0.95	1	1	9.237919
SU4_str	BOBJ1	33.9333	After	Interior Girder 3	33.9333	0.95	1	1	7.913476
SU4_str	BOBJ1	33.9333	After	Interior Girder 4	33.9333	0.95	1	1	7.913476
SU4_str	BOBJ1	33.9333	After	Interior Girder 5	33.9333	0.95	1	1	9.237919
SU4_str	BOBJ1	33.9333	After	Interior Girder 6	33.9333	0.95	1	1	10.114799
SU4_str	BOBJ1	33.9333	After	Right Exterior Girder	33.9333	0.95	1	1	17.517571
SU4_str	BOBJ1	39.55	Before	Left Exterior Girder	39.55	0.95	1	1	17.336466
SU4_str	BOBJ1	39.55	Before	Interior Girder 1	39.55	0.95	1	1	9.974529
SU4_str	BOBJ1	39.55	Before	Interior Girder 2	39.55	0.95	1	1	9.110215
SU4_str	BOBJ1	39.55	Before	Interior Girder 3	39.55	0.95	1	1	7.803843
SU4_str	BOBJ1	39.55	Before	Interior Girder 4	39.55	0.95	1	1	7.803843
SU4_str	BOBJ1	39.55	Before	Interior Girder 5	39.55	0.95	1	1	9.110215
SU4_str	BOBJ1	39.55	Before	Interior Girder 6	39.55	0.95	1	1	9.974529
SU4_str	BOBJ1	39.55	Before	Right Exterior Girder	39.55	0.95	1	1	17.336466
SU4_str	BOBJ1	39.55	After	Left Exterior Girder	39.55	0.95	1	1	13.031551
SU4_str	BOBJ1	39.55	After	Interior Girder 1	39.55	0.95	1	1	9.705313
SU4_str	BOBJ1	39.55	After	Interior Girder 2	39.55	0.95	1	1	8.872678
SU4_str	BOBJ1	39.55	After	Interior Girder 3	39.55	0.95	1	1	7.885168
SU4_str	BOBJ1	39.55	After	Interior Girder 4	39.55	0.95	1	1	7.885168
SU4_str	BOBJ1	39.55	After	Interior Girder 5	39.55	0.95	1	1	8.872678
SU4_str	BOBJ1	39.55	After	Interior Girder 6	39.55	0.95	1	1	9.705313
SU4_str	BOBJ1	39.55	After	Right Exterior Girder	39.55	0.95	1	1	13.031551
SU4_str	BOBJ1	45.1733	Before	Left Exterior Girder	45.1226	0.95	1	1	12.892528
SU4_str	BOBJ1	45.1733	Before	Interior Girder 1	45.1226	0.95	1	1	9.56783
SU4_str	BOBJ1	45.1733	Before	Interior Girder 2	45.1226	0.95	1	1	8.747927
SU4_str	BOBJ1	45.1733	Before	Interior Girder 3	45.1226	0.95	1	1	7.773194
SU4_str	BOBJ1	45.1733	Before	Interior Girder 4	45.1226	0.95	1	1	7.773194
SU4_str	BOBJ1	45.1733	Before	Interior Girder 5	45.1226	0.95	1	1	8.747927
SU4_str	BOBJ1	45.1733	Before	Interior Girder 6	45.1226	0.95	1	1	9.56783
SU4_str	BOBJ1	45.1733	Before	Right Exterior Girder	45.1226	0.95	1	1	12.892528
SU4_str	BOBJ1	45.1733	After	Left Exterior Girder	45.1226	0.95	1	1	9.575016
SU4_str	BOBJ1	45.1733	After	Interior Girder 1	45.1226	0.95	1	1	6.622707
SU4_str	BOBJ1	45.1733	After	Interior Girder 2	45.1226	0.95	1	1	6.098849
SU4_str	BOBJ1	45.1733	After	Interior Girder 3	45.1226	0.95	1	1	5.178394
SU4_str	BOBJ1	45.1733	After	Interior Girder 4	45.1226	0.95	1	1	5.178394
SU4_str	BOBJ1	45.1733	After	Interior Girder 5	45.1226	0.95	1	1	6.098849
SU4_str	BOBJ1	45.1733	After	Interior Girder 6	45.1226	0.95	1	1	6.622707
SU4_str	BOBJ1	45.1733	After	Right Exterior Girder	45.1226	0.95	1	1	9.575016
SU4_str	BOBJ1	49.2561	Before	Left Exterior Girder	49.2561	0.95	1	1	9.486454
SU4_str	BOBJ1	49.2561	Before	Right Exterior Girder	49.2561	0.95	1	1	9.486454
SU4_str	BOBJ1	49.2561	After	Left Exterior Girder	49.2561	0.95	1	1	8.220701
SU4_str	BOBJ1	49.2561	After	Right Exterior Girder	49.2561	0.95	1	1	8.220701
SU4_str	BOBJ1	50.7967	Before	Left Exterior Girder	50.7967	0.95	1	1	8.188325
SU4_str	BOBJ1	50.7967	Before	Interior Girder 1	50.7967	0.95	1	1	5.412301
SU4_str	BOBJ1	50.7967	Before	Interior Girder 2	50.7967	0.95	1	1	5.998581
SU4_str	BOBJ1	50.7967	Before	Interior Girder 3	50.7967	0.95	1	1	5.091957
SU4_str	BOBJ1	50.7967	Before	Interior Girder 4	50.7967	0.95	1	1	5.091957
SU4_str	BOBJ1	50.7967	Before	Interior Girder 5	50.7967	0.95	1	1	5.998581
SU4_str	BOBJ1	50.7967	Before	Interior Girder 6	50.7967	0.95	1	1	5.412301
SU4_str	BOBJ1	50.7967	Before	Right Exterior Girder	50.7967	0.95	1	1	8.188325
SU4_str	BOBJ1	50.7967	After	Left Exterior Girder	50.7967	0.95	1	1	8.61509
SU4_str	BOBJ1	50.7967	After	Interior Girder 1	50.7967	0.95	1	1	4.577789
SU4_str	BOBJ1	50.7967	After	Interior Girder 2	50.7967	0.95	1	1	4.673888
SU4_str	BOBJ1	50.7967	After	Interior Girder 3	50.7967	0.95	1	1	3.723401
SU4_str	BOBJ1	50.7967	After	Interior Girder 4	50.7967	0.95	1	1	3.723401
SU4_str	BOBJ1	50.7967	After	Interior Girder 5	50.7967	0.95	1	1	4.673888
SU4_str	BOBJ1	50.7967	After	Interior Girder 6	50.7967	0.95	1	1	4.577789
SU4_str	BOBJ1	50.7967	After	Right Exterior Girder	50.7967	0.95	1	1	8.61509
SU4_str	BOBJ1	51.3989	Before	Interior Girder 1	51.3989	0.95	1	1	4.569305
SU4_str	BOBJ1	51.3989	Before	Interior Girder 2	51.3989	0.95	1	1	4.665502
SU4_str	BOBJ1	51.3989	Before	Interior Girder 3	51.3989	0.95	1	1	3.71659
SU4_str	BOBJ1	51.3989	Before	Interior Girder 4	51.3989	0.95	1	1	3.71659

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Approach, Span 12-1									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
SU4_str	BOBJ1	51.3989	Before	Interior Girder 5	51.3989	0.95	1	1	4.665502
SU4_str	BOBJ1	51.3989	Before	Interior Girder 6	51.3989	0.95	1	1	4.569305
SU4_str	BOBJ1	51.3989	After	Interior Girder 1	51.3989	0.95	1	1	5.354014
SU4_str	BOBJ1	51.3989	After	Interior Girder 2	51.3989	0.95	1	1	4.952836
SU4_str	BOBJ1	51.3989	After	Interior Girder 3	51.3989	0.95	1	1	4.007872
SU4_str	BOBJ1	51.3989	After	Interior Girder 4	51.3989	0.95	1	1	4.007872
SU4_str	BOBJ1	51.3989	After	Interior Girder 5	51.3989	0.95	1	1	4.952836
SU4_str	BOBJ1	51.3989	After	Interior Girder 6	51.3989	0.95	1	1	5.354014
SU4_str	BOBJ1	56.42	Before	Left Exterior Girder	56.42	0.95	1	1	8.790216
SU4_str	BOBJ1	56.42	Before	Interior Girder 1	56.42	0.95	1	1	5.269014
SU4_str	BOBJ1	56.42	Before	Interior Girder 2	56.42	0.95	1	1	4.874846
SU4_str	BOBJ1	56.42	Before	Interior Girder 3	56.42	0.95	1	1	3.943406
SU4_str	BOBJ1	56.42	Before	Interior Girder 4	56.42	0.95	1	1	3.943406
SU4_str	BOBJ1	56.42	Before	Interior Girder 5	56.42	0.95	1	1	4.874846
SU4_str	BOBJ1	56.42	Before	Interior Girder 6	56.42	0.95	1	1	5.269014
SU4_str	BOBJ1	56.42	Before	Right Exterior Girder	56.42	0.95	1	1	8.790216
SU4_str	BOBJ1	56.42	After	Left Exterior Girder	0	0.95	1	1	8.731976
SU4_str	BOBJ1	56.42	After	Interior Girder 1	0	0.95	1	1	5.375144
SU4_str	BOBJ1	56.42	After	Interior Girder 2	0	0.95	1	1	4.957647
SU4_str	BOBJ1	56.42	After	Interior Girder 3	0	0.95	1	1	4.012668
SU4_str	BOBJ1	56.42	After	Interior Girder 4	0	0.95	1	1	4.012668
SU4_str	BOBJ1	56.42	After	Interior Girder 5	0	0.95	1	1	4.957647
SU4_str	BOBJ1	56.42	After	Interior Girder 6	0	0.95	1	1	5.375144
SU4_str	BOBJ1	56.42	After	Right Exterior Girder	0	0.95	1	1	8.731976
SU4_str	BOBJ1	62.0367	Before	Left Exterior Girder	5.6167	0.95	1	1	8.864776
SU4_str	BOBJ1	62.0367	Before	Interior Girder 1	5.6167	0.95	1	1	5.471211
SU4_str	BOBJ1	62.0367	Before	Interior Girder 2	5.6167	0.95	1	1	5.045602
SU4_str	BOBJ1	62.0367	Before	Interior Girder 3	5.6167	0.95	1	1	4.085419
SU4_str	BOBJ1	62.0367	Before	Interior Girder 4	5.6167	0.95	1	1	4.085419
SU4_str	BOBJ1	62.0367	Before	Interior Girder 5	5.6167	0.95	1	1	5.045602
SU4_str	BOBJ1	62.0367	Before	Interior Girder 6	5.6167	0.95	1	1	5.471211
SU4_str	BOBJ1	62.0367	Before	Right Exterior Girder	5.6167	0.95	1	1	8.864776
SU4_str	BOBJ1	62.0367	After	Left Exterior Girder	5.6167	0.95	1	1	13.022645
SU4_str	BOBJ1	62.0367	After	Interior Girder 1	5.6167	0.95	1	1	5.116073
SU4_str	BOBJ1	62.0367	After	Interior Girder 2	5.6167	0.95	1	1	5.676484
SU4_str	BOBJ1	62.0367	After	Interior Girder 3	5.6167	0.95	1	1	4.72564
SU4_str	BOBJ1	62.0367	After	Interior Girder 4	5.6167	0.95	1	1	4.72564
SU4_str	BOBJ1	62.0367	After	Interior Girder 5	5.6167	0.95	1	1	5.676484
SU4_str	BOBJ1	62.0367	After	Interior Girder 6	5.6167	0.95	1	1	5.116073
SU4_str	BOBJ1	62.0367	After	Right Exterior Girder	5.6167	0.95	1	1	13.022645
SU4_str	BOBJ1	62.4203	Before	Interior Girder 1	6.0003	0.95	1	1	5.122336
SU4_str	BOBJ1	62.4203	Before	Interior Girder 2	6.0003	0.95	1	1	5.68323
SU4_str	BOBJ1	62.4203	Before	Interior Girder 3	6.0003	0.95	1	1	4.731367
SU4_str	BOBJ1	62.4203	Before	Interior Girder 4	6.0003	0.95	1	1	4.731367
SU4_str	BOBJ1	62.4203	Before	Interior Girder 5	6.0003	0.95	1	1	5.68323
SU4_str	BOBJ1	62.4203	Before	Interior Girder 6	6.0003	0.95	1	1	5.122336
SU4_str	BOBJ1	62.4203	After	Interior Girder 1	6.0003	0.95	1	1	5.145257
SU4_str	BOBJ1	62.4203	After	Interior Girder 2	6.0003	0.95	1	1	6.084989
SU4_str	BOBJ1	62.4203	After	Interior Girder 3	6.0003	0.95	1	1	5.184186
SU4_str	BOBJ1	62.4203	After	Interior Girder 4	6.0003	0.95	1	1	5.184186
SU4_str	BOBJ1	62.4203	After	Interior Girder 5	6.0003	0.95	1	1	6.084989
SU4_str	BOBJ1	62.4203	After	Interior Girder 6	6.0003	0.95	1	1	5.145257
SU4_str	BOBJ1	64.9204	Before	Left Exterior Girder	8.5004	0.95	1	1	9.176121
SU4_str	BOBJ1	64.9204	Before	Right Exterior Girder	8.5004	0.95	1	1	9.176121
SU4_str	BOBJ1	64.9204	After	Left Exterior Girder	8.5004	0.95	1	1	9.285919
SU4_str	BOBJ1	64.9204	After	Right Exterior Girder	8.5004	0.95	1	1	9.285919
SU4_str	BOBJ1	67.6533	Before	Left Exterior Girder	11.2333	0.95	1	1	9.342457
SU4_str	BOBJ1	67.6533	Before	Interior Girder 1	11.2333	0.95	1	1	6.782609
SU4_str	BOBJ1	67.6533	Before	Interior Girder 2	11.2333	0.95	1	1	6.178724
SU4_str	BOBJ1	67.6533	Before	Interior Girder 3	11.2333	0.95	1	1	5.265319
SU4_str	BOBJ1	67.6533	Before	Interior Girder 4	11.2333	0.95	1	1	5.265319
SU4_str	BOBJ1	67.6533	Before	Interior Girder 5	11.2333	0.95	1	1	6.178724
SU4_str	BOBJ1	67.6533	Before	Interior Girder 6	11.2333	0.95	1	1	6.782609
SU4_str	BOBJ1	67.6533	Before	Right Exterior Girder	11.2333	0.95	1	1	9.342457
SU4_str	BOBJ1	67.6533	After	Left Exterior Girder	11.2333	0.95	1	1	10.503356

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Approach, Span 12-1									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
SU4_str	BOBJ1	67.6533	After	Interior Girder 1	11.2333	0.95	1	1	8.125248
SU4_str	BOBJ1	67.6533	After	Interior Girder 2	11.2333	0.95	1	1	7.452094
SU4_str	BOBJ1	67.6533	After	Interior Girder 3	11.2333	0.95	1	1	6.671812
SU4_str	BOBJ1	67.6533	After	Interior Girder 4	11.2333	0.95	1	1	6.671812
SU4_str	BOBJ1	67.6533	After	Interior Girder 5	11.2333	0.95	1	1	7.452094
SU4_str	BOBJ1	67.6533	After	Interior Girder 6	11.2333	0.95	1	1	8.125248
SU4_str	BOBJ1	67.6533	After	Right Exterior Girder	11.2333	0.95	1	1	10.503356
SU4_str	BOBJ1	73.27	Before	Left Exterior Girder	16.85	0.95	1	1	10.630805
SU4_str	BOBJ1	73.27	Before	Interior Girder 1	16.85	0.95	1	1	8.258021
SU4_str	BOBJ1	73.27	Before	Interior Girder 2	16.85	0.95	1	1	7.572896
SU4_str	BOBJ1	73.27	Before	Interior Girder 3	16.85	0.95	1	1	6.781325
SU4_str	BOBJ1	73.27	Before	Interior Girder 4	16.85	0.95	1	1	6.781325
SU4_str	BOBJ1	73.27	Before	Interior Girder 5	16.85	0.95	1	1	7.572896
SU4_str	BOBJ1	73.27	Before	Interior Girder 6	16.85	0.95	1	1	8.258021
SU4_str	BOBJ1	73.27	Before	Right Exterior Girder	16.85	0.95	1	1	10.630805
SU4_str	BOBJ1	73.27	After	Left Exterior Girder	16.85	0.95	1	1	14.095688
SU4_str	BOBJ1	73.27	After	Interior Girder 1	16.85	0.95	1	1	8.450185
SU4_str	BOBJ1	73.27	After	Interior Girder 2	16.85	0.95	1	1	7.80287
SU4_str	BOBJ1	73.27	After	Interior Girder 3	16.85	0.95	1	1	6.728241
SU4_str	BOBJ1	73.27	After	Interior Girder 4	16.85	0.95	1	1	6.728241
SU4_str	BOBJ1	73.27	After	Interior Girder 5	16.85	0.95	1	1	7.80287
SU4_str	BOBJ1	73.27	After	Interior Girder 6	16.85	0.95	1	1	8.450185
SU4_str	BOBJ1	73.27	After	Right Exterior Girder	16.85	0.95	1	1	14.095688
SU4_str	BOBJ1	78.8867	Before	Left Exterior Girder	22.4667	0.95	1	1	14.260647
SU4_str	BOBJ1	78.8867	Before	Interior Girder 1	22.4667	0.95	1	1	8.585107
SU4_str	BOBJ1	78.8867	Before	Interior Girder 2	22.4667	0.95	1	1	7.927112
SU4_str	BOBJ1	78.8867	Before	Interior Girder 3	22.4667	0.95	1	1	6.835681
SU4_str	BOBJ1	78.8867	Before	Interior Girder 4	22.4667	0.95	1	1	6.835681
SU4_str	BOBJ1	78.8867	Before	Interior Girder 5	22.4667	0.95	1	1	7.927112
SU4_str	BOBJ1	78.8867	Before	Interior Girder 6	22.4667	0.95	1	1	8.585107
SU4_str	BOBJ1	78.8867	Before	Right Exterior Girder	22.4667	0.95	1	1	14.260647
SU4_str	BOBJ1	78.8867	After	Left Exterior Girder	22.4667	0.95	1	1	16.878941
SU4_str	BOBJ1	78.8867	After	Interior Girder 1	22.4667	0.95	1	1	10.848314
SU4_str	BOBJ1	78.8867	After	Interior Girder 2	22.4667	0.95	1	1	9.992888
SU4_str	BOBJ1	78.8867	After	Interior Girder 3	22.4667	0.95	1	1	8.741556
SU4_str	BOBJ1	78.8867	After	Interior Girder 4	22.4667	0.95	1	1	8.741556
SU4_str	BOBJ1	78.8867	After	Interior Girder 5	22.4667	0.95	1	1	9.992888
SU4_str	BOBJ1	78.8867	After	Interior Girder 6	22.4667	0.95	1	1	10.848314
SU4_str	BOBJ1	78.8867	After	Right Exterior Girder	22.4667	0.95	1	1	16.878941
SU4_str	BOBJ1	84.5033	Before	Left Exterior Girder	28.0833	0.95	1	1	17.069785
SU4_str	BOBJ1	84.5033	Before	Interior Girder 1	28.0833	0.95	1	1	11.018013
SU4_str	BOBJ1	84.5033	Before	Interior Girder 2	28.0833	0.95	1	1	10.14868
SU4_str	BOBJ1	84.5033	Before	Interior Girder 3	28.0833	0.95	1	1	8.878054
SU4_str	BOBJ1	84.5033	Before	Interior Girder 4	28.0833	0.95	1	1	8.878054
SU4_str	BOBJ1	84.5033	Before	Interior Girder 5	28.0833	0.95	1	1	10.14868
SU4_str	BOBJ1	84.5033	Before	Interior Girder 6	28.0833	0.95	1	1	11.018013
SU4_str	BOBJ1	84.5033	Before	Right Exterior Girder	28.0833	0.95	1	1	17.069785
SU4_str	BOBJ1	84.5033	After	Left Exterior Girder	28.0833	0.95	1	1	21.526605
SU4_str	BOBJ1	84.5033	After	Interior Girder 1	28.0833	0.95	1	1	14.150079
SU4_str	BOBJ1	84.5033	After	Interior Girder 2	28.0833	0.95	1	1	12.226913
SU4_str	BOBJ1	84.5033	After	Interior Girder 3	28.0833	0.95	1	1	10.29827
SU4_str	BOBJ1	84.5033	After	Interior Girder 4	28.0833	0.95	1	1	10.29827
SU4_str	BOBJ1	84.5033	After	Interior Girder 5	28.0833	0.95	1	1	12.226913
SU4_str	BOBJ1	84.5033	After	Interior Girder 6	28.0833	0.95	1	1	14.150079
SU4_str	BOBJ1	84.5033	After	Right Exterior Girder	28.0833	0.95	1	1	21.526605
SU4_str	BOBJ1	90.12	Before	Left Exterior Girder	33.7	0.95	1	1	21.762139
SU4_str	BOBJ1	90.12	Before	Interior Girder 1	33.7	0.95	1	1	13.95252
SU4_str	BOBJ1	90.12	Before	Interior Girder 2	33.7	0.95	1	1	12.04654
SU4_str	BOBJ1	90.12	Before	Interior Girder 3	33.7	0.95	1	1	10.14649
SU4_str	BOBJ1	90.12	Before	Interior Girder 4	33.7	0.95	1	1	10.14649
SU4_str	BOBJ1	90.12	Before	Interior Girder 5	33.7	0.95	1	1	12.04654
SU4_str	BOBJ1	90.12	Before	Interior Girder 6	33.7	0.95	1	1	13.95252
SU4_str	BOBJ1	90.12	Before	Right Exterior Girder	33.7	0.95	1	1	21.762139
SU4_str	BOBJ1	90.12	After	Left Exterior Girder	33.7	0.95	1	1	22.405836
SU4_str	BOBJ1	90.12	After	Interior Girder 1	33.7	0.95	1	1	13.867463

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Approach, Span 12-1									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
SU4_str	BOBJ1	90.12	After	Interior Girder 2	33.7	0.95	1	1	11.994078
SU4_str	BOBJ1	90.12	After	Interior Girder 3	33.7	0.95	1	1	10.12366
SU4_str	BOBJ1	90.12	After	Interior Girder 4	33.7	0.95	1	1	10.12366
SU4_str	BOBJ1	90.12	After	Interior Girder 5	33.7	0.95	1	1	11.994078
SU4_str	BOBJ1	90.12	After	Interior Girder 6	33.7	0.95	1	1	13.867463
SU4_str	BOBJ1	90.12	After	Right Exterior Girder	33.7	0.95	1	1	22.405836
SU4_str	BOBJ1	95.7367	Before	Left Exterior Girder	39.3167	0.95	1	1	22.163382
SU4_str	BOBJ1	95.7367	Before	Interior Girder 1	39.3167	0.95	1	1	14.074273
SU4_str	BOBJ1	95.7367	Before	Interior Girder 2	39.3167	0.95	1	1	12.173554
SU4_str	BOBJ1	95.7367	Before	Interior Girder 3	39.3167	0.95	1	1	10.274982
SU4_str	BOBJ1	95.7367	Before	Interior Girder 4	39.3167	0.95	1	1	10.274982
SU4_str	BOBJ1	95.7367	Before	Interior Girder 5	39.3167	0.95	1	1	12.173554
SU4_str	BOBJ1	95.7367	Before	Interior Girder 6	39.3167	0.95	1	1	14.074273
SU4_str	BOBJ1	95.7367	Before	Right Exterior Girder	39.3167	0.95	1	1	22.163382
SU4_str	BOBJ1	95.7367	After	Left Exterior Girder	39.3167	0.95	1	1	17.502943
SU4_str	BOBJ1	95.7367	After	Interior Girder 1	39.3167	0.95	1	1	11.133906
SU4_str	BOBJ1	95.7367	After	Interior Girder 2	39.3167	0.95	1	1	10.270863
SU4_str	BOBJ1	95.7367	After	Interior Girder 3	39.3167	0.95	1	1	8.909764
SU4_str	BOBJ1	95.7367	After	Interior Girder 4	39.3167	0.95	1	1	8.909764
SU4_str	BOBJ1	95.7367	After	Interior Girder 5	39.3167	0.95	1	1	10.270863
SU4_str	BOBJ1	95.7367	After	Interior Girder 6	39.3167	0.95	1	1	11.133906
SU4_str	BOBJ1	95.7367	After	Right Exterior Girder	39.3167	0.95	1	1	17.502943
SU4_str	BOBJ1	101.3533	Before	Left Exterior Girder	44.9333	0.95	1	1	17.307295
SU4_str	BOBJ1	101.3533	Before	Interior Girder 1	44.9333	0.95	1	1	10.962353
SU4_str	BOBJ1	101.3533	Before	Interior Girder 2	44.9333	0.95	1	1	10.113094
SU4_str	BOBJ1	101.3533	Before	Interior Girder 3	44.9333	0.95	1	1	8.77267
SU4_str	BOBJ1	101.3533	Before	Interior Girder 4	44.9333	0.95	1	1	8.77267
SU4_str	BOBJ1	101.3533	Before	Interior Girder 5	44.9333	0.95	1	1	10.113094
SU4_str	BOBJ1	101.3533	Before	Interior Girder 6	44.9333	0.95	1	1	10.962353
SU4_str	BOBJ1	101.3533	Before	Right Exterior Girder	44.9333	0.95	1	1	17.307295
SU4_str	BOBJ1	101.3533	After	Left Exterior Girder	44.9333	0.95	1	1	14.568777
SU4_str	BOBJ1	101.3533	After	Interior Girder 1	44.9333	0.95	1	1	8.654718
SU4_str	BOBJ1	101.3533	After	Interior Girder 2	44.9333	0.95	1	1	7.970718
SU4_str	BOBJ1	101.3533	After	Interior Girder 3	44.9333	0.95	1	1	6.851058
SU4_str	BOBJ1	101.3533	After	Interior Girder 4	44.9333	0.95	1	1	6.851058
SU4_str	BOBJ1	101.3533	After	Interior Girder 5	44.9333	0.95	1	1	7.970718
SU4_str	BOBJ1	101.3533	After	Interior Girder 6	44.9333	0.95	1	1	8.654718
SU4_str	BOBJ1	101.3533	After	Right Exterior Girder	44.9333	0.95	1	1	14.568777
SU4_str	BOBJ1	106.97	Before	Left Exterior Girder	50.55	0.95	1	1	14.40029
SU4_str	BOBJ1	106.97	Before	Interior Girder 1	50.55	0.95	1	1	8.518648
SU4_str	BOBJ1	106.97	Before	Interior Girder 2	50.55	0.95	1	1	7.845706
SU4_str	BOBJ1	106.97	Before	Interior Girder 3	50.55	0.95	1	1	6.743289
SU4_str	BOBJ1	106.97	Before	Interior Girder 4	50.55	0.95	1	1	6.743289
SU4_str	BOBJ1	106.97	Before	Interior Girder 5	50.55	0.95	1	1	7.845706
SU4_str	BOBJ1	106.97	Before	Interior Girder 6	50.55	0.95	1	1	8.518648
SU4_str	BOBJ1	106.97	Before	Right Exterior Girder	50.55	0.95	1	1	14.40029
SU4_str	BOBJ1	106.97	After	Left Exterior Girder	50.55	0.95	1	1	10.810183
SU4_str	BOBJ1	106.97	After	Interior Girder 1	50.55	0.95	1	1	8.352875
SU4_str	BOBJ1	106.97	After	Interior Girder 2	50.55	0.95	1	1	7.653753
SU4_str	BOBJ1	106.97	After	Interior Girder 3	50.55	0.95	1	1	6.830527
SU4_str	BOBJ1	106.97	After	Interior Girder 4	50.55	0.95	1	1	6.830527
SU4_str	BOBJ1	106.97	After	Interior Girder 5	50.55	0.95	1	1	7.653753
SU4_str	BOBJ1	106.97	After	Interior Girder 6	50.55	0.95	1	1	8.352875
SU4_str	BOBJ1	106.97	After	Right Exterior Girder	50.55	0.95	1	1	10.810183
SU4_str	BOBJ1	112.5933	Before	Left Exterior Girder	56.1733	0.95	1	1	10.680473
SU4_str	BOBJ1	112.5933	Before	Interior Girder 1	56.1733	0.95	1	1	8.218367
SU4_str	BOBJ1	112.5933	Before	Interior Girder 2	56.1733	0.95	1	1	7.531402
SU4_str	BOBJ1	112.5933	Before	Interior Girder 3	56.1733	0.95	1	1	6.720004
SU4_str	BOBJ1	112.5933	Before	Interior Girder 4	56.1733	0.95	1	1	6.720004
SU4_str	BOBJ1	112.5933	Before	Interior Girder 5	56.1733	0.95	1	1	7.531402
SU4_str	BOBJ1	112.5933	Before	Interior Girder 6	56.1733	0.95	1	1	8.218367
SU4_str	BOBJ1	112.5933	Before	Right Exterior Girder	56.1733	0.95	1	1	10.680473
SU4_str	BOBJ1	112.5933	After	Left Exterior Girder	56.1733	0.95	1	1	9.528795
SU4_str	BOBJ1	112.5933	After	Interior Girder 1	56.1733	0.95	1	1	6.802959
SU4_str	BOBJ1	112.5933	After	Interior Girder 2	56.1733	0.95	1	1	6.224413

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Approach, Span 12-1									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
SU4_str	BOBJ1	112.5933	After	Interior Girder 3	56.1733	0.95	1	1	5.297175
SU4_str	BOBJ1	112.5933	After	Interior Girder 4	56.1733	0.95	1	1	5.297175
SU4_str	BOBJ1	112.5933	After	Interior Girder 5	56.1733	0.95	1	1	6.224413
SU4_str	BOBJ1	112.5933	After	Interior Girder 6	56.1733	0.95	1	1	6.802959
SU4_str	BOBJ1	112.5933	After	Right Exterior Girder	56.1733	0.95	1	1	9.528795
SU4_str	BOBJ1	115.3396	Before	Left Exterior Girder	58.9196	0.95	1	1	9.470886
SU4_str	BOBJ1	115.3396	Before	Right Exterior Girder	58.9196	0.95	1	1	9.470886
SU4_str	BOBJ1	115.3396	After	Left Exterior Girder	58.9196	0.95	1	1	9.008459
SU4_str	BOBJ1	115.3396	After	Right Exterior Girder	58.9196	0.95	1	1	9.008459
SU4_str	BOBJ1	118.2167	Before	Left Exterior Girder	61.7967	0.95	1	1	8.941171
SU4_str	BOBJ1	118.2167	Before	Interior Girder 1	61.9198	0.95	1	1	6.777031
SU4_str	BOBJ1	118.2167	Before	Interior Girder 2	61.9198	0.95	1	1	6.122819
SU4_str	BOBJ1	118.2167	Before	Interior Girder 3	61.9198	0.95	1	1	5.209371
SU4_str	BOBJ1	118.2167	Before	Interior Girder 4	61.9198	0.95	1	1	5.209371
SU4_str	BOBJ1	118.2167	Before	Interior Girder 5	61.9198	0.95	1	1	6.122819
SU4_str	BOBJ1	118.2167	Before	Interior Girder 6	61.9198	0.95	1	1	6.777031
SU4_str	BOBJ1	118.2167	Before	Right Exterior Girder	61.7967	0.95	1	1	8.941171
SU4_str	BOBJ1	118.2167	After	Left Exterior Girder	61.7967	0.95	1	1	8.945944
SU4_str	BOBJ1	118.2167	After	Interior Girder 1	61.9198	0.95	1	1	5.496547
SU4_str	BOBJ1	118.2167	After	Interior Girder 2	61.9198	0.95	1	1	5.055817
SU4_str	BOBJ1	118.2167	After	Interior Girder 3	61.9198	0.95	1	1	4.093219
SU4_str	BOBJ1	118.2167	After	Interior Girder 4	61.9198	0.95	1	1	4.093219
SU4_str	BOBJ1	118.2167	After	Interior Girder 5	61.9198	0.95	1	1	5.055817
SU4_str	BOBJ1	118.2167	After	Interior Girder 6	61.9198	0.95	1	1	5.496547
SU4_str	BOBJ1	118.2167	After	Right Exterior Girder	61.7967	0.95	1	1	8.945944
SU4_str	BOBJ1	123.84	Before	Left Exterior Girder	67.42	0.95	1	1	8.811839
SU4_str	BOBJ1	123.84	Before	Interior Girder 1	67.42	0.95	1	1	5.399875
SU4_str	BOBJ1	123.84	Before	Interior Girder 2	67.42	0.95	1	1	4.967477
SU4_str	BOBJ1	123.84	Before	Interior Girder 3	67.42	0.95	1	1	4.020186
SU4_str	BOBJ1	123.84	Before	Interior Girder 4	67.42	0.95	1	1	4.020186
SU4_str	BOBJ1	123.84	Before	Interior Girder 5	67.42	0.95	1	1	4.967477
SU4_str	BOBJ1	123.84	Before	Interior Girder 6	67.42	0.95	1	1	5.399875
SU4_str	BOBJ1	123.84	Before	Right Exterior Girder	67.42	0.95	1	1	8.811839
SU4_str	BOBJ1	123.84	After	Left Exterior Girder	0	0.95	1	1	8.857064
SU4_str	BOBJ1	123.84	After	Interior Girder 1	0	0.95	1	1	5.472217
SU4_str	BOBJ1	123.84	After	Interior Girder 2	0	0.95	1	1	5.035042
SU4_str	BOBJ1	123.84	After	Interior Girder 3	0	0.95	1	1	4.049409
SU4_str	BOBJ1	123.84	After	Interior Girder 4	0	0.95	1	1	4.049409
SU4_str	BOBJ1	123.84	After	Interior Girder 5	0	0.95	1	1	5.035042
SU4_str	BOBJ1	123.84	After	Interior Girder 6	0	0.95	1	1	5.472217
SU4_str	BOBJ1	123.84	After	Right Exterior Girder	0	0.95	1	1	8.857064
SU4_str	BOBJ1	129.34	Before	Interior Girder 1	5.5	0.95	1	1	5.56814
SU4_str	BOBJ1	129.34	Before	Interior Girder 2	5.5	0.95	1	1	5.122615
SU4_str	BOBJ1	129.34	Before	Interior Girder 3	5.5	0.95	1	1	4.121532
SU4_str	BOBJ1	129.34	Before	Interior Girder 4	5.5	0.95	1	1	4.121532
SU4_str	BOBJ1	129.34	Before	Interior Girder 5	5.5	0.95	1	1	5.122615
SU4_str	BOBJ1	129.34	Before	Interior Girder 6	5.5	0.95	1	1	5.56814
SU4_str	BOBJ1	129.34	After	Interior Girder 1	5.5	0.95	1	1	5.321844
SU4_str	BOBJ1	129.34	After	Interior Girder 2	5.5	0.95	1	1	5.279422
SU4_str	BOBJ1	129.34	After	Interior Girder 3	5.5	0.95	1	1	4.228954
SU4_str	BOBJ1	129.34	After	Interior Girder 4	5.5	0.95	1	1	4.228954
SU4_str	BOBJ1	129.34	After	Interior Girder 5	5.5	0.95	1	1	5.279422
SU4_str	BOBJ1	129.34	After	Interior Girder 6	5.5	0.95	1	1	5.321844
SU4_str	BOBJ1	130.79	Before	Left Exterior Girder	6.95	0.95	1	1	7.609086
SU4_str	BOBJ1	130.79	Before	Interior Girder 1	6.95	0.95	1	1	5.34518
SU4_str	BOBJ1	130.79	Before	Interior Girder 2	6.95	0.95	1	1	5.302041
SU4_str	BOBJ1	130.79	Before	Interior Girder 3	6.95	0.95	1	1	4.24746
SU4_str	BOBJ1	130.79	Before	Interior Girder 4	6.95	0.95	1	1	4.24746
SU4_str	BOBJ1	130.79	Before	Interior Girder 5	6.95	0.95	1	1	5.302041
SU4_str	BOBJ1	130.79	Before	Interior Girder 6	6.95	0.95	1	1	5.34518
SU4_str	BOBJ1	130.79	Before	Right Exterior Girder	6.95	0.95	1	1	7.609086
SU4_str	BOBJ1	130.79	After	Left Exterior Girder	6.95	0.95	1	1	8.059125
SU4_str	BOBJ1	130.79	After	Interior Girder 1	6.95	0.95	1	1	7.022859
SU4_str	BOBJ1	130.79	After	Interior Girder 2	6.95	0.95	1	1	6.813083
SU4_str	BOBJ1	130.79	After	Interior Girder 3	6.95	0.95	1	1	5.978555

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Approach, Span 12-1									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
SU4_str	BOBJ1	130.79	After	Interior Girder 4	6.95	0.95	1	1	5.978555
SU4_str	BOBJ1	130.79	After	Interior Girder 5	6.95	0.95	1	1	6.813083
SU4_str	BOBJ1	130.79	After	Interior Girder 6	6.95	0.95	1	1	7.022859
SU4_str	BOBJ1	130.79	After	Right Exterior Girder	6.95	0.95	1	1	8.059125
SU4_str	BOBJ1	132.34	Before	Left Exterior Girder	8.5	0.95	1	1	8.092227
SU4_str	BOBJ1	132.34	Before	Right Exterior Girder	8.5	0.95	1	1	8.092227
SU4_str	BOBJ1	132.34	After	Left Exterior Girder	8.5	0.95	1	1	9.763842
SU4_str	BOBJ1	132.34	After	Right Exterior Girder	8.5	0.95	1	1	9.763842
SU4_str	BOBJ1	137.74	Before	Left Exterior Girder	13.9	0.95	1	1	9.88032
SU4_str	BOBJ1	137.74	Before	Interior Girder 1	13.9	0.95	1	1	7.57492
SU4_str	BOBJ1	137.74	Before	Interior Girder 2	13.9	0.95	1	1	6.95206
SU4_str	BOBJ1	137.74	Before	Interior Girder 3	13.9	0.95	1	1	6.102511
SU4_str	BOBJ1	137.74	Before	Interior Girder 4	13.9	0.95	1	1	6.102511
SU4_str	BOBJ1	137.74	Before	Interior Girder 5	13.9	0.95	1	1	6.95206
SU4_str	BOBJ1	137.74	Before	Interior Girder 6	13.9	0.95	1	1	7.57492
SU4_str	BOBJ1	137.74	Before	Right Exterior Girder	13.9	0.95	1	1	9.88032
SU4_str	BOBJ1	137.74	After	Left Exterior Girder	13.9	0.95	1	1	12.892649
SU4_str	BOBJ1	137.74	After	Interior Girder 1	13.9	0.95	1	1	7.92879
SU4_str	BOBJ1	137.74	After	Interior Girder 2	13.9	0.95	1	1	7.333583
SU4_str	BOBJ1	137.74	After	Interior Girder 3	13.9	0.95	1	1	6.326634
SU4_str	BOBJ1	137.74	After	Interior Girder 4	13.9	0.95	1	1	6.326634
SU4_str	BOBJ1	137.74	After	Interior Girder 5	13.9	0.95	1	1	7.333583
SU4_str	BOBJ1	137.74	After	Interior Girder 6	13.9	0.95	1	1	7.92879
SU4_str	BOBJ1	137.74	After	Right Exterior Girder	13.9	0.95	1	1	12.892649
SU4_str	BOBJ1	143.7733	Before	Left Exterior Girder	19.9333	0.95	1	1	13.057804
SU4_str	BOBJ1	143.7733	Before	Interior Girder 1	19.9333	0.95	1	1	8.066551
SU4_str	BOBJ1	143.7733	Before	Interior Girder 2	19.9333	0.95	1	1	7.460648
SU4_str	BOBJ1	143.7733	Before	Interior Girder 3	19.9333	0.95	1	1	6.43668
SU4_str	BOBJ1	143.7733	Before	Interior Girder 4	19.9333	0.95	1	1	6.43668
SU4_str	BOBJ1	143.7733	Before	Interior Girder 5	19.9333	0.95	1	1	7.460648
SU4_str	BOBJ1	143.7733	Before	Interior Girder 6	19.9333	0.95	1	1	8.066551
SU4_str	BOBJ1	143.7733	Before	Right Exterior Girder	19.9333	0.95	1	1	13.057804
SU4_str	BOBJ1	143.7733	After	Left Exterior Girder	19.9333	0.95	1	1	15.444959
SU4_str	BOBJ1	143.7733	After	Interior Girder 1	19.9333	0.95	1	1	10.277807
SU4_str	BOBJ1	143.7733	After	Interior Girder 2	19.9333	0.95	1	1	9.417414
SU4_str	BOBJ1	143.7733	After	Interior Girder 3	19.9333	0.95	1	1	8.330884
SU4_str	BOBJ1	143.7733	After	Interior Girder 4	19.9333	0.95	1	1	8.330884
SU4_str	BOBJ1	143.7733	After	Interior Girder 5	19.9333	0.95	1	1	9.417414
SU4_str	BOBJ1	143.7733	After	Interior Girder 6	19.9333	0.95	1	1	10.277807
SU4_str	BOBJ1	143.7733	After	Right Exterior Girder	19.9333	0.95	1	1	15.444959
SU4_str	BOBJ1	149.8067	Before	Left Exterior Girder	25.9667	0.95	1	1	15.635471
SU4_str	BOBJ1	149.8067	Before	Interior Girder 1	25.9667	0.95	1	1	10.452477
SU4_str	BOBJ1	149.8067	Before	Interior Girder 2	25.9667	0.95	1	1	9.576903
SU4_str	BOBJ1	149.8067	Before	Interior Girder 3	25.9667	0.95	1	1	8.472284
SU4_str	BOBJ1	149.8067	Before	Interior Girder 4	25.9667	0.95	1	1	8.472284
SU4_str	BOBJ1	149.8067	Before	Interior Girder 5	25.9667	0.95	1	1	9.576903
SU4_str	BOBJ1	149.8067	Before	Interior Girder 6	25.9667	0.95	1	1	10.452477
SU4_str	BOBJ1	149.8067	Before	Right Exterior Girder	25.9667	0.95	1	1	15.635471
SU4_str	BOBJ1	149.8067	After	Left Exterior Girder	25.9667	0.95	1	1	19.738578
SU4_str	BOBJ1	149.8067	After	Interior Girder 1	25.9667	0.95	1	1	13.55536
SU4_str	BOBJ1	149.8067	After	Interior Girder 2	25.9667	0.95	1	1	12.354033
SU4_str	BOBJ1	149.8067	After	Interior Girder 3	25.9667	0.95	1	1	10.962936
SU4_str	BOBJ1	149.8067	After	Interior Girder 4	25.9667	0.95	1	1	10.962936
SU4_str	BOBJ1	149.8067	After	Interior Girder 5	25.9667	0.95	1	1	12.354033
SU4_str	BOBJ1	149.8067	After	Interior Girder 6	25.9667	0.95	1	1	13.55536
SU4_str	BOBJ1	149.8067	After	Right Exterior Girder	25.9667	0.95	1	1	19.738578
SU4_str	BOBJ1	155.84	Before	Left Exterior Girder	32	0.95	1	1	19.973491
SU4_str	BOBJ1	155.84	Before	Interior Girder 1	32	0.95	1	1	13.780645
SU4_str	BOBJ1	155.84	Before	Interior Girder 2	32	0.95	1	1	12.558556
SU4_str	BOBJ1	155.84	Before	Interior Girder 3	32	0.95	1	1	10.791013
SU4_str	BOBJ1	155.84	Before	Interior Girder 4	32	0.95	1	1	10.791013
SU4_str	BOBJ1	155.84	Before	Interior Girder 5	32	0.95	1	1	12.558556
SU4_str	BOBJ1	155.84	Before	Interior Girder 6	32	0.95	1	1	13.780645
SU4_str	BOBJ1	155.84	Before	Right Exterior Girder	32	0.95	1	1	19.973491
SU4_str	BOBJ1	155.84	After	Left Exterior Girder	32	0.95	1	1	24.226376

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Approach, Span 12-1									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
SU4_str	BOBJ1	155.84	After	Interior Girder 1	32	0.95	1	1	13.324177
SU4_str	BOBJ1	155.84	After	Interior Girder 2	32	0.95	1	1	11.579812
SU4_str	BOBJ1	155.84	After	Interior Girder 3	32	0.95	1	1	9.772161
SU4_str	BOBJ1	155.84	After	Interior Girder 4	32	0.95	1	1	9.772161
SU4_str	BOBJ1	155.84	After	Interior Girder 5	32	0.95	1	1	11.579812
SU4_str	BOBJ1	155.84	After	Interior Girder 6	32	0.95	1	1	13.324177
SU4_str	BOBJ1	155.84	After	Right Exterior Girder	32	0.95	1	1	24.226376
SU4_str	BOBJ1	161.8733	Before	Left Exterior Girder	38.0333	0.95	1	1	23.94766
SU4_str	BOBJ1	161.8733	Before	Interior Girder 1	38.0333	0.95	1	1	13.539238
SU4_str	BOBJ1	161.8733	Before	Interior Girder 2	38.0333	0.95	1	1	11.76737
SU4_str	BOBJ1	161.8733	Before	Interior Girder 3	38.0333	0.95	1	1	9.930355
SU4_str	BOBJ1	161.8733	Before	Interior Girder 4	38.0333	0.95	1	1	9.930355
SU4_str	BOBJ1	161.8733	Before	Interior Girder 5	38.0333	0.95	1	1	11.76737
SU4_str	BOBJ1	161.8733	Before	Interior Girder 6	38.0333	0.95	1	1	13.539238
SU4_str	BOBJ1	161.8733	Before	Right Exterior Girder	38.0333	0.95	1	1	23.94766
SU4_str	BOBJ1	161.8733	After	Left Exterior Girder	38.0333	0.95	1	1	18.35335
SU4_str	BOBJ1	161.8733	After	Interior Girder 1	38.0333	0.95	1	1	11.497873
SU4_str	BOBJ1	161.8733	After	Interior Girder 2	38.0333	0.95	1	1	10.632559
SU4_str	BOBJ1	161.8733	After	Interior Girder 3	38.0333	0.95	1	1	9.239237
SU4_str	BOBJ1	161.8733	After	Interior Girder 4	38.0333	0.95	1	1	9.239237
SU4_str	BOBJ1	161.8733	After	Interior Girder 5	38.0333	0.95	1	1	10.632559
SU4_str	BOBJ1	161.8733	After	Interior Girder 6	38.0333	0.95	1	1	11.497873
SU4_str	BOBJ1	161.8733	After	Right Exterior Girder	38.0333	0.95	1	1	18.35335
SU4_str	BOBJ1	167.9067	Before	Left Exterior Girder	44.0667	0.95	1	1	18.134793
SU4_str	BOBJ1	167.9067	Before	Interior Girder 1	44.0667	0.95	1	1	11.308736
SU4_str	BOBJ1	167.9067	Before	Interior Girder 2	44.0667	0.95	1	1	10.458205
SU4_str	BOBJ1	167.9067	Before	Interior Girder 3	44.0667	0.95	1	1	9.087564
SU4_str	BOBJ1	167.9067	Before	Interior Girder 4	44.0667	0.95	1	1	9.087564
SU4_str	BOBJ1	167.9067	Before	Interior Girder 5	44.0667	0.95	1	1	10.458205
SU4_str	BOBJ1	167.9067	Before	Interior Girder 6	44.0667	0.95	1	1	11.308736
SU4_str	BOBJ1	167.9067	Before	Right Exterior Girder	44.0667	0.95	1	1	18.134793
SU4_str	BOBJ1	167.9067	After	Left Exterior Girder	44.0667	0.95	1	1	14.950066
SU4_str	BOBJ1	167.9067	After	Interior Girder 1	44.0667	0.95	1	1	8.786867
SU4_str	BOBJ1	167.9067	After	Interior Girder 2	44.0667	0.95	1	1	8.107559
SU4_str	BOBJ1	167.9067	After	Interior Girder 3	44.0667	0.95	1	1	6.994291
SU4_str	BOBJ1	167.9067	After	Interior Girder 4	44.0667	0.95	1	1	6.994291
SU4_str	BOBJ1	167.9067	After	Interior Girder 5	44.0667	0.95	1	1	8.107559
SU4_str	BOBJ1	167.9067	After	Interior Girder 6	44.0667	0.95	1	1	8.786867
SU4_str	BOBJ1	167.9067	After	Right Exterior Girder	44.0667	0.95	1	1	14.950066
SU4_str	BOBJ1	173.94	Before	Left Exterior Girder	50.1	0.95	1	1	14.76547
SU4_str	BOBJ1	173.94	Before	Interior Girder 1	50.1	0.95	1	1	8.639164
SU4_str	BOBJ1	173.94	Before	Interior Girder 2	50.1	0.95	1	1	7.971614
SU4_str	BOBJ1	173.94	Before	Interior Girder 3	50.1	0.95	1	1	6.876742
SU4_str	BOBJ1	173.94	Before	Interior Girder 4	50.1	0.95	1	1	6.876742
SU4_str	BOBJ1	173.94	Before	Interior Girder 5	50.1	0.95	1	1	7.971614
SU4_str	BOBJ1	173.94	Before	Interior Girder 6	50.1	0.95	1	1	8.639164
SU4_str	BOBJ1	173.94	Before	Right Exterior Girder	50.1	0.95	1	1	14.76547
SU4_str	BOBJ1	173.94	After	Left Exterior Girder	50.1	0.95	1	1	10.759946
SU4_str	BOBJ1	173.94	After	Interior Girder 1	50.1	0.95	1	1	8.521819
SU4_str	BOBJ1	173.94	After	Interior Girder 2	50.1	0.95	1	1	7.786331
SU4_str	BOBJ1	173.94	After	Interior Girder 3	50.1	0.95	1	1	7.035066
SU4_str	BOBJ1	173.94	After	Interior Girder 4	50.1	0.95	1	1	7.035066
SU4_str	BOBJ1	173.94	After	Interior Girder 5	50.1	0.95	1	1	7.786331
SU4_str	BOBJ1	173.94	After	Interior Girder 6	50.1	0.95	1	1	8.521819
SU4_str	BOBJ1	173.94	After	Right Exterior Girder	50.1	0.95	1	1	10.759946
SU4_str	BOBJ1	179.98	Before	Left Exterior Girder	56.14	0.95	1	1	10.621806
SU4_str	BOBJ1	179.98	Before	Interior Girder 1	56.14	0.95	1	1	8.374863
SU4_str	BOBJ1	179.98	Before	Interior Girder 2	56.14	0.95	1	1	7.653064
SU4_str	BOBJ1	179.98	Before	Interior Girder 3	56.14	0.95	1	1	6.913282
SU4_str	BOBJ1	179.98	Before	Interior Girder 4	56.14	0.95	1	1	6.913282
SU4_str	BOBJ1	179.98	Before	Interior Girder 5	56.14	0.95	1	1	7.653064
SU4_str	BOBJ1	179.98	Before	Interior Girder 6	56.14	0.95	1	1	8.374863
SU4_str	BOBJ1	179.98	Before	Right Exterior Girder	56.14	0.95	1	1	10.621806
SU4_str	BOBJ1	179.98	After	Left Exterior Girder	56.14	0.95	1	1	9.555207
SU4_str	BOBJ1	179.98	After	Interior Girder 1	56.14	0.95	1	1	6.814964

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Approach, Span 12-1									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
SU4_str	BOBJ1	179.98	After	Interior Girder 2	56.14	0.95	1	1	6.256278
SU4_str	BOBJ1	179.98	After	Interior Girder 3	56.14	0.95	1	1	5.3803
SU4_str	BOBJ1	179.98	After	Interior Girder 4	56.14	0.95	1	1	5.3803
SU4_str	BOBJ1	179.98	After	Interior Girder 5	56.14	0.95	1	1	6.256278
SU4_str	BOBJ1	179.98	After	Interior Girder 6	56.14	0.95	1	1	6.814964
SU4_str	BOBJ1	179.98	After	Right Exterior Girder	56.14	0.95	1	1	9.555207
SU4_str	BOBJ1	183.56	Before	Left Exterior Girder	59.72	0.95	1	1	9.479724
SU4_str	BOBJ1	183.56	Before	Right Exterior Girder	59.72	0.95	1	1	9.479724
SU4_str	BOBJ1	183.56	After	Left Exterior Girder	59.72	0.95	1	1	8.692047
SU4_str	BOBJ1	183.56	After	Right Exterior Girder	59.72	0.95	1	1	8.692047
SU4_str	BOBJ1	186.02	Before	Left Exterior Girder	62.18	0.95	1	1	8.635335
SU4_str	BOBJ1	186.02	Before	Interior Girder 1	62.22	0.95	1	1	6.906413
SU4_str	BOBJ1	186.02	Before	Interior Girder 2	62.22	0.95	1	1	6.146778
SU4_str	BOBJ1	186.02	Before	Interior Girder 3	62.22	0.95	1	1	5.28473
SU4_str	BOBJ1	186.02	Before	Interior Girder 4	62.22	0.95	1	1	5.28473
SU4_str	BOBJ1	186.02	Before	Interior Girder 5	62.22	0.95	1	1	6.146778
SU4_str	BOBJ1	186.02	Before	Interior Girder 6	62.22	0.95	1	1	6.906413
SU4_str	BOBJ1	186.02	Before	Right Exterior Girder	62.18	0.95	1	1	8.635335
SU4_str	BOBJ1	186.02	After	Left Exterior Girder	62.18	0.95	1	1	8.820631
SU4_str	BOBJ1	186.02	After	Interior Girder 1	62.22	0.95	1	1	5.489161
SU4_str	BOBJ1	186.02	After	Interior Girder 2	62.22	0.95	1	1	5.05403
SU4_str	BOBJ1	186.02	After	Interior Girder 3	62.22	0.95	1	1	4.106834
SU4_str	BOBJ1	186.02	After	Interior Girder 4	62.22	0.95	1	1	4.106834
SU4_str	BOBJ1	186.02	After	Interior Girder 5	62.22	0.95	1	1	5.05403
SU4_str	BOBJ1	186.02	After	Interior Girder 6	62.22	0.95	1	1	5.489161
SU4_str	BOBJ1	186.02	After	Right Exterior Girder	62.18	0.95	1	1	8.820631
SU4_str	BOBJ1	192.06	Before	Left Exterior Girder	68.22	0.95	1	1	8.675939
SU4_str	BOBJ1	192.06	Before	Interior Girder 1	68.22	0.95	1	1	5.384516
SU4_str	BOBJ1	192.06	Before	Interior Girder 2	68.22	0.95	1	1	4.958304
SU4_str	BOBJ1	192.06	Before	Interior Girder 3	68.22	0.95	1	1	4.02742
SU4_str	BOBJ1	192.06	Before	Interior Girder 4	68.22	0.95	1	1	4.02742
SU4_str	BOBJ1	192.06	Before	Interior Girder 5	68.22	0.95	1	1	4.958304
SU4_str	BOBJ1	192.06	Before	Interior Girder 6	68.22	0.95	1	1	5.384516
SU4_str	BOBJ1	192.06	Before	Right Exterior Girder	68.22	0.95	1	1	8.675939
SU4_str	BOBJ1	192.06	After	Left Exterior Girder	0	0.95	1	1	8.677088
SU4_str	BOBJ1	192.06	After	Interior Girder 1	0	0.95	1	1	5.518749
SU4_str	BOBJ1	192.06	After	Interior Girder 2	0	0.95	1	1	5.087197
SU4_str	BOBJ1	192.06	After	Interior Girder 3	0	0.95	1	1	3.973869
SU4_str	BOBJ1	192.06	After	Interior Girder 4	0	0.95	1	1	3.973869
SU4_str	BOBJ1	192.06	After	Interior Girder 5	0	0.95	1	1	5.087197
SU4_str	BOBJ1	192.06	After	Interior Girder 6	0	0.95	1	1	5.518749
SU4_str	BOBJ1	192.06	After	Right Exterior Girder	0	0.95	1	1	8.677088
SU4_str	BOBJ1	197.087	Before	Interior Girder 1	5.027	0.95	1	1	5.608673
SU4_str	BOBJ1	197.087	Before	Interior Girder 2	5.027	0.95	1	1	5.169165
SU4_str	BOBJ1	197.087	Before	Interior Girder 3	5.027	0.95	1	1	4.040171
SU4_str	BOBJ1	197.087	Before	Interior Girder 4	5.027	0.95	1	1	4.040171
SU4_str	BOBJ1	197.087	Before	Interior Girder 5	5.027	0.95	1	1	5.169165
SU4_str	BOBJ1	197.087	Before	Interior Girder 6	5.027	0.95	1	1	5.608673
SU4_str	BOBJ1	197.087	After	Interior Girder 1	5.027	0.95	1	1	5.379913
SU4_str	BOBJ1	197.087	After	Interior Girder 2	5.027	0.95	1	1	5.823104
SU4_str	BOBJ1	197.087	After	Interior Girder 3	5.027	0.95	1	1	4.713554
SU4_str	BOBJ1	197.087	After	Interior Girder 4	5.027	0.95	1	1	4.713554
SU4_str	BOBJ1	197.087	After	Interior Girder 5	5.027	0.95	1	1	5.823104
SU4_str	BOBJ1	197.087	After	Interior Girder 6	5.027	0.95	1	1	5.379913
SU4_str	BOBJ1	197.91	Before	Left Exterior Girder	5.85	0.95	1	1	8.039394
SU4_str	BOBJ1	197.91	Before	Interior Girder 1	5.85	0.95	1	1	5.393512
SU4_str	BOBJ1	197.91	Before	Interior Girder 2	5.85	0.95	1	1	5.837358
SU4_str	BOBJ1	197.91	Before	Interior Girder 3	5.85	0.95	1	1	4.725462
SU4_str	BOBJ1	197.91	Before	Interior Girder 4	5.85	0.95	1	1	4.725462
SU4_str	BOBJ1	197.91	Before	Interior Girder 5	5.85	0.95	1	1	5.837358
SU4_str	BOBJ1	197.91	Before	Interior Girder 6	5.85	0.95	1	1	5.393512
SU4_str	BOBJ1	197.91	Before	Right Exterior Girder	5.85	0.95	1	1	8.039394
SU4_str	BOBJ1	197.91	After	Left Exterior Girder	5.85	0.95	1	1	8.338501
SU4_str	BOBJ1	197.91	After	Interior Girder 1	5.85	0.95	1	1	5.424536
SU4_str	BOBJ1	197.91	After	Interior Girder 2	5.85	0.95	1	1	5.764598

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Approach, Span 12-1									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
SU4_str	BOBJ1	197.91	After	Interior Girder 3	5.85	0.95	1	1	4.853822
SU4_str	BOBJ1	197.91	After	Interior Girder 4	5.85	0.95	1	1	4.853822
SU4_str	BOBJ1	197.91	After	Interior Girder 5	5.85	0.95	1	1	5.764598
SU4_str	BOBJ1	197.91	After	Interior Girder 6	5.85	0.95	1	1	5.424536
SU4_str	BOBJ1	197.91	After	Right Exterior Girder	5.85	0.95	1	1	8.338501
SU4_str	BOBJ1	199.1816	Before	Left Exterior Girder	7.1216	0.95	1	1	8.36755
SU4_str	BOBJ1	199.1816	Before	Right Exterior Girder	7.1216	0.95	1	1	8.36755
SU4_str	BOBJ1	199.1816	After	Left Exterior Girder	7.1216	0.95	1	1	9.940392
SU4_str	BOBJ1	199.1816	After	Right Exterior Girder	7.1216	0.95	1	1	9.940392
SU4_str	BOBJ1	203.5267	Before	Left Exterior Girder	11.3107	0.95	1	1	10.042751
SU4_str	BOBJ1	203.5267	Before	Interior Girder 1	11.3107	0.95	1	1	6.332332
SU4_str	BOBJ1	203.5267	Before	Interior Girder 2	11.3107	0.95	1	1	5.861177
SU4_str	BOBJ1	203.5267	Before	Interior Girder 3	11.3107	0.95	1	1	4.936102
SU4_str	BOBJ1	203.5267	Before	Interior Girder 4	11.3107	0.95	1	1	4.936102
SU4_str	BOBJ1	203.5267	Before	Interior Girder 5	11.3107	0.95	1	1	5.861177
SU4_str	BOBJ1	203.5267	Before	Interior Girder 6	11.3107	0.95	1	1	6.332332
SU4_str	BOBJ1	203.5267	Before	Right Exterior Girder	11.3107	0.95	1	1	10.042751
SU4_str	BOBJ1	203.5267	After	Left Exterior Girder	11.3107	0.95	1	1	13.04816
SU4_str	BOBJ1	203.5267	After	Interior Girder 1	11.3107	0.95	1	1	8.985454
SU4_str	BOBJ1	203.5267	After	Interior Girder 2	11.3107	0.95	1	1	8.250099
SU4_str	BOBJ1	203.5267	After	Interior Girder 3	11.3107	0.95	1	1	7.226361
SU4_str	BOBJ1	203.5267	After	Interior Girder 4	11.3107	0.95	1	1	7.226361
SU4_str	BOBJ1	203.5267	After	Interior Girder 5	11.3107	0.95	1	1	8.250099
SU4_str	BOBJ1	203.5267	After	Interior Girder 6	11.3107	0.95	1	1	8.985454
SU4_str	BOBJ1	203.5267	After	Right Exterior Girder	11.3107	0.95	1	1	13.04816
SU4_str	BOBJ1	209.1433	Before	Left Exterior Girder	17.0833	0.95	1	1	13.200499
SU4_str	BOBJ1	209.1433	Before	Interior Girder 1	17.0833	0.95	1	1	9.123195
SU4_str	BOBJ1	209.1433	Before	Interior Girder 2	17.0833	0.95	1	1	8.375834
SU4_str	BOBJ1	209.1433	Before	Interior Girder 3	17.0833	0.95	1	1	7.337286
SU4_str	BOBJ1	209.1433	Before	Interior Girder 4	17.0833	0.95	1	1	7.337286
SU4_str	BOBJ1	209.1433	Before	Interior Girder 5	17.0833	0.95	1	1	8.375834
SU4_str	BOBJ1	209.1433	Before	Interior Girder 6	17.0833	0.95	1	1	9.123195
SU4_str	BOBJ1	209.1433	Before	Right Exterior Girder	17.0833	0.95	1	1	13.200499
SU4_str	BOBJ1	209.1433	After	Left Exterior Girder	17.0833	0.95	1	1	15.531937
SU4_str	BOBJ1	209.1433	After	Interior Girder 1	17.0833	0.95	1	1	11.192291
SU4_str	BOBJ1	209.1433	After	Interior Girder 2	17.0833	0.95	1	1	10.209712
SU4_str	BOBJ1	209.1433	After	Interior Girder 3	17.0833	0.95	1	1	9.15755
SU4_str	BOBJ1	209.1433	After	Interior Girder 4	17.0833	0.95	1	1	9.15755
SU4_str	BOBJ1	209.1433	After	Interior Girder 5	17.0833	0.95	1	1	10.209712
SU4_str	BOBJ1	209.1433	After	Interior Girder 6	17.0833	0.95	1	1	11.192291
SU4_str	BOBJ1	209.1433	After	Right Exterior Girder	17.0833	0.95	1	1	15.531937
SU4_str	BOBJ1	214.76	Before	Left Exterior Girder	22.7	0.95	1	1	15.707563
SU4_str	BOBJ1	214.76	Before	Interior Girder 1	22.7	0.95	1	1	11.360572
SU4_str	BOBJ1	214.76	Before	Interior Girder 2	22.7	0.95	1	1	10.362281
SU4_str	BOBJ1	214.76	Before	Interior Girder 3	22.7	0.95	1	1	9.295157
SU4_str	BOBJ1	214.76	Before	Interior Girder 4	22.7	0.95	1	1	9.295157
SU4_str	BOBJ1	214.76	Before	Interior Girder 5	22.7	0.95	1	1	10.362281
SU4_str	BOBJ1	214.76	Before	Interior Girder 6	22.7	0.95	1	1	11.360572
SU4_str	BOBJ1	214.76	Before	Right Exterior Girder	22.7	0.95	1	1	15.707563
SU4_str	BOBJ1	214.76	After	Left Exterior Girder	22.7	0.95	1	1	22.841849
SU4_str	BOBJ1	214.76	After	Interior Girder 1	22.7	0.95	1	1	11.576227
SU4_str	BOBJ1	214.76	After	Interior Girder 2	22.7	0.95	1	1	10.342231
SU4_str	BOBJ1	214.76	After	Interior Girder 3	22.7	0.95	1	1	8.756302
SU4_str	BOBJ1	214.76	After	Interior Girder 4	22.7	0.95	1	1	8.756302
SU4_str	BOBJ1	214.76	After	Interior Girder 5	22.7	0.95	1	1	10.342231
SU4_str	BOBJ1	214.76	After	Interior Girder 6	22.7	0.95	1	1	11.576227
SU4_str	BOBJ1	214.76	After	Right Exterior Girder	22.7	0.95	1	1	22.841849
SU4_str	BOBJ1	220.3767	Before	Left Exterior Girder	28.3167	0.95	1	1	23.092786
SU4_str	BOBJ1	220.3767	Before	Interior Girder 1	28.3167	0.95	1	1	11.746262
SU4_str	BOBJ1	220.3767	Before	Interior Girder 2	28.3167	0.95	1	1	10.494005
SU4_str	BOBJ1	220.3767	Before	Interior Girder 3	28.3167	0.95	1	1	8.884904
SU4_str	BOBJ1	220.3767	Before	Interior Girder 4	28.3167	0.95	1	1	8.884904
SU4_str	BOBJ1	220.3767	Before	Interior Girder 5	28.3167	0.95	1	1	10.494005
SU4_str	BOBJ1	220.3767	Before	Interior Girder 6	28.3167	0.95	1	1	11.746262
SU4_str	BOBJ1	220.3767	Before	Right Exterior Girder	28.3167	0.95	1	1	23.092786

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Approach, Span 12-1									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
SU4_str	BOBJ1	220.3767	After	Left Exterior Girder	28.3167	0.95	1	1	30.835635
SU4_str	BOBJ1	220.3767	After	Interior Girder 1	28.3167	0.95	1	1	15.787367
SU4_str	BOBJ1	220.3767	After	Interior Girder 2	28.3167	0.95	1	1	13.964026
SU4_str	BOBJ1	220.3767	After	Interior Girder 3	28.3167	0.95	1	1	11.69741
SU4_str	BOBJ1	220.3767	After	Interior Girder 4	28.3167	0.95	1	1	11.69741
SU4_str	BOBJ1	220.3767	After	Interior Girder 5	28.3167	0.95	1	1	13.964026
SU4_str	BOBJ1	220.3767	After	Interior Girder 6	28.3167	0.95	1	1	15.787367
SU4_str	BOBJ1	220.3767	After	Right Exterior Girder	28.3167	0.95	1	1	30.835635
SU4_str	BOBJ1	225.9933	Before	Left Exterior Girder	33.9333	0.95	1	1	31.164428
SU4_str	BOBJ1	225.9933	Before	Interior Girder 1	33.9333	0.95	1	1	16.014906
SU4_str	BOBJ1	225.9933	Before	Interior Girder 2	33.9333	0.95	1	1	14.165043
SU4_str	BOBJ1	225.9933	Before	Interior Girder 3	33.9333	0.95	1	1	11.865807
SU4_str	BOBJ1	225.9933	Before	Interior Girder 4	33.9333	0.95	1	1	11.865807
SU4_str	BOBJ1	225.9933	Before	Interior Girder 5	33.9333	0.95	1	1	14.165043
SU4_str	BOBJ1	225.9933	Before	Interior Girder 6	33.9333	0.95	1	1	16.014906
SU4_str	BOBJ1	225.9933	Before	Right Exterior Girder	33.9333	0.95	1	1	31.164428
SU4_str	BOBJ1	225.9933	After	Left Exterior Girder	33.9333	0.95	1	1	28.281787
SU4_str	BOBJ1	225.9933	After	Interior Girder 1	33.9333	0.95	1	1	13.591328
SU4_str	BOBJ1	225.9933	After	Interior Girder 2	33.9333	0.95	1	1	12.06416
SU4_str	BOBJ1	225.9933	After	Interior Girder 3	33.9333	0.95	1	1	10.251363
SU4_str	BOBJ1	225.9933	After	Interior Girder 4	33.9333	0.95	1	1	10.251363
SU4_str	BOBJ1	225.9933	After	Interior Girder 5	33.9333	0.95	1	1	12.06416
SU4_str	BOBJ1	225.9933	After	Interior Girder 6	33.9333	0.95	1	1	13.591328
SU4_str	BOBJ1	225.9933	After	Right Exterior Girder	33.9333	0.95	1	1	28.281787
SU4_str	BOBJ1	231.61	Before	Left Exterior Girder	39.55	0.95	1	1	27.986987
SU4_str	BOBJ1	231.61	Before	Interior Girder 1	39.55	0.95	1	1	13.399966
SU4_str	BOBJ1	231.61	Before	Interior Girder 2	39.55	0.95	1	1	11.894072
SU4_str	BOBJ1	231.61	Before	Interior Girder 3	39.55	0.95	1	1	10.106764
SU4_str	BOBJ1	231.61	Before	Interior Girder 4	39.55	0.95	1	1	10.106764
SU4_str	BOBJ1	231.61	Before	Interior Girder 5	39.55	0.95	1	1	11.894072
SU4_str	BOBJ1	231.61	Before	Interior Girder 6	39.55	0.95	1	1	13.399966
SU4_str	BOBJ1	231.61	Before	Right Exterior Girder	39.55	0.95	1	1	27.986987
SU4_str	BOBJ1	231.61	After	Left Exterior Girder	39.55	0.95	1	1	18.396938
SU4_str	BOBJ1	231.61	After	Interior Girder 1	39.55	0.95	1	1	13.090192
SU4_str	BOBJ1	231.61	After	Interior Girder 2	39.55	0.95	1	1	11.868745
SU4_str	BOBJ1	231.61	After	Interior Girder 3	39.55	0.95	1	1	10.962442
SU4_str	BOBJ1	231.61	After	Interior Girder 4	39.55	0.95	1	1	10.962442
SU4_str	BOBJ1	231.61	After	Interior Girder 5	39.55	0.95	1	1	11.868745
SU4_str	BOBJ1	231.61	After	Interior Girder 6	39.55	0.95	1	1	13.090192
SU4_str	BOBJ1	231.61	After	Right Exterior Girder	39.55	0.95	1	1	18.396938
SU4_str	BOBJ1	237.37	Before	Left Exterior Girder	45.31	0.95	1	1	18.195051
SU4_str	BOBJ1	237.37	Before	Interior Girder 1	45.31	0.95	1	1	12.896544
SU4_str	BOBJ1	237.37	Before	Interior Girder 2	45.31	0.95	1	1	11.694002
SU4_str	BOBJ1	237.37	Before	Interior Girder 3	45.31	0.95	1	1	10.80052
SU4_str	BOBJ1	237.37	Before	Interior Girder 4	45.31	0.95	1	1	10.80052
SU4_str	BOBJ1	237.37	Before	Interior Girder 5	45.31	0.95	1	1	11.694002
SU4_str	BOBJ1	237.37	Before	Interior Girder 6	45.31	0.95	1	1	12.896544
SU4_str	BOBJ1	237.37	Before	Right Exterior Girder	45.31	0.95	1	1	18.195051
SU4_str	BOBJ1	237.37	After	Left Exterior Girder	45.31	0.95	1	1	14.903591
SU4_str	BOBJ1	237.37	After	Interior Girder 1	45.31	0.95	1	1	10.017473
SU4_str	BOBJ1	237.37	After	Interior Girder 2	45.31	0.95	1	1	9.147096
SU4_str	BOBJ1	237.37	After	Interior Girder 3	45.31	0.95	1	1	8.222343
SU4_str	BOBJ1	237.37	After	Interior Girder 4	45.31	0.95	1	1	8.222343
SU4_str	BOBJ1	237.37	After	Interior Girder 5	45.31	0.95	1	1	9.147096
SU4_str	BOBJ1	237.37	After	Interior Girder 6	45.31	0.95	1	1	10.017473
SU4_str	BOBJ1	237.37	After	Right Exterior Girder	45.31	0.95	1	1	14.903591
SU4_str	BOBJ1	243.13	Before	Left Exterior Girder	51.07	0.95	1	1	14.735011
SU4_str	BOBJ1	243.13	Before	Interior Girder 1	51.07	0.95	1	1	9.866308
SU4_str	BOBJ1	243.13	Before	Interior Girder 2	51.07	0.95	1	1	9.009745
SU4_str	BOBJ1	243.13	Before	Interior Girder 3	51.07	0.95	1	1	8.098375
SU4_str	BOBJ1	243.13	Before	Interior Girder 4	51.07	0.95	1	1	8.098375
SU4_str	BOBJ1	243.13	Before	Interior Girder 5	51.07	0.95	1	1	9.009745
SU4_str	BOBJ1	243.13	Before	Interior Girder 6	51.07	0.95	1	1	9.866308
SU4_str	BOBJ1	243.13	Before	Right Exterior Girder	51.07	0.95	1	1	14.735011
SU4_str	BOBJ1	243.13	After	Left Exterior Girder	51.07	0.95	1	1	13.000753

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Approach, Span 12-1									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
SU4_str	BOBJ1	243.13	After	Interior Girder 1	51.07	0.95	1	1	7.572112
SU4_str	BOBJ1	243.13	After	Interior Girder 2	51.07	0.95	1	1	6.995369
SU4_str	BOBJ1	243.13	After	Interior Girder 3	51.07	0.95	1	1	5.967825
SU4_str	BOBJ1	243.13	After	Interior Girder 4	51.07	0.95	1	1	5.967825
SU4_str	BOBJ1	243.13	After	Interior Girder 5	51.07	0.95	1	1	6.995369
SU4_str	BOBJ1	243.13	After	Interior Girder 6	51.07	0.95	1	1	7.572112
SU4_str	BOBJ1	243.13	After	Right Exterior Girder	51.07	0.95	1	1	13.000753
SU4_str	BOBJ1	248.89	Before	Left Exterior Girder	56.83	0.95	1	1	12.848753
SU4_str	BOBJ1	248.89	Before	Interior Girder 1	56.83	0.95	1	1	7.455788
SU4_str	BOBJ1	248.89	Before	Interior Girder 2	56.83	0.95	1	1	6.888154
SU4_str	BOBJ1	248.89	Before	Interior Girder 3	56.83	0.95	1	1	5.875921
SU4_str	BOBJ1	248.89	Before	Interior Girder 4	56.83	0.95	1	1	5.875921
SU4_str	BOBJ1	248.89	Before	Interior Girder 5	56.83	0.95	1	1	6.888154
SU4_str	BOBJ1	248.89	Before	Interior Girder 6	56.83	0.95	1	1	7.455788
SU4_str	BOBJ1	248.89	Before	Right Exterior Girder	56.83	0.95	1	1	12.848753
SU5_str	BOBJ1	0	After	Left Exterior Girder	0	0.95	1	1	11.306579
SU5_str	BOBJ1	0	After	Interior Girder 1	0	0.95	1	1	7.614917
SU5_str	BOBJ1	0	After	Interior Girder 2	0	0.95	1	1	7.018654
SU5_str	BOBJ1	0	After	Interior Girder 3	0	0.95	1	1	6.121757
SU5_str	BOBJ1	0	After	Interior Girder 4	0	0.95	1	1	6.121757
SU5_str	BOBJ1	0	After	Interior Girder 5	0	0.95	1	1	7.018654
SU5_str	BOBJ1	0	After	Interior Girder 6	0	0.95	1	1	7.614917
SU5_str	BOBJ1	0	After	Right Exterior Girder	0	0.95	1	1	11.306579
SU5_str	BOBJ1	5.85	Before	Left Exterior Girder	5.85	0.95	1	1	11.431313
SU5_str	BOBJ1	5.85	Before	Interior Girder 1	5.85	0.95	1	1	7.72792
SU5_str	BOBJ1	5.85	Before	Interior Girder 2	5.85	0.95	1	1	7.122148
SU5_str	BOBJ1	5.85	Before	Interior Girder 3	5.85	0.95	1	1	6.212682
SU5_str	BOBJ1	5.85	Before	Interior Girder 4	5.85	0.95	1	1	6.212682
SU5_str	BOBJ1	5.85	Before	Interior Girder 5	5.85	0.95	1	1	7.122148
SU5_str	BOBJ1	5.85	Before	Interior Girder 6	5.85	0.95	1	1	7.72792
SU5_str	BOBJ1	5.85	Before	Right Exterior Girder	5.85	0.95	1	1	11.431313
SU5_str	BOBJ1	5.85	After	Left Exterior Girder	5.85	0.95	1	1	14.5846
SU5_str	BOBJ1	5.85	After	Interior Girder 1	5.85	0.95	1	1	8.940188
SU5_str	BOBJ1	5.85	After	Interior Girder 2	5.85	0.95	1	1	8.275617
SU5_str	BOBJ1	5.85	After	Interior Girder 3	5.85	0.95	1	1	7.302252
SU5_str	BOBJ1	5.85	After	Interior Girder 4	5.85	0.95	1	1	7.302252
SU5_str	BOBJ1	5.85	After	Interior Girder 5	5.85	0.95	1	1	8.275617
SU5_str	BOBJ1	5.85	After	Interior Girder 6	5.85	0.95	1	1	8.940188
SU5_str	BOBJ1	5.85	After	Right Exterior Girder	5.85	0.95	1	1	14.5846
SU5_str	BOBJ1	11.4667	Before	Left Exterior Girder	11.4667	0.95	1	1	14.734359
SU5_str	BOBJ1	11.4667	Before	Interior Girder 1	11.4667	0.95	1	1	9.064873
SU5_str	BOBJ1	11.4667	Before	Interior Girder 2	11.4667	0.95	1	1	8.390774
SU5_str	BOBJ1	11.4667	Before	Interior Girder 3	11.4667	0.95	1	1	7.40402
SU5_str	BOBJ1	11.4667	Before	Interior Girder 4	11.4667	0.95	1	1	7.40402
SU5_str	BOBJ1	11.4667	Before	Interior Girder 5	11.4667	0.95	1	1	8.390774
SU5_str	BOBJ1	11.4667	Before	Interior Girder 6	11.4667	0.95	1	1	9.064873
SU5_str	BOBJ1	11.4667	Before	Right Exterior Girder	11.4667	0.95	1	1	14.734359
SU5_str	BOBJ1	11.4667	After	Left Exterior Girder	11.4667	0.95	1	1	17.915354
SU5_str	BOBJ1	11.4667	After	Interior Girder 1	11.4667	0.95	1	1	11.816277
SU5_str	BOBJ1	11.4667	After	Interior Girder 2	11.4667	0.95	1	1	10.790824
SU5_str	BOBJ1	11.4667	After	Interior Girder 3	11.4667	0.95	1	1	9.785548
SU5_str	BOBJ1	11.4667	After	Interior Girder 4	11.4667	0.95	1	1	9.785548
SU5_str	BOBJ1	11.4667	After	Interior Girder 5	11.4667	0.95	1	1	10.790824
SU5_str	BOBJ1	11.4667	After	Interior Girder 6	11.4667	0.95	1	1	11.816277
SU5_str	BOBJ1	11.4667	After	Right Exterior Girder	11.4667	0.95	1	1	17.915354
SU5_str	BOBJ1	17.0833	Before	Left Exterior Girder	17.0833	0.95	1	1	18.094061
SU5_str	BOBJ1	17.0833	Before	Interior Girder 1	17.0833	0.95	1	1	11.978121
SU5_str	BOBJ1	17.0833	Before	Interior Girder 2	17.0833	0.95	1	1	10.93824
SU5_str	BOBJ1	17.0833	Before	Interior Girder 3	17.0833	0.95	1	1	9.919334
SU5_str	BOBJ1	17.0833	Before	Interior Girder 4	17.0833	0.95	1	1	9.919334
SU5_str	BOBJ1	17.0833	Before	Interior Girder 5	17.0833	0.95	1	1	10.93824
SU5_str	BOBJ1	17.0833	Before	Interior Girder 6	17.0833	0.95	1	1	11.978121
SU5_str	BOBJ1	17.0833	Before	Right Exterior Girder	17.0833	0.95	1	1	18.094061
SU5_str	BOBJ1	17.0833	After	Left Exterior Girder	17.0833	0.95	1	1	23.103399
SU5_str	BOBJ1	17.0833	After	Interior Girder 1	17.0833	0.95	1	1	15.684945

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Approach, Span 12-1									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
SU5_str	BOBJ1	17.0833	After	Interior Girder 2	17.0833	0.95	1	1	14.327255
SU5_str	BOBJ1	17.0833	After	Interior Girder 3	17.0833	0.95	1	1	12.358624
SU5_str	BOBJ1	17.0833	After	Interior Girder 4	17.0833	0.95	1	1	12.358624
SU5_str	BOBJ1	17.0833	After	Interior Girder 5	17.0833	0.95	1	1	14.327255
SU5_str	BOBJ1	17.0833	After	Interior Girder 6	17.0833	0.95	1	1	15.684945
SU5_str	BOBJ1	17.0833	After	Right Exterior Girder	17.0833	0.95	1	1	23.103399
SU5_str	BOBJ1	22.7	Before	Left Exterior Girder	22.7	0.95	1	1	23.327559
SU5_str	BOBJ1	22.7	Before	Interior Girder 1	22.7	0.95	1	1	15.895898
SU5_str	BOBJ1	22.7	Before	Interior Girder 2	22.7	0.95	1	1	14.519438
SU5_str	BOBJ1	22.7	Before	Interior Girder 3	22.7	0.95	1	1	12.196851
SU5_str	BOBJ1	22.7	Before	Interior Girder 4	22.7	0.95	1	1	12.196851
SU5_str	BOBJ1	22.7	Before	Interior Girder 5	22.7	0.95	1	1	14.519438
SU5_str	BOBJ1	22.7	Before	Interior Girder 6	22.7	0.95	1	1	15.895898
SU5_str	BOBJ1	22.7	Before	Right Exterior Girder	22.7	0.95	1	1	23.327559
SU5_str	BOBJ1	22.7	After	Left Exterior Girder	22.7	0.95	1	1	28.45315
SU5_str	BOBJ1	22.7	After	Interior Girder 1	22.7	0.95	1	1	15.765007
SU5_str	BOBJ1	22.7	After	Interior Girder 2	22.7	0.95	1	1	13.729142
SU5_str	BOBJ1	22.7	After	Interior Girder 3	22.7	0.95	1	1	11.592503
SU5_str	BOBJ1	22.7	After	Interior Girder 4	22.7	0.95	1	1	11.592503
SU5_str	BOBJ1	22.7	After	Interior Girder 5	22.7	0.95	1	1	13.729142
SU5_str	BOBJ1	22.7	After	Interior Girder 6	22.7	0.95	1	1	15.765007
SU5_str	BOBJ1	22.7	After	Right Exterior Girder	22.7	0.95	1	1	28.45315
SU5_str	BOBJ1	28.3167	Before	Left Exterior Girder	28.3167	0.95	1	1	28.175382
SU5_str	BOBJ1	28.3167	Before	Interior Girder 1	28.3167	0.95	1	1	15.971949
SU5_str	BOBJ1	28.3167	Before	Interior Girder 2	28.3167	0.95	1	1	13.91003
SU5_str	BOBJ1	28.3167	Before	Interior Girder 3	28.3167	0.95	1	1	11.745141
SU5_str	BOBJ1	28.3167	Before	Interior Girder 4	28.3167	0.95	1	1	11.745141
SU5_str	BOBJ1	28.3167	Before	Interior Girder 5	28.3167	0.95	1	1	13.91003
SU5_str	BOBJ1	28.3167	Before	Interior Girder 6	28.3167	0.95	1	1	15.971949
SU5_str	BOBJ1	28.3167	Before	Right Exterior Girder	28.3167	0.95	1	1	28.175382
SU5_str	BOBJ1	28.3167	After	Left Exterior Girder	28.3167	0.95	1	1	20.129234
SU5_str	BOBJ1	28.3167	After	Interior Girder 1	28.3167	0.95	1	1	12.294132
SU5_str	BOBJ1	28.3167	After	Interior Girder 2	28.3167	0.95	1	1	11.236
SU5_str	BOBJ1	28.3167	After	Interior Girder 3	28.3167	0.95	1	1	9.642243
SU5_str	BOBJ1	28.3167	After	Interior Girder 4	28.3167	0.95	1	1	9.642243
SU5_str	BOBJ1	28.3167	After	Interior Girder 5	28.3167	0.95	1	1	11.236
SU5_str	BOBJ1	28.3167	After	Interior Girder 6	28.3167	0.95	1	1	12.294132
SU5_str	BOBJ1	28.3167	After	Right Exterior Girder	28.3167	0.95	1	1	20.129234
SU5_str	BOBJ1	33.9333	Before	Left Exterior Girder	33.9333	0.95	1	1	19.927143
SU5_str	BOBJ1	33.9333	Before	Interior Girder 1	33.9333	0.95	1	1	12.126637
SU5_str	BOBJ1	33.9333	Before	Interior Girder 2	33.9333	0.95	1	1	11.083474
SU5_str	BOBJ1	33.9333	Before	Interior Girder 3	33.9333	0.95	1	1	9.511209
SU5_str	BOBJ1	33.9333	Before	Interior Girder 4	33.9333	0.95	1	1	9.511209
SU5_str	BOBJ1	33.9333	Before	Interior Girder 5	33.9333	0.95	1	1	11.083474
SU5_str	BOBJ1	33.9333	Before	Interior Girder 6	33.9333	0.95	1	1	12.126637
SU5_str	BOBJ1	33.9333	Before	Right Exterior Girder	33.9333	0.95	1	1	19.927143
SU5_str	BOBJ1	33.9333	After	Left Exterior Girder	33.9333	0.95	1	1	15.950452
SU5_str	BOBJ1	33.9333	After	Interior Girder 1	33.9333	0.95	1	1	9.374202
SU5_str	BOBJ1	33.9333	After	Interior Girder 2	33.9333	0.95	1	1	8.584964
SU5_str	BOBJ1	33.9333	After	Interior Girder 3	33.9333	0.95	1	1	7.376169
SU5_str	BOBJ1	33.9333	After	Interior Girder 4	33.9333	0.95	1	1	7.376169
SU5_str	BOBJ1	33.9333	After	Interior Girder 5	33.9333	0.95	1	1	8.584964
SU5_str	BOBJ1	33.9333	After	Interior Girder 6	33.9333	0.95	1	1	9.374202
SU5_str	BOBJ1	33.9333	After	Right Exterior Girder	33.9333	0.95	1	1	15.950452
SU5_str	BOBJ1	39.55	Before	Left Exterior Girder	39.55	0.95	1	1	15.785549
SU5_str	BOBJ1	39.55	Before	Interior Girder 1	39.55	0.95	1	1	9.244203
SU5_str	BOBJ1	39.55	Before	Interior Girder 2	39.55	0.95	1	1	8.466286
SU5_str	BOBJ1	39.55	Before	Interior Girder 3	39.55	0.95	1	1	7.273981
SU5_str	BOBJ1	39.55	Before	Interior Girder 4	39.55	0.95	1	1	7.273981
SU5_str	BOBJ1	39.55	Before	Interior Girder 5	39.55	0.95	1	1	8.466286
SU5_str	BOBJ1	39.55	Before	Interior Girder 6	39.55	0.95	1	1	9.244203
SU5_str	BOBJ1	39.55	Before	Right Exterior Girder	39.55	0.95	1	1	15.785549
SU5_str	BOBJ1	39.55	After	Left Exterior Girder	39.55	0.95	1	1	11.779716
SU5_str	BOBJ1	39.55	After	Interior Girder 1	39.55	0.95	1	1	8.887017
SU5_str	BOBJ1	39.55	After	Interior Girder 2	39.55	0.95	1	1	8.111578

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Approach, Span 12-1									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
SU5_str	BOBJ1	39.55	After	Interior Girder 3	39.55	0.95	1	1	7.277961
SU5_str	BOBJ1	39.55	After	Interior Girder 4	39.55	0.95	1	1	7.277961
SU5_str	BOBJ1	39.55	After	Interior Girder 5	39.55	0.95	1	1	8.111578
SU5_str	BOBJ1	39.55	After	Interior Girder 6	39.55	0.95	1	1	8.887017
SU5_str	BOBJ1	39.55	After	Right Exterior Girder	39.55	0.95	1	1	11.779716
SU5_str	BOBJ1	45.1733	Before	Left Exterior Girder	45.1226	0.95	1	1	11.654048
SU5_str	BOBJ1	45.1733	Before	Interior Girder 1	45.1226	0.95	1	1	8.761126
SU5_str	BOBJ1	45.1733	Before	Interior Girder 2	45.1226	0.95	1	1	7.997528
SU5_str	BOBJ1	45.1733	Before	Interior Girder 3	45.1226	0.95	1	1	7.174609
SU5_str	BOBJ1	45.1733	Before	Interior Girder 4	45.1226	0.95	1	1	7.174609
SU5_str	BOBJ1	45.1733	Before	Interior Girder 5	45.1226	0.95	1	1	7.997528
SU5_str	BOBJ1	45.1733	Before	Interior Girder 6	45.1226	0.95	1	1	8.761126
SU5_str	BOBJ1	45.1733	Before	Right Exterior Girder	45.1226	0.95	1	1	11.654048
SU5_str	BOBJ1	45.1733	After	Left Exterior Girder	45.1226	0.95	1	1	8.53858
SU5_str	BOBJ1	45.1733	After	Interior Girder 1	45.1226	0.95	1	1	6.052746
SU5_str	BOBJ1	45.1733	After	Interior Girder 2	45.1226	0.95	1	1	5.573376
SU5_str	BOBJ1	45.1733	After	Interior Girder 3	45.1226	0.95	1	1	4.7711
SU5_str	BOBJ1	45.1733	After	Interior Girder 4	45.1226	0.95	1	1	4.7711
SU5_str	BOBJ1	45.1733	After	Interior Girder 5	45.1226	0.95	1	1	5.573376
SU5_str	BOBJ1	45.1733	After	Interior Girder 6	45.1226	0.95	1	1	6.052746
SU5_str	BOBJ1	45.1733	After	Right Exterior Girder	45.1226	0.95	1	1	8.53858
SU5_str	BOBJ1	49.2561	Before	Left Exterior Girder	49.2561	0.95	1	1	8.459605
SU5_str	BOBJ1	49.2561	Before	Right Exterior Girder	49.2561	0.95	1	1	8.459605
SU5_str	BOBJ1	49.2561	After	Left Exterior Girder	49.2561	0.95	1	1	7.375241
SU5_str	BOBJ1	49.2561	After	Right Exterior Girder	49.2561	0.95	1	1	7.375241
SU5_str	BOBJ1	50.7967	Before	Left Exterior Girder	50.7967	0.95	1	1	7.346195
SU5_str	BOBJ1	50.7967	Before	Interior Girder 1	50.7967	0.95	1	1	4.947555
SU5_str	BOBJ1	50.7967	Before	Interior Girder 2	50.7967	0.95	1	1	5.481748
SU5_str	BOBJ1	50.7967	Before	Interior Girder 3	50.7967	0.95	1	1	4.691461
SU5_str	BOBJ1	50.7967	Before	Interior Girder 4	50.7967	0.95	1	1	4.691461
SU5_str	BOBJ1	50.7967	Before	Interior Girder 5	50.7967	0.95	1	1	5.481748
SU5_str	BOBJ1	50.7967	Before	Interior Girder 6	50.7967	0.95	1	1	4.947555
SU5_str	BOBJ1	50.7967	Before	Right Exterior Girder	50.7967	0.95	1	1	7.346195
SU5_str	BOBJ1	50.7967	After	Left Exterior Girder	50.7967	0.95	1	1	7.782056
SU5_str	BOBJ1	50.7967	After	Interior Girder 1	50.7967	0.95	1	1	4.148148
SU5_str	BOBJ1	50.7967	After	Interior Girder 2	50.7967	0.95	1	1	4.271202
SU5_str	BOBJ1	50.7967	After	Interior Girder 3	50.7967	0.95	1	1	3.420569
SU5_str	BOBJ1	50.7967	After	Interior Girder 4	50.7967	0.95	1	1	3.420569
SU5_str	BOBJ1	50.7967	After	Interior Girder 5	50.7967	0.95	1	1	4.271202
SU5_str	BOBJ1	50.7967	After	Interior Girder 6	50.7967	0.95	1	1	4.148148
SU5_str	BOBJ1	50.7967	After	Right Exterior Girder	50.7967	0.95	1	1	7.782056
SU5_str	BOBJ1	51.3989	Before	Interior Girder 1	51.3989	0.95	1	1	4.14046
SU5_str	BOBJ1	51.3989	Before	Interior Girder 2	51.3989	0.95	1	1	4.26354
SU5_str	BOBJ1	51.3989	Before	Interior Girder 3	51.3989	0.95	1	1	3.414311
SU5_str	BOBJ1	51.3989	Before	Interior Girder 4	51.3989	0.95	1	1	3.414311
SU5_str	BOBJ1	51.3989	Before	Interior Girder 5	51.3989	0.95	1	1	4.26354
SU5_str	BOBJ1	51.3989	Before	Interior Girder 6	51.3989	0.95	1	1	4.14046
SU5_str	BOBJ1	51.3989	After	Interior Girder 1	51.3989	0.95	1	1	4.876313
SU5_str	BOBJ1	51.3989	After	Interior Girder 2	51.3989	0.95	1	1	4.531416
SU5_str	BOBJ1	51.3989	After	Interior Girder 3	51.3989	0.95	1	1	3.681305
SU5_str	BOBJ1	51.3989	After	Interior Girder 4	51.3989	0.95	1	1	3.681305
SU5_str	BOBJ1	51.3989	After	Interior Girder 5	51.3989	0.95	1	1	4.531416
SU5_str	BOBJ1	51.3989	After	Interior Girder 6	51.3989	0.95	1	1	4.876313
SU5_str	BOBJ1	56.42	Before	Left Exterior Girder	56.42	0.95	1	1	7.751175
SU5_str	BOBJ1	56.42	Before	Interior Girder 1	56.42	0.95	1	1	4.798897
SU5_str	BOBJ1	56.42	Before	Interior Girder 2	56.42	0.95	1	1	4.460062
SU5_str	BOBJ1	56.42	Before	Interior Girder 3	56.42	0.95	1	1	3.622093
SU5_str	BOBJ1	56.42	Before	Interior Girder 4	56.42	0.95	1	1	3.622093
SU5_str	BOBJ1	56.42	Before	Interior Girder 5	56.42	0.95	1	1	4.460062
SU5_str	BOBJ1	56.42	Before	Interior Girder 6	56.42	0.95	1	1	4.798897
SU5_str	BOBJ1	56.42	Before	Right Exterior Girder	56.42	0.95	1	1	7.751175
SU5_str	BOBJ1	56.42	After	Left Exterior Girder	0	0.95	1	1	7.712523
SU5_str	BOBJ1	56.42	After	Interior Girder 1	0	0.95	1	1	4.893311
SU5_str	BOBJ1	56.42	After	Interior Girder 2	0	0.95	1	1	4.53793
SU5_str	BOBJ1	56.42	After	Interior Girder 3	0	0.95	1	1	3.688173

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Approach, Span 12-1									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
SU5_str	BOBJ1	56.42	After	Interior Girder 4	0	0.95	1	1	3.688173
SU5_str	BOBJ1	56.42	After	Interior Girder 5	0	0.95	1	1	4.53793
SU5_str	BOBJ1	56.42	After	Interior Girder 6	0	0.95	1	1	4.893311
SU5_str	BOBJ1	56.42	After	Right Exterior Girder	0	0.95	1	1	7.712523
SU5_str	BOBJ1	62.0367	Before	Left Exterior Girder	5.6167	0.95	1	1	7.829819
SU5_str	BOBJ1	62.0367	Before	Interior Girder 1	5.6167	0.95	1	1	4.980767
SU5_str	BOBJ1	62.0367	Before	Interior Girder 2	5.6167	0.95	1	1	4.618438
SU5_str	BOBJ1	62.0367	Before	Interior Girder 3	5.6167	0.95	1	1	3.755041
SU5_str	BOBJ1	62.0367	Before	Interior Girder 4	5.6167	0.95	1	1	3.755041
SU5_str	BOBJ1	62.0367	Before	Interior Girder 5	5.6167	0.95	1	1	4.618438
SU5_str	BOBJ1	62.0367	Before	Interior Girder 6	5.6167	0.95	1	1	4.980767
SU5_str	BOBJ1	62.0367	Before	Right Exterior Girder	5.6167	0.95	1	1	7.829819
SU5_str	BOBJ1	62.0367	After	Left Exterior Girder	5.6167	0.95	1	1	11.571069
SU5_str	BOBJ1	62.0367	After	Interior Girder 1	5.6167	0.95	1	1	4.678401
SU5_str	BOBJ1	62.0367	After	Interior Girder 2	5.6167	0.95	1	1	5.194979
SU5_str	BOBJ1	62.0367	After	Interior Girder 3	5.6167	0.95	1	1	4.367355
SU5_str	BOBJ1	62.0367	After	Interior Girder 4	5.6167	0.95	1	1	4.367355
SU5_str	BOBJ1	62.0367	After	Interior Girder 5	5.6167	0.95	1	1	5.194979
SU5_str	BOBJ1	62.0367	After	Interior Girder 6	5.6167	0.95	1	1	4.678401
SU5_str	BOBJ1	62.0367	After	Right Exterior Girder	5.6167	0.95	1	1	11.571069
SU5_str	BOBJ1	62.4203	Before	Interior Girder 1	6.0003	0.95	1	1	4.684128
SU5_str	BOBJ1	62.4203	Before	Interior Girder 2	6.0003	0.95	1	1	5.201152
SU5_str	BOBJ1	62.4203	Before	Interior Girder 3	6.0003	0.95	1	1	4.372648
SU5_str	BOBJ1	62.4203	Before	Interior Girder 4	6.0003	0.95	1	1	4.372648
SU5_str	BOBJ1	62.4203	Before	Interior Girder 5	6.0003	0.95	1	1	5.201152
SU5_str	BOBJ1	62.4203	Before	Interior Girder 6	6.0003	0.95	1	1	4.684128
SU5_str	BOBJ1	62.4203	After	Interior Girder 1	6.0003	0.95	1	1	4.703643
SU5_str	BOBJ1	62.4203	After	Interior Girder 2	6.0003	0.95	1	1	5.55681
SU5_str	BOBJ1	62.4203	After	Interior Girder 3	6.0003	0.95	1	1	4.779036
SU5_str	BOBJ1	62.4203	After	Interior Girder 4	6.0003	0.95	1	1	4.779036
SU5_str	BOBJ1	62.4203	After	Interior Girder 5	6.0003	0.95	1	1	5.55681
SU5_str	BOBJ1	62.4203	After	Interior Girder 6	6.0003	0.95	1	1	4.703643
SU5_str	BOBJ1	64.9204	Before	Left Exterior Girder	8.5004	0.95	1	1	8.182408
SU5_str	BOBJ1	64.9204	Before	Right Exterior Girder	8.5004	0.95	1	1	8.182408
SU5_str	BOBJ1	64.9204	After	Left Exterior Girder	8.5004	0.95	1	1	8.280316
SU5_str	BOBJ1	64.9204	After	Right Exterior Girder	8.5004	0.95	1	1	8.280316
SU5_str	BOBJ1	67.6533	Before	Left Exterior Girder	11.2333	0.95	1	1	8.330731
SU5_str	BOBJ1	67.6533	Before	Interior Girder 1	11.2333	0.95	1	1	6.207898
SU5_str	BOBJ1	67.6533	Before	Interior Girder 2	11.2333	0.95	1	1	5.642408
SU5_str	BOBJ1	67.6533	Before	Interior Girder 3	11.2333	0.95	1	1	4.853828
SU5_str	BOBJ1	67.6533	Before	Interior Girder 4	11.2333	0.95	1	1	4.853828
SU5_str	BOBJ1	67.6533	Before	Interior Girder 5	11.2333	0.95	1	1	5.642408
SU5_str	BOBJ1	67.6533	Before	Interior Girder 6	11.2333	0.95	1	1	6.207898
SU5_str	BOBJ1	67.6533	Before	Right Exterior Girder	11.2333	0.95	1	1	8.330731
SU5_str	BOBJ1	67.6533	After	Left Exterior Girder	11.2333	0.95	1	1	9.423557
SU5_str	BOBJ1	67.6533	After	Interior Girder 1	11.2333	0.95	1	1	7.425087
SU5_str	BOBJ1	67.6533	After	Interior Girder 2	11.2333	0.95	1	1	6.800644
SU5_str	BOBJ1	67.6533	After	Interior Girder 3	11.2333	0.95	1	1	6.155755
SU5_str	BOBJ1	67.6533	After	Interior Girder 4	11.2333	0.95	1	1	6.155755
SU5_str	BOBJ1	67.6533	After	Interior Girder 5	11.2333	0.95	1	1	6.800644
SU5_str	BOBJ1	67.6533	After	Interior Girder 6	11.2333	0.95	1	1	7.425087
SU5_str	BOBJ1	67.6533	After	Right Exterior Girder	11.2333	0.95	1	1	9.423557
SU5_str	BOBJ1	73.27	Before	Left Exterior Girder	16.85	0.95	1	1	9.537904
SU5_str	BOBJ1	73.27	Before	Interior Girder 1	16.85	0.95	1	1	7.546419
SU5_str	BOBJ1	73.27	Before	Interior Girder 2	16.85	0.95	1	1	6.910886
SU5_str	BOBJ1	73.27	Before	Interior Girder 3	16.85	0.95	1	1	6.256797
SU5_str	BOBJ1	73.27	Before	Interior Girder 4	16.85	0.95	1	1	6.256797
SU5_str	BOBJ1	73.27	Before	Interior Girder 5	16.85	0.95	1	1	6.910886
SU5_str	BOBJ1	73.27	Before	Interior Girder 6	16.85	0.95	1	1	7.546419
SU5_str	BOBJ1	73.27	Before	Right Exterior Girder	16.85	0.95	1	1	9.537904
SU5_str	BOBJ1	73.27	After	Left Exterior Girder	16.85	0.95	1	1	12.704973
SU5_str	BOBJ1	73.27	After	Interior Girder 1	16.85	0.95	1	1	7.79486
SU5_str	BOBJ1	73.27	After	Interior Girder 2	16.85	0.95	1	1	7.226942
SU5_str	BOBJ1	73.27	After	Interior Girder 3	16.85	0.95	1	1	6.259364
SU5_str	BOBJ1	73.27	After	Interior Girder 4	16.85	0.95	1	1	6.259364

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Approach, Span 12-1									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
SU5_str	BOBJ1	73.27	After	Interior Girder 5	16.85	0.95	1	1	7.226942
SU5_str	BOBJ1	73.27	After	Interior Girder 6	16.85	0.95	1	1	7.79486
SU5_str	BOBJ1	73.27	After	Right Exterior Girder	16.85	0.95	1	1	12.704973
SU5_str	BOBJ1	78.8867	Before	Left Exterior Girder	22.4667	0.95	1	1	12.853657
SU5_str	BOBJ1	78.8867	Before	Interior Girder 1	22.4667	0.95	1	1	7.919319
SU5_str	BOBJ1	78.8867	Before	Interior Girder 2	22.4667	0.95	1	1	7.342014
SU5_str	BOBJ1	78.8867	Before	Interior Girder 3	22.4667	0.95	1	1	6.359317
SU5_str	BOBJ1	78.8867	Before	Interior Girder 4	22.4667	0.95	1	1	6.359317
SU5_str	BOBJ1	78.8867	Before	Interior Girder 5	22.4667	0.95	1	1	7.342014
SU5_str	BOBJ1	78.8867	Before	Interior Girder 6	22.4667	0.95	1	1	7.919319
SU5_str	BOBJ1	78.8867	Before	Right Exterior Girder	22.4667	0.95	1	1	12.853657
SU5_str	BOBJ1	78.8867	After	Left Exterior Girder	22.4667	0.95	1	1	15.380843
SU5_str	BOBJ1	78.8867	After	Interior Girder 1	22.4667	0.95	1	1	10.060744
SU5_str	BOBJ1	78.8867	After	Interior Girder 2	22.4667	0.95	1	1	9.251884
SU5_str	BOBJ1	78.8867	After	Interior Girder 3	22.4667	0.95	1	1	8.17483
SU5_str	BOBJ1	78.8867	After	Interior Girder 4	22.4667	0.95	1	1	8.17483
SU5_str	BOBJ1	78.8867	After	Interior Girder 5	22.4667	0.95	1	1	9.251884
SU5_str	BOBJ1	78.8867	After	Interior Girder 6	22.4667	0.95	1	1	10.060744
SU5_str	BOBJ1	78.8867	After	Right Exterior Girder	22.4667	0.95	1	1	15.380843
SU5_str	BOBJ1	84.5033	Before	Left Exterior Girder	28.0833	0.95	1	1	15.554749
SU5_str	BOBJ1	84.5033	Before	Interior Girder 1	28.0833	0.95	1	1	10.218122
SU5_str	BOBJ1	84.5033	Before	Interior Girder 2	28.0833	0.95	1	1	9.396123
SU5_str	BOBJ1	84.5033	Before	Interior Girder 3	28.0833	0.95	1	1	8.302479
SU5_str	BOBJ1	84.5033	Before	Interior Girder 4	28.0833	0.95	1	1	8.302479
SU5_str	BOBJ1	84.5033	Before	Interior Girder 5	28.0833	0.95	1	1	9.396123
SU5_str	BOBJ1	84.5033	Before	Interior Girder 6	28.0833	0.95	1	1	10.218122
SU5_str	BOBJ1	84.5033	Before	Right Exterior Girder	28.0833	0.95	1	1	15.554749
SU5_str	BOBJ1	84.5033	After	Left Exterior Girder	28.0833	0.95	1	1	19.877656
SU5_str	BOBJ1	84.5033	After	Interior Girder 1	28.0833	0.95	1	1	13.192517
SU5_str	BOBJ1	84.5033	After	Interior Girder 2	28.0833	0.95	1	1	11.581872
SU5_str	BOBJ1	84.5033	After	Interior Girder 3	28.0833	0.95	1	1	9.784368
SU5_str	BOBJ1	84.5033	After	Interior Girder 4	28.0833	0.95	1	1	9.784368
SU5_str	BOBJ1	84.5033	After	Interior Girder 5	28.0833	0.95	1	1	11.581872
SU5_str	BOBJ1	84.5033	After	Interior Girder 6	28.0833	0.95	1	1	13.192517
SU5_str	BOBJ1	84.5033	After	Right Exterior Girder	28.0833	0.95	1	1	19.877656
SU5_str	BOBJ1	90.12	Before	Left Exterior Girder	33.7	0.95	1	1	20.095148
SU5_str	BOBJ1	90.12	Before	Interior Girder 1	33.7	0.95	1	1	13.202654
SU5_str	BOBJ1	90.12	Before	Interior Girder 2	33.7	0.95	1	1	11.411015
SU5_str	BOBJ1	90.12	Before	Interior Girder 3	33.7	0.95	1	1	9.640162
SU5_str	BOBJ1	90.12	Before	Interior Girder 4	33.7	0.95	1	1	9.640162
SU5_str	BOBJ1	90.12	Before	Interior Girder 5	33.7	0.95	1	1	11.411015
SU5_str	BOBJ1	90.12	Before	Interior Girder 6	33.7	0.95	1	1	13.202654
SU5_str	BOBJ1	90.12	Before	Right Exterior Girder	33.7	0.95	1	1	20.095148
SU5_str	BOBJ1	90.12	After	Left Exterior Girder	33.7	0.95	1	1	20.703002
SU5_str	BOBJ1	90.12	After	Interior Girder 1	33.7	0.95	1	1	13.11623
SU5_str	BOBJ1	90.12	After	Interior Girder 2	33.7	0.95	1	1	11.357423
SU5_str	BOBJ1	90.12	After	Interior Girder 3	33.7	0.95	1	1	9.616076
SU5_str	BOBJ1	90.12	After	Interior Girder 4	33.7	0.95	1	1	9.616076
SU5_str	BOBJ1	90.12	After	Interior Girder 5	33.7	0.95	1	1	11.357423
SU5_str	BOBJ1	90.12	After	Interior Girder 6	33.7	0.95	1	1	13.11623
SU5_str	BOBJ1	90.12	After	Right Exterior Girder	33.7	0.95	1	1	20.703002
SU5_str	BOBJ1	95.7367	Before	Left Exterior Girder	39.3167	0.95	1	1	20.478974
SU5_str	BOBJ1	95.7367	Before	Interior Girder 1	39.3167	0.95	1	1	13.311837
SU5_str	BOBJ1	95.7367	Before	Interior Girder 2	39.3167	0.95	1	1	11.527372
SU5_str	BOBJ1	95.7367	Before	Interior Girder 3	39.3167	0.95	1	1	9.759811
SU5_str	BOBJ1	95.7367	Before	Interior Girder 4	39.3167	0.95	1	1	9.759811
SU5_str	BOBJ1	95.7367	Before	Interior Girder 5	39.3167	0.95	1	1	11.527372
SU5_str	BOBJ1	95.7367	Before	Interior Girder 6	39.3167	0.95	1	1	13.311837
SU5_str	BOBJ1	95.7367	Before	Right Exterior Girder	39.3167	0.95	1	1	20.478974
SU5_str	BOBJ1	95.7367	After	Left Exterior Girder	39.3167	0.95	1	1	15.95839
SU5_str	BOBJ1	95.7367	After	Interior Girder 1	39.3167	0.95	1	1	10.331791
SU5_str	BOBJ1	95.7367	After	Interior Girder 2	39.3167	0.95	1	1	9.51453
SU5_str	BOBJ1	95.7367	After	Interior Girder 3	39.3167	0.95	1	1	8.335807
SU5_str	BOBJ1	95.7367	After	Interior Girder 4	39.3167	0.95	1	1	8.335807
SU5_str	BOBJ1	95.7367	After	Interior Girder 5	39.3167	0.95	1	1	9.51453

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Approach, Span 12-1									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
SU5_str	BOBJ1	95.7367	After	Interior Girder 6	39.3167	0.95	1	1	10.331791
SU5_str	BOBJ1	95.7367	After	Right Exterior Girder	39.3167	0.95	1	1	15.95839
SU5_str	BOBJ1	101.3533	Before	Left Exterior Girder	44.9333	0.95	1	1	15.780008
SU5_str	BOBJ1	101.3533	Before	Interior Girder 1	44.9333	0.95	1	1	10.172598
SU5_str	BOBJ1	101.3533	Before	Interior Girder 2	44.9333	0.95	1	1	9.368378
SU5_str	BOBJ1	101.3533	Before	Interior Girder 3	44.9333	0.95	1	1	8.207544
SU5_str	BOBJ1	101.3533	Before	Interior Girder 4	44.9333	0.95	1	1	8.207544
SU5_str	BOBJ1	101.3533	Before	Interior Girder 5	44.9333	0.95	1	1	9.368378
SU5_str	BOBJ1	101.3533	Before	Interior Girder 6	44.9333	0.95	1	1	10.172598
SU5_str	BOBJ1	101.3533	Before	Right Exterior Girder	44.9333	0.95	1	1	15.780008
SU5_str	BOBJ1	101.3533	After	Left Exterior Girder	44.9333	0.95	1	1	13.138416
SU5_str	BOBJ1	101.3533	After	Interior Girder 1	44.9333	0.95	1	1	7.988067
SU5_str	BOBJ1	101.3533	After	Interior Girder 2	44.9333	0.95	1	1	7.385866
SU5_str	BOBJ1	101.3533	After	Interior Girder 3	44.9333	0.95	1	1	6.375929
SU5_str	BOBJ1	101.3533	After	Interior Girder 4	44.9333	0.95	1	1	6.375929
SU5_str	BOBJ1	101.3533	After	Interior Girder 5	44.9333	0.95	1	1	7.385866
SU5_str	BOBJ1	101.3533	After	Interior Girder 6	44.9333	0.95	1	1	7.988067
SU5_str	BOBJ1	101.3533	After	Right Exterior Girder	44.9333	0.95	1	1	13.138416
SU5_str	BOBJ1	106.97	Before	Left Exterior Girder	50.55	0.95	1	1	12.986472
SU5_str	BOBJ1	106.97	Before	Interior Girder 1	50.55	0.95	1	1	7.862478
SU5_str	BOBJ1	106.97	Before	Interior Girder 2	50.55	0.95	1	1	7.270027
SU5_str	BOBJ1	106.97	Before	Interior Girder 3	50.55	0.95	1	1	6.275634
SU5_str	BOBJ1	106.97	Before	Interior Girder 4	50.55	0.95	1	1	6.275634
SU5_str	BOBJ1	106.97	Before	Interior Girder 5	50.55	0.95	1	1	7.270027
SU5_str	BOBJ1	106.97	Before	Interior Girder 6	50.55	0.95	1	1	7.862478
SU5_str	BOBJ1	106.97	Before	Right Exterior Girder	50.55	0.95	1	1	12.986471
SU5_str	BOBJ1	106.97	After	Left Exterior Girder	50.55	0.95	1	1	9.704171
SU5_str	BOBJ1	106.97	After	Interior Girder 1	50.55	0.95	1	1	7.638469
SU5_str	BOBJ1	106.97	After	Interior Girder 2	50.55	0.95	1	1	6.989138
SU5_str	BOBJ1	106.97	After	Interior Girder 3	50.55	0.95	1	1	6.305873
SU5_str	BOBJ1	106.97	After	Interior Girder 4	50.55	0.95	1	1	6.305873
SU5_str	BOBJ1	106.97	After	Interior Girder 5	50.55	0.95	1	1	6.989138
SU5_str	BOBJ1	106.97	After	Interior Girder 6	50.55	0.95	1	1	7.638469
SU5_str	BOBJ1	106.97	After	Right Exterior Girder	50.55	0.95	1	1	9.704171
SU5_str	BOBJ1	112.5933	Before	Left Exterior Girder	56.1733	0.95	1	1	9.587731
SU5_str	BOBJ1	112.5933	Before	Interior Girder 1	56.1733	0.95	1	1	7.515465
SU5_str	BOBJ1	112.5933	Before	Interior Girder 2	56.1733	0.95	1	1	6.877412
SU5_str	BOBJ1	112.5933	Before	Interior Girder 3	56.1733	0.95	1	1	6.203839
SU5_str	BOBJ1	112.5933	Before	Interior Girder 4	56.1733	0.95	1	1	6.203839
SU5_str	BOBJ1	112.5933	Before	Interior Girder 5	56.1733	0.95	1	1	6.877412
SU5_str	BOBJ1	112.5933	Before	Interior Girder 6	56.1733	0.95	1	1	7.515465
SU5_str	BOBJ1	112.5933	Before	Right Exterior Girder	56.1733	0.95	1	1	9.587731
SU5_str	BOBJ1	112.5933	After	Left Exterior Girder	56.1733	0.95	1	1	8.500437
SU5_str	BOBJ1	112.5933	After	Interior Girder 1	56.1733	0.95	1	1	6.231096
SU5_str	BOBJ1	112.5933	After	Interior Girder 2	56.1733	0.95	1	1	5.687711
SU5_str	BOBJ1	112.5933	After	Interior Girder 3	56.1733	0.95	1	1	4.885486
SU5_str	BOBJ1	112.5933	After	Interior Girder 4	56.1733	0.95	1	1	4.885486
SU5_str	BOBJ1	112.5933	After	Interior Girder 5	56.1733	0.95	1	1	5.687711
SU5_str	BOBJ1	112.5933	After	Interior Girder 6	56.1733	0.95	1	1	6.231096
SU5_str	BOBJ1	112.5933	After	Right Exterior Girder	56.1733	0.95	1	1	8.500437
SU5_str	BOBJ1	115.3396	Before	Left Exterior Girder	58.9196	0.95	1	1	8.448777
SU5_str	BOBJ1	115.3396	Before	Right Exterior Girder	58.9196	0.95	1	1	8.448777
SU5_str	BOBJ1	115.3396	After	Left Exterior Girder	58.9196	0.95	1	1	8.059028
SU5_str	BOBJ1	115.3396	After	Right Exterior Girder	58.9196	0.95	1	1	8.059028
SU5_str	BOBJ1	118.2167	Before	Left Exterior Girder	61.7967	0.95	1	1	7.998832
SU5_str	BOBJ1	118.2167	Before	Interior Girder 1	61.9198	0.95	1	1	6.189452
SU5_str	BOBJ1	118.2167	Before	Interior Girder 2	61.9198	0.95	1	1	5.594876
SU5_str	BOBJ1	118.2167	Before	Interior Girder 3	61.9198	0.95	1	1	4.804506
SU5_str	BOBJ1	118.2167	Before	Interior Girder 4	61.9198	0.95	1	1	4.804506
SU5_str	BOBJ1	118.2167	Before	Interior Girder 5	61.9198	0.95	1	1	5.594876
SU5_str	BOBJ1	118.2167	Before	Interior Girder 6	61.9198	0.95	1	1	6.189452
SU5_str	BOBJ1	118.2167	Before	Right Exterior Girder	61.7967	0.95	1	1	7.998832
SU5_str	BOBJ1	118.2167	After	Left Exterior Girder	61.7967	0.95	1	1	7.891292
SU5_str	BOBJ1	118.2167	After	Interior Girder 1	61.9198	0.95	1	1	5.006922
SU5_str	BOBJ1	118.2167	After	Interior Girder 2	61.9198	0.95	1	1	4.629926

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Approach, Span 12-1									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
SU5_str	BOBJ1	118.2167	After	Interior Girder 3	61.9198	0.95	1	1	3.763698
SU5_str	BOBJ1	118.2167	After	Interior Girder 4	61.9198	0.95	1	1	3.763698
SU5_str	BOBJ1	118.2167	After	Interior Girder 5	61.9198	0.95	1	1	4.629926
SU5_str	BOBJ1	118.2167	After	Interior Girder 6	61.9198	0.95	1	1	5.006922
SU5_str	BOBJ1	118.2167	After	Right Exterior Girder	61.7967	0.95	1	1	7.891292
SU5_str	BOBJ1	123.84	Before	Left Exterior Girder	67.42	0.95	1	1	7.772997
SU5_str	BOBJ1	123.84	Before	Interior Girder 1	67.42	0.95	1	1	4.918862
SU5_str	BOBJ1	123.84	Before	Interior Girder 2	67.42	0.95	1	1	4.549029
SU5_str	BOBJ1	123.84	Before	Interior Girder 3	67.42	0.95	1	1	3.696545
SU5_str	BOBJ1	123.84	Before	Interior Girder 4	67.42	0.95	1	1	3.696545
SU5_str	BOBJ1	123.84	Before	Interior Girder 5	67.42	0.95	1	1	4.549029
SU5_str	BOBJ1	123.84	Before	Interior Girder 6	67.42	0.95	1	1	4.918862
SU5_str	BOBJ1	123.84	Before	Right Exterior Girder	67.42	0.95	1	1	7.772997
SU5_str	BOBJ1	123.84	After	Left Exterior Girder	0	0.95	1	1	7.853493
SU5_str	BOBJ1	123.84	After	Interior Girder 1	0	0.95	1	1	4.977441
SU5_str	BOBJ1	123.84	After	Interior Girder 2	0	0.95	1	1	4.605922
SU5_str	BOBJ1	123.84	After	Interior Girder 3	0	0.95	1	1	3.719899
SU5_str	BOBJ1	123.84	After	Interior Girder 4	0	0.95	1	1	3.719899
SU5_str	BOBJ1	123.84	After	Interior Girder 5	0	0.95	1	1	4.605922
SU5_str	BOBJ1	123.84	After	Interior Girder 6	0	0.95	1	1	4.977441
SU5_str	BOBJ1	123.84	After	Right Exterior Girder	0	0.95	1	1	7.853493
SU5_str	BOBJ1	129.34	Before	Interior Girder 1	5.5	0.95	1	1	5.064692
SU5_str	BOBJ1	129.34	Before	Interior Girder 2	5.5	0.95	1	1	4.686031
SU5_str	BOBJ1	129.34	Before	Interior Girder 3	5.5	0.95	1	1	3.786154
SU5_str	BOBJ1	129.34	Before	Interior Girder 4	5.5	0.95	1	1	3.786154
SU5_str	BOBJ1	129.34	Before	Interior Girder 5	5.5	0.95	1	1	4.686031
SU5_str	BOBJ1	129.34	Before	Interior Girder 6	5.5	0.95	1	1	5.064692
SU5_str	BOBJ1	129.34	After	Interior Girder 1	5.5	0.95	1	1	4.815328
SU5_str	BOBJ1	129.34	After	Interior Girder 2	5.5	0.95	1	1	4.824226
SU5_str	BOBJ1	129.34	After	Interior Girder 3	5.5	0.95	1	1	3.88455
SU5_str	BOBJ1	129.34	After	Interior Girder 4	5.5	0.95	1	1	3.88455
SU5_str	BOBJ1	129.34	After	Interior Girder 5	5.5	0.95	1	1	4.824226
SU5_str	BOBJ1	129.34	After	Interior Girder 6	5.5	0.95	1	1	4.815328
SU5_str	BOBJ1	130.79	Before	Left Exterior Girder	6.95	0.95	1	1	6.850312
SU5_str	BOBJ1	130.79	Before	Interior Girder 1	6.95	0.95	1	1	4.836443
SU5_str	BOBJ1	130.79	Before	Interior Girder 2	6.95	0.95	1	1	4.844894
SU5_str	BOBJ1	130.79	Before	Interior Girder 3	6.95	0.95	1	1	3.901549
SU5_str	BOBJ1	130.79	Before	Interior Girder 4	6.95	0.95	1	1	3.901549
SU5_str	BOBJ1	130.79	Before	Interior Girder 5	6.95	0.95	1	1	4.844894
SU5_str	BOBJ1	130.79	Before	Interior Girder 6	6.95	0.95	1	1	4.836443
SU5_str	BOBJ1	130.79	Before	Right Exterior Girder	6.95	0.95	1	1	6.850312
SU5_str	BOBJ1	130.79	After	Left Exterior Girder	6.95	0.95	1	1	7.23718
SU5_str	BOBJ1	130.79	After	Interior Girder 1	6.95	0.95	1	1	6.415658
SU5_str	BOBJ1	130.79	After	Interior Girder 2	6.95	0.95	1	1	6.199714
SU5_str	BOBJ1	130.79	After	Interior Girder 3	6.95	0.95	1	1	5.49833
SU5_str	BOBJ1	130.79	After	Interior Girder 4	6.95	0.95	1	1	5.49833
SU5_str	BOBJ1	130.79	After	Interior Girder 5	6.95	0.95	1	1	6.199714
SU5_str	BOBJ1	130.79	After	Interior Girder 6	6.95	0.95	1	1	6.415658
SU5_str	BOBJ1	130.79	After	Right Exterior Girder	6.95	0.95	1	1	7.23718
SU5_str	BOBJ1	132.34	Before	Left Exterior Girder	8.5	0.95	1	1	7.266906
SU5_str	BOBJ1	132.34	Before	Right Exterior Girder	8.5	0.95	1	1	7.266906
SU5_str	BOBJ1	132.34	After	Left Exterior Girder	8.5	0.95	1	1	8.743939
SU5_str	BOBJ1	132.34	After	Right Exterior Girder	8.5	0.95	1	1	8.743939
SU5_str	BOBJ1	137.74	Before	Left Exterior Girder	13.9	0.95	1	1	8.848251
SU5_str	BOBJ1	137.74	Before	Interior Girder 1	13.9	0.95	1	1	6.907966
SU5_str	BOBJ1	137.74	Before	Interior Girder 2	13.9	0.95	1	1	6.32618
SU5_str	BOBJ1	137.74	Before	Interior Girder 3	13.9	0.95	1	1	5.612329
SU5_str	BOBJ1	137.74	Before	Interior Girder 4	13.9	0.95	1	1	5.612329
SU5_str	BOBJ1	137.74	Before	Interior Girder 5	13.9	0.95	1	1	6.32618
SU5_str	BOBJ1	137.74	Before	Interior Girder 6	13.9	0.95	1	1	6.907966
SU5_str	BOBJ1	137.74	Before	Right Exterior Girder	13.9	0.95	1	1	8.848251
SU5_str	BOBJ1	137.74	After	Left Exterior Girder	13.9	0.95	1	1	11.585769
SU5_str	BOBJ1	137.74	After	Interior Girder 1	13.9	0.95	1	1	7.293872
SU5_str	BOBJ1	137.74	After	Interior Girder 2	13.9	0.95	1	1	6.768024
SU5_str	BOBJ1	137.74	After	Interior Girder 3	13.9	0.95	1	1	5.868215

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Approach, Span 12-1									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
SU5_str	BOBJ1	137.74	After	Interior Girder 4	13.9	0.95	1	1	5.868215
SU5_str	BOBJ1	137.74	After	Interior Girder 5	13.9	0.95	1	1	6.768024
SU5_str	BOBJ1	137.74	After	Interior Girder 6	13.9	0.95	1	1	7.293872
SU5_str	BOBJ1	137.74	After	Right Exterior Girder	13.9	0.95	1	1	11.585769
SU5_str	BOBJ1	143.7733	Before	Left Exterior Girder	19.9333	0.95	1	1	11.734183
SU5_str	BOBJ1	143.7733	Before	Interior Girder 1	19.9333	0.95	1	1	7.420602
SU5_str	BOBJ1	143.7733	Before	Interior Girder 2	19.9333	0.95	1	1	6.88529
SU5_str	BOBJ1	143.7733	Before	Interior Girder 3	19.9333	0.95	1	1	5.970287
SU5_str	BOBJ1	143.7733	Before	Interior Girder 4	19.9333	0.95	1	1	5.970287
SU5_str	BOBJ1	143.7733	Before	Interior Girder 5	19.9333	0.95	1	1	6.88529
SU5_str	BOBJ1	143.7733	Before	Interior Girder 6	19.9333	0.95	1	1	7.420602
SU5_str	BOBJ1	143.7733	Before	Right Exterior Girder	19.9333	0.95	1	1	11.734183
SU5_str	BOBJ1	143.7733	After	Left Exterior Girder	19.9333	0.95	1	1	14.028809
SU5_str	BOBJ1	143.7733	After	Interior Girder 1	19.9333	0.95	1	1	9.49897
SU5_str	BOBJ1	143.7733	After	Interior Girder 2	19.9333	0.95	1	1	8.691559
SU5_str	BOBJ1	143.7733	After	Interior Girder 3	19.9333	0.95	1	1	7.763984
SU5_str	BOBJ1	143.7733	After	Interior Girder 4	19.9333	0.95	1	1	7.763984
SU5_str	BOBJ1	143.7733	After	Interior Girder 5	19.9333	0.95	1	1	8.691559
SU5_str	BOBJ1	143.7733	After	Interior Girder 6	19.9333	0.95	1	1	9.49897
SU5_str	BOBJ1	143.7733	After	Right Exterior Girder	19.9333	0.95	1	1	14.028809
SU5_str	BOBJ1	149.8067	Before	Left Exterior Girder	25.9667	0.95	1	1	14.201853
SU5_str	BOBJ1	149.8067	Before	Interior Girder 1	25.9667	0.95	1	1	9.660403
SU5_str	BOBJ1	149.8067	Before	Interior Girder 2	25.9667	0.95	1	1	8.838755
SU5_str	BOBJ1	149.8067	Before	Interior Girder 3	25.9667	0.95	1	1	7.895761
SU5_str	BOBJ1	149.8067	Before	Interior Girder 4	25.9667	0.95	1	1	7.895761
SU5_str	BOBJ1	149.8067	Before	Interior Girder 5	25.9667	0.95	1	1	8.838755
SU5_str	BOBJ1	149.8067	Before	Interior Girder 6	25.9667	0.95	1	1	9.660403
SU5_str	BOBJ1	149.8067	Before	Right Exterior Girder	25.9667	0.95	1	1	14.201853
SU5_str	BOBJ1	149.8067	After	Left Exterior Girder	25.9667	0.95	1	1	18.138525
SU5_str	BOBJ1	149.8067	After	Interior Girder 1	25.9667	0.95	1	1	12.585696
SU5_str	BOBJ1	149.8067	After	Interior Girder 2	25.9667	0.95	1	1	11.450161
SU5_str	BOBJ1	149.8067	After	Interior Girder 3	25.9667	0.95	1	1	10.347809
SU5_str	BOBJ1	149.8067	After	Interior Girder 4	25.9667	0.95	1	1	10.347809
SU5_str	BOBJ1	149.8067	After	Interior Girder 5	25.9667	0.95	1	1	11.450161
SU5_str	BOBJ1	149.8067	After	Interior Girder 6	25.9667	0.95	1	1	12.585696
SU5_str	BOBJ1	149.8067	After	Right Exterior Girder	25.9667	0.95	1	1	18.138525
SU5_str	BOBJ1	155.84	Before	Left Exterior Girder	32	0.95	1	1	18.354395
SU5_str	BOBJ1	155.84	Before	Interior Girder 1	32	0.95	1	1	12.794866
SU5_str	BOBJ1	155.84	Before	Interior Girder 2	32	0.95	1	1	11.63972
SU5_str	BOBJ1	155.84	Before	Interior Girder 3	32	0.95	1	1	10.29496
SU5_str	BOBJ1	155.84	Before	Interior Girder 4	32	0.95	1	1	10.29496
SU5_str	BOBJ1	155.84	Before	Interior Girder 5	32	0.95	1	1	11.63972
SU5_str	BOBJ1	155.84	Before	Interior Girder 6	32	0.95	1	1	12.794866
SU5_str	BOBJ1	155.84	Before	Right Exterior Girder	32	0.95	1	1	18.354395
SU5_str	BOBJ1	155.84	After	Left Exterior Girder	32	0.95	1	1	22.451895
SU5_str	BOBJ1	155.84	After	Interior Girder 1	32	0.95	1	1	12.538921
SU5_str	BOBJ1	155.84	After	Interior Girder 2	32	0.95	1	1	10.911313
SU5_str	BOBJ1	155.84	After	Interior Girder 3	32	0.95	1	1	9.237621
SU5_str	BOBJ1	155.84	After	Interior Girder 4	32	0.95	1	1	9.237621
SU5_str	BOBJ1	155.84	After	Interior Girder 5	32	0.95	1	1	10.911313
SU5_str	BOBJ1	155.84	After	Interior Girder 6	32	0.95	1	1	12.538921
SU5_str	BOBJ1	155.84	After	Right Exterior Girder	32	0.95	1	1	22.451895
SU5_str	BOBJ1	161.8733	Before	Left Exterior Girder	38.0333	0.95	1	1	22.193594
SU5_str	BOBJ1	161.8733	Before	Interior Girder 1	38.0333	0.95	1	1	12.741308
SU5_str	BOBJ1	161.8733	Before	Interior Girder 2	38.0333	0.95	1	1	11.088043
SU5_str	BOBJ1	161.8733	Before	Interior Girder 3	38.0333	0.95	1	1	9.387162
SU5_str	BOBJ1	161.8733	Before	Interior Girder 4	38.0333	0.95	1	1	9.387162
SU5_str	BOBJ1	161.8733	Before	Interior Girder 5	38.0333	0.95	1	1	11.088043
SU5_str	BOBJ1	161.8733	Before	Interior Girder 6	38.0333	0.95	1	1	12.741308
SU5_str	BOBJ1	161.8733	Before	Right Exterior Girder	38.0333	0.95	1	1	22.193594
SU5_str	BOBJ1	161.8733	After	Left Exterior Girder	38.0333	0.95	1	1	16.761259
SU5_str	BOBJ1	161.8733	After	Interior Girder 1	38.0333	0.95	1	1	10.667858
SU5_str	BOBJ1	161.8733	After	Interior Girder 2	38.0333	0.95	1	1	9.853523
SU5_str	BOBJ1	161.8733	After	Interior Girder 3	38.0333	0.95	1	1	8.640151
SU5_str	BOBJ1	161.8733	After	Interior Girder 4	38.0333	0.95	1	1	8.640151

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Approach, Span 12-1									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
SU5_str	BOBJ1	161.8733	After	Interior Girder 5	38.0333	0.95	1	1	9.853523
SU5_str	BOBJ1	161.8733	After	Interior Girder 6	38.0333	0.95	1	1	10.667858
SU5_str	BOBJ1	161.8733	After	Right Exterior Girder	38.0333	0.95	1	1	16.761259
SU5_str	BOBJ1	167.9067	Before	Left Exterior Girder	44.0667	0.95	1	1	16.561661
SU5_str	BOBJ1	167.9067	Before	Interior Girder 1	44.0667	0.95	1	1	10.492375
SU5_str	BOBJ1	167.9067	Before	Interior Girder 2	44.0667	0.95	1	1	9.691943
SU5_str	BOBJ1	167.9067	Before	Interior Girder 3	44.0667	0.95	1	1	8.498312
SU5_str	BOBJ1	167.9067	Before	Interior Girder 4	44.0667	0.95	1	1	8.498312
SU5_str	BOBJ1	167.9067	Before	Interior Girder 5	44.0667	0.95	1	1	9.691943
SU5_str	BOBJ1	167.9067	Before	Interior Girder 6	44.0667	0.95	1	1	10.492375
SU5_str	BOBJ1	167.9067	Before	Right Exterior Girder	44.0667	0.95	1	1	16.561661
SU5_str	BOBJ1	167.9067	After	Left Exterior Girder	44.0667	0.95	1	1	13.492093
SU5_str	BOBJ1	167.9067	After	Interior Girder 1	44.0667	0.95	1	1	8.10624
SU5_str	BOBJ1	167.9067	After	Interior Girder 2	44.0667	0.95	1	1	7.507773
SU5_str	BOBJ1	167.9067	After	Interior Girder 3	44.0667	0.95	1	1	6.503883
SU5_str	BOBJ1	167.9067	After	Interior Girder 4	44.0667	0.95	1	1	6.503883
SU5_str	BOBJ1	167.9067	After	Interior Girder 5	44.0667	0.95	1	1	7.507773
SU5_str	BOBJ1	167.9067	After	Interior Girder 6	44.0667	0.95	1	1	8.10624
SU5_str	BOBJ1	167.9067	After	Right Exterior Girder	44.0667	0.95	1	1	13.492093
SU5_str	BOBJ1	173.94	Before	Left Exterior Girder	50.1	0.95	1	1	13.325499
SU5_str	BOBJ1	173.94	Before	Interior Girder 1	50.1	0.95	1	1	7.969978
SU5_str	BOBJ1	173.94	Before	Interior Girder 2	50.1	0.95	1	1	7.381885
SU5_str	BOBJ1	173.94	Before	Interior Girder 3	50.1	0.95	1	1	6.394576
SU5_str	BOBJ1	173.94	Before	Interior Girder 4	50.1	0.95	1	1	6.394576
SU5_str	BOBJ1	173.94	Before	Interior Girder 5	50.1	0.95	1	1	7.381885
SU5_str	BOBJ1	173.94	Before	Interior Girder 6	50.1	0.95	1	1	7.969978
SU5_str	BOBJ1	173.94	Before	Right Exterior Girder	50.1	0.95	1	1	13.325499
SU5_str	BOBJ1	173.94	After	Left Exterior Girder	50.1	0.95	1	1	9.651633
SU5_str	BOBJ1	173.94	After	Interior Girder 1	50.1	0.95	1	1	7.784015
SU5_str	BOBJ1	173.94	After	Interior Girder 2	50.1	0.95	1	1	7.103014
SU5_str	BOBJ1	173.94	After	Interior Girder 3	50.1	0.95	1	1	6.485632
SU5_str	BOBJ1	173.94	After	Interior Girder 4	50.1	0.95	1	1	6.485632
SU5_str	BOBJ1	173.94	After	Interior Girder 5	50.1	0.95	1	1	7.103014
SU5_str	BOBJ1	173.94	After	Interior Girder 6	50.1	0.95	1	1	7.784015
SU5_str	BOBJ1	173.94	After	Right Exterior Girder	50.1	0.95	1	1	9.651633
SU5_str	BOBJ1	179.98	Before	Left Exterior Girder	56.14	0.95	1	1	9.527722
SU5_str	BOBJ1	179.98	Before	Interior Girder 1	56.14	0.95	1	1	7.649782
SU5_str	BOBJ1	179.98	Before	Interior Girder 2	56.14	0.95	1	1	6.981443
SU5_str	BOBJ1	179.98	Before	Interior Girder 3	56.14	0.95	1	1	6.37336
SU5_str	BOBJ1	179.98	Before	Interior Girder 4	56.14	0.95	1	1	6.37336
SU5_str	BOBJ1	179.98	Before	Interior Girder 5	56.14	0.95	1	1	6.981443
SU5_str	BOBJ1	179.98	Before	Interior Girder 6	56.14	0.95	1	1	7.649782
SU5_str	BOBJ1	179.98	Before	Right Exterior Girder	56.14	0.95	1	1	9.527722
SU5_str	BOBJ1	179.98	After	Left Exterior Girder	56.14	0.95	1	1	8.491062
SU5_str	BOBJ1	179.98	After	Interior Girder 1	56.14	0.95	1	1	6.226253
SU5_str	BOBJ1	179.98	After	Interior Girder 2	56.14	0.95	1	1	5.710196
SU5_str	BOBJ1	179.98	After	Interior Girder 3	56.14	0.95	1	1	4.954439
SU5_str	BOBJ1	179.98	After	Interior Girder 4	56.14	0.95	1	1	4.954439
SU5_str	BOBJ1	179.98	After	Interior Girder 5	56.14	0.95	1	1	5.710196
SU5_str	BOBJ1	179.98	After	Interior Girder 6	56.14	0.95	1	1	6.226253
SU5_str	BOBJ1	179.98	After	Right Exterior Girder	56.14	0.95	1	1	8.491062
SU5_str	BOBJ1	183.56	Before	Left Exterior Girder	59.72	0.95	1	1	8.423986
SU5_str	BOBJ1	183.56	Before	Right Exterior Girder	59.72	0.95	1	1	8.423986
SU5_str	BOBJ1	183.56	After	Left Exterior Girder	59.72	0.95	1	1	7.780991
SU5_str	BOBJ1	183.56	After	Right Exterior Girder	59.72	0.95	1	1	7.780991
SU5_str	BOBJ1	186.02	Before	Left Exterior Girder	62.18	0.95	1	1	7.730223
SU5_str	BOBJ1	186.02	Before	Interior Girder 1	62.22	0.95	1	1	6.301653
SU5_str	BOBJ1	186.02	Before	Interior Girder 2	62.22	0.95	1	1	5.610255
SU5_str	BOBJ1	186.02	Before	Interior Girder 3	62.22	0.95	1	1	4.866433
SU5_str	BOBJ1	186.02	Before	Interior Girder 4	62.22	0.95	1	1	4.866433
SU5_str	BOBJ1	186.02	Before	Interior Girder 5	62.22	0.95	1	1	5.610255
SU5_str	BOBJ1	186.02	Before	Interior Girder 6	62.22	0.95	1	1	6.301653
SU5_str	BOBJ1	186.02	Before	Right Exterior Girder	62.18	0.95	1	1	7.730223
SU5_str	BOBJ1	186.02	After	Left Exterior Girder	62.18	0.95	1	1	7.784378
SU5_str	BOBJ1	186.02	After	Interior Girder 1	62.22	0.95	1	1	4.994714

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Approach, Span 12-1									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
SU5_str	BOBJ1	186.02	After	Interior Girder 2	62.22	0.95	1	1	4.622306
SU5_str	BOBJ1	186.02	After	Interior Girder 3	62.22	0.95	1	1	3.770697
SU5_str	BOBJ1	186.02	After	Interior Girder 4	62.22	0.95	1	1	3.770697
SU5_str	BOBJ1	186.02	After	Interior Girder 5	62.22	0.95	1	1	4.622306
SU5_str	BOBJ1	186.02	After	Interior Girder 6	62.22	0.95	1	1	4.994714
SU5_str	BOBJ1	186.02	After	Right Exterior Girder	62.18	0.95	1	1	7.784378
SU5_str	BOBJ1	192.06	Before	Left Exterior Girder	68.22	0.95	1	1	7.656684
SU5_str	BOBJ1	192.06	Before	Interior Girder 1	68.22	0.95	1	1	4.899495
SU5_str	BOBJ1	192.06	Before	Interior Girder 2	68.22	0.95	1	1	4.534757
SU5_str	BOBJ1	192.06	Before	Interior Girder 3	68.22	0.95	1	1	3.697784
SU5_str	BOBJ1	192.06	Before	Interior Girder 4	68.22	0.95	1	1	3.697784
SU5_str	BOBJ1	192.06	Before	Interior Girder 5	68.22	0.95	1	1	4.534757
SU5_str	BOBJ1	192.06	Before	Interior Girder 6	68.22	0.95	1	1	4.899495
SU5_str	BOBJ1	192.06	Before	Right Exterior Girder	68.22	0.95	1	1	7.656684
SU5_str	BOBJ1	192.06	After	Left Exterior Girder	0	0.95	1	1	7.689988
SU5_str	BOBJ1	192.06	After	Interior Girder 1	0	0.95	1	1	4.987013
SU5_str	BOBJ1	192.06	After	Interior Girder 2	0	0.95	1	1	4.617122
SU5_str	BOBJ1	192.06	After	Interior Girder 3	0	0.95	1	1	3.624609
SU5_str	BOBJ1	192.06	After	Interior Girder 4	0	0.95	1	1	3.624609
SU5_str	BOBJ1	192.06	After	Interior Girder 5	0	0.95	1	1	4.617122
SU5_str	BOBJ1	192.06	After	Interior Girder 6	0	0.95	1	1	4.987013
SU5_str	BOBJ1	192.06	After	Right Exterior Girder	0	0.95	1	1	7.689988
SU5_str	BOBJ1	197.087	Before	Interior Girder 1	5.027	0.95	1	1	5.068274
SU5_str	BOBJ1	197.087	Before	Interior Girder 2	5.027	0.95	1	1	4.691516
SU5_str	BOBJ1	197.087	Before	Interior Girder 3	5.027	0.95	1	1	3.685083
SU5_str	BOBJ1	197.087	Before	Interior Girder 4	5.027	0.95	1	1	3.685083
SU5_str	BOBJ1	197.087	Before	Interior Girder 5	5.027	0.95	1	1	4.691516
SU5_str	BOBJ1	197.087	Before	Interior Girder 6	5.027	0.95	1	1	5.068274
SU5_str	BOBJ1	197.087	After	Interior Girder 1	5.027	0.95	1	1	4.917495
SU5_str	BOBJ1	197.087	After	Interior Girder 2	5.027	0.95	1	1	5.337424
SU5_str	BOBJ1	197.087	After	Interior Girder 3	5.027	0.95	1	1	4.34791
SU5_str	BOBJ1	197.087	After	Interior Girder 4	5.027	0.95	1	1	4.34791
SU5_str	BOBJ1	197.087	After	Interior Girder 5	5.027	0.95	1	1	5.337424
SU5_str	BOBJ1	197.087	After	Interior Girder 6	5.027	0.95	1	1	4.917495
SU5_str	BOBJ1	197.91	Before	Left Exterior Girder	5.85	0.95	1	1	7.285042
SU5_str	BOBJ1	197.91	Before	Interior Girder 1	5.85	0.95	1	1	4.929925
SU5_str	BOBJ1	197.91	Before	Interior Girder 2	5.85	0.95	1	1	5.350489
SU5_str	BOBJ1	197.91	Before	Interior Girder 3	5.85	0.95	1	1	4.358894
SU5_str	BOBJ1	197.91	Before	Interior Girder 4	5.85	0.95	1	1	4.358894
SU5_str	BOBJ1	197.91	Before	Interior Girder 5	5.85	0.95	1	1	5.350489
SU5_str	BOBJ1	197.91	Before	Interior Girder 6	5.85	0.95	1	1	4.929925
SU5_str	BOBJ1	197.91	Before	Right Exterior Girder	5.85	0.95	1	1	7.285042
SU5_str	BOBJ1	197.91	After	Left Exterior Girder	5.85	0.95	1	1	7.470093
SU5_str	BOBJ1	197.91	After	Interior Girder 1	5.85	0.95	1	1	4.963757
SU5_str	BOBJ1	197.91	After	Interior Girder 2	5.85	0.95	1	1	5.285304
SU5_str	BOBJ1	197.91	After	Interior Girder 3	5.85	0.95	1	1	4.473042
SU5_str	BOBJ1	197.91	After	Interior Girder 4	5.85	0.95	1	1	4.473042
SU5_str	BOBJ1	197.91	After	Interior Girder 5	5.85	0.95	1	1	5.285304
SU5_str	BOBJ1	197.91	After	Interior Girder 6	5.85	0.95	1	1	4.963757
SU5_str	BOBJ1	197.91	After	Right Exterior Girder	5.85	0.95	1	1	7.470093
SU5_str	BOBJ1	199.1816	Before	Left Exterior Girder	7.1216	0.95	1	1	7.496117
SU5_str	BOBJ1	199.1816	Before	Right Exterior Girder	7.1216	0.95	1	1	7.496117
SU5_str	BOBJ1	199.1816	After	Left Exterior Girder	7.1216	0.95	1	1	8.852415
SU5_str	BOBJ1	199.1816	After	Right Exterior Girder	7.1216	0.95	1	1	8.852415
SU5_str	BOBJ1	203.5267	Before	Left Exterior Girder	11.3107	0.95	1	1	8.943571
SU5_str	BOBJ1	203.5267	Before	Interior Girder 1	11.3107	0.95	1	1	5.79043
SU5_str	BOBJ1	203.5267	Before	Interior Girder 2	11.3107	0.95	1	1	5.373853
SU5_str	BOBJ1	203.5267	Before	Interior Girder 3	11.3107	0.95	1	1	4.548867
SU5_str	BOBJ1	203.5267	Before	Interior Girder 4	11.3107	0.95	1	1	4.548867
SU5_str	BOBJ1	203.5267	Before	Interior Girder 5	11.3107	0.95	1	1	5.373853
SU5_str	BOBJ1	203.5267	Before	Interior Girder 6	11.3107	0.95	1	1	5.79043
SU5_str	BOBJ1	203.5267	Before	Right Exterior Girder	11.3107	0.95	1	1	8.943571
SU5_str	BOBJ1	203.5267	After	Left Exterior Girder	11.3107	0.95	1	1	11.76541
SU5_str	BOBJ1	203.5267	After	Interior Girder 1	11.3107	0.95	1	1	8.250215
SU5_str	BOBJ1	203.5267	After	Interior Girder 2	11.3107	0.95	1	1	7.563895

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Approach, Span 12-1									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
SU5_str	BOBJ1	203.5267	After	Interior Girder 3	11.3107	0.95	1	1	6.686773
SU5_str	BOBJ1	203.5267	After	Interior Girder 4	11.3107	0.95	1	1	6.686773
SU5_str	BOBJ1	203.5267	After	Interior Girder 5	11.3107	0.95	1	1	7.563895
SU5_str	BOBJ1	203.5267	After	Interior Girder 6	11.3107	0.95	1	1	8.250215
SU5_str	BOBJ1	203.5267	After	Right Exterior Girder	11.3107	0.95	1	1	11.76541
SU5_str	BOBJ1	209.1433	Before	Left Exterior Girder	17.0833	0.95	1	1	11.902772
SU5_str	BOBJ1	209.1433	Before	Interior Girder 1	17.0833	0.95	1	1	8.376685
SU5_str	BOBJ1	209.1433	Before	Interior Girder 2	17.0833	0.95	1	1	7.679173
SU5_str	BOBJ1	209.1433	Before	Interior Girder 3	17.0833	0.95	1	1	6.789415
SU5_str	BOBJ1	209.1433	Before	Interior Girder 4	17.0833	0.95	1	1	6.789415
SU5_str	BOBJ1	209.1433	Before	Interior Girder 5	17.0833	0.95	1	1	7.679173
SU5_str	BOBJ1	209.1433	Before	Interior Girder 6	17.0833	0.95	1	1	8.376685
SU5_str	BOBJ1	209.1433	Before	Right Exterior Girder	17.0833	0.95	1	1	11.902772
SU5_str	BOBJ1	209.1433	After	Left Exterior Girder	17.0833	0.95	1	1	14.207811
SU5_str	BOBJ1	209.1433	After	Interior Girder 1	17.0833	0.95	1	1	10.328871
SU5_str	BOBJ1	209.1433	After	Interior Girder 2	17.0833	0.95	1	1	9.410814
SU5_str	BOBJ1	209.1433	After	Interior Girder 3	17.0833	0.95	1	1	8.504608
SU5_str	BOBJ1	209.1433	After	Interior Girder 4	17.0833	0.95	1	1	8.504608
SU5_str	BOBJ1	209.1433	After	Interior Girder 5	17.0833	0.95	1	1	9.410814
SU5_str	BOBJ1	209.1433	After	Interior Girder 6	17.0833	0.95	1	1	10.328871
SU5_str	BOBJ1	209.1433	After	Right Exterior Girder	17.0833	0.95	1	1	14.207811
SU5_str	BOBJ1	214.76	Before	Left Exterior Girder	22.7	0.95	1	1	14.368464
SU5_str	BOBJ1	214.76	Before	Interior Girder 1	22.7	0.95	1	1	10.48417
SU5_str	BOBJ1	214.76	Before	Interior Girder 2	22.7	0.95	1	1	9.551446
SU5_str	BOBJ1	214.76	Before	Interior Girder 3	22.7	0.95	1	1	8.632403
SU5_str	BOBJ1	214.76	Before	Interior Girder 4	22.7	0.95	1	1	8.632403
SU5_str	BOBJ1	214.76	Before	Interior Girder 5	22.7	0.95	1	1	9.551446
SU5_str	BOBJ1	214.76	Before	Interior Girder 6	22.7	0.95	1	1	10.48417
SU5_str	BOBJ1	214.76	Before	Right Exterior Girder	22.7	0.95	1	1	14.368464
SU5_str	BOBJ1	214.76	After	Left Exterior Girder	22.7	0.95	1	1	21.167816
SU5_str	BOBJ1	214.76	After	Interior Girder 1	22.7	0.95	1	1	10.857025
SU5_str	BOBJ1	214.76	After	Interior Girder 2	22.7	0.95	1	1	9.716498
SU5_str	BOBJ1	214.76	After	Interior Girder 3	22.7	0.95	1	1	8.240514
SU5_str	BOBJ1	214.76	After	Interior Girder 4	22.7	0.95	1	1	8.240514
SU5_str	BOBJ1	214.76	After	Interior Girder 5	22.7	0.95	1	1	9.716498
SU5_str	BOBJ1	214.76	After	Interior Girder 6	22.7	0.95	1	1	10.857025
SU5_str	BOBJ1	214.76	After	Right Exterior Girder	22.7	0.95	1	1	21.167816
SU5_str	BOBJ1	220.3767	Before	Left Exterior Girder	28.3167	0.95	1	1	21.400362
SU5_str	BOBJ1	220.3767	Before	Interior Girder 1	28.3167	0.95	1	1	11.016496
SU5_str	BOBJ1	220.3767	Before	Interior Girder 2	28.3167	0.95	1	1	9.859089
SU5_str	BOBJ1	220.3767	Before	Interior Girder 3	28.3167	0.95	1	1	8.361541
SU5_str	BOBJ1	220.3767	Before	Interior Girder 4	28.3167	0.95	1	1	8.361541
SU5_str	BOBJ1	220.3767	Before	Interior Girder 5	28.3167	0.95	1	1	9.859089
SU5_str	BOBJ1	220.3767	Before	Interior Girder 6	28.3167	0.95	1	1	11.016496
SU5_str	BOBJ1	220.3767	Before	Right Exterior Girder	28.3167	0.95	1	1	21.400362
SU5_str	BOBJ1	220.3767	After	Left Exterior Girder	28.3167	0.95	1	1	29.424489
SU5_str	BOBJ1	220.3767	After	Interior Girder 1	28.3167	0.95	1	1	15.107601
SU5_str	BOBJ1	220.3767	After	Interior Girder 2	28.3167	0.95	1	1	13.375239
SU5_str	BOBJ1	220.3767	After	Interior Girder 3	28.3167	0.95	1	1	11.214597
SU5_str	BOBJ1	220.3767	After	Interior Girder 4	28.3167	0.95	1	1	11.214597
SU5_str	BOBJ1	220.3767	After	Interior Girder 5	28.3167	0.95	1	1	13.375239
SU5_str	BOBJ1	220.3767	After	Interior Girder 6	28.3167	0.95	1	1	15.107601
SU5_str	BOBJ1	220.3767	After	Right Exterior Girder	28.3167	0.95	1	1	29.424489
SU5_str	BOBJ1	225.9933	Before	Left Exterior Girder	33.9333	0.95	1	1	29.738235
SU5_str	BOBJ1	225.9933	Before	Interior Girder 1	33.9333	0.95	1	1	15.325343
SU5_str	BOBJ1	225.9933	Before	Interior Girder 2	33.9333	0.95	1	1	13.56778
SU5_str	BOBJ1	225.9933	Before	Interior Girder 3	33.9333	0.95	1	1	11.376044
SU5_str	BOBJ1	225.9933	Before	Interior Girder 4	33.9333	0.95	1	1	11.376044
SU5_str	BOBJ1	225.9933	Before	Interior Girder 5	33.9333	0.95	1	1	13.56778
SU5_str	BOBJ1	225.9933	Before	Interior Girder 6	33.9333	0.95	1	1	15.325343
SU5_str	BOBJ1	225.9933	Before	Right Exterior Girder	33.9333	0.95	1	1	29.738235
SU5_str	BOBJ1	225.9933	After	Left Exterior Girder	33.9333	0.95	1	1	25.998873
SU5_str	BOBJ1	225.9933	After	Interior Girder 1	33.9333	0.95	1	1	12.716432
SU5_str	BOBJ1	225.9933	After	Interior Girder 2	33.9333	0.95	1	1	11.311391
SU5_str	BOBJ1	225.9933	After	Interior Girder 3	33.9333	0.95	1	1	9.644959

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Approach, Span 12-1									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
SU5_str	BOBJ1	225.9933	After	Interior Girder 4	33.9333	0.95	1	1	9.644959
SU5_str	BOBJ1	225.9933	After	Interior Girder 5	33.9333	0.95	1	1	11.311391
SU5_str	BOBJ1	225.9933	After	Interior Girder 6	33.9333	0.95	1	1	12.716432
SU5_str	BOBJ1	225.9933	After	Right Exterior Girder	33.9333	0.95	1	1	25.998873
SU5_str	BOBJ1	231.61	Before	Left Exterior Girder	39.55	0.95	1	1	25.727869
SU5_str	BOBJ1	231.61	Before	Interior Girder 1	39.55	0.95	1	1	12.537388
SU5_str	BOBJ1	231.61	Before	Interior Girder 2	39.55	0.95	1	1	11.151916
SU5_str	BOBJ1	231.61	Before	Interior Girder 3	39.55	0.95	1	1	9.508914
SU5_str	BOBJ1	231.61	Before	Interior Girder 4	39.55	0.95	1	1	9.508914
SU5_str	BOBJ1	231.61	Before	Interior Girder 5	39.55	0.95	1	1	11.151916
SU5_str	BOBJ1	231.61	Before	Interior Girder 6	39.55	0.95	1	1	12.537388
SU5_str	BOBJ1	231.61	Before	Right Exterior Girder	39.55	0.95	1	1	25.727869
SU5_str	BOBJ1	231.61	After	Left Exterior Girder	39.55	0.95	1	1	16.830763
SU5_str	BOBJ1	231.61	After	Interior Girder 1	39.55	0.95	1	1	12.125921
SU5_str	BOBJ1	231.61	After	Interior Girder 2	39.55	0.95	1	1	10.977115
SU5_str	BOBJ1	231.61	After	Interior Girder 3	39.55	0.95	1	1	10.23806
SU5_str	BOBJ1	231.61	After	Interior Girder 4	39.55	0.95	1	1	10.23806
SU5_str	BOBJ1	231.61	After	Interior Girder 5	39.55	0.95	1	1	10.977115
SU5_str	BOBJ1	231.61	After	Interior Girder 6	39.55	0.95	1	1	12.125921
SU5_str	BOBJ1	231.61	After	Right Exterior Girder	39.55	0.95	1	1	16.830763
SU5_str	BOBJ1	237.37	Before	Left Exterior Girder	45.31	0.95	1	1	16.646064
SU5_str	BOBJ1	237.37	Before	Interior Girder 1	45.31	0.95	1	1	11.946538
SU5_str	BOBJ1	237.37	Before	Interior Girder 2	45.31	0.95	1	1	10.8155
SU5_str	BOBJ1	237.37	Before	Interior Girder 3	45.31	0.95	1	1	10.086837
SU5_str	BOBJ1	237.37	Before	Interior Girder 4	45.31	0.95	1	1	10.086837
SU5_str	BOBJ1	237.37	Before	Interior Girder 5	45.31	0.95	1	1	10.8155
SU5_str	BOBJ1	237.37	Before	Interior Girder 6	45.31	0.95	1	1	11.946538
SU5_str	BOBJ1	237.37	Before	Right Exterior Girder	45.31	0.95	1	1	16.646064
SU5_str	BOBJ1	237.37	After	Left Exterior Girder	45.31	0.95	1	1	13.49817
SU5_str	BOBJ1	237.37	After	Interior Girder 1	45.31	0.95	1	1	9.248812
SU5_str	BOBJ1	237.37	After	Interior Girder 2	45.31	0.95	1	1	8.433338
SU5_str	BOBJ1	237.37	After	Interior Girder 3	45.31	0.95	1	1	7.662974
SU5_str	BOBJ1	237.37	After	Interior Girder 4	45.31	0.95	1	1	7.662974
SU5_str	BOBJ1	237.37	After	Interior Girder 5	45.31	0.95	1	1	8.433338
SU5_str	BOBJ1	237.37	After	Interior Girder 6	45.31	0.95	1	1	9.248812
SU5_str	BOBJ1	237.37	After	Right Exterior Girder	45.31	0.95	1	1	13.49817
SU5_str	BOBJ1	243.13	Before	Left Exterior Girder	51.07	0.95	1	1	13.345487
SU5_str	BOBJ1	243.13	Before	Interior Girder 1	51.07	0.95	1	1	9.109245
SU5_str	BOBJ1	243.13	Before	Interior Girder 2	51.07	0.95	1	1	8.306704
SU5_str	BOBJ1	243.13	Before	Interior Girder 3	51.07	0.95	1	1	7.547439
SU5_str	BOBJ1	243.13	Before	Interior Girder 4	51.07	0.95	1	1	7.547439
SU5_str	BOBJ1	243.13	Before	Interior Girder 5	51.07	0.95	1	1	8.306704
SU5_str	BOBJ1	243.13	Before	Interior Girder 6	51.07	0.95	1	1	9.109245
SU5_str	BOBJ1	243.13	Before	Right Exterior Girder	51.07	0.95	1	1	13.345487
SU5_str	BOBJ1	243.13	After	Left Exterior Girder	51.07	0.95	1	1	11.65243
SU5_str	BOBJ1	243.13	After	Interior Girder 1	51.07	0.95	1	1	6.97138
SU5_str	BOBJ1	243.13	After	Interior Girder 2	51.07	0.95	1	1	6.473109
SU5_str	BOBJ1	243.13	After	Interior Girder 3	51.07	0.95	1	1	5.546972
SU5_str	BOBJ1	243.13	After	Interior Girder 4	51.07	0.95	1	1	5.546972
SU5_str	BOBJ1	243.13	After	Interior Girder 5	51.07	0.95	1	1	6.473109
SU5_str	BOBJ1	243.13	After	Interior Girder 6	51.07	0.95	1	1	6.97138
SU5_str	BOBJ1	243.13	After	Right Exterior Girder	51.07	0.95	1	1	11.65243
SU5_str	BOBJ1	248.89	Before	Left Exterior Girder	56.83	0.95	1	1	11.516194
SU5_str	BOBJ1	248.89	Before	Interior Girder 1	56.83	0.95	1	1	6.864285
SU5_str	BOBJ1	248.89	Before	Interior Girder 2	56.83	0.95	1	1	6.373898
SU5_str	BOBJ1	248.89	Before	Interior Girder 3	56.83	0.95	1	1	5.461549
SU5_str	BOBJ1	248.89	Before	Interior Girder 4	56.83	0.95	1	1	5.461549
SU5_str	BOBJ1	248.89	Before	Interior Girder 5	56.83	0.95	1	1	6.373898
SU5_str	BOBJ1	248.89	Before	Interior Girder 6	56.83	0.95	1	1	6.864285
SU5_str	BOBJ1	248.89	Before	Right Exterior Girder	56.83	0.95	1	1	11.516194
SU6_str	BOBJ1	0	After	Left Exterior Girder	0	0.95	1	1	10.665877
SU6_str	BOBJ1	0	After	Interior Girder 1	0	0.95	1	1	7.207501
SU6_str	BOBJ1	0	After	Interior Girder 2	0	0.95	1	1	6.603378
SU6_str	BOBJ1	0	After	Interior Girder 3	0	0.95	1	1	5.789591
SU6_str	BOBJ1	0	After	Interior Girder 4	0	0.95	1	1	5.789591

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Approach, Span 12-1									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
SU6_str	BOBJ1	0	After	Interior Girder 5	0	0.95	1	1	6.603378
SU6_str	BOBJ1	0	After	Interior Girder 6	0	0.95	1	1	7.207501
SU6_str	BOBJ1	0	After	Right Exterior Girder	0	0.95	1	1	10.665877
SU6_str	BOBJ1	5.85	Before	Left Exterior Girder	5.85	0.95	1	1	10.783544
SU6_str	BOBJ1	5.85	Before	Interior Girder 1	5.85	0.95	1	1	7.314457
SU6_str	BOBJ1	5.85	Before	Interior Girder 2	5.85	0.95	1	1	6.700748
SU6_str	BOBJ1	5.85	Before	Interior Girder 3	5.85	0.95	1	1	5.875582
SU6_str	BOBJ1	5.85	Before	Interior Girder 4	5.85	0.95	1	1	5.875582
SU6_str	BOBJ1	5.85	Before	Interior Girder 5	5.85	0.95	1	1	6.700748
SU6_str	BOBJ1	5.85	Before	Interior Girder 6	5.85	0.95	1	1	7.314457
SU6_str	BOBJ1	5.85	Before	Right Exterior Girder	5.85	0.95	1	1	10.783544
SU6_str	BOBJ1	5.85	After	Left Exterior Girder	5.85	0.95	1	1	13.889577
SU6_str	BOBJ1	5.85	After	Interior Girder 1	5.85	0.95	1	1	8.513774
SU6_str	BOBJ1	5.85	After	Interior Girder 2	5.85	0.95	1	1	7.795433
SU6_str	BOBJ1	5.85	After	Interior Girder 3	5.85	0.95	1	1	6.918198
SU6_str	BOBJ1	5.85	After	Interior Girder 4	5.85	0.95	1	1	6.918198
SU6_str	BOBJ1	5.85	After	Interior Girder 5	5.85	0.95	1	1	7.795433
SU6_str	BOBJ1	5.85	After	Interior Girder 6	5.85	0.95	1	1	8.513774
SU6_str	BOBJ1	5.85	After	Right Exterior Girder	5.85	0.95	1	1	13.889577
SU6_str	BOBJ1	11.4667	Before	Left Exterior Girder	11.4667	0.95	1	1	14.032199
SU6_str	BOBJ1	11.4667	Before	Interior Girder 1	11.4667	0.95	1	1	8.632513
SU6_str	BOBJ1	11.4667	Before	Interior Girder 2	11.4667	0.95	1	1	7.903908
SU6_str	BOBJ1	11.4667	Before	Interior Girder 3	11.4667	0.95	1	1	7.014614
SU6_str	BOBJ1	11.4667	Before	Interior Girder 4	11.4667	0.95	1	1	7.014614
SU6_str	BOBJ1	11.4667	Before	Interior Girder 5	11.4667	0.95	1	1	7.903908
SU6_str	BOBJ1	11.4667	Before	Interior Girder 6	11.4667	0.95	1	1	8.632513
SU6_str	BOBJ1	11.4667	Before	Right Exterior Girder	11.4667	0.95	1	1	14.032199
SU6_str	BOBJ1	11.4667	After	Left Exterior Girder	11.4667	0.95	1	1	16.977637
SU6_str	BOBJ1	11.4667	After	Interior Girder 1	11.4667	0.95	1	1	11.205737
SU6_str	BOBJ1	11.4667	After	Interior Girder 2	11.4667	0.95	1	1	10.166854
SU6_str	BOBJ1	11.4667	After	Interior Girder 3	11.4667	0.95	1	1	9.209257
SU6_str	BOBJ1	11.4667	After	Interior Girder 4	11.4667	0.95	1	1	9.209257
SU6_str	BOBJ1	11.4667	After	Interior Girder 5	11.4667	0.95	1	1	10.166854
SU6_str	BOBJ1	11.4667	After	Interior Girder 6	11.4667	0.95	1	1	11.205737
SU6_str	BOBJ1	11.4667	After	Right Exterior Girder	11.4667	0.95	1	1	16.977637
SU6_str	BOBJ1	17.0833	Before	Left Exterior Girder	17.0833	0.95	1	1	17.146991
SU6_str	BOBJ1	17.0833	Before	Interior Girder 1	17.0833	0.95	1	1	11.359219
SU6_str	BOBJ1	17.0833	Before	Interior Girder 2	17.0833	0.95	1	1	10.305745
SU6_str	BOBJ1	17.0833	Before	Interior Girder 3	17.0833	0.95	1	1	9.335164
SU6_str	BOBJ1	17.0833	Before	Interior Girder 4	17.0833	0.95	1	1	9.335164
SU6_str	BOBJ1	17.0833	Before	Interior Girder 5	17.0833	0.95	1	1	10.305745
SU6_str	BOBJ1	17.0833	Before	Interior Girder 6	17.0833	0.95	1	1	11.359219
SU6_str	BOBJ1	17.0833	Before	Right Exterior Girder	17.0833	0.95	1	1	17.146991
SU6_str	BOBJ1	17.0833	After	Left Exterior Girder	17.0833	0.95	1	1	21.565323
SU6_str	BOBJ1	17.0833	After	Interior Girder 1	17.0833	0.95	1	1	14.825824
SU6_str	BOBJ1	17.0833	After	Interior Girder 2	17.0833	0.95	1	1	13.419862
SU6_str	BOBJ1	17.0833	After	Interior Girder 3	17.0833	0.95	1	1	11.621077
SU6_str	BOBJ1	17.0833	After	Interior Girder 4	17.0833	0.95	1	1	11.621077
SU6_str	BOBJ1	17.0833	After	Interior Girder 5	17.0833	0.95	1	1	13.419862
SU6_str	BOBJ1	17.0833	After	Interior Girder 6	17.0833	0.95	1	1	14.825824
SU6_str	BOBJ1	17.0833	After	Right Exterior Girder	17.0833	0.95	1	1	21.565323
SU6_str	BOBJ1	22.7	Before	Left Exterior Girder	22.7	0.95	1	1	21.774559
SU6_str	BOBJ1	22.7	Before	Interior Girder 1	22.7	0.95	1	1	15.025222
SU6_str	BOBJ1	22.7	Before	Interior Girder 2	22.7	0.95	1	1	13.599873
SU6_str	BOBJ1	22.7	Before	Interior Girder 3	22.7	0.95	1	1	11.468959
SU6_str	BOBJ1	22.7	Before	Interior Girder 4	22.7	0.95	1	1	11.468959
SU6_str	BOBJ1	22.7	Before	Interior Girder 5	22.7	0.95	1	1	13.599873
SU6_str	BOBJ1	22.7	Before	Interior Girder 6	22.7	0.95	1	1	15.025222
SU6_str	BOBJ1	22.7	Before	Right Exterior Girder	22.7	0.95	1	1	21.774559
SU6_str	BOBJ1	22.7	After	Left Exterior Girder	22.7	0.95	1	1	26.614083
SU6_str	BOBJ1	22.7	After	Interior Girder 1	22.7	0.95	1	1	14.94024
SU6_str	BOBJ1	22.7	After	Interior Girder 2	22.7	0.95	1	1	13.006108
SU6_str	BOBJ1	22.7	After	Interior Girder 3	22.7	0.95	1	1	10.964795
SU6_str	BOBJ1	22.7	After	Interior Girder 4	22.7	0.95	1	1	10.964795
SU6_str	BOBJ1	22.7	After	Interior Girder 5	22.7	0.95	1	1	13.006108

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Approach, Span 12-1									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
SU6_str	BOBJ1	22.7	After	Interior Girder 6	22.7	0.95	1	1	14.94024
SU6_str	BOBJ1	22.7	After	Right Exterior Girder	22.7	0.95	1	1	26.614083
SU6_str	BOBJ1	28.3167	Before	Left Exterior Girder	28.3167	0.95	1	1	26.354268
SU6_str	BOBJ1	28.3167	Before	Interior Girder 1	28.3167	0.95	1	1	15.136356
SU6_str	BOBJ1	28.3167	Before	Interior Girder 2	28.3167	0.95	1	1	13.177469
SU6_str	BOBJ1	28.3167	Before	Interior Girder 3	28.3167	0.95	1	1	11.109168
SU6_str	BOBJ1	28.3167	Before	Interior Girder 4	28.3167	0.95	1	1	11.109168
SU6_str	BOBJ1	28.3167	Before	Interior Girder 5	28.3167	0.95	1	1	13.177469
SU6_str	BOBJ1	28.3167	Before	Interior Girder 6	28.3167	0.95	1	1	15.136356
SU6_str	BOBJ1	28.3167	Before	Right Exterior Girder	28.3167	0.95	1	1	26.354268
SU6_str	BOBJ1	28.3167	After	Left Exterior Girder	28.3167	0.95	1	1	19.115307
SU6_str	BOBJ1	28.3167	After	Interior Girder 1	28.3167	0.95	1	1	11.66955
SU6_str	BOBJ1	28.3167	After	Interior Girder 2	28.3167	0.95	1	1	10.651991
SU6_str	BOBJ1	28.3167	After	Interior Girder 3	28.3167	0.95	1	1	9.11281
SU6_str	BOBJ1	28.3167	After	Interior Girder 4	28.3167	0.95	1	1	9.11281
SU6_str	BOBJ1	28.3167	After	Interior Girder 5	28.3167	0.95	1	1	10.651991
SU6_str	BOBJ1	28.3167	After	Interior Girder 6	28.3167	0.95	1	1	11.66955
SU6_str	BOBJ1	28.3167	After	Right Exterior Girder	28.3167	0.95	1	1	19.115307
SU6_str	BOBJ1	33.9333	Before	Left Exterior Girder	33.9333	0.95	1	1	18.923396
SU6_str	BOBJ1	33.9333	Before	Interior Girder 1	33.9333	0.95	1	1	11.510565
SU6_str	BOBJ1	33.9333	Before	Interior Girder 2	33.9333	0.95	1	1	10.507393
SU6_str	BOBJ1	33.9333	Before	Interior Girder 3	33.9333	0.95	1	1	8.988971
SU6_str	BOBJ1	33.9333	Before	Interior Girder 4	33.9333	0.95	1	1	8.988971
SU6_str	BOBJ1	33.9333	Before	Interior Girder 5	33.9333	0.95	1	1	10.507393
SU6_str	BOBJ1	33.9333	Before	Interior Girder 6	33.9333	0.95	1	1	11.510565
SU6_str	BOBJ1	33.9333	Before	Right Exterior Girder	33.9333	0.95	1	1	18.923396
SU6_str	BOBJ1	33.9333	After	Left Exterior Girder	33.9333	0.95	1	1	15.255293
SU6_str	BOBJ1	33.9333	After	Interior Girder 1	33.9333	0.95	1	1	8.936779
SU6_str	BOBJ1	33.9333	After	Interior Girder 2	33.9333	0.95	1	1	8.18292
SU6_str	BOBJ1	33.9333	After	Interior Girder 3	33.9333	0.95	1	1	7.013442
SU6_str	BOBJ1	33.9333	After	Interior Girder 4	33.9333	0.95	1	1	7.013442
SU6_str	BOBJ1	33.9333	After	Interior Girder 5	33.9333	0.95	1	1	8.18292
SU6_str	BOBJ1	33.9333	After	Interior Girder 6	33.9333	0.95	1	1	8.936779
SU6_str	BOBJ1	33.9333	After	Right Exterior Girder	33.9333	0.95	1	1	15.255293
SU6_str	BOBJ1	39.55	Before	Left Exterior Girder	39.55	0.95	1	1	15.097577
SU6_str	BOBJ1	39.55	Before	Interior Girder 1	39.55	0.95	1	1	8.812846
SU6_str	BOBJ1	39.55	Before	Interior Girder 2	39.55	0.95	1	1	8.069799
SU6_str	BOBJ1	39.55	Before	Interior Girder 3	39.55	0.95	1	1	6.916278
SU6_str	BOBJ1	39.55	Before	Interior Girder 4	39.55	0.95	1	1	6.916278
SU6_str	BOBJ1	39.55	Before	Interior Girder 5	39.55	0.95	1	1	8.069799
SU6_str	BOBJ1	39.55	Before	Interior Girder 6	39.55	0.95	1	1	8.812846
SU6_str	BOBJ1	39.55	Before	Right Exterior Girder	39.55	0.95	1	1	15.097577
SU6_str	BOBJ1	39.55	After	Left Exterior Girder	39.55	0.95	1	1	11.140148
SU6_str	BOBJ1	39.55	After	Interior Girder 1	39.55	0.95	1	1	8.458076
SU6_str	BOBJ1	39.55	After	Interior Girder 2	39.55	0.95	1	1	7.671556
SU6_str	BOBJ1	39.55	After	Interior Girder 3	39.55	0.95	1	1	6.877832
SU6_str	BOBJ1	39.55	After	Interior Girder 4	39.55	0.95	1	1	6.877832
SU6_str	BOBJ1	39.55	After	Interior Girder 5	39.55	0.95	1	1	7.671556
SU6_str	BOBJ1	39.55	After	Interior Girder 6	39.55	0.95	1	1	8.458076
SU6_str	BOBJ1	39.55	After	Right Exterior Girder	39.55	0.95	1	1	11.140148
SU6_str	BOBJ1	45.1733	Before	Left Exterior Girder	45.1226	0.95	1	1	11.021303
SU6_str	BOBJ1	45.1733	Before	Interior Girder 1	45.1226	0.95	1	1	8.338262
SU6_str	BOBJ1	45.1733	Before	Interior Girder 2	45.1226	0.95	1	1	7.563693
SU6_str	BOBJ1	45.1733	Before	Interior Girder 3	45.1226	0.95	1	1	6.780162
SU6_str	BOBJ1	45.1733	Before	Interior Girder 4	45.1226	0.95	1	1	6.780162
SU6_str	BOBJ1	45.1733	Before	Interior Girder 5	45.1226	0.95	1	1	7.563693
SU6_str	BOBJ1	45.1733	Before	Interior Girder 6	45.1226	0.95	1	1	8.338262
SU6_str	BOBJ1	45.1733	Before	Right Exterior Girder	45.1226	0.95	1	1	11.021303
SU6_str	BOBJ1	45.1733	After	Left Exterior Girder	45.1226	0.95	1	1	7.858128
SU6_str	BOBJ1	45.1733	After	Interior Girder 1	45.1226	0.95	1	1	5.728244
SU6_str	BOBJ1	45.1733	After	Interior Girder 2	45.1226	0.95	1	1	5.2683
SU6_str	BOBJ1	45.1733	After	Interior Girder 3	45.1226	0.95	1	1	4.539351
SU6_str	BOBJ1	45.1733	After	Interior Girder 4	45.1226	0.95	1	1	4.539351
SU6_str	BOBJ1	45.1733	After	Interior Girder 5	45.1226	0.95	1	1	5.2683
SU6_str	BOBJ1	45.1733	After	Interior Girder 6	45.1226	0.95	1	1	5.728244

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Approach, Span 12-1									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
SU6_str	BOBJ1	45.1733	After	Right Exterior Girder	45.1226	0.95	1	1	7.858128
SU6_str	BOBJ1	49.2561	Before	Left Exterior Girder	49.2561	0.95	1	1	7.785446
SU6_str	BOBJ1	49.2561	Before	Right Exterior Girder	49.2561	0.95	1	1	7.785446
SU6_str	BOBJ1	49.2561	After	Left Exterior Girder	49.2561	0.95	1	1	6.9554
SU6_str	BOBJ1	49.2561	After	Right Exterior Girder	49.2561	0.95	1	1	6.9554
SU6_str	BOBJ1	50.7967	Before	Left Exterior Girder	50.7967	0.95	1	1	6.928007
SU6_str	BOBJ1	50.7967	Before	Interior Girder 1	50.7967	0.95	1	1	4.695556
SU6_str	BOBJ1	50.7967	Before	Interior Girder 2	50.7967	0.95	1	1	5.181688
SU6_str	BOBJ1	50.7967	Before	Interior Girder 3	50.7967	0.95	1	1	4.463581
SU6_str	BOBJ1	50.7967	Before	Interior Girder 4	50.7967	0.95	1	1	4.463581
SU6_str	BOBJ1	50.7967	Before	Interior Girder 5	50.7967	0.95	1	1	5.181688
SU6_str	BOBJ1	50.7967	Before	Interior Girder 6	50.7967	0.95	1	1	4.695556
SU6_str	BOBJ1	50.7967	Before	Right Exterior Girder	50.7967	0.95	1	1	6.928007
SU6_str	BOBJ1	50.7967	After	Left Exterior Girder	50.7967	0.95	1	1	7.395107
SU6_str	BOBJ1	50.7967	After	Interior Girder 1	50.7967	0.95	1	1	3.884728
SU6_str	BOBJ1	50.7967	After	Interior Girder 2	50.7967	0.95	1	1	4.062343
SU6_str	BOBJ1	50.7967	After	Interior Girder 3	50.7967	0.95	1	1	3.270326
SU6_str	BOBJ1	50.7967	After	Interior Girder 4	50.7967	0.95	1	1	3.270326
SU6_str	BOBJ1	50.7967	After	Interior Girder 5	50.7967	0.95	1	1	4.062343
SU6_str	BOBJ1	50.7967	After	Interior Girder 6	50.7967	0.95	1	1	3.884728
SU6_str	BOBJ1	50.7967	After	Right Exterior Girder	50.7967	0.95	1	1	7.395107
SU6_str	BOBJ1	51.3989	Before	Interior Girder 1	51.3989	0.95	1	1	3.877528
SU6_str	BOBJ1	51.3989	Before	Interior Girder 2	51.3989	0.95	1	1	4.055055
SU6_str	BOBJ1	51.3989	Before	Interior Girder 3	51.3989	0.95	1	1	3.264343
SU6_str	BOBJ1	51.3989	Before	Interior Girder 4	51.3989	0.95	1	1	3.264343
SU6_str	BOBJ1	51.3989	Before	Interior Girder 5	51.3989	0.95	1	1	4.055055
SU6_str	BOBJ1	51.3989	Before	Interior Girder 6	51.3989	0.95	1	1	3.877528
SU6_str	BOBJ1	51.3989	After	Interior Girder 1	51.3989	0.95	1	1	4.597682
SU6_str	BOBJ1	51.3989	After	Interior Girder 2	51.3989	0.95	1	1	4.321719
SU6_str	BOBJ1	51.3989	After	Interior Girder 3	51.3989	0.95	1	1	3.518058
SU6_str	BOBJ1	51.3989	After	Interior Girder 4	51.3989	0.95	1	1	3.518058
SU6_str	BOBJ1	51.3989	After	Interior Girder 5	51.3989	0.95	1	1	4.321719
SU6_str	BOBJ1	51.3989	After	Interior Girder 6	51.3989	0.95	1	1	4.597682
SU6_str	BOBJ1	56.42	Before	Left Exterior Girder	56.42	0.95	1	1	7.012514
SU6_str	BOBJ1	56.42	Before	Interior Girder 1	56.42	0.95	1	1	4.52469
SU6_str	BOBJ1	56.42	Before	Interior Girder 2	56.42	0.95	1	1	4.253667
SU6_str	BOBJ1	56.42	Before	Interior Girder 3	56.42	0.95	1	1	3.461471
SU6_str	BOBJ1	56.42	Before	Interior Girder 4	56.42	0.95	1	1	3.461471
SU6_str	BOBJ1	56.42	Before	Interior Girder 5	56.42	0.95	1	1	4.253667
SU6_str	BOBJ1	56.42	Before	Interior Girder 6	56.42	0.95	1	1	4.52469
SU6_str	BOBJ1	56.42	Before	Right Exterior Girder	56.42	0.95	1	1	7.012514
SU6_str	BOBJ1	56.42	After	Left Exterior Girder	0	0.95	1	1	6.977126
SU6_str	BOBJ1	56.42	After	Interior Girder 1	0	0.95	1	1	4.615136
SU6_str	BOBJ1	56.42	After	Interior Girder 2	0	0.95	1	1	4.315057
SU6_str	BOBJ1	56.42	After	Interior Girder 3	0	0.95	1	1	3.524844
SU6_str	BOBJ1	56.42	After	Interior Girder 4	0	0.95	1	1	3.524844
SU6_str	BOBJ1	56.42	After	Interior Girder 5	0	0.95	1	1	4.315057
SU6_str	BOBJ1	56.42	After	Interior Girder 6	0	0.95	1	1	4.615136
SU6_str	BOBJ1	56.42	After	Right Exterior Girder	0	0.95	1	1	6.977126
SU6_str	BOBJ1	62.0367	Before	Left Exterior Girder	5.6167	0.95	1	1	7.083237
SU6_str	BOBJ1	62.0367	Before	Interior Girder 1	5.6167	0.95	1	1	4.697621
SU6_str	BOBJ1	62.0367	Before	Interior Girder 2	5.6167	0.95	1	1	4.391611
SU6_str	BOBJ1	62.0367	Before	Interior Girder 3	5.6167	0.95	1	1	3.588751
SU6_str	BOBJ1	62.0367	Before	Interior Girder 4	5.6167	0.95	1	1	3.588751
SU6_str	BOBJ1	62.0367	Before	Interior Girder 5	5.6167	0.95	1	1	4.391611
SU6_str	BOBJ1	62.0367	Before	Interior Girder 6	5.6167	0.95	1	1	4.697621
SU6_str	BOBJ1	62.0367	Before	Right Exterior Girder	5.6167	0.95	1	1	7.083237
SU6_str	BOBJ1	62.0367	After	Left Exterior Girder	5.6167	0.95	1	1	10.401352
SU6_str	BOBJ1	62.0367	After	Interior Girder 1	5.6167	0.95	1	1	4.36493
SU6_str	BOBJ1	62.0367	After	Interior Girder 2	5.6167	0.95	1	1	4.891871
SU6_str	BOBJ1	62.0367	After	Interior Girder 3	5.6167	0.95	1	1	4.143984
SU6_str	BOBJ1	62.0367	After	Interior Girder 4	5.6167	0.95	1	1	4.143984
SU6_str	BOBJ1	62.0367	After	Interior Girder 5	5.6167	0.95	1	1	4.891871
SU6_str	BOBJ1	62.0367	After	Interior Girder 6	5.6167	0.95	1	1	4.36493
SU6_str	BOBJ1	62.0367	After	Right Exterior Girder	5.6167	0.95	1	1	10.401352

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Approach, Span 12-1									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
SU6_str	BOBJ1	62.4203	Before	Interior Girder 1	6.0003	0.95	1	1	4.370274
SU6_str	BOBJ1	62.4203	Before	Interior Girder 2	6.0003	0.95	1	1	4.897684
SU6_str	BOBJ1	62.4203	Before	Interior Girder 3	6.0003	0.95	1	1	4.149006
SU6_str	BOBJ1	62.4203	Before	Interior Girder 4	6.0003	0.95	1	1	4.149006
SU6_str	BOBJ1	62.4203	Before	Interior Girder 5	6.0003	0.95	1	1	4.897684
SU6_str	BOBJ1	62.4203	Before	Interior Girder 6	6.0003	0.95	1	1	4.370274
SU6_str	BOBJ1	62.4203	After	Interior Girder 1	6.0003	0.95	1	1	4.414701
SU6_str	BOBJ1	62.4203	After	Interior Girder 2	6.0003	0.95	1	1	5.253227
SU6_str	BOBJ1	62.4203	After	Interior Girder 3	6.0003	0.95	1	1	4.544989
SU6_str	BOBJ1	62.4203	After	Interior Girder 4	6.0003	0.95	1	1	4.544989
SU6_str	BOBJ1	62.4203	After	Interior Girder 5	6.0003	0.95	1	1	5.253227
SU6_str	BOBJ1	62.4203	After	Interior Girder 6	6.0003	0.95	1	1	4.414701
SU6_str	BOBJ1	64.9204	Before	Left Exterior Girder	8.5004	0.95	1	1	7.40327
SU6_str	BOBJ1	64.9204	Before	Right Exterior Girder	8.5004	0.95	1	1	7.40327
SU6_str	BOBJ1	64.9204	After	Left Exterior Girder	8.5004	0.95	1	1	7.491855
SU6_str	BOBJ1	64.9204	After	Right Exterior Girder	8.5004	0.95	1	1	7.491855
SU6_str	BOBJ1	67.6533	Before	Left Exterior Girder	11.2333	0.95	1	1	7.53747
SU6_str	BOBJ1	67.6533	Before	Interior Girder 1	11.2333	0.95	1	1	5.859226
SU6_str	BOBJ1	67.6533	Before	Interior Girder 2	11.2333	0.95	1	1	5.334148
SU6_str	BOBJ1	67.6533	Before	Interior Girder 3	11.2333	0.95	1	1	4.616119
SU6_str	BOBJ1	67.6533	Before	Interior Girder 4	11.2333	0.95	1	1	4.616119
SU6_str	BOBJ1	67.6533	Before	Interior Girder 5	11.2333	0.95	1	1	5.334148
SU6_str	BOBJ1	67.6533	Before	Interior Girder 6	11.2333	0.95	1	1	5.859226
SU6_str	BOBJ1	67.6533	Before	Right Exterior Girder	11.2333	0.95	1	1	7.53747
SU6_str	BOBJ1	67.6533	After	Left Exterior Girder	11.2333	0.95	1	1	8.784719
SU6_str	BOBJ1	67.6533	After	Interior Girder 1	11.2333	0.95	1	1	7.064006
SU6_str	BOBJ1	67.6533	After	Interior Girder 2	11.2333	0.95	1	1	6.422119
SU6_str	BOBJ1	67.6533	After	Interior Girder 3	11.2333	0.95	1	1	5.816561
SU6_str	BOBJ1	67.6533	After	Interior Girder 4	11.2333	0.95	1	1	5.816561
SU6_str	BOBJ1	67.6533	After	Interior Girder 5	11.2333	0.95	1	1	6.422119
SU6_str	BOBJ1	67.6533	After	Interior Girder 6	11.2333	0.95	1	1	7.064006
SU6_str	BOBJ1	67.6533	After	Right Exterior Girder	11.2333	0.95	1	1	8.784719
SU6_str	BOBJ1	73.27	Before	Left Exterior Girder	16.85	0.95	1	1	8.891315
SU6_str	BOBJ1	73.27	Before	Interior Girder 1	16.85	0.95	1	1	7.179438
SU6_str	BOBJ1	73.27	Before	Interior Girder 2	16.85	0.95	1	1	6.526225
SU6_str	BOBJ1	73.27	Before	Interior Girder 3	16.85	0.95	1	1	5.912036
SU6_str	BOBJ1	73.27	Before	Interior Girder 4	16.85	0.95	1	1	5.912036
SU6_str	BOBJ1	73.27	Before	Interior Girder 5	16.85	0.95	1	1	6.526225
SU6_str	BOBJ1	73.27	Before	Interior Girder 6	16.85	0.95	1	1	7.179438
SU6_str	BOBJ1	73.27	Before	Right Exterior Girder	16.85	0.95	1	1	8.891315
SU6_str	BOBJ1	73.27	After	Left Exterior Girder	16.85	0.95	1	1	11.981535
SU6_str	BOBJ1	73.27	After	Interior Girder 1	16.85	0.95	1	1	7.410536
SU6_str	BOBJ1	73.27	After	Interior Girder 2	16.85	0.95	1	1	6.862367
SU6_str	BOBJ1	73.27	After	Interior Girder 3	16.85	0.95	1	1	5.952314
SU6_str	BOBJ1	73.27	After	Interior Girder 4	16.85	0.95	1	1	5.952314
SU6_str	BOBJ1	73.27	After	Interior Girder 5	16.85	0.95	1	1	6.862367
SU6_str	BOBJ1	73.27	After	Interior Girder 6	16.85	0.95	1	1	7.410536
SU6_str	BOBJ1	73.27	After	Right Exterior Girder	16.85	0.95	1	1	11.981535
SU6_str	BOBJ1	78.8867	Before	Left Exterior Girder	22.4667	0.95	1	1	12.121752
SU6_str	BOBJ1	78.8867	Before	Interior Girder 1	22.4667	0.95	1	1	7.528858
SU6_str	BOBJ1	78.8867	Before	Interior Girder 2	22.4667	0.95	1	1	6.971633
SU6_str	BOBJ1	78.8867	Before	Interior Girder 3	22.4667	0.95	1	1	6.047364
SU6_str	BOBJ1	78.8867	Before	Interior Girder 4	22.4667	0.95	1	1	6.047364
SU6_str	BOBJ1	78.8867	Before	Interior Girder 5	22.4667	0.95	1	1	6.971633
SU6_str	BOBJ1	78.8867	Before	Interior Girder 6	22.4667	0.95	1	1	7.528858
SU6_str	BOBJ1	78.8867	Before	Right Exterior Girder	22.4667	0.95	1	1	12.121752
SU6_str	BOBJ1	78.8867	After	Left Exterior Girder	22.4667	0.95	1	1	14.649291
SU6_str	BOBJ1	78.8867	After	Interior Girder 1	22.4667	0.95	1	1	9.570454
SU6_str	BOBJ1	78.8867	After	Interior Girder 2	22.4667	0.95	1	1	8.719025
SU6_str	BOBJ1	78.8867	After	Interior Girder 3	22.4667	0.95	1	1	7.732921
SU6_str	BOBJ1	78.8867	After	Interior Girder 4	22.4667	0.95	1	1	7.732921
SU6_str	BOBJ1	78.8867	After	Interior Girder 5	22.4667	0.95	1	1	8.719025
SU6_str	BOBJ1	78.8867	After	Interior Girder 6	22.4667	0.95	1	1	9.570454
SU6_str	BOBJ1	78.8867	After	Right Exterior Girder	22.4667	0.95	1	1	14.649291
SU6_str	BOBJ1	84.5033	Before	Left Exterior Girder	28.0833	0.95	1	1	14.814925

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Approach, Span 12-1									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
SU6_str	BOBJ1	84.5033	Before	Interior Girder 1	28.0833	0.95	1	1	9.720163
SU6_str	BOBJ1	84.5033	Before	Interior Girder 2	28.0833	0.95	1	1	8.854957
SU6_str	BOBJ1	84.5033	Before	Interior Girder 3	28.0833	0.95	1	1	7.853669
SU6_str	BOBJ1	84.5033	Before	Interior Girder 4	28.0833	0.95	1	1	7.853669
SU6_str	BOBJ1	84.5033	Before	Interior Girder 5	28.0833	0.95	1	1	8.854957
SU6_str	BOBJ1	84.5033	Before	Interior Girder 6	28.0833	0.95	1	1	9.720163
SU6_str	BOBJ1	84.5033	Before	Right Exterior Girder	28.0833	0.95	1	1	14.814925
SU6_str	BOBJ1	84.5033	After	Left Exterior Girder	28.0833	0.95	1	1	18.71621
SU6_str	BOBJ1	84.5033	After	Interior Girder 1	28.0833	0.95	1	1	12.505017
SU6_str	BOBJ1	84.5033	After	Interior Girder 2	28.0833	0.95	1	1	10.970776
SU6_str	BOBJ1	84.5033	After	Interior Girder 3	28.0833	0.95	1	1	9.253118
SU6_str	BOBJ1	84.5033	After	Interior Girder 4	28.0833	0.95	1	1	9.253118
SU6_str	BOBJ1	84.5033	After	Interior Girder 5	28.0833	0.95	1	1	10.970776
SU6_str	BOBJ1	84.5033	After	Interior Girder 6	28.0833	0.95	1	1	12.505017
SU6_str	BOBJ1	84.5033	After	Right Exterior Girder	28.0833	0.95	1	1	18.71621
SU6_str	BOBJ1	90.12	Before	Left Exterior Girder	33.7	0.95	1	1	18.920994
SU6_str	BOBJ1	90.12	Before	Interior Girder 1	33.7	0.95	1	1	12.510823
SU6_str	BOBJ1	90.12	Before	Interior Girder 2	33.7	0.95	1	1	10.808934
SU6_str	BOBJ1	90.12	Before	Interior Girder 3	33.7	0.95	1	1	9.116741
SU6_str	BOBJ1	90.12	Before	Interior Girder 4	33.7	0.95	1	1	9.116741
SU6_str	BOBJ1	90.12	Before	Interior Girder 5	33.7	0.95	1	1	10.808934
SU6_str	BOBJ1	90.12	Before	Interior Girder 6	33.7	0.95	1	1	12.510823
SU6_str	BOBJ1	90.12	Before	Right Exterior Girder	33.7	0.95	1	1	18.920994
SU6_str	BOBJ1	90.12	After	Left Exterior Girder	33.7	0.95	1	1	19.522041
SU6_str	BOBJ1	90.12	After	Interior Girder 1	33.7	0.95	1	1	12.430817
SU6_str	BOBJ1	90.12	After	Interior Girder 2	33.7	0.95	1	1	10.760437
SU6_str	BOBJ1	90.12	After	Interior Girder 3	33.7	0.95	1	1	9.094649
SU6_str	BOBJ1	90.12	After	Interior Girder 4	33.7	0.95	1	1	9.094649
SU6_str	BOBJ1	90.12	After	Interior Girder 5	33.7	0.95	1	1	10.760437
SU6_str	BOBJ1	90.12	After	Interior Girder 6	33.7	0.95	1	1	12.430817
SU6_str	BOBJ1	90.12	After	Right Exterior Girder	33.7	0.95	1	1	19.522041
SU6_str	BOBJ1	95.7367	Before	Left Exterior Girder	39.3167	0.95	1	1	19.310792
SU6_str	BOBJ1	95.7367	Before	Interior Girder 1	39.3167	0.95	1	1	12.616202
SU6_str	BOBJ1	95.7367	Before	Interior Girder 2	39.3167	0.95	1	1	10.921453
SU6_str	BOBJ1	95.7367	Before	Interior Girder 3	39.3167	0.95	1	1	9.23059
SU6_str	BOBJ1	95.7367	Before	Interior Girder 4	39.3167	0.95	1	1	9.23059
SU6_str	BOBJ1	95.7367	Before	Interior Girder 5	39.3167	0.95	1	1	10.921453
SU6_str	BOBJ1	95.7367	Before	Interior Girder 6	39.3167	0.95	1	1	12.616202
SU6_str	BOBJ1	95.7367	Before	Right Exterior Girder	39.3167	0.95	1	1	19.310792
SU6_str	BOBJ1	95.7367	After	Left Exterior Girder	39.3167	0.95	1	1	15.207408
SU6_str	BOBJ1	95.7367	After	Interior Girder 1	39.3167	0.95	1	1	9.829681
SU6_str	BOBJ1	95.7367	After	Interior Girder 2	39.3167	0.95	1	1	8.969319
SU6_str	BOBJ1	95.7367	After	Interior Girder 3	39.3167	0.95	1	1	7.889249
SU6_str	BOBJ1	95.7367	After	Interior Girder 4	39.3167	0.95	1	1	7.889249
SU6_str	BOBJ1	95.7367	After	Interior Girder 5	39.3167	0.95	1	1	8.969319
SU6_str	BOBJ1	95.7367	After	Interior Girder 6	39.3167	0.95	1	1	9.829681
SU6_str	BOBJ1	95.7367	After	Right Exterior Girder	39.3167	0.95	1	1	15.207408
SU6_str	BOBJ1	101.3533	Before	Left Exterior Girder	44.9333	0.95	1	1	15.03742
SU6_str	BOBJ1	101.3533	Before	Interior Girder 1	44.9333	0.95	1	1	9.678224
SU6_str	BOBJ1	101.3533	Before	Interior Girder 2	44.9333	0.95	1	1	8.831542
SU6_str	BOBJ1	101.3533	Before	Interior Girder 3	44.9333	0.95	1	1	7.767857
SU6_str	BOBJ1	101.3533	Before	Interior Girder 4	44.9333	0.95	1	1	7.767857
SU6_str	BOBJ1	101.3533	Before	Interior Girder 5	44.9333	0.95	1	1	8.831542
SU6_str	BOBJ1	101.3533	Before	Interior Girder 6	44.9333	0.95	1	1	9.678224
SU6_str	BOBJ1	101.3533	Before	Right Exterior Girder	44.9333	0.95	1	1	15.03742
SU6_str	BOBJ1	101.3533	After	Left Exterior Girder	44.9333	0.95	1	1	12.403759
SU6_str	BOBJ1	101.3533	After	Interior Girder 1	44.9333	0.95	1	1	7.595496
SU6_str	BOBJ1	101.3533	After	Interior Girder 2	44.9333	0.95	1	1	7.04228
SU6_str	BOBJ1	101.3533	After	Interior Girder 3	44.9333	0.95	1	1	6.065233
SU6_str	BOBJ1	101.3533	After	Interior Girder 4	44.9333	0.95	1	1	6.065233
SU6_str	BOBJ1	101.3533	After	Interior Girder 5	44.9333	0.95	1	1	7.04228
SU6_str	BOBJ1	101.3533	After	Interior Girder 6	44.9333	0.95	1	1	7.595496
SU6_str	BOBJ1	101.3533	After	Right Exterior Girder	44.9333	0.95	1	1	12.403759
SU6_str	BOBJ1	106.97	Before	Left Exterior Girder	50.55	0.95	1	1	12.26031
SU6_str	BOBJ1	106.97	Before	Interior Girder 1	50.55	0.95	1	1	7.476079

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Approach, Span 12-1									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
SU6_str	BOBJ1	106.97	Before	Interior Girder 2	50.55	0.95	1	1	6.931829
SU6_str	BOBJ1	106.97	Before	Interior Girder 3	50.55	0.95	1	1	5.969826
SU6_str	BOBJ1	106.97	Before	Interior Girder 4	50.55	0.95	1	1	5.969826
SU6_str	BOBJ1	106.97	Before	Interior Girder 5	50.55	0.95	1	1	6.931829
SU6_str	BOBJ1	106.97	Before	Interior Girder 6	50.55	0.95	1	1	7.476079
SU6_str	BOBJ1	106.97	Before	Right Exterior Girder	50.55	0.95	1	1	12.26031
SU6_str	BOBJ1	106.97	After	Left Exterior Girder	50.55	0.95	1	1	9.056266
SU6_str	BOBJ1	106.97	After	Interior Girder 1	50.55	0.95	1	1	7.266685
SU6_str	BOBJ1	106.97	After	Interior Girder 2	50.55	0.95	1	1	6.601302
SU6_str	BOBJ1	106.97	After	Interior Girder 3	50.55	0.95	1	1	5.957676
SU6_str	BOBJ1	106.97	After	Interior Girder 4	50.55	0.95	1	1	5.957676
SU6_str	BOBJ1	106.97	After	Interior Girder 5	50.55	0.95	1	1	6.601302
SU6_str	BOBJ1	106.97	After	Interior Girder 6	50.55	0.95	1	1	7.266685
SU6_str	BOBJ1	106.97	After	Right Exterior Girder	50.55	0.95	1	1	9.056266
SU6_str	BOBJ1	112.5933	Before	Left Exterior Girder	56.1733	0.95	1	1	8.9476
SU6_str	BOBJ1	112.5933	Before	Interior Girder 1	56.1733	0.95	1	1	7.149668
SU6_str	BOBJ1	112.5933	Before	Interior Girder 2	56.1733	0.95	1	1	6.495776
SU6_str	BOBJ1	112.5933	Before	Interior Girder 3	56.1733	0.95	1	1	5.861276
SU6_str	BOBJ1	112.5933	Before	Interior Girder 4	56.1733	0.95	1	1	5.861276
SU6_str	BOBJ1	112.5933	Before	Interior Girder 5	56.1733	0.95	1	1	6.495776
SU6_str	BOBJ1	112.5933	Before	Interior Girder 6	56.1733	0.95	1	1	7.149668
SU6_str	BOBJ1	112.5933	Before	Right Exterior Girder	56.1733	0.95	1	1	8.9476
SU6_str	BOBJ1	112.5933	After	Left Exterior Girder	56.1733	0.95	1	1	7.693272
SU6_str	BOBJ1	112.5933	After	Interior Girder 1	56.1733	0.95	1	1	5.878185
SU6_str	BOBJ1	112.5933	After	Interior Girder 2	56.1733	0.95	1	1	5.375698
SU6_str	BOBJ1	112.5933	After	Interior Girder 3	56.1733	0.95	1	1	4.64573
SU6_str	BOBJ1	112.5933	After	Interior Girder 4	56.1733	0.95	1	1	4.64573
SU6_str	BOBJ1	112.5933	After	Interior Girder 5	56.1733	0.95	1	1	5.375698
SU6_str	BOBJ1	112.5933	After	Interior Girder 6	56.1733	0.95	1	1	5.878185
SU6_str	BOBJ1	112.5933	After	Right Exterior Girder	56.1733	0.95	1	1	7.693272
SU6_str	BOBJ1	115.3396	Before	Left Exterior Girder	58.9196	0.95	1	1	7.646517
SU6_str	BOBJ1	115.3396	Before	Right Exterior Girder	58.9196	0.95	1	1	7.646517
SU6_str	BOBJ1	115.3396	After	Left Exterior Girder	58.9196	0.95	1	1	7.528733
SU6_str	BOBJ1	115.3396	After	Right Exterior Girder	58.9196	0.95	1	1	7.528733
SU6_str	BOBJ1	118.2167	Before	Left Exterior Girder	61.7967	0.95	1	1	7.472498
SU6_str	BOBJ1	118.2167	Before	Interior Girder 1	61.9198	0.95	1	1	5.863479
SU6_str	BOBJ1	118.2167	Before	Interior Girder 2	61.9198	0.95	1	1	5.287956
SU6_str	BOBJ1	118.2167	Before	Interior Girder 3	61.9198	0.95	1	1	4.568725
SU6_str	BOBJ1	118.2167	Before	Interior Girder 4	61.9198	0.95	1	1	4.568725
SU6_str	BOBJ1	118.2167	Before	Interior Girder 5	61.9198	0.95	1	1	5.287956
SU6_str	BOBJ1	118.2167	Before	Interior Girder 6	61.9198	0.95	1	1	5.863479
SU6_str	BOBJ1	118.2167	Before	Right Exterior Girder	61.7967	0.95	1	1	7.472498
SU6_str	BOBJ1	118.2167	After	Left Exterior Girder	61.7967	0.95	1	1	7.157775
SU6_str	BOBJ1	118.2167	After	Interior Girder 1	61.9198	0.95	1	1	4.722988
SU6_str	BOBJ1	118.2167	After	Interior Girder 2	61.9198	0.95	1	1	4.412287
SU6_str	BOBJ1	118.2167	After	Interior Girder 3	61.9198	0.95	1	1	3.596005
SU6_str	BOBJ1	118.2167	After	Interior Girder 4	61.9198	0.95	1	1	3.596005
SU6_str	BOBJ1	118.2167	After	Interior Girder 5	61.9198	0.95	1	1	4.412287
SU6_str	BOBJ1	118.2167	After	Interior Girder 6	61.9198	0.95	1	1	4.722988
SU6_str	BOBJ1	118.2167	After	Right Exterior Girder	61.7967	0.95	1	1	7.157775
SU6_str	BOBJ1	123.84	Before	Left Exterior Girder	67.42	0.95	1	1	7.050476
SU6_str	BOBJ1	123.84	Before	Interior Girder 1	67.42	0.95	1	1	4.639922
SU6_str	BOBJ1	123.84	Before	Interior Girder 2	67.42	0.95	1	1	4.335192
SU6_str	BOBJ1	123.84	Before	Interior Girder 3	67.42	0.95	1	1	3.531844
SU6_str	BOBJ1	123.84	Before	Interior Girder 4	67.42	0.95	1	1	3.531844
SU6_str	BOBJ1	123.84	Before	Interior Girder 5	67.42	0.95	1	1	4.335192
SU6_str	BOBJ1	123.84	Before	Interior Girder 6	67.42	0.95	1	1	4.639922
SU6_str	BOBJ1	123.84	Before	Right Exterior Girder	67.42	0.95	1	1	7.050476
SU6_str	BOBJ1	123.84	After	Left Exterior Girder	0	0.95	1	1	7.065004
SU6_str	BOBJ1	123.84	After	Interior Girder 1	0	0.95	1	1	4.680617
SU6_str	BOBJ1	123.84	After	Interior Girder 2	0	0.95	1	1	4.37598
SU6_str	BOBJ1	123.84	After	Interior Girder 3	0	0.95	1	1	3.562406
SU6_str	BOBJ1	123.84	After	Interior Girder 4	0	0.95	1	1	3.562406
SU6_str	BOBJ1	123.84	After	Interior Girder 5	0	0.95	1	1	4.37598
SU6_str	BOBJ1	123.84	After	Interior Girder 6	0	0.95	1	1	4.680617

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Approach, Span 12-1									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
SU6_str	BOBJ1	123.84	After	Right Exterior Girder	0	0.95	1	1	7.065004
SU6_str	BOBJ1	129.34	Before	Interior Girder 1	5.5	0.95	1	1	4.762665
SU6_str	BOBJ1	129.34	Before	Interior Girder 2	5.5	0.95	1	1	4.45209
SU6_str	BOBJ1	129.34	Before	Interior Girder 3	5.5	0.95	1	1	3.625856
SU6_str	BOBJ1	129.34	Before	Interior Girder 4	5.5	0.95	1	1	3.625856
SU6_str	BOBJ1	129.34	Before	Interior Girder 5	5.5	0.95	1	1	4.45209
SU6_str	BOBJ1	129.34	Before	Interior Girder 6	5.5	0.95	1	1	4.762665
SU6_str	BOBJ1	129.34	After	Interior Girder 1	5.5	0.95	1	1	4.564962
SU6_str	BOBJ1	129.34	After	Interior Girder 2	5.5	0.95	1	1	4.67883
SU6_str	BOBJ1	129.34	After	Interior Girder 3	5.5	0.95	1	1	3.852617
SU6_str	BOBJ1	129.34	After	Interior Girder 4	5.5	0.95	1	1	3.852617
SU6_str	BOBJ1	129.34	After	Interior Girder 5	5.5	0.95	1	1	4.67883
SU6_str	BOBJ1	129.34	After	Interior Girder 6	5.5	0.95	1	1	4.564962
SU6_str	BOBJ1	130.79	Before	Left Exterior Girder	6.95	0.95	1	1	6.407829
SU6_str	BOBJ1	130.79	Before	Interior Girder 1	6.95	0.95	1	1	4.584979
SU6_str	BOBJ1	130.79	Before	Interior Girder 2	6.95	0.95	1	1	4.698875
SU6_str	BOBJ1	130.79	Before	Interior Girder 3	6.95	0.95	1	1	3.869477
SU6_str	BOBJ1	130.79	Before	Interior Girder 4	6.95	0.95	1	1	3.869477
SU6_str	BOBJ1	130.79	Before	Interior Girder 5	6.95	0.95	1	1	4.698875
SU6_str	BOBJ1	130.79	Before	Interior Girder 6	6.95	0.95	1	1	4.584979
SU6_str	BOBJ1	130.79	Before	Right Exterior Girder	6.95	0.95	1	1	6.407829
SU6_str	BOBJ1	130.79	After	Left Exterior Girder	6.95	0.95	1	1	6.685176
SU6_str	BOBJ1	130.79	After	Interior Girder 1	6.95	0.95	1	1	5.999027
SU6_str	BOBJ1	130.79	After	Interior Girder 2	6.95	0.95	1	1	5.761982
SU6_str	BOBJ1	130.79	After	Interior Girder 3	6.95	0.95	1	1	5.110212
SU6_str	BOBJ1	130.79	After	Interior Girder 4	6.95	0.95	1	1	5.110212
SU6_str	BOBJ1	130.79	After	Interior Girder 5	6.95	0.95	1	1	5.761982
SU6_str	BOBJ1	130.79	After	Interior Girder 6	6.95	0.95	1	1	5.999027
SU6_str	BOBJ1	130.79	After	Right Exterior Girder	6.95	0.95	1	1	6.685176
SU6_str	BOBJ1	132.34	Before	Left Exterior Girder	8.5	0.95	1	1	6.712635
SU6_str	BOBJ1	132.34	Before	Right Exterior Girder	8.5	0.95	1	1	6.712635
SU6_str	BOBJ1	132.34	After	Left Exterior Girder	8.5	0.95	1	1	8.080094
SU6_str	BOBJ1	132.34	After	Right Exterior Girder	8.5	0.95	1	1	8.080094
SU6_str	BOBJ1	137.74	Before	Left Exterior Girder	13.9	0.95	1	1	8.176486
SU6_str	BOBJ1	137.74	Before	Interior Girder 1	13.9	0.95	1	1	6.45831
SU6_str	BOBJ1	137.74	Before	Interior Girder 2	13.9	0.95	1	1	5.879519
SU6_str	BOBJ1	137.74	Before	Interior Girder 3	13.9	0.95	1	1	5.216165
SU6_str	BOBJ1	137.74	Before	Interior Girder 4	13.9	0.95	1	1	5.216165
SU6_str	BOBJ1	137.74	Before	Interior Girder 5	13.9	0.95	1	1	5.879519
SU6_str	BOBJ1	137.74	Before	Interior Girder 6	13.9	0.95	1	1	6.45831
SU6_str	BOBJ1	137.74	Before	Right Exterior Girder	13.9	0.95	1	1	8.176486
SU6_str	BOBJ1	137.74	After	Left Exterior Girder	13.9	0.95	1	1	10.870501
SU6_str	BOBJ1	137.74	After	Interior Girder 1	13.9	0.95	1	1	6.890679
SU6_str	BOBJ1	137.74	After	Interior Girder 2	13.9	0.95	1	1	6.352602
SU6_str	BOBJ1	137.74	After	Interior Girder 3	13.9	0.95	1	1	5.535489
SU6_str	BOBJ1	137.74	After	Interior Girder 4	13.9	0.95	1	1	5.535489
SU6_str	BOBJ1	137.74	After	Interior Girder 5	13.9	0.95	1	1	6.352602
SU6_str	BOBJ1	137.74	After	Interior Girder 6	13.9	0.95	1	1	6.890679
SU6_str	BOBJ1	137.74	After	Right Exterior Girder	13.9	0.95	1	1	10.870501
SU6_str	BOBJ1	143.7733	Before	Left Exterior Girder	19.9333	0.95	1	1	11.009751
SU6_str	BOBJ1	143.7733	Before	Interior Girder 1	19.9333	0.95	1	1	7.010403
SU6_str	BOBJ1	143.7733	Before	Interior Girder 2	19.9333	0.95	1	1	6.46267
SU6_str	BOBJ1	143.7733	Before	Interior Girder 3	19.9333	0.95	1	1	5.631773
SU6_str	BOBJ1	143.7733	Before	Interior Girder 4	19.9333	0.95	1	1	5.631773
SU6_str	BOBJ1	143.7733	Before	Interior Girder 5	19.9333	0.95	1	1	6.46267
SU6_str	BOBJ1	143.7733	Before	Interior Girder 6	19.9333	0.95	1	1	7.010403
SU6_str	BOBJ1	143.7733	Before	Right Exterior Girder	19.9333	0.95	1	1	11.009751
SU6_str	BOBJ1	143.7733	After	Left Exterior Girder	19.9333	0.95	1	1	13.283384
SU6_str	BOBJ1	143.7733	After	Interior Girder 1	19.9333	0.95	1	1	8.966758
SU6_str	BOBJ1	143.7733	After	Interior Girder 2	19.9333	0.95	1	1	8.13154
SU6_str	BOBJ1	143.7733	After	Interior Girder 3	19.9333	0.95	1	1	7.281521
SU6_str	BOBJ1	143.7733	After	Interior Girder 4	19.9333	0.95	1	1	7.281521
SU6_str	BOBJ1	143.7733	After	Interior Girder 5	19.9333	0.95	1	1	8.13154
SU6_str	BOBJ1	143.7733	After	Interior Girder 6	19.9333	0.95	1	1	8.966758
SU6_str	BOBJ1	143.7733	After	Right Exterior Girder	19.9333	0.95	1	1	13.283384

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Approach, Span 12-1									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
SU6_str	BOBJ1	149.8067	Before	Left Exterior Girder	25.9667	0.95	1	1	13.447233
SU6_str	BOBJ1	149.8067	Before	Interior Girder 1	25.9667	0.95	1	1	9.119146
SU6_str	BOBJ1	149.8067	Before	Interior Girder 2	25.9667	0.95	1	1	8.269251
SU6_str	BOBJ1	149.8067	Before	Interior Girder 3	25.9667	0.95	1	1	7.40511
SU6_str	BOBJ1	149.8067	Before	Interior Girder 4	25.9667	0.95	1	1	7.40511
SU6_str	BOBJ1	149.8067	Before	Interior Girder 5	25.9667	0.95	1	1	8.269251
SU6_str	BOBJ1	149.8067	Before	Interior Girder 6	25.9667	0.95	1	1	9.119146
SU6_str	BOBJ1	149.8067	Before	Right Exterior Girder	25.9667	0.95	1	1	13.447233
SU6_str	BOBJ1	149.8067	After	Left Exterior Girder	25.9667	0.95	1	1	16.875655
SU6_str	BOBJ1	149.8067	After	Interior Girder 1	25.9667	0.95	1	1	11.841087
SU6_str	BOBJ1	149.8067	After	Interior Girder 2	25.9667	0.95	1	1	10.703676
SU6_str	BOBJ1	149.8067	After	Interior Girder 3	25.9667	0.95	1	1	9.664305
SU6_str	BOBJ1	149.8067	After	Interior Girder 4	25.9667	0.95	1	1	9.664305
SU6_str	BOBJ1	149.8067	After	Interior Girder 5	25.9667	0.95	1	1	10.703676
SU6_str	BOBJ1	149.8067	After	Interior Girder 6	25.9667	0.95	1	1	11.841087
SU6_str	BOBJ1	149.8067	After	Right Exterior Girder	25.9667	0.95	1	1	16.875655
SU6_str	BOBJ1	155.84	Before	Left Exterior Girder	32	0.95	1	1	17.076495
SU6_str	BOBJ1	155.84	Before	Interior Girder 1	32	0.95	1	1	12.037881
SU6_str	BOBJ1	155.84	Before	Interior Girder 2	32	0.95	1	1	10.880877
SU6_str	BOBJ1	155.84	Before	Interior Girder 3	32	0.95	1	1	9.629886
SU6_str	BOBJ1	155.84	Before	Interior Girder 4	32	0.95	1	1	9.629886
SU6_str	BOBJ1	155.84	Before	Interior Girder 5	32	0.95	1	1	10.880877
SU6_str	BOBJ1	155.84	Before	Interior Girder 6	32	0.95	1	1	12.037881
SU6_str	BOBJ1	155.84	Before	Right Exterior Girder	32	0.95	1	1	17.076495
SU6_str	BOBJ1	155.84	After	Left Exterior Girder	32	0.95	1	1	20.990522
SU6_str	BOBJ1	155.84	After	Interior Girder 1	32	0.95	1	1	11.793415
SU6_str	BOBJ1	155.84	After	Interior Girder 2	32	0.95	1	1	10.25828
SU6_str	BOBJ1	155.84	After	Interior Girder 3	32	0.95	1	1	8.666266
SU6_str	BOBJ1	155.84	After	Interior Girder 4	32	0.95	1	1	8.666266
SU6_str	BOBJ1	155.84	After	Interior Girder 5	32	0.95	1	1	10.25828
SU6_str	BOBJ1	155.84	After	Interior Girder 6	32	0.95	1	1	11.793415
SU6_str	BOBJ1	155.84	After	Right Exterior Girder	32	0.95	1	1	20.990522
SU6_str	BOBJ1	161.8733	Before	Left Exterior Girder	38.0333	0.95	1	1	20.749034
SU6_str	BOBJ1	161.8733	Before	Interior Girder 1	38.0333	0.95	1	1	11.98377
SU6_str	BOBJ1	161.8733	Before	Interior Girder 2	38.0333	0.95	1	1	10.424433
SU6_str	BOBJ1	161.8733	Before	Interior Girder 3	38.0333	0.95	1	1	8.806558
SU6_str	BOBJ1	161.8733	Before	Interior Girder 4	38.0333	0.95	1	1	8.806558
SU6_str	BOBJ1	161.8733	Before	Interior Girder 5	38.0333	0.95	1	1	10.424433
SU6_str	BOBJ1	161.8733	Before	Interior Girder 6	38.0333	0.95	1	1	11.98377
SU6_str	BOBJ1	161.8733	Before	Right Exterior Girder	38.0333	0.95	1	1	20.749034
SU6_str	BOBJ1	161.8733	After	Left Exterior Girder	38.0333	0.95	1	1	15.854423
SU6_str	BOBJ1	161.8733	After	Interior Girder 1	38.0333	0.95	1	1	10.064679
SU6_str	BOBJ1	161.8733	After	Interior Girder 2	38.0333	0.95	1	1	9.220801
SU6_str	BOBJ1	161.8733	After	Interior Girder 3	38.0333	0.95	1	1	8.108767
SU6_str	BOBJ1	161.8733	After	Interior Girder 4	38.0333	0.95	1	1	8.108767
SU6_str	BOBJ1	161.8733	After	Interior Girder 5	38.0333	0.95	1	1	9.220801
SU6_str	BOBJ1	161.8733	After	Interior Girder 6	38.0333	0.95	1	1	10.064679
SU6_str	BOBJ1	161.8733	After	Right Exterior Girder	38.0333	0.95	1	1	15.854423
SU6_str	BOBJ1	167.9067	Before	Left Exterior Girder	44.0667	0.95	1	1	15.665624
SU6_str	BOBJ1	167.9067	Before	Interior Girder 1	44.0667	0.95	1	1	9.899118
SU6_str	BOBJ1	167.9067	Before	Interior Girder 2	44.0667	0.95	1	1	9.069597
SU6_str	BOBJ1	167.9067	Before	Interior Girder 3	44.0667	0.95	1	1	7.975652
SU6_str	BOBJ1	167.9067	Before	Interior Girder 4	44.0667	0.95	1	1	7.975652
SU6_str	BOBJ1	167.9067	Before	Interior Girder 5	44.0667	0.95	1	1	9.069597
SU6_str	BOBJ1	167.9067	Before	Interior Girder 6	44.0667	0.95	1	1	9.899118
SU6_str	BOBJ1	167.9067	Before	Right Exterior Girder	44.0667	0.95	1	1	15.665624
SU6_str	BOBJ1	167.9067	After	Left Exterior Girder	44.0667	0.95	1	1	12.761071
SU6_str	BOBJ1	167.9067	After	Interior Girder 1	44.0667	0.95	1	1	7.664835
SU6_str	BOBJ1	167.9067	After	Interior Girder 2	44.0667	0.95	1	1	7.103383
SU6_str	BOBJ1	167.9067	After	Interior Girder 3	44.0667	0.95	1	1	6.137067
SU6_str	BOBJ1	167.9067	After	Interior Girder 4	44.0667	0.95	1	1	6.137067
SU6_str	BOBJ1	167.9067	After	Interior Girder 5	44.0667	0.95	1	1	7.103383
SU6_str	BOBJ1	167.9067	After	Interior Girder 6	44.0667	0.95	1	1	7.664835
SU6_str	BOBJ1	167.9067	After	Right Exterior Girder	44.0667	0.95	1	1	12.761071
SU6_str	BOBJ1	173.94	Before	Left Exterior Girder	50.1	0.95	1	1	12.603504

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Approach, Span 12-1									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
SU6_str	BOBJ1	173.94	Before	Interior Girder 1	50.1	0.95	1	1	7.535993
SU6_str	BOBJ1	173.94	Before	Interior Girder 2	50.1	0.95	1	1	6.984275
SU6_str	BOBJ1	173.94	Before	Interior Girder 3	50.1	0.95	1	1	6.033925
SU6_str	BOBJ1	173.94	Before	Interior Girder 4	50.1	0.95	1	1	6.033925
SU6_str	BOBJ1	173.94	Before	Interior Girder 5	50.1	0.95	1	1	6.984275
SU6_str	BOBJ1	173.94	Before	Interior Girder 6	50.1	0.95	1	1	7.535993
SU6_str	BOBJ1	173.94	Before	Right Exterior Girder	50.1	0.95	1	1	12.603504
SU6_str	BOBJ1	173.94	After	Left Exterior Girder	50.1	0.95	1	1	9.000896
SU6_str	BOBJ1	173.94	After	Interior Girder 1	50.1	0.95	1	1	7.357642
SU6_str	BOBJ1	173.94	After	Interior Girder 2	50.1	0.95	1	1	6.668713
SU6_str	BOBJ1	173.94	After	Interior Girder 3	50.1	0.95	1	1	6.080747
SU6_str	BOBJ1	173.94	After	Interior Girder 4	50.1	0.95	1	1	6.080747
SU6_str	BOBJ1	173.94	After	Interior Girder 5	50.1	0.95	1	1	6.668713
SU6_str	BOBJ1	173.94	After	Interior Girder 6	50.1	0.95	1	1	7.357642
SU6_str	BOBJ1	173.94	After	Right Exterior Girder	50.1	0.95	1	1	9.000896
SU6_str	BOBJ1	179.98	Before	Left Exterior Girder	56.14	0.95	1	1	8.885339
SU6_str	BOBJ1	179.98	Before	Interior Girder 1	56.14	0.95	1	1	7.230761
SU6_str	BOBJ1	179.98	Before	Interior Girder 2	56.14	0.95	1	1	6.554575
SU6_str	BOBJ1	179.98	Before	Interior Girder 3	56.14	0.95	1	1	5.975483
SU6_str	BOBJ1	179.98	Before	Interior Girder 4	56.14	0.95	1	1	5.975483
SU6_str	BOBJ1	179.98	Before	Interior Girder 5	56.14	0.95	1	1	6.554575
SU6_str	BOBJ1	179.98	Before	Interior Girder 6	56.14	0.95	1	1	7.230761
SU6_str	BOBJ1	179.98	Before	Right Exterior Girder	56.14	0.95	1	1	8.885339
SU6_str	BOBJ1	179.98	After	Left Exterior Girder	56.14	0.95	1	1	7.708205
SU6_str	BOBJ1	179.98	After	Interior Girder 1	56.14	0.95	1	1	5.850342
SU6_str	BOBJ1	179.98	After	Interior Girder 2	56.14	0.95	1	1	5.359005
SU6_str	BOBJ1	179.98	After	Interior Girder 3	56.14	0.95	1	1	4.67377
SU6_str	BOBJ1	179.98	After	Interior Girder 4	56.14	0.95	1	1	4.67377
SU6_str	BOBJ1	179.98	After	Interior Girder 5	56.14	0.95	1	1	5.359005
SU6_str	BOBJ1	179.98	After	Interior Girder 6	56.14	0.95	1	1	5.850342
SU6_str	BOBJ1	179.98	After	Right Exterior Girder	56.14	0.95	1	1	7.708205
SU6_str	BOBJ1	183.56	Before	Left Exterior Girder	59.72	0.95	1	1	7.647313
SU6_str	BOBJ1	183.56	Before	Right Exterior Girder	59.72	0.95	1	1	7.647313
SU6_str	BOBJ1	183.56	After	Left Exterior Girder	59.72	0.95	1	1	7.246611
SU6_str	BOBJ1	183.56	After	Right Exterior Girder	59.72	0.95	1	1	7.246611
SU6_str	BOBJ1	186.02	Before	Left Exterior Girder	62.18	0.95	1	1	7.19933
SU6_str	BOBJ1	186.02	Before	Interior Girder 1	62.22	0.95	1	1	5.940159
SU6_str	BOBJ1	186.02	Before	Interior Girder 2	62.22	0.95	1	1	5.26521
SU6_str	BOBJ1	186.02	Before	Interior Girder 3	62.22	0.95	1	1	4.59075
SU6_str	BOBJ1	186.02	Before	Interior Girder 4	62.22	0.95	1	1	4.59075
SU6_str	BOBJ1	186.02	Before	Interior Girder 5	62.22	0.95	1	1	5.26521
SU6_str	BOBJ1	186.02	Before	Interior Girder 6	62.22	0.95	1	1	5.940159
SU6_str	BOBJ1	186.02	Before	Right Exterior Girder	62.18	0.95	1	1	7.19933
SU6_str	BOBJ1	186.02	After	Left Exterior Girder	62.18	0.95	1	1	7.041782
SU6_str	BOBJ1	186.02	After	Interior Girder 1	62.22	0.95	1	1	4.684625
SU6_str	BOBJ1	186.02	After	Interior Girder 2	62.22	0.95	1	1	4.370078
SU6_str	BOBJ1	186.02	After	Interior Girder 3	62.22	0.95	1	1	3.575763
SU6_str	BOBJ1	186.02	After	Interior Girder 4	62.22	0.95	1	1	3.575763
SU6_str	BOBJ1	186.02	After	Interior Girder 5	62.22	0.95	1	1	4.370078
SU6_str	BOBJ1	186.02	After	Interior Girder 6	62.22	0.95	1	1	4.684625
SU6_str	BOBJ1	186.02	After	Right Exterior Girder	62.18	0.95	1	1	7.041782
SU6_str	BOBJ1	192.06	Before	Left Exterior Girder	68.22	0.95	1	1	6.92627
SU6_str	BOBJ1	192.06	Before	Interior Girder 1	68.22	0.95	1	1	4.595318
SU6_str	BOBJ1	192.06	Before	Interior Girder 2	68.22	0.95	1	1	4.287307
SU6_str	BOBJ1	192.06	Before	Interior Girder 3	68.22	0.95	1	1	3.506619
SU6_str	BOBJ1	192.06	Before	Interior Girder 4	68.22	0.95	1	1	3.506619
SU6_str	BOBJ1	192.06	Before	Interior Girder 5	68.22	0.95	1	1	4.287307
SU6_str	BOBJ1	192.06	Before	Interior Girder 6	68.22	0.95	1	1	4.595318
SU6_str	BOBJ1	192.06	Before	Right Exterior Girder	68.22	0.95	1	1	6.92627
SU6_str	BOBJ1	192.06	After	Left Exterior Girder	0	0.95	1	1	6.927314
SU6_str	BOBJ1	192.06	After	Interior Girder 1	0	0.95	1	1	4.75379
SU6_str	BOBJ1	192.06	After	Interior Girder 2	0	0.95	1	1	4.420412
SU6_str	BOBJ1	192.06	After	Interior Girder 3	0	0.95	1	1	3.513788
SU6_str	BOBJ1	192.06	After	Interior Girder 4	0	0.95	1	1	3.513788
SU6_str	BOBJ1	192.06	After	Interior Girder 5	0	0.95	1	1	4.420412

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Approach, Span 12-1									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
SU6_str	BOBJ1	192.06	After	Interior Girder 6	0	0.95	1	1	4.75379
SU6_str	BOBJ1	192.06	After	Right Exterior Girder	0	0.95	1	1	6.927314
SU6_str	BOBJ1	197.087	Before	Interior Girder 1	5.027	0.95	1	1	4.83125
SU6_str	BOBJ1	197.087	Before	Interior Girder 2	5.027	0.95	1	1	4.491636
SU6_str	BOBJ1	197.087	Before	Interior Girder 3	5.027	0.95	1	1	3.572413
SU6_str	BOBJ1	197.087	Before	Interior Girder 4	5.027	0.95	1	1	3.572413
SU6_str	BOBJ1	197.087	Before	Interior Girder 5	5.027	0.95	1	1	4.491636
SU6_str	BOBJ1	197.087	Before	Interior Girder 6	5.027	0.95	1	1	4.83125
SU6_str	BOBJ1	197.087	After	Interior Girder 1	5.027	0.95	1	1	4.558967
SU6_str	BOBJ1	197.087	After	Interior Girder 2	5.027	0.95	1	1	4.971796
SU6_str	BOBJ1	197.087	After	Interior Girder 3	5.027	0.95	1	1	4.065564
SU6_str	BOBJ1	197.087	After	Interior Girder 4	5.027	0.95	1	1	4.065564
SU6_str	BOBJ1	197.087	After	Interior Girder 5	5.027	0.95	1	1	4.971796
SU6_str	BOBJ1	197.087	After	Interior Girder 6	5.027	0.95	1	1	4.558967
SU6_str	BOBJ1	197.91	Before	Left Exterior Girder	5.85	0.95	1	1	7.008077
SU6_str	BOBJ1	197.91	Before	Interior Girder 1	5.85	0.95	1	1	4.57049
SU6_str	BOBJ1	197.91	Before	Interior Girder 2	5.85	0.95	1	1	4.983966
SU6_str	BOBJ1	197.91	Before	Interior Girder 3	5.85	0.95	1	1	4.075835
SU6_str	BOBJ1	197.91	Before	Interior Girder 4	5.85	0.95	1	1	4.075835
SU6_str	BOBJ1	197.91	Before	Interior Girder 5	5.85	0.95	1	1	4.983966
SU6_str	BOBJ1	197.91	Before	Interior Girder 6	5.85	0.95	1	1	4.57049
SU6_str	BOBJ1	197.91	Before	Right Exterior Girder	5.85	0.95	1	1	7.008077
SU6_str	BOBJ1	197.91	After	Left Exterior Girder	5.85	0.95	1	1	7.017843
SU6_str	BOBJ1	197.91	After	Interior Girder 1	5.85	0.95	1	1	4.666906
SU6_str	BOBJ1	197.91	After	Interior Girder 2	5.85	0.95	1	1	4.948217
SU6_str	BOBJ1	197.91	After	Interior Girder 3	5.85	0.95	1	1	4.204611
SU6_str	BOBJ1	197.91	After	Interior Girder 4	5.85	0.95	1	1	4.204611
SU6_str	BOBJ1	197.91	After	Interior Girder 5	5.85	0.95	1	1	4.948217
SU6_str	BOBJ1	197.91	After	Interior Girder 6	5.85	0.95	1	1	4.666906
SU6_str	BOBJ1	197.91	After	Right Exterior Girder	5.85	0.95	1	1	7.017843
SU6_str	BOBJ1	199.1816	Before	Left Exterior Girder	7.1216	0.95	1	1	7.042291
SU6_str	BOBJ1	199.1816	Before	Right Exterior Girder	7.1216	0.95	1	1	7.042291
SU6_str	BOBJ1	199.1816	After	Left Exterior Girder	7.1216	0.95	1	1	8.143409
SU6_str	BOBJ1	199.1816	After	Right Exterior Girder	7.1216	0.95	1	1	8.143409
SU6_str	BOBJ1	203.5267	Before	Left Exterior Girder	11.3107	0.95	1	1	8.227265
SU6_str	BOBJ1	203.5267	Before	Interior Girder 1	11.3107	0.95	1	1	5.42858
SU6_str	BOBJ1	203.5267	Before	Interior Girder 2	11.3107	0.95	1	1	5.031118
SU6_str	BOBJ1	203.5267	Before	Interior Girder 3	11.3107	0.95	1	1	4.275886
SU6_str	BOBJ1	203.5267	Before	Interior Girder 4	11.3107	0.95	1	1	4.275886
SU6_str	BOBJ1	203.5267	Before	Interior Girder 5	11.3107	0.95	1	1	5.031118
SU6_str	BOBJ1	203.5267	Before	Interior Girder 6	11.3107	0.95	1	1	5.42858
SU6_str	BOBJ1	203.5267	Before	Right Exterior Girder	11.3107	0.95	1	1	8.227265
SU6_str	BOBJ1	203.5267	After	Left Exterior Girder	11.3107	0.95	1	1	11.091803
SU6_str	BOBJ1	203.5267	After	Interior Girder 1	11.3107	0.95	1	1	7.847994
SU6_str	BOBJ1	203.5267	After	Interior Girder 2	11.3107	0.95	1	1	7.141449
SU6_str	BOBJ1	203.5267	After	Interior Girder 3	11.3107	0.95	1	1	6.335457
SU6_str	BOBJ1	203.5267	After	Interior Girder 4	11.3107	0.95	1	1	6.335457
SU6_str	BOBJ1	203.5267	After	Interior Girder 5	11.3107	0.95	1	1	7.141449
SU6_str	BOBJ1	203.5267	After	Interior Girder 6	11.3107	0.95	1	1	7.847994
SU6_str	BOBJ1	203.5267	After	Right Exterior Girder	11.3107	0.95	1	1	11.091803
SU6_str	BOBJ1	209.1433	Before	Left Exterior Girder	17.0833	0.95	1	1	11.221301
SU6_str	BOBJ1	209.1433	Before	Interior Girder 1	17.0833	0.95	1	1	7.968298
SU6_str	BOBJ1	209.1433	Before	Interior Girder 2	17.0833	0.95	1	1	7.250289
SU6_str	BOBJ1	209.1433	Before	Interior Girder 3	17.0833	0.95	1	1	6.432707
SU6_str	BOBJ1	209.1433	Before	Interior Girder 4	17.0833	0.95	1	1	6.432707
SU6_str	BOBJ1	209.1433	Before	Interior Girder 5	17.0833	0.95	1	1	7.250289
SU6_str	BOBJ1	209.1433	Before	Interior Girder 6	17.0833	0.95	1	1	7.968298
SU6_str	BOBJ1	209.1433	Before	Right Exterior Girder	17.0833	0.95	1	1	11.221301
SU6_str	BOBJ1	209.1433	After	Left Exterior Girder	17.0833	0.95	1	1	13.374675
SU6_str	BOBJ1	209.1433	After	Interior Girder 1	17.0833	0.95	1	1	9.808964
SU6_str	BOBJ1	209.1433	After	Interior Girder 2	17.0833	0.95	1	1	8.890747
SU6_str	BOBJ1	209.1433	After	Interior Girder 3	17.0833	0.95	1	1	8.010333
SU6_str	BOBJ1	209.1433	After	Interior Girder 4	17.0833	0.95	1	1	8.010333
SU6_str	BOBJ1	209.1433	After	Interior Girder 5	17.0833	0.95	1	1	8.890747
SU6_str	BOBJ1	209.1433	After	Interior Girder 6	17.0833	0.95	1	1	9.808964

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Approach, Span 12-1									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
SU6_str	BOBJ1	209.1433	After	Right Exterior Girder	17.0833	0.95	1	1	13.374675
SU6_str	BOBJ1	214.76	Before	Left Exterior Girder	22.7	0.95	1	1	13.525908
SU6_str	BOBJ1	214.76	Before	Interior Girder 1	22.7	0.95	1	1	9.956446
SU6_str	BOBJ1	214.76	Before	Interior Girder 2	22.7	0.95	1	1	9.023607
SU6_str	BOBJ1	214.76	Before	Interior Girder 3	22.7	0.95	1	1	8.130701
SU6_str	BOBJ1	214.76	Before	Interior Girder 4	22.7	0.95	1	1	8.130701
SU6_str	BOBJ1	214.76	Before	Interior Girder 5	22.7	0.95	1	1	9.023607
SU6_str	BOBJ1	214.76	Before	Interior Girder 6	22.7	0.95	1	1	9.956446
SU6_str	BOBJ1	214.76	Before	Right Exterior Girder	22.7	0.95	1	1	13.525908
SU6_str	BOBJ1	214.76	After	Left Exterior Girder	22.7	0.95	1	1	20.252835
SU6_str	BOBJ1	214.76	After	Interior Girder 1	22.7	0.95	1	1	10.33804
SU6_str	BOBJ1	214.76	After	Interior Girder 2	22.7	0.95	1	1	9.244623
SU6_str	BOBJ1	214.76	After	Interior Girder 3	22.7	0.95	1	1	7.829854
SU6_str	BOBJ1	214.76	After	Interior Girder 4	22.7	0.95	1	1	7.829854
SU6_str	BOBJ1	214.76	After	Interior Girder 5	22.7	0.95	1	1	9.244623
SU6_str	BOBJ1	214.76	After	Interior Girder 6	22.7	0.95	1	1	10.33804
SU6_str	BOBJ1	214.76	After	Right Exterior Girder	22.7	0.95	1	1	20.252835
SU6_str	BOBJ1	220.3767	Before	Left Exterior Girder	28.3167	0.95	1	1	20.475329
SU6_str	BOBJ1	220.3767	Before	Interior Girder 1	28.3167	0.95	1	1	10.489888
SU6_str	BOBJ1	220.3767	Before	Interior Girder 2	28.3167	0.95	1	1	9.380289
SU6_str	BOBJ1	220.3767	Before	Interior Girder 3	28.3167	0.95	1	1	7.94485
SU6_str	BOBJ1	220.3767	Before	Interior Girder 4	28.3167	0.95	1	1	7.94485
SU6_str	BOBJ1	220.3767	Before	Interior Girder 5	28.3167	0.95	1	1	9.380289
SU6_str	BOBJ1	220.3767	Before	Interior Girder 6	28.3167	0.95	1	1	10.489888
SU6_str	BOBJ1	220.3767	Before	Right Exterior Girder	28.3167	0.95	1	1	20.475329
SU6_str	BOBJ1	220.3767	After	Left Exterior Girder	28.3167	0.95	1	1	27.862087
SU6_str	BOBJ1	220.3767	After	Interior Girder 1	28.3167	0.95	1	1	14.290541
SU6_str	BOBJ1	220.3767	After	Interior Girder 2	28.3167	0.95	1	1	12.635059
SU6_str	BOBJ1	220.3767	After	Interior Girder 3	28.3167	0.95	1	1	10.586399
SU6_str	BOBJ1	220.3767	After	Interior Girder 4	28.3167	0.95	1	1	10.586399
SU6_str	BOBJ1	220.3767	After	Interior Girder 5	28.3167	0.95	1	1	12.635059
SU6_str	BOBJ1	220.3767	After	Interior Girder 6	28.3167	0.95	1	1	14.290541
SU6_str	BOBJ1	220.3767	After	Right Exterior Girder	28.3167	0.95	1	1	27.862087
SU6_str	BOBJ1	225.9933	Before	Left Exterior Girder	33.9333	0.95	1	1	28.159174
SU6_str	BOBJ1	225.9933	Before	Interior Girder 1	33.9333	0.95	1	1	14.496507
SU6_str	BOBJ1	225.9933	Before	Interior Girder 2	33.9333	0.95	1	1	12.816944
SU6_str	BOBJ1	225.9933	Before	Interior Girder 3	33.9333	0.95	1	1	10.738802
SU6_str	BOBJ1	225.9933	Before	Interior Girder 4	33.9333	0.95	1	1	10.738802
SU6_str	BOBJ1	225.9933	Before	Interior Girder 5	33.9333	0.95	1	1	12.816944
SU6_str	BOBJ1	225.9933	Before	Interior Girder 6	33.9333	0.95	1	1	14.496507
SU6_str	BOBJ1	225.9933	Before	Right Exterior Girder	33.9333	0.95	1	1	28.159174
SU6_str	BOBJ1	225.9933	After	Left Exterior Girder	33.9333	0.95	1	1	24.892571
SU6_str	BOBJ1	225.9933	After	Interior Girder 1	33.9333	0.95	1	1	12.103077
SU6_str	BOBJ1	225.9933	After	Interior Girder 2	33.9333	0.95	1	1	10.755973
SU6_str	BOBJ1	225.9933	After	Interior Girder 3	33.9333	0.95	1	1	9.15493
SU6_str	BOBJ1	225.9933	After	Interior Girder 4	33.9333	0.95	1	1	9.15493
SU6_str	BOBJ1	225.9933	After	Interior Girder 5	33.9333	0.95	1	1	10.755973
SU6_str	BOBJ1	225.9933	After	Interior Girder 6	33.9333	0.95	1	1	12.103077
SU6_str	BOBJ1	225.9933	After	Right Exterior Girder	33.9333	0.95	1	1	24.892571
SU6_str	BOBJ1	231.61	Before	Left Exterior Girder	39.55	0.95	1	1	24.6331
SU6_str	BOBJ1	231.61	Before	Interior Girder 1	39.55	0.95	1	1	11.932669
SU6_str	BOBJ1	231.61	Before	Interior Girder 2	39.55	0.95	1	1	10.604329
SU6_str	BOBJ1	231.61	Before	Interior Girder 3	39.55	0.95	1	1	9.025796
SU6_str	BOBJ1	231.61	Before	Interior Girder 4	39.55	0.95	1	1	9.025796
SU6_str	BOBJ1	231.61	Before	Interior Girder 5	39.55	0.95	1	1	10.604329
SU6_str	BOBJ1	231.61	Before	Interior Girder 6	39.55	0.95	1	1	11.932669
SU6_str	BOBJ1	231.61	Before	Right Exterior Girder	39.55	0.95	1	1	24.6331
SU6_str	BOBJ1	231.61	After	Left Exterior Girder	39.55	0.95	1	1	15.684961
SU6_str	BOBJ1	231.61	After	Interior Girder 1	39.55	0.95	1	1	11.445597
SU6_str	BOBJ1	231.61	After	Interior Girder 2	39.55	0.95	1	1	10.296989
SU6_str	BOBJ1	231.61	After	Interior Girder 3	39.55	0.95	1	1	9.567835
SU6_str	BOBJ1	231.61	After	Interior Girder 4	39.55	0.95	1	1	9.567835
SU6_str	BOBJ1	231.61	After	Interior Girder 5	39.55	0.95	1	1	10.296989
SU6_str	BOBJ1	231.61	After	Interior Girder 6	39.55	0.95	1	1	11.445597
SU6_str	BOBJ1	231.61	After	Right Exterior Girder	39.55	0.95	1	1	15.684961

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Approach, Span 12-1									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
SU6_str	BOBJ1	237.37	Before	Left Exterior Girder	45.31	0.95	1	1	15.512835
SU6_str	BOBJ1	237.37	Before	Interior Girder 1	45.31	0.95	1	1	11.276278
SU6_str	BOBJ1	237.37	Before	Interior Girder 2	45.31	0.95	1	1	10.145387
SU6_str	BOBJ1	237.37	Before	Interior Girder 3	45.31	0.95	1	1	9.426513
SU6_str	BOBJ1	237.37	Before	Interior Girder 4	45.31	0.95	1	1	9.426513
SU6_str	BOBJ1	237.37	Before	Interior Girder 5	45.31	0.95	1	1	10.145387
SU6_str	BOBJ1	237.37	Before	Interior Girder 6	45.31	0.95	1	1	11.276278
SU6_str	BOBJ1	237.37	Before	Right Exterior Girder	45.31	0.95	1	1	15.512835
SU6_str	BOBJ1	237.37	After	Left Exterior Girder	45.31	0.95	1	1	12.800259
SU6_str	BOBJ1	237.37	After	Interior Girder 1	45.31	0.95	1	1	8.768612
SU6_str	BOBJ1	237.37	After	Interior Girder 2	45.31	0.95	1	1	7.912699
SU6_str	BOBJ1	237.37	After	Interior Girder 3	45.31	0.95	1	1	7.208571
SU6_str	BOBJ1	237.37	After	Interior Girder 4	45.31	0.95	1	1	7.208571
SU6_str	BOBJ1	237.37	After	Interior Girder 5	45.31	0.95	1	1	7.912699
SU6_str	BOBJ1	237.37	After	Interior Girder 6	45.31	0.95	1	1	8.768612
SU6_str	BOBJ1	237.37	After	Right Exterior Girder	45.31	0.95	1	1	12.800259
SU6_str	BOBJ1	243.13	Before	Left Exterior Girder	51.07	0.95	1	1	12.655471
SU6_str	BOBJ1	243.13	Before	Interior Girder 1	51.07	0.95	1	1	8.636291
SU6_str	BOBJ1	243.13	Before	Interior Girder 2	51.07	0.95	1	1	7.793883
SU6_str	BOBJ1	243.13	Before	Interior Girder 3	51.07	0.95	1	1	7.099888
SU6_str	BOBJ1	243.13	Before	Interior Girder 4	51.07	0.95	1	1	7.099888
SU6_str	BOBJ1	243.13	Before	Interior Girder 5	51.07	0.95	1	1	7.793883
SU6_str	BOBJ1	243.13	Before	Interior Girder 6	51.07	0.95	1	1	8.636291
SU6_str	BOBJ1	243.13	Before	Right Exterior Girder	51.07	0.95	1	1	12.655471
SU6_str	BOBJ1	243.13	After	Left Exterior Girder	51.07	0.95	1	1	10.882335
SU6_str	BOBJ1	243.13	After	Interior Girder 1	51.07	0.95	1	1	6.575801
SU6_str	BOBJ1	243.13	After	Interior Girder 2	51.07	0.95	1	1	6.111377
SU6_str	BOBJ1	243.13	After	Interior Girder 3	51.07	0.95	1	1	5.256159
SU6_str	BOBJ1	243.13	After	Interior Girder 4	51.07	0.95	1	1	5.256159
SU6_str	BOBJ1	243.13	After	Interior Girder 5	51.07	0.95	1	1	6.111377
SU6_str	BOBJ1	243.13	After	Interior Girder 6	51.07	0.95	1	1	6.575801
SU6_str	BOBJ1	243.13	After	Right Exterior Girder	51.07	0.95	1	1	10.882335
SU6_str	BOBJ1	248.89	Before	Left Exterior Girder	56.83	0.95	1	1	10.755102
SU6_str	BOBJ1	248.89	Before	Interior Girder 1	56.83	0.95	1	1	6.474782
SU6_str	BOBJ1	248.89	Before	Interior Girder 2	56.83	0.95	1	1	6.01771
SU6_str	BOBJ1	248.89	Before	Interior Girder 3	56.83	0.95	1	1	5.175215
SU6_str	BOBJ1	248.89	Before	Interior Girder 4	56.83	0.95	1	1	5.175215
SU6_str	BOBJ1	248.89	Before	Interior Girder 5	56.83	0.95	1	1	6.01771
SU6_str	BOBJ1	248.89	Before	Interior Girder 6	56.83	0.95	1	1	6.474782
SU6_str	BOBJ1	248.89	Before	Right Exterior Girder	56.83	0.95	1	1	10.755102
SU7_str	BOBJ1	0	After	Left Exterior Girder	0	0.95	1	1	10.169749
SU7_str	BOBJ1	0	After	Interior Girder 1	0	0.95	1	1	7.098839
SU7_str	BOBJ1	0	After	Interior Girder 2	0	0.95	1	1	6.444103
SU7_str	BOBJ1	0	After	Interior Girder 3	0	0.95	1	1	5.789591
SU7_str	BOBJ1	0	After	Interior Girder 4	0	0.95	1	1	5.789591
SU7_str	BOBJ1	0	After	Interior Girder 5	0	0.95	1	1	6.444103
SU7_str	BOBJ1	0	After	Interior Girder 6	0	0.95	1	1	7.098839
SU7_str	BOBJ1	0	After	Right Exterior Girder	0	0.95	1	1	10.169749
SU7_str	BOBJ1	5.85	Before	Left Exterior Girder	5.85	0.95	1	1	10.281942
SU7_str	BOBJ1	5.85	Before	Interior Girder 1	5.85	0.95	1	1	7.204184
SU7_str	BOBJ1	5.85	Before	Interior Girder 2	5.85	0.95	1	1	6.539125
SU7_str	BOBJ1	5.85	Before	Interior Girder 3	5.85	0.95	1	1	5.875582
SU7_str	BOBJ1	5.85	Before	Interior Girder 4	5.85	0.95	1	1	5.875582
SU7_str	BOBJ1	5.85	Before	Interior Girder 5	5.85	0.95	1	1	6.539125
SU7_str	BOBJ1	5.85	Before	Interior Girder 6	5.85	0.95	1	1	7.204184
SU7_str	BOBJ1	5.85	Before	Right Exterior Girder	5.85	0.95	1	1	10.281942
SU7_str	BOBJ1	5.85	After	Left Exterior Girder	5.85	0.95	1	1	13.233439
SU7_str	BOBJ1	5.85	After	Interior Girder 1	5.85	0.95	1	1	8.389891
SU7_str	BOBJ1	5.85	After	Interior Girder 2	5.85	0.95	1	1	7.647828
SU7_str	BOBJ1	5.85	After	Interior Girder 3	5.85	0.95	1	1	6.891296
SU7_str	BOBJ1	5.85	After	Interior Girder 4	5.85	0.95	1	1	6.891296
SU7_str	BOBJ1	5.85	After	Interior Girder 5	5.85	0.95	1	1	7.647828
SU7_str	BOBJ1	5.85	After	Interior Girder 6	5.85	0.95	1	1	8.389891
SU7_str	BOBJ1	5.85	After	Right Exterior Girder	5.85	0.95	1	1	13.233439
SU7_str	BOBJ1	11.4667	Before	Left Exterior Girder	11.4667	0.95	1	1	13.369324

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Approach, Span 12-1									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
SU7_str	BOBJ1	11.4667	Before	Interior Girder 1	11.4667	0.95	1	1	8.506901
SU7_str	BOBJ1	11.4667	Before	Interior Girder 2	11.4667	0.95	1	1	7.754249
SU7_str	BOBJ1	11.4667	Before	Interior Girder 3	11.4667	0.95	1	1	6.987337
SU7_str	BOBJ1	11.4667	Before	Interior Girder 4	11.4667	0.95	1	1	6.987337
SU7_str	BOBJ1	11.4667	Before	Interior Girder 5	11.4667	0.95	1	1	7.754249
SU7_str	BOBJ1	11.4667	Before	Interior Girder 6	11.4667	0.95	1	1	8.506901
SU7_str	BOBJ1	11.4667	Before	Right Exterior Girder	11.4667	0.95	1	1	13.369324
SU7_str	BOBJ1	11.4667	After	Left Exterior Girder	11.4667	0.95	1	1	16.434715
SU7_str	BOBJ1	11.4667	After	Interior Girder 1	11.4667	0.95	1	1	11.085811
SU7_str	BOBJ1	11.4667	After	Interior Girder 2	11.4667	0.95	1	1	10.003421
SU7_str	BOBJ1	11.4667	After	Interior Girder 3	11.4667	0.95	1	1	9.128435
SU7_str	BOBJ1	11.4667	After	Interior Girder 4	11.4667	0.95	1	1	9.128435
SU7_str	BOBJ1	11.4667	After	Interior Girder 5	11.4667	0.95	1	1	10.003421
SU7_str	BOBJ1	11.4667	After	Interior Girder 6	11.4667	0.95	1	1	11.085811
SU7_str	BOBJ1	11.4667	After	Right Exterior Girder	11.4667	0.95	1	1	16.434715
SU7_str	BOBJ1	17.0833	Before	Left Exterior Girder	17.0833	0.95	1	1	16.598653
SU7_str	BOBJ1	17.0833	Before	Interior Girder 1	17.0833	0.95	1	1	11.237651
SU7_str	BOBJ1	17.0833	Before	Interior Girder 2	17.0833	0.95	1	1	10.14008
SU7_str	BOBJ1	17.0833	Before	Interior Girder 3	17.0833	0.95	1	1	9.253237
SU7_str	BOBJ1	17.0833	Before	Interior Girder 4	17.0833	0.95	1	1	9.253237
SU7_str	BOBJ1	17.0833	Before	Interior Girder 5	17.0833	0.95	1	1	10.14008
SU7_str	BOBJ1	17.0833	Before	Interior Girder 6	17.0833	0.95	1	1	11.237651
SU7_str	BOBJ1	17.0833	Before	Right Exterior Girder	17.0833	0.95	1	1	16.598653
SU7_str	BOBJ1	17.0833	After	Left Exterior Girder	17.0833	0.95	1	1	20.861129
SU7_str	BOBJ1	17.0833	After	Interior Girder 1	17.0833	0.95	1	1	14.700781
SU7_str	BOBJ1	17.0833	After	Interior Girder 2	17.0833	0.95	1	1	13.150679
SU7_str	BOBJ1	17.0833	After	Interior Girder 3	17.0833	0.95	1	1	11.621077
SU7_str	BOBJ1	17.0833	After	Interior Girder 4	17.0833	0.95	1	1	11.621077
SU7_str	BOBJ1	17.0833	After	Interior Girder 5	17.0833	0.95	1	1	13.150679
SU7_str	BOBJ1	17.0833	After	Interior Girder 6	17.0833	0.95	1	1	14.700781
SU7_str	BOBJ1	17.0833	After	Right Exterior Girder	17.0833	0.95	1	1	20.861129
SU7_str	BOBJ1	22.7	Before	Left Exterior Girder	22.7	0.95	1	1	21.063533
SU7_str	BOBJ1	22.7	Before	Interior Girder 1	22.7	0.95	1	1	14.898498
SU7_str	BOBJ1	22.7	Before	Interior Girder 2	22.7	0.95	1	1	13.327079
SU7_str	BOBJ1	22.7	Before	Interior Girder 3	22.7	0.95	1	1	11.468959
SU7_str	BOBJ1	22.7	Before	Interior Girder 4	22.7	0.95	1	1	11.468959
SU7_str	BOBJ1	22.7	Before	Interior Girder 5	22.7	0.95	1	1	13.327079
SU7_str	BOBJ1	22.7	Before	Interior Girder 6	22.7	0.95	1	1	14.898498
SU7_str	BOBJ1	22.7	Before	Right Exterior Girder	22.7	0.95	1	1	21.063533
SU7_str	BOBJ1	22.7	After	Left Exterior Girder	22.7	0.95	1	1	26.186383
SU7_str	BOBJ1	22.7	After	Interior Girder 1	22.7	0.95	1	1	14.94024
SU7_str	BOBJ1	22.7	After	Interior Girder 2	22.7	0.95	1	1	13.006108
SU7_str	BOBJ1	22.7	After	Interior Girder 3	22.7	0.95	1	1	10.964795
SU7_str	BOBJ1	22.7	After	Interior Girder 4	22.7	0.95	1	1	10.964795
SU7_str	BOBJ1	22.7	After	Interior Girder 5	22.7	0.95	1	1	13.006108
SU7_str	BOBJ1	22.7	After	Interior Girder 6	22.7	0.95	1	1	14.94024
SU7_str	BOBJ1	22.7	After	Right Exterior Girder	22.7	0.95	1	1	26.186383
SU7_str	BOBJ1	28.3167	Before	Left Exterior Girder	28.3167	0.95	1	1	25.930743
SU7_str	BOBJ1	28.3167	Before	Interior Girder 1	28.3167	0.95	1	1	15.136356
SU7_str	BOBJ1	28.3167	Before	Interior Girder 2	28.3167	0.95	1	1	13.177469
SU7_str	BOBJ1	28.3167	Before	Interior Girder 3	28.3167	0.95	1	1	11.109168
SU7_str	BOBJ1	28.3167	Before	Interior Girder 4	28.3167	0.95	1	1	11.109168
SU7_str	BOBJ1	28.3167	Before	Interior Girder 5	28.3167	0.95	1	1	13.177469
SU7_str	BOBJ1	28.3167	Before	Interior Girder 6	28.3167	0.95	1	1	15.136356
SU7_str	BOBJ1	28.3167	Before	Right Exterior Girder	28.3167	0.95	1	1	25.930743
SU7_str	BOBJ1	28.3167	After	Left Exterior Girder	28.3167	0.95	1	1	18.960266
SU7_str	BOBJ1	28.3167	After	Interior Girder 1	28.3167	0.95	1	1	11.622695
SU7_str	BOBJ1	28.3167	After	Interior Girder 2	28.3167	0.95	1	1	10.626127
SU7_str	BOBJ1	28.3167	After	Interior Girder 3	28.3167	0.95	1	1	9.081703
SU7_str	BOBJ1	28.3167	After	Interior Girder 4	28.3167	0.95	1	1	9.081703
SU7_str	BOBJ1	28.3167	After	Interior Girder 5	28.3167	0.95	1	1	10.626127
SU7_str	BOBJ1	28.3167	After	Interior Girder 6	28.3167	0.95	1	1	11.622695
SU7_str	BOBJ1	28.3167	After	Right Exterior Girder	28.3167	0.95	1	1	18.960266
SU7_str	BOBJ1	33.9333	Before	Left Exterior Girder	33.9333	0.95	1	1	18.769911
SU7_str	BOBJ1	33.9333	Before	Interior Girder 1	33.9333	0.95	1	1	11.464348

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Approach, Span 12-1									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
SU7_str	BOBJ1	33.9333	Before	Interior Girder 2	33.9333	0.95	1	1	10.48188
SU7_str	BOBJ1	33.9333	Before	Interior Girder 3	33.9333	0.95	1	1	8.958287
SU7_str	BOBJ1	33.9333	Before	Interior Girder 4	33.9333	0.95	1	1	8.958287
SU7_str	BOBJ1	33.9333	Before	Interior Girder 5	33.9333	0.95	1	1	10.48188
SU7_str	BOBJ1	33.9333	Before	Interior Girder 6	33.9333	0.95	1	1	11.464348
SU7_str	BOBJ1	33.9333	Before	Right Exterior Girder	33.9333	0.95	1	1	18.769911
SU7_str	BOBJ1	33.9333	After	Left Exterior Girder	33.9333	0.95	1	1	14.610983
SU7_str	BOBJ1	33.9333	After	Interior Girder 1	33.9333	0.95	1	1	8.826231
SU7_str	BOBJ1	33.9333	After	Interior Girder 2	33.9333	0.95	1	1	8.132223
SU7_str	BOBJ1	33.9333	After	Interior Girder 3	33.9333	0.95	1	1	6.999316
SU7_str	BOBJ1	33.9333	After	Interior Girder 4	33.9333	0.95	1	1	6.999316
SU7_str	BOBJ1	33.9333	After	Interior Girder 5	33.9333	0.95	1	1	8.132223
SU7_str	BOBJ1	33.9333	After	Interior Girder 6	33.9333	0.95	1	1	8.826231
SU7_str	BOBJ1	33.9333	After	Right Exterior Girder	33.9333	0.95	1	1	14.610983
SU7_str	BOBJ1	39.55	Before	Left Exterior Girder	39.55	0.95	1	1	14.459928
SU7_str	BOBJ1	39.55	Before	Interior Girder 1	39.55	0.95	1	1	8.703831
SU7_str	BOBJ1	39.55	Before	Interior Girder 2	39.55	0.95	1	1	8.019804
SU7_str	BOBJ1	39.55	Before	Interior Girder 3	39.55	0.95	1	1	6.902349
SU7_str	BOBJ1	39.55	Before	Interior Girder 4	39.55	0.95	1	1	6.902349
SU7_str	BOBJ1	39.55	Before	Interior Girder 5	39.55	0.95	1	1	8.019804
SU7_str	BOBJ1	39.55	Before	Interior Girder 6	39.55	0.95	1	1	8.703831
SU7_str	BOBJ1	39.55	Before	Right Exterior Girder	39.55	0.95	1	1	14.459928
SU7_str	BOBJ1	39.55	After	Left Exterior Girder	39.55	0.95	1	1	10.546745
SU7_str	BOBJ1	39.55	After	Interior Girder 1	39.55	0.95	1	1	8.261741
SU7_str	BOBJ1	39.55	After	Interior Girder 2	39.55	0.95	1	1	7.482795
SU7_str	BOBJ1	39.55	After	Interior Girder 3	39.55	0.95	1	1	6.804072
SU7_str	BOBJ1	39.55	After	Interior Girder 4	39.55	0.95	1	1	6.804072
SU7_str	BOBJ1	39.55	After	Interior Girder 5	39.55	0.95	1	1	7.482795
SU7_str	BOBJ1	39.55	After	Interior Girder 6	39.55	0.95	1	1	8.261741
SU7_str	BOBJ1	39.55	After	Right Exterior Girder	39.55	0.95	1	1	10.546745
SU7_str	BOBJ1	45.1733	Before	Left Exterior Girder	45.1226	0.95	1	1	10.43423
SU7_str	BOBJ1	45.1733	Before	Interior Girder 1	45.1226	0.95	1	1	8.144708
SU7_str	BOBJ1	45.1733	Before	Interior Girder 2	45.1226	0.95	1	1	7.377586
SU7_str	BOBJ1	45.1733	Before	Interior Girder 3	45.1226	0.95	1	1	6.707449
SU7_str	BOBJ1	45.1733	Before	Interior Girder 4	45.1226	0.95	1	1	6.707449
SU7_str	BOBJ1	45.1733	Before	Interior Girder 5	45.1226	0.95	1	1	7.377586
SU7_str	BOBJ1	45.1733	Before	Interior Girder 6	45.1226	0.95	1	1	8.144708
SU7_str	BOBJ1	45.1733	Before	Right Exterior Girder	45.1226	0.95	1	1	10.43423
SU7_str	BOBJ1	45.1733	After	Left Exterior Girder	45.1226	0.95	1	1	7.397566
SU7_str	BOBJ1	45.1733	After	Interior Girder 1	45.1226	0.95	1	1	5.620352
SU7_str	BOBJ1	45.1733	After	Interior Girder 2	45.1226	0.95	1	1	5.114209
SU7_str	BOBJ1	45.1733	After	Interior Girder 3	45.1226	0.95	1	1	4.505511
SU7_str	BOBJ1	45.1733	After	Interior Girder 4	45.1226	0.95	1	1	4.505511
SU7_str	BOBJ1	45.1733	After	Interior Girder 5	45.1226	0.95	1	1	5.114209
SU7_str	BOBJ1	45.1733	After	Interior Girder 6	45.1226	0.95	1	1	5.620352
SU7_str	BOBJ1	45.1733	After	Right Exterior Girder	45.1226	0.95	1	1	7.397566
SU7_str	BOBJ1	49.2561	Before	Left Exterior Girder	49.2561	0.95	1	1	7.329144
SU7_str	BOBJ1	49.2561	Before	Right Exterior Girder	49.2561	0.95	1	1	7.329144
SU7_str	BOBJ1	49.2561	After	Left Exterior Girder	49.2561	0.95	1	1	6.582474
SU7_str	BOBJ1	49.2561	After	Right Exterior Girder	49.2561	0.95	1	1	6.582474
SU7_str	BOBJ1	50.7967	Before	Left Exterior Girder	50.7967	0.95	1	1	6.55655
SU7_str	BOBJ1	50.7967	Before	Interior Girder 1	50.7967	0.95	1	1	4.594392
SU7_str	BOBJ1	50.7967	Before	Interior Girder 2	50.7967	0.95	1	1	5.030129
SU7_str	BOBJ1	50.7967	Before	Interior Girder 3	50.7967	0.95	1	1	4.430305
SU7_str	BOBJ1	50.7967	Before	Interior Girder 4	50.7967	0.95	1	1	4.430305
SU7_str	BOBJ1	50.7967	Before	Interior Girder 5	50.7967	0.95	1	1	5.030129
SU7_str	BOBJ1	50.7967	Before	Interior Girder 6	50.7967	0.95	1	1	4.594392
SU7_str	BOBJ1	50.7967	Before	Right Exterior Girder	50.7967	0.95	1	1	6.55655
SU7_str	BOBJ1	50.7967	After	Left Exterior Girder	50.7967	0.95	1	1	7.201724
SU7_str	BOBJ1	50.7967	After	Interior Girder 1	50.7967	0.95	1	1	3.701309
SU7_str	BOBJ1	50.7967	After	Interior Girder 2	50.7967	0.95	1	1	3.949767
SU7_str	BOBJ1	50.7967	After	Interior Girder 3	50.7967	0.95	1	1	3.206223
SU7_str	BOBJ1	50.7967	After	Interior Girder 4	50.7967	0.95	1	1	3.206223
SU7_str	BOBJ1	50.7967	After	Interior Girder 5	50.7967	0.95	1	1	3.949767
SU7_str	BOBJ1	50.7967	After	Interior Girder 6	50.7967	0.95	1	1	3.701309

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Approach, Span 12-1									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
SU7_str	BOBJ1	50.7967	After	Right Exterior Girder	50.7967	0.95	1	1	7.201724
SU7_str	BOBJ1	51.3989	Before	Interior Girder 1	51.3989	0.95	1	1	3.694449
SU7_str	BOBJ1	51.3989	Before	Interior Girder 2	51.3989	0.95	1	1	3.942681
SU7_str	BOBJ1	51.3989	Before	Interior Girder 3	51.3989	0.95	1	1	3.200358
SU7_str	BOBJ1	51.3989	Before	Interior Girder 4	51.3989	0.95	1	1	3.200358
SU7_str	BOBJ1	51.3989	Before	Interior Girder 5	51.3989	0.95	1	1	3.942681
SU7_str	BOBJ1	51.3989	Before	Interior Girder 6	51.3989	0.95	1	1	3.694449
SU7_str	BOBJ1	51.3989	After	Interior Girder 1	51.3989	0.95	1	1	4.458773
SU7_str	BOBJ1	51.3989	After	Interior Girder 2	51.3989	0.95	1	1	4.187665
SU7_str	BOBJ1	51.3989	After	Interior Girder 3	51.3989	0.95	1	1	3.460457
SU7_str	BOBJ1	51.3989	After	Interior Girder 4	51.3989	0.95	1	1	3.460457
SU7_str	BOBJ1	51.3989	After	Interior Girder 5	51.3989	0.95	1	1	4.187665
SU7_str	BOBJ1	51.3989	After	Interior Girder 6	51.3989	0.95	1	1	4.458773
SU7_str	BOBJ1	56.42	Before	Left Exterior Girder	56.42	0.95	1	1	6.447805
SU7_str	BOBJ1	56.42	Before	Interior Girder 1	56.42	0.95	1	1	4.387986
SU7_str	BOBJ1	56.42	Before	Interior Girder 2	56.42	0.95	1	1	4.121723
SU7_str	BOBJ1	56.42	Before	Interior Girder 3	56.42	0.95	1	1	3.404797
SU7_str	BOBJ1	56.42	Before	Interior Girder 4	56.42	0.95	1	1	3.404797
SU7_str	BOBJ1	56.42	Before	Interior Girder 5	56.42	0.95	1	1	4.121723
SU7_str	BOBJ1	56.42	Before	Interior Girder 6	56.42	0.95	1	1	4.387986
SU7_str	BOBJ1	56.42	Before	Right Exterior Girder	56.42	0.95	1	1	6.447805
SU7_str	BOBJ1	56.42	After	Left Exterior Girder	0	0.95	1	1	6.395421
SU7_str	BOBJ1	56.42	After	Interior Girder 1	0	0.95	1	1	4.465378
SU7_str	BOBJ1	56.42	After	Interior Girder 2	0	0.95	1	1	4.178824
SU7_str	BOBJ1	56.42	After	Interior Girder 3	0	0.95	1	1	3.47002
SU7_str	BOBJ1	56.42	After	Interior Girder 4	0	0.95	1	1	3.47002
SU7_str	BOBJ1	56.42	After	Interior Girder 5	0	0.95	1	1	4.178824
SU7_str	BOBJ1	56.42	After	Interior Girder 6	0	0.95	1	1	4.465378
SU7_str	BOBJ1	56.42	After	Right Exterior Girder	0	0.95	1	1	6.395421
SU7_str	BOBJ1	62.0367	Before	Left Exterior Girder	5.6167	0.95	1	1	6.492686
SU7_str	BOBJ1	62.0367	Before	Interior Girder 1	5.6167	0.95	1	1	4.545186
SU7_str	BOBJ1	62.0367	Before	Interior Girder 2	5.6167	0.95	1	1	4.252961
SU7_str	BOBJ1	62.0367	Before	Interior Girder 3	5.6167	0.95	1	1	3.532933
SU7_str	BOBJ1	62.0367	Before	Interior Girder 4	5.6167	0.95	1	1	3.532933
SU7_str	BOBJ1	62.0367	Before	Interior Girder 5	5.6167	0.95	1	1	4.252961
SU7_str	BOBJ1	62.0367	Before	Interior Girder 6	5.6167	0.95	1	1	4.545186
SU7_str	BOBJ1	62.0367	Before	Right Exterior Girder	5.6167	0.95	1	1	6.492686
SU7_str	BOBJ1	62.0367	After	Left Exterior Girder	5.6167	0.95	1	1	9.580883
SU7_str	BOBJ1	62.0367	After	Interior Girder 1	5.6167	0.95	1	1	4.241
SU7_str	BOBJ1	62.0367	After	Interior Girder 2	5.6167	0.95	1	1	4.747025
SU7_str	BOBJ1	62.0367	After	Interior Girder 3	5.6167	0.95	1	1	4.121925
SU7_str	BOBJ1	62.0367	After	Interior Girder 4	5.6167	0.95	1	1	4.121925
SU7_str	BOBJ1	62.0367	After	Interior Girder 5	5.6167	0.95	1	1	4.747025
SU7_str	BOBJ1	62.0367	After	Interior Girder 6	5.6167	0.95	1	1	4.241
SU7_str	BOBJ1	62.0367	After	Right Exterior Girder	5.6167	0.95	1	1	9.580883
SU7_str	BOBJ1	62.4203	Before	Interior Girder 1	6.0003	0.95	1	1	4.246192
SU7_str	BOBJ1	62.4203	Before	Interior Girder 2	6.0003	0.95	1	1	4.752666
SU7_str	BOBJ1	62.4203	Before	Interior Girder 3	6.0003	0.95	1	1	4.126921
SU7_str	BOBJ1	62.4203	Before	Interior Girder 4	6.0003	0.95	1	1	4.126921
SU7_str	BOBJ1	62.4203	Before	Interior Girder 5	6.0003	0.95	1	1	4.752666
SU7_str	BOBJ1	62.4203	Before	Interior Girder 6	6.0003	0.95	1	1	4.246192
SU7_str	BOBJ1	62.4203	After	Interior Girder 1	6.0003	0.95	1	1	4.300566
SU7_str	BOBJ1	62.4203	After	Interior Girder 2	6.0003	0.95	1	1	5.096146
SU7_str	BOBJ1	62.4203	After	Interior Girder 3	6.0003	0.95	1	1	4.514148
SU7_str	BOBJ1	62.4203	After	Interior Girder 4	6.0003	0.95	1	1	4.514148
SU7_str	BOBJ1	62.4203	After	Interior Girder 5	6.0003	0.95	1	1	5.096146
SU7_str	BOBJ1	62.4203	After	Interior Girder 6	6.0003	0.95	1	1	4.300566
SU7_str	BOBJ1	64.9204	Before	Left Exterior Girder	8.5004	0.95	1	1	6.87913
SU7_str	BOBJ1	64.9204	Before	Right Exterior Girder	8.5004	0.95	1	1	6.87913
SU7_str	BOBJ1	64.9204	After	Left Exterior Girder	8.5004	0.95	1	1	6.961443
SU7_str	BOBJ1	64.9204	After	Right Exterior Girder	8.5004	0.95	1	1	6.961443
SU7_str	BOBJ1	67.6533	Before	Left Exterior Girder	11.2333	0.95	1	1	7.003829
SU7_str	BOBJ1	67.6533	Before	Interior Girder 1	11.2333	0.95	1	1	5.745833
SU7_str	BOBJ1	67.6533	Before	Interior Girder 2	11.2333	0.95	1	1	5.174648
SU7_str	BOBJ1	67.6533	Before	Interior Girder 3	11.2333	0.95	1	1	4.584795

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Approach, Span 12-1									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
SU7_str	BOBJ1	67.6533	Before	Interior Girder 4	11.2333	0.95	1	1	4.584795
SU7_str	BOBJ1	67.6533	Before	Interior Girder 5	11.2333	0.95	1	1	5.174648
SU7_str	BOBJ1	67.6533	Before	Interior Girder 6	11.2333	0.95	1	1	5.745833
SU7_str	BOBJ1	67.6533	Before	Right Exterior Girder	11.2333	0.95	1	1	7.003829
SU7_str	BOBJ1	67.6533	After	Left Exterior Girder	11.2333	0.95	1	1	8.238409
SU7_str	BOBJ1	67.6533	After	Interior Girder 1	11.2333	0.95	1	1	6.881496
SU7_str	BOBJ1	67.6533	After	Interior Girder 2	11.2333	0.95	1	1	6.245752
SU7_str	BOBJ1	67.6533	After	Interior Girder 3	11.2333	0.95	1	1	5.69514
SU7_str	BOBJ1	67.6533	After	Interior Girder 4	11.2333	0.95	1	1	5.69514
SU7_str	BOBJ1	67.6533	After	Interior Girder 5	11.2333	0.95	1	1	6.245752
SU7_str	BOBJ1	67.6533	After	Interior Girder 6	11.2333	0.95	1	1	6.881496
SU7_str	BOBJ1	67.6533	After	Right Exterior Girder	11.2333	0.95	1	1	8.238409
SU7_str	BOBJ1	73.27	Before	Left Exterior Girder	16.85	0.95	1	1	8.338376
SU7_str	BOBJ1	73.27	Before	Interior Girder 1	16.85	0.95	1	1	6.993946
SU7_str	BOBJ1	73.27	Before	Interior Girder 2	16.85	0.95	1	1	6.346999
SU7_str	BOBJ1	73.27	Before	Interior Girder 3	16.85	0.95	1	1	5.788621
SU7_str	BOBJ1	73.27	Before	Interior Girder 4	16.85	0.95	1	1	5.788621
SU7_str	BOBJ1	73.27	Before	Interior Girder 5	16.85	0.95	1	1	6.346999
SU7_str	BOBJ1	73.27	Before	Interior Girder 6	16.85	0.95	1	1	6.993946
SU7_str	BOBJ1	73.27	Before	Right Exterior Girder	16.85	0.95	1	1	8.338376
SU7_str	BOBJ1	73.27	After	Left Exterior Girder	16.85	0.95	1	1	11.433139
SU7_str	BOBJ1	73.27	After	Interior Girder 1	16.85	0.95	1	1	7.308474
SU7_str	BOBJ1	73.27	After	Interior Girder 2	16.85	0.95	1	1	6.707947
SU7_str	BOBJ1	73.27	After	Interior Girder 3	16.85	0.95	1	1	5.941676
SU7_str	BOBJ1	73.27	After	Interior Girder 4	16.85	0.95	1	1	5.941676
SU7_str	BOBJ1	73.27	After	Interior Girder 5	16.85	0.95	1	1	6.707947
SU7_str	BOBJ1	73.27	After	Interior Girder 6	16.85	0.95	1	1	7.308474
SU7_str	BOBJ1	73.27	After	Right Exterior Girder	16.85	0.95	1	1	11.433139
SU7_str	BOBJ1	78.8867	Before	Left Exterior Girder	22.4667	0.95	1	1	11.566939
SU7_str	BOBJ1	78.8867	Before	Interior Girder 1	22.4667	0.95	1	1	7.425166
SU7_str	BOBJ1	78.8867	Before	Interior Girder 2	22.4667	0.95	1	1	6.814755
SU7_str	BOBJ1	78.8867	Before	Interior Girder 3	22.4667	0.95	1	1	6.036556
SU7_str	BOBJ1	78.8867	Before	Interior Girder 4	22.4667	0.95	1	1	6.036556
SU7_str	BOBJ1	78.8867	Before	Interior Girder 5	22.4667	0.95	1	1	6.814755
SU7_str	BOBJ1	78.8867	Before	Interior Girder 6	22.4667	0.95	1	1	7.425166
SU7_str	BOBJ1	78.8867	Before	Right Exterior Girder	22.4667	0.95	1	1	11.566939
SU7_str	BOBJ1	78.8867	After	Left Exterior Girder	22.4667	0.95	1	1	14.055906
SU7_str	BOBJ1	78.8867	After	Interior Girder 1	22.4667	0.95	1	1	9.436253
SU7_str	BOBJ1	78.8867	After	Interior Girder 2	22.4667	0.95	1	1	8.588075
SU7_str	BOBJ1	78.8867	After	Interior Girder 3	22.4667	0.95	1	1	7.705195
SU7_str	BOBJ1	78.8867	After	Interior Girder 4	22.4667	0.95	1	1	7.705195
SU7_str	BOBJ1	78.8867	After	Interior Girder 5	22.4667	0.95	1	1	8.588075
SU7_str	BOBJ1	78.8867	After	Interior Girder 6	22.4667	0.95	1	1	9.436253
SU7_str	BOBJ1	78.8867	After	Right Exterior Girder	22.4667	0.95	1	1	14.055906
SU7_str	BOBJ1	84.5033	Before	Left Exterior Girder	28.0833	0.95	1	1	14.21483
SU7_str	BOBJ1	84.5033	Before	Interior Girder 1	28.0833	0.95	1	1	9.583863
SU7_str	BOBJ1	84.5033	Before	Interior Girder 2	28.0833	0.95	1	1	8.721965
SU7_str	BOBJ1	84.5033	Before	Interior Girder 3	28.0833	0.95	1	1	7.82551
SU7_str	BOBJ1	84.5033	Before	Interior Girder 4	28.0833	0.95	1	1	7.82551
SU7_str	BOBJ1	84.5033	Before	Interior Girder 5	28.0833	0.95	1	1	8.721965
SU7_str	BOBJ1	84.5033	Before	Interior Girder 6	28.0833	0.95	1	1	9.583863
SU7_str	BOBJ1	84.5033	Before	Right Exterior Girder	28.0833	0.95	1	1	14.21483
SU7_str	BOBJ1	84.5033	After	Left Exterior Girder	28.0833	0.95	1	1	18.185742
SU7_str	BOBJ1	84.5033	After	Interior Girder 1	28.0833	0.95	1	1	12.417842
SU7_str	BOBJ1	84.5033	After	Interior Girder 2	28.0833	0.95	1	1	10.970776
SU7_str	BOBJ1	84.5033	After	Interior Girder 3	28.0833	0.95	1	1	9.253118
SU7_str	BOBJ1	84.5033	After	Interior Girder 4	28.0833	0.95	1	1	9.253118
SU7_str	BOBJ1	84.5033	After	Interior Girder 5	28.0833	0.95	1	1	10.970776
SU7_str	BOBJ1	84.5033	After	Interior Girder 6	28.0833	0.95	1	1	12.417842
SU7_str	BOBJ1	84.5033	After	Right Exterior Girder	28.0833	0.95	1	1	18.185742
SU7_str	BOBJ1	90.12	Before	Left Exterior Girder	33.7	0.95	1	1	18.384723
SU7_str	BOBJ1	90.12	Before	Interior Girder 1	33.7	0.95	1	1	12.510823
SU7_str	BOBJ1	90.12	Before	Interior Girder 2	33.7	0.95	1	1	10.808934
SU7_str	BOBJ1	90.12	Before	Interior Girder 3	33.7	0.95	1	1	9.116741
SU7_str	BOBJ1	90.12	Before	Interior Girder 4	33.7	0.95	1	1	9.116741

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Approach, Span 12-1									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
SU7_str	BOBJ1	90.12	Before	Interior Girder 5	33.7	0.95	1	1	10.808934
SU7_str	BOBJ1	90.12	Before	Interior Girder 6	33.7	0.95	1	1	12.510823
SU7_str	BOBJ1	90.12	Before	Right Exterior Girder	33.7	0.95	1	1	18.384723
SU7_str	BOBJ1	90.12	After	Left Exterior Girder	33.7	0.95	1	1	19.192962
SU7_str	BOBJ1	90.12	After	Interior Girder 1	33.7	0.95	1	1	12.430817
SU7_str	BOBJ1	90.12	After	Interior Girder 2	33.7	0.95	1	1	10.760437
SU7_str	BOBJ1	90.12	After	Interior Girder 3	33.7	0.95	1	1	9.094649
SU7_str	BOBJ1	90.12	After	Interior Girder 4	33.7	0.95	1	1	9.094649
SU7_str	BOBJ1	90.12	After	Interior Girder 5	33.7	0.95	1	1	10.760437
SU7_str	BOBJ1	90.12	After	Interior Girder 6	33.7	0.95	1	1	12.430817
SU7_str	BOBJ1	90.12	After	Right Exterior Girder	33.7	0.95	1	1	19.192962
SU7_str	BOBJ1	95.7367	Before	Left Exterior Girder	39.3167	0.95	1	1	18.985274
SU7_str	BOBJ1	95.7367	Before	Interior Girder 1	39.3167	0.95	1	1	12.601643
SU7_str	BOBJ1	95.7367	Before	Interior Girder 2	39.3167	0.95	1	1	10.921453
SU7_str	BOBJ1	95.7367	Before	Interior Girder 3	39.3167	0.95	1	1	9.23059
SU7_str	BOBJ1	95.7367	Before	Interior Girder 4	39.3167	0.95	1	1	9.23059
SU7_str	BOBJ1	95.7367	Before	Interior Girder 5	39.3167	0.95	1	1	10.921453
SU7_str	BOBJ1	95.7367	Before	Interior Girder 6	39.3167	0.95	1	1	12.601643
SU7_str	BOBJ1	95.7367	Before	Right Exterior Girder	39.3167	0.95	1	1	18.985274
SU7_str	BOBJ1	95.7367	After	Left Exterior Girder	39.3167	0.95	1	1	14.60629
SU7_str	BOBJ1	95.7367	After	Interior Girder 1	39.3167	0.95	1	1	9.695928
SU7_str	BOBJ1	95.7367	After	Interior Girder 2	39.3167	0.95	1	1	8.842012
SU7_str	BOBJ1	95.7367	After	Interior Girder 3	39.3167	0.95	1	1	7.865289
SU7_str	BOBJ1	95.7367	After	Interior Girder 4	39.3167	0.95	1	1	7.865289
SU7_str	BOBJ1	95.7367	After	Interior Girder 5	39.3167	0.95	1	1	8.842012
SU7_str	BOBJ1	95.7367	After	Interior Girder 6	39.3167	0.95	1	1	9.695928
SU7_str	BOBJ1	95.7367	After	Right Exterior Girder	39.3167	0.95	1	1	14.60629
SU7_str	BOBJ1	101.3533	Before	Left Exterior Girder	44.9333	0.95	1	1	14.443021
SU7_str	BOBJ1	101.3533	Before	Interior Girder 1	44.9333	0.95	1	1	9.546532
SU7_str	BOBJ1	101.3533	Before	Interior Girder 2	44.9333	0.95	1	1	8.706191
SU7_str	BOBJ1	101.3533	Before	Interior Girder 3	44.9333	0.95	1	1	7.744267
SU7_str	BOBJ1	101.3533	Before	Interior Girder 4	44.9333	0.95	1	1	7.744267
SU7_str	BOBJ1	101.3533	Before	Interior Girder 5	44.9333	0.95	1	1	8.706191
SU7_str	BOBJ1	101.3533	Before	Interior Girder 6	44.9333	0.95	1	1	9.546532
SU7_str	BOBJ1	101.3533	Before	Right Exterior Girder	44.9333	0.95	1	1	14.443021
SU7_str	BOBJ1	101.3533	After	Left Exterior Girder	44.9333	0.95	1	1	11.846563
SU7_str	BOBJ1	101.3533	After	Interior Girder 1	44.9333	0.95	1	1	7.49366
SU7_str	BOBJ1	101.3533	After	Interior Girder 2	44.9333	0.95	1	1	6.889058
SU7_str	BOBJ1	101.3533	After	Interior Girder 3	44.9333	0.95	1	1	6.057206
SU7_str	BOBJ1	101.3533	After	Interior Girder 4	44.9333	0.95	1	1	6.057206
SU7_str	BOBJ1	101.3533	After	Interior Girder 5	44.9333	0.95	1	1	6.889058
SU7_str	BOBJ1	101.3533	After	Interior Girder 6	44.9333	0.95	1	1	7.49366
SU7_str	BOBJ1	101.3533	After	Right Exterior Girder	44.9333	0.95	1	1	11.846563
SU7_str	BOBJ1	106.97	Before	Left Exterior Girder	50.55	0.95	1	1	11.709559
SU7_str	BOBJ1	106.97	Before	Interior Girder 1	50.55	0.95	1	1	7.375845
SU7_str	BOBJ1	106.97	Before	Interior Girder 2	50.55	0.95	1	1	6.781011
SU7_str	BOBJ1	106.97	Before	Interior Girder 3	50.55	0.95	1	1	5.961924
SU7_str	BOBJ1	106.97	Before	Interior Girder 4	50.55	0.95	1	1	5.961924
SU7_str	BOBJ1	106.97	Before	Interior Girder 5	50.55	0.95	1	1	6.781011
SU7_str	BOBJ1	106.97	Before	Interior Girder 6	50.55	0.95	1	1	7.375845
SU7_str	BOBJ1	106.97	Before	Right Exterior Girder	50.55	0.95	1	1	11.709559
SU7_str	BOBJ1	106.97	After	Left Exterior Girder	50.55	0.95	1	1	8.495406
SU7_str	BOBJ1	106.97	After	Interior Girder 1	50.55	0.95	1	1	7.088376
SU7_str	BOBJ1	106.97	After	Interior Girder 2	50.55	0.95	1	1	6.427046
SU7_str	BOBJ1	106.97	After	Interior Girder 3	50.55	0.95	1	1	5.849061
SU7_str	BOBJ1	106.97	After	Interior Girder 4	50.55	0.95	1	1	5.849061
SU7_str	BOBJ1	106.97	After	Interior Girder 5	50.55	0.95	1	1	6.427046
SU7_str	BOBJ1	106.97	After	Interior Girder 6	50.55	0.95	1	1	7.088376
SU7_str	BOBJ1	106.97	After	Right Exterior Girder	50.55	0.95	1	1	8.495406
SU7_str	BOBJ1	112.5933	Before	Left Exterior Girder	56.1733	0.95	1	1	8.393471
SU7_str	BOBJ1	112.5933	Before	Interior Girder 1	56.1733	0.95	1	1	6.97423
SU7_str	BOBJ1	112.5933	Before	Interior Girder 2	56.1733	0.95	1	1	6.324305
SU7_str	BOBJ1	112.5933	Before	Interior Girder 3	56.1733	0.95	1	1	5.754418
SU7_str	BOBJ1	112.5933	Before	Interior Girder 4	56.1733	0.95	1	1	5.754418
SU7_str	BOBJ1	112.5933	Before	Interior Girder 5	56.1733	0.95	1	1	6.324305

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Approach, Span 12-1									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
SU7_str	BOBJ1	112.5933	Before	Interior Girder 6	56.1733	0.95	1	1	6.97423
SU7_str	BOBJ1	112.5933	Before	Right Exterior Girder	56.1733	0.95	1	1	8.393471
SU7_str	BOBJ1	112.5933	After	Left Exterior Girder	56.1733	0.95	1	1	7.153812
SU7_str	BOBJ1	112.5933	After	Interior Girder 1	56.1733	0.95	1	1	5.764161
SU7_str	BOBJ1	112.5933	After	Interior Girder 2	56.1733	0.95	1	1	5.218803
SU7_str	BOBJ1	112.5933	After	Interior Girder 3	56.1733	0.95	1	1	4.617131
SU7_str	BOBJ1	112.5933	After	Interior Girder 4	56.1733	0.95	1	1	4.617131
SU7_str	BOBJ1	112.5933	After	Interior Girder 5	56.1733	0.95	1	1	5.218803
SU7_str	BOBJ1	112.5933	After	Interior Girder 6	56.1733	0.95	1	1	5.764161
SU7_str	BOBJ1	112.5933	After	Right Exterior Girder	56.1733	0.95	1	1	7.153812
SU7_str	BOBJ1	115.3396	Before	Left Exterior Girder	58.9196	0.95	1	1	7.110337
SU7_str	BOBJ1	115.3396	Before	Right Exterior Girder	58.9196	0.95	1	1	7.110337
SU7_str	BOBJ1	115.3396	After	Left Exterior Girder	58.9196	0.95	1	1	7.048894
SU7_str	BOBJ1	115.3396	After	Right Exterior Girder	58.9196	0.95	1	1	7.048894
SU7_str	BOBJ1	118.2167	Before	Left Exterior Girder	61.7967	0.95	1	1	6.996243
SU7_str	BOBJ1	118.2167	Before	Interior Girder 1	61.9198	0.95	1	1	5.725092
SU7_str	BOBJ1	118.2167	Before	Interior Girder 2	61.9198	0.95	1	1	5.133622
SU7_str	BOBJ1	118.2167	Before	Interior Girder 3	61.9198	0.95	1	1	4.540599
SU7_str	BOBJ1	118.2167	Before	Interior Girder 4	61.9198	0.95	1	1	4.540599
SU7_str	BOBJ1	118.2167	Before	Interior Girder 5	61.9198	0.95	1	1	5.133622
SU7_str	BOBJ1	118.2167	Before	Interior Girder 6	61.9198	0.95	1	1	5.725092
SU7_str	BOBJ1	118.2167	Before	Right Exterior Girder	61.7967	0.95	1	1	6.996243
SU7_str	BOBJ1	118.2167	After	Left Exterior Girder	61.7967	0.95	1	1	6.572865
SU7_str	BOBJ1	118.2167	After	Interior Girder 1	61.9198	0.95	1	1	4.576076
SU7_str	BOBJ1	118.2167	After	Interior Girder 2	61.9198	0.95	1	1	4.275699
SU7_str	BOBJ1	118.2167	After	Interior Girder 3	61.9198	0.95	1	1	3.543722
SU7_str	BOBJ1	118.2167	After	Interior Girder 4	61.9198	0.95	1	1	3.543722
SU7_str	BOBJ1	118.2167	After	Interior Girder 5	61.9198	0.95	1	1	4.275699
SU7_str	BOBJ1	118.2167	After	Interior Girder 6	61.9198	0.95	1	1	4.576076
SU7_str	BOBJ1	118.2167	After	Right Exterior Girder	61.7967	0.95	1	1	6.572865
SU7_str	BOBJ1	123.84	Before	Left Exterior Girder	67.42	0.95	1	1	6.474334
SU7_str	BOBJ1	123.84	Before	Interior Girder 1	67.42	0.95	1	1	4.495593
SU7_str	BOBJ1	123.84	Before	Interior Girder 2	67.42	0.95	1	1	4.200991
SU7_str	BOBJ1	123.84	Before	Interior Girder 3	67.42	0.95	1	1	3.480493
SU7_str	BOBJ1	123.84	Before	Interior Girder 4	67.42	0.95	1	1	3.480493
SU7_str	BOBJ1	123.84	Before	Interior Girder 5	67.42	0.95	1	1	4.200991
SU7_str	BOBJ1	123.84	Before	Interior Girder 6	67.42	0.95	1	1	4.495593
SU7_str	BOBJ1	123.84	Before	Right Exterior Girder	67.42	0.95	1	1	6.474334
SU7_str	BOBJ1	123.84	After	Left Exterior Girder	0	0.95	1	1	6.504959
SU7_str	BOBJ1	123.84	After	Interior Girder 1	0	0.95	1	1	4.544756
SU7_str	BOBJ1	123.84	After	Interior Girder 2	0	0.95	1	1	4.248568
SU7_str	BOBJ1	123.84	After	Interior Girder 3	0	0.95	1	1	3.524144
SU7_str	BOBJ1	123.84	After	Interior Girder 4	0	0.95	1	1	3.524144
SU7_str	BOBJ1	123.84	After	Interior Girder 5	0	0.95	1	1	4.248568
SU7_str	BOBJ1	123.84	After	Interior Girder 6	0	0.95	1	1	4.544756
SU7_str	BOBJ1	123.84	After	Right Exterior Girder	0	0.95	1	1	6.504959
SU7_str	BOBJ1	129.34	Before	Interior Girder 1	5.5	0.95	1	1	4.624422
SU7_str	BOBJ1	129.34	Before	Interior Girder 2	5.5	0.95	1	1	4.322461
SU7_str	BOBJ1	129.34	Before	Interior Girder 3	5.5	0.95	1	1	3.586912
SU7_str	BOBJ1	129.34	Before	Interior Girder 4	5.5	0.95	1	1	3.586912
SU7_str	BOBJ1	129.34	Before	Interior Girder 5	5.5	0.95	1	1	4.322461
SU7_str	BOBJ1	129.34	Before	Interior Girder 6	5.5	0.95	1	1	4.624422
SU7_str	BOBJ1	129.34	After	Interior Girder 1	5.5	0.95	1	1	4.395483
SU7_str	BOBJ1	129.34	After	Interior Girder 2	5.5	0.95	1	1	4.539458
SU7_str	BOBJ1	129.34	After	Interior Girder 3	5.5	0.95	1	1	3.82503
SU7_str	BOBJ1	129.34	After	Interior Girder 4	5.5	0.95	1	1	3.82503
SU7_str	BOBJ1	129.34	After	Interior Girder 5	5.5	0.95	1	1	4.539458
SU7_str	BOBJ1	129.34	After	Interior Girder 6	5.5	0.95	1	1	4.395483
SU7_str	BOBJ1	130.79	Before	Left Exterior Girder	6.95	0.95	1	1	6.10855
SU7_str	BOBJ1	130.79	Before	Interior Girder 1	6.95	0.95	1	1	4.414757
SU7_str	BOBJ1	130.79	Before	Interior Girder 2	6.95	0.95	1	1	4.558906
SU7_str	BOBJ1	130.79	Before	Interior Girder 3	6.95	0.95	1	1	3.841769
SU7_str	BOBJ1	130.79	Before	Interior Girder 4	6.95	0.95	1	1	3.841769
SU7_str	BOBJ1	130.79	Before	Interior Girder 5	6.95	0.95	1	1	4.558906
SU7_str	BOBJ1	130.79	Before	Interior Girder 6	6.95	0.95	1	1	4.414757

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Approach, Span 12-1									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
SU7_str	BOBJ1	130.79	Before	Right Exterior Girder	6.95	0.95	1	1	6.10855
SU7_str	BOBJ1	130.79	After	Left Exterior Girder	6.95	0.95	1	1	6.275134
SU7_str	BOBJ1	130.79	After	Interior Girder 1	6.95	0.95	1	1	5.850654
SU7_str	BOBJ1	130.79	After	Interior Girder 2	6.95	0.95	1	1	5.580376
SU7_str	BOBJ1	130.79	After	Interior Girder 3	6.95	0.95	1	1	5.047933
SU7_str	BOBJ1	130.79	After	Interior Girder 4	6.95	0.95	1	1	5.047933
SU7_str	BOBJ1	130.79	After	Interior Girder 5	6.95	0.95	1	1	5.580376
SU7_str	BOBJ1	130.79	After	Interior Girder 6	6.95	0.95	1	1	5.850654
SU7_str	BOBJ1	130.79	After	Right Exterior Girder	6.95	0.95	1	1	6.275134
SU7_str	BOBJ1	132.34	Before	Left Exterior Girder	8.5	0.95	1	1	6.300909
SU7_str	BOBJ1	132.34	Before	Right Exterior Girder	8.5	0.95	1	1	6.300909
SU7_str	BOBJ1	132.34	After	Left Exterior Girder	8.5	0.95	1	1	7.532773
SU7_str	BOBJ1	132.34	After	Right Exterior Girder	8.5	0.95	1	1	7.532773
SU7_str	BOBJ1	137.74	Before	Left Exterior Girder	13.9	0.95	1	1	7.622636
SU7_str	BOBJ1	137.74	Before	Interior Girder 1	13.9	0.95	1	1	6.285997
SU7_str	BOBJ1	137.74	Before	Interior Girder 2	13.9	0.95	1	1	5.694208
SU7_str	BOBJ1	137.74	Before	Interior Girder 3	13.9	0.95	1	1	5.152594
SU7_str	BOBJ1	137.74	Before	Interior Girder 4	13.9	0.95	1	1	5.152594
SU7_str	BOBJ1	137.74	Before	Interior Girder 5	13.9	0.95	1	1	5.694208
SU7_str	BOBJ1	137.74	Before	Interior Girder 6	13.9	0.95	1	1	6.285997
SU7_str	BOBJ1	137.74	Before	Right Exterior Girder	13.9	0.95	1	1	7.622636
SU7_str	BOBJ1	137.74	After	Left Exterior Girder	13.9	0.95	1	1	10.324016
SU7_str	BOBJ1	137.74	After	Interior Girder 1	13.9	0.95	1	1	6.781016
SU7_str	BOBJ1	137.74	After	Interior Girder 2	13.9	0.95	1	1	6.194813
SU7_str	BOBJ1	137.74	After	Interior Girder 3	13.9	0.95	1	1	5.521647
SU7_str	BOBJ1	137.74	After	Interior Girder 4	13.9	0.95	1	1	5.521647
SU7_str	BOBJ1	137.74	After	Interior Girder 5	13.9	0.95	1	1	6.194813
SU7_str	BOBJ1	137.74	After	Interior Girder 6	13.9	0.95	1	1	6.781016
SU7_str	BOBJ1	137.74	After	Right Exterior Girder	13.9	0.95	1	1	10.324016
SU7_str	BOBJ1	143.7733	Before	Left Exterior Girder	19.9333	0.95	1	1	10.456266
SU7_str	BOBJ1	143.7733	Before	Interior Girder 1	19.9333	0.95	1	1	6.898835
SU7_str	BOBJ1	143.7733	Before	Interior Girder 2	19.9333	0.95	1	1	6.302147
SU7_str	BOBJ1	143.7733	Before	Interior Girder 3	19.9333	0.95	1	1	5.617691
SU7_str	BOBJ1	143.7733	Before	Interior Girder 4	19.9333	0.95	1	1	5.617691
SU7_str	BOBJ1	143.7733	Before	Interior Girder 5	19.9333	0.95	1	1	6.302147
SU7_str	BOBJ1	143.7733	Before	Interior Girder 6	19.9333	0.95	1	1	6.898835
SU7_str	BOBJ1	143.7733	Before	Right Exterior Girder	19.9333	0.95	1	1	10.456266
SU7_str	BOBJ1	143.7733	After	Left Exterior Girder	19.9333	0.95	1	1	12.669899
SU7_str	BOBJ1	143.7733	After	Interior Girder 1	19.9333	0.95	1	1	8.831283
SU7_str	BOBJ1	143.7733	After	Interior Girder 2	19.9333	0.95	1	1	7.989681
SU7_str	BOBJ1	143.7733	After	Interior Girder 3	19.9333	0.95	1	1	7.244008
SU7_str	BOBJ1	143.7733	After	Interior Girder 4	19.9333	0.95	1	1	7.244008
SU7_str	BOBJ1	143.7733	After	Interior Girder 5	19.9333	0.95	1	1	7.989681
SU7_str	BOBJ1	143.7733	After	Interior Girder 6	19.9333	0.95	1	1	8.831283
SU7_str	BOBJ1	143.7733	After	Right Exterior Girder	19.9333	0.95	1	1	12.669899
SU7_str	BOBJ1	149.8067	Before	Left Exterior Girder	25.9667	0.95	1	1	12.826181
SU7_str	BOBJ1	149.8067	Before	Interior Girder 1	25.9667	0.95	1	1	8.981369
SU7_str	BOBJ1	149.8067	Before	Interior Girder 2	25.9667	0.95	1	1	8.12499
SU7_str	BOBJ1	149.8067	Before	Interior Girder 3	25.9667	0.95	1	1	7.366959
SU7_str	BOBJ1	149.8067	Before	Interior Girder 4	25.9667	0.95	1	1	7.366959
SU7_str	BOBJ1	149.8067	Before	Interior Girder 5	25.9667	0.95	1	1	8.12499
SU7_str	BOBJ1	149.8067	Before	Interior Girder 6	25.9667	0.95	1	1	8.981369
SU7_str	BOBJ1	149.8067	Before	Right Exterior Girder	25.9667	0.95	1	1	12.826181
SU7_str	BOBJ1	149.8067	After	Left Exterior Girder	25.9667	0.95	1	1	16.387183
SU7_str	BOBJ1	149.8067	After	Interior Girder 1	25.9667	0.95	1	1	11.735983
SU7_str	BOBJ1	149.8067	After	Interior Girder 2	25.9667	0.95	1	1	10.521187
SU7_str	BOBJ1	149.8067	After	Interior Girder 3	25.9667	0.95	1	1	9.577017
SU7_str	BOBJ1	149.8067	After	Interior Girder 4	25.9667	0.95	1	1	9.577017
SU7_str	BOBJ1	149.8067	After	Interior Girder 5	25.9667	0.95	1	1	10.521187
SU7_str	BOBJ1	149.8067	After	Interior Girder 6	25.9667	0.95	1	1	11.735983
SU7_str	BOBJ1	149.8067	After	Right Exterior Girder	25.9667	0.95	1	1	16.387183
SU7_str	BOBJ1	155.84	Before	Left Exterior Girder	32	0.95	1	1	16.582209
SU7_str	BOBJ1	155.84	Before	Interior Girder 1	32	0.95	1	1	11.931031
SU7_str	BOBJ1	155.84	Before	Interior Girder 2	32	0.95	1	1	10.695367
SU7_str	BOBJ1	155.84	Before	Interior Girder 3	32	0.95	1	1	9.629886

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Approach, Span 12-1									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
SU7_str	BOBJ1	155.84	Before	Interior Girder 4	32	0.95	1	1	9.629886
SU7_str	BOBJ1	155.84	Before	Interior Girder 5	32	0.95	1	1	10.695367
SU7_str	BOBJ1	155.84	Before	Interior Girder 6	32	0.95	1	1	11.931031
SU7_str	BOBJ1	155.84	Before	Right Exterior Girder	32	0.95	1	1	16.582209
SU7_str	BOBJ1	155.84	After	Left Exterior Girder	32	0.95	1	1	20.600596
SU7_str	BOBJ1	155.84	After	Interior Girder 1	32	0.95	1	1	11.793248
SU7_str	BOBJ1	155.84	After	Interior Girder 2	32	0.95	1	1	10.25828
SU7_str	BOBJ1	155.84	After	Interior Girder 3	32	0.95	1	1	8.666266
SU7_str	BOBJ1	155.84	After	Interior Girder 4	32	0.95	1	1	8.666266
SU7_str	BOBJ1	155.84	After	Interior Girder 5	32	0.95	1	1	10.25828
SU7_str	BOBJ1	155.84	After	Interior Girder 6	32	0.95	1	1	11.793248
SU7_str	BOBJ1	155.84	After	Right Exterior Girder	32	0.95	1	1	20.600596
SU7_str	BOBJ1	161.8733	Before	Left Exterior Girder	38.0333	0.95	1	1	20.363593
SU7_str	BOBJ1	161.8733	Before	Interior Girder 1	38.0333	0.95	1	1	11.983599
SU7_str	BOBJ1	161.8733	Before	Interior Girder 2	38.0333	0.95	1	1	10.424433
SU7_str	BOBJ1	161.8733	Before	Interior Girder 3	38.0333	0.95	1	1	8.806558
SU7_str	BOBJ1	161.8733	Before	Interior Girder 4	38.0333	0.95	1	1	8.806558
SU7_str	BOBJ1	161.8733	Before	Interior Girder 5	38.0333	0.95	1	1	10.424433
SU7_str	BOBJ1	161.8733	Before	Interior Girder 6	38.0333	0.95	1	1	11.983599
SU7_str	BOBJ1	161.8733	Before	Right Exterior Girder	38.0333	0.95	1	1	20.363593
SU7_str	BOBJ1	161.8733	After	Left Exterior Girder	38.0333	0.95	1	1	15.273613
SU7_str	BOBJ1	161.8733	After	Interior Girder 1	38.0333	0.95	1	1	9.938732
SU7_str	BOBJ1	161.8733	After	Interior Girder 2	38.0333	0.95	1	1	9.097566
SU7_str	BOBJ1	161.8733	After	Interior Girder 3	38.0333	0.95	1	1	8.084089
SU7_str	BOBJ1	161.8733	After	Interior Girder 4	38.0333	0.95	1	1	8.084089
SU7_str	BOBJ1	161.8733	After	Interior Girder 5	38.0333	0.95	1	1	9.097566
SU7_str	BOBJ1	161.8733	After	Interior Girder 6	38.0333	0.95	1	1	9.938732
SU7_str	BOBJ1	161.8733	After	Right Exterior Girder	38.0333	0.95	1	1	15.273613
SU7_str	BOBJ1	167.9067	Before	Left Exterior Girder	44.0667	0.95	1	1	15.091731
SU7_str	BOBJ1	167.9067	Before	Interior Girder 1	44.0667	0.95	1	1	9.775242
SU7_str	BOBJ1	167.9067	Before	Interior Girder 2	44.0667	0.95	1	1	8.948383
SU7_str	BOBJ1	167.9067	Before	Interior Girder 3	44.0667	0.95	1	1	7.951379
SU7_str	BOBJ1	167.9067	Before	Interior Girder 4	44.0667	0.95	1	1	7.951379
SU7_str	BOBJ1	167.9067	Before	Interior Girder 5	44.0667	0.95	1	1	8.948383
SU7_str	BOBJ1	167.9067	Before	Interior Girder 6	44.0667	0.95	1	1	9.775242
SU7_str	BOBJ1	167.9067	Before	Right Exterior Girder	44.0667	0.95	1	1	15.091731
SU7_str	BOBJ1	167.9067	After	Left Exterior Girder	44.0667	0.95	1	1	12.133729
SU7_str	BOBJ1	167.9067	After	Interior Girder 1	44.0667	0.95	1	1	7.547909
SU7_str	BOBJ1	167.9067	After	Interior Girder 2	44.0667	0.95	1	1	6.961189
SU7_str	BOBJ1	167.9067	After	Interior Girder 3	44.0667	0.95	1	1	6.130676
SU7_str	BOBJ1	167.9067	After	Interior Girder 4	44.0667	0.95	1	1	6.130676
SU7_str	BOBJ1	167.9067	After	Interior Girder 5	44.0667	0.95	1	1	6.961189
SU7_str	BOBJ1	167.9067	After	Interior Girder 6	44.0667	0.95	1	1	7.547909
SU7_str	BOBJ1	167.9067	After	Right Exterior Girder	44.0667	0.95	1	1	12.133729
SU7_str	BOBJ1	173.94	Before	Left Exterior Girder	50.1	0.95	1	1	11.983908
SU7_str	BOBJ1	173.94	Before	Interior Girder 1	50.1	0.95	1	1	7.421032
SU7_str	BOBJ1	173.94	Before	Interior Girder 2	50.1	0.95	1	1	6.844466
SU7_str	BOBJ1	173.94	Before	Interior Girder 3	50.1	0.95	1	1	6.027642
SU7_str	BOBJ1	173.94	Before	Interior Girder 4	50.1	0.95	1	1	6.027642
SU7_str	BOBJ1	173.94	Before	Interior Girder 5	50.1	0.95	1	1	6.844466
SU7_str	BOBJ1	173.94	Before	Interior Girder 6	50.1	0.95	1	1	7.421032
SU7_str	BOBJ1	173.94	Before	Right Exterior Girder	50.1	0.95	1	1	11.983908
SU7_str	BOBJ1	173.94	After	Left Exterior Girder	50.1	0.95	1	1	8.41759
SU7_str	BOBJ1	173.94	After	Interior Girder 1	50.1	0.95	1	1	7.162094
SU7_str	BOBJ1	173.94	After	Interior Girder 2	50.1	0.95	1	1	6.487537
SU7_str	BOBJ1	173.94	After	Interior Girder 3	50.1	0.95	1	1	5.935875
SU7_str	BOBJ1	173.94	After	Interior Girder 4	50.1	0.95	1	1	5.935875
SU7_str	BOBJ1	173.94	After	Interior Girder 5	50.1	0.95	1	1	6.487537
SU7_str	BOBJ1	173.94	After	Interior Girder 6	50.1	0.95	1	1	7.162094
SU7_str	BOBJ1	173.94	After	Right Exterior Girder	50.1	0.95	1	1	8.41759
SU7_str	BOBJ1	179.98	Before	Left Exterior Girder	56.14	0.95	1	1	8.309522
SU7_str	BOBJ1	179.98	Before	Interior Girder 1	56.14	0.95	1	1	7.038586
SU7_str	BOBJ1	179.98	Before	Interior Girder 2	56.14	0.95	1	1	6.3765
SU7_str	BOBJ1	179.98	Before	Interior Girder 3	56.14	0.95	1	1	5.833119
SU7_str	BOBJ1	179.98	Before	Interior Girder 4	56.14	0.95	1	1	5.833119

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Approach, Span 12-1									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
SU7_str	BOBJ1	179.98	Before	Interior Girder 5	56.14	0.95	1	1	6.3765
SU7_str	BOBJ1	179.98	Before	Interior Girder 6	56.14	0.95	1	1	7.038586
SU7_str	BOBJ1	179.98	Before	Right Exterior Girder	56.14	0.95	1	1	8.309522
SU7_str	BOBJ1	179.98	After	Left Exterior Girder	56.14	0.95	1	1	7.170557
SU7_str	BOBJ1	179.98	After	Interior Girder 1	56.14	0.95	1	1	5.735736
SU7_str	BOBJ1	179.98	After	Interior Girder 2	56.14	0.95	1	1	5.20059
SU7_str	BOBJ1	179.98	After	Interior Girder 3	56.14	0.95	1	1	4.642747
SU7_str	BOBJ1	179.98	After	Interior Girder 4	56.14	0.95	1	1	4.642747
SU7_str	BOBJ1	179.98	After	Interior Girder 5	56.14	0.95	1	1	5.20059
SU7_str	BOBJ1	179.98	After	Interior Girder 6	56.14	0.95	1	1	5.735736
SU7_str	BOBJ1	179.98	After	Right Exterior Girder	56.14	0.95	1	1	7.170557
SU7_str	BOBJ1	183.56	Before	Left Exterior Girder	59.72	0.95	1	1	7.113913
SU7_str	BOBJ1	183.56	Before	Right Exterior Girder	59.72	0.95	1	1	7.113913
SU7_str	BOBJ1	183.56	After	Left Exterior Girder	59.72	0.95	1	1	6.789976
SU7_str	BOBJ1	183.56	After	Right Exterior Girder	59.72	0.95	1	1	6.789976
SU7_str	BOBJ1	186.02	Before	Left Exterior Girder	62.18	0.95	1	1	6.745674
SU7_str	BOBJ1	186.02	Before	Interior Girder 1	62.22	0.95	1	1	5.80072
SU7_str	BOBJ1	186.02	Before	Interior Girder 2	62.22	0.95	1	1	5.109568
SU7_str	BOBJ1	186.02	Before	Interior Girder 3	62.22	0.95	1	1	4.560278
SU7_str	BOBJ1	186.02	Before	Interior Girder 4	62.22	0.95	1	1	4.560278
SU7_str	BOBJ1	186.02	Before	Interior Girder 5	62.22	0.95	1	1	5.109568
SU7_str	BOBJ1	186.02	Before	Interior Girder 6	62.22	0.95	1	1	5.80072
SU7_str	BOBJ1	186.02	Before	Right Exterior Girder	62.18	0.95	1	1	6.745674
SU7_str	BOBJ1	186.02	After	Left Exterior Girder	62.18	0.95	1	1	6.448588
SU7_str	BOBJ1	186.02	After	Interior Girder 1	62.22	0.95	1	1	4.53009
SU7_str	BOBJ1	186.02	After	Interior Girder 2	62.22	0.95	1	1	4.218597
SU7_str	BOBJ1	186.02	After	Interior Girder 3	62.22	0.95	1	1	3.516347
SU7_str	BOBJ1	186.02	After	Interior Girder 4	62.22	0.95	1	1	3.516347
SU7_str	BOBJ1	186.02	After	Interior Girder 5	62.22	0.95	1	1	4.218597
SU7_str	BOBJ1	186.02	After	Interior Girder 6	62.22	0.95	1	1	4.53009
SU7_str	BOBJ1	186.02	After	Right Exterior Girder	62.18	0.95	1	1	6.448588
SU7_str	BOBJ1	192.06	Before	Left Exterior Girder	68.22	0.95	1	1	6.342806
SU7_str	BOBJ1	192.06	Before	Interior Girder 1	68.22	0.95	1	1	4.443729
SU7_str	BOBJ1	192.06	Before	Interior Girder 2	68.22	0.95	1	1	4.138695
SU7_str	BOBJ1	192.06	Before	Interior Girder 3	68.22	0.95	1	1	3.448352
SU7_str	BOBJ1	192.06	Before	Interior Girder 4	68.22	0.95	1	1	3.448352
SU7_str	BOBJ1	192.06	Before	Interior Girder 5	68.22	0.95	1	1	4.138695
SU7_str	BOBJ1	192.06	Before	Interior Girder 6	68.22	0.95	1	1	4.443729
SU7_str	BOBJ1	192.06	Before	Right Exterior Girder	68.22	0.95	1	1	6.342806
SU7_str	BOBJ1	192.06	After	Left Exterior Girder	0	0.95	1	1	6.346142
SU7_str	BOBJ1	192.06	After	Interior Girder 1	0	0.95	1	1	4.551906
SU7_str	BOBJ1	192.06	After	Interior Girder 2	0	0.95	1	1	4.239687
SU7_str	BOBJ1	192.06	After	Interior Girder 3	0	0.95	1	1	3.41735
SU7_str	BOBJ1	192.06	After	Interior Girder 4	0	0.95	1	1	3.41735
SU7_str	BOBJ1	192.06	After	Interior Girder 5	0	0.95	1	1	4.239687
SU7_str	BOBJ1	192.06	After	Interior Girder 6	0	0.95	1	1	4.551906
SU7_str	BOBJ1	192.06	After	Right Exterior Girder	0	0.95	1	1	6.346142
SU7_str	BOBJ1	197.087	Before	Interior Girder 1	5.027	0.95	1	1	4.626076
SU7_str	BOBJ1	197.087	Before	Interior Girder 2	5.027	0.95	1	1	4.307999
SU7_str	BOBJ1	197.087	Before	Interior Girder 3	5.027	0.95	1	1	3.474366
SU7_str	BOBJ1	197.087	Before	Interior Girder 4	5.027	0.95	1	1	3.474366
SU7_str	BOBJ1	197.087	Before	Interior Girder 5	5.027	0.95	1	1	4.307999
SU7_str	BOBJ1	197.087	Before	Interior Girder 6	5.027	0.95	1	1	4.626076
SU7_str	BOBJ1	197.087	After	Interior Girder 1	5.027	0.95	1	1	4.415895
SU7_str	BOBJ1	197.087	After	Interior Girder 2	5.027	0.95	1	1	4.828367
SU7_str	BOBJ1	197.087	After	Interior Girder 3	5.027	0.95	1	1	4.02546
SU7_str	BOBJ1	197.087	After	Interior Girder 4	5.027	0.95	1	1	4.02546
SU7_str	BOBJ1	197.087	After	Interior Girder 5	5.027	0.95	1	1	4.828367
SU7_str	BOBJ1	197.087	After	Interior Girder 6	5.027	0.95	1	1	4.415895
SU7_str	BOBJ1	197.91	Before	Left Exterior Girder	5.85	0.95	1	1	6.706698
SU7_str	BOBJ1	197.91	Before	Interior Girder 1	5.85	0.95	1	1	4.427057
SU7_str	BOBJ1	197.91	Before	Interior Girder 2	5.85	0.95	1	1	4.840186
SU7_str	BOBJ1	197.91	Before	Interior Girder 3	5.85	0.95	1	1	4.03563
SU7_str	BOBJ1	197.91	Before	Interior Girder 4	5.85	0.95	1	1	4.03563
SU7_str	BOBJ1	197.91	Before	Interior Girder 5	5.85	0.95	1	1	4.840186

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Approach, Span 12-1									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
SU7_str	BOBJ1	197.91	Before	Interior Girder 6	5.85	0.95	1	1	4.427057
SU7_str	BOBJ1	197.91	Before	Right Exterior Girder	5.85	0.95	1	1	6.706698
SU7_str	BOBJ1	197.91	After	Left Exterior Girder	5.85	0.95	1	1	6.600728
SU7_str	BOBJ1	197.91	After	Interior Girder 1	5.85	0.95	1	1	4.558885
SU7_str	BOBJ1	197.91	After	Interior Girder 2	5.85	0.95	1	1	4.800705
SU7_str	BOBJ1	197.91	After	Interior Girder 3	5.85	0.95	1	1	4.171058
SU7_str	BOBJ1	197.91	After	Interior Girder 4	5.85	0.95	1	1	4.171058
SU7_str	BOBJ1	197.91	After	Interior Girder 5	5.85	0.95	1	1	4.800705
SU7_str	BOBJ1	197.91	After	Interior Girder 6	5.85	0.95	1	1	4.558885
SU7_str	BOBJ1	197.91	After	Right Exterior Girder	5.85	0.95	1	1	6.600728
SU7_str	BOBJ1	199.1816	Before	Left Exterior Girder	7.1216	0.95	1	1	6.623723
SU7_str	BOBJ1	199.1816	Before	Right Exterior Girder	7.1216	0.95	1	1	6.623723
SU7_str	BOBJ1	199.1816	After	Left Exterior Girder	7.1216	0.95	1	1	7.625695
SU7_str	BOBJ1	199.1816	After	Right Exterior Girder	7.1216	0.95	1	1	7.625695
SU7_str	BOBJ1	203.5267	Before	Left Exterior Girder	11.3107	0.95	1	1	7.70422
SU7_str	BOBJ1	203.5267	Before	Interior Girder 1	11.3107	0.95	1	1	5.31691
SU7_str	BOBJ1	203.5267	Before	Interior Girder 2	11.3107	0.95	1	1	4.881135
SU7_str	BOBJ1	203.5267	Before	Interior Girder 3	11.3107	0.95	1	1	4.241764
SU7_str	BOBJ1	203.5267	Before	Interior Girder 4	11.3107	0.95	1	1	4.241764
SU7_str	BOBJ1	203.5267	Before	Interior Girder 5	11.3107	0.95	1	1	4.881135
SU7_str	BOBJ1	203.5267	Before	Interior Girder 6	11.3107	0.95	1	1	5.31691
SU7_str	BOBJ1	203.5267	Before	Right Exterior Girder	11.3107	0.95	1	1	7.70422
SU7_str	BOBJ1	203.5267	After	Left Exterior Girder	11.3107	0.95	1	1	10.540695
SU7_str	BOBJ1	203.5267	After	Interior Girder 1	11.3107	0.95	1	1	7.71468
SU7_str	BOBJ1	203.5267	After	Interior Girder 2	11.3107	0.95	1	1	6.975724
SU7_str	BOBJ1	203.5267	After	Interior Girder 3	11.3107	0.95	1	1	6.29179
SU7_str	BOBJ1	203.5267	After	Interior Girder 4	11.3107	0.95	1	1	6.29179
SU7_str	BOBJ1	203.5267	After	Interior Girder 5	11.3107	0.95	1	1	6.975724
SU7_str	BOBJ1	203.5267	After	Interior Girder 6	11.3107	0.95	1	1	7.71468
SU7_str	BOBJ1	203.5267	After	Right Exterior Girder	11.3107	0.95	1	1	10.540695
SU7_str	BOBJ1	209.1433	Before	Left Exterior Girder	17.0833	0.95	1	1	10.663758
SU7_str	BOBJ1	209.1433	Before	Interior Girder 1	17.0833	0.95	1	1	7.83294
SU7_str	BOBJ1	209.1433	Before	Interior Girder 2	17.0833	0.95	1	1	7.082037
SU7_str	BOBJ1	209.1433	Before	Interior Girder 3	17.0833	0.95	1	1	6.388369
SU7_str	BOBJ1	209.1433	Before	Interior Girder 4	17.0833	0.95	1	1	6.388369
SU7_str	BOBJ1	209.1433	Before	Interior Girder 5	17.0833	0.95	1	1	7.082037
SU7_str	BOBJ1	209.1433	Before	Interior Girder 6	17.0833	0.95	1	1	7.83294
SU7_str	BOBJ1	209.1433	Before	Right Exterior Girder	17.0833	0.95	1	1	10.663758
SU7_str	BOBJ1	209.1433	After	Left Exterior Girder	17.0833	0.95	1	1	12.947519
SU7_str	BOBJ1	209.1433	After	Interior Girder 1	17.0833	0.95	1	1	9.687472
SU7_str	BOBJ1	209.1433	After	Interior Girder 2	17.0833	0.95	1	1	8.737339
SU7_str	BOBJ1	209.1433	After	Interior Girder 3	17.0833	0.95	1	1	7.905112
SU7_str	BOBJ1	209.1433	After	Interior Girder 4	17.0833	0.95	1	1	7.905112
SU7_str	BOBJ1	209.1433	After	Interior Girder 5	17.0833	0.95	1	1	8.737339
SU7_str	BOBJ1	209.1433	After	Interior Girder 6	17.0833	0.95	1	1	9.687472
SU7_str	BOBJ1	209.1433	After	Right Exterior Girder	17.0833	0.95	1	1	12.947519
SU7_str	BOBJ1	214.76	Before	Left Exterior Girder	22.7	0.95	1	1	13.093922
SU7_str	BOBJ1	214.76	Before	Interior Girder 1	22.7	0.95	1	1	9.833127
SU7_str	BOBJ1	214.76	Before	Interior Girder 2	22.7	0.95	1	1	8.867906
SU7_str	BOBJ1	214.76	Before	Interior Girder 3	22.7	0.95	1	1	8.023899
SU7_str	BOBJ1	214.76	Before	Interior Girder 4	22.7	0.95	1	1	8.023899
SU7_str	BOBJ1	214.76	Before	Interior Girder 5	22.7	0.95	1	1	8.867906
SU7_str	BOBJ1	214.76	Before	Interior Girder 6	22.7	0.95	1	1	9.833127
SU7_str	BOBJ1	214.76	Before	Right Exterior Girder	22.7	0.95	1	1	13.093922
SU7_str	BOBJ1	214.76	After	Left Exterior Girder	22.7	0.95	1	1	20.031781
SU7_str	BOBJ1	214.76	After	Interior Girder 1	22.7	0.95	1	1	10.288801
SU7_str	BOBJ1	214.76	After	Interior Girder 2	22.7	0.95	1	1	9.242692
SU7_str	BOBJ1	214.76	After	Interior Girder 3	22.7	0.95	1	1	7.829854
SU7_str	BOBJ1	214.76	After	Interior Girder 4	22.7	0.95	1	1	7.829854
SU7_str	BOBJ1	214.76	After	Interior Girder 5	22.7	0.95	1	1	9.242692
SU7_str	BOBJ1	214.76	After	Interior Girder 6	22.7	0.95	1	1	10.288801
SU7_str	BOBJ1	214.76	After	Right Exterior Girder	22.7	0.95	1	1	20.031781
SU7_str	BOBJ1	220.3767	Before	Left Exterior Girder	28.3167	0.95	1	1	20.251847
SU7_str	BOBJ1	220.3767	Before	Interior Girder 1	28.3167	0.95	1	1	10.439926
SU7_str	BOBJ1	220.3767	Before	Interior Girder 2	28.3167	0.95	1	1	9.37833

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Approach, Span 12-1									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
SU7_str	BOBJ1	220.3767	Before	Interior Girder 3	28.3167	0.95	1	1	7.94485
SU7_str	BOBJ1	220.3767	Before	Interior Girder 4	28.3167	0.95	1	1	7.94485
SU7_str	BOBJ1	220.3767	Before	Interior Girder 5	28.3167	0.95	1	1	9.37833
SU7_str	BOBJ1	220.3767	Before	Interior Girder 6	28.3167	0.95	1	1	10.439926
SU7_str	BOBJ1	220.3767	Before	Right Exterior Girder	28.3167	0.95	1	1	20.251847
SU7_str	BOBJ1	220.3767	After	Left Exterior Girder	28.3167	0.95	1	1	27.810214
SU7_str	BOBJ1	220.3767	After	Interior Girder 1	28.3167	0.95	1	1	14.279169
SU7_str	BOBJ1	220.3767	After	Interior Girder 2	28.3167	0.95	1	1	12.6278
SU7_str	BOBJ1	220.3767	After	Interior Girder 3	28.3167	0.95	1	1	10.582883
SU7_str	BOBJ1	220.3767	After	Interior Girder 4	28.3167	0.95	1	1	10.582883
SU7_str	BOBJ1	220.3767	After	Interior Girder 5	28.3167	0.95	1	1	12.6278
SU7_str	BOBJ1	220.3767	After	Interior Girder 6	28.3167	0.95	1	1	14.279169
SU7_str	BOBJ1	220.3767	After	Right Exterior Girder	28.3167	0.95	1	1	27.810214
SU7_str	BOBJ1	225.9933	Before	Left Exterior Girder	33.9333	0.95	1	1	28.106748
SU7_str	BOBJ1	225.9933	Before	Interior Girder 1	33.9333	0.95	1	1	14.484971
SU7_str	BOBJ1	225.9933	Before	Interior Girder 2	33.9333	0.95	1	1	12.809582
SU7_str	BOBJ1	225.9933	Before	Interior Girder 3	33.9333	0.95	1	1	10.735236
SU7_str	BOBJ1	225.9933	Before	Interior Girder 4	33.9333	0.95	1	1	10.735236
SU7_str	BOBJ1	225.9933	Before	Interior Girder 5	33.9333	0.95	1	1	12.809582
SU7_str	BOBJ1	225.9933	Before	Interior Girder 6	33.9333	0.95	1	1	14.484971
SU7_str	BOBJ1	225.9933	Before	Right Exterior Girder	33.9333	0.95	1	1	28.106748
SU7_str	BOBJ1	225.9933	After	Left Exterior Girder	33.9333	0.95	1	1	24.39567
SU7_str	BOBJ1	225.9933	After	Interior Girder 1	33.9333	0.95	1	1	12.009909
SU7_str	BOBJ1	225.9933	After	Interior Girder 2	33.9333	0.95	1	1	10.748367
SU7_str	BOBJ1	225.9933	After	Interior Girder 3	33.9333	0.95	1	1	9.154466
SU7_str	BOBJ1	225.9933	After	Interior Girder 4	33.9333	0.95	1	1	9.154466
SU7_str	BOBJ1	225.9933	After	Interior Girder 5	33.9333	0.95	1	1	10.748367
SU7_str	BOBJ1	225.9933	After	Interior Girder 6	33.9333	0.95	1	1	12.009909
SU7_str	BOBJ1	225.9933	After	Right Exterior Girder	33.9333	0.95	1	1	24.39567
SU7_str	BOBJ1	231.61	Before	Left Exterior Girder	39.55	0.95	1	1	24.141378
SU7_str	BOBJ1	231.61	Before	Interior Girder 1	39.55	0.95	1	1	11.840812
SU7_str	BOBJ1	231.61	Before	Interior Girder 2	39.55	0.95	1	1	10.596829
SU7_str	BOBJ1	231.61	Before	Interior Girder 3	39.55	0.95	1	1	9.025339
SU7_str	BOBJ1	231.61	Before	Interior Girder 4	39.55	0.95	1	1	9.025339
SU7_str	BOBJ1	231.61	Before	Interior Girder 5	39.55	0.95	1	1	10.596829
SU7_str	BOBJ1	231.61	Before	Interior Girder 6	39.55	0.95	1	1	11.840812
SU7_str	BOBJ1	231.61	Before	Right Exterior Girder	39.55	0.95	1	1	24.141378
SU7_str	BOBJ1	231.61	After	Left Exterior Girder	39.55	0.95	1	1	15.105291
SU7_str	BOBJ1	231.61	After	Interior Girder 1	39.55	0.95	1	1	11.330105
SU7_str	BOBJ1	231.61	After	Interior Girder 2	39.55	0.95	1	1	10.10394
SU7_str	BOBJ1	231.61	After	Interior Girder 3	39.55	0.95	1	1	9.371138
SU7_str	BOBJ1	231.61	After	Interior Girder 4	39.55	0.95	1	1	9.371138
SU7_str	BOBJ1	231.61	After	Interior Girder 5	39.55	0.95	1	1	10.10394
SU7_str	BOBJ1	231.61	After	Interior Girder 6	39.55	0.95	1	1	11.330105
SU7_str	BOBJ1	231.61	After	Right Exterior Girder	39.55	0.95	1	1	15.105291
SU7_str	BOBJ1	237.37	Before	Left Exterior Girder	45.31	0.95	1	1	14.939527
SU7_str	BOBJ1	237.37	Before	Interior Girder 1	45.31	0.95	1	1	11.162495
SU7_str	BOBJ1	237.37	Before	Interior Girder 2	45.31	0.95	1	1	9.95518
SU7_str	BOBJ1	237.37	Before	Interior Girder 3	45.31	0.95	1	1	9.23272
SU7_str	BOBJ1	237.37	Before	Interior Girder 4	45.31	0.95	1	1	9.23272
SU7_str	BOBJ1	237.37	Before	Interior Girder 5	45.31	0.95	1	1	9.95518
SU7_str	BOBJ1	237.37	Before	Interior Girder 6	45.31	0.95	1	1	11.162495
SU7_str	BOBJ1	237.37	Before	Right Exterior Girder	45.31	0.95	1	1	14.939527
SU7_str	BOBJ1	237.37	After	Left Exterior Girder	45.31	0.95	1	1	12.164276
SU7_str	BOBJ1	237.37	After	Interior Girder 1	45.31	0.95	1	1	8.632772
SU7_str	BOBJ1	237.37	After	Interior Girder 2	45.31	0.95	1	1	7.767505
SU7_str	BOBJ1	237.37	After	Interior Girder 3	45.31	0.95	1	1	7.152271
SU7_str	BOBJ1	237.37	After	Interior Girder 4	45.31	0.95	1	1	7.152271
SU7_str	BOBJ1	237.37	After	Interior Girder 5	45.31	0.95	1	1	7.767505
SU7_str	BOBJ1	237.37	After	Interior Girder 6	45.31	0.95	1	1	8.632772
SU7_str	BOBJ1	237.37	After	Right Exterior Girder	45.31	0.95	1	1	12.164276
SU7_str	BOBJ1	243.13	Before	Left Exterior Girder	51.07	0.95	1	1	12.026682
SU7_str	BOBJ1	243.13	Before	Interior Girder 1	51.07	0.95	1	1	8.502501
SU7_str	BOBJ1	243.13	Before	Interior Girder 2	51.07	0.95	1	1	7.65087
SU7_str	BOBJ1	243.13	Before	Interior Girder 3	51.07	0.95	1	1	7.044436

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Approach, Span 12-1									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
SU7_str	BOBJ1	243.13	Before	Interior Girder 4	51.07	0.95	1	1	7.044436
SU7_str	BOBJ1	243.13	Before	Interior Girder 5	51.07	0.95	1	1	7.65087
SU7_str	BOBJ1	243.13	Before	Interior Girder 6	51.07	0.95	1	1	8.502501
SU7_str	BOBJ1	243.13	Before	Right Exterior Girder	51.07	0.95	1	1	12.026682
SU7_str	BOBJ1	243.13	After	Left Exterior Girder	51.07	0.95	1	1	10.286081
SU7_str	BOBJ1	243.13	After	Interior Girder 1	51.07	0.95	1	1	6.479694
SU7_str	BOBJ1	243.13	After	Interior Girder 2	51.07	0.95	1	1	5.970636
SU7_str	BOBJ1	243.13	After	Interior Girder 3	51.07	0.95	1	1	5.256159
SU7_str	BOBJ1	243.13	After	Interior Girder 4	51.07	0.95	1	1	5.256159
SU7_str	BOBJ1	243.13	After	Interior Girder 5	51.07	0.95	1	1	5.970636
SU7_str	BOBJ1	243.13	After	Interior Girder 6	51.07	0.95	1	1	6.479694
SU7_str	BOBJ1	243.13	After	Right Exterior Girder	51.07	0.95	1	1	10.286081
SU7_str	BOBJ1	248.89	Before	Left Exterior Girder	56.83	0.95	1	1	10.165819
SU7_str	BOBJ1	248.89	Before	Interior Girder 1	56.83	0.95	1	1	6.380152
SU7_str	BOBJ1	248.89	Before	Interior Girder 2	56.83	0.95	1	1	5.879126
SU7_str	BOBJ1	248.89	Before	Interior Girder 3	56.83	0.95	1	1	5.175215
SU7_str	BOBJ1	248.89	Before	Interior Girder 4	56.83	0.95	1	1	5.175215
SU7_str	BOBJ1	248.89	Before	Interior Girder 5	56.83	0.95	1	1	5.879126
SU7_str	BOBJ1	248.89	Before	Interior Girder 6	56.83	0.95	1	1	6.380152
SU7_str	BOBJ1	248.89	Before	Right Exterior Girder	56.83	0.95	1	1	10.165819
Type 3_str	BOBJ1	0	After	Left Exterior Girder	0	0.95	1	1	13.883798
Type 3_str	BOBJ1	0	After	Interior Girder 1	0	0.95	1	1	9.253985
Type 3_str	BOBJ1	0	After	Interior Girder 2	0	0.95	1	1	8.543724
Type 3_str	BOBJ1	0	After	Interior Girder 3	0	0.95	1	1	7.362409
Type 3_str	BOBJ1	0	After	Interior Girder 4	0	0.95	1	1	7.362409
Type 3_str	BOBJ1	0	After	Interior Girder 5	0	0.95	1	1	8.543724
Type 3_str	BOBJ1	0	After	Interior Girder 6	0	0.95	1	1	9.253985
Type 3_str	BOBJ1	0	After	Right Exterior Girder	0	0.95	1	1	13.883798
Type 3_str	BOBJ1	5.85	Before	Left Exterior Girder	5.85	0.95	1	1	14.036965
Type 3_str	BOBJ1	5.85	Before	Interior Girder 1	5.85	0.95	1	1	9.39131
Type 3_str	BOBJ1	5.85	Before	Interior Girder 2	5.85	0.95	1	1	8.669705
Type 3_str	BOBJ1	5.85	Before	Interior Girder 3	5.85	0.95	1	1	7.471762
Type 3_str	BOBJ1	5.85	Before	Interior Girder 4	5.85	0.95	1	1	7.471762
Type 3_str	BOBJ1	5.85	Before	Interior Girder 5	5.85	0.95	1	1	8.669705
Type 3_str	BOBJ1	5.85	Before	Interior Girder 6	5.85	0.95	1	1	9.39131
Type 3_str	BOBJ1	5.85	Before	Right Exterior Girder	5.85	0.95	1	1	14.036965
Type 3_str	BOBJ1	5.85	After	Left Exterior Girder	5.85	0.95	1	1	17.91463
Type 3_str	BOBJ1	5.85	After	Interior Girder 1	5.85	0.95	1	1	10.792179
Type 3_str	BOBJ1	5.85	After	Interior Girder 2	5.85	0.95	1	1	10.004737
Type 3_str	BOBJ1	5.85	After	Interior Girder 3	5.85	0.95	1	1	8.738809
Type 3_str	BOBJ1	5.85	After	Interior Girder 4	5.85	0.95	1	1	8.738809
Type 3_str	BOBJ1	5.85	After	Interior Girder 5	5.85	0.95	1	1	10.004737
Type 3_str	BOBJ1	5.85	After	Interior Girder 6	5.85	0.95	1	1	10.792179
Type 3_str	BOBJ1	5.85	After	Right Exterior Girder	5.85	0.95	1	1	17.91463
Type 3_str	BOBJ1	11.4667	Before	Left Exterior Girder	11.4667	0.95	1	1	18.098583
Type 3_str	BOBJ1	11.4667	Before	Interior Girder 1	11.4667	0.95	1	1	10.942694
Type 3_str	BOBJ1	11.4667	Before	Interior Girder 2	11.4667	0.95	1	1	10.143955
Type 3_str	BOBJ1	11.4667	Before	Interior Girder 3	11.4667	0.95	1	1	8.860599
Type 3_str	BOBJ1	11.4667	Before	Interior Girder 4	11.4667	0.95	1	1	8.860599
Type 3_str	BOBJ1	11.4667	Before	Interior Girder 5	11.4667	0.95	1	1	10.143955
Type 3_str	BOBJ1	11.4667	Before	Interior Girder 6	11.4667	0.95	1	1	10.942694
Type 3_str	BOBJ1	11.4667	Before	Right Exterior Girder	11.4667	0.95	1	1	18.098583
Type 3_str	BOBJ1	11.4667	After	Left Exterior Girder	11.4667	0.95	1	1	21.908773
Type 3_str	BOBJ1	11.4667	After	Interior Girder 1	11.4667	0.95	1	1	14.232837
Type 3_str	BOBJ1	11.4667	After	Interior Girder 2	11.4667	0.95	1	1	13.034923
Type 3_str	BOBJ1	11.4667	After	Interior Girder 3	11.4667	0.95	1	1	11.671156
Type 3_str	BOBJ1	11.4667	After	Interior Girder 4	11.4667	0.95	1	1	11.671156
Type 3_str	BOBJ1	11.4667	After	Interior Girder 5	11.4667	0.95	1	1	13.034923
Type 3_str	BOBJ1	11.4667	After	Interior Girder 6	11.4667	0.95	1	1	14.232837
Type 3_str	BOBJ1	11.4667	After	Right Exterior Girder	11.4667	0.95	1	1	21.908773
Type 3_str	BOBJ1	17.0833	Before	Left Exterior Girder	17.0833	0.95	1	1	22.127316
Type 3_str	BOBJ1	17.0833	Before	Interior Girder 1	17.0833	0.95	1	1	14.42778
Type 3_str	BOBJ1	17.0833	Before	Interior Girder 2	17.0833	0.95	1	1	13.212995
Type 3_str	BOBJ1	17.0833	Before	Interior Girder 3	17.0833	0.95	1	1	11.830721
Type 3_str	BOBJ1	17.0833	Before	Interior Girder 4	17.0833	0.95	1	1	11.830721

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Approach, Span 12-1									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Type 3_str	BOBJ1	17.0833	Before	Interior Girder 5	17.0833	0.95	1	1	13.212995
Type 3_str	BOBJ1	17.0833	Before	Interior Girder 6	17.0833	0.95	1	1	14.42778
Type 3_str	BOBJ1	17.0833	Before	Right Exterior Girder	17.0833	0.95	1	1	22.127316
Type 3_str	BOBJ1	17.0833	After	Left Exterior Girder	17.0833	0.95	1	1	28.079295
Type 3_str	BOBJ1	17.0833	After	Interior Girder 1	17.0833	0.95	1	1	18.942697
Type 3_str	BOBJ1	17.0833	After	Interior Girder 2	17.0833	0.95	1	1	17.305918
Type 3_str	BOBJ1	17.0833	After	Interior Girder 3	17.0833	0.95	1	1	14.980088
Type 3_str	BOBJ1	17.0833	After	Interior Girder 4	17.0833	0.95	1	1	14.980088
Type 3_str	BOBJ1	17.0833	After	Interior Girder 5	17.0833	0.95	1	1	17.305918
Type 3_str	BOBJ1	17.0833	After	Interior Girder 6	17.0833	0.95	1	1	18.942697
Type 3_str	BOBJ1	17.0833	After	Right Exterior Girder	17.0833	0.95	1	1	28.079295
Type 3_str	BOBJ1	22.7	Before	Left Exterior Girder	22.7	0.95	1	1	28.351732
Type 3_str	BOBJ1	22.7	Before	Interior Girder 1	22.7	0.95	1	1	19.197465
Type 3_str	BOBJ1	22.7	Before	Interior Girder 2	22.7	0.95	1	1	17.538056
Type 3_str	BOBJ1	22.7	Before	Interior Girder 3	22.7	0.95	1	1	14.784001
Type 3_str	BOBJ1	22.7	Before	Interior Girder 4	22.7	0.95	1	1	14.784001
Type 3_str	BOBJ1	22.7	Before	Interior Girder 5	22.7	0.95	1	1	17.538056
Type 3_str	BOBJ1	22.7	Before	Interior Girder 6	22.7	0.95	1	1	19.197465
Type 3_str	BOBJ1	22.7	Before	Right Exterior Girder	22.7	0.95	1	1	28.351732
Type 3_str	BOBJ1	22.7	After	Left Exterior Girder	22.7	0.95	1	1	34.212721
Type 3_str	BOBJ1	22.7	After	Interior Girder 1	22.7	0.95	1	1	18.793629
Type 3_str	BOBJ1	22.7	After	Interior Girder 2	22.7	0.95	1	1	16.355256
Type 3_str	BOBJ1	22.7	After	Interior Girder 3	22.7	0.95	1	1	13.7609
Type 3_str	BOBJ1	22.7	After	Interior Girder 4	22.7	0.95	1	1	13.7609
Type 3_str	BOBJ1	22.7	After	Interior Girder 5	22.7	0.95	1	1	16.355256
Type 3_str	BOBJ1	22.7	After	Interior Girder 6	22.7	0.95	1	1	18.793629
Type 3_str	BOBJ1	22.7	After	Right Exterior Girder	22.7	0.95	1	1	34.212721
Type 3_str	BOBJ1	28.3167	Before	Left Exterior Girder	28.3167	0.95	1	1	33.878725
Type 3_str	BOBJ1	28.3167	Before	Interior Girder 1	28.3167	0.95	1	1	19.040327
Type 3_str	BOBJ1	28.3167	Before	Interior Girder 2	28.3167	0.95	1	1	16.570744
Type 3_str	BOBJ1	28.3167	Before	Interior Girder 3	28.3167	0.95	1	1	13.942089
Type 3_str	BOBJ1	28.3167	Before	Interior Girder 4	28.3167	0.95	1	1	13.942089
Type 3_str	BOBJ1	28.3167	Before	Interior Girder 5	28.3167	0.95	1	1	16.570744
Type 3_str	BOBJ1	28.3167	Before	Interior Girder 6	28.3167	0.95	1	1	19.040327
Type 3_str	BOBJ1	28.3167	Before	Right Exterior Girder	28.3167	0.95	1	1	33.878725
Type 3_str	BOBJ1	28.3167	After	Left Exterior Girder	28.3167	0.95	1	1	24.606863
Type 3_str	BOBJ1	28.3167	After	Interior Girder 1	28.3167	0.95	1	1	14.813767
Type 3_str	BOBJ1	28.3167	After	Interior Girder 2	28.3167	0.95	1	1	13.499556
Type 3_str	BOBJ1	28.3167	After	Interior Girder 3	28.3167	0.95	1	1	11.526693
Type 3_str	BOBJ1	28.3167	After	Interior Girder 4	28.3167	0.95	1	1	11.526693
Type 3_str	BOBJ1	28.3167	After	Interior Girder 5	28.3167	0.95	1	1	13.499556
Type 3_str	BOBJ1	28.3167	After	Interior Girder 6	28.3167	0.95	1	1	14.813767
Type 3_str	BOBJ1	28.3167	After	Right Exterior Girder	28.3167	0.95	1	1	24.606863
Type 3_str	BOBJ1	33.9333	Before	Left Exterior Girder	33.9333	0.95	1	1	24.359818
Type 3_str	BOBJ1	33.9333	Before	Interior Girder 1	33.9333	0.95	1	1	14.611945
Type 3_str	BOBJ1	33.9333	Before	Interior Girder 2	33.9333	0.95	1	1	13.316303
Type 3_str	BOBJ1	33.9333	Before	Interior Girder 3	33.9333	0.95	1	1	11.37005
Type 3_str	BOBJ1	33.9333	Before	Interior Girder 4	33.9333	0.95	1	1	11.37005
Type 3_str	BOBJ1	33.9333	Before	Interior Girder 5	33.9333	0.95	1	1	13.316303
Type 3_str	BOBJ1	33.9333	Before	Interior Girder 6	33.9333	0.95	1	1	14.611945
Type 3_str	BOBJ1	33.9333	Before	Right Exterior Girder	33.9333	0.95	1	1	24.359818
Type 3_str	BOBJ1	33.9333	After	Left Exterior Girder	33.9333	0.95	1	1	19.626902
Type 3_str	BOBJ1	33.9333	After	Interior Girder 1	33.9333	0.95	1	1	11.342531
Type 3_str	BOBJ1	33.9333	After	Interior Girder 2	33.9333	0.95	1	1	10.357633
Type 3_str	BOBJ1	33.9333	After	Interior Girder 3	33.9333	0.95	1	1	8.864208
Type 3_str	BOBJ1	33.9333	After	Interior Girder 4	33.9333	0.95	1	1	8.864208
Type 3_str	BOBJ1	33.9333	After	Interior Girder 5	33.9333	0.95	1	1	10.357633
Type 3_str	BOBJ1	33.9333	After	Interior Girder 6	33.9333	0.95	1	1	11.342531
Type 3_str	BOBJ1	33.9333	After	Right Exterior Girder	33.9333	0.95	1	1	19.626902
Type 3_str	BOBJ1	39.55	Before	Left Exterior Girder	39.55	0.95	1	1	19.42399
Type 3_str	BOBJ1	39.55	Before	Interior Girder 1	39.55	0.95	1	1	11.185235
Type 3_str	BOBJ1	39.55	Before	Interior Girder 2	39.55	0.95	1	1	10.21445
Type 3_str	BOBJ1	39.55	Before	Interior Girder 3	39.55	0.95	1	1	8.741405
Type 3_str	BOBJ1	39.55	Before	Interior Girder 4	39.55	0.95	1	1	8.741405
Type 3_str	BOBJ1	39.55	Before	Interior Girder 5	39.55	0.95	1	1	10.21445

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Approach, Span 12-1									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Type 3_str	BOBJ1	39.55	Before	Interior Girder 6	39.55	0.95	1	1	11.185235
Type 3_str	BOBJ1	39.55	Before	Right Exterior Girder	39.55	0.95	1	1	19.42399
Type 3_str	BOBJ1	39.55	After	Left Exterior Girder	39.55	0.95	1	1	14.461163
Type 3_str	BOBJ1	39.55	After	Interior Girder 1	39.55	0.95	1	1	10.856058
Type 3_str	BOBJ1	39.55	After	Interior Girder 2	39.55	0.95	1	1	9.914381
Type 3_str	BOBJ1	39.55	After	Interior Girder 3	39.55	0.95	1	1	8.816653
Type 3_str	BOBJ1	39.55	After	Interior Girder 4	39.55	0.95	1	1	8.816653
Type 3_str	BOBJ1	39.55	After	Interior Girder 5	39.55	0.95	1	1	9.914381
Type 3_str	BOBJ1	39.55	After	Interior Girder 6	39.55	0.95	1	1	10.856058
Type 3_str	BOBJ1	39.55	After	Right Exterior Girder	39.55	0.95	1	1	14.461163
Type 3_str	BOBJ1	45.1733	Before	Left Exterior Girder	45.1226	0.95	1	1	14.306889
Type 3_str	BOBJ1	45.1733	Before	Interior Girder 1	45.1226	0.95	1	1	10.702274
Type 3_str	BOBJ1	45.1733	Before	Interior Girder 2	45.1226	0.95	1	1	9.774984
Type 3_str	BOBJ1	45.1733	Before	Interior Girder 3	45.1226	0.95	1	1	8.691451
Type 3_str	BOBJ1	45.1733	Before	Interior Girder 4	45.1226	0.95	1	1	8.691451
Type 3_str	BOBJ1	45.1733	Before	Interior Girder 5	45.1226	0.95	1	1	9.774984
Type 3_str	BOBJ1	45.1733	Before	Interior Girder 6	45.1226	0.95	1	1	10.702274
Type 3_str	BOBJ1	45.1733	Before	Right Exterior Girder	45.1226	0.95	1	1	14.306889
Type 3_str	BOBJ1	45.1733	After	Left Exterior Girder	45.1226	0.95	1	1	10.599687
Type 3_str	BOBJ1	45.1733	After	Interior Girder 1	45.1226	0.95	1	1	7.351869
Type 3_str	BOBJ1	45.1733	After	Interior Girder 2	45.1226	0.95	1	1	6.783404
Type 3_str	BOBJ1	45.1733	After	Interior Girder 3	45.1226	0.95	1	1	5.758606
Type 3_str	BOBJ1	45.1733	After	Interior Girder 4	45.1226	0.95	1	1	5.758606
Type 3_str	BOBJ1	45.1733	After	Interior Girder 5	45.1226	0.95	1	1	6.783404
Type 3_str	BOBJ1	45.1733	After	Interior Girder 6	45.1226	0.95	1	1	7.351869
Type 3_str	BOBJ1	45.1733	After	Right Exterior Girder	45.1226	0.95	1	1	10.599687
Type 3_str	BOBJ1	49.2561	Before	Left Exterior Girder	49.2561	0.95	1	1	10.501647
Type 3_str	BOBJ1	49.2561	Before	Right Exterior Girder	49.2561	0.95	1	1	10.501647
Type 3_str	BOBJ1	49.2561	After	Left Exterior Girder	49.2561	0.95	1	1	9.047126
Type 3_str	BOBJ1	49.2561	After	Right Exterior Girder	49.2561	0.95	1	1	9.047126
Type 3_str	BOBJ1	50.7967	Before	Left Exterior Girder	50.7967	0.95	1	1	9.011496
Type 3_str	BOBJ1	50.7967	Before	Interior Girder 1	50.7967	0.95	1	1	6.015493
Type 3_str	BOBJ1	50.7967	Before	Interior Girder 2	50.7967	0.95	1	1	6.671882
Type 3_str	BOBJ1	50.7967	Before	Interior Girder 3	50.7967	0.95	1	1	5.662484
Type 3_str	BOBJ1	50.7967	Before	Interior Girder 4	50.7967	0.95	1	1	5.662484
Type 3_str	BOBJ1	50.7967	Before	Interior Girder 5	50.7967	0.95	1	1	6.671882
Type 3_str	BOBJ1	50.7967	Before	Interior Girder 6	50.7967	0.95	1	1	6.015493
Type 3_str	BOBJ1	50.7967	Before	Right Exterior Girder	50.7967	0.95	1	1	9.011496
Type 3_str	BOBJ1	50.7967	After	Left Exterior Girder	50.7967	0.95	1	1	9.280366
Type 3_str	BOBJ1	50.7967	After	Interior Girder 1	50.7967	0.95	1	1	5.11656
Type 3_str	BOBJ1	50.7967	After	Interior Girder 2	50.7967	0.95	1	1	5.210654
Type 3_str	BOBJ1	50.7967	After	Interior Girder 3	50.7967	0.95	1	1	4.152525
Type 3_str	BOBJ1	50.7967	After	Interior Girder 4	50.7967	0.95	1	1	4.152525
Type 3_str	BOBJ1	50.7967	After	Interior Girder 5	50.7967	0.95	1	1	5.210654
Type 3_str	BOBJ1	50.7967	After	Interior Girder 6	50.7967	0.95	1	1	5.11656
Type 3_str	BOBJ1	50.7967	After	Right Exterior Girder	50.7967	0.95	1	1	9.280366
Type 3_str	BOBJ1	51.3989	Before	Interior Girder 1	51.3989	0.95	1	1	5.107077
Type 3_str	BOBJ1	51.3989	Before	Interior Girder 2	51.3989	0.95	1	1	5.201306
Type 3_str	BOBJ1	51.3989	Before	Interior Girder 3	51.3989	0.95	1	1	4.144928
Type 3_str	BOBJ1	51.3989	Before	Interior Girder 4	51.3989	0.95	1	1	4.144928
Type 3_str	BOBJ1	51.3989	Before	Interior Girder 5	51.3989	0.95	1	1	5.201306
Type 3_str	BOBJ1	51.3989	Before	Interior Girder 6	51.3989	0.95	1	1	5.107077
Type 3_str	BOBJ1	51.3989	After	Interior Girder 1	51.3989	0.95	1	1	5.93533
Type 3_str	BOBJ1	51.3989	After	Interior Girder 2	51.3989	0.95	1	1	5.502062
Type 3_str	BOBJ1	51.3989	After	Interior Girder 3	51.3989	0.95	1	1	4.456288
Type 3_str	BOBJ1	51.3989	After	Interior Girder 4	51.3989	0.95	1	1	4.456288
Type 3_str	BOBJ1	51.3989	After	Interior Girder 5	51.3989	0.95	1	1	5.502062
Type 3_str	BOBJ1	51.3989	After	Interior Girder 6	51.3989	0.95	1	1	5.93533
Type 3_str	BOBJ1	56.42	Before	Left Exterior Girder	56.42	0.95	1	1	9.65532
Type 3_str	BOBJ1	56.42	Before	Interior Girder 1	56.42	0.95	1	1	5.841101
Type 3_str	BOBJ1	56.42	Before	Interior Girder 2	56.42	0.95	1	1	5.415423
Type 3_str	BOBJ1	56.42	Before	Interior Girder 3	56.42	0.95	1	1	4.38461
Type 3_str	BOBJ1	56.42	Before	Interior Girder 4	56.42	0.95	1	1	4.38461
Type 3_str	BOBJ1	56.42	Before	Interior Girder 5	56.42	0.95	1	1	5.415423
Type 3_str	BOBJ1	56.42	Before	Interior Girder 6	56.42	0.95	1	1	5.841101

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Approach, Span 12-1									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Type 3_str	BOBJ1	56.42	Before	Right Exterior Girder	56.42	0.95	1	1	9.65532
Type 3_str	BOBJ1	56.42	After	Left Exterior Girder	0	0.95	1	1	9.591874
Type 3_str	BOBJ1	56.42	After	Interior Girder 1	0	0.95	1	1	5.962228
Type 3_str	BOBJ1	56.42	After	Interior Girder 2	0	0.95	1	1	5.510506
Type 3_str	BOBJ1	56.42	After	Interior Girder 3	0	0.95	1	1	4.464506
Type 3_str	BOBJ1	56.42	After	Interior Girder 4	0	0.95	1	1	4.464506
Type 3_str	BOBJ1	56.42	After	Interior Girder 5	0	0.95	1	1	5.510506
Type 3_str	BOBJ1	56.42	After	Interior Girder 6	0	0.95	1	1	5.962228
Type 3_str	BOBJ1	56.42	After	Right Exterior Girder	0	0.95	1	1	9.591874
Type 3_str	BOBJ1	62.0367	Before	Left Exterior Girder	5.6167	0.95	1	1	9.737752
Type 3_str	BOBJ1	62.0367	Before	Interior Girder 1	5.6167	0.95	1	1	6.068789
Type 3_str	BOBJ1	62.0367	Before	Interior Girder 2	5.6167	0.95	1	1	5.608269
Type 3_str	BOBJ1	62.0367	Before	Interior Girder 3	5.6167	0.95	1	1	4.54545
Type 3_str	BOBJ1	62.0367	Before	Interior Girder 4	5.6167	0.95	1	1	4.54545
Type 3_str	BOBJ1	62.0367	Before	Interior Girder 5	5.6167	0.95	1	1	5.608269
Type 3_str	BOBJ1	62.0367	Before	Interior Girder 6	5.6167	0.95	1	1	6.068789
Type 3_str	BOBJ1	62.0367	Before	Right Exterior Girder	5.6167	0.95	1	1	9.737752
Type 3_str	BOBJ1	62.0367	After	Left Exterior Girder	5.6167	0.95	1	1	14.38426
Type 3_str	BOBJ1	62.0367	After	Interior Girder 1	5.6167	0.95	1	1	5.665329
Type 3_str	BOBJ1	62.0367	After	Interior Girder 2	5.6167	0.95	1	1	6.304643
Type 3_str	BOBJ1	62.0367	After	Interior Girder 3	5.6167	0.95	1	1	5.250252
Type 3_str	BOBJ1	62.0367	After	Interior Girder 4	5.6167	0.95	1	1	5.250252
Type 3_str	BOBJ1	62.0367	After	Interior Girder 5	5.6167	0.95	1	1	6.304643
Type 3_str	BOBJ1	62.0367	After	Interior Girder 6	5.6167	0.95	1	1	5.665329
Type 3_str	BOBJ1	62.0367	After	Right Exterior Girder	5.6167	0.95	1	1	14.38426
Type 3_str	BOBJ1	62.4203	Before	Interior Girder 1	6.0003	0.95	1	1	5.672265
Type 3_str	BOBJ1	62.4203	Before	Interior Girder 2	6.0003	0.95	1	1	6.312135
Type 3_str	BOBJ1	62.4203	Before	Interior Girder 3	6.0003	0.95	1	1	5.256615
Type 3_str	BOBJ1	62.4203	Before	Interior Girder 4	6.0003	0.95	1	1	5.256615
Type 3_str	BOBJ1	62.4203	Before	Interior Girder 5	6.0003	0.95	1	1	6.312135
Type 3_str	BOBJ1	62.4203	Before	Interior Girder 6	6.0003	0.95	1	1	5.672265
Type 3_str	BOBJ1	62.4203	After	Interior Girder 1	6.0003	0.95	1	1	5.698091
Type 3_str	BOBJ1	62.4203	After	Interior Girder 2	6.0003	0.95	1	1	6.762278
Type 3_str	BOBJ1	62.4203	After	Interior Girder 3	6.0003	0.95	1	1	5.763361
Type 3_str	BOBJ1	62.4203	After	Interior Girder 4	6.0003	0.95	1	1	5.763361
Type 3_str	BOBJ1	62.4203	After	Interior Girder 5	6.0003	0.95	1	1	6.762278
Type 3_str	BOBJ1	62.4203	After	Interior Girder 6	6.0003	0.95	1	1	5.698091
Type 3_str	BOBJ1	64.9204	Before	Left Exterior Girder	8.5004	0.95	1	1	10.161471
Type 3_str	BOBJ1	64.9204	Before	Right Exterior Girder	8.5004	0.95	1	1	10.161471
Type 3_str	BOBJ1	64.9204	After	Left Exterior Girder	8.5004	0.95	1	1	10.28306
Type 3_str	BOBJ1	64.9204	After	Right Exterior Girder	8.5004	0.95	1	1	10.28306
Type 3_str	BOBJ1	67.6533	Before	Left Exterior Girder	11.2333	0.95	1	1	10.345669
Type 3_str	BOBJ1	67.6533	Before	Interior Girder 1	11.2333	0.95	1	1	7.515146
Type 3_str	BOBJ1	67.6533	Before	Interior Girder 2	11.2333	0.95	1	1	6.866445
Type 3_str	BOBJ1	67.6533	Before	Interior Girder 3	11.2333	0.95	1	1	5.853559
Type 3_str	BOBJ1	67.6533	Before	Interior Girder 4	11.2333	0.95	1	1	5.853559
Type 3_str	BOBJ1	67.6533	Before	Interior Girder 5	11.2333	0.95	1	1	6.866445
Type 3_str	BOBJ1	67.6533	Before	Interior Girder 6	11.2333	0.95	1	1	7.515146
Type 3_str	BOBJ1	67.6533	Before	Right Exterior Girder	11.2333	0.95	1	1	10.345669
Type 3_str	BOBJ1	67.6533	After	Left Exterior Girder	11.2333	0.95	1	1	11.609822
Type 3_str	BOBJ1	67.6533	After	Interior Girder 1	11.2333	0.95	1	1	9.067965
Type 3_str	BOBJ1	67.6533	After	Interior Girder 2	11.2333	0.95	1	1	8.309901
Type 3_str	BOBJ1	67.6533	After	Interior Girder 3	11.2333	0.95	1	1	7.450422
Type 3_str	BOBJ1	67.6533	After	Interior Girder 4	11.2333	0.95	1	1	7.450422
Type 3_str	BOBJ1	67.6533	After	Interior Girder 5	11.2333	0.95	1	1	8.309901
Type 3_str	BOBJ1	67.6533	After	Interior Girder 6	11.2333	0.95	1	1	9.067965
Type 3_str	BOBJ1	67.6533	After	Right Exterior Girder	11.2333	0.95	1	1	11.609822
Type 3_str	BOBJ1	73.27	Before	Left Exterior Girder	16.85	0.95	1	1	11.750698
Type 3_str	BOBJ1	73.27	Before	Interior Girder 1	16.85	0.95	1	1	9.216143
Type 3_str	BOBJ1	73.27	Before	Interior Girder 2	16.85	0.95	1	1	8.444609
Type 3_str	BOBJ1	73.27	Before	Interior Girder 3	16.85	0.95	1	1	7.572715
Type 3_str	BOBJ1	73.27	Before	Interior Girder 4	16.85	0.95	1	1	7.572715
Type 3_str	BOBJ1	73.27	Before	Interior Girder 5	16.85	0.95	1	1	8.444609
Type 3_str	BOBJ1	73.27	Before	Interior Girder 6	16.85	0.95	1	1	9.216143
Type 3_str	BOBJ1	73.27	Before	Right Exterior Girder	16.85	0.95	1	1	11.750698

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Approach, Span 12-1									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Type 3_str	BOBJ1	73.27	After	Left Exterior Girder	16.85	0.95	1	1	15.661692
Type 3_str	BOBJ1	73.27	After	Interior Girder 1	16.85	0.95	1	1	9.435001
Type 3_str	BOBJ1	73.27	After	Interior Girder 2	16.85	0.95	1	1	8.716932
Type 3_str	BOBJ1	73.27	After	Interior Girder 3	16.85	0.95	1	1	7.514583
Type 3_str	BOBJ1	73.27	After	Interior Girder 4	16.85	0.95	1	1	7.514583
Type 3_str	BOBJ1	73.27	After	Interior Girder 5	16.85	0.95	1	1	8.716932
Type 3_str	BOBJ1	73.27	After	Interior Girder 6	16.85	0.95	1	1	9.435001
Type 3_str	BOBJ1	73.27	After	Right Exterior Girder	16.85	0.95	1	1	15.661692
Type 3_str	BOBJ1	78.8867	Before	Left Exterior Girder	22.4667	0.95	1	1	15.844978
Type 3_str	BOBJ1	78.8867	Before	Interior Girder 1	22.4667	0.95	1	1	9.585647
Type 3_str	BOBJ1	78.8867	Before	Interior Girder 2	22.4667	0.95	1	1	8.855728
Type 3_str	BOBJ1	78.8867	Before	Interior Girder 3	22.4667	0.95	1	1	7.63458
Type 3_str	BOBJ1	78.8867	Before	Interior Girder 4	22.4667	0.95	1	1	7.63458
Type 3_str	BOBJ1	78.8867	Before	Interior Girder 5	22.4667	0.95	1	1	8.855728
Type 3_str	BOBJ1	78.8867	Before	Interior Girder 6	22.4667	0.95	1	1	9.585647
Type 3_str	BOBJ1	78.8867	Before	Right Exterior Girder	22.4667	0.95	1	1	15.844978
Type 3_str	BOBJ1	78.8867	After	Left Exterior Girder	22.4667	0.95	1	1	18.876645
Type 3_str	BOBJ1	78.8867	After	Interior Girder 1	22.4667	0.95	1	1	12.142326
Type 3_str	BOBJ1	78.8867	After	Interior Girder 2	22.4667	0.95	1	1	11.193847
Type 3_str	BOBJ1	78.8867	After	Interior Girder 3	22.4667	0.95	1	1	9.768899
Type 3_str	BOBJ1	78.8867	After	Interior Girder 4	22.4667	0.95	1	1	9.768899
Type 3_str	BOBJ1	78.8867	After	Interior Girder 5	22.4667	0.95	1	1	11.193847
Type 3_str	BOBJ1	78.8867	After	Interior Girder 6	22.4667	0.95	1	1	12.142326
Type 3_str	BOBJ1	78.8867	After	Right Exterior Girder	22.4667	0.95	1	1	18.876645
Type 3_str	BOBJ1	84.5033	Before	Left Exterior Girder	28.0833	0.95	1	1	19.090076
Type 3_str	BOBJ1	84.5033	Before	Interior Girder 1	28.0833	0.95	1	1	12.332266
Type 3_str	BOBJ1	84.5033	Before	Interior Girder 2	28.0833	0.95	1	1	11.368362
Type 3_str	BOBJ1	84.5033	Before	Interior Girder 3	28.0833	0.95	1	1	9.921438
Type 3_str	BOBJ1	84.5033	Before	Interior Girder 4	28.0833	0.95	1	1	9.921438
Type 3_str	BOBJ1	84.5033	Before	Interior Girder 5	28.0833	0.95	1	1	11.368362
Type 3_str	BOBJ1	84.5033	Before	Interior Girder 6	28.0833	0.95	1	1	12.332266
Type 3_str	BOBJ1	84.5033	Before	Right Exterior Girder	28.0833	0.95	1	1	19.090076
Type 3_str	BOBJ1	84.5033	After	Left Exterior Girder	28.0833	0.95	1	1	24.146767
Type 3_str	BOBJ1	84.5033	After	Interior Girder 1	28.0833	0.95	1	1	15.965167
Type 3_str	BOBJ1	84.5033	After	Interior Girder 2	28.0833	0.95	1	1	13.787464
Type 3_str	BOBJ1	84.5033	After	Interior Girder 3	28.0833	0.95	1	1	11.604342
Type 3_str	BOBJ1	84.5033	After	Interior Girder 4	28.0833	0.95	1	1	11.604342
Type 3_str	BOBJ1	84.5033	After	Interior Girder 5	28.0833	0.95	1	1	13.787464
Type 3_str	BOBJ1	84.5033	After	Interior Girder 6	28.0833	0.95	1	1	15.965167
Type 3_str	BOBJ1	84.5033	After	Right Exterior Girder	28.0833	0.95	1	1	24.146767
Type 3_str	BOBJ1	90.12	Before	Left Exterior Girder	33.7	0.95	1	1	24.410971
Type 3_str	BOBJ1	90.12	Before	Interior Girder 1	33.7	0.95	1	1	15.730923
Type 3_str	BOBJ1	90.12	Before	Interior Girder 2	33.7	0.95	1	1	13.584069
Type 3_str	BOBJ1	90.12	Before	Interior Girder 3	33.7	0.95	1	1	11.433313
Type 3_str	BOBJ1	90.12	Before	Interior Girder 4	33.7	0.95	1	1	11.433313
Type 3_str	BOBJ1	90.12	Before	Interior Girder 5	33.7	0.95	1	1	13.584069
Type 3_str	BOBJ1	90.12	Before	Interior Girder 6	33.7	0.95	1	1	15.730923
Type 3_str	BOBJ1	90.12	Before	Right Exterior Girder	33.7	0.95	1	1	24.410971
Type 3_str	BOBJ1	90.12	After	Left Exterior Girder	33.7	0.95	1	1	25.139785
Type 3_str	BOBJ1	90.12	After	Interior Girder 1	33.7	0.95	1	1	15.634633
Type 3_str	BOBJ1	90.12	After	Interior Girder 2	33.7	0.95	1	1	13.528606
Type 3_str	BOBJ1	90.12	After	Interior Girder 3	33.7	0.95	1	1	11.405953
Type 3_str	BOBJ1	90.12	After	Interior Girder 4	33.7	0.95	1	1	11.405953
Type 3_str	BOBJ1	90.12	After	Interior Girder 5	33.7	0.95	1	1	13.528606
Type 3_str	BOBJ1	90.12	After	Interior Girder 6	33.7	0.95	1	1	15.634633
Type 3_str	BOBJ1	90.12	After	Right Exterior Girder	33.7	0.95	1	1	25.139785
Type 3_str	BOBJ1	95.7367	Before	Left Exterior Girder	39.3167	0.95	1	1	24.867746
Type 3_str	BOBJ1	95.7367	Before	Interior Girder 1	39.3167	0.95	1	1	15.867797
Type 3_str	BOBJ1	95.7367	Before	Interior Girder 2	39.3167	0.95	1	1	13.731045
Type 3_str	BOBJ1	95.7367	Before	Interior Girder 3	39.3167	0.95	1	1	11.576442
Type 3_str	BOBJ1	95.7367	Before	Interior Girder 4	39.3167	0.95	1	1	11.576442
Type 3_str	BOBJ1	95.7367	Before	Interior Girder 5	39.3167	0.95	1	1	13.731045
Type 3_str	BOBJ1	95.7367	Before	Interior Girder 6	39.3167	0.95	1	1	15.867797
Type 3_str	BOBJ1	95.7367	Before	Right Exterior Girder	39.3167	0.95	1	1	24.867746
Type 3_str	BOBJ1	95.7367	After	Left Exterior Girder	39.3167	0.95	1	1	19.581318

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Approach, Span 12-1									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Type 3_str	BOBJ1	95.7367	After	Interior Girder 1	39.3167	0.95	1	1	12.46409
Type 3_str	BOBJ1	95.7367	After	Interior Girder 2	39.3167	0.95	1	1	11.507655
Type 3_str	BOBJ1	95.7367	After	Interior Girder 3	39.3167	0.95	1	1	9.958081
Type 3_str	BOBJ1	95.7367	After	Interior Girder 4	39.3167	0.95	1	1	9.958081
Type 3_str	BOBJ1	95.7367	After	Interior Girder 5	39.3167	0.95	1	1	11.507655
Type 3_str	BOBJ1	95.7367	After	Interior Girder 6	39.3167	0.95	1	1	12.46409
Type 3_str	BOBJ1	95.7367	After	Right Exterior Girder	39.3167	0.95	1	1	19.581318
Type 3_str	BOBJ1	101.3533	Before	Left Exterior Girder	44.9333	0.95	1	1	19.362438
Type 3_str	BOBJ1	101.3533	Before	Interior Girder 1	44.9333	0.95	1	1	12.272042
Type 3_str	BOBJ1	101.3533	Before	Interior Girder 2	44.9333	0.95	1	1	11.330888
Type 3_str	BOBJ1	101.3533	Before	Interior Girder 3	44.9333	0.95	1	1	9.804857
Type 3_str	BOBJ1	101.3533	Before	Interior Girder 4	44.9333	0.95	1	1	9.804857
Type 3_str	BOBJ1	101.3533	Before	Interior Girder 5	44.9333	0.95	1	1	11.330888
Type 3_str	BOBJ1	101.3533	Before	Interior Girder 6	44.9333	0.95	1	1	12.272042
Type 3_str	BOBJ1	101.3533	Before	Right Exterior Girder	44.9333	0.95	1	1	19.362438
Type 3_str	BOBJ1	101.3533	After	Left Exterior Girder	44.9333	0.95	1	1	16.191612
Type 3_str	BOBJ1	101.3533	After	Interior Girder 1	44.9333	0.95	1	1	9.666168
Type 3_str	BOBJ1	101.3533	After	Interior Girder 2	44.9333	0.95	1	1	8.906796
Type 3_str	BOBJ1	101.3533	After	Interior Girder 3	44.9333	0.95	1	1	7.653719
Type 3_str	BOBJ1	101.3533	After	Interior Girder 4	44.9333	0.95	1	1	7.653719
Type 3_str	BOBJ1	101.3533	After	Interior Girder 5	44.9333	0.95	1	1	8.906796
Type 3_str	BOBJ1	101.3533	After	Interior Girder 6	44.9333	0.95	1	1	9.666168
Type 3_str	BOBJ1	101.3533	After	Right Exterior Girder	44.9333	0.95	1	1	16.191612
Type 3_str	BOBJ1	106.97	Before	Left Exterior Girder	50.55	0.95	1	1	16.004358
Type 3_str	BOBJ1	106.97	Before	Interior Girder 1	50.55	0.95	1	1	9.514195
Type 3_str	BOBJ1	106.97	Before	Interior Girder 2	50.55	0.95	1	1	8.767103
Type 3_str	BOBJ1	106.97	Before	Interior Girder 3	50.55	0.95	1	1	7.533324
Type 3_str	BOBJ1	106.97	Before	Interior Girder 4	50.55	0.95	1	1	7.533324
Type 3_str	BOBJ1	106.97	Before	Interior Girder 5	50.55	0.95	1	1	8.767103
Type 3_str	BOBJ1	106.97	Before	Interior Girder 6	50.55	0.95	1	1	9.514195
Type 3_str	BOBJ1	106.97	Before	Right Exterior Girder	50.55	0.95	1	1	16.004358
Type 3_str	BOBJ1	106.97	After	Left Exterior Girder	50.55	0.95	1	1	11.951844
Type 3_str	BOBJ1	106.97	After	Interior Girder 1	50.55	0.95	1	1	9.324659
Type 3_str	BOBJ1	106.97	After	Interior Girder 2	50.55	0.95	1	1	8.537209
Type 3_str	BOBJ1	106.97	After	Interior Girder 3	50.55	0.95	1	1	7.628801
Type 3_str	BOBJ1	106.97	After	Interior Girder 4	50.55	0.95	1	1	7.628801
Type 3_str	BOBJ1	106.97	After	Interior Girder 5	50.55	0.95	1	1	8.537209
Type 3_str	BOBJ1	106.97	After	Interior Girder 6	50.55	0.95	1	1	9.324659
Type 3_str	BOBJ1	106.97	After	Right Exterior Girder	50.55	0.95	1	1	11.951844
Type 3_str	BOBJ1	112.5933	Before	Left Exterior Girder	56.1733	0.95	1	1	11.808435
Type 3_str	BOBJ1	112.5933	Before	Interior Girder 1	56.1733	0.95	1	1	9.174502
Type 3_str	BOBJ1	112.5933	Before	Interior Girder 2	56.1733	0.95	1	1	8.400737
Type 3_str	BOBJ1	112.5933	Before	Interior Girder 3	56.1733	0.95	1	1	7.505361
Type 3_str	BOBJ1	112.5933	Before	Interior Girder 4	56.1733	0.95	1	1	7.505361
Type 3_str	BOBJ1	112.5933	Before	Interior Girder 5	56.1733	0.95	1	1	8.400737
Type 3_str	BOBJ1	112.5933	Before	Interior Girder 6	56.1733	0.95	1	1	9.174502
Type 3_str	BOBJ1	112.5933	Before	Right Exterior Girder	56.1733	0.95	1	1	11.808435
Type 3_str	BOBJ1	112.5933	After	Left Exterior Girder	56.1733	0.95	1	1	10.556706
Type 3_str	BOBJ1	112.5933	After	Interior Girder 1	56.1733	0.95	1	1	7.538925
Type 3_str	BOBJ1	112.5933	After	Interior Girder 2	56.1733	0.95	1	1	6.918526
Type 3_str	BOBJ1	112.5933	After	Interior Girder 3	56.1733	0.95	1	1	5.889412
Type 3_str	BOBJ1	112.5933	After	Interior Girder 4	56.1733	0.95	1	1	5.889412
Type 3_str	BOBJ1	112.5933	After	Interior Girder 5	56.1733	0.95	1	1	6.918526
Type 3_str	BOBJ1	112.5933	After	Interior Girder 6	56.1733	0.95	1	1	7.538925
Type 3_str	BOBJ1	112.5933	After	Right Exterior Girder	56.1733	0.95	1	1	10.556706
Type 3_str	BOBJ1	115.3396	Before	Left Exterior Girder	58.9196	0.95	1	1	10.49255
Type 3_str	BOBJ1	115.3396	Before	Right Exterior Girder	58.9196	0.95	1	1	10.49255
Type 3_str	BOBJ1	115.3396	After	Left Exterior Girder	58.9196	0.95	1	1	9.902544
Type 3_str	BOBJ1	115.3396	After	Right Exterior Girder	58.9196	0.95	1	1	9.902544
Type 3_str	BOBJ1	118.2167	Before	Left Exterior Girder	61.7967	0.95	1	1	9.828578
Type 3_str	BOBJ1	118.2167	Before	Interior Girder 1	61.9198	0.95	1	1	7.530823
Type 3_str	BOBJ1	118.2167	Before	Interior Girder 2	61.9198	0.95	1	1	6.805603
Type 3_str	BOBJ1	118.2167	Before	Interior Girder 3	61.9198	0.95	1	1	5.791791
Type 3_str	BOBJ1	118.2167	Before	Interior Girder 4	61.9198	0.95	1	1	5.791791
Type 3_str	BOBJ1	118.2167	Before	Interior Girder 5	61.9198	0.95	1	1	6.805603

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Approach, Span 12-1									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Type 3_str	BOBJ1	118.2167	Before	Interior Girder 6	61.9198	0.95	1	1	7.530823
Type 3_str	BOBJ1	118.2167	Before	Right Exterior Girder	61.7967	0.95	1	1	9.828578
Type 3_str	BOBJ1	118.2167	After	Left Exterior Girder	61.7967	0.95	1	1	9.810026
Type 3_str	BOBJ1	118.2167	After	Interior Girder 1	61.9198	0.95	1	1	6.098828
Type 3_str	BOBJ1	118.2167	After	Interior Girder 2	61.9198	0.95	1	1	5.62098
Type 3_str	BOBJ1	118.2167	After	Interior Girder 3	61.9198	0.95	1	1	4.55485
Type 3_str	BOBJ1	118.2167	After	Interior Girder 4	61.9198	0.95	1	1	4.55485
Type 3_str	BOBJ1	118.2167	After	Interior Girder 5	61.9198	0.95	1	1	5.62098
Type 3_str	BOBJ1	118.2167	After	Interior Girder 6	61.9198	0.95	1	1	6.098828
Type 3_str	BOBJ1	118.2167	After	Right Exterior Girder	61.7967	0.95	1	1	9.810026
Type 3_str	BOBJ1	123.84	Before	Left Exterior Girder	67.42	0.95	1	1	9.662968
Type 3_str	BOBJ1	123.84	Before	Interior Girder 1	67.42	0.95	1	1	5.991564
Type 3_str	BOBJ1	123.84	Before	Interior Girder 2	67.42	0.95	1	1	5.522765
Type 3_str	BOBJ1	123.84	Before	Interior Girder 3	67.42	0.95	1	1	4.473581
Type 3_str	BOBJ1	123.84	Before	Interior Girder 4	67.42	0.95	1	1	4.473581
Type 3_str	BOBJ1	123.84	Before	Interior Girder 5	67.42	0.95	1	1	5.522765
Type 3_str	BOBJ1	123.84	Before	Interior Girder 6	67.42	0.95	1	1	5.991564
Type 3_str	BOBJ1	123.84	Before	Right Exterior Girder	67.42	0.95	1	1	9.662968
Type 3_str	BOBJ1	123.84	After	Left Exterior Girder	0	0.95	1	1	9.784599
Type 3_str	BOBJ1	123.84	After	Interior Girder 1	0	0.95	1	1	6.057866
Type 3_str	BOBJ1	123.84	After	Interior Girder 2	0	0.95	1	1	5.579663
Type 3_str	BOBJ1	123.84	After	Interior Girder 3	0	0.95	1	1	4.492118
Type 3_str	BOBJ1	123.84	After	Interior Girder 4	0	0.95	1	1	4.492118
Type 3_str	BOBJ1	123.84	After	Interior Girder 5	0	0.95	1	1	5.579663
Type 3_str	BOBJ1	123.84	After	Interior Girder 6	0	0.95	1	1	6.057866
Type 3_str	BOBJ1	123.84	After	Right Exterior Girder	0	0.95	1	1	9.784599
Type 3_str	BOBJ1	129.34	Before	Interior Girder 1	5.5	0.95	1	1	6.164055
Type 3_str	BOBJ1	129.34	Before	Interior Girder 2	5.5	0.95	1	1	5.676708
Type 3_str	BOBJ1	129.34	Before	Interior Girder 3	5.5	0.95	1	1	4.572126
Type 3_str	BOBJ1	129.34	Before	Interior Girder 4	5.5	0.95	1	1	4.572126
Type 3_str	BOBJ1	129.34	Before	Interior Girder 5	5.5	0.95	1	1	5.676708
Type 3_str	BOBJ1	129.34	Before	Interior Girder 6	5.5	0.95	1	1	6.164055
Type 3_str	BOBJ1	129.34	After	Interior Girder 1	5.5	0.95	1	1	5.936259
Type 3_str	BOBJ1	129.34	After	Interior Girder 2	5.5	0.95	1	1	5.875037
Type 3_str	BOBJ1	129.34	After	Interior Girder 3	5.5	0.95	1	1	4.708434
Type 3_str	BOBJ1	129.34	After	Interior Girder 4	5.5	0.95	1	1	4.708434
Type 3_str	BOBJ1	129.34	After	Interior Girder 5	5.5	0.95	1	1	5.875037
Type 3_str	BOBJ1	129.34	After	Interior Girder 6	5.5	0.95	1	1	5.936259
Type 3_str	BOBJ1	130.79	Before	Left Exterior Girder	6.95	0.95	1	1	8.271592
Type 3_str	BOBJ1	130.79	Before	Interior Girder 1	6.95	0.95	1	1	5.962288
Type 3_str	BOBJ1	130.79	Before	Interior Girder 2	6.95	0.95	1	1	5.900207
Type 3_str	BOBJ1	130.79	Before	Interior Girder 3	6.95	0.95	1	1	4.729038
Type 3_str	BOBJ1	130.79	Before	Interior Girder 4	6.95	0.95	1	1	4.729038
Type 3_str	BOBJ1	130.79	Before	Interior Girder 5	6.95	0.95	1	1	5.900207
Type 3_str	BOBJ1	130.79	Before	Interior Girder 6	6.95	0.95	1	1	5.962288
Type 3_str	BOBJ1	130.79	Before	Right Exterior Girder	6.95	0.95	1	1	8.271592
Type 3_str	BOBJ1	130.79	After	Left Exterior Girder	6.95	0.95	1	1	8.873858
Type 3_str	BOBJ1	130.79	After	Interior Girder 1	6.95	0.95	1	1	7.838149
Type 3_str	BOBJ1	130.79	After	Interior Girder 2	6.95	0.95	1	1	7.590127
Type 3_str	BOBJ1	130.79	After	Interior Girder 3	6.95	0.95	1	1	6.671274
Type 3_str	BOBJ1	130.79	After	Interior Girder 4	6.95	0.95	1	1	6.671274
Type 3_str	BOBJ1	130.79	After	Interior Girder 5	6.95	0.95	1	1	7.590127
Type 3_str	BOBJ1	130.79	After	Interior Girder 6	6.95	0.95	1	1	7.838149
Type 3_str	BOBJ1	130.79	After	Right Exterior Girder	6.95	0.95	1	1	8.873858
Type 3_str	BOBJ1	132.34	Before	Left Exterior Girder	8.5	0.95	1	1	8.910307
Type 3_str	BOBJ1	132.34	Before	Right Exterior Girder	8.5	0.95	1	1	8.910307
Type 3_str	BOBJ1	132.34	After	Left Exterior Girder	8.5	0.95	1	1	10.798835
Type 3_str	BOBJ1	132.34	After	Right Exterior Girder	8.5	0.95	1	1	10.798835
Type 3_str	BOBJ1	137.74	Before	Left Exterior Girder	13.9	0.95	1	1	10.92766
Type 3_str	BOBJ1	137.74	Before	Interior Girder 1	13.9	0.95	1	1	8.440608
Type 3_str	BOBJ1	137.74	Before	Interior Girder 2	13.9	0.95	1	1	7.744955
Type 3_str	BOBJ1	137.74	Before	Interior Girder 3	13.9	0.95	1	1	6.809593
Type 3_str	BOBJ1	137.74	Before	Interior Girder 4	13.9	0.95	1	1	6.809593
Type 3_str	BOBJ1	137.74	Before	Interior Girder 5	13.9	0.95	1	1	7.744955
Type 3_str	BOBJ1	137.74	Before	Interior Girder 6	13.9	0.95	1	1	8.440608

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Approach, Span 12-1									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Type 3_str	BOBJ1	137.74	Before	Right Exterior Girder	13.9	0.95	1	1	10.92766
Type 3_str	BOBJ1	137.74	After	Left Exterior Girder	13.9	0.95	1	1	14.288358
Type 3_str	BOBJ1	137.74	After	Interior Girder 1	13.9	0.95	1	1	8.846211
Type 3_str	BOBJ1	137.74	After	Interior Girder 2	13.9	0.95	1	1	8.188004
Type 3_str	BOBJ1	137.74	After	Interior Girder 3	13.9	0.95	1	1	7.062769
Type 3_str	BOBJ1	137.74	After	Interior Girder 4	13.9	0.95	1	1	7.062769
Type 3_str	BOBJ1	137.74	After	Interior Girder 5	13.9	0.95	1	1	8.188004
Type 3_str	BOBJ1	137.74	After	Interior Girder 6	13.9	0.95	1	1	8.846211
Type 3_str	BOBJ1	137.74	After	Right Exterior Girder	13.9	0.95	1	1	14.288358
Type 3_str	BOBJ1	143.7733	Before	Left Exterior Girder	19.9333	0.95	1	1	14.471391
Type 3_str	BOBJ1	143.7733	Before	Interior Girder 1	19.9333	0.95	1	1	8.999912
Type 3_str	BOBJ1	143.7733	Before	Interior Girder 2	19.9333	0.95	1	1	8.329872
Type 3_str	BOBJ1	143.7733	Before	Interior Girder 3	19.9333	0.95	1	1	7.185619
Type 3_str	BOBJ1	143.7733	Before	Interior Girder 4	19.9333	0.95	1	1	7.185619
Type 3_str	BOBJ1	143.7733	Before	Interior Girder 5	19.9333	0.95	1	1	8.329872
Type 3_str	BOBJ1	143.7733	Before	Interior Girder 6	19.9333	0.95	1	1	8.999912
Type 3_str	BOBJ1	143.7733	Before	Right Exterior Girder	19.9333	0.95	1	1	14.471391
Type 3_str	BOBJ1	143.7733	After	Left Exterior Girder	19.9333	0.95	1	1	17.2418
Type 3_str	BOBJ1	143.7733	After	Interior Girder 1	19.9333	0.95	1	1	11.480348
Type 3_str	BOBJ1	143.7733	After	Interior Girder 2	19.9333	0.95	1	1	10.528766
Type 3_str	BOBJ1	143.7733	After	Interior Girder 3	19.9333	0.95	1	1	9.29479
Type 3_str	BOBJ1	143.7733	After	Interior Girder 4	19.9333	0.95	1	1	9.29479
Type 3_str	BOBJ1	143.7733	After	Interior Girder 5	19.9333	0.95	1	1	10.528766
Type 3_str	BOBJ1	143.7733	After	Interior Girder 6	19.9333	0.95	1	1	11.480348
Type 3_str	BOBJ1	143.7733	After	Right Exterior Girder	19.9333	0.95	1	1	17.2418
Type 3_str	BOBJ1	149.8067	Before	Left Exterior Girder	25.9667	0.95	1	1	17.454475
Type 3_str	BOBJ1	149.8067	Before	Interior Girder 1	25.9667	0.95	1	1	11.675454
Type 3_str	BOBJ1	149.8067	Before	Interior Girder 2	25.9667	0.95	1	1	10.707076
Type 3_str	BOBJ1	149.8067	Before	Interior Girder 3	25.9667	0.95	1	1	9.45255
Type 3_str	BOBJ1	149.8067	Before	Interior Girder 4	25.9667	0.95	1	1	9.45255
Type 3_str	BOBJ1	149.8067	Before	Interior Girder 5	25.9667	0.95	1	1	10.707076
Type 3_str	BOBJ1	149.8067	Before	Interior Girder 6	25.9667	0.95	1	1	11.675454
Type 3_str	BOBJ1	149.8067	Before	Right Exterior Girder	25.9667	0.95	1	1	17.454475
Type 3_str	BOBJ1	149.8067	After	Left Exterior Girder	25.9667	0.95	1	1	22.060957
Type 3_str	BOBJ1	149.8067	After	Interior Girder 1	25.9667	0.95	1	1	15.269194
Type 3_str	BOBJ1	149.8067	After	Interior Girder 2	25.9667	0.95	1	1	13.900534
Type 3_str	BOBJ1	149.8067	After	Interior Girder 3	25.9667	0.95	1	1	12.428018
Type 3_str	BOBJ1	149.8067	After	Interior Girder 4	25.9667	0.95	1	1	12.428018
Type 3_str	BOBJ1	149.8067	After	Interior Girder 5	25.9667	0.95	1	1	13.900534
Type 3_str	BOBJ1	149.8067	After	Interior Girder 6	25.9667	0.95	1	1	15.269194
Type 3_str	BOBJ1	149.8067	After	Right Exterior Girder	25.9667	0.95	1	1	22.060957
Type 3_str	BOBJ1	155.84	Before	Left Exterior Girder	32	0.95	1	1	22.323508
Type 3_str	BOBJ1	155.84	Before	Interior Girder 1	32	0.95	1	1	15.522962
Type 3_str	BOBJ1	155.84	Before	Interior Girder 2	32	0.95	1	1	14.13066
Type 3_str	BOBJ1	155.84	Before	Interior Girder 3	32	0.95	1	1	12.233722
Type 3_str	BOBJ1	155.84	Before	Interior Girder 4	32	0.95	1	1	12.233722
Type 3_str	BOBJ1	155.84	Before	Interior Girder 5	32	0.95	1	1	14.13066
Type 3_str	BOBJ1	155.84	Before	Interior Girder 6	32	0.95	1	1	15.522962
Type 3_str	BOBJ1	155.84	Before	Right Exterior Girder	32	0.95	1	1	22.323508
Type 3_str	BOBJ1	155.84	After	Left Exterior Girder	32	0.95	1	1	27.235722
Type 3_str	BOBJ1	155.84	After	Interior Girder 1	32	0.95	1	1	15.004459
Type 3_str	BOBJ1	155.84	After	Interior Girder 2	32	0.95	1	1	13.052796
Type 3_str	BOBJ1	155.84	After	Interior Girder 3	32	0.95	1	1	11.000817
Type 3_str	BOBJ1	155.84	After	Interior Girder 4	32	0.95	1	1	11.000817
Type 3_str	BOBJ1	155.84	After	Interior Girder 5	32	0.95	1	1	13.052796
Type 3_str	BOBJ1	155.84	After	Interior Girder 6	32	0.95	1	1	15.004459
Type 3_str	BOBJ1	155.84	After	Right Exterior Girder	32	0.95	1	1	27.235722
Type 3_str	BOBJ1	161.8733	Before	Left Exterior Girder	38.0333	0.95	1	1	26.922385
Type 3_str	BOBJ1	161.8733	Before	Interior Girder 1	38.0333	0.95	1	1	15.246642
Type 3_str	BOBJ1	161.8733	Before	Interior Girder 2	38.0333	0.95	1	1	13.264213
Type 3_str	BOBJ1	161.8733	Before	Interior Girder 3	38.0333	0.95	1	1	11.1789
Type 3_str	BOBJ1	161.8733	Before	Interior Girder 4	38.0333	0.95	1	1	11.1789
Type 3_str	BOBJ1	161.8733	Before	Interior Girder 5	38.0333	0.95	1	1	13.264213
Type 3_str	BOBJ1	161.8733	Before	Interior Girder 6	38.0333	0.95	1	1	15.246642
Type 3_str	BOBJ1	161.8733	Before	Right Exterior Girder	38.0333	0.95	1	1	26.922385

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Approach, Span 12-1									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Type 3_str	BOBJ1	161.8733	After	Left Exterior Girder	38.0333	0.95	1	1	20.567049
Type 3_str	BOBJ1	161.8733	After	Interior Girder 1	38.0333	0.95	1	1	12.870058
Type 3_str	BOBJ1	161.8733	After	Interior Girder 2	38.0333	0.95	1	1	11.913049
Type 3_str	BOBJ1	161.8733	After	Interior Girder 3	38.0333	0.95	1	1	10.323063
Type 3_str	BOBJ1	161.8733	After	Interior Girder 4	38.0333	0.95	1	1	10.323063
Type 3_str	BOBJ1	161.8733	After	Interior Girder 5	38.0333	0.95	1	1	11.913049
Type 3_str	BOBJ1	161.8733	After	Interior Girder 6	38.0333	0.95	1	1	12.870058
Type 3_str	BOBJ1	161.8733	After	Right Exterior Girder	38.0333	0.95	1	1	20.567049
Type 3_str	BOBJ1	167.9067	Before	Left Exterior Girder	44.0667	0.95	1	1	20.322131
Type 3_str	BOBJ1	167.9067	Before	Interior Girder 1	44.0667	0.95	1	1	12.658349
Type 3_str	BOBJ1	167.9067	Before	Interior Girder 2	44.0667	0.95	1	1	11.717697
Type 3_str	BOBJ1	167.9067	Before	Interior Girder 3	44.0667	0.95	1	1	10.153598
Type 3_str	BOBJ1	167.9067	Before	Interior Girder 4	44.0667	0.95	1	1	10.153598
Type 3_str	BOBJ1	167.9067	Before	Interior Girder 5	44.0667	0.95	1	1	11.717697
Type 3_str	BOBJ1	167.9067	Before	Interior Girder 6	44.0667	0.95	1	1	12.658349
Type 3_str	BOBJ1	167.9067	Before	Right Exterior Girder	44.0667	0.95	1	1	20.322131
Type 3_str	BOBJ1	167.9067	After	Left Exterior Girder	44.0667	0.95	1	1	16.615245
Type 3_str	BOBJ1	167.9067	After	Interior Girder 1	44.0667	0.95	1	1	9.820398
Type 3_str	BOBJ1	167.9067	After	Interior Girder 2	44.0667	0.95	1	1	9.065558
Type 3_str	BOBJ1	167.9067	After	Interior Girder 3	44.0667	0.95	1	1	7.818505
Type 3_str	BOBJ1	167.9067	After	Interior Girder 4	44.0667	0.95	1	1	7.818505
Type 3_str	BOBJ1	167.9067	After	Interior Girder 5	44.0667	0.95	1	1	9.065558
Type 3_str	BOBJ1	167.9067	After	Interior Girder 6	44.0667	0.95	1	1	9.820398
Type 3_str	BOBJ1	167.9067	After	Right Exterior Girder	44.0667	0.95	1	1	16.615245
Type 3_str	BOBJ1	173.94	Before	Left Exterior Girder	50.1	0.95	1	1	16.410088
Type 3_str	BOBJ1	173.94	Before	Interior Girder 1	50.1	0.95	1	1	9.655321
Type 3_str	BOBJ1	173.94	Before	Interior Girder 2	50.1	0.95	1	1	8.913549
Type 3_str	BOBJ1	173.94	Before	Interior Girder 3	50.1	0.95	1	1	7.687104
Type 3_str	BOBJ1	173.94	Before	Interior Girder 4	50.1	0.95	1	1	7.687104
Type 3_str	BOBJ1	173.94	Before	Interior Girder 5	50.1	0.95	1	1	8.913549
Type 3_str	BOBJ1	173.94	Before	Interior Girder 6	50.1	0.95	1	1	9.655321
Type 3_str	BOBJ1	173.94	Before	Right Exterior Girder	50.1	0.95	1	1	16.410088
Type 3_str	BOBJ1	173.94	After	Left Exterior Girder	50.1	0.95	1	1	11.894325
Type 3_str	BOBJ1	173.94	After	Interior Girder 1	50.1	0.95	1	1	9.512709
Type 3_str	BOBJ1	173.94	After	Interior Girder 2	50.1	0.95	1	1	8.68528
Type 3_str	BOBJ1	173.94	After	Interior Girder 3	50.1	0.95	1	1	7.856394
Type 3_str	BOBJ1	173.94	After	Interior Girder 4	50.1	0.95	1	1	7.856394
Type 3_str	BOBJ1	173.94	After	Interior Girder 5	50.1	0.95	1	1	8.68528
Type 3_str	BOBJ1	173.94	After	Interior Girder 6	50.1	0.95	1	1	9.512709
Type 3_str	BOBJ1	173.94	After	Right Exterior Girder	50.1	0.95	1	1	11.894325
Type 3_str	BOBJ1	179.98	Before	Left Exterior Girder	56.14	0.95	1	1	11.741621
Type 3_str	BOBJ1	179.98	Before	Interior Girder 1	56.14	0.95	1	1	9.348666
Type 3_str	BOBJ1	179.98	Before	Interior Girder 2	56.14	0.95	1	1	8.536627
Type 3_str	BOBJ1	179.98	Before	Interior Girder 3	56.14	0.95	1	1	7.720392
Type 3_str	BOBJ1	179.98	Before	Interior Girder 4	56.14	0.95	1	1	7.720392
Type 3_str	BOBJ1	179.98	Before	Interior Girder 5	56.14	0.95	1	1	8.536627
Type 3_str	BOBJ1	179.98	Before	Interior Girder 6	56.14	0.95	1	1	9.348666
Type 3_str	BOBJ1	179.98	Before	Right Exterior Girder	56.14	0.95	1	1	11.741621
Type 3_str	BOBJ1	179.98	After	Left Exterior Girder	56.14	0.95	1	1	10.586719
Type 3_str	BOBJ1	179.98	After	Interior Girder 1	56.14	0.95	1	1	7.546345
Type 3_str	BOBJ1	179.98	After	Interior Girder 2	56.14	0.95	1	1	6.948002
Type 3_str	BOBJ1	179.98	After	Interior Girder 3	56.14	0.95	1	1	5.975807
Type 3_str	BOBJ1	179.98	After	Interior Girder 4	56.14	0.95	1	1	5.975807
Type 3_str	BOBJ1	179.98	After	Interior Girder 5	56.14	0.95	1	1	6.948002
Type 3_str	BOBJ1	179.98	After	Interior Girder 6	56.14	0.95	1	1	7.546345
Type 3_str	BOBJ1	179.98	After	Right Exterior Girder	56.14	0.95	1	1	10.586719
Type 3_str	BOBJ1	183.56	Before	Left Exterior Girder	59.72	0.95	1	1	10.503088
Type 3_str	BOBJ1	183.56	Before	Right Exterior Girder	59.72	0.95	1	1	10.503088
Type 3_str	BOBJ1	183.56	After	Left Exterior Girder	59.72	0.95	1	1	9.550928
Type 3_str	BOBJ1	183.56	After	Right Exterior Girder	59.72	0.95	1	1	9.550928
Type 3_str	BOBJ1	186.02	Before	Left Exterior Girder	62.18	0.95	1	1	9.488612
Type 3_str	BOBJ1	186.02	Before	Interior Girder 1	62.22	0.95	1	1	7.666444
Type 3_str	BOBJ1	186.02	Before	Interior Girder 2	62.22	0.95	1	1	6.826396
Type 3_str	BOBJ1	186.02	Before	Interior Girder 3	62.22	0.95	1	1	5.869659
Type 3_str	BOBJ1	186.02	Before	Interior Girder 4	62.22	0.95	1	1	5.869659

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Approach, Span 12-1									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Type 3_str	BOBJ1	186.02	Before	Interior Girder 5	62.22	0.95	1	1	6.826396
Type 3_str	BOBJ1	186.02	Before	Interior Girder 6	62.22	0.95	1	1	7.666444
Type 3_str	BOBJ1	186.02	Before	Right Exterior Girder	62.18	0.95	1	1	9.488612
Type 3_str	BOBJ1	186.02	After	Left Exterior Girder	62.18	0.95	1	1	9.672769
Type 3_str	BOBJ1	186.02	After	Interior Girder 1	62.22	0.95	1	1	6.09121
Type 3_str	BOBJ1	186.02	After	Interior Girder 2	62.22	0.95	1	1	5.619711
Type 3_str	BOBJ1	186.02	After	Interior Girder 3	62.22	0.95	1	1	4.570735
Type 3_str	BOBJ1	186.02	After	Interior Girder 4	62.22	0.95	1	1	4.570735
Type 3_str	BOBJ1	186.02	After	Interior Girder 5	62.22	0.95	1	1	5.619711
Type 3_str	BOBJ1	186.02	After	Interior Girder 6	62.22	0.95	1	1	6.09121
Type 3_str	BOBJ1	186.02	After	Right Exterior Girder	62.18	0.95	1	1	9.672769
Type 3_str	BOBJ1	192.06	Before	Left Exterior Girder	68.22	0.95	1	1	9.514098
Type 3_str	BOBJ1	192.06	Before	Interior Girder 1	68.22	0.95	1	1	5.975087
Type 3_str	BOBJ1	192.06	Before	Interior Girder 2	68.22	0.95	1	1	5.513271
Type 3_str	BOBJ1	192.06	Before	Interior Girder 3	68.22	0.95	1	1	4.482351
Type 3_str	BOBJ1	192.06	Before	Interior Girder 4	68.22	0.95	1	1	4.482351
Type 3_str	BOBJ1	192.06	Before	Interior Girder 5	68.22	0.95	1	1	5.513271
Type 3_str	BOBJ1	192.06	Before	Interior Girder 6	68.22	0.95	1	1	5.975087
Type 3_str	BOBJ1	192.06	Before	Right Exterior Girder	68.22	0.95	1	1	9.514098
Type 3_str	BOBJ1	192.06	After	Left Exterior Girder	0	0.95	1	1	9.558099
Type 3_str	BOBJ1	192.06	After	Interior Girder 1	0	0.95	1	1	6.142902
Type 3_str	BOBJ1	192.06	After	Interior Girder 2	0	0.95	1	1	5.673815
Type 3_str	BOBJ1	192.06	After	Interior Girder 3	0	0.95	1	1	4.430614
Type 3_str	BOBJ1	192.06	After	Interior Girder 4	0	0.95	1	1	4.430614
Type 3_str	BOBJ1	192.06	After	Interior Girder 5	0	0.95	1	1	5.673815
Type 3_str	BOBJ1	192.06	After	Interior Girder 6	0	0.95	1	1	6.142902
Type 3_str	BOBJ1	192.06	After	Right Exterior Girder	0	0.95	1	1	9.558099
Type 3_str	BOBJ1	197.087	Before	Interior Girder 1	5.027	0.95	1	1	6.242997
Type 3_str	BOBJ1	197.087	Before	Interior Girder 2	5.027	0.95	1	1	5.765235
Type 3_str	BOBJ1	197.087	Before	Interior Girder 3	5.027	0.95	1	1	4.504535
Type 3_str	BOBJ1	197.087	Before	Interior Girder 4	5.027	0.95	1	1	4.504535
Type 3_str	BOBJ1	197.087	Before	Interior Girder 5	5.027	0.95	1	1	5.765235
Type 3_str	BOBJ1	197.087	Before	Interior Girder 6	5.027	0.95	1	1	6.242997
Type 3_str	BOBJ1	197.087	After	Interior Girder 1	5.027	0.95	1	1	5.975201
Type 3_str	BOBJ1	197.087	After	Interior Girder 2	5.027	0.95	1	1	6.476453
Type 3_str	BOBJ1	197.087	After	Interior Girder 3	5.027	0.95	1	1	5.244453
Type 3_str	BOBJ1	197.087	After	Interior Girder 4	5.027	0.95	1	1	5.244453
Type 3_str	BOBJ1	197.087	After	Interior Girder 5	5.027	0.95	1	1	6.476453
Type 3_str	BOBJ1	197.087	After	Interior Girder 6	5.027	0.95	1	1	5.975201
Type 3_str	BOBJ1	197.91	Before	Left Exterior Girder	5.85	0.95	1	1	8.687388
Type 3_str	BOBJ1	197.91	Before	Interior Girder 1	5.85	0.95	1	1	5.990304
Type 3_str	BOBJ1	197.91	Before	Interior Girder 2	5.85	0.95	1	1	6.492306
Type 3_str	BOBJ1	197.91	Before	Interior Girder 3	5.85	0.95	1	1	5.257702
Type 3_str	BOBJ1	197.91	Before	Interior Girder 4	5.85	0.95	1	1	5.257702
Type 3_str	BOBJ1	197.91	Before	Interior Girder 5	5.85	0.95	1	1	6.492306
Type 3_str	BOBJ1	197.91	Before	Interior Girder 6	5.85	0.95	1	1	5.990304
Type 3_str	BOBJ1	197.91	Before	Right Exterior Girder	5.85	0.95	1	1	8.687388
Type 3_str	BOBJ1	197.91	After	Left Exterior Girder	5.85	0.95	1	1	9.163838
Type 3_str	BOBJ1	197.91	After	Interior Girder 1	5.85	0.95	1	1	6.033155
Type 3_str	BOBJ1	197.91	After	Interior Girder 2	5.85	0.95	1	1	6.413593
Type 3_str	BOBJ1	197.91	After	Interior Girder 3	5.85	0.95	1	1	5.402316
Type 3_str	BOBJ1	197.91	After	Interior Girder 4	5.85	0.95	1	1	5.402316
Type 3_str	BOBJ1	197.91	After	Interior Girder 5	5.85	0.95	1	1	6.413593
Type 3_str	BOBJ1	197.91	After	Interior Girder 6	5.85	0.95	1	1	6.033155
Type 3_str	BOBJ1	197.91	After	Right Exterior Girder	5.85	0.95	1	1	9.163838
Type 3_str	BOBJ1	199.1816	Before	Left Exterior Girder	7.1216	0.95	1	1	9.195762
Type 3_str	BOBJ1	199.1816	Before	Right Exterior Girder	7.1216	0.95	1	1	9.195762
Type 3_str	BOBJ1	199.1816	After	Left Exterior Girder	7.1216	0.95	1	1	10.986071
Type 3_str	BOBJ1	199.1816	After	Right Exterior Girder	7.1216	0.95	1	1	10.986071
Type 3_str	BOBJ1	203.5267	Before	Left Exterior Girder	11.3107	0.95	1	1	11.099198
Type 3_str	BOBJ1	203.5267	Before	Interior Girder 1	11.3107	0.95	1	1	7.034402
Type 3_str	BOBJ1	203.5267	Before	Interior Girder 2	11.3107	0.95	1	1	6.521045
Type 3_str	BOBJ1	203.5267	Before	Interior Girder 3	11.3107	0.95	1	1	5.493895
Type 3_str	BOBJ1	203.5267	Before	Interior Girder 4	11.3107	0.95	1	1	5.493895
Type 3_str	BOBJ1	203.5267	Before	Interior Girder 5	11.3107	0.95	1	1	6.521045

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Approach, Span 12-1									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Type 3_str	BOBJ1	203.5267	Before	Interior Girder 6	11.3107	0.95	1	1	7.034402
Type 3_str	BOBJ1	203.5267	Before	Right Exterior Girder	11.3107	0.95	1	1	11.099198
Type 3_str	BOBJ1	203.5267	After	Left Exterior Girder	11.3107	0.95	1	1	14.507199
Type 3_str	BOBJ1	203.5267	After	Interior Girder 1	11.3107	0.95	1	1	10.017394
Type 3_str	BOBJ1	203.5267	After	Interior Girder 2	11.3107	0.95	1	1	9.202146
Type 3_str	BOBJ1	203.5267	After	Interior Girder 3	11.3107	0.95	1	1	8.054617
Type 3_str	BOBJ1	203.5267	After	Interior Girder 4	11.3107	0.95	1	1	8.054617
Type 3_str	BOBJ1	203.5267	After	Interior Girder 5	11.3107	0.95	1	1	9.202146
Type 3_str	BOBJ1	203.5267	After	Interior Girder 6	11.3107	0.95	1	1	10.017394
Type 3_str	BOBJ1	203.5267	After	Right Exterior Girder	11.3107	0.95	1	1	14.507199
Type 3_str	BOBJ1	209.1433	Before	Left Exterior Girder	17.0833	0.95	1	1	14.676572
Type 3_str	BOBJ1	209.1433	Before	Interior Girder 1	17.0833	0.95	1	1	10.170953
Type 3_str	BOBJ1	209.1433	Before	Interior Girder 2	17.0833	0.95	1	1	9.342391
Type 3_str	BOBJ1	209.1433	Before	Interior Girder 3	17.0833	0.95	1	1	8.178256
Type 3_str	BOBJ1	209.1433	Before	Interior Girder 4	17.0833	0.95	1	1	8.178256
Type 3_str	BOBJ1	209.1433	Before	Interior Girder 5	17.0833	0.95	1	1	9.342391
Type 3_str	BOBJ1	209.1433	Before	Interior Girder 6	17.0833	0.95	1	1	10.170953
Type 3_str	BOBJ1	209.1433	Before	Right Exterior Girder	17.0833	0.95	1	1	14.676572
Type 3_str	BOBJ1	209.1433	After	Left Exterior Girder	17.0833	0.95	1	1	17.364545
Type 3_str	BOBJ1	209.1433	After	Interior Girder 1	17.0833	0.95	1	1	12.584971
Type 3_str	BOBJ1	209.1433	After	Interior Girder 2	17.0833	0.95	1	1	11.469618
Type 3_str	BOBJ1	209.1433	After	Interior Girder 3	17.0833	0.95	1	1	10.278778
Type 3_str	BOBJ1	209.1433	After	Interior Girder 4	17.0833	0.95	1	1	10.278778
Type 3_str	BOBJ1	209.1433	After	Interior Girder 5	17.0833	0.95	1	1	11.469618
Type 3_str	BOBJ1	209.1433	After	Interior Girder 6	17.0833	0.95	1	1	12.584971
Type 3_str	BOBJ1	209.1433	After	Right Exterior Girder	17.0833	0.95	1	1	17.364545
Type 3_str	BOBJ1	214.76	Before	Left Exterior Girder	22.7	0.95	1	1	17.560892
Type 3_str	BOBJ1	214.76	Before	Interior Girder 1	22.7	0.95	1	1	12.774191
Type 3_str	BOBJ1	214.76	Before	Interior Girder 2	22.7	0.95	1	1	11.641015
Type 3_str	BOBJ1	214.76	Before	Interior Girder 3	22.7	0.95	1	1	10.433233
Type 3_str	BOBJ1	214.76	Before	Interior Girder 4	22.7	0.95	1	1	10.433233
Type 3_str	BOBJ1	214.76	Before	Interior Girder 5	22.7	0.95	1	1	11.641015
Type 3_str	BOBJ1	214.76	Before	Interior Girder 6	22.7	0.95	1	1	12.774191
Type 3_str	BOBJ1	214.76	Before	Right Exterior Girder	22.7	0.95	1	1	17.560892
Type 3_str	BOBJ1	214.76	After	Left Exterior Girder	22.7	0.95	1	1	25.915771
Type 3_str	BOBJ1	214.76	After	Interior Girder 1	22.7	0.95	1	1	13.080744
Type 3_str	BOBJ1	214.76	After	Interior Girder 2	22.7	0.95	1	1	11.680122
Type 3_str	BOBJ1	214.76	After	Interior Girder 3	22.7	0.95	1	1	9.869336
Type 3_str	BOBJ1	214.76	After	Interior Girder 4	22.7	0.95	1	1	9.869336
Type 3_str	BOBJ1	214.76	After	Interior Girder 5	22.7	0.95	1	1	11.680122
Type 3_str	BOBJ1	214.76	After	Interior Girder 6	22.7	0.95	1	1	13.080744
Type 3_str	BOBJ1	214.76	After	Right Exterior Girder	22.7	0.95	1	1	25.915771
Type 3_str	BOBJ1	220.3767	Before	Left Exterior Girder	28.3167	0.95	1	1	26.200478
Type 3_str	BOBJ1	220.3767	Before	Interior Girder 1	28.3167	0.95	1	1	13.272878
Type 3_str	BOBJ1	220.3767	Before	Interior Girder 2	28.3167	0.95	1	1	11.85153
Type 3_str	BOBJ1	220.3767	Before	Interior Girder 3	28.3167	0.95	1	1	10.014286
Type 3_str	BOBJ1	220.3767	Before	Interior Girder 4	28.3167	0.95	1	1	10.014286
Type 3_str	BOBJ1	220.3767	Before	Interior Girder 5	28.3167	0.95	1	1	11.85153
Type 3_str	BOBJ1	220.3767	Before	Interior Girder 6	28.3167	0.95	1	1	13.272878
Type 3_str	BOBJ1	220.3767	Before	Right Exterior Girder	28.3167	0.95	1	1	26.200478
Type 3_str	BOBJ1	220.3767	After	Left Exterior Girder	28.3167	0.95	1	1	35.677847
Type 3_str	BOBJ1	220.3767	After	Interior Girder 1	28.3167	0.95	1	1	18.084786
Type 3_str	BOBJ1	220.3767	After	Interior Girder 2	28.3167	0.95	1	1	15.97608
Type 3_str	BOBJ1	220.3767	After	Interior Girder 3	28.3167	0.95	1	1	13.329621
Type 3_str	BOBJ1	220.3767	After	Interior Girder 4	28.3167	0.95	1	1	13.329621
Type 3_str	BOBJ1	220.3767	After	Interior Girder 5	28.3167	0.95	1	1	15.97608
Type 3_str	BOBJ1	220.3767	After	Interior Girder 6	28.3167	0.95	1	1	18.084786
Type 3_str	BOBJ1	220.3767	After	Right Exterior Girder	28.3167	0.95	1	1	35.677847
Type 3_str	BOBJ1	225.9933	Before	Left Exterior Girder	33.9333	0.95	1	1	36.058272
Type 3_str	BOBJ1	225.9933	Before	Interior Girder 1	33.9333	0.95	1	1	18.345437
Type 3_str	BOBJ1	225.9933	Before	Interior Girder 2	33.9333	0.95	1	1	16.206061
Type 3_str	BOBJ1	225.9933	Before	Interior Girder 3	33.9333	0.95	1	1	13.521517
Type 3_str	BOBJ1	225.9933	Before	Interior Girder 4	33.9333	0.95	1	1	13.521517
Type 3_str	BOBJ1	225.9933	Before	Interior Girder 5	33.9333	0.95	1	1	16.206061
Type 3_str	BOBJ1	225.9933	Before	Interior Girder 6	33.9333	0.95	1	1	18.345437

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Approach, Span 12-1									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Type 3_str	BOBJ1	225.9933	Before	Right Exterior Girder	33.9333	0.95	1	1	36.058272
Type 3_str	BOBJ1	225.9933	After	Left Exterior Girder	33.9333	0.95	1	1	31.742647
Type 3_str	BOBJ1	225.9933	After	Interior Girder 1	33.9333	0.95	1	1	15.279765
Type 3_str	BOBJ1	225.9933	After	Interior Girder 2	33.9333	0.95	1	1	13.562333
Type 3_str	BOBJ1	225.9933	After	Interior Girder 3	33.9333	0.95	1	1	11.514213
Type 3_str	BOBJ1	225.9933	After	Interior Girder 4	33.9333	0.95	1	1	11.514213
Type 3_str	BOBJ1	225.9933	After	Interior Girder 5	33.9333	0.95	1	1	13.562333
Type 3_str	BOBJ1	225.9933	After	Interior Girder 6	33.9333	0.95	1	1	15.279765
Type 3_str	BOBJ1	225.9933	After	Right Exterior Girder	33.9333	0.95	1	1	31.742647
Type 3_str	BOBJ1	231.61	Before	Left Exterior Girder	39.55	0.95	1	1	31.411772
Type 3_str	BOBJ1	231.61	Before	Interior Girder 1	39.55	0.95	1	1	15.06463
Type 3_str	BOBJ1	231.61	Before	Interior Girder 2	39.55	0.95	1	1	13.371123
Type 3_str	BOBJ1	231.61	Before	Interior Girder 3	39.55	0.95	1	1	11.351801
Type 3_str	BOBJ1	231.61	Before	Interior Girder 4	39.55	0.95	1	1	11.351801
Type 3_str	BOBJ1	231.61	Before	Interior Girder 5	39.55	0.95	1	1	13.371123
Type 3_str	BOBJ1	231.61	Before	Interior Girder 6	39.55	0.95	1	1	15.06463
Type 3_str	BOBJ1	231.61	Before	Right Exterior Girder	39.55	0.95	1	1	31.411772
Type 3_str	BOBJ1	231.61	After	Left Exterior Girder	39.55	0.95	1	1	20.507589
Type 3_str	BOBJ1	231.61	After	Interior Girder 1	39.55	0.95	1	1	14.690847
Type 3_str	BOBJ1	231.61	After	Interior Girder 2	39.55	0.95	1	1	13.30738
Type 3_str	BOBJ1	231.61	After	Interior Girder 3	39.55	0.95	1	1	12.286103
Type 3_str	BOBJ1	231.61	After	Interior Girder 4	39.55	0.95	1	1	12.286103
Type 3_str	BOBJ1	231.61	After	Interior Girder 5	39.55	0.95	1	1	13.30738
Type 3_str	BOBJ1	231.61	After	Interior Girder 6	39.55	0.95	1	1	14.690847
Type 3_str	BOBJ1	231.61	After	Right Exterior Girder	39.55	0.95	1	1	20.507589
Type 3_str	BOBJ1	237.37	Before	Left Exterior Girder	45.31	0.95	1	1	20.28254
Type 3_str	BOBJ1	237.37	Before	Interior Girder 1	45.31	0.95	1	1	14.47352
Type 3_str	BOBJ1	237.37	Before	Interior Girder 2	45.31	0.95	1	1	13.111456
Type 3_str	BOBJ1	237.37	Before	Interior Girder 3	45.31	0.95	1	1	12.10463
Type 3_str	BOBJ1	237.37	Before	Interior Girder 4	45.31	0.95	1	1	12.10463
Type 3_str	BOBJ1	237.37	Before	Interior Girder 5	45.31	0.95	1	1	13.111456
Type 3_str	BOBJ1	237.37	Before	Interior Girder 6	45.31	0.95	1	1	14.47352
Type 3_str	BOBJ1	237.37	Before	Right Exterior Girder	45.31	0.95	1	1	20.28254
Type 3_str	BOBJ1	237.37	After	Left Exterior Girder	45.31	0.95	1	1	16.578405
Type 3_str	BOBJ1	237.37	After	Interior Girder 1	45.31	0.95	1	1	11.168324
Type 3_str	BOBJ1	237.37	After	Interior Girder 2	45.31	0.95	1	1	10.207269
Type 3_str	BOBJ1	237.37	After	Interior Girder 3	45.31	0.95	1	1	9.16463
Type 3_str	BOBJ1	237.37	After	Interior Girder 4	45.31	0.95	1	1	9.16463
Type 3_str	BOBJ1	237.37	After	Interior Girder 5	45.31	0.95	1	1	10.207269
Type 3_str	BOBJ1	237.37	After	Interior Girder 6	45.31	0.95	1	1	11.168324
Type 3_str	BOBJ1	237.37	After	Right Exterior Girder	45.31	0.95	1	1	16.578405
Type 3_str	BOBJ1	243.13	Before	Left Exterior Girder	51.07	0.95	1	1	16.390881
Type 3_str	BOBJ1	243.13	Before	Interior Girder 1	51.07	0.95	1	1	10.999792
Type 3_str	BOBJ1	243.13	Before	Interior Girder 2	51.07	0.95	1	1	10.053999
Type 3_str	BOBJ1	243.13	Before	Interior Girder 3	51.07	0.95	1	1	9.026455
Type 3_str	BOBJ1	243.13	Before	Interior Girder 4	51.07	0.95	1	1	9.026455
Type 3_str	BOBJ1	243.13	Before	Interior Girder 5	51.07	0.95	1	1	10.053999
Type 3_str	BOBJ1	243.13	Before	Interior Girder 6	51.07	0.95	1	1	10.999792
Type 3_str	BOBJ1	243.13	Before	Right Exterior Girder	51.07	0.95	1	1	16.390881
Type 3_str	BOBJ1	243.13	After	Left Exterior Girder	51.07	0.95	1	1	14.383961
Type 3_str	BOBJ1	243.13	After	Interior Girder 1	51.07	0.95	1	1	8.431992
Type 3_str	BOBJ1	243.13	After	Interior Girder 2	51.07	0.95	1	1	7.798537
Type 3_str	BOBJ1	243.13	After	Interior Girder 3	51.07	0.95	1	1	6.652875
Type 3_str	BOBJ1	243.13	After	Interior Girder 4	51.07	0.95	1	1	6.652875
Type 3_str	BOBJ1	243.13	After	Interior Girder 5	51.07	0.95	1	1	7.798537
Type 3_str	BOBJ1	243.13	After	Interior Girder 6	51.07	0.95	1	1	8.431992
Type 3_str	BOBJ1	243.13	After	Right Exterior Girder	51.07	0.95	1	1	14.383961
Type 3_str	BOBJ1	248.89	Before	Left Exterior Girder	56.83	0.95	1	1	14.215789
Type 3_str	BOBJ1	248.89	Before	Interior Girder 1	56.83	0.95	1	1	8.302459
Type 3_str	BOBJ1	248.89	Before	Interior Girder 2	56.83	0.95	1	1	7.679012
Type 3_str	BOBJ1	248.89	Before	Interior Girder 3	56.83	0.95	1	1	6.550421
Type 3_str	BOBJ1	248.89	Before	Interior Girder 4	56.83	0.95	1	1	6.550421
Type 3_str	BOBJ1	248.89	Before	Interior Girder 5	56.83	0.95	1	1	7.679012
Type 3_str	BOBJ1	248.89	Before	Interior Girder 6	56.83	0.95	1	1	8.302459
Type 3_str	BOBJ1	248.89	Before	Right Exterior Girder	56.83	0.95	1	1	14.215789

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Approach, Span 12-1									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Type 3S2_str	BOBJ1	0	After	Left Exterior Girder	0	0.95	1	1	13.265903
Type 3S2_str	BOBJ1	0	After	Interior Girder 1	0	0.95	1	1	9.548255
Type 3S2_str	BOBJ1	0	After	Interior Girder 2	0	0.95	1	1	8.743805
Type 3S2_str	BOBJ1	0	After	Interior Girder 3	0	0.95	1	1	7.737623
Type 3S2_str	BOBJ1	0	After	Interior Girder 4	0	0.95	1	1	7.737623
Type 3S2_str	BOBJ1	0	After	Interior Girder 5	0	0.95	1	1	8.743805
Type 3S2_str	BOBJ1	0	After	Interior Girder 6	0	0.95	1	1	9.548255
Type 3S2_str	BOBJ1	0	After	Right Exterior Girder	0	0.95	1	1	13.265903
Type 3S2_str	BOBJ1	5.85	Before	Left Exterior Girder	5.85	0.95	1	1	13.412253
Type 3S2_str	BOBJ1	5.85	Before	Interior Girder 1	5.85	0.95	1	1	9.689948
Type 3S2_str	BOBJ1	5.85	Before	Interior Girder 2	5.85	0.95	1	1	8.872737
Type 3S2_str	BOBJ1	5.85	Before	Interior Girder 3	5.85	0.95	1	1	7.852548
Type 3S2_str	BOBJ1	5.85	Before	Interior Girder 4	5.85	0.95	1	1	7.852548
Type 3S2_str	BOBJ1	5.85	Before	Interior Girder 5	5.85	0.95	1	1	8.872737
Type 3S2_str	BOBJ1	5.85	Before	Interior Girder 6	5.85	0.95	1	1	9.689948
Type 3S2_str	BOBJ1	5.85	Before	Right Exterior Girder	5.85	0.95	1	1	13.412253
Type 3S2_str	BOBJ1	5.85	After	Left Exterior Girder	5.85	0.95	1	1	18.037743
Type 3S2_str	BOBJ1	5.85	After	Interior Girder 1	5.85	0.95	1	1	11.498691
Type 3S2_str	BOBJ1	5.85	After	Interior Girder 2	5.85	0.95	1	1	10.617945
Type 3S2_str	BOBJ1	5.85	After	Interior Girder 3	5.85	0.95	1	1	9.451411
Type 3S2_str	BOBJ1	5.85	After	Interior Girder 4	5.85	0.95	1	1	9.451411
Type 3S2_str	BOBJ1	5.85	After	Interior Girder 5	5.85	0.95	1	1	10.617945
Type 3S2_str	BOBJ1	5.85	After	Interior Girder 6	5.85	0.95	1	1	11.498691
Type 3S2_str	BOBJ1	5.85	After	Right Exterior Girder	5.85	0.95	1	1	18.037743
Type 3S2_str	BOBJ1	11.4667	Before	Left Exterior Girder	11.4667	0.95	1	1	18.22296
Type 3S2_str	BOBJ1	11.4667	Before	Interior Girder 1	11.4667	0.95	1	1	11.659058
Type 3S2_str	BOBJ1	11.4667	Before	Interior Girder 2	11.4667	0.95	1	1	10.765695
Type 3S2_str	BOBJ1	11.4667	Before	Interior Girder 3	11.4667	0.95	1	1	9.583132
Type 3S2_str	BOBJ1	11.4667	Before	Interior Girder 4	11.4667	0.95	1	1	9.583132
Type 3S2_str	BOBJ1	11.4667	Before	Interior Girder 5	11.4667	0.95	1	1	10.765695
Type 3S2_str	BOBJ1	11.4667	Before	Interior Girder 6	11.4667	0.95	1	1	11.659058
Type 3S2_str	BOBJ1	11.4667	Before	Right Exterior Girder	11.4667	0.95	1	1	18.22296
Type 3S2_str	BOBJ1	11.4667	After	Left Exterior Girder	11.4667	0.95	1	1	23.000501
Type 3S2_str	BOBJ1	11.4667	After	Interior Girder 1	11.4667	0.95	1	1	15.576398
Type 3S2_str	BOBJ1	11.4667	After	Interior Girder 2	11.4667	0.95	1	1	14.119469
Type 3S2_str	BOBJ1	11.4667	After	Interior Girder 3	11.4667	0.95	1	1	12.837038
Type 3S2_str	BOBJ1	11.4667	After	Interior Girder 4	11.4667	0.95	1	1	12.837038
Type 3S2_str	BOBJ1	11.4667	After	Interior Girder 5	11.4667	0.95	1	1	14.119469
Type 3S2_str	BOBJ1	11.4667	After	Interior Girder 6	11.4667	0.95	1	1	15.576398
Type 3S2_str	BOBJ1	11.4667	After	Right Exterior Girder	11.4667	0.95	1	1	23.000501
Type 3S2_str	BOBJ1	17.0833	Before	Left Exterior Girder	17.0833	0.95	1	1	23.229934
Type 3S2_str	BOBJ1	17.0833	Before	Interior Girder 1	17.0833	0.95	1	1	15.789744
Type 3S2_str	BOBJ1	17.0833	Before	Interior Girder 2	17.0833	0.95	1	1	14.312357
Type 3S2_str	BOBJ1	17.0833	Before	Interior Girder 3	17.0833	0.95	1	1	13.012543
Type 3S2_str	BOBJ1	17.0833	Before	Interior Girder 4	17.0833	0.95	1	1	13.012543
Type 3S2_str	BOBJ1	17.0833	Before	Interior Girder 5	17.0833	0.95	1	1	14.312357
Type 3S2_str	BOBJ1	17.0833	Before	Interior Girder 6	17.0833	0.95	1	1	15.789744
Type 3S2_str	BOBJ1	17.0833	Before	Right Exterior Girder	17.0833	0.95	1	1	23.229934
Type 3S2_str	BOBJ1	17.0833	After	Left Exterior Girder	17.0833	0.95	1	1	29.537598
Type 3S2_str	BOBJ1	17.0833	After	Interior Girder 1	17.0833	0.95	1	1	20.754924
Type 3S2_str	BOBJ1	17.0833	After	Interior Girder 2	17.0833	0.95	1	1	18.786102
Type 3S2_str	BOBJ1	17.0833	After	Interior Girder 3	17.0833	0.95	1	1	15.75267
Type 3S2_str	BOBJ1	17.0833	After	Interior Girder 4	17.0833	0.95	1	1	15.75267
Type 3S2_str	BOBJ1	17.0833	After	Interior Girder 5	17.0833	0.95	1	1	18.786102
Type 3S2_str	BOBJ1	17.0833	After	Interior Girder 6	17.0833	0.95	1	1	20.754924
Type 3S2_str	BOBJ1	17.0833	After	Right Exterior Girder	17.0833	0.95	1	1	29.537598
Type 3S2_str	BOBJ1	22.7	Before	Left Exterior Girder	22.7	0.95	1	1	29.824185
Type 3S2_str	BOBJ1	22.7	Before	Interior Girder 1	22.7	0.95	1	1	21.034065
Type 3S2_str	BOBJ1	22.7	Before	Interior Girder 2	22.7	0.95	1	1	18.834667
Type 3S2_str	BOBJ1	22.7	Before	Interior Girder 3	22.7	0.95	1	1	15.546469
Type 3S2_str	BOBJ1	22.7	Before	Interior Girder 4	22.7	0.95	1	1	15.546469
Type 3S2_str	BOBJ1	22.7	Before	Interior Girder 5	22.7	0.95	1	1	18.834667
Type 3S2_str	BOBJ1	22.7	Before	Interior Girder 6	22.7	0.95	1	1	21.034065
Type 3S2_str	BOBJ1	22.7	Before	Right Exterior Girder	22.7	0.95	1	1	29.824185
Type 3S2_str	BOBJ1	22.7	After	Left Exterior Girder	22.7	0.95	1	1	36.310932

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Approach, Span 12-1									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Type 3S2_str	BOBJ1	22.7	After	Interior Girder 1	22.7	0.95	1	1	20.418727
Type 3S2_str	BOBJ1	22.7	After	Interior Girder 2	22.7	0.95	1	1	17.734482
Type 3S2_str	BOBJ1	22.7	After	Interior Girder 3	22.7	0.95	1	1	14.899311
Type 3S2_str	BOBJ1	22.7	After	Interior Girder 4	22.7	0.95	1	1	14.899311
Type 3S2_str	BOBJ1	22.7	After	Interior Girder 5	22.7	0.95	1	1	17.734482
Type 3S2_str	BOBJ1	22.7	After	Interior Girder 6	22.7	0.95	1	1	20.418727
Type 3S2_str	BOBJ1	22.7	After	Right Exterior Girder	22.7	0.95	1	1	36.310932
Type 3S2_str	BOBJ1	28.3167	Before	Left Exterior Girder	28.3167	0.95	1	1	35.956453
Type 3S2_str	BOBJ1	28.3167	Before	Interior Girder 1	28.3167	0.95	1	1	20.686757
Type 3S2_str	BOBJ1	28.3167	Before	Interior Girder 2	28.3167	0.95	1	1	17.968141
Type 3S2_str	BOBJ1	28.3167	Before	Interior Girder 3	28.3167	0.95	1	1	15.09549
Type 3S2_str	BOBJ1	28.3167	Before	Interior Girder 4	28.3167	0.95	1	1	15.09549
Type 3S2_str	BOBJ1	28.3167	Before	Interior Girder 5	28.3167	0.95	1	1	17.968141
Type 3S2_str	BOBJ1	28.3167	Before	Interior Girder 6	28.3167	0.95	1	1	20.686757
Type 3S2_str	BOBJ1	28.3167	Before	Right Exterior Girder	28.3167	0.95	1	1	35.956453
Type 3S2_str	BOBJ1	28.3167	After	Left Exterior Girder	28.3167	0.95	1	1	27.14273
Type 3S2_str	BOBJ1	28.3167	After	Interior Girder 1	28.3167	0.95	1	1	16.234112
Type 3S2_str	BOBJ1	28.3167	After	Interior Girder 2	28.3167	0.95	1	1	14.770087
Type 3S2_str	BOBJ1	28.3167	After	Interior Girder 3	28.3167	0.95	1	1	12.605332
Type 3S2_str	BOBJ1	28.3167	After	Interior Girder 4	28.3167	0.95	1	1	12.605332
Type 3S2_str	BOBJ1	28.3167	After	Interior Girder 5	28.3167	0.95	1	1	14.770087
Type 3S2_str	BOBJ1	28.3167	After	Interior Girder 6	28.3167	0.95	1	1	16.234112
Type 3S2_str	BOBJ1	28.3167	After	Right Exterior Girder	28.3167	0.95	1	1	27.14273
Type 3S2_str	BOBJ1	33.9333	Before	Left Exterior Girder	33.9333	0.95	1	1	26.870226
Type 3S2_str	BOBJ1	33.9333	Before	Interior Girder 1	33.9333	0.95	1	1	16.012939
Type 3S2_str	BOBJ1	33.9333	Before	Interior Girder 2	33.9333	0.95	1	1	14.569587
Type 3S2_str	BOBJ1	33.9333	Before	Interior Girder 3	33.9333	0.95	1	1	12.434031
Type 3S2_str	BOBJ1	33.9333	Before	Interior Girder 4	33.9333	0.95	1	1	12.434031
Type 3S2_str	BOBJ1	33.9333	Before	Interior Girder 5	33.9333	0.95	1	1	14.569587
Type 3S2_str	BOBJ1	33.9333	Before	Interior Girder 6	33.9333	0.95	1	1	16.012939
Type 3S2_str	BOBJ1	33.9333	Before	Right Exterior Girder	33.9333	0.95	1	1	26.870226
Type 3S2_str	BOBJ1	33.9333	After	Left Exterior Girder	33.9333	0.95	1	1	21.724473
Type 3S2_str	BOBJ1	33.9333	After	Interior Girder 1	33.9333	0.95	1	1	12.506753
Type 3S2_str	BOBJ1	33.9333	After	Interior Girder 2	33.9333	0.95	1	1	11.397697
Type 3S2_str	BOBJ1	33.9333	After	Interior Girder 3	33.9333	0.95	1	1	9.715406
Type 3S2_str	BOBJ1	33.9333	After	Interior Girder 4	33.9333	0.95	1	1	9.715406
Type 3S2_str	BOBJ1	33.9333	After	Interior Girder 5	33.9333	0.95	1	1	11.397697
Type 3S2_str	BOBJ1	33.9333	After	Interior Girder 6	33.9333	0.95	1	1	12.506753
Type 3S2_str	BOBJ1	33.9333	After	Right Exterior Girder	33.9333	0.95	1	1	21.724473
Type 3S2_str	BOBJ1	39.55	Before	Left Exterior Girder	39.55	0.95	1	1	21.499876
Type 3S2_str	BOBJ1	39.55	Before	Interior Girder 1	39.55	0.95	1	1	12.333312
Type 3S2_str	BOBJ1	39.55	Before	Interior Girder 2	39.55	0.95	1	1	11.240136
Type 3S2_str	BOBJ1	39.55	Before	Interior Girder 3	39.55	0.95	1	1	9.58081
Type 3S2_str	BOBJ1	39.55	Before	Interior Girder 4	39.55	0.95	1	1	9.58081
Type 3S2_str	BOBJ1	39.55	Before	Interior Girder 5	39.55	0.95	1	1	11.240136
Type 3S2_str	BOBJ1	39.55	Before	Interior Girder 6	39.55	0.95	1	1	12.333312
Type 3S2_str	BOBJ1	39.55	Before	Right Exterior Girder	39.55	0.95	1	1	21.499876
Type 3S2_str	BOBJ1	39.55	After	Left Exterior Girder	39.55	0.95	1	1	14.52492
Type 3S2_str	BOBJ1	39.55	After	Interior Girder 1	39.55	0.95	1	1	11.423707
Type 3S2_str	BOBJ1	39.55	After	Interior Girder 2	39.55	0.95	1	1	10.318419
Type 3S2_str	BOBJ1	39.55	After	Interior Girder 3	39.55	0.95	1	1	9.176959
Type 3S2_str	BOBJ1	39.55	After	Interior Girder 4	39.55	0.95	1	1	9.176959
Type 3S2_str	BOBJ1	39.55	After	Interior Girder 5	39.55	0.95	1	1	10.318419
Type 3S2_str	BOBJ1	39.55	After	Interior Girder 6	39.55	0.95	1	1	11.423707
Type 3S2_str	BOBJ1	39.55	After	Right Exterior Girder	39.55	0.95	1	1	14.52492
Type 3S2_str	BOBJ1	45.1733	Before	Left Exterior Girder	45.1226	0.95	1	1	14.369966
Type 3S2_str	BOBJ1	45.1733	Before	Interior Girder 1	45.1226	0.95	1	1	11.261882
Type 3S2_str	BOBJ1	45.1733	Before	Interior Girder 2	45.1226	0.95	1	1	10.173341
Type 3S2_str	BOBJ1	45.1733	Before	Interior Girder 3	45.1226	0.95	1	1	9.04664
Type 3S2_str	BOBJ1	45.1733	Before	Interior Girder 4	45.1226	0.95	1	1	9.04664
Type 3S2_str	BOBJ1	45.1733	Before	Interior Girder 5	45.1226	0.95	1	1	10.173341
Type 3S2_str	BOBJ1	45.1733	Before	Interior Girder 6	45.1226	0.95	1	1	11.261882
Type 3S2_str	BOBJ1	45.1733	Before	Right Exterior Girder	45.1226	0.95	1	1	14.369966
Type 3S2_str	BOBJ1	45.1733	After	Left Exterior Girder	45.1226	0.95	1	1	9.975388
Type 3S2_str	BOBJ1	45.1733	After	Interior Girder 1	45.1226	0.95	1	1	7.467807

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Approach, Span 12-1									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Type 3S2_str	BOBJ1	45.1733	After	Interior Girder 2	45.1226	0.95	1	1	6.887396
Type 3S2_str	BOBJ1	45.1733	After	Interior Girder 3	45.1226	0.95	1	1	5.928397
Type 3S2_str	BOBJ1	45.1733	After	Interior Girder 4	45.1226	0.95	1	1	5.928397
Type 3S2_str	BOBJ1	45.1733	After	Interior Girder 5	45.1226	0.95	1	1	6.887396
Type 3S2_str	BOBJ1	45.1733	After	Interior Girder 6	45.1226	0.95	1	1	7.467807
Type 3S2_str	BOBJ1	45.1733	After	Right Exterior Girder	45.1226	0.95	1	1	9.975388
Type 3S2_str	BOBJ1	49.2561	Before	Left Exterior Girder	49.2561	0.95	1	1	9.883122
Type 3S2_str	BOBJ1	49.2561	Before	Right Exterior Girder	49.2561	0.95	1	1	9.883122
Type 3S2_str	BOBJ1	49.2561	After	Left Exterior Girder	49.2561	0.95	1	1	8.612412
Type 3S2_str	BOBJ1	49.2561	After	Right Exterior Girder	49.2561	0.95	1	1	8.612412
Type 3S2_str	BOBJ1	50.7967	Before	Left Exterior Girder	50.7967	0.95	1	1	8.578493
Type 3S2_str	BOBJ1	50.7967	Before	Interior Girder 1	50.7967	0.95	1	1	6.119155
Type 3S2_str	BOBJ1	50.7967	Before	Interior Girder 2	50.7967	0.95	1	1	6.774164
Type 3S2_str	BOBJ1	50.7967	Before	Interior Girder 3	50.7967	0.95	1	1	5.829441
Type 3S2_str	BOBJ1	50.7967	Before	Interior Girder 4	50.7967	0.95	1	1	5.829441
Type 3S2_str	BOBJ1	50.7967	Before	Interior Girder 5	50.7967	0.95	1	1	6.774164
Type 3S2_str	BOBJ1	50.7967	Before	Interior Girder 6	50.7967	0.95	1	1	6.119155
Type 3S2_str	BOBJ1	50.7967	Before	Right Exterior Girder	50.7967	0.95	1	1	8.578493
Type 3S2_str	BOBJ1	50.7967	After	Left Exterior Girder	50.7967	0.95	1	1	8.255243
Type 3S2_str	BOBJ1	50.7967	After	Interior Girder 1	50.7967	0.95	1	1	4.962448
Type 3S2_str	BOBJ1	50.7967	After	Interior Girder 2	50.7967	0.95	1	1	5.200888
Type 3S2_str	BOBJ1	50.7967	After	Interior Girder 3	50.7967	0.95	1	1	4.2137
Type 3S2_str	BOBJ1	50.7967	After	Interior Girder 4	50.7967	0.95	1	1	4.2137
Type 3S2_str	BOBJ1	50.7967	After	Interior Girder 5	50.7967	0.95	1	1	5.200888
Type 3S2_str	BOBJ1	50.7967	After	Interior Girder 6	50.7967	0.95	1	1	4.962448
Type 3S2_str	BOBJ1	50.7967	After	Right Exterior Girder	50.7967	0.95	1	1	8.255243
Type 3S2_str	BOBJ1	51.3989	Before	Interior Girder 1	51.3989	0.95	1	1	4.95325
Type 3S2_str	BOBJ1	51.3989	Before	Interior Girder 2	51.3989	0.95	1	1	5.191557
Type 3S2_str	BOBJ1	51.3989	Before	Interior Girder 3	51.3989	0.95	1	1	4.205992
Type 3S2_str	BOBJ1	51.3989	Before	Interior Girder 4	51.3989	0.95	1	1	4.205992
Type 3S2_str	BOBJ1	51.3989	Before	Interior Girder 5	51.3989	0.95	1	1	5.191557
Type 3S2_str	BOBJ1	51.3989	Before	Interior Girder 6	51.3989	0.95	1	1	4.95325
Type 3S2_str	BOBJ1	51.3989	After	Interior Girder 1	51.3989	0.95	1	1	5.786056
Type 3S2_str	BOBJ1	51.3989	After	Interior Girder 2	51.3989	0.95	1	1	5.45815
Type 3S2_str	BOBJ1	51.3989	After	Interior Girder 3	51.3989	0.95	1	1	4.489735
Type 3S2_str	BOBJ1	51.3989	After	Interior Girder 4	51.3989	0.95	1	1	4.489735
Type 3S2_str	BOBJ1	51.3989	After	Interior Girder 5	51.3989	0.95	1	1	5.45815
Type 3S2_str	BOBJ1	51.3989	After	Interior Girder 6	51.3989	0.95	1	1	5.786056
Type 3S2_str	BOBJ1	56.42	Before	Left Exterior Girder	56.42	0.95	1	1	8.351215
Type 3S2_str	BOBJ1	56.42	Before	Interior Girder 1	56.42	0.95	1	1	5.694197
Type 3S2_str	BOBJ1	56.42	Before	Interior Girder 2	56.42	0.95	1	1	5.372203
Type 3S2_str	BOBJ1	56.42	Before	Interior Girder 3	56.42	0.95	1	1	4.417519
Type 3S2_str	BOBJ1	56.42	Before	Interior Girder 4	56.42	0.95	1	1	4.417519
Type 3S2_str	BOBJ1	56.42	Before	Interior Girder 5	56.42	0.95	1	1	5.372203
Type 3S2_str	BOBJ1	56.42	Before	Interior Girder 6	56.42	0.95	1	1	5.694197
Type 3S2_str	BOBJ1	56.42	Before	Right Exterior Girder	56.42	0.95	1	1	8.351215
Type 3S2_str	BOBJ1	56.42	After	Left Exterior Girder	0	0.95	1	1	8.07978
Type 3S2_str	BOBJ1	56.42	After	Interior Girder 1	0	0.95	1	1	5.735704
Type 3S2_str	BOBJ1	56.42	After	Interior Girder 2	0	0.95	1	1	5.381053
Type 3S2_str	BOBJ1	56.42	After	Interior Girder 3	0	0.95	1	1	4.475643
Type 3S2_str	BOBJ1	56.42	After	Interior Girder 4	0	0.95	1	1	4.475643
Type 3S2_str	BOBJ1	56.42	After	Interior Girder 5	0	0.95	1	1	5.381053
Type 3S2_str	BOBJ1	56.42	After	Interior Girder 6	0	0.95	1	1	5.735704
Type 3S2_str	BOBJ1	56.42	After	Right Exterior Girder	0	0.95	1	1	8.07978
Type 3S2_str	BOBJ1	62.0367	Before	Left Exterior Girder	5.6167	0.95	1	1	8.202662
Type 3S2_str	BOBJ1	62.0367	Before	Interior Girder 1	5.6167	0.95	1	1	5.838216
Type 3S2_str	BOBJ1	62.0367	Before	Interior Girder 2	5.6167	0.95	1	1	5.476519
Type 3S2_str	BOBJ1	62.0367	Before	Interior Girder 3	5.6167	0.95	1	1	4.556788
Type 3S2_str	BOBJ1	62.0367	Before	Interior Girder 4	5.6167	0.95	1	1	4.556788
Type 3S2_str	BOBJ1	62.0367	Before	Interior Girder 5	5.6167	0.95	1	1	5.476519
Type 3S2_str	BOBJ1	62.0367	Before	Interior Girder 6	5.6167	0.95	1	1	5.838216
Type 3S2_str	BOBJ1	62.0367	Before	Right Exterior Girder	5.6167	0.95	1	1	8.202662
Type 3S2_str	BOBJ1	62.0367	After	Left Exterior Girder	5.6167	0.95	1	1	12.655961
Type 3S2_str	BOBJ1	62.0367	After	Interior Girder 1	5.6167	0.95	1	1	5.600515
Type 3S2_str	BOBJ1	62.0367	After	Interior Girder 2	5.6167	0.95	1	1	6.289093

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Approach, Span 12-1									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Type 3S2_str	BOBJ1	62.0367	After	Interior Girder 3	5.6167	0.95	1	1	5.37976
Type 3S2_str	BOBJ1	62.0367	After	Interior Girder 4	5.6167	0.95	1	1	5.37976
Type 3S2_str	BOBJ1	62.0367	After	Interior Girder 5	5.6167	0.95	1	1	6.289093
Type 3S2_str	BOBJ1	62.0367	After	Interior Girder 6	5.6167	0.95	1	1	5.600515
Type 3S2_str	BOBJ1	62.0367	After	Right Exterior Girder	5.6167	0.95	1	1	12.655961
Type 3S2_str	BOBJ1	62.4203	Before	Interior Girder 1	6.0003	0.95	1	1	5.607372
Type 3S2_str	BOBJ1	62.4203	Before	Interior Girder 2	6.0003	0.95	1	1	6.296567
Type 3S2_str	BOBJ1	62.4203	Before	Interior Girder 3	6.0003	0.95	1	1	5.38628
Type 3S2_str	BOBJ1	62.4203	Before	Interior Girder 4	6.0003	0.95	1	1	5.38628
Type 3S2_str	BOBJ1	62.4203	Before	Interior Girder 5	6.0003	0.95	1	1	6.296567
Type 3S2_str	BOBJ1	62.4203	Before	Interior Girder 6	6.0003	0.95	1	1	5.607372
Type 3S2_str	BOBJ1	62.4203	After	Interior Girder 1	6.0003	0.95	1	1	5.629904
Type 3S2_str	BOBJ1	62.4203	After	Interior Girder 2	6.0003	0.95	1	1	6.690517
Type 3S2_str	BOBJ1	62.4203	After	Interior Girder 3	6.0003	0.95	1	1	5.879322
Type 3S2_str	BOBJ1	62.4203	After	Interior Girder 4	6.0003	0.95	1	1	5.879322
Type 3S2_str	BOBJ1	62.4203	After	Interior Girder 5	6.0003	0.95	1	1	6.690517
Type 3S2_str	BOBJ1	62.4203	After	Interior Girder 6	6.0003	0.95	1	1	5.629904
Type 3S2_str	BOBJ1	64.9204	Before	Left Exterior Girder	8.5004	0.95	1	1	9.06356
Type 3S2_str	BOBJ1	64.9204	Before	Right Exterior Girder	8.5004	0.95	1	1	9.06356
Type 3S2_str	BOBJ1	64.9204	After	Left Exterior Girder	8.5004	0.95	1	1	9.172011
Type 3S2_str	BOBJ1	64.9204	After	Right Exterior Girder	8.5004	0.95	1	1	9.172011
Type 3S2_str	BOBJ1	67.6533	Before	Left Exterior Girder	11.2333	0.95	1	1	9.227856
Type 3S2_str	BOBJ1	67.6533	Before	Interior Girder 1	11.2333	0.95	1	1	7.456866
Type 3S2_str	BOBJ1	67.6533	Before	Interior Girder 2	11.2333	0.95	1	1	6.793579
Type 3S2_str	BOBJ1	67.6533	Before	Interior Girder 3	11.2333	0.95	1	1	5.971333
Type 3S2_str	BOBJ1	67.6533	Before	Interior Girder 4	11.2333	0.95	1	1	5.971333
Type 3S2_str	BOBJ1	67.6533	Before	Interior Girder 5	11.2333	0.95	1	1	6.793579
Type 3S2_str	BOBJ1	67.6533	Before	Interior Girder 6	11.2333	0.95	1	1	7.456866
Type 3S2_str	BOBJ1	67.6533	Before	Right Exterior Girder	11.2333	0.95	1	1	9.227856
Type 3S2_str	BOBJ1	67.6533	After	Left Exterior Girder	11.2333	0.95	1	1	10.73876
Type 3S2_str	BOBJ1	67.6533	After	Interior Girder 1	11.2333	0.95	1	1	9.181896
Type 3S2_str	BOBJ1	67.6533	After	Interior Girder 2	11.2333	0.95	1	1	8.384822
Type 3S2_str	BOBJ1	67.6533	After	Interior Girder 3	11.2333	0.95	1	1	7.644123
Type 3S2_str	BOBJ1	67.6533	After	Interior Girder 4	11.2333	0.95	1	1	7.644123
Type 3S2_str	BOBJ1	67.6533	After	Interior Girder 5	11.2333	0.95	1	1	8.384822
Type 3S2_str	BOBJ1	67.6533	After	Interior Girder 6	11.2333	0.95	1	1	9.181896
Type 3S2_str	BOBJ1	67.6533	After	Right Exterior Girder	11.2333	0.95	1	1	10.73876
Type 3S2_str	BOBJ1	73.27	Before	Left Exterior Girder	16.85	0.95	1	1	10.869066
Type 3S2_str	BOBJ1	73.27	Before	Interior Girder 1	16.85	0.95	1	1	9.331935
Type 3S2_str	BOBJ1	73.27	Before	Interior Girder 2	16.85	0.95	1	1	8.520744
Type 3S2_str	BOBJ1	73.27	Before	Interior Girder 3	16.85	0.95	1	1	7.769596
Type 3S2_str	BOBJ1	73.27	Before	Interior Girder 4	16.85	0.95	1	1	7.769596
Type 3S2_str	BOBJ1	73.27	Before	Interior Girder 5	16.85	0.95	1	1	8.520744
Type 3S2_str	BOBJ1	73.27	Before	Interior Girder 6	16.85	0.95	1	1	9.331935
Type 3S2_str	BOBJ1	73.27	Before	Right Exterior Girder	16.85	0.95	1	1	10.869066
Type 3S2_str	BOBJ1	73.27	After	Left Exterior Girder	16.85	0.95	1	1	15.613758
Type 3S2_str	BOBJ1	73.27	After	Interior Girder 1	16.85	0.95	1	1	9.9843
Type 3S2_str	BOBJ1	73.27	After	Interior Girder 2	16.85	0.95	1	1	9.312381
Type 3S2_str	BOBJ1	73.27	After	Interior Girder 3	16.85	0.95	1	1	8.097048
Type 3S2_str	BOBJ1	73.27	After	Interior Girder 4	16.85	0.95	1	1	8.097048
Type 3S2_str	BOBJ1	73.27	After	Interior Girder 5	16.85	0.95	1	1	9.312381
Type 3S2_str	BOBJ1	73.27	After	Interior Girder 6	16.85	0.95	1	1	9.9843
Type 3S2_str	BOBJ1	73.27	After	Right Exterior Girder	16.85	0.95	1	1	15.613758
Type 3S2_str	BOBJ1	78.8867	Before	Left Exterior Girder	22.4667	0.95	1	1	15.796482
Type 3S2_str	BOBJ1	78.8867	Before	Interior Girder 1	22.4667	0.95	1	1	10.143716
Type 3S2_str	BOBJ1	78.8867	Before	Interior Girder 2	22.4667	0.95	1	1	9.460658
Type 3S2_str	BOBJ1	78.8867	Before	Interior Girder 3	22.4667	0.95	1	1	8.226346
Type 3S2_str	BOBJ1	78.8867	Before	Interior Girder 4	22.4667	0.95	1	1	8.226346
Type 3S2_str	BOBJ1	78.8867	Before	Interior Girder 5	22.4667	0.95	1	1	9.460658
Type 3S2_str	BOBJ1	78.8867	Before	Interior Girder 6	22.4667	0.95	1	1	10.143716
Type 3S2_str	BOBJ1	78.8867	Before	Right Exterior Girder	22.4667	0.95	1	1	15.796482
Type 3S2_str	BOBJ1	78.8867	After	Left Exterior Girder	22.4667	0.95	1	1	19.952863
Type 3S2_str	BOBJ1	78.8867	After	Interior Girder 1	22.4667	0.95	1	1	13.303788
Type 3S2_str	BOBJ1	78.8867	After	Interior Girder 2	22.4667	0.95	1	1	12.20946
Type 3S2_str	BOBJ1	78.8867	After	Interior Girder 3	22.4667	0.95	1	1	10.799772

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Approach, Span 12-1									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Type 3S2_str	BOBJ1	78.8867	After	Interior Girder 4	22.4667	0.95	1	1	10.799772
Type 3S2_str	BOBJ1	78.8867	After	Interior Girder 5	22.4667	0.95	1	1	12.20946
Type 3S2_str	BOBJ1	78.8867	After	Interior Girder 6	22.4667	0.95	1	1	13.303788
Type 3S2_str	BOBJ1	78.8867	After	Right Exterior Girder	22.4667	0.95	1	1	19.952863
Type 3S2_str	BOBJ1	84.5033	Before	Left Exterior Girder	28.0833	0.95	1	1	20.178462
Type 3S2_str	BOBJ1	84.5033	Before	Interior Girder 1	28.0833	0.95	1	1	13.511897
Type 3S2_str	BOBJ1	84.5033	Before	Interior Girder 2	28.0833	0.95	1	1	12.399809
Type 3S2_str	BOBJ1	84.5033	Before	Interior Girder 3	28.0833	0.95	1	1	10.968408
Type 3S2_str	BOBJ1	84.5033	Before	Interior Girder 4	28.0833	0.95	1	1	10.968408
Type 3S2_str	BOBJ1	84.5033	Before	Interior Girder 5	28.0833	0.95	1	1	12.399809
Type 3S2_str	BOBJ1	84.5033	Before	Interior Girder 6	28.0833	0.95	1	1	13.511897
Type 3S2_str	BOBJ1	84.5033	Before	Right Exterior Girder	28.0833	0.95	1	1	20.178462
Type 3S2_str	BOBJ1	84.5033	After	Left Exterior Girder	28.0833	0.95	1	1	25.619296
Type 3S2_str	BOBJ1	84.5033	After	Interior Girder 1	28.0833	0.95	1	1	17.385215
Type 3S2_str	BOBJ1	84.5033	After	Interior Girder 2	28.0833	0.95	1	1	15.001123
Type 3S2_str	BOBJ1	84.5033	After	Interior Girder 3	28.0833	0.95	1	1	12.585397
Type 3S2_str	BOBJ1	84.5033	After	Interior Girder 4	28.0833	0.95	1	1	12.585397
Type 3S2_str	BOBJ1	84.5033	After	Interior Girder 5	28.0833	0.95	1	1	15.001123
Type 3S2_str	BOBJ1	84.5033	After	Interior Girder 6	28.0833	0.95	1	1	17.385215
Type 3S2_str	BOBJ1	84.5033	After	Right Exterior Girder	28.0833	0.95	1	1	25.619296
Type 3S2_str	BOBJ1	90.12	Before	Left Exterior Girder	33.7	0.95	1	1	25.899611
Type 3S2_str	BOBJ1	90.12	Before	Interior Girder 1	33.7	0.95	1	1	17.129652
Type 3S2_str	BOBJ1	90.12	Before	Interior Girder 2	33.7	0.95	1	1	14.779824
Type 3S2_str	BOBJ1	90.12	Before	Interior Girder 3	33.7	0.95	1	1	12.399908
Type 3S2_str	BOBJ1	90.12	Before	Interior Girder 4	33.7	0.95	1	1	12.399908
Type 3S2_str	BOBJ1	90.12	Before	Interior Girder 5	33.7	0.95	1	1	14.779824
Type 3S2_str	BOBJ1	90.12	Before	Interior Girder 6	33.7	0.95	1	1	17.129652
Type 3S2_str	BOBJ1	90.12	Before	Right Exterior Girder	33.7	0.95	1	1	25.899611
Type 3S2_str	BOBJ1	90.12	After	Left Exterior Girder	33.7	0.95	1	1	27.125636
Type 3S2_str	BOBJ1	90.12	After	Interior Girder 1	33.7	0.95	1	1	17.029781
Type 3S2_str	BOBJ1	90.12	After	Interior Girder 2	33.7	0.95	1	1	14.723064
Type 3S2_str	BOBJ1	90.12	After	Interior Girder 3	33.7	0.95	1	1	12.374078
Type 3S2_str	BOBJ1	90.12	After	Interior Girder 4	33.7	0.95	1	1	12.374078
Type 3S2_str	BOBJ1	90.12	After	Interior Girder 5	33.7	0.95	1	1	14.723064
Type 3S2_str	BOBJ1	90.12	After	Interior Girder 6	33.7	0.95	1	1	17.029781
Type 3S2_str	BOBJ1	90.12	After	Right Exterior Girder	33.7	0.95	1	1	27.125636
Type 3S2_str	BOBJ1	95.7367	Before	Left Exterior Girder	39.3167	0.95	1	1	26.832109
Type 3S2_str	BOBJ1	95.7367	Before	Interior Girder 1	39.3167	0.95	1	1	17.283752
Type 3S2_str	BOBJ1	95.7367	Before	Interior Girder 2	39.3167	0.95	1	1	14.943376
Type 3S2_str	BOBJ1	95.7367	Before	Interior Girder 3	39.3167	0.95	1	1	12.559038
Type 3S2_str	BOBJ1	95.7367	Before	Interior Girder 4	39.3167	0.95	1	1	12.559038
Type 3S2_str	BOBJ1	95.7367	Before	Interior Girder 5	39.3167	0.95	1	1	14.943376
Type 3S2_str	BOBJ1	95.7367	Before	Interior Girder 6	39.3167	0.95	1	1	17.283752
Type 3S2_str	BOBJ1	95.7367	Before	Right Exterior Girder	39.3167	0.95	1	1	26.832109
Type 3S2_str	BOBJ1	95.7367	After	Left Exterior Girder	39.3167	0.95	1	1	20.776142
Type 3S2_str	BOBJ1	95.7367	After	Interior Girder 1	39.3167	0.95	1	1	13.66901
Type 3S2_str	BOBJ1	95.7367	After	Interior Girder 2	39.3167	0.95	1	1	12.578457
Type 3S2_str	BOBJ1	95.7367	After	Interior Girder 3	39.3167	0.95	1	1	11.002924
Type 3S2_str	BOBJ1	95.7367	After	Interior Girder 4	39.3167	0.95	1	1	11.002924
Type 3S2_str	BOBJ1	95.7367	After	Interior Girder 5	39.3167	0.95	1	1	12.578457
Type 3S2_str	BOBJ1	95.7367	After	Interior Girder 6	39.3167	0.95	1	1	13.66901
Type 3S2_str	BOBJ1	95.7367	After	Right Exterior Girder	39.3167	0.95	1	1	20.776142
Type 3S2_str	BOBJ1	101.3533	Before	Left Exterior Girder	44.9333	0.95	1	1	20.543907
Type 3S2_str	BOBJ1	101.3533	Before	Interior Girder 1	44.9333	0.95	1	1	13.458396
Type 3S2_str	BOBJ1	101.3533	Before	Interior Girder 2	44.9333	0.95	1	1	12.385241
Type 3S2_str	BOBJ1	101.3533	Before	Interior Girder 3	44.9333	0.95	1	1	10.833622
Type 3S2_str	BOBJ1	101.3533	Before	Interior Girder 4	44.9333	0.95	1	1	10.833622
Type 3S2_str	BOBJ1	101.3533	Before	Interior Girder 5	44.9333	0.95	1	1	12.385241
Type 3S2_str	BOBJ1	101.3533	Before	Interior Girder 6	44.9333	0.95	1	1	13.458396
Type 3S2_str	BOBJ1	101.3533	Before	Right Exterior Girder	44.9333	0.95	1	1	20.543907
Type 3S2_str	BOBJ1	101.3533	After	Left Exterior Girder	44.9333	0.95	1	1	16.191049
Type 3S2_str	BOBJ1	101.3533	After	Interior Girder 1	44.9333	0.95	1	1	10.25402
Type 3S2_str	BOBJ1	101.3533	After	Interior Girder 2	44.9333	0.95	1	1	9.545141
Type 3S2_str	BOBJ1	101.3533	After	Interior Girder 3	44.9333	0.95	1	1	8.261705
Type 3S2_str	BOBJ1	101.3533	After	Interior Girder 4	44.9333	0.95	1	1	8.261705

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Approach, Span 12-1									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Type 3S2_str	BOBJ1	101.3533	After	Interior Girder 5	44.9333	0.95	1	1	9.545141
Type 3S2_str	BOBJ1	101.3533	After	Interior Girder 6	44.9333	0.95	1	1	10.25402
Type 3S2_str	BOBJ1	101.3533	After	Right Exterior Girder	44.9333	0.95	1	1	16.191049
Type 3S2_str	BOBJ1	106.97	Before	Left Exterior Girder	50.55	0.95	1	1	16.003801
Type 3S2_str	BOBJ1	106.97	Before	Interior Girder 1	50.55	0.95	1	1	10.092806
Type 3S2_str	BOBJ1	106.97	Before	Interior Girder 2	50.55	0.95	1	1	9.395436
Type 3S2_str	BOBJ1	106.97	Before	Interior Girder 3	50.55	0.95	1	1	8.131746
Type 3S2_str	BOBJ1	106.97	Before	Interior Girder 4	50.55	0.95	1	1	8.131746
Type 3S2_str	BOBJ1	106.97	Before	Interior Girder 5	50.55	0.95	1	1	9.395436
Type 3S2_str	BOBJ1	106.97	Before	Interior Girder 6	50.55	0.95	1	1	10.092806
Type 3S2_str	BOBJ1	106.97	Before	Right Exterior Girder	50.55	0.95	1	1	16.003801
Type 3S2_str	BOBJ1	106.97	After	Left Exterior Girder	50.55	0.95	1	1	11.093141
Type 3S2_str	BOBJ1	106.97	After	Interior Girder 1	50.55	0.95	1	1	9.475161
Type 3S2_str	BOBJ1	106.97	After	Interior Girder 2	50.55	0.95	1	1	8.642963
Type 3S2_str	BOBJ1	106.97	After	Interior Girder 3	50.55	0.95	1	1	7.850489
Type 3S2_str	BOBJ1	106.97	After	Interior Girder 4	50.55	0.95	1	1	7.850489
Type 3S2_str	BOBJ1	106.97	After	Interior Girder 5	50.55	0.95	1	1	8.642963
Type 3S2_str	BOBJ1	106.97	After	Interior Girder 6	50.55	0.95	1	1	9.475161
Type 3S2_str	BOBJ1	106.97	After	Right Exterior Girder	50.55	0.95	1	1	11.093141
Type 3S2_str	BOBJ1	112.5933	Before	Left Exterior Girder	56.1733	0.95	1	1	10.960036
Type 3S2_str	BOBJ1	112.5933	Before	Interior Girder 1	56.1733	0.95	1	1	9.32258
Type 3S2_str	BOBJ1	112.5933	Before	Interior Girder 2	56.1733	0.95	1	1	8.5048
Type 3S2_str	BOBJ1	112.5933	Before	Interior Girder 3	56.1733	0.95	1	1	7.723462
Type 3S2_str	BOBJ1	112.5933	Before	Interior Girder 4	56.1733	0.95	1	1	7.723462
Type 3S2_str	BOBJ1	112.5933	Before	Interior Girder 5	56.1733	0.95	1	1	8.5048
Type 3S2_str	BOBJ1	112.5933	Before	Interior Girder 6	56.1733	0.95	1	1	9.32258
Type 3S2_str	BOBJ1	112.5933	Before	Right Exterior Girder	56.1733	0.95	1	1	10.960036
Type 3S2_str	BOBJ1	112.5933	After	Left Exterior Girder	56.1733	0.95	1	1	9.454797
Type 3S2_str	BOBJ1	112.5933	After	Interior Girder 1	56.1733	0.95	1	1	7.50799
Type 3S2_str	BOBJ1	112.5933	After	Interior Girder 2	56.1733	0.95	1	1	6.867756
Type 3S2_str	BOBJ1	112.5933	After	Interior Girder 3	56.1733	0.95	1	1	6.010485
Type 3S2_str	BOBJ1	112.5933	After	Interior Girder 4	56.1733	0.95	1	1	6.010485
Type 3S2_str	BOBJ1	112.5933	After	Interior Girder 5	56.1733	0.95	1	1	6.867756
Type 3S2_str	BOBJ1	112.5933	After	Interior Girder 6	56.1733	0.95	1	1	7.50799
Type 3S2_str	BOBJ1	112.5933	After	Right Exterior Girder	56.1733	0.95	1	1	9.454797
Type 3S2_str	BOBJ1	115.3396	Before	Left Exterior Girder	58.9196	0.95	1	1	9.397337
Type 3S2_str	BOBJ1	115.3396	Before	Right Exterior Girder	58.9196	0.95	1	1	9.397337
Type 3S2_str	BOBJ1	115.3396	After	Left Exterior Girder	58.9196	0.95	1	1	8.978569
Type 3S2_str	BOBJ1	115.3396	After	Right Exterior Girder	58.9196	0.95	1	1	8.978569
Type 3S2_str	BOBJ1	118.2167	Before	Left Exterior Girder	61.7967	0.95	1	1	8.911505
Type 3S2_str	BOBJ1	118.2167	Before	Interior Girder 1	61.9198	0.95	1	1	7.447163
Type 3S2_str	BOBJ1	118.2167	Before	Interior Girder 2	61.9198	0.95	1	1	6.755661
Type 3S2_str	BOBJ1	118.2167	Before	Interior Girder 3	61.9198	0.95	1	1	5.910858
Type 3S2_str	BOBJ1	118.2167	Before	Interior Girder 4	61.9198	0.95	1	1	5.910858
Type 3S2_str	BOBJ1	118.2167	Before	Interior Girder 5	61.9198	0.95	1	1	6.755661
Type 3S2_str	BOBJ1	118.2167	Before	Interior Girder 6	61.9198	0.95	1	1	7.447163
Type 3S2_str	BOBJ1	118.2167	Before	Right Exterior Girder	61.7967	0.95	1	1	8.911505
Type 3S2_str	BOBJ1	118.2167	After	Left Exterior Girder	61.7967	0.95	1	1	8.297462
Type 3S2_str	BOBJ1	118.2167	After	Interior Girder 1	61.9198	0.95	1	1	5.889439
Type 3S2_str	BOBJ1	118.2167	After	Interior Girder 2	61.9198	0.95	1	1	5.515611
Type 3S2_str	BOBJ1	118.2167	After	Interior Girder 3	61.9198	0.95	1	1	4.577487
Type 3S2_str	BOBJ1	118.2167	After	Interior Girder 4	61.9198	0.95	1	1	4.577487
Type 3S2_str	BOBJ1	118.2167	After	Interior Girder 5	61.9198	0.95	1	1	5.515611
Type 3S2_str	BOBJ1	118.2167	After	Interior Girder 6	61.9198	0.95	1	1	5.889439
Type 3S2_str	BOBJ1	118.2167	After	Right Exterior Girder	61.7967	0.95	1	1	8.297462
Type 3S2_str	BOBJ1	123.84	Before	Left Exterior Girder	67.42	0.95	1	1	8.173078
Type 3S2_str	BOBJ1	123.84	Before	Interior Girder 1	67.42	0.95	1	1	5.785857
Type 3S2_str	BOBJ1	123.84	Before	Interior Girder 2	67.42	0.95	1	1	5.419238
Type 3S2_str	BOBJ1	123.84	Before	Interior Girder 3	67.42	0.95	1	1	4.495814
Type 3S2_str	BOBJ1	123.84	Before	Interior Girder 4	67.42	0.95	1	1	4.495814
Type 3S2_str	BOBJ1	123.84	Before	Interior Girder 5	67.42	0.95	1	1	5.419238
Type 3S2_str	BOBJ1	123.84	Before	Interior Girder 6	67.42	0.95	1	1	5.785857
Type 3S2_str	BOBJ1	123.84	Before	Right Exterior Girder	67.42	0.95	1	1	8.173078
Type 3S2_str	BOBJ1	123.84	After	Left Exterior Girder	0	0.95	1	1	8.390847
Type 3S2_str	BOBJ1	123.84	After	Interior Girder 1	0	0.95	1	1	5.838416

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Approach, Span 12-1									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Type 3S2_str	BOBJ1	123.84	After	Interior Girder 2	0	0.95	1	1	5.454428
Type 3S2_str	BOBJ1	123.84	After	Interior Girder 3	0	0.95	1	1	4.508893
Type 3S2_str	BOBJ1	123.84	After	Interior Girder 4	0	0.95	1	1	4.508893
Type 3S2_str	BOBJ1	123.84	After	Interior Girder 5	0	0.95	1	1	5.454428
Type 3S2_str	BOBJ1	123.84	After	Interior Girder 6	0	0.95	1	1	5.838416
Type 3S2_str	BOBJ1	123.84	After	Right Exterior Girder	0	0.95	1	1	8.390847
Type 3S2_str	BOBJ1	129.34	Before	Interior Girder 1	5.5	0.95	1	1	5.940759
Type 3S2_str	BOBJ1	129.34	Before	Interior Girder 2	5.5	0.95	1	1	5.549295
Type 3S2_str	BOBJ1	129.34	Before	Interior Girder 3	5.5	0.95	1	1	4.5892
Type 3S2_str	BOBJ1	129.34	Before	Interior Girder 4	5.5	0.95	1	1	4.5892
Type 3S2_str	BOBJ1	129.34	Before	Interior Girder 5	5.5	0.95	1	1	5.549295
Type 3S2_str	BOBJ1	129.34	Before	Interior Girder 6	5.5	0.95	1	1	5.940759
Type 3S2_str	BOBJ1	129.34	After	Interior Girder 1	5.5	0.95	1	1	5.697083
Type 3S2_str	BOBJ1	129.34	After	Interior Girder 2	5.5	0.95	1	1	5.797949
Type 3S2_str	BOBJ1	129.34	After	Interior Girder 3	5.5	0.95	1	1	4.762861
Type 3S2_str	BOBJ1	129.34	After	Interior Girder 4	5.5	0.95	1	1	4.762861
Type 3S2_str	BOBJ1	129.34	After	Interior Girder 5	5.5	0.95	1	1	5.797949
Type 3S2_str	BOBJ1	129.34	After	Interior Girder 6	5.5	0.95	1	1	5.697083
Type 3S2_str	BOBJ1	130.79	Before	Left Exterior Girder	6.95	0.95	1	1	7.267453
Type 3S2_str	BOBJ1	130.79	Before	Interior Girder 1	6.95	0.95	1	1	5.722065
Type 3S2_str	BOBJ1	130.79	Before	Interior Girder 2	6.95	0.95	1	1	5.822789
Type 3S2_str	BOBJ1	130.79	Before	Interior Girder 3	6.95	0.95	1	1	4.783703
Type 3S2_str	BOBJ1	130.79	Before	Interior Girder 4	6.95	0.95	1	1	4.783703
Type 3S2_str	BOBJ1	130.79	Before	Interior Girder 5	6.95	0.95	1	1	5.822789
Type 3S2_str	BOBJ1	130.79	Before	Interior Girder 6	6.95	0.95	1	1	5.722065
Type 3S2_str	BOBJ1	130.79	Before	Right Exterior Girder	6.95	0.95	1	1	7.267453
Type 3S2_str	BOBJ1	130.79	After	Left Exterior Girder	6.95	0.95	1	1	8.141018
Type 3S2_str	BOBJ1	130.79	After	Interior Girder 1	6.95	0.95	1	1	7.89116
Type 3S2_str	BOBJ1	130.79	After	Interior Girder 2	6.95	0.95	1	1	7.528308
Type 3S2_str	BOBJ1	130.79	After	Interior Girder 3	6.95	0.95	1	1	6.778591
Type 3S2_str	BOBJ1	130.79	After	Interior Girder 4	6.95	0.95	1	1	6.778591
Type 3S2_str	BOBJ1	130.79	After	Interior Girder 5	6.95	0.95	1	1	7.528308
Type 3S2_str	BOBJ1	130.79	After	Interior Girder 6	6.95	0.95	1	1	7.89116
Type 3S2_str	BOBJ1	130.79	After	Right Exterior Girder	6.95	0.95	1	1	8.141018
Type 3S2_str	BOBJ1	132.34	Before	Left Exterior Girder	8.5	0.95	1	1	8.174457
Type 3S2_str	BOBJ1	132.34	Before	Right Exterior Girder	8.5	0.95	1	1	8.174457
Type 3S2_str	BOBJ1	132.34	After	Left Exterior Girder	8.5	0.95	1	1	9.81045
Type 3S2_str	BOBJ1	132.34	After	Right Exterior Girder	8.5	0.95	1	1	9.81045
Type 3S2_str	BOBJ1	137.74	Before	Left Exterior Girder	13.9	0.95	1	1	9.927485
Type 3S2_str	BOBJ1	137.74	Before	Interior Girder 1	13.9	0.95	1	1	8.424762
Type 3S2_str	BOBJ1	137.74	Before	Interior Girder 2	13.9	0.95	1	1	7.681875
Type 3S2_str	BOBJ1	137.74	Before	Interior Girder 3	13.9	0.95	1	1	6.919135
Type 3S2_str	BOBJ1	137.74	Before	Interior Girder 4	13.9	0.95	1	1	6.919135
Type 3S2_str	BOBJ1	137.74	Before	Interior Girder 5	13.9	0.95	1	1	7.681875
Type 3S2_str	BOBJ1	137.74	Before	Interior Girder 6	13.9	0.95	1	1	8.424762
Type 3S2_str	BOBJ1	137.74	Before	Right Exterior Girder	13.9	0.95	1	1	9.927485
Type 3S2_str	BOBJ1	137.74	After	Left Exterior Girder	13.9	0.95	1	1	13.842919
Type 3S2_str	BOBJ1	137.74	After	Interior Girder 1	13.9	0.95	1	1	9.189116
Type 3S2_str	BOBJ1	137.74	After	Interior Girder 2	13.9	0.95	1	1	8.524133
Type 3S2_str	BOBJ1	137.74	After	Interior Girder 3	13.9	0.95	1	1	7.49944
Type 3S2_str	BOBJ1	137.74	After	Interior Girder 4	13.9	0.95	1	1	7.49944
Type 3S2_str	BOBJ1	137.74	After	Interior Girder 5	13.9	0.95	1	1	8.524133
Type 3S2_str	BOBJ1	137.74	After	Interior Girder 6	13.9	0.95	1	1	9.189116
Type 3S2_str	BOBJ1	137.74	After	Right Exterior Girder	13.9	0.95	1	1	13.842919
Type 3S2_str	BOBJ1	143.7733	Before	Left Exterior Girder	19.9333	0.95	1	1	14.020246
Type 3S2_str	BOBJ1	143.7733	Before	Interior Girder 1	19.9333	0.95	1	1	9.348775
Type 3S2_str	BOBJ1	143.7733	Before	Interior Girder 2	19.9333	0.95	1	1	8.671826
Type 3S2_str	BOBJ1	143.7733	Before	Interior Girder 3	19.9333	0.95	1	1	7.629885
Type 3S2_str	BOBJ1	143.7733	Before	Interior Girder 4	19.9333	0.95	1	1	7.629885
Type 3S2_str	BOBJ1	143.7733	Before	Interior Girder 5	19.9333	0.95	1	1	8.671826
Type 3S2_str	BOBJ1	143.7733	Before	Interior Girder 6	19.9333	0.95	1	1	9.348775
Type 3S2_str	BOBJ1	143.7733	Before	Right Exterior Girder	19.9333	0.95	1	1	14.020246
Type 3S2_str	BOBJ1	143.7733	After	Left Exterior Girder	19.9333	0.95	1	1	17.799315
Type 3S2_str	BOBJ1	143.7733	After	Interior Girder 1	19.9333	0.95	1	1	12.437796
Type 3S2_str	BOBJ1	143.7733	After	Interior Girder 2	19.9333	0.95	1	1	11.344725

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Approach, Span 12-1									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Type 3S2_str	BOBJ1	143.7733	After	Interior Girder 3	19.9333	0.95	1	1	10.173662
Type 3S2_str	BOBJ1	143.7733	After	Interior Girder 4	19.9333	0.95	1	1	10.173662
Type 3S2_str	BOBJ1	143.7733	After	Interior Girder 5	19.9333	0.95	1	1	11.344725
Type 3S2_str	BOBJ1	143.7733	After	Interior Girder 6	19.9333	0.95	1	1	12.437796
Type 3S2_str	BOBJ1	143.7733	After	Right Exterior Girder	19.9333	0.95	1	1	17.799315
Type 3S2_str	BOBJ1	149.8067	Before	Left Exterior Girder	25.9667	0.95	1	1	18.018867
Type 3S2_str	BOBJ1	149.8067	Before	Interior Girder 1	25.9667	0.95	1	1	12.649175
Type 3S2_str	BOBJ1	149.8067	Before	Interior Girder 2	25.9667	0.95	1	1	11.536854
Type 3S2_str	BOBJ1	149.8067	Before	Interior Girder 3	25.9667	0.95	1	1	10.346339
Type 3S2_str	BOBJ1	149.8067	Before	Interior Girder 4	25.9667	0.95	1	1	10.346339
Type 3S2_str	BOBJ1	149.8067	Before	Interior Girder 5	25.9667	0.95	1	1	11.536854
Type 3S2_str	BOBJ1	149.8067	Before	Interior Girder 6	25.9667	0.95	1	1	12.649175
Type 3S2_str	BOBJ1	149.8067	Before	Right Exterior Girder	25.9667	0.95	1	1	18.018867
Type 3S2_str	BOBJ1	149.8067	After	Left Exterior Girder	25.9667	0.95	1	1	22.739908
Type 3S2_str	BOBJ1	149.8067	After	Interior Girder 1	25.9667	0.95	1	1	16.677597
Type 3S2_str	BOBJ1	149.8067	After	Interior Girder 2	25.9667	0.95	1	1	15.061042
Type 3S2_str	BOBJ1	149.8067	After	Interior Girder 3	25.9667	0.95	1	1	13.342678
Type 3S2_str	BOBJ1	149.8067	After	Interior Girder 4	25.9667	0.95	1	1	13.342678
Type 3S2_str	BOBJ1	149.8067	After	Interior Girder 5	25.9667	0.95	1	1	15.061042
Type 3S2_str	BOBJ1	149.8067	After	Interior Girder 6	25.9667	0.95	1	1	16.677597
Type 3S2_str	BOBJ1	149.8067	After	Right Exterior Girder	25.9667	0.95	1	1	22.739908
Type 3S2_str	BOBJ1	155.84	Before	Left Exterior Girder	32	0.95	1	1	23.01054
Type 3S2_str	BOBJ1	155.84	Before	Interior Girder 1	32	0.95	1	1	16.954772
Type 3S2_str	BOBJ1	155.84	Before	Interior Girder 2	32	0.95	1	1	15.31038
Type 3S2_str	BOBJ1	155.84	Before	Interior Girder 3	32	0.95	1	1	13.133436
Type 3S2_str	BOBJ1	155.84	Before	Interior Girder 4	32	0.95	1	1	13.133436
Type 3S2_str	BOBJ1	155.84	Before	Interior Girder 5	32	0.95	1	1	15.31038
Type 3S2_str	BOBJ1	155.84	Before	Interior Girder 6	32	0.95	1	1	16.954772
Type 3S2_str	BOBJ1	155.84	Before	Right Exterior Girder	32	0.95	1	1	23.01054
Type 3S2_str	BOBJ1	155.84	After	Left Exterior Girder	32	0.95	1	1	29.347202
Type 3S2_str	BOBJ1	155.84	After	Interior Girder 1	32	0.95	1	1	16.404605
Type 3S2_str	BOBJ1	155.84	After	Interior Girder 2	32	0.95	1	1	14.250074
Type 3S2_str	BOBJ1	155.84	After	Interior Girder 3	32	0.95	1	1	11.963565
Type 3S2_str	BOBJ1	155.84	After	Interior Girder 4	32	0.95	1	1	11.963565
Type 3S2_str	BOBJ1	155.84	After	Interior Girder 5	32	0.95	1	1	14.250074
Type 3S2_str	BOBJ1	155.84	After	Interior Girder 6	32	0.95	1	1	16.404605
Type 3S2_str	BOBJ1	155.84	After	Right Exterior Girder	32	0.95	1	1	29.347202
Type 3S2_str	BOBJ1	161.8733	Before	Left Exterior Girder	38.0333	0.95	1	1	29.009573
Type 3S2_str	BOBJ1	161.8733	Before	Interior Girder 1	38.0333	0.95	1	1	16.669387
Type 3S2_str	BOBJ1	161.8733	Before	Interior Girder 2	38.0333	0.95	1	1	14.480883
Type 3S2_str	BOBJ1	161.8733	Before	Interior Girder 3	38.0333	0.95	1	1	12.157234
Type 3S2_str	BOBJ1	161.8733	Before	Interior Girder 4	38.0333	0.95	1	1	12.157234
Type 3S2_str	BOBJ1	161.8733	Before	Interior Girder 5	38.0333	0.95	1	1	14.480883
Type 3S2_str	BOBJ1	161.8733	Before	Interior Girder 6	38.0333	0.95	1	1	16.669387
Type 3S2_str	BOBJ1	161.8733	Before	Right Exterior Girder	38.0333	0.95	1	1	29.009573
Type 3S2_str	BOBJ1	161.8733	After	Left Exterior Girder	38.0333	0.95	1	1	22.08332
Type 3S2_str	BOBJ1	161.8733	After	Interior Girder 1	38.0333	0.95	1	1	14.151182
Type 3S2_str	BOBJ1	161.8733	After	Interior Girder 2	38.0333	0.95	1	1	13.079863
Type 3S2_str	BOBJ1	161.8733	After	Interior Girder 3	38.0333	0.95	1	1	11.383759
Type 3S2_str	BOBJ1	161.8733	After	Interior Girder 4	38.0333	0.95	1	1	11.383759
Type 3S2_str	BOBJ1	161.8733	After	Interior Girder 5	38.0333	0.95	1	1	13.079863
Type 3S2_str	BOBJ1	161.8733	After	Interior Girder 6	38.0333	0.95	1	1	14.151182
Type 3S2_str	BOBJ1	161.8733	After	Right Exterior Girder	38.0333	0.95	1	1	22.08332
Type 3S2_str	BOBJ1	167.9067	Before	Left Exterior Girder	44.0667	0.95	1	1	21.820345
Type 3S2_str	BOBJ1	167.9067	Before	Interior Girder 1	44.0667	0.95	1	1	13.918399
Type 3S2_str	BOBJ1	167.9067	Before	Interior Girder 2	44.0667	0.95	1	1	12.865378
Type 3S2_str	BOBJ1	167.9067	Before	Interior Girder 3	44.0667	0.95	1	1	11.196881
Type 3S2_str	BOBJ1	167.9067	Before	Interior Girder 4	44.0667	0.95	1	1	11.196881
Type 3S2_str	BOBJ1	167.9067	Before	Interior Girder 5	44.0667	0.95	1	1	12.865378
Type 3S2_str	BOBJ1	167.9067	Before	Interior Girder 6	44.0667	0.95	1	1	13.918399
Type 3S2_str	BOBJ1	167.9067	Before	Right Exterior Girder	44.0667	0.95	1	1	21.820345
Type 3S2_str	BOBJ1	167.9067	After	Left Exterior Girder	44.0667	0.95	1	1	16.772356
Type 3S2_str	BOBJ1	167.9067	After	Interior Girder 1	44.0667	0.95	1	1	10.44675
Type 3S2_str	BOBJ1	167.9067	After	Interior Girder 2	44.0667	0.95	1	1	9.741158
Type 3S2_str	BOBJ1	167.9067	After	Interior Girder 3	44.0667	0.95	1	1	8.461301

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Approach, Span 12-1									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Type 3S2_str	BOBJ1	167.9067	After	Interior Girder 4	44.0667	0.95	1	1	8.461301
Type 3S2_str	BOBJ1	167.9067	After	Interior Girder 5	44.0667	0.95	1	1	9.741158
Type 3S2_str	BOBJ1	167.9067	After	Interior Girder 6	44.0667	0.95	1	1	10.44675
Type 3S2_str	BOBJ1	167.9067	After	Right Exterior Girder	44.0667	0.95	1	1	16.772356
Type 3S2_str	BOBJ1	173.94	Before	Left Exterior Girder	50.1	0.95	1	1	16.56526
Type 3S2_str	BOBJ1	173.94	Before	Interior Girder 1	50.1	0.95	1	1	10.271144
Type 3S2_str	BOBJ1	173.94	Before	Interior Girder 2	50.1	0.95	1	1	9.577821
Type 3S2_str	BOBJ1	173.94	Before	Interior Girder 3	50.1	0.95	1	1	8.319097
Type 3S2_str	BOBJ1	173.94	Before	Interior Girder 4	50.1	0.95	1	1	8.319097
Type 3S2_str	BOBJ1	173.94	Before	Interior Girder 5	50.1	0.95	1	1	9.577821
Type 3S2_str	BOBJ1	173.94	Before	Interior Girder 6	50.1	0.95	1	1	10.271144
Type 3S2_str	BOBJ1	173.94	Before	Right Exterior Girder	50.1	0.95	1	1	16.56526
Type 3S2_str	BOBJ1	173.94	After	Left Exterior Girder	50.1	0.95	1	1	11.025486
Type 3S2_str	BOBJ1	173.94	After	Interior Girder 1	50.1	0.95	1	1	9.651584
Type 3S2_str	BOBJ1	173.94	After	Interior Girder 2	50.1	0.95	1	1	8.781157
Type 3S2_str	BOBJ1	173.94	After	Interior Girder 3	50.1	0.95	1	1	8.060221
Type 3S2_str	BOBJ1	173.94	After	Interior Girder 4	50.1	0.95	1	1	8.060221
Type 3S2_str	BOBJ1	173.94	After	Interior Girder 5	50.1	0.95	1	1	8.781157
Type 3S2_str	BOBJ1	173.94	After	Interior Girder 6	50.1	0.95	1	1	9.651584
Type 3S2_str	BOBJ1	173.94	After	Right Exterior Girder	50.1	0.95	1	1	11.025486
Type 3S2_str	BOBJ1	179.98	Before	Left Exterior Girder	56.14	0.95	1	1	10.883936
Type 3S2_str	BOBJ1	179.98	Before	Interior Girder 1	56.14	0.95	1	1	9.485146
Type 3S2_str	BOBJ1	179.98	Before	Interior Girder 2	56.14	0.95	1	1	8.630863
Type 3S2_str	BOBJ1	179.98	Before	Interior Girder 3	56.14	0.95	1	1	7.92069
Type 3S2_str	BOBJ1	179.98	Before	Interior Girder 4	56.14	0.95	1	1	7.92069
Type 3S2_str	BOBJ1	179.98	Before	Interior Girder 5	56.14	0.95	1	1	8.630863
Type 3S2_str	BOBJ1	179.98	Before	Interior Girder 6	56.14	0.95	1	1	9.485146
Type 3S2_str	BOBJ1	179.98	Before	Right Exterior Girder	56.14	0.95	1	1	10.883936
Type 3S2_str	BOBJ1	179.98	After	Left Exterior Girder	56.14	0.95	1	1	9.410415
Type 3S2_str	BOBJ1	179.98	After	Interior Girder 1	56.14	0.95	1	1	7.469434
Type 3S2_str	BOBJ1	179.98	After	Interior Girder 2	56.14	0.95	1	1	6.87809
Type 3S2_str	BOBJ1	179.98	After	Interior Girder 3	56.14	0.95	1	1	6.093213
Type 3S2_str	BOBJ1	179.98	After	Interior Girder 4	56.14	0.95	1	1	6.093213
Type 3S2_str	BOBJ1	179.98	After	Interior Girder 5	56.14	0.95	1	1	6.87809
Type 3S2_str	BOBJ1	179.98	After	Interior Girder 6	56.14	0.95	1	1	7.469434
Type 3S2_str	BOBJ1	179.98	After	Right Exterior Girder	56.14	0.95	1	1	9.410415
Type 3S2_str	BOBJ1	183.56	Before	Left Exterior Girder	59.72	0.95	1	1	9.336076
Type 3S2_str	BOBJ1	183.56	Before	Right Exterior Girder	59.72	0.95	1	1	9.336076
Type 3S2_str	BOBJ1	183.56	After	Left Exterior Girder	59.72	0.95	1	1	8.644452
Type 3S2_str	BOBJ1	183.56	After	Right Exterior Girder	59.72	0.95	1	1	8.644452
Type 3S2_str	BOBJ1	186.02	Before	Left Exterior Girder	62.18	0.95	1	1	8.58805
Type 3S2_str	BOBJ1	186.02	Before	Interior Girder 1	62.22	0.95	1	1	7.559833
Type 3S2_str	BOBJ1	186.02	Before	Interior Girder 2	62.22	0.95	1	1	6.757708
Type 3S2_str	BOBJ1	186.02	Before	Interior Girder 3	62.22	0.95	1	1	5.98498
Type 3S2_str	BOBJ1	186.02	Before	Interior Girder 4	62.22	0.95	1	1	5.98498
Type 3S2_str	BOBJ1	186.02	Before	Interior Girder 5	62.22	0.95	1	1	6.757708
Type 3S2_str	BOBJ1	186.02	Before	Interior Girder 6	62.22	0.95	1	1	7.559833
Type 3S2_str	BOBJ1	186.02	Before	Right Exterior Girder	62.18	0.95	1	1	8.58805
Type 3S2_str	BOBJ1	186.02	After	Left Exterior Girder	62.18	0.95	1	1	8.132006
Type 3S2_str	BOBJ1	186.02	After	Interior Girder 1	62.22	0.95	1	1	5.843881
Type 3S2_str	BOBJ1	186.02	After	Interior Girder 2	62.22	0.95	1	1	5.465349
Type 3S2_str	BOBJ1	186.02	After	Interior Girder 3	62.22	0.95	1	1	4.56678
Type 3S2_str	BOBJ1	186.02	After	Interior Girder 4	62.22	0.95	1	1	4.56678
Type 3S2_str	BOBJ1	186.02	After	Interior Girder 5	62.22	0.95	1	1	5.465349
Type 3S2_str	BOBJ1	186.02	After	Interior Girder 6	62.22	0.95	1	1	5.843881
Type 3S2_str	BOBJ1	186.02	After	Right Exterior Girder	62.18	0.95	1	1	8.132006
Type 3S2_str	BOBJ1	192.06	Before	Left Exterior Girder	68.22	0.95	1	1	7.99861
Type 3S2_str	BOBJ1	192.06	Before	Interior Girder 1	68.22	0.95	1	1	5.732473
Type 3S2_str	BOBJ1	192.06	Before	Interior Girder 2	68.22	0.95	1	1	5.361832
Type 3S2_str	BOBJ1	192.06	Before	Interior Girder 3	68.22	0.95	1	1	4.478473
Type 3S2_str	BOBJ1	192.06	Before	Interior Girder 4	68.22	0.95	1	1	4.478473
Type 3S2_str	BOBJ1	192.06	Before	Interior Girder 5	68.22	0.95	1	1	5.361832
Type 3S2_str	BOBJ1	192.06	Before	Interior Girder 6	68.22	0.95	1	1	5.732473
Type 3S2_str	BOBJ1	192.06	Before	Right Exterior Girder	68.22	0.95	1	1	7.99861
Type 3S2_str	BOBJ1	192.06	After	Left Exterior Girder	0	0.95	1	1	8.312023

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Approach, Span 12-1									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Type 3S2_str	BOBJ1	192.06	After	Interior Girder 1	0	0.95	1	1	5.897686
Type 3S2_str	BOBJ1	192.06	After	Interior Girder 2	0	0.95	1	1	5.523766
Type 3S2_str	BOBJ1	192.06	After	Interior Girder 3	0	0.95	1	1	4.404351
Type 3S2_str	BOBJ1	192.06	After	Interior Girder 4	0	0.95	1	1	4.404351
Type 3S2_str	BOBJ1	192.06	After	Interior Girder 5	0	0.95	1	1	5.523766
Type 3S2_str	BOBJ1	192.06	After	Interior Girder 6	0	0.95	1	1	5.897686
Type 3S2_str	BOBJ1	192.06	After	Right Exterior Girder	0	0.95	1	1	8.312023
Type 3S2_str	BOBJ1	197.087	Before	Interior Girder 1	5.027	0.95	1	1	5.993786
Type 3S2_str	BOBJ1	197.087	Before	Interior Girder 2	5.027	0.95	1	1	5.612769
Type 3S2_str	BOBJ1	197.087	Before	Interior Girder 3	5.027	0.95	1	1	4.477835
Type 3S2_str	BOBJ1	197.087	Before	Interior Girder 4	5.027	0.95	1	1	4.477835
Type 3S2_str	BOBJ1	197.087	Before	Interior Girder 5	5.027	0.95	1	1	5.612769
Type 3S2_str	BOBJ1	197.087	Before	Interior Girder 6	5.027	0.95	1	1	5.993786
Type 3S2_str	BOBJ1	197.087	After	Interior Girder 1	5.027	0.95	1	1	6.049886
Type 3S2_str	BOBJ1	197.087	After	Interior Girder 2	5.027	0.95	1	1	6.60753
Type 3S2_str	BOBJ1	197.087	After	Interior Girder 3	5.027	0.95	1	1	5.380533
Type 3S2_str	BOBJ1	197.087	After	Interior Girder 4	5.027	0.95	1	1	5.380533
Type 3S2_str	BOBJ1	197.087	After	Interior Girder 5	5.027	0.95	1	1	6.60753
Type 3S2_str	BOBJ1	197.087	After	Interior Girder 6	5.027	0.95	1	1	6.049886
Type 3S2_str	BOBJ1	197.91	Before	Left Exterior Girder	5.85	0.95	1	1	7.689962
Type 3S2_str	BOBJ1	197.91	Before	Interior Girder 1	5.85	0.95	1	1	6.065178
Type 3S2_str	BOBJ1	197.91	Before	Interior Girder 2	5.85	0.95	1	1	6.623704
Type 3S2_str	BOBJ1	197.91	Before	Interior Girder 3	5.85	0.95	1	1	5.394125
Type 3S2_str	BOBJ1	197.91	Before	Interior Girder 4	5.85	0.95	1	1	5.394125
Type 3S2_str	BOBJ1	197.91	Before	Interior Girder 5	5.85	0.95	1	1	6.623704
Type 3S2_str	BOBJ1	197.91	Before	Interior Girder 6	5.85	0.95	1	1	6.065178
Type 3S2_str	BOBJ1	197.91	Before	Right Exterior Girder	5.85	0.95	1	1	7.689962
Type 3S2_str	BOBJ1	197.91	After	Left Exterior Girder	5.85	0.95	1	1	8.68185
Type 3S2_str	BOBJ1	197.91	After	Interior Girder 1	5.85	0.95	1	1	6.147078
Type 3S2_str	BOBJ1	197.91	After	Interior Girder 2	5.85	0.95	1	1	6.542787
Type 3S2_str	BOBJ1	197.91	After	Interior Girder 3	5.85	0.95	1	1	5.596983
Type 3S2_str	BOBJ1	197.91	After	Interior Girder 4	5.85	0.95	1	1	5.596983
Type 3S2_str	BOBJ1	197.91	After	Interior Girder 5	5.85	0.95	1	1	6.542787
Type 3S2_str	BOBJ1	197.91	After	Interior Girder 6	5.85	0.95	1	1	6.147078
Type 3S2_str	BOBJ1	197.91	After	Right Exterior Girder	5.85	0.95	1	1	8.68185
Type 3S2_str	BOBJ1	199.1816	Before	Left Exterior Girder	7.1216	0.95	1	1	8.712095
Type 3S2_str	BOBJ1	199.1816	Before	Right Exterior Girder	7.1216	0.95	1	1	8.712095
Type 3S2_str	BOBJ1	199.1816	After	Left Exterior Girder	7.1216	0.95	1	1	10.286566
Type 3S2_str	BOBJ1	199.1816	After	Right Exterior Girder	7.1216	0.95	1	1	10.286566
Type 3S2_str	BOBJ1	203.5267	Before	Left Exterior Girder	11.3107	0.95	1	1	10.39249
Type 3S2_str	BOBJ1	203.5267	Before	Interior Girder 1	11.3107	0.95	1	1	7.138179
Type 3S2_str	BOBJ1	203.5267	Before	Interior Girder 2	11.3107	0.95	1	1	6.652403
Type 3S2_str	BOBJ1	203.5267	Before	Interior Girder 3	11.3107	0.95	1	1	5.691862
Type 3S2_str	BOBJ1	203.5267	Before	Interior Girder 4	11.3107	0.95	1	1	5.691862
Type 3S2_str	BOBJ1	203.5267	Before	Interior Girder 5	11.3107	0.95	1	1	6.652403
Type 3S2_str	BOBJ1	203.5267	Before	Interior Girder 6	11.3107	0.95	1	1	7.138179
Type 3S2_str	BOBJ1	203.5267	Before	Right Exterior Girder	11.3107	0.95	1	1	10.39249
Type 3S2_str	BOBJ1	203.5267	After	Left Exterior Girder	11.3107	0.95	1	1	14.725564
Type 3S2_str	BOBJ1	203.5267	After	Interior Girder 1	11.3107	0.95	1	1	10.585891
Type 3S2_str	BOBJ1	203.5267	After	Interior Girder 2	11.3107	0.95	1	1	9.651483
Type 3S2_str	BOBJ1	203.5267	After	Interior Girder 3	11.3107	0.95	1	1	8.469275
Type 3S2_str	BOBJ1	203.5267	After	Interior Girder 4	11.3107	0.95	1	1	8.469275
Type 3S2_str	BOBJ1	203.5267	After	Interior Girder 5	11.3107	0.95	1	1	9.651483
Type 3S2_str	BOBJ1	203.5267	After	Interior Girder 6	11.3107	0.95	1	1	10.585891
Type 3S2_str	BOBJ1	203.5267	After	Right Exterior Girder	11.3107	0.95	1	1	14.725564
Type 3S2_str	BOBJ1	209.1433	Before	Left Exterior Girder	17.0833	0.95	1	1	14.897487
Type 3S2_str	BOBJ1	209.1433	Before	Interior Girder 1	17.0833	0.95	1	1	10.748164
Type 3S2_str	BOBJ1	209.1433	Before	Interior Girder 2	17.0833	0.95	1	1	9.798577
Type 3S2_str	BOBJ1	209.1433	Before	Interior Girder 3	17.0833	0.95	1	1	8.599279
Type 3S2_str	BOBJ1	209.1433	Before	Interior Girder 4	17.0833	0.95	1	1	8.599279
Type 3S2_str	BOBJ1	209.1433	Before	Interior Girder 5	17.0833	0.95	1	1	9.798577
Type 3S2_str	BOBJ1	209.1433	Before	Interior Girder 6	17.0833	0.95	1	1	10.748164
Type 3S2_str	BOBJ1	209.1433	Before	Right Exterior Girder	17.0833	0.95	1	1	14.897487
Type 3S2_str	BOBJ1	209.1433	After	Left Exterior Girder	17.0833	0.95	1	1	18.636549
Type 3S2_str	BOBJ1	209.1433	After	Interior Girder 1	17.0833	0.95	1	1	13.764292

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Approach, Span 12-1									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Type 3S2_str	BOBJ1	209.1433	After	Interior Girder 2	17.0833	0.95	1	1	12.452072
Type 3S2_str	BOBJ1	209.1433	After	Interior Girder 3	17.0833	0.95	1	1	11.179552
Type 3S2_str	BOBJ1	209.1433	After	Interior Girder 4	17.0833	0.95	1	1	11.179552
Type 3S2_str	BOBJ1	209.1433	After	Interior Girder 5	17.0833	0.95	1	1	12.452072
Type 3S2_str	BOBJ1	209.1433	After	Interior Girder 6	17.0833	0.95	1	1	13.764292
Type 3S2_str	BOBJ1	209.1433	After	Right Exterior Girder	17.0833	0.95	1	1	18.636549
Type 3S2_str	BOBJ1	214.76	Before	Left Exterior Girder	22.7	0.95	1	1	18.847279
Type 3S2_str	BOBJ1	214.76	Before	Interior Girder 1	22.7	0.95	1	1	13.971244
Type 3S2_str	BOBJ1	214.76	Before	Interior Girder 2	22.7	0.95	1	1	12.638151
Type 3S2_str	BOBJ1	214.76	Before	Interior Girder 3	22.7	0.95	1	1	11.347543
Type 3S2_str	BOBJ1	214.76	Before	Interior Girder 4	22.7	0.95	1	1	11.347543
Type 3S2_str	BOBJ1	214.76	Before	Interior Girder 5	22.7	0.95	1	1	12.638151
Type 3S2_str	BOBJ1	214.76	Before	Interior Girder 6	22.7	0.95	1	1	13.971244
Type 3S2_str	BOBJ1	214.76	Before	Right Exterior Girder	22.7	0.95	1	1	18.847279
Type 3S2_str	BOBJ1	214.76	After	Left Exterior Girder	22.7	0.95	1	1	28.673852
Type 3S2_str	BOBJ1	214.76	After	Interior Girder 1	22.7	0.95	1	1	14.382884
Type 3S2_str	BOBJ1	214.76	After	Interior Girder 2	22.7	0.95	1	1	12.825421
Type 3S2_str	BOBJ1	214.76	After	Interior Girder 3	22.7	0.95	1	1	10.821726
Type 3S2_str	BOBJ1	214.76	After	Interior Girder 4	22.7	0.95	1	1	10.821726
Type 3S2_str	BOBJ1	214.76	After	Interior Girder 5	22.7	0.95	1	1	12.825421
Type 3S2_str	BOBJ1	214.76	After	Interior Girder 6	22.7	0.95	1	1	14.382884
Type 3S2_str	BOBJ1	214.76	After	Right Exterior Girder	22.7	0.95	1	1	28.673852
Type 3S2_str	BOBJ1	220.3767	Before	Left Exterior Girder	28.3167	0.95	1	1	28.988859
Type 3S2_str	BOBJ1	220.3767	Before	Interior Girder 1	28.3167	0.95	1	1	14.594143
Type 3S2_str	BOBJ1	220.3767	Before	Interior Girder 2	28.3167	0.95	1	1	13.013636
Type 3S2_str	BOBJ1	220.3767	Before	Interior Girder 3	28.3167	0.95	1	1	10.980663
Type 3S2_str	BOBJ1	220.3767	Before	Interior Girder 4	28.3167	0.95	1	1	10.980663
Type 3S2_str	BOBJ1	220.3767	Before	Interior Girder 5	28.3167	0.95	1	1	13.013636
Type 3S2_str	BOBJ1	220.3767	Before	Interior Girder 6	28.3167	0.95	1	1	14.594143
Type 3S2_str	BOBJ1	220.3767	Before	Right Exterior Girder	28.3167	0.95	1	1	28.988859
Type 3S2_str	BOBJ1	220.3767	After	Left Exterior Girder	28.3167	0.95	1	1	37.926719
Type 3S2_str	BOBJ1	220.3767	After	Interior Girder 1	28.3167	0.95	1	1	19.264185
Type 3S2_str	BOBJ1	220.3767	After	Interior Girder 2	28.3167	0.95	1	1	17.008545
Type 3S2_str	BOBJ1	220.3767	After	Interior Girder 3	28.3167	0.95	1	1	14.216954
Type 3S2_str	BOBJ1	220.3767	After	Interior Girder 4	28.3167	0.95	1	1	14.216954
Type 3S2_str	BOBJ1	220.3767	After	Interior Girder 5	28.3167	0.95	1	1	17.008545
Type 3S2_str	BOBJ1	220.3767	After	Interior Girder 6	28.3167	0.95	1	1	19.264185
Type 3S2_str	BOBJ1	220.3767	After	Right Exterior Girder	28.3167	0.95	1	1	37.926719
Type 3S2_str	BOBJ1	225.9933	Before	Left Exterior Girder	33.9333	0.95	1	1	38.331123
Type 3S2_str	BOBJ1	225.9933	Before	Interior Girder 1	33.9333	0.95	1	1	19.541835
Type 3S2_str	BOBJ1	225.9933	Before	Interior Girder 2	33.9333	0.95	1	1	17.253388
Type 3S2_str	BOBJ1	225.9933	Before	Interior Girder 3	33.9333	0.95	1	1	14.421624
Type 3S2_str	BOBJ1	225.9933	Before	Interior Girder 4	33.9333	0.95	1	1	14.421624
Type 3S2_str	BOBJ1	225.9933	Before	Interior Girder 5	33.9333	0.95	1	1	17.253388
Type 3S2_str	BOBJ1	225.9933	Before	Interior Girder 6	33.9333	0.95	1	1	19.541835
Type 3S2_str	BOBJ1	225.9933	Before	Right Exterior Girder	33.9333	0.95	1	1	38.331123
Type 3S2_str	BOBJ1	225.9933	After	Left Exterior Girder	33.9333	0.95	1	1	35.392721
Type 3S2_str	BOBJ1	225.9933	After	Interior Girder 1	33.9333	0.95	1	1	16.847258
Type 3S2_str	BOBJ1	225.9933	After	Interior Girder 2	33.9333	0.95	1	1	14.909601
Type 3S2_str	BOBJ1	225.9933	After	Interior Girder 3	33.9333	0.95	1	1	12.632375
Type 3S2_str	BOBJ1	225.9933	After	Interior Girder 4	33.9333	0.95	1	1	12.632375
Type 3S2_str	BOBJ1	225.9933	After	Interior Girder 5	33.9333	0.95	1	1	14.909601
Type 3S2_str	BOBJ1	225.9933	After	Interior Girder 6	33.9333	0.95	1	1	16.847258
Type 3S2_str	BOBJ1	225.9933	After	Right Exterior Girder	33.9333	0.95	1	1	35.392721
Type 3S2_str	BOBJ1	231.61	Before	Left Exterior Girder	39.55	0.95	1	1	35.0238
Type 3S2_str	BOBJ1	231.61	Before	Interior Girder 1	39.55	0.95	1	1	16.610053
Type 3S2_str	BOBJ1	231.61	Before	Interior Girder 2	39.55	0.95	1	1	14.699396
Type 3S2_str	BOBJ1	231.61	Before	Interior Girder 3	39.55	0.95	1	1	12.454191
Type 3S2_str	BOBJ1	231.61	Before	Interior Girder 4	39.55	0.95	1	1	12.454191
Type 3S2_str	BOBJ1	231.61	Before	Interior Girder 5	39.55	0.95	1	1	14.699396
Type 3S2_str	BOBJ1	231.61	Before	Interior Girder 6	39.55	0.95	1	1	16.610053
Type 3S2_str	BOBJ1	231.61	Before	Right Exterior Girder	39.55	0.95	1	1	35.0238
Type 3S2_str	BOBJ1	231.61	After	Left Exterior Girder	39.55	0.95	1	1	20.467182
Type 3S2_str	BOBJ1	231.61	After	Interior Girder 1	39.55	0.95	1	1	15.930099
Type 3S2_str	BOBJ1	231.61	After	Interior Girder 2	39.55	0.95	1	1	14.193921

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Approach, Span 12-1									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Type 3S2_str	BOBJ1	231.61	After	Interior Girder 3	39.55	0.95	1	1	13.196237
Type 3S2_str	BOBJ1	231.61	After	Interior Girder 4	39.55	0.95	1	1	13.196237
Type 3S2_str	BOBJ1	231.61	After	Interior Girder 5	39.55	0.95	1	1	14.193921
Type 3S2_str	BOBJ1	231.61	After	Interior Girder 6	39.55	0.95	1	1	15.930099
Type 3S2_str	BOBJ1	231.61	After	Right Exterior Girder	39.55	0.95	1	1	20.467182
Type 3S2_str	BOBJ1	237.37	Before	Left Exterior Girder	45.31	0.95	1	1	20.242577
Type 3S2_str	BOBJ1	237.37	Before	Interior Girder 1	45.31	0.95	1	1	15.694439
Type 3S2_str	BOBJ1	237.37	Before	Interior Girder 2	45.31	0.95	1	1	13.984944
Type 3S2_str	BOBJ1	237.37	Before	Interior Girder 3	45.31	0.95	1	1	13.00132
Type 3S2_str	BOBJ1	237.37	Before	Interior Girder 4	45.31	0.95	1	1	13.00132
Type 3S2_str	BOBJ1	237.37	Before	Interior Girder 5	45.31	0.95	1	1	13.984944
Type 3S2_str	BOBJ1	237.37	Before	Interior Girder 6	45.31	0.95	1	1	15.694439
Type 3S2_str	BOBJ1	237.37	Before	Right Exterior Girder	45.31	0.95	1	1	20.242577
Type 3S2_str	BOBJ1	237.37	After	Left Exterior Girder	45.31	0.95	1	1	16.601012
Type 3S2_str	BOBJ1	237.37	After	Interior Girder 1	45.31	0.95	1	1	11.859084
Type 3S2_str	BOBJ1	237.37	After	Interior Girder 2	45.31	0.95	1	1	10.769512
Type 3S2_str	BOBJ1	237.37	After	Interior Girder 3	45.31	0.95	1	1	9.837286
Type 3S2_str	BOBJ1	237.37	After	Interior Girder 4	45.31	0.95	1	1	9.837286
Type 3S2_str	BOBJ1	237.37	After	Interior Girder 5	45.31	0.95	1	1	10.769512
Type 3S2_str	BOBJ1	237.37	After	Interior Girder 6	45.31	0.95	1	1	11.859084
Type 3S2_str	BOBJ1	237.37	After	Right Exterior Girder	45.31	0.95	1	1	16.601012
Type 3S2_str	BOBJ1	243.13	Before	Left Exterior Girder	51.07	0.95	1	1	16.413232
Type 3S2_str	BOBJ1	243.13	Before	Interior Girder 1	51.07	0.95	1	1	11.680128
Type 3S2_str	BOBJ1	243.13	Before	Interior Girder 2	51.07	0.95	1	1	10.607798
Type 3S2_str	BOBJ1	243.13	Before	Interior Girder 3	51.07	0.95	1	1	9.68897
Type 3S2_str	BOBJ1	243.13	Before	Interior Girder 4	51.07	0.95	1	1	9.68897
Type 3S2_str	BOBJ1	243.13	Before	Interior Girder 5	51.07	0.95	1	1	10.607798
Type 3S2_str	BOBJ1	243.13	Before	Interior Girder 6	51.07	0.95	1	1	11.680128
Type 3S2_str	BOBJ1	243.13	Before	Right Exterior Girder	51.07	0.95	1	1	16.413232
Type 3S2_str	BOBJ1	243.13	After	Left Exterior Girder	51.07	0.95	1	1	13.523582
Type 3S2_str	BOBJ1	243.13	After	Interior Girder 1	51.07	0.95	1	1	8.666163
Type 3S2_str	BOBJ1	243.13	After	Interior Girder 2	51.07	0.95	1	1	8.060454
Type 3S2_str	BOBJ1	243.13	After	Interior Girder 3	51.07	0.95	1	1	7.010427
Type 3S2_str	BOBJ1	243.13	After	Interior Girder 4	51.07	0.95	1	1	7.010427
Type 3S2_str	BOBJ1	243.13	After	Interior Girder 5	51.07	0.95	1	1	8.060454
Type 3S2_str	BOBJ1	243.13	After	Interior Girder 6	51.07	0.95	1	1	8.666163
Type 3S2_str	BOBJ1	243.13	After	Right Exterior Girder	51.07	0.95	1	1	13.523582
Type 3S2_str	BOBJ1	248.89	Before	Left Exterior Girder	56.83	0.95	1	1	13.365469
Type 3S2_str	BOBJ1	248.89	Before	Interior Girder 1	56.83	0.95	1	1	8.533032
Type 3S2_str	BOBJ1	248.89	Before	Interior Girder 2	56.83	0.95	1	1	7.936914
Type 3S2_str	BOBJ1	248.89	Before	Interior Girder 3	56.83	0.95	1	1	6.902467
Type 3S2_str	BOBJ1	248.89	Before	Interior Girder 4	56.83	0.95	1	1	6.902467
Type 3S2_str	BOBJ1	248.89	Before	Interior Girder 5	56.83	0.95	1	1	7.936914
Type 3S2_str	BOBJ1	248.89	Before	Interior Girder 6	56.83	0.95	1	1	8.533032
Type 3S2_str	BOBJ1	248.89	Before	Right Exterior Girder	56.83	0.95	1	1	13.365469
Type 3-3_str	BOBJ1	0	After	Left Exterior Girder	0	0.95	1	1	13.984909
Type 3-3_str	BOBJ1	0	After	Interior Girder 1	0	0.95	1	1	10.079522
Type 3-3_str	BOBJ1	0	After	Interior Girder 2	0	0.95	1	1	9.23156
Type 3-3_str	BOBJ1	0	After	Interior Girder 3	0	0.95	1	1	8.197009
Type 3-3_str	BOBJ1	0	After	Interior Girder 4	0	0.95	1	1	8.197009
Type 3-3_str	BOBJ1	0	After	Interior Girder 5	0	0.95	1	1	9.23156
Type 3-3_str	BOBJ1	0	After	Interior Girder 6	0	0.95	1	1	10.079522
Type 3-3_str	BOBJ1	0	After	Right Exterior Girder	0	0.95	1	1	13.984909
Type 3-3_str	BOBJ1	5.85	Before	Left Exterior Girder	5.85	0.95	1	1	14.139191
Type 3-3_str	BOBJ1	5.85	Before	Interior Girder 1	5.85	0.95	1	1	10.229098
Type 3-3_str	BOBJ1	5.85	Before	Interior Girder 2	5.85	0.95	1	1	9.367685
Type 3-3_str	BOBJ1	5.85	Before	Interior Girder 3	5.85	0.95	1	1	8.318758
Type 3-3_str	BOBJ1	5.85	Before	Interior Girder 4	5.85	0.95	1	1	8.318758
Type 3-3_str	BOBJ1	5.85	Before	Interior Girder 5	5.85	0.95	1	1	9.367685
Type 3-3_str	BOBJ1	5.85	Before	Interior Girder 6	5.85	0.95	1	1	10.229098
Type 3-3_str	BOBJ1	5.85	Before	Right Exterior Girder	5.85	0.95	1	1	14.139191
Type 3-3_str	BOBJ1	5.85	After	Left Exterior Girder	5.85	0.95	1	1	18.997997
Type 3-3_str	BOBJ1	5.85	After	Interior Girder 1	5.85	0.95	1	1	12.131116
Type 3-3_str	BOBJ1	5.85	After	Interior Girder 2	5.85	0.95	1	1	11.184122
Type 3-3_str	BOBJ1	5.85	After	Interior Girder 3	5.85	0.95	1	1	9.974634

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Approach, Span 12-1									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Type 3-3_str	BOBJ1	5.85	After	Interior Girder 4	5.85	0.95	1	1	9.974634
Type 3-3_str	BOBJ1	5.85	After	Interior Girder 5	5.85	0.95	1	1	11.184122
Type 3-3_str	BOBJ1	5.85	After	Interior Girder 6	5.85	0.95	1	1	12.131116
Type 3-3_str	BOBJ1	5.85	After	Right Exterior Girder	5.85	0.95	1	1	18.997997
Type 3-3_str	BOBJ1	11.4667	Before	Left Exterior Girder	11.4667	0.95	1	1	19.193074
Type 3-3_str	BOBJ1	11.4667	Before	Interior Girder 1	11.4667	0.95	1	1	12.300304
Type 3-3_str	BOBJ1	11.4667	Before	Interior Girder 2	11.4667	0.95	1	1	11.339751
Type 3-3_str	BOBJ1	11.4667	Before	Interior Girder 3	11.4667	0.95	1	1	10.113647
Type 3-3_str	BOBJ1	11.4667	Before	Interior Girder 4	11.4667	0.95	1	1	10.113647
Type 3-3_str	BOBJ1	11.4667	Before	Interior Girder 5	11.4667	0.95	1	1	11.339751
Type 3-3_str	BOBJ1	11.4667	Before	Interior Girder 6	11.4667	0.95	1	1	12.300304
Type 3-3_str	BOBJ1	11.4667	Before	Right Exterior Girder	11.4667	0.95	1	1	19.193074
Type 3-3_str	BOBJ1	11.4667	After	Left Exterior Girder	11.4667	0.95	1	1	24.69627
Type 3-3_str	BOBJ1	11.4667	After	Interior Girder 1	11.4667	0.95	1	1	16.627424
Type 3-3_str	BOBJ1	11.4667	After	Interior Girder 2	11.4667	0.95	1	1	15.177082
Type 3-3_str	BOBJ1	11.4667	After	Interior Girder 3	11.4667	0.95	1	1	13.726541
Type 3-3_str	BOBJ1	11.4667	After	Interior Girder 4	11.4667	0.95	1	1	13.726541
Type 3-3_str	BOBJ1	11.4667	After	Interior Girder 5	11.4667	0.95	1	1	15.177082
Type 3-3_str	BOBJ1	11.4667	After	Interior Girder 6	11.4667	0.95	1	1	16.627424
Type 3-3_str	BOBJ1	11.4667	After	Right Exterior Girder	11.4667	0.95	1	1	24.69627
Type 3-3_str	BOBJ1	17.0833	Before	Left Exterior Girder	17.0833	0.95	1	1	24.942618
Type 3-3_str	BOBJ1	17.0833	Before	Interior Girder 1	17.0833	0.95	1	1	16.855165
Type 3-3_str	BOBJ1	17.0833	Before	Interior Girder 2	17.0833	0.95	1	1	15.384419
Type 3-3_str	BOBJ1	17.0833	Before	Interior Girder 3	17.0833	0.95	1	1	13.914207
Type 3-3_str	BOBJ1	17.0833	Before	Interior Girder 4	17.0833	0.95	1	1	13.914207
Type 3-3_str	BOBJ1	17.0833	Before	Interior Girder 5	17.0833	0.95	1	1	15.384419
Type 3-3_str	BOBJ1	17.0833	Before	Interior Girder 6	17.0833	0.95	1	1	16.855165
Type 3-3_str	BOBJ1	17.0833	Before	Right Exterior Girder	17.0833	0.95	1	1	24.942618
Type 3-3_str	BOBJ1	17.0833	After	Left Exterior Girder	17.0833	0.95	1	1	31.988195
Type 3-3_str	BOBJ1	17.0833	After	Interior Girder 1	17.0833	0.95	1	1	22.687092
Type 3-3_str	BOBJ1	17.0833	After	Interior Girder 2	17.0833	0.95	1	1	20.658132
Type 3-3_str	BOBJ1	17.0833	After	Interior Girder 3	17.0833	0.95	1	1	17.655576
Type 3-3_str	BOBJ1	17.0833	After	Interior Girder 4	17.0833	0.95	1	1	17.655576
Type 3-3_str	BOBJ1	17.0833	After	Interior Girder 5	17.0833	0.95	1	1	20.658132
Type 3-3_str	BOBJ1	17.0833	After	Interior Girder 6	17.0833	0.95	1	1	22.687092
Type 3-3_str	BOBJ1	17.0833	After	Right Exterior Girder	17.0833	0.95	1	1	31.988195
Type 3-3_str	BOBJ1	22.7	Before	Left Exterior Girder	22.7	0.95	1	1	32.298558
Type 3-3_str	BOBJ1	22.7	Before	Interior Girder 1	22.7	0.95	1	1	22.99222
Type 3-3_str	BOBJ1	22.7	Before	Interior Girder 2	22.7	0.95	1	1	20.932872
Type 3-3_str	BOBJ1	22.7	Before	Interior Girder 3	22.7	0.95	1	1	17.424467
Type 3-3_str	BOBJ1	22.7	Before	Interior Girder 4	22.7	0.95	1	1	17.424467
Type 3-3_str	BOBJ1	22.7	Before	Interior Girder 5	22.7	0.95	1	1	20.932872
Type 3-3_str	BOBJ1	22.7	Before	Interior Girder 6	22.7	0.95	1	1	22.99222
Type 3-3_str	BOBJ1	22.7	Before	Right Exterior Girder	22.7	0.95	1	1	32.298558
Type 3-3_str	BOBJ1	22.7	After	Left Exterior Girder	22.7	0.95	1	1	40.013652
Type 3-3_str	BOBJ1	22.7	After	Interior Girder 1	22.7	0.95	1	1	22.687667
Type 3-3_str	BOBJ1	22.7	After	Interior Girder 2	22.7	0.95	1	1	19.753955
Type 3-3_str	BOBJ1	22.7	After	Interior Girder 3	22.7	0.95	1	1	16.645318
Type 3-3_str	BOBJ1	22.7	After	Interior Girder 4	22.7	0.95	1	1	16.645318
Type 3-3_str	BOBJ1	22.7	After	Interior Girder 5	22.7	0.95	1	1	19.753955
Type 3-3_str	BOBJ1	22.7	After	Interior Girder 6	22.7	0.95	1	1	22.687667
Type 3-3_str	BOBJ1	22.7	After	Right Exterior Girder	22.7	0.95	1	1	40.013652
Type 3-3_str	BOBJ1	28.3167	Before	Left Exterior Girder	28.3167	0.95	1	1	39.623026
Type 3-3_str	BOBJ1	28.3167	Before	Interior Girder 1	28.3167	0.95	1	1	22.98548
Type 3-3_str	BOBJ1	28.3167	Before	Interior Girder 2	28.3167	0.95	1	1	20.014222
Type 3-3_str	BOBJ1	28.3167	Before	Interior Girder 3	28.3167	0.95	1	1	16.864486
Type 3-3_str	BOBJ1	28.3167	Before	Interior Girder 4	28.3167	0.95	1	1	16.864486
Type 3-3_str	BOBJ1	28.3167	Before	Interior Girder 5	28.3167	0.95	1	1	20.014222
Type 3-3_str	BOBJ1	28.3167	Before	Interior Girder 6	28.3167	0.95	1	1	22.98548
Type 3-3_str	BOBJ1	28.3167	Before	Right Exterior Girder	28.3167	0.95	1	1	39.623026
Type 3-3_str	BOBJ1	28.3167	After	Left Exterior Girder	28.3167	0.95	1	1	29.422666
Type 3-3_str	BOBJ1	28.3167	After	Interior Girder 1	28.3167	0.95	1	1	17.813101
Type 3-3_str	BOBJ1	28.3167	After	Interior Girder 2	28.3167	0.95	1	1	16.248857
Type 3-3_str	BOBJ1	28.3167	After	Interior Girder 3	28.3167	0.95	1	1	13.879544
Type 3-3_str	BOBJ1	28.3167	After	Interior Girder 4	28.3167	0.95	1	1	13.879544

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Approach, Span 12-1									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Type 3-3_str	BOBJ1	28.3167	After	Interior Girder 5	28.3167	0.95	1	1	16.248857
Type 3-3_str	BOBJ1	28.3167	After	Interior Girder 6	28.3167	0.95	1	1	17.813101
Type 3-3_str	BOBJ1	28.3167	After	Right Exterior Girder	28.3167	0.95	1	1	29.422666
Type 3-3_str	BOBJ1	33.9333	Before	Left Exterior Girder	33.9333	0.95	1	1	29.127272
Type 3-3_str	BOBJ1	33.9333	Before	Interior Girder 1	33.9333	0.95	1	1	17.570416
Type 3-3_str	BOBJ1	33.9333	Before	Interior Girder 2	33.9333	0.95	1	1	16.028282
Type 3-3_str	BOBJ1	33.9333	Before	Interior Girder 3	33.9333	0.95	1	1	13.690927
Type 3-3_str	BOBJ1	33.9333	Before	Interior Girder 4	33.9333	0.95	1	1	13.690927
Type 3-3_str	BOBJ1	33.9333	Before	Interior Girder 5	33.9333	0.95	1	1	16.028282
Type 3-3_str	BOBJ1	33.9333	Before	Interior Girder 6	33.9333	0.95	1	1	17.570416
Type 3-3_str	BOBJ1	33.9333	Before	Right Exterior Girder	33.9333	0.95	1	1	29.127272
Type 3-3_str	BOBJ1	33.9333	After	Left Exterior Girder	33.9333	0.95	1	1	23.129201
Type 3-3_str	BOBJ1	33.9333	After	Interior Girder 1	33.9333	0.95	1	1	13.492668
Type 3-3_str	BOBJ1	33.9333	After	Interior Girder 2	33.9333	0.95	1	1	12.339443
Type 3-3_str	BOBJ1	33.9333	After	Interior Girder 3	33.9333	0.95	1	1	10.578789
Type 3-3_str	BOBJ1	33.9333	After	Interior Girder 4	33.9333	0.95	1	1	10.578789
Type 3-3_str	BOBJ1	33.9333	After	Interior Girder 5	33.9333	0.95	1	1	12.339443
Type 3-3_str	BOBJ1	33.9333	After	Interior Girder 6	33.9333	0.95	1	1	13.492668
Type 3-3_str	BOBJ1	33.9333	After	Right Exterior Girder	33.9333	0.95	1	1	23.129201
Type 3-3_str	BOBJ1	39.55	Before	Left Exterior Girder	39.55	0.95	1	1	22.89008
Type 3-3_str	BOBJ1	39.55	Before	Interior Girder 1	39.55	0.95	1	1	13.305554
Type 3-3_str	BOBJ1	39.55	Before	Interior Girder 2	39.55	0.95	1	1	12.168863
Type 3-3_str	BOBJ1	39.55	Before	Interior Girder 3	39.55	0.95	1	1	10.432231
Type 3-3_str	BOBJ1	39.55	Before	Interior Girder 4	39.55	0.95	1	1	10.432231
Type 3-3_str	BOBJ1	39.55	Before	Interior Girder 5	39.55	0.95	1	1	12.168863
Type 3-3_str	BOBJ1	39.55	Before	Interior Girder 6	39.55	0.95	1	1	13.305554
Type 3-3_str	BOBJ1	39.55	Before	Right Exterior Girder	39.55	0.95	1	1	22.89008
Type 3-3_str	BOBJ1	39.55	After	Left Exterior Girder	39.55	0.95	1	1	15.885984
Type 3-3_str	BOBJ1	39.55	After	Interior Girder 1	39.55	0.95	1	1	12.360073
Type 3-3_str	BOBJ1	39.55	After	Interior Girder 2	39.55	0.95	1	1	11.253099
Type 3-3_str	BOBJ1	39.55	After	Interior Girder 3	39.55	0.95	1	1	10.142854
Type 3-3_str	BOBJ1	39.55	After	Interior Girder 4	39.55	0.95	1	1	10.142854
Type 3-3_str	BOBJ1	39.55	After	Interior Girder 5	39.55	0.95	1	1	11.253099
Type 3-3_str	BOBJ1	39.55	After	Interior Girder 6	39.55	0.95	1	1	12.360073
Type 3-3_str	BOBJ1	39.55	After	Right Exterior Girder	39.55	0.95	1	1	15.885984
Type 3-3_str	BOBJ1	45.1733	Before	Left Exterior Girder	45.1226	0.95	1	1	15.71651
Type 3-3_str	BOBJ1	45.1733	Before	Interior Girder 1	45.1226	0.95	1	1	12.184984
Type 3-3_str	BOBJ1	45.1733	Before	Interior Girder 2	45.1226	0.95	1	1	11.09488
Type 3-3_str	BOBJ1	45.1733	Before	Interior Girder 3	45.1226	0.95	1	1	9.998819
Type 3-3_str	BOBJ1	45.1733	Before	Interior Girder 4	45.1226	0.95	1	1	9.998819
Type 3-3_str	BOBJ1	45.1733	Before	Interior Girder 5	45.1226	0.95	1	1	11.09488
Type 3-3_str	BOBJ1	45.1733	Before	Interior Girder 6	45.1226	0.95	1	1	12.184984
Type 3-3_str	BOBJ1	45.1733	Before	Right Exterior Girder	45.1226	0.95	1	1	15.71651
Type 3-3_str	BOBJ1	45.1733	After	Left Exterior Girder	45.1226	0.95	1	1	10.565256
Type 3-3_str	BOBJ1	45.1733	After	Interior Girder 1	45.1226	0.95	1	1	7.88952
Type 3-3_str	BOBJ1	45.1733	After	Interior Girder 2	45.1226	0.95	1	1	7.281449
Type 3-3_str	BOBJ1	45.1733	After	Interior Girder 3	45.1226	0.95	1	1	6.318494
Type 3-3_str	BOBJ1	45.1733	After	Interior Girder 4	45.1226	0.95	1	1	6.318494
Type 3-3_str	BOBJ1	45.1733	After	Interior Girder 5	45.1226	0.95	1	1	7.281449
Type 3-3_str	BOBJ1	45.1733	After	Interior Girder 6	45.1226	0.95	1	1	7.88952
Type 3-3_str	BOBJ1	45.1733	After	Right Exterior Girder	45.1226	0.95	1	1	10.565256
Type 3-3_str	BOBJ1	49.2561	Before	Left Exterior Girder	49.2561	0.95	1	1	10.467535
Type 3-3_str	BOBJ1	49.2561	Before	Right Exterior Girder	49.2561	0.95	1	1	10.467535
Type 3-3_str	BOBJ1	49.2561	After	Left Exterior Girder	49.2561	0.95	1	1	9.137091
Type 3-3_str	BOBJ1	49.2561	After	Right Exterior Girder	49.2561	0.95	1	1	9.137091
Type 3-3_str	BOBJ1	50.7967	Before	Left Exterior Girder	50.7967	0.95	1	1	9.101106
Type 3-3_str	BOBJ1	50.7967	Before	Interior Girder 1	50.7967	0.95	1	1	6.463252
Type 3-3_str	BOBJ1	50.7967	Before	Interior Girder 2	50.7967	0.95	1	1	7.161739
Type 3-3_str	BOBJ1	50.7967	Before	Interior Girder 3	50.7967	0.95	1	1	6.213027
Type 3-3_str	BOBJ1	50.7967	Before	Interior Girder 4	50.7967	0.95	1	1	6.213027
Type 3-3_str	BOBJ1	50.7967	Before	Interior Girder 5	50.7967	0.95	1	1	7.161739
Type 3-3_str	BOBJ1	50.7967	Before	Interior Girder 6	50.7967	0.95	1	1	6.463252
Type 3-3_str	BOBJ1	50.7967	Before	Right Exterior Girder	50.7967	0.95	1	1	9.101106
Type 3-3_str	BOBJ1	50.7967	After	Left Exterior Girder	50.7967	0.95	1	1	8.834706
Type 3-3_str	BOBJ1	50.7967	After	Interior Girder 1	50.7967	0.95	1	1	5.218363

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Approach, Span 12-1									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Type 3-3_str	BOBJ1	50.7967	After	Interior Girder 2	50.7967	0.95	1	1	5.470663
Type 3-3_str	BOBJ1	50.7967	After	Interior Girder 3	50.7967	0.95	1	1	4.438582
Type 3-3_str	BOBJ1	50.7967	After	Interior Girder 4	50.7967	0.95	1	1	4.438582
Type 3-3_str	BOBJ1	50.7967	After	Interior Girder 5	50.7967	0.95	1	1	5.470663
Type 3-3_str	BOBJ1	50.7967	After	Interior Girder 6	50.7967	0.95	1	1	5.218363
Type 3-3_str	BOBJ1	50.7967	After	Right Exterior Girder	50.7967	0.95	1	1	8.834706
Type 3-3_str	BOBJ1	51.3989	Before	Interior Girder 1	51.3989	0.95	1	1	5.208691
Type 3-3_str	BOBJ1	51.3989	Before	Interior Girder 2	51.3989	0.95	1	1	5.460849
Type 3-3_str	BOBJ1	51.3989	Before	Interior Girder 3	51.3989	0.95	1	1	4.430462
Type 3-3_str	BOBJ1	51.3989	Before	Interior Girder 4	51.3989	0.95	1	1	4.430462
Type 3-3_str	BOBJ1	51.3989	Before	Interior Girder 5	51.3989	0.95	1	1	5.460849
Type 3-3_str	BOBJ1	51.3989	Before	Interior Girder 6	51.3989	0.95	1	1	5.208691
Type 3-3_str	BOBJ1	51.3989	After	Interior Girder 1	51.3989	0.95	1	1	6.105979
Type 3-3_str	BOBJ1	51.3989	After	Interior Girder 2	51.3989	0.95	1	1	5.768294
Type 3-3_str	BOBJ1	51.3989	After	Interior Girder 3	51.3989	0.95	1	1	4.736509
Type 3-3_str	BOBJ1	51.3989	After	Interior Girder 4	51.3989	0.95	1	1	4.736509
Type 3-3_str	BOBJ1	51.3989	After	Interior Girder 5	51.3989	0.95	1	1	5.768294
Type 3-3_str	BOBJ1	51.3989	After	Interior Girder 6	51.3989	0.95	1	1	6.105979
Type 3-3_str	BOBJ1	56.42	Before	Left Exterior Girder	56.42	0.95	1	1	8.847436
Type 3-3_str	BOBJ1	56.42	Before	Interior Girder 1	56.42	0.95	1	1	6.009041
Type 3-3_str	BOBJ1	56.42	Before	Interior Girder 2	56.42	0.95	1	1	5.677464
Type 3-3_str	BOBJ1	56.42	Before	Interior Girder 3	56.42	0.95	1	1	4.660324
Type 3-3_str	BOBJ1	56.42	Before	Interior Girder 4	56.42	0.95	1	1	4.660324
Type 3-3_str	BOBJ1	56.42	Before	Interior Girder 5	56.42	0.95	1	1	5.677464
Type 3-3_str	BOBJ1	56.42	Before	Interior Girder 6	56.42	0.95	1	1	6.009041
Type 3-3_str	BOBJ1	56.42	Before	Right Exterior Girder	56.42	0.95	1	1	8.847436
Type 3-3_str	BOBJ1	56.42	After	Left Exterior Girder	0	0.95	1	1	8.301777
Type 3-3_str	BOBJ1	56.42	After	Interior Girder 1	0	0.95	1	1	5.954398
Type 3-3_str	BOBJ1	56.42	After	Interior Girder 2	0	0.95	1	1	5.616094
Type 3-3_str	BOBJ1	56.42	After	Interior Girder 3	0	0.95	1	1	4.662977
Type 3-3_str	BOBJ1	56.42	After	Interior Girder 4	0	0.95	1	1	4.662977
Type 3-3_str	BOBJ1	56.42	After	Interior Girder 5	0	0.95	1	1	5.616094
Type 3-3_str	BOBJ1	56.42	After	Interior Girder 6	0	0.95	1	1	5.954398
Type 3-3_str	BOBJ1	56.42	After	Right Exterior Girder	0	0.95	1	1	8.301777
Type 3-3_str	BOBJ1	62.0367	Before	Left Exterior Girder	5.6167	0.95	1	1	8.428035
Type 3-3_str	BOBJ1	62.0367	Before	Interior Girder 1	5.6167	0.95	1	1	6.060819
Type 3-3_str	BOBJ1	62.0367	Before	Interior Girder 2	5.6167	0.95	1	1	5.71573
Type 3-3_str	BOBJ1	62.0367	Before	Interior Girder 3	5.6167	0.95	1	1	4.747519
Type 3-3_str	BOBJ1	62.0367	Before	Interior Girder 4	5.6167	0.95	1	1	4.747519
Type 3-3_str	BOBJ1	62.0367	Before	Interior Girder 5	5.6167	0.95	1	1	5.71573
Type 3-3_str	BOBJ1	62.0367	Before	Interior Girder 6	5.6167	0.95	1	1	6.060819
Type 3-3_str	BOBJ1	62.0367	Before	Right Exterior Girder	5.6167	0.95	1	1	8.428035
Type 3-3_str	BOBJ1	62.0367	After	Left Exterior Girder	5.6167	0.95	1	1	13.223565
Type 3-3_str	BOBJ1	62.0367	After	Interior Girder 1	5.6167	0.95	1	1	5.880276
Type 3-3_str	BOBJ1	62.0367	After	Interior Girder 2	5.6167	0.95	1	1	6.601727
Type 3-3_str	BOBJ1	62.0367	After	Interior Girder 3	5.6167	0.95	1	1	5.661331
Type 3-3_str	BOBJ1	62.0367	After	Interior Girder 4	5.6167	0.95	1	1	5.661331
Type 3-3_str	BOBJ1	62.0367	After	Interior Girder 5	5.6167	0.95	1	1	6.601727
Type 3-3_str	BOBJ1	62.0367	After	Interior Girder 6	5.6167	0.95	1	1	5.880276
Type 3-3_str	BOBJ1	62.0367	After	Right Exterior Girder	5.6167	0.95	1	1	13.223565
Type 3-3_str	BOBJ1	62.4203	Before	Interior Girder 1	6.0003	0.95	1	1	5.887475
Type 3-3_str	BOBJ1	62.4203	Before	Interior Girder 2	6.0003	0.95	1	1	6.609573
Type 3-3_str	BOBJ1	62.4203	Before	Interior Girder 3	6.0003	0.95	1	1	5.668192
Type 3-3_str	BOBJ1	62.4203	Before	Interior Girder 4	6.0003	0.95	1	1	5.668192
Type 3-3_str	BOBJ1	62.4203	Before	Interior Girder 5	6.0003	0.95	1	1	6.609573
Type 3-3_str	BOBJ1	62.4203	Before	Interior Girder 6	6.0003	0.95	1	1	5.887475
Type 3-3_str	BOBJ1	62.4203	After	Interior Girder 1	6.0003	0.95	1	1	5.910804
Type 3-3_str	BOBJ1	62.4203	After	Interior Girder 2	6.0003	0.95	1	1	7.016915
Type 3-3_str	BOBJ1	62.4203	After	Interior Girder 3	6.0003	0.95	1	1	6.1747
Type 3-3_str	BOBJ1	62.4203	After	Interior Girder 4	6.0003	0.95	1	1	6.1747
Type 3-3_str	BOBJ1	62.4203	After	Interior Girder 5	6.0003	0.95	1	1	7.016915
Type 3-3_str	BOBJ1	62.4203	After	Interior Girder 6	6.0003	0.95	1	1	5.910804
Type 3-3_str	BOBJ1	64.9204	Before	Left Exterior Girder	8.5004	0.95	1	1	9.430192
Type 3-3_str	BOBJ1	64.9204	Before	Right Exterior Girder	8.5004	0.95	1	1	9.430192
Type 3-3_str	BOBJ1	64.9204	After	Left Exterior Girder	8.5004	0.95	1	1	9.54303

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Approach, Span 12-1									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Type 3-3_str	BOBJ1	64.9204	After	Right Exterior Girder	8.5004	0.95	1	1	9.54303
Type 3-3_str	BOBJ1	67.6533	Before	Left Exterior Girder	11.2333	0.95	1	1	9.601134
Type 3-3_str	BOBJ1	67.6533	Before	Interior Girder 1	11.2333	0.95	1	1	7.831614
Type 3-3_str	BOBJ1	67.6533	Before	Interior Girder 2	11.2333	0.95	1	1	7.125005
Type 3-3_str	BOBJ1	67.6533	Before	Interior Girder 3	11.2333	0.95	1	1	6.271335
Type 3-3_str	BOBJ1	67.6533	Before	Interior Girder 4	11.2333	0.95	1	1	6.271335
Type 3-3_str	BOBJ1	67.6533	Before	Interior Girder 5	11.2333	0.95	1	1	7.125005
Type 3-3_str	BOBJ1	67.6533	Before	Interior Girder 6	11.2333	0.95	1	1	7.831614
Type 3-3_str	BOBJ1	67.6533	Before	Right Exterior Girder	11.2333	0.95	1	1	9.601134
Type 3-3_str	BOBJ1	67.6533	After	Left Exterior Girder	11.2333	0.95	1	1	11.309648
Type 3-3_str	BOBJ1	67.6533	After	Interior Girder 1	11.2333	0.95	1	1	9.689458
Type 3-3_str	BOBJ1	67.6533	After	Interior Girder 2	11.2333	0.95	1	1	8.844153
Type 3-3_str	BOBJ1	67.6533	After	Interior Girder 3	11.2333	0.95	1	1	8.083822
Type 3-3_str	BOBJ1	67.6533	After	Interior Girder 4	11.2333	0.95	1	1	8.083822
Type 3-3_str	BOBJ1	67.6533	After	Interior Girder 5	11.2333	0.95	1	1	8.844153
Type 3-3_str	BOBJ1	67.6533	After	Interior Girder 6	11.2333	0.95	1	1	9.689458
Type 3-3_str	BOBJ1	67.6533	After	Right Exterior Girder	11.2333	0.95	1	1	11.309648
Type 3-3_str	BOBJ1	73.27	Before	Left Exterior Girder	16.85	0.95	1	1	11.446882
Type 3-3_str	BOBJ1	73.27	Before	Interior Girder 1	16.85	0.95	1	1	9.847792
Type 3-3_str	BOBJ1	73.27	Before	Interior Girder 2	16.85	0.95	1	1	8.987521
Type 3-3_str	BOBJ1	73.27	Before	Interior Girder 3	16.85	0.95	1	1	8.216512
Type 3-3_str	BOBJ1	73.27	Before	Interior Girder 4	16.85	0.95	1	1	8.216512
Type 3-3_str	BOBJ1	73.27	Before	Interior Girder 5	16.85	0.95	1	1	8.987521
Type 3-3_str	BOBJ1	73.27	Before	Interior Girder 6	16.85	0.95	1	1	9.847792
Type 3-3_str	BOBJ1	73.27	Before	Right Exterior Girder	16.85	0.95	1	1	11.446882
Type 3-3_str	BOBJ1	73.27	After	Left Exterior Girder	16.85	0.95	1	1	16.437169
Type 3-3_str	BOBJ1	73.27	After	Interior Girder 1	16.85	0.95	1	1	10.518504
Type 3-3_str	BOBJ1	73.27	After	Interior Girder 2	16.85	0.95	1	1	9.790769
Type 3-3_str	BOBJ1	73.27	After	Interior Girder 3	16.85	0.95	1	1	8.534815
Type 3-3_str	BOBJ1	73.27	After	Interior Girder 4	16.85	0.95	1	1	8.534815
Type 3-3_str	BOBJ1	73.27	After	Interior Girder 5	16.85	0.95	1	1	9.790769
Type 3-3_str	BOBJ1	73.27	After	Interior Girder 6	16.85	0.95	1	1	10.518504
Type 3-3_str	BOBJ1	73.27	After	Right Exterior Girder	16.85	0.95	1	1	16.437169
Type 3-3_str	BOBJ1	78.8867	Before	Left Exterior Girder	22.4667	0.95	1	1	16.629529
Type 3-3_str	BOBJ1	78.8867	Before	Interior Girder 1	22.4667	0.95	1	1	10.68645
Type 3-3_str	BOBJ1	78.8867	Before	Interior Girder 2	22.4667	0.95	1	1	9.946663
Type 3-3_str	BOBJ1	78.8867	Before	Interior Girder 3	22.4667	0.95	1	1	8.671104
Type 3-3_str	BOBJ1	78.8867	Before	Interior Girder 4	22.4667	0.95	1	1	8.671104
Type 3-3_str	BOBJ1	78.8867	Before	Interior Girder 5	22.4667	0.95	1	1	9.946663
Type 3-3_str	BOBJ1	78.8867	Before	Interior Girder 6	22.4667	0.95	1	1	10.68645
Type 3-3_str	BOBJ1	78.8867	Before	Right Exterior Girder	22.4667	0.95	1	1	16.629529
Type 3-3_str	BOBJ1	78.8867	After	Left Exterior Girder	22.4667	0.95	1	1	21.34412
Type 3-3_str	BOBJ1	78.8867	After	Interior Girder 1	22.4667	0.95	1	1	14.131612
Type 3-3_str	BOBJ1	78.8867	After	Interior Girder 2	22.4667	0.95	1	1	13.004082
Type 3-3_str	BOBJ1	78.8867	After	Interior Girder 3	22.4667	0.95	1	1	11.463189
Type 3-3_str	BOBJ1	78.8867	After	Interior Girder 4	22.4667	0.95	1	1	11.463189
Type 3-3_str	BOBJ1	78.8867	After	Interior Girder 5	22.4667	0.95	1	1	13.004082
Type 3-3_str	BOBJ1	78.8867	After	Interior Girder 6	22.4667	0.95	1	1	14.131612
Type 3-3_str	BOBJ1	78.8867	After	Right Exterior Girder	22.4667	0.95	1	1	21.34412
Type 3-3_str	BOBJ1	84.5033	Before	Left Exterior Girder	28.0833	0.95	1	1	21.58545
Type 3-3_str	BOBJ1	84.5033	Before	Interior Girder 1	28.0833	0.95	1	1	14.352671
Type 3-3_str	BOBJ1	84.5033	Before	Interior Girder 2	28.0833	0.95	1	1	13.206819
Type 3-3_str	BOBJ1	84.5033	Before	Interior Girder 3	28.0833	0.95	1	1	11.642185
Type 3-3_str	BOBJ1	84.5033	Before	Interior Girder 4	28.0833	0.95	1	1	11.642185
Type 3-3_str	BOBJ1	84.5033	Before	Interior Girder 5	28.0833	0.95	1	1	13.206819
Type 3-3_str	BOBJ1	84.5033	Before	Interior Girder 6	28.0833	0.95	1	1	14.352671
Type 3-3_str	BOBJ1	84.5033	Before	Right Exterior Girder	28.0833	0.95	1	1	21.58545
Type 3-3_str	BOBJ1	84.5033	After	Left Exterior Girder	28.0833	0.95	1	1	27.753088
Type 3-3_str	BOBJ1	84.5033	After	Interior Girder 1	28.0833	0.95	1	1	19.09491
Type 3-3_str	BOBJ1	84.5033	After	Interior Girder 2	28.0833	0.95	1	1	16.647047
Type 3-3_str	BOBJ1	84.5033	After	Interior Girder 3	28.0833	0.95	1	1	14.035411
Type 3-3_str	BOBJ1	84.5033	After	Interior Girder 4	28.0833	0.95	1	1	14.035411
Type 3-3_str	BOBJ1	84.5033	After	Interior Girder 5	28.0833	0.95	1	1	16.647047
Type 3-3_str	BOBJ1	84.5033	After	Interior Girder 6	28.0833	0.95	1	1	19.09491
Type 3-3_str	BOBJ1	84.5033	After	Right Exterior Girder	28.0833	0.95	1	1	27.753088

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Approach, Span 12-1									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Type 3-3_str	BOBJ1	90.12	Before	Left Exterior Girder	33.7	0.95	1	1	28.05675
Type 3-3_str	BOBJ1	90.12	Before	Interior Girder 1	33.7	0.95	1	1	18.985344
Type 3-3_str	BOBJ1	90.12	Before	Interior Girder 2	33.7	0.95	1	1	16.401467
Type 3-3_str	BOBJ1	90.12	Before	Interior Girder 3	33.7	0.95	1	1	13.828551
Type 3-3_str	BOBJ1	90.12	Before	Interior Girder 4	33.7	0.95	1	1	13.828551
Type 3-3_str	BOBJ1	90.12	Before	Interior Girder 5	33.7	0.95	1	1	16.401467
Type 3-3_str	BOBJ1	90.12	Before	Interior Girder 6	33.7	0.95	1	1	18.985344
Type 3-3_str	BOBJ1	90.12	Before	Right Exterior Girder	33.7	0.95	1	1	28.05675
Type 3-3_str	BOBJ1	90.12	After	Left Exterior Girder	33.7	0.95	1	1	29.314501
Type 3-3_str	BOBJ1	90.12	After	Interior Girder 1	33.7	0.95	1	1	18.865643
Type 3-3_str	BOBJ1	90.12	After	Interior Girder 2	33.7	0.95	1	1	16.331972
Type 3-3_str	BOBJ1	90.12	After	Interior Girder 3	33.7	0.95	1	1	13.792895
Type 3-3_str	BOBJ1	90.12	After	Interior Girder 4	33.7	0.95	1	1	13.792895
Type 3-3_str	BOBJ1	90.12	After	Interior Girder 5	33.7	0.95	1	1	16.331972
Type 3-3_str	BOBJ1	90.12	After	Interior Girder 6	33.7	0.95	1	1	18.865643
Type 3-3_str	BOBJ1	90.12	After	Right Exterior Girder	33.7	0.95	1	1	29.314501
Type 3-3_str	BOBJ1	95.7367	Before	Left Exterior Girder	39.3167	0.95	1	1	28.997288
Type 3-3_str	BOBJ1	95.7367	Before	Interior Girder 1	39.3167	0.95	1	1	19.146993
Type 3-3_str	BOBJ1	95.7367	Before	Interior Girder 2	39.3167	0.95	1	1	16.576359
Type 3-3_str	BOBJ1	95.7367	Before	Interior Girder 3	39.3167	0.95	1	1	13.999062
Type 3-3_str	BOBJ1	95.7367	Before	Interior Girder 4	39.3167	0.95	1	1	13.999062
Type 3-3_str	BOBJ1	95.7367	Before	Interior Girder 5	39.3167	0.95	1	1	16.576359
Type 3-3_str	BOBJ1	95.7367	Before	Interior Girder 6	39.3167	0.95	1	1	19.146993
Type 3-3_str	BOBJ1	95.7367	Before	Right Exterior Girder	39.3167	0.95	1	1	28.997288
Type 3-3_str	BOBJ1	95.7367	After	Left Exterior Girder	39.3167	0.95	1	1	22.166978
Type 3-3_str	BOBJ1	95.7367	After	Interior Girder 1	39.3167	0.95	1	1	14.524336
Type 3-3_str	BOBJ1	95.7367	After	Interior Girder 2	39.3167	0.95	1	1	13.385786
Type 3-3_str	BOBJ1	95.7367	After	Interior Girder 3	39.3167	0.95	1	1	11.695384
Type 3-3_str	BOBJ1	95.7367	After	Interior Girder 4	39.3167	0.95	1	1	11.695384
Type 3-3_str	BOBJ1	95.7367	After	Interior Girder 5	39.3167	0.95	1	1	13.385786
Type 3-3_str	BOBJ1	95.7367	After	Interior Girder 6	39.3167	0.95	1	1	14.524336
Type 3-3_str	BOBJ1	95.7367	After	Right Exterior Girder	39.3167	0.95	1	1	22.166978
Type 3-3_str	BOBJ1	101.3533	Before	Left Exterior Girder	44.9333	0.95	1	1	21.919196
Type 3-3_str	BOBJ1	101.3533	Before	Interior Girder 1	44.9333	0.95	1	1	14.300543
Type 3-3_str	BOBJ1	101.3533	Before	Interior Girder 2	44.9333	0.95	1	1	13.180169
Type 3-3_str	BOBJ1	101.3533	Before	Interior Girder 3	44.9333	0.95	1	1	11.515428
Type 3-3_str	BOBJ1	101.3533	Before	Interior Girder 4	44.9333	0.95	1	1	11.515428
Type 3-3_str	BOBJ1	101.3533	Before	Interior Girder 5	44.9333	0.95	1	1	13.180169
Type 3-3_str	BOBJ1	101.3533	Before	Interior Girder 6	44.9333	0.95	1	1	14.300543
Type 3-3_str	BOBJ1	101.3533	Before	Right Exterior Girder	44.9333	0.95	1	1	21.919196
Type 3-3_str	BOBJ1	101.3533	After	Left Exterior Girder	44.9333	0.95	1	1	17.038325
Type 3-3_str	BOBJ1	101.3533	After	Interior Girder 1	44.9333	0.95	1	1	10.801386
Type 3-3_str	BOBJ1	101.3533	After	Interior Girder 2	44.9333	0.95	1	1	10.048283
Type 3-3_str	BOBJ1	101.3533	After	Interior Girder 3	44.9333	0.95	1	1	8.708428
Type 3-3_str	BOBJ1	101.3533	After	Interior Girder 4	44.9333	0.95	1	1	8.708428
Type 3-3_str	BOBJ1	101.3533	After	Interior Girder 5	44.9333	0.95	1	1	10.048283
Type 3-3_str	BOBJ1	101.3533	After	Interior Girder 6	44.9333	0.95	1	1	10.801386
Type 3-3_str	BOBJ1	101.3533	After	Right Exterior Girder	44.9333	0.95	1	1	17.038325
Type 3-3_str	BOBJ1	106.97	Before	Left Exterior Girder	50.55	0.95	1	1	16.841278
Type 3-3_str	BOBJ1	106.97	Before	Interior Girder 1	50.55	0.95	1	1	10.631566
Type 3-3_str	BOBJ1	106.97	Before	Interior Girder 2	50.55	0.95	1	1	9.890688
Type 3-3_str	BOBJ1	106.97	Before	Interior Girder 3	50.55	0.95	1	1	8.571442
Type 3-3_str	BOBJ1	106.97	Before	Interior Girder 4	50.55	0.95	1	1	8.571442
Type 3-3_str	BOBJ1	106.97	Before	Interior Girder 5	50.55	0.95	1	1	9.890688
Type 3-3_str	BOBJ1	106.97	Before	Interior Girder 6	50.55	0.95	1	1	10.631566
Type 3-3_str	BOBJ1	106.97	Before	Right Exterior Girder	50.55	0.95	1	1	16.841278
Type 3-3_str	BOBJ1	106.97	After	Left Exterior Girder	50.55	0.95	1	1	11.683545
Type 3-3_str	BOBJ1	106.97	After	Interior Girder 1	50.55	0.95	1	1	9.996698
Type 3-3_str	BOBJ1	106.97	After	Interior Girder 2	50.55	0.95	1	1	9.115455
Type 3-3_str	BOBJ1	106.97	After	Interior Girder 3	50.55	0.95	1	1	8.319813
Type 3-3_str	BOBJ1	106.97	After	Interior Girder 4	50.55	0.95	1	1	8.319813
Type 3-3_str	BOBJ1	106.97	After	Interior Girder 5	50.55	0.95	1	1	9.115455
Type 3-3_str	BOBJ1	106.97	After	Interior Girder 6	50.55	0.95	1	1	9.996698
Type 3-3_str	BOBJ1	106.97	After	Right Exterior Girder	50.55	0.95	1	1	11.683545
Type 3-3_str	BOBJ1	112.5933	Before	Left Exterior Girder	56.1733	0.95	1	1	11.543355

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Approach, Span 12-1									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Type 3-3_str	BOBJ1	112.5933	Before	Interior Girder 1	56.1733	0.95	1	1	9.835719
Type 3-3_str	BOBJ1	112.5933	Before	Interior Girder 2	56.1733	0.95	1	1	8.969739
Type 3-3_str	BOBJ1	112.5933	Before	Interior Girder 3	56.1733	0.95	1	1	8.185192
Type 3-3_str	BOBJ1	112.5933	Before	Interior Girder 4	56.1733	0.95	1	1	8.185192
Type 3-3_str	BOBJ1	112.5933	Before	Interior Girder 5	56.1733	0.95	1	1	8.969739
Type 3-3_str	BOBJ1	112.5933	Before	Interior Girder 6	56.1733	0.95	1	1	9.835719
Type 3-3_str	BOBJ1	112.5933	Before	Right Exterior Girder	56.1733	0.95	1	1	11.543355
Type 3-3_str	BOBJ1	112.5933	After	Left Exterior Girder	56.1733	0.95	1	1	9.83675
Type 3-3_str	BOBJ1	112.5933	After	Interior Girder 1	56.1733	0.95	1	1	7.886948
Type 3-3_str	BOBJ1	112.5933	After	Interior Girder 2	56.1733	0.95	1	1	7.203362
Type 3-3_str	BOBJ1	112.5933	After	Interior Girder 3	56.1733	0.95	1	1	6.32624
Type 3-3_str	BOBJ1	112.5933	After	Interior Girder 4	56.1733	0.95	1	1	6.32624
Type 3-3_str	BOBJ1	112.5933	After	Interior Girder 5	56.1733	0.95	1	1	7.203362
Type 3-3_str	BOBJ1	112.5933	After	Interior Girder 6	56.1733	0.95	1	1	7.886948
Type 3-3_str	BOBJ1	112.5933	After	Right Exterior Girder	56.1733	0.95	1	1	9.83675
Type 3-3_str	BOBJ1	115.3396	Before	Left Exterior Girder	58.9196	0.95	1	1	9.77697
Type 3-3_str	BOBJ1	115.3396	Before	Right Exterior Girder	58.9196	0.95	1	1	9.77697
Type 3-3_str	BOBJ1	115.3396	After	Left Exterior Girder	58.9196	0.95	1	1	9.399118
Type 3-3_str	BOBJ1	115.3396	After	Right Exterior Girder	58.9196	0.95	1	1	9.399118
Type 3-3_str	BOBJ1	118.2167	Before	Left Exterior Girder	61.7967	0.95	1	1	9.328912
Type 3-3_str	BOBJ1	118.2167	Before	Interior Girder 1	61.9198	0.95	1	1	7.812466
Type 3-3_str	BOBJ1	118.2167	Before	Interior Girder 2	61.9198	0.95	1	1	7.085789
Type 3-3_str	BOBJ1	118.2167	Before	Interior Girder 3	61.9198	0.95	1	1	6.22138
Type 3-3_str	BOBJ1	118.2167	Before	Interior Girder 4	61.9198	0.95	1	1	6.22138
Type 3-3_str	BOBJ1	118.2167	Before	Interior Girder 5	61.9198	0.95	1	1	7.085789
Type 3-3_str	BOBJ1	118.2167	Before	Interior Girder 6	61.9198	0.95	1	1	7.812466
Type 3-3_str	BOBJ1	118.2167	Before	Right Exterior Girder	61.7967	0.95	1	1	9.328912
Type 3-3_str	BOBJ1	118.2167	After	Left Exterior Girder	61.7967	0.95	1	1	8.5312
Type 3-3_str	BOBJ1	118.2167	After	Interior Girder 1	61.9198	0.95	1	1	6.117886
Type 3-3_str	BOBJ1	118.2167	After	Interior Girder 2	61.9198	0.95	1	1	5.758536
Type 3-3_str	BOBJ1	118.2167	After	Interior Girder 3	61.9198	0.95	1	1	4.771427
Type 3-3_str	BOBJ1	118.2167	After	Interior Girder 4	61.9198	0.95	1	1	4.771427
Type 3-3_str	BOBJ1	118.2167	After	Interior Girder 5	61.9198	0.95	1	1	5.758536
Type 3-3_str	BOBJ1	118.2167	After	Interior Girder 6	61.9198	0.95	1	1	6.117886
Type 3-3_str	BOBJ1	118.2167	After	Right Exterior Girder	61.7967	0.95	1	1	8.5312
Type 3-3_str	BOBJ1	123.84	Before	Left Exterior Girder	67.42	0.95	1	1	8.403312
Type 3-3_str	BOBJ1	123.84	Before	Interior Girder 1	67.42	0.95	1	1	6.010286
Type 3-3_str	BOBJ1	123.84	Before	Interior Girder 2	67.42	0.95	1	1	5.657918
Type 3-3_str	BOBJ1	123.84	Before	Interior Girder 3	67.42	0.95	1	1	4.686294
Type 3-3_str	BOBJ1	123.84	Before	Interior Girder 4	67.42	0.95	1	1	4.686294
Type 3-3_str	BOBJ1	123.84	Before	Interior Girder 5	67.42	0.95	1	1	5.657918
Type 3-3_str	BOBJ1	123.84	Before	Interior Girder 6	67.42	0.95	1	1	6.010286
Type 3-3_str	BOBJ1	123.84	Before	Right Exterior Girder	67.42	0.95	1	1	8.403312
Type 3-3_str	BOBJ1	123.84	After	Left Exterior Girder	0	0.95	1	1	8.64693
Type 3-3_str	BOBJ1	123.84	After	Interior Girder 1	0	0.95	1	1	6.04611
Type 3-3_str	BOBJ1	123.84	After	Interior Girder 2	0	0.95	1	1	5.667145
Type 3-3_str	BOBJ1	123.84	After	Interior Girder 3	0	0.95	1	1	4.691239
Type 3-3_str	BOBJ1	123.84	After	Interior Girder 4	0	0.95	1	1	4.691239
Type 3-3_str	BOBJ1	123.84	After	Interior Girder 5	0	0.95	1	1	5.667145
Type 3-3_str	BOBJ1	123.84	After	Interior Girder 6	0	0.95	1	1	6.04611
Type 3-3_str	BOBJ1	123.84	After	Right Exterior Girder	0	0.95	1	1	8.64693
Type 3-3_str	BOBJ1	129.34	Before	Interior Girder 1	5.5	0.95	1	1	6.152093
Type 3-3_str	BOBJ1	129.34	Before	Interior Girder 2	5.5	0.95	1	1	5.765712
Type 3-3_str	BOBJ1	129.34	Before	Interior Girder 3	5.5	0.95	1	1	4.774793
Type 3-3_str	BOBJ1	129.34	Before	Interior Girder 4	5.5	0.95	1	1	4.774793
Type 3-3_str	BOBJ1	129.34	Before	Interior Girder 5	5.5	0.95	1	1	5.765712
Type 3-3_str	BOBJ1	129.34	Before	Interior Girder 6	5.5	0.95	1	1	6.152093
Type 3-3_str	BOBJ1	129.34	After	Interior Girder 1	5.5	0.95	1	1	5.889749
Type 3-3_str	BOBJ1	129.34	After	Interior Girder 2	5.5	0.95	1	1	6.014678
Type 3-3_str	BOBJ1	129.34	After	Interior Girder 3	5.5	0.95	1	1	4.953443
Type 3-3_str	BOBJ1	129.34	After	Interior Girder 4	5.5	0.95	1	1	4.953443
Type 3-3_str	BOBJ1	129.34	After	Interior Girder 5	5.5	0.95	1	1	6.014678
Type 3-3_str	BOBJ1	129.34	After	Interior Girder 6	5.5	0.95	1	1	5.889749
Type 3-3_str	BOBJ1	130.79	Before	Left Exterior Girder	6.95	0.95	1	1	7.57059
Type 3-3_str	BOBJ1	130.79	Before	Interior Girder 1	6.95	0.95	1	1	5.915575

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Approach, Span 12-1									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Type 3-3_str	BOBJ1	130.79	Before	Interior Girder 2	6.95	0.95	1	1	6.040447
Type 3-3_str	BOBJ1	130.79	Before	Interior Girder 3	6.95	0.95	1	1	4.975119
Type 3-3_str	BOBJ1	130.79	Before	Interior Girder 4	6.95	0.95	1	1	4.975119
Type 3-3_str	BOBJ1	130.79	Before	Interior Girder 5	6.95	0.95	1	1	6.040447
Type 3-3_str	BOBJ1	130.79	Before	Interior Girder 6	6.95	0.95	1	1	5.915575
Type 3-3_str	BOBJ1	130.79	Before	Right Exterior Girder	6.95	0.95	1	1	7.57059
Type 3-3_str	BOBJ1	130.79	After	Left Exterior Girder	6.95	0.95	1	1	8.537363
Type 3-3_str	BOBJ1	130.79	After	Interior Girder 1	6.95	0.95	1	1	8.315358
Type 3-3_str	BOBJ1	130.79	After	Interior Girder 2	6.95	0.95	1	1	7.928566
Type 3-3_str	BOBJ1	130.79	After	Interior Girder 3	6.95	0.95	1	1	7.163556
Type 3-3_str	BOBJ1	130.79	After	Interior Girder 4	6.95	0.95	1	1	7.163556
Type 3-3_str	BOBJ1	130.79	After	Interior Girder 5	6.95	0.95	1	1	7.928566
Type 3-3_str	BOBJ1	130.79	After	Interior Girder 6	6.95	0.95	1	1	8.315358
Type 3-3_str	BOBJ1	130.79	After	Right Exterior Girder	6.95	0.95	1	1	8.537363
Type 3-3_str	BOBJ1	132.34	Before	Left Exterior Girder	8.5	0.95	1	1	8.572429
Type 3-3_str	BOBJ1	132.34	Before	Right Exterior Girder	8.5	0.95	1	1	8.572429
Type 3-3_str	BOBJ1	132.34	After	Left Exterior Girder	8.5	0.95	1	1	10.282483
Type 3-3_str	BOBJ1	132.34	After	Right Exterior Girder	8.5	0.95	1	1	10.282483
Type 3-3_str	BOBJ1	137.74	Before	Left Exterior Girder	13.9	0.95	1	1	10.405148
Type 3-3_str	BOBJ1	137.74	Before	Interior Girder 1	13.9	0.95	1	1	8.877673
Type 3-3_str	BOBJ1	137.74	Before	Interior Girder 2	13.9	0.95	1	1	8.090298
Type 3-3_str	BOBJ1	137.74	Before	Interior Girder 3	13.9	0.95	1	1	7.312082
Type 3-3_str	BOBJ1	137.74	Before	Interior Girder 4	13.9	0.95	1	1	7.312082
Type 3-3_str	BOBJ1	137.74	Before	Interior Girder 5	13.9	0.95	1	1	8.090298
Type 3-3_str	BOBJ1	137.74	Before	Interior Girder 6	13.9	0.95	1	1	8.877673
Type 3-3_str	BOBJ1	137.74	Before	Right Exterior Girder	13.9	0.95	1	1	10.405148
Type 3-3_str	BOBJ1	137.74	After	Left Exterior Girder	13.9	0.95	1	1	14.563111
Type 3-3_str	BOBJ1	137.74	After	Interior Girder 1	13.9	0.95	1	1	9.678302
Type 3-3_str	BOBJ1	137.74	After	Interior Girder 2	13.9	0.95	1	1	8.957552
Type 3-3_str	BOBJ1	137.74	After	Interior Girder 3	13.9	0.95	1	1	7.897388
Type 3-3_str	BOBJ1	137.74	After	Interior Girder 4	13.9	0.95	1	1	7.897388
Type 3-3_str	BOBJ1	137.74	After	Interior Girder 5	13.9	0.95	1	1	8.957552
Type 3-3_str	BOBJ1	137.74	After	Interior Girder 6	13.9	0.95	1	1	9.678302
Type 3-3_str	BOBJ1	137.74	After	Right Exterior Girder	13.9	0.95	1	1	14.563111
Type 3-3_str	BOBJ1	143.7733	Before	Left Exterior Girder	19.9333	0.95	1	1	14.749664
Type 3-3_str	BOBJ1	143.7733	Before	Interior Girder 1	19.9333	0.95	1	1	9.846461
Type 3-3_str	BOBJ1	143.7733	Before	Interior Girder 2	19.9333	0.95	1	1	9.112754
Type 3-3_str	BOBJ1	143.7733	Before	Interior Girder 3	19.9333	0.95	1	1	8.034756
Type 3-3_str	BOBJ1	143.7733	Before	Interior Girder 4	19.9333	0.95	1	1	8.034756
Type 3-3_str	BOBJ1	143.7733	Before	Interior Girder 5	19.9333	0.95	1	1	9.112754
Type 3-3_str	BOBJ1	143.7733	Before	Interior Girder 6	19.9333	0.95	1	1	9.846461
Type 3-3_str	BOBJ1	143.7733	Before	Right Exterior Girder	19.9333	0.95	1	1	14.749664
Type 3-3_str	BOBJ1	143.7733	After	Left Exterior Girder	19.9333	0.95	1	1	18.77858
Type 3-3_str	BOBJ1	143.7733	After	Interior Girder 1	19.9333	0.95	1	1	13.06686
Type 3-3_str	BOBJ1	143.7733	After	Interior Girder 2	19.9333	0.95	1	1	11.940057
Type 3-3_str	BOBJ1	143.7733	After	Interior Girder 3	19.9333	0.95	1	1	10.709547
Type 3-3_str	BOBJ1	143.7733	After	Interior Girder 4	19.9333	0.95	1	1	10.709547
Type 3-3_str	BOBJ1	143.7733	After	Interior Girder 5	19.9333	0.95	1	1	11.940057
Type 3-3_str	BOBJ1	143.7733	After	Interior Girder 6	19.9333	0.95	1	1	13.06686
Type 3-3_str	BOBJ1	143.7733	After	Right Exterior Girder	19.9333	0.95	1	1	18.77858
Type 3-3_str	BOBJ1	149.8067	Before	Left Exterior Girder	25.9667	0.95	1	1	19.010212
Type 3-3_str	BOBJ1	149.8067	Before	Interior Girder 1	25.9667	0.95	1	1	13.288929
Type 3-3_str	BOBJ1	149.8067	Before	Interior Girder 2	25.9667	0.95	1	1	12.142268
Type 3-3_str	BOBJ1	149.8067	Before	Interior Girder 3	25.9667	0.95	1	1	10.891319
Type 3-3_str	BOBJ1	149.8067	Before	Interior Girder 4	25.9667	0.95	1	1	10.891319
Type 3-3_str	BOBJ1	149.8067	Before	Interior Girder 5	25.9667	0.95	1	1	12.142268
Type 3-3_str	BOBJ1	149.8067	Before	Interior Girder 6	25.9667	0.95	1	1	13.288929
Type 3-3_str	BOBJ1	149.8067	Before	Right Exterior Girder	25.9667	0.95	1	1	19.010212
Type 3-3_str	BOBJ1	149.8067	After	Left Exterior Girder	25.9667	0.95	1	1	24.708845
Type 3-3_str	BOBJ1	149.8067	After	Interior Girder 1	25.9667	0.95	1	1	18.083012
Type 3-3_str	BOBJ1	149.8067	After	Interior Girder 2	25.9667	0.95	1	1	16.424181
Type 3-3_str	BOBJ1	149.8067	After	Interior Girder 3	25.9667	0.95	1	1	14.778244
Type 3-3_str	BOBJ1	149.8067	After	Interior Girder 4	25.9667	0.95	1	1	14.778244
Type 3-3_str	BOBJ1	149.8067	After	Interior Girder 5	25.9667	0.95	1	1	16.424181
Type 3-3_str	BOBJ1	149.8067	After	Interior Girder 6	25.9667	0.95	1	1	18.083012

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Approach, Span 12-1									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Type 3-3_str	BOBJ1	149.8067	After	Right Exterior Girder	25.9667	0.95	1	1	24.708845
Type 3-3_str	BOBJ1	155.84	Before	Left Exterior Girder	32	0.95	1	1	25.00291
Type 3-3_str	BOBJ1	155.84	Before	Interior Girder 1	32	0.95	1	1	18.383545
Type 3-3_str	BOBJ1	155.84	Before	Interior Girder 2	32	0.95	1	1	16.696086
Type 3-3_str	BOBJ1	155.84	Before	Interior Girder 3	32	0.95	1	1	14.84997
Type 3-3_str	BOBJ1	155.84	Before	Interior Girder 4	32	0.95	1	1	14.84997
Type 3-3_str	BOBJ1	155.84	Before	Interior Girder 5	32	0.95	1	1	16.696086
Type 3-3_str	BOBJ1	155.84	Before	Interior Girder 6	32	0.95	1	1	18.383545
Type 3-3_str	BOBJ1	155.84	Before	Right Exterior Girder	32	0.95	1	1	25.00291
Type 3-3_str	BOBJ1	155.84	After	Left Exterior Girder	32	0.95	1	1	31.891604
Type 3-3_str	BOBJ1	155.84	After	Interior Girder 1	32	0.95	1	1	18.037662
Type 3-3_str	BOBJ1	155.84	After	Interior Girder 2	32	0.95	1	1	15.701167
Type 3-3_str	BOBJ1	155.84	After	Interior Girder 3	32	0.95	1	1	13.257395
Type 3-3_str	BOBJ1	155.84	After	Interior Girder 4	32	0.95	1	1	13.257394
Type 3-3_str	BOBJ1	155.84	After	Interior Girder 5	32	0.95	1	1	15.701167
Type 3-3_str	BOBJ1	155.84	After	Interior Girder 6	32	0.95	1	1	18.037662
Type 3-3_str	BOBJ1	155.84	After	Right Exterior Girder	32	0.95	1	1	31.891604
Type 3-3_str	BOBJ1	161.8733	Before	Left Exterior Girder	38.0333	0.95	1	1	31.524703
Type 3-3_str	BOBJ1	161.8733	Before	Interior Girder 1	38.0333	0.95	1	1	18.328803
Type 3-3_str	BOBJ1	161.8733	Before	Interior Girder 2	38.0333	0.95	1	1	15.955479
Type 3-3_str	BOBJ1	161.8733	Before	Interior Girder 3	38.0333	0.95	1	1	13.472008
Type 3-3_str	BOBJ1	161.8733	Before	Interior Girder 4	38.0333	0.95	1	1	13.472008
Type 3-3_str	BOBJ1	161.8733	Before	Interior Girder 5	38.0333	0.95	1	1	15.955479
Type 3-3_str	BOBJ1	161.8733	Before	Interior Girder 6	38.0333	0.95	1	1	18.328803
Type 3-3_str	BOBJ1	161.8733	Before	Right Exterior Girder	38.0333	0.95	1	1	31.524703
Type 3-3_str	BOBJ1	161.8733	After	Left Exterior Girder	38.0333	0.95	1	1	23.556026
Type 3-3_str	BOBJ1	161.8733	After	Interior Girder 1	38.0333	0.95	1	1	15.078035
Type 3-3_str	BOBJ1	161.8733	After	Interior Girder 2	38.0333	0.95	1	1	13.953492
Type 3-3_str	BOBJ1	161.8733	After	Interior Girder 3	38.0333	0.95	1	1	12.178347
Type 3-3_str	BOBJ1	161.8733	After	Interior Girder 4	38.0333	0.95	1	1	12.178347
Type 3-3_str	BOBJ1	161.8733	After	Interior Girder 5	38.0333	0.95	1	1	13.953492
Type 3-3_str	BOBJ1	161.8733	After	Interior Girder 6	38.0333	0.95	1	1	15.078035
Type 3-3_str	BOBJ1	161.8733	After	Right Exterior Girder	38.0333	0.95	1	1	23.556026
Type 3-3_str	BOBJ1	167.9067	Before	Left Exterior Girder	44.0667	0.95	1	1	23.275514
Type 3-3_str	BOBJ1	167.9067	Before	Interior Girder 1	44.0667	0.95	1	1	14.830005
Type 3-3_str	BOBJ1	167.9067	Before	Interior Girder 2	44.0667	0.95	1	1	13.72468
Type 3-3_str	BOBJ1	167.9067	Before	Interior Girder 3	44.0667	0.95	1	1	11.978425
Type 3-3_str	BOBJ1	167.9067	Before	Interior Girder 4	44.0667	0.95	1	1	11.978425
Type 3-3_str	BOBJ1	167.9067	Before	Interior Girder 5	44.0667	0.95	1	1	13.72468
Type 3-3_str	BOBJ1	167.9067	Before	Interior Girder 6	44.0667	0.95	1	1	14.830005
Type 3-3_str	BOBJ1	167.9067	Before	Right Exterior Girder	44.0667	0.95	1	1	23.275514
Type 3-3_str	BOBJ1	167.9067	After	Left Exterior Girder	44.0667	0.95	1	1	17.620991
Type 3-3_str	BOBJ1	167.9067	After	Interior Girder 1	44.0667	0.95	1	1	10.996148
Type 3-3_str	BOBJ1	167.9067	After	Interior Girder 2	44.0667	0.95	1	1	10.249106
Type 3-3_str	BOBJ1	167.9067	After	Interior Girder 3	44.0667	0.95	1	1	8.91273
Type 3-3_str	BOBJ1	167.9067	After	Interior Girder 4	44.0667	0.95	1	1	8.91273
Type 3-3_str	BOBJ1	167.9067	After	Interior Girder 5	44.0667	0.95	1	1	10.249106
Type 3-3_str	BOBJ1	167.9067	After	Interior Girder 6	44.0667	0.95	1	1	10.996148
Type 3-3_str	BOBJ1	167.9067	After	Right Exterior Girder	44.0667	0.95	1	1	17.620991
Type 3-3_str	BOBJ1	173.94	Before	Left Exterior Girder	50.1	0.95	1	1	17.403416
Type 3-3_str	BOBJ1	173.94	Before	Interior Girder 1	50.1	0.95	1	1	10.811308
Type 3-3_str	BOBJ1	173.94	Before	Interior Girder 2	50.1	0.95	1	1	10.077252
Type 3-3_str	BOBJ1	173.94	Before	Interior Girder 3	50.1	0.95	1	1	8.762939
Type 3-3_str	BOBJ1	173.94	Before	Interior Girder 4	50.1	0.95	1	1	8.762939
Type 3-3_str	BOBJ1	173.94	Before	Interior Girder 5	50.1	0.95	1	1	10.077252
Type 3-3_str	BOBJ1	173.94	Before	Interior Girder 6	50.1	0.95	1	1	10.811308
Type 3-3_str	BOBJ1	173.94	Before	Right Exterior Girder	50.1	0.95	1	1	17.403416
Type 3-3_str	BOBJ1	173.94	After	Left Exterior Girder	50.1	0.95	1	1	11.622419
Type 3-3_str	BOBJ1	173.94	After	Interior Girder 1	50.1	0.95	1	1	10.17012
Type 3-3_str	BOBJ1	173.94	After	Interior Girder 2	50.1	0.95	1	1	9.255094
Type 3-3_str	BOBJ1	173.94	After	Interior Girder 3	50.1	0.95	1	1	8.500025
Type 3-3_str	BOBJ1	173.94	After	Interior Girder 4	50.1	0.95	1	1	8.500025
Type 3-3_str	BOBJ1	173.94	After	Interior Girder 5	50.1	0.95	1	1	9.255094
Type 3-3_str	BOBJ1	173.94	After	Interior Girder 6	50.1	0.95	1	1	10.17012
Type 3-3_str	BOBJ1	173.94	After	Right Exterior Girder	50.1	0.95	1	1	11.622419

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Approach, Span 12-1									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Type 3-3_str	BOBJ1	179.98	Before	Left Exterior Girder	56.14	0.95	1	1	11.473206
Type 3-3_str	BOBJ1	179.98	Before	Interior Girder 1	56.14	0.95	1	1	9.99474
Type 3-3_str	BOBJ1	179.98	Before	Interior Girder 2	56.14	0.95	1	1	9.096689
Type 3-3_str	BOBJ1	179.98	Before	Interior Girder 3	56.14	0.95	1	1	8.352881
Type 3-3_str	BOBJ1	179.98	Before	Interior Girder 4	56.14	0.95	1	1	8.352881
Type 3-3_str	BOBJ1	179.98	Before	Interior Girder 5	56.14	0.95	1	1	9.096689
Type 3-3_str	BOBJ1	179.98	Before	Interior Girder 6	56.14	0.95	1	1	9.99474
Type 3-3_str	BOBJ1	179.98	Before	Right Exterior Girder	56.14	0.95	1	1	11.473206
Type 3-3_str	BOBJ1	179.98	After	Left Exterior Girder	56.14	0.95	1	1	9.782857
Type 3-3_str	BOBJ1	179.98	After	Interior Girder 1	56.14	0.95	1	1	7.831091
Type 3-3_str	BOBJ1	179.98	After	Interior Girder 2	56.14	0.95	1	1	7.19617
Type 3-3_str	BOBJ1	179.98	After	Interior Girder 3	56.14	0.95	1	1	6.389607
Type 3-3_str	BOBJ1	179.98	After	Interior Girder 4	56.14	0.95	1	1	6.389607
Type 3-3_str	BOBJ1	179.98	After	Interior Girder 5	56.14	0.95	1	1	7.19617
Type 3-3_str	BOBJ1	179.98	After	Interior Girder 6	56.14	0.95	1	1	7.831091
Type 3-3_str	BOBJ1	179.98	After	Right Exterior Girder	56.14	0.95	1	1	9.782857
Type 3-3_str	BOBJ1	183.56	Before	Left Exterior Girder	59.72	0.95	1	1	9.705576
Type 3-3_str	BOBJ1	183.56	Before	Right Exterior Girder	59.72	0.95	1	1	9.705576
Type 3-3_str	BOBJ1	183.56	After	Left Exterior Girder	59.72	0.95	1	1	9.018024
Type 3-3_str	BOBJ1	183.56	After	Right Exterior Girder	59.72	0.95	1	1	9.018024
Type 3-3_str	BOBJ1	186.02	Before	Left Exterior Girder	62.18	0.95	1	1	8.959185
Type 3-3_str	BOBJ1	186.02	Before	Interior Girder 1	62.22	0.95	1	1	7.920053
Type 3-3_str	BOBJ1	186.02	Before	Interior Girder 2	62.22	0.95	1	1	7.07022
Type 3-3_str	BOBJ1	186.02	Before	Interior Girder 3	62.22	0.95	1	1	6.276109
Type 3-3_str	BOBJ1	186.02	Before	Interior Girder 4	62.22	0.95	1	1	6.276109
Type 3-3_str	BOBJ1	186.02	Before	Interior Girder 5	62.22	0.95	1	1	7.07022
Type 3-3_str	BOBJ1	186.02	Before	Interior Girder 6	62.22	0.95	1	1	7.920053
Type 3-3_str	BOBJ1	186.02	Before	Right Exterior Girder	62.18	0.95	1	1	8.959185
Type 3-3_str	BOBJ1	186.02	After	Left Exterior Girder	62.18	0.95	1	1	8.343373
Type 3-3_str	BOBJ1	186.02	After	Interior Girder 1	62.22	0.95	1	1	6.063102
Type 3-3_str	BOBJ1	186.02	After	Interior Girder 2	62.22	0.95	1	1	5.693908
Type 3-3_str	BOBJ1	186.02	After	Interior Girder 3	62.22	0.95	1	1	4.755511
Type 3-3_str	BOBJ1	186.02	After	Interior Girder 4	62.22	0.95	1	1	4.755511
Type 3-3_str	BOBJ1	186.02	After	Interior Girder 5	62.22	0.95	1	1	5.693908
Type 3-3_str	BOBJ1	186.02	After	Interior Girder 6	62.22	0.95	1	1	6.063102
Type 3-3_str	BOBJ1	186.02	After	Right Exterior Girder	62.18	0.95	1	1	8.343373
Type 3-3_str	BOBJ1	192.06	Before	Left Exterior Girder	68.22	0.95	1	1	8.206509
Type 3-3_str	BOBJ1	192.06	Before	Interior Girder 1	68.22	0.95	1	1	5.947516
Type 3-3_str	BOBJ1	192.06	Before	Interior Girder 2	68.22	0.95	1	1	5.586063
Type 3-3_str	BOBJ1	192.06	Before	Interior Girder 3	68.22	0.95	1	1	4.663554
Type 3-3_str	BOBJ1	192.06	Before	Interior Girder 4	68.22	0.95	1	1	4.663554
Type 3-3_str	BOBJ1	192.06	Before	Interior Girder 5	68.22	0.95	1	1	5.586063
Type 3-3_str	BOBJ1	192.06	Before	Interior Girder 6	68.22	0.95	1	1	5.947516
Type 3-3_str	BOBJ1	192.06	Before	Right Exterior Girder	68.22	0.95	1	1	8.206509
Type 3-3_str	BOBJ1	192.06	After	Left Exterior Girder	0	0.95	1	1	8.767668
Type 3-3_str	BOBJ1	192.06	After	Interior Girder 1	0	0.95	1	1	6.239345
Type 3-3_str	BOBJ1	192.06	After	Interior Girder 2	0	0.95	1	1	5.843378
Type 3-3_str	BOBJ1	192.06	After	Interior Girder 3	0	0.95	1	1	4.658044
Type 3-3_str	BOBJ1	192.06	After	Interior Girder 4	0	0.95	1	1	4.658044
Type 3-3_str	BOBJ1	192.06	After	Interior Girder 5	0	0.95	1	1	5.843378
Type 3-3_str	BOBJ1	192.06	After	Interior Girder 6	0	0.95	1	1	6.239345
Type 3-3_str	BOBJ1	192.06	After	Right Exterior Girder	0	0.95	1	1	8.767668
Type 3-3_str	BOBJ1	197.087	Before	Interior Girder 1	5.027	0.95	1	1	6.341011
Type 3-3_str	BOBJ1	197.087	Before	Interior Girder 2	5.027	0.95	1	1	5.93753
Type 3-3_str	BOBJ1	197.087	Before	Interior Girder 3	5.027	0.95	1	1	4.73576
Type 3-3_str	BOBJ1	197.087	Before	Interior Girder 4	5.027	0.95	1	1	4.73576
Type 3-3_str	BOBJ1	197.087	Before	Interior Girder 5	5.027	0.95	1	1	5.93753
Type 3-3_str	BOBJ1	197.087	Before	Interior Girder 6	5.027	0.95	1	1	6.341011
Type 3-3_str	BOBJ1	197.087	After	Interior Girder 1	5.027	0.95	1	1	6.39343
Type 3-3_str	BOBJ1	197.087	After	Interior Girder 2	5.027	0.95	1	1	6.975487
Type 3-3_str	BOBJ1	197.087	After	Interior Girder 3	5.027	0.95	1	1	5.756234
Type 3-3_str	BOBJ1	197.087	After	Interior Girder 4	5.027	0.95	1	1	5.756234
Type 3-3_str	BOBJ1	197.087	After	Interior Girder 5	5.027	0.95	1	1	6.975487
Type 3-3_str	BOBJ1	197.087	After	Interior Girder 6	5.027	0.95	1	1	6.39343
Type 3-3_str	BOBJ1	197.91	Before	Left Exterior Girder	5.85	0.95	1	1	8.20242

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Approach, Span 12-1									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Type 3-3_str	BOBJ1	197.91	Before	Interior Girder 1	5.85	0.95	1	1	6.40959
Type 3-3_str	BOBJ1	197.91	Before	Interior Girder 2	5.85	0.95	1	1	6.992562
Type 3-3_str	BOBJ1	197.91	Before	Interior Girder 3	5.85	0.95	1	1	5.770776
Type 3-3_str	BOBJ1	197.91	Before	Interior Girder 4	5.85	0.95	1	1	5.770776
Type 3-3_str	BOBJ1	197.91	Before	Interior Girder 5	5.85	0.95	1	1	6.992562
Type 3-3_str	BOBJ1	197.91	Before	Interior Girder 6	5.85	0.95	1	1	6.40959
Type 3-3_str	BOBJ1	197.91	Before	Right Exterior Girder	5.85	0.95	1	1	8.20242
Type 3-3_str	BOBJ1	197.91	After	Left Exterior Girder	5.85	0.95	1	1	9.203902
Type 3-3_str	BOBJ1	197.91	After	Interior Girder 1	5.85	0.95	1	1	6.485637
Type 3-3_str	BOBJ1	197.91	After	Interior Girder 2	5.85	0.95	1	1	6.903199
Type 3-3_str	BOBJ1	197.91	After	Interior Girder 3	5.85	0.95	1	1	5.919849
Type 3-3_str	BOBJ1	197.91	After	Interior Girder 4	5.85	0.95	1	1	5.919849
Type 3-3_str	BOBJ1	197.91	After	Interior Girder 5	5.85	0.95	1	1	6.903199
Type 3-3_str	BOBJ1	197.91	After	Interior Girder 6	5.85	0.95	1	1	6.485637
Type 3-3_str	BOBJ1	197.91	After	Right Exterior Girder	5.85	0.95	1	1	9.203902
Type 3-3_str	BOBJ1	199.1816	Before	Left Exterior Girder	7.1216	0.95	1	1	9.235965
Type 3-3_str	BOBJ1	199.1816	Before	Right Exterior Girder	7.1216	0.95	1	1	9.235965
Type 3-3_str	BOBJ1	199.1816	After	Left Exterior Girder	7.1216	0.95	1	1	10.888868
Type 3-3_str	BOBJ1	199.1816	After	Right Exterior Girder	7.1216	0.95	1	1	10.888868
Type 3-3_str	BOBJ1	203.5267	Before	Left Exterior Girder	11.3107	0.95	1	1	11.000995
Type 3-3_str	BOBJ1	203.5267	Before	Interior Girder 1	11.3107	0.95	1	1	7.539634
Type 3-3_str	BOBJ1	203.5267	Before	Interior Girder 2	11.3107	0.95	1	1	7.018854
Type 3-3_str	BOBJ1	203.5267	Before	Interior Girder 3	11.3107	0.95	1	1	6.0202
Type 3-3_str	BOBJ1	203.5267	Before	Interior Girder 4	11.3107	0.95	1	1	6.0202
Type 3-3_str	BOBJ1	203.5267	Before	Interior Girder 5	11.3107	0.95	1	1	7.018854
Type 3-3_str	BOBJ1	203.5267	Before	Interior Girder 6	11.3107	0.95	1	1	7.539634
Type 3-3_str	BOBJ1	203.5267	Before	Right Exterior Girder	11.3107	0.95	1	1	11.000995
Type 3-3_str	BOBJ1	203.5267	After	Left Exterior Girder	11.3107	0.95	1	1	15.912748
Type 3-3_str	BOBJ1	203.5267	After	Interior Girder 1	11.3107	0.95	1	1	11.390944
Type 3-3_str	BOBJ1	203.5267	After	Interior Girder 2	11.3107	0.95	1	1	10.439991
Type 3-3_str	BOBJ1	203.5267	After	Interior Girder 3	11.3107	0.95	1	1	9.256383
Type 3-3_str	BOBJ1	203.5267	After	Interior Girder 4	11.3107	0.95	1	1	9.256383
Type 3-3_str	BOBJ1	203.5267	After	Interior Girder 5	11.3107	0.95	1	1	10.439991
Type 3-3_str	BOBJ1	203.5267	After	Interior Girder 6	11.3107	0.95	1	1	11.390944
Type 3-3_str	BOBJ1	203.5267	After	Right Exterior Girder	11.3107	0.95	1	1	15.912748
Type 3-3_str	BOBJ1	209.1433	Before	Left Exterior Girder	17.0833	0.95	1	1	16.098531
Type 3-3_str	BOBJ1	209.1433	Before	Interior Girder 1	17.0833	0.95	1	1	11.565558
Type 3-3_str	BOBJ1	209.1433	Before	Interior Girder 2	17.0833	0.95	1	1	10.599102
Type 3-3_str	BOBJ1	209.1433	Before	Interior Girder 3	17.0833	0.95	1	1	9.398469
Type 3-3_str	BOBJ1	209.1433	Before	Interior Girder 4	17.0833	0.95	1	1	9.398469
Type 3-3_str	BOBJ1	209.1433	Before	Interior Girder 5	17.0833	0.95	1	1	10.599102
Type 3-3_str	BOBJ1	209.1433	Before	Interior Girder 6	17.0833	0.95	1	1	11.565558
Type 3-3_str	BOBJ1	209.1433	Before	Right Exterior Girder	17.0833	0.95	1	1	16.098531
Type 3-3_str	BOBJ1	209.1433	After	Left Exterior Girder	17.0833	0.95	1	1	20.364372
Type 3-3_str	BOBJ1	209.1433	After	Interior Girder 1	17.0833	0.95	1	1	14.961356
Type 3-3_str	BOBJ1	209.1433	After	Interior Girder 2	17.0833	0.95	1	1	13.501293
Type 3-3_str	BOBJ1	209.1433	After	Interior Girder 3	17.0833	0.95	1	1	12.260847
Type 3-3_str	BOBJ1	209.1433	After	Interior Girder 4	17.0833	0.95	1	1	12.260847
Type 3-3_str	BOBJ1	209.1433	After	Interior Girder 5	17.0833	0.95	1	1	13.501293
Type 3-3_str	BOBJ1	209.1433	After	Interior Girder 6	17.0833	0.95	1	1	14.961356
Type 3-3_str	BOBJ1	209.1433	After	Right Exterior Girder	17.0833	0.95	1	1	20.364372
Type 3-3_str	BOBJ1	214.76	Before	Left Exterior Girder	22.7	0.95	1	1	20.594639
Type 3-3_str	BOBJ1	214.76	Before	Interior Girder 1	22.7	0.95	1	1	15.186306
Type 3-3_str	BOBJ1	214.76	Before	Interior Girder 2	22.7	0.95	1	1	13.70305
Type 3-3_str	BOBJ1	214.76	Before	Interior Girder 3	22.7	0.95	1	1	12.445086
Type 3-3_str	BOBJ1	214.76	Before	Interior Girder 4	22.7	0.95	1	1	12.445086
Type 3-3_str	BOBJ1	214.76	Before	Interior Girder 5	22.7	0.95	1	1	13.70305
Type 3-3_str	BOBJ1	214.76	Before	Interior Girder 6	22.7	0.95	1	1	15.186306
Type 3-3_str	BOBJ1	214.76	Before	Right Exterior Girder	22.7	0.95	1	1	20.594639
Type 3-3_str	BOBJ1	214.76	After	Left Exterior Girder	22.7	0.95	1	1	30.984943
Type 3-3_str	BOBJ1	214.76	After	Interior Girder 1	22.7	0.95	1	1	15.70574
Type 3-3_str	BOBJ1	214.76	After	Interior Girder 2	22.7	0.95	1	1	14.035169
Type 3-3_str	BOBJ1	214.76	After	Interior Girder 3	22.7	0.95	1	1	11.867348
Type 3-3_str	BOBJ1	214.76	After	Interior Girder 4	22.7	0.95	1	1	11.867348
Type 3-3_str	BOBJ1	214.76	After	Interior Girder 5	22.7	0.95	1	1	14.035169

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Approach, Span 12-1									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Type 3-3_str	BOBJ1	214.76	After	Interior Girder 6	22.7	0.95	1	1	15.70574
Type 3-3_str	BOBJ1	214.76	After	Right Exterior Girder	22.7	0.95	1	1	30.984943
Type 3-3_str	BOBJ1	220.3767	Before	Left Exterior Girder	28.3167	0.95	1	1	31.325339
Type 3-3_str	BOBJ1	220.3767	Before	Interior Girder 1	28.3167	0.95	1	1	15.93643
Type 3-3_str	BOBJ1	220.3767	Before	Interior Girder 2	28.3167	0.95	1	1	14.241137
Type 3-3_str	BOBJ1	220.3767	Before	Interior Girder 3	28.3167	0.95	1	1	12.041643
Type 3-3_str	BOBJ1	220.3767	Before	Interior Girder 4	28.3167	0.95	1	1	12.041643
Type 3-3_str	BOBJ1	220.3767	Before	Interior Girder 5	28.3167	0.95	1	1	14.241137
Type 3-3_str	BOBJ1	220.3767	Before	Interior Girder 6	28.3167	0.95	1	1	15.93643
Type 3-3_str	BOBJ1	220.3767	Before	Right Exterior Girder	28.3167	0.95	1	1	31.325339
Type 3-3_str	BOBJ1	220.3767	After	Left Exterior Girder	28.3167	0.95	1	1	41.966239
Type 3-3_str	BOBJ1	220.3767	After	Interior Girder 1	28.3167	0.95	1	1	22.053204
Type 3-3_str	BOBJ1	220.3767	After	Interior Girder 2	28.3167	0.95	1	1	19.534705
Type 3-3_str	BOBJ1	220.3767	After	Interior Girder 3	28.3167	0.95	1	1	16.284829
Type 3-3_str	BOBJ1	220.3767	After	Interior Girder 4	28.3167	0.95	1	1	16.284829
Type 3-3_str	BOBJ1	220.3767	After	Interior Girder 5	28.3167	0.95	1	1	19.534705
Type 3-3_str	BOBJ1	220.3767	After	Interior Girder 6	28.3167	0.95	1	1	22.053204
Type 3-3_str	BOBJ1	220.3767	After	Right Exterior Girder	28.3167	0.95	1	1	41.966239
Type 3-3_str	BOBJ1	225.9933	Before	Left Exterior Girder	33.9333	0.95	1	1	42.413716
Type 3-3_str	BOBJ1	225.9933	Before	Interior Girder 1	33.9333	0.95	1	1	22.371051
Type 3-3_str	BOBJ1	225.9933	Before	Interior Girder 2	33.9333	0.95	1	1	19.815914
Type 3-3_str	BOBJ1	225.9933	Before	Interior Girder 3	33.9333	0.95	1	1	16.519268
Type 3-3_str	BOBJ1	225.9933	Before	Interior Girder 4	33.9333	0.95	1	1	16.519268
Type 3-3_str	BOBJ1	225.9933	Before	Interior Girder 5	33.9333	0.95	1	1	19.815914
Type 3-3_str	BOBJ1	225.9933	Before	Interior Girder 6	33.9333	0.95	1	1	22.371051
Type 3-3_str	BOBJ1	225.9933	Before	Right Exterior Girder	33.9333	0.95	1	1	42.413716
Type 3-3_str	BOBJ1	225.9933	After	Left Exterior Girder	33.9333	0.95	1	1	37.551789
Type 3-3_str	BOBJ1	225.9933	After	Interior Girder 1	33.9333	0.95	1	1	18.269828
Type 3-3_str	BOBJ1	225.9933	After	Interior Girder 2	33.9333	0.95	1	1	16.240758
Type 3-3_str	BOBJ1	225.9933	After	Interior Girder 3	33.9333	0.95	1	1	13.810076
Type 3-3_str	BOBJ1	225.9933	After	Interior Girder 4	33.9333	0.95	1	1	13.810076
Type 3-3_str	BOBJ1	225.9933	After	Interior Girder 5	33.9333	0.95	1	1	16.240758
Type 3-3_str	BOBJ1	225.9933	After	Interior Girder 6	33.9333	0.95	1	1	18.269828
Type 3-3_str	BOBJ1	225.9933	After	Right Exterior Girder	33.9333	0.95	1	1	37.551789
Type 3-3_str	BOBJ1	231.61	Before	Left Exterior Girder	39.55	0.95	1	1	37.160362
Type 3-3_str	BOBJ1	231.61	Before	Interior Girder 1	39.55	0.95	1	1	18.012594
Type 3-3_str	BOBJ1	231.61	Before	Interior Girder 2	39.55	0.95	1	1	16.011786
Type 3-3_str	BOBJ1	231.61	Before	Interior Girder 3	39.55	0.95	1	1	13.615279
Type 3-3_str	BOBJ1	231.61	Before	Interior Girder 4	39.55	0.95	1	1	13.615279
Type 3-3_str	BOBJ1	231.61	Before	Interior Girder 5	39.55	0.95	1	1	16.011786
Type 3-3_str	BOBJ1	231.61	Before	Interior Girder 6	39.55	0.95	1	1	18.012594
Type 3-3_str	BOBJ1	231.61	Before	Right Exterior Girder	39.55	0.95	1	1	37.160362
Type 3-3_str	BOBJ1	231.61	After	Left Exterior Girder	39.55	0.95	1	1	22.337394
Type 3-3_str	BOBJ1	231.61	After	Interior Girder 1	39.55	0.95	1	1	17.114549
Type 3-3_str	BOBJ1	231.61	After	Interior Girder 2	39.55	0.95	1	1	15.454568
Type 3-3_str	BOBJ1	231.61	After	Interior Girder 3	39.55	0.95	1	1	14.287297
Type 3-3_str	BOBJ1	231.61	After	Interior Girder 4	39.55	0.95	1	1	14.287297
Type 3-3_str	BOBJ1	231.61	After	Interior Girder 5	39.55	0.95	1	1	15.454568
Type 3-3_str	BOBJ1	231.61	After	Interior Girder 6	39.55	0.95	1	1	17.114549
Type 3-3_str	BOBJ1	231.61	After	Right Exterior Girder	39.55	0.95	1	1	22.337394
Type 3-3_str	BOBJ1	237.37	Before	Left Exterior Girder	45.31	0.95	1	1	22.092265
Type 3-3_str	BOBJ1	237.37	Before	Interior Girder 1	45.31	0.95	1	1	16.861368
Type 3-3_str	BOBJ1	237.37	Before	Interior Girder 2	45.31	0.95	1	1	15.227031
Type 3-3_str	BOBJ1	237.37	Before	Interior Girder 3	45.31	0.95	1	1	14.076264
Type 3-3_str	BOBJ1	237.37	Before	Interior Girder 4	45.31	0.95	1	1	14.076264
Type 3-3_str	BOBJ1	237.37	Before	Interior Girder 5	45.31	0.95	1	1	15.227031
Type 3-3_str	BOBJ1	237.37	Before	Interior Girder 6	45.31	0.95	1	1	16.861368
Type 3-3_str	BOBJ1	237.37	Before	Right Exterior Girder	45.31	0.95	1	1	22.092265
Type 3-3_str	BOBJ1	237.37	After	Left Exterior Girder	45.31	0.95	1	1	17.505058
Type 3-3_str	BOBJ1	237.37	After	Interior Girder 1	45.31	0.95	1	1	12.492717
Type 3-3_str	BOBJ1	237.37	After	Interior Girder 2	45.31	0.95	1	1	11.347288
Type 3-3_str	BOBJ1	237.37	After	Interior Girder 3	45.31	0.95	1	1	10.401928
Type 3-3_str	BOBJ1	237.37	After	Interior Girder 4	45.31	0.95	1	1	10.401928
Type 3-3_str	BOBJ1	237.37	After	Interior Girder 5	45.31	0.95	1	1	11.347288
Type 3-3_str	BOBJ1	237.37	After	Interior Girder 6	45.31	0.95	1	1	12.492717

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Approach, Span 12-1									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Type 3-3_str	BOBJ1	237.37	After	Right Exterior Girder	45.31	0.95	1	1	17.505058
Type 3-3_str	BOBJ1	243.13	Before	Left Exterior Girder	51.07	0.95	1	1	17.307053
Type 3-3_str	BOBJ1	243.13	Before	Interior Girder 1	51.07	0.95	1	1	12.304199
Type 3-3_str	BOBJ1	243.13	Before	Interior Girder 2	51.07	0.95	1	1	11.176899
Type 3-3_str	BOBJ1	243.13	Before	Interior Girder 3	51.07	0.95	1	1	10.245098
Type 3-3_str	BOBJ1	243.13	Before	Interior Girder 4	51.07	0.95	1	1	10.245098
Type 3-3_str	BOBJ1	243.13	Before	Interior Girder 5	51.07	0.95	1	1	11.176899
Type 3-3_str	BOBJ1	243.13	Before	Interior Girder 6	51.07	0.95	1	1	12.304199
Type 3-3_str	BOBJ1	243.13	Before	Right Exterior Girder	51.07	0.95	1	1	17.307053
Type 3-3_str	BOBJ1	243.13	After	Left Exterior Girder	51.07	0.95	1	1	14.23583
Type 3-3_str	BOBJ1	243.13	After	Interior Girder 1	51.07	0.95	1	1	9.152217
Type 3-3_str	BOBJ1	243.13	After	Interior Girder 2	51.07	0.95	1	1	8.502575
Type 3-3_str	BOBJ1	243.13	After	Interior Girder 3	51.07	0.95	1	1	7.390915
Type 3-3_str	BOBJ1	243.13	After	Interior Girder 4	51.07	0.95	1	1	7.390915
Type 3-3_str	BOBJ1	243.13	After	Interior Girder 5	51.07	0.95	1	1	8.502575
Type 3-3_str	BOBJ1	243.13	After	Interior Girder 6	51.07	0.95	1	1	9.152217
Type 3-3_str	BOBJ1	243.13	After	Right Exterior Girder	51.07	0.95	1	1	14.23583
Type 3-3_str	BOBJ1	248.89	Before	Left Exterior Girder	56.83	0.95	1	1	14.06939
Type 3-3_str	BOBJ1	248.89	Before	Interior Girder 1	56.83	0.95	1	1	9.011619
Type 3-3_str	BOBJ1	248.89	Before	Interior Girder 2	56.83	0.95	1	1	8.37226
Type 3-3_str	BOBJ1	248.89	Before	Interior Girder 3	56.83	0.95	1	1	7.277095
Type 3-3_str	BOBJ1	248.89	Before	Interior Girder 4	56.83	0.95	1	1	7.277095
Type 3-3_str	BOBJ1	248.89	Before	Interior Girder 5	56.83	0.95	1	1	8.37226
Type 3-3_str	BOBJ1	248.89	Before	Interior Girder 6	56.83	0.95	1	1	9.011619
Type 3-3_str	BOBJ1	248.89	Before	Right Exterior Girder	56.83	0.95	1	1	14.06939
EV2_str	BOBJ1	0	After	Left Exterior Girder	0	0.95	1	1	11.750263
EV2_str	BOBJ1	0	After	Interior Girder 1	0	0.95	1	1	7.738785
EV2_str	BOBJ1	0	After	Interior Girder 2	0	0.95	1	1	7.149739
EV2_str	BOBJ1	0	After	Interior Girder 3	0	0.95	1	1	6.093117
EV2_str	BOBJ1	0	After	Interior Girder 4	0	0.95	1	1	6.093117
EV2_str	BOBJ1	0	After	Interior Girder 5	0	0.95	1	1	7.149739
EV2_str	BOBJ1	0	After	Interior Girder 6	0	0.95	1	1	7.738785
EV2_str	BOBJ1	0	After	Right Exterior Girder	0	0.95	1	1	11.750263
EV2_str	BOBJ1	5.85	Before	Left Exterior Girder	5.85	0.95	1	1	11.879892
EV2_str	BOBJ1	5.85	Before	Interior Girder 1	5.85	0.95	1	1	7.853626
EV2_str	BOBJ1	5.85	Before	Interior Girder 2	5.85	0.95	1	1	7.255166
EV2_str	BOBJ1	5.85	Before	Interior Girder 3	5.85	0.95	1	1	6.183616
EV2_str	BOBJ1	5.85	Before	Interior Girder 4	5.85	0.95	1	1	6.183616
EV2_str	BOBJ1	5.85	Before	Interior Girder 5	5.85	0.95	1	1	7.255166
EV2_str	BOBJ1	5.85	Before	Interior Girder 6	5.85	0.95	1	1	7.853626
EV2_str	BOBJ1	5.85	Before	Right Exterior Girder	5.85	0.95	1	1	11.879892
EV2_str	BOBJ1	5.85	After	Left Exterior Girder	5.85	0.95	1	1	15.058348
EV2_str	BOBJ1	5.85	After	Interior Girder 1	5.85	0.95	1	1	9.00633
EV2_str	BOBJ1	5.85	After	Interior Girder 2	5.85	0.95	1	1	8.322628
EV2_str	BOBJ1	5.85	After	Interior Girder 3	5.85	0.95	1	1	7.230919
EV2_str	BOBJ1	5.85	After	Interior Girder 4	5.85	0.95	1	1	7.230919
EV2_str	BOBJ1	5.85	After	Interior Girder 5	5.85	0.95	1	1	8.322628
EV2_str	BOBJ1	5.85	After	Interior Girder 6	5.85	0.95	1	1	9.00633
EV2_str	BOBJ1	5.85	After	Right Exterior Girder	5.85	0.95	1	1	15.058348
EV2_str	BOBJ1	11.4667	Before	Left Exterior Girder	11.4667	0.95	1	1	15.212972
EV2_str	BOBJ1	11.4667	Before	Interior Girder 1	11.4667	0.95	1	1	9.131938
EV2_str	BOBJ1	11.4667	Before	Interior Girder 2	11.4667	0.95	1	1	8.438439
EV2_str	BOBJ1	11.4667	Before	Interior Girder 3	11.4667	0.95	1	1	7.331694
EV2_str	BOBJ1	11.4667	Before	Interior Girder 4	11.4667	0.95	1	1	7.331694
EV2_str	BOBJ1	11.4667	Before	Interior Girder 5	11.4667	0.95	1	1	8.438439
EV2_str	BOBJ1	11.4667	Before	Interior Girder 6	11.4667	0.95	1	1	9.131938
EV2_str	BOBJ1	11.4667	Before	Right Exterior Girder	11.4667	0.95	1	1	15.212972
EV2_str	BOBJ1	11.4667	After	Left Exterior Girder	11.4667	0.95	1	1	18.39077
EV2_str	BOBJ1	11.4667	After	Interior Girder 1	11.4667	0.95	1	1	11.738676
EV2_str	BOBJ1	11.4667	After	Interior Girder 2	11.4667	0.95	1	1	10.779938
EV2_str	BOBJ1	11.4667	After	Interior Girder 3	11.4667	0.95	1	1	9.541128
EV2_str	BOBJ1	11.4667	After	Interior Girder 4	11.4667	0.95	1	1	9.541128
EV2_str	BOBJ1	11.4667	After	Interior Girder 5	11.4667	0.95	1	1	10.779938
EV2_str	BOBJ1	11.4667	After	Interior Girder 6	11.4667	0.95	1	1	11.738676
EV2_str	BOBJ1	11.4667	After	Right Exterior Girder	11.4667	0.95	1	1	18.39077

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Approach, Span 12-1									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
EV2_str	BOBJ1	17.0833	Before	Left Exterior Girder	17.0833	0.95	1	1	18.57422
EV2_str	BOBJ1	17.0833	Before	Interior Girder 1	17.0833	0.95	1	1	11.899458
EV2_str	BOBJ1	17.0833	Before	Interior Girder 2	17.0833	0.95	1	1	10.927204
EV2_str	BOBJ1	17.0833	Before	Interior Girder 3	17.0833	0.95	1	1	9.671572
EV2_str	BOBJ1	17.0833	Before	Interior Girder 4	17.0833	0.95	1	1	9.671572
EV2_str	BOBJ1	17.0833	Before	Interior Girder 5	17.0833	0.95	1	1	10.927204
EV2_str	BOBJ1	17.0833	Before	Interior Girder 6	17.0833	0.95	1	1	11.899458
EV2_str	BOBJ1	17.0833	Before	Right Exterior Girder	17.0833	0.95	1	1	18.57422
EV2_str	BOBJ1	17.0833	After	Left Exterior Girder	17.0833	0.95	1	1	23.354698
EV2_str	BOBJ1	17.0833	After	Interior Girder 1	17.0833	0.95	1	1	15.683652
EV2_str	BOBJ1	17.0833	After	Interior Girder 2	17.0833	0.95	1	1	14.317027
EV2_str	BOBJ1	17.0833	After	Interior Girder 3	17.0833	0.95	1	1	12.347177
EV2_str	BOBJ1	17.0833	After	Interior Girder 4	17.0833	0.95	1	1	12.347177
EV2_str	BOBJ1	17.0833	After	Interior Girder 5	17.0833	0.95	1	1	14.317027
EV2_str	BOBJ1	17.0833	After	Interior Girder 6	17.0833	0.95	1	1	15.683652
EV2_str	BOBJ1	17.0833	After	Right Exterior Girder	17.0833	0.95	1	1	23.354698
EV2_str	BOBJ1	22.7	Before	Left Exterior Girder	22.7	0.95	1	1	23.581296
EV2_str	BOBJ1	22.7	Before	Interior Girder 1	22.7	0.95	1	1	15.894588
EV2_str	BOBJ1	22.7	Before	Interior Girder 2	22.7	0.95	1	1	14.509072
EV2_str	BOBJ1	22.7	Before	Interior Girder 3	22.7	0.95	1	1	12.185554
EV2_str	BOBJ1	22.7	Before	Interior Girder 4	22.7	0.95	1	1	12.185554
EV2_str	BOBJ1	22.7	Before	Interior Girder 5	22.7	0.95	1	1	14.509072
EV2_str	BOBJ1	22.7	Before	Interior Girder 6	22.7	0.95	1	1	15.894588
EV2_str	BOBJ1	22.7	Before	Right Exterior Girder	22.7	0.95	1	1	23.581296
EV2_str	BOBJ1	22.7	After	Left Exterior Girder	22.7	0.95	1	1	27.573574
EV2_str	BOBJ1	22.7	After	Interior Girder 1	22.7	0.95	1	1	15.404707
EV2_str	BOBJ1	22.7	After	Interior Girder 2	22.7	0.95	1	1	13.43476
EV2_str	BOBJ1	22.7	After	Interior Girder 3	22.7	0.95	1	1	11.268727
EV2_str	BOBJ1	22.7	After	Interior Girder 4	22.7	0.95	1	1	11.268727
EV2_str	BOBJ1	22.7	After	Interior Girder 5	22.7	0.95	1	1	13.43476
EV2_str	BOBJ1	22.7	After	Interior Girder 6	22.7	0.95	1	1	15.404707
EV2_str	BOBJ1	22.7	After	Right Exterior Girder	22.7	0.95	1	1	27.573574
EV2_str	BOBJ1	28.3167	Before	Left Exterior Girder	28.3167	0.95	1	1	27.304392
EV2_str	BOBJ1	28.3167	Before	Interior Girder 1	28.3167	0.95	1	1	15.606919
EV2_str	BOBJ1	28.3167	Before	Interior Girder 2	28.3167	0.95	1	1	13.611769
EV2_str	BOBJ1	28.3167	Before	Interior Girder 3	28.3167	0.95	1	1	11.417102
EV2_str	BOBJ1	28.3167	Before	Interior Girder 4	28.3167	0.95	1	1	11.417102
EV2_str	BOBJ1	28.3167	Before	Interior Girder 5	28.3167	0.95	1	1	13.611769
EV2_str	BOBJ1	28.3167	Before	Interior Girder 6	28.3167	0.95	1	1	15.606919
EV2_str	BOBJ1	28.3167	Before	Right Exterior Girder	28.3167	0.95	1	1	27.304392
EV2_str	BOBJ1	28.3167	After	Left Exterior Girder	28.3167	0.95	1	1	20.444533
EV2_str	BOBJ1	28.3167	After	Interior Girder 1	28.3167	0.95	1	1	12.117601
EV2_str	BOBJ1	28.3167	After	Interior Girder 2	28.3167	0.95	1	1	11.011395
EV2_str	BOBJ1	28.3167	After	Interior Girder 3	28.3167	0.95	1	1	9.381125
EV2_str	BOBJ1	28.3167	After	Interior Girder 4	28.3167	0.95	1	1	9.381125
EV2_str	BOBJ1	28.3167	After	Interior Girder 5	28.3167	0.95	1	1	11.011395
EV2_str	BOBJ1	28.3167	After	Interior Girder 6	28.3167	0.95	1	1	12.117601
EV2_str	BOBJ1	28.3167	After	Right Exterior Girder	28.3167	0.95	1	1	20.444533
EV2_str	BOBJ1	33.9333	Before	Left Exterior Girder	33.9333	0.95	1	1	20.239276
EV2_str	BOBJ1	33.9333	Before	Interior Girder 1	33.9333	0.95	1	1	11.952512
EV2_str	BOBJ1	33.9333	Before	Interior Girder 2	33.9333	0.95	1	1	10.861918
EV2_str	BOBJ1	33.9333	Before	Interior Girder 3	33.9333	0.95	1	1	9.25364
EV2_str	BOBJ1	33.9333	Before	Interior Girder 4	33.9333	0.95	1	1	9.25364
EV2_str	BOBJ1	33.9333	Before	Interior Girder 5	33.9333	0.95	1	1	10.861918
EV2_str	BOBJ1	33.9333	Before	Interior Girder 6	33.9333	0.95	1	1	11.952512
EV2_str	BOBJ1	33.9333	Before	Right Exterior Girder	33.9333	0.95	1	1	20.239276
EV2_str	BOBJ1	33.9333	After	Left Exterior Girder	33.9333	0.95	1	1	16.398486
EV2_str	BOBJ1	33.9333	After	Interior Girder 1	33.9333	0.95	1	1	9.466163
EV2_str	BOBJ1	33.9333	After	Interior Girder 2	33.9333	0.95	1	1	8.62907
EV2_str	BOBJ1	33.9333	After	Interior Girder 3	33.9333	0.95	1	1	7.353038
EV2_str	BOBJ1	33.9333	After	Interior Girder 4	33.9333	0.95	1	1	7.353038
EV2_str	BOBJ1	33.9333	After	Interior Girder 5	33.9333	0.95	1	1	8.62907
EV2_str	BOBJ1	33.9333	After	Interior Girder 6	33.9333	0.95	1	1	9.466163
EV2_str	BOBJ1	33.9333	After	Right Exterior Girder	33.9333	0.95	1	1	16.398486
EV2_str	BOBJ1	39.55	Before	Left Exterior Girder	39.55	0.95	1	1	16.22895

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Approach, Span 12-1									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
EV2_str	BOBJ1	39.55	Before	Interior Girder 1	39.55	0.95	1	1	9.334888
EV2_str	BOBJ1	39.55	Before	Interior Girder 2	39.55	0.95	1	1	8.509782
EV2_str	BOBJ1	39.55	Before	Interior Girder 3	39.55	0.95	1	1	7.25117
EV2_str	BOBJ1	39.55	Before	Interior Girder 4	39.55	0.95	1	1	7.25117
EV2_str	BOBJ1	39.55	Before	Interior Girder 5	39.55	0.95	1	1	8.509782
EV2_str	BOBJ1	39.55	Before	Interior Girder 6	39.55	0.95	1	1	9.334888
EV2_str	BOBJ1	39.55	Before	Right Exterior Girder	39.55	0.95	1	1	16.22895
EV2_str	BOBJ1	39.55	After	Left Exterior Girder	39.55	0.95	1	1	12.197747
EV2_str	BOBJ1	39.55	After	Interior Girder 1	39.55	0.95	1	1	9.114343
EV2_str	BOBJ1	39.55	After	Interior Girder 2	39.55	0.95	1	1	8.325754
EV2_str	BOBJ1	39.55	After	Interior Girder 3	39.55	0.95	1	1	7.343289
EV2_str	BOBJ1	39.55	After	Interior Girder 4	39.55	0.95	1	1	7.343289
EV2_str	BOBJ1	39.55	After	Interior Girder 5	39.55	0.95	1	1	8.325754
EV2_str	BOBJ1	39.55	After	Interior Girder 6	39.55	0.95	1	1	9.114343
EV2_str	BOBJ1	39.55	After	Right Exterior Girder	39.55	0.95	1	1	12.197747
EV2_str	BOBJ1	45.1733	Before	Left Exterior Girder	45.1226	0.95	1	1	12.06762
EV2_str	BOBJ1	45.1733	Before	Interior Girder 1	45.1226	0.95	1	1	8.985231
EV2_str	BOBJ1	45.1733	Before	Interior Girder 2	45.1226	0.95	1	1	8.208693
EV2_str	BOBJ1	45.1733	Before	Interior Girder 3	45.1226	0.95	1	1	7.23901
EV2_str	BOBJ1	45.1733	Before	Interior Girder 4	45.1226	0.95	1	1	7.23901
EV2_str	BOBJ1	45.1733	Before	Interior Girder 5	45.1226	0.95	1	1	8.208693
EV2_str	BOBJ1	45.1733	Before	Interior Girder 6	45.1226	0.95	1	1	8.985231
EV2_str	BOBJ1	45.1733	Before	Right Exterior Girder	45.1226	0.95	1	1	12.06762
EV2_str	BOBJ1	45.1733	After	Left Exterior Girder	45.1226	0.95	1	1	9.128845
EV2_str	BOBJ1	45.1733	After	Interior Girder 1	45.1226	0.95	1	1	6.11737
EV2_str	BOBJ1	45.1733	After	Interior Girder 2	45.1226	0.95	1	1	5.658459
EV2_str	BOBJ1	45.1733	After	Interior Girder 3	45.1226	0.95	1	1	4.76808
EV2_str	BOBJ1	45.1733	After	Interior Girder 4	45.1226	0.95	1	1	4.76808
EV2_str	BOBJ1	45.1733	After	Interior Girder 5	45.1226	0.95	1	1	5.658459
EV2_str	BOBJ1	45.1733	After	Interior Girder 6	45.1226	0.95	1	1	6.11737
EV2_str	BOBJ1	45.1733	After	Right Exterior Girder	45.1226	0.95	1	1	9.128845
EV2_str	BOBJ1	49.2561	Before	Left Exterior Girder	49.2561	0.95	1	1	9.04441
EV2_str	BOBJ1	49.2561	Before	Right Exterior Girder	49.2561	0.95	1	1	9.04441
EV2_str	BOBJ1	49.2561	After	Left Exterior Girder	49.2561	0.95	1	1	7.615058
EV2_str	BOBJ1	49.2561	After	Right Exterior Girder	49.2561	0.95	1	1	7.615058
EV2_str	BOBJ1	50.7967	Before	Left Exterior Girder	50.7967	0.95	1	1	7.585067
EV2_str	BOBJ1	50.7967	Before	Interior Girder 1	50.7967	0.95	1	1	5.023292
EV2_str	BOBJ1	50.7967	Before	Interior Girder 2	50.7967	0.95	1	1	5.565432
EV2_str	BOBJ1	50.7967	Before	Interior Girder 3	50.7967	0.95	1	1	4.688492
EV2_str	BOBJ1	50.7967	Before	Interior Girder 4	50.7967	0.95	1	1	4.688492
EV2_str	BOBJ1	50.7967	Before	Interior Girder 5	50.7967	0.95	1	1	5.565432
EV2_str	BOBJ1	50.7967	Before	Interior Girder 6	50.7967	0.95	1	1	5.023292
EV2_str	BOBJ1	50.7967	Before	Right Exterior Girder	50.7967	0.95	1	1	7.585067
EV2_str	BOBJ1	50.7967	After	Left Exterior Girder	50.7967	0.95	1	1	7.599805
EV2_str	BOBJ1	50.7967	After	Interior Girder 1	50.7967	0.95	1	1	4.407169
EV2_str	BOBJ1	50.7967	After	Interior Girder 2	50.7967	0.95	1	1	4.43271
EV2_str	BOBJ1	50.7967	After	Interior Girder 3	50.7967	0.95	1	1	3.504545
EV2_str	BOBJ1	50.7967	After	Interior Girder 4	50.7967	0.95	1	1	3.504545
EV2_str	BOBJ1	50.7967	After	Interior Girder 5	50.7967	0.95	1	1	4.43271
EV2_str	BOBJ1	50.7967	After	Interior Girder 6	50.7967	0.95	1	1	4.407169
EV2_str	BOBJ1	50.7967	After	Right Exterior Girder	50.7967	0.95	1	1	7.599805
EV2_str	BOBJ1	51.3989	Before	Interior Girder 1	51.3989	0.95	1	1	4.399001
EV2_str	BOBJ1	51.3989	Before	Interior Girder 2	51.3989	0.95	1	1	4.424757
EV2_str	BOBJ1	51.3989	Before	Interior Girder 3	51.3989	0.95	1	1	3.498134
EV2_str	BOBJ1	51.3989	Before	Interior Girder 4	51.3989	0.95	1	1	3.498134
EV2_str	BOBJ1	51.3989	Before	Interior Girder 5	51.3989	0.95	1	1	4.424757
EV2_str	BOBJ1	51.3989	Before	Interior Girder 6	51.3989	0.95	1	1	4.399001
EV2_str	BOBJ1	51.3989	After	Interior Girder 1	51.3989	0.95	1	1	5.017485
EV2_str	BOBJ1	51.3989	After	Interior Girder 2	51.3989	0.95	1	1	4.644217
EV2_str	BOBJ1	51.3989	After	Interior Girder 3	51.3989	0.95	1	1	3.743472
EV2_str	BOBJ1	51.3989	After	Interior Girder 4	51.3989	0.95	1	1	3.743472
EV2_str	BOBJ1	51.3989	After	Interior Girder 5	51.3989	0.95	1	1	4.644217
EV2_str	BOBJ1	51.3989	After	Interior Girder 6	51.3989	0.95	1	1	5.017485
EV2_str	BOBJ1	56.42	Before	Left Exterior Girder	56.42	0.95	1	1	8.285103
EV2_str	BOBJ1	56.42	Before	Interior Girder 1	56.42	0.95	1	1	4.937828

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Approach, Span 12-1									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
EV2_str	BOBJ1	56.42	Before	Interior Girder 2	56.42	0.95	1	1	4.571087
EV2_str	BOBJ1	56.42	Before	Interior Girder 3	56.42	0.95	1	1	3.68326
EV2_str	BOBJ1	56.42	Before	Interior Girder 4	56.42	0.95	1	1	3.68326
EV2_str	BOBJ1	56.42	Before	Interior Girder 5	56.42	0.95	1	1	4.571087
EV2_str	BOBJ1	56.42	Before	Interior Girder 6	56.42	0.95	1	1	4.937828
EV2_str	BOBJ1	56.42	Before	Right Exterior Girder	56.42	0.95	1	1	8.285103
EV2_str	BOBJ1	56.42	After	Left Exterior Girder	0	0.95	1	1	8.209137
EV2_str	BOBJ1	56.42	After	Interior Girder 1	0	0.95	1	1	5.050967
EV2_str	BOBJ1	56.42	After	Interior Girder 2	0	0.95	1	1	4.653719
EV2_str	BOBJ1	56.42	After	Interior Girder 3	0	0.95	1	1	3.752881
EV2_str	BOBJ1	56.42	After	Interior Girder 4	0	0.95	1	1	3.752881
EV2_str	BOBJ1	56.42	After	Interior Girder 5	0	0.95	1	1	4.653719
EV2_str	BOBJ1	56.42	After	Interior Girder 6	0	0.95	1	1	5.050967
EV2_str	BOBJ1	56.42	After	Right Exterior Girder	0	0.95	1	1	8.209137
EV2_str	BOBJ1	62.0367	Before	Left Exterior Girder	5.6167	0.95	1	1	8.333986
EV2_str	BOBJ1	62.0367	Before	Interior Girder 1	5.6167	0.95	1	1	5.141241
EV2_str	BOBJ1	62.0367	Before	Interior Girder 2	5.6167	0.95	1	1	4.736282
EV2_str	BOBJ1	62.0367	Before	Interior Girder 3	5.6167	0.95	1	1	3.820923
EV2_str	BOBJ1	62.0367	Before	Interior Girder 4	5.6167	0.95	1	1	3.820923
EV2_str	BOBJ1	62.0367	Before	Interior Girder 5	5.6167	0.95	1	1	4.736282
EV2_str	BOBJ1	62.0367	Before	Interior Girder 6	5.6167	0.95	1	1	5.141241
EV2_str	BOBJ1	62.0367	Before	Right Exterior Girder	5.6167	0.95	1	1	8.333986
EV2_str	BOBJ1	62.0367	After	Left Exterior Girder	5.6167	0.95	1	1	12.258794
EV2_str	BOBJ1	62.0367	After	Interior Girder 1	5.6167	0.95	1	1	4.698206
EV2_str	BOBJ1	62.0367	After	Interior Girder 2	5.6167	0.95	1	1	5.227722
EV2_str	BOBJ1	62.0367	After	Interior Girder 3	5.6167	0.95	1	1	4.32852
EV2_str	BOBJ1	62.0367	After	Interior Girder 4	5.6167	0.95	1	1	4.32852
EV2_str	BOBJ1	62.0367	After	Interior Girder 5	5.6167	0.95	1	1	5.227722
EV2_str	BOBJ1	62.0367	After	Interior Girder 6	5.6167	0.95	1	1	4.698206
EV2_str	BOBJ1	62.0367	After	Right Exterior Girder	5.6167	0.95	1	1	12.258794
EV2_str	BOBJ1	62.4203	Before	Interior Girder 1	6.0003	0.95	1	1	4.703957
EV2_str	BOBJ1	62.4203	Before	Interior Girder 2	6.0003	0.95	1	1	5.233935
EV2_str	BOBJ1	62.4203	Before	Interior Girder 3	6.0003	0.95	1	1	4.333766
EV2_str	BOBJ1	62.4203	Before	Interior Girder 4	6.0003	0.95	1	1	4.333766
EV2_str	BOBJ1	62.4203	Before	Interior Girder 5	6.0003	0.95	1	1	5.233935
EV2_str	BOBJ1	62.4203	Before	Interior Girder 6	6.0003	0.95	1	1	4.703957
EV2_str	BOBJ1	62.4203	After	Interior Girder 1	6.0003	0.95	1	1	4.726291
EV2_str	BOBJ1	62.4203	After	Interior Girder 2	6.0003	0.95	1	1	5.645662
EV2_str	BOBJ1	62.4203	After	Interior Girder 3	6.0003	0.95	1	1	4.769899
EV2_str	BOBJ1	62.4203	After	Interior Girder 4	6.0003	0.95	1	1	4.769899
EV2_str	BOBJ1	62.4203	After	Interior Girder 5	6.0003	0.95	1	1	5.645662
EV2_str	BOBJ1	62.4203	After	Interior Girder 6	6.0003	0.95	1	1	4.726291
EV2_str	BOBJ1	64.9204	Before	Left Exterior Girder	8.5004	0.95	1	1	8.848042
EV2_str	BOBJ1	64.9204	Before	Right Exterior Girder	8.5004	0.95	1	1	8.848042
EV2_str	BOBJ1	64.9204	After	Left Exterior Girder	8.5004	0.95	1	1	8.953914
EV2_str	BOBJ1	64.9204	After	Right Exterior Girder	8.5004	0.95	1	1	8.953914
EV2_str	BOBJ1	67.6533	Before	Left Exterior Girder	11.2333	0.95	1	1	9.008431
EV2_str	BOBJ1	67.6533	Before	Interior Girder 1	11.2333	0.95	1	1	6.228766
EV2_str	BOBJ1	67.6533	Before	Interior Girder 2	11.2333	0.95	1	1	5.732628
EV2_str	BOBJ1	67.6533	Before	Interior Girder 3	11.2333	0.95	1	1	4.844549
EV2_str	BOBJ1	67.6533	Before	Interior Girder 4	11.2333	0.95	1	1	4.844549
EV2_str	BOBJ1	67.6533	Before	Interior Girder 5	11.2333	0.95	1	1	5.732628
EV2_str	BOBJ1	67.6533	Before	Interior Girder 6	11.2333	0.95	1	1	6.228766
EV2_str	BOBJ1	67.6533	Before	Right Exterior Girder	11.2333	0.95	1	1	9.008431
EV2_str	BOBJ1	67.6533	After	Left Exterior Girder	11.2333	0.95	1	1	9.894639
EV2_str	BOBJ1	67.6533	After	Interior Girder 1	11.2333	0.95	1	1	7.625943
EV2_str	BOBJ1	67.6533	After	Interior Girder 2	11.2333	0.95	1	1	6.989577
EV2_str	BOBJ1	67.6533	After	Interior Girder 3	11.2333	0.95	1	1	6.207514
EV2_str	BOBJ1	67.6533	After	Interior Girder 4	11.2333	0.95	1	1	6.207514
EV2_str	BOBJ1	67.6533	After	Interior Girder 5	11.2333	0.95	1	1	6.989577
EV2_str	BOBJ1	67.6533	After	Interior Girder 6	11.2333	0.95	1	1	7.625943
EV2_str	BOBJ1	67.6533	After	Right Exterior Girder	11.2333	0.95	1	1	9.894639
EV2_str	BOBJ1	73.27	Before	Left Exterior Girder	16.85	0.95	1	1	10.014703
EV2_str	BOBJ1	73.27	Before	Interior Girder 1	16.85	0.95	1	1	7.750557
EV2_str	BOBJ1	73.27	Before	Interior Girder 2	16.85	0.95	1	1	7.102882

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Approach, Span 12-1									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
EV2_str	BOBJ1	73.27	Before	Interior Girder 3	16.85	0.95	1	1	6.309406
EV2_str	BOBJ1	73.27	Before	Interior Girder 4	16.85	0.95	1	1	6.309406
EV2_str	BOBJ1	73.27	Before	Interior Girder 5	16.85	0.95	1	1	7.102882
EV2_str	BOBJ1	73.27	Before	Interior Girder 6	16.85	0.95	1	1	7.750557
EV2_str	BOBJ1	73.27	Before	Right Exterior Girder	16.85	0.95	1	1	10.014703
EV2_str	BOBJ1	73.27	After	Left Exterior Girder	16.85	0.95	1	1	13.198956
EV2_str	BOBJ1	73.27	After	Interior Girder 1	16.85	0.95	1	1	7.901958
EV2_str	BOBJ1	73.27	After	Interior Girder 2	16.85	0.95	1	1	7.280558
EV2_str	BOBJ1	73.27	After	Interior Girder 3	16.85	0.95	1	1	6.242469
EV2_str	BOBJ1	73.27	After	Interior Girder 4	16.85	0.95	1	1	6.242469
EV2_str	BOBJ1	73.27	After	Interior Girder 5	16.85	0.95	1	1	7.280558
EV2_str	BOBJ1	73.27	After	Interior Girder 6	16.85	0.95	1	1	7.901958
EV2_str	BOBJ1	73.27	After	Right Exterior Girder	16.85	0.95	1	1	13.198956
EV2_str	BOBJ1	78.8867	Before	Left Exterior Girder	22.4667	0.95	1	1	13.353421
EV2_str	BOBJ1	78.8867	Before	Interior Girder 1	22.4667	0.95	1	1	8.028126
EV2_str	BOBJ1	78.8867	Before	Interior Girder 2	22.4667	0.95	1	1	7.396484
EV2_str	BOBJ1	78.8867	Before	Interior Girder 3	22.4667	0.95	1	1	6.342152
EV2_str	BOBJ1	78.8867	Before	Interior Girder 4	22.4667	0.95	1	1	6.342152
EV2_str	BOBJ1	78.8867	Before	Interior Girder 5	22.4667	0.95	1	1	7.396484
EV2_str	BOBJ1	78.8867	Before	Interior Girder 6	22.4667	0.95	1	1	8.028126
EV2_str	BOBJ1	78.8867	Before	Right Exterior Girder	22.4667	0.95	1	1	13.353421
EV2_str	BOBJ1	78.8867	After	Left Exterior Girder	22.4667	0.95	1	1	15.904631
EV2_str	BOBJ1	78.8867	After	Interior Girder 1	22.4667	0.95	1	1	10.02717
EV2_str	BOBJ1	78.8867	After	Interior Girder 2	22.4667	0.95	1	1	9.263409
EV2_str	BOBJ1	78.8867	After	Interior Girder 3	22.4667	0.95	1	1	7.996212
EV2_str	BOBJ1	78.8867	After	Interior Girder 4	22.4667	0.95	1	1	7.996212
EV2_str	BOBJ1	78.8867	After	Interior Girder 5	22.4667	0.95	1	1	9.263409
EV2_str	BOBJ1	78.8867	After	Interior Girder 6	22.4667	0.95	1	1	10.02717
EV2_str	BOBJ1	78.8867	After	Right Exterior Girder	22.4667	0.95	1	1	15.904631
EV2_str	BOBJ1	84.5033	Before	Left Exterior Girder	28.0833	0.95	1	1	16.084458
EV2_str	BOBJ1	84.5033	Before	Interior Girder 1	28.0833	0.95	1	1	10.184023
EV2_str	BOBJ1	84.5033	Before	Interior Girder 2	28.0833	0.95	1	1	9.407828
EV2_str	BOBJ1	84.5033	Before	Interior Girder 3	28.0833	0.95	1	1	8.121072
EV2_str	BOBJ1	84.5033	Before	Interior Girder 4	28.0833	0.95	1	1	8.121072
EV2_str	BOBJ1	84.5033	Before	Interior Girder 5	28.0833	0.95	1	1	9.407828
EV2_str	BOBJ1	84.5033	Before	Interior Girder 6	28.0833	0.95	1	1	10.184023
EV2_str	BOBJ1	84.5033	Before	Right Exterior Girder	28.0833	0.95	1	1	16.084458
EV2_str	BOBJ1	84.5033	After	Left Exterior Girder	28.0833	0.95	1	1	20.020733
EV2_str	BOBJ1	84.5033	After	Interior Girder 1	28.0833	0.95	1	1	13.087502
EV2_str	BOBJ1	84.5033	After	Interior Girder 2	28.0833	0.95	1	1	11.325865
EV2_str	BOBJ1	84.5033	After	Interior Girder 3	28.0833	0.95	1	1	9.503948
EV2_str	BOBJ1	84.5033	After	Interior Girder 4	28.0833	0.95	1	1	9.503948
EV2_str	BOBJ1	84.5033	After	Interior Girder 5	28.0833	0.95	1	1	11.325865
EV2_str	BOBJ1	84.5033	After	Interior Girder 6	28.0833	0.95	1	1	13.087502
EV2_str	BOBJ1	84.5033	After	Right Exterior Girder	28.0833	0.95	1	1	20.020733
EV2_str	BOBJ1	90.12	Before	Left Exterior Girder	33.7	0.95	1	1	20.239791
EV2_str	BOBJ1	90.12	Before	Interior Girder 1	33.7	0.95	1	1	12.895115
EV2_str	BOBJ1	90.12	Before	Interior Girder 2	33.7	0.95	1	1	11.158784
EV2_str	BOBJ1	90.12	Before	Interior Girder 3	33.7	0.95	1	1	9.363874
EV2_str	BOBJ1	90.12	Before	Interior Girder 4	33.7	0.95	1	1	9.363874
EV2_str	BOBJ1	90.12	Before	Interior Girder 5	33.7	0.95	1	1	11.158784
EV2_str	BOBJ1	90.12	Before	Interior Girder 6	33.7	0.95	1	1	12.895115
EV2_str	BOBJ1	90.12	Before	Right Exterior Girder	33.7	0.95	1	1	20.239791
EV2_str	BOBJ1	90.12	After	Left Exterior Girder	33.7	0.95	1	1	20.833188
EV2_str	BOBJ1	90.12	After	Interior Girder 1	33.7	0.95	1	1	12.8083
EV2_str	BOBJ1	90.12	After	Interior Girder 2	33.7	0.95	1	1	11.120851
EV2_str	BOBJ1	90.12	After	Interior Girder 3	33.7	0.95	1	1	9.342082
EV2_str	BOBJ1	90.12	After	Interior Girder 4	33.7	0.95	1	1	9.342082
EV2_str	BOBJ1	90.12	After	Interior Girder 5	33.7	0.95	1	1	11.120851
EV2_str	BOBJ1	90.12	After	Interior Girder 6	33.7	0.95	1	1	12.8083
EV2_str	BOBJ1	90.12	After	Right Exterior Girder	33.7	0.95	1	1	20.833188
EV2_str	BOBJ1	95.7367	Before	Left Exterior Girder	39.3167	0.95	1	1	20.607751
EV2_str	BOBJ1	95.7367	Before	Interior Girder 1	39.3167	0.95	1	1	12.999314
EV2_str	BOBJ1	95.7367	Before	Interior Girder 2	39.3167	0.95	1	1	11.28726
EV2_str	BOBJ1	95.7367	Before	Interior Girder 3	39.3167	0.95	1	1	9.481721

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Approach, Span 12-1									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
EV2_str	BOBJ1	95.7367	Before	Interior Girder 4	39.3167	0.95	1	1	9.481721
EV2_str	BOBJ1	95.7367	Before	Interior Girder 5	39.3167	0.95	1	1	11.28726
EV2_str	BOBJ1	95.7367	Before	Interior Girder 6	39.3167	0.95	1	1	12.999314
EV2_str	BOBJ1	95.7367	Before	Right Exterior Girder	39.3167	0.95	1	1	20.607751
EV2_str	BOBJ1	95.7367	After	Left Exterior Girder	39.3167	0.95	1	1	16.491601
EV2_str	BOBJ1	95.7367	After	Interior Girder 1	39.3167	0.95	1	1	10.288336
EV2_str	BOBJ1	95.7367	After	Interior Girder 2	39.3167	0.95	1	1	9.476784
EV2_str	BOBJ1	95.7367	After	Interior Girder 3	39.3167	0.95	1	1	8.149368
EV2_str	BOBJ1	95.7367	After	Interior Girder 4	39.3167	0.95	1	1	8.149368
EV2_str	BOBJ1	95.7367	After	Interior Girder 5	39.3167	0.95	1	1	9.476784
EV2_str	BOBJ1	95.7367	After	Interior Girder 6	39.3167	0.95	1	1	10.288336
EV2_str	BOBJ1	95.7367	After	Right Exterior Girder	39.3167	0.95	1	1	16.491601
EV2_str	BOBJ1	101.3533	Before	Left Exterior Girder	44.9333	0.95	1	1	16.307258
EV2_str	BOBJ1	101.3533	Before	Interior Girder 1	44.9333	0.95	1	1	10.129812
EV2_str	BOBJ1	101.3533	Before	Interior Girder 2	44.9333	0.95	1	1	9.331213
EV2_str	BOBJ1	101.3533	Before	Interior Girder 3	44.9333	0.95	1	1	8.023974
EV2_str	BOBJ1	101.3533	Before	Interior Girder 4	44.9333	0.95	1	1	8.023974
EV2_str	BOBJ1	101.3533	Before	Interior Girder 5	44.9333	0.95	1	1	9.331213
EV2_str	BOBJ1	101.3533	Before	Interior Girder 6	44.9333	0.95	1	1	10.129812
EV2_str	BOBJ1	101.3533	Before	Right Exterior Girder	44.9333	0.95	1	1	16.307258
EV2_str	BOBJ1	101.3533	After	Left Exterior Girder	44.9333	0.95	1	1	13.637276
EV2_str	BOBJ1	101.3533	After	Interior Girder 1	44.9333	0.95	1	1	8.093019
EV2_str	BOBJ1	101.3533	After	Interior Girder 2	44.9333	0.95	1	1	7.437224
EV2_str	BOBJ1	101.3533	After	Interior Girder 3	44.9333	0.95	1	1	6.35682
EV2_str	BOBJ1	101.3533	After	Interior Girder 4	44.9333	0.95	1	1	6.35682
EV2_str	BOBJ1	101.3533	After	Interior Girder 5	44.9333	0.95	1	1	7.437224
EV2_str	BOBJ1	101.3533	After	Interior Girder 6	44.9333	0.95	1	1	8.093019
EV2_str	BOBJ1	101.3533	After	Right Exterior Girder	44.9333	0.95	1	1	13.637276
EV2_str	BOBJ1	106.97	Before	Left Exterior Girder	50.55	0.95	1	1	13.479562
EV2_str	BOBJ1	106.97	Before	Interior Girder 1	50.55	0.95	1	1	7.96578
EV2_str	BOBJ1	106.97	Before	Interior Girder 2	50.55	0.95	1	1	7.32058
EV2_str	BOBJ1	106.97	Before	Interior Girder 3	50.55	0.95	1	1	6.256825
EV2_str	BOBJ1	106.97	Before	Interior Girder 4	50.55	0.95	1	1	6.256825
EV2_str	BOBJ1	106.97	Before	Interior Girder 5	50.55	0.95	1	1	7.32058
EV2_str	BOBJ1	106.97	Before	Interior Girder 6	50.55	0.95	1	1	7.96578
EV2_str	BOBJ1	106.97	Before	Right Exterior Girder	50.55	0.95	1	1	13.479562
EV2_str	BOBJ1	106.97	After	Left Exterior Girder	50.55	0.95	1	1	10.179594
EV2_str	BOBJ1	106.97	After	Interior Girder 1	50.55	0.95	1	1	7.837468
EV2_str	BOBJ1	106.97	After	Interior Girder 2	50.55	0.95	1	1	7.177199
EV2_str	BOBJ1	106.97	After	Interior Girder 3	50.55	0.95	1	1	6.352794
EV2_str	BOBJ1	106.97	After	Interior Girder 4	50.55	0.95	1	1	6.352794
EV2_str	BOBJ1	106.97	After	Interior Girder 5	50.55	0.95	1	1	7.177199
EV2_str	BOBJ1	106.97	After	Interior Girder 6	50.55	0.95	1	1	7.837468
EV2_str	BOBJ1	106.97	After	Right Exterior Girder	50.55	0.95	1	1	10.179594
EV2_str	BOBJ1	112.5933	Before	Left Exterior Girder	56.1733	0.95	1	1	10.05745
EV2_str	BOBJ1	112.5933	Before	Interior Girder 1	56.1733	0.95	1	1	7.71126
EV2_str	BOBJ1	112.5933	Before	Interior Girder 2	56.1733	0.95	1	1	7.062467
EV2_str	BOBJ1	112.5933	Before	Interior Girder 3	56.1733	0.95	1	1	6.250001
EV2_str	BOBJ1	112.5933	Before	Interior Girder 4	56.1733	0.95	1	1	6.250001
EV2_str	BOBJ1	112.5933	Before	Interior Girder 5	56.1733	0.95	1	1	7.062467
EV2_str	BOBJ1	112.5933	Before	Interior Girder 6	56.1733	0.95	1	1	7.71126
EV2_str	BOBJ1	112.5933	Before	Right Exterior Girder	56.1733	0.95	1	1	10.05745
EV2_str	BOBJ1	112.5933	After	Left Exterior Girder	56.1733	0.95	1	1	9.191233
EV2_str	BOBJ1	112.5933	After	Interior Girder 1	56.1733	0.95	1	1	6.244916
EV2_str	BOBJ1	112.5933	After	Interior Girder 2	56.1733	0.95	1	1	5.773186
EV2_str	BOBJ1	112.5933	After	Interior Girder 3	56.1733	0.95	1	1	4.872497
EV2_str	BOBJ1	112.5933	After	Interior Girder 4	56.1733	0.95	1	1	4.872497
EV2_str	BOBJ1	112.5933	After	Interior Girder 5	56.1733	0.95	1	1	5.773186
EV2_str	BOBJ1	112.5933	After	Interior Girder 6	56.1733	0.95	1	1	6.244916
EV2_str	BOBJ1	112.5933	After	Right Exterior Girder	56.1733	0.95	1	1	9.191233
EV2_str	BOBJ1	115.3396	Before	Left Exterior Girder	58.9196	0.95	1	1	9.135375
EV2_str	BOBJ1	115.3396	Before	Right Exterior Girder	58.9196	0.95	1	1	9.135375
EV2_str	BOBJ1	115.3396	After	Left Exterior Girder	58.9196	0.95	1	1	8.367685
EV2_str	BOBJ1	115.3396	After	Right Exterior Girder	58.9196	0.95	1	1	8.367685
EV2_str	BOBJ1	118.2167	Before	Left Exterior Girder	61.7967	0.95	1	1	8.305183

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Approach, Span 12-1									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
EV2_str	BOBJ1	118.2167	Before	Interior Girder 1	61.9198	0.95	1	1	6.30558
EV2_str	BOBJ1	118.2167	Before	Interior Girder 2	61.9198	0.95	1	1	5.678957
EV2_str	BOBJ1	118.2167	Before	Interior Girder 3	61.9198	0.95	1	1	4.791733
EV2_str	BOBJ1	118.2167	Before	Interior Girder 4	61.9198	0.95	1	1	4.791733
EV2_str	BOBJ1	118.2167	Before	Interior Girder 5	61.9198	0.95	1	1	5.678957
EV2_str	BOBJ1	118.2167	Before	Interior Girder 6	61.9198	0.95	1	1	6.30558
EV2_str	BOBJ1	118.2167	Before	Right Exterior Girder	61.7967	0.95	1	1	8.305183
EV2_str	BOBJ1	118.2167	After	Left Exterior Girder	61.7967	0.95	1	1	8.392296
EV2_str	BOBJ1	118.2167	After	Interior Girder 1	61.9198	0.95	1	1	5.164024
EV2_str	BOBJ1	118.2167	After	Interior Girder 2	61.9198	0.95	1	1	4.744861
EV2_str	BOBJ1	118.2167	After	Interior Girder 3	61.9198	0.95	1	1	3.82681
EV2_str	BOBJ1	118.2167	After	Interior Girder 4	61.9198	0.95	1	1	3.82681
EV2_str	BOBJ1	118.2167	After	Interior Girder 5	61.9198	0.95	1	1	4.744861
EV2_str	BOBJ1	118.2167	After	Interior Girder 6	61.9198	0.95	1	1	5.164024
EV2_str	BOBJ1	118.2167	After	Right Exterior Girder	61.7967	0.95	1	1	8.392296
EV2_str	BOBJ1	123.84	Before	Left Exterior Girder	67.42	0.95	1	1	8.266491
EV2_str	BOBJ1	123.84	Before	Interior Girder 1	67.42	0.95	1	1	5.0732
EV2_str	BOBJ1	123.84	Before	Interior Girder 2	67.42	0.95	1	1	4.661955
EV2_str	BOBJ1	123.84	Before	Interior Girder 3	67.42	0.95	1	1	3.75853
EV2_str	BOBJ1	123.84	Before	Interior Girder 4	67.42	0.95	1	1	3.75853
EV2_str	BOBJ1	123.84	Before	Interior Girder 5	67.42	0.95	1	1	4.661955
EV2_str	BOBJ1	123.84	Before	Interior Girder 6	67.42	0.95	1	1	5.0732
EV2_str	BOBJ1	123.84	Before	Right Exterior Girder	67.42	0.95	1	1	8.266491
EV2_str	BOBJ1	123.84	After	Left Exterior Girder	0	0.95	1	1	8.500685
EV2_str	BOBJ1	123.84	After	Interior Girder 1	0	0.95	1	1	5.16346
EV2_str	BOBJ1	123.84	After	Interior Girder 2	0	0.95	1	1	4.680661
EV2_str	BOBJ1	123.84	After	Interior Girder 3	0	0.95	1	1	3.761175
EV2_str	BOBJ1	123.84	After	Interior Girder 4	0	0.95	1	1	3.761175
EV2_str	BOBJ1	123.84	After	Interior Girder 5	0	0.95	1	1	4.680661
EV2_str	BOBJ1	123.84	After	Interior Girder 6	0	0.95	1	1	5.16346
EV2_str	BOBJ1	123.84	After	Right Exterior Girder	0	0.95	1	1	8.500685
EV2_str	BOBJ1	129.34	Before	Interior Girder 1	5.5	0.95	1	1	5.253971
EV2_str	BOBJ1	129.34	Before	Interior Girder 2	5.5	0.95	1	1	4.76207
EV2_str	BOBJ1	129.34	Before	Interior Girder 3	5.5	0.95	1	1	3.828164
EV2_str	BOBJ1	129.34	Before	Interior Girder 4	5.5	0.95	1	1	3.828164
EV2_str	BOBJ1	129.34	Before	Interior Girder 5	5.5	0.95	1	1	4.76207
EV2_str	BOBJ1	129.34	Before	Interior Girder 6	5.5	0.95	1	1	5.253971
EV2_str	BOBJ1	129.34	After	Interior Girder 1	5.5	0.95	1	1	5.030363
EV2_str	BOBJ1	129.34	After	Interior Girder 2	5.5	0.95	1	1	4.90521
EV2_str	BOBJ1	129.34	After	Interior Girder 3	5.5	0.95	1	1	3.91513
EV2_str	BOBJ1	129.34	After	Interior Girder 4	5.5	0.95	1	1	3.91513
EV2_str	BOBJ1	129.34	After	Interior Girder 5	5.5	0.95	1	1	4.90521
EV2_str	BOBJ1	129.34	After	Interior Girder 6	5.5	0.95	1	1	5.030363
EV2_str	BOBJ1	130.79	Before	Left Exterior Girder	6.95	0.95	1	1	7.045505
EV2_str	BOBJ1	130.79	Before	Interior Girder 1	6.95	0.95	1	1	5.05242
EV2_str	BOBJ1	130.79	Before	Interior Girder 2	6.95	0.95	1	1	4.926226
EV2_str	BOBJ1	130.79	Before	Interior Girder 3	6.95	0.95	1	1	3.932263
EV2_str	BOBJ1	130.79	Before	Interior Girder 4	6.95	0.95	1	1	3.932263
EV2_str	BOBJ1	130.79	Before	Interior Girder 5	6.95	0.95	1	1	4.926226
EV2_str	BOBJ1	130.79	Before	Interior Girder 6	6.95	0.95	1	1	5.05242
EV2_str	BOBJ1	130.79	Before	Right Exterior Girder	6.95	0.95	1	1	7.045505
EV2_str	BOBJ1	130.79	After	Left Exterior Girder	6.95	0.95	1	1	7.479738
EV2_str	BOBJ1	130.79	After	Interior Girder 1	6.95	0.95	1	1	6.569996
EV2_str	BOBJ1	130.79	After	Interior Girder 2	6.95	0.95	1	1	6.381753
EV2_str	BOBJ1	130.79	After	Interior Girder 3	6.95	0.95	1	1	5.553381
EV2_str	BOBJ1	130.79	After	Interior Girder 4	6.95	0.95	1	1	5.553381
EV2_str	BOBJ1	130.79	After	Interior Girder 5	6.95	0.95	1	1	6.381753
EV2_str	BOBJ1	130.79	After	Interior Girder 6	6.95	0.95	1	1	6.569996
EV2_str	BOBJ1	130.79	After	Right Exterior Girder	6.95	0.95	1	1	7.479738
EV2_str	BOBJ1	132.34	Before	Left Exterior Girder	8.5	0.95	1	1	7.510461
EV2_str	BOBJ1	132.34	Before	Right Exterior Girder	8.5	0.95	1	1	7.510461
EV2_str	BOBJ1	132.34	After	Left Exterior Girder	8.5	0.95	1	1	9.246352
EV2_str	BOBJ1	132.34	After	Right Exterior Girder	8.5	0.95	1	1	9.246352
EV2_str	BOBJ1	137.74	Before	Left Exterior Girder	13.9	0.95	1	1	9.356657
EV2_str	BOBJ1	137.74	Before	Interior Girder 1	13.9	0.95	1	1	7.073183

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Approach, Span 12-1									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
EV2_str	BOBJ1	137.74	Before	Interior Girder 2	13.9	0.95	1	1	6.511931
EV2_str	BOBJ1	137.74	Before	Interior Girder 3	13.9	0.95	1	1	5.668522
EV2_str	BOBJ1	137.74	Before	Interior Girder 4	13.9	0.95	1	1	5.668522
EV2_str	BOBJ1	137.74	Before	Interior Girder 5	13.9	0.95	1	1	6.511931
EV2_str	BOBJ1	137.74	Before	Interior Girder 6	13.9	0.95	1	1	7.073183
EV2_str	BOBJ1	137.74	Before	Right Exterior Girder	13.9	0.95	1	1	9.356657
EV2_str	BOBJ1	137.74	After	Left Exterior Girder	13.9	0.95	1	1	12.07244
EV2_str	BOBJ1	137.74	After	Interior Girder 1	13.9	0.95	1	1	7.418784
EV2_str	BOBJ1	137.74	After	Interior Girder 2	13.9	0.95	1	1	6.847274
EV2_str	BOBJ1	137.74	After	Interior Girder 3	13.9	0.95	1	1	5.873732
EV2_str	BOBJ1	137.74	After	Interior Girder 4	13.9	0.95	1	1	5.873732
EV2_str	BOBJ1	137.74	After	Interior Girder 5	13.9	0.95	1	1	6.847274
EV2_str	BOBJ1	137.74	After	Interior Girder 6	13.9	0.95	1	1	7.418784
EV2_str	BOBJ1	137.74	After	Right Exterior Girder	13.9	0.95	1	1	12.07244
EV2_str	BOBJ1	143.7733	Before	Left Exterior Girder	19.9333	0.95	1	1	12.227087
EV2_str	BOBJ1	143.7733	Before	Interior Girder 1	19.9333	0.95	1	1	7.547684
EV2_str	BOBJ1	143.7733	Before	Interior Girder 2	19.9333	0.95	1	1	6.965913
EV2_str	BOBJ1	143.7733	Before	Interior Girder 3	19.9333	0.95	1	1	5.9759
EV2_str	BOBJ1	143.7733	Before	Interior Girder 4	19.9333	0.95	1	1	5.9759
EV2_str	BOBJ1	143.7733	Before	Interior Girder 5	19.9333	0.95	1	1	6.965913
EV2_str	BOBJ1	143.7733	Before	Interior Girder 6	19.9333	0.95	1	1	7.547684
EV2_str	BOBJ1	143.7733	Before	Right Exterior Girder	19.9333	0.95	1	1	12.227087
EV2_str	BOBJ1	143.7733	After	Left Exterior Girder	19.9333	0.95	1	1	14.555366
EV2_str	BOBJ1	143.7733	After	Interior Girder 1	19.9333	0.95	1	1	9.493706
EV2_str	BOBJ1	143.7733	After	Interior Girder 2	19.9333	0.95	1	1	8.740443
EV2_str	BOBJ1	143.7733	After	Interior Girder 3	19.9333	0.95	1	1	7.618045
EV2_str	BOBJ1	143.7733	After	Interior Girder 4	19.9333	0.95	1	1	7.618045
EV2_str	BOBJ1	143.7733	After	Interior Girder 5	19.9333	0.95	1	1	8.740443
EV2_str	BOBJ1	143.7733	After	Interior Girder 6	19.9333	0.95	1	1	9.493706
EV2_str	BOBJ1	143.7733	After	Right Exterior Girder	19.9333	0.95	1	1	14.555366
EV2_str	BOBJ1	149.8067	Before	Left Exterior Girder	25.9667	0.95	1	1	14.734905
EV2_str	BOBJ1	149.8067	Before	Interior Girder 1	25.9667	0.95	1	1	9.65505
EV2_str	BOBJ1	149.8067	Before	Interior Girder 2	25.9667	0.95	1	1	8.888467
EV2_str	BOBJ1	149.8067	Before	Interior Girder 3	25.9667	0.95	1	1	7.747346
EV2_str	BOBJ1	149.8067	Before	Interior Girder 4	25.9667	0.95	1	1	7.747346
EV2_str	BOBJ1	149.8067	Before	Interior Girder 5	25.9667	0.95	1	1	8.888467
EV2_str	BOBJ1	149.8067	Before	Interior Girder 6	25.9667	0.95	1	1	9.65505
EV2_str	BOBJ1	149.8067	Before	Right Exterior Girder	25.9667	0.95	1	1	14.734905
EV2_str	BOBJ1	149.8067	After	Left Exterior Girder	25.9667	0.95	1	1	18.384745
EV2_str	BOBJ1	149.8067	After	Interior Girder 1	25.9667	0.95	1	1	12.652587
EV2_str	BOBJ1	149.8067	After	Interior Girder 2	25.9667	0.95	1	1	11.524097
EV2_str	BOBJ1	149.8067	After	Interior Girder 3	25.9667	0.95	1	1	10.098751
EV2_str	BOBJ1	149.8067	After	Interior Girder 4	25.9667	0.95	1	1	10.098751
EV2_str	BOBJ1	149.8067	After	Interior Girder 5	25.9667	0.95	1	1	11.524097
EV2_str	BOBJ1	149.8067	After	Interior Girder 6	25.9667	0.95	1	1	12.652587
EV2_str	BOBJ1	149.8067	After	Right Exterior Girder	25.9667	0.95	1	1	18.384745
EV2_str	BOBJ1	155.84	Before	Left Exterior Girder	32	0.95	1	1	18.603545
EV2_str	BOBJ1	155.84	Before	Interior Girder 1	32	0.95	1	1	12.862868
EV2_str	BOBJ1	155.84	Before	Interior Girder 2	32	0.95	1	1	11.714881
EV2_str	BOBJ1	155.84	Before	Interior Girder 3	32	0.95	1	1	9.94038
EV2_str	BOBJ1	155.84	Before	Interior Girder 4	32	0.95	1	1	9.94038
EV2_str	BOBJ1	155.84	Before	Interior Girder 5	32	0.95	1	1	11.714881
EV2_str	BOBJ1	155.84	Before	Interior Girder 6	32	0.95	1	1	12.862868
EV2_str	BOBJ1	155.84	Before	Right Exterior Girder	32	0.95	1	1	18.603545
EV2_str	BOBJ1	155.84	After	Left Exterior Girder	32	0.95	1	1	22.523532
EV2_str	BOBJ1	155.84	After	Interior Girder 1	32	0.95	1	1	12.326868
EV2_str	BOBJ1	155.84	After	Interior Girder 2	32	0.95	1	1	10.753443
EV2_str	BOBJ1	155.84	After	Interior Girder 3	32	0.95	1	1	9.018083
EV2_str	BOBJ1	155.84	After	Interior Girder 4	32	0.95	1	1	9.018083
EV2_str	BOBJ1	155.84	After	Interior Girder 5	32	0.95	1	1	10.753443
EV2_str	BOBJ1	155.84	After	Interior Girder 6	32	0.95	1	1	12.326868
EV2_str	BOBJ1	155.84	After	Right Exterior Girder	32	0.95	1	1	22.523532
EV2_str	BOBJ1	161.8733	Before	Left Exterior Girder	38.0333	0.95	1	1	22.264407
EV2_str	BOBJ1	161.8733	Before	Interior Girder 1	38.0333	0.95	1	1	12.525833
EV2_str	BOBJ1	161.8733	Before	Interior Girder 2	38.0333	0.95	1	1	10.927616

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Approach, Span 12-1									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
EV2_str	BOBJ1	161.8733	Before	Interior Girder 3	38.0333	0.95	1	1	9.16407
EV2_str	BOBJ1	161.8733	Before	Interior Girder 4	38.0333	0.95	1	1	9.16407
EV2_str	BOBJ1	161.8733	Before	Interior Girder 5	38.0333	0.95	1	1	10.927616
EV2_str	BOBJ1	161.8733	Before	Interior Girder 6	38.0333	0.95	1	1	12.525833
EV2_str	BOBJ1	161.8733	Before	Right Exterior Girder	38.0333	0.95	1	1	22.264407
EV2_str	BOBJ1	161.8733	After	Left Exterior Girder	38.0333	0.95	1	1	17.291437
EV2_str	BOBJ1	161.8733	After	Interior Girder 1	38.0333	0.95	1	1	10.609957
EV2_str	BOBJ1	161.8733	After	Interior Girder 2	38.0333	0.95	1	1	9.78052
EV2_str	BOBJ1	161.8733	After	Interior Girder 3	38.0333	0.95	1	1	8.437486
EV2_str	BOBJ1	161.8733	After	Interior Girder 4	38.0333	0.95	1	1	8.437486
EV2_str	BOBJ1	161.8733	After	Interior Girder 5	38.0333	0.95	1	1	9.78052
EV2_str	BOBJ1	161.8733	After	Interior Girder 6	38.0333	0.95	1	1	10.609957
EV2_str	BOBJ1	161.8733	After	Right Exterior Girder	38.0333	0.95	1	1	17.291437
EV2_str	BOBJ1	167.9067	Before	Left Exterior Girder	44.0667	0.95	1	1	17.085526
EV2_str	BOBJ1	167.9067	Before	Interior Girder 1	44.0667	0.95	1	1	10.435426
EV2_str	BOBJ1	167.9067	Before	Interior Girder 2	44.0667	0.95	1	1	9.620138
EV2_str	BOBJ1	167.9067	Before	Interior Girder 3	44.0667	0.95	1	1	8.298975
EV2_str	BOBJ1	167.9067	Before	Interior Girder 4	44.0667	0.95	1	1	8.298975
EV2_str	BOBJ1	167.9067	Before	Interior Girder 5	44.0667	0.95	1	1	9.620138
EV2_str	BOBJ1	167.9067	Before	Interior Girder 6	44.0667	0.95	1	1	10.435426
EV2_str	BOBJ1	167.9067	Before	Right Exterior Girder	44.0667	0.95	1	1	17.085526
EV2_str	BOBJ1	167.9067	After	Left Exterior Girder	44.0667	0.95	1	1	13.985389
EV2_str	BOBJ1	167.9067	After	Interior Girder 1	44.0667	0.95	1	1	8.21889
EV2_str	BOBJ1	167.9067	After	Interior Girder 2	44.0667	0.95	1	1	7.566899
EV2_str	BOBJ1	167.9067	After	Interior Girder 3	44.0667	0.95	1	1	6.48953
EV2_str	BOBJ1	167.9067	After	Interior Girder 4	44.0667	0.95	1	1	6.48953
EV2_str	BOBJ1	167.9067	After	Interior Girder 5	44.0667	0.95	1	1	7.566899
EV2_str	BOBJ1	167.9067	After	Interior Girder 6	44.0667	0.95	1	1	8.21889
EV2_str	BOBJ1	167.9067	After	Right Exterior Girder	44.0667	0.95	1	1	13.985389
EV2_str	BOBJ1	173.94	Before	Left Exterior Girder	50.1	0.95	1	1	13.812705
EV2_str	BOBJ1	173.94	Before	Interior Girder 1	50.1	0.95	1	1	8.080734
EV2_str	BOBJ1	173.94	Before	Interior Girder 2	50.1	0.95	1	1	7.44002
EV2_str	BOBJ1	173.94	Before	Interior Girder 3	50.1	0.95	1	1	6.380465
EV2_str	BOBJ1	173.94	Before	Interior Girder 4	50.1	0.95	1	1	6.380465
EV2_str	BOBJ1	173.94	Before	Interior Girder 5	50.1	0.95	1	1	7.44002
EV2_str	BOBJ1	173.94	Before	Interior Girder 6	50.1	0.95	1	1	8.080734
EV2_str	BOBJ1	173.94	Before	Right Exterior Girder	50.1	0.95	1	1	13.812705
EV2_str	BOBJ1	173.94	After	Left Exterior Girder	50.1	0.95	1	1	10.116583
EV2_str	BOBJ1	173.94	After	Interior Girder 1	50.1	0.95	1	1	7.979912
EV2_str	BOBJ1	173.94	After	Interior Girder 2	50.1	0.95	1	1	7.289575
EV2_str	BOBJ1	173.94	After	Interior Girder 3	50.1	0.95	1	1	6.528895
EV2_str	BOBJ1	173.94	After	Interior Girder 4	50.1	0.95	1	1	6.528895
EV2_str	BOBJ1	173.94	After	Interior Girder 5	50.1	0.95	1	1	7.289575
EV2_str	BOBJ1	173.94	After	Interior Girder 6	50.1	0.95	1	1	7.979912
EV2_str	BOBJ1	173.94	After	Right Exterior Girder	50.1	0.95	1	1	10.116583
EV2_str	BOBJ1	179.98	Before	Left Exterior Girder	56.14	0.95	1	1	9.986702
EV2_str	BOBJ1	179.98	Before	Interior Girder 1	56.14	0.95	1	1	7.842301
EV2_str	BOBJ1	179.98	Before	Interior Girder 2	56.14	0.95	1	1	7.16481
EV2_str	BOBJ1	179.98	Before	Interior Girder 3	56.14	0.95	1	1	6.415873
EV2_str	BOBJ1	179.98	Before	Interior Girder 4	56.14	0.95	1	1	6.415873
EV2_str	BOBJ1	179.98	Before	Interior Girder 5	56.14	0.95	1	1	7.16481
EV2_str	BOBJ1	179.98	Before	Interior Girder 6	56.14	0.95	1	1	7.842301
EV2_str	BOBJ1	179.98	Before	Right Exterior Girder	56.14	0.95	1	1	9.986702
EV2_str	BOBJ1	179.98	After	Left Exterior Girder	56.14	0.95	1	1	9.179007
EV2_str	BOBJ1	179.98	After	Interior Girder 1	56.14	0.95	1	1	6.268693
EV2_str	BOBJ1	179.98	After	Interior Girder 2	56.14	0.95	1	1	5.800645
EV2_str	BOBJ1	179.98	After	Interior Girder 3	56.14	0.95	1	1	4.946364
EV2_str	BOBJ1	179.98	After	Interior Girder 4	56.14	0.95	1	1	4.946364
EV2_str	BOBJ1	179.98	After	Interior Girder 5	56.14	0.95	1	1	5.800645
EV2_str	BOBJ1	179.98	After	Interior Girder 6	56.14	0.95	1	1	6.268693
EV2_str	BOBJ1	179.98	After	Right Exterior Girder	56.14	0.95	1	1	9.179007
EV2_str	BOBJ1	183.56	Before	Left Exterior Girder	59.72	0.95	1	1	9.106496
EV2_str	BOBJ1	183.56	Before	Right Exterior Girder	59.72	0.95	1	1	9.106496
EV2_str	BOBJ1	183.56	After	Left Exterior Girder	59.72	0.95	1	1	8.069152
EV2_str	BOBJ1	183.56	After	Right Exterior Girder	59.72	0.95	1	1	8.069152

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Approach, Span 12-1									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
EV2_str	BOBJ1	186.02	Before	Left Exterior Girder	62.18	0.95	1	1	8.016504
EV2_str	BOBJ1	186.02	Before	Interior Girder 1	62.22	0.95	1	1	6.420267
EV2_str	BOBJ1	186.02	Before	Interior Girder 2	62.22	0.95	1	1	5.69912
EV2_str	BOBJ1	186.02	Before	Interior Girder 3	62.22	0.95	1	1	4.858502
EV2_str	BOBJ1	186.02	Before	Interior Girder 4	62.22	0.95	1	1	4.858502
EV2_str	BOBJ1	186.02	Before	Interior Girder 5	62.22	0.95	1	1	5.69912
EV2_str	BOBJ1	186.02	Before	Interior Girder 6	62.22	0.95	1	1	6.420267
EV2_str	BOBJ1	186.02	Before	Right Exterior Girder	62.18	0.95	1	1	8.016504
EV2_str	BOBJ1	186.02	After	Left Exterior Girder	62.18	0.95	1	1	8.284213
EV2_str	BOBJ1	186.02	After	Interior Girder 1	62.22	0.95	1	1	5.162052
EV2_str	BOBJ1	186.02	After	Interior Girder 2	62.22	0.95	1	1	4.747788
EV2_str	BOBJ1	186.02	After	Interior Girder 3	62.22	0.95	1	1	3.841796
EV2_str	BOBJ1	186.02	After	Interior Girder 4	62.22	0.95	1	1	3.841796
EV2_str	BOBJ1	186.02	After	Interior Girder 5	62.22	0.95	1	1	4.747788
EV2_str	BOBJ1	186.02	After	Interior Girder 6	62.22	0.95	1	1	5.162052
EV2_str	BOBJ1	186.02	After	Right Exterior Girder	62.18	0.95	1	1	8.284213
EV2_str	BOBJ1	192.06	Before	Left Exterior Girder	68.22	0.95	1	1	8.14832
EV2_str	BOBJ1	192.06	Before	Interior Girder 1	68.22	0.95	1	1	5.063643
EV2_str	BOBJ1	192.06	Before	Interior Girder 2	68.22	0.95	1	1	4.657863
EV2_str	BOBJ1	192.06	Before	Interior Girder 3	68.22	0.95	1	1	3.767508
EV2_str	BOBJ1	192.06	Before	Interior Girder 4	68.22	0.95	1	1	3.767508
EV2_str	BOBJ1	192.06	Before	Interior Girder 5	68.22	0.95	1	1	4.657863
EV2_str	BOBJ1	192.06	Before	Interior Girder 6	68.22	0.95	1	1	5.063643
EV2_str	BOBJ1	192.06	Before	Right Exterior Girder	68.22	0.95	1	1	8.14832
EV2_str	BOBJ1	192.06	After	Left Exterior Girder	0	0.95	1	1	8.220361
EV2_str	BOBJ1	192.06	After	Interior Girder 1	0	0.95	1	1	5.193918
EV2_str	BOBJ1	192.06	After	Interior Girder 2	0	0.95	1	1	4.782178
EV2_str	BOBJ1	192.06	After	Interior Girder 3	0	0.95	1	1	3.717454
EV2_str	BOBJ1	192.06	After	Interior Girder 4	0	0.95	1	1	3.717454
EV2_str	BOBJ1	192.06	After	Interior Girder 5	0	0.95	1	1	4.782178
EV2_str	BOBJ1	192.06	After	Interior Girder 6	0	0.95	1	1	5.193918
EV2_str	BOBJ1	192.06	After	Right Exterior Girder	0	0.95	1	1	8.220361
EV2_str	BOBJ1	197.087	Before	Interior Girder 1	5.027	0.95	1	1	5.27855
EV2_str	BOBJ1	197.087	Before	Interior Girder 2	5.027	0.95	1	1	4.859232
EV2_str	BOBJ1	197.087	Before	Interior Girder 3	5.027	0.95	1	1	3.779478
EV2_str	BOBJ1	197.087	Before	Interior Girder 4	5.027	0.95	1	1	3.779478
EV2_str	BOBJ1	197.087	Before	Interior Girder 5	5.027	0.95	1	1	4.859232
EV2_str	BOBJ1	197.087	Before	Interior Girder 6	5.027	0.95	1	1	5.27855
EV2_str	BOBJ1	197.087	After	Interior Girder 1	5.027	0.95	1	1	5.028808
EV2_str	BOBJ1	197.087	After	Interior Girder 2	5.027	0.95	1	1	5.432103
EV2_str	BOBJ1	197.087	After	Interior Girder 3	5.027	0.95	1	1	4.381312
EV2_str	BOBJ1	197.087	After	Interior Girder 4	5.027	0.95	1	1	4.381312
EV2_str	BOBJ1	197.087	After	Interior Girder 5	5.027	0.95	1	1	5.432103
EV2_str	BOBJ1	197.087	After	Interior Girder 6	5.027	0.95	1	1	5.028808
EV2_str	BOBJ1	197.91	Before	Left Exterior Girder	5.85	0.95	1	1	7.331591
EV2_str	BOBJ1	197.91	Before	Interior Girder 1	5.85	0.95	1	1	5.041519
EV2_str	BOBJ1	197.91	Before	Interior Girder 2	5.85	0.95	1	1	5.4454
EV2_str	BOBJ1	197.91	Before	Interior Girder 3	5.85	0.95	1	1	4.39238
EV2_str	BOBJ1	197.91	Before	Interior Girder 4	5.85	0.95	1	1	4.39238
EV2_str	BOBJ1	197.91	Before	Interior Girder 5	5.85	0.95	1	1	5.4454
EV2_str	BOBJ1	197.91	Before	Interior Girder 6	5.85	0.95	1	1	5.041519
EV2_str	BOBJ1	197.91	Before	Right Exterior Girder	5.85	0.95	1	1	7.331591
EV2_str	BOBJ1	197.91	After	Left Exterior Girder	5.85	0.95	1	1	7.656858
EV2_str	BOBJ1	197.91	After	Interior Girder 1	5.85	0.95	1	1	5.081158
EV2_str	BOBJ1	197.91	After	Interior Girder 2	5.85	0.95	1	1	5.3918
EV2_str	BOBJ1	197.91	After	Interior Girder 3	5.85	0.95	1	1	4.519907
EV2_str	BOBJ1	197.91	After	Interior Girder 4	5.85	0.95	1	1	4.519907
EV2_str	BOBJ1	197.91	After	Interior Girder 5	5.85	0.95	1	1	5.3918
EV2_str	BOBJ1	197.91	After	Interior Girder 6	5.85	0.95	1	1	5.081158
EV2_str	BOBJ1	197.91	After	Right Exterior Girder	5.85	0.95	1	1	7.656858
EV2_str	BOBJ1	199.1816	Before	Left Exterior Girder	7.1216	0.95	1	1	7.683532
EV2_str	BOBJ1	199.1816	Before	Right Exterior Girder	7.1216	0.95	1	1	7.683532
EV2_str	BOBJ1	199.1816	After	Left Exterior Girder	7.1216	0.95	1	1	9.381025
EV2_str	BOBJ1	199.1816	After	Right Exterior Girder	7.1216	0.95	1	1	9.381025
EV2_str	BOBJ1	203.5267	Before	Left Exterior Girder	11.3107	0.95	1	1	9.477625

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Approach, Span 12-1									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
EV2_str	BOBJ1	203.5267	Before	Interior Girder 1	11.3107	0.95	1	1	5.917745
EV2_str	BOBJ1	203.5267	Before	Interior Girder 2	11.3107	0.95	1	1	5.482133
EV2_str	BOBJ1	203.5267	Before	Interior Girder 3	11.3107	0.95	1	1	4.596527
EV2_str	BOBJ1	203.5267	Before	Interior Girder 4	11.3107	0.95	1	1	4.596527
EV2_str	BOBJ1	203.5267	Before	Interior Girder 5	11.3107	0.95	1	1	5.482133
EV2_str	BOBJ1	203.5267	Before	Interior Girder 6	11.3107	0.95	1	1	5.917745
EV2_str	BOBJ1	203.5267	Before	Right Exterior Girder	11.3107	0.95	1	1	9.477625
EV2_str	BOBJ1	203.5267	After	Left Exterior Girder	11.3107	0.95	1	1	12.318166
EV2_str	BOBJ1	203.5267	After	Interior Girder 1	11.3107	0.95	1	1	8.331728
EV2_str	BOBJ1	203.5267	After	Interior Girder 2	11.3107	0.95	1	1	7.669878
EV2_str	BOBJ1	203.5267	After	Interior Girder 3	11.3107	0.95	1	1	6.648684
EV2_str	BOBJ1	203.5267	After	Interior Girder 4	11.3107	0.95	1	1	6.648684
EV2_str	BOBJ1	203.5267	After	Interior Girder 5	11.3107	0.95	1	1	7.669878
EV2_str	BOBJ1	203.5267	After	Interior Girder 6	11.3107	0.95	1	1	8.331728
EV2_str	BOBJ1	203.5267	After	Right Exterior Girder	11.3107	0.95	1	1	12.318166
EV2_str	BOBJ1	209.1433	Before	Left Exterior Girder	17.0833	0.95	1	1	12.461981
EV2_str	BOBJ1	209.1433	Before	Interior Girder 1	17.0833	0.95	1	1	8.459446
EV2_str	BOBJ1	209.1433	Before	Interior Girder 2	17.0833	0.95	1	1	7.786771
EV2_str	BOBJ1	209.1433	Before	Interior Girder 3	17.0833	0.95	1	1	6.750742
EV2_str	BOBJ1	209.1433	Before	Interior Girder 4	17.0833	0.95	1	1	6.750742
EV2_str	BOBJ1	209.1433	Before	Interior Girder 5	17.0833	0.95	1	1	7.786771
EV2_str	BOBJ1	209.1433	Before	Interior Girder 6	17.0833	0.95	1	1	8.459446
EV2_str	BOBJ1	209.1433	Before	Right Exterior Girder	17.0833	0.95	1	1	12.461981
EV2_str	BOBJ1	209.1433	After	Left Exterior Girder	17.0833	0.95	1	1	14.509226
EV2_str	BOBJ1	209.1433	After	Interior Girder 1	17.0833	0.95	1	1	10.50457
EV2_str	BOBJ1	209.1433	After	Interior Girder 2	17.0833	0.95	1	1	9.571139
EV2_str	BOBJ1	209.1433	After	Interior Girder 3	17.0833	0.95	1	1	8.521243
EV2_str	BOBJ1	209.1433	After	Interior Girder 4	17.0833	0.95	1	1	8.521243
EV2_str	BOBJ1	209.1433	After	Interior Girder 5	17.0833	0.95	1	1	9.571139
EV2_str	BOBJ1	209.1433	After	Interior Girder 6	17.0833	0.95	1	1	10.50457
EV2_str	BOBJ1	209.1433	After	Right Exterior Girder	17.0833	0.95	1	1	14.509226
EV2_str	BOBJ1	214.76	Before	Left Exterior Girder	22.7	0.95	1	1	14.673287
EV2_str	BOBJ1	214.76	Before	Interior Girder 1	22.7	0.95	1	1	10.66251
EV2_str	BOBJ1	214.76	Before	Interior Girder 2	22.7	0.95	1	1	9.714166
EV2_str	BOBJ1	214.76	Before	Interior Girder 3	22.7	0.95	1	1	8.649288
EV2_str	BOBJ1	214.76	Before	Interior Girder 4	22.7	0.95	1	1	8.649288
EV2_str	BOBJ1	214.76	Before	Interior Girder 5	22.7	0.95	1	1	9.714166
EV2_str	BOBJ1	214.76	Before	Interior Girder 6	22.7	0.95	1	1	10.66251
EV2_str	BOBJ1	214.76	Before	Right Exterior Girder	22.7	0.95	1	1	14.673287
EV2_str	BOBJ1	214.76	After	Left Exterior Girder	22.7	0.95	1	1	21.335469
EV2_str	BOBJ1	214.76	After	Interior Girder 1	22.7	0.95	1	1	10.818948
EV2_str	BOBJ1	214.76	After	Interior Girder 2	22.7	0.95	1	1	9.653888
EV2_str	BOBJ1	214.76	After	Interior Girder 3	22.7	0.95	1	1	8.127649
EV2_str	BOBJ1	214.76	After	Interior Girder 4	22.7	0.95	1	1	8.127649
EV2_str	BOBJ1	214.76	After	Interior Girder 5	22.7	0.95	1	1	9.653888
EV2_str	BOBJ1	214.76	After	Interior Girder 6	22.7	0.95	1	1	10.818948
EV2_str	BOBJ1	214.76	After	Right Exterior Girder	22.7	0.95	1	1	21.335469
EV2_str	BOBJ1	220.3767	Before	Left Exterior Girder	28.3167	0.95	1	1	21.569858
EV2_str	BOBJ1	220.3767	Before	Interior Girder 1	28.3167	0.95	1	1	10.977859
EV2_str	BOBJ1	220.3767	Before	Interior Girder 2	28.3167	0.95	1	1	9.79556
EV2_str	BOBJ1	220.3767	Before	Interior Girder 3	28.3167	0.95	1	1	8.247019
EV2_str	BOBJ1	220.3767	Before	Interior Girder 4	28.3167	0.95	1	1	8.247019
EV2_str	BOBJ1	220.3767	Before	Interior Girder 5	28.3167	0.95	1	1	9.79556
EV2_str	BOBJ1	220.3767	Before	Interior Girder 6	28.3167	0.95	1	1	10.977859
EV2_str	BOBJ1	220.3767	Before	Right Exterior Girder	28.3167	0.95	1	1	21.569858
EV2_str	BOBJ1	220.3767	After	Left Exterior Girder	28.3167	0.95	1	1	29.079223
EV2_str	BOBJ1	220.3767	After	Interior Girder 1	28.3167	0.95	1	1	14.566549
EV2_str	BOBJ1	220.3767	After	Interior Girder 2	28.3167	0.95	1	1	12.838916
EV2_str	BOBJ1	220.3767	After	Interior Girder 3	28.3167	0.95	1	1	10.69443
EV2_str	BOBJ1	220.3767	After	Interior Girder 4	28.3167	0.95	1	1	10.69443
EV2_str	BOBJ1	220.3767	After	Interior Girder 5	28.3167	0.95	1	1	12.838916
EV2_str	BOBJ1	220.3767	After	Interior Girder 6	28.3167	0.95	1	1	14.566549
EV2_str	BOBJ1	220.3767	After	Right Exterior Girder	28.3167	0.95	1	1	29.079223
EV2_str	BOBJ1	225.9933	Before	Left Exterior Girder	33.9333	0.95	1	1	29.389288
EV2_str	BOBJ1	225.9933	Before	Interior Girder 1	33.9333	0.95	1	1	14.776492

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Approach, Span 12-1									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
EV2_str	BOBJ1	225.9933	Before	Interior Girder 2	33.9333	0.95	1	1	13.023736
EV2_str	BOBJ1	225.9933	Before	Interior Girder 3	33.9333	0.95	1	1	10.848389
EV2_str	BOBJ1	225.9933	Before	Interior Girder 4	33.9333	0.95	1	1	10.848389
EV2_str	BOBJ1	225.9933	Before	Interior Girder 5	33.9333	0.95	1	1	13.023736
EV2_str	BOBJ1	225.9933	Before	Interior Girder 6	33.9333	0.95	1	1	14.776492
EV2_str	BOBJ1	225.9933	Before	Right Exterior Girder	33.9333	0.95	1	1	29.389288
EV2_str	BOBJ1	225.9933	After	Left Exterior Girder	33.9333	0.95	1	1	26.271209
EV2_str	BOBJ1	225.9933	After	Interior Girder 1	33.9333	0.95	1	1	12.666201
EV2_str	BOBJ1	225.9933	After	Interior Girder 2	33.9333	0.95	1	1	11.2271
EV2_str	BOBJ1	225.9933	After	Interior Girder 3	33.9333	0.95	1	1	9.485371
EV2_str	BOBJ1	225.9933	After	Interior Girder 4	33.9333	0.95	1	1	9.485371
EV2_str	BOBJ1	225.9933	After	Interior Girder 5	33.9333	0.95	1	1	11.2271
EV2_str	BOBJ1	225.9933	After	Interior Girder 6	33.9333	0.95	1	1	12.666201
EV2_str	BOBJ1	225.9933	After	Right Exterior Girder	33.9333	0.95	1	1	26.271209
EV2_str	BOBJ1	231.61	Before	Left Exterior Girder	39.55	0.95	1	1	25.997366
EV2_str	BOBJ1	231.61	Before	Interior Girder 1	39.55	0.95	1	1	12.487865
EV2_str	BOBJ1	231.61	Before	Interior Girder 2	39.55	0.95	1	1	11.068814
EV2_str	BOBJ1	231.61	Before	Interior Girder 3	39.55	0.95	1	1	9.351576
EV2_str	BOBJ1	231.61	Before	Interior Girder 4	39.55	0.95	1	1	9.351576
EV2_str	BOBJ1	231.61	Before	Interior Girder 5	39.55	0.95	1	1	11.068814
EV2_str	BOBJ1	231.61	Before	Interior Girder 6	39.55	0.95	1	1	12.487865
EV2_str	BOBJ1	231.61	Before	Right Exterior Girder	39.55	0.95	1	1	25.997366
EV2_str	BOBJ1	231.61	After	Left Exterior Girder	39.55	0.95	1	1	17.133339
EV2_str	BOBJ1	231.61	After	Interior Girder 1	39.55	0.95	1	1	12.221159
EV2_str	BOBJ1	231.61	After	Interior Girder 2	39.55	0.95	1	1	11.072033
EV2_str	BOBJ1	231.61	After	Interior Girder 3	39.55	0.95	1	1	10.133341
EV2_str	BOBJ1	231.61	After	Interior Girder 4	39.55	0.95	1	1	10.133341
EV2_str	BOBJ1	231.61	After	Interior Girder 5	39.55	0.95	1	1	11.072033
EV2_str	BOBJ1	231.61	After	Interior Girder 6	39.55	0.95	1	1	12.221159
EV2_str	BOBJ1	231.61	After	Right Exterior Girder	39.55	0.95	1	1	17.133339
EV2_str	BOBJ1	237.37	Before	Left Exterior Girder	45.31	0.95	1	1	16.945319
EV2_str	BOBJ1	237.37	Before	Interior Girder 1	45.31	0.95	1	1	12.040368
EV2_str	BOBJ1	237.37	Before	Interior Girder 2	45.31	0.95	1	1	10.909019
EV2_str	BOBJ1	237.37	Before	Interior Girder 3	45.31	0.95	1	1	9.983665
EV2_str	BOBJ1	237.37	Before	Interior Girder 4	45.31	0.95	1	1	9.983665
EV2_str	BOBJ1	237.37	Before	Interior Girder 5	45.31	0.95	1	1	10.909019
EV2_str	BOBJ1	237.37	Before	Interior Girder 6	45.31	0.95	1	1	12.040368
EV2_str	BOBJ1	237.37	Before	Right Exterior Girder	45.31	0.95	1	1	16.945319
EV2_str	BOBJ1	237.37	After	Left Exterior Girder	45.31	0.95	1	1	14.016622
EV2_str	BOBJ1	237.37	After	Interior Girder 1	45.31	0.95	1	1	9.252675
EV2_str	BOBJ1	237.37	After	Interior Girder 2	45.31	0.95	1	1	8.484569
EV2_str	BOBJ1	237.37	After	Interior Girder 3	45.31	0.95	1	1	7.522743
EV2_str	BOBJ1	237.37	After	Interior Girder 4	45.31	0.95	1	1	7.522743
EV2_str	BOBJ1	237.37	After	Interior Girder 5	45.31	0.95	1	1	8.484569
EV2_str	BOBJ1	237.37	After	Interior Girder 6	45.31	0.95	1	1	9.252675
EV2_str	BOBJ1	237.37	After	Right Exterior Girder	45.31	0.95	1	1	14.016622
EV2_str	BOBJ1	243.13	Before	Left Exterior Girder	51.07	0.95	1	1	13.858075
EV2_str	BOBJ1	243.13	Before	Interior Girder 1	51.07	0.95	1	1	9.113051
EV2_str	BOBJ1	243.13	Before	Interior Girder 2	51.07	0.95	1	1	8.357167
EV2_str	BOBJ1	243.13	Before	Interior Girder 3	51.07	0.95	1	1	7.409323
EV2_str	BOBJ1	243.13	Before	Interior Girder 4	51.07	0.95	1	1	7.409323
EV2_str	BOBJ1	243.13	Before	Interior Girder 5	51.07	0.95	1	1	8.357167
EV2_str	BOBJ1	243.13	Before	Interior Girder 6	51.07	0.95	1	1	9.113051
EV2_str	BOBJ1	243.13	Before	Right Exterior Girder	51.07	0.95	1	1	13.858075
EV2_str	BOBJ1	243.13	After	Left Exterior Girder	51.07	0.95	1	1	12.185407
EV2_str	BOBJ1	243.13	After	Interior Girder 1	51.07	0.95	1	1	7.058604
EV2_str	BOBJ1	243.13	After	Interior Girder 2	51.07	0.95	1	1	6.505154
EV2_str	BOBJ1	243.13	After	Interior Girder 3	51.07	0.95	1	1	5.519377
EV2_str	BOBJ1	243.13	After	Interior Girder 4	51.07	0.95	1	1	5.519377
EV2_str	BOBJ1	243.13	After	Interior Girder 5	51.07	0.95	1	1	6.505154
EV2_str	BOBJ1	243.13	After	Interior Girder 6	51.07	0.95	1	1	7.058604
EV2_str	BOBJ1	243.13	After	Right Exterior Girder	51.07	0.95	1	1	12.185407
EV2_str	BOBJ1	248.89	Before	Left Exterior Girder	56.83	0.95	1	1	12.04294
EV2_str	BOBJ1	248.89	Before	Interior Girder 1	56.83	0.95	1	1	6.950169
EV2_str	BOBJ1	248.89	Before	Interior Girder 2	56.83	0.95	1	1	6.405452

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Approach, Span 12-1									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
EV2_str	BOBJ1	248.89	Before	Interior Girder 3	56.83	0.95	1	1	5.434379
EV2_str	BOBJ1	248.89	Before	Interior Girder 4	56.83	0.95	1	1	5.434379
EV2_str	BOBJ1	248.89	Before	Interior Girder 5	56.83	0.95	1	1	6.405452
EV2_str	BOBJ1	248.89	Before	Interior Girder 6	56.83	0.95	1	1	6.950169
EV2_str	BOBJ1	248.89	Before	Right Exterior Girder	56.83	0.95	1	1	12.04294
EV3_str	BOBJ1	0	After	Left Exterior Girder	0	0.95	1	1	7.84103
EV3_str	BOBJ1	0	After	Interior Girder 1	0	0.95	1	1	5.154787
EV3_str	BOBJ1	0	After	Interior Girder 2	0	0.95	1	1	4.761388
EV3_str	BOBJ1	0	After	Interior Girder 3	0	0.95	1	1	4.078715
EV3_str	BOBJ1	0	After	Interior Girder 4	0	0.95	1	1	4.078715
EV3_str	BOBJ1	0	After	Interior Girder 5	0	0.95	1	1	4.761388
EV3_str	BOBJ1	0	After	Interior Girder 6	0	0.95	1	1	5.154787
EV3_str	BOBJ1	0	After	Right Exterior Girder	0	0.95	1	1	7.84103
EV3_str	BOBJ1	5.85	Before	Left Exterior Girder	5.85	0.95	1	1	7.927532
EV3_str	BOBJ1	5.85	Before	Interior Girder 1	5.85	0.95	1	1	5.231282
EV3_str	BOBJ1	5.85	Before	Interior Girder 2	5.85	0.95	1	1	4.831598
EV3_str	BOBJ1	5.85	Before	Interior Girder 3	5.85	0.95	1	1	4.139295
EV3_str	BOBJ1	5.85	Before	Interior Girder 4	5.85	0.95	1	1	4.139295
EV3_str	BOBJ1	5.85	Before	Interior Girder 5	5.85	0.95	1	1	4.831598
EV3_str	BOBJ1	5.85	Before	Interior Girder 6	5.85	0.95	1	1	5.231282
EV3_str	BOBJ1	5.85	Before	Right Exterior Girder	5.85	0.95	1	1	7.927532
EV3_str	BOBJ1	5.85	After	Left Exterior Girder	5.85	0.95	1	1	10.065093
EV3_str	BOBJ1	5.85	After	Interior Girder 1	5.85	0.95	1	1	5.994941
EV3_str	BOBJ1	5.85	After	Interior Girder 2	5.85	0.95	1	1	5.544246
EV3_str	BOBJ1	5.85	After	Interior Girder 3	5.85	0.95	1	1	4.832689
EV3_str	BOBJ1	5.85	After	Interior Girder 4	5.85	0.95	1	1	4.832689
EV3_str	BOBJ1	5.85	After	Interior Girder 5	5.85	0.95	1	1	5.544246
EV3_str	BOBJ1	5.85	After	Interior Girder 6	5.85	0.95	1	1	5.994941
EV3_str	BOBJ1	5.85	After	Right Exterior Girder	5.85	0.95	1	1	10.065093
EV3_str	BOBJ1	11.4667	Before	Left Exterior Girder	11.4667	0.95	1	1	10.168444
EV3_str	BOBJ1	11.4667	Before	Interior Girder 1	11.4667	0.95	1	1	6.07855
EV3_str	BOBJ1	11.4667	Before	Interior Girder 2	11.4667	0.95	1	1	5.621395
EV3_str	BOBJ1	11.4667	Before	Interior Girder 3	11.4667	0.95	1	1	4.900041
EV3_str	BOBJ1	11.4667	Before	Interior Girder 4	11.4667	0.95	1	1	4.900041
EV3_str	BOBJ1	11.4667	Before	Interior Girder 5	11.4667	0.95	1	1	5.621395
EV3_str	BOBJ1	11.4667	Before	Interior Girder 6	11.4667	0.95	1	1	6.07855
EV3_str	BOBJ1	11.4667	Before	Right Exterior Girder	11.4667	0.95	1	1	10.168444
EV3_str	BOBJ1	11.4667	After	Left Exterior Girder	11.4667	0.95	1	1	12.225777
EV3_str	BOBJ1	11.4667	After	Interior Girder 1	11.4667	0.95	1	1	7.871124
EV3_str	BOBJ1	11.4667	After	Interior Girder 2	11.4667	0.95	1	1	7.215059
EV3_str	BOBJ1	11.4667	After	Interior Girder 3	11.4667	0.95	1	1	6.431758
EV3_str	BOBJ1	11.4667	After	Interior Girder 4	11.4667	0.95	1	1	6.431758
EV3_str	BOBJ1	11.4667	After	Interior Girder 5	11.4667	0.95	1	1	7.215059
EV3_str	BOBJ1	11.4667	After	Interior Girder 6	11.4667	0.95	1	1	7.871124
EV3_str	BOBJ1	11.4667	After	Right Exterior Girder	11.4667	0.95	1	1	12.225777
EV3_str	BOBJ1	17.0833	Before	Left Exterior Girder	17.0833	0.95	1	1	12.347731
EV3_str	BOBJ1	17.0833	Before	Interior Girder 1	17.0833	0.95	1	1	7.978932
EV3_str	BOBJ1	17.0833	Before	Interior Girder 2	17.0833	0.95	1	1	7.313625
EV3_str	BOBJ1	17.0833	Before	Interior Girder 3	17.0833	0.95	1	1	6.519691
EV3_str	BOBJ1	17.0833	Before	Interior Girder 4	17.0833	0.95	1	1	6.519691
EV3_str	BOBJ1	17.0833	Before	Interior Girder 5	17.0833	0.95	1	1	7.313625
EV3_str	BOBJ1	17.0833	Before	Interior Girder 6	17.0833	0.95	1	1	7.978932
EV3_str	BOBJ1	17.0833	Before	Right Exterior Girder	17.0833	0.95	1	1	12.347731
EV3_str	BOBJ1	17.0833	After	Left Exterior Girder	17.0833	0.95	1	1	15.632475
EV3_str	BOBJ1	17.0833	After	Interior Girder 1	17.0833	0.95	1	1	10.422754
EV3_str	BOBJ1	17.0833	After	Interior Girder 2	17.0833	0.95	1	1	9.529502
EV3_str	BOBJ1	17.0833	After	Interior Girder 3	17.0833	0.95	1	1	8.175154
EV3_str	BOBJ1	17.0833	After	Interior Girder 4	17.0833	0.95	1	1	8.175154
EV3_str	BOBJ1	17.0833	After	Interior Girder 5	17.0833	0.95	1	1	9.529502
EV3_str	BOBJ1	17.0833	After	Interior Girder 6	17.0833	0.95	1	1	10.422754
EV3_str	BOBJ1	17.0833	After	Right Exterior Girder	17.0833	0.95	1	1	15.632475
EV3_str	BOBJ1	22.7	Before	Left Exterior Girder	22.7	0.95	1	1	15.784148
EV3_str	BOBJ1	22.7	Before	Interior Girder 1	22.7	0.95	1	1	10.562934
EV3_str	BOBJ1	22.7	Before	Interior Girder 2	22.7	0.95	1	1	9.657329
EV3_str	BOBJ1	22.7	Before	Interior Girder 3	22.7	0.95	1	1	8.068142

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Approach, Span 12-1									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
EV3_str	BOBJ1	22.7	Before	Interior Girder 4	22.7	0.95	1	1	8.068142
EV3_str	BOBJ1	22.7	Before	Interior Girder 5	22.7	0.95	1	1	9.657329
EV3_str	BOBJ1	22.7	Before	Interior Girder 6	22.7	0.95	1	1	10.562934
EV3_str	BOBJ1	22.7	Before	Right Exterior Girder	22.7	0.95	1	1	15.784148
EV3_str	BOBJ1	22.7	After	Left Exterior Girder	22.7	0.95	1	1	18.375458
EV3_str	BOBJ1	22.7	After	Interior Girder 1	22.7	0.95	1	1	10.272411
EV3_str	BOBJ1	22.7	After	Interior Girder 2	22.7	0.95	1	1	8.937836
EV3_str	BOBJ1	22.7	After	Interior Girder 3	22.7	0.95	1	1	7.514034
EV3_str	BOBJ1	22.7	After	Interior Girder 4	22.7	0.95	1	1	7.514034
EV3_str	BOBJ1	22.7	After	Interior Girder 5	22.7	0.95	1	1	8.937836
EV3_str	BOBJ1	22.7	After	Interior Girder 6	22.7	0.95	1	1	10.272411
EV3_str	BOBJ1	22.7	After	Right Exterior Girder	22.7	0.95	1	1	18.375458
EV3_str	BOBJ1	28.3167	Before	Left Exterior Girder	28.3167	0.95	1	1	18.196071
EV3_str	BOBJ1	28.3167	Before	Interior Girder 1	28.3167	0.95	1	1	10.407253
EV3_str	BOBJ1	28.3167	Before	Interior Girder 2	28.3167	0.95	1	1	9.055596
EV3_str	BOBJ1	28.3167	Before	Interior Girder 3	28.3167	0.95	1	1	7.612971
EV3_str	BOBJ1	28.3167	Before	Interior Girder 4	28.3167	0.95	1	1	7.612971
EV3_str	BOBJ1	28.3167	Before	Interior Girder 5	28.3167	0.95	1	1	9.055596
EV3_str	BOBJ1	28.3167	Before	Interior Girder 6	28.3167	0.95	1	1	10.407253
EV3_str	BOBJ1	28.3167	Before	Right Exterior Girder	28.3167	0.95	1	1	18.196071
EV3_str	BOBJ1	28.3167	After	Left Exterior Girder	28.3167	0.95	1	1	13.526013
EV3_str	BOBJ1	28.3167	After	Interior Girder 1	28.3167	0.95	1	1	8.111133
EV3_str	BOBJ1	28.3167	After	Interior Girder 2	28.3167	0.95	1	1	7.387058
EV3_str	BOBJ1	28.3167	After	Interior Girder 3	28.3167	0.95	1	1	6.310091
EV3_str	BOBJ1	28.3167	After	Interior Girder 4	28.3167	0.95	1	1	6.310091
EV3_str	BOBJ1	28.3167	After	Interior Girder 5	28.3167	0.95	1	1	7.387058
EV3_str	BOBJ1	28.3167	After	Interior Girder 6	28.3167	0.95	1	1	8.111133
EV3_str	BOBJ1	28.3167	After	Right Exterior Girder	28.3167	0.95	1	1	13.526013
EV3_str	BOBJ1	33.9333	Before	Left Exterior Girder	33.9333	0.95	1	1	13.390216
EV3_str	BOBJ1	33.9333	Before	Interior Girder 1	33.9333	0.95	1	1	8.000627
EV3_str	BOBJ1	33.9333	Before	Interior Girder 2	33.9333	0.95	1	1	7.28678
EV3_str	BOBJ1	33.9333	Before	Interior Girder 3	33.9333	0.95	1	1	6.22434
EV3_str	BOBJ1	33.9333	Before	Interior Girder 4	33.9333	0.95	1	1	6.22434
EV3_str	BOBJ1	33.9333	Before	Interior Girder 5	33.9333	0.95	1	1	7.28678
EV3_str	BOBJ1	33.9333	Before	Interior Girder 6	33.9333	0.95	1	1	8.000627
EV3_str	BOBJ1	33.9333	Before	Right Exterior Girder	33.9333	0.95	1	1	13.390216
EV3_str	BOBJ1	33.9333	After	Left Exterior Girder	33.9333	0.95	1	1	10.947464
EV3_str	BOBJ1	33.9333	After	Interior Girder 1	33.9333	0.95	1	1	6.281539
EV3_str	BOBJ1	33.9333	After	Interior Girder 2	33.9333	0.95	1	1	5.729346
EV3_str	BOBJ1	33.9333	After	Interior Girder 3	33.9333	0.95	1	1	4.897547
EV3_str	BOBJ1	33.9333	After	Interior Girder 4	33.9333	0.95	1	1	4.897547
EV3_str	BOBJ1	33.9333	After	Interior Girder 5	33.9333	0.95	1	1	5.729346
EV3_str	BOBJ1	33.9333	After	Interior Girder 6	33.9333	0.95	1	1	6.281539
EV3_str	BOBJ1	33.9333	After	Right Exterior Girder	33.9333	0.95	1	1	10.947464
EV3_str	BOBJ1	39.55	Before	Left Exterior Girder	39.55	0.95	1	1	10.834284
EV3_str	BOBJ1	39.55	Before	Interior Girder 1	39.55	0.95	1	1	6.194428
EV3_str	BOBJ1	39.55	Before	Interior Girder 2	39.55	0.95	1	1	5.650144
EV3_str	BOBJ1	39.55	Before	Interior Girder 3	39.55	0.95	1	1	4.829697
EV3_str	BOBJ1	39.55	Before	Interior Girder 4	39.55	0.95	1	1	4.829697
EV3_str	BOBJ1	39.55	Before	Interior Girder 5	39.55	0.95	1	1	5.650144
EV3_str	BOBJ1	39.55	Before	Interior Girder 6	39.55	0.95	1	1	6.194428
EV3_str	BOBJ1	39.55	Before	Right Exterior Girder	39.55	0.95	1	1	10.834284
EV3_str	BOBJ1	39.55	After	Left Exterior Girder	39.55	0.95	1	1	8.137996
EV3_str	BOBJ1	39.55	After	Interior Girder 1	39.55	0.95	1	1	6.053666
EV3_str	BOBJ1	39.55	After	Interior Girder 2	39.55	0.95	1	1	5.534663
EV3_str	BOBJ1	39.55	After	Interior Girder 3	39.55	0.95	1	1	4.897465
EV3_str	BOBJ1	39.55	After	Interior Girder 4	39.55	0.95	1	1	4.897465
EV3_str	BOBJ1	39.55	After	Interior Girder 5	39.55	0.95	1	1	5.534663
EV3_str	BOBJ1	39.55	After	Interior Girder 6	39.55	0.95	1	1	6.053666
EV3_str	BOBJ1	39.55	After	Right Exterior Girder	39.55	0.95	1	1	8.137996
EV3_str	BOBJ1	45.1733	Before	Left Exterior Girder	45.1226	0.95	1	1	8.051178
EV3_str	BOBJ1	45.1733	Before	Interior Girder 1	45.1226	0.95	1	1	5.967912
EV3_str	BOBJ1	45.1733	Before	Interior Girder 2	45.1226	0.95	1	1	5.456845
EV3_str	BOBJ1	45.1733	Before	Interior Girder 3	45.1226	0.95	1	1	4.827918
EV3_str	BOBJ1	45.1733	Before	Interior Girder 4	45.1226	0.95	1	1	4.827918

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Approach, Span 12-1									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
EV3_str	BOBJ1	45.1733	Before	Interior Girder 5	45.1226	0.95	1	1	5.456845
EV3_str	BOBJ1	45.1733	Before	Interior Girder 6	45.1226	0.95	1	1	5.967912
EV3_str	BOBJ1	45.1733	Before	Right Exterior Girder	45.1226	0.95	1	1	8.051178
EV3_str	BOBJ1	45.1733	After	Left Exterior Girder	45.1226	0.95	1	1	6.022332
EV3_str	BOBJ1	45.1733	After	Interior Girder 1	45.1226	0.95	1	1	4.112121
EV3_str	BOBJ1	45.1733	After	Interior Girder 2	45.1226	0.95	1	1	3.791954
EV3_str	BOBJ1	45.1733	After	Interior Girder 3	45.1226	0.95	1	1	3.206373
EV3_str	BOBJ1	45.1733	After	Interior Girder 4	45.1226	0.95	1	1	3.206373
EV3_str	BOBJ1	45.1733	After	Interior Girder 5	45.1226	0.95	1	1	3.791954
EV3_str	BOBJ1	45.1733	After	Interior Girder 6	45.1226	0.95	1	1	4.112121
EV3_str	BOBJ1	45.1733	After	Right Exterior Girder	45.1226	0.95	1	1	6.022332
EV3_str	BOBJ1	49.2561	Before	Left Exterior Girder	49.2561	0.95	1	1	5.966629
EV3_str	BOBJ1	49.2561	Before	Right Exterior Girder	49.2561	0.95	1	1	5.966629
EV3_str	BOBJ1	49.2561	After	Left Exterior Girder	49.2561	0.95	1	1	5.126169
EV3_str	BOBJ1	49.2561	After	Right Exterior Girder	49.2561	0.95	1	1	5.126169
EV3_str	BOBJ1	50.7967	Before	Left Exterior Girder	50.7967	0.95	1	1	5.105981
EV3_str	BOBJ1	50.7967	Before	Interior Girder 1	50.7967	0.95	1	1	3.364066
EV3_str	BOBJ1	50.7967	Before	Interior Girder 2	50.7967	0.95	1	1	3.729613
EV3_str	BOBJ1	50.7967	Before	Interior Girder 3	50.7967	0.95	1	1	3.152852
EV3_str	BOBJ1	50.7967	Before	Interior Girder 4	50.7967	0.95	1	1	3.152852
EV3_str	BOBJ1	50.7967	Before	Interior Girder 5	50.7967	0.95	1	1	3.729613
EV3_str	BOBJ1	50.7967	Before	Interior Girder 6	50.7967	0.95	1	1	3.364066
EV3_str	BOBJ1	50.7967	Before	Right Exterior Girder	50.7967	0.95	1	1	5.105981
EV3_str	BOBJ1	50.7967	After	Left Exterior Girder	50.7967	0.95	1	1	5.276881
EV3_str	BOBJ1	50.7967	After	Interior Girder 1	50.7967	0.95	1	1	2.875159
EV3_str	BOBJ1	50.7967	After	Interior Girder 2	50.7967	0.95	1	1	2.917592
EV3_str	BOBJ1	50.7967	After	Interior Girder 3	50.7967	0.95	1	1	2.31764
EV3_str	BOBJ1	50.7967	After	Interior Girder 4	50.7967	0.95	1	1	2.31764
EV3_str	BOBJ1	50.7967	After	Interior Girder 5	50.7967	0.95	1	1	2.917592
EV3_str	BOBJ1	50.7967	After	Interior Girder 6	50.7967	0.95	1	1	2.875159
EV3_str	BOBJ1	50.7967	After	Right Exterior Girder	50.7967	0.95	1	1	5.276881
EV3_str	BOBJ1	51.3989	Before	Interior Girder 1	51.3989	0.95	1	1	2.86983
EV3_str	BOBJ1	51.3989	Before	Interior Girder 2	51.3989	0.95	1	1	2.912358
EV3_str	BOBJ1	51.3989	Before	Interior Girder 3	51.3989	0.95	1	1	2.3134
EV3_str	BOBJ1	51.3989	Before	Interior Girder 4	51.3989	0.95	1	1	2.3134
EV3_str	BOBJ1	51.3989	Before	Interior Girder 5	51.3989	0.95	1	1	2.912358
EV3_str	BOBJ1	51.3989	Before	Interior Girder 6	51.3989	0.95	1	1	2.86983
EV3_str	BOBJ1	51.3989	After	Interior Girder 1	51.3989	0.95	1	1	3.333896
EV3_str	BOBJ1	51.3989	After	Interior Girder 2	51.3989	0.95	1	1	3.081369
EV3_str	BOBJ1	51.3989	After	Interior Girder 3	51.3989	0.95	1	1	2.489369
EV3_str	BOBJ1	51.3989	After	Interior Girder 4	51.3989	0.95	1	1	2.489369
EV3_str	BOBJ1	51.3989	After	Interior Girder 5	51.3989	0.95	1	1	3.081369
EV3_str	BOBJ1	51.3989	After	Interior Girder 6	51.3989	0.95	1	1	3.333896
EV3_str	BOBJ1	56.42	Before	Left Exterior Girder	56.42	0.95	1	1	5.528562
EV3_str	BOBJ1	56.42	Before	Interior Girder 1	56.42	0.95	1	1	3.280967
EV3_str	BOBJ1	56.42	Before	Interior Girder 2	56.42	0.95	1	1	3.032848
EV3_str	BOBJ1	56.42	Before	Interior Girder 3	56.42	0.95	1	1	2.449329
EV3_str	BOBJ1	56.42	Before	Interior Girder 4	56.42	0.95	1	1	2.449329
EV3_str	BOBJ1	56.42	Before	Interior Girder 5	56.42	0.95	1	1	3.032848
EV3_str	BOBJ1	56.42	Before	Interior Girder 6	56.42	0.95	1	1	3.280967
EV3_str	BOBJ1	56.42	Before	Right Exterior Girder	56.42	0.95	1	1	5.528562
EV3_str	BOBJ1	56.42	After	Left Exterior Girder	0	0.95	1	1	5.487606
EV3_str	BOBJ1	56.42	After	Interior Girder 1	0	0.95	1	1	3.349694
EV3_str	BOBJ1	56.42	After	Interior Girder 2	0	0.95	1	1	3.084949
EV3_str	BOBJ1	56.42	After	Interior Girder 3	0	0.95	1	1	2.49279
EV3_str	BOBJ1	56.42	After	Interior Girder 4	0	0.95	1	1	2.49279
EV3_str	BOBJ1	56.42	After	Interior Girder 5	0	0.95	1	1	3.084949
EV3_str	BOBJ1	56.42	After	Interior Girder 6	0	0.95	1	1	3.349694
EV3_str	BOBJ1	56.42	After	Right Exterior Girder	0	0.95	1	1	5.487606
EV3_str	BOBJ1	62.0367	Before	Left Exterior Girder	5.6167	0.95	1	1	5.571065
EV3_str	BOBJ1	62.0367	Before	Interior Girder 1	5.6167	0.95	1	1	3.409562
EV3_str	BOBJ1	62.0367	Before	Interior Girder 2	5.6167	0.95	1	1	3.139679
EV3_str	BOBJ1	62.0367	Before	Interior Girder 3	5.6167	0.95	1	1	2.537985
EV3_str	BOBJ1	62.0367	Before	Interior Girder 4	5.6167	0.95	1	1	2.537985
EV3_str	BOBJ1	62.0367	Before	Interior Girder 5	5.6167	0.95	1	1	3.139679

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Approach, Span 12-1									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
EV3_str	BOBJ1	62.0367	Before	Interior Girder 6	5.6167	0.95	1	1	3.409562
EV3_str	BOBJ1	62.0367	Before	Right Exterior Girder	5.6167	0.95	1	1	5.571065
EV3_str	BOBJ1	62.0367	After	Left Exterior Girder	5.6167	0.95	1	1	8.160658
EV3_str	BOBJ1	62.0367	After	Interior Girder 1	5.6167	0.95	1	1	3.170521
EV3_str	BOBJ1	62.0367	After	Interior Girder 2	5.6167	0.95	1	1	3.523035
EV3_str	BOBJ1	62.0367	After	Interior Girder 3	5.6167	0.95	1	1	2.919603
EV3_str	BOBJ1	62.0367	After	Interior Girder 4	5.6167	0.95	1	1	2.919603
EV3_str	BOBJ1	62.0367	After	Interior Girder 5	5.6167	0.95	1	1	3.523035
EV3_str	BOBJ1	62.0367	After	Interior Girder 6	5.6167	0.95	1	1	3.170521
EV3_str	BOBJ1	62.0367	After	Right Exterior Girder	5.6167	0.95	1	1	8.160658
EV3_str	BOBJ1	62.4203	Before	Interior Girder 1	6.0003	0.95	1	1	3.174402
EV3_str	BOBJ1	62.4203	Before	Interior Girder 2	6.0003	0.95	1	1	3.527222
EV3_str	BOBJ1	62.4203	Before	Interior Girder 3	6.0003	0.95	1	1	2.923141
EV3_str	BOBJ1	62.4203	Before	Interior Girder 4	6.0003	0.95	1	1	2.923141
EV3_str	BOBJ1	62.4203	Before	Interior Girder 5	6.0003	0.95	1	1	3.527222
EV3_str	BOBJ1	62.4203	Before	Interior Girder 6	6.0003	0.95	1	1	3.174402
EV3_str	BOBJ1	62.4203	After	Interior Girder 1	6.0003	0.95	1	1	3.189196
EV3_str	BOBJ1	62.4203	After	Interior Girder 2	6.0003	0.95	1	1	3.783385
EV3_str	BOBJ1	62.4203	After	Interior Girder 3	6.0003	0.95	1	1	3.208733
EV3_str	BOBJ1	62.4203	After	Interior Girder 4	6.0003	0.95	1	1	3.208733
EV3_str	BOBJ1	62.4203	After	Interior Girder 5	6.0003	0.95	1	1	3.783385
EV3_str	BOBJ1	62.4203	After	Interior Girder 6	6.0003	0.95	1	1	3.189196
EV3_str	BOBJ1	64.9204	Before	Left Exterior Girder	8.5004	0.95	1	1	5.774533
EV3_str	BOBJ1	64.9204	Before	Right Exterior Girder	8.5004	0.95	1	1	5.774533
EV3_str	BOBJ1	64.9204	After	Left Exterior Girder	8.5004	0.95	1	1	5.843629
EV3_str	BOBJ1	64.9204	After	Right Exterior Girder	8.5004	0.95	1	1	5.843629
EV3_str	BOBJ1	67.6533	Before	Left Exterior Girder	11.2333	0.95	1	1	5.879209
EV3_str	BOBJ1	67.6533	Before	Interior Girder 1	11.2333	0.95	1	1	4.202872
EV3_str	BOBJ1	67.6533	Before	Interior Girder 2	11.2333	0.95	1	1	3.841665
EV3_str	BOBJ1	67.6533	Before	Interior Girder 3	11.2333	0.95	1	1	3.25895
EV3_str	BOBJ1	67.6533	Before	Interior Girder 4	11.2333	0.95	1	1	3.25895
EV3_str	BOBJ1	67.6533	Before	Interior Girder 5	11.2333	0.95	1	1	3.841665
EV3_str	BOBJ1	67.6533	Before	Interior Girder 6	11.2333	0.95	1	1	4.202872
EV3_str	BOBJ1	67.6533	Before	Right Exterior Girder	11.2333	0.95	1	1	5.879209
EV3_str	BOBJ1	67.6533	After	Left Exterior Girder	11.2333	0.95	1	1	6.574686
EV3_str	BOBJ1	67.6533	After	Interior Girder 1	11.2333	0.95	1	1	5.067667
EV3_str	BOBJ1	67.6533	After	Interior Girder 2	11.2333	0.95	1	1	4.648209
EV3_str	BOBJ1	67.6533	After	Interior Girder 3	11.2333	0.95	1	1	4.14215
EV3_str	BOBJ1	67.6533	After	Interior Girder 4	11.2333	0.95	1	1	4.14215
EV3_str	BOBJ1	67.6533	After	Interior Girder 5	11.2333	0.95	1	1	4.648209
EV3_str	BOBJ1	67.6533	After	Interior Girder 6	11.2333	0.95	1	1	5.067667
EV3_str	BOBJ1	67.6533	After	Right Exterior Girder	11.2333	0.95	1	1	6.574686
EV3_str	BOBJ1	73.27	Before	Left Exterior Girder	16.85	0.95	1	1	6.654464
EV3_str	BOBJ1	73.27	Before	Interior Girder 1	16.85	0.95	1	1	5.150477
EV3_str	BOBJ1	73.27	Before	Interior Girder 2	16.85	0.95	1	1	4.723559
EV3_str	BOBJ1	73.27	Before	Interior Girder 3	16.85	0.95	1	1	4.210141
EV3_str	BOBJ1	73.27	Before	Interior Girder 4	16.85	0.95	1	1	4.210141
EV3_str	BOBJ1	73.27	Before	Interior Girder 5	16.85	0.95	1	1	4.723559
EV3_str	BOBJ1	73.27	Before	Interior Girder 6	16.85	0.95	1	1	5.150477
EV3_str	BOBJ1	73.27	Before	Right Exterior Girder	16.85	0.95	1	1	6.654464
EV3_str	BOBJ1	73.27	After	Left Exterior Girder	16.85	0.95	1	1	8.818233
EV3_str	BOBJ1	73.27	After	Interior Girder 1	16.85	0.95	1	1	5.248844
EV3_str	BOBJ1	73.27	After	Interior Girder 2	16.85	0.95	1	1	4.838903
EV3_str	BOBJ1	73.27	After	Interior Girder 3	16.85	0.95	1	1	4.162168
EV3_str	BOBJ1	73.27	After	Interior Girder 4	16.85	0.95	1	1	4.162168
EV3_str	BOBJ1	73.27	After	Interior Girder 5	16.85	0.95	1	1	4.838903
EV3_str	BOBJ1	73.27	After	Interior Girder 6	16.85	0.95	1	1	5.248844
EV3_str	BOBJ1	73.27	After	Right Exterior Girder	16.85	0.95	1	1	8.818233
EV3_str	BOBJ1	78.8867	Before	Left Exterior Girder	22.4667	0.95	1	1	8.921431
EV3_str	BOBJ1	78.8867	Before	Interior Girder 1	22.4667	0.95	1	1	5.33265
EV3_str	BOBJ1	78.8867	Before	Interior Girder 2	22.4667	0.95	1	1	4.91595
EV3_str	BOBJ1	78.8867	Before	Interior Girder 3	22.4667	0.95	1	1	4.228632
EV3_str	BOBJ1	78.8867	Before	Interior Girder 4	22.4667	0.95	1	1	4.228632
EV3_str	BOBJ1	78.8867	Before	Interior Girder 5	22.4667	0.95	1	1	4.91595
EV3_str	BOBJ1	78.8867	Before	Interior Girder 6	22.4667	0.95	1	1	5.33265

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Approach, Span 12-1									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
EV3_str	BOBJ1	78.8867	Before	Right Exterior Girder	22.4667	0.95	1	1	8.921431
EV3_str	BOBJ1	78.8867	After	Left Exterior Girder	22.4667	0.95	1	1	10.549448
EV3_str	BOBJ1	78.8867	After	Interior Girder 1	22.4667	0.95	1	1	6.720028
EV3_str	BOBJ1	78.8867	After	Interior Girder 2	22.4667	0.95	1	1	6.199165
EV3_str	BOBJ1	78.8867	After	Interior Girder 3	22.4667	0.95	1	1	5.387704
EV3_str	BOBJ1	78.8867	After	Interior Girder 4	22.4667	0.95	1	1	5.387704
EV3_str	BOBJ1	78.8867	After	Interior Girder 5	22.4667	0.95	1	1	6.199165
EV3_str	BOBJ1	78.8867	After	Interior Girder 6	22.4667	0.95	1	1	6.720028
EV3_str	BOBJ1	78.8867	After	Right Exterior Girder	22.4667	0.95	1	1	10.549448
EV3_str	BOBJ1	84.5033	Before	Left Exterior Girder	28.0833	0.95	1	1	10.668726
EV3_str	BOBJ1	84.5033	Before	Interior Girder 1	28.0833	0.95	1	1	6.825148
EV3_str	BOBJ1	84.5033	Before	Interior Girder 2	28.0833	0.95	1	1	6.295811
EV3_str	BOBJ1	84.5033	Before	Interior Girder 3	28.0833	0.95	1	1	5.471832
EV3_str	BOBJ1	84.5033	Before	Interior Girder 4	28.0833	0.95	1	1	5.471832
EV3_str	BOBJ1	84.5033	Before	Interior Girder 5	28.0833	0.95	1	1	6.295811
EV3_str	BOBJ1	84.5033	Before	Interior Girder 6	28.0833	0.95	1	1	6.825148
EV3_str	BOBJ1	84.5033	Before	Right Exterior Girder	28.0833	0.95	1	1	10.668726
EV3_str	BOBJ1	84.5033	After	Left Exterior Girder	28.0833	0.95	1	1	13.375239
EV3_str	BOBJ1	84.5033	After	Interior Girder 1	28.0833	0.95	1	1	8.729984
EV3_str	BOBJ1	84.5033	After	Interior Girder 2	28.0833	0.95	1	1	7.538062
EV3_str	BOBJ1	84.5033	After	Interior Girder 3	28.0833	0.95	1	1	6.337727
EV3_str	BOBJ1	84.5033	After	Interior Girder 4	28.0833	0.95	1	1	6.337727
EV3_str	BOBJ1	84.5033	After	Interior Girder 5	28.0833	0.95	1	1	7.538062
EV3_str	BOBJ1	84.5033	After	Interior Girder 6	28.0833	0.95	1	1	8.729984
EV3_str	BOBJ1	84.5033	After	Right Exterior Girder	28.0833	0.95	1	1	13.375239
EV3_str	BOBJ1	90.12	Before	Left Exterior Girder	33.7	0.95	1	1	13.521585
EV3_str	BOBJ1	90.12	Before	Interior Girder 1	33.7	0.95	1	1	8.601653
EV3_str	BOBJ1	90.12	Before	Interior Girder 2	33.7	0.95	1	1	7.42686
EV3_str	BOBJ1	90.12	Before	Interior Girder 3	33.7	0.95	1	1	6.244318
EV3_str	BOBJ1	90.12	Before	Interior Girder 4	33.7	0.95	1	1	6.244318
EV3_str	BOBJ1	90.12	Before	Interior Girder 5	33.7	0.95	1	1	7.42686
EV3_str	BOBJ1	90.12	Before	Interior Girder 6	33.7	0.95	1	1	8.601653
EV3_str	BOBJ1	90.12	Before	Right Exterior Girder	33.7	0.95	1	1	13.521585
EV3_str	BOBJ1	90.12	After	Left Exterior Girder	33.7	0.95	1	1	13.919058
EV3_str	BOBJ1	90.12	After	Interior Girder 1	33.7	0.95	1	1	8.549725
EV3_str	BOBJ1	90.12	After	Interior Girder 2	33.7	0.95	1	1	7.397126
EV3_str	BOBJ1	90.12	After	Interior Girder 3	33.7	0.95	1	1	6.230459
EV3_str	BOBJ1	90.12	After	Interior Girder 4	33.7	0.95	1	1	6.230459
EV3_str	BOBJ1	90.12	After	Interior Girder 5	33.7	0.95	1	1	7.397126
EV3_str	BOBJ1	90.12	After	Interior Girder 6	33.7	0.95	1	1	8.549725
EV3_str	BOBJ1	90.12	After	Right Exterior Girder	33.7	0.95	1	1	13.919058
EV3_str	BOBJ1	95.7367	Before	Left Exterior Girder	39.3167	0.95	1	1	13.76844
EV3_str	BOBJ1	95.7367	Before	Interior Girder 1	39.3167	0.95	1	1	8.67723
EV3_str	BOBJ1	95.7367	Before	Interior Girder 2	39.3167	0.95	1	1	7.507815
EV3_str	BOBJ1	95.7367	Before	Interior Girder 3	39.3167	0.95	1	1	6.323588
EV3_str	BOBJ1	95.7367	Before	Interior Girder 4	39.3167	0.95	1	1	6.323588
EV3_str	BOBJ1	95.7367	Before	Interior Girder 5	39.3167	0.95	1	1	7.507815
EV3_str	BOBJ1	95.7367	Before	Interior Girder 6	39.3167	0.95	1	1	8.67723
EV3_str	BOBJ1	95.7367	Before	Right Exterior Girder	39.3167	0.95	1	1	13.76844
EV3_str	BOBJ1	95.7367	After	Left Exterior Girder	39.3167	0.95	1	1	10.938416
EV3_str	BOBJ1	95.7367	After	Interior Girder 1	39.3167	0.95	1	1	6.895594
EV3_str	BOBJ1	95.7367	After	Interior Girder 2	39.3167	0.95	1	1	6.366355
EV3_str	BOBJ1	95.7367	After	Interior Girder 3	39.3167	0.95	1	1	5.490691
EV3_str	BOBJ1	95.7367	After	Interior Girder 4	39.3167	0.95	1	1	5.490691
EV3_str	BOBJ1	95.7367	After	Interior Girder 5	39.3167	0.95	1	1	6.366355
EV3_str	BOBJ1	95.7367	After	Interior Girder 6	39.3167	0.95	1	1	6.895594
EV3_str	BOBJ1	95.7367	After	Right Exterior Girder	39.3167	0.95	1	1	10.938416
EV3_str	BOBJ1	101.3533	Before	Left Exterior Girder	44.9333	0.95	1	1	10.816147
EV3_str	BOBJ1	101.3533	Before	Interior Girder 1	44.9333	0.95	1	1	6.789346
EV3_str	BOBJ1	101.3533	Before	Interior Girder 2	44.9333	0.95	1	1	6.268563
EV3_str	BOBJ1	101.3533	Before	Interior Girder 3	44.9333	0.95	1	1	5.406206
EV3_str	BOBJ1	101.3533	Before	Interior Girder 4	44.9333	0.95	1	1	5.406206
EV3_str	BOBJ1	101.3533	Before	Interior Girder 5	44.9333	0.95	1	1	6.268563
EV3_str	BOBJ1	101.3533	Before	Interior Girder 6	44.9333	0.95	1	1	6.789346
EV3_str	BOBJ1	101.3533	Before	Right Exterior Girder	44.9333	0.95	1	1	10.816147

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Approach, Span 12-1									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
EV3_str	BOBJ1	101.3533	After	Left Exterior Girder	44.9333	0.95	1	1	9.112736
EV3_str	BOBJ1	101.3533	After	Interior Girder 1	44.9333	0.95	1	1	5.375309
EV3_str	BOBJ1	101.3533	After	Interior Girder 2	44.9333	0.95	1	1	4.942624
EV3_str	BOBJ1	101.3533	After	Interior Girder 3	44.9333	0.95	1	1	4.238027
EV3_str	BOBJ1	101.3533	After	Interior Girder 4	44.9333	0.95	1	1	4.238027
EV3_str	BOBJ1	101.3533	After	Interior Girder 5	44.9333	0.95	1	1	4.942624
EV3_str	BOBJ1	101.3533	After	Interior Girder 6	44.9333	0.95	1	1	5.375309
EV3_str	BOBJ1	101.3533	After	Right Exterior Girder	44.9333	0.95	1	1	9.112736
EV3_str	BOBJ1	106.97	Before	Left Exterior Girder	50.55	0.95	1	1	9.007348
EV3_str	BOBJ1	106.97	Before	Interior Girder 1	50.55	0.95	1	1	5.290798
EV3_str	BOBJ1	106.97	Before	Interior Girder 2	50.55	0.95	1	1	4.865105
EV3_str	BOBJ1	106.97	Before	Interior Girder 3	50.55	0.95	1	1	4.171362
EV3_str	BOBJ1	106.97	Before	Interior Girder 4	50.55	0.95	1	1	4.171362
EV3_str	BOBJ1	106.97	Before	Interior Girder 5	50.55	0.95	1	1	4.865105
EV3_str	BOBJ1	106.97	Before	Interior Girder 6	50.55	0.95	1	1	5.290798
EV3_str	BOBJ1	106.97	Before	Right Exterior Girder	50.55	0.95	1	1	9.007348
EV3_str	BOBJ1	106.97	After	Left Exterior Girder	50.55	0.95	1	1	6.766136
EV3_str	BOBJ1	106.97	After	Interior Girder 1	50.55	0.95	1	1	5.208583
EV3_str	BOBJ1	106.97	After	Interior Girder 2	50.55	0.95	1	1	4.773186
EV3_str	BOBJ1	106.97	After	Interior Girder 3	50.55	0.95	1	1	4.239753
EV3_str	BOBJ1	106.97	After	Interior Girder 4	50.55	0.95	1	1	4.239753
EV3_str	BOBJ1	106.97	After	Interior Girder 5	50.55	0.95	1	1	4.773186
EV3_str	BOBJ1	106.97	After	Interior Girder 6	50.55	0.95	1	1	5.208583
EV3_str	BOBJ1	106.97	After	Right Exterior Girder	50.55	0.95	1	1	6.766136
EV3_str	BOBJ1	112.5933	Before	Left Exterior Girder	56.1733	0.95	1	1	6.684949
EV3_str	BOBJ1	112.5933	Before	Interior Girder 1	56.1733	0.95	1	1	5.124708
EV3_str	BOBJ1	112.5933	Before	Interior Girder 2	56.1733	0.95	1	1	4.696883
EV3_str	BOBJ1	112.5933	Before	Interior Girder 3	56.1733	0.95	1	1	4.171151
EV3_str	BOBJ1	112.5933	Before	Interior Girder 4	56.1733	0.95	1	1	4.171151
EV3_str	BOBJ1	112.5933	Before	Interior Girder 5	56.1733	0.95	1	1	4.696883
EV3_str	BOBJ1	112.5933	Before	Interior Girder 6	56.1733	0.95	1	1	5.124708
EV3_str	BOBJ1	112.5933	Before	Right Exterior Girder	56.1733	0.95	1	1	6.684949
EV3_str	BOBJ1	112.5933	After	Left Exterior Girder	56.1733	0.95	1	1	5.99688
EV3_str	BOBJ1	112.5933	After	Interior Girder 1	56.1733	0.95	1	1	4.214303
EV3_str	BOBJ1	112.5933	After	Interior Girder 2	56.1733	0.95	1	1	3.869245
EV3_str	BOBJ1	112.5933	After	Interior Girder 3	56.1733	0.95	1	1	3.278048
EV3_str	BOBJ1	112.5933	After	Interior Girder 4	56.1733	0.95	1	1	3.278048
EV3_str	BOBJ1	112.5933	After	Interior Girder 5	56.1733	0.95	1	1	3.869245
EV3_str	BOBJ1	112.5933	After	Interior Girder 6	56.1733	0.95	1	1	4.214303
EV3_str	BOBJ1	112.5933	After	Right Exterior Girder	56.1733	0.95	1	1	5.99688
EV3_str	BOBJ1	115.3396	Before	Left Exterior Girder	58.9196	0.95	1	1	5.960435
EV3_str	BOBJ1	115.3396	Before	Right Exterior Girder	58.9196	0.95	1	1	5.960435
EV3_str	BOBJ1	115.3396	After	Left Exterior Girder	58.9196	0.95	1	1	5.623663
EV3_str	BOBJ1	115.3396	After	Right Exterior Girder	58.9196	0.95	1	1	5.623663
EV3_str	BOBJ1	118.2167	Before	Left Exterior Girder	61.7967	0.95	1	1	5.581657
EV3_str	BOBJ1	118.2167	Before	Interior Girder 1	61.9198	0.95	1	1	4.215124
EV3_str	BOBJ1	118.2167	Before	Interior Girder 2	61.9198	0.95	1	1	3.806092
EV3_str	BOBJ1	118.2167	Before	Interior Girder 3	61.9198	0.95	1	1	3.223713
EV3_str	BOBJ1	118.2167	Before	Interior Girder 4	61.9198	0.95	1	1	3.223713
EV3_str	BOBJ1	118.2167	Before	Interior Girder 5	61.9198	0.95	1	1	3.806092
EV3_str	BOBJ1	118.2167	Before	Interior Girder 6	61.9198	0.95	1	1	4.215124
EV3_str	BOBJ1	118.2167	Before	Right Exterior Girder	61.7967	0.95	1	1	5.581657
EV3_str	BOBJ1	118.2167	After	Left Exterior Girder	61.7967	0.95	1	1	5.618564
EV3_str	BOBJ1	118.2167	After	Interior Girder 1	61.9198	0.95	1	1	3.424884
EV3_str	BOBJ1	118.2167	After	Interior Girder 2	61.9198	0.95	1	1	3.145709
EV3_str	BOBJ1	118.2167	After	Interior Girder 3	61.9198	0.95	1	1	2.542501
EV3_str	BOBJ1	118.2167	After	Interior Girder 4	61.9198	0.95	1	1	2.542501
EV3_str	BOBJ1	118.2167	After	Interior Girder 5	61.9198	0.95	1	1	3.145709
EV3_str	BOBJ1	118.2167	After	Interior Girder 6	61.9198	0.95	1	1	3.424884
EV3_str	BOBJ1	118.2167	After	Right Exterior Girder	61.7967	0.95	1	1	5.618564
EV3_str	BOBJ1	123.84	Before	Left Exterior Girder	67.42	0.95	1	1	5.534338
EV3_str	BOBJ1	123.84	Before	Interior Girder 1	67.42	0.95	1	1	3.364648
EV3_str	BOBJ1	123.84	Before	Interior Girder 2	67.42	0.95	1	1	3.090744
EV3_str	BOBJ1	123.84	Before	Interior Girder 3	67.42	0.95	1	1	2.497137
EV3_str	BOBJ1	123.84	Before	Interior Girder 4	67.42	0.95	1	1	2.497137

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Approach, Span 12-1									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
EV3_str	BOBJ1	123.84	Before	Interior Girder 5	67.42	0.95	1	1	3.090744
EV3_str	BOBJ1	123.84	Before	Interior Girder 6	67.42	0.95	1	1	3.364648
EV3_str	BOBJ1	123.84	Before	Right Exterior Girder	67.42	0.95	1	1	5.534338
EV3_str	BOBJ1	123.84	After	Left Exterior Girder	0	0.95	1	1	5.569487
EV3_str	BOBJ1	123.84	After	Interior Girder 1	0	0.95	1	1	3.40083
EV3_str	BOBJ1	123.84	After	Interior Girder 2	0	0.95	1	1	3.119999
EV3_str	BOBJ1	123.84	After	Interior Girder 3	0	0.95	1	1	2.504791
EV3_str	BOBJ1	123.84	After	Interior Girder 4	0	0.95	1	1	2.504791
EV3_str	BOBJ1	123.84	After	Interior Girder 5	0	0.95	1	1	3.119999
EV3_str	BOBJ1	123.84	After	Interior Girder 6	0	0.95	1	1	3.40083
EV3_str	BOBJ1	123.84	After	Right Exterior Girder	0	0.95	1	1	5.569487
EV3_str	BOBJ1	129.34	Before	Interior Girder 1	5.5	0.95	1	1	3.460443
EV3_str	BOBJ1	129.34	Before	Interior Girder 2	5.5	0.95	1	1	3.174264
EV3_str	BOBJ1	129.34	Before	Interior Girder 3	5.5	0.95	1	1	2.549403
EV3_str	BOBJ1	129.34	Before	Interior Girder 4	5.5	0.95	1	1	2.549403
EV3_str	BOBJ1	129.34	Before	Interior Girder 5	5.5	0.95	1	1	3.174264
EV3_str	BOBJ1	129.34	Before	Interior Girder 6	5.5	0.95	1	1	3.460443
EV3_str	BOBJ1	129.34	After	Interior Girder 1	5.5	0.95	1	1	3.329829
EV3_str	BOBJ1	129.34	After	Interior Girder 2	5.5	0.95	1	1	3.279684
EV3_str	BOBJ1	129.34	After	Interior Girder 3	5.5	0.95	1	1	2.619231
EV3_str	BOBJ1	129.34	After	Interior Girder 4	5.5	0.95	1	1	2.619231
EV3_str	BOBJ1	129.34	After	Interior Girder 5	5.5	0.95	1	1	3.279684
EV3_str	BOBJ1	129.34	After	Interior Girder 6	5.5	0.95	1	1	3.329829
EV3_str	BOBJ1	130.79	Before	Left Exterior Girder	6.95	0.95	1	1	4.721091
EV3_str	BOBJ1	130.79	Before	Interior Girder 1	6.95	0.95	1	1	3.34443
EV3_str	BOBJ1	130.79	Before	Interior Girder 2	6.95	0.95	1	1	3.293735
EV3_str	BOBJ1	130.79	Before	Interior Girder 3	6.95	0.95	1	1	2.630692
EV3_str	BOBJ1	130.79	Before	Interior Girder 4	6.95	0.95	1	1	2.630692
EV3_str	BOBJ1	130.79	Before	Interior Girder 5	6.95	0.95	1	1	3.293735
EV3_str	BOBJ1	130.79	Before	Interior Girder 6	6.95	0.95	1	1	3.34443
EV3_str	BOBJ1	130.79	Before	Right Exterior Girder	6.95	0.95	1	1	4.721091
EV3_str	BOBJ1	130.79	After	Left Exterior Girder	6.95	0.95	1	1	5.026658
EV3_str	BOBJ1	130.79	After	Interior Girder 1	6.95	0.95	1	1	4.370618
EV3_str	BOBJ1	130.79	After	Interior Girder 2	6.95	0.95	1	1	4.246663
EV3_str	BOBJ1	130.79	After	Interior Girder 3	6.95	0.95	1	1	3.705819
EV3_str	BOBJ1	130.79	After	Interior Girder 4	6.95	0.95	1	1	3.705819
EV3_str	BOBJ1	130.79	After	Interior Girder 5	6.95	0.95	1	1	4.246663
EV3_str	BOBJ1	130.79	After	Interior Girder 6	6.95	0.95	1	1	4.370618
EV3_str	BOBJ1	130.79	After	Right Exterior Girder	6.95	0.95	1	1	5.026658
EV3_str	BOBJ1	132.34	Before	Left Exterior Girder	8.5	0.95	1	1	5.047305
EV3_str	BOBJ1	132.34	Before	Right Exterior Girder	8.5	0.95	1	1	5.047305
EV3_str	BOBJ1	132.34	After	Left Exterior Girder	8.5	0.95	1	1	6.127587
EV3_str	BOBJ1	132.34	After	Right Exterior Girder	8.5	0.95	1	1	6.127587
EV3_str	BOBJ1	137.74	Before	Left Exterior Girder	13.9	0.95	1	1	6.200686
EV3_str	BOBJ1	137.74	Before	Interior Girder 1	13.9	0.95	1	1	4.714007
EV3_str	BOBJ1	137.74	Before	Interior Girder 2	13.9	0.95	1	1	4.333289
EV3_str	BOBJ1	137.74	Before	Interior Girder 3	13.9	0.95	1	1	3.782653
EV3_str	BOBJ1	137.74	Before	Interior Girder 4	13.9	0.95	1	1	3.782653
EV3_str	BOBJ1	137.74	Before	Interior Girder 5	13.9	0.95	1	1	4.333289
EV3_str	BOBJ1	137.74	Before	Interior Girder 6	13.9	0.95	1	1	4.714007
EV3_str	BOBJ1	137.74	Before	Right Exterior Girder	13.9	0.95	1	1	6.200686
EV3_str	BOBJ1	137.74	After	Left Exterior Girder	13.9	0.95	1	1	8.071406
EV3_str	BOBJ1	137.74	After	Interior Girder 1	13.9	0.95	1	1	4.925896
EV3_str	BOBJ1	137.74	After	Interior Girder 2	13.9	0.95	1	1	4.54807
EV3_str	BOBJ1	137.74	After	Interior Girder 3	13.9	0.95	1	1	3.912022
EV3_str	BOBJ1	137.74	After	Interior Girder 4	13.9	0.95	1	1	3.912022
EV3_str	BOBJ1	137.74	After	Interior Girder 5	13.9	0.95	1	1	4.54807
EV3_str	BOBJ1	137.74	After	Interior Girder 6	13.9	0.95	1	1	4.925896
EV3_str	BOBJ1	137.74	After	Right Exterior Girder	13.9	0.95	1	1	8.071406
EV3_str	BOBJ1	143.7733	Before	Left Exterior Girder	19.9333	0.95	1	1	8.1748
EV3_str	BOBJ1	143.7733	Before	Interior Girder 1	19.9333	0.95	1	1	5.011483
EV3_str	BOBJ1	143.7733	Before	Interior Girder 2	19.9333	0.95	1	1	4.626871
EV3_str	BOBJ1	143.7733	Before	Interior Girder 3	19.9333	0.95	1	1	3.980067
EV3_str	BOBJ1	143.7733	Before	Interior Girder 4	19.9333	0.95	1	1	3.980067
EV3_str	BOBJ1	143.7733	Before	Interior Girder 5	19.9333	0.95	1	1	4.626871

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Approach, Span 12-1									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
EV3_str	BOBJ1	143.7733	Before	Interior Girder 6	19.9333	0.95	1	1	5.011483
EV3_str	BOBJ1	143.7733	Before	Right Exterior Girder	19.9333	0.95	1	1	8.1748
EV3_str	BOBJ1	143.7733	After	Left Exterior Girder	19.9333	0.95	1	1	9.662391
EV3_str	BOBJ1	143.7733	After	Interior Girder 1	19.9333	0.95	1	1	6.360527
EV3_str	BOBJ1	143.7733	After	Interior Girder 2	19.9333	0.95	1	1	5.83489
EV3_str	BOBJ1	143.7733	After	Interior Girder 3	19.9333	0.95	1	1	5.126173
EV3_str	BOBJ1	143.7733	After	Interior Girder 4	19.9333	0.95	1	1	5.126173
EV3_str	BOBJ1	143.7733	After	Interior Girder 5	19.9333	0.95	1	1	5.83489
EV3_str	BOBJ1	143.7733	After	Interior Girder 6	19.9333	0.95	1	1	6.360527
EV3_str	BOBJ1	143.7733	After	Right Exterior Girder	19.9333	0.95	1	1	9.662391
EV3_str	BOBJ1	149.8067	Before	Left Exterior Girder	25.9667	0.95	1	1	9.781575
EV3_str	BOBJ1	149.8067	Before	Interior Girder 1	25.9667	0.95	1	1	6.468623
EV3_str	BOBJ1	149.8067	Before	Interior Girder 2	25.9667	0.95	1	1	5.933707
EV3_str	BOBJ1	149.8067	Before	Interior Girder 3	25.9667	0.95	1	1	5.213179
EV3_str	BOBJ1	149.8067	Before	Interior Girder 4	25.9667	0.95	1	1	5.213179
EV3_str	BOBJ1	149.8067	Before	Interior Girder 5	25.9667	0.95	1	1	5.933707
EV3_str	BOBJ1	149.8067	Before	Interior Girder 6	25.9667	0.95	1	1	6.468623
EV3_str	BOBJ1	149.8067	Before	Right Exterior Girder	25.9667	0.95	1	1	9.781575
EV3_str	BOBJ1	149.8067	After	Left Exterior Girder	25.9667	0.95	1	1	12.277077
EV3_str	BOBJ1	149.8067	After	Interior Girder 1	25.9667	0.95	1	1	8.405725
EV3_str	BOBJ1	149.8067	After	Interior Girder 2	25.9667	0.95	1	1	7.664341
EV3_str	BOBJ1	149.8067	After	Interior Girder 3	25.9667	0.95	1	1	6.72324
EV3_str	BOBJ1	149.8067	After	Interior Girder 4	25.9667	0.95	1	1	6.72324
EV3_str	BOBJ1	149.8067	After	Interior Girder 5	25.9667	0.95	1	1	7.664341
EV3_str	BOBJ1	149.8067	After	Interior Girder 6	25.9667	0.95	1	1	8.405725
EV3_str	BOBJ1	149.8067	After	Right Exterior Girder	25.9667	0.95	1	1	12.277077
EV3_str	BOBJ1	155.84	Before	Left Exterior Girder	32	0.95	1	1	12.423189
EV3_str	BOBJ1	155.84	Before	Interior Girder 1	32	0.95	1	1	8.545425
EV3_str	BOBJ1	155.84	Before	Interior Girder 2	32	0.95	1	1	7.791225
EV3_str	BOBJ1	155.84	Before	Interior Girder 3	32	0.95	1	1	6.617804
EV3_str	BOBJ1	155.84	Before	Interior Girder 4	32	0.95	1	1	6.617804
EV3_str	BOBJ1	155.84	Before	Interior Girder 5	32	0.95	1	1	7.791225
EV3_str	BOBJ1	155.84	Before	Interior Girder 6	32	0.95	1	1	8.545425
EV3_str	BOBJ1	155.84	Before	Right Exterior Girder	32	0.95	1	1	12.423189
EV3_str	BOBJ1	155.84	After	Left Exterior Girder	32	0.95	1	1	15.042497
EV3_str	BOBJ1	155.84	After	Interior Girder 1	32	0.95	1	1	8.212299
EV3_str	BOBJ1	155.84	After	Interior Girder 2	32	0.95	1	1	7.139418
EV3_str	BOBJ1	155.84	After	Interior Girder 3	32	0.95	1	1	6.005992
EV3_str	BOBJ1	155.84	After	Interior Girder 4	32	0.95	1	1	6.005992
EV3_str	BOBJ1	155.84	After	Interior Girder 5	32	0.95	1	1	7.139418
EV3_str	BOBJ1	155.84	After	Interior Girder 6	32	0.95	1	1	8.212299
EV3_str	BOBJ1	155.84	After	Right Exterior Girder	32	0.95	1	1	15.042497
EV3_str	BOBJ1	161.8733	Before	Left Exterior Girder	38.0333	0.95	1	1	14.869439
EV3_str	BOBJ1	161.8733	Before	Interior Girder 1	38.0333	0.95	1	1	8.344852
EV3_str	BOBJ1	161.8733	Before	Interior Girder 2	38.0333	0.95	1	1	7.255055
EV3_str	BOBJ1	161.8733	Before	Interior Girder 3	38.0333	0.95	1	1	6.103219
EV3_str	BOBJ1	161.8733	Before	Interior Girder 4	38.0333	0.95	1	1	6.103219
EV3_str	BOBJ1	161.8733	Before	Interior Girder 5	38.0333	0.95	1	1	7.255055
EV3_str	BOBJ1	161.8733	Before	Interior Girder 6	38.0333	0.95	1	1	8.344852
EV3_str	BOBJ1	161.8733	Before	Right Exterior Girder	38.0333	0.95	1	1	14.869439
EV3_str	BOBJ1	161.8733	After	Left Exterior Girder	38.0333	0.95	1	1	11.472375
EV3_str	BOBJ1	161.8733	After	Interior Girder 1	38.0333	0.95	1	1	7.10845
EV3_str	BOBJ1	161.8733	After	Interior Girder 2	38.0333	0.95	1	1	6.566524
EV3_str	BOBJ1	161.8733	After	Interior Girder 3	38.0333	0.95	1	1	5.678679
EV3_str	BOBJ1	161.8733	After	Interior Girder 4	38.0333	0.95	1	1	5.678679
EV3_str	BOBJ1	161.8733	After	Interior Girder 5	38.0333	0.95	1	1	6.566524
EV3_str	BOBJ1	161.8733	After	Interior Girder 6	38.0333	0.95	1	1	7.10845
EV3_str	BOBJ1	161.8733	After	Right Exterior Girder	38.0333	0.95	1	1	11.472375
EV3_str	BOBJ1	167.9067	Before	Left Exterior Girder	44.0667	0.95	1	1	11.335759
EV3_str	BOBJ1	167.9067	Before	Interior Girder 1	44.0667	0.95	1	1	6.991518
EV3_str	BOBJ1	167.9067	Before	Interior Girder 2	44.0667	0.95	1	1	6.458845
EV3_str	BOBJ1	167.9067	Before	Interior Girder 3	44.0667	0.95	1	1	5.585456
EV3_str	BOBJ1	167.9067	Before	Interior Girder 4	44.0667	0.95	1	1	5.585456
EV3_str	BOBJ1	167.9067	Before	Interior Girder 5	44.0667	0.95	1	1	6.458845
EV3_str	BOBJ1	167.9067	Before	Interior Girder 6	44.0667	0.95	1	1	6.991518

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Approach, Span 12-1									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
EV3_str	BOBJ1	167.9067	Before	Right Exterior Girder	44.0667	0.95	1	1	11.335759
EV3_str	BOBJ1	167.9067	After	Left Exterior Girder	44.0667	0.95	1	1	9.35165
EV3_str	BOBJ1	167.9067	After	Interior Girder 1	44.0667	0.95	1	1	5.455742
EV3_str	BOBJ1	167.9067	After	Interior Girder 2	44.0667	0.95	1	1	5.025159
EV3_str	BOBJ1	167.9067	After	Interior Girder 3	44.0667	0.95	1	1	4.321929
EV3_str	BOBJ1	167.9067	After	Interior Girder 4	44.0667	0.95	1	1	4.321929
EV3_str	BOBJ1	167.9067	After	Interior Girder 5	44.0667	0.95	1	1	5.025159
EV3_str	BOBJ1	167.9067	After	Interior Girder 6	44.0667	0.95	1	1	5.455742
EV3_str	BOBJ1	167.9067	After	Right Exterior Girder	44.0667	0.95	1	1	9.35165
EV3_str	BOBJ1	173.94	Before	Left Exterior Girder	50.1	0.95	1	1	9.23618
EV3_str	BOBJ1	173.94	Before	Interior Girder 1	50.1	0.95	1	1	5.364033
EV3_str	BOBJ1	173.94	Before	Interior Girder 2	50.1	0.95	1	1	4.940899
EV3_str	BOBJ1	173.94	Before	Interior Girder 3	50.1	0.95	1	1	4.249293
EV3_str	BOBJ1	173.94	Before	Interior Girder 4	50.1	0.95	1	1	4.249293
EV3_str	BOBJ1	173.94	Before	Interior Girder 5	50.1	0.95	1	1	4.940899
EV3_str	BOBJ1	173.94	Before	Interior Girder 6	50.1	0.95	1	1	5.364033
EV3_str	BOBJ1	173.94	Before	Right Exterior Girder	50.1	0.95	1	1	9.23618
EV3_str	BOBJ1	173.94	After	Left Exterior Girder	50.1	0.95	1	1	6.739873
EV3_str	BOBJ1	173.94	After	Interior Girder 1	50.1	0.95	1	1	5.306507
EV3_str	BOBJ1	173.94	After	Interior Girder 2	50.1	0.95	1	1	4.850442
EV3_str	BOBJ1	173.94	After	Interior Girder 3	50.1	0.95	1	1	4.357408
EV3_str	BOBJ1	173.94	After	Interior Girder 4	50.1	0.95	1	1	4.357408
EV3_str	BOBJ1	173.94	After	Interior Girder 5	50.1	0.95	1	1	4.850442
EV3_str	BOBJ1	173.94	After	Interior Girder 6	50.1	0.95	1	1	5.306507
EV3_str	BOBJ1	173.94	After	Right Exterior Girder	50.1	0.95	1	1	6.739873
EV3_str	BOBJ1	179.98	Before	Left Exterior Girder	56.14	0.95	1	1	6.653344
EV3_str	BOBJ1	179.98	Before	Interior Girder 1	56.14	0.95	1	1	5.214998
EV3_str	BOBJ1	179.98	Before	Interior Girder 2	56.14	0.95	1	1	4.767424
EV3_str	BOBJ1	179.98	Before	Interior Girder 3	56.14	0.95	1	1	4.281977
EV3_str	BOBJ1	179.98	Before	Interior Girder 4	56.14	0.95	1	1	4.281977
EV3_str	BOBJ1	179.98	Before	Interior Girder 5	56.14	0.95	1	1	4.767424
EV3_str	BOBJ1	179.98	Before	Interior Girder 6	56.14	0.95	1	1	5.214998
EV3_str	BOBJ1	179.98	Before	Right Exterior Girder	56.14	0.95	1	1	6.653344
EV3_str	BOBJ1	179.98	After	Left Exterior Girder	56.14	0.95	1	1	6.016096
EV3_str	BOBJ1	179.98	After	Interior Girder 1	56.14	0.95	1	1	4.221637
EV3_str	BOBJ1	179.98	After	Interior Girder 2	56.14	0.95	1	1	3.886456
EV3_str	BOBJ1	179.98	After	Interior Girder 3	56.14	0.95	1	1	3.324788
EV3_str	BOBJ1	179.98	After	Interior Girder 4	56.14	0.95	1	1	3.324788
EV3_str	BOBJ1	179.98	After	Interior Girder 5	56.14	0.95	1	1	3.886456
EV3_str	BOBJ1	179.98	After	Interior Girder 6	56.14	0.95	1	1	4.221637
EV3_str	BOBJ1	179.98	After	Right Exterior Girder	56.14	0.95	1	1	6.016096
EV3_str	BOBJ1	183.56	Before	Left Exterior Girder	59.72	0.95	1	1	5.968572
EV3_str	BOBJ1	183.56	Before	Right Exterior Girder	59.72	0.95	1	1	5.968572
EV3_str	BOBJ1	183.56	After	Left Exterior Girder	59.72	0.95	1	1	5.425169
EV3_str	BOBJ1	183.56	After	Right Exterior Girder	59.72	0.95	1	1	5.425169
EV3_str	BOBJ1	186.02	Before	Left Exterior Girder	62.18	0.95	1	1	5.389772
EV3_str	BOBJ1	186.02	Before	Interior Girder 1	62.22	0.95	1	1	4.292337
EV3_str	BOBJ1	186.02	Before	Interior Girder 2	62.22	0.95	1	1	3.818434
EV3_str	BOBJ1	186.02	Before	Interior Girder 3	62.22	0.95	1	1	3.26573
EV3_str	BOBJ1	186.02	Before	Interior Girder 4	62.22	0.95	1	1	3.26573
EV3_str	BOBJ1	186.02	Before	Interior Girder 5	62.22	0.95	1	1	3.818434
EV3_str	BOBJ1	186.02	Before	Interior Girder 6	62.22	0.95	1	1	4.292337
EV3_str	BOBJ1	186.02	Before	Right Exterior Girder	62.18	0.95	1	1	5.389772
EV3_str	BOBJ1	186.02	After	Left Exterior Girder	62.18	0.95	1	1	5.546936
EV3_str	BOBJ1	186.02	After	Interior Girder 1	62.22	0.95	1	1	3.422147
EV3_str	BOBJ1	186.02	After	Interior Girder 2	62.22	0.95	1	1	3.14613
EV3_str	BOBJ1	186.02	After	Interior Girder 3	62.22	0.95	1	1	2.550677
EV3_str	BOBJ1	186.02	After	Interior Girder 4	62.22	0.95	1	1	2.550677
EV3_str	BOBJ1	186.02	After	Interior Girder 5	62.22	0.95	1	1	3.14613
EV3_str	BOBJ1	186.02	After	Interior Girder 6	62.22	0.95	1	1	3.422147
EV3_str	BOBJ1	186.02	After	Right Exterior Girder	62.18	0.95	1	1	5.546936
EV3_str	BOBJ1	192.06	Before	Left Exterior Girder	68.22	0.95	1	1	5.455945
EV3_str	BOBJ1	192.06	Before	Interior Girder 1	68.22	0.95	1	1	3.356908
EV3_str	BOBJ1	192.06	Before	Interior Girder 2	68.22	0.95	1	1	3.086541
EV3_str	BOBJ1	192.06	Before	Interior Girder 3	68.22	0.95	1	1	2.501355

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Approach, Span 12-1									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
EV3_str	BOBJ1	192.06	Before	Interior Girder 4	68.22	0.95	1	1	2.501355
EV3_str	BOBJ1	192.06	Before	Interior Girder 5	68.22	0.95	1	1	3.086541
EV3_str	BOBJ1	192.06	Before	Interior Girder 6	68.22	0.95	1	1	3.356908
EV3_str	BOBJ1	192.06	Before	Right Exterior Girder	68.22	0.95	1	1	5.455945
EV3_str	BOBJ1	192.06	After	Left Exterior Girder	0	0.95	1	1	5.461915
EV3_str	BOBJ1	192.06	After	Interior Girder 1	0	0.95	1	1	3.451882
EV3_str	BOBJ1	192.06	After	Interior Girder 2	0	0.95	1	1	3.177591
EV3_str	BOBJ1	192.06	After	Interior Girder 3	0	0.95	1	1	2.475053
EV3_str	BOBJ1	192.06	After	Interior Girder 4	0	0.95	1	1	2.475053
EV3_str	BOBJ1	192.06	After	Interior Girder 5	0	0.95	1	1	3.177591
EV3_str	BOBJ1	192.06	After	Interior Girder 6	0	0.95	1	1	3.451882
EV3_str	BOBJ1	192.06	After	Right Exterior Girder	0	0.95	1	1	5.461915
EV3_str	BOBJ1	197.087	Before	Interior Girder 1	5.027	0.95	1	1	3.508128
EV3_str	BOBJ1	197.087	Before	Interior Girder 2	5.027	0.95	1	1	3.228791
EV3_str	BOBJ1	197.087	Before	Interior Girder 3	5.027	0.95	1	1	2.516348
EV3_str	BOBJ1	197.087	Before	Interior Girder 4	5.027	0.95	1	1	2.516348
EV3_str	BOBJ1	197.087	Before	Interior Girder 5	5.027	0.95	1	1	3.228791
EV3_str	BOBJ1	197.087	Before	Interior Girder 6	5.027	0.95	1	1	3.508128
EV3_str	BOBJ1	197.087	After	Interior Girder 1	5.027	0.95	1	1	3.346488
EV3_str	BOBJ1	197.087	After	Interior Girder 2	5.027	0.95	1	1	3.614924
EV3_str	BOBJ1	197.087	After	Interior Girder 3	5.027	0.95	1	1	2.921714
EV3_str	BOBJ1	197.087	After	Interior Girder 4	5.027	0.95	1	1	2.921714
EV3_str	BOBJ1	197.087	After	Interior Girder 5	5.027	0.95	1	1	3.614924
EV3_str	BOBJ1	197.087	After	Interior Girder 6	5.027	0.95	1	1	3.346488
EV3_str	BOBJ1	197.91	Before	Left Exterior Girder	5.85	0.95	1	1	4.955036
EV3_str	BOBJ1	197.91	Before	Interior Girder 1	5.85	0.95	1	1	3.354947
EV3_str	BOBJ1	197.91	Before	Interior Girder 2	5.85	0.95	1	1	3.623772
EV3_str	BOBJ1	197.91	Before	Interior Girder 3	5.85	0.95	1	1	2.929095
EV3_str	BOBJ1	197.91	Before	Interior Girder 4	5.85	0.95	1	1	2.929095
EV3_str	BOBJ1	197.91	Before	Interior Girder 5	5.85	0.95	1	1	3.623772
EV3_str	BOBJ1	197.91	Before	Interior Girder 6	5.85	0.95	1	1	3.354947
EV3_str	BOBJ1	197.91	Before	Right Exterior Girder	5.85	0.95	1	1	4.955036
EV3_str	BOBJ1	197.91	After	Left Exterior Girder	5.85	0.95	1	1	5.193316
EV3_str	BOBJ1	197.91	After	Interior Girder 1	5.85	0.95	1	1	3.375472
EV3_str	BOBJ1	197.91	After	Interior Girder 2	5.85	0.95	1	1	3.582728
EV3_str	BOBJ1	197.91	After	Interior Girder 3	5.85	0.95	1	1	3.010862
EV3_str	BOBJ1	197.91	After	Interior Girder 4	5.85	0.95	1	1	3.010862
EV3_str	BOBJ1	197.91	After	Interior Girder 5	5.85	0.95	1	1	3.582728
EV3_str	BOBJ1	197.91	After	Interior Girder 6	5.85	0.95	1	1	3.375472
EV3_str	BOBJ1	197.91	After	Right Exterior Girder	5.85	0.95	1	1	5.193316
EV3_str	BOBJ1	199.1816	Before	Left Exterior Girder	7.1216	0.95	1	1	5.211408
EV3_str	BOBJ1	199.1816	Before	Right Exterior Girder	7.1216	0.95	1	1	5.211408
EV3_str	BOBJ1	199.1816	After	Left Exterior Girder	7.1216	0.95	1	1	6.24263
EV3_str	BOBJ1	199.1816	After	Right Exterior Girder	7.1216	0.95	1	1	6.24263
EV3_str	BOBJ1	203.5267	Before	Left Exterior Girder	11.3107	0.95	1	1	6.306912
EV3_str	BOBJ1	203.5267	Before	Interior Girder 1	11.3107	0.95	1	1	3.938505
EV3_str	BOBJ1	203.5267	Before	Interior Girder 2	11.3107	0.95	1	1	3.642752
EV3_str	BOBJ1	203.5267	Before	Interior Girder 3	11.3107	0.95	1	1	3.061901
EV3_str	BOBJ1	203.5267	Before	Interior Girder 4	11.3107	0.95	1	1	3.061901
EV3_str	BOBJ1	203.5267	Before	Interior Girder 5	11.3107	0.95	1	1	3.642752
EV3_str	BOBJ1	203.5267	Before	Interior Girder 6	11.3107	0.95	1	1	3.938505
EV3_str	BOBJ1	203.5267	Before	Right Exterior Girder	11.3107	0.95	1	1	6.306912
EV3_str	BOBJ1	203.5267	After	Left Exterior Girder	11.3107	0.95	1	1	8.172684
EV3_str	BOBJ1	203.5267	After	Interior Girder 1	11.3107	0.95	1	1	5.581001
EV3_str	BOBJ1	203.5267	After	Interior Girder 2	11.3107	0.95	1	1	5.131044
EV3_str	BOBJ1	203.5267	After	Interior Girder 3	11.3107	0.95	1	1	4.470412
EV3_str	BOBJ1	203.5267	After	Interior Girder 4	11.3107	0.95	1	1	4.470412
EV3_str	BOBJ1	203.5267	After	Interior Girder 5	11.3107	0.95	1	1	5.131044
EV3_str	BOBJ1	203.5267	After	Interior Girder 6	11.3107	0.95	1	1	5.581001
EV3_str	BOBJ1	203.5267	After	Right Exterior Girder	11.3107	0.95	1	1	8.172684
EV3_str	BOBJ1	209.1433	Before	Left Exterior Girder	17.0833	0.95	1	1	8.268101
EV3_str	BOBJ1	209.1433	Before	Interior Girder 1	17.0833	0.95	1	1	5.666553
EV3_str	BOBJ1	209.1433	Before	Interior Girder 2	17.0833	0.95	1	1	5.209244
EV3_str	BOBJ1	209.1433	Before	Interior Girder 3	17.0833	0.95	1	1	4.539033
EV3_str	BOBJ1	209.1433	Before	Interior Girder 4	17.0833	0.95	1	1	4.539033

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Approach, Span 12-1									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
EV3_str	BOBJ1	209.1433	Before	Interior Girder 5	17.0833	0.95	1	1	5.209244
EV3_str	BOBJ1	209.1433	Before	Interior Girder 6	17.0833	0.95	1	1	5.666553
EV3_str	BOBJ1	209.1433	Before	Right Exterior Girder	17.0833	0.95	1	1	8.268101
EV3_str	BOBJ1	209.1433	After	Left Exterior Girder	17.0833	0.95	1	1	9.678226
EV3_str	BOBJ1	209.1433	After	Interior Girder 1	17.0833	0.95	1	1	6.972873
EV3_str	BOBJ1	209.1433	After	Interior Girder 2	17.0833	0.95	1	1	6.360003
EV3_str	BOBJ1	209.1433	After	Interior Girder 3	17.0833	0.95	1	1	5.681679
EV3_str	BOBJ1	209.1433	After	Interior Girder 4	17.0833	0.95	1	1	5.681679
EV3_str	BOBJ1	209.1433	After	Interior Girder 5	17.0833	0.95	1	1	6.360003
EV3_str	BOBJ1	209.1433	After	Interior Girder 6	17.0833	0.95	1	1	6.972873
EV3_str	BOBJ1	209.1433	After	Right Exterior Girder	17.0833	0.95	1	1	9.678226
EV3_str	BOBJ1	214.76	Before	Left Exterior Girder	22.7	0.95	1	1	9.787661
EV3_str	BOBJ1	214.76	Before	Interior Girder 1	22.7	0.95	1	1	7.077713
EV3_str	BOBJ1	214.76	Before	Interior Girder 2	22.7	0.95	1	1	6.455045
EV3_str	BOBJ1	214.76	Before	Interior Girder 3	22.7	0.95	1	1	5.767055
EV3_str	BOBJ1	214.76	Before	Interior Girder 4	22.7	0.95	1	1	5.767055
EV3_str	BOBJ1	214.76	Before	Interior Girder 5	22.7	0.95	1	1	6.455045
EV3_str	BOBJ1	214.76	Before	Interior Girder 6	22.7	0.95	1	1	7.077713
EV3_str	BOBJ1	214.76	Before	Right Exterior Girder	22.7	0.95	1	1	9.787661
EV3_str	BOBJ1	214.76	After	Left Exterior Girder	22.7	0.95	1	1	14.237808
EV3_str	BOBJ1	214.76	After	Interior Girder 1	22.7	0.95	1	1	7.17494
EV3_str	BOBJ1	214.76	After	Interior Girder 2	22.7	0.95	1	1	6.403931
EV3_str	BOBJ1	214.76	After	Interior Girder 3	22.7	0.95	1	1	5.410942
EV3_str	BOBJ1	214.76	After	Interior Girder 4	22.7	0.95	1	1	5.410942
EV3_str	BOBJ1	214.76	After	Interior Girder 5	22.7	0.95	1	1	6.403931
EV3_str	BOBJ1	214.76	After	Interior Girder 6	22.7	0.95	1	1	7.17494
EV3_str	BOBJ1	214.76	After	Right Exterior Girder	22.7	0.95	1	1	14.237808
EV3_str	BOBJ1	220.3767	Before	Left Exterior Girder	28.3167	0.95	1	1	14.394222
EV3_str	BOBJ1	220.3767	Before	Interior Girder 1	28.3167	0.95	1	1	7.280328
EV3_str	BOBJ1	220.3767	Before	Interior Girder 2	28.3167	0.95	1	1	6.49791
EV3_str	BOBJ1	220.3767	Before	Interior Girder 3	28.3167	0.95	1	1	5.490412
EV3_str	BOBJ1	220.3767	Before	Interior Girder 4	28.3167	0.95	1	1	5.490412
EV3_str	BOBJ1	220.3767	Before	Interior Girder 5	28.3167	0.95	1	1	6.49791
EV3_str	BOBJ1	220.3767	Before	Interior Girder 6	28.3167	0.95	1	1	7.280328
EV3_str	BOBJ1	220.3767	Before	Right Exterior Girder	28.3167	0.95	1	1	14.394222
EV3_str	BOBJ1	220.3767	After	Left Exterior Girder	28.3167	0.95	1	1	19.172149
EV3_str	BOBJ1	220.3767	After	Interior Girder 1	28.3167	0.95	1	1	9.741964
EV3_str	BOBJ1	220.3767	After	Interior Girder 2	28.3167	0.95	1	1	8.605936
EV3_str	BOBJ1	220.3767	After	Interior Girder 3	28.3167	0.95	1	1	7.190944
EV3_str	BOBJ1	220.3767	After	Interior Girder 4	28.3167	0.95	1	1	7.190944
EV3_str	BOBJ1	220.3767	After	Interior Girder 5	28.3167	0.95	1	1	8.605936
EV3_str	BOBJ1	220.3767	After	Interior Girder 6	28.3167	0.95	1	1	9.741964
EV3_str	BOBJ1	220.3767	After	Right Exterior Girder	28.3167	0.95	1	1	19.172149
EV3_str	BOBJ1	225.9933	Before	Left Exterior Girder	33.9333	0.95	1	1	19.376577
EV3_str	BOBJ1	225.9933	Before	Interior Girder 1	33.9333	0.95	1	1	9.882372
EV3_str	BOBJ1	225.9933	Before	Interior Girder 2	33.9333	0.95	1	1	8.729821
EV3_str	BOBJ1	225.9933	Before	Interior Girder 3	33.9333	0.95	1	1	7.294466
EV3_str	BOBJ1	225.9933	Before	Interior Girder 4	33.9333	0.95	1	1	7.294466
EV3_str	BOBJ1	225.9933	Before	Interior Girder 5	33.9333	0.95	1	1	8.729821
EV3_str	BOBJ1	225.9933	Before	Interior Girder 6	33.9333	0.95	1	1	9.882372
EV3_str	BOBJ1	225.9933	Before	Right Exterior Girder	33.9333	0.95	1	1	19.376577
EV3_str	BOBJ1	225.9933	After	Left Exterior Girder	33.9333	0.95	1	1	17.604456
EV3_str	BOBJ1	225.9933	After	Interior Girder 1	33.9333	0.95	1	1	8.414322
EV3_str	BOBJ1	225.9933	After	Interior Girder 2	33.9333	0.95	1	1	7.461699
EV3_str	BOBJ1	225.9933	After	Interior Girder 3	33.9333	0.95	1	1	6.325743
EV3_str	BOBJ1	225.9933	After	Interior Girder 4	33.9333	0.95	1	1	6.325743
EV3_str	BOBJ1	225.9933	After	Interior Girder 5	33.9333	0.95	1	1	7.461699
EV3_str	BOBJ1	225.9933	After	Interior Girder 6	33.9333	0.95	1	1	8.414322
EV3_str	BOBJ1	225.9933	After	Right Exterior Girder	33.9333	0.95	1	1	17.604456
EV3_str	BOBJ1	231.61	Before	Left Exterior Girder	39.55	0.95	1	1	17.420954
EV3_str	BOBJ1	231.61	Before	Interior Girder 1	39.55	0.95	1	1	8.295851
EV3_str	BOBJ1	231.61	Before	Interior Girder 2	39.55	0.95	1	1	7.3565
EV3_str	BOBJ1	231.61	Before	Interior Girder 3	39.55	0.95	1	1	6.236516
EV3_str	BOBJ1	231.61	Before	Interior Girder 4	39.55	0.95	1	1	6.236516
EV3_str	BOBJ1	231.61	Before	Interior Girder 5	39.55	0.95	1	1	7.3565

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Approach, Span 12-1									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
EV3_str	BOBJ1	231.61	Before	Interior Girder 6	39.55	0.95	1	1	8.295851
EV3_str	BOBJ1	231.61	Before	Right Exterior Girder	39.55	0.95	1	1	17.420954
EV3_str	BOBJ1	231.61	After	Left Exterior Girder	39.55	0.95	1	1	11.448023
EV3_str	BOBJ1	231.61	After	Interior Girder 1	39.55	0.95	1	1	8.13267
EV3_str	BOBJ1	231.61	After	Interior Girder 2	39.55	0.95	1	1	7.37465
EV3_str	BOBJ1	231.61	After	Interior Girder 3	39.55	0.95	1	1	6.777845
EV3_str	BOBJ1	231.61	After	Interior Girder 4	39.55	0.95	1	1	6.777845
EV3_str	BOBJ1	231.61	After	Interior Girder 5	39.55	0.95	1	1	7.37465
EV3_str	BOBJ1	231.61	After	Interior Girder 6	39.55	0.95	1	1	8.13267
EV3_str	BOBJ1	231.61	After	Right Exterior Girder	39.55	0.95	1	1	11.448023
EV3_str	BOBJ1	237.37	Before	Left Exterior Girder	45.31	0.95	1	1	11.322393
EV3_str	BOBJ1	237.37	Before	Interior Girder 1	45.31	0.95	1	1	8.012361
EV3_str	BOBJ1	237.37	Before	Interior Girder 2	45.31	0.95	1	1	7.266073
EV3_str	BOBJ1	237.37	Before	Interior Girder 3	45.31	0.95	1	1	6.677732
EV3_str	BOBJ1	237.37	Before	Interior Girder 4	45.31	0.95	1	1	6.677732
EV3_str	BOBJ1	237.37	Before	Interior Girder 5	45.31	0.95	1	1	7.266073
EV3_str	BOBJ1	237.37	Before	Interior Girder 6	45.31	0.95	1	1	8.012361
EV3_str	BOBJ1	237.37	Before	Right Exterior Girder	45.31	0.95	1	1	11.322393
EV3_str	BOBJ1	237.37	After	Left Exterior Girder	45.31	0.95	1	1	9.316625
EV3_str	BOBJ1	237.37	After	Interior Girder 1	45.31	0.95	1	1	6.206321
EV3_str	BOBJ1	237.37	After	Interior Girder 2	45.31	0.95	1	1	5.674018
EV3_str	BOBJ1	237.37	After	Interior Girder 3	45.31	0.95	1	1	5.069391
EV3_str	BOBJ1	237.37	After	Interior Girder 4	45.31	0.95	1	1	5.069391
EV3_str	BOBJ1	237.37	After	Interior Girder 5	45.31	0.95	1	1	5.674018
EV3_str	BOBJ1	237.37	After	Interior Girder 6	45.31	0.95	1	1	6.206321
EV3_str	BOBJ1	237.37	After	Right Exterior Girder	45.31	0.95	1	1	9.316625
EV3_str	BOBJ1	243.13	Before	Left Exterior Girder	51.07	0.95	1	1	9.211241
EV3_str	BOBJ1	243.13	Before	Interior Girder 1	51.07	0.95	1	1	6.112666
EV3_str	BOBJ1	243.13	Before	Interior Girder 2	51.07	0.95	1	1	5.588817
EV3_str	BOBJ1	243.13	Before	Interior Girder 3	51.07	0.95	1	1	4.99296
EV3_str	BOBJ1	243.13	Before	Interior Girder 4	51.07	0.95	1	1	4.99296
EV3_str	BOBJ1	243.13	Before	Interior Girder 5	51.07	0.95	1	1	5.588817
EV3_str	BOBJ1	243.13	Before	Interior Girder 6	51.07	0.95	1	1	6.112666
EV3_str	BOBJ1	243.13	Before	Right Exterior Girder	51.07	0.95	1	1	9.211241
EV3_str	BOBJ1	243.13	After	Left Exterior Girder	51.07	0.95	1	1	8.139729
EV3_str	BOBJ1	243.13	After	Interior Girder 1	51.07	0.95	1	1	4.700274
EV3_str	BOBJ1	243.13	After	Interior Girder 2	51.07	0.95	1	1	4.334283
EV3_str	BOBJ1	243.13	After	Interior Girder 3	51.07	0.95	1	1	3.688527
EV3_str	BOBJ1	243.13	After	Interior Girder 4	51.07	0.95	1	1	3.688527
EV3_str	BOBJ1	243.13	After	Interior Girder 5	51.07	0.95	1	1	4.334283
EV3_str	BOBJ1	243.13	After	Interior Girder 6	51.07	0.95	1	1	4.700274
EV3_str	BOBJ1	243.13	After	Right Exterior Girder	51.07	0.95	1	1	8.139729
EV3_str	BOBJ1	248.89	Before	Left Exterior Girder	56.83	0.95	1	1	8.044562
EV3_str	BOBJ1	248.89	Before	Interior Girder 1	56.83	0.95	1	1	4.628068
EV3_str	BOBJ1	248.89	Before	Interior Girder 2	56.83	0.95	1	1	4.267853
EV3_str	BOBJ1	248.89	Before	Interior Girder 3	56.83	0.95	1	1	3.631724
EV3_str	BOBJ1	248.89	Before	Interior Girder 4	56.83	0.95	1	1	3.631724
EV3_str	BOBJ1	248.89	Before	Interior Girder 5	56.83	0.95	1	1	4.267853
EV3_str	BOBJ1	248.89	Before	Interior Girder 6	56.83	0.95	1	1	4.628068
EV3_str	BOBJ1	248.89	Before	Right Exterior Girder	56.83	0.95	1	1	8.044562
EV3-Neg_str	BOBJ1	0	After	Left Exterior Girder	0	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	0	After	Interior Girder 1	0	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	0	After	Interior Girder 2	0	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	0	After	Interior Girder 3	0	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	0	After	Interior Girder 4	0	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	0	After	Interior Girder 5	0	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	0	After	Interior Girder 6	0	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	0	After	Right Exterior Girder	0	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	5.85	Before	Left Exterior Girder	5.85	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	5.85	Before	Interior Girder 1	5.85	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	5.85	Before	Interior Girder 2	5.85	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	5.85	Before	Interior Girder 3	5.85	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	5.85	Before	Interior Girder 4	5.85	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	5.85	Before	Interior Girder 5	5.85	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	5.85	Before	Interior Girder 6	5.85	0.95	1	1	10000000

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Approach, Span 12-1									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
EV3-Neg_str	BOBJ1	5.85	Before	Right Exterior Girder	5.85	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	5.85	After	Left Exterior Girder	5.85	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	5.85	After	Interior Girder 1	5.85	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	5.85	After	Interior Girder 2	5.85	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	5.85	After	Interior Girder 3	5.85	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	5.85	After	Interior Girder 4	5.85	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	5.85	After	Interior Girder 5	5.85	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	5.85	After	Interior Girder 6	5.85	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	5.85	After	Right Exterior Girder	5.85	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	11.4667	Before	Left Exterior Girder	11.4667	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	11.4667	Before	Interior Girder 1	11.4667	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	11.4667	Before	Interior Girder 2	11.4667	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	11.4667	Before	Interior Girder 3	11.4667	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	11.4667	Before	Interior Girder 4	11.4667	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	11.4667	Before	Interior Girder 5	11.4667	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	11.4667	Before	Interior Girder 6	11.4667	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	11.4667	Before	Right Exterior Girder	11.4667	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	11.4667	After	Left Exterior Girder	11.4667	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	11.4667	After	Interior Girder 1	11.4667	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	11.4667	After	Interior Girder 2	11.4667	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	11.4667	After	Interior Girder 3	11.4667	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	11.4667	After	Interior Girder 4	11.4667	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	11.4667	After	Interior Girder 5	11.4667	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	11.4667	After	Interior Girder 6	11.4667	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	11.4667	After	Right Exterior Girder	11.4667	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	17.0833	Before	Left Exterior Girder	17.0833	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	17.0833	Before	Interior Girder 1	17.0833	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	17.0833	Before	Interior Girder 2	17.0833	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	17.0833	Before	Interior Girder 3	17.0833	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	17.0833	Before	Interior Girder 4	17.0833	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	17.0833	Before	Interior Girder 5	17.0833	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	17.0833	Before	Interior Girder 6	17.0833	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	17.0833	Before	Right Exterior Girder	17.0833	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	17.0833	After	Left Exterior Girder	17.0833	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	17.0833	After	Interior Girder 1	17.0833	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	17.0833	After	Interior Girder 2	17.0833	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	17.0833	After	Interior Girder 3	17.0833	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	17.0833	After	Interior Girder 4	17.0833	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	17.0833	After	Interior Girder 5	17.0833	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	17.0833	After	Interior Girder 6	17.0833	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	17.0833	After	Right Exterior Girder	17.0833	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	22.7	Before	Left Exterior Girder	22.7	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	22.7	Before	Interior Girder 1	22.7	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	22.7	Before	Interior Girder 2	22.7	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	22.7	Before	Interior Girder 3	22.7	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	22.7	Before	Interior Girder 4	22.7	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	22.7	Before	Interior Girder 5	22.7	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	22.7	Before	Interior Girder 6	22.7	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	22.7	Before	Right Exterior Girder	22.7	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	22.7	After	Left Exterior Girder	22.7	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	22.7	After	Interior Girder 1	22.7	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	22.7	After	Interior Girder 2	22.7	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	22.7	After	Interior Girder 3	22.7	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	22.7	After	Interior Girder 4	22.7	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	22.7	After	Interior Girder 5	22.7	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	22.7	After	Interior Girder 6	22.7	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	22.7	After	Right Exterior Girder	22.7	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	28.3167	Before	Left Exterior Girder	28.3167	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	28.3167	Before	Interior Girder 1	28.3167	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	28.3167	Before	Interior Girder 2	28.3167	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	28.3167	Before	Interior Girder 3	28.3167	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	28.3167	Before	Interior Girder 4	28.3167	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	28.3167	Before	Interior Girder 5	28.3167	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	28.3167	Before	Interior Girder 6	28.3167	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	28.3167	Before	Right Exterior Girder	28.3167	0.95	1	1	10000000

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Approach, Span 12-1									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
EV3-Neg_str	BOBJ1	28.3167	After	Left Exterior Girder	28.3167	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	28.3167	After	Interior Girder 1	28.3167	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	28.3167	After	Interior Girder 2	28.3167	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	28.3167	After	Interior Girder 3	28.3167	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	28.3167	After	Interior Girder 4	28.3167	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	28.3167	After	Interior Girder 5	28.3167	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	28.3167	After	Interior Girder 6	28.3167	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	28.3167	After	Right Exterior Girder	28.3167	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	33.9333	Before	Left Exterior Girder	33.9333	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	33.9333	Before	Interior Girder 1	33.9333	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	33.9333	Before	Interior Girder 2	33.9333	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	33.9333	Before	Interior Girder 3	33.9333	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	33.9333	Before	Interior Girder 4	33.9333	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	33.9333	Before	Interior Girder 5	33.9333	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	33.9333	Before	Interior Girder 6	33.9333	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	33.9333	Before	Right Exterior Girder	33.9333	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	33.9333	After	Left Exterior Girder	33.9333	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	33.9333	After	Interior Girder 1	33.9333	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	33.9333	After	Interior Girder 2	33.9333	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	33.9333	After	Interior Girder 3	33.9333	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	33.9333	After	Interior Girder 4	33.9333	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	33.9333	After	Interior Girder 5	33.9333	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	33.9333	After	Interior Girder 6	33.9333	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	33.9333	After	Right Exterior Girder	33.9333	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	39.55	Before	Left Exterior Girder	39.55	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	39.55	Before	Interior Girder 1	39.55	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	39.55	Before	Interior Girder 2	39.55	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	39.55	Before	Interior Girder 3	39.55	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	39.55	Before	Interior Girder 4	39.55	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	39.55	Before	Interior Girder 5	39.55	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	39.55	Before	Interior Girder 6	39.55	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	39.55	Before	Right Exterior Girder	39.55	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	39.55	After	Left Exterior Girder	39.55	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	39.55	After	Interior Girder 1	39.55	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	39.55	After	Interior Girder 2	39.55	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	39.55	After	Interior Girder 3	39.55	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	39.55	After	Interior Girder 4	39.55	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	39.55	After	Interior Girder 5	39.55	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	39.55	After	Interior Girder 6	39.55	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	39.55	After	Right Exterior Girder	39.55	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	45.1733	Before	Left Exterior Girder	45.1226	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	45.1733	Before	Interior Girder 1	45.1226	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	45.1733	Before	Interior Girder 2	45.1226	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	45.1733	Before	Interior Girder 3	45.1226	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	45.1733	Before	Interior Girder 4	45.1226	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	45.1733	Before	Interior Girder 5	45.1226	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	45.1733	Before	Interior Girder 6	45.1226	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	45.1733	Before	Right Exterior Girder	45.1226	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	45.1733	After	Left Exterior Girder	45.1226	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	45.1733	After	Interior Girder 1	45.1226	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	45.1733	After	Interior Girder 2	45.1226	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	45.1733	After	Interior Girder 3	45.1226	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	45.1733	After	Interior Girder 4	45.1226	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	45.1733	After	Interior Girder 5	45.1226	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	45.1733	After	Interior Girder 6	45.1226	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	45.1733	After	Right Exterior Girder	45.1226	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	49.2561	Before	Left Exterior Girder	49.2561	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	49.2561	Before	Right Exterior Girder	49.2561	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	49.2561	After	Left Exterior Girder	49.2561	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	49.2561	After	Right Exterior Girder	49.2561	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	50.7967	Before	Left Exterior Girder	50.7967	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	50.7967	Before	Interior Girder 1	50.7967	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	50.7967	Before	Interior Girder 2	50.7967	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	50.7967	Before	Interior Girder 3	50.7967	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	50.7967	Before	Interior Girder 4	50.7967	0.95	1	1	10000000

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Approach, Span 12-1									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
EV3-Neg_str	BOBJ1	50.7967	Before	Interior Girder 5	50.7967	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	50.7967	Before	Interior Girder 6	50.7967	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	50.7967	Before	Right Exterior Girder	50.7967	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	50.7967	After	Left Exterior Girder	50.7967	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	50.7967	After	Interior Girder 1	50.7967	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	50.7967	After	Interior Girder 2	50.7967	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	50.7967	After	Interior Girder 3	50.7967	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	50.7967	After	Interior Girder 4	50.7967	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	50.7967	After	Interior Girder 5	50.7967	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	50.7967	After	Interior Girder 6	50.7967	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	50.7967	After	Right Exterior Girder	50.7967	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	51.3989	Before	Interior Girder 1	51.3989	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	51.3989	Before	Interior Girder 2	51.3989	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	51.3989	Before	Interior Girder 3	51.3989	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	51.3989	Before	Interior Girder 4	51.3989	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	51.3989	Before	Interior Girder 5	51.3989	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	51.3989	Before	Interior Girder 6	51.3989	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	51.3989	After	Interior Girder 1	51.3989	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	51.3989	After	Interior Girder 2	51.3989	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	51.3989	After	Interior Girder 3	51.3989	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	51.3989	After	Interior Girder 4	51.3989	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	51.3989	After	Interior Girder 5	51.3989	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	51.3989	After	Interior Girder 6	51.3989	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	56.42	Before	Left Exterior Girder	56.42	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	56.42	Before	Interior Girder 1	56.42	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	56.42	Before	Interior Girder 2	56.42	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	56.42	Before	Interior Girder 3	56.42	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	56.42	Before	Interior Girder 4	56.42	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	56.42	Before	Interior Girder 5	56.42	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	56.42	Before	Interior Girder 6	56.42	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	56.42	Before	Right Exterior Girder	56.42	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	56.42	After	Left Exterior Girder	0	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	56.42	After	Interior Girder 1	0	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	56.42	After	Interior Girder 2	0	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	56.42	After	Interior Girder 3	0	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	56.42	After	Interior Girder 4	0	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	56.42	After	Interior Girder 5	0	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	56.42	After	Interior Girder 6	0	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	56.42	After	Right Exterior Girder	0	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	62.0367	Before	Left Exterior Girder	5.6167	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	62.0367	Before	Interior Girder 1	5.6167	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	62.0367	Before	Interior Girder 2	5.6167	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	62.0367	Before	Interior Girder 3	5.6167	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	62.0367	Before	Interior Girder 4	5.6167	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	62.0367	Before	Interior Girder 5	5.6167	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	62.0367	Before	Interior Girder 6	5.6167	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	62.0367	Before	Right Exterior Girder	5.6167	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	62.0367	After	Left Exterior Girder	5.6167	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	62.0367	After	Interior Girder 1	5.6167	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	62.0367	After	Interior Girder 2	5.6167	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	62.0367	After	Interior Girder 3	5.6167	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	62.0367	After	Interior Girder 4	5.6167	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	62.0367	After	Interior Girder 5	5.6167	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	62.0367	After	Interior Girder 6	5.6167	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	62.0367	After	Right Exterior Girder	5.6167	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	62.4203	Before	Interior Girder 1	6.0003	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	62.4203	Before	Interior Girder 2	6.0003	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	62.4203	Before	Interior Girder 3	6.0003	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	62.4203	Before	Interior Girder 4	6.0003	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	62.4203	Before	Interior Girder 5	6.0003	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	62.4203	Before	Interior Girder 6	6.0003	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	62.4203	After	Interior Girder 1	6.0003	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	62.4203	After	Interior Girder 2	6.0003	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	62.4203	After	Interior Girder 3	6.0003	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	62.4203	After	Interior Girder 4	6.0003	0.95	1	1	10000000

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Approach, Span 12-1									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
EV3-Neg_str	BOBJ1	62.4203	After	Interior Girder 5	6.0003	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	62.4203	After	Interior Girder 6	6.0003	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	64.9204	Before	Left Exterior Girder	8.5004	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	64.9204	Before	Right Exterior Girder	8.5004	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	64.9204	After	Left Exterior Girder	8.5004	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	64.9204	After	Right Exterior Girder	8.5004	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	67.6533	Before	Left Exterior Girder	11.2333	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	67.6533	Before	Interior Girder 1	11.2333	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	67.6533	Before	Interior Girder 2	11.2333	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	67.6533	Before	Interior Girder 3	11.2333	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	67.6533	Before	Interior Girder 4	11.2333	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	67.6533	Before	Interior Girder 5	11.2333	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	67.6533	Before	Interior Girder 6	11.2333	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	67.6533	Before	Right Exterior Girder	11.2333	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	67.6533	After	Left Exterior Girder	11.2333	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	67.6533	After	Interior Girder 1	11.2333	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	67.6533	After	Interior Girder 2	11.2333	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	67.6533	After	Interior Girder 3	11.2333	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	67.6533	After	Interior Girder 4	11.2333	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	67.6533	After	Interior Girder 5	11.2333	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	67.6533	After	Interior Girder 6	11.2333	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	67.6533	After	Right Exterior Girder	11.2333	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	73.27	Before	Left Exterior Girder	16.85	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	73.27	Before	Interior Girder 1	16.85	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	73.27	Before	Interior Girder 2	16.85	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	73.27	Before	Interior Girder 3	16.85	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	73.27	Before	Interior Girder 4	16.85	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	73.27	Before	Interior Girder 5	16.85	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	73.27	Before	Interior Girder 6	16.85	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	73.27	Before	Right Exterior Girder	16.85	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	73.27	After	Left Exterior Girder	16.85	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	73.27	After	Interior Girder 1	16.85	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	73.27	After	Interior Girder 2	16.85	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	73.27	After	Interior Girder 3	16.85	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	73.27	After	Interior Girder 4	16.85	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	73.27	After	Interior Girder 5	16.85	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	73.27	After	Interior Girder 6	16.85	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	73.27	After	Right Exterior Girder	16.85	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	78.8867	Before	Left Exterior Girder	22.4667	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	78.8867	Before	Interior Girder 1	22.4667	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	78.8867	Before	Interior Girder 2	22.4667	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	78.8867	Before	Interior Girder 3	22.4667	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	78.8867	Before	Interior Girder 4	22.4667	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	78.8867	Before	Interior Girder 5	22.4667	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	78.8867	Before	Interior Girder 6	22.4667	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	78.8867	Before	Right Exterior Girder	22.4667	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	78.8867	After	Left Exterior Girder	22.4667	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	78.8867	After	Interior Girder 1	22.4667	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	78.8867	After	Interior Girder 2	22.4667	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	78.8867	After	Interior Girder 3	22.4667	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	78.8867	After	Interior Girder 4	22.4667	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	78.8867	After	Interior Girder 5	22.4667	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	78.8867	After	Interior Girder 6	22.4667	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	78.8867	After	Right Exterior Girder	22.4667	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	84.5033	Before	Left Exterior Girder	28.0833	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	84.5033	Before	Interior Girder 1	28.0833	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	84.5033	Before	Interior Girder 2	28.0833	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	84.5033	Before	Interior Girder 3	28.0833	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	84.5033	Before	Interior Girder 4	28.0833	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	84.5033	Before	Interior Girder 5	28.0833	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	84.5033	Before	Interior Girder 6	28.0833	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	84.5033	Before	Right Exterior Girder	28.0833	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	84.5033	After	Left Exterior Girder	28.0833	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	84.5033	After	Interior Girder 1	28.0833	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	84.5033	After	Interior Girder 2	28.0833	0.95	1	1	10000000

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Approach, Span 12-1									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
EV3-Neg_str	BOBJ1	84.5033	After	Interior Girder 3	28.0833	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	84.5033	After	Interior Girder 4	28.0833	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	84.5033	After	Interior Girder 5	28.0833	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	84.5033	After	Interior Girder 6	28.0833	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	84.5033	After	Right Exterior Girder	28.0833	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	90.12	Before	Left Exterior Girder	33.7	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	90.12	Before	Interior Girder 1	33.7	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	90.12	Before	Interior Girder 2	33.7	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	90.12	Before	Interior Girder 3	33.7	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	90.12	Before	Interior Girder 4	33.7	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	90.12	Before	Interior Girder 5	33.7	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	90.12	Before	Interior Girder 6	33.7	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	90.12	Before	Right Exterior Girder	33.7	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	90.12	After	Left Exterior Girder	33.7	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	90.12	After	Interior Girder 1	33.7	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	90.12	After	Interior Girder 2	33.7	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	90.12	After	Interior Girder 3	33.7	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	90.12	After	Interior Girder 4	33.7	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	90.12	After	Interior Girder 5	33.7	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	90.12	After	Interior Girder 6	33.7	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	90.12	After	Right Exterior Girder	33.7	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	95.7367	Before	Left Exterior Girder	39.3167	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	95.7367	Before	Interior Girder 1	39.3167	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	95.7367	Before	Interior Girder 2	39.3167	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	95.7367	Before	Interior Girder 3	39.3167	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	95.7367	Before	Interior Girder 4	39.3167	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	95.7367	Before	Interior Girder 5	39.3167	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	95.7367	Before	Interior Girder 6	39.3167	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	95.7367	Before	Right Exterior Girder	39.3167	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	95.7367	After	Left Exterior Girder	39.3167	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	95.7367	After	Interior Girder 1	39.3167	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	95.7367	After	Interior Girder 2	39.3167	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	95.7367	After	Interior Girder 3	39.3167	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	95.7367	After	Interior Girder 4	39.3167	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	95.7367	After	Interior Girder 5	39.3167	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	95.7367	After	Interior Girder 6	39.3167	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	95.7367	After	Right Exterior Girder	39.3167	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	101.3533	Before	Left Exterior Girder	44.9333	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	101.3533	Before	Interior Girder 1	44.9333	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	101.3533	Before	Interior Girder 2	44.9333	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	101.3533	Before	Interior Girder 3	44.9333	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	101.3533	Before	Interior Girder 4	44.9333	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	101.3533	Before	Interior Girder 5	44.9333	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	101.3533	Before	Interior Girder 6	44.9333	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	101.3533	Before	Right Exterior Girder	44.9333	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	101.3533	After	Left Exterior Girder	44.9333	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	101.3533	After	Interior Girder 1	44.9333	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	101.3533	After	Interior Girder 2	44.9333	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	101.3533	After	Interior Girder 3	44.9333	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	101.3533	After	Interior Girder 4	44.9333	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	101.3533	After	Interior Girder 5	44.9333	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	101.3533	After	Interior Girder 6	44.9333	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	101.3533	After	Right Exterior Girder	44.9333	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	106.97	Before	Left Exterior Girder	50.55	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	106.97	Before	Interior Girder 1	50.55	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	106.97	Before	Interior Girder 2	50.55	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	106.97	Before	Interior Girder 3	50.55	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	106.97	Before	Interior Girder 4	50.55	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	106.97	Before	Interior Girder 5	50.55	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	106.97	Before	Interior Girder 6	50.55	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	106.97	Before	Right Exterior Girder	50.55	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	106.97	After	Left Exterior Girder	50.55	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	106.97	After	Interior Girder 1	50.55	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	106.97	After	Interior Girder 2	50.55	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	106.97	After	Interior Girder 3	50.55	0.95	1	1	10000000

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Approach, Span 12-1									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
EV3-Neg_str	BOBJ1	106.97	After	Interior Girder 4	50.55	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	106.97	After	Interior Girder 5	50.55	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	106.97	After	Interior Girder 6	50.55	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	106.97	After	Right Exterior Girder	50.55	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	112.5933	Before	Left Exterior Girder	56.1733	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	112.5933	Before	Interior Girder 1	56.1733	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	112.5933	Before	Interior Girder 2	56.1733	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	112.5933	Before	Interior Girder 3	56.1733	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	112.5933	Before	Interior Girder 4	56.1733	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	112.5933	Before	Interior Girder 5	56.1733	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	112.5933	Before	Interior Girder 6	56.1733	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	112.5933	Before	Right Exterior Girder	56.1733	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	112.5933	After	Left Exterior Girder	56.1733	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	112.5933	After	Interior Girder 1	56.1733	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	112.5933	After	Interior Girder 2	56.1733	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	112.5933	After	Interior Girder 3	56.1733	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	112.5933	After	Interior Girder 4	56.1733	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	112.5933	After	Interior Girder 5	56.1733	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	112.5933	After	Interior Girder 6	56.1733	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	112.5933	After	Right Exterior Girder	56.1733	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	115.3396	Before	Left Exterior Girder	58.9196	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	115.3396	Before	Right Exterior Girder	58.9196	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	115.3396	After	Left Exterior Girder	58.9196	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	115.3396	After	Right Exterior Girder	58.9196	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	118.2167	Before	Left Exterior Girder	61.7967	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	118.2167	Before	Interior Girder 1	61.9198	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	118.2167	Before	Interior Girder 2	61.9198	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	118.2167	Before	Interior Girder 3	61.9198	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	118.2167	Before	Interior Girder 4	61.9198	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	118.2167	Before	Interior Girder 5	61.9198	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	118.2167	Before	Interior Girder 6	61.9198	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	118.2167	Before	Right Exterior Girder	61.7967	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	118.2167	After	Left Exterior Girder	61.7967	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	118.2167	After	Interior Girder 1	61.9198	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	118.2167	After	Interior Girder 2	61.9198	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	118.2167	After	Interior Girder 3	61.9198	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	118.2167	After	Interior Girder 4	61.9198	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	118.2167	After	Interior Girder 5	61.9198	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	118.2167	After	Interior Girder 6	61.9198	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	118.2167	After	Right Exterior Girder	61.7967	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	123.84	Before	Left Exterior Girder	67.42	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	123.84	Before	Interior Girder 1	67.42	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	123.84	Before	Interior Girder 2	67.42	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	123.84	Before	Interior Girder 3	67.42	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	123.84	Before	Interior Girder 4	67.42	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	123.84	Before	Interior Girder 5	67.42	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	123.84	Before	Interior Girder 6	67.42	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	123.84	Before	Right Exterior Girder	67.42	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	123.84	After	Left Exterior Girder	0	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	123.84	After	Interior Girder 1	0	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	123.84	After	Interior Girder 2	0	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	123.84	After	Interior Girder 3	0	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	123.84	After	Interior Girder 4	0	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	123.84	After	Interior Girder 5	0	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	123.84	After	Interior Girder 6	0	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	123.84	After	Right Exterior Girder	0	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	129.34	Before	Interior Girder 1	5.5	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	129.34	Before	Interior Girder 2	5.5	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	129.34	Before	Interior Girder 3	5.5	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	129.34	Before	Interior Girder 4	5.5	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	129.34	Before	Interior Girder 5	5.5	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	129.34	Before	Interior Girder 6	5.5	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	129.34	After	Interior Girder 1	5.5	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	129.34	After	Interior Girder 2	5.5	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	129.34	After	Interior Girder 3	5.5	0.95	1	1	10000000

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Approach, Span 12-1									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
EV3-Neg_str	BOBJ1	129.34	After	Interior Girder 4	5.5	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	129.34	After	Interior Girder 5	5.5	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	129.34	After	Interior Girder 6	5.5	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	130.79	Before	Left Exterior Girder	6.95	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	130.79	Before	Interior Girder 1	6.95	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	130.79	Before	Interior Girder 2	6.95	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	130.79	Before	Interior Girder 3	6.95	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	130.79	Before	Interior Girder 4	6.95	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	130.79	Before	Interior Girder 5	6.95	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	130.79	Before	Interior Girder 6	6.95	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	130.79	Before	Right Exterior Girder	6.95	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	130.79	After	Left Exterior Girder	6.95	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	130.79	After	Interior Girder 1	6.95	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	130.79	After	Interior Girder 2	6.95	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	130.79	After	Interior Girder 3	6.95	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	130.79	After	Interior Girder 4	6.95	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	130.79	After	Interior Girder 5	6.95	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	130.79	After	Interior Girder 6	6.95	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	130.79	After	Right Exterior Girder	6.95	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	132.34	Before	Left Exterior Girder	8.5	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	132.34	Before	Right Exterior Girder	8.5	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	132.34	After	Left Exterior Girder	8.5	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	132.34	After	Right Exterior Girder	8.5	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	137.74	Before	Left Exterior Girder	13.9	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	137.74	Before	Interior Girder 1	13.9	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	137.74	Before	Interior Girder 2	13.9	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	137.74	Before	Interior Girder 3	13.9	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	137.74	Before	Interior Girder 4	13.9	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	137.74	Before	Interior Girder 5	13.9	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	137.74	Before	Interior Girder 6	13.9	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	137.74	Before	Right Exterior Girder	13.9	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	137.74	After	Left Exterior Girder	13.9	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	137.74	After	Interior Girder 1	13.9	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	137.74	After	Interior Girder 2	13.9	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	137.74	After	Interior Girder 3	13.9	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	137.74	After	Interior Girder 4	13.9	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	137.74	After	Interior Girder 5	13.9	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	137.74	After	Interior Girder 6	13.9	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	137.74	After	Right Exterior Girder	13.9	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	143.7733	Before	Left Exterior Girder	19.9333	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	143.7733	Before	Interior Girder 1	19.9333	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	143.7733	Before	Interior Girder 2	19.9333	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	143.7733	Before	Interior Girder 3	19.9333	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	143.7733	Before	Interior Girder 4	19.9333	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	143.7733	Before	Interior Girder 5	19.9333	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	143.7733	Before	Interior Girder 6	19.9333	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	143.7733	Before	Right Exterior Girder	19.9333	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	143.7733	After	Left Exterior Girder	19.9333	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	143.7733	After	Interior Girder 1	19.9333	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	143.7733	After	Interior Girder 2	19.9333	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	143.7733	After	Interior Girder 3	19.9333	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	143.7733	After	Interior Girder 4	19.9333	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	143.7733	After	Interior Girder 5	19.9333	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	143.7733	After	Interior Girder 6	19.9333	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	143.7733	After	Right Exterior Girder	19.9333	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	149.8067	Before	Left Exterior Girder	25.9667	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	149.8067	Before	Interior Girder 1	25.9667	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	149.8067	Before	Interior Girder 2	25.9667	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	149.8067	Before	Interior Girder 3	25.9667	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	149.8067	Before	Interior Girder 4	25.9667	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	149.8067	Before	Interior Girder 5	25.9667	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	149.8067	Before	Interior Girder 6	25.9667	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	149.8067	Before	Right Exterior Girder	25.9667	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	149.8067	After	Left Exterior Girder	25.9667	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	149.8067	After	Interior Girder 1	25.9667	0.95	1	1	10000000

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Approach, Span 12-1									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
EV3-Neg_str	BOBJ1	149.8067	After	Interior Girder 2	25.9667	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	149.8067	After	Interior Girder 3	25.9667	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	149.8067	After	Interior Girder 4	25.9667	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	149.8067	After	Interior Girder 5	25.9667	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	149.8067	After	Interior Girder 6	25.9667	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	149.8067	After	Right Exterior Girder	25.9667	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	155.84	Before	Left Exterior Girder	32	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	155.84	Before	Interior Girder 1	32	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	155.84	Before	Interior Girder 2	32	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	155.84	Before	Interior Girder 3	32	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	155.84	Before	Interior Girder 4	32	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	155.84	Before	Interior Girder 5	32	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	155.84	Before	Interior Girder 6	32	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	155.84	Before	Right Exterior Girder	32	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	155.84	After	Left Exterior Girder	32	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	155.84	After	Interior Girder 1	32	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	155.84	After	Interior Girder 2	32	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	155.84	After	Interior Girder 3	32	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	155.84	After	Interior Girder 4	32	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	155.84	After	Interior Girder 5	32	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	155.84	After	Interior Girder 6	32	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	155.84	After	Right Exterior Girder	32	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	161.8733	Before	Left Exterior Girder	38.0333	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	161.8733	Before	Interior Girder 1	38.0333	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	161.8733	Before	Interior Girder 2	38.0333	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	161.8733	Before	Interior Girder 3	38.0333	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	161.8733	Before	Interior Girder 4	38.0333	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	161.8733	Before	Interior Girder 5	38.0333	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	161.8733	Before	Interior Girder 6	38.0333	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	161.8733	Before	Right Exterior Girder	38.0333	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	161.8733	After	Left Exterior Girder	38.0333	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	161.8733	After	Interior Girder 1	38.0333	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	161.8733	After	Interior Girder 2	38.0333	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	161.8733	After	Interior Girder 3	38.0333	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	161.8733	After	Interior Girder 4	38.0333	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	161.8733	After	Interior Girder 5	38.0333	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	161.8733	After	Interior Girder 6	38.0333	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	161.8733	After	Right Exterior Girder	38.0333	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	167.9067	Before	Left Exterior Girder	44.0667	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	167.9067	Before	Interior Girder 1	44.0667	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	167.9067	Before	Interior Girder 2	44.0667	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	167.9067	Before	Interior Girder 3	44.0667	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	167.9067	Before	Interior Girder 4	44.0667	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	167.9067	Before	Interior Girder 5	44.0667	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	167.9067	Before	Interior Girder 6	44.0667	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	167.9067	Before	Right Exterior Girder	44.0667	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	167.9067	After	Left Exterior Girder	44.0667	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	167.9067	After	Interior Girder 1	44.0667	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	167.9067	After	Interior Girder 2	44.0667	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	167.9067	After	Interior Girder 3	44.0667	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	167.9067	After	Interior Girder 4	44.0667	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	167.9067	After	Interior Girder 5	44.0667	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	167.9067	After	Interior Girder 6	44.0667	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	167.9067	After	Right Exterior Girder	44.0667	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	173.94	Before	Left Exterior Girder	50.1	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	173.94	Before	Interior Girder 1	50.1	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	173.94	Before	Interior Girder 2	50.1	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	173.94	Before	Interior Girder 3	50.1	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	173.94	Before	Interior Girder 4	50.1	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	173.94	Before	Interior Girder 5	50.1	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	173.94	Before	Interior Girder 6	50.1	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	173.94	Before	Right Exterior Girder	50.1	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	173.94	After	Left Exterior Girder	50.1	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	173.94	After	Interior Girder 1	50.1	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	173.94	After	Interior Girder 2	50.1	0.95	1	1	10000000

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Approach, Span 12-1									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
EV3-Neg_str	BOBJ1	173.94	After	Interior Girder 3	50.1	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	173.94	After	Interior Girder 4	50.1	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	173.94	After	Interior Girder 5	50.1	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	173.94	After	Interior Girder 6	50.1	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	173.94	After	Right Exterior Girder	50.1	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	179.98	Before	Left Exterior Girder	56.14	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	179.98	Before	Interior Girder 1	56.14	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	179.98	Before	Interior Girder 2	56.14	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	179.98	Before	Interior Girder 3	56.14	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	179.98	Before	Interior Girder 4	56.14	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	179.98	Before	Interior Girder 5	56.14	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	179.98	Before	Interior Girder 6	56.14	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	179.98	Before	Right Exterior Girder	56.14	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	179.98	After	Left Exterior Girder	56.14	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	179.98	After	Interior Girder 1	56.14	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	179.98	After	Interior Girder 2	56.14	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	179.98	After	Interior Girder 3	56.14	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	179.98	After	Interior Girder 4	56.14	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	179.98	After	Interior Girder 5	56.14	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	179.98	After	Interior Girder 6	56.14	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	179.98	After	Right Exterior Girder	56.14	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	183.56	Before	Left Exterior Girder	59.72	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	183.56	Before	Right Exterior Girder	59.72	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	183.56	After	Left Exterior Girder	59.72	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	183.56	After	Right Exterior Girder	59.72	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	186.02	Before	Left Exterior Girder	62.18	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	186.02	Before	Interior Girder 1	62.22	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	186.02	Before	Interior Girder 2	62.22	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	186.02	Before	Interior Girder 3	62.22	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	186.02	Before	Interior Girder 4	62.22	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	186.02	Before	Interior Girder 5	62.22	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	186.02	Before	Interior Girder 6	62.22	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	186.02	Before	Right Exterior Girder	62.18	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	186.02	After	Left Exterior Girder	62.18	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	186.02	After	Interior Girder 1	62.22	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	186.02	After	Interior Girder 2	62.22	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	186.02	After	Interior Girder 3	62.22	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	186.02	After	Interior Girder 4	62.22	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	186.02	After	Interior Girder 5	62.22	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	186.02	After	Interior Girder 6	62.22	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	186.02	After	Right Exterior Girder	62.18	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	192.06	Before	Left Exterior Girder	68.22	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	192.06	Before	Interior Girder 1	68.22	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	192.06	Before	Interior Girder 2	68.22	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	192.06	Before	Interior Girder 3	68.22	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	192.06	Before	Interior Girder 4	68.22	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	192.06	Before	Interior Girder 5	68.22	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	192.06	Before	Interior Girder 6	68.22	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	192.06	Before	Right Exterior Girder	68.22	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	192.06	After	Left Exterior Girder	0	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	192.06	After	Interior Girder 1	0	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	192.06	After	Interior Girder 2	0	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	192.06	After	Interior Girder 3	0	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	192.06	After	Interior Girder 4	0	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	192.06	After	Interior Girder 5	0	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	192.06	After	Interior Girder 6	0	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	192.06	After	Right Exterior Girder	0	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	197.087	Before	Interior Girder 1	5.027	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	197.087	Before	Interior Girder 2	5.027	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	197.087	Before	Interior Girder 3	5.027	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	197.087	Before	Interior Girder 4	5.027	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	197.087	Before	Interior Girder 5	5.027	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	197.087	Before	Interior Girder 6	5.027	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	197.087	After	Interior Girder 1	5.027	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	197.087	After	Interior Girder 2	5.027	0.95	1	1	10000000

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Approach, Span 12-1									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
EV3-Neg_str	BOBJ1	197.087	After	Interior Girder 3	5.027	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	197.087	After	Interior Girder 4	5.027	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	197.087	After	Interior Girder 5	5.027	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	197.087	After	Interior Girder 6	5.027	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	197.91	Before	Left Exterior Girder	5.85	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	197.91	Before	Interior Girder 1	5.85	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	197.91	Before	Interior Girder 2	5.85	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	197.91	Before	Interior Girder 3	5.85	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	197.91	Before	Interior Girder 4	5.85	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	197.91	Before	Interior Girder 5	5.85	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	197.91	Before	Interior Girder 6	5.85	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	197.91	Before	Right Exterior Girder	5.85	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	197.91	After	Left Exterior Girder	5.85	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	197.91	After	Interior Girder 1	5.85	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	197.91	After	Interior Girder 2	5.85	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	197.91	After	Interior Girder 3	5.85	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	197.91	After	Interior Girder 4	5.85	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	197.91	After	Interior Girder 5	5.85	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	197.91	After	Interior Girder 6	5.85	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	197.91	After	Right Exterior Girder	5.85	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	199.1816	Before	Left Exterior Girder	7.1216	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	199.1816	Before	Right Exterior Girder	7.1216	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	199.1816	After	Left Exterior Girder	7.1216	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	199.1816	After	Right Exterior Girder	7.1216	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	203.5267	Before	Left Exterior Girder	11.3107	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	203.5267	Before	Interior Girder 1	11.3107	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	203.5267	Before	Interior Girder 2	11.3107	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	203.5267	Before	Interior Girder 3	11.3107	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	203.5267	Before	Interior Girder 4	11.3107	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	203.5267	Before	Interior Girder 5	11.3107	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	203.5267	Before	Interior Girder 6	11.3107	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	203.5267	Before	Right Exterior Girder	11.3107	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	203.5267	After	Left Exterior Girder	11.3107	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	203.5267	After	Interior Girder 1	11.3107	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	203.5267	After	Interior Girder 2	11.3107	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	203.5267	After	Interior Girder 3	11.3107	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	203.5267	After	Interior Girder 4	11.3107	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	203.5267	After	Interior Girder 5	11.3107	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	203.5267	After	Interior Girder 6	11.3107	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	203.5267	After	Right Exterior Girder	11.3107	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	209.1433	Before	Left Exterior Girder	17.0833	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	209.1433	Before	Interior Girder 1	17.0833	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	209.1433	Before	Interior Girder 2	17.0833	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	209.1433	Before	Interior Girder 3	17.0833	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	209.1433	Before	Interior Girder 4	17.0833	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	209.1433	Before	Interior Girder 5	17.0833	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	209.1433	Before	Interior Girder 6	17.0833	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	209.1433	Before	Right Exterior Girder	17.0833	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	209.1433	After	Left Exterior Girder	17.0833	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	209.1433	After	Interior Girder 1	17.0833	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	209.1433	After	Interior Girder 2	17.0833	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	209.1433	After	Interior Girder 3	17.0833	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	209.1433	After	Interior Girder 4	17.0833	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	209.1433	After	Interior Girder 5	17.0833	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	209.1433	After	Interior Girder 6	17.0833	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	209.1433	After	Right Exterior Girder	17.0833	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	214.76	Before	Left Exterior Girder	22.7	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	214.76	Before	Interior Girder 1	22.7	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	214.76	Before	Interior Girder 2	22.7	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	214.76	Before	Interior Girder 3	22.7	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	214.76	Before	Interior Girder 4	22.7	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	214.76	Before	Interior Girder 5	22.7	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	214.76	Before	Interior Girder 6	22.7	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	214.76	Before	Right Exterior Girder	22.7	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	214.76	After	Left Exterior Girder	22.7	0.95	1	1	10000000

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Approach, Span 12-1									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
EV3-Neg_str	BOBJ1	214.76	After	Interior Girder 1	22.7	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	214.76	After	Interior Girder 2	22.7	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	214.76	After	Interior Girder 3	22.7	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	214.76	After	Interior Girder 4	22.7	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	214.76	After	Interior Girder 5	22.7	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	214.76	After	Interior Girder 6	22.7	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	214.76	After	Right Exterior Girder	22.7	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	220.3767	Before	Left Exterior Girder	28.3167	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	220.3767	Before	Interior Girder 1	28.3167	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	220.3767	Before	Interior Girder 2	28.3167	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	220.3767	Before	Interior Girder 3	28.3167	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	220.3767	Before	Interior Girder 4	28.3167	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	220.3767	Before	Interior Girder 5	28.3167	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	220.3767	Before	Interior Girder 6	28.3167	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	220.3767	Before	Right Exterior Girder	28.3167	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	220.3767	After	Left Exterior Girder	28.3167	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	220.3767	After	Interior Girder 1	28.3167	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	220.3767	After	Interior Girder 2	28.3167	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	220.3767	After	Interior Girder 3	28.3167	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	220.3767	After	Interior Girder 4	28.3167	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	220.3767	After	Interior Girder 5	28.3167	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	220.3767	After	Interior Girder 6	28.3167	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	220.3767	After	Right Exterior Girder	28.3167	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	225.9933	Before	Left Exterior Girder	33.9333	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	225.9933	Before	Interior Girder 1	33.9333	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	225.9933	Before	Interior Girder 2	33.9333	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	225.9933	Before	Interior Girder 3	33.9333	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	225.9933	Before	Interior Girder 4	33.9333	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	225.9933	Before	Interior Girder 5	33.9333	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	225.9933	Before	Interior Girder 6	33.9333	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	225.9933	Before	Right Exterior Girder	33.9333	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	225.9933	After	Left Exterior Girder	33.9333	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	225.9933	After	Interior Girder 1	33.9333	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	225.9933	After	Interior Girder 2	33.9333	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	225.9933	After	Interior Girder 3	33.9333	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	225.9933	After	Interior Girder 4	33.9333	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	225.9933	After	Interior Girder 5	33.9333	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	225.9933	After	Interior Girder 6	33.9333	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	225.9933	After	Right Exterior Girder	33.9333	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	231.61	Before	Left Exterior Girder	39.55	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	231.61	Before	Interior Girder 1	39.55	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	231.61	Before	Interior Girder 2	39.55	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	231.61	Before	Interior Girder 3	39.55	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	231.61	Before	Interior Girder 4	39.55	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	231.61	Before	Interior Girder 5	39.55	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	231.61	Before	Interior Girder 6	39.55	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	231.61	Before	Right Exterior Girder	39.55	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	231.61	After	Left Exterior Girder	39.55	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	231.61	After	Interior Girder 1	39.55	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	231.61	After	Interior Girder 2	39.55	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	231.61	After	Interior Girder 3	39.55	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	231.61	After	Interior Girder 4	39.55	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	231.61	After	Interior Girder 5	39.55	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	231.61	After	Interior Girder 6	39.55	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	231.61	After	Right Exterior Girder	39.55	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	237.37	Before	Left Exterior Girder	45.31	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	237.37	Before	Interior Girder 1	45.31	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	237.37	Before	Interior Girder 2	45.31	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	237.37	Before	Interior Girder 3	45.31	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	237.37	Before	Interior Girder 4	45.31	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	237.37	Before	Interior Girder 5	45.31	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	237.37	Before	Interior Girder 6	45.31	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	237.37	Before	Right Exterior Girder	45.31	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	237.37	After	Left Exterior Girder	45.31	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	237.37	After	Interior Girder 1	45.31	0.95	1	1	10000000

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Approach, Span 12-1									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
EV3-Neg_str	BOBJ1	237.37	After	Interior Girder 2	45.31	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	237.37	After	Interior Girder 3	45.31	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	237.37	After	Interior Girder 4	45.31	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	237.37	After	Interior Girder 5	45.31	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	237.37	After	Interior Girder 6	45.31	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	237.37	After	Right Exterior Girder	45.31	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	243.13	Before	Left Exterior Girder	51.07	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	243.13	Before	Interior Girder 1	51.07	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	243.13	Before	Interior Girder 2	51.07	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	243.13	Before	Interior Girder 3	51.07	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	243.13	Before	Interior Girder 4	51.07	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	243.13	Before	Interior Girder 5	51.07	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	243.13	Before	Interior Girder 6	51.07	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	243.13	Before	Right Exterior Girder	51.07	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	243.13	After	Left Exterior Girder	51.07	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	243.13	After	Interior Girder 1	51.07	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	243.13	After	Interior Girder 2	51.07	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	243.13	After	Interior Girder 3	51.07	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	243.13	After	Interior Girder 4	51.07	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	243.13	After	Interior Girder 5	51.07	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	243.13	After	Interior Girder 6	51.07	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	243.13	After	Right Exterior Girder	51.07	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	248.89	Before	Left Exterior Girder	56.83	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	248.89	Before	Interior Girder 1	56.83	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	248.89	Before	Interior Girder 2	56.83	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	248.89	Before	Interior Girder 3	56.83	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	248.89	Before	Interior Girder 4	56.83	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	248.89	Before	Interior Girder 5	56.83	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	248.89	Before	Interior Girder 6	56.83	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	248.89	Before	Right Exterior Girder	56.83	0.95	1	1	10000000
Gravel Truck_str	BOBJ1	0	After	Left Exterior Girder	0	0.95	1	1	9.470781
Gravel Truck_str	BOBJ1	0	After	Interior Girder 1	0	0.95	1	1	6.426492
Gravel Truck_str	BOBJ1	0	After	Interior Girder 2	0	0.95	1	1	5.917112
Gravel Truck_str	BOBJ1	0	After	Interior Girder 3	0	0.95	1	1	5.186697
Gravel Truck_str	BOBJ1	0	After	Interior Girder 4	0	0.95	1	1	5.186697
Gravel Truck_str	BOBJ1	0	After	Interior Girder 5	0	0.95	1	1	5.917112
Gravel Truck_str	BOBJ1	0	After	Interior Girder 6	0	0.95	1	1	6.426492
Gravel Truck_str	BOBJ1	0	After	Right Exterior Girder	0	0.95	1	1	9.470781
Gravel Truck_str	BOBJ1	5.85	Before	Left Exterior Girder	5.85	0.95	1	1	9.575263
Gravel Truck_str	BOBJ1	5.85	Before	Interior Girder 1	5.85	0.95	1	1	6.521859
Gravel Truck_str	BOBJ1	5.85	Before	Interior Girder 2	5.85	0.95	1	1	6.004363
Gravel Truck_str	BOBJ1	5.85	Before	Interior Girder 3	5.85	0.95	1	1	5.263734
Gravel Truck_str	BOBJ1	5.85	Before	Interior Girder 4	5.85	0.95	1	1	5.263734
Gravel Truck_str	BOBJ1	5.85	Before	Interior Girder 5	5.85	0.95	1	1	6.004363
Gravel Truck_str	BOBJ1	5.85	Before	Interior Girder 6	5.85	0.95	1	1	6.521859
Gravel Truck_str	BOBJ1	5.85	Before	Right Exterior Girder	5.85	0.95	1	1	9.575263
Gravel Truck_str	BOBJ1	5.85	After	Left Exterior Girder	5.85	0.95	1	1	12.230781
Gravel Truck_str	BOBJ1	5.85	After	Interior Girder 1	5.85	0.95	1	1	7.54117
Gravel Truck_str	BOBJ1	5.85	After	Interior Girder 2	5.85	0.95	1	1	6.971166
Gravel Truck_str	BOBJ1	5.85	After	Interior Girder 3	5.85	0.95	1	1	6.181486
Gravel Truck_str	BOBJ1	5.85	After	Interior Girder 4	5.85	0.95	1	1	6.181486
Gravel Truck_str	BOBJ1	5.85	After	Interior Girder 5	5.85	0.95	1	1	6.971166
Gravel Truck_str	BOBJ1	5.85	After	Interior Girder 6	5.85	0.95	1	1	7.54117
Gravel Truck_str	BOBJ1	5.85	After	Right Exterior Girder	5.85	0.95	1	1	12.230781
Gravel Truck_str	BOBJ1	11.4667	Before	Left Exterior Girder	11.4667	0.95	1	1	12.35637
Gravel Truck_str	BOBJ1	11.4667	Before	Interior Girder 1	11.4667	0.95	1	1	7.646344
Gravel Truck_str	BOBJ1	11.4667	Before	Interior Girder 2	11.4667	0.95	1	1	7.068171
Gravel Truck_str	BOBJ1	11.4667	Before	Interior Girder 3	11.4667	0.95	1	1	6.267635
Gravel Truck_str	BOBJ1	11.4667	Before	Interior Girder 4	11.4667	0.95	1	1	6.267635
Gravel Truck_str	BOBJ1	11.4667	Before	Interior Girder 5	11.4667	0.95	1	1	7.068171
Gravel Truck_str	BOBJ1	11.4667	Before	Interior Girder 6	11.4667	0.95	1	1	7.646344
Gravel Truck_str	BOBJ1	11.4667	Before	Right Exterior Girder	11.4667	0.95	1	1	12.35637
Gravel Truck_str	BOBJ1	11.4667	After	Left Exterior Girder	11.4667	0.95	1	1	15.038915
Gravel Truck_str	BOBJ1	11.4667	After	Interior Girder 1	11.4667	0.95	1	1	9.983033
Gravel Truck_str	BOBJ1	11.4667	After	Interior Girder 2	11.4667	0.95	1	1	9.105732

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Approach, Span 12-1									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Gravel Truck_str	BOBJ1	11.4667	After	Interior Girder 3	11.4667	0.95	1	1	8.300769
Gravel Truck_str	BOBJ1	11.4667	After	Interior Girder 4	11.4667	0.95	1	1	8.300769
Gravel Truck_str	BOBJ1	11.4667	After	Interior Girder 5	11.4667	0.95	1	1	9.105732
Gravel Truck_str	BOBJ1	11.4667	After	Interior Girder 6	11.4667	0.95	1	1	9.983033
Gravel Truck_str	BOBJ1	11.4667	After	Right Exterior Girder	11.4667	0.95	1	1	15.038915
Gravel Truck_str	BOBJ1	17.0833	Before	Left Exterior Girder	17.0833	0.95	1	1	15.18893
Gravel Truck_str	BOBJ1	17.0833	Before	Interior Girder 1	17.0833	0.95	1	1	10.119768
Gravel Truck_str	BOBJ1	17.0833	Before	Interior Girder 2	17.0833	0.95	1	1	9.230127
Gravel Truck_str	BOBJ1	17.0833	Before	Interior Girder 3	17.0833	0.95	1	1	8.414255
Gravel Truck_str	BOBJ1	17.0833	Before	Interior Girder 4	17.0833	0.95	1	1	8.414255
Gravel Truck_str	BOBJ1	17.0833	Before	Interior Girder 5	17.0833	0.95	1	1	9.230127
Gravel Truck_str	BOBJ1	17.0833	Before	Interior Girder 6	17.0833	0.95	1	1	10.119768
Gravel Truck_str	BOBJ1	17.0833	Before	Right Exterior Girder	17.0833	0.95	1	1	15.18893
Gravel Truck_str	BOBJ1	17.0833	After	Left Exterior Girder	17.0833	0.95	1	1	19.430578
Gravel Truck_str	BOBJ1	17.0833	After	Interior Girder 1	17.0833	0.95	1	1	13.263887
Gravel Truck_str	BOBJ1	17.0833	After	Interior Girder 2	17.0833	0.95	1	1	12.106199
Gravel Truck_str	BOBJ1	17.0833	After	Interior Girder 3	17.0833	0.95	1	1	10.83674
Gravel Truck_str	BOBJ1	17.0833	After	Interior Girder 4	17.0833	0.95	1	1	10.83674
Gravel Truck_str	BOBJ1	17.0833	After	Interior Girder 5	17.0833	0.95	1	1	12.106199
Gravel Truck_str	BOBJ1	17.0833	After	Interior Girder 6	17.0833	0.95	1	1	13.263887
Gravel Truck_str	BOBJ1	17.0833	After	Right Exterior Girder	17.0833	0.95	1	1	19.430578
Gravel Truck_str	BOBJ1	22.7	Before	Left Exterior Girder	22.7	0.95	1	1	19.619102
Gravel Truck_str	BOBJ1	22.7	Before	Interior Girder 1	22.7	0.95	1	1	13.442278
Gravel Truck_str	BOBJ1	22.7	Before	Interior Girder 2	22.7	0.95	1	1	12.268588
Gravel Truck_str	BOBJ1	22.7	Before	Interior Girder 3	22.7	0.95	1	1	10.694889
Gravel Truck_str	BOBJ1	22.7	Before	Interior Girder 4	22.7	0.95	1	1	10.694889
Gravel Truck_str	BOBJ1	22.7	Before	Interior Girder 5	22.7	0.95	1	1	12.268588
Gravel Truck_str	BOBJ1	22.7	Before	Interior Girder 6	22.7	0.95	1	1	13.442278
Gravel Truck_str	BOBJ1	22.7	Before	Right Exterior Girder	22.7	0.95	1	1	19.619102
Gravel Truck_str	BOBJ1	22.7	After	Left Exterior Girder	22.7	0.95	1	1	23.886242
Gravel Truck_str	BOBJ1	22.7	After	Interior Girder 1	22.7	0.95	1	1	13.354043
Gravel Truck_str	BOBJ1	22.7	After	Interior Girder 2	22.7	0.95	1	1	11.635333
Gravel Truck_str	BOBJ1	22.7	After	Interior Girder 3	22.7	0.95	1	1	9.848032
Gravel Truck_str	BOBJ1	22.7	After	Interior Girder 4	22.7	0.95	1	1	9.848032
Gravel Truck_str	BOBJ1	22.7	After	Interior Girder 5	22.7	0.95	1	1	11.635333
Gravel Truck_str	BOBJ1	22.7	After	Interior Girder 6	22.7	0.95	1	1	13.354043
Gravel Truck_str	BOBJ1	22.7	After	Right Exterior Girder	22.7	0.95	1	1	23.886242
Gravel Truck_str	BOBJ1	28.3167	Before	Left Exterior Girder	28.3167	0.95	1	1	23.653057
Gravel Truck_str	BOBJ1	28.3167	Before	Interior Girder 1	28.3167	0.95	1	1	13.529337
Gravel Truck_str	BOBJ1	28.3167	Before	Interior Girder 2	28.3167	0.95	1	1	11.788634
Gravel Truck_str	BOBJ1	28.3167	Before	Interior Girder 3	28.3167	0.95	1	1	9.9777
Gravel Truck_str	BOBJ1	28.3167	Before	Interior Girder 4	28.3167	0.95	1	1	9.9777
Gravel Truck_str	BOBJ1	28.3167	Before	Interior Girder 5	28.3167	0.95	1	1	11.788634
Gravel Truck_str	BOBJ1	28.3167	Before	Interior Girder 6	28.3167	0.95	1	1	13.529337
Gravel Truck_str	BOBJ1	28.3167	Before	Right Exterior Girder	28.3167	0.95	1	1	23.653057
Gravel Truck_str	BOBJ1	28.3167	After	Left Exterior Girder	28.3167	0.95	1	1	16.858472
Gravel Truck_str	BOBJ1	28.3167	After	Interior Girder 1	28.3167	0.95	1	1	10.360437
Gravel Truck_str	BOBJ1	28.3167	After	Interior Girder 2	28.3167	0.95	1	1	9.481223
Gravel Truck_str	BOBJ1	28.3167	After	Interior Girder 3	28.3167	0.95	1	1	8.154707
Gravel Truck_str	BOBJ1	28.3167	After	Interior Girder 4	28.3167	0.95	1	1	8.154707
Gravel Truck_str	BOBJ1	28.3167	After	Interior Girder 5	28.3167	0.95	1	1	9.481223
Gravel Truck_str	BOBJ1	28.3167	After	Interior Girder 6	28.3167	0.95	1	1	10.360437
Gravel Truck_str	BOBJ1	28.3167	After	Right Exterior Girder	28.3167	0.95	1	1	16.858472
Gravel Truck_str	BOBJ1	33.9333	Before	Left Exterior Girder	33.9333	0.95	1	1	16.689219
Gravel Truck_str	BOBJ1	33.9333	Before	Interior Girder 1	33.9333	0.95	1	1	10.219287
Gravel Truck_str	BOBJ1	33.9333	Before	Interior Girder 2	33.9333	0.95	1	1	9.352518
Gravel Truck_str	BOBJ1	33.9333	Before	Interior Girder 3	33.9333	0.95	1	1	8.043888
Gravel Truck_str	BOBJ1	33.9333	Before	Interior Girder 4	33.9333	0.95	1	1	8.043888
Gravel Truck_str	BOBJ1	33.9333	Before	Interior Girder 5	33.9333	0.95	1	1	9.352518
Gravel Truck_str	BOBJ1	33.9333	Before	Interior Girder 6	33.9333	0.95	1	1	10.219287
Gravel Truck_str	BOBJ1	33.9333	Before	Right Exterior Girder	33.9333	0.95	1	1	16.689219
Gravel Truck_str	BOBJ1	33.9333	After	Left Exterior Girder	33.9333	0.95	1	1	13.349193
Gravel Truck_str	BOBJ1	33.9333	After	Interior Girder 1	33.9333	0.95	1	1	7.887347
Gravel Truck_str	BOBJ1	33.9333	After	Interior Girder 2	33.9333	0.95	1	1	7.230071
Gravel Truck_str	BOBJ1	33.9333	After	Interior Girder 3	33.9333	0.95	1	1	6.225882

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Approach, Span 12-1									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Gravel Truck_str	BOBJ1	33.9333	After	Interior Girder 4	33.9333	0.95	1	1	6.225882
Gravel Truck_str	BOBJ1	33.9333	After	Interior Girder 5	33.9333	0.95	1	1	7.230071
Gravel Truck_str	BOBJ1	33.9333	After	Interior Girder 6	33.9333	0.95	1	1	7.887347
Gravel Truck_str	BOBJ1	33.9333	After	Right Exterior Girder	33.9333	0.95	1	1	13.349193
Gravel Truck_str	BOBJ1	39.55	Before	Left Exterior Girder	39.55	0.95	1	1	13.211183
Gravel Truck_str	BOBJ1	39.55	Before	Interior Girder 1	39.55	0.95	1	1	7.777967
Gravel Truck_str	BOBJ1	39.55	Before	Interior Girder 2	39.55	0.95	1	1	7.130123
Gravel Truck_str	BOBJ1	39.55	Before	Interior Girder 3	39.55	0.95	1	1	6.139629
Gravel Truck_str	BOBJ1	39.55	Before	Interior Girder 4	39.55	0.95	1	1	6.139629
Gravel Truck_str	BOBJ1	39.55	Before	Interior Girder 5	39.55	0.95	1	1	7.130123
Gravel Truck_str	BOBJ1	39.55	Before	Interior Girder 6	39.55	0.95	1	1	7.777967
Gravel Truck_str	BOBJ1	39.55	Before	Right Exterior Girder	39.55	0.95	1	1	13.211183
Gravel Truck_str	BOBJ1	39.55	After	Left Exterior Girder	39.55	0.95	1	1	9.856839
Gravel Truck_str	BOBJ1	39.55	After	Interior Girder 1	39.55	0.95	1	1	7.481371
Gravel Truck_str	BOBJ1	39.55	After	Interior Girder 2	39.55	0.95	1	1	6.823119
Gravel Truck_str	BOBJ1	39.55	After	Interior Girder 3	39.55	0.95	1	1	6.14735
Gravel Truck_str	BOBJ1	39.55	After	Interior Girder 4	39.55	0.95	1	1	6.14735
Gravel Truck_str	BOBJ1	39.55	After	Interior Girder 5	39.55	0.95	1	1	6.823119
Gravel Truck_str	BOBJ1	39.55	After	Interior Girder 6	39.55	0.95	1	1	7.481371
Gravel Truck_str	BOBJ1	39.55	After	Right Exterior Girder	39.55	0.95	1	1	9.856839
Gravel Truck_str	BOBJ1	45.1733	Before	Left Exterior Girder	45.1226	0.95	1	1	9.751684
Gravel Truck_str	BOBJ1	45.1733	Before	Interior Girder 1	45.1226	0.95	1	1	7.375392
Gravel Truck_str	BOBJ1	45.1733	Before	Interior Girder 2	45.1226	0.95	1	1	6.727185
Gravel Truck_str	BOBJ1	45.1733	Before	Interior Girder 3	45.1226	0.95	1	1	6.060054
Gravel Truck_str	BOBJ1	45.1733	Before	Interior Girder 4	45.1226	0.95	1	1	6.060054
Gravel Truck_str	BOBJ1	45.1733	Before	Interior Girder 5	45.1226	0.95	1	1	6.727185
Gravel Truck_str	BOBJ1	45.1733	Before	Interior Girder 6	45.1226	0.95	1	1	7.375392
Gravel Truck_str	BOBJ1	45.1733	Before	Right Exterior Girder	45.1226	0.95	1	1	9.751684
Gravel Truck_str	BOBJ1	45.1733	After	Left Exterior Girder	45.1226	0.95	1	1	7.130481
Gravel Truck_str	BOBJ1	45.1733	After	Interior Girder 1	45.1226	0.95	1	1	5.095351
Gravel Truck_str	BOBJ1	45.1733	After	Interior Girder 2	45.1226	0.95	1	1	4.687173
Gravel Truck_str	BOBJ1	45.1733	After	Interior Girder 3	45.1226	0.95	1	1	4.027086
Gravel Truck_str	BOBJ1	45.1733	After	Interior Girder 4	45.1226	0.95	1	1	4.027086
Gravel Truck_str	BOBJ1	45.1733	After	Interior Girder 5	45.1226	0.95	1	1	4.687173
Gravel Truck_str	BOBJ1	45.1733	After	Interior Girder 6	45.1226	0.95	1	1	5.095351
Gravel Truck_str	BOBJ1	45.1733	After	Right Exterior Girder	45.1226	0.95	1	1	7.130481
Gravel Truck_str	BOBJ1	49.2561	Before	Left Exterior Girder	49.2561	0.95	1	1	7.064529
Gravel Truck_str	BOBJ1	49.2561	Before	Right Exterior Girder	49.2561	0.95	1	1	7.064529
Gravel Truck_str	BOBJ1	49.2561	After	Left Exterior Girder	49.2561	0.95	1	1	6.185282
Gravel Truck_str	BOBJ1	49.2561	After	Right Exterior Girder	49.2561	0.95	1	1	6.185282
Gravel Truck_str	BOBJ1	50.7967	Before	Left Exterior Girder	50.7967	0.95	1	1	6.160922
Gravel Truck_str	BOBJ1	50.7967	Before	Interior Girder 1	50.7967	0.95	1	1	4.162713
Gravel Truck_str	BOBJ1	50.7967	Before	Interior Girder 2	50.7967	0.95	1	1	4.610114
Gravel Truck_str	BOBJ1	50.7967	Before	Interior Girder 3	50.7967	0.95	1	1	3.959867
Gravel Truck_str	BOBJ1	50.7967	Before	Interior Girder 4	50.7967	0.95	1	1	3.959867
Gravel Truck_str	BOBJ1	50.7967	Before	Interior Girder 5	50.7967	0.95	1	1	4.610114
Gravel Truck_str	BOBJ1	50.7967	Before	Interior Girder 6	50.7967	0.95	1	1	4.162713
Gravel Truck_str	BOBJ1	50.7967	Before	Right Exterior Girder	50.7967	0.95	1	1	6.160922
Gravel Truck_str	BOBJ1	50.7967	After	Left Exterior Girder	50.7967	0.95	1	1	6.563414
Gravel Truck_str	BOBJ1	50.7967	After	Interior Girder 1	50.7967	0.95	1	1	3.471744
Gravel Truck_str	BOBJ1	50.7967	After	Interior Girder 2	50.7967	0.95	1	1	3.58612
Gravel Truck_str	BOBJ1	50.7967	After	Interior Girder 3	50.7967	0.95	1	1	2.879301
Gravel Truck_str	BOBJ1	50.7967	After	Interior Girder 4	50.7967	0.95	1	1	2.879301
Gravel Truck_str	BOBJ1	50.7967	After	Interior Girder 5	50.7967	0.95	1	1	3.58612
Gravel Truck_str	BOBJ1	50.7967	After	Interior Girder 6	50.7967	0.95	1	1	3.471744
Gravel Truck_str	BOBJ1	50.7967	After	Right Exterior Girder	50.7967	0.95	1	1	6.563414
Gravel Truck_str	BOBJ1	51.3989	Before	Interior Girder 1	51.3989	0.95	1	1	3.46531
Gravel Truck_str	BOBJ1	51.3989	Before	Interior Girder 2	51.3989	0.95	1	1	3.579686
Gravel Truck_str	BOBJ1	51.3989	Before	Interior Girder 3	51.3989	0.95	1	1	2.874034
Gravel Truck_str	BOBJ1	51.3989	Before	Interior Girder 4	51.3989	0.95	1	1	2.874034
Gravel Truck_str	BOBJ1	51.3989	Before	Interior Girder 5	51.3989	0.95	1	1	3.579686
Gravel Truck_str	BOBJ1	51.3989	Before	Interior Girder 6	51.3989	0.95	1	1	3.46531
Gravel Truck_str	BOBJ1	51.3989	After	Interior Girder 1	51.3989	0.95	1	1	4.097628
Gravel Truck_str	BOBJ1	51.3989	After	Interior Girder 2	51.3989	0.95	1	1	3.810095
Gravel Truck_str	BOBJ1	51.3989	After	Interior Girder 3	51.3989	0.95	1	1	3.101067

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Approach, Span 12-1									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Gravel Truck_str	BOBJ1	51.3989	After	Interior Girder 4	51.3989	0.95	1	1	3.101067
Gravel Truck_str	BOBJ1	51.3989	After	Interior Girder 5	51.3989	0.95	1	1	3.810095
Gravel Truck_str	BOBJ1	51.3989	After	Interior Girder 6	51.3989	0.95	1	1	4.097628
Gravel Truck_str	BOBJ1	56.42	Before	Left Exterior Girder	56.42	0.95	1	1	6.473685
Gravel Truck_str	BOBJ1	56.42	Before	Interior Girder 1	56.42	0.95	1	1	4.032575
Gravel Truck_str	BOBJ1	56.42	Before	Interior Girder 2	56.42	0.95	1	1	3.750099
Gravel Truck_str	BOBJ1	56.42	Before	Interior Girder 3	56.42	0.95	1	1	3.051188
Gravel Truck_str	BOBJ1	56.42	Before	Interior Girder 4	56.42	0.95	1	1	3.051188
Gravel Truck_str	BOBJ1	56.42	Before	Interior Girder 5	56.42	0.95	1	1	3.750099
Gravel Truck_str	BOBJ1	56.42	Before	Interior Girder 6	56.42	0.95	1	1	4.032575
Gravel Truck_str	BOBJ1	56.42	Before	Right Exterior Girder	56.42	0.95	1	1	6.473685
Gravel Truck_str	BOBJ1	56.42	After	Left Exterior Girder	0	0.95	1	1	6.443779
Gravel Truck_str	BOBJ1	56.42	After	Interior Girder 1	0	0.95	1	1	4.111521
Gravel Truck_str	BOBJ1	56.42	After	Interior Girder 2	0	0.95	1	1	3.81621
Gravel Truck_str	BOBJ1	56.42	After	Interior Girder 3	0	0.95	1	1	3.107356
Gravel Truck_str	BOBJ1	56.42	After	Interior Girder 4	0	0.95	1	1	3.107356
Gravel Truck_str	BOBJ1	56.42	After	Interior Girder 5	0	0.95	1	1	3.81621
Gravel Truck_str	BOBJ1	56.42	After	Interior Girder 6	0	0.95	1	1	4.111521
Gravel Truck_str	BOBJ1	56.42	After	Right Exterior Girder	0	0.95	1	1	6.443779
Gravel Truck_str	BOBJ1	62.0367	Before	Left Exterior Girder	5.6167	0.95	1	1	6.541779
Gravel Truck_str	BOBJ1	62.0367	Before	Interior Girder 1	5.6167	0.95	1	1	4.185004
Gravel Truck_str	BOBJ1	62.0367	Before	Interior Girder 2	5.6167	0.95	1	1	3.883914
Gravel Truck_str	BOBJ1	62.0367	Before	Interior Girder 3	5.6167	0.95	1	1	3.163693
Gravel Truck_str	BOBJ1	62.0367	Before	Interior Girder 4	5.6167	0.95	1	1	3.163693
Gravel Truck_str	BOBJ1	62.0367	Before	Interior Girder 5	5.6167	0.95	1	1	3.883914
Gravel Truck_str	BOBJ1	62.0367	Before	Interior Girder 6	5.6167	0.95	1	1	4.185004
Gravel Truck_str	BOBJ1	62.0367	Before	Right Exterior Girder	5.6167	0.95	1	1	6.541779
Gravel Truck_str	BOBJ1	62.0367	After	Left Exterior Girder	5.6167	0.95	1	1	9.658986
Gravel Truck_str	BOBJ1	62.0367	After	Interior Girder 1	5.6167	0.95	1	1	3.943025
Gravel Truck_str	BOBJ1	62.0367	After	Interior Girder 2	5.6167	0.95	1	1	4.374861
Gravel Truck_str	BOBJ1	62.0367	After	Interior Girder 3	5.6167	0.95	1	1	3.692254
Gravel Truck_str	BOBJ1	62.0367	After	Interior Girder 4	5.6167	0.95	1	1	3.692254
Gravel Truck_str	BOBJ1	62.0367	After	Interior Girder 5	5.6167	0.95	1	1	4.374861
Gravel Truck_str	BOBJ1	62.0367	After	Interior Girder 6	5.6167	0.95	1	1	3.943025
Gravel Truck_str	BOBJ1	62.0367	After	Right Exterior Girder	5.6167	0.95	1	1	9.658986
Gravel Truck_str	BOBJ1	62.4203	Before	Interior Girder 1	6.0003	0.95	1	1	3.947852
Gravel Truck_str	BOBJ1	62.4203	Before	Interior Girder 2	6.0003	0.95	1	1	4.38006
Gravel Truck_str	BOBJ1	62.4203	Before	Interior Girder 3	6.0003	0.95	1	1	3.696729
Gravel Truck_str	BOBJ1	62.4203	Before	Interior Girder 4	6.0003	0.95	1	1	3.696729
Gravel Truck_str	BOBJ1	62.4203	Before	Interior Girder 5	6.0003	0.95	1	1	4.38006
Gravel Truck_str	BOBJ1	62.4203	Before	Interior Girder 6	6.0003	0.95	1	1	3.947852
Gravel Truck_str	BOBJ1	62.4203	After	Interior Girder 1	6.0003	0.95	1	1	3.963942
Gravel Truck_str	BOBJ1	62.4203	After	Interior Girder 2	6.0003	0.95	1	1	4.675942
Gravel Truck_str	BOBJ1	62.4203	After	Interior Girder 3	6.0003	0.95	1	1	4.036245
Gravel Truck_str	BOBJ1	62.4203	After	Interior Girder 4	6.0003	0.95	1	1	4.036245
Gravel Truck_str	BOBJ1	62.4203	After	Interior Girder 5	6.0003	0.95	1	1	4.675942
Gravel Truck_str	BOBJ1	62.4203	After	Interior Girder 6	6.0003	0.95	1	1	3.963942
Gravel Truck_str	BOBJ1	64.9204	Before	Left Exterior Girder	8.5004	0.95	1	1	6.822837
Gravel Truck_str	BOBJ1	64.9204	Before	Right Exterior Girder	8.5004	0.95	1	1	6.822837
Gravel Truck_str	BOBJ1	64.9204	After	Left Exterior Girder	8.5004	0.95	1	1	6.904477
Gravel Truck_str	BOBJ1	64.9204	After	Right Exterior Girder	8.5004	0.95	1	1	6.904477
Gravel Truck_str	BOBJ1	67.6533	Before	Left Exterior Girder	11.2333	0.95	1	1	6.946515
Gravel Truck_str	BOBJ1	67.6533	Before	Interior Girder 1	11.2333	0.95	1	1	5.233903
Gravel Truck_str	BOBJ1	67.6533	Before	Interior Girder 2	11.2333	0.95	1	1	4.747971
Gravel Truck_str	BOBJ1	67.6533	Before	Interior Girder 3	11.2333	0.95	1	1	4.099413
Gravel Truck_str	BOBJ1	67.6533	Before	Interior Girder 4	11.2333	0.95	1	1	4.099413
Gravel Truck_str	BOBJ1	67.6533	Before	Interior Girder 5	11.2333	0.95	1	1	4.747971
Gravel Truck_str	BOBJ1	67.6533	Before	Interior Girder 6	11.2333	0.95	1	1	5.233903
Gravel Truck_str	BOBJ1	67.6533	Before	Right Exterior Girder	11.2333	0.95	1	1	6.946515
Gravel Truck_str	BOBJ1	67.6533	After	Left Exterior Girder	11.2333	0.95	1	1	7.892363
Gravel Truck_str	BOBJ1	67.6533	After	Interior Girder 1	11.2333	0.95	1	1	6.254367
Gravel Truck_str	BOBJ1	67.6533	After	Interior Girder 2	11.2333	0.95	1	1	5.724396
Gravel Truck_str	BOBJ1	67.6533	After	Interior Girder 3	11.2333	0.95	1	1	5.203343
Gravel Truck_str	BOBJ1	67.6533	After	Interior Girder 4	11.2333	0.95	1	1	5.203343
Gravel Truck_str	BOBJ1	67.6533	After	Interior Girder 5	11.2333	0.95	1	1	5.724396

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Approach, Span 12-1									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Gravel Truck_str	BOBJ1	67.6533	After	Interior Girder 6	11.2333	0.95	1	1	6.254367
Gravel Truck_str	BOBJ1	67.6533	After	Right Exterior Girder	11.2333	0.95	1	1	7.892363
Gravel Truck_str	BOBJ1	73.27	Before	Left Exterior Girder	16.85	0.95	1	1	7.988131
Gravel Truck_str	BOBJ1	73.27	Before	Interior Girder 1	16.85	0.95	1	1	6.356569
Gravel Truck_str	BOBJ1	73.27	Before	Interior Girder 2	16.85	0.95	1	1	5.817191
Gravel Truck_str	BOBJ1	73.27	Before	Interior Girder 3	16.85	0.95	1	1	5.288753
Gravel Truck_str	BOBJ1	73.27	Before	Interior Girder 4	16.85	0.95	1	1	5.288753
Gravel Truck_str	BOBJ1	73.27	Before	Interior Girder 5	16.85	0.95	1	1	5.817191
Gravel Truck_str	BOBJ1	73.27	Before	Interior Girder 6	16.85	0.95	1	1	6.356569
Gravel Truck_str	BOBJ1	73.27	Before	Right Exterior Girder	16.85	0.95	1	1	7.988131
Gravel Truck_str	BOBJ1	73.27	After	Left Exterior Girder	16.85	0.95	1	1	10.640982
Gravel Truck_str	BOBJ1	73.27	After	Interior Girder 1	16.85	0.95	1	1	6.566311
Gravel Truck_str	BOBJ1	73.27	After	Interior Girder 2	16.85	0.95	1	1	6.094729
Gravel Truck_str	BOBJ1	73.27	After	Interior Girder 3	16.85	0.95	1	1	5.290845
Gravel Truck_str	BOBJ1	73.27	After	Interior Girder 4	16.85	0.95	1	1	5.290845
Gravel Truck_str	BOBJ1	73.27	After	Interior Girder 5	16.85	0.95	1	1	6.094729
Gravel Truck_str	BOBJ1	73.27	After	Interior Girder 6	16.85	0.95	1	1	6.566311
Gravel Truck_str	BOBJ1	73.27	After	Right Exterior Girder	16.85	0.95	1	1	10.640982
Gravel Truck_str	BOBJ1	78.8867	Before	Left Exterior Girder	22.4667	0.95	1	1	10.765512
Gravel Truck_str	BOBJ1	78.8867	Before	Interior Girder 1	22.4667	0.95	1	1	6.671154
Gravel Truck_str	BOBJ1	78.8867	Before	Interior Girder 2	22.4667	0.95	1	1	6.191772
Gravel Truck_str	BOBJ1	78.8867	Before	Interior Girder 3	22.4667	0.95	1	1	5.375333
Gravel Truck_str	BOBJ1	78.8867	Before	Interior Girder 4	22.4667	0.95	1	1	5.375333
Gravel Truck_str	BOBJ1	78.8867	Before	Interior Girder 5	22.4667	0.95	1	1	6.191772
Gravel Truck_str	BOBJ1	78.8867	Before	Interior Girder 6	22.4667	0.95	1	1	6.671154
Gravel Truck_str	BOBJ1	78.8867	Before	Right Exterior Girder	22.4667	0.95	1	1	10.765512
Gravel Truck_str	BOBJ1	78.8867	After	Left Exterior Girder	22.4667	0.95	1	1	12.893913
Gravel Truck_str	BOBJ1	78.8867	After	Interior Girder 1	22.4667	0.95	1	1	8.492381
Gravel Truck_str	BOBJ1	78.8867	After	Interior Girder 2	22.4667	0.95	1	1	7.799638
Gravel Truck_str	BOBJ1	78.8867	After	Interior Girder 3	22.4667	0.95	1	1	6.928429
Gravel Truck_str	BOBJ1	78.8867	After	Interior Girder 4	22.4667	0.95	1	1	6.928429
Gravel Truck_str	BOBJ1	78.8867	After	Interior Girder 5	22.4667	0.95	1	1	7.799638
Gravel Truck_str	BOBJ1	78.8867	After	Interior Girder 6	22.4667	0.95	1	1	8.492381
Gravel Truck_str	BOBJ1	78.8867	After	Right Exterior Girder	22.4667	0.95	1	1	12.893913
Gravel Truck_str	BOBJ1	84.5033	Before	Left Exterior Girder	28.0833	0.95	1	1	13.039699
Gravel Truck_str	BOBJ1	84.5033	Before	Interior Girder 1	28.0833	0.95	1	1	8.625226
Gravel Truck_str	BOBJ1	84.5033	Before	Interior Girder 2	28.0833	0.95	1	1	7.921236
Gravel Truck_str	BOBJ1	84.5033	Before	Interior Girder 3	28.0833	0.95	1	1	7.036615
Gravel Truck_str	BOBJ1	84.5033	Before	Interior Girder 4	28.0833	0.95	1	1	7.036615
Gravel Truck_str	BOBJ1	84.5033	Before	Interior Girder 5	28.0833	0.95	1	1	7.921236
Gravel Truck_str	BOBJ1	84.5033	Before	Interior Girder 6	28.0833	0.95	1	1	8.625226
Gravel Truck_str	BOBJ1	84.5033	Before	Right Exterior Girder	28.0833	0.95	1	1	13.039699
Gravel Truck_str	BOBJ1	84.5033	After	Left Exterior Girder	28.0833	0.95	1	1	16.698615
Gravel Truck_str	BOBJ1	84.5033	After	Interior Girder 1	28.0833	0.95	1	1	11.151414
Gravel Truck_str	BOBJ1	84.5033	After	Interior Girder 2	28.0833	0.95	1	1	9.818707
Gravel Truck_str	BOBJ1	84.5033	After	Interior Girder 3	28.0833	0.95	1	1	8.313491
Gravel Truck_str	BOBJ1	84.5033	After	Interior Girder 4	28.0833	0.95	1	1	8.313491
Gravel Truck_str	BOBJ1	84.5033	After	Interior Girder 5	28.0833	0.95	1	1	9.818707
Gravel Truck_str	BOBJ1	84.5033	After	Interior Girder 6	28.0833	0.95	1	1	11.151414
Gravel Truck_str	BOBJ1	84.5033	After	Right Exterior Girder	28.0833	0.95	1	1	16.698615
Gravel Truck_str	BOBJ1	90.12	Before	Left Exterior Girder	33.7	0.95	1	1	16.881324
Gravel Truck_str	BOBJ1	90.12	Before	Interior Girder 1	33.7	0.95	1	1	11.187029
Gravel Truck_str	BOBJ1	90.12	Before	Interior Girder 2	33.7	0.95	1	1	9.67386
Gravel Truck_str	BOBJ1	90.12	Before	Interior Girder 3	33.7	0.95	1	1	8.190964
Gravel Truck_str	BOBJ1	90.12	Before	Interior Girder 4	33.7	0.95	1	1	8.190964
Gravel Truck_str	BOBJ1	90.12	Before	Interior Girder 5	33.7	0.95	1	1	9.67386
Gravel Truck_str	BOBJ1	90.12	Before	Interior Girder 6	33.7	0.95	1	1	11.187029
Gravel Truck_str	BOBJ1	90.12	Before	Right Exterior Girder	33.7	0.95	1	1	16.881324
Gravel Truck_str	BOBJ1	90.12	After	Left Exterior Girder	33.7	0.95	1	1	17.395092
Gravel Truck_str	BOBJ1	90.12	After	Interior Girder 1	33.7	0.95	1	1	11.112168
Gravel Truck_str	BOBJ1	90.12	After	Interior Girder 2	33.7	0.95	1	1	9.625678
Gravel Truck_str	BOBJ1	90.12	After	Interior Girder 3	33.7	0.95	1	1	8.170207
Gravel Truck_str	BOBJ1	90.12	After	Interior Girder 4	33.7	0.95	1	1	8.170207
Gravel Truck_str	BOBJ1	90.12	After	Interior Girder 5	33.7	0.95	1	1	9.625678
Gravel Truck_str	BOBJ1	90.12	After	Interior Girder 6	33.7	0.95	1	1	11.112168

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Approach, Span 12-1									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Gravel Truck_str	BOBJ1	90.12	After	Right Exterior Girder	33.7	0.95	1	1	17.395092
Gravel Truck_str	BOBJ1	95.7367	Before	Left Exterior Girder	39.3167	0.95	1	1	17.206859
Gravel Truck_str	BOBJ1	95.7367	Before	Interior Girder 1	39.3167	0.95	1	1	11.277887
Gravel Truck_str	BOBJ1	95.7367	Before	Interior Girder 2	39.3167	0.95	1	1	9.769714
Gravel Truck_str	BOBJ1	95.7367	Before	Interior Girder 3	39.3167	0.95	1	1	8.29233
Gravel Truck_str	BOBJ1	95.7367	Before	Interior Girder 4	39.3167	0.95	1	1	8.29233
Gravel Truck_str	BOBJ1	95.7367	Before	Interior Girder 5	39.3167	0.95	1	1	9.769714
Gravel Truck_str	BOBJ1	95.7367	Before	Interior Girder 6	39.3167	0.95	1	1	11.277887
Gravel Truck_str	BOBJ1	95.7367	Before	Right Exterior Girder	39.3167	0.95	1	1	17.206859
Gravel Truck_str	BOBJ1	95.7367	After	Left Exterior Girder	39.3167	0.95	1	1	13.379257
Gravel Truck_str	BOBJ1	95.7367	After	Interior Girder 1	39.3167	0.95	1	1	8.722976
Gravel Truck_str	BOBJ1	95.7367	After	Interior Girder 2	39.3167	0.95	1	1	8.022817
Gravel Truck_str	BOBJ1	95.7367	After	Interior Girder 3	39.3167	0.95	1	1	7.066061
Gravel Truck_str	BOBJ1	95.7367	After	Interior Girder 4	39.3167	0.95	1	1	7.066061
Gravel Truck_str	BOBJ1	95.7367	After	Interior Girder 5	39.3167	0.95	1	1	8.022817
Gravel Truck_str	BOBJ1	95.7367	After	Interior Girder 6	39.3167	0.95	1	1	8.722976
Gravel Truck_str	BOBJ1	95.7367	After	Right Exterior Girder	39.3167	0.95	1	1	13.379257
Gravel Truck_str	BOBJ1	101.3533	Before	Left Exterior Girder	44.9333	0.95	1	1	13.229704
Gravel Truck_str	BOBJ1	101.3533	Before	Interior Girder 1	44.9333	0.95	1	1	8.588571
Gravel Truck_str	BOBJ1	101.3533	Before	Interior Girder 2	44.9333	0.95	1	1	7.89958
Gravel Truck_str	BOBJ1	101.3533	Before	Interior Girder 3	44.9333	0.95	1	1	6.957335
Gravel Truck_str	BOBJ1	101.3533	Before	Interior Girder 4	44.9333	0.95	1	1	6.957335
Gravel Truck_str	BOBJ1	101.3533	Before	Interior Girder 5	44.9333	0.95	1	1	7.89958
Gravel Truck_str	BOBJ1	101.3533	Before	Interior Girder 6	44.9333	0.95	1	1	8.588571
Gravel Truck_str	BOBJ1	101.3533	Before	Right Exterior Girder	44.9333	0.95	1	1	13.229704
Gravel Truck_str	BOBJ1	101.3533	After	Left Exterior Girder	44.9333	0.95	1	1	11.004969
Gravel Truck_str	BOBJ1	101.3533	After	Interior Girder 1	44.9333	0.95	1	1	6.729966
Gravel Truck_str	BOBJ1	101.3533	After	Interior Girder 2	44.9333	0.95	1	1	6.229474
Gravel Truck_str	BOBJ1	101.3533	After	Interior Girder 3	44.9333	0.95	1	1	5.389914
Gravel Truck_str	BOBJ1	101.3533	After	Interior Girder 4	44.9333	0.95	1	1	5.389914
Gravel Truck_str	BOBJ1	101.3533	After	Interior Girder 5	44.9333	0.95	1	1	6.229474
Gravel Truck_str	BOBJ1	101.3533	After	Interior Girder 6	44.9333	0.95	1	1	6.729966
Gravel Truck_str	BOBJ1	101.3533	After	Right Exterior Girder	44.9333	0.95	1	1	11.004969
Gravel Truck_str	BOBJ1	106.97	Before	Left Exterior Girder	50.55	0.95	1	1	10.877698
Gravel Truck_str	BOBJ1	106.97	Before	Interior Girder 1	50.55	0.95	1	1	6.624157
Gravel Truck_str	BOBJ1	106.97	Before	Interior Girder 2	50.55	0.95	1	1	6.131772
Gravel Truck_str	BOBJ1	106.97	Before	Interior Girder 3	50.55	0.95	1	1	5.305129
Gravel Truck_str	BOBJ1	106.97	Before	Interior Girder 4	50.55	0.95	1	1	5.305129
Gravel Truck_str	BOBJ1	106.97	Before	Interior Girder 5	50.55	0.95	1	1	6.131772
Gravel Truck_str	BOBJ1	106.97	Before	Interior Girder 6	50.55	0.95	1	1	6.624157
Gravel Truck_str	BOBJ1	106.97	Before	Right Exterior Girder	50.55	0.95	1	1	10.877698
Gravel Truck_str	BOBJ1	106.97	After	Left Exterior Girder	50.55	0.95	1	1	8.127535
Gravel Truck_str	BOBJ1	106.97	After	Interior Girder 1	50.55	0.95	1	1	6.434942
Gravel Truck_str	BOBJ1	106.97	After	Interior Girder 2	50.55	0.95	1	1	5.883761
Gravel Truck_str	BOBJ1	106.97	After	Interior Girder 3	50.55	0.95	1	1	5.330823
Gravel Truck_str	BOBJ1	106.97	After	Interior Girder 4	50.55	0.95	1	1	5.330823
Gravel Truck_str	BOBJ1	106.97	After	Interior Girder 5	50.55	0.95	1	1	5.883761
Gravel Truck_str	BOBJ1	106.97	After	Interior Girder 6	50.55	0.95	1	1	6.434942
Gravel Truck_str	BOBJ1	106.97	After	Right Exterior Girder	50.55	0.95	1	1	8.127535
Gravel Truck_str	BOBJ1	112.5933	Before	Left Exterior Girder	56.1733	0.95	1	1	8.030013
Gravel Truck_str	BOBJ1	112.5933	Before	Interior Girder 1	56.1733	0.95	1	1	6.331319
Gravel Truck_str	BOBJ1	112.5933	Before	Interior Girder 2	56.1733	0.95	1	1	5.789705
Gravel Truck_str	BOBJ1	112.5933	Before	Interior Girder 3	56.1733	0.95	1	1	5.244566
Gravel Truck_str	BOBJ1	112.5933	Before	Interior Girder 4	56.1733	0.95	1	1	5.244566
Gravel Truck_str	BOBJ1	112.5933	Before	Interior Girder 5	56.1733	0.95	1	1	5.789705
Gravel Truck_str	BOBJ1	112.5933	Before	Interior Girder 6	56.1733	0.95	1	1	6.331319
Gravel Truck_str	BOBJ1	112.5933	Before	Right Exterior Girder	56.1733	0.95	1	1	8.030013
Gravel Truck_str	BOBJ1	112.5933	After	Left Exterior Girder	56.1733	0.95	1	1	7.08801
Gravel Truck_str	BOBJ1	112.5933	After	Interior Girder 1	56.1733	0.95	1	1	5.254404
Gravel Truck_str	BOBJ1	112.5933	After	Interior Girder 2	56.1733	0.95	1	1	4.786917
Gravel Truck_str	BOBJ1	112.5933	After	Interior Girder 3	56.1733	0.95	1	1	4.126705
Gravel Truck_str	BOBJ1	112.5933	After	Interior Girder 4	56.1733	0.95	1	1	4.126705
Gravel Truck_str	BOBJ1	112.5933	After	Interior Girder 5	56.1733	0.95	1	1	4.786917
Gravel Truck_str	BOBJ1	112.5933	After	Interior Girder 6	56.1733	0.95	1	1	5.254404
Gravel Truck_str	BOBJ1	112.5933	After	Right Exterior Girder	56.1733	0.95	1	1	7.08801

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Approach, Span 12-1									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Gravel Truck_str	BOBJ1	115.3396	Before	Left Exterior Girder	58.9196	0.95	1	1	7.044934
Gravel Truck_str	BOBJ1	115.3396	Before	Right Exterior Girder	58.9196	0.95	1	1	7.044934
Gravel Truck_str	BOBJ1	115.3396	After	Left Exterior Girder	58.9196	0.95	1	1	6.758219
Gravel Truck_str	BOBJ1	115.3396	After	Right Exterior Girder	58.9196	0.95	1	1	6.758219
Gravel Truck_str	BOBJ1	118.2167	Before	Left Exterior Girder	61.7967	0.95	1	1	6.707739
Gravel Truck_str	BOBJ1	118.2167	Before	Interior Girder 1	61.9198	0.95	1	1	5.208008
Gravel Truck_str	BOBJ1	118.2167	Before	Interior Girder 2	61.9198	0.95	1	1	4.708785
Gravel Truck_str	BOBJ1	118.2167	Before	Interior Girder 3	61.9198	0.95	1	1	4.058303
Gravel Truck_str	BOBJ1	118.2167	Before	Interior Girder 4	61.9198	0.95	1	1	4.058303
Gravel Truck_str	BOBJ1	118.2167	Before	Interior Girder 5	61.9198	0.95	1	1	4.708785
Gravel Truck_str	BOBJ1	118.2167	Before	Interior Girder 6	61.9198	0.95	1	1	5.208008
Gravel Truck_str	BOBJ1	118.2167	Before	Right Exterior Girder	61.7967	0.95	1	1	6.707739
Gravel Truck_str	BOBJ1	118.2167	After	Left Exterior Girder	61.7967	0.95	1	1	6.596425
Gravel Truck_str	BOBJ1	118.2167	After	Interior Girder 1	61.9198	0.95	1	1	4.207578
Gravel Truck_str	BOBJ1	118.2167	After	Interior Girder 2	61.9198	0.95	1	1	3.894057
Gravel Truck_str	BOBJ1	118.2167	After	Interior Girder 3	61.9198	0.95	1	1	3.171425
Gravel Truck_str	BOBJ1	118.2167	After	Interior Girder 4	61.9198	0.95	1	1	3.171425
Gravel Truck_str	BOBJ1	118.2167	After	Interior Girder 5	61.9198	0.95	1	1	3.894057
Gravel Truck_str	BOBJ1	118.2167	After	Interior Girder 6	61.9198	0.95	1	1	4.207578
Gravel Truck_str	BOBJ1	118.2167	After	Right Exterior Girder	61.7967	0.95	1	1	6.596425
Gravel Truck_str	BOBJ1	123.84	Before	Left Exterior Girder	67.42	0.95	1	1	6.497541
Gravel Truck_str	BOBJ1	123.84	Before	Interior Girder 1	67.42	0.95	1	1	4.133576
Gravel Truck_str	BOBJ1	123.84	Before	Interior Girder 2	67.42	0.95	1	1	3.826017
Gravel Truck_str	BOBJ1	123.84	Before	Interior Girder 3	67.42	0.95	1	1	3.114839
Gravel Truck_str	BOBJ1	123.84	Before	Interior Girder 4	67.42	0.95	1	1	3.114839
Gravel Truck_str	BOBJ1	123.84	Before	Interior Girder 5	67.42	0.95	1	1	3.826017
Gravel Truck_str	BOBJ1	123.84	Before	Interior Girder 6	67.42	0.95	1	1	4.133576
Gravel Truck_str	BOBJ1	123.84	Before	Right Exterior Girder	67.42	0.95	1	1	6.497541
Gravel Truck_str	BOBJ1	123.84	After	Left Exterior Girder	0	0.95	1	1	6.544845
Gravel Truck_str	BOBJ1	123.84	After	Interior Girder 1	0	0.95	1	1	4.193671
Gravel Truck_str	BOBJ1	123.84	After	Interior Girder 2	0	0.95	1	1	3.884536
Gravel Truck_str	BOBJ1	123.84	After	Interior Girder 3	0	0.95	1	1	3.143258
Gravel Truck_str	BOBJ1	123.84	After	Interior Girder 4	0	0.95	1	1	3.143258
Gravel Truck_str	BOBJ1	123.84	After	Interior Girder 5	0	0.95	1	1	3.884536
Gravel Truck_str	BOBJ1	123.84	After	Interior Girder 6	0	0.95	1	1	4.193671
Gravel Truck_str	BOBJ1	123.84	After	Right Exterior Girder	0	0.95	1	1	6.544845
Gravel Truck_str	BOBJ1	129.34	Before	Interior Girder 1	5.5	0.95	1	1	4.267183
Gravel Truck_str	BOBJ1	129.34	Before	Interior Girder 2	5.5	0.95	1	1	3.952098
Gravel Truck_str	BOBJ1	129.34	Before	Interior Girder 3	5.5	0.95	1	1	3.199242
Gravel Truck_str	BOBJ1	129.34	Before	Interior Girder 4	5.5	0.95	1	1	3.199242
Gravel Truck_str	BOBJ1	129.34	Before	Interior Girder 5	5.5	0.95	1	1	3.952098
Gravel Truck_str	BOBJ1	129.34	Before	Interior Girder 6	5.5	0.95	1	1	4.267183
Gravel Truck_str	BOBJ1	129.34	After	Interior Girder 1	5.5	0.95	1	1	4.040733
Gravel Truck_str	BOBJ1	129.34	After	Interior Girder 2	5.5	0.95	1	1	4.065425
Gravel Truck_str	BOBJ1	129.34	After	Interior Girder 3	5.5	0.95	1	1	3.281569
Gravel Truck_str	BOBJ1	129.34	After	Interior Girder 4	5.5	0.95	1	1	3.281569
Gravel Truck_str	BOBJ1	129.34	After	Interior Girder 5	5.5	0.95	1	1	4.065425
Gravel Truck_str	BOBJ1	129.34	After	Interior Girder 6	5.5	0.95	1	1	4.040733
Gravel Truck_str	BOBJ1	130.79	Before	Left Exterior Girder	6.95	0.95	1	1	5.744508
Gravel Truck_str	BOBJ1	130.79	Before	Interior Girder 1	6.95	0.95	1	1	4.058451
Gravel Truck_str	BOBJ1	130.79	Before	Interior Girder 2	6.95	0.95	1	1	4.082843
Gravel Truck_str	BOBJ1	130.79	Before	Interior Girder 3	6.95	0.95	1	1	3.29593
Gravel Truck_str	BOBJ1	130.79	Before	Interior Girder 4	6.95	0.95	1	1	3.29593
Gravel Truck_str	BOBJ1	130.79	Before	Interior Girder 5	6.95	0.95	1	1	4.082843
Gravel Truck_str	BOBJ1	130.79	Before	Interior Girder 6	6.95	0.95	1	1	4.058451
Gravel Truck_str	BOBJ1	130.79	Before	Right Exterior Girder	6.95	0.95	1	1	5.744508
Gravel Truck_str	BOBJ1	130.79	After	Left Exterior Girder	6.95	0.95	1	1	6.062395
Gravel Truck_str	BOBJ1	130.79	After	Interior Girder 1	6.95	0.95	1	1	5.412826
Gravel Truck_str	BOBJ1	130.79	After	Interior Girder 2	6.95	0.95	1	1	5.220634
Gravel Truck_str	BOBJ1	130.79	After	Interior Girder 3	6.95	0.95	1	1	4.649723
Gravel Truck_str	BOBJ1	130.79	After	Interior Girder 4	6.95	0.95	1	1	4.649723
Gravel Truck_str	BOBJ1	130.79	After	Interior Girder 5	6.95	0.95	1	1	5.220634
Gravel Truck_str	BOBJ1	130.79	After	Interior Girder 6	6.95	0.95	1	1	5.412826
Gravel Truck_str	BOBJ1	130.79	After	Right Exterior Girder	6.95	0.95	1	1	6.062395
Gravel Truck_str	BOBJ1	132.34	Before	Left Exterior Girder	8.5	0.95	1	1	6.087295

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Approach, Span 12-1									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Gravel Truck_str	BOBJ1	132.34	Before	Right Exterior Girder	8.5	0.95	1	1	6.087295
Gravel Truck_str	BOBJ1	132.34	After	Left Exterior Girder	8.5	0.95	1	1	7.303936
Gravel Truck_str	BOBJ1	132.34	After	Right Exterior Girder	8.5	0.95	1	1	7.303936
Gravel Truck_str	BOBJ1	137.74	Before	Left Exterior Girder	13.9	0.95	1	1	7.391069
Gravel Truck_str	BOBJ1	137.74	Before	Interior Girder 1	13.9	0.95	1	1	5.825583
Gravel Truck_str	BOBJ1	137.74	Before	Interior Girder 2	13.9	0.95	1	1	5.327128
Gravel Truck_str	BOBJ1	137.74	Before	Interior Girder 3	13.9	0.95	1	1	4.746128
Gravel Truck_str	BOBJ1	137.74	Before	Interior Girder 4	13.9	0.95	1	1	4.746128
Gravel Truck_str	BOBJ1	137.74	Before	Interior Girder 5	13.9	0.95	1	1	5.327128
Gravel Truck_str	BOBJ1	137.74	Before	Interior Girder 6	13.9	0.95	1	1	5.825583
Gravel Truck_str	BOBJ1	137.74	Before	Right Exterior Girder	13.9	0.95	1	1	7.391069
Gravel Truck_str	BOBJ1	137.74	After	Left Exterior Girder	13.9	0.95	1	1	9.703337
Gravel Truck_str	BOBJ1	137.74	After	Interior Girder 1	13.9	0.95	1	1	6.143376
Gravel Truck_str	BOBJ1	137.74	After	Interior Girder 2	13.9	0.95	1	1	5.690446
Gravel Truck_str	BOBJ1	137.74	After	Interior Girder 3	13.9	0.95	1	1	4.959743
Gravel Truck_str	BOBJ1	137.74	After	Interior Girder 4	13.9	0.95	1	1	4.959743
Gravel Truck_str	BOBJ1	137.74	After	Interior Girder 5	13.9	0.95	1	1	5.690446
Gravel Truck_str	BOBJ1	137.74	After	Interior Girder 6	13.9	0.95	1	1	6.143376
Gravel Truck_str	BOBJ1	137.74	After	Right Exterior Girder	13.9	0.95	1	1	9.703337
Gravel Truck_str	BOBJ1	143.7733	Before	Left Exterior Girder	19.9333	0.95	1	1	9.827636
Gravel Truck_str	BOBJ1	143.7733	Before	Interior Girder 1	19.9333	0.95	1	1	6.250116
Gravel Truck_str	BOBJ1	143.7733	Before	Interior Girder 2	19.9333	0.95	1	1	5.789041
Gravel Truck_str	BOBJ1	143.7733	Before	Interior Girder 3	19.9333	0.95	1	1	5.046013
Gravel Truck_str	BOBJ1	143.7733	Before	Interior Girder 4	19.9333	0.95	1	1	5.046013
Gravel Truck_str	BOBJ1	143.7733	Before	Interior Girder 5	19.9333	0.95	1	1	5.789041
Gravel Truck_str	BOBJ1	143.7733	Before	Interior Girder 6	19.9333	0.95	1	1	6.250116
Gravel Truck_str	BOBJ1	143.7733	Before	Right Exterior Girder	19.9333	0.95	1	1	9.827636
Gravel Truck_str	BOBJ1	143.7733	After	Left Exterior Girder	19.9333	0.95	1	1	11.758936
Gravel Truck_str	BOBJ1	143.7733	After	Interior Girder 1	19.9333	0.95	1	1	8.021775
Gravel Truck_str	BOBJ1	143.7733	After	Interior Girder 2	19.9333	0.95	1	1	7.330613
Gravel Truck_str	BOBJ1	143.7733	After	Interior Girder 3	19.9333	0.95	1	1	6.582874
Gravel Truck_str	BOBJ1	143.7733	After	Interior Girder 4	19.9333	0.95	1	1	6.582874
Gravel Truck_str	BOBJ1	143.7733	After	Interior Girder 5	19.9333	0.95	1	1	7.330613
Gravel Truck_str	BOBJ1	143.7733	After	Interior Girder 6	19.9333	0.95	1	1	8.021775
Gravel Truck_str	BOBJ1	143.7733	After	Right Exterior Girder	19.9333	0.95	1	1	11.758936
Gravel Truck_str	BOBJ1	149.8067	Before	Left Exterior Girder	25.9667	0.95	1	1	11.903981
Gravel Truck_str	BOBJ1	149.8067	Before	Interior Girder 1	25.9667	0.95	1	1	8.158103
Gravel Truck_str	BOBJ1	149.8067	Before	Interior Girder 2	25.9667	0.95	1	1	7.45476
Gravel Truck_str	BOBJ1	149.8067	Before	Interior Girder 3	25.9667	0.95	1	1	6.694604
Gravel Truck_str	BOBJ1	149.8067	Before	Interior Girder 4	25.9667	0.95	1	1	6.694604
Gravel Truck_str	BOBJ1	149.8067	Before	Interior Girder 5	25.9667	0.95	1	1	7.45476
Gravel Truck_str	BOBJ1	149.8067	Before	Interior Girder 6	25.9667	0.95	1	1	8.158103
Gravel Truck_str	BOBJ1	149.8067	Before	Right Exterior Girder	25.9667	0.95	1	1	11.903981
Gravel Truck_str	BOBJ1	149.8067	After	Left Exterior Girder	25.9667	0.95	1	1	15.225993
Gravel Truck_str	BOBJ1	149.8067	After	Interior Girder 1	25.9667	0.95	1	1	10.644992
Gravel Truck_str	BOBJ1	149.8067	After	Interior Girder 2	25.9667	0.95	1	1	9.6751
Gravel Truck_str	BOBJ1	149.8067	After	Interior Girder 3	25.9667	0.95	1	1	8.788347
Gravel Truck_str	BOBJ1	149.8067	After	Interior Girder 4	25.9667	0.95	1	1	8.788347
Gravel Truck_str	BOBJ1	149.8067	After	Interior Girder 5	25.9667	0.95	1	1	9.6751
Gravel Truck_str	BOBJ1	149.8067	After	Interior Girder 6	25.9667	0.95	1	1	10.644992
Gravel Truck_str	BOBJ1	149.8067	After	Right Exterior Girder	25.9667	0.95	1	1	15.225993
Gravel Truck_str	BOBJ1	155.84	Before	Left Exterior Girder	32	0.95	1	1	15.4072
Gravel Truck_str	BOBJ1	155.84	Before	Interior Girder 1	32	0.95	1	1	10.821908
Gravel Truck_str	BOBJ1	155.84	Before	Interior Girder 2	32	0.95	1	1	9.835273
Gravel Truck_str	BOBJ1	155.84	Before	Interior Girder 3	32	0.95	1	1	8.781154
Gravel Truck_str	BOBJ1	155.84	Before	Interior Girder 4	32	0.95	1	1	8.781154
Gravel Truck_str	BOBJ1	155.84	Before	Interior Girder 5	32	0.95	1	1	9.835273
Gravel Truck_str	BOBJ1	155.84	Before	Interior Girder 6	32	0.95	1	1	10.821908
Gravel Truck_str	BOBJ1	155.84	Before	Right Exterior Girder	32	0.95	1	1	15.4072
Gravel Truck_str	BOBJ1	155.84	After	Left Exterior Girder	32	0.95	1	1	18.884049
Gravel Truck_str	BOBJ1	155.84	After	Interior Girder 1	32	0.95	1	1	10.622577
Gravel Truck_str	BOBJ1	155.84	After	Interior Girder 2	32	0.95	1	1	9.246986
Gravel Truck_str	BOBJ1	155.84	After	Interior Girder 3	32	0.95	1	1	7.850027
Gravel Truck_str	BOBJ1	155.84	After	Interior Girder 4	32	0.95	1	1	7.850027
Gravel Truck_str	BOBJ1	155.84	After	Interior Girder 5	32	0.95	1	1	9.246986

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Approach, Span 12-1									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Gravel Truck_str	BOBJ1	155.84	After	Interior Girder 6	32	0.95	1	1	10.622577
Gravel Truck_str	BOBJ1	155.84	After	Right Exterior Girder	32	0.95	1	1	18.884049
Gravel Truck_str	BOBJ1	161.8733	Before	Left Exterior Girder	38.0333	0.95	1	1	18.666795
Gravel Truck_str	BOBJ1	161.8733	Before	Interior Girder 1	38.0333	0.95	1	1	10.794033
Gravel Truck_str	BOBJ1	161.8733	Before	Interior Girder 2	38.0333	0.95	1	1	9.39676
Gravel Truck_str	BOBJ1	161.8733	Before	Interior Girder 3	38.0333	0.95	1	1	7.977105
Gravel Truck_str	BOBJ1	161.8733	Before	Interior Girder 4	38.0333	0.95	1	1	7.977105
Gravel Truck_str	BOBJ1	161.8733	Before	Interior Girder 5	38.0333	0.95	1	1	9.39676
Gravel Truck_str	BOBJ1	161.8733	Before	Interior Girder 6	38.0333	0.95	1	1	10.794033
Gravel Truck_str	BOBJ1	161.8733	Before	Right Exterior Girder	38.0333	0.95	1	1	18.666795
Gravel Truck_str	BOBJ1	161.8733	After	Left Exterior Girder	38.0333	0.95	1	1	14.055545
Gravel Truck_str	BOBJ1	161.8733	After	Interior Girder 1	38.0333	0.95	1	1	9.015652
Gravel Truck_str	BOBJ1	161.8733	After	Interior Girder 2	38.0333	0.95	1	1	8.316058
Gravel Truck_str	BOBJ1	161.8733	After	Interior Girder 3	38.0333	0.95	1	1	7.332398
Gravel Truck_str	BOBJ1	161.8733	After	Interior Girder 4	38.0333	0.95	1	1	7.332398
Gravel Truck_str	BOBJ1	161.8733	After	Interior Girder 5	38.0333	0.95	1	1	8.316058
Gravel Truck_str	BOBJ1	161.8733	After	Interior Girder 6	38.0333	0.95	1	1	9.015652
Gravel Truck_str	BOBJ1	161.8733	After	Right Exterior Girder	38.0333	0.95	1	1	14.055545
Gravel Truck_str	BOBJ1	167.9067	Before	Left Exterior Girder	44.0667	0.95	1	1	13.888168
Gravel Truck_str	BOBJ1	167.9067	Before	Interior Girder 1	44.0667	0.95	1	1	8.867347
Gravel Truck_str	BOBJ1	167.9067	Before	Interior Girder 2	44.0667	0.95	1	1	8.17969
Gravel Truck_str	BOBJ1	167.9067	Before	Interior Girder 3	44.0667	0.95	1	1	7.212028
Gravel Truck_str	BOBJ1	167.9067	Before	Interior Girder 4	44.0667	0.95	1	1	7.212028
Gravel Truck_str	BOBJ1	167.9067	Before	Interior Girder 5	44.0667	0.95	1	1	8.17969
Gravel Truck_str	BOBJ1	167.9067	Before	Interior Girder 6	44.0667	0.95	1	1	8.867347
Gravel Truck_str	BOBJ1	167.9067	Before	Right Exterior Girder	44.0667	0.95	1	1	13.888168
Gravel Truck_str	BOBJ1	167.9067	After	Left Exterior Girder	44.0667	0.95	1	1	11.304021
Gravel Truck_str	BOBJ1	167.9067	After	Interior Girder 1	44.0667	0.95	1	1	6.830604
Gravel Truck_str	BOBJ1	167.9067	After	Interior Girder 2	44.0667	0.95	1	1	6.333583
Gravel Truck_str	BOBJ1	167.9067	After	Interior Girder 3	44.0667	0.95	1	1	5.500125
Gravel Truck_str	BOBJ1	167.9067	After	Interior Girder 4	44.0667	0.95	1	1	5.500125
Gravel Truck_str	BOBJ1	167.9067	After	Interior Girder 5	44.0667	0.95	1	1	6.333583
Gravel Truck_str	BOBJ1	167.9067	After	Interior Girder 6	44.0667	0.95	1	1	6.830604
Gravel Truck_str	BOBJ1	167.9067	After	Right Exterior Girder	44.0667	0.95	1	1	11.304021
Gravel Truck_str	BOBJ1	173.94	Before	Left Exterior Girder	50.1	0.95	1	1	11.164445
Gravel Truck_str	BOBJ1	173.94	Before	Interior Girder 1	50.1	0.95	1	1	6.715785
Gravel Truck_str	BOBJ1	173.94	Before	Interior Girder 2	50.1	0.95	1	1	6.227383
Gravel Truck_str	BOBJ1	173.94	Before	Interior Girder 3	50.1	0.95	1	1	5.407688
Gravel Truck_str	BOBJ1	173.94	Before	Interior Girder 4	50.1	0.95	1	1	5.407688
Gravel Truck_str	BOBJ1	173.94	Before	Interior Girder 5	50.1	0.95	1	1	6.227383
Gravel Truck_str	BOBJ1	173.94	Before	Interior Girder 6	50.1	0.95	1	1	6.715785
Gravel Truck_str	BOBJ1	173.94	Before	Right Exterior Girder	50.1	0.95	1	1	11.164445
Gravel Truck_str	BOBJ1	173.94	After	Left Exterior Girder	50.1	0.95	1	1	8.084652
Gravel Truck_str	BOBJ1	173.94	After	Interior Girder 1	50.1	0.95	1	1	6.560719
Gravel Truck_str	BOBJ1	173.94	After	Interior Girder 2	50.1	0.95	1	1	5.982707
Gravel Truck_str	BOBJ1	173.94	After	Interior Girder 3	50.1	0.95	1	1	5.486173
Gravel Truck_str	BOBJ1	173.94	After	Interior Girder 4	50.1	0.95	1	1	5.486173
Gravel Truck_str	BOBJ1	173.94	After	Interior Girder 5	50.1	0.95	1	1	5.982707
Gravel Truck_str	BOBJ1	173.94	After	Interior Girder 6	50.1	0.95	1	1	6.560719
Gravel Truck_str	BOBJ1	173.94	After	Right Exterior Girder	50.1	0.95	1	1	8.084652
Gravel Truck_str	BOBJ1	179.98	Before	Left Exterior Girder	56.14	0.95	1	1	7.980858
Gravel Truck_str	BOBJ1	179.98	Before	Interior Girder 1	56.14	0.95	1	1	6.447582
Gravel Truck_str	BOBJ1	179.98	Before	Interior Girder 2	56.14	0.95	1	1	5.88031
Gravel Truck_str	BOBJ1	179.98	Before	Interior Girder 3	56.14	0.95	1	1	5.391202
Gravel Truck_str	BOBJ1	179.98	Before	Interior Girder 4	56.14	0.95	1	1	5.391202
Gravel Truck_str	BOBJ1	179.98	Before	Interior Girder 5	56.14	0.95	1	1	5.88031
Gravel Truck_str	BOBJ1	179.98	Before	Interior Girder 6	56.14	0.95	1	1	6.447582
Gravel Truck_str	BOBJ1	179.98	Before	Right Exterior Girder	56.14	0.95	1	1	7.980858
Gravel Truck_str	BOBJ1	179.98	After	Left Exterior Girder	56.14	0.95	1	1	7.082102
Gravel Truck_str	BOBJ1	179.98	After	Interior Girder 1	56.14	0.95	1	1	5.250226
Gravel Truck_str	BOBJ1	179.98	After	Interior Girder 2	56.14	0.95	1	1	4.808402
Gravel Truck_str	BOBJ1	179.98	After	Interior Girder 3	56.14	0.95	1	1	4.187145
Gravel Truck_str	BOBJ1	179.98	After	Interior Girder 4	56.14	0.95	1	1	4.187145
Gravel Truck_str	BOBJ1	179.98	After	Interior Girder 5	56.14	0.95	1	1	4.808402
Gravel Truck_str	BOBJ1	179.98	After	Interior Girder 6	56.14	0.95	1	1	5.250226

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Approach, Span 12-1									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Gravel Truck_str	BOBJ1	179.98	After	Right Exterior Girder	56.14	0.95	1	1	7.082102
Gravel Truck_str	BOBJ1	183.56	Before	Left Exterior Girder	59.72	0.95	1	1	7.026156
Gravel Truck_str	BOBJ1	183.56	Before	Right Exterior Girder	59.72	0.95	1	1	7.026156
Gravel Truck_str	BOBJ1	183.56	After	Left Exterior Girder	59.72	0.95	1	1	6.519004
Gravel Truck_str	BOBJ1	183.56	After	Right Exterior Girder	59.72	0.95	1	1	6.519004
Gravel Truck_str	BOBJ1	186.02	Before	Left Exterior Girder	62.18	0.95	1	1	6.47647
Gravel Truck_str	BOBJ1	186.02	Before	Interior Girder 1	62.22	0.95	1	1	5.304496
Gravel Truck_str	BOBJ1	186.02	Before	Interior Girder 2	62.22	0.95	1	1	4.724244
Gravel Truck_str	BOBJ1	186.02	Before	Interior Girder 3	62.22	0.95	1	1	4.112769
Gravel Truck_str	BOBJ1	186.02	Before	Interior Girder 4	62.22	0.95	1	1	4.112769
Gravel Truck_str	BOBJ1	186.02	Before	Interior Girder 5	62.22	0.95	1	1	4.724244
Gravel Truck_str	BOBJ1	186.02	Before	Interior Girder 6	62.22	0.95	1	1	5.304496
Gravel Truck_str	BOBJ1	186.02	Before	Right Exterior Girder	62.18	0.95	1	1	6.47647
Gravel Truck_str	BOBJ1	186.02	After	Left Exterior Girder	62.18	0.95	1	1	6.503145
Gravel Truck_str	BOBJ1	186.02	After	Interior Girder 1	62.22	0.95	1	1	4.196402
Gravel Truck_str	BOBJ1	186.02	After	Interior Girder 2	62.22	0.95	1	1	3.886989
Gravel Truck_str	BOBJ1	186.02	After	Interior Girder 3	62.22	0.95	1	1	3.177393
Gravel Truck_str	BOBJ1	186.02	After	Interior Girder 4	62.22	0.95	1	1	3.177393
Gravel Truck_str	BOBJ1	186.02	After	Interior Girder 5	62.22	0.95	1	1	3.886989
Gravel Truck_str	BOBJ1	186.02	After	Interior Girder 6	62.22	0.95	1	1	4.196402
Gravel Truck_str	BOBJ1	186.02	After	Right Exterior Girder	62.18	0.95	1	1	6.503145
Gravel Truck_str	BOBJ1	192.06	Before	Left Exterior Girder	68.22	0.95	1	1	6.396469
Gravel Truck_str	BOBJ1	192.06	Before	Interior Girder 1	68.22	0.95	1	1	4.116402
Gravel Truck_str	BOBJ1	192.06	Before	Interior Girder 2	68.22	0.95	1	1	3.813367
Gravel Truck_str	BOBJ1	192.06	Before	Interior Girder 3	68.22	0.95	1	1	3.115952
Gravel Truck_str	BOBJ1	192.06	Before	Interior Girder 4	68.22	0.95	1	1	3.115952
Gravel Truck_str	BOBJ1	192.06	Before	Interior Girder 5	68.22	0.95	1	1	3.813367
Gravel Truck_str	BOBJ1	192.06	Before	Interior Girder 6	68.22	0.95	1	1	4.116402
Gravel Truck_str	BOBJ1	192.06	Before	Right Exterior Girder	68.22	0.95	1	1	6.396469
Gravel Truck_str	BOBJ1	192.06	After	Left Exterior Girder	0	0.95	1	1	6.410338
Gravel Truck_str	BOBJ1	192.06	After	Interior Girder 1	0	0.95	1	1	4.197956
Gravel Truck_str	BOBJ1	192.06	After	Interior Girder 2	0	0.95	1	1	3.892195
Gravel Truck_str	BOBJ1	192.06	After	Interior Girder 3	0	0.95	1	1	3.058921
Gravel Truck_str	BOBJ1	192.06	After	Interior Girder 4	0	0.95	1	1	3.058921
Gravel Truck_str	BOBJ1	192.06	After	Interior Girder 5	0	0.95	1	1	3.892195
Gravel Truck_str	BOBJ1	192.06	After	Interior Girder 6	0	0.95	1	1	4.197956
Gravel Truck_str	BOBJ1	192.06	After	Right Exterior Girder	0	0.95	1	1	6.410338
Gravel Truck_str	BOBJ1	197.087	Before	Interior Girder 1	5.027	0.95	1	1	4.26636
Gravel Truck_str	BOBJ1	197.087	Before	Interior Girder 2	5.027	0.95	1	1	3.954908
Gravel Truck_str	BOBJ1	197.087	Before	Interior Girder 3	5.027	0.95	1	1	3.109957
Gravel Truck_str	BOBJ1	197.087	Before	Interior Girder 4	5.027	0.95	1	1	3.109957
Gravel Truck_str	BOBJ1	197.087	Before	Interior Girder 5	5.027	0.95	1	1	3.954908
Gravel Truck_str	BOBJ1	197.087	Before	Interior Girder 6	5.027	0.95	1	1	4.26636
Gravel Truck_str	BOBJ1	197.087	After	Interior Girder 1	5.027	0.95	1	1	4.134853
Gravel Truck_str	BOBJ1	197.087	After	Interior Girder 2	5.027	0.95	1	1	4.485247
Gravel Truck_str	BOBJ1	197.087	After	Interior Girder 3	5.027	0.95	1	1	3.667301
Gravel Truck_str	BOBJ1	197.087	After	Interior Girder 4	5.027	0.95	1	1	3.667301
Gravel Truck_str	BOBJ1	197.087	After	Interior Girder 5	5.027	0.95	1	1	4.485247
Gravel Truck_str	BOBJ1	197.087	After	Interior Girder 6	5.027	0.95	1	1	4.134853
Gravel Truck_str	BOBJ1	197.91	Before	Left Exterior Girder	5.85	0.95	1	1	6.09928
Gravel Truck_str	BOBJ1	197.91	Before	Interior Girder 1	5.85	0.95	1	1	4.145304
Gravel Truck_str	BOBJ1	197.91	Before	Interior Girder 2	5.85	0.95	1	1	4.496226
Gravel Truck_str	BOBJ1	197.91	Before	Interior Girder 3	5.85	0.95	1	1	3.676565
Gravel Truck_str	BOBJ1	197.91	Before	Interior Girder 4	5.85	0.95	1	1	3.676565
Gravel Truck_str	BOBJ1	197.91	Before	Interior Girder 5	5.85	0.95	1	1	4.496226
Gravel Truck_str	BOBJ1	197.91	Before	Interior Girder 6	5.85	0.95	1	1	4.145304
Gravel Truck_str	BOBJ1	197.91	Before	Right Exterior Girder	5.85	0.95	1	1	6.09928
Gravel Truck_str	BOBJ1	197.91	After	Left Exterior Girder	5.85	0.95	1	1	6.267688
Gravel Truck_str	BOBJ1	197.91	After	Interior Girder 1	5.85	0.95	1	1	4.172171
Gravel Truck_str	BOBJ1	197.91	After	Interior Girder 2	5.85	0.95	1	1	4.439167
Gravel Truck_str	BOBJ1	197.91	After	Interior Girder 3	5.85	0.95	1	1	3.771187
Gravel Truck_str	BOBJ1	197.91	After	Interior Girder 4	5.85	0.95	1	1	3.771187
Gravel Truck_str	BOBJ1	197.91	After	Interior Girder 5	5.85	0.95	1	1	4.439167
Gravel Truck_str	BOBJ1	197.91	After	Interior Girder 6	5.85	0.95	1	1	4.172171
Gravel Truck_str	BOBJ1	197.91	After	Right Exterior Girder	5.85	0.95	1	1	6.267688

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Approach, Span 12-1									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Gravel Truck_str	BOBJ1	199.1816	Before	Left Exterior Girder	7.1216	0.95	1	1	6.289523
Gravel Truck_str	BOBJ1	199.1816	Before	Right Exterior Girder	7.1216	0.95	1	1	6.289523
Gravel Truck_str	BOBJ1	199.1816	After	Left Exterior Girder	7.1216	0.95	1	1	7.396823
Gravel Truck_str	BOBJ1	199.1816	After	Right Exterior Girder	7.1216	0.95	1	1	7.396823
Gravel Truck_str	BOBJ1	203.5267	Before	Left Exterior Girder	11.3107	0.95	1	1	7.472991
Gravel Truck_str	BOBJ1	203.5267	Before	Interior Girder 1	11.3107	0.95	1	1	4.869734
Gravel Truck_str	BOBJ1	203.5267	Before	Interior Girder 2	11.3107	0.95	1	1	4.51354
Gravel Truck_str	BOBJ1	203.5267	Before	Interior Girder 3	11.3107	0.95	1	1	3.835115
Gravel Truck_str	BOBJ1	203.5267	Before	Interior Girder 4	11.3107	0.95	1	1	3.835115
Gravel Truck_str	BOBJ1	203.5267	Before	Interior Girder 5	11.3107	0.95	1	1	4.51354
Gravel Truck_str	BOBJ1	203.5267	Before	Interior Girder 6	11.3107	0.95	1	1	4.869734
Gravel Truck_str	BOBJ1	203.5267	Before	Right Exterior Girder	11.3107	0.95	1	1	7.472991
Gravel Truck_str	BOBJ1	203.5267	After	Left Exterior Girder	11.3107	0.95	1	1	9.843475
Gravel Truck_str	BOBJ1	203.5267	After	Interior Girder 1	11.3107	0.95	1	1	6.943722
Gravel Truck_str	BOBJ1	203.5267	After	Interior Girder 2	11.3107	0.95	1	1	6.359231
Gravel Truck_str	BOBJ1	203.5267	After	Interior Girder 3	11.3107	0.95	1	1	5.646763
Gravel Truck_str	BOBJ1	203.5267	After	Interior Girder 4	11.3107	0.95	1	1	5.646763
Gravel Truck_str	BOBJ1	203.5267	After	Interior Girder 5	11.3107	0.95	1	1	6.359231
Gravel Truck_str	BOBJ1	203.5267	After	Interior Girder 6	11.3107	0.95	1	1	6.943722
Gravel Truck_str	BOBJ1	203.5267	After	Right Exterior Girder	11.3107	0.95	1	1	9.843475
Gravel Truck_str	BOBJ1	209.1433	Before	Left Exterior Girder	17.0833	0.95	1	1	9.958398
Gravel Truck_str	BOBJ1	209.1433	Before	Interior Girder 1	17.0833	0.95	1	1	7.050164
Gravel Truck_str	BOBJ1	209.1433	Before	Interior Girder 2	17.0833	0.95	1	1	6.456148
Gravel Truck_str	BOBJ1	209.1433	Before	Interior Girder 3	17.0833	0.95	1	1	5.733442
Gravel Truck_str	BOBJ1	209.1433	Before	Interior Girder 4	17.0833	0.95	1	1	5.733442
Gravel Truck_str	BOBJ1	209.1433	Before	Interior Girder 5	17.0833	0.95	1	1	6.456148
Gravel Truck_str	BOBJ1	209.1433	Before	Interior Girder 6	17.0833	0.95	1	1	7.050164
Gravel Truck_str	BOBJ1	209.1433	Before	Right Exterior Girder	17.0833	0.95	1	1	9.958398
Gravel Truck_str	BOBJ1	209.1433	After	Left Exterior Girder	17.0833	0.95	1	1	11.897288
Gravel Truck_str	BOBJ1	209.1433	After	Interior Girder 1	17.0833	0.95	1	1	8.698756
Gravel Truck_str	BOBJ1	209.1433	After	Interior Girder 2	17.0833	0.95	1	1	7.918775
Gravel Truck_str	BOBJ1	209.1433	After	Interior Girder 3	17.0833	0.95	1	1	7.186828
Gravel Truck_str	BOBJ1	209.1433	After	Interior Girder 4	17.0833	0.95	1	1	7.186828
Gravel Truck_str	BOBJ1	209.1433	After	Interior Girder 5	17.0833	0.95	1	1	7.918775
Gravel Truck_str	BOBJ1	209.1433	After	Interior Girder 6	17.0833	0.95	1	1	8.698756
Gravel Truck_str	BOBJ1	209.1433	After	Right Exterior Girder	17.0833	0.95	1	1	11.897288
Gravel Truck_str	BOBJ1	214.76	Before	Left Exterior Girder	22.7	0.95	1	1	12.031815
Gravel Truck_str	BOBJ1	214.76	Before	Interior Girder 1	22.7	0.95	1	1	8.829545
Gravel Truck_str	BOBJ1	214.76	Before	Interior Girder 2	22.7	0.95	1	1	8.03711
Gravel Truck_str	BOBJ1	214.76	Before	Interior Girder 3	22.7	0.95	1	1	7.294822
Gravel Truck_str	BOBJ1	214.76	Before	Interior Girder 4	22.7	0.95	1	1	7.294822
Gravel Truck_str	BOBJ1	214.76	Before	Interior Girder 5	22.7	0.95	1	1	8.03711
Gravel Truck_str	BOBJ1	214.76	Before	Interior Girder 6	22.7	0.95	1	1	8.829545
Gravel Truck_str	BOBJ1	214.76	Before	Right Exterior Girder	22.7	0.95	1	1	12.031815
Gravel Truck_str	BOBJ1	214.76	After	Left Exterior Girder	22.7	0.95	1	1	17.728049
Gravel Truck_str	BOBJ1	214.76	After	Interior Girder 1	22.7	0.95	1	1	9.137473
Gravel Truck_str	BOBJ1	214.76	After	Interior Girder 2	22.7	0.95	1	1	8.185331
Gravel Truck_str	BOBJ1	214.76	After	Interior Girder 3	22.7	0.95	1	1	6.957628
Gravel Truck_str	BOBJ1	214.76	After	Interior Girder 4	22.7	0.95	1	1	6.957628
Gravel Truck_str	BOBJ1	214.76	After	Interior Girder 5	22.7	0.95	1	1	8.185331
Gravel Truck_str	BOBJ1	214.76	After	Interior Girder 6	22.7	0.95	1	1	9.137473
Gravel Truck_str	BOBJ1	214.76	After	Right Exterior Girder	22.7	0.95	1	1	17.728049
Gravel Truck_str	BOBJ1	220.3767	Before	Left Exterior Girder	28.3167	0.95	1	1	17.922807
Gravel Truck_str	BOBJ1	220.3767	Before	Interior Girder 1	28.3167	0.95	1	1	9.271687
Gravel Truck_str	BOBJ1	220.3767	Before	Interior Girder 2	28.3167	0.95	1	1	8.305452
Gravel Truck_str	BOBJ1	220.3767	Before	Interior Girder 3	28.3167	0.95	1	1	7.059814
Gravel Truck_str	BOBJ1	220.3767	Before	Interior Girder 4	28.3167	0.95	1	1	7.059814
Gravel Truck_str	BOBJ1	220.3767	Before	Interior Girder 5	28.3167	0.95	1	1	8.305452
Gravel Truck_str	BOBJ1	220.3767	Before	Interior Girder 6	28.3167	0.95	1	1	9.271687
Gravel Truck_str	BOBJ1	220.3767	Before	Right Exterior Girder	28.3167	0.95	1	1	17.922807
Gravel Truck_str	BOBJ1	220.3767	After	Left Exterior Girder	28.3167	0.95	1	1	24.697327
Gravel Truck_str	BOBJ1	220.3767	After	Interior Girder 1	28.3167	0.95	1	1	12.752351
Gravel Truck_str	BOBJ1	220.3767	After	Interior Girder 2	28.3167	0.95	1	1	11.303147
Gravel Truck_str	BOBJ1	220.3767	After	Interior Girder 3	28.3167	0.95	1	1	9.494133
Gravel Truck_str	BOBJ1	220.3767	After	Interior Girder 4	28.3167	0.95	1	1	9.494133

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Approach, Span 12-1									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Gravel Truck_str	BOBJ1	220.3767	After	Interior Girder 5	28.3167	0.95	1	1	11.303147
Gravel Truck_str	BOBJ1	220.3767	After	Interior Girder 6	28.3167	0.95	1	1	12.752351
Gravel Truck_str	BOBJ1	220.3767	After	Right Exterior Girder	28.3167	0.95	1	1	24.697327
Gravel Truck_str	BOBJ1	225.9933	Before	Left Exterior Girder	33.9333	0.95	1	1	24.960669
Gravel Truck_str	BOBJ1	225.9933	Before	Interior Girder 1	33.9333	0.95	1	1	12.936147
Gravel Truck_str	BOBJ1	225.9933	Before	Interior Girder 2	33.9333	0.95	1	1	11.465859
Gravel Truck_str	BOBJ1	225.9933	Before	Interior Girder 3	33.9333	0.95	1	1	9.630812
Gravel Truck_str	BOBJ1	225.9933	Before	Interior Girder 4	33.9333	0.95	1	1	9.630812
Gravel Truck_str	BOBJ1	225.9933	Before	Interior Girder 5	33.9333	0.95	1	1	11.465859
Gravel Truck_str	BOBJ1	225.9933	Before	Interior Girder 6	33.9333	0.95	1	1	12.936147
Gravel Truck_str	BOBJ1	225.9933	Before	Right Exterior Girder	33.9333	0.95	1	1	24.960669
Gravel Truck_str	BOBJ1	225.9933	After	Left Exterior Girder	33.9333	0.95	1	1	21.844651
Gravel Truck_str	BOBJ1	225.9933	After	Interior Girder 1	33.9333	0.95	1	1	10.734705
Gravel Truck_str	BOBJ1	225.9933	After	Interior Girder 2	33.9333	0.95	1	1	9.55809
Gravel Truck_str	BOBJ1	225.9933	After	Interior Girder 3	33.9333	0.95	1	1	8.168351
Gravel Truck_str	BOBJ1	225.9933	After	Interior Girder 4	33.9333	0.95	1	1	8.168351
Gravel Truck_str	BOBJ1	225.9933	After	Interior Girder 5	33.9333	0.95	1	1	9.55809
Gravel Truck_str	BOBJ1	225.9933	After	Interior Girder 6	33.9333	0.95	1	1	10.734705
Gravel Truck_str	BOBJ1	225.9933	After	Right Exterior Girder	33.9333	0.95	1	1	21.844651
Gravel Truck_str	BOBJ1	231.61	Before	Left Exterior Girder	39.55	0.95	1	1	21.61695
Gravel Truck_str	BOBJ1	231.61	Before	Interior Girder 1	39.55	0.95	1	1	10.583564
Gravel Truck_str	BOBJ1	231.61	Before	Interior Girder 2	39.55	0.95	1	1	9.423334
Gravel Truck_str	BOBJ1	231.61	Before	Interior Girder 3	39.55	0.95	1	1	8.053133
Gravel Truck_str	BOBJ1	231.61	Before	Interior Girder 4	39.55	0.95	1	1	8.053133
Gravel Truck_str	BOBJ1	231.61	Before	Interior Girder 5	39.55	0.95	1	1	9.423334
Gravel Truck_str	BOBJ1	231.61	Before	Interior Girder 6	39.55	0.95	1	1	10.583564
Gravel Truck_str	BOBJ1	231.61	Before	Right Exterior Girder	39.55	0.95	1	1	21.61695
Gravel Truck_str	BOBJ1	231.61	After	Left Exterior Girder	39.55	0.95	1	1	14.1365
Gravel Truck_str	BOBJ1	231.61	After	Interior Girder 1	39.55	0.95	1	1	10.237207
Gravel Truck_str	BOBJ1	231.61	After	Interior Girder 2	39.55	0.95	1	1	9.263443
Gravel Truck_str	BOBJ1	231.61	After	Interior Girder 3	39.55	0.95	1	1	8.677873
Gravel Truck_str	BOBJ1	231.61	After	Interior Girder 4	39.55	0.95	1	1	8.677873
Gravel Truck_str	BOBJ1	231.61	After	Interior Girder 5	39.55	0.95	1	1	9.263443
Gravel Truck_str	BOBJ1	231.61	After	Interior Girder 6	39.55	0.95	1	1	10.237207
Gravel Truck_str	BOBJ1	231.61	After	Right Exterior Girder	39.55	0.95	1	1	14.1365
Gravel Truck_str	BOBJ1	237.37	Before	Left Exterior Girder	45.31	0.95	1	1	13.981367
Gravel Truck_str	BOBJ1	237.37	Before	Interior Girder 1	45.31	0.95	1	1	10.085765
Gravel Truck_str	BOBJ1	237.37	Before	Interior Girder 2	45.31	0.95	1	1	9.127058
Gravel Truck_str	BOBJ1	237.37	Before	Interior Girder 3	45.31	0.95	1	1	8.549696
Gravel Truck_str	BOBJ1	237.37	Before	Interior Girder 4	45.31	0.95	1	1	8.549696
Gravel Truck_str	BOBJ1	237.37	Before	Interior Girder 5	45.31	0.95	1	1	9.127058
Gravel Truck_str	BOBJ1	237.37	Before	Interior Girder 6	45.31	0.95	1	1	10.085765
Gravel Truck_str	BOBJ1	237.37	Before	Right Exterior Girder	45.31	0.95	1	1	13.981367
Gravel Truck_str	BOBJ1	237.37	After	Left Exterior Girder	45.31	0.95	1	1	11.317697
Gravel Truck_str	BOBJ1	237.37	After	Interior Girder 1	45.31	0.95	1	1	7.80637
Gravel Truck_str	BOBJ1	237.37	After	Interior Girder 2	45.31	0.95	1	1	7.109669
Gravel Truck_str	BOBJ1	237.37	After	Interior Girder 3	45.31	0.95	1	1	6.492783
Gravel Truck_str	BOBJ1	237.37	After	Interior Girder 4	45.31	0.95	1	1	6.492783
Gravel Truck_str	BOBJ1	237.37	After	Interior Girder 5	45.31	0.95	1	1	7.109669
Gravel Truck_str	BOBJ1	237.37	After	Interior Girder 6	45.31	0.95	1	1	7.80637
Gravel Truck_str	BOBJ1	237.37	After	Right Exterior Girder	45.31	0.95	1	1	11.317697
Gravel Truck_str	BOBJ1	243.13	Before	Left Exterior Girder	51.07	0.95	1	1	11.189678
Gravel Truck_str	BOBJ1	243.13	Before	Interior Girder 1	51.07	0.95	1	1	7.68857
Gravel Truck_str	BOBJ1	243.13	Before	Interior Girder 2	51.07	0.95	1	1	7.002911
Gravel Truck_str	BOBJ1	243.13	Before	Interior Girder 3	51.07	0.95	1	1	6.394892
Gravel Truck_str	BOBJ1	243.13	Before	Interior Girder 4	51.07	0.95	1	1	6.394892
Gravel Truck_str	BOBJ1	243.13	Before	Interior Girder 5	51.07	0.95	1	1	7.002911
Gravel Truck_str	BOBJ1	243.13	Before	Interior Girder 6	51.07	0.95	1	1	7.68857
Gravel Truck_str	BOBJ1	243.13	Before	Right Exterior Girder	51.07	0.95	1	1	11.189678
Gravel Truck_str	BOBJ1	243.13	After	Left Exterior Girder	51.07	0.95	1	1	9.758545
Gravel Truck_str	BOBJ1	243.13	After	Interior Girder 1	51.07	0.95	1	1	5.876379
Gravel Truck_str	BOBJ1	243.13	After	Interior Girder 2	51.07	0.95	1	1	5.463165
Gravel Truck_str	BOBJ1	243.13	After	Interior Girder 3	51.07	0.95	1	1	4.691722
Gravel Truck_str	BOBJ1	243.13	After	Interior Girder 4	51.07	0.95	1	1	4.691722
Gravel Truck_str	BOBJ1	243.13	After	Interior Girder 5	51.07	0.95	1	1	5.463165

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Approach, Span 12-1									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Gravel Truck_str	BOBJ1	243.13	After	Interior Girder 6	51.07	0.95	1	1	5.876379
Gravel Truck_str	BOBJ1	243.13	After	Right Exterior Girder	51.07	0.95	1	1	9.758545
Gravel Truck_str	BOBJ1	248.89	Before	Left Exterior Girder	56.83	0.95	1	1	9.644452
Gravel Truck_str	BOBJ1	248.89	Before	Interior Girder 1	56.83	0.95	1	1	5.786105
Gravel Truck_str	BOBJ1	248.89	Before	Interior Girder 2	56.83	0.95	1	1	5.379434
Gravel Truck_str	BOBJ1	248.89	Before	Interior Girder 3	56.83	0.95	1	1	4.619469
Gravel Truck_str	BOBJ1	248.89	Before	Interior Girder 4	56.83	0.95	1	1	4.619469
Gravel Truck_str	BOBJ1	248.89	Before	Interior Girder 5	56.83	0.95	1	1	5.379434
Gravel Truck_str	BOBJ1	248.89	Before	Interior Girder 6	56.83	0.95	1	1	5.786105
Gravel Truck_str	BOBJ1	248.89	Before	Right Exterior Girder	56.83	0.95	1	1	9.644452
Annual Permit 1_str	BOBJ1	0	After	Left Exterior Girder	0	0.95	1	1	8.282697
Annual Permit 1_str	BOBJ1	0	After	Interior Girder 1	0	0.95	1	1	5.927117
Annual Permit 1_str	BOBJ1	0	After	Interior Girder 2	0	0.95	1	1	5.664382
Annual Permit 1_str	BOBJ1	0	After	Interior Girder 3	0	0.95	1	1	4.871224
Annual Permit 1_str	BOBJ1	0	After	Interior Girder 4	0	0.95	1	1	4.871224
Annual Permit 1_str	BOBJ1	0	After	Interior Girder 5	0	0.95	1	1	5.664382
Annual Permit 1_str	BOBJ1	0	After	Interior Girder 6	0	0.95	1	1	5.927117
Annual Permit 1_str	BOBJ1	0	After	Right Exterior Girder	0	0.95	1	1	8.282697
Annual Permit 1_str	BOBJ1	5.85	Before	Left Exterior Girder	5.85	0.95	1	1	8.374072
Annual Permit 1_str	BOBJ1	5.85	Before	Interior Girder 1	5.85	0.95	1	1	6.015074
Annual Permit 1_str	BOBJ1	5.85	Before	Interior Girder 2	5.85	0.95	1	1	5.747906
Annual Permit 1_str	BOBJ1	5.85	Before	Interior Girder 3	5.85	0.95	1	1	4.943575
Annual Permit 1_str	BOBJ1	5.85	Before	Interior Girder 4	5.85	0.95	1	1	4.943575
Annual Permit 1_str	BOBJ1	5.85	Before	Interior Girder 5	5.85	0.95	1	1	5.747906
Annual Permit 1_str	BOBJ1	5.85	Before	Interior Girder 6	5.85	0.95	1	1	6.015074
Annual Permit 1_str	BOBJ1	5.85	Before	Right Exterior Girder	5.85	0.95	1	1	8.374072
Annual Permit 1_str	BOBJ1	5.85	After	Left Exterior Girder	5.85	0.95	1	1	10.905925
Annual Permit 1_str	BOBJ1	5.85	After	Interior Girder 1	5.85	0.95	1	1	7.003913
Annual Permit 1_str	BOBJ1	5.85	After	Interior Girder 2	5.85	0.95	1	1	6.581571
Annual Permit 1_str	BOBJ1	5.85	After	Interior Girder 3	5.85	0.95	1	1	5.832776
Annual Permit 1_str	BOBJ1	5.85	After	Interior Girder 4	5.85	0.95	1	1	5.832776
Annual Permit 1_str	BOBJ1	5.85	After	Interior Girder 5	5.85	0.95	1	1	6.581571
Annual Permit 1_str	BOBJ1	5.85	After	Interior Girder 6	5.85	0.95	1	1	7.003913
Annual Permit 1_str	BOBJ1	5.85	After	Right Exterior Girder	5.85	0.95	1	1	10.905925
Annual Permit 1_str	BOBJ1	11.4667	Before	Left Exterior Girder	11.4667	0.95	1	1	11.01791
Annual Permit 1_str	BOBJ1	11.4667	Before	Interior Girder 1	11.4667	0.95	1	1	7.101594
Annual Permit 1_str	BOBJ1	11.4667	Before	Interior Girder 2	11.4667	0.95	1	1	6.673154
Annual Permit 1_str	BOBJ1	11.4667	Before	Interior Girder 3	11.4667	0.95	1	1	5.914065
Annual Permit 1_str	BOBJ1	11.4667	Before	Interior Girder 4	11.4667	0.95	1	1	5.914065
Annual Permit 1_str	BOBJ1	11.4667	Before	Interior Girder 5	11.4667	0.95	1	1	6.673154
Annual Permit 1_str	BOBJ1	11.4667	Before	Interior Girder 6	11.4667	0.95	1	1	7.101594
Annual Permit 1_str	BOBJ1	11.4667	Before	Right Exterior Girder	11.4667	0.95	1	1	11.01791
Annual Permit 1_str	BOBJ1	11.4667	After	Left Exterior Girder	11.4667	0.95	1	1	13.740313
Annual Permit 1_str	BOBJ1	11.4667	After	Interior Girder 1	11.4667	0.95	1	1	9.4066
Annual Permit 1_str	BOBJ1	11.4667	After	Interior Girder 2	11.4667	0.95	1	1	8.896525
Annual Permit 1_str	BOBJ1	11.4667	After	Interior Girder 3	11.4667	0.95	1	1	7.918506
Annual Permit 1_str	BOBJ1	11.4667	After	Interior Girder 4	11.4667	0.95	1	1	7.918506
Annual Permit 1_str	BOBJ1	11.4667	After	Interior Girder 5	11.4667	0.95	1	1	8.896525
Annual Permit 1_str	BOBJ1	11.4667	After	Interior Girder 6	11.4667	0.95	1	1	9.4066
Annual Permit 1_str	BOBJ1	11.4667	After	Right Exterior Girder	11.4667	0.95	1	1	13.740313
Annual Permit 1_str	BOBJ1	17.0833	Before	Left Exterior Girder	17.0833	0.95	1	1	13.877375
Annual Permit 1_str	BOBJ1	17.0833	Before	Interior Girder 1	17.0833	0.95	1	1	9.53544
Annual Permit 1_str	BOBJ1	17.0833	Before	Interior Girder 2	17.0833	0.95	1	1	9.018062
Annual Permit 1_str	BOBJ1	17.0833	Before	Interior Girder 3	17.0833	0.95	1	1	8.026766
Annual Permit 1_str	BOBJ1	17.0833	Before	Interior Girder 4	17.0833	0.95	1	1	8.026766
Annual Permit 1_str	BOBJ1	17.0833	Before	Interior Girder 5	17.0833	0.95	1	1	9.018062
Annual Permit 1_str	BOBJ1	17.0833	Before	Interior Girder 6	17.0833	0.95	1	1	9.53544
Annual Permit 1_str	BOBJ1	17.0833	Before	Right Exterior Girder	17.0833	0.95	1	1	13.877375
Annual Permit 1_str	BOBJ1	17.0833	After	Left Exterior Girder	17.0833	0.95	1	1	17.847989
Annual Permit 1_str	BOBJ1	17.0833	After	Interior Girder 1	17.0833	0.95	1	1	12.807164
Annual Permit 1_str	BOBJ1	17.0833	After	Interior Girder 2	17.0833	0.95	1	1	11.420611
Annual Permit 1_str	BOBJ1	17.0833	After	Interior Girder 3	17.0833	0.95	1	1	9.618402
Annual Permit 1_str	BOBJ1	17.0833	After	Interior Girder 4	17.0833	0.95	1	1	9.618402
Annual Permit 1_str	BOBJ1	17.0833	After	Interior Girder 5	17.0833	0.95	1	1	11.420611
Annual Permit 1_str	BOBJ1	17.0833	After	Interior Girder 6	17.0833	0.95	1	1	12.807164

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Approach, Span 12-1									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Annual Permit 1_str	BOBJ1	17.0833	After	Right Exterior Girder	17.0833	0.95	1	1	17.847989
Annual Permit 1_str	BOBJ1	22.7	Before	Left Exterior Girder	22.7	0.95	1	1	18.021158
Annual Permit 1_str	BOBJ1	22.7	Before	Interior Girder 1	22.7	0.95	1	1	12.719569
Annual Permit 1_str	BOBJ1	22.7	Before	Interior Girder 2	22.7	0.95	1	1	11.271053
Annual Permit 1_str	BOBJ1	22.7	Before	Interior Girder 3	22.7	0.95	1	1	9.492499
Annual Permit 1_str	BOBJ1	22.7	Before	Interior Girder 4	22.7	0.95	1	1	9.492499
Annual Permit 1_str	BOBJ1	22.7	Before	Interior Girder 5	22.7	0.95	1	1	11.271053
Annual Permit 1_str	BOBJ1	22.7	Before	Interior Girder 6	22.7	0.95	1	1	12.719569
Annual Permit 1_str	BOBJ1	22.7	Before	Right Exterior Girder	22.7	0.95	1	1	18.021158
Annual Permit 1_str	BOBJ1	22.7	After	Left Exterior Girder	22.7	0.95	1	1	19.015628
Annual Permit 1_str	BOBJ1	22.7	After	Interior Girder 1	22.7	0.95	1	1	12.149701
Annual Permit 1_str	BOBJ1	22.7	After	Interior Girder 2	22.7	0.95	1	1	11.157853
Annual Permit 1_str	BOBJ1	22.7	After	Interior Girder 3	22.7	0.95	1	1	9.598914
Annual Permit 1_str	BOBJ1	22.7	After	Interior Girder 4	22.7	0.95	1	1	9.598914
Annual Permit 1_str	BOBJ1	22.7	After	Interior Girder 5	22.7	0.95	1	1	11.157853
Annual Permit 1_str	BOBJ1	22.7	After	Interior Girder 6	22.7	0.95	1	1	12.149701
Annual Permit 1_str	BOBJ1	22.7	After	Right Exterior Girder	22.7	0.95	1	1	19.015628
Annual Permit 1_str	BOBJ1	28.3167	Before	Left Exterior Girder	28.3167	0.95	1	1	18.829991
Annual Permit 1_str	BOBJ1	28.3167	Before	Interior Girder 1	28.3167	0.95	1	1	11.987123
Annual Permit 1_str	BOBJ1	28.3167	Before	Interior Girder 2	28.3167	0.95	1	1	11.009109
Annual Permit 1_str	BOBJ1	28.3167	Before	Interior Girder 3	28.3167	0.95	1	1	9.470868
Annual Permit 1_str	BOBJ1	28.3167	Before	Interior Girder 4	28.3167	0.95	1	1	9.470868
Annual Permit 1_str	BOBJ1	28.3167	Before	Interior Girder 5	28.3167	0.95	1	1	11.009109
Annual Permit 1_str	BOBJ1	28.3167	Before	Interior Girder 6	28.3167	0.95	1	1	11.987123
Annual Permit 1_str	BOBJ1	28.3167	Before	Right Exterior Girder	28.3167	0.95	1	1	18.829991
Annual Permit 1_str	BOBJ1	28.3167	After	Left Exterior Girder	28.3167	0.95	1	1	13.500747
Annual Permit 1_str	BOBJ1	28.3167	After	Interior Girder 1	28.3167	0.95	1	1	8.856388
Annual Permit 1_str	BOBJ1	28.3167	After	Interior Girder 2	28.3167	0.95	1	1	8.168332
Annual Permit 1_str	BOBJ1	28.3167	After	Interior Girder 3	28.3167	0.95	1	1	7.087469
Annual Permit 1_str	BOBJ1	28.3167	After	Interior Girder 4	28.3167	0.95	1	1	7.087469
Annual Permit 1_str	BOBJ1	28.3167	After	Interior Girder 5	28.3167	0.95	1	1	8.168332
Annual Permit 1_str	BOBJ1	28.3167	After	Interior Girder 6	28.3167	0.95	1	1	8.856388
Annual Permit 1_str	BOBJ1	28.3167	After	Right Exterior Girder	28.3167	0.95	1	1	13.500747
Annual Permit 1_str	BOBJ1	33.9333	Before	Left Exterior Girder	33.9333	0.95	1	1	13.365204
Annual Permit 1_str	BOBJ1	33.9333	Before	Interior Girder 1	33.9333	0.95	1	1	8.735729
Annual Permit 1_str	BOBJ1	33.9333	Before	Interior Girder 2	33.9333	0.95	1	1	8.057449
Annual Permit 1_str	BOBJ1	33.9333	Before	Interior Girder 3	33.9333	0.95	1	1	6.991154
Annual Permit 1_str	BOBJ1	33.9333	Before	Interior Girder 4	33.9333	0.95	1	1	6.991154
Annual Permit 1_str	BOBJ1	33.9333	Before	Interior Girder 5	33.9333	0.95	1	1	8.057449
Annual Permit 1_str	BOBJ1	33.9333	Before	Interior Girder 6	33.9333	0.95	1	1	8.735729
Annual Permit 1_str	BOBJ1	33.9333	Before	Right Exterior Girder	33.9333	0.95	1	1	13.365204
Annual Permit 1_str	BOBJ1	33.9333	After	Left Exterior Girder	33.9333	0.95	1	1	10.425228
Annual Permit 1_str	BOBJ1	33.9333	After	Interior Girder 1	33.9333	0.95	1	1	6.671005
Annual Permit 1_str	BOBJ1	33.9333	After	Interior Girder 2	33.9333	0.95	1	1	6.160094
Annual Permit 1_str	BOBJ1	33.9333	After	Interior Girder 3	33.9333	0.95	1	1	5.34119
Annual Permit 1_str	BOBJ1	33.9333	After	Interior Girder 4	33.9333	0.95	1	1	5.34119
Annual Permit 1_str	BOBJ1	33.9333	After	Interior Girder 5	33.9333	0.95	1	1	6.160094
Annual Permit 1_str	BOBJ1	33.9333	After	Interior Girder 6	33.9333	0.95	1	1	6.671005
Annual Permit 1_str	BOBJ1	33.9333	After	Right Exterior Girder	33.9333	0.95	1	1	10.425228
Annual Permit 1_str	BOBJ1	39.55	Before	Left Exterior Girder	39.55	0.95	1	1	10.317447
Annual Permit 1_str	BOBJ1	39.55	Before	Interior Girder 1	39.55	0.95	1	1	6.578492
Annual Permit 1_str	BOBJ1	39.55	Before	Interior Girder 2	39.55	0.95	1	1	6.074938
Annual Permit 1_str	BOBJ1	39.55	Before	Interior Girder 3	39.55	0.95	1	1	5.267194
Annual Permit 1_str	BOBJ1	39.55	Before	Interior Girder 4	39.55	0.95	1	1	5.267194
Annual Permit 1_str	BOBJ1	39.55	Before	Interior Girder 5	39.55	0.95	1	1	6.074938
Annual Permit 1_str	BOBJ1	39.55	Before	Interior Girder 6	39.55	0.95	1	1	6.578492
Annual Permit 1_str	BOBJ1	39.55	Before	Right Exterior Girder	39.55	0.95	1	1	10.317447
Annual Permit 1_str	BOBJ1	39.55	After	Left Exterior Girder	39.55	0.95	1	1	7.512219
Annual Permit 1_str	BOBJ1	39.55	After	Interior Girder 1	39.55	0.95	1	1	6.102639
Annual Permit 1_str	BOBJ1	39.55	After	Interior Girder 2	39.55	0.95	1	1	5.817598
Annual Permit 1_str	BOBJ1	39.55	After	Interior Girder 3	39.55	0.95	1	1	4.948844
Annual Permit 1_str	BOBJ1	39.55	After	Interior Girder 4	39.55	0.95	1	1	4.948844
Annual Permit 1_str	BOBJ1	39.55	After	Interior Girder 5	39.55	0.95	1	1	5.817598
Annual Permit 1_str	BOBJ1	39.55	After	Interior Girder 6	39.55	0.95	1	1	6.102639
Annual Permit 1_str	BOBJ1	39.55	After	Right Exterior Girder	39.55	0.95	1	1	7.512219

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Approach, Span 12-1									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Annual Permit 1_str	BOBJ1	45.1733	Before	Left Exterior Girder	45.1226	0.95	1	1	7.432077
Annual Permit 1_str	BOBJ1	45.1733	Before	Interior Girder 1	45.1226	0.95	1	1	6.01619
Annual Permit 1_str	BOBJ1	45.1733	Before	Interior Girder 2	45.1226	0.95	1	1	5.735802
Annual Permit 1_str	BOBJ1	45.1733	Before	Interior Girder 3	45.1226	0.95	1	1	4.878567
Annual Permit 1_str	BOBJ1	45.1733	Before	Interior Girder 4	45.1226	0.95	1	1	4.878567
Annual Permit 1_str	BOBJ1	45.1733	Before	Interior Girder 5	45.1226	0.95	1	1	5.735802
Annual Permit 1_str	BOBJ1	45.1733	Before	Interior Girder 6	45.1226	0.95	1	1	6.01619
Annual Permit 1_str	BOBJ1	45.1733	Before	Right Exterior Girder	45.1226	0.95	1	1	7.432077
Annual Permit 1_str	BOBJ1	45.1733	After	Left Exterior Girder	45.1226	0.95	1	1	5.342539
Annual Permit 1_str	BOBJ1	45.1733	After	Interior Girder 1	45.1226	0.95	1	1	4.155917
Annual Permit 1_str	BOBJ1	45.1733	After	Interior Girder 2	45.1226	0.95	1	1	3.911822
Annual Permit 1_str	BOBJ1	45.1733	After	Interior Girder 3	45.1226	0.95	1	1	3.272739
Annual Permit 1_str	BOBJ1	45.1733	After	Interior Girder 4	45.1226	0.95	1	1	3.272739
Annual Permit 1_str	BOBJ1	45.1733	After	Interior Girder 5	45.1226	0.95	1	1	3.911822
Annual Permit 1_str	BOBJ1	45.1733	After	Interior Girder 6	45.1226	0.95	1	1	4.155917
Annual Permit 1_str	BOBJ1	45.1733	After	Right Exterior Girder	45.1226	0.95	1	1	5.342539
Annual Permit 1_str	BOBJ1	49.2561	Before	Left Exterior Girder	49.2561	0.95	1	1	5.293125
Annual Permit 1_str	BOBJ1	49.2561	Before	Right Exterior Girder	49.2561	0.95	1	1	5.293125
Annual Permit 1_str	BOBJ1	49.2561	After	Left Exterior Girder	49.2561	0.95	1	1	4.772474
Annual Permit 1_str	BOBJ1	49.2561	After	Right Exterior Girder	49.2561	0.95	1	1	4.772474
Annual Permit 1_str	BOBJ1	50.7967	Before	Left Exterior Girder	50.7967	0.95	1	1	4.753679
Annual Permit 1_str	BOBJ1	50.7967	Before	Interior Girder 1	50.7967	0.95	1	1	3.403597
Annual Permit 1_str	BOBJ1	50.7967	Before	Interior Girder 2	50.7967	0.95	1	1	3.84751
Annual Permit 1_str	BOBJ1	50.7967	Before	Interior Girder 3	50.7967	0.95	1	1	3.21811
Annual Permit 1_str	BOBJ1	50.7967	Before	Interior Girder 4	50.7967	0.95	1	1	3.21811
Annual Permit 1_str	BOBJ1	50.7967	Before	Interior Girder 5	50.7967	0.95	1	1	3.84751
Annual Permit 1_str	BOBJ1	50.7967	Before	Interior Girder 6	50.7967	0.95	1	1	3.403597
Annual Permit 1_str	BOBJ1	50.7967	Before	Right Exterior Girder	50.7967	0.95	1	1	4.753679
Annual Permit 1_str	BOBJ1	50.7967	After	Left Exterior Girder	50.7967	0.95	1	1	4.944027
Annual Permit 1_str	BOBJ1	50.7967	After	Interior Girder 1	50.7967	0.95	1	1	2.887323
Annual Permit 1_str	BOBJ1	50.7967	After	Interior Girder 2	50.7967	0.95	1	1	2.993472
Annual Permit 1_str	BOBJ1	50.7967	After	Interior Girder 3	50.7967	0.95	1	1	2.409958
Annual Permit 1_str	BOBJ1	50.7967	After	Interior Girder 4	50.7967	0.95	1	1	2.409958
Annual Permit 1_str	BOBJ1	50.7967	After	Interior Girder 5	50.7967	0.95	1	1	2.993472
Annual Permit 1_str	BOBJ1	50.7967	After	Interior Girder 6	50.7967	0.95	1	1	2.887323
Annual Permit 1_str	BOBJ1	50.7967	After	Right Exterior Girder	50.7967	0.95	1	1	4.944027
Annual Permit 1_str	BOBJ1	51.3989	Before	Interior Girder 1	51.3989	0.95	1	1	2.881972
Annual Permit 1_str	BOBJ1	51.3989	Before	Interior Girder 2	51.3989	0.95	1	1	2.988101
Annual Permit 1_str	BOBJ1	51.3989	Before	Interior Girder 3	51.3989	0.95	1	1	2.405549
Annual Permit 1_str	BOBJ1	51.3989	Before	Interior Girder 4	51.3989	0.95	1	1	2.405549
Annual Permit 1_str	BOBJ1	51.3989	Before	Interior Girder 5	51.3989	0.95	1	1	2.988101
Annual Permit 1_str	BOBJ1	51.3989	Before	Interior Girder 6	51.3989	0.95	1	1	2.881972
Annual Permit 1_str	BOBJ1	51.3989	After	Interior Girder 1	51.3989	0.95	1	1	3.376301
Annual Permit 1_str	BOBJ1	51.3989	After	Interior Girder 2	51.3989	0.95	1	1	3.166046
Annual Permit 1_str	BOBJ1	51.3989	After	Interior Girder 3	51.3989	0.95	1	1	2.571761
Annual Permit 1_str	BOBJ1	51.3989	After	Interior Girder 4	51.3989	0.95	1	1	2.571761
Annual Permit 1_str	BOBJ1	51.3989	After	Interior Girder 5	51.3989	0.95	1	1	3.166046
Annual Permit 1_str	BOBJ1	51.3989	After	Interior Girder 6	51.3989	0.95	1	1	3.376301
Annual Permit 1_str	BOBJ1	56.42	Before	Left Exterior Girder	56.42	0.95	1	1	4.774453
Annual Permit 1_str	BOBJ1	56.42	Before	Interior Girder 1	56.42	0.95	1	1	3.322699
Annual Permit 1_str	BOBJ1	56.42	Before	Interior Girder 2	56.42	0.95	1	1	3.116191
Annual Permit 1_str	BOBJ1	56.42	Before	Interior Girder 3	56.42	0.95	1	1	2.530395
Annual Permit 1_str	BOBJ1	56.42	Before	Interior Girder 4	56.42	0.95	1	1	2.530395
Annual Permit 1_str	BOBJ1	56.42	Before	Interior Girder 5	56.42	0.95	1	1	3.116191
Annual Permit 1_str	BOBJ1	56.42	Before	Interior Girder 6	56.42	0.95	1	1	3.322699
Annual Permit 1_str	BOBJ1	56.42	Before	Right Exterior Girder	56.42	0.95	1	1	4.774453
Annual Permit 1_str	BOBJ1	56.42	After	Left Exterior Girder	0	0.95	1	1	4.845017
Annual Permit 1_str	BOBJ1	56.42	After	Interior Girder 1	0	0.95	1	1	3.419954
Annual Permit 1_str	BOBJ1	56.42	After	Interior Girder 2	0	0.95	1	1	3.207168
Annual Permit 1_str	BOBJ1	56.42	After	Interior Girder 3	0	0.95	1	1	2.60334
Annual Permit 1_str	BOBJ1	56.42	After	Interior Girder 4	0	0.95	1	1	2.60334
Annual Permit 1_str	BOBJ1	56.42	After	Interior Girder 5	0	0.95	1	1	3.207168
Annual Permit 1_str	BOBJ1	56.42	After	Interior Girder 6	0	0.95	1	1	3.419954
Annual Permit 1_str	BOBJ1	56.42	After	Right Exterior Girder	0	0.95	1	1	4.845017
Annual Permit 1_str	BOBJ1	62.0367	Before	Left Exterior Girder	5.6167	0.95	1	1	4.918702

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Approach, Span 12-1									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Annual Permit 1_str	BOBJ1	62.0367	Before	Interior Girder 1	5.6167	0.95	1	1	3.481077
Annual Permit 1_str	BOBJ1	62.0367	Before	Interior Girder 2	5.6167	0.95	1	1	3.264067
Annual Permit 1_str	BOBJ1	62.0367	Before	Interior Girder 3	5.6167	0.95	1	1	2.65054
Annual Permit 1_str	BOBJ1	62.0367	Before	Interior Girder 4	5.6167	0.95	1	1	2.65054
Annual Permit 1_str	BOBJ1	62.0367	Before	Interior Girder 5	5.6167	0.95	1	1	3.264067
Annual Permit 1_str	BOBJ1	62.0367	Before	Interior Girder 6	5.6167	0.95	1	1	3.481077
Annual Permit 1_str	BOBJ1	62.0367	Before	Right Exterior Girder	5.6167	0.95	1	1	4.918702
Annual Permit 1_str	BOBJ1	62.0367	After	Left Exterior Girder	5.6167	0.95	1	1	6.945309
Annual Permit 1_str	BOBJ1	62.0367	After	Interior Girder 1	5.6167	0.95	1	1	3.295497
Annual Permit 1_str	BOBJ1	62.0367	After	Interior Girder 2	5.6167	0.95	1	1	3.674487
Annual Permit 1_str	BOBJ1	62.0367	After	Interior Girder 3	5.6167	0.95	1	1	3.033002
Annual Permit 1_str	BOBJ1	62.0367	After	Interior Girder 4	5.6167	0.95	1	1	3.033002
Annual Permit 1_str	BOBJ1	62.0367	After	Interior Girder 5	5.6167	0.95	1	1	3.674487
Annual Permit 1_str	BOBJ1	62.0367	After	Interior Girder 6	5.6167	0.95	1	1	3.295497
Annual Permit 1_str	BOBJ1	62.0367	After	Right Exterior Girder	5.6167	0.95	1	1	6.945309
Annual Permit 1_str	BOBJ1	62.4203	Before	Interior Girder 1	6.0003	0.95	1	1	3.299532
Annual Permit 1_str	BOBJ1	62.4203	Before	Interior Girder 2	6.0003	0.95	1	1	3.678854
Annual Permit 1_str	BOBJ1	62.4203	Before	Interior Girder 3	6.0003	0.95	1	1	3.036678
Annual Permit 1_str	BOBJ1	62.4203	Before	Interior Girder 4	6.0003	0.95	1	1	3.036678
Annual Permit 1_str	BOBJ1	62.4203	Before	Interior Girder 5	6.0003	0.95	1	1	3.678854
Annual Permit 1_str	BOBJ1	62.4203	Before	Interior Girder 6	6.0003	0.95	1	1	3.299532
Annual Permit 1_str	BOBJ1	62.4203	After	Interior Girder 1	6.0003	0.95	1	1	3.310716
Annual Permit 1_str	BOBJ1	62.4203	After	Interior Girder 2	6.0003	0.95	1	1	3.958234
Annual Permit 1_str	BOBJ1	62.4203	After	Interior Girder 3	6.0003	0.95	1	1	3.307011
Annual Permit 1_str	BOBJ1	62.4203	After	Interior Girder 4	6.0003	0.95	1	1	3.307011
Annual Permit 1_str	BOBJ1	62.4203	After	Interior Girder 5	6.0003	0.95	1	1	3.958234
Annual Permit 1_str	BOBJ1	62.4203	After	Interior Girder 6	6.0003	0.95	1	1	3.310716
Annual Permit 1_str	BOBJ1	64.9204	Before	Left Exterior Girder	8.5004	0.95	1	1	5.231609
Annual Permit 1_str	BOBJ1	64.9204	Before	Right Exterior Girder	8.5004	0.95	1	1	5.231609
Annual Permit 1_str	BOBJ1	64.9204	After	Left Exterior Girder	8.5004	0.95	1	1	5.294208
Annual Permit 1_str	BOBJ1	64.9204	After	Right Exterior Girder	8.5004	0.95	1	1	5.294208
Annual Permit 1_str	BOBJ1	67.6533	Before	Left Exterior Girder	11.2333	0.95	1	1	5.326442
Annual Permit 1_str	BOBJ1	67.6533	Before	Interior Girder 1	11.2333	0.95	1	1	4.315674
Annual Permit 1_str	BOBJ1	67.6533	Before	Interior Girder 2	11.2333	0.95	1	1	4.019208
Annual Permit 1_str	BOBJ1	67.6533	Before	Interior Girder 3	11.2333	0.95	1	1	3.358766
Annual Permit 1_str	BOBJ1	67.6533	Before	Interior Girder 4	11.2333	0.95	1	1	3.358766
Annual Permit 1_str	BOBJ1	67.6533	Before	Interior Girder 5	11.2333	0.95	1	1	4.019208
Annual Permit 1_str	BOBJ1	67.6533	Before	Interior Girder 6	11.2333	0.95	1	1	4.315674
Annual Permit 1_str	BOBJ1	67.6533	Before	Right Exterior Girder	11.2333	0.95	1	1	5.326442
Annual Permit 1_str	BOBJ1	67.6533	After	Left Exterior Girder	11.2333	0.95	1	1	6.116592
Annual Permit 1_str	BOBJ1	67.6533	After	Interior Girder 1	11.2333	0.95	1	1	5.122635
Annual Permit 1_str	BOBJ1	67.6533	After	Interior Girder 2	11.2333	0.95	1	1	4.94179
Annual Permit 1_str	BOBJ1	67.6533	After	Interior Girder 3	11.2333	0.95	1	1	4.203609
Annual Permit 1_str	BOBJ1	67.6533	After	Interior Girder 4	11.2333	0.95	1	1	4.203609
Annual Permit 1_str	BOBJ1	67.6533	After	Interior Girder 5	11.2333	0.95	1	1	4.94179
Annual Permit 1_str	BOBJ1	67.6533	After	Interior Girder 6	11.2333	0.95	1	1	5.122635
Annual Permit 1_str	BOBJ1	67.6533	After	Right Exterior Girder	11.2333	0.95	1	1	6.116592
Annual Permit 1_str	BOBJ1	73.27	Before	Left Exterior Girder	16.85	0.95	1	1	6.190812
Annual Permit 1_str	BOBJ1	73.27	Before	Interior Girder 1	16.85	0.95	1	1	5.206343
Annual Permit 1_str	BOBJ1	73.27	Before	Interior Girder 2	16.85	0.95	1	1	5.021899
Annual Permit 1_str	BOBJ1	73.27	Before	Interior Girder 3	16.85	0.95	1	1	4.272609
Annual Permit 1_str	BOBJ1	73.27	Before	Interior Girder 4	16.85	0.95	1	1	4.272609
Annual Permit 1_str	BOBJ1	73.27	Before	Interior Girder 5	16.85	0.95	1	1	5.021899
Annual Permit 1_str	BOBJ1	73.27	Before	Interior Girder 6	16.85	0.95	1	1	5.206343
Annual Permit 1_str	BOBJ1	73.27	Before	Right Exterior Girder	16.85	0.95	1	1	6.190812
Annual Permit 1_str	BOBJ1	73.27	After	Left Exterior Girder	16.85	0.95	1	1	8.235367
Annual Permit 1_str	BOBJ1	73.27	After	Interior Girder 1	16.85	0.95	1	1	5.530579
Annual Permit 1_str	BOBJ1	73.27	After	Interior Girder 2	16.85	0.95	1	1	5.177581
Annual Permit 1_str	BOBJ1	73.27	After	Interior Girder 3	16.85	0.95	1	1	4.522823
Annual Permit 1_str	BOBJ1	73.27	After	Interior Girder 4	16.85	0.95	1	1	4.522823
Annual Permit 1_str	BOBJ1	73.27	After	Interior Girder 5	16.85	0.95	1	1	5.177581
Annual Permit 1_str	BOBJ1	73.27	After	Interior Girder 6	16.85	0.95	1	1	5.530579
Annual Permit 1_str	BOBJ1	73.27	After	Right Exterior Girder	16.85	0.95	1	1	8.235367
Annual Permit 1_str	BOBJ1	78.8867	Before	Left Exterior Girder	22.4667	0.95	1	1	8.331744
Annual Permit 1_str	BOBJ1	78.8867	Before	Interior Girder 1	22.4667	0.95	1	1	5.618884

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Approach, Span 12-1									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Annual Permit 1_str	BOBJ1	78.8867	Before	Interior Girder 2	22.4667	0.95	1	1	5.260022
Annual Permit 1_str	BOBJ1	78.8867	Before	Interior Girder 3	22.4667	0.95	1	1	4.595046
Annual Permit 1_str	BOBJ1	78.8867	Before	Interior Girder 4	22.4667	0.95	1	1	4.595046
Annual Permit 1_str	BOBJ1	78.8867	Before	Interior Girder 5	22.4667	0.95	1	1	5.260022
Annual Permit 1_str	BOBJ1	78.8867	Before	Interior Girder 6	22.4667	0.95	1	1	5.618884
Annual Permit 1_str	BOBJ1	78.8867	Before	Right Exterior Girder	22.4667	0.95	1	1	8.331744
Annual Permit 1_str	BOBJ1	78.8867	After	Left Exterior Girder	22.4667	0.95	1	1	10.462226
Annual Permit 1_str	BOBJ1	78.8867	After	Interior Girder 1	22.4667	0.95	1	1	7.338776
Annual Permit 1_str	BOBJ1	78.8867	After	Interior Girder 2	22.4667	0.95	1	1	6.895927
Annual Permit 1_str	BOBJ1	78.8867	After	Interior Girder 3	22.4667	0.95	1	1	6.065476
Annual Permit 1_str	BOBJ1	78.8867	After	Interior Girder 4	22.4667	0.95	1	1	6.065476
Annual Permit 1_str	BOBJ1	78.8867	After	Interior Girder 5	22.4667	0.95	1	1	6.895927
Annual Permit 1_str	BOBJ1	78.8867	After	Interior Girder 6	22.4667	0.95	1	1	7.338776
Annual Permit 1_str	BOBJ1	78.8867	After	Right Exterior Girder	22.4667	0.95	1	1	10.462226
Annual Permit 1_str	BOBJ1	84.5033	Before	Left Exterior Girder	28.0833	0.95	1	1	10.580518
Annual Permit 1_str	BOBJ1	84.5033	Before	Interior Girder 1	28.0833	0.95	1	1	7.453575
Annual Permit 1_str	BOBJ1	84.5033	Before	Interior Girder 2	28.0833	0.95	1	1	7.003436
Annual Permit 1_str	BOBJ1	84.5033	Before	Interior Girder 3	28.0833	0.95	1	1	6.160187
Annual Permit 1_str	BOBJ1	84.5033	Before	Interior Girder 4	28.0833	0.95	1	1	6.160187
Annual Permit 1_str	BOBJ1	84.5033	Before	Interior Girder 5	28.0833	0.95	1	1	7.003436
Annual Permit 1_str	BOBJ1	84.5033	Before	Interior Girder 6	28.0833	0.95	1	1	7.453575
Annual Permit 1_str	BOBJ1	84.5033	Before	Right Exterior Girder	28.0833	0.95	1	1	10.580518
Annual Permit 1_str	BOBJ1	84.5033	After	Left Exterior Girder	28.0833	0.95	1	1	13.711698
Annual Permit 1_str	BOBJ1	84.5033	After	Interior Girder 1	28.0833	0.95	1	1	9.762506
Annual Permit 1_str	BOBJ1	84.5033	After	Interior Girder 2	28.0833	0.95	1	1	8.932474
Annual Permit 1_str	BOBJ1	84.5033	After	Interior Girder 3	28.0833	0.95	1	1	7.642188
Annual Permit 1_str	BOBJ1	84.5033	After	Interior Girder 4	28.0833	0.95	1	1	7.642188
Annual Permit 1_str	BOBJ1	84.5033	After	Interior Girder 5	28.0833	0.95	1	1	8.932474
Annual Permit 1_str	BOBJ1	84.5033	After	Interior Girder 6	28.0833	0.95	1	1	9.762506
Annual Permit 1_str	BOBJ1	84.5033	After	Right Exterior Girder	28.0833	0.95	1	1	13.711698
Annual Permit 1_str	BOBJ1	90.12	Before	Left Exterior Girder	33.7	0.95	1	1	13.861725
Annual Permit 1_str	BOBJ1	90.12	Before	Interior Girder 1	33.7	0.95	1	1	9.912101
Annual Permit 1_str	BOBJ1	90.12	Before	Interior Girder 2	33.7	0.95	1	1	8.800701
Annual Permit 1_str	BOBJ1	90.12	Before	Interior Girder 3	33.7	0.95	1	1	7.529554
Annual Permit 1_str	BOBJ1	90.12	Before	Interior Girder 4	33.7	0.95	1	1	7.529554
Annual Permit 1_str	BOBJ1	90.12	Before	Interior Girder 5	33.7	0.95	1	1	8.800701
Annual Permit 1_str	BOBJ1	90.12	Before	Interior Girder 6	33.7	0.95	1	1	9.912101
Annual Permit 1_str	BOBJ1	90.12	Before	Right Exterior Girder	33.7	0.95	1	1	13.861725
Annual Permit 1_str	BOBJ1	90.12	After	Left Exterior Girder	33.7	0.95	1	1	14.046478
Annual Permit 1_str	BOBJ1	90.12	After	Interior Girder 1	33.7	0.95	1	1	9.882718
Annual Permit 1_str	BOBJ1	90.12	After	Interior Girder 2	33.7	0.95	1	1	8.822984
Annual Permit 1_str	BOBJ1	90.12	After	Interior Girder 3	33.7	0.95	1	1	7.555207
Annual Permit 1_str	BOBJ1	90.12	After	Interior Girder 4	33.7	0.95	1	1	7.555207
Annual Permit 1_str	BOBJ1	90.12	After	Interior Girder 5	33.7	0.95	1	1	8.822984
Annual Permit 1_str	BOBJ1	90.12	After	Interior Girder 6	33.7	0.95	1	1	9.882718
Annual Permit 1_str	BOBJ1	90.12	After	Right Exterior Girder	33.7	0.95	1	1	14.046478
Annual Permit 1_str	BOBJ1	95.7367	Before	Left Exterior Girder	39.3167	0.95	1	1	13.89448
Annual Permit 1_str	BOBJ1	95.7367	Before	Interior Girder 1	39.3167	0.95	1	1	9.733506
Annual Permit 1_str	BOBJ1	95.7367	Before	Interior Girder 2	39.3167	0.95	1	1	8.955008
Annual Permit 1_str	BOBJ1	95.7367	Before	Interior Girder 3	39.3167	0.95	1	1	7.668138
Annual Permit 1_str	BOBJ1	95.7367	Before	Interior Girder 4	39.3167	0.95	1	1	7.668138
Annual Permit 1_str	BOBJ1	95.7367	Before	Interior Girder 5	39.3167	0.95	1	1	8.955009
Annual Permit 1_str	BOBJ1	95.7367	Before	Interior Girder 6	39.3167	0.95	1	1	9.733506
Annual Permit 1_str	BOBJ1	95.7367	Before	Right Exterior Girder	39.3167	0.95	1	1	13.89448
Annual Permit 1_str	BOBJ1	95.7367	After	Left Exterior Girder	39.3167	0.95	1	1	10.739964
Annual Permit 1_str	BOBJ1	95.7367	After	Interior Girder 1	39.3167	0.95	1	1	7.437247
Annual Permit 1_str	BOBJ1	95.7367	After	Interior Girder 2	39.3167	0.95	1	1	6.981142
Annual Permit 1_str	BOBJ1	95.7367	After	Interior Girder 3	39.3167	0.95	1	1	6.11074
Annual Permit 1_str	BOBJ1	95.7367	After	Interior Girder 4	39.3167	0.95	1	1	6.11074
Annual Permit 1_str	BOBJ1	95.7367	After	Interior Girder 5	39.3167	0.95	1	1	6.981142
Annual Permit 1_str	BOBJ1	95.7367	After	Interior Girder 6	39.3167	0.95	1	1	7.437247
Annual Permit 1_str	BOBJ1	95.7367	After	Right Exterior Girder	39.3167	0.95	1	1	10.739964
Annual Permit 1_str	BOBJ1	101.3533	Before	Left Exterior Girder	44.9333	0.95	1	1	10.619913
Annual Permit 1_str	BOBJ1	101.3533	Before	Interior Girder 1	44.9333	0.95	1	1	7.322653
Annual Permit 1_str	BOBJ1	101.3533	Before	Interior Girder 2	44.9333	0.95	1	1	6.873906

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Approach, Span 12-1									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Annual Permit 1_str	BOBJ1	101.3533	Before	Interior Girder 3	44.9333	0.95	1	1	6.016715
Annual Permit 1_str	BOBJ1	101.3533	Before	Interior Girder 4	44.9333	0.95	1	1	6.016715
Annual Permit 1_str	BOBJ1	101.3533	Before	Interior Girder 5	44.9333	0.95	1	1	6.873906
Annual Permit 1_str	BOBJ1	101.3533	Before	Interior Girder 6	44.9333	0.95	1	1	7.322653
Annual Permit 1_str	BOBJ1	101.3533	Before	Right Exterior Girder	44.9333	0.95	1	1	10.619913
Annual Permit 1_str	BOBJ1	101.3533	After	Left Exterior Girder	44.9333	0.95	1	1	8.388888
Annual Permit 1_str	BOBJ1	101.3533	After	Interior Girder 1	44.9333	0.95	1	1	5.610906
Annual Permit 1_str	BOBJ1	101.3533	After	Interior Girder 2	44.9333	0.95	1	1	5.248135
Annual Permit 1_str	BOBJ1	101.3533	After	Interior Girder 3	44.9333	0.95	1	1	4.577259
Annual Permit 1_str	BOBJ1	101.3533	After	Interior Girder 4	44.9333	0.95	1	1	4.577259
Annual Permit 1_str	BOBJ1	101.3533	After	Interior Girder 5	44.9333	0.95	1	1	5.248135
Annual Permit 1_str	BOBJ1	101.3533	After	Interior Girder 6	44.9333	0.95	1	1	5.610906
Annual Permit 1_str	BOBJ1	101.3533	After	Right Exterior Girder	44.9333	0.95	1	1	8.388888
Annual Permit 1_str	BOBJ1	106.97	Before	Left Exterior Girder	50.55	0.95	1	1	8.291872
Annual Permit 1_str	BOBJ1	106.97	Before	Interior Girder 1	50.55	0.95	1	1	5.522691
Annual Permit 1_str	BOBJ1	106.97	Before	Interior Girder 2	50.55	0.95	1	1	5.165824
Annual Permit 1_str	BOBJ1	106.97	Before	Interior Girder 3	50.55	0.95	1	1	4.505258
Annual Permit 1_str	BOBJ1	106.97	Before	Interior Girder 4	50.55	0.95	1	1	4.505258
Annual Permit 1_str	BOBJ1	106.97	Before	Interior Girder 5	50.55	0.95	1	1	5.165824
Annual Permit 1_str	BOBJ1	106.97	Before	Interior Girder 6	50.55	0.95	1	1	5.522691
Annual Permit 1_str	BOBJ1	106.97	Before	Right Exterior Girder	50.55	0.95	1	1	8.291872
Annual Permit 1_str	BOBJ1	106.97	After	Left Exterior Girder	50.55	0.95	1	1	6.192759
Annual Permit 1_str	BOBJ1	106.97	After	Interior Girder 1	50.55	0.95	1	1	5.196595
Annual Permit 1_str	BOBJ1	106.97	After	Interior Girder 2	50.55	0.95	1	1	5.000157
Annual Permit 1_str	BOBJ1	106.97	After	Interior Girder 3	50.55	0.95	1	1	4.25676
Annual Permit 1_str	BOBJ1	106.97	After	Interior Girder 4	50.55	0.95	1	1	4.25676
Annual Permit 1_str	BOBJ1	106.97	After	Interior Girder 5	50.55	0.95	1	1	5.000157
Annual Permit 1_str	BOBJ1	106.97	After	Interior Girder 6	50.55	0.95	1	1	5.196595
Annual Permit 1_str	BOBJ1	106.97	After	Right Exterior Girder	50.55	0.95	1	1	6.192759
Annual Permit 1_str	BOBJ1	112.5933	Before	Left Exterior Girder	56.1733	0.95	1	1	6.118453
Annual Permit 1_str	BOBJ1	112.5933	Before	Interior Girder 1	56.1733	0.95	1	1	5.112913
Annual Permit 1_str	BOBJ1	112.5933	Before	Interior Girder 2	56.1733	0.95	1	1	4.920226
Annual Permit 1_str	BOBJ1	112.5933	Before	Interior Girder 3	56.1733	0.95	1	1	4.187882
Annual Permit 1_str	BOBJ1	112.5933	Before	Interior Girder 4	56.1733	0.95	1	1	4.187882
Annual Permit 1_str	BOBJ1	112.5933	Before	Interior Girder 5	56.1733	0.95	1	1	4.920226
Annual Permit 1_str	BOBJ1	112.5933	Before	Interior Girder 6	56.1733	0.95	1	1	5.112913
Annual Permit 1_str	BOBJ1	112.5933	Before	Right Exterior Girder	56.1733	0.95	1	1	6.118453
Annual Permit 1_str	BOBJ1	112.5933	After	Left Exterior Girder	56.1733	0.95	1	1	5.310845
Annual Permit 1_str	BOBJ1	112.5933	After	Interior Girder 1	56.1733	0.95	1	1	4.274524
Annual Permit 1_str	BOBJ1	112.5933	After	Interior Girder 2	56.1733	0.95	1	1	3.991765
Annual Permit 1_str	BOBJ1	112.5933	After	Interior Girder 3	56.1733	0.95	1	1	3.341319
Annual Permit 1_str	BOBJ1	112.5933	After	Interior Girder 4	56.1733	0.95	1	1	3.341319
Annual Permit 1_str	BOBJ1	112.5933	After	Interior Girder 5	56.1733	0.95	1	1	3.991765
Annual Permit 1_str	BOBJ1	112.5933	After	Interior Girder 6	56.1733	0.95	1	1	4.274524
Annual Permit 1_str	BOBJ1	112.5933	After	Right Exterior Girder	56.1733	0.95	1	1	5.310845
Annual Permit 1_str	BOBJ1	115.3396	Before	Left Exterior Girder	58.9196	0.95	1	1	5.278569
Annual Permit 1_str	BOBJ1	115.3396	Before	Right Exterior Girder	58.9196	0.95	1	1	5.278569
Annual Permit 1_str	BOBJ1	115.3396	After	Left Exterior Girder	58.9196	0.95	1	1	5.096261
Annual Permit 1_str	BOBJ1	115.3396	After	Right Exterior Girder	58.9196	0.95	1	1	5.096261
Annual Permit 1_str	BOBJ1	118.2167	Before	Left Exterior Girder	61.7967	0.95	1	1	5.058195
Annual Permit 1_str	BOBJ1	118.2167	Before	Interior Girder 1	61.9198	0.95	1	1	4.196372
Annual Permit 1_str	BOBJ1	118.2167	Before	Interior Girder 2	61.9198	0.95	1	1	3.926612
Annual Permit 1_str	BOBJ1	118.2167	Before	Interior Girder 3	61.9198	0.95	1	1	3.285935
Annual Permit 1_str	BOBJ1	118.2167	Before	Interior Girder 4	61.9198	0.95	1	1	3.285935
Annual Permit 1_str	BOBJ1	118.2167	Before	Interior Girder 5	61.9198	0.95	1	1	3.926612
Annual Permit 1_str	BOBJ1	118.2167	Before	Interior Girder 6	61.9198	0.95	1	1	4.196372
Annual Permit 1_str	BOBJ1	118.2167	Before	Right Exterior Girder	61.7967	0.95	1	1	5.058195
Annual Permit 1_str	BOBJ1	118.2167	After	Left Exterior Girder	61.7967	0.95	1	1	4.860258
Annual Permit 1_str	BOBJ1	118.2167	After	Interior Girder 1	61.9198	0.95	1	1	3.455611
Annual Permit 1_str	BOBJ1	118.2167	After	Interior Girder 2	61.9198	0.95	1	1	3.234838
Annual Permit 1_str	BOBJ1	118.2167	After	Interior Girder 3	61.9198	0.95	1	1	2.63071
Annual Permit 1_str	BOBJ1	118.2167	After	Interior Girder 4	61.9198	0.95	1	1	2.63071
Annual Permit 1_str	BOBJ1	118.2167	After	Interior Girder 5	61.9198	0.95	1	1	3.234838
Annual Permit 1_str	BOBJ1	118.2167	After	Interior Girder 6	61.9198	0.95	1	1	3.455611
Annual Permit 1_str	BOBJ1	118.2167	After	Right Exterior Girder	61.7967	0.95	1	1	4.860258

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Approach, Span 12-1									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Annual Permit 1_str	BOBJ1	123.84	Before	Left Exterior Girder	67.42	0.95	1	1	4.7874
Annual Permit 1_str	BOBJ1	123.84	Before	Interior Girder 1	67.42	0.95	1	1	3.394835
Annual Permit 1_str	BOBJ1	123.84	Before	Interior Girder 2	67.42	0.95	1	1	3.178317
Annual Permit 1_str	BOBJ1	123.84	Before	Interior Girder 3	67.42	0.95	1	1	2.583772
Annual Permit 1_str	BOBJ1	123.84	Before	Interior Girder 4	67.42	0.95	1	1	2.583772
Annual Permit 1_str	BOBJ1	123.84	Before	Interior Girder 5	67.42	0.95	1	1	3.178317
Annual Permit 1_str	BOBJ1	123.84	Before	Interior Girder 6	67.42	0.95	1	1	3.394835
Annual Permit 1_str	BOBJ1	123.84	Before	Right Exterior Girder	67.42	0.95	1	1	4.7874
Annual Permit 1_str	BOBJ1	123.84	After	Left Exterior Girder	0	0.95	1	1	4.84113
Annual Permit 1_str	BOBJ1	123.84	After	Interior Girder 1	0	0.95	1	1	3.441826
Annual Permit 1_str	BOBJ1	123.84	After	Interior Girder 2	0	0.95	1	1	3.212717
Annual Permit 1_str	BOBJ1	123.84	After	Interior Girder 3	0	0.95	1	1	2.59067
Annual Permit 1_str	BOBJ1	123.84	After	Interior Girder 4	0	0.95	1	1	2.59067
Annual Permit 1_str	BOBJ1	123.84	After	Interior Girder 5	0	0.95	1	1	3.212717
Annual Permit 1_str	BOBJ1	123.84	After	Interior Girder 6	0	0.95	1	1	3.441826
Annual Permit 1_str	BOBJ1	123.84	After	Right Exterior Girder	0	0.95	1	1	4.84113
Annual Permit 1_str	BOBJ1	129.34	Before	Interior Girder 1	5.5	0.95	1	1	3.502158
Annual Permit 1_str	BOBJ1	129.34	Before	Interior Girder 2	5.5	0.95	1	1	3.268595
Annual Permit 1_str	BOBJ1	129.34	Before	Interior Girder 3	5.5	0.95	1	1	2.636812
Annual Permit 1_str	BOBJ1	129.34	Before	Interior Girder 4	5.5	0.95	1	1	2.636812
Annual Permit 1_str	BOBJ1	129.34	Before	Interior Girder 5	5.5	0.95	1	1	3.268595
Annual Permit 1_str	BOBJ1	129.34	Before	Interior Girder 6	5.5	0.95	1	1	3.502158
Annual Permit 1_str	BOBJ1	129.34	After	Interior Girder 1	5.5	0.95	1	1	3.311369
Annual Permit 1_str	BOBJ1	129.34	After	Interior Girder 2	5.5	0.95	1	1	3.353857
Annual Permit 1_str	BOBJ1	129.34	After	Interior Girder 3	5.5	0.95	1	1	2.703498
Annual Permit 1_str	BOBJ1	129.34	After	Interior Girder 4	5.5	0.95	1	1	2.703498
Annual Permit 1_str	BOBJ1	129.34	After	Interior Girder 5	5.5	0.95	1	1	3.353857
Annual Permit 1_str	BOBJ1	129.34	After	Interior Girder 6	5.5	0.95	1	1	3.311369
Annual Permit 1_str	BOBJ1	130.79	Before	Left Exterior Girder	6.95	0.95	1	1	4.378581
Annual Permit 1_str	BOBJ1	130.79	Before	Interior Girder 1	6.95	0.95	1	1	3.325889
Annual Permit 1_str	BOBJ1	130.79	Before	Interior Girder 2	6.95	0.95	1	1	3.368226
Annual Permit 1_str	BOBJ1	130.79	Before	Interior Girder 3	6.95	0.95	1	1	2.715329
Annual Permit 1_str	BOBJ1	130.79	Before	Interior Girder 4	6.95	0.95	1	1	2.715329
Annual Permit 1_str	BOBJ1	130.79	Before	Interior Girder 5	6.95	0.95	1	1	3.368226
Annual Permit 1_str	BOBJ1	130.79	Before	Interior Girder 6	6.95	0.95	1	1	3.325889
Annual Permit 1_str	BOBJ1	130.79	Before	Right Exterior Girder	6.95	0.95	1	1	4.378581
Annual Permit 1_str	BOBJ1	130.79	After	Left Exterior Girder	6.95	0.95	1	1	4.678031
Annual Permit 1_str	BOBJ1	130.79	After	Interior Girder 1	6.95	0.95	1	1	4.371311
Annual Permit 1_str	BOBJ1	130.79	After	Interior Girder 2	6.95	0.95	1	1	4.431632
Annual Permit 1_str	BOBJ1	130.79	After	Interior Girder 3	6.95	0.95	1	1	3.7205
Annual Permit 1_str	BOBJ1	130.79	After	Interior Girder 4	6.95	0.95	1	1	3.7205
Annual Permit 1_str	BOBJ1	130.79	After	Interior Girder 5	6.95	0.95	1	1	4.431632
Annual Permit 1_str	BOBJ1	130.79	After	Interior Girder 6	6.95	0.95	1	1	4.371311
Annual Permit 1_str	BOBJ1	130.79	After	Right Exterior Girder	6.95	0.95	1	1	4.678031
Annual Permit 1_str	BOBJ1	132.34	Before	Left Exterior Girder	8.5	0.95	1	1	4.697246
Annual Permit 1_str	BOBJ1	132.34	Before	Right Exterior Girder	8.5	0.95	1	1	4.697246
Annual Permit 1_str	BOBJ1	132.34	After	Left Exterior Girder	8.5	0.95	1	1	5.511109
Annual Permit 1_str	BOBJ1	132.34	After	Right Exterior Girder	8.5	0.95	1	1	5.511109
Annual Permit 1_str	BOBJ1	137.74	Before	Left Exterior Girder	13.9	0.95	1	1	5.576854
Annual Permit 1_str	BOBJ1	137.74	Before	Interior Girder 1	13.9	0.95	1	1	4.726884
Annual Permit 1_str	BOBJ1	137.74	Before	Interior Girder 2	13.9	0.95	1	1	4.522031
Annual Permit 1_str	BOBJ1	137.74	Before	Interior Girder 3	13.9	0.95	1	1	3.797639
Annual Permit 1_str	BOBJ1	137.74	Before	Interior Girder 4	13.9	0.95	1	1	3.797639
Annual Permit 1_str	BOBJ1	137.74	Before	Interior Girder 5	13.9	0.95	1	1	4.522031
Annual Permit 1_str	BOBJ1	137.74	Before	Interior Girder 6	13.9	0.95	1	1	4.726884
Annual Permit 1_str	BOBJ1	137.74	Before	Right Exterior Girder	13.9	0.95	1	1	5.576854
Annual Permit 1_str	BOBJ1	137.74	After	Left Exterior Girder	13.9	0.95	1	1	7.31421
Annual Permit 1_str	BOBJ1	137.74	After	Interior Girder 1	13.9	0.95	1	1	5.087679
Annual Permit 1_str	BOBJ1	137.74	After	Interior Girder 2	13.9	0.95	1	1	4.766384
Annual Permit 1_str	BOBJ1	137.74	After	Interior Girder 3	13.9	0.95	1	1	4.166
Annual Permit 1_str	BOBJ1	137.74	After	Interior Girder 4	13.9	0.95	1	1	4.166
Annual Permit 1_str	BOBJ1	137.74	After	Interior Girder 5	13.9	0.95	1	1	4.766384
Annual Permit 1_str	BOBJ1	137.74	After	Interior Girder 6	13.9	0.95	1	1	5.087679
Annual Permit 1_str	BOBJ1	137.74	After	Right Exterior Girder	13.9	0.95	1	1	7.31421
Annual Permit 1_str	BOBJ1	143.7733	Before	Left Exterior Girder	19.9333	0.95	1	1	7.407905

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Approach, Span 12-1									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Annual Permit 1_str	BOBJ1	143.7733	Before	Interior Girder 1	19.9333	0.95	1	1	5.176076
Annual Permit 1_str	BOBJ1	143.7733	Before	Interior Girder 2	19.9333	0.95	1	1	4.848968
Annual Permit 1_str	BOBJ1	143.7733	Before	Interior Girder 3	19.9333	0.95	1	1	4.238464
Annual Permit 1_str	BOBJ1	143.7733	Before	Interior Girder 4	19.9333	0.95	1	1	4.238464
Annual Permit 1_str	BOBJ1	143.7733	Before	Interior Girder 5	19.9333	0.95	1	1	4.848968
Annual Permit 1_str	BOBJ1	143.7733	Before	Interior Girder 6	19.9333	0.95	1	1	5.176076
Annual Permit 1_str	BOBJ1	143.7733	Before	Right Exterior Girder	19.9333	0.95	1	1	7.407905
Annual Permit 1_str	BOBJ1	143.7733	After	Left Exterior Girder	19.9333	0.95	1	1	9.253168
Annual Permit 1_str	BOBJ1	143.7733	After	Interior Girder 1	19.9333	0.95	1	1	6.759369
Annual Permit 1_str	BOBJ1	143.7733	After	Interior Girder 2	19.9333	0.95	1	1	6.373876
Annual Permit 1_str	BOBJ1	143.7733	After	Interior Girder 3	19.9333	0.95	1	1	5.620338
Annual Permit 1_str	BOBJ1	143.7733	After	Interior Girder 4	19.9333	0.95	1	1	5.620338
Annual Permit 1_str	BOBJ1	143.7733	After	Interior Girder 5	19.9333	0.95	1	1	6.373876
Annual Permit 1_str	BOBJ1	143.7733	After	Interior Girder 6	19.9333	0.95	1	1	6.759369
Annual Permit 1_str	BOBJ1	143.7733	After	Right Exterior Girder	19.9333	0.95	1	1	9.253168
Annual Permit 1_str	BOBJ1	149.8067	Before	Left Exterior Girder	25.9667	0.95	1	1	9.367304
Annual Permit 1_str	BOBJ1	149.8067	Before	Interior Girder 1	25.9667	0.95	1	1	6.874243
Annual Permit 1_str	BOBJ1	149.8067	Before	Interior Girder 2	25.9667	0.95	1	1	6.481821
Annual Permit 1_str	BOBJ1	149.8067	Before	Interior Girder 3	25.9667	0.95	1	1	5.715732
Annual Permit 1_str	BOBJ1	149.8067	Before	Interior Girder 4	25.9667	0.95	1	1	5.715732
Annual Permit 1_str	BOBJ1	149.8067	Before	Interior Girder 5	25.9667	0.95	1	1	6.481821
Annual Permit 1_str	BOBJ1	149.8067	Before	Interior Girder 6	25.9667	0.95	1	1	6.874243
Annual Permit 1_str	BOBJ1	149.8067	Before	Right Exterior Girder	25.9667	0.95	1	1	9.367304
Annual Permit 1_str	BOBJ1	149.8067	After	Left Exterior Girder	25.9667	0.95	1	1	12.107918
Annual Permit 1_str	BOBJ1	149.8067	After	Interior Girder 1	25.9667	0.95	1	1	9.130045
Annual Permit 1_str	BOBJ1	149.8067	After	Interior Girder 2	25.9667	0.95	1	1	8.609952
Annual Permit 1_str	BOBJ1	149.8067	After	Interior Girder 3	25.9667	0.95	1	1	7.593716
Annual Permit 1_str	BOBJ1	149.8067	After	Interior Girder 4	25.9667	0.95	1	1	7.593716
Annual Permit 1_str	BOBJ1	149.8067	After	Interior Girder 5	25.9667	0.95	1	1	8.609952
Annual Permit 1_str	BOBJ1	149.8067	After	Interior Girder 6	25.9667	0.95	1	1	9.130045
Annual Permit 1_str	BOBJ1	149.8067	After	Right Exterior Girder	25.9667	0.95	1	1	12.107918
Annual Permit 1_str	BOBJ1	155.84	Before	Left Exterior Girder	32	0.95	1	1	12.252016
Annual Permit 1_str	BOBJ1	155.84	Before	Interior Girder 1	32	0.95	1	1	9.281783
Annual Permit 1_str	BOBJ1	155.84	Before	Interior Girder 2	32	0.95	1	1	8.752491
Annual Permit 1_str	BOBJ1	155.84	Before	Interior Girder 3	32	0.95	1	1	7.719616
Annual Permit 1_str	BOBJ1	155.84	Before	Interior Girder 4	32	0.95	1	1	7.719616
Annual Permit 1_str	BOBJ1	155.84	Before	Interior Girder 5	32	0.95	1	1	8.752491
Annual Permit 1_str	BOBJ1	155.84	Before	Interior Girder 6	32	0.95	1	1	9.281783
Annual Permit 1_str	BOBJ1	155.84	Before	Right Exterior Girder	32	0.95	1	1	12.252016
Annual Permit 1_str	BOBJ1	155.84	After	Left Exterior Girder	32	0.95	1	1	15.81338
Annual Permit 1_str	BOBJ1	155.84	After	Interior Girder 1	32	0.95	1	1	9.475618
Annual Permit 1_str	BOBJ1	155.84	After	Interior Girder 2	32	0.95	1	1	8.392156
Annual Permit 1_str	BOBJ1	155.84	After	Interior Girder 3	32	0.95	1	1	7.196065
Annual Permit 1_str	BOBJ1	155.84	After	Interior Girder 4	32	0.95	1	1	7.196065
Annual Permit 1_str	BOBJ1	155.84	After	Interior Girder 5	32	0.95	1	1	8.392156
Annual Permit 1_str	BOBJ1	155.84	After	Interior Girder 6	32	0.95	1	1	9.475618
Annual Permit 1_str	BOBJ1	155.84	After	Right Exterior Girder	32	0.95	1	1	15.81338
Annual Permit 1_str	BOBJ1	161.8733	Before	Left Exterior Girder	38.0333	0.95	1	1	15.631454
Annual Permit 1_str	BOBJ1	161.8733	Before	Interior Girder 1	38.0333	0.95	1	1	9.628561
Annual Permit 1_str	BOBJ1	161.8733	Before	Interior Girder 2	38.0333	0.95	1	1	8.528084
Annual Permit 1_str	BOBJ1	161.8733	Before	Interior Girder 3	38.0333	0.95	1	1	7.312556
Annual Permit 1_str	BOBJ1	161.8733	Before	Interior Girder 4	38.0333	0.95	1	1	7.312556
Annual Permit 1_str	BOBJ1	161.8733	Before	Interior Girder 5	38.0333	0.95	1	1	8.528084
Annual Permit 1_str	BOBJ1	161.8733	Before	Interior Girder 6	38.0333	0.95	1	1	9.628561
Annual Permit 1_str	BOBJ1	161.8733	Before	Right Exterior Girder	38.0333	0.95	1	1	15.631454
Annual Permit 1_str	BOBJ1	161.8733	After	Left Exterior Girder	38.0333	0.95	1	1	11.763869
Annual Permit 1_str	BOBJ1	161.8733	After	Interior Girder 1	38.0333	0.95	1	1	7.952241
Annual Permit 1_str	BOBJ1	161.8733	After	Interior Girder 2	38.0333	0.95	1	1	7.456645
Annual Permit 1_str	BOBJ1	161.8733	After	Interior Girder 3	38.0333	0.95	1	1	6.551726
Annual Permit 1_str	BOBJ1	161.8733	After	Interior Girder 4	38.0333	0.95	1	1	6.551726
Annual Permit 1_str	BOBJ1	161.8733	After	Interior Girder 5	38.0333	0.95	1	1	7.456645
Annual Permit 1_str	BOBJ1	161.8733	After	Interior Girder 6	38.0333	0.95	1	1	7.952241
Annual Permit 1_str	BOBJ1	161.8733	After	Right Exterior Girder	38.0333	0.95	1	1	11.763869
Annual Permit 1_str	BOBJ1	167.9067	Before	Left Exterior Girder	44.0667	0.95	1	1	11.623781
Annual Permit 1_str	BOBJ1	167.9067	Before	Interior Girder 1	44.0667	0.95	1	1	7.821429

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Approach, Span 12-1									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Annual Permit 1_str	BOBJ1	167.9067	Before	Interior Girder 2	44.0667	0.95	1	1	7.33437
Annual Permit 1_str	BOBJ1	167.9067	Before	Interior Girder 3	44.0667	0.95	1	1	6.444171
Annual Permit 1_str	BOBJ1	167.9067	Before	Interior Girder 4	44.0667	0.95	1	1	6.444171
Annual Permit 1_str	BOBJ1	167.9067	Before	Interior Girder 5	44.0667	0.95	1	1	7.33437
Annual Permit 1_str	BOBJ1	167.9067	Before	Interior Girder 6	44.0667	0.95	1	1	7.821429
Annual Permit 1_str	BOBJ1	167.9067	Before	Right Exterior Girder	44.0667	0.95	1	1	11.623781
Annual Permit 1_str	BOBJ1	167.9067	After	Left Exterior Girder	44.0667	0.95	1	1	8.9014
Annual Permit 1_str	BOBJ1	167.9067	After	Interior Girder 1	44.0667	0.95	1	1	5.832288
Annual Permit 1_str	BOBJ1	167.9067	After	Interior Girder 2	44.0667	0.95	1	1	5.456526
Annual Permit 1_str	BOBJ1	167.9067	After	Interior Girder 3	44.0667	0.95	1	1	4.772238
Annual Permit 1_str	BOBJ1	167.9067	After	Interior Girder 4	44.0667	0.95	1	1	4.772238
Annual Permit 1_str	BOBJ1	167.9067	After	Interior Girder 5	44.0667	0.95	1	1	5.456526
Annual Permit 1_str	BOBJ1	167.9067	After	Interior Girder 6	44.0667	0.95	1	1	5.832288
Annual Permit 1_str	BOBJ1	167.9067	After	Right Exterior Girder	44.0667	0.95	1	1	8.9014
Annual Permit 1_str	BOBJ1	173.94	Before	Left Exterior Girder	50.1	0.95	1	1	8.79149
Annual Permit 1_str	BOBJ1	173.94	Before	Interior Girder 1	50.1	0.95	1	1	5.734249
Annual Permit 1_str	BOBJ1	173.94	Before	Interior Girder 2	50.1	0.95	1	1	5.365032
Annual Permit 1_str	BOBJ1	173.94	Before	Interior Girder 3	50.1	0.95	1	1	4.692034
Annual Permit 1_str	BOBJ1	173.94	Before	Interior Girder 4	50.1	0.95	1	1	4.692034
Annual Permit 1_str	BOBJ1	173.94	Before	Interior Girder 5	50.1	0.95	1	1	5.365032
Annual Permit 1_str	BOBJ1	173.94	Before	Interior Girder 6	50.1	0.95	1	1	5.734249
Annual Permit 1_str	BOBJ1	173.94	Before	Right Exterior Girder	50.1	0.95	1	1	8.79149
Annual Permit 1_str	BOBJ1	173.94	After	Left Exterior Girder	50.1	0.95	1	1	6.335076
Annual Permit 1_str	BOBJ1	173.94	After	Interior Girder 1	50.1	0.95	1	1	5.396567
Annual Permit 1_str	BOBJ1	173.94	After	Interior Girder 2	50.1	0.95	1	1	5.208217
Annual Permit 1_str	BOBJ1	173.94	After	Interior Girder 3	50.1	0.95	1	1	4.450712
Annual Permit 1_str	BOBJ1	173.94	After	Interior Girder 4	50.1	0.95	1	1	4.450712
Annual Permit 1_str	BOBJ1	173.94	After	Interior Girder 5	50.1	0.95	1	1	5.208217
Annual Permit 1_str	BOBJ1	173.94	After	Interior Girder 6	50.1	0.95	1	1	5.396567
Annual Permit 1_str	BOBJ1	173.94	After	Right Exterior Girder	50.1	0.95	1	1	6.335076
Annual Permit 1_str	BOBJ1	179.98	Before	Left Exterior Girder	56.14	0.95	1	1	6.253744
Annual Permit 1_str	BOBJ1	179.98	Before	Interior Girder 1	56.14	0.95	1	1	5.303505
Annual Permit 1_str	BOBJ1	179.98	Before	Interior Girder 2	56.14	0.95	1	1	5.119076
Annual Permit 1_str	BOBJ1	179.98	Before	Interior Girder 3	56.14	0.95	1	1	4.373666
Annual Permit 1_str	BOBJ1	179.98	Before	Interior Girder 4	56.14	0.95	1	1	4.373666
Annual Permit 1_str	BOBJ1	179.98	Before	Interior Girder 5	56.14	0.95	1	1	5.119076
Annual Permit 1_str	BOBJ1	179.98	Before	Interior Girder 6	56.14	0.95	1	1	5.303505
Annual Permit 1_str	BOBJ1	179.98	Before	Right Exterior Girder	56.14	0.95	1	1	6.253744
Annual Permit 1_str	BOBJ1	179.98	After	Left Exterior Girder	56.14	0.95	1	1	5.466086
Annual Permit 1_str	BOBJ1	179.98	After	Interior Girder 1	56.14	0.95	1	1	4.336037
Annual Permit 1_str	BOBJ1	179.98	After	Interior Girder 2	56.14	0.95	1	1	4.092529
Annual Permit 1_str	BOBJ1	179.98	After	Interior Girder 3	56.14	0.95	1	1	3.438238
Annual Permit 1_str	BOBJ1	179.98	After	Interior Girder 4	56.14	0.95	1	1	3.438238
Annual Permit 1_str	BOBJ1	179.98	After	Interior Girder 5	56.14	0.95	1	1	4.092529
Annual Permit 1_str	BOBJ1	179.98	After	Interior Girder 6	56.14	0.95	1	1	4.336037
Annual Permit 1_str	BOBJ1	179.98	After	Right Exterior Girder	56.14	0.95	1	1	5.466086
Annual Permit 1_str	BOBJ1	183.56	Before	Left Exterior Girder	59.72	0.95	1	1	5.422906
Annual Permit 1_str	BOBJ1	183.56	Before	Right Exterior Girder	59.72	0.95	1	1	5.422906
Annual Permit 1_str	BOBJ1	183.56	After	Left Exterior Girder	59.72	0.95	1	1	5.06301
Annual Permit 1_str	BOBJ1	183.56	After	Right Exterior Girder	59.72	0.95	1	1	5.06301
Annual Permit 1_str	BOBJ1	186.02	Before	Left Exterior Girder	62.18	0.95	1	1	5.029976
Annual Permit 1_str	BOBJ1	186.02	Before	Interior Girder 1	62.22	0.95	1	1	4.342997
Annual Permit 1_str	BOBJ1	186.02	Before	Interior Girder 2	62.22	0.95	1	1	4.0209
Annual Permit 1_str	BOBJ1	186.02	Before	Interior Girder 3	62.22	0.95	1	1	3.377165
Annual Permit 1_str	BOBJ1	186.02	Before	Interior Girder 4	62.22	0.95	1	1	3.377165
Annual Permit 1_str	BOBJ1	186.02	Before	Interior Girder 5	62.22	0.95	1	1	4.0209
Annual Permit 1_str	BOBJ1	186.02	Before	Interior Girder 6	62.22	0.95	1	1	4.342997
Annual Permit 1_str	BOBJ1	186.02	Before	Right Exterior Girder	62.18	0.95	1	1	5.029976
Annual Permit 1_str	BOBJ1	186.02	After	Left Exterior Girder	62.18	0.95	1	1	4.91267
Annual Permit 1_str	BOBJ1	186.02	After	Interior Girder 1	62.22	0.95	1	1	3.501439
Annual Permit 1_str	BOBJ1	186.02	After	Interior Girder 2	62.22	0.95	1	1	3.275808
Annual Permit 1_str	BOBJ1	186.02	After	Interior Girder 3	62.22	0.95	1	1	2.669872
Annual Permit 1_str	BOBJ1	186.02	After	Interior Girder 4	62.22	0.95	1	1	2.669872
Annual Permit 1_str	BOBJ1	186.02	After	Interior Girder 5	62.22	0.95	1	1	3.275808
Annual Permit 1_str	BOBJ1	186.02	After	Interior Girder 6	62.22	0.95	1	1	3.501439

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Approach, Span 12-1									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Annual Permit 1_str	BOBJ1	186.02	After	Right Exterior Girder	62.18	0.95	1	1	4.91267
Annual Permit 1_str	BOBJ1	192.06	Before	Left Exterior Girder	68.22	0.95	1	1	4.832083
Annual Permit 1_str	BOBJ1	192.06	Before	Interior Girder 1	68.22	0.95	1	1	3.434687
Annual Permit 1_str	BOBJ1	192.06	Before	Interior Girder 2	68.22	0.95	1	1	3.213762
Annual Permit 1_str	BOBJ1	192.06	Before	Interior Girder 3	68.22	0.95	1	1	2.618245
Annual Permit 1_str	BOBJ1	192.06	Before	Interior Girder 4	68.22	0.95	1	1	2.618245
Annual Permit 1_str	BOBJ1	192.06	Before	Interior Girder 5	68.22	0.95	1	1	3.213762
Annual Permit 1_str	BOBJ1	192.06	Before	Interior Girder 6	68.22	0.95	1	1	3.434687
Annual Permit 1_str	BOBJ1	192.06	Before	Right Exterior Girder	68.22	0.95	1	1	4.832083
Annual Permit 1_str	BOBJ1	192.06	After	Left Exterior Girder	0	0.95	1	1	4.680403
Annual Permit 1_str	BOBJ1	192.06	After	Interior Girder 1	0	0.95	1	1	3.452746
Annual Permit 1_str	BOBJ1	192.06	After	Interior Girder 2	0	0.95	1	1	3.23419
Annual Permit 1_str	BOBJ1	192.06	After	Interior Girder 3	0	0.95	1	1	2.512949
Annual Permit 1_str	BOBJ1	192.06	After	Interior Girder 4	0	0.95	1	1	2.512949
Annual Permit 1_str	BOBJ1	192.06	After	Interior Girder 5	0	0.95	1	1	3.23419
Annual Permit 1_str	BOBJ1	192.06	After	Interior Girder 6	0	0.95	1	1	3.452746
Annual Permit 1_str	BOBJ1	192.06	After	Right Exterior Girder	0	0.95	1	1	4.680403
Annual Permit 1_str	BOBJ1	197.087	Before	Interior Girder 1	5.027	0.95	1	1	3.509006
Annual Permit 1_str	BOBJ1	197.087	Before	Interior Girder 2	5.027	0.95	1	1	3.286301
Annual Permit 1_str	BOBJ1	197.087	Before	Interior Girder 3	5.027	0.95	1	1	2.554876
Annual Permit 1_str	BOBJ1	197.087	Before	Interior Girder 4	5.027	0.95	1	1	2.554876
Annual Permit 1_str	BOBJ1	197.087	Before	Interior Girder 5	5.027	0.95	1	1	3.286301
Annual Permit 1_str	BOBJ1	197.087	Before	Interior Girder 6	5.027	0.95	1	1	3.509006
Annual Permit 1_str	BOBJ1	197.087	After	Interior Girder 1	5.027	0.95	1	1	3.413214
Annual Permit 1_str	BOBJ1	197.087	After	Interior Girder 2	5.027	0.95	1	1	3.706272
Annual Permit 1_str	BOBJ1	197.087	After	Interior Girder 3	5.027	0.95	1	1	2.948096
Annual Permit 1_str	BOBJ1	197.087	After	Interior Girder 4	5.027	0.95	1	1	2.948096
Annual Permit 1_str	BOBJ1	197.087	After	Interior Girder 5	5.027	0.95	1	1	3.706272
Annual Permit 1_str	BOBJ1	197.087	After	Interior Girder 6	5.027	0.95	1	1	3.413214
Annual Permit 1_str	BOBJ1	197.91	Before	Left Exterior Girder	5.85	0.95	1	1	4.544787
Annual Permit 1_str	BOBJ1	197.91	Before	Interior Girder 1	5.85	0.95	1	1	3.421842
Annual Permit 1_str	BOBJ1	197.91	Before	Interior Girder 2	5.85	0.95	1	1	3.715345
Annual Permit 1_str	BOBJ1	197.91	Before	Interior Girder 3	5.85	0.95	1	1	2.955544
Annual Permit 1_str	BOBJ1	197.91	Before	Interior Girder 4	5.85	0.95	1	1	2.955544
Annual Permit 1_str	BOBJ1	197.91	Before	Interior Girder 5	5.85	0.95	1	1	3.715345
Annual Permit 1_str	BOBJ1	197.91	Before	Interior Girder 6	5.85	0.95	1	1	3.421842
Annual Permit 1_str	BOBJ1	197.91	Before	Right Exterior Girder	5.85	0.95	1	1	4.544787
Annual Permit 1_str	BOBJ1	197.91	After	Left Exterior Girder	5.85	0.95	1	1	4.775785
Annual Permit 1_str	BOBJ1	197.91	After	Interior Girder 1	5.85	0.95	1	1	3.423242
Annual Permit 1_str	BOBJ1	197.91	After	Interior Girder 2	5.85	0.95	1	1	3.649163
Annual Permit 1_str	BOBJ1	197.91	After	Interior Girder 3	5.85	0.95	1	1	3.094
Annual Permit 1_str	BOBJ1	197.91	After	Interior Girder 4	5.85	0.95	1	1	3.094
Annual Permit 1_str	BOBJ1	197.91	After	Interior Girder 5	5.85	0.95	1	1	3.649163
Annual Permit 1_str	BOBJ1	197.91	After	Interior Girder 6	5.85	0.95	1	1	3.423242
Annual Permit 1_str	BOBJ1	197.91	After	Right Exterior Girder	5.85	0.95	1	1	4.775785
Annual Permit 1_str	BOBJ1	199.1816	Before	Left Exterior Girder	7.1216	0.95	1	1	4.792423
Annual Permit 1_str	BOBJ1	199.1816	Before	Right Exterior Girder	7.1216	0.95	1	1	4.792423
Annual Permit 1_str	BOBJ1	199.1816	After	Left Exterior Girder	7.1216	0.95	1	1	5.463131
Annual Permit 1_str	BOBJ1	199.1816	After	Right Exterior Girder	7.1216	0.95	1	1	5.463131
Annual Permit 1_str	BOBJ1	203.5267	Before	Left Exterior Girder	11.3107	0.95	1	1	5.519387
Annual Permit 1_str	BOBJ1	203.5267	Before	Interior Girder 1	11.3107	0.95	1	1	3.981369
Annual Permit 1_str	BOBJ1	203.5267	Before	Interior Girder 2	11.3107	0.95	1	1	3.7103
Annual Permit 1_str	BOBJ1	203.5267	Before	Interior Girder 3	11.3107	0.95	1	1	3.146448
Annual Permit 1_str	BOBJ1	203.5267	Before	Interior Girder 4	11.3107	0.95	1	1	3.146448
Annual Permit 1_str	BOBJ1	203.5267	Before	Interior Girder 5	11.3107	0.95	1	1	3.7103
Annual Permit 1_str	BOBJ1	203.5267	Before	Interior Girder 6	11.3107	0.95	1	1	3.981369
Annual Permit 1_str	BOBJ1	203.5267	Before	Right Exterior Girder	11.3107	0.95	1	1	5.519387
Annual Permit 1_str	BOBJ1	203.5267	After	Left Exterior Girder	11.3107	0.95	1	1	7.424594
Annual Permit 1_str	BOBJ1	203.5267	After	Interior Girder 1	11.3107	0.95	1	1	5.663805
Annual Permit 1_str	BOBJ1	203.5267	After	Interior Girder 2	11.3107	0.95	1	1	5.328202
Annual Permit 1_str	BOBJ1	203.5267	After	Interior Girder 3	11.3107	0.95	1	1	4.591696
Annual Permit 1_str	BOBJ1	203.5267	After	Interior Girder 4	11.3107	0.95	1	1	4.591696
Annual Permit 1_str	BOBJ1	203.5267	After	Interior Girder 5	11.3107	0.95	1	1	5.328202
Annual Permit 1_str	BOBJ1	203.5267	After	Interior Girder 6	11.3107	0.95	1	1	5.663805
Annual Permit 1_str	BOBJ1	203.5267	After	Right Exterior Girder	11.3107	0.95	1	1	7.424594

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Approach, Span 12-1									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Annual Permit 1_str	BOBJ1	209.1433	Before	Left Exterior Girder	17.0833	0.95	1	1	7.511277
Annual Permit 1_str	BOBJ1	209.1433	Before	Interior Girder 1	17.0833	0.95	1	1	5.750627
Annual Permit 1_str	BOBJ1	209.1433	Before	Interior Girder 2	17.0833	0.95	1	1	5.409406
Annual Permit 1_str	BOBJ1	209.1433	Before	Interior Girder 3	17.0833	0.95	1	1	4.662179
Annual Permit 1_str	BOBJ1	209.1433	Before	Interior Girder 4	17.0833	0.95	1	1	4.662179
Annual Permit 1_str	BOBJ1	209.1433	Before	Interior Girder 5	17.0833	0.95	1	1	5.409406
Annual Permit 1_str	BOBJ1	209.1433	Before	Interior Girder 6	17.0833	0.95	1	1	5.750627
Annual Permit 1_str	BOBJ1	209.1433	Before	Right Exterior Girder	17.0833	0.95	1	1	7.511277
Annual Permit 1_str	BOBJ1	209.1433	After	Left Exterior Girder	17.0833	0.95	1	1	9.258413
Annual Permit 1_str	BOBJ1	209.1433	After	Interior Girder 1	17.0833	0.95	1	1	7.22525
Annual Permit 1_str	BOBJ1	209.1433	After	Interior Girder 2	17.0833	0.95	1	1	6.813018
Annual Permit 1_str	BOBJ1	209.1433	After	Interior Girder 3	17.0833	0.95	1	1	5.893492
Annual Permit 1_str	BOBJ1	209.1433	After	Interior Girder 4	17.0833	0.95	1	1	5.893492
Annual Permit 1_str	BOBJ1	209.1433	After	Interior Girder 5	17.0833	0.95	1	1	6.813018
Annual Permit 1_str	BOBJ1	209.1433	After	Interior Girder 6	17.0833	0.95	1	1	7.22525
Annual Permit 1_str	BOBJ1	209.1433	After	Right Exterior Girder	17.0833	0.95	1	1	9.258413
Annual Permit 1_str	BOBJ1	214.76	Before	Left Exterior Girder	22.7	0.95	1	1	9.363102
Annual Permit 1_str	BOBJ1	214.76	Before	Interior Girder 1	22.7	0.95	1	1	7.333885
Annual Permit 1_str	BOBJ1	214.76	Before	Interior Girder 2	22.7	0.95	1	1	6.914828
Annual Permit 1_str	BOBJ1	214.76	Before	Interior Girder 3	22.7	0.95	1	1	5.982051
Annual Permit 1_str	BOBJ1	214.76	Before	Interior Girder 4	22.7	0.95	1	1	5.982051
Annual Permit 1_str	BOBJ1	214.76	Before	Interior Girder 5	22.7	0.95	1	1	6.914828
Annual Permit 1_str	BOBJ1	214.76	Before	Interior Girder 6	22.7	0.95	1	1	7.333885
Annual Permit 1_str	BOBJ1	214.76	Before	Right Exterior Girder	22.7	0.95	1	1	9.363102
Annual Permit 1_str	BOBJ1	214.76	After	Left Exterior Girder	22.7	0.95	1	1	13.849866
Annual Permit 1_str	BOBJ1	214.76	After	Interior Girder 1	22.7	0.95	1	1	7.904091
Annual Permit 1_str	BOBJ1	214.76	After	Interior Girder 2	22.7	0.95	1	1	7.155633
Annual Permit 1_str	BOBJ1	214.76	After	Interior Girder 3	22.7	0.95	1	1	6.154853
Annual Permit 1_str	BOBJ1	214.76	After	Interior Girder 4	22.7	0.95	1	1	6.154853
Annual Permit 1_str	BOBJ1	214.76	After	Interior Girder 5	22.7	0.95	1	1	7.155633
Annual Permit 1_str	BOBJ1	214.76	After	Interior Girder 6	22.7	0.95	1	1	7.904091
Annual Permit 1_str	BOBJ1	214.76	After	Right Exterior Girder	22.7	0.95	1	1	13.849866
Annual Permit 1_str	BOBJ1	220.3767	Before	Left Exterior Girder	28.3167	0.95	1	1	14.002018
Annual Permit 1_str	BOBJ1	220.3767	Before	Interior Girder 1	28.3167	0.95	1	1	8.020188
Annual Permit 1_str	BOBJ1	220.3767	Before	Interior Girder 2	28.3167	0.95	1	1	7.260643
Annual Permit 1_str	BOBJ1	220.3767	Before	Interior Girder 3	28.3167	0.95	1	1	6.245248
Annual Permit 1_str	BOBJ1	220.3767	Before	Interior Girder 4	28.3167	0.95	1	1	6.245248
Annual Permit 1_str	BOBJ1	220.3767	Before	Interior Girder 5	28.3167	0.95	1	1	7.260643
Annual Permit 1_str	BOBJ1	220.3767	Before	Interior Girder 6	28.3167	0.95	1	1	8.020188
Annual Permit 1_str	BOBJ1	220.3767	Before	Right Exterior Girder	28.3167	0.95	1	1	14.002018
Annual Permit 1_str	BOBJ1	220.3767	After	Left Exterior Girder	28.3167	0.95	1	1	19.234462
Annual Permit 1_str	BOBJ1	220.3767	After	Interior Girder 1	28.3167	0.95	1	1	10.973839
Annual Permit 1_str	BOBJ1	220.3767	After	Interior Girder 2	28.3167	0.95	1	1	9.868182
Annual Permit 1_str	BOBJ1	220.3767	After	Interior Girder 3	28.3167	0.95	1	1	8.418287
Annual Permit 1_str	BOBJ1	220.3767	After	Interior Girder 4	28.3167	0.95	1	1	8.418287
Annual Permit 1_str	BOBJ1	220.3767	After	Interior Girder 5	28.3167	0.95	1	1	9.868182
Annual Permit 1_str	BOBJ1	220.3767	After	Interior Girder 6	28.3167	0.95	1	1	10.973839
Annual Permit 1_str	BOBJ1	220.3767	After	Right Exterior Girder	28.3167	0.95	1	1	19.234462
Annual Permit 1_str	BOBJ1	225.9933	Before	Left Exterior Girder	33.9333	0.95	1	1	19.439555
Annual Permit 1_str	BOBJ1	225.9933	Before	Interior Girder 1	33.9333	0.95	1	1	11.132002
Annual Permit 1_str	BOBJ1	225.9933	Before	Interior Girder 2	33.9333	0.95	1	1	10.010237
Annual Permit 1_str	BOBJ1	225.9933	Before	Interior Girder 3	33.9333	0.95	1	1	8.539478
Annual Permit 1_str	BOBJ1	225.9933	Before	Interior Girder 4	33.9333	0.95	1	1	8.539478
Annual Permit 1_str	BOBJ1	225.9933	Before	Interior Girder 5	33.9333	0.95	1	1	10.010237
Annual Permit 1_str	BOBJ1	225.9933	Before	Interior Girder 6	33.9333	0.95	1	1	11.132002
Annual Permit 1_str	BOBJ1	225.9933	Before	Right Exterior Girder	33.9333	0.95	1	1	19.439555
Annual Permit 1_str	BOBJ1	225.9933	After	Left Exterior Girder	33.9333	0.95	1	1	20.3453
Annual Permit 1_str	BOBJ1	225.9933	After	Interior Girder 1	33.9333	0.95	1	1	10.28974
Annual Permit 1_str	BOBJ1	225.9933	After	Interior Girder 2	33.9333	0.95	1	1	9.196515
Annual Permit 1_str	BOBJ1	225.9933	After	Interior Girder 3	33.9333	0.95	1	1	7.903431
Annual Permit 1_str	BOBJ1	225.9933	After	Interior Girder 4	33.9333	0.95	1	1	7.903431
Annual Permit 1_str	BOBJ1	225.9933	After	Interior Girder 5	33.9333	0.95	1	1	9.196515
Annual Permit 1_str	BOBJ1	225.9933	After	Interior Girder 6	33.9333	0.95	1	1	10.28974
Annual Permit 1_str	BOBJ1	225.9933	After	Right Exterior Girder	33.9333	0.95	1	1	20.3453
Annual Permit 1_str	BOBJ1	231.61	Before	Left Exterior Girder	39.55	0.95	1	1	20.133228

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Approach, Span 12-1									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Annual Permit 1_str	BOBJ1	231.61	Before	Interior Girder 1	39.55	0.95	1	1	10.144864
Annual Permit 1_str	BOBJ1	231.61	Before	Interior Girder 2	39.55	0.95	1	1	9.066857
Annual Permit 1_str	BOBJ1	231.61	Before	Interior Girder 3	39.55	0.95	1	1	7.79195
Annual Permit 1_str	BOBJ1	231.61	Before	Interior Girder 4	39.55	0.95	1	1	7.79195
Annual Permit 1_str	BOBJ1	231.61	Before	Interior Girder 5	39.55	0.95	1	1	9.066857
Annual Permit 1_str	BOBJ1	231.61	Before	Interior Girder 6	39.55	0.95	1	1	10.144864
Annual Permit 1_str	BOBJ1	231.61	Before	Right Exterior Girder	39.55	0.95	1	1	20.133228
Annual Permit 1_str	BOBJ1	231.61	After	Left Exterior Girder	39.55	0.95	1	1	12.609098
Annual Permit 1_str	BOBJ1	231.61	After	Interior Girder 1	39.55	0.95	1	1	9.650876
Annual Permit 1_str	BOBJ1	231.61	After	Interior Girder 2	39.55	0.95	1	1	9.297032
Annual Permit 1_str	BOBJ1	231.61	After	Interior Girder 3	39.55	0.95	1	1	8.281111
Annual Permit 1_str	BOBJ1	231.61	After	Interior Girder 4	39.55	0.95	1	1	8.281111
Annual Permit 1_str	BOBJ1	231.61	After	Interior Girder 5	39.55	0.95	1	1	9.297032
Annual Permit 1_str	BOBJ1	231.61	After	Interior Girder 6	39.55	0.95	1	1	9.650876
Annual Permit 1_str	BOBJ1	231.61	After	Right Exterior Girder	39.55	0.95	1	1	12.609098
Annual Permit 1_str	BOBJ1	237.37	Before	Left Exterior Girder	45.31	0.95	1	1	12.470727
Annual Permit 1_str	BOBJ1	237.37	Before	Interior Girder 1	45.31	0.95	1	1	9.508107
Annual Permit 1_str	BOBJ1	237.37	Before	Interior Girder 2	45.31	0.95	1	1	9.160152
Annual Permit 1_str	BOBJ1	237.37	Before	Interior Girder 3	45.31	0.95	1	1	8.158794
Annual Permit 1_str	BOBJ1	237.37	Before	Interior Girder 4	45.31	0.95	1	1	8.158794
Annual Permit 1_str	BOBJ1	237.37	Before	Interior Girder 5	45.31	0.95	1	1	9.160152
Annual Permit 1_str	BOBJ1	237.37	Before	Interior Girder 6	45.31	0.95	1	1	9.508107
Annual Permit 1_str	BOBJ1	237.37	Before	Right Exterior Girder	45.31	0.95	1	1	12.470727
Annual Permit 1_str	BOBJ1	237.37	After	Left Exterior Girder	45.31	0.95	1	1	10.100089
Annual Permit 1_str	BOBJ1	237.37	After	Interior Girder 1	45.31	0.95	1	1	7.228249
Annual Permit 1_str	BOBJ1	237.37	After	Interior Girder 2	45.31	0.95	1	1	6.896463
Annual Permit 1_str	BOBJ1	237.37	After	Interior Girder 3	45.31	0.95	1	1	6.109447
Annual Permit 1_str	BOBJ1	237.37	After	Interior Girder 4	45.31	0.95	1	1	6.109447
Annual Permit 1_str	BOBJ1	237.37	After	Interior Girder 5	45.31	0.95	1	1	6.896463
Annual Permit 1_str	BOBJ1	237.37	After	Interior Girder 6	45.31	0.95	1	1	7.228249
Annual Permit 1_str	BOBJ1	237.37	After	Right Exterior Girder	45.31	0.95	1	1	10.100089
Annual Permit 1_str	BOBJ1	243.13	Before	Left Exterior Girder	51.07	0.95	1	1	9.985844
Annual Permit 1_str	BOBJ1	243.13	Before	Interior Girder 1	51.07	0.95	1	1	7.119174
Annual Permit 1_str	BOBJ1	243.13	Before	Interior Girder 2	51.07	0.95	1	1	6.792906
Annual Permit 1_str	BOBJ1	243.13	Before	Interior Girder 3	51.07	0.95	1	1	6.017335
Annual Permit 1_str	BOBJ1	243.13	Before	Interior Girder 4	51.07	0.95	1	1	6.017335
Annual Permit 1_str	BOBJ1	243.13	Before	Interior Girder 5	51.07	0.95	1	1	6.792906
Annual Permit 1_str	BOBJ1	243.13	Before	Interior Girder 6	51.07	0.95	1	1	7.119174
Annual Permit 1_str	BOBJ1	243.13	Before	Right Exterior Girder	51.07	0.95	1	1	9.985844
Annual Permit 1_str	BOBJ1	243.13	After	Left Exterior Girder	51.07	0.95	1	1	8.489059
Annual Permit 1_str	BOBJ1	243.13	After	Interior Girder 1	51.07	0.95	1	1	5.390184
Annual Permit 1_str	BOBJ1	243.13	After	Interior Girder 2	51.07	0.95	1	1	5.063504
Annual Permit 1_str	BOBJ1	243.13	After	Interior Girder 3	51.07	0.95	1	1	4.38433
Annual Permit 1_str	BOBJ1	243.13	After	Interior Girder 4	51.07	0.95	1	1	4.38433
Annual Permit 1_str	BOBJ1	243.13	After	Interior Girder 5	51.07	0.95	1	1	5.063504
Annual Permit 1_str	BOBJ1	243.13	After	Interior Girder 6	51.07	0.95	1	1	5.390184
Annual Permit 1_str	BOBJ1	243.13	After	Right Exterior Girder	51.07	0.95	1	1	8.489059
Annual Permit 1_str	BOBJ1	248.89	Before	Left Exterior Girder	56.83	0.95	1	1	8.389808
Annual Permit 1_str	BOBJ1	248.89	Before	Interior Girder 1	56.83	0.95	1	1	5.307379
Annual Permit 1_str	BOBJ1	248.89	Before	Interior Girder 2	56.83	0.95	1	1	4.985898
Annual Permit 1_str	BOBJ1	248.89	Before	Interior Girder 3	56.83	0.95	1	1	4.316812
Annual Permit 1_str	BOBJ1	248.89	Before	Interior Girder 4	56.83	0.95	1	1	4.316812
Annual Permit 1_str	BOBJ1	248.89	Before	Interior Girder 5	56.83	0.95	1	1	4.985898
Annual Permit 1_str	BOBJ1	248.89	Before	Interior Girder 6	56.83	0.95	1	1	5.307379
Annual Permit 1_str	BOBJ1	248.89	Before	Right Exterior Girder	56.83	0.95	1	1	8.389808
Annual Permit 2_str	BOBJ1	0	After	Left Exterior Girder	0	0.95	1	1	7.306882
Annual Permit 2_str	BOBJ1	0	After	Interior Girder 1	0	0.95	1	1	5.425225
Annual Permit 2_str	BOBJ1	0	After	Interior Girder 2	0	0.95	1	1	5.218608
Annual Permit 2_str	BOBJ1	0	After	Interior Girder 3	0	0.95	1	1	4.4991
Annual Permit 2_str	BOBJ1	0	After	Interior Girder 4	0	0.95	1	1	4.4991
Annual Permit 2_str	BOBJ1	0	After	Interior Girder 5	0	0.95	1	1	5.218608
Annual Permit 2_str	BOBJ1	0	After	Interior Girder 6	0	0.95	1	1	5.425225
Annual Permit 2_str	BOBJ1	0	After	Right Exterior Girder	0	0.95	1	1	7.306882
Annual Permit 2_str	BOBJ1	5.85	Before	Left Exterior Girder	5.85	0.95	1	1	7.387492
Annual Permit 2_str	BOBJ1	5.85	Before	Interior Girder 1	5.85	0.95	1	1	5.505733

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Approach, Span 12-1									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Annual Permit 2_str	BOBJ1	5.85	Before	Interior Girder 2	5.85	0.95	1	1	5.295559
Annual Permit 2_str	BOBJ1	5.85	Before	Interior Girder 3	5.85	0.95	1	1	4.565924
Annual Permit 2_str	BOBJ1	5.85	Before	Interior Girder 4	5.85	0.95	1	1	4.565924
Annual Permit 2_str	BOBJ1	5.85	Before	Interior Girder 5	5.85	0.95	1	1	5.295559
Annual Permit 2_str	BOBJ1	5.85	Before	Interior Girder 6	5.85	0.95	1	1	5.505733
Annual Permit 2_str	BOBJ1	5.85	Before	Right Exterior Girder	5.85	0.95	1	1	7.387492
Annual Permit 2_str	BOBJ1	5.85	After	Left Exterior Girder	5.85	0.95	1	1	10.074701
Annual Permit 2_str	BOBJ1	5.85	After	Interior Girder 1	5.85	0.95	1	1	6.634395
Annual Permit 2_str	BOBJ1	5.85	After	Interior Girder 2	5.85	0.95	1	1	6.26102
Annual Permit 2_str	BOBJ1	5.85	After	Interior Girder 3	5.85	0.95	1	1	5.556816
Annual Permit 2_str	BOBJ1	5.85	After	Interior Girder 4	5.85	0.95	1	1	5.556816
Annual Permit 2_str	BOBJ1	5.85	After	Interior Girder 5	5.85	0.95	1	1	6.26102
Annual Permit 2_str	BOBJ1	5.85	After	Interior Girder 6	5.85	0.95	1	1	6.634395
Annual Permit 2_str	BOBJ1	5.85	After	Right Exterior Girder	5.85	0.95	1	1	10.074701
Annual Permit 2_str	BOBJ1	11.4667	Before	Left Exterior Girder	11.4667	0.95	1	1	10.178151
Annual Permit 2_str	BOBJ1	11.4667	Before	Interior Girder 1	11.4667	0.95	1	1	6.726923
Annual Permit 2_str	BOBJ1	11.4667	Before	Interior Girder 2	11.4667	0.95	1	1	6.348143
Annual Permit 2_str	BOBJ1	11.4667	Before	Interior Girder 3	11.4667	0.95	1	1	5.634259
Annual Permit 2_str	BOBJ1	11.4667	Before	Interior Girder 4	11.4667	0.95	1	1	5.634259
Annual Permit 2_str	BOBJ1	11.4667	Before	Interior Girder 5	11.4667	0.95	1	1	6.348143
Annual Permit 2_str	BOBJ1	11.4667	Before	Interior Girder 6	11.4667	0.95	1	1	6.726923
Annual Permit 2_str	BOBJ1	11.4667	Before	Right Exterior Girder	11.4667	0.95	1	1	10.178151
Annual Permit 2_str	BOBJ1	11.4667	After	Left Exterior Girder	11.4667	0.95	1	1	12.808404
Annual Permit 2_str	BOBJ1	11.4667	After	Interior Girder 1	11.4667	0.95	1	1	9.047776
Annual Permit 2_str	BOBJ1	11.4667	After	Interior Girder 2	11.4667	0.95	1	1	8.559962
Annual Permit 2_str	BOBJ1	11.4667	After	Interior Girder 3	11.4667	0.95	1	1	7.608553
Annual Permit 2_str	BOBJ1	11.4667	After	Interior Girder 4	11.4667	0.95	1	1	7.608553
Annual Permit 2_str	BOBJ1	11.4667	After	Interior Girder 5	11.4667	0.95	1	1	8.559962
Annual Permit 2_str	BOBJ1	11.4667	After	Interior Girder 6	11.4667	0.95	1	1	9.047776
Annual Permit 2_str	BOBJ1	11.4667	After	Right Exterior Girder	11.4667	0.95	1	1	12.808404
Annual Permit 2_str	BOBJ1	17.0833	Before	Left Exterior Girder	17.0833	0.95	1	1	12.936169
Annual Permit 2_str	BOBJ1	17.0833	Before	Interior Girder 1	17.0833	0.95	1	1	9.171701
Annual Permit 2_str	BOBJ1	17.0833	Before	Interior Girder 2	17.0833	0.95	1	1	8.676901
Annual Permit 2_str	BOBJ1	17.0833	Before	Interior Girder 3	17.0833	0.95	1	1	7.712575
Annual Permit 2_str	BOBJ1	17.0833	Before	Interior Girder 4	17.0833	0.95	1	1	7.712575
Annual Permit 2_str	BOBJ1	17.0833	Before	Interior Girder 5	17.0833	0.95	1	1	8.676901
Annual Permit 2_str	BOBJ1	17.0833	Before	Interior Girder 6	17.0833	0.95	1	1	9.171701
Annual Permit 2_str	BOBJ1	17.0833	Before	Right Exterior Girder	17.0833	0.95	1	1	12.936169
Annual Permit 2_str	BOBJ1	17.0833	After	Left Exterior Girder	17.0833	0.95	1	1	16.621124
Annual Permit 2_str	BOBJ1	17.0833	After	Interior Girder 1	17.0833	0.95	1	1	12.317617
Annual Permit 2_str	BOBJ1	17.0833	After	Interior Girder 2	17.0833	0.95	1	1	11.614896
Annual Permit 2_str	BOBJ1	17.0833	After	Interior Girder 3	17.0833	0.95	1	1	10.25103
Annual Permit 2_str	BOBJ1	17.0833	After	Interior Girder 4	17.0833	0.95	1	1	10.25103
Annual Permit 2_str	BOBJ1	17.0833	After	Interior Girder 5	17.0833	0.95	1	1	11.614896
Annual Permit 2_str	BOBJ1	17.0833	After	Interior Girder 6	17.0833	0.95	1	1	12.317617
Annual Permit 2_str	BOBJ1	17.0833	After	Right Exterior Girder	17.0833	0.95	1	1	16.621124
Annual Permit 2_str	BOBJ1	22.7	Before	Left Exterior Girder	22.7	0.95	1	1	16.782389
Annual Permit 2_str	BOBJ1	22.7	Before	Interior Girder 1	22.7	0.95	1	1	12.483282
Annual Permit 2_str	BOBJ1	22.7	Before	Interior Girder 2	22.7	0.95	1	1	11.770696
Annual Permit 2_str	BOBJ1	22.7	Before	Interior Girder 3	22.7	0.95	1	1	10.116846
Annual Permit 2_str	BOBJ1	22.7	Before	Interior Girder 4	22.7	0.95	1	1	10.116846
Annual Permit 2_str	BOBJ1	22.7	Before	Interior Girder 5	22.7	0.95	1	1	11.770696
Annual Permit 2_str	BOBJ1	22.7	Before	Interior Girder 6	22.7	0.95	1	1	12.483282
Annual Permit 2_str	BOBJ1	22.7	Before	Right Exterior Girder	22.7	0.95	1	1	16.782389
Annual Permit 2_str	BOBJ1	22.7	After	Left Exterior Girder	22.7	0.95	1	1	22.027641
Annual Permit 2_str	BOBJ1	22.7	After	Interior Girder 1	22.7	0.95	1	1	13.024514
Annual Permit 2_str	BOBJ1	22.7	After	Interior Girder 2	22.7	0.95	1	1	11.356628
Annual Permit 2_str	BOBJ1	22.7	After	Interior Girder 3	22.7	0.95	1	1	9.615548
Annual Permit 2_str	BOBJ1	22.7	After	Interior Girder 4	22.7	0.95	1	1	9.615548
Annual Permit 2_str	BOBJ1	22.7	After	Interior Girder 5	22.7	0.95	1	1	11.356628
Annual Permit 2_str	BOBJ1	22.7	After	Interior Girder 6	22.7	0.95	1	1	13.024514
Annual Permit 2_str	BOBJ1	22.7	After	Right Exterior Girder	22.7	0.95	1	1	22.027641
Annual Permit 2_str	BOBJ1	28.3167	Before	Left Exterior Girder	28.3167	0.95	1	1	21.8126
Annual Permit 2_str	BOBJ1	28.3167	Before	Interior Girder 1	28.3167	0.95	1	1	13.195482
Annual Permit 2_str	BOBJ1	28.3167	Before	Interior Girder 2	28.3167	0.95	1	1	11.506256

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Approach, Span 12-1									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Annual Permit 2_str	BOBJ1	28.3167	Before	Interior Girder 3	28.3167	0.95	1	1	9.742155
Annual Permit 2_str	BOBJ1	28.3167	Before	Interior Girder 4	28.3167	0.95	1	1	9.742155
Annual Permit 2_str	BOBJ1	28.3167	Before	Interior Girder 5	28.3167	0.95	1	1	11.506256
Annual Permit 2_str	BOBJ1	28.3167	Before	Interior Girder 6	28.3167	0.95	1	1	13.195482
Annual Permit 2_str	BOBJ1	28.3167	Before	Right Exterior Girder	28.3167	0.95	1	1	21.8126
Annual Permit 2_str	BOBJ1	28.3167	After	Left Exterior Girder	28.3167	0.95	1	1	15.059656
Annual Permit 2_str	BOBJ1	28.3167	After	Interior Girder 1	28.3167	0.95	1	1	9.574545
Annual Permit 2_str	BOBJ1	28.3167	After	Interior Girder 2	28.3167	0.95	1	1	8.787788
Annual Permit 2_str	BOBJ1	28.3167	After	Interior Girder 3	28.3167	0.95	1	1	7.575419
Annual Permit 2_str	BOBJ1	28.3167	After	Interior Girder 4	28.3167	0.95	1	1	7.575419
Annual Permit 2_str	BOBJ1	28.3167	After	Interior Girder 5	28.3167	0.95	1	1	8.787788
Annual Permit 2_str	BOBJ1	28.3167	After	Interior Girder 6	28.3167	0.95	1	1	9.574545
Annual Permit 2_str	BOBJ1	28.3167	After	Right Exterior Girder	28.3167	0.95	1	1	15.059656
Annual Permit 2_str	BOBJ1	33.9333	Before	Left Exterior Girder	33.9333	0.95	1	1	14.908462
Annual Permit 2_str	BOBJ1	33.9333	Before	Interior Girder 1	33.9333	0.95	1	1	9.444102
Annual Permit 2_str	BOBJ1	33.9333	Before	Interior Girder 2	33.9333	0.95	1	1	8.668496
Annual Permit 2_str	BOBJ1	33.9333	Before	Interior Girder 3	33.9333	0.95	1	1	7.472472
Annual Permit 2_str	BOBJ1	33.9333	Before	Interior Girder 4	33.9333	0.95	1	1	7.472472
Annual Permit 2_str	BOBJ1	33.9333	Before	Interior Girder 5	33.9333	0.95	1	1	8.668496
Annual Permit 2_str	BOBJ1	33.9333	Before	Interior Girder 6	33.9333	0.95	1	1	9.444102
Annual Permit 2_str	BOBJ1	33.9333	Before	Right Exterior Girder	33.9333	0.95	1	1	14.908462
Annual Permit 2_str	BOBJ1	33.9333	After	Left Exterior Girder	33.9333	0.95	1	1	11.633664
Annual Permit 2_str	BOBJ1	33.9333	After	Interior Girder 1	33.9333	0.95	1	1	7.200805
Annual Permit 2_str	BOBJ1	33.9333	After	Interior Girder 2	33.9333	0.95	1	1	6.624103
Annual Permit 2_str	BOBJ1	33.9333	After	Interior Girder 3	33.9333	0.95	1	1	5.73041
Annual Permit 2_str	BOBJ1	33.9333	After	Interior Girder 4	33.9333	0.95	1	1	5.73041
Annual Permit 2_str	BOBJ1	33.9333	After	Interior Girder 5	33.9333	0.95	1	1	6.624103
Annual Permit 2_str	BOBJ1	33.9333	After	Interior Girder 6	33.9333	0.95	1	1	7.200805
Annual Permit 2_str	BOBJ1	33.9333	After	Right Exterior Girder	33.9333	0.95	1	1	11.633664
Annual Permit 2_str	BOBJ1	39.55	Before	Left Exterior Girder	39.55	0.95	1	1	11.513389
Annual Permit 2_str	BOBJ1	39.55	Before	Interior Girder 1	39.55	0.95	1	1	7.100945
Annual Permit 2_str	BOBJ1	39.55	Before	Interior Girder 2	39.55	0.95	1	1	6.532532
Annual Permit 2_str	BOBJ1	39.55	Before	Interior Girder 3	39.55	0.95	1	1	5.651022
Annual Permit 2_str	BOBJ1	39.55	Before	Interior Girder 4	39.55	0.95	1	1	5.651022
Annual Permit 2_str	BOBJ1	39.55	Before	Interior Girder 5	39.55	0.95	1	1	6.532532
Annual Permit 2_str	BOBJ1	39.55	Before	Interior Girder 6	39.55	0.95	1	1	7.100945
Annual Permit 2_str	BOBJ1	39.55	Before	Right Exterior Girder	39.55	0.95	1	1	11.513389
Annual Permit 2_str	BOBJ1	39.55	After	Left Exterior Girder	39.55	0.95	1	1	7.940474
Annual Permit 2_str	BOBJ1	39.55	After	Interior Girder 1	39.55	0.95	1	1	6.508165
Annual Permit 2_str	BOBJ1	39.55	After	Interior Girder 2	39.55	0.95	1	1	6.249348
Annual Permit 2_str	BOBJ1	39.55	After	Interior Girder 3	39.55	0.95	1	1	5.315801
Annual Permit 2_str	BOBJ1	39.55	After	Interior Girder 4	39.55	0.95	1	1	5.315801
Annual Permit 2_str	BOBJ1	39.55	After	Interior Girder 5	39.55	0.95	1	1	6.249348
Annual Permit 2_str	BOBJ1	39.55	After	Interior Girder 6	39.55	0.95	1	1	6.508165
Annual Permit 2_str	BOBJ1	39.55	After	Right Exterior Girder	39.55	0.95	1	1	7.940474
Annual Permit 2_str	BOBJ1	45.1733	Before	Left Exterior Girder	45.1226	0.95	1	1	7.855764
Annual Permit 2_str	BOBJ1	45.1733	Before	Interior Girder 1	45.1226	0.95	1	1	6.415972
Annual Permit 2_str	BOBJ1	45.1733	Before	Interior Girder 2	45.1226	0.95	1	1	6.161481
Annual Permit 2_str	BOBJ1	45.1733	Before	Interior Girder 3	45.1226	0.95	1	1	5.240313
Annual Permit 2_str	BOBJ1	45.1733	Before	Interior Girder 4	45.1226	0.95	1	1	5.240313
Annual Permit 2_str	BOBJ1	45.1733	Before	Interior Girder 5	45.1226	0.95	1	1	6.161481
Annual Permit 2_str	BOBJ1	45.1733	Before	Interior Girder 6	45.1226	0.95	1	1	6.415972
Annual Permit 2_str	BOBJ1	45.1733	Before	Right Exterior Girder	45.1226	0.95	1	1	7.855764
Annual Permit 2_str	BOBJ1	45.1733	After	Left Exterior Girder	45.1226	0.95	1	1	5.421538
Annual Permit 2_str	BOBJ1	45.1733	After	Interior Girder 1	45.1226	0.95	1	1	4.253911
Annual Permit 2_str	BOBJ1	45.1733	After	Interior Girder 2	45.1226	0.95	1	1	4.038989
Annual Permit 2_str	BOBJ1	45.1733	After	Interior Girder 3	45.1226	0.95	1	1	3.356354
Annual Permit 2_str	BOBJ1	45.1733	After	Interior Girder 4	45.1226	0.95	1	1	3.356354
Annual Permit 2_str	BOBJ1	45.1733	After	Interior Girder 5	45.1226	0.95	1	1	4.038989
Annual Permit 2_str	BOBJ1	45.1733	After	Interior Girder 6	45.1226	0.95	1	1	4.253911
Annual Permit 2_str	BOBJ1	45.1733	After	Right Exterior Girder	45.1226	0.95	1	1	5.421538
Annual Permit 2_str	BOBJ1	49.2561	Before	Left Exterior Girder	49.2561	0.95	1	1	5.371393
Annual Permit 2_str	BOBJ1	49.2561	Before	Right Exterior Girder	49.2561	0.95	1	1	5.371393
Annual Permit 2_str	BOBJ1	49.2561	After	Left Exterior Girder	49.2561	0.95	1	1	4.791042
Annual Permit 2_str	BOBJ1	49.2561	After	Right Exterior Girder	49.2561	0.95	1	1	4.791042

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Approach, Span 12-1									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Annual Permit 2_str	BOBJ1	50.7967	Before	Left Exterior Girder	50.7967	0.95	1	1	4.772173
Annual Permit 2_str	BOBJ1	50.7967	Before	Interior Girder 1	50.7967	0.95	1	1	3.484917
Annual Permit 2_str	BOBJ1	50.7967	Before	Interior Girder 2	50.7967	0.95	1	1	3.972587
Annual Permit 2_str	BOBJ1	50.7967	Before	Interior Girder 3	50.7967	0.95	1	1	3.30033
Annual Permit 2_str	BOBJ1	50.7967	Before	Interior Girder 4	50.7967	0.95	1	1	3.30033
Annual Permit 2_str	BOBJ1	50.7967	Before	Interior Girder 5	50.7967	0.95	1	1	3.972587
Annual Permit 2_str	BOBJ1	50.7967	Before	Interior Girder 6	50.7967	0.95	1	1	3.484917
Annual Permit 2_str	BOBJ1	50.7967	Before	Right Exterior Girder	50.7967	0.95	1	1	4.772173
Annual Permit 2_str	BOBJ1	50.7967	After	Left Exterior Girder	50.7967	0.95	1	1	4.665889
Annual Permit 2_str	BOBJ1	50.7967	After	Interior Girder 1	50.7967	0.95	1	1	2.702949
Annual Permit 2_str	BOBJ1	50.7967	After	Interior Girder 2	50.7967	0.95	1	1	2.895182
Annual Permit 2_str	BOBJ1	50.7967	After	Interior Girder 3	50.7967	0.95	1	1	2.358384
Annual Permit 2_str	BOBJ1	50.7967	After	Interior Girder 4	50.7967	0.95	1	1	2.358384
Annual Permit 2_str	BOBJ1	50.7967	After	Interior Girder 5	50.7967	0.95	1	1	2.895182
Annual Permit 2_str	BOBJ1	50.7967	After	Interior Girder 6	50.7967	0.95	1	1	2.702949
Annual Permit 2_str	BOBJ1	50.7967	After	Right Exterior Girder	50.7967	0.95	1	1	4.665889
Annual Permit 2_str	BOBJ1	51.3989	Before	Interior Girder 1	51.3989	0.95	1	1	2.697939
Annual Permit 2_str	BOBJ1	51.3989	Before	Interior Girder 2	51.3989	0.95	1	1	2.889987
Annual Permit 2_str	BOBJ1	51.3989	Before	Interior Girder 3	51.3989	0.95	1	1	2.35407
Annual Permit 2_str	BOBJ1	51.3989	Before	Interior Girder 4	51.3989	0.95	1	1	2.35407
Annual Permit 2_str	BOBJ1	51.3989	Before	Interior Girder 5	51.3989	0.95	1	1	2.889987
Annual Permit 2_str	BOBJ1	51.3989	Before	Interior Girder 6	51.3989	0.95	1	1	2.697939
Annual Permit 2_str	BOBJ1	51.3989	After	Interior Girder 1	51.3989	0.95	1	1	3.224091
Annual Permit 2_str	BOBJ1	51.3989	After	Interior Girder 2	51.3989	0.95	1	1	3.067069
Annual Permit 2_str	BOBJ1	51.3989	After	Interior Girder 3	51.3989	0.95	1	1	2.519954
Annual Permit 2_str	BOBJ1	51.3989	After	Interior Girder 4	51.3989	0.95	1	1	2.519954
Annual Permit 2_str	BOBJ1	51.3989	After	Interior Girder 5	51.3989	0.95	1	1	3.067069
Annual Permit 2_str	BOBJ1	51.3989	After	Interior Girder 6	51.3989	0.95	1	1	3.224091
Annual Permit 2_str	BOBJ1	56.42	Before	Left Exterior Girder	56.42	0.95	1	1	4.44533
Annual Permit 2_str	BOBJ1	56.42	Before	Interior Girder 1	56.42	0.95	1	1	3.172906
Annual Permit 2_str	BOBJ1	56.42	Before	Interior Girder 2	56.42	0.95	1	1	3.018773
Annual Permit 2_str	BOBJ1	56.42	Before	Interior Girder 3	56.42	0.95	1	1	2.479422
Annual Permit 2_str	BOBJ1	56.42	Before	Interior Girder 4	56.42	0.95	1	1	2.479422
Annual Permit 2_str	BOBJ1	56.42	Before	Interior Girder 5	56.42	0.95	1	1	3.018773
Annual Permit 2_str	BOBJ1	56.42	Before	Interior Girder 6	56.42	0.95	1	1	3.172906
Annual Permit 2_str	BOBJ1	56.42	Before	Right Exterior Girder	56.42	0.95	1	1	4.44533
Annual Permit 2_str	BOBJ1	56.42	After	Left Exterior Girder	0	0.95	1	1	4.181899
Annual Permit 2_str	BOBJ1	56.42	After	Interior Girder 1	0	0.95	1	1	3.128449
Annual Permit 2_str	BOBJ1	56.42	After	Interior Girder 2	0	0.95	1	1	3.000513
Annual Permit 2_str	BOBJ1	56.42	After	Interior Girder 3	0	0.95	1	1	2.475807
Annual Permit 2_str	BOBJ1	56.42	After	Interior Girder 4	0	0.95	1	1	2.475807
Annual Permit 2_str	BOBJ1	56.42	After	Interior Girder 5	0	0.95	1	1	3.000513
Annual Permit 2_str	BOBJ1	56.42	After	Interior Girder 6	0	0.95	1	1	3.128449
Annual Permit 2_str	BOBJ1	56.42	After	Right Exterior Girder	0	0.95	1	1	4.181899
Annual Permit 2_str	BOBJ1	62.0367	Before	Left Exterior Girder	5.6167	0.95	1	1	4.245499
Annual Permit 2_str	BOBJ1	62.0367	Before	Interior Girder 1	5.6167	0.95	1	1	3.184362
Annual Permit 2_str	BOBJ1	62.0367	Before	Interior Girder 2	5.6167	0.95	1	1	3.053746
Annual Permit 2_str	BOBJ1	62.0367	Before	Interior Girder 3	5.6167	0.95	1	1	2.520694
Annual Permit 2_str	BOBJ1	62.0367	Before	Interior Girder 4	5.6167	0.95	1	1	2.520694
Annual Permit 2_str	BOBJ1	62.0367	Before	Interior Girder 5	5.6167	0.95	1	1	3.053746
Annual Permit 2_str	BOBJ1	62.0367	Before	Interior Girder 6	5.6167	0.95	1	1	3.184362
Annual Permit 2_str	BOBJ1	62.0367	Before	Right Exterior Girder	5.6167	0.95	1	1	4.245499
Annual Permit 2_str	BOBJ1	62.0367	After	Left Exterior Girder	5.6167	0.95	1	1	6.478189
Annual Permit 2_str	BOBJ1	62.0367	After	Interior Girder 1	5.6167	0.95	1	1	3.138289
Annual Permit 2_str	BOBJ1	62.0367	After	Interior Girder 2	5.6167	0.95	1	1	3.632289
Annual Permit 2_str	BOBJ1	62.0367	After	Interior Girder 3	5.6167	0.95	1	1	3.067551
Annual Permit 2_str	BOBJ1	62.0367	After	Interior Girder 4	5.6167	0.95	1	1	3.067551
Annual Permit 2_str	BOBJ1	62.0367	After	Interior Girder 5	5.6167	0.95	1	1	3.632289
Annual Permit 2_str	BOBJ1	62.0367	After	Interior Girder 6	5.6167	0.95	1	1	3.138289
Annual Permit 2_str	BOBJ1	62.0367	After	Right Exterior Girder	5.6167	0.95	1	1	6.478189
Annual Permit 2_str	BOBJ1	62.4203	Before	Interior Girder 1	6.0003	0.95	1	1	3.142131
Annual Permit 2_str	BOBJ1	62.4203	Before	Interior Girder 2	6.0003	0.95	1	1	3.636606
Annual Permit 2_str	BOBJ1	62.4203	Before	Interior Girder 3	6.0003	0.95	1	1	3.071269
Annual Permit 2_str	BOBJ1	62.4203	Before	Interior Girder 4	6.0003	0.95	1	1	3.071269
Annual Permit 2_str	BOBJ1	62.4203	Before	Interior Girder 5	6.0003	0.95	1	1	3.636606

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Approach, Span 12-1									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Annual Permit 2_str	BOBJ1	62.4203	Before	Interior Girder 6	6.0003	0.95	1	1	3.142131
Annual Permit 2_str	BOBJ1	62.4203	After	Interior Girder 1	6.0003	0.95	1	1	3.153953
Annual Permit 2_str	BOBJ1	62.4203	After	Interior Girder 2	6.0003	0.95	1	1	3.901154
Annual Permit 2_str	BOBJ1	62.4203	After	Interior Girder 3	6.0003	0.95	1	1	3.327925
Annual Permit 2_str	BOBJ1	62.4203	After	Interior Girder 4	6.0003	0.95	1	1	3.327925
Annual Permit 2_str	BOBJ1	62.4203	After	Interior Girder 5	6.0003	0.95	1	1	3.901154
Annual Permit 2_str	BOBJ1	62.4203	After	Interior Girder 6	6.0003	0.95	1	1	3.153953
Annual Permit 2_str	BOBJ1	64.9204	Before	Left Exterior Girder	8.5004	0.95	1	1	4.703087
Annual Permit 2_str	BOBJ1	64.9204	Before	Right Exterior Girder	8.5004	0.95	1	1	4.703087
Annual Permit 2_str	BOBJ1	64.9204	After	Left Exterior Girder	8.5004	0.95	1	1	4.759362
Annual Permit 2_str	BOBJ1	64.9204	After	Right Exterior Girder	8.5004	0.95	1	1	4.759362
Annual Permit 2_str	BOBJ1	67.6533	Before	Left Exterior Girder	11.2333	0.95	1	1	4.78834
Annual Permit 2_str	BOBJ1	67.6533	Before	Interior Girder 1	11.2333	0.95	1	1	4.184774
Annual Permit 2_str	BOBJ1	67.6533	Before	Interior Girder 2	11.2333	0.95	1	1	3.961248
Annual Permit 2_str	BOBJ1	67.6533	Before	Interior Girder 3	11.2333	0.95	1	1	3.380008
Annual Permit 2_str	BOBJ1	67.6533	Before	Interior Girder 4	11.2333	0.95	1	1	3.380008
Annual Permit 2_str	BOBJ1	67.6533	Before	Interior Girder 5	11.2333	0.95	1	1	3.961248
Annual Permit 2_str	BOBJ1	67.6533	Before	Interior Girder 6	11.2333	0.95	1	1	4.184774
Annual Permit 2_str	BOBJ1	67.6533	Before	Right Exterior Girder	11.2333	0.95	1	1	4.78834
Annual Permit 2_str	BOBJ1	67.6533	After	Left Exterior Girder	11.2333	0.95	1	1	5.740387
Annual Permit 2_str	BOBJ1	67.6533	After	Interior Girder 1	11.2333	0.95	1	1	5.145217
Annual Permit 2_str	BOBJ1	67.6533	After	Interior Girder 2	11.2333	0.95	1	1	5.056181
Annual Permit 2_str	BOBJ1	67.6533	After	Interior Girder 3	11.2333	0.95	1	1	4.401307
Annual Permit 2_str	BOBJ1	67.6533	After	Interior Girder 4	11.2333	0.95	1	1	4.401307
Annual Permit 2_str	BOBJ1	67.6533	After	Interior Girder 5	11.2333	0.95	1	1	5.056181
Annual Permit 2_str	BOBJ1	67.6533	After	Interior Girder 6	11.2333	0.95	1	1	5.145217
Annual Permit 2_str	BOBJ1	67.6533	After	Right Exterior Girder	11.2333	0.95	1	1	5.740387
Annual Permit 2_str	BOBJ1	73.27	Before	Left Exterior Girder	16.85	0.95	1	1	5.810042
Annual Permit 2_str	BOBJ1	73.27	Before	Interior Girder 1	16.85	0.95	1	1	5.229294
Annual Permit 2_str	BOBJ1	73.27	Before	Interior Girder 2	16.85	0.95	1	1	5.138145
Annual Permit 2_str	BOBJ1	73.27	Before	Interior Girder 3	16.85	0.95	1	1	4.473551
Annual Permit 2_str	BOBJ1	73.27	Before	Interior Girder 4	16.85	0.95	1	1	4.473551
Annual Permit 2_str	BOBJ1	73.27	Before	Interior Girder 5	16.85	0.95	1	1	5.138145
Annual Permit 2_str	BOBJ1	73.27	Before	Interior Girder 6	16.85	0.95	1	1	5.229294
Annual Permit 2_str	BOBJ1	73.27	Before	Right Exterior Girder	16.85	0.95	1	1	5.810042
Annual Permit 2_str	BOBJ1	73.27	After	Left Exterior Girder	16.85	0.95	1	1	8.629623
Annual Permit 2_str	BOBJ1	73.27	After	Interior Girder 1	16.85	0.95	1	1	5.721171
Annual Permit 2_str	BOBJ1	73.27	After	Interior Girder 2	16.85	0.95	1	1	5.373359
Annual Permit 2_str	BOBJ1	73.27	After	Interior Girder 3	16.85	0.95	1	1	4.717851
Annual Permit 2_str	BOBJ1	73.27	After	Interior Girder 4	16.85	0.95	1	1	4.717851
Annual Permit 2_str	BOBJ1	73.27	After	Interior Girder 5	16.85	0.95	1	1	5.373359
Annual Permit 2_str	BOBJ1	73.27	After	Interior Girder 6	16.85	0.95	1	1	5.721171
Annual Permit 2_str	BOBJ1	73.27	After	Right Exterior Girder	16.85	0.95	1	1	8.629623
Annual Permit 2_str	BOBJ1	78.8867	Before	Left Exterior Girder	22.4667	0.95	1	1	8.730613
Annual Permit 2_str	BOBJ1	78.8867	Before	Interior Girder 1	22.4667	0.95	1	1	5.81252
Annual Permit 2_str	BOBJ1	78.8867	Before	Interior Girder 2	22.4667	0.95	1	1	5.458917
Annual Permit 2_str	BOBJ1	78.8867	Before	Interior Girder 3	22.4667	0.95	1	1	4.793188
Annual Permit 2_str	BOBJ1	78.8867	Before	Interior Girder 4	22.4667	0.95	1	1	4.793188
Annual Permit 2_str	BOBJ1	78.8867	Before	Interior Girder 5	22.4667	0.95	1	1	5.458917
Annual Permit 2_str	BOBJ1	78.8867	Before	Interior Girder 6	22.4667	0.95	1	1	5.81252
Annual Permit 2_str	BOBJ1	78.8867	Before	Right Exterior Girder	22.4667	0.95	1	1	8.730613
Annual Permit 2_str	BOBJ1	78.8867	After	Left Exterior Girder	22.4667	0.95	1	1	11.008517
Annual Permit 2_str	BOBJ1	78.8867	After	Interior Girder 1	22.4667	0.95	1	1	7.667476
Annual Permit 2_str	BOBJ1	78.8867	After	Interior Girder 2	22.4667	0.95	1	1	7.210987
Annual Permit 2_str	BOBJ1	78.8867	After	Interior Girder 3	22.4667	0.95	1	1	6.36925
Annual Permit 2_str	BOBJ1	78.8867	After	Interior Girder 4	22.4667	0.95	1	1	6.36925
Annual Permit 2_str	BOBJ1	78.8867	After	Interior Girder 5	22.4667	0.95	1	1	7.210987
Annual Permit 2_str	BOBJ1	78.8867	After	Interior Girder 6	22.4667	0.95	1	1	7.667476
Annual Permit 2_str	BOBJ1	78.8867	After	Right Exterior Girder	22.4667	0.95	1	1	11.008517
Annual Permit 2_str	BOBJ1	84.5033	Before	Left Exterior Girder	28.0833	0.95	1	1	11.132986
Annual Permit 2_str	BOBJ1	84.5033	Before	Interior Girder 1	28.0833	0.95	1	1	7.787417
Annual Permit 2_str	BOBJ1	84.5033	Before	Interior Girder 2	28.0833	0.95	1	1	7.323408
Annual Permit 2_str	BOBJ1	84.5033	Before	Interior Girder 3	28.0833	0.95	1	1	6.468705
Annual Permit 2_str	BOBJ1	84.5033	Before	Interior Girder 4	28.0833	0.95	1	1	6.468705
Annual Permit 2_str	BOBJ1	84.5033	Before	Interior Girder 5	28.0833	0.95	1	1	7.323408

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Approach, Span 12-1									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Annual Permit 2_str	BOBJ1	84.5033	Before	Interior Girder 6	28.0833	0.95	1	1	7.787417
Annual Permit 2_str	BOBJ1	84.5033	Before	Right Exterior Girder	28.0833	0.95	1	1	11.132986
Annual Permit 2_str	BOBJ1	84.5033	After	Left Exterior Girder	28.0833	0.95	1	1	14.294185
Annual Permit 2_str	BOBJ1	84.5033	After	Interior Girder 1	28.0833	0.95	1	1	10.349548
Annual Permit 2_str	BOBJ1	84.5033	After	Interior Girder 2	28.0833	0.95	1	1	9.562545
Annual Permit 2_str	BOBJ1	84.5033	After	Interior Girder 3	28.0833	0.95	1	1	8.114426
Annual Permit 2_str	BOBJ1	84.5033	After	Interior Girder 4	28.0833	0.95	1	1	8.114426
Annual Permit 2_str	BOBJ1	84.5033	After	Interior Girder 5	28.0833	0.95	1	1	9.562545
Annual Permit 2_str	BOBJ1	84.5033	After	Interior Girder 6	28.0833	0.95	1	1	10.349548
Annual Permit 2_str	BOBJ1	84.5033	After	Right Exterior Girder	28.0833	0.95	1	1	14.294185
Annual Permit 2_str	BOBJ1	90.12	Before	Left Exterior Girder	33.7	0.95	1	1	14.450586
Annual Permit 2_str	BOBJ1	90.12	Before	Interior Girder 1	33.7	0.95	1	1	10.508138
Annual Permit 2_str	BOBJ1	90.12	Before	Interior Girder 2	33.7	0.95	1	1	9.421477
Annual Permit 2_str	BOBJ1	90.12	Before	Interior Girder 3	33.7	0.95	1	1	7.994832
Annual Permit 2_str	BOBJ1	90.12	Before	Interior Girder 4	33.7	0.95	1	1	7.994832
Annual Permit 2_str	BOBJ1	90.12	Before	Interior Girder 5	33.7	0.95	1	1	9.421477
Annual Permit 2_str	BOBJ1	90.12	Before	Interior Girder 6	33.7	0.95	1	1	10.508138
Annual Permit 2_str	BOBJ1	90.12	Before	Right Exterior Girder	33.7	0.95	1	1	14.450586
Annual Permit 2_str	BOBJ1	90.12	After	Left Exterior Girder	33.7	0.95	1	1	15.160036
Annual Permit 2_str	BOBJ1	90.12	After	Interior Girder 1	33.7	0.95	1	1	10.684079
Annual Permit 2_str	BOBJ1	90.12	After	Interior Girder 2	33.7	0.95	1	1	9.37734
Annual Permit 2_str	BOBJ1	90.12	After	Interior Girder 3	33.7	0.95	1	1	7.975473
Annual Permit 2_str	BOBJ1	90.12	After	Interior Girder 4	33.7	0.95	1	1	7.975473
Annual Permit 2_str	BOBJ1	90.12	After	Interior Girder 5	33.7	0.95	1	1	9.37734
Annual Permit 2_str	BOBJ1	90.12	After	Interior Girder 6	33.7	0.95	1	1	10.684079
Annual Permit 2_str	BOBJ1	90.12	After	Right Exterior Girder	33.7	0.95	1	1	15.160036
Annual Permit 2_str	BOBJ1	95.7367	Before	Left Exterior Girder	39.3167	0.95	1	1	14.995989
Annual Permit 2_str	BOBJ1	95.7367	Before	Interior Girder 1	39.3167	0.95	1	1	10.522768
Annual Permit 2_str	BOBJ1	95.7367	Before	Interior Girder 2	39.3167	0.95	1	1	9.51766
Annual Permit 2_str	BOBJ1	95.7367	Before	Interior Girder 3	39.3167	0.95	1	1	8.094685
Annual Permit 2_str	BOBJ1	95.7367	Before	Interior Girder 4	39.3167	0.95	1	1	8.094685
Annual Permit 2_str	BOBJ1	95.7367	Before	Interior Girder 5	39.3167	0.95	1	1	9.51766
Annual Permit 2_str	BOBJ1	95.7367	Before	Interior Girder 6	39.3167	0.95	1	1	10.522768
Annual Permit 2_str	BOBJ1	95.7367	Before	Right Exterior Girder	39.3167	0.95	1	1	14.995989
Annual Permit 2_str	BOBJ1	95.7367	After	Left Exterior Girder	39.3167	0.95	1	1	11.524911
Annual Permit 2_str	BOBJ1	95.7367	After	Interior Girder 1	39.3167	0.95	1	1	7.892892
Annual Permit 2_str	BOBJ1	95.7367	After	Interior Girder 2	39.3167	0.95	1	1	7.400383
Annual Permit 2_str	BOBJ1	95.7367	After	Interior Girder 3	39.3167	0.95	1	1	6.504977
Annual Permit 2_str	BOBJ1	95.7367	After	Interior Girder 4	39.3167	0.95	1	1	6.504977
Annual Permit 2_str	BOBJ1	95.7367	After	Interior Girder 5	39.3167	0.95	1	1	7.400383
Annual Permit 2_str	BOBJ1	95.7367	After	Interior Girder 6	39.3167	0.95	1	1	7.892892
Annual Permit 2_str	BOBJ1	95.7367	After	Right Exterior Girder	39.3167	0.95	1	1	11.524911
Annual Permit 2_str	BOBJ1	101.3533	Before	Left Exterior Girder	44.9333	0.95	1	1	11.396086
Annual Permit 2_str	BOBJ1	101.3533	Before	Interior Girder 1	44.9333	0.95	1	1	7.771278
Annual Permit 2_str	BOBJ1	101.3533	Before	Interior Girder 2	44.9333	0.95	1	1	7.286707
Annual Permit 2_str	BOBJ1	101.3533	Before	Interior Girder 3	44.9333	0.95	1	1	6.404885
Annual Permit 2_str	BOBJ1	101.3533	Before	Interior Girder 4	44.9333	0.95	1	1	6.404885
Annual Permit 2_str	BOBJ1	101.3533	Before	Interior Girder 5	44.9333	0.95	1	1	7.286707
Annual Permit 2_str	BOBJ1	101.3533	Before	Interior Girder 6	44.9333	0.95	1	1	7.771278
Annual Permit 2_str	BOBJ1	101.3533	Before	Right Exterior Girder	44.9333	0.95	1	1	11.396086
Annual Permit 2_str	BOBJ1	101.3533	After	Left Exterior Girder	44.9333	0.95	1	1	8.951798
Annual Permit 2_str	BOBJ1	101.3533	After	Interior Girder 1	44.9333	0.95	1	1	5.878948
Annual Permit 2_str	BOBJ1	101.3533	After	Interior Girder 2	44.9333	0.95	1	1	5.504874
Annual Permit 2_str	BOBJ1	101.3533	After	Interior Girder 3	44.9333	0.95	1	1	4.81539
Annual Permit 2_str	BOBJ1	101.3533	After	Interior Girder 4	44.9333	0.95	1	1	4.81539
Annual Permit 2_str	BOBJ1	101.3533	After	Interior Girder 5	44.9333	0.95	1	1	5.504874
Annual Permit 2_str	BOBJ1	101.3533	After	Interior Girder 6	44.9333	0.95	1	1	5.878948
Annual Permit 2_str	BOBJ1	101.3533	After	Right Exterior Girder	44.9333	0.95	1	1	8.951798
Annual Permit 2_str	BOBJ1	106.97	Before	Left Exterior Girder	50.55	0.95	1	1	8.848272
Annual Permit 2_str	BOBJ1	106.97	Before	Interior Girder 1	50.55	0.95	1	1	5.786519
Annual Permit 2_str	BOBJ1	106.97	Before	Interior Girder 2	50.55	0.95	1	1	5.418536
Annual Permit 2_str	BOBJ1	106.97	Before	Interior Girder 3	50.55	0.95	1	1	4.739642
Annual Permit 2_str	BOBJ1	106.97	Before	Interior Girder 4	50.55	0.95	1	1	4.739642
Annual Permit 2_str	BOBJ1	106.97	Before	Interior Girder 5	50.55	0.95	1	1	5.418536
Annual Permit 2_str	BOBJ1	106.97	Before	Interior Girder 6	50.55	0.95	1	1	5.786519

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Approach, Span 12-1									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Annual Permit 2_str	BOBJ1	106.97	Before	Right Exterior Girder	50.55	0.95	1	1	8.848272
Annual Permit 2_str	BOBJ1	106.97	After	Left Exterior Girder	50.55	0.95	1	1	5.936756
Annual Permit 2_str	BOBJ1	106.97	After	Interior Girder 1	50.55	0.95	1	1	5.315797
Annual Permit 2_str	BOBJ1	106.97	After	Interior Girder 2	50.55	0.95	1	1	5.206447
Annual Permit 2_str	BOBJ1	106.97	After	Interior Girder 3	50.55	0.95	1	1	4.524106
Annual Permit 2_str	BOBJ1	106.97	After	Interior Girder 4	50.55	0.95	1	1	4.524106
Annual Permit 2_str	BOBJ1	106.97	After	Interior Girder 5	50.55	0.95	1	1	5.206447
Annual Permit 2_str	BOBJ1	106.97	After	Interior Girder 6	50.55	0.95	1	1	5.315797
Annual Permit 2_str	BOBJ1	106.97	After	Right Exterior Girder	50.55	0.95	1	1	5.936756
Annual Permit 2_str	BOBJ1	112.5933	Before	Left Exterior Girder	56.1733	0.95	1	1	5.865522
Annual Permit 2_str	BOBJ1	112.5933	Before	Interior Girder 1	56.1733	0.95	1	1	5.230196
Annual Permit 2_str	BOBJ1	112.5933	Before	Interior Girder 2	56.1733	0.95	1	1	5.123219
Annual Permit 2_str	BOBJ1	112.5933	Before	Interior Girder 3	56.1733	0.95	1	1	4.450902
Annual Permit 2_str	BOBJ1	112.5933	Before	Interior Girder 4	56.1733	0.95	1	1	4.450902
Annual Permit 2_str	BOBJ1	112.5933	Before	Interior Girder 5	56.1733	0.95	1	1	5.123219
Annual Permit 2_str	BOBJ1	112.5933	Before	Interior Girder 6	56.1733	0.95	1	1	5.230196
Annual Permit 2_str	BOBJ1	112.5933	Before	Right Exterior Girder	56.1733	0.95	1	1	5.865522
Annual Permit 2_str	BOBJ1	112.5933	After	Left Exterior Girder	56.1733	0.95	1	1	4.907054
Annual Permit 2_str	BOBJ1	112.5933	After	Interior Girder 1	56.1733	0.95	1	1	4.220493
Annual Permit 2_str	BOBJ1	112.5933	After	Interior Girder 2	56.1733	0.95	1	1	4.004143
Annual Permit 2_str	BOBJ1	112.5933	After	Interior Girder 3	56.1733	0.95	1	1	3.413486
Annual Permit 2_str	BOBJ1	112.5933	After	Interior Girder 4	56.1733	0.95	1	1	3.413486
Annual Permit 2_str	BOBJ1	112.5933	After	Interior Girder 5	56.1733	0.95	1	1	4.004143
Annual Permit 2_str	BOBJ1	112.5933	After	Interior Girder 6	56.1733	0.95	1	1	4.220493
Annual Permit 2_str	BOBJ1	112.5933	After	Right Exterior Girder	56.1733	0.95	1	1	4.907054
Annual Permit 2_str	BOBJ1	115.3396	Before	Left Exterior Girder	58.9196	0.95	1	1	4.877232
Annual Permit 2_str	BOBJ1	115.3396	Before	Right Exterior Girder	58.9196	0.95	1	1	4.877232
Annual Permit 2_str	BOBJ1	115.3396	After	Left Exterior Girder	58.9196	0.95	1	1	4.7945
Annual Permit 2_str	BOBJ1	115.3396	After	Right Exterior Girder	58.9196	0.95	1	1	4.7945
Annual Permit 2_str	BOBJ1	118.2167	Before	Left Exterior Girder	61.7967	0.95	1	1	4.758688
Annual Permit 2_str	BOBJ1	118.2167	Before	Interior Girder 1	61.9198	0.95	1	1	4.140863
Annual Permit 2_str	BOBJ1	118.2167	Before	Interior Girder 2	61.9198	0.95	1	1	3.938788
Annual Permit 2_str	BOBJ1	118.2167	Before	Interior Girder 3	61.9198	0.95	1	1	3.356905
Annual Permit 2_str	BOBJ1	118.2167	Before	Interior Girder 4	61.9198	0.95	1	1	3.356905
Annual Permit 2_str	BOBJ1	118.2167	Before	Interior Girder 5	61.9198	0.95	1	1	3.938788
Annual Permit 2_str	BOBJ1	118.2167	Before	Interior Girder 6	61.9198	0.95	1	1	4.140863
Annual Permit 2_str	BOBJ1	118.2167	Before	Right Exterior Girder	61.7967	0.95	1	1	4.758688
Annual Permit 2_str	BOBJ1	118.2167	After	Left Exterior Girder	61.7967	0.95	1	1	4.298132
Annual Permit 2_str	BOBJ1	118.2167	After	Interior Girder 1	61.9198	0.95	1	1	3.214991
Annual Permit 2_str	BOBJ1	118.2167	After	Interior Girder 2	61.9198	0.95	1	1	3.071982
Annual Permit 2_str	BOBJ1	118.2167	After	Interior Girder 3	61.9198	0.95	1	1	2.533793
Annual Permit 2_str	BOBJ1	118.2167	After	Interior Girder 4	61.9198	0.95	1	1	2.533793
Annual Permit 2_str	BOBJ1	118.2167	After	Interior Girder 5	61.9198	0.95	1	1	3.071982
Annual Permit 2_str	BOBJ1	118.2167	After	Interior Girder 6	61.9198	0.95	1	1	3.214991
Annual Permit 2_str	BOBJ1	118.2167	After	Right Exterior Girder	61.7967	0.95	1	1	4.298132
Annual Permit 2_str	BOBJ1	123.84	Before	Left Exterior Girder	67.42	0.95	1	1	4.2337
Annual Permit 2_str	BOBJ1	123.84	Before	Interior Girder 1	67.42	0.95	1	1	3.158447
Annual Permit 2_str	BOBJ1	123.84	Before	Interior Girder 2	67.42	0.95	1	1	3.018306
Annual Permit 2_str	BOBJ1	123.84	Before	Interior Girder 3	67.42	0.95	1	1	2.488584
Annual Permit 2_str	BOBJ1	123.84	Before	Interior Girder 4	67.42	0.95	1	1	2.488584
Annual Permit 2_str	BOBJ1	123.84	Before	Interior Girder 5	67.42	0.95	1	1	3.018306
Annual Permit 2_str	BOBJ1	123.84	Before	Interior Girder 6	67.42	0.95	1	1	3.158447
Annual Permit 2_str	BOBJ1	123.84	Before	Right Exterior Girder	67.42	0.95	1	1	4.2337
Annual Permit 2_str	BOBJ1	123.84	After	Left Exterior Girder	0	0.95	1	1	4.320066
Annual Permit 2_str	BOBJ1	123.84	After	Interior Girder 1	0	0.95	1	1	3.18987
Annual Permit 2_str	BOBJ1	123.84	After	Interior Girder 2	0	0.95	1	1	3.055006
Annual Permit 2_str	BOBJ1	123.84	After	Interior Girder 3	0	0.95	1	1	2.500567
Annual Permit 2_str	BOBJ1	123.84	After	Interior Girder 4	0	0.95	1	1	2.500567
Annual Permit 2_str	BOBJ1	123.84	After	Interior Girder 5	0	0.95	1	1	3.055006
Annual Permit 2_str	BOBJ1	123.84	After	Interior Girder 6	0	0.95	1	1	3.18987
Annual Permit 2_str	BOBJ1	123.84	After	Right Exterior Girder	0	0.95	1	1	4.320066
Annual Permit 2_str	BOBJ1	129.34	Before	Interior Girder 1	5.5	0.95	1	1	3.245786
Annual Permit 2_str	BOBJ1	129.34	Before	Interior Girder 2	5.5	0.95	1	1	3.108141
Annual Permit 2_str	BOBJ1	129.34	Before	Interior Girder 3	5.5	0.95	1	1	2.545104
Annual Permit 2_str	BOBJ1	129.34	Before	Interior Girder 4	5.5	0.95	1	1	2.545104

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Approach, Span 12-1									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Annual Permit 2_str	BOBJ1	129.34	Before	Interior Girder 5	5.5	0.95	1	1	3.108141
Annual Permit 2_str	BOBJ1	129.34	Before	Interior Girder 6	5.5	0.95	1	1	3.245786
Annual Permit 2_str	BOBJ1	129.34	After	Interior Girder 1	5.5	0.95	1	1	3.05862
Annual Permit 2_str	BOBJ1	129.34	After	Interior Girder 2	5.5	0.95	1	1	3.228109
Annual Permit 2_str	BOBJ1	129.34	After	Interior Girder 3	5.5	0.95	1	1	2.641038
Annual Permit 2_str	BOBJ1	129.34	After	Interior Girder 4	5.5	0.95	1	1	2.641038
Annual Permit 2_str	BOBJ1	129.34	After	Interior Girder 5	5.5	0.95	1	1	3.228109
Annual Permit 2_str	BOBJ1	129.34	After	Interior Girder 6	5.5	0.95	1	1	3.05862
Annual Permit 2_str	BOBJ1	130.79	Before	Left Exterior Girder	6.95	0.95	1	1	3.939315
Annual Permit 2_str	BOBJ1	130.79	Before	Interior Girder 1	6.95	0.95	1	1	3.072032
Annual Permit 2_str	BOBJ1	130.79	Before	Interior Girder 2	6.95	0.95	1	1	3.241939
Annual Permit 2_str	BOBJ1	130.79	Before	Interior Girder 3	6.95	0.95	1	1	2.652595
Annual Permit 2_str	BOBJ1	130.79	Before	Interior Girder 4	6.95	0.95	1	1	2.652595
Annual Permit 2_str	BOBJ1	130.79	Before	Interior Girder 5	6.95	0.95	1	1	3.241939
Annual Permit 2_str	BOBJ1	130.79	Before	Interior Girder 6	6.95	0.95	1	1	3.072032
Annual Permit 2_str	BOBJ1	130.79	Before	Right Exterior Girder	6.95	0.95	1	1	3.939315
Annual Permit 2_str	BOBJ1	130.79	After	Left Exterior Girder	6.95	0.95	1	1	4.310247
Annual Permit 2_str	BOBJ1	130.79	After	Interior Girder 1	6.95	0.95	1	1	4.409828
Annual Permit 2_str	BOBJ1	130.79	After	Interior Girder 2	6.95	0.95	1	1	4.496384
Annual Permit 2_str	BOBJ1	130.79	After	Interior Girder 3	6.95	0.95	1	1	3.86067
Annual Permit 2_str	BOBJ1	130.79	After	Interior Girder 4	6.95	0.95	1	1	3.86067
Annual Permit 2_str	BOBJ1	130.79	After	Interior Girder 5	6.95	0.95	1	1	4.496384
Annual Permit 2_str	BOBJ1	130.79	After	Interior Girder 6	6.95	0.95	1	1	4.409828
Annual Permit 2_str	BOBJ1	130.79	After	Right Exterior Girder	6.95	0.95	1	1	4.310247
Annual Permit 2_str	BOBJ1	132.34	Before	Left Exterior Girder	8.5	0.95	1	1	4.327951
Annual Permit 2_str	BOBJ1	132.34	Before	Right Exterior Girder	8.5	0.95	1	1	4.327951
Annual Permit 2_str	BOBJ1	132.34	After	Left Exterior Girder	8.5	0.95	1	1	5.181257
Annual Permit 2_str	BOBJ1	132.34	After	Right Exterior Girder	8.5	0.95	1	1	5.181257
Annual Permit 2_str	BOBJ1	137.74	Before	Left Exterior Girder	13.9	0.95	1	1	5.243067
Annual Permit 2_str	BOBJ1	137.74	Before	Interior Girder 1	13.9	0.95	1	1	4.697346
Annual Permit 2_str	BOBJ1	137.74	Before	Interior Girder 2	13.9	0.95	1	1	4.588104
Annual Permit 2_str	BOBJ1	137.74	Before	Interior Girder 3	13.9	0.95	1	1	3.940716
Annual Permit 2_str	BOBJ1	137.74	Before	Interior Girder 4	13.9	0.95	1	1	3.940716
Annual Permit 2_str	BOBJ1	137.74	Before	Interior Girder 5	13.9	0.95	1	1	4.588104
Annual Permit 2_str	BOBJ1	137.74	Before	Interior Girder 6	13.9	0.95	1	1	4.697346
Annual Permit 2_str	BOBJ1	137.74	Before	Right Exterior Girder	13.9	0.95	1	1	5.243067
Annual Permit 2_str	BOBJ1	137.74	After	Left Exterior Girder	13.9	0.95	1	1	7.606685
Annual Permit 2_str	BOBJ1	137.74	After	Interior Girder 1	13.9	0.95	1	1	5.232066
Annual Permit 2_str	BOBJ1	137.74	After	Interior Girder 2	13.9	0.95	1	1	4.933826
Annual Permit 2_str	BOBJ1	137.74	After	Interior Girder 3	13.9	0.95	1	1	4.335054
Annual Permit 2_str	BOBJ1	137.74	After	Interior Girder 4	13.9	0.95	1	1	4.335054
Annual Permit 2_str	BOBJ1	137.74	After	Interior Girder 5	13.9	0.95	1	1	4.933826
Annual Permit 2_str	BOBJ1	137.74	After	Interior Girder 6	13.9	0.95	1	1	5.232066
Annual Permit 2_str	BOBJ1	137.74	After	Right Exterior Girder	13.9	0.95	1	1	7.606685
Annual Permit 2_str	BOBJ1	143.7733	Before	Left Exterior Girder	19.9333	0.95	1	1	7.704126
Annual Permit 2_str	BOBJ1	143.7733	Before	Interior Girder 1	19.9333	0.95	1	1	5.322972
Annual Permit 2_str	BOBJ1	143.7733	Before	Interior Girder 2	19.9333	0.95	1	1	5.019311
Annual Permit 2_str	BOBJ1	143.7733	Before	Interior Girder 3	19.9333	0.95	1	1	4.410458
Annual Permit 2_str	BOBJ1	143.7733	Before	Interior Girder 4	19.9333	0.95	1	1	4.410458
Annual Permit 2_str	BOBJ1	143.7733	Before	Interior Girder 5	19.9333	0.95	1	1	5.019311
Annual Permit 2_str	BOBJ1	143.7733	Before	Interior Girder 6	19.9333	0.95	1	1	5.322972
Annual Permit 2_str	BOBJ1	143.7733	Before	Right Exterior Girder	19.9333	0.95	1	1	7.704126
Annual Permit 2_str	BOBJ1	143.7733	After	Left Exterior Girder	19.9333	0.95	1	1	9.787174
Annual Permit 2_str	BOBJ1	143.7733	After	Interior Girder 1	19.9333	0.95	1	1	7.154848
Annual Permit 2_str	BOBJ1	143.7733	After	Interior Girder 2	19.9333	0.95	1	1	6.758957
Annual Permit 2_str	BOBJ1	143.7733	After	Interior Girder 3	19.9333	0.95	1	1	5.98372
Annual Permit 2_str	BOBJ1	143.7733	After	Interior Girder 4	19.9333	0.95	1	1	5.98372
Annual Permit 2_str	BOBJ1	143.7733	After	Interior Girder 5	19.9333	0.95	1	1	6.758957
Annual Permit 2_str	BOBJ1	143.7733	After	Interior Girder 6	19.9333	0.95	1	1	7.154848
Annual Permit 2_str	BOBJ1	143.7733	After	Right Exterior Girder	19.9333	0.95	1	1	9.787174
Annual Permit 2_str	BOBJ1	149.8067	Before	Left Exterior Girder	25.9667	0.95	1	1	9.907897
Annual Permit 2_str	BOBJ1	149.8067	Before	Interior Girder 1	25.9667	0.95	1	1	7.276443
Annual Permit 2_str	BOBJ1	149.8067	Before	Interior Girder 2	25.9667	0.95	1	1	6.873423
Annual Permit 2_str	BOBJ1	149.8067	Before	Interior Girder 3	25.9667	0.95	1	1	6.085281
Annual Permit 2_str	BOBJ1	149.8067	Before	Interior Girder 4	25.9667	0.95	1	1	6.085281

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Approach, Span 12-1									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Annual Permit 2_str	BOBJ1	149.8067	Before	Interior Girder 5	25.9667	0.95	1	1	6.873423
Annual Permit 2_str	BOBJ1	149.8067	Before	Interior Girder 6	25.9667	0.95	1	1	7.276443
Annual Permit 2_str	BOBJ1	149.8067	Before	Right Exterior Girder	25.9667	0.95	1	1	9.907897
Annual Permit 2_str	BOBJ1	149.8067	After	Left Exterior Girder	25.9667	0.95	1	1	12.662377
Annual Permit 2_str	BOBJ1	149.8067	After	Interior Girder 1	25.9667	0.95	1	1	9.728729
Annual Permit 2_str	BOBJ1	149.8067	After	Interior Girder 2	25.9667	0.95	1	1	9.16808
Annual Permit 2_str	BOBJ1	149.8067	After	Interior Girder 3	25.9667	0.95	1	1	8.138008
Annual Permit 2_str	BOBJ1	149.8067	After	Interior Girder 4	25.9667	0.95	1	1	8.138008
Annual Permit 2_str	BOBJ1	149.8067	After	Interior Girder 5	25.9667	0.95	1	1	9.16808
Annual Permit 2_str	BOBJ1	149.8067	After	Interior Girder 6	25.9667	0.95	1	1	9.728729
Annual Permit 2_str	BOBJ1	149.8067	After	Right Exterior Girder	25.9667	0.95	1	1	12.662377
Annual Permit 2_str	BOBJ1	155.84	Before	Left Exterior Girder	32	0.95	1	1	12.813074
Annual Permit 2_str	BOBJ1	155.84	Before	Interior Girder 1	32	0.95	1	1	9.890417
Annual Permit 2_str	BOBJ1	155.84	Before	Interior Girder 2	32	0.95	1	1	9.319859
Annual Permit 2_str	BOBJ1	155.84	Before	Interior Girder 3	32	0.95	1	1	8.272933
Annual Permit 2_str	BOBJ1	155.84	Before	Interior Girder 4	32	0.95	1	1	8.272933
Annual Permit 2_str	BOBJ1	155.84	Before	Interior Girder 5	32	0.95	1	1	9.319859
Annual Permit 2_str	BOBJ1	155.84	Before	Interior Girder 6	32	0.95	1	1	9.890417
Annual Permit 2_str	BOBJ1	155.84	Before	Right Exterior Girder	32	0.95	1	1	12.813074
Annual Permit 2_str	BOBJ1	155.84	After	Left Exterior Girder	32	0.95	1	1	16.605589
Annual Permit 2_str	BOBJ1	155.84	After	Interior Girder 1	32	0.95	1	1	10.186421
Annual Permit 2_str	BOBJ1	155.84	After	Interior Girder 2	32	0.95	1	1	8.868308
Annual Permit 2_str	BOBJ1	155.84	After	Interior Girder 3	32	0.95	1	1	7.561012
Annual Permit 2_str	BOBJ1	155.84	After	Interior Girder 4	32	0.95	1	1	7.561012
Annual Permit 2_str	BOBJ1	155.84	After	Interior Girder 5	32	0.95	1	1	8.868308
Annual Permit 2_str	BOBJ1	155.84	After	Interior Girder 6	32	0.95	1	1	10.186421
Annual Permit 2_str	BOBJ1	155.84	After	Right Exterior Girder	32	0.95	1	1	16.605589
Annual Permit 2_str	BOBJ1	161.8733	Before	Left Exterior Girder	38.0333	0.95	1	1	16.414548
Annual Permit 2_str	BOBJ1	161.8733	Before	Interior Girder 1	38.0333	0.95	1	1	10.350838
Annual Permit 2_str	BOBJ1	161.8733	Before	Interior Girder 2	38.0333	0.95	1	1	9.011948
Annual Permit 2_str	BOBJ1	161.8733	Before	Interior Girder 3	38.0333	0.95	1	1	7.683412
Annual Permit 2_str	BOBJ1	161.8733	Before	Interior Girder 4	38.0333	0.95	1	1	7.683412
Annual Permit 2_str	BOBJ1	161.8733	Before	Interior Girder 5	38.0333	0.95	1	1	9.011948
Annual Permit 2_str	BOBJ1	161.8733	Before	Interior Girder 6	38.0333	0.95	1	1	10.350838
Annual Permit 2_str	BOBJ1	161.8733	Before	Right Exterior Girder	38.0333	0.95	1	1	16.414548
Annual Permit 2_str	BOBJ1	161.8733	After	Left Exterior Girder	38.0333	0.95	1	1	12.229506
Annual Permit 2_str	BOBJ1	161.8733	After	Interior Girder 1	38.0333	0.95	1	1	8.191892
Annual Permit 2_str	BOBJ1	161.8733	After	Interior Girder 2	38.0333	0.95	1	1	7.690605
Annual Permit 2_str	BOBJ1	161.8733	After	Interior Girder 3	38.0333	0.95	1	1	6.772863
Annual Permit 2_str	BOBJ1	161.8733	After	Interior Girder 4	38.0333	0.95	1	1	6.772863
Annual Permit 2_str	BOBJ1	161.8733	After	Interior Girder 5	38.0333	0.95	1	1	7.690605
Annual Permit 2_str	BOBJ1	161.8733	After	Interior Girder 6	38.0333	0.95	1	1	8.191892
Annual Permit 2_str	BOBJ1	161.8733	After	Right Exterior Girder	38.0333	0.95	1	1	12.229506
Annual Permit 2_str	BOBJ1	167.9067	Before	Left Exterior Girder	44.0667	0.95	1	1	12.083873
Annual Permit 2_str	BOBJ1	167.9067	Before	Interior Girder 1	44.0667	0.95	1	1	8.057138
Annual Permit 2_str	BOBJ1	167.9067	Before	Interior Girder 2	44.0667	0.95	1	1	7.564494
Annual Permit 2_str	BOBJ1	167.9067	Before	Interior Girder 3	44.0667	0.95	1	1	6.661678
Annual Permit 2_str	BOBJ1	167.9067	Before	Interior Girder 4	44.0667	0.95	1	1	6.661678
Annual Permit 2_str	BOBJ1	167.9067	Before	Interior Girder 5	44.0667	0.95	1	1	7.564494
Annual Permit 2_str	BOBJ1	167.9067	Before	Interior Girder 6	44.0667	0.95	1	1	8.057138
Annual Permit 2_str	BOBJ1	167.9067	Before	Right Exterior Girder	44.0667	0.95	1	1	12.083873
Annual Permit 2_str	BOBJ1	167.9067	After	Left Exterior Girder	44.0667	0.95	1	1	9.280699
Annual Permit 2_str	BOBJ1	167.9067	After	Interior Girder 1	44.0667	0.95	1	1	5.980814
Annual Permit 2_str	BOBJ1	167.9067	After	Interior Girder 2	44.0667	0.95	1	1	5.6067
Annual Permit 2_str	BOBJ1	167.9067	After	Interior Girder 3	44.0667	0.95	1	1	4.92379
Annual Permit 2_str	BOBJ1	167.9067	After	Interior Girder 4	44.0667	0.95	1	1	4.92379
Annual Permit 2_str	BOBJ1	167.9067	After	Interior Girder 5	44.0667	0.95	1	1	5.6067
Annual Permit 2_str	BOBJ1	167.9067	After	Interior Girder 6	44.0667	0.95	1	1	5.980814
Annual Permit 2_str	BOBJ1	167.9067	After	Right Exterior Girder	44.0667	0.95	1	1	9.280699
Annual Permit 2_str	BOBJ1	173.94	Before	Left Exterior Girder	50.1	0.95	1	1	9.166105
Annual Permit 2_str	BOBJ1	173.94	Before	Interior Girder 1	50.1	0.95	1	1	5.88028
Annual Permit 2_str	BOBJ1	173.94	Before	Interior Girder 2	50.1	0.95	1	1	5.512689
Annual Permit 2_str	BOBJ1	173.94	Before	Interior Girder 3	50.1	0.95	1	1	4.841039
Annual Permit 2_str	BOBJ1	173.94	Before	Interior Girder 4	50.1	0.95	1	1	4.841039
Annual Permit 2_str	BOBJ1	173.94	Before	Interior Girder 5	50.1	0.95	1	1	5.512689

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Approach, Span 12-1									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Annual Permit 2_str	BOBJ1	173.94	Before	Interior Girder 6	50.1	0.95	1	1	5.88028
Annual Permit 2_str	BOBJ1	173.94	Before	Right Exterior Girder	50.1	0.95	1	1	9.166105
Annual Permit 2_str	BOBJ1	173.94	After	Left Exterior Girder	50.1	0.95	1	1	5.904296
Annual Permit 2_str	BOBJ1	173.94	After	Interior Girder 1	50.1	0.95	1	1	5.410734
Annual Permit 2_str	BOBJ1	173.94	After	Interior Girder 2	50.1	0.95	1	1	5.315611
Annual Permit 2_str	BOBJ1	173.94	After	Interior Girder 3	50.1	0.95	1	1	4.647419
Annual Permit 2_str	BOBJ1	173.94	After	Interior Girder 4	50.1	0.95	1	1	4.647419
Annual Permit 2_str	BOBJ1	173.94	After	Interior Girder 5	50.1	0.95	1	1	5.315611
Annual Permit 2_str	BOBJ1	173.94	After	Interior Girder 6	50.1	0.95	1	1	5.410734
Annual Permit 2_str	BOBJ1	173.94	After	Right Exterior Girder	50.1	0.95	1	1	5.904296
Annual Permit 2_str	BOBJ1	179.98	Before	Left Exterior Girder	56.14	0.95	1	1	5.828494
Annual Permit 2_str	BOBJ1	179.98	Before	Interior Girder 1	56.14	0.95	1	1	5.317428
Annual Permit 2_str	BOBJ1	179.98	Before	Interior Girder 2	56.14	0.95	1	1	5.224632
Annual Permit 2_str	BOBJ1	179.98	Before	Interior Girder 3	56.14	0.95	1	1	4.566968
Annual Permit 2_str	BOBJ1	179.98	Before	Interior Girder 4	56.14	0.95	1	1	4.566968
Annual Permit 2_str	BOBJ1	179.98	Before	Interior Girder 5	56.14	0.95	1	1	5.224632
Annual Permit 2_str	BOBJ1	179.98	Before	Interior Girder 6	56.14	0.95	1	1	5.317428
Annual Permit 2_str	BOBJ1	179.98	Before	Right Exterior Girder	56.14	0.95	1	1	5.828494
Annual Permit 2_str	BOBJ1	179.98	After	Left Exterior Girder	56.14	0.95	1	1	4.902203
Annual Permit 2_str	BOBJ1	179.98	After	Interior Girder 1	56.14	0.95	1	1	4.185082
Annual Permit 2_str	BOBJ1	179.98	After	Interior Girder 2	56.14	0.95	1	1	4.024927
Annual Permit 2_str	BOBJ1	179.98	After	Interior Girder 3	56.14	0.95	1	1	3.454693
Annual Permit 2_str	BOBJ1	179.98	After	Interior Girder 4	56.14	0.95	1	1	3.454693
Annual Permit 2_str	BOBJ1	179.98	After	Interior Girder 5	56.14	0.95	1	1	4.024927
Annual Permit 2_str	BOBJ1	179.98	After	Interior Girder 6	56.14	0.95	1	1	4.185082
Annual Permit 2_str	BOBJ1	179.98	After	Right Exterior Girder	56.14	0.95	1	1	4.902203
Annual Permit 2_str	BOBJ1	183.56	Before	Left Exterior Girder	59.72	0.95	1	1	4.863478
Annual Permit 2_str	BOBJ1	183.56	Before	Right Exterior Girder	59.72	0.95	1	1	4.863478
Annual Permit 2_str	BOBJ1	183.56	After	Left Exterior Girder	59.72	0.95	1	1	4.609634
Annual Permit 2_str	BOBJ1	183.56	After	Right Exterior Girder	59.72	0.95	1	1	4.609634
Annual Permit 2_str	BOBJ1	186.02	Before	Left Exterior Girder	62.18	0.95	1	1	4.579558
Annual Permit 2_str	BOBJ1	186.02	Before	Interior Girder 1	62.22	0.95	1	1	4.202251
Annual Permit 2_str	BOBJ1	186.02	Before	Interior Girder 2	62.22	0.95	1	1	3.954482
Annual Permit 2_str	BOBJ1	186.02	Before	Interior Girder 3	62.22	0.95	1	1	3.393327
Annual Permit 2_str	BOBJ1	186.02	Before	Interior Girder 4	62.22	0.95	1	1	3.393327
Annual Permit 2_str	BOBJ1	186.02	Before	Interior Girder 5	62.22	0.95	1	1	3.954482
Annual Permit 2_str	BOBJ1	186.02	Before	Interior Girder 6	62.22	0.95	1	1	4.202251
Annual Permit 2_str	BOBJ1	186.02	Before	Right Exterior Girder	62.18	0.95	1	1	4.579558
Annual Permit 2_str	BOBJ1	186.02	After	Left Exterior Girder	62.18	0.95	1	1	4.212094
Annual Permit 2_str	BOBJ1	186.02	After	Interior Girder 1	62.22	0.95	1	1	3.184871
Annual Permit 2_str	BOBJ1	186.02	After	Interior Girder 2	62.22	0.95	1	1	3.045358
Annual Permit 2_str	BOBJ1	186.02	After	Interior Girder 3	62.22	0.95	1	1	2.524228
Annual Permit 2_str	BOBJ1	186.02	After	Interior Girder 4	62.22	0.95	1	1	2.524228
Annual Permit 2_str	BOBJ1	186.02	After	Interior Girder 5	62.22	0.95	1	1	3.045358
Annual Permit 2_str	BOBJ1	186.02	After	Interior Girder 6	62.22	0.95	1	1	3.184871
Annual Permit 2_str	BOBJ1	186.02	After	Right Exterior Girder	62.18	0.95	1	1	4.212094
Annual Permit 2_str	BOBJ1	192.06	Before	Left Exterior Girder	68.22	0.95	1	1	4.143
Annual Permit 2_str	BOBJ1	192.06	Before	Interior Girder 1	68.22	0.95	1	1	3.124155
Annual Permit 2_str	BOBJ1	192.06	Before	Interior Girder 2	68.22	0.95	1	1	2.987678
Annual Permit 2_str	BOBJ1	192.06	Before	Interior Girder 3	68.22	0.95	1	1	2.475417
Annual Permit 2_str	BOBJ1	192.06	Before	Interior Girder 4	68.22	0.95	1	1	2.475417
Annual Permit 2_str	BOBJ1	192.06	Before	Interior Girder 5	68.22	0.95	1	1	2.987678
Annual Permit 2_str	BOBJ1	192.06	Before	Interior Girder 6	68.22	0.95	1	1	3.124155
Annual Permit 2_str	BOBJ1	192.06	Before	Right Exterior Girder	68.22	0.95	1	1	4.143
Annual Permit 2_str	BOBJ1	192.06	After	Left Exterior Girder	0	0.95	1	1	4.334015
Annual Permit 2_str	BOBJ1	192.06	After	Interior Girder 1	0	0.95	1	1	3.236678
Annual Permit 2_str	BOBJ1	192.06	After	Interior Girder 2	0	0.95	1	1	3.075749
Annual Permit 2_str	BOBJ1	192.06	After	Interior Girder 3	0	0.95	1	1	2.436031
Annual Permit 2_str	BOBJ1	192.06	After	Interior Girder 4	0	0.95	1	1	2.436031
Annual Permit 2_str	BOBJ1	192.06	After	Interior Girder 5	0	0.95	1	1	3.075749
Annual Permit 2_str	BOBJ1	192.06	After	Interior Girder 6	0	0.95	1	1	3.236678
Annual Permit 2_str	BOBJ1	192.06	After	Right Exterior Girder	0	0.95	1	1	4.334015
Annual Permit 2_str	BOBJ1	197.087	Before	Interior Girder 1	5.027	0.95	1	1	3.289418
Annual Permit 2_str	BOBJ1	197.087	Before	Interior Girder 2	5.027	0.95	1	1	3.125307
Annual Permit 2_str	BOBJ1	197.087	Before	Interior Girder 3	5.027	0.95	1	1	2.476675

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Approach, Span 12-1									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Annual Permit 2_str	BOBJ1	197.087	Before	Interior Girder 4	5.027	0.95	1	1	2.476675
Annual Permit 2_str	BOBJ1	197.087	Before	Interior Girder 5	5.027	0.95	1	1	3.125307
Annual Permit 2_str	BOBJ1	197.087	Before	Interior Girder 6	5.027	0.95	1	1	3.289418
Annual Permit 2_str	BOBJ1	197.087	After	Interior Girder 1	5.027	0.95	1	1	3.410589
Annual Permit 2_str	BOBJ1	197.087	After	Interior Girder 2	5.027	0.95	1	1	3.840406
Annual Permit 2_str	BOBJ1	197.087	After	Interior Girder 3	5.027	0.95	1	1	3.037632
Annual Permit 2_str	BOBJ1	197.087	After	Interior Girder 4	5.027	0.95	1	1	3.037632
Annual Permit 2_str	BOBJ1	197.087	After	Interior Girder 5	5.027	0.95	1	1	3.840406
Annual Permit 2_str	BOBJ1	197.087	After	Interior Girder 6	5.027	0.95	1	1	3.410589
Annual Permit 2_str	BOBJ1	197.91	Before	Left Exterior Girder	5.85	0.95	1	1	4.288211
Annual Permit 2_str	BOBJ1	197.91	Before	Interior Girder 1	5.85	0.95	1	1	3.41921
Annual Permit 2_str	BOBJ1	197.91	Before	Interior Girder 2	5.85	0.95	1	1	3.849807
Annual Permit 2_str	BOBJ1	197.91	Before	Interior Girder 3	5.85	0.95	1	1	3.045306
Annual Permit 2_str	BOBJ1	197.91	Before	Interior Girder 4	5.85	0.95	1	1	3.045306
Annual Permit 2_str	BOBJ1	197.91	Before	Interior Girder 5	5.85	0.95	1	1	3.849807
Annual Permit 2_str	BOBJ1	197.91	Before	Interior Girder 6	5.85	0.95	1	1	3.41921
Annual Permit 2_str	BOBJ1	197.91	Before	Right Exterior Girder	5.85	0.95	1	1	4.288211
Annual Permit 2_str	BOBJ1	197.91	After	Left Exterior Girder	5.85	0.95	1	1	4.820087
Annual Permit 2_str	BOBJ1	197.91	After	Interior Girder 1	5.85	0.95	1	1	3.501983
Annual Permit 2_str	BOBJ1	197.91	After	Interior Girder 2	5.85	0.95	1	1	3.760772
Annual Permit 2_str	BOBJ1	197.91	After	Interior Girder 3	5.85	0.95	1	1	3.172847
Annual Permit 2_str	BOBJ1	197.91	After	Interior Girder 4	5.85	0.95	1	1	3.172847
Annual Permit 2_str	BOBJ1	197.91	After	Interior Girder 5	5.85	0.95	1	1	3.760772
Annual Permit 2_str	BOBJ1	197.91	After	Interior Girder 6	5.85	0.95	1	1	3.501983
Annual Permit 2_str	BOBJ1	197.91	After	Right Exterior Girder	5.85	0.95	1	1	4.820087
Annual Permit 2_str	BOBJ1	199.1816	Before	Left Exterior Girder	7.1216	0.95	1	1	4.836879
Annual Permit 2_str	BOBJ1	199.1816	Before	Right Exterior Girder	7.1216	0.95	1	1	4.836879
Annual Permit 2_str	BOBJ1	199.1816	After	Left Exterior Girder	7.1216	0.95	1	1	5.603568
Annual Permit 2_str	BOBJ1	199.1816	After	Right Exterior Girder	7.1216	0.95	1	1	5.603568
Annual Permit 2_str	BOBJ1	203.5267	Before	Left Exterior Girder	11.3107	0.95	1	1	5.66127
Annual Permit 2_str	BOBJ1	203.5267	Before	Interior Girder 1	11.3107	0.95	1	1	4.073067
Annual Permit 2_str	BOBJ1	203.5267	Before	Interior Girder 2	11.3107	0.95	1	1	3.82378
Annual Permit 2_str	BOBJ1	203.5267	Before	Interior Girder 3	11.3107	0.95	1	1	3.226632
Annual Permit 2_str	BOBJ1	203.5267	Before	Interior Girder 4	11.3107	0.95	1	1	3.226632
Annual Permit 2_str	BOBJ1	203.5267	Before	Interior Girder 5	11.3107	0.95	1	1	3.82378
Annual Permit 2_str	BOBJ1	203.5267	Before	Interior Girder 6	11.3107	0.95	1	1	4.073067
Annual Permit 2_str	BOBJ1	203.5267	Before	Right Exterior Girder	11.3107	0.95	1	1	5.66127
Annual Permit 2_str	BOBJ1	203.5267	After	Left Exterior Girder	11.3107	0.95	1	1	8.073909
Annual Permit 2_str	BOBJ1	203.5267	After	Interior Girder 1	11.3107	0.95	1	1	6.043877
Annual Permit 2_str	BOBJ1	203.5267	After	Interior Girder 2	11.3107	0.95	1	1	5.731194
Annual Permit 2_str	BOBJ1	203.5267	After	Interior Girder 3	11.3107	0.95	1	1	4.925588
Annual Permit 2_str	BOBJ1	203.5267	After	Interior Girder 4	11.3107	0.95	1	1	4.925588
Annual Permit 2_str	BOBJ1	203.5267	After	Interior Girder 5	11.3107	0.95	1	1	5.731194
Annual Permit 2_str	BOBJ1	203.5267	After	Interior Girder 6	11.3107	0.95	1	1	6.043877
Annual Permit 2_str	BOBJ1	203.5267	After	Right Exterior Girder	11.3107	0.95	1	1	8.073909
Annual Permit 2_str	BOBJ1	209.1433	Before	Left Exterior Girder	17.0833	0.95	1	1	8.168173
Annual Permit 2_str	BOBJ1	209.1433	Before	Interior Girder 1	17.0833	0.95	1	1	6.136525
Annual Permit 2_str	BOBJ1	209.1433	Before	Interior Girder 2	17.0833	0.95	1	1	5.81854
Annual Permit 2_str	BOBJ1	209.1433	Before	Interior Girder 3	17.0833	0.95	1	1	5.001197
Annual Permit 2_str	BOBJ1	209.1433	Before	Interior Girder 4	17.0833	0.95	1	1	5.001197
Annual Permit 2_str	BOBJ1	209.1433	Before	Interior Girder 5	17.0833	0.95	1	1	5.81854
Annual Permit 2_str	BOBJ1	209.1433	Before	Interior Girder 6	17.0833	0.95	1	1	6.136525
Annual Permit 2_str	BOBJ1	209.1433	Before	Right Exterior Girder	17.0833	0.95	1	1	8.168173
Annual Permit 2_str	BOBJ1	209.1433	After	Left Exterior Girder	17.0833	0.95	1	1	10.081253
Annual Permit 2_str	BOBJ1	209.1433	After	Interior Girder 1	17.0833	0.95	1	1	7.805714
Annual Permit 2_str	BOBJ1	209.1433	After	Interior Girder 2	17.0833	0.95	1	1	7.365208
Annual Permit 2_str	BOBJ1	209.1433	After	Interior Girder 3	17.0833	0.95	1	1	6.355508
Annual Permit 2_str	BOBJ1	209.1433	After	Interior Girder 4	17.0833	0.95	1	1	6.355508
Annual Permit 2_str	BOBJ1	209.1433	After	Interior Girder 5	17.0833	0.95	1	1	7.365208
Annual Permit 2_str	BOBJ1	209.1433	After	Interior Girder 6	17.0833	0.95	1	1	7.805714
Annual Permit 2_str	BOBJ1	209.1433	After	Right Exterior Girder	17.0833	0.95	1	1	10.081253
Annual Permit 2_str	BOBJ1	214.76	Before	Left Exterior Girder	22.7	0.95	1	1	10.195246
Annual Permit 2_str	BOBJ1	214.76	Before	Interior Girder 1	22.7	0.95	1	1	7.923077
Annual Permit 2_str	BOBJ1	214.76	Before	Interior Girder 2	22.7	0.95	1	1	7.47527
Annual Permit 2_str	BOBJ1	214.76	Before	Interior Girder 3	22.7	0.95	1	1	6.45101

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Approach, Span 12-1									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Annual Permit 2_str	BOBJ1	214.76	Before	Interior Girder 4	22.7	0.95	1	1	6.45101
Annual Permit 2_str	BOBJ1	214.76	Before	Interior Girder 5	22.7	0.95	1	1	7.47527
Annual Permit 2_str	BOBJ1	214.76	Before	Interior Girder 6	22.7	0.95	1	1	7.923077
Annual Permit 2_str	BOBJ1	214.76	Before	Right Exterior Girder	22.7	0.95	1	1	10.195246
Annual Permit 2_str	BOBJ1	214.76	After	Left Exterior Girder	22.7	0.95	1	1	15.878922
Annual Permit 2_str	BOBJ1	214.76	After	Interior Girder 1	22.7	0.95	1	1	8.519048
Annual Permit 2_str	BOBJ1	214.76	After	Interior Girder 2	22.7	0.95	1	1	7.651484
Annual Permit 2_str	BOBJ1	214.76	After	Interior Girder 3	22.7	0.95	1	1	6.529898
Annual Permit 2_str	BOBJ1	214.76	After	Interior Girder 4	22.7	0.95	1	1	6.529898
Annual Permit 2_str	BOBJ1	214.76	After	Interior Girder 5	22.7	0.95	1	1	7.651484
Annual Permit 2_str	BOBJ1	214.76	After	Interior Girder 6	22.7	0.95	1	1	8.519048
Annual Permit 2_str	BOBJ1	214.76	After	Right Exterior Girder	22.7	0.95	1	1	15.878922
Annual Permit 2_str	BOBJ1	220.3767	Before	Left Exterior Girder	28.3167	0.95	1	1	16.053366
Annual Permit 2_str	BOBJ1	220.3767	Before	Interior Girder 1	28.3167	0.95	1	1	8.644178
Annual Permit 2_str	BOBJ1	220.3767	Before	Interior Girder 2	28.3167	0.95	1	1	7.76377
Annual Permit 2_str	BOBJ1	220.3767	Before	Interior Girder 3	28.3167	0.95	1	1	6.625802
Annual Permit 2_str	BOBJ1	220.3767	Before	Interior Girder 4	28.3167	0.95	1	1	6.625802
Annual Permit 2_str	BOBJ1	220.3767	Before	Interior Girder 5	28.3167	0.95	1	1	7.76377
Annual Permit 2_str	BOBJ1	220.3767	Before	Interior Girder 6	28.3167	0.95	1	1	8.644178
Annual Permit 2_str	BOBJ1	220.3767	Before	Right Exterior Girder	28.3167	0.95	1	1	16.053366
Annual Permit 2_str	BOBJ1	220.3767	After	Left Exterior Girder	28.3167	0.95	1	1	23.121797
Annual Permit 2_str	BOBJ1	220.3767	After	Interior Girder 1	28.3167	0.95	1	1	12.169586
Annual Permit 2_str	BOBJ1	220.3767	After	Interior Girder 2	28.3167	0.95	1	1	10.809319
Annual Permit 2_str	BOBJ1	220.3767	After	Interior Girder 3	28.3167	0.95	1	1	9.103876
Annual Permit 2_str	BOBJ1	220.3767	After	Interior Girder 4	28.3167	0.95	1	1	9.103876
Annual Permit 2_str	BOBJ1	220.3767	After	Interior Girder 5	28.3167	0.95	1	1	10.809319
Annual Permit 2_str	BOBJ1	220.3767	After	Interior Girder 6	28.3167	0.95	1	1	12.169586
Annual Permit 2_str	BOBJ1	220.3767	After	Right Exterior Girder	28.3167	0.95	1	1	23.121797
Annual Permit 2_str	BOBJ1	225.9933	Before	Left Exterior Girder	33.9333	0.95	1	1	23.368339
Annual Permit 2_str	BOBJ1	225.9933	Before	Interior Girder 1	33.9333	0.95	1	1	12.344983
Annual Permit 2_str	BOBJ1	225.9933	Before	Interior Girder 2	33.9333	0.95	1	1	10.964923
Annual Permit 2_str	BOBJ1	225.9933	Before	Interior Girder 3	33.9333	0.95	1	1	9.234937
Annual Permit 2_str	BOBJ1	225.9933	Before	Interior Girder 4	33.9333	0.95	1	1	9.234937
Annual Permit 2_str	BOBJ1	225.9933	Before	Interior Girder 5	33.9333	0.95	1	1	10.964923
Annual Permit 2_str	BOBJ1	225.9933	Before	Interior Girder 6	33.9333	0.95	1	1	12.344983
Annual Permit 2_str	BOBJ1	225.9933	Before	Right Exterior Girder	33.9333	0.95	1	1	23.368339
Annual Permit 2_str	BOBJ1	225.9933	After	Left Exterior Girder	33.9333	0.95	1	1	19.680914
Annual Permit 2_str	BOBJ1	225.9933	After	Interior Girder 1	33.9333	0.95	1	1	10.033512
Annual Permit 2_str	BOBJ1	225.9933	After	Interior Girder 2	33.9333	0.95	1	1	8.958532
Annual Permit 2_str	BOBJ1	225.9933	After	Interior Girder 3	33.9333	0.95	1	1	7.719109
Annual Permit 2_str	BOBJ1	225.9933	After	Interior Girder 4	33.9333	0.95	1	1	7.719109
Annual Permit 2_str	BOBJ1	225.9933	After	Interior Girder 5	33.9333	0.95	1	1	8.958532
Annual Permit 2_str	BOBJ1	225.9933	After	Interior Girder 6	33.9333	0.95	1	1	10.033512
Annual Permit 2_str	BOBJ1	225.9933	After	Right Exterior Girder	33.9333	0.95	1	1	19.680914
Annual Permit 2_str	BOBJ1	231.61	Before	Left Exterior Girder	39.55	0.95	1	1	19.475766
Annual Permit 2_str	BOBJ1	231.61	Before	Interior Girder 1	39.55	0.95	1	1	9.892243
Annual Permit 2_str	BOBJ1	231.61	Before	Interior Girder 2	39.55	0.95	1	1	8.832229
Annual Permit 2_str	BOBJ1	231.61	Before	Interior Girder 3	39.55	0.95	1	1	7.610228
Annual Permit 2_str	BOBJ1	231.61	Before	Interior Girder 4	39.55	0.95	1	1	7.610228
Annual Permit 2_str	BOBJ1	231.61	Before	Interior Girder 5	39.55	0.95	1	1	8.832229
Annual Permit 2_str	BOBJ1	231.61	Before	Interior Girder 6	39.55	0.95	1	1	9.892243
Annual Permit 2_str	BOBJ1	231.61	Before	Right Exterior Girder	39.55	0.95	1	1	19.475766
Annual Permit 2_str	BOBJ1	231.61	After	Left Exterior Girder	39.55	0.95	1	1	11.451663
Annual Permit 2_str	BOBJ1	231.61	After	Interior Girder 1	39.55	0.95	1	1	9.181128
Annual Permit 2_str	BOBJ1	231.61	After	Interior Girder 2	39.55	0.95	1	1	8.832055
Annual Permit 2_str	BOBJ1	231.61	After	Interior Girder 3	39.55	0.95	1	1	7.82554
Annual Permit 2_str	BOBJ1	231.61	After	Interior Girder 4	39.55	0.95	1	1	7.82554
Annual Permit 2_str	BOBJ1	231.61	After	Interior Girder 5	39.55	0.95	1	1	8.832055
Annual Permit 2_str	BOBJ1	231.61	After	Interior Girder 6	39.55	0.95	1	1	9.181128
Annual Permit 2_str	BOBJ1	231.61	After	Right Exterior Girder	39.55	0.95	1	1	11.451663
Annual Permit 2_str	BOBJ1	237.37	Before	Left Exterior Girder	45.31	0.95	1	1	11.325993
Annual Permit 2_str	BOBJ1	237.37	Before	Interior Girder 1	45.31	0.95	1	1	9.045309
Annual Permit 2_str	BOBJ1	237.37	Before	Interior Girder 2	45.31	0.95	1	1	8.702021
Annual Permit 2_str	BOBJ1	237.37	Before	Interior Girder 3	45.31	0.95	1	1	7.709952
Annual Permit 2_str	BOBJ1	237.37	Before	Interior Girder 4	45.31	0.95	1	1	7.709952

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Approach, Span 12-1									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Annual Permit 2_str	BOBJ1	237.37	Before	Interior Girder 5	45.31	0.95	1	1	8.702021
Annual Permit 2_str	BOBJ1	237.37	Before	Interior Girder 6	45.31	0.95	1	1	9.045309
Annual Permit 2_str	BOBJ1	237.37	Before	Right Exterior Girder	45.31	0.95	1	1	11.325993
Annual Permit 2_str	BOBJ1	237.37	After	Left Exterior Girder	45.31	0.95	1	1	9.257514
Annual Permit 2_str	BOBJ1	237.37	After	Interior Girder 1	45.31	0.95	1	1	6.84019
Annual Permit 2_str	BOBJ1	237.37	After	Interior Girder 2	45.31	0.95	1	1	6.548891
Annual Permit 2_str	BOBJ1	237.37	After	Interior Girder 3	45.31	0.95	1	1	5.798895
Annual Permit 2_str	BOBJ1	237.37	After	Interior Girder 4	45.31	0.95	1	1	5.798895
Annual Permit 2_str	BOBJ1	237.37	After	Interior Girder 5	45.31	0.95	1	1	6.548891
Annual Permit 2_str	BOBJ1	237.37	After	Interior Girder 6	45.31	0.95	1	1	6.84019
Annual Permit 2_str	BOBJ1	237.37	After	Right Exterior Girder	45.31	0.95	1	1	9.257514
Annual Permit 2_str	BOBJ1	243.13	Before	Left Exterior Girder	51.07	0.95	1	1	9.152799
Annual Permit 2_str	BOBJ1	243.13	Before	Interior Girder 1	51.07	0.95	1	1	6.73697
Annual Permit 2_str	BOBJ1	243.13	Before	Interior Girder 2	51.07	0.95	1	1	6.450554
Annual Permit 2_str	BOBJ1	243.13	Before	Interior Girder 3	51.07	0.95	1	1	5.711465
Annual Permit 2_str	BOBJ1	243.13	Before	Interior Girder 4	51.07	0.95	1	1	5.711465
Annual Permit 2_str	BOBJ1	243.13	Before	Interior Girder 5	51.07	0.95	1	1	6.450554
Annual Permit 2_str	BOBJ1	243.13	Before	Interior Girder 6	51.07	0.95	1	1	6.73697
Annual Permit 2_str	BOBJ1	243.13	Before	Right Exterior Girder	51.07	0.95	1	1	9.152799
Annual Permit 2_str	BOBJ1	243.13	After	Left Exterior Girder	51.07	0.95	1	1	7.384147
Annual Permit 2_str	BOBJ1	243.13	After	Interior Girder 1	51.07	0.95	1	1	4.94065
Annual Permit 2_str	BOBJ1	243.13	After	Interior Girder 2	51.07	0.95	1	1	4.682862
Annual Permit 2_str	BOBJ1	243.13	After	Interior Girder 3	51.07	0.95	1	1	4.071072
Annual Permit 2_str	BOBJ1	243.13	After	Interior Girder 4	51.07	0.95	1	1	4.071072
Annual Permit 2_str	BOBJ1	243.13	After	Interior Girder 5	51.07	0.95	1	1	4.682862
Annual Permit 2_str	BOBJ1	243.13	After	Interior Girder 6	51.07	0.95	1	1	4.94065
Annual Permit 2_str	BOBJ1	243.13	After	Right Exterior Girder	51.07	0.95	1	1	7.384147
Annual Permit 2_str	BOBJ1	248.89	Before	Left Exterior Girder	56.83	0.95	1	1	7.297814
Annual Permit 2_str	BOBJ1	248.89	Before	Interior Girder 1	56.83	0.95	1	1	4.864751
Annual Permit 2_str	BOBJ1	248.89	Before	Interior Girder 2	56.83	0.95	1	1	4.61109
Annual Permit 2_str	BOBJ1	248.89	Before	Interior Girder 3	56.83	0.95	1	1	4.008378
Annual Permit 2_str	BOBJ1	248.89	Before	Interior Girder 4	56.83	0.95	1	1	4.008378
Annual Permit 2_str	BOBJ1	248.89	Before	Interior Girder 5	56.83	0.95	1	1	4.61109
Annual Permit 2_str	BOBJ1	248.89	Before	Interior Girder 6	56.83	0.95	1	1	4.864751
Annual Permit 2_str	BOBJ1	248.89	Before	Right Exterior Girder	56.83	0.95	1	1	7.297814
Overweight Permit_str	BOBJ1	0	After	Left Exterior Girder	0	0.95	1	1	7.988297
Overweight Permit_str	BOBJ1	0	After	Interior Girder 1	0	0.95	1	1	7.281467
Overweight Permit_str	BOBJ1	0	After	Interior Girder 2	0	0.95	1	1	7.172417
Overweight Permit_str	BOBJ1	0	After	Interior Girder 3	0	0.95	1	1	6.302447
Overweight Permit_str	BOBJ1	0	After	Interior Girder 4	0	0.95	1	1	6.302447
Overweight Permit_str	BOBJ1	0	After	Interior Girder 5	0	0.95	1	1	7.172417
Overweight Permit_str	BOBJ1	0	After	Interior Girder 6	0	0.95	1	1	7.281467
Overweight Permit_str	BOBJ1	0	After	Right Exterior Girder	0	0.95	1	1	7.988297
Overweight Permit_str	BOBJ1	5.85	Before	Left Exterior Girder	5.85	0.95	1	1	8.076424
Overweight Permit_str	BOBJ1	5.85	Before	Interior Girder 1	5.85	0.95	1	1	7.389521
Overweight Permit_str	BOBJ1	5.85	Before	Interior Girder 2	5.85	0.95	1	1	7.278178
Overweight Permit_str	BOBJ1	5.85	Before	Interior Girder 3	5.85	0.95	1	1	6.396056
Overweight Permit_str	BOBJ1	5.85	Before	Interior Girder 4	5.85	0.95	1	1	6.396056
Overweight Permit_str	BOBJ1	5.85	Before	Interior Girder 5	5.85	0.95	1	1	7.278178
Overweight Permit_str	BOBJ1	5.85	Before	Interior Girder 6	5.85	0.95	1	1	7.389521
Overweight Permit_str	BOBJ1	5.85	Before	Right Exterior Girder	5.85	0.95	1	1	8.076424
Overweight Permit_str	BOBJ1	5.85	After	Left Exterior Girder	5.85	0.95	1	1	10.763301
Overweight Permit_str	BOBJ1	5.85	After	Interior Girder 1	5.85	0.95	1	1	8.628258
Overweight Permit_str	BOBJ1	5.85	After	Interior Girder 2	5.85	0.95	1	1	8.37671
Overweight Permit_str	BOBJ1	5.85	After	Interior Girder 3	5.85	0.95	1	1	7.600576
Overweight Permit_str	BOBJ1	5.85	After	Interior Girder 4	5.85	0.95	1	1	7.600576
Overweight Permit_str	BOBJ1	5.85	After	Interior Girder 5	5.85	0.95	1	1	8.37671
Overweight Permit_str	BOBJ1	5.85	After	Interior Girder 6	5.85	0.95	1	1	8.628258
Overweight Permit_str	BOBJ1	5.85	After	Right Exterior Girder	5.85	0.95	1	1	10.763301
Overweight Permit_str	BOBJ1	11.4667	Before	Left Exterior Girder	11.4667	0.95	1	1	10.873822
Overweight Permit_str	BOBJ1	11.4667	Before	Interior Girder 1	11.4667	0.95	1	1	8.748593
Overweight Permit_str	BOBJ1	11.4667	Before	Interior Girder 2	11.4667	0.95	1	1	8.493273
Overweight Permit_str	BOBJ1	11.4667	Before	Interior Girder 3	11.4667	0.95	1	1	7.706502
Overweight Permit_str	BOBJ1	11.4667	Before	Interior Girder 4	11.4667	0.95	1	1	7.706502
Overweight Permit_str	BOBJ1	11.4667	Before	Interior Girder 5	11.4667	0.95	1	1	8.493273

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Approach, Span 12-1									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Overweight Permit_str	BOBJ1	11.4667	Before	Interior Girder 6	11.4667	0.95	1	1	8.748593
Overweight Permit_str	BOBJ1	11.4667	Before	Right Exterior Girder	11.4667	0.95	1	1	10.873822
Overweight Permit_str	BOBJ1	11.4667	After	Left Exterior Girder	11.4667	0.95	1	1	13.915345
Overweight Permit_str	BOBJ1	11.4667	After	Interior Girder 1	11.4667	0.95	1	1	11.747349
Overweight Permit_str	BOBJ1	11.4667	After	Interior Girder 2	11.4667	0.95	1	1	11.42928
Overweight Permit_str	BOBJ1	11.4667	After	Interior Girder 3	11.4667	0.95	1	1	10.361845
Overweight Permit_str	BOBJ1	11.4667	After	Interior Girder 4	11.4667	0.95	1	1	10.361845
Overweight Permit_str	BOBJ1	11.4667	After	Interior Girder 5	11.4667	0.95	1	1	11.42928
Overweight Permit_str	BOBJ1	11.4667	After	Interior Girder 6	11.4667	0.95	1	1	11.747349
Overweight Permit_str	BOBJ1	11.4667	After	Right Exterior Girder	11.4667	0.95	1	1	13.915345
Overweight Permit_str	BOBJ1	17.0833	Before	Left Exterior Girder	17.0833	0.95	1	1	14.054153
Overweight Permit_str	BOBJ1	17.0833	Before	Interior Girder 1	17.0833	0.95	1	1	11.908249
Overweight Permit_str	BOBJ1	17.0833	Before	Interior Girder 2	17.0833	0.95	1	1	11.585418
Overweight Permit_str	BOBJ1	17.0833	Before	Interior Girder 3	17.0833	0.95	1	1	10.503509
Overweight Permit_str	BOBJ1	17.0833	Before	Interior Girder 4	17.0833	0.95	1	1	10.503509
Overweight Permit_str	BOBJ1	17.0833	Before	Interior Girder 5	17.0833	0.95	1	1	11.585418
Overweight Permit_str	BOBJ1	17.0833	Before	Interior Girder 6	17.0833	0.95	1	1	11.908249
Overweight Permit_str	BOBJ1	17.0833	Before	Right Exterior Girder	17.0833	0.95	1	1	14.054153
Overweight Permit_str	BOBJ1	17.0833	After	Left Exterior Girder	17.0833	0.95	1	1	19.032575
Overweight Permit_str	BOBJ1	17.0833	After	Interior Girder 1	17.0833	0.95	1	1	14.739756
Overweight Permit_str	BOBJ1	17.0833	After	Interior Girder 2	17.0833	0.95	1	1	14.280739
Overweight Permit_str	BOBJ1	17.0833	After	Interior Girder 3	17.0833	0.95	1	1	12.628781
Overweight Permit_str	BOBJ1	17.0833	After	Interior Girder 4	17.0833	0.95	1	1	12.628781
Overweight Permit_str	BOBJ1	17.0833	After	Interior Girder 5	17.0833	0.95	1	1	14.280739
Overweight Permit_str	BOBJ1	17.0833	After	Interior Girder 6	17.0833	0.95	1	1	14.739756
Overweight Permit_str	BOBJ1	17.0833	After	Right Exterior Girder	17.0833	0.95	1	1	19.032575
Overweight Permit_str	BOBJ1	22.7	Before	Left Exterior Girder	22.7	0.95	1	1	19.217237
Overweight Permit_str	BOBJ1	22.7	Before	Interior Girder 1	22.7	0.95	1	1	14.547229
Overweight Permit_str	BOBJ1	22.7	Before	Interior Girder 2	22.7	0.95	1	1	14.093726
Overweight Permit_str	BOBJ1	22.7	Before	Interior Girder 3	22.7	0.95	1	1	12.463472
Overweight Permit_str	BOBJ1	22.7	Before	Interior Girder 4	22.7	0.95	1	1	12.463472
Overweight Permit_str	BOBJ1	22.7	Before	Interior Girder 5	22.7	0.95	1	1	14.093726
Overweight Permit_str	BOBJ1	22.7	Before	Interior Girder 6	22.7	0.95	1	1	14.547229
Overweight Permit_str	BOBJ1	22.7	Before	Right Exterior Girder	22.7	0.95	1	1	19.217237
Overweight Permit_str	BOBJ1	22.7	After	Left Exterior Girder	22.7	0.95	1	1	16.979549
Overweight Permit_str	BOBJ1	22.7	After	Interior Girder 1	22.7	0.95	1	1	14.616379
Overweight Permit_str	BOBJ1	22.7	After	Interior Girder 2	22.7	0.95	1	1	14.088608
Overweight Permit_str	BOBJ1	22.7	After	Interior Girder 3	22.7	0.95	1	1	12.569249
Overweight Permit_str	BOBJ1	22.7	After	Interior Girder 4	22.7	0.95	1	1	12.569249
Overweight Permit_str	BOBJ1	22.7	After	Interior Girder 5	22.7	0.95	1	1	14.088608
Overweight Permit_str	BOBJ1	22.7	After	Interior Girder 6	22.7	0.95	1	1	14.616379
Overweight Permit_str	BOBJ1	22.7	After	Right Exterior Girder	22.7	0.95	1	1	16.979549
Overweight Permit_str	BOBJ1	28.3167	Before	Left Exterior Girder	28.3167	0.95	1	1	16.813789
Overweight Permit_str	BOBJ1	28.3167	Before	Interior Girder 1	28.3167	0.95	1	1	14.420793
Overweight Permit_str	BOBJ1	28.3167	Before	Interior Girder 2	28.3167	0.95	1	1	13.900794
Overweight Permit_str	BOBJ1	28.3167	Before	Interior Girder 3	28.3167	0.95	1	1	12.40158
Overweight Permit_str	BOBJ1	28.3167	Before	Interior Girder 4	28.3167	0.95	1	1	12.40158
Overweight Permit_str	BOBJ1	28.3167	Before	Interior Girder 5	28.3167	0.95	1	1	13.900794
Overweight Permit_str	BOBJ1	28.3167	Before	Interior Girder 6	28.3167	0.95	1	1	14.420793
Overweight Permit_str	BOBJ1	28.3167	Before	Right Exterior Girder	28.3167	0.95	1	1	16.813789
Overweight Permit_str	BOBJ1	28.3167	After	Left Exterior Girder	28.3167	0.95	1	1	12.581137
Overweight Permit_str	BOBJ1	28.3167	After	Interior Girder 1	28.3167	0.95	1	1	10.799892
Overweight Permit_str	BOBJ1	28.3167	After	Interior Girder 2	28.3167	0.95	1	1	10.391071
Overweight Permit_str	BOBJ1	28.3167	After	Interior Girder 3	28.3167	0.95	1	1	9.328621
Overweight Permit_str	BOBJ1	28.3167	After	Interior Girder 4	28.3167	0.95	1	1	9.328621
Overweight Permit_str	BOBJ1	28.3167	After	Interior Girder 5	28.3167	0.95	1	1	10.391071
Overweight Permit_str	BOBJ1	28.3167	After	Interior Girder 6	28.3167	0.95	1	1	10.799892
Overweight Permit_str	BOBJ1	28.3167	After	Right Exterior Girder	28.3167	0.95	1	1	12.581137
Overweight Permit_str	BOBJ1	33.9333	Before	Left Exterior Girder	33.9333	0.95	1	1	12.454826
Overweight Permit_str	BOBJ1	33.9333	Before	Interior Girder 1	33.9333	0.95	1	1	10.652755
Overweight Permit_str	BOBJ1	33.9333	Before	Interior Girder 2	33.9333	0.95	1	1	10.250015
Overweight Permit_str	BOBJ1	33.9333	Before	Interior Girder 3	33.9333	0.95	1	1	9.201849
Overweight Permit_str	BOBJ1	33.9333	Before	Interior Girder 4	33.9333	0.95	1	1	9.201849
Overweight Permit_str	BOBJ1	33.9333	Before	Interior Girder 5	33.9333	0.95	1	1	10.250015
Overweight Permit_str	BOBJ1	33.9333	Before	Interior Girder 6	33.9333	0.95	1	1	10.652755

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Approach, Span 12-1									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Overweight Permit_str	BOBJ1	33.9333	Before	Right Exterior Girder	33.9333	0.95	1	1	12.454826
Overweight Permit_str	BOBJ1	33.9333	After	Left Exterior Girder	33.9333	0.95	1	1	9.805092
Overweight Permit_str	BOBJ1	33.9333	After	Interior Girder 1	33.9333	0.95	1	1	8.140487
Overweight Permit_str	BOBJ1	33.9333	After	Interior Girder 2	33.9333	0.95	1	1	7.838506
Overweight Permit_str	BOBJ1	33.9333	After	Interior Girder 3	33.9333	0.95	1	1	7.05594
Overweight Permit_str	BOBJ1	33.9333	After	Interior Girder 4	33.9333	0.95	1	1	7.05594
Overweight Permit_str	BOBJ1	33.9333	After	Interior Girder 5	33.9333	0.95	1	1	7.838506
Overweight Permit_str	BOBJ1	33.9333	After	Interior Girder 6	33.9333	0.95	1	1	8.140487
Overweight Permit_str	BOBJ1	33.9333	After	Right Exterior Girder	33.9333	0.95	1	1	9.805092
Overweight Permit_str	BOBJ1	39.55	Before	Left Exterior Girder	39.55	0.95	1	1	9.703722
Overweight Permit_str	BOBJ1	39.55	Before	Interior Girder 1	39.55	0.95	1	1	8.027596
Overweight Permit_str	BOBJ1	39.55	Before	Interior Girder 2	39.55	0.95	1	1	7.730147
Overweight Permit_str	BOBJ1	39.55	Before	Interior Girder 3	39.55	0.95	1	1	6.958188
Overweight Permit_str	BOBJ1	39.55	Before	Interior Girder 4	39.55	0.95	1	1	6.958188
Overweight Permit_str	BOBJ1	39.55	Before	Interior Girder 5	39.55	0.95	1	1	7.730147
Overweight Permit_str	BOBJ1	39.55	Before	Interior Girder 6	39.55	0.95	1	1	8.027596
Overweight Permit_str	BOBJ1	39.55	Before	Right Exterior Girder	39.55	0.95	1	1	9.703722
Overweight Permit_str	BOBJ1	39.55	After	Left Exterior Girder	39.55	0.95	1	1	7.322874
Overweight Permit_str	BOBJ1	39.55	After	Interior Girder 1	39.55	0.95	1	1	7.724562
Overweight Permit_str	BOBJ1	39.55	After	Interior Girder 2	39.55	0.95	1	1	7.634198
Overweight Permit_str	BOBJ1	39.55	After	Interior Girder 3	39.55	0.95	1	1	6.75831
Overweight Permit_str	BOBJ1	39.55	After	Interior Girder 4	39.55	0.95	1	1	6.75831
Overweight Permit_str	BOBJ1	39.55	After	Interior Girder 5	39.55	0.95	1	1	7.634198
Overweight Permit_str	BOBJ1	39.55	After	Interior Girder 6	39.55	0.95	1	1	7.724562
Overweight Permit_str	BOBJ1	39.55	After	Right Exterior Girder	39.55	0.95	1	1	7.322874
Overweight Permit_str	BOBJ1	45.1733	Before	Left Exterior Girder	45.1226	0.95	1	1	7.244752
Overweight Permit_str	BOBJ1	45.1733	Before	Interior Girder 1	45.1226	0.95	1	1	7.615138
Overweight Permit_str	BOBJ1	45.1733	Before	Interior Girder 2	45.1226	0.95	1	1	7.526861
Overweight Permit_str	BOBJ1	45.1733	Before	Interior Girder 3	45.1226	0.95	1	1	6.662337
Overweight Permit_str	BOBJ1	45.1733	Before	Interior Girder 4	45.1226	0.95	1	1	6.662337
Overweight Permit_str	BOBJ1	45.1733	Before	Interior Girder 5	45.1226	0.95	1	1	7.526861
Overweight Permit_str	BOBJ1	45.1733	Before	Interior Girder 6	45.1226	0.95	1	1	7.615138
Overweight Permit_str	BOBJ1	45.1733	Before	Right Exterior Girder	45.1226	0.95	1	1	7.244752
Overweight Permit_str	BOBJ1	45.1733	After	Left Exterior Girder	45.1226	0.95	1	1	5.129508
Overweight Permit_str	BOBJ1	45.1733	After	Interior Girder 1	45.1226	0.95	1	1	5.25749
Overweight Permit_str	BOBJ1	45.1733	After	Interior Girder 2	45.1226	0.95	1	1	5.139529
Overweight Permit_str	BOBJ1	45.1733	After	Interior Girder 3	45.1226	0.95	1	1	4.47344
Overweight Permit_str	BOBJ1	45.1733	After	Interior Girder 4	45.1226	0.95	1	1	4.47344
Overweight Permit_str	BOBJ1	45.1733	After	Interior Girder 5	45.1226	0.95	1	1	5.139529
Overweight Permit_str	BOBJ1	45.1733	After	Interior Girder 6	45.1226	0.95	1	1	5.25749
Overweight Permit_str	BOBJ1	45.1733	After	Right Exterior Girder	45.1226	0.95	1	1	5.129508
Overweight Permit_str	BOBJ1	49.2561	Before	Left Exterior Girder	49.2561	0.95	1	1	5.082064
Overweight Permit_str	BOBJ1	49.2561	Before	Right Exterior Girder	49.2561	0.95	1	1	5.082064
Overweight Permit_str	BOBJ1	49.2561	After	Left Exterior Girder	49.2561	0.95	1	1	4.618286
Overweight Permit_str	BOBJ1	49.2561	After	Right Exterior Girder	49.2561	0.95	1	1	4.618286
Overweight Permit_str	BOBJ1	50.7967	Before	Left Exterior Girder	50.7967	0.95	1	1	4.600098
Overweight Permit_str	BOBJ1	50.7967	Before	Interior Girder 1	50.7967	0.95	1	1	4.320441
Overweight Permit_str	BOBJ1	50.7967	Before	Interior Girder 2	50.7967	0.95	1	1	5.055033
Overweight Permit_str	BOBJ1	50.7967	Before	Interior Girder 3	50.7967	0.95	1	1	4.39877
Overweight Permit_str	BOBJ1	50.7967	Before	Interior Girder 4	50.7967	0.95	1	1	4.39877
Overweight Permit_str	BOBJ1	50.7967	Before	Interior Girder 5	50.7967	0.95	1	1	5.055033
Overweight Permit_str	BOBJ1	50.7967	Before	Interior Girder 6	50.7967	0.95	1	1	4.320441
Overweight Permit_str	BOBJ1	50.7967	Before	Right Exterior Girder	50.7967	0.95	1	1	4.600098
Overweight Permit_str	BOBJ1	50.7967	After	Left Exterior Girder	50.7967	0.95	1	1	4.814587
Overweight Permit_str	BOBJ1	50.7967	After	Interior Girder 1	50.7967	0.95	1	1	3.421773
Overweight Permit_str	BOBJ1	50.7967	After	Interior Girder 2	50.7967	0.95	1	1	3.831347
Overweight Permit_str	BOBJ1	50.7967	After	Interior Girder 3	50.7967	0.95	1	1	3.239349
Overweight Permit_str	BOBJ1	50.7967	After	Interior Girder 4	50.7967	0.95	1	1	3.239349
Overweight Permit_str	BOBJ1	50.7967	After	Interior Girder 5	50.7967	0.95	1	1	3.831347
Overweight Permit_str	BOBJ1	50.7967	After	Interior Girder 6	50.7967	0.95	1	1	3.421773
Overweight Permit_str	BOBJ1	50.7967	After	Right Exterior Girder	50.7967	0.95	1	1	4.814587
Overweight Permit_str	BOBJ1	51.3989	Before	Interior Girder 1	51.3989	0.95	1	1	3.415432
Overweight Permit_str	BOBJ1	51.3989	Before	Interior Girder 2	51.3989	0.95	1	1	3.824473
Overweight Permit_str	BOBJ1	51.3989	Before	Interior Girder 3	51.3989	0.95	1	1	3.233424
Overweight Permit_str	BOBJ1	51.3989	Before	Interior Girder 4	51.3989	0.95	1	1	3.233424

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Approach, Span 12-1									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Overweight Permit_str	BOBJ1	51.3989	Before	Interior Girder 5	51.3989	0.95	1	1	3.824473
Overweight Permit_str	BOBJ1	51.3989	Before	Interior Girder 6	51.3989	0.95	1	1	3.415432
Overweight Permit_str	BOBJ1	51.3989	After	Interior Girder 1	51.3989	0.95	1	1	4.165227
Overweight Permit_str	BOBJ1	51.3989	After	Interior Girder 2	51.3989	0.95	1	1	4.081178
Overweight Permit_str	BOBJ1	51.3989	After	Interior Girder 3	51.3989	0.95	1	1	3.469717
Overweight Permit_str	BOBJ1	51.3989	After	Interior Girder 4	51.3989	0.95	1	1	3.469717
Overweight Permit_str	BOBJ1	51.3989	After	Interior Girder 5	51.3989	0.95	1	1	4.081178
Overweight Permit_str	BOBJ1	51.3989	After	Interior Girder 6	51.3989	0.95	1	1	4.165227
Overweight Permit_str	BOBJ1	56.42	Before	Left Exterior Girder	56.42	0.95	1	1	4.512788
Overweight Permit_str	BOBJ1	56.42	Before	Interior Girder 1	56.42	0.95	1	1	4.0991
Overweight Permit_str	BOBJ1	56.42	Before	Interior Girder 2	56.42	0.95	1	1	4.016914
Overweight Permit_str	BOBJ1	56.42	Before	Interior Girder 3	56.42	0.95	1	1	3.413907
Overweight Permit_str	BOBJ1	56.42	Before	Interior Girder 4	56.42	0.95	1	1	3.413907
Overweight Permit_str	BOBJ1	56.42	Before	Interior Girder 5	56.42	0.95	1	1	4.016914
Overweight Permit_str	BOBJ1	56.42	Before	Interior Girder 6	56.42	0.95	1	1	4.0991
Overweight Permit_str	BOBJ1	56.42	Before	Right Exterior Girder	56.42	0.95	1	1	4.512788
Overweight Permit_str	BOBJ1	56.42	After	Left Exterior Girder	0	0.95	1	1	4.592112
Overweight Permit_str	BOBJ1	56.42	After	Interior Girder 1	0	0.95	1	1	4.218599
Overweight Permit_str	BOBJ1	56.42	After	Interior Girder 2	0	0.95	1	1	4.140274
Overweight Permit_str	BOBJ1	56.42	After	Interior Girder 3	0	0.95	1	1	3.518602
Overweight Permit_str	BOBJ1	56.42	After	Interior Girder 4	0	0.95	1	1	3.518602
Overweight Permit_str	BOBJ1	56.42	After	Interior Girder 5	0	0.95	1	1	4.140274
Overweight Permit_str	BOBJ1	56.42	After	Interior Girder 6	0	0.95	1	1	4.218599
Overweight Permit_str	BOBJ1	56.42	After	Right Exterior Girder	0	0.95	1	1	4.592112
Overweight Permit_str	BOBJ1	62.0367	Before	Left Exterior Girder	5.6167	0.95	1	1	4.661951
Overweight Permit_str	BOBJ1	62.0367	Before	Interior Girder 1	5.6167	0.95	1	1	4.293997
Overweight Permit_str	BOBJ1	62.0367	Before	Interior Girder 2	5.6167	0.95	1	1	4.213728
Overweight Permit_str	BOBJ1	62.0367	Before	Interior Girder 3	5.6167	0.95	1	1	3.582396
Overweight Permit_str	BOBJ1	62.0367	Before	Interior Girder 4	5.6167	0.95	1	1	3.582396
Overweight Permit_str	BOBJ1	62.0367	Before	Interior Girder 5	5.6167	0.95	1	1	4.213728
Overweight Permit_str	BOBJ1	62.0367	Before	Interior Girder 6	5.6167	0.95	1	1	4.293997
Overweight Permit_str	BOBJ1	62.0367	Before	Right Exterior Girder	5.6167	0.95	1	1	4.661951
Overweight Permit_str	BOBJ1	62.0367	After	Left Exterior Girder	5.6167	0.95	1	1	6.620521
Overweight Permit_str	BOBJ1	62.0367	After	Interior Girder 1	5.6167	0.95	1	1	4.096466
Overweight Permit_str	BOBJ1	62.0367	After	Interior Girder 2	5.6167	0.95	1	1	4.817518
Overweight Permit_str	BOBJ1	62.0367	After	Interior Girder 3	5.6167	0.95	1	1	4.153981
Overweight Permit_str	BOBJ1	62.0367	After	Interior Girder 4	5.6167	0.95	1	1	4.153981
Overweight Permit_str	BOBJ1	62.0367	After	Interior Girder 5	5.6167	0.95	1	1	4.817518
Overweight Permit_str	BOBJ1	62.0367	After	Interior Girder 6	5.6167	0.95	1	1	4.096466
Overweight Permit_str	BOBJ1	62.0367	After	Right Exterior Girder	5.6167	0.95	1	1	6.620521
Overweight Permit_str	BOBJ1	62.4203	Before	Interior Girder 1	6.0003	0.95	1	1	4.101481
Overweight Permit_str	BOBJ1	62.4203	Before	Interior Girder 2	6.0003	0.95	1	1	4.823243
Overweight Permit_str	BOBJ1	62.4203	Before	Interior Girder 3	6.0003	0.95	1	1	4.159016
Overweight Permit_str	BOBJ1	62.4203	Before	Interior Girder 4	6.0003	0.95	1	1	4.159016
Overweight Permit_str	BOBJ1	62.4203	Before	Interior Girder 5	6.0003	0.95	1	1	4.823243
Overweight Permit_str	BOBJ1	62.4203	Before	Interior Girder 6	6.0003	0.95	1	1	4.101481
Overweight Permit_str	BOBJ1	62.4203	After	Interior Girder 1	6.0003	0.95	1	1	4.158973
Overweight Permit_str	BOBJ1	62.4203	After	Interior Girder 2	6.0003	0.95	1	1	5.205786
Overweight Permit_str	BOBJ1	62.4203	After	Interior Girder 3	6.0003	0.95	1	1	4.527029
Overweight Permit_str	BOBJ1	62.4203	After	Interior Girder 4	6.0003	0.95	1	1	4.527029
Overweight Permit_str	BOBJ1	62.4203	After	Interior Girder 5	6.0003	0.95	1	1	5.205786
Overweight Permit_str	BOBJ1	62.4203	After	Interior Girder 6	6.0003	0.95	1	1	4.158973
Overweight Permit_str	BOBJ1	64.9204	Before	Left Exterior Girder	8.5004	0.95	1	1	4.984285
Overweight Permit_str	BOBJ1	64.9204	Before	Right Exterior Girder	8.5004	0.95	1	1	4.984285
Overweight Permit_str	BOBJ1	64.9204	After	Left Exterior Girder	8.5004	0.95	1	1	5.043925
Overweight Permit_str	BOBJ1	64.9204	After	Right Exterior Girder	8.5004	0.95	1	1	5.043925
Overweight Permit_str	BOBJ1	67.6533	Before	Left Exterior Girder	11.2333	0.95	1	1	5.074635
Overweight Permit_str	BOBJ1	67.6533	Before	Interior Girder 1	11.2333	0.95	1	1	5.469016
Overweight Permit_str	BOBJ1	67.6533	Before	Interior Girder 2	11.2333	0.95	1	1	5.285977
Overweight Permit_str	BOBJ1	67.6533	Before	Interior Girder 3	11.2333	0.95	1	1	4.597878
Overweight Permit_str	BOBJ1	67.6533	Before	Interior Girder 4	11.2333	0.95	1	1	4.597878
Overweight Permit_str	BOBJ1	67.6533	Before	Interior Girder 5	11.2333	0.95	1	1	5.285977
Overweight Permit_str	BOBJ1	67.6533	Before	Interior Girder 6	11.2333	0.95	1	1	5.469016
Overweight Permit_str	BOBJ1	67.6533	Before	Right Exterior Girder	11.2333	0.95	1	1	5.074635
Overweight Permit_str	BOBJ1	67.6533	After	Left Exterior Girder	11.2333	0.95	1	1	5.892238

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Approach, Span 12-1									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Overweight Permit_str	BOBJ1	67.6533	After	Interior Girder 1	11.2333	0.95	1	1	6.448872
Overweight Permit_str	BOBJ1	67.6533	After	Interior Girder 2	11.2333	0.95	1	1	6.466396
Overweight Permit_str	BOBJ1	67.6533	After	Interior Girder 3	11.2333	0.95	1	1	5.720935
Overweight Permit_str	BOBJ1	67.6533	After	Interior Girder 4	11.2333	0.95	1	1	5.720935
Overweight Permit_str	BOBJ1	67.6533	After	Interior Girder 5	11.2333	0.95	1	1	6.466396
Overweight Permit_str	BOBJ1	67.6533	After	Interior Girder 6	11.2333	0.95	1	1	6.448872
Overweight Permit_str	BOBJ1	67.6533	After	Right Exterior Girder	11.2333	0.95	1	1	5.892238
Overweight Permit_str	BOBJ1	73.27	Before	Left Exterior Girder	16.85	0.95	1	1	5.963736
Overweight Permit_str	BOBJ1	73.27	Before	Interior Girder 1	16.85	0.95	1	1	6.554251
Overweight Permit_str	BOBJ1	73.27	Before	Interior Girder 2	16.85	0.95	1	1	6.57122
Overweight Permit_str	BOBJ1	73.27	Before	Interior Girder 3	16.85	0.95	1	1	5.81484
Overweight Permit_str	BOBJ1	73.27	Before	Interior Girder 4	16.85	0.95	1	1	5.81484
Overweight Permit_str	BOBJ1	73.27	Before	Interior Girder 5	16.85	0.95	1	1	6.57122
Overweight Permit_str	BOBJ1	73.27	Before	Interior Girder 6	16.85	0.95	1	1	6.554251
Overweight Permit_str	BOBJ1	73.27	Before	Right Exterior Girder	16.85	0.95	1	1	5.963736
Overweight Permit_str	BOBJ1	73.27	After	Left Exterior Girder	16.85	0.95	1	1	7.710338
Overweight Permit_str	BOBJ1	73.27	After	Interior Girder 1	16.85	0.95	1	1	6.784426
Overweight Permit_str	BOBJ1	73.27	After	Interior Girder 2	16.85	0.95	1	1	6.606316
Overweight Permit_str	BOBJ1	73.27	After	Interior Girder 3	16.85	0.95	1	1	5.974931
Overweight Permit_str	BOBJ1	73.27	After	Interior Girder 4	16.85	0.95	1	1	5.974931
Overweight Permit_str	BOBJ1	73.27	After	Interior Girder 5	16.85	0.95	1	1	6.606316
Overweight Permit_str	BOBJ1	73.27	After	Interior Girder 6	16.85	0.95	1	1	6.784426
Overweight Permit_str	BOBJ1	73.27	After	Right Exterior Girder	16.85	0.95	1	1	7.710338
Overweight Permit_str	BOBJ1	78.8867	Before	Left Exterior Girder	22.4667	0.95	1	1	7.80057
Overweight Permit_str	BOBJ1	78.8867	Before	Interior Girder 1	22.4667	0.95	1	1	6.892751
Overweight Permit_str	BOBJ1	78.8867	Before	Interior Girder 2	22.4667	0.95	1	1	6.711505
Overweight Permit_str	BOBJ1	78.8867	Before	Interior Girder 3	22.4667	0.95	1	1	6.070342
Overweight Permit_str	BOBJ1	78.8867	Before	Interior Girder 4	22.4667	0.95	1	1	6.070342
Overweight Permit_str	BOBJ1	78.8867	Before	Interior Girder 5	22.4667	0.95	1	1	6.711505
Overweight Permit_str	BOBJ1	78.8867	Before	Interior Girder 6	22.4667	0.95	1	1	6.892751
Overweight Permit_str	BOBJ1	78.8867	Before	Right Exterior Girder	22.4667	0.95	1	1	7.80057
Overweight Permit_str	BOBJ1	78.8867	After	Left Exterior Girder	22.4667	0.95	1	1	9.431561
Overweight Permit_str	BOBJ1	78.8867	After	Interior Girder 1	22.4667	0.95	1	1	8.758177
Overweight Permit_str	BOBJ1	78.8867	After	Interior Girder 2	22.4667	0.95	1	1	8.55807
Overweight Permit_str	BOBJ1	78.8867	After	Interior Girder 3	22.4667	0.95	1	1	7.776356
Overweight Permit_str	BOBJ1	78.8867	After	Interior Girder 4	22.4667	0.95	1	1	7.776356
Overweight Permit_str	BOBJ1	78.8867	After	Interior Girder 5	22.4667	0.95	1	1	8.55807
Overweight Permit_str	BOBJ1	78.8867	After	Interior Girder 6	22.4667	0.95	1	1	8.758177
Overweight Permit_str	BOBJ1	78.8867	After	Right Exterior Girder	22.4667	0.95	1	1	9.431561
Overweight Permit_str	BOBJ1	84.5033	Before	Left Exterior Girder	28.0833	0.95	1	1	9.5382
Overweight Permit_str	BOBJ1	84.5033	Before	Interior Girder 1	28.0833	0.95	1	1	8.89518
Overweight Permit_str	BOBJ1	84.5033	Before	Interior Girder 2	28.0833	0.95	1	1	8.691492
Overweight Permit_str	BOBJ1	84.5033	Before	Interior Girder 3	28.0833	0.95	1	1	7.897782
Overweight Permit_str	BOBJ1	84.5033	Before	Interior Girder 4	28.0833	0.95	1	1	7.897782
Overweight Permit_str	BOBJ1	84.5033	Before	Interior Girder 5	28.0833	0.95	1	1	8.691492
Overweight Permit_str	BOBJ1	84.5033	Before	Interior Girder 6	28.0833	0.95	1	1	8.89518
Overweight Permit_str	BOBJ1	84.5033	Before	Right Exterior Girder	28.0833	0.95	1	1	9.5382
Overweight Permit_str	BOBJ1	84.5033	After	Left Exterior Girder	28.0833	0.95	1	1	12.1259
Overweight Permit_str	BOBJ1	84.5033	After	Interior Girder 1	28.0833	0.95	1	1	11.390097
Overweight Permit_str	BOBJ1	84.5033	After	Interior Girder 2	28.0833	0.95	1	1	10.944258
Overweight Permit_str	BOBJ1	84.5033	After	Interior Girder 3	28.0833	0.95	1	1	9.813444
Overweight Permit_str	BOBJ1	84.5033	After	Interior Girder 4	28.0833	0.95	1	1	9.813444
Overweight Permit_str	BOBJ1	84.5033	After	Interior Girder 5	28.0833	0.95	1	1	10.944258
Overweight Permit_str	BOBJ1	84.5033	After	Interior Girder 6	28.0833	0.95	1	1	11.390097
Overweight Permit_str	BOBJ1	84.5033	After	Right Exterior Girder	28.0833	0.95	1	1	12.1259
Overweight Permit_str	BOBJ1	90.12	Before	Left Exterior Girder	33.7	0.95	1	1	12.258576
Overweight Permit_str	BOBJ1	90.12	Before	Interior Girder 1	33.7	0.95	1	1	11.364898
Overweight Permit_str	BOBJ1	90.12	Before	Interior Girder 2	33.7	0.95	1	1	10.782806
Overweight Permit_str	BOBJ1	90.12	Before	Interior Girder 3	33.7	0.95	1	1	9.668809
Overweight Permit_str	BOBJ1	90.12	Before	Interior Girder 4	33.7	0.95	1	1	9.668809
Overweight Permit_str	BOBJ1	90.12	Before	Interior Girder 5	33.7	0.95	1	1	10.782806
Overweight Permit_str	BOBJ1	90.12	Before	Interior Girder 6	33.7	0.95	1	1	11.364898
Overweight Permit_str	BOBJ1	90.12	Before	Right Exterior Girder	33.7	0.95	1	1	12.258576
Overweight Permit_str	BOBJ1	90.12	After	Left Exterior Girder	33.7	0.95	1	1	11.921307
Overweight Permit_str	BOBJ1	90.12	After	Interior Girder 1	33.7	0.95	1	1	11.395691

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Approach, Span 12-1									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Overweight Permit_str	BOBJ1	90.12	After	Interior Girder 2	33.7	0.95	1	1	10.913622
Overweight Permit_str	BOBJ1	90.12	After	Interior Girder 3	33.7	0.95	1	1	9.780844
Overweight Permit_str	BOBJ1	90.12	After	Interior Girder 4	33.7	0.95	1	1	9.780844
Overweight Permit_str	BOBJ1	90.12	After	Interior Girder 5	33.7	0.95	1	1	10.913622
Overweight Permit_str	BOBJ1	90.12	After	Interior Girder 6	33.7	0.95	1	1	11.395691
Overweight Permit_str	BOBJ1	90.12	After	Right Exterior Girder	33.7	0.95	1	1	11.921307
Overweight Permit_str	BOBJ1	95.7367	Before	Left Exterior Girder	39.3167	0.95	1	1	11.792306
Overweight Permit_str	BOBJ1	95.7367	Before	Interior Girder 1	39.3167	0.95	1	1	11.223636
Overweight Permit_str	BOBJ1	95.7367	Before	Interior Girder 2	39.3167	0.95	1	1	11.066336
Overweight Permit_str	BOBJ1	95.7367	Before	Interior Girder 3	39.3167	0.95	1	1	9.927042
Overweight Permit_str	BOBJ1	95.7367	Before	Interior Girder 4	39.3167	0.95	1	1	9.927042
Overweight Permit_str	BOBJ1	95.7367	Before	Interior Girder 5	39.3167	0.95	1	1	11.066336
Overweight Permit_str	BOBJ1	95.7367	Before	Interior Girder 6	39.3167	0.95	1	1	11.223636
Overweight Permit_str	BOBJ1	95.7367	Before	Right Exterior Girder	39.3167	0.95	1	1	11.792306
Overweight Permit_str	BOBJ1	95.7367	After	Left Exterior Girder	39.3167	0.95	1	1	9.317452
Overweight Permit_str	BOBJ1	95.7367	After	Interior Girder 1	39.3167	0.95	1	1	8.749388
Overweight Permit_str	BOBJ1	95.7367	After	Interior Girder 2	39.3167	0.95	1	1	8.579456
Overweight Permit_str	BOBJ1	95.7367	After	Interior Girder 3	39.3167	0.95	1	1	7.793977
Overweight Permit_str	BOBJ1	95.7367	After	Interior Girder 4	39.3167	0.95	1	1	7.793977
Overweight Permit_str	BOBJ1	95.7367	After	Interior Girder 5	39.3167	0.95	1	1	8.579456
Overweight Permit_str	BOBJ1	95.7367	After	Interior Girder 6	39.3167	0.95	1	1	8.749388
Overweight Permit_str	BOBJ1	95.7367	After	Right Exterior Girder	39.3167	0.95	1	1	9.317452
Overweight Permit_str	BOBJ1	101.3533	Before	Left Exterior Girder	44.9333	0.95	1	1	9.213302
Overweight Permit_str	BOBJ1	101.3533	Before	Interior Girder 1	44.9333	0.95	1	1	8.614576
Overweight Permit_str	BOBJ1	101.3533	Before	Interior Girder 2	44.9333	0.95	1	1	8.447668
Overweight Permit_str	BOBJ1	101.3533	Before	Interior Girder 3	44.9333	0.95	1	1	7.674051
Overweight Permit_str	BOBJ1	101.3533	Before	Interior Girder 4	44.9333	0.95	1	1	7.674051
Overweight Permit_str	BOBJ1	101.3533	Before	Interior Girder 5	44.9333	0.95	1	1	8.447668
Overweight Permit_str	BOBJ1	101.3533	Before	Interior Girder 6	44.9333	0.95	1	1	8.614576
Overweight Permit_str	BOBJ1	101.3533	Before	Right Exterior Girder	44.9333	0.95	1	1	9.213302
Overweight Permit_str	BOBJ1	101.3533	After	Left Exterior Girder	44.9333	0.95	1	1	7.668987
Overweight Permit_str	BOBJ1	101.3533	After	Interior Girder 1	44.9333	0.95	1	1	6.810808
Overweight Permit_str	BOBJ1	101.3533	After	Interior Girder 2	44.9333	0.95	1	1	6.643443
Overweight Permit_str	BOBJ1	101.3533	After	Interior Girder 3	44.9333	0.95	1	1	6.006165
Overweight Permit_str	BOBJ1	101.3533	After	Interior Girder 4	44.9333	0.95	1	1	6.006165
Overweight Permit_str	BOBJ1	101.3533	After	Interior Girder 5	44.9333	0.95	1	1	6.643443
Overweight Permit_str	BOBJ1	101.3533	After	Interior Girder 6	44.9333	0.95	1	1	6.810808
Overweight Permit_str	BOBJ1	101.3533	After	Right Exterior Girder	44.9333	0.95	1	1	7.668987
Overweight Permit_str	BOBJ1	106.97	Before	Left Exterior Girder	50.55	0.95	1	1	7.580295
Overweight Permit_str	BOBJ1	106.97	Before	Interior Girder 1	50.55	0.95	1	1	6.703728
Overweight Permit_str	BOBJ1	106.97	Before	Interior Girder 2	50.55	0.95	1	1	6.539248
Overweight Permit_str	BOBJ1	106.97	Before	Interior Girder 3	50.55	0.95	1	1	5.911687
Overweight Permit_str	BOBJ1	106.97	Before	Interior Girder 4	50.55	0.95	1	1	5.911687
Overweight Permit_str	BOBJ1	106.97	Before	Interior Girder 5	50.55	0.95	1	1	6.539248
Overweight Permit_str	BOBJ1	106.97	Before	Interior Girder 6	50.55	0.95	1	1	6.703728
Overweight Permit_str	BOBJ1	106.97	Before	Right Exterior Girder	50.55	0.95	1	1	7.580295
Overweight Permit_str	BOBJ1	106.97	After	Left Exterior Girder	50.55	0.95	1	1	5.829197
Overweight Permit_str	BOBJ1	106.97	After	Interior Girder 1	50.55	0.95	1	1	6.506158
Overweight Permit_str	BOBJ1	106.97	After	Interior Girder 2	50.55	0.95	1	1	6.510819
Overweight Permit_str	BOBJ1	106.97	After	Interior Girder 3	50.55	0.95	1	1	5.761924
Overweight Permit_str	BOBJ1	106.97	After	Interior Girder 4	50.55	0.95	1	1	5.761924
Overweight Permit_str	BOBJ1	106.97	After	Interior Girder 5	50.55	0.95	1	1	6.510819
Overweight Permit_str	BOBJ1	106.97	After	Interior Girder 6	50.55	0.95	1	1	6.506158
Overweight Permit_str	BOBJ1	106.97	After	Right Exterior Girder	50.55	0.95	1	1	5.829197
Overweight Permit_str	BOBJ1	112.5933	Before	Left Exterior Girder	56.1733	0.95	1	1	5.759253
Overweight Permit_str	BOBJ1	112.5933	Before	Interior Girder 1	56.1733	0.95	1	1	6.401388
Overweight Permit_str	BOBJ1	112.5933	Before	Interior Girder 2	56.1733	0.95	1	1	6.406739
Overweight Permit_str	BOBJ1	112.5933	Before	Interior Girder 3	56.1733	0.95	1	1	5.668692
Overweight Permit_str	BOBJ1	112.5933	Before	Interior Girder 4	56.1733	0.95	1	1	5.668692
Overweight Permit_str	BOBJ1	112.5933	Before	Interior Girder 5	56.1733	0.95	1	1	6.406739
Overweight Permit_str	BOBJ1	112.5933	Before	Interior Girder 6	56.1733	0.95	1	1	6.401388
Overweight Permit_str	BOBJ1	112.5933	Before	Right Exterior Girder	56.1733	0.95	1	1	5.759253
Overweight Permit_str	BOBJ1	112.5933	After	Left Exterior Girder	56.1733	0.95	1	1	4.953365
Overweight Permit_str	BOBJ1	112.5933	After	Interior Girder 1	56.1733	0.95	1	1	5.399565
Overweight Permit_str	BOBJ1	112.5933	After	Interior Girder 2	56.1733	0.95	1	1	5.229427

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Approach, Span 12-1									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Overweight Permit_str	BOBJ1	112.5933	After	Interior Girder 3	56.1733	0.95	1	1	4.551335
Overweight Permit_str	BOBJ1	112.5933	After	Interior Girder 4	56.1733	0.95	1	1	4.551335
Overweight Permit_str	BOBJ1	112.5933	After	Interior Girder 5	56.1733	0.95	1	1	5.229427
Overweight Permit_str	BOBJ1	112.5933	After	Interior Girder 6	56.1733	0.95	1	1	5.399565
Overweight Permit_str	BOBJ1	112.5933	After	Right Exterior Girder	56.1733	0.95	1	1	4.953365
Overweight Permit_str	BOBJ1	115.3396	Before	Left Exterior Girder	58.9196	0.95	1	1	4.923262
Overweight Permit_str	BOBJ1	115.3396	Before	Right Exterior Girder	58.9196	0.95	1	1	4.923262
Overweight Permit_str	BOBJ1	115.3396	After	Left Exterior Girder	58.9196	0.95	1	1	4.823277
Overweight Permit_str	BOBJ1	115.3396	After	Right Exterior Girder	58.9196	0.95	1	1	4.823277
Overweight Permit_str	BOBJ1	118.2167	Before	Left Exterior Girder	61.7967	0.95	1	1	4.78725
Overweight Permit_str	BOBJ1	118.2167	Before	Interior Girder 1	61.9198	0.95	1	1	5.291721
Overweight Permit_str	BOBJ1	118.2167	Before	Interior Girder 2	61.9198	0.95	1	1	5.144073
Overweight Permit_str	BOBJ1	118.2167	Before	Interior Girder 3	61.9198	0.95	1	1	4.475894
Overweight Permit_str	BOBJ1	118.2167	Before	Interior Girder 4	61.9198	0.95	1	1	4.475894
Overweight Permit_str	BOBJ1	118.2167	Before	Interior Girder 5	61.9198	0.95	1	1	5.144073
Overweight Permit_str	BOBJ1	118.2167	Before	Interior Girder 6	61.9198	0.95	1	1	5.291721
Overweight Permit_str	BOBJ1	118.2167	Before	Right Exterior Girder	61.7967	0.95	1	1	4.78725
Overweight Permit_str	BOBJ1	118.2167	After	Left Exterior Girder	61.7967	0.95	1	1	4.542896
Overweight Permit_str	BOBJ1	118.2167	After	Interior Girder 1	61.9198	0.95	1	1	4.258339
Overweight Permit_str	BOBJ1	118.2167	After	Interior Girder 2	61.9198	0.95	1	1	4.167673
Overweight Permit_str	BOBJ1	118.2167	After	Interior Girder 3	61.9198	0.95	1	1	3.544741
Overweight Permit_str	BOBJ1	118.2167	After	Interior Girder 4	61.9198	0.95	1	1	3.544741
Overweight Permit_str	BOBJ1	118.2167	After	Interior Girder 5	61.9198	0.95	1	1	4.167673
Overweight Permit_str	BOBJ1	118.2167	After	Interior Girder 6	61.9198	0.95	1	1	4.258339
Overweight Permit_str	BOBJ1	118.2167	After	Right Exterior Girder	61.7967	0.95	1	1	4.542896
Overweight Permit_str	BOBJ1	123.84	Before	Left Exterior Girder	67.42	0.95	1	1	4.474796
Overweight Permit_str	BOBJ1	123.84	Before	Interior Girder 1	67.42	0.95	1	1	4.183444
Overweight Permit_str	BOBJ1	123.84	Before	Interior Girder 2	67.42	0.95	1	1	4.094852
Overweight Permit_str	BOBJ1	123.84	Before	Interior Girder 3	67.42	0.95	1	1	3.481494
Overweight Permit_str	BOBJ1	123.84	Before	Interior Girder 4	67.42	0.95	1	1	3.481494
Overweight Permit_str	BOBJ1	123.84	Before	Interior Girder 5	67.42	0.95	1	1	4.094852
Overweight Permit_str	BOBJ1	123.84	Before	Interior Girder 6	67.42	0.95	1	1	4.183444
Overweight Permit_str	BOBJ1	123.84	Before	Right Exterior Girder	67.42	0.95	1	1	4.474796
Overweight Permit_str	BOBJ1	123.84	After	Left Exterior Girder	0	0.95	1	1	4.513853
Overweight Permit_str	BOBJ1	123.84	After	Interior Girder 1	0	0.95	1	1	4.254507
Overweight Permit_str	BOBJ1	123.84	After	Interior Girder 2	0	0.95	1	1	4.160213
Overweight Permit_str	BOBJ1	123.84	After	Interior Girder 3	0	0.95	1	1	3.508496
Overweight Permit_str	BOBJ1	123.84	After	Interior Girder 4	0	0.95	1	1	3.508496
Overweight Permit_str	BOBJ1	123.84	After	Interior Girder 5	0	0.95	1	1	4.160213
Overweight Permit_str	BOBJ1	123.84	After	Interior Girder 6	0	0.95	1	1	4.254507
Overweight Permit_str	BOBJ1	123.84	After	Right Exterior Girder	0	0.95	1	1	4.513853
Overweight Permit_str	BOBJ1	129.34	Before	Interior Girder 1	5.5	0.95	1	1	4.329085
Overweight Permit_str	BOBJ1	129.34	Before	Interior Girder 2	5.5	0.95	1	1	4.23257
Overweight Permit_str	BOBJ1	129.34	Before	Interior Girder 3	5.5	0.95	1	1	3.570985
Overweight Permit_str	BOBJ1	129.34	Before	Interior Girder 4	5.5	0.95	1	1	3.570985
Overweight Permit_str	BOBJ1	129.34	Before	Interior Girder 5	5.5	0.95	1	1	4.23257
Overweight Permit_str	BOBJ1	129.34	Before	Interior Girder 6	5.5	0.95	1	1	4.329085
Overweight Permit_str	BOBJ1	129.34	After	Interior Girder 1	5.5	0.95	1	1	4.044324
Overweight Permit_str	BOBJ1	129.34	After	Interior Girder 2	5.5	0.95	1	1	4.342118
Overweight Permit_str	BOBJ1	129.34	After	Interior Girder 3	5.5	0.95	1	1	3.663724
Overweight Permit_str	BOBJ1	129.34	After	Interior Girder 4	5.5	0.95	1	1	3.663724
Overweight Permit_str	BOBJ1	129.34	After	Interior Girder 5	5.5	0.95	1	1	4.342118
Overweight Permit_str	BOBJ1	129.34	After	Interior Girder 6	5.5	0.95	1	1	4.044324
Overweight Permit_str	BOBJ1	130.79	Before	Left Exterior Girder	6.95	0.95	1	1	4.179066
Overweight Permit_str	BOBJ1	130.79	Before	Interior Girder 1	6.95	0.95	1	1	4.062058
Overweight Permit_str	BOBJ1	130.79	Before	Interior Girder 2	6.95	0.95	1	1	4.360721
Overweight Permit_str	BOBJ1	130.79	Before	Interior Girder 3	6.95	0.95	1	1	3.679757
Overweight Permit_str	BOBJ1	130.79	Before	Interior Girder 4	6.95	0.95	1	1	3.679757
Overweight Permit_str	BOBJ1	130.79	Before	Interior Girder 5	6.95	0.95	1	1	4.360721
Overweight Permit_str	BOBJ1	130.79	Before	Interior Girder 6	6.95	0.95	1	1	4.062058
Overweight Permit_str	BOBJ1	130.79	Before	Right Exterior Girder	6.95	0.95	1	1	4.179066
Overweight Permit_str	BOBJ1	130.79	After	Left Exterior Girder	6.95	0.95	1	1	4.439743
Overweight Permit_str	BOBJ1	130.79	After	Interior Girder 1	6.95	0.95	1	1	5.566366
Overweight Permit_str	BOBJ1	130.79	After	Interior Girder 2	6.95	0.95	1	1	5.793813
Overweight Permit_str	BOBJ1	130.79	After	Interior Girder 3	6.95	0.95	1	1	5.061699

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Approach, Span 12-1									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Overweight Permit_str	BOBJ1	130.79	After	Interior Girder 4	6.95	0.95	1	1	5.061699
Overweight Permit_str	BOBJ1	130.79	After	Interior Girder 5	6.95	0.95	1	1	5.793813
Overweight Permit_str	BOBJ1	130.79	After	Interior Girder 6	6.95	0.95	1	1	5.566366
Overweight Permit_str	BOBJ1	130.79	After	Right Exterior Girder	6.95	0.95	1	1	4.439743
Overweight Permit_str	BOBJ1	132.34	Before	Left Exterior Girder	8.5	0.95	1	1	4.457979
Overweight Permit_str	BOBJ1	132.34	Before	Right Exterior Girder	8.5	0.95	1	1	4.457979
Overweight Permit_str	BOBJ1	132.34	After	Left Exterior Girder	8.5	0.95	1	1	5.195607
Overweight Permit_str	BOBJ1	132.34	After	Right Exterior Girder	8.5	0.95	1	1	5.195607
Overweight Permit_str	BOBJ1	137.74	Before	Left Exterior Girder	13.9	0.95	1	1	5.257588
Overweight Permit_str	BOBJ1	137.74	Before	Interior Girder 1	13.9	0.95	1	1	5.950152
Overweight Permit_str	BOBJ1	137.74	Before	Interior Girder 2	13.9	0.95	1	1	5.911999
Overweight Permit_str	BOBJ1	137.74	Before	Interior Girder 3	13.9	0.95	1	1	5.166645
Overweight Permit_str	BOBJ1	137.74	Before	Interior Girder 4	13.9	0.95	1	1	5.166645
Overweight Permit_str	BOBJ1	137.74	Before	Interior Girder 5	13.9	0.95	1	1	5.911999
Overweight Permit_str	BOBJ1	137.74	Before	Interior Girder 6	13.9	0.95	1	1	5.950152
Overweight Permit_str	BOBJ1	137.74	Before	Right Exterior Girder	13.9	0.95	1	1	5.257588
Overweight Permit_str	BOBJ1	137.74	After	Left Exterior Girder	13.9	0.95	1	1	6.767883
Overweight Permit_str	BOBJ1	137.74	After	Interior Girder 1	13.9	0.95	1	1	6.241866
Overweight Permit_str	BOBJ1	137.74	After	Interior Girder 2	13.9	0.95	1	1	6.091517
Overweight Permit_str	BOBJ1	137.74	After	Interior Girder 3	13.9	0.95	1	1	5.51373
Overweight Permit_str	BOBJ1	137.74	After	Interior Girder 4	13.9	0.95	1	1	5.51373
Overweight Permit_str	BOBJ1	137.74	After	Interior Girder 5	13.9	0.95	1	1	6.091517
Overweight Permit_str	BOBJ1	137.74	After	Interior Girder 6	13.9	0.95	1	1	6.241866
Overweight Permit_str	BOBJ1	137.74	After	Right Exterior Girder	13.9	0.95	1	1	6.767883
Overweight Permit_str	BOBJ1	143.7733	Before	Left Exterior Girder	19.9333	0.95	1	1	6.854579
Overweight Permit_str	BOBJ1	143.7733	Before	Interior Girder 1	19.9333	0.95	1	1	6.350317
Overweight Permit_str	BOBJ1	143.7733	Before	Interior Girder 2	19.9333	0.95	1	1	6.197061
Overweight Permit_str	BOBJ1	143.7733	Before	Interior Girder 3	19.9333	0.95	1	1	5.609636
Overweight Permit_str	BOBJ1	143.7733	Before	Interior Girder 4	19.9333	0.95	1	1	5.609636
Overweight Permit_str	BOBJ1	143.7733	Before	Interior Girder 5	19.9333	0.95	1	1	6.197061
Overweight Permit_str	BOBJ1	143.7733	Before	Interior Girder 6	19.9333	0.95	1	1	6.350317
Overweight Permit_str	BOBJ1	143.7733	Before	Right Exterior Girder	19.9333	0.95	1	1	6.854579
Overweight Permit_str	BOBJ1	143.7733	After	Left Exterior Girder	19.9333	0.95	1	1	8.265335
Overweight Permit_str	BOBJ1	143.7733	After	Interior Girder 1	19.9333	0.95	1	1	8.103457
Overweight Permit_str	BOBJ1	143.7733	After	Interior Girder 2	19.9333	0.95	1	1	7.950958
Overweight Permit_str	BOBJ1	143.7733	After	Interior Girder 3	19.9333	0.95	1	1	7.24565
Overweight Permit_str	BOBJ1	143.7733	After	Interior Girder 4	19.9333	0.95	1	1	7.24565
Overweight Permit_str	BOBJ1	143.7733	After	Interior Girder 5	19.9333	0.95	1	1	7.950958
Overweight Permit_str	BOBJ1	143.7733	After	Interior Girder 6	19.9333	0.95	1	1	8.103457
Overweight Permit_str	BOBJ1	143.7733	After	Right Exterior Girder	19.9333	0.95	1	1	8.265335
Overweight Permit_str	BOBJ1	149.8067	Before	Left Exterior Girder	25.9667	0.95	1	1	8.367287
Overweight Permit_str	BOBJ1	149.8067	Before	Interior Girder 1	25.9667	0.95	1	1	8.241174
Overweight Permit_str	BOBJ1	149.8067	Before	Interior Girder 2	25.9667	0.95	1	1	8.085612
Overweight Permit_str	BOBJ1	149.8067	Before	Interior Girder 3	25.9667	0.95	1	1	7.368629
Overweight Permit_str	BOBJ1	149.8067	Before	Interior Girder 4	25.9667	0.95	1	1	7.368629
Overweight Permit_str	BOBJ1	149.8067	Before	Interior Girder 5	25.9667	0.95	1	1	8.085612
Overweight Permit_str	BOBJ1	149.8067	Before	Interior Girder 6	25.9667	0.95	1	1	8.241174
Overweight Permit_str	BOBJ1	149.8067	Before	Right Exterior Girder	25.9667	0.95	1	1	8.367287
Overweight Permit_str	BOBJ1	149.8067	After	Left Exterior Girder	25.9667	0.95	1	1	10.548957
Overweight Permit_str	BOBJ1	149.8067	After	Interior Girder 1	25.9667	0.95	1	1	10.588035
Overweight Permit_str	BOBJ1	149.8067	After	Interior Girder 2	25.9667	0.95	1	1	10.461298
Overweight Permit_str	BOBJ1	149.8067	After	Interior Girder 3	25.9667	0.95	1	1	9.546748
Overweight Permit_str	BOBJ1	149.8067	After	Interior Girder 4	25.9667	0.95	1	1	9.546748
Overweight Permit_str	BOBJ1	149.8067	After	Interior Girder 5	25.9667	0.95	1	1	10.461298
Overweight Permit_str	BOBJ1	149.8067	After	Interior Girder 6	25.9667	0.95	1	1	10.588035
Overweight Permit_str	BOBJ1	149.8067	After	Right Exterior Girder	25.9667	0.95	1	1	10.548957
Overweight Permit_str	BOBJ1	155.84	Before	Left Exterior Girder	32	0.95	1	1	10.674502
Overweight Permit_str	BOBJ1	155.84	Before	Interior Girder 1	32	0.95	1	1	10.764004
Overweight Permit_str	BOBJ1	155.84	Before	Interior Girder 2	32	0.95	1	1	10.634487
Overweight Permit_str	BOBJ1	155.84	Before	Interior Girder 3	32	0.95	1	1	9.705028
Overweight Permit_str	BOBJ1	155.84	Before	Interior Girder 4	32	0.95	1	1	9.705028
Overweight Permit_str	BOBJ1	155.84	Before	Interior Girder 5	32	0.95	1	1	10.634487
Overweight Permit_str	BOBJ1	155.84	Before	Interior Girder 6	32	0.95	1	1	10.764004
Overweight Permit_str	BOBJ1	155.84	Before	Right Exterior Girder	32	0.95	1	1	10.674502
Overweight Permit_str	BOBJ1	155.84	After	Left Exterior Girder	32	0.95	1	1	13.692754

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Approach, Span 12-1									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Overweight Permit_str	BOBJ1	155.84	After	Interior Girder 1	32	0.95	1	1	10.687189
Overweight Permit_str	BOBJ1	155.84	After	Interior Girder 2	32	0.95	1	1	10.165321
Overweight Permit_str	BOBJ1	155.84	After	Interior Girder 3	32	0.95	1	1	9.132202
Overweight Permit_str	BOBJ1	155.84	After	Interior Girder 4	32	0.95	1	1	9.132202
Overweight Permit_str	BOBJ1	155.84	After	Interior Girder 5	32	0.95	1	1	10.165321
Overweight Permit_str	BOBJ1	155.84	After	Interior Girder 6	32	0.95	1	1	10.687189
Overweight Permit_str	BOBJ1	155.84	After	Right Exterior Girder	32	0.95	1	1	13.692754
Overweight Permit_str	BOBJ1	161.8733	Before	Left Exterior Girder	38.0333	0.95	1	1	13.535224
Overweight Permit_str	BOBJ1	161.8733	Before	Interior Girder 1	38.0333	0.95	1	1	10.859688
Overweight Permit_str	BOBJ1	161.8733	Before	Interior Girder 2	38.0333	0.95	1	1	10.329968
Overweight Permit_str	BOBJ1	161.8733	Before	Interior Girder 3	38.0333	0.95	1	1	9.280036
Overweight Permit_str	BOBJ1	161.8733	Before	Interior Girder 4	38.0333	0.95	1	1	9.280036
Overweight Permit_str	BOBJ1	161.8733	Before	Interior Girder 5	38.0333	0.95	1	1	10.329968
Overweight Permit_str	BOBJ1	161.8733	Before	Interior Girder 6	38.0333	0.95	1	1	10.859688
Overweight Permit_str	BOBJ1	161.8733	Before	Right Exterior Girder	38.0333	0.95	1	1	13.535224
Overweight Permit_str	BOBJ1	161.8733	After	Left Exterior Girder	38.0333	0.95	1	1	10.395368
Overweight Permit_str	BOBJ1	161.8733	After	Interior Girder 1	38.0333	0.95	1	1	9.327549
Overweight Permit_str	BOBJ1	161.8733	After	Interior Girder 2	38.0333	0.95	1	1	9.116975
Overweight Permit_str	BOBJ1	161.8733	After	Interior Girder 3	38.0333	0.95	1	1	8.288739
Overweight Permit_str	BOBJ1	161.8733	After	Interior Girder 4	38.0333	0.95	1	1	8.288739
Overweight Permit_str	BOBJ1	161.8733	After	Interior Girder 5	38.0333	0.95	1	1	9.116975
Overweight Permit_str	BOBJ1	161.8733	After	Interior Girder 6	38.0333	0.95	1	1	9.327549
Overweight Permit_str	BOBJ1	161.8733	After	Right Exterior Girder	38.0333	0.95	1	1	10.395368
Overweight Permit_str	BOBJ1	167.9067	Before	Left Exterior Girder	44.0667	0.95	1	1	10.271576
Overweight Permit_str	BOBJ1	167.9067	Before	Interior Girder 1	44.0667	0.95	1	1	9.174113
Overweight Permit_str	BOBJ1	167.9067	Before	Interior Girder 2	44.0667	0.95	1	1	8.967474
Overweight Permit_str	BOBJ1	167.9067	Before	Interior Girder 3	44.0667	0.95	1	1	8.152669
Overweight Permit_str	BOBJ1	167.9067	Before	Interior Girder 4	44.0667	0.95	1	1	8.152669
Overweight Permit_str	BOBJ1	167.9067	Before	Interior Girder 5	44.0667	0.95	1	1	8.967474
Overweight Permit_str	BOBJ1	167.9067	Before	Interior Girder 6	44.0667	0.95	1	1	9.174113
Overweight Permit_str	BOBJ1	167.9067	Before	Right Exterior Girder	44.0667	0.95	1	1	10.271576
Overweight Permit_str	BOBJ1	167.9067	After	Left Exterior Girder	44.0667	0.95	1	1	8.267118
Overweight Permit_str	BOBJ1	167.9067	After	Interior Girder 1	44.0667	0.95	1	1	7.077194
Overweight Permit_str	BOBJ1	167.9067	After	Interior Girder 2	44.0667	0.95	1	1	6.892409
Overweight Permit_str	BOBJ1	167.9067	After	Interior Girder 3	44.0667	0.95	1	1	6.242702
Overweight Permit_str	BOBJ1	167.9067	After	Interior Girder 4	44.0667	0.95	1	1	6.242702
Overweight Permit_str	BOBJ1	167.9067	After	Interior Girder 5	44.0667	0.95	1	1	6.892409
Overweight Permit_str	BOBJ1	167.9067	After	Interior Girder 6	44.0667	0.95	1	1	7.077194
Overweight Permit_str	BOBJ1	167.9067	After	Right Exterior Girder	44.0667	0.95	1	1	8.267118
Overweight Permit_str	BOBJ1	173.94	Before	Left Exterior Girder	50.1	0.95	1	1	8.16504
Overweight Permit_str	BOBJ1	173.94	Before	Interior Girder 1	50.1	0.95	1	1	6.95823
Overweight Permit_str	BOBJ1	173.94	Before	Interior Girder 2	50.1	0.95	1	1	6.77684
Overweight Permit_str	BOBJ1	173.94	Before	Interior Girder 3	50.1	0.95	1	1	6.137785
Overweight Permit_str	BOBJ1	173.94	Before	Interior Girder 4	50.1	0.95	1	1	6.137785
Overweight Permit_str	BOBJ1	173.94	Before	Interior Girder 5	50.1	0.95	1	1	6.77684
Overweight Permit_str	BOBJ1	173.94	Before	Interior Girder 6	50.1	0.95	1	1	6.95823
Overweight Permit_str	BOBJ1	173.94	Before	Right Exterior Girder	50.1	0.95	1	1	8.16504
Overweight Permit_str	BOBJ1	173.94	After	Left Exterior Girder	50.1	0.95	1	1	6.083063
Overweight Permit_str	BOBJ1	173.94	After	Interior Girder 1	50.1	0.95	1	1	6.765872
Overweight Permit_str	BOBJ1	173.94	After	Interior Girder 2	50.1	0.95	1	1	6.785175
Overweight Permit_str	BOBJ1	173.94	After	Interior Girder 3	50.1	0.95	1	1	6.027561
Overweight Permit_str	BOBJ1	173.94	After	Interior Girder 4	50.1	0.95	1	1	6.027561
Overweight Permit_str	BOBJ1	173.94	After	Interior Girder 5	50.1	0.95	1	1	6.785175
Overweight Permit_str	BOBJ1	173.94	After	Interior Girder 6	50.1	0.95	1	1	6.765872
Overweight Permit_str	BOBJ1	173.94	After	Right Exterior Girder	50.1	0.95	1	1	6.083063
Overweight Permit_str	BOBJ1	179.98	Before	Left Exterior Girder	56.14	0.95	1	1	6.004966
Overweight Permit_str	BOBJ1	179.98	Before	Interior Girder 1	56.14	0.95	1	1	6.649197
Overweight Permit_str	BOBJ1	179.98	Before	Interior Girder 2	56.14	0.95	1	1	6.669044
Overweight Permit_str	BOBJ1	179.98	Before	Interior Girder 3	56.14	0.95	1	1	5.923218
Overweight Permit_str	BOBJ1	179.98	Before	Interior Girder 4	56.14	0.95	1	1	5.923218
Overweight Permit_str	BOBJ1	179.98	Before	Interior Girder 5	56.14	0.95	1	1	6.669044
Overweight Permit_str	BOBJ1	179.98	Before	Interior Girder 6	56.14	0.95	1	1	6.649197
Overweight Permit_str	BOBJ1	179.98	Before	Right Exterior Girder	56.14	0.95	1	1	6.004966
Overweight Permit_str	BOBJ1	179.98	After	Left Exterior Girder	56.14	0.95	1	1	5.181582
Overweight Permit_str	BOBJ1	179.98	After	Interior Girder 1	56.14	0.95	1	1	5.463102

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Approach, Span 12-1									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Overweight Permit_str	BOBJ1	179.98	After	Interior Girder 2	56.14	0.95	1	1	5.357039
Overweight Permit_str	BOBJ1	179.98	After	Interior Girder 3	56.14	0.95	1	1	4.684158
Overweight Permit_str	BOBJ1	179.98	After	Interior Girder 4	56.14	0.95	1	1	4.684158
Overweight Permit_str	BOBJ1	179.98	After	Interior Girder 5	56.14	0.95	1	1	5.357039
Overweight Permit_str	BOBJ1	179.98	After	Interior Girder 6	56.14	0.95	1	1	5.463102
Overweight Permit_str	BOBJ1	179.98	After	Right Exterior Girder	56.14	0.95	1	1	5.181582
Overweight Permit_str	BOBJ1	183.56	Before	Left Exterior Girder	59.72	0.95	1	1	5.14065
Overweight Permit_str	BOBJ1	183.56	Before	Right Exterior Girder	59.72	0.95	1	1	5.14065
Overweight Permit_str	BOBJ1	183.56	After	Left Exterior Girder	59.72	0.95	1	1	4.864863
Overweight Permit_str	BOBJ1	183.56	After	Right Exterior Girder	59.72	0.95	1	1	4.864863
Overweight Permit_str	BOBJ1	186.02	Before	Left Exterior Girder	62.18	0.95	1	1	4.833122
Overweight Permit_str	BOBJ1	186.02	Before	Interior Girder 1	62.22	0.95	1	1	5.483949
Overweight Permit_str	BOBJ1	186.02	Before	Interior Girder 2	62.22	0.95	1	1	5.263278
Overweight Permit_str	BOBJ1	186.02	Before	Interior Girder 3	62.22	0.95	1	1	4.600954
Overweight Permit_str	BOBJ1	186.02	Before	Interior Girder 4	62.22	0.95	1	1	4.600954
Overweight Permit_str	BOBJ1	186.02	Before	Interior Girder 5	62.22	0.95	1	1	5.263278
Overweight Permit_str	BOBJ1	186.02	Before	Interior Girder 6	62.22	0.95	1	1	5.483949
Overweight Permit_str	BOBJ1	186.02	Before	Right Exterior Girder	62.18	0.95	1	1	4.833122
Overweight Permit_str	BOBJ1	186.02	After	Left Exterior Girder	62.18	0.95	1	1	4.635166
Overweight Permit_str	BOBJ1	186.02	After	Interior Girder 1	62.22	0.95	1	1	4.300686
Overweight Permit_str	BOBJ1	186.02	After	Interior Girder 2	62.22	0.95	1	1	4.208467
Overweight Permit_str	BOBJ1	186.02	After	Interior Girder 3	62.22	0.95	1	1	3.590867
Overweight Permit_str	BOBJ1	186.02	After	Interior Girder 4	62.22	0.95	1	1	3.590867
Overweight Permit_str	BOBJ1	186.02	After	Interior Girder 5	62.22	0.95	1	1	4.208467
Overweight Permit_str	BOBJ1	186.02	After	Interior Girder 6	62.22	0.95	1	1	4.300686
Overweight Permit_str	BOBJ1	186.02	After	Right Exterior Girder	62.18	0.95	1	1	4.635166
Overweight Permit_str	BOBJ1	192.06	Before	Left Exterior Girder	68.22	0.95	1	1	4.559132
Overweight Permit_str	BOBJ1	192.06	Before	Interior Girder 1	68.22	0.95	1	1	4.218698
Overweight Permit_str	BOBJ1	192.06	Before	Interior Girder 2	68.22	0.95	1	1	4.128757
Overweight Permit_str	BOBJ1	192.06	Before	Interior Girder 3	68.22	0.95	1	1	3.521431
Overweight Permit_str	BOBJ1	192.06	Before	Interior Girder 4	68.22	0.95	1	1	3.521431
Overweight Permit_str	BOBJ1	192.06	Before	Interior Girder 5	68.22	0.95	1	1	4.128757
Overweight Permit_str	BOBJ1	192.06	Before	Interior Girder 6	68.22	0.95	1	1	4.218698
Overweight Permit_str	BOBJ1	192.06	Before	Right Exterior Girder	68.22	0.95	1	1	4.559132
Overweight Permit_str	BOBJ1	192.06	After	Left Exterior Girder	0	0.95	1	1	4.403567
Overweight Permit_str	BOBJ1	192.06	After	Interior Girder 1	0	0.95	1	1	4.23335
Overweight Permit_str	BOBJ1	192.06	After	Interior Girder 2	0	0.95	1	1	4.138721
Overweight Permit_str	BOBJ1	192.06	After	Interior Girder 3	0	0.95	1	1	3.388991
Overweight Permit_str	BOBJ1	192.06	After	Interior Girder 4	0	0.95	1	1	3.388991
Overweight Permit_str	BOBJ1	192.06	After	Interior Girder 5	0	0.95	1	1	4.138721
Overweight Permit_str	BOBJ1	192.06	After	Interior Girder 6	0	0.95	1	1	4.23335
Overweight Permit_str	BOBJ1	192.06	After	Right Exterior Girder	0	0.95	1	1	4.403567
Overweight Permit_str	BOBJ1	197.087	Before	Interior Girder 1	5.027	0.95	1	1	4.30233
Overweight Permit_str	BOBJ1	197.087	Before	Interior Girder 2	5.027	0.95	1	1	4.205406
Overweight Permit_str	BOBJ1	197.087	Before	Interior Girder 3	5.027	0.95	1	1	3.445534
Overweight Permit_str	BOBJ1	197.087	Before	Interior Girder 4	5.027	0.95	1	1	3.445534
Overweight Permit_str	BOBJ1	197.087	Before	Interior Girder 5	5.027	0.95	1	1	4.205406
Overweight Permit_str	BOBJ1	197.087	Before	Interior Girder 6	5.027	0.95	1	1	4.30233
Overweight Permit_str	BOBJ1	197.087	After	Interior Girder 1	5.027	0.95	1	1	4.218217
Overweight Permit_str	BOBJ1	197.087	After	Interior Girder 2	5.027	0.95	1	1	4.826891
Overweight Permit_str	BOBJ1	197.087	After	Interior Girder 3	5.027	0.95	1	1	4.03489
Overweight Permit_str	BOBJ1	197.087	After	Interior Girder 4	5.027	0.95	1	1	4.03489
Overweight Permit_str	BOBJ1	197.087	After	Interior Girder 5	5.027	0.95	1	1	4.826891
Overweight Permit_str	BOBJ1	197.087	After	Interior Girder 6	5.027	0.95	1	1	4.218217
Overweight Permit_str	BOBJ1	197.91	Before	Left Exterior Girder	5.85	0.95	1	1	4.420531
Overweight Permit_str	BOBJ1	197.91	Before	Interior Girder 1	5.85	0.95	1	1	4.228879
Overweight Permit_str	BOBJ1	197.91	Before	Interior Girder 2	5.85	0.95	1	1	4.838706
Overweight Permit_str	BOBJ1	197.91	Before	Interior Girder 3	5.85	0.95	1	1	4.045084
Overweight Permit_str	BOBJ1	197.91	Before	Interior Girder 4	5.85	0.95	1	1	4.045084
Overweight Permit_str	BOBJ1	197.91	Before	Interior Girder 5	5.85	0.95	1	1	4.838706
Overweight Permit_str	BOBJ1	197.91	Before	Interior Girder 6	5.85	0.95	1	1	4.228879
Overweight Permit_str	BOBJ1	197.91	Before	Right Exterior Girder	5.85	0.95	1	1	4.420531
Overweight Permit_str	BOBJ1	197.91	After	Left Exterior Girder	5.85	0.95	1	1	4.601106
Overweight Permit_str	BOBJ1	197.91	After	Interior Girder 1	5.85	0.95	1	1	4.311691
Overweight Permit_str	BOBJ1	197.91	After	Interior Girder 2	5.85	0.95	1	1	4.759874

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Approach, Span 12-1									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Overweight Permit_str	BOBJ1	197.91	After	Interior Girder 3	5.85	0.95	1	1	4.196034
Overweight Permit_str	BOBJ1	197.91	After	Interior Girder 4	5.85	0.95	1	1	4.196034
Overweight Permit_str	BOBJ1	197.91	After	Interior Girder 5	5.85	0.95	1	1	4.759874
Overweight Permit_str	BOBJ1	197.91	After	Interior Girder 6	5.85	0.95	1	1	4.311691
Overweight Permit_str	BOBJ1	197.91	After	Right Exterior Girder	5.85	0.95	1	1	4.601106
Overweight Permit_str	BOBJ1	199.1816	Before	Left Exterior Girder	7.1216	0.95	1	1	4.617135
Overweight Permit_str	BOBJ1	199.1816	Before	Right Exterior Girder	7.1216	0.95	1	1	4.617135
Overweight Permit_str	BOBJ1	199.1816	After	Left Exterior Girder	7.1216	0.95	1	1	5.22366
Overweight Permit_str	BOBJ1	199.1816	After	Right Exterior Girder	7.1216	0.95	1	1	5.22366
Overweight Permit_str	BOBJ1	203.5267	Before	Left Exterior Girder	11.3107	0.95	1	1	5.277449
Overweight Permit_str	BOBJ1	203.5267	Before	Interior Girder 1	11.3107	0.95	1	1	4.990127
Overweight Permit_str	BOBJ1	203.5267	Before	Interior Girder 2	11.3107	0.95	1	1	4.839619
Overweight Permit_str	BOBJ1	203.5267	Before	Interior Girder 3	11.3107	0.95	1	1	4.267164
Overweight Permit_str	BOBJ1	203.5267	Before	Interior Girder 4	11.3107	0.95	1	1	4.267164
Overweight Permit_str	BOBJ1	203.5267	Before	Interior Girder 5	11.3107	0.95	1	1	4.839619
Overweight Permit_str	BOBJ1	203.5267	Before	Interior Girder 6	11.3107	0.95	1	1	4.990127
Overweight Permit_str	BOBJ1	203.5267	Before	Right Exterior Girder	11.3107	0.95	1	1	5.277449
Overweight Permit_str	BOBJ1	203.5267	After	Left Exterior Girder	11.3107	0.95	1	1	7.156925
Overweight Permit_str	BOBJ1	203.5267	After	Interior Girder 1	11.3107	0.95	1	1	7.154413
Overweight Permit_str	BOBJ1	203.5267	After	Interior Girder 2	11.3107	0.95	1	1	6.97717
Overweight Permit_str	BOBJ1	203.5267	After	Interior Girder 3	11.3107	0.95	1	1	6.239799
Overweight Permit_str	BOBJ1	203.5267	After	Interior Girder 4	11.3107	0.95	1	1	6.239799
Overweight Permit_str	BOBJ1	203.5267	After	Interior Girder 5	11.3107	0.95	1	1	6.97717
Overweight Permit_str	BOBJ1	203.5267	After	Interior Girder 6	11.3107	0.95	1	1	7.154413
Overweight Permit_str	BOBJ1	203.5267	After	Right Exterior Girder	11.3107	0.95	1	1	7.156925
Overweight Permit_str	BOBJ1	209.1433	Before	Left Exterior Girder	17.0833	0.95	1	1	7.240483
Overweight Permit_str	BOBJ1	209.1433	Before	Interior Girder 1	17.0833	0.95	1	1	7.264085
Overweight Permit_str	BOBJ1	209.1433	Before	Interior Girder 2	17.0833	0.95	1	1	7.083506
Overweight Permit_str	BOBJ1	209.1433	Before	Interior Girder 3	17.0833	0.95	1	1	6.335581
Overweight Permit_str	BOBJ1	209.1433	Before	Interior Girder 4	17.0833	0.95	1	1	6.335581
Overweight Permit_str	BOBJ1	209.1433	Before	Interior Girder 5	17.0833	0.95	1	1	7.083506
Overweight Permit_str	BOBJ1	209.1433	Before	Interior Girder 6	17.0833	0.95	1	1	7.264085
Overweight Permit_str	BOBJ1	209.1433	Before	Right Exterior Girder	17.0833	0.95	1	1	7.240483
Overweight Permit_str	BOBJ1	209.1433	After	Left Exterior Girder	17.0833	0.95	1	1	8.673457
Overweight Permit_str	BOBJ1	209.1433	After	Interior Girder 1	17.0833	0.95	1	1	8.895387
Overweight Permit_str	BOBJ1	209.1433	After	Interior Girder 2	17.0833	0.95	1	1	8.717932
Overweight Permit_str	BOBJ1	209.1433	After	Interior Girder 3	17.0833	0.95	1	1	7.83834
Overweight Permit_str	BOBJ1	209.1433	After	Interior Girder 4	17.0833	0.95	1	1	7.83834
Overweight Permit_str	BOBJ1	209.1433	After	Interior Girder 5	17.0833	0.95	1	1	8.717932
Overweight Permit_str	BOBJ1	209.1433	After	Interior Girder 6	17.0833	0.95	1	1	8.895387
Overweight Permit_str	BOBJ1	209.1433	After	Right Exterior Girder	17.0833	0.95	1	1	8.673457
Overweight Permit_str	BOBJ1	214.76	Before	Left Exterior Girder	22.7	0.95	1	1	8.771531
Overweight Permit_str	BOBJ1	214.76	Before	Interior Girder 1	22.7	0.95	1	1	9.029133
Overweight Permit_str	BOBJ1	214.76	Before	Interior Girder 2	22.7	0.95	1	1	8.848209
Overweight Permit_str	BOBJ1	214.76	Before	Interior Girder 3	22.7	0.95	1	1	7.956124
Overweight Permit_str	BOBJ1	214.76	Before	Interior Girder 4	22.7	0.95	1	1	7.956124
Overweight Permit_str	BOBJ1	214.76	Before	Interior Girder 5	22.7	0.95	1	1	8.848209
Overweight Permit_str	BOBJ1	214.76	Before	Interior Girder 6	22.7	0.95	1	1	9.029133
Overweight Permit_str	BOBJ1	214.76	Before	Right Exterior Girder	22.7	0.95	1	1	8.771531
Overweight Permit_str	BOBJ1	214.76	After	Left Exterior Girder	22.7	0.95	1	1	12.705994
Overweight Permit_str	BOBJ1	214.76	After	Interior Girder 1	22.7	0.95	1	1	9.483299
Overweight Permit_str	BOBJ1	214.76	After	Interior Girder 2	22.7	0.95	1	1	8.997045
Overweight Permit_str	BOBJ1	214.76	After	Interior Girder 3	22.7	0.95	1	1	8.04566
Overweight Permit_str	BOBJ1	214.76	After	Interior Girder 4	22.7	0.95	1	1	8.04566
Overweight Permit_str	BOBJ1	214.76	After	Interior Girder 5	22.7	0.95	1	1	8.997045
Overweight Permit_str	BOBJ1	214.76	After	Interior Girder 6	22.7	0.95	1	1	9.483299
Overweight Permit_str	BOBJ1	214.76	After	Right Exterior Girder	22.7	0.95	1	1	12.705994
Overweight Permit_str	BOBJ1	220.3767	Before	Left Exterior Girder	28.3167	0.95	1	1	12.845581
Overweight Permit_str	BOBJ1	220.3767	Before	Interior Girder 1	28.3167	0.95	1	1	9.622592
Overweight Permit_str	BOBJ1	220.3767	Before	Interior Girder 2	28.3167	0.95	1	1	9.129078
Overweight Permit_str	BOBJ1	220.3767	Before	Interior Girder 3	28.3167	0.95	1	1	8.163826
Overweight Permit_str	BOBJ1	220.3767	Before	Interior Girder 4	28.3167	0.95	1	1	8.163826
Overweight Permit_str	BOBJ1	220.3767	Before	Interior Girder 5	28.3167	0.95	1	1	9.129078
Overweight Permit_str	BOBJ1	220.3767	Before	Interior Girder 6	28.3167	0.95	1	1	9.622592
Overweight Permit_str	BOBJ1	220.3767	Before	Right Exterior Girder	28.3167	0.95	1	1	12.845581

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Approach, Span 12-1									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Overweight Permit_str	BOBJ1	220.3767	After	Left Exterior Girder	28.3167	0.95	1	1	17.072037
Overweight Permit_str	BOBJ1	220.3767	After	Interior Girder 1	28.3167	0.95	1	1	13.089652
Overweight Permit_str	BOBJ1	220.3767	After	Interior Girder 2	28.3167	0.95	1	1	12.399895
Overweight Permit_str	BOBJ1	220.3767	After	Interior Girder 3	28.3167	0.95	1	1	11.012564
Overweight Permit_str	BOBJ1	220.3767	After	Interior Girder 4	28.3167	0.95	1	1	11.012564
Overweight Permit_str	BOBJ1	220.3767	After	Interior Girder 5	28.3167	0.95	1	1	12.399895
Overweight Permit_str	BOBJ1	220.3767	After	Interior Girder 6	28.3167	0.95	1	1	13.089652
Overweight Permit_str	BOBJ1	220.3767	After	Right Exterior Girder	28.3167	0.95	1	1	17.072037
Overweight Permit_str	BOBJ1	225.9933	Before	Left Exterior Girder	33.9333	0.95	1	1	17.254072
Overweight Permit_str	BOBJ1	225.9933	Before	Interior Girder 1	33.9333	0.95	1	1	13.278309
Overweight Permit_str	BOBJ1	225.9933	Before	Interior Girder 2	33.9333	0.95	1	1	12.578396
Overweight Permit_str	BOBJ1	225.9933	Before	Interior Girder 3	33.9333	0.95	1	1	11.171103
Overweight Permit_str	BOBJ1	225.9933	Before	Interior Girder 4	33.9333	0.95	1	1	11.171103
Overweight Permit_str	BOBJ1	225.9933	Before	Interior Girder 5	33.9333	0.95	1	1	12.578396
Overweight Permit_str	BOBJ1	225.9933	Before	Interior Girder 6	33.9333	0.95	1	1	13.278309
Overweight Permit_str	BOBJ1	225.9933	Before	Right Exterior Girder	33.9333	0.95	1	1	17.254072
Overweight Permit_str	BOBJ1	225.9933	After	Left Exterior Girder	33.9333	0.95	1	1	21.046946
Overweight Permit_str	BOBJ1	225.9933	After	Interior Girder 1	33.9333	0.95	1	1	12.552277
Overweight Permit_str	BOBJ1	225.9933	After	Interior Girder 2	33.9333	0.95	1	1	11.611098
Overweight Permit_str	BOBJ1	225.9933	After	Interior Girder 3	33.9333	0.95	1	1	10.326235
Overweight Permit_str	BOBJ1	225.9933	After	Interior Girder 4	33.9333	0.95	1	1	10.326235
Overweight Permit_str	BOBJ1	225.9933	After	Interior Girder 5	33.9333	0.95	1	1	11.611098
Overweight Permit_str	BOBJ1	225.9933	After	Interior Girder 6	33.9333	0.95	1	1	12.552277
Overweight Permit_str	BOBJ1	225.9933	After	Right Exterior Girder	33.9333	0.95	1	1	21.046946
Overweight Permit_str	BOBJ1	231.61	Before	Left Exterior Girder	39.55	0.95	1	1	20.82756
Overweight Permit_str	BOBJ1	231.61	Before	Interior Girder 1	39.55	0.95	1	1	12.375544
Overweight Permit_str	BOBJ1	231.61	Before	Interior Girder 2	39.55	0.95	1	1	11.447397
Overweight Permit_str	BOBJ1	231.61	Before	Interior Girder 3	39.55	0.95	1	1	10.18058
Overweight Permit_str	BOBJ1	231.61	Before	Interior Girder 4	39.55	0.95	1	1	10.18058
Overweight Permit_str	BOBJ1	231.61	Before	Interior Girder 5	39.55	0.95	1	1	11.447397
Overweight Permit_str	BOBJ1	231.61	Before	Interior Girder 6	39.55	0.95	1	1	12.375544
Overweight Permit_str	BOBJ1	231.61	Before	Right Exterior Girder	39.55	0.95	1	1	20.82756
Overweight Permit_str	BOBJ1	231.61	After	Left Exterior Girder	39.55	0.95	1	1	12.893959
Overweight Permit_str	BOBJ1	231.61	After	Interior Girder 1	39.55	0.95	1	1	12.076412
Overweight Permit_str	BOBJ1	231.61	After	Interior Girder 2	39.55	0.95	1	1	11.956023
Overweight Permit_str	BOBJ1	231.61	After	Interior Girder 3	39.55	0.95	1	1	10.763841
Overweight Permit_str	BOBJ1	231.61	After	Interior Girder 4	39.55	0.95	1	1	10.763841
Overweight Permit_str	BOBJ1	231.61	After	Interior Girder 5	39.55	0.95	1	1	11.956023
Overweight Permit_str	BOBJ1	231.61	After	Interior Girder 6	39.55	0.95	1	1	12.076412
Overweight Permit_str	BOBJ1	231.61	After	Right Exterior Girder	39.55	0.95	1	1	12.893959
Overweight Permit_str	BOBJ1	237.37	Before	Left Exterior Girder	45.31	0.95	1	1	12.752462
Overweight Permit_str	BOBJ1	237.37	Before	Interior Girder 1	45.31	0.95	1	1	11.897761
Overweight Permit_str	BOBJ1	237.37	Before	Interior Girder 2	45.31	0.95	1	1	11.779995
Overweight Permit_str	BOBJ1	237.37	Before	Interior Girder 3	45.31	0.95	1	1	10.604853
Overweight Permit_str	BOBJ1	237.37	Before	Interior Girder 4	45.31	0.95	1	1	10.604853
Overweight Permit_str	BOBJ1	237.37	Before	Interior Girder 5	45.31	0.95	1	1	11.779995
Overweight Permit_str	BOBJ1	237.37	Before	Interior Girder 6	45.31	0.95	1	1	11.897761
Overweight Permit_str	BOBJ1	237.37	Before	Right Exterior Girder	45.31	0.95	1	1	12.752462
Overweight Permit_str	BOBJ1	237.37	After	Left Exterior Girder	45.31	0.95	1	1	9.938431
Overweight Permit_str	BOBJ1	237.37	After	Interior Girder 1	45.31	0.95	1	1	8.981016
Overweight Permit_str	BOBJ1	237.37	After	Interior Girder 2	45.31	0.95	1	1	8.825641
Overweight Permit_str	BOBJ1	237.37	After	Interior Girder 3	45.31	0.95	1	1	7.966645
Overweight Permit_str	BOBJ1	237.37	After	Interior Girder 4	45.31	0.95	1	1	7.966645
Overweight Permit_str	BOBJ1	237.37	After	Interior Girder 5	45.31	0.95	1	1	8.825641
Overweight Permit_str	BOBJ1	237.37	After	Interior Girder 6	45.31	0.95	1	1	8.981016
Overweight Permit_str	BOBJ1	237.37	After	Right Exterior Girder	45.31	0.95	1	1	9.938431
Overweight Permit_str	BOBJ1	243.13	Before	Left Exterior Girder	51.07	0.95	1	1	9.826014
Overweight Permit_str	BOBJ1	243.13	Before	Interior Girder 1	51.07	0.95	1	1	8.845491
Overweight Permit_str	BOBJ1	243.13	Before	Interior Girder 2	51.07	0.95	1	1	8.693117
Overweight Permit_str	BOBJ1	243.13	Before	Interior Girder 3	51.07	0.95	1	1	7.846533
Overweight Permit_str	BOBJ1	243.13	Before	Interior Girder 4	51.07	0.95	1	1	7.846533
Overweight Permit_str	BOBJ1	243.13	Before	Interior Girder 5	51.07	0.95	1	1	8.693117
Overweight Permit_str	BOBJ1	243.13	Before	Interior Girder 6	51.07	0.95	1	1	8.845491
Overweight Permit_str	BOBJ1	243.13	Before	Right Exterior Girder	51.07	0.95	1	1	9.826014
Overweight Permit_str	BOBJ1	243.13	After	Left Exterior Girder	51.07	0.95	1	1	8.10691

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Approach, Span 12-15									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Overweight Permit_str	BOBJ1	243.13	After	Interior Girder 1	51.07	0.95	1	1	6.559485
Overweight Permit_str	BOBJ1	243.13	After	Interior Girder 2	51.07	0.95	1	1	6.384966
Overweight Permit_str	BOBJ1	243.13	After	Interior Girder 3	51.07	0.95	1	1	5.679893
Overweight Permit_str	BOBJ1	243.13	After	Interior Girder 4	51.07	0.95	1	1	5.679893
Overweight Permit_str	BOBJ1	243.13	After	Interior Girder 5	51.07	0.95	1	1	6.384966
Overweight Permit_str	BOBJ1	243.13	After	Interior Girder 6	51.07	0.95	1	1	6.559485
Overweight Permit_str	BOBJ1	243.13	After	Right Exterior Girder	51.07	0.95	1	1	8.10691
Overweight Permit_str	BOBJ1	248.89	Before	Left Exterior Girder	56.83	0.95	1	1	8.012127
Overweight Permit_str	BOBJ1	248.89	Before	Interior Girder 1	56.83	0.95	1	1	6.458717
Overweight Permit_str	BOBJ1	248.89	Before	Interior Girder 2	56.83	0.95	1	1	6.287106
Overweight Permit_str	BOBJ1	248.89	Before	Interior Girder 3	56.83	0.95	1	1	5.592423
Overweight Permit_str	BOBJ1	248.89	Before	Interior Girder 4	56.83	0.95	1	1	5.592423
Overweight Permit_str	BOBJ1	248.89	Before	Interior Girder 5	56.83	0.95	1	1	6.287106
Overweight Permit_str	BOBJ1	248.89	Before	Interior Girder 6	56.83	0.95	1	1	6.458717
Overweight Permit_str	BOBJ1	248.89	Before	Right Exterior Girder	56.83	0.95	1	1	8.012127

TABLE: Bridge Super Rating AASHTORATE18 31 - SteelICompServ-Flx - Approach, Span 12-15										
Request	BridgeObj	BridgeCut	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	Unitless	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
HL93_serv_opr	BOBJ1	1	0	After	Left Exterior Girder	0	0.95	1	1	380.606105
HL93_serv_opr	BOBJ1	1	0	After	Interior Girder 1	0	0.95	1	1	276.102288
HL93_serv_opr	BOBJ1	1	0	After	Interior Girder 2	0	0.95	1	1	204.118045
HL93_serv_opr	BOBJ1	1	0	After	Interior Girder 3	0	0.95	1	1	165.07148
HL93_serv_opr	BOBJ1	1	0	After	Interior Girder 4	0	0.95	1	1	165.07148
HL93_serv_opr	BOBJ1	1	0	After	Interior Girder 5	0	0.95	1	1	204.118045
HL93_serv_opr	BOBJ1	1	0	After	Interior Girder 6	0	0.95	1	1	276.102288
HL93_serv_opr	BOBJ1	1	0	After	Right Exterior Girder	0	0.95	1	1	380.606105
HL93_serv_opr	BOBJ1	2	5.85	Before	Left Exterior Girder	5.85	0.95	1	1	9.773051
HL93_serv_opr	BOBJ1	2	5.85	Before	Interior Girder 1	5.85	0.95	1	1	7.125181
HL93_serv_opr	BOBJ1	2	5.85	Before	Interior Girder 2	5.85	0.95	1	1	6.647321
HL93_serv_opr	BOBJ1	2	5.85	Before	Interior Girder 3	5.85	0.95	1	1	5.968756
HL93_serv_opr	BOBJ1	2	5.85	Before	Interior Girder 4	5.85	0.95	1	1	5.968756
HL93_serv_opr	BOBJ1	2	5.85	Before	Interior Girder 5	5.85	0.95	1	1	6.647321
HL93_serv_opr	BOBJ1	2	5.85	Before	Interior Girder 6	5.85	0.95	1	1	7.125181
HL93_serv_opr	BOBJ1	2	5.85	Before	Right Exterior Girder	5.85	0.95	1	1	9.773051
HL93_serv_opr	BOBJ1	3	5.85	After	Left Exterior Girder	5.85	0.95	1	1	9.807153
HL93_serv_opr	BOBJ1	3	5.85	After	Interior Girder 1	5.85	0.95	1	1	7.133207
HL93_serv_opr	BOBJ1	3	5.85	After	Interior Girder 2	5.85	0.95	1	1	6.750171
HL93_serv_opr	BOBJ1	3	5.85	After	Interior Girder 3	5.85	0.95	1	1	6.243292
HL93_serv_opr	BOBJ1	3	5.85	After	Interior Girder 4	5.85	0.95	1	1	6.243292
HL93_serv_opr	BOBJ1	3	5.85	After	Interior Girder 5	5.85	0.95	1	1	6.750171
HL93_serv_opr	BOBJ1	3	5.85	After	Interior Girder 6	5.85	0.95	1	1	7.133207
HL93_serv_opr	BOBJ1	3	5.85	After	Right Exterior Girder	5.85	0.95	1	1	9.807153
HL93_serv_opr	BOBJ1	4	11.4667	Before	Left Exterior Girder	11.4667	0.95	1	1	5.524182
HL93_serv_opr	BOBJ1	4	11.4667	Before	Interior Girder 1	11.4667	0.95	1	1	4.079402
HL93_serv_opr	BOBJ1	4	11.4667	Before	Interior Girder 2	11.4667	0.95	1	1	3.862316
HL93_serv_opr	BOBJ1	4	11.4667	Before	Interior Girder 3	11.4667	0.95	1	1	3.663611
HL93_serv_opr	BOBJ1	4	11.4667	Before	Interior Girder 4	11.4667	0.95	1	1	3.663611
HL93_serv_opr	BOBJ1	4	11.4667	Before	Interior Girder 5	11.4667	0.95	1	1	3.862316
HL93_serv_opr	BOBJ1	4	11.4667	Before	Interior Girder 6	11.4667	0.95	1	1	4.079402
HL93_serv_opr	BOBJ1	4	11.4667	Before	Right Exterior Girder	11.4667	0.95	1	1	5.524182
HL93_serv_opr	BOBJ1	5	11.4667	After	Left Exterior Girder	11.4667	0.95	1	1	5.570173
HL93_serv_opr	BOBJ1	5	11.4667	After	Interior Girder 1	11.4667	0.95	1	1	4.055283
HL93_serv_opr	BOBJ1	5	11.4667	After	Interior Girder 2	11.4667	0.95	1	1	3.902917
HL93_serv_opr	BOBJ1	5	11.4667	After	Interior Girder 3	11.4667	0.95	1	1	3.74862
HL93_serv_opr	BOBJ1	5	11.4667	After	Interior Girder 4	11.4667	0.95	1	1	3.74862
HL93_serv_opr	BOBJ1	5	11.4667	After	Interior Girder 5	11.4667	0.95	1	1	3.902917
HL93_serv_opr	BOBJ1	5	11.4667	After	Interior Girder 6	11.4667	0.95	1	1	4.055283
HL93_serv_opr	BOBJ1	5	11.4667	After	Right Exterior Girder	11.4667	0.95	1	1	5.570173
HL93_serv_opr	BOBJ1	6	17.0833	Before	Left Exterior Girder	17.0833	0.95	1	1	4.212394
HL93_serv_opr	BOBJ1	6	17.0833	Before	Interior Girder 1	17.0833	0.95	1	1	3.312211
HL93_serv_opr	BOBJ1	6	17.0833	Before	Interior Girder 2	17.0833	0.95	1	1	3.162338
HL93_serv_opr	BOBJ1	6	17.0833	Before	Interior Girder 3	17.0833	0.95	1	1	3.067353
HL93_serv_opr	BOBJ1	6	17.0833	Before	Interior Girder 4	17.0833	0.95	1	1	3.067353
HL93_serv_opr	BOBJ1	6	17.0833	Before	Interior Girder 5	17.0833	0.95	1	1	3.162338
HL93_serv_opr	BOBJ1	6	17.0833	Before	Interior Girder 6	17.0833	0.95	1	1	3.312211
HL93_serv_opr	BOBJ1	6	17.0833	Before	Right Exterior Girder	17.0833	0.95	1	1	4.212394
HL93_serv_opr	BOBJ1	7	17.0833	After	Left Exterior Girder	17.0833	0.95	1	1	4.198856
HL93_serv_opr	BOBJ1	7	17.0833	After	Interior Girder 1	17.0833	0.95	1	1	3.322947
HL93_serv_opr	BOBJ1	7	17.0833	After	Interior Girder 2	17.0833	0.95	1	1	3.199287
HL93_serv_opr	BOBJ1	7	17.0833	After	Interior Girder 3	17.0833	0.95	1	1	3.118785
HL93_serv_opr	BOBJ1	7	17.0833	After	Interior Girder 4	17.0833	0.95	1	1	3.118785
HL93_serv_opr	BOBJ1	7	17.0833	After	Interior Girder 5	17.0833	0.95	1	1	3.199287
HL93_serv_opr	BOBJ1	7	17.0833	After	Interior Girder 6	17.0833	0.95	1	1	3.322947
HL93_serv_opr	BOBJ1	7	17.0833	After	Right Exterior Girder	17.0833	0.95	1	1	4.198856
HL93_serv_opr	BOBJ1	8	22.7	Before	Left Exterior Girder	22.7	0.95	1	1	3.682032
HL93_serv_opr	BOBJ1	8	22.7	Before	Interior Girder 1	22.7	0.95	1	1	3.183805
HL93_serv_opr	BOBJ1	8	22.7	Before	Interior Girder 2	22.7	0.95	1	1	3.041038
HL93_serv_opr	BOBJ1	8	22.7	Before	Interior Girder 3	22.7	0.95	1	1	2.994022
HL93_serv_opr	BOBJ1	8	22.7	Before	Interior Girder 4	22.7	0.95	1	1	2.994022
HL93_serv_opr	BOBJ1	8	22.7	Before	Interior Girder 5	22.7	0.95	1	1	3.041038
HL93_serv_opr	BOBJ1	8	22.7	Before	Interior Girder 6	22.7	0.95	1	1	3.183805
HL93_serv_opr	BOBJ1	8	22.7	Before	Right Exterior Girder	22.7	0.95	1	1	3.682032
HL93_serv_opr	BOBJ1	9	22.7	After	Left Exterior Girder	22.7	0.95	1	1	3.694828
HL93_serv_opr	BOBJ1	9	22.7	After	Interior Girder 1	22.7	0.95	1	1	3.177623
HL93_serv_opr	BOBJ1	9	22.7	After	Interior Girder 2	22.7	0.95	1	1	3.046122
HL93_serv_opr	BOBJ1	9	22.7	After	Interior Girder 3	22.7	0.95	1	1	3.006437
HL93_serv_opr	BOBJ1	9	22.7	After	Interior Girder 4	22.7	0.95	1	1	3.006437
HL93_serv_opr	BOBJ1	9	22.7	After	Interior Girder 5	22.7	0.95	1	1	3.046122
HL93_serv_opr	BOBJ1	9	22.7	After	Interior Girder 6	22.7	0.95	1	1	3.177623
HL93_serv_opr	BOBJ1	9	22.7	After	Right Exterior Girder	22.7	0.95	1	1	3.694828
HL93_serv_opr	BOBJ1	10	28.3167	Before	Left Exterior Girder	28.3167	0.95	1	1	3.990392

TABLE: Bridge Super Rating AASHTORATE18 31 - SteelICompServ-Flx - Approach, Span 12-15										
Request	BridgeObj	BridgeCut	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	Unitless	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
HL93_serv_opr	BOBJ1	10	28.3167	Before	Interior Girder 1	28.3167	0.95	1	1	3.212423
HL93_serv_opr	BOBJ1	10	28.3167	Before	Interior Girder 2	28.3167	0.95	1	1	3.080021
HL93_serv_opr	BOBJ1	10	28.3167	Before	Interior Girder 3	28.3167	0.95	1	1	3.029423
HL93_serv_opr	BOBJ1	10	28.3167	Before	Interior Girder 4	28.3167	0.95	1	1	3.029423
HL93_serv_opr	BOBJ1	10	28.3167	Before	Interior Girder 5	28.3167	0.95	1	1	3.080021
HL93_serv_opr	BOBJ1	10	28.3167	Before	Interior Girder 6	28.3167	0.95	1	1	3.212423
HL93_serv_opr	BOBJ1	10	28.3167	Before	Right Exterior Girder	28.3167	0.95	1	1	3.990392
HL93_serv_opr	BOBJ1	11	28.3167	After	Left Exterior Girder	28.3167	0.95	1	1	4.012909
HL93_serv_opr	BOBJ1	11	28.3167	After	Interior Girder 1	28.3167	0.95	1	1	3.192232
HL93_serv_opr	BOBJ1	11	28.3167	After	Interior Girder 2	28.3167	0.95	1	1	3.058875
HL93_serv_opr	BOBJ1	11	28.3167	After	Interior Girder 3	28.3167	0.95	1	1	2.996036
HL93_serv_opr	BOBJ1	11	28.3167	After	Interior Girder 4	28.3167	0.95	1	1	2.996036
HL93_serv_opr	BOBJ1	11	28.3167	After	Interior Girder 5	28.3167	0.95	1	1	3.058875
HL93_serv_opr	BOBJ1	11	28.3167	After	Interior Girder 6	28.3167	0.95	1	1	3.192232
HL93_serv_opr	BOBJ1	11	28.3167	After	Right Exterior Girder	28.3167	0.95	1	1	4.012909
HL93_serv_opr	BOBJ1	12	33.9333	Before	Left Exterior Girder	33.9333	0.95	1	1	4.764623
HL93_serv_opr	BOBJ1	12	33.9333	Before	Interior Girder 1	33.9333	0.95	1	1	3.667355
HL93_serv_opr	BOBJ1	12	33.9333	Before	Interior Girder 2	33.9333	0.95	1	1	3.511153
HL93_serv_opr	BOBJ1	12	33.9333	Before	Interior Girder 3	33.9333	0.95	1	1	3.468352
HL93_serv_opr	BOBJ1	12	33.9333	Before	Interior Girder 4	33.9333	0.95	1	1	3.468352
HL93_serv_opr	BOBJ1	12	33.9333	Before	Interior Girder 5	33.9333	0.95	1	1	3.511153
HL93_serv_opr	BOBJ1	12	33.9333	Before	Interior Girder 6	33.9333	0.95	1	1	3.667355
HL93_serv_opr	BOBJ1	12	33.9333	Before	Right Exterior Girder	33.9333	0.95	1	1	4.764623
HL93_serv_opr	BOBJ1	13	33.9333	After	Left Exterior Girder	33.9333	0.95	1	1	4.714138
HL93_serv_opr	BOBJ1	13	33.9333	After	Interior Girder 1	33.9333	0.95	1	1	3.687111
HL93_serv_opr	BOBJ1	13	33.9333	After	Interior Girder 2	33.9333	0.95	1	1	3.508153
HL93_serv_opr	BOBJ1	13	33.9333	After	Interior Girder 3	33.9333	0.95	1	1	3.434638
HL93_serv_opr	BOBJ1	13	33.9333	After	Interior Girder 4	33.9333	0.95	1	1	3.434638
HL93_serv_opr	BOBJ1	13	33.9333	After	Interior Girder 5	33.9333	0.95	1	1	3.508153
HL93_serv_opr	BOBJ1	13	33.9333	After	Interior Girder 6	33.9333	0.95	1	1	3.687111
HL93_serv_opr	BOBJ1	13	33.9333	After	Right Exterior Girder	33.9333	0.95	1	1	4.714138
HL93_serv_opr	BOBJ1	14	39.55	Before	Left Exterior Girder	39.55	0.95	1	1	6.351804
HL93_serv_opr	BOBJ1	14	39.55	Before	Interior Girder 1	39.55	0.95	1	1	5.160216
HL93_serv_opr	BOBJ1	14	39.55	Before	Interior Girder 2	39.55	0.95	1	1	4.816972
HL93_serv_opr	BOBJ1	14	39.55	Before	Interior Girder 3	39.55	0.95	1	1	4.791379
HL93_serv_opr	BOBJ1	14	39.55	Before	Interior Girder 4	39.55	0.95	1	1	4.791379
HL93_serv_opr	BOBJ1	14	39.55	Before	Interior Girder 5	39.55	0.95	1	1	4.816972
HL93_serv_opr	BOBJ1	14	39.55	Before	Interior Girder 6	39.55	0.95	1	1	5.160216
HL93_serv_opr	BOBJ1	14	39.55	Before	Right Exterior Girder	39.55	0.95	1	1	6.351804
HL93_serv_opr	BOBJ1	15	39.55	After	Left Exterior Girder	39.55	0.95	1	1	6.362763
HL93_serv_opr	BOBJ1	15	39.55	After	Interior Girder 1	39.55	0.95	1	1	5.159695
HL93_serv_opr	BOBJ1	15	39.55	After	Interior Girder 2	39.55	0.95	1	1	4.785218
HL93_serv_opr	BOBJ1	15	39.55	After	Interior Girder 3	39.55	0.95	1	1	4.705169
HL93_serv_opr	BOBJ1	15	39.55	After	Interior Girder 4	39.55	0.95	1	1	4.705169
HL93_serv_opr	BOBJ1	15	39.55	After	Interior Girder 5	39.55	0.95	1	1	4.785218
HL93_serv_opr	BOBJ1	15	39.55	After	Interior Girder 6	39.55	0.95	1	1	5.159695
HL93_serv_opr	BOBJ1	15	39.55	After	Right Exterior Girder	39.55	0.95	1	1	6.362763
HL93_serv_opr	BOBJ1	16	45.1733	Before	Left Exterior Girder	45.1226	0.95	1	1	5.16479
HL93_serv_opr	BOBJ1	16	45.1733	Before	Interior Girder 1	45.1226	0.95	1	1	5.156338
HL93_serv_opr	BOBJ1	16	45.1733	Before	Interior Girder 2	45.1226	0.95	1	1	4.931459
HL93_serv_opr	BOBJ1	16	45.1733	Before	Interior Girder 3	45.1226	0.95	1	1	5.052843
HL93_serv_opr	BOBJ1	16	45.1733	Before	Interior Girder 4	45.1226	0.95	1	1	5.052843
HL93_serv_opr	BOBJ1	16	45.1733	Before	Interior Girder 5	45.1226	0.95	1	1	4.931459
HL93_serv_opr	BOBJ1	16	45.1733	Before	Interior Girder 6	45.1226	0.95	1	1	5.156338
HL93_serv_opr	BOBJ1	16	45.1733	Before	Right Exterior Girder	45.1226	0.95	1	1	5.16479
HL93_serv_opr	BOBJ1	17	45.1733	After	Left Exterior Girder	45.1226	0.95	1	1	4.153395
HL93_serv_opr	BOBJ1	17	45.1733	After	Interior Girder 1	45.1226	0.95	1	1	4.136171
HL93_serv_opr	BOBJ1	17	45.1733	After	Interior Girder 2	45.1226	0.95	1	1	3.94357
HL93_serv_opr	BOBJ1	17	45.1733	After	Interior Girder 3	45.1226	0.95	1	1	4.042787
HL93_serv_opr	BOBJ1	17	45.1733	After	Interior Girder 4	45.1226	0.95	1	1	4.042787
HL93_serv_opr	BOBJ1	17	45.1733	After	Interior Girder 5	45.1226	0.95	1	1	3.94357
HL93_serv_opr	BOBJ1	17	45.1733	After	Interior Girder 6	45.1226	0.95	1	1	4.136171
HL93_serv_opr	BOBJ1	17	45.1733	After	Right Exterior Girder	45.1226	0.95	1	1	4.153395
HL93_serv_opr	BOBJ1	18	49.2561	Before	Left Exterior Girder	49.2561	0.95	1	1	3.140942
HL93_serv_opr	BOBJ1	18	49.2561	Before	Right Exterior Girder	49.2561	0.95	1	1	3.140942
HL93_serv_opr	BOBJ1	19	49.2561	After	Left Exterior Girder	49.2561	0.95	1	1	3.181159
HL93_serv_opr	BOBJ1	19	49.2561	After	Right Exterior Girder	49.2561	0.95	1	1	3.181159
HL93_serv_opr	BOBJ1	20	50.7967	Before	Left Exterior Girder	50.7967	0.95	1	1	6.287839
HL93_serv_opr	BOBJ1	20	50.7967	Before	Interior Girder 1	50.7967	0.95	1	1	2.978614
HL93_serv_opr	BOBJ1	20	50.7967	Before	Interior Girder 2	50.7967	0.95	1	1	2.836005
HL93_serv_opr	BOBJ1	20	50.7967	Before	Interior Girder 3	50.7967	0.95	1	1	2.711153
HL93_serv_opr	BOBJ1	20	50.7967	Before	Interior Girder 4	50.7967	0.95	1	1	2.711153
HL93_serv_opr	BOBJ1	20	50.7967	Before	Interior Girder 5	50.7967	0.95	1	1	2.836005

TABLE: Bridge Super Rating AASHTORATE18 31 - SteelCompServ-Flx - Approach, Span 12-15										
Request	BridgeObj	BridgeCut	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	Unitless	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
HL93_serv_opr	BOBJ1	20	50.7967	Before	Interior Girder 6	50.7967	0.95	1	1	2.978614
HL93_serv_opr	BOBJ1	20	50.7967	Before	Right Exterior Girder	50.7967	0.95	1	1	6.287839
HL93_serv_opr	BOBJ1	21	50.7967	After	Left Exterior Girder	50.7967	0.95	1	1	6.246928
HL93_serv_opr	BOBJ1	21	50.7967	After	Interior Girder 1	50.7967	0.95	1	1	2.976277
HL93_serv_opr	BOBJ1	21	50.7967	After	Interior Girder 2	50.7967	0.95	1	1	2.825073
HL93_serv_opr	BOBJ1	21	50.7967	After	Interior Girder 3	50.7967	0.95	1	1	2.710957
HL93_serv_opr	BOBJ1	21	50.7967	After	Interior Girder 4	50.7967	0.95	1	1	2.710957
HL93_serv_opr	BOBJ1	21	50.7967	After	Interior Girder 5	50.7967	0.95	1	1	2.825073
HL93_serv_opr	BOBJ1	21	50.7967	After	Interior Girder 6	50.7967	0.95	1	1	2.976277
HL93_serv_opr	BOBJ1	21	50.7967	After	Right Exterior Girder	50.7967	0.95	1	1	6.246928
HL93_serv_opr	BOBJ1	22	51.3989	Before	Interior Girder 1	51.3989	0.95	1	1	2.833717
HL93_serv_opr	BOBJ1	22	51.3989	Before	Interior Girder 2	51.3989	0.95	1	1	2.709843
HL93_serv_opr	BOBJ1	22	51.3989	Before	Interior Girder 3	51.3989	0.95	1	1	2.577582
HL93_serv_opr	BOBJ1	22	51.3989	Before	Interior Girder 4	51.3989	0.95	1	1	2.577582
HL93_serv_opr	BOBJ1	22	51.3989	Before	Interior Girder 5	51.3989	0.95	1	1	2.709843
HL93_serv_opr	BOBJ1	22	51.3989	Before	Interior Girder 6	51.3989	0.95	1	1	2.833717
HL93_serv_opr	BOBJ1	23	51.3989	After	Interior Girder 1	51.3989	0.95	1	1	4.191856
HL93_serv_opr	BOBJ1	23	51.3989	After	Interior Girder 2	51.3989	0.95	1	1	3.98185
HL93_serv_opr	BOBJ1	23	51.3989	After	Interior Girder 3	51.3989	0.95	1	1	3.823327
HL93_serv_opr	BOBJ1	23	51.3989	After	Interior Girder 4	51.3989	0.95	1	1	3.823327
HL93_serv_opr	BOBJ1	23	51.3989	After	Interior Girder 5	51.3989	0.95	1	1	3.98185
HL93_serv_opr	BOBJ1	23	51.3989	After	Interior Girder 6	51.3989	0.95	1	1	4.191856
HL93_serv_opr	BOBJ1	24	56.42	Before	Left Exterior Girder	56.42	0.95	1	1	4.441461
HL93_serv_opr	BOBJ1	24	56.42	Before	Interior Girder 1	56.42	0.95	1	1	2.879444
HL93_serv_opr	BOBJ1	24	56.42	Before	Interior Girder 2	56.42	0.95	1	1	2.747162
HL93_serv_opr	BOBJ1	24	56.42	Before	Interior Girder 3	56.42	0.95	1	1	2.381407
HL93_serv_opr	BOBJ1	24	56.42	Before	Interior Girder 4	56.42	0.95	1	1	2.381407
HL93_serv_opr	BOBJ1	24	56.42	Before	Interior Girder 5	56.42	0.95	1	1	2.747162
HL93_serv_opr	BOBJ1	24	56.42	Before	Interior Girder 6	56.42	0.95	1	1	2.879444
HL93_serv_opr	BOBJ1	24	56.42	Before	Right Exterior Girder	56.42	0.95	1	1	4.441461
HL93_serv_opr	BOBJ1	25	56.42	After	Left Exterior Girder	0	0.95	1	1	4.505043
HL93_serv_opr	BOBJ1	25	56.42	After	Interior Girder 1	0	0.95	1	1	2.731012
HL93_serv_opr	BOBJ1	25	56.42	After	Interior Girder 2	0	0.95	1	1	2.627343
HL93_serv_opr	BOBJ1	25	56.42	After	Interior Girder 3	0	0.95	1	1	2.280777
HL93_serv_opr	BOBJ1	25	56.42	After	Interior Girder 4	0	0.95	1	1	2.280777
HL93_serv_opr	BOBJ1	25	56.42	After	Interior Girder 5	0	0.95	1	1	2.627343
HL93_serv_opr	BOBJ1	25	56.42	After	Interior Girder 6	0	0.95	1	1	2.731012
HL93_serv_opr	BOBJ1	25	56.42	After	Right Exterior Girder	0	0.95	1	1	4.505043
HL93_serv_opr	BOBJ1	26	62.0367	Before	Left Exterior Girder	5.6167	0.95	1	1	7.727029
HL93_serv_opr	BOBJ1	26	62.0367	Before	Interior Girder 1	5.6167	0.95	1	1	5.072653
HL93_serv_opr	BOBJ1	26	62.0367	Before	Interior Girder 2	5.6167	0.95	1	1	4.748704
HL93_serv_opr	BOBJ1	26	62.0367	Before	Interior Girder 3	5.6167	0.95	1	1	4.470793
HL93_serv_opr	BOBJ1	26	62.0367	Before	Interior Girder 4	5.6167	0.95	1	1	4.470793
HL93_serv_opr	BOBJ1	26	62.0367	Before	Interior Girder 5	5.6167	0.95	1	1	4.748704
HL93_serv_opr	BOBJ1	26	62.0367	Before	Interior Girder 6	5.6167	0.95	1	1	5.072653
HL93_serv_opr	BOBJ1	26	62.0367	Before	Right Exterior Girder	5.6167	0.95	1	1	7.727029
HL93_serv_opr	BOBJ1	27	62.0367	After	Left Exterior Girder	5.6167	0.95	1	1	7.610065
HL93_serv_opr	BOBJ1	27	62.0367	After	Interior Girder 1	5.6167	0.95	1	1	5.166123
HL93_serv_opr	BOBJ1	27	62.0367	After	Interior Girder 2	5.6167	0.95	1	1	4.812427
HL93_serv_opr	BOBJ1	27	62.0367	After	Interior Girder 3	5.6167	0.95	1	1	4.527615
HL93_serv_opr	BOBJ1	27	62.0367	After	Interior Girder 4	5.6167	0.95	1	1	4.527615
HL93_serv_opr	BOBJ1	27	62.0367	After	Interior Girder 5	5.6167	0.95	1	1	4.812427
HL93_serv_opr	BOBJ1	27	62.0367	After	Interior Girder 6	5.6167	0.95	1	1	5.166123
HL93_serv_opr	BOBJ1	27	62.0367	After	Right Exterior Girder	5.6167	0.95	1	1	7.610065
HL93_serv_opr	BOBJ1	28	62.4203	Before	Interior Girder 1	6.0003	0.95	1	1	5.313705
HL93_serv_opr	BOBJ1	28	62.4203	Before	Interior Girder 2	6.0003	0.95	1	1	4.932997
HL93_serv_opr	BOBJ1	28	62.4203	Before	Interior Girder 3	6.0003	0.95	1	1	4.663415
HL93_serv_opr	BOBJ1	28	62.4203	Before	Interior Girder 4	6.0003	0.95	1	1	4.663415
HL93_serv_opr	BOBJ1	28	62.4203	Before	Interior Girder 5	6.0003	0.95	1	1	4.932997
HL93_serv_opr	BOBJ1	28	62.4203	Before	Interior Girder 6	6.0003	0.95	1	1	5.313705
HL93_serv_opr	BOBJ1	29	62.4203	After	Interior Girder 1	6.0003	0.95	1	1	3.589787
HL93_serv_opr	BOBJ1	29	62.4203	After	Interior Girder 2	6.0003	0.95	1	1	3.364869
HL93_serv_opr	BOBJ1	29	62.4203	After	Interior Girder 3	6.0003	0.95	1	1	3.144293
HL93_serv_opr	BOBJ1	29	62.4203	After	Interior Girder 4	6.0003	0.95	1	1	3.144293
HL93_serv_opr	BOBJ1	29	62.4203	After	Interior Girder 5	6.0003	0.95	1	1	3.364869
HL93_serv_opr	BOBJ1	29	62.4203	After	Interior Girder 6	6.0003	0.95	1	1	3.589787
HL93_serv_opr	BOBJ1	30	64.9204	Before	Left Exterior Girder	8.5004	0.95	1	1	9.084626
HL93_serv_opr	BOBJ1	30	64.9204	Before	Right Exterior Girder	8.5004	0.95	1	1	9.084626
HL93_serv_opr	BOBJ1	31	64.9204	After	Left Exterior Girder	8.5004	0.95	1	1	4.317858
HL93_serv_opr	BOBJ1	31	64.9204	After	Right Exterior Girder	8.5004	0.95	1	1	4.317858
HL93_serv_opr	BOBJ1	32	67.6533	Before	Left Exterior Girder	11.2333	0.95	1	1	5.316815
HL93_serv_opr	BOBJ1	32	67.6533	Before	Interior Girder 1	11.2333	0.95	1	1	5.075651
HL93_serv_opr	BOBJ1	32	67.6533	Before	Interior Girder 2	11.2333	0.95	1	1	4.769965

TABLE: Bridge Super Rating AASHTORATE18 31 - SteelICompServ-Flx - Approach, Span 12-15										
Request	BridgeObj	BridgeCut	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	Unitless	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
HL93_serv_opr	BOBJ1	32	67.6533	Before	Interior Girder 3	11.2333	0.95	1	1	4.766779
HL93_serv_opr	BOBJ1	32	67.6533	Before	Interior Girder 4	11.2333	0.95	1	1	4.766779
HL93_serv_opr	BOBJ1	32	67.6533	Before	Interior Girder 5	11.2333	0.95	1	1	4.769965
HL93_serv_opr	BOBJ1	32	67.6533	Before	Interior Girder 6	11.2333	0.95	1	1	5.075651
HL93_serv_opr	BOBJ1	32	67.6533	Before	Right Exterior Girder	11.2333	0.95	1	1	5.316815
HL93_serv_opr	BOBJ1	33	67.6533	After	Left Exterior Girder	11.2333	0.95	1	1	5.261077
HL93_serv_opr	BOBJ1	33	67.6533	After	Interior Girder 1	11.2333	0.95	1	1	5.107413
HL93_serv_opr	BOBJ1	33	67.6533	After	Interior Girder 2	11.2333	0.95	1	1	4.814434
HL93_serv_opr	BOBJ1	33	67.6533	After	Interior Girder 3	11.2333	0.95	1	1	4.786264
HL93_serv_opr	BOBJ1	33	67.6533	After	Interior Girder 4	11.2333	0.95	1	1	4.786264
HL93_serv_opr	BOBJ1	33	67.6533	After	Interior Girder 5	11.2333	0.95	1	1	4.814434
HL93_serv_opr	BOBJ1	33	67.6533	After	Interior Girder 6	11.2333	0.95	1	1	5.107413
HL93_serv_opr	BOBJ1	33	67.6533	After	Right Exterior Girder	11.2333	0.95	1	1	5.261077
HL93_serv_opr	BOBJ1	34	73.27	Before	Left Exterior Girder	16.85	0.95	1	1	6.678171
HL93_serv_opr	BOBJ1	34	73.27	Before	Interior Girder 1	16.85	0.95	1	1	5.380405
HL93_serv_opr	BOBJ1	34	73.27	Before	Interior Girder 2	16.85	0.95	1	1	4.91356
HL93_serv_opr	BOBJ1	34	73.27	Before	Interior Girder 3	16.85	0.95	1	1	4.774957
HL93_serv_opr	BOBJ1	34	73.27	Before	Interior Girder 4	16.85	0.95	1	1	4.774957
HL93_serv_opr	BOBJ1	34	73.27	Before	Interior Girder 5	16.85	0.95	1	1	4.91356
HL93_serv_opr	BOBJ1	34	73.27	Before	Interior Girder 6	16.85	0.95	1	1	5.380405
HL93_serv_opr	BOBJ1	34	73.27	Before	Right Exterior Girder	16.85	0.95	1	1	6.678171
HL93_serv_opr	BOBJ1	35	73.27	After	Left Exterior Girder	16.85	0.95	1	1	6.779996
HL93_serv_opr	BOBJ1	35	73.27	After	Interior Girder 1	16.85	0.95	1	1	5.33438
HL93_serv_opr	BOBJ1	35	73.27	After	Interior Girder 2	16.85	0.95	1	1	4.921319
HL93_serv_opr	BOBJ1	35	73.27	After	Interior Girder 3	16.85	0.95	1	1	4.842542
HL93_serv_opr	BOBJ1	35	73.27	After	Interior Girder 4	16.85	0.95	1	1	4.842542
HL93_serv_opr	BOBJ1	35	73.27	After	Interior Girder 5	16.85	0.95	1	1	4.921319
HL93_serv_opr	BOBJ1	35	73.27	After	Interior Girder 6	16.85	0.95	1	1	5.33438
HL93_serv_opr	BOBJ1	35	73.27	After	Right Exterior Girder	16.85	0.95	1	1	6.779996
HL93_serv_opr	BOBJ1	36	78.8867	Before	Left Exterior Girder	22.4667	0.95	1	1	4.543551
HL93_serv_opr	BOBJ1	36	78.8867	Before	Interior Girder 1	22.4667	0.95	1	1	3.599929
HL93_serv_opr	BOBJ1	36	78.8867	Before	Interior Girder 2	22.4667	0.95	1	1	3.408491
HL93_serv_opr	BOBJ1	36	78.8867	Before	Interior Girder 3	22.4667	0.95	1	1	3.313844
HL93_serv_opr	BOBJ1	36	78.8867	Before	Interior Girder 4	22.4667	0.95	1	1	3.313844
HL93_serv_opr	BOBJ1	36	78.8867	Before	Interior Girder 5	22.4667	0.95	1	1	3.408491
HL93_serv_opr	BOBJ1	36	78.8867	Before	Interior Girder 6	22.4667	0.95	1	1	3.599929
HL93_serv_opr	BOBJ1	36	78.8867	Before	Right Exterior Girder	22.4667	0.95	1	1	4.543551
HL93_serv_opr	BOBJ1	37	78.8867	After	Left Exterior Girder	22.4667	0.95	1	1	4.61688
HL93_serv_opr	BOBJ1	37	78.8867	After	Interior Girder 1	22.4667	0.95	1	1	3.568891
HL93_serv_opr	BOBJ1	37	78.8867	After	Interior Girder 2	22.4667	0.95	1	1	3.404963
HL93_serv_opr	BOBJ1	37	78.8867	After	Interior Girder 3	22.4667	0.95	1	1	3.347939
HL93_serv_opr	BOBJ1	37	78.8867	After	Interior Girder 4	22.4667	0.95	1	1	3.347939
HL93_serv_opr	BOBJ1	37	78.8867	After	Interior Girder 5	22.4667	0.95	1	1	3.404963
HL93_serv_opr	BOBJ1	37	78.8867	After	Interior Girder 6	22.4667	0.95	1	1	3.568891
HL93_serv_opr	BOBJ1	37	78.8867	After	Right Exterior Girder	22.4667	0.95	1	1	4.61688
HL93_serv_opr	BOBJ1	38	84.5033	Before	Left Exterior Girder	28.0833	0.95	1	1	3.617079
HL93_serv_opr	BOBJ1	38	84.5033	Before	Interior Girder 1	28.0833	0.95	1	1	3.000287
HL93_serv_opr	BOBJ1	38	84.5033	Before	Interior Girder 2	28.0833	0.95	1	1	2.870215
HL93_serv_opr	BOBJ1	38	84.5033	Before	Interior Girder 3	28.0833	0.95	1	1	2.81787
HL93_serv_opr	BOBJ1	38	84.5033	Before	Interior Girder 4	28.0833	0.95	1	1	2.81787
HL93_serv_opr	BOBJ1	38	84.5033	Before	Interior Girder 5	28.0833	0.95	1	1	2.870215
HL93_serv_opr	BOBJ1	38	84.5033	Before	Interior Girder 6	28.0833	0.95	1	1	3.000287
HL93_serv_opr	BOBJ1	38	84.5033	Before	Right Exterior Girder	28.0833	0.95	1	1	3.617079
HL93_serv_opr	BOBJ1	39	84.5033	After	Left Exterior Girder	28.0833	0.95	1	1	3.611897
HL93_serv_opr	BOBJ1	39	84.5033	After	Interior Girder 1	28.0833	0.95	1	1	3.012155
HL93_serv_opr	BOBJ1	39	84.5033	After	Interior Girder 2	28.0833	0.95	1	1	2.888723
HL93_serv_opr	BOBJ1	39	84.5033	After	Interior Girder 3	28.0833	0.95	1	1	2.850536
HL93_serv_opr	BOBJ1	39	84.5033	After	Interior Girder 4	28.0833	0.95	1	1	2.850536
HL93_serv_opr	BOBJ1	39	84.5033	After	Interior Girder 5	28.0833	0.95	1	1	2.888723
HL93_serv_opr	BOBJ1	39	84.5033	After	Interior Girder 6	28.0833	0.95	1	1	3.012155
HL93_serv_opr	BOBJ1	39	84.5033	After	Right Exterior Girder	28.0833	0.95	1	1	3.611897
HL93_serv_opr	BOBJ1	40	90.12	Before	Left Exterior Girder	33.7	0.95	1	1	3.234128
HL93_serv_opr	BOBJ1	40	90.12	Before	Interior Girder 1	33.7	0.95	1	1	2.965214
HL93_serv_opr	BOBJ1	40	90.12	Before	Interior Girder 2	33.7	0.95	1	1	2.830401
HL93_serv_opr	BOBJ1	40	90.12	Before	Interior Girder 3	33.7	0.95	1	1	2.797578
HL93_serv_opr	BOBJ1	40	90.12	Before	Interior Girder 4	33.7	0.95	1	1	2.797578
HL93_serv_opr	BOBJ1	40	90.12	Before	Interior Girder 5	33.7	0.95	1	1	2.830401
HL93_serv_opr	BOBJ1	40	90.12	Before	Interior Girder 6	33.7	0.95	1	1	2.965214
HL93_serv_opr	BOBJ1	40	90.12	Before	Right Exterior Girder	33.7	0.95	1	1	3.234128
HL93_serv_opr	BOBJ1	41	90.12	After	Left Exterior Girder	33.7	0.95	1	1	3.243724
HL93_serv_opr	BOBJ1	41	90.12	After	Interior Girder 1	33.7	0.95	1	1	2.957455
HL93_serv_opr	BOBJ1	41	90.12	After	Interior Girder 2	33.7	0.95	1	1	2.826881
HL93_serv_opr	BOBJ1	41	90.12	After	Interior Girder 3	33.7	0.95	1	1	2.793933

TABLE: Bridge Super Rating AASHTORATE18 31 - SteelICompServ-Flx - Approach, Span 12-15										
Request	BridgeObj	BridgeCut	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	Unitless	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
HL93_serv_opr	BOBJ1	41	90.12	After	Interior Girder 4	33.7	0.95	1	1	2.793933
HL93_serv_opr	BOBJ1	41	90.12	After	Interior Girder 5	33.7	0.95	1	1	2.826881
HL93_serv_opr	BOBJ1	41	90.12	After	Interior Girder 6	33.7	0.95	1	1	2.957455
HL93_serv_opr	BOBJ1	41	90.12	After	Right Exterior Girder	33.7	0.95	1	1	3.243724
HL93_serv_opr	BOBJ1	42	95.7367	Before	Left Exterior Girder	39.3167	0.95	1	1	3.5558
HL93_serv_opr	BOBJ1	42	95.7367	Before	Interior Girder 1	39.3167	0.95	1	1	2.977141
HL93_serv_opr	BOBJ1	42	95.7367	Before	Interior Girder 2	39.3167	0.95	1	1	2.856842
HL93_serv_opr	BOBJ1	42	95.7367	Before	Interior Girder 3	39.3167	0.95	1	1	2.822282
HL93_serv_opr	BOBJ1	42	95.7367	Before	Interior Girder 4	39.3167	0.95	1	1	2.822282
HL93_serv_opr	BOBJ1	42	95.7367	Before	Interior Girder 5	39.3167	0.95	1	1	2.856842
HL93_serv_opr	BOBJ1	42	95.7367	Before	Interior Girder 6	39.3167	0.95	1	1	2.977141
HL93_serv_opr	BOBJ1	42	95.7367	Before	Right Exterior Girder	39.3167	0.95	1	1	3.5558
HL93_serv_opr	BOBJ1	43	95.7367	After	Left Exterior Girder	39.3167	0.95	1	1	3.563693
HL93_serv_opr	BOBJ1	43	95.7367	After	Interior Girder 1	39.3167	0.95	1	1	2.963579
HL93_serv_opr	BOBJ1	43	95.7367	After	Interior Girder 2	39.3167	0.95	1	1	2.838839
HL93_serv_opr	BOBJ1	43	95.7367	After	Interior Girder 3	39.3167	0.95	1	1	2.791531
HL93_serv_opr	BOBJ1	43	95.7367	After	Interior Girder 4	39.3167	0.95	1	1	2.791531
HL93_serv_opr	BOBJ1	43	95.7367	After	Interior Girder 5	39.3167	0.95	1	1	2.838839
HL93_serv_opr	BOBJ1	43	95.7367	After	Interior Girder 6	39.3167	0.95	1	1	2.963579
HL93_serv_opr	BOBJ1	43	95.7367	After	Right Exterior Girder	39.3167	0.95	1	1	3.563693
HL93_serv_opr	BOBJ1	44	101.3533	Before	Left Exterior Girder	44.9333	0.95	1	1	4.432178
HL93_serv_opr	BOBJ1	44	101.3533	Before	Interior Girder 1	44.9333	0.95	1	1	3.48308
HL93_serv_opr	BOBJ1	44	101.3533	Before	Interior Girder 2	44.9333	0.95	1	1	3.325598
HL93_serv_opr	BOBJ1	44	101.3533	Before	Interior Girder 3	44.9333	0.95	1	1	3.282193
HL93_serv_opr	BOBJ1	44	101.3533	Before	Interior Girder 4	44.9333	0.95	1	1	3.282193
HL93_serv_opr	BOBJ1	44	101.3533	Before	Interior Girder 5	44.9333	0.95	1	1	3.325598
HL93_serv_opr	BOBJ1	44	101.3533	Before	Interior Girder 6	44.9333	0.95	1	1	3.48308
HL93_serv_opr	BOBJ1	44	101.3533	Before	Right Exterior Girder	44.9333	0.95	1	1	4.432178
HL93_serv_opr	BOBJ1	45	101.3533	After	Left Exterior Girder	44.9333	0.95	1	1	4.367128
HL93_serv_opr	BOBJ1	45	101.3533	After	Interior Girder 1	44.9333	0.95	1	1	3.510911
HL93_serv_opr	BOBJ1	45	101.3533	After	Interior Girder 2	44.9333	0.95	1	1	3.330409
HL93_serv_opr	BOBJ1	45	101.3533	After	Interior Girder 3	44.9333	0.95	1	1	3.251568
HL93_serv_opr	BOBJ1	45	101.3533	After	Interior Girder 4	44.9333	0.95	1	1	3.251568
HL93_serv_opr	BOBJ1	45	101.3533	After	Interior Girder 5	44.9333	0.95	1	1	3.330409
HL93_serv_opr	BOBJ1	45	101.3533	After	Interior Girder 6	44.9333	0.95	1	1	3.510911
HL93_serv_opr	BOBJ1	45	101.3533	After	Right Exterior Girder	44.9333	0.95	1	1	4.367128
HL93_serv_opr	BOBJ1	46	106.97	Before	Left Exterior Girder	50.55	0.95	1	1	5.715534
HL93_serv_opr	BOBJ1	46	106.97	Before	Interior Girder 1	50.55	0.95	1	1	5.093501
HL93_serv_opr	BOBJ1	46	106.97	Before	Interior Girder 2	50.55	0.95	1	1	4.705801
HL93_serv_opr	BOBJ1	46	106.97	Before	Interior Girder 3	50.55	0.95	1	1	4.662727
HL93_serv_opr	BOBJ1	46	106.97	Before	Interior Girder 4	50.55	0.95	1	1	4.662727
HL93_serv_opr	BOBJ1	46	106.97	Before	Interior Girder 5	50.55	0.95	1	1	4.705801
HL93_serv_opr	BOBJ1	46	106.97	Before	Interior Girder 6	50.55	0.95	1	1	5.093501
HL93_serv_opr	BOBJ1	46	106.97	Before	Right Exterior Girder	50.55	0.95	1	1	5.715534
HL93_serv_opr	BOBJ1	47	106.97	After	Left Exterior Girder	50.55	0.95	1	1	5.752117
HL93_serv_opr	BOBJ1	47	106.97	After	Interior Girder 1	50.55	0.95	1	1	5.099378
HL93_serv_opr	BOBJ1	47	106.97	After	Interior Girder 2	50.55	0.95	1	1	4.684123
HL93_serv_opr	BOBJ1	47	106.97	After	Interior Girder 3	50.55	0.95	1	1	4.586937
HL93_serv_opr	BOBJ1	47	106.97	After	Interior Girder 4	50.55	0.95	1	1	4.586937
HL93_serv_opr	BOBJ1	47	106.97	After	Interior Girder 5	50.55	0.95	1	1	4.684123
HL93_serv_opr	BOBJ1	47	106.97	After	Interior Girder 6	50.55	0.95	1	1	5.099378
HL93_serv_opr	BOBJ1	47	106.97	After	Right Exterior Girder	50.55	0.95	1	1	5.752117
HL93_serv_opr	BOBJ1	48	112.5933	Before	Left Exterior Girder	56.1733	0.95	1	1	4.287607
HL93_serv_opr	BOBJ1	48	112.5933	Before	Interior Girder 1	56.1733	0.95	1	1	4.281412
HL93_serv_opr	BOBJ1	48	112.5933	Before	Interior Girder 2	56.1733	0.95	1	1	4.069008
HL93_serv_opr	BOBJ1	48	112.5933	Before	Interior Girder 3	56.1733	0.95	1	1	4.105966
HL93_serv_opr	BOBJ1	48	112.5933	Before	Interior Girder 4	56.1733	0.95	1	1	4.105966
HL93_serv_opr	BOBJ1	48	112.5933	Before	Interior Girder 5	56.1733	0.95	1	1	4.069008
HL93_serv_opr	BOBJ1	48	112.5933	Before	Interior Girder 6	56.1733	0.95	1	1	4.281412
HL93_serv_opr	BOBJ1	48	112.5933	Before	Right Exterior Girder	56.1733	0.95	1	1	4.287607
HL93_serv_opr	BOBJ1	49	112.5933	After	Left Exterior Girder	56.1733	0.95	1	1	4.325778
HL93_serv_opr	BOBJ1	49	112.5933	After	Interior Girder 1	56.1733	0.95	1	1	4.262083
HL93_serv_opr	BOBJ1	49	112.5933	After	Interior Girder 2	56.1733	0.95	1	1	4.042348
HL93_serv_opr	BOBJ1	49	112.5933	After	Interior Girder 3	56.1733	0.95	1	1	4.095034
HL93_serv_opr	BOBJ1	49	112.5933	After	Interior Girder 4	56.1733	0.95	1	1	4.095034
HL93_serv_opr	BOBJ1	49	112.5933	After	Interior Girder 5	56.1733	0.95	1	1	4.042348
HL93_serv_opr	BOBJ1	49	112.5933	After	Interior Girder 6	56.1733	0.95	1	1	4.262083
HL93_serv_opr	BOBJ1	49	112.5933	After	Right Exterior Girder	56.1733	0.95	1	1	4.325778
HL93_serv_opr	BOBJ1	50	115.3396	Before	Left Exterior Girder	58.9196	0.95	1	1	3.546997
HL93_serv_opr	BOBJ1	50	115.3396	Before	Right Exterior Girder	58.9196	0.95	1	1	3.546997
HL93_serv_opr	BOBJ1	51	115.3396	After	Left Exterior Girder	58.9196	0.95	1	1	7.525272
HL93_serv_opr	BOBJ1	51	115.3396	After	Right Exterior Girder	58.9196	0.95	1	1	7.525272
HL93_serv_opr	BOBJ1	52	118.2167	Before	Left Exterior Girder	61.7967	0.95	1	1	6.413288

TABLE: Bridge Super Rating AASHTORATE18 31 - SteelICompServ-Flx - Approach, Span 12-15										
Request	BridgeObj	BridgeCut	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	Unitless	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
HL93_serv_opr	BOBJ1	52	118.2167	Before	Interior Girder 1	61.9198	0.95	1	1	2.956332
HL93_serv_opr	BOBJ1	52	118.2167	Before	Interior Girder 2	61.9198	0.95	1	1	2.824914
HL93_serv_opr	BOBJ1	52	118.2167	Before	Interior Girder 3	61.9198	0.95	1	1	2.671782
HL93_serv_opr	BOBJ1	52	118.2167	Before	Interior Girder 4	61.9198	0.95	1	1	2.671782
HL93_serv_opr	BOBJ1	52	118.2167	Before	Interior Girder 5	61.9198	0.95	1	1	2.824914
HL93_serv_opr	BOBJ1	52	118.2167	Before	Interior Girder 6	61.9198	0.95	1	1	2.956332
HL93_serv_opr	BOBJ1	52	118.2167	Before	Right Exterior Girder	61.7967	0.95	1	1	6.413288
HL93_serv_opr	BOBJ1	53	118.2167	After	Left Exterior Girder	61.7967	0.95	1	1	6.422058
HL93_serv_opr	BOBJ1	53	118.2167	After	Interior Girder 1	61.9198	0.95	1	1	4.403935
HL93_serv_opr	BOBJ1	53	118.2167	After	Interior Girder 2	61.9198	0.95	1	1	4.134167
HL93_serv_opr	BOBJ1	53	118.2167	After	Interior Girder 3	61.9198	0.95	1	1	3.958542
HL93_serv_opr	BOBJ1	53	118.2167	After	Interior Girder 4	61.9198	0.95	1	1	3.958542
HL93_serv_opr	BOBJ1	53	118.2167	After	Interior Girder 5	61.9198	0.95	1	1	4.134167
HL93_serv_opr	BOBJ1	53	118.2167	After	Interior Girder 6	61.9198	0.95	1	1	4.403935
HL93_serv_opr	BOBJ1	53	118.2167	After	Right Exterior Girder	61.7967	0.95	1	1	6.422058
HL93_serv_opr	BOBJ1	54	123.84	Before	Left Exterior Girder	67.42	0.95	1	1	4.412851
HL93_serv_opr	BOBJ1	54	123.84	Before	Interior Girder 1	67.42	0.95	1	1	2.760386
HL93_serv_opr	BOBJ1	54	123.84	Before	Interior Girder 2	67.42	0.95	1	1	2.602803
HL93_serv_opr	BOBJ1	54	123.84	Before	Interior Girder 3	67.42	0.95	1	1	2.238285
HL93_serv_opr	BOBJ1	54	123.84	Before	Interior Girder 4	67.42	0.95	1	1	2.238285
HL93_serv_opr	BOBJ1	54	123.84	Before	Interior Girder 5	67.42	0.95	1	1	2.602803
HL93_serv_opr	BOBJ1	54	123.84	Before	Interior Girder 6	67.42	0.95	1	1	2.760386
HL93_serv_opr	BOBJ1	54	123.84	Before	Right Exterior Girder	67.42	0.95	1	1	4.412851
HL93_serv_opr	BOBJ1	55	123.84	After	Left Exterior Girder	0	0.95	1	1	4.377465
HL93_serv_opr	BOBJ1	55	123.84	After	Interior Girder 1	0	0.95	1	1	2.766109
HL93_serv_opr	BOBJ1	55	123.84	After	Interior Girder 2	0	0.95	1	1	2.62326
HL93_serv_opr	BOBJ1	55	123.84	After	Interior Girder 3	0	0.95	1	1	2.25097
HL93_serv_opr	BOBJ1	55	123.84	After	Interior Girder 4	0	0.95	1	1	2.25097
HL93_serv_opr	BOBJ1	55	123.84	After	Interior Girder 5	0	0.95	1	1	2.62326
HL93_serv_opr	BOBJ1	55	123.84	After	Interior Girder 6	0	0.95	1	1	2.766109
HL93_serv_opr	BOBJ1	55	123.84	After	Right Exterior Girder	0	0.95	1	1	4.377465
HL93_serv_opr	BOBJ1	56	129.34	Before	Interior Girder 1	5.5	0.95	1	1	4.407199
HL93_serv_opr	BOBJ1	56	129.34	Before	Interior Girder 2	5.5	0.95	1	1	4.162823
HL93_serv_opr	BOBJ1	56	129.34	Before	Interior Girder 3	5.5	0.95	1	1	3.987352
HL93_serv_opr	BOBJ1	56	129.34	Before	Interior Girder 4	5.5	0.95	1	1	3.987352
HL93_serv_opr	BOBJ1	56	129.34	Before	Interior Girder 5	5.5	0.95	1	1	4.162823
HL93_serv_opr	BOBJ1	56	129.34	Before	Interior Girder 6	5.5	0.95	1	1	4.407199
HL93_serv_opr	BOBJ1	57	129.34	After	Interior Girder 1	5.5	0.95	1	1	2.980511
HL93_serv_opr	BOBJ1	57	129.34	After	Interior Girder 2	5.5	0.95	1	1	2.835549
HL93_serv_opr	BOBJ1	57	129.34	After	Interior Girder 3	5.5	0.95	1	1	2.690925
HL93_serv_opr	BOBJ1	57	129.34	After	Interior Girder 4	5.5	0.95	1	1	2.690925
HL93_serv_opr	BOBJ1	57	129.34	After	Interior Girder 5	5.5	0.95	1	1	2.835549
HL93_serv_opr	BOBJ1	57	129.34	After	Interior Girder 6	5.5	0.95	1	1	2.980511
HL93_serv_opr	BOBJ1	58	130.79	Before	Left Exterior Girder	6.95	0.95	1	1	6.946101
HL93_serv_opr	BOBJ1	58	130.79	Before	Interior Girder 1	6.95	0.95	1	1	3.342175
HL93_serv_opr	BOBJ1	58	130.79	Before	Interior Girder 2	6.95	0.95	1	1	3.136136
HL93_serv_opr	BOBJ1	58	130.79	Before	Interior Girder 3	6.95	0.95	1	1	3.04726
HL93_serv_opr	BOBJ1	58	130.79	Before	Interior Girder 4	6.95	0.95	1	1	3.04726
HL93_serv_opr	BOBJ1	58	130.79	Before	Interior Girder 5	6.95	0.95	1	1	3.136136
HL93_serv_opr	BOBJ1	58	130.79	Before	Interior Girder 6	6.95	0.95	1	1	3.342175
HL93_serv_opr	BOBJ1	58	130.79	Before	Right Exterior Girder	6.95	0.95	1	1	6.946101
HL93_serv_opr	BOBJ1	59	130.79	After	Left Exterior Girder	6.95	0.95	1	1	7.008223
HL93_serv_opr	BOBJ1	59	130.79	After	Interior Girder 1	6.95	0.95	1	1	3.324997
HL93_serv_opr	BOBJ1	59	130.79	After	Interior Girder 2	6.95	0.95	1	1	3.150372
HL93_serv_opr	BOBJ1	59	130.79	After	Interior Girder 3	6.95	0.95	1	1	3.049097
HL93_serv_opr	BOBJ1	59	130.79	After	Interior Girder 4	6.95	0.95	1	1	3.049097
HL93_serv_opr	BOBJ1	59	130.79	After	Interior Girder 5	6.95	0.95	1	1	3.150372
HL93_serv_opr	BOBJ1	59	130.79	After	Interior Girder 6	6.95	0.95	1	1	3.324997
HL93_serv_opr	BOBJ1	59	130.79	After	Right Exterior Girder	6.95	0.95	1	1	7.008223
HL93_serv_opr	BOBJ1	60	132.34	Before	Left Exterior Girder	8.5	0.95	1	1	7.676915
HL93_serv_opr	BOBJ1	60	132.34	Before	Right Exterior Girder	8.5	0.95	1	1	7.676915
HL93_serv_opr	BOBJ1	61	132.34	After	Left Exterior Girder	8.5	0.95	1	1	3.57043
HL93_serv_opr	BOBJ1	61	132.34	After	Right Exterior Girder	8.5	0.95	1	1	3.57043
HL93_serv_opr	BOBJ1	62	137.74	Before	Left Exterior Girder	13.9	0.95	1	1	5.069247
HL93_serv_opr	BOBJ1	62	137.74	Before	Interior Girder 1	13.9	0.95	1	1	4.986508
HL93_serv_opr	BOBJ1	62	137.74	Before	Interior Girder 2	13.9	0.95	1	1	4.765391
HL93_serv_opr	BOBJ1	62	137.74	Before	Interior Girder 3	13.9	0.95	1	1	5.031073
HL93_serv_opr	BOBJ1	62	137.74	Before	Interior Girder 4	13.9	0.95	1	1	5.031073
HL93_serv_opr	BOBJ1	62	137.74	Before	Interior Girder 5	13.9	0.95	1	1	4.765391
HL93_serv_opr	BOBJ1	62	137.74	Before	Interior Girder 6	13.9	0.95	1	1	4.986508
HL93_serv_opr	BOBJ1	62	137.74	Before	Right Exterior Girder	13.9	0.95	1	1	5.069247
HL93_serv_opr	BOBJ1	63	137.74	After	Left Exterior Girder	13.9	0.95	1	1	5.023043
HL93_serv_opr	BOBJ1	63	137.74	After	Interior Girder 1	13.9	0.95	1	1	5.013676

TABLE: Bridge Super Rating AASHTORATE18 31 - SteelICompServ-Flx - Approach, Span 12-15										
Request	BridgeObj	BridgeCut	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	Unitless	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
HL93_serv_opr	BOBJ1	63	137.74	After	Interior Girder 2	13.9	0.95	1	1	4.794093
HL93_serv_opr	BOBJ1	63	137.74	After	Interior Girder 3	13.9	0.95	1	1	5.022413
HL93_serv_opr	BOBJ1	63	137.74	After	Interior Girder 4	13.9	0.95	1	1	5.022413
HL93_serv_opr	BOBJ1	63	137.74	After	Interior Girder 5	13.9	0.95	1	1	4.794093
HL93_serv_opr	BOBJ1	63	137.74	After	Interior Girder 6	13.9	0.95	1	1	5.013676
HL93_serv_opr	BOBJ1	63	137.74	After	Right Exterior Girder	13.9	0.95	1	1	5.023043
HL93_serv_opr	BOBJ1	64	143.7733	Before	Left Exterior Girder	19.9333	0.95	1	1	5.17245
HL93_serv_opr	BOBJ1	64	143.7733	Before	Interior Girder 1	19.9333	0.95	1	1	3.925083
HL93_serv_opr	BOBJ1	64	143.7733	Before	Interior Girder 2	19.9333	0.95	1	1	3.711158
HL93_serv_opr	BOBJ1	64	143.7733	Before	Interior Girder 3	19.9333	0.95	1	1	3.617463
HL93_serv_opr	BOBJ1	64	143.7733	Before	Interior Girder 4	19.9333	0.95	1	1	3.617463
HL93_serv_opr	BOBJ1	64	143.7733	Before	Interior Girder 5	19.9333	0.95	1	1	3.711158
HL93_serv_opr	BOBJ1	64	143.7733	Before	Interior Girder 6	19.9333	0.95	1	1	3.925083
HL93_serv_opr	BOBJ1	64	143.7733	Before	Right Exterior Girder	19.9333	0.95	1	1	5.17245
HL93_serv_opr	BOBJ1	65	143.7733	After	Left Exterior Girder	19.9333	0.95	1	1	5.254511
HL93_serv_opr	BOBJ1	65	143.7733	After	Interior Girder 1	19.9333	0.95	1	1	3.88681
HL93_serv_opr	BOBJ1	65	143.7733	After	Interior Girder 2	19.9333	0.95	1	1	3.71579
HL93_serv_opr	BOBJ1	65	143.7733	After	Interior Girder 3	19.9333	0.95	1	1	3.673533
HL93_serv_opr	BOBJ1	65	143.7733	After	Interior Girder 4	19.9333	0.95	1	1	3.673533
HL93_serv_opr	BOBJ1	65	143.7733	After	Interior Girder 5	19.9333	0.95	1	1	3.71579
HL93_serv_opr	BOBJ1	65	143.7733	After	Interior Girder 6	19.9333	0.95	1	1	3.88681
HL93_serv_opr	BOBJ1	65	143.7733	After	Right Exterior Girder	19.9333	0.95	1	1	5.254511
HL93_serv_opr	BOBJ1	66	149.8067	Before	Left Exterior Girder	25.9667	0.95	1	1	3.77721
HL93_serv_opr	BOBJ1	66	149.8067	Before	Interior Girder 1	25.9667	0.95	1	1	3.067155
HL93_serv_opr	BOBJ1	66	149.8067	Before	Interior Girder 2	25.9667	0.95	1	1	2.929324
HL93_serv_opr	BOBJ1	66	149.8067	Before	Interior Girder 3	25.9667	0.95	1	1	2.880572
HL93_serv_opr	BOBJ1	66	149.8067	Before	Interior Girder 4	25.9667	0.95	1	1	2.880572
HL93_serv_opr	BOBJ1	66	149.8067	Before	Interior Girder 5	25.9667	0.95	1	1	2.929324
HL93_serv_opr	BOBJ1	66	149.8067	Before	Interior Girder 6	25.9667	0.95	1	1	3.067155
HL93_serv_opr	BOBJ1	66	149.8067	Before	Right Exterior Girder	25.9667	0.95	1	1	3.77721
HL93_serv_opr	BOBJ1	67	149.8067	After	Left Exterior Girder	25.9667	0.95	1	1	3.77038
HL93_serv_opr	BOBJ1	67	149.8067	After	Interior Girder 1	25.9667	0.95	1	1	3.07689
HL93_serv_opr	BOBJ1	67	149.8067	After	Interior Girder 2	25.9667	0.95	1	1	2.952455
HL93_serv_opr	BOBJ1	67	149.8067	After	Interior Girder 3	25.9667	0.95	1	1	2.925134
HL93_serv_opr	BOBJ1	67	149.8067	After	Interior Girder 4	25.9667	0.95	1	1	2.925134
HL93_serv_opr	BOBJ1	67	149.8067	After	Interior Girder 5	25.9667	0.95	1	1	2.952455
HL93_serv_opr	BOBJ1	67	149.8067	After	Interior Girder 6	25.9667	0.95	1	1	3.07689
HL93_serv_opr	BOBJ1	67	149.8067	After	Right Exterior Girder	25.9667	0.95	1	1	3.77038
HL93_serv_opr	BOBJ1	68	155.84	Before	Left Exterior Girder	32	0.95	1	1	3.194855
HL93_serv_opr	BOBJ1	68	155.84	Before	Interior Girder 1	32	0.95	1	1	2.927878
HL93_serv_opr	BOBJ1	68	155.84	Before	Interior Girder 2	32	0.95	1	1	2.792502
HL93_serv_opr	BOBJ1	68	155.84	Before	Interior Girder 3	32	0.95	1	1	2.765054
HL93_serv_opr	BOBJ1	68	155.84	Before	Interior Girder 4	32	0.95	1	1	2.765054
HL93_serv_opr	BOBJ1	68	155.84	Before	Interior Girder 5	32	0.95	1	1	2.792502
HL93_serv_opr	BOBJ1	68	155.84	Before	Interior Girder 6	32	0.95	1	1	2.927878
HL93_serv_opr	BOBJ1	68	155.84	Before	Right Exterior Girder	32	0.95	1	1	3.194855
HL93_serv_opr	BOBJ1	69	155.84	After	Left Exterior Girder	32	0.95	1	1	3.205988
HL93_serv_opr	BOBJ1	69	155.84	After	Interior Girder 1	32	0.95	1	1	2.921782
HL93_serv_opr	BOBJ1	69	155.84	After	Interior Girder 2	32	0.95	1	1	2.790272
HL93_serv_opr	BOBJ1	69	155.84	After	Interior Girder 3	32	0.95	1	1	2.77089
HL93_serv_opr	BOBJ1	69	155.84	After	Interior Girder 4	32	0.95	1	1	2.77089
HL93_serv_opr	BOBJ1	69	155.84	After	Interior Girder 5	32	0.95	1	1	2.790272
HL93_serv_opr	BOBJ1	69	155.84	After	Interior Girder 6	32	0.95	1	1	2.921782
HL93_serv_opr	BOBJ1	69	155.84	After	Right Exterior Girder	32	0.95	1	1	3.205988
HL93_serv_opr	BOBJ1	70	161.8733	Before	Left Exterior Girder	38.0333	0.95	1	1	3.461286
HL93_serv_opr	BOBJ1	70	161.8733	Before	Interior Girder 1	38.0333	0.95	1	1	2.881203
HL93_serv_opr	BOBJ1	70	161.8733	Before	Interior Girder 2	38.0333	0.95	1	1	2.760746
HL93_serv_opr	BOBJ1	70	161.8733	Before	Interior Girder 3	38.0333	0.95	1	1	2.726293
HL93_serv_opr	BOBJ1	70	161.8733	Before	Interior Girder 4	38.0333	0.95	1	1	2.726293
HL93_serv_opr	BOBJ1	70	161.8733	Before	Interior Girder 5	38.0333	0.95	1	1	2.760746
HL93_serv_opr	BOBJ1	70	161.8733	Before	Interior Girder 6	38.0333	0.95	1	1	2.881203
HL93_serv_opr	BOBJ1	70	161.8733	Before	Right Exterior Girder	38.0333	0.95	1	1	3.461286
HL93_serv_opr	BOBJ1	71	161.8733	After	Left Exterior Girder	38.0333	0.95	1	1	3.471994
HL93_serv_opr	BOBJ1	71	161.8733	After	Interior Girder 1	38.0333	0.95	1	1	2.864541
HL93_serv_opr	BOBJ1	71	161.8733	After	Interior Girder 2	38.0333	0.95	1	1	2.741742
HL93_serv_opr	BOBJ1	71	161.8733	After	Interior Girder 3	38.0333	0.95	1	1	2.693658
HL93_serv_opr	BOBJ1	71	161.8733	After	Interior Girder 4	38.0333	0.95	1	1	2.693658
HL93_serv_opr	BOBJ1	71	161.8733	After	Interior Girder 5	38.0333	0.95	1	1	2.741742
HL93_serv_opr	BOBJ1	71	161.8733	After	Interior Girder 6	38.0333	0.95	1	1	2.864541
HL93_serv_opr	BOBJ1	71	161.8733	After	Right Exterior Girder	38.0333	0.95	1	1	3.471994
HL93_serv_opr	BOBJ1	72	167.9067	Before	Left Exterior Girder	44.0667	0.95	1	1	4.309072
HL93_serv_opr	BOBJ1	72	167.9067	Before	Interior Girder 1	44.0667	0.95	1	1	3.345714
HL93_serv_opr	BOBJ1	72	167.9067	Before	Interior Girder 2	44.0667	0.95	1	1	3.187099

TABLE: Bridge Super Rating AASHTORATE18 31 - SteelCompServ-Flx - Approach, Span 12-15										
Request	BridgeObj	BridgeCut	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	Unitless	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
HL93_serv_opr	BOBJ1	72	167.9067	Before	Interior Girder 3	44.0667	0.95	1	1	3.141208
HL93_serv_opr	BOBJ1	72	167.9067	Before	Interior Girder 4	44.0667	0.95	1	1	3.141208
HL93_serv_opr	BOBJ1	72	167.9067	Before	Interior Girder 5	44.0667	0.95	1	1	3.187099
HL93_serv_opr	BOBJ1	72	167.9067	Before	Interior Girder 6	44.0667	0.95	1	1	3.345714
HL93_serv_opr	BOBJ1	72	167.9067	Before	Right Exterior Girder	44.0667	0.95	1	1	4.309072
HL93_serv_opr	BOBJ1	73	167.9067	After	Left Exterior Girder	44.0667	0.95	1	1	4.239626
HL93_serv_opr	BOBJ1	73	167.9067	After	Interior Girder 1	44.0667	0.95	1	1	3.374599
HL93_serv_opr	BOBJ1	73	167.9067	After	Interior Girder 2	44.0667	0.95	1	1	3.192157
HL93_serv_opr	BOBJ1	73	167.9067	After	Interior Girder 3	44.0667	0.95	1	1	3.109189
HL93_serv_opr	BOBJ1	73	167.9067	After	Interior Girder 4	44.0667	0.95	1	1	3.109189
HL93_serv_opr	BOBJ1	73	167.9067	After	Interior Girder 5	44.0667	0.95	1	1	3.192157
HL93_serv_opr	BOBJ1	73	167.9067	After	Interior Girder 6	44.0667	0.95	1	1	3.374599
HL93_serv_opr	BOBJ1	73	167.9067	After	Right Exterior Girder	44.0667	0.95	1	1	4.239626
HL93_serv_opr	BOBJ1	74	173.94	Before	Left Exterior Girder	50.1	0.95	1	1	6.175185
HL93_serv_opr	BOBJ1	74	173.94	Before	Interior Girder 1	50.1	0.95	1	1	4.990758
HL93_serv_opr	BOBJ1	74	173.94	Before	Interior Girder 2	50.1	0.95	1	1	4.580446
HL93_serv_opr	BOBJ1	74	173.94	Before	Interior Girder 3	50.1	0.95	1	1	4.508581
HL93_serv_opr	BOBJ1	74	173.94	Before	Interior Girder 4	50.1	0.95	1	1	4.508581
HL93_serv_opr	BOBJ1	74	173.94	Before	Interior Girder 5	50.1	0.95	1	1	4.580446
HL93_serv_opr	BOBJ1	74	173.94	Before	Interior Girder 6	50.1	0.95	1	1	4.990758
HL93_serv_opr	BOBJ1	74	173.94	Before	Right Exterior Girder	50.1	0.95	1	1	6.175185
HL93_serv_opr	BOBJ1	75	173.94	After	Left Exterior Girder	50.1	0.95	1	1	6.133784
HL93_serv_opr	BOBJ1	75	173.94	After	Interior Girder 1	50.1	0.95	1	1	4.996719
HL93_serv_opr	BOBJ1	75	173.94	After	Interior Girder 2	50.1	0.95	1	1	4.558871
HL93_serv_opr	BOBJ1	75	173.94	After	Interior Girder 3	50.1	0.95	1	1	4.443076
HL93_serv_opr	BOBJ1	75	173.94	After	Interior Girder 4	50.1	0.95	1	1	4.443076
HL93_serv_opr	BOBJ1	75	173.94	After	Interior Girder 5	50.1	0.95	1	1	4.558871
HL93_serv_opr	BOBJ1	75	173.94	After	Interior Girder 6	50.1	0.95	1	1	4.996719
HL93_serv_opr	BOBJ1	75	173.94	After	Right Exterior Girder	50.1	0.95	1	1	6.133784
HL93_serv_opr	BOBJ1	76	179.98	Before	Left Exterior Girder	56.14	0.95	1	1	5.816333
HL93_serv_opr	BOBJ1	76	179.98	Before	Interior Girder 1	56.14	0.95	1	1	5.591036
HL93_serv_opr	BOBJ1	76	179.98	Before	Interior Girder 2	56.14	0.95	1	1	5.26922
HL93_serv_opr	BOBJ1	76	179.98	Before	Interior Girder 3	56.14	0.95	1	1	5.238626
HL93_serv_opr	BOBJ1	76	179.98	Before	Interior Girder 4	56.14	0.95	1	1	5.238626
HL93_serv_opr	BOBJ1	76	179.98	Before	Interior Girder 5	56.14	0.95	1	1	5.26922
HL93_serv_opr	BOBJ1	76	179.98	Before	Interior Girder 6	56.14	0.95	1	1	5.591036
HL93_serv_opr	BOBJ1	76	179.98	Before	Right Exterior Girder	56.14	0.95	1	1	5.816333
HL93_serv_opr	BOBJ1	77	179.98	After	Left Exterior Girder	56.14	0.95	1	1	5.882892
HL93_serv_opr	BOBJ1	77	179.98	After	Interior Girder 1	56.14	0.95	1	1	5.560561
HL93_serv_opr	BOBJ1	77	179.98	After	Interior Girder 2	56.14	0.95	1	1	5.21344
HL93_serv_opr	BOBJ1	77	179.98	After	Interior Girder 3	56.14	0.95	1	1	5.208175
HL93_serv_opr	BOBJ1	77	179.98	After	Interior Girder 4	56.14	0.95	1	1	5.208175
HL93_serv_opr	BOBJ1	77	179.98	After	Interior Girder 5	56.14	0.95	1	1	5.21344
HL93_serv_opr	BOBJ1	77	179.98	After	Interior Girder 6	56.14	0.95	1	1	5.560561
HL93_serv_opr	BOBJ1	77	179.98	After	Right Exterior Girder	56.14	0.95	1	1	5.882892
HL93_serv_opr	BOBJ1	78	183.56	Before	Left Exterior Girder	59.72	0.95	1	1	4.476971
HL93_serv_opr	BOBJ1	78	183.56	Before	Right Exterior Girder	59.72	0.95	1	1	4.476971
HL93_serv_opr	BOBJ1	79	183.56	After	Left Exterior Girder	59.72	0.95	1	1	10.203245
HL93_serv_opr	BOBJ1	79	183.56	After	Right Exterior Girder	59.72	0.95	1	1	10.203245
HL93_serv_opr	BOBJ1	80	186.02	Before	Left Exterior Girder	62.18	0.95	1	1	8.742344
HL93_serv_opr	BOBJ1	80	186.02	Before	Interior Girder 1	62.22	0.95	1	1	3.641135
HL93_serv_opr	BOBJ1	80	186.02	Before	Interior Girder 2	62.22	0.95	1	1	3.466718
HL93_serv_opr	BOBJ1	80	186.02	Before	Interior Girder 3	62.22	0.95	1	1	3.217731
HL93_serv_opr	BOBJ1	80	186.02	Before	Interior Girder 4	62.22	0.95	1	1	3.217731
HL93_serv_opr	BOBJ1	80	186.02	Before	Interior Girder 5	62.22	0.95	1	1	3.466718
HL93_serv_opr	BOBJ1	80	186.02	Before	Interior Girder 6	62.22	0.95	1	1	3.641135
HL93_serv_opr	BOBJ1	80	186.02	Before	Right Exterior Girder	62.18	0.95	1	1	8.742344
HL93_serv_opr	BOBJ1	81	186.02	After	Left Exterior Girder	62.18	0.95	1	1	8.794435
HL93_serv_opr	BOBJ1	81	186.02	After	Interior Girder 1	62.22	0.95	1	1	5.720573
HL93_serv_opr	BOBJ1	81	186.02	After	Interior Girder 2	62.22	0.95	1	1	5.338712
HL93_serv_opr	BOBJ1	81	186.02	After	Interior Girder 3	62.22	0.95	1	1	5.024527
HL93_serv_opr	BOBJ1	81	186.02	After	Interior Girder 4	62.22	0.95	1	1	5.024527
HL93_serv_opr	BOBJ1	81	186.02	After	Interior Girder 5	62.22	0.95	1	1	5.338712
HL93_serv_opr	BOBJ1	81	186.02	After	Interior Girder 6	62.22	0.95	1	1	5.720573
HL93_serv_opr	BOBJ1	81	186.02	After	Right Exterior Girder	62.18	0.95	1	1	8.794435
HL93_serv_opr	BOBJ1	82	192.06	Before	Left Exterior Girder	68.22	0.95	1	1	4.566065
HL93_serv_opr	BOBJ1	82	192.06	Before	Interior Girder 1	68.22	0.95	1	1	2.821762
HL93_serv_opr	BOBJ1	82	192.06	Before	Interior Girder 2	68.22	0.95	1	1	2.708057
HL93_serv_opr	BOBJ1	82	192.06	Before	Interior Girder 3	68.22	0.95	1	1	2.353292
HL93_serv_opr	BOBJ1	82	192.06	Before	Interior Girder 4	68.22	0.95	1	1	2.353292
HL93_serv_opr	BOBJ1	82	192.06	Before	Interior Girder 5	68.22	0.95	1	1	2.708057
HL93_serv_opr	BOBJ1	82	192.06	Before	Interior Girder 6	68.22	0.95	1	1	2.821762
HL93_serv_opr	BOBJ1	82	192.06	Before	Right Exterior Girder	68.22	0.95	1	1	4.566065

TABLE: Bridge Super Rating AASHTORATE18 31 - SteelICompServ-Flx - Approach, Span 12-15										
Request	BridgeObj	BridgeCut	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	Unitless	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
HL93_serv_opr	BOBJ1	83	192.06	After	Left Exterior Girder	0	0.95	1	1	4.438461
HL93_serv_opr	BOBJ1	83	192.06	After	Interior Girder 1	0	0.95	1	1	3.047273
HL93_serv_opr	BOBJ1	83	192.06	After	Interior Girder 2	0	0.95	1	1	2.890647
HL93_serv_opr	BOBJ1	83	192.06	After	Interior Girder 3	0	0.95	1	1	2.506041
HL93_serv_opr	BOBJ1	83	192.06	After	Interior Girder 4	0	0.95	1	1	2.506041
HL93_serv_opr	BOBJ1	83	192.06	After	Interior Girder 5	0	0.95	1	1	2.890647
HL93_serv_opr	BOBJ1	83	192.06	After	Interior Girder 6	0	0.95	1	1	3.047273
HL93_serv_opr	BOBJ1	83	192.06	After	Right Exterior Girder	0	0.95	1	1	4.438461
HL93_serv_opr	BOBJ1	84	197.087	Before	Interior Girder 1	5.027	0.95	1	1	4.275173
HL93_serv_opr	BOBJ1	84	197.087	Before	Interior Girder 2	5.027	0.95	1	1	4.030618
HL93_serv_opr	BOBJ1	84	197.087	Before	Interior Girder 3	5.027	0.95	1	1	3.951297
HL93_serv_opr	BOBJ1	84	197.087	Before	Interior Girder 4	5.027	0.95	1	1	3.951297
HL93_serv_opr	BOBJ1	84	197.087	Before	Interior Girder 5	5.027	0.95	1	1	4.030618
HL93_serv_opr	BOBJ1	84	197.087	Before	Interior Girder 6	5.027	0.95	1	1	4.275173
HL93_serv_opr	BOBJ1	85	197.087	After	Interior Girder 1	5.027	0.95	1	1	2.709134
HL93_serv_opr	BOBJ1	85	197.087	After	Interior Girder 2	5.027	0.95	1	1	2.563178
HL93_serv_opr	BOBJ1	85	197.087	After	Interior Girder 3	5.027	0.95	1	1	2.497293
HL93_serv_opr	BOBJ1	85	197.087	After	Interior Girder 4	5.027	0.95	1	1	2.497293
HL93_serv_opr	BOBJ1	85	197.087	After	Interior Girder 5	5.027	0.95	1	1	2.563178
HL93_serv_opr	BOBJ1	85	197.087	After	Interior Girder 6	5.027	0.95	1	1	2.709134
HL93_serv_opr	BOBJ1	86	197.91	Before	Left Exterior Girder	5.85	0.95	1	1	6.299346
HL93_serv_opr	BOBJ1	86	197.91	Before	Interior Girder 1	5.85	0.95	1	1	2.887697
HL93_serv_opr	BOBJ1	86	197.91	Before	Interior Girder 2	5.85	0.95	1	1	2.704024
HL93_serv_opr	BOBJ1	86	197.91	Before	Interior Girder 3	5.85	0.95	1	1	2.682345
HL93_serv_opr	BOBJ1	86	197.91	Before	Interior Girder 4	5.85	0.95	1	1	2.682345
HL93_serv_opr	BOBJ1	86	197.91	Before	Interior Girder 5	5.85	0.95	1	1	2.704024
HL93_serv_opr	BOBJ1	86	197.91	Before	Interior Girder 6	5.85	0.95	1	1	2.887697
HL93_serv_opr	BOBJ1	86	197.91	Before	Right Exterior Girder	5.85	0.95	1	1	6.299346
HL93_serv_opr	BOBJ1	87	197.91	After	Left Exterior Girder	5.85	0.95	1	1	6.330284
HL93_serv_opr	BOBJ1	87	197.91	After	Interior Girder 1	5.85	0.95	1	1	2.887653
HL93_serv_opr	BOBJ1	87	197.91	After	Interior Girder 2	5.85	0.95	1	1	2.717528
HL93_serv_opr	BOBJ1	87	197.91	After	Interior Girder 3	5.85	0.95	1	1	2.675424
HL93_serv_opr	BOBJ1	87	197.91	After	Interior Girder 4	5.85	0.95	1	1	2.675424
HL93_serv_opr	BOBJ1	87	197.91	After	Interior Girder 5	5.85	0.95	1	1	2.717528
HL93_serv_opr	BOBJ1	87	197.91	After	Interior Girder 6	5.85	0.95	1	1	2.887653
HL93_serv_opr	BOBJ1	87	197.91	After	Right Exterior Girder	5.85	0.95	1	1	6.330284
HL93_serv_opr	BOBJ1	88	199.1816	Before	Left Exterior Girder	7.1216	0.95	1	1	6.747313
HL93_serv_opr	BOBJ1	88	199.1816	Before	Right Exterior Girder	7.1216	0.95	1	1	6.747313
HL93_serv_opr	BOBJ1	89	199.1816	After	Left Exterior Girder	7.1216	0.95	1	1	2.900983
HL93_serv_opr	BOBJ1	89	199.1816	After	Right Exterior Girder	7.1216	0.95	1	1	2.900983
HL93_serv_opr	BOBJ1	90	203.5267	Before	Left Exterior Girder	11.3107	0.95	1	1	3.86782
HL93_serv_opr	BOBJ1	90	203.5267	Before	Interior Girder 1	11.3107	0.95	1	1	3.991489
HL93_serv_opr	BOBJ1	90	203.5267	Before	Interior Girder 2	11.3107	0.95	1	1	3.760845
HL93_serv_opr	BOBJ1	90	203.5267	Before	Interior Girder 3	11.3107	0.95	1	1	3.892917
HL93_serv_opr	BOBJ1	90	203.5267	Before	Interior Girder 4	11.3107	0.95	1	1	3.892917
HL93_serv_opr	BOBJ1	90	203.5267	Before	Interior Girder 5	11.3107	0.95	1	1	3.760845
HL93_serv_opr	BOBJ1	90	203.5267	Before	Interior Girder 6	11.3107	0.95	1	1	3.991489
HL93_serv_opr	BOBJ1	90	203.5267	Before	Right Exterior Girder	11.3107	0.95	1	1	3.86782
HL93_serv_opr	BOBJ1	91	203.5267	After	Left Exterior Girder	11.3107	0.95	1	1	6.157889
HL93_serv_opr	BOBJ1	91	203.5267	After	Interior Girder 1	11.3107	0.95	1	1	6.286052
HL93_serv_opr	BOBJ1	91	203.5267	After	Interior Girder 2	11.3107	0.95	1	1	5.970528
HL93_serv_opr	BOBJ1	91	203.5267	After	Interior Girder 3	11.3107	0.95	1	1	6.161579
HL93_serv_opr	BOBJ1	91	203.5267	After	Interior Girder 4	11.3107	0.95	1	1	6.161579
HL93_serv_opr	BOBJ1	91	203.5267	After	Interior Girder 5	11.3107	0.95	1	1	5.970528
HL93_serv_opr	BOBJ1	91	203.5267	After	Interior Girder 6	11.3107	0.95	1	1	6.286052
HL93_serv_opr	BOBJ1	91	203.5267	After	Right Exterior Girder	11.3107	0.95	1	1	6.157889
HL93_serv_opr	BOBJ1	92	209.1433	Before	Left Exterior Girder	17.0833	0.95	1	1	6.900269
HL93_serv_opr	BOBJ1	92	209.1433	Before	Interior Girder 1	17.0833	0.95	1	1	5.620219
HL93_serv_opr	BOBJ1	92	209.1433	Before	Interior Girder 2	17.0833	0.95	1	1	5.271879
HL93_serv_opr	BOBJ1	92	209.1433	Before	Interior Girder 3	17.0833	0.95	1	1	5.198421
HL93_serv_opr	BOBJ1	92	209.1433	Before	Interior Girder 4	17.0833	0.95	1	1	5.198421
HL93_serv_opr	BOBJ1	92	209.1433	Before	Interior Girder 5	17.0833	0.95	1	1	5.271879
HL93_serv_opr	BOBJ1	92	209.1433	Before	Interior Girder 6	17.0833	0.95	1	1	5.620219
HL93_serv_opr	BOBJ1	92	209.1433	Before	Right Exterior Girder	17.0833	0.95	1	1	6.900269
HL93_serv_opr	BOBJ1	93	209.1433	After	Left Exterior Girder	17.0833	0.95	1	1	6.783234
HL93_serv_opr	BOBJ1	93	209.1433	After	Interior Girder 1	17.0833	0.95	1	1	5.663744
HL93_serv_opr	BOBJ1	93	209.1433	After	Interior Girder 2	17.0833	0.95	1	1	5.341862
HL93_serv_opr	BOBJ1	93	209.1433	After	Interior Girder 3	17.0833	0.95	1	1	5.312225
HL93_serv_opr	BOBJ1	93	209.1433	After	Interior Girder 4	17.0833	0.95	1	1	5.312225
HL93_serv_opr	BOBJ1	93	209.1433	After	Interior Girder 5	17.0833	0.95	1	1	5.341862
HL93_serv_opr	BOBJ1	93	209.1433	After	Interior Girder 6	17.0833	0.95	1	1	5.663744
HL93_serv_opr	BOBJ1	93	209.1433	After	Right Exterior Girder	17.0833	0.95	1	1	6.783234
HL93_serv_opr	BOBJ1	94	214.76	Before	Left Exterior Girder	22.7	0.95	1	1	5.180797

TABLE: Bridge Super Rating AASHTORATE18 31 - SteelICompServ-Flx - Approach, Span 12-15										
Request	BridgeObj	BridgeCut	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	Unitless	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
HL93_serv_opr	BOBJ1	94	214.76	Before	Interior Girder 1	22.7	0.95	1	1	4.484243
HL93_serv_opr	BOBJ1	94	214.76	Before	Interior Girder 2	22.7	0.95	1	1	4.212405
HL93_serv_opr	BOBJ1	94	214.76	Before	Interior Girder 3	22.7	0.95	1	1	4.155966
HL93_serv_opr	BOBJ1	94	214.76	Before	Interior Girder 4	22.7	0.95	1	1	4.155966
HL93_serv_opr	BOBJ1	94	214.76	Before	Interior Girder 5	22.7	0.95	1	1	4.212405
HL93_serv_opr	BOBJ1	94	214.76	Before	Interior Girder 6	22.7	0.95	1	1	4.484243
HL93_serv_opr	BOBJ1	94	214.76	Before	Right Exterior Girder	22.7	0.95	1	1	5.180797
HL93_serv_opr	BOBJ1	95	214.76	After	Left Exterior Girder	22.7	0.95	1	1	5.175023
HL93_serv_opr	BOBJ1	95	214.76	After	Interior Girder 1	22.7	0.95	1	1	4.474964
HL93_serv_opr	BOBJ1	95	214.76	After	Interior Girder 2	22.7	0.95	1	1	4.226711
HL93_serv_opr	BOBJ1	95	214.76	After	Interior Girder 3	22.7	0.95	1	1	4.189081
HL93_serv_opr	BOBJ1	95	214.76	After	Interior Girder 4	22.7	0.95	1	1	4.189081
HL93_serv_opr	BOBJ1	95	214.76	After	Interior Girder 5	22.7	0.95	1	1	4.226711
HL93_serv_opr	BOBJ1	95	214.76	After	Interior Girder 6	22.7	0.95	1	1	4.474964
HL93_serv_opr	BOBJ1	95	214.76	After	Right Exterior Girder	22.7	0.95	1	1	5.175023
HL93_serv_opr	BOBJ1	96	220.3767	Before	Left Exterior Girder	28.3167	0.95	1	1	4.839795
HL93_serv_opr	BOBJ1	96	220.3767	Before	Interior Girder 1	28.3167	0.95	1	1	3.826685
HL93_serv_opr	BOBJ1	96	220.3767	Before	Interior Girder 2	28.3167	0.95	1	1	3.641626
HL93_serv_opr	BOBJ1	96	220.3767	Before	Interior Girder 3	28.3167	0.95	1	1	3.556928
HL93_serv_opr	BOBJ1	96	220.3767	Before	Interior Girder 4	28.3167	0.95	1	1	3.556928
HL93_serv_opr	BOBJ1	96	220.3767	Before	Interior Girder 5	28.3167	0.95	1	1	3.641626
HL93_serv_opr	BOBJ1	96	220.3767	Before	Interior Girder 6	28.3167	0.95	1	1	3.826685
HL93_serv_opr	BOBJ1	96	220.3767	Before	Right Exterior Girder	28.3167	0.95	1	1	4.839795
HL93_serv_opr	BOBJ1	97	220.3767	After	Left Exterior Girder	28.3167	0.95	1	1	4.866272
HL93_serv_opr	BOBJ1	97	220.3767	After	Interior Girder 1	28.3167	0.95	1	1	3.819291
HL93_serv_opr	BOBJ1	97	220.3767	After	Interior Girder 2	28.3167	0.95	1	1	3.640667
HL93_serv_opr	BOBJ1	97	220.3767	After	Interior Girder 3	28.3167	0.95	1	1	3.571368
HL93_serv_opr	BOBJ1	97	220.3767	After	Interior Girder 4	28.3167	0.95	1	1	3.571368
HL93_serv_opr	BOBJ1	97	220.3767	After	Interior Girder 5	28.3167	0.95	1	1	3.640667
HL93_serv_opr	BOBJ1	97	220.3767	After	Interior Girder 6	28.3167	0.95	1	1	3.819291
HL93_serv_opr	BOBJ1	97	220.3767	After	Right Exterior Girder	28.3167	0.95	1	1	4.866272
HL93_serv_opr	BOBJ1	98	225.9933	Before	Left Exterior Girder	33.9333	0.95	1	1	4.713491
HL93_serv_opr	BOBJ1	98	225.9933	Before	Interior Girder 1	33.9333	0.95	1	1	3.694486
HL93_serv_opr	BOBJ1	98	225.9933	Before	Interior Girder 2	33.9333	0.95	1	1	3.53774
HL93_serv_opr	BOBJ1	98	225.9933	Before	Interior Girder 3	33.9333	0.95	1	1	3.460709
HL93_serv_opr	BOBJ1	98	225.9933	Before	Interior Girder 4	33.9333	0.95	1	1	3.460709
HL93_serv_opr	BOBJ1	98	225.9933	Before	Interior Girder 5	33.9333	0.95	1	1	3.53774
HL93_serv_opr	BOBJ1	98	225.9933	Before	Interior Girder 6	33.9333	0.95	1	1	3.694486
HL93_serv_opr	BOBJ1	98	225.9933	Before	Right Exterior Girder	33.9333	0.95	1	1	4.713491
HL93_serv_opr	BOBJ1	99	225.9933	After	Left Exterior Girder	33.9333	0.95	1	1	4.678618
HL93_serv_opr	BOBJ1	99	225.9933	After	Interior Girder 1	33.9333	0.95	1	1	3.708004
HL93_serv_opr	BOBJ1	99	225.9933	After	Interior Girder 2	33.9333	0.95	1	1	3.533265
HL93_serv_opr	BOBJ1	99	225.9933	After	Interior Girder 3	33.9333	0.95	1	1	3.444319
HL93_serv_opr	BOBJ1	99	225.9933	After	Interior Girder 4	33.9333	0.95	1	1	3.444319
HL93_serv_opr	BOBJ1	99	225.9933	After	Interior Girder 5	33.9333	0.95	1	1	3.533265
HL93_serv_opr	BOBJ1	99	225.9933	After	Interior Girder 6	33.9333	0.95	1	1	3.708004
HL93_serv_opr	BOBJ1	99	225.9933	After	Right Exterior Girder	33.9333	0.95	1	1	4.678618
HL93_serv_opr	BOBJ1	100	231.61	Before	Left Exterior Girder	39.55	0.95	1	1	4.993023
HL93_serv_opr	BOBJ1	100	231.61	Before	Interior Girder 1	39.55	0.95	1	1	4.136951
HL93_serv_opr	BOBJ1	100	231.61	Before	Interior Girder 2	39.55	0.95	1	1	3.92434
HL93_serv_opr	BOBJ1	100	231.61	Before	Interior Girder 3	39.55	0.95	1	1	3.839403
HL93_serv_opr	BOBJ1	100	231.61	Before	Interior Girder 4	39.55	0.95	1	1	3.839403
HL93_serv_opr	BOBJ1	100	231.61	Before	Interior Girder 5	39.55	0.95	1	1	3.92434
HL93_serv_opr	BOBJ1	100	231.61	Before	Interior Girder 6	39.55	0.95	1	1	4.136951
HL93_serv_opr	BOBJ1	100	231.61	Before	Right Exterior Girder	39.55	0.95	1	1	4.993023
HL93_serv_opr	BOBJ1	101	231.61	After	Left Exterior Girder	39.55	0.95	1	1	4.985854
HL93_serv_opr	BOBJ1	101	231.61	After	Interior Girder 1	39.55	0.95	1	1	4.137608
HL93_serv_opr	BOBJ1	101	231.61	After	Interior Girder 2	39.55	0.95	1	1	3.892678
HL93_serv_opr	BOBJ1	101	231.61	After	Interior Girder 3	39.55	0.95	1	1	3.784571
HL93_serv_opr	BOBJ1	101	231.61	After	Interior Girder 4	39.55	0.95	1	1	3.784571
HL93_serv_opr	BOBJ1	101	231.61	After	Interior Girder 5	39.55	0.95	1	1	3.892678
HL93_serv_opr	BOBJ1	101	231.61	After	Interior Girder 6	39.55	0.95	1	1	4.137608
HL93_serv_opr	BOBJ1	101	231.61	After	Right Exterior Girder	39.55	0.95	1	1	4.985854
HL93_serv_opr	BOBJ1	102	237.37	Before	Left Exterior Girder	45.31	0.95	1	1	6.63909
HL93_serv_opr	BOBJ1	102	237.37	Before	Interior Girder 1	45.31	0.95	1	1	4.935368
HL93_serv_opr	BOBJ1	102	237.37	Before	Interior Girder 2	45.31	0.95	1	1	4.710316
HL93_serv_opr	BOBJ1	102	237.37	Before	Interior Girder 3	45.31	0.95	1	1	4.536505
HL93_serv_opr	BOBJ1	102	237.37	Before	Interior Girder 4	45.31	0.95	1	1	4.536505
HL93_serv_opr	BOBJ1	102	237.37	Before	Interior Girder 5	45.31	0.95	1	1	4.710316
HL93_serv_opr	BOBJ1	102	237.37	Before	Interior Girder 6	45.31	0.95	1	1	4.935368
HL93_serv_opr	BOBJ1	102	237.37	Before	Right Exterior Girder	45.31	0.95	1	1	6.63909
HL93_serv_opr	BOBJ1	103	237.37	After	Left Exterior Girder	45.31	0.95	1	1	6.735114
HL93_serv_opr	BOBJ1	103	237.37	After	Interior Girder 1	45.31	0.95	1	1	4.906669

TABLE: Bridge Super Rating AASHTORATE18 31 - SteelCompServ-Flx - Approach, Span 12-15										
Request	BridgeObj	BridgeCut	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	Unitless	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
HL93_serv_opr	BOBJ1	103	237.37	After	Interior Girder 2	45.31	0.95	1	1	4.618497
HL93_serv_opr	BOBJ1	103	237.37	After	Interior Girder 3	45.31	0.95	1	1	4.402039
HL93_serv_opr	BOBJ1	103	237.37	After	Interior Girder 4	45.31	0.95	1	1	4.402039
HL93_serv_opr	BOBJ1	103	237.37	After	Interior Girder 5	45.31	0.95	1	1	4.618497
HL93_serv_opr	BOBJ1	103	237.37	After	Interior Girder 6	45.31	0.95	1	1	4.906669
HL93_serv_opr	BOBJ1	103	237.37	After	Right Exterior Girder	45.31	0.95	1	1	6.735114
HL93_serv_opr	BOBJ1	104	243.13	Before	Left Exterior Girder	51.07	0.95	1	1	12.036145
HL93_serv_opr	BOBJ1	104	243.13	Before	Interior Girder 1	51.07	0.95	1	1	8.184123
HL93_serv_opr	BOBJ1	104	243.13	Before	Interior Girder 2	51.07	0.95	1	1	7.848321
HL93_serv_opr	BOBJ1	104	243.13	Before	Interior Girder 3	51.07	0.95	1	1	7.110671
HL93_serv_opr	BOBJ1	104	243.13	Before	Interior Girder 4	51.07	0.95	1	1	7.110671
HL93_serv_opr	BOBJ1	104	243.13	Before	Interior Girder 5	51.07	0.95	1	1	7.848321
HL93_serv_opr	BOBJ1	104	243.13	Before	Interior Girder 6	51.07	0.95	1	1	8.184123
HL93_serv_opr	BOBJ1	104	243.13	Before	Right Exterior Girder	51.07	0.95	1	1	12.036145
HL93_serv_opr	BOBJ1	105	243.13	After	Left Exterior Girder	51.07	0.95	1	1	12.011487
HL93_serv_opr	BOBJ1	105	243.13	After	Interior Girder 1	51.07	0.95	1	1	8.101353
HL93_serv_opr	BOBJ1	105	243.13	After	Interior Girder 2	51.07	0.95	1	1	7.674126
HL93_serv_opr	BOBJ1	105	243.13	After	Interior Girder 3	51.07	0.95	1	1	6.754816
HL93_serv_opr	BOBJ1	105	243.13	After	Interior Girder 4	51.07	0.95	1	1	6.754816
HL93_serv_opr	BOBJ1	105	243.13	After	Interior Girder 5	51.07	0.95	1	1	7.674126
HL93_serv_opr	BOBJ1	105	243.13	After	Interior Girder 6	51.07	0.95	1	1	8.101353
HL93_serv_opr	BOBJ1	105	243.13	After	Right Exterior Girder	51.07	0.95	1	1	12.011487
HL93_serv_opr	BOBJ1	106	248.89	Before	Left Exterior Girder	56.83	0.95	1	1	546.759062
HL93_serv_opr	BOBJ1	106	248.89	Before	Interior Girder 1	56.83	0.95	1	1	446.694172
HL93_serv_opr	BOBJ1	106	248.89	Before	Interior Girder 2	56.83	0.95	1	1	288.698313
HL93_serv_opr	BOBJ1	106	248.89	Before	Interior Girder 3	56.83	0.95	1	1	226.257411
HL93_serv_opr	BOBJ1	106	248.89	Before	Interior Girder 4	56.83	0.95	1	1	226.257411
HL93_serv_opr	BOBJ1	106	248.89	Before	Interior Girder 5	56.83	0.95	1	1	288.698313
HL93_serv_opr	BOBJ1	106	248.89	Before	Interior Girder 6	56.83	0.95	1	1	446.694172
HL93_serv_opr	BOBJ1	106	248.89	Before	Right Exterior Girder	56.83	0.95	1	1	546.759062
HL93_serv_inv	BOBJ1	1	0	After	Left Exterior Girder	0	0.95	1	1	292.773927
HL93_serv_inv	BOBJ1	1	0	After	Interior Girder 1	0	0.95	1	1	212.386375
HL93_serv_inv	BOBJ1	1	0	After	Interior Girder 2	0	0.95	1	1	157.013881
HL93_serv_inv	BOBJ1	1	0	After	Interior Girder 3	0	0.95	1	1	126.978062
HL93_serv_inv	BOBJ1	1	0	After	Interior Girder 4	0	0.95	1	1	126.978062
HL93_serv_inv	BOBJ1	1	0	After	Interior Girder 5	0	0.95	1	1	157.013881
HL93_serv_inv	BOBJ1	1	0	After	Interior Girder 6	0	0.95	1	1	212.386375
HL93_serv_inv	BOBJ1	1	0	After	Right Exterior Girder	0	0.95	1	1	292.773927
HL93_serv_inv	BOBJ1	2	5.85	Before	Left Exterior Girder	5.85	0.95	1	1	7.517731
HL93_serv_inv	BOBJ1	2	5.85	Before	Interior Girder 1	5.85	0.95	1	1	5.480908
HL93_serv_inv	BOBJ1	2	5.85	Before	Interior Girder 2	5.85	0.95	1	1	5.113324
HL93_serv_inv	BOBJ1	2	5.85	Before	Interior Girder 3	5.85	0.95	1	1	4.591351
HL93_serv_inv	BOBJ1	2	5.85	Before	Interior Girder 4	5.85	0.95	1	1	4.591351
HL93_serv_inv	BOBJ1	2	5.85	Before	Interior Girder 5	5.85	0.95	1	1	5.113324
HL93_serv_inv	BOBJ1	2	5.85	Before	Interior Girder 6	5.85	0.95	1	1	5.480908
HL93_serv_inv	BOBJ1	2	5.85	Before	Right Exterior Girder	5.85	0.95	1	1	7.517731
HL93_serv_inv	BOBJ1	3	5.85	After	Left Exterior Girder	5.85	0.95	1	1	7.543964
HL93_serv_inv	BOBJ1	3	5.85	After	Interior Girder 1	5.85	0.95	1	1	5.487082
HL93_serv_inv	BOBJ1	3	5.85	After	Interior Girder 2	5.85	0.95	1	1	5.192439
HL93_serv_inv	BOBJ1	3	5.85	After	Interior Girder 3	5.85	0.95	1	1	4.802532
HL93_serv_inv	BOBJ1	3	5.85	After	Interior Girder 4	5.85	0.95	1	1	4.802532
HL93_serv_inv	BOBJ1	3	5.85	After	Interior Girder 5	5.85	0.95	1	1	5.192439
HL93_serv_inv	BOBJ1	3	5.85	After	Interior Girder 6	5.85	0.95	1	1	5.487082
HL93_serv_inv	BOBJ1	3	5.85	After	Right Exterior Girder	5.85	0.95	1	1	7.543964
HL93_serv_inv	BOBJ1	4	11.4667	Before	Left Exterior Girder	11.4667	0.95	1	1	4.249371
HL93_serv_inv	BOBJ1	4	11.4667	Before	Interior Girder 1	11.4667	0.95	1	1	3.138001
HL93_serv_inv	BOBJ1	4	11.4667	Before	Interior Girder 2	11.4667	0.95	1	1	2.971013
HL93_serv_inv	BOBJ1	4	11.4667	Before	Interior Girder 3	11.4667	0.95	1	1	2.818162
HL93_serv_inv	BOBJ1	4	11.4667	Before	Interior Girder 4	11.4667	0.95	1	1	2.818162
HL93_serv_inv	BOBJ1	4	11.4667	Before	Interior Girder 5	11.4667	0.95	1	1	2.971013
HL93_serv_inv	BOBJ1	4	11.4667	Before	Interior Girder 6	11.4667	0.95	1	1	3.138001
HL93_serv_inv	BOBJ1	4	11.4667	Before	Right Exterior Girder	11.4667	0.95	1	1	4.249371
HL93_serv_inv	BOBJ1	5	11.4667	After	Left Exterior Girder	11.4667	0.95	1	1	4.284748
HL93_serv_inv	BOBJ1	5	11.4667	After	Interior Girder 1	11.4667	0.95	1	1	3.119448
HL93_serv_inv	BOBJ1	5	11.4667	After	Interior Girder 2	11.4667	0.95	1	1	3.002244
HL93_serv_inv	BOBJ1	5	11.4667	After	Interior Girder 3	11.4667	0.95	1	1	2.883554
HL93_serv_inv	BOBJ1	5	11.4667	After	Interior Girder 4	11.4667	0.95	1	1	2.883554
HL93_serv_inv	BOBJ1	5	11.4667	After	Interior Girder 5	11.4667	0.95	1	1	3.002244
HL93_serv_inv	BOBJ1	5	11.4667	After	Interior Girder 6	11.4667	0.95	1	1	3.119448
HL93_serv_inv	BOBJ1	5	11.4667	After	Right Exterior Girder	11.4667	0.95	1	1	4.284748
HL93_serv_inv	BOBJ1	6	17.0833	Before	Left Exterior Girder	17.0833	0.95	1	1	3.240303
HL93_serv_inv	BOBJ1	6	17.0833	Before	Interior Girder 1	17.0833	0.95	1	1	2.547855
HL93_serv_inv	BOBJ1	6	17.0833	Before	Interior Girder 2	17.0833	0.95	1	1	2.432568

TABLE: Bridge Super Rating AASHTORATE18 31 - SteelICompServ-Flx - Approach, Span 12-15										
Request	BridgeObj	BridgeCut	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	Unitless	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
HL93_serv_inv	BOBJ1	6	17.0833	Before	Interior Girder 3	17.0833	0.95	1	1	2.359502
HL93_serv_inv	BOBJ1	6	17.0833	Before	Interior Girder 4	17.0833	0.95	1	1	2.359502
HL93_serv_inv	BOBJ1	6	17.0833	Before	Interior Girder 5	17.0833	0.95	1	1	2.432568
HL93_serv_inv	BOBJ1	6	17.0833	Before	Interior Girder 6	17.0833	0.95	1	1	2.547855
HL93_serv_inv	BOBJ1	6	17.0833	Before	Right Exterior Girder	17.0833	0.95	1	1	3.240303
HL93_serv_inv	BOBJ1	7	17.0833	After	Left Exterior Girder	17.0833	0.95	1	1	3.229889
HL93_serv_inv	BOBJ1	7	17.0833	After	Interior Girder 1	17.0833	0.95	1	1	2.556113
HL93_serv_inv	BOBJ1	7	17.0833	After	Interior Girder 2	17.0833	0.95	1	1	2.46099
HL93_serv_inv	BOBJ1	7	17.0833	After	Interior Girder 3	17.0833	0.95	1	1	2.399065
HL93_serv_inv	BOBJ1	7	17.0833	After	Interior Girder 4	17.0833	0.95	1	1	2.399065
HL93_serv_inv	BOBJ1	7	17.0833	After	Interior Girder 5	17.0833	0.95	1	1	2.46099
HL93_serv_inv	BOBJ1	7	17.0833	After	Interior Girder 6	17.0833	0.95	1	1	2.556113
HL93_serv_inv	BOBJ1	7	17.0833	After	Right Exterior Girder	17.0833	0.95	1	1	3.229889
HL93_serv_inv	BOBJ1	8	22.7	Before	Left Exterior Girder	22.7	0.95	1	1	2.832332
HL93_serv_inv	BOBJ1	8	22.7	Before	Interior Girder 1	22.7	0.95	1	1	2.449081
HL93_serv_inv	BOBJ1	8	22.7	Before	Interior Girder 2	22.7	0.95	1	1	2.33926
HL93_serv_inv	BOBJ1	8	22.7	Before	Interior Girder 3	22.7	0.95	1	1	2.303094
HL93_serv_inv	BOBJ1	8	22.7	Before	Interior Girder 4	22.7	0.95	1	1	2.303094
HL93_serv_inv	BOBJ1	8	22.7	Before	Interior Girder 5	22.7	0.95	1	1	2.33926
HL93_serv_inv	BOBJ1	8	22.7	Before	Interior Girder 6	22.7	0.95	1	1	2.449081
HL93_serv_inv	BOBJ1	8	22.7	Before	Right Exterior Girder	22.7	0.95	1	1	2.832332
HL93_serv_inv	BOBJ1	9	22.7	After	Left Exterior Girder	22.7	0.95	1	1	2.842175
HL93_serv_inv	BOBJ1	9	22.7	After	Interior Girder 1	22.7	0.95	1	1	2.444326
HL93_serv_inv	BOBJ1	9	22.7	After	Interior Girder 2	22.7	0.95	1	1	2.343171
HL93_serv_inv	BOBJ1	9	22.7	After	Interior Girder 3	22.7	0.95	1	1	2.312644
HL93_serv_inv	BOBJ1	9	22.7	After	Interior Girder 4	22.7	0.95	1	1	2.312644
HL93_serv_inv	BOBJ1	9	22.7	After	Interior Girder 5	22.7	0.95	1	1	2.343171
HL93_serv_inv	BOBJ1	9	22.7	After	Interior Girder 6	22.7	0.95	1	1	2.444326
HL93_serv_inv	BOBJ1	9	22.7	After	Right Exterior Girder	22.7	0.95	1	1	2.842175
HL93_serv_inv	BOBJ1	10	28.3167	Before	Left Exterior Girder	28.3167	0.95	1	1	3.069532
HL93_serv_inv	BOBJ1	10	28.3167	Before	Interior Girder 1	28.3167	0.95	1	1	2.471095
HL93_serv_inv	BOBJ1	10	28.3167	Before	Interior Girder 2	28.3167	0.95	1	1	2.369247
HL93_serv_inv	BOBJ1	10	28.3167	Before	Interior Girder 3	28.3167	0.95	1	1	2.330325
HL93_serv_inv	BOBJ1	10	28.3167	Before	Interior Girder 4	28.3167	0.95	1	1	2.330325
HL93_serv_inv	BOBJ1	10	28.3167	Before	Interior Girder 5	28.3167	0.95	1	1	2.369247
HL93_serv_inv	BOBJ1	10	28.3167	Before	Interior Girder 6	28.3167	0.95	1	1	2.471095
HL93_serv_inv	BOBJ1	10	28.3167	Before	Right Exterior Girder	28.3167	0.95	1	1	3.069532
HL93_serv_inv	BOBJ1	11	28.3167	After	Left Exterior Girder	28.3167	0.95	1	1	3.086853
HL93_serv_inv	BOBJ1	11	28.3167	After	Interior Girder 1	28.3167	0.95	1	1	2.455563
HL93_serv_inv	BOBJ1	11	28.3167	After	Interior Girder 2	28.3167	0.95	1	1	2.352981
HL93_serv_inv	BOBJ1	11	28.3167	After	Interior Girder 3	28.3167	0.95	1	1	2.304643
HL93_serv_inv	BOBJ1	11	28.3167	After	Interior Girder 4	28.3167	0.95	1	1	2.304643
HL93_serv_inv	BOBJ1	11	28.3167	After	Interior Girder 5	28.3167	0.95	1	1	2.352981
HL93_serv_inv	BOBJ1	11	28.3167	After	Interior Girder 6	28.3167	0.95	1	1	2.455563
HL93_serv_inv	BOBJ1	11	28.3167	After	Right Exterior Girder	28.3167	0.95	1	1	3.086853
HL93_serv_inv	BOBJ1	12	33.9333	Before	Left Exterior Girder	33.9333	0.95	1	1	3.665094
HL93_serv_inv	BOBJ1	12	33.9333	Before	Interior Girder 1	33.9333	0.95	1	1	2.821042
HL93_serv_inv	BOBJ1	12	33.9333	Before	Interior Girder 2	33.9333	0.95	1	1	2.700887
HL93_serv_inv	BOBJ1	12	33.9333	Before	Interior Girder 3	33.9333	0.95	1	1	2.667963
HL93_serv_inv	BOBJ1	12	33.9333	Before	Interior Girder 4	33.9333	0.95	1	1	2.667963
HL93_serv_inv	BOBJ1	12	33.9333	Before	Interior Girder 5	33.9333	0.95	1	1	2.700887
HL93_serv_inv	BOBJ1	12	33.9333	Before	Interior Girder 6	33.9333	0.95	1	1	2.821042
HL93_serv_inv	BOBJ1	12	33.9333	Before	Right Exterior Girder	33.9333	0.95	1	1	3.665094
HL93_serv_inv	BOBJ1	13	33.9333	After	Left Exterior Girder	33.9333	0.95	1	1	3.62626
HL93_serv_inv	BOBJ1	13	33.9333	After	Interior Girder 1	33.9333	0.95	1	1	2.836239
HL93_serv_inv	BOBJ1	13	33.9333	After	Interior Girder 2	33.9333	0.95	1	1	2.698579
HL93_serv_inv	BOBJ1	13	33.9333	After	Interior Girder 3	33.9333	0.95	1	1	2.642029
HL93_serv_inv	BOBJ1	13	33.9333	After	Interior Girder 4	33.9333	0.95	1	1	2.642029
HL93_serv_inv	BOBJ1	13	33.9333	After	Interior Girder 5	33.9333	0.95	1	1	2.698579
HL93_serv_inv	BOBJ1	13	33.9333	After	Interior Girder 6	33.9333	0.95	1	1	2.836239
HL93_serv_inv	BOBJ1	13	33.9333	After	Right Exterior Girder	33.9333	0.95	1	1	3.62626
HL93_serv_inv	BOBJ1	14	39.55	Before	Left Exterior Girder	39.55	0.95	1	1	4.886003
HL93_serv_inv	BOBJ1	14	39.55	Before	Interior Girder 1	39.55	0.95	1	1	3.969397
HL93_serv_inv	BOBJ1	14	39.55	Before	Interior Girder 2	39.55	0.95	1	1	3.705363
HL93_serv_inv	BOBJ1	14	39.55	Before	Interior Girder 3	39.55	0.95	1	1	3.685676
HL93_serv_inv	BOBJ1	14	39.55	Before	Interior Girder 4	39.55	0.95	1	1	3.685676
HL93_serv_inv	BOBJ1	14	39.55	Before	Interior Girder 5	39.55	0.95	1	1	3.705363
HL93_serv_inv	BOBJ1	14	39.55	Before	Interior Girder 6	39.55	0.95	1	1	3.969397
HL93_serv_inv	BOBJ1	14	39.55	Before	Right Exterior Girder	39.55	0.95	1	1	4.886003
HL93_serv_inv	BOBJ1	15	39.55	After	Left Exterior Girder	39.55	0.95	1	1	4.894433
HL93_serv_inv	BOBJ1	15	39.55	After	Interior Girder 1	39.55	0.95	1	1	3.968996
HL93_serv_inv	BOBJ1	15	39.55	After	Interior Girder 2	39.55	0.95	1	1	3.680937
HL93_serv_inv	BOBJ1	15	39.55	After	Interior Girder 3	39.55	0.95	1	1	3.619361

TABLE: Bridge Super Rating AASHTORATE18 31 - SteelICompServ-Flx - Approach, Span 12-15										
Request	BridgeObj	BridgeCut	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	Unitless	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
HL93_serv_inv	BOBJ1	15	39.55	After	Interior Girder 4	39.55	0.95	1	1	3.619361
HL93_serv_inv	BOBJ1	15	39.55	After	Interior Girder 5	39.55	0.95	1	1	3.680937
HL93_serv_inv	BOBJ1	15	39.55	After	Interior Girder 6	39.55	0.95	1	1	3.968996
HL93_serv_inv	BOBJ1	15	39.55	After	Right Exterior Girder	39.55	0.95	1	1	4.894433
HL93_serv_inv	BOBJ1	16	45.1733	Before	Left Exterior Girder	45.1226	0.95	1	1	3.972915
HL93_serv_inv	BOBJ1	16	45.1733	Before	Interior Girder 1	45.1226	0.95	1	1	3.966414
HL93_serv_inv	BOBJ1	16	45.1733	Before	Interior Girder 2	45.1226	0.95	1	1	3.79343
HL93_serv_inv	BOBJ1	16	45.1733	Before	Interior Girder 3	45.1226	0.95	1	1	3.886803
HL93_serv_inv	BOBJ1	16	45.1733	Before	Interior Girder 4	45.1226	0.95	1	1	3.886803
HL93_serv_inv	BOBJ1	16	45.1733	Before	Interior Girder 5	45.1226	0.95	1	1	3.79343
HL93_serv_inv	BOBJ1	16	45.1733	Before	Interior Girder 6	45.1226	0.95	1	1	3.966414
HL93_serv_inv	BOBJ1	16	45.1733	Before	Right Exterior Girder	45.1226	0.95	1	1	3.972915
HL93_serv_inv	BOBJ1	17	45.1733	After	Left Exterior Girder	45.1226	0.95	1	1	3.19492
HL93_serv_inv	BOBJ1	17	45.1733	After	Interior Girder 1	45.1226	0.95	1	1	3.18167
HL93_serv_inv	BOBJ1	17	45.1733	After	Interior Girder 2	45.1226	0.95	1	1	3.033515
HL93_serv_inv	BOBJ1	17	45.1733	After	Interior Girder 3	45.1226	0.95	1	1	3.109836
HL93_serv_inv	BOBJ1	17	45.1733	After	Interior Girder 4	45.1226	0.95	1	1	3.109836
HL93_serv_inv	BOBJ1	17	45.1733	After	Interior Girder 5	45.1226	0.95	1	1	3.033515
HL93_serv_inv	BOBJ1	17	45.1733	After	Interior Girder 6	45.1226	0.95	1	1	3.18167
HL93_serv_inv	BOBJ1	17	45.1733	After	Right Exterior Girder	45.1226	0.95	1	1	3.19492
HL93_serv_inv	BOBJ1	18	49.2561	Before	Left Exterior Girder	49.2561	0.95	1	1	2.416109
HL93_serv_inv	BOBJ1	18	49.2561	Before	Right Exterior Girder	49.2561	0.95	1	1	2.416109
HL93_serv_inv	BOBJ1	19	49.2561	After	Left Exterior Girder	49.2561	0.95	1	1	2.447045
HL93_serv_inv	BOBJ1	19	49.2561	After	Right Exterior Girder	49.2561	0.95	1	1	2.447045
HL93_serv_inv	BOBJ1	20	50.7967	Before	Left Exterior Girder	50.7967	0.95	1	1	4.836799
HL93_serv_inv	BOBJ1	20	50.7967	Before	Interior Girder 1	50.7967	0.95	1	1	2.291241
HL93_serv_inv	BOBJ1	20	50.7967	Before	Interior Girder 2	50.7967	0.95	1	1	2.181542
HL93_serv_inv	BOBJ1	20	50.7967	Before	Interior Girder 3	50.7967	0.95	1	1	2.085502
HL93_serv_inv	BOBJ1	20	50.7967	Before	Interior Girder 4	50.7967	0.95	1	1	2.085502
HL93_serv_inv	BOBJ1	20	50.7967	Before	Interior Girder 5	50.7967	0.95	1	1	2.181542
HL93_serv_inv	BOBJ1	20	50.7967	Before	Interior Girder 6	50.7967	0.95	1	1	2.291241
HL93_serv_inv	BOBJ1	20	50.7967	Before	Right Exterior Girder	50.7967	0.95	1	1	4.836799
HL93_serv_inv	BOBJ1	21	50.7967	After	Left Exterior Girder	50.7967	0.95	1	1	4.805329
HL93_serv_inv	BOBJ1	21	50.7967	After	Interior Girder 1	50.7967	0.95	1	1	2.289444
HL93_serv_inv	BOBJ1	21	50.7967	After	Interior Girder 2	50.7967	0.95	1	1	2.173133
HL93_serv_inv	BOBJ1	21	50.7967	After	Interior Girder 3	50.7967	0.95	1	1	2.085352
HL93_serv_inv	BOBJ1	21	50.7967	After	Interior Girder 4	50.7967	0.95	1	1	2.085352
HL93_serv_inv	BOBJ1	21	50.7967	After	Interior Girder 5	50.7967	0.95	1	1	2.173133
HL93_serv_inv	BOBJ1	21	50.7967	After	Interior Girder 6	50.7967	0.95	1	1	2.289444
HL93_serv_inv	BOBJ1	21	50.7967	After	Right Exterior Girder	50.7967	0.95	1	1	4.805329
HL93_serv_inv	BOBJ1	22	51.3989	Before	Interior Girder 1	51.3989	0.95	1	1	2.179782
HL93_serv_inv	BOBJ1	22	51.3989	Before	Interior Girder 2	51.3989	0.95	1	1	2.084495
HL93_serv_inv	BOBJ1	22	51.3989	Before	Interior Girder 3	51.3989	0.95	1	1	1.982755
HL93_serv_inv	BOBJ1	22	51.3989	Before	Interior Girder 4	51.3989	0.95	1	1	1.982755
HL93_serv_inv	BOBJ1	22	51.3989	Before	Interior Girder 5	51.3989	0.95	1	1	2.084495
HL93_serv_inv	BOBJ1	22	51.3989	Before	Interior Girder 6	51.3989	0.95	1	1	2.179782
HL93_serv_inv	BOBJ1	23	51.3989	After	Interior Girder 1	51.3989	0.95	1	1	3.224504
HL93_serv_inv	BOBJ1	23	51.3989	After	Interior Girder 2	51.3989	0.95	1	1	3.062961
HL93_serv_inv	BOBJ1	23	51.3989	After	Interior Girder 3	51.3989	0.95	1	1	2.941021
HL93_serv_inv	BOBJ1	23	51.3989	After	Interior Girder 4	51.3989	0.95	1	1	2.941021
HL93_serv_inv	BOBJ1	23	51.3989	After	Interior Girder 5	51.3989	0.95	1	1	3.062961
HL93_serv_inv	BOBJ1	23	51.3989	After	Interior Girder 6	51.3989	0.95	1	1	3.224504
HL93_serv_inv	BOBJ1	24	56.42	Before	Left Exterior Girder	56.42	0.95	1	1	3.416508
HL93_serv_inv	BOBJ1	24	56.42	Before	Interior Girder 1	56.42	0.95	1	1	2.214957
HL93_serv_inv	BOBJ1	24	56.42	Before	Interior Girder 2	56.42	0.95	1	1	2.113201
HL93_serv_inv	BOBJ1	24	56.42	Before	Interior Girder 3	56.42	0.95	1	1	1.831852
HL93_serv_inv	BOBJ1	24	56.42	Before	Interior Girder 4	56.42	0.95	1	1	1.831852
HL93_serv_inv	BOBJ1	24	56.42	Before	Interior Girder 5	56.42	0.95	1	1	2.113201
HL93_serv_inv	BOBJ1	24	56.42	Before	Interior Girder 6	56.42	0.95	1	1	2.214957
HL93_serv_inv	BOBJ1	24	56.42	Before	Right Exterior Girder	56.42	0.95	1	1	3.416508
HL93_serv_inv	BOBJ1	25	56.42	After	Left Exterior Girder	0	0.95	1	1	3.465418
HL93_serv_inv	BOBJ1	25	56.42	After	Interior Girder 1	0	0.95	1	1	2.100778
HL93_serv_inv	BOBJ1	25	56.42	After	Interior Girder 2	0	0.95	1	1	2.021033
HL93_serv_inv	BOBJ1	25	56.42	After	Interior Girder 3	0	0.95	1	1	1.754444
HL93_serv_inv	BOBJ1	25	56.42	After	Interior Girder 4	0	0.95	1	1	1.754444
HL93_serv_inv	BOBJ1	25	56.42	After	Interior Girder 5	0	0.95	1	1	2.021033
HL93_serv_inv	BOBJ1	25	56.42	After	Interior Girder 6	0	0.95	1	1	2.100778
HL93_serv_inv	BOBJ1	25	56.42	After	Right Exterior Girder	0	0.95	1	1	3.465418
HL93_serv_inv	BOBJ1	26	62.0367	Before	Left Exterior Girder	5.6167	0.95	1	1	5.943869
HL93_serv_inv	BOBJ1	26	62.0367	Before	Interior Girder 1	5.6167	0.95	1	1	3.902041
HL93_serv_inv	BOBJ1	26	62.0367	Before	Interior Girder 2	5.6167	0.95	1	1	3.65285
HL93_serv_inv	BOBJ1	26	62.0367	Before	Interior Girder 3	5.6167	0.95	1	1	3.439071
HL93_serv_inv	BOBJ1	26	62.0367	Before	Interior Girder 4	5.6167	0.95	1	1	3.439071

TABLE: Bridge Super Rating AASHTORATE18 31 - SteelICompServ-Flx - Approach, Span 12-15										
Request	BridgeObj	BridgeCut	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	Unitless	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
HL93_serv_inv	BOBJ1	26	62.0367	Before	Interior Girder 5	5.6167	0.95	1	1	3.65285
HL93_serv_inv	BOBJ1	26	62.0367	Before	Interior Girder 6	5.6167	0.95	1	1	3.902041
HL93_serv_inv	BOBJ1	26	62.0367	Before	Right Exterior Girder	5.6167	0.95	1	1	5.943869
HL93_serv_inv	BOBJ1	27	62.0367	After	Left Exterior Girder	5.6167	0.95	1	1	5.853896
HL93_serv_inv	BOBJ1	27	62.0367	After	Interior Girder 1	5.6167	0.95	1	1	3.973941
HL93_serv_inv	BOBJ1	27	62.0367	After	Interior Girder 2	5.6167	0.95	1	1	3.701867
HL93_serv_inv	BOBJ1	27	62.0367	After	Interior Girder 3	5.6167	0.95	1	1	3.48278
HL93_serv_inv	BOBJ1	27	62.0367	After	Interior Girder 4	5.6167	0.95	1	1	3.48278
HL93_serv_inv	BOBJ1	27	62.0367	After	Interior Girder 5	5.6167	0.95	1	1	3.701867
HL93_serv_inv	BOBJ1	27	62.0367	After	Interior Girder 6	5.6167	0.95	1	1	3.973941
HL93_serv_inv	BOBJ1	27	62.0367	After	Right Exterior Girder	5.6167	0.95	1	1	5.853896
HL93_serv_inv	BOBJ1	28	62.4203	Before	Interior Girder 1	6.0003	0.95	1	1	4.087465
HL93_serv_inv	BOBJ1	28	62.4203	Before	Interior Girder 2	6.0003	0.95	1	1	3.794613
HL93_serv_inv	BOBJ1	28	62.4203	Before	Interior Girder 3	6.0003	0.95	1	1	3.587243
HL93_serv_inv	BOBJ1	28	62.4203	Before	Interior Girder 4	6.0003	0.95	1	1	3.587243
HL93_serv_inv	BOBJ1	28	62.4203	Before	Interior Girder 5	6.0003	0.95	1	1	3.794613
HL93_serv_inv	BOBJ1	28	62.4203	Before	Interior Girder 6	6.0003	0.95	1	1	4.087465
HL93_serv_inv	BOBJ1	29	62.4203	After	Interior Girder 1	6.0003	0.95	1	1	2.761375
HL93_serv_inv	BOBJ1	29	62.4203	After	Interior Girder 2	6.0003	0.95	1	1	2.58836
HL93_serv_inv	BOBJ1	29	62.4203	After	Interior Girder 3	6.0003	0.95	1	1	2.418687
HL93_serv_inv	BOBJ1	29	62.4203	After	Interior Girder 4	6.0003	0.95	1	1	2.418687
HL93_serv_inv	BOBJ1	29	62.4203	After	Interior Girder 5	6.0003	0.95	1	1	2.58836
HL93_serv_inv	BOBJ1	29	62.4203	After	Interior Girder 6	6.0003	0.95	1	1	2.761375
HL93_serv_inv	BOBJ1	30	64.9204	Before	Left Exterior Girder	8.5004	0.95	1	1	6.988174
HL93_serv_inv	BOBJ1	30	64.9204	Before	Right Exterior Girder	8.5004	0.95	1	1	6.988174
HL93_serv_inv	BOBJ1	31	64.9204	After	Left Exterior Girder	8.5004	0.95	1	1	3.321429
HL93_serv_inv	BOBJ1	31	64.9204	After	Right Exterior Girder	8.5004	0.95	1	1	3.321429
HL93_serv_inv	BOBJ1	32	67.6533	Before	Left Exterior Girder	11.2333	0.95	1	1	4.089858
HL93_serv_inv	BOBJ1	32	67.6533	Before	Interior Girder 1	11.2333	0.95	1	1	3.904347
HL93_serv_inv	BOBJ1	32	67.6533	Before	Interior Girder 2	11.2333	0.95	1	1	3.669203
HL93_serv_inv	BOBJ1	32	67.6533	Before	Interior Girder 3	11.2333	0.95	1	1	3.666753
HL93_serv_inv	BOBJ1	32	67.6533	Before	Interior Girder 4	11.2333	0.95	1	1	3.666753
HL93_serv_inv	BOBJ1	32	67.6533	Before	Interior Girder 5	11.2333	0.95	1	1	3.669203
HL93_serv_inv	BOBJ1	32	67.6533	Before	Interior Girder 6	11.2333	0.95	1	1	3.904347
HL93_serv_inv	BOBJ1	32	67.6533	Before	Right Exterior Girder	11.2333	0.95	1	1	4.089858
HL93_serv_inv	BOBJ1	33	67.6533	After	Left Exterior Girder	11.2333	0.95	1	1	4.046982
HL93_serv_inv	BOBJ1	33	67.6533	After	Interior Girder 1	11.2333	0.95	1	1	3.928779
HL93_serv_inv	BOBJ1	33	67.6533	After	Interior Girder 2	11.2333	0.95	1	1	3.703411
HL93_serv_inv	BOBJ1	33	67.6533	After	Interior Girder 3	11.2333	0.95	1	1	3.681741
HL93_serv_inv	BOBJ1	33	67.6533	After	Interior Girder 4	11.2333	0.95	1	1	3.681741
HL93_serv_inv	BOBJ1	33	67.6533	After	Interior Girder 5	11.2333	0.95	1	1	3.703411
HL93_serv_inv	BOBJ1	33	67.6533	After	Interior Girder 6	11.2333	0.95	1	1	3.928779
HL93_serv_inv	BOBJ1	33	67.6533	After	Right Exterior Girder	11.2333	0.95	1	1	4.046982
HL93_serv_inv	BOBJ1	34	73.27	Before	Left Exterior Girder	16.85	0.95	1	1	5.137055
HL93_serv_inv	BOBJ1	34	73.27	Before	Interior Girder 1	16.85	0.95	1	1	4.138773
HL93_serv_inv	BOBJ1	34	73.27	Before	Interior Girder 2	16.85	0.95	1	1	3.779661
HL93_serv_inv	BOBJ1	34	73.27	Before	Interior Girder 3	16.85	0.95	1	1	3.673044
HL93_serv_inv	BOBJ1	34	73.27	Before	Interior Girder 4	16.85	0.95	1	1	3.673044
HL93_serv_inv	BOBJ1	34	73.27	Before	Interior Girder 5	16.85	0.95	1	1	3.779661
HL93_serv_inv	BOBJ1	34	73.27	Before	Interior Girder 6	16.85	0.95	1	1	4.138773
HL93_serv_inv	BOBJ1	34	73.27	Before	Right Exterior Girder	16.85	0.95	1	1	5.137055
HL93_serv_inv	BOBJ1	35	73.27	After	Left Exterior Girder	16.85	0.95	1	1	5.215382
HL93_serv_inv	BOBJ1	35	73.27	After	Interior Girder 1	16.85	0.95	1	1	4.103369
HL93_serv_inv	BOBJ1	35	73.27	After	Interior Girder 2	16.85	0.95	1	1	3.78563
HL93_serv_inv	BOBJ1	35	73.27	After	Interior Girder 3	16.85	0.95	1	1	3.725032
HL93_serv_inv	BOBJ1	35	73.27	After	Interior Girder 4	16.85	0.95	1	1	3.725032
HL93_serv_inv	BOBJ1	35	73.27	After	Interior Girder 5	16.85	0.95	1	1	3.78563
HL93_serv_inv	BOBJ1	35	73.27	After	Interior Girder 6	16.85	0.95	1	1	4.103369
HL93_serv_inv	BOBJ1	35	73.27	After	Right Exterior Girder	16.85	0.95	1	1	5.215382
HL93_serv_inv	BOBJ1	36	78.8867	Before	Left Exterior Girder	22.4667	0.95	1	1	3.495039
HL93_serv_inv	BOBJ1	36	78.8867	Before	Interior Girder 1	22.4667	0.95	1	1	2.769176
HL93_serv_inv	BOBJ1	36	78.8867	Before	Interior Girder 2	22.4667	0.95	1	1	2.621916
HL93_serv_inv	BOBJ1	36	78.8867	Before	Interior Girder 3	22.4667	0.95	1	1	2.549111
HL93_serv_inv	BOBJ1	36	78.8867	Before	Interior Girder 4	22.4667	0.95	1	1	2.549111
HL93_serv_inv	BOBJ1	36	78.8867	Before	Interior Girder 5	22.4667	0.95	1	1	2.621916
HL93_serv_inv	BOBJ1	36	78.8867	Before	Interior Girder 6	22.4667	0.95	1	1	2.769176
HL93_serv_inv	BOBJ1	36	78.8867	Before	Right Exterior Girder	22.4667	0.95	1	1	3.495039
HL93_serv_inv	BOBJ1	37	78.8867	After	Left Exterior Girder	22.4667	0.95	1	1	3.551446
HL93_serv_inv	BOBJ1	37	78.8867	After	Interior Girder 1	22.4667	0.95	1	1	2.745301
HL93_serv_inv	BOBJ1	37	78.8867	After	Interior Girder 2	22.4667	0.95	1	1	2.619202
HL93_serv_inv	BOBJ1	37	78.8867	After	Interior Girder 3	22.4667	0.95	1	1	2.575337
HL93_serv_inv	BOBJ1	37	78.8867	After	Interior Girder 4	22.4667	0.95	1	1	2.575337
HL93_serv_inv	BOBJ1	37	78.8867	After	Interior Girder 5	22.4667	0.95	1	1	2.619202

TABLE: Bridge Super Rating AASHTORATE18 31 - SteelICompServ-Flx - Approach, Span 12-15										
Request	BridgeObj	BridgeCut	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	Unitless	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
HL93_serv_inv	BOBJ1	37	78.8867	After	Interior Girder 6	22.4667	0.95	1	1	2.745301
HL93_serv_inv	BOBJ1	37	78.8867	After	Right Exterior Girder	22.4667	0.95	1	1	3.551446
HL93_serv_inv	BOBJ1	38	84.5033	Before	Left Exterior Girder	28.0833	0.95	1	1	2.782368
HL93_serv_inv	BOBJ1	38	84.5033	Before	Interior Girder 1	28.0833	0.95	1	1	2.307913
HL93_serv_inv	BOBJ1	38	84.5033	Before	Interior Girder 2	28.0833	0.95	1	1	2.207857
HL93_serv_inv	BOBJ1	38	84.5033	Before	Interior Girder 3	28.0833	0.95	1	1	2.167593
HL93_serv_inv	BOBJ1	38	84.5033	Before	Interior Girder 4	28.0833	0.95	1	1	2.167593
HL93_serv_inv	BOBJ1	38	84.5033	Before	Interior Girder 5	28.0833	0.95	1	1	2.207857
HL93_serv_inv	BOBJ1	38	84.5033	Before	Interior Girder 6	28.0833	0.95	1	1	2.307913
HL93_serv_inv	BOBJ1	38	84.5033	Before	Right Exterior Girder	28.0833	0.95	1	1	2.782368
HL93_serv_inv	BOBJ1	39	84.5033	After	Left Exterior Girder	28.0833	0.95	1	1	2.778382
HL93_serv_inv	BOBJ1	39	84.5033	After	Interior Girder 1	28.0833	0.95	1	1	2.317043
HL93_serv_inv	BOBJ1	39	84.5033	After	Interior Girder 2	28.0833	0.95	1	1	2.222095
HL93_serv_inv	BOBJ1	39	84.5033	After	Interior Girder 3	28.0833	0.95	1	1	2.19272
HL93_serv_inv	BOBJ1	39	84.5033	After	Interior Girder 4	28.0833	0.95	1	1	2.19272
HL93_serv_inv	BOBJ1	39	84.5033	After	Interior Girder 5	28.0833	0.95	1	1	2.222095
HL93_serv_inv	BOBJ1	39	84.5033	After	Interior Girder 6	28.0833	0.95	1	1	2.317043
HL93_serv_inv	BOBJ1	39	84.5033	After	Right Exterior Girder	28.0833	0.95	1	1	2.778382
HL93_serv_inv	BOBJ1	40	90.12	Before	Left Exterior Girder	33.7	0.95	1	1	2.48779
HL93_serv_inv	BOBJ1	40	90.12	Before	Interior Girder 1	33.7	0.95	1	1	2.280934
HL93_serv_inv	BOBJ1	40	90.12	Before	Interior Girder 2	33.7	0.95	1	1	2.177232
HL93_serv_inv	BOBJ1	40	90.12	Before	Interior Girder 3	33.7	0.95	1	1	2.151983
HL93_serv_inv	BOBJ1	40	90.12	Before	Interior Girder 4	33.7	0.95	1	1	2.151983
HL93_serv_inv	BOBJ1	40	90.12	Before	Interior Girder 5	33.7	0.95	1	1	2.177232
HL93_serv_inv	BOBJ1	40	90.12	Before	Interior Girder 6	33.7	0.95	1	1	2.280934
HL93_serv_inv	BOBJ1	40	90.12	Before	Right Exterior Girder	33.7	0.95	1	1	2.48779
HL93_serv_inv	BOBJ1	41	90.12	After	Left Exterior Girder	33.7	0.95	1	1	2.495172
HL93_serv_inv	BOBJ1	41	90.12	After	Interior Girder 1	33.7	0.95	1	1	2.274966
HL93_serv_inv	BOBJ1	41	90.12	After	Interior Girder 2	33.7	0.95	1	1	2.174524
HL93_serv_inv	BOBJ1	41	90.12	After	Interior Girder 3	33.7	0.95	1	1	2.149179
HL93_serv_inv	BOBJ1	41	90.12	After	Interior Girder 4	33.7	0.95	1	1	2.149179
HL93_serv_inv	BOBJ1	41	90.12	After	Interior Girder 5	33.7	0.95	1	1	2.174524
HL93_serv_inv	BOBJ1	41	90.12	After	Interior Girder 6	33.7	0.95	1	1	2.274966
HL93_serv_inv	BOBJ1	41	90.12	After	Right Exterior Girder	33.7	0.95	1	1	2.495172
HL93_serv_inv	BOBJ1	42	95.7367	Before	Left Exterior Girder	39.3167	0.95	1	1	2.735231
HL93_serv_inv	BOBJ1	42	95.7367	Before	Interior Girder 1	39.3167	0.95	1	1	2.290108
HL93_serv_inv	BOBJ1	42	95.7367	Before	Interior Girder 2	39.3167	0.95	1	1	2.197571
HL93_serv_inv	BOBJ1	42	95.7367	Before	Interior Girder 3	39.3167	0.95	1	1	2.170986
HL93_serv_inv	BOBJ1	42	95.7367	Before	Interior Girder 4	39.3167	0.95	1	1	2.170986
HL93_serv_inv	BOBJ1	42	95.7367	Before	Interior Girder 5	39.3167	0.95	1	1	2.197571
HL93_serv_inv	BOBJ1	42	95.7367	Before	Interior Girder 6	39.3167	0.95	1	1	2.290108
HL93_serv_inv	BOBJ1	42	95.7367	Before	Right Exterior Girder	39.3167	0.95	1	1	2.735231
HL93_serv_inv	BOBJ1	43	95.7367	After	Left Exterior Girder	39.3167	0.95	1	1	2.741302
HL93_serv_inv	BOBJ1	43	95.7367	After	Interior Girder 1	39.3167	0.95	1	1	2.279676
HL93_serv_inv	BOBJ1	43	95.7367	After	Interior Girder 2	39.3167	0.95	1	1	2.183722
HL93_serv_inv	BOBJ1	43	95.7367	After	Interior Girder 3	39.3167	0.95	1	1	2.147332
HL93_serv_inv	BOBJ1	43	95.7367	After	Interior Girder 4	39.3167	0.95	1	1	2.147332
HL93_serv_inv	BOBJ1	43	95.7367	After	Interior Girder 5	39.3167	0.95	1	1	2.183722
HL93_serv_inv	BOBJ1	43	95.7367	After	Interior Girder 6	39.3167	0.95	1	1	2.279676
HL93_serv_inv	BOBJ1	43	95.7367	After	Right Exterior Girder	39.3167	0.95	1	1	2.741302
HL93_serv_inv	BOBJ1	44	101.3533	Before	Left Exterior Girder	44.9333	0.95	1	1	3.409368
HL93_serv_inv	BOBJ1	44	101.3533	Before	Interior Girder 1	44.9333	0.95	1	1	2.679292
HL93_serv_inv	BOBJ1	44	101.3533	Before	Interior Girder 2	44.9333	0.95	1	1	2.558153
HL93_serv_inv	BOBJ1	44	101.3533	Before	Interior Girder 3	44.9333	0.95	1	1	2.524764
HL93_serv_inv	BOBJ1	44	101.3533	Before	Interior Girder 4	44.9333	0.95	1	1	2.524764
HL93_serv_inv	BOBJ1	44	101.3533	Before	Interior Girder 5	44.9333	0.95	1	1	2.558153
HL93_serv_inv	BOBJ1	44	101.3533	Before	Interior Girder 6	44.9333	0.95	1	1	2.679292
HL93_serv_inv	BOBJ1	44	101.3533	Before	Right Exterior Girder	44.9333	0.95	1	1	3.409368
HL93_serv_inv	BOBJ1	45	101.3533	After	Left Exterior Girder	44.9333	0.95	1	1	3.359329
HL93_serv_inv	BOBJ1	45	101.3533	After	Interior Girder 1	44.9333	0.95	1	1	2.700701
HL93_serv_inv	BOBJ1	45	101.3533	After	Interior Girder 2	44.9333	0.95	1	1	2.561853
HL93_serv_inv	BOBJ1	45	101.3533	After	Interior Girder 3	44.9333	0.95	1	1	2.501206
HL93_serv_inv	BOBJ1	45	101.3533	After	Interior Girder 4	44.9333	0.95	1	1	2.501206
HL93_serv_inv	BOBJ1	45	101.3533	After	Interior Girder 5	44.9333	0.95	1	1	2.561853
HL93_serv_inv	BOBJ1	45	101.3533	After	Interior Girder 6	44.9333	0.95	1	1	2.700701
HL93_serv_inv	BOBJ1	45	101.3533	After	Right Exterior Girder	44.9333	0.95	1	1	3.359329
HL93_serv_inv	BOBJ1	46	106.97	Before	Left Exterior Girder	50.55	0.95	1	1	4.396565
HL93_serv_inv	BOBJ1	46	106.97	Before	Interior Girder 1	50.55	0.95	1	1	3.918078
HL93_serv_inv	BOBJ1	46	106.97	Before	Interior Girder 2	50.55	0.95	1	1	3.619847
HL93_serv_inv	BOBJ1	46	106.97	Before	Interior Girder 3	50.55	0.95	1	1	3.586713
HL93_serv_inv	BOBJ1	46	106.97	Before	Interior Girder 4	50.55	0.95	1	1	3.586713
HL93_serv_inv	BOBJ1	46	106.97	Before	Interior Girder 5	50.55	0.95	1	1	3.619847
HL93_serv_inv	BOBJ1	46	106.97	Before	Interior Girder 6	50.55	0.95	1	1	3.918078

TABLE: Bridge Super Rating AASHTORATE18 31 - SteelICompServ-Flx - Approach, Span 12-15										
Request	BridgeObj	BridgeCut	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	Unitless	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
HL93_serv_inv	BOBJ1	46	106.97	Before	Right Exterior Girder	50.55	0.95	1	1	4.396565
HL93_serv_inv	BOBJ1	47	106.97	After	Left Exterior Girder	50.55	0.95	1	1	4.424705
HL93_serv_inv	BOBJ1	47	106.97	After	Interior Girder 1	50.55	0.95	1	1	3.922599
HL93_serv_inv	BOBJ1	47	106.97	After	Interior Girder 2	50.55	0.95	1	1	3.603171
HL93_serv_inv	BOBJ1	47	106.97	After	Interior Girder 3	50.55	0.95	1	1	3.528413
HL93_serv_inv	BOBJ1	47	106.97	After	Interior Girder 4	50.55	0.95	1	1	3.528413
HL93_serv_inv	BOBJ1	47	106.97	After	Interior Girder 5	50.55	0.95	1	1	3.603171
HL93_serv_inv	BOBJ1	47	106.97	After	Interior Girder 6	50.55	0.95	1	1	3.922599
HL93_serv_inv	BOBJ1	47	106.97	After	Right Exterior Girder	50.55	0.95	1	1	4.424705
HL93_serv_inv	BOBJ1	48	112.5933	Before	Left Exterior Girder	56.1733	0.95	1	1	3.298159
HL93_serv_inv	BOBJ1	48	112.5933	Before	Interior Girder 1	56.1733	0.95	1	1	3.293394
HL93_serv_inv	BOBJ1	48	112.5933	Before	Interior Girder 2	56.1733	0.95	1	1	3.130006
HL93_serv_inv	BOBJ1	48	112.5933	Before	Interior Girder 3	56.1733	0.95	1	1	3.158435
HL93_serv_inv	BOBJ1	48	112.5933	Before	Interior Girder 4	56.1733	0.95	1	1	3.158435
HL93_serv_inv	BOBJ1	48	112.5933	Before	Interior Girder 5	56.1733	0.95	1	1	3.130006
HL93_serv_inv	BOBJ1	48	112.5933	Before	Interior Girder 6	56.1733	0.95	1	1	3.293394
HL93_serv_inv	BOBJ1	48	112.5933	Before	Right Exterior Girder	56.1733	0.95	1	1	3.298159
HL93_serv_inv	BOBJ1	49	112.5933	After	Left Exterior Girder	56.1733	0.95	1	1	3.327522
HL93_serv_inv	BOBJ1	49	112.5933	After	Interior Girder 1	56.1733	0.95	1	1	3.278525
HL93_serv_inv	BOBJ1	49	112.5933	After	Interior Girder 2	56.1733	0.95	1	1	3.109498
HL93_serv_inv	BOBJ1	49	112.5933	After	Interior Girder 3	56.1733	0.95	1	1	3.150026
HL93_serv_inv	BOBJ1	49	112.5933	After	Interior Girder 4	56.1733	0.95	1	1	3.150026
HL93_serv_inv	BOBJ1	49	112.5933	After	Interior Girder 5	56.1733	0.95	1	1	3.109498
HL93_serv_inv	BOBJ1	49	112.5933	After	Interior Girder 6	56.1733	0.95	1	1	3.278525
HL93_serv_inv	BOBJ1	49	112.5933	After	Right Exterior Girder	56.1733	0.95	1	1	3.327522
HL93_serv_inv	BOBJ1	50	115.3396	Before	Left Exterior Girder	58.9196	0.95	1	1	2.728459
HL93_serv_inv	BOBJ1	50	115.3396	Before	Right Exterior Girder	58.9196	0.95	1	1	2.728459
HL93_serv_inv	BOBJ1	51	115.3396	After	Left Exterior Girder	58.9196	0.95	1	1	5.78867
HL93_serv_inv	BOBJ1	51	115.3396	After	Right Exterior Girder	58.9196	0.95	1	1	5.78867
HL93_serv_inv	BOBJ1	52	118.2167	Before	Left Exterior Girder	61.7967	0.95	1	1	4.933298
HL93_serv_inv	BOBJ1	52	118.2167	Before	Interior Girder 1	61.9198	0.95	1	1	2.274102
HL93_serv_inv	BOBJ1	52	118.2167	Before	Interior Girder 2	61.9198	0.95	1	1	2.173011
HL93_serv_inv	BOBJ1	52	118.2167	Before	Interior Girder 3	61.9198	0.95	1	1	2.055217
HL93_serv_inv	BOBJ1	52	118.2167	Before	Interior Girder 4	61.9198	0.95	1	1	2.055217
HL93_serv_inv	BOBJ1	52	118.2167	Before	Interior Girder 5	61.9198	0.95	1	1	2.173011
HL93_serv_inv	BOBJ1	52	118.2167	Before	Interior Girder 6	61.9198	0.95	1	1	2.274102
HL93_serv_inv	BOBJ1	52	118.2167	Before	Right Exterior Girder	61.7967	0.95	1	1	4.933298
HL93_serv_inv	BOBJ1	53	118.2167	After	Left Exterior Girder	61.7967	0.95	1	1	4.940044
HL93_serv_inv	BOBJ1	53	118.2167	After	Interior Girder 1	61.9198	0.95	1	1	3.387643
HL93_serv_inv	BOBJ1	53	118.2167	After	Interior Girder 2	61.9198	0.95	1	1	3.180128
HL93_serv_inv	BOBJ1	53	118.2167	After	Interior Girder 3	61.9198	0.95	1	1	3.045033
HL93_serv_inv	BOBJ1	53	118.2167	After	Interior Girder 4	61.9198	0.95	1	1	3.045033
HL93_serv_inv	BOBJ1	53	118.2167	After	Interior Girder 5	61.9198	0.95	1	1	3.180128
HL93_serv_inv	BOBJ1	53	118.2167	After	Interior Girder 6	61.9198	0.95	1	1	3.387643
HL93_serv_inv	BOBJ1	53	118.2167	After	Right Exterior Girder	61.7967	0.95	1	1	4.940044
HL93_serv_inv	BOBJ1	54	123.84	Before	Left Exterior Girder	67.42	0.95	1	1	3.394501
HL93_serv_inv	BOBJ1	54	123.84	Before	Interior Girder 1	67.42	0.95	1	1	2.123374
HL93_serv_inv	BOBJ1	54	123.84	Before	Interior Girder 2	67.42	0.95	1	1	2.002156
HL93_serv_inv	BOBJ1	54	123.84	Before	Interior Girder 3	67.42	0.95	1	1	1.721757
HL93_serv_inv	BOBJ1	54	123.84	Before	Interior Girder 4	67.42	0.95	1	1	1.721757
HL93_serv_inv	BOBJ1	54	123.84	Before	Interior Girder 5	67.42	0.95	1	1	2.002156
HL93_serv_inv	BOBJ1	54	123.84	Before	Interior Girder 6	67.42	0.95	1	1	2.123374
HL93_serv_inv	BOBJ1	54	123.84	Before	Right Exterior Girder	67.42	0.95	1	1	3.394501
HL93_serv_inv	BOBJ1	55	123.84	After	Left Exterior Girder	0	0.95	1	1	3.367281
HL93_serv_inv	BOBJ1	55	123.84	After	Interior Girder 1	0	0.95	1	1	2.127776
HL93_serv_inv	BOBJ1	55	123.84	After	Interior Girder 2	0	0.95	1	1	2.017892
HL93_serv_inv	BOBJ1	55	123.84	After	Interior Girder 3	0	0.95	1	1	1.731515
HL93_serv_inv	BOBJ1	55	123.84	After	Interior Girder 4	0	0.95	1	1	1.731515
HL93_serv_inv	BOBJ1	55	123.84	After	Interior Girder 5	0	0.95	1	1	2.017892
HL93_serv_inv	BOBJ1	55	123.84	After	Interior Girder 6	0	0.95	1	1	2.127776
HL93_serv_inv	BOBJ1	55	123.84	After	Right Exterior Girder	0	0.95	1	1	3.367281
HL93_serv_inv	BOBJ1	56	129.34	Before	Interior Girder 1	5.5	0.95	1	1	3.390153
HL93_serv_inv	BOBJ1	56	129.34	Before	Interior Girder 2	5.5	0.95	1	1	3.202171
HL93_serv_inv	BOBJ1	56	129.34	Before	Interior Girder 3	5.5	0.95	1	1	3.067194
HL93_serv_inv	BOBJ1	56	129.34	Before	Interior Girder 4	5.5	0.95	1	1	3.067194
HL93_serv_inv	BOBJ1	56	129.34	Before	Interior Girder 5	5.5	0.95	1	1	3.202171
HL93_serv_inv	BOBJ1	56	129.34	Before	Interior Girder 6	5.5	0.95	1	1	3.390153
HL93_serv_inv	BOBJ1	57	129.34	After	Interior Girder 1	5.5	0.95	1	1	2.292701
HL93_serv_inv	BOBJ1	57	129.34	After	Interior Girder 2	5.5	0.95	1	1	2.181191
HL93_serv_inv	BOBJ1	57	129.34	After	Interior Girder 3	5.5	0.95	1	1	2.069942
HL93_serv_inv	BOBJ1	57	129.34	After	Interior Girder 4	5.5	0.95	1	1	2.069942
HL93_serv_inv	BOBJ1	57	129.34	After	Interior Girder 5	5.5	0.95	1	1	2.181191
HL93_serv_inv	BOBJ1	57	129.34	After	Interior Girder 6	5.5	0.95	1	1	2.292701

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Request	BridgeObj	BridgeCut	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	Unitless	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
HL93_serv_inv	BOBJ1	58	130.79	Before	Left Exterior Girder	6.95	0.95	1	1	5.343154
HL93_serv_inv	BOBJ1	58	130.79	Before	Interior Girder 1	6.95	0.95	1	1	2.570904
HL93_serv_inv	BOBJ1	58	130.79	Before	Interior Girder 2	6.95	0.95	1	1	2.412412
HL93_serv_inv	BOBJ1	58	130.79	Before	Interior Girder 3	6.95	0.95	1	1	2.344046
HL93_serv_inv	BOBJ1	58	130.79	Before	Interior Girder 4	6.95	0.95	1	1	2.344046
HL93_serv_inv	BOBJ1	58	130.79	Before	Interior Girder 5	6.95	0.95	1	1	2.412412
HL93_serv_inv	BOBJ1	58	130.79	Before	Interior Girder 6	6.95	0.95	1	1	2.570904
HL93_serv_inv	BOBJ1	58	130.79	Before	Right Exterior Girder	6.95	0.95	1	1	5.343154
HL93_serv_inv	BOBJ1	59	130.79	After	Left Exterior Girder	6.95	0.95	1	1	5.39094
HL93_serv_inv	BOBJ1	59	130.79	After	Interior Girder 1	6.95	0.95	1	1	2.55769
HL93_serv_inv	BOBJ1	59	130.79	After	Interior Girder 2	6.95	0.95	1	1	2.423363
HL93_serv_inv	BOBJ1	59	130.79	After	Interior Girder 3	6.95	0.95	1	1	2.345459
HL93_serv_inv	BOBJ1	59	130.79	After	Interior Girder 4	6.95	0.95	1	1	2.345459
HL93_serv_inv	BOBJ1	59	130.79	After	Interior Girder 5	6.95	0.95	1	1	2.423363
HL93_serv_inv	BOBJ1	59	130.79	After	Interior Girder 6	6.95	0.95	1	1	2.55769
HL93_serv_inv	BOBJ1	59	130.79	After	Right Exterior Girder	6.95	0.95	1	1	5.39094
HL93_serv_inv	BOBJ1	60	132.34	Before	Left Exterior Girder	8.5	0.95	1	1	5.905319
HL93_serv_inv	BOBJ1	60	132.34	Before	Right Exterior Girder	8.5	0.95	1	1	5.905319
HL93_serv_inv	BOBJ1	61	132.34	After	Left Exterior Girder	8.5	0.95	1	1	2.746485
HL93_serv_inv	BOBJ1	61	132.34	After	Right Exterior Girder	8.5	0.95	1	1	2.746485
HL93_serv_inv	BOBJ1	62	137.74	Before	Left Exterior Girder	13.9	0.95	1	1	3.899421
HL93_serv_inv	BOBJ1	62	137.74	Before	Interior Girder 1	13.9	0.95	1	1	3.835775
HL93_serv_inv	BOBJ1	62	137.74	Before	Interior Girder 2	13.9	0.95	1	1	3.665686
HL93_serv_inv	BOBJ1	62	137.74	Before	Interior Girder 3	13.9	0.95	1	1	3.870056
HL93_serv_inv	BOBJ1	62	137.74	Before	Interior Girder 4	13.9	0.95	1	1	3.870056
HL93_serv_inv	BOBJ1	62	137.74	Before	Interior Girder 5	13.9	0.95	1	1	3.665686
HL93_serv_inv	BOBJ1	62	137.74	Before	Interior Girder 6	13.9	0.95	1	1	3.835775
HL93_serv_inv	BOBJ1	62	137.74	Before	Right Exterior Girder	13.9	0.95	1	1	3.899421
HL93_serv_inv	BOBJ1	63	137.74	After	Left Exterior Girder	13.9	0.95	1	1	3.863879
HL93_serv_inv	BOBJ1	63	137.74	After	Interior Girder 1	13.9	0.95	1	1	3.856674
HL93_serv_inv	BOBJ1	63	137.74	After	Interior Girder 2	13.9	0.95	1	1	3.687764
HL93_serv_inv	BOBJ1	63	137.74	After	Interior Girder 3	13.9	0.95	1	1	3.863394
HL93_serv_inv	BOBJ1	63	137.74	After	Interior Girder 4	13.9	0.95	1	1	3.863394
HL93_serv_inv	BOBJ1	63	137.74	After	Interior Girder 5	13.9	0.95	1	1	3.687764
HL93_serv_inv	BOBJ1	63	137.74	After	Interior Girder 6	13.9	0.95	1	1	3.856674
HL93_serv_inv	BOBJ1	63	137.74	After	Right Exterior Girder	13.9	0.95	1	1	3.863879
HL93_serv_inv	BOBJ1	64	143.7733	Before	Left Exterior Girder	19.9333	0.95	1	1	3.978808
HL93_serv_inv	BOBJ1	64	143.7733	Before	Interior Girder 1	19.9333	0.95	1	1	3.019295
HL93_serv_inv	BOBJ1	64	143.7733	Before	Interior Girder 2	19.9333	0.95	1	1	2.854737
HL93_serv_inv	BOBJ1	64	143.7733	Before	Interior Girder 3	19.9333	0.95	1	1	2.782664
HL93_serv_inv	BOBJ1	64	143.7733	Before	Interior Girder 4	19.9333	0.95	1	1	2.782664
HL93_serv_inv	BOBJ1	64	143.7733	Before	Interior Girder 5	19.9333	0.95	1	1	2.854737
HL93_serv_inv	BOBJ1	64	143.7733	Before	Interior Girder 6	19.9333	0.95	1	1	3.019295
HL93_serv_inv	BOBJ1	64	143.7733	Before	Right Exterior Girder	19.9333	0.95	1	1	3.978808
HL93_serv_inv	BOBJ1	65	143.7733	After	Left Exterior Girder	19.9333	0.95	1	1	4.041932
HL93_serv_inv	BOBJ1	65	143.7733	After	Interior Girder 1	19.9333	0.95	1	1	2.989854
HL93_serv_inv	BOBJ1	65	143.7733	After	Interior Girder 2	19.9333	0.95	1	1	2.8583
HL93_serv_inv	BOBJ1	65	143.7733	After	Interior Girder 3	19.9333	0.95	1	1	2.825795
HL93_serv_inv	BOBJ1	65	143.7733	After	Interior Girder 4	19.9333	0.95	1	1	2.825795
HL93_serv_inv	BOBJ1	65	143.7733	After	Interior Girder 5	19.9333	0.95	1	1	2.8583
HL93_serv_inv	BOBJ1	65	143.7733	After	Interior Girder 6	19.9333	0.95	1	1	2.989854
HL93_serv_inv	BOBJ1	65	143.7733	After	Right Exterior Girder	19.9333	0.95	1	1	4.041932
HL93_serv_inv	BOBJ1	66	149.8067	Before	Left Exterior Girder	25.9667	0.95	1	1	2.905546
HL93_serv_inv	BOBJ1	66	149.8067	Before	Interior Girder 1	25.9667	0.95	1	1	2.35935
HL93_serv_inv	BOBJ1	66	149.8067	Before	Interior Girder 2	25.9667	0.95	1	1	2.253326
HL93_serv_inv	BOBJ1	66	149.8067	Before	Interior Girder 3	25.9667	0.95	1	1	2.215825
HL93_serv_inv	BOBJ1	66	149.8067	Before	Interior Girder 4	25.9667	0.95	1	1	2.215825
HL93_serv_inv	BOBJ1	66	149.8067	Before	Interior Girder 5	25.9667	0.95	1	1	2.253326
HL93_serv_inv	BOBJ1	66	149.8067	Before	Interior Girder 6	25.9667	0.95	1	1	2.35935
HL93_serv_inv	BOBJ1	66	149.8067	Before	Right Exterior Girder	25.9667	0.95	1	1	2.905546
HL93_serv_inv	BOBJ1	67	149.8067	After	Left Exterior Girder	25.9667	0.95	1	1	2.900292
HL93_serv_inv	BOBJ1	67	149.8067	After	Interior Girder 1	25.9667	0.95	1	1	2.366839
HL93_serv_inv	BOBJ1	67	149.8067	After	Interior Girder 2	25.9667	0.95	1	1	2.271119
HL93_serv_inv	BOBJ1	67	149.8067	After	Interior Girder 3	25.9667	0.95	1	1	2.250103
HL93_serv_inv	BOBJ1	67	149.8067	After	Interior Girder 4	25.9667	0.95	1	1	2.250103
HL93_serv_inv	BOBJ1	67	149.8067	After	Interior Girder 5	25.9667	0.95	1	1	2.271119
HL93_serv_inv	BOBJ1	67	149.8067	After	Interior Girder 6	25.9667	0.95	1	1	2.366839
HL93_serv_inv	BOBJ1	67	149.8067	After	Right Exterior Girder	25.9667	0.95	1	1	2.900292
HL93_serv_inv	BOBJ1	68	155.84	Before	Left Exterior Girder	32	0.95	1	1	2.457581
HL93_serv_inv	BOBJ1	68	155.84	Before	Interior Girder 1	32	0.95	1	1	2.252214
HL93_serv_inv	BOBJ1	68	155.84	Before	Interior Girder 2	32	0.95	1	1	2.148079
HL93_serv_inv	BOBJ1	68	155.84	Before	Interior Girder 3	32	0.95	1	1	2.126965
HL93_serv_inv	BOBJ1	68	155.84	Before	Interior Girder 4	32	0.95	1	1	2.126965

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Request	BridgeObj	BridgeCut	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	Unitless	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
HL93_serv_inv	BOBJ1	68	155.84	Before	Interior Girder 5	32	0.95	1	1	2.148079
HL93_serv_inv	BOBJ1	68	155.84	Before	Interior Girder 6	32	0.95	1	1	2.252214
HL93_serv_inv	BOBJ1	68	155.84	Before	Right Exterior Girder	32	0.95	1	1	2.457581
HL93_serv_inv	BOBJ1	69	155.84	After	Left Exterior Girder	32	0.95	1	1	2.466144
HL93_serv_inv	BOBJ1	69	155.84	After	Interior Girder 1	32	0.95	1	1	2.247524
HL93_serv_inv	BOBJ1	69	155.84	After	Interior Girder 2	32	0.95	1	1	2.146363
HL93_serv_inv	BOBJ1	69	155.84	After	Interior Girder 3	32	0.95	1	1	2.131454
HL93_serv_inv	BOBJ1	69	155.84	After	Interior Girder 4	32	0.95	1	1	2.131454
HL93_serv_inv	BOBJ1	69	155.84	After	Interior Girder 5	32	0.95	1	1	2.146363
HL93_serv_inv	BOBJ1	69	155.84	After	Interior Girder 6	32	0.95	1	1	2.247524
HL93_serv_inv	BOBJ1	69	155.84	After	Right Exterior Girder	32	0.95	1	1	2.466144
HL93_serv_inv	BOBJ1	70	161.8733	Before	Left Exterior Girder	38.0333	0.95	1	1	2.662527
HL93_serv_inv	BOBJ1	70	161.8733	Before	Interior Girder 1	38.0333	0.95	1	1	2.21631
HL93_serv_inv	BOBJ1	70	161.8733	Before	Interior Girder 2	38.0333	0.95	1	1	2.123651
HL93_serv_inv	BOBJ1	70	161.8733	Before	Interior Girder 3	38.0333	0.95	1	1	2.097148
HL93_serv_inv	BOBJ1	70	161.8733	Before	Interior Girder 4	38.0333	0.95	1	1	2.097148
HL93_serv_inv	BOBJ1	70	161.8733	Before	Interior Girder 5	38.0333	0.95	1	1	2.123651
HL93_serv_inv	BOBJ1	70	161.8733	Before	Interior Girder 6	38.0333	0.95	1	1	2.21631
HL93_serv_inv	BOBJ1	70	161.8733	Before	Right Exterior Girder	38.0333	0.95	1	1	2.662527
HL93_serv_inv	BOBJ1	71	161.8733	After	Left Exterior Girder	38.0333	0.95	1	1	2.670764
HL93_serv_inv	BOBJ1	71	161.8733	After	Interior Girder 1	38.0333	0.95	1	1	2.203493
HL93_serv_inv	BOBJ1	71	161.8733	After	Interior Girder 2	38.0333	0.95	1	1	2.109032
HL93_serv_inv	BOBJ1	71	161.8733	After	Interior Girder 3	38.0333	0.95	1	1	2.072045
HL93_serv_inv	BOBJ1	71	161.8733	After	Interior Girder 4	38.0333	0.95	1	1	2.072045
HL93_serv_inv	BOBJ1	71	161.8733	After	Interior Girder 5	38.0333	0.95	1	1	2.109032
HL93_serv_inv	BOBJ1	71	161.8733	After	Interior Girder 6	38.0333	0.95	1	1	2.203493
HL93_serv_inv	BOBJ1	71	161.8733	After	Right Exterior Girder	38.0333	0.95	1	1	2.670764
HL93_serv_inv	BOBJ1	72	167.9067	Before	Left Exterior Girder	44.0667	0.95	1	1	3.314671
HL93_serv_inv	BOBJ1	72	167.9067	Before	Interior Girder 1	44.0667	0.95	1	1	2.573626
HL93_serv_inv	BOBJ1	72	167.9067	Before	Interior Girder 2	44.0667	0.95	1	1	2.451614
HL93_serv_inv	BOBJ1	72	167.9067	Before	Interior Girder 3	44.0667	0.95	1	1	2.416314
HL93_serv_inv	BOBJ1	72	167.9067	Before	Interior Girder 4	44.0667	0.95	1	1	2.416314
HL93_serv_inv	BOBJ1	72	167.9067	Before	Interior Girder 5	44.0667	0.95	1	1	2.451614
HL93_serv_inv	BOBJ1	72	167.9067	Before	Interior Girder 6	44.0667	0.95	1	1	2.573626
HL93_serv_inv	BOBJ1	72	167.9067	Before	Right Exterior Girder	44.0667	0.95	1	1	3.314671
HL93_serv_inv	BOBJ1	73	167.9067	After	Left Exterior Girder	44.0667	0.95	1	1	3.26125
HL93_serv_inv	BOBJ1	73	167.9067	After	Interior Girder 1	44.0667	0.95	1	1	2.595845
HL93_serv_inv	BOBJ1	73	167.9067	After	Interior Girder 2	44.0667	0.95	1	1	2.455505
HL93_serv_inv	BOBJ1	73	167.9067	After	Interior Girder 3	44.0667	0.95	1	1	2.391684
HL93_serv_inv	BOBJ1	73	167.9067	After	Interior Girder 4	44.0667	0.95	1	1	2.391684
HL93_serv_inv	BOBJ1	73	167.9067	After	Interior Girder 5	44.0667	0.95	1	1	2.455505
HL93_serv_inv	BOBJ1	73	167.9067	After	Interior Girder 6	44.0667	0.95	1	1	2.595845
HL93_serv_inv	BOBJ1	73	167.9067	After	Right Exterior Girder	44.0667	0.95	1	1	3.26125
HL93_serv_inv	BOBJ1	74	173.94	Before	Left Exterior Girder	50.1	0.95	1	1	4.750142
HL93_serv_inv	BOBJ1	74	173.94	Before	Interior Girder 1	50.1	0.95	1	1	3.839045
HL93_serv_inv	BOBJ1	74	173.94	Before	Interior Girder 2	50.1	0.95	1	1	3.52342
HL93_serv_inv	BOBJ1	74	173.94	Before	Interior Girder 3	50.1	0.95	1	1	3.46814
HL93_serv_inv	BOBJ1	74	173.94	Before	Interior Girder 4	50.1	0.95	1	1	3.46814
HL93_serv_inv	BOBJ1	74	173.94	Before	Interior Girder 5	50.1	0.95	1	1	3.52342
HL93_serv_inv	BOBJ1	74	173.94	Before	Interior Girder 6	50.1	0.95	1	1	3.839045
HL93_serv_inv	BOBJ1	74	173.94	Before	Right Exterior Girder	50.1	0.95	1	1	4.750142
HL93_serv_inv	BOBJ1	75	173.94	After	Left Exterior Girder	50.1	0.95	1	1	4.718295
HL93_serv_inv	BOBJ1	75	173.94	After	Interior Girder 1	50.1	0.95	1	1	3.84363
HL93_serv_inv	BOBJ1	75	173.94	After	Interior Girder 2	50.1	0.95	1	1	3.506824
HL93_serv_inv	BOBJ1	75	173.94	After	Interior Girder 3	50.1	0.95	1	1	3.41775
HL93_serv_inv	BOBJ1	75	173.94	After	Interior Girder 4	50.1	0.95	1	1	3.41775
HL93_serv_inv	BOBJ1	75	173.94	After	Interior Girder 5	50.1	0.95	1	1	3.506824
HL93_serv_inv	BOBJ1	75	173.94	After	Interior Girder 6	50.1	0.95	1	1	3.84363
HL93_serv_inv	BOBJ1	75	173.94	After	Right Exterior Girder	50.1	0.95	1	1	4.718295
HL93_serv_inv	BOBJ1	76	179.98	Before	Left Exterior Girder	56.14	0.95	1	1	4.474102
HL93_serv_inv	BOBJ1	76	179.98	Before	Interior Girder 1	56.14	0.95	1	1	4.300797
HL93_serv_inv	BOBJ1	76	179.98	Before	Interior Girder 2	56.14	0.95	1	1	4.053246
HL93_serv_inv	BOBJ1	76	179.98	Before	Interior Girder 3	56.14	0.95	1	1	4.029712
HL93_serv_inv	BOBJ1	76	179.98	Before	Interior Girder 4	56.14	0.95	1	1	4.029712
HL93_serv_inv	BOBJ1	76	179.98	Before	Interior Girder 5	56.14	0.95	1	1	4.053246
HL93_serv_inv	BOBJ1	76	179.98	Before	Interior Girder 6	56.14	0.95	1	1	4.300797
HL93_serv_inv	BOBJ1	76	179.98	Before	Right Exterior Girder	56.14	0.95	1	1	4.474102
HL93_serv_inv	BOBJ1	77	179.98	After	Left Exterior Girder	56.14	0.95	1	1	4.525301
HL93_serv_inv	BOBJ1	77	179.98	After	Interior Girder 1	56.14	0.95	1	1	4.277354
HL93_serv_inv	BOBJ1	77	179.98	After	Interior Girder 2	56.14	0.95	1	1	4.010338
HL93_serv_inv	BOBJ1	77	179.98	After	Interior Girder 3	56.14	0.95	1	1	4.006288
HL93_serv_inv	BOBJ1	77	179.98	After	Interior Girder 4	56.14	0.95	1	1	4.006288
HL93_serv_inv	BOBJ1	77	179.98	After	Interior Girder 5	56.14	0.95	1	1	4.010338

TABLE: Bridge Super Rating AASHTORATE18 31 - SteelICompServ-Flx - Approach, Span 12-15										
Request	BridgeObj	BridgeCut	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	Unitless	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
HL93_serv_inv	BOBJ1	77	179.98	After	Interior Girder 6	56.14	0.95	1	1	4.277354
HL93_serv_inv	BOBJ1	77	179.98	After	Right Exterior Girder	56.14	0.95	1	1	4.525301
HL93_serv_inv	BOBJ1	78	183.56	Before	Left Exterior Girder	59.72	0.95	1	1	3.443824
HL93_serv_inv	BOBJ1	78	183.56	Before	Right Exterior Girder	59.72	0.95	1	1	3.443824
HL93_serv_inv	BOBJ1	79	183.56	After	Left Exterior Girder	59.72	0.95	1	1	7.84865
HL93_serv_inv	BOBJ1	79	183.56	After	Right Exterior Girder	59.72	0.95	1	1	7.84865
HL93_serv_inv	BOBJ1	80	186.02	Before	Left Exterior Girder	62.18	0.95	1	1	6.72488
HL93_serv_inv	BOBJ1	80	186.02	Before	Interior Girder 1	62.22	0.95	1	1	2.800873
HL93_serv_inv	BOBJ1	80	186.02	Before	Interior Girder 2	62.22	0.95	1	1	2.666707
HL93_serv_inv	BOBJ1	80	186.02	Before	Interior Girder 3	62.22	0.95	1	1	2.475178
HL93_serv_inv	BOBJ1	80	186.02	Before	Interior Girder 4	62.22	0.95	1	1	2.475178
HL93_serv_inv	BOBJ1	80	186.02	Before	Interior Girder 5	62.22	0.95	1	1	2.666707
HL93_serv_inv	BOBJ1	80	186.02	Before	Interior Girder 6	62.22	0.95	1	1	2.800873
HL93_serv_inv	BOBJ1	80	186.02	Before	Right Exterior Girder	62.18	0.95	1	1	6.72488
HL93_serv_inv	BOBJ1	81	186.02	After	Left Exterior Girder	62.18	0.95	1	1	6.76495
HL93_serv_inv	BOBJ1	81	186.02	After	Interior Girder 1	62.22	0.95	1	1	4.400441
HL93_serv_inv	BOBJ1	81	186.02	After	Interior Girder 2	62.22	0.95	1	1	4.106701
HL93_serv_inv	BOBJ1	81	186.02	After	Interior Girder 3	62.22	0.95	1	1	3.865021
HL93_serv_inv	BOBJ1	81	186.02	After	Interior Girder 4	62.22	0.95	1	1	3.865021
HL93_serv_inv	BOBJ1	81	186.02	After	Interior Girder 5	62.22	0.95	1	1	4.106701
HL93_serv_inv	BOBJ1	81	186.02	After	Interior Girder 6	62.22	0.95	1	1	4.400441
HL93_serv_inv	BOBJ1	81	186.02	After	Right Exterior Girder	62.18	0.95	1	1	6.76495
HL93_serv_inv	BOBJ1	82	192.06	Before	Left Exterior Girder	68.22	0.95	1	1	3.512358
HL93_serv_inv	BOBJ1	82	192.06	Before	Interior Girder 1	68.22	0.95	1	1	2.170586
HL93_serv_inv	BOBJ1	82	192.06	Before	Interior Girder 2	68.22	0.95	1	1	2.083121
HL93_serv_inv	BOBJ1	82	192.06	Before	Interior Girder 3	68.22	0.95	1	1	1.810224
HL93_serv_inv	BOBJ1	82	192.06	Before	Interior Girder 4	68.22	0.95	1	1	1.810224
HL93_serv_inv	BOBJ1	82	192.06	Before	Interior Girder 5	68.22	0.95	1	1	2.083121
HL93_serv_inv	BOBJ1	82	192.06	Before	Interior Girder 6	68.22	0.95	1	1	2.170586
HL93_serv_inv	BOBJ1	82	192.06	Before	Right Exterior Girder	68.22	0.95	1	1	3.512358
HL93_serv_inv	BOBJ1	83	192.06	After	Left Exterior Girder	0	0.95	1	1	3.414201
HL93_serv_inv	BOBJ1	83	192.06	After	Interior Girder 1	0	0.95	1	1	2.344056
HL93_serv_inv	BOBJ1	83	192.06	After	Interior Girder 2	0	0.95	1	1	2.223574
HL93_serv_inv	BOBJ1	83	192.06	After	Interior Girder 3	0	0.95	1	1	1.927724
HL93_serv_inv	BOBJ1	83	192.06	After	Interior Girder 4	0	0.95	1	1	1.927724
HL93_serv_inv	BOBJ1	83	192.06	After	Interior Girder 5	0	0.95	1	1	2.223574
HL93_serv_inv	BOBJ1	83	192.06	After	Interior Girder 6	0	0.95	1	1	2.344056
HL93_serv_inv	BOBJ1	83	192.06	After	Right Exterior Girder	0	0.95	1	1	3.414201
HL93_serv_inv	BOBJ1	84	197.087	Before	Interior Girder 1	5.027	0.95	1	1	3.288594
HL93_serv_inv	BOBJ1	84	197.087	Before	Interior Girder 2	5.027	0.95	1	1	3.100476
HL93_serv_inv	BOBJ1	84	197.087	Before	Interior Girder 3	5.027	0.95	1	1	3.039459
HL93_serv_inv	BOBJ1	84	197.087	Before	Interior Girder 4	5.027	0.95	1	1	3.039459
HL93_serv_inv	BOBJ1	84	197.087	Before	Interior Girder 5	5.027	0.95	1	1	3.100476
HL93_serv_inv	BOBJ1	84	197.087	Before	Interior Girder 6	5.027	0.95	1	1	3.288594
HL93_serv_inv	BOBJ1	85	197.087	After	Interior Girder 1	5.027	0.95	1	1	2.083949
HL93_serv_inv	BOBJ1	85	197.087	After	Interior Girder 2	5.027	0.95	1	1	1.971675
HL93_serv_inv	BOBJ1	85	197.087	After	Interior Girder 3	5.027	0.95	1	1	1.920995
HL93_serv_inv	BOBJ1	85	197.087	After	Interior Girder 4	5.027	0.95	1	1	1.920995
HL93_serv_inv	BOBJ1	85	197.087	After	Interior Girder 5	5.027	0.95	1	1	1.971675
HL93_serv_inv	BOBJ1	85	197.087	After	Interior Girder 6	5.027	0.95	1	1	2.083949
HL93_serv_inv	BOBJ1	86	197.91	Before	Left Exterior Girder	5.85	0.95	1	1	4.845651
HL93_serv_inv	BOBJ1	86	197.91	Before	Interior Girder 1	5.85	0.95	1	1	2.221306
HL93_serv_inv	BOBJ1	86	197.91	Before	Interior Girder 2	5.85	0.95	1	1	2.080018
HL93_serv_inv	BOBJ1	86	197.91	Before	Interior Girder 3	5.85	0.95	1	1	2.063343
HL93_serv_inv	BOBJ1	86	197.91	Before	Interior Girder 4	5.85	0.95	1	1	2.063343
HL93_serv_inv	BOBJ1	86	197.91	Before	Interior Girder 5	5.85	0.95	1	1	2.080018
HL93_serv_inv	BOBJ1	86	197.91	Before	Interior Girder 6	5.85	0.95	1	1	2.221306
HL93_serv_inv	BOBJ1	86	197.91	Before	Right Exterior Girder	5.85	0.95	1	1	4.845651
HL93_serv_inv	BOBJ1	87	197.91	After	Left Exterior Girder	5.85	0.95	1	1	4.869449
HL93_serv_inv	BOBJ1	87	197.91	After	Interior Girder 1	5.85	0.95	1	1	2.221271
HL93_serv_inv	BOBJ1	87	197.91	After	Interior Girder 2	5.85	0.95	1	1	2.090406
HL93_serv_inv	BOBJ1	87	197.91	After	Interior Girder 3	5.85	0.95	1	1	2.058019
HL93_serv_inv	BOBJ1	87	197.91	After	Interior Girder 4	5.85	0.95	1	1	2.058019
HL93_serv_inv	BOBJ1	87	197.91	After	Interior Girder 5	5.85	0.95	1	1	2.090406
HL93_serv_inv	BOBJ1	87	197.91	After	Interior Girder 6	5.85	0.95	1	1	2.221271
HL93_serv_inv	BOBJ1	87	197.91	After	Right Exterior Girder	5.85	0.95	1	1	4.869449
HL93_serv_inv	BOBJ1	88	199.1816	Before	Left Exterior Girder	7.1216	0.95	1	1	5.190241
HL93_serv_inv	BOBJ1	88	199.1816	Before	Right Exterior Girder	7.1216	0.95	1	1	5.190241
HL93_serv_inv	BOBJ1	89	199.1816	After	Left Exterior Girder	7.1216	0.95	1	1	2.231525
HL93_serv_inv	BOBJ1	89	199.1816	After	Right Exterior Girder	7.1216	0.95	1	1	2.231525
HL93_serv_inv	BOBJ1	90	203.5267	Before	Left Exterior Girder	11.3107	0.95	1	1	2.975246
HL93_serv_inv	BOBJ1	90	203.5267	Before	Interior Girder 1	11.3107	0.95	1	1	3.070376
HL93_serv_inv	BOBJ1	90	203.5267	Before	Interior Girder 2	11.3107	0.95	1	1	2.892958

TABLE: Bridge Super Rating AASHTORATE18 31 - SteelICompServ-Flx - Approach, Span 12-15										
Request	BridgeObj	BridgeCut	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	Unitless	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
HL93_serv_inv	BOBJ1	90	203.5267	Before	Interior Girder 3	11.3107	0.95	1	1	2.994552
HL93_serv_inv	BOBJ1	90	203.5267	Before	Interior Girder 4	11.3107	0.95	1	1	2.994552
HL93_serv_inv	BOBJ1	90	203.5267	Before	Interior Girder 5	11.3107	0.95	1	1	2.892958
HL93_serv_inv	BOBJ1	90	203.5267	Before	Interior Girder 6	11.3107	0.95	1	1	3.070376
HL93_serv_inv	BOBJ1	90	203.5267	Before	Right Exterior Girder	11.3107	0.95	1	1	2.975246
HL93_serv_inv	BOBJ1	91	203.5267	After	Left Exterior Girder	11.3107	0.95	1	1	4.736838
HL93_serv_inv	BOBJ1	91	203.5267	After	Interior Girder 1	11.3107	0.95	1	1	4.835424
HL93_serv_inv	BOBJ1	91	203.5267	After	Interior Girder 2	11.3107	0.95	1	1	4.592714
HL93_serv_inv	BOBJ1	91	203.5267	After	Interior Girder 3	11.3107	0.95	1	1	4.739676
HL93_serv_inv	BOBJ1	91	203.5267	After	Interior Girder 4	11.3107	0.95	1	1	4.739676
HL93_serv_inv	BOBJ1	91	203.5267	After	Interior Girder 5	11.3107	0.95	1	1	4.592714
HL93_serv_inv	BOBJ1	91	203.5267	After	Interior Girder 6	11.3107	0.95	1	1	4.835424
HL93_serv_inv	BOBJ1	91	203.5267	After	Right Exterior Girder	11.3107	0.95	1	1	4.736838
HL93_serv_inv	BOBJ1	92	209.1433	Before	Left Exterior Girder	17.0833	0.95	1	1	5.307899
HL93_serv_inv	BOBJ1	92	209.1433	Before	Interior Girder 1	17.0833	0.95	1	1	4.323246
HL93_serv_inv	BOBJ1	92	209.1433	Before	Interior Girder 2	17.0833	0.95	1	1	4.055292
HL93_serv_inv	BOBJ1	92	209.1433	Before	Interior Girder 3	17.0833	0.95	1	1	3.998786
HL93_serv_inv	BOBJ1	92	209.1433	Before	Interior Girder 4	17.0833	0.95	1	1	3.998786
HL93_serv_inv	BOBJ1	92	209.1433	Before	Interior Girder 5	17.0833	0.95	1	1	4.055292
HL93_serv_inv	BOBJ1	92	209.1433	Before	Interior Girder 6	17.0833	0.95	1	1	4.323246
HL93_serv_inv	BOBJ1	92	209.1433	Before	Right Exterior Girder	17.0833	0.95	1	1	5.307899
HL93_serv_inv	BOBJ1	93	209.1433	After	Left Exterior Girder	17.0833	0.95	1	1	5.217872
HL93_serv_inv	BOBJ1	93	209.1433	After	Interior Girder 1	17.0833	0.95	1	1	4.356726
HL93_serv_inv	BOBJ1	93	209.1433	After	Interior Girder 2	17.0833	0.95	1	1	4.109125
HL93_serv_inv	BOBJ1	93	209.1433	After	Interior Girder 3	17.0833	0.95	1	1	4.086327
HL93_serv_inv	BOBJ1	93	209.1433	After	Interior Girder 4	17.0833	0.95	1	1	4.086327
HL93_serv_inv	BOBJ1	93	209.1433	After	Interior Girder 5	17.0833	0.95	1	1	4.109125
HL93_serv_inv	BOBJ1	93	209.1433	After	Interior Girder 6	17.0833	0.95	1	1	4.356726
HL93_serv_inv	BOBJ1	93	209.1433	After	Right Exterior Girder	17.0833	0.95	1	1	5.217872
HL93_serv_inv	BOBJ1	94	214.76	Before	Left Exterior Girder	22.7	0.95	1	1	3.985228
HL93_serv_inv	BOBJ1	94	214.76	Before	Interior Girder 1	22.7	0.95	1	1	3.449418
HL93_serv_inv	BOBJ1	94	214.76	Before	Interior Girder 2	22.7	0.95	1	1	3.240311
HL93_serv_inv	BOBJ1	94	214.76	Before	Interior Girder 3	22.7	0.95	1	1	3.196897
HL93_serv_inv	BOBJ1	94	214.76	Before	Interior Girder 4	22.7	0.95	1	1	3.196897
HL93_serv_inv	BOBJ1	94	214.76	Before	Interior Girder 5	22.7	0.95	1	1	3.240311
HL93_serv_inv	BOBJ1	94	214.76	Before	Interior Girder 6	22.7	0.95	1	1	3.449418
HL93_serv_inv	BOBJ1	94	214.76	Before	Right Exterior Girder	22.7	0.95	1	1	3.985228
HL93_serv_inv	BOBJ1	95	214.76	After	Left Exterior Girder	22.7	0.95	1	1	3.980787
HL93_serv_inv	BOBJ1	95	214.76	After	Interior Girder 1	22.7	0.95	1	1	3.44228
HL93_serv_inv	BOBJ1	95	214.76	After	Interior Girder 2	22.7	0.95	1	1	3.251316
HL93_serv_inv	BOBJ1	95	214.76	After	Interior Girder 3	22.7	0.95	1	1	3.22237
HL93_serv_inv	BOBJ1	95	214.76	After	Interior Girder 4	22.7	0.95	1	1	3.22237
HL93_serv_inv	BOBJ1	95	214.76	After	Interior Girder 5	22.7	0.95	1	1	3.251316
HL93_serv_inv	BOBJ1	95	214.76	After	Interior Girder 6	22.7	0.95	1	1	3.44228
HL93_serv_inv	BOBJ1	95	214.76	After	Right Exterior Girder	22.7	0.95	1	1	3.980787
HL93_serv_inv	BOBJ1	96	220.3767	Before	Left Exterior Girder	28.3167	0.95	1	1	3.722919
HL93_serv_inv	BOBJ1	96	220.3767	Before	Interior Girder 1	28.3167	0.95	1	1	2.943604
HL93_serv_inv	BOBJ1	96	220.3767	Before	Interior Girder 2	28.3167	0.95	1	1	2.801251
HL93_serv_inv	BOBJ1	96	220.3767	Before	Interior Girder 3	28.3167	0.95	1	1	2.736098
HL93_serv_inv	BOBJ1	96	220.3767	Before	Interior Girder 4	28.3167	0.95	1	1	2.736098
HL93_serv_inv	BOBJ1	96	220.3767	Before	Interior Girder 5	28.3167	0.95	1	1	2.801251
HL93_serv_inv	BOBJ1	96	220.3767	Before	Interior Girder 6	28.3167	0.95	1	1	2.943604
HL93_serv_inv	BOBJ1	96	220.3767	Before	Right Exterior Girder	28.3167	0.95	1	1	3.722919
HL93_serv_inv	BOBJ1	97	220.3767	After	Left Exterior Girder	28.3167	0.95	1	1	3.743286
HL93_serv_inv	BOBJ1	97	220.3767	After	Interior Girder 1	28.3167	0.95	1	1	2.937916
HL93_serv_inv	BOBJ1	97	220.3767	After	Interior Girder 2	28.3167	0.95	1	1	2.800513
HL93_serv_inv	BOBJ1	97	220.3767	After	Interior Girder 3	28.3167	0.95	1	1	2.747206
HL93_serv_inv	BOBJ1	97	220.3767	After	Interior Girder 4	28.3167	0.95	1	1	2.747206
HL93_serv_inv	BOBJ1	97	220.3767	After	Interior Girder 5	28.3167	0.95	1	1	2.800513
HL93_serv_inv	BOBJ1	97	220.3767	After	Interior Girder 6	28.3167	0.95	1	1	2.937916
HL93_serv_inv	BOBJ1	97	220.3767	After	Right Exterior Girder	28.3167	0.95	1	1	3.743286
HL93_serv_inv	BOBJ1	98	225.9933	Before	Left Exterior Girder	33.9333	0.95	1	1	3.625762
HL93_serv_inv	BOBJ1	98	225.9933	Before	Interior Girder 1	33.9333	0.95	1	1	2.841913
HL93_serv_inv	BOBJ1	98	225.9933	Before	Interior Girder 2	33.9333	0.95	1	1	2.721339
HL93_serv_inv	BOBJ1	98	225.9933	Before	Interior Girder 3	33.9333	0.95	1	1	2.662084
HL93_serv_inv	BOBJ1	98	225.9933	Before	Interior Girder 4	33.9333	0.95	1	1	2.662084
HL93_serv_inv	BOBJ1	98	225.9933	Before	Interior Girder 5	33.9333	0.95	1	1	2.721339
HL93_serv_inv	BOBJ1	98	225.9933	Before	Interior Girder 6	33.9333	0.95	1	1	2.841913
HL93_serv_inv	BOBJ1	98	225.9933	Before	Right Exterior Girder	33.9333	0.95	1	1	3.625762
HL93_serv_inv	BOBJ1	99	225.9933	After	Left Exterior Girder	33.9333	0.95	1	1	3.598937
HL93_serv_inv	BOBJ1	99	225.9933	After	Interior Girder 1	33.9333	0.95	1	1	2.852311
HL93_serv_inv	BOBJ1	99	225.9933	After	Interior Girder 2	33.9333	0.95	1	1	2.717896
HL93_serv_inv	BOBJ1	99	225.9933	After	Interior Girder 3	33.9333	0.95	1	1	2.649476

TABLE: Bridge Super Rating AASHTORATE18 31 - SteelICompServ-Flx - Approach, Span 12-15										
Request	BridgeObj	BridgeCut	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	Unitless	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
HL93_serv_inv	BOBJ1	99	225.9933	After	Interior Girder 4	33.9333	0.95	1	1	2.649476
HL93_serv_inv	BOBJ1	99	225.9933	After	Interior Girder 5	33.9333	0.95	1	1	2.717896
HL93_serv_inv	BOBJ1	99	225.9933	After	Interior Girder 6	33.9333	0.95	1	1	2.852311
HL93_serv_inv	BOBJ1	99	225.9933	After	Right Exterior Girder	33.9333	0.95	1	1	3.598937
HL93_serv_inv	BOBJ1	100	231.61	Before	Left Exterior Girder	39.55	0.95	1	1	3.840787
HL93_serv_inv	BOBJ1	100	231.61	Before	Interior Girder 1	39.55	0.95	1	1	3.18227
HL93_serv_inv	BOBJ1	100	231.61	Before	Interior Girder 2	39.55	0.95	1	1	3.018723
HL93_serv_inv	BOBJ1	100	231.61	Before	Interior Girder 3	39.55	0.95	1	1	2.953387
HL93_serv_inv	BOBJ1	100	231.61	Before	Interior Girder 4	39.55	0.95	1	1	2.953387
HL93_serv_inv	BOBJ1	100	231.61	Before	Interior Girder 5	39.55	0.95	1	1	3.018723
HL93_serv_inv	BOBJ1	100	231.61	Before	Interior Girder 6	39.55	0.95	1	1	3.18227
HL93_serv_inv	BOBJ1	100	231.61	Before	Right Exterior Girder	39.55	0.95	1	1	3.840787
HL93_serv_inv	BOBJ1	101	231.61	After	Left Exterior Girder	39.55	0.95	1	1	3.835273
HL93_serv_inv	BOBJ1	101	231.61	After	Interior Girder 1	39.55	0.95	1	1	3.182776
HL93_serv_inv	BOBJ1	101	231.61	After	Interior Girder 2	39.55	0.95	1	1	2.994368
HL93_serv_inv	BOBJ1	101	231.61	After	Interior Girder 3	39.55	0.95	1	1	2.911209
HL93_serv_inv	BOBJ1	101	231.61	After	Interior Girder 4	39.55	0.95	1	1	2.911209
HL93_serv_inv	BOBJ1	101	231.61	After	Interior Girder 5	39.55	0.95	1	1	2.994368
HL93_serv_inv	BOBJ1	101	231.61	After	Interior Girder 6	39.55	0.95	1	1	3.182776
HL93_serv_inv	BOBJ1	101	231.61	After	Right Exterior Girder	39.55	0.95	1	1	3.835273
HL93_serv_inv	BOBJ1	102	237.37	Before	Left Exterior Girder	45.31	0.95	1	1	5.106993
HL93_serv_inv	BOBJ1	102	237.37	Before	Interior Girder 1	45.31	0.95	1	1	3.796437
HL93_serv_inv	BOBJ1	102	237.37	Before	Interior Girder 2	45.31	0.95	1	1	3.62332
HL93_serv_inv	BOBJ1	102	237.37	Before	Interior Girder 3	45.31	0.95	1	1	3.489619
HL93_serv_inv	BOBJ1	102	237.37	Before	Interior Girder 4	45.31	0.95	1	1	3.489619
HL93_serv_inv	BOBJ1	102	237.37	Before	Interior Girder 5	45.31	0.95	1	1	3.62332
HL93_serv_inv	BOBJ1	102	237.37	Before	Interior Girder 6	45.31	0.95	1	1	3.796437
HL93_serv_inv	BOBJ1	102	237.37	Before	Right Exterior Girder	45.31	0.95	1	1	5.106993
HL93_serv_inv	BOBJ1	103	237.37	After	Left Exterior Girder	45.31	0.95	1	1	5.180857
HL93_serv_inv	BOBJ1	103	237.37	After	Interior Girder 1	45.31	0.95	1	1	3.774361
HL93_serv_inv	BOBJ1	103	237.37	After	Interior Girder 2	45.31	0.95	1	1	3.55269
HL93_serv_inv	BOBJ1	103	237.37	After	Interior Girder 3	45.31	0.95	1	1	3.386184
HL93_serv_inv	BOBJ1	103	237.37	After	Interior Girder 4	45.31	0.95	1	1	3.386184
HL93_serv_inv	BOBJ1	103	237.37	After	Interior Girder 5	45.31	0.95	1	1	3.55269
HL93_serv_inv	BOBJ1	103	237.37	After	Interior Girder 6	45.31	0.95	1	1	3.774361
HL93_serv_inv	BOBJ1	103	237.37	After	Right Exterior Girder	45.31	0.95	1	1	5.180857
HL93_serv_inv	BOBJ1	104	243.13	Before	Left Exterior Girder	51.07	0.95	1	1	9.258573
HL93_serv_inv	BOBJ1	104	243.13	Before	Interior Girder 1	51.07	0.95	1	1	6.295479
HL93_serv_inv	BOBJ1	104	243.13	Before	Interior Girder 2	51.07	0.95	1	1	6.03717
HL93_serv_inv	BOBJ1	104	243.13	Before	Interior Girder 3	51.07	0.95	1	1	5.469747
HL93_serv_inv	BOBJ1	104	243.13	Before	Interior Girder 4	51.07	0.95	1	1	5.469747
HL93_serv_inv	BOBJ1	104	243.13	Before	Interior Girder 5	51.07	0.95	1	1	6.03717
HL93_serv_inv	BOBJ1	104	243.13	Before	Interior Girder 6	51.07	0.95	1	1	6.295479
HL93_serv_inv	BOBJ1	104	243.13	Before	Right Exterior Girder	51.07	0.95	1	1	9.258573
HL93_serv_inv	BOBJ1	105	243.13	After	Left Exterior Girder	51.07	0.95	1	1	9.239606
HL93_serv_inv	BOBJ1	105	243.13	After	Interior Girder 1	51.07	0.95	1	1	6.23181
HL93_serv_inv	BOBJ1	105	243.13	After	Interior Girder 2	51.07	0.95	1	1	5.903174
HL93_serv_inv	BOBJ1	105	243.13	After	Interior Girder 3	51.07	0.95	1	1	5.196012
HL93_serv_inv	BOBJ1	105	243.13	After	Interior Girder 4	51.07	0.95	1	1	5.196012
HL93_serv_inv	BOBJ1	105	243.13	After	Interior Girder 5	51.07	0.95	1	1	5.903174
HL93_serv_inv	BOBJ1	105	243.13	After	Interior Girder 6	51.07	0.95	1	1	6.23181
HL93_serv_inv	BOBJ1	105	243.13	After	Right Exterior Girder	51.07	0.95	1	1	9.239606
HL93_serv_inv	BOBJ1	106	248.89	Before	Left Exterior Girder	56.83	0.95	1	1	420.583894
HL93_serv_inv	BOBJ1	106	248.89	Before	Interior Girder 1	56.83	0.95	1	1	343.610901
HL93_serv_inv	BOBJ1	106	248.89	Before	Interior Girder 2	56.83	0.95	1	1	222.075626
HL93_serv_inv	BOBJ1	106	248.89	Before	Interior Girder 3	56.83	0.95	1	1	174.044162
HL93_serv_inv	BOBJ1	106	248.89	Before	Interior Girder 4	56.83	0.95	1	1	174.044162
HL93_serv_inv	BOBJ1	106	248.89	Before	Interior Girder 5	56.83	0.95	1	1	222.075626
HL93_serv_inv	BOBJ1	106	248.89	Before	Interior Girder 6	56.83	0.95	1	1	343.610901
HL93_serv_inv	BOBJ1	106	248.89	Before	Right Exterior Girder	56.83	0.95	1	1	420.583894
HS20_serv_opr	BOBJ1	1	0	After	Left Exterior Girder	0	0.95	1	1	457.506301
HS20_serv_opr	BOBJ1	1	0	After	Interior Girder 1	0	0.95	1	1	332.39957
HS20_serv_opr	BOBJ1	1	0	After	Interior Girder 2	0	0.95	1	1	237.526334
HS20_serv_opr	BOBJ1	1	0	After	Interior Girder 3	0	0.95	1	1	190.85477
HS20_serv_opr	BOBJ1	1	0	After	Interior Girder 4	0	0.95	1	1	190.85477
HS20_serv_opr	BOBJ1	1	0	After	Interior Girder 5	0	0.95	1	1	237.526334
HS20_serv_opr	BOBJ1	1	0	After	Interior Girder 6	0	0.95	1	1	332.39957
HS20_serv_opr	BOBJ1	1	0	After	Right Exterior Girder	0	0.95	1	1	457.506301
HS20_serv_opr	BOBJ1	2	5.85	Before	Left Exterior Girder	5.85	0.95	1	1	11.600549
HS20_serv_opr	BOBJ1	2	5.85	Before	Interior Girder 1	5.85	0.95	1	1	8.503213
HS20_serv_opr	BOBJ1	2	5.85	Before	Interior Girder 2	5.85	0.95	1	1	7.855971
HS20_serv_opr	BOBJ1	2	5.85	Before	Interior Girder 3	5.85	0.95	1	1	6.948481
HS20_serv_opr	BOBJ1	2	5.85	Before	Interior Girder 4	5.85	0.95	1	1	6.948481

TABLE: Bridge Super Rating AASHTORATE18 31 - SteelICompServ-Flx - Approach, Span 12-15										
Request	BridgeObj	BridgeCut	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	Unitless	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
HS20_serv_opr	BOBJ1	2	5.85	Before	Interior Girder 5	5.85	0.95	1	1	7.855971
HS20_serv_opr	BOBJ1	2	5.85	Before	Interior Girder 6	5.85	0.95	1	1	8.503213
HS20_serv_opr	BOBJ1	2	5.85	Before	Right Exterior Girder	5.85	0.95	1	1	11.600549
HS20_serv_opr	BOBJ1	3	5.85	After	Left Exterior Girder	5.85	0.95	1	1	11.707416
HS20_serv_opr	BOBJ1	3	5.85	After	Interior Girder 1	5.85	0.95	1	1	8.51841
HS20_serv_opr	BOBJ1	3	5.85	After	Interior Girder 2	5.85	0.95	1	1	7.984476
HS20_serv_opr	BOBJ1	3	5.85	After	Interior Girder 3	5.85	0.95	1	1	7.267574
HS20_serv_opr	BOBJ1	3	5.85	After	Interior Girder 4	5.85	0.95	1	1	7.267574
HS20_serv_opr	BOBJ1	3	5.85	After	Interior Girder 5	5.85	0.95	1	1	7.984476
HS20_serv_opr	BOBJ1	3	5.85	After	Interior Girder 6	5.85	0.95	1	1	8.51841
HS20_serv_opr	BOBJ1	3	5.85	After	Right Exterior Girder	5.85	0.95	1	1	11.707416
HS20_serv_opr	BOBJ1	4	11.4667	Before	Left Exterior Girder	11.4667	0.95	1	1	6.613413
HS20_serv_opr	BOBJ1	4	11.4667	Before	Interior Girder 1	11.4667	0.95	1	1	4.928641
HS20_serv_opr	BOBJ1	4	11.4667	Before	Interior Girder 2	11.4667	0.95	1	1	4.620528
HS20_serv_opr	BOBJ1	4	11.4667	Before	Interior Girder 3	11.4667	0.95	1	1	4.335688
HS20_serv_opr	BOBJ1	4	11.4667	Before	Interior Girder 4	11.4667	0.95	1	1	4.335688
HS20_serv_opr	BOBJ1	4	11.4667	Before	Interior Girder 5	11.4667	0.95	1	1	4.620528
HS20_serv_opr	BOBJ1	4	11.4667	Before	Interior Girder 6	11.4667	0.95	1	1	4.928641
HS20_serv_opr	BOBJ1	4	11.4667	Before	Right Exterior Girder	11.4667	0.95	1	1	6.613413
HS20_serv_opr	BOBJ1	5	11.4667	After	Left Exterior Girder	11.4667	0.95	1	1	6.691006
HS20_serv_opr	BOBJ1	5	11.4667	After	Interior Girder 1	11.4667	0.95	1	1	4.901066
HS20_serv_opr	BOBJ1	5	11.4667	After	Interior Girder 2	11.4667	0.95	1	1	4.672797
HS20_serv_opr	BOBJ1	5	11.4667	After	Interior Girder 3	11.4667	0.95	1	1	4.451534
HS20_serv_opr	BOBJ1	5	11.4667	After	Interior Girder 4	11.4667	0.95	1	1	4.451534
HS20_serv_opr	BOBJ1	5	11.4667	After	Interior Girder 5	11.4667	0.95	1	1	4.672797
HS20_serv_opr	BOBJ1	5	11.4667	After	Interior Girder 6	11.4667	0.95	1	1	4.901066
HS20_serv_opr	BOBJ1	5	11.4667	After	Right Exterior Girder	11.4667	0.95	1	1	6.691006
HS20_serv_opr	BOBJ1	6	17.0833	Before	Left Exterior Girder	17.0833	0.95	1	1	5.117918
HS20_serv_opr	BOBJ1	6	17.0833	Before	Interior Girder 1	17.0833	0.95	1	1	4.057402
HS20_serv_opr	BOBJ1	6	17.0833	Before	Interior Girder 2	17.0833	0.95	1	1	3.842802
HS20_serv_opr	BOBJ1	6	17.0833	Before	Interior Girder 3	17.0833	0.95	1	1	3.705809
HS20_serv_opr	BOBJ1	6	17.0833	Before	Interior Girder 4	17.0833	0.95	1	1	3.705809
HS20_serv_opr	BOBJ1	6	17.0833	Before	Interior Girder 5	17.0833	0.95	1	1	3.842802
HS20_serv_opr	BOBJ1	6	17.0833	Before	Interior Girder 6	17.0833	0.95	1	1	4.057402
HS20_serv_opr	BOBJ1	6	17.0833	Before	Right Exterior Girder	17.0833	0.95	1	1	5.117918
HS20_serv_opr	BOBJ1	7	17.0833	After	Left Exterior Girder	17.0833	0.95	1	1	5.106867
HS20_serv_opr	BOBJ1	7	17.0833	After	Interior Girder 1	17.0833	0.95	1	1	4.071323
HS20_serv_opr	BOBJ1	7	17.0833	After	Interior Girder 2	17.0833	0.95	1	1	3.890134
HS20_serv_opr	BOBJ1	7	17.0833	After	Interior Girder 3	17.0833	0.95	1	1	3.768684
HS20_serv_opr	BOBJ1	7	17.0833	After	Interior Girder 4	17.0833	0.95	1	1	3.768684
HS20_serv_opr	BOBJ1	7	17.0833	After	Interior Girder 5	17.0833	0.95	1	1	3.890134
HS20_serv_opr	BOBJ1	7	17.0833	After	Interior Girder 6	17.0833	0.95	1	1	4.071323
HS20_serv_opr	BOBJ1	7	17.0833	After	Right Exterior Girder	17.0833	0.95	1	1	5.106867
HS20_serv_opr	BOBJ1	8	22.7	Before	Left Exterior Girder	22.7	0.95	1	1	4.521159
HS20_serv_opr	BOBJ1	8	22.7	Before	Interior Girder 1	22.7	0.95	1	1	3.936738
HS20_serv_opr	BOBJ1	8	22.7	Before	Interior Girder 2	22.7	0.95	1	1	3.744198
HS20_serv_opr	BOBJ1	8	22.7	Before	Interior Girder 3	22.7	0.95	1	1	3.662187
HS20_serv_opr	BOBJ1	8	22.7	Before	Interior Girder 4	22.7	0.95	1	1	3.662187
HS20_serv_opr	BOBJ1	8	22.7	Before	Interior Girder 5	22.7	0.95	1	1	3.744198
HS20_serv_opr	BOBJ1	8	22.7	Before	Interior Girder 6	22.7	0.95	1	1	3.936738
HS20_serv_opr	BOBJ1	8	22.7	Before	Right Exterior Girder	22.7	0.95	1	1	4.521159
HS20_serv_opr	BOBJ1	9	22.7	After	Left Exterior Girder	22.7	0.95	1	1	4.53556
HS20_serv_opr	BOBJ1	9	22.7	After	Interior Girder 1	22.7	0.95	1	1	3.930995
HS20_serv_opr	BOBJ1	9	22.7	After	Interior Girder 2	22.7	0.95	1	1	3.749968
HS20_serv_opr	BOBJ1	9	22.7	After	Interior Girder 3	22.7	0.95	1	1	3.677316
HS20_serv_opr	BOBJ1	9	22.7	After	Interior Girder 4	22.7	0.95	1	1	3.677316
HS20_serv_opr	BOBJ1	9	22.7	After	Interior Girder 5	22.7	0.95	1	1	3.749968
HS20_serv_opr	BOBJ1	9	22.7	After	Interior Girder 6	22.7	0.95	1	1	3.930995
HS20_serv_opr	BOBJ1	9	22.7	After	Right Exterior Girder	22.7	0.95	1	1	4.53556
HS20_serv_opr	BOBJ1	10	28.3167	Before	Left Exterior Girder	28.3167	0.95	1	1	4.931064
HS20_serv_opr	BOBJ1	10	28.3167	Before	Interior Girder 1	28.3167	0.95	1	1	3.988255
HS20_serv_opr	BOBJ1	10	28.3167	Before	Interior Girder 2	28.3167	0.95	1	1	3.799343
HS20_serv_opr	BOBJ1	10	28.3167	Before	Interior Girder 3	28.3167	0.95	1	1	3.707674
HS20_serv_opr	BOBJ1	10	28.3167	Before	Interior Girder 4	28.3167	0.95	1	1	3.707674
HS20_serv_opr	BOBJ1	10	28.3167	Before	Interior Girder 5	28.3167	0.95	1	1	3.799343
HS20_serv_opr	BOBJ1	10	28.3167	Before	Interior Girder 6	28.3167	0.95	1	1	3.988255
HS20_serv_opr	BOBJ1	10	28.3167	Before	Right Exterior Girder	28.3167	0.95	1	1	4.931064
HS20_serv_opr	BOBJ1	11	28.3167	After	Left Exterior Girder	28.3167	0.95	1	1	4.955298
HS20_serv_opr	BOBJ1	11	28.3167	After	Interior Girder 1	28.3167	0.95	1	1	3.96225
HS20_serv_opr	BOBJ1	11	28.3167	After	Interior Girder 2	28.3167	0.95	1	1	3.768982
HS20_serv_opr	BOBJ1	11	28.3167	After	Interior Girder 3	28.3167	0.95	1	1	3.661318
HS20_serv_opr	BOBJ1	11	28.3167	After	Interior Girder 4	28.3167	0.95	1	1	3.661318
HS20_serv_opr	BOBJ1	11	28.3167	After	Interior Girder 5	28.3167	0.95	1	1	3.768982

TABLE: Bridge Super Rating AASHTORATE18 31 - SteelICompServ-Flx - Approach, Span 12-15										
Request	BridgeObj	BridgeCut	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	Unitless	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
HS20_serv_opr	BOBJ1	11	28.3167	After	Interior Girder 6	28.3167	0.95	1	1	3.96225
HS20_serv_opr	BOBJ1	11	28.3167	After	Right Exterior Girder	28.3167	0.95	1	1	4.955298
HS20_serv_opr	BOBJ1	12	33.9333	Before	Left Exterior Girder	33.9333	0.95	1	1	5.917917
HS20_serv_opr	BOBJ1	12	33.9333	Before	Interior Girder 1	33.9333	0.95	1	1	4.549275
HS20_serv_opr	BOBJ1	12	33.9333	Before	Interior Girder 2	33.9333	0.95	1	1	4.326283
HS20_serv_opr	BOBJ1	12	33.9333	Before	Interior Girder 3	33.9333	0.95	1	1	4.236987
HS20_serv_opr	BOBJ1	12	33.9333	Before	Interior Girder 4	33.9333	0.95	1	1	4.236987
HS20_serv_opr	BOBJ1	12	33.9333	Before	Interior Girder 5	33.9333	0.95	1	1	4.326283
HS20_serv_opr	BOBJ1	12	33.9333	Before	Interior Girder 6	33.9333	0.95	1	1	4.549275
HS20_serv_opr	BOBJ1	12	33.9333	Before	Right Exterior Girder	33.9333	0.95	1	1	5.917917
HS20_serv_opr	BOBJ1	13	33.9333	After	Left Exterior Girder	33.9333	0.95	1	1	5.85002
HS20_serv_opr	BOBJ1	13	33.9333	After	Interior Girder 1	33.9333	0.95	1	1	4.573884
HS20_serv_opr	BOBJ1	13	33.9333	After	Interior Girder 2	33.9333	0.95	1	1	4.319957
HS20_serv_opr	BOBJ1	13	33.9333	After	Interior Girder 3	33.9333	0.95	1	1	4.192448
HS20_serv_opr	BOBJ1	13	33.9333	After	Interior Girder 4	33.9333	0.95	1	1	4.192448
HS20_serv_opr	BOBJ1	13	33.9333	After	Interior Girder 5	33.9333	0.95	1	1	4.319957
HS20_serv_opr	BOBJ1	13	33.9333	After	Interior Girder 6	33.9333	0.95	1	1	4.573884
HS20_serv_opr	BOBJ1	13	33.9333	After	Right Exterior Girder	33.9333	0.95	1	1	5.85002
HS20_serv_opr	BOBJ1	14	39.55	Before	Left Exterior Girder	39.55	0.95	1	1	7.983167
HS20_serv_opr	BOBJ1	14	39.55	Before	Interior Girder 1	39.55	0.95	1	1	6.418316
HS20_serv_opr	BOBJ1	14	39.55	Before	Interior Girder 2	39.55	0.95	1	1	5.945638
HS20_serv_opr	BOBJ1	14	39.55	Before	Interior Girder 3	39.55	0.95	1	1	5.848125
HS20_serv_opr	BOBJ1	14	39.55	Before	Interior Girder 4	39.55	0.95	1	1	5.848125
HS20_serv_opr	BOBJ1	14	39.55	Before	Interior Girder 5	39.55	0.95	1	1	5.945638
HS20_serv_opr	BOBJ1	14	39.55	Before	Interior Girder 6	39.55	0.95	1	1	6.418316
HS20_serv_opr	BOBJ1	14	39.55	Before	Right Exterior Girder	39.55	0.95	1	1	7.983167
HS20_serv_opr	BOBJ1	15	39.55	After	Left Exterior Girder	39.55	0.95	1	1	7.981735
HS20_serv_opr	BOBJ1	15	39.55	After	Interior Girder 1	39.55	0.95	1	1	6.420022
HS20_serv_opr	BOBJ1	15	39.55	After	Interior Girder 2	39.55	0.95	1	1	5.903835
HS20_serv_opr	BOBJ1	15	39.55	After	Interior Girder 3	39.55	0.95	1	1	5.743661
HS20_serv_opr	BOBJ1	15	39.55	After	Interior Girder 4	39.55	0.95	1	1	5.743661
HS20_serv_opr	BOBJ1	15	39.55	After	Interior Girder 5	39.55	0.95	1	1	5.903835
HS20_serv_opr	BOBJ1	15	39.55	After	Interior Girder 6	39.55	0.95	1	1	6.420022
HS20_serv_opr	BOBJ1	15	39.55	After	Right Exterior Girder	39.55	0.95	1	1	7.981735
HS20_serv_opr	BOBJ1	16	45.1733	Before	Left Exterior Girder	45.1226	0.95	1	1	6.566352
HS20_serv_opr	BOBJ1	16	45.1733	Before	Interior Girder 1	45.1226	0.95	1	1	6.709212
HS20_serv_opr	BOBJ1	16	45.1733	Before	Interior Girder 2	45.1226	0.95	1	1	6.436345
HS20_serv_opr	BOBJ1	16	45.1733	Before	Interior Girder 3	45.1226	0.95	1	1	6.54025
HS20_serv_opr	BOBJ1	16	45.1733	Before	Interior Girder 4	45.1226	0.95	1	1	6.54025
HS20_serv_opr	BOBJ1	16	45.1733	Before	Interior Girder 5	45.1226	0.95	1	1	6.436345
HS20_serv_opr	BOBJ1	16	45.1733	Before	Interior Girder 6	45.1226	0.95	1	1	6.709212
HS20_serv_opr	BOBJ1	16	45.1733	Before	Right Exterior Girder	45.1226	0.95	1	1	6.566352
HS20_serv_opr	BOBJ1	17	45.1733	After	Left Exterior Girder	45.1226	0.95	1	1	5.2732
HS20_serv_opr	BOBJ1	17	45.1733	After	Interior Girder 1	45.1226	0.95	1	1	5.387277
HS20_serv_opr	BOBJ1	17	45.1733	After	Interior Girder 2	45.1226	0.95	1	1	5.135329
HS20_serv_opr	BOBJ1	17	45.1733	After	Interior Girder 3	45.1226	0.95	1	1	5.242531
HS20_serv_opr	BOBJ1	17	45.1733	After	Interior Girder 4	45.1226	0.95	1	1	5.242531
HS20_serv_opr	BOBJ1	17	45.1733	After	Interior Girder 5	45.1226	0.95	1	1	5.135329
HS20_serv_opr	BOBJ1	17	45.1733	After	Interior Girder 6	45.1226	0.95	1	1	5.387277
HS20_serv_opr	BOBJ1	17	45.1733	After	Right Exterior Girder	45.1226	0.95	1	1	5.2732
HS20_serv_opr	BOBJ1	18	49.2561	Before	Left Exterior Girder	49.2561	0.95	1	1	4.048652
HS20_serv_opr	BOBJ1	18	49.2561	Before	Right Exterior Girder	49.2561	0.95	1	1	4.048652
HS20_serv_opr	BOBJ1	19	49.2561	After	Left Exterior Girder	49.2561	0.95	1	1	4.091943
HS20_serv_opr	BOBJ1	19	49.2561	After	Right Exterior Girder	49.2561	0.95	1	1	4.091943
HS20_serv_opr	BOBJ1	20	50.7967	Before	Left Exterior Girder	50.7967	0.95	1	1	8.214491
HS20_serv_opr	BOBJ1	20	50.7967	Before	Interior Girder 1	50.7967	0.95	1	1	4.075972
HS20_serv_opr	BOBJ1	20	50.7967	Before	Interior Girder 2	50.7967	0.95	1	1	3.861276
HS20_serv_opr	BOBJ1	20	50.7967	Before	Interior Girder 3	50.7967	0.95	1	1	3.70728
HS20_serv_opr	BOBJ1	20	50.7967	Before	Interior Girder 4	50.7967	0.95	1	1	3.70728
HS20_serv_opr	BOBJ1	20	50.7967	Before	Interior Girder 5	50.7967	0.95	1	1	3.861276
HS20_serv_opr	BOBJ1	20	50.7967	Before	Interior Girder 6	50.7967	0.95	1	1	4.075972
HS20_serv_opr	BOBJ1	20	50.7967	Before	Right Exterior Girder	50.7967	0.95	1	1	8.214491
HS20_serv_opr	BOBJ1	21	50.7967	After	Left Exterior Girder	50.7967	0.95	1	1	8.15847
HS20_serv_opr	BOBJ1	21	50.7967	After	Interior Girder 1	50.7967	0.95	1	1	4.072567
HS20_serv_opr	BOBJ1	21	50.7967	After	Interior Girder 2	50.7967	0.95	1	1	3.835708
HS20_serv_opr	BOBJ1	21	50.7967	After	Interior Girder 3	50.7967	0.95	1	1	3.693622
HS20_serv_opr	BOBJ1	21	50.7967	After	Interior Girder 4	50.7967	0.95	1	1	3.693622
HS20_serv_opr	BOBJ1	21	50.7967	After	Interior Girder 5	50.7967	0.95	1	1	3.835708
HS20_serv_opr	BOBJ1	21	50.7967	After	Interior Girder 6	50.7967	0.95	1	1	4.072567
HS20_serv_opr	BOBJ1	21	50.7967	After	Right Exterior Girder	50.7967	0.95	1	1	8.15847
HS20_serv_opr	BOBJ1	22	51.3989	Before	Interior Girder 1	51.3989	0.95	1	1	3.923935
HS20_serv_opr	BOBJ1	22	51.3989	Before	Interior Girder 2	51.3989	0.95	1	1	3.713085
HS20_serv_opr	BOBJ1	22	51.3989	Before	Interior Girder 3	51.3989	0.95	1	1	3.545928

TABLE: Bridge Super Rating AASHTORATE18 31 - SteelICompServ-Flx - Approach, Span 12-15										
Request	BridgeObj	BridgeCut	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	Unitless	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
HS20_serv_opr	BOBJ1	22	51.3989	Before	Interior Girder 4	51.3989	0.95	1	1	3.545928
HS20_serv_opr	BOBJ1	22	51.3989	Before	Interior Girder 5	51.3989	0.95	1	1	3.713085
HS20_serv_opr	BOBJ1	22	51.3989	Before	Interior Girder 6	51.3989	0.95	1	1	3.923935
HS20_serv_opr	BOBJ1	23	51.3989	After	Interior Girder 1	51.3989	0.95	1	1	5.788794
HS20_serv_opr	BOBJ1	23	51.3989	After	Interior Girder 2	51.3989	0.95	1	1	5.440444
HS20_serv_opr	BOBJ1	23	51.3989	After	Interior Girder 3	51.3989	0.95	1	1	5.23913
HS20_serv_opr	BOBJ1	23	51.3989	After	Interior Girder 4	51.3989	0.95	1	1	5.23913
HS20_serv_opr	BOBJ1	23	51.3989	After	Interior Girder 5	51.3989	0.95	1	1	5.440444
HS20_serv_opr	BOBJ1	23	51.3989	After	Interior Girder 6	51.3989	0.95	1	1	5.788794
HS20_serv_opr	BOBJ1	24	56.42	Before	Left Exterior Girder	56.42	0.95	1	1	6.222739
HS20_serv_opr	BOBJ1	24	56.42	Before	Interior Girder 1	56.42	0.95	1	1	4.333949
HS20_serv_opr	BOBJ1	24	56.42	Before	Interior Girder 2	56.42	0.95	1	1	4.023068
HS20_serv_opr	BOBJ1	24	56.42	Before	Interior Girder 3	56.42	0.95	1	1	3.445162
HS20_serv_opr	BOBJ1	24	56.42	Before	Interior Girder 4	56.42	0.95	1	1	3.445162
HS20_serv_opr	BOBJ1	24	56.42	Before	Interior Girder 5	56.42	0.95	1	1	4.023068
HS20_serv_opr	BOBJ1	24	56.42	Before	Interior Girder 6	56.42	0.95	1	1	4.333949
HS20_serv_opr	BOBJ1	24	56.42	Before	Right Exterior Girder	56.42	0.95	1	1	6.222739
HS20_serv_opr	BOBJ1	25	56.42	After	Left Exterior Girder	0	0.95	1	1	6.373193
HS20_serv_opr	BOBJ1	25	56.42	After	Interior Girder 1	0	0.95	1	1	4.004929
HS20_serv_opr	BOBJ1	25	56.42	After	Interior Girder 2	0	0.95	1	1	3.771945
HS20_serv_opr	BOBJ1	25	56.42	After	Interior Girder 3	0	0.95	1	1	3.248963
HS20_serv_opr	BOBJ1	25	56.42	After	Interior Girder 4	0	0.95	1	1	3.248963
HS20_serv_opr	BOBJ1	25	56.42	After	Interior Girder 5	0	0.95	1	1	3.771945
HS20_serv_opr	BOBJ1	25	56.42	After	Interior Girder 6	0	0.95	1	1	4.004929
HS20_serv_opr	BOBJ1	25	56.42	After	Right Exterior Girder	0	0.95	1	1	6.373193
HS20_serv_opr	BOBJ1	26	62.0367	Before	Left Exterior Girder	5.6167	0.95	1	1	10.509889
HS20_serv_opr	BOBJ1	26	62.0367	Before	Interior Girder 1	5.6167	0.95	1	1	7.29257
HS20_serv_opr	BOBJ1	26	62.0367	Before	Interior Girder 2	5.6167	0.95	1	1	6.717027
HS20_serv_opr	BOBJ1	26	62.0367	Before	Interior Girder 3	5.6167	0.95	1	1	6.316552
HS20_serv_opr	BOBJ1	26	62.0367	Before	Interior Girder 4	5.6167	0.95	1	1	6.316552
HS20_serv_opr	BOBJ1	26	62.0367	Before	Interior Girder 5	5.6167	0.95	1	1	6.717027
HS20_serv_opr	BOBJ1	26	62.0367	Before	Interior Girder 6	5.6167	0.95	1	1	7.29257
HS20_serv_opr	BOBJ1	26	62.0367	Before	Right Exterior Girder	5.6167	0.95	1	1	10.509889
HS20_serv_opr	BOBJ1	27	62.0367	After	Left Exterior Girder	5.6167	0.95	1	1	10.410712
HS20_serv_opr	BOBJ1	27	62.0367	After	Interior Girder 1	5.6167	0.95	1	1	7.409178
HS20_serv_opr	BOBJ1	27	62.0367	After	Interior Girder 2	5.6167	0.95	1	1	6.833534
HS20_serv_opr	BOBJ1	27	62.0367	After	Interior Girder 3	5.6167	0.95	1	1	6.436192
HS20_serv_opr	BOBJ1	27	62.0367	After	Interior Girder 4	5.6167	0.95	1	1	6.436192
HS20_serv_opr	BOBJ1	27	62.0367	After	Interior Girder 5	5.6167	0.95	1	1	6.833534
HS20_serv_opr	BOBJ1	27	62.0367	After	Interior Girder 6	5.6167	0.95	1	1	7.409178
HS20_serv_opr	BOBJ1	27	62.0367	After	Right Exterior Girder	5.6167	0.95	1	1	10.410712
HS20_serv_opr	BOBJ1	28	62.4203	Before	Interior Girder 1	6.0003	0.95	1	1	7.543562
HS20_serv_opr	BOBJ1	28	62.4203	Before	Interior Girder 2	6.0003	0.95	1	1	6.94992
HS20_serv_opr	BOBJ1	28	62.4203	Before	Interior Girder 3	6.0003	0.95	1	1	6.579105
HS20_serv_opr	BOBJ1	28	62.4203	Before	Interior Girder 4	6.0003	0.95	1	1	6.579105
HS20_serv_opr	BOBJ1	28	62.4203	Before	Interior Girder 5	6.0003	0.95	1	1	6.94992
HS20_serv_opr	BOBJ1	28	62.4203	Before	Interior Girder 6	6.0003	0.95	1	1	7.543562
HS20_serv_opr	BOBJ1	29	62.4203	After	Interior Girder 1	6.0003	0.95	1	1	5.102397
HS20_serv_opr	BOBJ1	29	62.4203	After	Interior Girder 2	6.0003	0.95	1	1	4.755373
HS20_serv_opr	BOBJ1	29	62.4203	After	Interior Girder 3	6.0003	0.95	1	1	4.454616
HS20_serv_opr	BOBJ1	29	62.4203	After	Interior Girder 4	6.0003	0.95	1	1	4.454616
HS20_serv_opr	BOBJ1	29	62.4203	After	Interior Girder 5	6.0003	0.95	1	1	4.755373
HS20_serv_opr	BOBJ1	29	62.4203	After	Interior Girder 6	6.0003	0.95	1	1	5.102397
HS20_serv_opr	BOBJ1	30	64.9204	Before	Left Exterior Girder	8.5004	0.95	1	1	11.761444
HS20_serv_opr	BOBJ1	30	64.9204	Before	Right Exterior Girder	8.5004	0.95	1	1	11.761444
HS20_serv_opr	BOBJ1	31	64.9204	After	Left Exterior Girder	8.5004	0.95	1	1	5.59029
HS20_serv_opr	BOBJ1	31	64.9204	After	Right Exterior Girder	8.5004	0.95	1	1	5.59029
HS20_serv_opr	BOBJ1	32	67.6533	Before	Left Exterior Girder	11.2333	0.95	1	1	6.626957
HS20_serv_opr	BOBJ1	32	67.6533	Before	Interior Girder 1	11.2333	0.95	1	1	6.638186
HS20_serv_opr	BOBJ1	32	67.6533	Before	Interior Girder 2	11.2333	0.95	1	1	6.21596
HS20_serv_opr	BOBJ1	32	67.6533	Before	Interior Girder 3	11.2333	0.95	1	1	6.206713
HS20_serv_opr	BOBJ1	32	67.6533	Before	Interior Girder 4	11.2333	0.95	1	1	6.206713
HS20_serv_opr	BOBJ1	32	67.6533	Before	Interior Girder 5	11.2333	0.95	1	1	6.21596
HS20_serv_opr	BOBJ1	32	67.6533	Before	Interior Girder 6	11.2333	0.95	1	1	6.638186
HS20_serv_opr	BOBJ1	32	67.6533	Before	Right Exterior Girder	11.2333	0.95	1	1	6.626957
HS20_serv_opr	BOBJ1	33	67.6533	After	Left Exterior Girder	11.2333	0.95	1	1	6.578772
HS20_serv_opr	BOBJ1	33	67.6533	After	Interior Girder 1	11.2333	0.95	1	1	6.686212
HS20_serv_opr	BOBJ1	33	67.6533	After	Interior Girder 2	11.2333	0.95	1	1	6.300931
HS20_serv_opr	BOBJ1	33	67.6533	After	Interior Girder 3	11.2333	0.95	1	1	6.271501
HS20_serv_opr	BOBJ1	33	67.6533	After	Interior Girder 4	11.2333	0.95	1	1	6.271501
HS20_serv_opr	BOBJ1	33	67.6533	After	Interior Girder 5	11.2333	0.95	1	1	6.300931
HS20_serv_opr	BOBJ1	33	67.6533	After	Interior Girder 6	11.2333	0.95	1	1	6.686212
HS20_serv_opr	BOBJ1	33	67.6533	After	Right Exterior Girder	11.2333	0.95	1	1	6.578772

TABLE: Bridge Super Rating AASHTORATE18 31 - SteelICompServ-Flx - Approach, Span 12-15										
Request	BridgeObj	BridgeCut	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	Unitless	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
HS20_serv_opr	BOBJ1	34	73.27	Before	Left Exterior Girder	16.85	0.95	1	1	8.0491
HS20_serv_opr	BOBJ1	34	73.27	Before	Interior Girder 1	16.85	0.95	1	1	6.436858
HS20_serv_opr	BOBJ1	34	73.27	Before	Interior Girder 2	16.85	0.95	1	1	5.852655
HS20_serv_opr	BOBJ1	34	73.27	Before	Interior Girder 3	16.85	0.95	1	1	5.646569
HS20_serv_opr	BOBJ1	34	73.27	Before	Interior Girder 4	16.85	0.95	1	1	5.646569
HS20_serv_opr	BOBJ1	34	73.27	Before	Interior Girder 5	16.85	0.95	1	1	5.852655
HS20_serv_opr	BOBJ1	34	73.27	Before	Interior Girder 6	16.85	0.95	1	1	6.436858
HS20_serv_opr	BOBJ1	34	73.27	Before	Right Exterior Girder	16.85	0.95	1	1	8.0491
HS20_serv_opr	BOBJ1	35	73.27	After	Left Exterior Girder	16.85	0.95	1	1	8.173813
HS20_serv_opr	BOBJ1	35	73.27	After	Interior Girder 1	16.85	0.95	1	1	6.384053
HS20_serv_opr	BOBJ1	35	73.27	After	Interior Girder 2	16.85	0.95	1	1	5.861882
HS20_serv_opr	BOBJ1	35	73.27	After	Interior Girder 3	16.85	0.95	1	1	5.717624
HS20_serv_opr	BOBJ1	35	73.27	After	Interior Girder 4	16.85	0.95	1	1	5.717624
HS20_serv_opr	BOBJ1	35	73.27	After	Interior Girder 5	16.85	0.95	1	1	5.861882
HS20_serv_opr	BOBJ1	35	73.27	After	Interior Girder 6	16.85	0.95	1	1	6.384053
HS20_serv_opr	BOBJ1	35	73.27	After	Right Exterior Girder	16.85	0.95	1	1	8.173813
HS20_serv_opr	BOBJ1	36	78.8867	Before	Left Exterior Girder	22.4667	0.95	1	1	5.570183
HS20_serv_opr	BOBJ1	36	78.8867	Before	Interior Girder 1	22.4667	0.95	1	1	4.396342
HS20_serv_opr	BOBJ1	36	78.8867	Before	Interior Girder 2	22.4667	0.95	1	1	4.140942
HS20_serv_opr	BOBJ1	36	78.8867	Before	Interior Girder 3	22.4667	0.95	1	1	3.996146
HS20_serv_opr	BOBJ1	36	78.8867	Before	Interior Girder 4	22.4667	0.95	1	1	3.996146
HS20_serv_opr	BOBJ1	36	78.8867	Before	Interior Girder 5	22.4667	0.95	1	1	4.140942
HS20_serv_opr	BOBJ1	36	78.8867	Before	Interior Girder 6	22.4667	0.95	1	1	4.396342
HS20_serv_opr	BOBJ1	36	78.8867	Before	Right Exterior Girder	22.4667	0.95	1	1	5.570183
HS20_serv_opr	BOBJ1	37	78.8867	After	Left Exterior Girder	22.4667	0.95	1	1	5.658945
HS20_serv_opr	BOBJ1	37	78.8867	After	Interior Girder 1	22.4667	0.95	1	1	4.361532
HS20_serv_opr	BOBJ1	37	78.8867	After	Interior Girder 2	22.4667	0.95	1	1	4.136873
HS20_serv_opr	BOBJ1	37	78.8867	After	Interior Girder 3	22.4667	0.95	1	1	4.035774
HS20_serv_opr	BOBJ1	37	78.8867	After	Interior Girder 4	22.4667	0.95	1	1	4.035774
HS20_serv_opr	BOBJ1	37	78.8867	After	Interior Girder 5	22.4667	0.95	1	1	4.136873
HS20_serv_opr	BOBJ1	37	78.8867	After	Interior Girder 6	22.4667	0.95	1	1	4.361532
HS20_serv_opr	BOBJ1	37	78.8867	After	Right Exterior Girder	22.4667	0.95	1	1	5.658945
HS20_serv_opr	BOBJ1	38	84.5033	Before	Left Exterior Girder	28.0833	0.95	1	1	4.477526
HS20_serv_opr	BOBJ1	38	84.5033	Before	Interior Girder 1	28.0833	0.95	1	1	3.706686
HS20_serv_opr	BOBJ1	38	84.5033	Before	Interior Girder 2	28.0833	0.95	1	1	3.530781
HS20_serv_opr	BOBJ1	38	84.5033	Before	Interior Girder 3	28.0833	0.95	1	1	3.44123
HS20_serv_opr	BOBJ1	38	84.5033	Before	Interior Girder 4	28.0833	0.95	1	1	3.44123
HS20_serv_opr	BOBJ1	38	84.5033	Before	Interior Girder 5	28.0833	0.95	1	1	3.530781
HS20_serv_opr	BOBJ1	38	84.5033	Before	Interior Girder 6	28.0833	0.95	1	1	3.706686
HS20_serv_opr	BOBJ1	38	84.5033	Before	Right Exterior Girder	28.0833	0.95	1	1	4.477526
HS20_serv_opr	BOBJ1	39	84.5033	After	Left Exterior Girder	28.0833	0.95	1	1	4.473669
HS20_serv_opr	BOBJ1	39	84.5033	After	Interior Girder 1	28.0833	0.95	1	1	3.722899
HS20_serv_opr	BOBJ1	39	84.5033	After	Interior Girder 2	28.0833	0.95	1	1	3.554968
HS20_serv_opr	BOBJ1	39	84.5033	After	Interior Girder 3	28.0833	0.95	1	1	3.481873
HS20_serv_opr	BOBJ1	39	84.5033	After	Interior Girder 4	28.0833	0.95	1	1	3.481873
HS20_serv_opr	BOBJ1	39	84.5033	After	Interior Girder 5	28.0833	0.95	1	1	3.554968
HS20_serv_opr	BOBJ1	39	84.5033	After	Interior Girder 6	28.0833	0.95	1	1	3.722899
HS20_serv_opr	BOBJ1	39	84.5033	After	Right Exterior Girder	28.0833	0.95	1	1	4.473669
HS20_serv_opr	BOBJ1	40	90.12	Before	Left Exterior Girder	33.7	0.95	1	1	4.041408
HS20_serv_opr	BOBJ1	40	90.12	Before	Interior Girder 1	33.7	0.95	1	1	3.69446
HS20_serv_opr	BOBJ1	40	90.12	Before	Interior Girder 2	33.7	0.95	1	1	3.519779
HS20_serv_opr	BOBJ1	40	90.12	Before	Interior Girder 3	33.7	0.95	1	1	3.450744
HS20_serv_opr	BOBJ1	40	90.12	Before	Interior Girder 4	33.7	0.95	1	1	3.450744
HS20_serv_opr	BOBJ1	40	90.12	Before	Interior Girder 5	33.7	0.95	1	1	3.519779
HS20_serv_opr	BOBJ1	40	90.12	Before	Interior Girder 6	33.7	0.95	1	1	3.69446
HS20_serv_opr	BOBJ1	40	90.12	Before	Right Exterior Girder	33.7	0.95	1	1	4.041408
HS20_serv_opr	BOBJ1	41	90.12	After	Left Exterior Girder	33.7	0.95	1	1	4.051496
HS20_serv_opr	BOBJ1	41	90.12	After	Interior Girder 1	33.7	0.95	1	1	3.685449
HS20_serv_opr	BOBJ1	41	90.12	After	Interior Girder 2	33.7	0.95	1	1	3.515094
HS20_serv_opr	BOBJ1	41	90.12	After	Interior Girder 3	33.7	0.95	1	1	3.445801
HS20_serv_opr	BOBJ1	41	90.12	After	Interior Girder 4	33.7	0.95	1	1	3.445801
HS20_serv_opr	BOBJ1	41	90.12	After	Interior Girder 5	33.7	0.95	1	1	3.515094
HS20_serv_opr	BOBJ1	41	90.12	After	Interior Girder 6	33.7	0.95	1	1	3.685449
HS20_serv_opr	BOBJ1	41	90.12	After	Right Exterior Girder	33.7	0.95	1	1	4.051496
HS20_serv_opr	BOBJ1	42	95.7367	Before	Left Exterior Girder	39.3167	0.95	1	1	4.436583
HS20_serv_opr	BOBJ1	42	95.7367	Before	Interior Girder 1	39.3167	0.95	1	1	3.698646
HS20_serv_opr	BOBJ1	42	95.7367	Before	Interior Girder 2	39.3167	0.95	1	1	3.532949
HS20_serv_opr	BOBJ1	42	95.7367	Before	Interior Girder 3	39.3167	0.95	1	1	3.462224
HS20_serv_opr	BOBJ1	42	95.7367	Before	Interior Girder 4	39.3167	0.95	1	1	3.462224
HS20_serv_opr	BOBJ1	42	95.7367	Before	Interior Girder 5	39.3167	0.95	1	1	3.532949
HS20_serv_opr	BOBJ1	42	95.7367	Before	Interior Girder 6	39.3167	0.95	1	1	3.698646
HS20_serv_opr	BOBJ1	42	95.7367	Before	Right Exterior Girder	39.3167	0.95	1	1	4.436583
HS20_serv_opr	BOBJ1	43	95.7367	After	Left Exterior Girder	39.3167	0.95	1	1	4.441761

TABLE: Bridge Super Rating AASHTORATE18 31 - SteelICompServ-Flx - Approach, Span 12-15										
Request	BridgeObj	BridgeCut	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	Unitless	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
HS20_serv_opr	BOBJ1	43	95.7367	After	Interior Girder 1	39.3167	0.95	1	1	3.681082
HS20_serv_opr	BOBJ1	43	95.7367	After	Interior Girder 2	39.3167	0.95	1	1	3.50912
HS20_serv_opr	BOBJ1	43	95.7367	After	Interior Girder 3	39.3167	0.95	1	1	3.423096
HS20_serv_opr	BOBJ1	43	95.7367	After	Interior Girder 4	39.3167	0.95	1	1	3.423096
HS20_serv_opr	BOBJ1	43	95.7367	After	Interior Girder 5	39.3167	0.95	1	1	3.50912
HS20_serv_opr	BOBJ1	43	95.7367	After	Interior Girder 6	39.3167	0.95	1	1	3.681082
HS20_serv_opr	BOBJ1	43	95.7367	After	Right Exterior Girder	39.3167	0.95	1	1	4.441761
HS20_serv_opr	BOBJ1	44	101.3533	Before	Left Exterior Girder	44.9333	0.95	1	1	5.526676
HS20_serv_opr	BOBJ1	44	101.3533	Before	Interior Girder 1	44.9333	0.95	1	1	4.306642
HS20_serv_opr	BOBJ1	44	101.3533	Before	Interior Girder 2	44.9333	0.95	1	1	4.085718
HS20_serv_opr	BOBJ1	44	101.3533	Before	Interior Girder 3	44.9333	0.95	1	1	3.995761
HS20_serv_opr	BOBJ1	44	101.3533	Before	Interior Girder 4	44.9333	0.95	1	1	3.995761
HS20_serv_opr	BOBJ1	44	101.3533	Before	Interior Girder 5	44.9333	0.95	1	1	4.085718
HS20_serv_opr	BOBJ1	44	101.3533	Before	Interior Girder 6	44.9333	0.95	1	1	4.306642
HS20_serv_opr	BOBJ1	44	101.3533	Before	Right Exterior Girder	44.9333	0.95	1	1	5.526676
HS20_serv_opr	BOBJ1	45	101.3533	After	Left Exterior Girder	44.9333	0.95	1	1	5.443174
HS20_serv_opr	BOBJ1	45	101.3533	After	Interior Girder 1	44.9333	0.95	1	1	4.3394
HS20_serv_opr	BOBJ1	45	101.3533	After	Interior Girder 2	44.9333	0.95	1	1	4.091461
HS20_serv_opr	BOBJ1	45	101.3533	After	Interior Girder 3	44.9333	0.95	1	1	3.958977
HS20_serv_opr	BOBJ1	45	101.3533	After	Interior Girder 4	44.9333	0.95	1	1	3.958977
HS20_serv_opr	BOBJ1	45	101.3533	After	Interior Girder 5	44.9333	0.95	1	1	4.091461
HS20_serv_opr	BOBJ1	45	101.3533	After	Interior Girder 6	44.9333	0.95	1	1	4.3394
HS20_serv_opr	BOBJ1	45	101.3533	After	Right Exterior Girder	44.9333	0.95	1	1	5.443174
HS20_serv_opr	BOBJ1	46	106.97	Before	Left Exterior Girder	50.55	0.95	1	1	7.292957
HS20_serv_opr	BOBJ1	46	106.97	Before	Interior Girder 1	50.55	0.95	1	1	6.245533
HS20_serv_opr	BOBJ1	46	106.97	Before	Interior Girder 2	50.55	0.95	1	1	5.731532
HS20_serv_opr	BOBJ1	46	106.97	Before	Interior Girder 3	50.55	0.95	1	1	5.614687
HS20_serv_opr	BOBJ1	46	106.97	Before	Interior Girder 4	50.55	0.95	1	1	5.614687
HS20_serv_opr	BOBJ1	46	106.97	Before	Interior Girder 5	50.55	0.95	1	1	5.731532
HS20_serv_opr	BOBJ1	46	106.97	Before	Interior Girder 6	50.55	0.95	1	1	6.245533
HS20_serv_opr	BOBJ1	46	106.97	Before	Right Exterior Girder	50.55	0.95	1	1	7.292957
HS20_serv_opr	BOBJ1	47	106.97	After	Left Exterior Girder	50.55	0.95	1	1	7.345739
HS20_serv_opr	BOBJ1	47	106.97	After	Interior Girder 1	50.55	0.95	1	1	6.251683
HS20_serv_opr	BOBJ1	47	106.97	After	Interior Girder 2	50.55	0.95	1	1	5.703159
HS20_serv_opr	BOBJ1	47	106.97	After	Interior Girder 3	50.55	0.95	1	1	5.528996
HS20_serv_opr	BOBJ1	47	106.97	After	Interior Girder 4	50.55	0.95	1	1	5.528996
HS20_serv_opr	BOBJ1	47	106.97	After	Interior Girder 5	50.55	0.95	1	1	5.703159
HS20_serv_opr	BOBJ1	47	106.97	After	Interior Girder 6	50.55	0.95	1	1	6.251683
HS20_serv_opr	BOBJ1	47	106.97	After	Right Exterior Girder	50.55	0.95	1	1	7.345739
HS20_serv_opr	BOBJ1	48	112.5933	Before	Left Exterior Girder	56.1733	0.95	1	1	5.450593
HS20_serv_opr	BOBJ1	48	112.5933	Before	Interior Girder 1	56.1733	0.95	1	1	5.657059
HS20_serv_opr	BOBJ1	48	112.5933	Before	Interior Girder 2	56.1733	0.95	1	1	5.389213
HS20_serv_opr	BOBJ1	48	112.5933	Before	Interior Girder 3	56.1733	0.95	1	1	5.441433
HS20_serv_opr	BOBJ1	48	112.5933	Before	Interior Girder 4	56.1733	0.95	1	1	5.441433
HS20_serv_opr	BOBJ1	48	112.5933	Before	Interior Girder 5	56.1733	0.95	1	1	5.389213
HS20_serv_opr	BOBJ1	48	112.5933	Before	Interior Girder 6	56.1733	0.95	1	1	5.657059
HS20_serv_opr	BOBJ1	48	112.5933	Before	Right Exterior Girder	56.1733	0.95	1	1	5.450593
HS20_serv_opr	BOBJ1	49	112.5933	After	Left Exterior Girder	56.1733	0.95	1	1	5.487048
HS20_serv_opr	BOBJ1	49	112.5933	After	Interior Girder 1	56.1733	0.95	1	1	5.627481
HS20_serv_opr	BOBJ1	49	112.5933	After	Interior Girder 2	56.1733	0.95	1	1	5.335301
HS20_serv_opr	BOBJ1	49	112.5933	After	Interior Girder 3	56.1733	0.95	1	1	5.398924
HS20_serv_opr	BOBJ1	49	112.5933	After	Interior Girder 4	56.1733	0.95	1	1	5.398924
HS20_serv_opr	BOBJ1	49	112.5933	After	Interior Girder 5	56.1733	0.95	1	1	5.335301
HS20_serv_opr	BOBJ1	49	112.5933	After	Interior Girder 6	56.1733	0.95	1	1	5.627481
HS20_serv_opr	BOBJ1	49	112.5933	After	Right Exterior Girder	56.1733	0.95	1	1	5.487048
HS20_serv_opr	BOBJ1	50	115.3396	Before	Left Exterior Girder	58.9196	0.95	1	1	4.608344
HS20_serv_opr	BOBJ1	50	115.3396	Before	Right Exterior Girder	58.9196	0.95	1	1	4.608344
HS20_serv_opr	BOBJ1	51	115.3396	After	Left Exterior Girder	58.9196	0.95	1	1	9.748415
HS20_serv_opr	BOBJ1	51	115.3396	After	Right Exterior Girder	58.9196	0.95	1	1	9.748415
HS20_serv_opr	BOBJ1	52	118.2167	Before	Left Exterior Girder	61.7967	0.95	1	1	8.636972
HS20_serv_opr	BOBJ1	52	118.2167	Before	Interior Girder 1	61.9198	0.95	1	1	4.200175
HS20_serv_opr	BOBJ1	52	118.2167	Before	Interior Girder 2	61.9198	0.95	1	1	3.987333
HS20_serv_opr	BOBJ1	52	118.2167	Before	Interior Girder 3	61.9198	0.95	1	1	3.787652
HS20_serv_opr	BOBJ1	52	118.2167	Before	Interior Girder 4	61.9198	0.95	1	1	3.787652
HS20_serv_opr	BOBJ1	52	118.2167	Before	Interior Girder 5	61.9198	0.95	1	1	3.987333
HS20_serv_opr	BOBJ1	52	118.2167	Before	Interior Girder 6	61.9198	0.95	1	1	4.200175
HS20_serv_opr	BOBJ1	52	118.2167	Before	Right Exterior Girder	61.7967	0.95	1	1	8.636972
HS20_serv_opr	BOBJ1	53	118.2167	After	Left Exterior Girder	61.7967	0.95	1	1	8.635532
HS20_serv_opr	BOBJ1	53	118.2167	After	Interior Girder 1	61.9198	0.95	1	1	6.253359
HS20_serv_opr	BOBJ1	53	118.2167	After	Interior Girder 2	61.9198	0.95	1	1	5.806018
HS20_serv_opr	BOBJ1	53	118.2167	After	Interior Girder 3	61.9198	0.95	1	1	5.568993
HS20_serv_opr	BOBJ1	53	118.2167	After	Interior Girder 4	61.9198	0.95	1	1	5.568993
HS20_serv_opr	BOBJ1	53	118.2167	After	Interior Girder 5	61.9198	0.95	1	1	5.806018

TABLE: Bridge Super Rating AASHTORATE18 31 - SteelICompServ-Flx - Approach, Span 12-15										
Request	BridgeObj	BridgeCut	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	Unitless	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
HS20_serv_opr	BOBJ1	53	118.2167	After	Interior Girder 6	61.9198	0.95	1	1	6.253359
HS20_serv_opr	BOBJ1	53	118.2167	After	Right Exterior Girder	61.7967	0.95	1	1	8.635532
HS20_serv_opr	BOBJ1	54	123.84	Before	Left Exterior Girder	67.42	0.95	1	1	6.436644
HS20_serv_opr	BOBJ1	54	123.84	Before	Interior Girder 1	67.42	0.95	1	1	4.206598
HS20_serv_opr	BOBJ1	54	123.84	Before	Interior Girder 2	67.42	0.95	1	1	3.857049
HS20_serv_opr	BOBJ1	54	123.84	Before	Interior Girder 3	67.42	0.95	1	1	3.263789
HS20_serv_opr	BOBJ1	54	123.84	Before	Interior Girder 4	67.42	0.95	1	1	3.263789
HS20_serv_opr	BOBJ1	54	123.84	Before	Interior Girder 5	67.42	0.95	1	1	3.857049
HS20_serv_opr	BOBJ1	54	123.84	Before	Interior Girder 6	67.42	0.95	1	1	4.206598
HS20_serv_opr	BOBJ1	54	123.84	Before	Right Exterior Girder	67.42	0.95	1	1	6.436644
HS20_serv_opr	BOBJ1	55	123.84	After	Left Exterior Girder	0	0.95	1	1	6.378243
HS20_serv_opr	BOBJ1	55	123.84	After	Interior Girder 1	0	0.95	1	1	4.212605
HS20_serv_opr	BOBJ1	55	123.84	After	Interior Girder 2	0	0.95	1	1	3.896506
HS20_serv_opr	BOBJ1	55	123.84	After	Interior Girder 3	0	0.95	1	1	3.293756
HS20_serv_opr	BOBJ1	55	123.84	After	Interior Girder 4	0	0.95	1	1	3.293756
HS20_serv_opr	BOBJ1	55	123.84	After	Interior Girder 5	0	0.95	1	1	3.896506
HS20_serv_opr	BOBJ1	55	123.84	After	Interior Girder 6	0	0.95	1	1	4.212605
HS20_serv_opr	BOBJ1	55	123.84	After	Right Exterior Girder	0	0.95	1	1	6.378243
HS20_serv_opr	BOBJ1	56	129.34	Before	Interior Girder 1	5.5	0.95	1	1	6.297654
HS20_serv_opr	BOBJ1	56	129.34	Before	Interior Girder 2	5.5	0.95	1	1	5.885484
HS20_serv_opr	BOBJ1	56	129.34	Before	Interior Girder 3	5.5	0.95	1	1	5.651442
HS20_serv_opr	BOBJ1	56	129.34	Before	Interior Girder 4	5.5	0.95	1	1	5.651442
HS20_serv_opr	BOBJ1	56	129.34	Before	Interior Girder 5	5.5	0.95	1	1	5.885484
HS20_serv_opr	BOBJ1	56	129.34	Before	Interior Girder 6	5.5	0.95	1	1	6.297654
HS20_serv_opr	BOBJ1	57	129.34	After	Interior Girder 1	5.5	0.95	1	1	4.283133
HS20_serv_opr	BOBJ1	57	129.34	After	Interior Girder 2	5.5	0.95	1	1	4.026642
HS20_serv_opr	BOBJ1	57	129.34	After	Interior Girder 3	5.5	0.95	1	1	3.838852
HS20_serv_opr	BOBJ1	57	129.34	After	Interior Girder 4	5.5	0.95	1	1	3.838852
HS20_serv_opr	BOBJ1	57	129.34	After	Interior Girder 5	5.5	0.95	1	1	4.026642
HS20_serv_opr	BOBJ1	57	129.34	After	Interior Girder 6	5.5	0.95	1	1	4.283133
HS20_serv_opr	BOBJ1	58	130.79	Before	Left Exterior Girder	6.95	0.95	1	1	9.179035
HS20_serv_opr	BOBJ1	58	130.79	Before	Interior Girder 1	6.95	0.95	1	1	4.662661
HS20_serv_opr	BOBJ1	58	130.79	Before	Interior Girder 2	6.95	0.95	1	1	4.351314
HS20_serv_opr	BOBJ1	58	130.79	Before	Interior Girder 3	6.95	0.95	1	1	4.239601
HS20_serv_opr	BOBJ1	58	130.79	Before	Interior Girder 4	6.95	0.95	1	1	4.239601
HS20_serv_opr	BOBJ1	58	130.79	Before	Interior Girder 5	6.95	0.95	1	1	4.351314
HS20_serv_opr	BOBJ1	58	130.79	Before	Interior Girder 6	6.95	0.95	1	1	4.662661
HS20_serv_opr	BOBJ1	58	130.79	Before	Right Exterior Girder	6.95	0.95	1	1	9.179035
HS20_serv_opr	BOBJ1	59	130.79	After	Left Exterior Girder	6.95	0.95	1	1	9.255961
HS20_serv_opr	BOBJ1	59	130.79	After	Interior Girder 1	6.95	0.95	1	1	4.640237
HS20_serv_opr	BOBJ1	59	130.79	After	Interior Girder 2	6.95	0.95	1	1	4.388469
HS20_serv_opr	BOBJ1	59	130.79	After	Interior Girder 3	6.95	0.95	1	1	4.26637
HS20_serv_opr	BOBJ1	59	130.79	After	Interior Girder 4	6.95	0.95	1	1	4.26637
HS20_serv_opr	BOBJ1	59	130.79	After	Interior Girder 5	6.95	0.95	1	1	4.388469
HS20_serv_opr	BOBJ1	59	130.79	After	Interior Girder 6	6.95	0.95	1	1	4.640237
HS20_serv_opr	BOBJ1	59	130.79	After	Right Exterior Girder	6.95	0.95	1	1	9.255961
HS20_serv_opr	BOBJ1	60	132.34	Before	Left Exterior Girder	8.5	0.95	1	1	9.922188
HS20_serv_opr	BOBJ1	60	132.34	Before	Right Exterior Girder	8.5	0.95	1	1	9.922188
HS20_serv_opr	BOBJ1	61	132.34	After	Left Exterior Girder	8.5	0.95	1	1	4.638562
HS20_serv_opr	BOBJ1	61	132.34	After	Right Exterior Girder	8.5	0.95	1	1	4.638562
HS20_serv_opr	BOBJ1	62	137.74	Before	Left Exterior Girder	13.9	0.95	1	1	6.386121
HS20_serv_opr	BOBJ1	62	137.74	Before	Interior Girder 1	13.9	0.95	1	1	6.461589
HS20_serv_opr	BOBJ1	62	137.74	Before	Interior Girder 2	13.9	0.95	1	1	6.227567
HS20_serv_opr	BOBJ1	62	137.74	Before	Interior Girder 3	13.9	0.95	1	1	6.502476
HS20_serv_opr	BOBJ1	62	137.74	Before	Interior Girder 4	13.9	0.95	1	1	6.502476
HS20_serv_opr	BOBJ1	62	137.74	Before	Interior Girder 5	13.9	0.95	1	1	6.227567
HS20_serv_opr	BOBJ1	62	137.74	Before	Interior Girder 6	13.9	0.95	1	1	6.461589
HS20_serv_opr	BOBJ1	62	137.74	Before	Right Exterior Girder	13.9	0.95	1	1	6.386121
HS20_serv_opr	BOBJ1	63	137.74	After	Left Exterior Girder	13.9	0.95	1	1	6.33755
HS20_serv_opr	BOBJ1	63	137.74	After	Interior Girder 1	13.9	0.95	1	1	6.497443
HS20_serv_opr	BOBJ1	63	137.74	After	Interior Girder 2	13.9	0.95	1	1	6.274937
HS20_serv_opr	BOBJ1	63	137.74	After	Interior Girder 3	13.9	0.95	1	1	6.512124
HS20_serv_opr	BOBJ1	63	137.74	After	Interior Girder 4	13.9	0.95	1	1	6.512124
HS20_serv_opr	BOBJ1	63	137.74	After	Interior Girder 5	13.9	0.95	1	1	6.274937
HS20_serv_opr	BOBJ1	63	137.74	After	Interior Girder 6	13.9	0.95	1	1	6.497443
HS20_serv_opr	BOBJ1	63	137.74	After	Right Exterior Girder	13.9	0.95	1	1	6.33755
HS20_serv_opr	BOBJ1	64	143.7733	Before	Left Exterior Girder	19.9333	0.95	1	1	6.458147
HS20_serv_opr	BOBJ1	64	143.7733	Before	Interior Girder 1	19.9333	0.95	1	1	4.838889
HS20_serv_opr	BOBJ1	64	143.7733	Before	Interior Girder 2	19.9333	0.95	1	1	4.539825
HS20_serv_opr	BOBJ1	64	143.7733	Before	Interior Girder 3	19.9333	0.95	1	1	4.384227
HS20_serv_opr	BOBJ1	64	143.7733	Before	Interior Girder 4	19.9333	0.95	1	1	4.384227
HS20_serv_opr	BOBJ1	64	143.7733	Before	Interior Girder 5	19.9333	0.95	1	1	4.539825
HS20_serv_opr	BOBJ1	64	143.7733	Before	Interior Girder 6	19.9333	0.95	1	1	4.838889

TABLE: Bridge Super Rating AASHTORATE18 31 - SteelICompServ-Flx - Approach, Span 12-15										
Request	BridgeObj	BridgeCut	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	Unitless	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
HS20_serv_opr	BOBJ1	64	143.7733	Before	Right Exterior Girder	19.9333	0.95	1	1	6.458147
HS20_serv_opr	BOBJ1	65	143.7733	After	Left Exterior Girder	19.9333	0.95	1	1	6.564813
HS20_serv_opr	BOBJ1	65	143.7733	After	Interior Girder 1	19.9333	0.95	1	1	4.793329
HS20_serv_opr	BOBJ1	65	143.7733	After	Interior Girder 2	19.9333	0.95	1	1	4.546501
HS20_serv_opr	BOBJ1	65	143.7733	After	Interior Girder 3	19.9333	0.95	1	1	4.452244
HS20_serv_opr	BOBJ1	65	143.7733	After	Interior Girder 4	19.9333	0.95	1	1	4.452244
HS20_serv_opr	BOBJ1	65	143.7733	After	Interior Girder 5	19.9333	0.95	1	1	4.546501
HS20_serv_opr	BOBJ1	65	143.7733	After	Interior Girder 6	19.9333	0.95	1	1	4.793329
HS20_serv_opr	BOBJ1	65	143.7733	After	Right Exterior Girder	19.9333	0.95	1	1	6.564813
HS20_serv_opr	BOBJ1	66	149.8067	Before	Left Exterior Girder	25.9667	0.95	1	1	4.714553
HS20_serv_opr	BOBJ1	66	149.8067	Before	Interior Girder 1	25.9667	0.95	1	1	3.809412
HS20_serv_opr	BOBJ1	66	149.8067	Before	Interior Girder 2	25.9667	0.95	1	1	3.617416
HS20_serv_opr	BOBJ1	66	149.8067	Before	Interior Girder 3	25.9667	0.95	1	1	3.528774
HS20_serv_opr	BOBJ1	66	149.8067	Before	Interior Girder 4	25.9667	0.95	1	1	3.528774
HS20_serv_opr	BOBJ1	66	149.8067	Before	Interior Girder 5	25.9667	0.95	1	1	3.617416
HS20_serv_opr	BOBJ1	66	149.8067	Before	Interior Girder 6	25.9667	0.95	1	1	3.809412
HS20_serv_opr	BOBJ1	66	149.8067	Before	Right Exterior Girder	25.9667	0.95	1	1	4.714553
HS20_serv_opr	BOBJ1	67	149.8067	After	Left Exterior Girder	25.9667	0.95	1	1	4.711329
HS20_serv_opr	BOBJ1	67	149.8067	After	Interior Girder 1	25.9667	0.95	1	1	3.822018
HS20_serv_opr	BOBJ1	67	149.8067	After	Interior Girder 2	25.9667	0.95	1	1	3.647433
HS20_serv_opr	BOBJ1	67	149.8067	After	Interior Girder 3	25.9667	0.95	1	1	3.585267
HS20_serv_opr	BOBJ1	67	149.8067	After	Interior Girder 4	25.9667	0.95	1	1	3.585267
HS20_serv_opr	BOBJ1	67	149.8067	After	Interior Girder 5	25.9667	0.95	1	1	3.647433
HS20_serv_opr	BOBJ1	67	149.8067	After	Interior Girder 6	25.9667	0.95	1	1	3.822018
HS20_serv_opr	BOBJ1	67	149.8067	After	Right Exterior Girder	25.9667	0.95	1	1	4.711329
HS20_serv_opr	BOBJ1	68	155.84	Before	Left Exterior Girder	32	0.95	1	1	3.996945
HS20_serv_opr	BOBJ1	68	155.84	Before	Interior Girder 1	32	0.95	1	1	3.653768
HS20_serv_opr	BOBJ1	68	155.84	Before	Interior Girder 2	32	0.95	1	1	3.47837
HS20_serv_opr	BOBJ1	68	155.84	Before	Interior Girder 3	32	0.95	1	1	3.416375
HS20_serv_opr	BOBJ1	68	155.84	Before	Interior Girder 4	32	0.95	1	1	3.416375
HS20_serv_opr	BOBJ1	68	155.84	Before	Interior Girder 5	32	0.95	1	1	3.47837
HS20_serv_opr	BOBJ1	68	155.84	Before	Interior Girder 6	32	0.95	1	1	3.653768
HS20_serv_opr	BOBJ1	68	155.84	Before	Right Exterior Girder	32	0.95	1	1	3.996945
HS20_serv_opr	BOBJ1	69	155.84	After	Left Exterior Girder	32	0.95	1	1	4.01066
HS20_serv_opr	BOBJ1	69	155.84	After	Interior Girder 1	32	0.95	1	1	3.647376
HS20_serv_opr	BOBJ1	69	155.84	After	Interior Girder 2	32	0.95	1	1	3.475068
HS20_serv_opr	BOBJ1	69	155.84	After	Interior Girder 3	32	0.95	1	1	3.425053
HS20_serv_opr	BOBJ1	69	155.84	After	Interior Girder 4	32	0.95	1	1	3.425053
HS20_serv_opr	BOBJ1	69	155.84	After	Interior Girder 5	32	0.95	1	1	3.475068
HS20_serv_opr	BOBJ1	69	155.84	After	Interior Girder 6	32	0.95	1	1	3.647376
HS20_serv_opr	BOBJ1	69	155.84	After	Right Exterior Girder	32	0.95	1	1	4.01066
HS20_serv_opr	BOBJ1	70	161.8733	Before	Left Exterior Girder	38.0333	0.95	1	1	4.29857
HS20_serv_opr	BOBJ1	70	161.8733	Before	Interior Girder 1	38.0333	0.95	1	1	3.574683
HS20_serv_opr	BOBJ1	70	161.8733	Before	Interior Girder 2	38.0333	0.95	1	1	3.410282
HS20_serv_opr	BOBJ1	70	161.8733	Before	Interior Girder 3	38.0333	0.95	1	1	3.342497
HS20_serv_opr	BOBJ1	70	161.8733	Before	Interior Girder 4	38.0333	0.95	1	1	3.342497
HS20_serv_opr	BOBJ1	70	161.8733	Before	Interior Girder 5	38.0333	0.95	1	1	3.410282
HS20_serv_opr	BOBJ1	70	161.8733	Before	Interior Girder 6	38.0333	0.95	1	1	3.574683
HS20_serv_opr	BOBJ1	70	161.8733	Before	Right Exterior Girder	38.0333	0.95	1	1	4.29857
HS20_serv_opr	BOBJ1	71	161.8733	After	Left Exterior Girder	38.0333	0.95	1	1	4.309318
HS20_serv_opr	BOBJ1	71	161.8733	After	Interior Girder 1	38.0333	0.95	1	1	3.552382
HS20_serv_opr	BOBJ1	71	161.8733	After	Interior Girder 2	38.0333	0.95	1	1	3.384751
HS20_serv_opr	BOBJ1	71	161.8733	After	Interior Girder 3	38.0333	0.95	1	1	3.300283
HS20_serv_opr	BOBJ1	71	161.8733	After	Interior Girder 4	38.0333	0.95	1	1	3.300283
HS20_serv_opr	BOBJ1	71	161.8733	After	Interior Girder 5	38.0333	0.95	1	1	3.384751
HS20_serv_opr	BOBJ1	71	161.8733	After	Interior Girder 6	38.0333	0.95	1	1	3.552382
HS20_serv_opr	BOBJ1	71	161.8733	After	Right Exterior Girder	38.0333	0.95	1	1	4.309318
HS20_serv_opr	BOBJ1	72	167.9067	Before	Left Exterior Girder	44.0667	0.95	1	1	5.298954
HS20_serv_opr	BOBJ1	72	167.9067	Before	Interior Girder 1	44.0667	0.95	1	1	4.106686
HS20_serv_opr	BOBJ1	72	167.9067	Before	Interior Girder 2	44.0667	0.95	1	1	3.890897
HS20_serv_opr	BOBJ1	72	167.9067	Before	Interior Girder 3	44.0667	0.95	1	1	3.805842
HS20_serv_opr	BOBJ1	72	167.9067	Before	Interior Girder 4	44.0667	0.95	1	1	3.805842
HS20_serv_opr	BOBJ1	72	167.9067	Before	Interior Girder 5	44.0667	0.95	1	1	3.890897
HS20_serv_opr	BOBJ1	72	167.9067	Before	Interior Girder 6	44.0667	0.95	1	1	4.106686
HS20_serv_opr	BOBJ1	72	167.9067	Before	Right Exterior Girder	44.0667	0.95	1	1	5.298954
HS20_serv_opr	BOBJ1	73	167.9067	After	Left Exterior Girder	44.0667	0.95	1	1	5.215695
HS20_serv_opr	BOBJ1	73	167.9067	After	Interior Girder 1	44.0667	0.95	1	1	4.139172
HS20_serv_opr	BOBJ1	73	167.9067	After	Interior Girder 2	44.0667	0.95	1	1	3.896385
HS20_serv_opr	BOBJ1	73	167.9067	After	Interior Girder 3	44.0667	0.95	1	1	3.767072
HS20_serv_opr	BOBJ1	73	167.9067	After	Interior Girder 4	44.0667	0.95	1	1	3.767072
HS20_serv_opr	BOBJ1	73	167.9067	After	Interior Girder 5	44.0667	0.95	1	1	3.896385
HS20_serv_opr	BOBJ1	73	167.9067	After	Interior Girder 6	44.0667	0.95	1	1	4.139172
HS20_serv_opr	BOBJ1	73	167.9067	After	Right Exterior Girder	44.0667	0.95	1	1	5.215695

TABLE: Bridge Super Rating AASHTORATE18 31 - SteelICompServ-Flx - Approach, Span 12-15										
Request	BridgeObj	BridgeCut	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	Unitless	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
HS20_serv_opr	BOBJ1	74	173.94	Before	Left Exterior Girder	50.1	0.95	1	1	7.477208
HS20_serv_opr	BOBJ1	74	173.94	Before	Interior Girder 1	50.1	0.95	1	1	6.003455
HS20_serv_opr	BOBJ1	74	173.94	Before	Interior Girder 2	50.1	0.95	1	1	5.48805
HS20_serv_opr	BOBJ1	74	173.94	Before	Interior Girder 3	50.1	0.95	1	1	5.353579
HS20_serv_opr	BOBJ1	74	173.94	Before	Interior Girder 4	50.1	0.95	1	1	5.353579
HS20_serv_opr	BOBJ1	74	173.94	Before	Interior Girder 5	50.1	0.95	1	1	5.48805
HS20_serv_opr	BOBJ1	74	173.94	Before	Interior Girder 6	50.1	0.95	1	1	6.003455
HS20_serv_opr	BOBJ1	74	173.94	Before	Right Exterior Girder	50.1	0.95	1	1	7.477208
HS20_serv_opr	BOBJ1	75	173.94	After	Left Exterior Girder	50.1	0.95	1	1	7.42109
HS20_serv_opr	BOBJ1	75	173.94	After	Interior Girder 1	50.1	0.95	1	1	6.008319
HS20_serv_opr	BOBJ1	75	173.94	After	Interior Girder 2	50.1	0.95	1	1	5.461419
HS20_serv_opr	BOBJ1	75	173.94	After	Interior Girder 3	50.1	0.95	1	1	5.285758
HS20_serv_opr	BOBJ1	75	173.94	After	Interior Girder 4	50.1	0.95	1	1	5.285758
HS20_serv_opr	BOBJ1	75	173.94	After	Interior Girder 5	50.1	0.95	1	1	5.461419
HS20_serv_opr	BOBJ1	75	173.94	After	Interior Girder 6	50.1	0.95	1	1	6.008319
HS20_serv_opr	BOBJ1	75	173.94	After	Right Exterior Girder	50.1	0.95	1	1	7.42109
HS20_serv_opr	BOBJ1	76	179.98	Before	Left Exterior Girder	56.14	0.95	1	1	7.291363
HS20_serv_opr	BOBJ1	76	179.98	Before	Interior Girder 1	56.14	0.95	1	1	7.315128
HS20_serv_opr	BOBJ1	76	179.98	Before	Interior Girder 2	56.14	0.95	1	1	6.89167
HS20_serv_opr	BOBJ1	76	179.98	Before	Interior Girder 3	56.14	0.95	1	1	6.86142
HS20_serv_opr	BOBJ1	76	179.98	Before	Interior Girder 4	56.14	0.95	1	1	6.86142
HS20_serv_opr	BOBJ1	76	179.98	Before	Interior Girder 5	56.14	0.95	1	1	6.89167
HS20_serv_opr	BOBJ1	76	179.98	Before	Interior Girder 6	56.14	0.95	1	1	7.315128
HS20_serv_opr	BOBJ1	76	179.98	Before	Right Exterior Girder	56.14	0.95	1	1	7.291363
HS20_serv_opr	BOBJ1	77	179.98	After	Left Exterior Girder	56.14	0.95	1	1	7.346702
HS20_serv_opr	BOBJ1	77	179.98	After	Interior Girder 1	56.14	0.95	1	1	7.267771
HS20_serv_opr	BOBJ1	77	179.98	After	Interior Girder 2	56.14	0.95	1	1	6.7861
HS20_serv_opr	BOBJ1	77	179.98	After	Interior Girder 3	56.14	0.95	1	1	6.773715
HS20_serv_opr	BOBJ1	77	179.98	After	Interior Girder 4	56.14	0.95	1	1	6.773715
HS20_serv_opr	BOBJ1	77	179.98	After	Interior Girder 5	56.14	0.95	1	1	6.7861
HS20_serv_opr	BOBJ1	77	179.98	After	Interior Girder 6	56.14	0.95	1	1	7.267771
HS20_serv_opr	BOBJ1	77	179.98	After	Right Exterior Girder	56.14	0.95	1	1	7.346702
HS20_serv_opr	BOBJ1	78	183.56	Before	Left Exterior Girder	59.72	0.95	1	1	5.905759
HS20_serv_opr	BOBJ1	78	183.56	Before	Right Exterior Girder	59.72	0.95	1	1	5.905759
HS20_serv_opr	BOBJ1	79	183.56	After	Left Exterior Girder	59.72	0.95	1	1	13.402757
HS20_serv_opr	BOBJ1	79	183.56	After	Right Exterior Girder	59.72	0.95	1	1	13.402757
HS20_serv_opr	BOBJ1	80	186.02	Before	Left Exterior Girder	62.18	0.95	1	1	12.118545
HS20_serv_opr	BOBJ1	80	186.02	Before	Interior Girder 1	62.22	0.95	1	1	5.290728
HS20_serv_opr	BOBJ1	80	186.02	Before	Interior Girder 2	62.22	0.95	1	1	4.978048
HS20_serv_opr	BOBJ1	80	186.02	Before	Interior Girder 3	62.22	0.95	1	1	4.632948
HS20_serv_opr	BOBJ1	80	186.02	Before	Interior Girder 4	62.22	0.95	1	1	4.632948
HS20_serv_opr	BOBJ1	80	186.02	Before	Interior Girder 5	62.22	0.95	1	1	4.978048
HS20_serv_opr	BOBJ1	80	186.02	Before	Interior Girder 6	62.22	0.95	1	1	5.290728
HS20_serv_opr	BOBJ1	80	186.02	Before	Right Exterior Girder	62.18	0.95	1	1	12.118545
HS20_serv_opr	BOBJ1	81	186.02	After	Left Exterior Girder	62.18	0.95	1	1	12.181433
HS20_serv_opr	BOBJ1	81	186.02	After	Interior Girder 1	62.22	0.95	1	1	8.29881
HS20_serv_opr	BOBJ1	81	186.02	After	Interior Girder 2	62.22	0.95	1	1	7.612515
HS20_serv_opr	BOBJ1	81	186.02	After	Interior Girder 3	62.22	0.95	1	1	7.15761
HS20_serv_opr	BOBJ1	81	186.02	After	Interior Girder 4	62.22	0.95	1	1	7.15761
HS20_serv_opr	BOBJ1	81	186.02	After	Interior Girder 5	62.22	0.95	1	1	7.612515
HS20_serv_opr	BOBJ1	81	186.02	After	Interior Girder 6	62.22	0.95	1	1	8.29881
HS20_serv_opr	BOBJ1	81	186.02	After	Right Exterior Girder	62.18	0.95	1	1	12.181433
HS20_serv_opr	BOBJ1	82	192.06	Before	Left Exterior Girder	68.22	0.95	1	1	6.381977
HS20_serv_opr	BOBJ1	82	192.06	Before	Interior Girder 1	68.22	0.95	1	1	4.09588
HS20_serv_opr	BOBJ1	82	192.06	Before	Interior Girder 2	68.22	0.95	1	1	3.850961
HS20_serv_opr	BOBJ1	82	192.06	Before	Interior Girder 3	68.22	0.95	1	1	3.323464
HS20_serv_opr	BOBJ1	82	192.06	Before	Interior Girder 4	68.22	0.95	1	1	3.323464
HS20_serv_opr	BOBJ1	82	192.06	Before	Interior Girder 5	68.22	0.95	1	1	3.850961
HS20_serv_opr	BOBJ1	82	192.06	Before	Interior Girder 6	68.22	0.95	1	1	4.09588
HS20_serv_opr	BOBJ1	82	192.06	Before	Right Exterior Girder	68.22	0.95	1	1	6.381977
HS20_serv_opr	BOBJ1	83	192.06	After	Left Exterior Girder	0	0.95	1	1	6.135172
HS20_serv_opr	BOBJ1	83	192.06	After	Interior Girder 1	0	0.95	1	1	4.57261
HS20_serv_opr	BOBJ1	83	192.06	After	Interior Girder 2	0	0.95	1	1	4.215018
HS20_serv_opr	BOBJ1	83	192.06	After	Interior Girder 3	0	0.95	1	1	3.629156
HS20_serv_opr	BOBJ1	83	192.06	After	Interior Girder 4	0	0.95	1	1	3.629156
HS20_serv_opr	BOBJ1	83	192.06	After	Interior Girder 5	0	0.95	1	1	4.215018
HS20_serv_opr	BOBJ1	83	192.06	After	Interior Girder 6	0	0.95	1	1	4.57261
HS20_serv_opr	BOBJ1	83	192.06	After	Right Exterior Girder	0	0.95	1	1	6.135172
HS20_serv_opr	BOBJ1	84	197.087	Before	Interior Girder 1	5.027	0.95	1	1	5.875678
HS20_serv_opr	BOBJ1	84	197.087	Before	Interior Girder 2	5.027	0.95	1	1	5.479165
HS20_serv_opr	BOBJ1	84	197.087	Before	Interior Girder 3	5.027	0.95	1	1	5.378094
HS20_serv_opr	BOBJ1	84	197.087	Before	Interior Girder 4	5.027	0.95	1	1	5.378094
HS20_serv_opr	BOBJ1	84	197.087	Before	Interior Girder 5	5.027	0.95	1	1	5.479165

TABLE: Bridge Super Rating AASHTORATE18 31 - SteelICompServ-Flx - Approach, Span 12-15										
Request	BridgeObj	BridgeCut	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	Unitless	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
HS20_serv_opr	BOBJ1	84	197.087	Before	Interior Girder 6	5.027	0.95	1	1	5.875678
HS20_serv_opr	BOBJ1	85	197.087	After	Interior Girder 1	5.027	0.95	1	1	3.73902
HS20_serv_opr	BOBJ1	85	197.087	After	Interior Girder 2	5.027	0.95	1	1	3.494488
HS20_serv_opr	BOBJ1	85	197.087	After	Interior Girder 3	5.027	0.95	1	1	3.415062
HS20_serv_opr	BOBJ1	85	197.087	After	Interior Girder 4	5.027	0.95	1	1	3.415062
HS20_serv_opr	BOBJ1	85	197.087	After	Interior Girder 5	5.027	0.95	1	1	3.494488
HS20_serv_opr	BOBJ1	85	197.087	After	Interior Girder 6	5.027	0.95	1	1	3.73902
HS20_serv_opr	BOBJ1	86	197.91	Before	Left Exterior Girder	5.85	0.95	1	1	8.141328
HS20_serv_opr	BOBJ1	86	197.91	Before	Interior Girder 1	5.85	0.95	1	1	3.924962
HS20_serv_opr	BOBJ1	86	197.91	Before	Interior Girder 2	5.85	0.95	1	1	3.645102
HS20_serv_opr	BOBJ1	86	197.91	Before	Interior Girder 3	5.85	0.95	1	1	3.621175
HS20_serv_opr	BOBJ1	86	197.91	Before	Interior Girder 4	5.85	0.95	1	1	3.621175
HS20_serv_opr	BOBJ1	86	197.91	Before	Interior Girder 5	5.85	0.95	1	1	3.645102
HS20_serv_opr	BOBJ1	86	197.91	Before	Interior Girder 6	5.85	0.95	1	1	3.924962
HS20_serv_opr	BOBJ1	86	197.91	Before	Right Exterior Girder	5.85	0.95	1	1	8.141328
HS20_serv_opr	BOBJ1	87	197.91	After	Left Exterior Girder	5.85	0.95	1	1	8.187776
HS20_serv_opr	BOBJ1	87	197.91	After	Interior Girder 1	5.85	0.95	1	1	3.924872
HS20_serv_opr	BOBJ1	87	197.91	After	Interior Girder 2	5.85	0.95	1	1	3.671768
HS20_serv_opr	BOBJ1	87	197.91	After	Interior Girder 3	5.85	0.95	1	1	3.624255
HS20_serv_opr	BOBJ1	87	197.91	After	Interior Girder 4	5.85	0.95	1	1	3.624255
HS20_serv_opr	BOBJ1	87	197.91	After	Interior Girder 5	5.85	0.95	1	1	3.671768
HS20_serv_opr	BOBJ1	87	197.91	After	Interior Girder 6	5.85	0.95	1	1	3.924872
HS20_serv_opr	BOBJ1	87	197.91	After	Right Exterior Girder	5.85	0.95	1	1	8.187776
HS20_serv_opr	BOBJ1	88	199.1816	Before	Left Exterior Girder	7.1216	0.95	1	1	8.643537
HS20_serv_opr	BOBJ1	88	199.1816	Before	Right Exterior Girder	7.1216	0.95	1	1	8.643537
HS20_serv_opr	BOBJ1	89	199.1816	After	Left Exterior Girder	7.1216	0.95	1	1	3.723704
HS20_serv_opr	BOBJ1	89	199.1816	After	Right Exterior Girder	7.1216	0.95	1	1	3.723704
HS20_serv_opr	BOBJ1	90	203.5267	Before	Left Exterior Girder	11.3107	0.95	1	1	4.912187
HS20_serv_opr	BOBJ1	90	203.5267	Before	Interior Girder 1	11.3107	0.95	1	1	5.197141
HS20_serv_opr	BOBJ1	90	203.5267	Before	Interior Girder 2	11.3107	0.95	1	1	4.893439
HS20_serv_opr	BOBJ1	90	203.5267	Before	Interior Girder 3	11.3107	0.95	1	1	5.042009
HS20_serv_opr	BOBJ1	90	203.5267	Before	Interior Girder 4	11.3107	0.95	1	1	5.042009
HS20_serv_opr	BOBJ1	90	203.5267	Before	Interior Girder 5	11.3107	0.95	1	1	4.893439
HS20_serv_opr	BOBJ1	90	203.5267	Before	Interior Girder 6	11.3107	0.95	1	1	5.197141
HS20_serv_opr	BOBJ1	90	203.5267	Before	Right Exterior Girder	11.3107	0.95	1	1	4.912187
HS20_serv_opr	BOBJ1	91	203.5267	After	Left Exterior Girder	11.3107	0.95	1	1	7.832096
HS20_serv_opr	BOBJ1	91	203.5267	After	Interior Girder 1	11.3107	0.95	1	1	8.160483
HS20_serv_opr	BOBJ1	91	203.5267	After	Interior Girder 2	11.3107	0.95	1	1	7.78103
HS20_serv_opr	BOBJ1	91	203.5267	After	Interior Girder 3	11.3107	0.95	1	1	7.963352
HS20_serv_opr	BOBJ1	91	203.5267	After	Interior Girder 4	11.3107	0.95	1	1	7.963352
HS20_serv_opr	BOBJ1	91	203.5267	After	Interior Girder 5	11.3107	0.95	1	1	7.78103
HS20_serv_opr	BOBJ1	91	203.5267	After	Interior Girder 6	11.3107	0.95	1	1	8.160483
HS20_serv_opr	BOBJ1	91	203.5267	After	Right Exterior Girder	11.3107	0.95	1	1	7.832096
HS20_serv_opr	BOBJ1	92	209.1433	Before	Left Exterior Girder	17.0833	0.95	1	1	8.657507
HS20_serv_opr	BOBJ1	92	209.1433	Before	Interior Girder 1	17.0833	0.95	1	1	6.98264
HS20_serv_opr	BOBJ1	92	209.1433	Before	Interior Girder 2	17.0833	0.95	1	1	6.48607
HS20_serv_opr	BOBJ1	92	209.1433	Before	Interior Girder 3	17.0833	0.95	1	1	6.334736
HS20_serv_opr	BOBJ1	92	209.1433	Before	Interior Girder 4	17.0833	0.95	1	1	6.334736
HS20_serv_opr	BOBJ1	92	209.1433	Before	Interior Girder 5	17.0833	0.95	1	1	6.48607
HS20_serv_opr	BOBJ1	92	209.1433	Before	Interior Girder 6	17.0833	0.95	1	1	6.98264
HS20_serv_opr	BOBJ1	92	209.1433	Before	Right Exterior Girder	17.0833	0.95	1	1	8.657507
HS20_serv_opr	BOBJ1	93	209.1433	After	Left Exterior Girder	17.0833	0.95	1	1	8.528532
HS20_serv_opr	BOBJ1	93	209.1433	After	Interior Girder 1	17.0833	0.95	1	1	7.034448
HS20_serv_opr	BOBJ1	93	209.1433	After	Interior Girder 2	17.0833	0.95	1	1	6.57826
HS20_serv_opr	BOBJ1	93	209.1433	After	Interior Girder 3	17.0833	0.95	1	1	6.473805
HS20_serv_opr	BOBJ1	93	209.1433	After	Interior Girder 4	17.0833	0.95	1	1	6.473805
HS20_serv_opr	BOBJ1	93	209.1433	After	Interior Girder 5	17.0833	0.95	1	1	6.57826
HS20_serv_opr	BOBJ1	93	209.1433	After	Interior Girder 6	17.0833	0.95	1	1	7.034448
HS20_serv_opr	BOBJ1	93	209.1433	After	Right Exterior Girder	17.0833	0.95	1	1	8.528532
HS20_serv_opr	BOBJ1	94	214.76	Before	Left Exterior Girder	22.7	0.95	1	1	6.439179
HS20_serv_opr	BOBJ1	94	214.76	Before	Interior Girder 1	22.7	0.95	1	1	5.579878
HS20_serv_opr	BOBJ1	94	214.76	Before	Interior Girder 2	22.7	0.95	1	1	5.210954
HS20_serv_opr	BOBJ1	94	214.76	Before	Interior Girder 3	22.7	0.95	1	1	5.100888
HS20_serv_opr	BOBJ1	94	214.76	Before	Interior Girder 4	22.7	0.95	1	1	5.100888
HS20_serv_opr	BOBJ1	94	214.76	Before	Interior Girder 5	22.7	0.95	1	1	5.210954
HS20_serv_opr	BOBJ1	94	214.76	Before	Interior Girder 6	22.7	0.95	1	1	5.579878
HS20_serv_opr	BOBJ1	94	214.76	Before	Right Exterior Girder	22.7	0.95	1	1	6.439179
HS20_serv_opr	BOBJ1	95	214.76	After	Left Exterior Girder	22.7	0.95	1	1	6.438672
HS20_serv_opr	BOBJ1	95	214.76	After	Interior Girder 1	22.7	0.95	1	1	5.56679
HS20_serv_opr	BOBJ1	95	214.76	After	Interior Girder 2	22.7	0.95	1	1	5.231199
HS20_serv_opr	BOBJ1	95	214.76	After	Interior Girder 3	22.7	0.95	1	1	5.142499
HS20_serv_opr	BOBJ1	95	214.76	After	Interior Girder 4	22.7	0.95	1	1	5.142499
HS20_serv_opr	BOBJ1	95	214.76	After	Interior Girder 5	22.7	0.95	1	1	5.231199

TABLE: Bridge Super Rating AASHTORATE18 31 - SteelICompServ-Flx - Approach, Span 12-15										
Request	BridgeObj	BridgeCut	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	Unitless	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
HS20_serv_opr	BOBJ1	95	214.76	After	Interior Girder 6	22.7	0.95	1	1	5.56679
HS20_serv_opr	BOBJ1	95	214.76	After	Right Exterior Girder	22.7	0.95	1	1	6.438672
HS20_serv_opr	BOBJ1	96	220.3767	Before	Left Exterior Girder	28.3167	0.95	1	1	5.986324
HS20_serv_opr	BOBJ1	96	220.3767	Before	Interior Girder 1	28.3167	0.95	1	1	4.753518
HS20_serv_opr	BOBJ1	96	220.3767	Before	Interior Girder 2	28.3167	0.95	1	1	4.490436
HS20_serv_opr	BOBJ1	96	220.3767	Before	Interior Girder 3	28.3167	0.95	1	1	4.349669
HS20_serv_opr	BOBJ1	96	220.3767	Before	Interior Girder 4	28.3167	0.95	1	1	4.349669
HS20_serv_opr	BOBJ1	96	220.3767	Before	Interior Girder 5	28.3167	0.95	1	1	4.490436
HS20_serv_opr	BOBJ1	96	220.3767	Before	Interior Girder 6	28.3167	0.95	1	1	4.753518
HS20_serv_opr	BOBJ1	96	220.3767	Before	Right Exterior Girder	28.3167	0.95	1	1	5.986324
HS20_serv_opr	BOBJ1	97	220.3767	After	Left Exterior Girder	28.3167	0.95	1	1	6.019859
HS20_serv_opr	BOBJ1	97	220.3767	After	Interior Girder 1	28.3167	0.95	1	1	4.745735
HS20_serv_opr	BOBJ1	97	220.3767	After	Interior Girder 2	28.3167	0.95	1	1	4.492361
HS20_serv_opr	BOBJ1	97	220.3767	After	Interior Girder 3	28.3167	0.95	1	1	4.373033
HS20_serv_opr	BOBJ1	97	220.3767	After	Interior Girder 4	28.3167	0.95	1	1	4.373033
HS20_serv_opr	BOBJ1	97	220.3767	After	Interior Girder 5	28.3167	0.95	1	1	4.492361
HS20_serv_opr	BOBJ1	97	220.3767	After	Interior Girder 6	28.3167	0.95	1	1	4.745735
HS20_serv_opr	BOBJ1	97	220.3767	After	Right Exterior Girder	28.3167	0.95	1	1	6.019859
HS20_serv_opr	BOBJ1	98	225.9933	Before	Left Exterior Girder	33.9333	0.95	1	1	5.782445
HS20_serv_opr	BOBJ1	98	225.9933	Before	Interior Girder 1	33.9333	0.95	1	1	4.567168
HS20_serv_opr	BOBJ1	98	225.9933	Before	Interior Girder 2	33.9333	0.95	1	1	4.34222
HS20_serv_opr	BOBJ1	98	225.9933	Before	Interior Girder 3	33.9333	0.95	1	1	4.218073
HS20_serv_opr	BOBJ1	98	225.9933	Before	Interior Girder 4	33.9333	0.95	1	1	4.218073
HS20_serv_opr	BOBJ1	98	225.9933	Before	Interior Girder 5	33.9333	0.95	1	1	4.34222
HS20_serv_opr	BOBJ1	98	225.9933	Before	Interior Girder 6	33.9333	0.95	1	1	4.567168
HS20_serv_opr	BOBJ1	98	225.9933	Before	Right Exterior Girder	33.9333	0.95	1	1	5.782445
HS20_serv_opr	BOBJ1	99	225.9933	After	Left Exterior Girder	33.9333	0.95	1	1	5.742108
HS20_serv_opr	BOBJ1	99	225.9933	After	Interior Girder 1	33.9333	0.95	1	1	4.580889
HS20_serv_opr	BOBJ1	99	225.9933	After	Interior Girder 2	33.9333	0.95	1	1	4.335593
HS20_serv_opr	BOBJ1	99	225.9933	After	Interior Girder 3	33.9333	0.95	1	1	4.196917
HS20_serv_opr	BOBJ1	99	225.9933	After	Interior Girder 4	33.9333	0.95	1	1	4.196917
HS20_serv_opr	BOBJ1	99	225.9933	After	Interior Girder 5	33.9333	0.95	1	1	4.335593
HS20_serv_opr	BOBJ1	99	225.9933	After	Interior Girder 6	33.9333	0.95	1	1	4.580889
HS20_serv_opr	BOBJ1	99	225.9933	After	Right Exterior Girder	33.9333	0.95	1	1	5.742108
HS20_serv_opr	BOBJ1	100	231.61	Before	Left Exterior Girder	39.55	0.95	1	1	6.085969
HS20_serv_opr	BOBJ1	100	231.61	Before	Interior Girder 1	39.55	0.95	1	1	5.085282
HS20_serv_opr	BOBJ1	100	231.61	Before	Interior Girder 2	39.55	0.95	1	1	4.792902
HS20_serv_opr	BOBJ1	100	231.61	Before	Interior Girder 3	39.55	0.95	1	1	4.660107
HS20_serv_opr	BOBJ1	100	231.61	Before	Interior Girder 4	39.55	0.95	1	1	4.660107
HS20_serv_opr	BOBJ1	100	231.61	Before	Interior Girder 5	39.55	0.95	1	1	4.792902
HS20_serv_opr	BOBJ1	100	231.61	Before	Interior Girder 6	39.55	0.95	1	1	5.085282
HS20_serv_opr	BOBJ1	100	231.61	Before	Right Exterior Girder	39.55	0.95	1	1	6.085969
HS20_serv_opr	BOBJ1	101	231.61	After	Left Exterior Girder	39.55	0.95	1	1	6.073337
HS20_serv_opr	BOBJ1	101	231.61	After	Interior Girder 1	39.55	0.95	1	1	5.084606
HS20_serv_opr	BOBJ1	101	231.61	After	Interior Girder 2	39.55	0.95	1	1	4.75194
HS20_serv_opr	BOBJ1	101	231.61	After	Interior Girder 3	39.55	0.95	1	1	4.593315
HS20_serv_opr	BOBJ1	101	231.61	After	Interior Girder 4	39.55	0.95	1	1	4.593315
HS20_serv_opr	BOBJ1	101	231.61	After	Interior Girder 5	39.55	0.95	1	1	4.75194
HS20_serv_opr	BOBJ1	101	231.61	After	Interior Girder 6	39.55	0.95	1	1	5.084606
HS20_serv_opr	BOBJ1	101	231.61	After	Right Exterior Girder	39.55	0.95	1	1	6.073337
HS20_serv_opr	BOBJ1	102	237.37	Before	Left Exterior Girder	45.31	0.95	1	1	7.991826
HS20_serv_opr	BOBJ1	102	237.37	Before	Interior Girder 1	45.31	0.95	1	1	5.970673
HS20_serv_opr	BOBJ1	102	237.37	Before	Interior Girder 2	45.31	0.95	1	1	5.646637
HS20_serv_opr	BOBJ1	102	237.37	Before	Interior Girder 3	45.31	0.95	1	1	5.40277
HS20_serv_opr	BOBJ1	102	237.37	Before	Interior Girder 4	45.31	0.95	1	1	5.40277
HS20_serv_opr	BOBJ1	102	237.37	Before	Interior Girder 5	45.31	0.95	1	1	5.646637
HS20_serv_opr	BOBJ1	102	237.37	Before	Interior Girder 6	45.31	0.95	1	1	5.970673
HS20_serv_opr	BOBJ1	102	237.37	Before	Right Exterior Girder	45.31	0.95	1	1	7.991826
HS20_serv_opr	BOBJ1	103	237.37	After	Left Exterior Girder	45.31	0.95	1	1	8.082836
HS20_serv_opr	BOBJ1	103	237.37	After	Interior Girder 1	45.31	0.95	1	1	5.934794
HS20_serv_opr	BOBJ1	103	237.37	After	Interior Girder 2	45.31	0.95	1	1	5.530363
HS20_serv_opr	BOBJ1	103	237.37	After	Interior Girder 3	45.31	0.95	1	1	5.213908
HS20_serv_opr	BOBJ1	103	237.37	After	Interior Girder 4	45.31	0.95	1	1	5.213908
HS20_serv_opr	BOBJ1	103	237.37	After	Interior Girder 5	45.31	0.95	1	1	5.530363
HS20_serv_opr	BOBJ1	103	237.37	After	Interior Girder 6	45.31	0.95	1	1	5.934794
HS20_serv_opr	BOBJ1	103	237.37	After	Right Exterior Girder	45.31	0.95	1	1	8.082836
HS20_serv_opr	BOBJ1	104	243.13	Before	Left Exterior Girder	51.07	0.95	1	1	14.302001
HS20_serv_opr	BOBJ1	104	243.13	Before	Interior Girder 1	51.07	0.95	1	1	9.764979
HS20_serv_opr	BOBJ1	104	243.13	Before	Interior Girder 2	51.07	0.95	1	1	9.257372
HS20_serv_opr	BOBJ1	104	243.13	Before	Interior Girder 3	51.07	0.95	1	1	8.254334
HS20_serv_opr	BOBJ1	104	243.13	Before	Interior Girder 4	51.07	0.95	1	1	8.254334
HS20_serv_opr	BOBJ1	104	243.13	Before	Interior Girder 5	51.07	0.95	1	1	9.257372
HS20_serv_opr	BOBJ1	104	243.13	Before	Interior Girder 6	51.07	0.95	1	1	9.764979

TABLE: Bridge Super Rating AASHTORATE18 31 - SteelICompServ-Flx - Approach, Span 12-15										
Request	BridgeObj	BridgeCut	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	Unitless	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
HS20_serv_opr	BOBJ1	104	243.13	Before	Right Exterior Girder	51.07	0.95	1	1	14.302001
HS20_serv_opr	BOBJ1	105	243.13	After	Left Exterior Girder	51.07	0.95	1	1	14.233789
HS20_serv_opr	BOBJ1	105	243.13	After	Interior Girder 1	51.07	0.95	1	1	9.66057
HS20_serv_opr	BOBJ1	105	243.13	After	Interior Girder 2	51.07	0.95	1	1	9.041871
HS20_serv_opr	BOBJ1	105	243.13	After	Interior Girder 3	51.07	0.95	1	1	7.84235
HS20_serv_opr	BOBJ1	105	243.13	After	Interior Girder 4	51.07	0.95	1	1	7.84235
HS20_serv_opr	BOBJ1	105	243.13	After	Interior Girder 5	51.07	0.95	1	1	9.041871
HS20_serv_opr	BOBJ1	105	243.13	After	Interior Girder 6	51.07	0.95	1	1	9.66057
HS20_serv_opr	BOBJ1	105	243.13	After	Right Exterior Girder	51.07	0.95	1	1	14.233789
HS20_serv_opr	BOBJ1	106	248.89	Before	Left Exterior Girder	56.83	0.95	1	1	665.396928
HS20_serv_opr	BOBJ1	106	248.89	Before	Interior Girder 1	56.83	0.95	1	1	548.401077
HS20_serv_opr	BOBJ1	106	248.89	Before	Interior Girder 2	56.83	0.95	1	1	334.98049
HS20_serv_opr	BOBJ1	106	248.89	Before	Interior Girder 3	56.83	0.95	1	1	260.572157
HS20_serv_opr	BOBJ1	106	248.89	Before	Interior Girder 4	56.83	0.95	1	1	260.572157
HS20_serv_opr	BOBJ1	106	248.89	Before	Interior Girder 5	56.83	0.95	1	1	334.98049
HS20_serv_opr	BOBJ1	106	248.89	Before	Interior Girder 6	56.83	0.95	1	1	548.401077
HS20_serv_opr	BOBJ1	106	248.89	Before	Right Exterior Girder	56.83	0.95	1	1	665.396928
HS20_serv_inv	BOBJ1	1	0	After	Left Exterior Girder	0	0.95	1	1	351.927924
HS20_serv_inv	BOBJ1	1	0	After	Interior Girder 1	0	0.95	1	1	255.691977
HS20_serv_inv	BOBJ1	1	0	After	Interior Girder 2	0	0.95	1	1	182.712565
HS20_serv_inv	BOBJ1	1	0	After	Interior Girder 3	0	0.95	1	1	146.811361
HS20_serv_inv	BOBJ1	1	0	After	Interior Girder 4	0	0.95	1	1	146.811362
HS20_serv_inv	BOBJ1	1	0	After	Interior Girder 5	0	0.95	1	1	182.712564
HS20_serv_inv	BOBJ1	1	0	After	Interior Girder 6	0	0.95	1	1	255.691977
HS20_serv_inv	BOBJ1	1	0	After	Right Exterior Girder	0	0.95	1	1	351.927924
HS20_serv_inv	BOBJ1	2	5.85	Before	Left Exterior Girder	5.85	0.95	1	1	8.923499
HS20_serv_inv	BOBJ1	2	5.85	Before	Interior Girder 1	5.85	0.95	1	1	6.540933
HS20_serv_inv	BOBJ1	2	5.85	Before	Interior Girder 2	5.85	0.95	1	1	6.043055
HS20_serv_inv	BOBJ1	2	5.85	Before	Interior Girder 3	5.85	0.95	1	1	5.344985
HS20_serv_inv	BOBJ1	2	5.85	Before	Interior Girder 4	5.85	0.95	1	1	5.344985
HS20_serv_inv	BOBJ1	2	5.85	Before	Interior Girder 5	5.85	0.95	1	1	6.043055
HS20_serv_inv	BOBJ1	2	5.85	Before	Interior Girder 6	5.85	0.95	1	1	6.540933
HS20_serv_inv	BOBJ1	2	5.85	Before	Right Exterior Girder	5.85	0.95	1	1	8.923499
HS20_serv_inv	BOBJ1	3	5.85	After	Left Exterior Girder	5.85	0.95	1	1	9.005705
HS20_serv_inv	BOBJ1	3	5.85	After	Interior Girder 1	5.85	0.95	1	1	6.552623
HS20_serv_inv	BOBJ1	3	5.85	After	Interior Girder 2	5.85	0.95	1	1	6.141905
HS20_serv_inv	BOBJ1	3	5.85	After	Interior Girder 3	5.85	0.95	1	1	5.590442
HS20_serv_inv	BOBJ1	3	5.85	After	Interior Girder 4	5.85	0.95	1	1	5.590442
HS20_serv_inv	BOBJ1	3	5.85	After	Interior Girder 5	5.85	0.95	1	1	6.141905
HS20_serv_inv	BOBJ1	3	5.85	After	Interior Girder 6	5.85	0.95	1	1	6.552623
HS20_serv_inv	BOBJ1	3	5.85	After	Right Exterior Girder	5.85	0.95	1	1	9.005705
HS20_serv_inv	BOBJ1	4	11.4667	Before	Left Exterior Girder	11.4667	0.95	1	1	5.08724
HS20_serv_inv	BOBJ1	4	11.4667	Before	Interior Girder 1	11.4667	0.95	1	1	3.791262
HS20_serv_inv	BOBJ1	4	11.4667	Before	Interior Girder 2	11.4667	0.95	1	1	3.554252
HS20_serv_inv	BOBJ1	4	11.4667	Before	Interior Girder 3	11.4667	0.95	1	1	3.335144
HS20_serv_inv	BOBJ1	4	11.4667	Before	Interior Girder 4	11.4667	0.95	1	1	3.335144
HS20_serv_inv	BOBJ1	4	11.4667	Before	Interior Girder 5	11.4667	0.95	1	1	3.554252
HS20_serv_inv	BOBJ1	4	11.4667	Before	Interior Girder 6	11.4667	0.95	1	1	3.791262
HS20_serv_inv	BOBJ1	4	11.4667	Before	Right Exterior Girder	11.4667	0.95	1	1	5.08724
HS20_serv_inv	BOBJ1	5	11.4667	After	Left Exterior Girder	11.4667	0.95	1	1	5.146928
HS20_serv_inv	BOBJ1	5	11.4667	After	Interior Girder 1	11.4667	0.95	1	1	3.770051
HS20_serv_inv	BOBJ1	5	11.4667	After	Interior Girder 2	11.4667	0.95	1	1	3.594459
HS20_serv_inv	BOBJ1	5	11.4667	After	Interior Girder 3	11.4667	0.95	1	1	3.424257
HS20_serv_inv	BOBJ1	5	11.4667	After	Interior Girder 4	11.4667	0.95	1	1	3.424257
HS20_serv_inv	BOBJ1	5	11.4667	After	Interior Girder 5	11.4667	0.95	1	1	3.594459
HS20_serv_inv	BOBJ1	5	11.4667	After	Interior Girder 6	11.4667	0.95	1	1	3.770051
HS20_serv_inv	BOBJ1	5	11.4667	After	Right Exterior Girder	11.4667	0.95	1	1	5.146928
HS20_serv_inv	BOBJ1	6	17.0833	Before	Left Exterior Girder	17.0833	0.95	1	1	3.93686
HS20_serv_inv	BOBJ1	6	17.0833	Before	Interior Girder 1	17.0833	0.95	1	1	3.121078
HS20_serv_inv	BOBJ1	6	17.0833	Before	Interior Girder 2	17.0833	0.95	1	1	2.956002
HS20_serv_inv	BOBJ1	6	17.0833	Before	Interior Girder 3	17.0833	0.95	1	1	2.850622
HS20_serv_inv	BOBJ1	6	17.0833	Before	Interior Girder 4	17.0833	0.95	1	1	2.850622
HS20_serv_inv	BOBJ1	6	17.0833	Before	Interior Girder 5	17.0833	0.95	1	1	2.956002
HS20_serv_inv	BOBJ1	6	17.0833	Before	Interior Girder 6	17.0833	0.95	1	1	3.121078
HS20_serv_inv	BOBJ1	6	17.0833	Before	Right Exterior Girder	17.0833	0.95	1	1	3.93686
HS20_serv_inv	BOBJ1	7	17.0833	After	Left Exterior Girder	17.0833	0.95	1	1	3.928359
HS20_serv_inv	BOBJ1	7	17.0833	After	Interior Girder 1	17.0833	0.95	1	1	3.131787
HS20_serv_inv	BOBJ1	7	17.0833	After	Interior Girder 2	17.0833	0.95	1	1	2.992411
HS20_serv_inv	BOBJ1	7	17.0833	After	Interior Girder 3	17.0833	0.95	1	1	2.898988
HS20_serv_inv	BOBJ1	7	17.0833	After	Interior Girder 4	17.0833	0.95	1	1	2.898988
HS20_serv_inv	BOBJ1	7	17.0833	After	Interior Girder 5	17.0833	0.95	1	1	2.992411
HS20_serv_inv	BOBJ1	7	17.0833	After	Interior Girder 6	17.0833	0.95	1	1	3.131787
HS20_serv_inv	BOBJ1	7	17.0833	After	Right Exterior Girder	17.0833	0.95	1	1	3.928359

TABLE: Bridge Super Rating AASHTORATE18 31 - SteelICompServ-Flx - Approach, Span 12-15										
Request	BridgeObj	BridgeCut	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	Unitless	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
HS20_serv_inv	BOBJ1	8	22.7	Before	Left Exterior Girder	22.7	0.95	1	1	3.477815
HS20_serv_inv	BOBJ1	8	22.7	Before	Interior Girder 1	22.7	0.95	1	1	3.02826
HS20_serv_inv	BOBJ1	8	22.7	Before	Interior Girder 2	22.7	0.95	1	1	2.880152
HS20_serv_inv	BOBJ1	8	22.7	Before	Interior Girder 3	22.7	0.95	1	1	2.817067
HS20_serv_inv	BOBJ1	8	22.7	Before	Interior Girder 4	22.7	0.95	1	1	2.817067
HS20_serv_inv	BOBJ1	8	22.7	Before	Interior Girder 5	22.7	0.95	1	1	2.880152
HS20_serv_inv	BOBJ1	8	22.7	Before	Interior Girder 6	22.7	0.95	1	1	3.02826
HS20_serv_inv	BOBJ1	8	22.7	Before	Right Exterior Girder	22.7	0.95	1	1	3.477815
HS20_serv_inv	BOBJ1	9	22.7	After	Left Exterior Girder	22.7	0.95	1	1	3.488893
HS20_serv_inv	BOBJ1	9	22.7	After	Interior Girder 1	22.7	0.95	1	1	3.023843
HS20_serv_inv	BOBJ1	9	22.7	After	Interior Girder 2	22.7	0.95	1	1	2.884591
HS20_serv_inv	BOBJ1	9	22.7	After	Interior Girder 3	22.7	0.95	1	1	2.828704
HS20_serv_inv	BOBJ1	9	22.7	After	Interior Girder 4	22.7	0.95	1	1	2.828704
HS20_serv_inv	BOBJ1	9	22.7	After	Interior Girder 5	22.7	0.95	1	1	2.884591
HS20_serv_inv	BOBJ1	9	22.7	After	Interior Girder 6	22.7	0.95	1	1	3.023843
HS20_serv_inv	BOBJ1	9	22.7	After	Right Exterior Girder	22.7	0.95	1	1	3.488893
HS20_serv_inv	BOBJ1	10	28.3167	Before	Left Exterior Girder	28.3167	0.95	1	1	3.793126
HS20_serv_inv	BOBJ1	10	28.3167	Before	Interior Girder 1	28.3167	0.95	1	1	3.067889
HS20_serv_inv	BOBJ1	10	28.3167	Before	Interior Girder 2	28.3167	0.95	1	1	2.922572
HS20_serv_inv	BOBJ1	10	28.3167	Before	Interior Girder 3	28.3167	0.95	1	1	2.852057
HS20_serv_inv	BOBJ1	10	28.3167	Before	Interior Girder 4	28.3167	0.95	1	1	2.852057
HS20_serv_inv	BOBJ1	10	28.3167	Before	Interior Girder 5	28.3167	0.95	1	1	2.922572
HS20_serv_inv	BOBJ1	10	28.3167	Before	Interior Girder 6	28.3167	0.95	1	1	3.067889
HS20_serv_inv	BOBJ1	10	28.3167	Before	Right Exterior Girder	28.3167	0.95	1	1	3.793126
HS20_serv_inv	BOBJ1	11	28.3167	After	Left Exterior Girder	28.3167	0.95	1	1	3.811768
HS20_serv_inv	BOBJ1	11	28.3167	After	Interior Girder 1	28.3167	0.95	1	1	3.047884
HS20_serv_inv	BOBJ1	11	28.3167	After	Interior Girder 2	28.3167	0.95	1	1	2.899217
HS20_serv_inv	BOBJ1	11	28.3167	After	Interior Girder 3	28.3167	0.95	1	1	2.816398
HS20_serv_inv	BOBJ1	11	28.3167	After	Interior Girder 4	28.3167	0.95	1	1	2.816398
HS20_serv_inv	BOBJ1	11	28.3167	After	Interior Girder 5	28.3167	0.95	1	1	2.899217
HS20_serv_inv	BOBJ1	11	28.3167	After	Interior Girder 6	28.3167	0.95	1	1	3.047884
HS20_serv_inv	BOBJ1	11	28.3167	After	Right Exterior Girder	28.3167	0.95	1	1	3.811768
HS20_serv_inv	BOBJ1	12	33.9333	Before	Left Exterior Girder	33.9333	0.95	1	1	4.552244
HS20_serv_inv	BOBJ1	12	33.9333	Before	Interior Girder 1	33.9333	0.95	1	1	3.499442
HS20_serv_inv	BOBJ1	12	33.9333	Before	Interior Girder 2	33.9333	0.95	1	1	3.32791
HS20_serv_inv	BOBJ1	12	33.9333	Before	Interior Girder 3	33.9333	0.95	1	1	3.259221
HS20_serv_inv	BOBJ1	12	33.9333	Before	Interior Girder 4	33.9333	0.95	1	1	3.259221
HS20_serv_inv	BOBJ1	12	33.9333	Before	Interior Girder 5	33.9333	0.95	1	1	3.32791
HS20_serv_inv	BOBJ1	12	33.9333	Before	Interior Girder 6	33.9333	0.95	1	1	3.499442
HS20_serv_inv	BOBJ1	12	33.9333	Before	Right Exterior Girder	33.9333	0.95	1	1	4.552244
HS20_serv_inv	BOBJ1	13	33.9333	After	Left Exterior Girder	33.9333	0.95	1	1	4.500016
HS20_serv_inv	BOBJ1	13	33.9333	After	Interior Girder 1	33.9333	0.95	1	1	3.518372
HS20_serv_inv	BOBJ1	13	33.9333	After	Interior Girder 2	33.9333	0.95	1	1	3.323044
HS20_serv_inv	BOBJ1	13	33.9333	After	Interior Girder 3	33.9333	0.95	1	1	3.22496
HS20_serv_inv	BOBJ1	13	33.9333	After	Interior Girder 4	33.9333	0.95	1	1	3.22496
HS20_serv_inv	BOBJ1	13	33.9333	After	Interior Girder 5	33.9333	0.95	1	1	3.323044
HS20_serv_inv	BOBJ1	13	33.9333	After	Interior Girder 6	33.9333	0.95	1	1	3.518372
HS20_serv_inv	BOBJ1	13	33.9333	After	Right Exterior Girder	33.9333	0.95	1	1	4.500016
HS20_serv_inv	BOBJ1	14	39.55	Before	Left Exterior Girder	39.55	0.95	1	1	6.140897
HS20_serv_inv	BOBJ1	14	39.55	Before	Interior Girder 1	39.55	0.95	1	1	4.937166
HS20_serv_inv	BOBJ1	14	39.55	Before	Interior Girder 2	39.55	0.95	1	1	4.573568
HS20_serv_inv	BOBJ1	14	39.55	Before	Interior Girder 3	39.55	0.95	1	1	4.498558
HS20_serv_inv	BOBJ1	14	39.55	Before	Interior Girder 4	39.55	0.95	1	1	4.498558
HS20_serv_inv	BOBJ1	14	39.55	Before	Interior Girder 5	39.55	0.95	1	1	4.573568
HS20_serv_inv	BOBJ1	14	39.55	Before	Interior Girder 6	39.55	0.95	1	1	4.937166
HS20_serv_inv	BOBJ1	14	39.55	Before	Right Exterior Girder	39.55	0.95	1	1	6.140897
HS20_serv_inv	BOBJ1	15	39.55	After	Left Exterior Girder	39.55	0.95	1	1	6.139796
HS20_serv_inv	BOBJ1	15	39.55	After	Interior Girder 1	39.55	0.95	1	1	4.938478
HS20_serv_inv	BOBJ1	15	39.55	After	Interior Girder 2	39.55	0.95	1	1	4.541412
HS20_serv_inv	BOBJ1	15	39.55	After	Interior Girder 3	39.55	0.95	1	1	4.418201
HS20_serv_inv	BOBJ1	15	39.55	After	Interior Girder 4	39.55	0.95	1	1	4.418201
HS20_serv_inv	BOBJ1	15	39.55	After	Interior Girder 5	39.55	0.95	1	1	4.541412
HS20_serv_inv	BOBJ1	15	39.55	After	Interior Girder 6	39.55	0.95	1	1	4.938478
HS20_serv_inv	BOBJ1	15	39.55	After	Right Exterior Girder	39.55	0.95	1	1	6.139796
HS20_serv_inv	BOBJ1	16	45.1733	Before	Left Exterior Girder	45.1226	0.95	1	1	5.05104
HS20_serv_inv	BOBJ1	16	45.1733	Before	Interior Girder 1	45.1226	0.95	1	1	5.160933
HS20_serv_inv	BOBJ1	16	45.1733	Before	Interior Girder 2	45.1226	0.95	1	1	4.951034
HS20_serv_inv	BOBJ1	16	45.1733	Before	Interior Girder 3	45.1226	0.95	1	1	5.030961
HS20_serv_inv	BOBJ1	16	45.1733	Before	Interior Girder 4	45.1226	0.95	1	1	5.030961
HS20_serv_inv	BOBJ1	16	45.1733	Before	Interior Girder 5	45.1226	0.95	1	1	4.951034
HS20_serv_inv	BOBJ1	16	45.1733	Before	Interior Girder 6	45.1226	0.95	1	1	5.160933
HS20_serv_inv	BOBJ1	16	45.1733	Before	Right Exterior Girder	45.1226	0.95	1	1	5.05104
HS20_serv_inv	BOBJ1	17	45.1733	After	Left Exterior Girder	45.1226	0.95	1	1	4.056308

TABLE: Bridge Super Rating AASHTORATE18 31 - SteelICompServ-Flx - Approach, Span 12-15										
Request	BridgeObj	BridgeCut	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	Unitless	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
HS20_serv_inv	BOBJ1	17	45.1733	After	Interior Girder 1	45.1226	0.95	1	1	4.144059
HS20_serv_inv	BOBJ1	17	45.1733	After	Interior Girder 2	45.1226	0.95	1	1	3.950253
HS20_serv_inv	BOBJ1	17	45.1733	After	Interior Girder 3	45.1226	0.95	1	1	4.032716
HS20_serv_inv	BOBJ1	17	45.1733	After	Interior Girder 4	45.1226	0.95	1	1	4.032716
HS20_serv_inv	BOBJ1	17	45.1733	After	Interior Girder 5	45.1226	0.95	1	1	3.950253
HS20_serv_inv	BOBJ1	17	45.1733	After	Interior Girder 6	45.1226	0.95	1	1	4.144059
HS20_serv_inv	BOBJ1	17	45.1733	After	Right Exterior Girder	45.1226	0.95	1	1	4.056308
HS20_serv_inv	BOBJ1	18	49.2561	Before	Left Exterior Girder	49.2561	0.95	1	1	3.114348
HS20_serv_inv	BOBJ1	18	49.2561	Before	Right Exterior Girder	49.2561	0.95	1	1	3.114348
HS20_serv_inv	BOBJ1	19	49.2561	After	Left Exterior Girder	49.2561	0.95	1	1	3.147648
HS20_serv_inv	BOBJ1	19	49.2561	After	Right Exterior Girder	49.2561	0.95	1	1	3.147648
HS20_serv_inv	BOBJ1	20	50.7967	Before	Left Exterior Girder	50.7967	0.95	1	1	6.318839
HS20_serv_inv	BOBJ1	20	50.7967	Before	Interior Girder 1	50.7967	0.95	1	1	3.135363
HS20_serv_inv	BOBJ1	20	50.7967	Before	Interior Girder 2	50.7967	0.95	1	1	2.970212
HS20_serv_inv	BOBJ1	20	50.7967	Before	Interior Girder 3	50.7967	0.95	1	1	2.851754
HS20_serv_inv	BOBJ1	20	50.7967	Before	Interior Girder 4	50.7967	0.95	1	1	2.851754
HS20_serv_inv	BOBJ1	20	50.7967	Before	Interior Girder 5	50.7967	0.95	1	1	2.970212
HS20_serv_inv	BOBJ1	20	50.7967	Before	Interior Girder 6	50.7967	0.95	1	1	3.135363
HS20_serv_inv	BOBJ1	20	50.7967	Before	Right Exterior Girder	50.7967	0.95	1	1	6.318839
HS20_serv_inv	BOBJ1	21	50.7967	After	Left Exterior Girder	50.7967	0.95	1	1	6.275746
HS20_serv_inv	BOBJ1	21	50.7967	After	Interior Girder 1	50.7967	0.95	1	1	3.132744
HS20_serv_inv	BOBJ1	21	50.7967	After	Interior Girder 2	50.7967	0.95	1	1	2.950545
HS20_serv_inv	BOBJ1	21	50.7967	After	Interior Girder 3	50.7967	0.95	1	1	2.841247
HS20_serv_inv	BOBJ1	21	50.7967	After	Interior Girder 4	50.7967	0.95	1	1	2.841247
HS20_serv_inv	BOBJ1	21	50.7967	After	Interior Girder 5	50.7967	0.95	1	1	2.950545
HS20_serv_inv	BOBJ1	21	50.7967	After	Interior Girder 6	50.7967	0.95	1	1	3.132744
HS20_serv_inv	BOBJ1	21	50.7967	After	Right Exterior Girder	50.7967	0.95	1	1	6.275746
HS20_serv_inv	BOBJ1	22	51.3989	Before	Interior Girder 1	51.3989	0.95	1	1	3.018411
HS20_serv_inv	BOBJ1	22	51.3989	Before	Interior Girder 2	51.3989	0.95	1	1	2.856219
HS20_serv_inv	BOBJ1	22	51.3989	Before	Interior Girder 3	51.3989	0.95	1	1	2.727637
HS20_serv_inv	BOBJ1	22	51.3989	Before	Interior Girder 4	51.3989	0.95	1	1	2.727637
HS20_serv_inv	BOBJ1	22	51.3989	Before	Interior Girder 5	51.3989	0.95	1	1	2.856219
HS20_serv_inv	BOBJ1	22	51.3989	Before	Interior Girder 6	51.3989	0.95	1	1	3.018411
HS20_serv_inv	BOBJ1	23	51.3989	After	Interior Girder 1	51.3989	0.95	1	1	4.452919
HS20_serv_inv	BOBJ1	23	51.3989	After	Interior Girder 2	51.3989	0.95	1	1	4.184957
HS20_serv_inv	BOBJ1	23	51.3989	After	Interior Girder 3	51.3989	0.95	1	1	4.0301
HS20_serv_inv	BOBJ1	23	51.3989	After	Interior Girder 4	51.3989	0.95	1	1	4.0301
HS20_serv_inv	BOBJ1	23	51.3989	After	Interior Girder 5	51.3989	0.95	1	1	4.184957
HS20_serv_inv	BOBJ1	23	51.3989	After	Interior Girder 6	51.3989	0.95	1	1	4.452919
HS20_serv_inv	BOBJ1	24	56.42	Before	Left Exterior Girder	56.42	0.95	1	1	4.786723
HS20_serv_inv	BOBJ1	24	56.42	Before	Interior Girder 1	56.42	0.95	1	1	3.333807
HS20_serv_inv	BOBJ1	24	56.42	Before	Interior Girder 2	56.42	0.95	1	1	3.094668
HS20_serv_inv	BOBJ1	24	56.42	Before	Interior Girder 3	56.42	0.95	1	1	2.650125
HS20_serv_inv	BOBJ1	24	56.42	Before	Interior Girder 4	56.42	0.95	1	1	2.650125
HS20_serv_inv	BOBJ1	24	56.42	Before	Interior Girder 5	56.42	0.95	1	1	3.094668
HS20_serv_inv	BOBJ1	24	56.42	Before	Interior Girder 6	56.42	0.95	1	1	3.333807
HS20_serv_inv	BOBJ1	24	56.42	Before	Right Exterior Girder	56.42	0.95	1	1	4.786723
HS20_serv_inv	BOBJ1	25	56.42	After	Left Exterior Girder	0	0.95	1	1	4.902456
HS20_serv_inv	BOBJ1	25	56.42	After	Interior Girder 1	0	0.95	1	1	3.080715
HS20_serv_inv	BOBJ1	25	56.42	After	Interior Girder 2	0	0.95	1	1	2.901497
HS20_serv_inv	BOBJ1	25	56.42	After	Interior Girder 3	0	0.95	1	1	2.499202
HS20_serv_inv	BOBJ1	25	56.42	After	Interior Girder 4	0	0.95	1	1	2.499202
HS20_serv_inv	BOBJ1	25	56.42	After	Interior Girder 5	0	0.95	1	1	2.901497
HS20_serv_inv	BOBJ1	25	56.42	After	Interior Girder 6	0	0.95	1	1	3.080715
HS20_serv_inv	BOBJ1	25	56.42	After	Right Exterior Girder	0	0.95	1	1	4.902456
HS20_serv_inv	BOBJ1	26	62.0367	Before	Left Exterior Girder	5.6167	0.95	1	1	8.08453
HS20_serv_inv	BOBJ1	26	62.0367	Before	Interior Girder 1	5.6167	0.95	1	1	5.609669
HS20_serv_inv	BOBJ1	26	62.0367	Before	Interior Girder 2	5.6167	0.95	1	1	5.166944
HS20_serv_inv	BOBJ1	26	62.0367	Before	Interior Girder 3	5.6167	0.95	1	1	4.858886
HS20_serv_inv	BOBJ1	26	62.0367	Before	Interior Girder 4	5.6167	0.95	1	1	4.858886
HS20_serv_inv	BOBJ1	26	62.0367	Before	Interior Girder 5	5.6167	0.95	1	1	5.166944
HS20_serv_inv	BOBJ1	26	62.0367	Before	Interior Girder 6	5.6167	0.95	1	1	5.609669
HS20_serv_inv	BOBJ1	26	62.0367	Before	Right Exterior Girder	5.6167	0.95	1	1	8.08453
HS20_serv_inv	BOBJ1	27	62.0367	After	Left Exterior Girder	5.6167	0.95	1	1	8.00824
HS20_serv_inv	BOBJ1	27	62.0367	After	Interior Girder 1	5.6167	0.95	1	1	5.699368
HS20_serv_inv	BOBJ1	27	62.0367	After	Interior Girder 2	5.6167	0.95	1	1	5.256565
HS20_serv_inv	BOBJ1	27	62.0367	After	Interior Girder 3	5.6167	0.95	1	1	4.950917
HS20_serv_inv	BOBJ1	27	62.0367	After	Interior Girder 4	5.6167	0.95	1	1	4.950917
HS20_serv_inv	BOBJ1	27	62.0367	After	Interior Girder 5	5.6167	0.95	1	1	5.256565
HS20_serv_inv	BOBJ1	27	62.0367	After	Interior Girder 6	5.6167	0.95	1	1	5.699368
HS20_serv_inv	BOBJ1	27	62.0367	After	Right Exterior Girder	5.6167	0.95	1	1	8.00824
HS20_serv_inv	BOBJ1	28	62.4203	Before	Interior Girder 1	6.0003	0.95	1	1	5.80274
HS20_serv_inv	BOBJ1	28	62.4203	Before	Interior Girder 2	6.0003	0.95	1	1	5.346092

TABLE: Bridge Super Rating AASHTORATE18 31 - SteelICompServ-Flx - Approach, Span 12-15										
Request	BridgeObj	BridgeCut	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	Unitless	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
HS20_serv_inv	BOBJ1	28	62.4203	Before	Interior Girder 3	6.0003	0.95	1	1	5.06085
HS20_serv_inv	BOBJ1	28	62.4203	Before	Interior Girder 4	6.0003	0.95	1	1	5.06085
HS20_serv_inv	BOBJ1	28	62.4203	Before	Interior Girder 5	6.0003	0.95	1	1	5.346092
HS20_serv_inv	BOBJ1	28	62.4203	Before	Interior Girder 6	6.0003	0.95	1	1	5.80274
HS20_serv_inv	BOBJ1	29	62.4203	After	Interior Girder 1	6.0003	0.95	1	1	3.92492
HS20_serv_inv	BOBJ1	29	62.4203	After	Interior Girder 2	6.0003	0.95	1	1	3.65798
HS20_serv_inv	BOBJ1	29	62.4203	After	Interior Girder 3	6.0003	0.95	1	1	3.426628
HS20_serv_inv	BOBJ1	29	62.4203	After	Interior Girder 4	6.0003	0.95	1	1	3.426628
HS20_serv_inv	BOBJ1	29	62.4203	After	Interior Girder 5	6.0003	0.95	1	1	3.65798
HS20_serv_inv	BOBJ1	29	62.4203	After	Interior Girder 6	6.0003	0.95	1	1	3.92492
HS20_serv_inv	BOBJ1	30	64.9204	Before	Left Exterior Girder	8.5004	0.95	1	1	9.047265
HS20_serv_inv	BOBJ1	30	64.9204	Before	Right Exterior Girder	8.5004	0.95	1	1	9.047265
HS20_serv_inv	BOBJ1	31	64.9204	After	Left Exterior Girder	8.5004	0.95	1	1	4.300223
HS20_serv_inv	BOBJ1	31	64.9204	After	Right Exterior Girder	8.5004	0.95	1	1	4.300223
HS20_serv_inv	BOBJ1	32	67.6533	Before	Left Exterior Girder	11.2333	0.95	1	1	5.09766
HS20_serv_inv	BOBJ1	32	67.6533	Before	Interior Girder 1	11.2333	0.95	1	1	5.106297
HS20_serv_inv	BOBJ1	32	67.6533	Before	Interior Girder 2	11.2333	0.95	1	1	4.781508
HS20_serv_inv	BOBJ1	32	67.6533	Before	Interior Girder 3	11.2333	0.95	1	1	4.774395
HS20_serv_inv	BOBJ1	32	67.6533	Before	Interior Girder 4	11.2333	0.95	1	1	4.774395
HS20_serv_inv	BOBJ1	32	67.6533	Before	Interior Girder 5	11.2333	0.95	1	1	4.781508
HS20_serv_inv	BOBJ1	32	67.6533	Before	Interior Girder 6	11.2333	0.95	1	1	5.106297
HS20_serv_inv	BOBJ1	32	67.6533	Before	Right Exterior Girder	11.2333	0.95	1	1	5.09766
HS20_serv_inv	BOBJ1	33	67.6533	After	Left Exterior Girder	11.2333	0.95	1	1	5.060594
HS20_serv_inv	BOBJ1	33	67.6533	After	Interior Girder 1	11.2333	0.95	1	1	5.14324
HS20_serv_inv	BOBJ1	33	67.6533	After	Interior Girder 2	11.2333	0.95	1	1	4.84687
HS20_serv_inv	BOBJ1	33	67.6533	After	Interior Girder 3	11.2333	0.95	1	1	4.824231
HS20_serv_inv	BOBJ1	33	67.6533	After	Interior Girder 4	11.2333	0.95	1	1	4.824231
HS20_serv_inv	BOBJ1	33	67.6533	After	Interior Girder 5	11.2333	0.95	1	1	4.84687
HS20_serv_inv	BOBJ1	33	67.6533	After	Interior Girder 6	11.2333	0.95	1	1	5.14324
HS20_serv_inv	BOBJ1	33	67.6533	After	Right Exterior Girder	11.2333	0.95	1	1	5.060594
HS20_serv_inv	BOBJ1	34	73.27	Before	Left Exterior Girder	16.85	0.95	1	1	6.191615
HS20_serv_inv	BOBJ1	34	73.27	Before	Interior Girder 1	16.85	0.95	1	1	4.951429
HS20_serv_inv	BOBJ1	34	73.27	Before	Interior Girder 2	16.85	0.95	1	1	4.502042
HS20_serv_inv	BOBJ1	34	73.27	Before	Interior Girder 3	16.85	0.95	1	1	4.343515
HS20_serv_inv	BOBJ1	34	73.27	Before	Interior Girder 4	16.85	0.95	1	1	4.343515
HS20_serv_inv	BOBJ1	34	73.27	Before	Interior Girder 5	16.85	0.95	1	1	4.502042
HS20_serv_inv	BOBJ1	34	73.27	Before	Interior Girder 6	16.85	0.95	1	1	4.951429
HS20_serv_inv	BOBJ1	34	73.27	Before	Right Exterior Girder	16.85	0.95	1	1	6.191615
HS20_serv_inv	BOBJ1	35	73.27	After	Left Exterior Girder	16.85	0.95	1	1	6.287548
HS20_serv_inv	BOBJ1	35	73.27	After	Interior Girder 1	16.85	0.95	1	1	4.91081
HS20_serv_inv	BOBJ1	35	73.27	After	Interior Girder 2	16.85	0.95	1	1	4.50914
HS20_serv_inv	BOBJ1	35	73.27	After	Interior Girder 3	16.85	0.95	1	1	4.398173
HS20_serv_inv	BOBJ1	35	73.27	After	Interior Girder 4	16.85	0.95	1	1	4.398173
HS20_serv_inv	BOBJ1	35	73.27	After	Interior Girder 5	16.85	0.95	1	1	4.50914
HS20_serv_inv	BOBJ1	35	73.27	After	Interior Girder 6	16.85	0.95	1	1	4.91081
HS20_serv_inv	BOBJ1	35	73.27	After	Right Exterior Girder	16.85	0.95	1	1	6.287548
HS20_serv_inv	BOBJ1	36	78.8867	Before	Left Exterior Girder	22.4667	0.95	1	1	4.284756
HS20_serv_inv	BOBJ1	36	78.8867	Before	Interior Girder 1	22.4667	0.95	1	1	3.381801
HS20_serv_inv	BOBJ1	36	78.8867	Before	Interior Girder 2	22.4667	0.95	1	1	3.18534
HS20_serv_inv	BOBJ1	36	78.8867	Before	Interior Girder 3	22.4667	0.95	1	1	3.073958
HS20_serv_inv	BOBJ1	36	78.8867	Before	Interior Girder 4	22.4667	0.95	1	1	3.073958
HS20_serv_inv	BOBJ1	36	78.8867	Before	Interior Girder 5	22.4667	0.95	1	1	3.18534
HS20_serv_inv	BOBJ1	36	78.8867	Before	Interior Girder 6	22.4667	0.95	1	1	3.381801
HS20_serv_inv	BOBJ1	36	78.8867	Before	Right Exterior Girder	22.4667	0.95	1	1	4.284756
HS20_serv_inv	BOBJ1	37	78.8867	After	Left Exterior Girder	22.4667	0.95	1	1	4.353035
HS20_serv_inv	BOBJ1	37	78.8867	After	Interior Girder 1	22.4667	0.95	1	1	3.355025
HS20_serv_inv	BOBJ1	37	78.8867	After	Interior Girder 2	22.4667	0.95	1	1	3.18221
HS20_serv_inv	BOBJ1	37	78.8867	After	Interior Girder 3	22.4667	0.95	1	1	3.104441
HS20_serv_inv	BOBJ1	37	78.8867	After	Interior Girder 4	22.4667	0.95	1	1	3.104441
HS20_serv_inv	BOBJ1	37	78.8867	After	Interior Girder 5	22.4667	0.95	1	1	3.18221
HS20_serv_inv	BOBJ1	37	78.8867	After	Interior Girder 6	22.4667	0.95	1	1	3.355025
HS20_serv_inv	BOBJ1	37	78.8867	After	Right Exterior Girder	22.4667	0.95	1	1	4.353035
HS20_serv_inv	BOBJ1	38	84.5033	Before	Left Exterior Girder	28.0833	0.95	1	1	3.444251
HS20_serv_inv	BOBJ1	38	84.5033	Before	Interior Girder 1	28.0833	0.95	1	1	2.851297
HS20_serv_inv	BOBJ1	38	84.5033	Before	Interior Girder 2	28.0833	0.95	1	1	2.715985
HS20_serv_inv	BOBJ1	38	84.5033	Before	Interior Girder 3	28.0833	0.95	1	1	2.6471
HS20_serv_inv	BOBJ1	38	84.5033	Before	Interior Girder 4	28.0833	0.95	1	1	2.6471
HS20_serv_inv	BOBJ1	38	84.5033	Before	Interior Girder 5	28.0833	0.95	1	1	2.715985
HS20_serv_inv	BOBJ1	38	84.5033	Before	Interior Girder 6	28.0833	0.95	1	1	2.851297
HS20_serv_inv	BOBJ1	38	84.5033	Before	Right Exterior Girder	28.0833	0.95	1	1	3.444251
HS20_serv_inv	BOBJ1	39	84.5033	After	Left Exterior Girder	28.0833	0.95	1	1	3.441284
HS20_serv_inv	BOBJ1	39	84.5033	After	Interior Girder 1	28.0833	0.95	1	1	2.863769
HS20_serv_inv	BOBJ1	39	84.5033	After	Interior Girder 2	28.0833	0.95	1	1	2.734591

TABLE: Bridge Super Rating AASHTORATE18 31 - SteelCompServ-Flx - Approach, Span 12-15										
Request	BridgeObj	BridgeCut	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	Unitless	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
HS20_serv_inv	BOBJ1	39	84.5033	After	Interior Girder 3	28.0833	0.95	1	1	2.678364
HS20_serv_inv	BOBJ1	39	84.5033	After	Interior Girder 4	28.0833	0.95	1	1	2.678364
HS20_serv_inv	BOBJ1	39	84.5033	After	Interior Girder 5	28.0833	0.95	1	1	2.734591
HS20_serv_inv	BOBJ1	39	84.5033	After	Interior Girder 6	28.0833	0.95	1	1	2.863769
HS20_serv_inv	BOBJ1	39	84.5033	After	Right Exterior Girder	28.0833	0.95	1	1	3.441284
HS20_serv_inv	BOBJ1	40	90.12	Before	Left Exterior Girder	33.7	0.95	1	1	3.108776
HS20_serv_inv	BOBJ1	40	90.12	Before	Interior Girder 1	33.7	0.95	1	1	2.841892
HS20_serv_inv	BOBJ1	40	90.12	Before	Interior Girder 2	33.7	0.95	1	1	2.707523
HS20_serv_inv	BOBJ1	40	90.12	Before	Interior Girder 3	33.7	0.95	1	1	2.654418
HS20_serv_inv	BOBJ1	40	90.12	Before	Interior Girder 4	33.7	0.95	1	1	2.654418
HS20_serv_inv	BOBJ1	40	90.12	Before	Interior Girder 5	33.7	0.95	1	1	2.707523
HS20_serv_inv	BOBJ1	40	90.12	Before	Interior Girder 6	33.7	0.95	1	1	2.841892
HS20_serv_inv	BOBJ1	40	90.12	Before	Right Exterior Girder	33.7	0.95	1	1	3.108776
HS20_serv_inv	BOBJ1	41	90.12	After	Left Exterior Girder	33.7	0.95	1	1	3.116535
HS20_serv_inv	BOBJ1	41	90.12	After	Interior Girder 1	33.7	0.95	1	1	2.83496
HS20_serv_inv	BOBJ1	41	90.12	After	Interior Girder 2	33.7	0.95	1	1	2.703919
HS20_serv_inv	BOBJ1	41	90.12	After	Interior Girder 3	33.7	0.95	1	1	2.650616
HS20_serv_inv	BOBJ1	41	90.12	After	Interior Girder 4	33.7	0.95	1	1	2.650616
HS20_serv_inv	BOBJ1	41	90.12	After	Interior Girder 5	33.7	0.95	1	1	2.703919
HS20_serv_inv	BOBJ1	41	90.12	After	Interior Girder 6	33.7	0.95	1	1	2.83496
HS20_serv_inv	BOBJ1	41	90.12	After	Right Exterior Girder	33.7	0.95	1	1	3.116535
HS20_serv_inv	BOBJ1	42	95.7367	Before	Left Exterior Girder	39.3167	0.95	1	1	3.412756
HS20_serv_inv	BOBJ1	42	95.7367	Before	Interior Girder 1	39.3167	0.95	1	1	2.845113
HS20_serv_inv	BOBJ1	42	95.7367	Before	Interior Girder 2	39.3167	0.95	1	1	2.717653
HS20_serv_inv	BOBJ1	42	95.7367	Before	Interior Girder 3	39.3167	0.95	1	1	2.663249
HS20_serv_inv	BOBJ1	42	95.7367	Before	Interior Girder 4	39.3167	0.95	1	1	2.663249
HS20_serv_inv	BOBJ1	42	95.7367	Before	Interior Girder 5	39.3167	0.95	1	1	2.717653
HS20_serv_inv	BOBJ1	42	95.7367	Before	Interior Girder 6	39.3167	0.95	1	1	2.845113
HS20_serv_inv	BOBJ1	42	95.7367	Before	Right Exterior Girder	39.3167	0.95	1	1	3.412756
HS20_serv_inv	BOBJ1	43	95.7367	After	Left Exterior Girder	39.3167	0.95	1	1	3.416739
HS20_serv_inv	BOBJ1	43	95.7367	After	Interior Girder 1	39.3167	0.95	1	1	2.831602
HS20_serv_inv	BOBJ1	43	95.7367	After	Interior Girder 2	39.3167	0.95	1	1	2.699323
HS20_serv_inv	BOBJ1	43	95.7367	After	Interior Girder 3	39.3167	0.95	1	1	2.633151
HS20_serv_inv	BOBJ1	43	95.7367	After	Interior Girder 4	39.3167	0.95	1	1	2.633151
HS20_serv_inv	BOBJ1	43	95.7367	After	Interior Girder 5	39.3167	0.95	1	1	2.699323
HS20_serv_inv	BOBJ1	43	95.7367	After	Interior Girder 6	39.3167	0.95	1	1	2.831602
HS20_serv_inv	BOBJ1	43	95.7367	After	Right Exterior Girder	39.3167	0.95	1	1	3.416739
HS20_serv_inv	BOBJ1	44	101.3533	Before	Left Exterior Girder	44.9333	0.95	1	1	4.251289
HS20_serv_inv	BOBJ1	44	101.3533	Before	Interior Girder 1	44.9333	0.95	1	1	3.312802
HS20_serv_inv	BOBJ1	44	101.3533	Before	Interior Girder 2	44.9333	0.95	1	1	3.14286
HS20_serv_inv	BOBJ1	44	101.3533	Before	Interior Girder 3	44.9333	0.95	1	1	3.073662
HS20_serv_inv	BOBJ1	44	101.3533	Before	Interior Girder 4	44.9333	0.95	1	1	3.073662
HS20_serv_inv	BOBJ1	44	101.3533	Before	Interior Girder 5	44.9333	0.95	1	1	3.14286
HS20_serv_inv	BOBJ1	44	101.3533	Before	Interior Girder 6	44.9333	0.95	1	1	3.312802
HS20_serv_inv	BOBJ1	44	101.3533	Before	Right Exterior Girder	44.9333	0.95	1	1	4.251289
HS20_serv_inv	BOBJ1	45	101.3533	After	Left Exterior Girder	44.9333	0.95	1	1	4.187057
HS20_serv_inv	BOBJ1	45	101.3533	After	Interior Girder 1	44.9333	0.95	1	1	3.338
HS20_serv_inv	BOBJ1	45	101.3533	After	Interior Girder 2	44.9333	0.95	1	1	3.147277
HS20_serv_inv	BOBJ1	45	101.3533	After	Interior Girder 3	44.9333	0.95	1	1	3.045367
HS20_serv_inv	BOBJ1	45	101.3533	After	Interior Girder 4	44.9333	0.95	1	1	3.045367
HS20_serv_inv	BOBJ1	45	101.3533	After	Interior Girder 5	44.9333	0.95	1	1	3.147277
HS20_serv_inv	BOBJ1	45	101.3533	After	Interior Girder 6	44.9333	0.95	1	1	3.338
HS20_serv_inv	BOBJ1	45	101.3533	After	Right Exterior Girder	44.9333	0.95	1	1	4.187057
HS20_serv_inv	BOBJ1	46	106.97	Before	Left Exterior Girder	50.55	0.95	1	1	5.609967
HS20_serv_inv	BOBJ1	46	106.97	Before	Interior Girder 1	50.55	0.95	1	1	4.804256
HS20_serv_inv	BOBJ1	46	106.97	Before	Interior Girder 2	50.55	0.95	1	1	4.408871
HS20_serv_inv	BOBJ1	46	106.97	Before	Interior Girder 3	50.55	0.95	1	1	4.31899
HS20_serv_inv	BOBJ1	46	106.97	Before	Interior Girder 4	50.55	0.95	1	1	4.31899
HS20_serv_inv	BOBJ1	46	106.97	Before	Interior Girder 5	50.55	0.95	1	1	4.408871
HS20_serv_inv	BOBJ1	46	106.97	Before	Interior Girder 6	50.55	0.95	1	1	4.804256
HS20_serv_inv	BOBJ1	46	106.97	Before	Right Exterior Girder	50.55	0.95	1	1	5.609967
HS20_serv_inv	BOBJ1	47	106.97	After	Left Exterior Girder	50.55	0.95	1	1	5.650568
HS20_serv_inv	BOBJ1	47	106.97	After	Interior Girder 1	50.55	0.95	1	1	4.808987
HS20_serv_inv	BOBJ1	47	106.97	After	Interior Girder 2	50.55	0.95	1	1	4.387045
HS20_serv_inv	BOBJ1	47	106.97	After	Interior Girder 3	50.55	0.95	1	1	4.253074
HS20_serv_inv	BOBJ1	47	106.97	After	Interior Girder 4	50.55	0.95	1	1	4.253074
HS20_serv_inv	BOBJ1	47	106.97	After	Interior Girder 5	50.55	0.95	1	1	4.387045
HS20_serv_inv	BOBJ1	47	106.97	After	Interior Girder 6	50.55	0.95	1	1	4.808987
HS20_serv_inv	BOBJ1	47	106.97	After	Right Exterior Girder	50.55	0.95	1	1	5.650568
HS20_serv_inv	BOBJ1	48	112.5933	Before	Left Exterior Girder	56.1733	0.95	1	1	4.192764
HS20_serv_inv	BOBJ1	48	112.5933	Before	Interior Girder 1	56.1733	0.95	1	1	4.351584
HS20_serv_inv	BOBJ1	48	112.5933	Before	Interior Girder 2	56.1733	0.95	1	1	4.145549
HS20_serv_inv	BOBJ1	48	112.5933	Before	Interior Girder 3	56.1733	0.95	1	1	4.185718

TABLE: Bridge Super Rating AASHTORATE18 31 - SteelICompServ-Flx - Approach, Span 12-15										
Request	BridgeObj	BridgeCut	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	Unitless	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
HS20_serv_inv	BOBJ1	48	112.5933	Before	Interior Girder 4	56.1733	0.95	1	1	4.185718
HS20_serv_inv	BOBJ1	48	112.5933	Before	Interior Girder 5	56.1733	0.95	1	1	4.145549
HS20_serv_inv	BOBJ1	48	112.5933	Before	Interior Girder 6	56.1733	0.95	1	1	4.351584
HS20_serv_inv	BOBJ1	48	112.5933	Before	Right Exterior Girder	56.1733	0.95	1	1	4.192764
HS20_serv_inv	BOBJ1	49	112.5933	After	Left Exterior Girder	56.1733	0.95	1	1	4.220806
HS20_serv_inv	BOBJ1	49	112.5933	After	Interior Girder 1	56.1733	0.95	1	1	4.328831
HS20_serv_inv	BOBJ1	49	112.5933	After	Interior Girder 2	56.1733	0.95	1	1	4.104078
HS20_serv_inv	BOBJ1	49	112.5933	After	Interior Girder 3	56.1733	0.95	1	1	4.153019
HS20_serv_inv	BOBJ1	49	112.5933	After	Interior Girder 4	56.1733	0.95	1	1	4.153019
HS20_serv_inv	BOBJ1	49	112.5933	After	Interior Girder 5	56.1733	0.95	1	1	4.104078
HS20_serv_inv	BOBJ1	49	112.5933	After	Interior Girder 6	56.1733	0.95	1	1	4.328831
HS20_serv_inv	BOBJ1	49	112.5933	After	Right Exterior Girder	56.1733	0.95	1	1	4.220806
HS20_serv_inv	BOBJ1	50	115.3396	Before	Left Exterior Girder	58.9196	0.95	1	1	3.54488
HS20_serv_inv	BOBJ1	50	115.3396	Before	Right Exterior Girder	58.9196	0.95	1	1	3.54488
HS20_serv_inv	BOBJ1	51	115.3396	After	Left Exterior Girder	58.9196	0.95	1	1	7.498781
HS20_serv_inv	BOBJ1	51	115.3396	After	Right Exterior Girder	58.9196	0.95	1	1	7.498781
HS20_serv_inv	BOBJ1	52	118.2167	Before	Left Exterior Girder	61.7967	0.95	1	1	6.643825
HS20_serv_inv	BOBJ1	52	118.2167	Before	Interior Girder 1	61.9198	0.95	1	1	3.230903
HS20_serv_inv	BOBJ1	52	118.2167	Before	Interior Girder 2	61.9198	0.95	1	1	3.06718
HS20_serv_inv	BOBJ1	52	118.2167	Before	Interior Girder 3	61.9198	0.95	1	1	2.913579
HS20_serv_inv	BOBJ1	52	118.2167	Before	Interior Girder 4	61.9198	0.95	1	1	2.913579
HS20_serv_inv	BOBJ1	52	118.2167	Before	Interior Girder 5	61.9198	0.95	1	1	3.06718
HS20_serv_inv	BOBJ1	52	118.2167	Before	Interior Girder 6	61.9198	0.95	1	1	3.230903
HS20_serv_inv	BOBJ1	52	118.2167	Before	Right Exterior Girder	61.7967	0.95	1	1	6.643825
HS20_serv_inv	BOBJ1	53	118.2167	After	Left Exterior Girder	61.7967	0.95	1	1	6.642717
HS20_serv_inv	BOBJ1	53	118.2167	After	Interior Girder 1	61.9198	0.95	1	1	4.810276
HS20_serv_inv	BOBJ1	53	118.2167	After	Interior Girder 2	61.9198	0.95	1	1	4.466168
HS20_serv_inv	BOBJ1	53	118.2167	After	Interior Girder 3	61.9198	0.95	1	1	4.283841
HS20_serv_inv	BOBJ1	53	118.2167	After	Interior Girder 4	61.9198	0.95	1	1	4.283841
HS20_serv_inv	BOBJ1	53	118.2167	After	Interior Girder 5	61.9198	0.95	1	1	4.466168
HS20_serv_inv	BOBJ1	53	118.2167	After	Interior Girder 6	61.9198	0.95	1	1	4.810276
HS20_serv_inv	BOBJ1	53	118.2167	After	Right Exterior Girder	61.7967	0.95	1	1	6.642717
HS20_serv_inv	BOBJ1	54	123.84	Before	Left Exterior Girder	67.42	0.95	1	1	4.951264
HS20_serv_inv	BOBJ1	54	123.84	Before	Interior Girder 1	67.42	0.95	1	1	3.235845
HS20_serv_inv	BOBJ1	54	123.84	Before	Interior Girder 2	67.42	0.95	1	1	2.966961
HS20_serv_inv	BOBJ1	54	123.84	Before	Interior Girder 3	67.42	0.95	1	1	2.510607
HS20_serv_inv	BOBJ1	54	123.84	Before	Interior Girder 4	67.42	0.95	1	1	2.510607
HS20_serv_inv	BOBJ1	54	123.84	Before	Interior Girder 5	67.42	0.95	1	1	2.966961
HS20_serv_inv	BOBJ1	54	123.84	Before	Interior Girder 6	67.42	0.95	1	1	3.235845
HS20_serv_inv	BOBJ1	54	123.84	Before	Right Exterior Girder	67.42	0.95	1	1	4.951264
HS20_serv_inv	BOBJ1	55	123.84	After	Left Exterior Girder	0	0.95	1	1	4.906341
HS20_serv_inv	BOBJ1	55	123.84	After	Interior Girder 1	0	0.95	1	1	3.240466
HS20_serv_inv	BOBJ1	55	123.84	After	Interior Girder 2	0	0.95	1	1	2.997312
HS20_serv_inv	BOBJ1	55	123.84	After	Interior Girder 3	0	0.95	1	1	2.533659
HS20_serv_inv	BOBJ1	55	123.84	After	Interior Girder 4	0	0.95	1	1	2.533659
HS20_serv_inv	BOBJ1	55	123.84	After	Interior Girder 5	0	0.95	1	1	2.997312
HS20_serv_inv	BOBJ1	55	123.84	After	Interior Girder 6	0	0.95	1	1	3.240466
HS20_serv_inv	BOBJ1	55	123.84	After	Right Exterior Girder	0	0.95	1	1	4.906341
HS20_serv_inv	BOBJ1	56	129.34	Before	Interior Girder 1	5.5	0.95	1	1	4.844349
HS20_serv_inv	BOBJ1	56	129.34	Before	Interior Girder 2	5.5	0.95	1	1	4.527295
HS20_serv_inv	BOBJ1	56	129.34	Before	Interior Girder 3	5.5	0.95	1	1	4.347263
HS20_serv_inv	BOBJ1	56	129.34	Before	Interior Girder 4	5.5	0.95	1	1	4.347263
HS20_serv_inv	BOBJ1	56	129.34	Before	Interior Girder 5	5.5	0.95	1	1	4.527295
HS20_serv_inv	BOBJ1	56	129.34	Before	Interior Girder 6	5.5	0.95	1	1	4.844349
HS20_serv_inv	BOBJ1	57	129.34	After	Interior Girder 1	5.5	0.95	1	1	3.294717
HS20_serv_inv	BOBJ1	57	129.34	After	Interior Girder 2	5.5	0.95	1	1	3.097417
HS20_serv_inv	BOBJ1	57	129.34	After	Interior Girder 3	5.5	0.95	1	1	2.952963
HS20_serv_inv	BOBJ1	57	129.34	After	Interior Girder 4	5.5	0.95	1	1	2.952963
HS20_serv_inv	BOBJ1	57	129.34	After	Interior Girder 5	5.5	0.95	1	1	3.097417
HS20_serv_inv	BOBJ1	57	129.34	After	Interior Girder 6	5.5	0.95	1	1	3.294717
HS20_serv_inv	BOBJ1	58	130.79	Before	Left Exterior Girder	6.95	0.95	1	1	7.060796
HS20_serv_inv	BOBJ1	58	130.79	Before	Interior Girder 1	6.95	0.95	1	1	3.586662
HS20_serv_inv	BOBJ1	58	130.79	Before	Interior Girder 2	6.95	0.95	1	1	3.347164
HS20_serv_inv	BOBJ1	58	130.79	Before	Interior Girder 3	6.95	0.95	1	1	3.261232
HS20_serv_inv	BOBJ1	58	130.79	Before	Interior Girder 4	6.95	0.95	1	1	3.261232
HS20_serv_inv	BOBJ1	58	130.79	Before	Interior Girder 5	6.95	0.95	1	1	3.347164
HS20_serv_inv	BOBJ1	58	130.79	Before	Interior Girder 6	6.95	0.95	1	1	3.586662
HS20_serv_inv	BOBJ1	58	130.79	Before	Right Exterior Girder	6.95	0.95	1	1	7.060796
HS20_serv_inv	BOBJ1	59	130.79	After	Left Exterior Girder	6.95	0.95	1	1	7.11997
HS20_serv_inv	BOBJ1	59	130.79	After	Interior Girder 1	6.95	0.95	1	1	3.569413
HS20_serv_inv	BOBJ1	59	130.79	After	Interior Girder 2	6.95	0.95	1	1	3.375746
HS20_serv_inv	BOBJ1	59	130.79	After	Interior Girder 3	6.95	0.95	1	1	3.281823
HS20_serv_inv	BOBJ1	59	130.79	After	Interior Girder 4	6.95	0.95	1	1	3.281823

TABLE: Bridge Super Rating AASHTORATE18 31 - SteelICompServ-Flx - Approach, Span 12-15										
Request	BridgeObj	BridgeCut	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	Unitless	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
HS20_serv_inv	BOBJ1	59	130.79	After	Interior Girder 5	6.95	0.95	1	1	3.375746
HS20_serv_inv	BOBJ1	59	130.79	After	Interior Girder 6	6.95	0.95	1	1	3.569413
HS20_serv_inv	BOBJ1	59	130.79	After	Right Exterior Girder	6.95	0.95	1	1	7.11997
HS20_serv_inv	BOBJ1	60	132.34	Before	Left Exterior Girder	8.5	0.95	1	1	7.632453
HS20_serv_inv	BOBJ1	60	132.34	Before	Right Exterior Girder	8.5	0.95	1	1	7.632453
HS20_serv_inv	BOBJ1	61	132.34	After	Left Exterior Girder	8.5	0.95	1	1	3.568125
HS20_serv_inv	BOBJ1	61	132.34	After	Right Exterior Girder	8.5	0.95	1	1	3.568125
HS20_serv_inv	BOBJ1	62	137.74	Before	Left Exterior Girder	13.9	0.95	1	1	4.912401
HS20_serv_inv	BOBJ1	62	137.74	Before	Interior Girder 1	13.9	0.95	1	1	4.970453
HS20_serv_inv	BOBJ1	62	137.74	Before	Interior Girder 2	13.9	0.95	1	1	4.790436
HS20_serv_inv	BOBJ1	62	137.74	Before	Interior Girder 3	13.9	0.95	1	1	5.001904
HS20_serv_inv	BOBJ1	62	137.74	Before	Interior Girder 4	13.9	0.95	1	1	5.001904
HS20_serv_inv	BOBJ1	62	137.74	Before	Interior Girder 5	13.9	0.95	1	1	4.790436
HS20_serv_inv	BOBJ1	62	137.74	Before	Interior Girder 6	13.9	0.95	1	1	4.970453
HS20_serv_inv	BOBJ1	62	137.74	Before	Right Exterior Girder	13.9	0.95	1	1	4.912401
HS20_serv_inv	BOBJ1	63	137.74	After	Left Exterior Girder	13.9	0.95	1	1	4.875038
HS20_serv_inv	BOBJ1	63	137.74	After	Interior Girder 1	13.9	0.95	1	1	4.998033
HS20_serv_inv	BOBJ1	63	137.74	After	Interior Girder 2	13.9	0.95	1	1	4.826874
HS20_serv_inv	BOBJ1	63	137.74	After	Interior Girder 3	13.9	0.95	1	1	5.009326
HS20_serv_inv	BOBJ1	63	137.74	After	Interior Girder 4	13.9	0.95	1	1	5.009326
HS20_serv_inv	BOBJ1	63	137.74	After	Interior Girder 5	13.9	0.95	1	1	4.826874
HS20_serv_inv	BOBJ1	63	137.74	After	Interior Girder 6	13.9	0.95	1	1	4.998033
HS20_serv_inv	BOBJ1	63	137.74	After	Right Exterior Girder	13.9	0.95	1	1	4.875038
HS20_serv_inv	BOBJ1	64	143.7733	Before	Left Exterior Girder	19.9333	0.95	1	1	4.967806
HS20_serv_inv	BOBJ1	64	143.7733	Before	Interior Girder 1	19.9333	0.95	1	1	3.722222
HS20_serv_inv	BOBJ1	64	143.7733	Before	Interior Girder 2	19.9333	0.95	1	1	3.492173
HS20_serv_inv	BOBJ1	64	143.7733	Before	Interior Girder 3	19.9333	0.95	1	1	3.372482
HS20_serv_inv	BOBJ1	64	143.7733	Before	Interior Girder 4	19.9333	0.95	1	1	3.372482
HS20_serv_inv	BOBJ1	64	143.7733	Before	Interior Girder 5	19.9333	0.95	1	1	3.492173
HS20_serv_inv	BOBJ1	64	143.7733	Before	Interior Girder 6	19.9333	0.95	1	1	3.722222
HS20_serv_inv	BOBJ1	64	143.7733	Before	Right Exterior Girder	19.9333	0.95	1	1	4.967806
HS20_serv_inv	BOBJ1	65	143.7733	After	Left Exterior Girder	19.9333	0.95	1	1	5.049857
HS20_serv_inv	BOBJ1	65	143.7733	After	Interior Girder 1	19.9333	0.95	1	1	3.687176
HS20_serv_inv	BOBJ1	65	143.7733	After	Interior Girder 2	19.9333	0.95	1	1	3.497308
HS20_serv_inv	BOBJ1	65	143.7733	After	Interior Girder 3	19.9333	0.95	1	1	3.424803
HS20_serv_inv	BOBJ1	65	143.7733	After	Interior Girder 4	19.9333	0.95	1	1	3.424803
HS20_serv_inv	BOBJ1	65	143.7733	After	Interior Girder 5	19.9333	0.95	1	1	3.497308
HS20_serv_inv	BOBJ1	65	143.7733	After	Interior Girder 6	19.9333	0.95	1	1	3.687176
HS20_serv_inv	BOBJ1	65	143.7733	After	Right Exterior Girder	19.9333	0.95	1	1	5.049857
HS20_serv_inv	BOBJ1	66	149.8067	Before	Left Exterior Girder	25.9667	0.95	1	1	3.626579
HS20_serv_inv	BOBJ1	66	149.8067	Before	Interior Girder 1	25.9667	0.95	1	1	2.930317
HS20_serv_inv	BOBJ1	66	149.8067	Before	Interior Girder 2	25.9667	0.95	1	1	2.782628
HS20_serv_inv	BOBJ1	66	149.8067	Before	Interior Girder 3	25.9667	0.95	1	1	2.714441
HS20_serv_inv	BOBJ1	66	149.8067	Before	Interior Girder 4	25.9667	0.95	1	1	2.714441
HS20_serv_inv	BOBJ1	66	149.8067	Before	Interior Girder 5	25.9667	0.95	1	1	2.782628
HS20_serv_inv	BOBJ1	66	149.8067	Before	Interior Girder 6	25.9667	0.95	1	1	2.930317
HS20_serv_inv	BOBJ1	66	149.8067	Before	Right Exterior Girder	25.9667	0.95	1	1	3.626579
HS20_serv_inv	BOBJ1	67	149.8067	After	Left Exterior Girder	25.9667	0.95	1	1	3.624099
HS20_serv_inv	BOBJ1	67	149.8067	After	Interior Girder 1	25.9667	0.95	1	1	2.940014
HS20_serv_inv	BOBJ1	67	149.8067	After	Interior Girder 2	25.9667	0.95	1	1	2.805718
HS20_serv_inv	BOBJ1	67	149.8067	After	Interior Girder 3	25.9667	0.95	1	1	2.757898
HS20_serv_inv	BOBJ1	67	149.8067	After	Interior Girder 4	25.9667	0.95	1	1	2.757898
HS20_serv_inv	BOBJ1	67	149.8067	After	Interior Girder 5	25.9667	0.95	1	1	2.805718
HS20_serv_inv	BOBJ1	67	149.8067	After	Interior Girder 6	25.9667	0.95	1	1	2.940014
HS20_serv_inv	BOBJ1	67	149.8067	After	Right Exterior Girder	25.9667	0.95	1	1	3.624099
HS20_serv_inv	BOBJ1	68	155.84	Before	Left Exterior Girder	32	0.95	1	1	3.074573
HS20_serv_inv	BOBJ1	68	155.84	Before	Interior Girder 1	32	0.95	1	1	2.810591
HS20_serv_inv	BOBJ1	68	155.84	Before	Interior Girder 2	32	0.95	1	1	2.675669
HS20_serv_inv	BOBJ1	68	155.84	Before	Interior Girder 3	32	0.95	1	1	2.627981
HS20_serv_inv	BOBJ1	68	155.84	Before	Interior Girder 4	32	0.95	1	1	2.627981
HS20_serv_inv	BOBJ1	68	155.84	Before	Interior Girder 5	32	0.95	1	1	2.675669
HS20_serv_inv	BOBJ1	68	155.84	Before	Interior Girder 6	32	0.95	1	1	2.810591
HS20_serv_inv	BOBJ1	68	155.84	Before	Right Exterior Girder	32	0.95	1	1	3.074573
HS20_serv_inv	BOBJ1	69	155.84	After	Left Exterior Girder	32	0.95	1	1	3.085123
HS20_serv_inv	BOBJ1	69	155.84	After	Interior Girder 1	32	0.95	1	1	2.805674
HS20_serv_inv	BOBJ1	69	155.84	After	Interior Girder 2	32	0.95	1	1	2.673129
HS20_serv_inv	BOBJ1	69	155.84	After	Interior Girder 3	32	0.95	1	1	2.634656
HS20_serv_inv	BOBJ1	69	155.84	After	Interior Girder 4	32	0.95	1	1	2.634656
HS20_serv_inv	BOBJ1	69	155.84	After	Interior Girder 5	32	0.95	1	1	2.673129
HS20_serv_inv	BOBJ1	69	155.84	After	Interior Girder 6	32	0.95	1	1	2.805674
HS20_serv_inv	BOBJ1	69	155.84	After	Right Exterior Girder	32	0.95	1	1	3.085123
HS20_serv_inv	BOBJ1	70	161.8733	Before	Left Exterior Girder	38.0333	0.95	1	1	3.306593
HS20_serv_inv	BOBJ1	70	161.8733	Before	Interior Girder 1	38.0333	0.95	1	1	2.749756

TABLE: Bridge Super Rating AASHTORATE18 31 - SteelCompServ-Flx - Approach, Span 12-15										
Request	BridgeObj	BridgeCut	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	Unitless	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
HS20_serv_inv	BOBJ1	70	161.8733	Before	Interior Girder 2	38.0333	0.95	1	1	2.623294
HS20_serv_inv	BOBJ1	70	161.8733	Before	Interior Girder 3	38.0333	0.95	1	1	2.571152
HS20_serv_inv	BOBJ1	70	161.8733	Before	Interior Girder 4	38.0333	0.95	1	1	2.571152
HS20_serv_inv	BOBJ1	70	161.8733	Before	Interior Girder 5	38.0333	0.95	1	1	2.623294
HS20_serv_inv	BOBJ1	70	161.8733	Before	Interior Girder 6	38.0333	0.95	1	1	2.749756
HS20_serv_inv	BOBJ1	70	161.8733	Before	Right Exterior Girder	38.0333	0.95	1	1	3.306593
HS20_serv_inv	BOBJ1	71	161.8733	After	Left Exterior Girder	38.0333	0.95	1	1	3.31486
HS20_serv_inv	BOBJ1	71	161.8733	After	Interior Girder 1	38.0333	0.95	1	1	2.732601
HS20_serv_inv	BOBJ1	71	161.8733	After	Interior Girder 2	38.0333	0.95	1	1	2.603655
HS20_serv_inv	BOBJ1	71	161.8733	After	Interior Girder 3	38.0333	0.95	1	1	2.538679
HS20_serv_inv	BOBJ1	71	161.8733	After	Interior Girder 4	38.0333	0.95	1	1	2.538679
HS20_serv_inv	BOBJ1	71	161.8733	After	Interior Girder 5	38.0333	0.95	1	1	2.603655
HS20_serv_inv	BOBJ1	71	161.8733	After	Interior Girder 6	38.0333	0.95	1	1	2.732601
HS20_serv_inv	BOBJ1	71	161.8733	After	Right Exterior Girder	38.0333	0.95	1	1	3.31486
HS20_serv_inv	BOBJ1	72	167.9067	Before	Left Exterior Girder	44.0667	0.95	1	1	4.076118
HS20_serv_inv	BOBJ1	72	167.9067	Before	Interior Girder 1	44.0667	0.95	1	1	3.158989
HS20_serv_inv	BOBJ1	72	167.9067	Before	Interior Girder 2	44.0667	0.95	1	1	2.992998
HS20_serv_inv	BOBJ1	72	167.9067	Before	Interior Girder 3	44.0667	0.95	1	1	2.927571
HS20_serv_inv	BOBJ1	72	167.9067	Before	Interior Girder 4	44.0667	0.95	1	1	2.927571
HS20_serv_inv	BOBJ1	72	167.9067	Before	Interior Girder 5	44.0667	0.95	1	1	2.992998
HS20_serv_inv	BOBJ1	72	167.9067	Before	Interior Girder 6	44.0667	0.95	1	1	3.158989
HS20_serv_inv	BOBJ1	72	167.9067	Before	Right Exterior Girder	44.0667	0.95	1	1	4.076118
HS20_serv_inv	BOBJ1	73	167.9067	After	Left Exterior Girder	44.0667	0.95	1	1	4.012073
HS20_serv_inv	BOBJ1	73	167.9067	After	Interior Girder 1	44.0667	0.95	1	1	3.183978
HS20_serv_inv	BOBJ1	73	167.9067	After	Interior Girder 2	44.0667	0.95	1	1	2.99722
HS20_serv_inv	BOBJ1	73	167.9067	After	Interior Girder 3	44.0667	0.95	1	1	2.897748
HS20_serv_inv	BOBJ1	73	167.9067	After	Interior Girder 4	44.0667	0.95	1	1	2.897748
HS20_serv_inv	BOBJ1	73	167.9067	After	Interior Girder 5	44.0667	0.95	1	1	2.99722
HS20_serv_inv	BOBJ1	73	167.9067	After	Interior Girder 6	44.0667	0.95	1	1	3.183978
HS20_serv_inv	BOBJ1	73	167.9067	After	Right Exterior Girder	44.0667	0.95	1	1	4.012073
HS20_serv_inv	BOBJ1	74	173.94	Before	Left Exterior Girder	50.1	0.95	1	1	5.751698
HS20_serv_inv	BOBJ1	74	173.94	Before	Interior Girder 1	50.1	0.95	1	1	4.618042
HS20_serv_inv	BOBJ1	74	173.94	Before	Interior Girder 2	50.1	0.95	1	1	4.221577
HS20_serv_inv	BOBJ1	74	173.94	Before	Interior Girder 3	50.1	0.95	1	1	4.118138
HS20_serv_inv	BOBJ1	74	173.94	Before	Interior Girder 4	50.1	0.95	1	1	4.118138
HS20_serv_inv	BOBJ1	74	173.94	Before	Interior Girder 5	50.1	0.95	1	1	4.221577
HS20_serv_inv	BOBJ1	74	173.94	Before	Interior Girder 6	50.1	0.95	1	1	4.618042
HS20_serv_inv	BOBJ1	74	173.94	Before	Right Exterior Girder	50.1	0.95	1	1	5.751698
HS20_serv_inv	BOBJ1	75	173.94	After	Left Exterior Girder	50.1	0.95	1	1	5.708531
HS20_serv_inv	BOBJ1	75	173.94	After	Interior Girder 1	50.1	0.95	1	1	4.621784
HS20_serv_inv	BOBJ1	75	173.94	After	Interior Girder 2	50.1	0.95	1	1	4.201092
HS20_serv_inv	BOBJ1	75	173.94	After	Interior Girder 3	50.1	0.95	1	1	4.065968
HS20_serv_inv	BOBJ1	75	173.94	After	Interior Girder 4	50.1	0.95	1	1	4.065968
HS20_serv_inv	BOBJ1	75	173.94	After	Interior Girder 5	50.1	0.95	1	1	4.201092
HS20_serv_inv	BOBJ1	75	173.94	After	Interior Girder 6	50.1	0.95	1	1	4.621784
HS20_serv_inv	BOBJ1	75	173.94	After	Right Exterior Girder	50.1	0.95	1	1	5.708531
HS20_serv_inv	BOBJ1	76	179.98	Before	Left Exterior Girder	56.14	0.95	1	1	5.608741
HS20_serv_inv	BOBJ1	76	179.98	Before	Interior Girder 1	56.14	0.95	1	1	5.627022
HS20_serv_inv	BOBJ1	76	179.98	Before	Interior Girder 2	56.14	0.95	1	1	5.301285
HS20_serv_inv	BOBJ1	76	179.98	Before	Interior Girder 3	56.14	0.95	1	1	5.278015
HS20_serv_inv	BOBJ1	76	179.98	Before	Interior Girder 4	56.14	0.95	1	1	5.278015
HS20_serv_inv	BOBJ1	76	179.98	Before	Interior Girder 5	56.14	0.95	1	1	5.301285
HS20_serv_inv	BOBJ1	76	179.98	Before	Interior Girder 6	56.14	0.95	1	1	5.627022
HS20_serv_inv	BOBJ1	76	179.98	Before	Right Exterior Girder	56.14	0.95	1	1	5.608741
HS20_serv_inv	BOBJ1	77	179.98	After	Left Exterior Girder	56.14	0.95	1	1	5.651309
HS20_serv_inv	BOBJ1	77	179.98	After	Interior Girder 1	56.14	0.95	1	1	5.590593
HS20_serv_inv	BOBJ1	77	179.98	After	Interior Girder 2	56.14	0.95	1	1	5.220077
HS20_serv_inv	BOBJ1	77	179.98	After	Interior Girder 3	56.14	0.95	1	1	5.21055
HS20_serv_inv	BOBJ1	77	179.98	After	Interior Girder 4	56.14	0.95	1	1	5.21055
HS20_serv_inv	BOBJ1	77	179.98	After	Interior Girder 5	56.14	0.95	1	1	5.220077
HS20_serv_inv	BOBJ1	77	179.98	After	Interior Girder 6	56.14	0.95	1	1	5.590593
HS20_serv_inv	BOBJ1	77	179.98	After	Right Exterior Girder	56.14	0.95	1	1	5.651309
HS20_serv_inv	BOBJ1	78	183.56	Before	Left Exterior Girder	59.72	0.95	1	1	4.542892
HS20_serv_inv	BOBJ1	78	183.56	Before	Right Exterior Girder	59.72	0.95	1	1	4.542892
HS20_serv_inv	BOBJ1	79	183.56	After	Left Exterior Girder	59.72	0.95	1	1	10.309813
HS20_serv_inv	BOBJ1	79	183.56	After	Right Exterior Girder	59.72	0.95	1	1	10.309813
HS20_serv_inv	BOBJ1	80	186.02	Before	Left Exterior Girder	62.18	0.95	1	1	9.321958
HS20_serv_inv	BOBJ1	80	186.02	Before	Interior Girder 1	62.22	0.95	1	1	4.06979
HS20_serv_inv	BOBJ1	80	186.02	Before	Interior Girder 2	62.22	0.95	1	1	3.829268
HS20_serv_inv	BOBJ1	80	186.02	Before	Interior Girder 3	62.22	0.95	1	1	3.563806
HS20_serv_inv	BOBJ1	80	186.02	Before	Interior Girder 4	62.22	0.95	1	1	3.563806
HS20_serv_inv	BOBJ1	80	186.02	Before	Interior Girder 5	62.22	0.95	1	1	3.829268
HS20_serv_inv	BOBJ1	80	186.02	Before	Interior Girder 6	62.22	0.95	1	1	4.06979

TABLE: Bridge Super Rating AASHTORATE18 31 - SteelICompServ-Flx - Approach, Span 12-15										
Request	BridgeObj	BridgeCut	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	Unitless	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
HS20_serv_inv	BOBJ1	80	186.02	Before	Right Exterior Girder	62.18	0.95	1	1	9.321958
HS20_serv_inv	BOBJ1	81	186.02	After	Left Exterior Girder	62.18	0.95	1	1	9.370333
HS20_serv_inv	BOBJ1	81	186.02	After	Interior Girder 1	62.22	0.95	1	1	6.3837
HS20_serv_inv	BOBJ1	81	186.02	After	Interior Girder 2	62.22	0.95	1	1	5.855781
HS20_serv_inv	BOBJ1	81	186.02	After	Interior Girder 3	62.22	0.95	1	1	5.505854
HS20_serv_inv	BOBJ1	81	186.02	After	Interior Girder 4	62.22	0.95	1	1	5.505854
HS20_serv_inv	BOBJ1	81	186.02	After	Interior Girder 5	62.22	0.95	1	1	5.855781
HS20_serv_inv	BOBJ1	81	186.02	After	Interior Girder 6	62.22	0.95	1	1	6.3837
HS20_serv_inv	BOBJ1	81	186.02	After	Right Exterior Girder	62.18	0.95	1	1	9.370333
HS20_serv_inv	BOBJ1	82	192.06	Before	Left Exterior Girder	68.22	0.95	1	1	4.909213
HS20_serv_inv	BOBJ1	82	192.06	Before	Interior Girder 1	68.22	0.95	1	1	3.150677
HS20_serv_inv	BOBJ1	82	192.06	Before	Interior Girder 2	68.22	0.95	1	1	2.962278
HS20_serv_inv	BOBJ1	82	192.06	Before	Interior Girder 3	68.22	0.95	1	1	2.55651
HS20_serv_inv	BOBJ1	82	192.06	Before	Interior Girder 4	68.22	0.95	1	1	2.55651
HS20_serv_inv	BOBJ1	82	192.06	Before	Interior Girder 5	68.22	0.95	1	1	2.962278
HS20_serv_inv	BOBJ1	82	192.06	Before	Interior Girder 6	68.22	0.95	1	1	3.150677
HS20_serv_inv	BOBJ1	82	192.06	Before	Right Exterior Girder	68.22	0.95	1	1	4.909213
HS20_serv_inv	BOBJ1	83	192.06	After	Left Exterior Girder	0	0.95	1	1	4.719363
HS20_serv_inv	BOBJ1	83	192.06	After	Interior Girder 1	0	0.95	1	1	3.517392
HS20_serv_inv	BOBJ1	83	192.06	After	Interior Girder 2	0	0.95	1	1	3.242322
HS20_serv_inv	BOBJ1	83	192.06	After	Interior Girder 3	0	0.95	1	1	2.791658
HS20_serv_inv	BOBJ1	83	192.06	After	Interior Girder 4	0	0.95	1	1	2.791658
HS20_serv_inv	BOBJ1	83	192.06	After	Interior Girder 5	0	0.95	1	1	3.242322
HS20_serv_inv	BOBJ1	83	192.06	After	Interior Girder 6	0	0.95	1	1	3.517392
HS20_serv_inv	BOBJ1	83	192.06	After	Right Exterior Girder	0	0.95	1	1	4.719363
HS20_serv_inv	BOBJ1	84	197.087	Before	Interior Girder 1	5.027	0.95	1	1	4.519752
HS20_serv_inv	BOBJ1	84	197.087	Before	Interior Girder 2	5.027	0.95	1	1	4.214743
HS20_serv_inv	BOBJ1	84	197.087	Before	Interior Girder 3	5.027	0.95	1	1	4.136995
HS20_serv_inv	BOBJ1	84	197.087	Before	Interior Girder 4	5.027	0.95	1	1	4.136995
HS20_serv_inv	BOBJ1	84	197.087	Before	Interior Girder 5	5.027	0.95	1	1	4.214743
HS20_serv_inv	BOBJ1	84	197.087	Before	Interior Girder 6	5.027	0.95	1	1	4.519752
HS20_serv_inv	BOBJ1	85	197.087	After	Interior Girder 1	5.027	0.95	1	1	2.876169
HS20_serv_inv	BOBJ1	85	197.087	After	Interior Girder 2	5.027	0.95	1	1	2.688068
HS20_serv_inv	BOBJ1	85	197.087	After	Interior Girder 3	5.027	0.95	1	1	2.626971
HS20_serv_inv	BOBJ1	85	197.087	After	Interior Girder 4	5.027	0.95	1	1	2.626971
HS20_serv_inv	BOBJ1	85	197.087	After	Interior Girder 5	5.027	0.95	1	1	2.688068
HS20_serv_inv	BOBJ1	85	197.087	After	Interior Girder 6	5.027	0.95	1	1	2.876169
HS20_serv_inv	BOBJ1	86	197.91	Before	Left Exterior Girder	5.85	0.95	1	1	6.26256
HS20_serv_inv	BOBJ1	86	197.91	Before	Interior Girder 1	5.85	0.95	1	1	3.019201
HS20_serv_inv	BOBJ1	86	197.91	Before	Interior Girder 2	5.85	0.95	1	1	2.803925
HS20_serv_inv	BOBJ1	86	197.91	Before	Interior Girder 3	5.85	0.95	1	1	2.785519
HS20_serv_inv	BOBJ1	86	197.91	Before	Interior Girder 4	5.85	0.95	1	1	2.785519
HS20_serv_inv	BOBJ1	86	197.91	Before	Interior Girder 5	5.85	0.95	1	1	2.803925
HS20_serv_inv	BOBJ1	86	197.91	Before	Interior Girder 6	5.85	0.95	1	1	3.019201
HS20_serv_inv	BOBJ1	86	197.91	Before	Right Exterior Girder	5.85	0.95	1	1	6.26256
HS20_serv_inv	BOBJ1	87	197.91	After	Left Exterior Girder	5.85	0.95	1	1	6.298289
HS20_serv_inv	BOBJ1	87	197.91	After	Interior Girder 1	5.85	0.95	1	1	3.019132
HS20_serv_inv	BOBJ1	87	197.91	After	Interior Girder 2	5.85	0.95	1	1	2.824437
HS20_serv_inv	BOBJ1	87	197.91	After	Interior Girder 3	5.85	0.95	1	1	2.787889
HS20_serv_inv	BOBJ1	87	197.91	After	Interior Girder 4	5.85	0.95	1	1	2.787889
HS20_serv_inv	BOBJ1	87	197.91	After	Interior Girder 5	5.85	0.95	1	1	2.824437
HS20_serv_inv	BOBJ1	87	197.91	After	Interior Girder 6	5.85	0.95	1	1	3.019132
HS20_serv_inv	BOBJ1	87	197.91	After	Right Exterior Girder	5.85	0.95	1	1	6.298289
HS20_serv_inv	BOBJ1	88	199.1816	Before	Left Exterior Girder	7.1216	0.95	1	1	6.648874
HS20_serv_inv	BOBJ1	88	199.1816	Before	Right Exterior Girder	7.1216	0.95	1	1	6.648874
HS20_serv_inv	BOBJ1	89	199.1816	After	Left Exterior Girder	7.1216	0.95	1	1	2.864388
HS20_serv_inv	BOBJ1	89	199.1816	After	Right Exterior Girder	7.1216	0.95	1	1	2.864388
HS20_serv_inv	BOBJ1	90	203.5267	Before	Left Exterior Girder	11.3107	0.95	1	1	3.778606
HS20_serv_inv	BOBJ1	90	203.5267	Before	Interior Girder 1	11.3107	0.95	1	1	3.997801
HS20_serv_inv	BOBJ1	90	203.5267	Before	Interior Girder 2	11.3107	0.95	1	1	3.764184
HS20_serv_inv	BOBJ1	90	203.5267	Before	Interior Girder 3	11.3107	0.95	1	1	3.878469
HS20_serv_inv	BOBJ1	90	203.5267	Before	Interior Girder 4	11.3107	0.95	1	1	3.878469
HS20_serv_inv	BOBJ1	90	203.5267	Before	Interior Girder 5	11.3107	0.95	1	1	3.764184
HS20_serv_inv	BOBJ1	90	203.5267	Before	Interior Girder 6	11.3107	0.95	1	1	3.997801
HS20_serv_inv	BOBJ1	90	203.5267	Before	Right Exterior Girder	11.3107	0.95	1	1	3.778606
HS20_serv_inv	BOBJ1	91	203.5267	After	Left Exterior Girder	11.3107	0.95	1	1	6.024689
HS20_serv_inv	BOBJ1	91	203.5267	After	Interior Girder 1	11.3107	0.95	1	1	6.277295
HS20_serv_inv	BOBJ1	91	203.5267	After	Interior Girder 2	11.3107	0.95	1	1	5.985407
HS20_serv_inv	BOBJ1	91	203.5267	After	Interior Girder 3	11.3107	0.95	1	1	6.125655
HS20_serv_inv	BOBJ1	91	203.5267	After	Interior Girder 4	11.3107	0.95	1	1	6.125655
HS20_serv_inv	BOBJ1	91	203.5267	After	Interior Girder 5	11.3107	0.95	1	1	5.985407
HS20_serv_inv	BOBJ1	91	203.5267	After	Interior Girder 6	11.3107	0.95	1	1	6.277295
HS20_serv_inv	BOBJ1	91	203.5267	After	Right Exterior Girder	11.3107	0.95	1	1	6.024689

TABLE: Bridge Super Rating AASHTORATE18 31 - SteelICompServ-Flx - Approach, Span 12-15										
Request	BridgeObj	BridgeCut	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	Unitless	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
HS20_serv_inv	BOBJ1	92	209.1433	Before	Left Exterior Girder	17.0833	0.95	1	1	6.65962
HS20_serv_inv	BOBJ1	92	209.1433	Before	Interior Girder 1	17.0833	0.95	1	1	5.371261
HS20_serv_inv	BOBJ1	92	209.1433	Before	Interior Girder 2	17.0833	0.95	1	1	4.989284
HS20_serv_inv	BOBJ1	92	209.1433	Before	Interior Girder 3	17.0833	0.95	1	1	4.872874
HS20_serv_inv	BOBJ1	92	209.1433	Before	Interior Girder 4	17.0833	0.95	1	1	4.872874
HS20_serv_inv	BOBJ1	92	209.1433	Before	Interior Girder 5	17.0833	0.95	1	1	4.989284
HS20_serv_inv	BOBJ1	92	209.1433	Before	Interior Girder 6	17.0833	0.95	1	1	5.371261
HS20_serv_inv	BOBJ1	92	209.1433	Before	Right Exterior Girder	17.0833	0.95	1	1	6.65962
HS20_serv_inv	BOBJ1	93	209.1433	After	Left Exterior Girder	17.0833	0.95	1	1	6.560409
HS20_serv_inv	BOBJ1	93	209.1433	After	Interior Girder 1	17.0833	0.95	1	1	5.411114
HS20_serv_inv	BOBJ1	93	209.1433	After	Interior Girder 2	17.0833	0.95	1	1	5.0602
HS20_serv_inv	BOBJ1	93	209.1433	After	Interior Girder 3	17.0833	0.95	1	1	4.97985
HS20_serv_inv	BOBJ1	93	209.1433	After	Interior Girder 4	17.0833	0.95	1	1	4.97985
HS20_serv_inv	BOBJ1	93	209.1433	After	Interior Girder 5	17.0833	0.95	1	1	5.0602
HS20_serv_inv	BOBJ1	93	209.1433	After	Interior Girder 6	17.0833	0.95	1	1	5.411114
HS20_serv_inv	BOBJ1	93	209.1433	After	Right Exterior Girder	17.0833	0.95	1	1	6.560409
HS20_serv_inv	BOBJ1	94	214.76	Before	Left Exterior Girder	22.7	0.95	1	1	4.953215
HS20_serv_inv	BOBJ1	94	214.76	Before	Interior Girder 1	22.7	0.95	1	1	4.292214
HS20_serv_inv	BOBJ1	94	214.76	Before	Interior Girder 2	22.7	0.95	1	1	4.008426
HS20_serv_inv	BOBJ1	94	214.76	Before	Interior Girder 3	22.7	0.95	1	1	3.92376
HS20_serv_inv	BOBJ1	94	214.76	Before	Interior Girder 4	22.7	0.95	1	1	3.92376
HS20_serv_inv	BOBJ1	94	214.76	Before	Interior Girder 5	22.7	0.95	1	1	4.008426
HS20_serv_inv	BOBJ1	94	214.76	Before	Interior Girder 6	22.7	0.95	1	1	4.292214
HS20_serv_inv	BOBJ1	94	214.76	Before	Right Exterior Girder	22.7	0.95	1	1	4.953215
HS20_serv_inv	BOBJ1	95	214.76	After	Left Exterior Girder	22.7	0.95	1	1	4.952825
HS20_serv_inv	BOBJ1	95	214.76	After	Interior Girder 1	22.7	0.95	1	1	4.282146
HS20_serv_inv	BOBJ1	95	214.76	After	Interior Girder 2	22.7	0.95	1	1	4.023999
HS20_serv_inv	BOBJ1	95	214.76	After	Interior Girder 3	22.7	0.95	1	1	3.955768
HS20_serv_inv	BOBJ1	95	214.76	After	Interior Girder 4	22.7	0.95	1	1	3.955768
HS20_serv_inv	BOBJ1	95	214.76	After	Interior Girder 5	22.7	0.95	1	1	4.023999
HS20_serv_inv	BOBJ1	95	214.76	After	Interior Girder 6	22.7	0.95	1	1	4.282146
HS20_serv_inv	BOBJ1	95	214.76	After	Right Exterior Girder	22.7	0.95	1	1	4.952825
HS20_serv_inv	BOBJ1	96	220.3767	Before	Left Exterior Girder	28.3167	0.95	1	1	4.604865
HS20_serv_inv	BOBJ1	96	220.3767	Before	Interior Girder 1	28.3167	0.95	1	1	3.656553
HS20_serv_inv	BOBJ1	96	220.3767	Before	Interior Girder 2	28.3167	0.95	1	1	3.454182
HS20_serv_inv	BOBJ1	96	220.3767	Before	Interior Girder 3	28.3167	0.95	1	1	3.345899
HS20_serv_inv	BOBJ1	96	220.3767	Before	Interior Girder 4	28.3167	0.95	1	1	3.345899
HS20_serv_inv	BOBJ1	96	220.3767	Before	Interior Girder 5	28.3167	0.95	1	1	3.454182
HS20_serv_inv	BOBJ1	96	220.3767	Before	Interior Girder 6	28.3167	0.95	1	1	3.656553
HS20_serv_inv	BOBJ1	96	220.3767	Before	Right Exterior Girder	28.3167	0.95	1	1	4.604865
HS20_serv_inv	BOBJ1	97	220.3767	After	Left Exterior Girder	28.3167	0.95	1	1	4.630661
HS20_serv_inv	BOBJ1	97	220.3767	After	Interior Girder 1	28.3167	0.95	1	1	3.650566
HS20_serv_inv	BOBJ1	97	220.3767	After	Interior Girder 2	28.3167	0.95	1	1	3.455663
HS20_serv_inv	BOBJ1	97	220.3767	After	Interior Girder 3	28.3167	0.95	1	1	3.363871
HS20_serv_inv	BOBJ1	97	220.3767	After	Interior Girder 4	28.3167	0.95	1	1	3.363871
HS20_serv_inv	BOBJ1	97	220.3767	After	Interior Girder 5	28.3167	0.95	1	1	3.455663
HS20_serv_inv	BOBJ1	97	220.3767	After	Interior Girder 6	28.3167	0.95	1	1	3.650566
HS20_serv_inv	BOBJ1	97	220.3767	After	Right Exterior Girder	28.3167	0.95	1	1	4.630661
HS20_serv_inv	BOBJ1	98	225.9933	Before	Left Exterior Girder	33.9333	0.95	1	1	4.448035
HS20_serv_inv	BOBJ1	98	225.9933	Before	Interior Girder 1	33.9333	0.95	1	1	3.513206
HS20_serv_inv	BOBJ1	98	225.9933	Before	Interior Girder 2	33.9333	0.95	1	1	3.340169
HS20_serv_inv	BOBJ1	98	225.9933	Before	Interior Girder 3	33.9333	0.95	1	1	3.244671
HS20_serv_inv	BOBJ1	98	225.9933	Before	Interior Girder 4	33.9333	0.95	1	1	3.244671
HS20_serv_inv	BOBJ1	98	225.9933	Before	Interior Girder 5	33.9333	0.95	1	1	3.340169
HS20_serv_inv	BOBJ1	98	225.9933	Before	Interior Girder 6	33.9333	0.95	1	1	3.513206
HS20_serv_inv	BOBJ1	98	225.9933	Before	Right Exterior Girder	33.9333	0.95	1	1	4.448035
HS20_serv_inv	BOBJ1	99	225.9933	After	Left Exterior Girder	33.9333	0.95	1	1	4.417006
HS20_serv_inv	BOBJ1	99	225.9933	After	Interior Girder 1	33.9333	0.95	1	1	3.523761
HS20_serv_inv	BOBJ1	99	225.9933	After	Interior Girder 2	33.9333	0.95	1	1	3.335072
HS20_serv_inv	BOBJ1	99	225.9933	After	Interior Girder 3	33.9333	0.95	1	1	3.228398
HS20_serv_inv	BOBJ1	99	225.9933	After	Interior Girder 4	33.9333	0.95	1	1	3.228398
HS20_serv_inv	BOBJ1	99	225.9933	After	Interior Girder 5	33.9333	0.95	1	1	3.335072
HS20_serv_inv	BOBJ1	99	225.9933	After	Interior Girder 6	33.9333	0.95	1	1	3.523761
HS20_serv_inv	BOBJ1	99	225.9933	After	Right Exterior Girder	33.9333	0.95	1	1	4.417006
HS20_serv_inv	BOBJ1	100	231.61	Before	Left Exterior Girder	39.55	0.95	1	1	4.681515
HS20_serv_inv	BOBJ1	100	231.61	Before	Interior Girder 1	39.55	0.95	1	1	3.911755
HS20_serv_inv	BOBJ1	100	231.61	Before	Interior Girder 2	39.55	0.95	1	1	3.686847
HS20_serv_inv	BOBJ1	100	231.61	Before	Interior Girder 3	39.55	0.95	1	1	3.584698
HS20_serv_inv	BOBJ1	100	231.61	Before	Interior Girder 4	39.55	0.95	1	1	3.584698
HS20_serv_inv	BOBJ1	100	231.61	Before	Interior Girder 5	39.55	0.95	1	1	3.686847
HS20_serv_inv	BOBJ1	100	231.61	Before	Interior Girder 6	39.55	0.95	1	1	3.911755
HS20_serv_inv	BOBJ1	100	231.61	Before	Right Exterior Girder	39.55	0.95	1	1	4.681515
HS20_serv_inv	BOBJ1	101	231.61	After	Left Exterior Girder	39.55	0.95	1	1	4.671797

TABLE: Bridge Super Rating AASHTORATE18 31 - SteelICompServ-Flx - Approach, Span 12-15										
Request	BridgeObj	BridgeCut	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	Unitless	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
HS20_serv_inv	BOBJ1	101	231.61	After	Interior Girder 1	39.55	0.95	1	1	3.911235
HS20_serv_inv	BOBJ1	101	231.61	After	Interior Girder 2	39.55	0.95	1	1	3.655339
HS20_serv_inv	BOBJ1	101	231.61	After	Interior Girder 3	39.55	0.95	1	1	3.533319
HS20_serv_inv	BOBJ1	101	231.61	After	Interior Girder 4	39.55	0.95	1	1	3.533319
HS20_serv_inv	BOBJ1	101	231.61	After	Interior Girder 5	39.55	0.95	1	1	3.655339
HS20_serv_inv	BOBJ1	101	231.61	After	Interior Girder 6	39.55	0.95	1	1	3.911235
HS20_serv_inv	BOBJ1	101	231.61	After	Right Exterior Girder	39.55	0.95	1	1	4.671797
HS20_serv_inv	BOBJ1	102	237.37	Before	Left Exterior Girder	45.31	0.95	1	1	6.147559
HS20_serv_inv	BOBJ1	102	237.37	Before	Interior Girder 1	45.31	0.95	1	1	4.592826
HS20_serv_inv	BOBJ1	102	237.37	Before	Interior Girder 2	45.31	0.95	1	1	4.343567
HS20_serv_inv	BOBJ1	102	237.37	Before	Interior Girder 3	45.31	0.95	1	1	4.155977
HS20_serv_inv	BOBJ1	102	237.37	Before	Interior Girder 4	45.31	0.95	1	1	4.155977
HS20_serv_inv	BOBJ1	102	237.37	Before	Interior Girder 5	45.31	0.95	1	1	4.343567
HS20_serv_inv	BOBJ1	102	237.37	Before	Interior Girder 6	45.31	0.95	1	1	4.592826
HS20_serv_inv	BOBJ1	102	237.37	Before	Right Exterior Girder	45.31	0.95	1	1	6.147559
HS20_serv_inv	BOBJ1	103	237.37	After	Left Exterior Girder	45.31	0.95	1	1	6.217566
HS20_serv_inv	BOBJ1	103	237.37	After	Interior Girder 1	45.31	0.95	1	1	4.565227
HS20_serv_inv	BOBJ1	103	237.37	After	Interior Girder 2	45.31	0.95	1	1	4.254125
HS20_serv_inv	BOBJ1	103	237.37	After	Interior Girder 3	45.31	0.95	1	1	4.010698
HS20_serv_inv	BOBJ1	103	237.37	After	Interior Girder 4	45.31	0.95	1	1	4.010698
HS20_serv_inv	BOBJ1	103	237.37	After	Interior Girder 5	45.31	0.95	1	1	4.254125
HS20_serv_inv	BOBJ1	103	237.37	After	Interior Girder 6	45.31	0.95	1	1	4.565227
HS20_serv_inv	BOBJ1	103	237.37	After	Right Exterior Girder	45.31	0.95	1	1	6.217566
HS20_serv_inv	BOBJ1	104	243.13	Before	Left Exterior Girder	51.07	0.95	1	1	11.001539
HS20_serv_inv	BOBJ1	104	243.13	Before	Interior Girder 1	51.07	0.95	1	1	7.511522
HS20_serv_inv	BOBJ1	104	243.13	Before	Interior Girder 2	51.07	0.95	1	1	7.121055
HS20_serv_inv	BOBJ1	104	243.13	Before	Interior Girder 3	51.07	0.95	1	1	6.349488
HS20_serv_inv	BOBJ1	104	243.13	Before	Interior Girder 4	51.07	0.95	1	1	6.349488
HS20_serv_inv	BOBJ1	104	243.13	Before	Interior Girder 5	51.07	0.95	1	1	7.121055
HS20_serv_inv	BOBJ1	104	243.13	Before	Interior Girder 6	51.07	0.95	1	1	7.511522
HS20_serv_inv	BOBJ1	104	243.13	Before	Right Exterior Girder	51.07	0.95	1	1	11.001539
HS20_serv_inv	BOBJ1	105	243.13	After	Left Exterior Girder	51.07	0.95	1	1	10.949069
HS20_serv_inv	BOBJ1	105	243.13	After	Interior Girder 1	51.07	0.95	1	1	7.431207
HS20_serv_inv	BOBJ1	105	243.13	After	Interior Girder 2	51.07	0.95	1	1	6.955286
HS20_serv_inv	BOBJ1	105	243.13	After	Interior Girder 3	51.07	0.95	1	1	6.032577
HS20_serv_inv	BOBJ1	105	243.13	After	Interior Girder 4	51.07	0.95	1	1	6.032577
HS20_serv_inv	BOBJ1	105	243.13	After	Interior Girder 5	51.07	0.95	1	1	6.955286
HS20_serv_inv	BOBJ1	105	243.13	After	Interior Girder 6	51.07	0.95	1	1	7.431207
HS20_serv_inv	BOBJ1	105	243.13	After	Right Exterior Girder	51.07	0.95	1	1	10.949069
HS20_serv_inv	BOBJ1	106	248.89	Before	Left Exterior Girder	56.83	0.95	1	1	511.843791
HS20_serv_inv	BOBJ1	106	248.89	Before	Interior Girder 1	56.83	0.95	1	1	421.846982
HS20_serv_inv	BOBJ1	106	248.89	Before	Interior Girder 2	56.83	0.95	1	1	257.6773
HS20_serv_inv	BOBJ1	106	248.89	Before	Interior Girder 3	56.83	0.95	1	1	200.440121
HS20_serv_inv	BOBJ1	106	248.89	Before	Interior Girder 4	56.83	0.95	1	1	200.440121
HS20_serv_inv	BOBJ1	106	248.89	Before	Interior Girder 5	56.83	0.95	1	1	257.6773
HS20_serv_inv	BOBJ1	106	248.89	Before	Interior Girder 6	56.83	0.95	1	1	421.846982
HS20_serv_inv	BOBJ1	106	248.89	Before	Right Exterior Girder	56.83	0.95	1	1	511.843791
HS15_serv_opr	BOBJ1	1	0	After	Left Exterior Girder	0	0.95	1	1	610.008401
HS15_serv_opr	BOBJ1	1	0	After	Interior Girder 1	0	0.95	1	1	443.199427
HS15_serv_opr	BOBJ1	1	0	After	Interior Girder 2	0	0.95	1	1	316.701779
HS15_serv_opr	BOBJ1	1	0	After	Interior Girder 3	0	0.95	1	1	254.473027
HS15_serv_opr	BOBJ1	1	0	After	Interior Girder 4	0	0.95	1	1	254.473027
HS15_serv_opr	BOBJ1	1	0	After	Interior Girder 5	0	0.95	1	1	316.701778
HS15_serv_opr	BOBJ1	1	0	After	Interior Girder 6	0	0.95	1	1	443.199427
HS15_serv_opr	BOBJ1	1	0	After	Right Exterior Girder	0	0.95	1	1	610.008401
HS15_serv_opr	BOBJ1	2	5.85	Before	Left Exterior Girder	5.85	0.95	1	1	15.467398
HS15_serv_opr	BOBJ1	2	5.85	Before	Interior Girder 1	5.85	0.95	1	1	11.337618
HS15_serv_opr	BOBJ1	2	5.85	Before	Interior Girder 2	5.85	0.95	1	1	10.474628
HS15_serv_opr	BOBJ1	2	5.85	Before	Interior Girder 3	5.85	0.95	1	1	9.264641
HS15_serv_opr	BOBJ1	2	5.85	Before	Interior Girder 4	5.85	0.95	1	1	9.264641
HS15_serv_opr	BOBJ1	2	5.85	Before	Interior Girder 5	5.85	0.95	1	1	10.474628
HS15_serv_opr	BOBJ1	2	5.85	Before	Interior Girder 6	5.85	0.95	1	1	11.337618
HS15_serv_opr	BOBJ1	2	5.85	Before	Right Exterior Girder	5.85	0.95	1	1	15.467398
HS15_serv_opr	BOBJ1	3	5.85	After	Left Exterior Girder	5.85	0.95	1	1	15.609888
HS15_serv_opr	BOBJ1	3	5.85	After	Interior Girder 1	5.85	0.95	1	1	11.35788
HS15_serv_opr	BOBJ1	3	5.85	After	Interior Girder 2	5.85	0.95	1	1	10.645968
HS15_serv_opr	BOBJ1	3	5.85	After	Interior Girder 3	5.85	0.95	1	1	9.690099
HS15_serv_opr	BOBJ1	3	5.85	After	Interior Girder 4	5.85	0.95	1	1	9.690099
HS15_serv_opr	BOBJ1	3	5.85	After	Interior Girder 5	5.85	0.95	1	1	10.645968
HS15_serv_opr	BOBJ1	3	5.85	After	Interior Girder 6	5.85	0.95	1	1	11.35788
HS15_serv_opr	BOBJ1	3	5.85	After	Right Exterior Girder	5.85	0.95	1	1	15.609888
HS15_serv_opr	BOBJ1	4	11.4667	Before	Left Exterior Girder	11.4667	0.95	1	1	8.817883
HS15_serv_opr	BOBJ1	4	11.4667	Before	Interior Girder 1	11.4667	0.95	1	1	6.571521

TABLE: Bridge Super Rating AASHTORATE18 31 - SteelICompServ-Flx - Approach, Span 12-15										
Request	BridgeObj	BridgeCut	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	Unitless	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
HS15_serv_opr	BOBJ1	4	11.4667	Before	Interior Girder 2	11.4667	0.95	1	1	6.160704
HS15_serv_opr	BOBJ1	4	11.4667	Before	Interior Girder 3	11.4667	0.95	1	1	5.780917
HS15_serv_opr	BOBJ1	4	11.4667	Before	Interior Girder 4	11.4667	0.95	1	1	5.780917
HS15_serv_opr	BOBJ1	4	11.4667	Before	Interior Girder 5	11.4667	0.95	1	1	6.160704
HS15_serv_opr	BOBJ1	4	11.4667	Before	Interior Girder 6	11.4667	0.95	1	1	6.571521
HS15_serv_opr	BOBJ1	4	11.4667	Before	Right Exterior Girder	11.4667	0.95	1	1	8.817883
HS15_serv_opr	BOBJ1	5	11.4667	After	Left Exterior Girder	11.4667	0.95	1	1	8.921341
HS15_serv_opr	BOBJ1	5	11.4667	After	Interior Girder 1	11.4667	0.95	1	1	6.534754
HS15_serv_opr	BOBJ1	5	11.4667	After	Interior Girder 2	11.4667	0.95	1	1	6.230396
HS15_serv_opr	BOBJ1	5	11.4667	After	Interior Girder 3	11.4667	0.95	1	1	5.935378
HS15_serv_opr	BOBJ1	5	11.4667	After	Interior Girder 4	11.4667	0.95	1	1	5.935378
HS15_serv_opr	BOBJ1	5	11.4667	After	Interior Girder 5	11.4667	0.95	1	1	6.230396
HS15_serv_opr	BOBJ1	5	11.4667	After	Interior Girder 6	11.4667	0.95	1	1	6.534754
HS15_serv_opr	BOBJ1	5	11.4667	After	Right Exterior Girder	11.4667	0.95	1	1	8.921341
HS15_serv_opr	BOBJ1	6	17.0833	Before	Left Exterior Girder	17.0833	0.95	1	1	6.82389
HS15_serv_opr	BOBJ1	6	17.0833	Before	Interior Girder 1	17.0833	0.95	1	1	5.409869
HS15_serv_opr	BOBJ1	6	17.0833	Before	Interior Girder 2	17.0833	0.95	1	1	5.123736
HS15_serv_opr	BOBJ1	6	17.0833	Before	Interior Girder 3	17.0833	0.95	1	1	4.941078
HS15_serv_opr	BOBJ1	6	17.0833	Before	Interior Girder 4	17.0833	0.95	1	1	4.941078
HS15_serv_opr	BOBJ1	6	17.0833	Before	Interior Girder 5	17.0833	0.95	1	1	5.123736
HS15_serv_opr	BOBJ1	6	17.0833	Before	Interior Girder 6	17.0833	0.95	1	1	5.409869
HS15_serv_opr	BOBJ1	6	17.0833	Before	Right Exterior Girder	17.0833	0.95	1	1	6.82389
HS15_serv_opr	BOBJ1	7	17.0833	After	Left Exterior Girder	17.0833	0.95	1	1	6.809156
HS15_serv_opr	BOBJ1	7	17.0833	After	Interior Girder 1	17.0833	0.95	1	1	5.42843
HS15_serv_opr	BOBJ1	7	17.0833	After	Interior Girder 2	17.0833	0.95	1	1	5.186845
HS15_serv_opr	BOBJ1	7	17.0833	After	Interior Girder 3	17.0833	0.95	1	1	5.024912
HS15_serv_opr	BOBJ1	7	17.0833	After	Interior Girder 4	17.0833	0.95	1	1	5.024912
HS15_serv_opr	BOBJ1	7	17.0833	After	Interior Girder 5	17.0833	0.95	1	1	5.186845
HS15_serv_opr	BOBJ1	7	17.0833	After	Interior Girder 6	17.0833	0.95	1	1	5.42843
HS15_serv_opr	BOBJ1	7	17.0833	After	Right Exterior Girder	17.0833	0.95	1	1	6.809156
HS15_serv_opr	BOBJ1	8	22.7	Before	Left Exterior Girder	22.7	0.95	1	1	6.028212
HS15_serv_opr	BOBJ1	8	22.7	Before	Interior Girder 1	22.7	0.95	1	1	5.248984
HS15_serv_opr	BOBJ1	8	22.7	Before	Interior Girder 2	22.7	0.95	1	1	4.992264
HS15_serv_opr	BOBJ1	8	22.7	Before	Interior Girder 3	22.7	0.95	1	1	4.882916
HS15_serv_opr	BOBJ1	8	22.7	Before	Interior Girder 4	22.7	0.95	1	1	4.882916
HS15_serv_opr	BOBJ1	8	22.7	Before	Interior Girder 5	22.7	0.95	1	1	4.992264
HS15_serv_opr	BOBJ1	8	22.7	Before	Interior Girder 6	22.7	0.95	1	1	5.248984
HS15_serv_opr	BOBJ1	8	22.7	Before	Right Exterior Girder	22.7	0.95	1	1	6.028212
HS15_serv_opr	BOBJ1	9	22.7	After	Left Exterior Girder	22.7	0.95	1	1	6.047414
HS15_serv_opr	BOBJ1	9	22.7	After	Interior Girder 1	22.7	0.95	1	1	5.241327
HS15_serv_opr	BOBJ1	9	22.7	After	Interior Girder 2	22.7	0.95	1	1	4.999957
HS15_serv_opr	BOBJ1	9	22.7	After	Interior Girder 3	22.7	0.95	1	1	4.903087
HS15_serv_opr	BOBJ1	9	22.7	After	Interior Girder 4	22.7	0.95	1	1	4.903087
HS15_serv_opr	BOBJ1	9	22.7	After	Interior Girder 5	22.7	0.95	1	1	4.999957
HS15_serv_opr	BOBJ1	9	22.7	After	Interior Girder 6	22.7	0.95	1	1	5.241327
HS15_serv_opr	BOBJ1	9	22.7	After	Right Exterior Girder	22.7	0.95	1	1	6.047414
HS15_serv_opr	BOBJ1	10	28.3167	Before	Left Exterior Girder	28.3167	0.95	1	1	6.574752
HS15_serv_opr	BOBJ1	10	28.3167	Before	Interior Girder 1	28.3167	0.95	1	1	5.317674
HS15_serv_opr	BOBJ1	10	28.3167	Before	Interior Girder 2	28.3167	0.95	1	1	5.065791
HS15_serv_opr	BOBJ1	10	28.3167	Before	Interior Girder 3	28.3167	0.95	1	1	4.943566
HS15_serv_opr	BOBJ1	10	28.3167	Before	Interior Girder 4	28.3167	0.95	1	1	4.943566
HS15_serv_opr	BOBJ1	10	28.3167	Before	Interior Girder 5	28.3167	0.95	1	1	5.065791
HS15_serv_opr	BOBJ1	10	28.3167	Before	Interior Girder 6	28.3167	0.95	1	1	5.317674
HS15_serv_opr	BOBJ1	10	28.3167	Before	Right Exterior Girder	28.3167	0.95	1	1	6.574752
HS15_serv_opr	BOBJ1	11	28.3167	After	Left Exterior Girder	28.3167	0.95	1	1	6.607065
HS15_serv_opr	BOBJ1	11	28.3167	After	Interior Girder 1	28.3167	0.95	1	1	5.282999
HS15_serv_opr	BOBJ1	11	28.3167	After	Interior Girder 2	28.3167	0.95	1	1	5.02531
HS15_serv_opr	BOBJ1	11	28.3167	After	Interior Girder 3	28.3167	0.95	1	1	4.881757
HS15_serv_opr	BOBJ1	11	28.3167	After	Interior Girder 4	28.3167	0.95	1	1	4.881757
HS15_serv_opr	BOBJ1	11	28.3167	After	Interior Girder 5	28.3167	0.95	1	1	5.02531
HS15_serv_opr	BOBJ1	11	28.3167	After	Interior Girder 6	28.3167	0.95	1	1	5.282999
HS15_serv_opr	BOBJ1	11	28.3167	After	Right Exterior Girder	28.3167	0.95	1	1	6.607065
HS15_serv_opr	BOBJ1	12	33.9333	Before	Left Exterior Girder	33.9333	0.95	1	1	7.890555
HS15_serv_opr	BOBJ1	12	33.9333	Before	Interior Girder 1	33.9333	0.95	1	1	6.0657
HS15_serv_opr	BOBJ1	12	33.9333	Before	Interior Girder 2	33.9333	0.95	1	1	5.768378
HS15_serv_opr	BOBJ1	12	33.9333	Before	Interior Girder 3	33.9333	0.95	1	1	5.649316
HS15_serv_opr	BOBJ1	12	33.9333	Before	Interior Girder 4	33.9333	0.95	1	1	5.649316
HS15_serv_opr	BOBJ1	12	33.9333	Before	Interior Girder 5	33.9333	0.95	1	1	5.768378
HS15_serv_opr	BOBJ1	12	33.9333	Before	Interior Girder 6	33.9333	0.95	1	1	6.0657
HS15_serv_opr	BOBJ1	12	33.9333	Before	Right Exterior Girder	33.9333	0.95	1	1	7.890555
HS15_serv_opr	BOBJ1	13	33.9333	After	Left Exterior Girder	33.9333	0.95	1	1	7.800027
HS15_serv_opr	BOBJ1	13	33.9333	After	Interior Girder 1	33.9333	0.95	1	1	6.098512
HS15_serv_opr	BOBJ1	13	33.9333	After	Interior Girder 2	33.9333	0.95	1	1	5.759943

TABLE: Bridge Super Rating AASHTORATE18 31 - SteelICompServ-Flx - Approach, Span 12-15										
Request	BridgeObj	BridgeCut	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	Unitless	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
HS15_serv_opr	BOBJ1	13	33.9333	After	Interior Girder 3	33.9333	0.95	1	1	5.589931
HS15_serv_opr	BOBJ1	13	33.9333	After	Interior Girder 4	33.9333	0.95	1	1	5.589931
HS15_serv_opr	BOBJ1	13	33.9333	After	Interior Girder 5	33.9333	0.95	1	1	5.759943
HS15_serv_opr	BOBJ1	13	33.9333	After	Interior Girder 6	33.9333	0.95	1	1	6.098512
HS15_serv_opr	BOBJ1	13	33.9333	After	Right Exterior Girder	33.9333	0.95	1	1	7.800027
HS15_serv_opr	BOBJ1	14	39.55	Before	Left Exterior Girder	39.55	0.95	1	1	10.644222
HS15_serv_opr	BOBJ1	14	39.55	Before	Interior Girder 1	39.55	0.95	1	1	8.557754
HS15_serv_opr	BOBJ1	14	39.55	Before	Interior Girder 2	39.55	0.95	1	1	7.927517
HS15_serv_opr	BOBJ1	14	39.55	Before	Interior Girder 3	39.55	0.95	1	1	7.7975
HS15_serv_opr	BOBJ1	14	39.55	Before	Interior Girder 4	39.55	0.95	1	1	7.7975
HS15_serv_opr	BOBJ1	14	39.55	Before	Interior Girder 5	39.55	0.95	1	1	7.927517
HS15_serv_opr	BOBJ1	14	39.55	Before	Interior Girder 6	39.55	0.95	1	1	8.557754
HS15_serv_opr	BOBJ1	14	39.55	Before	Right Exterior Girder	39.55	0.95	1	1	10.644222
HS15_serv_opr	BOBJ1	15	39.55	After	Left Exterior Girder	39.55	0.95	1	1	10.642313
HS15_serv_opr	BOBJ1	15	39.55	After	Interior Girder 1	39.55	0.95	1	1	8.560029
HS15_serv_opr	BOBJ1	15	39.55	After	Interior Girder 2	39.55	0.95	1	1	7.871781
HS15_serv_opr	BOBJ1	15	39.55	After	Interior Girder 3	39.55	0.95	1	1	7.658215
HS15_serv_opr	BOBJ1	15	39.55	After	Interior Girder 4	39.55	0.95	1	1	7.658215
HS15_serv_opr	BOBJ1	15	39.55	After	Interior Girder 5	39.55	0.95	1	1	7.871781
HS15_serv_opr	BOBJ1	15	39.55	After	Interior Girder 6	39.55	0.95	1	1	8.560029
HS15_serv_opr	BOBJ1	15	39.55	After	Right Exterior Girder	39.55	0.95	1	1	10.642313
HS15_serv_opr	BOBJ1	16	45.1733	Before	Left Exterior Girder	45.1226	0.95	1	1	8.755136
HS15_serv_opr	BOBJ1	16	45.1733	Before	Interior Girder 1	45.1226	0.95	1	1	8.945616
HS15_serv_opr	BOBJ1	16	45.1733	Before	Interior Girder 2	45.1226	0.95	1	1	8.581793
HS15_serv_opr	BOBJ1	16	45.1733	Before	Interior Girder 3	45.1226	0.95	1	1	8.720333
HS15_serv_opr	BOBJ1	16	45.1733	Before	Interior Girder 4	45.1226	0.95	1	1	8.720333
HS15_serv_opr	BOBJ1	16	45.1733	Before	Interior Girder 5	45.1226	0.95	1	1	8.581793
HS15_serv_opr	BOBJ1	16	45.1733	Before	Interior Girder 6	45.1226	0.95	1	1	8.945616
HS15_serv_opr	BOBJ1	16	45.1733	Before	Right Exterior Girder	45.1226	0.95	1	1	8.755136
HS15_serv_opr	BOBJ1	17	45.1733	After	Left Exterior Girder	45.1226	0.95	1	1	7.030934
HS15_serv_opr	BOBJ1	17	45.1733	After	Interior Girder 1	45.1226	0.95	1	1	7.183036
HS15_serv_opr	BOBJ1	17	45.1733	After	Interior Girder 2	45.1226	0.95	1	1	6.847106
HS15_serv_opr	BOBJ1	17	45.1733	After	Interior Girder 3	45.1226	0.95	1	1	6.990042
HS15_serv_opr	BOBJ1	17	45.1733	After	Interior Girder 4	45.1226	0.95	1	1	6.990042
HS15_serv_opr	BOBJ1	17	45.1733	After	Interior Girder 5	45.1226	0.95	1	1	6.847106
HS15_serv_opr	BOBJ1	17	45.1733	After	Interior Girder 6	45.1226	0.95	1	1	7.183036
HS15_serv_opr	BOBJ1	17	45.1733	After	Right Exterior Girder	45.1226	0.95	1	1	7.030934
HS15_serv_opr	BOBJ1	18	49.2561	Before	Left Exterior Girder	49.2561	0.95	1	1	5.398203
HS15_serv_opr	BOBJ1	18	49.2561	Before	Right Exterior Girder	49.2561	0.95	1	1	5.398203
HS15_serv_opr	BOBJ1	19	49.2561	After	Left Exterior Girder	49.2561	0.95	1	1	5.455924
HS15_serv_opr	BOBJ1	19	49.2561	After	Right Exterior Girder	49.2561	0.95	1	1	5.455924
HS15_serv_opr	BOBJ1	20	50.7967	Before	Left Exterior Girder	50.7967	0.95	1	1	10.952655
HS15_serv_opr	BOBJ1	20	50.7967	Before	Interior Girder 1	50.7967	0.95	1	1	5.434629
HS15_serv_opr	BOBJ1	20	50.7967	Before	Interior Girder 2	50.7967	0.95	1	1	5.148368
HS15_serv_opr	BOBJ1	20	50.7967	Before	Interior Girder 3	50.7967	0.95	1	1	4.94304
HS15_serv_opr	BOBJ1	20	50.7967	Before	Interior Girder 4	50.7967	0.95	1	1	4.94304
HS15_serv_opr	BOBJ1	20	50.7967	Before	Interior Girder 5	50.7967	0.95	1	1	5.148368
HS15_serv_opr	BOBJ1	20	50.7967	Before	Interior Girder 6	50.7967	0.95	1	1	5.434629
HS15_serv_opr	BOBJ1	20	50.7967	Before	Right Exterior Girder	50.7967	0.95	1	1	10.952655
HS15_serv_opr	BOBJ1	21	50.7967	After	Left Exterior Girder	50.7967	0.95	1	1	10.87796
HS15_serv_opr	BOBJ1	21	50.7967	After	Interior Girder 1	50.7967	0.95	1	1	5.43009
HS15_serv_opr	BOBJ1	21	50.7967	After	Interior Girder 2	50.7967	0.95	1	1	5.114278
HS15_serv_opr	BOBJ1	21	50.7967	After	Interior Girder 3	50.7967	0.95	1	1	4.924829
HS15_serv_opr	BOBJ1	21	50.7967	After	Interior Girder 4	50.7967	0.95	1	1	4.924829
HS15_serv_opr	BOBJ1	21	50.7967	After	Interior Girder 5	50.7967	0.95	1	1	5.114278
HS15_serv_opr	BOBJ1	21	50.7967	After	Interior Girder 6	50.7967	0.95	1	1	5.43009
HS15_serv_opr	BOBJ1	21	50.7967	After	Right Exterior Girder	50.7967	0.95	1	1	10.87796
HS15_serv_opr	BOBJ1	22	51.3989	Before	Interior Girder 1	51.3989	0.95	1	1	5.231913
HS15_serv_opr	BOBJ1	22	51.3989	Before	Interior Girder 2	51.3989	0.95	1	1	4.95078
HS15_serv_opr	BOBJ1	22	51.3989	Before	Interior Girder 3	51.3989	0.95	1	1	4.727904
HS15_serv_opr	BOBJ1	22	51.3989	Before	Interior Girder 4	51.3989	0.95	1	1	4.727904
HS15_serv_opr	BOBJ1	22	51.3989	Before	Interior Girder 5	51.3989	0.95	1	1	4.95078
HS15_serv_opr	BOBJ1	22	51.3989	Before	Interior Girder 6	51.3989	0.95	1	1	5.231913
HS15_serv_opr	BOBJ1	23	51.3989	After	Interior Girder 1	51.3989	0.95	1	1	7.718392
HS15_serv_opr	BOBJ1	23	51.3989	After	Interior Girder 2	51.3989	0.95	1	1	7.253925
HS15_serv_opr	BOBJ1	23	51.3989	After	Interior Girder 3	51.3989	0.95	1	1	6.985506
HS15_serv_opr	BOBJ1	23	51.3989	After	Interior Girder 4	51.3989	0.95	1	1	6.985506
HS15_serv_opr	BOBJ1	23	51.3989	After	Interior Girder 5	51.3989	0.95	1	1	7.253925
HS15_serv_opr	BOBJ1	23	51.3989	After	Interior Girder 6	51.3989	0.95	1	1	7.718392
HS15_serv_opr	BOBJ1	24	56.42	Before	Left Exterior Girder	56.42	0.95	1	1	8.296986
HS15_serv_opr	BOBJ1	24	56.42	Before	Interior Girder 1	56.42	0.95	1	1	5.778599
HS15_serv_opr	BOBJ1	24	56.42	Before	Interior Girder 2	56.42	0.95	1	1	5.36409
HS15_serv_opr	BOBJ1	24	56.42	Before	Interior Girder 3	56.42	0.95	1	1	4.59355

TABLE: Bridge Super Rating AASHTORATE18 31 - SteelICompServ-Flx - Approach, Span 12-15										
Request	BridgeObj	BridgeCut	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	Unitless	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
HS15_serv_opr	BOBJ1	24	56.42	Before	Interior Girder 4	56.42	0.95	1	1	4.59355
HS15_serv_opr	BOBJ1	24	56.42	Before	Interior Girder 5	56.42	0.95	1	1	5.36409
HS15_serv_opr	BOBJ1	24	56.42	Before	Interior Girder 6	56.42	0.95	1	1	5.778599
HS15_serv_opr	BOBJ1	24	56.42	Before	Right Exterior Girder	56.42	0.95	1	1	8.296986
HS15_serv_opr	BOBJ1	25	56.42	After	Left Exterior Girder	0	0.95	1	1	8.497591
HS15_serv_opr	BOBJ1	25	56.42	After	Interior Girder 1	0	0.95	1	1	5.339905
HS15_serv_opr	BOBJ1	25	56.42	After	Interior Girder 2	0	0.95	1	1	5.029261
HS15_serv_opr	BOBJ1	25	56.42	After	Interior Girder 3	0	0.95	1	1	4.33195
HS15_serv_opr	BOBJ1	25	56.42	After	Interior Girder 4	0	0.95	1	1	4.33195
HS15_serv_opr	BOBJ1	25	56.42	After	Interior Girder 5	0	0.95	1	1	5.029261
HS15_serv_opr	BOBJ1	25	56.42	After	Interior Girder 6	0	0.95	1	1	5.339905
HS15_serv_opr	BOBJ1	25	56.42	After	Right Exterior Girder	0	0.95	1	1	8.497591
HS15_serv_opr	BOBJ1	26	62.0367	Before	Left Exterior Girder	5.6167	0.95	1	1	14.013186
HS15_serv_opr	BOBJ1	26	62.0367	Before	Interior Girder 1	5.6167	0.95	1	1	9.723427
HS15_serv_opr	BOBJ1	26	62.0367	Before	Interior Girder 2	5.6167	0.95	1	1	8.956036
HS15_serv_opr	BOBJ1	26	62.0367	Before	Interior Girder 3	5.6167	0.95	1	1	8.422069
HS15_serv_opr	BOBJ1	26	62.0367	Before	Interior Girder 4	5.6167	0.95	1	1	8.422069
HS15_serv_opr	BOBJ1	26	62.0367	Before	Interior Girder 5	5.6167	0.95	1	1	8.956036
HS15_serv_opr	BOBJ1	26	62.0367	Before	Interior Girder 6	5.6167	0.95	1	1	9.723427
HS15_serv_opr	BOBJ1	26	62.0367	Before	Right Exterior Girder	5.6167	0.95	1	1	14.013186
HS15_serv_opr	BOBJ1	27	62.0367	After	Left Exterior Girder	5.6167	0.95	1	1	13.880949
HS15_serv_opr	BOBJ1	27	62.0367	After	Interior Girder 1	5.6167	0.95	1	1	9.878904
HS15_serv_opr	BOBJ1	27	62.0367	After	Interior Girder 2	5.6167	0.95	1	1	9.111379
HS15_serv_opr	BOBJ1	27	62.0367	After	Interior Girder 3	5.6167	0.95	1	1	8.581589
HS15_serv_opr	BOBJ1	27	62.0367	After	Interior Girder 4	5.6167	0.95	1	1	8.581589
HS15_serv_opr	BOBJ1	27	62.0367	After	Interior Girder 5	5.6167	0.95	1	1	9.111379
HS15_serv_opr	BOBJ1	27	62.0367	After	Interior Girder 6	5.6167	0.95	1	1	9.878904
HS15_serv_opr	BOBJ1	27	62.0367	After	Right Exterior Girder	5.6167	0.95	1	1	13.880949
HS15_serv_opr	BOBJ1	28	62.4203	Before	Interior Girder 1	6.0003	0.95	1	1	10.058083
HS15_serv_opr	BOBJ1	28	62.4203	Before	Interior Girder 2	6.0003	0.95	1	1	9.266559
HS15_serv_opr	BOBJ1	28	62.4203	Before	Interior Girder 3	6.0003	0.95	1	1	8.772141
HS15_serv_opr	BOBJ1	28	62.4203	Before	Interior Girder 4	6.0003	0.95	1	1	8.772141
HS15_serv_opr	BOBJ1	28	62.4203	Before	Interior Girder 5	6.0003	0.95	1	1	9.266559
HS15_serv_opr	BOBJ1	28	62.4203	Before	Interior Girder 6	6.0003	0.95	1	1	10.058083
HS15_serv_opr	BOBJ1	29	62.4203	After	Interior Girder 1	6.0003	0.95	1	1	6.803196
HS15_serv_opr	BOBJ1	29	62.4203	After	Interior Girder 2	6.0003	0.95	1	1	6.340498
HS15_serv_opr	BOBJ1	29	62.4203	After	Interior Girder 3	6.0003	0.95	1	1	5.939489
HS15_serv_opr	BOBJ1	29	62.4203	After	Interior Girder 4	6.0003	0.95	1	1	5.939489
HS15_serv_opr	BOBJ1	29	62.4203	After	Interior Girder 5	6.0003	0.95	1	1	6.340498
HS15_serv_opr	BOBJ1	29	62.4203	After	Interior Girder 6	6.0003	0.95	1	1	6.803196
HS15_serv_opr	BOBJ1	30	64.9204	Before	Left Exterior Girder	8.5004	0.95	1	1	15.681926
HS15_serv_opr	BOBJ1	30	64.9204	Before	Right Exterior Girder	8.5004	0.95	1	1	15.681926
HS15_serv_opr	BOBJ1	31	64.9204	After	Left Exterior Girder	8.5004	0.95	1	1	7.45372
HS15_serv_opr	BOBJ1	31	64.9204	After	Right Exterior Girder	8.5004	0.95	1	1	7.45372
HS15_serv_opr	BOBJ1	32	67.6533	Before	Left Exterior Girder	11.2333	0.95	1	1	8.835943
HS15_serv_opr	BOBJ1	32	67.6533	Before	Interior Girder 1	11.2333	0.95	1	1	8.850915
HS15_serv_opr	BOBJ1	32	67.6533	Before	Interior Girder 2	11.2333	0.95	1	1	8.287947
HS15_serv_opr	BOBJ1	32	67.6533	Before	Interior Girder 3	11.2333	0.95	1	1	8.275617
HS15_serv_opr	BOBJ1	32	67.6533	Before	Interior Girder 4	11.2333	0.95	1	1	8.275617
HS15_serv_opr	BOBJ1	32	67.6533	Before	Interior Girder 5	11.2333	0.95	1	1	8.287947
HS15_serv_opr	BOBJ1	32	67.6533	Before	Interior Girder 6	11.2333	0.95	1	1	8.850915
HS15_serv_opr	BOBJ1	32	67.6533	Before	Right Exterior Girder	11.2333	0.95	1	1	8.835943
HS15_serv_opr	BOBJ1	33	67.6533	After	Left Exterior Girder	11.2333	0.95	1	1	8.771696
HS15_serv_opr	BOBJ1	33	67.6533	After	Interior Girder 1	11.2333	0.95	1	1	8.91495
HS15_serv_opr	BOBJ1	33	67.6533	After	Interior Girder 2	11.2333	0.95	1	1	8.401241
HS15_serv_opr	BOBJ1	33	67.6533	After	Interior Girder 3	11.2333	0.95	1	1	8.362001
HS15_serv_opr	BOBJ1	33	67.6533	After	Interior Girder 4	11.2333	0.95	1	1	8.362001
HS15_serv_opr	BOBJ1	33	67.6533	After	Interior Girder 5	11.2333	0.95	1	1	8.401241
HS15_serv_opr	BOBJ1	33	67.6533	After	Interior Girder 6	11.2333	0.95	1	1	8.91495
HS15_serv_opr	BOBJ1	33	67.6533	After	Right Exterior Girder	11.2333	0.95	1	1	8.771696
HS15_serv_opr	BOBJ1	34	73.27	Before	Left Exterior Girder	16.85	0.95	1	1	10.732133
HS15_serv_opr	BOBJ1	34	73.27	Before	Interior Girder 1	16.85	0.95	1	1	8.582478
HS15_serv_opr	BOBJ1	34	73.27	Before	Interior Girder 2	16.85	0.95	1	1	7.803539
HS15_serv_opr	BOBJ1	34	73.27	Before	Interior Girder 3	16.85	0.95	1	1	7.528759
HS15_serv_opr	BOBJ1	34	73.27	Before	Interior Girder 4	16.85	0.95	1	1	7.528759
HS15_serv_opr	BOBJ1	34	73.27	Before	Interior Girder 5	16.85	0.95	1	1	7.803539
HS15_serv_opr	BOBJ1	34	73.27	Before	Interior Girder 6	16.85	0.95	1	1	8.582478
HS15_serv_opr	BOBJ1	34	73.27	Before	Right Exterior Girder	16.85	0.95	1	1	10.732133
HS15_serv_opr	BOBJ1	35	73.27	After	Left Exterior Girder	16.85	0.95	1	1	10.898417
HS15_serv_opr	BOBJ1	35	73.27	After	Interior Girder 1	16.85	0.95	1	1	8.512071
HS15_serv_opr	BOBJ1	35	73.27	After	Interior Girder 2	16.85	0.95	1	1	7.815843
HS15_serv_opr	BOBJ1	35	73.27	After	Interior Girder 3	16.85	0.95	1	1	7.623499
HS15_serv_opr	BOBJ1	35	73.27	After	Interior Girder 4	16.85	0.95	1	1	7.623499

TABLE: Bridge Super Rating AASHTORATE18 31 - SteelICompServ-Flx - Approach, Span 12-15										
Request	BridgeObj	BridgeCut	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	Unitless	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
HS15_serv_opr	BOBJ1	35	73.27	After	Interior Girder 5	16.85	0.95	1	1	7.815843
HS15_serv_opr	BOBJ1	35	73.27	After	Interior Girder 6	16.85	0.95	1	1	8.512071
HS15_serv_opr	BOBJ1	35	73.27	After	Right Exterior Girder	16.85	0.95	1	1	10.898417
HS15_serv_opr	BOBJ1	36	78.8867	Before	Left Exterior Girder	22.4667	0.95	1	1	7.426911
HS15_serv_opr	BOBJ1	36	78.8867	Before	Interior Girder 1	22.4667	0.95	1	1	5.861789
HS15_serv_opr	BOBJ1	36	78.8867	Before	Interior Girder 2	22.4667	0.95	1	1	5.521256
HS15_serv_opr	BOBJ1	36	78.8867	Before	Interior Girder 3	22.4667	0.95	1	1	5.328195
HS15_serv_opr	BOBJ1	36	78.8867	Before	Interior Girder 4	22.4667	0.95	1	1	5.328195
HS15_serv_opr	BOBJ1	36	78.8867	Before	Interior Girder 5	22.4667	0.95	1	1	5.521256
HS15_serv_opr	BOBJ1	36	78.8867	Before	Interior Girder 6	22.4667	0.95	1	1	5.861789
HS15_serv_opr	BOBJ1	36	78.8867	Before	Right Exterior Girder	22.4667	0.95	1	1	7.426911
HS15_serv_opr	BOBJ1	37	78.8867	After	Left Exterior Girder	22.4667	0.95	1	1	7.545261
HS15_serv_opr	BOBJ1	37	78.8867	After	Interior Girder 1	22.4667	0.95	1	1	5.815376
HS15_serv_opr	BOBJ1	37	78.8867	After	Interior Girder 2	22.4667	0.95	1	1	5.51583
HS15_serv_opr	BOBJ1	37	78.8867	After	Interior Girder 3	22.4667	0.95	1	1	5.381031
HS15_serv_opr	BOBJ1	37	78.8867	After	Interior Girder 4	22.4667	0.95	1	1	5.381031
HS15_serv_opr	BOBJ1	37	78.8867	After	Interior Girder 5	22.4667	0.95	1	1	5.51583
HS15_serv_opr	BOBJ1	37	78.8867	After	Interior Girder 6	22.4667	0.95	1	1	5.815376
HS15_serv_opr	BOBJ1	37	78.8867	After	Right Exterior Girder	22.4667	0.95	1	1	7.545261
HS15_serv_opr	BOBJ1	38	84.5033	Before	Left Exterior Girder	28.0833	0.95	1	1	5.970035
HS15_serv_opr	BOBJ1	38	84.5033	Before	Interior Girder 1	28.0833	0.95	1	1	4.942248
HS15_serv_opr	BOBJ1	38	84.5033	Before	Interior Girder 2	28.0833	0.95	1	1	4.707708
HS15_serv_opr	BOBJ1	38	84.5033	Before	Interior Girder 3	28.0833	0.95	1	1	4.588307
HS15_serv_opr	BOBJ1	38	84.5033	Before	Interior Girder 4	28.0833	0.95	1	1	4.588307
HS15_serv_opr	BOBJ1	38	84.5033	Before	Interior Girder 5	28.0833	0.95	1	1	4.707708
HS15_serv_opr	BOBJ1	38	84.5033	Before	Interior Girder 6	28.0833	0.95	1	1	4.942248
HS15_serv_opr	BOBJ1	38	84.5033	Before	Right Exterior Girder	28.0833	0.95	1	1	5.970035
HS15_serv_opr	BOBJ1	39	84.5033	After	Left Exterior Girder	28.0833	0.95	1	1	5.964891
HS15_serv_opr	BOBJ1	39	84.5033	After	Interior Girder 1	28.0833	0.95	1	1	4.963866
HS15_serv_opr	BOBJ1	39	84.5033	After	Interior Girder 2	28.0833	0.95	1	1	4.739957
HS15_serv_opr	BOBJ1	39	84.5033	After	Interior Girder 3	28.0833	0.95	1	1	4.642498
HS15_serv_opr	BOBJ1	39	84.5033	After	Interior Girder 4	28.0833	0.95	1	1	4.642498
HS15_serv_opr	BOBJ1	39	84.5033	After	Interior Girder 5	28.0833	0.95	1	1	4.739957
HS15_serv_opr	BOBJ1	39	84.5033	After	Interior Girder 6	28.0833	0.95	1	1	4.963866
HS15_serv_opr	BOBJ1	39	84.5033	After	Right Exterior Girder	28.0833	0.95	1	1	5.964891
HS15_serv_opr	BOBJ1	40	90.12	Before	Left Exterior Girder	33.7	0.95	1	1	5.388544
HS15_serv_opr	BOBJ1	40	90.12	Before	Interior Girder 1	33.7	0.95	1	1	4.925947
HS15_serv_opr	BOBJ1	40	90.12	Before	Interior Girder 2	33.7	0.95	1	1	4.693039
HS15_serv_opr	BOBJ1	40	90.12	Before	Interior Girder 3	33.7	0.95	1	1	4.600992
HS15_serv_opr	BOBJ1	40	90.12	Before	Interior Girder 4	33.7	0.95	1	1	4.600992
HS15_serv_opr	BOBJ1	40	90.12	Before	Interior Girder 5	33.7	0.95	1	1	4.693039
HS15_serv_opr	BOBJ1	40	90.12	Before	Interior Girder 6	33.7	0.95	1	1	4.925947
HS15_serv_opr	BOBJ1	40	90.12	Before	Right Exterior Girder	33.7	0.95	1	1	5.388544
HS15_serv_opr	BOBJ1	41	90.12	After	Left Exterior Girder	33.7	0.95	1	1	5.401995
HS15_serv_opr	BOBJ1	41	90.12	After	Interior Girder 1	33.7	0.95	1	1	4.913932
HS15_serv_opr	BOBJ1	41	90.12	After	Interior Girder 2	33.7	0.95	1	1	4.686792
HS15_serv_opr	BOBJ1	41	90.12	After	Interior Girder 3	33.7	0.95	1	1	4.594401
HS15_serv_opr	BOBJ1	41	90.12	After	Interior Girder 4	33.7	0.95	1	1	4.594401
HS15_serv_opr	BOBJ1	41	90.12	After	Interior Girder 5	33.7	0.95	1	1	4.686792
HS15_serv_opr	BOBJ1	41	90.12	After	Interior Girder 6	33.7	0.95	1	1	4.913932
HS15_serv_opr	BOBJ1	41	90.12	After	Right Exterior Girder	33.7	0.95	1	1	5.401995
HS15_serv_opr	BOBJ1	42	95.7367	Before	Left Exterior Girder	39.3167	0.95	1	1	5.915444
HS15_serv_opr	BOBJ1	42	95.7367	Before	Interior Girder 1	39.3167	0.95	1	1	4.931529
HS15_serv_opr	BOBJ1	42	95.7367	Before	Interior Girder 2	39.3167	0.95	1	1	4.710599
HS15_serv_opr	BOBJ1	42	95.7367	Before	Interior Girder 3	39.3167	0.95	1	1	4.616298
HS15_serv_opr	BOBJ1	42	95.7367	Before	Interior Girder 4	39.3167	0.95	1	1	4.616298
HS15_serv_opr	BOBJ1	42	95.7367	Before	Interior Girder 5	39.3167	0.95	1	1	4.710599
HS15_serv_opr	BOBJ1	42	95.7367	Before	Interior Girder 6	39.3167	0.95	1	1	4.931529
HS15_serv_opr	BOBJ1	42	95.7367	Before	Right Exterior Girder	39.3167	0.95	1	1	5.915444
HS15_serv_opr	BOBJ1	43	95.7367	After	Left Exterior Girder	39.3167	0.95	1	1	5.922348
HS15_serv_opr	BOBJ1	43	95.7367	After	Interior Girder 1	39.3167	0.95	1	1	4.908109
HS15_serv_opr	BOBJ1	43	95.7367	After	Interior Girder 2	39.3167	0.95	1	1	4.678827
HS15_serv_opr	BOBJ1	43	95.7367	After	Interior Girder 3	39.3167	0.95	1	1	4.564128
HS15_serv_opr	BOBJ1	43	95.7367	After	Interior Girder 4	39.3167	0.95	1	1	4.564128
HS15_serv_opr	BOBJ1	43	95.7367	After	Interior Girder 5	39.3167	0.95	1	1	4.678827
HS15_serv_opr	BOBJ1	43	95.7367	After	Interior Girder 6	39.3167	0.95	1	1	4.908109
HS15_serv_opr	BOBJ1	43	95.7367	After	Right Exterior Girder	39.3167	0.95	1	1	5.922348
HS15_serv_opr	BOBJ1	44	101.3533	Before	Left Exterior Girder	44.9333	0.95	1	1	7.368902
HS15_serv_opr	BOBJ1	44	101.3533	Before	Interior Girder 1	44.9333	0.95	1	1	5.74219
HS15_serv_opr	BOBJ1	44	101.3533	Before	Interior Girder 2	44.9333	0.95	1	1	5.447624
HS15_serv_opr	BOBJ1	44	101.3533	Before	Interior Girder 3	44.9333	0.95	1	1	5.327681
HS15_serv_opr	BOBJ1	44	101.3533	Before	Interior Girder 4	44.9333	0.95	1	1	5.327681
HS15_serv_opr	BOBJ1	44	101.3533	Before	Interior Girder 5	44.9333	0.95	1	1	5.447624

TABLE: Bridge Super Rating AASHTORATE18 31 - SteelCompServ-Flx - Approach, Span 12-15										
Request	BridgeObj	BridgeCut	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	Unitless	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
HS15_serv_opr	BOBJ1	44	101.3533	Before	Interior Girder 6	44.9333	0.95	1	1	5.74219
HS15_serv_opr	BOBJ1	44	101.3533	Before	Right Exterior Girder	44.9333	0.95	1	1	7.368902
HS15_serv_opr	BOBJ1	45	101.3533	After	Left Exterior Girder	44.9333	0.95	1	1	7.257566
HS15_serv_opr	BOBJ1	45	101.3533	After	Interior Girder 1	44.9333	0.95	1	1	5.785866
HS15_serv_opr	BOBJ1	45	101.3533	After	Interior Girder 2	44.9333	0.95	1	1	5.455281
HS15_serv_opr	BOBJ1	45	101.3533	After	Interior Girder 3	44.9333	0.95	1	1	5.278636
HS15_serv_opr	BOBJ1	45	101.3533	After	Interior Girder 4	44.9333	0.95	1	1	5.278636
HS15_serv_opr	BOBJ1	45	101.3533	After	Interior Girder 5	44.9333	0.95	1	1	5.455281
HS15_serv_opr	BOBJ1	45	101.3533	After	Interior Girder 6	44.9333	0.95	1	1	5.785866
HS15_serv_opr	BOBJ1	45	101.3533	After	Right Exterior Girder	44.9333	0.95	1	1	7.257566
HS15_serv_opr	BOBJ1	46	106.97	Before	Left Exterior Girder	50.55	0.95	1	1	9.723942
HS15_serv_opr	BOBJ1	46	106.97	Before	Interior Girder 1	50.55	0.95	1	1	8.327378
HS15_serv_opr	BOBJ1	46	106.97	Before	Interior Girder 2	50.55	0.95	1	1	7.642042
HS15_serv_opr	BOBJ1	46	106.97	Before	Interior Girder 3	50.55	0.95	1	1	7.48625
HS15_serv_opr	BOBJ1	46	106.97	Before	Interior Girder 4	50.55	0.95	1	1	7.48625
HS15_serv_opr	BOBJ1	46	106.97	Before	Interior Girder 5	50.55	0.95	1	1	7.642042
HS15_serv_opr	BOBJ1	46	106.97	Before	Interior Girder 6	50.55	0.95	1	1	8.327378
HS15_serv_opr	BOBJ1	46	106.97	Before	Right Exterior Girder	50.55	0.95	1	1	9.723942
HS15_serv_opr	BOBJ1	47	106.97	After	Left Exterior Girder	50.55	0.95	1	1	9.794318
HS15_serv_opr	BOBJ1	47	106.97	After	Interior Girder 1	50.55	0.95	1	1	8.335578
HS15_serv_opr	BOBJ1	47	106.97	After	Interior Girder 2	50.55	0.95	1	1	7.604211
HS15_serv_opr	BOBJ1	47	106.97	After	Interior Girder 3	50.55	0.95	1	1	7.371994
HS15_serv_opr	BOBJ1	47	106.97	After	Interior Girder 4	50.55	0.95	1	1	7.371994
HS15_serv_opr	BOBJ1	47	106.97	After	Interior Girder 5	50.55	0.95	1	1	7.604211
HS15_serv_opr	BOBJ1	47	106.97	After	Interior Girder 6	50.55	0.95	1	1	8.335578
HS15_serv_opr	BOBJ1	47	106.97	After	Right Exterior Girder	50.55	0.95	1	1	9.794318
HS15_serv_opr	BOBJ1	48	112.5933	Before	Left Exterior Girder	56.1733	0.95	1	1	7.267457
HS15_serv_opr	BOBJ1	48	112.5933	Before	Interior Girder 1	56.1733	0.95	1	1	7.542746
HS15_serv_opr	BOBJ1	48	112.5933	Before	Interior Girder 2	56.1733	0.95	1	1	7.185618
HS15_serv_opr	BOBJ1	48	112.5933	Before	Interior Girder 3	56.1733	0.95	1	1	7.255244
HS15_serv_opr	BOBJ1	48	112.5933	Before	Interior Girder 4	56.1733	0.95	1	1	7.255244
HS15_serv_opr	BOBJ1	48	112.5933	Before	Interior Girder 5	56.1733	0.95	1	1	7.185618
HS15_serv_opr	BOBJ1	48	112.5933	Before	Interior Girder 6	56.1733	0.95	1	1	7.542746
HS15_serv_opr	BOBJ1	48	112.5933	Before	Right Exterior Girder	56.1733	0.95	1	1	7.267457
HS15_serv_opr	BOBJ1	49	112.5933	After	Left Exterior Girder	56.1733	0.95	1	1	7.316064
HS15_serv_opr	BOBJ1	49	112.5933	After	Interior Girder 1	56.1733	0.95	1	1	7.503307
HS15_serv_opr	BOBJ1	49	112.5933	After	Interior Girder 2	56.1733	0.95	1	1	7.113734
HS15_serv_opr	BOBJ1	49	112.5933	After	Interior Girder 3	56.1733	0.95	1	1	7.198566
HS15_serv_opr	BOBJ1	49	112.5933	After	Interior Girder 4	56.1733	0.95	1	1	7.198566
HS15_serv_opr	BOBJ1	49	112.5933	After	Interior Girder 5	56.1733	0.95	1	1	7.113734
HS15_serv_opr	BOBJ1	49	112.5933	After	Interior Girder 6	56.1733	0.95	1	1	7.503307
HS15_serv_opr	BOBJ1	49	112.5933	After	Right Exterior Girder	56.1733	0.95	1	1	7.316064
HS15_serv_opr	BOBJ1	50	115.3396	Before	Left Exterior Girder	58.9196	0.95	1	1	6.144458
HS15_serv_opr	BOBJ1	50	115.3396	Before	Right Exterior Girder	58.9196	0.95	1	1	6.144458
HS15_serv_opr	BOBJ1	51	115.3396	After	Left Exterior Girder	58.9196	0.95	1	1	12.997887
HS15_serv_opr	BOBJ1	51	115.3396	After	Right Exterior Girder	58.9196	0.95	1	1	12.997887
HS15_serv_opr	BOBJ1	52	118.2167	Before	Left Exterior Girder	61.7967	0.95	1	1	11.515963
HS15_serv_opr	BOBJ1	52	118.2167	Before	Interior Girder 1	61.9198	0.95	1	1	5.600233
HS15_serv_opr	BOBJ1	52	118.2167	Before	Interior Girder 2	61.9198	0.95	1	1	5.316444
HS15_serv_opr	BOBJ1	52	118.2167	Before	Interior Girder 3	61.9198	0.95	1	1	5.050203
HS15_serv_opr	BOBJ1	52	118.2167	Before	Interior Girder 4	61.9198	0.95	1	1	5.050203
HS15_serv_opr	BOBJ1	52	118.2167	Before	Interior Girder 5	61.9198	0.95	1	1	5.316444
HS15_serv_opr	BOBJ1	52	118.2167	Before	Interior Girder 6	61.9198	0.95	1	1	5.600233
HS15_serv_opr	BOBJ1	52	118.2167	Before	Right Exterior Girder	61.7967	0.95	1	1	11.515963
HS15_serv_opr	BOBJ1	53	118.2167	After	Left Exterior Girder	61.7967	0.95	1	1	11.514042
HS15_serv_opr	BOBJ1	53	118.2167	After	Interior Girder 1	61.9198	0.95	1	1	8.337812
HS15_serv_opr	BOBJ1	53	118.2167	After	Interior Girder 2	61.9198	0.95	1	1	7.741358
HS15_serv_opr	BOBJ1	53	118.2167	After	Interior Girder 3	61.9198	0.95	1	1	7.425325
HS15_serv_opr	BOBJ1	53	118.2167	After	Interior Girder 4	61.9198	0.95	1	1	7.425325
HS15_serv_opr	BOBJ1	53	118.2167	After	Interior Girder 5	61.9198	0.95	1	1	7.741358
HS15_serv_opr	BOBJ1	53	118.2167	After	Interior Girder 6	61.9198	0.95	1	1	8.337812
HS15_serv_opr	BOBJ1	53	118.2167	After	Right Exterior Girder	61.7967	0.95	1	1	11.514042
HS15_serv_opr	BOBJ1	54	123.84	Before	Left Exterior Girder	67.42	0.95	1	1	8.582191
HS15_serv_opr	BOBJ1	54	123.84	Before	Interior Girder 1	67.42	0.95	1	1	5.608798
HS15_serv_opr	BOBJ1	54	123.84	Before	Interior Girder 2	67.42	0.95	1	1	5.142732
HS15_serv_opr	BOBJ1	54	123.84	Before	Interior Girder 3	67.42	0.95	1	1	4.351718
HS15_serv_opr	BOBJ1	54	123.84	Before	Interior Girder 4	67.42	0.95	1	1	4.351718
HS15_serv_opr	BOBJ1	54	123.84	Before	Interior Girder 5	67.42	0.95	1	1	5.142732
HS15_serv_opr	BOBJ1	54	123.84	Before	Interior Girder 6	67.42	0.95	1	1	5.608798
HS15_serv_opr	BOBJ1	54	123.84	Before	Right Exterior Girder	67.42	0.95	1	1	8.582191
HS15_serv_opr	BOBJ1	55	123.84	After	Left Exterior Girder	0	0.95	1	1	8.504324
HS15_serv_opr	BOBJ1	55	123.84	After	Interior Girder 1	0	0.95	1	1	5.616807
HS15_serv_opr	BOBJ1	55	123.84	After	Interior Girder 2	0	0.95	1	1	5.195341

TABLE: Bridge Super Rating AASHTORATE18 31 - SteelCompServ-Flx - Approach, Span 12-15										
Request	BridgeObj	BridgeCut	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	Unitless	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
HS15_serv_opr	BOBJ1	55	123.84	After	Interior Girder 3	0	0.95	1	1	4.391675
HS15_serv_opr	BOBJ1	55	123.84	After	Interior Girder 4	0	0.95	1	1	4.391675
HS15_serv_opr	BOBJ1	55	123.84	After	Interior Girder 5	0	0.95	1	1	5.195341
HS15_serv_opr	BOBJ1	55	123.84	After	Interior Girder 6	0	0.95	1	1	5.616807
HS15_serv_opr	BOBJ1	55	123.84	After	Right Exterior Girder	0	0.95	1	1	8.504324
HS15_serv_opr	BOBJ1	56	129.34	Before	Interior Girder 1	5.5	0.95	1	1	8.396872
HS15_serv_opr	BOBJ1	56	129.34	Before	Interior Girder 2	5.5	0.95	1	1	7.847312
HS15_serv_opr	BOBJ1	56	129.34	Before	Interior Girder 3	5.5	0.95	1	1	7.535256
HS15_serv_opr	BOBJ1	56	129.34	Before	Interior Girder 4	5.5	0.95	1	1	7.535256
HS15_serv_opr	BOBJ1	56	129.34	Before	Interior Girder 5	5.5	0.95	1	1	7.847312
HS15_serv_opr	BOBJ1	56	129.34	Before	Interior Girder 6	5.5	0.95	1	1	8.396872
HS15_serv_opr	BOBJ1	57	129.34	After	Interior Girder 1	5.5	0.95	1	1	5.710844
HS15_serv_opr	BOBJ1	57	129.34	After	Interior Girder 2	5.5	0.95	1	1	5.368856
HS15_serv_opr	BOBJ1	57	129.34	After	Interior Girder 3	5.5	0.95	1	1	5.11847
HS15_serv_opr	BOBJ1	57	129.34	After	Interior Girder 4	5.5	0.95	1	1	5.11847
HS15_serv_opr	BOBJ1	57	129.34	After	Interior Girder 5	5.5	0.95	1	1	5.368856
HS15_serv_opr	BOBJ1	57	129.34	After	Interior Girder 6	5.5	0.95	1	1	5.710844
HS15_serv_opr	BOBJ1	58	130.79	Before	Left Exterior Girder	6.95	0.95	1	1	12.238714
HS15_serv_opr	BOBJ1	58	130.79	Before	Interior Girder 1	6.95	0.95	1	1	6.216881
HS15_serv_opr	BOBJ1	58	130.79	Before	Interior Girder 2	6.95	0.95	1	1	5.801752
HS15_serv_opr	BOBJ1	58	130.79	Before	Interior Girder 3	6.95	0.95	1	1	5.652802
HS15_serv_opr	BOBJ1	58	130.79	Before	Interior Girder 4	6.95	0.95	1	1	5.652802
HS15_serv_opr	BOBJ1	58	130.79	Before	Interior Girder 5	6.95	0.95	1	1	5.801752
HS15_serv_opr	BOBJ1	58	130.79	Before	Interior Girder 6	6.95	0.95	1	1	6.216881
HS15_serv_opr	BOBJ1	58	130.79	Before	Right Exterior Girder	6.95	0.95	1	1	12.238714
HS15_serv_opr	BOBJ1	59	130.79	After	Left Exterior Girder	6.95	0.95	1	1	12.341281
HS15_serv_opr	BOBJ1	59	130.79	After	Interior Girder 1	6.95	0.95	1	1	6.186982
HS15_serv_opr	BOBJ1	59	130.79	After	Interior Girder 2	6.95	0.95	1	1	5.851292
HS15_serv_opr	BOBJ1	59	130.79	After	Interior Girder 3	6.95	0.95	1	1	5.688493
HS15_serv_opr	BOBJ1	59	130.79	After	Interior Girder 4	6.95	0.95	1	1	5.688493
HS15_serv_opr	BOBJ1	59	130.79	After	Interior Girder 5	6.95	0.95	1	1	5.851292
HS15_serv_opr	BOBJ1	59	130.79	After	Interior Girder 6	6.95	0.95	1	1	6.186982
HS15_serv_opr	BOBJ1	59	130.79	After	Right Exterior Girder	6.95	0.95	1	1	12.341281
HS15_serv_opr	BOBJ1	60	132.34	Before	Left Exterior Girder	8.5	0.95	1	1	13.229584
HS15_serv_opr	BOBJ1	60	132.34	Before	Right Exterior Girder	8.5	0.95	1	1	13.229584
HS15_serv_opr	BOBJ1	61	132.34	After	Left Exterior Girder	8.5	0.95	1	1	6.184749
HS15_serv_opr	BOBJ1	61	132.34	After	Right Exterior Girder	8.5	0.95	1	1	6.184749
HS15_serv_opr	BOBJ1	62	137.74	Before	Left Exterior Girder	13.9	0.95	1	1	8.514828
HS15_serv_opr	BOBJ1	62	137.74	Before	Interior Girder 1	13.9	0.95	1	1	8.615452
HS15_serv_opr	BOBJ1	62	137.74	Before	Interior Girder 2	13.9	0.95	1	1	8.303423
HS15_serv_opr	BOBJ1	62	137.74	Before	Interior Girder 3	13.9	0.95	1	1	8.669968
HS15_serv_opr	BOBJ1	62	137.74	Before	Interior Girder 4	13.9	0.95	1	1	8.669968
HS15_serv_opr	BOBJ1	62	137.74	Before	Interior Girder 5	13.9	0.95	1	1	8.303423
HS15_serv_opr	BOBJ1	62	137.74	Before	Interior Girder 6	13.9	0.95	1	1	8.615452
HS15_serv_opr	BOBJ1	62	137.74	Before	Right Exterior Girder	13.9	0.95	1	1	8.514828
HS15_serv_opr	BOBJ1	63	137.74	After	Left Exterior Girder	13.9	0.95	1	1	8.450066
HS15_serv_opr	BOBJ1	63	137.74	After	Interior Girder 1	13.9	0.95	1	1	8.663257
HS15_serv_opr	BOBJ1	63	137.74	After	Interior Girder 2	13.9	0.95	1	1	8.366582
HS15_serv_opr	BOBJ1	63	137.74	After	Interior Girder 3	13.9	0.95	1	1	8.682832
HS15_serv_opr	BOBJ1	63	137.74	After	Interior Girder 4	13.9	0.95	1	1	8.682832
HS15_serv_opr	BOBJ1	63	137.74	After	Interior Girder 5	13.9	0.95	1	1	8.366582
HS15_serv_opr	BOBJ1	63	137.74	After	Interior Girder 6	13.9	0.95	1	1	8.663257
HS15_serv_opr	BOBJ1	63	137.74	After	Right Exterior Girder	13.9	0.95	1	1	8.450066
HS15_serv_opr	BOBJ1	64	143.7733	Before	Left Exterior Girder	19.9333	0.95	1	1	8.610863
HS15_serv_opr	BOBJ1	64	143.7733	Before	Interior Girder 1	19.9333	0.95	1	1	6.451851
HS15_serv_opr	BOBJ1	64	143.7733	Before	Interior Girder 2	19.9333	0.95	1	1	6.0531
HS15_serv_opr	BOBJ1	64	143.7733	Before	Interior Girder 3	19.9333	0.95	1	1	5.845635
HS15_serv_opr	BOBJ1	64	143.7733	Before	Interior Girder 4	19.9333	0.95	1	1	5.845635
HS15_serv_opr	BOBJ1	64	143.7733	Before	Interior Girder 5	19.9333	0.95	1	1	6.0531
HS15_serv_opr	BOBJ1	64	143.7733	Before	Interior Girder 6	19.9333	0.95	1	1	6.451851
HS15_serv_opr	BOBJ1	64	143.7733	Before	Right Exterior Girder	19.9333	0.95	1	1	8.610863
HS15_serv_opr	BOBJ1	65	143.7733	After	Left Exterior Girder	19.9333	0.95	1	1	8.753085
HS15_serv_opr	BOBJ1	65	143.7733	After	Interior Girder 1	19.9333	0.95	1	1	6.391105
HS15_serv_opr	BOBJ1	65	143.7733	After	Interior Girder 2	19.9333	0.95	1	1	6.062001
HS15_serv_opr	BOBJ1	65	143.7733	After	Interior Girder 3	19.9333	0.95	1	1	5.936325
HS15_serv_opr	BOBJ1	65	143.7733	After	Interior Girder 4	19.9333	0.95	1	1	5.936325
HS15_serv_opr	BOBJ1	65	143.7733	After	Interior Girder 5	19.9333	0.95	1	1	6.062001
HS15_serv_opr	BOBJ1	65	143.7733	After	Interior Girder 6	19.9333	0.95	1	1	6.391105
HS15_serv_opr	BOBJ1	65	143.7733	After	Right Exterior Girder	19.9333	0.95	1	1	8.753085
HS15_serv_opr	BOBJ1	66	149.8067	Before	Left Exterior Girder	25.9667	0.95	1	1	6.28607
HS15_serv_opr	BOBJ1	66	149.8067	Before	Interior Girder 1	25.9667	0.95	1	1	5.079216
HS15_serv_opr	BOBJ1	66	149.8067	Before	Interior Girder 2	25.9667	0.95	1	1	4.823222
HS15_serv_opr	BOBJ1	66	149.8067	Before	Interior Girder 3	25.9667	0.95	1	1	4.705032

TABLE: Bridge Super Rating AASHTORATE18 31 - SteelICompServ-Flx - Approach, Span 12-15										
Request	BridgeObj	BridgeCut	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	Unitless	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
HS15_serv_opr	BOBJ1	66	149.8067	Before	Interior Girder 4	25.9667	0.95	1	1	4.705032
HS15_serv_opr	BOBJ1	66	149.8067	Before	Interior Girder 5	25.9667	0.95	1	1	4.823222
HS15_serv_opr	BOBJ1	66	149.8067	Before	Interior Girder 6	25.9667	0.95	1	1	5.079216
HS15_serv_opr	BOBJ1	66	149.8067	Before	Right Exterior Girder	25.9667	0.95	1	1	6.28607
HS15_serv_opr	BOBJ1	67	149.8067	After	Left Exterior Girder	25.9667	0.95	1	1	6.281772
HS15_serv_opr	BOBJ1	67	149.8067	After	Interior Girder 1	25.9667	0.95	1	1	5.096024
HS15_serv_opr	BOBJ1	67	149.8067	After	Interior Girder 2	25.9667	0.95	1	1	4.863244
HS15_serv_opr	BOBJ1	67	149.8067	After	Interior Girder 3	25.9667	0.95	1	1	4.780357
HS15_serv_opr	BOBJ1	67	149.8067	After	Interior Girder 4	25.9667	0.95	1	1	4.780357
HS15_serv_opr	BOBJ1	67	149.8067	After	Interior Girder 5	25.9667	0.95	1	1	4.863244
HS15_serv_opr	BOBJ1	67	149.8067	After	Interior Girder 6	25.9667	0.95	1	1	5.096024
HS15_serv_opr	BOBJ1	67	149.8067	After	Right Exterior Girder	25.9667	0.95	1	1	6.281772
HS15_serv_opr	BOBJ1	68	155.84	Before	Left Exterior Girder	32	0.95	1	1	5.329261
HS15_serv_opr	BOBJ1	68	155.84	Before	Interior Girder 1	32	0.95	1	1	4.87169
HS15_serv_opr	BOBJ1	68	155.84	Before	Interior Girder 2	32	0.95	1	1	4.637827
HS15_serv_opr	BOBJ1	68	155.84	Before	Interior Girder 3	32	0.95	1	1	4.555166
HS15_serv_opr	BOBJ1	68	155.84	Before	Interior Girder 4	32	0.95	1	1	4.555166
HS15_serv_opr	BOBJ1	68	155.84	Before	Interior Girder 5	32	0.95	1	1	4.637827
HS15_serv_opr	BOBJ1	68	155.84	Before	Interior Girder 6	32	0.95	1	1	4.87169
HS15_serv_opr	BOBJ1	68	155.84	Before	Right Exterior Girder	32	0.95	1	1	5.329261
HS15_serv_opr	BOBJ1	69	155.84	After	Left Exterior Girder	32	0.95	1	1	5.347547
HS15_serv_opr	BOBJ1	69	155.84	After	Interior Girder 1	32	0.95	1	1	4.863169
HS15_serv_opr	BOBJ1	69	155.84	After	Interior Girder 2	32	0.95	1	1	4.633423
HS15_serv_opr	BOBJ1	69	155.84	After	Interior Girder 3	32	0.95	1	1	4.566738
HS15_serv_opr	BOBJ1	69	155.84	After	Interior Girder 4	32	0.95	1	1	4.566738
HS15_serv_opr	BOBJ1	69	155.84	After	Interior Girder 5	32	0.95	1	1	4.633423
HS15_serv_opr	BOBJ1	69	155.84	After	Interior Girder 6	32	0.95	1	1	4.863169
HS15_serv_opr	BOBJ1	69	155.84	After	Right Exterior Girder	32	0.95	1	1	5.347547
HS15_serv_opr	BOBJ1	70	161.8733	Before	Left Exterior Girder	38.0333	0.95	1	1	5.731427
HS15_serv_opr	BOBJ1	70	161.8733	Before	Interior Girder 1	38.0333	0.95	1	1	4.766245
HS15_serv_opr	BOBJ1	70	161.8733	Before	Interior Girder 2	38.0333	0.95	1	1	4.547043
HS15_serv_opr	BOBJ1	70	161.8733	Before	Interior Girder 3	38.0333	0.95	1	1	4.456663
HS15_serv_opr	BOBJ1	70	161.8733	Before	Interior Girder 4	38.0333	0.95	1	1	4.456663
HS15_serv_opr	BOBJ1	70	161.8733	Before	Interior Girder 5	38.0333	0.95	1	1	4.547043
HS15_serv_opr	BOBJ1	70	161.8733	Before	Interior Girder 6	38.0333	0.95	1	1	4.766245
HS15_serv_opr	BOBJ1	70	161.8733	Before	Right Exterior Girder	38.0333	0.95	1	1	5.731427
HS15_serv_opr	BOBJ1	71	161.8733	After	Left Exterior Girder	38.0333	0.95	1	1	5.745757
HS15_serv_opr	BOBJ1	71	161.8733	After	Interior Girder 1	38.0333	0.95	1	1	4.736509
HS15_serv_opr	BOBJ1	71	161.8733	After	Interior Girder 2	38.0333	0.95	1	1	4.513001
HS15_serv_opr	BOBJ1	71	161.8733	After	Interior Girder 3	38.0333	0.95	1	1	4.400377
HS15_serv_opr	BOBJ1	71	161.8733	After	Interior Girder 4	38.0333	0.95	1	1	4.400377
HS15_serv_opr	BOBJ1	71	161.8733	After	Interior Girder 5	38.0333	0.95	1	1	4.513001
HS15_serv_opr	BOBJ1	71	161.8733	After	Interior Girder 6	38.0333	0.95	1	1	4.736509
HS15_serv_opr	BOBJ1	71	161.8733	After	Right Exterior Girder	38.0333	0.95	1	1	5.745757
HS15_serv_opr	BOBJ1	72	167.9067	Before	Left Exterior Girder	44.0667	0.95	1	1	7.065271
HS15_serv_opr	BOBJ1	72	167.9067	Before	Interior Girder 1	44.0667	0.95	1	1	5.475581
HS15_serv_opr	BOBJ1	72	167.9067	Before	Interior Girder 2	44.0667	0.95	1	1	5.187863
HS15_serv_opr	BOBJ1	72	167.9067	Before	Interior Girder 3	44.0667	0.95	1	1	5.074456
HS15_serv_opr	BOBJ1	72	167.9067	Before	Interior Girder 4	44.0667	0.95	1	1	5.074456
HS15_serv_opr	BOBJ1	72	167.9067	Before	Interior Girder 5	44.0667	0.95	1	1	5.187863
HS15_serv_opr	BOBJ1	72	167.9067	Before	Interior Girder 6	44.0667	0.95	1	1	5.475581
HS15_serv_opr	BOBJ1	72	167.9067	Before	Right Exterior Girder	44.0667	0.95	1	1	7.065271
HS15_serv_opr	BOBJ1	73	167.9067	After	Left Exterior Girder	44.0667	0.95	1	1	6.95426
HS15_serv_opr	BOBJ1	73	167.9067	After	Interior Girder 1	44.0667	0.95	1	1	5.518896
HS15_serv_opr	BOBJ1	73	167.9067	After	Interior Girder 2	44.0667	0.95	1	1	5.195181
HS15_serv_opr	BOBJ1	73	167.9067	After	Interior Girder 3	44.0667	0.95	1	1	5.022763
HS15_serv_opr	BOBJ1	73	167.9067	After	Interior Girder 4	44.0667	0.95	1	1	5.022763
HS15_serv_opr	BOBJ1	73	167.9067	After	Interior Girder 5	44.0667	0.95	1	1	5.195181
HS15_serv_opr	BOBJ1	73	167.9067	After	Interior Girder 6	44.0667	0.95	1	1	5.518896
HS15_serv_opr	BOBJ1	73	167.9067	After	Right Exterior Girder	44.0667	0.95	1	1	6.95426
HS15_serv_opr	BOBJ1	74	173.94	Before	Left Exterior Girder	50.1	0.95	1	1	9.96961
HS15_serv_opr	BOBJ1	74	173.94	Before	Interior Girder 1	50.1	0.95	1	1	8.004607
HS15_serv_opr	BOBJ1	74	173.94	Before	Interior Girder 2	50.1	0.95	1	1	7.3174
HS15_serv_opr	BOBJ1	74	173.94	Before	Interior Girder 3	50.1	0.95	1	1	7.138105
HS15_serv_opr	BOBJ1	74	173.94	Before	Interior Girder 4	50.1	0.95	1	1	7.138105
HS15_serv_opr	BOBJ1	74	173.94	Before	Interior Girder 5	50.1	0.95	1	1	7.3174
HS15_serv_opr	BOBJ1	74	173.94	Before	Interior Girder 6	50.1	0.95	1	1	8.004607
HS15_serv_opr	BOBJ1	74	173.94	Before	Right Exterior Girder	50.1	0.95	1	1	9.96961
HS15_serv_opr	BOBJ1	75	173.94	After	Left Exterior Girder	50.1	0.95	1	1	9.894786
HS15_serv_opr	BOBJ1	75	173.94	After	Interior Girder 1	50.1	0.95	1	1	8.011093
HS15_serv_opr	BOBJ1	75	173.94	After	Interior Girder 2	50.1	0.95	1	1	7.281892
HS15_serv_opr	BOBJ1	75	173.94	After	Interior Girder 3	50.1	0.95	1	1	7.047677
HS15_serv_opr	BOBJ1	75	173.94	After	Interior Girder 4	50.1	0.95	1	1	7.047677

TABLE: Bridge Super Rating AASHTORATE18 31 - SteelICompServ-Flx - Approach, Span 12-15										
Request	BridgeObj	BridgeCut	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	Unitless	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
HS15_serv_opr	BOBJ1	75	173.94	After	Interior Girder 5	50.1	0.95	1	1	7.281892
HS15_serv_opr	BOBJ1	75	173.94	After	Interior Girder 6	50.1	0.95	1	1	8.011093
HS15_serv_opr	BOBJ1	75	173.94	After	Right Exterior Girder	50.1	0.95	1	1	9.894786
HS15_serv_opr	BOBJ1	76	179.98	Before	Left Exterior Girder	56.14	0.95	1	1	9.721817
HS15_serv_opr	BOBJ1	76	179.98	Before	Interior Girder 1	56.14	0.95	1	1	9.753504
HS15_serv_opr	BOBJ1	76	179.98	Before	Interior Girder 2	56.14	0.95	1	1	9.188894
HS15_serv_opr	BOBJ1	76	179.98	Before	Interior Girder 3	56.14	0.95	1	1	9.14856
HS15_serv_opr	BOBJ1	76	179.98	Before	Interior Girder 4	56.14	0.95	1	1	9.14856
HS15_serv_opr	BOBJ1	76	179.98	Before	Interior Girder 5	56.14	0.95	1	1	9.188894
HS15_serv_opr	BOBJ1	76	179.98	Before	Interior Girder 6	56.14	0.95	1	1	9.753504
HS15_serv_opr	BOBJ1	76	179.98	Before	Right Exterior Girder	56.14	0.95	1	1	9.721817
HS15_serv_opr	BOBJ1	77	179.98	After	Left Exterior Girder	56.14	0.95	1	1	9.795602
HS15_serv_opr	BOBJ1	77	179.98	After	Interior Girder 1	56.14	0.95	1	1	9.690361
HS15_serv_opr	BOBJ1	77	179.98	After	Interior Girder 2	56.14	0.95	1	1	9.048133
HS15_serv_opr	BOBJ1	77	179.98	After	Interior Girder 3	56.14	0.95	1	1	9.03162
HS15_serv_opr	BOBJ1	77	179.98	After	Interior Girder 4	56.14	0.95	1	1	9.03162
HS15_serv_opr	BOBJ1	77	179.98	After	Interior Girder 5	56.14	0.95	1	1	9.048133
HS15_serv_opr	BOBJ1	77	179.98	After	Interior Girder 6	56.14	0.95	1	1	9.690361
HS15_serv_opr	BOBJ1	77	179.98	After	Right Exterior Girder	56.14	0.95	1	1	9.795602
HS15_serv_opr	BOBJ1	78	183.56	Before	Left Exterior Girder	59.72	0.95	1	1	7.874346
HS15_serv_opr	BOBJ1	78	183.56	Before	Right Exterior Girder	59.72	0.95	1	1	7.874346
HS15_serv_opr	BOBJ1	79	183.56	After	Left Exterior Girder	59.72	0.95	1	1	17.870343
HS15_serv_opr	BOBJ1	79	183.56	After	Right Exterior Girder	59.72	0.95	1	1	17.870343
HS15_serv_opr	BOBJ1	80	186.02	Before	Left Exterior Girder	62.18	0.95	1	1	16.15806
HS15_serv_opr	BOBJ1	80	186.02	Before	Interior Girder 1	62.22	0.95	1	1	7.054303
HS15_serv_opr	BOBJ1	80	186.02	Before	Interior Girder 2	62.22	0.95	1	1	6.637398
HS15_serv_opr	BOBJ1	80	186.02	Before	Interior Girder 3	62.22	0.95	1	1	6.177264
HS15_serv_opr	BOBJ1	80	186.02	Before	Interior Girder 4	62.22	0.95	1	1	6.177264
HS15_serv_opr	BOBJ1	80	186.02	Before	Interior Girder 5	62.22	0.95	1	1	6.637398
HS15_serv_opr	BOBJ1	80	186.02	Before	Interior Girder 6	62.22	0.95	1	1	7.054303
HS15_serv_opr	BOBJ1	80	186.02	Before	Right Exterior Girder	62.18	0.95	1	1	16.15806
HS15_serv_opr	BOBJ1	81	186.02	After	Left Exterior Girder	62.18	0.95	1	1	16.241911
HS15_serv_opr	BOBJ1	81	186.02	After	Interior Girder 1	62.22	0.95	1	1	11.06508
HS15_serv_opr	BOBJ1	81	186.02	After	Interior Girder 2	62.22	0.95	1	1	10.15002
HS15_serv_opr	BOBJ1	81	186.02	After	Interior Girder 3	62.22	0.95	1	1	9.54348
HS15_serv_opr	BOBJ1	81	186.02	After	Interior Girder 4	62.22	0.95	1	1	9.54348
HS15_serv_opr	BOBJ1	81	186.02	After	Interior Girder 5	62.22	0.95	1	1	10.15002
HS15_serv_opr	BOBJ1	81	186.02	After	Interior Girder 6	62.22	0.95	1	1	11.06508
HS15_serv_opr	BOBJ1	81	186.02	After	Right Exterior Girder	62.18	0.95	1	1	16.241911
HS15_serv_opr	BOBJ1	82	192.06	Before	Left Exterior Girder	68.22	0.95	1	1	8.509302
HS15_serv_opr	BOBJ1	82	192.06	Before	Interior Girder 1	68.22	0.95	1	1	5.461173
HS15_serv_opr	BOBJ1	82	192.06	Before	Interior Girder 2	68.22	0.95	1	1	5.134615
HS15_serv_opr	BOBJ1	82	192.06	Before	Interior Girder 3	68.22	0.95	1	1	4.431285
HS15_serv_opr	BOBJ1	82	192.06	Before	Interior Girder 4	68.22	0.95	1	1	4.431285
HS15_serv_opr	BOBJ1	82	192.06	Before	Interior Girder 5	68.22	0.95	1	1	5.134615
HS15_serv_opr	BOBJ1	82	192.06	Before	Interior Girder 6	68.22	0.95	1	1	5.461173
HS15_serv_opr	BOBJ1	82	192.06	Before	Right Exterior Girder	68.22	0.95	1	1	8.509302
HS15_serv_opr	BOBJ1	83	192.06	After	Left Exterior Girder	0	0.95	1	1	8.18023
HS15_serv_opr	BOBJ1	83	192.06	After	Interior Girder 1	0	0.95	1	1	6.096813
HS15_serv_opr	BOBJ1	83	192.06	After	Interior Girder 2	0	0.95	1	1	5.620024
HS15_serv_opr	BOBJ1	83	192.06	After	Interior Girder 3	0	0.95	1	1	4.838874
HS15_serv_opr	BOBJ1	83	192.06	After	Interior Girder 4	0	0.95	1	1	4.838874
HS15_serv_opr	BOBJ1	83	192.06	After	Interior Girder 5	0	0.95	1	1	5.620024
HS15_serv_opr	BOBJ1	83	192.06	After	Interior Girder 6	0	0.95	1	1	6.096813
HS15_serv_opr	BOBJ1	83	192.06	After	Right Exterior Girder	0	0.95	1	1	8.18023
HS15_serv_opr	BOBJ1	84	197.087	Before	Interior Girder 1	5.027	0.95	1	1	7.834237
HS15_serv_opr	BOBJ1	84	197.087	Before	Interior Girder 2	5.027	0.95	1	1	7.305554
HS15_serv_opr	BOBJ1	84	197.087	Before	Interior Girder 3	5.027	0.95	1	1	7.170792
HS15_serv_opr	BOBJ1	84	197.087	Before	Interior Girder 4	5.027	0.95	1	1	7.170792
HS15_serv_opr	BOBJ1	84	197.087	Before	Interior Girder 5	5.027	0.95	1	1	7.305554
HS15_serv_opr	BOBJ1	84	197.087	Before	Interior Girder 6	5.027	0.95	1	1	7.834237
HS15_serv_opr	BOBJ1	85	197.087	After	Interior Girder 1	5.027	0.95	1	1	4.98536
HS15_serv_opr	BOBJ1	85	197.087	After	Interior Girder 2	5.027	0.95	1	1	4.659317
HS15_serv_opr	BOBJ1	85	197.087	After	Interior Girder 3	5.027	0.95	1	1	4.553416
HS15_serv_opr	BOBJ1	85	197.087	After	Interior Girder 4	5.027	0.95	1	1	4.553416
HS15_serv_opr	BOBJ1	85	197.087	After	Interior Girder 5	5.027	0.95	1	1	4.659317
HS15_serv_opr	BOBJ1	85	197.087	After	Interior Girder 6	5.027	0.95	1	1	4.98536
HS15_serv_opr	BOBJ1	86	197.91	Before	Left Exterior Girder	5.85	0.95	1	1	10.855104
HS15_serv_opr	BOBJ1	86	197.91	Before	Interior Girder 1	5.85	0.95	1	1	5.233283
HS15_serv_opr	BOBJ1	86	197.91	Before	Interior Girder 2	5.85	0.95	1	1	4.860136
HS15_serv_opr	BOBJ1	86	197.91	Before	Interior Girder 3	5.85	0.95	1	1	4.828233
HS15_serv_opr	BOBJ1	86	197.91	Before	Interior Girder 4	5.85	0.95	1	1	4.828233
HS15_serv_opr	BOBJ1	86	197.91	Before	Interior Girder 5	5.85	0.95	1	1	4.860136

TABLE: Bridge Super Rating AASHTORATE18 31 - SteelICompServ-Flx - Approach, Span 12-15										
Request	BridgeObj	BridgeCut	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	Unitless	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
HS15_serv_opr	BOBJ1	86	197.91	Before	Interior Girder 6	5.85	0.95	1	1	5.233283
HS15_serv_opr	BOBJ1	86	197.91	Before	Right Exterior Girder	5.85	0.95	1	1	10.855104
HS15_serv_opr	BOBJ1	87	197.91	After	Left Exterior Girder	5.85	0.95	1	1	10.917035
HS15_serv_opr	BOBJ1	87	197.91	After	Interior Girder 1	5.85	0.95	1	1	5.233163
HS15_serv_opr	BOBJ1	87	197.91	After	Interior Girder 2	5.85	0.95	1	1	4.89569
HS15_serv_opr	BOBJ1	87	197.91	After	Interior Girder 3	5.85	0.95	1	1	4.83234
HS15_serv_opr	BOBJ1	87	197.91	After	Interior Girder 4	5.85	0.95	1	1	4.83234
HS15_serv_opr	BOBJ1	87	197.91	After	Interior Girder 5	5.85	0.95	1	1	4.89569
HS15_serv_opr	BOBJ1	87	197.91	After	Interior Girder 6	5.85	0.95	1	1	5.233163
HS15_serv_opr	BOBJ1	87	197.91	After	Right Exterior Girder	5.85	0.95	1	1	10.917035
HS15_serv_opr	BOBJ1	88	199.1816	Before	Left Exterior Girder	7.1216	0.95	1	1	11.524715
HS15_serv_opr	BOBJ1	88	199.1816	Before	Right Exterior Girder	7.1216	0.95	1	1	11.524715
HS15_serv_opr	BOBJ1	89	199.1816	After	Left Exterior Girder	7.1216	0.95	1	1	4.964939
HS15_serv_opr	BOBJ1	89	199.1816	After	Right Exterior Girder	7.1216	0.95	1	1	4.964939
HS15_serv_opr	BOBJ1	90	203.5267	Before	Left Exterior Girder	11.3107	0.95	1	1	6.549583
HS15_serv_opr	BOBJ1	90	203.5267	Before	Interior Girder 1	11.3107	0.95	1	1	6.929521
HS15_serv_opr	BOBJ1	90	203.5267	Before	Interior Girder 2	11.3107	0.95	1	1	6.524585
HS15_serv_opr	BOBJ1	90	203.5267	Before	Interior Girder 3	11.3107	0.95	1	1	6.722679
HS15_serv_opr	BOBJ1	90	203.5267	Before	Interior Girder 4	11.3107	0.95	1	1	6.722679
HS15_serv_opr	BOBJ1	90	203.5267	Before	Interior Girder 5	11.3107	0.95	1	1	6.524585
HS15_serv_opr	BOBJ1	90	203.5267	Before	Interior Girder 6	11.3107	0.95	1	1	6.929521
HS15_serv_opr	BOBJ1	90	203.5267	Before	Right Exterior Girder	11.3107	0.95	1	1	6.549583
HS15_serv_opr	BOBJ1	91	203.5267	After	Left Exterior Girder	11.3107	0.95	1	1	10.442795
HS15_serv_opr	BOBJ1	91	203.5267	After	Interior Girder 1	11.3107	0.95	1	1	10.880644
HS15_serv_opr	BOBJ1	91	203.5267	After	Interior Girder 2	11.3107	0.95	1	1	10.374706
HS15_serv_opr	BOBJ1	91	203.5267	After	Interior Girder 3	11.3107	0.95	1	1	10.617802
HS15_serv_opr	BOBJ1	91	203.5267	After	Interior Girder 4	11.3107	0.95	1	1	10.617802
HS15_serv_opr	BOBJ1	91	203.5267	After	Interior Girder 5	11.3107	0.95	1	1	10.374706
HS15_serv_opr	BOBJ1	91	203.5267	After	Interior Girder 6	11.3107	0.95	1	1	10.880644
HS15_serv_opr	BOBJ1	91	203.5267	After	Right Exterior Girder	11.3107	0.95	1	1	10.442795
HS15_serv_opr	BOBJ1	92	209.1433	Before	Left Exterior Girder	17.0833	0.95	1	1	11.543342
HS15_serv_opr	BOBJ1	92	209.1433	Before	Interior Girder 1	17.0833	0.95	1	1	9.310186
HS15_serv_opr	BOBJ1	92	209.1433	Before	Interior Girder 2	17.0833	0.95	1	1	8.648093
HS15_serv_opr	BOBJ1	92	209.1433	Before	Interior Girder 3	17.0833	0.95	1	1	8.446315
HS15_serv_opr	BOBJ1	92	209.1433	Before	Interior Girder 4	17.0833	0.95	1	1	8.446315
HS15_serv_opr	BOBJ1	92	209.1433	Before	Interior Girder 5	17.0833	0.95	1	1	8.648093
HS15_serv_opr	BOBJ1	92	209.1433	Before	Interior Girder 6	17.0833	0.95	1	1	9.310186
HS15_serv_opr	BOBJ1	92	209.1433	Before	Right Exterior Girder	17.0833	0.95	1	1	11.543342
HS15_serv_opr	BOBJ1	93	209.1433	After	Left Exterior Girder	17.0833	0.95	1	1	11.371376
HS15_serv_opr	BOBJ1	93	209.1433	After	Interior Girder 1	17.0833	0.95	1	1	9.379263
HS15_serv_opr	BOBJ1	93	209.1433	After	Interior Girder 2	17.0833	0.95	1	1	8.771014
HS15_serv_opr	BOBJ1	93	209.1433	After	Interior Girder 3	17.0833	0.95	1	1	8.631741
HS15_serv_opr	BOBJ1	93	209.1433	After	Interior Girder 4	17.0833	0.95	1	1	8.631741
HS15_serv_opr	BOBJ1	93	209.1433	After	Interior Girder 5	17.0833	0.95	1	1	8.771014
HS15_serv_opr	BOBJ1	93	209.1433	After	Interior Girder 6	17.0833	0.95	1	1	9.379263
HS15_serv_opr	BOBJ1	93	209.1433	After	Right Exterior Girder	17.0833	0.95	1	1	11.371376
HS15_serv_opr	BOBJ1	94	214.76	Before	Left Exterior Girder	22.7	0.95	1	1	8.585572
HS15_serv_opr	BOBJ1	94	214.76	Before	Interior Girder 1	22.7	0.95	1	1	7.439837
HS15_serv_opr	BOBJ1	94	214.76	Before	Interior Girder 2	22.7	0.95	1	1	6.947938
HS15_serv_opr	BOBJ1	94	214.76	Before	Interior Girder 3	22.7	0.95	1	1	6.801184
HS15_serv_opr	BOBJ1	94	214.76	Before	Interior Girder 4	22.7	0.95	1	1	6.801184
HS15_serv_opr	BOBJ1	94	214.76	Before	Interior Girder 5	22.7	0.95	1	1	6.947938
HS15_serv_opr	BOBJ1	94	214.76	Before	Interior Girder 6	22.7	0.95	1	1	7.439837
HS15_serv_opr	BOBJ1	94	214.76	Before	Right Exterior Girder	22.7	0.95	1	1	8.585572
HS15_serv_opr	BOBJ1	95	214.76	After	Left Exterior Girder	22.7	0.95	1	1	8.584896
HS15_serv_opr	BOBJ1	95	214.76	After	Interior Girder 1	22.7	0.95	1	1	7.422387
HS15_serv_opr	BOBJ1	95	214.76	After	Interior Girder 2	22.7	0.95	1	1	6.974932
HS15_serv_opr	BOBJ1	95	214.76	After	Interior Girder 3	22.7	0.95	1	1	6.856665
HS15_serv_opr	BOBJ1	95	214.76	After	Interior Girder 4	22.7	0.95	1	1	6.856665
HS15_serv_opr	BOBJ1	95	214.76	After	Interior Girder 5	22.7	0.95	1	1	6.974932
HS15_serv_opr	BOBJ1	95	214.76	After	Interior Girder 6	22.7	0.95	1	1	7.422387
HS15_serv_opr	BOBJ1	95	214.76	After	Right Exterior Girder	22.7	0.95	1	1	8.584896
HS15_serv_opr	BOBJ1	96	220.3767	Before	Left Exterior Girder	28.3167	0.95	1	1	7.981766
HS15_serv_opr	BOBJ1	96	220.3767	Before	Interior Girder 1	28.3167	0.95	1	1	6.338025
HS15_serv_opr	BOBJ1	96	220.3767	Before	Interior Girder 2	28.3167	0.95	1	1	5.987248
HS15_serv_opr	BOBJ1	96	220.3767	Before	Interior Girder 3	28.3167	0.95	1	1	5.799559
HS15_serv_opr	BOBJ1	96	220.3767	Before	Interior Girder 4	28.3167	0.95	1	1	5.799559
HS15_serv_opr	BOBJ1	96	220.3767	Before	Interior Girder 5	28.3167	0.95	1	1	5.987248
HS15_serv_opr	BOBJ1	96	220.3767	Before	Interior Girder 6	28.3167	0.95	1	1	6.338025
HS15_serv_opr	BOBJ1	96	220.3767	Before	Right Exterior Girder	28.3167	0.95	1	1	7.981766
HS15_serv_opr	BOBJ1	97	220.3767	After	Left Exterior Girder	28.3167	0.95	1	1	8.026479
HS15_serv_opr	BOBJ1	97	220.3767	After	Interior Girder 1	28.3167	0.95	1	1	6.327647
HS15_serv_opr	BOBJ1	97	220.3767	After	Interior Girder 2	28.3167	0.95	1	1	5.989815

TABLE: Bridge Super Rating AASHTORATE18 31 - SteelICompServ-Flx - Approach, Span 12-15										
Request	BridgeObj	BridgeCut	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	Unitless	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
HS15_serv_opr	BOBJ1	97	220.3767	After	Interior Girder 3	28.3167	0.95	1	1	5.83071
HS15_serv_opr	BOBJ1	97	220.3767	After	Interior Girder 4	28.3167	0.95	1	1	5.83071
HS15_serv_opr	BOBJ1	97	220.3767	After	Interior Girder 5	28.3167	0.95	1	1	5.989815
HS15_serv_opr	BOBJ1	97	220.3767	After	Interior Girder 6	28.3167	0.95	1	1	6.327647
HS15_serv_opr	BOBJ1	97	220.3767	After	Right Exterior Girder	28.3167	0.95	1	1	8.026479
HS15_serv_opr	BOBJ1	98	225.9933	Before	Left Exterior Girder	33.9333	0.95	1	1	7.709927
HS15_serv_opr	BOBJ1	98	225.9933	Before	Interior Girder 1	33.9333	0.95	1	1	6.089558
HS15_serv_opr	BOBJ1	98	225.9933	Before	Interior Girder 2	33.9333	0.95	1	1	5.789626
HS15_serv_opr	BOBJ1	98	225.9933	Before	Interior Girder 3	33.9333	0.95	1	1	5.624097
HS15_serv_opr	BOBJ1	98	225.9933	Before	Interior Girder 4	33.9333	0.95	1	1	5.624097
HS15_serv_opr	BOBJ1	98	225.9933	Before	Interior Girder 5	33.9333	0.95	1	1	5.789626
HS15_serv_opr	BOBJ1	98	225.9933	Before	Interior Girder 6	33.9333	0.95	1	1	6.089558
HS15_serv_opr	BOBJ1	98	225.9933	Before	Right Exterior Girder	33.9333	0.95	1	1	7.709927
HS15_serv_opr	BOBJ1	99	225.9933	After	Left Exterior Girder	33.9333	0.95	1	1	7.656144
HS15_serv_opr	BOBJ1	99	225.9933	After	Interior Girder 1	33.9333	0.95	1	1	6.107852
HS15_serv_opr	BOBJ1	99	225.9933	After	Interior Girder 2	33.9333	0.95	1	1	5.780791
HS15_serv_opr	BOBJ1	99	225.9933	After	Interior Girder 3	33.9333	0.95	1	1	5.595889
HS15_serv_opr	BOBJ1	99	225.9933	After	Interior Girder 4	33.9333	0.95	1	1	5.595889
HS15_serv_opr	BOBJ1	99	225.9933	After	Interior Girder 5	33.9333	0.95	1	1	5.780791
HS15_serv_opr	BOBJ1	99	225.9933	After	Interior Girder 6	33.9333	0.95	1	1	6.107852
HS15_serv_opr	BOBJ1	99	225.9933	After	Right Exterior Girder	33.9333	0.95	1	1	7.656144
HS15_serv_opr	BOBJ1	100	231.61	Before	Left Exterior Girder	39.55	0.95	1	1	8.114625
HS15_serv_opr	BOBJ1	100	231.61	Before	Interior Girder 1	39.55	0.95	1	1	6.780375
HS15_serv_opr	BOBJ1	100	231.61	Before	Interior Girder 2	39.55	0.95	1	1	6.390536
HS15_serv_opr	BOBJ1	100	231.61	Before	Interior Girder 3	39.55	0.95	1	1	6.213476
HS15_serv_opr	BOBJ1	100	231.61	Before	Interior Girder 4	39.55	0.95	1	1	6.213476
HS15_serv_opr	BOBJ1	100	231.61	Before	Interior Girder 5	39.55	0.95	1	1	6.390536
HS15_serv_opr	BOBJ1	100	231.61	Before	Interior Girder 6	39.55	0.95	1	1	6.780375
HS15_serv_opr	BOBJ1	100	231.61	Before	Right Exterior Girder	39.55	0.95	1	1	8.114625
HS15_serv_opr	BOBJ1	101	231.61	After	Left Exterior Girder	39.55	0.95	1	1	8.097782
HS15_serv_opr	BOBJ1	101	231.61	After	Interior Girder 1	39.55	0.95	1	1	6.779474
HS15_serv_opr	BOBJ1	101	231.61	After	Interior Girder 2	39.55	0.95	1	1	6.33592
HS15_serv_opr	BOBJ1	101	231.61	After	Interior Girder 3	39.55	0.95	1	1	6.12442
HS15_serv_opr	BOBJ1	101	231.61	After	Interior Girder 4	39.55	0.95	1	1	6.12442
HS15_serv_opr	BOBJ1	101	231.61	After	Interior Girder 5	39.55	0.95	1	1	6.33592
HS15_serv_opr	BOBJ1	101	231.61	After	Interior Girder 6	39.55	0.95	1	1	6.779474
HS15_serv_opr	BOBJ1	101	231.61	After	Right Exterior Girder	39.55	0.95	1	1	8.097782
HS15_serv_opr	BOBJ1	102	237.37	Before	Left Exterior Girder	45.31	0.95	1	1	10.655768
HS15_serv_opr	BOBJ1	102	237.37	Before	Interior Girder 1	45.31	0.95	1	1	7.960898
HS15_serv_opr	BOBJ1	102	237.37	Before	Interior Girder 2	45.31	0.95	1	1	7.528849
HS15_serv_opr	BOBJ1	102	237.37	Before	Interior Girder 3	45.31	0.95	1	1	7.203693
HS15_serv_opr	BOBJ1	102	237.37	Before	Interior Girder 4	45.31	0.95	1	1	7.203693
HS15_serv_opr	BOBJ1	102	237.37	Before	Interior Girder 5	45.31	0.95	1	1	7.528849
HS15_serv_opr	BOBJ1	102	237.37	Before	Interior Girder 6	45.31	0.95	1	1	7.960898
HS15_serv_opr	BOBJ1	102	237.37	Before	Right Exterior Girder	45.31	0.95	1	1	10.655768
HS15_serv_opr	BOBJ1	103	237.37	After	Left Exterior Girder	45.31	0.95	1	1	10.777115
HS15_serv_opr	BOBJ1	103	237.37	After	Interior Girder 1	45.31	0.95	1	1	7.913059
HS15_serv_opr	BOBJ1	103	237.37	After	Interior Girder 2	45.31	0.95	1	1	7.373817
HS15_serv_opr	BOBJ1	103	237.37	After	Interior Girder 3	45.31	0.95	1	1	6.951877
HS15_serv_opr	BOBJ1	103	237.37	After	Interior Girder 4	45.31	0.95	1	1	6.951877
HS15_serv_opr	BOBJ1	103	237.37	After	Interior Girder 5	45.31	0.95	1	1	7.373817
HS15_serv_opr	BOBJ1	103	237.37	After	Interior Girder 6	45.31	0.95	1	1	7.913059
HS15_serv_opr	BOBJ1	103	237.37	After	Right Exterior Girder	45.31	0.95	1	1	10.777115
HS15_serv_opr	BOBJ1	104	243.13	Before	Left Exterior Girder	51.07	0.95	1	1	19.069335
HS15_serv_opr	BOBJ1	104	243.13	Before	Interior Girder 1	51.07	0.95	1	1	13.019972
HS15_serv_opr	BOBJ1	104	243.13	Before	Interior Girder 2	51.07	0.95	1	1	12.343163
HS15_serv_opr	BOBJ1	104	243.13	Before	Interior Girder 3	51.07	0.95	1	1	11.005778
HS15_serv_opr	BOBJ1	104	243.13	Before	Interior Girder 4	51.07	0.95	1	1	11.005778
HS15_serv_opr	BOBJ1	104	243.13	Before	Interior Girder 5	51.07	0.95	1	1	12.343163
HS15_serv_opr	BOBJ1	104	243.13	Before	Interior Girder 6	51.07	0.95	1	1	13.019972
HS15_serv_opr	BOBJ1	104	243.13	Before	Right Exterior Girder	51.07	0.95	1	1	19.069335
HS15_serv_opr	BOBJ1	105	243.13	After	Left Exterior Girder	51.07	0.95	1	1	18.978386
HS15_serv_opr	BOBJ1	105	243.13	After	Interior Girder 1	51.07	0.95	1	1	12.88076
HS15_serv_opr	BOBJ1	105	243.13	After	Interior Girder 2	51.07	0.95	1	1	12.055829
HS15_serv_opr	BOBJ1	105	243.13	After	Interior Girder 3	51.07	0.95	1	1	10.456466
HS15_serv_opr	BOBJ1	105	243.13	After	Interior Girder 4	51.07	0.95	1	1	10.456466
HS15_serv_opr	BOBJ1	105	243.13	After	Interior Girder 5	51.07	0.95	1	1	12.055829
HS15_serv_opr	BOBJ1	105	243.13	After	Interior Girder 6	51.07	0.95	1	1	12.88076
HS15_serv_opr	BOBJ1	105	243.13	After	Right Exterior Girder	51.07	0.95	1	1	18.978386
HS15_serv_opr	BOBJ1	106	248.89	Before	Left Exterior Girder	56.83	0.95	1	1	887.195904
HS15_serv_opr	BOBJ1	106	248.89	Before	Interior Girder 1	56.83	0.95	1	1	731.201436
HS15_serv_opr	BOBJ1	106	248.89	Before	Interior Girder 2	56.83	0.95	1	1	446.640654
HS15_serv_opr	BOBJ1	106	248.89	Before	Interior Girder 3	56.83	0.95	1	1	347.429542

TABLE: Bridge Super Rating AASHTORATE18 31 - SteelICompServ-Flx - Approach, Span 12-15										
Request	BridgeObj	BridgeCut	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	Unitless	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
HS15_serv_opr	BOBJ1	106	248.89	Before	Interior Girder 4	56.83	0.95	1	1	347.429543
HS15_serv_opr	BOBJ1	106	248.89	Before	Interior Girder 5	56.83	0.95	1	1	446.640654
HS15_serv_opr	BOBJ1	106	248.89	Before	Interior Girder 6	56.83	0.95	1	1	731.201436
HS15_serv_opr	BOBJ1	106	248.89	Before	Right Exterior Girder	56.83	0.95	1	1	887.195904
HS15_serv_inv	BOBJ1	1	0	After	Left Exterior Girder	0	0.95	1	1	469.237232
HS15_serv_inv	BOBJ1	1	0	After	Interior Girder 1	0	0.95	1	1	340.922636
HS15_serv_inv	BOBJ1	1	0	After	Interior Girder 2	0	0.95	1	1	243.616753
HS15_serv_inv	BOBJ1	1	0	After	Interior Girder 3	0	0.95	1	1	195.748482
HS15_serv_inv	BOBJ1	1	0	After	Interior Girder 4	0	0.95	1	1	195.748482
HS15_serv_inv	BOBJ1	1	0	After	Interior Girder 5	0	0.95	1	1	243.616752
HS15_serv_inv	BOBJ1	1	0	After	Interior Girder 6	0	0.95	1	1	340.922636
HS15_serv_inv	BOBJ1	1	0	After	Right Exterior Girder	0	0.95	1	1	469.237231
HS15_serv_inv	BOBJ1	2	5.85	Before	Left Exterior Girder	5.85	0.95	1	1	11.897999
HS15_serv_inv	BOBJ1	2	5.85	Before	Interior Girder 1	5.85	0.95	1	1	8.721244
HS15_serv_inv	BOBJ1	2	5.85	Before	Interior Girder 2	5.85	0.95	1	1	8.057407
HS15_serv_inv	BOBJ1	2	5.85	Before	Interior Girder 3	5.85	0.95	1	1	7.126647
HS15_serv_inv	BOBJ1	2	5.85	Before	Interior Girder 4	5.85	0.95	1	1	7.126647
HS15_serv_inv	BOBJ1	2	5.85	Before	Interior Girder 5	5.85	0.95	1	1	8.057407
HS15_serv_inv	BOBJ1	2	5.85	Before	Interior Girder 6	5.85	0.95	1	1	8.721244
HS15_serv_inv	BOBJ1	2	5.85	Before	Right Exterior Girder	5.85	0.95	1	1	11.897999
HS15_serv_inv	BOBJ1	3	5.85	After	Left Exterior Girder	5.85	0.95	1	1	12.007606
HS15_serv_inv	BOBJ1	3	5.85	After	Interior Girder 1	5.85	0.95	1	1	8.736831
HS15_serv_inv	BOBJ1	3	5.85	After	Interior Girder 2	5.85	0.95	1	1	8.189206
HS15_serv_inv	BOBJ1	3	5.85	After	Interior Girder 3	5.85	0.95	1	1	7.453922
HS15_serv_inv	BOBJ1	3	5.85	After	Interior Girder 4	5.85	0.95	1	1	7.453922
HS15_serv_inv	BOBJ1	3	5.85	After	Interior Girder 5	5.85	0.95	1	1	8.189206
HS15_serv_inv	BOBJ1	3	5.85	After	Interior Girder 6	5.85	0.95	1	1	8.736831
HS15_serv_inv	BOBJ1	3	5.85	After	Right Exterior Girder	5.85	0.95	1	1	12.007606
HS15_serv_inv	BOBJ1	4	11.4667	Before	Left Exterior Girder	11.4667	0.95	1	1	6.782987
HS15_serv_inv	BOBJ1	4	11.4667	Before	Interior Girder 1	11.4667	0.95	1	1	5.055017
HS15_serv_inv	BOBJ1	4	11.4667	Before	Interior Girder 2	11.4667	0.95	1	1	4.739003
HS15_serv_inv	BOBJ1	4	11.4667	Before	Interior Girder 3	11.4667	0.95	1	1	4.446859
HS15_serv_inv	BOBJ1	4	11.4667	Before	Interior Girder 4	11.4667	0.95	1	1	4.446859
HS15_serv_inv	BOBJ1	4	11.4667	Before	Interior Girder 5	11.4667	0.95	1	1	4.739003
HS15_serv_inv	BOBJ1	4	11.4667	Before	Interior Girder 6	11.4667	0.95	1	1	5.055017
HS15_serv_inv	BOBJ1	4	11.4667	Before	Right Exterior Girder	11.4667	0.95	1	1	6.782987
HS15_serv_inv	BOBJ1	5	11.4667	After	Left Exterior Girder	11.4667	0.95	1	1	6.86257
HS15_serv_inv	BOBJ1	5	11.4667	After	Interior Girder 1	11.4667	0.95	1	1	5.026734
HS15_serv_inv	BOBJ1	5	11.4667	After	Interior Girder 2	11.4667	0.95	1	1	4.792612
HS15_serv_inv	BOBJ1	5	11.4667	After	Interior Girder 3	11.4667	0.95	1	1	4.565676
HS15_serv_inv	BOBJ1	5	11.4667	After	Interior Girder 4	11.4667	0.95	1	1	4.565676
HS15_serv_inv	BOBJ1	5	11.4667	After	Interior Girder 5	11.4667	0.95	1	1	4.792612
HS15_serv_inv	BOBJ1	5	11.4667	After	Interior Girder 6	11.4667	0.95	1	1	5.026734
HS15_serv_inv	BOBJ1	5	11.4667	After	Right Exterior Girder	11.4667	0.95	1	1	6.86257
HS15_serv_inv	BOBJ1	6	17.0833	Before	Left Exterior Girder	17.0833	0.95	1	1	5.249146
HS15_serv_inv	BOBJ1	6	17.0833	Before	Interior Girder 1	17.0833	0.95	1	1	4.161437
HS15_serv_inv	BOBJ1	6	17.0833	Before	Interior Girder 2	17.0833	0.95	1	1	3.941336
HS15_serv_inv	BOBJ1	6	17.0833	Before	Interior Girder 3	17.0833	0.95	1	1	3.800829
HS15_serv_inv	BOBJ1	6	17.0833	Before	Interior Girder 4	17.0833	0.95	1	1	3.800829
HS15_serv_inv	BOBJ1	6	17.0833	Before	Interior Girder 5	17.0833	0.95	1	1	3.941336
HS15_serv_inv	BOBJ1	6	17.0833	Before	Interior Girder 6	17.0833	0.95	1	1	4.161437
HS15_serv_inv	BOBJ1	6	17.0833	Before	Right Exterior Girder	17.0833	0.95	1	1	5.249146
HS15_serv_inv	BOBJ1	7	17.0833	After	Left Exterior Girder	17.0833	0.95	1	1	5.237812
HS15_serv_inv	BOBJ1	7	17.0833	After	Interior Girder 1	17.0833	0.95	1	1	4.175716
HS15_serv_inv	BOBJ1	7	17.0833	After	Interior Girder 2	17.0833	0.95	1	1	3.989881
HS15_serv_inv	BOBJ1	7	17.0833	After	Interior Girder 3	17.0833	0.95	1	1	3.865317
HS15_serv_inv	BOBJ1	7	17.0833	After	Interior Girder 4	17.0833	0.95	1	1	3.865317
HS15_serv_inv	BOBJ1	7	17.0833	After	Interior Girder 5	17.0833	0.95	1	1	3.989881
HS15_serv_inv	BOBJ1	7	17.0833	After	Interior Girder 6	17.0833	0.95	1	1	4.175716
HS15_serv_inv	BOBJ1	7	17.0833	After	Right Exterior Girder	17.0833	0.95	1	1	5.237812
HS15_serv_inv	BOBJ1	8	22.7	Before	Left Exterior Girder	22.7	0.95	1	1	4.637086
HS15_serv_inv	BOBJ1	8	22.7	Before	Interior Girder 1	22.7	0.95	1	1	4.03768
HS15_serv_inv	BOBJ1	8	22.7	Before	Interior Girder 2	22.7	0.95	1	1	3.840203
HS15_serv_inv	BOBJ1	8	22.7	Before	Interior Girder 3	22.7	0.95	1	1	3.756089
HS15_serv_inv	BOBJ1	8	22.7	Before	Interior Girder 4	22.7	0.95	1	1	3.756089
HS15_serv_inv	BOBJ1	8	22.7	Before	Interior Girder 5	22.7	0.95	1	1	3.840203
HS15_serv_inv	BOBJ1	8	22.7	Before	Interior Girder 6	22.7	0.95	1	1	4.03768
HS15_serv_inv	BOBJ1	8	22.7	Before	Right Exterior Girder	22.7	0.95	1	1	4.637086
HS15_serv_inv	BOBJ1	9	22.7	After	Left Exterior Girder	22.7	0.95	1	1	4.651857
HS15_serv_inv	BOBJ1	9	22.7	After	Interior Girder 1	22.7	0.95	1	1	4.03179
HS15_serv_inv	BOBJ1	9	22.7	After	Interior Girder 2	22.7	0.95	1	1	3.846121
HS15_serv_inv	BOBJ1	9	22.7	After	Interior Girder 3	22.7	0.95	1	1	3.771606
HS15_serv_inv	BOBJ1	9	22.7	After	Interior Girder 4	22.7	0.95	1	1	3.771606

TABLE: Bridge Super Rating AASHTORATE18 31 - SteelICompServ-Flx - Approach, Span 12-15										
Request	BridgeObj	BridgeCut	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	Unitless	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
HS15_serv_inv	BOBJ1	9	22.7	After	Interior Girder 5	22.7	0.95	1	1	3.846121
HS15_serv_inv	BOBJ1	9	22.7	After	Interior Girder 6	22.7	0.95	1	1	4.03179
HS15_serv_inv	BOBJ1	9	22.7	After	Right Exterior Girder	22.7	0.95	1	1	4.651857
HS15_serv_inv	BOBJ1	10	28.3167	Before	Left Exterior Girder	28.3167	0.95	1	1	5.057502
HS15_serv_inv	BOBJ1	10	28.3167	Before	Interior Girder 1	28.3167	0.95	1	1	4.090518
HS15_serv_inv	BOBJ1	10	28.3167	Before	Interior Girder 2	28.3167	0.95	1	1	3.896762
HS15_serv_inv	BOBJ1	10	28.3167	Before	Interior Girder 3	28.3167	0.95	1	1	3.802743
HS15_serv_inv	BOBJ1	10	28.3167	Before	Interior Girder 4	28.3167	0.95	1	1	3.802743
HS15_serv_inv	BOBJ1	10	28.3167	Before	Interior Girder 5	28.3167	0.95	1	1	3.896762
HS15_serv_inv	BOBJ1	10	28.3167	Before	Interior Girder 6	28.3167	0.95	1	1	4.090518
HS15_serv_inv	BOBJ1	10	28.3167	Before	Right Exterior Girder	28.3167	0.95	1	1	5.057502
HS15_serv_inv	BOBJ1	11	28.3167	After	Left Exterior Girder	28.3167	0.95	1	1	5.082357
HS15_serv_inv	BOBJ1	11	28.3167	After	Interior Girder 1	28.3167	0.95	1	1	4.063846
HS15_serv_inv	BOBJ1	11	28.3167	After	Interior Girder 2	28.3167	0.95	1	1	3.865623
HS15_serv_inv	BOBJ1	11	28.3167	After	Interior Girder 3	28.3167	0.95	1	1	3.755198
HS15_serv_inv	BOBJ1	11	28.3167	After	Interior Girder 4	28.3167	0.95	1	1	3.755198
HS15_serv_inv	BOBJ1	11	28.3167	After	Interior Girder 5	28.3167	0.95	1	1	3.865623
HS15_serv_inv	BOBJ1	11	28.3167	After	Interior Girder 6	28.3167	0.95	1	1	4.063846
HS15_serv_inv	BOBJ1	11	28.3167	After	Right Exterior Girder	28.3167	0.95	1	1	5.082357
HS15_serv_inv	BOBJ1	12	33.9333	Before	Left Exterior Girder	33.9333	0.95	1	1	6.069658
HS15_serv_inv	BOBJ1	12	33.9333	Before	Interior Girder 1	33.9333	0.95	1	1	4.665923
HS15_serv_inv	BOBJ1	12	33.9333	Before	Interior Girder 2	33.9333	0.95	1	1	4.437214
HS15_serv_inv	BOBJ1	12	33.9333	Before	Interior Girder 3	33.9333	0.95	1	1	4.345628
HS15_serv_inv	BOBJ1	12	33.9333	Before	Interior Girder 4	33.9333	0.95	1	1	4.345628
HS15_serv_inv	BOBJ1	12	33.9333	Before	Interior Girder 5	33.9333	0.95	1	1	4.437214
HS15_serv_inv	BOBJ1	12	33.9333	Before	Interior Girder 6	33.9333	0.95	1	1	4.665923
HS15_serv_inv	BOBJ1	12	33.9333	Before	Right Exterior Girder	33.9333	0.95	1	1	6.069658
HS15_serv_inv	BOBJ1	13	33.9333	After	Left Exterior Girder	33.9333	0.95	1	1	6.000021
HS15_serv_inv	BOBJ1	13	33.9333	After	Interior Girder 1	33.9333	0.95	1	1	4.691163
HS15_serv_inv	BOBJ1	13	33.9333	After	Interior Girder 2	33.9333	0.95	1	1	4.430725
HS15_serv_inv	BOBJ1	13	33.9333	After	Interior Girder 3	33.9333	0.95	1	1	4.299947
HS15_serv_inv	BOBJ1	13	33.9333	After	Interior Girder 4	33.9333	0.95	1	1	4.299947
HS15_serv_inv	BOBJ1	13	33.9333	After	Interior Girder 5	33.9333	0.95	1	1	4.430725
HS15_serv_inv	BOBJ1	13	33.9333	After	Interior Girder 6	33.9333	0.95	1	1	4.691163
HS15_serv_inv	BOBJ1	13	33.9333	After	Right Exterior Girder	33.9333	0.95	1	1	6.000021
HS15_serv_inv	BOBJ1	14	39.55	Before	Left Exterior Girder	39.55	0.95	1	1	8.187863
HS15_serv_inv	BOBJ1	14	39.55	Before	Interior Girder 1	39.55	0.95	1	1	6.582888
HS15_serv_inv	BOBJ1	14	39.55	Before	Interior Girder 2	39.55	0.95	1	1	6.09809
HS15_serv_inv	BOBJ1	14	39.55	Before	Interior Girder 3	39.55	0.95	1	1	5.998077
HS15_serv_inv	BOBJ1	14	39.55	Before	Interior Girder 4	39.55	0.95	1	1	5.998077
HS15_serv_inv	BOBJ1	14	39.55	Before	Interior Girder 5	39.55	0.95	1	1	6.09809
HS15_serv_inv	BOBJ1	14	39.55	Before	Interior Girder 6	39.55	0.95	1	1	6.582888
HS15_serv_inv	BOBJ1	14	39.55	Before	Right Exterior Girder	39.55	0.95	1	1	8.187863
HS15_serv_inv	BOBJ1	15	39.55	After	Left Exterior Girder	39.55	0.95	1	1	8.186395
HS15_serv_inv	BOBJ1	15	39.55	After	Interior Girder 1	39.55	0.95	1	1	6.584638
HS15_serv_inv	BOBJ1	15	39.55	After	Interior Girder 2	39.55	0.95	1	1	6.055216
HS15_serv_inv	BOBJ1	15	39.55	After	Interior Girder 3	39.55	0.95	1	1	5.890935
HS15_serv_inv	BOBJ1	15	39.55	After	Interior Girder 4	39.55	0.95	1	1	5.890935
HS15_serv_inv	BOBJ1	15	39.55	After	Interior Girder 5	39.55	0.95	1	1	6.055216
HS15_serv_inv	BOBJ1	15	39.55	After	Interior Girder 6	39.55	0.95	1	1	6.584638
HS15_serv_inv	BOBJ1	15	39.55	After	Right Exterior Girder	39.55	0.95	1	1	8.186395
HS15_serv_inv	BOBJ1	16	45.1733	Before	Left Exterior Girder	45.1226	0.95	1	1	6.73472
HS15_serv_inv	BOBJ1	16	45.1733	Before	Interior Girder 1	45.1226	0.95	1	1	6.881243
HS15_serv_inv	BOBJ1	16	45.1733	Before	Interior Girder 2	45.1226	0.95	1	1	6.601379
HS15_serv_inv	BOBJ1	16	45.1733	Before	Interior Girder 3	45.1226	0.95	1	1	6.707948
HS15_serv_inv	BOBJ1	16	45.1733	Before	Interior Girder 4	45.1226	0.95	1	1	6.707948
HS15_serv_inv	BOBJ1	16	45.1733	Before	Interior Girder 5	45.1226	0.95	1	1	6.601379
HS15_serv_inv	BOBJ1	16	45.1733	Before	Interior Girder 6	45.1226	0.95	1	1	6.881243
HS15_serv_inv	BOBJ1	16	45.1733	Before	Right Exterior Girder	45.1226	0.95	1	1	6.73472
HS15_serv_inv	BOBJ1	17	45.1733	After	Left Exterior Girder	45.1226	0.95	1	1	5.408411
HS15_serv_inv	BOBJ1	17	45.1733	After	Interior Girder 1	45.1226	0.95	1	1	5.525412
HS15_serv_inv	BOBJ1	17	45.1733	After	Interior Girder 2	45.1226	0.95	1	1	5.267004
HS15_serv_inv	BOBJ1	17	45.1733	After	Interior Girder 3	45.1226	0.95	1	1	5.376955
HS15_serv_inv	BOBJ1	17	45.1733	After	Interior Girder 4	45.1226	0.95	1	1	5.376955
HS15_serv_inv	BOBJ1	17	45.1733	After	Interior Girder 5	45.1226	0.95	1	1	5.267004
HS15_serv_inv	BOBJ1	17	45.1733	After	Interior Girder 6	45.1226	0.95	1	1	5.525412
HS15_serv_inv	BOBJ1	17	45.1733	After	Right Exterior Girder	45.1226	0.95	1	1	5.408411
HS15_serv_inv	BOBJ1	18	49.2561	Before	Left Exterior Girder	49.2561	0.95	1	1	4.152464
HS15_serv_inv	BOBJ1	18	49.2561	Before	Right Exterior Girder	49.2561	0.95	1	1	4.152464
HS15_serv_inv	BOBJ1	19	49.2561	After	Left Exterior Girder	49.2561	0.95	1	1	4.196865
HS15_serv_inv	BOBJ1	19	49.2561	After	Right Exterior Girder	49.2561	0.95	1	1	4.196865
HS15_serv_inv	BOBJ1	20	50.7967	Before	Left Exterior Girder	50.7967	0.95	1	1	8.425119
HS15_serv_inv	BOBJ1	20	50.7967	Before	Interior Girder 1	50.7967	0.95	1	1	4.180484

TABLE: Bridge Super Rating AASHTORATE18 31 - SteelCompServ-Flx - Approach, Span 12-15										
Request	BridgeObj	BridgeCut	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	Unitless	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
HS15_serv_inv	BOBJ1	20	50.7967	Before	Interior Girder 2	50.7967	0.95	1	1	3.960283
HS15_serv_inv	BOBJ1	20	50.7967	Before	Interior Girder 3	50.7967	0.95	1	1	3.802339
HS15_serv_inv	BOBJ1	20	50.7967	Before	Interior Girder 4	50.7967	0.95	1	1	3.802339
HS15_serv_inv	BOBJ1	20	50.7967	Before	Interior Girder 5	50.7967	0.95	1	1	3.960283
HS15_serv_inv	BOBJ1	20	50.7967	Before	Interior Girder 6	50.7967	0.95	1	1	4.180484
HS15_serv_inv	BOBJ1	20	50.7967	Before	Right Exterior Girder	50.7967	0.95	1	1	8.425119
HS15_serv_inv	BOBJ1	21	50.7967	After	Left Exterior Girder	50.7967	0.95	1	1	8.367662
HS15_serv_inv	BOBJ1	21	50.7967	After	Interior Girder 1	50.7967	0.95	1	1	4.176992
HS15_serv_inv	BOBJ1	21	50.7967	After	Interior Girder 2	50.7967	0.95	1	1	3.93406
HS15_serv_inv	BOBJ1	21	50.7967	After	Interior Girder 3	50.7967	0.95	1	1	3.78833
HS15_serv_inv	BOBJ1	21	50.7967	After	Interior Girder 4	50.7967	0.95	1	1	3.78833
HS15_serv_inv	BOBJ1	21	50.7967	After	Interior Girder 5	50.7967	0.95	1	1	3.93406
HS15_serv_inv	BOBJ1	21	50.7967	After	Interior Girder 6	50.7967	0.95	1	1	4.176992
HS15_serv_inv	BOBJ1	21	50.7967	After	Right Exterior Girder	50.7967	0.95	1	1	8.367662
HS15_serv_inv	BOBJ1	22	51.3989	Before	Interior Girder 1	51.3989	0.95	1	1	4.024548
HS15_serv_inv	BOBJ1	22	51.3989	Before	Interior Girder 2	51.3989	0.95	1	1	3.808292
HS15_serv_inv	BOBJ1	22	51.3989	Before	Interior Girder 3	51.3989	0.95	1	1	3.636849
HS15_serv_inv	BOBJ1	22	51.3989	Before	Interior Girder 4	51.3989	0.95	1	1	3.636849
HS15_serv_inv	BOBJ1	22	51.3989	Before	Interior Girder 5	51.3989	0.95	1	1	3.808292
HS15_serv_inv	BOBJ1	22	51.3989	Before	Interior Girder 6	51.3989	0.95	1	1	4.024548
HS15_serv_inv	BOBJ1	23	51.3989	After	Interior Girder 1	51.3989	0.95	1	1	5.937225
HS15_serv_inv	BOBJ1	23	51.3989	After	Interior Girder 2	51.3989	0.95	1	1	5.579942
HS15_serv_inv	BOBJ1	23	51.3989	After	Interior Girder 3	51.3989	0.95	1	1	5.373466
HS15_serv_inv	BOBJ1	23	51.3989	After	Interior Girder 4	51.3989	0.95	1	1	5.373466
HS15_serv_inv	BOBJ1	23	51.3989	After	Interior Girder 5	51.3989	0.95	1	1	5.579942
HS15_serv_inv	BOBJ1	23	51.3989	After	Interior Girder 6	51.3989	0.95	1	1	5.937225
HS15_serv_inv	BOBJ1	24	56.42	Before	Left Exterior Girder	56.42	0.95	1	1	6.382297
HS15_serv_inv	BOBJ1	24	56.42	Before	Interior Girder 1	56.42	0.95	1	1	4.445076
HS15_serv_inv	BOBJ1	24	56.42	Before	Interior Girder 2	56.42	0.95	1	1	4.126223
HS15_serv_inv	BOBJ1	24	56.42	Before	Interior Girder 3	56.42	0.95	1	1	3.5335
HS15_serv_inv	BOBJ1	24	56.42	Before	Interior Girder 4	56.42	0.95	1	1	3.5335
HS15_serv_inv	BOBJ1	24	56.42	Before	Interior Girder 5	56.42	0.95	1	1	4.126223
HS15_serv_inv	BOBJ1	24	56.42	Before	Interior Girder 6	56.42	0.95	1	1	4.445076
HS15_serv_inv	BOBJ1	24	56.42	Before	Right Exterior Girder	56.42	0.95	1	1	6.382297
HS15_serv_inv	BOBJ1	25	56.42	After	Left Exterior Girder	0	0.95	1	1	6.536608
HS15_serv_inv	BOBJ1	25	56.42	After	Interior Girder 1	0	0.95	1	1	4.107619
HS15_serv_inv	BOBJ1	25	56.42	After	Interior Girder 2	0	0.95	1	1	3.868662
HS15_serv_inv	BOBJ1	25	56.42	After	Interior Girder 3	0	0.95	1	1	3.332269
HS15_serv_inv	BOBJ1	25	56.42	After	Interior Girder 4	0	0.95	1	1	3.332269
HS15_serv_inv	BOBJ1	25	56.42	After	Interior Girder 5	0	0.95	1	1	3.868662
HS15_serv_inv	BOBJ1	25	56.42	After	Interior Girder 6	0	0.95	1	1	4.107619
HS15_serv_inv	BOBJ1	25	56.42	After	Right Exterior Girder	0	0.95	1	1	6.536608
HS15_serv_inv	BOBJ1	26	62.0367	Before	Left Exterior Girder	5.6167	0.95	1	1	10.779374
HS15_serv_inv	BOBJ1	26	62.0367	Before	Interior Girder 1	5.6167	0.95	1	1	7.479559
HS15_serv_inv	BOBJ1	26	62.0367	Before	Interior Girder 2	5.6167	0.95	1	1	6.889259
HS15_serv_inv	BOBJ1	26	62.0367	Before	Interior Girder 3	5.6167	0.95	1	1	6.478515
HS15_serv_inv	BOBJ1	26	62.0367	Before	Interior Girder 4	5.6167	0.95	1	1	6.478515
HS15_serv_inv	BOBJ1	26	62.0367	Before	Interior Girder 5	5.6167	0.95	1	1	6.889259
HS15_serv_inv	BOBJ1	26	62.0367	Before	Interior Girder 6	5.6167	0.95	1	1	7.479559
HS15_serv_inv	BOBJ1	26	62.0367	Before	Right Exterior Girder	5.6167	0.95	1	1	10.779374
HS15_serv_inv	BOBJ1	27	62.0367	After	Left Exterior Girder	5.6167	0.95	1	1	10.677653
HS15_serv_inv	BOBJ1	27	62.0367	After	Interior Girder 1	5.6167	0.95	1	1	7.599157
HS15_serv_inv	BOBJ1	27	62.0367	After	Interior Girder 2	5.6167	0.95	1	1	7.008753
HS15_serv_inv	BOBJ1	27	62.0367	After	Interior Girder 3	5.6167	0.95	1	1	6.601222
HS15_serv_inv	BOBJ1	27	62.0367	After	Interior Girder 4	5.6167	0.95	1	1	6.601222
HS15_serv_inv	BOBJ1	27	62.0367	After	Interior Girder 5	5.6167	0.95	1	1	7.008753
HS15_serv_inv	BOBJ1	27	62.0367	After	Interior Girder 6	5.6167	0.95	1	1	7.599157
HS15_serv_inv	BOBJ1	27	62.0367	After	Right Exterior Girder	5.6167	0.95	1	1	10.677653
HS15_serv_inv	BOBJ1	28	62.4203	Before	Interior Girder 1	6.0003	0.95	1	1	7.736987
HS15_serv_inv	BOBJ1	28	62.4203	Before	Interior Girder 2	6.0003	0.95	1	1	7.128123
HS15_serv_inv	BOBJ1	28	62.4203	Before	Interior Girder 3	6.0003	0.95	1	1	6.7478
HS15_serv_inv	BOBJ1	28	62.4203	Before	Interior Girder 4	6.0003	0.95	1	1	6.7478
HS15_serv_inv	BOBJ1	28	62.4203	Before	Interior Girder 5	6.0003	0.95	1	1	7.128123
HS15_serv_inv	BOBJ1	28	62.4203	Before	Interior Girder 6	6.0003	0.95	1	1	7.736987
HS15_serv_inv	BOBJ1	29	62.4203	After	Interior Girder 1	6.0003	0.95	1	1	5.233227
HS15_serv_inv	BOBJ1	29	62.4203	After	Interior Girder 2	6.0003	0.95	1	1	4.877306
HS15_serv_inv	BOBJ1	29	62.4203	After	Interior Girder 3	6.0003	0.95	1	1	4.568837
HS15_serv_inv	BOBJ1	29	62.4203	After	Interior Girder 4	6.0003	0.95	1	1	4.568837
HS15_serv_inv	BOBJ1	29	62.4203	After	Interior Girder 5	6.0003	0.95	1	1	4.877306
HS15_serv_inv	BOBJ1	29	62.4203	After	Interior Girder 6	6.0003	0.95	1	1	5.233227
HS15_serv_inv	BOBJ1	30	64.9204	Before	Left Exterior Girder	8.5004	0.95	1	1	12.06302
HS15_serv_inv	BOBJ1	30	64.9204	Before	Right Exterior Girder	8.5004	0.95	1	1	12.06302
HS15_serv_inv	BOBJ1	31	64.9204	After	Left Exterior Girder	8.5004	0.95	1	1	5.733631

TABLE: Bridge Super Rating AASHTORATE18 31 - SteelCompServ-Flx - Approach, Span 12-15										
Request	BridgeObj	BridgeCut	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	Unitless	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
HS15_serv_inv	BOBJ1	31	64.9204	After	Right Exterior Girder	8.5004	0.95	1	1	5.733631
HS15_serv_inv	BOBJ1	32	67.6533	Before	Left Exterior Girder	11.2333	0.95	1	1	6.796879
HS15_serv_inv	BOBJ1	32	67.6533	Before	Interior Girder 1	11.2333	0.95	1	1	6.808396
HS15_serv_inv	BOBJ1	32	67.6533	Before	Interior Girder 2	11.2333	0.95	1	1	6.375344
HS15_serv_inv	BOBJ1	32	67.6533	Before	Interior Girder 3	11.2333	0.95	1	1	6.36586
HS15_serv_inv	BOBJ1	32	67.6533	Before	Interior Girder 4	11.2333	0.95	1	1	6.36586
HS15_serv_inv	BOBJ1	32	67.6533	Before	Interior Girder 5	11.2333	0.95	1	1	6.375344
HS15_serv_inv	BOBJ1	32	67.6533	Before	Interior Girder 6	11.2333	0.95	1	1	6.808396
HS15_serv_inv	BOBJ1	32	67.6533	Before	Right Exterior Girder	11.2333	0.95	1	1	6.796879
HS15_serv_inv	BOBJ1	33	67.6533	After	Left Exterior Girder	11.2333	0.95	1	1	6.747458
HS15_serv_inv	BOBJ1	33	67.6533	After	Interior Girder 1	11.2333	0.95	1	1	6.857654
HS15_serv_inv	BOBJ1	33	67.6533	After	Interior Girder 2	11.2333	0.95	1	1	6.462493
HS15_serv_inv	BOBJ1	33	67.6533	After	Interior Girder 3	11.2333	0.95	1	1	6.432308
HS15_serv_inv	BOBJ1	33	67.6533	After	Interior Girder 4	11.2333	0.95	1	1	6.432308
HS15_serv_inv	BOBJ1	33	67.6533	After	Interior Girder 5	11.2333	0.95	1	1	6.462493
HS15_serv_inv	BOBJ1	33	67.6533	After	Interior Girder 6	11.2333	0.95	1	1	6.857654
HS15_serv_inv	BOBJ1	33	67.6533	After	Right Exterior Girder	11.2333	0.95	1	1	6.747458
HS15_serv_inv	BOBJ1	34	73.27	Before	Left Exterior Girder	16.85	0.95	1	1	8.255487
HS15_serv_inv	BOBJ1	34	73.27	Before	Interior Girder 1	16.85	0.95	1	1	6.601906
HS15_serv_inv	BOBJ1	34	73.27	Before	Interior Girder 2	16.85	0.95	1	1	6.002723
HS15_serv_inv	BOBJ1	34	73.27	Before	Interior Girder 3	16.85	0.95	1	1	5.791353
HS15_serv_inv	BOBJ1	34	73.27	Before	Interior Girder 4	16.85	0.95	1	1	5.791353
HS15_serv_inv	BOBJ1	34	73.27	Before	Interior Girder 5	16.85	0.95	1	1	6.002723
HS15_serv_inv	BOBJ1	34	73.27	Before	Interior Girder 6	16.85	0.95	1	1	6.601906
HS15_serv_inv	BOBJ1	34	73.27	Before	Right Exterior Girder	16.85	0.95	1	1	8.255487
HS15_serv_inv	BOBJ1	35	73.27	After	Left Exterior Girder	16.85	0.95	1	1	8.383398
HS15_serv_inv	BOBJ1	35	73.27	After	Interior Girder 1	16.85	0.95	1	1	6.547747
HS15_serv_inv	BOBJ1	35	73.27	After	Interior Girder 2	16.85	0.95	1	1	6.012187
HS15_serv_inv	BOBJ1	35	73.27	After	Interior Girder 3	16.85	0.95	1	1	5.86423
HS15_serv_inv	BOBJ1	35	73.27	After	Interior Girder 4	16.85	0.95	1	1	5.86423
HS15_serv_inv	BOBJ1	35	73.27	After	Interior Girder 5	16.85	0.95	1	1	6.012187
HS15_serv_inv	BOBJ1	35	73.27	After	Interior Girder 6	16.85	0.95	1	1	6.547747
HS15_serv_inv	BOBJ1	35	73.27	After	Right Exterior Girder	16.85	0.95	1	1	8.383398
HS15_serv_inv	BOBJ1	36	78.8867	Before	Left Exterior Girder	22.4667	0.95	1	1	5.713008
HS15_serv_inv	BOBJ1	36	78.8867	Before	Interior Girder 1	22.4667	0.95	1	1	4.509068
HS15_serv_inv	BOBJ1	36	78.8867	Before	Interior Girder 2	22.4667	0.95	1	1	4.24712
HS15_serv_inv	BOBJ1	36	78.8867	Before	Interior Girder 3	22.4667	0.95	1	1	4.098611
HS15_serv_inv	BOBJ1	36	78.8867	Before	Interior Girder 4	22.4667	0.95	1	1	4.098611
HS15_serv_inv	BOBJ1	36	78.8867	Before	Interior Girder 5	22.4667	0.95	1	1	4.24712
HS15_serv_inv	BOBJ1	36	78.8867	Before	Interior Girder 6	22.4667	0.95	1	1	4.509068
HS15_serv_inv	BOBJ1	36	78.8867	Before	Right Exterior Girder	22.4667	0.95	1	1	5.713008
HS15_serv_inv	BOBJ1	37	78.8867	After	Left Exterior Girder	22.4667	0.95	1	1	5.804047
HS15_serv_inv	BOBJ1	37	78.8867	After	Interior Girder 1	22.4667	0.95	1	1	4.473366
HS15_serv_inv	BOBJ1	37	78.8867	After	Interior Girder 2	22.4667	0.95	1	1	4.242946
HS15_serv_inv	BOBJ1	37	78.8867	After	Interior Girder 3	22.4667	0.95	1	1	4.139255
HS15_serv_inv	BOBJ1	37	78.8867	After	Interior Girder 4	22.4667	0.95	1	1	4.139255
HS15_serv_inv	BOBJ1	37	78.8867	After	Interior Girder 5	22.4667	0.95	1	1	4.242946
HS15_serv_inv	BOBJ1	37	78.8867	After	Interior Girder 6	22.4667	0.95	1	1	4.473366
HS15_serv_inv	BOBJ1	37	78.8867	After	Right Exterior Girder	22.4667	0.95	1	1	5.804047
HS15_serv_inv	BOBJ1	38	84.5033	Before	Left Exterior Girder	28.0833	0.95	1	1	4.592335
HS15_serv_inv	BOBJ1	38	84.5033	Before	Interior Girder 1	28.0833	0.95	1	1	3.801729
HS15_serv_inv	BOBJ1	38	84.5033	Before	Interior Girder 2	28.0833	0.95	1	1	3.621314
HS15_serv_inv	BOBJ1	38	84.5033	Before	Interior Girder 3	28.0833	0.95	1	1	3.529467
HS15_serv_inv	BOBJ1	38	84.5033	Before	Interior Girder 4	28.0833	0.95	1	1	3.529467
HS15_serv_inv	BOBJ1	38	84.5033	Before	Interior Girder 5	28.0833	0.95	1	1	3.621314
HS15_serv_inv	BOBJ1	38	84.5033	Before	Interior Girder 6	28.0833	0.95	1	1	3.801729
HS15_serv_inv	BOBJ1	38	84.5033	Before	Right Exterior Girder	28.0833	0.95	1	1	4.592335
HS15_serv_inv	BOBJ1	39	84.5033	After	Left Exterior Girder	28.0833	0.95	1	1	4.588378
HS15_serv_inv	BOBJ1	39	84.5033	After	Interior Girder 1	28.0833	0.95	1	1	3.818358
HS15_serv_inv	BOBJ1	39	84.5033	After	Interior Girder 2	28.0833	0.95	1	1	3.646121
HS15_serv_inv	BOBJ1	39	84.5033	After	Interior Girder 3	28.0833	0.95	1	1	3.571152
HS15_serv_inv	BOBJ1	39	84.5033	After	Interior Girder 4	28.0833	0.95	1	1	3.571152
HS15_serv_inv	BOBJ1	39	84.5033	After	Interior Girder 5	28.0833	0.95	1	1	3.646121
HS15_serv_inv	BOBJ1	39	84.5033	After	Interior Girder 6	28.0833	0.95	1	1	3.818358
HS15_serv_inv	BOBJ1	39	84.5033	After	Right Exterior Girder	28.0833	0.95	1	1	4.588378
HS15_serv_inv	BOBJ1	40	90.12	Before	Left Exterior Girder	33.7	0.95	1	1	4.145034
HS15_serv_inv	BOBJ1	40	90.12	Before	Interior Girder 1	33.7	0.95	1	1	3.78919
HS15_serv_inv	BOBJ1	40	90.12	Before	Interior Girder 2	33.7	0.95	1	1	3.61003
HS15_serv_inv	BOBJ1	40	90.12	Before	Interior Girder 3	33.7	0.95	1	1	3.539224
HS15_serv_inv	BOBJ1	40	90.12	Before	Interior Girder 4	33.7	0.95	1	1	3.539224
HS15_serv_inv	BOBJ1	40	90.12	Before	Interior Girder 5	33.7	0.95	1	1	3.61003
HS15_serv_inv	BOBJ1	40	90.12	Before	Interior Girder 6	33.7	0.95	1	1	3.78919
HS15_serv_inv	BOBJ1	40	90.12	Before	Right Exterior Girder	33.7	0.95	1	1	4.145034

TABLE: Bridge Super Rating AASHTORATE18 31 - SteelICompServ-Flx - Approach, Span 12-15										
Request	BridgeObj	BridgeCut	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	Unitless	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
HS15_serv_inv	BOBJ1	41	90.12	After	Left Exterior Girder	33.7	0.95	1	1	4.155381
HS15_serv_inv	BOBJ1	41	90.12	After	Interior Girder 1	33.7	0.95	1	1	3.779947
HS15_serv_inv	BOBJ1	41	90.12	After	Interior Girder 2	33.7	0.95	1	1	3.605225
HS15_serv_inv	BOBJ1	41	90.12	After	Interior Girder 3	33.7	0.95	1	1	3.534155
HS15_serv_inv	BOBJ1	41	90.12	After	Interior Girder 4	33.7	0.95	1	1	3.534155
HS15_serv_inv	BOBJ1	41	90.12	After	Interior Girder 5	33.7	0.95	1	1	3.605225
HS15_serv_inv	BOBJ1	41	90.12	After	Interior Girder 6	33.7	0.95	1	1	3.779947
HS15_serv_inv	BOBJ1	41	90.12	After	Right Exterior Girder	33.7	0.95	1	1	4.155381
HS15_serv_inv	BOBJ1	42	95.7367	Before	Left Exterior Girder	39.3167	0.95	1	1	4.550342
HS15_serv_inv	BOBJ1	42	95.7367	Before	Interior Girder 1	39.3167	0.95	1	1	3.793484
HS15_serv_inv	BOBJ1	42	95.7367	Before	Interior Girder 2	39.3167	0.95	1	1	3.623538
HS15_serv_inv	BOBJ1	42	95.7367	Before	Interior Girder 3	39.3167	0.95	1	1	3.550999
HS15_serv_inv	BOBJ1	42	95.7367	Before	Interior Girder 4	39.3167	0.95	1	1	3.550999
HS15_serv_inv	BOBJ1	42	95.7367	Before	Interior Girder 5	39.3167	0.95	1	1	3.623538
HS15_serv_inv	BOBJ1	42	95.7367	Before	Interior Girder 6	39.3167	0.95	1	1	3.793484
HS15_serv_inv	BOBJ1	42	95.7367	Before	Right Exterior Girder	39.3167	0.95	1	1	4.550342
HS15_serv_inv	BOBJ1	43	95.7367	After	Left Exterior Girder	39.3167	0.95	1	1	4.555652
HS15_serv_inv	BOBJ1	43	95.7367	After	Interior Girder 1	39.3167	0.95	1	1	3.775469
HS15_serv_inv	BOBJ1	43	95.7367	After	Interior Girder 2	39.3167	0.95	1	1	3.599098
HS15_serv_inv	BOBJ1	43	95.7367	After	Interior Girder 3	39.3167	0.95	1	1	3.510868
HS15_serv_inv	BOBJ1	43	95.7367	After	Interior Girder 4	39.3167	0.95	1	1	3.510868
HS15_serv_inv	BOBJ1	43	95.7367	After	Interior Girder 5	39.3167	0.95	1	1	3.599098
HS15_serv_inv	BOBJ1	43	95.7367	After	Interior Girder 6	39.3167	0.95	1	1	3.775469
HS15_serv_inv	BOBJ1	43	95.7367	After	Right Exterior Girder	39.3167	0.95	1	1	4.555652
HS15_serv_inv	BOBJ1	44	101.3533	Before	Left Exterior Girder	44.9333	0.95	1	1	5.668386
HS15_serv_inv	BOBJ1	44	101.3533	Before	Interior Girder 1	44.9333	0.95	1	1	4.417069
HS15_serv_inv	BOBJ1	44	101.3533	Before	Interior Girder 2	44.9333	0.95	1	1	4.19048
HS15_serv_inv	BOBJ1	44	101.3533	Before	Interior Girder 3	44.9333	0.95	1	1	4.098216
HS15_serv_inv	BOBJ1	44	101.3533	Before	Interior Girder 4	44.9333	0.95	1	1	4.098216
HS15_serv_inv	BOBJ1	44	101.3533	Before	Interior Girder 5	44.9333	0.95	1	1	4.19048
HS15_serv_inv	BOBJ1	44	101.3533	Before	Interior Girder 6	44.9333	0.95	1	1	4.417069
HS15_serv_inv	BOBJ1	44	101.3533	Before	Right Exterior Girder	44.9333	0.95	1	1	5.668386
HS15_serv_inv	BOBJ1	45	101.3533	After	Left Exterior Girder	44.9333	0.95	1	1	5.582743
HS15_serv_inv	BOBJ1	45	101.3533	After	Interior Girder 1	44.9333	0.95	1	1	4.450666
HS15_serv_inv	BOBJ1	45	101.3533	After	Interior Girder 2	44.9333	0.95	1	1	4.19637
HS15_serv_inv	BOBJ1	45	101.3533	After	Interior Girder 3	44.9333	0.95	1	1	4.060489
HS15_serv_inv	BOBJ1	45	101.3533	After	Interior Girder 4	44.9333	0.95	1	1	4.060489
HS15_serv_inv	BOBJ1	45	101.3533	After	Interior Girder 5	44.9333	0.95	1	1	4.19637
HS15_serv_inv	BOBJ1	45	101.3533	After	Interior Girder 6	44.9333	0.95	1	1	4.450666
HS15_serv_inv	BOBJ1	45	101.3533	After	Right Exterior Girder	44.9333	0.95	1	1	5.582743
HS15_serv_inv	BOBJ1	46	106.97	Before	Left Exterior Girder	50.55	0.95	1	1	7.479955
HS15_serv_inv	BOBJ1	46	106.97	Before	Interior Girder 1	50.55	0.95	1	1	6.405675
HS15_serv_inv	BOBJ1	46	106.97	Before	Interior Girder 2	50.55	0.95	1	1	5.878494
HS15_serv_inv	BOBJ1	46	106.97	Before	Interior Girder 3	50.55	0.95	1	1	5.758653
HS15_serv_inv	BOBJ1	46	106.97	Before	Interior Girder 4	50.55	0.95	1	1	5.758653
HS15_serv_inv	BOBJ1	46	106.97	Before	Interior Girder 5	50.55	0.95	1	1	5.878494
HS15_serv_inv	BOBJ1	46	106.97	Before	Interior Girder 6	50.55	0.95	1	1	6.405675
HS15_serv_inv	BOBJ1	46	106.97	Before	Right Exterior Girder	50.55	0.95	1	1	7.479955
HS15_serv_inv	BOBJ1	47	106.97	After	Left Exterior Girder	50.55	0.95	1	1	7.534091
HS15_serv_inv	BOBJ1	47	106.97	After	Interior Girder 1	50.55	0.95	1	1	6.411983
HS15_serv_inv	BOBJ1	47	106.97	After	Interior Girder 2	50.55	0.95	1	1	5.849393
HS15_serv_inv	BOBJ1	47	106.97	After	Interior Girder 3	50.55	0.95	1	1	5.670765
HS15_serv_inv	BOBJ1	47	106.97	After	Interior Girder 4	50.55	0.95	1	1	5.670765
HS15_serv_inv	BOBJ1	47	106.97	After	Interior Girder 5	50.55	0.95	1	1	5.849393
HS15_serv_inv	BOBJ1	47	106.97	After	Interior Girder 6	50.55	0.95	1	1	6.411983
HS15_serv_inv	BOBJ1	47	106.97	After	Right Exterior Girder	50.55	0.95	1	1	7.534091
HS15_serv_inv	BOBJ1	48	112.5933	Before	Left Exterior Girder	56.1733	0.95	1	1	5.590352
HS15_serv_inv	BOBJ1	48	112.5933	Before	Interior Girder 1	56.1733	0.95	1	1	5.802112
HS15_serv_inv	BOBJ1	48	112.5933	Before	Interior Girder 2	56.1733	0.95	1	1	5.527398
HS15_serv_inv	BOBJ1	48	112.5933	Before	Interior Girder 3	56.1733	0.95	1	1	5.580957
HS15_serv_inv	BOBJ1	48	112.5933	Before	Interior Girder 4	56.1733	0.95	1	1	5.580957
HS15_serv_inv	BOBJ1	48	112.5933	Before	Interior Girder 5	56.1733	0.95	1	1	5.527398
HS15_serv_inv	BOBJ1	48	112.5933	Before	Interior Girder 6	56.1733	0.95	1	1	5.802112
HS15_serv_inv	BOBJ1	48	112.5933	Before	Right Exterior Girder	56.1733	0.95	1	1	5.590352
HS15_serv_inv	BOBJ1	49	112.5933	After	Left Exterior Girder	56.1733	0.95	1	1	5.627741
HS15_serv_inv	BOBJ1	49	112.5933	After	Interior Girder 1	56.1733	0.95	1	1	5.771775
HS15_serv_inv	BOBJ1	49	112.5933	After	Interior Girder 2	56.1733	0.95	1	1	5.472103
HS15_serv_inv	BOBJ1	49	112.5933	After	Interior Girder 3	56.1733	0.95	1	1	5.537358
HS15_serv_inv	BOBJ1	49	112.5933	After	Interior Girder 4	56.1733	0.95	1	1	5.537358
HS15_serv_inv	BOBJ1	49	112.5933	After	Interior Girder 5	56.1733	0.95	1	1	5.472103
HS15_serv_inv	BOBJ1	49	112.5933	After	Interior Girder 6	56.1733	0.95	1	1	5.771775
HS15_serv_inv	BOBJ1	49	112.5933	After	Right Exterior Girder	56.1733	0.95	1	1	5.627741
HS15_serv_inv	BOBJ1	50	115.3396	Before	Left Exterior Girder	58.9196	0.95	1	1	4.726506

TABLE: Bridge Super Rating AASHTORATE18 31 - SteelICompServ-Flx - Approach, Span 12-15										
Request	BridgeObj	BridgeCut	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	Unitless	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
HS15_serv_inv	BOBJ1	50	115.3396	Before	Right Exterior Girder	58.9196	0.95	1	1	4.726506
HS15_serv_inv	BOBJ1	51	115.3396	After	Left Exterior Girder	58.9196	0.95	1	1	9.998374
HS15_serv_inv	BOBJ1	51	115.3396	After	Right Exterior Girder	58.9196	0.95	1	1	9.998374
HS15_serv_inv	BOBJ1	52	118.2167	Before	Left Exterior Girder	61.7967	0.95	1	1	8.858433
HS15_serv_inv	BOBJ1	52	118.2167	Before	Interior Girder 1	61.9198	0.95	1	1	4.307871
HS15_serv_inv	BOBJ1	52	118.2167	Before	Interior Girder 2	61.9198	0.95	1	1	4.089573
HS15_serv_inv	BOBJ1	52	118.2167	Before	Interior Girder 3	61.9198	0.95	1	1	3.884771
HS15_serv_inv	BOBJ1	52	118.2167	Before	Interior Girder 4	61.9198	0.95	1	1	3.884771
HS15_serv_inv	BOBJ1	52	118.2167	Before	Interior Girder 5	61.9198	0.95	1	1	4.089573
HS15_serv_inv	BOBJ1	52	118.2167	Before	Interior Girder 6	61.9198	0.95	1	1	4.307871
HS15_serv_inv	BOBJ1	52	118.2167	Before	Right Exterior Girder	61.7967	0.95	1	1	8.858433
HS15_serv_inv	BOBJ1	53	118.2167	After	Left Exterior Girder	61.7967	0.95	1	1	8.856956
HS15_serv_inv	BOBJ1	53	118.2167	After	Interior Girder 1	61.9198	0.95	1	1	6.413702
HS15_serv_inv	BOBJ1	53	118.2167	After	Interior Girder 2	61.9198	0.95	1	1	5.954891
HS15_serv_inv	BOBJ1	53	118.2167	After	Interior Girder 3	61.9198	0.95	1	1	5.711788
HS15_serv_inv	BOBJ1	53	118.2167	After	Interior Girder 4	61.9198	0.95	1	1	5.711788
HS15_serv_inv	BOBJ1	53	118.2167	After	Interior Girder 5	61.9198	0.95	1	1	5.954891
HS15_serv_inv	BOBJ1	53	118.2167	After	Interior Girder 6	61.9198	0.95	1	1	6.413702
HS15_serv_inv	BOBJ1	53	118.2167	After	Right Exterior Girder	61.7967	0.95	1	1	8.856956
HS15_serv_inv	BOBJ1	54	123.84	Before	Left Exterior Girder	67.42	0.95	1	1	6.601686
HS15_serv_inv	BOBJ1	54	123.84	Before	Interior Girder 1	67.42	0.95	1	1	4.31446
HS15_serv_inv	BOBJ1	54	123.84	Before	Interior Girder 2	67.42	0.95	1	1	3.955948
HS15_serv_inv	BOBJ1	54	123.84	Before	Interior Girder 3	67.42	0.95	1	1	3.347475
HS15_serv_inv	BOBJ1	54	123.84	Before	Interior Girder 4	67.42	0.95	1	1	3.347475
HS15_serv_inv	BOBJ1	54	123.84	Before	Interior Girder 5	67.42	0.95	1	1	3.955948
HS15_serv_inv	BOBJ1	54	123.84	Before	Interior Girder 6	67.42	0.95	1	1	4.31446
HS15_serv_inv	BOBJ1	54	123.84	Before	Right Exterior Girder	67.42	0.95	1	1	6.601686
HS15_serv_inv	BOBJ1	55	123.84	After	Left Exterior Girder	0	0.95	1	1	6.541787
HS15_serv_inv	BOBJ1	55	123.84	After	Interior Girder 1	0	0.95	1	1	4.320621
HS15_serv_inv	BOBJ1	55	123.84	After	Interior Girder 2	0	0.95	1	1	3.996416
HS15_serv_inv	BOBJ1	55	123.84	After	Interior Girder 3	0	0.95	1	1	3.378212
HS15_serv_inv	BOBJ1	55	123.84	After	Interior Girder 4	0	0.95	1	1	3.378212
HS15_serv_inv	BOBJ1	55	123.84	After	Interior Girder 5	0	0.95	1	1	3.996416
HS15_serv_inv	BOBJ1	55	123.84	After	Interior Girder 6	0	0.95	1	1	4.320621
HS15_serv_inv	BOBJ1	55	123.84	After	Right Exterior Girder	0	0.95	1	1	6.541787
HS15_serv_inv	BOBJ1	56	129.34	Before	Interior Girder 1	5.5	0.95	1	1	6.459132
HS15_serv_inv	BOBJ1	56	129.34	Before	Interior Girder 2	5.5	0.95	1	1	6.036394
HS15_serv_inv	BOBJ1	56	129.34	Before	Interior Girder 3	5.5	0.95	1	1	5.796351
HS15_serv_inv	BOBJ1	56	129.34	Before	Interior Girder 4	5.5	0.95	1	1	5.796351
HS15_serv_inv	BOBJ1	56	129.34	Before	Interior Girder 5	5.5	0.95	1	1	6.036394
HS15_serv_inv	BOBJ1	56	129.34	Before	Interior Girder 6	5.5	0.95	1	1	6.459132
HS15_serv_inv	BOBJ1	57	129.34	After	Interior Girder 1	5.5	0.95	1	1	4.392957
HS15_serv_inv	BOBJ1	57	129.34	After	Interior Girder 2	5.5	0.95	1	1	4.129889
HS15_serv_inv	BOBJ1	57	129.34	After	Interior Girder 3	5.5	0.95	1	1	3.937284
HS15_serv_inv	BOBJ1	57	129.34	After	Interior Girder 4	5.5	0.95	1	1	3.937284
HS15_serv_inv	BOBJ1	57	129.34	After	Interior Girder 5	5.5	0.95	1	1	4.129889
HS15_serv_inv	BOBJ1	57	129.34	After	Interior Girder 6	5.5	0.95	1	1	4.392957
HS15_serv_inv	BOBJ1	58	130.79	Before	Left Exterior Girder	6.95	0.95	1	1	9.414395
HS15_serv_inv	BOBJ1	58	130.79	Before	Interior Girder 1	6.95	0.95	1	1	4.782216
HS15_serv_inv	BOBJ1	58	130.79	Before	Interior Girder 2	6.95	0.95	1	1	4.462886
HS15_serv_inv	BOBJ1	58	130.79	Before	Interior Girder 3	6.95	0.95	1	1	4.348309
HS15_serv_inv	BOBJ1	58	130.79	Before	Interior Girder 4	6.95	0.95	1	1	4.348309
HS15_serv_inv	BOBJ1	58	130.79	Before	Interior Girder 5	6.95	0.95	1	1	4.462886
HS15_serv_inv	BOBJ1	58	130.79	Before	Interior Girder 6	6.95	0.95	1	1	4.782216
HS15_serv_inv	BOBJ1	58	130.79	Before	Right Exterior Girder	6.95	0.95	1	1	9.414395
HS15_serv_inv	BOBJ1	59	130.79	After	Left Exterior Girder	6.95	0.95	1	1	9.493293
HS15_serv_inv	BOBJ1	59	130.79	After	Interior Girder 1	6.95	0.95	1	1	4.759217
HS15_serv_inv	BOBJ1	59	130.79	After	Interior Girder 2	6.95	0.95	1	1	4.500994
HS15_serv_inv	BOBJ1	59	130.79	After	Interior Girder 3	6.95	0.95	1	1	4.375764
HS15_serv_inv	BOBJ1	59	130.79	After	Interior Girder 4	6.95	0.95	1	1	4.375764
HS15_serv_inv	BOBJ1	59	130.79	After	Interior Girder 5	6.95	0.95	1	1	4.500994
HS15_serv_inv	BOBJ1	59	130.79	After	Interior Girder 6	6.95	0.95	1	1	4.759217
HS15_serv_inv	BOBJ1	59	130.79	After	Right Exterior Girder	6.95	0.95	1	1	9.493293
HS15_serv_inv	BOBJ1	60	132.34	Before	Left Exterior Girder	8.5	0.95	1	1	10.176603
HS15_serv_inv	BOBJ1	60	132.34	Before	Right Exterior Girder	8.5	0.95	1	1	10.176603
HS15_serv_inv	BOBJ1	61	132.34	After	Left Exterior Girder	8.5	0.95	1	1	4.757499
HS15_serv_inv	BOBJ1	61	132.34	After	Right Exterior Girder	8.5	0.95	1	1	4.757499
HS15_serv_inv	BOBJ1	62	137.74	Before	Left Exterior Girder	13.9	0.95	1	1	6.549868
HS15_serv_inv	BOBJ1	62	137.74	Before	Interior Girder 1	13.9	0.95	1	1	6.62727
HS15_serv_inv	BOBJ1	62	137.74	Before	Interior Girder 2	13.9	0.95	1	1	6.387249
HS15_serv_inv	BOBJ1	62	137.74	Before	Interior Girder 3	13.9	0.95	1	1	6.669206
HS15_serv_inv	BOBJ1	62	137.74	Before	Interior Girder 4	13.9	0.95	1	1	6.669206
HS15_serv_inv	BOBJ1	62	137.74	Before	Interior Girder 5	13.9	0.95	1	1	6.387249

TABLE: Bridge Super Rating AASHTORATE18 31 - SteelICompServ-Flx - Approach, Span 12-15										
Request	BridgeObj	BridgeCut	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	Unitless	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
HS15_serv_inv	BOBJ1	62	137.74	Before	Interior Girder 6	13.9	0.95	1	1	6.62727
HS15_serv_inv	BOBJ1	62	137.74	Before	Right Exterior Girder	13.9	0.95	1	1	6.549868
HS15_serv_inv	BOBJ1	63	137.74	After	Left Exterior Girder	13.9	0.95	1	1	6.500051
HS15_serv_inv	BOBJ1	63	137.74	After	Interior Girder 1	13.9	0.95	1	1	6.664044
HS15_serv_inv	BOBJ1	63	137.74	After	Interior Girder 2	13.9	0.95	1	1	6.435832
HS15_serv_inv	BOBJ1	63	137.74	After	Interior Girder 3	13.9	0.95	1	1	6.679102
HS15_serv_inv	BOBJ1	63	137.74	After	Interior Girder 4	13.9	0.95	1	1	6.679102
HS15_serv_inv	BOBJ1	63	137.74	After	Interior Girder 5	13.9	0.95	1	1	6.435832
HS15_serv_inv	BOBJ1	63	137.74	After	Interior Girder 6	13.9	0.95	1	1	6.664044
HS15_serv_inv	BOBJ1	63	137.74	After	Right Exterior Girder	13.9	0.95	1	1	6.500051
HS15_serv_inv	BOBJ1	64	143.7733	Before	Left Exterior Girder	19.9333	0.95	1	1	6.623741
HS15_serv_inv	BOBJ1	64	143.7733	Before	Interior Girder 1	19.9333	0.95	1	1	4.962963
HS15_serv_inv	BOBJ1	64	143.7733	Before	Interior Girder 2	19.9333	0.95	1	1	4.656231
HS15_serv_inv	BOBJ1	64	143.7733	Before	Interior Girder 3	19.9333	0.95	1	1	4.496643
HS15_serv_inv	BOBJ1	64	143.7733	Before	Interior Girder 4	19.9333	0.95	1	1	4.496643
HS15_serv_inv	BOBJ1	64	143.7733	Before	Interior Girder 5	19.9333	0.95	1	1	4.656231
HS15_serv_inv	BOBJ1	64	143.7733	Before	Interior Girder 6	19.9333	0.95	1	1	4.962963
HS15_serv_inv	BOBJ1	64	143.7733	Before	Right Exterior Girder	19.9333	0.95	1	1	6.623741
HS15_serv_inv	BOBJ1	65	143.7733	After	Left Exterior Girder	19.9333	0.95	1	1	6.733142
HS15_serv_inv	BOBJ1	65	143.7733	After	Interior Girder 1	19.9333	0.95	1	1	4.916235
HS15_serv_inv	BOBJ1	65	143.7733	After	Interior Girder 2	19.9333	0.95	1	1	4.663078
HS15_serv_inv	BOBJ1	65	143.7733	After	Interior Girder 3	19.9333	0.95	1	1	4.566404
HS15_serv_inv	BOBJ1	65	143.7733	After	Interior Girder 4	19.9333	0.95	1	1	4.566404
HS15_serv_inv	BOBJ1	65	143.7733	After	Interior Girder 5	19.9333	0.95	1	1	4.663078
HS15_serv_inv	BOBJ1	65	143.7733	After	Interior Girder 6	19.9333	0.95	1	1	4.916235
HS15_serv_inv	BOBJ1	65	143.7733	After	Right Exterior Girder	19.9333	0.95	1	1	6.733142
HS15_serv_inv	BOBJ1	66	149.8067	Before	Left Exterior Girder	25.9667	0.95	1	1	4.835439
HS15_serv_inv	BOBJ1	66	149.8067	Before	Interior Girder 1	25.9667	0.95	1	1	3.907089
HS15_serv_inv	BOBJ1	66	149.8067	Before	Interior Girder 2	25.9667	0.95	1	1	3.710171
HS15_serv_inv	BOBJ1	66	149.8067	Before	Interior Girder 3	25.9667	0.95	1	1	3.619255
HS15_serv_inv	BOBJ1	66	149.8067	Before	Interior Girder 4	25.9667	0.95	1	1	3.619255
HS15_serv_inv	BOBJ1	66	149.8067	Before	Interior Girder 5	25.9667	0.95	1	1	3.710171
HS15_serv_inv	BOBJ1	66	149.8067	Before	Interior Girder 6	25.9667	0.95	1	1	3.907089
HS15_serv_inv	BOBJ1	66	149.8067	Before	Right Exterior Girder	25.9667	0.95	1	1	4.835439
HS15_serv_inv	BOBJ1	67	149.8067	After	Left Exterior Girder	25.9667	0.95	1	1	4.832132
HS15_serv_inv	BOBJ1	67	149.8067	After	Interior Girder 1	25.9667	0.95	1	1	3.920018
HS15_serv_inv	BOBJ1	67	149.8067	After	Interior Girder 2	25.9667	0.95	1	1	3.740957
HS15_serv_inv	BOBJ1	67	149.8067	After	Interior Girder 3	25.9667	0.95	1	1	3.677197
HS15_serv_inv	BOBJ1	67	149.8067	After	Interior Girder 4	25.9667	0.95	1	1	3.677197
HS15_serv_inv	BOBJ1	67	149.8067	After	Interior Girder 5	25.9667	0.95	1	1	3.740957
HS15_serv_inv	BOBJ1	67	149.8067	After	Interior Girder 6	25.9667	0.95	1	1	3.920018
HS15_serv_inv	BOBJ1	67	149.8067	After	Right Exterior Girder	25.9667	0.95	1	1	4.832132
HS15_serv_inv	BOBJ1	68	155.84	Before	Left Exterior Girder	32	0.95	1	1	4.099431
HS15_serv_inv	BOBJ1	68	155.84	Before	Interior Girder 1	32	0.95	1	1	3.747454
HS15_serv_inv	BOBJ1	68	155.84	Before	Interior Girder 2	32	0.95	1	1	3.567559
HS15_serv_inv	BOBJ1	68	155.84	Before	Interior Girder 3	32	0.95	1	1	3.503974
HS15_serv_inv	BOBJ1	68	155.84	Before	Interior Girder 4	32	0.95	1	1	3.503974
HS15_serv_inv	BOBJ1	68	155.84	Before	Interior Girder 5	32	0.95	1	1	3.567559
HS15_serv_inv	BOBJ1	68	155.84	Before	Interior Girder 6	32	0.95	1	1	3.747454
HS15_serv_inv	BOBJ1	68	155.84	Before	Right Exterior Girder	32	0.95	1	1	4.099431
HS15_serv_inv	BOBJ1	69	155.84	After	Left Exterior Girder	32	0.95	1	1	4.113498
HS15_serv_inv	BOBJ1	69	155.84	After	Interior Girder 1	32	0.95	1	1	3.740899
HS15_serv_inv	BOBJ1	69	155.84	After	Interior Girder 2	32	0.95	1	1	3.564172
HS15_serv_inv	BOBJ1	69	155.84	After	Interior Girder 3	32	0.95	1	1	3.512875
HS15_serv_inv	BOBJ1	69	155.84	After	Interior Girder 4	32	0.95	1	1	3.512875
HS15_serv_inv	BOBJ1	69	155.84	After	Interior Girder 5	32	0.95	1	1	3.564172
HS15_serv_inv	BOBJ1	69	155.84	After	Interior Girder 6	32	0.95	1	1	3.740899
HS15_serv_inv	BOBJ1	69	155.84	After	Right Exterior Girder	32	0.95	1	1	4.113498
HS15_serv_inv	BOBJ1	70	161.8733	Before	Left Exterior Girder	38.0333	0.95	1	1	4.40879
HS15_serv_inv	BOBJ1	70	161.8733	Before	Interior Girder 1	38.0333	0.95	1	1	3.666342
HS15_serv_inv	BOBJ1	70	161.8733	Before	Interior Girder 2	38.0333	0.95	1	1	3.497725
HS15_serv_inv	BOBJ1	70	161.8733	Before	Interior Girder 3	38.0333	0.95	1	1	3.428202
HS15_serv_inv	BOBJ1	70	161.8733	Before	Interior Girder 4	38.0333	0.95	1	1	3.428202
HS15_serv_inv	BOBJ1	70	161.8733	Before	Interior Girder 5	38.0333	0.95	1	1	3.497725
HS15_serv_inv	BOBJ1	70	161.8733	Before	Interior Girder 6	38.0333	0.95	1	1	3.666342
HS15_serv_inv	BOBJ1	70	161.8733	Before	Right Exterior Girder	38.0333	0.95	1	1	4.40879
HS15_serv_inv	BOBJ1	71	161.8733	After	Left Exterior Girder	38.0333	0.95	1	1	4.419813
HS15_serv_inv	BOBJ1	71	161.8733	After	Interior Girder 1	38.0333	0.95	1	1	3.643468
HS15_serv_inv	BOBJ1	71	161.8733	After	Interior Girder 2	38.0333	0.95	1	1	3.47154
HS15_serv_inv	BOBJ1	71	161.8733	After	Interior Girder 3	38.0333	0.95	1	1	3.384906
HS15_serv_inv	BOBJ1	71	161.8733	After	Interior Girder 4	38.0333	0.95	1	1	3.384906
HS15_serv_inv	BOBJ1	71	161.8733	After	Interior Girder 5	38.0333	0.95	1	1	3.47154
HS15_serv_inv	BOBJ1	71	161.8733	After	Interior Girder 6	38.0333	0.95	1	1	3.643468

TABLE: Bridge Super Rating AASHTORATE18 31 - SteelICompServ-Flx - Approach, Span 12-15										
Request	BridgeObj	BridgeCut	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	Unitless	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
HS15_serv_inv	BOBJ1	71	161.8733	After	Right Exterior Girder	38.0333	0.95	1	1	4.419813
HS15_serv_inv	BOBJ1	72	167.9067	Before	Left Exterior Girder	44.0667	0.95	1	1	5.434824
HS15_serv_inv	BOBJ1	72	167.9067	Before	Interior Girder 1	44.0667	0.95	1	1	4.211985
HS15_serv_inv	BOBJ1	72	167.9067	Before	Interior Girder 2	44.0667	0.95	1	1	3.990664
HS15_serv_inv	BOBJ1	72	167.9067	Before	Interior Girder 3	44.0667	0.95	1	1	3.903428
HS15_serv_inv	BOBJ1	72	167.9067	Before	Interior Girder 4	44.0667	0.95	1	1	3.903428
HS15_serv_inv	BOBJ1	72	167.9067	Before	Interior Girder 5	44.0667	0.95	1	1	3.990664
HS15_serv_inv	BOBJ1	72	167.9067	Before	Interior Girder 6	44.0667	0.95	1	1	4.211985
HS15_serv_inv	BOBJ1	72	167.9067	Before	Right Exterior Girder	44.0667	0.95	1	1	5.434824
HS15_serv_inv	BOBJ1	73	167.9067	After	Left Exterior Girder	44.0667	0.95	1	1	5.349431
HS15_serv_inv	BOBJ1	73	167.9067	After	Interior Girder 1	44.0667	0.95	1	1	4.245304
HS15_serv_inv	BOBJ1	73	167.9067	After	Interior Girder 2	44.0667	0.95	1	1	3.996293
HS15_serv_inv	BOBJ1	73	167.9067	After	Interior Girder 3	44.0667	0.95	1	1	3.863664
HS15_serv_inv	BOBJ1	73	167.9067	After	Interior Girder 4	44.0667	0.95	1	1	3.863664
HS15_serv_inv	BOBJ1	73	167.9067	After	Interior Girder 5	44.0667	0.95	1	1	3.996293
HS15_serv_inv	BOBJ1	73	167.9067	After	Interior Girder 6	44.0667	0.95	1	1	4.245304
HS15_serv_inv	BOBJ1	73	167.9067	After	Right Exterior Girder	44.0667	0.95	1	1	5.349431
HS15_serv_inv	BOBJ1	74	173.94	Before	Left Exterior Girder	50.1	0.95	1	1	7.668931
HS15_serv_inv	BOBJ1	74	173.94	Before	Interior Girder 1	50.1	0.95	1	1	6.15739
HS15_serv_inv	BOBJ1	74	173.94	Before	Interior Girder 2	50.1	0.95	1	1	5.62877
HS15_serv_inv	BOBJ1	74	173.94	Before	Interior Girder 3	50.1	0.95	1	1	5.49085
HS15_serv_inv	BOBJ1	74	173.94	Before	Interior Girder 4	50.1	0.95	1	1	5.49085
HS15_serv_inv	BOBJ1	74	173.94	Before	Interior Girder 5	50.1	0.95	1	1	5.62877
HS15_serv_inv	BOBJ1	74	173.94	Before	Interior Girder 6	50.1	0.95	1	1	6.15739
HS15_serv_inv	BOBJ1	74	173.94	Before	Right Exterior Girder	50.1	0.95	1	1	7.668931
HS15_serv_inv	BOBJ1	75	173.94	After	Left Exterior Girder	50.1	0.95	1	1	7.611374
HS15_serv_inv	BOBJ1	75	173.94	After	Interior Girder 1	50.1	0.95	1	1	6.162379
HS15_serv_inv	BOBJ1	75	173.94	After	Interior Girder 2	50.1	0.95	1	1	5.601456
HS15_serv_inv	BOBJ1	75	173.94	After	Interior Girder 3	50.1	0.95	1	1	5.42129
HS15_serv_inv	BOBJ1	75	173.94	After	Interior Girder 4	50.1	0.95	1	1	5.42129
HS15_serv_inv	BOBJ1	75	173.94	After	Interior Girder 5	50.1	0.95	1	1	5.601456
HS15_serv_inv	BOBJ1	75	173.94	After	Interior Girder 6	50.1	0.95	1	1	6.162379
HS15_serv_inv	BOBJ1	75	173.94	After	Right Exterior Girder	50.1	0.95	1	1	7.611374
HS15_serv_inv	BOBJ1	76	179.98	Before	Left Exterior Girder	56.14	0.95	1	1	7.478321
HS15_serv_inv	BOBJ1	76	179.98	Before	Interior Girder 1	56.14	0.95	1	1	7.502696
HS15_serv_inv	BOBJ1	76	179.98	Before	Interior Girder 2	56.14	0.95	1	1	7.06838
HS15_serv_inv	BOBJ1	76	179.98	Before	Interior Girder 3	56.14	0.95	1	1	7.037354
HS15_serv_inv	BOBJ1	76	179.98	Before	Interior Girder 4	56.14	0.95	1	1	7.037354
HS15_serv_inv	BOBJ1	76	179.98	Before	Interior Girder 5	56.14	0.95	1	1	7.06838
HS15_serv_inv	BOBJ1	76	179.98	Before	Interior Girder 6	56.14	0.95	1	1	7.502696
HS15_serv_inv	BOBJ1	76	179.98	Before	Right Exterior Girder	56.14	0.95	1	1	7.478321
HS15_serv_inv	BOBJ1	77	179.98	After	Left Exterior Girder	56.14	0.95	1	1	7.535079
HS15_serv_inv	BOBJ1	77	179.98	After	Interior Girder 1	56.14	0.95	1	1	7.454124
HS15_serv_inv	BOBJ1	77	179.98	After	Interior Girder 2	56.14	0.95	1	1	6.960103
HS15_serv_inv	BOBJ1	77	179.98	After	Interior Girder 3	56.14	0.95	1	1	6.9474
HS15_serv_inv	BOBJ1	77	179.98	After	Interior Girder 4	56.14	0.95	1	1	6.9474
HS15_serv_inv	BOBJ1	77	179.98	After	Interior Girder 5	56.14	0.95	1	1	6.960103
HS15_serv_inv	BOBJ1	77	179.98	After	Interior Girder 6	56.14	0.95	1	1	7.454124
HS15_serv_inv	BOBJ1	77	179.98	After	Right Exterior Girder	56.14	0.95	1	1	7.535079
HS15_serv_inv	BOBJ1	78	183.56	Before	Left Exterior Girder	59.72	0.95	1	1	6.057189
HS15_serv_inv	BOBJ1	78	183.56	Before	Right Exterior Girder	59.72	0.95	1	1	6.057189
HS15_serv_inv	BOBJ1	79	183.56	After	Left Exterior Girder	59.72	0.95	1	1	13.746418
HS15_serv_inv	BOBJ1	79	183.56	After	Right Exterior Girder	59.72	0.95	1	1	13.746418
HS15_serv_inv	BOBJ1	80	186.02	Before	Left Exterior Girder	62.18	0.95	1	1	12.429277
HS15_serv_inv	BOBJ1	80	186.02	Before	Interior Girder 1	62.22	0.95	1	1	5.426387
HS15_serv_inv	BOBJ1	80	186.02	Before	Interior Girder 2	62.22	0.95	1	1	5.105691
HS15_serv_inv	BOBJ1	80	186.02	Before	Interior Girder 3	62.22	0.95	1	1	4.751741
HS15_serv_inv	BOBJ1	80	186.02	Before	Interior Girder 4	62.22	0.95	1	1	4.751741
HS15_serv_inv	BOBJ1	80	186.02	Before	Interior Girder 5	62.22	0.95	1	1	5.105691
HS15_serv_inv	BOBJ1	80	186.02	Before	Interior Girder 6	62.22	0.95	1	1	5.426387
HS15_serv_inv	BOBJ1	80	186.02	Before	Right Exterior Girder	62.18	0.95	1	1	12.429277
HS15_serv_inv	BOBJ1	81	186.02	After	Left Exterior Girder	62.18	0.95	1	1	12.493778
HS15_serv_inv	BOBJ1	81	186.02	After	Interior Girder 1	62.22	0.95	1	1	8.5116
HS15_serv_inv	BOBJ1	81	186.02	After	Interior Girder 2	62.22	0.95	1	1	7.807707
HS15_serv_inv	BOBJ1	81	186.02	After	Interior Girder 3	62.22	0.95	1	1	7.341138
HS15_serv_inv	BOBJ1	81	186.02	After	Interior Girder 4	62.22	0.95	1	1	7.341138
HS15_serv_inv	BOBJ1	81	186.02	After	Interior Girder 5	62.22	0.95	1	1	7.807707
HS15_serv_inv	BOBJ1	81	186.02	After	Interior Girder 6	62.22	0.95	1	1	8.5116
HS15_serv_inv	BOBJ1	81	186.02	After	Right Exterior Girder	62.18	0.95	1	1	12.493778
HS15_serv_inv	BOBJ1	82	192.06	Before	Left Exterior Girder	68.22	0.95	1	1	6.545617
HS15_serv_inv	BOBJ1	82	192.06	Before	Interior Girder 1	68.22	0.95	1	1	4.200903
HS15_serv_inv	BOBJ1	82	192.06	Before	Interior Girder 2	68.22	0.95	1	1	3.949704
HS15_serv_inv	BOBJ1	82	192.06	Before	Interior Girder 3	68.22	0.95	1	1	3.408681

TABLE: Bridge Super Rating AASHTORATE18 31 - SteelICompServ-Flx - Approach, Span 12-15										
Request	BridgeObj	BridgeCut	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	Unitless	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
HS15_serv_inv	BOBJ1	82	192.06	Before	Interior Girder 4	68.22	0.95	1	1	3.408681
HS15_serv_inv	BOBJ1	82	192.06	Before	Interior Girder 5	68.22	0.95	1	1	3.949704
HS15_serv_inv	BOBJ1	82	192.06	Before	Interior Girder 6	68.22	0.95	1	1	4.200903
HS15_serv_inv	BOBJ1	82	192.06	Before	Right Exterior Girder	68.22	0.95	1	1	6.545617
HS15_serv_inv	BOBJ1	83	192.06	After	Left Exterior Girder	0	0.95	1	1	6.292485
HS15_serv_inv	BOBJ1	83	192.06	After	Interior Girder 1	0	0.95	1	1	4.689856
HS15_serv_inv	BOBJ1	83	192.06	After	Interior Girder 2	0	0.95	1	1	4.323095
HS15_serv_inv	BOBJ1	83	192.06	After	Interior Girder 3	0	0.95	1	1	3.722211
HS15_serv_inv	BOBJ1	83	192.06	After	Interior Girder 4	0	0.95	1	1	3.722211
HS15_serv_inv	BOBJ1	83	192.06	After	Interior Girder 5	0	0.95	1	1	4.323095
HS15_serv_inv	BOBJ1	83	192.06	After	Interior Girder 6	0	0.95	1	1	4.689856
HS15_serv_inv	BOBJ1	83	192.06	After	Right Exterior Girder	0	0.95	1	1	6.292485
HS15_serv_inv	BOBJ1	84	197.087	Before	Interior Girder 1	5.027	0.95	1	1	6.026336
HS15_serv_inv	BOBJ1	84	197.087	Before	Interior Girder 2	5.027	0.95	1	1	5.619657
HS15_serv_inv	BOBJ1	84	197.087	Before	Interior Girder 3	5.027	0.95	1	1	5.515994
HS15_serv_inv	BOBJ1	84	197.087	Before	Interior Girder 4	5.027	0.95	1	1	5.515994
HS15_serv_inv	BOBJ1	84	197.087	Before	Interior Girder 5	5.027	0.95	1	1	5.619657
HS15_serv_inv	BOBJ1	84	197.087	Before	Interior Girder 6	5.027	0.95	1	1	6.026336
HS15_serv_inv	BOBJ1	85	197.087	After	Interior Girder 1	5.027	0.95	1	1	3.834892
HS15_serv_inv	BOBJ1	85	197.087	After	Interior Girder 2	5.027	0.95	1	1	3.58409
HS15_serv_inv	BOBJ1	85	197.087	After	Interior Girder 3	5.027	0.95	1	1	3.502628
HS15_serv_inv	BOBJ1	85	197.087	After	Interior Girder 4	5.027	0.95	1	1	3.502628
HS15_serv_inv	BOBJ1	85	197.087	After	Interior Girder 5	5.027	0.95	1	1	3.58409
HS15_serv_inv	BOBJ1	85	197.087	After	Interior Girder 6	5.027	0.95	1	1	3.834892
HS15_serv_inv	BOBJ1	86	197.91	Before	Left Exterior Girder	5.85	0.95	1	1	8.35008
HS15_serv_inv	BOBJ1	86	197.91	Before	Interior Girder 1	5.85	0.95	1	1	4.025602
HS15_serv_inv	BOBJ1	86	197.91	Before	Interior Girder 2	5.85	0.95	1	1	3.738566
HS15_serv_inv	BOBJ1	86	197.91	Before	Interior Girder 3	5.85	0.95	1	1	3.714025
HS15_serv_inv	BOBJ1	86	197.91	Before	Interior Girder 4	5.85	0.95	1	1	3.714025
HS15_serv_inv	BOBJ1	86	197.91	Before	Interior Girder 5	5.85	0.95	1	1	3.738566
HS15_serv_inv	BOBJ1	86	197.91	Before	Interior Girder 6	5.85	0.95	1	1	4.025602
HS15_serv_inv	BOBJ1	86	197.91	Before	Right Exterior Girder	5.85	0.95	1	1	8.35008
HS15_serv_inv	BOBJ1	87	197.91	After	Left Exterior Girder	5.85	0.95	1	1	8.397719
HS15_serv_inv	BOBJ1	87	197.91	After	Interior Girder 1	5.85	0.95	1	1	4.02551
HS15_serv_inv	BOBJ1	87	197.91	After	Interior Girder 2	5.85	0.95	1	1	3.765915
HS15_serv_inv	BOBJ1	87	197.91	After	Interior Girder 3	5.85	0.95	1	1	3.717185
HS15_serv_inv	BOBJ1	87	197.91	After	Interior Girder 4	5.85	0.95	1	1	3.717185
HS15_serv_inv	BOBJ1	87	197.91	After	Interior Girder 5	5.85	0.95	1	1	3.765915
HS15_serv_inv	BOBJ1	87	197.91	After	Interior Girder 6	5.85	0.95	1	1	4.02551
HS15_serv_inv	BOBJ1	87	197.91	After	Right Exterior Girder	5.85	0.95	1	1	8.397719
HS15_serv_inv	BOBJ1	88	199.1816	Before	Left Exterior Girder	7.1216	0.95	1	1	8.865166
HS15_serv_inv	BOBJ1	88	199.1816	Before	Right Exterior Girder	7.1216	0.95	1	1	8.865166
HS15_serv_inv	BOBJ1	89	199.1816	After	Left Exterior Girder	7.1216	0.95	1	1	3.819184
HS15_serv_inv	BOBJ1	89	199.1816	After	Right Exterior Girder	7.1216	0.95	1	1	3.819184
HS15_serv_inv	BOBJ1	90	203.5267	Before	Left Exterior Girder	11.3107	0.95	1	1	5.038141
HS15_serv_inv	BOBJ1	90	203.5267	Before	Interior Girder 1	11.3107	0.95	1	1	5.330401
HS15_serv_inv	BOBJ1	90	203.5267	Before	Interior Girder 2	11.3107	0.95	1	1	5.018912
HS15_serv_inv	BOBJ1	90	203.5267	Before	Interior Girder 3	11.3107	0.95	1	1	5.171291
HS15_serv_inv	BOBJ1	90	203.5267	Before	Interior Girder 4	11.3107	0.95	1	1	5.171291
HS15_serv_inv	BOBJ1	90	203.5267	Before	Interior Girder 5	11.3107	0.95	1	1	5.018912
HS15_serv_inv	BOBJ1	90	203.5267	Before	Interior Girder 6	11.3107	0.95	1	1	5.330401
HS15_serv_inv	BOBJ1	90	203.5267	Before	Right Exterior Girder	11.3107	0.95	1	1	5.038141
HS15_serv_inv	BOBJ1	91	203.5267	After	Left Exterior Girder	11.3107	0.95	1	1	8.032919
HS15_serv_inv	BOBJ1	91	203.5267	After	Interior Girder 1	11.3107	0.95	1	1	8.369726
HS15_serv_inv	BOBJ1	91	203.5267	After	Interior Girder 2	11.3107	0.95	1	1	7.980543
HS15_serv_inv	BOBJ1	91	203.5267	After	Interior Girder 3	11.3107	0.95	1	1	8.16754
HS15_serv_inv	BOBJ1	91	203.5267	After	Interior Girder 4	11.3107	0.95	1	1	8.16754
HS15_serv_inv	BOBJ1	91	203.5267	After	Interior Girder 5	11.3107	0.95	1	1	7.980543
HS15_serv_inv	BOBJ1	91	203.5267	After	Interior Girder 6	11.3107	0.95	1	1	8.369726
HS15_serv_inv	BOBJ1	91	203.5267	After	Right Exterior Girder	11.3107	0.95	1	1	8.032919
HS15_serv_inv	BOBJ1	92	209.1433	Before	Left Exterior Girder	17.0833	0.95	1	1	8.879494
HS15_serv_inv	BOBJ1	92	209.1433	Before	Interior Girder 1	17.0833	0.95	1	1	7.161682
HS15_serv_inv	BOBJ1	92	209.1433	Before	Interior Girder 2	17.0833	0.95	1	1	6.652379
HS15_serv_inv	BOBJ1	92	209.1433	Before	Interior Girder 3	17.0833	0.95	1	1	6.497166
HS15_serv_inv	BOBJ1	92	209.1433	Before	Interior Girder 4	17.0833	0.95	1	1	6.497166
HS15_serv_inv	BOBJ1	92	209.1433	Before	Interior Girder 5	17.0833	0.95	1	1	6.652379
HS15_serv_inv	BOBJ1	92	209.1433	Before	Interior Girder 6	17.0833	0.95	1	1	7.161682
HS15_serv_inv	BOBJ1	92	209.1433	Before	Right Exterior Girder	17.0833	0.95	1	1	8.879494
HS15_serv_inv	BOBJ1	93	209.1433	After	Left Exterior Girder	17.0833	0.95	1	1	8.747212
HS15_serv_inv	BOBJ1	93	209.1433	After	Interior Girder 1	17.0833	0.95	1	1	7.214818
HS15_serv_inv	BOBJ1	93	209.1433	After	Interior Girder 2	17.0833	0.95	1	1	6.746934
HS15_serv_inv	BOBJ1	93	209.1433	After	Interior Girder 3	17.0833	0.95	1	1	6.6398
HS15_serv_inv	BOBJ1	93	209.1433	After	Interior Girder 4	17.0833	0.95	1	1	6.6398

TABLE: Bridge Super Rating AASHTORATE18 31 - SteelICompServ-Flx - Approach, Span 12-15										
Request	BridgeObj	BridgeCut	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	Unitless	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
HS15_serv_inv	BOBJ1	93	209.1433	After	Interior Girder 5	17.0833	0.95	1	1	6.746934
HS15_serv_inv	BOBJ1	93	209.1433	After	Interior Girder 6	17.0833	0.95	1	1	7.214818
HS15_serv_inv	BOBJ1	93	209.1433	After	Right Exterior Girder	17.0833	0.95	1	1	8.747212
HS15_serv_inv	BOBJ1	94	214.76	Before	Left Exterior Girder	22.7	0.95	1	1	6.604286
HS15_serv_inv	BOBJ1	94	214.76	Before	Interior Girder 1	22.7	0.95	1	1	5.722952
HS15_serv_inv	BOBJ1	94	214.76	Before	Interior Girder 2	22.7	0.95	1	1	5.344568
HS15_serv_inv	BOBJ1	94	214.76	Before	Interior Girder 3	22.7	0.95	1	1	5.23168
HS15_serv_inv	BOBJ1	94	214.76	Before	Interior Girder 4	22.7	0.95	1	1	5.23168
HS15_serv_inv	BOBJ1	94	214.76	Before	Interior Girder 5	22.7	0.95	1	1	5.344568
HS15_serv_inv	BOBJ1	94	214.76	Before	Interior Girder 6	22.7	0.95	1	1	5.722952
HS15_serv_inv	BOBJ1	94	214.76	Before	Right Exterior Girder	22.7	0.95	1	1	6.604286
HS15_serv_inv	BOBJ1	95	214.76	After	Left Exterior Girder	22.7	0.95	1	1	6.603766
HS15_serv_inv	BOBJ1	95	214.76	After	Interior Girder 1	22.7	0.95	1	1	5.709529
HS15_serv_inv	BOBJ1	95	214.76	After	Interior Girder 2	22.7	0.95	1	1	5.365332
HS15_serv_inv	BOBJ1	95	214.76	After	Interior Girder 3	22.7	0.95	1	1	5.274358
HS15_serv_inv	BOBJ1	95	214.76	After	Interior Girder 4	22.7	0.95	1	1	5.274358
HS15_serv_inv	BOBJ1	95	214.76	After	Interior Girder 5	22.7	0.95	1	1	5.365332
HS15_serv_inv	BOBJ1	95	214.76	After	Interior Girder 6	22.7	0.95	1	1	5.709529
HS15_serv_inv	BOBJ1	95	214.76	After	Right Exterior Girder	22.7	0.95	1	1	6.603766
HS15_serv_inv	BOBJ1	96	220.3767	Before	Left Exterior Girder	28.3167	0.95	1	1	6.13982
HS15_serv_inv	BOBJ1	96	220.3767	Before	Interior Girder 1	28.3167	0.95	1	1	4.875404
HS15_serv_inv	BOBJ1	96	220.3767	Before	Interior Girder 2	28.3167	0.95	1	1	4.605576
HS15_serv_inv	BOBJ1	96	220.3767	Before	Interior Girder 3	28.3167	0.95	1	1	4.461199
HS15_serv_inv	BOBJ1	96	220.3767	Before	Interior Girder 4	28.3167	0.95	1	1	4.461199
HS15_serv_inv	BOBJ1	96	220.3767	Before	Interior Girder 5	28.3167	0.95	1	1	4.605576
HS15_serv_inv	BOBJ1	96	220.3767	Before	Interior Girder 6	28.3167	0.95	1	1	4.875404
HS15_serv_inv	BOBJ1	96	220.3767	Before	Right Exterior Girder	28.3167	0.95	1	1	6.13982
HS15_serv_inv	BOBJ1	97	220.3767	After	Left Exterior Girder	28.3167	0.95	1	1	6.174215
HS15_serv_inv	BOBJ1	97	220.3767	After	Interior Girder 1	28.3167	0.95	1	1	4.867421
HS15_serv_inv	BOBJ1	97	220.3767	After	Interior Girder 2	28.3167	0.95	1	1	4.60755
HS15_serv_inv	BOBJ1	97	220.3767	After	Interior Girder 3	28.3167	0.95	1	1	4.485162
HS15_serv_inv	BOBJ1	97	220.3767	After	Interior Girder 4	28.3167	0.95	1	1	4.485162
HS15_serv_inv	BOBJ1	97	220.3767	After	Interior Girder 5	28.3167	0.95	1	1	4.60755
HS15_serv_inv	BOBJ1	97	220.3767	After	Interior Girder 6	28.3167	0.95	1	1	4.867421
HS15_serv_inv	BOBJ1	97	220.3767	After	Right Exterior Girder	28.3167	0.95	1	1	6.174215
HS15_serv_inv	BOBJ1	98	225.9933	Before	Left Exterior Girder	33.9333	0.95	1	1	5.930713
HS15_serv_inv	BOBJ1	98	225.9933	Before	Interior Girder 1	33.9333	0.95	1	1	4.684275
HS15_serv_inv	BOBJ1	98	225.9933	Before	Interior Girder 2	33.9333	0.95	1	1	4.453559
HS15_serv_inv	BOBJ1	98	225.9933	Before	Interior Girder 3	33.9333	0.95	1	1	4.326228
HS15_serv_inv	BOBJ1	98	225.9933	Before	Interior Girder 4	33.9333	0.95	1	1	4.326228
HS15_serv_inv	BOBJ1	98	225.9933	Before	Interior Girder 5	33.9333	0.95	1	1	4.453559
HS15_serv_inv	BOBJ1	98	225.9933	Before	Interior Girder 6	33.9333	0.95	1	1	4.684275
HS15_serv_inv	BOBJ1	98	225.9933	Before	Right Exterior Girder	33.9333	0.95	1	1	5.930713
HS15_serv_inv	BOBJ1	99	225.9933	After	Left Exterior Girder	33.9333	0.95	1	1	5.889341
HS15_serv_inv	BOBJ1	99	225.9933	After	Interior Girder 1	33.9333	0.95	1	1	4.698348
HS15_serv_inv	BOBJ1	99	225.9933	After	Interior Girder 2	33.9333	0.95	1	1	4.446762
HS15_serv_inv	BOBJ1	99	225.9933	After	Interior Girder 3	33.9333	0.95	1	1	4.30453
HS15_serv_inv	BOBJ1	99	225.9933	After	Interior Girder 4	33.9333	0.95	1	1	4.30453
HS15_serv_inv	BOBJ1	99	225.9933	After	Interior Girder 5	33.9333	0.95	1	1	4.446762
HS15_serv_inv	BOBJ1	99	225.9933	After	Interior Girder 6	33.9333	0.95	1	1	4.698348
HS15_serv_inv	BOBJ1	99	225.9933	After	Right Exterior Girder	33.9333	0.95	1	1	5.889341
HS15_serv_inv	BOBJ1	100	231.61	Before	Left Exterior Girder	39.55	0.95	1	1	6.242019
HS15_serv_inv	BOBJ1	100	231.61	Before	Interior Girder 1	39.55	0.95	1	1	5.215673
HS15_serv_inv	BOBJ1	100	231.61	Before	Interior Girder 2	39.55	0.95	1	1	4.915797
HS15_serv_inv	BOBJ1	100	231.61	Before	Interior Girder 3	39.55	0.95	1	1	4.779597
HS15_serv_inv	BOBJ1	100	231.61	Before	Interior Girder 4	39.55	0.95	1	1	4.779597
HS15_serv_inv	BOBJ1	100	231.61	Before	Interior Girder 5	39.55	0.95	1	1	4.915797
HS15_serv_inv	BOBJ1	100	231.61	Before	Interior Girder 6	39.55	0.95	1	1	5.215673
HS15_serv_inv	BOBJ1	100	231.61	Before	Right Exterior Girder	39.55	0.95	1	1	6.242019
HS15_serv_inv	BOBJ1	101	231.61	After	Left Exterior Girder	39.55	0.95	1	1	6.229063
HS15_serv_inv	BOBJ1	101	231.61	After	Interior Girder 1	39.55	0.95	1	1	5.21498
HS15_serv_inv	BOBJ1	101	231.61	After	Interior Girder 2	39.55	0.95	1	1	4.873785
HS15_serv_inv	BOBJ1	101	231.61	After	Interior Girder 3	39.55	0.95	1	1	4.711092
HS15_serv_inv	BOBJ1	101	231.61	After	Interior Girder 4	39.55	0.95	1	1	4.711092
HS15_serv_inv	BOBJ1	101	231.61	After	Interior Girder 5	39.55	0.95	1	1	4.873785
HS15_serv_inv	BOBJ1	101	231.61	After	Interior Girder 6	39.55	0.95	1	1	5.21498
HS15_serv_inv	BOBJ1	101	231.61	After	Right Exterior Girder	39.55	0.95	1	1	6.229063
HS15_serv_inv	BOBJ1	102	237.37	Before	Left Exterior Girder	45.31	0.95	1	1	8.196745
HS15_serv_inv	BOBJ1	102	237.37	Before	Interior Girder 1	45.31	0.95	1	1	6.123767
HS15_serv_inv	BOBJ1	102	237.37	Before	Interior Girder 2	45.31	0.95	1	1	5.791422
HS15_serv_inv	BOBJ1	102	237.37	Before	Interior Girder 3	45.31	0.95	1	1	5.541302
HS15_serv_inv	BOBJ1	102	237.37	Before	Interior Girder 4	45.31	0.95	1	1	5.541302
HS15_serv_inv	BOBJ1	102	237.37	Before	Interior Girder 5	45.31	0.95	1	1	5.791422

TABLE: Bridge Super Rating AASHTORATE18 31 - SteelICompServ-Flx - Approach, Span 12-15										
Request	BridgeObj	BridgeCut	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	Unitless	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
HS15_serv_inv	BOBJ1	102	237.37	Before	Interior Girder 6	45.31	0.95	1	1	6.123767
HS15_serv_inv	BOBJ1	102	237.37	Before	Right Exterior Girder	45.31	0.95	1	1	8.196745
HS15_serv_inv	BOBJ1	103	237.37	After	Left Exterior Girder	45.31	0.95	1	1	8.290088
HS15_serv_inv	BOBJ1	103	237.37	After	Interior Girder 1	45.31	0.95	1	1	6.086969
HS15_serv_inv	BOBJ1	103	237.37	After	Interior Girder 2	45.31	0.95	1	1	5.672167
HS15_serv_inv	BOBJ1	103	237.37	After	Interior Girder 3	45.31	0.95	1	1	5.347598
HS15_serv_inv	BOBJ1	103	237.37	After	Interior Girder 4	45.31	0.95	1	1	5.347598
HS15_serv_inv	BOBJ1	103	237.37	After	Interior Girder 5	45.31	0.95	1	1	5.672167
HS15_serv_inv	BOBJ1	103	237.37	After	Interior Girder 6	45.31	0.95	1	1	6.086969
HS15_serv_inv	BOBJ1	103	237.37	After	Right Exterior Girder	45.31	0.95	1	1	8.290088
HS15_serv_inv	BOBJ1	104	243.13	Before	Left Exterior Girder	51.07	0.95	1	1	14.668719
HS15_serv_inv	BOBJ1	104	243.13	Before	Interior Girder 1	51.07	0.95	1	1	10.015363
HS15_serv_inv	BOBJ1	104	243.13	Before	Interior Girder 2	51.07	0.95	1	1	9.494741
HS15_serv_inv	BOBJ1	104	243.13	Before	Interior Girder 3	51.07	0.95	1	1	8.465983
HS15_serv_inv	BOBJ1	104	243.13	Before	Interior Girder 4	51.07	0.95	1	1	8.465983
HS15_serv_inv	BOBJ1	104	243.13	Before	Interior Girder 5	51.07	0.95	1	1	9.494741
HS15_serv_inv	BOBJ1	104	243.13	Before	Interior Girder 6	51.07	0.95	1	1	10.015363
HS15_serv_inv	BOBJ1	104	243.13	Before	Right Exterior Girder	51.07	0.95	1	1	14.668719
HS15_serv_inv	BOBJ1	105	243.13	After	Left Exterior Girder	51.07	0.95	1	1	14.598758
HS15_serv_inv	BOBJ1	105	243.13	After	Interior Girder 1	51.07	0.95	1	1	9.908277
HS15_serv_inv	BOBJ1	105	243.13	After	Interior Girder 2	51.07	0.95	1	1	9.273714
HS15_serv_inv	BOBJ1	105	243.13	After	Interior Girder 3	51.07	0.95	1	1	8.043436
HS15_serv_inv	BOBJ1	105	243.13	After	Interior Girder 4	51.07	0.95	1	1	8.043436
HS15_serv_inv	BOBJ1	105	243.13	After	Interior Girder 5	51.07	0.95	1	1	9.273714
HS15_serv_inv	BOBJ1	105	243.13	After	Interior Girder 6	51.07	0.95	1	1	9.908277
HS15_serv_inv	BOBJ1	105	243.13	After	Right Exterior Girder	51.07	0.95	1	1	14.598758
HS15_serv_inv	BOBJ1	106	248.89	Before	Left Exterior Girder	56.83	0.95	1	1	682.458388
HS15_serv_inv	BOBJ1	106	248.89	Before	Interior Girder 1	56.83	0.95	1	1	562.462643
HS15_serv_inv	BOBJ1	106	248.89	Before	Interior Girder 2	56.83	0.95	1	1	343.569734
HS15_serv_inv	BOBJ1	106	248.89	Before	Interior Girder 3	56.83	0.95	1	1	267.253494
HS15_serv_inv	BOBJ1	106	248.89	Before	Interior Girder 4	56.83	0.95	1	1	267.253495
HS15_serv_inv	BOBJ1	106	248.89	Before	Interior Girder 5	56.83	0.95	1	1	343.569733
HS15_serv_inv	BOBJ1	106	248.89	Before	Interior Girder 6	56.83	0.95	1	1	562.462643
HS15_serv_inv	BOBJ1	106	248.89	Before	Right Exterior Girder	56.83	0.95	1	1	682.458388
Lane_serv_opr	BOBJ1	1	0	After	Left Exterior Girder	0	0.95	1	1	2264.359516
Lane_serv_opr	BOBJ1	1	0	After	Interior Girder 1	0	0.95	1	1	1557.570534
Lane_serv_opr	BOBJ1	1	0	After	Interior Girder 2	0	0.95	1	1	1451.238979
Lane_serv_opr	BOBJ1	1	0	After	Interior Girder 3	0	0.95	1	1	1221.903004
Lane_serv_opr	BOBJ1	1	0	After	Interior Girder 4	0	0.95	1	1	1221.903005
Lane_serv_opr	BOBJ1	1	0	After	Interior Girder 5	0	0.95	1	1	1451.238975
Lane_serv_opr	BOBJ1	1	0	After	Interior Girder 6	0	0.95	1	1	1557.570534
Lane_serv_opr	BOBJ1	1	0	After	Right Exterior Girder	0	0.95	1	1	2264.359516
Lane_serv_opr	BOBJ1	2	5.85	Before	Left Exterior Girder	5.85	0.95	1	1	60.918483
Lane_serv_opr	BOBJ1	2	5.85	Before	Interior Girder 1	5.85	0.95	1	1	43.966265
Lane_serv_opr	BOBJ1	2	5.85	Before	Interior Girder 2	5.85	0.95	1	1	43.206169
Lane_serv_opr	BOBJ1	2	5.85	Before	Interior Girder 3	5.85	0.95	1	1	41.242227
Lane_serv_opr	BOBJ1	2	5.85	Before	Interior Girder 4	5.85	0.95	1	1	41.242227
Lane_serv_opr	BOBJ1	2	5.85	Before	Interior Girder 5	5.85	0.95	1	1	43.206169
Lane_serv_opr	BOBJ1	2	5.85	Before	Interior Girder 6	5.85	0.95	1	1	43.966265
Lane_serv_opr	BOBJ1	2	5.85	Before	Right Exterior Girder	5.85	0.95	1	1	60.918483
Lane_serv_opr	BOBJ1	3	5.85	After	Left Exterior Girder	5.85	0.95	1	1	60.421337
Lane_serv_opr	BOBJ1	3	5.85	After	Interior Girder 1	5.85	0.95	1	1	43.866197
Lane_serv_opr	BOBJ1	3	5.85	After	Interior Girder 2	5.85	0.95	1	1	43.665498
Lane_serv_opr	BOBJ1	3	5.85	After	Interior Girder 3	5.85	0.95	1	1	42.490853
Lane_serv_opr	BOBJ1	3	5.85	After	Interior Girder 4	5.85	0.95	1	1	42.490853
Lane_serv_opr	BOBJ1	3	5.85	After	Interior Girder 5	5.85	0.95	1	1	43.665498
Lane_serv_opr	BOBJ1	3	5.85	After	Interior Girder 6	5.85	0.95	1	1	43.866197
Lane_serv_opr	BOBJ1	3	5.85	After	Right Exterior Girder	5.85	0.95	1	1	60.421337
Lane_serv_opr	BOBJ1	4	11.4667	Before	Left Exterior Girder	11.4667	0.95	1	1	33.115861
Lane_serv_opr	BOBJ1	4	11.4667	Before	Interior Girder 1	11.4667	0.95	1	1	23.675201
Lane_serv_opr	BOBJ1	4	11.4667	Before	Interior Girder 2	11.4667	0.95	1	1	23.536892
Lane_serv_opr	BOBJ1	4	11.4667	Before	Interior Girder 3	11.4667	0.95	1	1	23.011769
Lane_serv_opr	BOBJ1	4	11.4667	Before	Interior Girder 4	11.4667	0.95	1	1	23.011769
Lane_serv_opr	BOBJ1	4	11.4667	Before	Interior Girder 5	11.4667	0.95	1	1	23.536892
Lane_serv_opr	BOBJ1	4	11.4667	Before	Interior Girder 6	11.4667	0.95	1	1	23.675201
Lane_serv_opr	BOBJ1	4	11.4667	Before	Right Exterior Girder	11.4667	0.95	1	1	33.115861
Lane_serv_opr	BOBJ1	5	11.4667	After	Left Exterior Girder	11.4667	0.95	1	1	33.252105
Lane_serv_opr	BOBJ1	5	11.4667	After	Interior Girder 1	11.4667	0.95	1	1	23.499174
Lane_serv_opr	BOBJ1	5	11.4667	After	Interior Girder 2	11.4667	0.95	1	1	23.688811
Lane_serv_opr	BOBJ1	5	11.4667	After	Interior Girder 3	11.4667	0.95	1	1	23.463859
Lane_serv_opr	BOBJ1	5	11.4667	After	Interior Girder 4	11.4667	0.95	1	1	23.463859
Lane_serv_opr	BOBJ1	5	11.4667	After	Interior Girder 5	11.4667	0.95	1	1	23.688811
Lane_serv_opr	BOBJ1	5	11.4667	After	Interior Girder 6	11.4667	0.95	1	1	23.499174

TABLE: Bridge Super Rating AASHTORATE18 31 - SteelCompServ-Flx - Approach, Span 12-15										
Request	BridgeObj	BridgeCut	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	Unitless	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Lane_serv_opr	BOBJ1	5	11.4667	After	Right Exterior Girder	11.4667	0.95	1	1	33.252105
Lane_serv_opr	BOBJ1	6	17.0833	Before	Left Exterior Girder	17.0833	0.95	1	1	23.807977
Lane_serv_opr	BOBJ1	6	17.0833	Before	Interior Girder 1	17.0833	0.95	1	1	18.034284
Lane_serv_opr	BOBJ1	6	17.0833	Before	Interior Girder 2	17.0833	0.95	1	1	17.858756
Lane_serv_opr	BOBJ1	6	17.0833	Before	Interior Girder 3	17.0833	0.95	1	1	17.803936
Lane_serv_opr	BOBJ1	6	17.0833	Before	Interior Girder 4	17.0833	0.95	1	1	17.803936
Lane_serv_opr	BOBJ1	6	17.0833	Before	Interior Girder 5	17.0833	0.95	1	1	17.858756
Lane_serv_opr	BOBJ1	6	17.0833	Before	Interior Girder 6	17.0833	0.95	1	1	18.034284
Lane_serv_opr	BOBJ1	6	17.0833	Before	Right Exterior Girder	17.0833	0.95	1	1	23.807977
Lane_serv_opr	BOBJ1	7	17.0833	After	Left Exterior Girder	17.0833	0.95	1	1	23.61535
Lane_serv_opr	BOBJ1	7	17.0833	After	Interior Girder 1	17.0833	0.95	1	1	18.077539
Lane_serv_opr	BOBJ1	7	17.0833	After	Interior Girder 2	17.0833	0.95	1	1	18.015081
Lane_serv_opr	BOBJ1	7	17.0833	After	Interior Girder 3	17.0833	0.95	1	1	18.085443
Lane_serv_opr	BOBJ1	7	17.0833	After	Interior Girder 4	17.0833	0.95	1	1	18.085443
Lane_serv_opr	BOBJ1	7	17.0833	After	Interior Girder 5	17.0833	0.95	1	1	18.015081
Lane_serv_opr	BOBJ1	7	17.0833	After	Interior Girder 6	17.0833	0.95	1	1	18.077539
Lane_serv_opr	BOBJ1	7	17.0833	After	Right Exterior Girder	17.0833	0.95	1	1	23.61535
Lane_serv_opr	BOBJ1	8	22.7	Before	Left Exterior Girder	22.7	0.95	1	1	19.838531
Lane_serv_opr	BOBJ1	8	22.7	Before	Interior Girder 1	22.7	0.95	1	1	16.646657
Lane_serv_opr	BOBJ1	8	22.7	Before	Interior Girder 2	22.7	0.95	1	1	16.19296
Lane_serv_opr	BOBJ1	8	22.7	Before	Interior Girder 3	22.7	0.95	1	1	16.410106
Lane_serv_opr	BOBJ1	8	22.7	Before	Interior Girder 4	22.7	0.95	1	1	16.410106
Lane_serv_opr	BOBJ1	8	22.7	Before	Interior Girder 5	22.7	0.95	1	1	16.19296
Lane_serv_opr	BOBJ1	8	22.7	Before	Interior Girder 6	22.7	0.95	1	1	16.646657
Lane_serv_opr	BOBJ1	8	22.7	Before	Right Exterior Girder	22.7	0.95	1	1	19.838531
Lane_serv_opr	BOBJ1	9	22.7	After	Left Exterior Girder	22.7	0.95	1	1	19.932751
Lane_serv_opr	BOBJ1	9	22.7	After	Interior Girder 1	22.7	0.95	1	1	16.580422
Lane_serv_opr	BOBJ1	9	22.7	After	Interior Girder 2	22.7	0.95	1	1	16.229208
Lane_serv_opr	BOBJ1	9	22.7	After	Interior Girder 3	22.7	0.95	1	1	16.479312
Lane_serv_opr	BOBJ1	9	22.7	After	Interior Girder 4	22.7	0.95	1	1	16.479312
Lane_serv_opr	BOBJ1	9	22.7	After	Interior Girder 5	22.7	0.95	1	1	16.229208
Lane_serv_opr	BOBJ1	9	22.7	After	Interior Girder 6	22.7	0.95	1	1	16.580422
Lane_serv_opr	BOBJ1	9	22.7	After	Right Exterior Girder	22.7	0.95	1	1	19.932751
Lane_serv_opr	BOBJ1	10	28.3167	Before	Left Exterior Girder	28.3167	0.95	1	1	20.917882
Lane_serv_opr	BOBJ1	10	28.3167	Before	Interior Girder 1	28.3167	0.95	1	1	16.513842
Lane_serv_opr	BOBJ1	10	28.3167	Before	Interior Girder 2	28.3167	0.95	1	1	16.268178
Lane_serv_opr	BOBJ1	10	28.3167	Before	Interior Girder 3	28.3167	0.95	1	1	16.560395
Lane_serv_opr	BOBJ1	10	28.3167	Before	Interior Girder 4	28.3167	0.95	1	1	16.560395
Lane_serv_opr	BOBJ1	10	28.3167	Before	Interior Girder 5	28.3167	0.95	1	1	16.268178
Lane_serv_opr	BOBJ1	10	28.3167	Before	Interior Girder 6	28.3167	0.95	1	1	16.513842
Lane_serv_opr	BOBJ1	10	28.3167	Before	Right Exterior Girder	28.3167	0.95	1	1	20.917882
Lane_serv_opr	BOBJ1	11	28.3167	After	Left Exterior Girder	28.3167	0.95	1	1	21.100798
Lane_serv_opr	BOBJ1	11	28.3167	After	Interior Girder 1	28.3167	0.95	1	1	16.426136
Lane_serv_opr	BOBJ1	11	28.3167	After	Interior Girder 2	28.3167	0.95	1	1	16.235361
Lane_serv_opr	BOBJ1	11	28.3167	After	Interior Girder 3	28.3167	0.95	1	1	16.488424
Lane_serv_opr	BOBJ1	11	28.3167	After	Interior Girder 4	28.3167	0.95	1	1	16.488424
Lane_serv_opr	BOBJ1	11	28.3167	After	Interior Girder 5	28.3167	0.95	1	1	16.235361
Lane_serv_opr	BOBJ1	11	28.3167	After	Interior Girder 6	28.3167	0.95	1	1	16.426136
Lane_serv_opr	BOBJ1	11	28.3167	After	Right Exterior Girder	28.3167	0.95	1	1	21.100798
Lane_serv_opr	BOBJ1	12	33.9333	Before	Left Exterior Girder	33.9333	0.95	1	1	24.44879
Lane_serv_opr	BOBJ1	12	33.9333	Before	Interior Girder 1	33.9333	0.95	1	1	18.917607
Lane_serv_opr	BOBJ1	12	33.9333	Before	Interior Girder 2	33.9333	0.95	1	1	18.635355
Lane_serv_opr	BOBJ1	12	33.9333	Before	Interior Girder 3	33.9333	0.95	1	1	19.118772
Lane_serv_opr	BOBJ1	12	33.9333	Before	Interior Girder 4	33.9333	0.95	1	1	19.118772
Lane_serv_opr	BOBJ1	12	33.9333	Before	Interior Girder 5	33.9333	0.95	1	1	18.635355
Lane_serv_opr	BOBJ1	12	33.9333	Before	Interior Girder 6	33.9333	0.95	1	1	18.917607
Lane_serv_opr	BOBJ1	12	33.9333	Before	Right Exterior Girder	33.9333	0.95	1	1	24.44879
Lane_serv_opr	BOBJ1	13	33.9333	After	Left Exterior Girder	33.9333	0.95	1	1	24.278751
Lane_serv_opr	BOBJ1	13	33.9333	After	Interior Girder 1	33.9333	0.95	1	1	19.017746
Lane_serv_opr	BOBJ1	13	33.9333	After	Interior Girder 2	33.9333	0.95	1	1	18.668379
Lane_serv_opr	BOBJ1	13	33.9333	After	Interior Girder 3	33.9333	0.95	1	1	19.001515
Lane_serv_opr	BOBJ1	13	33.9333	After	Interior Girder 4	33.9333	0.95	1	1	19.001515
Lane_serv_opr	BOBJ1	13	33.9333	After	Interior Girder 5	33.9333	0.95	1	1	18.668379
Lane_serv_opr	BOBJ1	13	33.9333	After	Interior Girder 6	33.9333	0.95	1	1	19.017746
Lane_serv_opr	BOBJ1	13	33.9333	After	Right Exterior Girder	33.9333	0.95	1	1	24.278751
Lane_serv_opr	BOBJ1	14	39.55	Before	Left Exterior Girder	39.55	0.95	1	1	30.943461
Lane_serv_opr	BOBJ1	14	39.55	Before	Interior Girder 1	39.55	0.95	1	1	26.325322
Lane_serv_opr	BOBJ1	14	39.55	Before	Interior Girder 2	39.55	0.95	1	1	25.375055
Lane_serv_opr	BOBJ1	14	39.55	Before	Interior Girder 3	39.55	0.95	1	1	26.515913
Lane_serv_opr	BOBJ1	14	39.55	Before	Interior Girder 4	39.55	0.95	1	1	26.515913
Lane_serv_opr	BOBJ1	14	39.55	Before	Interior Girder 5	39.55	0.95	1	1	25.375055
Lane_serv_opr	BOBJ1	14	39.55	Before	Interior Girder 6	39.55	0.95	1	1	26.325322
Lane_serv_opr	BOBJ1	14	39.55	Before	Right Exterior Girder	39.55	0.95	1	1	30.943461

TABLE: Bridge Super Rating AASHTORATE18 31 - SteelCompServ-Flx - Approach, Span 12-15										
Request	BridgeObj	BridgeCut	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	Unitless	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Lane_serv_opr	BOBJ1	15	39.55	After	Left Exterior Girder	39.55	0.95	1	1	31.248635
Lane_serv_opr	BOBJ1	15	39.55	After	Interior Girder 1	39.55	0.95	1	1	26.283144
Lane_serv_opr	BOBJ1	15	39.55	After	Interior Girder 2	39.55	0.95	1	1	25.25541
Lane_serv_opr	BOBJ1	15	39.55	After	Interior Girder 3	39.55	0.95	1	1	26.023214
Lane_serv_opr	BOBJ1	15	39.55	After	Interior Girder 4	39.55	0.95	1	1	26.023214
Lane_serv_opr	BOBJ1	15	39.55	After	Interior Girder 5	39.55	0.95	1	1	25.25541
Lane_serv_opr	BOBJ1	15	39.55	After	Interior Girder 6	39.55	0.95	1	1	26.283144
Lane_serv_opr	BOBJ1	15	39.55	After	Right Exterior Girder	39.55	0.95	1	1	31.248635
Lane_serv_opr	BOBJ1	16	45.1733	Before	Left Exterior Girder	45.1226	0.95	1	1	24.197173
Lane_serv_opr	BOBJ1	16	45.1733	Before	Interior Girder 1	45.1226	0.95	1	1	22.16186
Lane_serv_opr	BOBJ1	16	45.1733	Before	Interior Girder 2	45.1226	0.95	1	1	21.091685
Lane_serv_opr	BOBJ1	16	45.1733	Before	Interior Girder 3	45.1226	0.95	1	1	21.833187
Lane_serv_opr	BOBJ1	16	45.1733	Before	Interior Girder 4	45.1226	0.95	1	1	21.833187
Lane_serv_opr	BOBJ1	16	45.1733	Before	Interior Girder 5	45.1226	0.95	1	1	21.091685
Lane_serv_opr	BOBJ1	16	45.1733	Before	Interior Girder 6	45.1226	0.95	1	1	22.16186
Lane_serv_opr	BOBJ1	16	45.1733	Before	Right Exterior Girder	45.1226	0.95	1	1	24.197173
Lane_serv_opr	BOBJ1	17	45.1733	After	Left Exterior Girder	45.1226	0.95	1	1	19.558482
Lane_serv_opr	BOBJ1	17	45.1733	After	Interior Girder 1	45.1226	0.95	1	1	17.810412
Lane_serv_opr	BOBJ1	17	45.1733	After	Interior Girder 2	45.1226	0.95	1	1	16.992966
Lane_serv_opr	BOBJ1	17	45.1733	After	Interior Girder 3	45.1226	0.95	1	1	17.635864
Lane_serv_opr	BOBJ1	17	45.1733	After	Interior Girder 4	45.1226	0.95	1	1	17.635864
Lane_serv_opr	BOBJ1	17	45.1733	After	Interior Girder 5	45.1226	0.95	1	1	16.992966
Lane_serv_opr	BOBJ1	17	45.1733	After	Interior Girder 6	45.1226	0.95	1	1	17.810412
Lane_serv_opr	BOBJ1	17	45.1733	After	Right Exterior Girder	45.1226	0.95	1	1	19.558482
Lane_serv_opr	BOBJ1	18	49.2561	Before	Left Exterior Girder	49.2561	0.95	1	1	14.009515
Lane_serv_opr	BOBJ1	18	49.2561	Before	Right Exterior Girder	49.2561	0.95	1	1	14.009515
Lane_serv_opr	BOBJ1	19	49.2561	After	Left Exterior Girder	49.2561	0.95	1	1	14.292212
Lane_serv_opr	BOBJ1	19	49.2561	After	Right Exterior Girder	49.2561	0.95	1	1	14.292212
Lane_serv_opr	BOBJ1	20	50.7967	Before	Left Exterior Girder	50.7967	0.95	1	1	26.808888
Lane_serv_opr	BOBJ1	20	50.7967	Before	Interior Girder 1	50.7967	0.95	1	1	11.063617
Lane_serv_opr	BOBJ1	20	50.7967	Before	Interior Girder 2	50.7967	0.95	1	1	10.680681
Lane_serv_opr	BOBJ1	20	50.7967	Before	Interior Girder 3	50.7967	0.95	1	1	10.090079
Lane_serv_opr	BOBJ1	20	50.7967	Before	Interior Girder 4	50.7967	0.95	1	1	10.090079
Lane_serv_opr	BOBJ1	20	50.7967	Before	Interior Girder 5	50.7967	0.95	1	1	10.680681
Lane_serv_opr	BOBJ1	20	50.7967	Before	Interior Girder 6	50.7967	0.95	1	1	11.063617
Lane_serv_opr	BOBJ1	20	50.7967	Before	Right Exterior Girder	50.7967	0.95	1	1	26.808888
Lane_serv_opr	BOBJ1	21	50.7967	After	Left Exterior Girder	50.7967	0.95	1	1	26.66191
Lane_serv_opr	BOBJ1	21	50.7967	After	Interior Girder 1	50.7967	0.95	1	1	11.056458
Lane_serv_opr	BOBJ1	21	50.7967	After	Interior Girder 2	50.7967	0.95	1	1	10.722122
Lane_serv_opr	BOBJ1	21	50.7967	After	Interior Girder 3	50.7967	0.95	1	1	10.189901
Lane_serv_opr	BOBJ1	21	50.7967	After	Interior Girder 4	50.7967	0.95	1	1	10.189901
Lane_serv_opr	BOBJ1	21	50.7967	After	Interior Girder 5	50.7967	0.95	1	1	10.722122
Lane_serv_opr	BOBJ1	21	50.7967	After	Interior Girder 6	50.7967	0.95	1	1	11.056458
Lane_serv_opr	BOBJ1	21	50.7967	After	Right Exterior Girder	50.7967	0.95	1	1	26.66191
Lane_serv_opr	BOBJ1	22	51.3989	Before	Interior Girder 1	51.3989	0.95	1	1	10.199174
Lane_serv_opr	BOBJ1	22	51.3989	Before	Interior Girder 2	51.3989	0.95	1	1	10.029368
Lane_serv_opr	BOBJ1	22	51.3989	Before	Interior Girder 3	51.3989	0.95	1	1	9.438686
Lane_serv_opr	BOBJ1	22	51.3989	Before	Interior Girder 4	51.3989	0.95	1	1	9.438686
Lane_serv_opr	BOBJ1	22	51.3989	Before	Interior Girder 5	51.3989	0.95	1	1	10.029368
Lane_serv_opr	BOBJ1	22	51.3989	Before	Interior Girder 6	51.3989	0.95	1	1	10.199174
Lane_serv_opr	BOBJ1	23	51.3989	After	Interior Girder 1	51.3989	0.95	1	1	15.195194
Lane_serv_opr	BOBJ1	23	51.3989	After	Interior Girder 2	51.3989	0.95	1	1	14.851995
Lane_serv_opr	BOBJ1	23	51.3989	After	Interior Girder 3	51.3989	0.95	1	1	14.148097
Lane_serv_opr	BOBJ1	23	51.3989	After	Interior Girder 4	51.3989	0.95	1	1	14.148097
Lane_serv_opr	BOBJ1	23	51.3989	After	Interior Girder 5	51.3989	0.95	1	1	14.851995
Lane_serv_opr	BOBJ1	23	51.3989	After	Interior Girder 6	51.3989	0.95	1	1	15.195194
Lane_serv_opr	BOBJ1	24	56.42	Before	Left Exterior Girder	56.42	0.95	1	1	15.515852
Lane_serv_opr	BOBJ1	24	56.42	Before	Interior Girder 1	56.42	0.95	1	1	8.579802
Lane_serv_opr	BOBJ1	24	56.42	Before	Interior Girder 2	56.42	0.95	1	1	8.662092
Lane_serv_opr	BOBJ1	24	56.42	Before	Interior Girder 3	56.42	0.95	1	1	7.712614
Lane_serv_opr	BOBJ1	24	56.42	Before	Interior Girder 4	56.42	0.95	1	1	7.712614
Lane_serv_opr	BOBJ1	24	56.42	Before	Interior Girder 5	56.42	0.95	1	1	8.662092
Lane_serv_opr	BOBJ1	24	56.42	Before	Interior Girder 6	56.42	0.95	1	1	8.579802
Lane_serv_opr	BOBJ1	24	56.42	Before	Right Exterior Girder	56.42	0.95	1	1	15.515852
Lane_serv_opr	BOBJ1	25	56.42	After	Left Exterior Girder	0	0.95	1	1	15.368956
Lane_serv_opr	BOBJ1	25	56.42	After	Interior Girder 1	0	0.95	1	1	8.58573
Lane_serv_opr	BOBJ1	25	56.42	After	Interior Girder 2	0	0.95	1	1	8.658203
Lane_serv_opr	BOBJ1	25	56.42	After	Interior Girder 3	0	0.95	1	1	7.653659
Lane_serv_opr	BOBJ1	25	56.42	After	Interior Girder 4	0	0.95	1	1	7.653659
Lane_serv_opr	BOBJ1	25	56.42	After	Interior Girder 5	0	0.95	1	1	8.658203
Lane_serv_opr	BOBJ1	25	56.42	After	Interior Girder 6	0	0.95	1	1	8.58573
Lane_serv_opr	BOBJ1	25	56.42	After	Right Exterior Girder	0	0.95	1	1	15.368956
Lane_serv_opr	BOBJ1	26	62.0367	Before	Left Exterior Girder	5.6167	0.95	1	1	29.182288

TABLE: Bridge Super Rating AASHTORATE18 31 - SteelCompServ-Flx - Approach, Span 12-15										
Request	BridgeObj	BridgeCut	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	Unitless	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Lane_serv_opr	BOBJ1	26	62.0367	Before	Interior Girder 1	5.6167	0.95	1	1	16.663992
Lane_serv_opr	BOBJ1	26	62.0367	Before	Interior Girder 2	5.6167	0.95	1	1	16.205257
Lane_serv_opr	BOBJ1	26	62.0367	Before	Interior Girder 3	5.6167	0.95	1	1	15.299933
Lane_serv_opr	BOBJ1	26	62.0367	Before	Interior Girder 4	5.6167	0.95	1	1	15.299933
Lane_serv_opr	BOBJ1	26	62.0367	Before	Interior Girder 5	5.6167	0.95	1	1	16.205257
Lane_serv_opr	BOBJ1	26	62.0367	Before	Interior Girder 6	5.6167	0.95	1	1	16.663992
Lane_serv_opr	BOBJ1	26	62.0367	Before	Right Exterior Girder	5.6167	0.95	1	1	29.182288
Lane_serv_opr	BOBJ1	27	62.0367	After	Left Exterior Girder	5.6167	0.95	1	1	28.288538
Lane_serv_opr	BOBJ1	27	62.0367	After	Interior Girder 1	5.6167	0.95	1	1	17.064547
Lane_serv_opr	BOBJ1	27	62.0367	After	Interior Girder 2	5.6167	0.95	1	1	16.271225
Lane_serv_opr	BOBJ1	27	62.0367	After	Interior Girder 3	5.6167	0.95	1	1	15.26823
Lane_serv_opr	BOBJ1	27	62.0367	After	Interior Girder 4	5.6167	0.95	1	1	15.26823
Lane_serv_opr	BOBJ1	27	62.0367	After	Interior Girder 5	5.6167	0.95	1	1	16.271225
Lane_serv_opr	BOBJ1	27	62.0367	After	Interior Girder 6	5.6167	0.95	1	1	17.064547
Lane_serv_opr	BOBJ1	27	62.0367	After	Right Exterior Girder	5.6167	0.95	1	1	28.288538
Lane_serv_opr	BOBJ1	28	62.4203	Before	Interior Girder 1	6.0003	0.95	1	1	17.976151
Lane_serv_opr	BOBJ1	28	62.4203	Before	Interior Girder 2	6.0003	0.95	1	1	16.998143
Lane_serv_opr	BOBJ1	28	62.4203	Before	Interior Girder 3	6.0003	0.95	1	1	16.015691
Lane_serv_opr	BOBJ1	28	62.4203	Before	Interior Girder 4	6.0003	0.95	1	1	16.015691
Lane_serv_opr	BOBJ1	28	62.4203	Before	Interior Girder 5	6.0003	0.95	1	1	16.998143
Lane_serv_opr	BOBJ1	28	62.4203	Before	Interior Girder 6	6.0003	0.95	1	1	17.976151
Lane_serv_opr	BOBJ1	29	62.4203	After	Interior Girder 1	6.0003	0.95	1	1	12.109218
Lane_serv_opr	BOBJ1	29	62.4203	After	Interior Girder 2	6.0003	0.95	1	1	11.50748
Lane_serv_opr	BOBJ1	29	62.4203	After	Interior Girder 3	6.0003	0.95	1	1	10.689434
Lane_serv_opr	BOBJ1	29	62.4203	After	Interior Girder 4	6.0003	0.95	1	1	10.689434
Lane_serv_opr	BOBJ1	29	62.4203	After	Interior Girder 5	6.0003	0.95	1	1	11.50748
Lane_serv_opr	BOBJ1	29	62.4203	After	Interior Girder 6	6.0003	0.95	1	1	12.109218
Lane_serv_opr	BOBJ1	30	64.9204	Before	Left Exterior Girder	8.5004	0.95	1	1	39.916173
Lane_serv_opr	BOBJ1	30	64.9204	Before	Right Exterior Girder	8.5004	0.95	1	1	39.916173
Lane_serv_opr	BOBJ1	31	64.9204	After	Left Exterior Girder	8.5004	0.95	1	1	18.970025
Lane_serv_opr	BOBJ1	31	64.9204	After	Right Exterior Girder	8.5004	0.95	1	1	18.970025
Lane_serv_opr	BOBJ1	32	67.6533	Before	Left Exterior Girder	11.2333	0.95	1	1	26.8935
Lane_serv_opr	BOBJ1	32	67.6533	Before	Interior Girder 1	11.2333	0.95	1	1	21.563102
Lane_serv_opr	BOBJ1	32	67.6533	Before	Interior Girder 2	11.2333	0.95	1	1	20.504841
Lane_serv_opr	BOBJ1	32	67.6533	Before	Interior Girder 3	11.2333	0.95	1	1	20.546803
Lane_serv_opr	BOBJ1	32	67.6533	Before	Interior Girder 4	11.2333	0.95	1	1	20.546803
Lane_serv_opr	BOBJ1	32	67.6533	Before	Interior Girder 5	11.2333	0.95	1	1	20.504841
Lane_serv_opr	BOBJ1	32	67.6533	Before	Interior Girder 6	11.2333	0.95	1	1	21.563102
Lane_serv_opr	BOBJ1	32	67.6533	Before	Right Exterior Girder	11.2333	0.95	1	1	26.8935
Lane_serv_opr	BOBJ1	33	67.6533	After	Left Exterior Girder	11.2333	0.95	1	1	26.266638
Lane_serv_opr	BOBJ1	33	67.6533	After	Interior Girder 1	11.2333	0.95	1	1	21.629885
Lane_serv_opr	BOBJ1	33	67.6533	After	Interior Girder 2	11.2333	0.95	1	1	20.407313
Lane_serv_opr	BOBJ1	33	67.6533	After	Interior Girder 3	11.2333	0.95	1	1	20.210279
Lane_serv_opr	BOBJ1	33	67.6533	After	Interior Girder 4	11.2333	0.95	1	1	20.210279
Lane_serv_opr	BOBJ1	33	67.6533	After	Interior Girder 5	11.2333	0.95	1	1	20.407313
Lane_serv_opr	BOBJ1	33	67.6533	After	Interior Girder 6	11.2333	0.95	1	1	21.629885
Lane_serv_opr	BOBJ1	33	67.6533	After	Right Exterior Girder	11.2333	0.95	1	1	26.266638
Lane_serv_opr	BOBJ1	34	73.27	Before	Left Exterior Girder	16.85	0.95	1	1	35.457185
Lane_serv_opr	BOBJ1	34	73.27	Before	Interior Girder 1	16.85	0.95	1	1	30.624529
Lane_serv_opr	BOBJ1	34	73.27	Before	Interior Girder 2	16.85	0.95	1	1	28.813745
Lane_serv_opr	BOBJ1	34	73.27	Before	Interior Girder 3	16.85	0.95	1	1	30.933624
Lane_serv_opr	BOBJ1	34	73.27	Before	Interior Girder 4	16.85	0.95	1	1	30.933624
Lane_serv_opr	BOBJ1	34	73.27	Before	Interior Girder 5	16.85	0.95	1	1	28.813745
Lane_serv_opr	BOBJ1	34	73.27	Before	Interior Girder 6	16.85	0.95	1	1	30.624529
Lane_serv_opr	BOBJ1	34	73.27	Before	Right Exterior Girder	16.85	0.95	1	1	35.457185
Lane_serv_opr	BOBJ1	35	73.27	After	Left Exterior Girder	16.85	0.95	1	1	35.459189
Lane_serv_opr	BOBJ1	35	73.27	After	Interior Girder 1	16.85	0.95	1	1	30.669878
Lane_serv_opr	BOBJ1	35	73.27	After	Interior Girder 2	16.85	0.95	1	1	28.994065
Lane_serv_opr	BOBJ1	35	73.27	After	Interior Girder 3	16.85	0.95	1	1	31.640269
Lane_serv_opr	BOBJ1	35	73.27	After	Interior Girder 4	16.85	0.95	1	1	31.640269
Lane_serv_opr	BOBJ1	35	73.27	After	Interior Girder 5	16.85	0.95	1	1	28.994065
Lane_serv_opr	BOBJ1	35	73.27	After	Interior Girder 6	16.85	0.95	1	1	30.669878
Lane_serv_opr	BOBJ1	35	73.27	After	Right Exterior Girder	16.85	0.95	1	1	35.459189
Lane_serv_opr	BOBJ1	36	78.8867	Before	Left Exterior Girder	22.4667	0.95	1	1	24.651881
Lane_serv_opr	BOBJ1	36	78.8867	Before	Interior Girder 1	22.4667	0.95	1	1	19.872259
Lane_serv_opr	BOBJ1	36	78.8867	Before	Interior Girder 2	22.4667	0.95	1	1	19.270063
Lane_serv_opr	BOBJ1	36	78.8867	Before	Interior Girder 3	22.4667	0.95	1	1	19.408729
Lane_serv_opr	BOBJ1	36	78.8867	Before	Interior Girder 4	22.4667	0.95	1	1	19.408729
Lane_serv_opr	BOBJ1	36	78.8867	Before	Interior Girder 5	22.4667	0.95	1	1	19.270063
Lane_serv_opr	BOBJ1	36	78.8867	Before	Interior Girder 6	22.4667	0.95	1	1	19.872259
Lane_serv_opr	BOBJ1	36	78.8867	Before	Right Exterior Girder	22.4667	0.95	1	1	24.651881
Lane_serv_opr	BOBJ1	37	78.8867	After	Left Exterior Girder	22.4667	0.95	1	1	25.072006
Lane_serv_opr	BOBJ1	37	78.8867	After	Interior Girder 1	22.4667	0.95	1	1	19.63793

TABLE: Bridge Super Rating AASHTORATE18 31 - SteelICompServ-Flx - Approach, Span 12-15										
Request	BridgeObj	BridgeCut	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	Unitless	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Lane_serv_opr	BOBJ1	37	78.8867	After	Interior Girder 2	22.4667	0.95	1	1	19.245399
Lane_serv_opr	BOBJ1	37	78.8867	After	Interior Girder 3	22.4667	0.95	1	1	19.643555
Lane_serv_opr	BOBJ1	37	78.8867	After	Interior Girder 4	22.4667	0.95	1	1	19.643555
Lane_serv_opr	BOBJ1	37	78.8867	After	Interior Girder 5	22.4667	0.95	1	1	19.245399
Lane_serv_opr	BOBJ1	37	78.8867	After	Interior Girder 6	22.4667	0.95	1	1	19.63793
Lane_serv_opr	BOBJ1	37	78.8867	After	Right Exterior Girder	22.4667	0.95	1	1	25.072006
Lane_serv_opr	BOBJ1	38	84.5033	Before	Left Exterior Girder	28.0833	0.95	1	1	18.822266
Lane_serv_opr	BOBJ1	38	84.5033	Before	Interior Girder 1	28.0833	0.95	1	1	15.743399
Lane_serv_opr	BOBJ1	38	84.5033	Before	Interior Girder 2	28.0833	0.95	1	1	15.341534
Lane_serv_opr	BOBJ1	38	84.5033	Before	Interior Girder 3	28.0833	0.95	1	1	15.555931
Lane_serv_opr	BOBJ1	38	84.5033	Before	Interior Girder 4	28.0833	0.95	1	1	15.555931
Lane_serv_opr	BOBJ1	38	84.5033	Before	Interior Girder 5	28.0833	0.95	1	1	15.341534
Lane_serv_opr	BOBJ1	38	84.5033	Before	Interior Girder 6	28.0833	0.95	1	1	15.743399
Lane_serv_opr	BOBJ1	38	84.5033	Before	Right Exterior Girder	28.0833	0.95	1	1	18.822266
Lane_serv_opr	BOBJ1	39	84.5033	After	Left Exterior Girder	28.0833	0.95	1	1	18.750241
Lane_serv_opr	BOBJ1	39	84.5033	After	Interior Girder 1	28.0833	0.95	1	1	15.77776
Lane_serv_opr	BOBJ1	39	84.5033	After	Interior Girder 2	28.0833	0.95	1	1	15.413739
Lane_serv_opr	BOBJ1	39	84.5033	After	Interior Girder 3	28.0833	0.95	1	1	15.720936
Lane_serv_opr	BOBJ1	39	84.5033	After	Interior Girder 4	28.0833	0.95	1	1	15.720936
Lane_serv_opr	BOBJ1	39	84.5033	After	Interior Girder 5	28.0833	0.95	1	1	15.413739
Lane_serv_opr	BOBJ1	39	84.5033	After	Interior Girder 6	28.0833	0.95	1	1	15.77776
Lane_serv_opr	BOBJ1	39	84.5033	After	Right Exterior Girder	28.0833	0.95	1	1	18.750241
Lane_serv_opr	BOBJ1	40	90.12	Before	Left Exterior Girder	33.7	0.95	1	1	16.190687
Lane_serv_opr	BOBJ1	40	90.12	Before	Interior Girder 1	33.7	0.95	1	1	15.022174
Lane_serv_opr	BOBJ1	40	90.12	Before	Interior Girder 2	33.7	0.95	1	1	14.451263
Lane_serv_opr	BOBJ1	40	90.12	Before	Interior Girder 3	33.7	0.95	1	1	14.779889
Lane_serv_opr	BOBJ1	40	90.12	Before	Interior Girder 4	33.7	0.95	1	1	14.779889
Lane_serv_opr	BOBJ1	40	90.12	Before	Interior Girder 5	33.7	0.95	1	1	14.451263
Lane_serv_opr	BOBJ1	40	90.12	Before	Interior Girder 6	33.7	0.95	1	1	15.022174
Lane_serv_opr	BOBJ1	40	90.12	Before	Right Exterior Girder	33.7	0.95	1	1	16.190687
Lane_serv_opr	BOBJ1	41	90.12	After	Left Exterior Girder	33.7	0.95	1	1	16.269349
Lane_serv_opr	BOBJ1	41	90.12	After	Interior Girder 1	33.7	0.95	1	1	14.972047
Lane_serv_opr	BOBJ1	41	90.12	After	Interior Girder 2	33.7	0.95	1	1	14.438486
Lane_serv_opr	BOBJ1	41	90.12	After	Interior Girder 3	33.7	0.95	1	1	14.768851
Lane_serv_opr	BOBJ1	41	90.12	After	Interior Girder 4	33.7	0.95	1	1	14.768851
Lane_serv_opr	BOBJ1	41	90.12	After	Interior Girder 5	33.7	0.95	1	1	14.438486
Lane_serv_opr	BOBJ1	41	90.12	After	Interior Girder 6	33.7	0.95	1	1	14.972047
Lane_serv_opr	BOBJ1	41	90.12	After	Right Exterior Girder	33.7	0.95	1	1	16.269349
Lane_serv_opr	BOBJ1	42	95.7367	Before	Left Exterior Girder	39.3167	0.95	1	1	17.910875
Lane_serv_opr	BOBJ1	42	95.7367	Before	Interior Girder 1	39.3167	0.95	1	1	15.261677
Lane_serv_opr	BOBJ1	42	95.7367	Before	Interior Girder 2	39.3167	0.95	1	1	14.928221
Lane_serv_opr	BOBJ1	42	95.7367	Before	Interior Girder 3	39.3167	0.95	1	1	15.269155
Lane_serv_opr	BOBJ1	42	95.7367	Before	Interior Girder 4	39.3167	0.95	1	1	15.269155
Lane_serv_opr	BOBJ1	42	95.7367	Before	Interior Girder 5	39.3167	0.95	1	1	14.928221
Lane_serv_opr	BOBJ1	42	95.7367	Before	Interior Girder 6	39.3167	0.95	1	1	15.261677
Lane_serv_opr	BOBJ1	42	95.7367	Before	Right Exterior Girder	39.3167	0.95	1	1	17.910875
Lane_serv_opr	BOBJ1	43	95.7367	After	Left Exterior Girder	39.3167	0.95	1	1	18.027163
Lane_serv_opr	BOBJ1	43	95.7367	After	Interior Girder 1	39.3167	0.95	1	1	15.204369
Lane_serv_opr	BOBJ1	43	95.7367	After	Interior Girder 2	39.3167	0.95	1	1	14.862148
Lane_serv_opr	BOBJ1	43	95.7367	After	Interior Girder 3	39.3167	0.95	1	1	15.130171
Lane_serv_opr	BOBJ1	43	95.7367	After	Interior Girder 4	39.3167	0.95	1	1	15.130171
Lane_serv_opr	BOBJ1	43	95.7367	After	Interior Girder 5	39.3167	0.95	1	1	14.862148
Lane_serv_opr	BOBJ1	43	95.7367	After	Interior Girder 6	39.3167	0.95	1	1	15.204369
Lane_serv_opr	BOBJ1	43	95.7367	After	Right Exterior Girder	39.3167	0.95	1	1	18.027163
Lane_serv_opr	BOBJ1	44	101.3533	Before	Left Exterior Girder	44.9333	0.95	1	1	22.38031
Lane_serv_opr	BOBJ1	44	101.3533	Before	Interior Girder 1	44.9333	0.95	1	1	18.214018
Lane_serv_opr	BOBJ1	44	101.3533	Before	Interior Girder 2	44.9333	0.95	1	1	17.875427
Lane_serv_opr	BOBJ1	44	101.3533	Before	Interior Girder 3	44.9333	0.95	1	1	18.379281
Lane_serv_opr	BOBJ1	44	101.3533	Before	Interior Girder 4	44.9333	0.95	1	1	18.379281
Lane_serv_opr	BOBJ1	44	101.3533	Before	Interior Girder 5	44.9333	0.95	1	1	17.875427
Lane_serv_opr	BOBJ1	44	101.3533	Before	Interior Girder 6	44.9333	0.95	1	1	18.214018
Lane_serv_opr	BOBJ1	44	101.3533	Before	Right Exterior Girder	44.9333	0.95	1	1	22.38031
Lane_serv_opr	BOBJ1	45	101.3533	After	Left Exterior Girder	44.9333	0.95	1	1	22.091096
Lane_serv_opr	BOBJ1	45	101.3533	After	Interior Girder 1	44.9333	0.95	1	1	18.389198
Lane_serv_opr	BOBJ1	45	101.3533	After	Interior Girder 2	44.9333	0.95	1	1	17.904481
Lane_serv_opr	BOBJ1	45	101.3533	After	Interior Girder 3	44.9333	0.95	1	1	18.197229
Lane_serv_opr	BOBJ1	45	101.3533	After	Interior Girder 4	44.9333	0.95	1	1	18.197229
Lane_serv_opr	BOBJ1	45	101.3533	After	Interior Girder 5	44.9333	0.95	1	1	17.904481
Lane_serv_opr	BOBJ1	45	101.3533	After	Interior Girder 6	44.9333	0.95	1	1	18.389198
Lane_serv_opr	BOBJ1	45	101.3533	After	Right Exterior Girder	44.9333	0.95	1	1	22.091096
Lane_serv_opr	BOBJ1	46	106.97	Before	Left Exterior Girder	50.55	0.95	1	1	26.424847
Lane_serv_opr	BOBJ1	46	106.97	Before	Interior Girder 1	50.55	0.95	1	1	23.686714
Lane_serv_opr	BOBJ1	46	106.97	Before	Interior Girder 2	50.55	0.95	1	1	22.706966

TABLE: Bridge Super Rating AASHTORATE18 31 - SteelICompServ-Flx - Approach, Span 12-15										
Request	BridgeObj	BridgeCut	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	Unitless	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Lane_serv_opr	BOBJ1	46	106.97	Before	Interior Girder 3	50.55	0.95	1	1	24.712692
Lane_serv_opr	BOBJ1	46	106.97	Before	Interior Girder 4	50.55	0.95	1	1	24.712692
Lane_serv_opr	BOBJ1	46	106.97	Before	Interior Girder 5	50.55	0.95	1	1	22.706966
Lane_serv_opr	BOBJ1	46	106.97	Before	Interior Girder 6	50.55	0.95	1	1	23.686714
Lane_serv_opr	BOBJ1	46	106.97	Before	Right Exterior Girder	50.55	0.95	1	1	26.424847
Lane_serv_opr	BOBJ1	47	106.97	After	Left Exterior Girder	50.55	0.95	1	1	26.514156
Lane_serv_opr	BOBJ1	47	106.97	After	Interior Girder 1	50.55	0.95	1	1	23.646047
Lane_serv_opr	BOBJ1	47	106.97	After	Interior Girder 2	50.55	0.95	1	1	22.632187
Lane_serv_opr	BOBJ1	47	106.97	After	Interior Girder 3	50.55	0.95	1	1	24.748959
Lane_serv_opr	BOBJ1	47	106.97	After	Interior Girder 4	50.55	0.95	1	1	24.748959
Lane_serv_opr	BOBJ1	47	106.97	After	Interior Girder 5	50.55	0.95	1	1	22.632187
Lane_serv_opr	BOBJ1	47	106.97	After	Interior Girder 6	50.55	0.95	1	1	23.646047
Lane_serv_opr	BOBJ1	47	106.97	After	Right Exterior Girder	50.55	0.95	1	1	26.514156
Lane_serv_opr	BOBJ1	48	112.5933	Before	Left Exterior Girder	56.1733	0.95	1	1	20.094834
Lane_serv_opr	BOBJ1	48	112.5933	Before	Interior Girder 1	56.1733	0.95	1	1	17.6064
Lane_serv_opr	BOBJ1	48	112.5933	Before	Interior Girder 2	56.1733	0.95	1	1	16.610108
Lane_serv_opr	BOBJ1	48	112.5933	Before	Interior Girder 3	56.1733	0.95	1	1	16.729971
Lane_serv_opr	BOBJ1	48	112.5933	Before	Interior Girder 4	56.1733	0.95	1	1	16.729971
Lane_serv_opr	BOBJ1	48	112.5933	Before	Interior Girder 5	56.1733	0.95	1	1	16.610108
Lane_serv_opr	BOBJ1	48	112.5933	Before	Interior Girder 6	56.1733	0.95	1	1	17.6064
Lane_serv_opr	BOBJ1	48	112.5933	Before	Right Exterior Girder	56.1733	0.95	1	1	20.094834
Lane_serv_opr	BOBJ1	49	112.5933	After	Left Exterior Girder	56.1733	0.95	1	1	20.439487
Lane_serv_opr	BOBJ1	49	112.5933	After	Interior Girder 1	56.1733	0.95	1	1	17.566153
Lane_serv_opr	BOBJ1	49	112.5933	After	Interior Girder 2	56.1733	0.95	1	1	16.680533
Lane_serv_opr	BOBJ1	49	112.5933	After	Interior Girder 3	56.1733	0.95	1	1	16.956005
Lane_serv_opr	BOBJ1	49	112.5933	After	Interior Girder 4	56.1733	0.95	1	1	16.956005
Lane_serv_opr	BOBJ1	49	112.5933	After	Interior Girder 5	56.1733	0.95	1	1	16.680533
Lane_serv_opr	BOBJ1	49	112.5933	After	Interior Girder 6	56.1733	0.95	1	1	17.566153
Lane_serv_opr	BOBJ1	49	112.5933	After	Right Exterior Girder	56.1733	0.95	1	1	20.439487
Lane_serv_opr	BOBJ1	50	115.3396	Before	Left Exterior Girder	58.9196	0.95	1	1	15.400978
Lane_serv_opr	BOBJ1	50	115.3396	Before	Right Exterior Girder	58.9196	0.95	1	1	15.400978
Lane_serv_opr	BOBJ1	51	115.3396	After	Left Exterior Girder	58.9196	0.95	1	1	32.998083
Lane_serv_opr	BOBJ1	51	115.3396	After	Right Exterior Girder	58.9196	0.95	1	1	32.998083
Lane_serv_opr	BOBJ1	52	118.2167	Before	Left Exterior Girder	61.7967	0.95	1	1	24.909737
Lane_serv_opr	BOBJ1	52	118.2167	Before	Interior Girder 1	61.9198	0.95	1	1	9.982868
Lane_serv_opr	BOBJ1	52	118.2167	Before	Interior Girder 2	61.9198	0.95	1	1	9.690032
Lane_serv_opr	BOBJ1	52	118.2167	Before	Interior Girder 3	61.9198	0.95	1	1	9.068955
Lane_serv_opr	BOBJ1	52	118.2167	Before	Interior Girder 4	61.9198	0.95	1	1	9.068955
Lane_serv_opr	BOBJ1	52	118.2167	Before	Interior Girder 5	61.9198	0.95	1	1	9.690032
Lane_serv_opr	BOBJ1	52	118.2167	Before	Interior Girder 6	61.9198	0.95	1	1	9.982868
Lane_serv_opr	BOBJ1	52	118.2167	Before	Right Exterior Girder	61.7967	0.95	1	1	24.909737
Lane_serv_opr	BOBJ1	53	118.2167	After	Left Exterior Girder	61.7967	0.95	1	1	25.054681
Lane_serv_opr	BOBJ1	53	118.2167	After	Interior Girder 1	61.9198	0.95	1	1	14.890794
Lane_serv_opr	BOBJ1	53	118.2167	After	Interior Girder 2	61.9198	0.95	1	1	14.357164
Lane_serv_opr	BOBJ1	53	118.2167	After	Interior Girder 3	61.9198	0.95	1	1	13.688771
Lane_serv_opr	BOBJ1	53	118.2167	After	Interior Girder 4	61.9198	0.95	1	1	13.688771
Lane_serv_opr	BOBJ1	53	118.2167	After	Interior Girder 5	61.9198	0.95	1	1	14.357164
Lane_serv_opr	BOBJ1	53	118.2167	After	Interior Girder 6	61.9198	0.95	1	1	14.890794
Lane_serv_opr	BOBJ1	53	118.2167	After	Right Exterior Girder	61.7967	0.95	1	1	25.054681
Lane_serv_opr	BOBJ1	54	123.84	Before	Left Exterior Girder	67.42	0.95	1	1	14.035014
Lane_serv_opr	BOBJ1	54	123.84	Before	Interior Girder 1	67.42	0.95	1	1	8.029132
Lane_serv_opr	BOBJ1	54	123.84	Before	Interior Girder 2	67.42	0.95	1	1	8.004122
Lane_serv_opr	BOBJ1	54	123.84	Before	Interior Girder 3	67.42	0.95	1	1	7.123607
Lane_serv_opr	BOBJ1	54	123.84	Before	Interior Girder 4	67.42	0.95	1	1	7.123607
Lane_serv_opr	BOBJ1	54	123.84	Before	Interior Girder 5	67.42	0.95	1	1	8.004122
Lane_serv_opr	BOBJ1	54	123.84	Before	Interior Girder 6	67.42	0.95	1	1	8.029132
Lane_serv_opr	BOBJ1	54	123.84	Before	Right Exterior Girder	67.42	0.95	1	1	14.035014
Lane_serv_opr	BOBJ1	55	123.84	After	Left Exterior Girder	0	0.95	1	1	13.954843
Lane_serv_opr	BOBJ1	55	123.84	After	Interior Girder 1	0	0.95	1	1	8.055693
Lane_serv_opr	BOBJ1	55	123.84	After	Interior Girder 2	0	0.95	1	1	8.027942
Lane_serv_opr	BOBJ1	55	123.84	After	Interior Girder 3	0	0.95	1	1	7.109937
Lane_serv_opr	BOBJ1	55	123.84	After	Interior Girder 4	0	0.95	1	1	7.109937
Lane_serv_opr	BOBJ1	55	123.84	After	Interior Girder 5	0	0.95	1	1	8.027942
Lane_serv_opr	BOBJ1	55	123.84	After	Interior Girder 6	0	0.95	1	1	8.055693
Lane_serv_opr	BOBJ1	55	123.84	After	Right Exterior Girder	0	0.95	1	1	13.954843
Lane_serv_opr	BOBJ1	56	129.34	Before	Interior Girder 1	5.5	0.95	1	1	14.681654
Lane_serv_opr	BOBJ1	56	129.34	Before	Interior Girder 2	5.5	0.95	1	1	14.222314
Lane_serv_opr	BOBJ1	56	129.34	Before	Interior Girder 3	5.5	0.95	1	1	13.541509
Lane_serv_opr	BOBJ1	56	129.34	Before	Interior Girder 4	5.5	0.95	1	1	13.541509
Lane_serv_opr	BOBJ1	56	129.34	Before	Interior Girder 5	5.5	0.95	1	1	14.222314
Lane_serv_opr	BOBJ1	56	129.34	Before	Interior Girder 6	5.5	0.95	1	1	14.681654
Lane_serv_opr	BOBJ1	57	129.34	After	Interior Girder 1	5.5	0.95	1	1	9.800178
Lane_serv_opr	BOBJ1	57	129.34	After	Interior Girder 2	5.5	0.95	1	1	9.585931

TABLE: Bridge Super Rating AASHTORATE18 31 - SteelICompServ-Flx - Approach, Span 12-15										
Request	BridgeObj	BridgeCut	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	Unitless	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Lane_serv_opr	BOBJ1	57	129.34	After	Interior Girder 3	5.5	0.95	1	1	8.998883
Lane_serv_opr	BOBJ1	57	129.34	After	Interior Girder 4	5.5	0.95	1	1	8.998883
Lane_serv_opr	BOBJ1	57	129.34	After	Interior Girder 5	5.5	0.95	1	1	9.585931
Lane_serv_opr	BOBJ1	57	129.34	After	Interior Girder 6	5.5	0.95	1	1	9.800178
Lane_serv_opr	BOBJ1	58	130.79	Before	Left Exterior Girder	6.95	0.95	1	1	28.553682
Lane_serv_opr	BOBJ1	58	130.79	Before	Interior Girder 1	6.95	0.95	1	1	11.801286
Lane_serv_opr	BOBJ1	58	130.79	Before	Interior Girder 2	6.95	0.95	1	1	11.229884
Lane_serv_opr	BOBJ1	58	130.79	Before	Interior Girder 3	6.95	0.95	1	1	10.835127
Lane_serv_opr	BOBJ1	58	130.79	Before	Interior Girder 4	6.95	0.95	1	1	10.835127
Lane_serv_opr	BOBJ1	58	130.79	Before	Interior Girder 5	6.95	0.95	1	1	11.229884
Lane_serv_opr	BOBJ1	58	130.79	Before	Interior Girder 6	6.95	0.95	1	1	11.801286
Lane_serv_opr	BOBJ1	58	130.79	Before	Right Exterior Girder	6.95	0.95	1	1	28.553682
Lane_serv_opr	BOBJ1	59	130.79	After	Left Exterior Girder	6.95	0.95	1	1	28.859158
Lane_serv_opr	BOBJ1	59	130.79	After	Interior Girder 1	6.95	0.95	1	1	11.730773
Lane_serv_opr	BOBJ1	59	130.79	After	Interior Girder 2	6.95	0.95	1	1	11.166581
Lane_serv_opr	BOBJ1	59	130.79	After	Interior Girder 3	6.95	0.95	1	1	10.686654
Lane_serv_opr	BOBJ1	59	130.79	After	Interior Girder 4	6.95	0.95	1	1	10.686654
Lane_serv_opr	BOBJ1	59	130.79	After	Interior Girder 5	6.95	0.95	1	1	11.166581
Lane_serv_opr	BOBJ1	59	130.79	After	Interior Girder 6	6.95	0.95	1	1	11.730773
Lane_serv_opr	BOBJ1	59	130.79	After	Right Exterior Girder	6.95	0.95	1	1	28.859158
Lane_serv_opr	BOBJ1	60	132.34	Before	Left Exterior Girder	8.5	0.95	1	1	33.925399
Lane_serv_opr	BOBJ1	60	132.34	Before	Right Exterior Girder	8.5	0.95	1	1	33.925399
Lane_serv_opr	BOBJ1	61	132.34	After	Left Exterior Girder	8.5	0.95	1	1	15.505265
Lane_serv_opr	BOBJ1	61	132.34	After	Right Exterior Girder	8.5	0.95	1	1	15.505265
Lane_serv_opr	BOBJ1	62	137.74	Before	Left Exterior Girder	13.9	0.95	1	1	24.583089
Lane_serv_opr	BOBJ1	62	137.74	Before	Interior Girder 1	13.9	0.95	1	1	21.594406
Lane_serv_opr	BOBJ1	62	137.74	Before	Interior Girder 2	13.9	0.95	1	1	20.296319
Lane_serv_opr	BOBJ1	62	137.74	Before	Interior Girder 3	13.9	0.95	1	1	21.850104
Lane_serv_opr	BOBJ1	62	137.74	Before	Interior Girder 4	13.9	0.95	1	1	21.850104
Lane_serv_opr	BOBJ1	62	137.74	Before	Interior Girder 5	13.9	0.95	1	1	20.296319
Lane_serv_opr	BOBJ1	62	137.74	Before	Interior Girder 6	13.9	0.95	1	1	21.594406
Lane_serv_opr	BOBJ1	62	137.74	Before	Right Exterior Girder	13.9	0.95	1	1	24.583089
Lane_serv_opr	BOBJ1	63	137.74	After	Left Exterior Girder	13.9	0.95	1	1	24.217285
Lane_serv_opr	BOBJ1	63	137.74	After	Interior Girder 1	13.9	0.95	1	1	21.774456
Lane_serv_opr	BOBJ1	63	137.74	After	Interior Girder 2	13.9	0.95	1	1	20.314516
Lane_serv_opr	BOBJ1	63	137.74	After	Interior Girder 3	13.9	0.95	1	1	21.646525
Lane_serv_opr	BOBJ1	63	137.74	After	Interior Girder 4	13.9	0.95	1	1	21.646525
Lane_serv_opr	BOBJ1	63	137.74	After	Interior Girder 5	13.9	0.95	1	1	20.314516
Lane_serv_opr	BOBJ1	63	137.74	After	Interior Girder 6	13.9	0.95	1	1	21.774456
Lane_serv_opr	BOBJ1	63	137.74	After	Right Exterior Girder	13.9	0.95	1	1	24.217285
Lane_serv_opr	BOBJ1	64	143.7733	Before	Left Exterior Girder	19.9333	0.95	1	1	25.98158
Lane_serv_opr	BOBJ1	64	143.7733	Before	Interior Girder 1	19.9333	0.95	1	1	20.784563
Lane_serv_opr	BOBJ1	64	143.7733	Before	Interior Girder 2	19.9333	0.95	1	1	20.331444
Lane_serv_opr	BOBJ1	64	143.7733	Before	Interior Girder 3	19.9333	0.95	1	1	20.68406
Lane_serv_opr	BOBJ1	64	143.7733	Before	Interior Girder 4	19.9333	0.95	1	1	20.68406
Lane_serv_opr	BOBJ1	64	143.7733	Before	Interior Girder 5	19.9333	0.95	1	1	20.331444
Lane_serv_opr	BOBJ1	64	143.7733	Before	Interior Girder 6	19.9333	0.95	1	1	20.784563
Lane_serv_opr	BOBJ1	64	143.7733	Before	Right Exterior Girder	19.9333	0.95	1	1	25.98158
Lane_serv_opr	BOBJ1	65	143.7733	After	Left Exterior Girder	19.9333	0.95	1	1	26.325895
Lane_serv_opr	BOBJ1	65	143.7733	After	Interior Girder 1	19.9333	0.95	1	1	20.551987
Lane_serv_opr	BOBJ1	65	143.7733	After	Interior Girder 2	19.9333	0.95	1	1	20.336624
Lane_serv_opr	BOBJ1	65	143.7733	After	Interior Girder 3	19.9333	0.95	1	1	21.00325
Lane_serv_opr	BOBJ1	65	143.7733	After	Interior Girder 4	19.9333	0.95	1	1	21.00325
Lane_serv_opr	BOBJ1	65	143.7733	After	Interior Girder 5	19.9333	0.95	1	1	20.336624
Lane_serv_opr	BOBJ1	65	143.7733	After	Interior Girder 6	19.9333	0.95	1	1	20.551987
Lane_serv_opr	BOBJ1	65	143.7733	After	Right Exterior Girder	19.9333	0.95	1	1	26.325895
Lane_serv_opr	BOBJ1	66	149.8067	Before	Left Exterior Girder	25.9667	0.95	1	1	18.998223
Lane_serv_opr	BOBJ1	66	149.8067	Before	Interior Girder 1	25.9667	0.95	1	1	15.741263
Lane_serv_opr	BOBJ1	66	149.8067	Before	Interior Girder 2	25.9667	0.95	1	1	15.399936
Lane_serv_opr	BOBJ1	66	149.8067	Before	Interior Girder 3	25.9667	0.95	1	1	15.681688
Lane_serv_opr	BOBJ1	66	149.8067	Before	Interior Girder 4	25.9667	0.95	1	1	15.681688
Lane_serv_opr	BOBJ1	66	149.8067	Before	Interior Girder 5	25.9667	0.95	1	1	15.399936
Lane_serv_opr	BOBJ1	66	149.8067	Before	Interior Girder 6	25.9667	0.95	1	1	15.741263
Lane_serv_opr	BOBJ1	66	149.8067	Before	Right Exterior Girder	25.9667	0.95	1	1	18.998223
Lane_serv_opr	BOBJ1	67	149.8067	After	Left Exterior Girder	25.9667	0.95	1	1	18.878292
Lane_serv_opr	BOBJ1	67	149.8067	After	Interior Girder 1	25.9667	0.95	1	1	15.782434
Lane_serv_opr	BOBJ1	67	149.8067	After	Interior Girder 2	25.9667	0.95	1	1	15.495284
Lane_serv_opr	BOBJ1	67	149.8067	After	Interior Girder 3	25.9667	0.95	1	1	15.88678
Lane_serv_opr	BOBJ1	67	149.8067	After	Interior Girder 4	25.9667	0.95	1	1	15.88678
Lane_serv_opr	BOBJ1	67	149.8067	After	Interior Girder 5	25.9667	0.95	1	1	15.495284
Lane_serv_opr	BOBJ1	67	149.8067	After	Interior Girder 6	25.9667	0.95	1	1	15.782434
Lane_serv_opr	BOBJ1	67	149.8067	After	Right Exterior Girder	25.9667	0.95	1	1	18.878292
Lane_serv_opr	BOBJ1	68	155.84	Before	Left Exterior Girder	32	0.95	1	1	15.920473

TABLE: Bridge Super Rating AASHTORATE18 31 - SteelICompServ-Flx - Approach, Span 12-15										
Request	BridgeObj	BridgeCut	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	Unitless	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Lane_serv_opr	BOBJ1	68	155.84	Before	Interior Girder 1	32	0.95	1	1	14.737481
Lane_serv_opr	BOBJ1	68	155.84	Before	Interior Girder 2	32	0.95	1	1	14.162142
Lane_serv_opr	BOBJ1	68	155.84	Before	Interior Girder 3	32	0.95	1	1	14.503557
Lane_serv_opr	BOBJ1	68	155.84	Before	Interior Girder 4	32	0.95	1	1	14.503557
Lane_serv_opr	BOBJ1	68	155.84	Before	Interior Girder 5	32	0.95	1	1	14.162142
Lane_serv_opr	BOBJ1	68	155.84	Before	Interior Girder 6	32	0.95	1	1	14.737481
Lane_serv_opr	BOBJ1	68	155.84	Before	Right Exterior Girder	32	0.95	1	1	15.920473
Lane_serv_opr	BOBJ1	69	155.84	After	Left Exterior Girder	32	0.95	1	1	15.979332
Lane_serv_opr	BOBJ1	69	155.84	After	Interior Girder 1	32	0.95	1	1	14.687034
Lane_serv_opr	BOBJ1	69	155.84	After	Interior Girder 2	32	0.95	1	1	14.159533
Lane_serv_opr	BOBJ1	69	155.84	After	Interior Girder 3	32	0.95	1	1	14.50777
Lane_serv_opr	BOBJ1	69	155.84	After	Interior Girder 4	32	0.95	1	1	14.50777
Lane_serv_opr	BOBJ1	69	155.84	After	Interior Girder 5	32	0.95	1	1	14.159533
Lane_serv_opr	BOBJ1	69	155.84	After	Interior Girder 6	32	0.95	1	1	14.687034
Lane_serv_opr	BOBJ1	69	155.84	After	Right Exterior Girder	32	0.95	1	1	15.979332
Lane_serv_opr	BOBJ1	70	161.8733	Before	Left Exterior Girder	38.0333	0.95	1	1	17.770032
Lane_serv_opr	BOBJ1	70	161.8733	Before	Interior Girder 1	38.0333	0.95	1	1	14.851732
Lane_serv_opr	BOBJ1	70	161.8733	Before	Interior Girder 2	38.0333	0.95	1	1	14.494839
Lane_serv_opr	BOBJ1	70	161.8733	Before	Interior Girder 3	38.0333	0.95	1	1	14.788313
Lane_serv_opr	BOBJ1	70	161.8733	Before	Interior Girder 4	38.0333	0.95	1	1	14.788313
Lane_serv_opr	BOBJ1	70	161.8733	Before	Interior Girder 5	38.0333	0.95	1	1	14.494839
Lane_serv_opr	BOBJ1	70	161.8733	Before	Interior Girder 6	38.0333	0.95	1	1	14.851732
Lane_serv_opr	BOBJ1	70	161.8733	Before	Right Exterior Girder	38.0333	0.95	1	1	17.770032
Lane_serv_opr	BOBJ1	71	161.8733	After	Left Exterior Girder	38.0333	0.95	1	1	17.868739
Lane_serv_opr	BOBJ1	71	161.8733	After	Interior Girder 1	38.0333	0.95	1	1	14.794055
Lane_serv_opr	BOBJ1	71	161.8733	After	Interior Girder 2	38.0333	0.95	1	1	14.432324
Lane_serv_opr	BOBJ1	71	161.8733	After	Interior Girder 3	38.0333	0.95	1	1	14.654585
Lane_serv_opr	BOBJ1	71	161.8733	After	Interior Girder 4	38.0333	0.95	1	1	14.654585
Lane_serv_opr	BOBJ1	71	161.8733	After	Interior Girder 5	38.0333	0.95	1	1	14.432324
Lane_serv_opr	BOBJ1	71	161.8733	After	Interior Girder 6	38.0333	0.95	1	1	14.794055
Lane_serv_opr	BOBJ1	71	161.8733	After	Right Exterior Girder	38.0333	0.95	1	1	17.868739
Lane_serv_opr	BOBJ1	72	167.9067	Before	Left Exterior Girder	44.0667	0.95	1	1	23.066975
Lane_serv_opr	BOBJ1	72	167.9067	Before	Interior Girder 1	44.0667	0.95	1	1	18.05559
Lane_serv_opr	BOBJ1	72	167.9067	Before	Interior Girder 2	44.0667	0.95	1	1	17.619637
Lane_serv_opr	BOBJ1	72	167.9067	Before	Interior Girder 3	44.0667	0.95	1	1	17.98727
Lane_serv_opr	BOBJ1	72	167.9067	Before	Interior Girder 4	44.0667	0.95	1	1	17.98727
Lane_serv_opr	BOBJ1	72	167.9067	Before	Interior Girder 5	44.0667	0.95	1	1	17.619637
Lane_serv_opr	BOBJ1	72	167.9067	Before	Interior Girder 6	44.0667	0.95	1	1	18.05559
Lane_serv_opr	BOBJ1	72	167.9067	Before	Right Exterior Girder	44.0667	0.95	1	1	23.066975
Lane_serv_opr	BOBJ1	73	167.9067	After	Left Exterior Girder	44.0667	0.95	1	1	22.654739
Lane_serv_opr	BOBJ1	73	167.9067	After	Interior Girder 1	44.0667	0.95	1	1	18.269089
Lane_serv_opr	BOBJ1	73	167.9067	After	Interior Girder 2	44.0667	0.95	1	1	17.66169
Lane_serv_opr	BOBJ1	73	167.9067	After	Interior Girder 3	44.0667	0.95	1	1	17.803357
Lane_serv_opr	BOBJ1	73	167.9067	After	Interior Girder 4	44.0667	0.95	1	1	17.803357
Lane_serv_opr	BOBJ1	73	167.9067	After	Interior Girder 5	44.0667	0.95	1	1	17.66169
Lane_serv_opr	BOBJ1	73	167.9067	After	Interior Girder 6	44.0667	0.95	1	1	18.269089
Lane_serv_opr	BOBJ1	73	167.9067	After	Right Exterior Girder	44.0667	0.95	1	1	22.654739
Lane_serv_opr	BOBJ1	74	173.94	Before	Left Exterior Girder	50.1	0.95	1	1	35.462635
Lane_serv_opr	BOBJ1	74	173.94	Before	Interior Girder 1	50.1	0.95	1	1	29.586138
Lane_serv_opr	BOBJ1	74	173.94	Before	Interior Girder 2	50.1	0.95	1	1	27.696773
Lane_serv_opr	BOBJ1	74	173.94	Before	Interior Girder 3	50.1	0.95	1	1	28.56464
Lane_serv_opr	BOBJ1	74	173.94	Before	Interior Girder 4	50.1	0.95	1	1	28.56464
Lane_serv_opr	BOBJ1	74	173.94	Before	Interior Girder 5	50.1	0.95	1	1	27.696773
Lane_serv_opr	BOBJ1	74	173.94	Before	Interior Girder 6	50.1	0.95	1	1	29.586138
Lane_serv_opr	BOBJ1	74	173.94	Before	Right Exterior Girder	50.1	0.95	1	1	35.462635
Lane_serv_opr	BOBJ1	75	173.94	After	Left Exterior Girder	50.1	0.95	1	1	35.360169
Lane_serv_opr	BOBJ1	75	173.94	After	Interior Girder 1	50.1	0.95	1	1	29.677608
Lane_serv_opr	BOBJ1	75	173.94	After	Interior Girder 2	50.1	0.95	1	1	27.586244
Lane_serv_opr	BOBJ1	75	173.94	After	Interior Girder 3	50.1	0.95	1	1	27.869366
Lane_serv_opr	BOBJ1	75	173.94	After	Interior Girder 4	50.1	0.95	1	1	27.869366
Lane_serv_opr	BOBJ1	75	173.94	After	Interior Girder 5	50.1	0.95	1	1	27.586244
Lane_serv_opr	BOBJ1	75	173.94	After	Interior Girder 6	50.1	0.95	1	1	29.677608
Lane_serv_opr	BOBJ1	75	173.94	After	Right Exterior Girder	50.1	0.95	1	1	35.360169
Lane_serv_opr	BOBJ1	76	179.98	Before	Left Exterior Girder	56.14	0.95	1	1	28.751267
Lane_serv_opr	BOBJ1	76	179.98	Before	Interior Girder 1	56.14	0.95	1	1	23.722128
Lane_serv_opr	BOBJ1	76	179.98	Before	Interior Girder 2	56.14	0.95	1	1	22.382019
Lane_serv_opr	BOBJ1	76	179.98	Before	Interior Girder 3	56.14	0.95	1	1	22.14971
Lane_serv_opr	BOBJ1	76	179.98	Before	Interior Girder 4	56.14	0.95	1	1	22.14971
Lane_serv_opr	BOBJ1	76	179.98	Before	Interior Girder 5	56.14	0.95	1	1	22.382019
Lane_serv_opr	BOBJ1	76	179.98	Before	Interior Girder 6	56.14	0.95	1	1	23.722128
Lane_serv_opr	BOBJ1	76	179.98	Before	Right Exterior Girder	56.14	0.95	1	1	28.751267
Lane_serv_opr	BOBJ1	77	179.98	After	Left Exterior Girder	56.14	0.95	1	1	29.525593
Lane_serv_opr	BOBJ1	77	179.98	After	Interior Girder 1	56.14	0.95	1	1	23.671886

TABLE: Bridge Super Rating AASHTORATE18 31 - SteelICompServ-Flx - Approach, Span 12-15										
Request	BridgeObj	BridgeCut	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	Unitless	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Lane_serv_opr	BOBJ1	77	179.98	After	Interior Girder 2	56.14	0.95	1	1	22.496228
Lane_serv_opr	BOBJ1	77	179.98	After	Interior Girder 3	56.14	0.95	1	1	22.534512
Lane_serv_opr	BOBJ1	77	179.98	After	Interior Girder 4	56.14	0.95	1	1	22.534512
Lane_serv_opr	BOBJ1	77	179.98	After	Interior Girder 5	56.14	0.95	1	1	22.496228
Lane_serv_opr	BOBJ1	77	179.98	After	Interior Girder 6	56.14	0.95	1	1	23.671886
Lane_serv_opr	BOBJ1	77	179.98	After	Right Exterior Girder	56.14	0.95	1	1	29.525593
Lane_serv_opr	BOBJ1	78	183.56	Before	Left Exterior Girder	59.72	0.95	1	1	18.505127
Lane_serv_opr	BOBJ1	78	183.56	Before	Right Exterior Girder	59.72	0.95	1	1	18.505127
Lane_serv_opr	BOBJ1	79	183.56	After	Left Exterior Girder	59.72	0.95	1	1	42.7414
Lane_serv_opr	BOBJ1	79	183.56	After	Right Exterior Girder	59.72	0.95	1	1	42.7414
Lane_serv_opr	BOBJ1	80	186.02	Before	Left Exterior Girder	62.18	0.95	1	1	31.379792
Lane_serv_opr	BOBJ1	80	186.02	Before	Interior Girder 1	62.22	0.95	1	1	11.678185
Lane_serv_opr	BOBJ1	80	186.02	Before	Interior Girder 2	62.22	0.95	1	1	11.418747
Lane_serv_opr	BOBJ1	80	186.02	Before	Interior Girder 3	62.22	0.95	1	1	10.533783
Lane_serv_opr	BOBJ1	80	186.02	Before	Interior Girder 4	62.22	0.95	1	1	10.533783
Lane_serv_opr	BOBJ1	80	186.02	Before	Interior Girder 5	62.22	0.95	1	1	11.418747
Lane_serv_opr	BOBJ1	80	186.02	Before	Interior Girder 6	62.22	0.95	1	1	11.678185
Lane_serv_opr	BOBJ1	80	186.02	Before	Right Exterior Girder	62.18	0.95	1	1	31.379792
Lane_serv_opr	BOBJ1	81	186.02	After	Left Exterior Girder	62.18	0.95	1	1	31.629433
Lane_serv_opr	BOBJ1	81	186.02	After	Interior Girder 1	62.22	0.95	1	1	18.41334
Lane_serv_opr	BOBJ1	81	186.02	After	Interior Girder 2	62.22	0.95	1	1	17.873592
Lane_serv_opr	BOBJ1	81	186.02	After	Interior Girder 3	62.22	0.95	1	1	16.85992
Lane_serv_opr	BOBJ1	81	186.02	After	Interior Girder 4	62.22	0.95	1	1	16.85992
Lane_serv_opr	BOBJ1	81	186.02	After	Interior Girder 5	62.22	0.95	1	1	17.873592
Lane_serv_opr	BOBJ1	81	186.02	After	Interior Girder 6	62.22	0.95	1	1	18.41334
Lane_serv_opr	BOBJ1	81	186.02	After	Right Exterior Girder	62.18	0.95	1	1	31.629433
Lane_serv_opr	BOBJ1	82	192.06	Before	Left Exterior Girder	68.22	0.95	1	1	16.047328
Lane_serv_opr	BOBJ1	82	192.06	Before	Interior Girder 1	68.22	0.95	1	1	9.071058
Lane_serv_opr	BOBJ1	82	192.06	Before	Interior Girder 2	68.22	0.95	1	1	9.124673
Lane_serv_opr	BOBJ1	82	192.06	Before	Interior Girder 3	68.22	0.95	1	1	8.061538
Lane_serv_opr	BOBJ1	82	192.06	Before	Interior Girder 4	68.22	0.95	1	1	8.061538
Lane_serv_opr	BOBJ1	82	192.06	Before	Interior Girder 5	68.22	0.95	1	1	9.124673
Lane_serv_opr	BOBJ1	82	192.06	Before	Interior Girder 6	68.22	0.95	1	1	9.071058
Lane_serv_opr	BOBJ1	82	192.06	Before	Right Exterior Girder	68.22	0.95	1	1	16.047328
Lane_serv_opr	BOBJ1	83	192.06	After	Left Exterior Girder	0	0.95	1	1	16.049118
Lane_serv_opr	BOBJ1	83	192.06	After	Interior Girder 1	0	0.95	1	1	9.135024
Lane_serv_opr	BOBJ1	83	192.06	After	Interior Girder 2	0	0.95	1	1	9.199934
Lane_serv_opr	BOBJ1	83	192.06	After	Interior Girder 3	0	0.95	1	1	8.097852
Lane_serv_opr	BOBJ1	83	192.06	After	Interior Girder 4	0	0.95	1	1	8.097852
Lane_serv_opr	BOBJ1	83	192.06	After	Interior Girder 5	0	0.95	1	1	9.199934
Lane_serv_opr	BOBJ1	83	192.06	After	Interior Girder 6	0	0.95	1	1	9.135024
Lane_serv_opr	BOBJ1	83	192.06	After	Right Exterior Girder	0	0.95	1	1	16.049118
Lane_serv_opr	BOBJ1	84	197.087	Before	Interior Girder 1	5.027	0.95	1	1	15.694757
Lane_serv_opr	BOBJ1	84	197.087	Before	Interior Girder 2	5.027	0.95	1	1	15.245913
Lane_serv_opr	BOBJ1	84	197.087	Before	Interior Girder 3	5.027	0.95	1	1	14.89381
Lane_serv_opr	BOBJ1	84	197.087	Before	Interior Girder 4	5.027	0.95	1	1	14.89381
Lane_serv_opr	BOBJ1	84	197.087	Before	Interior Girder 5	5.027	0.95	1	1	15.245913
Lane_serv_opr	BOBJ1	84	197.087	Before	Interior Girder 6	5.027	0.95	1	1	15.694757
Lane_serv_opr	BOBJ1	85	197.087	After	Interior Girder 1	5.027	0.95	1	1	9.835556
Lane_serv_opr	BOBJ1	85	197.087	After	Interior Girder 2	5.027	0.95	1	1	9.617625
Lane_serv_opr	BOBJ1	85	197.087	After	Interior Girder 3	5.027	0.95	1	1	9.29255
Lane_serv_opr	BOBJ1	85	197.087	After	Interior Girder 4	5.027	0.95	1	1	9.29255
Lane_serv_opr	BOBJ1	85	197.087	After	Interior Girder 5	5.027	0.95	1	1	9.617625
Lane_serv_opr	BOBJ1	85	197.087	After	Interior Girder 6	5.027	0.95	1	1	9.835556
Lane_serv_opr	BOBJ1	86	197.91	Before	Left Exterior Girder	5.85	0.95	1	1	27.842315
Lane_serv_opr	BOBJ1	86	197.91	Before	Interior Girder 1	5.85	0.95	1	1	10.926913
Lane_serv_opr	BOBJ1	86	197.91	Before	Interior Girder 2	5.85	0.95	1	1	10.473558
Lane_serv_opr	BOBJ1	86	197.91	Before	Interior Girder 3	5.85	0.95	1	1	10.34612
Lane_serv_opr	BOBJ1	86	197.91	Before	Interior Girder 4	5.85	0.95	1	1	10.34612
Lane_serv_opr	BOBJ1	86	197.91	Before	Interior Girder 5	5.85	0.95	1	1	10.473558
Lane_serv_opr	BOBJ1	86	197.91	Before	Interior Girder 6	5.85	0.95	1	1	10.926913
Lane_serv_opr	BOBJ1	86	197.91	Before	Right Exterior Girder	5.85	0.95	1	1	27.842315
Lane_serv_opr	BOBJ1	87	197.91	After	Left Exterior Girder	5.85	0.95	1	1	27.903725
Lane_serv_opr	BOBJ1	87	197.91	After	Interior Girder 1	5.85	0.95	1	1	10.926977
Lane_serv_opr	BOBJ1	87	197.91	After	Interior Girder 2	5.85	0.95	1	1	10.456629
Lane_serv_opr	BOBJ1	87	197.91	After	Interior Girder 3	5.85	0.95	1	1	10.219335
Lane_serv_opr	BOBJ1	87	197.91	After	Interior Girder 4	5.85	0.95	1	1	10.219335
Lane_serv_opr	BOBJ1	87	197.91	After	Interior Girder 5	5.85	0.95	1	1	10.456629
Lane_serv_opr	BOBJ1	87	197.91	After	Interior Girder 6	5.85	0.95	1	1	10.926977
Lane_serv_opr	BOBJ1	87	197.91	After	Right Exterior Girder	5.85	0.95	1	1	27.903725
Lane_serv_opr	BOBJ1	88	199.1816	Before	Left Exterior Girder	7.1216	0.95	1	1	30.756217
Lane_serv_opr	BOBJ1	88	199.1816	Before	Right Exterior Girder	7.1216	0.95	1	1	30.756217
Lane_serv_opr	BOBJ1	89	199.1816	After	Left Exterior Girder	7.1216	0.95	1	1	13.130084

TABLE: Bridge Super Rating AASHTORATE18 31 - SteelICompServ-Flx - Approach, Span 12-15										
Request	BridgeObj	BridgeCut	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	Unitless	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Lane_serv_opr	BOBJ1	89	199.1816	After	Right Exterior Girder	7.1216	0.95	1	1	13.130084
Lane_serv_opr	BOBJ1	90	203.5267	Before	Left Exterior Girder	11.3107	0.95	1	1	18.192323
Lane_serv_opr	BOBJ1	90	203.5267	Before	Interior Girder 1	11.3107	0.95	1	1	17.192301
Lane_serv_opr	BOBJ1	90	203.5267	Before	Interior Girder 2	11.3107	0.95	1	1	16.248951
Lane_serv_opr	BOBJ1	90	203.5267	Before	Interior Girder 3	11.3107	0.95	1	1	17.08142
Lane_serv_opr	BOBJ1	90	203.5267	Before	Interior Girder 4	11.3107	0.95	1	1	17.08142
Lane_serv_opr	BOBJ1	90	203.5267	Before	Interior Girder 5	11.3107	0.95	1	1	16.248951
Lane_serv_opr	BOBJ1	90	203.5267	Before	Interior Girder 6	11.3107	0.95	1	1	17.192301
Lane_serv_opr	BOBJ1	90	203.5267	Before	Right Exterior Girder	11.3107	0.95	1	1	18.192323
Lane_serv_opr	BOBJ1	91	203.5267	After	Left Exterior Girder	11.3107	0.95	1	1	28.807173
Lane_serv_opr	BOBJ1	91	203.5267	After	Interior Girder 1	11.3107	0.95	1	1	27.093281
Lane_serv_opr	BOBJ1	91	203.5267	After	Interior Girder 2	11.3107	0.95	1	1	25.659659
Lane_serv_opr	BOBJ1	91	203.5267	After	Interior Girder 3	11.3107	0.95	1	1	26.898478
Lane_serv_opr	BOBJ1	91	203.5267	After	Interior Girder 4	11.3107	0.95	1	1	26.898478
Lane_serv_opr	BOBJ1	91	203.5267	After	Interior Girder 5	11.3107	0.95	1	1	25.659659
Lane_serv_opr	BOBJ1	91	203.5267	After	Interior Girder 6	11.3107	0.95	1	1	27.093281
Lane_serv_opr	BOBJ1	91	203.5267	After	Right Exterior Girder	11.3107	0.95	1	1	28.807173
Lane_serv_opr	BOBJ1	92	209.1433	Before	Left Exterior Girder	17.0833	0.95	1	1	33.996033
Lane_serv_opr	BOBJ1	92	209.1433	Before	Interior Girder 1	17.0833	0.95	1	1	28.804593
Lane_serv_opr	BOBJ1	92	209.1433	Before	Interior Girder 2	17.0833	0.95	1	1	28.16179
Lane_serv_opr	BOBJ1	92	209.1433	Before	Interior Girder 3	17.0833	0.95	1	1	28.980188
Lane_serv_opr	BOBJ1	92	209.1433	Before	Interior Girder 4	17.0833	0.95	1	1	28.980188
Lane_serv_opr	BOBJ1	92	209.1433	Before	Interior Girder 5	17.0833	0.95	1	1	28.16179
Lane_serv_opr	BOBJ1	92	209.1433	Before	Interior Girder 6	17.0833	0.95	1	1	28.804593
Lane_serv_opr	BOBJ1	92	209.1433	Before	Right Exterior Girder	17.0833	0.95	1	1	33.996033
Lane_serv_opr	BOBJ1	93	209.1433	After	Left Exterior Girder	17.0833	0.95	1	1	33.146792
Lane_serv_opr	BOBJ1	93	209.1433	After	Interior Girder 1	17.0833	0.95	1	1	29.06631
Lane_serv_opr	BOBJ1	93	209.1433	After	Interior Girder 2	17.0833	0.95	1	1	28.421397
Lane_serv_opr	BOBJ1	93	209.1433	After	Interior Girder 3	17.0833	0.95	1	1	29.606486
Lane_serv_opr	BOBJ1	93	209.1433	After	Interior Girder 4	17.0833	0.95	1	1	29.606486
Lane_serv_opr	BOBJ1	93	209.1433	After	Interior Girder 5	17.0833	0.95	1	1	28.421397
Lane_serv_opr	BOBJ1	93	209.1433	After	Interior Girder 6	17.0833	0.95	1	1	29.06631
Lane_serv_opr	BOBJ1	93	209.1433	After	Right Exterior Girder	17.0833	0.95	1	1	33.146792
Lane_serv_opr	BOBJ1	94	214.76	Before	Left Exterior Girder	22.7	0.95	1	1	26.510281
Lane_serv_opr	BOBJ1	94	214.76	Before	Interior Girder 1	22.7	0.95	1	1	22.837463
Lane_serv_opr	BOBJ1	94	214.76	Before	Interior Girder 2	22.7	0.95	1	1	21.982542
Lane_serv_opr	BOBJ1	94	214.76	Before	Interior Girder 3	22.7	0.95	1	1	22.434784
Lane_serv_opr	BOBJ1	94	214.76	Before	Interior Girder 4	22.7	0.95	1	1	22.434784
Lane_serv_opr	BOBJ1	94	214.76	Before	Interior Girder 5	22.7	0.95	1	1	21.982542
Lane_serv_opr	BOBJ1	94	214.76	Before	Interior Girder 6	22.7	0.95	1	1	22.837463
Lane_serv_opr	BOBJ1	94	214.76	Before	Right Exterior Girder	22.7	0.95	1	1	26.510281
Lane_serv_opr	BOBJ1	95	214.76	After	Left Exterior Girder	22.7	0.95	1	1	26.368298
Lane_serv_opr	BOBJ1	95	214.76	After	Interior Girder 1	22.7	0.95	1	1	22.81607
Lane_serv_opr	BOBJ1	95	214.76	After	Interior Girder 2	22.7	0.95	1	1	22.011988
Lane_serv_opr	BOBJ1	95	214.76	After	Interior Girder 3	22.7	0.95	1	1	22.594854
Lane_serv_opr	BOBJ1	95	214.76	After	Interior Girder 4	22.7	0.95	1	1	22.594854
Lane_serv_opr	BOBJ1	95	214.76	After	Interior Girder 5	22.7	0.95	1	1	22.011988
Lane_serv_opr	BOBJ1	95	214.76	After	Interior Girder 6	22.7	0.95	1	1	22.81607
Lane_serv_opr	BOBJ1	95	214.76	After	Right Exterior Girder	22.7	0.95	1	1	26.368298
Lane_serv_opr	BOBJ1	96	220.3767	Before	Left Exterior Girder	28.3167	0.95	1	1	25.269824
Lane_serv_opr	BOBJ1	96	220.3767	Before	Interior Girder 1	28.3167	0.95	1	1	19.626204
Lane_serv_opr	BOBJ1	96	220.3767	Before	Interior Girder 2	28.3167	0.95	1	1	19.265187
Lane_serv_opr	BOBJ1	96	220.3767	Before	Interior Girder 3	28.3167	0.95	1	1	19.516408
Lane_serv_opr	BOBJ1	96	220.3767	Before	Interior Girder 4	28.3167	0.95	1	1	19.516408
Lane_serv_opr	BOBJ1	96	220.3767	Before	Interior Girder 5	28.3167	0.95	1	1	19.265187
Lane_serv_opr	BOBJ1	96	220.3767	Before	Interior Girder 6	28.3167	0.95	1	1	19.626204
Lane_serv_opr	BOBJ1	96	220.3767	Before	Right Exterior Girder	28.3167	0.95	1	1	25.269824
Lane_serv_opr	BOBJ1	97	220.3767	After	Left Exterior Girder	28.3167	0.95	1	1	25.394081
Lane_serv_opr	BOBJ1	97	220.3767	After	Interior Girder 1	28.3167	0.95	1	1	19.564421
Lane_serv_opr	BOBJ1	97	220.3767	After	Interior Girder 2	28.3167	0.95	1	1	19.203118
Lane_serv_opr	BOBJ1	97	220.3767	After	Interior Girder 3	28.3167	0.95	1	1	19.481614
Lane_serv_opr	BOBJ1	97	220.3767	After	Interior Girder 4	28.3167	0.95	1	1	19.481614
Lane_serv_opr	BOBJ1	97	220.3767	After	Interior Girder 5	28.3167	0.95	1	1	19.203118
Lane_serv_opr	BOBJ1	97	220.3767	After	Interior Girder 6	28.3167	0.95	1	1	19.564421
Lane_serv_opr	BOBJ1	97	220.3767	After	Right Exterior Girder	28.3167	0.95	1	1	25.394081
Lane_serv_opr	BOBJ1	98	225.9933	Before	Left Exterior Girder	33.9333	0.95	1	1	25.49735
Lane_serv_opr	BOBJ1	98	225.9933	Before	Interior Girder 1	33.9333	0.95	1	1	19.335042
Lane_serv_opr	BOBJ1	98	225.9933	Before	Interior Girder 2	33.9333	0.95	1	1	19.095139
Lane_serv_opr	BOBJ1	98	225.9933	Before	Interior Girder 3	33.9333	0.95	1	1	19.274114
Lane_serv_opr	BOBJ1	98	225.9933	Before	Interior Girder 4	33.9333	0.95	1	1	19.274114
Lane_serv_opr	BOBJ1	98	225.9933	Before	Interior Girder 5	33.9333	0.95	1	1	19.095139
Lane_serv_opr	BOBJ1	98	225.9933	Before	Interior Girder 6	33.9333	0.95	1	1	19.335042
Lane_serv_opr	BOBJ1	98	225.9933	Before	Right Exterior Girder	33.9333	0.95	1	1	25.49735

TABLE: Bridge Super Rating AASHTORATE18 31 - SteelICompServ-Flx - Approach, Span 12-15										
Request	BridgeObj	BridgeCut	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	Unitless	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Lane_serv_opr	BOBJ1	99	225.9933	After	Left Exterior Girder	33.9333	0.95	1	1	25.261302
Lane_serv_opr	BOBJ1	99	225.9933	After	Interior Girder 1	33.9333	0.95	1	1	19.459558
Lane_serv_opr	BOBJ1	99	225.9933	After	Interior Girder 2	33.9333	0.95	1	1	19.092919
Lane_serv_opr	BOBJ1	99	225.9933	After	Interior Girder 3	33.9333	0.95	1	1	19.207485
Lane_serv_opr	BOBJ1	99	225.9933	After	Interior Girder 4	33.9333	0.95	1	1	19.207485
Lane_serv_opr	BOBJ1	99	225.9933	After	Interior Girder 5	33.9333	0.95	1	1	19.092919
Lane_serv_opr	BOBJ1	99	225.9933	After	Interior Girder 6	33.9333	0.95	1	1	19.459558
Lane_serv_opr	BOBJ1	99	225.9933	After	Right Exterior Girder	33.9333	0.95	1	1	25.261302
Lane_serv_opr	BOBJ1	100	231.61	Before	Left Exterior Girder	39.55	0.95	1	1	27.803186
Lane_serv_opr	BOBJ1	100	231.61	Before	Interior Girder 1	39.55	0.95	1	1	22.183772
Lane_serv_opr	BOBJ1	100	231.61	Before	Interior Girder 2	39.55	0.95	1	1	21.655302
Lane_serv_opr	BOBJ1	100	231.61	Before	Interior Girder 3	39.55	0.95	1	1	21.800822
Lane_serv_opr	BOBJ1	100	231.61	Before	Interior Girder 4	39.55	0.95	1	1	21.800822
Lane_serv_opr	BOBJ1	100	231.61	Before	Interior Girder 5	39.55	0.95	1	1	21.655302
Lane_serv_opr	BOBJ1	100	231.61	Before	Interior Girder 6	39.55	0.95	1	1	22.183772
Lane_serv_opr	BOBJ1	100	231.61	Before	Right Exterior Girder	39.55	0.95	1	1	27.803186
Lane_serv_opr	BOBJ1	101	231.61	After	Left Exterior Girder	39.55	0.95	1	1	27.844839
Lane_serv_opr	BOBJ1	101	231.61	After	Interior Girder 1	39.55	0.95	1	1	22.215587
Lane_serv_opr	BOBJ1	101	231.61	After	Interior Girder 2	39.55	0.95	1	1	21.527519
Lane_serv_opr	BOBJ1	101	231.61	After	Interior Girder 3	39.55	0.95	1	1	21.494724
Lane_serv_opr	BOBJ1	101	231.61	After	Interior Girder 4	39.55	0.95	1	1	21.494724
Lane_serv_opr	BOBJ1	101	231.61	After	Interior Girder 5	39.55	0.95	1	1	21.527519
Lane_serv_opr	BOBJ1	101	231.61	After	Interior Girder 6	39.55	0.95	1	1	22.215587
Lane_serv_opr	BOBJ1	101	231.61	After	Right Exterior Girder	39.55	0.95	1	1	27.844839
Lane_serv_opr	BOBJ1	102	237.37	Before	Left Exterior Girder	45.31	0.95	1	1	39.223077
Lane_serv_opr	BOBJ1	102	237.37	Before	Interior Girder 1	45.31	0.95	1	1	28.462581
Lane_serv_opr	BOBJ1	102	237.37	Before	Interior Girder 2	45.31	0.95	1	1	28.406322
Lane_serv_opr	BOBJ1	102	237.37	Before	Interior Girder 3	45.31	0.95	1	1	28.293544
Lane_serv_opr	BOBJ1	102	237.37	Before	Interior Girder 4	45.31	0.95	1	1	28.293544
Lane_serv_opr	BOBJ1	102	237.37	Before	Interior Girder 5	45.31	0.95	1	1	28.406322
Lane_serv_opr	BOBJ1	102	237.37	Before	Interior Girder 6	45.31	0.95	1	1	28.462581
Lane_serv_opr	BOBJ1	102	237.37	Before	Right Exterior Girder	45.31	0.95	1	1	39.223077
Lane_serv_opr	BOBJ1	103	237.37	After	Left Exterior Girder	45.31	0.95	1	1	40.170441
Lane_serv_opr	BOBJ1	103	237.37	After	Interior Girder 1	45.31	0.95	1	1	28.323461
Lane_serv_opr	BOBJ1	103	237.37	After	Interior Girder 2	45.31	0.95	1	1	28.010675
Lane_serv_opr	BOBJ1	103	237.37	After	Interior Girder 3	45.31	0.95	1	1	27.555744
Lane_serv_opr	BOBJ1	103	237.37	After	Interior Girder 4	45.31	0.95	1	1	27.555744
Lane_serv_opr	BOBJ1	103	237.37	After	Interior Girder 5	45.31	0.95	1	1	28.010675
Lane_serv_opr	BOBJ1	103	237.37	After	Interior Girder 6	45.31	0.95	1	1	28.323461
Lane_serv_opr	BOBJ1	103	237.37	After	Right Exterior Girder	45.31	0.95	1	1	40.170441
Lane_serv_opr	BOBJ1	104	243.13	Before	Left Exterior Girder	51.07	0.95	1	1	74.778304
Lane_serv_opr	BOBJ1	104	243.13	Before	Interior Girder 1	51.07	0.95	1	1	50.553485
Lane_serv_opr	BOBJ1	104	243.13	Before	Interior Girder 2	51.07	0.95	1	1	51.562964
Lane_serv_opr	BOBJ1	104	243.13	Before	Interior Girder 3	51.07	0.95	1	1	50.812929
Lane_serv_opr	BOBJ1	104	243.13	Before	Interior Girder 4	51.07	0.95	1	1	50.812929
Lane_serv_opr	BOBJ1	104	243.13	Before	Interior Girder 5	51.07	0.95	1	1	51.562964
Lane_serv_opr	BOBJ1	104	243.13	Before	Interior Girder 6	51.07	0.95	1	1	50.553485
Lane_serv_opr	BOBJ1	104	243.13	Before	Right Exterior Girder	51.07	0.95	1	1	74.778304
Lane_serv_opr	BOBJ1	105	243.13	After	Left Exterior Girder	51.07	0.95	1	1	76.933282
Lane_serv_opr	BOBJ1	105	243.13	After	Interior Girder 1	51.07	0.95	1	1	50.194232
Lane_serv_opr	BOBJ1	105	243.13	After	Interior Girder 2	51.07	0.95	1	1	50.732013
Lane_serv_opr	BOBJ1	105	243.13	After	Interior Girder 3	51.07	0.95	1	1	48.709883
Lane_serv_opr	BOBJ1	105	243.13	After	Interior Girder 4	51.07	0.95	1	1	48.709883
Lane_serv_opr	BOBJ1	105	243.13	After	Interior Girder 5	51.07	0.95	1	1	50.732013
Lane_serv_opr	BOBJ1	105	243.13	After	Interior Girder 6	51.07	0.95	1	1	50.194232
Lane_serv_opr	BOBJ1	105	243.13	After	Right Exterior Girder	51.07	0.95	1	1	76.933282
Lane_serv_opr	BOBJ1	106	248.89	Before	Left Exterior Girder	56.83	0.95	1	1	3066.57404
Lane_serv_opr	BOBJ1	106	248.89	Before	Interior Girder 1	56.83	0.95	1	1	2408.563749
Lane_serv_opr	BOBJ1	106	248.89	Before	Interior Girder 2	56.83	0.95	1	1	2089.536604
Lane_serv_opr	BOBJ1	106	248.89	Before	Interior Girder 3	56.83	0.95	1	1	1718.106309
Lane_serv_opr	BOBJ1	106	248.89	Before	Interior Girder 4	56.83	0.95	1	1	1718.106313
Lane_serv_opr	BOBJ1	106	248.89	Before	Interior Girder 5	56.83	0.95	1	1	2089.536604
Lane_serv_opr	BOBJ1	106	248.89	Before	Interior Girder 6	56.83	0.95	1	1	2408.563748
Lane_serv_opr	BOBJ1	106	248.89	Before	Right Exterior Girder	56.83	0.95	1	1	3066.574041
Lane_serv_inv	BOBJ1	1	0	After	Left Exterior Girder	0	0.95	1	1	1741.815012
Lane_serv_inv	BOBJ1	1	0	After	Interior Girder 1	0	0.95	1	1	1198.13118
Lane_serv_inv	BOBJ1	1	0	After	Interior Girder 2	0	0.95	1	1	1116.337676
Lane_serv_inv	BOBJ1	1	0	After	Interior Girder 3	0	0.95	1	1	939.925387
Lane_serv_inv	BOBJ1	1	0	After	Interior Girder 4	0	0.95	1	1	939.925388
Lane_serv_inv	BOBJ1	1	0	After	Interior Girder 5	0	0.95	1	1	1116.337673
Lane_serv_inv	BOBJ1	1	0	After	Interior Girder 6	0	0.95	1	1	1198.13118
Lane_serv_inv	BOBJ1	1	0	After	Right Exterior Girder	0	0.95	1	1	1741.815012
Lane_serv_inv	BOBJ1	2	5.85	Before	Left Exterior Girder	5.85	0.95	1	1	46.860371

TABLE: Bridge Super Rating AASHTORATE18 31 - SteelICompServ-Flx - Approach, Span 12-15										
Request	BridgeObj	BridgeCut	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	Unitless	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Lane_serv_inv	BOBJ1	2	5.85	Before	Interior Girder 1	5.85	0.95	1	1	33.820204
Lane_serv_inv	BOBJ1	2	5.85	Before	Interior Girder 2	5.85	0.95	1	1	33.235515
Lane_serv_inv	BOBJ1	2	5.85	Before	Interior Girder 3	5.85	0.95	1	1	31.72479
Lane_serv_inv	BOBJ1	2	5.85	Before	Interior Girder 4	5.85	0.95	1	1	31.72479
Lane_serv_inv	BOBJ1	2	5.85	Before	Interior Girder 5	5.85	0.95	1	1	33.235515
Lane_serv_inv	BOBJ1	2	5.85	Before	Interior Girder 6	5.85	0.95	1	1	33.820204
Lane_serv_inv	BOBJ1	2	5.85	Before	Right Exterior Girder	5.85	0.95	1	1	46.860371
Lane_serv_inv	BOBJ1	3	5.85	After	Left Exterior Girder	5.85	0.95	1	1	46.477952
Lane_serv_inv	BOBJ1	3	5.85	After	Interior Girder 1	5.85	0.95	1	1	33.743229
Lane_serv_inv	BOBJ1	3	5.85	After	Interior Girder 2	5.85	0.95	1	1	33.588844
Lane_serv_inv	BOBJ1	3	5.85	After	Interior Girder 3	5.85	0.95	1	1	32.685272
Lane_serv_inv	BOBJ1	3	5.85	After	Interior Girder 4	5.85	0.95	1	1	32.685272
Lane_serv_inv	BOBJ1	3	5.85	After	Interior Girder 5	5.85	0.95	1	1	33.588844
Lane_serv_inv	BOBJ1	3	5.85	After	Interior Girder 6	5.85	0.95	1	1	33.743229
Lane_serv_inv	BOBJ1	3	5.85	After	Right Exterior Girder	5.85	0.95	1	1	46.477952
Lane_serv_inv	BOBJ1	4	11.4667	Before	Left Exterior Girder	11.4667	0.95	1	1	25.473739
Lane_serv_inv	BOBJ1	4	11.4667	Before	Interior Girder 1	11.4667	0.95	1	1	18.211693
Lane_serv_inv	BOBJ1	4	11.4667	Before	Interior Girder 2	11.4667	0.95	1	1	18.105302
Lane_serv_inv	BOBJ1	4	11.4667	Before	Interior Girder 3	11.4667	0.95	1	1	17.70136
Lane_serv_inv	BOBJ1	4	11.4667	Before	Interior Girder 4	11.4667	0.95	1	1	17.70136
Lane_serv_inv	BOBJ1	4	11.4667	Before	Interior Girder 5	11.4667	0.95	1	1	18.105302
Lane_serv_inv	BOBJ1	4	11.4667	Before	Interior Girder 6	11.4667	0.95	1	1	18.211693
Lane_serv_inv	BOBJ1	4	11.4667	Before	Right Exterior Girder	11.4667	0.95	1	1	25.473739
Lane_serv_inv	BOBJ1	5	11.4667	After	Left Exterior Girder	11.4667	0.95	1	1	25.578542
Lane_serv_inv	BOBJ1	5	11.4667	After	Interior Girder 1	11.4667	0.95	1	1	18.076288
Lane_serv_inv	BOBJ1	5	11.4667	After	Interior Girder 2	11.4667	0.95	1	1	18.222163
Lane_serv_inv	BOBJ1	5	11.4667	After	Interior Girder 3	11.4667	0.95	1	1	18.049122
Lane_serv_inv	BOBJ1	5	11.4667	After	Interior Girder 4	11.4667	0.95	1	1	18.049122
Lane_serv_inv	BOBJ1	5	11.4667	After	Interior Girder 5	11.4667	0.95	1	1	18.222163
Lane_serv_inv	BOBJ1	5	11.4667	After	Interior Girder 6	11.4667	0.95	1	1	18.076288
Lane_serv_inv	BOBJ1	5	11.4667	After	Right Exterior Girder	11.4667	0.95	1	1	25.578542
Lane_serv_inv	BOBJ1	6	17.0833	Before	Left Exterior Girder	17.0833	0.95	1	1	18.313829
Lane_serv_inv	BOBJ1	6	17.0833	Before	Interior Girder 1	17.0833	0.95	1	1	13.872526
Lane_serv_inv	BOBJ1	6	17.0833	Before	Interior Girder 2	17.0833	0.95	1	1	13.737505
Lane_serv_inv	BOBJ1	6	17.0833	Before	Interior Girder 3	17.0833	0.95	1	1	13.695335
Lane_serv_inv	BOBJ1	6	17.0833	Before	Interior Girder 4	17.0833	0.95	1	1	13.695335
Lane_serv_inv	BOBJ1	6	17.0833	Before	Interior Girder 5	17.0833	0.95	1	1	13.737505
Lane_serv_inv	BOBJ1	6	17.0833	Before	Interior Girder 6	17.0833	0.95	1	1	13.872526
Lane_serv_inv	BOBJ1	6	17.0833	Before	Right Exterior Girder	17.0833	0.95	1	1	18.313829
Lane_serv_inv	BOBJ1	7	17.0833	After	Left Exterior Girder	17.0833	0.95	1	1	18.165654
Lane_serv_inv	BOBJ1	7	17.0833	After	Interior Girder 1	17.0833	0.95	1	1	13.9058
Lane_serv_inv	BOBJ1	7	17.0833	After	Interior Girder 2	17.0833	0.95	1	1	13.857754
Lane_serv_inv	BOBJ1	7	17.0833	After	Interior Girder 3	17.0833	0.95	1	1	13.911879
Lane_serv_inv	BOBJ1	7	17.0833	After	Interior Girder 4	17.0833	0.95	1	1	13.911879
Lane_serv_inv	BOBJ1	7	17.0833	After	Interior Girder 5	17.0833	0.95	1	1	13.857754
Lane_serv_inv	BOBJ1	7	17.0833	After	Interior Girder 6	17.0833	0.95	1	1	13.9058
Lane_serv_inv	BOBJ1	7	17.0833	After	Right Exterior Girder	17.0833	0.95	1	1	18.165654
Lane_serv_inv	BOBJ1	8	22.7	Before	Left Exterior Girder	22.7	0.95	1	1	15.260408
Lane_serv_inv	BOBJ1	8	22.7	Before	Interior Girder 1	22.7	0.95	1	1	12.805121
Lane_serv_inv	BOBJ1	8	22.7	Before	Interior Girder 2	22.7	0.95	1	1	12.456123
Lane_serv_inv	BOBJ1	8	22.7	Before	Interior Girder 3	22.7	0.95	1	1	12.623158
Lane_serv_inv	BOBJ1	8	22.7	Before	Interior Girder 4	22.7	0.95	1	1	12.623158
Lane_serv_inv	BOBJ1	8	22.7	Before	Interior Girder 5	22.7	0.95	1	1	12.456123
Lane_serv_inv	BOBJ1	8	22.7	Before	Interior Girder 6	22.7	0.95	1	1	12.805121
Lane_serv_inv	BOBJ1	8	22.7	Before	Right Exterior Girder	22.7	0.95	1	1	15.260408
Lane_serv_inv	BOBJ1	9	22.7	After	Left Exterior Girder	22.7	0.95	1	1	15.332886
Lane_serv_inv	BOBJ1	9	22.7	After	Interior Girder 1	22.7	0.95	1	1	12.754171
Lane_serv_inv	BOBJ1	9	22.7	After	Interior Girder 2	22.7	0.95	1	1	12.484006
Lane_serv_inv	BOBJ1	9	22.7	After	Interior Girder 3	22.7	0.95	1	1	12.676394
Lane_serv_inv	BOBJ1	9	22.7	After	Interior Girder 4	22.7	0.95	1	1	12.676394
Lane_serv_inv	BOBJ1	9	22.7	After	Interior Girder 5	22.7	0.95	1	1	12.484006
Lane_serv_inv	BOBJ1	9	22.7	After	Interior Girder 6	22.7	0.95	1	1	12.754171
Lane_serv_inv	BOBJ1	9	22.7	After	Right Exterior Girder	22.7	0.95	1	1	15.332886
Lane_serv_inv	BOBJ1	10	28.3167	Before	Left Exterior Girder	28.3167	0.95	1	1	16.090678
Lane_serv_inv	BOBJ1	10	28.3167	Before	Interior Girder 1	28.3167	0.95	1	1	12.702956
Lane_serv_inv	BOBJ1	10	28.3167	Before	Interior Girder 2	28.3167	0.95	1	1	12.513983
Lane_serv_inv	BOBJ1	10	28.3167	Before	Interior Girder 3	28.3167	0.95	1	1	12.738765
Lane_serv_inv	BOBJ1	10	28.3167	Before	Interior Girder 4	28.3167	0.95	1	1	12.738765
Lane_serv_inv	BOBJ1	10	28.3167	Before	Interior Girder 5	28.3167	0.95	1	1	12.513983
Lane_serv_inv	BOBJ1	10	28.3167	Before	Interior Girder 6	28.3167	0.95	1	1	12.702956
Lane_serv_inv	BOBJ1	10	28.3167	Before	Right Exterior Girder	28.3167	0.95	1	1	16.090678
Lane_serv_inv	BOBJ1	11	28.3167	After	Left Exterior Girder	28.3167	0.95	1	1	16.231383
Lane_serv_inv	BOBJ1	11	28.3167	After	Interior Girder 1	28.3167	0.95	1	1	12.63549

TABLE: Bridge Super Rating AASHTORATE18 31 - SteelICompServ-Flx - Approach, Span 12-15										
Request	BridgeObj	BridgeCut	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	Unitless	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Lane_serv_inv	BOBJ1	11	28.3167	After	Interior Girder 2	28.3167	0.95	1	1	12.488739
Lane_serv_inv	BOBJ1	11	28.3167	After	Interior Girder 3	28.3167	0.95	1	1	12.683403
Lane_serv_inv	BOBJ1	11	28.3167	After	Interior Girder 4	28.3167	0.95	1	1	12.683403
Lane_serv_inv	BOBJ1	11	28.3167	After	Interior Girder 5	28.3167	0.95	1	1	12.488739
Lane_serv_inv	BOBJ1	11	28.3167	After	Interior Girder 6	28.3167	0.95	1	1	12.63549
Lane_serv_inv	BOBJ1	11	28.3167	After	Right Exterior Girder	28.3167	0.95	1	1	16.231383
Lane_serv_inv	BOBJ1	12	33.9333	Before	Left Exterior Girder	33.9333	0.95	1	1	18.806761
Lane_serv_inv	BOBJ1	12	33.9333	Before	Interior Girder 1	33.9333	0.95	1	1	14.552005
Lane_serv_inv	BOBJ1	12	33.9333	Before	Interior Girder 2	33.9333	0.95	1	1	14.334889
Lane_serv_inv	BOBJ1	12	33.9333	Before	Interior Girder 3	33.9333	0.95	1	1	14.706748
Lane_serv_inv	BOBJ1	12	33.9333	Before	Interior Girder 4	33.9333	0.95	1	1	14.706748
Lane_serv_inv	BOBJ1	12	33.9333	Before	Interior Girder 5	33.9333	0.95	1	1	14.334889
Lane_serv_inv	BOBJ1	12	33.9333	Before	Interior Girder 6	33.9333	0.95	1	1	14.552005
Lane_serv_inv	BOBJ1	12	33.9333	Before	Right Exterior Girder	33.9333	0.95	1	1	18.806761
Lane_serv_inv	BOBJ1	13	33.9333	After	Left Exterior Girder	33.9333	0.95	1	1	18.675962
Lane_serv_inv	BOBJ1	13	33.9333	After	Interior Girder 1	33.9333	0.95	1	1	14.629035
Lane_serv_inv	BOBJ1	13	33.9333	After	Interior Girder 2	33.9333	0.95	1	1	14.360291
Lane_serv_inv	BOBJ1	13	33.9333	After	Interior Girder 3	33.9333	0.95	1	1	14.61655
Lane_serv_inv	BOBJ1	13	33.9333	After	Interior Girder 4	33.9333	0.95	1	1	14.61655
Lane_serv_inv	BOBJ1	13	33.9333	After	Interior Girder 5	33.9333	0.95	1	1	14.360291
Lane_serv_inv	BOBJ1	13	33.9333	After	Interior Girder 6	33.9333	0.95	1	1	14.629035
Lane_serv_inv	BOBJ1	13	33.9333	After	Right Exterior Girder	33.9333	0.95	1	1	18.675962
Lane_serv_inv	BOBJ1	14	39.55	Before	Left Exterior Girder	39.55	0.95	1	1	23.802663
Lane_serv_inv	BOBJ1	14	39.55	Before	Interior Girder 1	39.55	0.95	1	1	20.250248
Lane_serv_inv	BOBJ1	14	39.55	Before	Interior Girder 2	39.55	0.95	1	1	19.519273
Lane_serv_inv	BOBJ1	14	39.55	Before	Interior Girder 3	39.55	0.95	1	1	20.396856
Lane_serv_inv	BOBJ1	14	39.55	Before	Interior Girder 4	39.55	0.95	1	1	20.396856
Lane_serv_inv	BOBJ1	14	39.55	Before	Interior Girder 5	39.55	0.95	1	1	19.519273
Lane_serv_inv	BOBJ1	14	39.55	Before	Interior Girder 6	39.55	0.95	1	1	20.250248
Lane_serv_inv	BOBJ1	14	39.55	Before	Right Exterior Girder	39.55	0.95	1	1	23.802663
Lane_serv_inv	BOBJ1	15	39.55	After	Left Exterior Girder	39.55	0.95	1	1	24.037411
Lane_serv_inv	BOBJ1	15	39.55	After	Interior Girder 1	39.55	0.95	1	1	20.217803
Lane_serv_inv	BOBJ1	15	39.55	After	Interior Girder 2	39.55	0.95	1	1	19.427238
Lane_serv_inv	BOBJ1	15	39.55	After	Interior Girder 3	39.55	0.95	1	1	20.017857
Lane_serv_inv	BOBJ1	15	39.55	After	Interior Girder 4	39.55	0.95	1	1	20.017857
Lane_serv_inv	BOBJ1	15	39.55	After	Interior Girder 5	39.55	0.95	1	1	19.427238
Lane_serv_inv	BOBJ1	15	39.55	After	Interior Girder 6	39.55	0.95	1	1	20.217803
Lane_serv_inv	BOBJ1	15	39.55	After	Right Exterior Girder	39.55	0.95	1	1	24.037411
Lane_serv_inv	BOBJ1	16	45.1733	Before	Left Exterior Girder	45.1226	0.95	1	1	18.61321
Lane_serv_inv	BOBJ1	16	45.1733	Before	Interior Girder 1	45.1226	0.95	1	1	17.047585
Lane_serv_inv	BOBJ1	16	45.1733	Before	Interior Girder 2	45.1226	0.95	1	1	16.224373
Lane_serv_inv	BOBJ1	16	45.1733	Before	Interior Girder 3	45.1226	0.95	1	1	16.794759
Lane_serv_inv	BOBJ1	16	45.1733	Before	Interior Girder 4	45.1226	0.95	1	1	16.794759
Lane_serv_inv	BOBJ1	16	45.1733	Before	Interior Girder 5	45.1226	0.95	1	1	16.224373
Lane_serv_inv	BOBJ1	16	45.1733	Before	Interior Girder 6	45.1226	0.95	1	1	17.047585
Lane_serv_inv	BOBJ1	16	45.1733	Before	Right Exterior Girder	45.1226	0.95	1	1	18.61321
Lane_serv_inv	BOBJ1	17	45.1733	After	Left Exterior Girder	45.1226	0.95	1	1	15.044986
Lane_serv_inv	BOBJ1	17	45.1733	After	Interior Girder 1	45.1226	0.95	1	1	13.700317
Lane_serv_inv	BOBJ1	17	45.1733	After	Interior Girder 2	45.1226	0.95	1	1	13.071512
Lane_serv_inv	BOBJ1	17	45.1733	After	Interior Girder 3	45.1226	0.95	1	1	13.566049
Lane_serv_inv	BOBJ1	17	45.1733	After	Interior Girder 4	45.1226	0.95	1	1	13.566049
Lane_serv_inv	BOBJ1	17	45.1733	After	Interior Girder 5	45.1226	0.95	1	1	13.071512
Lane_serv_inv	BOBJ1	17	45.1733	After	Interior Girder 6	45.1226	0.95	1	1	13.700317
Lane_serv_inv	BOBJ1	17	45.1733	After	Right Exterior Girder	45.1226	0.95	1	1	15.044986
Lane_serv_inv	BOBJ1	18	49.2561	Before	Left Exterior Girder	49.2561	0.95	1	1	10.77655
Lane_serv_inv	BOBJ1	18	49.2561	Before	Right Exterior Girder	49.2561	0.95	1	1	10.77655
Lane_serv_inv	BOBJ1	19	49.2561	After	Left Exterior Girder	49.2561	0.95	1	1	10.994009
Lane_serv_inv	BOBJ1	19	49.2561	After	Right Exterior Girder	49.2561	0.95	1	1	10.994009
Lane_serv_inv	BOBJ1	20	50.7967	Before	Left Exterior Girder	50.7967	0.95	1	1	20.622222
Lane_serv_inv	BOBJ1	20	50.7967	Before	Interior Girder 1	50.7967	0.95	1	1	8.510475
Lane_serv_inv	BOBJ1	20	50.7967	Before	Interior Girder 2	50.7967	0.95	1	1	8.215908
Lane_serv_inv	BOBJ1	20	50.7967	Before	Interior Girder 3	50.7967	0.95	1	1	7.761599
Lane_serv_inv	BOBJ1	20	50.7967	Before	Interior Girder 4	50.7967	0.95	1	1	7.761599
Lane_serv_inv	BOBJ1	20	50.7967	Before	Interior Girder 5	50.7967	0.95	1	1	8.215908
Lane_serv_inv	BOBJ1	20	50.7967	Before	Interior Girder 6	50.7967	0.95	1	1	8.510475
Lane_serv_inv	BOBJ1	20	50.7967	Before	Right Exterior Girder	50.7967	0.95	1	1	20.622222
Lane_serv_inv	BOBJ1	21	50.7967	After	Left Exterior Girder	50.7967	0.95	1	1	20.509161
Lane_serv_inv	BOBJ1	21	50.7967	After	Interior Girder 1	50.7967	0.95	1	1	8.504968
Lane_serv_inv	BOBJ1	21	50.7967	After	Interior Girder 2	50.7967	0.95	1	1	8.247786
Lane_serv_inv	BOBJ1	21	50.7967	After	Interior Girder 3	50.7967	0.95	1	1	7.838386
Lane_serv_inv	BOBJ1	21	50.7967	After	Interior Girder 4	50.7967	0.95	1	1	7.838386
Lane_serv_inv	BOBJ1	21	50.7967	After	Interior Girder 5	50.7967	0.95	1	1	8.247786
Lane_serv_inv	BOBJ1	21	50.7967	After	Interior Girder 6	50.7967	0.95	1	1	8.504968

TABLE: Bridge Super Rating AASHTORATE18 31 - SteelCompServ-Flx - Approach, Span 12-15										
Request	BridgeObj	BridgeCut	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	Unitless	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Lane_serv_inv	BOBJ1	21	50.7967	After	Right Exterior Girder	50.7967	0.95	1	1	20.509161
Lane_serv_inv	BOBJ1	22	51.3989	Before	Interior Girder 1	51.3989	0.95	1	1	7.845518
Lane_serv_inv	BOBJ1	22	51.3989	Before	Interior Girder 2	51.3989	0.95	1	1	7.714898
Lane_serv_inv	BOBJ1	22	51.3989	Before	Interior Girder 3	51.3989	0.95	1	1	7.260528
Lane_serv_inv	BOBJ1	22	51.3989	Before	Interior Girder 4	51.3989	0.95	1	1	7.260528
Lane_serv_inv	BOBJ1	22	51.3989	Before	Interior Girder 5	51.3989	0.95	1	1	7.714898
Lane_serv_inv	BOBJ1	22	51.3989	Before	Interior Girder 6	51.3989	0.95	1	1	7.845518
Lane_serv_inv	BOBJ1	23	51.3989	After	Interior Girder 1	51.3989	0.95	1	1	11.688611
Lane_serv_inv	BOBJ1	23	51.3989	After	Interior Girder 2	51.3989	0.95	1	1	11.424611
Lane_serv_inv	BOBJ1	23	51.3989	After	Interior Girder 3	51.3989	0.95	1	1	10.883151
Lane_serv_inv	BOBJ1	23	51.3989	After	Interior Girder 4	51.3989	0.95	1	1	10.883151
Lane_serv_inv	BOBJ1	23	51.3989	After	Interior Girder 5	51.3989	0.95	1	1	11.424611
Lane_serv_inv	BOBJ1	23	51.3989	After	Interior Girder 6	51.3989	0.95	1	1	11.688611
Lane_serv_inv	BOBJ1	24	56.42	Before	Left Exterior Girder	56.42	0.95	1	1	11.935271
Lane_serv_inv	BOBJ1	24	56.42	Before	Interior Girder 1	56.42	0.95	1	1	6.599848
Lane_serv_inv	BOBJ1	24	56.42	Before	Interior Girder 2	56.42	0.95	1	1	6.663148
Lane_serv_inv	BOBJ1	24	56.42	Before	Interior Girder 3	56.42	0.95	1	1	5.93278
Lane_serv_inv	BOBJ1	24	56.42	Before	Interior Girder 4	56.42	0.95	1	1	5.93278
Lane_serv_inv	BOBJ1	24	56.42	Before	Interior Girder 5	56.42	0.95	1	1	6.663148
Lane_serv_inv	BOBJ1	24	56.42	Before	Interior Girder 6	56.42	0.95	1	1	6.599848
Lane_serv_inv	BOBJ1	24	56.42	Before	Right Exterior Girder	56.42	0.95	1	1	11.935271
Lane_serv_inv	BOBJ1	25	56.42	After	Left Exterior Girder	0	0.95	1	1	11.822274
Lane_serv_inv	BOBJ1	25	56.42	After	Interior Girder 1	0	0.95	1	1	6.604408
Lane_serv_inv	BOBJ1	25	56.42	After	Interior Girder 2	0	0.95	1	1	6.660156
Lane_serv_inv	BOBJ1	25	56.42	After	Interior Girder 3	0	0.95	1	1	5.88743
Lane_serv_inv	BOBJ1	25	56.42	After	Interior Girder 4	0	0.95	1	1	5.88743
Lane_serv_inv	BOBJ1	25	56.42	After	Interior Girder 5	0	0.95	1	1	6.660156
Lane_serv_inv	BOBJ1	25	56.42	After	Interior Girder 6	0	0.95	1	1	6.604408
Lane_serv_inv	BOBJ1	25	56.42	After	Right Exterior Girder	0	0.95	1	1	11.822274
Lane_serv_inv	BOBJ1	26	62.0367	Before	Left Exterior Girder	5.6167	0.95	1	1	22.447913
Lane_serv_inv	BOBJ1	26	62.0367	Before	Interior Girder 1	5.6167	0.95	1	1	12.818455
Lane_serv_inv	BOBJ1	26	62.0367	Before	Interior Girder 2	5.6167	0.95	1	1	12.465582
Lane_serv_inv	BOBJ1	26	62.0367	Before	Interior Girder 3	5.6167	0.95	1	1	11.769179
Lane_serv_inv	BOBJ1	26	62.0367	Before	Interior Girder 4	5.6167	0.95	1	1	11.769179
Lane_serv_inv	BOBJ1	26	62.0367	Before	Interior Girder 5	5.6167	0.95	1	1	12.465582
Lane_serv_inv	BOBJ1	26	62.0367	Before	Interior Girder 6	5.6167	0.95	1	1	12.818455
Lane_serv_inv	BOBJ1	26	62.0367	Before	Right Exterior Girder	5.6167	0.95	1	1	22.447913
Lane_serv_inv	BOBJ1	27	62.0367	After	Left Exterior Girder	5.6167	0.95	1	1	21.760414
Lane_serv_inv	BOBJ1	27	62.0367	After	Interior Girder 1	5.6167	0.95	1	1	13.126574
Lane_serv_inv	BOBJ1	27	62.0367	After	Interior Girder 2	5.6167	0.95	1	1	12.516327
Lane_serv_inv	BOBJ1	27	62.0367	After	Interior Girder 3	5.6167	0.95	1	1	11.744793
Lane_serv_inv	BOBJ1	27	62.0367	After	Interior Girder 4	5.6167	0.95	1	1	11.744793
Lane_serv_inv	BOBJ1	27	62.0367	After	Interior Girder 5	5.6167	0.95	1	1	12.516327
Lane_serv_inv	BOBJ1	27	62.0367	After	Interior Girder 6	5.6167	0.95	1	1	13.126574
Lane_serv_inv	BOBJ1	27	62.0367	After	Right Exterior Girder	5.6167	0.95	1	1	21.760414
Lane_serv_inv	BOBJ1	28	62.4203	Before	Interior Girder 1	6.0003	0.95	1	1	13.827809
Lane_serv_inv	BOBJ1	28	62.4203	Before	Interior Girder 2	6.0003	0.95	1	1	13.075495
Lane_serv_inv	BOBJ1	28	62.4203	Before	Interior Girder 3	6.0003	0.95	1	1	12.319762
Lane_serv_inv	BOBJ1	28	62.4203	Before	Interior Girder 4	6.0003	0.95	1	1	12.319762
Lane_serv_inv	BOBJ1	28	62.4203	Before	Interior Girder 5	6.0003	0.95	1	1	13.075495
Lane_serv_inv	BOBJ1	28	62.4203	Before	Interior Girder 6	6.0003	0.95	1	1	13.827809
Lane_serv_inv	BOBJ1	29	62.4203	After	Interior Girder 1	6.0003	0.95	1	1	9.314783
Lane_serv_inv	BOBJ1	29	62.4203	After	Interior Girder 2	6.0003	0.95	1	1	8.851908
Lane_serv_inv	BOBJ1	29	62.4203	After	Interior Girder 3	6.0003	0.95	1	1	8.222642
Lane_serv_inv	BOBJ1	29	62.4203	After	Interior Girder 4	6.0003	0.95	1	1	8.222642
Lane_serv_inv	BOBJ1	29	62.4203	After	Interior Girder 5	6.0003	0.95	1	1	8.851908
Lane_serv_inv	BOBJ1	29	62.4203	After	Interior Girder 6	6.0003	0.95	1	1	9.314783
Lane_serv_inv	BOBJ1	30	64.9204	Before	Left Exterior Girder	8.5004	0.95	1	1	30.704749
Lane_serv_inv	BOBJ1	30	64.9204	Before	Right Exterior Girder	8.5004	0.95	1	1	30.704749
Lane_serv_inv	BOBJ1	31	64.9204	After	Left Exterior Girder	8.5004	0.95	1	1	14.592327
Lane_serv_inv	BOBJ1	31	64.9204	After	Right Exterior Girder	8.5004	0.95	1	1	14.592327
Lane_serv_inv	BOBJ1	32	67.6533	Before	Left Exterior Girder	11.2333	0.95	1	1	20.687308
Lane_serv_inv	BOBJ1	32	67.6533	Before	Interior Girder 1	11.2333	0.95	1	1	16.587002
Lane_serv_inv	BOBJ1	32	67.6533	Before	Interior Girder 2	11.2333	0.95	1	1	15.772955
Lane_serv_inv	BOBJ1	32	67.6533	Before	Interior Girder 3	11.2333	0.95	1	1	15.805233
Lane_serv_inv	BOBJ1	32	67.6533	Before	Interior Girder 4	11.2333	0.95	1	1	15.805233
Lane_serv_inv	BOBJ1	32	67.6533	Before	Interior Girder 5	11.2333	0.95	1	1	15.772955
Lane_serv_inv	BOBJ1	32	67.6533	Before	Interior Girder 6	11.2333	0.95	1	1	16.587002
Lane_serv_inv	BOBJ1	32	67.6533	Before	Right Exterior Girder	11.2333	0.95	1	1	20.687308
Lane_serv_inv	BOBJ1	33	67.6533	After	Left Exterior Girder	11.2333	0.95	1	1	20.205106
Lane_serv_inv	BOBJ1	33	67.6533	After	Interior Girder 1	11.2333	0.95	1	1	16.638373
Lane_serv_inv	BOBJ1	33	67.6533	After	Interior Girder 2	11.2333	0.95	1	1	15.697933
Lane_serv_inv	BOBJ1	33	67.6533	After	Interior Girder 3	11.2333	0.95	1	1	15.546369

TABLE: Bridge Super Rating AASHTORATE18 31 - SteelICompServ-Flx - Approach, Span 12-15										
Request	BridgeObj	BridgeCut	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	Unitless	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Lane_serv_inv	BOBJ1	33	67.6533	After	Interior Girder 4	11.2333	0.95	1	1	15.546369
Lane_serv_inv	BOBJ1	33	67.6533	After	Interior Girder 5	11.2333	0.95	1	1	15.697933
Lane_serv_inv	BOBJ1	33	67.6533	After	Interior Girder 6	11.2333	0.95	1	1	16.638373
Lane_serv_inv	BOBJ1	33	67.6533	After	Right Exterior Girder	11.2333	0.95	1	1	20.205106
Lane_serv_inv	BOBJ1	34	73.27	Before	Left Exterior Girder	16.85	0.95	1	1	27.274758
Lane_serv_inv	BOBJ1	34	73.27	Before	Interior Girder 1	16.85	0.95	1	1	23.55733
Lane_serv_inv	BOBJ1	34	73.27	Before	Interior Girder 2	16.85	0.95	1	1	22.164419
Lane_serv_inv	BOBJ1	34	73.27	Before	Interior Girder 3	16.85	0.95	1	1	23.795095
Lane_serv_inv	BOBJ1	34	73.27	Before	Interior Girder 4	16.85	0.95	1	1	23.795095
Lane_serv_inv	BOBJ1	34	73.27	Before	Interior Girder 5	16.85	0.95	1	1	22.164419
Lane_serv_inv	BOBJ1	34	73.27	Before	Interior Girder 6	16.85	0.95	1	1	23.55733
Lane_serv_inv	BOBJ1	34	73.27	Before	Right Exterior Girder	16.85	0.95	1	1	27.274758
Lane_serv_inv	BOBJ1	35	73.27	After	Left Exterior Girder	16.85	0.95	1	1	27.2763
Lane_serv_inv	BOBJ1	35	73.27	After	Interior Girder 1	16.85	0.95	1	1	23.592214
Lane_serv_inv	BOBJ1	35	73.27	After	Interior Girder 2	16.85	0.95	1	1	22.303127
Lane_serv_inv	BOBJ1	35	73.27	After	Interior Girder 3	16.85	0.95	1	1	24.338669
Lane_serv_inv	BOBJ1	35	73.27	After	Interior Girder 4	16.85	0.95	1	1	24.338669
Lane_serv_inv	BOBJ1	35	73.27	After	Interior Girder 5	16.85	0.95	1	1	22.303127
Lane_serv_inv	BOBJ1	35	73.27	After	Interior Girder 6	16.85	0.95	1	1	23.592214
Lane_serv_inv	BOBJ1	35	73.27	After	Right Exterior Girder	16.85	0.95	1	1	27.2763
Lane_serv_inv	BOBJ1	36	78.8867	Before	Left Exterior Girder	22.4667	0.95	1	1	18.962985
Lane_serv_inv	BOBJ1	36	78.8867	Before	Interior Girder 1	22.4667	0.95	1	1	15.286353
Lane_serv_inv	BOBJ1	36	78.8867	Before	Interior Girder 2	22.4667	0.95	1	1	14.823125
Lane_serv_inv	BOBJ1	36	78.8867	Before	Interior Girder 3	22.4667	0.95	1	1	14.929791
Lane_serv_inv	BOBJ1	36	78.8867	Before	Interior Girder 4	22.4667	0.95	1	1	14.929791
Lane_serv_inv	BOBJ1	36	78.8867	Before	Interior Girder 5	22.4667	0.95	1	1	14.823125
Lane_serv_inv	BOBJ1	36	78.8867	Before	Interior Girder 6	22.4667	0.95	1	1	15.286353
Lane_serv_inv	BOBJ1	36	78.8867	Before	Right Exterior Girder	22.4667	0.95	1	1	18.962985
Lane_serv_inv	BOBJ1	37	78.8867	After	Left Exterior Girder	22.4667	0.95	1	1	19.286158
Lane_serv_inv	BOBJ1	37	78.8867	After	Interior Girder 1	22.4667	0.95	1	1	15.1061
Lane_serv_inv	BOBJ1	37	78.8867	After	Interior Girder 2	22.4667	0.95	1	1	14.804153
Lane_serv_inv	BOBJ1	37	78.8867	After	Interior Girder 3	22.4667	0.95	1	1	15.110427
Lane_serv_inv	BOBJ1	37	78.8867	After	Interior Girder 4	22.4667	0.95	1	1	15.110427
Lane_serv_inv	BOBJ1	37	78.8867	After	Interior Girder 5	22.4667	0.95	1	1	14.804153
Lane_serv_inv	BOBJ1	37	78.8867	After	Interior Girder 6	22.4667	0.95	1	1	15.1061
Lane_serv_inv	BOBJ1	37	78.8867	After	Right Exterior Girder	22.4667	0.95	1	1	19.286158
Lane_serv_inv	BOBJ1	38	84.5033	Before	Left Exterior Girder	28.0833	0.95	1	1	14.478666
Lane_serv_inv	BOBJ1	38	84.5033	Before	Interior Girder 1	28.0833	0.95	1	1	12.110307
Lane_serv_inv	BOBJ1	38	84.5033	Before	Interior Girder 2	28.0833	0.95	1	1	11.80118
Lane_serv_inv	BOBJ1	38	84.5033	Before	Interior Girder 3	28.0833	0.95	1	1	11.966101
Lane_serv_inv	BOBJ1	38	84.5033	Before	Interior Girder 4	28.0833	0.95	1	1	11.966101
Lane_serv_inv	BOBJ1	38	84.5033	Before	Interior Girder 5	28.0833	0.95	1	1	11.80118
Lane_serv_inv	BOBJ1	38	84.5033	Before	Interior Girder 6	28.0833	0.95	1	1	12.110307
Lane_serv_inv	BOBJ1	38	84.5033	Before	Right Exterior Girder	28.0833	0.95	1	1	14.478666
Lane_serv_inv	BOBJ1	39	84.5033	After	Left Exterior Girder	28.0833	0.95	1	1	14.423262
Lane_serv_inv	BOBJ1	39	84.5033	After	Interior Girder 1	28.0833	0.95	1	1	12.136738
Lane_serv_inv	BOBJ1	39	84.5033	After	Interior Girder 2	28.0833	0.95	1	1	11.856722
Lane_serv_inv	BOBJ1	39	84.5033	After	Interior Girder 3	28.0833	0.95	1	1	12.093027
Lane_serv_inv	BOBJ1	39	84.5033	After	Interior Girder 4	28.0833	0.95	1	1	12.093027
Lane_serv_inv	BOBJ1	39	84.5033	After	Interior Girder 5	28.0833	0.95	1	1	11.856722
Lane_serv_inv	BOBJ1	39	84.5033	After	Interior Girder 6	28.0833	0.95	1	1	12.136738
Lane_serv_inv	BOBJ1	39	84.5033	After	Right Exterior Girder	28.0833	0.95	1	1	14.423262
Lane_serv_inv	BOBJ1	40	90.12	Before	Left Exterior Girder	33.7	0.95	1	1	12.454374
Lane_serv_inv	BOBJ1	40	90.12	Before	Interior Girder 1	33.7	0.95	1	1	11.555518
Lane_serv_inv	BOBJ1	40	90.12	Before	Interior Girder 2	33.7	0.95	1	1	11.116356
Lane_serv_inv	BOBJ1	40	90.12	Before	Interior Girder 3	33.7	0.95	1	1	11.369145
Lane_serv_inv	BOBJ1	40	90.12	Before	Interior Girder 4	33.7	0.95	1	1	11.369145
Lane_serv_inv	BOBJ1	40	90.12	Before	Interior Girder 5	33.7	0.95	1	1	11.116356
Lane_serv_inv	BOBJ1	40	90.12	Before	Interior Girder 6	33.7	0.95	1	1	11.555518
Lane_serv_inv	BOBJ1	40	90.12	Before	Right Exterior Girder	33.7	0.95	1	1	12.454374
Lane_serv_inv	BOBJ1	41	90.12	After	Left Exterior Girder	33.7	0.95	1	1	12.514884
Lane_serv_inv	BOBJ1	41	90.12	After	Interior Girder 1	33.7	0.95	1	1	11.516959
Lane_serv_inv	BOBJ1	41	90.12	After	Interior Girder 2	33.7	0.95	1	1	11.106527
Lane_serv_inv	BOBJ1	41	90.12	After	Interior Girder 3	33.7	0.95	1	1	11.360655
Lane_serv_inv	BOBJ1	41	90.12	After	Interior Girder 4	33.7	0.95	1	1	11.360655
Lane_serv_inv	BOBJ1	41	90.12	After	Interior Girder 5	33.7	0.95	1	1	11.106527
Lane_serv_inv	BOBJ1	41	90.12	After	Interior Girder 6	33.7	0.95	1	1	11.516959
Lane_serv_inv	BOBJ1	41	90.12	After	Right Exterior Girder	33.7	0.95	1	1	12.514884
Lane_serv_inv	BOBJ1	42	95.7367	Before	Left Exterior Girder	39.3167	0.95	1	1	13.777596
Lane_serv_inv	BOBJ1	42	95.7367	Before	Interior Girder 1	39.3167	0.95	1	1	11.739751
Lane_serv_inv	BOBJ1	42	95.7367	Before	Interior Girder 2	39.3167	0.95	1	1	11.483247
Lane_serv_inv	BOBJ1	42	95.7367	Before	Interior Girder 3	39.3167	0.95	1	1	11.745504
Lane_serv_inv	BOBJ1	42	95.7367	Before	Interior Girder 4	39.3167	0.95	1	1	11.745504

TABLE: Bridge Super Rating AASHTORATE18 31 - SteelICompServ-Flx - Approach, Span 12-15										
Request	BridgeObj	BridgeCut	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	Unitless	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Lane_serv_inv	BOBJ1	42	95.7367	Before	Interior Girder 5	39.3167	0.95	1	1	11.483247
Lane_serv_inv	BOBJ1	42	95.7367	Before	Interior Girder 6	39.3167	0.95	1	1	11.739751
Lane_serv_inv	BOBJ1	42	95.7367	Before	Right Exterior Girder	39.3167	0.95	1	1	13.777596
Lane_serv_inv	BOBJ1	43	95.7367	After	Left Exterior Girder	39.3167	0.95	1	1	13.867048
Lane_serv_inv	BOBJ1	43	95.7367	After	Interior Girder 1	39.3167	0.95	1	1	11.695668
Lane_serv_inv	BOBJ1	43	95.7367	After	Interior Girder 2	39.3167	0.95	1	1	11.432422
Lane_serv_inv	BOBJ1	43	95.7367	After	Interior Girder 3	39.3167	0.95	1	1	11.638593
Lane_serv_inv	BOBJ1	43	95.7367	After	Interior Girder 4	39.3167	0.95	1	1	11.638593
Lane_serv_inv	BOBJ1	43	95.7367	After	Interior Girder 5	39.3167	0.95	1	1	11.432422
Lane_serv_inv	BOBJ1	43	95.7367	After	Interior Girder 6	39.3167	0.95	1	1	11.695668
Lane_serv_inv	BOBJ1	43	95.7367	After	Right Exterior Girder	39.3167	0.95	1	1	13.867048
Lane_serv_inv	BOBJ1	44	101.3533	Before	Left Exterior Girder	44.9333	0.95	1	1	17.215623
Lane_serv_inv	BOBJ1	44	101.3533	Before	Interior Girder 1	44.9333	0.95	1	1	14.010783
Lane_serv_inv	BOBJ1	44	101.3533	Before	Interior Girder 2	44.9333	0.95	1	1	13.750328
Lane_serv_inv	BOBJ1	44	101.3533	Before	Interior Girder 3	44.9333	0.95	1	1	14.137908
Lane_serv_inv	BOBJ1	44	101.3533	Before	Interior Girder 4	44.9333	0.95	1	1	14.137908
Lane_serv_inv	BOBJ1	44	101.3533	Before	Interior Girder 5	44.9333	0.95	1	1	13.750328
Lane_serv_inv	BOBJ1	44	101.3533	Before	Interior Girder 6	44.9333	0.95	1	1	14.010783
Lane_serv_inv	BOBJ1	44	101.3533	Before	Right Exterior Girder	44.9333	0.95	1	1	17.215623
Lane_serv_inv	BOBJ1	45	101.3533	After	Left Exterior Girder	44.9333	0.95	1	1	16.993151
Lane_serv_inv	BOBJ1	45	101.3533	After	Interior Girder 1	44.9333	0.95	1	1	14.145537
Lane_serv_inv	BOBJ1	45	101.3533	After	Interior Girder 2	44.9333	0.95	1	1	13.772677
Lane_serv_inv	BOBJ1	45	101.3533	After	Interior Girder 3	44.9333	0.95	1	1	13.997868
Lane_serv_inv	BOBJ1	45	101.3533	After	Interior Girder 4	44.9333	0.95	1	1	13.997868
Lane_serv_inv	BOBJ1	45	101.3533	After	Interior Girder 5	44.9333	0.95	1	1	13.772677
Lane_serv_inv	BOBJ1	45	101.3533	After	Interior Girder 6	44.9333	0.95	1	1	14.145537
Lane_serv_inv	BOBJ1	45	101.3533	After	Right Exterior Girder	44.9333	0.95	1	1	16.993151
Lane_serv_inv	BOBJ1	46	106.97	Before	Left Exterior Girder	50.55	0.95	1	1	20.326805
Lane_serv_inv	BOBJ1	46	106.97	Before	Interior Girder 1	50.55	0.95	1	1	18.220549
Lane_serv_inv	BOBJ1	46	106.97	Before	Interior Girder 2	50.55	0.95	1	1	17.466897
Lane_serv_inv	BOBJ1	46	106.97	Before	Interior Girder 3	50.55	0.95	1	1	19.009763
Lane_serv_inv	BOBJ1	46	106.97	Before	Interior Girder 4	50.55	0.95	1	1	19.009763
Lane_serv_inv	BOBJ1	46	106.97	Before	Interior Girder 5	50.55	0.95	1	1	17.466897
Lane_serv_inv	BOBJ1	46	106.97	Before	Interior Girder 6	50.55	0.95	1	1	18.220549
Lane_serv_inv	BOBJ1	46	106.97	Before	Right Exterior Girder	50.55	0.95	1	1	20.326805
Lane_serv_inv	BOBJ1	47	106.97	After	Left Exterior Girder	50.55	0.95	1	1	20.395504
Lane_serv_inv	BOBJ1	47	106.97	After	Interior Girder 1	50.55	0.95	1	1	18.189267
Lane_serv_inv	BOBJ1	47	106.97	After	Interior Girder 2	50.55	0.95	1	1	17.409375
Lane_serv_inv	BOBJ1	47	106.97	After	Interior Girder 3	50.55	0.95	1	1	19.037661
Lane_serv_inv	BOBJ1	47	106.97	After	Interior Girder 4	50.55	0.95	1	1	19.037661
Lane_serv_inv	BOBJ1	47	106.97	After	Interior Girder 5	50.55	0.95	1	1	17.409375
Lane_serv_inv	BOBJ1	47	106.97	After	Interior Girder 6	50.55	0.95	1	1	18.189267
Lane_serv_inv	BOBJ1	47	106.97	After	Right Exterior Girder	50.55	0.95	1	1	20.395504
Lane_serv_inv	BOBJ1	48	112.5933	Before	Left Exterior Girder	56.1733	0.95	1	1	15.457565
Lane_serv_inv	BOBJ1	48	112.5933	Before	Interior Girder 1	56.1733	0.95	1	1	13.543385
Lane_serv_inv	BOBJ1	48	112.5933	Before	Interior Girder 2	56.1733	0.95	1	1	12.777006
Lane_serv_inv	BOBJ1	48	112.5933	Before	Interior Girder 3	56.1733	0.95	1	1	12.869209
Lane_serv_inv	BOBJ1	48	112.5933	Before	Interior Girder 4	56.1733	0.95	1	1	12.869209
Lane_serv_inv	BOBJ1	48	112.5933	Before	Interior Girder 5	56.1733	0.95	1	1	12.777006
Lane_serv_inv	BOBJ1	48	112.5933	Before	Interior Girder 6	56.1733	0.95	1	1	13.543385
Lane_serv_inv	BOBJ1	48	112.5933	Before	Right Exterior Girder	56.1733	0.95	1	1	15.457565
Lane_serv_inv	BOBJ1	49	112.5933	After	Left Exterior Girder	56.1733	0.95	1	1	15.722682
Lane_serv_inv	BOBJ1	49	112.5933	After	Interior Girder 1	56.1733	0.95	1	1	13.512426
Lane_serv_inv	BOBJ1	49	112.5933	After	Interior Girder 2	56.1733	0.95	1	1	12.831179
Lane_serv_inv	BOBJ1	49	112.5933	After	Interior Girder 3	56.1733	0.95	1	1	13.043081
Lane_serv_inv	BOBJ1	49	112.5933	After	Interior Girder 4	56.1733	0.95	1	1	13.043081
Lane_serv_inv	BOBJ1	49	112.5933	After	Interior Girder 5	56.1733	0.95	1	1	12.831179
Lane_serv_inv	BOBJ1	49	112.5933	After	Interior Girder 6	56.1733	0.95	1	1	13.512426
Lane_serv_inv	BOBJ1	49	112.5933	After	Right Exterior Girder	56.1733	0.95	1	1	15.722682
Lane_serv_inv	BOBJ1	50	115.3396	Before	Left Exterior Girder	58.9196	0.95	1	1	11.846906
Lane_serv_inv	BOBJ1	50	115.3396	Before	Right Exterior Girder	58.9196	0.95	1	1	11.846906
Lane_serv_inv	BOBJ1	51	115.3396	After	Left Exterior Girder	58.9196	0.95	1	1	25.383141
Lane_serv_inv	BOBJ1	51	115.3396	After	Right Exterior Girder	58.9196	0.95	1	1	25.383141
Lane_serv_inv	BOBJ1	52	118.2167	Before	Left Exterior Girder	61.7967	0.95	1	1	19.161336
Lane_serv_inv	BOBJ1	52	118.2167	Before	Interior Girder 1	61.9198	0.95	1	1	7.679129
Lane_serv_inv	BOBJ1	52	118.2167	Before	Interior Girder 2	61.9198	0.95	1	1	7.45387
Lane_serv_inv	BOBJ1	52	118.2167	Before	Interior Girder 3	61.9198	0.95	1	1	6.97612
Lane_serv_inv	BOBJ1	52	118.2167	Before	Interior Girder 4	61.9198	0.95	1	1	6.97612
Lane_serv_inv	BOBJ1	52	118.2167	Before	Interior Girder 5	61.9198	0.95	1	1	7.45387
Lane_serv_inv	BOBJ1	52	118.2167	Before	Interior Girder 6	61.9198	0.95	1	1	7.679129
Lane_serv_inv	BOBJ1	52	118.2167	Before	Right Exterior Girder	61.7967	0.95	1	1	19.161336
Lane_serv_inv	BOBJ1	53	118.2167	After	Left Exterior Girder	61.7967	0.95	1	1	19.272831
Lane_serv_inv	BOBJ1	53	118.2167	After	Interior Girder 1	61.9198	0.95	1	1	11.454457

TABLE: Bridge Super Rating AASHTORATE18 31 - SteelICompServ-Flx - Approach, Span 12-15										
Request	BridgeObj	BridgeCut	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	Unitless	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Lane_serv_inv	BOBJ1	53	118.2167	After	Interior Girder 2	61.9198	0.95	1	1	11.043972
Lane_serv_inv	BOBJ1	53	118.2167	After	Interior Girder 3	61.9198	0.95	1	1	10.529824
Lane_serv_inv	BOBJ1	53	118.2167	After	Interior Girder 4	61.9198	0.95	1	1	10.529824
Lane_serv_inv	BOBJ1	53	118.2167	After	Interior Girder 5	61.9198	0.95	1	1	11.043972
Lane_serv_inv	BOBJ1	53	118.2167	After	Interior Girder 6	61.9198	0.95	1	1	11.454457
Lane_serv_inv	BOBJ1	53	118.2167	After	Right Exterior Girder	61.7967	0.95	1	1	19.272831
Lane_serv_inv	BOBJ1	54	123.84	Before	Left Exterior Girder	67.42	0.95	1	1	10.796165
Lane_serv_inv	BOBJ1	54	123.84	Before	Interior Girder 1	67.42	0.95	1	1	6.176255
Lane_serv_inv	BOBJ1	54	123.84	Before	Interior Girder 2	67.42	0.95	1	1	6.157017
Lane_serv_inv	BOBJ1	54	123.84	Before	Interior Girder 3	67.42	0.95	1	1	5.479698
Lane_serv_inv	BOBJ1	54	123.84	Before	Interior Girder 4	67.42	0.95	1	1	5.479698
Lane_serv_inv	BOBJ1	54	123.84	Before	Interior Girder 5	67.42	0.95	1	1	6.157017
Lane_serv_inv	BOBJ1	54	123.84	Before	Interior Girder 6	67.42	0.95	1	1	6.176255
Lane_serv_inv	BOBJ1	54	123.84	Before	Right Exterior Girder	67.42	0.95	1	1	10.796165
Lane_serv_inv	BOBJ1	55	123.84	After	Left Exterior Girder	0	0.95	1	1	10.734495
Lane_serv_inv	BOBJ1	55	123.84	After	Interior Girder 1	0	0.95	1	1	6.196687
Lane_serv_inv	BOBJ1	55	123.84	After	Interior Girder 2	0	0.95	1	1	6.17534
Lane_serv_inv	BOBJ1	55	123.84	After	Interior Girder 3	0	0.95	1	1	5.469183
Lane_serv_inv	BOBJ1	55	123.84	After	Interior Girder 4	0	0.95	1	1	5.469183
Lane_serv_inv	BOBJ1	55	123.84	After	Interior Girder 5	0	0.95	1	1	6.17534
Lane_serv_inv	BOBJ1	55	123.84	After	Interior Girder 6	0	0.95	1	1	6.196687
Lane_serv_inv	BOBJ1	55	123.84	After	Right Exterior Girder	0	0.95	1	1	10.734495
Lane_serv_inv	BOBJ1	56	129.34	Before	Interior Girder 1	5.5	0.95	1	1	11.29358
Lane_serv_inv	BOBJ1	56	129.34	Before	Interior Girder 2	5.5	0.95	1	1	10.940241
Lane_serv_inv	BOBJ1	56	129.34	Before	Interior Girder 3	5.5	0.95	1	1	10.416545
Lane_serv_inv	BOBJ1	56	129.34	Before	Interior Girder 4	5.5	0.95	1	1	10.416545
Lane_serv_inv	BOBJ1	56	129.34	Before	Interior Girder 5	5.5	0.95	1	1	10.940241
Lane_serv_inv	BOBJ1	56	129.34	Before	Interior Girder 6	5.5	0.95	1	1	11.29358
Lane_serv_inv	BOBJ1	57	129.34	After	Interior Girder 1	5.5	0.95	1	1	7.538598
Lane_serv_inv	BOBJ1	57	129.34	After	Interior Girder 2	5.5	0.95	1	1	7.373793
Lane_serv_inv	BOBJ1	57	129.34	After	Interior Girder 3	5.5	0.95	1	1	6.922218
Lane_serv_inv	BOBJ1	57	129.34	After	Interior Girder 4	5.5	0.95	1	1	6.922218
Lane_serv_inv	BOBJ1	57	129.34	After	Interior Girder 5	5.5	0.95	1	1	7.373793
Lane_serv_inv	BOBJ1	57	129.34	After	Interior Girder 6	5.5	0.95	1	1	7.538598
Lane_serv_inv	BOBJ1	58	130.79	Before	Left Exterior Girder	6.95	0.95	1	1	21.964371
Lane_serv_inv	BOBJ1	58	130.79	Before	Interior Girder 1	6.95	0.95	1	1	9.077913
Lane_serv_inv	BOBJ1	58	130.79	Before	Interior Girder 2	6.95	0.95	1	1	8.638372
Lane_serv_inv	BOBJ1	58	130.79	Before	Interior Girder 3	6.95	0.95	1	1	8.334713
Lane_serv_inv	BOBJ1	58	130.79	Before	Interior Girder 4	6.95	0.95	1	1	8.334713
Lane_serv_inv	BOBJ1	58	130.79	Before	Interior Girder 5	6.95	0.95	1	1	8.638372
Lane_serv_inv	BOBJ1	58	130.79	Before	Interior Girder 6	6.95	0.95	1	1	9.077913
Lane_serv_inv	BOBJ1	58	130.79	Before	Right Exterior Girder	6.95	0.95	1	1	21.964371
Lane_serv_inv	BOBJ1	59	130.79	After	Left Exterior Girder	6.95	0.95	1	1	22.199352
Lane_serv_inv	BOBJ1	59	130.79	After	Interior Girder 1	6.95	0.95	1	1	9.023672
Lane_serv_inv	BOBJ1	59	130.79	After	Interior Girder 2	6.95	0.95	1	1	8.589678
Lane_serv_inv	BOBJ1	59	130.79	After	Interior Girder 3	6.95	0.95	1	1	8.220503
Lane_serv_inv	BOBJ1	59	130.79	After	Interior Girder 4	6.95	0.95	1	1	8.220503
Lane_serv_inv	BOBJ1	59	130.79	After	Interior Girder 5	6.95	0.95	1	1	8.589678
Lane_serv_inv	BOBJ1	59	130.79	After	Interior Girder 6	6.95	0.95	1	1	9.023672
Lane_serv_inv	BOBJ1	59	130.79	After	Right Exterior Girder	6.95	0.95	1	1	22.199352
Lane_serv_inv	BOBJ1	60	132.34	Before	Left Exterior Girder	8.5	0.95	1	1	26.096461
Lane_serv_inv	BOBJ1	60	132.34	Before	Right Exterior Girder	8.5	0.95	1	1	26.096461
Lane_serv_inv	BOBJ1	61	132.34	After	Left Exterior Girder	8.5	0.95	1	1	11.927127
Lane_serv_inv	BOBJ1	61	132.34	After	Right Exterior Girder	8.5	0.95	1	1	11.927127
Lane_serv_inv	BOBJ1	62	137.74	Before	Left Exterior Girder	13.9	0.95	1	1	18.910068
Lane_serv_inv	BOBJ1	62	137.74	Before	Interior Girder 1	13.9	0.95	1	1	16.611081
Lane_serv_inv	BOBJ1	62	137.74	Before	Interior Girder 2	13.9	0.95	1	1	15.612553
Lane_serv_inv	BOBJ1	62	137.74	Before	Interior Girder 3	13.9	0.95	1	1	16.807773
Lane_serv_inv	BOBJ1	62	137.74	Before	Interior Girder 4	13.9	0.95	1	1	16.807773
Lane_serv_inv	BOBJ1	62	137.74	Before	Interior Girder 5	13.9	0.95	1	1	15.612553
Lane_serv_inv	BOBJ1	62	137.74	Before	Interior Girder 6	13.9	0.95	1	1	16.611081
Lane_serv_inv	BOBJ1	62	137.74	Before	Right Exterior Girder	13.9	0.95	1	1	18.910068
Lane_serv_inv	BOBJ1	63	137.74	After	Left Exterior Girder	13.9	0.95	1	1	18.628681
Lane_serv_inv	BOBJ1	63	137.74	After	Interior Girder 1	13.9	0.95	1	1	16.749582
Lane_serv_inv	BOBJ1	63	137.74	After	Interior Girder 2	13.9	0.95	1	1	15.626551
Lane_serv_inv	BOBJ1	63	137.74	After	Interior Girder 3	13.9	0.95	1	1	16.651173
Lane_serv_inv	BOBJ1	63	137.74	After	Interior Girder 4	13.9	0.95	1	1	16.651173
Lane_serv_inv	BOBJ1	63	137.74	After	Interior Girder 5	13.9	0.95	1	1	15.626551
Lane_serv_inv	BOBJ1	63	137.74	After	Interior Girder 6	13.9	0.95	1	1	16.749582
Lane_serv_inv	BOBJ1	63	137.74	After	Right Exterior Girder	13.9	0.95	1	1	18.628681
Lane_serv_inv	BOBJ1	64	143.7733	Before	Left Exterior Girder	19.9333	0.95	1	1	19.985831
Lane_serv_inv	BOBJ1	64	143.7733	Before	Interior Girder 1	19.9333	0.95	1	1	15.988126
Lane_serv_inv	BOBJ1	64	143.7733	Before	Interior Girder 2	19.9333	0.95	1	1	15.639572

TABLE: Bridge Super Rating AASHTORATE18 31 - SteelICompServ-Flx - Approach, Span 12-15										
Request	BridgeObj	BridgeCut	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	Unitless	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Lane_serv_inv	BOBJ1	64	143.7733	Before	Interior Girder 3	19.9333	0.95	1	1	15.910816
Lane_serv_inv	BOBJ1	64	143.7733	Before	Interior Girder 4	19.9333	0.95	1	1	15.910816
Lane_serv_inv	BOBJ1	64	143.7733	Before	Interior Girder 5	19.9333	0.95	1	1	15.639572
Lane_serv_inv	BOBJ1	64	143.7733	Before	Interior Girder 6	19.9333	0.95	1	1	15.988126
Lane_serv_inv	BOBJ1	64	143.7733	Before	Right Exterior Girder	19.9333	0.95	1	1	19.985831
Lane_serv_inv	BOBJ1	65	143.7733	After	Left Exterior Girder	19.9333	0.95	1	1	20.250688
Lane_serv_inv	BOBJ1	65	143.7733	After	Interior Girder 1	19.9333	0.95	1	1	15.80922
Lane_serv_inv	BOBJ1	65	143.7733	After	Interior Girder 2	19.9333	0.95	1	1	15.643557
Lane_serv_inv	BOBJ1	65	143.7733	After	Interior Girder 3	19.9333	0.95	1	1	16.156346
Lane_serv_inv	BOBJ1	65	143.7733	After	Interior Girder 4	19.9333	0.95	1	1	16.156346
Lane_serv_inv	BOBJ1	65	143.7733	After	Interior Girder 5	19.9333	0.95	1	1	15.643557
Lane_serv_inv	BOBJ1	65	143.7733	After	Interior Girder 6	19.9333	0.95	1	1	15.80922
Lane_serv_inv	BOBJ1	65	143.7733	After	Right Exterior Girder	19.9333	0.95	1	1	20.250688
Lane_serv_inv	BOBJ1	66	149.8067	Before	Left Exterior Girder	25.9667	0.95	1	1	14.614018
Lane_serv_inv	BOBJ1	66	149.8067	Before	Interior Girder 1	25.9667	0.95	1	1	12.108664
Lane_serv_inv	BOBJ1	66	149.8067	Before	Interior Girder 2	25.9667	0.95	1	1	11.846104
Lane_serv_inv	BOBJ1	66	149.8067	Before	Interior Girder 3	25.9667	0.95	1	1	12.062837
Lane_serv_inv	BOBJ1	66	149.8067	Before	Interior Girder 4	25.9667	0.95	1	1	12.062837
Lane_serv_inv	BOBJ1	66	149.8067	Before	Interior Girder 5	25.9667	0.95	1	1	11.846104
Lane_serv_inv	BOBJ1	66	149.8067	Before	Interior Girder 6	25.9667	0.95	1	1	12.108664
Lane_serv_inv	BOBJ1	66	149.8067	Before	Right Exterior Girder	25.9667	0.95	1	1	14.614018
Lane_serv_inv	BOBJ1	67	149.8067	After	Left Exterior Girder	25.9667	0.95	1	1	14.521763
Lane_serv_inv	BOBJ1	67	149.8067	After	Interior Girder 1	25.9667	0.95	1	1	12.140334
Lane_serv_inv	BOBJ1	67	149.8067	After	Interior Girder 2	25.9667	0.95	1	1	11.919449
Lane_serv_inv	BOBJ1	67	149.8067	After	Interior Girder 3	25.9667	0.95	1	1	12.2206
Lane_serv_inv	BOBJ1	67	149.8067	After	Interior Girder 4	25.9667	0.95	1	1	12.2206
Lane_serv_inv	BOBJ1	67	149.8067	After	Interior Girder 5	25.9667	0.95	1	1	11.919449
Lane_serv_inv	BOBJ1	67	149.8067	After	Interior Girder 6	25.9667	0.95	1	1	12.140334
Lane_serv_inv	BOBJ1	67	149.8067	After	Right Exterior Girder	25.9667	0.95	1	1	14.521763
Lane_serv_inv	BOBJ1	68	155.84	Before	Left Exterior Girder	32	0.95	1	1	12.246518
Lane_serv_inv	BOBJ1	68	155.84	Before	Interior Girder 1	32	0.95	1	1	11.336524
Lane_serv_inv	BOBJ1	68	155.84	Before	Interior Girder 2	32	0.95	1	1	10.893955
Lane_serv_inv	BOBJ1	68	155.84	Before	Interior Girder 3	32	0.95	1	1	11.156583
Lane_serv_inv	BOBJ1	68	155.84	Before	Interior Girder 4	32	0.95	1	1	11.156583
Lane_serv_inv	BOBJ1	68	155.84	Before	Interior Girder 5	32	0.95	1	1	10.893955
Lane_serv_inv	BOBJ1	68	155.84	Before	Interior Girder 6	32	0.95	1	1	11.336524
Lane_serv_inv	BOBJ1	68	155.84	Before	Right Exterior Girder	32	0.95	1	1	12.246518
Lane_serv_inv	BOBJ1	69	155.84	After	Left Exterior Girder	32	0.95	1	1	12.291794
Lane_serv_inv	BOBJ1	69	155.84	After	Interior Girder 1	32	0.95	1	1	11.297719
Lane_serv_inv	BOBJ1	69	155.84	After	Interior Girder 2	32	0.95	1	1	10.891949
Lane_serv_inv	BOBJ1	69	155.84	After	Interior Girder 3	32	0.95	1	1	11.159823
Lane_serv_inv	BOBJ1	69	155.84	After	Interior Girder 4	32	0.95	1	1	11.159823
Lane_serv_inv	BOBJ1	69	155.84	After	Interior Girder 5	32	0.95	1	1	10.891949
Lane_serv_inv	BOBJ1	69	155.84	After	Interior Girder 6	32	0.95	1	1	11.297719
Lane_serv_inv	BOBJ1	69	155.84	After	Right Exterior Girder	32	0.95	1	1	12.291794
Lane_serv_inv	BOBJ1	70	161.8733	Before	Left Exterior Girder	38.0333	0.95	1	1	13.669256
Lane_serv_inv	BOBJ1	70	161.8733	Before	Interior Girder 1	38.0333	0.95	1	1	11.424409
Lane_serv_inv	BOBJ1	70	161.8733	Before	Interior Girder 2	38.0333	0.95	1	1	11.149876
Lane_serv_inv	BOBJ1	70	161.8733	Before	Interior Girder 3	38.0333	0.95	1	1	11.375625
Lane_serv_inv	BOBJ1	70	161.8733	Before	Interior Girder 4	38.0333	0.95	1	1	11.375625
Lane_serv_inv	BOBJ1	70	161.8733	Before	Interior Girder 5	38.0333	0.95	1	1	11.149876
Lane_serv_inv	BOBJ1	70	161.8733	Before	Interior Girder 6	38.0333	0.95	1	1	11.424409
Lane_serv_inv	BOBJ1	70	161.8733	Before	Right Exterior Girder	38.0333	0.95	1	1	13.669256
Lane_serv_inv	BOBJ1	71	161.8733	After	Left Exterior Girder	38.0333	0.95	1	1	13.745183
Lane_serv_inv	BOBJ1	71	161.8733	After	Interior Girder 1	38.0333	0.95	1	1	11.380042
Lane_serv_inv	BOBJ1	71	161.8733	After	Interior Girder 2	38.0333	0.95	1	1	11.101788
Lane_serv_inv	BOBJ1	71	161.8733	After	Interior Girder 3	38.0333	0.95	1	1	11.272757
Lane_serv_inv	BOBJ1	71	161.8733	After	Interior Girder 4	38.0333	0.95	1	1	11.272757
Lane_serv_inv	BOBJ1	71	161.8733	After	Interior Girder 5	38.0333	0.95	1	1	11.101788
Lane_serv_inv	BOBJ1	71	161.8733	After	Interior Girder 6	38.0333	0.95	1	1	11.380042
Lane_serv_inv	BOBJ1	71	161.8733	After	Right Exterior Girder	38.0333	0.95	1	1	13.745183
Lane_serv_inv	BOBJ1	72	167.9067	Before	Left Exterior Girder	44.0667	0.95	1	1	17.743827
Lane_serv_inv	BOBJ1	72	167.9067	Before	Interior Girder 1	44.0667	0.95	1	1	13.888915
Lane_serv_inv	BOBJ1	72	167.9067	Before	Interior Girder 2	44.0667	0.95	1	1	13.553567
Lane_serv_inv	BOBJ1	72	167.9067	Before	Interior Girder 3	44.0667	0.95	1	1	13.836362
Lane_serv_inv	BOBJ1	72	167.9067	Before	Interior Girder 4	44.0667	0.95	1	1	13.836362
Lane_serv_inv	BOBJ1	72	167.9067	Before	Interior Girder 5	44.0667	0.95	1	1	13.553567
Lane_serv_inv	BOBJ1	72	167.9067	Before	Interior Girder 6	44.0667	0.95	1	1	13.888915
Lane_serv_inv	BOBJ1	72	167.9067	Before	Right Exterior Girder	44.0667	0.95	1	1	17.743827
Lane_serv_inv	BOBJ1	73	167.9067	After	Left Exterior Girder	44.0667	0.95	1	1	17.426722
Lane_serv_inv	BOBJ1	73	167.9067	After	Interior Girder 1	44.0667	0.95	1	1	14.053145
Lane_serv_inv	BOBJ1	73	167.9067	After	Interior Girder 2	44.0667	0.95	1	1	13.585915
Lane_serv_inv	BOBJ1	73	167.9067	After	Interior Girder 3	44.0667	0.95	1	1	13.69489

TABLE: Bridge Super Rating AASHTORATE18 31 - SteelICompServ-Flx - Approach, Span 12-15										
Request	BridgeObj	BridgeCut	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	Unitless	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Lane_serv_inv	BOBJ1	73	167.9067	After	Interior Girder 4	44.0667	0.95	1	1	13.69489
Lane_serv_inv	BOBJ1	73	167.9067	After	Interior Girder 5	44.0667	0.95	1	1	13.585915
Lane_serv_inv	BOBJ1	73	167.9067	After	Interior Girder 6	44.0667	0.95	1	1	14.053145
Lane_serv_inv	BOBJ1	73	167.9067	After	Right Exterior Girder	44.0667	0.95	1	1	17.426722
Lane_serv_inv	BOBJ1	74	173.94	Before	Left Exterior Girder	50.1	0.95	1	1	27.27895
Lane_serv_inv	BOBJ1	74	173.94	Before	Interior Girder 1	50.1	0.95	1	1	22.758568
Lane_serv_inv	BOBJ1	74	173.94	Before	Interior Girder 2	50.1	0.95	1	1	21.30521
Lane_serv_inv	BOBJ1	74	173.94	Before	Interior Girder 3	50.1	0.95	1	1	21.9728
Lane_serv_inv	BOBJ1	74	173.94	Before	Interior Girder 4	50.1	0.95	1	1	21.9728
Lane_serv_inv	BOBJ1	74	173.94	Before	Interior Girder 5	50.1	0.95	1	1	21.30521
Lane_serv_inv	BOBJ1	74	173.94	Before	Interior Girder 6	50.1	0.95	1	1	22.758568
Lane_serv_inv	BOBJ1	74	173.94	Before	Right Exterior Girder	50.1	0.95	1	1	27.27895
Lane_serv_inv	BOBJ1	75	173.94	After	Left Exterior Girder	50.1	0.95	1	1	27.20013
Lane_serv_inv	BOBJ1	75	173.94	After	Interior Girder 1	50.1	0.95	1	1	22.828929
Lane_serv_inv	BOBJ1	75	173.94	After	Interior Girder 2	50.1	0.95	1	1	21.220188
Lane_serv_inv	BOBJ1	75	173.94	After	Interior Girder 3	50.1	0.95	1	1	21.437974
Lane_serv_inv	BOBJ1	75	173.94	After	Interior Girder 4	50.1	0.95	1	1	21.437974
Lane_serv_inv	BOBJ1	75	173.94	After	Interior Girder 5	50.1	0.95	1	1	21.220188
Lane_serv_inv	BOBJ1	75	173.94	After	Interior Girder 6	50.1	0.95	1	1	22.828929
Lane_serv_inv	BOBJ1	75	173.94	After	Right Exterior Girder	50.1	0.95	1	1	27.20013
Lane_serv_inv	BOBJ1	76	179.98	Before	Left Exterior Girder	56.14	0.95	1	1	22.116359
Lane_serv_inv	BOBJ1	76	179.98	Before	Interior Girder 1	56.14	0.95	1	1	18.247791
Lane_serv_inv	BOBJ1	76	179.98	Before	Interior Girder 2	56.14	0.95	1	1	17.216937
Lane_serv_inv	BOBJ1	76	179.98	Before	Interior Girder 3	56.14	0.95	1	1	17.038238
Lane_serv_inv	BOBJ1	76	179.98	Before	Interior Girder 4	56.14	0.95	1	1	17.038238
Lane_serv_inv	BOBJ1	76	179.98	Before	Interior Girder 5	56.14	0.95	1	1	17.216937
Lane_serv_inv	BOBJ1	76	179.98	Before	Interior Girder 6	56.14	0.95	1	1	18.247791
Lane_serv_inv	BOBJ1	76	179.98	Before	Right Exterior Girder	56.14	0.95	1	1	22.116359
Lane_serv_inv	BOBJ1	77	179.98	After	Left Exterior Girder	56.14	0.95	1	1	22.711994
Lane_serv_inv	BOBJ1	77	179.98	After	Interior Girder 1	56.14	0.95	1	1	18.209143
Lane_serv_inv	BOBJ1	77	179.98	After	Interior Girder 2	56.14	0.95	1	1	17.304791
Lane_serv_inv	BOBJ1	77	179.98	After	Interior Girder 3	56.14	0.95	1	1	17.33424
Lane_serv_inv	BOBJ1	77	179.98	After	Interior Girder 4	56.14	0.95	1	1	17.33424
Lane_serv_inv	BOBJ1	77	179.98	After	Interior Girder 5	56.14	0.95	1	1	17.304791
Lane_serv_inv	BOBJ1	77	179.98	After	Interior Girder 6	56.14	0.95	1	1	18.209143
Lane_serv_inv	BOBJ1	77	179.98	After	Right Exterior Girder	56.14	0.95	1	1	22.711994
Lane_serv_inv	BOBJ1	78	183.56	Before	Left Exterior Girder	59.72	0.95	1	1	14.234713
Lane_serv_inv	BOBJ1	78	183.56	Before	Right Exterior Girder	59.72	0.95	1	1	14.234713
Lane_serv_inv	BOBJ1	79	183.56	After	Left Exterior Girder	59.72	0.95	1	1	32.878
Lane_serv_inv	BOBJ1	79	183.56	After	Right Exterior Girder	59.72	0.95	1	1	32.878
Lane_serv_inv	BOBJ1	80	186.02	Before	Left Exterior Girder	62.18	0.95	1	1	24.138301
Lane_serv_inv	BOBJ1	80	186.02	Before	Interior Girder 1	62.22	0.95	1	1	8.983219
Lane_serv_inv	BOBJ1	80	186.02	Before	Interior Girder 2	62.22	0.95	1	1	8.783651
Lane_serv_inv	BOBJ1	80	186.02	Before	Interior Girder 3	62.22	0.95	1	1	8.10291
Lane_serv_inv	BOBJ1	80	186.02	Before	Interior Girder 4	62.22	0.95	1	1	8.10291
Lane_serv_inv	BOBJ1	80	186.02	Before	Interior Girder 5	62.22	0.95	1	1	8.783651
Lane_serv_inv	BOBJ1	80	186.02	Before	Interior Girder 6	62.22	0.95	1	1	8.983219
Lane_serv_inv	BOBJ1	80	186.02	Before	Right Exterior Girder	62.18	0.95	1	1	24.138301
Lane_serv_inv	BOBJ1	81	186.02	After	Left Exterior Girder	62.18	0.95	1	1	24.330333
Lane_serv_inv	BOBJ1	81	186.02	After	Interior Girder 1	62.22	0.95	1	1	14.164108
Lane_serv_inv	BOBJ1	81	186.02	After	Interior Girder 2	62.22	0.95	1	1	13.748917
Lane_serv_inv	BOBJ1	81	186.02	After	Interior Girder 3	62.22	0.95	1	1	12.96917
Lane_serv_inv	BOBJ1	81	186.02	After	Interior Girder 4	62.22	0.95	1	1	12.96917
Lane_serv_inv	BOBJ1	81	186.02	After	Interior Girder 5	62.22	0.95	1	1	13.748917
Lane_serv_inv	BOBJ1	81	186.02	After	Interior Girder 6	62.22	0.95	1	1	14.164108
Lane_serv_inv	BOBJ1	81	186.02	After	Right Exterior Girder	62.18	0.95	1	1	24.330333
Lane_serv_inv	BOBJ1	82	192.06	Before	Left Exterior Girder	68.22	0.95	1	1	12.344099
Lane_serv_inv	BOBJ1	82	192.06	Before	Interior Girder 1	68.22	0.95	1	1	6.977737
Lane_serv_inv	BOBJ1	82	192.06	Before	Interior Girder 2	68.22	0.95	1	1	7.018979
Lane_serv_inv	BOBJ1	82	192.06	Before	Interior Girder 3	68.22	0.95	1	1	6.201183
Lane_serv_inv	BOBJ1	82	192.06	Before	Interior Girder 4	68.22	0.95	1	1	6.201183
Lane_serv_inv	BOBJ1	82	192.06	Before	Interior Girder 5	68.22	0.95	1	1	7.018979
Lane_serv_inv	BOBJ1	82	192.06	Before	Interior Girder 6	68.22	0.95	1	1	6.977737
Lane_serv_inv	BOBJ1	82	192.06	Before	Right Exterior Girder	68.22	0.95	1	1	12.344099
Lane_serv_inv	BOBJ1	83	192.06	After	Left Exterior Girder	0	0.95	1	1	12.345475
Lane_serv_inv	BOBJ1	83	192.06	After	Interior Girder 1	0	0.95	1	1	7.026941
Lane_serv_inv	BOBJ1	83	192.06	After	Interior Girder 2	0	0.95	1	1	7.076872
Lane_serv_inv	BOBJ1	83	192.06	After	Interior Girder 3	0	0.95	1	1	6.229117
Lane_serv_inv	BOBJ1	83	192.06	After	Interior Girder 4	0	0.95	1	1	6.229117
Lane_serv_inv	BOBJ1	83	192.06	After	Interior Girder 5	0	0.95	1	1	7.076872
Lane_serv_inv	BOBJ1	83	192.06	After	Interior Girder 6	0	0.95	1	1	7.026941
Lane_serv_inv	BOBJ1	83	192.06	After	Right Exterior Girder	0	0.95	1	1	12.345475
Lane_serv_inv	BOBJ1	84	197.087	Before	Interior Girder 1	5.027	0.95	1	1	12.07289

TABLE: Bridge Super Rating AASHTORATE18 31 - SteelICompServ-Flx - Approach, Span 12-15										
Request	BridgeObj	BridgeCut	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	Unitless	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Lane_serv_inv	BOBJ1	84	197.087	Before	Interior Girder 2	5.027	0.95	1	1	11.727626
Lane_serv_inv	BOBJ1	84	197.087	Before	Interior Girder 3	5.027	0.95	1	1	11.456777
Lane_serv_inv	BOBJ1	84	197.087	Before	Interior Girder 4	5.027	0.95	1	1	11.456777
Lane_serv_inv	BOBJ1	84	197.087	Before	Interior Girder 5	5.027	0.95	1	1	11.727626
Lane_serv_inv	BOBJ1	84	197.087	Before	Interior Girder 6	5.027	0.95	1	1	12.07289
Lane_serv_inv	BOBJ1	85	197.087	After	Interior Girder 1	5.027	0.95	1	1	7.565812
Lane_serv_inv	BOBJ1	85	197.087	After	Interior Girder 2	5.027	0.95	1	1	7.398173
Lane_serv_inv	BOBJ1	85	197.087	After	Interior Girder 3	5.027	0.95	1	1	7.148115
Lane_serv_inv	BOBJ1	85	197.087	After	Interior Girder 4	5.027	0.95	1	1	7.148115
Lane_serv_inv	BOBJ1	85	197.087	After	Interior Girder 5	5.027	0.95	1	1	7.398173
Lane_serv_inv	BOBJ1	85	197.087	After	Interior Girder 6	5.027	0.95	1	1	7.565812
Lane_serv_inv	BOBJ1	86	197.91	Before	Left Exterior Girder	5.85	0.95	1	1	21.417166
Lane_serv_inv	BOBJ1	86	197.91	Before	Interior Girder 1	5.85	0.95	1	1	8.405317
Lane_serv_inv	BOBJ1	86	197.91	Before	Interior Girder 2	5.85	0.95	1	1	8.056583
Lane_serv_inv	BOBJ1	86	197.91	Before	Interior Girder 3	5.85	0.95	1	1	7.958553
Lane_serv_inv	BOBJ1	86	197.91	Before	Interior Girder 4	5.85	0.95	1	1	7.958553
Lane_serv_inv	BOBJ1	86	197.91	Before	Interior Girder 5	5.85	0.95	1	1	8.056583
Lane_serv_inv	BOBJ1	86	197.91	Before	Interior Girder 6	5.85	0.95	1	1	8.405317
Lane_serv_inv	BOBJ1	86	197.91	Before	Right Exterior Girder	5.85	0.95	1	1	21.417166
Lane_serv_inv	BOBJ1	87	197.91	After	Left Exterior Girder	5.85	0.95	1	1	21.464404
Lane_serv_inv	BOBJ1	87	197.91	After	Interior Girder 1	5.85	0.95	1	1	8.405367
Lane_serv_inv	BOBJ1	87	197.91	After	Interior Girder 2	5.85	0.95	1	1	8.043561
Lane_serv_inv	BOBJ1	87	197.91	After	Interior Girder 3	5.85	0.95	1	1	7.861027
Lane_serv_inv	BOBJ1	87	197.91	After	Interior Girder 4	5.85	0.95	1	1	7.861027
Lane_serv_inv	BOBJ1	87	197.91	After	Interior Girder 5	5.85	0.95	1	1	8.043561
Lane_serv_inv	BOBJ1	87	197.91	After	Interior Girder 6	5.85	0.95	1	1	8.405367
Lane_serv_inv	BOBJ1	87	197.91	After	Right Exterior Girder	5.85	0.95	1	1	21.464404
Lane_serv_inv	BOBJ1	88	199.1816	Before	Left Exterior Girder	7.1216	0.95	1	1	23.658629
Lane_serv_inv	BOBJ1	88	199.1816	Before	Right Exterior Girder	7.1216	0.95	1	1	23.658629
Lane_serv_inv	BOBJ1	89	199.1816	After	Left Exterior Girder	7.1216	0.95	1	1	10.100065
Lane_serv_inv	BOBJ1	89	199.1816	After	Right Exterior Girder	7.1216	0.95	1	1	10.100065
Lane_serv_inv	BOBJ1	90	203.5267	Before	Left Exterior Girder	11.3107	0.95	1	1	13.994095
Lane_serv_inv	BOBJ1	90	203.5267	Before	Interior Girder 1	11.3107	0.95	1	1	13.224847
Lane_serv_inv	BOBJ1	90	203.5267	Before	Interior Girder 2	11.3107	0.95	1	1	12.499193
Lane_serv_inv	BOBJ1	90	203.5267	Before	Interior Girder 3	11.3107	0.95	1	1	13.139553
Lane_serv_inv	BOBJ1	90	203.5267	Before	Interior Girder 4	11.3107	0.95	1	1	13.139553
Lane_serv_inv	BOBJ1	90	203.5267	Before	Interior Girder 5	11.3107	0.95	1	1	12.499193
Lane_serv_inv	BOBJ1	90	203.5267	Before	Interior Girder 6	11.3107	0.95	1	1	13.224847
Lane_serv_inv	BOBJ1	90	203.5267	Before	Right Exterior Girder	11.3107	0.95	1	1	13.994095
Lane_serv_inv	BOBJ1	91	203.5267	After	Left Exterior Girder	11.3107	0.95	1	1	22.159364
Lane_serv_inv	BOBJ1	91	203.5267	After	Interior Girder 1	11.3107	0.95	1	1	20.840985
Lane_serv_inv	BOBJ1	91	203.5267	After	Interior Girder 2	11.3107	0.95	1	1	19.738199
Lane_serv_inv	BOBJ1	91	203.5267	After	Interior Girder 3	11.3107	0.95	1	1	20.691137
Lane_serv_inv	BOBJ1	91	203.5267	After	Interior Girder 4	11.3107	0.95	1	1	20.691137
Lane_serv_inv	BOBJ1	91	203.5267	After	Interior Girder 5	11.3107	0.95	1	1	19.738199
Lane_serv_inv	BOBJ1	91	203.5267	After	Interior Girder 6	11.3107	0.95	1	1	20.840985
Lane_serv_inv	BOBJ1	91	203.5267	After	Right Exterior Girder	11.3107	0.95	1	1	22.159364
Lane_serv_inv	BOBJ1	92	209.1433	Before	Left Exterior Girder	17.0833	0.95	1	1	26.150795
Lane_serv_inv	BOBJ1	92	209.1433	Before	Interior Girder 1	17.0833	0.95	1	1	22.157379
Lane_serv_inv	BOBJ1	92	209.1433	Before	Interior Girder 2	17.0833	0.95	1	1	21.662915
Lane_serv_inv	BOBJ1	92	209.1433	Before	Interior Girder 3	17.0833	0.95	1	1	22.292453
Lane_serv_inv	BOBJ1	92	209.1433	Before	Interior Girder 4	17.0833	0.95	1	1	22.292453
Lane_serv_inv	BOBJ1	92	209.1433	Before	Interior Girder 5	17.0833	0.95	1	1	21.662915
Lane_serv_inv	BOBJ1	92	209.1433	Before	Interior Girder 6	17.0833	0.95	1	1	22.157379
Lane_serv_inv	BOBJ1	92	209.1433	Before	Right Exterior Girder	17.0833	0.95	1	1	26.150795
Lane_serv_inv	BOBJ1	93	209.1433	After	Left Exterior Girder	17.0833	0.95	1	1	25.497532
Lane_serv_inv	BOBJ1	93	209.1433	After	Interior Girder 1	17.0833	0.95	1	1	22.3587
Lane_serv_inv	BOBJ1	93	209.1433	After	Interior Girder 2	17.0833	0.95	1	1	21.862613
Lane_serv_inv	BOBJ1	93	209.1433	After	Interior Girder 3	17.0833	0.95	1	1	22.77422
Lane_serv_inv	BOBJ1	93	209.1433	After	Interior Girder 4	17.0833	0.95	1	1	22.77422
Lane_serv_inv	BOBJ1	93	209.1433	After	Interior Girder 5	17.0833	0.95	1	1	21.862613
Lane_serv_inv	BOBJ1	93	209.1433	After	Interior Girder 6	17.0833	0.95	1	1	22.3587
Lane_serv_inv	BOBJ1	93	209.1433	After	Right Exterior Girder	17.0833	0.95	1	1	25.497532
Lane_serv_inv	BOBJ1	94	214.76	Before	Left Exterior Girder	22.7	0.95	1	1	20.392524
Lane_serv_inv	BOBJ1	94	214.76	Before	Interior Girder 1	22.7	0.95	1	1	17.567279
Lane_serv_inv	BOBJ1	94	214.76	Before	Interior Girder 2	22.7	0.95	1	1	16.909648
Lane_serv_inv	BOBJ1	94	214.76	Before	Interior Girder 3	22.7	0.95	1	1	17.257526
Lane_serv_inv	BOBJ1	94	214.76	Before	Interior Girder 4	22.7	0.95	1	1	17.257526
Lane_serv_inv	BOBJ1	94	214.76	Before	Interior Girder 5	22.7	0.95	1	1	16.909648
Lane_serv_inv	BOBJ1	94	214.76	Before	Interior Girder 6	22.7	0.95	1	1	17.567279
Lane_serv_inv	BOBJ1	94	214.76	Before	Right Exterior Girder	22.7	0.95	1	1	20.392524
Lane_serv_inv	BOBJ1	95	214.76	After	Left Exterior Girder	22.7	0.95	1	1	20.283306
Lane_serv_inv	BOBJ1	95	214.76	After	Interior Girder 1	22.7	0.95	1	1	17.550823

TABLE: Bridge Super Rating AASHTORATE18 31 - SteelCompServ-Flx - Approach, Span 12-15										
Request	BridgeObj	BridgeCut	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	Unitless	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Lane_serv_inv	BOBJ1	95	214.76	After	Interior Girder 2	22.7	0.95	1	1	16.932298
Lane_serv_inv	BOBJ1	95	214.76	After	Interior Girder 3	22.7	0.95	1	1	17.380657
Lane_serv_inv	BOBJ1	95	214.76	After	Interior Girder 4	22.7	0.95	1	1	17.380657
Lane_serv_inv	BOBJ1	95	214.76	After	Interior Girder 5	22.7	0.95	1	1	16.932298
Lane_serv_inv	BOBJ1	95	214.76	After	Interior Girder 6	22.7	0.95	1	1	17.550823
Lane_serv_inv	BOBJ1	95	214.76	After	Right Exterior Girder	22.7	0.95	1	1	20.283306
Lane_serv_inv	BOBJ1	96	220.3767	Before	Left Exterior Girder	28.3167	0.95	1	1	19.438326
Lane_serv_inv	BOBJ1	96	220.3767	Before	Interior Girder 1	28.3167	0.95	1	1	15.09708
Lane_serv_inv	BOBJ1	96	220.3767	Before	Interior Girder 2	28.3167	0.95	1	1	14.819374
Lane_serv_inv	BOBJ1	96	220.3767	Before	Interior Girder 3	28.3167	0.95	1	1	15.012622
Lane_serv_inv	BOBJ1	96	220.3767	Before	Interior Girder 4	28.3167	0.95	1	1	15.012622
Lane_serv_inv	BOBJ1	96	220.3767	Before	Interior Girder 5	28.3167	0.95	1	1	14.819374
Lane_serv_inv	BOBJ1	96	220.3767	Before	Interior Girder 6	28.3167	0.95	1	1	15.09708
Lane_serv_inv	BOBJ1	96	220.3767	Before	Right Exterior Girder	28.3167	0.95	1	1	19.438326
Lane_serv_inv	BOBJ1	97	220.3767	After	Left Exterior Girder	28.3167	0.95	1	1	19.533909
Lane_serv_inv	BOBJ1	97	220.3767	After	Interior Girder 1	28.3167	0.95	1	1	15.049555
Lane_serv_inv	BOBJ1	97	220.3767	After	Interior Girder 2	28.3167	0.95	1	1	14.771629
Lane_serv_inv	BOBJ1	97	220.3767	After	Interior Girder 3	28.3167	0.95	1	1	14.985857
Lane_serv_inv	BOBJ1	97	220.3767	After	Interior Girder 4	28.3167	0.95	1	1	14.985857
Lane_serv_inv	BOBJ1	97	220.3767	After	Interior Girder 5	28.3167	0.95	1	1	14.771629
Lane_serv_inv	BOBJ1	97	220.3767	After	Interior Girder 6	28.3167	0.95	1	1	15.049555
Lane_serv_inv	BOBJ1	97	220.3767	After	Right Exterior Girder	28.3167	0.95	1	1	19.533909
Lane_serv_inv	BOBJ1	98	225.9933	Before	Left Exterior Girder	33.9333	0.95	1	1	19.613346
Lane_serv_inv	BOBJ1	98	225.9933	Before	Interior Girder 1	33.9333	0.95	1	1	14.873109
Lane_serv_inv	BOBJ1	98	225.9933	Before	Interior Girder 2	33.9333	0.95	1	1	14.688568
Lane_serv_inv	BOBJ1	98	225.9933	Before	Interior Girder 3	33.9333	0.95	1	1	14.826242
Lane_serv_inv	BOBJ1	98	225.9933	Before	Interior Girder 4	33.9333	0.95	1	1	14.826242
Lane_serv_inv	BOBJ1	98	225.9933	Before	Interior Girder 5	33.9333	0.95	1	1	14.688568
Lane_serv_inv	BOBJ1	98	225.9933	Before	Interior Girder 6	33.9333	0.95	1	1	14.873109
Lane_serv_inv	BOBJ1	98	225.9933	Before	Right Exterior Girder	33.9333	0.95	1	1	19.613346
Lane_serv_inv	BOBJ1	99	225.9933	After	Left Exterior Girder	33.9333	0.95	1	1	19.431771
Lane_serv_inv	BOBJ1	99	225.9933	After	Interior Girder 1	33.9333	0.95	1	1	14.968891
Lane_serv_inv	BOBJ1	99	225.9933	After	Interior Girder 2	33.9333	0.95	1	1	14.686861
Lane_serv_inv	BOBJ1	99	225.9933	After	Interior Girder 3	33.9333	0.95	1	1	14.774989
Lane_serv_inv	BOBJ1	99	225.9933	After	Interior Girder 4	33.9333	0.95	1	1	14.774989
Lane_serv_inv	BOBJ1	99	225.9933	After	Interior Girder 5	33.9333	0.95	1	1	14.686861
Lane_serv_inv	BOBJ1	99	225.9933	After	Interior Girder 6	33.9333	0.95	1	1	14.968891
Lane_serv_inv	BOBJ1	99	225.9933	After	Right Exterior Girder	33.9333	0.95	1	1	19.431771
Lane_serv_inv	BOBJ1	100	231.61	Before	Left Exterior Girder	39.55	0.95	1	1	21.387066
Lane_serv_inv	BOBJ1	100	231.61	Before	Interior Girder 1	39.55	0.95	1	1	17.06444
Lane_serv_inv	BOBJ1	100	231.61	Before	Interior Girder 2	39.55	0.95	1	1	16.657925
Lane_serv_inv	BOBJ1	100	231.61	Before	Interior Girder 3	39.55	0.95	1	1	16.769863
Lane_serv_inv	BOBJ1	100	231.61	Before	Interior Girder 4	39.55	0.95	1	1	16.769863
Lane_serv_inv	BOBJ1	100	231.61	Before	Interior Girder 5	39.55	0.95	1	1	16.657925
Lane_serv_inv	BOBJ1	100	231.61	Before	Interior Girder 6	39.55	0.95	1	1	17.06444
Lane_serv_inv	BOBJ1	100	231.61	Before	Right Exterior Girder	39.55	0.95	1	1	21.387066
Lane_serv_inv	BOBJ1	101	231.61	After	Left Exterior Girder	39.55	0.95	1	1	21.419107
Lane_serv_inv	BOBJ1	101	231.61	After	Interior Girder 1	39.55	0.95	1	1	17.088913
Lane_serv_inv	BOBJ1	101	231.61	After	Interior Girder 2	39.55	0.95	1	1	16.55963
Lane_serv_inv	BOBJ1	101	231.61	After	Interior Girder 3	39.55	0.95	1	1	16.534403
Lane_serv_inv	BOBJ1	101	231.61	After	Interior Girder 4	39.55	0.95	1	1	16.534403
Lane_serv_inv	BOBJ1	101	231.61	After	Interior Girder 5	39.55	0.95	1	1	16.55963
Lane_serv_inv	BOBJ1	101	231.61	After	Interior Girder 6	39.55	0.95	1	1	17.088913
Lane_serv_inv	BOBJ1	101	231.61	After	Right Exterior Girder	39.55	0.95	1	1	21.419107
Lane_serv_inv	BOBJ1	102	237.37	Before	Left Exterior Girder	45.31	0.95	1	1	30.171597
Lane_serv_inv	BOBJ1	102	237.37	Before	Interior Girder 1	45.31	0.95	1	1	21.894293
Lane_serv_inv	BOBJ1	102	237.37	Before	Interior Girder 2	45.31	0.95	1	1	21.851017
Lane_serv_inv	BOBJ1	102	237.37	Before	Interior Girder 3	45.31	0.95	1	1	21.764264
Lane_serv_inv	BOBJ1	102	237.37	Before	Interior Girder 4	45.31	0.95	1	1	21.764264
Lane_serv_inv	BOBJ1	102	237.37	Before	Interior Girder 5	45.31	0.95	1	1	21.851017
Lane_serv_inv	BOBJ1	102	237.37	Before	Interior Girder 6	45.31	0.95	1	1	21.894293
Lane_serv_inv	BOBJ1	102	237.37	Before	Right Exterior Girder	45.31	0.95	1	1	30.171597
Lane_serv_inv	BOBJ1	103	237.37	After	Left Exterior Girder	45.31	0.95	1	1	30.900339
Lane_serv_inv	BOBJ1	103	237.37	After	Interior Girder 1	45.31	0.95	1	1	21.787278
Lane_serv_inv	BOBJ1	103	237.37	After	Interior Girder 2	45.31	0.95	1	1	21.546673
Lane_serv_inv	BOBJ1	103	237.37	After	Interior Girder 3	45.31	0.95	1	1	21.196726
Lane_serv_inv	BOBJ1	103	237.37	After	Interior Girder 4	45.31	0.95	1	1	21.196726
Lane_serv_inv	BOBJ1	103	237.37	After	Interior Girder 5	45.31	0.95	1	1	21.546673
Lane_serv_inv	BOBJ1	103	237.37	After	Interior Girder 6	45.31	0.95	1	1	21.787278
Lane_serv_inv	BOBJ1	103	237.37	After	Right Exterior Girder	45.31	0.95	1	1	30.900339
Lane_serv_inv	BOBJ1	104	243.13	Before	Left Exterior Girder	51.07	0.95	1	1	57.521772
Lane_serv_inv	BOBJ1	104	243.13	Before	Interior Girder 1	51.07	0.95	1	1	38.887297
Lane_serv_inv	BOBJ1	104	243.13	Before	Interior Girder 2	51.07	0.95	1	1	39.663818

TABLE: Bridge Super Rating AASHTORATE18 31 - SteelICompServ-Flx - Approach, Span 12-15										
Request	BridgeObj	BridgeCut	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	Unitless	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Lane_serv_inv	BOBJ1	104	243.13	Before	Interior Girder 3	51.07	0.95	1	1	39.086868
Lane_serv_inv	BOBJ1	104	243.13	Before	Interior Girder 4	51.07	0.95	1	1	39.086868
Lane_serv_inv	BOBJ1	104	243.13	Before	Interior Girder 5	51.07	0.95	1	1	39.663818
Lane_serv_inv	BOBJ1	104	243.13	Before	Interior Girder 6	51.07	0.95	1	1	38.887297
Lane_serv_inv	BOBJ1	104	243.13	Before	Right Exterior Girder	51.07	0.95	1	1	57.521772
Lane_serv_inv	BOBJ1	105	243.13	After	Left Exterior Girder	51.07	0.95	1	1	59.179448
Lane_serv_inv	BOBJ1	105	243.13	After	Interior Girder 1	51.07	0.95	1	1	38.610947
Lane_serv_inv	BOBJ1	105	243.13	After	Interior Girder 2	51.07	0.95	1	1	39.024625
Lane_serv_inv	BOBJ1	105	243.13	After	Interior Girder 3	51.07	0.95	1	1	37.469141
Lane_serv_inv	BOBJ1	105	243.13	After	Interior Girder 4	51.07	0.95	1	1	37.469141
Lane_serv_inv	BOBJ1	105	243.13	After	Interior Girder 5	51.07	0.95	1	1	39.024625
Lane_serv_inv	BOBJ1	105	243.13	After	Interior Girder 6	51.07	0.95	1	1	38.610947
Lane_serv_inv	BOBJ1	105	243.13	After	Right Exterior Girder	51.07	0.95	1	1	59.179448
Lane_serv_inv	BOBJ1	106	248.89	Before	Left Exterior Girder	56.83	0.95	1	1	2358.903108
Lane_serv_inv	BOBJ1	106	248.89	Before	Interior Girder 1	56.83	0.95	1	1	1852.741345
Lane_serv_inv	BOBJ1	106	248.89	Before	Interior Girder 2	56.83	0.95	1	1	1607.33585
Lane_serv_inv	BOBJ1	106	248.89	Before	Interior Girder 3	56.83	0.95	1	1	1321.620238
Lane_serv_inv	BOBJ1	106	248.89	Before	Interior Girder 4	56.83	0.95	1	1	1321.620241
Lane_serv_inv	BOBJ1	106	248.89	Before	Interior Girder 5	56.83	0.95	1	1	1607.335849
Lane_serv_inv	BOBJ1	106	248.89	Before	Interior Girder 6	56.83	0.95	1	1	1852.741345
Lane_serv_inv	BOBJ1	106	248.89	Before	Right Exterior Girder	56.83	0.95	1	1	2358.903108
SU4_serv	BOBJ1	1	0	After	Left Exterior Girder	0	0.95	1	1	399.105082
SU4_serv	BOBJ1	1	0	After	Interior Girder 1	0	0.95	1	1	276.711499
SU4_serv	BOBJ1	1	0	After	Interior Girder 2	0	0.95	1	1	200.177258
SU4_serv	BOBJ1	1	0	After	Interior Girder 3	0	0.95	1	1	162.271612
SU4_serv	BOBJ1	1	0	After	Interior Girder 4	0	0.95	1	1	162.271612
SU4_serv	BOBJ1	1	0	After	Interior Girder 5	0	0.95	1	1	200.177258
SU4_serv	BOBJ1	1	0	After	Interior Girder 6	0	0.95	1	1	276.7115
SU4_serv	BOBJ1	1	0	After	Right Exterior Girder	0	0.95	1	1	399.105082
SU4_serv	BOBJ1	2	5.85	Before	Left Exterior Girder	5.85	0.95	1	1	11.098892
SU4_serv	BOBJ1	2	5.85	Before	Interior Girder 1	5.85	0.95	1	1	7.851338
SU4_serv	BOBJ1	2	5.85	Before	Interior Girder 2	5.85	0.95	1	1	7.262237
SU4_serv	BOBJ1	2	5.85	Before	Interior Girder 3	5.85	0.95	1	1	6.350182
SU4_serv	BOBJ1	2	5.85	Before	Interior Girder 4	5.85	0.95	1	1	6.350182
SU4_serv	BOBJ1	2	5.85	Before	Interior Girder 5	5.85	0.95	1	1	7.262237
SU4_serv	BOBJ1	2	5.85	Before	Interior Girder 6	5.85	0.95	1	1	7.851338
SU4_serv	BOBJ1	2	5.85	Before	Right Exterior Girder	5.85	0.95	1	1	11.098892
SU4_serv	BOBJ1	3	5.85	After	Left Exterior Girder	5.85	0.95	1	1	11.127098
SU4_serv	BOBJ1	3	5.85	After	Interior Girder 1	5.85	0.95	1	1	7.882177
SU4_serv	BOBJ1	3	5.85	After	Interior Girder 2	5.85	0.95	1	1	7.36264
SU4_serv	BOBJ1	3	5.85	After	Interior Girder 3	5.85	0.95	1	1	6.635884
SU4_serv	BOBJ1	3	5.85	After	Interior Girder 4	5.85	0.95	1	1	6.635884
SU4_serv	BOBJ1	3	5.85	After	Interior Girder 5	5.85	0.95	1	1	7.36264
SU4_serv	BOBJ1	3	5.85	After	Interior Girder 6	5.85	0.95	1	1	7.882177
SU4_serv	BOBJ1	3	5.85	After	Right Exterior Girder	5.85	0.95	1	1	11.127098
SU4_serv	BOBJ1	4	11.4667	Before	Left Exterior Girder	11.4667	0.95	1	1	6.238124
SU4_serv	BOBJ1	4	11.4667	Before	Interior Girder 1	11.4667	0.95	1	1	4.523623
SU4_serv	BOBJ1	4	11.4667	Before	Interior Girder 2	11.4667	0.95	1	1	4.245046
SU4_serv	BOBJ1	4	11.4667	Before	Interior Girder 3	11.4667	0.95	1	1	3.943162
SU4_serv	BOBJ1	4	11.4667	Before	Interior Girder 4	11.4667	0.95	1	1	3.943162
SU4_serv	BOBJ1	4	11.4667	Before	Interior Girder 5	11.4667	0.95	1	1	4.245046
SU4_serv	BOBJ1	4	11.4667	Before	Interior Girder 6	11.4667	0.95	1	1	4.523623
SU4_serv	BOBJ1	4	11.4667	Before	Right Exterior Girder	11.4667	0.95	1	1	6.238124
SU4_serv	BOBJ1	5	11.4667	After	Left Exterior Girder	11.4667	0.95	1	1	6.311527
SU4_serv	BOBJ1	5	11.4667	After	Interior Girder 1	11.4667	0.95	1	1	4.502758
SU4_serv	BOBJ1	5	11.4667	After	Interior Girder 2	11.4667	0.95	1	1	4.288837
SU4_serv	BOBJ1	5	11.4667	After	Interior Girder 3	11.4667	0.95	1	1	4.044306
SU4_serv	BOBJ1	5	11.4667	After	Interior Girder 4	11.4667	0.95	1	1	4.044306
SU4_serv	BOBJ1	5	11.4667	After	Interior Girder 5	11.4667	0.95	1	1	4.288837
SU4_serv	BOBJ1	5	11.4667	After	Interior Girder 6	11.4667	0.95	1	1	4.502758
SU4_serv	BOBJ1	5	11.4667	After	Right Exterior Girder	11.4667	0.95	1	1	6.311527
SU4_serv	BOBJ1	6	17.0833	Before	Left Exterior Girder	17.0833	0.95	1	1	4.75307
SU4_serv	BOBJ1	6	17.0833	Before	Interior Girder 1	17.0833	0.95	1	1	3.613494
SU4_serv	BOBJ1	6	17.0833	Before	Interior Girder 2	17.0833	0.95	1	1	3.415147
SU4_serv	BOBJ1	6	17.0833	Before	Interior Girder 3	17.0833	0.95	1	1	3.27863
SU4_serv	BOBJ1	6	17.0833	Before	Interior Girder 4	17.0833	0.95	1	1	3.27863
SU4_serv	BOBJ1	6	17.0833	Before	Interior Girder 5	17.0833	0.95	1	1	3.415147
SU4_serv	BOBJ1	6	17.0833	Before	Interior Girder 6	17.0833	0.95	1	1	3.613494
SU4_serv	BOBJ1	6	17.0833	Before	Right Exterior Girder	17.0833	0.95	1	1	4.75307
SU4_serv	BOBJ1	7	17.0833	After	Left Exterior Girder	17.0833	0.95	1	1	4.74395
SU4_serv	BOBJ1	7	17.0833	After	Interior Girder 1	17.0833	0.95	1	1	3.618224
SU4_serv	BOBJ1	7	17.0833	After	Interior Girder 2	17.0833	0.95	1	1	3.445737
SU4_serv	BOBJ1	7	17.0833	After	Interior Girder 3	17.0833	0.95	1	1	3.31515

TABLE: Bridge Super Rating AASHTORATE18 31 - SteelICompServ-Flx - Approach, Span 12-15										
Request	BridgeObj	BridgeCut	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	Unitless	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
SU4_serv	BOBJ1	7	17.0833	After	Interior Girder 4	17.0833	0.95	1	1	3.31515
SU4_serv	BOBJ1	7	17.0833	After	Interior Girder 5	17.0833	0.95	1	1	3.445737
SU4_serv	BOBJ1	7	17.0833	After	Interior Girder 6	17.0833	0.95	1	1	3.618224
SU4_serv	BOBJ1	7	17.0833	After	Right Exterior Girder	17.0833	0.95	1	1	4.74395
SU4_serv	BOBJ1	8	22.7	Before	Left Exterior Girder	22.7	0.95	1	1	4.141023
SU4_serv	BOBJ1	8	22.7	Before	Interior Girder 1	22.7	0.95	1	1	3.487823
SU4_serv	BOBJ1	8	22.7	Before	Interior Girder 2	22.7	0.95	1	1	3.309983
SU4_serv	BOBJ1	8	22.7	Before	Interior Girder 3	22.7	0.95	1	1	3.240394
SU4_serv	BOBJ1	8	22.7	Before	Interior Girder 4	22.7	0.95	1	1	3.240394
SU4_serv	BOBJ1	8	22.7	Before	Interior Girder 5	22.7	0.95	1	1	3.309983
SU4_serv	BOBJ1	8	22.7	Before	Interior Girder 6	22.7	0.95	1	1	3.487823
SU4_serv	BOBJ1	8	22.7	Before	Right Exterior Girder	22.7	0.95	1	1	4.141023
SU4_serv	BOBJ1	9	22.7	After	Left Exterior Girder	22.7	0.95	1	1	4.158766
SU4_serv	BOBJ1	9	22.7	After	Interior Girder 1	22.7	0.95	1	1	3.476925
SU4_serv	BOBJ1	9	22.7	After	Interior Girder 2	22.7	0.95	1	1	3.311181
SU4_serv	BOBJ1	9	22.7	After	Interior Girder 3	22.7	0.95	1	1	3.242266
SU4_serv	BOBJ1	9	22.7	After	Interior Girder 4	22.7	0.95	1	1	3.242266
SU4_serv	BOBJ1	9	22.7	After	Interior Girder 5	22.7	0.95	1	1	3.311181
SU4_serv	BOBJ1	9	22.7	After	Interior Girder 6	22.7	0.95	1	1	3.476925
SU4_serv	BOBJ1	9	22.7	After	Right Exterior Girder	22.7	0.95	1	1	4.158766
SU4_serv	BOBJ1	10	28.3167	Before	Left Exterior Girder	28.3167	0.95	1	1	4.523161
SU4_serv	BOBJ1	10	28.3167	Before	Interior Girder 1	28.3167	0.95	1	1	3.517267
SU4_serv	BOBJ1	10	28.3167	Before	Interior Girder 2	28.3167	0.95	1	1	3.358751
SU4_serv	BOBJ1	10	28.3167	Before	Interior Girder 3	28.3167	0.95	1	1	3.27618
SU4_serv	BOBJ1	10	28.3167	Before	Interior Girder 4	28.3167	0.95	1	1	3.27618
SU4_serv	BOBJ1	10	28.3167	Before	Interior Girder 5	28.3167	0.95	1	1	3.358751
SU4_serv	BOBJ1	10	28.3167	Before	Interior Girder 6	28.3167	0.95	1	1	3.517267
SU4_serv	BOBJ1	10	28.3167	Before	Right Exterior Girder	28.3167	0.95	1	1	4.523161
SU4_serv	BOBJ1	11	28.3167	After	Left Exterior Girder	28.3167	0.95	1	1	4.545108
SU4_serv	BOBJ1	11	28.3167	After	Interior Girder 1	28.3167	0.95	1	1	3.503459
SU4_serv	BOBJ1	11	28.3167	After	Interior Girder 2	28.3167	0.95	1	1	3.339838
SU4_serv	BOBJ1	11	28.3167	After	Interior Girder 3	28.3167	0.95	1	1	3.252032
SU4_serv	BOBJ1	11	28.3167	After	Interior Girder 4	28.3167	0.95	1	1	3.252032
SU4_serv	BOBJ1	11	28.3167	After	Interior Girder 5	28.3167	0.95	1	1	3.339838
SU4_serv	BOBJ1	11	28.3167	After	Interior Girder 6	28.3167	0.95	1	1	3.503459
SU4_serv	BOBJ1	11	28.3167	After	Right Exterior Girder	28.3167	0.95	1	1	4.545108
SU4_serv	BOBJ1	12	33.9333	Before	Left Exterior Girder	33.9333	0.95	1	1	5.461836
SU4_serv	BOBJ1	12	33.9333	Before	Interior Girder 1	33.9333	0.95	1	1	4.057607
SU4_serv	BOBJ1	12	33.9333	Before	Interior Girder 2	33.9333	0.95	1	1	3.852701
SU4_serv	BOBJ1	12	33.9333	Before	Interior Girder 3	33.9333	0.95	1	1	3.770501
SU4_serv	BOBJ1	12	33.9333	Before	Interior Girder 4	33.9333	0.95	1	1	3.770501
SU4_serv	BOBJ1	12	33.9333	Before	Interior Girder 5	33.9333	0.95	1	1	3.852701
SU4_serv	BOBJ1	12	33.9333	Before	Interior Girder 6	33.9333	0.95	1	1	4.057607
SU4_serv	BOBJ1	12	33.9333	Before	Right Exterior Girder	33.9333	0.95	1	1	5.461836
SU4_serv	BOBJ1	13	33.9333	After	Left Exterior Girder	33.9333	0.95	1	1	5.40548
SU4_serv	BOBJ1	13	33.9333	After	Interior Girder 1	33.9333	0.95	1	1	4.089015
SU4_serv	BOBJ1	13	33.9333	After	Interior Girder 2	33.9333	0.95	1	1	3.855482
SU4_serv	BOBJ1	13	33.9333	After	Interior Girder 3	33.9333	0.95	1	1	3.749999
SU4_serv	BOBJ1	13	33.9333	After	Interior Girder 4	33.9333	0.95	1	1	3.749999
SU4_serv	BOBJ1	13	33.9333	After	Interior Girder 5	33.9333	0.95	1	1	3.855482
SU4_serv	BOBJ1	13	33.9333	After	Interior Girder 6	33.9333	0.95	1	1	4.089015
SU4_serv	BOBJ1	13	33.9333	After	Right Exterior Girder	33.9333	0.95	1	1	5.40548
SU4_serv	BOBJ1	14	39.55	Before	Left Exterior Girder	39.55	0.95	1	1	7.376532
SU4_serv	BOBJ1	14	39.55	Before	Interior Girder 1	39.55	0.95	1	1	5.664987
SU4_serv	BOBJ1	14	39.55	Before	Interior Girder 2	39.55	0.95	1	1	5.246808
SU4_serv	BOBJ1	14	39.55	Before	Interior Girder 3	39.55	0.95	1	1	5.136712
SU4_serv	BOBJ1	14	39.55	Before	Interior Girder 4	39.55	0.95	1	1	5.136712
SU4_serv	BOBJ1	14	39.55	Before	Interior Girder 5	39.55	0.95	1	1	5.246808
SU4_serv	BOBJ1	14	39.55	Before	Interior Girder 6	39.55	0.95	1	1	5.664987
SU4_serv	BOBJ1	14	39.55	Before	Right Exterior Girder	39.55	0.95	1	1	7.376532
SU4_serv	BOBJ1	15	39.55	After	Left Exterior Girder	39.55	0.95	1	1	7.390312
SU4_serv	BOBJ1	15	39.55	After	Interior Girder 1	39.55	0.95	1	1	5.675522
SU4_serv	BOBJ1	15	39.55	After	Interior Girder 2	39.55	0.95	1	1	5.218837
SU4_serv	BOBJ1	15	39.55	After	Interior Girder 3	39.55	0.95	1	1	5.059745
SU4_serv	BOBJ1	15	39.55	After	Interior Girder 4	39.55	0.95	1	1	5.059745
SU4_serv	BOBJ1	15	39.55	After	Interior Girder 5	39.55	0.95	1	1	5.218837
SU4_serv	BOBJ1	15	39.55	After	Interior Girder 6	39.55	0.95	1	1	5.675522
SU4_serv	BOBJ1	15	39.55	After	Right Exterior Girder	39.55	0.95	1	1	7.390312
SU4_serv	BOBJ1	16	45.1733	Before	Left Exterior Girder	45.1226	0.95	1	1	6.426884
SU4_serv	BOBJ1	16	45.1733	Before	Interior Girder 1	45.1226	0.95	1	1	6.557616
SU4_serv	BOBJ1	16	45.1733	Before	Interior Girder 2	45.1226	0.95	1	1	6.281707
SU4_serv	BOBJ1	16	45.1733	Before	Interior Girder 3	45.1226	0.95	1	1	6.384531
SU4_serv	BOBJ1	16	45.1733	Before	Interior Girder 4	45.1226	0.95	1	1	6.384531

TABLE: Bridge Super Rating AASHTORATE18 31 - SteelICompServ-Flx - Approach, Span 12-15										
Request	BridgeObj	BridgeCut	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	Unitless	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
SU4_serv	BOBJ1	16	45.1733	Before	Interior Girder 5	45.1226	0.95	1	1	6.281707
SU4_serv	BOBJ1	16	45.1733	Before	Interior Girder 6	45.1226	0.95	1	1	6.557616
SU4_serv	BOBJ1	16	45.1733	Before	Right Exterior Girder	45.1226	0.95	1	1	6.426884
SU4_serv	BOBJ1	17	45.1733	After	Left Exterior Girder	45.1226	0.95	1	1	5.158087
SU4_serv	BOBJ1	17	45.1733	After	Interior Girder 1	45.1226	0.95	1	1	5.264732
SU4_serv	BOBJ1	17	45.1733	After	Interior Girder 2	45.1226	0.95	1	1	5.010389
SU4_serv	BOBJ1	17	45.1733	After	Interior Girder 3	45.1226	0.95	1	1	5.116249
SU4_serv	BOBJ1	17	45.1733	After	Interior Girder 4	45.1226	0.95	1	1	5.116249
SU4_serv	BOBJ1	17	45.1733	After	Interior Girder 5	45.1226	0.95	1	1	5.010389
SU4_serv	BOBJ1	17	45.1733	After	Interior Girder 6	45.1226	0.95	1	1	5.264732
SU4_serv	BOBJ1	17	45.1733	After	Right Exterior Girder	45.1226	0.95	1	1	5.158087
SU4_serv	BOBJ1	18	49.2561	Before	Left Exterior Girder	49.2561	0.95	1	1	3.959303
SU4_serv	BOBJ1	18	49.2561	Before	Right Exterior Girder	49.2561	0.95	1	1	3.959303
SU4_serv	BOBJ1	19	49.2561	After	Left Exterior Girder	49.2561	0.95	1	1	4.000155
SU4_serv	BOBJ1	19	49.2561	After	Right Exterior Girder	49.2561	0.95	1	1	4.000155
SU4_serv	BOBJ1	20	50.7967	Before	Left Exterior Girder	50.7967	0.95	1	1	8.028479
SU4_serv	BOBJ1	20	50.7967	Before	Interior Girder 1	50.7967	0.95	1	1	3.976821
SU4_serv	BOBJ1	20	50.7967	Before	Interior Girder 2	50.7967	0.95	1	1	3.761224
SU4_serv	BOBJ1	20	50.7967	Before	Interior Girder 3	50.7967	0.95	1	1	3.61699
SU4_serv	BOBJ1	20	50.7967	Before	Interior Girder 4	50.7967	0.95	1	1	3.61699
SU4_serv	BOBJ1	20	50.7967	Before	Interior Girder 5	50.7967	0.95	1	1	3.761224
SU4_serv	BOBJ1	20	50.7967	Before	Interior Girder 6	50.7967	0.95	1	1	3.976821
SU4_serv	BOBJ1	20	50.7967	Before	Right Exterior Girder	50.7967	0.95	1	1	8.028479
SU4_serv	BOBJ1	21	50.7967	After	Left Exterior Girder	50.7967	0.95	1	1	7.97273
SU4_serv	BOBJ1	21	50.7967	After	Interior Girder 1	50.7967	0.95	1	1	3.974252
SU4_serv	BOBJ1	21	50.7967	After	Interior Girder 2	50.7967	0.95	1	1	3.737525
SU4_serv	BOBJ1	21	50.7967	After	Interior Girder 3	50.7967	0.95	1	1	3.603343
SU4_serv	BOBJ1	21	50.7967	After	Interior Girder 4	50.7967	0.95	1	1	3.603343
SU4_serv	BOBJ1	21	50.7967	After	Interior Girder 5	50.7967	0.95	1	1	3.737525
SU4_serv	BOBJ1	21	50.7967	After	Interior Girder 6	50.7967	0.95	1	1	3.974252
SU4_serv	BOBJ1	21	50.7967	After	Right Exterior Girder	50.7967	0.95	1	1	7.97273
SU4_serv	BOBJ1	22	51.3989	Before	Interior Girder 1	51.3989	0.95	1	1	3.828209
SU4_serv	BOBJ1	22	51.3989	Before	Interior Girder 2	51.3989	0.95	1	1	3.617369
SU4_serv	BOBJ1	22	51.3989	Before	Interior Girder 3	51.3989	0.95	1	1	3.4592
SU4_serv	BOBJ1	22	51.3989	Before	Interior Girder 4	51.3989	0.95	1	1	3.4592
SU4_serv	BOBJ1	22	51.3989	Before	Interior Girder 5	51.3989	0.95	1	1	3.617369
SU4_serv	BOBJ1	22	51.3989	Before	Interior Girder 6	51.3989	0.95	1	1	3.828209
SU4_serv	BOBJ1	23	51.3989	After	Interior Girder 1	51.3989	0.95	1	1	5.649163
SU4_serv	BOBJ1	23	51.3989	After	Interior Girder 2	51.3989	0.95	1	1	5.302823
SU4_serv	BOBJ1	23	51.3989	After	Interior Girder 3	51.3989	0.95	1	1	5.114847
SU4_serv	BOBJ1	23	51.3989	After	Interior Girder 4	51.3989	0.95	1	1	5.114847
SU4_serv	BOBJ1	23	51.3989	After	Interior Girder 5	51.3989	0.95	1	1	5.302823
SU4_serv	BOBJ1	23	51.3989	After	Interior Girder 6	51.3989	0.95	1	1	5.649163
SU4_serv	BOBJ1	24	56.42	Before	Left Exterior Girder	56.42	0.95	1	1	6.075662
SU4_serv	BOBJ1	24	56.42	Before	Interior Girder 1	56.42	0.95	1	1	4.311517
SU4_serv	BOBJ1	24	56.42	Before	Interior Girder 2	56.42	0.95	1	1	3.930624
SU4_serv	BOBJ1	24	56.42	Before	Interior Girder 3	56.42	0.95	1	1	3.37537
SU4_serv	BOBJ1	24	56.42	Before	Interior Girder 4	56.42	0.95	1	1	3.37537
SU4_serv	BOBJ1	24	56.42	Before	Interior Girder 5	56.42	0.95	1	1	3.930624
SU4_serv	BOBJ1	24	56.42	Before	Interior Girder 6	56.42	0.95	1	1	4.311517
SU4_serv	BOBJ1	24	56.42	Before	Right Exterior Girder	56.42	0.95	1	1	6.075662
SU4_serv	BOBJ1	25	56.42	After	Left Exterior Girder	0	0.95	1	1	6.228701
SU4_serv	BOBJ1	25	56.42	After	Interior Girder 1	0	0.95	1	1	3.938759
SU4_serv	BOBJ1	25	56.42	After	Interior Girder 2	0	0.95	1	1	3.689361
SU4_serv	BOBJ1	25	56.42	After	Interior Girder 3	0	0.95	1	1	3.185086
SU4_serv	BOBJ1	25	56.42	After	Interior Girder 4	0	0.95	1	1	3.185086
SU4_serv	BOBJ1	25	56.42	After	Interior Girder 5	0	0.95	1	1	3.689361
SU4_serv	BOBJ1	25	56.42	After	Interior Girder 6	0	0.95	1	1	3.938759
SU4_serv	BOBJ1	25	56.42	After	Right Exterior Girder	0	0.95	1	1	6.228701
SU4_serv	BOBJ1	26	62.0367	Before	Left Exterior Girder	5.6167	0.95	1	1	10.153357
SU4_serv	BOBJ1	26	62.0367	Before	Interior Girder 1	5.6167	0.95	1	1	7.054279
SU4_serv	BOBJ1	26	62.0367	Before	Interior Girder 2	5.6167	0.95	1	1	6.507786
SU4_serv	BOBJ1	26	62.0367	Before	Interior Girder 3	5.6167	0.95	1	1	6.145761
SU4_serv	BOBJ1	26	62.0367	Before	Interior Girder 4	5.6167	0.95	1	1	6.145761
SU4_serv	BOBJ1	26	62.0367	Before	Interior Girder 5	5.6167	0.95	1	1	6.507786
SU4_serv	BOBJ1	26	62.0367	Before	Interior Girder 6	5.6167	0.95	1	1	7.054279
SU4_serv	BOBJ1	26	62.0367	Before	Right Exterior Girder	5.6167	0.95	1	1	10.153357
SU4_serv	BOBJ1	27	62.0367	After	Left Exterior Girder	5.6167	0.95	1	1	10.062755
SU4_serv	BOBJ1	27	62.0367	After	Interior Girder 1	5.6167	0.95	1	1	7.157335
SU4_serv	BOBJ1	27	62.0367	After	Interior Girder 2	5.6167	0.95	1	1	6.610104
SU4_serv	BOBJ1	27	62.0367	After	Interior Girder 3	5.6167	0.95	1	1	6.251271
SU4_serv	BOBJ1	27	62.0367	After	Interior Girder 4	5.6167	0.95	1	1	6.251271
SU4_serv	BOBJ1	27	62.0367	After	Interior Girder 5	5.6167	0.95	1	1	6.610104

TABLE: Bridge Super Rating AASHTORATE18 31 - SteelICompServ-Flx - Approach, Span 12-15										
Request	BridgeObj	BridgeCut	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	Unitless	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
SU4_serv	BOBJ1	27	62.0367	After	Interior Girder 6	5.6167	0.95	1	1	7.157335
SU4_serv	BOBJ1	27	62.0367	After	Right Exterior Girder	5.6167	0.95	1	1	10.062755
SU4_serv	BOBJ1	28	62.4203	Before	Interior Girder 1	6.0003	0.95	1	1	7.28767
SU4_serv	BOBJ1	28	62.4203	Before	Interior Girder 2	6.0003	0.95	1	1	6.722988
SU4_serv	BOBJ1	28	62.4203	Before	Interior Girder 3	6.0003	0.95	1	1	6.389446
SU4_serv	BOBJ1	28	62.4203	Before	Interior Girder 4	6.0003	0.95	1	1	6.389446
SU4_serv	BOBJ1	28	62.4203	Before	Interior Girder 5	6.0003	0.95	1	1	6.722988
SU4_serv	BOBJ1	28	62.4203	Before	Interior Girder 6	6.0003	0.95	1	1	7.28767
SU4_serv	BOBJ1	29	62.4203	After	Interior Girder 1	6.0003	0.95	1	1	4.928657
SU4_serv	BOBJ1	29	62.4203	After	Interior Girder 2	6.0003	0.95	1	1	4.59818
SU4_serv	BOBJ1	29	62.4203	After	Interior Girder 3	6.0003	0.95	1	1	4.323995
SU4_serv	BOBJ1	29	62.4203	After	Interior Girder 4	6.0003	0.95	1	1	4.323995
SU4_serv	BOBJ1	29	62.4203	After	Interior Girder 5	6.0003	0.95	1	1	4.59818
SU4_serv	BOBJ1	29	62.4203	After	Interior Girder 6	6.0003	0.95	1	1	4.928657
SU4_serv	BOBJ1	30	64.9204	Before	Left Exterior Girder	8.5004	0.95	1	1	11.371763
SU4_serv	BOBJ1	30	64.9204	Before	Right Exterior Girder	8.5004	0.95	1	1	11.371763
SU4_serv	BOBJ1	31	64.9204	After	Left Exterior Girder	8.5004	0.95	1	1	5.405049
SU4_serv	BOBJ1	31	64.9204	After	Right Exterior Girder	8.5004	0.95	1	1	5.405049
SU4_serv	BOBJ1	32	67.6533	Before	Left Exterior Girder	11.2333	0.95	1	1	6.406524
SU4_serv	BOBJ1	32	67.6533	Before	Interior Girder 1	11.2333	0.95	1	1	6.409522
SU4_serv	BOBJ1	32	67.6533	Before	Interior Girder 2	11.2333	0.95	1	1	6.012389
SU4_serv	BOBJ1	32	67.6533	Before	Interior Girder 3	11.2333	0.95	1	1	6.014675
SU4_serv	BOBJ1	32	67.6533	Before	Interior Girder 4	11.2333	0.95	1	1	6.014675
SU4_serv	BOBJ1	32	67.6533	Before	Interior Girder 5	11.2333	0.95	1	1	6.012389
SU4_serv	BOBJ1	32	67.6533	Before	Interior Girder 6	11.2333	0.95	1	1	6.409522
SU4_serv	BOBJ1	32	67.6533	Before	Right Exterior Girder	11.2333	0.95	1	1	6.406524
SU4_serv	BOBJ1	33	67.6533	After	Left Exterior Girder	11.2333	0.95	1	1	6.361142
SU4_serv	BOBJ1	33	67.6533	After	Interior Girder 1	11.2333	0.95	1	1	6.454639
SU4_serv	BOBJ1	33	67.6533	After	Interior Girder 2	11.2333	0.95	1	1	6.091733
SU4_serv	BOBJ1	33	67.6533	After	Interior Girder 3	11.2333	0.95	1	1	6.075697
SU4_serv	BOBJ1	33	67.6533	After	Interior Girder 4	11.2333	0.95	1	1	6.075697
SU4_serv	BOBJ1	33	67.6533	After	Interior Girder 5	11.2333	0.95	1	1	6.091733
SU4_serv	BOBJ1	33	67.6533	After	Interior Girder 6	11.2333	0.95	1	1	6.454639
SU4_serv	BOBJ1	33	67.6533	After	Right Exterior Girder	11.2333	0.95	1	1	6.361142
SU4_serv	BOBJ1	34	73.27	Before	Left Exterior Girder	16.85	0.95	1	1	7.286134
SU4_serv	BOBJ1	34	73.27	Before	Interior Girder 1	16.85	0.95	1	1	5.546931
SU4_serv	BOBJ1	34	73.27	Before	Interior Girder 2	16.85	0.95	1	1	5.049047
SU4_serv	BOBJ1	34	73.27	Before	Interior Girder 3	16.85	0.95	1	1	4.874933
SU4_serv	BOBJ1	34	73.27	Before	Interior Girder 4	16.85	0.95	1	1	4.874933
SU4_serv	BOBJ1	34	73.27	Before	Interior Girder 5	16.85	0.95	1	1	5.049047
SU4_serv	BOBJ1	34	73.27	Before	Interior Girder 6	16.85	0.95	1	1	5.546931
SU4_serv	BOBJ1	34	73.27	Before	Right Exterior Girder	16.85	0.95	1	1	7.286134
SU4_serv	BOBJ1	35	73.27	After	Left Exterior Girder	16.85	0.95	1	1	7.381743
SU4_serv	BOBJ1	35	73.27	After	Interior Girder 1	16.85	0.95	1	1	5.495826
SU4_serv	BOBJ1	35	73.27	After	Interior Girder 2	16.85	0.95	1	1	5.0573
SU4_serv	BOBJ1	35	73.27	After	Interior Girder 3	16.85	0.95	1	1	4.926675
SU4_serv	BOBJ1	35	73.27	After	Interior Girder 4	16.85	0.95	1	1	4.926675
SU4_serv	BOBJ1	35	73.27	After	Interior Girder 5	16.85	0.95	1	1	5.0573
SU4_serv	BOBJ1	35	73.27	After	Interior Girder 6	16.85	0.95	1	1	5.495826
SU4_serv	BOBJ1	35	73.27	After	Right Exterior Girder	16.85	0.95	1	1	7.381743
SU4_serv	BOBJ1	36	78.8867	Before	Left Exterior Girder	22.4667	0.95	1	1	5.134072
SU4_serv	BOBJ1	36	78.8867	Before	Interior Girder 1	22.4667	0.95	1	1	3.893726
SU4_serv	BOBJ1	36	78.8867	Before	Interior Girder 2	22.4667	0.95	1	1	3.659335
SU4_serv	BOBJ1	36	78.8867	Before	Interior Girder 3	22.4667	0.95	1	1	3.541023
SU4_serv	BOBJ1	36	78.8867	Before	Interior Girder 4	22.4667	0.95	1	1	3.541023
SU4_serv	BOBJ1	36	78.8867	Before	Interior Girder 5	22.4667	0.95	1	1	3.659335
SU4_serv	BOBJ1	36	78.8867	Before	Interior Girder 6	22.4667	0.95	1	1	3.893726
SU4_serv	BOBJ1	36	78.8867	Before	Right Exterior Girder	22.4667	0.95	1	1	5.134072
SU4_serv	BOBJ1	37	78.8867	After	Left Exterior Girder	22.4667	0.95	1	1	5.204232
SU4_serv	BOBJ1	37	78.8867	After	Interior Girder 1	22.4667	0.95	1	1	3.856492
SU4_serv	BOBJ1	37	78.8867	After	Interior Girder 2	22.4667	0.95	1	1	3.650239
SU4_serv	BOBJ1	37	78.8867	After	Interior Girder 3	22.4667	0.95	1	1	3.562438
SU4_serv	BOBJ1	37	78.8867	After	Interior Girder 4	22.4667	0.95	1	1	3.562438
SU4_serv	BOBJ1	37	78.8867	After	Interior Girder 5	22.4667	0.95	1	1	3.650239
SU4_serv	BOBJ1	37	78.8867	After	Interior Girder 6	22.4667	0.95	1	1	3.856492
SU4_serv	BOBJ1	37	78.8867	After	Right Exterior Girder	22.4667	0.95	1	1	5.204232
SU4_serv	BOBJ1	38	84.5033	Before	Left Exterior Girder	28.0833	0.95	1	1	4.139697
SU4_serv	BOBJ1	38	84.5033	Before	Interior Girder 1	28.0833	0.95	1	1	3.287543
SU4_serv	BOBJ1	38	84.5033	Before	Interior Girder 2	28.0833	0.95	1	1	3.130012
SU4_serv	BOBJ1	38	84.5033	Before	Interior Girder 3	28.0833	0.95	1	1	3.053178
SU4_serv	BOBJ1	38	84.5033	Before	Interior Girder 4	28.0833	0.95	1	1	3.053178
SU4_serv	BOBJ1	38	84.5033	Before	Interior Girder 5	28.0833	0.95	1	1	3.130012
SU4_serv	BOBJ1	38	84.5033	Before	Interior Girder 6	28.0833	0.95	1	1	3.287543

TABLE: Bridge Super Rating AASHTORATE18 31 - SteelICompServ-Flx - Approach, Span 12-15										
Request	BridgeObj	BridgeCut	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	Unitless	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
SU4_serv	BOBJ1	38	84.5033	Before	Right Exterior Girder	28.0833	0.95	1	1	4.139697
SU4_serv	BOBJ1	39	84.5033	After	Left Exterior Girder	28.0833	0.95	1	1	4.132704
SU4_serv	BOBJ1	39	84.5033	After	Interior Girder 1	28.0833	0.95	1	1	3.294524
SU4_serv	BOBJ1	39	84.5033	After	Interior Girder 2	28.0833	0.95	1	1	3.147063
SU4_serv	BOBJ1	39	84.5033	After	Interior Girder 3	28.0833	0.95	1	1	3.073815
SU4_serv	BOBJ1	39	84.5033	After	Interior Girder 4	28.0833	0.95	1	1	3.073815
SU4_serv	BOBJ1	39	84.5033	After	Interior Girder 5	28.0833	0.95	1	1	3.147063
SU4_serv	BOBJ1	39	84.5033	After	Interior Girder 6	28.0833	0.95	1	1	3.294524
SU4_serv	BOBJ1	39	84.5033	After	Right Exterior Girder	28.0833	0.95	1	1	4.132704
SU4_serv	BOBJ1	40	90.12	Before	Left Exterior Girder	33.7	0.95	1	1	3.711516
SU4_serv	BOBJ1	40	90.12	Before	Interior Girder 1	33.7	0.95	1	1	3.264508
SU4_serv	BOBJ1	40	90.12	Before	Interior Girder 2	33.7	0.95	1	1	3.108594
SU4_serv	BOBJ1	40	90.12	Before	Interior Girder 3	33.7	0.95	1	1	3.060679
SU4_serv	BOBJ1	40	90.12	Before	Interior Girder 4	33.7	0.95	1	1	3.060679
SU4_serv	BOBJ1	40	90.12	Before	Interior Girder 5	33.7	0.95	1	1	3.108594
SU4_serv	BOBJ1	40	90.12	Before	Interior Girder 6	33.7	0.95	1	1	3.264508
SU4_serv	BOBJ1	40	90.12	Before	Right Exterior Girder	33.7	0.95	1	1	3.711516
SU4_serv	BOBJ1	41	90.12	After	Left Exterior Girder	33.7	0.95	1	1	3.723217
SU4_serv	BOBJ1	41	90.12	After	Interior Girder 1	33.7	0.95	1	1	3.256583
SU4_serv	BOBJ1	41	90.12	After	Interior Girder 2	33.7	0.95	1	1	3.102785
SU4_serv	BOBJ1	41	90.12	After	Interior Girder 3	33.7	0.95	1	1	3.054087
SU4_serv	BOBJ1	41	90.12	After	Interior Girder 4	33.7	0.95	1	1	3.054087
SU4_serv	BOBJ1	41	90.12	After	Interior Girder 5	33.7	0.95	1	1	3.102785
SU4_serv	BOBJ1	41	90.12	After	Interior Girder 6	33.7	0.95	1	1	3.256583
SU4_serv	BOBJ1	41	90.12	After	Right Exterior Girder	33.7	0.95	1	1	3.723217
SU4_serv	BOBJ1	42	95.7367	Before	Left Exterior Girder	39.3167	0.95	1	1	4.098791
SU4_serv	BOBJ1	42	95.7367	Before	Interior Girder 1	39.3167	0.95	1	1	3.273063
SU4_serv	BOBJ1	42	95.7367	Before	Interior Girder 2	39.3167	0.95	1	1	3.127364
SU4_serv	BOBJ1	42	95.7367	Before	Interior Girder 3	39.3167	0.95	1	1	3.05759
SU4_serv	BOBJ1	42	95.7367	Before	Interior Girder 4	39.3167	0.95	1	1	3.05759
SU4_serv	BOBJ1	42	95.7367	Before	Interior Girder 5	39.3167	0.95	1	1	3.127364
SU4_serv	BOBJ1	42	95.7367	Before	Interior Girder 6	39.3167	0.95	1	1	3.273063
SU4_serv	BOBJ1	42	95.7367	Before	Right Exterior Girder	39.3167	0.95	1	1	4.098791
SU4_serv	BOBJ1	43	95.7367	After	Left Exterior Girder	39.3167	0.95	1	1	4.107205
SU4_serv	BOBJ1	43	95.7367	After	Interior Girder 1	39.3167	0.95	1	1	3.264979
SU4_serv	BOBJ1	43	95.7367	After	Interior Girder 2	39.3167	0.95	1	1	3.110891
SU4_serv	BOBJ1	43	95.7367	After	Interior Girder 3	39.3167	0.95	1	1	3.037748
SU4_serv	BOBJ1	43	95.7367	After	Interior Girder 4	39.3167	0.95	1	1	3.037748
SU4_serv	BOBJ1	43	95.7367	After	Interior Girder 5	39.3167	0.95	1	1	3.110891
SU4_serv	BOBJ1	43	95.7367	After	Interior Girder 6	39.3167	0.95	1	1	3.264979
SU4_serv	BOBJ1	43	95.7367	After	Right Exterior Girder	39.3167	0.95	1	1	4.107205
SU4_serv	BOBJ1	44	101.3533	Before	Left Exterior Girder	44.9333	0.95	1	1	5.087656
SU4_serv	BOBJ1	44	101.3533	Before	Interior Girder 1	44.9333	0.95	1	1	3.813161
SU4_serv	BOBJ1	44	101.3533	Before	Interior Girder 2	44.9333	0.95	1	1	3.609169
SU4_serv	BOBJ1	44	101.3533	Before	Interior Girder 3	44.9333	0.95	1	1	3.532283
SU4_serv	BOBJ1	44	101.3533	Before	Interior Girder 4	44.9333	0.95	1	1	3.532283
SU4_serv	BOBJ1	44	101.3533	Before	Interior Girder 5	44.9333	0.95	1	1	3.609169
SU4_serv	BOBJ1	44	101.3533	Before	Interior Girder 6	44.9333	0.95	1	1	3.813161
SU4_serv	BOBJ1	44	101.3533	Before	Right Exterior Girder	44.9333	0.95	1	1	5.087656
SU4_serv	BOBJ1	45	101.3533	After	Left Exterior Girder	44.9333	0.95	1	1	5.01945
SU4_serv	BOBJ1	45	101.3533	After	Interior Girder 1	44.9333	0.95	1	1	3.84859
SU4_serv	BOBJ1	45	101.3533	After	Interior Girder 2	44.9333	0.95	1	1	3.619607
SU4_serv	BOBJ1	45	101.3533	After	Interior Girder 3	44.9333	0.95	1	1	3.512729
SU4_serv	BOBJ1	45	101.3533	After	Interior Girder 4	44.9333	0.95	1	1	3.512729
SU4_serv	BOBJ1	45	101.3533	After	Interior Girder 5	44.9333	0.95	1	1	3.619607
SU4_serv	BOBJ1	45	101.3533	After	Interior Girder 6	44.9333	0.95	1	1	3.84859
SU4_serv	BOBJ1	45	101.3533	After	Right Exterior Girder	44.9333	0.95	1	1	5.01945
SU4_serv	BOBJ1	46	106.97	Before	Left Exterior Girder	50.55	0.95	1	1	7.074261
SU4_serv	BOBJ1	46	106.97	Before	Interior Girder 1	50.55	0.95	1	1	5.395702
SU4_serv	BOBJ1	46	106.97	Before	Interior Girder 2	50.55	0.95	1	1	4.964402
SU4_serv	BOBJ1	46	106.97	Before	Interior Girder 3	50.55	0.95	1	1	4.856885
SU4_serv	BOBJ1	46	106.97	Before	Interior Girder 4	50.55	0.95	1	1	4.856885
SU4_serv	BOBJ1	46	106.97	Before	Interior Girder 5	50.55	0.95	1	1	4.964402
SU4_serv	BOBJ1	46	106.97	Before	Interior Girder 6	50.55	0.95	1	1	5.395702
SU4_serv	BOBJ1	46	106.97	Before	Right Exterior Girder	50.55	0.95	1	1	7.074261
SU4_serv	BOBJ1	47	106.97	After	Left Exterior Girder	50.55	0.95	1	1	7.039923
SU4_serv	BOBJ1	47	106.97	After	Interior Girder 1	50.55	0.95	1	1	5.408302
SU4_serv	BOBJ1	47	106.97	After	Interior Girder 2	50.55	0.95	1	1	4.938445
SU4_serv	BOBJ1	47	106.97	After	Interior Girder 3	50.55	0.95	1	1	4.786555
SU4_serv	BOBJ1	47	106.97	After	Interior Girder 4	50.55	0.95	1	1	4.786555
SU4_serv	BOBJ1	47	106.97	After	Interior Girder 5	50.55	0.95	1	1	4.938445
SU4_serv	BOBJ1	47	106.97	After	Interior Girder 6	50.55	0.95	1	1	5.408302
SU4_serv	BOBJ1	47	106.97	After	Right Exterior Girder	50.55	0.95	1	1	7.039923

TABLE: Bridge Super Rating AASHTORATE18 31 - SteelICompServ-Flx - Approach, Span 12-15										
Request	BridgeObj	BridgeCut	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	Unitless	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
SU4_serv	BOBJ1	48	112.5933	Before	Left Exterior Girder	56.1733	0.95	1	1	5.31831
SU4_serv	BOBJ1	48	112.5933	Before	Interior Girder 1	56.1733	0.95	1	1	5.499394
SU4_serv	BOBJ1	48	112.5933	Before	Interior Girder 2	56.1733	0.95	1	1	5.23204
SU4_serv	BOBJ1	48	112.5933	Before	Interior Girder 3	56.1733	0.95	1	1	5.297264
SU4_serv	BOBJ1	48	112.5933	Before	Interior Girder 4	56.1733	0.95	1	1	5.297264
SU4_serv	BOBJ1	48	112.5933	Before	Interior Girder 5	56.1733	0.95	1	1	5.23204
SU4_serv	BOBJ1	48	112.5933	Before	Interior Girder 6	56.1733	0.95	1	1	5.499394
SU4_serv	BOBJ1	48	112.5933	Before	Right Exterior Girder	56.1733	0.95	1	1	5.31831
SU4_serv	BOBJ1	49	112.5933	After	Left Exterior Girder	56.1733	0.95	1	1	5.348625
SU4_serv	BOBJ1	49	112.5933	After	Interior Girder 1	56.1733	0.95	1	1	5.472453
SU4_serv	BOBJ1	49	112.5933	After	Interior Girder 2	56.1733	0.95	1	1	5.182389
SU4_serv	BOBJ1	49	112.5933	After	Interior Girder 3	56.1733	0.95	1	1	5.259159
SU4_serv	BOBJ1	49	112.5933	After	Interior Girder 4	56.1733	0.95	1	1	5.259159
SU4_serv	BOBJ1	49	112.5933	After	Interior Girder 5	56.1733	0.95	1	1	5.182389
SU4_serv	BOBJ1	49	112.5933	After	Interior Girder 6	56.1733	0.95	1	1	5.472453
SU4_serv	BOBJ1	49	112.5933	After	Right Exterior Girder	56.1733	0.95	1	1	5.348625
SU4_serv	BOBJ1	50	115.3396	Before	Left Exterior Girder	58.9196	0.95	1	1	4.49196
SU4_serv	BOBJ1	50	115.3396	Before	Right Exterior Girder	58.9196	0.95	1	1	4.49196
SU4_serv	BOBJ1	51	115.3396	After	Left Exterior Girder	58.9196	0.95	1	1	9.500055
SU4_serv	BOBJ1	51	115.3396	After	Right Exterior Girder	58.9196	0.95	1	1	9.500055
SU4_serv	BOBJ1	52	118.2167	Before	Left Exterior Girder	61.7967	0.95	1	1	8.41842
SU4_serv	BOBJ1	52	118.2167	Before	Interior Girder 1	61.9198	0.95	1	1	4.07732
SU4_serv	BOBJ1	52	118.2167	Before	Interior Girder 2	61.9198	0.95	1	1	3.86859
SU4_serv	BOBJ1	52	118.2167	Before	Interior Girder 3	61.9198	0.95	1	1	3.692401
SU4_serv	BOBJ1	52	118.2167	Before	Interior Girder 4	61.9198	0.95	1	1	3.692401
SU4_serv	BOBJ1	52	118.2167	Before	Interior Girder 5	61.9198	0.95	1	1	3.86859
SU4_serv	BOBJ1	52	118.2167	Before	Interior Girder 6	61.9198	0.95	1	1	4.07732
SU4_serv	BOBJ1	52	118.2167	Before	Right Exterior Girder	61.7967	0.95	1	1	8.41842
SU4_serv	BOBJ1	53	118.2167	After	Left Exterior Girder	61.7967	0.95	1	1	8.409971
SU4_serv	BOBJ1	53	118.2167	After	Interior Girder 1	61.9198	0.95	1	1	6.071924
SU4_serv	BOBJ1	53	118.2167	After	Interior Girder 2	61.9198	0.95	1	1	5.637813
SU4_serv	BOBJ1	53	118.2167	After	Interior Girder 3	61.9198	0.95	1	1	5.429703
SU4_serv	BOBJ1	53	118.2167	After	Interior Girder 4	61.9198	0.95	1	1	5.429703
SU4_serv	BOBJ1	53	118.2167	After	Interior Girder 5	61.9198	0.95	1	1	5.637813
SU4_serv	BOBJ1	53	118.2167	After	Interior Girder 6	61.9198	0.95	1	1	6.071924
SU4_serv	BOBJ1	53	118.2167	After	Right Exterior Girder	61.7967	0.95	1	1	8.409971
SU4_serv	BOBJ1	54	123.84	Before	Left Exterior Girder	67.42	0.95	1	1	6.285036
SU4_serv	BOBJ1	54	123.84	Before	Interior Girder 1	67.42	0.95	1	1	4.135744
SU4_serv	BOBJ1	54	123.84	Before	Interior Girder 2	67.42	0.95	1	1	3.775654
SU4_serv	BOBJ1	54	123.84	Before	Interior Girder 3	67.42	0.95	1	1	3.205941
SU4_serv	BOBJ1	54	123.84	Before	Interior Girder 4	67.42	0.95	1	1	3.205941
SU4_serv	BOBJ1	54	123.84	Before	Interior Girder 5	67.42	0.95	1	1	3.775654
SU4_serv	BOBJ1	54	123.84	Before	Interior Girder 6	67.42	0.95	1	1	4.135744
SU4_serv	BOBJ1	54	123.84	Before	Right Exterior Girder	67.42	0.95	1	1	6.285036
SU4_serv	BOBJ1	55	123.84	After	Left Exterior Girder	0	0.95	1	1	6.226687
SU4_serv	BOBJ1	55	123.84	After	Interior Girder 1	0	0.95	1	1	4.087479
SU4_serv	BOBJ1	55	123.84	After	Interior Girder 2	0	0.95	1	1	3.764525
SU4_serv	BOBJ1	55	123.84	After	Interior Girder 3	0	0.95	1	1	3.197593
SU4_serv	BOBJ1	55	123.84	After	Interior Girder 4	0	0.95	1	1	3.197593
SU4_serv	BOBJ1	55	123.84	After	Interior Girder 5	0	0.95	1	1	3.764525
SU4_serv	BOBJ1	55	123.84	After	Interior Girder 6	0	0.95	1	1	4.087479
SU4_serv	BOBJ1	55	123.84	After	Right Exterior Girder	0	0.95	1	1	6.226687
SU4_serv	BOBJ1	56	129.34	Before	Interior Girder 1	5.5	0.95	1	1	6.143959
SU4_serv	BOBJ1	56	129.34	Before	Interior Girder 2	5.5	0.95	1	1	5.735151
SU4_serv	BOBJ1	56	129.34	Before	Interior Girder 3	5.5	0.95	1	1	5.516771
SU4_serv	BOBJ1	56	129.34	Before	Interior Girder 4	5.5	0.95	1	1	5.516771
SU4_serv	BOBJ1	56	129.34	Before	Interior Girder 5	5.5	0.95	1	1	5.735151
SU4_serv	BOBJ1	56	129.34	Before	Interior Girder 6	5.5	0.95	1	1	6.143959
SU4_serv	BOBJ1	57	129.34	After	Interior Girder 1	5.5	0.95	1	1	4.177072
SU4_serv	BOBJ1	57	129.34	After	Interior Girder 2	5.5	0.95	1	1	3.922181
SU4_serv	BOBJ1	57	129.34	After	Interior Girder 3	5.5	0.95	1	1	3.742854
SU4_serv	BOBJ1	57	129.34	After	Interior Girder 4	5.5	0.95	1	1	3.742854
SU4_serv	BOBJ1	57	129.34	After	Interior Girder 5	5.5	0.95	1	1	3.922181
SU4_serv	BOBJ1	57	129.34	After	Interior Girder 6	5.5	0.95	1	1	4.177072
SU4_serv	BOBJ1	58	130.79	Before	Left Exterior Girder	6.95	0.95	1	1	8.9708
SU4_serv	BOBJ1	58	130.79	Before	Interior Girder 1	6.95	0.95	1	1	4.550063
SU4_serv	BOBJ1	58	130.79	Before	Interior Girder 2	6.95	0.95	1	1	4.240273
SU4_serv	BOBJ1	58	130.79	Before	Interior Girder 3	6.95	0.95	1	1	4.133308
SU4_serv	BOBJ1	58	130.79	Before	Interior Girder 4	6.95	0.95	1	1	4.133308
SU4_serv	BOBJ1	58	130.79	Before	Interior Girder 5	6.95	0.95	1	1	4.240273
SU4_serv	BOBJ1	58	130.79	Before	Interior Girder 6	6.95	0.95	1	1	4.550063
SU4_serv	BOBJ1	58	130.79	Before	Right Exterior Girder	6.95	0.95	1	1	8.9708
SU4_serv	BOBJ1	59	130.79	After	Left Exterior Girder	6.95	0.95	1	1	9.048045

TABLE: Bridge Super Rating AASHTORATE18 31 - SteelICompServ-Flx - Approach, Span 12-15										
Request	BridgeObj	BridgeCut	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	Unitless	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
SU4_serv	BOBJ1	59	130.79	After	Interior Girder 1	6.95	0.95	1	1	4.527225
SU4_serv	BOBJ1	59	130.79	After	Interior Girder 2	6.95	0.95	1	1	4.274765
SU4_serv	BOBJ1	59	130.79	After	Interior Girder 3	6.95	0.95	1	1	4.160726
SU4_serv	BOBJ1	59	130.79	After	Interior Girder 4	6.95	0.95	1	1	4.160726
SU4_serv	BOBJ1	59	130.79	After	Interior Girder 5	6.95	0.95	1	1	4.274765
SU4_serv	BOBJ1	59	130.79	After	Interior Girder 6	6.95	0.95	1	1	4.527225
SU4_serv	BOBJ1	59	130.79	After	Right Exterior Girder	6.95	0.95	1	1	9.048045
SU4_serv	BOBJ1	60	132.34	Before	Left Exterior Girder	8.5	0.95	1	1	9.701294
SU4_serv	BOBJ1	60	132.34	Before	Right Exterior Girder	8.5	0.95	1	1	9.701294
SU4_serv	BOBJ1	61	132.34	After	Left Exterior Girder	8.5	0.95	1	1	4.537526
SU4_serv	BOBJ1	61	132.34	After	Right Exterior Girder	8.5	0.95	1	1	4.537526
SU4_serv	BOBJ1	62	137.74	Before	Left Exterior Girder	13.9	0.95	1	1	6.251171
SU4_serv	BOBJ1	62	137.74	Before	Interior Girder 1	13.9	0.95	1	1	6.321311
SU4_serv	BOBJ1	62	137.74	Before	Interior Girder 2	13.9	0.95	1	1	6.079602
SU4_serv	BOBJ1	62	137.74	Before	Interior Girder 3	13.9	0.95	1	1	5.908609
SU4_serv	BOBJ1	62	137.74	Before	Interior Girder 4	13.9	0.95	1	1	5.908609
SU4_serv	BOBJ1	62	137.74	Before	Interior Girder 5	13.9	0.95	1	1	6.079602
SU4_serv	BOBJ1	62	137.74	Before	Interior Girder 6	13.9	0.95	1	1	6.321311
SU4_serv	BOBJ1	62	137.74	Before	Right Exterior Girder	13.9	0.95	1	1	6.251171
SU4_serv	BOBJ1	63	137.74	After	Left Exterior Girder	13.9	0.95	1	1	6.20795
SU4_serv	BOBJ1	63	137.74	After	Interior Girder 1	13.9	0.95	1	1	6.354582
SU4_serv	BOBJ1	63	137.74	After	Interior Girder 2	13.9	0.95	1	1	6.126787
SU4_serv	BOBJ1	63	137.74	After	Interior Girder 3	13.9	0.95	1	1	6.016154
SU4_serv	BOBJ1	63	137.74	After	Interior Girder 4	13.9	0.95	1	1	6.016154
SU4_serv	BOBJ1	63	137.74	After	Interior Girder 5	13.9	0.95	1	1	6.126787
SU4_serv	BOBJ1	63	137.74	After	Interior Girder 6	13.9	0.95	1	1	6.354582
SU4_serv	BOBJ1	63	137.74	After	Right Exterior Girder	13.9	0.95	1	1	6.20795
SU4_serv	BOBJ1	64	143.7733	Before	Left Exterior Girder	19.9333	0.95	1	1	5.910497
SU4_serv	BOBJ1	64	143.7733	Before	Interior Girder 1	19.9333	0.95	1	1	4.249289
SU4_serv	BOBJ1	64	143.7733	Before	Interior Girder 2	19.9333	0.95	1	1	3.980102
SU4_serv	BOBJ1	64	143.7733	Before	Interior Girder 3	19.9333	0.95	1	1	3.83568
SU4_serv	BOBJ1	64	143.7733	Before	Interior Girder 4	19.9333	0.95	1	1	3.83568
SU4_serv	BOBJ1	64	143.7733	Before	Interior Girder 5	19.9333	0.95	1	1	3.980102
SU4_serv	BOBJ1	64	143.7733	Before	Interior Girder 6	19.9333	0.95	1	1	4.249289
SU4_serv	BOBJ1	64	143.7733	Before	Right Exterior Girder	19.9333	0.95	1	1	5.910497
SU4_serv	BOBJ1	65	143.7733	After	Left Exterior Girder	19.9333	0.95	1	1	5.996266
SU4_serv	BOBJ1	65	143.7733	After	Interior Girder 1	19.9333	0.95	1	1	4.203216
SU4_serv	BOBJ1	65	143.7733	After	Interior Girder 2	19.9333	0.95	1	1	3.978018
SU4_serv	BOBJ1	65	143.7733	After	Interior Girder 3	19.9333	0.95	1	1	3.883848
SU4_serv	BOBJ1	65	143.7733	After	Interior Girder 4	19.9333	0.95	1	1	3.883848
SU4_serv	BOBJ1	65	143.7733	After	Interior Girder 5	19.9333	0.95	1	1	3.978018
SU4_serv	BOBJ1	65	143.7733	After	Interior Girder 6	19.9333	0.95	1	1	4.203216
SU4_serv	BOBJ1	65	143.7733	After	Right Exterior Girder	19.9333	0.95	1	1	5.996266
SU4_serv	BOBJ1	66	149.8067	Before	Left Exterior Girder	25.9667	0.95	1	1	4.356476
SU4_serv	BOBJ1	66	149.8067	Before	Interior Girder 1	25.9667	0.95	1	1	3.373729
SU4_serv	BOBJ1	66	149.8067	Before	Interior Girder 2	25.9667	0.95	1	1	3.203382
SU4_serv	BOBJ1	66	149.8067	Before	Interior Girder 3	25.9667	0.95	1	1	3.122769
SU4_serv	BOBJ1	66	149.8067	Before	Interior Girder 4	25.9667	0.95	1	1	3.122769
SU4_serv	BOBJ1	66	149.8067	Before	Interior Girder 5	25.9667	0.95	1	1	3.203382
SU4_serv	BOBJ1	66	149.8067	Before	Interior Girder 6	25.9667	0.95	1	1	3.373729
SU4_serv	BOBJ1	66	149.8067	Before	Right Exterior Girder	25.9667	0.95	1	1	4.356476
SU4_serv	BOBJ1	67	149.8067	After	Left Exterior Girder	25.9667	0.95	1	1	4.354262
SU4_serv	BOBJ1	67	149.8067	After	Interior Girder 1	25.9667	0.95	1	1	3.37642
SU4_serv	BOBJ1	67	149.8067	After	Interior Girder 2	25.9667	0.95	1	1	3.224385
SU4_serv	BOBJ1	67	149.8067	After	Interior Girder 3	25.9667	0.95	1	1	3.152993
SU4_serv	BOBJ1	67	149.8067	After	Interior Girder 4	25.9667	0.95	1	1	3.152993
SU4_serv	BOBJ1	67	149.8067	After	Interior Girder 5	25.9667	0.95	1	1	3.224385
SU4_serv	BOBJ1	67	149.8067	After	Interior Girder 6	25.9667	0.95	1	1	3.37642
SU4_serv	BOBJ1	67	149.8067	After	Right Exterior Girder	25.9667	0.95	1	1	4.354262
SU4_serv	BOBJ1	68	155.84	Before	Left Exterior Girder	32	0.95	1	1	3.678034
SU4_serv	BOBJ1	68	155.84	Before	Interior Girder 1	32	0.95	1	1	3.233663
SU4_serv	BOBJ1	68	155.84	Before	Interior Girder 2	32	0.95	1	1	3.074006
SU4_serv	BOBJ1	68	155.84	Before	Interior Girder 3	32	0.95	1	1	3.029527
SU4_serv	BOBJ1	68	155.84	Before	Interior Girder 4	32	0.95	1	1	3.029527
SU4_serv	BOBJ1	68	155.84	Before	Interior Girder 5	32	0.95	1	1	3.074006
SU4_serv	BOBJ1	68	155.84	Before	Interior Girder 6	32	0.95	1	1	3.233663
SU4_serv	BOBJ1	68	155.84	Before	Right Exterior Girder	32	0.95	1	1	3.678034
SU4_serv	BOBJ1	69	155.84	After	Left Exterior Girder	32	0.95	1	1	3.694829
SU4_serv	BOBJ1	69	155.84	After	Interior Girder 1	32	0.95	1	1	3.222468
SU4_serv	BOBJ1	69	155.84	After	Interior Girder 2	32	0.95	1	1	3.069643
SU4_serv	BOBJ1	69	155.84	After	Interior Girder 3	32	0.95	1	1	3.025425
SU4_serv	BOBJ1	69	155.84	After	Interior Girder 4	32	0.95	1	1	3.025425
SU4_serv	BOBJ1	69	155.84	After	Interior Girder 5	32	0.95	1	1	3.069643

TABLE: Bridge Super Rating AASHTORATE18 31 - SteelICompServ-Flx - Approach, Span 12-15										
Request	BridgeObj	BridgeCut	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	Unitless	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
SU4_serv	BOBJ1	69	155.84	After	Interior Girder 6	32	0.95	1	1	3.222468
SU4_serv	BOBJ1	69	155.84	After	Right Exterior Girder	32	0.95	1	1	3.694829
SU4_serv	BOBJ1	70	161.8733	Before	Left Exterior Girder	38.0333	0.95	1	1	3.973674
SU4_serv	BOBJ1	70	161.8733	Before	Interior Girder 1	38.0333	0.95	1	1	3.159329
SU4_serv	BOBJ1	70	161.8733	Before	Interior Girder 2	38.0333	0.95	1	1	3.016779
SU4_serv	BOBJ1	70	161.8733	Before	Interior Girder 3	38.0333	0.95	1	1	2.950614
SU4_serv	BOBJ1	70	161.8733	Before	Interior Girder 4	38.0333	0.95	1	1	2.950614
SU4_serv	BOBJ1	70	161.8733	Before	Interior Girder 5	38.0333	0.95	1	1	3.016779
SU4_serv	BOBJ1	70	161.8733	Before	Interior Girder 6	38.0333	0.95	1	1	3.159329
SU4_serv	BOBJ1	70	161.8733	Before	Right Exterior Girder	38.0333	0.95	1	1	3.973674
SU4_serv	BOBJ1	71	161.8733	After	Left Exterior Girder	38.0333	0.95	1	1	3.988657
SU4_serv	BOBJ1	71	161.8733	After	Interior Girder 1	38.0333	0.95	1	1	3.147623
SU4_serv	BOBJ1	71	161.8733	After	Interior Girder 2	38.0333	0.95	1	1	2.999606
SU4_serv	BOBJ1	71	161.8733	After	Interior Girder 3	38.0333	0.95	1	1	2.928811
SU4_serv	BOBJ1	71	161.8733	After	Interior Girder 4	38.0333	0.95	1	1	2.928811
SU4_serv	BOBJ1	71	161.8733	After	Interior Girder 5	38.0333	0.95	1	1	2.999606
SU4_serv	BOBJ1	71	161.8733	After	Interior Girder 6	38.0333	0.95	1	1	3.147623
SU4_serv	BOBJ1	71	161.8733	After	Right Exterior Girder	38.0333	0.95	1	1	3.988657
SU4_serv	BOBJ1	72	167.9067	Before	Left Exterior Girder	44.0667	0.95	1	1	4.881601
SU4_serv	BOBJ1	72	167.9067	Before	Interior Girder 1	44.0667	0.95	1	1	3.637125
SU4_serv	BOBJ1	72	167.9067	Before	Interior Girder 2	44.0667	0.95	1	1	3.439213
SU4_serv	BOBJ1	72	167.9067	Before	Interior Girder 3	44.0667	0.95	1	1	3.362898
SU4_serv	BOBJ1	72	167.9067	Before	Interior Girder 4	44.0667	0.95	1	1	3.362898
SU4_serv	BOBJ1	72	167.9067	Before	Interior Girder 5	44.0667	0.95	1	1	3.439213
SU4_serv	BOBJ1	72	167.9067	Before	Interior Girder 6	44.0667	0.95	1	1	3.637125
SU4_serv	BOBJ1	72	167.9067	Before	Right Exterior Girder	44.0667	0.95	1	1	4.881601
SU4_serv	BOBJ1	73	167.9067	After	Left Exterior Girder	44.0667	0.95	1	1	4.807627
SU4_serv	BOBJ1	73	167.9067	After	Interior Girder 1	44.0667	0.95	1	1	3.671472
SU4_serv	BOBJ1	73	167.9067	After	Interior Girder 2	44.0667	0.95	1	1	3.450258
SU4_serv	BOBJ1	73	167.9067	After	Interior Girder 3	44.0667	0.95	1	1	3.343961
SU4_serv	BOBJ1	73	167.9067	After	Interior Girder 4	44.0667	0.95	1	1	3.343961
SU4_serv	BOBJ1	73	167.9067	After	Interior Girder 5	44.0667	0.95	1	1	3.450258
SU4_serv	BOBJ1	73	167.9067	After	Interior Girder 6	44.0667	0.95	1	1	3.671472
SU4_serv	BOBJ1	73	167.9067	After	Right Exterior Girder	44.0667	0.95	1	1	4.807627
SU4_serv	BOBJ1	74	173.94	Before	Left Exterior Girder	50.1	0.95	1	1	6.789264
SU4_serv	BOBJ1	74	173.94	Before	Interior Girder 1	50.1	0.95	1	1	5.183913
SU4_serv	BOBJ1	74	173.94	Before	Interior Girder 2	50.1	0.95	1	1	4.749978
SU4_serv	BOBJ1	74	173.94	Before	Interior Girder 3	50.1	0.95	1	1	4.63772
SU4_serv	BOBJ1	74	173.94	Before	Interior Girder 4	50.1	0.95	1	1	4.63772
SU4_serv	BOBJ1	74	173.94	Before	Interior Girder 5	50.1	0.95	1	1	4.749978
SU4_serv	BOBJ1	74	173.94	Before	Interior Girder 6	50.1	0.95	1	1	5.183913
SU4_serv	BOBJ1	74	173.94	Before	Right Exterior Girder	50.1	0.95	1	1	6.789264
SU4_serv	BOBJ1	75	173.94	After	Left Exterior Girder	50.1	0.95	1	1	6.74754
SU4_serv	BOBJ1	75	173.94	After	Interior Girder 1	50.1	0.95	1	1	5.196961
SU4_serv	BOBJ1	75	173.94	After	Interior Girder 2	50.1	0.95	1	1	4.725433
SU4_serv	BOBJ1	75	173.94	After	Interior Girder 3	50.1	0.95	1	1	4.571195
SU4_serv	BOBJ1	75	173.94	After	Interior Girder 4	50.1	0.95	1	1	4.571195
SU4_serv	BOBJ1	75	173.94	After	Interior Girder 5	50.1	0.95	1	1	4.725433
SU4_serv	BOBJ1	75	173.94	After	Interior Girder 6	50.1	0.95	1	1	5.196961
SU4_serv	BOBJ1	75	173.94	After	Right Exterior Girder	50.1	0.95	1	1	6.74754
SU4_serv	BOBJ1	76	179.98	Before	Left Exterior Girder	56.14	0.95	1	1	7.041962
SU4_serv	BOBJ1	76	179.98	Before	Interior Girder 1	56.14	0.95	1	1	7.081344
SU4_serv	BOBJ1	76	179.98	Before	Interior Girder 2	56.14	0.95	1	1	6.672865
SU4_serv	BOBJ1	76	179.98	Before	Interior Girder 3	56.14	0.95	1	1	6.645218
SU4_serv	BOBJ1	76	179.98	Before	Interior Girder 4	56.14	0.95	1	1	6.645218
SU4_serv	BOBJ1	76	179.98	Before	Interior Girder 5	56.14	0.95	1	1	6.672865
SU4_serv	BOBJ1	76	179.98	Before	Interior Girder 6	56.14	0.95	1	1	7.081344
SU4_serv	BOBJ1	76	179.98	Before	Right Exterior Girder	56.14	0.95	1	1	7.041962
SU4_serv	BOBJ1	77	179.98	After	Left Exterior Girder	56.14	0.95	1	1	7.094421
SU4_serv	BOBJ1	77	179.98	After	Interior Girder 1	56.14	0.95	1	1	7.03436
SU4_serv	BOBJ1	77	179.98	After	Interior Girder 2	56.14	0.95	1	1	6.570573
SU4_serv	BOBJ1	77	179.98	After	Interior Girder 3	56.14	0.95	1	1	6.560524
SU4_serv	BOBJ1	77	179.98	After	Interior Girder 4	56.14	0.95	1	1	6.560524
SU4_serv	BOBJ1	77	179.98	After	Interior Girder 5	56.14	0.95	1	1	6.570573
SU4_serv	BOBJ1	77	179.98	After	Interior Girder 6	56.14	0.95	1	1	7.03436
SU4_serv	BOBJ1	77	179.98	After	Right Exterior Girder	56.14	0.95	1	1	7.094421
SU4_serv	BOBJ1	78	183.56	Before	Left Exterior Girder	59.72	0.95	1	1	5.703802
SU4_serv	BOBJ1	78	183.56	Before	Right Exterior Girder	59.72	0.95	1	1	5.703802
SU4_serv	BOBJ1	79	183.56	After	Left Exterior Girder	59.72	0.95	1	1	12.938583
SU4_serv	BOBJ1	79	183.56	After	Right Exterior Girder	59.72	0.95	1	1	12.938583
SU4_serv	BOBJ1	80	186.02	Before	Left Exterior Girder	62.18	0.95	1	1	11.698491
SU4_serv	BOBJ1	80	186.02	Before	Interior Girder 1	62.22	0.95	1	1	5.125459
SU4_serv	BOBJ1	80	186.02	Before	Interior Girder 2	62.22	0.95	1	1	4.816804

TABLE: Bridge Super Rating AASHTORATE18 31 - SteelICompServ-Flx - Approach, Span 12-15										
Request	BridgeObj	BridgeCut	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	Unitless	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
SU4_serv	BOBJ1	80	186.02	Before	Interior Girder 3	62.22	0.95	1	1	4.48482
SU4_serv	BOBJ1	80	186.02	Before	Interior Girder 4	62.22	0.95	1	1	4.48482
SU4_serv	BOBJ1	80	186.02	Before	Interior Girder 5	62.22	0.95	1	1	4.816804
SU4_serv	BOBJ1	80	186.02	Before	Interior Girder 6	62.22	0.95	1	1	5.125459
SU4_serv	BOBJ1	80	186.02	Before	Right Exterior Girder	62.18	0.95	1	1	11.698491
SU4_serv	BOBJ1	81	186.02	After	Left Exterior Girder	62.18	0.95	1	1	11.743849
SU4_serv	BOBJ1	81	186.02	After	Interior Girder 1	62.22	0.95	1	1	8.047373
SU4_serv	BOBJ1	81	186.02	After	Interior Girder 2	62.22	0.95	1	1	7.357177
SU4_serv	BOBJ1	81	186.02	After	Interior Girder 3	62.22	0.95	1	1	6.917853
SU4_serv	BOBJ1	81	186.02	After	Interior Girder 4	62.22	0.95	1	1	6.917853
SU4_serv	BOBJ1	81	186.02	After	Interior Girder 5	62.22	0.95	1	1	7.357177
SU4_serv	BOBJ1	81	186.02	After	Interior Girder 6	62.22	0.95	1	1	8.047373
SU4_serv	BOBJ1	81	186.02	After	Right Exterior Girder	62.18	0.95	1	1	11.743849
SU4_serv	BOBJ1	82	192.06	Before	Left Exterior Girder	68.22	0.95	1	1	6.231215
SU4_serv	BOBJ1	82	192.06	Before	Interior Girder 1	68.22	0.95	1	1	4.036637
SU4_serv	BOBJ1	82	192.06	Before	Interior Girder 2	68.22	0.95	1	1	3.77179
SU4_serv	BOBJ1	82	192.06	Before	Interior Girder 3	68.22	0.95	1	1	3.263942
SU4_serv	BOBJ1	82	192.06	Before	Interior Girder 4	68.22	0.95	1	1	3.263942
SU4_serv	BOBJ1	82	192.06	Before	Interior Girder 5	68.22	0.95	1	1	3.77179
SU4_serv	BOBJ1	82	192.06	Before	Interior Girder 6	68.22	0.95	1	1	4.036637
SU4_serv	BOBJ1	82	192.06	Before	Right Exterior Girder	68.22	0.95	1	1	6.231215
SU4_serv	BOBJ1	83	192.06	After	Left Exterior Girder	0	0.95	1	1	6.007493
SU4_serv	BOBJ1	83	192.06	After	Interior Girder 1	0	0.95	1	1	4.608064
SU4_serv	BOBJ1	83	192.06	After	Interior Girder 2	0	0.95	1	1	4.141897
SU4_serv	BOBJ1	83	192.06	After	Interior Girder 3	0	0.95	1	1	3.60689
SU4_serv	BOBJ1	83	192.06	After	Interior Girder 4	0	0.95	1	1	3.60689
SU4_serv	BOBJ1	83	192.06	After	Interior Girder 5	0	0.95	1	1	4.141897
SU4_serv	BOBJ1	83	192.06	After	Interior Girder 6	0	0.95	1	1	4.608064
SU4_serv	BOBJ1	83	192.06	After	Right Exterior Girder	0	0.95	1	1	6.007493
SU4_serv	BOBJ1	84	197.087	Before	Interior Girder 1	5.027	0.95	1	1	5.751998
SU4_serv	BOBJ1	84	197.087	Before	Interior Girder 2	5.027	0.95	1	1	5.358833
SU4_serv	BOBJ1	84	197.087	Before	Interior Girder 3	5.027	0.95	1	1	5.268754
SU4_serv	BOBJ1	84	197.087	Before	Interior Girder 4	5.027	0.95	1	1	5.268754
SU4_serv	BOBJ1	84	197.087	Before	Interior Girder 5	5.027	0.95	1	1	5.358833
SU4_serv	BOBJ1	84	197.087	Before	Interior Girder 6	5.027	0.95	1	1	5.751998
SU4_serv	BOBJ1	85	197.087	After	Interior Girder 1	5.027	0.95	1	1	3.658293
SU4_serv	BOBJ1	85	197.087	After	Interior Girder 2	5.027	0.95	1	1	3.417897
SU4_serv	BOBJ1	85	197.087	After	Interior Girder 3	5.027	0.95	1	1	3.340636
SU4_serv	BOBJ1	85	197.087	After	Interior Girder 4	5.027	0.95	1	1	3.340636
SU4_serv	BOBJ1	85	197.087	After	Interior Girder 5	5.027	0.95	1	1	3.417897
SU4_serv	BOBJ1	85	197.087	After	Interior Girder 6	5.027	0.95	1	1	3.658293
SU4_serv	BOBJ1	86	197.91	Before	Left Exterior Girder	5.85	0.95	1	1	7.978641
SU4_serv	BOBJ1	86	197.91	Before	Interior Girder 1	5.85	0.95	1	1	3.84089
SU4_serv	BOBJ1	86	197.91	Before	Interior Girder 2	5.85	0.95	1	1	3.565773
SU4_serv	BOBJ1	86	197.91	Before	Interior Girder 3	5.85	0.95	1	1	3.542186
SU4_serv	BOBJ1	86	197.91	Before	Interior Girder 4	5.85	0.95	1	1	3.542186
SU4_serv	BOBJ1	86	197.91	Before	Interior Girder 5	5.85	0.95	1	1	3.565773
SU4_serv	BOBJ1	86	197.91	Before	Interior Girder 6	5.85	0.95	1	1	3.84089
SU4_serv	BOBJ1	86	197.91	Before	Right Exterior Girder	5.85	0.95	1	1	7.978641
SU4_serv	BOBJ1	87	197.91	After	Left Exterior Girder	5.85	0.95	1	1	8.026262
SU4_serv	BOBJ1	87	197.91	After	Interior Girder 1	5.85	0.95	1	1	3.840957
SU4_serv	BOBJ1	87	197.91	After	Interior Girder 2	5.85	0.95	1	1	3.59184
SU4_serv	BOBJ1	87	197.91	After	Interior Girder 3	5.85	0.95	1	1	3.545159
SU4_serv	BOBJ1	87	197.91	After	Interior Girder 4	5.85	0.95	1	1	3.545159
SU4_serv	BOBJ1	87	197.91	After	Interior Girder 5	5.85	0.95	1	1	3.59184
SU4_serv	BOBJ1	87	197.91	After	Interior Girder 6	5.85	0.95	1	1	3.840957
SU4_serv	BOBJ1	87	197.91	After	Right Exterior Girder	5.85	0.95	1	1	8.026262
SU4_serv	BOBJ1	88	199.1816	Before	Left Exterior Girder	7.1216	0.95	1	1	8.473589
SU4_serv	BOBJ1	88	199.1816	Before	Right Exterior Girder	7.1216	0.95	1	1	8.473589
SU4_serv	BOBJ1	89	199.1816	After	Left Exterior Girder	7.1216	0.95	1	1	3.65179
SU4_serv	BOBJ1	89	199.1816	After	Right Exterior Girder	7.1216	0.95	1	1	3.65179
SU4_serv	BOBJ1	90	203.5267	Before	Left Exterior Girder	11.3107	0.95	1	1	4.816119
SU4_serv	BOBJ1	90	203.5267	Before	Interior Girder 1	11.3107	0.95	1	1	5.089861
SU4_serv	BOBJ1	90	203.5267	Before	Interior Girder 2	11.3107	0.95	1	1	4.788915
SU4_serv	BOBJ1	90	203.5267	Before	Interior Girder 3	11.3107	0.95	1	1	4.930992
SU4_serv	BOBJ1	90	203.5267	Before	Interior Girder 4	11.3107	0.95	1	1	4.930992
SU4_serv	BOBJ1	90	203.5267	Before	Interior Girder 5	11.3107	0.95	1	1	4.788915
SU4_serv	BOBJ1	90	203.5267	Before	Interior Girder 6	11.3107	0.95	1	1	5.089861
SU4_serv	BOBJ1	90	203.5267	Before	Right Exterior Girder	11.3107	0.95	1	1	4.816119
SU4_serv	BOBJ1	91	203.5267	After	Left Exterior Girder	11.3107	0.95	1	1	7.679494
SU4_serv	BOBJ1	91	203.5267	After	Interior Girder 1	11.3107	0.95	1	1	7.990966
SU4_serv	BOBJ1	91	203.5267	After	Interior Girder 2	11.3107	0.95	1	1	7.615084
SU4_serv	BOBJ1	91	203.5267	After	Interior Girder 3	11.3107	0.95	1	1	7.792439

TABLE: Bridge Super Rating AASHTORATE18 31 - SteelICompServ-Flx - Approach, Span 12-15										
Request	BridgeObj	BridgeCut	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	Unitless	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
SU4_serv	BOBJ1	91	203.5267	After	Interior Girder 4	11.3107	0.95	1	1	7.792439
SU4_serv	BOBJ1	91	203.5267	After	Interior Girder 5	11.3107	0.95	1	1	7.615084
SU4_serv	BOBJ1	91	203.5267	After	Interior Girder 6	11.3107	0.95	1	1	7.990966
SU4_serv	BOBJ1	91	203.5267	After	Right Exterior Girder	11.3107	0.95	1	1	7.679494
SU4_serv	BOBJ1	92	209.1433	Before	Left Exterior Girder	17.0833	0.95	1	1	8.038178
SU4_serv	BOBJ1	92	209.1433	Before	Interior Girder 1	17.0833	0.95	1	1	6.20535
SU4_serv	BOBJ1	92	209.1433	Before	Interior Girder 2	17.0833	0.95	1	1	5.753642
SU4_serv	BOBJ1	92	209.1433	Before	Interior Girder 3	17.0833	0.95	1	1	5.569529
SU4_serv	BOBJ1	92	209.1433	Before	Interior Girder 4	17.0833	0.95	1	1	5.569529
SU4_serv	BOBJ1	92	209.1433	Before	Interior Girder 5	17.0833	0.95	1	1	5.753642
SU4_serv	BOBJ1	92	209.1433	Before	Interior Girder 6	17.0833	0.95	1	1	6.20535
SU4_serv	BOBJ1	92	209.1433	Before	Right Exterior Girder	17.0833	0.95	1	1	8.038178
SU4_serv	BOBJ1	93	209.1433	After	Left Exterior Girder	17.0833	0.95	1	1	7.914174
SU4_serv	BOBJ1	93	209.1433	After	Interior Girder 1	17.0833	0.95	1	1	6.229346
SU4_serv	BOBJ1	93	209.1433	After	Interior Girder 2	17.0833	0.95	1	1	5.815296
SU4_serv	BOBJ1	93	209.1433	After	Interior Girder 3	17.0833	0.95	1	1	5.674693
SU4_serv	BOBJ1	93	209.1433	After	Interior Girder 4	17.0833	0.95	1	1	5.674693
SU4_serv	BOBJ1	93	209.1433	After	Interior Girder 5	17.0833	0.95	1	1	5.815296
SU4_serv	BOBJ1	93	209.1433	After	Interior Girder 6	17.0833	0.95	1	1	6.229346
SU4_serv	BOBJ1	93	209.1433	After	Right Exterior Girder	17.0833	0.95	1	1	7.914174
SU4_serv	BOBJ1	94	214.76	Before	Left Exterior Girder	22.7	0.95	1	1	5.964043
SU4_serv	BOBJ1	94	214.76	Before	Interior Girder 1	22.7	0.95	1	1	4.990177
SU4_serv	BOBJ1	94	214.76	Before	Interior Girder 2	22.7	0.95	1	1	4.65033
SU4_serv	BOBJ1	94	214.76	Before	Interior Girder 3	22.7	0.95	1	1	4.54589
SU4_serv	BOBJ1	94	214.76	Before	Interior Girder 4	22.7	0.95	1	1	4.54589
SU4_serv	BOBJ1	94	214.76	Before	Interior Girder 5	22.7	0.95	1	1	4.65033
SU4_serv	BOBJ1	94	214.76	Before	Interior Girder 6	22.7	0.95	1	1	4.990177
SU4_serv	BOBJ1	94	214.76	Before	Right Exterior Girder	22.7	0.95	1	1	5.964043
SU4_serv	BOBJ1	95	214.76	After	Left Exterior Girder	22.7	0.95	1	1	5.966737
SU4_serv	BOBJ1	95	214.76	After	Interior Girder 1	22.7	0.95	1	1	4.96855
SU4_serv	BOBJ1	95	214.76	After	Interior Girder 2	22.7	0.95	1	1	4.660945
SU4_serv	BOBJ1	95	214.76	After	Interior Girder 3	22.7	0.95	1	1	4.571019
SU4_serv	BOBJ1	95	214.76	After	Interior Girder 4	22.7	0.95	1	1	4.571019
SU4_serv	BOBJ1	95	214.76	After	Interior Girder 5	22.7	0.95	1	1	4.660945
SU4_serv	BOBJ1	95	214.76	After	Interior Girder 6	22.7	0.95	1	1	4.96855
SU4_serv	BOBJ1	95	214.76	After	Right Exterior Girder	22.7	0.95	1	1	5.966737
SU4_serv	BOBJ1	96	220.3767	Before	Left Exterior Girder	28.3167	0.95	1	1	5.489222
SU4_serv	BOBJ1	96	220.3767	Before	Interior Girder 1	28.3167	0.95	1	1	4.22158
SU4_serv	BOBJ1	96	220.3767	Before	Interior Girder 2	28.3167	0.95	1	1	3.995689
SU4_serv	BOBJ1	96	220.3767	Before	Interior Girder 3	28.3167	0.95	1	1	3.879305
SU4_serv	BOBJ1	96	220.3767	Before	Interior Girder 4	28.3167	0.95	1	1	3.879305
SU4_serv	BOBJ1	96	220.3767	Before	Interior Girder 5	28.3167	0.95	1	1	3.995689
SU4_serv	BOBJ1	96	220.3767	Before	Interior Girder 6	28.3167	0.95	1	1	4.22158
SU4_serv	BOBJ1	96	220.3767	Before	Right Exterior Girder	28.3167	0.95	1	1	5.489222
SU4_serv	BOBJ1	97	220.3767	After	Left Exterior Girder	28.3167	0.95	1	1	5.527992
SU4_serv	BOBJ1	97	220.3767	After	Interior Girder 1	28.3167	0.95	1	1	4.205047
SU4_serv	BOBJ1	97	220.3767	After	Interior Girder 2	28.3167	0.95	1	1	3.987385
SU4_serv	BOBJ1	97	220.3767	After	Interior Girder 3	28.3167	0.95	1	1	3.883751
SU4_serv	BOBJ1	97	220.3767	After	Interior Girder 4	28.3167	0.95	1	1	3.883751
SU4_serv	BOBJ1	97	220.3767	After	Interior Girder 5	28.3167	0.95	1	1	3.987385
SU4_serv	BOBJ1	97	220.3767	After	Interior Girder 6	28.3167	0.95	1	1	4.205047
SU4_serv	BOBJ1	97	220.3767	After	Right Exterior Girder	28.3167	0.95	1	1	5.527992
SU4_serv	BOBJ1	98	225.9933	Before	Left Exterior Girder	33.9333	0.95	1	1	5.313881
SU4_serv	BOBJ1	98	225.9933	Before	Interior Girder 1	33.9333	0.95	1	1	4.057364
SU4_serv	BOBJ1	98	225.9933	Before	Interior Girder 2	33.9333	0.95	1	1	3.852842
SU4_serv	BOBJ1	98	225.9933	Before	Interior Girder 3	33.9333	0.95	1	1	3.748873
SU4_serv	BOBJ1	98	225.9933	Before	Interior Girder 4	33.9333	0.95	1	1	3.748873
SU4_serv	BOBJ1	98	225.9933	Before	Interior Girder 5	33.9333	0.95	1	1	3.852842
SU4_serv	BOBJ1	98	225.9933	Before	Interior Girder 6	33.9333	0.95	1	1	4.057364
SU4_serv	BOBJ1	98	225.9933	Before	Right Exterior Girder	33.9333	0.95	1	1	5.313881
SU4_serv	BOBJ1	99	225.9933	After	Left Exterior Girder	33.9333	0.95	1	1	5.282244
SU4_serv	BOBJ1	99	225.9933	After	Interior Girder 1	33.9333	0.95	1	1	4.077265
SU4_serv	BOBJ1	99	225.9933	After	Interior Girder 2	33.9333	0.95	1	1	3.858479
SU4_serv	BOBJ1	99	225.9933	After	Interior Girder 3	33.9333	0.95	1	1	3.742881
SU4_serv	BOBJ1	99	225.9933	After	Interior Girder 4	33.9333	0.95	1	1	3.742881
SU4_serv	BOBJ1	99	225.9933	After	Interior Girder 5	33.9333	0.95	1	1	3.858479
SU4_serv	BOBJ1	99	225.9933	After	Interior Girder 6	33.9333	0.95	1	1	4.077265
SU4_serv	BOBJ1	99	225.9933	After	Right Exterior Girder	33.9333	0.95	1	1	5.282244
SU4_serv	BOBJ1	100	231.61	Before	Left Exterior Girder	39.55	0.95	1	1	5.666581
SU4_serv	BOBJ1	100	231.61	Before	Interior Girder 1	39.55	0.95	1	1	4.537785
SU4_serv	BOBJ1	100	231.61	Before	Interior Girder 2	39.55	0.95	1	1	4.262622
SU4_serv	BOBJ1	100	231.61	Before	Interior Girder 3	39.55	0.95	1	1	4.119502
SU4_serv	BOBJ1	100	231.61	Before	Interior Girder 4	39.55	0.95	1	1	4.119502

TABLE: Bridge Super Rating AASHTORATE18 31 - SteelICompServ-Flx - Approach, Span 12-15										
Request	BridgeObj	BridgeCut	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	Unitless	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
SU4_serv	BOBJ1	100	231.61	Before	Interior Girder 5	39.55	0.95	1	1	4.262622
SU4_serv	BOBJ1	100	231.61	Before	Interior Girder 6	39.55	0.95	1	1	4.537785
SU4_serv	BOBJ1	100	231.61	Before	Right Exterior Girder	39.55	0.95	1	1	5.666581
SU4_serv	BOBJ1	101	231.61	After	Left Exterior Girder	39.55	0.95	1	1	5.65671
SU4_serv	BOBJ1	101	231.61	After	Interior Girder 1	39.55	0.95	1	1	4.542799
SU4_serv	BOBJ1	101	231.61	After	Interior Girder 2	39.55	0.95	1	1	4.237315
SU4_serv	BOBJ1	101	231.61	After	Interior Girder 3	39.55	0.95	1	1	4.077322
SU4_serv	BOBJ1	101	231.61	After	Interior Girder 4	39.55	0.95	1	1	4.077322
SU4_serv	BOBJ1	101	231.61	After	Interior Girder 5	39.55	0.95	1	1	4.237315
SU4_serv	BOBJ1	101	231.61	After	Interior Girder 6	39.55	0.95	1	1	4.542799
SU4_serv	BOBJ1	101	231.61	After	Right Exterior Girder	39.55	0.95	1	1	5.65671
SU4_serv	BOBJ1	102	237.37	Before	Left Exterior Girder	45.31	0.95	1	1	7.542418
SU4_serv	BOBJ1	102	237.37	Before	Interior Girder 1	45.31	0.95	1	1	5.529697
SU4_serv	BOBJ1	102	237.37	Before	Interior Girder 2	45.31	0.95	1	1	5.193082
SU4_serv	BOBJ1	102	237.37	Before	Interior Girder 3	45.31	0.95	1	1	4.927649
SU4_serv	BOBJ1	102	237.37	Before	Interior Girder 4	45.31	0.95	1	1	4.927649
SU4_serv	BOBJ1	102	237.37	Before	Interior Girder 5	45.31	0.95	1	1	5.193082
SU4_serv	BOBJ1	102	237.37	Before	Interior Girder 6	45.31	0.95	1	1	5.529697
SU4_serv	BOBJ1	102	237.37	Before	Right Exterior Girder	45.31	0.95	1	1	7.542418
SU4_serv	BOBJ1	103	237.37	After	Left Exterior Girder	45.31	0.95	1	1	7.606489
SU4_serv	BOBJ1	103	237.37	After	Interior Girder 1	45.31	0.95	1	1	5.495338
SU4_serv	BOBJ1	103	237.37	After	Interior Girder 2	45.31	0.95	1	1	5.106353
SU4_serv	BOBJ1	103	237.37	After	Interior Girder 3	45.31	0.95	1	1	4.769327
SU4_serv	BOBJ1	103	237.37	After	Interior Girder 4	45.31	0.95	1	1	4.769327
SU4_serv	BOBJ1	103	237.37	After	Interior Girder 5	45.31	0.95	1	1	5.106353
SU4_serv	BOBJ1	103	237.37	After	Interior Girder 6	45.31	0.95	1	1	5.495338
SU4_serv	BOBJ1	103	237.37	After	Right Exterior Girder	45.31	0.95	1	1	7.606489
SU4_serv	BOBJ1	104	243.13	Before	Left Exterior Girder	51.07	0.95	1	1	13.719156
SU4_serv	BOBJ1	104	243.13	Before	Interior Girder 1	51.07	0.95	1	1	9.029
SU4_serv	BOBJ1	104	243.13	Before	Interior Girder 2	51.07	0.95	1	1	8.499322
SU4_serv	BOBJ1	104	243.13	Before	Interior Girder 3	51.07	0.95	1	1	7.517229
SU4_serv	BOBJ1	104	243.13	Before	Interior Girder 4	51.07	0.95	1	1	7.517229
SU4_serv	BOBJ1	104	243.13	Before	Interior Girder 5	51.07	0.95	1	1	8.499322
SU4_serv	BOBJ1	104	243.13	Before	Interior Girder 6	51.07	0.95	1	1	9.029
SU4_serv	BOBJ1	104	243.13	Before	Right Exterior Girder	51.07	0.95	1	1	13.719156
SU4_serv	BOBJ1	105	243.13	After	Left Exterior Girder	51.07	0.95	1	1	13.726924
SU4_serv	BOBJ1	105	243.13	After	Interior Girder 1	51.07	0.95	1	1	8.916403
SU4_serv	BOBJ1	105	243.13	After	Interior Girder 2	51.07	0.95	1	1	8.313544
SU4_serv	BOBJ1	105	243.13	After	Interior Girder 3	51.07	0.95	1	1	7.151436
SU4_serv	BOBJ1	105	243.13	After	Interior Girder 4	51.07	0.95	1	1	7.151436
SU4_serv	BOBJ1	105	243.13	After	Interior Girder 5	51.07	0.95	1	1	8.313544
SU4_serv	BOBJ1	105	243.13	After	Interior Girder 6	51.07	0.95	1	1	8.916403
SU4_serv	BOBJ1	105	243.13	After	Right Exterior Girder	51.07	0.95	1	1	13.726924
SU4_serv	BOBJ1	106	248.89	Before	Left Exterior Girder	56.83	0.95	1	1	582.872017
SU4_serv	BOBJ1	106	248.89	Before	Interior Girder 1	56.83	0.95	1	1	451.974464
SU4_serv	BOBJ1	106	248.89	Before	Interior Girder 2	56.83	0.95	1	1	287.319515
SU4_serv	BOBJ1	106	248.89	Before	Interior Girder 3	56.83	0.95	1	1	224.230132
SU4_serv	BOBJ1	106	248.89	Before	Interior Girder 4	56.83	0.95	1	1	224.230132
SU4_serv	BOBJ1	106	248.89	Before	Interior Girder 5	56.83	0.95	1	1	287.319515
SU4_serv	BOBJ1	106	248.89	Before	Interior Girder 6	56.83	0.95	1	1	451.974464
SU4_serv	BOBJ1	106	248.89	Before	Right Exterior Girder	56.83	0.95	1	1	582.872017
SU5_serv	BOBJ1	1	0	After	Left Exterior Girder	0	0.95	1	1	364.460821
SU5_serv	BOBJ1	1	0	After	Interior Girder 1	0	0.95	1	1	254.67342
SU5_serv	BOBJ1	1	0	After	Interior Girder 2	0	0.95	1	1	182.214737
SU5_serv	BOBJ1	1	0	After	Interior Girder 3	0	0.95	1	1	148.150924
SU5_serv	BOBJ1	1	0	After	Interior Girder 4	0	0.95	1	1	148.150924
SU5_serv	BOBJ1	1	0	After	Interior Girder 5	0	0.95	1	1	182.214736
SU5_serv	BOBJ1	1	0	After	Interior Girder 6	0	0.95	1	1	254.67342
SU5_serv	BOBJ1	1	0	After	Right Exterior Girder	0	0.95	1	1	364.460821
SU5_serv	BOBJ1	2	5.85	Before	Left Exterior Girder	5.85	0.95	1	1	10.00487
SU5_serv	BOBJ1	2	5.85	Before	Interior Girder 1	5.85	0.95	1	1	7.215871
SU5_serv	BOBJ1	2	5.85	Before	Interior Girder 2	5.85	0.95	1	1	6.666995
SU5_serv	BOBJ1	2	5.85	Before	Interior Girder 3	5.85	0.95	1	1	5.902097
SU5_serv	BOBJ1	2	5.85	Before	Interior Girder 4	5.85	0.95	1	1	5.902097
SU5_serv	BOBJ1	2	5.85	Before	Interior Girder 5	5.85	0.95	1	1	6.666995
SU5_serv	BOBJ1	2	5.85	Before	Interior Girder 6	5.85	0.95	1	1	7.215871
SU5_serv	BOBJ1	2	5.85	Before	Right Exterior Girder	5.85	0.95	1	1	10.00487
SU5_serv	BOBJ1	3	5.85	After	Left Exterior Girder	5.85	0.95	1	1	10.032413
SU5_serv	BOBJ1	3	5.85	After	Interior Girder 1	5.85	0.95	1	1	7.246387
SU5_serv	BOBJ1	3	5.85	After	Interior Girder 2	5.85	0.95	1	1	6.770518
SU5_serv	BOBJ1	3	5.85	After	Interior Girder 3	5.85	0.95	1	1	6.180353
SU5_serv	BOBJ1	3	5.85	After	Interior Girder 4	5.85	0.95	1	1	6.180353
SU5_serv	BOBJ1	3	5.85	After	Interior Girder 5	5.85	0.95	1	1	6.770518

TABLE: Bridge Super Rating AASHTORATE18 31 - SteelICompServ-Flx - Approach, Span 12-15										
Request	BridgeObj	BridgeCut	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	Unitless	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
SU5_serv	BOBJ1	3	5.85	After	Interior Girder 6	5.85	0.95	1	1	7.246387
SU5_serv	BOBJ1	3	5.85	After	Right Exterior Girder	5.85	0.95	1	1	10.032413
SU5_serv	BOBJ1	4	11.4667	Before	Left Exterior Girder	11.4667	0.95	1	1	5.663603
SU5_serv	BOBJ1	4	11.4667	Before	Interior Girder 1	11.4667	0.95	1	1	4.168641
SU5_serv	BOBJ1	4	11.4667	Before	Interior Girder 2	11.4667	0.95	1	1	3.894934
SU5_serv	BOBJ1	4	11.4667	Before	Interior Girder 3	11.4667	0.95	1	1	3.629692
SU5_serv	BOBJ1	4	11.4667	Before	Interior Girder 4	11.4667	0.95	1	1	3.629692
SU5_serv	BOBJ1	4	11.4667	Before	Interior Girder 5	11.4667	0.95	1	1	3.894934
SU5_serv	BOBJ1	4	11.4667	Before	Interior Girder 6	11.4667	0.95	1	1	4.168641
SU5_serv	BOBJ1	4	11.4667	Before	Right Exterior Girder	11.4667	0.95	1	1	5.663603
SU5_serv	BOBJ1	5	11.4667	After	Left Exterior Girder	11.4667	0.95	1	1	5.724358
SU5_serv	BOBJ1	5	11.4667	After	Interior Girder 1	11.4667	0.95	1	1	4.14108
SU5_serv	BOBJ1	5	11.4667	After	Interior Girder 2	11.4667	0.95	1	1	3.927659
SU5_serv	BOBJ1	5	11.4667	After	Interior Girder 3	11.4667	0.95	1	1	3.708495
SU5_serv	BOBJ1	5	11.4667	After	Interior Girder 4	11.4667	0.95	1	1	3.708495
SU5_serv	BOBJ1	5	11.4667	After	Interior Girder 5	11.4667	0.95	1	1	3.927659
SU5_serv	BOBJ1	5	11.4667	After	Interior Girder 6	11.4667	0.95	1	1	4.14108
SU5_serv	BOBJ1	5	11.4667	After	Right Exterior Girder	11.4667	0.95	1	1	5.724358
SU5_serv	BOBJ1	6	17.0833	Before	Left Exterior Girder	17.0833	0.95	1	1	4.280026
SU5_serv	BOBJ1	6	17.0833	Before	Interior Girder 1	17.0833	0.95	1	1	3.297147
SU5_serv	BOBJ1	6	17.0833	Before	Interior Girder 2	17.0833	0.95	1	1	3.122823
SU5_serv	BOBJ1	6	17.0833	Before	Interior Girder 3	17.0833	0.95	1	1	3.006287
SU5_serv	BOBJ1	6	17.0833	Before	Interior Girder 4	17.0833	0.95	1	1	3.006287
SU5_serv	BOBJ1	6	17.0833	Before	Interior Girder 5	17.0833	0.95	1	1	3.122823
SU5_serv	BOBJ1	6	17.0833	Before	Interior Girder 6	17.0833	0.95	1	1	3.297147
SU5_serv	BOBJ1	6	17.0833	Before	Right Exterior Girder	17.0833	0.95	1	1	4.280026
SU5_serv	BOBJ1	7	17.0833	After	Left Exterior Girder	17.0833	0.95	1	1	4.272459
SU5_serv	BOBJ1	7	17.0833	After	Interior Girder 1	17.0833	0.95	1	1	3.302981
SU5_serv	BOBJ1	7	17.0833	After	Interior Girder 2	17.0833	0.95	1	1	3.155341
SU5_serv	BOBJ1	7	17.0833	After	Interior Girder 3	17.0833	0.95	1	1	3.043706
SU5_serv	BOBJ1	7	17.0833	After	Interior Girder 4	17.0833	0.95	1	1	3.043706
SU5_serv	BOBJ1	7	17.0833	After	Interior Girder 5	17.0833	0.95	1	1	3.155341
SU5_serv	BOBJ1	7	17.0833	After	Interior Girder 6	17.0833	0.95	1	1	3.302981
SU5_serv	BOBJ1	7	17.0833	After	Right Exterior Girder	17.0833	0.95	1	1	4.272459
SU5_serv	BOBJ1	8	22.7	Before	Left Exterior Girder	22.7	0.95	1	1	3.756648
SU5_serv	BOBJ1	8	22.7	Before	Interior Girder 1	22.7	0.95	1	1	3.201913
SU5_serv	BOBJ1	8	22.7	Before	Interior Girder 2	22.7	0.95	1	1	3.03924
SU5_serv	BOBJ1	8	22.7	Before	Interior Girder 3	22.7	0.95	1	1	2.9796
SU5_serv	BOBJ1	8	22.7	Before	Interior Girder 4	22.7	0.95	1	1	2.9796
SU5_serv	BOBJ1	8	22.7	Before	Interior Girder 5	22.7	0.95	1	1	3.03924
SU5_serv	BOBJ1	8	22.7	Before	Interior Girder 6	22.7	0.95	1	1	3.201913
SU5_serv	BOBJ1	8	22.7	Before	Right Exterior Girder	22.7	0.95	1	1	3.756648
SU5_serv	BOBJ1	9	22.7	After	Left Exterior Girder	22.7	0.95	1	1	3.773193
SU5_serv	BOBJ1	9	22.7	After	Interior Girder 1	22.7	0.95	1	1	3.193085
SU5_serv	BOBJ1	9	22.7	After	Interior Girder 2	22.7	0.95	1	1	3.040804
SU5_serv	BOBJ1	9	22.7	After	Interior Girder 3	22.7	0.95	1	1	2.982458
SU5_serv	BOBJ1	9	22.7	After	Interior Girder 4	22.7	0.95	1	1	2.982458
SU5_serv	BOBJ1	9	22.7	After	Interior Girder 5	22.7	0.95	1	1	3.040804
SU5_serv	BOBJ1	9	22.7	After	Interior Girder 6	22.7	0.95	1	1	3.193085
SU5_serv	BOBJ1	9	22.7	After	Right Exterior Girder	22.7	0.95	1	1	3.773193
SU5_serv	BOBJ1	10	28.3167	Before	Left Exterior Girder	28.3167	0.95	1	1	4.114992
SU5_serv	BOBJ1	10	28.3167	Before	Interior Girder 1	28.3167	0.95	1	1	3.248478
SU5_serv	BOBJ1	10	28.3167	Before	Interior Girder 2	28.3167	0.95	1	1	3.10041
SU5_serv	BOBJ1	10	28.3167	Before	Interior Girder 3	28.3167	0.95	1	1	3.021978
SU5_serv	BOBJ1	10	28.3167	Before	Interior Girder 4	28.3167	0.95	1	1	3.021978
SU5_serv	BOBJ1	10	28.3167	Before	Interior Girder 5	28.3167	0.95	1	1	3.10041
SU5_serv	BOBJ1	10	28.3167	Before	Interior Girder 6	28.3167	0.95	1	1	3.248478
SU5_serv	BOBJ1	10	28.3167	Before	Right Exterior Girder	28.3167	0.95	1	1	4.114992
SU5_serv	BOBJ1	11	28.3167	After	Left Exterior Girder	28.3167	0.95	1	1	4.135951
SU5_serv	BOBJ1	11	28.3167	After	Interior Girder 1	28.3167	0.95	1	1	3.233441
SU5_serv	BOBJ1	11	28.3167	After	Interior Girder 2	28.3167	0.95	1	1	3.080568
SU5_serv	BOBJ1	11	28.3167	After	Interior Girder 3	28.3167	0.95	1	1	2.999164
SU5_serv	BOBJ1	11	28.3167	After	Interior Girder 4	28.3167	0.95	1	1	2.999164
SU5_serv	BOBJ1	11	28.3167	After	Interior Girder 5	28.3167	0.95	1	1	3.080568
SU5_serv	BOBJ1	11	28.3167	After	Interior Girder 6	28.3167	0.95	1	1	3.233441
SU5_serv	BOBJ1	11	28.3167	After	Right Exterior Girder	28.3167	0.95	1	1	4.135951
SU5_serv	BOBJ1	12	33.9333	Before	Left Exterior Girder	33.9333	0.95	1	1	4.939345
SU5_serv	BOBJ1	12	33.9333	Before	Interior Girder 1	33.9333	0.95	1	1	3.716827
SU5_serv	BOBJ1	12	33.9333	Before	Interior Girder 2	33.9333	0.95	1	1	3.5283
SU5_serv	BOBJ1	12	33.9333	Before	Interior Girder 3	33.9333	0.95	1	1	3.461513
SU5_serv	BOBJ1	12	33.9333	Before	Interior Girder 4	33.9333	0.95	1	1	3.461513
SU5_serv	BOBJ1	12	33.9333	Before	Interior Girder 5	33.9333	0.95	1	1	3.5283
SU5_serv	BOBJ1	12	33.9333	Before	Interior Girder 6	33.9333	0.95	1	1	3.716827

TABLE: Bridge Super Rating AASHTORATE18 31 - SteelICompServ-Flx - Approach, Span 12-15										
Request	BridgeObj	BridgeCut	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	Unitless	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
SU5_serv	BOBJ1	12	33.9333	Before	Right Exterior Girder	33.9333	0.95	1	1	4.939345
SU5_serv	BOBJ1	13	33.9333	After	Left Exterior Girder	33.9333	0.95	1	1	4.892968
SU5_serv	BOBJ1	13	33.9333	After	Interior Girder 1	33.9333	0.95	1	1	3.742963
SU5_serv	BOBJ1	13	33.9333	After	Interior Girder 2	33.9333	0.95	1	1	3.529595
SU5_serv	BOBJ1	13	33.9333	After	Interior Girder 3	33.9333	0.95	1	1	3.437929
SU5_serv	BOBJ1	13	33.9333	After	Interior Girder 4	33.9333	0.95	1	1	3.437929
SU5_serv	BOBJ1	13	33.9333	After	Interior Girder 5	33.9333	0.95	1	1	3.529595
SU5_serv	BOBJ1	13	33.9333	After	Interior Girder 6	33.9333	0.95	1	1	3.742963
SU5_serv	BOBJ1	13	33.9333	After	Right Exterior Girder	33.9333	0.95	1	1	4.892968
SU5_serv	BOBJ1	14	39.55	Before	Left Exterior Girder	39.55	0.95	1	1	6.668572
SU5_serv	BOBJ1	14	39.55	Before	Interior Girder 1	39.55	0.95	1	1	5.193943
SU5_serv	BOBJ1	14	39.55	Before	Interior Girder 2	39.55	0.95	1	1	4.812098
SU5_serv	BOBJ1	14	39.55	Before	Interior Girder 3	39.55	0.95	1	1	4.722731
SU5_serv	BOBJ1	14	39.55	Before	Interior Girder 4	39.55	0.95	1	1	4.722731
SU5_serv	BOBJ1	14	39.55	Before	Interior Girder 5	39.55	0.95	1	1	4.812098
SU5_serv	BOBJ1	14	39.55	Before	Interior Girder 6	39.55	0.95	1	1	5.193943
SU5_serv	BOBJ1	14	39.55	Before	Right Exterior Girder	39.55	0.95	1	1	6.668572
SU5_serv	BOBJ1	15	39.55	After	Left Exterior Girder	39.55	0.95	1	1	6.673688
SU5_serv	BOBJ1	15	39.55	After	Interior Girder 1	39.55	0.95	1	1	5.201195
SU5_serv	BOBJ1	15	39.55	After	Interior Girder 2	39.55	0.95	1	1	4.779824
SU5_serv	BOBJ1	15	39.55	After	Interior Girder 3	39.55	0.95	1	1	4.650929
SU5_serv	BOBJ1	15	39.55	After	Interior Girder 4	39.55	0.95	1	1	4.650929
SU5_serv	BOBJ1	15	39.55	After	Interior Girder 5	39.55	0.95	1	1	4.779824
SU5_serv	BOBJ1	15	39.55	After	Interior Girder 6	39.55	0.95	1	1	5.201195
SU5_serv	BOBJ1	15	39.55	After	Right Exterior Girder	39.55	0.95	1	1	6.673688
SU5_serv	BOBJ1	16	45.1733	Before	Left Exterior Girder	45.1226	0.95	1	1	5.696207
SU5_serv	BOBJ1	16	45.1733	Before	Interior Girder 1	45.1226	0.95	1	1	5.810503
SU5_serv	BOBJ1	16	45.1733	Before	Interior Girder 2	45.1226	0.95	1	1	5.56656
SU5_serv	BOBJ1	16	45.1733	Before	Interior Girder 3	45.1226	0.95	1	1	5.661531
SU5_serv	BOBJ1	16	45.1733	Before	Interior Girder 4	45.1226	0.95	1	1	5.661531
SU5_serv	BOBJ1	16	45.1733	Before	Interior Girder 5	45.1226	0.95	1	1	5.56656
SU5_serv	BOBJ1	16	45.1733	Before	Interior Girder 6	45.1226	0.95	1	1	5.810503
SU5_serv	BOBJ1	16	45.1733	Before	Right Exterior Girder	45.1226	0.95	1	1	5.696207
SU5_serv	BOBJ1	17	45.1733	After	Left Exterior Girder	45.1226	0.95	1	1	4.572447
SU5_serv	BOBJ1	17	45.1733	After	Interior Girder 1	45.1226	0.95	1	1	4.664737
SU5_serv	BOBJ1	17	45.1733	After	Interior Girder 2	45.1226	0.95	1	1	4.440187
SU5_serv	BOBJ1	17	45.1733	After	Interior Girder 3	45.1226	0.95	1	1	4.533922
SU5_serv	BOBJ1	17	45.1733	After	Interior Girder 4	45.1226	0.95	1	1	4.533922
SU5_serv	BOBJ1	17	45.1733	After	Interior Girder 5	45.1226	0.95	1	1	4.440187
SU5_serv	BOBJ1	17	45.1733	After	Interior Girder 6	45.1226	0.95	1	1	4.664737
SU5_serv	BOBJ1	17	45.1733	After	Right Exterior Girder	45.1226	0.95	1	1	4.572447
SU5_serv	BOBJ1	18	49.2561	Before	Left Exterior Girder	49.2561	0.95	1	1	3.509879
SU5_serv	BOBJ1	18	49.2561	Before	Right Exterior Girder	49.2561	0.95	1	1	3.509879
SU5_serv	BOBJ1	19	49.2561	After	Left Exterior Girder	49.2561	0.95	1	1	3.546552
SU5_serv	BOBJ1	19	49.2561	After	Right Exterior Girder	49.2561	0.95	1	1	3.546552
SU5_serv	BOBJ1	20	50.7967	Before	Left Exterior Girder	50.7967	0.95	1	1	7.118607
SU5_serv	BOBJ1	20	50.7967	Before	Interior Girder 1	50.7967	0.95	1	1	3.525437
SU5_serv	BOBJ1	20	50.7967	Before	Interior Girder 2	50.7967	0.95	1	1	3.334141
SU5_serv	BOBJ1	20	50.7967	Before	Interior Girder 3	50.7967	0.95	1	1	3.207175
SU5_serv	BOBJ1	20	50.7967	Before	Interior Girder 4	50.7967	0.95	1	1	3.207175
SU5_serv	BOBJ1	20	50.7967	Before	Interior Girder 5	50.7967	0.95	1	1	3.334141
SU5_serv	BOBJ1	20	50.7967	Before	Interior Girder 6	50.7967	0.95	1	1	3.525437
SU5_serv	BOBJ1	20	50.7967	Before	Right Exterior Girder	50.7967	0.95	1	1	7.118607
SU5_serv	BOBJ1	21	50.7967	After	Left Exterior Girder	50.7967	0.95	1	1	7.068976
SU5_serv	BOBJ1	21	50.7967	After	Interior Girder 1	50.7967	0.95	1	1	3.523119
SU5_serv	BOBJ1	21	50.7967	After	Interior Girder 2	50.7967	0.95	1	1	3.3132
SU5_serv	BOBJ1	21	50.7967	After	Interior Girder 3	50.7967	0.95	1	1	3.196365
SU5_serv	BOBJ1	21	50.7967	After	Interior Girder 4	50.7967	0.95	1	1	3.196365
SU5_serv	BOBJ1	21	50.7967	After	Interior Girder 5	50.7967	0.95	1	1	3.3132
SU5_serv	BOBJ1	21	50.7967	After	Interior Girder 6	50.7967	0.95	1	1	3.523119
SU5_serv	BOBJ1	21	50.7967	After	Right Exterior Girder	50.7967	0.95	1	1	7.068976
SU5_serv	BOBJ1	22	51.3989	Before	Interior Girder 1	51.3989	0.95	1	1	3.393883
SU5_serv	BOBJ1	22	51.3989	Before	Interior Girder 2	51.3989	0.95	1	1	3.206827
SU5_serv	BOBJ1	22	51.3989	Before	Interior Girder 3	51.3989	0.95	1	1	3.068705
SU5_serv	BOBJ1	22	51.3989	Before	Interior Girder 4	51.3989	0.95	1	1	3.068705
SU5_serv	BOBJ1	22	51.3989	Before	Interior Girder 5	51.3989	0.95	1	1	3.206827
SU5_serv	BOBJ1	22	51.3989	Before	Interior Girder 6	51.3989	0.95	1	1	3.393883
SU5_serv	BOBJ1	23	51.3989	After	Interior Girder 1	51.3989	0.95	1	1	5.006867
SU5_serv	BOBJ1	23	51.3989	After	Interior Girder 2	51.3989	0.95	1	1	4.70382
SU5_serv	BOBJ1	23	51.3989	After	Interior Girder 3	51.3989	0.95	1	1	4.540569
SU5_serv	BOBJ1	23	51.3989	After	Interior Girder 4	51.3989	0.95	1	1	4.540569
SU5_serv	BOBJ1	23	51.3989	After	Interior Girder 5	51.3989	0.95	1	1	4.70382
SU5_serv	BOBJ1	23	51.3989	After	Interior Girder 6	51.3989	0.95	1	1	5.006867

TABLE: Bridge Super Rating AASHTORATE18 31 - SteelICompServ-Flx - Approach, Span 12-15										
Request	BridgeObj	BridgeCut	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	Unitless	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
SU5_serv	BOBJ1	24	56.42	Before	Left Exterior Girder	56.42	0.95	1	1	5.387222
SU5_serv	BOBJ1	24	56.42	Before	Interior Girder 1	56.42	0.95	1	1	3.825905
SU5_serv	BOBJ1	24	56.42	Before	Interior Girder 2	56.42	0.95	1	1	3.491931
SU5_serv	BOBJ1	24	56.42	Before	Interior Girder 3	56.42	0.95	1	1	3.001273
SU5_serv	BOBJ1	24	56.42	Before	Interior Girder 4	56.42	0.95	1	1	3.001273
SU5_serv	BOBJ1	24	56.42	Before	Interior Girder 5	56.42	0.95	1	1	3.491931
SU5_serv	BOBJ1	24	56.42	Before	Interior Girder 6	56.42	0.95	1	1	3.825905
SU5_serv	BOBJ1	24	56.42	Before	Right Exterior Girder	56.42	0.95	1	1	5.387222
SU5_serv	BOBJ1	25	56.42	After	Left Exterior Girder	0	0.95	1	1	5.539114
SU5_serv	BOBJ1	25	56.42	After	Interior Girder 1	0	0.95	1	1	3.492587
SU5_serv	BOBJ1	25	56.42	After	Interior Girder 2	0	0.95	1	1	3.273414
SU5_serv	BOBJ1	25	56.42	After	Interior Girder 3	0	0.95	1	1	2.826045
SU5_serv	BOBJ1	25	56.42	After	Interior Girder 4	0	0.95	1	1	2.826045
SU5_serv	BOBJ1	25	56.42	After	Interior Girder 5	0	0.95	1	1	3.273414
SU5_serv	BOBJ1	25	56.42	After	Interior Girder 6	0	0.95	1	1	3.492587
SU5_serv	BOBJ1	25	56.42	After	Right Exterior Girder	0	0.95	1	1	5.539114
SU5_serv	BOBJ1	26	62.0367	Before	Left Exterior Girder	5.6167	0.95	1	1	9.048326
SU5_serv	BOBJ1	26	62.0367	Before	Interior Girder 1	5.6167	0.95	1	1	6.283913
SU5_serv	BOBJ1	26	62.0367	Before	Interior Girder 2	5.6167	0.95	1	1	5.790197
SU5_serv	BOBJ1	26	62.0367	Before	Interior Girder 3	5.6167	0.95	1	1	5.464109
SU5_serv	BOBJ1	26	62.0367	Before	Interior Girder 4	5.6167	0.95	1	1	5.464109
SU5_serv	BOBJ1	26	62.0367	Before	Interior Girder 5	5.6167	0.95	1	1	5.790197
SU5_serv	BOBJ1	26	62.0367	Before	Interior Girder 6	5.6167	0.95	1	1	6.283913
SU5_serv	BOBJ1	26	62.0367	Before	Right Exterior Girder	5.6167	0.95	1	1	9.048326
SU5_serv	BOBJ1	27	62.0367	After	Left Exterior Girder	5.6167	0.95	1	1	8.969059
SU5_serv	BOBJ1	27	62.0367	After	Interior Girder 1	5.6167	0.95	1	1	6.373767
SU5_serv	BOBJ1	27	62.0367	After	Interior Girder 2	5.6167	0.95	1	1	5.884823
SU5_serv	BOBJ1	27	62.0367	After	Interior Girder 3	5.6167	0.95	1	1	5.562925
SU5_serv	BOBJ1	27	62.0367	After	Interior Girder 4	5.6167	0.95	1	1	5.562925
SU5_serv	BOBJ1	27	62.0367	After	Interior Girder 5	5.6167	0.95	1	1	5.884823
SU5_serv	BOBJ1	27	62.0367	After	Interior Girder 6	5.6167	0.95	1	1	6.373767
SU5_serv	BOBJ1	27	62.0367	After	Right Exterior Girder	5.6167	0.95	1	1	8.969059
SU5_serv	BOBJ1	28	62.4203	Before	Interior Girder 1	6.0003	0.95	1	1	6.489818
SU5_serv	BOBJ1	28	62.4203	Before	Interior Girder 2	6.0003	0.95	1	1	5.98518
SU5_serv	BOBJ1	28	62.4203	Before	Interior Girder 3	6.0003	0.95	1	1	5.686061
SU5_serv	BOBJ1	28	62.4203	Before	Interior Girder 4	6.0003	0.95	1	1	5.686061
SU5_serv	BOBJ1	28	62.4203	Before	Interior Girder 5	6.0003	0.95	1	1	5.98518
SU5_serv	BOBJ1	28	62.4203	Before	Interior Girder 6	6.0003	0.95	1	1	6.489818
SU5_serv	BOBJ1	29	62.4203	After	Interior Girder 1	6.0003	0.95	1	1	4.388398
SU5_serv	BOBJ1	29	62.4203	After	Interior Girder 2	6.0003	0.95	1	1	4.094439
SU5_serv	BOBJ1	29	62.4203	After	Interior Girder 3	6.0003	0.95	1	1	3.84866
SU5_serv	BOBJ1	29	62.4203	After	Interior Girder 4	6.0003	0.95	1	1	3.84866
SU5_serv	BOBJ1	29	62.4203	After	Interior Girder 5	6.0003	0.95	1	1	4.094439
SU5_serv	BOBJ1	29	62.4203	After	Interior Girder 6	6.0003	0.95	1	1	4.388398
SU5_serv	BOBJ1	30	64.9204	Before	Left Exterior Girder	8.5004	0.95	1	1	10.142598
SU5_serv	BOBJ1	30	64.9204	Before	Right Exterior Girder	8.5004	0.95	1	1	10.142598
SU5_serv	BOBJ1	31	64.9204	After	Left Exterior Girder	8.5004	0.95	1	1	4.82082
SU5_serv	BOBJ1	31	64.9204	After	Right Exterior Girder	8.5004	0.95	1	1	4.82082
SU5_serv	BOBJ1	32	67.6533	Before	Left Exterior Girder	11.2333	0.95	1	1	5.714811
SU5_serv	BOBJ1	32	67.6533	Before	Interior Girder 1	11.2333	0.95	1	1	5.704624
SU5_serv	BOBJ1	32	67.6533	Before	Interior Girder 2	11.2333	0.95	1	1	5.35251
SU5_serv	BOBJ1	32	67.6533	Before	Interior Girder 3	11.2333	0.95	1	1	5.357764
SU5_serv	BOBJ1	32	67.6533	Before	Interior Girder 4	11.2333	0.95	1	1	5.357764
SU5_serv	BOBJ1	32	67.6533	Before	Interior Girder 5	11.2333	0.95	1	1	5.35251
SU5_serv	BOBJ1	32	67.6533	Before	Interior Girder 6	11.2333	0.95	1	1	5.704624
SU5_serv	BOBJ1	32	67.6533	Before	Right Exterior Girder	11.2333	0.95	1	1	5.714811
SU5_serv	BOBJ1	33	67.6533	After	Left Exterior Girder	11.2333	0.95	1	1	5.67351
SU5_serv	BOBJ1	33	67.6533	After	Interior Girder 1	11.2333	0.95	1	1	5.744082
SU5_serv	BOBJ1	33	67.6533	After	Interior Girder 2	11.2333	0.95	1	1	5.422118
SU5_serv	BOBJ1	33	67.6533	After	Interior Girder 3	11.2333	0.95	1	1	5.413134
SU5_serv	BOBJ1	33	67.6533	After	Interior Girder 4	11.2333	0.95	1	1	5.413134
SU5_serv	BOBJ1	33	67.6533	After	Interior Girder 5	11.2333	0.95	1	1	5.422118
SU5_serv	BOBJ1	33	67.6533	After	Interior Girder 6	11.2333	0.95	1	1	5.744082
SU5_serv	BOBJ1	33	67.6533	After	Right Exterior Girder	11.2333	0.95	1	1	5.67351
SU5_serv	BOBJ1	34	73.27	Before	Left Exterior Girder	16.85	0.95	1	1	6.619558
SU5_serv	BOBJ1	34	73.27	Before	Interior Girder 1	16.85	0.95	1	1	5.131172
SU5_serv	BOBJ1	34	73.27	Before	Interior Girder 2	16.85	0.95	1	1	4.659859
SU5_serv	BOBJ1	34	73.27	Before	Interior Girder 3	16.85	0.95	1	1	4.508811
SU5_serv	BOBJ1	34	73.27	Before	Interior Girder 4	16.85	0.95	1	1	4.508811
SU5_serv	BOBJ1	34	73.27	Before	Interior Girder 5	16.85	0.95	1	1	4.659859
SU5_serv	BOBJ1	34	73.27	Before	Interior Girder 6	16.85	0.95	1	1	5.131172
SU5_serv	BOBJ1	34	73.27	Before	Right Exterior Girder	16.85	0.95	1	1	6.619558
SU5_serv	BOBJ1	35	73.27	After	Left Exterior Girder	16.85	0.95	1	1	6.710212

TABLE: Bridge Super Rating AASHTORATE18 31 - SteelICompServ-Flx - Approach, Span 12-15										
Request	BridgeObj	BridgeCut	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	Unitless	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
SU5_serv	BOBJ1	35	73.27	After	Interior Girder 1	16.85	0.95	1	1	5.083066
SU5_serv	BOBJ1	35	73.27	After	Interior Girder 2	16.85	0.95	1	1	4.667925
SU5_serv	BOBJ1	35	73.27	After	Interior Girder 3	16.85	0.95	1	1	4.56864
SU5_serv	BOBJ1	35	73.27	After	Interior Girder 4	16.85	0.95	1	1	4.56864
SU5_serv	BOBJ1	35	73.27	After	Interior Girder 5	16.85	0.95	1	1	4.667925
SU5_serv	BOBJ1	35	73.27	After	Interior Girder 6	16.85	0.95	1	1	5.083066
SU5_serv	BOBJ1	35	73.27	After	Right Exterior Girder	16.85	0.95	1	1	6.710212
SU5_serv	BOBJ1	36	78.8867	Before	Left Exterior Girder	22.4667	0.95	1	1	4.640854
SU5_serv	BOBJ1	36	78.8867	Before	Interior Girder 1	22.4667	0.95	1	1	3.575654
SU5_serv	BOBJ1	36	78.8867	Before	Interior Girder 2	22.4667	0.95	1	1	3.359256
SU5_serv	BOBJ1	36	78.8867	Before	Interior Girder 3	22.4667	0.95	1	1	3.255991
SU5_serv	BOBJ1	36	78.8867	Before	Interior Girder 4	22.4667	0.95	1	1	3.255991
SU5_serv	BOBJ1	36	78.8867	Before	Interior Girder 5	22.4667	0.95	1	1	3.359256
SU5_serv	BOBJ1	36	78.8867	Before	Interior Girder 6	22.4667	0.95	1	1	3.575654
SU5_serv	BOBJ1	36	78.8867	Before	Right Exterior Girder	22.4667	0.95	1	1	4.640854
SU5_serv	BOBJ1	37	78.8867	After	Left Exterior Girder	22.4667	0.95	1	1	4.705539
SU5_serv	BOBJ1	37	78.8867	After	Interior Girder 1	22.4667	0.95	1	1	3.54293
SU5_serv	BOBJ1	37	78.8867	After	Interior Girder 2	22.4667	0.95	1	1	3.35129
SU5_serv	BOBJ1	37	78.8867	After	Interior Girder 3	22.4667	0.95	1	1	3.277758
SU5_serv	BOBJ1	37	78.8867	After	Interior Girder 4	22.4667	0.95	1	1	3.277758
SU5_serv	BOBJ1	37	78.8867	After	Interior Girder 5	22.4667	0.95	1	1	3.35129
SU5_serv	BOBJ1	37	78.8867	After	Interior Girder 6	22.4667	0.95	1	1	3.54293
SU5_serv	BOBJ1	37	78.8867	After	Right Exterior Girder	22.4667	0.95	1	1	4.705539
SU5_serv	BOBJ1	38	84.5033	Before	Left Exterior Girder	28.0833	0.95	1	1	3.745412
SU5_serv	BOBJ1	38	84.5033	Before	Interior Girder 1	28.0833	0.95	1	1	3.023589
SU5_serv	BOBJ1	38	84.5033	Before	Interior Girder 2	28.0833	0.95	1	1	2.877513
SU5_serv	BOBJ1	38	84.5033	Before	Interior Girder 3	28.0833	0.95	1	1	2.810941
SU5_serv	BOBJ1	38	84.5033	Before	Interior Girder 4	28.0833	0.95	1	1	2.810941
SU5_serv	BOBJ1	38	84.5033	Before	Interior Girder 5	28.0833	0.95	1	1	2.877513
SU5_serv	BOBJ1	38	84.5033	Before	Interior Girder 6	28.0833	0.95	1	1	3.023589
SU5_serv	BOBJ1	38	84.5033	Before	Right Exterior Girder	28.0833	0.95	1	1	3.745412
SU5_serv	BOBJ1	39	84.5033	After	Left Exterior Girder	28.0833	0.95	1	1	3.74077
SU5_serv	BOBJ1	39	84.5033	After	Interior Girder 1	28.0833	0.95	1	1	3.031776
SU5_serv	BOBJ1	39	84.5033	After	Interior Girder 2	28.0833	0.95	1	1	2.893785
SU5_serv	BOBJ1	39	84.5033	After	Interior Girder 3	28.0833	0.95	1	1	2.831945
SU5_serv	BOBJ1	39	84.5033	After	Interior Girder 4	28.0833	0.95	1	1	2.831945
SU5_serv	BOBJ1	39	84.5033	After	Interior Girder 5	28.0833	0.95	1	1	2.893785
SU5_serv	BOBJ1	39	84.5033	After	Interior Girder 6	28.0833	0.95	1	1	3.031776
SU5_serv	BOBJ1	39	84.5033	After	Right Exterior Girder	28.0833	0.95	1	1	3.74077
SU5_serv	BOBJ1	40	90.12	Before	Left Exterior Girder	33.7	0.95	1	1	3.374543
SU5_serv	BOBJ1	40	90.12	Before	Interior Girder 1	33.7	0.95	1	1	3.009676
SU5_serv	BOBJ1	40	90.12	Before	Interior Girder 2	33.7	0.95	1	1	2.864834
SU5_serv	BOBJ1	40	90.12	Before	Interior Girder 3	33.7	0.95	1	1	2.819674
SU5_serv	BOBJ1	40	90.12	Before	Interior Girder 4	33.7	0.95	1	1	2.819674
SU5_serv	BOBJ1	40	90.12	Before	Interior Girder 5	33.7	0.95	1	1	2.864834
SU5_serv	BOBJ1	40	90.12	Before	Interior Girder 6	33.7	0.95	1	1	3.009676
SU5_serv	BOBJ1	40	90.12	Before	Right Exterior Girder	33.7	0.95	1	1	3.374543
SU5_serv	BOBJ1	41	90.12	After	Left Exterior Girder	33.7	0.95	1	1	3.385481
SU5_serv	BOBJ1	41	90.12	After	Interior Girder 1	33.7	0.95	1	1	3.00259
SU5_serv	BOBJ1	41	90.12	After	Interior Girder 2	33.7	0.95	1	1	2.859344
SU5_serv	BOBJ1	41	90.12	After	Interior Girder 3	33.7	0.95	1	1	2.814462
SU5_serv	BOBJ1	41	90.12	After	Interior Girder 4	33.7	0.95	1	1	2.814462
SU5_serv	BOBJ1	41	90.12	After	Interior Girder 5	33.7	0.95	1	1	2.859344
SU5_serv	BOBJ1	41	90.12	After	Interior Girder 6	33.7	0.95	1	1	3.00259
SU5_serv	BOBJ1	41	90.12	After	Right Exterior Girder	33.7	0.95	1	1	3.385481
SU5_serv	BOBJ1	42	95.7367	Before	Left Exterior Girder	39.3167	0.95	1	1	3.709878
SU5_serv	BOBJ1	42	95.7367	Before	Interior Girder 1	39.3167	0.95	1	1	3.011961
SU5_serv	BOBJ1	42	95.7367	Before	Interior Girder 2	39.3167	0.95	1	1	2.875841
SU5_serv	BOBJ1	42	95.7367	Before	Interior Girder 3	39.3167	0.95	1	1	2.816504
SU5_serv	BOBJ1	42	95.7367	Before	Interior Girder 4	39.3167	0.95	1	1	2.816504
SU5_serv	BOBJ1	42	95.7367	Before	Interior Girder 5	39.3167	0.95	1	1	2.875841
SU5_serv	BOBJ1	42	95.7367	Before	Interior Girder 6	39.3167	0.95	1	1	3.011961
SU5_serv	BOBJ1	42	95.7367	Before	Right Exterior Girder	39.3167	0.95	1	1	3.709878
SU5_serv	BOBJ1	43	95.7367	After	Left Exterior Girder	39.3167	0.95	1	1	3.716854
SU5_serv	BOBJ1	43	95.7367	After	Interior Girder 1	39.3167	0.95	1	1	3.002721
SU5_serv	BOBJ1	43	95.7367	After	Interior Girder 2	39.3167	0.95	1	1	2.860028
SU5_serv	BOBJ1	43	95.7367	After	Interior Girder 3	39.3167	0.95	1	1	2.796652
SU5_serv	BOBJ1	43	95.7367	After	Interior Girder 4	39.3167	0.95	1	1	2.796652
SU5_serv	BOBJ1	43	95.7367	After	Interior Girder 5	39.3167	0.95	1	1	2.860028
SU5_serv	BOBJ1	43	95.7367	After	Interior Girder 6	39.3167	0.95	1	1	3.002721
SU5_serv	BOBJ1	43	95.7367	After	Right Exterior Girder	39.3167	0.95	1	1	3.716854
SU5_serv	BOBJ1	44	101.3533	Before	Left Exterior Girder	44.9333	0.95	1	1	4.598833
SU5_serv	BOBJ1	44	101.3533	Before	Interior Girder 1	44.9333	0.95	1	1	3.501478

TABLE: Bridge Super Rating AASHTORATE18 31 - SteelICompServ-Flx - Approach, Span 12-15										
Request	BridgeObj	BridgeCut	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	Unitless	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
SU5_serv	BOBJ1	44	101.3533	Before	Interior Girder 2	44.9333	0.95	1	1	3.312274
SU5_serv	BOBJ1	44	101.3533	Before	Interior Girder 3	44.9333	0.95	1	1	3.248636
SU5_serv	BOBJ1	44	101.3533	Before	Interior Girder 4	44.9333	0.95	1	1	3.248636
SU5_serv	BOBJ1	44	101.3533	Before	Interior Girder 5	44.9333	0.95	1	1	3.312274
SU5_serv	BOBJ1	44	101.3533	Before	Interior Girder 6	44.9333	0.95	1	1	3.501478
SU5_serv	BOBJ1	44	101.3533	Before	Right Exterior Girder	44.9333	0.95	1	1	4.598833
SU5_serv	BOBJ1	45	101.3533	After	Left Exterior Girder	44.9333	0.95	1	1	4.537698
SU5_serv	BOBJ1	45	101.3533	After	Interior Girder 1	44.9333	0.95	1	1	3.532503
SU5_serv	BOBJ1	45	101.3533	After	Interior Girder 2	44.9333	0.95	1	1	3.321471
SU5_serv	BOBJ1	45	101.3533	After	Interior Girder 3	44.9333	0.95	1	1	3.228478
SU5_serv	BOBJ1	45	101.3533	After	Interior Girder 4	44.9333	0.95	1	1	3.228478
SU5_serv	BOBJ1	45	101.3533	After	Interior Girder 5	44.9333	0.95	1	1	3.321471
SU5_serv	BOBJ1	45	101.3533	After	Interior Girder 6	44.9333	0.95	1	1	3.532503
SU5_serv	BOBJ1	45	101.3533	After	Right Exterior Girder	44.9333	0.95	1	1	4.537698
SU5_serv	BOBJ1	46	106.97	Before	Left Exterior Girder	50.55	0.95	1	1	6.326647
SU5_serv	BOBJ1	46	106.97	Before	Interior Girder 1	50.55	0.95	1	1	4.983222
SU5_serv	BOBJ1	46	106.97	Before	Interior Girder 2	50.55	0.95	1	1	4.575844
SU5_serv	BOBJ1	46	106.97	Before	Interior Girder 3	50.55	0.95	1	1	4.499457
SU5_serv	BOBJ1	46	106.97	Before	Interior Girder 4	50.55	0.95	1	1	4.499457
SU5_serv	BOBJ1	46	106.97	Before	Interior Girder 5	50.55	0.95	1	1	4.575844
SU5_serv	BOBJ1	46	106.97	Before	Interior Girder 6	50.55	0.95	1	1	4.983222
SU5_serv	BOBJ1	46	106.97	Before	Right Exterior Girder	50.55	0.95	1	1	6.326647
SU5_serv	BOBJ1	47	106.97	After	Left Exterior Girder	50.55	0.95	1	1	6.369988
SU5_serv	BOBJ1	47	106.97	After	Interior Girder 1	50.55	0.95	1	1	4.994969
SU5_serv	BOBJ1	47	106.97	After	Interior Girder 2	50.55	0.95	1	1	4.551648
SU5_serv	BOBJ1	47	106.97	After	Interior Girder 3	50.55	0.95	1	1	4.423638
SU5_serv	BOBJ1	47	106.97	After	Interior Girder 4	50.55	0.95	1	1	4.423638
SU5_serv	BOBJ1	47	106.97	After	Interior Girder 5	50.55	0.95	1	1	4.551648
SU5_serv	BOBJ1	47	106.97	After	Interior Girder 6	50.55	0.95	1	1	4.994969
SU5_serv	BOBJ1	47	106.97	After	Right Exterior Girder	50.55	0.95	1	1	6.369988
SU5_serv	BOBJ1	48	112.5933	Before	Left Exterior Girder	56.1733	0.95	1	1	4.726423
SU5_serv	BOBJ1	48	112.5933	Before	Interior Girder 1	56.1733	0.95	1	1	4.892216
SU5_serv	BOBJ1	48	112.5933	Before	Interior Girder 2	56.1733	0.95	1	1	4.648571
SU5_serv	BOBJ1	48	112.5933	Before	Interior Girder 3	56.1733	0.95	1	1	4.692052
SU5_serv	BOBJ1	48	112.5933	Before	Interior Girder 4	56.1733	0.95	1	1	4.692052
SU5_serv	BOBJ1	48	112.5933	Before	Interior Girder 5	56.1733	0.95	1	1	4.648571
SU5_serv	BOBJ1	48	112.5933	Before	Interior Girder 6	56.1733	0.95	1	1	4.892216
SU5_serv	BOBJ1	48	112.5933	Before	Right Exterior Girder	56.1733	0.95	1	1	4.726423
SU5_serv	BOBJ1	49	112.5933	After	Left Exterior Girder	56.1733	0.95	1	1	4.754385
SU5_serv	BOBJ1	49	112.5933	After	Interior Girder 1	56.1733	0.95	1	1	4.867754
SU5_serv	BOBJ1	49	112.5933	After	Interior Girder 2	56.1733	0.95	1	1	4.602322
SU5_serv	BOBJ1	49	112.5933	After	Interior Girder 3	56.1733	0.95	1	1	4.656818
SU5_serv	BOBJ1	49	112.5933	After	Interior Girder 4	56.1733	0.95	1	1	4.656818
SU5_serv	BOBJ1	49	112.5933	After	Interior Girder 5	56.1733	0.95	1	1	4.602322
SU5_serv	BOBJ1	49	112.5933	After	Interior Girder 6	56.1733	0.95	1	1	4.867754
SU5_serv	BOBJ1	49	112.5933	After	Right Exterior Girder	56.1733	0.95	1	1	4.754385
SU5_serv	BOBJ1	50	115.3396	Before	Left Exterior Girder	58.9196	0.95	1	1	3.993317
SU5_serv	BOBJ1	50	115.3396	Before	Right Exterior Girder	58.9196	0.95	1	1	3.993317
SU5_serv	BOBJ1	51	115.3396	After	Left Exterior Girder	58.9196	0.95	1	1	8.446161
SU5_serv	BOBJ1	51	115.3396	After	Right Exterior Girder	58.9196	0.95	1	1	8.446161
SU5_serv	BOBJ1	52	118.2167	Before	Left Exterior Girder	61.7967	0.95	1	1	7.481612
SU5_serv	BOBJ1	52	118.2167	Before	Interior Girder 1	61.9198	0.95	1	1	3.626554
SU5_serv	BOBJ1	52	118.2167	Before	Interior Girder 2	61.9198	0.95	1	1	3.43493
SU5_serv	BOBJ1	52	118.2167	Before	Interior Girder 3	61.9198	0.95	1	1	3.268309
SU5_serv	BOBJ1	52	118.2167	Before	Interior Girder 4	61.9198	0.95	1	1	3.268309
SU5_serv	BOBJ1	52	118.2167	Before	Interior Girder 5	61.9198	0.95	1	1	3.43493
SU5_serv	BOBJ1	52	118.2167	Before	Interior Girder 6	61.9198	0.95	1	1	3.626554
SU5_serv	BOBJ1	52	118.2167	Before	Right Exterior Girder	61.7967	0.95	1	1	7.481612
SU5_serv	BOBJ1	53	118.2167	After	Left Exterior Girder	61.7967	0.95	1	1	7.476261
SU5_serv	BOBJ1	53	118.2167	After	Interior Girder 1	61.9198	0.95	1	1	5.395411
SU5_serv	BOBJ1	53	118.2167	After	Interior Girder 2	61.9198	0.95	1	1	5.003327
SU5_serv	BOBJ1	53	118.2167	After	Interior Girder 3	61.9198	0.95	1	1	4.811242
SU5_serv	BOBJ1	53	118.2167	After	Interior Girder 4	61.9198	0.95	1	1	4.811242
SU5_serv	BOBJ1	53	118.2167	After	Interior Girder 5	61.9198	0.95	1	1	5.003327
SU5_serv	BOBJ1	53	118.2167	After	Interior Girder 6	61.9198	0.95	1	1	5.395411
SU5_serv	BOBJ1	53	118.2167	After	Right Exterior Girder	61.7967	0.95	1	1	7.476261
SU5_serv	BOBJ1	54	123.84	Before	Left Exterior Girder	67.42	0.95	1	1	5.589547
SU5_serv	BOBJ1	54	123.84	Before	Interior Girder 1	67.42	0.95	1	1	3.665823
SU5_serv	BOBJ1	54	123.84	Before	Interior Girder 2	67.42	0.95	1	1	3.348337
SU5_serv	BOBJ1	54	123.84	Before	Interior Girder 3	67.42	0.95	1	1	2.843311
SU5_serv	BOBJ1	54	123.84	Before	Interior Girder 4	67.42	0.95	1	1	2.843311
SU5_serv	BOBJ1	54	123.84	Before	Interior Girder 5	67.42	0.95	1	1	3.348337
SU5_serv	BOBJ1	54	123.84	Before	Interior Girder 6	67.42	0.95	1	1	3.665823

TABLE: Bridge Super Rating AASHTORATE18 31 - SteelICompServ-Flx - Approach, Span 12-15										
Request	BridgeObj	BridgeCut	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	Unitless	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
SU5_serv	BOBJ1	54	123.84	Before	Right Exterior Girder	67.42	0.95	1	1	5.589547
SU5_serv	BOBJ1	55	123.84	After	Left Exterior Girder	0	0.95	1	1	5.528052
SU5_serv	BOBJ1	55	123.84	After	Interior Girder 1	0	0.95	1	1	3.62925
SU5_serv	BOBJ1	55	123.84	After	Interior Girder 2	0	0.95	1	1	3.346657
SU5_serv	BOBJ1	55	123.84	After	Interior Girder 3	0	0.95	1	1	2.836674
SU5_serv	BOBJ1	55	123.84	After	Interior Girder 4	0	0.95	1	1	2.836674
SU5_serv	BOBJ1	55	123.84	After	Interior Girder 5	0	0.95	1	1	3.346657
SU5_serv	BOBJ1	55	123.84	After	Interior Girder 6	0	0.95	1	1	3.62925
SU5_serv	BOBJ1	55	123.84	After	Right Exterior Girder	0	0.95	1	1	5.528052
SU5_serv	BOBJ1	56	129.34	Before	Interior Girder 1	5.5	0.95	1	1	5.444797
SU5_serv	BOBJ1	56	129.34	Before	Interior Girder 2	5.5	0.95	1	1	5.089196
SU5_serv	BOBJ1	56	129.34	Before	Interior Girder 3	5.5	0.95	1	1	4.898883
SU5_serv	BOBJ1	56	129.34	Before	Interior Girder 4	5.5	0.95	1	1	4.898883
SU5_serv	BOBJ1	56	129.34	Before	Interior Girder 5	5.5	0.95	1	1	5.089196
SU5_serv	BOBJ1	56	129.34	Before	Interior Girder 6	5.5	0.95	1	1	5.444797
SU5_serv	BOBJ1	57	129.34	After	Interior Girder 1	5.5	0.95	1	1	3.703605
SU5_serv	BOBJ1	57	129.34	After	Interior Girder 2	5.5	0.95	1	1	3.4777
SU5_serv	BOBJ1	57	129.34	After	Interior Girder 3	5.5	0.95	1	1	3.320838
SU5_serv	BOBJ1	57	129.34	After	Interior Girder 4	5.5	0.95	1	1	3.320838
SU5_serv	BOBJ1	57	129.34	After	Interior Girder 5	5.5	0.95	1	1	3.4777
SU5_serv	BOBJ1	57	129.34	After	Interior Girder 6	5.5	0.95	1	1	3.703605
SU5_serv	BOBJ1	58	130.79	Before	Left Exterior Girder	6.95	0.95	1	1	7.953536
SU5_serv	BOBJ1	58	130.79	Before	Interior Girder 1	6.95	0.95	1	1	4.033718
SU5_serv	BOBJ1	58	130.79	Before	Interior Girder 2	6.95	0.95	1	1	3.759369
SU5_serv	BOBJ1	58	130.79	Before	Interior Girder 3	6.95	0.95	1	1	3.666402
SU5_serv	BOBJ1	58	130.79	Before	Interior Girder 4	6.95	0.95	1	1	3.666402
SU5_serv	BOBJ1	58	130.79	Before	Interior Girder 5	6.95	0.95	1	1	3.759369
SU5_serv	BOBJ1	58	130.79	Before	Interior Girder 6	6.95	0.95	1	1	4.033718
SU5_serv	BOBJ1	58	130.79	Before	Right Exterior Girder	6.95	0.95	1	1	7.953536
SU5_serv	BOBJ1	59	130.79	After	Left Exterior Girder	6.95	0.95	1	1	8.021683
SU5_serv	BOBJ1	59	130.79	After	Interior Girder 1	6.95	0.95	1	1	4.013813
SU5_serv	BOBJ1	59	130.79	After	Interior Girder 2	6.95	0.95	1	1	3.789861
SU5_serv	BOBJ1	59	130.79	After	Interior Girder 3	6.95	0.95	1	1	3.688857
SU5_serv	BOBJ1	59	130.79	After	Interior Girder 4	6.95	0.95	1	1	3.688857
SU5_serv	BOBJ1	59	130.79	After	Interior Girder 5	6.95	0.95	1	1	3.789861
SU5_serv	BOBJ1	59	130.79	After	Interior Girder 6	6.95	0.95	1	1	4.013813
SU5_serv	BOBJ1	59	130.79	After	Right Exterior Girder	6.95	0.95	1	1	8.021683
SU5_serv	BOBJ1	60	132.34	Before	Left Exterior Girder	8.5	0.95	1	1	8.60033
SU5_serv	BOBJ1	60	132.34	Before	Right Exterior Girder	8.5	0.95	1	1	8.60033
SU5_serv	BOBJ1	61	132.34	After	Left Exterior Girder	8.5	0.95	1	1	4.021878
SU5_serv	BOBJ1	61	132.34	After	Right Exterior Girder	8.5	0.95	1	1	4.021878
SU5_serv	BOBJ1	62	137.74	Before	Left Exterior Girder	13.9	0.95	1	1	5.538548
SU5_serv	BOBJ1	62	137.74	Before	Interior Girder 1	13.9	0.95	1	1	5.601349
SU5_serv	BOBJ1	62	137.74	Before	Interior Girder 2	13.9	0.95	1	1	5.389008
SU5_serv	BOBJ1	62	137.74	Before	Interior Girder 3	13.9	0.95	1	1	5.510038
SU5_serv	BOBJ1	62	137.74	Before	Interior Girder 4	13.9	0.95	1	1	5.510038
SU5_serv	BOBJ1	62	137.74	Before	Interior Girder 5	13.9	0.95	1	1	5.389008
SU5_serv	BOBJ1	62	137.74	Before	Interior Girder 6	13.9	0.95	1	1	5.601349
SU5_serv	BOBJ1	62	137.74	Before	Right Exterior Girder	13.9	0.95	1	1	5.538548
SU5_serv	BOBJ1	63	137.74	After	Left Exterior Girder	13.9	0.95	1	1	5.500211
SU5_serv	BOBJ1	63	137.74	After	Interior Girder 1	13.9	0.95	1	1	5.631044
SU5_serv	BOBJ1	63	137.74	After	Interior Girder 2	13.9	0.95	1	1	5.430383
SU5_serv	BOBJ1	63	137.74	After	Interior Girder 3	13.9	0.95	1	1	5.622871
SU5_serv	BOBJ1	63	137.74	After	Interior Girder 4	13.9	0.95	1	1	5.622871
SU5_serv	BOBJ1	63	137.74	After	Interior Girder 5	13.9	0.95	1	1	5.430383
SU5_serv	BOBJ1	63	137.74	After	Interior Girder 6	13.9	0.95	1	1	5.631044
SU5_serv	BOBJ1	63	137.74	After	Right Exterior Girder	13.9	0.95	1	1	5.500211
SU5_serv	BOBJ1	64	143.7733	Before	Left Exterior Girder	19.9333	0.95	1	1	5.343856
SU5_serv	BOBJ1	64	143.7733	Before	Interior Girder 1	19.9333	0.95	1	1	3.909986
SU5_serv	BOBJ1	64	143.7733	Before	Interior Girder 2	19.9333	0.95	1	1	3.659302
SU5_serv	BOBJ1	64	143.7733	Before	Interior Girder 3	19.9333	0.95	1	1	3.543988
SU5_serv	BOBJ1	64	143.7733	Before	Interior Girder 4	19.9333	0.95	1	1	3.543988
SU5_serv	BOBJ1	64	143.7733	Before	Interior Girder 5	19.9333	0.95	1	1	3.659302
SU5_serv	BOBJ1	64	143.7733	Before	Interior Girder 6	19.9333	0.95	1	1	3.909986
SU5_serv	BOBJ1	64	143.7733	Before	Right Exterior Girder	19.9333	0.95	1	1	5.343856
SU5_serv	BOBJ1	65	143.7733	After	Left Exterior Girder	19.9333	0.95	1	1	5.428852
SU5_serv	BOBJ1	65	143.7733	After	Interior Girder 1	19.9333	0.95	1	1	3.869208
SU5_serv	BOBJ1	65	143.7733	After	Interior Girder 2	19.9333	0.95	1	1	3.655501
SU5_serv	BOBJ1	65	143.7733	After	Interior Girder 3	19.9333	0.95	1	1	3.578887
SU5_serv	BOBJ1	65	143.7733	After	Interior Girder 4	19.9333	0.95	1	1	3.578887
SU5_serv	BOBJ1	65	143.7733	After	Interior Girder 5	19.9333	0.95	1	1	3.655501
SU5_serv	BOBJ1	65	143.7733	After	Interior Girder 6	19.9333	0.95	1	1	3.869208
SU5_serv	BOBJ1	65	143.7733	After	Right Exterior Girder	19.9333	0.95	1	1	5.428852

TABLE: Bridge Super Rating AASHTORATE18 31 - SteelICompServ-Flx - Approach, Span 12-15										
Request	BridgeObj	BridgeCut	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	Unitless	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
SU5_serv	BOBJ1	66	149.8067	Before	Left Exterior Girder	25.9667	0.95	1	1	3.941671
SU5_serv	BOBJ1	66	149.8067	Before	Interior Girder 1	25.9667	0.95	1	1	3.10401
SU5_serv	BOBJ1	66	149.8067	Before	Interior Girder 2	25.9667	0.95	1	1	2.945636
SU5_serv	BOBJ1	66	149.8067	Before	Interior Girder 3	25.9667	0.95	1	1	2.876434
SU5_serv	BOBJ1	66	149.8067	Before	Interior Girder 4	25.9667	0.95	1	1	2.876434
SU5_serv	BOBJ1	66	149.8067	Before	Interior Girder 5	25.9667	0.95	1	1	2.945636
SU5_serv	BOBJ1	66	149.8067	Before	Interior Girder 6	25.9667	0.95	1	1	3.10401
SU5_serv	BOBJ1	66	149.8067	Before	Right Exterior Girder	25.9667	0.95	1	1	3.941671
SU5_serv	BOBJ1	67	149.8067	After	Left Exterior Girder	25.9667	0.95	1	1	3.939764
SU5_serv	BOBJ1	67	149.8067	After	Interior Girder 1	25.9667	0.95	1	1	3.108437
SU5_serv	BOBJ1	67	149.8067	After	Interior Girder 2	25.9667	0.95	1	1	2.96305
SU5_serv	BOBJ1	67	149.8067	After	Interior Girder 3	25.9667	0.95	1	1	2.904152
SU5_serv	BOBJ1	67	149.8067	After	Interior Girder 4	25.9667	0.95	1	1	2.904152
SU5_serv	BOBJ1	67	149.8067	After	Interior Girder 5	25.9667	0.95	1	1	2.96305
SU5_serv	BOBJ1	67	149.8067	After	Interior Girder 6	25.9667	0.95	1	1	3.108437
SU5_serv	BOBJ1	67	149.8067	After	Right Exterior Girder	25.9667	0.95	1	1	3.939764
SU5_serv	BOBJ1	68	155.84	Before	Left Exterior Girder	32	0.95	1	1	3.341128
SU5_serv	BOBJ1	68	155.84	Before	Interior Girder 1	32	0.95	1	1	2.97876
SU5_serv	BOBJ1	68	155.84	Before	Interior Girder 2	32	0.95	1	1	2.83101
SU5_serv	BOBJ1	68	155.84	Before	Interior Girder 3	32	0.95	1	1	2.786748
SU5_serv	BOBJ1	68	155.84	Before	Interior Girder 4	32	0.95	1	1	2.786748
SU5_serv	BOBJ1	68	155.84	Before	Interior Girder 5	32	0.95	1	1	2.83101
SU5_serv	BOBJ1	68	155.84	Before	Interior Girder 6	32	0.95	1	1	2.97876
SU5_serv	BOBJ1	68	155.84	Before	Right Exterior Girder	32	0.95	1	1	3.341128
SU5_serv	BOBJ1	69	155.84	After	Left Exterior Girder	32	0.95	1	1	3.3583
SU5_serv	BOBJ1	69	155.84	After	Interior Girder 1	32	0.95	1	1	2.969176
SU5_serv	BOBJ1	69	155.84	After	Interior Girder 2	32	0.95	1	1	2.826612
SU5_serv	BOBJ1	69	155.84	After	Interior Girder 3	32	0.95	1	1	2.786031
SU5_serv	BOBJ1	69	155.84	After	Interior Girder 4	32	0.95	1	1	2.786031
SU5_serv	BOBJ1	69	155.84	After	Interior Girder 5	32	0.95	1	1	2.826612
SU5_serv	BOBJ1	69	155.84	After	Interior Girder 6	32	0.95	1	1	2.969176
SU5_serv	BOBJ1	69	155.84	After	Right Exterior Girder	32	0.95	1	1	3.3583
SU5_serv	BOBJ1	70	161.8733	Before	Left Exterior Girder	38.0333	0.95	1	1	3.600799
SU5_serv	BOBJ1	70	161.8733	Before	Interior Girder 1	38.0333	0.95	1	1	2.911007
SU5_serv	BOBJ1	70	161.8733	Before	Interior Girder 2	38.0333	0.95	1	1	2.776165
SU5_serv	BOBJ1	70	161.8733	Before	Interior Girder 3	38.0333	0.95	1	1	2.715432
SU5_serv	BOBJ1	70	161.8733	Before	Interior Girder 4	38.0333	0.95	1	1	2.715432
SU5_serv	BOBJ1	70	161.8733	Before	Interior Girder 5	38.0333	0.95	1	1	2.776165
SU5_serv	BOBJ1	70	161.8733	Before	Interior Girder 6	38.0333	0.95	1	1	2.911007
SU5_serv	BOBJ1	70	161.8733	Before	Right Exterior Girder	38.0333	0.95	1	1	3.600799
SU5_serv	BOBJ1	71	161.8733	After	Left Exterior Girder	38.0333	0.95	1	1	3.611568
SU5_serv	BOBJ1	71	161.8733	After	Interior Girder 1	38.0333	0.95	1	1	2.898237
SU5_serv	BOBJ1	71	161.8733	After	Interior Girder 2	38.0333	0.95	1	1	2.760946
SU5_serv	BOBJ1	71	161.8733	After	Interior Girder 3	38.0333	0.95	1	1	2.69765
SU5_serv	BOBJ1	71	161.8733	After	Interior Girder 4	38.0333	0.95	1	1	2.69765
SU5_serv	BOBJ1	71	161.8733	After	Interior Girder 5	38.0333	0.95	1	1	2.760946
SU5_serv	BOBJ1	71	161.8733	After	Interior Girder 6	38.0333	0.95	1	1	2.898237
SU5_serv	BOBJ1	71	161.8733	After	Right Exterior Girder	38.0333	0.95	1	1	3.611568
SU5_serv	BOBJ1	72	167.9067	Before	Left Exterior Girder	44.0667	0.95	1	1	4.412618
SU5_serv	BOBJ1	72	167.9067	Before	Interior Girder 1	44.0667	0.95	1	1	3.34236
SU5_serv	BOBJ1	72	167.9067	Before	Interior Girder 2	44.0667	0.95	1	1	3.157428
SU5_serv	BOBJ1	72	167.9067	Before	Interior Girder 3	44.0667	0.95	1	1	3.09235
SU5_serv	BOBJ1	72	167.9067	Before	Interior Girder 4	44.0667	0.95	1	1	3.09235
SU5_serv	BOBJ1	72	167.9067	Before	Interior Girder 5	44.0667	0.95	1	1	3.157428
SU5_serv	BOBJ1	72	167.9067	Before	Interior Girder 6	44.0667	0.95	1	1	3.34236
SU5_serv	BOBJ1	72	167.9067	Before	Right Exterior Girder	44.0667	0.95	1	1	4.412618
SU5_serv	BOBJ1	73	167.9067	After	Left Exterior Girder	44.0667	0.95	1	1	4.350085
SU5_serv	BOBJ1	73	167.9067	After	Interior Girder 1	44.0667	0.95	1	1	3.372244
SU5_serv	BOBJ1	73	167.9067	After	Interior Girder 2	44.0667	0.95	1	1	3.168859
SU5_serv	BOBJ1	73	167.9067	After	Interior Girder 3	44.0667	0.95	1	1	3.073682
SU5_serv	BOBJ1	73	167.9067	After	Interior Girder 4	44.0667	0.95	1	1	3.073682
SU5_serv	BOBJ1	73	167.9067	After	Interior Girder 5	44.0667	0.95	1	1	3.168859
SU5_serv	BOBJ1	73	167.9067	After	Interior Girder 6	44.0667	0.95	1	1	3.372244
SU5_serv	BOBJ1	73	167.9067	After	Right Exterior Girder	44.0667	0.95	1	1	4.350085
SU5_serv	BOBJ1	74	173.94	Before	Left Exterior Girder	50.1	0.95	1	1	6.173594
SU5_serv	BOBJ1	74	173.94	Before	Interior Girder 1	50.1	0.95	1	1	4.794862
SU5_serv	BOBJ1	74	173.94	Before	Interior Girder 2	50.1	0.95	1	1	4.382133
SU5_serv	BOBJ1	74	173.94	Before	Interior Girder 3	50.1	0.95	1	1	4.296042
SU5_serv	BOBJ1	74	173.94	Before	Interior Girder 4	50.1	0.95	1	1	4.296042
SU5_serv	BOBJ1	74	173.94	Before	Interior Girder 5	50.1	0.95	1	1	4.382133
SU5_serv	BOBJ1	74	173.94	Before	Interior Girder 6	50.1	0.95	1	1	4.794862
SU5_serv	BOBJ1	74	173.94	Before	Right Exterior Girder	50.1	0.95	1	1	6.173594
SU5_serv	BOBJ1	75	173.94	After	Left Exterior Girder	50.1	0.95	1	1	6.128569

TABLE: Bridge Super Rating AASHTORATE18 31 - SteelICompServ-Flx - Approach, Span 12-15										
Request	BridgeObj	BridgeCut	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	Unitless	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
SU5_serv	BOBJ1	75	173.94	After	Interior Girder 1	50.1	0.95	1	1	4.806904
SU5_serv	BOBJ1	75	173.94	After	Interior Girder 2	50.1	0.95	1	1	4.357833
SU5_serv	BOBJ1	75	173.94	After	Interior Girder 3	50.1	0.95	1	1	4.221016
SU5_serv	BOBJ1	75	173.94	After	Interior Girder 4	50.1	0.95	1	1	4.221016
SU5_serv	BOBJ1	75	173.94	After	Interior Girder 5	50.1	0.95	1	1	4.357833
SU5_serv	BOBJ1	75	173.94	After	Interior Girder 6	50.1	0.95	1	1	4.806904
SU5_serv	BOBJ1	75	173.94	After	Right Exterior Girder	50.1	0.95	1	1	6.128569
SU5_serv	BOBJ1	76	179.98	Before	Left Exterior Girder	56.14	0.95	1	1	6.273828
SU5_serv	BOBJ1	76	179.98	Before	Interior Girder 1	56.14	0.95	1	1	6.305513
SU5_serv	BOBJ1	76	179.98	Before	Interior Girder 2	56.14	0.95	1	1	5.946284
SU5_serv	BOBJ1	76	179.98	Before	Interior Girder 3	56.14	0.95	1	1	5.921027
SU5_serv	BOBJ1	76	179.98	Before	Interior Girder 4	56.14	0.95	1	1	5.921027
SU5_serv	BOBJ1	76	179.98	Before	Interior Girder 5	56.14	0.95	1	1	5.946284
SU5_serv	BOBJ1	76	179.98	Before	Interior Girder 6	56.14	0.95	1	1	6.305513
SU5_serv	BOBJ1	76	179.98	Before	Right Exterior Girder	56.14	0.95	1	1	6.273828
SU5_serv	BOBJ1	77	179.98	After	Left Exterior Girder	56.14	0.95	1	1	6.323898
SU5_serv	BOBJ1	77	179.98	After	Interior Girder 1	56.14	0.95	1	1	6.264382
SU5_serv	BOBJ1	77	179.98	After	Interior Girder 2	56.14	0.95	1	1	5.853737
SU5_serv	BOBJ1	77	179.98	After	Interior Girder 3	56.14	0.95	1	1	5.842468
SU5_serv	BOBJ1	77	179.98	After	Interior Girder 4	56.14	0.95	1	1	5.842468
SU5_serv	BOBJ1	77	179.98	After	Interior Girder 5	56.14	0.95	1	1	5.853737
SU5_serv	BOBJ1	77	179.98	After	Interior Girder 6	56.14	0.95	1	1	6.264382
SU5_serv	BOBJ1	77	179.98	After	Right Exterior Girder	56.14	0.95	1	1	6.323898
SU5_serv	BOBJ1	78	183.56	Before	Left Exterior Girder	59.72	0.95	1	1	5.08622
SU5_serv	BOBJ1	78	183.56	Before	Right Exterior Girder	59.72	0.95	1	1	5.08622
SU5_serv	BOBJ1	79	183.56	After	Left Exterior Girder	59.72	0.95	1	1	11.542584
SU5_serv	BOBJ1	79	183.56	After	Right Exterior Girder	59.72	0.95	1	1	11.542584
SU5_serv	BOBJ1	80	186.02	Before	Left Exterior Girder	62.18	0.95	1	1	10.43754
SU5_serv	BOBJ1	80	186.02	Before	Interior Girder 1	62.22	0.95	1	1	4.567321
SU5_serv	BOBJ1	80	186.02	Before	Interior Girder 2	62.22	0.95	1	1	4.292479
SU5_serv	BOBJ1	80	186.02	Before	Interior Girder 3	62.22	0.95	1	1	3.988725
SU5_serv	BOBJ1	80	186.02	Before	Interior Girder 4	62.22	0.95	1	1	3.988725
SU5_serv	BOBJ1	80	186.02	Before	Interior Girder 5	62.22	0.95	1	1	4.292479
SU5_serv	BOBJ1	80	186.02	Before	Interior Girder 6	62.22	0.95	1	1	4.567321
SU5_serv	BOBJ1	80	186.02	Before	Right Exterior Girder	62.18	0.95	1	1	10.43754
SU5_serv	BOBJ1	81	186.02	After	Left Exterior Girder	62.18	0.95	1	1	10.478411
SU5_serv	BOBJ1	81	186.02	After	Interior Girder 1	62.22	0.95	1	1	7.169515
SU5_serv	BOBJ1	81	186.02	After	Interior Girder 2	62.22	0.95	1	1	6.55021
SU5_serv	BOBJ1	81	186.02	After	Interior Girder 3	62.22	0.95	1	1	6.146326
SU5_serv	BOBJ1	81	186.02	After	Interior Girder 4	62.22	0.95	1	1	6.146326
SU5_serv	BOBJ1	81	186.02	After	Interior Girder 5	62.22	0.95	1	1	6.55021
SU5_serv	BOBJ1	81	186.02	After	Interior Girder 6	62.22	0.95	1	1	7.169515
SU5_serv	BOBJ1	81	186.02	After	Right Exterior Girder	62.18	0.95	1	1	10.478411
SU5_serv	BOBJ1	82	192.06	Before	Left Exterior Girder	68.22	0.95	1	1	5.529424
SU5_serv	BOBJ1	82	192.06	Before	Interior Girder 1	68.22	0.95	1	1	3.570454
SU5_serv	BOBJ1	82	192.06	Before	Interior Girder 2	68.22	0.95	1	1	3.347301
SU5_serv	BOBJ1	82	192.06	Before	Interior Girder 3	68.22	0.95	1	1	2.896021
SU5_serv	BOBJ1	82	192.06	Before	Interior Girder 4	68.22	0.95	1	1	2.896021
SU5_serv	BOBJ1	82	192.06	Before	Interior Girder 5	68.22	0.95	1	1	3.347301
SU5_serv	BOBJ1	82	192.06	Before	Interior Girder 6	68.22	0.95	1	1	3.570454
SU5_serv	BOBJ1	82	192.06	Before	Right Exterior Girder	68.22	0.95	1	1	5.529424
SU5_serv	BOBJ1	83	192.06	After	Left Exterior Girder	0	0.95	1	1	5.327711
SU5_serv	BOBJ1	83	192.06	After	Interior Girder 1	0	0.95	1	1	4.096814
SU5_serv	BOBJ1	83	192.06	After	Interior Girder 2	0	0.95	1	1	3.679674
SU5_serv	BOBJ1	83	192.06	After	Interior Girder 3	0	0.95	1	1	3.21034
SU5_serv	BOBJ1	83	192.06	After	Interior Girder 4	0	0.95	1	1	3.21034
SU5_serv	BOBJ1	83	192.06	After	Interior Girder 5	0	0.95	1	1	3.679674
SU5_serv	BOBJ1	83	192.06	After	Interior Girder 6	0	0.95	1	1	4.096814
SU5_serv	BOBJ1	83	192.06	After	Right Exterior Girder	0	0.95	1	1	5.327711
SU5_serv	BOBJ1	84	197.087	Before	Interior Girder 1	5.027	0.95	1	1	5.100071
SU5_serv	BOBJ1	84	197.087	Before	Interior Girder 2	5.027	0.95	1	1	4.74987
SU5_serv	BOBJ1	84	197.087	Before	Interior Girder 3	5.027	0.95	1	1	4.670305
SU5_serv	BOBJ1	84	197.087	Before	Interior Girder 4	5.027	0.95	1	1	4.670305
SU5_serv	BOBJ1	84	197.087	Before	Interior Girder 5	5.027	0.95	1	1	4.74987
SU5_serv	BOBJ1	84	197.087	Before	Interior Girder 6	5.027	0.95	1	1	5.100071
SU5_serv	BOBJ1	85	197.087	After	Interior Girder 1	5.027	0.95	1	1	3.241325
SU5_serv	BOBJ1	85	197.087	After	Interior Girder 2	5.027	0.95	1	1	3.031736
SU5_serv	BOBJ1	85	197.087	After	Interior Girder 3	5.027	0.95	1	1	2.964546
SU5_serv	BOBJ1	85	197.087	After	Interior Girder 4	5.027	0.95	1	1	2.964546
SU5_serv	BOBJ1	85	197.087	After	Interior Girder 5	5.027	0.95	1	1	3.031736
SU5_serv	BOBJ1	85	197.087	After	Interior Girder 6	5.027	0.95	1	1	3.241325
SU5_serv	BOBJ1	86	197.91	Before	Left Exterior Girder	5.85	0.95	1	1	7.074583
SU5_serv	BOBJ1	86	197.91	Before	Interior Girder 1	5.85	0.95	1	1	3.40337

TABLE: Bridge Super Rating AASHTORATE18 31 - SteelICompServ-Flx - Approach, Span 12-15										
Request	BridgeObj	BridgeCut	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	Unitless	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
SU5_serv	BOBJ1	86	197.91	Before	Interior Girder 2	5.85	0.95	1	1	3.162942
SU5_serv	BOBJ1	86	197.91	Before	Interior Girder 3	5.85	0.95	1	1	3.143433
SU5_serv	BOBJ1	86	197.91	Before	Interior Girder 4	5.85	0.95	1	1	3.143433
SU5_serv	BOBJ1	86	197.91	Before	Interior Girder 5	5.85	0.95	1	1	3.162942
SU5_serv	BOBJ1	86	197.91	Before	Interior Girder 6	5.85	0.95	1	1	3.40337
SU5_serv	BOBJ1	86	197.91	Before	Right Exterior Girder	5.85	0.95	1	1	7.074583
SU5_serv	BOBJ1	87	197.91	After	Left Exterior Girder	5.85	0.95	1	1	7.117285
SU5_serv	BOBJ1	87	197.91	After	Interior Girder 1	5.85	0.95	1	1	3.403225
SU5_serv	BOBJ1	87	197.91	After	Interior Girder 2	5.85	0.95	1	1	3.185632
SU5_serv	BOBJ1	87	197.91	After	Interior Girder 3	5.85	0.95	1	1	3.146497
SU5_serv	BOBJ1	87	197.91	After	Interior Girder 4	5.85	0.95	1	1	3.146497
SU5_serv	BOBJ1	87	197.91	After	Interior Girder 5	5.85	0.95	1	1	3.185632
SU5_serv	BOBJ1	87	197.91	After	Interior Girder 6	5.85	0.95	1	1	3.403225
SU5_serv	BOBJ1	87	197.91	After	Right Exterior Girder	5.85	0.95	1	1	7.117285
SU5_serv	BOBJ1	88	199.1816	Before	Left Exterior Girder	7.1216	0.95	1	1	7.514078
SU5_serv	BOBJ1	88	199.1816	Before	Right Exterior Girder	7.1216	0.95	1	1	7.514078
SU5_serv	BOBJ1	89	199.1816	After	Left Exterior Girder	7.1216	0.95	1	1	3.238033
SU5_serv	BOBJ1	89	199.1816	After	Right Exterior Girder	7.1216	0.95	1	1	3.238033
SU5_serv	BOBJ1	90	203.5267	Before	Left Exterior Girder	11.3107	0.95	1	1	4.273202
SU5_serv	BOBJ1	90	203.5267	Before	Interior Girder 1	11.3107	0.95	1	1	4.511188
SU5_serv	BOBJ1	90	203.5267	Before	Interior Girder 2	11.3107	0.95	1	1	4.245701
SU5_serv	BOBJ1	90	203.5267	Before	Interior Girder 3	11.3107	0.95	1	1	4.377183
SU5_serv	BOBJ1	90	203.5267	Before	Interior Girder 4	11.3107	0.95	1	1	4.377183
SU5_serv	BOBJ1	90	203.5267	Before	Interior Girder 5	11.3107	0.95	1	1	4.245701
SU5_serv	BOBJ1	90	203.5267	Before	Interior Girder 6	11.3107	0.95	1	1	4.511188
SU5_serv	BOBJ1	90	203.5267	Before	Right Exterior Girder	11.3107	0.95	1	1	4.273202
SU5_serv	BOBJ1	91	203.5267	After	Left Exterior Girder	11.3107	0.95	1	1	6.816505
SU5_serv	BOBJ1	91	203.5267	After	Interior Girder 1	11.3107	0.95	1	1	7.088479
SU5_serv	BOBJ1	91	203.5267	After	Interior Girder 2	11.3107	0.95	1	1	6.75006
SU5_serv	BOBJ1	91	203.5267	After	Interior Girder 3	11.3107	0.95	1	1	6.913643
SU5_serv	BOBJ1	91	203.5267	After	Interior Girder 4	11.3107	0.95	1	1	6.913643
SU5_serv	BOBJ1	91	203.5267	After	Interior Girder 5	11.3107	0.95	1	1	6.75006
SU5_serv	BOBJ1	91	203.5267	After	Interior Girder 6	11.3107	0.95	1	1	7.088479
SU5_serv	BOBJ1	91	203.5267	After	Right Exterior Girder	11.3107	0.95	1	1	6.816505
SU5_serv	BOBJ1	92	209.1433	Before	Left Exterior Girder	17.0833	0.95	1	1	7.255371
SU5_serv	BOBJ1	92	209.1433	Before	Interior Girder 1	17.0833	0.95	1	1	5.680595
SU5_serv	BOBJ1	92	209.1433	Before	Interior Girder 2	17.0833	0.95	1	1	5.278673
SU5_serv	BOBJ1	92	209.1433	Before	Interior Girder 3	17.0833	0.95	1	1	5.134529
SU5_serv	BOBJ1	92	209.1433	Before	Interior Girder 4	17.0833	0.95	1	1	5.134529
SU5_serv	BOBJ1	92	209.1433	Before	Interior Girder 5	17.0833	0.95	1	1	5.278673
SU5_serv	BOBJ1	92	209.1433	Before	Interior Girder 6	17.0833	0.95	1	1	5.680595
SU5_serv	BOBJ1	92	209.1433	Before	Right Exterior Girder	17.0833	0.95	1	1	7.255371
SU5_serv	BOBJ1	93	209.1433	After	Left Exterior Girder	17.0833	0.95	1	1	7.144942
SU5_serv	BOBJ1	93	209.1433	After	Interior Girder 1	17.0833	0.95	1	1	5.707381
SU5_serv	BOBJ1	93	209.1433	After	Interior Girder 2	17.0833	0.95	1	1	5.340666
SU5_serv	BOBJ1	93	209.1433	After	Interior Girder 3	17.0833	0.95	1	1	5.223189
SU5_serv	BOBJ1	93	209.1433	After	Interior Girder 4	17.0833	0.95	1	1	5.223189
SU5_serv	BOBJ1	93	209.1433	After	Interior Girder 5	17.0833	0.95	1	1	5.340666
SU5_serv	BOBJ1	93	209.1433	After	Interior Girder 6	17.0833	0.95	1	1	5.707381
SU5_serv	BOBJ1	93	209.1433	After	Right Exterior Girder	17.0833	0.95	1	1	7.144942
SU5_serv	BOBJ1	94	214.76	Before	Left Exterior Girder	22.7	0.95	1	1	5.394312
SU5_serv	BOBJ1	94	214.76	Before	Interior Girder 1	22.7	0.95	1	1	4.565879
SU5_serv	BOBJ1	94	214.76	Before	Interior Girder 2	22.7	0.95	1	1	4.254915
SU5_serv	BOBJ1	94	214.76	Before	Interior Girder 3	22.7	0.95	1	1	4.165727
SU5_serv	BOBJ1	94	214.76	Before	Interior Girder 4	22.7	0.95	1	1	4.165727
SU5_serv	BOBJ1	94	214.76	Before	Interior Girder 5	22.7	0.95	1	1	4.254915
SU5_serv	BOBJ1	94	214.76	Before	Interior Girder 6	22.7	0.95	1	1	4.565879
SU5_serv	BOBJ1	94	214.76	Before	Right Exterior Girder	22.7	0.95	1	1	5.394312
SU5_serv	BOBJ1	95	214.76	After	Left Exterior Girder	22.7	0.95	1	1	5.398484
SU5_serv	BOBJ1	95	214.76	After	Interior Girder 1	22.7	0.95	1	1	4.548606
SU5_serv	BOBJ1	95	214.76	After	Interior Girder 2	22.7	0.95	1	1	4.265306
SU5_serv	BOBJ1	95	214.76	After	Interior Girder 3	22.7	0.95	1	1	4.190397
SU5_serv	BOBJ1	95	214.76	After	Interior Girder 4	22.7	0.95	1	1	4.190397
SU5_serv	BOBJ1	95	214.76	After	Interior Girder 5	22.7	0.95	1	1	4.265306
SU5_serv	BOBJ1	95	214.76	After	Interior Girder 6	22.7	0.95	1	1	4.548606
SU5_serv	BOBJ1	95	214.76	After	Right Exterior Girder	22.7	0.95	1	1	5.398484
SU5_serv	BOBJ1	96	220.3767	Before	Left Exterior Girder	28.3167	0.95	1	1	5.000564
SU5_serv	BOBJ1	96	220.3767	Before	Interior Girder 1	28.3167	0.95	1	1	3.887346
SU5_serv	BOBJ1	96	220.3767	Before	Interior Girder 2	28.3167	0.95	1	1	3.674477
SU5_serv	BOBJ1	96	220.3767	Before	Interior Girder 3	28.3167	0.95	1	1	3.571488
SU5_serv	BOBJ1	96	220.3767	Before	Interior Girder 4	28.3167	0.95	1	1	3.571488
SU5_serv	BOBJ1	96	220.3767	Before	Interior Girder 5	28.3167	0.95	1	1	3.674477
SU5_serv	BOBJ1	96	220.3767	Before	Interior Girder 6	28.3167	0.95	1	1	3.887346

TABLE: Bridge Super Rating AASHTORATE18 31 - SteelICompServ-Flx - Approach, Span 12-15										
Request	BridgeObj	BridgeCut	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	Unitless	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
SU5_serv	BOBJ1	96	220.3767	Before	Right Exterior Girder	28.3167	0.95	1	1	5.000564
SU5_serv	BOBJ1	97	220.3767	After	Left Exterior Girder	28.3167	0.95	1	1	5.038057
SU5_serv	BOBJ1	97	220.3767	After	Interior Girder 1	28.3167	0.95	1	1	3.874981
SU5_serv	BOBJ1	97	220.3767	After	Interior Girder 2	28.3167	0.95	1	1	3.671264
SU5_serv	BOBJ1	97	220.3767	After	Interior Girder 3	28.3167	0.95	1	1	3.578666
SU5_serv	BOBJ1	97	220.3767	After	Interior Girder 4	28.3167	0.95	1	1	3.578666
SU5_serv	BOBJ1	97	220.3767	After	Interior Girder 5	28.3167	0.95	1	1	3.671264
SU5_serv	BOBJ1	97	220.3767	After	Interior Girder 6	28.3167	0.95	1	1	3.874981
SU5_serv	BOBJ1	97	220.3767	After	Right Exterior Girder	28.3167	0.95	1	1	5.038057
SU5_serv	BOBJ1	98	225.9933	Before	Left Exterior Girder	33.9333	0.95	1	1	4.824958
SU5_serv	BOBJ1	98	225.9933	Before	Interior Girder 1	33.9333	0.95	1	1	3.722151
SU5_serv	BOBJ1	98	225.9933	Before	Interior Girder 2	33.9333	0.95	1	1	3.534813
SU5_serv	BOBJ1	98	225.9933	Before	Interior Girder 3	33.9333	0.95	1	1	3.44307
SU5_serv	BOBJ1	98	225.9933	Before	Interior Girder 4	33.9333	0.95	1	1	3.44307
SU5_serv	BOBJ1	98	225.9933	Before	Interior Girder 5	33.9333	0.95	1	1	3.534813
SU5_serv	BOBJ1	98	225.9933	Before	Interior Girder 6	33.9333	0.95	1	1	3.722151
SU5_serv	BOBJ1	98	225.9933	Before	Right Exterior Girder	33.9333	0.95	1	1	4.824958
SU5_serv	BOBJ1	99	225.9933	After	Left Exterior Girder	33.9333	0.95	1	1	4.797649
SU5_serv	BOBJ1	99	225.9933	After	Interior Girder 1	33.9333	0.95	1	1	3.738328
SU5_serv	BOBJ1	99	225.9933	After	Interior Girder 2	33.9333	0.95	1	1	3.538043
SU5_serv	BOBJ1	99	225.9933	After	Interior Girder 3	33.9333	0.95	1	1	3.435685
SU5_serv	BOBJ1	99	225.9933	After	Interior Girder 4	33.9333	0.95	1	1	3.435685
SU5_serv	BOBJ1	99	225.9933	After	Interior Girder 5	33.9333	0.95	1	1	3.538043
SU5_serv	BOBJ1	99	225.9933	After	Interior Girder 6	33.9333	0.95	1	1	3.738328
SU5_serv	BOBJ1	99	225.9933	After	Right Exterior Girder	33.9333	0.95	1	1	4.797649
SU5_serv	BOBJ1	100	231.61	Before	Left Exterior Girder	39.55	0.95	1	1	5.096632
SU5_serv	BOBJ1	100	231.61	Before	Interior Girder 1	39.55	0.95	1	1	4.132344
SU5_serv	BOBJ1	100	231.61	Before	Interior Girder 2	39.55	0.95	1	1	3.89085
SU5_serv	BOBJ1	100	231.61	Before	Interior Girder 3	39.55	0.95	1	1	3.771402
SU5_serv	BOBJ1	100	231.61	Before	Interior Girder 4	39.55	0.95	1	1	3.771402
SU5_serv	BOBJ1	100	231.61	Before	Interior Girder 5	39.55	0.95	1	1	3.89085
SU5_serv	BOBJ1	100	231.61	Before	Interior Girder 6	39.55	0.95	1	1	4.132344
SU5_serv	BOBJ1	100	231.61	Before	Right Exterior Girder	39.55	0.95	1	1	5.096632
SU5_serv	BOBJ1	101	231.61	After	Left Exterior Girder	39.55	0.95	1	1	5.085223
SU5_serv	BOBJ1	101	231.61	After	Interior Girder 1	39.55	0.95	1	1	4.135754
SU5_serv	BOBJ1	101	231.61	After	Interior Girder 2	39.55	0.95	1	1	3.861132
SU5_serv	BOBJ1	101	231.61	After	Interior Girder 3	39.55	0.95	1	1	3.729983
SU5_serv	BOBJ1	101	231.61	After	Interior Girder 4	39.55	0.95	1	1	3.729983
SU5_serv	BOBJ1	101	231.61	After	Interior Girder 5	39.55	0.95	1	1	3.861132
SU5_serv	BOBJ1	101	231.61	After	Interior Girder 6	39.55	0.95	1	1	4.135754
SU5_serv	BOBJ1	101	231.61	After	Right Exterior Girder	39.55	0.95	1	1	5.085223
SU5_serv	BOBJ1	102	237.37	Before	Left Exterior Girder	45.31	0.95	1	1	6.826814
SU5_serv	BOBJ1	102	237.37	Before	Interior Girder 1	45.31	0.95	1	1	5.040369
SU5_serv	BOBJ1	102	237.37	Before	Interior Girder 2	45.31	0.95	1	1	4.749328
SU5_serv	BOBJ1	102	237.37	Before	Interior Girder 3	45.31	0.95	1	1	4.501418
SU5_serv	BOBJ1	102	237.37	Before	Interior Girder 4	45.31	0.95	1	1	4.501418
SU5_serv	BOBJ1	102	237.37	Before	Interior Girder 5	45.31	0.95	1	1	4.749328
SU5_serv	BOBJ1	102	237.37	Before	Interior Girder 6	45.31	0.95	1	1	5.040369
SU5_serv	BOBJ1	102	237.37	Before	Right Exterior Girder	45.31	0.95	1	1	6.826814
SU5_serv	BOBJ1	103	237.37	After	Left Exterior Girder	45.31	0.95	1	1	6.89829
SU5_serv	BOBJ1	103	237.37	After	Interior Girder 1	45.31	0.95	1	1	5.016453
SU5_serv	BOBJ1	103	237.37	After	Interior Girder 2	45.31	0.95	1	1	4.664478
SU5_serv	BOBJ1	103	237.37	After	Interior Girder 3	45.31	0.95	1	1	4.365446
SU5_serv	BOBJ1	103	237.37	After	Interior Girder 4	45.31	0.95	1	1	4.365446
SU5_serv	BOBJ1	103	237.37	After	Interior Girder 5	45.31	0.95	1	1	4.664478
SU5_serv	BOBJ1	103	237.37	After	Interior Girder 6	45.31	0.95	1	1	5.016453
SU5_serv	BOBJ1	103	237.37	After	Right Exterior Girder	45.31	0.95	1	1	6.89829
SU5_serv	BOBJ1	104	243.13	Before	Left Exterior Girder	51.07	0.95	1	1	12.336299
SU5_serv	BOBJ1	104	243.13	Before	Interior Girder 1	51.07	0.95	1	1	8.308469
SU5_serv	BOBJ1	104	243.13	Before	Interior Girder 2	51.07	0.95	1	1	7.844593
SU5_serv	BOBJ1	104	243.13	Before	Interior Girder 3	51.07	0.95	1	1	7.010191
SU5_serv	BOBJ1	104	243.13	Before	Interior Girder 4	51.07	0.95	1	1	7.010191
SU5_serv	BOBJ1	104	243.13	Before	Interior Girder 5	51.07	0.95	1	1	7.844593
SU5_serv	BOBJ1	104	243.13	Before	Interior Girder 6	51.07	0.95	1	1	8.308469
SU5_serv	BOBJ1	104	243.13	Before	Right Exterior Girder	51.07	0.95	1	1	12.336299
SU5_serv	BOBJ1	105	243.13	After	Left Exterior Girder	51.07	0.95	1	1	12.316965
SU5_serv	BOBJ1	105	243.13	After	Interior Girder 1	51.07	0.95	1	1	8.206458
SU5_serv	BOBJ1	105	243.13	After	Interior Girder 2	51.07	0.95	1	1	7.663096
SU5_serv	BOBJ1	105	243.13	After	Interior Girder 3	51.07	0.95	1	1	6.651204
SU5_serv	BOBJ1	105	243.13	After	Interior Girder 4	51.07	0.95	1	1	6.651204
SU5_serv	BOBJ1	105	243.13	After	Interior Girder 5	51.07	0.95	1	1	7.663096
SU5_serv	BOBJ1	105	243.13	After	Interior Girder 6	51.07	0.95	1	1	8.206458
SU5_serv	BOBJ1	105	243.13	After	Right Exterior Girder	51.07	0.95	1	1	12.316965

TABLE: Bridge Super Rating AASHTORATE18 31 - SteelICompServ-Flx - Approach, Span 12-15										
Request	BridgeObj	BridgeCut	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	Unitless	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
SU5_serv	BOBJ1	106	248.89	Before	Left Exterior Girder	56.83	0.95	1	1	533.231407
SU5_serv	BOBJ1	106	248.89	Before	Interior Girder 1	56.83	0.95	1	1	422.572556
SU5_serv	BOBJ1	106	248.89	Before	Interior Girder 2	56.83	0.95	1	1	263.797227
SU5_serv	BOBJ1	106	248.89	Before	Interior Girder 3	56.83	0.95	1	1	206.076286
SU5_serv	BOBJ1	106	248.89	Before	Interior Girder 4	56.83	0.95	1	1	206.076286
SU5_serv	BOBJ1	106	248.89	Before	Interior Girder 5	56.83	0.95	1	1	263.797227
SU5_serv	BOBJ1	106	248.89	Before	Interior Girder 6	56.83	0.95	1	1	422.572555
SU5_serv	BOBJ1	106	248.89	Before	Right Exterior Girder	56.83	0.95	1	1	533.231407
SU6_serv	BOBJ1	1	0	After	Left Exterior Girder	0	0.95	1	1	332.659352
SU6_serv	BOBJ1	1	0	After	Interior Girder 1	0	0.95	1	1	232.736982
SU6_serv	BOBJ1	1	0	After	Interior Girder 2	0	0.95	1	1	167.890121
SU6_serv	BOBJ1	1	0	After	Interior Girder 3	0	0.95	1	1	136.620569
SU6_serv	BOBJ1	1	0	After	Interior Girder 4	0	0.95	1	1	136.620569
SU6_serv	BOBJ1	1	0	After	Interior Girder 5	0	0.95	1	1	167.89012
SU6_serv	BOBJ1	1	0	After	Interior Girder 6	0	0.95	1	1	232.736982
SU6_serv	BOBJ1	1	0	After	Right Exterior Girder	0	0.95	1	1	332.659352
SU6_serv	BOBJ1	2	5.85	Before	Left Exterior Girder	5.85	0.95	1	1	9.448529
SU6_serv	BOBJ1	2	5.85	Before	Interior Girder 1	5.85	0.95	1	1	6.83206
SU6_serv	BOBJ1	2	5.85	Before	Interior Girder 2	5.85	0.95	1	1	6.270324
SU6_serv	BOBJ1	2	5.85	Before	Interior Girder 3	5.85	0.95	1	1	5.579779
SU6_serv	BOBJ1	2	5.85	Before	Interior Girder 4	5.85	0.95	1	1	5.579779
SU6_serv	BOBJ1	2	5.85	Before	Interior Girder 5	5.85	0.95	1	1	6.270324
SU6_serv	BOBJ1	2	5.85	Before	Interior Girder 6	5.85	0.95	1	1	6.83206
SU6_serv	BOBJ1	2	5.85	Before	Right Exterior Girder	5.85	0.95	1	1	9.448529
SU6_serv	BOBJ1	3	5.85	After	Left Exterior Girder	5.85	0.95	1	1	9.418699
SU6_serv	BOBJ1	3	5.85	After	Interior Girder 1	5.85	0.95	1	1	6.858375
SU6_serv	BOBJ1	3	5.85	After	Interior Girder 2	5.85	0.95	1	1	6.361067
SU6_serv	BOBJ1	3	5.85	After	Interior Girder 3	5.85	0.95	1	1	5.836452
SU6_serv	BOBJ1	3	5.85	After	Interior Girder 4	5.85	0.95	1	1	5.836452
SU6_serv	BOBJ1	3	5.85	After	Interior Girder 5	5.85	0.95	1	1	6.361067
SU6_serv	BOBJ1	3	5.85	After	Interior Girder 6	5.85	0.95	1	1	6.858375
SU6_serv	BOBJ1	3	5.85	After	Right Exterior Girder	5.85	0.95	1	1	9.418699
SU6_serv	BOBJ1	4	11.4667	Before	Left Exterior Girder	11.4667	0.95	1	1	5.148065
SU6_serv	BOBJ1	4	11.4667	Before	Interior Girder 1	11.4667	0.95	1	1	3.77431
SU6_serv	BOBJ1	4	11.4667	Before	Interior Girder 2	11.4667	0.95	1	1	3.537189
SU6_serv	BOBJ1	4	11.4667	Before	Interior Girder 3	11.4667	0.95	1	1	3.300452
SU6_serv	BOBJ1	4	11.4667	Before	Interior Girder 4	11.4667	0.95	1	1	3.300452
SU6_serv	BOBJ1	4	11.4667	Before	Interior Girder 5	11.4667	0.95	1	1	3.537189
SU6_serv	BOBJ1	4	11.4667	Before	Interior Girder 6	11.4667	0.95	1	1	3.77431
SU6_serv	BOBJ1	4	11.4667	Before	Right Exterior Girder	11.4667	0.95	1	1	5.148065
SU6_serv	BOBJ1	5	11.4667	After	Left Exterior Girder	11.4667	0.95	1	1	5.19708
SU6_serv	BOBJ1	5	11.4667	After	Interior Girder 1	11.4667	0.95	1	1	3.753549
SU6_serv	BOBJ1	5	11.4667	After	Interior Girder 2	11.4667	0.95	1	1	3.571558
SU6_serv	BOBJ1	5	11.4667	After	Interior Girder 3	11.4667	0.95	1	1	3.38252
SU6_serv	BOBJ1	5	11.4667	After	Interior Girder 4	11.4667	0.95	1	1	3.38252
SU6_serv	BOBJ1	5	11.4667	After	Interior Girder 5	11.4667	0.95	1	1	3.571558
SU6_serv	BOBJ1	5	11.4667	After	Interior Girder 6	11.4667	0.95	1	1	3.753549
SU6_serv	BOBJ1	5	11.4667	After	Right Exterior Girder	11.4667	0.95	1	1	5.19708
SU6_serv	BOBJ1	6	17.0833	Before	Left Exterior Girder	17.0833	0.95	1	1	3.882678
SU6_serv	BOBJ1	6	17.0833	Before	Interior Girder 1	17.0833	0.95	1	1	3.034439
SU6_serv	BOBJ1	6	17.0833	Before	Interior Girder 2	17.0833	0.95	1	1	2.867776
SU6_serv	BOBJ1	6	17.0833	Before	Interior Girder 3	17.0833	0.95	1	1	2.763316
SU6_serv	BOBJ1	6	17.0833	Before	Interior Girder 4	17.0833	0.95	1	1	2.763316
SU6_serv	BOBJ1	6	17.0833	Before	Interior Girder 5	17.0833	0.95	1	1	2.867776
SU6_serv	BOBJ1	6	17.0833	Before	Interior Girder 6	17.0833	0.95	1	1	3.034439
SU6_serv	BOBJ1	6	17.0833	Before	Right Exterior Girder	17.0833	0.95	1	1	3.882678
SU6_serv	BOBJ1	7	17.0833	After	Left Exterior Girder	17.0833	0.95	1	1	3.87347
SU6_serv	BOBJ1	7	17.0833	After	Interior Girder 1	17.0833	0.95	1	1	3.03551
SU6_serv	BOBJ1	7	17.0833	After	Interior Girder 2	17.0833	0.95	1	1	2.894274
SU6_serv	BOBJ1	7	17.0833	After	Interior Girder 3	17.0833	0.95	1	1	2.793221
SU6_serv	BOBJ1	7	17.0833	After	Interior Girder 4	17.0833	0.95	1	1	2.793221
SU6_serv	BOBJ1	7	17.0833	After	Interior Girder 5	17.0833	0.95	1	1	2.894274
SU6_serv	BOBJ1	7	17.0833	After	Interior Girder 6	17.0833	0.95	1	1	3.03551
SU6_serv	BOBJ1	7	17.0833	After	Right Exterior Girder	17.0833	0.95	1	1	3.87347
SU6_serv	BOBJ1	8	22.7	Before	Left Exterior Girder	22.7	0.95	1	1	3.40071
SU6_serv	BOBJ1	8	22.7	Before	Interior Girder 1	22.7	0.95	1	1	2.910654
SU6_serv	BOBJ1	8	22.7	Before	Interior Girder 2	22.7	0.95	1	1	2.760456
SU6_serv	BOBJ1	8	22.7	Before	Interior Girder 3	22.7	0.95	1	1	2.710876
SU6_serv	BOBJ1	8	22.7	Before	Interior Girder 4	22.7	0.95	1	1	2.710876
SU6_serv	BOBJ1	8	22.7	Before	Interior Girder 5	22.7	0.95	1	1	2.760456
SU6_serv	BOBJ1	8	22.7	Before	Interior Girder 6	22.7	0.95	1	1	2.910654
SU6_serv	BOBJ1	8	22.7	Before	Right Exterior Girder	22.7	0.95	1	1	3.40071
SU6_serv	BOBJ1	9	22.7	After	Left Exterior Girder	22.7	0.95	1	1	3.416906

TABLE: Bridge Super Rating AASHTORATE18 31 - SteelICompServ-Flx - Approach, Span 12-15										
Request	BridgeObj	BridgeCut	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	Unitless	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
SU6_serv	BOBJ1	9	22.7	After	Interior Girder 1	22.7	0.95	1	1	2.899749
SU6_serv	BOBJ1	9	22.7	After	Interior Girder 2	22.7	0.95	1	1	2.760539
SU6_serv	BOBJ1	9	22.7	After	Interior Girder 3	22.7	0.95	1	1	2.710105
SU6_serv	BOBJ1	9	22.7	After	Interior Girder 4	22.7	0.95	1	1	2.710105
SU6_serv	BOBJ1	9	22.7	After	Interior Girder 5	22.7	0.95	1	1	2.760539
SU6_serv	BOBJ1	9	22.7	After	Interior Girder 6	22.7	0.95	1	1	2.899749
SU6_serv	BOBJ1	9	22.7	After	Right Exterior Girder	22.7	0.95	1	1	3.416906
SU6_serv	BOBJ1	10	28.3167	Before	Left Exterior Girder	28.3167	0.95	1	1	3.716164
SU6_serv	BOBJ1	10	28.3167	Before	Interior Girder 1	28.3167	0.95	1	1	2.941274
SU6_serv	BOBJ1	10	28.3167	Before	Interior Girder 2	28.3167	0.95	1	1	2.807175
SU6_serv	BOBJ1	10	28.3167	Before	Interior Girder 3	28.3167	0.95	1	1	2.746056
SU6_serv	BOBJ1	10	28.3167	Before	Interior Girder 4	28.3167	0.95	1	1	2.746056
SU6_serv	BOBJ1	10	28.3167	Before	Interior Girder 5	28.3167	0.95	1	1	2.807175
SU6_serv	BOBJ1	10	28.3167	Before	Interior Girder 6	28.3167	0.95	1	1	2.941274
SU6_serv	BOBJ1	10	28.3167	Before	Right Exterior Girder	28.3167	0.95	1	1	3.716164
SU6_serv	BOBJ1	11	28.3167	After	Left Exterior Girder	28.3167	0.95	1	1	3.734385
SU6_serv	BOBJ1	11	28.3167	After	Interior Girder 1	28.3167	0.95	1	1	2.930591
SU6_serv	BOBJ1	11	28.3167	After	Interior Girder 2	28.3167	0.95	1	1	2.792133
SU6_serv	BOBJ1	11	28.3167	After	Interior Girder 3	28.3167	0.95	1	1	2.729088
SU6_serv	BOBJ1	11	28.3167	After	Interior Girder 4	28.3167	0.95	1	1	2.729088
SU6_serv	BOBJ1	11	28.3167	After	Interior Girder 5	28.3167	0.95	1	1	2.792133
SU6_serv	BOBJ1	11	28.3167	After	Interior Girder 6	28.3167	0.95	1	1	2.930591
SU6_serv	BOBJ1	11	28.3167	After	Right Exterior Girder	28.3167	0.95	1	1	3.734385
SU6_serv	BOBJ1	12	33.9333	Before	Left Exterior Girder	33.9333	0.95	1	1	4.50213
SU6_serv	BOBJ1	12	33.9333	Before	Interior Girder 1	33.9333	0.95	1	1	3.407026
SU6_serv	BOBJ1	12	33.9333	Before	Interior Girder 2	33.9333	0.95	1	1	3.231008
SU6_serv	BOBJ1	12	33.9333	Before	Interior Girder 3	33.9333	0.95	1	1	3.171443
SU6_serv	BOBJ1	12	33.9333	Before	Interior Girder 4	33.9333	0.95	1	1	3.171443
SU6_serv	BOBJ1	12	33.9333	Before	Interior Girder 5	33.9333	0.95	1	1	3.231008
SU6_serv	BOBJ1	12	33.9333	Before	Interior Girder 6	33.9333	0.95	1	1	3.407026
SU6_serv	BOBJ1	12	33.9333	Before	Right Exterior Girder	33.9333	0.95	1	1	4.50213
SU6_serv	BOBJ1	13	33.9333	After	Left Exterior Girder	33.9333	0.95	1	1	4.455031
SU6_serv	BOBJ1	13	33.9333	After	Interior Girder 1	33.9333	0.95	1	1	3.435135
SU6_serv	BOBJ1	13	33.9333	After	Interior Girder 2	33.9333	0.95	1	1	3.234957
SU6_serv	BOBJ1	13	33.9333	After	Interior Girder 3	33.9333	0.95	1	1	3.157969
SU6_serv	BOBJ1	13	33.9333	After	Interior Girder 4	33.9333	0.95	1	1	3.157969
SU6_serv	BOBJ1	13	33.9333	After	Interior Girder 5	33.9333	0.95	1	1	3.234957
SU6_serv	BOBJ1	13	33.9333	After	Interior Girder 6	33.9333	0.95	1	1	3.435135
SU6_serv	BOBJ1	13	33.9333	After	Right Exterior Girder	33.9333	0.95	1	1	4.455031
SU6_serv	BOBJ1	14	39.55	Before	Left Exterior Girder	39.55	0.95	1	1	6.068435
SU6_serv	BOBJ1	14	39.55	Before	Interior Girder 1	39.55	0.95	1	1	4.798787
SU6_serv	BOBJ1	14	39.55	Before	Interior Girder 2	39.55	0.95	1	1	4.427419
SU6_serv	BOBJ1	14	39.55	Before	Interior Girder 3	39.55	0.95	1	1	4.364103
SU6_serv	BOBJ1	14	39.55	Before	Interior Girder 4	39.55	0.95	1	1	4.364103
SU6_serv	BOBJ1	14	39.55	Before	Interior Girder 5	39.55	0.95	1	1	4.427419
SU6_serv	BOBJ1	14	39.55	Before	Interior Girder 6	39.55	0.95	1	1	4.798787
SU6_serv	BOBJ1	14	39.55	Before	Right Exterior Girder	39.55	0.95	1	1	6.068435
SU6_serv	BOBJ1	15	39.55	After	Left Exterior Girder	39.55	0.95	1	1	6.078339
SU6_serv	BOBJ1	15	39.55	After	Interior Girder 1	39.55	0.95	1	1	4.812629
SU6_serv	BOBJ1	15	39.55	After	Interior Girder 2	39.55	0.95	1	1	4.403338
SU6_serv	BOBJ1	15	39.55	After	Interior Girder 3	39.55	0.95	1	1	4.302
SU6_serv	BOBJ1	15	39.55	After	Interior Girder 4	39.55	0.95	1	1	4.302
SU6_serv	BOBJ1	15	39.55	After	Interior Girder 5	39.55	0.95	1	1	4.403338
SU6_serv	BOBJ1	15	39.55	After	Interior Girder 6	39.55	0.95	1	1	4.812629
SU6_serv	BOBJ1	15	39.55	After	Right Exterior Girder	39.55	0.95	1	1	6.078339
SU6_serv	BOBJ1	16	45.1733	Before	Left Exterior Girder	45.1226	0.95	1	1	5.121833
SU6_serv	BOBJ1	16	45.1733	Before	Interior Girder 1	45.1226	0.95	1	1	5.225966
SU6_serv	BOBJ1	16	45.1733	Before	Interior Girder 2	45.1226	0.95	1	1	5.005496
SU6_serv	BOBJ1	16	45.1733	Before	Interior Girder 3	45.1226	0.95	1	1	5.086099
SU6_serv	BOBJ1	16	45.1733	Before	Interior Girder 4	45.1226	0.95	1	1	5.086099
SU6_serv	BOBJ1	16	45.1733	Before	Interior Girder 5	45.1226	0.95	1	1	5.005496
SU6_serv	BOBJ1	16	45.1733	Before	Interior Girder 6	45.1226	0.95	1	1	5.225966
SU6_serv	BOBJ1	16	45.1733	Before	Right Exterior Girder	45.1226	0.95	1	1	5.121833
SU6_serv	BOBJ1	17	45.1733	After	Left Exterior Girder	45.1226	0.95	1	1	4.112792
SU6_serv	BOBJ1	17	45.1733	After	Interior Girder 1	45.1226	0.95	1	1	4.196169
SU6_serv	BOBJ1	17	45.1733	After	Interior Girder 2	45.1226	0.95	1	1	3.992692
SU6_serv	BOBJ1	17	45.1733	After	Interior Girder 3	45.1226	0.95	1	1	4.074344
SU6_serv	BOBJ1	17	45.1733	After	Interior Girder 4	45.1226	0.95	1	1	4.074344
SU6_serv	BOBJ1	17	45.1733	After	Interior Girder 5	45.1226	0.95	1	1	3.992692
SU6_serv	BOBJ1	17	45.1733	After	Interior Girder 6	45.1226	0.95	1	1	4.196169
SU6_serv	BOBJ1	17	45.1733	After	Right Exterior Girder	45.1226	0.95	1	1	4.112792
SU6_serv	BOBJ1	18	49.2561	Before	Left Exterior Girder	49.2561	0.95	1	1	3.15646
SU6_serv	BOBJ1	18	49.2561	Before	Right Exterior Girder	49.2561	0.95	1	1	3.15646

TABLE: Bridge Super Rating AASHTORATE18 31 - SteelICompServ-Flx - Approach, Span 12-15										
Request	BridgeObj	BridgeCut	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	Unitless	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
SU6_serv	BOBJ1	19	49.2561	After	Left Exterior Girder	49.2561	0.95	1	1	3.189283
SU6_serv	BOBJ1	19	49.2561	After	Right Exterior Girder	49.2561	0.95	1	1	3.189283
SU6_serv	BOBJ1	20	50.7967	Before	Left Exterior Girder	50.7967	0.95	1	1	6.400308
SU6_serv	BOBJ1	20	50.7967	Before	Interior Girder 1	50.7967	0.95	1	1	3.170763
SU6_serv	BOBJ1	20	50.7967	Before	Interior Girder 2	50.7967	0.95	1	1	2.997437
SU6_serv	BOBJ1	20	50.7967	Before	Interior Girder 3	50.7967	0.95	1	1	2.879574
SU6_serv	BOBJ1	20	50.7967	Before	Interior Girder 4	50.7967	0.95	1	1	2.879574
SU6_serv	BOBJ1	20	50.7967	Before	Interior Girder 5	50.7967	0.95	1	1	2.997437
SU6_serv	BOBJ1	20	50.7967	Before	Interior Girder 6	50.7967	0.95	1	1	3.170763
SU6_serv	BOBJ1	20	50.7967	Before	Right Exterior Girder	50.7967	0.95	1	1	6.400308
SU6_serv	BOBJ1	21	50.7967	After	Left Exterior Girder	50.7967	0.95	1	1	6.355569
SU6_serv	BOBJ1	21	50.7967	After	Interior Girder 1	50.7967	0.95	1	1	3.168071
SU6_serv	BOBJ1	21	50.7967	After	Interior Girder 2	50.7967	0.95	1	1	2.978596
SU6_serv	BOBJ1	21	50.7967	After	Interior Girder 3	50.7967	0.95	1	1	2.868696
SU6_serv	BOBJ1	21	50.7967	After	Interior Girder 4	50.7967	0.95	1	1	2.868696
SU6_serv	BOBJ1	21	50.7967	After	Interior Girder 5	50.7967	0.95	1	1	2.978596
SU6_serv	BOBJ1	21	50.7967	After	Interior Girder 6	50.7967	0.95	1	1	3.168071
SU6_serv	BOBJ1	21	50.7967	After	Right Exterior Girder	50.7967	0.95	1	1	6.355569
SU6_serv	BOBJ1	22	51.3989	Before	Interior Girder 1	51.3989	0.95	1	1	3.051792
SU6_serv	BOBJ1	22	51.3989	Before	Interior Girder 2	51.3989	0.95	1	1	2.882889
SU6_serv	BOBJ1	22	51.3989	Before	Interior Girder 3	51.3989	0.95	1	1	2.753888
SU6_serv	BOBJ1	22	51.3989	Before	Interior Girder 4	51.3989	0.95	1	1	2.753888
SU6_serv	BOBJ1	22	51.3989	Before	Interior Girder 5	51.3989	0.95	1	1	2.882889
SU6_serv	BOBJ1	22	51.3989	Before	Interior Girder 6	51.3989	0.95	1	1	3.051792
SU6_serv	BOBJ1	23	51.3989	After	Interior Girder 1	51.3989	0.95	1	1	4.500688
SU6_serv	BOBJ1	23	51.3989	After	Interior Girder 2	51.3989	0.95	1	1	4.22549
SU6_serv	BOBJ1	23	51.3989	After	Interior Girder 3	51.3989	0.95	1	1	4.070339
SU6_serv	BOBJ1	23	51.3989	After	Interior Girder 4	51.3989	0.95	1	1	4.070339
SU6_serv	BOBJ1	23	51.3989	After	Interior Girder 5	51.3989	0.95	1	1	4.22549
SU6_serv	BOBJ1	23	51.3989	After	Interior Girder 6	51.3989	0.95	1	1	4.500688
SU6_serv	BOBJ1	24	56.42	Before	Left Exterior Girder	56.42	0.95	1	1	4.840365
SU6_serv	BOBJ1	24	56.42	Before	Interior Girder 1	56.42	0.95	1	1	3.457877
SU6_serv	BOBJ1	24	56.42	Before	Interior Girder 2	56.42	0.95	1	1	3.151178
SU6_serv	BOBJ1	24	56.42	Before	Interior Girder 3	56.42	0.95	1	1	2.712318
SU6_serv	BOBJ1	24	56.42	Before	Interior Girder 4	56.42	0.95	1	1	2.712318
SU6_serv	BOBJ1	24	56.42	Before	Interior Girder 5	56.42	0.95	1	1	3.151178
SU6_serv	BOBJ1	24	56.42	Before	Interior Girder 6	56.42	0.95	1	1	3.457877
SU6_serv	BOBJ1	24	56.42	Before	Right Exterior Girder	56.42	0.95	1	1	4.840365
SU6_serv	BOBJ1	25	56.42	After	Left Exterior Girder	0	0.95	1	1	4.97358
SU6_serv	BOBJ1	25	56.42	After	Interior Girder 1	0	0.95	1	1	3.131187
SU6_serv	BOBJ1	25	56.42	After	Interior Girder 2	0	0.95	1	1	2.944784
SU6_serv	BOBJ1	25	56.42	After	Interior Girder 3	0	0.95	1	1	2.544875
SU6_serv	BOBJ1	25	56.42	After	Interior Girder 4	0	0.95	1	1	2.544875
SU6_serv	BOBJ1	25	56.42	After	Interior Girder 5	0	0.95	1	1	2.944784
SU6_serv	BOBJ1	25	56.42	After	Interior Girder 6	0	0.95	1	1	3.131187
SU6_serv	BOBJ1	25	56.42	After	Right Exterior Girder	0	0.95	1	1	4.97358
SU6_serv	BOBJ1	26	62.0367	Before	Left Exterior Girder	5.6167	0.95	1	1	8.168963
SU6_serv	BOBJ1	26	62.0367	Before	Interior Girder 1	5.6167	0.95	1	1	5.644347
SU6_serv	BOBJ1	26	62.0367	Before	Interior Girder 2	5.6167	0.95	1	1	5.206661
SU6_serv	BOBJ1	26	62.0367	Before	Interior Girder 3	5.6167	0.95	1	1	4.909425
SU6_serv	BOBJ1	26	62.0367	Before	Interior Girder 4	5.6167	0.95	1	1	4.909425
SU6_serv	BOBJ1	26	62.0367	Before	Interior Girder 5	5.6167	0.95	1	1	5.206661
SU6_serv	BOBJ1	26	62.0367	Before	Interior Girder 6	5.6167	0.95	1	1	5.644347
SU6_serv	BOBJ1	26	62.0367	Before	Right Exterior Girder	5.6167	0.95	1	1	8.168963
SU6_serv	BOBJ1	27	62.0367	After	Left Exterior Girder	5.6167	0.95	1	1	8.093605
SU6_serv	BOBJ1	27	62.0367	After	Interior Girder 1	5.6167	0.95	1	1	5.730763
SU6_serv	BOBJ1	27	62.0367	After	Interior Girder 2	5.6167	0.95	1	1	5.290245
SU6_serv	BOBJ1	27	62.0367	After	Interior Girder 3	5.6167	0.95	1	1	4.995357
SU6_serv	BOBJ1	27	62.0367	After	Interior Girder 4	5.6167	0.95	1	1	4.995357
SU6_serv	BOBJ1	27	62.0367	After	Interior Girder 5	5.6167	0.95	1	1	5.290245
SU6_serv	BOBJ1	27	62.0367	After	Interior Girder 6	5.6167	0.95	1	1	5.730763
SU6_serv	BOBJ1	27	62.0367	After	Right Exterior Girder	5.6167	0.95	1	1	8.093605
SU6_serv	BOBJ1	28	62.4203	Before	Interior Girder 1	6.0003	0.95	1	1	5.834915
SU6_serv	BOBJ1	28	62.4203	Before	Interior Girder 2	6.0003	0.95	1	1	5.380401
SU6_serv	BOBJ1	28	62.4203	Before	Interior Girder 3	6.0003	0.95	1	1	5.105917
SU6_serv	BOBJ1	28	62.4203	Before	Interior Girder 4	6.0003	0.95	1	1	5.105917
SU6_serv	BOBJ1	28	62.4203	Before	Interior Girder 5	6.0003	0.95	1	1	5.380401
SU6_serv	BOBJ1	28	62.4203	Before	Interior Girder 6	6.0003	0.95	1	1	5.834915
SU6_serv	BOBJ1	29	62.4203	After	Interior Girder 1	6.0003	0.95	1	1	3.946156
SU6_serv	BOBJ1	29	62.4203	After	Interior Girder 2	6.0003	0.95	1	1	3.680993
SU6_serv	BOBJ1	29	62.4203	After	Interior Girder 3	6.0003	0.95	1	1	3.455467
SU6_serv	BOBJ1	29	62.4203	After	Interior Girder 4	6.0003	0.95	1	1	3.455467
SU6_serv	BOBJ1	29	62.4203	After	Interior Girder 5	6.0003	0.95	1	1	3.680993

TABLE: Bridge Super Rating AASHTORATE18 31 - SteelICompServ-Flx - Approach, Span 12-15										
Request	BridgeObj	BridgeCut	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	Unitless	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
SU6_serv	BOBJ1	29	62.4203	After	Interior Girder 6	6.0003	0.95	1	1	3.946156
SU6_serv	BOBJ1	30	64.9204	Before	Left Exterior Girder	8.5004	0.95	1	1	9.141901
SU6_serv	BOBJ1	30	64.9204	Before	Right Exterior Girder	8.5004	0.95	1	1	9.141901
SU6_serv	BOBJ1	31	64.9204	After	Left Exterior Girder	8.5004	0.95	1	1	4.34519
SU6_serv	BOBJ1	31	64.9204	After	Right Exterior Girder	8.5004	0.95	1	1	4.34519
SU6_serv	BOBJ1	32	67.6533	Before	Left Exterior Girder	11.2333	0.95	1	1	5.147604
SU6_serv	BOBJ1	32	67.6533	Before	Interior Girder 1	11.2333	0.95	1	1	5.133636
SU6_serv	BOBJ1	32	67.6533	Before	Interior Girder 2	11.2333	0.95	1	1	4.811258
SU6_serv	BOBJ1	32	67.6533	Before	Interior Girder 3	11.2333	0.95	1	1	4.810017
SU6_serv	BOBJ1	32	67.6533	Before	Interior Girder 4	11.2333	0.95	1	1	4.810017
SU6_serv	BOBJ1	32	67.6533	Before	Interior Girder 5	11.2333	0.95	1	1	4.811258
SU6_serv	BOBJ1	32	67.6533	Before	Interior Girder 6	11.2333	0.95	1	1	5.133636
SU6_serv	BOBJ1	32	67.6533	Before	Right Exterior Girder	11.2333	0.95	1	1	5.147604
SU6_serv	BOBJ1	33	67.6533	After	Left Exterior Girder	11.2333	0.95	1	1	5.110286
SU6_serv	BOBJ1	33	67.6533	After	Interior Girder 1	11.2333	0.95	1	1	5.170036
SU6_serv	BOBJ1	33	67.6533	After	Interior Girder 2	11.2333	0.95	1	1	4.876186
SU6_serv	BOBJ1	33	67.6533	After	Interior Girder 3	11.2333	0.95	1	1	4.859478
SU6_serv	BOBJ1	33	67.6533	After	Interior Girder 4	11.2333	0.95	1	1	4.859478
SU6_serv	BOBJ1	33	67.6533	After	Interior Girder 5	11.2333	0.95	1	1	4.876186
SU6_serv	BOBJ1	33	67.6533	After	Interior Girder 6	11.2333	0.95	1	1	5.170036
SU6_serv	BOBJ1	33	67.6533	After	Right Exterior Girder	11.2333	0.95	1	1	5.110286
SU6_serv	BOBJ1	34	73.27	Before	Left Exterior Girder	16.85	0.95	1	1	6.080996
SU6_serv	BOBJ1	34	73.27	Before	Interior Girder 1	16.85	0.95	1	1	4.751592
SU6_serv	BOBJ1	34	73.27	Before	Interior Girder 2	16.85	0.95	1	1	4.305511
SU6_serv	BOBJ1	34	73.27	Before	Interior Girder 3	16.85	0.95	1	1	4.166747
SU6_serv	BOBJ1	34	73.27	Before	Interior Girder 4	16.85	0.95	1	1	4.166747
SU6_serv	BOBJ1	34	73.27	Before	Interior Girder 5	16.85	0.95	1	1	4.305511
SU6_serv	BOBJ1	34	73.27	Before	Interior Girder 6	16.85	0.95	1	1	4.751592
SU6_serv	BOBJ1	34	73.27	Before	Right Exterior Girder	16.85	0.95	1	1	6.080996
SU6_serv	BOBJ1	35	73.27	After	Left Exterior Girder	16.85	0.95	1	1	6.156954
SU6_serv	BOBJ1	35	73.27	After	Interior Girder 1	16.85	0.95	1	1	4.702192
SU6_serv	BOBJ1	35	73.27	After	Interior Girder 2	16.85	0.95	1	1	4.301781
SU6_serv	BOBJ1	35	73.27	After	Interior Girder 3	16.85	0.95	1	1	4.213312
SU6_serv	BOBJ1	35	73.27	After	Interior Girder 4	16.85	0.95	1	1	4.213312
SU6_serv	BOBJ1	35	73.27	After	Interior Girder 5	16.85	0.95	1	1	4.301781
SU6_serv	BOBJ1	35	73.27	After	Interior Girder 6	16.85	0.95	1	1	4.702192
SU6_serv	BOBJ1	35	73.27	After	Right Exterior Girder	16.85	0.95	1	1	6.156954
SU6_serv	BOBJ1	36	78.8867	Before	Left Exterior Girder	22.4667	0.95	1	1	4.224517
SU6_serv	BOBJ1	36	78.8867	Before	Interior Girder 1	22.4667	0.95	1	1	3.282933
SU6_serv	BOBJ1	36	78.8867	Before	Interior Girder 2	22.4667	0.95	1	1	3.07958
SU6_serv	BOBJ1	36	78.8867	Before	Interior Girder 3	22.4667	0.95	1	1	2.991081
SU6_serv	BOBJ1	36	78.8867	Before	Interior Girder 4	22.4667	0.95	1	1	2.991081
SU6_serv	BOBJ1	36	78.8867	Before	Interior Girder 5	22.4667	0.95	1	1	3.07958
SU6_serv	BOBJ1	36	78.8867	Before	Interior Girder 6	22.4667	0.95	1	1	3.282933
SU6_serv	BOBJ1	36	78.8867	Before	Right Exterior Girder	22.4667	0.95	1	1	4.224517
SU6_serv	BOBJ1	37	78.8867	After	Left Exterior Girder	22.4667	0.95	1	1	4.283596
SU6_serv	BOBJ1	37	78.8867	After	Interior Girder 1	22.4667	0.95	1	1	3.249237
SU6_serv	BOBJ1	37	78.8867	After	Interior Girder 2	22.4667	0.95	1	1	3.06977
SU6_serv	BOBJ1	37	78.8867	After	Interior Girder 3	22.4667	0.95	1	1	3.003832
SU6_serv	BOBJ1	37	78.8867	After	Interior Girder 4	22.4667	0.95	1	1	3.003832
SU6_serv	BOBJ1	37	78.8867	After	Interior Girder 5	22.4667	0.95	1	1	3.06977
SU6_serv	BOBJ1	37	78.8867	After	Interior Girder 6	22.4667	0.95	1	1	3.249237
SU6_serv	BOBJ1	37	78.8867	After	Right Exterior Girder	22.4667	0.95	1	1	4.283596
SU6_serv	BOBJ1	38	84.5033	Before	Left Exterior Girder	28.0833	0.95	1	1	3.387029
SU6_serv	BOBJ1	38	84.5033	Before	Interior Girder 1	28.0833	0.95	1	1	2.750242
SU6_serv	BOBJ1	38	84.5033	Before	Interior Girder 2	28.0833	0.95	1	1	2.616393
SU6_serv	BOBJ1	38	84.5033	Before	Interior Girder 3	28.0833	0.95	1	1	2.563797
SU6_serv	BOBJ1	38	84.5033	Before	Interior Girder 4	28.0833	0.95	1	1	2.563797
SU6_serv	BOBJ1	38	84.5033	Before	Interior Girder 5	28.0833	0.95	1	1	2.616393
SU6_serv	BOBJ1	38	84.5033	Before	Interior Girder 6	28.0833	0.95	1	1	2.750242
SU6_serv	BOBJ1	38	84.5033	Before	Right Exterior Girder	28.0833	0.95	1	1	3.387029
SU6_serv	BOBJ1	39	84.5033	After	Left Exterior Girder	28.0833	0.95	1	1	3.382192
SU6_serv	BOBJ1	39	84.5033	After	Interior Girder 1	28.0833	0.95	1	1	2.755131
SU6_serv	BOBJ1	39	84.5033	After	Interior Girder 2	28.0833	0.95	1	1	2.62929
SU6_serv	BOBJ1	39	84.5033	After	Interior Girder 3	28.0833	0.95	1	1	2.578078
SU6_serv	BOBJ1	39	84.5033	After	Interior Girder 4	28.0833	0.95	1	1	2.578078
SU6_serv	BOBJ1	39	84.5033	After	Interior Girder 5	28.0833	0.95	1	1	2.62929
SU6_serv	BOBJ1	39	84.5033	After	Interior Girder 6	28.0833	0.95	1	1	2.755131
SU6_serv	BOBJ1	39	84.5033	After	Right Exterior Girder	28.0833	0.95	1	1	3.382192
SU6_serv	BOBJ1	40	90.12	Before	Left Exterior Girder	33.7	0.95	1	1	3.032809
SU6_serv	BOBJ1	40	90.12	Before	Interior Girder 1	33.7	0.95	1	1	2.722898
SU6_serv	BOBJ1	40	90.12	Before	Interior Girder 2	33.7	0.95	1	1	2.592197
SU6_serv	BOBJ1	40	90.12	Before	Interior Girder 3	33.7	0.95	1	1	2.560899

TABLE: Bridge Super Rating AASHTORATE18 31 - SteelICompServ-Flx - Approach, Span 12-15										
Request	BridgeObj	BridgeCut	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	Unitless	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
SU6_serv	BOBJ1	40	90.12	Before	Interior Girder 4	33.7	0.95	1	1	2.560899
SU6_serv	BOBJ1	40	90.12	Before	Interior Girder 5	33.7	0.95	1	1	2.592197
SU6_serv	BOBJ1	40	90.12	Before	Interior Girder 6	33.7	0.95	1	1	2.722898
SU6_serv	BOBJ1	40	90.12	Before	Right Exterior Girder	33.7	0.95	1	1	3.032809
SU6_serv	BOBJ1	41	90.12	After	Left Exterior Girder	33.7	0.95	1	1	3.04372
SU6_serv	BOBJ1	41	90.12	After	Interior Girder 1	33.7	0.95	1	1	2.71573
SU6_serv	BOBJ1	41	90.12	After	Interior Girder 2	33.7	0.95	1	1	2.587025
SU6_serv	BOBJ1	41	90.12	After	Interior Girder 3	33.7	0.95	1	1	2.554483
SU6_serv	BOBJ1	41	90.12	After	Interior Girder 4	33.7	0.95	1	1	2.554483
SU6_serv	BOBJ1	41	90.12	After	Interior Girder 5	33.7	0.95	1	1	2.587025
SU6_serv	BOBJ1	41	90.12	After	Interior Girder 6	33.7	0.95	1	1	2.71573
SU6_serv	BOBJ1	41	90.12	After	Right Exterior Girder	33.7	0.95	1	1	3.04372
SU6_serv	BOBJ1	42	95.7367	Before	Left Exterior Girder	39.3167	0.95	1	1	3.353145
SU6_serv	BOBJ1	42	95.7367	Before	Interior Girder 1	39.3167	0.95	1	1	2.73636
SU6_serv	BOBJ1	42	95.7367	Before	Interior Girder 2	39.3167	0.95	1	1	2.612112
SU6_serv	BOBJ1	42	95.7367	Before	Interior Girder 3	39.3167	0.95	1	1	2.563973
SU6_serv	BOBJ1	42	95.7367	Before	Interior Girder 4	39.3167	0.95	1	1	2.563973
SU6_serv	BOBJ1	42	95.7367	Before	Interior Girder 5	39.3167	0.95	1	1	2.612112
SU6_serv	BOBJ1	42	95.7367	Before	Interior Girder 6	39.3167	0.95	1	1	2.73636
SU6_serv	BOBJ1	42	95.7367	Before	Right Exterior Girder	39.3167	0.95	1	1	3.353145
SU6_serv	BOBJ1	43	95.7367	After	Left Exterior Girder	39.3167	0.95	1	1	3.360121
SU6_serv	BOBJ1	43	95.7367	After	Interior Girder 1	39.3167	0.95	1	1	2.730478
SU6_serv	BOBJ1	43	95.7367	After	Interior Girder 2	39.3167	0.95	1	1	2.599681
SU6_serv	BOBJ1	43	95.7367	After	Interior Girder 3	39.3167	0.95	1	1	2.550313
SU6_serv	BOBJ1	43	95.7367	After	Interior Girder 4	39.3167	0.95	1	1	2.550313
SU6_serv	BOBJ1	43	95.7367	After	Interior Girder 5	39.3167	0.95	1	1	2.599681
SU6_serv	BOBJ1	43	95.7367	After	Interior Girder 6	39.3167	0.95	1	1	2.730478
SU6_serv	BOBJ1	43	95.7367	After	Right Exterior Girder	39.3167	0.95	1	1	3.360121
SU6_serv	BOBJ1	44	101.3533	Before	Left Exterior Girder	44.9333	0.95	1	1	4.184821
SU6_serv	BOBJ1	44	101.3533	Before	Interior Girder 1	44.9333	0.95	1	1	3.210747
SU6_serv	BOBJ1	44	101.3533	Before	Interior Girder 2	44.9333	0.95	1	1	3.033405
SU6_serv	BOBJ1	44	101.3533	Before	Interior Girder 3	44.9333	0.95	1	1	2.977288
SU6_serv	BOBJ1	44	101.3533	Before	Interior Girder 4	44.9333	0.95	1	1	2.977288
SU6_serv	BOBJ1	44	101.3533	Before	Interior Girder 5	44.9333	0.95	1	1	3.033405
SU6_serv	BOBJ1	44	101.3533	Before	Interior Girder 6	44.9333	0.95	1	1	3.210747
SU6_serv	BOBJ1	44	101.3533	Before	Right Exterior Girder	44.9333	0.95	1	1	4.184821
SU6_serv	BOBJ1	45	101.3533	After	Left Exterior Girder	44.9333	0.95	1	1	4.129304
SU6_serv	BOBJ1	45	101.3533	After	Interior Girder 1	44.9333	0.95	1	1	3.242772
SU6_serv	BOBJ1	45	101.3533	After	Interior Girder 2	44.9333	0.95	1	1	3.044324
SU6_serv	BOBJ1	45	101.3533	After	Interior Girder 3	44.9333	0.95	1	1	2.966061
SU6_serv	BOBJ1	45	101.3533	After	Interior Girder 4	44.9333	0.95	1	1	2.966061
SU6_serv	BOBJ1	45	101.3533	After	Interior Girder 5	44.9333	0.95	1	1	3.044324
SU6_serv	BOBJ1	45	101.3533	After	Interior Girder 6	44.9333	0.95	1	1	3.242772
SU6_serv	BOBJ1	45	101.3533	After	Right Exterior Girder	44.9333	0.95	1	1	4.129304
SU6_serv	BOBJ1	46	106.97	Before	Left Exterior Girder	50.55	0.95	1	1	5.681983
SU6_serv	BOBJ1	46	106.97	Before	Interior Girder 1	50.55	0.95	1	1	4.607318
SU6_serv	BOBJ1	46	106.97	Before	Interior Girder 2	50.55	0.95	1	1	4.216132
SU6_serv	BOBJ1	46	106.97	Before	Interior Girder 3	50.55	0.95	1	1	4.148818
SU6_serv	BOBJ1	46	106.97	Before	Interior Girder 4	50.55	0.95	1	1	4.148818
SU6_serv	BOBJ1	46	106.97	Before	Interior Girder 5	50.55	0.95	1	1	4.216132
SU6_serv	BOBJ1	46	106.97	Before	Interior Girder 6	50.55	0.95	1	1	4.607318
SU6_serv	BOBJ1	46	106.97	Before	Right Exterior Girder	50.55	0.95	1	1	5.681983
SU6_serv	BOBJ1	47	106.97	After	Left Exterior Girder	50.55	0.95	1	1	5.720016
SU6_serv	BOBJ1	47	106.97	After	Interior Girder 1	50.55	0.95	1	1	4.625572
SU6_serv	BOBJ1	47	106.97	After	Interior Girder 2	50.55	0.95	1	1	4.204322
SU6_serv	BOBJ1	47	106.97	After	Interior Girder 3	50.55	0.95	1	1	4.086451
SU6_serv	BOBJ1	47	106.97	After	Interior Girder 4	50.55	0.95	1	1	4.086451
SU6_serv	BOBJ1	47	106.97	After	Interior Girder 5	50.55	0.95	1	1	4.204322
SU6_serv	BOBJ1	47	106.97	After	Interior Girder 6	50.55	0.95	1	1	4.625572
SU6_serv	BOBJ1	47	106.97	After	Right Exterior Girder	50.55	0.95	1	1	5.720016
SU6_serv	BOBJ1	48	112.5933	Before	Left Exterior Girder	56.1733	0.95	1	1	4.24277
SU6_serv	BOBJ1	48	112.5933	Before	Interior Girder 1	56.1733	0.95	1	1	4.388063
SU6_serv	BOBJ1	48	112.5933	Before	Interior Girder 2	56.1733	0.95	1	1	4.173596
SU6_serv	BOBJ1	48	112.5933	Before	Interior Girder 3	56.1733	0.95	1	1	4.219781
SU6_serv	BOBJ1	48	112.5933	Before	Interior Girder 4	56.1733	0.95	1	1	4.219781
SU6_serv	BOBJ1	48	112.5933	Before	Interior Girder 5	56.1733	0.95	1	1	4.173596
SU6_serv	BOBJ1	48	112.5933	Before	Interior Girder 6	56.1733	0.95	1	1	4.388063
SU6_serv	BOBJ1	48	112.5933	Before	Right Exterior Girder	56.1733	0.95	1	1	4.24277
SU6_serv	BOBJ1	49	112.5933	After	Left Exterior Girder	56.1733	0.95	1	1	4.267255
SU6_serv	BOBJ1	49	112.5933	After	Interior Girder 1	56.1733	0.95	1	1	4.365838
SU6_serv	BOBJ1	49	112.5933	After	Interior Girder 2	56.1733	0.95	1	1	4.132476
SU6_serv	BOBJ1	49	112.5933	After	Interior Girder 3	56.1733	0.95	1	1	4.18873
SU6_serv	BOBJ1	49	112.5933	After	Interior Girder 4	56.1733	0.95	1	1	4.18873

TABLE: Bridge Super Rating AASHTORATE18 31 - SteelICompServ-Flx - Approach, Span 12-15										
Request	BridgeObj	BridgeCut	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	Unitless	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
SU6_serv	BOBJ1	49	112.5933	After	Interior Girder 5	56.1733	0.95	1	1	4.132476
SU6_serv	BOBJ1	49	112.5933	After	Interior Girder 6	56.1733	0.95	1	1	4.365838
SU6_serv	BOBJ1	49	112.5933	After	Right Exterior Girder	56.1733	0.95	1	1	4.267255
SU6_serv	BOBJ1	50	115.3396	Before	Left Exterior Girder	58.9196	0.95	1	1	3.583929
SU6_serv	BOBJ1	50	115.3396	Before	Right Exterior Girder	58.9196	0.95	1	1	3.583929
SU6_serv	BOBJ1	51	115.3396	After	Left Exterior Girder	58.9196	0.95	1	1	7.581204
SU6_serv	BOBJ1	51	115.3396	After	Right Exterior Girder	58.9196	0.95	1	1	7.581204
SU6_serv	BOBJ1	52	118.2167	Before	Left Exterior Girder	61.7967	0.95	1	1	6.718487
SU6_serv	BOBJ1	52	118.2167	Before	Interior Girder 1	61.9198	0.95	1	1	3.253509
SU6_serv	BOBJ1	52	118.2167	Before	Interior Girder 2	61.9198	0.95	1	1	3.086622
SU6_serv	BOBJ1	52	118.2167	Before	Interior Girder 3	61.9198	0.95	1	1	2.940562
SU6_serv	BOBJ1	52	118.2167	Before	Interior Girder 4	61.9198	0.95	1	1	2.940562
SU6_serv	BOBJ1	52	118.2167	Before	Interior Girder 5	61.9198	0.95	1	1	3.086622
SU6_serv	BOBJ1	52	118.2167	Before	Interior Girder 6	61.9198	0.95	1	1	3.253509
SU6_serv	BOBJ1	52	118.2167	Before	Right Exterior Girder	61.7967	0.95	1	1	6.718487
SU6_serv	BOBJ1	53	118.2167	After	Left Exterior Girder	61.7967	0.95	1	1	6.713677
SU6_serv	BOBJ1	53	118.2167	After	Interior Girder 1	61.9198	0.95	1	1	4.843311
SU6_serv	BOBJ1	53	118.2167	After	Interior Girder 2	61.9198	0.95	1	1	4.497468
SU6_serv	BOBJ1	53	118.2167	After	Interior Girder 3	61.9198	0.95	1	1	4.329657
SU6_serv	BOBJ1	53	118.2167	After	Interior Girder 4	61.9198	0.95	1	1	4.329657
SU6_serv	BOBJ1	53	118.2167	After	Interior Girder 5	61.9198	0.95	1	1	4.497468
SU6_serv	BOBJ1	53	118.2167	After	Interior Girder 6	61.9198	0.95	1	1	4.843311
SU6_serv	BOBJ1	53	118.2167	After	Right Exterior Girder	61.7967	0.95	1	1	6.713677
SU6_serv	BOBJ1	54	123.84	Before	Left Exterior Girder	67.42	0.95	1	1	5.011333
SU6_serv	BOBJ1	54	123.84	Before	Interior Girder 1	67.42	0.95	1	1	3.291958
SU6_serv	BOBJ1	54	123.84	Before	Interior Girder 2	67.42	0.95	1	1	3.0137
SU6_serv	BOBJ1	54	123.84	Before	Interior Girder 3	67.42	0.95	1	1	2.562389
SU6_serv	BOBJ1	54	123.84	Before	Interior Girder 4	67.42	0.95	1	1	2.562389
SU6_serv	BOBJ1	54	123.84	Before	Interior Girder 5	67.42	0.95	1	1	3.0137
SU6_serv	BOBJ1	54	123.84	Before	Interior Girder 6	67.42	0.95	1	1	3.291958
SU6_serv	BOBJ1	54	123.84	Before	Right Exterior Girder	67.42	0.95	1	1	5.011333
SU6_serv	BOBJ1	55	123.84	After	Left Exterior Girder	0	0.95	1	1	4.965135
SU6_serv	BOBJ1	55	123.84	After	Interior Girder 1	0	0.95	1	1	3.260559
SU6_serv	BOBJ1	55	123.84	After	Interior Girder 2	0	0.95	1	1	3.005787
SU6_serv	BOBJ1	55	123.84	After	Interior Girder 3	0	0.95	1	1	2.550945
SU6_serv	BOBJ1	55	123.84	After	Interior Girder 4	0	0.95	1	1	2.550945
SU6_serv	BOBJ1	55	123.84	After	Interior Girder 5	0	0.95	1	1	3.005787
SU6_serv	BOBJ1	55	123.84	After	Interior Girder 6	0	0.95	1	1	3.260559
SU6_serv	BOBJ1	55	123.84	After	Right Exterior Girder	0	0.95	1	1	4.965135
SU6_serv	BOBJ1	56	129.34	Before	Interior Girder 1	5.5	0.95	1	1	4.895395
SU6_serv	BOBJ1	56	129.34	Before	Interior Girder 2	5.5	0.95	1	1	4.570189
SU6_serv	BOBJ1	56	129.34	Before	Interior Girder 3	5.5	0.95	1	1	4.390187
SU6_serv	BOBJ1	56	129.34	Before	Interior Girder 4	5.5	0.95	1	1	4.390187
SU6_serv	BOBJ1	56	129.34	Before	Interior Girder 5	5.5	0.95	1	1	4.570189
SU6_serv	BOBJ1	56	129.34	Before	Interior Girder 6	5.5	0.95	1	1	4.895395
SU6_serv	BOBJ1	57	129.34	After	Interior Girder 1	5.5	0.95	1	1	3.330778
SU6_serv	BOBJ1	57	129.34	After	Interior Girder 2	5.5	0.95	1	1	3.126642
SU6_serv	BOBJ1	57	129.34	After	Interior Girder 3	5.5	0.95	1	1	2.980285
SU6_serv	BOBJ1	57	129.34	After	Interior Girder 4	5.5	0.95	1	1	2.980285
SU6_serv	BOBJ1	57	129.34	After	Interior Girder 5	5.5	0.95	1	1	3.126642
SU6_serv	BOBJ1	57	129.34	After	Interior Girder 6	5.5	0.95	1	1	3.330778
SU6_serv	BOBJ1	58	130.79	Before	Left Exterior Girder	6.95	0.95	1	1	7.154887
SU6_serv	BOBJ1	58	130.79	Before	Interior Girder 1	6.95	0.95	1	1	3.627959
SU6_serv	BOBJ1	58	130.79	Before	Interior Girder 2	6.95	0.95	1	1	3.37988
SU6_serv	BOBJ1	58	130.79	Before	Interior Girder 3	6.95	0.95	1	1	3.291448
SU6_serv	BOBJ1	58	130.79	Before	Interior Girder 4	6.95	0.95	1	1	3.291448
SU6_serv	BOBJ1	58	130.79	Before	Interior Girder 5	6.95	0.95	1	1	3.37988
SU6_serv	BOBJ1	58	130.79	Before	Interior Girder 6	6.95	0.95	1	1	3.627959
SU6_serv	BOBJ1	58	130.79	Before	Right Exterior Girder	6.95	0.95	1	1	7.154887
SU6_serv	BOBJ1	59	130.79	After	Left Exterior Girder	6.95	0.95	1	1	7.215809
SU6_serv	BOBJ1	59	130.79	After	Interior Girder 1	6.95	0.95	1	1	3.610601
SU6_serv	BOBJ1	59	130.79	After	Interior Girder 2	6.95	0.95	1	1	3.407873
SU6_serv	BOBJ1	59	130.79	After	Interior Girder 3	6.95	0.95	1	1	3.313334
SU6_serv	BOBJ1	59	130.79	After	Interior Girder 4	6.95	0.95	1	1	3.313334
SU6_serv	BOBJ1	59	130.79	After	Interior Girder 5	6.95	0.95	1	1	3.407873
SU6_serv	BOBJ1	59	130.79	After	Interior Girder 6	6.95	0.95	1	1	3.610601
SU6_serv	BOBJ1	59	130.79	After	Right Exterior Girder	6.95	0.95	1	1	7.215809
SU6_serv	BOBJ1	60	132.34	Before	Left Exterior Girder	8.5	0.95	1	1	7.737376
SU6_serv	BOBJ1	60	132.34	Before	Right Exterior Girder	8.5	0.95	1	1	7.737376
SU6_serv	BOBJ1	61	132.34	After	Left Exterior Girder	8.5	0.95	1	1	3.618505
SU6_serv	BOBJ1	61	132.34	After	Right Exterior Girder	8.5	0.95	1	1	3.618505
SU6_serv	BOBJ1	62	137.74	Before	Left Exterior Girder	13.9	0.95	1	1	4.980645
SU6_serv	BOBJ1	62	137.74	Before	Interior Girder 1	13.9	0.95	1	1	5.03805

TABLE: Bridge Super Rating AASHTORATE18 31 - SteelICompServ-Flx - Approach, Span 12-15										
Request	BridgeObj	BridgeCut	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	Unitless	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
SU6_serv	BOBJ1	62	137.74	Before	Interior Girder 2	13.9	0.95	1	1	4.846473
SU6_serv	BOBJ1	62	137.74	Before	Interior Girder 3	13.9	0.95	1	1	5.056137
SU6_serv	BOBJ1	62	137.74	Before	Interior Girder 4	13.9	0.95	1	1	5.056137
SU6_serv	BOBJ1	62	137.74	Before	Interior Girder 5	13.9	0.95	1	1	4.846473
SU6_serv	BOBJ1	62	137.74	Before	Interior Girder 6	13.9	0.95	1	1	5.03805
SU6_serv	BOBJ1	62	137.74	Before	Right Exterior Girder	13.9	0.95	1	1	4.980645
SU6_serv	BOBJ1	63	137.74	After	Left Exterior Girder	13.9	0.95	1	1	4.945755
SU6_serv	BOBJ1	63	137.74	After	Interior Girder 1	13.9	0.95	1	1	5.064256
SU6_serv	BOBJ1	63	137.74	After	Interior Girder 2	13.9	0.95	1	1	4.884197
SU6_serv	BOBJ1	63	137.74	After	Interior Girder 3	13.9	0.95	1	1	5.066115
SU6_serv	BOBJ1	63	137.74	After	Interior Girder 4	13.9	0.95	1	1	5.066115
SU6_serv	BOBJ1	63	137.74	After	Interior Girder 5	13.9	0.95	1	1	4.884197
SU6_serv	BOBJ1	63	137.74	After	Interior Girder 6	13.9	0.95	1	1	5.064256
SU6_serv	BOBJ1	63	137.74	After	Right Exterior Girder	13.9	0.95	1	1	4.945755
SU6_serv	BOBJ1	64	143.7733	Before	Left Exterior Girder	19.9333	0.95	1	1	4.878621
SU6_serv	BOBJ1	64	143.7733	Before	Interior Girder 1	19.9333	0.95	1	1	3.602597
SU6_serv	BOBJ1	64	143.7733	Before	Interior Girder 2	19.9333	0.95	1	1	3.366567
SU6_serv	BOBJ1	64	143.7733	Before	Interior Girder 3	19.9333	0.95	1	1	3.262346
SU6_serv	BOBJ1	64	143.7733	Before	Interior Girder 4	19.9333	0.95	1	1	3.262346
SU6_serv	BOBJ1	64	143.7733	Before	Interior Girder 5	19.9333	0.95	1	1	3.366567
SU6_serv	BOBJ1	64	143.7733	Before	Interior Girder 6	19.9333	0.95	1	1	3.602597
SU6_serv	BOBJ1	64	143.7733	Before	Right Exterior Girder	19.9333	0.95	1	1	4.878621
SU6_serv	BOBJ1	65	143.7733	After	Left Exterior Girder	19.9333	0.95	1	1	4.953837
SU6_serv	BOBJ1	65	143.7733	After	Interior Girder 1	19.9333	0.95	1	1	3.561238
SU6_serv	BOBJ1	65	143.7733	After	Interior Girder 2	19.9333	0.95	1	1	3.358351
SU6_serv	BOBJ1	65	143.7733	After	Interior Girder 3	19.9333	0.95	1	1	3.288131
SU6_serv	BOBJ1	65	143.7733	After	Interior Girder 4	19.9333	0.95	1	1	3.288131
SU6_serv	BOBJ1	65	143.7733	After	Interior Girder 5	19.9333	0.95	1	1	3.358351
SU6_serv	BOBJ1	65	143.7733	After	Interior Girder 6	19.9333	0.95	1	1	3.561238
SU6_serv	BOBJ1	65	143.7733	After	Right Exterior Girder	19.9333	0.95	1	1	4.953837
SU6_serv	BOBJ1	66	149.8067	Before	Left Exterior Girder	25.9667	0.95	1	1	3.572446
SU6_serv	BOBJ1	66	149.8067	Before	Interior Girder 1	25.9667	0.95	1	1	2.828233
SU6_serv	BOBJ1	66	149.8067	Before	Interior Girder 2	25.9667	0.95	1	1	2.682969
SU6_serv	BOBJ1	66	149.8067	Before	Interior Girder 3	25.9667	0.95	1	1	2.625668
SU6_serv	BOBJ1	66	149.8067	Before	Interior Girder 4	25.9667	0.95	1	1	2.625668
SU6_serv	BOBJ1	66	149.8067	Before	Interior Girder 5	25.9667	0.95	1	1	2.682969
SU6_serv	BOBJ1	66	149.8067	Before	Interior Girder 6	25.9667	0.95	1	1	2.828233
SU6_serv	BOBJ1	66	149.8067	Before	Right Exterior Girder	25.9667	0.95	1	1	3.572446
SU6_serv	BOBJ1	67	149.8067	After	Left Exterior Girder	25.9667	0.95	1	1	3.571842
SU6_serv	BOBJ1	67	149.8067	After	Interior Girder 1	25.9667	0.95	1	1	2.829572
SU6_serv	BOBJ1	67	149.8067	After	Interior Girder 2	25.9667	0.95	1	1	2.697225
SU6_serv	BOBJ1	67	149.8067	After	Interior Girder 3	25.9667	0.95	1	1	2.645864
SU6_serv	BOBJ1	67	149.8067	After	Interior Girder 4	25.9667	0.95	1	1	2.645864
SU6_serv	BOBJ1	67	149.8067	After	Interior Girder 5	25.9667	0.95	1	1	2.697225
SU6_serv	BOBJ1	67	149.8067	After	Interior Girder 6	25.9667	0.95	1	1	2.829572
SU6_serv	BOBJ1	67	149.8067	After	Right Exterior Girder	25.9667	0.95	1	1	3.571842
SU6_serv	BOBJ1	68	155.84	Before	Left Exterior Girder	32	0.95	1	1	3.006837
SU6_serv	BOBJ1	68	155.84	Before	Interior Girder 1	32	0.95	1	1	2.698305
SU6_serv	BOBJ1	68	155.84	Before	Interior Girder 2	32	0.95	1	1	2.563529
SU6_serv	BOBJ1	68	155.84	Before	Interior Girder 3	32	0.95	1	1	2.535517
SU6_serv	BOBJ1	68	155.84	Before	Interior Girder 4	32	0.95	1	1	2.535517
SU6_serv	BOBJ1	68	155.84	Before	Interior Girder 5	32	0.95	1	1	2.563529
SU6_serv	BOBJ1	68	155.84	Before	Interior Girder 6	32	0.95	1	1	2.698305
SU6_serv	BOBJ1	68	155.84	Before	Right Exterior Girder	32	0.95	1	1	3.006837
SU6_serv	BOBJ1	69	155.84	After	Left Exterior Girder	32	0.95	1	1	3.022517
SU6_serv	BOBJ1	69	155.84	After	Interior Girder 1	32	0.95	1	1	2.686861
SU6_serv	BOBJ1	69	155.84	After	Interior Girder 2	32	0.95	1	1	2.557815
SU6_serv	BOBJ1	69	155.84	After	Interior Girder 3	32	0.95	1	1	2.529308
SU6_serv	BOBJ1	69	155.84	After	Interior Girder 4	32	0.95	1	1	2.529308
SU6_serv	BOBJ1	69	155.84	After	Interior Girder 5	32	0.95	1	1	2.557815
SU6_serv	BOBJ1	69	155.84	After	Interior Girder 6	32	0.95	1	1	2.686861
SU6_serv	BOBJ1	69	155.84	After	Right Exterior Girder	32	0.95	1	1	3.022517
SU6_serv	BOBJ1	70	161.8733	Before	Left Exterior Girder	38.0333	0.95	1	1	3.249371
SU6_serv	BOBJ1	70	161.8733	Before	Interior Girder 1	38.0333	0.95	1	1	2.640373
SU6_serv	BOBJ1	70	161.8733	Before	Interior Girder 2	38.0333	0.95	1	1	2.517759
SU6_serv	BOBJ1	70	161.8733	Before	Interior Girder 3	38.0333	0.95	1	1	2.469876
SU6_serv	BOBJ1	70	161.8733	Before	Interior Girder 4	38.0333	0.95	1	1	2.469876
SU6_serv	BOBJ1	70	161.8733	Before	Interior Girder 5	38.0333	0.95	1	1	2.517759
SU6_serv	BOBJ1	70	161.8733	Before	Interior Girder 6	38.0333	0.95	1	1	2.640373
SU6_serv	BOBJ1	70	161.8733	Before	Right Exterior Girder	38.0333	0.95	1	1	3.249371
SU6_serv	BOBJ1	71	161.8733	After	Left Exterior Girder	38.0333	0.95	1	1	3.260659
SU6_serv	BOBJ1	71	161.8733	After	Interior Girder 1	38.0333	0.95	1	1	2.631327
SU6_serv	BOBJ1	71	161.8733	After	Interior Girder 2	38.0333	0.95	1	1	2.505806

TABLE: Bridge Super Rating AASHTORATE18 31 - SteelICompServ-Flx - Approach, Span 12-15										
Request	BridgeObj	BridgeCut	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	Unitless	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
SU6_serv	BOBJ1	71	161.8733	After	Interior Girder 3	38.0333	0.95	1	1	2.457522
SU6_serv	BOBJ1	71	161.8733	After	Interior Girder 4	38.0333	0.95	1	1	2.457522
SU6_serv	BOBJ1	71	161.8733	After	Interior Girder 5	38.0333	0.95	1	1	2.505806
SU6_serv	BOBJ1	71	161.8733	After	Interior Girder 6	38.0333	0.95	1	1	2.631327
SU6_serv	BOBJ1	71	161.8733	After	Right Exterior Girder	38.0333	0.95	1	1	3.260659
SU6_serv	BOBJ1	72	167.9067	Before	Left Exterior Girder	44.0667	0.95	1	1	4.011019
SU6_serv	BOBJ1	72	167.9067	Before	Interior Girder 1	44.0667	0.95	1	1	3.059774
SU6_serv	BOBJ1	72	167.9067	Before	Interior Girder 2	44.0667	0.95	1	1	2.886595
SU6_serv	BOBJ1	72	167.9067	Before	Interior Girder 3	44.0667	0.95	1	1	2.830427
SU6_serv	BOBJ1	72	167.9067	Before	Interior Girder 4	44.0667	0.95	1	1	2.830427
SU6_serv	BOBJ1	72	167.9067	Before	Interior Girder 5	44.0667	0.95	1	1	2.886595
SU6_serv	BOBJ1	72	167.9067	Before	Interior Girder 6	44.0667	0.95	1	1	3.059774
SU6_serv	BOBJ1	72	167.9067	Before	Right Exterior Girder	44.0667	0.95	1	1	4.011019
SU6_serv	BOBJ1	73	167.9067	After	Left Exterior Girder	44.0667	0.95	1	1	3.953989
SU6_serv	BOBJ1	73	167.9067	After	Interior Girder 1	44.0667	0.95	1	1	3.090763
SU6_serv	BOBJ1	73	167.9067	After	Interior Girder 2	44.0667	0.95	1	1	2.899502
SU6_serv	BOBJ1	73	167.9067	After	Interior Girder 3	44.0667	0.95	1	1	2.820675
SU6_serv	BOBJ1	73	167.9067	After	Interior Girder 4	44.0667	0.95	1	1	2.820675
SU6_serv	BOBJ1	73	167.9067	After	Interior Girder 5	44.0667	0.95	1	1	2.899502
SU6_serv	BOBJ1	73	167.9067	After	Interior Girder 6	44.0667	0.95	1	1	3.090763
SU6_serv	BOBJ1	73	167.9067	After	Right Exterior Girder	44.0667	0.95	1	1	3.953989
SU6_serv	BOBJ1	74	173.94	Before	Left Exterior Girder	50.1	0.95	1	1	5.655051
SU6_serv	BOBJ1	74	173.94	Before	Interior Girder 1	50.1	0.95	1	1	4.423299
SU6_serv	BOBJ1	74	173.94	Before	Interior Girder 2	50.1	0.95	1	1	4.028389
SU6_serv	BOBJ1	74	173.94	Before	Interior Girder 3	50.1	0.95	1	1	3.952184
SU6_serv	BOBJ1	74	173.94	Before	Interior Girder 4	50.1	0.95	1	1	3.952184
SU6_serv	BOBJ1	74	173.94	Before	Interior Girder 5	50.1	0.95	1	1	4.028389
SU6_serv	BOBJ1	74	173.94	Before	Interior Girder 6	50.1	0.95	1	1	4.423299
SU6_serv	BOBJ1	74	173.94	Before	Right Exterior Girder	50.1	0.95	1	1	5.655051
SU6_serv	BOBJ1	75	173.94	After	Left Exterior Girder	50.1	0.95	1	1	5.618231
SU6_serv	BOBJ1	75	173.94	After	Interior Girder 1	50.1	0.95	1	1	4.437739
SU6_serv	BOBJ1	75	173.94	After	Interior Girder 2	50.1	0.95	1	1	4.016458
SU6_serv	BOBJ1	75	173.94	After	Interior Girder 3	50.1	0.95	1	1	3.892525
SU6_serv	BOBJ1	75	173.94	After	Interior Girder 4	50.1	0.95	1	1	3.892525
SU6_serv	BOBJ1	75	173.94	After	Interior Girder 5	50.1	0.95	1	1	4.016458
SU6_serv	BOBJ1	75	173.94	After	Interior Girder 6	50.1	0.95	1	1	4.437739
SU6_serv	BOBJ1	75	173.94	After	Right Exterior Girder	50.1	0.95	1	1	5.618231
SU6_serv	BOBJ1	76	179.98	Before	Left Exterior Girder	56.14	0.95	1	1	5.652941
SU6_serv	BOBJ1	76	179.98	Before	Interior Girder 1	56.14	0.95	1	1	5.673258
SU6_serv	BOBJ1	76	179.98	Before	Interior Girder 2	56.14	0.95	1	1	5.343577
SU6_serv	BOBJ1	76	179.98	Before	Interior Girder 3	56.14	0.95	1	1	5.317703
SU6_serv	BOBJ1	76	179.98	Before	Interior Girder 4	56.14	0.95	1	1	5.317703
SU6_serv	BOBJ1	76	179.98	Before	Interior Girder 5	56.14	0.95	1	1	5.343577
SU6_serv	BOBJ1	76	179.98	Before	Interior Girder 6	56.14	0.95	1	1	5.673258
SU6_serv	BOBJ1	76	179.98	Before	Right Exterior Girder	56.14	0.95	1	1	5.652941
SU6_serv	BOBJ1	77	179.98	After	Left Exterior Girder	56.14	0.95	1	1	5.695077
SU6_serv	BOBJ1	77	179.98	After	Interior Girder 1	56.14	0.95	1	1	5.635149
SU6_serv	BOBJ1	77	179.98	After	Interior Girder 2	56.14	0.95	1	1	5.260028
SU6_serv	BOBJ1	77	179.98	After	Interior Girder 3	56.14	0.95	1	1	5.249555
SU6_serv	BOBJ1	77	179.98	After	Interior Girder 4	56.14	0.95	1	1	5.249555
SU6_serv	BOBJ1	77	179.98	After	Interior Girder 5	56.14	0.95	1	1	5.260028
SU6_serv	BOBJ1	77	179.98	After	Interior Girder 6	56.14	0.95	1	1	5.635149
SU6_serv	BOBJ1	77	179.98	After	Right Exterior Girder	56.14	0.95	1	1	5.695077
SU6_serv	BOBJ1	78	183.56	Before	Left Exterior Girder	59.72	0.95	1	1	4.579317
SU6_serv	BOBJ1	78	183.56	Before	Right Exterior Girder	59.72	0.95	1	1	4.579317
SU6_serv	BOBJ1	79	183.56	After	Left Exterior Girder	59.72	0.95	1	1	10.390766
SU6_serv	BOBJ1	79	183.56	After	Right Exterior Girder	59.72	0.95	1	1	10.390766
SU6_serv	BOBJ1	80	186.02	Before	Left Exterior Girder	62.18	0.95	1	1	9.397182
SU6_serv	BOBJ1	80	186.02	Before	Interior Girder 1	62.22	0.95	1	1	4.105386
SU6_serv	BOBJ1	80	186.02	Before	Interior Girder 2	62.22	0.95	1	1	3.859872
SU6_serv	BOBJ1	80	186.02	Before	Interior Girder 3	62.22	0.95	1	1	3.589229
SU6_serv	BOBJ1	80	186.02	Before	Interior Girder 4	62.22	0.95	1	1	3.589229
SU6_serv	BOBJ1	80	186.02	Before	Interior Girder 5	62.22	0.95	1	1	3.859872
SU6_serv	BOBJ1	80	186.02	Before	Interior Girder 6	62.22	0.95	1	1	4.105386
SU6_serv	BOBJ1	80	186.02	Before	Right Exterior Girder	62.18	0.95	1	1	9.397182
SU6_serv	BOBJ1	81	186.02	After	Left Exterior Girder	62.18	0.95	1	1	9.441167
SU6_serv	BOBJ1	81	186.02	After	Interior Girder 1	62.22	0.95	1	1	6.441963
SU6_serv	BOBJ1	81	186.02	After	Interior Girder 2	62.22	0.95	1	1	5.896529
SU6_serv	BOBJ1	81	186.02	After	Interior Girder 3	62.22	0.95	1	1	5.541273
SU6_serv	BOBJ1	81	186.02	After	Interior Girder 4	62.22	0.95	1	1	5.541273
SU6_serv	BOBJ1	81	186.02	After	Interior Girder 5	62.22	0.95	1	1	5.896529
SU6_serv	BOBJ1	81	186.02	After	Interior Girder 6	62.22	0.95	1	1	6.441963
SU6_serv	BOBJ1	81	186.02	After	Right Exterior Girder	62.18	0.95	1	1	9.441167

TABLE: Bridge Super Rating AASHTORATE18 31 - SteelICompServ-Flx - Approach, Span 12-15										
Request	BridgeObj	BridgeCut	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	Unitless	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
SU6_serv	BOBJ1	82	192.06	Before	Left Exterior Girder	68.22	0.95	1	1	4.968302
SU6_serv	BOBJ1	82	192.06	Before	Interior Girder 1	68.22	0.95	1	1	3.219492
SU6_serv	BOBJ1	82	192.06	Before	Interior Girder 2	68.22	0.95	1	1	3.019505
SU6_serv	BOBJ1	82	192.06	Before	Interior Girder 3	68.22	0.95	1	1	2.61797
SU6_serv	BOBJ1	82	192.06	Before	Interior Girder 4	68.22	0.95	1	1	2.61797
SU6_serv	BOBJ1	82	192.06	Before	Interior Girder 5	68.22	0.95	1	1	3.019505
SU6_serv	BOBJ1	82	192.06	Before	Interior Girder 6	68.22	0.95	1	1	3.219492
SU6_serv	BOBJ1	82	192.06	Before	Right Exterior Girder	68.22	0.95	1	1	4.968302
SU6_serv	BOBJ1	83	192.06	After	Left Exterior Girder	0	0.95	1	1	4.790607
SU6_serv	BOBJ1	83	192.06	After	Interior Girder 1	0	0.95	1	1	3.687793
SU6_serv	BOBJ1	83	192.06	After	Interior Girder 2	0	0.95	1	1	3.323364
SU6_serv	BOBJ1	83	192.06	After	Interior Girder 3	0	0.95	1	1	2.908021
SU6_serv	BOBJ1	83	192.06	After	Interior Girder 4	0	0.95	1	1	2.908021
SU6_serv	BOBJ1	83	192.06	After	Interior Girder 5	0	0.95	1	1	3.323364
SU6_serv	BOBJ1	83	192.06	After	Interior Girder 6	0	0.95	1	1	3.687793
SU6_serv	BOBJ1	83	192.06	After	Right Exterior Girder	0	0.95	1	1	4.790608
SU6_serv	BOBJ1	84	197.087	Before	Interior Girder 1	5.027	0.95	1	1	4.579798
SU6_serv	BOBJ1	84	197.087	Before	Interior Girder 2	5.027	0.95	1	1	4.263507
SU6_serv	BOBJ1	84	197.087	Before	Interior Girder 3	5.027	0.95	1	1	4.188361
SU6_serv	BOBJ1	84	197.087	Before	Interior Girder 4	5.027	0.95	1	1	4.188361
SU6_serv	BOBJ1	84	197.087	Before	Interior Girder 5	5.027	0.95	1	1	4.263507
SU6_serv	BOBJ1	84	197.087	Before	Interior Girder 6	5.027	0.95	1	1	4.579798
SU6_serv	BOBJ1	85	197.087	After	Interior Girder 1	5.027	0.95	1	1	2.911337
SU6_serv	BOBJ1	85	197.087	After	Interior Girder 2	5.027	0.95	1	1	2.720739
SU6_serv	BOBJ1	85	197.087	After	Interior Girder 3	5.027	0.95	1	1	2.657179
SU6_serv	BOBJ1	85	197.087	After	Interior Girder 4	5.027	0.95	1	1	2.657179
SU6_serv	BOBJ1	85	197.087	After	Interior Girder 5	5.027	0.95	1	1	2.720739
SU6_serv	BOBJ1	85	197.087	After	Interior Girder 6	5.027	0.95	1	1	2.911337
SU6_serv	BOBJ1	86	197.91	Before	Left Exterior Girder	5.85	0.95	1	1	6.364308
SU6_serv	BOBJ1	86	197.91	Before	Interior Girder 1	5.85	0.95	1	1	3.056667
SU6_serv	BOBJ1	86	197.91	Before	Interior Girder 2	5.85	0.95	1	1	2.838122
SU6_serv	BOBJ1	86	197.91	Before	Interior Girder 3	5.85	0.95	1	1	2.817712
SU6_serv	BOBJ1	86	197.91	Before	Interior Girder 4	5.85	0.95	1	1	2.817712
SU6_serv	BOBJ1	86	197.91	Before	Interior Girder 5	5.85	0.95	1	1	2.838122
SU6_serv	BOBJ1	86	197.91	Before	Interior Girder 6	5.85	0.95	1	1	3.056667
SU6_serv	BOBJ1	86	197.91	Before	Right Exterior Girder	5.85	0.95	1	1	6.364308
SU6_serv	BOBJ1	87	197.91	After	Left Exterior Girder	5.85	0.95	1	1	6.403212
SU6_serv	BOBJ1	87	197.91	After	Interior Girder 1	5.85	0.95	1	1	3.057141
SU6_serv	BOBJ1	87	197.91	After	Interior Girder 2	5.85	0.95	1	1	2.859397
SU6_serv	BOBJ1	87	197.91	After	Interior Girder 3	5.85	0.95	1	1	2.820853
SU6_serv	BOBJ1	87	197.91	After	Interior Girder 4	5.85	0.95	1	1	2.820853
SU6_serv	BOBJ1	87	197.91	After	Interior Girder 5	5.85	0.95	1	1	2.859397
SU6_serv	BOBJ1	87	197.91	After	Interior Girder 6	5.85	0.95	1	1	3.057141
SU6_serv	BOBJ1	87	197.91	After	Right Exterior Girder	5.85	0.95	1	1	6.403212
SU6_serv	BOBJ1	88	199.1816	Before	Left Exterior Girder	7.1216	0.95	1	1	6.760981
SU6_serv	BOBJ1	88	199.1816	Before	Right Exterior Girder	7.1216	0.95	1	1	6.760981
SU6_serv	BOBJ1	89	199.1816	After	Left Exterior Girder	7.1216	0.95	1	1	2.913555
SU6_serv	BOBJ1	89	199.1816	After	Right Exterior Girder	7.1216	0.95	1	1	2.913555
SU6_serv	BOBJ1	90	203.5267	Before	Left Exterior Girder	11.3107	0.95	1	1	3.842907
SU6_serv	BOBJ1	90	203.5267	Before	Interior Girder 1	11.3107	0.95	1	1	4.051637
SU6_serv	BOBJ1	90	203.5267	Before	Interior Girder 2	11.3107	0.95	1	1	3.811932
SU6_serv	BOBJ1	90	203.5267	Before	Interior Girder 3	11.3107	0.95	1	1	3.926484
SU6_serv	BOBJ1	90	203.5267	Before	Interior Girder 4	11.3107	0.95	1	1	3.926484
SU6_serv	BOBJ1	90	203.5267	Before	Interior Girder 5	11.3107	0.95	1	1	3.811932
SU6_serv	BOBJ1	90	203.5267	Before	Interior Girder 6	11.3107	0.95	1	1	4.051637
SU6_serv	BOBJ1	90	203.5267	Before	Right Exterior Girder	11.3107	0.95	1	1	3.842907
SU6_serv	BOBJ1	91	203.5267	After	Left Exterior Girder	11.3107	0.95	1	1	6.126233
SU6_serv	BOBJ1	91	203.5267	After	Interior Girder 1	11.3107	0.95	1	1	6.364047
SU6_serv	BOBJ1	91	203.5267	After	Interior Girder 2	11.3107	0.95	1	1	6.062955
SU6_serv	BOBJ1	91	203.5267	After	Interior Girder 3	11.3107	0.95	1	1	6.206867
SU6_serv	BOBJ1	91	203.5267	After	Interior Girder 4	11.3107	0.95	1	1	6.206867
SU6_serv	BOBJ1	91	203.5267	After	Interior Girder 5	11.3107	0.95	1	1	6.062955
SU6_serv	BOBJ1	91	203.5267	After	Interior Girder 6	11.3107	0.95	1	1	6.364047
SU6_serv	BOBJ1	91	203.5267	After	Right Exterior Girder	11.3107	0.95	1	1	6.126233
SU6_serv	BOBJ1	92	209.1433	Before	Left Exterior Girder	17.0833	0.95	1	1	6.586323
SU6_serv	BOBJ1	92	209.1433	Before	Interior Girder 1	17.0833	0.95	1	1	5.24766
SU6_serv	BOBJ1	92	209.1433	Before	Interior Girder 2	17.0833	0.95	1	1	4.861723
SU6_serv	BOBJ1	92	209.1433	Before	Interior Girder 3	17.0833	0.95	1	1	4.746912
SU6_serv	BOBJ1	92	209.1433	Before	Interior Girder 4	17.0833	0.95	1	1	4.746912
SU6_serv	BOBJ1	92	209.1433	Before	Interior Girder 5	17.0833	0.95	1	1	4.861723
SU6_serv	BOBJ1	92	209.1433	Before	Interior Girder 6	17.0833	0.95	1	1	5.24766
SU6_serv	BOBJ1	92	209.1433	Before	Right Exterior Girder	17.0833	0.95	1	1	6.586323
SU6_serv	BOBJ1	93	209.1433	After	Left Exterior Girder	17.0833	0.95	1	1	6.484243

TABLE: Bridge Super Rating AASHTORATE18 31 - SteelICompServ-Flx - Approach, Span 12-15										
Request	BridgeObj	BridgeCut	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	Unitless	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
SU6_serv	BOBJ1	93	209.1433	After	Interior Girder 1	17.0833	0.95	1	1	5.265967
SU6_serv	BOBJ1	93	209.1433	After	Interior Girder 2	17.0833	0.95	1	1	4.912877
SU6_serv	BOBJ1	93	209.1433	After	Interior Girder 3	17.0833	0.95	1	1	4.821858
SU6_serv	BOBJ1	93	209.1433	After	Interior Girder 4	17.0833	0.95	1	1	4.821858
SU6_serv	BOBJ1	93	209.1433	After	Interior Girder 5	17.0833	0.95	1	1	4.912877
SU6_serv	BOBJ1	93	209.1433	After	Interior Girder 6	17.0833	0.95	1	1	5.265967
SU6_serv	BOBJ1	93	209.1433	After	Right Exterior Girder	17.0833	0.95	1	1	6.484243
SU6_serv	BOBJ1	94	214.76	Before	Left Exterior Girder	22.7	0.95	1	1	4.907643
SU6_serv	BOBJ1	94	214.76	Before	Interior Girder 1	22.7	0.95	1	1	4.181196
SU6_serv	BOBJ1	94	214.76	Before	Interior Girder 2	22.7	0.95	1	1	3.893546
SU6_serv	BOBJ1	94	214.76	Before	Interior Girder 3	22.7	0.95	1	1	3.8192
SU6_serv	BOBJ1	94	214.76	Before	Interior Girder 4	22.7	0.95	1	1	3.8192
SU6_serv	BOBJ1	94	214.76	Before	Interior Girder 5	22.7	0.95	1	1	3.893546
SU6_serv	BOBJ1	94	214.76	Before	Interior Girder 6	22.7	0.95	1	1	4.181196
SU6_serv	BOBJ1	94	214.76	Before	Right Exterior Girder	22.7	0.95	1	1	4.907643
SU6_serv	BOBJ1	95	214.76	After	Left Exterior Girder	22.7	0.95	1	1	4.910841
SU6_serv	BOBJ1	95	214.76	After	Interior Girder 1	22.7	0.95	1	1	4.161553
SU6_serv	BOBJ1	95	214.76	After	Interior Girder 2	22.7	0.95	1	1	3.899756
SU6_serv	BOBJ1	95	214.76	After	Interior Girder 3	22.7	0.95	1	1	3.833617
SU6_serv	BOBJ1	95	214.76	After	Interior Girder 4	22.7	0.95	1	1	3.833617
SU6_serv	BOBJ1	95	214.76	After	Interior Girder 5	22.7	0.95	1	1	3.899756
SU6_serv	BOBJ1	95	214.76	After	Interior Girder 6	22.7	0.95	1	1	4.161553
SU6_serv	BOBJ1	95	214.76	After	Right Exterior Girder	22.7	0.95	1	1	4.910841
SU6_serv	BOBJ1	96	220.3767	Before	Left Exterior Girder	28.3167	0.95	1	1	4.505306
SU6_serv	BOBJ1	96	220.3767	Before	Interior Girder 1	28.3167	0.95	1	1	3.527451
SU6_serv	BOBJ1	96	220.3767	Before	Interior Girder 2	28.3167	0.95	1	1	3.335635
SU6_serv	BOBJ1	96	220.3767	Before	Interior Girder 3	28.3167	0.95	1	1	3.251485
SU6_serv	BOBJ1	96	220.3767	Before	Interior Girder 4	28.3167	0.95	1	1	3.251485
SU6_serv	BOBJ1	96	220.3767	Before	Interior Girder 5	28.3167	0.95	1	1	3.335635
SU6_serv	BOBJ1	96	220.3767	Before	Interior Girder 6	28.3167	0.95	1	1	3.527451
SU6_serv	BOBJ1	96	220.3767	Before	Right Exterior Girder	28.3167	0.95	1	1	4.505306
SU6_serv	BOBJ1	97	220.3767	After	Left Exterior Girder	28.3167	0.95	1	1	4.537114
SU6_serv	BOBJ1	97	220.3767	After	Interior Girder 1	28.3167	0.95	1	1	3.511837
SU6_serv	BOBJ1	97	220.3767	After	Interior Girder 2	28.3167	0.95	1	1	3.327275
SU6_serv	BOBJ1	97	220.3767	After	Interior Girder 3	28.3167	0.95	1	1	3.252392
SU6_serv	BOBJ1	97	220.3767	After	Interior Girder 4	28.3167	0.95	1	1	3.252392
SU6_serv	BOBJ1	97	220.3767	After	Interior Girder 5	28.3167	0.95	1	1	3.327275
SU6_serv	BOBJ1	97	220.3767	After	Interior Girder 6	28.3167	0.95	1	1	3.511837
SU6_serv	BOBJ1	97	220.3767	After	Right Exterior Girder	28.3167	0.95	1	1	4.537114
SU6_serv	BOBJ1	98	225.9933	Before	Left Exterior Girder	33.9333	0.95	1	1	4.362379
SU6_serv	BOBJ1	98	225.9933	Before	Interior Girder 1	33.9333	0.95	1	1	3.384277
SU6_serv	BOBJ1	98	225.9933	Before	Interior Girder 2	33.9333	0.95	1	1	3.211351
SU6_serv	BOBJ1	98	225.9933	Before	Interior Girder 3	33.9333	0.95	1	1	3.133014
SU6_serv	BOBJ1	98	225.9933	Before	Interior Girder 4	33.9333	0.95	1	1	3.133014
SU6_serv	BOBJ1	98	225.9933	Before	Interior Girder 5	33.9333	0.95	1	1	3.211351
SU6_serv	BOBJ1	98	225.9933	Before	Interior Girder 6	33.9333	0.95	1	1	3.384277
SU6_serv	BOBJ1	98	225.9933	Before	Right Exterior Girder	33.9333	0.95	1	1	4.362379
SU6_serv	BOBJ1	99	225.9933	After	Left Exterior Girder	33.9333	0.95	1	1	4.335092
SU6_serv	BOBJ1	99	225.9933	After	Interior Girder 1	33.9333	0.95	1	1	3.403108
SU6_serv	BOBJ1	99	225.9933	After	Interior Girder 2	33.9333	0.95	1	1	3.216957
SU6_serv	BOBJ1	99	225.9933	After	Interior Girder 3	33.9333	0.95	1	1	3.132577
SU6_serv	BOBJ1	99	225.9933	After	Interior Girder 4	33.9333	0.95	1	1	3.132577
SU6_serv	BOBJ1	99	225.9933	After	Interior Girder 5	33.9333	0.95	1	1	3.216957
SU6_serv	BOBJ1	99	225.9933	After	Interior Girder 6	33.9333	0.95	1	1	3.403108
SU6_serv	BOBJ1	99	225.9933	After	Right Exterior Girder	33.9333	0.95	1	1	4.335092
SU6_serv	BOBJ1	100	231.61	Before	Left Exterior Girder	39.55	0.95	1	1	4.629804
SU6_serv	BOBJ1	100	231.61	Before	Interior Girder 1	39.55	0.95	1	1	3.794658
SU6_serv	BOBJ1	100	231.61	Before	Interior Girder 2	39.55	0.95	1	1	3.565328
SU6_serv	BOBJ1	100	231.61	Before	Interior Girder 3	39.55	0.95	1	1	3.459078
SU6_serv	BOBJ1	100	231.61	Before	Interior Girder 4	39.55	0.95	1	1	3.459078
SU6_serv	BOBJ1	100	231.61	Before	Interior Girder 5	39.55	0.95	1	1	3.565328
SU6_serv	BOBJ1	100	231.61	Before	Interior Girder 6	39.55	0.95	1	1	3.794658
SU6_serv	BOBJ1	100	231.61	Before	Right Exterior Girder	39.55	0.95	1	1	4.629804
SU6_serv	BOBJ1	101	231.61	After	Left Exterior Girder	39.55	0.95	1	1	4.623011
SU6_serv	BOBJ1	101	231.61	After	Interior Girder 1	39.55	0.95	1	1	3.803955
SU6_serv	BOBJ1	101	231.61	After	Interior Girder 2	39.55	0.95	1	1	3.545301
SU6_serv	BOBJ1	101	231.61	After	Interior Girder 3	39.55	0.95	1	1	3.425295
SU6_serv	BOBJ1	101	231.61	After	Interior Girder 4	39.55	0.95	1	1	3.425295
SU6_serv	BOBJ1	101	231.61	After	Interior Girder 5	39.55	0.95	1	1	3.545301
SU6_serv	BOBJ1	101	231.61	After	Interior Girder 6	39.55	0.95	1	1	3.803955
SU6_serv	BOBJ1	101	231.61	After	Right Exterior Girder	39.55	0.95	1	1	4.623011
SU6_serv	BOBJ1	102	237.37	Before	Left Exterior Girder	45.31	0.95	1	1	6.212557
SU6_serv	BOBJ1	102	237.37	Before	Interior Girder 1	45.31	0.95	1	1	4.5923

TABLE: Bridge Super Rating AASHTORATE18 31 - SteelICompServ-Flx - Approach, Span 12-15										
Request	BridgeObj	BridgeCut	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	Unitless	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
SU6_serv	BOBJ1	102	237.37	Before	Interior Girder 2	45.31	0.95	1	1	4.328049
SU6_serv	BOBJ1	102	237.37	Before	Interior Girder 3	45.31	0.95	1	1	4.113781
SU6_serv	BOBJ1	102	237.37	Before	Interior Girder 4	45.31	0.95	1	1	4.113781
SU6_serv	BOBJ1	102	237.37	Before	Interior Girder 5	45.31	0.95	1	1	4.328049
SU6_serv	BOBJ1	102	237.37	Before	Interior Girder 6	45.31	0.95	1	1	4.5923
SU6_serv	BOBJ1	102	237.37	Before	Right Exterior Girder	45.31	0.95	1	1	6.212557
SU6_serv	BOBJ1	103	237.37	After	Left Exterior Girder	45.31	0.95	1	1	6.290178
SU6_serv	BOBJ1	103	237.37	After	Interior Girder 1	45.31	0.95	1	1	4.56556
SU6_serv	BOBJ1	103	237.37	After	Interior Girder 2	45.31	0.95	1	1	4.24485
SU6_serv	BOBJ1	103	237.37	After	Interior Girder 3	45.31	0.95	1	1	3.988935
SU6_serv	BOBJ1	103	237.37	After	Interior Girder 4	45.31	0.95	1	1	3.988935
SU6_serv	BOBJ1	103	237.37	After	Interior Girder 5	45.31	0.95	1	1	4.24485
SU6_serv	BOBJ1	103	237.37	After	Interior Girder 6	45.31	0.95	1	1	4.56556
SU6_serv	BOBJ1	103	237.37	After	Right Exterior Girder	45.31	0.95	1	1	6.290178
SU6_serv	BOBJ1	104	243.13	Before	Left Exterior Girder	51.07	0.95	1	1	11.530209
SU6_serv	BOBJ1	104	243.13	Before	Interior Girder 1	51.07	0.95	1	1	7.84208
SU6_serv	BOBJ1	104	243.13	Before	Interior Girder 2	51.07	0.95	1	1	7.373986
SU6_serv	BOBJ1	104	243.13	Before	Interior Girder 3	51.07	0.95	1	1	6.631457
SU6_serv	BOBJ1	104	243.13	Before	Interior Girder 4	51.07	0.95	1	1	6.631457
SU6_serv	BOBJ1	104	243.13	Before	Interior Girder 5	51.07	0.95	1	1	7.373986
SU6_serv	BOBJ1	104	243.13	Before	Interior Girder 6	51.07	0.95	1	1	7.84208
SU6_serv	BOBJ1	104	243.13	Before	Right Exterior Girder	51.07	0.95	1	1	11.530209
SU6_serv	BOBJ1	105	243.13	After	Left Exterior Girder	51.07	0.95	1	1	11.520508
SU6_serv	BOBJ1	105	243.13	After	Interior Girder 1	51.07	0.95	1	1	7.743686
SU6_serv	BOBJ1	105	243.13	After	Interior Girder 2	51.07	0.95	1	1	7.218013
SU6_serv	BOBJ1	105	243.13	After	Interior Girder 3	51.07	0.95	1	1	6.300926
SU6_serv	BOBJ1	105	243.13	After	Interior Girder 4	51.07	0.95	1	1	6.300926
SU6_serv	BOBJ1	105	243.13	After	Interior Girder 5	51.07	0.95	1	1	7.218013
SU6_serv	BOBJ1	105	243.13	After	Interior Girder 6	51.07	0.95	1	1	7.743686
SU6_serv	BOBJ1	105	243.13	After	Right Exterior Girder	51.07	0.95	1	1	11.520508
SU6_serv	BOBJ1	106	248.89	Before	Left Exterior Girder	56.83	0.95	1	1	486.029302
SU6_serv	BOBJ1	106	248.89	Before	Interior Girder 1	56.83	0.95	1	1	384.85308
SU6_serv	BOBJ1	106	248.89	Before	Interior Girder 2	56.83	0.95	1	1	243.874762
SU6_serv	BOBJ1	106	248.89	Before	Interior Girder 3	56.83	0.95	1	1	190.740058
SU6_serv	BOBJ1	106	248.89	Before	Interior Girder 4	56.83	0.95	1	1	190.740058
SU6_serv	BOBJ1	106	248.89	Before	Interior Girder 5	56.83	0.95	1	1	243.874762
SU6_serv	BOBJ1	106	248.89	Before	Interior Girder 6	56.83	0.95	1	1	384.85308
SU6_serv	BOBJ1	106	248.89	Before	Right Exterior Girder	56.83	0.95	1	1	486.029302
SU7_serv	BOBJ1	1	0	After	Left Exterior Girder	0	0.95	1	1	311.014114
SU7_serv	BOBJ1	1	0	After	Interior Girder 1	0	0.95	1	1	220.824865
SU7_serv	BOBJ1	1	0	After	Interior Girder 2	0	0.95	1	1	157.67774
SU7_serv	BOBJ1	1	0	After	Interior Girder 3	0	0.95	1	1	128.446628
SU7_serv	BOBJ1	1	0	After	Interior Girder 4	0	0.95	1	1	128.446628
SU7_serv	BOBJ1	1	0	After	Interior Girder 5	0	0.95	1	1	157.67774
SU7_serv	BOBJ1	1	0	After	Interior Girder 6	0	0.95	1	1	220.824865
SU7_serv	BOBJ1	1	0	After	Right Exterior Girder	0	0.95	1	1	311.014114
SU7_serv	BOBJ1	2	5.85	Before	Left Exterior Girder	5.85	0.95	1	1	8.980868
SU7_serv	BOBJ1	2	5.85	Before	Interior Girder 1	5.85	0.95	1	1	6.728086
SU7_serv	BOBJ1	2	5.85	Before	Interior Girder 2	5.85	0.95	1	1	6.123886
SU7_serv	BOBJ1	2	5.85	Before	Interior Girder 3	5.85	0.95	1	1	5.579779
SU7_serv	BOBJ1	2	5.85	Before	Interior Girder 4	5.85	0.95	1	1	5.579779
SU7_serv	BOBJ1	2	5.85	Before	Interior Girder 5	5.85	0.95	1	1	6.123886
SU7_serv	BOBJ1	2	5.85	Before	Interior Girder 6	5.85	0.95	1	1	6.728086
SU7_serv	BOBJ1	2	5.85	Before	Right Exterior Girder	5.85	0.95	1	1	8.980868
SU7_serv	BOBJ1	3	5.85	After	Left Exterior Girder	5.85	0.95	1	1	8.929794
SU7_serv	BOBJ1	3	5.85	After	Interior Girder 1	5.85	0.95	1	1	6.751537
SU7_serv	BOBJ1	3	5.85	After	Interior Girder 2	5.85	0.95	1	1	6.218159
SU7_serv	BOBJ1	3	5.85	After	Interior Girder 3	5.85	0.95	1	1	5.768928
SU7_serv	BOBJ1	3	5.85	After	Interior Girder 4	5.85	0.95	1	1	5.768928
SU7_serv	BOBJ1	3	5.85	After	Interior Girder 5	5.85	0.95	1	1	6.218159
SU7_serv	BOBJ1	3	5.85	After	Interior Girder 6	5.85	0.95	1	1	6.751537
SU7_serv	BOBJ1	3	5.85	After	Right Exterior Girder	5.85	0.95	1	1	8.929794
SU7_serv	BOBJ1	4	11.4667	Before	Left Exterior Girder	11.4667	0.95	1	1	4.895341
SU7_serv	BOBJ1	4	11.4667	Before	Interior Girder 1	11.4667	0.95	1	1	3.610447
SU7_serv	BOBJ1	4	11.4667	Before	Interior Girder 2	11.4667	0.95	1	1	3.360688
SU7_serv	BOBJ1	4	11.4667	Before	Interior Girder 3	11.4667	0.95	1	1	3.150256
SU7_serv	BOBJ1	4	11.4667	Before	Interior Girder 4	11.4667	0.95	1	1	3.150256
SU7_serv	BOBJ1	4	11.4667	Before	Interior Girder 5	11.4667	0.95	1	1	3.360688
SU7_serv	BOBJ1	4	11.4667	Before	Interior Girder 6	11.4667	0.95	1	1	3.610447
SU7_serv	BOBJ1	4	11.4667	Before	Right Exterior Girder	11.4667	0.95	1	1	4.895341
SU7_serv	BOBJ1	5	11.4667	After	Left Exterior Girder	11.4667	0.95	1	1	4.9316
SU7_serv	BOBJ1	5	11.4667	After	Interior Girder 1	11.4667	0.95	1	1	3.588485
SU7_serv	BOBJ1	5	11.4667	After	Interior Girder 2	11.4667	0.95	1	1	3.391311

TABLE: Bridge Super Rating AASHTORATE18 31 - SteelICompServ-Flx - Approach, Span 12-15										
Request	BridgeObj	BridgeCut	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	Unitless	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
SU7_serv	BOBJ1	5	11.4667	After	Interior Girder 3	11.4667	0.95	1	1	3.213455
SU7_serv	BOBJ1	5	11.4667	After	Interior Girder 4	11.4667	0.95	1	1	3.213455
SU7_serv	BOBJ1	5	11.4667	After	Interior Girder 5	11.4667	0.95	1	1	3.391311
SU7_serv	BOBJ1	5	11.4667	After	Interior Girder 6	11.4667	0.95	1	1	3.588485
SU7_serv	BOBJ1	5	11.4667	After	Right Exterior Girder	11.4667	0.95	1	1	4.9316
SU7_serv	BOBJ1	6	17.0833	Before	Left Exterior Girder	17.0833	0.95	1	1	3.586241
SU7_serv	BOBJ1	6	17.0833	Before	Interior Girder 1	17.0833	0.95	1	1	2.825761
SU7_serv	BOBJ1	6	17.0833	Before	Interior Girder 2	17.0833	0.95	1	1	2.673702
SU7_serv	BOBJ1	6	17.0833	Before	Interior Girder 3	17.0833	0.95	1	1	2.582635
SU7_serv	BOBJ1	6	17.0833	Before	Interior Girder 4	17.0833	0.95	1	1	2.582635
SU7_serv	BOBJ1	6	17.0833	Before	Interior Girder 5	17.0833	0.95	1	1	2.673702
SU7_serv	BOBJ1	6	17.0833	Before	Interior Girder 6	17.0833	0.95	1	1	2.825761
SU7_serv	BOBJ1	6	17.0833	Before	Right Exterior Girder	17.0833	0.95	1	1	3.586241
SU7_serv	BOBJ1	7	17.0833	After	Left Exterior Girder	17.0833	0.95	1	1	3.578976
SU7_serv	BOBJ1	7	17.0833	After	Interior Girder 1	17.0833	0.95	1	1	2.832668
SU7_serv	BOBJ1	7	17.0833	After	Interior Girder 2	17.0833	0.95	1	1	2.705518
SU7_serv	BOBJ1	7	17.0833	After	Interior Girder 3	17.0833	0.95	1	1	2.619649
SU7_serv	BOBJ1	7	17.0833	After	Interior Girder 4	17.0833	0.95	1	1	2.619649
SU7_serv	BOBJ1	7	17.0833	After	Interior Girder 5	17.0833	0.95	1	1	2.705518
SU7_serv	BOBJ1	7	17.0833	After	Interior Girder 6	17.0833	0.95	1	1	2.832668
SU7_serv	BOBJ1	7	17.0833	After	Right Exterior Girder	17.0833	0.95	1	1	3.578976
SU7_serv	BOBJ1	8	22.7	Before	Left Exterior Girder	22.7	0.95	1	1	3.156713
SU7_serv	BOBJ1	8	22.7	Before	Interior Girder 1	22.7	0.95	1	1	2.732349
SU7_serv	BOBJ1	8	22.7	Before	Interior Girder 2	22.7	0.95	1	1	2.58938
SU7_serv	BOBJ1	8	22.7	Before	Interior Girder 3	22.7	0.95	1	1	2.54578
SU7_serv	BOBJ1	8	22.7	Before	Interior Girder 4	22.7	0.95	1	1	2.54578
SU7_serv	BOBJ1	8	22.7	Before	Interior Girder 5	22.7	0.95	1	1	2.58938
SU7_serv	BOBJ1	8	22.7	Before	Interior Girder 6	22.7	0.95	1	1	2.732349
SU7_serv	BOBJ1	8	22.7	Before	Right Exterior Girder	22.7	0.95	1	1	3.156713
SU7_serv	BOBJ1	9	22.7	After	Left Exterior Girder	22.7	0.95	1	1	3.17272
SU7_serv	BOBJ1	9	22.7	After	Interior Girder 1	22.7	0.95	1	1	2.719576
SU7_serv	BOBJ1	9	22.7	After	Interior Girder 2	22.7	0.95	1	1	2.586486
SU7_serv	BOBJ1	9	22.7	After	Interior Girder 3	22.7	0.95	1	1	2.53993
SU7_serv	BOBJ1	9	22.7	After	Interior Girder 4	22.7	0.95	1	1	2.53993
SU7_serv	BOBJ1	9	22.7	After	Interior Girder 5	22.7	0.95	1	1	2.586486
SU7_serv	BOBJ1	9	22.7	After	Interior Girder 6	22.7	0.95	1	1	2.719576
SU7_serv	BOBJ1	9	22.7	After	Right Exterior Girder	22.7	0.95	1	1	3.17272
SU7_serv	BOBJ1	10	28.3167	Before	Left Exterior Girder	28.3167	0.95	1	1	3.434881
SU7_serv	BOBJ1	10	28.3167	Before	Interior Girder 1	28.3167	0.95	1	1	2.748163
SU7_serv	BOBJ1	10	28.3167	Before	Interior Girder 2	28.3167	0.95	1	1	2.620348
SU7_serv	BOBJ1	10	28.3167	Before	Interior Girder 3	28.3167	0.95	1	1	2.570349
SU7_serv	BOBJ1	10	28.3167	Before	Interior Girder 4	28.3167	0.95	1	1	2.570349
SU7_serv	BOBJ1	10	28.3167	Before	Interior Girder 5	28.3167	0.95	1	1	2.620348
SU7_serv	BOBJ1	10	28.3167	Before	Interior Girder 6	28.3167	0.95	1	1	2.748163
SU7_serv	BOBJ1	10	28.3167	Before	Right Exterior Girder	28.3167	0.95	1	1	3.434881
SU7_serv	BOBJ1	11	28.3167	After	Left Exterior Girder	28.3167	0.95	1	1	3.450915
SU7_serv	BOBJ1	11	28.3167	After	Interior Girder 1	28.3167	0.95	1	1	2.740818
SU7_serv	BOBJ1	11	28.3167	After	Interior Girder 2	28.3167	0.95	1	1	2.610097
SU7_serv	BOBJ1	11	28.3167	After	Interior Girder 3	28.3167	0.95	1	1	2.558851
SU7_serv	BOBJ1	11	28.3167	After	Interior Girder 4	28.3167	0.95	1	1	2.558851
SU7_serv	BOBJ1	11	28.3167	After	Interior Girder 5	28.3167	0.95	1	1	2.610097
SU7_serv	BOBJ1	11	28.3167	After	Interior Girder 6	28.3167	0.95	1	1	2.740818
SU7_serv	BOBJ1	11	28.3167	After	Right Exterior Girder	28.3167	0.95	1	1	3.450915
SU7_serv	BOBJ1	12	33.9333	Before	Left Exterior Girder	33.9333	0.95	1	1	4.15932
SU7_serv	BOBJ1	12	33.9333	Before	Interior Girder 1	33.9333	0.95	1	1	3.187202
SU7_serv	BOBJ1	12	33.9333	Before	Interior Girder 2	33.9333	0.95	1	1	3.023569
SU7_serv	BOBJ1	12	33.9333	Before	Interior Girder 3	33.9333	0.95	1	1	2.976916
SU7_serv	BOBJ1	12	33.9333	Before	Interior Girder 4	33.9333	0.95	1	1	2.976916
SU7_serv	BOBJ1	12	33.9333	Before	Interior Girder 5	33.9333	0.95	1	1	3.023569
SU7_serv	BOBJ1	12	33.9333	Before	Interior Girder 6	33.9333	0.95	1	1	3.187202
SU7_serv	BOBJ1	12	33.9333	Before	Right Exterior Girder	33.9333	0.95	1	1	4.15932
SU7_serv	BOBJ1	13	33.9333	After	Left Exterior Girder	33.9333	0.95	1	1	4.119585
SU7_serv	BOBJ1	13	33.9333	After	Interior Girder 1	33.9333	0.95	1	1	3.207737
SU7_serv	BOBJ1	13	33.9333	After	Interior Girder 2	33.9333	0.95	1	1	3.023762
SU7_serv	BOBJ1	13	33.9333	After	Interior Girder 3	33.9333	0.95	1	1	2.954491
SU7_serv	BOBJ1	13	33.9333	After	Interior Girder 4	33.9333	0.95	1	1	2.954491
SU7_serv	BOBJ1	13	33.9333	After	Interior Girder 5	33.9333	0.95	1	1	3.023762
SU7_serv	BOBJ1	13	33.9333	After	Interior Girder 6	33.9333	0.95	1	1	3.207737
SU7_serv	BOBJ1	13	33.9333	After	Right Exterior Girder	33.9333	0.95	1	1	4.119585
SU7_serv	BOBJ1	14	39.55	Before	Left Exterior Girder	39.55	0.95	1	1	5.619412
SU7_serv	BOBJ1	14	39.55	Before	Interior Girder 1	39.55	0.95	1	1	4.48567
SU7_serv	BOBJ1	14	39.55	Before	Interior Girder 2	39.55	0.95	1	1	4.151072
SU7_serv	BOBJ1	14	39.55	Before	Interior Girder 3	39.55	0.95	1	1	4.109581

TABLE: Bridge Super Rating AASHTORATE18 31 - SteelICompServ-Flx - Approach, Span 12-15										
Request	BridgeObj	BridgeCut	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	Unitless	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
SU7_serv	BOBJ1	14	39.55	Before	Interior Girder 4	39.55	0.95	1	1	4.109581
SU7_serv	BOBJ1	14	39.55	Before	Interior Girder 5	39.55	0.95	1	1	4.151072
SU7_serv	BOBJ1	14	39.55	Before	Interior Girder 6	39.55	0.95	1	1	4.48567
SU7_serv	BOBJ1	14	39.55	Before	Right Exterior Girder	39.55	0.95	1	1	5.619412
SU7_serv	BOBJ1	15	39.55	After	Left Exterior Girder	39.55	0.95	1	1	5.627961
SU7_serv	BOBJ1	15	39.55	After	Interior Girder 1	39.55	0.95	1	1	4.48627
SU7_serv	BOBJ1	15	39.55	After	Interior Girder 2	39.55	0.95	1	1	4.113071
SU7_serv	BOBJ1	15	39.55	After	Interior Girder 3	39.55	0.95	1	1	4.027647
SU7_serv	BOBJ1	15	39.55	After	Interior Girder 4	39.55	0.95	1	1	4.027647
SU7_serv	BOBJ1	15	39.55	After	Interior Girder 5	39.55	0.95	1	1	4.113071
SU7_serv	BOBJ1	15	39.55	After	Interior Girder 6	39.55	0.95	1	1	4.48627
SU7_serv	BOBJ1	15	39.55	After	Right Exterior Girder	39.55	0.95	1	1	5.627961
SU7_serv	BOBJ1	16	45.1733	Before	Left Exterior Girder	45.1226	0.95	1	1	4.658542
SU7_serv	BOBJ1	16	45.1733	Before	Interior Girder 1	45.1226	0.95	1	1	4.753838
SU7_serv	BOBJ1	16	45.1733	Before	Interior Girder 2	45.1226	0.95	1	1	4.557633
SU7_serv	BOBJ1	16	45.1733	Before	Interior Girder 3	45.1226	0.95	1	1	4.63152
SU7_serv	BOBJ1	16	45.1733	Before	Interior Girder 4	45.1226	0.95	1	1	4.63152
SU7_serv	BOBJ1	16	45.1733	Before	Interior Girder 5	45.1226	0.95	1	1	4.557633
SU7_serv	BOBJ1	16	45.1733	Before	Interior Girder 6	45.1226	0.95	1	1	4.753838
SU7_serv	BOBJ1	16	45.1733	Before	Right Exterior Girder	45.1226	0.95	1	1	4.658542
SU7_serv	BOBJ1	17	45.1733	After	Left Exterior Girder	45.1226	0.95	1	1	3.740581
SU7_serv	BOBJ1	17	45.1733	After	Interior Girder 1	45.1226	0.95	1	1	3.816903
SU7_serv	BOBJ1	17	45.1733	After	Interior Girder 2	45.1226	0.95	1	1	3.635488
SU7_serv	BOBJ1	17	45.1733	After	Interior Girder 3	45.1226	0.95	1	1	3.710421
SU7_serv	BOBJ1	17	45.1733	After	Interior Girder 4	45.1226	0.95	1	1	3.710421
SU7_serv	BOBJ1	17	45.1733	After	Interior Girder 5	45.1226	0.95	1	1	3.635488
SU7_serv	BOBJ1	17	45.1733	After	Interior Girder 6	45.1226	0.95	1	1	3.816903
SU7_serv	BOBJ1	17	45.1733	After	Right Exterior Girder	45.1226	0.95	1	1	3.740581
SU7_serv	BOBJ1	18	49.2561	Before	Left Exterior Girder	49.2561	0.95	1	1	2.872053
SU7_serv	BOBJ1	18	49.2561	Before	Right Exterior Girder	49.2561	0.95	1	1	2.872053
SU7_serv	BOBJ1	19	49.2561	After	Left Exterior Girder	49.2561	0.95	1	1	2.90194
SU7_serv	BOBJ1	19	49.2561	After	Right Exterior Girder	49.2561	0.95	1	1	2.90194
SU7_serv	BOBJ1	20	50.7967	Before	Left Exterior Girder	50.7967	0.95	1	1	5.824313
SU7_serv	BOBJ1	20	50.7967	Before	Interior Girder 1	50.7967	0.95	1	1	2.88527
SU7_serv	BOBJ1	20	50.7967	Before	Interior Girder 2	50.7967	0.95	1	1	2.729848
SU7_serv	BOBJ1	20	50.7967	Before	Interior Girder 3	50.7967	0.95	1	1	2.622105
SU7_serv	BOBJ1	20	50.7967	Before	Interior Girder 4	50.7967	0.95	1	1	2.622105
SU7_serv	BOBJ1	20	50.7967	Before	Interior Girder 5	50.7967	0.95	1	1	2.729848
SU7_serv	BOBJ1	20	50.7967	Before	Interior Girder 6	50.7967	0.95	1	1	2.88527
SU7_serv	BOBJ1	20	50.7967	Before	Right Exterior Girder	50.7967	0.95	1	1	5.824313
SU7_serv	BOBJ1	21	50.7967	After	Left Exterior Girder	50.7967	0.95	1	1	5.784206
SU7_serv	BOBJ1	21	50.7967	After	Interior Girder 1	50.7967	0.95	1	1	2.882956
SU7_serv	BOBJ1	21	50.7967	After	Interior Girder 2	50.7967	0.95	1	1	2.712119
SU7_serv	BOBJ1	21	50.7967	After	Interior Girder 3	50.7967	0.95	1	1	2.612373
SU7_serv	BOBJ1	21	50.7967	After	Interior Girder 4	50.7967	0.95	1	1	2.612373
SU7_serv	BOBJ1	21	50.7967	After	Interior Girder 5	50.7967	0.95	1	1	2.712119
SU7_serv	BOBJ1	21	50.7967	After	Interior Girder 6	50.7967	0.95	1	1	2.882956
SU7_serv	BOBJ1	21	50.7967	After	Right Exterior Girder	50.7967	0.95	1	1	5.784206
SU7_serv	BOBJ1	22	51.3989	Before	Interior Girder 1	51.3989	0.95	1	1	2.777261
SU7_serv	BOBJ1	22	51.3989	Before	Interior Girder 2	51.3989	0.95	1	1	2.625117
SU7_serv	BOBJ1	22	51.3989	Before	Interior Girder 3	51.3989	0.95	1	1	2.507891
SU7_serv	BOBJ1	22	51.3989	Before	Interior Girder 4	51.3989	0.95	1	1	2.507891
SU7_serv	BOBJ1	22	51.3989	Before	Interior Girder 5	51.3989	0.95	1	1	2.625117
SU7_serv	BOBJ1	22	51.3989	Before	Interior Girder 6	51.3989	0.95	1	1	2.777261
SU7_serv	BOBJ1	23	51.3989	After	Interior Girder 1	51.3989	0.95	1	1	4.096899
SU7_serv	BOBJ1	23	51.3989	After	Interior Girder 2	51.3989	0.95	1	1	3.847965
SU7_serv	BOBJ1	23	51.3989	After	Interior Girder 3	51.3989	0.95	1	1	3.707822
SU7_serv	BOBJ1	23	51.3989	After	Interior Girder 4	51.3989	0.95	1	1	3.707822
SU7_serv	BOBJ1	23	51.3989	After	Interior Girder 5	51.3989	0.95	1	1	3.847965
SU7_serv	BOBJ1	23	51.3989	After	Interior Girder 6	51.3989	0.95	1	1	4.096899
SU7_serv	BOBJ1	24	56.42	Before	Left Exterior Girder	56.42	0.95	1	1	4.405618
SU7_serv	BOBJ1	24	56.42	Before	Interior Girder 1	56.42	0.95	1	1	3.155717
SU7_serv	BOBJ1	24	56.42	Before	Interior Girder 2	56.42	0.95	1	1	2.87789
SU7_serv	BOBJ1	24	56.42	Before	Interior Girder 3	56.42	0.95	1	1	2.480474
SU7_serv	BOBJ1	24	56.42	Before	Interior Girder 4	56.42	0.95	1	1	2.480474
SU7_serv	BOBJ1	24	56.42	Before	Interior Girder 5	56.42	0.95	1	1	2.87789
SU7_serv	BOBJ1	24	56.42	Before	Interior Girder 6	56.42	0.95	1	1	3.155717
SU7_serv	BOBJ1	24	56.42	Before	Right Exterior Girder	56.42	0.95	1	1	4.405618
SU7_serv	BOBJ1	25	56.42	After	Left Exterior Girder	0	0.95	1	1	4.533155
SU7_serv	BOBJ1	25	56.42	After	Interior Girder 1	0	0.95	1	1	2.858326
SU7_serv	BOBJ1	25	56.42	After	Interior Girder 2	0	0.95	1	1	2.690449
SU7_serv	BOBJ1	25	56.42	After	Interior Girder 3	0	0.95	1	1	2.326807
SU7_serv	BOBJ1	25	56.42	After	Interior Girder 4	0	0.95	1	1	2.326807

TABLE: Bridge Super Rating AASHTORATE18 31 - SteelICompServ-Flx - Approach, Span 12-15										
Request	BridgeObj	BridgeCut	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	Unitless	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
SU7_serv	BOBJ1	25	56.42	After	Interior Girder 5	0	0.95	1	1	2.690449
SU7_serv	BOBJ1	25	56.42	After	Interior Girder 6	0	0.95	1	1	2.858326
SU7_serv	BOBJ1	25	56.42	After	Right Exterior Girder	0	0.95	1	1	4.533155
SU7_serv	BOBJ1	26	62.0367	Before	Left Exterior Girder	5.6167	0.95	1	1	7.473758
SU7_serv	BOBJ1	26	62.0367	Before	Interior Girder 1	5.6167	0.95	1	1	5.157409
SU7_serv	BOBJ1	26	62.0367	Before	Interior Girder 2	5.6167	0.95	1	1	4.756981
SU7_serv	BOBJ1	26	62.0367	Before	Interior Girder 3	5.6167	0.95	1	1	4.487428
SU7_serv	BOBJ1	26	62.0367	Before	Interior Girder 4	5.6167	0.95	1	1	4.487428
SU7_serv	BOBJ1	26	62.0367	Before	Interior Girder 5	5.6167	0.95	1	1	4.756981
SU7_serv	BOBJ1	26	62.0367	Before	Interior Girder 6	5.6167	0.95	1	1	5.157409
SU7_serv	BOBJ1	26	62.0367	Before	Right Exterior Girder	5.6167	0.95	1	1	7.473758
SU7_serv	BOBJ1	27	62.0367	After	Left Exterior Girder	5.6167	0.95	1	1	7.401376
SU7_serv	BOBJ1	27	62.0367	After	Interior Girder 1	5.6167	0.95	1	1	5.23553
SU7_serv	BOBJ1	27	62.0367	After	Interior Girder 2	5.6167	0.95	1	1	4.83345
SU7_serv	BOBJ1	27	62.0367	After	Interior Girder 3	5.6167	0.95	1	1	4.563698
SU7_serv	BOBJ1	27	62.0367	After	Interior Girder 4	5.6167	0.95	1	1	4.563698
SU7_serv	BOBJ1	27	62.0367	After	Interior Girder 5	5.6167	0.95	1	1	4.83345
SU7_serv	BOBJ1	27	62.0367	After	Interior Girder 6	5.6167	0.95	1	1	5.23553
SU7_serv	BOBJ1	27	62.0367	After	Right Exterior Girder	5.6167	0.95	1	1	7.401376
SU7_serv	BOBJ1	28	62.4203	Before	Interior Girder 1	6.0003	0.95	1	1	5.330717
SU7_serv	BOBJ1	28	62.4203	Before	Interior Girder 2	6.0003	0.95	1	1	4.915838
SU7_serv	BOBJ1	28	62.4203	Before	Interior Girder 3	6.0003	0.95	1	1	4.664713
SU7_serv	BOBJ1	28	62.4203	Before	Interior Girder 4	6.0003	0.95	1	1	4.664713
SU7_serv	BOBJ1	28	62.4203	Before	Interior Girder 5	6.0003	0.95	1	1	4.915838
SU7_serv	BOBJ1	28	62.4203	Before	Interior Girder 6	6.0003	0.95	1	1	5.330717
SU7_serv	BOBJ1	29	62.4203	After	Interior Girder 1	6.0003	0.95	1	1	3.604913
SU7_serv	BOBJ1	29	62.4203	After	Interior Girder 2	6.0003	0.95	1	1	3.363188
SU7_serv	BOBJ1	29	62.4203	After	Interior Girder 3	6.0003	0.95	1	1	3.156598
SU7_serv	BOBJ1	29	62.4203	After	Interior Girder 4	6.0003	0.95	1	1	3.156598
SU7_serv	BOBJ1	29	62.4203	After	Interior Girder 5	6.0003	0.95	1	1	3.363188
SU7_serv	BOBJ1	29	62.4203	After	Interior Girder 6	6.0003	0.95	1	1	3.604913
SU7_serv	BOBJ1	30	64.9204	Before	Left Exterior Girder	8.5004	0.95	1	1	8.35939
SU7_serv	BOBJ1	30	64.9204	Before	Right Exterior Girder	8.5004	0.95	1	1	8.35939
SU7_serv	BOBJ1	31	64.9204	After	Left Exterior Girder	8.5004	0.95	1	1	3.97325
SU7_serv	BOBJ1	31	64.9204	After	Right Exterior Girder	8.5004	0.95	1	1	3.97325
SU7_serv	BOBJ1	32	67.6533	Before	Left Exterior Girder	11.2333	0.95	1	1	4.707116
SU7_serv	BOBJ1	32	67.6533	Before	Interior Girder 1	11.2333	0.95	1	1	4.689693
SU7_serv	BOBJ1	32	67.6533	Before	Interior Girder 2	11.2333	0.95	1	1	4.395983
SU7_serv	BOBJ1	32	67.6533	Before	Interior Girder 3	11.2333	0.95	1	1	4.394719
SU7_serv	BOBJ1	32	67.6533	Before	Interior Girder 4	11.2333	0.95	1	1	4.394719
SU7_serv	BOBJ1	32	67.6533	Before	Interior Girder 5	11.2333	0.95	1	1	4.395983
SU7_serv	BOBJ1	32	67.6533	Before	Interior Girder 6	11.2333	0.95	1	1	4.689693
SU7_serv	BOBJ1	32	67.6533	Before	Right Exterior Girder	11.2333	0.95	1	1	4.707116
SU7_serv	BOBJ1	33	67.6533	After	Left Exterior Girder	11.2333	0.95	1	1	4.672054
SU7_serv	BOBJ1	33	67.6533	After	Interior Girder 1	11.2333	0.95	1	1	4.723032
SU7_serv	BOBJ1	33	67.6533	After	Interior Girder 2	11.2333	0.95	1	1	4.455354
SU7_serv	BOBJ1	33	67.6533	After	Interior Girder 3	11.2333	0.95	1	1	4.440221
SU7_serv	BOBJ1	33	67.6533	After	Interior Girder 4	11.2333	0.95	1	1	4.440221
SU7_serv	BOBJ1	33	67.6533	After	Interior Girder 5	11.2333	0.95	1	1	4.455354
SU7_serv	BOBJ1	33	67.6533	After	Interior Girder 6	11.2333	0.95	1	1	4.723032
SU7_serv	BOBJ1	33	67.6533	After	Right Exterior Girder	11.2333	0.95	1	1	4.672054
SU7_serv	BOBJ1	34	73.27	Before	Left Exterior Girder	16.85	0.95	1	1	5.620702
SU7_serv	BOBJ1	34	73.27	Before	Interior Girder 1	16.85	0.95	1	1	4.472227
SU7_serv	BOBJ1	34	73.27	Before	Interior Girder 2	16.85	0.95	1	1	4.058059
SU7_serv	BOBJ1	34	73.27	Before	Interior Girder 3	16.85	0.95	1	1	3.950476
SU7_serv	BOBJ1	34	73.27	Before	Interior Girder 4	16.85	0.95	1	1	3.950476
SU7_serv	BOBJ1	34	73.27	Before	Interior Girder 5	16.85	0.95	1	1	4.058059
SU7_serv	BOBJ1	34	73.27	Before	Interior Girder 6	16.85	0.95	1	1	4.472227
SU7_serv	BOBJ1	34	73.27	Before	Right Exterior Girder	16.85	0.95	1	1	5.620702
SU7_serv	BOBJ1	35	73.27	After	Left Exterior Girder	16.85	0.95	1	1	5.685967
SU7_serv	BOBJ1	35	73.27	After	Interior Girder 1	16.85	0.95	1	1	4.431586
SU7_serv	BOBJ1	35	73.27	After	Interior Girder 2	16.85	0.95	1	1	4.070333
SU7_serv	BOBJ1	35	73.27	After	Interior Girder 3	16.85	0.95	1	1	4.015878
SU7_serv	BOBJ1	35	73.27	After	Interior Girder 4	16.85	0.95	1	1	4.015878
SU7_serv	BOBJ1	35	73.27	After	Interior Girder 5	16.85	0.95	1	1	4.070333
SU7_serv	BOBJ1	35	73.27	After	Interior Girder 6	16.85	0.95	1	1	4.431586
SU7_serv	BOBJ1	35	73.27	After	Right Exterior Girder	16.85	0.95	1	1	5.685967
SU7_serv	BOBJ1	36	78.8867	Before	Left Exterior Girder	22.4667	0.95	1	1	3.911525
SU7_serv	BOBJ1	36	78.8867	Before	Interior Girder 1	22.4667	0.95	1	1	3.076396
SU7_serv	BOBJ1	36	78.8867	Before	Interior Girder 2	22.4667	0.95	1	1	2.886019
SU7_serv	BOBJ1	36	78.8867	Before	Interior Girder 3	22.4667	0.95	1	1	2.809449
SU7_serv	BOBJ1	36	78.8867	Before	Interior Girder 4	22.4667	0.95	1	1	2.809449
SU7_serv	BOBJ1	36	78.8867	Before	Interior Girder 5	22.4667	0.95	1	1	2.886019

TABLE: Bridge Super Rating AASHTORATE18 31 - SteelICompServ-Flx - Approach, Span 12-15										
Request	BridgeObj	BridgeCut	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	Unitless	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
SU7_serv	BOBJ1	36	78.8867	Before	Interior Girder 6	22.4667	0.95	1	1	3.076396
SU7_serv	BOBJ1	36	78.8867	Before	Right Exterior Girder	22.4667	0.95	1	1	3.911525
SU7_serv	BOBJ1	37	78.8867	After	Left Exterior Girder	22.4667	0.95	1	1	3.965746
SU7_serv	BOBJ1	37	78.8867	After	Interior Girder 1	22.4667	0.95	1	1	3.049298
SU7_serv	BOBJ1	37	78.8867	After	Interior Girder 2	22.4667	0.95	1	1	2.882944
SU7_serv	BOBJ1	37	78.8867	After	Interior Girder 3	22.4667	0.95	1	1	2.835234
SU7_serv	BOBJ1	37	78.8867	After	Interior Girder 4	22.4667	0.95	1	1	2.835234
SU7_serv	BOBJ1	37	78.8867	After	Interior Girder 5	22.4667	0.95	1	1	2.882944
SU7_serv	BOBJ1	37	78.8867	After	Interior Girder 6	22.4667	0.95	1	1	3.049298
SU7_serv	BOBJ1	37	78.8867	After	Right Exterior Girder	22.4667	0.95	1	1	3.965746
SU7_serv	BOBJ1	38	84.5033	Before	Left Exterior Girder	28.0833	0.95	1	1	3.137288
SU7_serv	BOBJ1	38	84.5033	Before	Interior Girder 1	28.0833	0.95	1	1	2.581363
SU7_serv	BOBJ1	38	84.5033	Before	Interior Girder 2	28.0833	0.95	1	1	2.453889
SU7_serv	BOBJ1	38	84.5033	Before	Interior Girder 3	28.0833	0.95	1	1	2.408729
SU7_serv	BOBJ1	38	84.5033	Before	Interior Girder 4	28.0833	0.95	1	1	2.408729
SU7_serv	BOBJ1	38	84.5033	Before	Interior Girder 5	28.0833	0.95	1	1	2.453889
SU7_serv	BOBJ1	38	84.5033	Before	Interior Girder 6	28.0833	0.95	1	1	2.581363
SU7_serv	BOBJ1	38	84.5033	Before	Right Exterior Girder	28.0833	0.95	1	1	3.137288
SU7_serv	BOBJ1	39	84.5033	After	Left Exterior Girder	28.0833	0.95	1	1	3.132669
SU7_serv	BOBJ1	39	84.5033	After	Interior Girder 1	28.0833	0.95	1	1	2.583977
SU7_serv	BOBJ1	39	84.5033	After	Interior Girder 2	28.0833	0.95	1	1	2.462834
SU7_serv	BOBJ1	39	84.5033	After	Interior Girder 3	28.0833	0.95	1	1	2.420452
SU7_serv	BOBJ1	39	84.5033	After	Interior Girder 4	28.0833	0.95	1	1	2.420452
SU7_serv	BOBJ1	39	84.5033	After	Interior Girder 5	28.0833	0.95	1	1	2.462834
SU7_serv	BOBJ1	39	84.5033	After	Interior Girder 6	28.0833	0.95	1	1	2.583977
SU7_serv	BOBJ1	39	84.5033	After	Right Exterior Girder	28.0833	0.95	1	1	3.132669
SU7_serv	BOBJ1	40	90.12	Before	Left Exterior Girder	33.7	0.95	1	1	2.789772
SU7_serv	BOBJ1	40	90.12	Before	Interior Girder 1	33.7	0.95	1	1	2.535289
SU7_serv	BOBJ1	40	90.12	Before	Interior Girder 2	33.7	0.95	1	1	2.413368
SU7_serv	BOBJ1	40	90.12	Before	Interior Girder 3	33.7	0.95	1	1	2.391044
SU7_serv	BOBJ1	40	90.12	Before	Interior Girder 4	33.7	0.95	1	1	2.391044
SU7_serv	BOBJ1	40	90.12	Before	Interior Girder 5	33.7	0.95	1	1	2.413368
SU7_serv	BOBJ1	40	90.12	Before	Interior Girder 6	33.7	0.95	1	1	2.535289
SU7_serv	BOBJ1	40	90.12	Before	Right Exterior Girder	33.7	0.95	1	1	2.789772
SU7_serv	BOBJ1	41	90.12	After	Left Exterior Girder	33.7	0.95	1	1	2.798983
SU7_serv	BOBJ1	41	90.12	After	Interior Girder 1	33.7	0.95	1	1	2.528764
SU7_serv	BOBJ1	41	90.12	After	Interior Girder 2	33.7	0.95	1	1	2.409064
SU7_serv	BOBJ1	41	90.12	After	Interior Girder 3	33.7	0.95	1	1	2.385547
SU7_serv	BOBJ1	41	90.12	After	Interior Girder 4	33.7	0.95	1	1	2.385547
SU7_serv	BOBJ1	41	90.12	After	Interior Girder 5	33.7	0.95	1	1	2.409064
SU7_serv	BOBJ1	41	90.12	After	Interior Girder 6	33.7	0.95	1	1	2.528764
SU7_serv	BOBJ1	41	90.12	After	Right Exterior Girder	33.7	0.95	1	1	2.798983
SU7_serv	BOBJ1	42	95.7367	Before	Left Exterior Girder	39.3167	0.95	1	1	3.104208
SU7_serv	BOBJ1	42	95.7367	Before	Interior Girder 1	39.3167	0.95	1	1	2.565492
SU7_serv	BOBJ1	42	95.7367	Before	Interior Girder 2	39.3167	0.95	1	1	2.446263
SU7_serv	BOBJ1	42	95.7367	Before	Interior Girder 3	39.3167	0.95	1	1	2.406671
SU7_serv	BOBJ1	42	95.7367	Before	Interior Girder 4	39.3167	0.95	1	1	2.406671
SU7_serv	BOBJ1	42	95.7367	Before	Interior Girder 5	39.3167	0.95	1	1	2.446263
SU7_serv	BOBJ1	42	95.7367	Before	Interior Girder 6	39.3167	0.95	1	1	2.565492
SU7_serv	BOBJ1	42	95.7367	Before	Right Exterior Girder	39.3167	0.95	1	1	3.104208
SU7_serv	BOBJ1	43	95.7367	After	Left Exterior Girder	39.3167	0.95	1	1	3.110826
SU7_serv	BOBJ1	43	95.7367	After	Interior Girder 1	39.3167	0.95	1	1	2.561897
SU7_serv	BOBJ1	43	95.7367	After	Interior Girder 2	39.3167	0.95	1	1	2.437638
SU7_serv	BOBJ1	43	95.7367	After	Interior Girder 3	39.3167	0.95	1	1	2.395703
SU7_serv	BOBJ1	43	95.7367	After	Interior Girder 4	39.3167	0.95	1	1	2.395703
SU7_serv	BOBJ1	43	95.7367	After	Interior Girder 5	39.3167	0.95	1	1	2.437638
SU7_serv	BOBJ1	43	95.7367	After	Interior Girder 6	39.3167	0.95	1	1	2.561897
SU7_serv	BOBJ1	43	95.7367	After	Right Exterior Girder	39.3167	0.95	1	1	3.110826
SU7_serv	BOBJ1	44	101.3533	Before	Left Exterior Girder	44.9333	0.95	1	1	3.875023
SU7_serv	BOBJ1	44	101.3533	Before	Interior Girder 1	44.9333	0.95	1	1	3.011455
SU7_serv	BOBJ1	44	101.3533	Before	Interior Girder 2	44.9333	0.95	1	1	2.847376
SU7_serv	BOBJ1	44	101.3533	Before	Interior Girder 3	44.9333	0.95	1	1	2.80803
SU7_serv	BOBJ1	44	101.3533	Before	Interior Girder 4	44.9333	0.95	1	1	2.80803
SU7_serv	BOBJ1	44	101.3533	Before	Interior Girder 5	44.9333	0.95	1	1	2.847376
SU7_serv	BOBJ1	44	101.3533	Before	Interior Girder 6	44.9333	0.95	1	1	3.011455
SU7_serv	BOBJ1	44	101.3533	Before	Right Exterior Girder	44.9333	0.95	1	1	3.875023
SU7_serv	BOBJ1	45	101.3533	After	Left Exterior Girder	44.9333	0.95	1	1	3.823339
SU7_serv	BOBJ1	45	101.3533	After	Interior Girder 1	44.9333	0.95	1	1	3.03703
SU7_serv	BOBJ1	45	101.3533	After	Interior Girder 2	44.9333	0.95	1	1	2.851713
SU7_serv	BOBJ1	45	101.3533	After	Interior Girder 3	44.9333	0.95	1	1	2.784087
SU7_serv	BOBJ1	45	101.3533	After	Interior Girder 4	44.9333	0.95	1	1	2.784087
SU7_serv	BOBJ1	45	101.3533	After	Interior Girder 5	44.9333	0.95	1	1	2.851713
SU7_serv	BOBJ1	45	101.3533	After	Interior Girder 6	44.9333	0.95	1	1	3.03703

TABLE: Bridge Super Rating AASHTORATE18 31 - SteelICompServ-Flx - Approach, Span 12-15										
Request	BridgeObj	BridgeCut	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	Unitless	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
SU7_serv	BOBJ1	45	101.3533	After	Right Exterior Girder	44.9333	0.95	1	1	3.823339
SU7_serv	BOBJ1	46	106.97	Before	Left Exterior Girder	50.55	0.95	1	1	5.167128
SU7_serv	BOBJ1	46	106.97	Before	Interior Girder 1	50.55	0.95	1	1	4.337148
SU7_serv	BOBJ1	46	106.97	Before	Interior Girder 2	50.55	0.95	1	1	3.983619
SU7_serv	BOBJ1	46	106.97	Before	Interior Girder 3	50.55	0.95	1	1	3.948009
SU7_serv	BOBJ1	46	106.97	Before	Interior Girder 4	50.55	0.95	1	1	3.948009
SU7_serv	BOBJ1	46	106.97	Before	Interior Girder 5	50.55	0.95	1	1	3.983619
SU7_serv	BOBJ1	46	106.97	Before	Interior Girder 6	50.55	0.95	1	1	4.337148
SU7_serv	BOBJ1	46	106.97	Before	Right Exterior Girder	50.55	0.95	1	1	5.167128
SU7_serv	BOBJ1	47	106.97	After	Left Exterior Girder	50.55	0.95	1	1	5.202194
SU7_serv	BOBJ1	47	106.97	After	Interior Girder 1	50.55	0.95	1	1	4.345382
SU7_serv	BOBJ1	47	106.97	After	Interior Girder 2	50.55	0.95	1	1	3.956452
SU7_serv	BOBJ1	47	106.97	After	Interior Girder 3	50.55	0.95	1	1	3.868654
SU7_serv	BOBJ1	47	106.97	After	Interior Girder 4	50.55	0.95	1	1	3.868654
SU7_serv	BOBJ1	47	106.97	After	Interior Girder 5	50.55	0.95	1	1	3.956452
SU7_serv	BOBJ1	47	106.97	After	Interior Girder 6	50.55	0.95	1	1	4.345382
SU7_serv	BOBJ1	47	106.97	After	Right Exterior Girder	50.55	0.95	1	1	5.202194
SU7_serv	BOBJ1	48	112.5933	Before	Left Exterior Girder	56.1733	0.95	1	1	3.857988
SU7_serv	BOBJ1	48	112.5933	Before	Interior Girder 1	56.1733	0.95	1	1	3.995246
SU7_serv	BOBJ1	48	112.5933	Before	Interior Girder 2	56.1733	0.95	1	1	3.800788
SU7_serv	BOBJ1	48	112.5933	Before	Interior Girder 3	56.1733	0.95	1	1	3.843054
SU7_serv	BOBJ1	48	112.5933	Before	Interior Girder 4	56.1733	0.95	1	1	3.843054
SU7_serv	BOBJ1	48	112.5933	Before	Interior Girder 5	56.1733	0.95	1	1	3.800788
SU7_serv	BOBJ1	48	112.5933	Before	Interior Girder 6	56.1733	0.95	1	1	3.995246
SU7_serv	BOBJ1	48	112.5933	Before	Right Exterior Girder	56.1733	0.95	1	1	3.857988
SU7_serv	BOBJ1	49	112.5933	After	Left Exterior Girder	56.1733	0.95	1	1	3.880635
SU7_serv	BOBJ1	49	112.5933	After	Interior Girder 1	56.1733	0.95	1	1	3.974875
SU7_serv	BOBJ1	49	112.5933	After	Interior Girder 2	56.1733	0.95	1	1	3.764035
SU7_serv	BOBJ1	49	112.5933	After	Interior Girder 3	56.1733	0.95	1	1	3.81541
SU7_serv	BOBJ1	49	112.5933	After	Interior Girder 4	56.1733	0.95	1	1	3.81541
SU7_serv	BOBJ1	49	112.5933	After	Interior Girder 5	56.1733	0.95	1	1	3.764035
SU7_serv	BOBJ1	49	112.5933	After	Interior Girder 6	56.1733	0.95	1	1	3.974875
SU7_serv	BOBJ1	49	112.5933	After	Right Exterior Girder	56.1733	0.95	1	1	3.880635
SU7_serv	BOBJ1	50	115.3396	Before	Left Exterior Girder	58.9196	0.95	1	1	3.258361
SU7_serv	BOBJ1	50	115.3396	Before	Right Exterior Girder	58.9196	0.95	1	1	3.258361
SU7_serv	BOBJ1	51	115.3396	After	Left Exterior Girder	58.9196	0.95	1	1	6.892422
SU7_serv	BOBJ1	51	115.3396	After	Right Exterior Girder	58.9196	0.95	1	1	6.892422
SU7_serv	BOBJ1	52	118.2167	Before	Left Exterior Girder	61.7967	0.95	1	1	6.107124
SU7_serv	BOBJ1	52	118.2167	Before	Interior Girder 1	61.9198	0.95	1	1	2.963773
SU7_serv	BOBJ1	52	118.2167	Before	Interior Girder 2	61.9198	0.95	1	1	2.812456
SU7_serv	BOBJ1	52	118.2167	Before	Interior Girder 3	61.9198	0.95	1	1	2.680406
SU7_serv	BOBJ1	52	118.2167	Before	Interior Girder 4	61.9198	0.95	1	1	2.680406
SU7_serv	BOBJ1	52	118.2167	Before	Interior Girder 5	61.9198	0.95	1	1	2.812456
SU7_serv	BOBJ1	52	118.2167	Before	Interior Girder 6	61.9198	0.95	1	1	2.963773
SU7_serv	BOBJ1	52	118.2167	Before	Right Exterior Girder	61.7967	0.95	1	1	6.107124
SU7_serv	BOBJ1	53	118.2167	After	Left Exterior Girder	61.7967	0.95	1	1	6.107582
SU7_serv	BOBJ1	53	118.2167	After	Interior Girder 1	61.9198	0.95	1	1	4.412597
SU7_serv	BOBJ1	53	118.2167	After	Interior Girder 2	61.9198	0.95	1	1	4.100341
SU7_serv	BOBJ1	53	118.2167	After	Interior Girder 3	61.9198	0.95	1	1	3.948429
SU7_serv	BOBJ1	53	118.2167	After	Interior Girder 4	61.9198	0.95	1	1	3.948429
SU7_serv	BOBJ1	53	118.2167	After	Interior Girder 5	61.9198	0.95	1	1	4.100341
SU7_serv	BOBJ1	53	118.2167	After	Interior Girder 6	61.9198	0.95	1	1	4.412597
SU7_serv	BOBJ1	53	118.2167	After	Right Exterior Girder	61.7967	0.95	1	1	6.107582
SU7_serv	BOBJ1	54	123.84	Before	Left Exterior Girder	67.42	0.95	1	1	4.567935
SU7_serv	BOBJ1	54	123.84	Before	Interior Girder 1	67.42	0.95	1	1	3.008061
SU7_serv	BOBJ1	54	123.84	Before	Interior Girder 2	67.42	0.95	1	1	2.754005
SU7_serv	BOBJ1	54	123.84	Before	Interior Girder 3	67.42	0.95	1	1	2.342222
SU7_serv	BOBJ1	54	123.84	Before	Interior Girder 4	67.42	0.95	1	1	2.342222
SU7_serv	BOBJ1	54	123.84	Before	Interior Girder 5	67.42	0.95	1	1	2.754005
SU7_serv	BOBJ1	54	123.84	Before	Interior Girder 6	67.42	0.95	1	1	3.008061
SU7_serv	BOBJ1	54	123.84	Before	Right Exterior Girder	67.42	0.95	1	1	4.567935
SU7_serv	BOBJ1	55	123.84	After	Left Exterior Girder	0	0.95	1	1	4.520295
SU7_serv	BOBJ1	55	123.84	After	Interior Girder 1	0	0.95	1	1	2.978211
SU7_serv	BOBJ1	55	123.84	After	Interior Girder 2	0	0.95	1	1	2.746376
SU7_serv	BOBJ1	55	123.84	After	Interior Girder 3	0	0.95	1	1	2.328026
SU7_serv	BOBJ1	55	123.84	After	Interior Girder 4	0	0.95	1	1	2.328026
SU7_serv	BOBJ1	55	123.84	After	Interior Girder 5	0	0.95	1	1	2.746376
SU7_serv	BOBJ1	55	123.84	After	Interior Girder 6	0	0.95	1	1	2.978211
SU7_serv	BOBJ1	55	123.84	After	Right Exterior Girder	0	0.95	1	1	4.520295
SU7_serv	BOBJ1	56	129.34	Before	Interior Girder 1	5.5	0.95	1	1	4.456591
SU7_serv	BOBJ1	56	129.34	Before	Interior Girder 2	5.5	0.95	1	1	4.16305
SU7_serv	BOBJ1	56	129.34	Before	Interior Girder 3	5.5	0.95	1	1	4.000058
SU7_serv	BOBJ1	56	129.34	Before	Interior Girder 4	5.5	0.95	1	1	4.000058

TABLE: Bridge Super Rating AASHTORATE18 31 - SteelICompServ-Flx - Approach, Span 12-15										
Request	BridgeObj	BridgeCut	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	Unitless	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
SU7_serv	BOBJ1	56	129.34	Before	Interior Girder 5	5.5	0.95	1	1	4.16305
SU7_serv	BOBJ1	56	129.34	Before	Interior Girder 6	5.5	0.95	1	1	4.456591
SU7_serv	BOBJ1	57	129.34	After	Interior Girder 1	5.5	0.95	1	1	3.031813
SU7_serv	BOBJ1	57	129.34	After	Interior Girder 2	5.5	0.95	1	1	2.847463
SU7_serv	BOBJ1	57	129.34	After	Interior Girder 3	5.5	0.95	1	1	2.714404
SU7_serv	BOBJ1	57	129.34	After	Interior Girder 4	5.5	0.95	1	1	2.714404
SU7_serv	BOBJ1	57	129.34	After	Interior Girder 5	5.5	0.95	1	1	2.847463
SU7_serv	BOBJ1	57	129.34	After	Interior Girder 6	5.5	0.95	1	1	3.031813
SU7_serv	BOBJ1	58	130.79	Before	Left Exterior Girder	6.95	0.95	1	1	6.511571
SU7_serv	BOBJ1	58	130.79	Before	Interior Girder 1	6.95	0.95	1	1	3.301889
SU7_serv	BOBJ1	58	130.79	Before	Interior Girder 2	6.95	0.95	1	1	3.077833
SU7_serv	BOBJ1	58	130.79	Before	Interior Girder 3	6.95	0.95	1	1	2.997505
SU7_serv	BOBJ1	58	130.79	Before	Interior Girder 4	6.95	0.95	1	1	2.997505
SU7_serv	BOBJ1	58	130.79	Before	Interior Girder 5	6.95	0.95	1	1	3.077833
SU7_serv	BOBJ1	58	130.79	Before	Interior Girder 6	6.95	0.95	1	1	3.301889
SU7_serv	BOBJ1	58	130.79	Before	Right Exterior Girder	6.95	0.95	1	1	6.511571
SU7_serv	BOBJ1	59	130.79	After	Left Exterior Girder	6.95	0.95	1	1	6.567049
SU7_serv	BOBJ1	59	130.79	After	Interior Girder 1	6.95	0.95	1	1	3.285901
SU7_serv	BOBJ1	59	130.79	After	Interior Girder 2	6.95	0.95	1	1	3.103766
SU7_serv	BOBJ1	59	130.79	After	Interior Girder 3	6.95	0.95	1	1	3.017091
SU7_serv	BOBJ1	59	130.79	After	Interior Girder 4	6.95	0.95	1	1	3.017091
SU7_serv	BOBJ1	59	130.79	After	Interior Girder 5	6.95	0.95	1	1	3.103766
SU7_serv	BOBJ1	59	130.79	After	Interior Girder 6	6.95	0.95	1	1	3.285901
SU7_serv	BOBJ1	59	130.79	After	Right Exterior Girder	6.95	0.95	1	1	6.567049
SU7_serv	BOBJ1	60	132.34	Before	Left Exterior Girder	8.5	0.95	1	1	7.040454
SU7_serv	BOBJ1	60	132.34	Before	Right Exterior Girder	8.5	0.95	1	1	7.040454
SU7_serv	BOBJ1	61	132.34	After	Left Exterior Girder	8.5	0.95	1	1	3.292057
SU7_serv	BOBJ1	61	132.34	After	Right Exterior Girder	8.5	0.95	1	1	3.292057
SU7_serv	BOBJ1	62	137.74	Before	Left Exterior Girder	13.9	0.95	1	1	4.531318
SU7_serv	BOBJ1	62	137.74	Before	Interior Girder 1	13.9	0.95	1	1	4.582832
SU7_serv	BOBJ1	62	137.74	Before	Interior Girder 2	13.9	0.95	1	1	4.412945
SU7_serv	BOBJ1	62	137.74	Before	Interior Girder 3	13.9	0.95	1	1	4.605398
SU7_serv	BOBJ1	62	137.74	Before	Interior Girder 4	13.9	0.95	1	1	4.605398
SU7_serv	BOBJ1	62	137.74	Before	Interior Girder 5	13.9	0.95	1	1	4.412945
SU7_serv	BOBJ1	62	137.74	Before	Interior Girder 6	13.9	0.95	1	1	4.582832
SU7_serv	BOBJ1	62	137.74	Before	Right Exterior Girder	13.9	0.95	1	1	4.531318
SU7_serv	BOBJ1	63	137.74	After	Left Exterior Girder	13.9	0.95	1	1	4.499008
SU7_serv	BOBJ1	63	137.74	After	Interior Girder 1	13.9	0.95	1	1	4.607173
SU7_serv	BOBJ1	63	137.74	After	Interior Girder 2	13.9	0.95	1	1	4.447106
SU7_serv	BOBJ1	63	137.74	After	Interior Girder 3	13.9	0.95	1	1	4.614864
SU7_serv	BOBJ1	63	137.74	After	Interior Girder 4	13.9	0.95	1	1	4.614864
SU7_serv	BOBJ1	63	137.74	After	Interior Girder 5	13.9	0.95	1	1	4.447106
SU7_serv	BOBJ1	63	137.74	After	Interior Girder 6	13.9	0.95	1	1	4.607173
SU7_serv	BOBJ1	63	137.74	After	Right Exterior Girder	13.9	0.95	1	1	4.499008
SU7_serv	BOBJ1	64	143.7733	Before	Left Exterior Girder	19.9333	0.95	1	1	4.507746
SU7_serv	BOBJ1	64	143.7733	Before	Interior Girder 1	19.9333	0.95	1	1	3.370217
SU7_serv	BOBJ1	64	143.7733	Before	Interior Girder 2	19.9333	0.95	1	1	3.150106
SU7_serv	BOBJ1	64	143.7733	Before	Interior Girder 3	19.9333	0.95	1	1	3.065863
SU7_serv	BOBJ1	64	143.7733	Before	Interior Girder 4	19.9333	0.95	1	1	3.065863
SU7_serv	BOBJ1	64	143.7733	Before	Interior Girder 5	19.9333	0.95	1	1	3.150106
SU7_serv	BOBJ1	64	143.7733	Before	Interior Girder 6	19.9333	0.95	1	1	3.370217
SU7_serv	BOBJ1	64	143.7733	Before	Right Exterior Girder	19.9333	0.95	1	1	4.507746
SU7_serv	BOBJ1	65	143.7733	After	Left Exterior Girder	19.9333	0.95	1	1	4.576164
SU7_serv	BOBJ1	65	143.7733	After	Interior Girder 1	19.9333	0.95	1	1	3.335506
SU7_serv	BOBJ1	65	143.7733	After	Interior Girder 2	19.9333	0.95	1	1	3.15301
SU7_serv	BOBJ1	65	143.7733	After	Interior Girder 3	19.9333	0.95	1	1	3.106057
SU7_serv	BOBJ1	65	143.7733	After	Interior Girder 4	19.9333	0.95	1	1	3.106057
SU7_serv	BOBJ1	65	143.7733	After	Interior Girder 5	19.9333	0.95	1	1	3.15301
SU7_serv	BOBJ1	65	143.7733	After	Interior Girder 6	19.9333	0.95	1	1	3.335506
SU7_serv	BOBJ1	65	143.7733	After	Right Exterior Girder	19.9333	0.95	1	1	4.576164
SU7_serv	BOBJ1	66	149.8067	Before	Left Exterior Girder	25.9667	0.95	1	1	3.299901
SU7_serv	BOBJ1	66	149.8067	Before	Interior Girder 1	25.9667	0.95	1	1	2.661291
SU7_serv	BOBJ1	66	149.8067	Before	Interior Girder 2	25.9667	0.95	1	1	2.521151
SU7_serv	BOBJ1	66	149.8067	Before	Interior Girder 3	25.9667	0.95	1	1	2.472928
SU7_serv	BOBJ1	66	149.8067	Before	Interior Girder 4	25.9667	0.95	1	1	2.472928
SU7_serv	BOBJ1	66	149.8067	Before	Interior Girder 5	25.9667	0.95	1	1	2.521151
SU7_serv	BOBJ1	66	149.8067	Before	Interior Girder 6	25.9667	0.95	1	1	2.661291
SU7_serv	BOBJ1	66	149.8067	Before	Right Exterior Girder	25.9667	0.95	1	1	3.299901
SU7_serv	BOBJ1	67	149.8067	After	Left Exterior Girder	25.9667	0.95	1	1	3.298947
SU7_serv	BOBJ1	67	149.8067	After	Interior Girder 1	25.9667	0.95	1	1	2.659593
SU7_serv	BOBJ1	67	149.8067	After	Interior Girder 2	25.9667	0.95	1	1	2.5301
SU7_serv	BOBJ1	67	149.8067	After	Interior Girder 3	25.9667	0.95	1	1	2.489947
SU7_serv	BOBJ1	67	149.8067	After	Interior Girder 4	25.9667	0.95	1	1	2.489947

TABLE: Bridge Super Rating AASHTORATE18 31 - SteelICompServ-Flx - Approach, Span 12-15										
Request	BridgeObj	BridgeCut	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	Unitless	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
SU7_serv	BOBJ1	67	149.8067	After	Interior Girder 5	25.9667	0.95	1	1	2.5301
SU7_serv	BOBJ1	67	149.8067	After	Interior Girder 6	25.9667	0.95	1	1	2.659593
SU7_serv	BOBJ1	67	149.8067	After	Right Exterior Girder	25.9667	0.95	1	1	3.298947
SU7_serv	BOBJ1	68	155.84	Before	Left Exterior Girder	32	0.95	1	1	2.769722
SU7_serv	BOBJ1	68	155.84	Before	Interior Girder 1	32	0.95	1	1	2.518497
SU7_serv	BOBJ1	68	155.84	Before	Interior Girder 2	32	0.95	1	1	2.392328
SU7_serv	BOBJ1	68	155.84	Before	Interior Girder 3	32	0.95	1	1	2.372456
SU7_serv	BOBJ1	68	155.84	Before	Interior Girder 4	32	0.95	1	1	2.372456
SU7_serv	BOBJ1	68	155.84	Before	Interior Girder 5	32	0.95	1	1	2.392328
SU7_serv	BOBJ1	68	155.84	Before	Interior Girder 6	32	0.95	1	1	2.518497
SU7_serv	BOBJ1	68	155.84	Before	Right Exterior Girder	32	0.95	1	1	2.769722
SU7_serv	BOBJ1	69	155.84	After	Left Exterior Girder	32	0.95	1	1	2.786538
SU7_serv	BOBJ1	69	155.84	After	Interior Girder 1	32	0.95	1	1	2.506691
SU7_serv	BOBJ1	69	155.84	After	Interior Girder 2	32	0.95	1	1	2.386724
SU7_serv	BOBJ1	69	155.84	After	Interior Girder 3	32	0.95	1	1	2.366511
SU7_serv	BOBJ1	69	155.84	After	Interior Girder 4	32	0.95	1	1	2.366511
SU7_serv	BOBJ1	69	155.84	After	Interior Girder 5	32	0.95	1	1	2.386724
SU7_serv	BOBJ1	69	155.84	After	Interior Girder 6	32	0.95	1	1	2.506691
SU7_serv	BOBJ1	69	155.84	After	Right Exterior Girder	32	0.95	1	1	2.786538
SU7_serv	BOBJ1	70	161.8733	Before	Left Exterior Girder	38.0333	0.95	1	1	3.004586
SU7_serv	BOBJ1	70	161.8733	Before	Interior Girder 1	38.0333	0.95	1	1	2.471917
SU7_serv	BOBJ1	70	161.8733	Before	Interior Girder 2	38.0333	0.95	1	1	2.355509
SU7_serv	BOBJ1	70	161.8733	Before	Interior Girder 3	38.0333	0.95	1	1	2.314914
SU7_serv	BOBJ1	70	161.8733	Before	Interior Girder 4	38.0333	0.95	1	1	2.314914
SU7_serv	BOBJ1	70	161.8733	Before	Interior Girder 5	38.0333	0.95	1	1	2.355509
SU7_serv	BOBJ1	70	161.8733	Before	Interior Girder 6	38.0333	0.95	1	1	2.471917
SU7_serv	BOBJ1	70	161.8733	Before	Right Exterior Girder	38.0333	0.95	1	1	3.004586
SU7_serv	BOBJ1	71	161.8733	After	Left Exterior Girder	38.0333	0.95	1	1	3.016284
SU7_serv	BOBJ1	71	161.8733	After	Interior Girder 1	38.0333	0.95	1	1	2.465363
SU7_serv	BOBJ1	71	161.8733	After	Interior Girder 2	38.0333	0.95	1	1	2.346819
SU7_serv	BOBJ1	71	161.8733	After	Interior Girder 3	38.0333	0.95	1	1	2.306595
SU7_serv	BOBJ1	71	161.8733	After	Interior Girder 4	38.0333	0.95	1	1	2.306595
SU7_serv	BOBJ1	71	161.8733	After	Interior Girder 5	38.0333	0.95	1	1	2.346819
SU7_serv	BOBJ1	71	161.8733	After	Interior Girder 6	38.0333	0.95	1	1	2.465363
SU7_serv	BOBJ1	71	161.8733	After	Right Exterior Girder	38.0333	0.95	1	1	3.016284
SU7_serv	BOBJ1	72	167.9067	Before	Left Exterior Girder	44.0667	0.95	1	1	3.715526
SU7_serv	BOBJ1	72	167.9067	Before	Interior Girder 1	44.0667	0.95	1	1	2.870224
SU7_serv	BOBJ1	72	167.9067	Before	Interior Girder 2	44.0667	0.95	1	1	2.710915
SU7_serv	BOBJ1	72	167.9067	Before	Interior Girder 3	44.0667	0.95	1	1	2.669988
SU7_serv	BOBJ1	72	167.9067	Before	Interior Girder 4	44.0667	0.95	1	1	2.669988
SU7_serv	BOBJ1	72	167.9067	Before	Interior Girder 5	44.0667	0.95	1	1	2.710915
SU7_serv	BOBJ1	72	167.9067	Before	Interior Girder 6	44.0667	0.95	1	1	2.870224
SU7_serv	BOBJ1	72	167.9067	Before	Right Exterior Girder	44.0667	0.95	1	1	3.715526
SU7_serv	BOBJ1	73	167.9067	After	Left Exterior Girder	44.0667	0.95	1	1	3.661116
SU7_serv	BOBJ1	73	167.9067	After	Interior Girder 1	44.0667	0.95	1	1	2.895024
SU7_serv	BOBJ1	73	167.9067	After	Interior Girder 2	44.0667	0.95	1	1	2.715955
SU7_serv	BOBJ1	73	167.9067	After	Interior Girder 3	44.0667	0.95	1	1	2.647784
SU7_serv	BOBJ1	73	167.9067	After	Interior Girder 4	44.0667	0.95	1	1	2.647784
SU7_serv	BOBJ1	73	167.9067	After	Interior Girder 5	44.0667	0.95	1	1	2.715955
SU7_serv	BOBJ1	73	167.9067	After	Interior Girder 6	44.0667	0.95	1	1	2.895024
SU7_serv	BOBJ1	73	167.9067	After	Right Exterior Girder	44.0667	0.95	1	1	3.661116
SU7_serv	BOBJ1	74	173.94	Before	Left Exterior Girder	50.1	0.95	1	1	5.215089
SU7_serv	BOBJ1	74	173.94	Before	Interior Girder 1	50.1	0.95	1	1	4.165117
SU7_serv	BOBJ1	74	173.94	Before	Interior Girder 2	50.1	0.95	1	1	3.805713
SU7_serv	BOBJ1	74	173.94	Before	Interior Girder 3	50.1	0.95	1	1	3.757904
SU7_serv	BOBJ1	74	173.94	Before	Interior Girder 4	50.1	0.95	1	1	3.757904
SU7_serv	BOBJ1	74	173.94	Before	Interior Girder 5	50.1	0.95	1	1	3.805713
SU7_serv	BOBJ1	74	173.94	Before	Interior Girder 6	50.1	0.95	1	1	4.165117
SU7_serv	BOBJ1	74	173.94	Before	Right Exterior Girder	50.1	0.95	1	1	5.215089
SU7_serv	BOBJ1	75	173.94	After	Left Exterior Girder	50.1	0.95	1	1	5.190584
SU7_serv	BOBJ1	75	173.94	After	Interior Girder 1	50.1	0.95	1	1	4.17292
SU7_serv	BOBJ1	75	173.94	After	Interior Girder 2	50.1	0.95	1	1	3.781198
SU7_serv	BOBJ1	75	173.94	After	Interior Girder 3	50.1	0.95	1	1	3.68584
SU7_serv	BOBJ1	75	173.94	After	Interior Girder 4	50.1	0.95	1	1	3.68584
SU7_serv	BOBJ1	75	173.94	After	Interior Girder 5	50.1	0.95	1	1	3.781198
SU7_serv	BOBJ1	75	173.94	After	Interior Girder 6	50.1	0.95	1	1	4.17292
SU7_serv	BOBJ1	75	173.94	After	Right Exterior Girder	50.1	0.95	1	1	5.190584
SU7_serv	BOBJ1	76	179.98	Before	Left Exterior Girder	56.14	0.95	1	1	5.165901
SU7_serv	BOBJ1	76	179.98	Before	Interior Girder 1	56.14	0.95	1	1	5.184917
SU7_serv	BOBJ1	76	179.98	Before	Interior Girder 2	56.14	0.95	1	1	4.88891
SU7_serv	BOBJ1	76	179.98	Before	Interior Girder 3	56.14	0.95	1	1	4.86762
SU7_serv	BOBJ1	76	179.98	Before	Interior Girder 4	56.14	0.95	1	1	4.86762
SU7_serv	BOBJ1	76	179.98	Before	Interior Girder 5	56.14	0.95	1	1	4.88891

TABLE: Bridge Super Rating AASHTORATE18 31 - SteelICompServ-Flx - Approach, Span 12-15										
Request	BridgeObj	BridgeCut	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	Unitless	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
SU7_serv	BOBJ1	76	179.98	Before	Interior Girder 6	56.14	0.95	1	1	5.184917
SU7_serv	BOBJ1	76	179.98	Before	Right Exterior Girder	56.14	0.95	1	1	5.165901
SU7_serv	BOBJ1	77	179.98	After	Left Exterior Girder	56.14	0.95	1	1	5.206413
SU7_serv	BOBJ1	77	179.98	After	Interior Girder 1	56.14	0.95	1	1	5.150546
SU7_serv	BOBJ1	77	179.98	After	Interior Girder 2	56.14	0.95	1	1	4.813366
SU7_serv	BOBJ1	77	179.98	After	Interior Girder 3	56.14	0.95	1	1	4.805916
SU7_serv	BOBJ1	77	179.98	After	Interior Girder 4	56.14	0.95	1	1	4.805916
SU7_serv	BOBJ1	77	179.98	After	Interior Girder 5	56.14	0.95	1	1	4.813366
SU7_serv	BOBJ1	77	179.98	After	Interior Girder 6	56.14	0.95	1	1	5.150546
SU7_serv	BOBJ1	77	179.98	After	Right Exterior Girder	56.14	0.95	1	1	5.206413
SU7_serv	BOBJ1	78	183.56	Before	Left Exterior Girder	59.72	0.95	1	1	4.188056
SU7_serv	BOBJ1	78	183.56	Before	Right Exterior Girder	59.72	0.95	1	1	4.188056
SU7_serv	BOBJ1	79	183.56	After	Left Exterior Girder	59.72	0.95	1	1	9.506598
SU7_serv	BOBJ1	79	183.56	After	Right Exterior Girder	59.72	0.95	1	1	9.506598
SU7_serv	BOBJ1	80	186.02	Before	Left Exterior Girder	62.18	0.95	1	1	8.599399
SU7_serv	BOBJ1	80	186.02	Before	Interior Girder 1	62.22	0.95	1	1	3.755146
SU7_serv	BOBJ1	80	186.02	Before	Interior Girder 2	62.22	0.95	1	1	3.534227
SU7_serv	BOBJ1	80	186.02	Before	Interior Girder 3	62.22	0.95	1	1	3.287286
SU7_serv	BOBJ1	80	186.02	Before	Interior Girder 4	62.22	0.95	1	1	3.287286
SU7_serv	BOBJ1	80	186.02	Before	Interior Girder 5	62.22	0.95	1	1	3.534227
SU7_serv	BOBJ1	80	186.02	Before	Interior Girder 6	62.22	0.95	1	1	3.755146
SU7_serv	BOBJ1	80	186.02	Before	Right Exterior Girder	62.18	0.95	1	1	8.599399
SU7_serv	BOBJ1	81	186.02	After	Left Exterior Girder	62.18	0.95	1	1	8.643345
SU7_serv	BOBJ1	81	186.02	After	Interior Girder 1	62.22	0.95	1	1	5.895272
SU7_serv	BOBJ1	81	186.02	After	Interior Girder 2	62.22	0.95	1	1	5.402123
SU7_serv	BOBJ1	81	186.02	After	Interior Girder 3	62.22	0.95	1	1	5.075116
SU7_serv	BOBJ1	81	186.02	After	Interior Girder 4	62.22	0.95	1	1	5.075116
SU7_serv	BOBJ1	81	186.02	After	Interior Girder 5	62.22	0.95	1	1	5.402123
SU7_serv	BOBJ1	81	186.02	After	Interior Girder 6	62.22	0.95	1	1	5.895272
SU7_serv	BOBJ1	81	186.02	After	Right Exterior Girder	62.18	0.95	1	1	8.643345
SU7_serv	BOBJ1	82	192.06	Before	Left Exterior Girder	68.22	0.95	1	1	4.522286
SU7_serv	BOBJ1	82	192.06	Before	Interior Girder 1	68.22	0.95	1	1	2.939104
SU7_serv	BOBJ1	82	192.06	Before	Interior Girder 2	68.22	0.95	1	1	2.756917
SU7_serv	BOBJ1	82	192.06	Before	Interior Girder 3	68.22	0.95	1	1	2.3913
SU7_serv	BOBJ1	82	192.06	Before	Interior Girder 4	68.22	0.95	1	1	2.3913
SU7_serv	BOBJ1	82	192.06	Before	Interior Girder 5	68.22	0.95	1	1	2.756917
SU7_serv	BOBJ1	82	192.06	Before	Interior Girder 6	68.22	0.95	1	1	2.939104
SU7_serv	BOBJ1	82	192.06	Before	Right Exterior Girder	68.22	0.95	1	1	4.522286
SU7_serv	BOBJ1	83	192.06	After	Left Exterior Girder	0	0.95	1	1	4.368443
SU7_serv	BOBJ1	83	192.06	After	Interior Girder 1	0	0.95	1	1	3.352542
SU7_serv	BOBJ1	83	192.06	After	Interior Girder 2	0	0.95	1	1	3.046039
SU7_serv	BOBJ1	83	192.06	After	Interior Girder 3	0	0.95	1	1	2.671824
SU7_serv	BOBJ1	83	192.06	After	Interior Girder 4	0	0.95	1	1	2.671824
SU7_serv	BOBJ1	83	192.06	After	Interior Girder 5	0	0.95	1	1	3.046039
SU7_serv	BOBJ1	83	192.06	After	Interior Girder 6	0	0.95	1	1	3.352542
SU7_serv	BOBJ1	83	192.06	After	Right Exterior Girder	0	0.95	1	1	4.368443
SU7_serv	BOBJ1	84	197.087	Before	Interior Girder 1	5.027	0.95	1	1	4.163479
SU7_serv	BOBJ1	84	197.087	Before	Interior Girder 2	5.027	0.95	1	1	3.879362
SU7_serv	BOBJ1	84	197.087	Before	Interior Girder 3	5.027	0.95	1	1	3.809804
SU7_serv	BOBJ1	84	197.087	Before	Interior Girder 4	5.027	0.95	1	1	3.809804
SU7_serv	BOBJ1	84	197.087	Before	Interior Girder 5	5.027	0.95	1	1	3.879362
SU7_serv	BOBJ1	84	197.087	Before	Interior Girder 6	5.027	0.95	1	1	4.163479
SU7_serv	BOBJ1	85	197.087	After	Interior Girder 1	5.027	0.95	1	1	2.649761
SU7_serv	BOBJ1	85	197.087	After	Interior Girder 2	5.027	0.95	1	1	2.476068
SU7_serv	BOBJ1	85	197.087	After	Interior Girder 3	5.027	0.95	1	1	2.416436
SU7_serv	BOBJ1	85	197.087	After	Interior Girder 4	5.027	0.95	1	1	2.416436
SU7_serv	BOBJ1	85	197.087	After	Interior Girder 5	5.027	0.95	1	1	2.476068
SU7_serv	BOBJ1	85	197.087	After	Interior Girder 6	5.027	0.95	1	1	2.649761
SU7_serv	BOBJ1	86	197.91	Before	Left Exterior Girder	5.85	0.95	1	1	5.798386
SU7_serv	BOBJ1	86	197.91	Before	Interior Girder 1	5.85	0.95	1	1	2.781844
SU7_serv	BOBJ1	86	197.91	Before	Interior Girder 2	5.85	0.95	1	1	2.582669
SU7_serv	BOBJ1	86	197.91	Before	Interior Girder 3	5.85	0.95	1	1	2.562432
SU7_serv	BOBJ1	86	197.91	Before	Interior Girder 4	5.85	0.95	1	1	2.562432
SU7_serv	BOBJ1	86	197.91	Before	Interior Girder 5	5.85	0.95	1	1	2.582669
SU7_serv	BOBJ1	86	197.91	Before	Interior Girder 6	5.85	0.95	1	1	2.781844
SU7_serv	BOBJ1	86	197.91	Before	Right Exterior Girder	5.85	0.95	1	1	5.798386
SU7_serv	BOBJ1	87	197.91	After	Left Exterior Girder	5.85	0.95	1	1	5.832522
SU7_serv	BOBJ1	87	197.91	After	Interior Girder 1	5.85	0.95	1	1	2.783696
SU7_serv	BOBJ1	87	197.91	After	Interior Girder 2	5.85	0.95	1	1	2.602343
SU7_serv	BOBJ1	87	197.91	After	Interior Girder 3	5.85	0.95	1	1	2.565179
SU7_serv	BOBJ1	87	197.91	After	Interior Girder 4	5.85	0.95	1	1	2.565179
SU7_serv	BOBJ1	87	197.91	After	Interior Girder 5	5.85	0.95	1	1	2.602343
SU7_serv	BOBJ1	87	197.91	After	Interior Girder 6	5.85	0.95	1	1	2.783696

TABLE: Bridge Super Rating AASHTORATE18 31 - SteelICompServ-Flx - Approach, Span 12-15										
Request	BridgeObj	BridgeCut	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	Unitless	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
SU7_serv	BOBJ1	87	197.91	After	Right Exterior Girder	5.85	0.95	1	1	5.832522
SU7_serv	BOBJ1	88	199.1816	Before	Left Exterior Girder	7.1216	0.95	1	1	6.157074
SU7_serv	BOBJ1	88	199.1816	Before	Right Exterior Girder	7.1216	0.95	1	1	6.157074
SU7_serv	BOBJ1	89	199.1816	After	Left Exterior Girder	7.1216	0.95	1	1	2.65261
SU7_serv	BOBJ1	89	199.1816	After	Right Exterior Girder	7.1216	0.95	1	1	2.65261
SU7_serv	BOBJ1	90	203.5267	Before	Left Exterior Girder	11.3107	0.95	1	1	3.497488
SU7_serv	BOBJ1	90	203.5267	Before	Interior Girder 1	11.3107	0.95	1	1	3.690305
SU7_serv	BOBJ1	90	203.5267	Before	Interior Girder 2	11.3107	0.95	1	1	3.468956
SU7_serv	BOBJ1	90	203.5267	Before	Interior Girder 3	11.3107	0.95	1	1	3.570529
SU7_serv	BOBJ1	90	203.5267	Before	Interior Girder 4	11.3107	0.95	1	1	3.570529
SU7_serv	BOBJ1	90	203.5267	Before	Interior Girder 5	11.3107	0.95	1	1	3.468956
SU7_serv	BOBJ1	90	203.5267	Before	Interior Girder 6	11.3107	0.95	1	1	3.690305
SU7_serv	BOBJ1	90	203.5267	Before	Right Exterior Girder	11.3107	0.95	1	1	3.497488
SU7_serv	BOBJ1	91	203.5267	After	Left Exterior Girder	11.3107	0.95	1	1	5.575679
SU7_serv	BOBJ1	91	203.5267	After	Interior Girder 1	11.3107	0.95	1	1	5.794631
SU7_serv	BOBJ1	91	203.5267	After	Interior Girder 2	11.3107	0.95	1	1	5.517233
SU7_serv	BOBJ1	91	203.5267	After	Interior Girder 3	11.3107	0.95	1	1	5.643644
SU7_serv	BOBJ1	91	203.5267	After	Interior Girder 4	11.3107	0.95	1	1	5.643644
SU7_serv	BOBJ1	91	203.5267	After	Interior Girder 5	11.3107	0.95	1	1	5.517233
SU7_serv	BOBJ1	91	203.5267	After	Interior Girder 6	11.3107	0.95	1	1	5.794631
SU7_serv	BOBJ1	91	203.5267	After	Right Exterior Girder	11.3107	0.95	1	1	5.575679
SU7_serv	BOBJ1	92	209.1433	Before	Left Exterior Girder	17.0833	0.95	1	1	6.099064
SU7_serv	BOBJ1	92	209.1433	Before	Interior Girder 1	17.0833	0.95	1	1	4.893176
SU7_serv	BOBJ1	92	209.1433	Before	Interior Girder 2	17.0833	0.95	1	1	4.54007
SU7_serv	BOBJ1	92	209.1433	Before	Interior Girder 3	17.0833	0.95	1	1	4.434055
SU7_serv	BOBJ1	92	209.1433	Before	Interior Girder 4	17.0833	0.95	1	1	4.434055
SU7_serv	BOBJ1	92	209.1433	Before	Interior Girder 5	17.0833	0.95	1	1	4.54007
SU7_serv	BOBJ1	92	209.1433	Before	Interior Girder 6	17.0833	0.95	1	1	4.893176
SU7_serv	BOBJ1	92	209.1433	Before	Right Exterior Girder	17.0833	0.95	1	1	6.099064
SU7_serv	BOBJ1	93	209.1433	After	Left Exterior Girder	17.0833	0.95	1	1	6.008075
SU7_serv	BOBJ1	93	209.1433	After	Interior Girder 1	17.0833	0.95	1	1	4.921787
SU7_serv	BOBJ1	93	209.1433	After	Interior Girder 2	17.0833	0.95	1	1	4.604778
SU7_serv	BOBJ1	93	209.1433	After	Interior Girder 3	17.0833	0.95	1	1	4.533328
SU7_serv	BOBJ1	93	209.1433	After	Interior Girder 4	17.0833	0.95	1	1	4.533328
SU7_serv	BOBJ1	93	209.1433	After	Interior Girder 5	17.0833	0.95	1	1	4.604778
SU7_serv	BOBJ1	93	209.1433	After	Interior Girder 6	17.0833	0.95	1	1	4.921787
SU7_serv	BOBJ1	93	209.1433	After	Right Exterior Girder	17.0833	0.95	1	1	6.008075
SU7_serv	BOBJ1	94	214.76	Before	Left Exterior Girder	22.7	0.95	1	1	4.531275
SU7_serv	BOBJ1	94	214.76	Before	Interior Girder 1	22.7	0.95	1	1	3.90771
SU7_serv	BOBJ1	94	214.76	Before	Interior Girder 2	22.7	0.95	1	1	3.638365
SU7_serv	BOBJ1	94	214.76	Before	Interior Girder 3	22.7	0.95	1	1	3.573019
SU7_serv	BOBJ1	94	214.76	Before	Interior Girder 4	22.7	0.95	1	1	3.573019
SU7_serv	BOBJ1	94	214.76	Before	Interior Girder 5	22.7	0.95	1	1	3.638365
SU7_serv	BOBJ1	94	214.76	Before	Interior Girder 6	22.7	0.95	1	1	3.90771
SU7_serv	BOBJ1	94	214.76	Before	Right Exterior Girder	22.7	0.95	1	1	4.531275
SU7_serv	BOBJ1	95	214.76	After	Left Exterior Girder	22.7	0.95	1	1	4.532137
SU7_serv	BOBJ1	95	214.76	After	Interior Girder 1	22.7	0.95	1	1	3.896765
SU7_serv	BOBJ1	95	214.76	After	Interior Girder 2	22.7	0.95	1	1	3.64914
SU7_serv	BOBJ1	95	214.76	After	Interior Girder 3	22.7	0.95	1	1	3.601271
SU7_serv	BOBJ1	95	214.76	After	Interior Girder 4	22.7	0.95	1	1	3.601271
SU7_serv	BOBJ1	95	214.76	After	Interior Girder 5	22.7	0.95	1	1	3.64914
SU7_serv	BOBJ1	95	214.76	After	Interior Girder 6	22.7	0.95	1	1	3.896765
SU7_serv	BOBJ1	95	214.76	After	Right Exterior Girder	22.7	0.95	1	1	4.532137
SU7_serv	BOBJ1	96	220.3767	Before	Left Exterior Girder	28.3167	0.95	1	1	4.158555
SU7_serv	BOBJ1	96	220.3767	Before	Interior Girder 1	28.3167	0.95	1	1	3.290233
SU7_serv	BOBJ1	96	220.3767	Before	Interior Girder 2	28.3167	0.95	1	1	3.109352
SU7_serv	BOBJ1	96	220.3767	Before	Interior Girder 3	28.3167	0.95	1	1	3.04241
SU7_serv	BOBJ1	96	220.3767	Before	Interior Girder 4	28.3167	0.95	1	1	3.04241
SU7_serv	BOBJ1	96	220.3767	Before	Interior Girder 5	28.3167	0.95	1	1	3.109352
SU7_serv	BOBJ1	96	220.3767	Before	Interior Girder 6	28.3167	0.95	1	1	3.290233
SU7_serv	BOBJ1	96	220.3767	Before	Right Exterior Girder	28.3167	0.95	1	1	4.158555
SU7_serv	BOBJ1	97	220.3767	After	Left Exterior Girder	28.3167	0.95	1	1	4.191415
SU7_serv	BOBJ1	97	220.3767	After	Interior Girder 1	28.3167	0.95	1	1	3.27679
SU7_serv	BOBJ1	97	220.3767	After	Interior Girder 2	28.3167	0.95	1	1	3.103377
SU7_serv	BOBJ1	97	220.3767	After	Interior Girder 3	28.3167	0.95	1	1	3.044365
SU7_serv	BOBJ1	97	220.3767	After	Interior Girder 4	28.3167	0.95	1	1	3.044365
SU7_serv	BOBJ1	97	220.3767	After	Interior Girder 5	28.3167	0.95	1	1	3.103377
SU7_serv	BOBJ1	97	220.3767	After	Interior Girder 6	28.3167	0.95	1	1	3.27679
SU7_serv	BOBJ1	97	220.3767	After	Right Exterior Girder	28.3167	0.95	1	1	4.191415
SU7_serv	BOBJ1	98	225.9933	Before	Left Exterior Girder	33.9333	0.95	1	1	4.052744
SU7_serv	BOBJ1	98	225.9933	Before	Interior Girder 1	33.9333	0.95	1	1	3.174262
SU7_serv	BOBJ1	98	225.9933	Before	Interior Girder 2	33.9333	0.95	1	1	3.008371
SU7_serv	BOBJ1	98	225.9933	Before	Interior Girder 3	33.9333	0.95	1	1	2.935753

TABLE: Bridge Super Rating AASHTORATE18 31 - SteelICompServ-Flx - Approach, Span 12-15										
Request	BridgeObj	BridgeCut	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	Unitless	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
SU7_serv	BOBJ1	98	225.9933	Before	Interior Girder 4	33.9333	0.95	1	1	2.935753
SU7_serv	BOBJ1	98	225.9933	Before	Interior Girder 5	33.9333	0.95	1	1	3.008371
SU7_serv	BOBJ1	98	225.9933	Before	Interior Girder 6	33.9333	0.95	1	1	3.174262
SU7_serv	BOBJ1	98	225.9933	Before	Right Exterior Girder	33.9333	0.95	1	1	4.052744
SU7_serv	BOBJ1	99	225.9933	After	Left Exterior Girder	33.9333	0.95	1	1	4.025164
SU7_serv	BOBJ1	99	225.9933	After	Interior Girder 1	33.9333	0.95	1	1	3.195107
SU7_serv	BOBJ1	99	225.9933	After	Interior Girder 2	33.9333	0.95	1	1	3.017205
SU7_serv	BOBJ1	99	225.9933	After	Interior Girder 3	33.9333	0.95	1	1	2.941789
SU7_serv	BOBJ1	99	225.9933	After	Interior Girder 4	33.9333	0.95	1	1	2.941789
SU7_serv	BOBJ1	99	225.9933	After	Interior Girder 5	33.9333	0.95	1	1	3.017205
SU7_serv	BOBJ1	99	225.9933	After	Interior Girder 6	33.9333	0.95	1	1	3.195107
SU7_serv	BOBJ1	99	225.9933	After	Right Exterior Girder	33.9333	0.95	1	1	4.025164
SU7_serv	BOBJ1	100	231.61	Before	Left Exterior Girder	39.55	0.95	1	1	4.274334
SU7_serv	BOBJ1	100	231.61	Before	Interior Girder 1	39.55	0.95	1	1	3.529008
SU7_serv	BOBJ1	100	231.61	Before	Interior Girder 2	39.55	0.95	1	1	3.320508
SU7_serv	BOBJ1	100	231.61	Before	Interior Girder 3	39.55	0.95	1	1	3.234171
SU7_serv	BOBJ1	100	231.61	Before	Interior Girder 4	39.55	0.95	1	1	3.234171
SU7_serv	BOBJ1	100	231.61	Before	Interior Girder 5	39.55	0.95	1	1	3.320508
SU7_serv	BOBJ1	100	231.61	Before	Interior Girder 6	39.55	0.95	1	1	3.529008
SU7_serv	BOBJ1	100	231.61	Before	Right Exterior Girder	39.55	0.95	1	1	4.274334
SU7_serv	BOBJ1	101	231.61	After	Left Exterior Girder	39.55	0.95	1	1	4.266527
SU7_serv	BOBJ1	101	231.61	After	Interior Girder 1	39.55	0.95	1	1	3.529595
SU7_serv	BOBJ1	101	231.61	After	Interior Girder 2	39.55	0.95	1	1	3.292911
SU7_serv	BOBJ1	101	231.61	After	Interior Girder 3	39.55	0.95	1	1	3.192071
SU7_serv	BOBJ1	101	231.61	After	Interior Girder 4	39.55	0.95	1	1	3.192071
SU7_serv	BOBJ1	101	231.61	After	Interior Girder 5	39.55	0.95	1	1	3.292911
SU7_serv	BOBJ1	101	231.61	After	Interior Girder 6	39.55	0.95	1	1	3.529595
SU7_serv	BOBJ1	101	231.61	After	Right Exterior Girder	39.55	0.95	1	1	4.266527
SU7_serv	BOBJ1	102	237.37	Before	Left Exterior Girder	45.31	0.95	1	1	5.887216
SU7_serv	BOBJ1	102	237.37	Before	Interior Girder 1	45.31	0.95	1	1	4.378566
SU7_serv	BOBJ1	102	237.37	Before	Interior Girder 2	45.31	0.95	1	1	4.101754
SU7_serv	BOBJ1	102	237.37	Before	Interior Girder 3	45.31	0.95	1	1	3.895238
SU7_serv	BOBJ1	102	237.37	Before	Interior Girder 4	45.31	0.95	1	1	3.895238
SU7_serv	BOBJ1	102	237.37	Before	Interior Girder 5	45.31	0.95	1	1	4.101754
SU7_serv	BOBJ1	102	237.37	Before	Interior Girder 6	45.31	0.95	1	1	4.378566
SU7_serv	BOBJ1	102	237.37	Before	Right Exterior Girder	45.31	0.95	1	1	5.887216
SU7_serv	BOBJ1	103	237.37	After	Left Exterior Girder	45.31	0.95	1	1	5.966328
SU7_serv	BOBJ1	103	237.37	After	Interior Girder 1	45.31	0.95	1	1	4.354228
SU7_serv	BOBJ1	103	237.37	After	Interior Girder 2	45.31	0.95	1	1	4.025501
SU7_serv	BOBJ1	103	237.37	After	Interior Girder 3	45.31	0.95	1	1	3.797816
SU7_serv	BOBJ1	103	237.37	After	Interior Girder 4	45.31	0.95	1	1	3.797816
SU7_serv	BOBJ1	103	237.37	After	Interior Girder 5	45.31	0.95	1	1	4.025501
SU7_serv	BOBJ1	103	237.37	After	Interior Girder 6	45.31	0.95	1	1	4.354228
SU7_serv	BOBJ1	103	237.37	After	Right Exterior Girder	45.31	0.95	1	1	5.966328
SU7_serv	BOBJ1	104	243.13	Before	Left Exterior Girder	51.07	0.95	1	1	10.904626
SU7_serv	BOBJ1	104	243.13	Before	Interior Girder 1	51.07	0.95	1	1	7.724944
SU7_serv	BOBJ1	104	243.13	Before	Interior Girder 2	51.07	0.95	1	1	7.209789
SU7_serv	BOBJ1	104	243.13	Before	Interior Girder 3	51.07	0.95	1	1	6.631457
SU7_serv	BOBJ1	104	243.13	Before	Interior Girder 4	51.07	0.95	1	1	6.631457
SU7_serv	BOBJ1	104	243.13	Before	Interior Girder 5	51.07	0.95	1	1	7.209789
SU7_serv	BOBJ1	104	243.13	Before	Interior Girder 6	51.07	0.95	1	1	7.724944
SU7_serv	BOBJ1	104	243.13	Before	Right Exterior Girder	51.07	0.95	1	1	10.904626
SU7_serv	BOBJ1	105	243.13	After	Left Exterior Girder	51.07	0.95	1	1	10.913522
SU7_serv	BOBJ1	105	243.13	After	Interior Girder 1	51.07	0.95	1	1	7.629589
SU7_serv	BOBJ1	105	243.13	After	Interior Girder 2	51.07	0.95	1	1	7.052328
SU7_serv	BOBJ1	105	243.13	After	Interior Girder 3	51.07	0.95	1	1	6.300926
SU7_serv	BOBJ1	105	243.13	After	Interior Girder 4	51.07	0.95	1	1	6.300926
SU7_serv	BOBJ1	105	243.13	After	Interior Girder 5	51.07	0.95	1	1	7.052328
SU7_serv	BOBJ1	105	243.13	After	Interior Girder 6	51.07	0.95	1	1	7.629589
SU7_serv	BOBJ1	105	243.13	After	Right Exterior Girder	51.07	0.95	1	1	10.913522
SU7_serv	BOBJ1	106	248.89	Before	Left Exterior Girder	56.83	0.95	1	1	455.708717
SU7_serv	BOBJ1	106	248.89	Before	Interior Girder 1	56.83	0.95	1	1	371.064681
SU7_serv	BOBJ1	106	248.89	Before	Interior Girder 2	56.83	0.95	1	1	229.254364
SU7_serv	BOBJ1	106	248.89	Before	Interior Girder 3	56.83	0.95	1	1	179.512442
SU7_serv	BOBJ1	106	248.89	Before	Interior Girder 4	56.83	0.95	1	1	179.512442
SU7_serv	BOBJ1	106	248.89	Before	Interior Girder 5	56.83	0.95	1	1	229.254364
SU7_serv	BOBJ1	106	248.89	Before	Interior Girder 6	56.83	0.95	1	1	371.064681
SU7_serv	BOBJ1	106	248.89	Before	Right Exterior Girder	56.83	0.95	1	1	455.708717
Type 3_serv	BOBJ1	1	0	After	Left Exterior Girder	0	0.95	1	1	459.241807
Type 3_serv	BOBJ1	1	0	After	Interior Girder 1	0	0.95	1	1	323.830456
Type 3_serv	BOBJ1	1	0	After	Interior Girder 2	0	0.95	1	1	231.628365
Type 3_serv	BOBJ1	1	0	After	Interior Girder 3	0	0.95	1	1	187.745661
Type 3_serv	BOBJ1	1	0	After	Interior Girder 4	0	0.95	1	1	187.745661

TABLE: Bridge Super Rating AASHTORATE18 31 - SteelICompServ-Flx - Approach, Span 12-15										
Request	BridgeObj	BridgeCut	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	Unitless	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Type 3_serv	BOBJ1	1	0	After	Interior Girder 5	0	0.95	1	1	231.628364
Type 3_serv	BOBJ1	1	0	After	Interior Girder 6	0	0.95	1	1	323.830456
Type 3_serv	BOBJ1	1	0	After	Right Exterior Girder	0	0.95	1	1	459.241807
Type 3_serv	BOBJ1	2	5.85	Before	Left Exterior Girder	5.85	0.95	1	1	12.290298
Type 3_serv	BOBJ1	2	5.85	Before	Interior Girder 1	5.85	0.95	1	1	8.761355
Type 3_serv	BOBJ1	2	5.85	Before	Interior Girder 2	5.85	0.95	1	1	8.108247
Type 3_serv	BOBJ1	2	5.85	Before	Interior Girder 3	5.85	0.95	1	1	7.083204
Type 3_serv	BOBJ1	2	5.85	Before	Interior Girder 4	5.85	0.95	1	1	7.083204
Type 3_serv	BOBJ1	2	5.85	Before	Interior Girder 5	5.85	0.95	1	1	8.108247
Type 3_serv	BOBJ1	2	5.85	Before	Interior Girder 6	5.85	0.95	1	1	8.761355
Type 3_serv	BOBJ1	2	5.85	Before	Right Exterior Girder	5.85	0.95	1	1	12.290298
Type 3_serv	BOBJ1	3	5.85	After	Left Exterior Girder	5.85	0.95	1	1	12.370619
Type 3_serv	BOBJ1	3	5.85	After	Interior Girder 1	5.85	0.95	1	1	8.780972
Type 3_serv	BOBJ1	3	5.85	After	Interior Girder 2	5.85	0.95	1	1	8.21842
Type 3_serv	BOBJ1	3	5.85	After	Interior Girder 3	5.85	0.95	1	1	7.382393
Type 3_serv	BOBJ1	3	5.85	After	Interior Girder 4	5.85	0.95	1	1	7.382393
Type 3_serv	BOBJ1	3	5.85	After	Interior Girder 5	5.85	0.95	1	1	8.21842
Type 3_serv	BOBJ1	3	5.85	After	Interior Girder 6	5.85	0.95	1	1	8.780972
Type 3_serv	BOBJ1	3	5.85	After	Right Exterior Girder	5.85	0.95	1	1	12.370619
Type 3_serv	BOBJ1	4	11.4667	Before	Left Exterior Girder	11.4667	0.95	1	1	6.946297
Type 3_serv	BOBJ1	4	11.4667	Before	Interior Girder 1	11.4667	0.95	1	1	5.043684
Type 3_serv	BOBJ1	4	11.4667	Before	Interior Girder 2	11.4667	0.95	1	1	4.736545
Type 3_serv	BOBJ1	4	11.4667	Before	Interior Girder 3	11.4667	0.95	1	1	4.392817
Type 3_serv	BOBJ1	4	11.4667	Before	Interior Girder 4	11.4667	0.95	1	1	4.392817
Type 3_serv	BOBJ1	4	11.4667	Before	Interior Girder 5	11.4667	0.95	1	1	4.736545
Type 3_serv	BOBJ1	4	11.4667	Before	Interior Girder 6	11.4667	0.95	1	1	5.043684
Type 3_serv	BOBJ1	4	11.4667	Before	Right Exterior Girder	11.4667	0.95	1	1	6.946297
Type 3_serv	BOBJ1	5	11.4667	After	Left Exterior Girder	11.4667	0.95	1	1	7.043803
Type 3_serv	BOBJ1	5	11.4667	After	Interior Girder 1	11.4667	0.95	1	1	5.017987
Type 3_serv	BOBJ1	5	11.4667	After	Interior Girder 2	11.4667	0.95	1	1	4.78506
Type 3_serv	BOBJ1	5	11.4667	After	Interior Girder 3	11.4667	0.95	1	1	4.500554
Type 3_serv	BOBJ1	5	11.4667	After	Interior Girder 4	11.4667	0.95	1	1	4.500554
Type 3_serv	BOBJ1	5	11.4667	After	Interior Girder 5	11.4667	0.95	1	1	4.78506
Type 3_serv	BOBJ1	5	11.4667	After	Interior Girder 6	11.4667	0.95	1	1	5.017987
Type 3_serv	BOBJ1	5	11.4667	After	Right Exterior Girder	11.4667	0.95	1	1	7.043803
Type 3_serv	BOBJ1	6	17.0833	Before	Left Exterior Girder	17.0833	0.95	1	1	5.337794
Type 3_serv	BOBJ1	6	17.0833	Before	Interior Girder 1	17.0833	0.95	1	1	4.116529
Type 3_serv	BOBJ1	6	17.0833	Before	Interior Girder 2	17.0833	0.95	1	1	3.891864
Type 3_serv	BOBJ1	6	17.0833	Before	Interior Girder 3	17.0833	0.95	1	1	3.745977
Type 3_serv	BOBJ1	6	17.0833	Before	Interior Girder 4	17.0833	0.95	1	1	3.745977
Type 3_serv	BOBJ1	6	17.0833	Before	Interior Girder 5	17.0833	0.95	1	1	3.891864
Type 3_serv	BOBJ1	6	17.0833	Before	Interior Girder 6	17.0833	0.95	1	1	4.116529
Type 3_serv	BOBJ1	6	17.0833	Before	Right Exterior Girder	17.0833	0.95	1	1	5.337794
Type 3_serv	BOBJ1	7	17.0833	After	Left Exterior Girder	17.0833	0.95	1	1	5.327372
Type 3_serv	BOBJ1	7	17.0833	After	Interior Girder 1	17.0833	0.95	1	1	4.12117
Type 3_serv	BOBJ1	7	17.0833	After	Interior Girder 2	17.0833	0.95	1	1	3.928663
Type 3_serv	BOBJ1	7	17.0833	After	Interior Girder 3	17.0833	0.95	1	1	3.789613
Type 3_serv	BOBJ1	7	17.0833	After	Interior Girder 4	17.0833	0.95	1	1	3.789613
Type 3_serv	BOBJ1	7	17.0833	After	Interior Girder 5	17.0833	0.95	1	1	3.928663
Type 3_serv	BOBJ1	7	17.0833	After	Interior Girder 6	17.0833	0.95	1	1	4.12117
Type 3_serv	BOBJ1	7	17.0833	After	Right Exterior Girder	17.0833	0.95	1	1	5.327372
Type 3_serv	BOBJ1	8	22.7	Before	Left Exterior Girder	22.7	0.95	1	1	4.680822
Type 3_serv	BOBJ1	8	22.7	Before	Interior Girder 1	22.7	0.95	1	1	3.989529
Type 3_serv	BOBJ1	8	22.7	Before	Interior Girder 2	22.7	0.95	1	1	3.787923
Type 3_serv	BOBJ1	8	22.7	Before	Interior Girder 3	22.7	0.95	1	1	3.710085
Type 3_serv	BOBJ1	8	22.7	Before	Interior Girder 4	22.7	0.95	1	1	3.710085
Type 3_serv	BOBJ1	8	22.7	Before	Interior Girder 5	22.7	0.95	1	1	3.787923
Type 3_serv	BOBJ1	8	22.7	Before	Interior Girder 6	22.7	0.95	1	1	3.989529
Type 3_serv	BOBJ1	8	22.7	Before	Right Exterior Girder	22.7	0.95	1	1	4.680822
Type 3_serv	BOBJ1	9	22.7	After	Left Exterior Girder	22.7	0.95	1	1	4.704332
Type 3_serv	BOBJ1	9	22.7	After	Interior Girder 1	22.7	0.95	1	1	3.975828
Type 3_serv	BOBJ1	9	22.7	After	Interior Girder 2	22.7	0.95	1	1	3.788884
Type 3_serv	BOBJ1	9	22.7	After	Interior Girder 3	22.7	0.95	1	1	3.710011
Type 3_serv	BOBJ1	9	22.7	After	Interior Girder 4	22.7	0.95	1	1	3.710011
Type 3_serv	BOBJ1	9	22.7	After	Interior Girder 5	22.7	0.95	1	1	3.788884
Type 3_serv	BOBJ1	9	22.7	After	Interior Girder 6	22.7	0.95	1	1	3.975828
Type 3_serv	BOBJ1	9	22.7	After	Right Exterior Girder	22.7	0.95	1	1	4.704332
Type 3_serv	BOBJ1	10	28.3167	Before	Left Exterior Girder	28.3167	0.95	1	1	5.12003
Type 3_serv	BOBJ1	10	28.3167	Before	Interior Girder 1	28.3167	0.95	1	1	4.02833
Type 3_serv	BOBJ1	10	28.3167	Before	Interior Girder 2	28.3167	0.95	1	1	3.847738
Type 3_serv	BOBJ1	10	28.3167	Before	Interior Girder 3	28.3167	0.95	1	1	3.74543
Type 3_serv	BOBJ1	10	28.3167	Before	Interior Girder 4	28.3167	0.95	1	1	3.74543
Type 3_serv	BOBJ1	10	28.3167	Before	Interior Girder 5	28.3167	0.95	1	1	3.847738

TABLE: Bridge Super Rating AASHTORATE18 31 - SteelCompServ-Flx - Approach, Span 12-15										
Request	BridgeObj	BridgeCut	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	Unitless	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Type 3_serv	BOBJ1	10	28.3167	Before	Interior Girder 6	28.3167	0.95	1	1	4.02833
Type 3_serv	BOBJ1	10	28.3167	Before	Right Exterior Girder	28.3167	0.95	1	1	5.12003
Type 3_serv	BOBJ1	11	28.3167	After	Left Exterior Girder	28.3167	0.95	1	1	5.143551
Type 3_serv	BOBJ1	11	28.3167	After	Interior Girder 1	28.3167	0.95	1	1	4.012178
Type 3_serv	BOBJ1	11	28.3167	After	Interior Girder 2	28.3167	0.95	1	1	3.826287
Type 3_serv	BOBJ1	11	28.3167	After	Interior Girder 3	28.3167	0.95	1	1	3.720351
Type 3_serv	BOBJ1	11	28.3167	After	Interior Girder 4	28.3167	0.95	1	1	3.720351
Type 3_serv	BOBJ1	11	28.3167	After	Interior Girder 5	28.3167	0.95	1	1	3.826287
Type 3_serv	BOBJ1	11	28.3167	After	Interior Girder 6	28.3167	0.95	1	1	4.012178
Type 3_serv	BOBJ1	11	28.3167	After	Right Exterior Girder	28.3167	0.95	1	1	5.143551
Type 3_serv	BOBJ1	12	33.9333	Before	Left Exterior Girder	33.9333	0.95	1	1	6.151453
Type 3_serv	BOBJ1	12	33.9333	Before	Interior Girder 1	33.9333	0.95	1	1	4.643059
Type 3_serv	BOBJ1	12	33.9333	Before	Interior Girder 2	33.9333	0.95	1	1	4.407507
Type 3_serv	BOBJ1	12	33.9333	Before	Interior Girder 3	33.9333	0.95	1	1	4.318724
Type 3_serv	BOBJ1	12	33.9333	Before	Interior Girder 4	33.9333	0.95	1	1	4.318724
Type 3_serv	BOBJ1	12	33.9333	Before	Interior Girder 5	33.9333	0.95	1	1	4.407507
Type 3_serv	BOBJ1	12	33.9333	Before	Interior Girder 6	33.9333	0.95	1	1	4.643059
Type 3_serv	BOBJ1	12	33.9333	Before	Right Exterior Girder	33.9333	0.95	1	1	6.151453
Type 3_serv	BOBJ1	13	33.9333	After	Left Exterior Girder	33.9333	0.95	1	1	6.08464
Type 3_serv	BOBJ1	13	33.9333	After	Interior Girder 1	33.9333	0.95	1	1	4.67912
Type 3_serv	BOBJ1	13	33.9333	After	Interior Girder 2	33.9333	0.95	1	1	4.41043
Type 3_serv	BOBJ1	13	33.9333	After	Interior Girder 3	33.9333	0.95	1	1	4.293574
Type 3_serv	BOBJ1	13	33.9333	After	Interior Girder 4	33.9333	0.95	1	1	4.293574
Type 3_serv	BOBJ1	13	33.9333	After	Interior Girder 5	33.9333	0.95	1	1	4.41043
Type 3_serv	BOBJ1	13	33.9333	After	Interior Girder 6	33.9333	0.95	1	1	4.67912
Type 3_serv	BOBJ1	13	33.9333	After	Right Exterior Girder	33.9333	0.95	1	1	6.08464
Type 3_serv	BOBJ1	14	39.55	Before	Left Exterior Girder	39.55	0.95	1	1	8.300497
Type 3_serv	BOBJ1	14	39.55	Before	Interior Girder 1	39.55	0.95	1	1	6.491134
Type 3_serv	BOBJ1	14	39.55	Before	Interior Girder 2	39.55	0.95	1	1	5.994876
Type 3_serv	BOBJ1	14	39.55	Before	Interior Girder 3	39.55	0.95	1	1	5.882756
Type 3_serv	BOBJ1	14	39.55	Before	Interior Girder 4	39.55	0.95	1	1	5.882756
Type 3_serv	BOBJ1	14	39.55	Before	Interior Girder 5	39.55	0.95	1	1	5.994876
Type 3_serv	BOBJ1	14	39.55	Before	Interior Girder 6	39.55	0.95	1	1	6.491134
Type 3_serv	BOBJ1	14	39.55	Before	Right Exterior Girder	39.55	0.95	1	1	8.300497
Type 3_serv	BOBJ1	15	39.55	After	Left Exterior Girder	39.55	0.95	1	1	8.306471
Type 3_serv	BOBJ1	15	39.55	After	Interior Girder 1	39.55	0.95	1	1	6.51032
Type 3_serv	BOBJ1	15	39.55	After	Interior Girder 2	39.55	0.95	1	1	5.973373
Type 3_serv	BOBJ1	15	39.55	After	Interior Girder 3	39.55	0.95	1	1	5.806564
Type 3_serv	BOBJ1	15	39.55	After	Interior Girder 4	39.55	0.95	1	1	5.806564
Type 3_serv	BOBJ1	15	39.55	After	Interior Girder 5	39.55	0.95	1	1	5.973373
Type 3_serv	BOBJ1	15	39.55	After	Interior Girder 6	39.55	0.95	1	1	6.51032
Type 3_serv	BOBJ1	15	39.55	After	Right Exterior Girder	39.55	0.95	1	1	8.306471
Type 3_serv	BOBJ1	16	45.1733	Before	Left Exterior Girder	45.1226	0.95	1	1	7.099736
Type 3_serv	BOBJ1	16	45.1733	Before	Interior Girder 1	45.1226	0.95	1	1	7.247024
Type 3_serv	BOBJ1	16	45.1733	Before	Interior Girder 2	45.1226	0.95	1	1	6.944091
Type 3_serv	BOBJ1	16	45.1733	Before	Interior Girder 3	45.1226	0.95	1	1	7.066269
Type 3_serv	BOBJ1	16	45.1733	Before	Interior Girder 4	45.1226	0.95	1	1	7.066269
Type 3_serv	BOBJ1	16	45.1733	Before	Interior Girder 5	45.1226	0.95	1	1	6.944091
Type 3_serv	BOBJ1	16	45.1733	Before	Interior Girder 6	45.1226	0.95	1	1	7.247024
Type 3_serv	BOBJ1	16	45.1733	Before	Right Exterior Girder	45.1226	0.95	1	1	7.099736
Type 3_serv	BOBJ1	17	45.1733	After	Left Exterior Girder	45.1226	0.95	1	1	5.700197
Type 3_serv	BOBJ1	17	45.1733	After	Interior Girder 1	45.1226	0.95	1	1	5.81708
Type 3_serv	BOBJ1	17	45.1733	After	Interior Girder 2	45.1226	0.95	1	1	5.540148
Type 3_serv	BOBJ1	17	45.1733	After	Interior Girder 3	45.1226	0.95	1	1	5.661564
Type 3_serv	BOBJ1	17	45.1733	After	Interior Girder 4	45.1226	0.95	1	1	5.661564
Type 3_serv	BOBJ1	17	45.1733	After	Interior Girder 5	45.1226	0.95	1	1	5.540148
Type 3_serv	BOBJ1	17	45.1733	After	Interior Girder 6	45.1226	0.95	1	1	5.81708
Type 3_serv	BOBJ1	17	45.1733	After	Right Exterior Girder	45.1226	0.95	1	1	5.700197
Type 3_serv	BOBJ1	18	49.2561	Before	Left Exterior Girder	49.2561	0.95	1	1	4.375613
Type 3_serv	BOBJ1	18	49.2561	Before	Right Exterior Girder	49.2561	0.95	1	1	4.375613
Type 3_serv	BOBJ1	19	49.2561	After	Left Exterior Girder	49.2561	0.95	1	1	4.421957
Type 3_serv	BOBJ1	19	49.2561	After	Right Exterior Girder	49.2561	0.95	1	1	4.421957
Type 3_serv	BOBJ1	20	50.7967	Before	Left Exterior Girder	50.7967	0.95	1	1	8.876324
Type 3_serv	BOBJ1	20	50.7967	Before	Interior Girder 1	50.7967	0.95	1	1	4.397264
Type 3_serv	BOBJ1	20	50.7967	Before	Interior Girder 2	50.7967	0.95	1	1	4.162248
Type 3_serv	BOBJ1	20	50.7967	Before	Interior Girder 3	50.7967	0.95	1	1	4.003248
Type 3_serv	BOBJ1	20	50.7967	Before	Interior Girder 4	50.7967	0.95	1	1	4.003248
Type 3_serv	BOBJ1	20	50.7967	Before	Interior Girder 5	50.7967	0.95	1	1	4.162248
Type 3_serv	BOBJ1	20	50.7967	Before	Interior Girder 6	50.7967	0.95	1	1	4.397264
Type 3_serv	BOBJ1	20	50.7967	Before	Right Exterior Girder	50.7967	0.95	1	1	8.876324
Type 3_serv	BOBJ1	21	50.7967	After	Left Exterior Girder	50.7967	0.95	1	1	8.815144
Type 3_serv	BOBJ1	21	50.7967	After	Interior Girder 1	50.7967	0.95	1	1	4.39386
Type 3_serv	BOBJ1	21	50.7967	After	Interior Girder 2	50.7967	0.95	1	1	4.136758

TABLE: Bridge Super Rating AASHTORATE18 31 - SteelCompServ-Flx - Approach, Span 12-15										
Request	BridgeObj	BridgeCut	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	Unitless	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Type 3_serv	BOBJ1	21	50.7967	After	Interior Girder 3	50.7967	0.95	1	1	3.988747
Type 3_serv	BOBJ1	21	50.7967	After	Interior Girder 4	50.7967	0.95	1	1	3.988747
Type 3_serv	BOBJ1	21	50.7967	After	Interior Girder 5	50.7967	0.95	1	1	4.136758
Type 3_serv	BOBJ1	21	50.7967	After	Interior Girder 6	50.7967	0.95	1	1	4.39386
Type 3_serv	BOBJ1	21	50.7967	After	Right Exterior Girder	50.7967	0.95	1	1	8.815144
Type 3_serv	BOBJ1	22	51.3989	Before	Interior Girder 1	51.3989	0.95	1	1	4.232842
Type 3_serv	BOBJ1	22	51.3989	Before	Interior Girder 2	51.3989	0.95	1	1	4.004001
Type 3_serv	BOBJ1	22	51.3989	Before	Interior Girder 3	51.3989	0.95	1	1	3.829442
Type 3_serv	BOBJ1	22	51.3989	Before	Interior Girder 4	51.3989	0.95	1	1	3.829442
Type 3_serv	BOBJ1	22	51.3989	Before	Interior Girder 5	51.3989	0.95	1	1	4.004001
Type 3_serv	BOBJ1	22	51.3989	Before	Interior Girder 6	51.3989	0.95	1	1	4.232842
Type 3_serv	BOBJ1	23	51.3989	After	Interior Girder 1	51.3989	0.95	1	1	6.246598
Type 3_serv	BOBJ1	23	51.3989	After	Interior Girder 2	51.3989	0.95	1	1	5.870351
Type 3_serv	BOBJ1	23	51.3989	After	Interior Girder 3	51.3989	0.95	1	1	5.665411
Type 3_serv	BOBJ1	23	51.3989	After	Interior Girder 4	51.3989	0.95	1	1	5.665411
Type 3_serv	BOBJ1	23	51.3989	After	Interior Girder 5	51.3989	0.95	1	1	5.870351
Type 3_serv	BOBJ1	23	51.3989	After	Interior Girder 6	51.3989	0.95	1	1	6.246598
Type 3_serv	BOBJ1	24	56.42	Before	Left Exterior Girder	56.42	0.95	1	1	6.720915
Type 3_serv	BOBJ1	24	56.42	Before	Interior Girder 1	56.42	0.95	1	1	4.768786
Type 3_serv	BOBJ1	24	56.42	Before	Interior Girder 2	56.42	0.95	1	1	4.353482
Type 3_serv	BOBJ1	24	56.42	Before	Interior Girder 3	56.42	0.95	1	1	3.741767
Type 3_serv	BOBJ1	24	56.42	Before	Interior Girder 4	56.42	0.95	1	1	3.741767
Type 3_serv	BOBJ1	24	56.42	Before	Interior Girder 5	56.42	0.95	1	1	4.353482
Type 3_serv	BOBJ1	24	56.42	Before	Interior Girder 6	56.42	0.95	1	1	4.768786
Type 3_serv	BOBJ1	24	56.42	Before	Right Exterior Girder	56.42	0.95	1	1	6.720915
Type 3_serv	BOBJ1	25	56.42	After	Left Exterior Girder	0	0.95	1	1	6.906461
Type 3_serv	BOBJ1	25	56.42	After	Interior Girder 1	0	0.95	1	1	4.357137
Type 3_serv	BOBJ1	25	56.42	After	Interior Girder 2	0	0.95	1	1	4.088906
Type 3_serv	BOBJ1	25	56.42	After	Interior Girder 3	0	0.95	1	1	3.530328
Type 3_serv	BOBJ1	25	56.42	After	Interior Girder 4	0	0.95	1	1	3.530328
Type 3_serv	BOBJ1	25	56.42	After	Interior Girder 5	0	0.95	1	1	4.088906
Type 3_serv	BOBJ1	25	56.42	After	Interior Girder 6	0	0.95	1	1	4.357137
Type 3_serv	BOBJ1	25	56.42	After	Right Exterior Girder	0	0.95	1	1	6.906461
Type 3_serv	BOBJ1	26	62.0367	Before	Left Exterior Girder	5.6167	0.95	1	1	11.284435
Type 3_serv	BOBJ1	26	62.0367	Before	Interior Girder 1	5.6167	0.95	1	1	7.84984
Type 3_serv	BOBJ1	26	62.0367	Before	Interior Girder 2	5.6167	0.95	1	1	7.243897
Type 3_serv	BOBJ1	26	62.0367	Before	Interior Girder 3	5.6167	0.95	1	1	6.830703
Type 3_serv	BOBJ1	26	62.0367	Before	Interior Girder 4	5.6167	0.95	1	1	6.830703
Type 3_serv	BOBJ1	26	62.0367	Before	Interior Girder 5	5.6167	0.95	1	1	7.243897
Type 3_serv	BOBJ1	26	62.0367	Before	Interior Girder 6	5.6167	0.95	1	1	7.84984
Type 3_serv	BOBJ1	26	62.0367	Before	Right Exterior Girder	5.6167	0.95	1	1	11.284435
Type 3_serv	BOBJ1	27	62.0367	After	Left Exterior Girder	5.6167	0.95	1	1	11.176886
Type 3_serv	BOBJ1	27	62.0367	After	Interior Girder 1	5.6167	0.95	1	1	7.962954
Type 3_serv	BOBJ1	27	62.0367	After	Interior Girder 2	5.6167	0.95	1	1	7.358464
Type 3_serv	BOBJ1	27	62.0367	After	Interior Girder 3	5.6167	0.95	1	1	6.955957
Type 3_serv	BOBJ1	27	62.0367	After	Interior Girder 4	5.6167	0.95	1	1	6.955957
Type 3_serv	BOBJ1	27	62.0367	After	Interior Girder 5	5.6167	0.95	1	1	7.358464
Type 3_serv	BOBJ1	27	62.0367	After	Interior Girder 6	5.6167	0.95	1	1	7.962954
Type 3_serv	BOBJ1	27	62.0367	After	Right Exterior Girder	5.6167	0.95	1	1	11.176886
Type 3_serv	BOBJ1	28	62.4203	Before	Interior Girder 1	6.0003	0.95	1	1	8.107675
Type 3_serv	BOBJ1	28	62.4203	Before	Interior Girder 2	6.0003	0.95	1	1	7.483997
Type 3_serv	BOBJ1	28	62.4203	Before	Interior Girder 3	6.0003	0.95	1	1	7.109582
Type 3_serv	BOBJ1	28	62.4203	Before	Interior Girder 4	6.0003	0.95	1	1	7.109582
Type 3_serv	BOBJ1	28	62.4203	Before	Interior Girder 5	6.0003	0.95	1	1	7.483997
Type 3_serv	BOBJ1	28	62.4203	Before	Interior Girder 6	6.0003	0.95	1	1	8.107675
Type 3_serv	BOBJ1	29	62.4203	After	Interior Girder 1	6.0003	0.95	1	1	5.483464
Type 3_serv	BOBJ1	29	62.4203	After	Interior Girder 2	6.0003	0.95	1	1	5.118656
Type 3_serv	BOBJ1	29	62.4203	After	Interior Girder 3	6.0003	0.95	1	1	4.811779
Type 3_serv	BOBJ1	29	62.4203	After	Interior Girder 4	6.0003	0.95	1	1	4.811779
Type 3_serv	BOBJ1	29	62.4203	After	Interior Girder 5	6.0003	0.95	1	1	5.118656
Type 3_serv	BOBJ1	29	62.4203	After	Interior Girder 6	6.0003	0.95	1	1	5.483464
Type 3_serv	BOBJ1	30	64.9204	Before	Left Exterior Girder	8.5004	0.95	1	1	12.631508
Type 3_serv	BOBJ1	30	64.9204	Before	Right Exterior Girder	8.5004	0.95	1	1	12.631508
Type 3_serv	BOBJ1	31	64.9204	After	Left Exterior Girder	8.5004	0.95	1	1	6.003821
Type 3_serv	BOBJ1	31	64.9204	After	Right Exterior Girder	8.5004	0.95	1	1	6.003821
Type 3_serv	BOBJ1	32	67.6533	Before	Left Exterior Girder	11.2333	0.95	1	1	7.118542
Type 3_serv	BOBJ1	32	67.6533	Before	Interior Girder 1	11.2333	0.95	1	1	7.126949
Type 3_serv	BOBJ1	32	67.6533	Before	Interior Girder 2	11.2333	0.95	1	1	6.687892
Type 3_serv	BOBJ1	32	67.6533	Before	Interior Girder 3	11.2333	0.95	1	1	6.693521
Type 3_serv	BOBJ1	32	67.6533	Before	Interior Girder 4	11.2333	0.95	1	1	6.693521
Type 3_serv	BOBJ1	32	67.6533	Before	Interior Girder 5	11.2333	0.95	1	1	6.687892
Type 3_serv	BOBJ1	32	67.6533	Before	Interior Girder 6	11.2333	0.95	1	1	7.126949
Type 3_serv	BOBJ1	32	67.6533	Before	Right Exterior Girder	11.2333	0.95	1	1	7.118542

TABLE: Bridge Super Rating AASHTORATE18 31 - SteelICompServ-Flx - Approach, Span 12-15										
Request	BridgeObj	BridgeCut	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	Unitless	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Type 3_serv	BOBJ1	33	67.6533	After	Left Exterior Girder	11.2333	0.95	1	1	7.06825
Type 3_serv	BOBJ1	33	67.6533	After	Interior Girder 1	11.2333	0.95	1	1	7.177584
Type 3_serv	BOBJ1	33	67.6533	After	Interior Girder 2	11.2333	0.95	1	1	6.775029
Type 3_serv	BOBJ1	33	67.6533	After	Interior Girder 3	11.2333	0.95	1	1	6.759455
Type 3_serv	BOBJ1	33	67.6533	After	Interior Girder 4	11.2333	0.95	1	1	6.759455
Type 3_serv	BOBJ1	33	67.6533	After	Interior Girder 5	11.2333	0.95	1	1	6.775029
Type 3_serv	BOBJ1	33	67.6533	After	Interior Girder 6	11.2333	0.95	1	1	7.177584
Type 3_serv	BOBJ1	33	67.6533	After	Right Exterior Girder	11.2333	0.95	1	1	7.06825
Type 3_serv	BOBJ1	34	73.27	Before	Left Exterior Girder	16.85	0.95	1	1	8.28968
Type 3_serv	BOBJ1	34	73.27	Before	Interior Girder 1	16.85	0.95	1	1	6.418182
Type 3_serv	BOBJ1	34	73.27	Before	Interior Girder 2	16.85	0.95	1	1	5.830119
Type 3_serv	BOBJ1	34	73.27	Before	Interior Girder 3	16.85	0.95	1	1	5.61927
Type 3_serv	BOBJ1	34	73.27	Before	Interior Girder 4	16.85	0.95	1	1	5.61927
Type 3_serv	BOBJ1	34	73.27	Before	Interior Girder 5	16.85	0.95	1	1	5.830119
Type 3_serv	BOBJ1	34	73.27	Before	Interior Girder 6	16.85	0.95	1	1	6.418182
Type 3_serv	BOBJ1	34	73.27	Before	Right Exterior Girder	16.85	0.95	1	1	8.28968
Type 3_serv	BOBJ1	35	73.27	After	Left Exterior Girder	16.85	0.95	1	1	8.416482
Type 3_serv	BOBJ1	35	73.27	After	Interior Girder 1	16.85	0.95	1	1	6.35334
Type 3_serv	BOBJ1	35	73.27	After	Interior Girder 2	16.85	0.95	1	1	5.826138
Type 3_serv	BOBJ1	35	73.27	After	Interior Girder 3	16.85	0.95	1	1	5.671498
Type 3_serv	BOBJ1	35	73.27	After	Interior Girder 4	16.85	0.95	1	1	5.671498
Type 3_serv	BOBJ1	35	73.27	After	Interior Girder 5	16.85	0.95	1	1	5.826138
Type 3_serv	BOBJ1	35	73.27	After	Interior Girder 6	16.85	0.95	1	1	6.35334
Type 3_serv	BOBJ1	35	73.27	After	Right Exterior Girder	16.85	0.95	1	1	8.416482
Type 3_serv	BOBJ1	36	78.8867	Before	Left Exterior Girder	22.4667	0.95	1	1	5.778512
Type 3_serv	BOBJ1	36	78.8867	Before	Interior Girder 1	22.4667	0.95	1	1	4.468669
Type 3_serv	BOBJ1	36	78.8867	Before	Interior Girder 2	22.4667	0.95	1	1	4.198152
Type 3_serv	BOBJ1	36	78.8867	Before	Interior Girder 3	22.4667	0.95	1	1	4.065003
Type 3_serv	BOBJ1	36	78.8867	Before	Interior Girder 4	22.4667	0.95	1	1	4.065003
Type 3_serv	BOBJ1	36	78.8867	Before	Interior Girder 5	22.4667	0.95	1	1	4.198152
Type 3_serv	BOBJ1	36	78.8867	Before	Interior Girder 6	22.4667	0.95	1	1	4.468669
Type 3_serv	BOBJ1	36	78.8867	Before	Right Exterior Girder	22.4667	0.95	1	1	5.778512
Type 3_serv	BOBJ1	37	78.8867	After	Left Exterior Girder	22.4667	0.95	1	1	5.867104
Type 3_serv	BOBJ1	37	78.8867	After	Interior Girder 1	22.4667	0.95	1	1	4.424444
Type 3_serv	BOBJ1	37	78.8867	After	Interior Girder 2	22.4667	0.95	1	1	4.184895
Type 3_serv	BOBJ1	37	78.8867	After	Interior Girder 3	22.4667	0.95	1	1	4.084874
Type 3_serv	BOBJ1	37	78.8867	After	Interior Girder 4	22.4667	0.95	1	1	4.084874
Type 3_serv	BOBJ1	37	78.8867	After	Interior Girder 5	22.4667	0.95	1	1	4.184895
Type 3_serv	BOBJ1	37	78.8867	After	Interior Girder 6	22.4667	0.95	1	1	4.424444
Type 3_serv	BOBJ1	37	78.8867	After	Right Exterior Girder	22.4667	0.95	1	1	5.867104
Type 3_serv	BOBJ1	38	84.5033	Before	Left Exterior Girder	28.0833	0.95	1	1	4.664663
Type 3_serv	BOBJ1	38	84.5033	Before	Interior Girder 1	28.0833	0.95	1	1	3.75528
Type 3_serv	BOBJ1	38	84.5033	Before	Interior Girder 2	28.0833	0.95	1	1	3.577189
Type 3_serv	BOBJ1	38	84.5033	Before	Interior Girder 3	28.0833	0.95	1	1	3.488866
Type 3_serv	BOBJ1	38	84.5033	Before	Interior Girder 4	28.0833	0.95	1	1	3.488866
Type 3_serv	BOBJ1	38	84.5033	Before	Interior Girder 5	28.0833	0.95	1	1	3.577189
Type 3_serv	BOBJ1	38	84.5033	Before	Interior Girder 6	28.0833	0.95	1	1	3.75528
Type 3_serv	BOBJ1	38	84.5033	Before	Right Exterior Girder	28.0833	0.95	1	1	4.664663
Type 3_serv	BOBJ1	39	84.5033	After	Left Exterior Girder	28.0833	0.95	1	1	4.662487
Type 3_serv	BOBJ1	39	84.5033	After	Interior Girder 1	28.0833	0.95	1	1	3.762897
Type 3_serv	BOBJ1	39	84.5033	After	Interior Girder 2	28.0833	0.95	1	1	3.594574
Type 3_serv	BOBJ1	39	84.5033	After	Interior Girder 3	28.0833	0.95	1	1	3.507057
Type 3_serv	BOBJ1	39	84.5033	After	Interior Girder 4	28.0833	0.95	1	1	3.507057
Type 3_serv	BOBJ1	39	84.5033	After	Interior Girder 5	28.0833	0.95	1	1	3.594574
Type 3_serv	BOBJ1	39	84.5033	After	Interior Girder 6	28.0833	0.95	1	1	3.762897
Type 3_serv	BOBJ1	39	84.5033	After	Right Exterior Girder	28.0833	0.95	1	1	4.662487
Type 3_serv	BOBJ1	40	90.12	Before	Left Exterior Girder	33.7	0.95	1	1	4.19857
Type 3_serv	BOBJ1	40	90.12	Before	Interior Girder 1	33.7	0.95	1	1	3.741037
Type 3_serv	BOBJ1	40	90.12	Before	Interior Girder 2	33.7	0.95	1	1	3.564462
Type 3_serv	BOBJ1	40	90.12	Before	Interior Girder 3	33.7	0.95	1	1	3.505236
Type 3_serv	BOBJ1	40	90.12	Before	Interior Girder 4	33.7	0.95	1	1	3.505236
Type 3_serv	BOBJ1	40	90.12	Before	Interior Girder 5	33.7	0.95	1	1	3.564462
Type 3_serv	BOBJ1	40	90.12	Before	Interior Girder 6	33.7	0.95	1	1	3.741037
Type 3_serv	BOBJ1	40	90.12	Before	Right Exterior Girder	33.7	0.95	1	1	4.19857
Type 3_serv	BOBJ1	41	90.12	After	Left Exterior Girder	33.7	0.95	1	1	4.212841
Type 3_serv	BOBJ1	41	90.12	After	Interior Girder 1	33.7	0.95	1	1	3.731834
Type 3_serv	BOBJ1	41	90.12	After	Interior Girder 2	33.7	0.95	1	1	3.557876
Type 3_serv	BOBJ1	41	90.12	After	Interior Girder 3	33.7	0.95	1	1	3.496998
Type 3_serv	BOBJ1	41	90.12	After	Interior Girder 4	33.7	0.95	1	1	3.496998
Type 3_serv	BOBJ1	41	90.12	After	Interior Girder 5	33.7	0.95	1	1	3.557876
Type 3_serv	BOBJ1	41	90.12	After	Interior Girder 6	33.7	0.95	1	1	3.731834
Type 3_serv	BOBJ1	41	90.12	After	Right Exterior Girder	33.7	0.95	1	1	4.212841
Type 3_serv	BOBJ1	42	95.7367	Before	Left Exterior Girder	39.3167	0.95	1	1	4.622599

TABLE: Bridge Super Rating AASHTORATE18 31 - SteelICompServ-Flx - Approach, Span 12-15										
Request	BridgeObj	BridgeCut	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	Unitless	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Type 3_serv	BOBJ1	42	95.7367	Before	Interior Girder 1	39.3167	0.95	1	1	3.738458
Type 3_serv	BOBJ1	42	95.7367	Before	Interior Girder 2	39.3167	0.95	1	1	3.572338
Type 3_serv	BOBJ1	42	95.7367	Before	Interior Girder 3	39.3167	0.95	1	1	3.488647
Type 3_serv	BOBJ1	42	95.7367	Before	Interior Girder 4	39.3167	0.95	1	1	3.488647
Type 3_serv	BOBJ1	42	95.7367	Before	Interior Girder 5	39.3167	0.95	1	1	3.572338
Type 3_serv	BOBJ1	42	95.7367	Before	Interior Girder 6	39.3167	0.95	1	1	3.738458
Type 3_serv	BOBJ1	42	95.7367	Before	Right Exterior Girder	39.3167	0.95	1	1	4.622599
Type 3_serv	BOBJ1	43	95.7367	After	Left Exterior Girder	39.3167	0.95	1	1	4.627365
Type 3_serv	BOBJ1	43	95.7367	After	Interior Girder 1	39.3167	0.95	1	1	3.729473
Type 3_serv	BOBJ1	43	95.7367	After	Interior Girder 2	39.3167	0.95	1	1	3.555359
Type 3_serv	BOBJ1	43	95.7367	After	Interior Girder 3	39.3167	0.95	1	1	3.47172
Type 3_serv	BOBJ1	43	95.7367	After	Interior Girder 4	39.3167	0.95	1	1	3.47172
Type 3_serv	BOBJ1	43	95.7367	After	Interior Girder 5	39.3167	0.95	1	1	3.555359
Type 3_serv	BOBJ1	43	95.7367	After	Interior Girder 6	39.3167	0.95	1	1	3.729473
Type 3_serv	BOBJ1	43	95.7367	After	Right Exterior Girder	39.3167	0.95	1	1	4.627365
Type 3_serv	BOBJ1	44	101.3533	Before	Left Exterior Girder	44.9333	0.95	1	1	5.732949
Type 3_serv	BOBJ1	44	101.3533	Before	Interior Girder 1	44.9333	0.95	1	1	4.372769
Type 3_serv	BOBJ1	44	101.3533	Before	Interior Girder 2	44.9333	0.95	1	1	4.136236
Type 3_serv	BOBJ1	44	101.3533	Before	Interior Girder 3	44.9333	0.95	1	1	4.048875
Type 3_serv	BOBJ1	44	101.3533	Before	Interior Girder 4	44.9333	0.95	1	1	4.048875
Type 3_serv	BOBJ1	44	101.3533	Before	Interior Girder 5	44.9333	0.95	1	1	4.136236
Type 3_serv	BOBJ1	44	101.3533	Before	Interior Girder 6	44.9333	0.95	1	1	4.372769
Type 3_serv	BOBJ1	44	101.3533	Before	Right Exterior Girder	44.9333	0.95	1	1	5.732949
Type 3_serv	BOBJ1	45	101.3533	After	Left Exterior Girder	44.9333	0.95	1	1	5.647769
Type 3_serv	BOBJ1	45	101.3533	After	Interior Girder 1	44.9333	0.95	1	1	4.414802
Type 3_serv	BOBJ1	45	101.3533	After	Interior Girder 2	44.9333	0.95	1	1	4.150915
Type 3_serv	BOBJ1	45	101.3533	After	Interior Girder 3	44.9333	0.95	1	1	4.030976
Type 3_serv	BOBJ1	45	101.3533	After	Interior Girder 4	44.9333	0.95	1	1	4.030976
Type 3_serv	BOBJ1	45	101.3533	After	Interior Girder 5	44.9333	0.95	1	1	4.150915
Type 3_serv	BOBJ1	45	101.3533	After	Interior Girder 6	44.9333	0.95	1	1	4.414802
Type 3_serv	BOBJ1	45	101.3533	After	Right Exterior Girder	44.9333	0.95	1	1	5.647769
Type 3_serv	BOBJ1	46	106.97	Before	Left Exterior Girder	50.55	0.95	1	1	7.886038
Type 3_serv	BOBJ1	46	106.97	Before	Interior Girder 1	50.55	0.95	1	1	6.228907
Type 3_serv	BOBJ1	46	106.97	Before	Interior Girder 2	50.55	0.95	1	1	5.709945
Type 3_serv	BOBJ1	46	106.97	Before	Interior Girder 3	50.55	0.95	1	1	5.583903
Type 3_serv	BOBJ1	46	106.97	Before	Interior Girder 4	50.55	0.95	1	1	5.583903
Type 3_serv	BOBJ1	46	106.97	Before	Interior Girder 5	50.55	0.95	1	1	5.709945
Type 3_serv	BOBJ1	46	106.97	Before	Interior Girder 6	50.55	0.95	1	1	6.228907
Type 3_serv	BOBJ1	46	106.97	Before	Right Exterior Girder	50.55	0.95	1	1	7.886038
Type 3_serv	BOBJ1	47	106.97	After	Left Exterior Girder	50.55	0.95	1	1	7.939762
Type 3_serv	BOBJ1	47	106.97	After	Interior Girder 1	50.55	0.95	1	1	6.248339
Type 3_serv	BOBJ1	47	106.97	After	Interior Girder 2	50.55	0.95	1	1	5.695605
Type 3_serv	BOBJ1	47	106.97	After	Interior Girder 3	50.55	0.95	1	1	5.512895
Type 3_serv	BOBJ1	47	106.97	After	Interior Girder 4	50.55	0.95	1	1	5.512895
Type 3_serv	BOBJ1	47	106.97	After	Interior Girder 5	50.55	0.95	1	1	5.695605
Type 3_serv	BOBJ1	47	106.97	After	Interior Girder 6	50.55	0.95	1	1	6.248339
Type 3_serv	BOBJ1	47	106.97	After	Right Exterior Girder	50.55	0.95	1	1	7.939762
Type 3_serv	BOBJ1	48	112.5933	Before	Left Exterior Girder	56.1733	0.95	1	1	5.887687
Type 3_serv	BOBJ1	48	112.5933	Before	Interior Girder 1	56.1733	0.95	1	1	6.082367
Type 3_serv	BOBJ1	48	112.5933	Before	Interior Girder 2	56.1733	0.95	1	1	5.787621
Type 3_serv	BOBJ1	48	112.5933	Before	Interior Girder 3	56.1733	0.95	1	1	5.861911
Type 3_serv	BOBJ1	48	112.5933	Before	Interior Girder 4	56.1733	0.95	1	1	5.861911
Type 3_serv	BOBJ1	48	112.5933	Before	Interior Girder 5	56.1733	0.95	1	1	5.787621
Type 3_serv	BOBJ1	48	112.5933	Before	Interior Girder 6	56.1733	0.95	1	1	6.082367
Type 3_serv	BOBJ1	48	112.5933	Before	Right Exterior Girder	56.1733	0.95	1	1	5.887687
Type 3_serv	BOBJ1	49	112.5933	After	Left Exterior Girder	56.1733	0.95	1	1	5.922979
Type 3_serv	BOBJ1	49	112.5933	After	Interior Girder 1	56.1733	0.95	1	1	6.052579
Type 3_serv	BOBJ1	49	112.5933	After	Interior Girder 2	56.1733	0.95	1	1	5.73485
Type 3_serv	BOBJ1	49	112.5933	After	Interior Girder 3	56.1733	0.95	1	1	5.818019
Type 3_serv	BOBJ1	49	112.5933	After	Interior Girder 4	56.1733	0.95	1	1	5.818019
Type 3_serv	BOBJ1	49	112.5933	After	Interior Girder 5	56.1733	0.95	1	1	5.73485
Type 3_serv	BOBJ1	49	112.5933	After	Interior Girder 6	56.1733	0.95	1	1	6.052579
Type 3_serv	BOBJ1	49	112.5933	After	Right Exterior Girder	56.1733	0.95	1	1	5.922979
Type 3_serv	BOBJ1	50	115.3396	Before	Left Exterior Girder	58.9196	0.95	1	1	4.97401
Type 3_serv	BOBJ1	50	115.3396	Before	Right Exterior Girder	58.9196	0.95	1	1	4.97401
Type 3_serv	BOBJ1	51	115.3396	After	Left Exterior Girder	58.9196	0.95	1	1	10.519456
Type 3_serv	BOBJ1	51	115.3396	After	Right Exterior Girder	58.9196	0.95	1	1	10.519456
Type 3_serv	BOBJ1	52	118.2167	Before	Left Exterior Girder	61.7967	0.95	1	1	9.321013
Type 3_serv	BOBJ1	52	118.2167	Before	Interior Girder 1	61.9198	0.95	1	1	4.51103
Type 3_serv	BOBJ1	52	118.2167	Before	Interior Girder 2	61.9198	0.95	1	1	4.282967
Type 3_serv	BOBJ1	52	118.2167	Before	Interior Girder 3	61.9198	0.95	1	1	4.083028
Type 3_serv	BOBJ1	52	118.2167	Before	Interior Girder 4	61.9198	0.95	1	1	4.083028
Type 3_serv	BOBJ1	52	118.2167	Before	Interior Girder 5	61.9198	0.95	1	1	4.282967

TABLE: Bridge Super Rating AASHTORATE18 31 - SteelICompServ-Flx - Approach, Span 12-15										
Request	BridgeObj	BridgeCut	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	Unitless	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Type 3_serv	BOBJ1	52	118.2167	Before	Interior Girder 6	61.9198	0.95	1	1	4.51103
Type 3_serv	BOBJ1	52	118.2167	Before	Right Exterior Girder	61.7967	0.95	1	1	9.321013
Type 3_serv	BOBJ1	53	118.2167	After	Left Exterior Girder	61.7967	0.95	1	1	9.314744
Type 3_serv	BOBJ1	53	118.2167	After	Interior Girder 1	61.9198	0.95	1	1	6.715971
Type 3_serv	BOBJ1	53	118.2167	After	Interior Girder 2	61.9198	0.95	1	1	6.238615
Type 3_serv	BOBJ1	53	118.2167	After	Interior Girder 3	61.9198	0.95	1	1	6.007511
Type 3_serv	BOBJ1	53	118.2167	After	Interior Girder 4	61.9198	0.95	1	1	6.007511
Type 3_serv	BOBJ1	53	118.2167	After	Interior Girder 5	61.9198	0.95	1	1	6.238615
Type 3_serv	BOBJ1	53	118.2167	After	Interior Girder 6	61.9198	0.95	1	1	6.715971
Type 3_serv	BOBJ1	53	118.2167	After	Right Exterior Girder	61.7967	0.95	1	1	9.314744
Type 3_serv	BOBJ1	54	123.84	Before	Left Exterior Girder	67.42	0.95	1	1	6.967713
Type 3_serv	BOBJ1	54	123.84	Before	Interior Girder 1	67.42	0.95	1	1	4.572036
Type 3_serv	BOBJ1	54	123.84	Before	Interior Girder 2	67.42	0.95	1	1	4.179376
Type 3_serv	BOBJ1	54	123.84	Before	Interior Girder 3	67.42	0.95	1	1	3.549245
Type 3_serv	BOBJ1	54	123.84	Before	Interior Girder 4	67.42	0.95	1	1	3.549245
Type 3_serv	BOBJ1	54	123.84	Before	Interior Girder 5	67.42	0.95	1	1	4.179376
Type 3_serv	BOBJ1	54	123.84	Before	Interior Girder 6	67.42	0.95	1	1	4.572036
Type 3_serv	BOBJ1	54	123.84	Before	Right Exterior Girder	67.42	0.95	1	1	6.967713
Type 3_serv	BOBJ1	55	123.84	After	Left Exterior Girder	0	0.95	1	1	6.905973
Type 3_serv	BOBJ1	55	123.84	After	Interior Girder 1	0	0.95	1	1	4.53016
Type 3_serv	BOBJ1	55	123.84	After	Interior Girder 2	0	0.95	1	1	4.178404
Type 3_serv	BOBJ1	55	123.84	After	Interior Girder 3	0	0.95	1	1	3.550124
Type 3_serv	BOBJ1	55	123.84	After	Interior Girder 4	0	0.95	1	1	3.550124
Type 3_serv	BOBJ1	55	123.84	After	Interior Girder 5	0	0.95	1	1	4.178404
Type 3_serv	BOBJ1	55	123.84	After	Interior Girder 6	0	0.95	1	1	4.53016
Type 3_serv	BOBJ1	55	123.84	After	Right Exterior Girder	0	0.95	1	1	6.905973
Type 3_serv	BOBJ1	56	129.34	Before	Interior Girder 1	5.5	0.95	1	1	6.794989
Type 3_serv	BOBJ1	56	129.34	Before	Interior Girder 2	5.5	0.95	1	1	6.351499
Type 3_serv	BOBJ1	56	129.34	Before	Interior Girder 3	5.5	0.95	1	1	6.112287
Type 3_serv	BOBJ1	56	129.34	Before	Interior Girder 4	5.5	0.95	1	1	6.112287
Type 3_serv	BOBJ1	56	129.34	Before	Interior Girder 5	5.5	0.95	1	1	6.351499
Type 3_serv	BOBJ1	56	129.34	Before	Interior Girder 6	5.5	0.95	1	1	6.794989
Type 3_serv	BOBJ1	57	129.34	After	Interior Girder 1	5.5	0.95	1	1	4.619358
Type 3_serv	BOBJ1	57	129.34	After	Interior Girder 2	5.5	0.95	1	1	4.342107
Type 3_serv	BOBJ1	57	129.34	After	Interior Girder 3	5.5	0.95	1	1	4.144592
Type 3_serv	BOBJ1	57	129.34	After	Interior Girder 4	5.5	0.95	1	1	4.144592
Type 3_serv	BOBJ1	57	129.34	After	Interior Girder 5	5.5	0.95	1	1	4.342107
Type 3_serv	BOBJ1	57	129.34	After	Interior Girder 6	5.5	0.95	1	1	4.619358
Type 3_serv	BOBJ1	58	130.79	Before	Left Exterior Girder	6.95	0.95	1	1	9.915553
Type 3_serv	BOBJ1	58	130.79	Before	Interior Girder 1	6.95	0.95	1	1	5.030511
Type 3_serv	BOBJ1	58	130.79	Before	Interior Girder 2	6.95	0.95	1	1	4.692833
Type 3_serv	BOBJ1	58	130.79	Before	Interior Girder 3	6.95	0.95	1	1	4.576124
Type 3_serv	BOBJ1	58	130.79	Before	Interior Girder 4	6.95	0.95	1	1	4.576124
Type 3_serv	BOBJ1	58	130.79	Before	Interior Girder 5	6.95	0.95	1	1	4.692833
Type 3_serv	BOBJ1	58	130.79	Before	Interior Girder 6	6.95	0.95	1	1	5.030511
Type 3_serv	BOBJ1	58	130.79	Before	Right Exterior Girder	6.95	0.95	1	1	9.915553
Type 3_serv	BOBJ1	59	130.79	After	Left Exterior Girder	6.95	0.95	1	1	9.999756
Type 3_serv	BOBJ1	59	130.79	After	Interior Girder 1	6.95	0.95	1	1	5.005976
Type 3_serv	BOBJ1	59	130.79	After	Interior Girder 2	6.95	0.95	1	1	4.730624
Type 3_serv	BOBJ1	59	130.79	After	Interior Girder 3	6.95	0.95	1	1	4.605159
Type 3_serv	BOBJ1	59	130.79	After	Interior Girder 4	6.95	0.95	1	1	4.605159
Type 3_serv	BOBJ1	59	130.79	After	Interior Girder 5	6.95	0.95	1	1	4.730624
Type 3_serv	BOBJ1	59	130.79	After	Interior Girder 6	6.95	0.95	1	1	5.005976
Type 3_serv	BOBJ1	59	130.79	After	Right Exterior Girder	6.95	0.95	1	1	9.999756
Type 3_serv	BOBJ1	60	132.34	Before	Left Exterior Girder	8.5	0.95	1	1	10.720614
Type 3_serv	BOBJ1	60	132.34	Before	Right Exterior Girder	8.5	0.95	1	1	10.720614
Type 3_serv	BOBJ1	61	132.34	After	Left Exterior Girder	8.5	0.95	1	1	5.012446
Type 3_serv	BOBJ1	61	132.34	After	Right Exterior Girder	8.5	0.95	1	1	5.012446
Type 3_serv	BOBJ1	62	137.74	Before	Left Exterior Girder	13.9	0.95	1	1	6.905547
Type 3_serv	BOBJ1	62	137.74	Before	Interior Girder 1	13.9	0.95	1	1	6.984915
Type 3_serv	BOBJ1	62	137.74	Before	Interior Girder 2	13.9	0.95	1	1	6.721685
Type 3_serv	BOBJ1	62	137.74	Before	Interior Girder 3	13.9	0.95	1	1	6.851987
Type 3_serv	BOBJ1	62	137.74	Before	Interior Girder 4	13.9	0.95	1	1	6.851987
Type 3_serv	BOBJ1	62	137.74	Before	Interior Girder 5	13.9	0.95	1	1	6.721685
Type 3_serv	BOBJ1	62	137.74	Before	Interior Girder 6	13.9	0.95	1	1	6.984915
Type 3_serv	BOBJ1	62	137.74	Before	Right Exterior Girder	13.9	0.95	1	1	6.905547
Type 3_serv	BOBJ1	63	137.74	After	Left Exterior Girder	13.9	0.95	1	1	6.857352
Type 3_serv	BOBJ1	63	137.74	After	Interior Girder 1	13.9	0.95	1	1	7.022819
Type 3_serv	BOBJ1	63	137.74	After	Interior Girder 2	13.9	0.95	1	1	6.772153
Type 3_serv	BOBJ1	63	137.74	After	Interior Girder 3	13.9	0.95	1	1	6.960724
Type 3_serv	BOBJ1	63	137.74	After	Interior Girder 4	13.9	0.95	1	1	6.960724
Type 3_serv	BOBJ1	63	137.74	After	Interior Girder 5	13.9	0.95	1	1	6.772153
Type 3_serv	BOBJ1	63	137.74	After	Interior Girder 6	13.9	0.95	1	1	7.022819

TABLE: Bridge Super Rating AASHTORATE18 31 - SteelICompServ-Flx - Approach, Span 12-15										
Request	BridgeObj	BridgeCut	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	Unitless	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Type 3_serv	BOBJ1	63	137.74	After	Right Exterior Girder	13.9	0.95	1	1	6.857352
Type 3_serv	BOBJ1	64	143.7733	Before	Left Exterior Girder	19.9333	0.95	1	1	6.670688
Type 3_serv	BOBJ1	64	143.7733	Before	Interior Girder 1	19.9333	0.95	1	1	4.884939
Type 3_serv	BOBJ1	64	143.7733	Before	Interior Girder 2	19.9333	0.95	1	1	4.570976
Type 3_serv	BOBJ1	64	143.7733	Before	Interior Girder 3	19.9333	0.95	1	1	4.421915
Type 3_serv	BOBJ1	64	143.7733	Before	Interior Girder 4	19.9333	0.95	1	1	4.421915
Type 3_serv	BOBJ1	64	143.7733	Before	Interior Girder 5	19.9333	0.95	1	1	4.570976
Type 3_serv	BOBJ1	64	143.7733	Before	Interior Girder 6	19.9333	0.95	1	1	4.884939
Type 3_serv	BOBJ1	64	143.7733	Before	Right Exterior Girder	19.9333	0.95	1	1	6.670688
Type 3_serv	BOBJ1	65	143.7733	After	Left Exterior Girder	19.9333	0.95	1	1	6.778772
Type 3_serv	BOBJ1	65	143.7733	After	Interior Girder 1	19.9333	0.95	1	1	4.829938
Type 3_serv	BOBJ1	65	143.7733	After	Interior Girder 2	19.9333	0.95	1	1	4.56575
Type 3_serv	BOBJ1	65	143.7733	After	Interior Girder 3	19.9333	0.95	1	1	4.463743
Type 3_serv	BOBJ1	65	143.7733	After	Interior Girder 4	19.9333	0.95	1	1	4.463743
Type 3_serv	BOBJ1	65	143.7733	After	Interior Girder 5	19.9333	0.95	1	1	4.56575
Type 3_serv	BOBJ1	65	143.7733	After	Interior Girder 6	19.9333	0.95	1	1	4.829938
Type 3_serv	BOBJ1	65	143.7733	After	Right Exterior Girder	19.9333	0.95	1	1	6.778772
Type 3_serv	BOBJ1	66	149.8067	Before	Left Exterior Girder	25.9667	0.95	1	1	4.912154
Type 3_serv	BOBJ1	66	149.8067	Before	Interior Girder 1	25.9667	0.95	1	1	3.852777
Type 3_serv	BOBJ1	66	149.8067	Before	Interior Girder 2	25.9667	0.95	1	1	3.658893
Type 3_serv	BOBJ1	66	149.8067	Before	Interior Girder 3	25.9667	0.95	1	1	3.567686
Type 3_serv	BOBJ1	66	149.8067	Before	Interior Girder 4	25.9667	0.95	1	1	3.567686
Type 3_serv	BOBJ1	66	149.8067	Before	Interior Girder 5	25.9667	0.95	1	1	3.658893
Type 3_serv	BOBJ1	66	149.8067	Before	Interior Girder 6	25.9667	0.95	1	1	3.852777
Type 3_serv	BOBJ1	66	149.8067	Before	Right Exterior Girder	25.9667	0.95	1	1	4.912154
Type 3_serv	BOBJ1	67	149.8067	After	Left Exterior Girder	25.9667	0.95	1	1	4.914183
Type 3_serv	BOBJ1	67	149.8067	After	Interior Girder 1	25.9667	0.95	1	1	3.855867
Type 3_serv	BOBJ1	67	149.8067	After	Interior Girder 2	25.9667	0.95	1	1	3.68021
Type 3_serv	BOBJ1	67	149.8067	After	Interior Girder 3	25.9667	0.95	1	1	3.599147
Type 3_serv	BOBJ1	67	149.8067	After	Interior Girder 4	25.9667	0.95	1	1	3.599147
Type 3_serv	BOBJ1	67	149.8067	After	Interior Girder 5	25.9667	0.95	1	1	3.68021
Type 3_serv	BOBJ1	67	149.8067	After	Interior Girder 6	25.9667	0.95	1	1	3.855867
Type 3_serv	BOBJ1	67	149.8067	After	Right Exterior Girder	25.9667	0.95	1	1	4.914183
Type 3_serv	BOBJ1	68	155.84	Before	Left Exterior Girder	32	0.95	1	1	4.153739
Type 3_serv	BOBJ1	68	155.84	Before	Interior Girder 1	32	0.95	1	1	3.699864
Type 3_serv	BOBJ1	68	155.84	Before	Interior Girder 2	32	0.95	1	1	3.517595
Type 3_serv	BOBJ1	68	155.84	Before	Interior Girder 3	32	0.95	1	1	3.466206
Type 3_serv	BOBJ1	68	155.84	Before	Interior Girder 4	32	0.95	1	1	3.466206
Type 3_serv	BOBJ1	68	155.84	Before	Interior Girder 5	32	0.95	1	1	3.517595
Type 3_serv	BOBJ1	68	155.84	Before	Interior Girder 6	32	0.95	1	1	3.699864
Type 3_serv	BOBJ1	68	155.84	Before	Right Exterior Girder	32	0.95	1	1	4.153739
Type 3_serv	BOBJ1	69	155.84	After	Left Exterior Girder	32	0.95	1	1	4.174725
Type 3_serv	BOBJ1	69	155.84	After	Interior Girder 1	32	0.95	1	1	3.685827
Type 3_serv	BOBJ1	69	155.84	After	Interior Girder 2	32	0.95	1	1	3.510922
Type 3_serv	BOBJ1	69	155.84	After	Interior Girder 3	32	0.95	1	1	3.458177
Type 3_serv	BOBJ1	69	155.84	After	Interior Girder 4	32	0.95	1	1	3.458177
Type 3_serv	BOBJ1	69	155.84	After	Interior Girder 5	32	0.95	1	1	3.510922
Type 3_serv	BOBJ1	69	155.84	After	Interior Girder 6	32	0.95	1	1	3.685827
Type 3_serv	BOBJ1	69	155.84	After	Right Exterior Girder	32	0.95	1	1	4.174725
Type 3_serv	BOBJ1	70	161.8733	Before	Left Exterior Girder	38.0333	0.95	1	1	4.478562
Type 3_serv	BOBJ1	70	161.8733	Before	Interior Girder 1	38.0333	0.95	1	1	3.60769
Type 3_serv	BOBJ1	70	161.8733	Before	Interior Girder 2	38.0333	0.95	1	1	3.443984
Type 3_serv	BOBJ1	70	161.8733	Before	Interior Girder 3	38.0333	0.95	1	1	3.364361
Type 3_serv	BOBJ1	70	161.8733	Before	Interior Girder 4	38.0333	0.95	1	1	3.364361
Type 3_serv	BOBJ1	70	161.8733	Before	Interior Girder 5	38.0333	0.95	1	1	3.443984
Type 3_serv	BOBJ1	70	161.8733	Before	Interior Girder 6	38.0333	0.95	1	1	3.60769
Type 3_serv	BOBJ1	70	161.8733	Before	Right Exterior Girder	38.0333	0.95	1	1	4.478562
Type 3_serv	BOBJ1	71	161.8733	After	Left Exterior Girder	38.0333	0.95	1	1	4.49196
Type 3_serv	BOBJ1	71	161.8733	After	Interior Girder 1	38.0333	0.95	1	1	3.594163
Type 3_serv	BOBJ1	71	161.8733	After	Interior Girder 2	38.0333	0.95	1	1	3.425963
Type 3_serv	BOBJ1	71	161.8733	After	Interior Girder 3	38.0333	0.95	1	1	3.345155
Type 3_serv	BOBJ1	71	161.8733	After	Interior Girder 4	38.0333	0.95	1	1	3.345155
Type 3_serv	BOBJ1	71	161.8733	After	Interior Girder 5	38.0333	0.95	1	1	3.425963
Type 3_serv	BOBJ1	71	161.8733	After	Interior Girder 6	38.0333	0.95	1	1	3.594163
Type 3_serv	BOBJ1	71	161.8733	After	Right Exterior Girder	38.0333	0.95	1	1	4.49196
Type 3_serv	BOBJ1	72	167.9067	Before	Left Exterior Girder	44.0667	0.95	1	1	5.495391
Type 3_serv	BOBJ1	72	167.9067	Before	Interior Girder 1	44.0667	0.95	1	1	4.166348
Type 3_serv	BOBJ1	72	167.9067	Before	Interior Girder 2	44.0667	0.95	1	1	3.936649
Type 3_serv	BOBJ1	72	167.9067	Before	Interior Girder 3	44.0667	0.95	1	1	3.850922
Type 3_serv	BOBJ1	72	167.9067	Before	Interior Girder 4	44.0667	0.95	1	1	3.850922
Type 3_serv	BOBJ1	72	167.9067	Before	Interior Girder 5	44.0667	0.95	1	1	3.936649
Type 3_serv	BOBJ1	72	167.9067	Before	Interior Girder 6	44.0667	0.95	1	1	4.166348
Type 3_serv	BOBJ1	72	167.9067	Before	Right Exterior Girder	44.0667	0.95	1	1	5.495391

TABLE: Bridge Super Rating AASHTORATE18 31 - SteelICompServ-Flx - Approach, Span 12-15										
Request	BridgeObj	BridgeCut	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	Unitless	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Type 3_serv	BOBJ1	73	167.9067	After	Left Exterior Girder	44.0667	0.95	1	1	5.406802
Type 3_serv	BOBJ1	73	167.9067	After	Interior Girder 1	44.0667	0.95	1	1	4.206968
Type 3_serv	BOBJ1	73	167.9067	After	Interior Girder 2	44.0667	0.95	1	1	3.95152
Type 3_serv	BOBJ1	73	167.9067	After	Interior Girder 3	44.0667	0.95	1	1	3.830084
Type 3_serv	BOBJ1	73	167.9067	After	Interior Girder 4	44.0667	0.95	1	1	3.830084
Type 3_serv	BOBJ1	73	167.9067	After	Interior Girder 5	44.0667	0.95	1	1	3.95152
Type 3_serv	BOBJ1	73	167.9067	After	Interior Girder 6	44.0667	0.95	1	1	4.206968
Type 3_serv	BOBJ1	73	167.9067	After	Right Exterior Girder	44.0667	0.95	1	1	5.406802
Type 3_serv	BOBJ1	74	173.94	Before	Left Exterior Girder	50.1	0.95	1	1	7.721188
Type 3_serv	BOBJ1	74	173.94	Before	Interior Girder 1	50.1	0.95	1	1	5.977915
Type 3_serv	BOBJ1	74	173.94	Before	Interior Girder 2	50.1	0.95	1	1	5.464708
Type 3_serv	BOBJ1	74	173.94	Before	Interior Girder 3	50.1	0.95	1	1	5.327821
Type 3_serv	BOBJ1	74	173.94	Before	Interior Girder 4	50.1	0.95	1	1	5.327821
Type 3_serv	BOBJ1	74	173.94	Before	Interior Girder 5	50.1	0.95	1	1	5.464708
Type 3_serv	BOBJ1	74	173.94	Before	Interior Girder 6	50.1	0.95	1	1	5.977915
Type 3_serv	BOBJ1	74	173.94	Before	Right Exterior Girder	50.1	0.95	1	1	7.721188
Type 3_serv	BOBJ1	75	173.94	After	Left Exterior Girder	50.1	0.95	1	1	7.659382
Type 3_serv	BOBJ1	75	173.94	After	Interior Girder 1	50.1	0.95	1	1	5.996773
Type 3_serv	BOBJ1	75	173.94	After	Interior Girder 2	50.1	0.95	1	1	5.442303
Type 3_serv	BOBJ1	75	173.94	After	Interior Girder 3	50.1	0.95	1	1	5.262871
Type 3_serv	BOBJ1	75	173.94	After	Interior Girder 4	50.1	0.95	1	1	5.262871
Type 3_serv	BOBJ1	75	173.94	After	Interior Girder 5	50.1	0.95	1	1	5.442303
Type 3_serv	BOBJ1	75	173.94	After	Interior Girder 6	50.1	0.95	1	1	5.996773
Type 3_serv	BOBJ1	75	173.94	After	Right Exterior Girder	50.1	0.95	1	1	7.659382
Type 3_serv	BOBJ1	76	179.98	Before	Left Exterior Girder	56.14	0.95	1	1	7.826681
Type 3_serv	BOBJ1	76	179.98	Before	Interior Girder 1	56.14	0.95	1	1	7.857657
Type 3_serv	BOBJ1	76	179.98	Before	Interior Girder 2	56.14	0.95	1	1	7.408465
Type 3_serv	BOBJ1	76	179.98	Before	Interior Girder 3	56.14	0.95	1	1	7.375549
Type 3_serv	BOBJ1	76	179.98	Before	Interior Girder 4	56.14	0.95	1	1	7.375549
Type 3_serv	BOBJ1	76	179.98	Before	Interior Girder 5	56.14	0.95	1	1	7.408465
Type 3_serv	BOBJ1	76	179.98	Before	Interior Girder 6	56.14	0.95	1	1	7.857657
Type 3_serv	BOBJ1	76	179.98	Before	Right Exterior Girder	56.14	0.95	1	1	7.826681
Type 3_serv	BOBJ1	77	179.98	After	Left Exterior Girder	56.14	0.95	1	1	7.886163
Type 3_serv	BOBJ1	77	179.98	After	Interior Girder 1	56.14	0.95	1	1	7.805576
Type 3_serv	BOBJ1	77	179.98	After	Interior Girder 2	56.14	0.95	1	1	7.291184
Type 3_serv	BOBJ1	77	179.98	After	Interior Girder 3	56.14	0.95	1	1	7.278921
Type 3_serv	BOBJ1	77	179.98	After	Interior Girder 4	56.14	0.95	1	1	7.278921
Type 3_serv	BOBJ1	77	179.98	After	Interior Girder 5	56.14	0.95	1	1	7.291184
Type 3_serv	BOBJ1	77	179.98	After	Interior Girder 6	56.14	0.95	1	1	7.805576
Type 3_serv	BOBJ1	77	179.98	After	Right Exterior Girder	56.14	0.95	1	1	7.886163
Type 3_serv	BOBJ1	78	183.56	Before	Left Exterior Girder	59.72	0.95	1	1	6.342147
Type 3_serv	BOBJ1	78	183.56	Before	Right Exterior Girder	59.72	0.95	1	1	6.342147
Type 3_serv	BOBJ1	79	183.56	After	Left Exterior Girder	59.72	0.95	1	1	14.394891
Type 3_serv	BOBJ1	79	183.56	After	Right Exterior Girder	59.72	0.95	1	1	14.394891
Type 3_serv	BOBJ1	80	186.02	Before	Left Exterior Girder	62.18	0.95	1	1	13.019314
Type 3_serv	BOBJ1	80	186.02	Before	Interior Girder 1	62.22	0.95	1	1	5.688657
Type 3_serv	BOBJ1	80	186.02	Before	Interior Girder 2	62.22	0.95	1	1	5.345673
Type 3_serv	BOBJ1	80	186.02	Before	Interior Girder 3	62.22	0.95	1	1	4.968824
Type 3_serv	BOBJ1	80	186.02	Before	Interior Girder 4	62.22	0.95	1	1	4.968824
Type 3_serv	BOBJ1	80	186.02	Before	Interior Girder 5	62.22	0.95	1	1	5.345673
Type 3_serv	BOBJ1	80	186.02	Before	Interior Girder 6	62.22	0.95	1	1	5.688657
Type 3_serv	BOBJ1	80	186.02	Before	Right Exterior Girder	62.18	0.95	1	1	13.019314
Type 3_serv	BOBJ1	81	186.02	After	Left Exterior Girder	62.18	0.95	1	1	13.068523
Type 3_serv	BOBJ1	81	186.02	After	Interior Girder 1	62.22	0.95	1	1	8.929004
Type 3_serv	BOBJ1	81	186.02	After	Interior Girder 2	62.22	0.95	1	1	8.158092
Type 3_serv	BOBJ1	81	186.02	After	Interior Girder 3	62.22	0.95	1	1	7.658679
Type 3_serv	BOBJ1	81	186.02	After	Interior Girder 4	62.22	0.95	1	1	7.658679
Type 3_serv	BOBJ1	81	186.02	After	Interior Girder 5	62.22	0.95	1	1	8.158092
Type 3_serv	BOBJ1	81	186.02	After	Interior Girder 6	62.22	0.95	1	1	8.929004
Type 3_serv	BOBJ1	81	186.02	After	Right Exterior Girder	62.18	0.95	1	1	13.068523
Type 3_serv	BOBJ1	82	192.06	Before	Left Exterior Girder	68.22	0.95	1	1	6.893984
Type 3_serv	BOBJ1	82	192.06	Before	Interior Girder 1	68.22	0.95	1	1	4.450255
Type 3_serv	BOBJ1	82	192.06	Before	Interior Girder 2	68.22	0.95	1	1	4.175679
Type 3_serv	BOBJ1	82	192.06	Before	Interior Girder 3	68.22	0.95	1	1	3.608563
Type 3_serv	BOBJ1	82	192.06	Before	Interior Girder 4	68.22	0.95	1	1	3.608563
Type 3_serv	BOBJ1	82	192.06	Before	Interior Girder 5	68.22	0.95	1	1	4.175679
Type 3_serv	BOBJ1	82	192.06	Before	Interior Girder 6	68.22	0.95	1	1	4.450255
Type 3_serv	BOBJ1	82	192.06	Before	Right Exterior Girder	68.22	0.95	1	1	6.893984
Type 3_serv	BOBJ1	83	192.06	After	Left Exterior Girder	0	0.95	1	1	6.64043
Type 3_serv	BOBJ1	83	192.06	After	Interior Girder 1	0	0.95	1	1	5.095697
Type 3_serv	BOBJ1	83	192.06	After	Interior Girder 2	0	0.95	1	1	4.585148
Type 3_serv	BOBJ1	83	192.06	After	Interior Girder 3	0	0.95	1	1	3.991801
Type 3_serv	BOBJ1	83	192.06	After	Interior Girder 4	0	0.95	1	1	3.991801

TABLE: Bridge Super Rating AASHTORATE18 31 - SteelICompServ-Flx - Approach, Span 12-15										
Request	BridgeObj	BridgeCut	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	Unitless	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Type 3_serv	BOBJ1	83	192.06	After	Interior Girder 5	0	0.95	1	1	4.585148
Type 3_serv	BOBJ1	83	192.06	After	Interior Girder 6	0	0.95	1	1	5.095697
Type 3_serv	BOBJ1	83	192.06	After	Right Exterior Girder	0	0.95	1	1	6.64043
Type 3_serv	BOBJ1	84	197.087	Before	Interior Girder 1	5.027	0.95	1	1	6.358698
Type 3_serv	BOBJ1	84	197.087	Before	Interior Girder 2	5.027	0.95	1	1	5.933065
Type 3_serv	BOBJ1	84	197.087	Before	Interior Girder 3	5.027	0.95	1	1	5.831159
Type 3_serv	BOBJ1	84	197.087	Before	Interior Girder 4	5.027	0.95	1	1	5.831159
Type 3_serv	BOBJ1	84	197.087	Before	Interior Girder 5	5.027	0.95	1	1	5.933065
Type 3_serv	BOBJ1	84	197.087	Before	Interior Girder 6	5.027	0.95	1	1	6.358698
Type 3_serv	BOBJ1	85	197.087	After	Interior Girder 1	5.027	0.95	1	1	4.043736
Type 3_serv	BOBJ1	85	197.087	After	Interior Girder 2	5.027	0.95	1	1	3.783986
Type 3_serv	BOBJ1	85	197.087	After	Interior Girder 3	5.027	0.95	1	1	3.698748
Type 3_serv	BOBJ1	85	197.087	After	Interior Girder 4	5.027	0.95	1	1	3.698748
Type 3_serv	BOBJ1	85	197.087	After	Interior Girder 5	5.027	0.95	1	1	3.783986
Type 3_serv	BOBJ1	85	197.087	After	Interior Girder 6	5.027	0.95	1	1	4.043736
Type 3_serv	BOBJ1	86	197.91	Before	Left Exterior Girder	5.85	0.95	1	1	8.819868
Type 3_serv	BOBJ1	86	197.91	Before	Interior Girder 1	5.85	0.95	1	1	4.245182
Type 3_serv	BOBJ1	86	197.91	Before	Interior Girder 2	5.85	0.95	1	1	3.947076
Type 3_serv	BOBJ1	86	197.91	Before	Interior Girder 3	5.85	0.95	1	1	3.921602
Type 3_serv	BOBJ1	86	197.91	Before	Interior Girder 4	5.85	0.95	1	1	3.921602
Type 3_serv	BOBJ1	86	197.91	Before	Interior Girder 5	5.85	0.95	1	1	3.947076
Type 3_serv	BOBJ1	86	197.91	Before	Interior Girder 6	5.85	0.95	1	1	4.245182
Type 3_serv	BOBJ1	86	197.91	Before	Right Exterior Girder	5.85	0.95	1	1	8.819868
Type 3_serv	BOBJ1	87	197.91	After	Left Exterior Girder	5.85	0.95	1	1	8.87245
Type 3_serv	BOBJ1	87	197.91	After	Interior Girder 1	5.85	0.95	1	1	4.24623
Type 3_serv	BOBJ1	87	197.91	After	Interior Girder 2	5.85	0.95	1	1	3.976141
Type 3_serv	BOBJ1	87	197.91	After	Interior Girder 3	5.85	0.95	1	1	3.924637
Type 3_serv	BOBJ1	87	197.91	After	Interior Girder 4	5.85	0.95	1	1	3.924637
Type 3_serv	BOBJ1	87	197.91	After	Interior Girder 5	5.85	0.95	1	1	3.976141
Type 3_serv	BOBJ1	87	197.91	After	Interior Girder 6	5.85	0.95	1	1	4.24623
Type 3_serv	BOBJ1	87	197.91	After	Right Exterior Girder	5.85	0.95	1	1	8.87245
Type 3_serv	BOBJ1	88	199.1816	Before	Left Exterior Girder	7.1216	0.95	1	1	9.368304
Type 3_serv	BOBJ1	88	199.1816	Before	Right Exterior Girder	7.1216	0.95	1	1	9.368304
Type 3_serv	BOBJ1	89	199.1816	After	Left Exterior Girder	7.1216	0.95	1	1	4.037564
Type 3_serv	BOBJ1	89	199.1816	After	Right Exterior Girder	7.1216	0.95	1	1	4.037564
Type 3_serv	BOBJ1	90	203.5267	Before	Left Exterior Girder	11.3107	0.95	1	1	5.325698
Type 3_serv	BOBJ1	90	203.5267	Before	Interior Girder 1	11.3107	0.95	1	1	5.626842
Type 3_serv	BOBJ1	90	203.5267	Before	Interior Girder 2	11.3107	0.95	1	1	5.29869
Type 3_serv	BOBJ1	90	203.5267	Before	Interior Girder 3	11.3107	0.95	1	1	5.456545
Type 3_serv	BOBJ1	90	203.5267	Before	Interior Girder 4	11.3107	0.95	1	1	5.456545
Type 3_serv	BOBJ1	90	203.5267	Before	Interior Girder 5	11.3107	0.95	1	1	5.29869
Type 3_serv	BOBJ1	90	203.5267	Before	Interior Girder 6	11.3107	0.95	1	1	5.626842
Type 3_serv	BOBJ1	90	203.5267	Before	Right Exterior Girder	11.3107	0.95	1	1	5.325698
Type 3_serv	BOBJ1	91	203.5267	After	Left Exterior Girder	11.3107	0.95	1	1	8.491055
Type 3_serv	BOBJ1	91	203.5267	After	Interior Girder 1	11.3107	0.95	1	1	8.837331
Type 3_serv	BOBJ1	91	203.5267	After	Interior Girder 2	11.3107	0.95	1	1	8.425611
Type 3_serv	BOBJ1	91	203.5267	After	Interior Girder 3	11.3107	0.95	1	1	8.620212
Type 3_serv	BOBJ1	91	203.5267	After	Interior Girder 4	11.3107	0.95	1	1	8.620212
Type 3_serv	BOBJ1	91	203.5267	After	Interior Girder 5	11.3107	0.95	1	1	8.425611
Type 3_serv	BOBJ1	91	203.5267	After	Interior Girder 6	11.3107	0.95	1	1	8.837331
Type 3_serv	BOBJ1	91	203.5267	After	Right Exterior Girder	11.3107	0.95	1	1	8.491055
Type 3_serv	BOBJ1	92	209.1433	Before	Left Exterior Girder	17.0833	0.95	1	1	9.014077
Type 3_serv	BOBJ1	92	209.1433	Before	Interior Girder 1	17.0833	0.95	1	1	7.089362
Type 3_serv	BOBJ1	92	209.1433	Before	Interior Girder 2	17.0833	0.95	1	1	6.58147
Type 3_serv	BOBJ1	92	209.1433	Before	Interior Girder 3	17.0833	0.95	1	1	6.407097
Type 3_serv	BOBJ1	92	209.1433	Before	Interior Girder 4	17.0833	0.95	1	1	6.407097
Type 3_serv	BOBJ1	92	209.1433	Before	Interior Girder 5	17.0833	0.95	1	1	6.58147
Type 3_serv	BOBJ1	92	209.1433	Before	Interior Girder 6	17.0833	0.95	1	1	7.089362
Type 3_serv	BOBJ1	92	209.1433	Before	Right Exterior Girder	17.0833	0.95	1	1	9.014077
Type 3_serv	BOBJ1	93	209.1433	After	Left Exterior Girder	17.0833	0.95	1	1	8.878545
Type 3_serv	BOBJ1	93	209.1433	After	Interior Girder 1	17.0833	0.95	1	1	7.116518
Type 3_serv	BOBJ1	93	209.1433	After	Interior Girder 2	17.0833	0.95	1	1	6.650386
Type 3_serv	BOBJ1	93	209.1433	After	Interior Girder 3	17.0833	0.95	1	1	6.50285
Type 3_serv	BOBJ1	93	209.1433	After	Interior Girder 4	17.0833	0.95	1	1	6.50285
Type 3_serv	BOBJ1	93	209.1433	After	Interior Girder 5	17.0833	0.95	1	1	6.650386
Type 3_serv	BOBJ1	93	209.1433	After	Interior Girder 6	17.0833	0.95	1	1	7.116518
Type 3_serv	BOBJ1	93	209.1433	After	Right Exterior Girder	17.0833	0.95	1	1	8.878545
Type 3_serv	BOBJ1	94	214.76	Before	Left Exterior Girder	22.7	0.95	1	1	6.725958
Type 3_serv	BOBJ1	94	214.76	Before	Interior Girder 1	22.7	0.95	1	1	5.699712
Type 3_serv	BOBJ1	94	214.76	Before	Interior Girder 2	22.7	0.95	1	1	5.31401
Type 3_serv	BOBJ1	94	214.76	Before	Interior Girder 3	22.7	0.95	1	1	5.197646
Type 3_serv	BOBJ1	94	214.76	Before	Interior Girder 4	22.7	0.95	1	1	5.197646
Type 3_serv	BOBJ1	94	214.76	Before	Interior Girder 5	22.7	0.95	1	1	5.31401

TABLE: Bridge Super Rating AASHTORATE18 31 - SteelICompServ-Flx - Approach, Span 12-15										
Request	BridgeObj	BridgeCut	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	Unitless	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Type 3_serv	BOBJ1	94	214.76	Before	Interior Girder 6	22.7	0.95	1	1	5.699712
Type 3_serv	BOBJ1	94	214.76	Before	Right Exterior Girder	22.7	0.95	1	1	6.725958
Type 3_serv	BOBJ1	95	214.76	After	Left Exterior Girder	22.7	0.95	1	1	6.734807
Type 3_serv	BOBJ1	95	214.76	After	Interior Girder 1	22.7	0.95	1	1	5.6738
Type 3_serv	BOBJ1	95	214.76	After	Interior Girder 2	22.7	0.95	1	1	5.325315
Type 3_serv	BOBJ1	95	214.76	After	Interior Girder 3	22.7	0.95	1	1	5.222161
Type 3_serv	BOBJ1	95	214.76	After	Interior Girder 4	22.7	0.95	1	1	5.222161
Type 3_serv	BOBJ1	95	214.76	After	Interior Girder 5	22.7	0.95	1	1	5.325315
Type 3_serv	BOBJ1	95	214.76	After	Interior Girder 6	22.7	0.95	1	1	5.6738
Type 3_serv	BOBJ1	95	214.76	After	Right Exterior Girder	22.7	0.95	1	1	6.734807
Type 3_serv	BOBJ1	96	220.3767	Before	Left Exterior Girder	28.3167	0.95	1	1	6.200598
Type 3_serv	BOBJ1	96	220.3767	Before	Interior Girder 1	28.3167	0.95	1	1	4.842702
Type 3_serv	BOBJ1	96	220.3767	Before	Interior Girder 2	28.3167	0.95	1	1	4.582083
Type 3_serv	BOBJ1	96	220.3767	Before	Interior Girder 3	28.3167	0.95	1	1	4.445659
Type 3_serv	BOBJ1	96	220.3767	Before	Interior Girder 4	28.3167	0.95	1	1	4.445659
Type 3_serv	BOBJ1	96	220.3767	Before	Interior Girder 5	28.3167	0.95	1	1	4.582083
Type 3_serv	BOBJ1	96	220.3767	Before	Interior Girder 6	28.3167	0.95	1	1	4.842702
Type 3_serv	BOBJ1	96	220.3767	Before	Right Exterior Girder	28.3167	0.95	1	1	6.200598
Type 3_serv	BOBJ1	97	220.3767	After	Left Exterior Girder	28.3167	0.95	1	1	6.245223
Type 3_serv	BOBJ1	97	220.3767	After	Interior Girder 1	28.3167	0.95	1	1	4.823826
Type 3_serv	BOBJ1	97	220.3767	After	Interior Girder 2	28.3167	0.95	1	1	4.57323
Type 3_serv	BOBJ1	97	220.3767	After	Interior Girder 3	28.3167	0.95	1	1	4.451041
Type 3_serv	BOBJ1	97	220.3767	After	Interior Girder 4	28.3167	0.95	1	1	4.451041
Type 3_serv	BOBJ1	97	220.3767	After	Interior Girder 5	28.3167	0.95	1	1	4.57323
Type 3_serv	BOBJ1	97	220.3767	After	Interior Girder 6	28.3167	0.95	1	1	4.823826
Type 3_serv	BOBJ1	97	220.3767	After	Right Exterior Girder	28.3167	0.95	1	1	6.245223
Type 3_serv	BOBJ1	98	225.9933	Before	Left Exterior Girder	33.9333	0.95	1	1	5.991784
Type 3_serv	BOBJ1	98	225.9933	Before	Interior Girder 1	33.9333	0.95	1	1	4.641436
Type 3_serv	BOBJ1	98	225.9933	Before	Interior Girder 2	33.9333	0.95	1	1	4.407356
Type 3_serv	BOBJ1	98	225.9933	Before	Interior Girder 3	33.9333	0.95	1	1	4.2889
Type 3_serv	BOBJ1	98	225.9933	Before	Interior Girder 4	33.9333	0.95	1	1	4.2889
Type 3_serv	BOBJ1	98	225.9933	Before	Interior Girder 5	33.9333	0.95	1	1	4.407356
Type 3_serv	BOBJ1	98	225.9933	Before	Interior Girder 6	33.9333	0.95	1	1	4.641436
Type 3_serv	BOBJ1	98	225.9933	Before	Right Exterior Girder	33.9333	0.95	1	1	5.991784
Type 3_serv	BOBJ1	99	225.9933	After	Left Exterior Girder	33.9333	0.95	1	1	5.955321
Type 3_serv	BOBJ1	99	225.9933	After	Interior Girder 1	33.9333	0.95	1	1	4.664655
Type 3_serv	BOBJ1	99	225.9933	After	Interior Girder 2	33.9333	0.95	1	1	4.412856
Type 3_serv	BOBJ1	99	225.9933	After	Interior Girder 3	33.9333	0.95	1	1	4.281971
Type 3_serv	BOBJ1	99	225.9933	After	Interior Girder 4	33.9333	0.95	1	1	4.281971
Type 3_serv	BOBJ1	99	225.9933	After	Interior Girder 5	33.9333	0.95	1	1	4.412856
Type 3_serv	BOBJ1	99	225.9933	After	Interior Girder 6	33.9333	0.95	1	1	4.664655
Type 3_serv	BOBJ1	99	225.9933	After	Right Exterior Girder	33.9333	0.95	1	1	5.955321
Type 3_serv	BOBJ1	100	231.61	Before	Left Exterior Girder	39.55	0.95	1	1	6.361009
Type 3_serv	BOBJ1	100	231.61	Before	Interior Girder 1	39.55	0.95	1	1	5.167582
Type 3_serv	BOBJ1	100	231.61	Before	Interior Girder 2	39.55	0.95	1	1	4.85961
Type 3_serv	BOBJ1	100	231.61	Before	Interior Girder 3	39.55	0.95	1	1	4.704808
Type 3_serv	BOBJ1	100	231.61	Before	Interior Girder 4	39.55	0.95	1	1	4.704808
Type 3_serv	BOBJ1	100	231.61	Before	Interior Girder 5	39.55	0.95	1	1	4.85961
Type 3_serv	BOBJ1	100	231.61	Before	Interior Girder 6	39.55	0.95	1	1	5.167582
Type 3_serv	BOBJ1	100	231.61	Before	Right Exterior Girder	39.55	0.95	1	1	6.361009
Type 3_serv	BOBJ1	101	231.61	After	Left Exterior Girder	39.55	0.95	1	1	6.347442
Type 3_serv	BOBJ1	101	231.61	After	Interior Girder 1	39.55	0.95	1	1	5.179515
Type 3_serv	BOBJ1	101	231.61	After	Interior Girder 2	39.55	0.95	1	1	4.830397
Type 3_serv	BOBJ1	101	231.61	After	Interior Girder 3	39.55	0.95	1	1	4.657634
Type 3_serv	BOBJ1	101	231.61	After	Interior Girder 4	39.55	0.95	1	1	4.657634
Type 3_serv	BOBJ1	101	231.61	After	Interior Girder 5	39.55	0.95	1	1	4.830397
Type 3_serv	BOBJ1	101	231.61	After	Interior Girder 6	39.55	0.95	1	1	5.179515
Type 3_serv	BOBJ1	101	231.61	After	Right Exterior Girder	39.55	0.95	1	1	6.347442
Type 3_serv	BOBJ1	102	237.37	Before	Left Exterior Girder	45.31	0.95	1	1	8.413106
Type 3_serv	BOBJ1	102	237.37	Before	Interior Girder 1	45.31	0.95	1	1	6.15016
Type 3_serv	BOBJ1	102	237.37	Before	Interior Girder 2	45.31	0.95	1	1	5.818241
Type 3_serv	BOBJ1	102	237.37	Before	Interior Girder 3	45.31	0.95	1	1	5.515523
Type 3_serv	BOBJ1	102	237.37	Before	Interior Girder 4	45.31	0.95	1	1	5.515523
Type 3_serv	BOBJ1	102	237.37	Before	Interior Girder 5	45.31	0.95	1	1	5.818241
Type 3_serv	BOBJ1	102	237.37	Before	Interior Girder 6	45.31	0.95	1	1	6.15016
Type 3_serv	BOBJ1	102	237.37	Before	Right Exterior Girder	45.31	0.95	1	1	8.413106
Type 3_serv	BOBJ1	103	237.37	After	Left Exterior Girder	45.31	0.95	1	1	8.475254
Type 3_serv	BOBJ1	103	237.37	After	Interior Girder 1	45.31	0.95	1	1	6.116461
Type 3_serv	BOBJ1	103	237.37	After	Interior Girder 2	45.31	0.95	1	1	5.705541
Type 3_serv	BOBJ1	103	237.37	After	Interior Girder 3	45.31	0.95	1	1	5.322838
Type 3_serv	BOBJ1	103	237.37	After	Interior Girder 4	45.31	0.95	1	1	5.322838
Type 3_serv	BOBJ1	103	237.37	After	Interior Girder 5	45.31	0.95	1	1	5.705541
Type 3_serv	BOBJ1	103	237.37	After	Interior Girder 6	45.31	0.95	1	1	6.116461

TABLE: Bridge Super Rating AASHTORATE18 31 - SteelCompServ-Flx - Approach, Span 12-15										
Request	BridgeObj	BridgeCut	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	Unitless	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Type 3_serv	BOBJ1	103	237.37	After	Right Exterior Girder	45.31	0.95	1	1	8.475254
Type 3_serv	BOBJ1	104	243.13	Before	Left Exterior Girder	51.07	0.95	1	1	15.221503
Type 3_serv	BOBJ1	104	243.13	Before	Interior Girder 1	51.07	0.95	1	1	10.040595
Type 3_serv	BOBJ1	104	243.13	Before	Interior Girder 2	51.07	0.95	1	1	9.480427
Type 3_serv	BOBJ1	104	243.13	Before	Interior Girder 3	51.07	0.95	1	1	8.360733
Type 3_serv	BOBJ1	104	243.13	Before	Interior Girder 4	51.07	0.95	1	1	8.360733
Type 3_serv	BOBJ1	104	243.13	Before	Interior Girder 5	51.07	0.95	1	1	9.480427
Type 3_serv	BOBJ1	104	243.13	Before	Interior Girder 6	51.07	0.95	1	1	10.040595
Type 3_serv	BOBJ1	104	243.13	Before	Right Exterior Girder	51.07	0.95	1	1	15.221503
Type 3_serv	BOBJ1	105	243.13	After	Left Exterior Girder	51.07	0.95	1	1	15.200863
Type 3_serv	BOBJ1	105	243.13	After	Interior Girder 1	51.07	0.95	1	1	9.924322
Type 3_serv	BOBJ1	105	243.13	After	Interior Girder 2	51.07	0.95	1	1	9.263803
Type 3_serv	BOBJ1	105	243.13	After	Interior Girder 3	51.07	0.95	1	1	7.964895
Type 3_serv	BOBJ1	105	243.13	After	Interior Girder 4	51.07	0.95	1	1	7.964895
Type 3_serv	BOBJ1	105	243.13	After	Interior Girder 5	51.07	0.95	1	1	9.263803
Type 3_serv	BOBJ1	105	243.13	After	Interior Girder 6	51.07	0.95	1	1	9.924322
Type 3_serv	BOBJ1	105	243.13	After	Right Exterior Girder	51.07	0.95	1	1	15.200863
Type 3_serv	BOBJ1	106	248.89	Before	Left Exterior Girder	56.83	0.95	1	1	669.099766
Type 3_serv	BOBJ1	106	248.89	Before	Interior Girder 1	56.83	0.95	1	1	525.915785
Type 3_serv	BOBJ1	106	248.89	Before	Interior Girder 2	56.83	0.95	1	1	328.685668
Type 3_serv	BOBJ1	106	248.89	Before	Interior Girder 3	56.83	0.95	1	1	256.712819
Type 3_serv	BOBJ1	106	248.89	Before	Interior Girder 4	56.83	0.95	1	1	256.71282
Type 3_serv	BOBJ1	106	248.89	Before	Interior Girder 5	56.83	0.95	1	1	328.685668
Type 3_serv	BOBJ1	106	248.89	Before	Interior Girder 6	56.83	0.95	1	1	525.915784
Type 3_serv	BOBJ1	106	248.89	Before	Right Exterior Girder	56.83	0.95	1	1	669.099766
Type 3S2_serv	BOBJ1	1	0	After	Left Exterior Girder	0	0.95	1	1	479.527353
Type 3S2_serv	BOBJ1	1	0	After	Interior Girder 1	0	0.95	1	1	343.388894
Type 3S2_serv	BOBJ1	1	0	After	Interior Girder 2	0	0.95	1	1	246.741483
Type 3S2_serv	BOBJ1	1	0	After	Interior Girder 3	0	0.95	1	1	200.236518
Type 3S2_serv	BOBJ1	1	0	After	Interior Girder 4	0	0.95	1	1	200.236519
Type 3S2_serv	BOBJ1	1	0	After	Interior Girder 5	0	0.95	1	1	246.741483
Type 3S2_serv	BOBJ1	1	0	After	Interior Girder 6	0	0.95	1	1	343.388894
Type 3S2_serv	BOBJ1	1	0	After	Right Exterior Girder	0	0.95	1	1	479.527353
Type 3S2_serv	BOBJ1	2	5.85	Before	Left Exterior Girder	5.85	0.95	1	1	11.802514
Type 3S2_serv	BOBJ1	2	5.85	Before	Interior Girder 1	5.85	0.95	1	1	9.014907
Type 3S2_serv	BOBJ1	2	5.85	Before	Interior Girder 2	5.85	0.95	1	1	8.309286
Type 3S2_serv	BOBJ1	2	5.85	Before	Interior Girder 3	5.85	0.95	1	1	7.436064
Type 3S2_serv	BOBJ1	2	5.85	Before	Interior Girder 4	5.85	0.95	1	1	7.436064
Type 3S2_serv	BOBJ1	2	5.85	Before	Interior Girder 5	5.85	0.95	1	1	8.309286
Type 3S2_serv	BOBJ1	2	5.85	Before	Interior Girder 6	5.85	0.95	1	1	9.014907
Type 3S2_serv	BOBJ1	2	5.85	Before	Right Exterior Girder	5.85	0.95	1	1	11.802514
Type 3S2_serv	BOBJ1	3	5.85	After	Left Exterior Girder	5.85	0.95	1	1	11.954653
Type 3S2_serv	BOBJ1	3	5.85	After	Interior Girder 1	5.85	0.95	1	1	8.977181
Type 3S2_serv	BOBJ1	3	5.85	After	Interior Girder 2	5.85	0.95	1	1	8.447005
Type 3S2_serv	BOBJ1	3	5.85	After	Interior Girder 3	5.85	0.95	1	1	7.742542
Type 3S2_serv	BOBJ1	3	5.85	After	Interior Girder 4	5.85	0.95	1	1	7.742542
Type 3S2_serv	BOBJ1	3	5.85	After	Interior Girder 5	5.85	0.95	1	1	8.447005
Type 3S2_serv	BOBJ1	3	5.85	After	Interior Girder 6	5.85	0.95	1	1	8.977181
Type 3S2_serv	BOBJ1	3	5.85	After	Right Exterior Girder	5.85	0.95	1	1	11.954653
Type 3S2_serv	BOBJ1	4	11.4667	Before	Left Exterior Girder	11.4667	0.95	1	1	7.025419
Type 3S2_serv	BOBJ1	4	11.4667	Before	Interior Girder 1	11.4667	0.95	1	1	5.334371
Type 3S2_serv	BOBJ1	4	11.4667	Before	Interior Girder 2	11.4667	0.95	1	1	5.005193
Type 3S2_serv	BOBJ1	4	11.4667	Before	Interior Girder 3	11.4667	0.95	1	1	4.682727
Type 3S2_serv	BOBJ1	4	11.4667	Before	Interior Girder 4	11.4667	0.95	1	1	4.682727
Type 3S2_serv	BOBJ1	4	11.4667	Before	Interior Girder 5	11.4667	0.95	1	1	5.005193
Type 3S2_serv	BOBJ1	4	11.4667	Before	Interior Girder 6	11.4667	0.95	1	1	5.334371
Type 3S2_serv	BOBJ1	4	11.4667	Before	Right Exterior Girder	11.4667	0.95	1	1	7.025419
Type 3S2_serv	BOBJ1	5	11.4667	After	Left Exterior Girder	11.4667	0.95	1	1	7.113988
Type 3S2_serv	BOBJ1	5	11.4667	After	Interior Girder 1	11.4667	0.95	1	1	5.289729
Type 3S2_serv	BOBJ1	5	11.4667	After	Interior Girder 2	11.4667	0.95	1	1	5.059089
Type 3S2_serv	BOBJ1	5	11.4667	After	Interior Girder 3	11.4667	0.95	1	1	4.767141
Type 3S2_serv	BOBJ1	5	11.4667	After	Interior Girder 4	11.4667	0.95	1	1	4.767141
Type 3S2_serv	BOBJ1	5	11.4667	After	Interior Girder 5	11.4667	0.95	1	1	5.059089
Type 3S2_serv	BOBJ1	5	11.4667	After	Interior Girder 6	11.4667	0.95	1	1	5.289729
Type 3S2_serv	BOBJ1	5	11.4667	After	Right Exterior Girder	11.4667	0.95	1	1	7.113988
Type 3S2_serv	BOBJ1	6	17.0833	Before	Left Exterior Girder	17.0833	0.95	1	1	5.194897
Type 3S2_serv	BOBJ1	6	17.0833	Before	Interior Girder 1	17.0833	0.95	1	1	4.176829
Type 3S2_serv	BOBJ1	6	17.0833	Before	Interior Girder 2	17.0833	0.95	1	1	3.955761
Type 3S2_serv	BOBJ1	6	17.0833	Before	Interior Girder 3	17.0833	0.95	1	1	3.800408
Type 3S2_serv	BOBJ1	6	17.0833	Before	Interior Girder 4	17.0833	0.95	1	1	3.800408
Type 3S2_serv	BOBJ1	6	17.0833	Before	Interior Girder 5	17.0833	0.95	1	1	3.955761
Type 3S2_serv	BOBJ1	6	17.0833	Before	Interior Girder 6	17.0833	0.95	1	1	4.176829
Type 3S2_serv	BOBJ1	6	17.0833	Before	Right Exterior Girder	17.0833	0.95	1	1	5.194897

TABLE: Bridge Super Rating AASHTORATE18 31 - SteelCompServ-Flx - Approach, Span 12-15										
Request	BridgeObj	BridgeCut	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	Unitless	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Type 3S2_serv	BOBJ1	7	17.0833	After	Left Exterior Girder	17.0833	0.95	1	1	5.199803
Type 3S2_serv	BOBJ1	7	17.0833	After	Interior Girder 1	17.0833	0.95	1	1	4.179946
Type 3S2_serv	BOBJ1	7	17.0833	After	Interior Girder 2	17.0833	0.95	1	1	3.998067
Type 3S2_serv	BOBJ1	7	17.0833	After	Interior Girder 3	17.0833	0.95	1	1	3.850126
Type 3S2_serv	BOBJ1	7	17.0833	After	Interior Girder 4	17.0833	0.95	1	1	3.850126
Type 3S2_serv	BOBJ1	7	17.0833	After	Interior Girder 5	17.0833	0.95	1	1	3.998067
Type 3S2_serv	BOBJ1	7	17.0833	After	Interior Girder 6	17.0833	0.95	1	1	4.179946
Type 3S2_serv	BOBJ1	7	17.0833	After	Right Exterior Girder	17.0833	0.95	1	1	5.199803
Type 3S2_serv	BOBJ1	8	22.7	Before	Left Exterior Girder	22.7	0.95	1	1	4.598988
Type 3S2_serv	BOBJ1	8	22.7	Before	Interior Girder 1	22.7	0.95	1	1	4.099289
Type 3S2_serv	BOBJ1	8	22.7	Before	Interior Girder 2	22.7	0.95	1	1	3.883917
Type 3S2_serv	BOBJ1	8	22.7	Before	Interior Girder 3	22.7	0.95	1	1	3.790558
Type 3S2_serv	BOBJ1	8	22.7	Before	Interior Girder 4	22.7	0.95	1	1	3.790558
Type 3S2_serv	BOBJ1	8	22.7	Before	Interior Girder 5	22.7	0.95	1	1	3.883917
Type 3S2_serv	BOBJ1	8	22.7	Before	Interior Girder 6	22.7	0.95	1	1	4.099289
Type 3S2_serv	BOBJ1	8	22.7	Before	Right Exterior Girder	22.7	0.95	1	1	4.598988
Type 3S2_serv	BOBJ1	9	22.7	After	Left Exterior Girder	22.7	0.95	1	1	4.628129
Type 3S2_serv	BOBJ1	9	22.7	After	Interior Girder 1	22.7	0.95	1	1	4.078893
Type 3S2_serv	BOBJ1	9	22.7	After	Interior Girder 2	22.7	0.95	1	1	3.883555
Type 3S2_serv	BOBJ1	9	22.7	After	Interior Girder 3	22.7	0.95	1	1	3.781172
Type 3S2_serv	BOBJ1	9	22.7	After	Interior Girder 4	22.7	0.95	1	1	3.781172
Type 3S2_serv	BOBJ1	9	22.7	After	Interior Girder 5	22.7	0.95	1	1	3.883555
Type 3S2_serv	BOBJ1	9	22.7	After	Interior Girder 6	22.7	0.95	1	1	4.078893
Type 3S2_serv	BOBJ1	9	22.7	After	Right Exterior Girder	22.7	0.95	1	1	4.628129
Type 3S2_serv	BOBJ1	10	28.3167	Before	Left Exterior Girder	28.3167	0.95	1	1	5.161246
Type 3S2_serv	BOBJ1	10	28.3167	Before	Interior Girder 1	28.3167	0.95	1	1	4.24747
Type 3S2_serv	BOBJ1	10	28.3167	Before	Interior Girder 2	28.3167	0.95	1	1	4.045724
Type 3S2_serv	BOBJ1	10	28.3167	Before	Interior Girder 3	28.3167	0.95	1	1	3.899211
Type 3S2_serv	BOBJ1	10	28.3167	Before	Interior Girder 4	28.3167	0.95	1	1	3.899211
Type 3S2_serv	BOBJ1	10	28.3167	Before	Interior Girder 5	28.3167	0.95	1	1	4.045724
Type 3S2_serv	BOBJ1	10	28.3167	Before	Interior Girder 6	28.3167	0.95	1	1	4.24747
Type 3S2_serv	BOBJ1	10	28.3167	Before	Right Exterior Girder	28.3167	0.95	1	1	5.161246
Type 3S2_serv	BOBJ1	11	28.3167	After	Left Exterior Girder	28.3167	0.95	1	1	5.179407
Type 3S2_serv	BOBJ1	11	28.3167	After	Interior Girder 1	28.3167	0.95	1	1	4.243976
Type 3S2_serv	BOBJ1	11	28.3167	After	Interior Girder 2	28.3167	0.95	1	1	4.044255
Type 3S2_serv	BOBJ1	11	28.3167	After	Interior Girder 3	28.3167	0.95	1	1	3.897592
Type 3S2_serv	BOBJ1	11	28.3167	After	Interior Girder 4	28.3167	0.95	1	1	3.897592
Type 3S2_serv	BOBJ1	11	28.3167	After	Interior Girder 5	28.3167	0.95	1	1	4.044255
Type 3S2_serv	BOBJ1	11	28.3167	After	Interior Girder 6	28.3167	0.95	1	1	4.243976
Type 3S2_serv	BOBJ1	11	28.3167	After	Right Exterior Girder	28.3167	0.95	1	1	5.179407
Type 3S2_serv	BOBJ1	12	33.9333	Before	Left Exterior Girder	33.9333	0.95	1	1	6.013709
Type 3S2_serv	BOBJ1	12	33.9333	Before	Interior Girder 1	33.9333	0.95	1	1	4.753639
Type 3S2_serv	BOBJ1	12	33.9333	Before	Interior Girder 2	33.9333	0.95	1	1	4.496909
Type 3S2_serv	BOBJ1	12	33.9333	Before	Interior Girder 3	33.9333	0.95	1	1	4.386468
Type 3S2_serv	BOBJ1	12	33.9333	Before	Interior Girder 4	33.9333	0.95	1	1	4.386468
Type 3S2_serv	BOBJ1	12	33.9333	Before	Interior Girder 5	33.9333	0.95	1	1	4.496909
Type 3S2_serv	BOBJ1	12	33.9333	Before	Interior Girder 6	33.9333	0.95	1	1	4.753639
Type 3S2_serv	BOBJ1	12	33.9333	Before	Right Exterior Girder	33.9333	0.95	1	1	6.013709
Type 3S2_serv	BOBJ1	13	33.9333	After	Left Exterior Girder	33.9333	0.95	1	1	5.935465
Type 3S2_serv	BOBJ1	13	33.9333	After	Interior Girder 1	33.9333	0.95	1	1	4.787784
Type 3S2_serv	BOBJ1	13	33.9333	After	Interior Girder 2	33.9333	0.95	1	1	4.503297
Type 3S2_serv	BOBJ1	13	33.9333	After	Interior Girder 3	33.9333	0.95	1	1	4.359309
Type 3S2_serv	BOBJ1	13	33.9333	After	Interior Girder 4	33.9333	0.95	1	1	4.359309
Type 3S2_serv	BOBJ1	13	33.9333	After	Interior Girder 5	33.9333	0.95	1	1	4.503297
Type 3S2_serv	BOBJ1	13	33.9333	After	Interior Girder 6	33.9333	0.95	1	1	4.787784
Type 3S2_serv	BOBJ1	13	33.9333	After	Right Exterior Girder	33.9333	0.95	1	1	5.935465
Type 3S2_serv	BOBJ1	14	39.55	Before	Left Exterior Girder	39.55	0.95	1	1	7.893292
Type 3S2_serv	BOBJ1	14	39.55	Before	Interior Girder 1	39.55	0.95	1	1	6.621352
Type 3S2_serv	BOBJ1	14	39.55	Before	Interior Girder 2	39.55	0.95	1	1	6.095377
Type 3S2_serv	BOBJ1	14	39.55	Before	Interior Girder 3	39.55	0.95	1	1	5.986642
Type 3S2_serv	BOBJ1	14	39.55	Before	Interior Girder 4	39.55	0.95	1	1	5.986642
Type 3S2_serv	BOBJ1	14	39.55	Before	Interior Girder 5	39.55	0.95	1	1	6.095377
Type 3S2_serv	BOBJ1	14	39.55	Before	Interior Girder 6	39.55	0.95	1	1	6.621352
Type 3S2_serv	BOBJ1	14	39.55	Before	Right Exterior Girder	39.55	0.95	1	1	7.893292
Type 3S2_serv	BOBJ1	15	39.55	After	Left Exterior Girder	39.55	0.95	1	1	7.972653
Type 3S2_serv	BOBJ1	15	39.55	After	Interior Girder 1	39.55	0.95	1	1	6.647238
Type 3S2_serv	BOBJ1	15	39.55	After	Interior Girder 2	39.55	0.95	1	1	6.049138
Type 3S2_serv	BOBJ1	15	39.55	After	Interior Girder 3	39.55	0.95	1	1	5.868882
Type 3S2_serv	BOBJ1	15	39.55	After	Interior Girder 4	39.55	0.95	1	1	5.868882
Type 3S2_serv	BOBJ1	15	39.55	After	Interior Girder 5	39.55	0.95	1	1	6.049138
Type 3S2_serv	BOBJ1	15	39.55	After	Interior Girder 6	39.55	0.95	1	1	6.647238
Type 3S2_serv	BOBJ1	15	39.55	After	Right Exterior Girder	39.55	0.95	1	1	7.972653
Type 3S2_serv	BOBJ1	16	45.1733	Before	Left Exterior Girder	45.1226	0.95	1	1	6.099926

TABLE: Bridge Super Rating AASHTORATE18 31 - SteelCompServ-Flx - Approach, Span 12-15										
Request	BridgeObj	BridgeCut	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	Unitless	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Type 3S2_serv	BOBJ1	16	45.1733	Before	Interior Girder 1	45.1226	0.95	1	1	6.217415
Type 3S2_serv	BOBJ1	16	45.1733	Before	Interior Girder 2	45.1226	0.95	1	1	5.970977
Type 3S2_serv	BOBJ1	16	45.1733	Before	Interior Girder 3	45.1226	0.95	1	1	6.07664
Type 3S2_serv	BOBJ1	16	45.1733	Before	Interior Girder 4	45.1226	0.95	1	1	6.07664
Type 3S2_serv	BOBJ1	16	45.1733	Before	Interior Girder 5	45.1226	0.95	1	1	5.970977
Type 3S2_serv	BOBJ1	16	45.1733	Before	Interior Girder 6	45.1226	0.95	1	1	6.217415
Type 3S2_serv	BOBJ1	16	45.1733	Before	Right Exterior Girder	45.1226	0.95	1	1	6.099926
Type 3S2_serv	BOBJ1	17	45.1733	After	Left Exterior Girder	45.1226	0.95	1	1	4.903929
Type 3S2_serv	BOBJ1	17	45.1733	After	Interior Girder 1	45.1226	0.95	1	1	4.986697
Type 3S2_serv	BOBJ1	17	45.1733	After	Interior Girder 2	45.1226	0.95	1	1	4.76489
Type 3S2_serv	BOBJ1	17	45.1733	After	Interior Girder 3	45.1226	0.95	1	1	4.873687
Type 3S2_serv	BOBJ1	17	45.1733	After	Interior Girder 4	45.1226	0.95	1	1	4.873687
Type 3S2_serv	BOBJ1	17	45.1733	After	Interior Girder 5	45.1226	0.95	1	1	4.76489
Type 3S2_serv	BOBJ1	17	45.1733	After	Interior Girder 6	45.1226	0.95	1	1	4.986697
Type 3S2_serv	BOBJ1	17	45.1733	After	Right Exterior Girder	45.1226	0.95	1	1	4.903929
Type 3S2_serv	BOBJ1	18	49.2561	Before	Left Exterior Girder	49.2561	0.95	1	1	3.762228
Type 3S2_serv	BOBJ1	18	49.2561	Before	Right Exterior Girder	49.2561	0.95	1	1	3.762228
Type 3S2_serv	BOBJ1	19	49.2561	After	Left Exterior Girder	49.2561	0.95	1	1	3.805107
Type 3S2_serv	BOBJ1	19	49.2561	After	Right Exterior Girder	49.2561	0.95	1	1	3.805107
Type 3S2_serv	BOBJ1	20	50.7967	Before	Left Exterior Girder	50.7967	0.95	1	1	7.639269
Type 3S2_serv	BOBJ1	20	50.7967	Before	Interior Girder 1	50.7967	0.95	1	1	3.780636
Type 3S2_serv	BOBJ1	20	50.7967	Before	Interior Girder 2	50.7967	0.95	1	1	3.591757
Type 3S2_serv	BOBJ1	20	50.7967	Before	Interior Girder 3	50.7967	0.95	1	1	3.450338
Type 3S2_serv	BOBJ1	20	50.7967	Before	Interior Girder 4	50.7967	0.95	1	1	3.450338
Type 3S2_serv	BOBJ1	20	50.7967	Before	Interior Girder 5	50.7967	0.95	1	1	3.591757
Type 3S2_serv	BOBJ1	20	50.7967	Before	Interior Girder 6	50.7967	0.95	1	1	3.780636
Type 3S2_serv	BOBJ1	20	50.7967	Before	Right Exterior Girder	50.7967	0.95	1	1	7.639269
Type 3S2_serv	BOBJ1	21	50.7967	After	Left Exterior Girder	50.7967	0.95	1	1	7.588874
Type 3S2_serv	BOBJ1	21	50.7967	After	Interior Girder 1	50.7967	0.95	1	1	3.77502
Type 3S2_serv	BOBJ1	21	50.7967	After	Interior Girder 2	50.7967	0.95	1	1	3.570298
Type 3S2_serv	BOBJ1	21	50.7967	After	Interior Girder 3	50.7967	0.95	1	1	3.438727
Type 3S2_serv	BOBJ1	21	50.7967	After	Interior Girder 4	50.7967	0.95	1	1	3.438727
Type 3S2_serv	BOBJ1	21	50.7967	After	Interior Girder 5	50.7967	0.95	1	1	3.570298
Type 3S2_serv	BOBJ1	21	50.7967	After	Interior Girder 6	50.7967	0.95	1	1	3.77502
Type 3S2_serv	BOBJ1	21	50.7967	After	Right Exterior Girder	50.7967	0.95	1	1	7.588874
Type 3S2_serv	BOBJ1	22	51.3989	Before	Interior Girder 1	51.3989	0.95	1	1	3.637879
Type 3S2_serv	BOBJ1	22	51.3989	Before	Interior Girder 2	51.3989	0.95	1	1	3.457323
Type 3S2_serv	BOBJ1	22	51.3989	Before	Interior Girder 3	51.3989	0.95	1	1	3.302104
Type 3S2_serv	BOBJ1	22	51.3989	Before	Interior Girder 4	51.3989	0.95	1	1	3.302104
Type 3S2_serv	BOBJ1	22	51.3989	Before	Interior Girder 5	51.3989	0.95	1	1	3.457323
Type 3S2_serv	BOBJ1	22	51.3989	Before	Interior Girder 6	51.3989	0.95	1	1	3.637879
Type 3S2_serv	BOBJ1	23	51.3989	After	Interior Girder 1	51.3989	0.95	1	1	5.357058
Type 3S2_serv	BOBJ1	23	51.3989	After	Interior Girder 2	51.3989	0.95	1	1	5.073861
Type 3S2_serv	BOBJ1	23	51.3989	After	Interior Girder 3	51.3989	0.95	1	1	4.885468
Type 3S2_serv	BOBJ1	23	51.3989	After	Interior Girder 4	51.3989	0.95	1	1	4.885468
Type 3S2_serv	BOBJ1	23	51.3989	After	Interior Girder 5	51.3989	0.95	1	1	5.073861
Type 3S2_serv	BOBJ1	23	51.3989	After	Interior Girder 6	51.3989	0.95	1	1	5.357058
Type 3S2_serv	BOBJ1	24	56.42	Before	Left Exterior Girder	56.42	0.95	1	1	5.788287
Type 3S2_serv	BOBJ1	24	56.42	Before	Interior Girder 1	56.42	0.95	1	1	3.69212
Type 3S2_serv	BOBJ1	24	56.42	Before	Interior Girder 2	56.42	0.95	1	1	3.42137
Type 3S2_serv	BOBJ1	24	56.42	Before	Interior Girder 3	56.42	0.95	1	1	2.842852
Type 3S2_serv	BOBJ1	24	56.42	Before	Interior Girder 4	56.42	0.95	1	1	2.842852
Type 3S2_serv	BOBJ1	24	56.42	Before	Interior Girder 5	56.42	0.95	1	1	3.42137
Type 3S2_serv	BOBJ1	24	56.42	Before	Interior Girder 6	56.42	0.95	1	1	3.69212
Type 3S2_serv	BOBJ1	24	56.42	Before	Right Exterior Girder	56.42	0.95	1	1	5.788287
Type 3S2_serv	BOBJ1	25	56.42	After	Left Exterior Girder	0	0.95	1	1	6.037731
Type 3S2_serv	BOBJ1	25	56.42	After	Interior Girder 1	0	0.95	1	1	3.610515
Type 3S2_serv	BOBJ1	25	56.42	After	Interior Girder 2	0	0.95	1	1	3.435039
Type 3S2_serv	BOBJ1	25	56.42	After	Interior Girder 3	0	0.95	1	1	2.852011
Type 3S2_serv	BOBJ1	25	56.42	After	Interior Girder 4	0	0.95	1	1	2.852011
Type 3S2_serv	BOBJ1	25	56.42	After	Interior Girder 5	0	0.95	1	1	3.435039
Type 3S2_serv	BOBJ1	25	56.42	After	Interior Girder 6	0	0.95	1	1	3.610515
Type 3S2_serv	BOBJ1	25	56.42	After	Right Exterior Girder	0	0.95	1	1	6.037731
Type 3S2_serv	BOBJ1	26	62.0367	Before	Left Exterior Girder	5.6167	0.95	1	1	10.387953
Type 3S2_serv	BOBJ1	26	62.0367	Before	Interior Girder 1	5.6167	0.95	1	1	7.13587
Type 3S2_serv	BOBJ1	26	62.0367	Before	Interior Girder 2	5.6167	0.95	1	1	6.621347
Type 3S2_serv	BOBJ1	26	62.0367	Before	Interior Girder 3	5.6167	0.95	1	1	6.202453
Type 3S2_serv	BOBJ1	26	62.0367	Before	Interior Girder 4	5.6167	0.95	1	1	6.202453
Type 3S2_serv	BOBJ1	26	62.0367	Before	Interior Girder 5	5.6167	0.95	1	1	6.621347
Type 3S2_serv	BOBJ1	26	62.0367	Before	Interior Girder 6	5.6167	0.95	1	1	7.13587
Type 3S2_serv	BOBJ1	26	62.0367	Before	Right Exterior Girder	5.6167	0.95	1	1	10.387953
Type 3S2_serv	BOBJ1	27	62.0367	After	Left Exterior Girder	5.6167	0.95	1	1	10.253906
Type 3S2_serv	BOBJ1	27	62.0367	After	Interior Girder 1	5.6167	0.95	1	1	7.252398

TABLE: Bridge Super Rating AASHTORATE18 31 - SteelCompServ-Flx - Approach, Span 12-15										
Request	BridgeObj	BridgeCut	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	Unitless	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Type 3S2_serv	BOBJ1	27	62.0367	After	Interior Girder 2	5.6167	0.95	1	1	6.722673
Type 3S2_serv	BOBJ1	27	62.0367	After	Interior Girder 3	5.6167	0.95	1	1	6.309401
Type 3S2_serv	BOBJ1	27	62.0367	After	Interior Girder 4	5.6167	0.95	1	1	6.309401
Type 3S2_serv	BOBJ1	27	62.0367	After	Interior Girder 5	5.6167	0.95	1	1	6.722673
Type 3S2_serv	BOBJ1	27	62.0367	After	Interior Girder 6	5.6167	0.95	1	1	7.252398
Type 3S2_serv	BOBJ1	27	62.0367	After	Right Exterior Girder	5.6167	0.95	1	1	10.253906
Type 3S2_serv	BOBJ1	28	62.4203	Before	Interior Girder 1	6.0003	0.95	1	1	7.380938
Type 3S2_serv	BOBJ1	28	62.4203	Before	Interior Girder 2	6.0003	0.95	1	1	6.83466
Type 3S2_serv	BOBJ1	28	62.4203	Before	Interior Girder 3	6.0003	0.95	1	1	6.448753
Type 3S2_serv	BOBJ1	28	62.4203	Before	Interior Girder 4	6.0003	0.95	1	1	6.448753
Type 3S2_serv	BOBJ1	28	62.4203	Before	Interior Girder 5	6.0003	0.95	1	1	6.83466
Type 3S2_serv	BOBJ1	28	62.4203	Before	Interior Girder 6	6.0003	0.95	1	1	7.380938
Type 3S2_serv	BOBJ1	29	62.4203	After	Interior Girder 1	6.0003	0.95	1	1	4.991347
Type 3S2_serv	BOBJ1	29	62.4203	After	Interior Girder 2	6.0003	0.95	1	1	4.675479
Type 3S2_serv	BOBJ1	29	62.4203	After	Interior Girder 3	6.0003	0.95	1	1	4.36205
Type 3S2_serv	BOBJ1	29	62.4203	After	Interior Girder 4	6.0003	0.95	1	1	4.36205
Type 3S2_serv	BOBJ1	29	62.4203	After	Interior Girder 5	6.0003	0.95	1	1	4.675479
Type 3S2_serv	BOBJ1	29	62.4203	After	Interior Girder 6	6.0003	0.95	1	1	4.991347
Type 3S2_serv	BOBJ1	30	64.9204	Before	Left Exterior Girder	8.5004	0.95	1	1	11.570415
Type 3S2_serv	BOBJ1	30	64.9204	Before	Right Exterior Girder	8.5004	0.95	1	1	11.570415
Type 3S2_serv	BOBJ1	31	64.9204	After	Left Exterior Girder	8.5004	0.95	1	1	5.499517
Type 3S2_serv	BOBJ1	31	64.9204	After	Right Exterior Girder	8.5004	0.95	1	1	5.499517
Type 3S2_serv	BOBJ1	32	67.6533	Before	Left Exterior Girder	11.2333	0.95	1	1	6.523074
Type 3S2_serv	BOBJ1	32	67.6533	Before	Interior Girder 1	11.2333	0.95	1	1	6.48043
Type 3S2_serv	BOBJ1	32	67.6533	Before	Interior Girder 2	11.2333	0.95	1	1	6.085682
Type 3S2_serv	BOBJ1	32	67.6533	Before	Interior Girder 3	11.2333	0.95	1	1	6.071902
Type 3S2_serv	BOBJ1	32	67.6533	Before	Interior Girder 4	11.2333	0.95	1	1	6.071902
Type 3S2_serv	BOBJ1	32	67.6533	Before	Interior Girder 5	11.2333	0.95	1	1	6.085682
Type 3S2_serv	BOBJ1	32	67.6533	Before	Interior Girder 6	11.2333	0.95	1	1	6.48043
Type 3S2_serv	BOBJ1	32	67.6533	Before	Right Exterior Girder	11.2333	0.95	1	1	6.523074
Type 3S2_serv	BOBJ1	33	67.6533	After	Left Exterior Girder	11.2333	0.95	1	1	6.467693
Type 3S2_serv	BOBJ1	33	67.6533	After	Interior Girder 1	11.2333	0.95	1	1	6.528467
Type 3S2_serv	BOBJ1	33	67.6533	After	Interior Girder 2	11.2333	0.95	1	1	6.167451
Type 3S2_serv	BOBJ1	33	67.6533	After	Interior Girder 3	11.2333	0.95	1	1	6.132535
Type 3S2_serv	BOBJ1	33	67.6533	After	Interior Girder 4	11.2333	0.95	1	1	6.132535
Type 3S2_serv	BOBJ1	33	67.6533	After	Interior Girder 5	11.2333	0.95	1	1	6.167451
Type 3S2_serv	BOBJ1	33	67.6533	After	Interior Girder 6	11.2333	0.95	1	1	6.528467
Type 3S2_serv	BOBJ1	33	67.6533	After	Right Exterior Girder	11.2333	0.95	1	1	6.467693
Type 3S2_serv	BOBJ1	34	73.27	Before	Left Exterior Girder	16.85	0.95	1	1	8.032935
Type 3S2_serv	BOBJ1	34	73.27	Before	Interior Girder 1	16.85	0.95	1	1	6.688159
Type 3S2_serv	BOBJ1	34	73.27	Before	Interior Girder 2	16.85	0.95	1	1	6.000813
Type 3S2_serv	BOBJ1	34	73.27	Before	Interior Girder 3	16.85	0.95	1	1	5.827875
Type 3S2_serv	BOBJ1	34	73.27	Before	Interior Girder 4	16.85	0.95	1	1	5.827875
Type 3S2_serv	BOBJ1	34	73.27	Before	Interior Girder 5	16.85	0.95	1	1	6.000813
Type 3S2_serv	BOBJ1	34	73.27	Before	Interior Girder 6	16.85	0.95	1	1	6.688159
Type 3S2_serv	BOBJ1	34	73.27	Before	Right Exterior Girder	16.85	0.95	1	1	8.032935
Type 3S2_serv	BOBJ1	35	73.27	After	Left Exterior Girder	16.85	0.95	1	1	8.138834
Type 3S2_serv	BOBJ1	35	73.27	After	Interior Girder 1	16.85	0.95	1	1	6.597142
Type 3S2_serv	BOBJ1	35	73.27	After	Interior Girder 2	16.85	0.95	1	1	6.005176
Type 3S2_serv	BOBJ1	35	73.27	After	Interior Girder 3	16.85	0.95	1	1	5.926639
Type 3S2_serv	BOBJ1	35	73.27	After	Interior Girder 4	16.85	0.95	1	1	5.926639
Type 3S2_serv	BOBJ1	35	73.27	After	Interior Girder 5	16.85	0.95	1	1	6.005176
Type 3S2_serv	BOBJ1	35	73.27	After	Interior Girder 6	16.85	0.95	1	1	6.597142
Type 3S2_serv	BOBJ1	35	73.27	After	Right Exterior Girder	16.85	0.95	1	1	8.138834
Type 3S2_serv	BOBJ1	36	78.8867	Before	Left Exterior Girder	22.4667	0.95	1	1	5.465342
Type 3S2_serv	BOBJ1	36	78.8867	Before	Interior Girder 1	22.4667	0.95	1	1	4.488994
Type 3S2_serv	BOBJ1	36	78.8867	Before	Interior Girder 2	22.4667	0.95	1	1	4.188713
Type 3S2_serv	BOBJ1	36	78.8867	Before	Interior Girder 3	22.4667	0.95	1	1	4.053658
Type 3S2_serv	BOBJ1	36	78.8867	Before	Interior Girder 4	22.4667	0.95	1	1	4.053658
Type 3S2_serv	BOBJ1	36	78.8867	Before	Interior Girder 5	22.4667	0.95	1	1	4.188713
Type 3S2_serv	BOBJ1	36	78.8867	Before	Interior Girder 6	22.4667	0.95	1	1	4.488994
Type 3S2_serv	BOBJ1	36	78.8867	Before	Right Exterior Girder	22.4667	0.95	1	1	5.465342
Type 3S2_serv	BOBJ1	37	78.8867	After	Left Exterior Girder	22.4667	0.95	1	1	5.573181
Type 3S2_serv	BOBJ1	37	78.8867	After	Interior Girder 1	22.4667	0.95	1	1	4.436786
Type 3S2_serv	BOBJ1	37	78.8867	After	Interior Girder 2	22.4667	0.95	1	1	4.18645
Type 3S2_serv	BOBJ1	37	78.8867	After	Interior Girder 3	22.4667	0.95	1	1	4.094091
Type 3S2_serv	BOBJ1	37	78.8867	After	Interior Girder 4	22.4667	0.95	1	1	4.094091
Type 3S2_serv	BOBJ1	37	78.8867	After	Interior Girder 5	22.4667	0.95	1	1	4.18645
Type 3S2_serv	BOBJ1	37	78.8867	After	Interior Girder 6	22.4667	0.95	1	1	4.436786
Type 3S2_serv	BOBJ1	37	78.8867	After	Right Exterior Girder	22.4667	0.95	1	1	5.573181
Type 3S2_serv	BOBJ1	38	84.5033	Before	Left Exterior Girder	28.0833	0.95	1	1	4.369992
Type 3S2_serv	BOBJ1	38	84.5033	Before	Interior Girder 1	28.0833	0.95	1	1	3.772503
Type 3S2_serv	BOBJ1	38	84.5033	Before	Interior Girder 2	28.0833	0.95	1	1	3.581189

TABLE: Bridge Super Rating AASHTORATE18 31 - SteelICompServ-Flx - Approach, Span 12-15										
Request	BridgeObj	BridgeCut	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	Unitless	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Type 3S2_serv	BOBJ1	38	84.5033	Before	Interior Girder 3	28.0833	0.95	1	1	3.497739
Type 3S2_serv	BOBJ1	38	84.5033	Before	Interior Girder 4	28.0833	0.95	1	1	3.497739
Type 3S2_serv	BOBJ1	38	84.5033	Before	Interior Girder 5	28.0833	0.95	1	1	3.581189
Type 3S2_serv	BOBJ1	38	84.5033	Before	Interior Girder 6	28.0833	0.95	1	1	3.772503
Type 3S2_serv	BOBJ1	38	84.5033	Before	Right Exterior Girder	28.0833	0.95	1	1	4.369992
Type 3S2_serv	BOBJ1	39	84.5033	After	Left Exterior Girder	28.0833	0.95	1	1	4.380896
Type 3S2_serv	BOBJ1	39	84.5033	After	Interior Girder 1	28.0833	0.95	1	1	3.77146
Type 3S2_serv	BOBJ1	39	84.5033	After	Interior Girder 2	28.0833	0.95	1	1	3.593316
Type 3S2_serv	BOBJ1	39	84.5033	After	Interior Girder 3	28.0833	0.95	1	1	3.512239
Type 3S2_serv	BOBJ1	39	84.5033	After	Interior Girder 4	28.0833	0.95	1	1	3.512239
Type 3S2_serv	BOBJ1	39	84.5033	After	Interior Girder 5	28.0833	0.95	1	1	3.593316
Type 3S2_serv	BOBJ1	39	84.5033	After	Interior Girder 6	28.0833	0.95	1	1	3.77146
Type 3S2_serv	BOBJ1	39	84.5033	After	Right Exterior Girder	28.0833	0.95	1	1	4.380896
Type 3S2_serv	BOBJ1	40	90.12	Before	Left Exterior Girder	33.7	0.95	1	1	3.97185
Type 3S2_serv	BOBJ1	40	90.12	Before	Interior Girder 1	33.7	0.95	1	1	3.778014
Type 3S2_serv	BOBJ1	40	90.12	Before	Interior Girder 2	33.7	0.95	1	1	3.587258
Type 3S2_serv	BOBJ1	40	90.12	Before	Interior Girder 3	33.7	0.95	1	1	3.515375
Type 3S2_serv	BOBJ1	40	90.12	Before	Interior Girder 4	33.7	0.95	1	1	3.515375
Type 3S2_serv	BOBJ1	40	90.12	Before	Interior Girder 5	33.7	0.95	1	1	3.587258
Type 3S2_serv	BOBJ1	40	90.12	Before	Interior Girder 6	33.7	0.95	1	1	3.778014
Type 3S2_serv	BOBJ1	40	90.12	Before	Right Exterior Girder	33.7	0.95	1	1	3.97185
Type 3S2_serv	BOBJ1	41	90.12	After	Left Exterior Girder	33.7	0.95	1	1	3.988091
Type 3S2_serv	BOBJ1	41	90.12	After	Interior Girder 1	33.7	0.95	1	1	3.768853
Type 3S2_serv	BOBJ1	41	90.12	After	Interior Girder 2	33.7	0.95	1	1	3.580926
Type 3S2_serv	BOBJ1	41	90.12	After	Interior Girder 3	33.7	0.95	1	1	3.507771
Type 3S2_serv	BOBJ1	41	90.12	After	Interior Girder 4	33.7	0.95	1	1	3.507771
Type 3S2_serv	BOBJ1	41	90.12	After	Interior Girder 5	33.7	0.95	1	1	3.580926
Type 3S2_serv	BOBJ1	41	90.12	After	Interior Girder 6	33.7	0.95	1	1	3.768853
Type 3S2_serv	BOBJ1	41	90.12	After	Right Exterior Girder	33.7	0.95	1	1	3.988091
Type 3S2_serv	BOBJ1	42	95.7367	Before	Left Exterior Girder	39.3167	0.95	1	1	4.342224
Type 3S2_serv	BOBJ1	42	95.7367	Before	Interior Girder 1	39.3167	0.95	1	1	3.745419
Type 3S2_serv	BOBJ1	42	95.7367	Before	Interior Girder 2	39.3167	0.95	1	1	3.569817
Type 3S2_serv	BOBJ1	42	95.7367	Before	Interior Girder 3	39.3167	0.95	1	1	3.492115
Type 3S2_serv	BOBJ1	42	95.7367	Before	Interior Girder 4	39.3167	0.95	1	1	3.492115
Type 3S2_serv	BOBJ1	42	95.7367	Before	Interior Girder 5	39.3167	0.95	1	1	3.569817
Type 3S2_serv	BOBJ1	42	95.7367	Before	Interior Girder 6	39.3167	0.95	1	1	3.745419
Type 3S2_serv	BOBJ1	42	95.7367	Before	Right Exterior Girder	39.3167	0.95	1	1	4.342224
Type 3S2_serv	BOBJ1	43	95.7367	After	Left Exterior Girder	39.3167	0.95	1	1	4.334711
Type 3S2_serv	BOBJ1	43	95.7367	After	Interior Girder 1	39.3167	0.95	1	1	3.744351
Type 3S2_serv	BOBJ1	43	95.7367	After	Interior Girder 2	39.3167	0.95	1	1	3.558519
Type 3S2_serv	BOBJ1	43	95.7367	After	Interior Girder 3	39.3167	0.95	1	1	3.479594
Type 3S2_serv	BOBJ1	43	95.7367	After	Interior Girder 4	39.3167	0.95	1	1	3.479594
Type 3S2_serv	BOBJ1	43	95.7367	After	Interior Girder 5	39.3167	0.95	1	1	3.558519
Type 3S2_serv	BOBJ1	43	95.7367	After	Interior Girder 6	39.3167	0.95	1	1	3.744351
Type 3S2_serv	BOBJ1	43	95.7367	After	Right Exterior Girder	39.3167	0.95	1	1	4.334711
Type 3S2_serv	BOBJ1	44	101.3533	Before	Left Exterior Girder	44.9333	0.95	1	1	5.439366
Type 3S2_serv	BOBJ1	44	101.3533	Before	Interior Girder 1	44.9333	0.95	1	1	4.378617
Type 3S2_serv	BOBJ1	44	101.3533	Before	Interior Girder 2	44.9333	0.95	1	1	4.130413
Type 3S2_serv	BOBJ1	44	101.3533	Before	Interior Girder 3	44.9333	0.95	1	1	4.051597
Type 3S2_serv	BOBJ1	44	101.3533	Before	Interior Girder 4	44.9333	0.95	1	1	4.051597
Type 3S2_serv	BOBJ1	44	101.3533	Before	Interior Girder 5	44.9333	0.95	1	1	4.130413
Type 3S2_serv	BOBJ1	44	101.3533	Before	Interior Girder 6	44.9333	0.95	1	1	4.378617
Type 3S2_serv	BOBJ1	44	101.3533	Before	Right Exterior Girder	44.9333	0.95	1	1	5.439366
Type 3S2_serv	BOBJ1	45	101.3533	After	Left Exterior Girder	44.9333	0.95	1	1	5.338622
Type 3S2_serv	BOBJ1	45	101.3533	After	Interior Girder 1	44.9333	0.95	1	1	4.42646
Type 3S2_serv	BOBJ1	45	101.3533	After	Interior Girder 2	44.9333	0.95	1	1	4.134532
Type 3S2_serv	BOBJ1	45	101.3533	After	Interior Girder 3	44.9333	0.95	1	1	4.014167
Type 3S2_serv	BOBJ1	45	101.3533	After	Interior Girder 4	44.9333	0.95	1	1	4.014167
Type 3S2_serv	BOBJ1	45	101.3533	After	Interior Girder 5	44.9333	0.95	1	1	4.134532
Type 3S2_serv	BOBJ1	45	101.3533	After	Interior Girder 6	44.9333	0.95	1	1	4.42646
Type 3S2_serv	BOBJ1	45	101.3533	After	Right Exterior Girder	44.9333	0.95	1	1	5.338622
Type 3S2_serv	BOBJ1	46	106.97	Before	Left Exterior Girder	50.55	0.95	1	1	6.76305
Type 3S2_serv	BOBJ1	46	106.97	Before	Interior Girder 1	50.55	0.95	1	1	6.440465
Type 3S2_serv	BOBJ1	46	106.97	Before	Interior Girder 2	50.55	0.95	1	1	5.861311
Type 3S2_serv	BOBJ1	46	106.97	Before	Interior Girder 3	50.55	0.95	1	1	5.815819
Type 3S2_serv	BOBJ1	46	106.97	Before	Interior Girder 4	50.55	0.95	1	1	5.815819
Type 3S2_serv	BOBJ1	46	106.97	Before	Interior Girder 5	50.55	0.95	1	1	5.861311
Type 3S2_serv	BOBJ1	46	106.97	Before	Interior Girder 6	50.55	0.95	1	1	6.440465
Type 3S2_serv	BOBJ1	46	106.97	Before	Right Exterior Girder	50.55	0.95	1	1	6.76305
Type 3S2_serv	BOBJ1	47	106.97	After	Left Exterior Girder	50.55	0.95	1	1	6.814764
Type 3S2_serv	BOBJ1	47	106.97	After	Interior Girder 1	50.55	0.95	1	1	6.485235
Type 3S2_serv	BOBJ1	47	106.97	After	Interior Girder 2	50.55	0.95	1	1	5.836615
Type 3S2_serv	BOBJ1	47	106.97	After	Interior Girder 3	50.55	0.95	1	1	5.696194

TABLE: Bridge Super Rating AASHTORATE18 31 - SteelICompServ-Flx - Approach, Span 12-15										
Request	BridgeObj	BridgeCut	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	Unitless	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Type 3S2_serv	BOBJ1	47	106.97	After	Interior Girder 4	50.55	0.95	1	1	5.696194
Type 3S2_serv	BOBJ1	47	106.97	After	Interior Girder 5	50.55	0.95	1	1	5.836615
Type 3S2_serv	BOBJ1	47	106.97	After	Interior Girder 6	50.55	0.95	1	1	6.485235
Type 3S2_serv	BOBJ1	47	106.97	After	Right Exterior Girder	50.55	0.95	1	1	6.814764
Type 3S2_serv	BOBJ1	48	112.5933	Before	Left Exterior Girder	56.1733	0.95	1	1	5.050674
Type 3S2_serv	BOBJ1	48	112.5933	Before	Interior Girder 1	56.1733	0.95	1	1	5.219193
Type 3S2_serv	BOBJ1	48	112.5933	Before	Interior Girder 2	56.1733	0.95	1	1	4.973467
Type 3S2_serv	BOBJ1	48	112.5933	Before	Interior Girder 3	56.1733	0.95	1	1	5.026093
Type 3S2_serv	BOBJ1	48	112.5933	Before	Interior Girder 4	56.1733	0.95	1	1	5.026093
Type 3S2_serv	BOBJ1	48	112.5933	Before	Interior Girder 5	56.1733	0.95	1	1	4.973467
Type 3S2_serv	BOBJ1	48	112.5933	Before	Interior Girder 6	56.1733	0.95	1	1	5.219193
Type 3S2_serv	BOBJ1	48	112.5933	Before	Right Exterior Girder	56.1733	0.95	1	1	5.050674
Type 3S2_serv	BOBJ1	49	112.5933	After	Left Exterior Girder	56.1733	0.95	1	1	5.086091
Type 3S2_serv	BOBJ1	49	112.5933	After	Interior Girder 1	56.1733	0.95	1	1	5.190244
Type 3S2_serv	BOBJ1	49	112.5933	After	Interior Girder 2	56.1733	0.95	1	1	4.925781
Type 3S2_serv	BOBJ1	49	112.5933	After	Interior Girder 3	56.1733	0.95	1	1	4.991498
Type 3S2_serv	BOBJ1	49	112.5933	After	Interior Girder 4	56.1733	0.95	1	1	4.991498
Type 3S2_serv	BOBJ1	49	112.5933	After	Interior Girder 5	56.1733	0.95	1	1	4.925781
Type 3S2_serv	BOBJ1	49	112.5933	After	Interior Girder 6	56.1733	0.95	1	1	5.190244
Type 3S2_serv	BOBJ1	49	112.5933	After	Right Exterior Girder	56.1733	0.95	1	1	5.086091
Type 3S2_serv	BOBJ1	50	115.3396	Before	Left Exterior Girder	58.9196	0.95	1	1	4.270833
Type 3S2_serv	BOBJ1	50	115.3396	Before	Right Exterior Girder	58.9196	0.95	1	1	4.270833
Type 3S2_serv	BOBJ1	51	115.3396	After	Left Exterior Girder	58.9196	0.95	1	1	9.042632
Type 3S2_serv	BOBJ1	51	115.3396	After	Right Exterior Girder	58.9196	0.95	1	1	9.042632
Type 3S2_serv	BOBJ1	52	118.2167	Before	Left Exterior Girder	61.7967	0.95	1	1	8.015257
Type 3S2_serv	BOBJ1	52	118.2167	Before	Interior Girder 1	61.9198	0.95	1	1	3.872928
Type 3S2_serv	BOBJ1	52	118.2167	Before	Interior Girder 2	61.9198	0.95	1	1	3.692786
Type 3S2_serv	BOBJ1	52	118.2167	Before	Interior Girder 3	61.9198	0.95	1	1	3.509855
Type 3S2_serv	BOBJ1	52	118.2167	Before	Interior Girder 4	61.9198	0.95	1	1	3.509855
Type 3S2_serv	BOBJ1	52	118.2167	Before	Interior Girder 5	61.9198	0.95	1	1	3.692786
Type 3S2_serv	BOBJ1	52	118.2167	Before	Interior Girder 6	61.9198	0.95	1	1	3.872928
Type 3S2_serv	BOBJ1	52	118.2167	Before	Right Exterior Girder	61.7967	0.95	1	1	8.015257
Type 3S2_serv	BOBJ1	53	118.2167	After	Left Exterior Girder	61.7967	0.95	1	1	8.036304
Type 3S2_serv	BOBJ1	53	118.2167	After	Interior Girder 1	61.9198	0.95	1	1	5.754913
Type 3S2_serv	BOBJ1	53	118.2167	After	Interior Girder 2	61.9198	0.95	1	1	5.386393
Type 3S2_serv	BOBJ1	53	118.2167	After	Interior Girder 3	61.9198	0.95	1	1	5.172541
Type 3S2_serv	BOBJ1	53	118.2167	After	Interior Girder 4	61.9198	0.95	1	1	5.172541
Type 3S2_serv	BOBJ1	53	118.2167	After	Interior Girder 5	61.9198	0.95	1	1	5.386393
Type 3S2_serv	BOBJ1	53	118.2167	After	Interior Girder 6	61.9198	0.95	1	1	5.754913
Type 3S2_serv	BOBJ1	53	118.2167	After	Right Exterior Girder	61.7967	0.95	1	1	8.036304
Type 3S2_serv	BOBJ1	54	123.84	Before	Left Exterior Girder	67.42	0.95	1	1	5.889476
Type 3S2_serv	BOBJ1	54	123.84	Before	Interior Girder 1	67.42	0.95	1	1	3.655886
Type 3S2_serv	BOBJ1	54	123.84	Before	Interior Girder 2	67.42	0.95	1	1	3.384906
Type 3S2_serv	BOBJ1	54	123.84	Before	Interior Girder 3	67.42	0.95	1	1	2.79696
Type 3S2_serv	BOBJ1	54	123.84	Before	Interior Girder 4	67.42	0.95	1	1	2.79696
Type 3S2_serv	BOBJ1	54	123.84	Before	Interior Girder 5	67.42	0.95	1	1	3.384906
Type 3S2_serv	BOBJ1	54	123.84	Before	Interior Girder 6	67.42	0.95	1	1	3.655886
Type 3S2_serv	BOBJ1	54	123.84	Before	Right Exterior Girder	67.42	0.95	1	1	5.889476
Type 3S2_serv	BOBJ1	55	123.84	After	Left Exterior Girder	0	0.95	1	1	5.857746
Type 3S2_serv	BOBJ1	55	123.84	After	Interior Girder 1	0	0.95	1	1	3.6721
Type 3S2_serv	BOBJ1	55	123.84	After	Interior Girder 2	0	0.95	1	1	3.424536
Type 3S2_serv	BOBJ1	55	123.84	After	Interior Girder 3	0	0.95	1	1	2.815421
Type 3S2_serv	BOBJ1	55	123.84	After	Interior Girder 4	0	0.95	1	1	2.815421
Type 3S2_serv	BOBJ1	55	123.84	After	Interior Girder 5	0	0.95	1	1	3.424536
Type 3S2_serv	BOBJ1	55	123.84	After	Interior Girder 6	0	0.95	1	1	3.6721
Type 3S2_serv	BOBJ1	55	123.84	After	Right Exterior Girder	0	0.95	1	1	5.857746
Type 3S2_serv	BOBJ1	56	129.34	Before	Interior Girder 1	5.5	0.95	1	1	5.838086
Type 3S2_serv	BOBJ1	56	129.34	Before	Interior Girder 2	5.5	0.95	1	1	5.501875
Type 3S2_serv	BOBJ1	56	129.34	Before	Interior Girder 3	5.5	0.95	1	1	5.279038
Type 3S2_serv	BOBJ1	56	129.34	Before	Interior Girder 4	5.5	0.95	1	1	5.279038
Type 3S2_serv	BOBJ1	56	129.34	Before	Interior Girder 5	5.5	0.95	1	1	5.501875
Type 3S2_serv	BOBJ1	56	129.34	Before	Interior Girder 6	5.5	0.95	1	1	5.838086
Type 3S2_serv	BOBJ1	57	129.34	After	Interior Girder 1	5.5	0.95	1	1	3.977402
Type 3S2_serv	BOBJ1	57	129.34	After	Interior Girder 2	5.5	0.95	1	1	3.756648
Type 3S2_serv	BOBJ1	57	129.34	After	Interior Girder 3	5.5	0.95	1	1	3.578453
Type 3S2_serv	BOBJ1	57	129.34	After	Interior Girder 4	5.5	0.95	1	1	3.578453
Type 3S2_serv	BOBJ1	57	129.34	After	Interior Girder 5	5.5	0.95	1	1	3.756648
Type 3S2_serv	BOBJ1	57	129.34	After	Interior Girder 6	5.5	0.95	1	1	3.977402
Type 3S2_serv	BOBJ1	58	130.79	Before	Left Exterior Girder	6.95	0.95	1	1	8.554289
Type 3S2_serv	BOBJ1	58	130.79	Before	Interior Girder 1	6.95	0.95	1	1	4.329096
Type 3S2_serv	BOBJ1	58	130.79	Before	Interior Girder 2	6.95	0.95	1	1	4.055697
Type 3S2_serv	BOBJ1	58	130.79	Before	Interior Girder 3	6.95	0.95	1	1	3.949599
Type 3S2_serv	BOBJ1	58	130.79	Before	Interior Girder 4	6.95	0.95	1	1	3.949599

TABLE: Bridge Super Rating AASHTORATE18 31 - SteelCompServ-Flx - Approach, Span 12-15										
Request	BridgeObj	BridgeCut	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	Unitless	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Type 3S2_serv	BOBJ1	58	130.79	Before	Interior Girder 5	6.95	0.95	1	1	4.055697
Type 3S2_serv	BOBJ1	58	130.79	Before	Interior Girder 6	6.95	0.95	1	1	4.329096
Type 3S2_serv	BOBJ1	58	130.79	Before	Right Exterior Girder	6.95	0.95	1	1	8.554289
Type 3S2_serv	BOBJ1	59	130.79	After	Left Exterior Girder	6.95	0.95	1	1	8.622119
Type 3S2_serv	BOBJ1	59	130.79	After	Interior Girder 1	6.95	0.95	1	1	4.311341
Type 3S2_serv	BOBJ1	59	130.79	After	Interior Girder 2	6.95	0.95	1	1	4.087122
Type 3S2_serv	BOBJ1	59	130.79	After	Interior Girder 3	6.95	0.95	1	1	3.973538
Type 3S2_serv	BOBJ1	59	130.79	After	Interior Girder 4	6.95	0.95	1	1	3.973538
Type 3S2_serv	BOBJ1	59	130.79	After	Interior Girder 5	6.95	0.95	1	1	4.087122
Type 3S2_serv	BOBJ1	59	130.79	After	Interior Girder 6	6.95	0.95	1	1	4.311341
Type 3S2_serv	BOBJ1	59	130.79	After	Right Exterior Girder	6.95	0.95	1	1	8.622119
Type 3S2_serv	BOBJ1	60	132.34	Before	Left Exterior Girder	8.5	0.95	1	1	9.244304
Type 3S2_serv	BOBJ1	60	132.34	Before	Right Exterior Girder	8.5	0.95	1	1	9.244304
Type 3S2_serv	BOBJ1	61	132.34	After	Left Exterior Girder	8.5	0.95	1	1	4.31751
Type 3S2_serv	BOBJ1	61	132.34	After	Right Exterior Girder	8.5	0.95	1	1	4.31751
Type 3S2_serv	BOBJ1	62	137.74	Before	Left Exterior Girder	13.9	0.95	1	1	5.95106
Type 3S2_serv	BOBJ1	62	137.74	Before	Interior Girder 1	13.9	0.95	1	1	5.992235
Type 3S2_serv	BOBJ1	62	137.74	Before	Interior Girder 2	13.9	0.95	1	1	5.776669
Type 3S2_serv	BOBJ1	62	137.74	Before	Interior Girder 3	13.9	0.95	1	1	6.053453
Type 3S2_serv	BOBJ1	62	137.74	Before	Interior Girder 4	13.9	0.95	1	1	6.053453
Type 3S2_serv	BOBJ1	62	137.74	Before	Interior Girder 5	13.9	0.95	1	1	5.776669
Type 3S2_serv	BOBJ1	62	137.74	Before	Interior Girder 6	13.9	0.95	1	1	5.992235
Type 3S2_serv	BOBJ1	62	137.74	Before	Right Exterior Girder	13.9	0.95	1	1	5.95106
Type 3S2_serv	BOBJ1	63	137.74	After	Left Exterior Girder	13.9	0.95	1	1	5.900601
Type 3S2_serv	BOBJ1	63	137.74	After	Interior Girder 1	13.9	0.95	1	1	6.025932
Type 3S2_serv	BOBJ1	63	137.74	After	Interior Girder 2	13.9	0.95	1	1	5.821369
Type 3S2_serv	BOBJ1	63	137.74	After	Interior Girder 3	13.9	0.95	1	1	6.058341
Type 3S2_serv	BOBJ1	63	137.74	After	Interior Girder 4	13.9	0.95	1	1	6.058341
Type 3S2_serv	BOBJ1	63	137.74	After	Interior Girder 5	13.9	0.95	1	1	5.821369
Type 3S2_serv	BOBJ1	63	137.74	After	Interior Girder 6	13.9	0.95	1	1	6.025932
Type 3S2_serv	BOBJ1	63	137.74	After	Right Exterior Girder	13.9	0.95	1	1	5.900601
Type 3S2_serv	BOBJ1	64	143.7733	Before	Left Exterior Girder	19.9333	0.95	1	1	6.34918
Type 3S2_serv	BOBJ1	64	143.7733	Before	Interior Girder 1	19.9333	0.95	1	1	4.940863
Type 3S2_serv	BOBJ1	64	143.7733	Before	Interior Girder 2	19.9333	0.95	1	1	4.594818
Type 3S2_serv	BOBJ1	64	143.7733	Before	Interior Girder 3	19.9333	0.95	1	1	4.44382
Type 3S2_serv	BOBJ1	64	143.7733	Before	Interior Girder 4	19.9333	0.95	1	1	4.44382
Type 3S2_serv	BOBJ1	64	143.7733	Before	Interior Girder 5	19.9333	0.95	1	1	4.594818
Type 3S2_serv	BOBJ1	64	143.7733	Before	Interior Girder 6	19.9333	0.95	1	1	4.940863
Type 3S2_serv	BOBJ1	64	143.7733	Before	Right Exterior Girder	19.9333	0.95	1	1	6.34918
Type 3S2_serv	BOBJ1	65	143.7733	After	Left Exterior Girder	19.9333	0.95	1	1	6.479077
Type 3S2_serv	BOBJ1	65	143.7733	After	Interior Girder 1	19.9333	0.95	1	1	4.873573
Type 3S2_serv	BOBJ1	65	143.7733	After	Interior Girder 2	19.9333	0.95	1	1	4.593729
Type 3S2_serv	BOBJ1	65	143.7733	After	Interior Girder 3	19.9333	0.95	1	1	4.507286
Type 3S2_serv	BOBJ1	65	143.7733	After	Interior Girder 4	19.9333	0.95	1	1	4.507286
Type 3S2_serv	BOBJ1	65	143.7733	After	Interior Girder 5	19.9333	0.95	1	1	4.593729
Type 3S2_serv	BOBJ1	65	143.7733	After	Interior Girder 6	19.9333	0.95	1	1	4.873573
Type 3S2_serv	BOBJ1	65	143.7733	After	Right Exterior Girder	19.9333	0.95	1	1	6.479077
Type 3S2_serv	BOBJ1	66	149.8067	Before	Left Exterior Girder	25.9667	0.95	1	1	4.601178
Type 3S2_serv	BOBJ1	66	149.8067	Before	Interior Girder 1	25.9667	0.95	1	1	3.868982
Type 3S2_serv	BOBJ1	66	149.8067	Before	Interior Girder 2	25.9667	0.95	1	1	3.660223
Type 3S2_serv	BOBJ1	66	149.8067	Before	Interior Girder 3	25.9667	0.95	1	1	3.57329
Type 3S2_serv	BOBJ1	66	149.8067	Before	Interior Girder 4	25.9667	0.95	1	1	3.57329
Type 3S2_serv	BOBJ1	66	149.8067	Before	Interior Girder 5	25.9667	0.95	1	1	3.660223
Type 3S2_serv	BOBJ1	66	149.8067	Before	Interior Girder 6	25.9667	0.95	1	1	3.868982
Type 3S2_serv	BOBJ1	66	149.8067	Before	Right Exterior Girder	25.9667	0.95	1	1	4.601178
Type 3S2_serv	BOBJ1	67	149.8067	After	Left Exterior Girder	25.9667	0.95	1	1	4.620899
Type 3S2_serv	BOBJ1	67	149.8067	After	Interior Girder 1	25.9667	0.95	1	1	3.862883
Type 3S2_serv	BOBJ1	67	149.8067	After	Interior Girder 2	25.9667	0.95	1	1	3.675756
Type 3S2_serv	BOBJ1	67	149.8067	After	Interior Girder 3	25.9667	0.95	1	1	3.604139
Type 3S2_serv	BOBJ1	67	149.8067	After	Interior Girder 4	25.9667	0.95	1	1	3.604139
Type 3S2_serv	BOBJ1	67	149.8067	After	Interior Girder 5	25.9667	0.95	1	1	3.675756
Type 3S2_serv	BOBJ1	67	149.8067	After	Interior Girder 6	25.9667	0.95	1	1	3.862883
Type 3S2_serv	BOBJ1	67	149.8067	After	Right Exterior Girder	25.9667	0.95	1	1	4.620899
Type 3S2_serv	BOBJ1	68	155.84	Before	Left Exterior Girder	32	0.95	1	1	3.905244
Type 3S2_serv	BOBJ1	68	155.84	Before	Interior Girder 1	32	0.95	1	1	3.715405
Type 3S2_serv	BOBJ1	68	155.84	Before	Interior Girder 2	32	0.95	1	1	3.515024
Type 3S2_serv	BOBJ1	68	155.84	Before	Interior Girder 3	32	0.95	1	1	3.458726
Type 3S2_serv	BOBJ1	68	155.84	Before	Interior Girder 4	32	0.95	1	1	3.458726
Type 3S2_serv	BOBJ1	68	155.84	Before	Interior Girder 5	32	0.95	1	1	3.515024
Type 3S2_serv	BOBJ1	68	155.84	Before	Interior Girder 6	32	0.95	1	1	3.715405
Type 3S2_serv	BOBJ1	68	155.84	Before	Right Exterior Girder	32	0.95	1	1	3.905244
Type 3S2_serv	BOBJ1	69	155.84	After	Left Exterior Girder	32	0.95	1	1	3.930445
Type 3S2_serv	BOBJ1	69	155.84	After	Interior Girder 1	32	0.95	1	1	3.693355

TABLE: Bridge Super Rating AASHTORATE18 31 - SteelICompServ-Flx - Approach, Span 12-15										
Request	BridgeObj	BridgeCut	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	Unitless	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Type 3S2_serv	BOBJ1	69	155.84	After	Interior Girder 2	32	0.95	1	1	3.506022
Type 3S2_serv	BOBJ1	69	155.84	After	Interior Girder 3	32	0.95	1	1	3.448585
Type 3S2_serv	BOBJ1	69	155.84	After	Interior Girder 4	32	0.95	1	1	3.448585
Type 3S2_serv	BOBJ1	69	155.84	After	Interior Girder 5	32	0.95	1	1	3.506022
Type 3S2_serv	BOBJ1	69	155.84	After	Interior Girder 6	32	0.95	1	1	3.693355
Type 3S2_serv	BOBJ1	69	155.84	After	Right Exterior Girder	32	0.95	1	1	3.930445
Type 3S2_serv	BOBJ1	70	161.8733	Before	Left Exterior Girder	38.0333	0.95	1	1	4.200766
Type 3S2_serv	BOBJ1	70	161.8733	Before	Interior Girder 1	38.0333	0.95	1	1	3.601469
Type 3S2_serv	BOBJ1	70	161.8733	Before	Interior Girder 2	38.0333	0.95	1	1	3.432184
Type 3S2_serv	BOBJ1	70	161.8733	Before	Interior Girder 3	38.0333	0.95	1	1	3.348207
Type 3S2_serv	BOBJ1	70	161.8733	Before	Interior Girder 4	38.0333	0.95	1	1	3.348207
Type 3S2_serv	BOBJ1	70	161.8733	Before	Interior Girder 5	38.0333	0.95	1	1	3.432184
Type 3S2_serv	BOBJ1	70	161.8733	Before	Interior Girder 6	38.0333	0.95	1	1	3.601469
Type 3S2_serv	BOBJ1	70	161.8733	Before	Right Exterior Girder	38.0333	0.95	1	1	4.200766
Type 3S2_serv	BOBJ1	71	161.8733	After	Left Exterior Girder	38.0333	0.95	1	1	4.20118
Type 3S2_serv	BOBJ1	71	161.8733	After	Interior Girder 1	38.0333	0.95	1	1	3.594576
Type 3S2_serv	BOBJ1	71	161.8733	After	Interior Girder 2	38.0333	0.95	1	1	3.421166
Type 3S2_serv	BOBJ1	71	161.8733	After	Interior Girder 3	38.0333	0.95	1	1	3.341363
Type 3S2_serv	BOBJ1	71	161.8733	After	Interior Girder 4	38.0333	0.95	1	1	3.341363
Type 3S2_serv	BOBJ1	71	161.8733	After	Interior Girder 5	38.0333	0.95	1	1	3.421166
Type 3S2_serv	BOBJ1	71	161.8733	After	Interior Girder 6	38.0333	0.95	1	1	3.594576
Type 3S2_serv	BOBJ1	71	161.8733	After	Right Exterior Girder	38.0333	0.95	1	1	4.20118
Type 3S2_serv	BOBJ1	72	167.9067	Before	Left Exterior Girder	44.0667	0.95	1	1	5.188727
Type 3S2_serv	BOBJ1	72	167.9067	Before	Interior Girder 1	44.0667	0.95	1	1	4.169211
Type 3S2_serv	BOBJ1	72	167.9067	Before	Interior Girder 2	44.0667	0.95	1	1	3.916181
Type 3S2_serv	BOBJ1	72	167.9067	Before	Interior Girder 3	44.0667	0.95	1	1	3.835113
Type 3S2_serv	BOBJ1	72	167.9067	Before	Interior Girder 4	44.0667	0.95	1	1	3.835113
Type 3S2_serv	BOBJ1	72	167.9067	Before	Interior Girder 5	44.0667	0.95	1	1	3.916181
Type 3S2_serv	BOBJ1	72	167.9067	Before	Interior Girder 6	44.0667	0.95	1	1	4.169211
Type 3S2_serv	BOBJ1	72	167.9067	Before	Right Exterior Girder	44.0667	0.95	1	1	5.188727
Type 3S2_serv	BOBJ1	73	167.9067	After	Left Exterior Girder	44.0667	0.95	1	1	5.08542
Type 3S2_serv	BOBJ1	73	167.9067	After	Interior Girder 1	44.0667	0.95	1	1	4.21366
Type 3S2_serv	BOBJ1	73	167.9067	After	Interior Girder 2	44.0667	0.95	1	1	3.922603
Type 3S2_serv	BOBJ1	73	167.9067	After	Interior Girder 3	44.0667	0.95	1	1	3.802178
Type 3S2_serv	BOBJ1	73	167.9067	After	Interior Girder 4	44.0667	0.95	1	1	3.802178
Type 3S2_serv	BOBJ1	73	167.9067	After	Interior Girder 5	44.0667	0.95	1	1	3.922603
Type 3S2_serv	BOBJ1	73	167.9067	After	Interior Girder 6	44.0667	0.95	1	1	4.21366
Type 3S2_serv	BOBJ1	73	167.9067	After	Right Exterior Girder	44.0667	0.95	1	1	5.08542
Type 3S2_serv	BOBJ1	74	173.94	Before	Left Exterior Girder	50.1	0.95	1	1	7.411933
Type 3S2_serv	BOBJ1	74	173.94	Before	Interior Girder 1	50.1	0.95	1	1	6.159468
Type 3S2_serv	BOBJ1	74	173.94	Before	Interior Girder 2	50.1	0.95	1	1	5.582565
Type 3S2_serv	BOBJ1	74	173.94	Before	Interior Girder 3	50.1	0.95	1	1	5.517109
Type 3S2_serv	BOBJ1	74	173.94	Before	Interior Girder 4	50.1	0.95	1	1	5.517109
Type 3S2_serv	BOBJ1	74	173.94	Before	Interior Girder 5	50.1	0.95	1	1	5.582565
Type 3S2_serv	BOBJ1	74	173.94	Before	Interior Girder 6	50.1	0.95	1	1	6.159468
Type 3S2_serv	BOBJ1	74	173.94	Before	Right Exterior Girder	50.1	0.95	1	1	7.411933
Type 3S2_serv	BOBJ1	75	173.94	After	Left Exterior Girder	50.1	0.95	1	1	7.381144
Type 3S2_serv	BOBJ1	75	173.94	After	Interior Girder 1	50.1	0.95	1	1	6.20471
Type 3S2_serv	BOBJ1	75	173.94	After	Interior Girder 2	50.1	0.95	1	1	5.557241
Type 3S2_serv	BOBJ1	75	173.94	After	Interior Girder 3	50.1	0.95	1	1	5.398555
Type 3S2_serv	BOBJ1	75	173.94	After	Interior Girder 4	50.1	0.95	1	1	5.398555
Type 3S2_serv	BOBJ1	75	173.94	After	Interior Girder 5	50.1	0.95	1	1	5.557241
Type 3S2_serv	BOBJ1	75	173.94	After	Interior Girder 6	50.1	0.95	1	1	6.20471
Type 3S2_serv	BOBJ1	75	173.94	After	Right Exterior Girder	50.1	0.95	1	1	7.381144
Type 3S2_serv	BOBJ1	76	179.98	Before	Left Exterior Girder	56.14	0.95	1	1	7.13024
Type 3S2_serv	BOBJ1	76	179.98	Before	Interior Girder 1	56.14	0.95	1	1	7.149208
Type 3S2_serv	BOBJ1	76	179.98	Before	Interior Girder 2	56.14	0.95	1	1	6.741658
Type 3S2_serv	BOBJ1	76	179.98	Before	Interior Girder 3	56.14	0.95	1	1	6.696493
Type 3S2_serv	BOBJ1	76	179.98	Before	Interior Girder 4	56.14	0.95	1	1	6.696493
Type 3S2_serv	BOBJ1	76	179.98	Before	Interior Girder 5	56.14	0.95	1	1	6.741658
Type 3S2_serv	BOBJ1	76	179.98	Before	Interior Girder 6	56.14	0.95	1	1	7.149208
Type 3S2_serv	BOBJ1	76	179.98	Before	Right Exterior Girder	56.14	0.95	1	1	7.13024
Type 3S2_serv	BOBJ1	77	179.98	After	Left Exterior Girder	56.14	0.95	1	1	7.193898
Type 3S2_serv	BOBJ1	77	179.98	After	Interior Girder 1	56.14	0.95	1	1	7.099424
Type 3S2_serv	BOBJ1	77	179.98	After	Interior Girder 2	56.14	0.95	1	1	6.636512
Type 3S2_serv	BOBJ1	77	179.98	After	Interior Girder 3	56.14	0.95	1	1	6.611488
Type 3S2_serv	BOBJ1	77	179.98	After	Interior Girder 4	56.14	0.95	1	1	6.611488
Type 3S2_serv	BOBJ1	77	179.98	After	Interior Girder 5	56.14	0.95	1	1	6.636512
Type 3S2_serv	BOBJ1	77	179.98	After	Interior Girder 6	56.14	0.95	1	1	7.099424
Type 3S2_serv	BOBJ1	77	179.98	After	Right Exterior Girder	56.14	0.95	1	1	7.193898
Type 3S2_serv	BOBJ1	78	183.56	Before	Left Exterior Girder	59.72	0.95	1	1	5.777012
Type 3S2_serv	BOBJ1	78	183.56	Before	Right Exterior Girder	59.72	0.95	1	1	5.777012
Type 3S2_serv	BOBJ1	79	183.56	After	Left Exterior Girder	59.72	0.95	1	1	13.124188

TABLE: Bridge Super Rating AASHTORATE18 31 - SteelCompServ-Flx - Approach, Span 12-15										
Request	BridgeObj	BridgeCut	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	Unitless	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Type 3S2_serv	BOBJ1	79	183.56	After	Right Exterior Girder	59.72	0.95	1	1	13.124188
Type 3S2_serv	BOBJ1	80	186.02	Before	Left Exterior Girder	62.18	0.95	1	1	11.864275
Type 3S2_serv	BOBJ1	80	186.02	Before	Interior Girder 1	62.22	0.95	1	1	5.187545
Type 3S2_serv	BOBJ1	80	186.02	Before	Interior Girder 2	62.22	0.95	1	1	4.895023
Type 3S2_serv	BOBJ1	80	186.02	Before	Interior Girder 3	62.22	0.95	1	1	4.523679
Type 3S2_serv	BOBJ1	80	186.02	Before	Interior Girder 4	62.22	0.95	1	1	4.523679
Type 3S2_serv	BOBJ1	80	186.02	Before	Interior Girder 5	62.22	0.95	1	1	4.895023
Type 3S2_serv	BOBJ1	80	186.02	Before	Interior Girder 6	62.22	0.95	1	1	5.187545
Type 3S2_serv	BOBJ1	80	186.02	Before	Right Exterior Girder	62.18	0.95	1	1	11.864275
Type 3S2_serv	BOBJ1	81	186.02	After	Left Exterior Girder	62.18	0.95	1	1	11.960764
Type 3S2_serv	BOBJ1	81	186.02	After	Interior Girder 1	62.22	0.95	1	1	8.130296
Type 3S2_serv	BOBJ1	81	186.02	After	Interior Girder 2	62.22	0.95	1	1	7.48697
Type 3S2_serv	BOBJ1	81	186.02	After	Interior Girder 3	62.22	0.95	1	1	6.991858
Type 3S2_serv	BOBJ1	81	186.02	After	Interior Girder 4	62.22	0.95	1	1	6.991858
Type 3S2_serv	BOBJ1	81	186.02	After	Interior Girder 5	62.22	0.95	1	1	7.48697
Type 3S2_serv	BOBJ1	81	186.02	After	Interior Girder 6	62.22	0.95	1	1	8.130296
Type 3S2_serv	BOBJ1	81	186.02	After	Right Exterior Girder	62.18	0.95	1	1	11.960764
Type 3S2_serv	BOBJ1	82	192.06	Before	Left Exterior Girder	68.22	0.95	1	1	5.989059
Type 3S2_serv	BOBJ1	82	192.06	Before	Interior Girder 1	68.22	0.95	1	1	3.774681
Type 3S2_serv	BOBJ1	82	192.06	Before	Interior Girder 2	68.22	0.95	1	1	3.576761
Type 3S2_serv	BOBJ1	82	192.06	Before	Interior Girder 3	68.22	0.95	1	1	3.007325
Type 3S2_serv	BOBJ1	82	192.06	Before	Interior Girder 4	68.22	0.95	1	1	3.007325
Type 3S2_serv	BOBJ1	82	192.06	Before	Interior Girder 5	68.22	0.95	1	1	3.576761
Type 3S2_serv	BOBJ1	82	192.06	Before	Interior Girder 6	68.22	0.95	1	1	3.774681
Type 3S2_serv	BOBJ1	82	192.06	Before	Right Exterior Girder	68.22	0.95	1	1	5.989059
Type 3S2_serv	BOBJ1	83	192.06	After	Left Exterior Girder	0	0.95	1	1	5.70031
Type 3S2_serv	BOBJ1	83	192.06	After	Interior Girder 1	0	0.95	1	1	3.894264
Type 3S2_serv	BOBJ1	83	192.06	After	Interior Girder 2	0	0.95	1	1	3.632518
Type 3S2_serv	BOBJ1	83	192.06	After	Interior Girder 3	0	0.95	1	1	3.00681
Type 3S2_serv	BOBJ1	83	192.06	After	Interior Girder 4	0	0.95	1	1	3.00681
Type 3S2_serv	BOBJ1	83	192.06	After	Interior Girder 5	0	0.95	1	1	3.632518
Type 3S2_serv	BOBJ1	83	192.06	After	Interior Girder 6	0	0.95	1	1	3.894264
Type 3S2_serv	BOBJ1	83	192.06	After	Right Exterior Girder	0	0.95	1	1	5.70031
Type 3S2_serv	BOBJ1	84	197.087	Before	Interior Girder 1	5.027	0.95	1	1	5.423763
Type 3S2_serv	BOBJ1	84	197.087	Before	Interior Girder 2	5.027	0.95	1	1	5.095923
Type 3S2_serv	BOBJ1	84	197.087	Before	Interior Girder 3	5.027	0.95	1	1	5.004978
Type 3S2_serv	BOBJ1	84	197.087	Before	Interior Girder 4	5.027	0.95	1	1	5.004978
Type 3S2_serv	BOBJ1	84	197.087	Before	Interior Girder 5	5.027	0.95	1	1	5.095923
Type 3S2_serv	BOBJ1	84	197.087	Before	Interior Girder 6	5.027	0.95	1	1	5.423763
Type 3S2_serv	BOBJ1	85	197.087	After	Interior Girder 1	5.027	0.95	1	1	3.455242
Type 3S2_serv	BOBJ1	85	197.087	After	Interior Girder 2	5.027	0.95	1	1	3.248615
Type 3S2_serv	BOBJ1	85	197.087	After	Interior Girder 3	5.027	0.95	1	1	3.172596
Type 3S2_serv	BOBJ1	85	197.087	After	Interior Girder 4	5.027	0.95	1	1	3.172596
Type 3S2_serv	BOBJ1	85	197.087	After	Interior Girder 5	5.027	0.95	1	1	3.248615
Type 3S2_serv	BOBJ1	85	197.087	After	Interior Girder 6	5.027	0.95	1	1	3.455242
Type 3S2_serv	BOBJ1	86	197.91	Before	Left Exterior Girder	5.85	0.95	1	1	7.575438
Type 3S2_serv	BOBJ1	86	197.91	Before	Interior Girder 1	5.85	0.95	1	1	3.625207
Type 3S2_serv	BOBJ1	86	197.91	Before	Interior Girder 2	5.85	0.95	1	1	3.385998
Type 3S2_serv	BOBJ1	86	197.91	Before	Interior Girder 3	5.85	0.95	1	1	3.363555
Type 3S2_serv	BOBJ1	86	197.91	Before	Interior Girder 4	5.85	0.95	1	1	3.363555
Type 3S2_serv	BOBJ1	86	197.91	Before	Interior Girder 5	5.85	0.95	1	1	3.385998
Type 3S2_serv	BOBJ1	86	197.91	Before	Interior Girder 6	5.85	0.95	1	1	3.625207
Type 3S2_serv	BOBJ1	86	197.91	Before	Right Exterior Girder	5.85	0.95	1	1	7.575438
Type 3S2_serv	BOBJ1	87	197.91	After	Left Exterior Girder	5.85	0.95	1	1	7.616727
Type 3S2_serv	BOBJ1	87	197.91	After	Interior Girder 1	5.85	0.95	1	1	3.629564
Type 3S2_serv	BOBJ1	87	197.91	After	Interior Girder 2	5.85	0.95	1	1	3.410794
Type 3S2_serv	BOBJ1	87	197.91	After	Interior Girder 3	5.85	0.95	1	1	3.365382
Type 3S2_serv	BOBJ1	87	197.91	After	Interior Girder 4	5.85	0.95	1	1	3.365382
Type 3S2_serv	BOBJ1	87	197.91	After	Interior Girder 5	5.85	0.95	1	1	3.410794
Type 3S2_serv	BOBJ1	87	197.91	After	Interior Girder 6	5.85	0.95	1	1	3.629564
Type 3S2_serv	BOBJ1	87	197.91	After	Right Exterior Girder	5.85	0.95	1	1	7.616727
Type 3S2_serv	BOBJ1	88	199.1816	Before	Left Exterior Girder	7.1216	0.95	1	1	8.040577
Type 3S2_serv	BOBJ1	88	199.1816	Before	Right Exterior Girder	7.1216	0.95	1	1	8.040577
Type 3S2_serv	BOBJ1	89	199.1816	After	Left Exterior Girder	7.1216	0.95	1	1	3.460717
Type 3S2_serv	BOBJ1	89	199.1816	After	Right Exterior Girder	7.1216	0.95	1	1	3.460717
Type 3S2_serv	BOBJ1	90	203.5267	Before	Left Exterior Girder	11.3107	0.95	1	1	4.566069
Type 3S2_serv	BOBJ1	90	203.5267	Before	Interior Girder 1	11.3107	0.95	1	1	4.801061
Type 3S2_serv	BOBJ1	90	203.5267	Before	Interior Girder 2	11.3107	0.95	1	1	4.533327
Type 3S2_serv	BOBJ1	90	203.5267	Before	Interior Girder 3	11.3107	0.95	1	1	4.677549
Type 3S2_serv	BOBJ1	90	203.5267	Before	Interior Girder 4	11.3107	0.95	1	1	4.677549
Type 3S2_serv	BOBJ1	90	203.5267	Before	Interior Girder 5	11.3107	0.95	1	1	4.533327
Type 3S2_serv	BOBJ1	90	203.5267	Before	Interior Girder 6	11.3107	0.95	1	1	4.801061
Type 3S2_serv	BOBJ1	90	203.5267	Before	Right Exterior Girder	11.3107	0.95	1	1	4.566069

TABLE: Bridge Super Rating AASHTORATE18 31 - SteelICompServ-Flx - Approach, Span 12-15										
Request	BridgeObj	BridgeCut	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	Unitless	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Type 3S2_serv	BOBJ1	91	203.5267	After	Left Exterior Girder	11.3107	0.95	1	1	7.271797
Type 3S2_serv	BOBJ1	91	203.5267	After	Interior Girder 1	11.3107	0.95	1	1	7.548424
Type 3S2_serv	BOBJ1	91	203.5267	After	Interior Girder 2	11.3107	0.95	1	1	7.207518
Type 3S2_serv	BOBJ1	91	203.5267	After	Interior Girder 3	11.3107	0.95	1	1	7.383804
Type 3S2_serv	BOBJ1	91	203.5267	After	Interior Girder 4	11.3107	0.95	1	1	7.383804
Type 3S2_serv	BOBJ1	91	203.5267	After	Interior Girder 5	11.3107	0.95	1	1	7.207518
Type 3S2_serv	BOBJ1	91	203.5267	After	Interior Girder 6	11.3107	0.95	1	1	7.548424
Type 3S2_serv	BOBJ1	91	203.5267	After	Right Exterior Girder	11.3107	0.95	1	1	7.271797
Type 3S2_serv	BOBJ1	92	209.1433	Before	Left Exterior Girder	17.0833	0.95	1	1	8.738627
Type 3S2_serv	BOBJ1	92	209.1433	Before	Interior Girder 1	17.0833	0.95	1	1	7.205891
Type 3S2_serv	BOBJ1	92	209.1433	Before	Interior Girder 2	17.0833	0.95	1	1	6.650052
Type 3S2_serv	BOBJ1	92	209.1433	Before	Interior Girder 3	17.0833	0.95	1	1	6.454641
Type 3S2_serv	BOBJ1	92	209.1433	Before	Interior Girder 4	17.0833	0.95	1	1	6.454641
Type 3S2_serv	BOBJ1	92	209.1433	Before	Interior Girder 5	17.0833	0.95	1	1	6.650052
Type 3S2_serv	BOBJ1	92	209.1433	Before	Interior Girder 6	17.0833	0.95	1	1	7.205891
Type 3S2_serv	BOBJ1	92	209.1433	Before	Right Exterior Girder	17.0833	0.95	1	1	8.738627
Type 3S2_serv	BOBJ1	93	209.1433	After	Left Exterior Girder	17.0833	0.95	1	1	8.647195
Type 3S2_serv	BOBJ1	93	209.1433	After	Interior Girder 1	17.0833	0.95	1	1	7.234228
Type 3S2_serv	BOBJ1	93	209.1433	After	Interior Girder 2	17.0833	0.95	1	1	6.732755
Type 3S2_serv	BOBJ1	93	209.1433	After	Interior Girder 3	17.0833	0.95	1	1	6.589663
Type 3S2_serv	BOBJ1	93	209.1433	After	Interior Girder 4	17.0833	0.95	1	1	6.589663
Type 3S2_serv	BOBJ1	93	209.1433	After	Interior Girder 5	17.0833	0.95	1	1	6.732755
Type 3S2_serv	BOBJ1	93	209.1433	After	Interior Girder 6	17.0833	0.95	1	1	7.234228
Type 3S2_serv	BOBJ1	93	209.1433	After	Right Exterior Girder	17.0833	0.95	1	1	8.647195
Type 3S2_serv	BOBJ1	94	214.76	Before	Left Exterior Girder	22.7	0.95	1	1	6.536905
Type 3S2_serv	BOBJ1	94	214.76	Before	Interior Girder 1	22.7	0.95	1	1	5.842239
Type 3S2_serv	BOBJ1	94	214.76	Before	Interior Girder 2	22.7	0.95	1	1	5.414748
Type 3S2_serv	BOBJ1	94	214.76	Before	Interior Girder 3	22.7	0.95	1	1	5.272889
Type 3S2_serv	BOBJ1	94	214.76	Before	Interior Girder 4	22.7	0.95	1	1	5.272889
Type 3S2_serv	BOBJ1	94	214.76	Before	Interior Girder 5	22.7	0.95	1	1	5.414748
Type 3S2_serv	BOBJ1	94	214.76	Before	Interior Girder 6	22.7	0.95	1	1	5.842239
Type 3S2_serv	BOBJ1	94	214.76	Before	Right Exterior Girder	22.7	0.95	1	1	6.536905
Type 3S2_serv	BOBJ1	95	214.76	After	Left Exterior Girder	22.7	0.95	1	1	6.549431
Type 3S2_serv	BOBJ1	95	214.76	After	Interior Girder 1	22.7	0.95	1	1	5.816759
Type 3S2_serv	BOBJ1	95	214.76	After	Interior Girder 2	22.7	0.95	1	1	5.421887
Type 3S2_serv	BOBJ1	95	214.76	After	Interior Girder 3	22.7	0.95	1	1	5.298092
Type 3S2_serv	BOBJ1	95	214.76	After	Interior Girder 4	22.7	0.95	1	1	5.298092
Type 3S2_serv	BOBJ1	95	214.76	After	Interior Girder 5	22.7	0.95	1	1	5.421887
Type 3S2_serv	BOBJ1	95	214.76	After	Interior Girder 6	22.7	0.95	1	1	5.816759
Type 3S2_serv	BOBJ1	95	214.76	After	Right Exterior Girder	22.7	0.95	1	1	6.549431
Type 3S2_serv	BOBJ1	96	220.3767	Before	Left Exterior Girder	28.3167	0.95	1	1	6.20447
Type 3S2_serv	BOBJ1	96	220.3767	Before	Interior Girder 1	28.3167	0.95	1	1	5.073028
Type 3S2_serv	BOBJ1	96	220.3767	Before	Interior Girder 2	28.3167	0.95	1	1	4.786187
Type 3S2_serv	BOBJ1	96	220.3767	Before	Interior Girder 3	28.3167	0.95	1	1	4.595233
Type 3S2_serv	BOBJ1	96	220.3767	Before	Interior Girder 4	28.3167	0.95	1	1	4.595233
Type 3S2_serv	BOBJ1	96	220.3767	Before	Interior Girder 5	28.3167	0.95	1	1	4.786187
Type 3S2_serv	BOBJ1	96	220.3767	Before	Interior Girder 6	28.3167	0.95	1	1	5.073028
Type 3S2_serv	BOBJ1	96	220.3767	Before	Right Exterior Girder	28.3167	0.95	1	1	6.20447
Type 3S2_serv	BOBJ1	97	220.3767	After	Left Exterior Girder	28.3167	0.95	1	1	6.251355
Type 3S2_serv	BOBJ1	97	220.3767	After	Interior Girder 1	28.3167	0.95	1	1	5.063619
Type 3S2_serv	BOBJ1	97	220.3767	After	Interior Girder 2	28.3167	0.95	1	1	4.788991
Type 3S2_serv	BOBJ1	97	220.3767	After	Interior Girder 3	28.3167	0.95	1	1	4.617277
Type 3S2_serv	BOBJ1	97	220.3767	After	Interior Girder 4	28.3167	0.95	1	1	4.617277
Type 3S2_serv	BOBJ1	97	220.3767	After	Interior Girder 5	28.3167	0.95	1	1	4.788991
Type 3S2_serv	BOBJ1	97	220.3767	After	Interior Girder 6	28.3167	0.95	1	1	5.063619
Type 3S2_serv	BOBJ1	97	220.3767	After	Right Exterior Girder	28.3167	0.95	1	1	6.251355
Type 3S2_serv	BOBJ1	98	225.9933	Before	Left Exterior Girder	33.9333	0.95	1	1	5.848277
Type 3S2_serv	BOBJ1	98	225.9933	Before	Interior Girder 1	33.9333	0.95	1	1	4.738278
Type 3S2_serv	BOBJ1	98	225.9933	Before	Interior Girder 2	33.9333	0.95	1	1	4.495243
Type 3S2_serv	BOBJ1	98	225.9933	Before	Interior Girder 3	33.9333	0.95	1	1	4.358834
Type 3S2_serv	BOBJ1	98	225.9933	Before	Interior Girder 4	33.9333	0.95	1	1	4.358834
Type 3S2_serv	BOBJ1	98	225.9933	Before	Interior Girder 5	33.9333	0.95	1	1	4.495243
Type 3S2_serv	BOBJ1	98	225.9933	Before	Interior Girder 6	33.9333	0.95	1	1	4.738278
Type 3S2_serv	BOBJ1	98	225.9933	Before	Right Exterior Girder	33.9333	0.95	1	1	5.848277
Type 3S2_serv	BOBJ1	99	225.9933	After	Left Exterior Girder	33.9333	0.95	1	1	5.798011
Type 3S2_serv	BOBJ1	99	225.9933	After	Interior Girder 1	33.9333	0.95	1	1	4.764623
Type 3S2_serv	BOBJ1	99	225.9933	After	Interior Girder 2	33.9333	0.95	1	1	4.496737
Type 3S2_serv	BOBJ1	99	225.9933	After	Interior Girder 3	33.9333	0.95	1	1	4.357678
Type 3S2_serv	BOBJ1	99	225.9933	After	Interior Girder 4	33.9333	0.95	1	1	4.357678
Type 3S2_serv	BOBJ1	99	225.9933	After	Interior Girder 5	33.9333	0.95	1	1	4.496737
Type 3S2_serv	BOBJ1	99	225.9933	After	Interior Girder 6	33.9333	0.95	1	1	4.764623
Type 3S2_serv	BOBJ1	99	225.9933	After	Right Exterior Girder	33.9333	0.95	1	1	5.798011
Type 3S2_serv	BOBJ1	100	231.61	Before	Left Exterior Girder	39.55	0.95	1	1	6.154203

TABLE: Bridge Super Rating AASHTORATE18 31 - SteelICompServ-Flx - Approach, Span 12-15										
Request	BridgeObj	BridgeCut	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	Unitless	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Type 3S2_serv	BOBJ1	100	231.61	Before	Interior Girder 1	39.55	0.95	1	1	5.194774
Type 3S2_serv	BOBJ1	100	231.61	Before	Interior Girder 2	39.55	0.95	1	1	4.889776
Type 3S2_serv	BOBJ1	100	231.61	Before	Interior Girder 3	39.55	0.95	1	1	4.72605
Type 3S2_serv	BOBJ1	100	231.61	Before	Interior Girder 4	39.55	0.95	1	1	4.72605
Type 3S2_serv	BOBJ1	100	231.61	Before	Interior Girder 5	39.55	0.95	1	1	4.889776
Type 3S2_serv	BOBJ1	100	231.61	Before	Interior Girder 6	39.55	0.95	1	1	5.194774
Type 3S2_serv	BOBJ1	100	231.61	Before	Right Exterior Girder	39.55	0.95	1	1	6.154203
Type 3S2_serv	BOBJ1	101	231.61	After	Left Exterior Girder	39.55	0.95	1	1	6.126848
Type 3S2_serv	BOBJ1	101	231.61	After	Interior Girder 1	39.55	0.95	1	1	5.204208
Type 3S2_serv	BOBJ1	101	231.61	After	Interior Girder 2	39.55	0.95	1	1	4.853457
Type 3S2_serv	BOBJ1	101	231.61	After	Interior Girder 3	39.55	0.95	1	1	4.667941
Type 3S2_serv	BOBJ1	101	231.61	After	Interior Girder 4	39.55	0.95	1	1	4.667941
Type 3S2_serv	BOBJ1	101	231.61	After	Interior Girder 5	39.55	0.95	1	1	4.853457
Type 3S2_serv	BOBJ1	101	231.61	After	Interior Girder 6	39.55	0.95	1	1	5.204208
Type 3S2_serv	BOBJ1	101	231.61	After	Right Exterior Girder	39.55	0.95	1	1	6.126848
Type 3S2_serv	BOBJ1	102	237.37	Before	Left Exterior Girder	45.31	0.95	1	1	8.423707
Type 3S2_serv	BOBJ1	102	237.37	Before	Interior Girder 1	45.31	0.95	1	1	6.446992
Type 3S2_serv	BOBJ1	102	237.37	Before	Interior Girder 2	45.31	0.95	1	1	6.107795
Type 3S2_serv	BOBJ1	102	237.37	Before	Interior Girder 3	45.31	0.95	1	1	5.77109
Type 3S2_serv	BOBJ1	102	237.37	Before	Interior Girder 4	45.31	0.95	1	1	5.77109
Type 3S2_serv	BOBJ1	102	237.37	Before	Interior Girder 5	45.31	0.95	1	1	6.107795
Type 3S2_serv	BOBJ1	102	237.37	Before	Interior Girder 6	45.31	0.95	1	1	6.446992
Type 3S2_serv	BOBJ1	102	237.37	Before	Right Exterior Girder	45.31	0.95	1	1	8.423707
Type 3S2_serv	BOBJ1	103	237.37	After	Left Exterior Girder	45.31	0.95	1	1	8.495278
Type 3S2_serv	BOBJ1	103	237.37	After	Interior Girder 1	45.31	0.95	1	1	6.429499
Type 3S2_serv	BOBJ1	103	237.37	After	Interior Girder 2	45.31	0.95	1	1	5.995577
Type 3S2_serv	BOBJ1	103	237.37	After	Interior Girder 3	45.31	0.95	1	1	5.631686
Type 3S2_serv	BOBJ1	103	237.37	After	Interior Girder 4	45.31	0.95	1	1	5.631686
Type 3S2_serv	BOBJ1	103	237.37	After	Interior Girder 5	45.31	0.95	1	1	5.995577
Type 3S2_serv	BOBJ1	103	237.37	After	Interior Girder 6	45.31	0.95	1	1	6.429499
Type 3S2_serv	BOBJ1	103	237.37	After	Right Exterior Girder	45.31	0.95	1	1	8.495278
Type 3S2_serv	BOBJ1	104	243.13	Before	Left Exterior Girder	51.07	0.95	1	1	14.590053
Type 3S2_serv	BOBJ1	104	243.13	Before	Interior Girder 1	51.07	0.95	1	1	10.221866
Type 3S2_serv	BOBJ1	104	243.13	Before	Interior Girder 2	51.07	0.95	1	1	9.758752
Type 3S2_serv	BOBJ1	104	243.13	Before	Interior Girder 3	51.07	0.95	1	1	8.802545
Type 3S2_serv	BOBJ1	104	243.13	Before	Interior Girder 4	51.07	0.95	1	1	8.802545
Type 3S2_serv	BOBJ1	104	243.13	Before	Interior Girder 5	51.07	0.95	1	1	9.758752
Type 3S2_serv	BOBJ1	104	243.13	Before	Interior Girder 6	51.07	0.95	1	1	10.221866
Type 3S2_serv	BOBJ1	104	243.13	Before	Right Exterior Girder	51.07	0.95	1	1	14.590053
Type 3S2_serv	BOBJ1	105	243.13	After	Left Exterior Girder	51.07	0.95	1	1	14.370805
Type 3S2_serv	BOBJ1	105	243.13	After	Interior Girder 1	51.07	0.95	1	1	10.170042
Type 3S2_serv	BOBJ1	105	243.13	After	Interior Girder 2	51.07	0.95	1	1	9.528413
Type 3S2_serv	BOBJ1	105	243.13	After	Interior Girder 3	51.07	0.95	1	1	8.387839
Type 3S2_serv	BOBJ1	105	243.13	After	Interior Girder 4	51.07	0.95	1	1	8.387839
Type 3S2_serv	BOBJ1	105	243.13	After	Interior Girder 5	51.07	0.95	1	1	9.528413
Type 3S2_serv	BOBJ1	105	243.13	After	Interior Girder 6	51.07	0.95	1	1	10.170042
Type 3S2_serv	BOBJ1	105	243.13	After	Right Exterior Girder	51.07	0.95	1	1	14.370805
Type 3S2_serv	BOBJ1	106	248.89	Before	Left Exterior Girder	56.83	0.95	1	1	687.067092
Type 3S2_serv	BOBJ1	106	248.89	Before	Interior Girder 1	56.83	0.95	1	1	563.0295
Type 3S2_serv	BOBJ1	106	248.89	Before	Interior Girder 2	56.83	0.95	1	1	358.424636
Type 3S2_serv	BOBJ1	106	248.89	Before	Interior Girder 3	56.83	0.95	1	1	278.222523
Type 3S2_serv	BOBJ1	106	248.89	Before	Interior Girder 4	56.83	0.95	1	1	278.222523
Type 3S2_serv	BOBJ1	106	248.89	Before	Interior Girder 5	56.83	0.95	1	1	358.424636
Type 3S2_serv	BOBJ1	106	248.89	Before	Interior Girder 6	56.83	0.95	1	1	563.0295
Type 3S2_serv	BOBJ1	106	248.89	Before	Right Exterior Girder	56.83	0.95	1	1	687.067092
Type 3-3_serv	BOBJ1	1	0	After	Left Exterior Girder	0	0.95	1	1	508.052538
Type 3-3_serv	BOBJ1	1	0	After	Interior Girder 1	0	0.95	1	1	380.750897
Type 3-3_serv	BOBJ1	1	0	After	Interior Girder 2	0	0.95	1	1	261.645574
Type 3-3_serv	BOBJ1	1	0	After	Interior Girder 3	0	0.95	1	1	209.301374
Type 3-3_serv	BOBJ1	1	0	After	Interior Girder 4	0	0.95	1	1	209.301374
Type 3-3_serv	BOBJ1	1	0	After	Interior Girder 5	0	0.95	1	1	261.645573
Type 3-3_serv	BOBJ1	1	0	After	Interior Girder 6	0	0.95	1	1	380.750897
Type 3-3_serv	BOBJ1	1	0	After	Right Exterior Girder	0	0.95	1	1	508.052538
Type 3-3_serv	BOBJ1	2	5.85	Before	Left Exterior Girder	5.85	0.95	1	1	12.438301
Type 3-3_serv	BOBJ1	2	5.85	Before	Interior Girder 1	5.85	0.95	1	1	9.519704
Type 3-3_serv	BOBJ1	2	5.85	Before	Interior Girder 2	5.85	0.95	1	1	8.772479
Type 3-3_serv	BOBJ1	2	5.85	Before	Interior Girder 3	5.85	0.95	1	1	7.889119
Type 3-3_serv	BOBJ1	2	5.85	Before	Interior Girder 4	5.85	0.95	1	1	7.889119
Type 3-3_serv	BOBJ1	2	5.85	Before	Interior Girder 5	5.85	0.95	1	1	8.772479
Type 3-3_serv	BOBJ1	2	5.85	Before	Interior Girder 6	5.85	0.95	1	1	9.519704
Type 3-3_serv	BOBJ1	2	5.85	Before	Right Exterior Girder	5.85	0.95	1	1	12.438301
Type 3-3_serv	BOBJ1	3	5.85	After	Left Exterior Girder	5.85	0.95	1	1	12.67286
Type 3-3_serv	BOBJ1	3	5.85	After	Interior Girder 1	5.85	0.95	1	1	9.487411

TABLE: Bridge Super Rating AASHTORATE18 31 - SteelICompServ-Flx - Approach, Span 12-15										
Request	BridgeObj	BridgeCut	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	Unitless	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Type 3-3_serv	BOBJ1	3	5.85	After	Interior Girder 2	5.85	0.95	1	1	8.922584
Type 3-3_serv	BOBJ1	3	5.85	After	Interior Girder 3	5.85	0.95	1	1	8.244824
Type 3-3_serv	BOBJ1	3	5.85	After	Interior Girder 4	5.85	0.95	1	1	8.244824
Type 3-3_serv	BOBJ1	3	5.85	After	Interior Girder 5	5.85	0.95	1	1	8.922584
Type 3-3_serv	BOBJ1	3	5.85	After	Interior Girder 6	5.85	0.95	1	1	9.487411
Type 3-3_serv	BOBJ1	3	5.85	After	Right Exterior Girder	5.85	0.95	1	1	12.67286
Type 3-3_serv	BOBJ1	4	11.4667	Before	Left Exterior Girder	11.4667	0.95	1	1	7.387484
Type 3-3_serv	BOBJ1	4	11.4667	Before	Interior Girder 1	11.4667	0.95	1	1	5.647245
Type 3-3_serv	BOBJ1	4	11.4667	Before	Interior Girder 2	11.4667	0.95	1	1	5.288593
Type 3-3_serv	BOBJ1	4	11.4667	Before	Interior Girder 3	11.4667	0.95	1	1	4.998493
Type 3-3_serv	BOBJ1	4	11.4667	Before	Interior Girder 4	11.4667	0.95	1	1	4.998493
Type 3-3_serv	BOBJ1	4	11.4667	Before	Interior Girder 5	11.4667	0.95	1	1	5.288593
Type 3-3_serv	BOBJ1	4	11.4667	Before	Interior Girder 6	11.4667	0.95	1	1	5.647245
Type 3-3_serv	BOBJ1	4	11.4667	Before	Right Exterior Girder	11.4667	0.95	1	1	7.387484
Type 3-3_serv	BOBJ1	5	11.4667	After	Left Exterior Girder	11.4667	0.95	1	1	7.499889
Type 3-3_serv	BOBJ1	5	11.4667	After	Interior Girder 1	11.4667	0.95	1	1	5.605699
Type 3-3_serv	BOBJ1	5	11.4667	After	Interior Girder 2	11.4667	0.95	1	1	5.3515
Type 3-3_serv	BOBJ1	5	11.4667	After	Interior Girder 3	11.4667	0.95	1	1	5.107951
Type 3-3_serv	BOBJ1	5	11.4667	After	Interior Girder 4	11.4667	0.95	1	1	5.107951
Type 3-3_serv	BOBJ1	5	11.4667	After	Interior Girder 5	11.4667	0.95	1	1	5.3515
Type 3-3_serv	BOBJ1	5	11.4667	After	Interior Girder 6	11.4667	0.95	1	1	5.605699
Type 3-3_serv	BOBJ1	5	11.4667	After	Right Exterior Girder	11.4667	0.95	1	1	7.499889
Type 3-3_serv	BOBJ1	6	17.0833	Before	Left Exterior Girder	17.0833	0.95	1	1	5.68429
Type 3-3_serv	BOBJ1	6	17.0833	Before	Interior Girder 1	17.0833	0.95	1	1	4.589961
Type 3-3_serv	BOBJ1	6	17.0833	Before	Interior Girder 2	17.0833	0.95	1	1	4.351183
Type 3-3_serv	BOBJ1	6	17.0833	Before	Interior Girder 3	17.0833	0.95	1	1	4.184684
Type 3-3_serv	BOBJ1	6	17.0833	Before	Interior Girder 4	17.0833	0.95	1	1	4.184684
Type 3-3_serv	BOBJ1	6	17.0833	Before	Interior Girder 5	17.0833	0.95	1	1	4.351183
Type 3-3_serv	BOBJ1	6	17.0833	Before	Interior Girder 6	17.0833	0.95	1	1	4.589961
Type 3-3_serv	BOBJ1	6	17.0833	Before	Right Exterior Girder	17.0833	0.95	1	1	5.68429
Type 3-3_serv	BOBJ1	7	17.0833	After	Left Exterior Girder	17.0833	0.95	1	1	5.690609
Type 3-3_serv	BOBJ1	7	17.0833	After	Interior Girder 1	17.0833	0.95	1	1	4.595778
Type 3-3_serv	BOBJ1	7	17.0833	After	Interior Girder 2	17.0833	0.95	1	1	4.401845
Type 3-3_serv	BOBJ1	7	17.0833	After	Interior Girder 3	17.0833	0.95	1	1	4.24924
Type 3-3_serv	BOBJ1	7	17.0833	After	Interior Girder 4	17.0833	0.95	1	1	4.24924
Type 3-3_serv	BOBJ1	7	17.0833	After	Interior Girder 5	17.0833	0.95	1	1	4.401845
Type 3-3_serv	BOBJ1	7	17.0833	After	Interior Girder 6	17.0833	0.95	1	1	4.595778
Type 3-3_serv	BOBJ1	7	17.0833	After	Right Exterior Girder	17.0833	0.95	1	1	5.690609
Type 3-3_serv	BOBJ1	8	22.7	Before	Left Exterior Girder	22.7	0.95	1	1	5.219665
Type 3-3_serv	BOBJ1	8	22.7	Before	Interior Girder 1	22.7	0.95	1	1	4.66582
Type 3-3_serv	BOBJ1	8	22.7	Before	Interior Girder 2	22.7	0.95	1	1	4.410364
Type 3-3_serv	BOBJ1	8	22.7	Before	Interior Girder 3	22.7	0.95	1	1	4.275601
Type 3-3_serv	BOBJ1	8	22.7	Before	Interior Girder 4	22.7	0.95	1	1	4.275601
Type 3-3_serv	BOBJ1	8	22.7	Before	Interior Girder 5	22.7	0.95	1	1	4.410364
Type 3-3_serv	BOBJ1	8	22.7	Before	Interior Girder 6	22.7	0.95	1	1	4.66582
Type 3-3_serv	BOBJ1	8	22.7	Before	Right Exterior Girder	22.7	0.95	1	1	5.219665
Type 3-3_serv	BOBJ1	9	22.7	After	Left Exterior Girder	22.7	0.95	1	1	5.242917
Type 3-3_serv	BOBJ1	9	22.7	After	Interior Girder 1	22.7	0.95	1	1	4.650847
Type 3-3_serv	BOBJ1	9	22.7	After	Interior Girder 2	22.7	0.95	1	1	4.418333
Type 3-3_serv	BOBJ1	9	22.7	After	Interior Girder 3	22.7	0.95	1	1	4.282061
Type 3-3_serv	BOBJ1	9	22.7	After	Interior Girder 4	22.7	0.95	1	1	4.282061
Type 3-3_serv	BOBJ1	9	22.7	After	Interior Girder 5	22.7	0.95	1	1	4.418333
Type 3-3_serv	BOBJ1	9	22.7	After	Interior Girder 6	22.7	0.95	1	1	4.650847
Type 3-3_serv	BOBJ1	9	22.7	After	Right Exterior Girder	22.7	0.95	1	1	5.242917
Type 3-3_serv	BOBJ1	10	28.3167	Before	Left Exterior Girder	28.3167	0.95	1	1	5.591713
Type 3-3_serv	BOBJ1	10	28.3167	Before	Interior Girder 1	28.3167	0.95	1	1	4.737137
Type 3-3_serv	BOBJ1	10	28.3167	Before	Interior Girder 2	28.3167	0.95	1	1	4.496982
Type 3-3_serv	BOBJ1	10	28.3167	Before	Interior Girder 3	28.3167	0.95	1	1	4.379622
Type 3-3_serv	BOBJ1	10	28.3167	Before	Interior Girder 4	28.3167	0.95	1	1	4.379622
Type 3-3_serv	BOBJ1	10	28.3167	Before	Interior Girder 5	28.3167	0.95	1	1	4.496982
Type 3-3_serv	BOBJ1	10	28.3167	Before	Interior Girder 6	28.3167	0.95	1	1	4.737137
Type 3-3_serv	BOBJ1	10	28.3167	Before	Right Exterior Girder	28.3167	0.95	1	1	5.591713
Type 3-3_serv	BOBJ1	11	28.3167	After	Left Exterior Girder	28.3167	0.95	1	1	5.609255
Type 3-3_serv	BOBJ1	11	28.3167	After	Interior Girder 1	28.3167	0.95	1	1	4.716587
Type 3-3_serv	BOBJ1	11	28.3167	After	Interior Girder 2	28.3167	0.95	1	1	4.471806
Type 3-3_serv	BOBJ1	11	28.3167	After	Interior Girder 3	28.3167	0.95	1	1	4.342615
Type 3-3_serv	BOBJ1	11	28.3167	After	Interior Girder 4	28.3167	0.95	1	1	4.342615
Type 3-3_serv	BOBJ1	11	28.3167	After	Interior Girder 5	28.3167	0.95	1	1	4.471806
Type 3-3_serv	BOBJ1	11	28.3167	After	Interior Girder 6	28.3167	0.95	1	1	4.716587
Type 3-3_serv	BOBJ1	11	28.3167	After	Right Exterior Girder	28.3167	0.95	1	1	5.609255
Type 3-3_serv	BOBJ1	12	33.9333	Before	Left Exterior Girder	33.9333	0.95	1	1	6.819805
Type 3-3_serv	BOBJ1	12	33.9333	Before	Interior Girder 1	33.9333	0.95	1	1	5.406216
Type 3-3_serv	BOBJ1	12	33.9333	Before	Interior Girder 2	33.9333	0.95	1	1	5.103003

TABLE: Bridge Super Rating AASHTORATE18 31 - SteelCompServ-Flx - Approach, Span 12-15										
Request	BridgeObj	BridgeCut	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	Unitless	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Type 3-3_serv	BOBJ1	12	33.9333	Before	Interior Girder 3	33.9333	0.95	1	1	4.950917
Type 3-3_serv	BOBJ1	12	33.9333	Before	Interior Girder 4	33.9333	0.95	1	1	4.950917
Type 3-3_serv	BOBJ1	12	33.9333	Before	Interior Girder 5	33.9333	0.95	1	1	5.103003
Type 3-3_serv	BOBJ1	12	33.9333	Before	Interior Girder 6	33.9333	0.95	1	1	5.406216
Type 3-3_serv	BOBJ1	12	33.9333	Before	Right Exterior Girder	33.9333	0.95	1	1	6.819805
Type 3-3_serv	BOBJ1	13	33.9333	After	Left Exterior Girder	33.9333	0.95	1	1	6.733112
Type 3-3_serv	BOBJ1	13	33.9333	After	Interior Girder 1	33.9333	0.95	1	1	5.444739
Type 3-3_serv	BOBJ1	13	33.9333	After	Interior Girder 2	33.9333	0.95	1	1	5.097984
Type 3-3_serv	BOBJ1	13	33.9333	After	Interior Girder 3	33.9333	0.95	1	1	4.914624
Type 3-3_serv	BOBJ1	13	33.9333	After	Interior Girder 4	33.9333	0.95	1	1	4.914624
Type 3-3_serv	BOBJ1	13	33.9333	After	Interior Girder 5	33.9333	0.95	1	1	5.097984
Type 3-3_serv	BOBJ1	13	33.9333	After	Interior Girder 6	33.9333	0.95	1	1	5.444739
Type 3-3_serv	BOBJ1	13	33.9333	After	Right Exterior Girder	33.9333	0.95	1	1	6.733112
Type 3-3_serv	BOBJ1	14	39.55	Before	Left Exterior Girder	39.55	0.95	1	1	8.266253
Type 3-3_serv	BOBJ1	14	39.55	Before	Interior Girder 1	39.55	0.95	1	1	7.336702
Type 3-3_serv	BOBJ1	14	39.55	Before	Interior Girder 2	39.55	0.95	1	1	6.773377
Type 3-3_serv	BOBJ1	14	39.55	Before	Interior Girder 3	39.55	0.95	1	1	6.645393
Type 3-3_serv	BOBJ1	14	39.55	Before	Interior Girder 4	39.55	0.95	1	1	6.645393
Type 3-3_serv	BOBJ1	14	39.55	Before	Interior Girder 5	39.55	0.95	1	1	6.773377
Type 3-3_serv	BOBJ1	14	39.55	Before	Interior Girder 6	39.55	0.95	1	1	7.336702
Type 3-3_serv	BOBJ1	14	39.55	Before	Right Exterior Girder	39.55	0.95	1	1	8.266253
Type 3-3_serv	BOBJ1	15	39.55	After	Left Exterior Girder	39.55	0.95	1	1	8.351611
Type 3-3_serv	BOBJ1	15	39.55	After	Interior Girder 1	39.55	0.95	1	1	7.364535
Type 3-3_serv	BOBJ1	15	39.55	After	Interior Girder 2	39.55	0.95	1	1	6.742334
Type 3-3_serv	BOBJ1	15	39.55	After	Interior Girder 3	39.55	0.95	1	1	6.541995
Type 3-3_serv	BOBJ1	15	39.55	After	Interior Girder 4	39.55	0.95	1	1	6.541995
Type 3-3_serv	BOBJ1	15	39.55	After	Interior Girder 5	39.55	0.95	1	1	6.742334
Type 3-3_serv	BOBJ1	15	39.55	After	Interior Girder 6	39.55	0.95	1	1	7.364535
Type 3-3_serv	BOBJ1	15	39.55	After	Right Exterior Girder	39.55	0.95	1	1	8.351611
Type 3-3_serv	BOBJ1	16	45.1733	Before	Left Exterior Girder	45.1226	0.95	1	1	6.391365
Type 3-3_serv	BOBJ1	16	45.1733	Before	Interior Girder 1	45.1226	0.95	1	1	6.49685
Type 3-3_serv	BOBJ1	16	45.1733	Before	Interior Girder 2	45.1226	0.95	1	1	6.231293
Type 3-3_serv	BOBJ1	16	45.1733	Before	Interior Girder 3	45.1226	0.95	1	1	6.342082
Type 3-3_serv	BOBJ1	16	45.1733	Before	Interior Girder 4	45.1226	0.95	1	1	6.342082
Type 3-3_serv	BOBJ1	16	45.1733	Before	Interior Girder 5	45.1226	0.95	1	1	6.231293
Type 3-3_serv	BOBJ1	16	45.1733	Before	Interior Girder 6	45.1226	0.95	1	1	6.49685
Type 3-3_serv	BOBJ1	16	45.1733	Before	Right Exterior Girder	45.1226	0.95	1	1	6.391365
Type 3-3_serv	BOBJ1	17	45.1733	After	Left Exterior Girder	45.1226	0.95	1	1	5.139405
Type 3-3_serv	BOBJ1	17	45.1733	After	Interior Girder 1	45.1226	0.95	1	1	5.204176
Type 3-3_serv	BOBJ1	17	45.1733	After	Interior Girder 2	45.1226	0.95	1	1	4.969221
Type 3-3_serv	BOBJ1	17	45.1733	After	Interior Girder 3	45.1226	0.95	1	1	5.075572
Type 3-3_serv	BOBJ1	17	45.1733	After	Interior Girder 4	45.1226	0.95	1	1	5.075572
Type 3-3_serv	BOBJ1	17	45.1733	After	Interior Girder 5	45.1226	0.95	1	1	4.969221
Type 3-3_serv	BOBJ1	17	45.1733	After	Interior Girder 6	45.1226	0.95	1	1	5.204176
Type 3-3_serv	BOBJ1	17	45.1733	After	Right Exterior Girder	45.1226	0.95	1	1	5.139405
Type 3-3_serv	BOBJ1	18	49.2561	Before	Left Exterior Girder	49.2561	0.95	1	1	3.943399
Type 3-3_serv	BOBJ1	18	49.2561	Before	Right Exterior Girder	49.2561	0.95	1	1	3.943399
Type 3-3_serv	BOBJ1	19	49.2561	After	Left Exterior Girder	49.2561	0.95	1	1	3.98902
Type 3-3_serv	BOBJ1	19	49.2561	After	Right Exterior Girder	49.2561	0.95	1	1	3.98902
Type 3-3_serv	BOBJ1	20	50.7967	Before	Left Exterior Girder	50.7967	0.95	1	1	8.001728
Type 3-3_serv	BOBJ1	20	50.7967	Before	Interior Girder 1	50.7967	0.95	1	1	3.945031
Type 3-3_serv	BOBJ1	20	50.7967	Before	Interior Girder 2	50.7967	0.95	1	1	3.748083
Type 3-3_serv	BOBJ1	20	50.7967	Before	Interior Girder 3	50.7967	0.95	1	1	3.590624
Type 3-3_serv	BOBJ1	20	50.7967	Before	Interior Girder 4	50.7967	0.95	1	1	3.590624
Type 3-3_serv	BOBJ1	20	50.7967	Before	Interior Girder 5	50.7967	0.95	1	1	3.748083
Type 3-3_serv	BOBJ1	20	50.7967	Before	Interior Girder 6	50.7967	0.95	1	1	3.945031
Type 3-3_serv	BOBJ1	20	50.7967	Before	Right Exterior Girder	50.7967	0.95	1	1	8.001728
Type 3-3_serv	BOBJ1	21	50.7967	After	Left Exterior Girder	50.7967	0.95	1	1	7.951733
Type 3-3_serv	BOBJ1	21	50.7967	After	Interior Girder 1	50.7967	0.95	1	1	3.937214
Type 3-3_serv	BOBJ1	21	50.7967	After	Interior Girder 2	50.7967	0.95	1	1	3.724019
Type 3-3_serv	BOBJ1	21	50.7967	After	Interior Girder 3	50.7967	0.95	1	1	3.577606
Type 3-3_serv	BOBJ1	21	50.7967	After	Interior Girder 4	50.7967	0.95	1	1	3.577606
Type 3-3_serv	BOBJ1	21	50.7967	After	Interior Girder 5	50.7967	0.95	1	1	3.724019
Type 3-3_serv	BOBJ1	21	50.7967	After	Interior Girder 6	50.7967	0.95	1	1	3.937214
Type 3-3_serv	BOBJ1	21	50.7967	After	Right Exterior Girder	50.7967	0.95	1	1	7.951733
Type 3-3_serv	BOBJ1	22	51.3989	Before	Interior Girder 1	51.3989	0.95	1	1	3.794697
Type 3-3_serv	BOBJ1	22	51.3989	Before	Interior Girder 2	51.3989	0.95	1	1	3.606805
Type 3-3_serv	BOBJ1	22	51.3989	Before	Interior Girder 3	51.3989	0.95	1	1	3.435512
Type 3-3_serv	BOBJ1	22	51.3989	Before	Interior Girder 4	51.3989	0.95	1	1	3.435512
Type 3-3_serv	BOBJ1	22	51.3989	Before	Interior Girder 5	51.3989	0.95	1	1	3.606805
Type 3-3_serv	BOBJ1	22	51.3989	Before	Interior Girder 6	51.3989	0.95	1	1	3.794697
Type 3-3_serv	BOBJ1	23	51.3989	After	Interior Girder 1	51.3989	0.95	1	1	5.578396
Type 3-3_serv	BOBJ1	23	51.3989	After	Interior Girder 2	51.3989	0.95	1	1	5.288747

TABLE: Bridge Super Rating AASHTORATE18 31 - SteelICompServ-Flx - Approach, Span 12-15										
Request	BridgeObj	BridgeCut	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	Unitless	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Type 3-3_serv	BOBJ1	23	51.3989	After	Interior Girder 3	51.3989	0.95	1	1	5.077047
Type 3-3_serv	BOBJ1	23	51.3989	After	Interior Girder 4	51.3989	0.95	1	1	5.077047
Type 3-3_serv	BOBJ1	23	51.3989	After	Interior Girder 5	51.3989	0.95	1	1	5.288747
Type 3-3_serv	BOBJ1	23	51.3989	After	Interior Girder 6	51.3989	0.95	1	1	5.578396
Type 3-3_serv	BOBJ1	24	56.42	Before	Left Exterior Girder	56.42	0.95	1	1	5.536652
Type 3-3_serv	BOBJ1	24	56.42	Before	Interior Girder 1	56.42	0.95	1	1	3.512341
Type 3-3_serv	BOBJ1	24	56.42	Before	Interior Girder 2	56.42	0.95	1	1	3.357982
Type 3-3_serv	BOBJ1	24	56.42	Before	Interior Girder 3	56.42	0.95	1	1	2.817012
Type 3-3_serv	BOBJ1	24	56.42	Before	Interior Girder 4	56.42	0.95	1	1	2.817012
Type 3-3_serv	BOBJ1	24	56.42	Before	Interior Girder 5	56.42	0.95	1	1	3.357982
Type 3-3_serv	BOBJ1	24	56.42	Before	Interior Girder 6	56.42	0.95	1	1	3.512341
Type 3-3_serv	BOBJ1	24	56.42	Before	Right Exterior Girder	56.42	0.95	1	1	5.536652
Type 3-3_serv	BOBJ1	25	56.42	After	Left Exterior Girder	0	0.95	1	1	5.729752
Type 3-3_serv	BOBJ1	25	56.42	After	Interior Girder 1	0	0.95	1	1	3.486722
Type 3-3_serv	BOBJ1	25	56.42	After	Interior Girder 2	0	0.95	1	1	3.337255
Type 3-3_serv	BOBJ1	25	56.42	After	Interior Girder 3	0	0.95	1	1	2.818604
Type 3-3_serv	BOBJ1	25	56.42	After	Interior Girder 4	0	0.95	1	1	2.818604
Type 3-3_serv	BOBJ1	25	56.42	After	Interior Girder 5	0	0.95	1	1	3.337255
Type 3-3_serv	BOBJ1	25	56.42	After	Interior Girder 6	0	0.95	1	1	3.486722
Type 3-3_serv	BOBJ1	25	56.42	After	Right Exterior Girder	0	0.95	1	1	5.729752
Type 3-3_serv	BOBJ1	26	62.0367	Before	Left Exterior Girder	5.6167	0.95	1	1	11.122439
Type 3-3_serv	BOBJ1	26	62.0367	Before	Interior Girder 1	5.6167	0.95	1	1	7.413794
Type 3-3_serv	BOBJ1	26	62.0367	Before	Interior Girder 2	5.6167	0.95	1	1	6.830843
Type 3-3_serv	BOBJ1	26	62.0367	Before	Interior Girder 3	5.6167	0.95	1	1	6.21786
Type 3-3_serv	BOBJ1	26	62.0367	Before	Interior Girder 4	5.6167	0.95	1	1	6.21786
Type 3-3_serv	BOBJ1	26	62.0367	Before	Interior Girder 5	5.6167	0.95	1	1	6.830843
Type 3-3_serv	BOBJ1	26	62.0367	Before	Interior Girder 6	5.6167	0.95	1	1	7.413794
Type 3-3_serv	BOBJ1	26	62.0367	Before	Right Exterior Girder	5.6167	0.95	1	1	11.122439
Type 3-3_serv	BOBJ1	27	62.0367	After	Left Exterior Girder	5.6167	0.95	1	1	10.980501
Type 3-3_serv	BOBJ1	27	62.0367	After	Interior Girder 1	5.6167	0.95	1	1	7.598268
Type 3-3_serv	BOBJ1	27	62.0367	After	Interior Girder 2	5.6167	0.95	1	1	6.886782
Type 3-3_serv	BOBJ1	27	62.0367	After	Interior Girder 3	5.6167	0.95	1	1	6.219974
Type 3-3_serv	BOBJ1	27	62.0367	After	Interior Girder 4	5.6167	0.95	1	1	6.219974
Type 3-3_serv	BOBJ1	27	62.0367	After	Interior Girder 5	5.6167	0.95	1	1	6.886782
Type 3-3_serv	BOBJ1	27	62.0367	After	Interior Girder 6	5.6167	0.95	1	1	7.598268
Type 3-3_serv	BOBJ1	27	62.0367	After	Right Exterior Girder	5.6167	0.95	1	1	10.980501
Type 3-3_serv	BOBJ1	28	62.4203	Before	Interior Girder 1	6.0003	0.95	1	1	7.852063
Type 3-3_serv	BOBJ1	28	62.4203	Before	Interior Girder 2	6.0003	0.95	1	1	7.108237
Type 3-3_serv	BOBJ1	28	62.4203	Before	Interior Girder 3	6.0003	0.95	1	1	6.530035
Type 3-3_serv	BOBJ1	28	62.4203	Before	Interior Girder 4	6.0003	0.95	1	1	6.530035
Type 3-3_serv	BOBJ1	28	62.4203	Before	Interior Girder 5	6.0003	0.95	1	1	7.108237
Type 3-3_serv	BOBJ1	28	62.4203	Before	Interior Girder 6	6.0003	0.95	1	1	7.852063
Type 3-3_serv	BOBJ1	29	62.4203	After	Interior Girder 1	6.0003	0.95	1	1	5.299733
Type 3-3_serv	BOBJ1	29	62.4203	After	Interior Girder 2	6.0003	0.95	1	1	4.803028
Type 3-3_serv	BOBJ1	29	62.4203	After	Interior Girder 3	6.0003	0.95	1	1	4.315675
Type 3-3_serv	BOBJ1	29	62.4203	After	Interior Girder 4	6.0003	0.95	1	1	4.315675
Type 3-3_serv	BOBJ1	29	62.4203	After	Interior Girder 5	6.0003	0.95	1	1	4.803028
Type 3-3_serv	BOBJ1	29	62.4203	After	Interior Girder 6	6.0003	0.95	1	1	5.299733
Type 3-3_serv	BOBJ1	30	64.9204	Before	Left Exterior Girder	8.5004	0.95	1	1	12.418301
Type 3-3_serv	BOBJ1	30	64.9204	Before	Right Exterior Girder	8.5004	0.95	1	1	12.418301
Type 3-3_serv	BOBJ1	31	64.9204	After	Left Exterior Girder	8.5004	0.95	1	1	5.902523
Type 3-3_serv	BOBJ1	31	64.9204	After	Right Exterior Girder	8.5004	0.95	1	1	5.902523
Type 3-3_serv	BOBJ1	32	67.6533	Before	Left Exterior Girder	11.2333	0.95	1	1	6.997694
Type 3-3_serv	BOBJ1	32	67.6533	Before	Interior Girder 1	11.2333	0.95	1	1	6.905657
Type 3-3_serv	BOBJ1	32	67.6533	Before	Interior Girder 2	11.2333	0.95	1	1	6.478127
Type 3-3_serv	BOBJ1	32	67.6533	Before	Interior Girder 3	11.2333	0.95	1	1	6.452204
Type 3-3_serv	BOBJ1	32	67.6533	Before	Interior Girder 4	11.2333	0.95	1	1	6.452204
Type 3-3_serv	BOBJ1	32	67.6533	Before	Interior Girder 5	11.2333	0.95	1	1	6.478127
Type 3-3_serv	BOBJ1	32	67.6533	Before	Interior Girder 6	11.2333	0.95	1	1	6.905657
Type 3-3_serv	BOBJ1	32	67.6533	Before	Right Exterior Girder	11.2333	0.95	1	1	6.997694
Type 3-3_serv	BOBJ1	33	67.6533	After	Left Exterior Girder	11.2333	0.95	1	1	6.937875
Type 3-3_serv	BOBJ1	33	67.6533	After	Interior Girder 1	11.2333	0.95	1	1	6.959419
Type 3-3_serv	BOBJ1	33	67.6533	After	Interior Girder 2	11.2333	0.95	1	1	6.56974
Type 3-3_serv	BOBJ1	33	67.6533	After	Interior Girder 3	11.2333	0.95	1	1	6.519634
Type 3-3_serv	BOBJ1	33	67.6533	After	Interior Girder 4	11.2333	0.95	1	1	6.519634
Type 3-3_serv	BOBJ1	33	67.6533	After	Interior Girder 5	11.2333	0.95	1	1	6.56974
Type 3-3_serv	BOBJ1	33	67.6533	After	Interior Girder 6	11.2333	0.95	1	1	6.959419
Type 3-3_serv	BOBJ1	33	67.6533	After	Right Exterior Girder	11.2333	0.95	1	1	6.937875
Type 3-3_serv	BOBJ1	34	73.27	Before	Left Exterior Girder	16.85	0.95	1	1	8.74618
Type 3-3_serv	BOBJ1	34	73.27	Before	Interior Girder 1	16.85	0.95	1	1	7.424744
Type 3-3_serv	BOBJ1	34	73.27	Before	Interior Girder 2	16.85	0.95	1	1	6.672783
Type 3-3_serv	BOBJ1	34	73.27	Before	Interior Girder 3	16.85	0.95	1	1	6.461603
Type 3-3_serv	BOBJ1	34	73.27	Before	Interior Girder 4	16.85	0.95	1	1	6.461603

TABLE: Bridge Super Rating AASHTORATE18 31 - SteelICompServ-Flx - Approach, Span 12-15										
Request	BridgeObj	BridgeCut	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	Unitless	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Type 3-3_serv	BOBJ1	34	73.27	Before	Interior Girder 5	16.85	0.95	1	1	6.672783
Type 3-3_serv	BOBJ1	34	73.27	Before	Interior Girder 6	16.85	0.95	1	1	7.424744
Type 3-3_serv	BOBJ1	34	73.27	Before	Right Exterior Girder	16.85	0.95	1	1	8.74618
Type 3-3_serv	BOBJ1	35	73.27	After	Left Exterior Girder	16.85	0.95	1	1	8.907816
Type 3-3_serv	BOBJ1	35	73.27	After	Interior Girder 1	16.85	0.95	1	1	7.325524
Type 3-3_serv	BOBJ1	35	73.27	After	Interior Girder 2	16.85	0.95	1	1	6.670936
Type 3-3_serv	BOBJ1	35	73.27	After	Interior Girder 3	16.85	0.95	1	1	6.54418
Type 3-3_serv	BOBJ1	35	73.27	After	Interior Girder 4	16.85	0.95	1	1	6.54418
Type 3-3_serv	BOBJ1	35	73.27	After	Interior Girder 5	16.85	0.95	1	1	6.670936
Type 3-3_serv	BOBJ1	35	73.27	After	Interior Girder 6	16.85	0.95	1	1	7.325524
Type 3-3_serv	BOBJ1	35	73.27	After	Right Exterior Girder	16.85	0.95	1	1	8.907816
Type 3-3_serv	BOBJ1	36	78.8867	Before	Left Exterior Girder	22.4667	0.95	1	1	5.982081
Type 3-3_serv	BOBJ1	36	78.8867	Before	Interior Girder 1	22.4667	0.95	1	1	5.035247
Type 3-3_serv	BOBJ1	36	78.8867	Before	Interior Girder 2	22.4667	0.95	1	1	4.714417
Type 3-3_serv	BOBJ1	36	78.8867	Before	Interior Girder 3	22.4667	0.95	1	1	4.532264
Type 3-3_serv	BOBJ1	36	78.8867	Before	Interior Girder 4	22.4667	0.95	1	1	4.532264
Type 3-3_serv	BOBJ1	36	78.8867	Before	Interior Girder 5	22.4667	0.95	1	1	4.714417
Type 3-3_serv	BOBJ1	36	78.8867	Before	Interior Girder 6	22.4667	0.95	1	1	5.035247
Type 3-3_serv	BOBJ1	36	78.8867	Before	Right Exterior Girder	22.4667	0.95	1	1	5.982081
Type 3-3_serv	BOBJ1	37	78.8867	After	Left Exterior Girder	22.4667	0.95	1	1	6.104957
Type 3-3_serv	BOBJ1	37	78.8867	After	Interior Girder 1	22.4667	0.95	1	1	4.97776
Type 3-3_serv	BOBJ1	37	78.8867	After	Interior Girder 2	22.4667	0.95	1	1	4.7028
Type 3-3_serv	BOBJ1	37	78.8867	After	Interior Girder 3	22.4667	0.95	1	1	4.5686
Type 3-3_serv	BOBJ1	37	78.8867	After	Interior Girder 4	22.4667	0.95	1	1	4.5686
Type 3-3_serv	BOBJ1	37	78.8867	After	Interior Girder 5	22.4667	0.95	1	1	4.7028
Type 3-3_serv	BOBJ1	37	78.8867	After	Interior Girder 6	22.4667	0.95	1	1	4.97776
Type 3-3_serv	BOBJ1	37	78.8867	After	Right Exterior Girder	22.4667	0.95	1	1	6.104957
Type 3-3_serv	BOBJ1	38	84.5033	Before	Left Exterior Girder	28.0833	0.95	1	1	4.859291
Type 3-3_serv	BOBJ1	38	84.5033	Before	Interior Girder 1	28.0833	0.95	1	1	4.278105
Type 3-3_serv	BOBJ1	38	84.5033	Before	Interior Girder 2	28.0833	0.95	1	1	4.030834
Type 3-3_serv	BOBJ1	38	84.5033	Before	Interior Girder 3	28.0833	0.95	1	1	3.902357
Type 3-3_serv	BOBJ1	38	84.5033	Before	Interior Girder 4	28.0833	0.95	1	1	3.902357
Type 3-3_serv	BOBJ1	38	84.5033	Before	Interior Girder 5	28.0833	0.95	1	1	4.030834
Type 3-3_serv	BOBJ1	38	84.5033	Before	Interior Girder 6	28.0833	0.95	1	1	4.278105
Type 3-3_serv	BOBJ1	38	84.5033	Before	Right Exterior Girder	28.0833	0.95	1	1	4.859291
Type 3-3_serv	BOBJ1	39	84.5033	After	Left Exterior Girder	28.0833	0.95	1	1	4.866295
Type 3-3_serv	BOBJ1	39	84.5033	After	Interior Girder 1	28.0833	0.95	1	1	4.286165
Type 3-3_serv	BOBJ1	39	84.5033	After	Interior Girder 2	28.0833	0.95	1	1	4.052434
Type 3-3_serv	BOBJ1	39	84.5033	After	Interior Girder 3	28.0833	0.95	1	1	3.932833
Type 3-3_serv	BOBJ1	39	84.5033	After	Interior Girder 4	28.0833	0.95	1	1	3.932833
Type 3-3_serv	BOBJ1	39	84.5033	After	Interior Girder 5	28.0833	0.95	1	1	4.052434
Type 3-3_serv	BOBJ1	39	84.5033	After	Interior Girder 6	28.0833	0.95	1	1	4.286165
Type 3-3_serv	BOBJ1	39	84.5033	After	Right Exterior Girder	28.0833	0.95	1	1	4.866295
Type 3-3_serv	BOBJ1	40	90.12	Before	Left Exterior Girder	33.7	0.95	1	1	4.331413
Type 3-3_serv	BOBJ1	40	90.12	Before	Interior Girder 1	33.7	0.95	1	1	4.31226
Type 3-3_serv	BOBJ1	40	90.12	Before	Interior Girder 2	33.7	0.95	1	1	4.066748
Type 3-3_serv	BOBJ1	40	90.12	Before	Interior Girder 3	33.7	0.95	1	1	3.993648
Type 3-3_serv	BOBJ1	40	90.12	Before	Interior Girder 4	33.7	0.95	1	1	3.993648
Type 3-3_serv	BOBJ1	40	90.12	Before	Interior Girder 5	33.7	0.95	1	1	4.066748
Type 3-3_serv	BOBJ1	40	90.12	Before	Interior Girder 6	33.7	0.95	1	1	4.31226
Type 3-3_serv	BOBJ1	40	90.12	Before	Right Exterior Girder	33.7	0.95	1	1	4.331413
Type 3-3_serv	BOBJ1	41	90.12	After	Left Exterior Girder	33.7	0.95	1	1	4.344841
Type 3-3_serv	BOBJ1	41	90.12	After	Interior Girder 1	33.7	0.95	1	1	4.300634
Type 3-3_serv	BOBJ1	41	90.12	After	Interior Girder 2	33.7	0.95	1	1	4.060259
Type 3-3_serv	BOBJ1	41	90.12	After	Interior Girder 3	33.7	0.95	1	1	3.983777
Type 3-3_serv	BOBJ1	41	90.12	After	Interior Girder 4	33.7	0.95	1	1	3.983777
Type 3-3_serv	BOBJ1	41	90.12	After	Interior Girder 5	33.7	0.95	1	1	4.060259
Type 3-3_serv	BOBJ1	41	90.12	After	Interior Girder 6	33.7	0.95	1	1	4.300634
Type 3-3_serv	BOBJ1	41	90.12	After	Right Exterior Girder	33.7	0.95	1	1	4.344841
Type 3-3_serv	BOBJ1	42	95.7367	Before	Left Exterior Girder	39.3167	0.95	1	1	4.815711
Type 3-3_serv	BOBJ1	42	95.7367	Before	Interior Girder 1	39.3167	0.95	1	1	4.25825
Type 3-3_serv	BOBJ1	42	95.7367	Before	Interior Girder 2	39.3167	0.95	1	1	4.026157
Type 3-3_serv	BOBJ1	42	95.7367	Before	Interior Girder 3	39.3167	0.95	1	1	3.911187
Type 3-3_serv	BOBJ1	42	95.7367	Before	Interior Girder 4	39.3167	0.95	1	1	3.911187
Type 3-3_serv	BOBJ1	42	95.7367	Before	Interior Girder 5	39.3167	0.95	1	1	4.026157
Type 3-3_serv	BOBJ1	42	95.7367	Before	Interior Girder 6	39.3167	0.95	1	1	4.25825
Type 3-3_serv	BOBJ1	42	95.7367	Before	Right Exterior Girder	39.3167	0.95	1	1	4.815711
Type 3-3_serv	BOBJ1	43	95.7367	After	Left Exterior Girder	39.3167	0.95	1	1	4.81243
Type 3-3_serv	BOBJ1	43	95.7367	After	Interior Girder 1	39.3167	0.95	1	1	4.248211
Type 3-3_serv	BOBJ1	43	95.7367	After	Interior Girder 2	39.3167	0.95	1	1	4.00488
Type 3-3_serv	BOBJ1	43	95.7367	After	Interior Girder 3	39.3167	0.95	1	1	3.882593
Type 3-3_serv	BOBJ1	43	95.7367	After	Interior Girder 4	39.3167	0.95	1	1	3.882593
Type 3-3_serv	BOBJ1	43	95.7367	After	Interior Girder 5	39.3167	0.95	1	1	4.00488

TABLE: Bridge Super Rating AASHTORATE18 31 - SteelICompServ-Flx - Approach, Span 12-15										
Request	BridgeObj	BridgeCut	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	Unitless	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Type 3-3_serv	BOBJ1	43	95.7367	After	Interior Girder 6	39.3167	0.95	1	1	4.248211
Type 3-3_serv	BOBJ1	43	95.7367	After	Right Exterior Girder	39.3167	0.95	1	1	4.81243
Type 3-3_serv	BOBJ1	44	101.3533	Before	Left Exterior Girder	44.9333	0.95	1	1	5.957654
Type 3-3_serv	BOBJ1	44	101.3533	Before	Interior Girder 1	44.9333	0.95	1	1	4.911061
Type 3-3_serv	BOBJ1	44	101.3533	Before	Interior Girder 2	44.9333	0.95	1	1	4.640631
Type 3-3_serv	BOBJ1	44	101.3533	Before	Interior Girder 3	44.9333	0.95	1	1	4.519629
Type 3-3_serv	BOBJ1	44	101.3533	Before	Interior Girder 4	44.9333	0.95	1	1	4.519629
Type 3-3_serv	BOBJ1	44	101.3533	Before	Interior Girder 5	44.9333	0.95	1	1	4.640631
Type 3-3_serv	BOBJ1	44	101.3533	Before	Interior Girder 6	44.9333	0.95	1	1	4.911061
Type 3-3_serv	BOBJ1	44	101.3533	Before	Right Exterior Girder	44.9333	0.95	1	1	5.957654
Type 3-3_serv	BOBJ1	45	101.3533	After	Left Exterior Girder	44.9333	0.95	1	1	5.842565
Type 3-3_serv	BOBJ1	45	101.3533	After	Interior Girder 1	44.9333	0.95	1	1	4.964583
Type 3-3_serv	BOBJ1	45	101.3533	After	Interior Girder 2	44.9333	0.95	1	1	4.653103
Type 3-3_serv	BOBJ1	45	101.3533	After	Interior Girder 3	44.9333	0.95	1	1	4.486711
Type 3-3_serv	BOBJ1	45	101.3533	After	Interior Girder 4	44.9333	0.95	1	1	4.486711
Type 3-3_serv	BOBJ1	45	101.3533	After	Interior Girder 5	44.9333	0.95	1	1	4.653103
Type 3-3_serv	BOBJ1	45	101.3533	After	Interior Girder 6	44.9333	0.95	1	1	4.964583
Type 3-3_serv	BOBJ1	45	101.3533	After	Right Exterior Girder	44.9333	0.95	1	1	5.842565
Type 3-3_serv	BOBJ1	46	106.97	Before	Left Exterior Girder	50.55	0.95	1	1	7.047885
Type 3-3_serv	BOBJ1	46	106.97	Before	Interior Girder 1	50.55	0.95	1	1	6.958148
Type 3-3_serv	BOBJ1	46	106.97	Before	Interior Girder 2	50.55	0.95	1	1	6.497919
Type 3-3_serv	BOBJ1	46	106.97	Before	Interior Girder 3	50.55	0.95	1	1	6.413121
Type 3-3_serv	BOBJ1	46	106.97	Before	Interior Girder 4	50.55	0.95	1	1	6.413121
Type 3-3_serv	BOBJ1	46	106.97	Before	Interior Girder 5	50.55	0.95	1	1	6.497919
Type 3-3_serv	BOBJ1	46	106.97	Before	Interior Girder 6	50.55	0.95	1	1	6.958148
Type 3-3_serv	BOBJ1	46	106.97	Before	Right Exterior Girder	50.55	0.95	1	1	7.047885
Type 3-3_serv	BOBJ1	47	106.97	After	Left Exterior Girder	50.55	0.95	1	1	7.104797
Type 3-3_serv	BOBJ1	47	106.97	After	Interior Girder 1	50.55	0.95	1	1	6.918296
Type 3-3_serv	BOBJ1	47	106.97	After	Interior Girder 2	50.55	0.95	1	1	6.479435
Type 3-3_serv	BOBJ1	47	106.97	After	Interior Girder 3	50.55	0.95	1	1	6.313636
Type 3-3_serv	BOBJ1	47	106.97	After	Interior Girder 4	50.55	0.95	1	1	6.313636
Type 3-3_serv	BOBJ1	47	106.97	After	Interior Girder 5	50.55	0.95	1	1	6.479435
Type 3-3_serv	BOBJ1	47	106.97	After	Interior Girder 6	50.55	0.95	1	1	6.918296
Type 3-3_serv	BOBJ1	47	106.97	After	Right Exterior Girder	50.55	0.95	1	1	7.104797
Type 3-3_serv	BOBJ1	48	112.5933	Before	Left Exterior Girder	56.1733	0.95	1	1	5.258319
Type 3-3_serv	BOBJ1	48	112.5933	Before	Interior Girder 1	56.1733	0.95	1	1	5.449572
Type 3-3_serv	BOBJ1	48	112.5933	Before	Interior Girder 2	56.1733	0.95	1	1	5.194991
Type 3-3_serv	BOBJ1	48	112.5933	Before	Interior Girder 3	56.1733	0.95	1	1	5.248964
Type 3-3_serv	BOBJ1	48	112.5933	Before	Interior Girder 4	56.1733	0.95	1	1	5.248964
Type 3-3_serv	BOBJ1	48	112.5933	Before	Interior Girder 5	56.1733	0.95	1	1	5.194991
Type 3-3_serv	BOBJ1	48	112.5933	Before	Interior Girder 6	56.1733	0.95	1	1	5.449572
Type 3-3_serv	BOBJ1	48	112.5933	Before	Right Exterior Girder	56.1733	0.95	1	1	5.258319
Type 3-3_serv	BOBJ1	49	112.5933	After	Left Exterior Girder	56.1733	0.95	1	1	5.297132
Type 3-3_serv	BOBJ1	49	112.5933	After	Interior Girder 1	56.1733	0.95	1	1	5.417463
Type 3-3_serv	BOBJ1	49	112.5933	After	Interior Girder 2	56.1733	0.95	1	1	5.145715
Type 3-3_serv	BOBJ1	49	112.5933	After	Interior Girder 3	56.1733	0.95	1	1	5.213295
Type 3-3_serv	BOBJ1	49	112.5933	After	Interior Girder 4	56.1733	0.95	1	1	5.213295
Type 3-3_serv	BOBJ1	49	112.5933	After	Interior Girder 5	56.1733	0.95	1	1	5.145715
Type 3-3_serv	BOBJ1	49	112.5933	After	Interior Girder 6	56.1733	0.95	1	1	5.417463
Type 3-3_serv	BOBJ1	49	112.5933	After	Right Exterior Girder	56.1733	0.95	1	1	5.297132
Type 3-3_serv	BOBJ1	50	115.3396	Before	Left Exterior Girder	58.9196	0.95	1	1	4.444758
Type 3-3_serv	BOBJ1	50	115.3396	Before	Right Exterior Girder	58.9196	0.95	1	1	4.444758
Type 3-3_serv	BOBJ1	51	115.3396	After	Left Exterior Girder	58.9196	0.95	1	1	9.414717
Type 3-3_serv	BOBJ1	51	115.3396	After	Right Exterior Girder	58.9196	0.95	1	1	9.414717
Type 3-3_serv	BOBJ1	52	118.2167	Before	Left Exterior Girder	61.7967	0.95	1	1	8.340842
Type 3-3_serv	BOBJ1	52	118.2167	Before	Interior Girder 1	61.9198	0.95	1	1	4.049674
Type 3-3_serv	BOBJ1	52	118.2167	Before	Interior Girder 2	61.9198	0.95	1	1	3.865022
Type 3-3_serv	BOBJ1	52	118.2167	Before	Interior Girder 3	61.9198	0.95	1	1	3.664516
Type 3-3_serv	BOBJ1	52	118.2167	Before	Interior Girder 4	61.9198	0.95	1	1	3.664516
Type 3-3_serv	BOBJ1	52	118.2167	Before	Interior Girder 5	61.9198	0.95	1	1	3.865022
Type 3-3_serv	BOBJ1	52	118.2167	Before	Interior Girder 6	61.9198	0.95	1	1	4.049674
Type 3-3_serv	BOBJ1	52	118.2167	Before	Right Exterior Girder	61.7967	0.95	1	1	8.340842
Type 3-3_serv	BOBJ1	53	118.2167	After	Left Exterior Girder	61.7967	0.95	1	1	8.370308
Type 3-3_serv	BOBJ1	53	118.2167	After	Interior Girder 1	61.9198	0.95	1	1	6.018266
Type 3-3_serv	BOBJ1	53	118.2167	After	Interior Girder 2	61.9198	0.95	1	1	5.641865
Type 3-3_serv	BOBJ1	53	118.2167	After	Interior Girder 3	61.9198	0.95	1	1	5.39553
Type 3-3_serv	BOBJ1	53	118.2167	After	Interior Girder 4	61.9198	0.95	1	1	5.39553
Type 3-3_serv	BOBJ1	53	118.2167	After	Interior Girder 5	61.9198	0.95	1	1	5.641865
Type 3-3_serv	BOBJ1	53	118.2167	After	Interior Girder 6	61.9198	0.95	1	1	6.018266
Type 3-3_serv	BOBJ1	53	118.2167	After	Right Exterior Girder	61.7967	0.95	1	1	8.370308
Type 3-3_serv	BOBJ1	54	123.84	Before	Left Exterior Girder	67.42	0.95	1	1	5.489493
Type 3-3_serv	BOBJ1	54	123.84	Before	Interior Girder 1	67.42	0.95	1	1	3.434213
Type 3-3_serv	BOBJ1	54	123.84	Before	Interior Girder 2	67.42	0.95	1	1	3.275358

TABLE: Bridge Super Rating AASHTORATE18 31 - SteelICompServ-Flx - Approach, Span 12-15										
Request	BridgeObj	BridgeCut	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	Unitless	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Type 3-3_serv	BOBJ1	54	123.84	Before	Interior Girder 3	67.42	0.95	1	1	2.763274
Type 3-3_serv	BOBJ1	54	123.84	Before	Interior Girder 4	67.42	0.95	1	1	2.763274
Type 3-3_serv	BOBJ1	54	123.84	Before	Interior Girder 5	67.42	0.95	1	1	3.275358
Type 3-3_serv	BOBJ1	54	123.84	Before	Interior Girder 6	67.42	0.95	1	1	3.434213
Type 3-3_serv	BOBJ1	54	123.84	Before	Right Exterior Girder	67.42	0.95	1	1	5.489493
Type 3-3_serv	BOBJ1	55	123.84	After	Left Exterior Girder	0	0.95	1	1	5.476809
Type 3-3_serv	BOBJ1	55	123.84	After	Interior Girder 1	0	0.95	1	1	3.418159
Type 3-3_serv	BOBJ1	55	123.84	After	Interior Girder 2	0	0.95	1	1	3.260514
Type 3-3_serv	BOBJ1	55	123.84	After	Interior Girder 3	0	0.95	1	1	2.738611
Type 3-3_serv	BOBJ1	55	123.84	After	Interior Girder 4	0	0.95	1	1	2.738611
Type 3-3_serv	BOBJ1	55	123.84	After	Interior Girder 5	0	0.95	1	1	3.260514
Type 3-3_serv	BOBJ1	55	123.84	After	Interior Girder 6	0	0.95	1	1	3.418159
Type 3-3_serv	BOBJ1	55	123.84	After	Right Exterior Girder	0	0.95	1	1	5.476809
Type 3-3_serv	BOBJ1	56	129.34	Before	Interior Girder 1	5.5	0.95	1	1	6.075929
Type 3-3_serv	BOBJ1	56	129.34	Before	Interior Girder 2	5.5	0.95	1	1	5.734206
Type 3-3_serv	BOBJ1	56	129.34	Before	Interior Girder 3	5.5	0.95	1	1	5.486469
Type 3-3_serv	BOBJ1	56	129.34	Before	Interior Girder 4	5.5	0.95	1	1	5.486469
Type 3-3_serv	BOBJ1	56	129.34	Before	Interior Girder 5	5.5	0.95	1	1	5.734206
Type 3-3_serv	BOBJ1	56	129.34	Before	Interior Girder 6	5.5	0.95	1	1	6.075929
Type 3-3_serv	BOBJ1	57	129.34	After	Interior Girder 1	5.5	0.95	1	1	4.150786
Type 3-3_serv	BOBJ1	57	129.34	After	Interior Girder 2	5.5	0.95	1	1	3.919353
Type 3-3_serv	BOBJ1	57	129.34	After	Interior Girder 3	5.5	0.95	1	1	3.719077
Type 3-3_serv	BOBJ1	57	129.34	After	Interior Girder 4	5.5	0.95	1	1	3.719077
Type 3-3_serv	BOBJ1	57	129.34	After	Interior Girder 5	5.5	0.95	1	1	3.919353
Type 3-3_serv	BOBJ1	57	129.34	After	Interior Girder 6	5.5	0.95	1	1	4.150786
Type 3-3_serv	BOBJ1	58	130.79	Before	Left Exterior Girder	6.95	0.95	1	1	8.969121
Type 3-3_serv	BOBJ1	58	130.79	Before	Interior Girder 1	6.95	0.95	1	1	4.516303
Type 3-3_serv	BOBJ1	58	130.79	Before	Interior Girder 2	6.95	0.95	1	1	4.229916
Type 3-3_serv	BOBJ1	58	130.79	Before	Interior Girder 3	6.95	0.95	1	1	4.110902
Type 3-3_serv	BOBJ1	58	130.79	Before	Interior Girder 4	6.95	0.95	1	1	4.110902
Type 3-3_serv	BOBJ1	58	130.79	Before	Interior Girder 5	6.95	0.95	1	1	4.229916
Type 3-3_serv	BOBJ1	58	130.79	Before	Interior Girder 6	6.95	0.95	1	1	4.516303
Type 3-3_serv	BOBJ1	58	130.79	Before	Right Exterior Girder	6.95	0.95	1	1	8.969121
Type 3-3_serv	BOBJ1	59	130.79	After	Left Exterior Girder	6.95	0.95	1	1	9.036639
Type 3-3_serv	BOBJ1	59	130.79	After	Interior Girder 1	6.95	0.95	1	1	4.500788
Type 3-3_serv	BOBJ1	59	130.79	After	Interior Girder 2	6.95	0.95	1	1	4.264996
Type 3-3_serv	BOBJ1	59	130.79	After	Interior Girder 3	6.95	0.95	1	1	4.137133
Type 3-3_serv	BOBJ1	59	130.79	After	Interior Girder 4	6.95	0.95	1	1	4.137133
Type 3-3_serv	BOBJ1	59	130.79	After	Interior Girder 5	6.95	0.95	1	1	4.264996
Type 3-3_serv	BOBJ1	59	130.79	After	Interior Girder 6	6.95	0.95	1	1	4.500788
Type 3-3_serv	BOBJ1	59	130.79	After	Right Exterior Girder	6.95	0.95	1	1	9.036639
Type 3-3_serv	BOBJ1	60	132.34	Before	Left Exterior Girder	8.5	0.95	1	1	9.68884
Type 3-3_serv	BOBJ1	60	132.34	Before	Right Exterior Girder	8.5	0.95	1	1	9.68884
Type 3-3_serv	BOBJ1	61	132.34	After	Left Exterior Girder	8.5	0.95	1	1	4.523955
Type 3-3_serv	BOBJ1	61	132.34	After	Right Exterior Girder	8.5	0.95	1	1	4.523955
Type 3-3_serv	BOBJ1	62	137.74	Before	Left Exterior Girder	13.9	0.95	1	1	6.234643
Type 3-3_serv	BOBJ1	62	137.74	Before	Interior Girder 1	13.9	0.95	1	1	6.262397
Type 3-3_serv	BOBJ1	62	137.74	Before	Interior Girder 2	13.9	0.95	1	1	6.021085
Type 3-3_serv	BOBJ1	62	137.74	Before	Interior Girder 3	13.9	0.95	1	1	6.317677
Type 3-3_serv	BOBJ1	62	137.74	Before	Interior Girder 4	13.9	0.95	1	1	6.317677
Type 3-3_serv	BOBJ1	62	137.74	Before	Interior Girder 5	13.9	0.95	1	1	6.021085
Type 3-3_serv	BOBJ1	62	137.74	Before	Interior Girder 6	13.9	0.95	1	1	6.262397
Type 3-3_serv	BOBJ1	62	137.74	Before	Right Exterior Girder	13.9	0.95	1	1	6.234643
Type 3-3_serv	BOBJ1	63	137.74	After	Left Exterior Girder	13.9	0.95	1	1	6.180116
Type 3-3_serv	BOBJ1	63	137.74	After	Interior Girder 1	13.9	0.95	1	1	6.29994
Type 3-3_serv	BOBJ1	63	137.74	After	Interior Girder 2	13.9	0.95	1	1	6.073023
Type 3-3_serv	BOBJ1	63	137.74	After	Interior Girder 3	13.9	0.95	1	1	6.324856
Type 3-3_serv	BOBJ1	63	137.74	After	Interior Girder 4	13.9	0.95	1	1	6.324856
Type 3-3_serv	BOBJ1	63	137.74	After	Interior Girder 5	13.9	0.95	1	1	6.073023
Type 3-3_serv	BOBJ1	63	137.74	After	Interior Girder 6	13.9	0.95	1	1	6.29994
Type 3-3_serv	BOBJ1	63	137.74	After	Right Exterior Girder	13.9	0.95	1	1	6.180116
Type 3-3_serv	BOBJ1	64	143.7733	Before	Left Exterior Girder	19.9333	0.95	1	1	6.88655
Type 3-3_serv	BOBJ1	64	143.7733	Before	Interior Girder 1	19.9333	0.95	1	1	5.521412
Type 3-3_serv	BOBJ1	64	143.7733	Before	Interior Girder 2	19.9333	0.95	1	1	5.13933
Type 3-3_serv	BOBJ1	64	143.7733	Before	Interior Girder 3	19.9333	0.95	1	1	4.952988
Type 3-3_serv	BOBJ1	64	143.7733	Before	Interior Girder 4	19.9333	0.95	1	1	4.952988
Type 3-3_serv	BOBJ1	64	143.7733	Before	Interior Girder 5	19.9333	0.95	1	1	5.13933
Type 3-3_serv	BOBJ1	64	143.7733	Before	Interior Girder 6	19.9333	0.95	1	1	5.521412
Type 3-3_serv	BOBJ1	64	143.7733	Before	Right Exterior Girder	19.9333	0.95	1	1	6.88655
Type 3-3_serv	BOBJ1	65	143.7733	After	Left Exterior Girder	19.9333	0.95	1	1	7.029809
Type 3-3_serv	BOBJ1	65	143.7733	After	Interior Girder 1	19.9333	0.95	1	1	5.445367
Type 3-3_serv	BOBJ1	65	143.7733	After	Interior Girder 2	19.9333	0.95	1	1	5.134066
Type 3-3_serv	BOBJ1	65	143.7733	After	Interior Girder 3	19.9333	0.95	1	1	5.021069

TABLE: Bridge Super Rating AASHTORATE18 31 - SteelICompServ-Flx - Approach, Span 12-15										
Request	BridgeObj	BridgeCut	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	Unitless	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Type 3-3_serv	BOBJ1	65	143.7733	After	Interior Girder 4	19.9333	0.95	1	1	5.021069
Type 3-3_serv	BOBJ1	65	143.7733	After	Interior Girder 5	19.9333	0.95	1	1	5.134066
Type 3-3_serv	BOBJ1	65	143.7733	After	Interior Girder 6	19.9333	0.95	1	1	5.445367
Type 3-3_serv	BOBJ1	65	143.7733	After	Right Exterior Girder	19.9333	0.95	1	1	7.029809
Type 3-3_serv	BOBJ1	66	149.8067	Before	Left Exterior Girder	25.9667	0.95	1	1	5.087394
Type 3-3_serv	BOBJ1	66	149.8067	Before	Interior Girder 1	25.9667	0.95	1	1	4.353041
Type 3-3_serv	BOBJ1	66	149.8067	Before	Interior Girder 2	25.9667	0.95	1	1	4.105129
Type 3-3_serv	BOBJ1	66	149.8067	Before	Interior Girder 3	25.9667	0.95	1	1	3.961858
Type 3-3_serv	BOBJ1	66	149.8067	Before	Interior Girder 4	25.9667	0.95	1	1	3.961858
Type 3-3_serv	BOBJ1	66	149.8067	Before	Interior Girder 5	25.9667	0.95	1	1	4.105129
Type 3-3_serv	BOBJ1	66	149.8067	Before	Interior Girder 6	25.9667	0.95	1	1	4.353041
Type 3-3_serv	BOBJ1	66	149.8067	Before	Right Exterior Girder	25.9667	0.95	1	1	5.087394
Type 3-3_serv	BOBJ1	67	149.8067	After	Left Exterior Girder	25.9667	0.95	1	1	5.104319
Type 3-3_serv	BOBJ1	67	149.8067	After	Interior Girder 1	25.9667	0.95	1	1	4.354104
Type 3-3_serv	BOBJ1	67	149.8067	After	Interior Girder 2	25.9667	0.95	1	1	4.134808
Type 3-3_serv	BOBJ1	67	149.8067	After	Interior Girder 3	25.9667	0.95	1	1	4.010552
Type 3-3_serv	BOBJ1	67	149.8067	After	Interior Girder 4	25.9667	0.95	1	1	4.010552
Type 3-3_serv	BOBJ1	67	149.8067	After	Interior Girder 5	25.9667	0.95	1	1	4.134808
Type 3-3_serv	BOBJ1	67	149.8067	After	Interior Girder 6	25.9667	0.95	1	1	4.354104
Type 3-3_serv	BOBJ1	67	149.8067	After	Right Exterior Girder	25.9667	0.95	1	1	5.104319
Type 3-3_serv	BOBJ1	68	155.84	Before	Left Exterior Girder	32	0.95	1	1	4.26674
Type 3-3_serv	BOBJ1	68	155.84	Before	Interior Girder 1	32	0.95	1	1	4.224449
Type 3-3_serv	BOBJ1	68	155.84	Before	Interior Girder 2	32	0.95	1	1	3.984421
Type 3-3_serv	BOBJ1	68	155.84	Before	Interior Girder 3	32	0.95	1	1	3.90273
Type 3-3_serv	BOBJ1	68	155.84	Before	Interior Girder 4	32	0.95	1	1	3.90273
Type 3-3_serv	BOBJ1	68	155.84	Before	Interior Girder 5	32	0.95	1	1	3.984421
Type 3-3_serv	BOBJ1	68	155.84	Before	Interior Girder 6	32	0.95	1	1	4.224449
Type 3-3_serv	BOBJ1	68	155.84	Before	Right Exterior Girder	32	0.95	1	1	4.26674
Type 3-3_serv	BOBJ1	69	155.84	After	Left Exterior Girder	32	0.95	1	1	4.289378
Type 3-3_serv	BOBJ1	69	155.84	After	Interior Girder 1	32	0.95	1	1	4.206776
Type 3-3_serv	BOBJ1	69	155.84	After	Interior Girder 2	32	0.95	1	1	3.979362
Type 3-3_serv	BOBJ1	69	155.84	After	Interior Girder 3	32	0.95	1	1	3.897394
Type 3-3_serv	BOBJ1	69	155.84	After	Interior Girder 4	32	0.95	1	1	3.897394
Type 3-3_serv	BOBJ1	69	155.84	After	Interior Girder 5	32	0.95	1	1	3.979362
Type 3-3_serv	BOBJ1	69	155.84	After	Interior Girder 6	32	0.95	1	1	4.206776
Type 3-3_serv	BOBJ1	69	155.84	After	Right Exterior Girder	32	0.95	1	1	4.289378
Type 3-3_serv	BOBJ1	70	161.8733	Before	Left Exterior Girder	38.0333	0.95	1	1	4.621123
Type 3-3_serv	BOBJ1	70	161.8733	Before	Interior Girder 1	38.0333	0.95	1	1	4.097115
Type 3-3_serv	BOBJ1	70	161.8733	Before	Interior Girder 2	38.0333	0.95	1	1	3.877918
Type 3-3_serv	BOBJ1	70	161.8733	Before	Interior Girder 3	38.0333	0.95	1	1	3.777422
Type 3-3_serv	BOBJ1	70	161.8733	Before	Interior Girder 4	38.0333	0.95	1	1	3.777422
Type 3-3_serv	BOBJ1	70	161.8733	Before	Interior Girder 5	38.0333	0.95	1	1	3.877918
Type 3-3_serv	BOBJ1	70	161.8733	Before	Interior Girder 6	38.0333	0.95	1	1	4.097115
Type 3-3_serv	BOBJ1	70	161.8733	Before	Right Exterior Girder	38.0333	0.95	1	1	4.621123
Type 3-3_serv	BOBJ1	71	161.8733	After	Left Exterior Girder	38.0333	0.95	1	1	4.629903
Type 3-3_serv	BOBJ1	71	161.8733	After	Interior Girder 1	38.0333	0.95	1	1	4.081602
Type 3-3_serv	BOBJ1	71	161.8733	After	Interior Girder 2	38.0333	0.95	1	1	3.855606
Type 3-3_serv	BOBJ1	71	161.8733	After	Interior Girder 3	38.0333	0.95	1	1	3.746495
Type 3-3_serv	BOBJ1	71	161.8733	After	Interior Girder 4	38.0333	0.95	1	1	3.746495
Type 3-3_serv	BOBJ1	71	161.8733	After	Interior Girder 5	38.0333	0.95	1	1	3.855606
Type 3-3_serv	BOBJ1	71	161.8733	After	Interior Girder 6	38.0333	0.95	1	1	4.081602
Type 3-3_serv	BOBJ1	71	161.8733	After	Right Exterior Girder	38.0333	0.95	1	1	4.629903
Type 3-3_serv	BOBJ1	72	167.9067	Before	Left Exterior Girder	44.0667	0.95	1	1	5.717825
Type 3-3_serv	BOBJ1	72	167.9067	Before	Interior Girder 1	44.0667	0.95	1	1	4.675675
Type 3-3_serv	BOBJ1	72	167.9067	Before	Interior Girder 2	44.0667	0.95	1	1	4.410121
Type 3-3_serv	BOBJ1	72	167.9067	Before	Interior Girder 3	44.0667	0.95	1	1	4.283634
Type 3-3_serv	BOBJ1	72	167.9067	Before	Interior Girder 4	44.0667	0.95	1	1	4.283634
Type 3-3_serv	BOBJ1	72	167.9067	Before	Interior Girder 5	44.0667	0.95	1	1	4.410121
Type 3-3_serv	BOBJ1	72	167.9067	Before	Interior Girder 6	44.0667	0.95	1	1	4.675675
Type 3-3_serv	BOBJ1	72	167.9067	Before	Right Exterior Girder	44.0667	0.95	1	1	5.717825
Type 3-3_serv	BOBJ1	73	167.9067	After	Left Exterior Girder	44.0667	0.95	1	1	5.603554
Type 3-3_serv	BOBJ1	73	167.9067	After	Interior Girder 1	44.0667	0.95	1	1	4.725812
Type 3-3_serv	BOBJ1	73	167.9067	After	Interior Girder 2	44.0667	0.95	1	1	4.420511
Type 3-3_serv	BOBJ1	73	167.9067	After	Interior Girder 3	44.0667	0.95	1	1	4.249051
Type 3-3_serv	BOBJ1	73	167.9067	After	Interior Girder 4	44.0667	0.95	1	1	4.249051
Type 3-3_serv	BOBJ1	73	167.9067	After	Interior Girder 5	44.0667	0.95	1	1	4.420511
Type 3-3_serv	BOBJ1	73	167.9067	After	Interior Girder 6	44.0667	0.95	1	1	4.725812
Type 3-3_serv	BOBJ1	73	167.9067	After	Right Exterior Girder	44.0667	0.95	1	1	5.603554
Type 3-3_serv	BOBJ1	74	173.94	Before	Left Exterior Girder	50.1	0.95	1	1	8.111974
Type 3-3_serv	BOBJ1	74	173.94	Before	Interior Girder 1	50.1	0.95	1	1	6.851625
Type 3-3_serv	BOBJ1	74	173.94	Before	Interior Girder 2	50.1	0.95	1	1	6.204653
Type 3-3_serv	BOBJ1	74	173.94	Before	Interior Girder 3	50.1	0.95	1	1	6.100841
Type 3-3_serv	BOBJ1	74	173.94	Before	Interior Girder 4	50.1	0.95	1	1	6.100841

TABLE: Bridge Super Rating AASHTORATE18 31 - SteelICompServ-Flx - Approach, Span 12-15										
Request	BridgeObj	BridgeCut	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	Unitless	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Type 3-3_serv	BOBJ1	74	173.94	Before	Interior Girder 5	50.1	0.95	1	1	6.204653
Type 3-3_serv	BOBJ1	74	173.94	Before	Interior Girder 6	50.1	0.95	1	1	6.851625
Type 3-3_serv	BOBJ1	74	173.94	Before	Right Exterior Girder	50.1	0.95	1	1	8.111974
Type 3-3_serv	BOBJ1	75	173.94	After	Left Exterior Girder	50.1	0.95	1	1	8.0404
Type 3-3_serv	BOBJ1	75	173.94	After	Interior Girder 1	50.1	0.95	1	1	6.894311
Type 3-3_serv	BOBJ1	75	173.94	After	Interior Girder 2	50.1	0.95	1	1	6.182893
Type 3-3_serv	BOBJ1	75	173.94	After	Interior Girder 3	50.1	0.95	1	1	6.006892
Type 3-3_serv	BOBJ1	75	173.94	After	Interior Girder 4	50.1	0.95	1	1	6.006892
Type 3-3_serv	BOBJ1	75	173.94	After	Interior Girder 5	50.1	0.95	1	1	6.182893
Type 3-3_serv	BOBJ1	75	173.94	After	Interior Girder 6	50.1	0.95	1	1	6.894311
Type 3-3_serv	BOBJ1	75	173.94	After	Right Exterior Girder	50.1	0.95	1	1	8.0404
Type 3-3_serv	BOBJ1	76	179.98	Before	Left Exterior Girder	56.14	0.95	1	1	7.642942
Type 3-3_serv	BOBJ1	76	179.98	Before	Interior Girder 1	56.14	0.95	1	1	7.601363
Type 3-3_serv	BOBJ1	76	179.98	Before	Interior Girder 2	56.14	0.95	1	1	7.162934
Type 3-3_serv	BOBJ1	76	179.98	Before	Interior Girder 3	56.14	0.95	1	1	7.118017
Type 3-3_serv	BOBJ1	76	179.98	Before	Interior Girder 4	56.14	0.95	1	1	7.118017
Type 3-3_serv	BOBJ1	76	179.98	Before	Interior Girder 5	56.14	0.95	1	1	7.162934
Type 3-3_serv	BOBJ1	76	179.98	Before	Interior Girder 6	56.14	0.95	1	1	7.601363
Type 3-3_serv	BOBJ1	76	179.98	Before	Right Exterior Girder	56.14	0.95	1	1	7.642942
Type 3-3_serv	BOBJ1	77	179.98	After	Left Exterior Girder	56.14	0.95	1	1	7.711155
Type 3-3_serv	BOBJ1	77	179.98	After	Interior Girder 1	56.14	0.95	1	1	7.550092
Type 3-3_serv	BOBJ1	77	179.98	After	Interior Girder 2	56.14	0.95	1	1	7.05224
Type 3-3_serv	BOBJ1	77	179.98	After	Interior Girder 3	56.14	0.95	1	1	7.02798
Type 3-3_serv	BOBJ1	77	179.98	After	Interior Girder 4	56.14	0.95	1	1	7.02798
Type 3-3_serv	BOBJ1	77	179.98	After	Interior Girder 5	56.14	0.95	1	1	7.05224
Type 3-3_serv	BOBJ1	77	179.98	After	Interior Girder 6	56.14	0.95	1	1	7.550092
Type 3-3_serv	BOBJ1	77	179.98	After	Right Exterior Girder	56.14	0.95	1	1	7.711155
Type 3-3_serv	BOBJ1	78	183.56	Before	Left Exterior Girder	59.72	0.95	1	1	6.17696
Type 3-3_serv	BOBJ1	78	183.56	Before	Right Exterior Girder	59.72	0.95	1	1	6.17696
Type 3-3_serv	BOBJ1	79	183.56	After	Left Exterior Girder	59.72	0.95	1	1	14.037078
Type 3-3_serv	BOBJ1	79	183.56	After	Right Exterior Girder	59.72	0.95	1	1	14.037078
Type 3-3_serv	BOBJ1	80	186.02	Before	Left Exterior Girder	62.18	0.95	1	1	12.625755
Type 3-3_serv	BOBJ1	80	186.02	Before	Interior Girder 1	62.22	0.95	1	1	5.311723
Type 3-3_serv	BOBJ1	80	186.02	Before	Interior Girder 2	62.22	0.95	1	1	4.946698
Type 3-3_serv	BOBJ1	80	186.02	Before	Interior Girder 3	62.22	0.95	1	1	4.359403
Type 3-3_serv	BOBJ1	80	186.02	Before	Interior Girder 4	62.22	0.95	1	1	4.359403
Type 3-3_serv	BOBJ1	80	186.02	Before	Interior Girder 5	62.22	0.95	1	1	4.946698
Type 3-3_serv	BOBJ1	80	186.02	Before	Interior Girder 6	62.22	0.95	1	1	5.311723
Type 3-3_serv	BOBJ1	80	186.02	Before	Right Exterior Girder	62.18	0.95	1	1	12.625755
Type 3-3_serv	BOBJ1	81	186.02	After	Left Exterior Girder	62.18	0.95	1	1	12.71546
Type 3-3_serv	BOBJ1	81	186.02	After	Interior Girder 1	62.22	0.95	1	1	8.42818
Type 3-3_serv	BOBJ1	81	186.02	After	Interior Girder 2	62.22	0.95	1	1	7.730798
Type 3-3_serv	BOBJ1	81	186.02	After	Interior Girder 3	62.22	0.95	1	1	7.034503
Type 3-3_serv	BOBJ1	81	186.02	After	Interior Girder 4	62.22	0.95	1	1	7.034503
Type 3-3_serv	BOBJ1	81	186.02	After	Interior Girder 5	62.22	0.95	1	1	7.730798
Type 3-3_serv	BOBJ1	81	186.02	After	Interior Girder 6	62.22	0.95	1	1	8.42818
Type 3-3_serv	BOBJ1	81	186.02	After	Right Exterior Girder	62.18	0.95	1	1	12.71546
Type 3-3_serv	BOBJ1	82	192.06	Before	Left Exterior Girder	68.22	0.95	1	1	5.958768
Type 3-3_serv	BOBJ1	82	192.06	Before	Interior Girder 1	68.22	0.95	1	1	3.722144
Type 3-3_serv	BOBJ1	82	192.06	Before	Interior Girder 2	68.22	0.95	1	1	3.543034
Type 3-3_serv	BOBJ1	82	192.06	Before	Interior Girder 3	68.22	0.95	1	1	2.98944
Type 3-3_serv	BOBJ1	82	192.06	Before	Interior Girder 4	68.22	0.95	1	1	2.98944
Type 3-3_serv	BOBJ1	82	192.06	Before	Interior Girder 5	68.22	0.95	1	1	3.543034
Type 3-3_serv	BOBJ1	82	192.06	Before	Interior Girder 6	68.22	0.95	1	1	3.722144
Type 3-3_serv	BOBJ1	82	192.06	Before	Right Exterior Girder	68.22	0.95	1	1	5.958768
Type 3-3_serv	BOBJ1	83	192.06	After	Left Exterior Girder	0	0.95	1	1	5.710407
Type 3-3_serv	BOBJ1	83	192.06	After	Interior Girder 1	0	0.95	1	1	3.79706
Type 3-3_serv	BOBJ1	83	192.06	After	Interior Girder 2	0	0.95	1	1	3.576004
Type 3-3_serv	BOBJ1	83	192.06	After	Interior Girder 3	0	0.95	1	1	2.978722
Type 3-3_serv	BOBJ1	83	192.06	After	Interior Girder 4	0	0.95	1	1	2.978722
Type 3-3_serv	BOBJ1	83	192.06	After	Interior Girder 5	0	0.95	1	1	3.576004
Type 3-3_serv	BOBJ1	83	192.06	After	Interior Girder 6	0	0.95	1	1	3.79706
Type 3-3_serv	BOBJ1	83	192.06	After	Right Exterior Girder	0	0.95	1	1	5.710407
Type 3-3_serv	BOBJ1	84	197.087	Before	Interior Girder 1	5.027	0.95	1	1	5.622484
Type 3-3_serv	BOBJ1	84	197.087	Before	Interior Girder 2	5.027	0.95	1	1	5.286606
Type 3-3_serv	BOBJ1	84	197.087	Before	Interior Girder 3	5.027	0.95	1	1	5.182249
Type 3-3_serv	BOBJ1	84	197.087	Before	Interior Girder 4	5.027	0.95	1	1	5.182249
Type 3-3_serv	BOBJ1	84	197.087	Before	Interior Girder 5	5.027	0.95	1	1	5.286606
Type 3-3_serv	BOBJ1	84	197.087	Before	Interior Girder 6	5.027	0.95	1	1	5.622484
Type 3-3_serv	BOBJ1	85	197.087	After	Interior Girder 1	5.027	0.95	1	1	3.585824
Type 3-3_serv	BOBJ1	85	197.087	After	Interior Girder 2	5.027	0.95	1	1	3.373071
Type 3-3_serv	BOBJ1	85	197.087	After	Interior Girder 3	5.027	0.95	1	1	3.289803
Type 3-3_serv	BOBJ1	85	197.087	After	Interior Girder 4	5.027	0.95	1	1	3.289803

TABLE: Bridge Super Rating AASHTORATE18 31 - SteelCompServ-Flx - Approach, Span 12-15										
Request	BridgeObj	BridgeCut	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	Unitless	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Type 3-3_serv	BOBJ1	85	197.087	After	Interior Girder 5	5.027	0.95	1	1	3.373071
Type 3-3_serv	BOBJ1	85	197.087	After	Interior Girder 6	5.027	0.95	1	1	3.585824
Type 3-3_serv	BOBJ1	86	197.91	Before	Left Exterior Girder	5.85	0.95	1	1	7.932065
Type 3-3_serv	BOBJ1	86	197.91	Before	Interior Girder 1	5.85	0.95	1	1	3.761831
Type 3-3_serv	BOBJ1	86	197.91	Before	Interior Girder 2	5.85	0.95	1	1	3.514411
Type 3-3_serv	BOBJ1	86	197.91	Before	Interior Girder 3	5.85	0.95	1	1	3.487966
Type 3-3_serv	BOBJ1	86	197.91	Before	Interior Girder 4	5.85	0.95	1	1	3.487966
Type 3-3_serv	BOBJ1	86	197.91	Before	Interior Girder 5	5.85	0.95	1	1	3.514411
Type 3-3_serv	BOBJ1	86	197.91	Before	Interior Girder 6	5.85	0.95	1	1	3.761831
Type 3-3_serv	BOBJ1	86	197.91	Before	Right Exterior Girder	5.85	0.95	1	1	7.932065
Type 3-3_serv	BOBJ1	87	197.91	After	Left Exterior Girder	5.85	0.95	1	1	7.97133
Type 3-3_serv	BOBJ1	87	197.91	After	Interior Girder 1	5.85	0.95	1	1	3.767672
Type 3-3_serv	BOBJ1	87	197.91	After	Interior Girder 2	5.85	0.95	1	1	3.541802
Type 3-3_serv	BOBJ1	87	197.91	After	Interior Girder 3	5.85	0.95	1	1	3.491645
Type 3-3_serv	BOBJ1	87	197.91	After	Interior Girder 4	5.85	0.95	1	1	3.491645
Type 3-3_serv	BOBJ1	87	197.91	After	Interior Girder 5	5.85	0.95	1	1	3.541802
Type 3-3_serv	BOBJ1	87	197.91	After	Interior Girder 6	5.85	0.95	1	1	3.767672
Type 3-3_serv	BOBJ1	87	197.91	After	Right Exterior Girder	5.85	0.95	1	1	7.97133
Type 3-3_serv	BOBJ1	88	199.1816	Before	Left Exterior Girder	7.1216	0.95	1	1	8.420937
Type 3-3_serv	BOBJ1	88	199.1816	Before	Right Exterior Girder	7.1216	0.95	1	1	8.420937
Type 3-3_serv	BOBJ1	89	199.1816	After	Left Exterior Girder	7.1216	0.95	1	1	3.622921
Type 3-3_serv	BOBJ1	89	199.1816	After	Right Exterior Girder	7.1216	0.95	1	1	3.622921
Type 3-3_serv	BOBJ1	90	203.5267	Before	Left Exterior Girder	11.3107	0.95	1	1	4.780228
Type 3-3_serv	BOBJ1	90	203.5267	Before	Interior Girder 1	11.3107	0.95	1	1	4.984824
Type 3-3_serv	BOBJ1	90	203.5267	Before	Interior Girder 2	11.3107	0.95	1	1	4.706284
Type 3-3_serv	BOBJ1	90	203.5267	Before	Interior Girder 3	11.3107	0.95	1	1	4.857892
Type 3-3_serv	BOBJ1	90	203.5267	Before	Interior Girder 4	11.3107	0.95	1	1	4.857892
Type 3-3_serv	BOBJ1	90	203.5267	Before	Interior Girder 5	11.3107	0.95	1	1	4.706284
Type 3-3_serv	BOBJ1	90	203.5267	Before	Interior Girder 6	11.3107	0.95	1	1	4.984824
Type 3-3_serv	BOBJ1	90	203.5267	Before	Right Exterior Girder	11.3107	0.95	1	1	4.780228
Type 3-3_serv	BOBJ1	91	203.5267	After	Left Exterior Girder	11.3107	0.95	1	1	7.609055
Type 3-3_serv	BOBJ1	91	203.5267	After	Interior Girder 1	11.3107	0.95	1	1	7.857363
Type 3-3_serv	BOBJ1	91	203.5267	After	Interior Girder 2	11.3107	0.95	1	1	7.485408
Type 3-3_serv	BOBJ1	91	203.5267	After	Interior Girder 3	11.3107	0.95	1	1	7.690171
Type 3-3_serv	BOBJ1	91	203.5267	After	Interior Girder 4	11.3107	0.95	1	1	7.690171
Type 3-3_serv	BOBJ1	91	203.5267	After	Interior Girder 5	11.3107	0.95	1	1	7.485408
Type 3-3_serv	BOBJ1	91	203.5267	After	Interior Girder 6	11.3107	0.95	1	1	7.857363
Type 3-3_serv	BOBJ1	91	203.5267	After	Right Exterior Girder	11.3107	0.95	1	1	7.609055
Type 3-3_serv	BOBJ1	92	209.1433	Before	Left Exterior Girder	17.0833	0.95	1	1	9.57979
Type 3-3_serv	BOBJ1	92	209.1433	Before	Interior Girder 1	17.0833	0.95	1	1	7.974575
Type 3-3_serv	BOBJ1	92	209.1433	Before	Interior Girder 2	17.0833	0.95	1	1	7.381263
Type 3-3_serv	BOBJ1	92	209.1433	Before	Interior Girder 3	17.0833	0.95	1	1	7.180762
Type 3-3_serv	BOBJ1	92	209.1433	Before	Interior Girder 4	17.0833	0.95	1	1	7.180762
Type 3-3_serv	BOBJ1	92	209.1433	Before	Interior Girder 5	17.0833	0.95	1	1	7.381263
Type 3-3_serv	BOBJ1	92	209.1433	Before	Interior Girder 6	17.0833	0.95	1	1	7.974575
Type 3-3_serv	BOBJ1	92	209.1433	Before	Right Exterior Girder	17.0833	0.95	1	1	9.57979
Type 3-3_serv	BOBJ1	93	209.1433	After	Left Exterior Girder	17.0833	0.95	1	1	9.478802
Type 3-3_serv	BOBJ1	93	209.1433	After	Interior Girder 1	17.0833	0.95	1	1	8.009733
Type 3-3_serv	BOBJ1	93	209.1433	After	Interior Girder 2	17.0833	0.95	1	1	7.471523
Type 3-3_serv	BOBJ1	93	209.1433	After	Interior Girder 3	17.0833	0.95	1	1	7.311606
Type 3-3_serv	BOBJ1	93	209.1433	After	Interior Girder 4	17.0833	0.95	1	1	7.311606
Type 3-3_serv	BOBJ1	93	209.1433	After	Interior Girder 5	17.0833	0.95	1	1	7.471523
Type 3-3_serv	BOBJ1	93	209.1433	After	Interior Girder 6	17.0833	0.95	1	1	8.009733
Type 3-3_serv	BOBJ1	93	209.1433	After	Right Exterior Girder	17.0833	0.95	1	1	9.478802
Type 3-3_serv	BOBJ1	94	214.76	Before	Left Exterior Girder	22.7	0.95	1	1	7.419047
Type 3-3_serv	BOBJ1	94	214.76	Before	Interior Girder 1	22.7	0.95	1	1	6.620242
Type 3-3_serv	BOBJ1	94	214.76	Before	Interior Girder 2	22.7	0.95	1	1	6.150267
Type 3-3_serv	BOBJ1	94	214.76	Before	Interior Girder 3	22.7	0.95	1	1	5.95118
Type 3-3_serv	BOBJ1	94	214.76	Before	Interior Girder 4	22.7	0.95	1	1	5.95118
Type 3-3_serv	BOBJ1	94	214.76	Before	Interior Girder 5	22.7	0.95	1	1	6.150267
Type 3-3_serv	BOBJ1	94	214.76	Before	Interior Girder 6	22.7	0.95	1	1	6.620242
Type 3-3_serv	BOBJ1	94	214.76	Before	Right Exterior Girder	22.7	0.95	1	1	7.419047
Type 3-3_serv	BOBJ1	95	214.76	After	Left Exterior Girder	22.7	0.95	1	1	7.424449
Type 3-3_serv	BOBJ1	95	214.76	After	Interior Girder 1	22.7	0.95	1	1	6.593685
Type 3-3_serv	BOBJ1	95	214.76	After	Interior Girder 2	22.7	0.95	1	1	6.167212
Type 3-3_serv	BOBJ1	95	214.76	After	Interior Girder 3	22.7	0.95	1	1	5.981243
Type 3-3_serv	BOBJ1	95	214.76	After	Interior Girder 4	22.7	0.95	1	1	5.981243
Type 3-3_serv	BOBJ1	95	214.76	After	Interior Girder 5	22.7	0.95	1	1	6.167212
Type 3-3_serv	BOBJ1	95	214.76	After	Interior Girder 6	22.7	0.95	1	1	6.593685
Type 3-3_serv	BOBJ1	95	214.76	After	Right Exterior Girder	22.7	0.95	1	1	7.424449
Type 3-3_serv	BOBJ1	96	220.3767	Before	Left Exterior Girder	28.3167	0.95	1	1	6.721485
Type 3-3_serv	BOBJ1	96	220.3767	Before	Interior Girder 1	28.3167	0.95	1	1	5.667063
Type 3-3_serv	BOBJ1	96	220.3767	Before	Interior Girder 2	28.3167	0.95	1	1	5.327439

TABLE: Bridge Super Rating AASHTORATE18 31 - SteelICompServ-Flx - Approach, Span 12-15										
Request	BridgeObj	BridgeCut	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	Unitless	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Type 3-3_serv	BOBJ1	96	220.3767	Before	Interior Girder 3	28.3167	0.95	1	1	5.179687
Type 3-3_serv	BOBJ1	96	220.3767	Before	Interior Girder 4	28.3167	0.95	1	1	5.179687
Type 3-3_serv	BOBJ1	96	220.3767	Before	Interior Girder 5	28.3167	0.95	1	1	5.327439
Type 3-3_serv	BOBJ1	96	220.3767	Before	Interior Girder 6	28.3167	0.95	1	1	5.667063
Type 3-3_serv	BOBJ1	96	220.3767	Before	Right Exterior Girder	28.3167	0.95	1	1	6.721485
Type 3-3_serv	BOBJ1	97	220.3767	After	Left Exterior Girder	28.3167	0.95	1	1	6.757023
Type 3-3_serv	BOBJ1	97	220.3767	After	Interior Girder 1	28.3167	0.95	1	1	5.64714
Type 3-3_serv	BOBJ1	97	220.3767	After	Interior Girder 2	28.3167	0.95	1	1	5.318421
Type 3-3_serv	BOBJ1	97	220.3767	After	Interior Girder 3	28.3167	0.95	1	1	5.183219
Type 3-3_serv	BOBJ1	97	220.3767	After	Interior Girder 4	28.3167	0.95	1	1	5.183219
Type 3-3_serv	BOBJ1	97	220.3767	After	Interior Girder 5	28.3167	0.95	1	1	5.318421
Type 3-3_serv	BOBJ1	97	220.3767	After	Interior Girder 6	28.3167	0.95	1	1	5.64714
Type 3-3_serv	BOBJ1	97	220.3767	After	Right Exterior Girder	28.3167	0.95	1	1	6.757023
Type 3-3_serv	BOBJ1	98	225.9933	Before	Left Exterior Girder	33.9333	0.95	1	1	6.660742
Type 3-3_serv	BOBJ1	98	225.9933	Before	Interior Girder 1	33.9333	0.95	1	1	5.419269
Type 3-3_serv	BOBJ1	98	225.9933	Before	Interior Girder 2	33.9333	0.95	1	1	5.106304
Type 3-3_serv	BOBJ1	98	225.9933	Before	Interior Girder 3	33.9333	0.95	1	1	4.929507
Type 3-3_serv	BOBJ1	98	225.9933	Before	Interior Girder 4	33.9333	0.95	1	1	4.929507
Type 3-3_serv	BOBJ1	98	225.9933	Before	Interior Girder 5	33.9333	0.95	1	1	5.106304
Type 3-3_serv	BOBJ1	98	225.9933	Before	Interior Girder 6	33.9333	0.95	1	1	5.419269
Type 3-3_serv	BOBJ1	98	225.9933	Before	Right Exterior Girder	33.9333	0.95	1	1	6.660742
Type 3-3_serv	BOBJ1	99	225.9933	After	Left Exterior Girder	33.9333	0.95	1	1	6.607915
Type 3-3_serv	BOBJ1	99	225.9933	After	Interior Girder 1	33.9333	0.95	1	1	5.443937
Type 3-3_serv	BOBJ1	99	225.9933	After	Interior Girder 2	33.9333	0.95	1	1	5.100925
Type 3-3_serv	BOBJ1	99	225.9933	After	Interior Girder 3	33.9333	0.95	1	1	4.911434
Type 3-3_serv	BOBJ1	99	225.9933	After	Interior Girder 4	33.9333	0.95	1	1	4.911434
Type 3-3_serv	BOBJ1	99	225.9933	After	Interior Girder 5	33.9333	0.95	1	1	5.100925
Type 3-3_serv	BOBJ1	99	225.9933	After	Interior Girder 6	33.9333	0.95	1	1	5.443937
Type 3-3_serv	BOBJ1	99	225.9933	After	Right Exterior Girder	33.9333	0.95	1	1	6.607915
Type 3-3_serv	BOBJ1	100	231.61	Before	Left Exterior Girder	39.55	0.95	1	1	6.74953
Type 3-3_serv	BOBJ1	100	231.61	Before	Interior Girder 1	39.55	0.95	1	1	5.736429
Type 3-3_serv	BOBJ1	100	231.61	Before	Interior Girder 2	39.55	0.95	1	1	5.416284
Type 3-3_serv	BOBJ1	100	231.61	Before	Interior Girder 3	39.55	0.95	1	1	5.251998
Type 3-3_serv	BOBJ1	100	231.61	Before	Interior Girder 4	39.55	0.95	1	1	5.251998
Type 3-3_serv	BOBJ1	100	231.61	Before	Interior Girder 5	39.55	0.95	1	1	5.416284
Type 3-3_serv	BOBJ1	100	231.61	Before	Interior Girder 6	39.55	0.95	1	1	5.736429
Type 3-3_serv	BOBJ1	100	231.61	Before	Right Exterior Girder	39.55	0.95	1	1	6.74953
Type 3-3_serv	BOBJ1	101	231.61	After	Left Exterior Girder	39.55	0.95	1	1	6.718259
Type 3-3_serv	BOBJ1	101	231.61	After	Interior Girder 1	39.55	0.95	1	1	5.748569
Type 3-3_serv	BOBJ1	101	231.61	After	Interior Girder 2	39.55	0.95	1	1	5.373601
Type 3-3_serv	BOBJ1	101	231.61	After	Interior Girder 3	39.55	0.95	1	1	5.182838
Type 3-3_serv	BOBJ1	101	231.61	After	Interior Girder 4	39.55	0.95	1	1	5.182838
Type 3-3_serv	BOBJ1	101	231.61	After	Interior Girder 5	39.55	0.95	1	1	5.373601
Type 3-3_serv	BOBJ1	101	231.61	After	Interior Girder 6	39.55	0.95	1	1	5.748569
Type 3-3_serv	BOBJ1	101	231.61	After	Right Exterior Girder	39.55	0.95	1	1	6.718259
Type 3-3_serv	BOBJ1	102	237.37	Before	Left Exterior Girder	45.31	0.95	1	1	8.928921
Type 3-3_serv	BOBJ1	102	237.37	Before	Interior Girder 1	45.31	0.95	1	1	6.805827
Type 3-3_serv	BOBJ1	102	237.37	Before	Interior Girder 2	45.31	0.95	1	1	6.451651
Type 3-3_serv	BOBJ1	102	237.37	Before	Interior Girder 3	45.31	0.95	1	1	6.164606
Type 3-3_serv	BOBJ1	102	237.37	Before	Interior Girder 4	45.31	0.95	1	1	6.164606
Type 3-3_serv	BOBJ1	102	237.37	Before	Interior Girder 5	45.31	0.95	1	1	6.451651
Type 3-3_serv	BOBJ1	102	237.37	Before	Interior Girder 6	45.31	0.95	1	1	6.805827
Type 3-3_serv	BOBJ1	102	237.37	Before	Right Exterior Girder	45.31	0.95	1	1	8.928921
Type 3-3_serv	BOBJ1	103	237.37	After	Left Exterior Girder	45.31	0.95	1	1	9.003591
Type 3-3_serv	BOBJ1	103	237.37	After	Interior Girder 1	45.31	0.95	1	1	6.788966
Type 3-3_serv	BOBJ1	103	237.37	After	Interior Girder 2	45.31	0.95	1	1	6.325714
Type 3-3_serv	BOBJ1	103	237.37	After	Interior Girder 3	45.31	0.95	1	1	5.994848
Type 3-3_serv	BOBJ1	103	237.37	After	Interior Girder 4	45.31	0.95	1	1	5.994848
Type 3-3_serv	BOBJ1	103	237.37	After	Interior Girder 5	45.31	0.95	1	1	6.325714
Type 3-3_serv	BOBJ1	103	237.37	After	Interior Girder 6	45.31	0.95	1	1	6.788966
Type 3-3_serv	BOBJ1	103	237.37	After	Right Exterior Girder	45.31	0.95	1	1	9.003591
Type 3-3_serv	BOBJ1	104	243.13	Before	Left Exterior Girder	51.07	0.95	1	1	15.32949
Type 3-3_serv	BOBJ1	104	243.13	Before	Interior Girder 1	51.07	0.95	1	1	10.818594
Type 3-3_serv	BOBJ1	104	243.13	Before	Interior Girder 2	51.07	0.95	1	1	10.316833
Type 3-3_serv	BOBJ1	104	243.13	Before	Interior Girder 3	51.07	0.95	1	1	9.331196
Type 3-3_serv	BOBJ1	104	243.13	Before	Interior Girder 4	51.07	0.95	1	1	9.331196
Type 3-3_serv	BOBJ1	104	243.13	Before	Interior Girder 5	51.07	0.95	1	1	10.316833
Type 3-3_serv	BOBJ1	104	243.13	Before	Interior Girder 6	51.07	0.95	1	1	10.818594
Type 3-3_serv	BOBJ1	104	243.13	Before	Right Exterior Girder	51.07	0.95	1	1	15.32949
Type 3-3_serv	BOBJ1	105	243.13	After	Left Exterior Girder	51.07	0.95	1	1	15.121947
Type 3-3_serv	BOBJ1	105	243.13	After	Interior Girder 1	51.07	0.95	1	1	10.745885
Type 3-3_serv	BOBJ1	105	243.13	After	Interior Girder 2	51.07	0.95	1	1	10.055859
Type 3-3_serv	BOBJ1	105	243.13	After	Interior Girder 3	51.07	0.95	1	1	8.854734

TABLE: Bridge Super Rating AASHTORATE18 31 - SteelICompServ-Flx - Approach, Span 12-15										
Request	BridgeObj	BridgeCut	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	Unitless	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Type 3-3_serv	BOBJ1	105	243.13	After	Interior Girder 4	51.07	0.95	1	1	8.854734
Type 3-3_serv	BOBJ1	105	243.13	After	Interior Girder 5	51.07	0.95	1	1	10.055859
Type 3-3_serv	BOBJ1	105	243.13	After	Interior Girder 6	51.07	0.95	1	1	10.745885
Type 3-3_serv	BOBJ1	105	243.13	After	Right Exterior Girder	51.07	0.95	1	1	15.121947
Type 3-3_serv	BOBJ1	106	248.89	Before	Left Exterior Girder	56.83	0.95	1	1	734.809203
Type 3-3_serv	BOBJ1	106	248.89	Before	Interior Girder 1	56.83	0.95	1	1	637.968095
Type 3-3_serv	BOBJ1	106	248.89	Before	Interior Girder 2	56.83	0.95	1	1	369.091459
Type 3-3_serv	BOBJ1	106	248.89	Before	Interior Girder 3	56.83	0.95	1	1	283.549505
Type 3-3_serv	BOBJ1	106	248.89	Before	Interior Girder 4	56.83	0.95	1	1	283.549505
Type 3-3_serv	BOBJ1	106	248.89	Before	Interior Girder 5	56.83	0.95	1	1	369.091459
Type 3-3_serv	BOBJ1	106	248.89	Before	Interior Girder 6	56.83	0.95	1	1	637.968095
Type 3-3_serv	BOBJ1	106	248.89	Before	Right Exterior Girder	56.83	0.95	1	1	734.809203
EV2_serv	BOBJ1	1	0	After	Left Exterior Girder	0	0.95	1	1	399.57602
EV2_serv	BOBJ1	1	0	After	Interior Girder 1	0	0.95	1	1	285.086298
EV2_serv	BOBJ1	1	0	After	Interior Girder 2	0	0.95	1	1	198.445638
EV2_serv	BOBJ1	1	0	After	Interior Girder 3	0	0.95	1	1	160.12069
EV2_serv	BOBJ1	1	0	After	Interior Girder 4	0	0.95	1	1	160.120691
EV2_serv	BOBJ1	1	0	After	Interior Girder 5	0	0.95	1	1	198.445637
EV2_serv	BOBJ1	1	0	After	Interior Girder 6	0	0.95	1	1	285.086298
EV2_serv	BOBJ1	1	0	After	Right Exterior Girder	0	0.95	1	1	399.57602
EV2_serv	BOBJ1	2	5.85	Before	Left Exterior Girder	5.85	0.95	1	1	10.403898
EV2_serv	BOBJ1	2	5.85	Before	Interior Girder 1	5.85	0.95	1	1	7.322489
EV2_serv	BOBJ1	2	5.85	Before	Interior Girder 2	5.85	0.95	1	1	6.78776
EV2_serv	BOBJ1	2	5.85	Before	Interior Girder 3	5.85	0.95	1	1	5.85143
EV2_serv	BOBJ1	2	5.85	Before	Interior Girder 4	5.85	0.95	1	1	5.85143
EV2_serv	BOBJ1	2	5.85	Before	Interior Girder 5	5.85	0.95	1	1	6.78776
EV2_serv	BOBJ1	2	5.85	Before	Interior Girder 6	5.85	0.95	1	1	7.322489
EV2_serv	BOBJ1	2	5.85	Before	Right Exterior Girder	5.85	0.95	1	1	10.403898
EV2_serv	BOBJ1	3	5.85	After	Left Exterior Girder	5.85	0.95	1	1	10.505085
EV2_serv	BOBJ1	3	5.85	After	Interior Girder 1	5.85	0.95	1	1	7.334269
EV2_serv	BOBJ1	3	5.85	After	Interior Girder 2	5.85	0.95	1	1	6.877605
EV2_serv	BOBJ1	3	5.85	After	Interior Girder 3	5.85	0.95	1	1	6.086446
EV2_serv	BOBJ1	3	5.85	After	Interior Girder 4	5.85	0.95	1	1	6.086446
EV2_serv	BOBJ1	3	5.85	After	Interior Girder 5	5.85	0.95	1	1	6.877605
EV2_serv	BOBJ1	3	5.85	After	Interior Girder 6	5.85	0.95	1	1	7.334269
EV2_serv	BOBJ1	3	5.85	After	Right Exterior Girder	5.85	0.95	1	1	10.505085
EV2_serv	BOBJ1	4	11.4667	Before	Left Exterior Girder	11.4667	0.95	1	1	5.842047
EV2_serv	BOBJ1	4	11.4667	Before	Interior Girder 1	11.4667	0.95	1	1	4.197951
EV2_serv	BOBJ1	4	11.4667	Before	Interior Girder 2	11.4667	0.95	1	1	3.945028
EV2_serv	BOBJ1	4	11.4667	Before	Interior Girder 3	11.4667	0.95	1	1	3.619118
EV2_serv	BOBJ1	4	11.4667	Before	Interior Girder 4	11.4667	0.95	1	1	3.619118
EV2_serv	BOBJ1	4	11.4667	Before	Interior Girder 5	11.4667	0.95	1	1	3.945028
EV2_serv	BOBJ1	4	11.4667	Before	Interior Girder 6	11.4667	0.95	1	1	4.197951
EV2_serv	BOBJ1	4	11.4667	Before	Right Exterior Girder	11.4667	0.95	1	1	5.842047
EV2_serv	BOBJ1	5	11.4667	After	Left Exterior Girder	11.4667	0.95	1	1	5.929365
EV2_serv	BOBJ1	5	11.4667	After	Interior Girder 1	11.4667	0.95	1	1	4.175659
EV2_serv	BOBJ1	5	11.4667	After	Interior Girder 2	11.4667	0.95	1	1	3.983297
EV2_serv	BOBJ1	5	11.4667	After	Interior Girder 3	11.4667	0.95	1	1	3.70421
EV2_serv	BOBJ1	5	11.4667	After	Interior Girder 4	11.4667	0.95	1	1	3.70421
EV2_serv	BOBJ1	5	11.4667	After	Interior Girder 5	11.4667	0.95	1	1	3.983297
EV2_serv	BOBJ1	5	11.4667	After	Interior Girder 6	11.4667	0.95	1	1	4.175659
EV2_serv	BOBJ1	5	11.4667	After	Right Exterior Girder	11.4667	0.95	1	1	5.929365
EV2_serv	BOBJ1	6	17.0833	Before	Left Exterior Girder	17.0833	0.95	1	1	4.480587
EV2_serv	BOBJ1	6	17.0833	Before	Interior Girder 1	17.0833	0.95	1	1	3.428146
EV2_serv	BOBJ1	6	17.0833	Before	Interior Girder 2	17.0833	0.95	1	1	3.25402
EV2_serv	BOBJ1	6	17.0833	Before	Interior Girder 3	17.0833	0.95	1	1	3.132682
EV2_serv	BOBJ1	6	17.0833	Before	Interior Girder 4	17.0833	0.95	1	1	3.132682
EV2_serv	BOBJ1	6	17.0833	Before	Interior Girder 5	17.0833	0.95	1	1	3.25402
EV2_serv	BOBJ1	6	17.0833	Before	Interior Girder 6	17.0833	0.95	1	1	3.428146
EV2_serv	BOBJ1	6	17.0833	Before	Right Exterior Girder	17.0833	0.95	1	1	4.480587
EV2_serv	BOBJ1	7	17.0833	After	Left Exterior Girder	17.0833	0.95	1	1	4.471522
EV2_serv	BOBJ1	7	17.0833	After	Interior Girder 1	17.0833	0.95	1	1	3.437965
EV2_serv	BOBJ1	7	17.0833	After	Interior Girder 2	17.0833	0.95	1	1	3.291804
EV2_serv	BOBJ1	7	17.0833	After	Interior Girder 3	17.0833	0.95	1	1	3.181384
EV2_serv	BOBJ1	7	17.0833	After	Interior Girder 4	17.0833	0.95	1	1	3.181384
EV2_serv	BOBJ1	7	17.0833	After	Interior Girder 5	17.0833	0.95	1	1	3.291804
EV2_serv	BOBJ1	7	17.0833	After	Interior Girder 6	17.0833	0.95	1	1	3.437965
EV2_serv	BOBJ1	7	17.0833	After	Right Exterior Girder	17.0833	0.95	1	1	4.471522
EV2_serv	BOBJ1	8	22.7	Before	Left Exterior Girder	22.7	0.95	1	1	4.023548
EV2_serv	BOBJ1	8	22.7	Before	Interior Girder 1	22.7	0.95	1	1	3.408545
EV2_serv	BOBJ1	8	22.7	Before	Interior Girder 2	22.7	0.95	1	1	3.243808
EV2_serv	BOBJ1	8	22.7	Before	Interior Girder 3	22.7	0.95	1	1	3.156269
EV2_serv	BOBJ1	8	22.7	Before	Interior Girder 4	22.7	0.95	1	1	3.156269

TABLE: Bridge Super Rating AASHTORATE18 31 - SteelICompServ-Flx - Approach, Span 12-15										
Request	BridgeObj	BridgeCut	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	Unitless	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
EV2_serv	BOBJ1	8	22.7	Before	Interior Girder 5	22.7	0.95	1	1	3.243808
EV2_serv	BOBJ1	8	22.7	Before	Interior Girder 6	22.7	0.95	1	1	3.408545
EV2_serv	BOBJ1	8	22.7	Before	Right Exterior Girder	22.7	0.95	1	1	4.023548
EV2_serv	BOBJ1	9	22.7	After	Left Exterior Girder	22.7	0.95	1	1	4.035644
EV2_serv	BOBJ1	9	22.7	After	Interior Girder 1	22.7	0.95	1	1	3.404161
EV2_serv	BOBJ1	9	22.7	After	Interior Girder 2	22.7	0.95	1	1	3.248013
EV2_serv	BOBJ1	9	22.7	After	Interior Girder 3	22.7	0.95	1	1	3.167702
EV2_serv	BOBJ1	9	22.7	After	Interior Girder 4	22.7	0.95	1	1	3.167702
EV2_serv	BOBJ1	9	22.7	After	Interior Girder 5	22.7	0.95	1	1	3.248013
EV2_serv	BOBJ1	9	22.7	After	Interior Girder 6	22.7	0.95	1	1	3.404161
EV2_serv	BOBJ1	9	22.7	After	Right Exterior Girder	22.7	0.95	1	1	4.035644
EV2_serv	BOBJ1	10	28.3167	Before	Left Exterior Girder	28.3167	0.95	1	1	4.415994
EV2_serv	BOBJ1	10	28.3167	Before	Interior Girder 1	28.3167	0.95	1	1	3.464181
EV2_serv	BOBJ1	10	28.3167	Before	Interior Girder 2	28.3167	0.95	1	1	3.304564
EV2_serv	BOBJ1	10	28.3167	Before	Interior Girder 3	28.3167	0.95	1	1	3.192503
EV2_serv	BOBJ1	10	28.3167	Before	Interior Girder 4	28.3167	0.95	1	1	3.192503
EV2_serv	BOBJ1	10	28.3167	Before	Interior Girder 5	28.3167	0.95	1	1	3.304564
EV2_serv	BOBJ1	10	28.3167	Before	Interior Girder 6	28.3167	0.95	1	1	3.464181
EV2_serv	BOBJ1	10	28.3167	Before	Right Exterior Girder	28.3167	0.95	1	1	4.415994
EV2_serv	BOBJ1	11	28.3167	After	Left Exterior Girder	28.3167	0.95	1	1	4.436791
EV2_serv	BOBJ1	11	28.3167	After	Interior Girder 1	28.3167	0.95	1	1	3.442669
EV2_serv	BOBJ1	11	28.3167	After	Interior Girder 2	28.3167	0.95	1	1	3.276823
EV2_serv	BOBJ1	11	28.3167	After	Interior Girder 3	28.3167	0.95	1	1	3.154878
EV2_serv	BOBJ1	11	28.3167	After	Interior Girder 4	28.3167	0.95	1	1	3.154878
EV2_serv	BOBJ1	11	28.3167	After	Interior Girder 5	28.3167	0.95	1	1	3.276823
EV2_serv	BOBJ1	11	28.3167	After	Interior Girder 6	28.3167	0.95	1	1	3.442669
EV2_serv	BOBJ1	11	28.3167	After	Right Exterior Girder	28.3167	0.95	1	1	4.436791
EV2_serv	BOBJ1	12	33.9333	Before	Left Exterior Girder	33.9333	0.95	1	1	5.222958
EV2_serv	BOBJ1	12	33.9333	Before	Interior Girder 1	33.9333	0.95	1	1	3.894608
EV2_serv	BOBJ1	12	33.9333	Before	Interior Girder 2	33.9333	0.95	1	1	3.707026
EV2_serv	BOBJ1	12	33.9333	Before	Interior Girder 3	33.9333	0.95	1	1	3.609485
EV2_serv	BOBJ1	12	33.9333	Before	Interior Girder 4	33.9333	0.95	1	1	3.609485
EV2_serv	BOBJ1	12	33.9333	Before	Interior Girder 5	33.9333	0.95	1	1	3.707026
EV2_serv	BOBJ1	12	33.9333	Before	Interior Girder 6	33.9333	0.95	1	1	3.894608
EV2_serv	BOBJ1	12	33.9333	Before	Right Exterior Girder	33.9333	0.95	1	1	5.222958
EV2_serv	BOBJ1	13	33.9333	After	Left Exterior Girder	33.9333	0.95	1	1	5.170535
EV2_serv	BOBJ1	13	33.9333	After	Interior Girder 1	33.9333	0.95	1	1	3.914179
EV2_serv	BOBJ1	13	33.9333	After	Interior Girder 2	33.9333	0.95	1	1	3.702166
EV2_serv	BOBJ1	13	33.9333	After	Interior Girder 3	33.9333	0.95	1	1	3.576045
EV2_serv	BOBJ1	13	33.9333	After	Interior Girder 4	33.9333	0.95	1	1	3.576045
EV2_serv	BOBJ1	13	33.9333	After	Interior Girder 5	33.9333	0.95	1	1	3.702166
EV2_serv	BOBJ1	13	33.9333	After	Interior Girder 6	33.9333	0.95	1	1	3.914179
EV2_serv	BOBJ1	13	33.9333	After	Right Exterior Girder	33.9333	0.95	1	1	5.170535
EV2_serv	BOBJ1	14	39.55	Before	Left Exterior Girder	39.55	0.95	1	1	6.938567
EV2_serv	BOBJ1	14	39.55	Before	Interior Girder 1	39.55	0.95	1	1	5.352486
EV2_serv	BOBJ1	14	39.55	Before	Interior Girder 2	39.55	0.95	1	1	4.969024
EV2_serv	BOBJ1	14	39.55	Before	Interior Girder 3	39.55	0.95	1	1	4.848464
EV2_serv	BOBJ1	14	39.55	Before	Interior Girder 4	39.55	0.95	1	1	4.848464
EV2_serv	BOBJ1	14	39.55	Before	Interior Girder 5	39.55	0.95	1	1	4.969024
EV2_serv	BOBJ1	14	39.55	Before	Interior Girder 6	39.55	0.95	1	1	5.352486
EV2_serv	BOBJ1	14	39.55	Before	Right Exterior Girder	39.55	0.95	1	1	6.938567
EV2_serv	BOBJ1	15	39.55	After	Left Exterior Girder	39.55	0.95	1	1	6.93893
EV2_serv	BOBJ1	15	39.55	After	Interior Girder 1	39.55	0.95	1	1	5.355992
EV2_serv	BOBJ1	15	39.55	After	Interior Girder 2	39.55	0.95	1	1	4.938784
EV2_serv	BOBJ1	15	39.55	After	Interior Girder 3	39.55	0.95	1	1	4.770865
EV2_serv	BOBJ1	15	39.55	After	Interior Girder 4	39.55	0.95	1	1	4.770865
EV2_serv	BOBJ1	15	39.55	After	Interior Girder 5	39.55	0.95	1	1	4.938784
EV2_serv	BOBJ1	15	39.55	After	Interior Girder 6	39.55	0.95	1	1	5.355992
EV2_serv	BOBJ1	15	39.55	After	Right Exterior Girder	39.55	0.95	1	1	6.93893
EV2_serv	BOBJ1	16	45.1733	Before	Left Exterior Girder	45.1226	0.95	1	1	6.123894
EV2_serv	BOBJ1	16	45.1733	Before	Interior Girder 1	45.1226	0.95	1	1	6.254584
EV2_serv	BOBJ1	16	45.1733	Before	Interior Girder 2	45.1226	0.95	1	1	6.005666
EV2_serv	BOBJ1	16	45.1733	Before	Interior Girder 3	45.1226	0.95	1	1	6.086168
EV2_serv	BOBJ1	16	45.1733	Before	Interior Girder 4	45.1226	0.95	1	1	6.086168
EV2_serv	BOBJ1	16	45.1733	Before	Interior Girder 5	45.1226	0.95	1	1	6.005666
EV2_serv	BOBJ1	16	45.1733	Before	Interior Girder 6	45.1226	0.95	1	1	6.254584
EV2_serv	BOBJ1	16	45.1733	Before	Right Exterior Girder	45.1226	0.95	1	1	6.123894
EV2_serv	BOBJ1	17	45.1733	After	Left Exterior Girder	45.1226	0.95	1	1	4.916212
EV2_serv	BOBJ1	17	45.1733	After	Interior Girder 1	45.1226	0.95	1	1	5.022855
EV2_serv	BOBJ1	17	45.1733	After	Interior Girder 2	45.1226	0.95	1	1	4.789127
EV2_serv	BOBJ1	17	45.1733	After	Interior Girder 3	45.1226	0.95	1	1	4.874549
EV2_serv	BOBJ1	17	45.1733	After	Interior Girder 4	45.1226	0.95	1	1	4.874549
EV2_serv	BOBJ1	17	45.1733	After	Interior Girder 5	45.1226	0.95	1	1	4.789127

TABLE: Bridge Super Rating AASHTORATE18 31 - SteelICompServ-Flx - Approach, Span 12-15										
Request	BridgeObj	BridgeCut	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	Unitless	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
EV2_serv	BOBJ1	17	45.1733	After	Interior Girder 6	45.1226	0.95	1	1	5.022855
EV2_serv	BOBJ1	17	45.1733	After	Right Exterior Girder	45.1226	0.95	1	1	4.916212
EV2_serv	BOBJ1	18	49.2561	Before	Left Exterior Girder	49.2561	0.95	1	1	3.775242
EV2_serv	BOBJ1	18	49.2561	Before	Right Exterior Girder	49.2561	0.95	1	1	3.775242
EV2_serv	BOBJ1	19	49.2561	After	Left Exterior Girder	49.2561	0.95	1	1	3.814413
EV2_serv	BOBJ1	19	49.2561	After	Right Exterior Girder	49.2561	0.95	1	1	3.814413
EV2_serv	BOBJ1	20	50.7967	Before	Left Exterior Girder	50.7967	0.95	1	1	7.65629
EV2_serv	BOBJ1	20	50.7967	Before	Interior Girder 1	50.7967	0.95	1	1	3.796353
EV2_serv	BOBJ1	20	50.7967	Before	Interior Girder 2	50.7967	0.95	1	1	3.594682
EV2_serv	BOBJ1	20	50.7967	Before	Interior Girder 3	50.7967	0.95	1	1	3.446327
EV2_serv	BOBJ1	20	50.7967	Before	Interior Girder 4	50.7967	0.95	1	1	3.446327
EV2_serv	BOBJ1	20	50.7967	Before	Interior Girder 5	50.7967	0.95	1	1	3.594682
EV2_serv	BOBJ1	20	50.7967	Before	Interior Girder 6	50.7967	0.95	1	1	3.796353
EV2_serv	BOBJ1	20	50.7967	Before	Right Exterior Girder	50.7967	0.95	1	1	7.65629
EV2_serv	BOBJ1	21	50.7967	After	Left Exterior Girder	50.7967	0.95	1	1	7.605391
EV2_serv	BOBJ1	21	50.7967	After	Interior Girder 1	50.7967	0.95	1	1	3.794537
EV2_serv	BOBJ1	21	50.7967	After	Interior Girder 2	50.7967	0.95	1	1	3.571653
EV2_serv	BOBJ1	21	50.7967	After	Interior Girder 3	50.7967	0.95	1	1	3.433032
EV2_serv	BOBJ1	21	50.7967	After	Interior Girder 4	50.7967	0.95	1	1	3.433032
EV2_serv	BOBJ1	21	50.7967	After	Interior Girder 5	50.7967	0.95	1	1	3.571653
EV2_serv	BOBJ1	21	50.7967	After	Interior Girder 6	50.7967	0.95	1	1	3.794537
EV2_serv	BOBJ1	21	50.7967	After	Right Exterior Girder	50.7967	0.95	1	1	7.605391
EV2_serv	BOBJ1	22	51.3989	Before	Interior Girder 1	51.3989	0.95	1	1	3.655509
EV2_serv	BOBJ1	22	51.3989	Before	Interior Girder 2	51.3989	0.95	1	1	3.456922
EV2_serv	BOBJ1	22	51.3989	Before	Interior Girder 3	51.3989	0.95	1	1	3.295835
EV2_serv	BOBJ1	22	51.3989	Before	Interior Girder 4	51.3989	0.95	1	1	3.295835
EV2_serv	BOBJ1	22	51.3989	Before	Interior Girder 5	51.3989	0.95	1	1	3.456922
EV2_serv	BOBJ1	22	51.3989	Before	Interior Girder 6	51.3989	0.95	1	1	3.655509
EV2_serv	BOBJ1	23	51.3989	After	Interior Girder 1	51.3989	0.95	1	1	5.3931
EV2_serv	BOBJ1	23	51.3989	After	Interior Girder 2	51.3989	0.95	1	1	5.064761
EV2_serv	BOBJ1	23	51.3989	After	Interior Girder 3	51.3989	0.95	1	1	4.87122
EV2_serv	BOBJ1	23	51.3989	After	Interior Girder 4	51.3989	0.95	1	1	4.87122
EV2_serv	BOBJ1	23	51.3989	After	Interior Girder 5	51.3989	0.95	1	1	5.064761
EV2_serv	BOBJ1	23	51.3989	After	Interior Girder 6	51.3989	0.95	1	1	5.3931
EV2_serv	BOBJ1	24	56.42	Before	Left Exterior Girder	56.42	0.95	1	1	5.795029
EV2_serv	BOBJ1	24	56.42	Before	Interior Girder 1	56.42	0.95	1	1	4.078946
EV2_serv	BOBJ1	24	56.42	Before	Interior Girder 2	56.42	0.95	1	1	3.734472
EV2_serv	BOBJ1	24	56.42	Before	Interior Girder 3	56.42	0.95	1	1	3.19932
EV2_serv	BOBJ1	24	56.42	Before	Interior Girder 4	56.42	0.95	1	1	3.19932
EV2_serv	BOBJ1	24	56.42	Before	Interior Girder 5	56.42	0.95	1	1	3.734472
EV2_serv	BOBJ1	24	56.42	Before	Interior Girder 6	56.42	0.95	1	1	4.078946
EV2_serv	BOBJ1	24	56.42	Before	Right Exterior Girder	56.42	0.95	1	1	5.795029
EV2_serv	BOBJ1	25	56.42	After	Left Exterior Girder	0	0.95	1	1	5.912027
EV2_serv	BOBJ1	25	56.42	After	Interior Girder 1	0	0.95	1	1	3.724587
EV2_serv	BOBJ1	25	56.42	After	Interior Girder 2	0	0.95	1	1	3.516708
EV2_serv	BOBJ1	25	56.42	After	Interior Girder 3	0	0.95	1	1	3.029613
EV2_serv	BOBJ1	25	56.42	After	Interior Girder 4	0	0.95	1	1	3.029613
EV2_serv	BOBJ1	25	56.42	After	Interior Girder 5	0	0.95	1	1	3.516708
EV2_serv	BOBJ1	25	56.42	After	Interior Girder 6	0	0.95	1	1	3.724587
EV2_serv	BOBJ1	25	56.42	After	Right Exterior Girder	0	0.95	1	1	5.912027
EV2_serv	BOBJ1	26	62.0367	Before	Left Exterior Girder	5.6167	0.95	1	1	9.674166
EV2_serv	BOBJ1	26	62.0367	Before	Interior Girder 1	5.6167	0.95	1	1	6.741982
EV2_serv	BOBJ1	26	62.0367	Before	Interior Girder 2	5.6167	0.95	1	1	6.210796
EV2_serv	BOBJ1	26	62.0367	Before	Interior Girder 3	5.6167	0.95	1	1	5.852682
EV2_serv	BOBJ1	26	62.0367	Before	Interior Girder 4	5.6167	0.95	1	1	5.852682
EV2_serv	BOBJ1	26	62.0367	Before	Interior Girder 5	5.6167	0.95	1	1	6.210796
EV2_serv	BOBJ1	26	62.0367	Before	Interior Girder 6	5.6167	0.95	1	1	6.741982
EV2_serv	BOBJ1	26	62.0367	Before	Right Exterior Girder	5.6167	0.95	1	1	9.674166
EV2_serv	BOBJ1	27	62.0367	After	Left Exterior Girder	5.6167	0.95	1	1	9.580276
EV2_serv	BOBJ1	27	62.0367	After	Interior Girder 1	5.6167	0.95	1	1	6.841398
EV2_serv	BOBJ1	27	62.0367	After	Interior Girder 2	5.6167	0.95	1	1	6.314124
EV2_serv	BOBJ1	27	62.0367	After	Interior Girder 3	5.6167	0.95	1	1	5.955196
EV2_serv	BOBJ1	27	62.0367	After	Interior Girder 4	5.6167	0.95	1	1	5.955196
EV2_serv	BOBJ1	27	62.0367	After	Interior Girder 5	5.6167	0.95	1	1	6.314124
EV2_serv	BOBJ1	27	62.0367	After	Interior Girder 6	5.6167	0.95	1	1	6.841398
EV2_serv	BOBJ1	27	62.0367	After	Right Exterior Girder	5.6167	0.95	1	1	9.580276
EV2_serv	BOBJ1	28	62.4203	Before	Interior Girder 1	6.0003	0.95	1	1	6.964782
EV2_serv	BOBJ1	28	62.4203	Before	Interior Girder 2	6.0003	0.95	1	1	6.421703
EV2_serv	BOBJ1	28	62.4203	Before	Interior Girder 3	6.0003	0.95	1	1	6.087101
EV2_serv	BOBJ1	28	62.4203	Before	Interior Girder 4	6.0003	0.95	1	1	6.087101
EV2_serv	BOBJ1	28	62.4203	Before	Interior Girder 5	6.0003	0.95	1	1	6.421703
EV2_serv	BOBJ1	28	62.4203	Before	Interior Girder 6	6.0003	0.95	1	1	6.964782
EV2_serv	BOBJ1	29	62.4203	After	Interior Girder 1	6.0003	0.95	1	1	4.710352

TABLE: Bridge Super Rating AASHTORATE18 31 - SteelICompServ-Flx - Approach, Span 12-15										
Request	BridgeObj	BridgeCut	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	Unitless	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
EV2_serv	BOBJ1	29	62.4203	After	Interior Girder 2	6.0003	0.95	1	1	4.394259
EV2_serv	BOBJ1	29	62.4203	After	Interior Girder 3	6.0003	0.95	1	1	4.119427
EV2_serv	BOBJ1	29	62.4203	After	Interior Girder 4	6.0003	0.95	1	1	4.119427
EV2_serv	BOBJ1	29	62.4203	After	Interior Girder 5	6.0003	0.95	1	1	4.394259
EV2_serv	BOBJ1	29	62.4203	After	Interior Girder 6	6.0003	0.95	1	1	4.710352
EV2_serv	BOBJ1	30	64.9204	Before	Left Exterior Girder	8.5004	0.95	1	1	10.822502
EV2_serv	BOBJ1	30	64.9204	Before	Right Exterior Girder	8.5004	0.95	1	1	10.822502
EV2_serv	BOBJ1	31	64.9204	After	Left Exterior Girder	8.5004	0.95	1	1	5.14399
EV2_serv	BOBJ1	31	64.9204	After	Right Exterior Girder	8.5004	0.95	1	1	5.14399
EV2_serv	BOBJ1	32	67.6533	Before	Left Exterior Girder	11.2333	0.95	1	1	6.098329
EV2_serv	BOBJ1	32	67.6533	Before	Interior Girder 1	11.2333	0.95	1	1	6.121192
EV2_serv	BOBJ1	32	67.6533	Before	Interior Girder 2	11.2333	0.95	1	1	5.741288
EV2_serv	BOBJ1	32	67.6533	Before	Interior Girder 3	11.2333	0.95	1	1	5.735015
EV2_serv	BOBJ1	32	67.6533	Before	Interior Girder 4	11.2333	0.95	1	1	5.735015
EV2_serv	BOBJ1	32	67.6533	Before	Interior Girder 5	11.2333	0.95	1	1	5.741288
EV2_serv	BOBJ1	32	67.6533	Before	Interior Girder 6	11.2333	0.95	1	1	6.121192
EV2_serv	BOBJ1	32	67.6533	Before	Right Exterior Girder	11.2333	0.95	1	1	6.098329
EV2_serv	BOBJ1	33	67.6533	After	Left Exterior Girder	11.2333	0.95	1	1	6.054046
EV2_serv	BOBJ1	33	67.6533	After	Interior Girder 1	11.2333	0.95	1	1	6.166109
EV2_serv	BOBJ1	33	67.6533	After	Interior Girder 2	11.2333	0.95	1	1	5.818012
EV2_serv	BOBJ1	33	67.6533	After	Interior Girder 3	11.2333	0.95	1	1	5.793598
EV2_serv	BOBJ1	33	67.6533	After	Interior Girder 4	11.2333	0.95	1	1	5.793598
EV2_serv	BOBJ1	33	67.6533	After	Interior Girder 5	11.2333	0.95	1	1	5.818012
EV2_serv	BOBJ1	33	67.6533	After	Interior Girder 6	11.2333	0.95	1	1	6.166109
EV2_serv	BOBJ1	33	67.6533	After	Right Exterior Girder	11.2333	0.95	1	1	6.054046
EV2_serv	BOBJ1	34	73.27	Before	Left Exterior Girder	16.85	0.95	1	1	6.923006
EV2_serv	BOBJ1	34	73.27	Before	Interior Girder 1	16.85	0.95	1	1	5.305295
EV2_serv	BOBJ1	34	73.27	Before	Interior Girder 2	16.85	0.95	1	1	4.828864
EV2_serv	BOBJ1	34	73.27	Before	Interior Girder 3	16.85	0.95	1	1	4.627543
EV2_serv	BOBJ1	34	73.27	Before	Interior Girder 4	16.85	0.95	1	1	4.627543
EV2_serv	BOBJ1	34	73.27	Before	Interior Girder 5	16.85	0.95	1	1	4.828864
EV2_serv	BOBJ1	34	73.27	Before	Interior Girder 6	16.85	0.95	1	1	5.305295
EV2_serv	BOBJ1	34	73.27	Before	Right Exterior Girder	16.85	0.95	1	1	6.923006
EV2_serv	BOBJ1	35	73.27	After	Left Exterior Girder	16.85	0.95	1	1	7.031398
EV2_serv	BOBJ1	35	73.27	After	Interior Girder 1	16.85	0.95	1	1	5.25982
EV2_serv	BOBJ1	35	73.27	After	Interior Girder 2	16.85	0.95	1	1	4.835173
EV2_serv	BOBJ1	35	73.27	After	Interior Girder 3	16.85	0.95	1	1	4.68496
EV2_serv	BOBJ1	35	73.27	After	Interior Girder 4	16.85	0.95	1	1	4.68496
EV2_serv	BOBJ1	35	73.27	After	Interior Girder 5	16.85	0.95	1	1	4.835173
EV2_serv	BOBJ1	35	73.27	After	Interior Girder 6	16.85	0.95	1	1	5.25982
EV2_serv	BOBJ1	35	73.27	After	Right Exterior Girder	16.85	0.95	1	1	7.031398
EV2_serv	BOBJ1	36	78.8867	Before	Left Exterior Girder	22.4667	0.95	1	1	4.917555
EV2_serv	BOBJ1	36	78.8867	Before	Interior Girder 1	22.4667	0.95	1	1	3.734843
EV2_serv	BOBJ1	36	78.8867	Before	Interior Girder 2	22.4667	0.95	1	1	3.52291
EV2_serv	BOBJ1	36	78.8867	Before	Interior Girder 3	22.4667	0.95	1	1	3.384819
EV2_serv	BOBJ1	36	78.8867	Before	Interior Girder 4	22.4667	0.95	1	1	3.384819
EV2_serv	BOBJ1	36	78.8867	Before	Interior Girder 5	22.4667	0.95	1	1	3.52291
EV2_serv	BOBJ1	36	78.8867	Before	Interior Girder 6	22.4667	0.95	1	1	3.734843
EV2_serv	BOBJ1	36	78.8867	Before	Right Exterior Girder	22.4667	0.95	1	1	4.917555
EV2_serv	BOBJ1	37	78.8867	After	Left Exterior Girder	22.4667	0.95	1	1	4.994373
EV2_serv	BOBJ1	37	78.8867	After	Interior Girder 1	22.4667	0.95	1	1	3.707249
EV2_serv	BOBJ1	37	78.8867	After	Interior Girder 2	22.4667	0.95	1	1	3.518093
EV2_serv	BOBJ1	37	78.8867	After	Interior Girder 3	22.4667	0.95	1	1	3.41211
EV2_serv	BOBJ1	37	78.8867	After	Interior Girder 4	22.4667	0.95	1	1	3.41211
EV2_serv	BOBJ1	37	78.8867	After	Interior Girder 5	22.4667	0.95	1	1	3.518093
EV2_serv	BOBJ1	37	78.8867	After	Interior Girder 6	22.4667	0.95	1	1	3.707249
EV2_serv	BOBJ1	37	78.8867	After	Right Exterior Girder	22.4667	0.95	1	1	4.994373
EV2_serv	BOBJ1	38	84.5033	Before	Left Exterior Girder	28.0833	0.95	1	1	4.009561
EV2_serv	BOBJ1	38	84.5033	Before	Interior Girder 1	28.0833	0.95	1	1	3.198545
EV2_serv	BOBJ1	38	84.5033	Before	Interior Girder 2	28.0833	0.95	1	1	3.050205
EV2_serv	BOBJ1	38	84.5033	Before	Interior Girder 3	28.0833	0.95	1	1	2.949642
EV2_serv	BOBJ1	38	84.5033	Before	Interior Girder 4	28.0833	0.95	1	1	2.949642
EV2_serv	BOBJ1	38	84.5033	Before	Interior Girder 5	28.0833	0.95	1	1	3.050205
EV2_serv	BOBJ1	38	84.5033	Before	Interior Girder 6	28.0833	0.95	1	1	3.198545
EV2_serv	BOBJ1	38	84.5033	Before	Right Exterior Girder	28.0833	0.95	1	1	4.009561
EV2_serv	BOBJ1	39	84.5033	After	Left Exterior Girder	28.0833	0.95	1	1	4.005154
EV2_serv	BOBJ1	39	84.5033	After	Interior Girder 1	28.0833	0.95	1	1	3.211642
EV2_serv	BOBJ1	39	84.5033	After	Interior Girder 2	28.0833	0.95	1	1	3.06934
EV2_serv	BOBJ1	39	84.5033	After	Interior Girder 3	28.0833	0.95	1	1	2.979428
EV2_serv	BOBJ1	39	84.5033	After	Interior Girder 4	28.0833	0.95	1	1	2.979428
EV2_serv	BOBJ1	39	84.5033	After	Interior Girder 5	28.0833	0.95	1	1	3.06934
EV2_serv	BOBJ1	39	84.5033	After	Interior Girder 6	28.0833	0.95	1	1	3.211642
EV2_serv	BOBJ1	39	84.5033	After	Right Exterior Girder	28.0833	0.95	1	1	4.005154

TABLE: Bridge Super Rating AASHTORATE18 31 - SteelICompServ-Flx - Approach, Span 12-15										
Request	BridgeObj	BridgeCut	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	Unitless	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
EV2_serv	BOBJ1	40	90.12	Before	Left Exterior Girder	33.7	0.95	1	1	3.642406
EV2_serv	BOBJ1	40	90.12	Before	Interior Girder 1	33.7	0.95	1	1	3.216733
EV2_serv	BOBJ1	40	90.12	Before	Interior Girder 2	33.7	0.95	1	1	3.065336
EV2_serv	BOBJ1	40	90.12	Before	Interior Girder 3	33.7	0.95	1	1	2.976147
EV2_serv	BOBJ1	40	90.12	Before	Interior Girder 4	33.7	0.95	1	1	2.976147
EV2_serv	BOBJ1	40	90.12	Before	Interior Girder 5	33.7	0.95	1	1	3.065336
EV2_serv	BOBJ1	40	90.12	Before	Interior Girder 6	33.7	0.95	1	1	3.216733
EV2_serv	BOBJ1	40	90.12	Before	Right Exterior Girder	33.7	0.95	1	1	3.642406
EV2_serv	BOBJ1	41	90.12	After	Left Exterior Girder	33.7	0.95	1	1	3.653385
EV2_serv	BOBJ1	41	90.12	After	Interior Girder 1	33.7	0.95	1	1	3.209708
EV2_serv	BOBJ1	41	90.12	After	Interior Girder 2	33.7	0.95	1	1	3.06053
EV2_serv	BOBJ1	41	90.12	After	Interior Girder 3	33.7	0.95	1	1	2.97237
EV2_serv	BOBJ1	41	90.12	After	Interior Girder 4	33.7	0.95	1	1	2.97237
EV2_serv	BOBJ1	41	90.12	After	Interior Girder 5	33.7	0.95	1	1	3.06053
EV2_serv	BOBJ1	41	90.12	After	Interior Girder 6	33.7	0.95	1	1	3.209708
EV2_serv	BOBJ1	41	90.12	After	Right Exterior Girder	33.7	0.95	1	1	3.653385
EV2_serv	BOBJ1	42	95.7367	Before	Left Exterior Girder	39.3167	0.95	1	1	3.974784
EV2_serv	BOBJ1	42	95.7367	Before	Interior Girder 1	39.3167	0.95	1	1	3.192605
EV2_serv	BOBJ1	42	95.7367	Before	Interior Girder 2	39.3167	0.95	1	1	3.052389
EV2_serv	BOBJ1	42	95.7367	Before	Interior Girder 3	39.3167	0.95	1	1	2.964036
EV2_serv	BOBJ1	42	95.7367	Before	Interior Girder 4	39.3167	0.95	1	1	2.964036
EV2_serv	BOBJ1	42	95.7367	Before	Interior Girder 5	39.3167	0.95	1	1	3.052389
EV2_serv	BOBJ1	42	95.7367	Before	Interior Girder 6	39.3167	0.95	1	1	3.192605
EV2_serv	BOBJ1	42	95.7367	Before	Right Exterior Girder	39.3167	0.95	1	1	3.974784
EV2_serv	BOBJ1	43	95.7367	After	Left Exterior Girder	39.3167	0.95	1	1	3.981562
EV2_serv	BOBJ1	43	95.7367	After	Interior Girder 1	39.3167	0.95	1	1	3.178407
EV2_serv	BOBJ1	43	95.7367	After	Interior Girder 2	39.3167	0.95	1	1	3.033445
EV2_serv	BOBJ1	43	95.7367	After	Interior Girder 3	39.3167	0.95	1	1	2.935456
EV2_serv	BOBJ1	43	95.7367	After	Interior Girder 4	39.3167	0.95	1	1	2.935456
EV2_serv	BOBJ1	43	95.7367	After	Interior Girder 5	39.3167	0.95	1	1	3.033445
EV2_serv	BOBJ1	43	95.7367	After	Interior Girder 6	39.3167	0.95	1	1	3.178407
EV2_serv	BOBJ1	43	95.7367	After	Right Exterior Girder	39.3167	0.95	1	1	3.981562
EV2_serv	BOBJ1	44	101.3533	Before	Left Exterior Girder	44.9333	0.95	1	1	4.882166
EV2_serv	BOBJ1	44	101.3533	Before	Interior Girder 1	44.9333	0.95	1	1	3.664743
EV2_serv	BOBJ1	44	101.3533	Before	Interior Girder 2	44.9333	0.95	1	1	3.47843
EV2_serv	BOBJ1	44	101.3533	Before	Interior Girder 3	44.9333	0.95	1	1	3.382397
EV2_serv	BOBJ1	44	101.3533	Before	Interior Girder 4	44.9333	0.95	1	1	3.382397
EV2_serv	BOBJ1	44	101.3533	Before	Interior Girder 5	44.9333	0.95	1	1	3.47843
EV2_serv	BOBJ1	44	101.3533	Before	Interior Girder 6	44.9333	0.95	1	1	3.664743
EV2_serv	BOBJ1	44	101.3533	Before	Right Exterior Girder	44.9333	0.95	1	1	4.882166
EV2_serv	BOBJ1	45	101.3533	After	Left Exterior Girder	44.9333	0.95	1	1	4.809771
EV2_serv	BOBJ1	45	101.3533	After	Interior Girder 1	44.9333	0.95	1	1	3.690744
EV2_serv	BOBJ1	45	101.3533	After	Interior Girder 2	44.9333	0.95	1	1	3.484497
EV2_serv	BOBJ1	45	101.3533	After	Interior Girder 3	44.9333	0.95	1	1	3.35688
EV2_serv	BOBJ1	45	101.3533	After	Interior Girder 4	44.9333	0.95	1	1	3.35688
EV2_serv	BOBJ1	45	101.3533	After	Interior Girder 5	44.9333	0.95	1	1	3.484497
EV2_serv	BOBJ1	45	101.3533	After	Interior Girder 6	44.9333	0.95	1	1	3.690744
EV2_serv	BOBJ1	45	101.3533	After	Right Exterior Girder	44.9333	0.95	1	1	4.809771
EV2_serv	BOBJ1	46	106.97	Before	Left Exterior Girder	50.55	0.95	1	1	6.732408
EV2_serv	BOBJ1	46	106.97	Before	Interior Girder 1	50.55	0.95	1	1	5.155351
EV2_serv	BOBJ1	46	106.97	Before	Interior Girder 2	50.55	0.95	1	1	4.738135
EV2_serv	BOBJ1	46	106.97	Before	Interior Girder 3	50.55	0.95	1	1	4.612027
EV2_serv	BOBJ1	46	106.97	Before	Interior Girder 4	50.55	0.95	1	1	4.612027
EV2_serv	BOBJ1	46	106.97	Before	Interior Girder 5	50.55	0.95	1	1	4.738135
EV2_serv	BOBJ1	46	106.97	Before	Interior Girder 6	50.55	0.95	1	1	5.155351
EV2_serv	BOBJ1	46	106.97	Before	Right Exterior Girder	50.55	0.95	1	1	6.732408
EV2_serv	BOBJ1	47	106.97	After	Left Exterior Girder	50.55	0.95	1	1	6.683539
EV2_serv	BOBJ1	47	106.97	After	Interior Girder 1	50.55	0.95	1	1	5.164032
EV2_serv	BOBJ1	47	106.97	After	Interior Girder 2	50.55	0.95	1	1	4.716782
EV2_serv	BOBJ1	47	106.97	After	Interior Girder 3	50.55	0.95	1	1	4.541507
EV2_serv	BOBJ1	47	106.97	After	Interior Girder 4	50.55	0.95	1	1	4.541507
EV2_serv	BOBJ1	47	106.97	After	Interior Girder 5	50.55	0.95	1	1	4.716782
EV2_serv	BOBJ1	47	106.97	After	Interior Girder 6	50.55	0.95	1	1	5.164032
EV2_serv	BOBJ1	47	106.97	After	Right Exterior Girder	50.55	0.95	1	1	6.683539
EV2_serv	BOBJ1	48	112.5933	Before	Left Exterior Girder	56.1733	0.95	1	1	5.060994
EV2_serv	BOBJ1	48	112.5933	Before	Interior Girder 1	56.1733	0.95	1	1	5.228603
EV2_serv	BOBJ1	48	112.5933	Before	Interior Girder 2	56.1733	0.95	1	1	4.973613
EV2_serv	BOBJ1	48	112.5933	Before	Interior Girder 3	56.1733	0.95	1	1	5.037729
EV2_serv	BOBJ1	48	112.5933	Before	Interior Girder 4	56.1733	0.95	1	1	5.037729
EV2_serv	BOBJ1	48	112.5933	Before	Interior Girder 5	56.1733	0.95	1	1	4.973613
EV2_serv	BOBJ1	48	112.5933	Before	Interior Girder 6	56.1733	0.95	1	1	5.228603
EV2_serv	BOBJ1	48	112.5933	Before	Right Exterior Girder	56.1733	0.95	1	1	5.060994
EV2_serv	BOBJ1	49	112.5933	After	Left Exterior Girder	56.1733	0.95	1	1	5.08982

TABLE: Bridge Super Rating AASHTORATE18 31 - SteelICompServ-Flx - Approach, Span 12-15										
Request	BridgeObj	BridgeCut	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	Unitless	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
EV2_serv	BOBJ1	49	112.5933	After	Interior Girder 1	56.1733	0.95	1	1	5.202257
EV2_serv	BOBJ1	49	112.5933	After	Interior Girder 2	56.1733	0.95	1	1	4.927379
EV2_serv	BOBJ1	49	112.5933	After	Interior Girder 3	56.1733	0.95	1	1	5.004264
EV2_serv	BOBJ1	49	112.5933	After	Interior Girder 4	56.1733	0.95	1	1	5.004264
EV2_serv	BOBJ1	49	112.5933	After	Interior Girder 5	56.1733	0.95	1	1	4.927379
EV2_serv	BOBJ1	49	112.5933	After	Interior Girder 6	56.1733	0.95	1	1	5.202257
EV2_serv	BOBJ1	49	112.5933	After	Right Exterior Girder	56.1733	0.95	1	1	5.08982
EV2_serv	BOBJ1	50	115.3396	Before	Left Exterior Girder	58.9196	0.95	1	1	4.275562
EV2_serv	BOBJ1	50	115.3396	Before	Right Exterior Girder	58.9196	0.95	1	1	4.275562
EV2_serv	BOBJ1	51	115.3396	After	Left Exterior Girder	58.9196	0.95	1	1	9.043885
EV2_serv	BOBJ1	51	115.3396	After	Right Exterior Girder	58.9196	0.95	1	1	9.043885
EV2_serv	BOBJ1	52	118.2167	Before	Left Exterior Girder	61.7967	0.95	1	1	8.016385
EV2_serv	BOBJ1	52	118.2167	Before	Interior Girder 1	61.9198	0.95	1	1	3.876611
EV2_serv	BOBJ1	52	118.2167	Before	Interior Girder 2	61.9198	0.95	1	1	3.681134
EV2_serv	BOBJ1	52	118.2167	Before	Interior Girder 3	61.9198	0.95	1	1	3.520867
EV2_serv	BOBJ1	52	118.2167	Before	Interior Girder 4	61.9198	0.95	1	1	3.520867
EV2_serv	BOBJ1	52	118.2167	Before	Interior Girder 5	61.9198	0.95	1	1	3.681134
EV2_serv	BOBJ1	52	118.2167	Before	Interior Girder 6	61.9198	0.95	1	1	3.876611
EV2_serv	BOBJ1	52	118.2167	Before	Right Exterior Girder	61.7967	0.95	1	1	8.016385
EV2_serv	BOBJ1	53	118.2167	After	Left Exterior Girder	61.7967	0.95	1	1	8.016648
EV2_serv	BOBJ1	53	118.2167	After	Interior Girder 1	61.9198	0.95	1	1	5.771205
EV2_serv	BOBJ1	53	118.2167	After	Interior Girder 2	61.9198	0.95	1	1	5.372273
EV2_serv	BOBJ1	53	118.2167	After	Interior Girder 3	61.9198	0.95	1	1	5.197362
EV2_serv	BOBJ1	53	118.2167	After	Interior Girder 4	61.9198	0.95	1	1	5.197362
EV2_serv	BOBJ1	53	118.2167	After	Interior Girder 5	61.9198	0.95	1	1	5.372273
EV2_serv	BOBJ1	53	118.2167	After	Interior Girder 6	61.9198	0.95	1	1	5.771205
EV2_serv	BOBJ1	53	118.2167	After	Right Exterior Girder	61.7967	0.95	1	1	8.016648
EV2_serv	BOBJ1	54	123.84	Before	Left Exterior Girder	67.42	0.95	1	1	5.982099
EV2_serv	BOBJ1	54	123.84	Before	Interior Girder 1	67.42	0.95	1	1	3.911186
EV2_serv	BOBJ1	54	123.84	Before	Interior Girder 2	67.42	0.95	1	1	3.597783
EV2_serv	BOBJ1	54	123.84	Before	Interior Girder 3	67.42	0.95	1	1	3.045077
EV2_serv	BOBJ1	54	123.84	Before	Interior Girder 4	67.42	0.95	1	1	3.045077
EV2_serv	BOBJ1	54	123.84	Before	Interior Girder 5	67.42	0.95	1	1	3.597783
EV2_serv	BOBJ1	54	123.84	Before	Interior Girder 6	67.42	0.95	1	1	3.911186
EV2_serv	BOBJ1	54	123.84	Before	Right Exterior Girder	67.42	0.95	1	1	5.982099
EV2_serv	BOBJ1	55	123.84	After	Left Exterior Girder	0	0.95	1	1	5.943778
EV2_serv	BOBJ1	55	123.84	After	Interior Girder 1	0	0.95	1	1	3.92541
EV2_serv	BOBJ1	55	123.84	After	Interior Girder 2	0	0.95	1	1	3.597488
EV2_serv	BOBJ1	55	123.84	After	Interior Girder 3	0	0.95	1	1	3.053464
EV2_serv	BOBJ1	55	123.84	After	Interior Girder 4	0	0.95	1	1	3.053464
EV2_serv	BOBJ1	55	123.84	After	Interior Girder 5	0	0.95	1	1	3.597488
EV2_serv	BOBJ1	55	123.84	After	Interior Girder 6	0	0.95	1	1	3.92541
EV2_serv	BOBJ1	55	123.84	After	Right Exterior Girder	0	0.95	1	1	5.943778
EV2_serv	BOBJ1	56	129.34	Before	Interior Girder 1	5.5	0.95	1	1	5.867131
EV2_serv	BOBJ1	56	129.34	Before	Interior Girder 2	5.5	0.95	1	1	5.478482
EV2_serv	BOBJ1	56	129.34	Before	Interior Girder 3	5.5	0.95	1	1	5.253578
EV2_serv	BOBJ1	56	129.34	Before	Interior Girder 4	5.5	0.95	1	1	5.253578
EV2_serv	BOBJ1	56	129.34	Before	Interior Girder 5	5.5	0.95	1	1	5.478482
EV2_serv	BOBJ1	56	129.34	Before	Interior Girder 6	5.5	0.95	1	1	5.867131
EV2_serv	BOBJ1	57	129.34	After	Interior Girder 1	5.5	0.95	1	1	3.990646
EV2_serv	BOBJ1	57	129.34	After	Interior Girder 2	5.5	0.95	1	1	3.749299
EV2_serv	BOBJ1	57	129.34	After	Interior Girder 3	5.5	0.95	1	1	3.566192
EV2_serv	BOBJ1	57	129.34	After	Interior Girder 4	5.5	0.95	1	1	3.566192
EV2_serv	BOBJ1	57	129.34	After	Interior Girder 5	5.5	0.95	1	1	3.749299
EV2_serv	BOBJ1	57	129.34	After	Interior Girder 6	5.5	0.95	1	1	3.990646
EV2_serv	BOBJ1	58	130.79	Before	Left Exterior Girder	6.95	0.95	1	1	8.561006
EV2_serv	BOBJ1	58	130.79	Before	Interior Girder 1	6.95	0.95	1	1	4.345864
EV2_serv	BOBJ1	58	130.79	Before	Interior Girder 2	6.95	0.95	1	1	4.052673
EV2_serv	BOBJ1	58	130.79	Before	Interior Girder 3	6.95	0.95	1	1	3.938406
EV2_serv	BOBJ1	58	130.79	Before	Interior Girder 4	6.95	0.95	1	1	3.938406
EV2_serv	BOBJ1	58	130.79	Before	Interior Girder 5	6.95	0.95	1	1	4.052673
EV2_serv	BOBJ1	58	130.79	Before	Interior Girder 6	6.95	0.95	1	1	4.345864
EV2_serv	BOBJ1	58	130.79	Before	Right Exterior Girder	6.95	0.95	1	1	8.561006
EV2_serv	BOBJ1	59	130.79	After	Left Exterior Girder	6.95	0.95	1	1	8.633578
EV2_serv	BOBJ1	59	130.79	After	Interior Girder 1	6.95	0.95	1	1	4.3233
EV2_serv	BOBJ1	59	130.79	After	Interior Girder 2	6.95	0.95	1	1	4.087631
EV2_serv	BOBJ1	59	130.79	After	Interior Girder 3	6.95	0.95	1	1	3.964767
EV2_serv	BOBJ1	59	130.79	After	Interior Girder 4	6.95	0.95	1	1	3.964767
EV2_serv	BOBJ1	59	130.79	After	Interior Girder 5	6.95	0.95	1	1	4.087631
EV2_serv	BOBJ1	59	130.79	After	Interior Girder 6	6.95	0.95	1	1	4.3233
EV2_serv	BOBJ1	59	130.79	After	Right Exterior Girder	6.95	0.95	1	1	8.633578
EV2_serv	BOBJ1	60	132.34	Before	Left Exterior Girder	8.5	0.95	1	1	9.255689
EV2_serv	BOBJ1	60	132.34	Before	Right Exterior Girder	8.5	0.95	1	1	9.255689

TABLE: Bridge Super Rating AASHTORATE18 31 - SteelICompServ-Flx - Approach, Span 12-15										
Request	BridgeObj	BridgeCut	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	Unitless	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
EV2_serv	BOBJ1	61	132.34	After	Left Exterior Girder	8.5	0.95	1	1	4.327548
EV2_serv	BOBJ1	61	132.34	After	Right Exterior Girder	8.5	0.95	1	1	4.327548
EV2_serv	BOBJ1	62	137.74	Before	Left Exterior Girder	13.9	0.95	1	1	5.959391
EV2_serv	BOBJ1	62	137.74	Before	Interior Girder 1	13.9	0.95	1	1	6.026812
EV2_serv	BOBJ1	62	137.74	Before	Interior Girder 2	13.9	0.95	1	1	5.810169
EV2_serv	BOBJ1	62	137.74	Before	Interior Girder 3	13.9	0.95	1	1	5.601689
EV2_serv	BOBJ1	62	137.74	Before	Interior Girder 4	13.9	0.95	1	1	5.601689
EV2_serv	BOBJ1	62	137.74	Before	Interior Girder 5	13.9	0.95	1	1	5.810169
EV2_serv	BOBJ1	62	137.74	Before	Interior Girder 6	13.9	0.95	1	1	6.026812
EV2_serv	BOBJ1	62	137.74	Before	Right Exterior Girder	13.9	0.95	1	1	5.959391
EV2_serv	BOBJ1	63	137.74	After	Left Exterior Girder	13.9	0.95	1	1	5.914652
EV2_serv	BOBJ1	63	137.74	After	Interior Girder 1	13.9	0.95	1	1	6.059518
EV2_serv	BOBJ1	63	137.74	After	Interior Girder 2	13.9	0.95	1	1	5.858972
EV2_serv	BOBJ1	63	137.74	After	Interior Girder 3	13.9	0.95	1	1	5.7054
EV2_serv	BOBJ1	63	137.74	After	Interior Girder 4	13.9	0.95	1	1	5.7054
EV2_serv	BOBJ1	63	137.74	After	Interior Girder 5	13.9	0.95	1	1	5.858972
EV2_serv	BOBJ1	63	137.74	After	Interior Girder 6	13.9	0.95	1	1	6.059518
EV2_serv	BOBJ1	63	137.74	After	Right Exterior Girder	13.9	0.95	1	1	5.914652
EV2_serv	BOBJ1	64	143.7733	Before	Left Exterior Girder	19.9333	0.95	1	1	5.647407
EV2_serv	BOBJ1	64	143.7733	Before	Interior Girder 1	19.9333	0.95	1	1	4.061833
EV2_serv	BOBJ1	64	143.7733	Before	Interior Girder 2	19.9333	0.95	1	1	3.81391
EV2_serv	BOBJ1	64	143.7733	Before	Interior Girder 3	19.9333	0.95	1	1	3.657384
EV2_serv	BOBJ1	64	143.7733	Before	Interior Girder 4	19.9333	0.95	1	1	3.657384
EV2_serv	BOBJ1	64	143.7733	Before	Interior Girder 5	19.9333	0.95	1	1	3.81391
EV2_serv	BOBJ1	64	143.7733	Before	Interior Girder 6	19.9333	0.95	1	1	4.061833
EV2_serv	BOBJ1	64	143.7733	Before	Right Exterior Girder	19.9333	0.95	1	1	5.647407
EV2_serv	BOBJ1	65	143.7733	After	Left Exterior Girder	19.9333	0.95	1	1	5.744905
EV2_serv	BOBJ1	65	143.7733	After	Interior Girder 1	19.9333	0.95	1	1	4.025556
EV2_serv	BOBJ1	65	143.7733	After	Interior Girder 2	19.9333	0.95	1	1	3.816487
EV2_serv	BOBJ1	65	143.7733	After	Interior Girder 3	19.9333	0.95	1	1	3.716992
EV2_serv	BOBJ1	65	143.7733	After	Interior Girder 4	19.9333	0.95	1	1	3.716992
EV2_serv	BOBJ1	65	143.7733	After	Interior Girder 5	19.9333	0.95	1	1	3.816487
EV2_serv	BOBJ1	65	143.7733	After	Interior Girder 6	19.9333	0.95	1	1	4.025556
EV2_serv	BOBJ1	65	143.7733	After	Right Exterior Girder	19.9333	0.95	1	1	5.744905
EV2_serv	BOBJ1	66	149.8067	Before	Left Exterior Girder	25.9667	0.95	1	1	4.206185
EV2_serv	BOBJ1	66	149.8067	Before	Interior Girder 1	25.9667	0.95	1	1	3.273034
EV2_serv	BOBJ1	66	149.8067	Before	Interior Girder 2	25.9667	0.95	1	1	3.111404
EV2_serv	BOBJ1	66	149.8067	Before	Interior Girder 3	25.9667	0.95	1	1	3.013764
EV2_serv	BOBJ1	66	149.8067	Before	Interior Girder 4	25.9667	0.95	1	1	3.013764
EV2_serv	BOBJ1	66	149.8067	Before	Interior Girder 5	25.9667	0.95	1	1	3.111404
EV2_serv	BOBJ1	66	149.8067	Before	Interior Girder 6	25.9667	0.95	1	1	3.273034
EV2_serv	BOBJ1	66	149.8067	Before	Right Exterior Girder	25.9667	0.95	1	1	4.206185
EV2_serv	BOBJ1	67	149.8067	After	Left Exterior Girder	25.9667	0.95	1	1	4.203599
EV2_serv	BOBJ1	67	149.8067	After	Interior Girder 1	25.9667	0.95	1	1	3.282518
EV2_serv	BOBJ1	67	149.8067	After	Interior Girder 2	25.9667	0.95	1	1	3.133746
EV2_serv	BOBJ1	67	149.8067	After	Interior Girder 3	25.9667	0.95	1	1	3.054188
EV2_serv	BOBJ1	67	149.8067	After	Interior Girder 4	25.9667	0.95	1	1	3.054188
EV2_serv	BOBJ1	67	149.8067	After	Interior Girder 5	25.9667	0.95	1	1	3.133746
EV2_serv	BOBJ1	67	149.8067	After	Interior Girder 6	25.9667	0.95	1	1	3.282518
EV2_serv	BOBJ1	67	149.8067	After	Right Exterior Girder	25.9667	0.95	1	1	4.203599
EV2_serv	BOBJ1	68	155.84	Before	Left Exterior Girder	32	0.95	1	1	3.597261
EV2_serv	BOBJ1	68	155.84	Before	Interior Girder 1	32	0.95	1	1	3.175222
EV2_serv	BOBJ1	68	155.84	Before	Interior Girder 2	32	0.95	1	1	3.022521
EV2_serv	BOBJ1	68	155.84	Before	Interior Girder 3	32	0.95	1	1	2.94182
EV2_serv	BOBJ1	68	155.84	Before	Interior Girder 4	32	0.95	1	1	2.94182
EV2_serv	BOBJ1	68	155.84	Before	Interior Girder 5	32	0.95	1	1	3.022521
EV2_serv	BOBJ1	68	155.84	Before	Interior Girder 6	32	0.95	1	1	3.175222
EV2_serv	BOBJ1	68	155.84	Before	Right Exterior Girder	32	0.95	1	1	3.597261
EV2_serv	BOBJ1	69	155.84	After	Left Exterior Girder	32	0.95	1	1	3.610608
EV2_serv	BOBJ1	69	155.84	After	Interior Girder 1	32	0.95	1	1	3.170136
EV2_serv	BOBJ1	69	155.84	After	Interior Girder 2	32	0.95	1	1	3.020847
EV2_serv	BOBJ1	69	155.84	After	Interior Girder 3	32	0.95	1	1	2.949042
EV2_serv	BOBJ1	69	155.84	After	Interior Girder 4	32	0.95	1	1	2.949042
EV2_serv	BOBJ1	69	155.84	After	Interior Girder 5	32	0.95	1	1	3.020847
EV2_serv	BOBJ1	69	155.84	After	Interior Girder 6	32	0.95	1	1	3.170136
EV2_serv	BOBJ1	69	155.84	After	Right Exterior Girder	32	0.95	1	1	3.610608
EV2_serv	BOBJ1	70	161.8733	Before	Left Exterior Girder	38.0333	0.95	1	1	3.861074
EV2_serv	BOBJ1	70	161.8733	Before	Interior Girder 1	38.0333	0.95	1	1	3.090353
EV2_serv	BOBJ1	70	161.8733	Before	Interior Girder 2	38.0333	0.95	1	1	2.951173
EV2_serv	BOBJ1	70	161.8733	Before	Interior Girder 3	38.0333	0.95	1	1	2.863327
EV2_serv	BOBJ1	70	161.8733	Before	Interior Girder 4	38.0333	0.95	1	1	2.863327
EV2_serv	BOBJ1	70	161.8733	Before	Interior Girder 5	38.0333	0.95	1	1	2.951173
EV2_serv	BOBJ1	70	161.8733	Before	Interior Girder 6	38.0333	0.95	1	1	3.090353

TABLE: Bridge Super Rating AASHTORATE18 31 - SteelICompServ-Flx - Approach, Span 12-15										
Request	BridgeObj	BridgeCut	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	Unitless	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
EV2_serv	BOBJ1	70	161.8733	Before	Right Exterior Girder	38.0333	0.95	1	1	3.861074
EV2_serv	BOBJ1	71	161.8733	After	Left Exterior Girder	38.0333	0.95	1	1	3.870412
EV2_serv	BOBJ1	71	161.8733	After	Interior Girder 1	38.0333	0.95	1	1	3.072239
EV2_serv	BOBJ1	71	161.8733	After	Interior Girder 2	38.0333	0.95	1	1	2.931117
EV2_serv	BOBJ1	71	161.8733	After	Interior Girder 3	38.0333	0.95	1	1	2.832324
EV2_serv	BOBJ1	71	161.8733	After	Interior Girder 4	38.0333	0.95	1	1	2.832324
EV2_serv	BOBJ1	71	161.8733	After	Interior Girder 5	38.0333	0.95	1	1	2.931117
EV2_serv	BOBJ1	71	161.8733	After	Interior Girder 6	38.0333	0.95	1	1	3.072239
EV2_serv	BOBJ1	71	161.8733	After	Right Exterior Girder	38.0333	0.95	1	1	3.870412
EV2_serv	BOBJ1	72	167.9067	Before	Left Exterior Girder	44.0667	0.95	1	1	4.69097
EV2_serv	BOBJ1	72	167.9067	Before	Interior Girder 1	44.0667	0.95	1	1	3.504495
EV2_serv	BOBJ1	72	167.9067	Before	Interior Girder 2	44.0667	0.95	1	1	3.322454
EV2_serv	BOBJ1	72	167.9067	Before	Interior Girder 3	44.0667	0.95	1	1	3.229202
EV2_serv	BOBJ1	72	167.9067	Before	Interior Girder 4	44.0667	0.95	1	1	3.229202
EV2_serv	BOBJ1	72	167.9067	Before	Interior Girder 5	44.0667	0.95	1	1	3.322454
EV2_serv	BOBJ1	72	167.9067	Before	Interior Girder 6	44.0667	0.95	1	1	3.504495
EV2_serv	BOBJ1	72	167.9067	Before	Right Exterior Girder	44.0667	0.95	1	1	4.69097
EV2_serv	BOBJ1	73	167.9067	After	Left Exterior Girder	44.0667	0.95	1	1	4.619932
EV2_serv	BOBJ1	73	167.9067	After	Interior Girder 1	44.0667	0.95	1	1	3.529875
EV2_serv	BOBJ1	73	167.9067	After	Interior Girder 2	44.0667	0.95	1	1	3.328583
EV2_serv	BOBJ1	73	167.9067	After	Interior Girder 3	44.0667	0.95	1	1	3.2015
EV2_serv	BOBJ1	73	167.9067	After	Interior Girder 4	44.0667	0.95	1	1	3.2015
EV2_serv	BOBJ1	73	167.9067	After	Interior Girder 5	44.0667	0.95	1	1	3.328583
EV2_serv	BOBJ1	73	167.9067	After	Interior Girder 6	44.0667	0.95	1	1	3.529875
EV2_serv	BOBJ1	73	167.9067	After	Right Exterior Girder	44.0667	0.95	1	1	4.619932
EV2_serv	BOBJ1	74	173.94	Before	Left Exterior Girder	50.1	0.95	1	1	6.477077
EV2_serv	BOBJ1	74	173.94	Before	Interior Girder 1	50.1	0.95	1	1	4.976835
EV2_serv	BOBJ1	74	173.94	Before	Interior Girder 2	50.1	0.95	1	1	4.55403
EV2_serv	BOBJ1	74	173.94	Before	Interior Girder 3	50.1	0.95	1	1	4.418712
EV2_serv	BOBJ1	74	173.94	Before	Interior Girder 4	50.1	0.95	1	1	4.418712
EV2_serv	BOBJ1	74	173.94	Before	Interior Girder 5	50.1	0.95	1	1	4.55403
EV2_serv	BOBJ1	74	173.94	Before	Interior Girder 6	50.1	0.95	1	1	4.976835
EV2_serv	BOBJ1	74	173.94	Before	Right Exterior Girder	50.1	0.95	1	1	6.477077
EV2_serv	BOBJ1	75	173.94	After	Left Exterior Girder	50.1	0.95	1	1	6.42641
EV2_serv	BOBJ1	75	173.94	After	Interior Girder 1	50.1	0.95	1	1	4.984539
EV2_serv	BOBJ1	75	173.94	After	Interior Girder 2	50.1	0.95	1	1	4.53265
EV2_serv	BOBJ1	75	173.94	After	Interior Girder 3	50.1	0.95	1	1	4.355839
EV2_serv	BOBJ1	75	173.94	After	Interior Girder 4	50.1	0.95	1	1	4.355839
EV2_serv	BOBJ1	75	173.94	After	Interior Girder 5	50.1	0.95	1	1	4.53265
EV2_serv	BOBJ1	75	173.94	After	Interior Girder 6	50.1	0.95	1	1	4.984539
EV2_serv	BOBJ1	75	173.94	After	Right Exterior Girder	50.1	0.95	1	1	6.42641
EV2_serv	BOBJ1	76	179.98	Before	Left Exterior Girder	56.14	0.95	1	1	6.714423
EV2_serv	BOBJ1	76	179.98	Before	Interior Girder 1	56.14	0.95	1	1	6.723961
EV2_serv	BOBJ1	76	179.98	Before	Interior Girder 2	56.14	0.95	1	1	6.334543
EV2_serv	BOBJ1	76	179.98	Before	Interior Girder 3	56.14	0.95	1	1	6.308515
EV2_serv	BOBJ1	76	179.98	Before	Interior Girder 4	56.14	0.95	1	1	6.308515
EV2_serv	BOBJ1	76	179.98	Before	Interior Girder 5	56.14	0.95	1	1	6.334543
EV2_serv	BOBJ1	76	179.98	Before	Interior Girder 6	56.14	0.95	1	1	6.723961
EV2_serv	BOBJ1	76	179.98	Before	Right Exterior Girder	56.14	0.95	1	1	6.714423
EV2_serv	BOBJ1	77	179.98	After	Left Exterior Girder	56.14	0.95	1	1	6.762246
EV2_serv	BOBJ1	77	179.98	After	Interior Girder 1	56.14	0.95	1	1	6.679374
EV2_serv	BOBJ1	77	179.98	After	Interior Girder 2	56.14	0.95	1	1	6.235157
EV2_serv	BOBJ1	77	179.98	After	Interior Girder 3	56.14	0.95	1	1	6.228717
EV2_serv	BOBJ1	77	179.98	After	Interior Girder 4	56.14	0.95	1	1	6.228717
EV2_serv	BOBJ1	77	179.98	After	Interior Girder 5	56.14	0.95	1	1	6.235157
EV2_serv	BOBJ1	77	179.98	After	Interior Girder 6	56.14	0.95	1	1	6.679374
EV2_serv	BOBJ1	77	179.98	After	Right Exterior Girder	56.14	0.95	1	1	6.762246
EV2_serv	BOBJ1	78	183.56	Before	Left Exterior Girder	59.72	0.95	1	1	5.437297
EV2_serv	BOBJ1	78	183.56	Before	Right Exterior Girder	59.72	0.95	1	1	5.437297
EV2_serv	BOBJ1	79	183.56	After	Left Exterior Girder	59.72	0.95	1	1	12.336164
EV2_serv	BOBJ1	79	183.56	After	Right Exterior Girder	59.72	0.95	1	1	12.336164
EV2_serv	BOBJ1	80	186.02	Before	Left Exterior Girder	62.18	0.95	1	1	11.15503
EV2_serv	BOBJ1	80	186.02	Before	Interior Girder 1	62.22	0.95	1	1	4.860595
EV2_serv	BOBJ1	80	186.02	Before	Interior Girder 2	62.22	0.95	1	1	4.571664
EV2_serv	BOBJ1	80	186.02	Before	Interior Girder 3	62.22	0.95	1	1	4.259507
EV2_serv	BOBJ1	80	186.02	Before	Interior Girder 4	62.22	0.95	1	1	4.259507
EV2_serv	BOBJ1	80	186.02	Before	Interior Girder 5	62.22	0.95	1	1	4.571664
EV2_serv	BOBJ1	80	186.02	Before	Interior Girder 6	62.22	0.95	1	1	4.860595
EV2_serv	BOBJ1	80	186.02	Before	Right Exterior Girder	62.18	0.95	1	1	11.15503
EV2_serv	BOBJ1	81	186.02	After	Left Exterior Girder	62.18	0.95	1	1	11.203904
EV2_serv	BOBJ1	81	186.02	After	Interior Girder 1	62.22	0.95	1	1	7.626348
EV2_serv	BOBJ1	81	186.02	After	Interior Girder 2	62.22	0.95	1	1	6.988414
EV2_serv	BOBJ1	81	186.02	After	Interior Girder 3	62.22	0.95	1	1	6.58324

TABLE: Bridge Super Rating AASHTORATE18 31 - SteelICompServ-Flx - Approach, Span 12-15										
Request	BridgeObj	BridgeCut	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	Unitless	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
EV2_serv	BOBJ1	81	186.02	After	Interior Girder 4	62.22	0.95	1	1	6.58324
EV2_serv	BOBJ1	81	186.02	After	Interior Girder 5	62.22	0.95	1	1	6.988414
EV2_serv	BOBJ1	81	186.02	After	Interior Girder 6	62.22	0.95	1	1	7.626348
EV2_serv	BOBJ1	81	186.02	After	Right Exterior Girder	62.18	0.95	1	1	11.203904
EV2_serv	BOBJ1	82	192.06	Before	Left Exterior Girder	68.22	0.95	1	1	5.938812
EV2_serv	BOBJ1	82	192.06	Before	Interior Girder 1	68.22	0.95	1	1	3.822997
EV2_serv	BOBJ1	82	192.06	Before	Interior Girder 2	68.22	0.95	1	1	3.585704
EV2_serv	BOBJ1	82	192.06	Before	Interior Girder 3	68.22	0.95	1	1	3.096601
EV2_serv	BOBJ1	82	192.06	Before	Interior Girder 4	68.22	0.95	1	1	3.096601
EV2_serv	BOBJ1	82	192.06	Before	Interior Girder 5	68.22	0.95	1	1	3.585704
EV2_serv	BOBJ1	82	192.06	Before	Interior Girder 6	68.22	0.95	1	1	3.822997
EV2_serv	BOBJ1	82	192.06	Before	Right Exterior Girder	68.22	0.95	1	1	5.938812
EV2_serv	BOBJ1	83	192.06	After	Left Exterior Girder	0	0.95	1	1	5.72707
EV2_serv	BOBJ1	83	192.06	After	Interior Girder 1	0	0.95	1	1	4.414558
EV2_serv	BOBJ1	83	192.06	After	Interior Girder 2	0	0.95	1	1	3.961779
EV2_serv	BOBJ1	83	192.06	After	Interior Girder 3	0	0.95	1	1	3.448243
EV2_serv	BOBJ1	83	192.06	After	Interior Girder 4	0	0.95	1	1	3.448243
EV2_serv	BOBJ1	83	192.06	After	Interior Girder 5	0	0.95	1	1	3.961779
EV2_serv	BOBJ1	83	192.06	After	Interior Girder 6	0	0.95	1	1	4.414558
EV2_serv	BOBJ1	83	192.06	After	Right Exterior Girder	0	0.95	1	1	5.72707
EV2_serv	BOBJ1	84	197.087	Before	Interior Girder 1	5.027	0.95	1	1	5.48556
EV2_serv	BOBJ1	84	197.087	Before	Interior Girder 2	5.027	0.95	1	1	5.107036
EV2_serv	BOBJ1	84	197.087	Before	Interior Girder 3	5.027	0.95	1	1	5.011521
EV2_serv	BOBJ1	84	197.087	Before	Interior Girder 4	5.027	0.95	1	1	5.011521
EV2_serv	BOBJ1	84	197.087	Before	Interior Girder 5	5.027	0.95	1	1	5.107036
EV2_serv	BOBJ1	84	197.087	Before	Interior Girder 6	5.027	0.95	1	1	5.48556
EV2_serv	BOBJ1	85	197.087	After	Interior Girder 1	5.027	0.95	1	1	3.490284
EV2_serv	BOBJ1	85	197.087	After	Interior Girder 2	5.027	0.95	1	1	3.258938
EV2_serv	BOBJ1	85	197.087	After	Interior Girder 3	5.027	0.95	1	1	3.177386
EV2_serv	BOBJ1	85	197.087	After	Interior Girder 4	5.027	0.95	1	1	3.177386
EV2_serv	BOBJ1	85	197.087	After	Interior Girder 5	5.027	0.95	1	1	3.258938
EV2_serv	BOBJ1	85	197.087	After	Interior Girder 6	5.027	0.95	1	1	3.490284
EV2_serv	BOBJ1	86	197.91	Before	Left Exterior Girder	5.85	0.95	1	1	7.59978
EV2_serv	BOBJ1	86	197.91	Before	Interior Girder 1	5.85	0.95	1	1	3.664048
EV2_serv	BOBJ1	86	197.91	Before	Interior Girder 2	5.85	0.95	1	1	3.399403
EV2_serv	BOBJ1	86	197.91	Before	Interior Girder 3	5.85	0.95	1	1	3.369242
EV2_serv	BOBJ1	86	197.91	Before	Interior Girder 4	5.85	0.95	1	1	3.369242
EV2_serv	BOBJ1	86	197.91	Before	Interior Girder 5	5.85	0.95	1	1	3.399403
EV2_serv	BOBJ1	86	197.91	Before	Interior Girder 6	5.85	0.95	1	1	3.664048
EV2_serv	BOBJ1	86	197.91	Before	Right Exterior Girder	5.85	0.95	1	1	7.59978
EV2_serv	BOBJ1	87	197.91	After	Left Exterior Girder	5.85	0.95	1	1	7.642375
EV2_serv	BOBJ1	87	197.91	After	Interior Girder 1	5.85	0.95	1	1	3.665077
EV2_serv	BOBJ1	87	197.91	After	Interior Girder 2	5.85	0.95	1	1	3.425179
EV2_serv	BOBJ1	87	197.91	After	Interior Girder 3	5.85	0.95	1	1	3.372496
EV2_serv	BOBJ1	87	197.91	After	Interior Girder 4	5.85	0.95	1	1	3.372496
EV2_serv	BOBJ1	87	197.91	After	Interior Girder 5	5.85	0.95	1	1	3.425179
EV2_serv	BOBJ1	87	197.91	After	Interior Girder 6	5.85	0.95	1	1	3.665077
EV2_serv	BOBJ1	87	197.91	After	Right Exterior Girder	5.85	0.95	1	1	7.642375
EV2_serv	BOBJ1	88	199.1816	Before	Left Exterior Girder	7.1216	0.95	1	1	8.068193
EV2_serv	BOBJ1	88	199.1816	Before	Right Exterior Girder	7.1216	0.95	1	1	8.068193
EV2_serv	BOBJ1	89	199.1816	After	Left Exterior Girder	7.1216	0.95	1	1	3.475974
EV2_serv	BOBJ1	89	199.1816	After	Right Exterior Girder	7.1216	0.95	1	1	3.475974
EV2_serv	BOBJ1	90	203.5267	Before	Left Exterior Girder	11.3107	0.95	1	1	4.585312
EV2_serv	BOBJ1	90	203.5267	Before	Interior Girder 1	11.3107	0.95	1	1	4.852456
EV2_serv	BOBJ1	90	203.5267	Before	Interior Girder 2	11.3107	0.95	1	1	4.566124
EV2_serv	BOBJ1	90	203.5267	Before	Interior Girder 3	11.3107	0.95	1	1	4.692702
EV2_serv	BOBJ1	90	203.5267	Before	Interior Girder 4	11.3107	0.95	1	1	4.692702
EV2_serv	BOBJ1	90	203.5267	Before	Interior Girder 5	11.3107	0.95	1	1	4.566124
EV2_serv	BOBJ1	90	203.5267	Before	Interior Girder 6	11.3107	0.95	1	1	4.852456
EV2_serv	BOBJ1	90	203.5267	Before	Right Exterior Girder	11.3107	0.95	1	1	4.585312
EV2_serv	BOBJ1	91	203.5267	After	Left Exterior Girder	11.3107	0.95	1	1	7.310862
EV2_serv	BOBJ1	91	203.5267	After	Interior Girder 1	11.3107	0.95	1	1	7.620991
EV2_serv	BOBJ1	91	203.5267	After	Interior Girder 2	11.3107	0.95	1	1	7.263446
EV2_serv	BOBJ1	91	203.5267	After	Interior Girder 3	11.3107	0.95	1	1	7.411949
EV2_serv	BOBJ1	91	203.5267	After	Interior Girder 4	11.3107	0.95	1	1	7.411949
EV2_serv	BOBJ1	91	203.5267	After	Interior Girder 5	11.3107	0.95	1	1	7.263446
EV2_serv	BOBJ1	91	203.5267	After	Interior Girder 6	11.3107	0.95	1	1	7.620991
EV2_serv	BOBJ1	91	203.5267	After	Right Exterior Girder	11.3107	0.95	1	1	7.310862
EV2_serv	BOBJ1	92	209.1433	Before	Left Exterior Girder	17.0833	0.95	1	1	7.546376
EV2_serv	BOBJ1	92	209.1433	Before	Interior Girder 1	17.0833	0.95	1	1	5.837801
EV2_serv	BOBJ1	92	209.1433	Before	Interior Girder 2	17.0833	0.95	1	1	5.443584
EV2_serv	BOBJ1	92	209.1433	Before	Interior Girder 3	17.0833	0.95	1	1	5.245786
EV2_serv	BOBJ1	92	209.1433	Before	Interior Girder 4	17.0833	0.95	1	1	5.245786

TABLE: Bridge Super Rating AASHTORATE18 31 - SteelICompServ-Flx - Approach, Span 12-15										
Request	BridgeObj	BridgeCut	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	Unitless	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
EV2_serv	BOBJ1	92	209.1433	Before	Interior Girder 5	17.0833	0.95	1	1	5.443584
EV2_serv	BOBJ1	92	209.1433	Before	Interior Girder 6	17.0833	0.95	1	1	5.837801
EV2_serv	BOBJ1	92	209.1433	Before	Right Exterior Girder	17.0833	0.95	1	1	7.546376
EV2_serv	BOBJ1	93	209.1433	After	Left Exterior Girder	17.0833	0.95	1	1	7.433418
EV2_serv	BOBJ1	93	209.1433	After	Interior Girder 1	17.0833	0.95	1	1	5.874088
EV2_serv	BOBJ1	93	209.1433	After	Interior Girder 2	17.0833	0.95	1	1	5.514395
EV2_serv	BOBJ1	93	209.1433	After	Interior Girder 3	17.0833	0.95	1	1	5.381406
EV2_serv	BOBJ1	93	209.1433	After	Interior Girder 4	17.0833	0.95	1	1	5.381406
EV2_serv	BOBJ1	93	209.1433	After	Interior Girder 5	17.0833	0.95	1	1	5.514395
EV2_serv	BOBJ1	93	209.1433	After	Interior Girder 6	17.0833	0.95	1	1	5.874088
EV2_serv	BOBJ1	93	209.1433	After	Right Exterior Girder	17.0833	0.95	1	1	7.433418
EV2_serv	BOBJ1	94	214.76	Before	Left Exterior Girder	22.7	0.95	1	1	5.70066
EV2_serv	BOBJ1	94	214.76	Before	Interior Girder 1	22.7	0.95	1	1	4.797994
EV2_serv	BOBJ1	94	214.76	Before	Interior Girder 2	22.7	0.95	1	1	4.482955
EV2_serv	BOBJ1	94	214.76	Before	Interior Girder 3	22.7	0.95	1	1	4.36008
EV2_serv	BOBJ1	94	214.76	Before	Interior Girder 4	22.7	0.95	1	1	4.36008
EV2_serv	BOBJ1	94	214.76	Before	Interior Girder 5	22.7	0.95	1	1	4.482955
EV2_serv	BOBJ1	94	214.76	Before	Interior Girder 6	22.7	0.95	1	1	4.797994
EV2_serv	BOBJ1	94	214.76	Before	Right Exterior Girder	22.7	0.95	1	1	5.70066
EV2_serv	BOBJ1	95	214.76	After	Left Exterior Girder	22.7	0.95	1	1	5.700643
EV2_serv	BOBJ1	95	214.76	After	Interior Girder 1	22.7	0.95	1	1	4.785741
EV2_serv	BOBJ1	95	214.76	After	Interior Girder 2	22.7	0.95	1	1	4.497935
EV2_serv	BOBJ1	95	214.76	After	Interior Girder 3	22.7	0.95	1	1	4.389463
EV2_serv	BOBJ1	95	214.76	After	Interior Girder 4	22.7	0.95	1	1	4.389463
EV2_serv	BOBJ1	95	214.76	After	Interior Girder 5	22.7	0.95	1	1	4.497935
EV2_serv	BOBJ1	95	214.76	After	Interior Girder 6	22.7	0.95	1	1	4.785741
EV2_serv	BOBJ1	95	214.76	After	Right Exterior Girder	22.7	0.95	1	1	5.700643
EV2_serv	BOBJ1	96	220.3767	Before	Left Exterior Girder	28.3167	0.95	1	1	5.366797
EV2_serv	BOBJ1	96	220.3767	Before	Interior Girder 1	28.3167	0.95	1	1	4.13684
EV2_serv	BOBJ1	96	220.3767	Before	Interior Girder 2	28.3167	0.95	1	1	3.906379
EV2_serv	BOBJ1	96	220.3767	Before	Interior Girder 3	28.3167	0.95	1	1	3.750806
EV2_serv	BOBJ1	96	220.3767	Before	Interior Girder 4	28.3167	0.95	1	1	3.750806
EV2_serv	BOBJ1	96	220.3767	Before	Interior Girder 5	28.3167	0.95	1	1	3.906379
EV2_serv	BOBJ1	96	220.3767	Before	Interior Girder 6	28.3167	0.95	1	1	4.13684
EV2_serv	BOBJ1	96	220.3767	Before	Right Exterior Girder	28.3167	0.95	1	1	5.366797
EV2_serv	BOBJ1	97	220.3767	After	Left Exterior Girder	28.3167	0.95	1	1	5.396213
EV2_serv	BOBJ1	97	220.3767	After	Interior Girder 1	28.3167	0.95	1	1	4.13211
EV2_serv	BOBJ1	97	220.3767	After	Interior Girder 2	28.3167	0.95	1	1	3.913437
EV2_serv	BOBJ1	97	220.3767	After	Interior Girder 3	28.3167	0.95	1	1	3.773443
EV2_serv	BOBJ1	97	220.3767	After	Interior Girder 4	28.3167	0.95	1	1	3.773443
EV2_serv	BOBJ1	97	220.3767	After	Interior Girder 5	28.3167	0.95	1	1	3.913437
EV2_serv	BOBJ1	97	220.3767	After	Interior Girder 6	28.3167	0.95	1	1	4.13211
EV2_serv	BOBJ1	97	220.3767	After	Right Exterior Girder	28.3167	0.95	1	1	5.396213
EV2_serv	BOBJ1	98	225.9933	Before	Left Exterior Girder	33.9333	0.95	1	1	5.151567
EV2_serv	BOBJ1	98	225.9933	Before	Interior Girder 1	33.9333	0.95	1	1	3.956127
EV2_serv	BOBJ1	98	225.9933	Before	Interior Girder 2	33.9333	0.95	1	1	3.765172
EV2_serv	BOBJ1	98	225.9933	Before	Interior Girder 3	33.9333	0.95	1	1	3.640004
EV2_serv	BOBJ1	98	225.9933	Before	Interior Girder 4	33.9333	0.95	1	1	3.640004
EV2_serv	BOBJ1	98	225.9933	Before	Interior Girder 5	33.9333	0.95	1	1	3.765172
EV2_serv	BOBJ1	98	225.9933	Before	Interior Girder 6	33.9333	0.95	1	1	3.956127
EV2_serv	BOBJ1	98	225.9933	Before	Right Exterior Girder	33.9333	0.95	1	1	5.151567
EV2_serv	BOBJ1	99	225.9933	After	Left Exterior Girder	33.9333	0.95	1	1	5.124523
EV2_serv	BOBJ1	99	225.9933	After	Interior Girder 1	33.9333	0.95	1	1	3.965421
EV2_serv	BOBJ1	99	225.9933	After	Interior Girder 2	33.9333	0.95	1	1	3.759982
EV2_serv	BOBJ1	99	225.9933	After	Interior Girder 3	33.9333	0.95	1	1	3.617223
EV2_serv	BOBJ1	99	225.9933	After	Interior Girder 4	33.9333	0.95	1	1	3.617223
EV2_serv	BOBJ1	99	225.9933	After	Interior Girder 5	33.9333	0.95	1	1	3.759982
EV2_serv	BOBJ1	99	225.9933	After	Interior Girder 6	33.9333	0.95	1	1	3.965421
EV2_serv	BOBJ1	99	225.9933	After	Right Exterior Girder	33.9333	0.95	1	1	5.124523
EV2_serv	BOBJ1	100	231.61	Before	Left Exterior Girder	39.55	0.95	1	1	5.335425
EV2_serv	BOBJ1	100	231.61	Before	Interior Girder 1	39.55	0.95	1	1	4.314745
EV2_serv	BOBJ1	100	231.61	Before	Interior Girder 2	39.55	0.95	1	1	4.070207
EV2_serv	BOBJ1	100	231.61	Before	Interior Girder 3	39.55	0.95	1	1	3.942444
EV2_serv	BOBJ1	100	231.61	Before	Interior Girder 4	39.55	0.95	1	1	3.942444
EV2_serv	BOBJ1	100	231.61	Before	Interior Girder 5	39.55	0.95	1	1	4.070207
EV2_serv	BOBJ1	100	231.61	Before	Interior Girder 6	39.55	0.95	1	1	4.314745
EV2_serv	BOBJ1	100	231.61	Before	Right Exterior Girder	39.55	0.95	1	1	5.335425
EV2_serv	BOBJ1	101	231.61	After	Left Exterior Girder	39.55	0.95	1	1	5.324663
EV2_serv	BOBJ1	101	231.61	After	Interior Girder 1	39.55	0.95	1	1	4.314681
EV2_serv	BOBJ1	101	231.61	After	Interior Girder 2	39.55	0.95	1	1	4.037625
EV2_serv	BOBJ1	101	231.61	After	Interior Girder 3	39.55	0.95	1	1	3.889899
EV2_serv	BOBJ1	101	231.61	After	Interior Girder 4	39.55	0.95	1	1	3.889899
EV2_serv	BOBJ1	101	231.61	After	Interior Girder 5	39.55	0.95	1	1	4.037625

TABLE: Bridge Super Rating AASHTORATE18 31 - SteelICompServ-Flx - Approach, Span 12-15										
Request	BridgeObj	BridgeCut	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	Unitless	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
EV2_serv	BOBJ1	101	231.61	After	Interior Girder 6	39.55	0.95	1	1	4.314681
EV2_serv	BOBJ1	101	231.61	After	Right Exterior Girder	39.55	0.95	1	1	5.324663
EV2_serv	BOBJ1	102	237.37	Before	Left Exterior Girder	45.31	0.95	1	1	7.120385
EV2_serv	BOBJ1	102	237.37	Before	Interior Girder 1	45.31	0.95	1	1	5.090799
EV2_serv	BOBJ1	102	237.37	Before	Interior Girder 2	45.31	0.95	1	1	4.823758
EV2_serv	BOBJ1	102	237.37	Before	Interior Girder 3	45.31	0.95	1	1	4.513545
EV2_serv	BOBJ1	102	237.37	Before	Interior Girder 4	45.31	0.95	1	1	4.513545
EV2_serv	BOBJ1	102	237.37	Before	Interior Girder 5	45.31	0.95	1	1	4.823758
EV2_serv	BOBJ1	102	237.37	Before	Interior Girder 6	45.31	0.95	1	1	5.090799
EV2_serv	BOBJ1	102	237.37	Before	Right Exterior Girder	45.31	0.95	1	1	7.120385
EV2_serv	BOBJ1	103	237.37	After	Left Exterior Girder	45.31	0.95	1	1	7.163056
EV2_serv	BOBJ1	103	237.37	After	Interior Girder 1	45.31	0.95	1	1	5.063001
EV2_serv	BOBJ1	103	237.37	After	Interior Girder 2	45.31	0.95	1	1	4.733597
EV2_serv	BOBJ1	103	237.37	After	Interior Girder 3	45.31	0.95	1	1	4.359672
EV2_serv	BOBJ1	103	237.37	After	Interior Girder 4	45.31	0.95	1	1	4.359672
EV2_serv	BOBJ1	103	237.37	After	Interior Girder 5	45.31	0.95	1	1	4.733597
EV2_serv	BOBJ1	103	237.37	After	Interior Girder 6	45.31	0.95	1	1	5.063001
EV2_serv	BOBJ1	103	237.37	After	Right Exterior Girder	45.31	0.95	1	1	7.163056
EV2_serv	BOBJ1	104	243.13	Before	Left Exterior Girder	51.07	0.95	1	1	12.891144
EV2_serv	BOBJ1	104	243.13	Before	Interior Girder 1	51.07	0.95	1	1	8.394235
EV2_serv	BOBJ1	104	243.13	Before	Interior Girder 2	51.07	0.95	1	1	7.920656
EV2_serv	BOBJ1	104	243.13	Before	Interior Girder 3	51.07	0.95	1	1	6.90353
EV2_serv	BOBJ1	104	243.13	Before	Interior Girder 4	51.07	0.95	1	1	6.90353
EV2_serv	BOBJ1	104	243.13	Before	Interior Girder 5	51.07	0.95	1	1	7.920656
EV2_serv	BOBJ1	104	243.13	Before	Interior Girder 6	51.07	0.95	1	1	8.394235
EV2_serv	BOBJ1	104	243.13	Before	Right Exterior Girder	51.07	0.95	1	1	12.891144
EV2_serv	BOBJ1	105	243.13	After	Left Exterior Girder	51.07	0.95	1	1	12.880421
EV2_serv	BOBJ1	105	243.13	After	Interior Girder 1	51.07	0.95	1	1	8.303709
EV2_serv	BOBJ1	105	243.13	After	Interior Girder 2	51.07	0.95	1	1	7.718298
EV2_serv	BOBJ1	105	243.13	After	Interior Girder 3	51.07	0.95	1	1	6.596203
EV2_serv	BOBJ1	105	243.13	After	Interior Girder 4	51.07	0.95	1	1	6.596203
EV2_serv	BOBJ1	105	243.13	After	Interior Girder 5	51.07	0.95	1	1	7.718298
EV2_serv	BOBJ1	105	243.13	After	Interior Girder 6	51.07	0.95	1	1	8.303709
EV2_serv	BOBJ1	105	243.13	After	Right Exterior Girder	51.07	0.95	1	1	12.880421
EV2_serv	BOBJ1	106	248.89	Before	Left Exterior Girder	56.83	0.95	1	1	575.1012
EV2_serv	BOBJ1	106	248.89	Before	Interior Girder 1	56.83	0.95	1	1	471.902231
EV2_serv	BOBJ1	106	248.89	Before	Interior Girder 2	56.83	0.95	1	1	281.729446
EV2_serv	BOBJ1	106	248.89	Before	Interior Girder 3	56.83	0.95	1	1	219.825354
EV2_serv	BOBJ1	106	248.89	Before	Interior Girder 4	56.83	0.95	1	1	219.825354
EV2_serv	BOBJ1	106	248.89	Before	Interior Girder 5	56.83	0.95	1	1	281.729446
EV2_serv	BOBJ1	106	248.89	Before	Interior Girder 6	56.83	0.95	1	1	471.902231
EV2_serv	BOBJ1	106	248.89	Before	Right Exterior Girder	56.83	0.95	1	1	575.1012
EV3_serv	BOBJ1	1	0	After	Left Exterior Girder	0	0.95	1	1	253.627439
EV3_serv	BOBJ1	1	0	After	Interior Girder 1	0	0.95	1	1	176.813128
EV3_serv	BOBJ1	1	0	After	Interior Girder 2	0	0.95	1	1	127.987889
EV3_serv	BOBJ1	1	0	After	Interior Girder 3	0	0.95	1	1	103.616659
EV3_serv	BOBJ1	1	0	After	Interior Girder 4	0	0.95	1	1	103.616659
EV3_serv	BOBJ1	1	0	After	Interior Girder 5	0	0.95	1	1	127.987888
EV3_serv	BOBJ1	1	0	After	Interior Girder 6	0	0.95	1	1	176.813128
EV3_serv	BOBJ1	1	0	After	Right Exterior Girder	0	0.95	1	1	253.627439
EV3_serv	BOBJ1	2	5.85	Before	Left Exterior Girder	5.85	0.95	1	1	6.935498
EV3_serv	BOBJ1	2	5.85	Before	Interior Girder 1	5.85	0.95	1	1	4.881753
EV3_serv	BOBJ1	2	5.85	Before	Interior Girder 2	5.85	0.95	1	1	4.520226
EV3_serv	BOBJ1	2	5.85	Before	Interior Girder 3	5.85	0.95	1	1	3.924805
EV3_serv	BOBJ1	2	5.85	Before	Interior Girder 4	5.85	0.95	1	1	3.924805
EV3_serv	BOBJ1	2	5.85	Before	Interior Girder 5	5.85	0.95	1	1	4.520226
EV3_serv	BOBJ1	2	5.85	Before	Interior Girder 6	5.85	0.95	1	1	4.881753
EV3_serv	BOBJ1	2	5.85	Before	Right Exterior Girder	5.85	0.95	1	1	6.935498
EV3_serv	BOBJ1	3	5.85	After	Left Exterior Girder	5.85	0.95	1	1	6.970008
EV3_serv	BOBJ1	3	5.85	After	Interior Girder 1	5.85	0.95	1	1	4.895544
EV3_serv	BOBJ1	3	5.85	After	Interior Girder 2	5.85	0.95	1	1	4.57867
EV3_serv	BOBJ1	3	5.85	After	Interior Girder 3	5.85	0.95	1	1	4.091747
EV3_serv	BOBJ1	3	5.85	After	Interior Girder 4	5.85	0.95	1	1	4.091747
EV3_serv	BOBJ1	3	5.85	After	Interior Girder 5	5.85	0.95	1	1	4.57867
EV3_serv	BOBJ1	3	5.85	After	Interior Girder 6	5.85	0.95	1	1	4.895544
EV3_serv	BOBJ1	3	5.85	After	Right Exterior Girder	5.85	0.95	1	1	6.970008
EV3_serv	BOBJ1	4	11.4667	Before	Left Exterior Girder	11.4667	0.95	1	1	3.894984
EV3_serv	BOBJ1	4	11.4667	Before	Interior Girder 1	11.4667	0.95	1	1	2.803357
EV3_serv	BOBJ1	4	11.4667	Before	Interior Girder 2	11.4667	0.95	1	1	2.633012
EV3_serv	BOBJ1	4	11.4667	Before	Interior Girder 3	11.4667	0.95	1	1	2.430261
EV3_serv	BOBJ1	4	11.4667	Before	Interior Girder 4	11.4667	0.95	1	1	2.430261
EV3_serv	BOBJ1	4	11.4667	Before	Interior Girder 5	11.4667	0.95	1	1	2.633012
EV3_serv	BOBJ1	4	11.4667	Before	Interior Girder 6	11.4667	0.95	1	1	2.803357

TABLE: Bridge Super Rating AASHTORATE18 31 - SteelICompServ-Flx - Approach, Span 12-15										
Request	BridgeObj	BridgeCut	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	Unitless	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
EV3_serv	BOBJ1	4	11.4667	Before	Right Exterior Girder	11.4667	0.95	1	1	3.894984
EV3_serv	BOBJ1	5	11.4667	After	Left Exterior Girder	11.4667	0.95	1	1	3.945389
EV3_serv	BOBJ1	5	11.4667	After	Interior Girder 1	11.4667	0.95	1	1	2.789908
EV3_serv	BOBJ1	5	11.4667	After	Interior Girder 2	11.4667	0.95	1	1	2.659345
EV3_serv	BOBJ1	5	11.4667	After	Interior Girder 3	11.4667	0.95	1	1	2.49002
EV3_serv	BOBJ1	5	11.4667	After	Interior Girder 4	11.4667	0.95	1	1	2.49002
EV3_serv	BOBJ1	5	11.4667	After	Interior Girder 5	11.4667	0.95	1	1	2.659345
EV3_serv	BOBJ1	5	11.4667	After	Interior Girder 6	11.4667	0.95	1	1	2.789908
EV3_serv	BOBJ1	5	11.4667	After	Right Exterior Girder	11.4667	0.95	1	1	3.945389
EV3_serv	BOBJ1	6	17.0833	Before	Left Exterior Girder	17.0833	0.95	1	1	2.975087
EV3_serv	BOBJ1	6	17.0833	Before	Interior Girder 1	17.0833	0.95	1	1	2.284569
EV3_serv	BOBJ1	6	17.0833	Before	Interior Girder 2	17.0833	0.95	1	1	2.159032
EV3_serv	BOBJ1	6	17.0833	Before	Interior Girder 3	17.0833	0.95	1	1	2.074429
EV3_serv	BOBJ1	6	17.0833	Before	Interior Girder 4	17.0833	0.95	1	1	2.074429
EV3_serv	BOBJ1	6	17.0833	Before	Interior Girder 5	17.0833	0.95	1	1	2.159032
EV3_serv	BOBJ1	6	17.0833	Before	Interior Girder 6	17.0833	0.95	1	1	2.284569
EV3_serv	BOBJ1	6	17.0833	Before	Right Exterior Girder	17.0833	0.95	1	1	2.975087
EV3_serv	BOBJ1	7	17.0833	After	Left Exterior Girder	17.0833	0.95	1	1	2.967718
EV3_serv	BOBJ1	7	17.0833	After	Interior Girder 1	17.0833	0.95	1	1	2.285527
EV3_serv	BOBJ1	7	17.0833	After	Interior Girder 2	17.0833	0.95	1	1	2.178263
EV3_serv	BOBJ1	7	17.0833	After	Interior Girder 3	17.0833	0.95	1	1	2.096837
EV3_serv	BOBJ1	7	17.0833	After	Interior Girder 4	17.0833	0.95	1	1	2.096837
EV3_serv	BOBJ1	7	17.0833	After	Interior Girder 5	17.0833	0.95	1	1	2.178263
EV3_serv	BOBJ1	7	17.0833	After	Interior Girder 6	17.0833	0.95	1	1	2.285527
EV3_serv	BOBJ1	7	17.0833	After	Right Exterior Girder	17.0833	0.95	1	1	2.967718
EV3_serv	BOBJ1	8	22.7	Before	Left Exterior Girder	22.7	0.95	1	1	2.615631
EV3_serv	BOBJ1	8	22.7	Before	Interior Girder 1	22.7	0.95	1	1	2.206174
EV3_serv	BOBJ1	8	22.7	Before	Interior Girder 2	22.7	0.95	1	1	2.093533
EV3_serv	BOBJ1	8	22.7	Before	Interior Girder 3	22.7	0.95	1	1	2.049225
EV3_serv	BOBJ1	8	22.7	Before	Interior Girder 4	22.7	0.95	1	1	2.049225
EV3_serv	BOBJ1	8	22.7	Before	Interior Girder 5	22.7	0.95	1	1	2.093533
EV3_serv	BOBJ1	8	22.7	Before	Interior Girder 6	22.7	0.95	1	1	2.206174
EV3_serv	BOBJ1	8	22.7	Before	Right Exterior Girder	22.7	0.95	1	1	2.615631
EV3_serv	BOBJ1	9	22.7	After	Left Exterior Girder	22.7	0.95	1	1	2.626127
EV3_serv	BOBJ1	9	22.7	After	Interior Girder 1	22.7	0.95	1	1	2.198648
EV3_serv	BOBJ1	9	22.7	After	Interior Girder 2	22.7	0.95	1	1	2.094168
EV3_serv	BOBJ1	9	22.7	After	Interior Girder 3	22.7	0.95	1	1	2.049951
EV3_serv	BOBJ1	9	22.7	After	Interior Girder 4	22.7	0.95	1	1	2.049951
EV3_serv	BOBJ1	9	22.7	After	Interior Girder 5	22.7	0.95	1	1	2.094168
EV3_serv	BOBJ1	9	22.7	After	Interior Girder 6	22.7	0.95	1	1	2.198648
EV3_serv	BOBJ1	9	22.7	After	Right Exterior Girder	22.7	0.95	1	1	2.626127
EV3_serv	BOBJ1	10	28.3167	Before	Left Exterior Girder	28.3167	0.95	1	1	2.856295
EV3_serv	BOBJ1	10	28.3167	Before	Interior Girder 1	28.3167	0.95	1	1	2.22033
EV3_serv	BOBJ1	10	28.3167	Before	Interior Girder 2	28.3167	0.95	1	1	2.120862
EV3_serv	BOBJ1	10	28.3167	Before	Interior Girder 3	28.3167	0.95	1	1	2.068305
EV3_serv	BOBJ1	10	28.3167	Before	Interior Girder 4	28.3167	0.95	1	1	2.068305
EV3_serv	BOBJ1	10	28.3167	Before	Interior Girder 5	28.3167	0.95	1	1	2.120862
EV3_serv	BOBJ1	10	28.3167	Before	Interior Girder 6	28.3167	0.95	1	1	2.22033
EV3_serv	BOBJ1	10	28.3167	Before	Right Exterior Girder	28.3167	0.95	1	1	2.856295
EV3_serv	BOBJ1	11	28.3167	After	Left Exterior Girder	28.3167	0.95	1	1	2.867681
EV3_serv	BOBJ1	11	28.3167	After	Interior Girder 1	28.3167	0.95	1	1	2.212261
EV3_serv	BOBJ1	11	28.3167	After	Interior Girder 2	28.3167	0.95	1	1	2.109336
EV3_serv	BOBJ1	11	28.3167	After	Interior Girder 3	28.3167	0.95	1	1	2.052868
EV3_serv	BOBJ1	11	28.3167	After	Interior Girder 4	28.3167	0.95	1	1	2.052868
EV3_serv	BOBJ1	11	28.3167	After	Interior Girder 5	28.3167	0.95	1	1	2.109336
EV3_serv	BOBJ1	11	28.3167	After	Interior Girder 6	28.3167	0.95	1	1	2.212261
EV3_serv	BOBJ1	11	28.3167	After	Right Exterior Girder	28.3167	0.95	1	1	2.867681
EV3_serv	BOBJ1	12	33.9333	Before	Left Exterior Girder	33.9333	0.95	1	1	3.448479
EV3_serv	BOBJ1	12	33.9333	Before	Interior Girder 1	33.9333	0.95	1	1	2.572473
EV3_serv	BOBJ1	12	33.9333	Before	Interior Girder 2	33.9333	0.95	1	1	2.44212
EV3_serv	BOBJ1	12	33.9333	Before	Interior Girder 3	33.9333	0.95	1	1	2.387521
EV3_serv	BOBJ1	12	33.9333	Before	Interior Girder 4	33.9333	0.95	1	1	2.387521
EV3_serv	BOBJ1	12	33.9333	Before	Interior Girder 5	33.9333	0.95	1	1	2.44212
EV3_serv	BOBJ1	12	33.9333	Before	Interior Girder 6	33.9333	0.95	1	1	2.572473
EV3_serv	BOBJ1	12	33.9333	Before	Right Exterior Girder	33.9333	0.95	1	1	3.448479
EV3_serv	BOBJ1	13	33.9333	After	Left Exterior Girder	33.9333	0.95	1	1	3.410609
EV3_serv	BOBJ1	13	33.9333	After	Interior Girder 1	33.9333	0.95	1	1	2.593565
EV3_serv	BOBJ1	13	33.9333	After	Interior Girder 2	33.9333	0.95	1	1	2.444333
EV3_serv	BOBJ1	13	33.9333	After	Interior Girder 3	33.9333	0.95	1	1	2.377089
EV3_serv	BOBJ1	13	33.9333	After	Interior Girder 4	33.9333	0.95	1	1	2.377089
EV3_serv	BOBJ1	13	33.9333	After	Interior Girder 5	33.9333	0.95	1	1	2.444333
EV3_serv	BOBJ1	13	33.9333	After	Interior Girder 6	33.9333	0.95	1	1	2.593565
EV3_serv	BOBJ1	13	33.9333	After	Right Exterior Girder	33.9333	0.95	1	1	3.410609

TABLE: Bridge Super Rating AASHTORATE18 31 - SteelICompServ-Flx - Approach, Span 12-15										
Request	BridgeObj	BridgeCut	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	Unitless	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
EV3_serv	BOBJ1	14	39.55	Before	Left Exterior Girder	39.55	0.95	1	1	4.62498
EV3_serv	BOBJ1	14	39.55	Before	Interior Girder 1	39.55	0.95	1	1	3.58746
EV3_serv	BOBJ1	14	39.55	Before	Interior Girder 2	39.55	0.95	1	1	3.318094
EV3_serv	BOBJ1	14	39.55	Before	Interior Girder 3	39.55	0.95	1	1	3.259078
EV3_serv	BOBJ1	14	39.55	Before	Interior Girder 4	39.55	0.95	1	1	3.259078
EV3_serv	BOBJ1	14	39.55	Before	Interior Girder 5	39.55	0.95	1	1	3.318094
EV3_serv	BOBJ1	14	39.55	Before	Interior Girder 6	39.55	0.95	1	1	3.58746
EV3_serv	BOBJ1	14	39.55	Before	Right Exterior Girder	39.55	0.95	1	1	4.62498
EV3_serv	BOBJ1	15	39.55	After	Left Exterior Girder	39.55	0.95	1	1	4.631912
EV3_serv	BOBJ1	15	39.55	After	Interior Girder 1	39.55	0.95	1	1	3.597426
EV3_serv	BOBJ1	15	39.55	After	Interior Girder 2	39.55	0.95	1	1	3.3052
EV3_serv	BOBJ1	15	39.55	After	Interior Girder 3	39.55	0.95	1	1	3.210496
EV3_serv	BOBJ1	15	39.55	After	Interior Girder 4	39.55	0.95	1	1	3.210496
EV3_serv	BOBJ1	15	39.55	After	Interior Girder 5	39.55	0.95	1	1	3.3052
EV3_serv	BOBJ1	15	39.55	After	Interior Girder 6	39.55	0.95	1	1	3.597426
EV3_serv	BOBJ1	15	39.55	After	Right Exterior Girder	39.55	0.95	1	1	4.631912
EV3_serv	BOBJ1	16	45.1733	Before	Left Exterior Girder	45.1226	0.95	1	1	4.055044
EV3_serv	BOBJ1	16	45.1733	Before	Interior Girder 1	45.1226	0.95	1	1	4.134622
EV3_serv	BOBJ1	16	45.1733	Before	Interior Girder 2	45.1226	0.95	1	1	3.961968
EV3_serv	BOBJ1	16	45.1733	Before	Interior Girder 3	45.1226	0.95	1	1	4.021936
EV3_serv	BOBJ1	16	45.1733	Before	Interior Girder 4	45.1226	0.95	1	1	4.021936
EV3_serv	BOBJ1	16	45.1733	Before	Interior Girder 5	45.1226	0.95	1	1	3.961968
EV3_serv	BOBJ1	16	45.1733	Before	Interior Girder 6	45.1226	0.95	1	1	4.134622
EV3_serv	BOBJ1	16	45.1733	Before	Right Exterior Girder	45.1226	0.95	1	1	4.055044
EV3_serv	BOBJ1	17	45.1733	After	Left Exterior Girder	45.1226	0.95	1	1	3.254472
EV3_serv	BOBJ1	17	45.1733	After	Interior Girder 1	45.1226	0.95	1	1	3.319507
EV3_serv	BOBJ1	17	45.1733	After	Interior Girder 2	45.1226	0.95	1	1	3.15974
EV3_serv	BOBJ1	17	45.1733	After	Interior Girder 3	45.1226	0.95	1	1	3.222352
EV3_serv	BOBJ1	17	45.1733	After	Interior Girder 4	45.1226	0.95	1	1	3.222352
EV3_serv	BOBJ1	17	45.1733	After	Interior Girder 5	45.1226	0.95	1	1	3.15974
EV3_serv	BOBJ1	17	45.1733	After	Interior Girder 6	45.1226	0.95	1	1	3.319507
EV3_serv	BOBJ1	17	45.1733	After	Right Exterior Girder	45.1226	0.95	1	1	3.254472
EV3_serv	BOBJ1	18	49.2561	Before	Left Exterior Girder	49.2561	0.95	1	1	2.497933
EV3_serv	BOBJ1	18	49.2561	Before	Right Exterior Girder	49.2561	0.95	1	1	2.497933
EV3_serv	BOBJ1	19	49.2561	After	Left Exterior Girder	49.2561	0.95	1	1	2.523457
EV3_serv	BOBJ1	19	49.2561	After	Right Exterior Girder	49.2561	0.95	1	1	2.523457
EV3_serv	BOBJ1	20	50.7967	Before	Left Exterior Girder	50.7967	0.95	1	1	5.064169
EV3_serv	BOBJ1	20	50.7967	Before	Interior Girder 1	50.7967	0.95	1	1	2.506701
EV3_serv	BOBJ1	20	50.7967	Before	Interior Girder 2	50.7967	0.95	1	1	2.370975
EV3_serv	BOBJ1	20	50.7967	Before	Interior Girder 3	50.7967	0.95	1	1	2.27915
EV3_serv	BOBJ1	20	50.7967	Before	Interior Girder 4	50.7967	0.95	1	1	2.27915
EV3_serv	BOBJ1	20	50.7967	Before	Interior Girder 5	50.7967	0.95	1	1	2.370975
EV3_serv	BOBJ1	20	50.7967	Before	Interior Girder 6	50.7967	0.95	1	1	2.506701
EV3_serv	BOBJ1	20	50.7967	Before	Right Exterior Girder	50.7967	0.95	1	1	5.064169
EV3_serv	BOBJ1	21	50.7967	After	Left Exterior Girder	50.7967	0.95	1	1	5.029806
EV3_serv	BOBJ1	21	50.7967	After	Interior Girder 1	50.7967	0.95	1	1	2.505638
EV3_serv	BOBJ1	21	50.7967	After	Interior Girder 2	50.7967	0.95	1	1	2.355792
EV3_serv	BOBJ1	21	50.7967	After	Interior Girder 3	50.7967	0.95	1	1	2.270652
EV3_serv	BOBJ1	21	50.7967	After	Interior Girder 4	50.7967	0.95	1	1	2.270652
EV3_serv	BOBJ1	21	50.7967	After	Interior Girder 5	50.7967	0.95	1	1	2.355792
EV3_serv	BOBJ1	21	50.7967	After	Interior Girder 6	50.7967	0.95	1	1	2.505638
EV3_serv	BOBJ1	21	50.7967	After	Right Exterior Girder	50.7967	0.95	1	1	5.029806
EV3_serv	BOBJ1	22	51.3989	Before	Interior Girder 1	51.3989	0.95	1	1	2.413482
EV3_serv	BOBJ1	22	51.3989	Before	Interior Girder 2	51.3989	0.95	1	1	2.27999
EV3_serv	BOBJ1	22	51.3989	Before	Interior Girder 3	51.3989	0.95	1	1	2.179895
EV3_serv	BOBJ1	22	51.3989	Before	Interior Girder 4	51.3989	0.95	1	1	2.179895
EV3_serv	BOBJ1	22	51.3989	Before	Interior Girder 5	51.3989	0.95	1	1	2.27999
EV3_serv	BOBJ1	22	51.3989	Before	Interior Girder 6	51.3989	0.95	1	1	2.413482
EV3_serv	BOBJ1	23	51.3989	After	Interior Girder 1	51.3989	0.95	1	1	3.561107
EV3_serv	BOBJ1	23	51.3989	After	Interior Girder 2	51.3989	0.95	1	1	3.342689
EV3_serv	BOBJ1	23	51.3989	After	Interior Girder 3	51.3989	0.95	1	1	3.222176
EV3_serv	BOBJ1	23	51.3989	After	Interior Girder 4	51.3989	0.95	1	1	3.222176
EV3_serv	BOBJ1	23	51.3989	After	Interior Girder 5	51.3989	0.95	1	1	3.342689
EV3_serv	BOBJ1	23	51.3989	After	Interior Girder 6	51.3989	0.95	1	1	3.561107
EV3_serv	BOBJ1	24	56.42	Before	Left Exterior Girder	56.42	0.95	1	1	3.831504
EV3_serv	BOBJ1	24	56.42	Before	Interior Girder 1	56.42	0.95	1	1	2.712659
EV3_serv	BOBJ1	24	56.42	Before	Interior Girder 2	56.42	0.95	1	1	2.474611
EV3_serv	BOBJ1	24	56.42	Before	Interior Girder 3	56.42	0.95	1	1	2.124426
EV3_serv	BOBJ1	24	56.42	Before	Interior Girder 4	56.42	0.95	1	1	2.124426
EV3_serv	BOBJ1	24	56.42	Before	Interior Girder 5	56.42	0.95	1	1	2.474611
EV3_serv	BOBJ1	24	56.42	Before	Interior Girder 6	56.42	0.95	1	1	2.712659
EV3_serv	BOBJ1	24	56.42	Before	Right Exterior Girder	56.42	0.95	1	1	3.831504
EV3_serv	BOBJ1	25	56.42	After	Left Exterior Girder	0	0.95	1	1	3.920358

TABLE: Bridge Super Rating AASHTORATE18 31 - SteelICompServ-Flx - Approach, Span 12-15										
Request	BridgeObj	BridgeCut	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	Unitless	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
EV3_serv	BOBJ1	25	56.42	After	Interior Girder 1	0	0.95	1	1	2.474592
EV3_serv	BOBJ1	25	56.42	After	Interior Girder 2	0	0.95	1	1	2.327606
EV3_serv	BOBJ1	25	56.42	After	Interior Girder 3	0	0.95	1	1	2.007109
EV3_serv	BOBJ1	25	56.42	After	Interior Girder 4	0	0.95	1	1	2.007109
EV3_serv	BOBJ1	25	56.42	After	Interior Girder 5	0	0.95	1	1	2.327606
EV3_serv	BOBJ1	25	56.42	After	Interior Girder 6	0	0.95	1	1	2.474592
EV3_serv	BOBJ1	25	56.42	After	Right Exterior Girder	0	0.95	1	1	3.920358
EV3_serv	BOBJ1	26	62.0367	Before	Left Exterior Girder	5.6167	0.95	1	1	6.394079
EV3_serv	BOBJ1	26	62.0367	Before	Interior Girder 1	5.6167	0.95	1	1	4.446277
EV3_serv	BOBJ1	26	62.0367	Before	Interior Girder 2	5.6167	0.95	1	1	4.100804
EV3_serv	BOBJ1	26	62.0367	Before	Interior Girder 3	5.6167	0.95	1	1	3.873677
EV3_serv	BOBJ1	26	62.0367	Before	Interior Girder 4	5.6167	0.95	1	1	3.873677
EV3_serv	BOBJ1	26	62.0367	Before	Interior Girder 5	5.6167	0.95	1	1	4.100804
EV3_serv	BOBJ1	26	62.0367	Before	Interior Girder 6	5.6167	0.95	1	1	4.446277
EV3_serv	BOBJ1	26	62.0367	Before	Right Exterior Girder	5.6167	0.95	1	1	6.394079
EV3_serv	BOBJ1	27	62.0367	After	Left Exterior Girder	5.6167	0.95	1	1	6.33473
EV3_serv	BOBJ1	27	62.0367	After	Interior Girder 1	5.6167	0.95	1	1	4.512241
EV3_serv	BOBJ1	27	62.0367	After	Interior Girder 2	5.6167	0.95	1	1	4.167143
EV3_serv	BOBJ1	27	62.0367	After	Interior Girder 3	5.6167	0.95	1	1	3.938345
EV3_serv	BOBJ1	27	62.0367	After	Interior Girder 4	5.6167	0.95	1	1	3.938345
EV3_serv	BOBJ1	27	62.0367	After	Interior Girder 5	5.6167	0.95	1	1	4.167143
EV3_serv	BOBJ1	27	62.0367	After	Interior Girder 6	5.6167	0.95	1	1	4.512241
EV3_serv	BOBJ1	27	62.0367	After	Right Exterior Girder	5.6167	0.95	1	1	6.33473
EV3_serv	BOBJ1	28	62.4203	Before	Interior Girder 1	6.0003	0.95	1	1	4.594168
EV3_serv	BOBJ1	28	62.4203	Before	Interior Girder 2	6.0003	0.95	1	1	4.238318
EV3_serv	BOBJ1	28	62.4203	Before	Interior Girder 3	6.0003	0.95	1	1	4.025499
EV3_serv	BOBJ1	28	62.4203	Before	Interior Girder 4	6.0003	0.95	1	1	4.025499
EV3_serv	BOBJ1	28	62.4203	Before	Interior Girder 5	6.0003	0.95	1	1	4.238318
EV3_serv	BOBJ1	28	62.4203	Before	Interior Girder 6	6.0003	0.95	1	1	4.594168
EV3_serv	BOBJ1	29	62.4203	After	Interior Girder 1	6.0003	0.95	1	1	3.107191
EV3_serv	BOBJ1	29	62.4203	After	Interior Girder 2	6.0003	0.95	1	1	2.898998
EV3_serv	BOBJ1	29	62.4203	After	Interior Girder 3	6.0003	0.95	1	1	2.724138
EV3_serv	BOBJ1	29	62.4203	After	Interior Girder 4	6.0003	0.95	1	1	2.724138
EV3_serv	BOBJ1	29	62.4203	After	Interior Girder 5	6.0003	0.95	1	1	2.898998
EV3_serv	BOBJ1	29	62.4203	After	Interior Girder 6	6.0003	0.95	1	1	3.107191
EV3_serv	BOBJ1	30	64.9204	Before	Left Exterior Girder	8.5004	0.95	1	1	7.156905
EV3_serv	BOBJ1	30	64.9204	Before	Right Exterior Girder	8.5004	0.95	1	1	7.156905
EV3_serv	BOBJ1	31	64.9204	After	Left Exterior Girder	8.5004	0.95	1	1	3.401712
EV3_serv	BOBJ1	31	64.9204	After	Right Exterior Girder	8.5004	0.95	1	1	3.401712
EV3_serv	BOBJ1	32	67.6533	Before	Left Exterior Girder	11.2333	0.95	1	1	4.031887
EV3_serv	BOBJ1	32	67.6533	Before	Interior Girder 1	11.2333	0.95	1	1	4.040177
EV3_serv	BOBJ1	32	67.6533	Before	Interior Girder 2	11.2333	0.95	1	1	3.790041
EV3_serv	BOBJ1	32	67.6533	Before	Interior Girder 3	11.2333	0.95	1	1	3.789411
EV3_serv	BOBJ1	32	67.6533	Before	Interior Girder 4	11.2333	0.95	1	1	3.789411
EV3_serv	BOBJ1	32	67.6533	Before	Interior Girder 5	11.2333	0.95	1	1	3.790041
EV3_serv	BOBJ1	32	67.6533	Before	Interior Girder 6	11.2333	0.95	1	1	4.040177
EV3_serv	BOBJ1	32	67.6533	Before	Right Exterior Girder	11.2333	0.95	1	1	4.031887
EV3_serv	BOBJ1	33	67.6533	After	Left Exterior Girder	11.2333	0.95	1	1	4.003299
EV3_serv	BOBJ1	33	67.6533	After	Interior Girder 1	11.2333	0.95	1	1	4.069128
EV3_serv	BOBJ1	33	67.6533	After	Interior Girder 2	11.2333	0.95	1	1	3.83988
EV3_serv	BOBJ1	33	67.6533	After	Interior Girder 3	11.2333	0.95	1	1	3.828178
EV3_serv	BOBJ1	33	67.6533	After	Interior Girder 4	11.2333	0.95	1	1	3.828178
EV3_serv	BOBJ1	33	67.6533	After	Interior Girder 5	11.2333	0.95	1	1	3.83988
EV3_serv	BOBJ1	33	67.6533	After	Interior Girder 6	11.2333	0.95	1	1	4.069128
EV3_serv	BOBJ1	33	67.6533	After	Right Exterior Girder	11.2333	0.95	1	1	4.003299
EV3_serv	BOBJ1	34	73.27	Before	Left Exterior Girder	16.85	0.95	1	1	4.614292
EV3_serv	BOBJ1	34	73.27	Before	Interior Girder 1	16.85	0.95	1	1	3.522865
EV3_serv	BOBJ1	34	73.27	Before	Interior Girder 2	16.85	0.95	1	1	3.20816
EV3_serv	BOBJ1	34	73.27	Before	Interior Girder 3	16.85	0.95	1	1	3.092756
EV3_serv	BOBJ1	34	73.27	Before	Interior Girder 4	16.85	0.95	1	1	3.092756
EV3_serv	BOBJ1	34	73.27	Before	Interior Girder 5	16.85	0.95	1	1	3.20816
EV3_serv	BOBJ1	34	73.27	Before	Interior Girder 6	16.85	0.95	1	1	3.522865
EV3_serv	BOBJ1	34	73.27	Before	Right Exterior Girder	16.85	0.95	1	1	4.614292
EV3_serv	BOBJ1	35	73.27	After	Left Exterior Girder	16.85	0.95	1	1	4.675454
EV3_serv	BOBJ1	35	73.27	After	Interior Girder 1	16.85	0.95	1	1	3.48936
EV3_serv	BOBJ1	35	73.27	After	Interior Girder 2	16.85	0.95	1	1	3.208038
EV3_serv	BOBJ1	35	73.27	After	Interior Girder 3	16.85	0.95	1	1	3.121755
EV3_serv	BOBJ1	35	73.27	After	Interior Girder 4	16.85	0.95	1	1	3.121755
EV3_serv	BOBJ1	35	73.27	After	Interior Girder 5	16.85	0.95	1	1	3.208038
EV3_serv	BOBJ1	35	73.27	After	Interior Girder 6	16.85	0.95	1	1	3.48936
EV3_serv	BOBJ1	35	73.27	After	Right Exterior Girder	16.85	0.95	1	1	4.675454
EV3_serv	BOBJ1	36	78.8867	Before	Left Exterior Girder	22.4667	0.95	1	1	3.242018
EV3_serv	BOBJ1	36	78.8867	Before	Interior Girder 1	22.4667	0.95	1	1	2.469886

TABLE: Bridge Super Rating AASHTORATE18 31 - SteelICompServ-Flx - Approach, Span 12-15										
Request	BridgeObj	BridgeCut	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	Unitless	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
EV3_serv	BOBJ1	36	78.8867	Before	Interior Girder 2	22.4667	0.95	1	1	2.320218
EV3_serv	BOBJ1	36	78.8867	Before	Interior Girder 3	22.4667	0.95	1	1	2.24508
EV3_serv	BOBJ1	36	78.8867	Before	Interior Girder 4	22.4667	0.95	1	1	2.24508
EV3_serv	BOBJ1	36	78.8867	Before	Interior Girder 5	22.4667	0.95	1	1	2.320218
EV3_serv	BOBJ1	36	78.8867	Before	Interior Girder 6	22.4667	0.95	1	1	2.469886
EV3_serv	BOBJ1	36	78.8867	Before	Right Exterior Girder	22.4667	0.95	1	1	3.242018
EV3_serv	BOBJ1	37	78.8867	After	Left Exterior Girder	22.4667	0.95	1	1	3.290951
EV3_serv	BOBJ1	37	78.8867	After	Interior Girder 1	22.4667	0.95	1	1	2.44514
EV3_serv	BOBJ1	37	78.8867	After	Interior Girder 2	22.4667	0.95	1	1	2.314287
EV3_serv	BOBJ1	37	78.8867	After	Interior Girder 3	22.4667	0.95	1	1	2.257539
EV3_serv	BOBJ1	37	78.8867	After	Interior Girder 4	22.4667	0.95	1	1	2.257539
EV3_serv	BOBJ1	37	78.8867	After	Interior Girder 5	22.4667	0.95	1	1	2.314287
EV3_serv	BOBJ1	37	78.8867	After	Interior Girder 6	22.4667	0.95	1	1	2.44514
EV3_serv	BOBJ1	37	78.8867	After	Right Exterior Girder	22.4667	0.95	1	1	3.290951
EV3_serv	BOBJ1	38	84.5033	Before	Left Exterior Girder	28.0833	0.95	1	1	2.613078
EV3_serv	BOBJ1	38	84.5033	Before	Interior Girder 1	28.0833	0.95	1	1	2.076897
EV3_serv	BOBJ1	38	84.5033	Before	Interior Girder 2	28.0833	0.95	1	1	1.977855
EV3_serv	BOBJ1	38	84.5033	Before	Interior Girder 3	28.0833	0.95	1	1	1.929219
EV3_serv	BOBJ1	38	84.5033	Before	Interior Girder 4	28.0833	0.95	1	1	1.929219
EV3_serv	BOBJ1	38	84.5033	Before	Interior Girder 5	28.0833	0.95	1	1	1.977855
EV3_serv	BOBJ1	38	84.5033	Before	Interior Girder 6	28.0833	0.95	1	1	2.076897
EV3_serv	BOBJ1	38	84.5033	Before	Right Exterior Girder	28.0833	0.95	1	1	2.613078
EV3_serv	BOBJ1	39	84.5033	After	Left Exterior Girder	28.0833	0.95	1	1	2.609752
EV3_serv	BOBJ1	39	84.5033	After	Interior Girder 1	28.0833	0.95	1	1	2.080652
EV3_serv	BOBJ1	39	84.5033	After	Interior Girder 2	28.0833	0.95	1	1	1.988457
EV3_serv	BOBJ1	39	84.5033	After	Interior Girder 3	28.0833	0.95	1	1	1.94151
EV3_serv	BOBJ1	39	84.5033	After	Interior Girder 4	28.0833	0.95	1	1	1.94151
EV3_serv	BOBJ1	39	84.5033	After	Interior Girder 5	28.0833	0.95	1	1	1.988457
EV3_serv	BOBJ1	39	84.5033	After	Interior Girder 6	28.0833	0.95	1	1	2.080652
EV3_serv	BOBJ1	39	84.5033	After	Right Exterior Girder	28.0833	0.95	1	1	2.609752
EV3_serv	BOBJ1	40	90.12	Before	Left Exterior Girder	33.7	0.95	1	1	2.340745
EV3_serv	BOBJ1	40	90.12	Before	Interior Girder 1	33.7	0.95	1	1	2.06284
EV3_serv	BOBJ1	40	90.12	Before	Interior Girder 2	33.7	0.95	1	1	1.964914
EV3_serv	BOBJ1	40	90.12	Before	Interior Girder 3	33.7	0.95	1	1	1.935667
EV3_serv	BOBJ1	40	90.12	Before	Interior Girder 4	33.7	0.95	1	1	1.935667
EV3_serv	BOBJ1	40	90.12	Before	Interior Girder 5	33.7	0.95	1	1	1.964914
EV3_serv	BOBJ1	40	90.12	Before	Interior Girder 6	33.7	0.95	1	1	2.06284
EV3_serv	BOBJ1	40	90.12	Before	Right Exterior Girder	33.7	0.95	1	1	2.340745
EV3_serv	BOBJ1	41	90.12	After	Left Exterior Girder	33.7	0.95	1	1	2.348112
EV3_serv	BOBJ1	41	90.12	After	Interior Girder 1	33.7	0.95	1	1	2.057919
EV3_serv	BOBJ1	41	90.12	After	Interior Girder 2	33.7	0.95	1	1	1.961233
EV3_serv	BOBJ1	41	90.12	After	Interior Girder 3	33.7	0.95	1	1	1.930765
EV3_serv	BOBJ1	41	90.12	After	Interior Girder 4	33.7	0.95	1	1	1.930765
EV3_serv	BOBJ1	41	90.12	After	Interior Girder 5	33.7	0.95	1	1	1.961233
EV3_serv	BOBJ1	41	90.12	After	Interior Girder 6	33.7	0.95	1	1	2.057919
EV3_serv	BOBJ1	41	90.12	After	Right Exterior Girder	33.7	0.95	1	1	2.348112
EV3_serv	BOBJ1	42	95.7367	Before	Left Exterior Girder	39.3167	0.95	1	1	2.587423
EV3_serv	BOBJ1	42	95.7367	Before	Interior Girder 1	39.3167	0.95	1	1	2.067078
EV3_serv	BOBJ1	42	95.7367	Before	Interior Girder 2	39.3167	0.95	1	1	1.975889
EV3_serv	BOBJ1	42	95.7367	Before	Interior Girder 3	39.3167	0.95	1	1	1.931309
EV3_serv	BOBJ1	42	95.7367	Before	Interior Girder 4	39.3167	0.95	1	1	1.931309
EV3_serv	BOBJ1	42	95.7367	Before	Interior Girder 5	39.3167	0.95	1	1	1.975889
EV3_serv	BOBJ1	42	95.7367	Before	Interior Girder 6	39.3167	0.95	1	1	2.067078
EV3_serv	BOBJ1	42	95.7367	Before	Right Exterior Girder	39.3167	0.95	1	1	2.587423
EV3_serv	BOBJ1	43	95.7367	After	Left Exterior Girder	39.3167	0.95	1	1	2.59236
EV3_serv	BOBJ1	43	95.7367	After	Interior Girder 1	39.3167	0.95	1	1	2.062609
EV3_serv	BOBJ1	43	95.7367	After	Interior Girder 2	39.3167	0.95	1	1	1.965681
EV3_serv	BOBJ1	43	95.7367	After	Interior Girder 3	39.3167	0.95	1	1	1.919634
EV3_serv	BOBJ1	43	95.7367	After	Interior Girder 4	39.3167	0.95	1	1	1.919634
EV3_serv	BOBJ1	43	95.7367	After	Interior Girder 5	39.3167	0.95	1	1	1.965681
EV3_serv	BOBJ1	43	95.7367	After	Interior Girder 6	39.3167	0.95	1	1	2.062609
EV3_serv	BOBJ1	43	95.7367	After	Right Exterior Girder	39.3167	0.95	1	1	2.59236
EV3_serv	BOBJ1	44	101.3533	Before	Left Exterior Girder	44.9333	0.95	1	1	3.216505
EV3_serv	BOBJ1	44	101.3533	Before	Interior Girder 1	44.9333	0.95	1	1	2.417526
EV3_serv	BOBJ1	44	101.3533	Before	Interior Girder 2	44.9333	0.95	1	1	2.288066
EV3_serv	BOBJ1	44	101.3533	Before	Interior Girder 3	44.9333	0.95	1	1	2.239041
EV3_serv	BOBJ1	44	101.3533	Before	Interior Girder 4	44.9333	0.95	1	1	2.239041
EV3_serv	BOBJ1	44	101.3533	Before	Interior Girder 5	44.9333	0.95	1	1	2.288066
EV3_serv	BOBJ1	44	101.3533	Before	Interior Girder 6	44.9333	0.95	1	1	2.417526
EV3_serv	BOBJ1	44	101.3533	Before	Right Exterior Girder	44.9333	0.95	1	1	3.216505
EV3_serv	BOBJ1	45	101.3533	After	Left Exterior Girder	44.9333	0.95	1	1	3.16876
EV3_serv	BOBJ1	45	101.3533	After	Interior Girder 1	44.9333	0.95	1	1	2.441102
EV3_serv	BOBJ1	45	101.3533	After	Interior Girder 2	44.9333	0.95	1	1	2.29486

TABLE: Bridge Super Rating AASHTORATE18 31 - SteelICompServ-Flx - Approach, Span 12-15										
Request	BridgeObj	BridgeCut	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	Unitless	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
EV3_serv	BOBJ1	45	101.3533	After	Interior Girder 3	44.9333	0.95	1	1	2.227024
EV3_serv	BOBJ1	45	101.3533	After	Interior Girder 4	44.9333	0.95	1	1	2.227024
EV3_serv	BOBJ1	45	101.3533	After	Interior Girder 5	44.9333	0.95	1	1	2.29486
EV3_serv	BOBJ1	45	101.3533	After	Interior Girder 6	44.9333	0.95	1	1	2.441102
EV3_serv	BOBJ1	45	101.3533	After	Right Exterior Girder	44.9333	0.95	1	1	3.16876
EV3_serv	BOBJ1	46	106.97	Before	Left Exterior Girder	50.55	0.95	1	1	4.481387
EV3_serv	BOBJ1	46	106.97	Before	Interior Girder 1	50.55	0.95	1	1	3.425647
EV3_serv	BOBJ1	46	106.97	Before	Interior Girder 2	50.55	0.95	1	1	3.147832
EV3_serv	BOBJ1	46	106.97	Before	Interior Girder 3	50.55	0.95	1	1	3.076437
EV3_serv	BOBJ1	46	106.97	Before	Interior Girder 4	50.55	0.95	1	1	3.076437
EV3_serv	BOBJ1	46	106.97	Before	Interior Girder 5	50.55	0.95	1	1	3.147832
EV3_serv	BOBJ1	46	106.97	Before	Interior Girder 6	50.55	0.95	1	1	3.425647
EV3_serv	BOBJ1	46	106.97	Before	Right Exterior Girder	50.55	0.95	1	1	4.481387
EV3_serv	BOBJ1	47	106.97	After	Left Exterior Girder	50.55	0.95	1	1	4.458991
EV3_serv	BOBJ1	47	106.97	After	Interior Girder 1	50.55	0.95	1	1	3.434694
EV3_serv	BOBJ1	47	106.97	After	Interior Girder 2	50.55	0.95	1	1	3.136319
EV3_serv	BOBJ1	47	106.97	After	Interior Girder 3	50.55	0.95	1	1	3.036584
EV3_serv	BOBJ1	47	106.97	After	Interior Girder 4	50.55	0.95	1	1	3.036584
EV3_serv	BOBJ1	47	106.97	After	Interior Girder 5	50.55	0.95	1	1	3.136319
EV3_serv	BOBJ1	47	106.97	After	Interior Girder 6	50.55	0.95	1	1	3.434694
EV3_serv	BOBJ1	47	106.97	After	Right Exterior Girder	50.55	0.95	1	1	4.458991
EV3_serv	BOBJ1	48	112.5933	Before	Left Exterior Girder	56.1733	0.95	1	1	3.351593
EV3_serv	BOBJ1	48	112.5933	Before	Interior Girder 1	56.1733	0.95	1	1	3.465146
EV3_serv	BOBJ1	48	112.5933	Before	Interior Girder 2	56.1733	0.95	1	1	3.295201
EV3_serv	BOBJ1	48	112.5933	Before	Interior Girder 3	56.1733	0.95	1	1	3.337753
EV3_serv	BOBJ1	48	112.5933	Before	Interior Girder 4	56.1733	0.95	1	1	3.337753
EV3_serv	BOBJ1	48	112.5933	Before	Interior Girder 5	56.1733	0.95	1	1	3.295201
EV3_serv	BOBJ1	48	112.5933	Before	Interior Girder 6	56.1733	0.95	1	1	3.465146
EV3_serv	BOBJ1	48	112.5933	Before	Right Exterior Girder	56.1733	0.95	1	1	3.351593
EV3_serv	BOBJ1	49	112.5933	After	Left Exterior Girder	56.1733	0.95	1	1	3.371582
EV3_serv	BOBJ1	49	112.5933	After	Interior Girder 1	56.1733	0.95	1	1	3.448042
EV3_serv	BOBJ1	49	112.5933	After	Interior Girder 2	56.1733	0.95	1	1	3.264575
EV3_serv	BOBJ1	49	112.5933	After	Interior Girder 3	56.1733	0.95	1	1	3.31547
EV3_serv	BOBJ1	49	112.5933	After	Interior Girder 4	56.1733	0.95	1	1	3.31547
EV3_serv	BOBJ1	49	112.5933	After	Interior Girder 5	56.1733	0.95	1	1	3.264575
EV3_serv	BOBJ1	49	112.5933	After	Interior Girder 6	56.1733	0.95	1	1	3.448042
EV3_serv	BOBJ1	49	112.5933	After	Right Exterior Girder	56.1733	0.95	1	1	3.371582
EV3_serv	BOBJ1	50	115.3396	Before	Left Exterior Girder	58.9196	0.95	1	1	2.832325
EV3_serv	BOBJ1	50	115.3396	Before	Right Exterior Girder	58.9196	0.95	1	1	2.832325
EV3_serv	BOBJ1	51	115.3396	After	Left Exterior Girder	58.9196	0.95	1	1	5.990199
EV3_serv	BOBJ1	51	115.3396	After	Right Exterior Girder	58.9196	0.95	1	1	5.990199
EV3_serv	BOBJ1	52	118.2167	Before	Left Exterior Girder	61.7967	0.95	1	1	5.306352
EV3_serv	BOBJ1	52	118.2167	Before	Interior Girder 1	61.9198	0.95	1	1	2.568337
EV3_serv	BOBJ1	52	118.2167	Before	Interior Girder 2	61.9198	0.95	1	1	2.437247
EV3_serv	BOBJ1	52	118.2167	Before	Interior Girder 3	61.9198	0.95	1	1	2.32899
EV3_serv	BOBJ1	52	118.2167	Before	Interior Girder 4	61.9198	0.95	1	1	2.32899
EV3_serv	BOBJ1	52	118.2167	Before	Interior Girder 5	61.9198	0.95	1	1	2.437247
EV3_serv	BOBJ1	52	118.2167	Before	Interior Girder 6	61.9198	0.95	1	1	2.568337
EV3_serv	BOBJ1	52	118.2167	Before	Right Exterior Girder	61.7967	0.95	1	1	5.306352
EV3_serv	BOBJ1	53	118.2167	After	Left Exterior Girder	61.7967	0.95	1	1	5.300899
EV3_serv	BOBJ1	53	118.2167	After	Interior Girder 1	61.9198	0.95	1	1	3.823909
EV3_serv	BOBJ1	53	118.2167	After	Interior Girder 2	61.9198	0.95	1	1	3.554082
EV3_serv	BOBJ1	53	118.2167	After	Interior Girder 3	61.9198	0.95	1	1	3.42362
EV3_serv	BOBJ1	53	118.2167	After	Interior Girder 4	61.9198	0.95	1	1	3.42362
EV3_serv	BOBJ1	53	118.2167	After	Interior Girder 5	61.9198	0.95	1	1	3.554082
EV3_serv	BOBJ1	53	118.2167	After	Interior Girder 6	61.9198	0.95	1	1	3.823909
EV3_serv	BOBJ1	53	118.2167	After	Right Exterior Girder	61.7967	0.95	1	1	5.300899
EV3_serv	BOBJ1	54	123.84	Before	Left Exterior Girder	67.42	0.95	1	1	3.955203
EV3_serv	BOBJ1	54	123.84	Before	Interior Girder 1	67.42	0.95	1	1	2.602006
EV3_serv	BOBJ1	54	123.84	Before	Interior Girder 2	67.42	0.95	1	1	2.379209
EV3_serv	BOBJ1	54	123.84	Before	Interior Girder 3	67.42	0.95	1	1	2.019717
EV3_serv	BOBJ1	54	123.84	Before	Interior Girder 4	67.42	0.95	1	1	2.019717
EV3_serv	BOBJ1	54	123.84	Before	Interior Girder 5	67.42	0.95	1	1	2.379209
EV3_serv	BOBJ1	54	123.84	Before	Interior Girder 6	67.42	0.95	1	1	2.602006
EV3_serv	BOBJ1	54	123.84	Before	Right Exterior Girder	67.42	0.95	1	1	3.955203
EV3_serv	BOBJ1	55	123.84	After	Left Exterior Girder	0	0.95	1	1	3.92275
EV3_serv	BOBJ1	55	123.84	After	Interior Girder 1	0	0.95	1	1	2.575737
EV3_serv	BOBJ1	55	123.84	After	Interior Girder 2	0	0.95	1	1	2.371607
EV3_serv	BOBJ1	55	123.84	After	Interior Girder 3	0	0.95	1	1	2.015858
EV3_serv	BOBJ1	55	123.84	After	Interior Girder 4	0	0.95	1	1	2.015858
EV3_serv	BOBJ1	55	123.84	After	Interior Girder 5	0	0.95	1	1	2.371607
EV3_serv	BOBJ1	55	123.84	After	Interior Girder 6	0	0.95	1	1	2.575737
EV3_serv	BOBJ1	55	123.84	After	Right Exterior Girder	0	0.95	1	1	3.92275

TABLE: Bridge Super Rating AASHTORATE18 31 - SteelICompServ-Flx - Approach, Span 12-15										
Request	BridgeObj	BridgeCut	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	Unitless	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
EV3_serv	BOBJ1	56	129.34	Before	Interior Girder 1	5.5	0.95	1	1	3.874126
EV3_serv	BOBJ1	56	129.34	Before	Interior Girder 2	5.5	0.95	1	1	3.615593
EV3_serv	BOBJ1	56	129.34	Before	Interior Girder 3	5.5	0.95	1	1	3.474947
EV3_serv	BOBJ1	56	129.34	Before	Interior Girder 4	5.5	0.95	1	1	3.474947
EV3_serv	BOBJ1	56	129.34	Before	Interior Girder 5	5.5	0.95	1	1	3.615593
EV3_serv	BOBJ1	56	129.34	Before	Interior Girder 6	5.5	0.95	1	1	3.874126
EV3_serv	BOBJ1	57	129.34	After	Interior Girder 1	5.5	0.95	1	1	2.634262
EV3_serv	BOBJ1	57	129.34	After	Interior Girder 2	5.5	0.95	1	1	2.472679
EV3_serv	BOBJ1	57	129.34	After	Interior Girder 3	5.5	0.95	1	1	2.358889
EV3_serv	BOBJ1	57	129.34	After	Interior Girder 4	5.5	0.95	1	1	2.358889
EV3_serv	BOBJ1	57	129.34	After	Interior Girder 5	5.5	0.95	1	1	2.472679
EV3_serv	BOBJ1	57	129.34	After	Interior Girder 6	5.5	0.95	1	1	2.634262
EV3_serv	BOBJ1	58	130.79	Before	Left Exterior Girder	6.95	0.95	1	1	5.656231
EV3_serv	BOBJ1	58	130.79	Before	Interior Girder 1	6.95	0.95	1	1	2.869749
EV3_serv	BOBJ1	58	130.79	Before	Interior Girder 2	6.95	0.95	1	1	2.6735
EV3_serv	BOBJ1	58	130.79	Before	Interior Girder 3	6.95	0.95	1	1	2.604951
EV3_serv	BOBJ1	58	130.79	Before	Interior Girder 4	6.95	0.95	1	1	2.604951
EV3_serv	BOBJ1	58	130.79	Before	Interior Girder 5	6.95	0.95	1	1	2.6735
EV3_serv	BOBJ1	58	130.79	Before	Interior Girder 6	6.95	0.95	1	1	2.869749
EV3_serv	BOBJ1	58	130.79	Before	Right Exterior Girder	6.95	0.95	1	1	5.656231
EV3_serv	BOBJ1	59	130.79	After	Left Exterior Girder	6.95	0.95	1	1	5.706305
EV3_serv	BOBJ1	59	130.79	After	Interior Girder 1	6.95	0.95	1	1	2.854643
EV3_serv	BOBJ1	59	130.79	After	Interior Girder 2	6.95	0.95	1	1	2.695582
EV3_serv	BOBJ1	59	130.79	After	Interior Girder 3	6.95	0.95	1	1	2.622201
EV3_serv	BOBJ1	59	130.79	After	Interior Girder 4	6.95	0.95	1	1	2.622201
EV3_serv	BOBJ1	59	130.79	After	Interior Girder 5	6.95	0.95	1	1	2.695582
EV3_serv	BOBJ1	59	130.79	After	Interior Girder 6	6.95	0.95	1	1	2.854643
EV3_serv	BOBJ1	59	130.79	After	Right Exterior Girder	6.95	0.95	1	1	5.706305
EV3_serv	BOBJ1	60	132.34	Before	Left Exterior Girder	8.5	0.95	1	1	6.11786
EV3_serv	BOBJ1	60	132.34	Before	Right Exterior Girder	8.5	0.95	1	1	6.11786
EV3_serv	BOBJ1	61	132.34	After	Left Exterior Girder	8.5	0.95	1	1	2.861161
EV3_serv	BOBJ1	61	132.34	After	Right Exterior Girder	8.5	0.95	1	1	2.861161
EV3_serv	BOBJ1	62	137.74	Before	Left Exterior Girder	13.9	0.95	1	1	3.943095
EV3_serv	BOBJ1	62	137.74	Before	Interior Girder 1	13.9	0.95	1	1	3.986514
EV3_serv	BOBJ1	62	137.74	Before	Interior Girder 2	13.9	0.95	1	1	3.832508
EV3_serv	BOBJ1	62	137.74	Before	Interior Girder 3	13.9	0.95	1	1	3.758529
EV3_serv	BOBJ1	62	137.74	Before	Interior Girder 4	13.9	0.95	1	1	3.758529
EV3_serv	BOBJ1	62	137.74	Before	Interior Girder 5	13.9	0.95	1	1	3.832508
EV3_serv	BOBJ1	62	137.74	Before	Interior Girder 6	13.9	0.95	1	1	3.986514
EV3_serv	BOBJ1	62	137.74	Before	Right Exterior Girder	13.9	0.95	1	1	3.943095
EV3_serv	BOBJ1	63	137.74	After	Left Exterior Girder	13.9	0.95	1	1	3.916076
EV3_serv	BOBJ1	63	137.74	After	Interior Girder 1	13.9	0.95	1	1	4.007316
EV3_serv	BOBJ1	63	137.74	After	Interior Girder 2	13.9	0.95	1	1	3.862998
EV3_serv	BOBJ1	63	137.74	After	Interior Girder 3	13.9	0.95	1	1	3.813518
EV3_serv	BOBJ1	63	137.74	After	Interior Girder 4	13.9	0.95	1	1	3.813518
EV3_serv	BOBJ1	63	137.74	After	Interior Girder 5	13.9	0.95	1	1	3.862998
EV3_serv	BOBJ1	63	137.74	After	Interior Girder 6	13.9	0.95	1	1	4.007316
EV3_serv	BOBJ1	63	137.74	After	Right Exterior Girder	13.9	0.95	1	1	3.916076
EV3_serv	BOBJ1	64	143.7733	Before	Left Exterior Girder	19.9333	0.95	1	1	3.741279
EV3_serv	BOBJ1	64	143.7733	Before	Interior Girder 1	19.9333	0.95	1	1	2.700194
EV3_serv	BOBJ1	64	143.7733	Before	Interior Girder 2	19.9333	0.95	1	1	2.528692
EV3_serv	BOBJ1	64	143.7733	Before	Interior Girder 3	19.9333	0.95	1	1	2.440515
EV3_serv	BOBJ1	64	143.7733	Before	Interior Girder 4	19.9333	0.95	1	1	2.440515
EV3_serv	BOBJ1	64	143.7733	Before	Interior Girder 5	19.9333	0.95	1	1	2.528692
EV3_serv	BOBJ1	64	143.7733	Before	Interior Girder 6	19.9333	0.95	1	1	2.700194
EV3_serv	BOBJ1	64	143.7733	Before	Right Exterior Girder	19.9333	0.95	1	1	3.741279
EV3_serv	BOBJ1	65	143.7733	After	Left Exterior Girder	19.9333	0.95	1	1	3.796696
EV3_serv	BOBJ1	65	143.7733	After	Interior Girder 1	19.9333	0.95	1	1	2.669677
EV3_serv	BOBJ1	65	143.7733	After	Interior Girder 2	19.9333	0.95	1	1	2.527666
EV3_serv	BOBJ1	65	143.7733	After	Interior Girder 3	19.9333	0.95	1	1	2.466616
EV3_serv	BOBJ1	65	143.7733	After	Interior Girder 4	19.9333	0.95	1	1	2.466616
EV3_serv	BOBJ1	65	143.7733	After	Interior Girder 5	19.9333	0.95	1	1	2.527666
EV3_serv	BOBJ1	65	143.7733	After	Interior Girder 6	19.9333	0.95	1	1	2.669677
EV3_serv	BOBJ1	65	143.7733	After	Right Exterior Girder	19.9333	0.95	1	1	3.796696
EV3_serv	BOBJ1	66	149.8067	Before	Left Exterior Girder	25.9667	0.95	1	1	2.753153
EV3_serv	BOBJ1	66	149.8067	Before	Interior Girder 1	25.9667	0.95	1	1	2.134022
EV3_serv	BOBJ1	66	149.8067	Before	Interior Girder 2	25.9667	0.95	1	1	2.026835
EV3_serv	BOBJ1	66	149.8067	Before	Interior Girder 3	25.9667	0.95	1	1	1.975938
EV3_serv	BOBJ1	66	149.8067	Before	Interior Girder 4	25.9667	0.95	1	1	1.975938
EV3_serv	BOBJ1	66	149.8067	Before	Interior Girder 5	25.9667	0.95	1	1	2.026835
EV3_serv	BOBJ1	66	149.8067	Before	Interior Girder 6	25.9667	0.95	1	1	2.134022
EV3_serv	BOBJ1	66	149.8067	Before	Right Exterior Girder	25.9667	0.95	1	1	2.753153
EV3_serv	BOBJ1	67	149.8067	After	Left Exterior Girder	25.9667	0.95	1	1	2.7533

TABLE: Bridge Super Rating AASHTORATE18 31 - SteelICompServ-Flx - Approach, Span 12-15										
Request	BridgeObj	BridgeCut	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	Unitless	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
EV3_serv	BOBJ1	67	149.8067	After	Interior Girder 1	25.9667	0.95	1	1	2.135239
EV3_serv	BOBJ1	67	149.8067	After	Interior Girder 2	25.9667	0.95	1	1	2.040489
EV3_serv	BOBJ1	67	149.8067	After	Interior Girder 3	25.9667	0.95	1	1	1.995041
EV3_serv	BOBJ1	67	149.8067	After	Interior Girder 4	25.9667	0.95	1	1	1.995041
EV3_serv	BOBJ1	67	149.8067	After	Interior Girder 5	25.9667	0.95	1	1	2.040489
EV3_serv	BOBJ1	67	149.8067	After	Interior Girder 6	25.9667	0.95	1	1	2.135239
EV3_serv	BOBJ1	67	149.8067	After	Right Exterior Girder	25.9667	0.95	1	1	2.7533
EV3_serv	BOBJ1	68	155.84	Before	Left Exterior Girder	32	0.95	1	1	2.319806
EV3_serv	BOBJ1	68	155.84	Before	Interior Girder 1	32	0.95	1	1	2.045348
EV3_serv	BOBJ1	68	155.84	Before	Interior Girder 2	32	0.95	1	1	1.944748
EV3_serv	BOBJ1	68	155.84	Before	Interior Girder 3	32	0.95	1	1	1.917628
EV3_serv	BOBJ1	68	155.84	Before	Interior Girder 4	32	0.95	1	1	1.917628
EV3_serv	BOBJ1	68	155.84	Before	Interior Girder 5	32	0.95	1	1	1.944748
EV3_serv	BOBJ1	68	155.84	Before	Interior Girder 6	32	0.95	1	1	2.045348
EV3_serv	BOBJ1	68	155.84	Before	Right Exterior Girder	32	0.95	1	1	2.319806
EV3_serv	BOBJ1	69	155.84	After	Left Exterior Girder	32	0.95	1	1	2.330906
EV3_serv	BOBJ1	69	155.84	After	Interior Girder 1	32	0.95	1	1	2.037762
EV3_serv	BOBJ1	69	155.84	After	Interior Girder 2	32	0.95	1	1	1.941774
EV3_serv	BOBJ1	69	155.84	After	Interior Girder 3	32	0.95	1	1	1.914047
EV3_serv	BOBJ1	69	155.84	After	Interior Girder 4	32	0.95	1	1	1.914047
EV3_serv	BOBJ1	69	155.84	After	Interior Girder 5	32	0.95	1	1	1.941774
EV3_serv	BOBJ1	69	155.84	After	Interior Girder 6	32	0.95	1	1	2.037762
EV3_serv	BOBJ1	69	155.84	After	Right Exterior Girder	32	0.95	1	1	2.330906
EV3_serv	BOBJ1	70	161.8733	Before	Left Exterior Girder	38.0333	0.95	1	1	2.507879
EV3_serv	BOBJ1	70	161.8733	Before	Interior Girder 1	38.0333	0.95	1	1	1.996528
EV3_serv	BOBJ1	70	161.8733	Before	Interior Girder 2	38.0333	0.95	1	1	1.907331
EV3_serv	BOBJ1	70	161.8733	Before	Interior Girder 3	38.0333	0.95	1	1	1.866024
EV3_serv	BOBJ1	70	161.8733	Before	Interior Girder 4	38.0333	0.95	1	1	1.866024
EV3_serv	BOBJ1	70	161.8733	Before	Interior Girder 5	38.0333	0.95	1	1	1.907331
EV3_serv	BOBJ1	70	161.8733	Before	Interior Girder 6	38.0333	0.95	1	1	1.996528
EV3_serv	BOBJ1	70	161.8733	Before	Right Exterior Girder	38.0333	0.95	1	1	2.507879
EV3_serv	BOBJ1	71	161.8733	After	Left Exterior Girder	38.0333	0.95	1	1	2.517373
EV3_serv	BOBJ1	71	161.8733	After	Interior Girder 1	38.0333	0.95	1	1	1.989597
EV3_serv	BOBJ1	71	161.8733	After	Interior Girder 2	38.0333	0.95	1	1	1.896401
EV3_serv	BOBJ1	71	161.8733	After	Interior Girder 3	38.0333	0.95	1	1	1.851805
EV3_serv	BOBJ1	71	161.8733	After	Interior Girder 4	38.0333	0.95	1	1	1.851805
EV3_serv	BOBJ1	71	161.8733	After	Interior Girder 5	38.0333	0.95	1	1	1.896401
EV3_serv	BOBJ1	71	161.8733	After	Interior Girder 6	38.0333	0.95	1	1	1.989597
EV3_serv	BOBJ1	71	161.8733	After	Right Exterior Girder	38.0333	0.95	1	1	2.517373
EV3_serv	BOBJ1	72	167.9067	Before	Left Exterior Girder	44.0667	0.95	1	1	3.083125
EV3_serv	BOBJ1	72	167.9067	Before	Interior Girder 1	44.0667	0.95	1	1	2.306862
EV3_serv	BOBJ1	72	167.9067	Before	Interior Girder 2	44.0667	0.95	1	1	2.181591
EV3_serv	BOBJ1	72	167.9067	Before	Interior Girder 3	44.0667	0.95	1	1	2.133718
EV3_serv	BOBJ1	72	167.9067	Before	Interior Girder 4	44.0667	0.95	1	1	2.133718
EV3_serv	BOBJ1	72	167.9067	Before	Interior Girder 5	44.0667	0.95	1	1	2.181591
EV3_serv	BOBJ1	72	167.9067	Before	Interior Girder 6	44.0667	0.95	1	1	2.306862
EV3_serv	BOBJ1	72	167.9067	Before	Right Exterior Girder	44.0667	0.95	1	1	3.083125
EV3_serv	BOBJ1	73	167.9067	After	Left Exterior Girder	44.0667	0.95	1	1	3.036066
EV3_serv	BOBJ1	73	167.9067	After	Interior Girder 1	44.0667	0.95	1	1	2.329671
EV3_serv	BOBJ1	73	167.9067	After	Interior Girder 2	44.0667	0.95	1	1	2.188493
EV3_serv	BOBJ1	73	167.9067	After	Interior Girder 3	44.0667	0.95	1	1	2.121674
EV3_serv	BOBJ1	73	167.9067	After	Interior Girder 4	44.0667	0.95	1	1	2.121674
EV3_serv	BOBJ1	73	167.9067	After	Interior Girder 5	44.0667	0.95	1	1	2.188493
EV3_serv	BOBJ1	73	167.9067	After	Interior Girder 6	44.0667	0.95	1	1	2.329671
EV3_serv	BOBJ1	73	167.9067	After	Right Exterior Girder	44.0667	0.95	1	1	3.036066
EV3_serv	BOBJ1	74	173.94	Before	Left Exterior Girder	50.1	0.95	1	1	4.299301
EV3_serv	BOBJ1	74	173.94	Before	Interior Girder 1	50.1	0.95	1	1	3.293239
EV3_serv	BOBJ1	74	173.94	Before	Interior Girder 2	50.1	0.95	1	1	3.016878
EV3_serv	BOBJ1	74	173.94	Before	Interior Girder 3	50.1	0.95	1	1	2.9376
EV3_serv	BOBJ1	74	173.94	Before	Interior Girder 4	50.1	0.95	1	1	2.9376
EV3_serv	BOBJ1	74	173.94	Before	Interior Girder 5	50.1	0.95	1	1	3.016878
EV3_serv	BOBJ1	74	173.94	Before	Interior Girder 6	50.1	0.95	1	1	3.293239
EV3_serv	BOBJ1	74	173.94	Before	Right Exterior Girder	50.1	0.95	1	1	4.299301
EV3_serv	BOBJ1	75	173.94	After	Left Exterior Girder	50.1	0.95	1	1	4.27473
EV3_serv	BOBJ1	75	173.94	After	Interior Girder 1	50.1	0.95	1	1	3.302216
EV3_serv	BOBJ1	75	173.94	After	Interior Girder 2	50.1	0.95	1	1	3.004383
EV3_serv	BOBJ1	75	173.94	After	Interior Girder 3	50.1	0.95	1	1	2.90423
EV3_serv	BOBJ1	75	173.94	After	Interior Girder 4	50.1	0.95	1	1	2.90423
EV3_serv	BOBJ1	75	173.94	After	Interior Girder 5	50.1	0.95	1	1	3.004383
EV3_serv	BOBJ1	75	173.94	After	Interior Girder 6	50.1	0.95	1	1	3.302216
EV3_serv	BOBJ1	75	173.94	After	Right Exterior Girder	50.1	0.95	1	1	4.27473
EV3_serv	BOBJ1	76	179.98	Before	Left Exterior Girder	56.14	0.95	1	1	4.434209
EV3_serv	BOBJ1	76	179.98	Before	Interior Girder 1	56.14	0.95	1	1	4.456774

TABLE: Bridge Super Rating AASHTORATE18 31 - SteelICompServ-Flx - Approach, Span 12-15										
Request	BridgeObj	BridgeCut	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	Unitless	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
EV3_serv	BOBJ1	76	179.98	Before	Interior Girder 2	56.14	0.95	1	1	4.197764
EV3_serv	BOBJ1	76	179.98	Before	Interior Girder 3	56.14	0.95	1	1	4.179623
EV3_serv	BOBJ1	76	179.98	Before	Interior Girder 4	56.14	0.95	1	1	4.179623
EV3_serv	BOBJ1	76	179.98	Before	Interior Girder 5	56.14	0.95	1	1	4.197764
EV3_serv	BOBJ1	76	179.98	Before	Interior Girder 6	56.14	0.95	1	1	4.456774
EV3_serv	BOBJ1	76	179.98	Before	Right Exterior Girder	56.14	0.95	1	1	4.434209
EV3_serv	BOBJ1	77	179.98	After	Left Exterior Girder	56.14	0.95	1	1	4.466347
EV3_serv	BOBJ1	77	179.98	After	Interior Girder 1	56.14	0.95	1	1	4.427039
EV3_serv	BOBJ1	77	179.98	After	Interior Girder 2	56.14	0.95	1	1	4.132681
EV3_serv	BOBJ1	77	179.98	After	Interior Girder 3	56.14	0.95	1	1	4.126841
EV3_serv	BOBJ1	77	179.98	After	Interior Girder 4	56.14	0.95	1	1	4.126841
EV3_serv	BOBJ1	77	179.98	After	Interior Girder 5	56.14	0.95	1	1	4.132681
EV3_serv	BOBJ1	77	179.98	After	Interior Girder 6	56.14	0.95	1	1	4.427039
EV3_serv	BOBJ1	77	179.98	After	Right Exterior Girder	56.14	0.95	1	1	4.466347
EV3_serv	BOBJ1	78	183.56	Before	Left Exterior Girder	59.72	0.95	1	1	3.590373
EV3_serv	BOBJ1	78	183.56	Before	Right Exterior Girder	59.72	0.95	1	1	3.590373
EV3_serv	BOBJ1	79	183.56	After	Left Exterior Girder	59.72	0.95	1	1	8.145274
EV3_serv	BOBJ1	79	183.56	After	Right Exterior Girder	59.72	0.95	1	1	8.145274
EV3_serv	BOBJ1	80	186.02	Before	Left Exterior Girder	62.18	0.95	1	1	7.364827
EV3_serv	BOBJ1	80	186.02	Before	Interior Girder 1	62.22	0.95	1	1	3.224159
EV3_serv	BOBJ1	80	186.02	Before	Interior Girder 2	62.22	0.95	1	1	3.030262
EV3_serv	BOBJ1	80	186.02	Before	Interior Girder 3	62.22	0.95	1	1	2.823032
EV3_serv	BOBJ1	80	186.02	Before	Interior Girder 4	62.22	0.95	1	1	2.823032
EV3_serv	BOBJ1	80	186.02	Before	Interior Girder 5	62.22	0.95	1	1	3.030262
EV3_serv	BOBJ1	80	186.02	Before	Interior Girder 6	62.22	0.95	1	1	3.224159
EV3_serv	BOBJ1	80	186.02	Before	Right Exterior Girder	62.18	0.95	1	1	7.364827
EV3_serv	BOBJ1	81	186.02	After	Left Exterior Girder	62.18	0.95	1	1	7.395408
EV3_serv	BOBJ1	81	186.02	After	Interior Girder 1	62.22	0.95	1	1	5.0604
EV3_serv	BOBJ1	81	186.02	After	Interior Girder 2	62.22	0.95	1	1	4.632582
EV3_serv	BOBJ1	81	186.02	After	Interior Girder 3	62.22	0.95	1	1	4.358055
EV3_serv	BOBJ1	81	186.02	After	Interior Girder 4	62.22	0.95	1	1	4.358055
EV3_serv	BOBJ1	81	186.02	After	Interior Girder 5	62.22	0.95	1	1	4.632582
EV3_serv	BOBJ1	81	186.02	After	Interior Girder 6	62.22	0.95	1	1	5.0604
EV3_serv	BOBJ1	81	186.02	After	Right Exterior Girder	62.18	0.95	1	1	7.395408
EV3_serv	BOBJ1	82	192.06	Before	Left Exterior Girder	68.22	0.95	1	1	3.924646
EV3_serv	BOBJ1	82	192.06	Before	Interior Girder 1	68.22	0.95	1	1	2.544444
EV3_serv	BOBJ1	82	192.06	Before	Interior Girder 2	68.22	0.95	1	1	2.377062
EV3_serv	BOBJ1	82	192.06	Before	Interior Girder 3	68.22	0.95	1	1	2.055606
EV3_serv	BOBJ1	82	192.06	Before	Interior Girder 4	68.22	0.95	1	1	2.055606
EV3_serv	BOBJ1	82	192.06	Before	Interior Girder 5	68.22	0.95	1	1	2.377062
EV3_serv	BOBJ1	82	192.06	Before	Interior Girder 6	68.22	0.95	1	1	2.544444
EV3_serv	BOBJ1	82	192.06	Before	Right Exterior Girder	68.22	0.95	1	1	3.924646
EV3_serv	BOBJ1	83	192.06	After	Left Exterior Girder	0	0.95	1	1	3.782646
EV3_serv	BOBJ1	83	192.06	After	Interior Girder 1	0	0.95	1	1	2.897272
EV3_serv	BOBJ1	83	192.06	After	Interior Girder 2	0	0.95	1	1	2.605947
EV3_serv	BOBJ1	83	192.06	After	Interior Girder 3	0	0.95	1	1	2.269525
EV3_serv	BOBJ1	83	192.06	After	Interior Girder 4	0	0.95	1	1	2.269525
EV3_serv	BOBJ1	83	192.06	After	Interior Girder 5	0	0.95	1	1	2.605947
EV3_serv	BOBJ1	83	192.06	After	Interior Girder 6	0	0.95	1	1	2.897272
EV3_serv	BOBJ1	83	192.06	After	Right Exterior Girder	0	0.95	1	1	3.782646
EV3_serv	BOBJ1	84	197.087	Before	Interior Girder 1	5.027	0.95	1	1	3.624659
EV3_serv	BOBJ1	84	197.087	Before	Interior Girder 2	5.027	0.95	1	1	3.375345
EV3_serv	BOBJ1	84	197.087	Before	Interior Girder 3	5.027	0.95	1	1	3.319377
EV3_serv	BOBJ1	84	197.087	Before	Interior Girder 4	5.027	0.95	1	1	3.319377
EV3_serv	BOBJ1	84	197.087	Before	Interior Girder 5	5.027	0.95	1	1	3.375345
EV3_serv	BOBJ1	84	197.087	Before	Interior Girder 6	5.027	0.95	1	1	3.624659
EV3_serv	BOBJ1	85	197.087	After	Interior Girder 1	5.027	0.95	1	1	2.303681
EV3_serv	BOBJ1	85	197.087	After	Interior Girder 2	5.027	0.95	1	1	2.153604
EV3_serv	BOBJ1	85	197.087	After	Interior Girder 3	5.027	0.95	1	1	2.105095
EV3_serv	BOBJ1	85	197.087	After	Interior Girder 4	5.027	0.95	1	1	2.105095
EV3_serv	BOBJ1	85	197.087	After	Interior Girder 5	5.027	0.95	1	1	2.153604
EV3_serv	BOBJ1	85	197.087	After	Interior Girder 6	5.027	0.95	1	1	2.303681
EV3_serv	BOBJ1	86	197.91	Before	Left Exterior Girder	5.85	0.95	1	1	5.025152
EV3_serv	BOBJ1	86	197.91	Before	Interior Girder 1	5.85	0.95	1	1	2.41875
EV3_serv	BOBJ1	86	197.91	Before	Interior Girder 2	5.85	0.95	1	1	2.246625
EV3_serv	BOBJ1	86	197.91	Before	Interior Girder 3	5.85	0.95	1	1	2.232141
EV3_serv	BOBJ1	86	197.91	Before	Interior Girder 4	5.85	0.95	1	1	2.232141
EV3_serv	BOBJ1	86	197.91	Before	Interior Girder 5	5.85	0.95	1	1	2.246625
EV3_serv	BOBJ1	86	197.91	Before	Interior Girder 6	5.85	0.95	1	1	2.41875
EV3_serv	BOBJ1	86	197.91	Before	Right Exterior Girder	5.85	0.95	1	1	5.025152
EV3_serv	BOBJ1	87	197.91	After	Left Exterior Girder	5.85	0.95	1	1	5.054236
EV3_serv	BOBJ1	87	197.91	After	Interior Girder 1	5.85	0.95	1	1	2.418728
EV3_serv	BOBJ1	87	197.91	After	Interior Girder 2	5.85	0.95	1	1	2.263284

TABLE: Bridge Super Rating AASHTORATE18 31 - SteelICompServ-Flx - Approach, Span 12-15										
Request	BridgeObj	BridgeCut	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	Unitless	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
EV3_serv	BOBJ1	87	197.91	After	Interior Girder 3	5.85	0.95	1	1	2.234169
EV3_serv	BOBJ1	87	197.91	After	Interior Girder 4	5.85	0.95	1	1	2.234169
EV3_serv	BOBJ1	87	197.91	After	Interior Girder 5	5.85	0.95	1	1	2.263284
EV3_serv	BOBJ1	87	197.91	After	Interior Girder 6	5.85	0.95	1	1	2.418728
EV3_serv	BOBJ1	87	197.91	After	Right Exterior Girder	5.85	0.95	1	1	5.054236
EV3_serv	BOBJ1	88	199.1816	Before	Left Exterior Girder	7.1216	0.95	1	1	5.335326
EV3_serv	BOBJ1	88	199.1816	Before	Right Exterior Girder	7.1216	0.95	1	1	5.335326
EV3_serv	BOBJ1	89	199.1816	After	Left Exterior Girder	7.1216	0.95	1	1	2.298715
EV3_serv	BOBJ1	89	199.1816	After	Right Exterior Girder	7.1216	0.95	1	1	2.298715
EV3_serv	BOBJ1	90	203.5267	Before	Left Exterior Girder	11.3107	0.95	1	1	3.032055
EV3_serv	BOBJ1	90	203.5267	Before	Interior Girder 1	11.3107	0.95	1	1	3.205226
EV3_serv	BOBJ1	90	203.5267	Before	Interior Girder 2	11.3107	0.95	1	1	3.017241
EV3_serv	BOBJ1	90	203.5267	Before	Interior Girder 3	11.3107	0.95	1	1	3.108059
EV3_serv	BOBJ1	90	203.5267	Before	Interior Girder 4	11.3107	0.95	1	1	3.108059
EV3_serv	BOBJ1	90	203.5267	Before	Interior Girder 5	11.3107	0.95	1	1	3.017241
EV3_serv	BOBJ1	90	203.5267	Before	Interior Girder 6	11.3107	0.95	1	1	3.205226
EV3_serv	BOBJ1	90	203.5267	Before	Right Exterior Girder	11.3107	0.95	1	1	3.032055
EV3_serv	BOBJ1	91	203.5267	After	Left Exterior Girder	11.3107	0.95	1	1	4.834914
EV3_serv	BOBJ1	91	203.5267	After	Interior Girder 1	11.3107	0.95	1	1	5.03266
EV3_serv	BOBJ1	91	203.5267	After	Interior Girder 2	11.3107	0.95	1	1	4.797981
EV3_serv	BOBJ1	91	203.5267	After	Interior Girder 3	11.3107	0.95	1	1	4.911247
EV3_serv	BOBJ1	91	203.5267	After	Interior Girder 4	11.3107	0.95	1	1	4.911247
EV3_serv	BOBJ1	91	203.5267	After	Interior Girder 5	11.3107	0.95	1	1	4.797981
EV3_serv	BOBJ1	91	203.5267	After	Interior Girder 6	11.3107	0.95	1	1	5.03266
EV3_serv	BOBJ1	91	203.5267	After	Right Exterior Girder	11.3107	0.95	1	1	4.834914
EV3_serv	BOBJ1	92	209.1433	Before	Left Exterior Girder	17.0833	0.95	1	1	5.024397
EV3_serv	BOBJ1	92	209.1433	Before	Interior Girder 1	17.0833	0.95	1	1	3.923299
EV3_serv	BOBJ1	92	209.1433	Before	Interior Girder 2	17.0833	0.95	1	1	3.641943
EV3_serv	BOBJ1	92	209.1433	Before	Interior Girder 3	17.0833	0.95	1	1	3.533024
EV3_serv	BOBJ1	92	209.1433	Before	Interior Girder 4	17.0833	0.95	1	1	3.533024
EV3_serv	BOBJ1	92	209.1433	Before	Interior Girder 5	17.0833	0.95	1	1	3.641943
EV3_serv	BOBJ1	92	209.1433	Before	Interior Girder 6	17.0833	0.95	1	1	3.923299
EV3_serv	BOBJ1	92	209.1433	Before	Right Exterior Girder	17.0833	0.95	1	1	5.024397
EV3_serv	BOBJ1	93	209.1433	After	Left Exterior Girder	17.0833	0.95	1	1	4.946515
EV3_serv	BOBJ1	93	209.1433	After	Interior Girder 1	17.0833	0.95	1	1	3.936489
EV3_serv	BOBJ1	93	209.1433	After	Interior Girder 2	17.0833	0.95	1	1	3.681235
EV3_serv	BOBJ1	93	209.1433	After	Interior Girder 3	17.0833	0.95	1	1	3.597639
EV3_serv	BOBJ1	93	209.1433	After	Interior Girder 4	17.0833	0.95	1	1	3.597639
EV3_serv	BOBJ1	93	209.1433	After	Interior Girder 5	17.0833	0.95	1	1	3.681235
EV3_serv	BOBJ1	93	209.1433	After	Interior Girder 6	17.0833	0.95	1	1	3.936489
EV3_serv	BOBJ1	93	209.1433	After	Right Exterior Girder	17.0833	0.95	1	1	4.946515
EV3_serv	BOBJ1	94	214.76	Before	Left Exterior Girder	22.7	0.95	1	1	3.767833
EV3_serv	BOBJ1	94	214.76	Before	Interior Girder 1	22.7	0.95	1	1	3.160975
EV3_serv	BOBJ1	94	214.76	Before	Interior Girder 2	22.7	0.95	1	1	2.94559
EV3_serv	BOBJ1	94	214.76	Before	Interior Girder 3	22.7	0.95	1	1	2.879292
EV3_serv	BOBJ1	94	214.76	Before	Interior Girder 4	22.7	0.95	1	1	2.879292
EV3_serv	BOBJ1	94	214.76	Before	Interior Girder 5	22.7	0.95	1	1	2.94559
EV3_serv	BOBJ1	94	214.76	Before	Interior Girder 6	22.7	0.95	1	1	3.160975
EV3_serv	BOBJ1	94	214.76	Before	Right Exterior Girder	22.7	0.95	1	1	3.767833
EV3_serv	BOBJ1	95	214.76	After	Left Exterior Girder	22.7	0.95	1	1	3.770165
EV3_serv	BOBJ1	95	214.76	After	Interior Girder 1	22.7	0.95	1	1	3.146349
EV3_serv	BOBJ1	95	214.76	After	Interior Girder 2	22.7	0.95	1	1	2.952159
EV3_serv	BOBJ1	95	214.76	After	Interior Girder 3	22.7	0.95	1	1	2.893824
EV3_serv	BOBJ1	95	214.76	After	Interior Girder 4	22.7	0.95	1	1	2.893824
EV3_serv	BOBJ1	95	214.76	After	Interior Girder 5	22.7	0.95	1	1	2.952159
EV3_serv	BOBJ1	95	214.76	After	Interior Girder 6	22.7	0.95	1	1	3.146349
EV3_serv	BOBJ1	95	214.76	After	Right Exterior Girder	22.7	0.95	1	1	3.770165
EV3_serv	BOBJ1	96	220.3767	Before	Left Exterior Girder	28.3167	0.95	1	1	3.457498
EV3_serv	BOBJ1	96	220.3767	Before	Interior Girder 1	28.3167	0.95	1	1	2.672039
EV3_serv	BOBJ1	96	220.3767	Before	Interior Girder 2	28.3167	0.95	1	1	2.528098
EV3_serv	BOBJ1	96	220.3767	Before	Interior Girder 3	28.3167	0.95	1	1	2.454023
EV3_serv	BOBJ1	96	220.3767	Before	Interior Girder 4	28.3167	0.95	1	1	2.454023
EV3_serv	BOBJ1	96	220.3767	Before	Interior Girder 5	28.3167	0.95	1	1	2.528098
EV3_serv	BOBJ1	96	220.3767	Before	Interior Girder 6	28.3167	0.95	1	1	2.672039
EV3_serv	BOBJ1	96	220.3767	Before	Right Exterior Girder	28.3167	0.95	1	1	3.457498
EV3_serv	BOBJ1	97	220.3767	After	Left Exterior Girder	28.3167	0.95	1	1	3.481916
EV3_serv	BOBJ1	97	220.3767	After	Interior Girder 1	28.3167	0.95	1	1	2.660432
EV3_serv	BOBJ1	97	220.3767	After	Interior Girder 2	28.3167	0.95	1	1	2.521276
EV3_serv	BOBJ1	97	220.3767	After	Interior Girder 3	28.3167	0.95	1	1	2.455692
EV3_serv	BOBJ1	97	220.3767	After	Interior Girder 4	28.3167	0.95	1	1	2.455692
EV3_serv	BOBJ1	97	220.3767	After	Interior Girder 5	28.3167	0.95	1	1	2.521276
EV3_serv	BOBJ1	97	220.3767	After	Interior Girder 6	28.3167	0.95	1	1	2.660432
EV3_serv	BOBJ1	97	220.3767	After	Right Exterior Girder	28.3167	0.95	1	1	3.481916

TABLE: Bridge Super Rating AASHTORATE18 31 - SteelICompServ-Flx - Approach, Span 12-15										
Request	BridgeObj	BridgeCut	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	Unitless	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
EV3_serv	BOBJ1	98	225.9933	Before	Left Exterior Girder	33.9333	0.95	1	1	3.348861
EV3_serv	BOBJ1	98	225.9933	Before	Interior Girder 1	33.9333	0.95	1	1	2.568306
EV3_serv	BOBJ1	98	225.9933	Before	Interior Girder 2	33.9333	0.95	1	1	2.43831
EV3_serv	BOBJ1	98	225.9933	Before	Interior Girder 3	33.9333	0.95	1	1	2.371155
EV3_serv	BOBJ1	98	225.9933	Before	Interior Girder 4	33.9333	0.95	1	1	2.371155
EV3_serv	BOBJ1	98	225.9933	Before	Interior Girder 5	33.9333	0.95	1	1	2.43831
EV3_serv	BOBJ1	98	225.9933	Before	Interior Girder 6	33.9333	0.95	1	1	2.568306
EV3_serv	BOBJ1	98	225.9933	Before	Right Exterior Girder	33.9333	0.95	1	1	3.348861
EV3_serv	BOBJ1	99	225.9933	After	Left Exterior Girder	33.9333	0.95	1	1	3.328071
EV3_serv	BOBJ1	99	225.9933	After	Interior Girder 1	33.9333	0.95	1	1	2.58192
EV3_serv	BOBJ1	99	225.9933	After	Interior Girder 2	33.9333	0.95	1	1	2.442357
EV3_serv	BOBJ1	99	225.9933	After	Interior Girder 3	33.9333	0.95	1	1	2.368405
EV3_serv	BOBJ1	99	225.9933	After	Interior Girder 4	33.9333	0.95	1	1	2.368405
EV3_serv	BOBJ1	99	225.9933	After	Interior Girder 5	33.9333	0.95	1	1	2.442357
EV3_serv	BOBJ1	99	225.9933	After	Interior Girder 6	33.9333	0.95	1	1	2.58192
EV3_serv	BOBJ1	99	225.9933	After	Right Exterior Girder	33.9333	0.95	1	1	3.328071
EV3_serv	BOBJ1	100	231.61	Before	Left Exterior Girder	39.55	0.95	1	1	3.551558
EV3_serv	BOBJ1	100	231.61	Before	Interior Girder 1	39.55	0.95	1	1	2.869217
EV3_serv	BOBJ1	100	231.61	Before	Interior Girder 2	39.55	0.95	1	1	2.696877
EV3_serv	BOBJ1	100	231.61	Before	Interior Girder 3	39.55	0.95	1	1	2.608046
EV3_serv	BOBJ1	100	231.61	Before	Interior Girder 4	39.55	0.95	1	1	2.608046
EV3_serv	BOBJ1	100	231.61	Before	Interior Girder 5	39.55	0.95	1	1	2.696877
EV3_serv	BOBJ1	100	231.61	Before	Interior Girder 6	39.55	0.95	1	1	2.869217
EV3_serv	BOBJ1	100	231.61	Before	Right Exterior Girder	39.55	0.95	1	1	3.551558
EV3_serv	BOBJ1	101	231.61	After	Left Exterior Girder	39.55	0.95	1	1	3.546645
EV3_serv	BOBJ1	101	231.61	After	Interior Girder 1	39.55	0.95	1	1	2.875724
EV3_serv	BOBJ1	101	231.61	After	Interior Girder 2	39.55	0.95	1	1	2.680672
EV3_serv	BOBJ1	101	231.61	After	Interior Girder 3	39.55	0.95	1	1	2.581509
EV3_serv	BOBJ1	101	231.61	After	Interior Girder 4	39.55	0.95	1	1	2.581509
EV3_serv	BOBJ1	101	231.61	After	Interior Girder 5	39.55	0.95	1	1	2.680672
EV3_serv	BOBJ1	101	231.61	After	Interior Girder 6	39.55	0.95	1	1	2.875724
EV3_serv	BOBJ1	101	231.61	After	Right Exterior Girder	39.55	0.95	1	1	3.546645
EV3_serv	BOBJ1	102	237.37	Before	Left Exterior Girder	45.31	0.95	1	1	4.724366
EV3_serv	BOBJ1	102	237.37	Before	Interior Girder 1	45.31	0.95	1	1	3.421534
EV3_serv	BOBJ1	102	237.37	Before	Interior Girder 2	45.31	0.95	1	1	3.233066
EV3_serv	BOBJ1	102	237.37	Before	Interior Girder 3	45.31	0.95	1	1	3.05354
EV3_serv	BOBJ1	102	237.37	Before	Interior Girder 4	45.31	0.95	1	1	3.05354
EV3_serv	BOBJ1	102	237.37	Before	Interior Girder 5	45.31	0.95	1	1	3.233066
EV3_serv	BOBJ1	102	237.37	Before	Interior Girder 6	45.31	0.95	1	1	3.421534
EV3_serv	BOBJ1	102	237.37	Before	Right Exterior Girder	45.31	0.95	1	1	4.724366
EV3_serv	BOBJ1	103	237.37	After	Left Exterior Girder	45.31	0.95	1	1	4.756464
EV3_serv	BOBJ1	103	237.37	After	Interior Girder 1	45.31	0.95	1	1	3.401431
EV3_serv	BOBJ1	103	237.37	After	Interior Girder 2	45.31	0.95	1	1	3.171694
EV3_serv	BOBJ1	103	237.37	After	Interior Girder 3	45.31	0.95	1	1	2.945891
EV3_serv	BOBJ1	103	237.37	After	Interior Girder 4	45.31	0.95	1	1	2.945891
EV3_serv	BOBJ1	103	237.37	After	Interior Girder 5	45.31	0.95	1	1	3.171694
EV3_serv	BOBJ1	103	237.37	After	Interior Girder 6	45.31	0.95	1	1	3.401431
EV3_serv	BOBJ1	103	237.37	After	Right Exterior Girder	45.31	0.95	1	1	4.756464
EV3_serv	BOBJ1	104	243.13	Before	Left Exterior Girder	51.07	0.95	1	1	8.590746
EV3_serv	BOBJ1	104	243.13	Before	Interior Girder 1	51.07	0.95	1	1	5.600745
EV3_serv	BOBJ1	104	243.13	Before	Interior Girder 2	51.07	0.95	1	1	5.273798
EV3_serv	BOBJ1	104	243.13	Before	Interior Girder 3	51.07	0.95	1	1	4.631881
EV3_serv	BOBJ1	104	243.13	Before	Interior Girder 4	51.07	0.95	1	1	4.631881
EV3_serv	BOBJ1	104	243.13	Before	Interior Girder 5	51.07	0.95	1	1	5.273798
EV3_serv	BOBJ1	104	243.13	Before	Interior Girder 6	51.07	0.95	1	1	5.600745
EV3_serv	BOBJ1	104	243.13	Before	Right Exterior Girder	51.07	0.95	1	1	8.590746
EV3_serv	BOBJ1	105	243.13	After	Left Exterior Girder	51.07	0.95	1	1	8.594922
EV3_serv	BOBJ1	105	243.13	After	Interior Girder 1	51.07	0.95	1	1	5.533651
EV3_serv	BOBJ1	105	243.13	After	Interior Girder 2	51.07	0.95	1	1	5.148011
EV3_serv	BOBJ1	105	243.13	After	Interior Girder 3	51.07	0.95	1	1	4.415814
EV3_serv	BOBJ1	105	243.13	After	Interior Girder 4	51.07	0.95	1	1	4.415814
EV3_serv	BOBJ1	105	243.13	After	Interior Girder 5	51.07	0.95	1	1	5.148011
EV3_serv	BOBJ1	105	243.13	After	Interior Girder 6	51.07	0.95	1	1	5.533651
EV3_serv	BOBJ1	105	243.13	After	Right Exterior Girder	51.07	0.95	1	1	8.594922
EV3_serv	BOBJ1	106	248.89	Before	Left Exterior Girder	56.83	0.95	1	1	367.963455
EV3_serv	BOBJ1	106	248.89	Before	Interior Girder 1	56.83	0.95	1	1	283.898411
EV3_serv	BOBJ1	106	248.89	Before	Interior Girder 2	56.83	0.95	1	1	181.513343
EV3_serv	BOBJ1	106	248.89	Before	Interior Girder 3	56.83	0.95	1	1	141.678015
EV3_serv	BOBJ1	106	248.89	Before	Interior Girder 4	56.83	0.95	1	1	141.678015
EV3_serv	BOBJ1	106	248.89	Before	Interior Girder 5	56.83	0.95	1	1	181.513343
EV3_serv	BOBJ1	106	248.89	Before	Interior Girder 6	56.83	0.95	1	1	283.898411
EV3_serv	BOBJ1	106	248.89	Before	Right Exterior Girder	56.83	0.95	1	1	367.963455
EV3-neg_serv	BOBJ1	1	0	After	Left Exterior Girder	0	0.95	1	1	648.810817

TABLE: Bridge Super Rating AASHTORATE18 31 - SteelICompServ-Flx - Approach, Span 12-15										
Request	BridgeObj	BridgeCut	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	Unitless	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
EV3-neg_serv	BOBJ1	1	0	After	Interior Girder 1	0	0.95	1	1	209.145173
EV3-neg_serv	BOBJ1	1	0	After	Interior Girder 2	0	0.95	1	1	154.304146
EV3-neg_serv	BOBJ1	1	0	After	Interior Girder 3	0	0.95	1	1	124.592599
EV3-neg_serv	BOBJ1	1	0	After	Interior Girder 4	0	0.95	1	1	124.592599
EV3-neg_serv	BOBJ1	1	0	After	Interior Girder 5	0	0.95	1	1	154.304146
EV3-neg_serv	BOBJ1	1	0	After	Interior Girder 6	0	0.95	1	1	209.145173
EV3-neg_serv	BOBJ1	1	0	After	Right Exterior Girder	0	0.95	1	1	648.810817
EV3-neg_serv	BOBJ1	2	5.85	Before	Left Exterior Girder	5.85	0.95	1	1	39.353696
EV3-neg_serv	BOBJ1	2	5.85	Before	Interior Girder 1	5.85	0.95	1	1	42.014484
EV3-neg_serv	BOBJ1	2	5.85	Before	Interior Girder 2	5.85	0.95	1	1	45.096719
EV3-neg_serv	BOBJ1	2	5.85	Before	Interior Girder 3	5.85	0.95	1	1	44.725067
EV3-neg_serv	BOBJ1	2	5.85	Before	Interior Girder 4	5.85	0.95	1	1	44.725067
EV3-neg_serv	BOBJ1	2	5.85	Before	Interior Girder 5	5.85	0.95	1	1	45.096719
EV3-neg_serv	BOBJ1	2	5.85	Before	Interior Girder 6	5.85	0.95	1	1	42.014484
EV3-neg_serv	BOBJ1	2	5.85	Before	Right Exterior Girder	5.85	0.95	1	1	39.353696
EV3-neg_serv	BOBJ1	3	5.85	After	Left Exterior Girder	5.85	0.95	1	1	40.386937
EV3-neg_serv	BOBJ1	3	5.85	After	Interior Girder 1	5.85	0.95	1	1	40.580828
EV3-neg_serv	BOBJ1	3	5.85	After	Interior Girder 2	5.85	0.95	1	1	46.414622
EV3-neg_serv	BOBJ1	3	5.85	After	Interior Girder 3	5.85	0.95	1	1	46.340459
EV3-neg_serv	BOBJ1	3	5.85	After	Interior Girder 4	5.85	0.95	1	1	46.340459
EV3-neg_serv	BOBJ1	3	5.85	After	Interior Girder 5	5.85	0.95	1	1	46.414622
EV3-neg_serv	BOBJ1	3	5.85	After	Interior Girder 6	5.85	0.95	1	1	40.580828
EV3-neg_serv	BOBJ1	3	5.85	After	Right Exterior Girder	5.85	0.95	1	1	40.386937
EV3-neg_serv	BOBJ1	4	11.4667	Before	Left Exterior Girder	11.4667	0.95	1	1	22.12113
EV3-neg_serv	BOBJ1	4	11.4667	Before	Interior Girder 1	11.4667	0.95	1	1	22.187685
EV3-neg_serv	BOBJ1	4	11.4667	Before	Interior Girder 2	11.4667	0.95	1	1	23.702909
EV3-neg_serv	BOBJ1	4	11.4667	Before	Interior Girder 3	11.4667	0.95	1	1	24.161028
EV3-neg_serv	BOBJ1	4	11.4667	Before	Interior Girder 4	11.4667	0.95	1	1	24.161028
EV3-neg_serv	BOBJ1	4	11.4667	Before	Interior Girder 5	11.4667	0.95	1	1	23.702909
EV3-neg_serv	BOBJ1	4	11.4667	Before	Interior Girder 6	11.4667	0.95	1	1	22.187685
EV3-neg_serv	BOBJ1	4	11.4667	Before	Right Exterior Girder	11.4667	0.95	1	1	22.12113
EV3-neg_serv	BOBJ1	5	11.4667	After	Left Exterior Girder	11.4667	0.95	1	1	22.759391
EV3-neg_serv	BOBJ1	5	11.4667	After	Interior Girder 1	11.4667	0.95	1	1	21.709693
EV3-neg_serv	BOBJ1	5	11.4667	After	Interior Girder 2	11.4667	0.95	1	1	24.225047
EV3-neg_serv	BOBJ1	5	11.4667	After	Interior Girder 3	11.4667	0.95	1	1	24.777211
EV3-neg_serv	BOBJ1	5	11.4667	After	Interior Girder 4	11.4667	0.95	1	1	24.777211
EV3-neg_serv	BOBJ1	5	11.4667	After	Interior Girder 5	11.4667	0.95	1	1	24.225047
EV3-neg_serv	BOBJ1	5	11.4667	After	Interior Girder 6	11.4667	0.95	1	1	21.709693
EV3-neg_serv	BOBJ1	5	11.4667	After	Right Exterior Girder	11.4667	0.95	1	1	22.759391
EV3-neg_serv	BOBJ1	6	17.0833	Before	Left Exterior Girder	17.0833	0.95	1	1	15.570484
EV3-neg_serv	BOBJ1	6	17.0833	Before	Interior Girder 1	17.0833	0.95	1	1	15.219325
EV3-neg_serv	BOBJ1	6	17.0833	Before	Interior Girder 2	17.0833	0.95	1	1	16.232467
EV3-neg_serv	BOBJ1	6	17.0833	Before	Interior Girder 3	17.0833	0.95	1	1	16.756971
EV3-neg_serv	BOBJ1	6	17.0833	Before	Interior Girder 4	17.0833	0.95	1	1	16.756971
EV3-neg_serv	BOBJ1	6	17.0833	Before	Interior Girder 5	17.0833	0.95	1	1	16.232467
EV3-neg_serv	BOBJ1	6	17.0833	Before	Interior Girder 6	17.0833	0.95	1	1	15.219325
EV3-neg_serv	BOBJ1	6	17.0833	Before	Right Exterior Girder	17.0833	0.95	1	1	15.570484
EV3-neg_serv	BOBJ1	7	17.0833	After	Left Exterior Girder	17.0833	0.95	1	1	15.858168
EV3-neg_serv	BOBJ1	7	17.0833	After	Interior Girder 1	17.0833	0.95	1	1	15.027353
EV3-neg_serv	BOBJ1	7	17.0833	After	Interior Girder 2	17.0833	0.95	1	1	16.540614
EV3-neg_serv	BOBJ1	7	17.0833	After	Interior Girder 3	17.0833	0.95	1	1	17.106279
EV3-neg_serv	BOBJ1	7	17.0833	After	Interior Girder 4	17.0833	0.95	1	1	17.106279
EV3-neg_serv	BOBJ1	7	17.0833	After	Interior Girder 5	17.0833	0.95	1	1	16.540614
EV3-neg_serv	BOBJ1	7	17.0833	After	Interior Girder 6	17.0833	0.95	1	1	15.027353
EV3-neg_serv	BOBJ1	7	17.0833	After	Right Exterior Girder	17.0833	0.95	1	1	15.858168
EV3-neg_serv	BOBJ1	8	22.7	Before	Left Exterior Girder	22.7	0.95	1	1	11.838271
EV3-neg_serv	BOBJ1	8	22.7	Before	Interior Girder 1	22.7	0.95	1	1	11.538712
EV3-neg_serv	BOBJ1	8	22.7	Before	Interior Girder 2	22.7	0.95	1	1	12.237512
EV3-neg_serv	BOBJ1	8	22.7	Before	Interior Girder 3	22.7	0.95	1	1	12.71619
EV3-neg_serv	BOBJ1	8	22.7	Before	Interior Girder 4	22.7	0.95	1	1	12.71619
EV3-neg_serv	BOBJ1	8	22.7	Before	Interior Girder 5	22.7	0.95	1	1	12.237512
EV3-neg_serv	BOBJ1	8	22.7	Before	Interior Girder 6	22.7	0.95	1	1	11.538712
EV3-neg_serv	BOBJ1	8	22.7	Before	Right Exterior Girder	22.7	0.95	1	1	11.838271
EV3-neg_serv	BOBJ1	9	22.7	After	Left Exterior Girder	22.7	0.95	1	1	12.020401
EV3-neg_serv	BOBJ1	9	22.7	After	Interior Girder 1	22.7	0.95	1	1	11.416383
EV3-neg_serv	BOBJ1	9	22.7	After	Interior Girder 2	22.7	0.95	1	1	12.385466
EV3-neg_serv	BOBJ1	9	22.7	After	Interior Girder 3	22.7	0.95	1	1	12.85976
EV3-neg_serv	BOBJ1	9	22.7	After	Interior Girder 4	22.7	0.95	1	1	12.85976
EV3-neg_serv	BOBJ1	9	22.7	After	Interior Girder 5	22.7	0.95	1	1	12.385466
EV3-neg_serv	BOBJ1	9	22.7	After	Interior Girder 6	22.7	0.95	1	1	11.416383
EV3-neg_serv	BOBJ1	9	22.7	After	Right Exterior Girder	22.7	0.95	1	1	12.020401
EV3-neg_serv	BOBJ1	10	28.3167	Before	Left Exterior Girder	28.3167	0.95	1	1	9.403419
EV3-neg_serv	BOBJ1	10	28.3167	Before	Interior Girder 1	28.3167	0.95	1	1	9.088798

TABLE: Bridge Super Rating AASHTORATE18 31 - SteelICompServ-Flx - Approach, Span 12-15										
Request	BridgeObj	BridgeCut	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	Unitless	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
EV3-neg_serv	BOBJ1	10	28.3167	Before	Interior Girder 2	28.3167	0.95	1	1	9.361015
EV3-neg_serv	BOBJ1	10	28.3167	Before	Interior Girder 3	28.3167	0.95	1	1	9.751035
EV3-neg_serv	BOBJ1	10	28.3167	Before	Interior Girder 4	28.3167	0.95	1	1	9.751035
EV3-neg_serv	BOBJ1	10	28.3167	Before	Interior Girder 5	28.3167	0.95	1	1	9.361015
EV3-neg_serv	BOBJ1	10	28.3167	Before	Interior Girder 6	28.3167	0.95	1	1	9.088798
EV3-neg_serv	BOBJ1	10	28.3167	Before	Right Exterior Girder	28.3167	0.95	1	1	9.403419
EV3-neg_serv	BOBJ1	11	28.3167	After	Left Exterior Girder	28.3167	0.95	1	1	9.529946
EV3-neg_serv	BOBJ1	11	28.3167	After	Interior Girder 1	28.3167	0.95	1	1	8.996091
EV3-neg_serv	BOBJ1	11	28.3167	After	Interior Girder 2	28.3167	0.95	1	1	9.427799
EV3-neg_serv	BOBJ1	11	28.3167	After	Interior Girder 3	28.3167	0.95	1	1	9.811065
EV3-neg_serv	BOBJ1	11	28.3167	After	Interior Girder 4	28.3167	0.95	1	1	9.811065
EV3-neg_serv	BOBJ1	11	28.3167	After	Interior Girder 5	28.3167	0.95	1	1	9.427799
EV3-neg_serv	BOBJ1	11	28.3167	After	Interior Girder 6	28.3167	0.95	1	1	8.996091
EV3-neg_serv	BOBJ1	11	28.3167	After	Right Exterior Girder	28.3167	0.95	1	1	9.529946
EV3-neg_serv	BOBJ1	12	33.9333	Before	Left Exterior Girder	33.9333	0.95	1	1	7.524543
EV3-neg_serv	BOBJ1	12	33.9333	Before	Interior Girder 1	33.9333	0.95	1	1	7.283628
EV3-neg_serv	BOBJ1	12	33.9333	Before	Interior Girder 2	33.9333	0.95	1	1	7.331344
EV3-neg_serv	BOBJ1	12	33.9333	Before	Interior Girder 3	33.9333	0.95	1	1	7.646944
EV3-neg_serv	BOBJ1	12	33.9333	Before	Interior Girder 4	33.9333	0.95	1	1	7.646944
EV3-neg_serv	BOBJ1	12	33.9333	Before	Interior Girder 5	33.9333	0.95	1	1	7.331344
EV3-neg_serv	BOBJ1	12	33.9333	Before	Interior Girder 6	33.9333	0.95	1	1	7.283628
EV3-neg_serv	BOBJ1	12	33.9333	Before	Right Exterior Girder	33.9333	0.95	1	1	7.524543
EV3-neg_serv	BOBJ1	13	33.9333	After	Left Exterior Girder	33.9333	0.95	1	1	7.607888
EV3-neg_serv	BOBJ1	13	33.9333	After	Interior Girder 1	33.9333	0.95	1	1	7.215517
EV3-neg_serv	BOBJ1	13	33.9333	After	Interior Girder 2	33.9333	0.95	1	1	7.357047
EV3-neg_serv	BOBJ1	13	33.9333	After	Interior Girder 3	33.9333	0.95	1	1	7.692238
EV3-neg_serv	BOBJ1	13	33.9333	After	Interior Girder 4	33.9333	0.95	1	1	7.692238
EV3-neg_serv	BOBJ1	13	33.9333	After	Interior Girder 5	33.9333	0.95	1	1	7.357047
EV3-neg_serv	BOBJ1	13	33.9333	After	Interior Girder 6	33.9333	0.95	1	1	7.215517
EV3-neg_serv	BOBJ1	13	33.9333	After	Right Exterior Girder	33.9333	0.95	1	1	7.607888
EV3-neg_serv	BOBJ1	14	39.55	Before	Left Exterior Girder	39.55	0.95	1	1	5.95809
EV3-neg_serv	BOBJ1	14	39.55	Before	Interior Girder 1	39.55	0.95	1	1	5.866024
EV3-neg_serv	BOBJ1	14	39.55	Before	Interior Girder 2	39.55	0.95	1	1	5.786933
EV3-neg_serv	BOBJ1	14	39.55	Before	Interior Girder 3	39.55	0.95	1	1	6.036477
EV3-neg_serv	BOBJ1	14	39.55	Before	Interior Girder 4	39.55	0.95	1	1	6.036477
EV3-neg_serv	BOBJ1	14	39.55	Before	Interior Girder 5	39.55	0.95	1	1	5.786933
EV3-neg_serv	BOBJ1	14	39.55	Before	Interior Girder 6	39.55	0.95	1	1	5.866024
EV3-neg_serv	BOBJ1	14	39.55	Before	Right Exterior Girder	39.55	0.95	1	1	5.95809
EV3-neg_serv	BOBJ1	15	39.55	After	Left Exterior Girder	39.55	0.95	1	1	6.013865
EV3-neg_serv	BOBJ1	15	39.55	After	Interior Girder 1	39.55	0.95	1	1	5.816865
EV3-neg_serv	BOBJ1	15	39.55	After	Interior Girder 2	39.55	0.95	1	1	5.761601
EV3-neg_serv	BOBJ1	15	39.55	After	Interior Girder 3	39.55	0.95	1	1	6.032391
EV3-neg_serv	BOBJ1	15	39.55	After	Interior Girder 4	39.55	0.95	1	1	6.032391
EV3-neg_serv	BOBJ1	15	39.55	After	Interior Girder 5	39.55	0.95	1	1	5.761601
EV3-neg_serv	BOBJ1	15	39.55	After	Interior Girder 6	39.55	0.95	1	1	5.816865
EV3-neg_serv	BOBJ1	15	39.55	After	Right Exterior Girder	39.55	0.95	1	1	6.013865
EV3-neg_serv	BOBJ1	16	45.1733	Before	Left Exterior Girder	45.1226	0.95	1	1	4.590029
EV3-neg_serv	BOBJ1	16	45.1733	Before	Interior Girder 1	45.1226	0.95	1	1	4.689181
EV3-neg_serv	BOBJ1	16	45.1733	Before	Interior Girder 2	45.1226	0.95	1	1	4.474878
EV3-neg_serv	BOBJ1	16	45.1733	Before	Interior Girder 3	45.1226	0.95	1	1	4.537068
EV3-neg_serv	BOBJ1	16	45.1733	Before	Interior Girder 4	45.1226	0.95	1	1	4.537068
EV3-neg_serv	BOBJ1	16	45.1733	Before	Interior Girder 5	45.1226	0.95	1	1	4.474878
EV3-neg_serv	BOBJ1	16	45.1733	Before	Interior Girder 6	45.1226	0.95	1	1	4.689181
EV3-neg_serv	BOBJ1	16	45.1733	Before	Right Exterior Girder	45.1226	0.95	1	1	4.590029
EV3-neg_serv	BOBJ1	17	45.1733	After	Left Exterior Girder	45.1226	0.95	1	1	3.68886
EV3-neg_serv	BOBJ1	17	45.1733	After	Interior Girder 1	45.1226	0.95	1	1	3.757532
EV3-neg_serv	BOBJ1	17	45.1733	After	Interior Girder 2	45.1226	0.95	1	1	3.566252
EV3-neg_serv	BOBJ1	17	45.1733	After	Interior Girder 3	45.1226	0.95	1	1	3.624738
EV3-neg_serv	BOBJ1	17	45.1733	After	Interior Girder 4	45.1226	0.95	1	1	3.624738
EV3-neg_serv	BOBJ1	17	45.1733	After	Interior Girder 5	45.1226	0.95	1	1	3.566252
EV3-neg_serv	BOBJ1	17	45.1733	After	Interior Girder 6	45.1226	0.95	1	1	3.757532
EV3-neg_serv	BOBJ1	17	45.1733	After	Right Exterior Girder	45.1226	0.95	1	1	3.68886
EV3-neg_serv	BOBJ1	18	49.2561	Before	Left Exterior Girder	49.2561	0.95	1	1	2.629606
EV3-neg_serv	BOBJ1	18	49.2561	Before	Right Exterior Girder	49.2561	0.95	1	1	2.629606
EV3-neg_serv	BOBJ1	19	49.2561	After	Left Exterior Girder	49.2561	0.95	1	1	2.687929
EV3-neg_serv	BOBJ1	19	49.2561	After	Right Exterior Girder	49.2561	0.95	1	1	2.687929
EV3-neg_serv	BOBJ1	20	50.7967	Before	Left Exterior Girder	50.7967	0.95	1	1	4.914874
EV3-neg_serv	BOBJ1	20	50.7967	Before	Interior Girder 1	50.7967	0.95	1	1	2.333453
EV3-neg_serv	BOBJ1	20	50.7967	Before	Interior Girder 2	50.7967	0.95	1	1	2.148073
EV3-neg_serv	BOBJ1	20	50.7967	Before	Interior Girder 3	50.7967	0.95	1	1	1.953019
EV3-neg_serv	BOBJ1	20	50.7967	Before	Interior Girder 4	50.7967	0.95	1	1	1.953019
EV3-neg_serv	BOBJ1	20	50.7967	Before	Interior Girder 5	50.7967	0.95	1	1	2.148073
EV3-neg_serv	BOBJ1	20	50.7967	Before	Interior Girder 6	50.7967	0.95	1	1	2.333453

TABLE: Bridge Super Rating AASHTORATE18 31 - SteelICompServ-Flx - Approach, Span 12-15										
Request	BridgeObj	BridgeCut	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	Unitless	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
EV3-neg_serv	BOBJ1	20	50.7967	Before	Right Exterior Girder	50.7967	0.95	1	1	4.914874
EV3-neg_serv	BOBJ1	21	50.7967	After	Left Exterior Girder	50.7967	0.95	1	1	4.905044
EV3-neg_serv	BOBJ1	21	50.7967	After	Interior Girder 1	50.7967	0.95	1	1	2.339531
EV3-neg_serv	BOBJ1	21	50.7967	After	Interior Girder 2	50.7967	0.95	1	1	2.168501
EV3-neg_serv	BOBJ1	21	50.7967	After	Interior Girder 3	50.7967	0.95	1	1	1.989665
EV3-neg_serv	BOBJ1	21	50.7967	After	Interior Girder 4	50.7967	0.95	1	1	1.989665
EV3-neg_serv	BOBJ1	21	50.7967	After	Interior Girder 5	50.7967	0.95	1	1	2.168501
EV3-neg_serv	BOBJ1	21	50.7967	After	Interior Girder 6	50.7967	0.95	1	1	2.339531
EV3-neg_serv	BOBJ1	21	50.7967	After	Right Exterior Girder	50.7967	0.95	1	1	4.905044
EV3-neg_serv	BOBJ1	22	51.3989	Before	Interior Girder 1	51.3989	0.95	1	1	2.119105
EV3-neg_serv	BOBJ1	22	51.3989	Before	Interior Girder 2	51.3989	0.95	1	1	1.995066
EV3-neg_serv	BOBJ1	22	51.3989	Before	Interior Girder 3	51.3989	0.95	1	1	1.811872
EV3-neg_serv	BOBJ1	22	51.3989	Before	Interior Girder 4	51.3989	0.95	1	1	1.811872
EV3-neg_serv	BOBJ1	22	51.3989	Before	Interior Girder 5	51.3989	0.95	1	1	1.995066
EV3-neg_serv	BOBJ1	22	51.3989	Before	Interior Girder 6	51.3989	0.95	1	1	2.119105
EV3-neg_serv	BOBJ1	23	51.3989	After	Interior Girder 1	51.3989	0.95	1	1	3.165075
EV3-neg_serv	BOBJ1	23	51.3989	After	Interior Girder 2	51.3989	0.95	1	1	2.954883
EV3-neg_serv	BOBJ1	23	51.3989	After	Interior Girder 3	51.3989	0.95	1	1	2.720375
EV3-neg_serv	BOBJ1	23	51.3989	After	Interior Girder 4	51.3989	0.95	1	1	2.720375
EV3-neg_serv	BOBJ1	23	51.3989	After	Interior Girder 5	51.3989	0.95	1	1	2.954883
EV3-neg_serv	BOBJ1	23	51.3989	After	Interior Girder 6	51.3989	0.95	1	1	3.165075
EV3-neg_serv	BOBJ1	24	56.42	Before	Left Exterior Girder	56.42	0.95	1	1	2.683528
EV3-neg_serv	BOBJ1	24	56.42	Before	Interior Girder 1	56.42	0.95	1	1	1.725413
EV3-neg_serv	BOBJ1	24	56.42	Before	Interior Girder 2	56.42	0.95	1	1	1.630426
EV3-neg_serv	BOBJ1	24	56.42	Before	Interior Girder 3	56.42	0.95	1	1	1.433963
EV3-neg_serv	BOBJ1	24	56.42	Before	Interior Girder 4	56.42	0.95	1	1	1.433963
EV3-neg_serv	BOBJ1	24	56.42	Before	Interior Girder 5	56.42	0.95	1	1	1.630426
EV3-neg_serv	BOBJ1	24	56.42	Before	Interior Girder 6	56.42	0.95	1	1	1.725413
EV3-neg_serv	BOBJ1	24	56.42	Before	Right Exterior Girder	56.42	0.95	1	1	2.683528
EV3-neg_serv	BOBJ1	25	56.42	After	Left Exterior Girder	0	0.95	1	1	2.644278
EV3-neg_serv	BOBJ1	25	56.42	After	Interior Girder 1	0	0.95	1	1	1.727491
EV3-neg_serv	BOBJ1	25	56.42	After	Interior Girder 2	0	0.95	1	1	1.629364
EV3-neg_serv	BOBJ1	25	56.42	After	Interior Girder 3	0	0.95	1	1	1.426284
EV3-neg_serv	BOBJ1	25	56.42	After	Interior Girder 4	0	0.95	1	1	1.426284
EV3-neg_serv	BOBJ1	25	56.42	After	Interior Girder 5	0	0.95	1	1	1.629364
EV3-neg_serv	BOBJ1	25	56.42	After	Interior Girder 6	0	0.95	1	1	1.727491
EV3-neg_serv	BOBJ1	25	56.42	After	Right Exterior Girder	0	0.95	1	1	2.644278
EV3-neg_serv	BOBJ1	26	62.0367	Before	Left Exterior Girder	5.6167	0.95	1	1	5.018785
EV3-neg_serv	BOBJ1	26	62.0367	Before	Interior Girder 1	5.6167	0.95	1	1	3.286814
EV3-neg_serv	BOBJ1	26	62.0367	Before	Interior Girder 2	5.6167	0.95	1	1	3.059647
EV3-neg_serv	BOBJ1	26	62.0367	Before	Interior Girder 3	5.6167	0.95	1	1	2.812027
EV3-neg_serv	BOBJ1	26	62.0367	Before	Interior Girder 4	5.6167	0.95	1	1	2.812027
EV3-neg_serv	BOBJ1	26	62.0367	Before	Interior Girder 5	5.6167	0.95	1	1	3.059647
EV3-neg_serv	BOBJ1	26	62.0367	Before	Interior Girder 6	5.6167	0.95	1	1	3.286814
EV3-neg_serv	BOBJ1	26	62.0367	Before	Right Exterior Girder	5.6167	0.95	1	1	5.018785
EV3-neg_serv	BOBJ1	27	62.0367	After	Left Exterior Girder	5.6167	0.95	1	1	4.873354
EV3-neg_serv	BOBJ1	27	62.0367	After	Interior Girder 1	5.6167	0.95	1	1	3.377352
EV3-neg_serv	BOBJ1	27	62.0367	After	Interior Girder 2	5.6167	0.95	1	1	3.07429
EV3-neg_serv	BOBJ1	27	62.0367	After	Interior Girder 3	5.6167	0.95	1	1	2.808217
EV3-neg_serv	BOBJ1	27	62.0367	After	Interior Girder 4	5.6167	0.95	1	1	2.808217
EV3-neg_serv	BOBJ1	27	62.0367	After	Interior Girder 5	5.6167	0.95	1	1	3.07429
EV3-neg_serv	BOBJ1	27	62.0367	After	Interior Girder 6	5.6167	0.95	1	1	3.377352
EV3-neg_serv	BOBJ1	27	62.0367	After	Right Exterior Girder	5.6167	0.95	1	1	4.873354
EV3-neg_serv	BOBJ1	28	62.4203	Before	Interior Girder 1	6.0003	0.95	1	1	3.577369
EV3-neg_serv	BOBJ1	28	62.4203	Before	Interior Girder 2	6.0003	0.95	1	1	3.232224
EV3-neg_serv	BOBJ1	28	62.4203	Before	Interior Girder 3	6.0003	0.95	1	1	2.96024
EV3-neg_serv	BOBJ1	28	62.4203	Before	Interior Girder 4	6.0003	0.95	1	1	2.96024
EV3-neg_serv	BOBJ1	28	62.4203	Before	Interior Girder 5	6.0003	0.95	1	1	3.232224
EV3-neg_serv	BOBJ1	28	62.4203	Before	Interior Girder 6	6.0003	0.95	1	1	3.577369
EV3-neg_serv	BOBJ1	29	62.4203	After	Interior Girder 1	6.0003	0.95	1	1	2.401229
EV3-neg_serv	BOBJ1	29	62.4203	After	Interior Girder 2	6.0003	0.95	1	1	2.173039
EV3-neg_serv	BOBJ1	29	62.4203	After	Interior Girder 3	6.0003	0.95	1	1	1.960257
EV3-neg_serv	BOBJ1	29	62.4203	After	Interior Girder 4	6.0003	0.95	1	1	1.960257
EV3-neg_serv	BOBJ1	29	62.4203	After	Interior Girder 5	6.0003	0.95	1	1	2.173039
EV3-neg_serv	BOBJ1	29	62.4203	After	Interior Girder 6	6.0003	0.95	1	1	2.401229
EV3-neg_serv	BOBJ1	30	64.9204	Before	Left Exterior Girder	8.5004	0.95	1	1	6.952565
EV3-neg_serv	BOBJ1	30	64.9204	Before	Right Exterior Girder	8.5004	0.95	1	1	6.952565
EV3-neg_serv	BOBJ1	31	64.9204	After	Left Exterior Girder	8.5004	0.95	1	1	3.304522
EV3-neg_serv	BOBJ1	31	64.9204	After	Right Exterior Girder	8.5004	0.95	1	1	3.304522
EV3-neg_serv	BOBJ1	32	67.6533	Before	Left Exterior Girder	11.2333	0.95	1	1	4.667806
EV3-neg_serv	BOBJ1	32	67.6533	Before	Interior Girder 1	11.2333	0.95	1	1	4.499312
EV3-neg_serv	BOBJ1	32	67.6533	Before	Interior Girder 2	11.2333	0.95	1	1	4.148
EV3-neg_serv	BOBJ1	32	67.6533	Before	Interior Girder 3	11.2333	0.95	1	1	3.989348

TABLE: Bridge Super Rating AASHTORATE18 31 - SteelICompServ-Flx - Approach, Span 12-15										
Request	BridgeObj	BridgeCut	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	Unitless	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
EV3-neg_serv	BOBJ1	32	67.6533	Before	Interior Girder 4	11.2333	0.95	1	1	3.989348
EV3-neg_serv	BOBJ1	32	67.6533	Before	Interior Girder 5	11.2333	0.95	1	1	4.148
EV3-neg_serv	BOBJ1	32	67.6533	Before	Interior Girder 6	11.2333	0.95	1	1	4.499312
EV3-neg_serv	BOBJ1	32	67.6533	Before	Right Exterior Girder	11.2333	0.95	1	1	4.667806
EV3-neg_serv	BOBJ1	33	67.6533	After	Left Exterior Girder	11.2333	0.95	1	1	4.577991
EV3-neg_serv	BOBJ1	33	67.6533	After	Interior Girder 1	11.2333	0.95	1	1	4.489116
EV3-neg_serv	BOBJ1	33	67.6533	After	Interior Girder 2	11.2333	0.95	1	1	4.095696
EV3-neg_serv	BOBJ1	33	67.6533	After	Interior Girder 3	11.2333	0.95	1	1	3.894595
EV3-neg_serv	BOBJ1	33	67.6533	After	Interior Girder 4	11.2333	0.95	1	1	3.894595
EV3-neg_serv	BOBJ1	33	67.6533	After	Interior Girder 5	11.2333	0.95	1	1	4.095696
EV3-neg_serv	BOBJ1	33	67.6533	After	Interior Girder 6	11.2333	0.95	1	1	4.489116
EV3-neg_serv	BOBJ1	33	67.6533	After	Right Exterior Girder	11.2333	0.95	1	1	4.577991
EV3-neg_serv	BOBJ1	34	73.27	Before	Left Exterior Girder	16.85	0.95	1	1	6.416422
EV3-neg_serv	BOBJ1	34	73.27	Before	Interior Girder 1	16.85	0.95	1	1	6.27474
EV3-neg_serv	BOBJ1	34	73.27	Before	Interior Girder 2	16.85	0.95	1	1	6.076691
EV3-neg_serv	BOBJ1	34	73.27	Before	Interior Girder 3	16.85	0.95	1	1	6.401033
EV3-neg_serv	BOBJ1	34	73.27	Before	Interior Girder 4	16.85	0.95	1	1	6.401033
EV3-neg_serv	BOBJ1	34	73.27	Before	Interior Girder 5	16.85	0.95	1	1	6.076691
EV3-neg_serv	BOBJ1	34	73.27	Before	Interior Girder 6	16.85	0.95	1	1	6.27474
EV3-neg_serv	BOBJ1	34	73.27	Before	Right Exterior Girder	16.85	0.95	1	1	6.416422
EV3-neg_serv	BOBJ1	35	73.27	After	Left Exterior Girder	16.85	0.95	1	1	6.368442
EV3-neg_serv	BOBJ1	35	73.27	After	Interior Girder 1	16.85	0.95	1	1	6.315252
EV3-neg_serv	BOBJ1	35	73.27	After	Interior Girder 2	16.85	0.95	1	1	6.101695
EV3-neg_serv	BOBJ1	35	73.27	After	Interior Girder 3	16.85	0.95	1	1	6.399014
EV3-neg_serv	BOBJ1	35	73.27	After	Interior Girder 4	16.85	0.95	1	1	6.399014
EV3-neg_serv	BOBJ1	35	73.27	After	Interior Girder 5	16.85	0.95	1	1	6.101695
EV3-neg_serv	BOBJ1	35	73.27	After	Interior Girder 6	16.85	0.95	1	1	6.315252
EV3-neg_serv	BOBJ1	35	73.27	After	Right Exterior Girder	16.85	0.95	1	1	6.368442
EV3-neg_serv	BOBJ1	36	78.8867	Before	Left Exterior Girder	22.4667	0.95	1	1	8.122809
EV3-neg_serv	BOBJ1	36	78.8867	Before	Interior Girder 1	22.4667	0.95	1	1	7.757506
EV3-neg_serv	BOBJ1	36	78.8867	Before	Interior Girder 2	22.4667	0.95	1	1	7.832582
EV3-neg_serv	BOBJ1	36	78.8867	Before	Interior Girder 3	22.4667	0.95	1	1	8.230976
EV3-neg_serv	BOBJ1	36	78.8867	Before	Interior Girder 4	22.4667	0.95	1	1	8.230976
EV3-neg_serv	BOBJ1	36	78.8867	Before	Interior Girder 5	22.4667	0.95	1	1	7.832582
EV3-neg_serv	BOBJ1	36	78.8867	Before	Interior Girder 6	22.4667	0.95	1	1	7.757506
EV3-neg_serv	BOBJ1	36	78.8867	Before	Right Exterior Girder	22.4667	0.95	1	1	8.122809
EV3-neg_serv	BOBJ1	37	78.8867	After	Left Exterior Girder	22.4667	0.95	1	1	8.061617
EV3-neg_serv	BOBJ1	37	78.8867	After	Interior Girder 1	22.4667	0.95	1	1	7.813275
EV3-neg_serv	BOBJ1	37	78.8867	After	Interior Girder 2	22.4667	0.95	1	1	7.805904
EV3-neg_serv	BOBJ1	37	78.8867	After	Interior Girder 3	22.4667	0.95	1	1	8.210232
EV3-neg_serv	BOBJ1	37	78.8867	After	Interior Girder 4	22.4667	0.95	1	1	8.210232
EV3-neg_serv	BOBJ1	37	78.8867	After	Interior Girder 5	22.4667	0.95	1	1	7.805904
EV3-neg_serv	BOBJ1	37	78.8867	After	Interior Girder 6	22.4667	0.95	1	1	7.813275
EV3-neg_serv	BOBJ1	37	78.8867	After	Right Exterior Girder	22.4667	0.95	1	1	8.061617
EV3-neg_serv	BOBJ1	38	84.5033	Before	Left Exterior Girder	28.0833	0.95	1	1	10.056589
EV3-neg_serv	BOBJ1	38	84.5033	Before	Interior Girder 1	28.0833	0.95	1	1	9.537077
EV3-neg_serv	BOBJ1	38	84.5033	Before	Interior Girder 2	28.0833	0.95	1	1	10.013151
EV3-neg_serv	BOBJ1	38	84.5033	Before	Interior Girder 3	28.0833	0.95	1	1	10.477644
EV3-neg_serv	BOBJ1	38	84.5033	Before	Interior Girder 4	28.0833	0.95	1	1	10.477644
EV3-neg_serv	BOBJ1	38	84.5033	Before	Interior Girder 5	28.0833	0.95	1	1	10.013151
EV3-neg_serv	BOBJ1	38	84.5033	Before	Interior Girder 6	28.0833	0.95	1	1	9.537077
EV3-neg_serv	BOBJ1	38	84.5033	Before	Right Exterior Girder	28.0833	0.95	1	1	10.056589
EV3-neg_serv	BOBJ1	39	84.5033	After	Left Exterior Girder	28.0833	0.95	1	1	9.96165
EV3-neg_serv	BOBJ1	39	84.5033	After	Interior Girder 1	28.0833	0.95	1	1	9.616308
EV3-neg_serv	BOBJ1	39	84.5033	After	Interior Girder 2	28.0833	0.95	1	1	9.952949
EV3-neg_serv	BOBJ1	39	84.5033	After	Interior Girder 3	28.0833	0.95	1	1	10.46706
EV3-neg_serv	BOBJ1	39	84.5033	After	Interior Girder 4	28.0833	0.95	1	1	10.46706
EV3-neg_serv	BOBJ1	39	84.5033	After	Interior Girder 5	28.0833	0.95	1	1	9.952949
EV3-neg_serv	BOBJ1	39	84.5033	After	Interior Girder 6	28.0833	0.95	1	1	9.616308
EV3-neg_serv	BOBJ1	39	84.5033	After	Right Exterior Girder	28.0833	0.95	1	1	9.96165
EV3-neg_serv	BOBJ1	40	90.12	Before	Left Exterior Girder	33.7	0.95	1	1	10.164389
EV3-neg_serv	BOBJ1	40	90.12	Before	Interior Girder 1	33.7	0.95	1	1	10.008888
EV3-neg_serv	BOBJ1	40	90.12	Before	Interior Girder 2	33.7	0.95	1	1	10.787718
EV3-neg_serv	BOBJ1	40	90.12	Before	Interior Girder 3	33.7	0.95	1	1	11.307227
EV3-neg_serv	BOBJ1	40	90.12	Before	Interior Girder 4	33.7	0.95	1	1	11.307227
EV3-neg_serv	BOBJ1	40	90.12	Before	Interior Girder 5	33.7	0.95	1	1	10.787718
EV3-neg_serv	BOBJ1	40	90.12	Before	Interior Girder 6	33.7	0.95	1	1	10.008888
EV3-neg_serv	BOBJ1	40	90.12	Before	Right Exterior Girder	33.7	0.95	1	1	10.164389
EV3-neg_serv	BOBJ1	41	90.12	After	Left Exterior Girder	33.7	0.95	1	1	10.267993
EV3-neg_serv	BOBJ1	41	90.12	After	Interior Girder 1	33.7	0.95	1	1	9.915012
EV3-neg_serv	BOBJ1	41	90.12	After	Interior Girder 2	33.7	0.95	1	1	10.854345
EV3-neg_serv	BOBJ1	41	90.12	After	Interior Girder 3	33.7	0.95	1	1	11.395153
EV3-neg_serv	BOBJ1	41	90.12	After	Interior Girder 4	33.7	0.95	1	1	11.395153

TABLE: Bridge Super Rating AASHTORATE18 31 - SteelICompServ-Flx - Approach, Span 12-15										
Request	BridgeObj	BridgeCut	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	Unitless	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
EV3-neg_serv	BOBJ1	41	90.12	After	Interior Girder 5	33.7	0.95	1	1	10.854345
EV3-neg_serv	BOBJ1	41	90.12	After	Interior Girder 6	33.7	0.95	1	1	9.915012
EV3-neg_serv	BOBJ1	41	90.12	After	Right Exterior Girder	33.7	0.95	1	1	10.267993
EV3-neg_serv	BOBJ1	42	95.7367	Before	Left Exterior Girder	39.3167	0.95	1	1	8.178145
EV3-neg_serv	BOBJ1	42	95.7367	Before	Interior Girder 1	39.3167	0.95	1	1	7.876493
EV3-neg_serv	BOBJ1	42	95.7367	Before	Interior Girder 2	39.3167	0.95	1	1	8.169089
EV3-neg_serv	BOBJ1	42	95.7367	Before	Interior Girder 3	39.3167	0.95	1	1	8.555613
EV3-neg_serv	BOBJ1	42	95.7367	Before	Interior Girder 4	39.3167	0.95	1	1	8.555613
EV3-neg_serv	BOBJ1	42	95.7367	Before	Interior Girder 5	39.3167	0.95	1	1	8.169089
EV3-neg_serv	BOBJ1	42	95.7367	Before	Interior Girder 6	39.3167	0.95	1	1	7.876493
EV3-neg_serv	BOBJ1	42	95.7367	Before	Right Exterior Girder	39.3167	0.95	1	1	8.178145
EV3-neg_serv	BOBJ1	43	95.7367	After	Left Exterior Girder	39.3167	0.95	1	1	8.265513
EV3-neg_serv	BOBJ1	43	95.7367	After	Interior Girder 1	39.3167	0.95	1	1	7.806917
EV3-neg_serv	BOBJ1	43	95.7367	After	Interior Girder 2	39.3167	0.95	1	1	8.226311
EV3-neg_serv	BOBJ1	43	95.7367	After	Interior Girder 3	39.3167	0.95	1	1	8.58644
EV3-neg_serv	BOBJ1	43	95.7367	After	Interior Girder 4	39.3167	0.95	1	1	8.58644
EV3-neg_serv	BOBJ1	43	95.7367	After	Interior Girder 5	39.3167	0.95	1	1	8.226311
EV3-neg_serv	BOBJ1	43	95.7367	After	Interior Girder 6	39.3167	0.95	1	1	7.806917
EV3-neg_serv	BOBJ1	43	95.7367	After	Right Exterior Girder	39.3167	0.95	1	1	8.265513
EV3-neg_serv	BOBJ1	44	101.3533	Before	Left Exterior Girder	44.9333	0.95	1	1	6.501861
EV3-neg_serv	BOBJ1	44	101.3533	Before	Interior Girder 1	44.9333	0.95	1	1	6.285959
EV3-neg_serv	BOBJ1	44	101.3533	Before	Interior Girder 2	44.9333	0.95	1	1	6.333564
EV3-neg_serv	BOBJ1	44	101.3533	Before	Interior Girder 3	44.9333	0.95	1	1	6.62722
EV3-neg_serv	BOBJ1	44	101.3533	Before	Interior Girder 4	44.9333	0.95	1	1	6.62722
EV3-neg_serv	BOBJ1	44	101.3533	Before	Interior Girder 5	44.9333	0.95	1	1	6.333564
EV3-neg_serv	BOBJ1	44	101.3533	Before	Interior Girder 6	44.9333	0.95	1	1	6.285959
EV3-neg_serv	BOBJ1	44	101.3533	Before	Right Exterior Girder	44.9333	0.95	1	1	6.501861
EV3-neg_serv	BOBJ1	45	101.3533	After	Left Exterior Girder	44.9333	0.95	1	1	6.554745
EV3-neg_serv	BOBJ1	45	101.3533	After	Interior Girder 1	44.9333	0.95	1	1	6.240615
EV3-neg_serv	BOBJ1	45	101.3533	After	Interior Girder 2	44.9333	0.95	1	1	6.362387
EV3-neg_serv	BOBJ1	45	101.3533	After	Interior Girder 3	44.9333	0.95	1	1	6.658636
EV3-neg_serv	BOBJ1	45	101.3533	After	Interior Girder 4	44.9333	0.95	1	1	6.658636
EV3-neg_serv	BOBJ1	45	101.3533	After	Interior Girder 5	44.9333	0.95	1	1	6.362387
EV3-neg_serv	BOBJ1	45	101.3533	After	Interior Girder 6	44.9333	0.95	1	1	6.240615
EV3-neg_serv	BOBJ1	45	101.3533	After	Right Exterior Girder	44.9333	0.95	1	1	6.554745
EV3-neg_serv	BOBJ1	46	106.97	Before	Left Exterior Girder	50.55	0.95	1	1	5.074988
EV3-neg_serv	BOBJ1	46	106.97	Before	Interior Girder 1	50.55	0.95	1	1	5.019099
EV3-neg_serv	BOBJ1	46	106.97	Before	Interior Girder 2	50.55	0.95	1	1	4.922621
EV3-neg_serv	BOBJ1	46	106.97	Before	Interior Girder 3	50.55	0.95	1	1	5.134173
EV3-neg_serv	BOBJ1	46	106.97	Before	Interior Girder 4	50.55	0.95	1	1	5.134173
EV3-neg_serv	BOBJ1	46	106.97	Before	Interior Girder 5	50.55	0.95	1	1	4.922621
EV3-neg_serv	BOBJ1	46	106.97	Before	Interior Girder 6	50.55	0.95	1	1	5.019099
EV3-neg_serv	BOBJ1	46	106.97	Before	Right Exterior Girder	50.55	0.95	1	1	5.074988
EV3-neg_serv	BOBJ1	47	106.97	After	Left Exterior Girder	50.55	0.95	1	1	5.111034
EV3-neg_serv	BOBJ1	47	106.97	After	Interior Girder 1	50.55	0.95	1	1	4.991259
EV3-neg_serv	BOBJ1	47	106.97	After	Interior Girder 2	50.55	0.95	1	1	4.910141
EV3-neg_serv	BOBJ1	47	106.97	After	Interior Girder 3	50.55	0.95	1	1	5.134779
EV3-neg_serv	BOBJ1	47	106.97	After	Interior Girder 4	50.55	0.95	1	1	5.134779
EV3-neg_serv	BOBJ1	47	106.97	After	Interior Girder 5	50.55	0.95	1	1	4.910141
EV3-neg_serv	BOBJ1	47	106.97	After	Interior Girder 6	50.55	0.95	1	1	4.991259
EV3-neg_serv	BOBJ1	47	106.97	After	Right Exterior Girder	50.55	0.95	1	1	5.111034
EV3-neg_serv	BOBJ1	48	112.5933	Before	Left Exterior Girder	56.1733	0.95	1	1	3.757175
EV3-neg_serv	BOBJ1	48	112.5933	Before	Interior Girder 1	56.1733	0.95	1	1	3.886428
EV3-neg_serv	BOBJ1	48	112.5933	Before	Interior Girder 2	56.1733	0.95	1	1	3.629655
EV3-neg_serv	BOBJ1	48	112.5933	Before	Interior Girder 3	56.1733	0.95	1	1	3.542969
EV3-neg_serv	BOBJ1	48	112.5933	Before	Interior Girder 4	56.1733	0.95	1	1	3.542969
EV3-neg_serv	BOBJ1	48	112.5933	Before	Interior Girder 5	56.1733	0.95	1	1	3.629655
EV3-neg_serv	BOBJ1	48	112.5933	Before	Interior Girder 6	56.1733	0.95	1	1	3.886428
EV3-neg_serv	BOBJ1	48	112.5933	Before	Right Exterior Girder	56.1733	0.95	1	1	3.757175
EV3-neg_serv	BOBJ1	49	112.5933	After	Left Exterior Girder	56.1733	0.95	1	1	3.787735
EV3-neg_serv	BOBJ1	49	112.5933	After	Interior Girder 1	56.1733	0.95	1	1	3.86553
EV3-neg_serv	BOBJ1	49	112.5933	After	Interior Girder 2	56.1733	0.95	1	1	3.651499
EV3-neg_serv	BOBJ1	49	112.5933	After	Interior Girder 3	56.1733	0.95	1	1	3.638063
EV3-neg_serv	BOBJ1	49	112.5933	After	Interior Girder 4	56.1733	0.95	1	1	3.638063
EV3-neg_serv	BOBJ1	49	112.5933	After	Interior Girder 5	56.1733	0.95	1	1	3.651499
EV3-neg_serv	BOBJ1	49	112.5933	After	Interior Girder 6	56.1733	0.95	1	1	3.86553
EV3-neg_serv	BOBJ1	49	112.5933	After	Right Exterior Girder	56.1733	0.95	1	1	3.787735
EV3-neg_serv	BOBJ1	50	115.3396	Before	Left Exterior Girder	58.9196	0.95	1	1	2.909147
EV3-neg_serv	BOBJ1	50	115.3396	Before	Right Exterior Girder	58.9196	0.95	1	1	2.909147
EV3-neg_serv	BOBJ1	51	115.3396	After	Left Exterior Girder	58.9196	0.95	1	1	6.237794
EV3-neg_serv	BOBJ1	51	115.3396	After	Right Exterior Girder	58.9196	0.95	1	1	6.237794
EV3-neg_serv	BOBJ1	52	118.2167	Before	Left Exterior Girder	61.7967	0.95	1	1	4.632504
EV3-neg_serv	BOBJ1	52	118.2167	Before	Interior Girder 1	61.9198	0.95	1	1	2.102286

TABLE: Bridge Super Rating AASHTORATE18 31 - SteelICompServ-Flx - Approach, Span 12-15										
Request	BridgeObj	BridgeCut	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	Unitless	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
EV3-neg_serv	BOBJ1	52	118.2167	Before	Interior Girder 2	61.9198	0.95	1	1	1.960468
EV3-neg_serv	BOBJ1	52	118.2167	Before	Interior Girder 3	61.9198	0.95	1	1	1.773489
EV3-neg_serv	BOBJ1	52	118.2167	Before	Interior Girder 4	61.9198	0.95	1	1	1.773489
EV3-neg_serv	BOBJ1	52	118.2167	Before	Interior Girder 5	61.9198	0.95	1	1	1.960468
EV3-neg_serv	BOBJ1	52	118.2167	Before	Interior Girder 6	61.9198	0.95	1	1	2.102286
EV3-neg_serv	BOBJ1	52	118.2167	Before	Right Exterior Girder	61.7967	0.95	1	1	4.632504
EV3-neg_serv	BOBJ1	53	118.2167	After	Left Exterior Girder	61.7967	0.95	1	1	4.66692
EV3-neg_serv	BOBJ1	53	118.2167	After	Interior Girder 1	61.9198	0.95	1	1	3.138741
EV3-neg_serv	BOBJ1	53	118.2167	After	Interior Girder 2	61.9198	0.95	1	1	2.915337
EV3-neg_serv	BOBJ1	53	118.2167	After	Interior Girder 3	61.9198	0.95	1	1	2.693304
EV3-neg_serv	BOBJ1	53	118.2167	After	Interior Girder 4	61.9198	0.95	1	1	2.693304
EV3-neg_serv	BOBJ1	53	118.2167	After	Interior Girder 5	61.9198	0.95	1	1	2.915337
EV3-neg_serv	BOBJ1	53	118.2167	After	Interior Girder 6	61.9198	0.95	1	1	3.138741
EV3-neg_serv	BOBJ1	53	118.2167	After	Right Exterior Girder	61.7967	0.95	1	1	4.66692
EV3-neg_serv	BOBJ1	54	123.84	Before	Left Exterior Girder	67.42	0.95	1	1	2.523067
EV3-neg_serv	BOBJ1	54	123.84	Before	Interior Girder 1	67.42	0.95	1	1	1.662383
EV3-neg_serv	BOBJ1	54	123.84	Before	Interior Girder 2	67.42	0.95	1	1	1.562408
EV3-neg_serv	BOBJ1	54	123.84	Before	Interior Girder 3	67.42	0.95	1	1	1.372799
EV3-neg_serv	BOBJ1	54	123.84	Before	Interior Girder 4	67.42	0.95	1	1	1.372799
EV3-neg_serv	BOBJ1	54	123.84	Before	Interior Girder 5	67.42	0.95	1	1	1.562408
EV3-neg_serv	BOBJ1	54	123.84	Before	Interior Girder 6	67.42	0.95	1	1	1.662383
EV3-neg_serv	BOBJ1	54	123.84	Before	Right Exterior Girder	67.42	0.95	1	1	2.523067
EV3-neg_serv	BOBJ1	55	123.84	After	Left Exterior Girder	0	0.95	1	1	2.5027
EV3-neg_serv	BOBJ1	55	123.84	After	Interior Girder 1	0	0.95	1	1	1.672732
EV3-neg_serv	BOBJ1	55	123.84	After	Interior Girder 2	0	0.95	1	1	1.570715
EV3-neg_serv	BOBJ1	55	123.84	After	Interior Girder 3	0	0.95	1	1	1.374974
EV3-neg_serv	BOBJ1	55	123.84	After	Interior Girder 4	0	0.95	1	1	1.374974
EV3-neg_serv	BOBJ1	55	123.84	After	Interior Girder 5	0	0.95	1	1	1.570715
EV3-neg_serv	BOBJ1	55	123.84	After	Interior Girder 6	0	0.95	1	1	1.672732
EV3-neg_serv	BOBJ1	55	123.84	After	Right Exterior Girder	0	0.95	1	1	2.5027
EV3-neg_serv	BOBJ1	56	129.34	Before	Interior Girder 1	5.5	0.95	1	1	3.087374
EV3-neg_serv	BOBJ1	56	129.34	Before	Interior Girder 2	5.5	0.95	1	1	2.875004
EV3-neg_serv	BOBJ1	56	129.34	Before	Interior Girder 3	5.5	0.95	1	1	2.656226
EV3-neg_serv	BOBJ1	56	129.34	Before	Interior Girder 4	5.5	0.95	1	1	2.656226
EV3-neg_serv	BOBJ1	56	129.34	Before	Interior Girder 5	5.5	0.95	1	1	2.875004
EV3-neg_serv	BOBJ1	56	129.34	Before	Interior Girder 6	5.5	0.95	1	1	3.087374
EV3-neg_serv	BOBJ1	57	129.34	After	Interior Girder 1	5.5	0.95	1	1	2.059867
EV3-neg_serv	BOBJ1	57	129.34	After	Interior Girder 2	5.5	0.95	1	1	1.937301
EV3-neg_serv	BOBJ1	57	129.34	After	Interior Girder 3	5.5	0.95	1	1	1.762291
EV3-neg_serv	BOBJ1	57	129.34	After	Interior Girder 4	5.5	0.95	1	1	1.762291
EV3-neg_serv	BOBJ1	57	129.34	After	Interior Girder 5	5.5	0.95	1	1	1.937301
EV3-neg_serv	BOBJ1	57	129.34	After	Interior Girder 6	5.5	0.95	1	1	2.059867
EV3-neg_serv	BOBJ1	58	130.79	Before	Left Exterior Girder	6.95	0.95	1	1	5.379976
EV3-neg_serv	BOBJ1	58	130.79	Before	Interior Girder 1	6.95	0.95	1	1	2.565713
EV3-neg_serv	BOBJ1	58	130.79	Before	Interior Girder 2	6.95	0.95	1	1	2.342289
EV3-neg_serv	BOBJ1	58	130.79	Before	Interior Girder 3	6.95	0.95	1	1	2.182456
EV3-neg_serv	BOBJ1	58	130.79	Before	Interior Girder 4	6.95	0.95	1	1	2.182456
EV3-neg_serv	BOBJ1	58	130.79	Before	Interior Girder 5	6.95	0.95	1	1	2.342289
EV3-neg_serv	BOBJ1	58	130.79	Before	Interior Girder 6	6.95	0.95	1	1	2.565713
EV3-neg_serv	BOBJ1	58	130.79	Before	Right Exterior Girder	6.95	0.95	1	1	5.379976
EV3-neg_serv	BOBJ1	59	130.79	After	Left Exterior Girder	6.95	0.95	1	1	5.395
EV3-neg_serv	BOBJ1	59	130.79	After	Interior Girder 1	6.95	0.95	1	1	2.531677
EV3-neg_serv	BOBJ1	59	130.79	After	Interior Girder 2	6.95	0.95	1	1	2.304679
EV3-neg_serv	BOBJ1	59	130.79	After	Interior Girder 3	6.95	0.95	1	1	2.122383
EV3-neg_serv	BOBJ1	59	130.79	After	Interior Girder 4	6.95	0.95	1	1	2.122383
EV3-neg_serv	BOBJ1	59	130.79	After	Interior Girder 5	6.95	0.95	1	1	2.304679
EV3-neg_serv	BOBJ1	59	130.79	After	Interior Girder 6	6.95	0.95	1	1	2.531677
EV3-neg_serv	BOBJ1	59	130.79	After	Right Exterior Girder	6.95	0.95	1	1	5.395
EV3-neg_serv	BOBJ1	60	132.34	Before	Left Exterior Girder	8.5	0.95	1	1	6.404278
EV3-neg_serv	BOBJ1	60	132.34	Before	Right Exterior Girder	8.5	0.95	1	1	6.404278
EV3-neg_serv	BOBJ1	61	132.34	After	Left Exterior Girder	8.5	0.95	1	1	2.912359
EV3-neg_serv	BOBJ1	61	132.34	After	Right Exterior Girder	8.5	0.95	1	1	2.912359
EV3-neg_serv	BOBJ1	62	137.74	Before	Left Exterior Girder	13.9	0.95	1	1	4.482864
EV3-neg_serv	BOBJ1	62	137.74	Before	Interior Girder 1	13.9	0.95	1	1	4.515786
EV3-neg_serv	BOBJ1	62	137.74	Before	Interior Girder 2	13.9	0.95	1	1	4.31344
EV3-neg_serv	BOBJ1	62	137.74	Before	Interior Girder 3	13.9	0.95	1	1	4.518075
EV3-neg_serv	BOBJ1	62	137.74	Before	Interior Girder 4	13.9	0.95	1	1	4.518075
EV3-neg_serv	BOBJ1	62	137.74	Before	Interior Girder 5	13.9	0.95	1	1	4.31344
EV3-neg_serv	BOBJ1	62	137.74	Before	Interior Girder 6	13.9	0.95	1	1	4.515786
EV3-neg_serv	BOBJ1	62	137.74	Before	Right Exterior Girder	13.9	0.95	1	1	4.482864
EV3-neg_serv	BOBJ1	63	137.74	After	Left Exterior Girder	13.9	0.95	1	1	4.443641
EV3-neg_serv	BOBJ1	63	137.74	After	Interior Girder 1	13.9	0.95	1	1	4.547556
EV3-neg_serv	BOBJ1	63	137.74	After	Interior Girder 2	13.9	0.95	1	1	4.351838

TABLE: Bridge Super Rating AASHTORATE18 31 - SteelICompServ-Flx - Approach, Span 12-15										
Request	BridgeObj	BridgeCut	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	Unitless	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
EV3-neg_serv	BOBJ1	63	137.74	After	Interior Girder 3	13.9	0.95	1	1	4.521873
EV3-neg_serv	BOBJ1	63	137.74	After	Interior Girder 4	13.9	0.95	1	1	4.521873
EV3-neg_serv	BOBJ1	63	137.74	After	Interior Girder 5	13.9	0.95	1	1	4.351838
EV3-neg_serv	BOBJ1	63	137.74	After	Interior Girder 6	13.9	0.95	1	1	4.547556
EV3-neg_serv	BOBJ1	63	137.74	After	Right Exterior Girder	13.9	0.95	1	1	4.443641
EV3-neg_serv	BOBJ1	64	143.7733	Before	Left Exterior Girder	19.9333	0.95	1	1	5.997241
EV3-neg_serv	BOBJ1	64	143.7733	Before	Interior Girder 1	19.9333	0.95	1	1	5.814561
EV3-neg_serv	BOBJ1	64	143.7733	Before	Interior Girder 2	19.9333	0.95	1	1	5.799211
EV3-neg_serv	BOBJ1	64	143.7733	Before	Interior Girder 3	19.9333	0.95	1	1	6.070904
EV3-neg_serv	BOBJ1	64	143.7733	Before	Interior Girder 4	19.9333	0.95	1	1	6.070904
EV3-neg_serv	BOBJ1	64	143.7733	Before	Interior Girder 5	19.9333	0.95	1	1	5.799211
EV3-neg_serv	BOBJ1	64	143.7733	Before	Interior Girder 6	19.9333	0.95	1	1	5.814561
EV3-neg_serv	BOBJ1	64	143.7733	Before	Right Exterior Girder	19.9333	0.95	1	1	5.997241
EV3-neg_serv	BOBJ1	65	143.7733	After	Left Exterior Girder	19.9333	0.95	1	1	5.937046
EV3-neg_serv	BOBJ1	65	143.7733	After	Interior Girder 1	19.9333	0.95	1	1	5.869475
EV3-neg_serv	BOBJ1	65	143.7733	After	Interior Girder 2	19.9333	0.95	1	1	5.799125
EV3-neg_serv	BOBJ1	65	143.7733	After	Interior Girder 3	19.9333	0.95	1	1	6.052677
EV3-neg_serv	BOBJ1	65	143.7733	After	Interior Girder 4	19.9333	0.95	1	1	6.052677
EV3-neg_serv	BOBJ1	65	143.7733	After	Interior Girder 5	19.9333	0.95	1	1	5.799125
EV3-neg_serv	BOBJ1	65	143.7733	After	Interior Girder 6	19.9333	0.95	1	1	5.869475
EV3-neg_serv	BOBJ1	65	143.7733	After	Right Exterior Girder	19.9333	0.95	1	1	5.937046
EV3-neg_serv	BOBJ1	66	149.8067	Before	Left Exterior Girder	25.9667	0.95	1	1	7.734948
EV3-neg_serv	BOBJ1	66	149.8067	Before	Interior Girder 1	25.9667	0.95	1	1	7.394613
EV3-neg_serv	BOBJ1	66	149.8067	Before	Interior Girder 2	25.9667	0.95	1	1	7.667908
EV3-neg_serv	BOBJ1	66	149.8067	Before	Interior Girder 3	25.9667	0.95	1	1	8.004618
EV3-neg_serv	BOBJ1	66	149.8067	Before	Interior Girder 4	25.9667	0.95	1	1	8.004618
EV3-neg_serv	BOBJ1	66	149.8067	Before	Interior Girder 5	25.9667	0.95	1	1	7.667908
EV3-neg_serv	BOBJ1	66	149.8067	Before	Interior Girder 6	25.9667	0.95	1	1	7.394613
EV3-neg_serv	BOBJ1	66	149.8067	Before	Right Exterior Girder	25.9667	0.95	1	1	7.734948
EV3-neg_serv	BOBJ1	67	149.8067	After	Left Exterior Girder	25.9667	0.95	1	1	7.639448
EV3-neg_serv	BOBJ1	67	149.8067	After	Interior Girder 1	25.9667	0.95	1	1	7.470071
EV3-neg_serv	BOBJ1	67	149.8067	After	Interior Girder 2	25.9667	0.95	1	1	7.637608
EV3-neg_serv	BOBJ1	67	149.8067	After	Interior Girder 3	25.9667	0.95	1	1	7.991507
EV3-neg_serv	BOBJ1	67	149.8067	After	Interior Girder 4	25.9667	0.95	1	1	7.991507
EV3-neg_serv	BOBJ1	67	149.8067	After	Interior Girder 5	25.9667	0.95	1	1	7.637608
EV3-neg_serv	BOBJ1	67	149.8067	After	Interior Girder 6	25.9667	0.95	1	1	7.470071
EV3-neg_serv	BOBJ1	67	149.8067	After	Right Exterior Girder	25.9667	0.95	1	1	7.639448
EV3-neg_serv	BOBJ1	68	155.84	Before	Left Exterior Girder	32	0.95	1	1	9.845674
EV3-neg_serv	BOBJ1	68	155.84	Before	Interior Girder 1	32	0.95	1	1	9.487861
EV3-neg_serv	BOBJ1	68	155.84	Before	Interior Girder 2	32	0.95	1	1	10.315642
EV3-neg_serv	BOBJ1	68	155.84	Before	Interior Girder 3	32	0.95	1	1	10.802742
EV3-neg_serv	BOBJ1	68	155.84	Before	Interior Girder 4	32	0.95	1	1	10.802742
EV3-neg_serv	BOBJ1	68	155.84	Before	Interior Girder 5	32	0.95	1	1	10.315642
EV3-neg_serv	BOBJ1	68	155.84	Before	Interior Girder 6	32	0.95	1	1	9.487861
EV3-neg_serv	BOBJ1	68	155.84	Before	Right Exterior Girder	32	0.95	1	1	9.845674
EV3-neg_serv	BOBJ1	69	155.84	After	Left Exterior Girder	32	0.95	1	1	9.736191
EV3-neg_serv	BOBJ1	69	155.84	After	Interior Girder 1	32	0.95	1	1	9.582851
EV3-neg_serv	BOBJ1	69	155.84	After	Interior Girder 2	32	0.95	1	1	10.222458
EV3-neg_serv	BOBJ1	69	155.84	After	Interior Girder 3	32	0.95	1	1	10.717924
EV3-neg_serv	BOBJ1	69	155.84	After	Interior Girder 4	32	0.95	1	1	10.717924
EV3-neg_serv	BOBJ1	69	155.84	After	Interior Girder 5	32	0.95	1	1	10.222458
EV3-neg_serv	BOBJ1	69	155.84	After	Interior Girder 6	32	0.95	1	1	9.582851
EV3-neg_serv	BOBJ1	69	155.84	After	Right Exterior Girder	32	0.95	1	1	9.736191
EV3-neg_serv	BOBJ1	70	161.8733	Before	Left Exterior Girder	38.0333	0.95	1	1	11.269153
EV3-neg_serv	BOBJ1	70	161.8733	Before	Interior Girder 1	38.0333	0.95	1	1	10.954798
EV3-neg_serv	BOBJ1	70	161.8733	Before	Interior Girder 2	38.0333	0.95	1	1	11.403074
EV3-neg_serv	BOBJ1	70	161.8733	Before	Interior Girder 3	38.0333	0.95	1	1	11.996273
EV3-neg_serv	BOBJ1	70	161.8733	Before	Interior Girder 4	38.0333	0.95	1	1	11.996273
EV3-neg_serv	BOBJ1	70	161.8733	Before	Interior Girder 5	38.0333	0.95	1	1	11.403074
EV3-neg_serv	BOBJ1	70	161.8733	Before	Interior Girder 6	38.0333	0.95	1	1	10.954798
EV3-neg_serv	BOBJ1	70	161.8733	Before	Right Exterior Girder	38.0333	0.95	1	1	11.269153
EV3-neg_serv	BOBJ1	71	161.8733	After	Left Exterior Girder	38.0333	0.95	1	1	11.458118
EV3-neg_serv	BOBJ1	71	161.8733	After	Interior Girder 1	38.0333	0.95	1	1	10.866777
EV3-neg_serv	BOBJ1	71	161.8733	After	Interior Girder 2	38.0333	0.95	1	1	11.498107
EV3-neg_serv	BOBJ1	71	161.8733	After	Interior Girder 3	38.0333	0.95	1	1	12.017915
EV3-neg_serv	BOBJ1	71	161.8733	After	Interior Girder 4	38.0333	0.95	1	1	12.017915
EV3-neg_serv	BOBJ1	71	161.8733	After	Interior Girder 5	38.0333	0.95	1	1	11.498107
EV3-neg_serv	BOBJ1	71	161.8733	After	Interior Girder 6	38.0333	0.95	1	1	10.866777
EV3-neg_serv	BOBJ1	71	161.8733	After	Right Exterior Girder	38.0333	0.95	1	1	11.458118
EV3-neg_serv	BOBJ1	72	167.9067	Before	Left Exterior Girder	44.0667	0.95	1	1	9.13208
EV3-neg_serv	BOBJ1	72	167.9067	Before	Interior Girder 1	44.0667	0.95	1	1	8.774668
EV3-neg_serv	BOBJ1	72	167.9067	Before	Interior Girder 2	44.0667	0.95	1	1	8.808896
EV3-neg_serv	BOBJ1	72	167.9067	Before	Interior Girder 3	44.0667	0.95	1	1	9.278562

TABLE: Bridge Super Rating AASHTORATE18 31 - SteelICompServ-Flx - Approach, Span 12-15										
Request	BridgeObj	BridgeCut	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	Unitless	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
EV3-neg_serv	BOBJ1	72	167.9067	Before	Interior Girder 4	44.0667	0.95	1	1	9.278562
EV3-neg_serv	BOBJ1	72	167.9067	Before	Interior Girder 5	44.0667	0.95	1	1	8.808896
EV3-neg_serv	BOBJ1	72	167.9067	Before	Interior Girder 6	44.0667	0.95	1	1	8.774668
EV3-neg_serv	BOBJ1	72	167.9067	Before	Right Exterior Girder	44.0667	0.95	1	1	9.13208
EV3-neg_serv	BOBJ1	73	167.9067	After	Left Exterior Girder	44.0667	0.95	1	1	9.197344
EV3-neg_serv	BOBJ1	73	167.9067	After	Interior Girder 1	44.0667	0.95	1	1	8.717707
EV3-neg_serv	BOBJ1	73	167.9067	After	Interior Girder 2	44.0667	0.95	1	1	8.859061
EV3-neg_serv	BOBJ1	73	167.9067	After	Interior Girder 3	44.0667	0.95	1	1	9.307749
EV3-neg_serv	BOBJ1	73	167.9067	After	Interior Girder 4	44.0667	0.95	1	1	9.307749
EV3-neg_serv	BOBJ1	73	167.9067	After	Interior Girder 5	44.0667	0.95	1	1	8.859061
EV3-neg_serv	BOBJ1	73	167.9067	After	Interior Girder 6	44.0667	0.95	1	1	8.717707
EV3-neg_serv	BOBJ1	73	167.9067	After	Right Exterior Girder	44.0667	0.95	1	1	9.197344
EV3-neg_serv	BOBJ1	74	173.94	Before	Left Exterior Girder	50.1	0.95	1	1	7.140303
EV3-neg_serv	BOBJ1	74	173.94	Before	Interior Girder 1	50.1	0.95	1	1	7.012627
EV3-neg_serv	BOBJ1	74	173.94	Before	Interior Girder 2	50.1	0.95	1	1	6.805442
EV3-neg_serv	BOBJ1	74	173.94	Before	Interior Girder 3	50.1	0.95	1	1	7.148027
EV3-neg_serv	BOBJ1	74	173.94	Before	Interior Girder 4	50.1	0.95	1	1	7.148027
EV3-neg_serv	BOBJ1	74	173.94	Before	Interior Girder 5	50.1	0.95	1	1	6.805442
EV3-neg_serv	BOBJ1	74	173.94	Before	Interior Girder 6	50.1	0.95	1	1	7.012627
EV3-neg_serv	BOBJ1	74	173.94	Before	Right Exterior Girder	50.1	0.95	1	1	7.140303
EV3-neg_serv	BOBJ1	75	173.94	After	Left Exterior Girder	50.1	0.95	1	1	7.190498
EV3-neg_serv	BOBJ1	75	173.94	After	Interior Girder 1	50.1	0.95	1	1	6.97445
EV3-neg_serv	BOBJ1	75	173.94	After	Interior Girder 2	50.1	0.95	1	1	6.778921
EV3-neg_serv	BOBJ1	75	173.94	After	Interior Girder 3	50.1	0.95	1	1	7.134123
EV3-neg_serv	BOBJ1	75	173.94	After	Interior Girder 4	50.1	0.95	1	1	7.134123
EV3-neg_serv	BOBJ1	75	173.94	After	Interior Girder 5	50.1	0.95	1	1	6.778921
EV3-neg_serv	BOBJ1	75	173.94	After	Interior Girder 6	50.1	0.95	1	1	6.97445
EV3-neg_serv	BOBJ1	75	173.94	After	Right Exterior Girder	50.1	0.95	1	1	7.190498
EV3-neg_serv	BOBJ1	76	179.98	Before	Left Exterior Girder	56.14	0.95	1	1	5.083873
EV3-neg_serv	BOBJ1	76	179.98	Before	Interior Girder 1	56.14	0.95	1	1	4.988431
EV3-neg_serv	BOBJ1	76	179.98	Before	Interior Girder 2	56.14	0.95	1	1	4.534341
EV3-neg_serv	BOBJ1	76	179.98	Before	Interior Girder 3	56.14	0.95	1	1	4.307101
EV3-neg_serv	BOBJ1	76	179.98	Before	Interior Girder 4	56.14	0.95	1	1	4.307101
EV3-neg_serv	BOBJ1	76	179.98	Before	Interior Girder 5	56.14	0.95	1	1	4.534341
EV3-neg_serv	BOBJ1	76	179.98	Before	Interior Girder 6	56.14	0.95	1	1	4.988431
EV3-neg_serv	BOBJ1	76	179.98	Before	Right Exterior Girder	56.14	0.95	1	1	5.083873
EV3-neg_serv	BOBJ1	77	179.98	After	Left Exterior Girder	56.14	0.95	1	1	5.171853
EV3-neg_serv	BOBJ1	77	179.98	After	Interior Girder 1	56.14	0.95	1	1	5.022689
EV3-neg_serv	BOBJ1	77	179.98	After	Interior Girder 2	56.14	0.95	1	1	4.619054
EV3-neg_serv	BOBJ1	77	179.98	After	Interior Girder 3	56.14	0.95	1	1	4.440552
EV3-neg_serv	BOBJ1	77	179.98	After	Interior Girder 4	56.14	0.95	1	1	4.440552
EV3-neg_serv	BOBJ1	77	179.98	After	Interior Girder 5	56.14	0.95	1	1	4.619054
EV3-neg_serv	BOBJ1	77	179.98	After	Interior Girder 6	56.14	0.95	1	1	5.022689
EV3-neg_serv	BOBJ1	77	179.98	After	Right Exterior Girder	56.14	0.95	1	1	5.171853
EV3-neg_serv	BOBJ1	78	183.56	Before	Left Exterior Girder	59.72	0.95	1	1	3.300053
EV3-neg_serv	BOBJ1	78	183.56	Before	Right Exterior Girder	59.72	0.95	1	1	3.300053
EV3-neg_serv	BOBJ1	79	183.56	After	Left Exterior Girder	59.72	0.95	1	1	7.649806
EV3-neg_serv	BOBJ1	79	183.56	After	Right Exterior Girder	59.72	0.95	1	1	7.649806
EV3-neg_serv	BOBJ1	80	186.02	Before	Left Exterior Girder	62.18	0.95	1	1	5.499856
EV3-neg_serv	BOBJ1	80	186.02	Before	Interior Girder 1	62.22	0.95	1	1	2.325771
EV3-neg_serv	BOBJ1	80	186.02	Before	Interior Girder 2	62.22	0.95	1	1	2.17118
EV3-neg_serv	BOBJ1	80	186.02	Before	Interior Girder 3	62.22	0.95	1	1	1.946788
EV3-neg_serv	BOBJ1	80	186.02	Before	Interior Girder 4	62.22	0.95	1	1	1.946788
EV3-neg_serv	BOBJ1	80	186.02	Before	Interior Girder 5	62.22	0.95	1	1	2.17118
EV3-neg_serv	BOBJ1	80	186.02	Before	Interior Girder 6	62.22	0.95	1	1	2.325771
EV3-neg_serv	BOBJ1	80	186.02	Before	Right Exterior Girder	62.18	0.95	1	1	5.499856
EV3-neg_serv	BOBJ1	81	186.02	After	Left Exterior Girder	62.18	0.95	1	1	5.551091
EV3-neg_serv	BOBJ1	81	186.02	After	Interior Girder 1	62.22	0.95	1	1	3.668893
EV3-neg_serv	BOBJ1	81	186.02	After	Interior Girder 2	62.22	0.95	1	1	3.414965
EV3-neg_serv	BOBJ1	81	186.02	After	Interior Girder 3	62.22	0.95	1	1	3.135
EV3-neg_serv	BOBJ1	81	186.02	After	Interior Girder 4	62.22	0.95	1	1	3.135
EV3-neg_serv	BOBJ1	81	186.02	After	Interior Girder 5	62.22	0.95	1	1	3.414965
EV3-neg_serv	BOBJ1	81	186.02	After	Interior Girder 6	62.22	0.95	1	1	3.668893
EV3-neg_serv	BOBJ1	81	186.02	After	Right Exterior Girder	62.18	0.95	1	1	5.551091
EV3-neg_serv	BOBJ1	82	192.06	Before	Left Exterior Girder	68.22	0.95	1	1	2.799079
EV3-neg_serv	BOBJ1	82	192.06	Before	Interior Girder 1	68.22	0.95	1	1	1.842119
EV3-neg_serv	BOBJ1	82	192.06	Before	Interior Girder 2	68.22	0.95	1	1	1.72932
EV3-neg_serv	BOBJ1	82	192.06	Before	Interior Girder 3	68.22	0.95	1	1	1.512596
EV3-neg_serv	BOBJ1	82	192.06	Before	Interior Girder 4	68.22	0.95	1	1	1.512596
EV3-neg_serv	BOBJ1	82	192.06	Before	Interior Girder 5	68.22	0.95	1	1	1.72932
EV3-neg_serv	BOBJ1	82	192.06	Before	Interior Girder 6	68.22	0.95	1	1	1.842119
EV3-neg_serv	BOBJ1	82	192.06	Before	Right Exterior Girder	68.22	0.95	1	1	2.799079
EV3-neg_serv	BOBJ1	83	192.06	After	Left Exterior Girder	0	0.95	1	1	2.818428

TABLE: Bridge Super Rating AASHTORATE18 31 - SteelICompServ-Flx - Approach, Span 12-15										
Request	BridgeObj	BridgeCut	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	Unitless	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
EV3-neg_serv	BOBJ1	83	192.06	After	Interior Girder 1	0	0.95	1	1	1.846014
EV3-neg_serv	BOBJ1	83	192.06	After	Interior Girder 2	0	0.95	1	1	1.743479
EV3-neg_serv	BOBJ1	83	192.06	After	Interior Girder 3	0	0.95	1	1	1.518075
EV3-neg_serv	BOBJ1	83	192.06	After	Interior Girder 4	0	0.95	1	1	1.518075
EV3-neg_serv	BOBJ1	83	192.06	After	Interior Girder 5	0	0.95	1	1	1.743479
EV3-neg_serv	BOBJ1	83	192.06	After	Interior Girder 6	0	0.95	1	1	1.846014
EV3-neg_serv	BOBJ1	83	192.06	After	Right Exterior Girder	0	0.95	1	1	2.818428
EV3-neg_serv	BOBJ1	84	197.087	Before	Interior Girder 1	5.027	0.95	1	1	3.322654
EV3-neg_serv	BOBJ1	84	197.087	Before	Interior Girder 2	5.027	0.95	1	1	3.071007
EV3-neg_serv	BOBJ1	84	197.087	Before	Interior Girder 3	5.027	0.95	1	1	2.891607
EV3-neg_serv	BOBJ1	84	197.087	Before	Interior Girder 4	5.027	0.95	1	1	2.891607
EV3-neg_serv	BOBJ1	84	197.087	Before	Interior Girder 5	5.027	0.95	1	1	3.071007
EV3-neg_serv	BOBJ1	84	197.087	Before	Interior Girder 6	5.027	0.95	1	1	3.322654
EV3-neg_serv	BOBJ1	85	197.087	After	Interior Girder 1	5.027	0.95	1	1	2.079103
EV3-neg_serv	BOBJ1	85	197.087	After	Interior Girder 2	5.027	0.95	1	1	1.938566
EV3-neg_serv	BOBJ1	85	197.087	After	Interior Girder 3	5.027	0.95	1	1	1.805556
EV3-neg_serv	BOBJ1	85	197.087	After	Interior Girder 4	5.027	0.95	1	1	1.805556
EV3-neg_serv	BOBJ1	85	197.087	After	Interior Girder 5	5.027	0.95	1	1	1.938566
EV3-neg_serv	BOBJ1	85	197.087	After	Interior Girder 6	5.027	0.95	1	1	2.079103
EV3-neg_serv	BOBJ1	86	197.91	Before	Left Exterior Girder	5.85	0.95	1	1	5.199678
EV3-neg_serv	BOBJ1	86	197.91	Before	Interior Girder 1	5.85	0.95	1	1	2.356013
EV3-neg_serv	BOBJ1	86	197.91	Before	Interior Girder 2	5.85	0.95	1	1	2.157025
EV3-neg_serv	BOBJ1	86	197.91	Before	Interior Girder 3	5.85	0.95	1	1	2.050533
EV3-neg_serv	BOBJ1	86	197.91	Before	Interior Girder 4	5.85	0.95	1	1	2.050533
EV3-neg_serv	BOBJ1	86	197.91	Before	Interior Girder 5	5.85	0.95	1	1	2.157025
EV3-neg_serv	BOBJ1	86	197.91	Before	Interior Girder 6	5.85	0.95	1	1	2.356013
EV3-neg_serv	BOBJ1	86	197.91	Before	Right Exterior Girder	5.85	0.95	1	1	5.199678
EV3-neg_serv	BOBJ1	87	197.91	After	Left Exterior Girder	5.85	0.95	1	1	5.207858
EV3-neg_serv	BOBJ1	87	197.91	After	Interior Girder 1	5.85	0.95	1	1	2.345718
EV3-neg_serv	BOBJ1	87	197.91	After	Interior Girder 2	5.85	0.95	1	1	2.143362
EV3-neg_serv	BOBJ1	87	197.91	After	Interior Girder 3	5.85	0.95	1	1	2.011515
EV3-neg_serv	BOBJ1	87	197.91	After	Interior Girder 4	5.85	0.95	1	1	2.011515
EV3-neg_serv	BOBJ1	87	197.91	After	Interior Girder 5	5.85	0.95	1	1	2.143362
EV3-neg_serv	BOBJ1	87	197.91	After	Interior Girder 6	5.85	0.95	1	1	2.345718
EV3-neg_serv	BOBJ1	87	197.91	After	Right Exterior Girder	5.85	0.95	1	1	5.207858
EV3-neg_serv	BOBJ1	88	199.1816	Before	Left Exterior Girder	7.1216	0.95	1	1	5.855568
EV3-neg_serv	BOBJ1	88	199.1816	Before	Right Exterior Girder	7.1216	0.95	1	1	5.855568
EV3-neg_serv	BOBJ1	89	199.1816	After	Left Exterior Girder	7.1216	0.95	1	1	2.497762
EV3-neg_serv	BOBJ1	89	199.1816	After	Right Exterior Girder	7.1216	0.95	1	1	2.497762
EV3-neg_serv	BOBJ1	90	203.5267	Before	Left Exterior Girder	11.3107	0.95	1	1	3.430189
EV3-neg_serv	BOBJ1	90	203.5267	Before	Interior Girder 1	11.3107	0.95	1	1	3.602166
EV3-neg_serv	BOBJ1	90	203.5267	Before	Interior Girder 2	11.3107	0.95	1	1	3.383994
EV3-neg_serv	BOBJ1	90	203.5267	Before	Interior Girder 3	11.3107	0.95	1	1	3.481059
EV3-neg_serv	BOBJ1	90	203.5267	Before	Interior Girder 4	11.3107	0.95	1	1	3.481059
EV3-neg_serv	BOBJ1	90	203.5267	Before	Interior Girder 5	11.3107	0.95	1	1	3.383994
EV3-neg_serv	BOBJ1	90	203.5267	Before	Interior Girder 6	11.3107	0.95	1	1	3.602166
EV3-neg_serv	BOBJ1	90	203.5267	Before	Right Exterior Girder	11.3107	0.95	1	1	3.430189
EV3-neg_serv	BOBJ1	91	203.5267	After	Left Exterior Girder	11.3107	0.95	1	1	5.466589
EV3-neg_serv	BOBJ1	91	203.5267	After	Interior Girder 1	11.3107	0.95	1	1	5.679906
EV3-neg_serv	BOBJ1	91	203.5267	After	Interior Girder 2	11.3107	0.95	1	1	5.387711
EV3-neg_serv	BOBJ1	91	203.5267	After	Interior Girder 3	11.3107	0.95	1	1	5.519065
EV3-neg_serv	BOBJ1	91	203.5267	After	Interior Girder 4	11.3107	0.95	1	1	5.519065
EV3-neg_serv	BOBJ1	91	203.5267	After	Interior Girder 5	11.3107	0.95	1	1	5.387711
EV3-neg_serv	BOBJ1	91	203.5267	After	Interior Girder 6	11.3107	0.95	1	1	5.679906
EV3-neg_serv	BOBJ1	91	203.5267	After	Right Exterior Girder	11.3107	0.95	1	1	5.466589
EV3-neg_serv	BOBJ1	92	209.1433	Before	Left Exterior Girder	17.0833	0.95	1	1	6.952159
EV3-neg_serv	BOBJ1	92	209.1433	Before	Interior Girder 1	17.0833	0.95	1	1	6.921265
EV3-neg_serv	BOBJ1	92	209.1433	Before	Interior Girder 2	17.0833	0.95	1	1	6.800398
EV3-neg_serv	BOBJ1	92	209.1433	Before	Interior Girder 3	17.0833	0.95	1	1	7.070434
EV3-neg_serv	BOBJ1	92	209.1433	Before	Interior Girder 4	17.0833	0.95	1	1	7.070434
EV3-neg_serv	BOBJ1	92	209.1433	Before	Interior Girder 5	17.0833	0.95	1	1	6.800398
EV3-neg_serv	BOBJ1	92	209.1433	Before	Interior Girder 6	17.0833	0.95	1	1	6.921265
EV3-neg_serv	BOBJ1	92	209.1433	Before	Right Exterior Girder	17.0833	0.95	1	1	6.952159
EV3-neg_serv	BOBJ1	93	209.1433	After	Left Exterior Girder	17.0833	0.95	1	1	6.884327
EV3-neg_serv	BOBJ1	93	209.1433	After	Interior Girder 1	17.0833	0.95	1	1	6.983482
EV3-neg_serv	BOBJ1	93	209.1433	After	Interior Girder 2	17.0833	0.95	1	1	6.835019
EV3-neg_serv	BOBJ1	93	209.1433	After	Interior Girder 3	17.0833	0.95	1	1	7.08233
EV3-neg_serv	BOBJ1	93	209.1433	After	Interior Girder 4	17.0833	0.95	1	1	7.08233
EV3-neg_serv	BOBJ1	93	209.1433	After	Interior Girder 5	17.0833	0.95	1	1	6.835019
EV3-neg_serv	BOBJ1	93	209.1433	After	Interior Girder 6	17.0833	0.95	1	1	6.983482
EV3-neg_serv	BOBJ1	93	209.1433	After	Right Exterior Girder	17.0833	0.95	1	1	6.884327
EV3-neg_serv	BOBJ1	94	214.76	Before	Left Exterior Girder	22.7	0.95	1	1	8.640799
EV3-neg_serv	BOBJ1	94	214.76	Before	Interior Girder 1	22.7	0.95	1	1	8.438505

TABLE: Bridge Super Rating AASHTORATE18 31 - SteelICompServ-Flx - Approach, Span 12-15										
Request	BridgeObj	BridgeCut	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	Unitless	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
EV3-neg_serv	BOBJ1	94	214.76	Before	Interior Girder 2	22.7	0.95	1	1	8.683366
EV3-neg_serv	BOBJ1	94	214.76	Before	Interior Girder 3	22.7	0.95	1	1	9.093534
EV3-neg_serv	BOBJ1	94	214.76	Before	Interior Girder 4	22.7	0.95	1	1	9.093534
EV3-neg_serv	BOBJ1	94	214.76	Before	Interior Girder 5	22.7	0.95	1	1	8.683366
EV3-neg_serv	BOBJ1	94	214.76	Before	Interior Girder 6	22.7	0.95	1	1	8.438505
EV3-neg_serv	BOBJ1	94	214.76	Before	Right Exterior Girder	22.7	0.95	1	1	8.640799
EV3-neg_serv	BOBJ1	95	214.76	After	Left Exterior Girder	22.7	0.95	1	1	8.546685
EV3-neg_serv	BOBJ1	95	214.76	After	Interior Girder 1	22.7	0.95	1	1	8.51784
EV3-neg_serv	BOBJ1	95	214.76	After	Interior Girder 2	22.7	0.95	1	1	8.65335
EV3-neg_serv	BOBJ1	95	214.76	After	Interior Girder 3	22.7	0.95	1	1	9.056062
EV3-neg_serv	BOBJ1	95	214.76	After	Interior Girder 4	22.7	0.95	1	1	9.056062
EV3-neg_serv	BOBJ1	95	214.76	After	Interior Girder 5	22.7	0.95	1	1	8.65335
EV3-neg_serv	BOBJ1	95	214.76	After	Interior Girder 6	22.7	0.95	1	1	8.51784
EV3-neg_serv	BOBJ1	95	214.76	After	Right Exterior Girder	22.7	0.95	1	1	8.546685
EV3-neg_serv	BOBJ1	96	220.3767	Before	Left Exterior Girder	28.3167	0.95	1	1	10.758713
EV3-neg_serv	BOBJ1	96	220.3767	Before	Interior Girder 1	28.3167	0.95	1	1	10.38336
EV3-neg_serv	BOBJ1	96	220.3767	Before	Interior Girder 2	28.3167	0.95	1	1	10.973225
EV3-neg_serv	BOBJ1	96	220.3767	Before	Interior Girder 3	28.3167	0.95	1	1	11.443643
EV3-neg_serv	BOBJ1	96	220.3767	Before	Interior Girder 4	28.3167	0.95	1	1	11.443643
EV3-neg_serv	BOBJ1	96	220.3767	Before	Interior Girder 5	28.3167	0.95	1	1	10.973225
EV3-neg_serv	BOBJ1	96	220.3767	Before	Interior Girder 6	28.3167	0.95	1	1	10.38336
EV3-neg_serv	BOBJ1	96	220.3767	Before	Right Exterior Girder	28.3167	0.95	1	1	10.758713
EV3-neg_serv	BOBJ1	97	220.3767	After	Left Exterior Girder	28.3167	0.95	1	1	10.625118
EV3-neg_serv	BOBJ1	97	220.3767	After	Interior Girder 1	28.3167	0.95	1	1	10.489528
EV3-neg_serv	BOBJ1	97	220.3767	After	Interior Girder 2	28.3167	0.95	1	1	10.853522
EV3-neg_serv	BOBJ1	97	220.3767	After	Interior Girder 3	28.3167	0.95	1	1	11.33008
EV3-neg_serv	BOBJ1	97	220.3767	After	Interior Girder 4	28.3167	0.95	1	1	11.33008
EV3-neg_serv	BOBJ1	97	220.3767	After	Interior Girder 5	28.3167	0.95	1	1	10.853522
EV3-neg_serv	BOBJ1	97	220.3767	After	Interior Girder 6	28.3167	0.95	1	1	10.489528
EV3-neg_serv	BOBJ1	97	220.3767	After	Right Exterior Girder	28.3167	0.95	1	1	10.625118
EV3-neg_serv	BOBJ1	98	225.9933	Before	Left Exterior Girder	33.9333	0.95	1	1	13.576225
EV3-neg_serv	BOBJ1	98	225.9933	Before	Interior Girder 1	33.9333	0.95	1	1	13.059634
EV3-neg_serv	BOBJ1	98	225.9933	Before	Interior Girder 2	33.9333	0.95	1	1	14.150436
EV3-neg_serv	BOBJ1	98	225.9933	Before	Interior Girder 3	33.9333	0.95	1	1	14.673697
EV3-neg_serv	BOBJ1	98	225.9933	Before	Interior Girder 4	33.9333	0.95	1	1	14.673697
EV3-neg_serv	BOBJ1	98	225.9933	Before	Interior Girder 5	33.9333	0.95	1	1	14.150436
EV3-neg_serv	BOBJ1	98	225.9933	Before	Interior Girder 6	33.9333	0.95	1	1	13.059634
EV3-neg_serv	BOBJ1	98	225.9933	Before	Right Exterior Girder	33.9333	0.95	1	1	13.576225
EV3-neg_serv	BOBJ1	99	225.9933	After	Left Exterior Girder	33.9333	0.95	1	1	13.356586
EV3-neg_serv	BOBJ1	99	225.9933	After	Interior Girder 1	33.9333	0.95	1	1	13.217286
EV3-neg_serv	BOBJ1	99	225.9933	After	Interior Girder 2	33.9333	0.95	1	1	13.964517
EV3-neg_serv	BOBJ1	99	225.9933	After	Interior Girder 3	33.9333	0.95	1	1	14.509049
EV3-neg_serv	BOBJ1	99	225.9933	After	Interior Girder 4	33.9333	0.95	1	1	14.509049
EV3-neg_serv	BOBJ1	99	225.9933	After	Interior Girder 5	33.9333	0.95	1	1	13.964517
EV3-neg_serv	BOBJ1	99	225.9933	After	Interior Girder 6	33.9333	0.95	1	1	13.217286
EV3-neg_serv	BOBJ1	99	225.9933	After	Right Exterior Girder	33.9333	0.95	1	1	13.356586
EV3-neg_serv	BOBJ1	100	231.61	Before	Left Exterior Girder	39.55	0.95	1	1	17.729002
EV3-neg_serv	BOBJ1	100	231.61	Before	Interior Girder 1	39.55	0.95	1	1	17.172248
EV3-neg_serv	BOBJ1	100	231.61	Before	Interior Girder 2	39.55	0.95	1	1	19.15831
EV3-neg_serv	BOBJ1	100	231.61	Before	Interior Girder 3	39.55	0.95	1	1	19.840196
EV3-neg_serv	BOBJ1	100	231.61	Before	Interior Girder 4	39.55	0.95	1	1	19.840196
EV3-neg_serv	BOBJ1	100	231.61	Before	Interior Girder 5	39.55	0.95	1	1	19.15831
EV3-neg_serv	BOBJ1	100	231.61	Before	Interior Girder 6	39.55	0.95	1	1	17.172248
EV3-neg_serv	BOBJ1	100	231.61	Before	Right Exterior Girder	39.55	0.95	1	1	17.729002
EV3-neg_serv	BOBJ1	101	231.61	After	Left Exterior Girder	39.55	0.95	1	1	17.366134
EV3-neg_serv	BOBJ1	101	231.61	After	Interior Girder 1	39.55	0.95	1	1	17.43329
EV3-neg_serv	BOBJ1	101	231.61	After	Interior Girder 2	39.55	0.95	1	1	18.880336
EV3-neg_serv	BOBJ1	101	231.61	After	Interior Girder 3	39.55	0.95	1	1	19.460352
EV3-neg_serv	BOBJ1	101	231.61	After	Interior Girder 4	39.55	0.95	1	1	19.460352
EV3-neg_serv	BOBJ1	101	231.61	After	Interior Girder 5	39.55	0.95	1	1	18.880336
EV3-neg_serv	BOBJ1	101	231.61	After	Interior Girder 6	39.55	0.95	1	1	17.43329
EV3-neg_serv	BOBJ1	101	231.61	After	Right Exterior Girder	39.55	0.95	1	1	17.366134
EV3-neg_serv	BOBJ1	102	237.37	Before	Left Exterior Girder	45.31	0.95	1	1	25.733844
EV3-neg_serv	BOBJ1	102	237.37	Before	Interior Girder 1	45.31	0.95	1	1	25.012763
EV3-neg_serv	BOBJ1	102	237.37	Before	Interior Girder 2	45.31	0.95	1	1	28.268957
EV3-neg_serv	BOBJ1	102	237.37	Before	Interior Girder 3	45.31	0.95	1	1	29.083203
EV3-neg_serv	BOBJ1	102	237.37	Before	Interior Girder 4	45.31	0.95	1	1	29.083203
EV3-neg_serv	BOBJ1	102	237.37	Before	Interior Girder 5	45.31	0.95	1	1	28.268957
EV3-neg_serv	BOBJ1	102	237.37	Before	Interior Girder 6	45.31	0.95	1	1	25.012763
EV3-neg_serv	BOBJ1	102	237.37	Before	Right Exterior Girder	45.31	0.95	1	1	25.733844
EV3-neg_serv	BOBJ1	103	237.37	After	Left Exterior Girder	45.31	0.95	1	1	25.022192
EV3-neg_serv	BOBJ1	103	237.37	After	Interior Girder 1	45.31	0.95	1	1	25.579468
EV3-neg_serv	BOBJ1	103	237.37	After	Interior Girder 2	45.31	0.95	1	1	27.580811

TABLE: Bridge Super Rating AASHTORATE18 31 - SteelICompServ-Flx - Approach, Span 12-15										
Request	BridgeObj	BridgeCut	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	Unitless	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
EV3-neg_serv	BOBJ1	103	237.37	After	Interior Girder 3	45.31	0.95	1	1	28.203974
EV3-neg_serv	BOBJ1	103	237.37	After	Interior Girder 4	45.31	0.95	1	1	28.203974
EV3-neg_serv	BOBJ1	103	237.37	After	Interior Girder 5	45.31	0.95	1	1	27.580811
EV3-neg_serv	BOBJ1	103	237.37	After	Interior Girder 6	45.31	0.95	1	1	25.579468
EV3-neg_serv	BOBJ1	103	237.37	After	Right Exterior Girder	45.31	0.95	1	1	25.022192
EV3-neg_serv	BOBJ1	104	243.13	Before	Left Exterior Girder	51.07	0.95	1	1	48.368797
EV3-neg_serv	BOBJ1	104	243.13	Before	Interior Girder 1	51.07	0.95	1	1	47.538938
EV3-neg_serv	BOBJ1	104	243.13	Before	Interior Girder 2	51.07	0.95	1	1	54.313011
EV3-neg_serv	BOBJ1	104	243.13	Before	Interior Girder 3	51.07	0.95	1	1	55.192925
EV3-neg_serv	BOBJ1	104	243.13	Before	Interior Girder 4	51.07	0.95	1	1	55.192925
EV3-neg_serv	BOBJ1	104	243.13	Before	Interior Girder 5	51.07	0.95	1	1	54.313011
EV3-neg_serv	BOBJ1	104	243.13	Before	Interior Girder 6	51.07	0.95	1	1	47.538938
EV3-neg_serv	BOBJ1	104	243.13	Before	Right Exterior Girder	51.07	0.95	1	1	48.368797
EV3-neg_serv	BOBJ1	105	243.13	After	Left Exterior Girder	51.07	0.95	1	1	46.477654
EV3-neg_serv	BOBJ1	105	243.13	After	Interior Girder 1	51.07	0.95	1	1	49.313292
EV3-neg_serv	BOBJ1	105	243.13	After	Interior Girder 2	51.07	0.95	1	1	52.21163
EV3-neg_serv	BOBJ1	105	243.13	After	Interior Girder 3	51.07	0.95	1	1	53.02156
EV3-neg_serv	BOBJ1	105	243.13	After	Interior Girder 4	51.07	0.95	1	1	53.02156
EV3-neg_serv	BOBJ1	105	243.13	After	Interior Girder 5	51.07	0.95	1	1	52.21163
EV3-neg_serv	BOBJ1	105	243.13	After	Interior Girder 6	51.07	0.95	1	1	49.313292
EV3-neg_serv	BOBJ1	105	243.13	After	Right Exterior Girder	51.07	0.95	1	1	46.477654
EV3-neg_serv	BOBJ1	106	248.89	Before	Left Exterior Girder	56.83	0.95	1	1	805.126252
EV3-neg_serv	BOBJ1	106	248.89	Before	Interior Girder 1	56.83	0.95	1	1	336.432628
EV3-neg_serv	BOBJ1	106	248.89	Before	Interior Girder 2	56.83	0.95	1	1	218.40649
EV3-neg_serv	BOBJ1	106	248.89	Before	Interior Girder 3	56.83	0.95	1	1	169.879532
EV3-neg_serv	BOBJ1	106	248.89	Before	Interior Girder 4	56.83	0.95	1	1	169.879532
EV3-neg_serv	BOBJ1	106	248.89	Before	Interior Girder 5	56.83	0.95	1	1	218.40649
EV3-neg_serv	BOBJ1	106	248.89	Before	Interior Girder 6	56.83	0.95	1	1	336.432628
EV3-neg_serv	BOBJ1	106	248.89	Before	Right Exterior Girder	56.83	0.95	1	1	805.126252
Gravel Truck_serv	BOBJ1	1	0	After	Left Exterior Girder	0	0.95	1	1	304.647039
Gravel Truck_serv	BOBJ1	1	0	After	Interior Girder 1	0	0.95	1	1	213.683067
Gravel Truck_serv	BOBJ1	1	0	After	Interior Girder 2	0	0.95	1	1	153.061953
Gravel Truck_serv	BOBJ1	1	0	After	Interior Girder 3	0	0.95	1	1	124.19126
Gravel Truck_serv	BOBJ1	1	0	After	Interior Girder 4	0	0.95	1	1	124.19126
Gravel Truck_serv	BOBJ1	1	0	After	Interior Girder 5	0	0.95	1	1	153.061952
Gravel Truck_serv	BOBJ1	1	0	After	Interior Girder 6	0	0.95	1	1	213.683067
Gravel Truck_serv	BOBJ1	1	0	After	Right Exterior Girder	0	0.95	1	1	304.647039
Gravel Truck_serv	BOBJ1	2	5.85	Before	Left Exterior Girder	5.85	0.95	1	1	8.382175
Gravel Truck_serv	BOBJ1	2	5.85	Before	Interior Girder 1	5.85	0.95	1	1	6.089798
Gravel Truck_serv	BOBJ1	2	5.85	Before	Interior Girder 2	5.85	0.95	1	1	5.622276
Gravel Truck_serv	BOBJ1	2	5.85	Before	Interior Girder 3	5.85	0.95	1	1	5.003718
Gravel Truck_serv	BOBJ1	2	5.85	Before	Interior Girder 4	5.85	0.95	1	1	5.003718
Gravel Truck_serv	BOBJ1	2	5.85	Before	Interior Girder 5	5.85	0.95	1	1	5.622276
Gravel Truck_serv	BOBJ1	2	5.85	Before	Interior Girder 6	5.85	0.95	1	1	6.089798
Gravel Truck_serv	BOBJ1	2	5.85	Before	Right Exterior Girder	5.85	0.95	1	1	8.382175
Gravel Truck_serv	BOBJ1	3	5.85	After	Left Exterior Girder	5.85	0.95	1	1	8.395677
Gravel Truck_serv	BOBJ1	3	5.85	After	Interior Girder 1	5.85	0.95	1	1	6.11516
Gravel Truck_serv	BOBJ1	3	5.85	After	Interior Girder 2	5.85	0.95	1	1	5.713564
Gravel Truck_serv	BOBJ1	3	5.85	After	Interior Girder 3	5.85	0.95	1	1	5.247631
Gravel Truck_serv	BOBJ1	3	5.85	After	Interior Girder 4	5.85	0.95	1	1	5.247631
Gravel Truck_serv	BOBJ1	3	5.85	After	Interior Girder 5	5.85	0.95	1	1	5.713564
Gravel Truck_serv	BOBJ1	3	5.85	After	Interior Girder 6	5.85	0.95	1	1	6.11516
Gravel Truck_serv	BOBJ1	3	5.85	After	Right Exterior Girder	5.85	0.95	1	1	8.395677
Gravel Truck_serv	BOBJ1	4	11.4667	Before	Left Exterior Girder	11.4667	0.95	1	1	4.751591
Gravel Truck_serv	BOBJ1	4	11.4667	Before	Interior Girder 1	11.4667	0.95	1	1	3.513397
Gravel Truck_serv	BOBJ1	4	11.4667	Before	Interior Girder 2	11.4667	0.95	1	1	3.280977
Gravel Truck_serv	BOBJ1	4	11.4667	Before	Interior Girder 3	11.4667	0.95	1	1	3.066565
Gravel Truck_serv	BOBJ1	4	11.4667	Before	Interior Girder 4	11.4667	0.95	1	1	3.066565
Gravel Truck_serv	BOBJ1	4	11.4667	Before	Interior Girder 5	11.4667	0.95	1	1	3.280977
Gravel Truck_serv	BOBJ1	4	11.4667	Before	Interior Girder 6	11.4667	0.95	1	1	3.513397
Gravel Truck_serv	BOBJ1	4	11.4667	Before	Right Exterior Girder	11.4667	0.95	1	1	4.751591
Gravel Truck_serv	BOBJ1	5	11.4667	After	Left Exterior Girder	11.4667	0.95	1	1	4.79441
Gravel Truck_serv	BOBJ1	5	11.4667	After	Interior Girder 1	11.4667	0.95	1	1	3.490512
Gravel Truck_serv	BOBJ1	5	11.4667	After	Interior Girder 2	11.4667	0.95	1	1	3.309403
Gravel Truck_serv	BOBJ1	5	11.4667	After	Interior Girder 3	11.4667	0.95	1	1	3.135115
Gravel Truck_serv	BOBJ1	5	11.4667	After	Interior Girder 4	11.4667	0.95	1	1	3.135115
Gravel Truck_serv	BOBJ1	5	11.4667	After	Interior Girder 5	11.4667	0.95	1	1	3.309403
Gravel Truck_serv	BOBJ1	5	11.4667	After	Interior Girder 6	11.4667	0.95	1	1	3.490512
Gravel Truck_serv	BOBJ1	5	11.4667	After	Right Exterior Girder	11.4667	0.95	1	1	4.79441
Gravel Truck_serv	BOBJ1	6	17.0833	Before	Left Exterior Girder	17.0833	0.95	1	1	3.57326
Gravel Truck_serv	BOBJ1	6	17.0833	Before	Interior Girder 1	17.0833	0.95	1	1	2.76601
Gravel Truck_serv	BOBJ1	6	17.0833	Before	Interior Girder 2	17.0833	0.95	1	1	2.618185
Gravel Truck_serv	BOBJ1	6	17.0833	Before	Interior Girder 3	17.0833	0.95	1	1	2.524381

TABLE: Bridge Super Rating AASHTORATE18 31 - SteelICompServ-Flx - Approach, Span 12-15										
Request	BridgeObj	BridgeCut	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	Unitless	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Gravel Truck_serv	BOBJ1	6	17.0833	Before	Interior Girder 4	17.0833	0.95	1	1	2.524381
Gravel Truck_serv	BOBJ1	6	17.0833	Before	Interior Girder 5	17.0833	0.95	1	1	2.618185
Gravel Truck_serv	BOBJ1	6	17.0833	Before	Interior Girder 6	17.0833	0.95	1	1	2.76601
Gravel Truck_serv	BOBJ1	6	17.0833	Before	Right Exterior Girder	17.0833	0.95	1	1	3.57326
Gravel Truck_serv	BOBJ1	7	17.0833	After	Left Exterior Girder	17.0833	0.95	1	1	3.566366
Gravel Truck_serv	BOBJ1	7	17.0833	After	Interior Girder 1	17.0833	0.95	1	1	2.771519
Gravel Truck_serv	BOBJ1	7	17.0833	After	Interior Girder 2	17.0833	0.95	1	1	2.64628
Gravel Truck_serv	BOBJ1	7	17.0833	After	Interior Girder 3	17.0833	0.95	1	1	2.557153
Gravel Truck_serv	BOBJ1	7	17.0833	After	Interior Girder 4	17.0833	0.95	1	1	2.557153
Gravel Truck_serv	BOBJ1	7	17.0833	After	Interior Girder 5	17.0833	0.95	1	1	2.64628
Gravel Truck_serv	BOBJ1	7	17.0833	After	Interior Girder 6	17.0833	0.95	1	1	2.771519
Gravel Truck_serv	BOBJ1	7	17.0833	After	Right Exterior Girder	17.0833	0.95	1	1	3.566366
Gravel Truck_serv	BOBJ1	8	22.7	Before	Left Exterior Girder	22.7	0.95	1	1	3.13175
Gravel Truck_serv	BOBJ1	8	22.7	Before	Interior Girder 1	22.7	0.95	1	1	2.68049
Gravel Truck_serv	BOBJ1	8	22.7	Before	Interior Girder 2	22.7	0.95	1	1	2.544329
Gravel Truck_serv	BOBJ1	8	22.7	Before	Interior Girder 3	22.7	0.95	1	1	2.498532
Gravel Truck_serv	BOBJ1	8	22.7	Before	Interior Girder 4	22.7	0.95	1	1	2.498532
Gravel Truck_serv	BOBJ1	8	22.7	Before	Interior Girder 5	22.7	0.95	1	1	2.544329
Gravel Truck_serv	BOBJ1	8	22.7	Before	Interior Girder 6	22.7	0.95	1	1	2.68049
Gravel Truck_serv	BOBJ1	8	22.7	Before	Right Exterior Girder	22.7	0.95	1	1	3.13175
Gravel Truck_serv	BOBJ1	9	22.7	After	Left Exterior Girder	22.7	0.95	1	1	3.145365
Gravel Truck_serv	BOBJ1	9	22.7	After	Interior Girder 1	22.7	0.95	1	1	2.673246
Gravel Truck_serv	BOBJ1	9	22.7	After	Interior Girder 2	22.7	0.95	1	1	2.546038
Gravel Truck_serv	BOBJ1	9	22.7	After	Interior Girder 3	22.7	0.95	1	1	2.501533
Gravel Truck_serv	BOBJ1	9	22.7	After	Interior Girder 4	22.7	0.95	1	1	2.501533
Gravel Truck_serv	BOBJ1	9	22.7	After	Interior Girder 5	22.7	0.95	1	1	2.546038
Gravel Truck_serv	BOBJ1	9	22.7	After	Interior Girder 6	22.7	0.95	1	1	2.673246
Gravel Truck_serv	BOBJ1	9	22.7	After	Right Exterior Girder	22.7	0.95	1	1	3.145365
Gravel Truck_serv	BOBJ1	10	28.3167	Before	Left Exterior Girder	28.3167	0.95	1	1	3.424273
Gravel Truck_serv	BOBJ1	10	28.3167	Before	Interior Girder 1	28.3167	0.95	1	1	2.716207
Gravel Truck_serv	BOBJ1	10	28.3167	Before	Interior Girder 2	28.3167	0.95	1	1	2.591119
Gravel Truck_serv	BOBJ1	10	28.3167	Before	Interior Girder 3	28.3167	0.95	1	1	2.532258
Gravel Truck_serv	BOBJ1	10	28.3167	Before	Interior Girder 4	28.3167	0.95	1	1	2.532258
Gravel Truck_serv	BOBJ1	10	28.3167	Before	Interior Girder 5	28.3167	0.95	1	1	2.591119
Gravel Truck_serv	BOBJ1	10	28.3167	Before	Interior Girder 6	28.3167	0.95	1	1	2.716207
Gravel Truck_serv	BOBJ1	10	28.3167	Before	Right Exterior Girder	28.3167	0.95	1	1	3.424273
Gravel Truck_serv	BOBJ1	11	28.3167	After	Left Exterior Girder	28.3167	0.95	1	1	3.442182
Gravel Truck_serv	BOBJ1	11	28.3167	After	Interior Girder 1	28.3167	0.95	1	1	2.702902
Gravel Truck_serv	BOBJ1	11	28.3167	After	Interior Girder 2	28.3167	0.95	1	1	2.57458
Gravel Truck_serv	BOBJ1	11	28.3167	After	Interior Girder 3	28.3167	0.95	1	1	2.510883
Gravel Truck_serv	BOBJ1	11	28.3167	After	Interior Girder 4	28.3167	0.95	1	1	2.510883
Gravel Truck_serv	BOBJ1	11	28.3167	After	Interior Girder 5	28.3167	0.95	1	1	2.57458
Gravel Truck_serv	BOBJ1	11	28.3167	After	Interior Girder 6	28.3167	0.95	1	1	2.702902
Gravel Truck_serv	BOBJ1	11	28.3167	After	Right Exterior Girder	28.3167	0.95	1	1	3.442182
Gravel Truck_serv	BOBJ1	12	33.9333	Before	Left Exterior Girder	33.9333	0.95	1	1	4.120078
Gravel Truck_serv	BOBJ1	12	33.9333	Before	Interior Girder 1	33.9333	0.95	1	1	3.119009
Gravel Truck_serv	BOBJ1	12	33.9333	Before	Interior Girder 2	33.9333	0.95	1	1	2.960827
Gravel Truck_serv	BOBJ1	12	33.9333	Before	Interior Girder 3	33.9333	0.95	1	1	2.909923
Gravel Truck_serv	BOBJ1	12	33.9333	Before	Interior Girder 4	33.9333	0.95	1	1	2.909923
Gravel Truck_serv	BOBJ1	12	33.9333	Before	Interior Girder 5	33.9333	0.95	1	1	2.960827
Gravel Truck_serv	BOBJ1	12	33.9333	Before	Interior Girder 6	33.9333	0.95	1	1	3.119009
Gravel Truck_serv	BOBJ1	12	33.9333	Before	Right Exterior Girder	33.9333	0.95	1	1	4.120078
Gravel Truck_serv	BOBJ1	13	33.9333	After	Left Exterior Girder	33.9333	0.95	1	1	4.076661
Gravel Truck_serv	BOBJ1	13	33.9333	After	Interior Girder 1	33.9333	0.95	1	1	3.141021
Gravel Truck_serv	BOBJ1	13	33.9333	After	Interior Girder 2	33.9333	0.95	1	1	2.960989
Gravel Truck_serv	BOBJ1	13	33.9333	After	Interior Girder 3	33.9333	0.95	1	1	2.889281
Gravel Truck_serv	BOBJ1	13	33.9333	After	Interior Girder 4	33.9333	0.95	1	1	2.889281
Gravel Truck_serv	BOBJ1	13	33.9333	After	Interior Girder 5	33.9333	0.95	1	1	2.960989
Gravel Truck_serv	BOBJ1	13	33.9333	After	Interior Girder 6	33.9333	0.95	1	1	3.141021
Gravel Truck_serv	BOBJ1	13	33.9333	After	Right Exterior Girder	33.9333	0.95	1	1	4.076661
Gravel Truck_serv	BOBJ1	14	39.55	Before	Left Exterior Girder	39.55	0.95	1	1	5.575143
Gravel Truck_serv	BOBJ1	14	39.55	Before	Interior Girder 1	39.55	0.95	1	1	4.370656
Gravel Truck_serv	BOBJ1	14	39.55	Before	Interior Girder 2	39.55	0.95	1	1	4.053175
Gravel Truck_serv	BOBJ1	14	39.55	Before	Interior Girder 3	39.55	0.95	1	1	3.988776
Gravel Truck_serv	BOBJ1	14	39.55	Before	Interior Girder 4	39.55	0.95	1	1	3.988776
Gravel Truck_serv	BOBJ1	14	39.55	Before	Interior Girder 5	39.55	0.95	1	1	4.053175
Gravel Truck_serv	BOBJ1	14	39.55	Before	Interior Girder 6	39.55	0.95	1	1	4.370656
Gravel Truck_serv	BOBJ1	14	39.55	Before	Right Exterior Girder	39.55	0.95	1	1	5.575143
Gravel Truck_serv	BOBJ1	15	39.55	After	Left Exterior Girder	39.55	0.95	1	1	5.584536
Gravel Truck_serv	BOBJ1	15	39.55	After	Interior Girder 1	39.55	0.95	1	1	4.375922
Gravel Truck_serv	BOBJ1	15	39.55	After	Interior Girder 2	39.55	0.95	1	1	4.024683
Gravel Truck_serv	BOBJ1	15	39.55	After	Interior Girder 3	39.55	0.95	1	1	3.925457
Gravel Truck_serv	BOBJ1	15	39.55	After	Interior Girder 4	39.55	0.95	1	1	3.925457

TABLE: Bridge Super Rating AASHTORATE18 31 - SteelICompServ-Flx - Approach, Span 12-15										
Request	BridgeObj	BridgeCut	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	Unitless	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Gravel Truck_serv	BOBJ1	15	39.55	After	Interior Girder 5	39.55	0.95	1	1	4.024683
Gravel Truck_serv	BOBJ1	15	39.55	After	Interior Girder 6	39.55	0.95	1	1	4.375922
Gravel Truck_serv	BOBJ1	15	39.55	After	Right Exterior Girder	39.55	0.95	1	1	5.584536
Gravel Truck_serv	BOBJ1	16	45.1733	Before	Left Exterior Girder	45.1226	0.95	1	1	4.73911
Gravel Truck_serv	BOBJ1	16	45.1733	Before	Interior Girder 1	45.1226	0.95	1	1	4.838227
Gravel Truck_serv	BOBJ1	16	45.1733	Before	Interior Girder 2	45.1226	0.95	1	1	4.638987
Gravel Truck_serv	BOBJ1	16	45.1733	Before	Interior Girder 3	45.1226	0.95	1	1	4.718205
Gravel Truck_serv	BOBJ1	16	45.1733	Before	Interior Girder 4	45.1226	0.95	1	1	4.718205
Gravel Truck_serv	BOBJ1	16	45.1733	Before	Interior Girder 5	45.1226	0.95	1	1	4.638987
Gravel Truck_serv	BOBJ1	16	45.1733	Before	Interior Girder 6	45.1226	0.95	1	1	4.838227
Gravel Truck_serv	BOBJ1	16	45.1733	Before	Right Exterior Girder	45.1226	0.95	1	1	4.73911
Gravel Truck_serv	BOBJ1	17	45.1733	After	Left Exterior Girder	45.1226	0.95	1	1	3.804888
Gravel Truck_serv	BOBJ1	17	45.1733	After	Interior Girder 1	45.1226	0.95	1	1	3.884818
Gravel Truck_serv	BOBJ1	17	45.1733	After	Interior Girder 2	45.1226	0.95	1	1	3.700563
Gravel Truck_serv	BOBJ1	17	45.1733	After	Interior Girder 3	45.1226	0.95	1	1	3.780981
Gravel Truck_serv	BOBJ1	17	45.1733	After	Interior Girder 4	45.1226	0.95	1	1	3.780981
Gravel Truck_serv	BOBJ1	17	45.1733	After	Interior Girder 5	45.1226	0.95	1	1	3.700563
Gravel Truck_serv	BOBJ1	17	45.1733	After	Interior Girder 6	45.1226	0.95	1	1	3.884818
Gravel Truck_serv	BOBJ1	17	45.1733	After	Right Exterior Girder	45.1226	0.95	1	1	3.804888
Gravel Truck_serv	BOBJ1	18	49.2561	Before	Left Exterior Girder	49.2561	0.95	1	1	2.921425
Gravel Truck_serv	BOBJ1	18	49.2561	Before	Right Exterior Girder	49.2561	0.95	1	1	2.921425
Gravel Truck_serv	BOBJ1	19	49.2561	After	Left Exterior Girder	49.2561	0.95	1	1	2.952281
Gravel Truck_serv	BOBJ1	19	49.2561	After	Right Exterior Girder	49.2561	0.95	1	1	2.952281
Gravel Truck_serv	BOBJ1	20	50.7967	Before	Left Exterior Girder	50.7967	0.95	1	1	5.926102
Gravel Truck_serv	BOBJ1	20	50.7967	Before	Interior Girder 1	50.7967	0.95	1	1	2.93629
Gravel Truck_serv	BOBJ1	20	50.7967	Before	Interior Girder 2	50.7967	0.95	1	1	2.779287
Gravel Truck_serv	BOBJ1	20	50.7967	Before	Interior Girder 3	50.7967	0.95	1	1	2.674894
Gravel Truck_serv	BOBJ1	20	50.7967	Before	Interior Girder 4	50.7967	0.95	1	1	2.674894
Gravel Truck_serv	BOBJ1	20	50.7967	Before	Interior Girder 5	50.7967	0.95	1	1	2.779287
Gravel Truck_serv	BOBJ1	20	50.7967	Before	Interior Girder 6	50.7967	0.95	1	1	2.93629
Gravel Truck_serv	BOBJ1	20	50.7967	Before	Right Exterior Girder	50.7967	0.95	1	1	5.926102
Gravel Truck_serv	BOBJ1	21	50.7967	After	Left Exterior Girder	50.7967	0.95	1	1	5.884834
Gravel Truck_serv	BOBJ1	21	50.7967	After	Interior Girder 1	50.7967	0.95	1	1	2.934609
Gravel Truck_serv	BOBJ1	21	50.7967	After	Interior Girder 2	50.7967	0.95	1	1	2.761959
Gravel Truck_serv	BOBJ1	21	50.7967	After	Interior Girder 3	50.7967	0.95	1	1	2.665813
Gravel Truck_serv	BOBJ1	21	50.7967	After	Interior Girder 4	50.7967	0.95	1	1	2.665813
Gravel Truck_serv	BOBJ1	21	50.7967	After	Interior Girder 5	50.7967	0.95	1	1	2.761959
Gravel Truck_serv	BOBJ1	21	50.7967	After	Interior Girder 6	50.7967	0.95	1	1	2.934609
Gravel Truck_serv	BOBJ1	21	50.7967	After	Right Exterior Girder	50.7967	0.95	1	1	5.884834
Gravel Truck_serv	BOBJ1	22	51.3989	Before	Interior Girder 1	51.3989	0.95	1	1	2.826966
Gravel Truck_serv	BOBJ1	22	51.3989	Before	Interior Girder 2	51.3989	0.95	1	1	2.673219
Gravel Truck_serv	BOBJ1	22	51.3989	Before	Interior Girder 3	51.3989	0.95	1	1	2.559391
Gravel Truck_serv	BOBJ1	22	51.3989	Before	Interior Girder 4	51.3989	0.95	1	1	2.559391
Gravel Truck_serv	BOBJ1	22	51.3989	Before	Interior Girder 5	51.3989	0.95	1	1	2.673219
Gravel Truck_serv	BOBJ1	22	51.3989	Before	Interior Girder 6	51.3989	0.95	1	1	2.826966
Gravel Truck_serv	BOBJ1	23	51.3989	After	Interior Girder 1	51.3989	0.95	1	1	4.173369
Gravel Truck_serv	BOBJ1	23	51.3989	After	Interior Girder 2	51.3989	0.95	1	1	3.920927
Gravel Truck_serv	BOBJ1	23	51.3989	After	Interior Girder 3	51.3989	0.95	1	1	3.78627
Gravel Truck_serv	BOBJ1	23	51.3989	After	Interior Girder 4	51.3989	0.95	1	1	3.78627
Gravel Truck_serv	BOBJ1	23	51.3989	After	Interior Girder 5	51.3989	0.95	1	1	3.920927
Gravel Truck_serv	BOBJ1	23	51.3989	After	Interior Girder 6	51.3989	0.95	1	1	4.173369
Gravel Truck_serv	BOBJ1	24	56.42	Before	Left Exterior Girder	56.42	0.95	1	1	4.485567
Gravel Truck_serv	BOBJ1	24	56.42	Before	Interior Girder 1	56.42	0.95	1	1	3.186725
Gravel Truck_serv	BOBJ1	24	56.42	Before	Interior Girder 2	56.42	0.95	1	1	2.907006
Gravel Truck_serv	BOBJ1	24	56.42	Before	Interior Girder 3	56.42	0.95	1	1	2.499058
Gravel Truck_serv	BOBJ1	24	56.42	Before	Interior Girder 4	56.42	0.95	1	1	2.499058
Gravel Truck_serv	BOBJ1	24	56.42	Before	Interior Girder 5	56.42	0.95	1	1	2.907006
Gravel Truck_serv	BOBJ1	24	56.42	Before	Interior Girder 6	56.42	0.95	1	1	3.186725
Gravel Truck_serv	BOBJ1	24	56.42	Before	Right Exterior Girder	56.42	0.95	1	1	4.485567
Gravel Truck_serv	BOBJ1	25	56.42	After	Left Exterior Girder	0	0.95	1	1	4.60433
Gravel Truck_serv	BOBJ1	25	56.42	After	Interior Girder 1	0	0.95	1	1	2.906707
Gravel Truck_serv	BOBJ1	25	56.42	After	Interior Girder 2	0	0.95	1	1	2.725235
Gravel Truck_serv	BOBJ1	25	56.42	After	Interior Girder 3	0	0.95	1	1	2.35315
Gravel Truck_serv	BOBJ1	25	56.42	After	Interior Girder 4	0	0.95	1	1	2.35315
Gravel Truck_serv	BOBJ1	25	56.42	After	Interior Girder 5	0	0.95	1	1	2.725235
Gravel Truck_serv	BOBJ1	25	56.42	After	Interior Girder 6	0	0.95	1	1	2.906707
Gravel Truck_serv	BOBJ1	25	56.42	After	Right Exterior Girder	0	0.95	1	1	4.60433
Gravel Truck_serv	BOBJ1	26	62.0367	Before	Left Exterior Girder	5.6167	0.95	1	1	7.51793
Gravel Truck_serv	BOBJ1	26	62.0367	Before	Interior Girder 1	5.6167	0.95	1	1	5.23073
Gravel Truck_serv	BOBJ1	26	62.0367	Before	Interior Girder 2	5.6167	0.95	1	1	4.818215
Gravel Truck_serv	BOBJ1	26	62.0367	Before	Interior Girder 3	5.6167	0.95	1	1	4.542488
Gravel Truck_serv	BOBJ1	26	62.0367	Before	Interior Girder 4	5.6167	0.95	1	1	4.542488
Gravel Truck_serv	BOBJ1	26	62.0367	Before	Interior Girder 5	5.6167	0.95	1	1	4.818215

TABLE: Bridge Super Rating AASHTORATE18 31 - SteelICompServ-Flx - Approach, Span 12-15										
Request	BridgeObj	BridgeCut	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	Unitless	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Gravel Truck_serv	BOBJ1	26	62.0367	Before	Interior Girder 6	5.6167	0.95	1	1	5.23073
Gravel Truck_serv	BOBJ1	26	62.0367	Before	Right Exterior Girder	5.6167	0.95	1	1	7.51793
Gravel Truck_serv	BOBJ1	27	62.0367	After	Left Exterior Girder	5.6167	0.95	1	1	7.449578
Gravel Truck_serv	BOBJ1	27	62.0367	After	Interior Girder 1	5.6167	0.95	1	1	5.30928
Gravel Truck_serv	BOBJ1	27	62.0367	After	Interior Girder 2	5.6167	0.95	1	1	4.898218
Gravel Truck_serv	BOBJ1	27	62.0367	After	Interior Girder 3	5.6167	0.95	1	1	4.625045
Gravel Truck_serv	BOBJ1	27	62.0367	After	Interior Girder 4	5.6167	0.95	1	1	4.625045
Gravel Truck_serv	BOBJ1	27	62.0367	After	Interior Girder 5	5.6167	0.95	1	1	4.898218
Gravel Truck_serv	BOBJ1	27	62.0367	After	Interior Girder 6	5.6167	0.95	1	1	5.30928
Gravel Truck_serv	BOBJ1	27	62.0367	After	Right Exterior Girder	5.6167	0.95	1	1	7.449578
Gravel Truck_serv	BOBJ1	28	62.4203	Before	Interior Girder 1	6.0003	0.95	1	1	5.405918
Gravel Truck_serv	BOBJ1	28	62.4203	Before	Interior Girder 2	6.0003	0.95	1	1	4.981746
Gravel Truck_serv	BOBJ1	28	62.4203	Before	Interior Girder 3	6.0003	0.95	1	1	4.72743
Gravel Truck_serv	BOBJ1	28	62.4203	Before	Interior Girder 4	6.0003	0.95	1	1	4.72743
Gravel Truck_serv	BOBJ1	28	62.4203	Before	Interior Girder 5	6.0003	0.95	1	1	4.981746
Gravel Truck_serv	BOBJ1	28	62.4203	Before	Interior Girder 6	6.0003	0.95	1	1	5.405918
Gravel Truck_serv	BOBJ1	29	62.4203	After	Interior Girder 1	6.0003	0.95	1	1	3.655555
Gravel Truck_serv	BOBJ1	29	62.4203	After	Interior Girder 2	6.0003	0.95	1	1	3.408683
Gravel Truck_serv	BOBJ1	29	62.4203	After	Interior Girder 3	6.0003	0.95	1	1	3.200121
Gravel Truck_serv	BOBJ1	29	62.4203	After	Interior Girder 4	6.0003	0.95	1	1	3.200121
Gravel Truck_serv	BOBJ1	29	62.4203	After	Interior Girder 5	6.0003	0.95	1	1	3.408683
Gravel Truck_serv	BOBJ1	29	62.4203	After	Interior Girder 6	6.0003	0.95	1	1	3.655555
Gravel Truck_serv	BOBJ1	30	64.9204	Before	Left Exterior Girder	8.5004	0.95	1	1	8.416196
Gravel Truck_serv	BOBJ1	30	64.9204	Before	Right Exterior Girder	8.5004	0.95	1	1	8.416196
Gravel Truck_serv	BOBJ1	31	64.9204	After	Left Exterior Girder	8.5004	0.95	1	1	4.00026
Gravel Truck_serv	BOBJ1	31	64.9204	After	Right Exterior Girder	8.5004	0.95	1	1	4.00026
Gravel Truck_serv	BOBJ1	32	67.6533	Before	Left Exterior Girder	11.2333	0.95	1	1	4.741357
Gravel Truck_serv	BOBJ1	32	67.6533	Before	Interior Girder 1	11.2333	0.95	1	1	4.750364
Gravel Truck_serv	BOBJ1	32	67.6533	Before	Interior Girder 2	11.2333	0.95	1	1	4.456743
Gravel Truck_serv	BOBJ1	32	67.6533	Before	Interior Girder 3	11.2333	0.95	1	1	4.456554
Gravel Truck_serv	BOBJ1	32	67.6533	Before	Interior Girder 4	11.2333	0.95	1	1	4.456554
Gravel Truck_serv	BOBJ1	32	67.6533	Before	Interior Girder 5	11.2333	0.95	1	1	4.456743
Gravel Truck_serv	BOBJ1	32	67.6533	Before	Interior Girder 6	11.2333	0.95	1	1	4.750364
Gravel Truck_serv	BOBJ1	32	67.6533	Before	Right Exterior Girder	11.2333	0.95	1	1	4.741357
Gravel Truck_serv	BOBJ1	33	67.6533	After	Left Exterior Girder	11.2333	0.95	1	1	4.707736
Gravel Truck_serv	BOBJ1	33	67.6533	After	Interior Girder 1	11.2333	0.95	1	1	4.783168
Gravel Truck_serv	BOBJ1	33	67.6533	After	Interior Girder 2	11.2333	0.95	1	1	4.516237
Gravel Truck_serv	BOBJ1	33	67.6533	After	Interior Girder 3	11.2333	0.95	1	1	4.503972
Gravel Truck_serv	BOBJ1	33	67.6533	After	Interior Girder 4	11.2333	0.95	1	1	4.503972
Gravel Truck_serv	BOBJ1	33	67.6533	After	Interior Girder 5	11.2333	0.95	1	1	4.516237
Gravel Truck_serv	BOBJ1	33	67.6533	After	Interior Girder 6	11.2333	0.95	1	1	4.783168
Gravel Truck_serv	BOBJ1	33	67.6533	After	Right Exterior Girder	11.2333	0.95	1	1	4.707736
Gravel Truck_serv	BOBJ1	34	73.27	Before	Left Exterior Girder	16.85	0.95	1	1	5.545405
Gravel Truck_serv	BOBJ1	34	73.27	Before	Interior Girder 1	16.85	0.95	1	1	4.323976
Gravel Truck_serv	BOBJ1	34	73.27	Before	Interior Girder 2	16.85	0.95	1	1	3.929542
Gravel Truck_serv	BOBJ1	34	73.27	Before	Interior Girder 3	16.85	0.95	1	1	3.81031
Gravel Truck_serv	BOBJ1	34	73.27	Before	Interior Girder 4	16.85	0.95	1	1	3.81031
Gravel Truck_serv	BOBJ1	34	73.27	Before	Interior Girder 5	16.85	0.95	1	1	3.929542
Gravel Truck_serv	BOBJ1	34	73.27	Before	Interior Girder 6	16.85	0.95	1	1	4.323976
Gravel Truck_serv	BOBJ1	34	73.27	Before	Right Exterior Girder	16.85	0.95	1	1	5.545405
Gravel Truck_serv	BOBJ1	35	73.27	After	Left Exterior Girder	16.85	0.95	1	1	5.622482
Gravel Truck_serv	BOBJ1	35	73.27	After	Interior Girder 1	16.85	0.95	1	1	4.285054
Gravel Truck_serv	BOBJ1	35	73.27	After	Interior Girder 2	16.85	0.95	1	1	3.936948
Gravel Truck_serv	BOBJ1	35	73.27	After	Interior Girder 3	16.85	0.95	1	1	3.861023
Gravel Truck_serv	BOBJ1	35	73.27	After	Interior Girder 4	16.85	0.95	1	1	3.861023
Gravel Truck_serv	BOBJ1	35	73.27	After	Interior Girder 5	16.85	0.95	1	1	3.936948
Gravel Truck_serv	BOBJ1	35	73.27	After	Interior Girder 6	16.85	0.95	1	1	4.285054
Gravel Truck_serv	BOBJ1	35	73.27	After	Right Exterior Girder	16.85	0.95	1	1	5.622482
Gravel Truck_serv	BOBJ1	36	78.8867	Before	Left Exterior Girder	22.4667	0.95	1	1	3.880049
Gravel Truck_serv	BOBJ1	36	78.8867	Before	Interior Girder 1	22.4667	0.95	1	1	3.0064
Gravel Truck_serv	BOBJ1	36	78.8867	Before	Interior Girder 2	22.4667	0.95	1	1	2.825079
Gravel Truck_serv	BOBJ1	36	78.8867	Before	Interior Girder 3	22.4667	0.95	1	1	2.743107
Gravel Truck_serv	BOBJ1	36	78.8867	Before	Interior Girder 4	22.4667	0.95	1	1	2.743107
Gravel Truck_serv	BOBJ1	36	78.8867	Before	Interior Girder 5	22.4667	0.95	1	1	2.825079
Gravel Truck_serv	BOBJ1	36	78.8867	Before	Interior Girder 6	22.4667	0.95	1	1	3.0064
Gravel Truck_serv	BOBJ1	36	78.8867	Before	Right Exterior Girder	22.4667	0.95	1	1	3.880049
Gravel Truck_serv	BOBJ1	37	78.8867	After	Left Exterior Girder	22.4667	0.95	1	1	3.935402
Gravel Truck_serv	BOBJ1	37	78.8867	After	Interior Girder 1	22.4667	0.95	1	1	2.978869
Gravel Truck_serv	BOBJ1	37	78.8867	After	Interior Girder 2	22.4667	0.95	1	1	2.818822
Gravel Truck_serv	BOBJ1	37	78.8867	After	Interior Girder 3	22.4667	0.95	1	1	2.761774
Gravel Truck_serv	BOBJ1	37	78.8867	After	Interior Girder 4	22.4667	0.95	1	1	2.761774
Gravel Truck_serv	BOBJ1	37	78.8867	After	Interior Girder 5	22.4667	0.95	1	1	2.818822
Gravel Truck_serv	BOBJ1	37	78.8867	After	Interior Girder 6	22.4667	0.95	1	1	2.978869

TABLE: Bridge Super Rating AASHTORATE18 31 - SteelICompServ-Flx - Approach, Span 12-15										
Request	BridgeObj	BridgeCut	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	Unitless	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Gravel Truck_serv	BOBJ1	37	78.8867	After	Right Exterior Girder	22.4667	0.95	1	1	3.935402
Gravel Truck_serv	BOBJ1	38	84.5033	Before	Left Exterior Girder	28.0833	0.95	1	1	3.128037
Gravel Truck_serv	BOBJ1	38	84.5033	Before	Interior Girder 1	28.0833	0.95	1	1	2.536521
Gravel Truck_serv	BOBJ1	38	84.5033	Before	Interior Girder 2	28.0833	0.95	1	1	2.413995
Gravel Truck_serv	BOBJ1	38	84.5033	Before	Interior Girder 3	28.0833	0.95	1	1	2.361635
Gravel Truck_serv	BOBJ1	38	84.5033	Before	Interior Girder 4	28.0833	0.95	1	1	2.361635
Gravel Truck_serv	BOBJ1	38	84.5033	Before	Interior Girder 5	28.0833	0.95	1	1	2.413995
Gravel Truck_serv	BOBJ1	38	84.5033	Before	Interior Girder 6	28.0833	0.95	1	1	2.536521
Gravel Truck_serv	BOBJ1	38	84.5033	Before	Right Exterior Girder	28.0833	0.95	1	1	3.128037
Gravel Truck_serv	BOBJ1	39	84.5033	After	Left Exterior Girder	28.0833	0.95	1	1	3.123665
Gravel Truck_serv	BOBJ1	39	84.5033	After	Interior Girder 1	28.0833	0.95	1	1	2.544008
Gravel Truck_serv	BOBJ1	39	84.5033	After	Interior Girder 2	28.0833	0.95	1	1	2.428312
Gravel Truck_serv	BOBJ1	39	84.5033	After	Interior Girder 3	28.0833	0.95	1	1	2.380578
Gravel Truck_serv	BOBJ1	39	84.5033	After	Interior Girder 4	28.0833	0.95	1	1	2.380578
Gravel Truck_serv	BOBJ1	39	84.5033	After	Interior Girder 5	28.0833	0.95	1	1	2.428312
Gravel Truck_serv	BOBJ1	39	84.5033	After	Interior Girder 6	28.0833	0.95	1	1	2.544008
Gravel Truck_serv	BOBJ1	39	84.5033	After	Right Exterior Girder	28.0833	0.95	1	1	3.123665
Gravel Truck_serv	BOBJ1	40	90.12	Before	Left Exterior Girder	33.7	0.95	1	1	2.813168
Gravel Truck_serv	BOBJ1	40	90.12	Before	Interior Girder 1	33.7	0.95	1	1	2.521707
Gravel Truck_serv	BOBJ1	40	90.12	Before	Interior Girder 2	33.7	0.95	1	1	2.401024
Gravel Truck_serv	BOBJ1	40	90.12	Before	Interior Girder 3	33.7	0.95	1	1	2.367335
Gravel Truck_serv	BOBJ1	40	90.12	Before	Interior Girder 4	33.7	0.95	1	1	2.367335
Gravel Truck_serv	BOBJ1	40	90.12	Before	Interior Girder 5	33.7	0.95	1	1	2.401024
Gravel Truck_serv	BOBJ1	40	90.12	Before	Interior Girder 6	33.7	0.95	1	1	2.521707
Gravel Truck_serv	BOBJ1	40	90.12	Before	Right Exterior Girder	33.7	0.95	1	1	2.813168
Gravel Truck_serv	BOBJ1	41	90.12	After	Left Exterior Girder	33.7	0.95	1	1	2.822119
Gravel Truck_serv	BOBJ1	41	90.12	After	Interior Girder 1	33.7	0.95	1	1	2.515634
Gravel Truck_serv	BOBJ1	41	90.12	After	Interior Girder 2	33.7	0.95	1	1	2.396623
Gravel Truck_serv	BOBJ1	41	90.12	After	Interior Girder 3	33.7	0.95	1	1	2.362693
Gravel Truck_serv	BOBJ1	41	90.12	After	Interior Girder 4	33.7	0.95	1	1	2.362693
Gravel Truck_serv	BOBJ1	41	90.12	After	Interior Girder 5	33.7	0.95	1	1	2.396623
Gravel Truck_serv	BOBJ1	41	90.12	After	Interior Girder 6	33.7	0.95	1	1	2.515634
Gravel Truck_serv	BOBJ1	41	90.12	After	Right Exterior Girder	33.7	0.95	1	1	2.822119
Gravel Truck_serv	BOBJ1	42	95.7367	Before	Left Exterior Girder	39.3167	0.95	1	1	3.097838
Gravel Truck_serv	BOBJ1	42	95.7367	Before	Interior Girder 1	39.3167	0.95	1	1	2.527177
Gravel Truck_serv	BOBJ1	42	95.7367	Before	Interior Girder 2	39.3167	0.95	1	1	2.413023
Gravel Truck_serv	BOBJ1	42	95.7367	Before	Interior Girder 3	39.3167	0.95	1	1	2.367412
Gravel Truck_serv	BOBJ1	42	95.7367	Before	Interior Girder 4	39.3167	0.95	1	1	2.367412
Gravel Truck_serv	BOBJ1	42	95.7367	Before	Interior Girder 5	39.3167	0.95	1	1	2.413023
Gravel Truck_serv	BOBJ1	42	95.7367	Before	Interior Girder 6	39.3167	0.95	1	1	2.527177
Gravel Truck_serv	BOBJ1	42	95.7367	Before	Right Exterior Girder	39.3167	0.95	1	1	3.097838
Gravel Truck_serv	BOBJ1	43	95.7367	After	Left Exterior Girder	39.3167	0.95	1	1	3.10383
Gravel Truck_serv	BOBJ1	43	95.7367	After	Interior Girder 1	39.3167	0.95	1	1	2.518819
Gravel Truck_serv	BOBJ1	43	95.7367	After	Interior Girder 2	39.3167	0.95	1	1	2.39908
Gravel Truck_serv	BOBJ1	43	95.7367	After	Interior Girder 3	39.3167	0.95	1	1	2.349462
Gravel Truck_serv	BOBJ1	43	95.7367	After	Interior Girder 4	39.3167	0.95	1	1	2.349462
Gravel Truck_serv	BOBJ1	43	95.7367	After	Interior Girder 5	39.3167	0.95	1	1	2.39908
Gravel Truck_serv	BOBJ1	43	95.7367	After	Interior Girder 6	39.3167	0.95	1	1	2.518819
Gravel Truck_serv	BOBJ1	43	95.7367	After	Right Exterior Girder	39.3167	0.95	1	1	3.10383
Gravel Truck_serv	BOBJ1	44	101.3533	Before	Left Exterior Girder	44.9333	0.95	1	1	3.845051
Gravel Truck_serv	BOBJ1	44	101.3533	Before	Interior Girder 1	44.9333	0.95	1	1	2.943554
Gravel Truck_serv	BOBJ1	44	101.3533	Before	Interior Girder 2	44.9333	0.95	1	1	2.785551
Gravel Truck_serv	BOBJ1	44	101.3533	Before	Interior Girder 3	44.9333	0.95	1	1	2.736784
Gravel Truck_serv	BOBJ1	44	101.3533	Before	Interior Girder 4	44.9333	0.95	1	1	2.736784
Gravel Truck_serv	BOBJ1	44	101.3533	Before	Interior Girder 5	44.9333	0.95	1	1	2.785551
Gravel Truck_serv	BOBJ1	44	101.3533	Before	Interior Girder 6	44.9333	0.95	1	1	2.943554
Gravel Truck_serv	BOBJ1	44	101.3533	Before	Right Exterior Girder	44.9333	0.95	1	1	3.845051
Gravel Truck_serv	BOBJ1	45	101.3533	After	Left Exterior Girder	44.9333	0.95	1	1	3.792165
Gravel Truck_serv	BOBJ1	45	101.3533	After	Interior Girder 1	44.9333	0.95	1	1	2.969663
Gravel Truck_serv	BOBJ1	45	101.3533	After	Interior Girder 2	44.9333	0.95	1	1	2.792872
Gravel Truck_serv	BOBJ1	45	101.3533	After	Interior Girder 3	44.9333	0.95	1	1	2.719606
Gravel Truck_serv	BOBJ1	45	101.3533	After	Interior Girder 4	44.9333	0.95	1	1	2.719606
Gravel Truck_serv	BOBJ1	45	101.3533	After	Interior Girder 5	44.9333	0.95	1	1	2.792872
Gravel Truck_serv	BOBJ1	45	101.3533	After	Interior Girder 6	44.9333	0.95	1	1	2.969663
Gravel Truck_serv	BOBJ1	45	101.3533	After	Right Exterior Girder	44.9333	0.95	1	1	3.792165
Gravel Truck_serv	BOBJ1	46	106.97	Before	Left Exterior Girder	50.55	0.95	1	1	5.272043
Gravel Truck_serv	BOBJ1	46	106.97	Before	Interior Girder 1	50.55	0.95	1	1	4.199968
Gravel Truck_serv	BOBJ1	46	106.97	Before	Interior Girder 2	50.55	0.95	1	1	3.858182
Gravel Truck_serv	BOBJ1	46	106.97	Before	Interior Girder 3	50.55	0.95	1	1	3.801085
Gravel Truck_serv	BOBJ1	46	106.97	Before	Interior Girder 4	50.55	0.95	1	1	3.801085
Gravel Truck_serv	BOBJ1	46	106.97	Before	Interior Girder 5	50.55	0.95	1	1	3.858182
Gravel Truck_serv	BOBJ1	46	106.97	Before	Interior Girder 6	50.55	0.95	1	1	4.199968
Gravel Truck_serv	BOBJ1	46	106.97	Before	Right Exterior Girder	50.55	0.95	1	1	5.272043

TABLE: Bridge Super Rating AASHTORATE18 31 - SteelICompServ-Flx - Approach, Span 12-15										
Request	BridgeObj	BridgeCut	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	Unitless	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Gravel Truck_serv	BOBJ1	47	106.97	After	Left Exterior Girder	50.55	0.95	1	1	5.307821
Gravel Truck_serv	BOBJ1	47	106.97	After	Interior Girder 1	50.55	0.95	1	1	4.207908
Gravel Truck_serv	BOBJ1	47	106.97	After	Interior Girder 2	50.55	0.95	1	1	3.837142
Gravel Truck_serv	BOBJ1	47	106.97	After	Interior Girder 3	50.55	0.95	1	1	3.737317
Gravel Truck_serv	BOBJ1	47	106.97	After	Interior Girder 4	50.55	0.95	1	1	3.737317
Gravel Truck_serv	BOBJ1	47	106.97	After	Interior Girder 5	50.55	0.95	1	1	3.837142
Gravel Truck_serv	BOBJ1	47	106.97	After	Interior Girder 6	50.55	0.95	1	1	4.207908
Gravel Truck_serv	BOBJ1	47	106.97	After	Right Exterior Girder	50.55	0.95	1	1	5.307821
Gravel Truck_serv	BOBJ1	48	112.5933	Before	Left Exterior Girder	56.1733	0.95	1	1	3.936176
Gravel Truck_serv	BOBJ1	48	112.5933	Before	Interior Girder 1	56.1733	0.95	1	1	4.075358
Gravel Truck_serv	BOBJ1	48	112.5933	Before	Interior Girder 2	56.1733	0.95	1	1	3.874095
Gravel Truck_serv	BOBJ1	48	112.5933	Before	Interior Girder 3	56.1733	0.95	1	1	3.914561
Gravel Truck_serv	BOBJ1	48	112.5933	Before	Interior Girder 4	56.1733	0.95	1	1	3.914561
Gravel Truck_serv	BOBJ1	48	112.5933	Before	Interior Girder 5	56.1733	0.95	1	1	3.874095
Gravel Truck_serv	BOBJ1	48	112.5933	Before	Interior Girder 6	56.1733	0.95	1	1	4.075358
Gravel Truck_serv	BOBJ1	48	112.5933	Before	Right Exterior Girder	56.1733	0.95	1	1	3.936176
Gravel Truck_serv	BOBJ1	49	112.5933	After	Left Exterior Girder	56.1733	0.95	1	1	3.959486
Gravel Truck_serv	BOBJ1	49	112.5933	After	Interior Girder 1	56.1733	0.95	1	1	4.055187
Gravel Truck_serv	BOBJ1	49	112.5933	After	Interior Girder 2	56.1733	0.95	1	1	3.837547
Gravel Truck_serv	BOBJ1	49	112.5933	After	Interior Girder 3	56.1733	0.95	1	1	3.884765
Gravel Truck_serv	BOBJ1	49	112.5933	After	Interior Girder 4	56.1733	0.95	1	1	3.884765
Gravel Truck_serv	BOBJ1	49	112.5933	After	Interior Girder 5	56.1733	0.95	1	1	3.837547
Gravel Truck_serv	BOBJ1	49	112.5933	After	Interior Girder 6	56.1733	0.95	1	1	4.055187
Gravel Truck_serv	BOBJ1	49	112.5933	After	Right Exterior Girder	56.1733	0.95	1	1	3.959486
Gravel Truck_serv	BOBJ1	50	115.3396	Before	Left Exterior Girder	58.9196	0.95	1	1	3.325997
Gravel Truck_serv	BOBJ1	50	115.3396	Before	Right Exterior Girder	58.9196	0.95	1	1	3.325997
Gravel Truck_serv	BOBJ1	51	115.3396	After	Left Exterior Girder	58.9196	0.95	1	1	7.034176
Gravel Truck_serv	BOBJ1	51	115.3396	After	Right Exterior Girder	58.9196	0.95	1	1	7.034176
Gravel Truck_serv	BOBJ1	52	118.2167	Before	Left Exterior Girder	61.7967	0.95	1	1	6.232467
Gravel Truck_serv	BOBJ1	52	118.2167	Before	Interior Girder 1	61.9198	0.95	1	1	3.020715
Gravel Truck_serv	BOBJ1	52	118.2167	Before	Interior Girder 2	61.9198	0.95	1	1	2.864048
Gravel Truck_serv	BOBJ1	52	118.2167	Before	Interior Girder 3	61.9198	0.95	1	1	2.726419
Gravel Truck_serv	BOBJ1	52	118.2167	Before	Interior Girder 4	61.9198	0.95	1	1	2.726419
Gravel Truck_serv	BOBJ1	52	118.2167	Before	Interior Girder 5	61.9198	0.95	1	1	2.864048
Gravel Truck_serv	BOBJ1	52	118.2167	Before	Interior Girder 6	61.9198	0.95	1	1	3.020715
Gravel Truck_serv	BOBJ1	52	118.2167	Before	Right Exterior Girder	61.7967	0.95	1	1	6.232467
Gravel Truck_serv	BOBJ1	53	118.2167	After	Left Exterior Girder	61.7967	0.95	1	1	6.227699
Gravel Truck_serv	BOBJ1	53	118.2167	After	Interior Girder 1	61.9198	0.95	1	1	4.495522
Gravel Truck_serv	BOBJ1	53	118.2167	After	Interior Girder 2	61.9198	0.95	1	1	4.171526
Gravel Truck_serv	BOBJ1	53	118.2167	After	Interior Girder 3	61.9198	0.95	1	1	4.012583
Gravel Truck_serv	BOBJ1	53	118.2167	After	Interior Girder 4	61.9198	0.95	1	1	4.012583
Gravel Truck_serv	BOBJ1	53	118.2167	After	Interior Girder 5	61.9198	0.95	1	1	4.171526
Gravel Truck_serv	BOBJ1	53	118.2167	After	Interior Girder 6	61.9198	0.95	1	1	4.495522
Gravel Truck_serv	BOBJ1	53	118.2167	After	Right Exterior Girder	61.7967	0.95	1	1	6.227699
Gravel Truck_serv	BOBJ1	54	123.84	Before	Left Exterior Girder	67.42	0.95	1	1	4.64751
Gravel Truck_serv	BOBJ1	54	123.84	Before	Interior Girder 1	67.42	0.95	1	1	3.051089
Gravel Truck_serv	BOBJ1	54	123.84	Before	Interior Girder 2	67.42	0.95	1	1	2.788742
Gravel Truck_serv	BOBJ1	54	123.84	Before	Interior Girder 3	67.42	0.95	1	1	2.368861
Gravel Truck_serv	BOBJ1	54	123.84	Before	Interior Girder 4	67.42	0.95	1	1	2.368861
Gravel Truck_serv	BOBJ1	54	123.84	Before	Interior Girder 5	67.42	0.95	1	1	2.788742
Gravel Truck_serv	BOBJ1	54	123.84	Before	Interior Girder 6	67.42	0.95	1	1	3.051089
Gravel Truck_serv	BOBJ1	54	123.84	Before	Right Exterior Girder	67.42	0.95	1	1	4.64751
Gravel Truck_serv	BOBJ1	55	123.84	After	Left Exterior Girder	0	0.95	1	1	4.603937
Gravel Truck_serv	BOBJ1	55	123.84	After	Interior Girder 1	0	0.95	1	1	3.029267
Gravel Truck_serv	BOBJ1	55	123.84	After	Interior Girder 2	0	0.95	1	1	2.792879
Gravel Truck_serv	BOBJ1	55	123.84	After	Interior Girder 3	0	0.95	1	1	2.370252
Gravel Truck_serv	BOBJ1	55	123.84	After	Interior Girder 4	0	0.95	1	1	2.370252
Gravel Truck_serv	BOBJ1	55	123.84	After	Interior Girder 5	0	0.95	1	1	2.792879
Gravel Truck_serv	BOBJ1	55	123.84	After	Interior Girder 6	0	0.95	1	1	3.029267
Gravel Truck_serv	BOBJ1	55	123.84	After	Right Exterior Girder	0	0.95	1	1	4.603937
Gravel Truck_serv	BOBJ1	56	129.34	Before	Interior Girder 1	5.5	0.95	1	1	4.538407
Gravel Truck_serv	BOBJ1	56	129.34	Before	Interior Girder 2	5.5	0.95	1	1	4.242829
Gravel Truck_serv	BOBJ1	56	129.34	Before	Interior Girder 3	5.5	0.95	1	1	4.083377
Gravel Truck_serv	BOBJ1	56	129.34	Before	Interior Girder 4	5.5	0.95	1	1	4.083377
Gravel Truck_serv	BOBJ1	56	129.34	Before	Interior Girder 5	5.5	0.95	1	1	4.242829
Gravel Truck_serv	BOBJ1	56	129.34	Before	Interior Girder 6	5.5	0.95	1	1	4.538407
Gravel Truck_serv	BOBJ1	57	129.34	After	Interior Girder 1	5.5	0.95	1	1	3.085048
Gravel Truck_serv	BOBJ1	57	129.34	After	Interior Girder 2	5.5	0.95	1	1	2.89894
Gravel Truck_serv	BOBJ1	57	129.34	After	Interior Girder 3	5.5	0.95	1	1	2.770146
Gravel Truck_serv	BOBJ1	57	129.34	After	Interior Girder 4	5.5	0.95	1	1	2.770146
Gravel Truck_serv	BOBJ1	57	129.34	After	Interior Girder 5	5.5	0.95	1	1	2.89894
Gravel Truck_serv	BOBJ1	57	129.34	After	Interior Girder 6	5.5	0.95	1	1	3.085048
Gravel Truck_serv	BOBJ1	58	130.79	Before	Left Exterior Girder	6.95	0.95	1	1	6.620478

TABLE: Bridge Super Rating AASHTORATE18 31 - SteelICompServ-Flx - Approach, Span 12-15										
Request	BridgeObj	BridgeCut	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	Unitless	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Gravel Truck_serv	BOBJ1	58	130.79	Before	Interior Girder 1	6.95	0.95	1	1	3.359829
Gravel Truck_serv	BOBJ1	58	130.79	Before	Interior Girder 2	6.95	0.95	1	1	3.133578
Gravel Truck_serv	BOBJ1	58	130.79	Before	Interior Girder 3	6.95	0.95	1	1	3.058302
Gravel Truck_serv	BOBJ1	58	130.79	Before	Interior Girder 4	6.95	0.95	1	1	3.058302
Gravel Truck_serv	BOBJ1	58	130.79	Before	Interior Girder 5	6.95	0.95	1	1	3.133578
Gravel Truck_serv	BOBJ1	58	130.79	Before	Interior Girder 6	6.95	0.95	1	1	3.359829
Gravel Truck_serv	BOBJ1	58	130.79	Before	Right Exterior Girder	6.95	0.95	1	1	6.620478
Gravel Truck_serv	BOBJ1	59	130.79	After	Left Exterior Girder	6.95	0.95	1	1	6.676285
Gravel Truck_serv	BOBJ1	59	130.79	After	Interior Girder 1	6.95	0.95	1	1	3.342654
Gravel Truck_serv	BOBJ1	59	130.79	After	Interior Girder 2	6.95	0.95	1	1	3.158808
Gravel Truck_serv	BOBJ1	59	130.79	After	Interior Girder 3	6.95	0.95	1	1	3.077055
Gravel Truck_serv	BOBJ1	59	130.79	After	Interior Girder 4	6.95	0.95	1	1	3.077055
Gravel Truck_serv	BOBJ1	59	130.79	After	Interior Girder 5	6.95	0.95	1	1	3.158808
Gravel Truck_serv	BOBJ1	59	130.79	After	Interior Girder 6	6.95	0.95	1	1	3.342654
Gravel Truck_serv	BOBJ1	59	130.79	After	Right Exterior Girder	6.95	0.95	1	1	6.676285
Gravel Truck_serv	BOBJ1	60	132.34	Before	Left Exterior Girder	8.5	0.95	1	1	7.157004
Gravel Truck_serv	BOBJ1	60	132.34	Before	Right Exterior Girder	8.5	0.95	1	1	7.157004
Gravel Truck_serv	BOBJ1	61	132.34	After	Left Exterior Girder	8.5	0.95	1	1	3.346436
Gravel Truck_serv	BOBJ1	61	132.34	After	Right Exterior Girder	8.5	0.95	1	1	3.346436
Gravel Truck_serv	BOBJ1	62	137.74	Before	Left Exterior Girder	13.9	0.95	1	1	4.608555
Gravel Truck_serv	BOBJ1	62	137.74	Before	Interior Girder 1	13.9	0.95	1	1	4.66424
Gravel Truck_serv	BOBJ1	62	137.74	Before	Interior Girder 2	13.9	0.95	1	1	4.490428
Gravel Truck_serv	BOBJ1	62	137.74	Before	Interior Girder 3	13.9	0.95	1	1	4.664027
Gravel Truck_serv	BOBJ1	62	137.74	Before	Interior Girder 4	13.9	0.95	1	1	4.664027
Gravel Truck_serv	BOBJ1	62	137.74	Before	Interior Girder 5	13.9	0.95	1	1	4.490428
Gravel Truck_serv	BOBJ1	62	137.74	Before	Interior Girder 6	13.9	0.95	1	1	4.66424
Gravel Truck_serv	BOBJ1	62	137.74	Before	Right Exterior Girder	13.9	0.95	1	1	4.608555
Gravel Truck_serv	BOBJ1	63	137.74	After	Left Exterior Girder	13.9	0.95	1	1	4.576678
Gravel Truck_serv	BOBJ1	63	137.74	After	Interior Girder 1	13.9	0.95	1	1	4.688659
Gravel Truck_serv	BOBJ1	63	137.74	After	Interior Girder 2	13.9	0.95	1	1	4.524686
Gravel Truck_serv	BOBJ1	63	137.74	After	Interior Girder 3	13.9	0.95	1	1	4.697646
Gravel Truck_serv	BOBJ1	63	137.74	After	Interior Girder 4	13.9	0.95	1	1	4.697646
Gravel Truck_serv	BOBJ1	63	137.74	After	Interior Girder 5	13.9	0.95	1	1	4.524686
Gravel Truck_serv	BOBJ1	63	137.74	After	Interior Girder 6	13.9	0.95	1	1	4.688659
Gravel Truck_serv	BOBJ1	63	137.74	After	Right Exterior Girder	13.9	0.95	1	1	4.576678
Gravel Truck_serv	BOBJ1	64	143.7733	Before	Left Exterior Girder	19.9333	0.95	1	1	4.473997
Gravel Truck_serv	BOBJ1	64	143.7733	Before	Interior Girder 1	19.9333	0.95	1	1	3.285141
Gravel Truck_serv	BOBJ1	64	143.7733	Before	Interior Girder 2	19.9333	0.95	1	1	3.075189
Gravel Truck_serv	BOBJ1	64	143.7733	Before	Interior Girder 3	19.9333	0.95	1	1	2.98389
Gravel Truck_serv	BOBJ1	64	143.7733	Before	Interior Girder 4	19.9333	0.95	1	1	2.98389
Gravel Truck_serv	BOBJ1	64	143.7733	Before	Interior Girder 5	19.9333	0.95	1	1	3.075189
Gravel Truck_serv	BOBJ1	64	143.7733	Before	Interior Girder 6	19.9333	0.95	1	1	3.285141
Gravel Truck_serv	BOBJ1	64	143.7733	Before	Right Exterior Girder	19.9333	0.95	1	1	4.473997
Gravel Truck_serv	BOBJ1	65	143.7733	After	Left Exterior Girder	19.9333	0.95	1	1	4.54396
Gravel Truck_serv	BOBJ1	65	143.7733	After	Interior Girder 1	19.9333	0.95	1	1	3.250596
Gravel Truck_serv	BOBJ1	65	143.7733	After	Interior Girder 2	19.9333	0.95	1	1	3.074689
Gravel Truck_serv	BOBJ1	65	143.7733	After	Interior Girder 3	19.9333	0.95	1	1	3.016866
Gravel Truck_serv	BOBJ1	65	143.7733	After	Interior Girder 4	19.9333	0.95	1	1	3.016866
Gravel Truck_serv	BOBJ1	65	143.7733	After	Interior Girder 5	19.9333	0.95	1	1	3.074689
Gravel Truck_serv	BOBJ1	65	143.7733	After	Interior Girder 6	19.9333	0.95	1	1	3.250596
Gravel Truck_serv	BOBJ1	65	143.7733	After	Right Exterior Girder	19.9333	0.95	1	1	4.54396
Gravel Truck_serv	BOBJ1	66	149.8067	Before	Left Exterior Girder	25.9667	0.95	1	1	3.29023
Gravel Truck_serv	BOBJ1	66	149.8067	Before	Interior Girder 1	25.9667	0.95	1	1	2.601434
Gravel Truck_serv	BOBJ1	66	149.8067	Before	Interior Girder 2	25.9667	0.95	1	1	2.468499
Gravel Truck_serv	BOBJ1	66	149.8067	Before	Interior Girder 3	25.9667	0.95	1	1	2.41463
Gravel Truck_serv	BOBJ1	66	149.8067	Before	Interior Girder 4	25.9667	0.95	1	1	2.41463
Gravel Truck_serv	BOBJ1	66	149.8067	Before	Interior Girder 5	25.9667	0.95	1	1	2.468499
Gravel Truck_serv	BOBJ1	66	149.8067	Before	Interior Girder 6	25.9667	0.95	1	1	2.601434
Gravel Truck_serv	BOBJ1	66	149.8067	Before	Right Exterior Girder	25.9667	0.95	1	1	3.29023
Gravel Truck_serv	BOBJ1	67	149.8067	After	Left Exterior Girder	25.9667	0.95	1	1	3.289141
Gravel Truck_serv	BOBJ1	67	149.8067	After	Interior Girder 1	25.9667	0.95	1	1	2.605743
Gravel Truck_serv	BOBJ1	67	149.8067	After	Interior Girder 2	25.9667	0.95	1	1	2.485744
Gravel Truck_serv	BOBJ1	67	149.8067	After	Interior Girder 3	25.9667	0.95	1	1	2.44211
Gravel Truck_serv	BOBJ1	67	149.8067	After	Interior Girder 4	25.9667	0.95	1	1	2.44211
Gravel Truck_serv	BOBJ1	67	149.8067	After	Interior Girder 5	25.9667	0.95	1	1	2.485744
Gravel Truck_serv	BOBJ1	67	149.8067	After	Interior Girder 6	25.9667	0.95	1	1	2.605743
Gravel Truck_serv	BOBJ1	67	149.8067	After	Right Exterior Girder	25.9667	0.95	1	1	3.289141
Gravel Truck_serv	BOBJ1	68	155.84	Before	Left Exterior Girder	32	0.95	1	1	2.785292
Gravel Truck_serv	BOBJ1	68	155.84	Before	Interior Girder 1	32	0.95	1	1	2.493651
Gravel Truck_serv	BOBJ1	68	155.84	Before	Interior Girder 2	32	0.95	1	1	2.370468
Gravel Truck_serv	BOBJ1	68	155.84	Before	Interior Girder 3	32	0.95	1	1	2.339304
Gravel Truck_serv	BOBJ1	68	155.84	Before	Interior Girder 4	32	0.95	1	1	2.339304
Gravel Truck_serv	BOBJ1	68	155.84	Before	Interior Girder 5	32	0.95	1	1	2.370468

TABLE: Bridge Super Rating AASHTORATE18 31 - SteelICompServ-Flx - Approach, Span 12-15										
Request	BridgeObj	BridgeCut	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	Unitless	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Gravel Truck_serv	BOBJ1	68	155.84	Before	Interior Girder 6	32	0.95	1	1	2.493651
Gravel Truck_serv	BOBJ1	68	155.84	Before	Right Exterior Girder	32	0.95	1	1	2.785292
Gravel Truck_serv	BOBJ1	69	155.84	After	Left Exterior Girder	32	0.95	1	1	2.798693
Gravel Truck_serv	BOBJ1	69	155.84	After	Interior Girder 1	32	0.95	1	1	2.486193
Gravel Truck_serv	BOBJ1	69	155.84	After	Interior Girder 2	32	0.95	1	1	2.367666
Gravel Truck_serv	BOBJ1	69	155.84	After	Interior Girder 3	32	0.95	1	1	2.338961
Gravel Truck_serv	BOBJ1	69	155.84	After	Interior Girder 4	32	0.95	1	1	2.338961
Gravel Truck_serv	BOBJ1	69	155.84	After	Interior Girder 5	32	0.95	1	1	2.367666
Gravel Truck_serv	BOBJ1	69	155.84	After	Interior Girder 6	32	0.95	1	1	2.486193
Gravel Truck_serv	BOBJ1	69	155.84	After	Right Exterior Girder	32	0.95	1	1	2.798693
Gravel Truck_serv	BOBJ1	70	161.8733	Before	Left Exterior Girder	38.0333	0.95	1	1	3.003829
Gravel Truck_serv	BOBJ1	70	161.8733	Before	Interior Girder 1	38.0333	0.95	1	1	2.4385
Gravel Truck_serv	BOBJ1	70	161.8733	Before	Interior Girder 2	38.0333	0.95	1	1	2.326289
Gravel Truck_serv	BOBJ1	70	161.8733	Before	Interior Girder 3	38.0333	0.95	1	1	2.281551
Gravel Truck_serv	BOBJ1	70	161.8733	Before	Interior Girder 4	38.0333	0.95	1	1	2.281551
Gravel Truck_serv	BOBJ1	70	161.8733	Before	Interior Girder 5	38.0333	0.95	1	1	2.326289
Gravel Truck_serv	BOBJ1	70	161.8733	Before	Interior Girder 6	38.0333	0.95	1	1	2.4385
Gravel Truck_serv	BOBJ1	70	161.8733	Before	Right Exterior Girder	38.0333	0.95	1	1	3.003829
Gravel Truck_serv	BOBJ1	71	161.8733	After	Left Exterior Girder	38.0333	0.95	1	1	3.014469
Gravel Truck_serv	BOBJ1	71	161.8733	After	Interior Girder 1	38.0333	0.95	1	1	2.427288
Gravel Truck_serv	BOBJ1	71	161.8733	After	Interior Girder 2	38.0333	0.95	1	1	2.311821
Gravel Truck_serv	BOBJ1	71	161.8733	After	Interior Girder 3	38.0333	0.95	1	1	2.263068
Gravel Truck_serv	BOBJ1	71	161.8733	After	Interior Girder 4	38.0333	0.95	1	1	2.263068
Gravel Truck_serv	BOBJ1	71	161.8733	After	Interior Girder 5	38.0333	0.95	1	1	2.311821
Gravel Truck_serv	BOBJ1	71	161.8733	After	Interior Girder 6	38.0333	0.95	1	1	2.427288
Gravel Truck_serv	BOBJ1	71	161.8733	After	Right Exterior Girder	38.0333	0.95	1	1	3.014469
Gravel Truck_serv	BOBJ1	72	167.9067	Before	Left Exterior Girder	44.0667	0.95	1	1	3.690304
Gravel Truck_serv	BOBJ1	72	167.9067	Before	Interior Girder 1	44.0667	0.95	1	1	2.805106
Gravel Truck_serv	BOBJ1	72	167.9067	Before	Interior Girder 2	44.0667	0.95	1	1	2.651474
Gravel Truck_serv	BOBJ1	72	167.9067	Before	Interior Girder 3	44.0667	0.95	1	1	2.602209
Gravel Truck_serv	BOBJ1	72	167.9067	Before	Interior Girder 4	44.0667	0.95	1	1	2.602209
Gravel Truck_serv	BOBJ1	72	167.9067	Before	Interior Girder 5	44.0667	0.95	1	1	2.651474
Gravel Truck_serv	BOBJ1	72	167.9067	Before	Interior Girder 6	44.0667	0.95	1	1	2.805106
Gravel Truck_serv	BOBJ1	72	167.9067	Before	Right Exterior Girder	44.0667	0.95	1	1	3.690304
Gravel Truck_serv	BOBJ1	73	167.9067	After	Left Exterior Girder	44.0667	0.95	1	1	3.633478
Gravel Truck_serv	BOBJ1	73	167.9067	After	Interior Girder 1	44.0667	0.95	1	1	2.830445
Gravel Truck_serv	BOBJ1	73	167.9067	After	Interior Girder 2	44.0667	0.95	1	1	2.659207
Gravel Truck_serv	BOBJ1	73	167.9067	After	Interior Girder 3	44.0667	0.95	1	1	2.583946
Gravel Truck_serv	BOBJ1	73	167.9067	After	Interior Girder 4	44.0667	0.95	1	1	2.583946
Gravel Truck_serv	BOBJ1	73	167.9067	After	Interior Girder 5	44.0667	0.95	1	1	2.659207
Gravel Truck_serv	BOBJ1	73	167.9067	After	Interior Girder 6	44.0667	0.95	1	1	2.830445
Gravel Truck_serv	BOBJ1	73	167.9067	After	Right Exterior Girder	44.0667	0.95	1	1	3.633478
Gravel Truck_serv	BOBJ1	74	173.94	Before	Left Exterior Girder	50.1	0.95	1	1	5.16286
Gravel Truck_serv	BOBJ1	74	173.94	Before	Interior Girder 1	50.1	0.95	1	1	4.032572
Gravel Truck_serv	BOBJ1	74	173.94	Before	Interior Girder 2	50.1	0.95	1	1	3.68856
Gravel Truck_serv	BOBJ1	74	173.94	Before	Interior Girder 3	50.1	0.95	1	1	3.621248
Gravel Truck_serv	BOBJ1	74	173.94	Before	Interior Girder 4	50.1	0.95	1	1	3.621248
Gravel Truck_serv	BOBJ1	74	173.94	Before	Interior Girder 5	50.1	0.95	1	1	3.68856
Gravel Truck_serv	BOBJ1	74	173.94	Before	Interior Girder 6	50.1	0.95	1	1	4.032572
Gravel Truck_serv	BOBJ1	74	173.94	Before	Right Exterior Girder	50.1	0.95	1	1	5.16286
Gravel Truck_serv	BOBJ1	75	173.94	After	Left Exterior Girder	50.1	0.95	1	1	5.127743
Gravel Truck_serv	BOBJ1	75	173.94	After	Interior Girder 1	50.1	0.95	1	1	4.040601
Gravel Truck_serv	BOBJ1	75	173.94	After	Interior Girder 2	50.1	0.95	1	1	3.668011
Gravel Truck_serv	BOBJ1	75	173.94	After	Interior Girder 3	50.1	0.95	1	1	3.562195
Gravel Truck_serv	BOBJ1	75	173.94	After	Interior Girder 4	50.1	0.95	1	1	3.562195
Gravel Truck_serv	BOBJ1	75	173.94	After	Interior Girder 5	50.1	0.95	1	1	3.668011
Gravel Truck_serv	BOBJ1	75	173.94	After	Interior Girder 6	50.1	0.95	1	1	4.040601
Gravel Truck_serv	BOBJ1	75	173.94	After	Right Exterior Girder	50.1	0.95	1	1	5.127743
Gravel Truck_serv	BOBJ1	76	179.98	Before	Left Exterior Girder	56.14	0.95	1	1	5.215012
Gravel Truck_serv	BOBJ1	76	179.98	Before	Interior Girder 1	56.14	0.95	1	1	5.249445
Gravel Truck_serv	BOBJ1	76	179.98	Before	Interior Girder 2	56.14	0.95	1	1	4.945393
Gravel Truck_serv	BOBJ1	76	179.98	Before	Interior Girder 3	56.14	0.95	1	1	4.92108
Gravel Truck_serv	BOBJ1	76	179.98	Before	Interior Girder 4	56.14	0.95	1	1	4.92108
Gravel Truck_serv	BOBJ1	76	179.98	Before	Interior Girder 5	56.14	0.95	1	1	4.945393
Gravel Truck_serv	BOBJ1	76	179.98	Before	Interior Girder 6	56.14	0.95	1	1	5.249445
Gravel Truck_serv	BOBJ1	76	179.98	Before	Right Exterior Girder	56.14	0.95	1	1	5.215012
Gravel Truck_serv	BOBJ1	77	179.98	After	Left Exterior Girder	56.14	0.95	1	1	5.254423
Gravel Truck_serv	BOBJ1	77	179.98	After	Interior Girder 1	56.14	0.95	1	1	5.215561
Gravel Truck_serv	BOBJ1	77	179.98	After	Interior Girder 2	56.14	0.95	1	1	4.869016
Gravel Truck_serv	BOBJ1	77	179.98	After	Interior Girder 3	56.14	0.95	1	1	4.857267
Gravel Truck_serv	BOBJ1	77	179.98	After	Interior Girder 4	56.14	0.95	1	1	4.857267
Gravel Truck_serv	BOBJ1	77	179.98	After	Interior Girder 5	56.14	0.95	1	1	4.869016
Gravel Truck_serv	BOBJ1	77	179.98	After	Interior Girder 6	56.14	0.95	1	1	5.215561

TABLE: Bridge Super Rating AASHTORATE18 31 - SteelICompServ-Flx - Approach, Span 12-15										
Request	BridgeObj	BridgeCut	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	Unitless	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Gravel Truck_serv	BOBJ1	77	179.98	After	Right Exterior Girder	56.14	0.95	1	1	5.254423
Gravel Truck_serv	BOBJ1	78	183.56	Before	Left Exterior Girder	59.72	0.95	1	1	4.22512
Gravel Truck_serv	BOBJ1	78	183.56	Before	Right Exterior Girder	59.72	0.95	1	1	4.22512
Gravel Truck_serv	BOBJ1	79	183.56	After	Left Exterior Girder	59.72	0.95	1	1	9.587137
Gravel Truck_serv	BOBJ1	79	183.56	After	Right Exterior Girder	59.72	0.95	1	1	9.587137
Gravel Truck_serv	BOBJ1	80	186.02	Before	Left Exterior Girder	62.18	0.95	1	1	8.670303
Gravel Truck_serv	BOBJ1	80	186.02	Before	Interior Girder 1	62.22	0.95	1	1	3.799492
Gravel Truck_serv	BOBJ1	80	186.02	Before	Interior Girder 2	62.22	0.95	1	1	3.570591
Gravel Truck_serv	BOBJ1	80	186.02	Before	Interior Girder 3	62.22	0.95	1	1	3.316073
Gravel Truck_serv	BOBJ1	80	186.02	Before	Interior Girder 4	62.22	0.95	1	1	3.316073
Gravel Truck_serv	BOBJ1	80	186.02	Before	Interior Girder 5	62.22	0.95	1	1	3.570591
Gravel Truck_serv	BOBJ1	80	186.02	Before	Interior Girder 6	62.22	0.95	1	1	3.799492
Gravel Truck_serv	BOBJ1	80	186.02	Before	Right Exterior Girder	62.18	0.95	1	1	8.670303
Gravel Truck_serv	BOBJ1	81	186.02	After	Left Exterior Girder	62.18	0.95	1	1	8.709626
Gravel Truck_serv	BOBJ1	81	186.02	After	Interior Girder 1	62.22	0.95	1	1	5.960274
Gravel Truck_serv	BOBJ1	81	186.02	After	Interior Girder 2	62.22	0.95	1	1	5.448069
Gravel Truck_serv	BOBJ1	81	186.02	After	Interior Girder 3	62.22	0.95	1	1	5.111553
Gravel Truck_serv	BOBJ1	81	186.02	After	Interior Girder 4	62.22	0.95	1	1	5.111553
Gravel Truck_serv	BOBJ1	81	186.02	After	Interior Girder 5	62.22	0.95	1	1	5.448069
Gravel Truck_serv	BOBJ1	81	186.02	After	Interior Girder 6	62.22	0.95	1	1	5.960274
Gravel Truck_serv	BOBJ1	81	186.02	After	Right Exterior Girder	62.18	0.95	1	1	8.709626
Gravel Truck_serv	BOBJ1	82	192.06	Before	Left Exterior Girder	68.22	0.95	1	1	4.60132
Gravel Truck_serv	BOBJ1	82	192.06	Before	Interior Girder 1	68.22	0.95	1	1	2.975774
Gravel Truck_serv	BOBJ1	82	192.06	Before	Interior Girder 2	68.22	0.95	1	1	2.790416
Gravel Truck_serv	BOBJ1	82	192.06	Before	Interior Girder 3	68.22	0.95	1	1	2.412605
Gravel Truck_serv	BOBJ1	82	192.06	Before	Interior Girder 4	68.22	0.95	1	1	2.412605
Gravel Truck_serv	BOBJ1	82	192.06	Before	Interior Girder 5	68.22	0.95	1	1	2.790416
Gravel Truck_serv	BOBJ1	82	192.06	Before	Interior Girder 6	68.22	0.95	1	1	2.975774
Gravel Truck_serv	BOBJ1	82	192.06	Before	Right Exterior Girder	68.22	0.95	1	1	4.60132
Gravel Truck_serv	BOBJ1	83	192.06	After	Left Exterior Girder	0	0.95	1	1	4.43579
Gravel Truck_serv	BOBJ1	83	192.06	After	Interior Girder 1	0	0.95	1	1	3.41205
Gravel Truck_serv	BOBJ1	83	192.06	After	Interior Girder 2	0	0.95	1	1	3.06504
Gravel Truck_serv	BOBJ1	83	192.06	After	Interior Girder 3	0	0.95	1	1	2.673107
Gravel Truck_serv	BOBJ1	83	192.06	After	Interior Girder 4	0	0.95	1	1	2.673107
Gravel Truck_serv	BOBJ1	83	192.06	After	Interior Girder 5	0	0.95	1	1	3.06504
Gravel Truck_serv	BOBJ1	83	192.06	After	Interior Girder 6	0	0.95	1	1	3.41205
Gravel Truck_serv	BOBJ1	83	192.06	After	Right Exterior Girder	0	0.95	1	1	4.43579
Gravel Truck_serv	BOBJ1	84	197.087	Before	Interior Girder 1	5.027	0.95	1	1	4.252516
Gravel Truck_serv	BOBJ1	84	197.087	Before	Interior Girder 2	5.027	0.95	1	1	3.958495
Gravel Truck_serv	BOBJ1	84	197.087	Before	Interior Girder 3	5.027	0.95	1	1	3.890648
Gravel Truck_serv	BOBJ1	84	197.087	Before	Interior Girder 4	5.027	0.95	1	1	3.890648
Gravel Truck_serv	BOBJ1	84	197.087	Before	Interior Girder 5	5.027	0.95	1	1	3.958495
Gravel Truck_serv	BOBJ1	84	197.087	Before	Interior Girder 6	5.027	0.95	1	1	4.252516
Gravel Truck_serv	BOBJ1	85	197.087	After	Interior Girder 1	5.027	0.95	1	1	2.702174
Gravel Truck_serv	BOBJ1	85	197.087	After	Interior Girder 2	5.027	0.95	1	1	2.527356
Gravel Truck_serv	BOBJ1	85	197.087	After	Interior Girder 3	5.027	0.95	1	1	2.469791
Gravel Truck_serv	BOBJ1	85	197.087	After	Interior Girder 4	5.027	0.95	1	1	2.469791
Gravel Truck_serv	BOBJ1	85	197.087	After	Interior Girder 5	5.027	0.95	1	1	2.527356
Gravel Truck_serv	BOBJ1	85	197.087	After	Interior Girder 6	5.027	0.95	1	1	2.702174
Gravel Truck_serv	BOBJ1	86	197.91	Before	Left Exterior Girder	5.85	0.95	1	1	5.890289
Gravel Truck_serv	BOBJ1	86	197.91	Before	Interior Girder 1	5.85	0.95	1	1	2.837143
Gravel Truck_serv	BOBJ1	86	197.91	Before	Interior Girder 2	5.85	0.95	1	1	2.636481
Gravel Truck_serv	BOBJ1	86	197.91	Before	Interior Girder 3	5.85	0.95	1	1	2.619076
Gravel Truck_serv	BOBJ1	86	197.91	Before	Interior Girder 4	5.85	0.95	1	1	2.619076
Gravel Truck_serv	BOBJ1	86	197.91	Before	Interior Girder 5	5.85	0.95	1	1	2.636481
Gravel Truck_serv	BOBJ1	86	197.91	Before	Interior Girder 6	5.85	0.95	1	1	2.837143
Gravel Truck_serv	BOBJ1	86	197.91	Before	Right Exterior Girder	5.85	0.95	1	1	5.890289
Gravel Truck_serv	BOBJ1	87	197.91	After	Left Exterior Girder	5.85	0.95	1	1	5.925856
Gravel Truck_serv	BOBJ1	87	197.91	After	Interior Girder 1	5.85	0.95	1	1	2.836895
Gravel Truck_serv	BOBJ1	87	197.91	After	Interior Girder 2	5.85	0.95	1	1	2.656732
Gravel Truck_serv	BOBJ1	87	197.91	After	Interior Girder 3	5.85	0.95	1	1	2.62217
Gravel Truck_serv	BOBJ1	87	197.91	After	Interior Girder 4	5.85	0.95	1	1	2.62217
Gravel Truck_serv	BOBJ1	87	197.91	After	Interior Girder 5	5.85	0.95	1	1	2.656732
Gravel Truck_serv	BOBJ1	87	197.91	After	Interior Girder 6	5.85	0.95	1	1	2.836895
Gravel Truck_serv	BOBJ1	87	197.91	After	Right Exterior Girder	5.85	0.95	1	1	5.925856
Gravel Truck_serv	BOBJ1	88	199.1816	Before	Left Exterior Girder	7.1216	0.95	1	1	6.256443
Gravel Truck_serv	BOBJ1	88	199.1816	Before	Right Exterior Girder	7.1216	0.95	1	1	6.256443
Gravel Truck_serv	BOBJ1	89	199.1816	After	Left Exterior Girder	7.1216	0.95	1	1	2.696236
Gravel Truck_serv	BOBJ1	89	199.1816	After	Right Exterior Girder	7.1216	0.95	1	1	2.696236
Gravel Truck_serv	BOBJ1	90	203.5267	Before	Left Exterior Girder	11.3107	0.95	1	1	3.557166
Gravel Truck_serv	BOBJ1	90	203.5267	Before	Interior Girder 1	11.3107	0.95	1	1	3.759641
Gravel Truck_serv	BOBJ1	90	203.5267	Before	Interior Girder 2	11.3107	0.95	1	1	3.540652
Gravel Truck_serv	BOBJ1	90	203.5267	Before	Interior Girder 3	11.3107	0.95	1	1	3.649304

TABLE: Bridge Super Rating AASHTORATE18 31 - SteelICompServ-Flx - Approach, Span 12-15										
Request	BridgeObj	BridgeCut	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	Unitless	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Gravel Truck_serv	BOBJ1	90	203.5267	Before	Interior Girder 4	11.3107	0.95	1	1	3.649304
Gravel Truck_serv	BOBJ1	90	203.5267	Before	Interior Girder 5	11.3107	0.95	1	1	3.540652
Gravel Truck_serv	BOBJ1	90	203.5267	Before	Interior Girder 6	11.3107	0.95	1	1	3.759641
Gravel Truck_serv	BOBJ1	90	203.5267	Before	Right Exterior Girder	11.3107	0.95	1	1	3.557166
Gravel Truck_serv	BOBJ1	91	203.5267	After	Left Exterior Girder	11.3107	0.95	1	1	5.672501
Gravel Truck_serv	BOBJ1	91	203.5267	After	Interior Girder 1	11.3107	0.95	1	1	5.903737
Gravel Truck_serv	BOBJ1	91	203.5267	After	Interior Girder 2	11.3107	0.95	1	1	5.628706
Gravel Truck_serv	BOBJ1	91	203.5267	After	Interior Girder 3	11.3107	0.95	1	1	5.763498
Gravel Truck_serv	BOBJ1	91	203.5267	After	Interior Girder 4	11.3107	0.95	1	1	5.763498
Gravel Truck_serv	BOBJ1	91	203.5267	After	Interior Girder 5	11.3107	0.95	1	1	5.628706
Gravel Truck_serv	BOBJ1	91	203.5267	After	Interior Girder 6	11.3107	0.95	1	1	5.903737
Gravel Truck_serv	BOBJ1	91	203.5267	After	Right Exterior Girder	11.3107	0.95	1	1	5.672501
Gravel Truck_serv	BOBJ1	92	209.1433	Before	Left Exterior Girder	17.0833	0.95	1	1	6.068449
Gravel Truck_serv	BOBJ1	92	209.1433	Before	Interior Girder 1	17.0833	0.95	1	1	4.778367
Gravel Truck_serv	BOBJ1	92	209.1433	Before	Interior Girder 2	17.0833	0.95	1	1	4.439266
Gravel Truck_serv	BOBJ1	92	209.1433	Before	Interior Girder 3	17.0833	0.95	1	1	4.327365
Gravel Truck_serv	BOBJ1	92	209.1433	Before	Interior Girder 4	17.0833	0.95	1	1	4.327365
Gravel Truck_serv	BOBJ1	92	209.1433	Before	Interior Girder 5	17.0833	0.95	1	1	4.439266
Gravel Truck_serv	BOBJ1	92	209.1433	Before	Interior Girder 6	17.0833	0.95	1	1	4.778367
Gravel Truck_serv	BOBJ1	92	209.1433	Before	Right Exterior Girder	17.0833	0.95	1	1	6.068449
Gravel Truck_serv	BOBJ1	93	209.1433	After	Left Exterior Girder	17.0833	0.95	1	1	5.976482
Gravel Truck_serv	BOBJ1	93	209.1433	After	Interior Girder 1	17.0833	0.95	1	1	4.802555
Gravel Truck_serv	BOBJ1	93	209.1433	After	Interior Girder 2	17.0833	0.95	1	1	4.495135
Gravel Truck_serv	BOBJ1	93	209.1433	After	Interior Girder 3	17.0833	0.95	1	1	4.405498
Gravel Truck_serv	BOBJ1	93	209.1433	After	Interior Girder 4	17.0833	0.95	1	1	4.405498
Gravel Truck_serv	BOBJ1	93	209.1433	After	Interior Girder 5	17.0833	0.95	1	1	4.495135
Gravel Truck_serv	BOBJ1	93	209.1433	After	Interior Girder 6	17.0833	0.95	1	1	4.802555
Gravel Truck_serv	BOBJ1	93	209.1433	After	Right Exterior Girder	17.0833	0.95	1	1	5.976482
Gravel Truck_serv	BOBJ1	94	214.76	Before	Left Exterior Girder	22.7	0.95	1	1	4.499559
Gravel Truck_serv	BOBJ1	94	214.76	Before	Interior Girder 1	22.7	0.95	1	1	3.826981
Gravel Truck_serv	BOBJ1	94	214.76	Before	Interior Girder 2	22.7	0.95	1	1	3.566959
Gravel Truck_serv	BOBJ1	94	214.76	Before	Interior Girder 3	22.7	0.95	1	1	3.498634
Gravel Truck_serv	BOBJ1	94	214.76	Before	Interior Girder 4	22.7	0.95	1	1	3.498634
Gravel Truck_serv	BOBJ1	94	214.76	Before	Interior Girder 5	22.7	0.95	1	1	3.566959
Gravel Truck_serv	BOBJ1	94	214.76	Before	Interior Girder 6	22.7	0.95	1	1	3.826981
Gravel Truck_serv	BOBJ1	94	214.76	Before	Right Exterior Girder	22.7	0.95	1	1	4.499559
Gravel Truck_serv	BOBJ1	95	214.76	After	Left Exterior Girder	22.7	0.95	1	1	4.501277
Gravel Truck_serv	BOBJ1	95	214.76	After	Interior Girder 1	22.7	0.95	1	1	3.812786
Gravel Truck_serv	BOBJ1	95	214.76	After	Interior Girder 2	22.7	0.95	1	1	3.576937
Gravel Truck_serv	BOBJ1	95	214.76	After	Interior Girder 3	22.7	0.95	1	1	3.520903
Gravel Truck_serv	BOBJ1	95	214.76	After	Interior Girder 4	22.7	0.95	1	1	3.520903
Gravel Truck_serv	BOBJ1	95	214.76	After	Interior Girder 5	22.7	0.95	1	1	3.576937
Gravel Truck_serv	BOBJ1	95	214.76	After	Interior Girder 6	22.7	0.95	1	1	3.812786
Gravel Truck_serv	BOBJ1	95	214.76	After	Right Exterior Girder	22.7	0.95	1	1	4.501277
Gravel Truck_serv	BOBJ1	96	220.3767	Before	Left Exterior Girder	28.3167	0.95	1	1	4.158457
Gravel Truck_serv	BOBJ1	96	220.3767	Before	Interior Girder 1	28.3167	0.95	1	1	3.250886
Gravel Truck_serv	BOBJ1	96	220.3767	Before	Interior Girder 2	28.3167	0.95	1	1	3.072624
Gravel Truck_serv	BOBJ1	96	220.3767	Before	Interior Girder 3	28.3167	0.95	1	1	2.989689
Gravel Truck_serv	BOBJ1	96	220.3767	Before	Interior Girder 4	28.3167	0.95	1	1	2.989689
Gravel Truck_serv	BOBJ1	96	220.3767	Before	Interior Girder 5	28.3167	0.95	1	1	3.072624
Gravel Truck_serv	BOBJ1	96	220.3767	Before	Interior Girder 6	28.3167	0.95	1	1	3.250886
Gravel Truck_serv	BOBJ1	96	220.3767	Before	Right Exterior Girder	28.3167	0.95	1	1	4.158457
Gravel Truck_serv	BOBJ1	97	220.3767	After	Left Exterior Girder	28.3167	0.95	1	1	4.18507
Gravel Truck_serv	BOBJ1	97	220.3767	After	Interior Girder 1	28.3167	0.95	1	1	3.240562
Gravel Truck_serv	BOBJ1	97	220.3767	After	Interior Girder 2	28.3167	0.95	1	1	3.06984
Gravel Truck_serv	BOBJ1	97	220.3767	After	Interior Girder 3	28.3167	0.95	1	1	2.998095
Gravel Truck_serv	BOBJ1	97	220.3767	After	Interior Girder 4	28.3167	0.95	1	1	2.998095
Gravel Truck_serv	BOBJ1	97	220.3767	After	Interior Girder 5	28.3167	0.95	1	1	3.06984
Gravel Truck_serv	BOBJ1	97	220.3767	After	Interior Girder 6	28.3167	0.95	1	1	3.240562
Gravel Truck_serv	BOBJ1	97	220.3767	After	Right Exterior Girder	28.3167	0.95	1	1	4.18507
Gravel Truck_serv	BOBJ1	98	225.9933	Before	Left Exterior Girder	33.9333	0.95	1	1	4.013095
Gravel Truck_serv	BOBJ1	98	225.9933	Before	Interior Girder 1	33.9333	0.95	1	1	3.117888
Gravel Truck_serv	BOBJ1	98	225.9933	Before	Interior Girder 2	33.9333	0.95	1	1	2.960067
Gravel Truck_serv	BOBJ1	98	225.9933	Before	Interior Girder 3	33.9333	0.95	1	1	2.888375
Gravel Truck_serv	BOBJ1	98	225.9933	Before	Interior Girder 4	33.9333	0.95	1	1	2.888375
Gravel Truck_serv	BOBJ1	98	225.9933	Before	Interior Girder 5	33.9333	0.95	1	1	2.960067
Gravel Truck_serv	BOBJ1	98	225.9933	Before	Interior Girder 6	33.9333	0.95	1	1	3.117888
Gravel Truck_serv	BOBJ1	98	225.9933	Before	Right Exterior Girder	33.9333	0.95	1	1	4.013095
Gravel Truck_serv	BOBJ1	99	225.9933	After	Left Exterior Girder	33.9333	0.95	1	1	3.989939
Gravel Truck_serv	BOBJ1	99	225.9933	After	Interior Girder 1	33.9333	0.95	1	1	3.131449
Gravel Truck_serv	BOBJ1	99	225.9933	After	Interior Girder 2	33.9333	0.95	1	1	2.962419
Gravel Truck_serv	BOBJ1	99	225.9933	After	Interior Girder 3	33.9333	0.95	1	1	2.881696
Gravel Truck_serv	BOBJ1	99	225.9933	After	Interior Girder 4	33.9333	0.95	1	1	2.881696

TABLE: Bridge Super Rating AASHTORATE18 31 - SteelICompServ-Flx - Approach, Span 12-15										
Request	BridgeObj	BridgeCut	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	Unitless	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Gravel Truck_serv	BOBJ1	99	225.9933	After	Interior Girder 5	33.9333	0.95	1	1	2.962419
Gravel Truck_serv	BOBJ1	99	225.9933	After	Interior Girder 6	33.9333	0.95	1	1	3.131449
Gravel Truck_serv	BOBJ1	99	225.9933	After	Right Exterior Girder	33.9333	0.95	1	1	3.989939
Gravel Truck_serv	BOBJ1	100	231.61	Before	Left Exterior Girder	39.55	0.95	1	1	4.256576
Gravel Truck_serv	BOBJ1	100	231.61	Before	Interior Girder 1	39.55	0.95	1	1	3.465621
Gravel Truck_serv	BOBJ1	100	231.61	Before	Interior Girder 2	39.55	0.95	1	1	3.263509
Gravel Truck_serv	BOBJ1	100	231.61	Before	Interior Girder 3	39.55	0.95	1	1	3.170013
Gravel Truck_serv	BOBJ1	100	231.61	Before	Interior Girder 4	39.55	0.95	1	1	3.170013
Gravel Truck_serv	BOBJ1	100	231.61	Before	Interior Girder 5	39.55	0.95	1	1	3.263509
Gravel Truck_serv	BOBJ1	100	231.61	Before	Interior Girder 6	39.55	0.95	1	1	3.465621
Gravel Truck_serv	BOBJ1	100	231.61	Before	Right Exterior Girder	39.55	0.95	1	1	4.256576
Gravel Truck_serv	BOBJ1	101	231.61	After	Left Exterior Girder	39.55	0.95	1	1	4.247486
Gravel Truck_serv	BOBJ1	101	231.61	After	Interior Girder 1	39.55	0.95	1	1	3.468177
Gravel Truck_serv	BOBJ1	101	231.61	After	Interior Girder 2	39.55	0.95	1	1	3.237795
Gravel Truck_serv	BOBJ1	101	231.61	After	Interior Girder 3	39.55	0.95	1	1	3.131886
Gravel Truck_serv	BOBJ1	101	231.61	After	Interior Girder 4	39.55	0.95	1	1	3.131886
Gravel Truck_serv	BOBJ1	101	231.61	After	Interior Girder 5	39.55	0.95	1	1	3.237795
Gravel Truck_serv	BOBJ1	101	231.61	After	Interior Girder 6	39.55	0.95	1	1	3.468177
Gravel Truck_serv	BOBJ1	101	231.61	After	Right Exterior Girder	39.55	0.95	1	1	4.247486
Gravel Truck_serv	BOBJ1	102	237.37	Before	Left Exterior Girder	45.31	0.95	1	1	5.713191
Gravel Truck_serv	BOBJ1	102	237.37	Before	Interior Girder 1	45.31	0.95	1	1	4.245078
Gravel Truck_serv	BOBJ1	102	237.37	Before	Interior Girder 2	45.31	0.95	1	1	3.998048
Gravel Truck_serv	BOBJ1	102	237.37	Before	Interior Girder 3	45.31	0.95	1	1	3.792672
Gravel Truck_serv	BOBJ1	102	237.37	Before	Interior Girder 4	45.31	0.95	1	1	3.792672
Gravel Truck_serv	BOBJ1	102	237.37	Before	Interior Girder 5	45.31	0.95	1	1	3.998048
Gravel Truck_serv	BOBJ1	102	237.37	Before	Interior Girder 6	45.31	0.95	1	1	4.245078
Gravel Truck_serv	BOBJ1	102	237.37	Before	Right Exterior Girder	45.31	0.95	1	1	5.713191
Gravel Truck_serv	BOBJ1	103	237.37	After	Left Exterior Girder	45.31	0.95	1	1	5.784723
Gravel Truck_serv	BOBJ1	103	237.37	After	Interior Girder 1	45.31	0.95	1	1	4.223062
Gravel Truck_serv	BOBJ1	103	237.37	After	Interior Girder 2	45.31	0.95	1	1	3.924674
Gravel Truck_serv	BOBJ1	103	237.37	After	Interior Girder 3	45.31	0.95	1	1	3.681854
Gravel Truck_serv	BOBJ1	103	237.37	After	Interior Girder 4	45.31	0.95	1	1	3.681854
Gravel Truck_serv	BOBJ1	103	237.37	After	Interior Girder 5	45.31	0.95	1	1	3.924674
Gravel Truck_serv	BOBJ1	103	237.37	After	Interior Girder 6	45.31	0.95	1	1	4.223062
Gravel Truck_serv	BOBJ1	103	237.37	After	Right Exterior Girder	45.31	0.95	1	1	5.784723
Gravel Truck_serv	BOBJ1	104	243.13	Before	Left Exterior Girder	51.07	0.95	1	1	10.331934
Gravel Truck_serv	BOBJ1	104	243.13	Before	Interior Girder 1	51.07	0.95	1	1	7.008859
Gravel Truck_serv	BOBJ1	104	243.13	Before	Interior Girder 2	51.07	0.95	1	1	6.617055
Gravel Truck_serv	BOBJ1	104	243.13	Before	Interior Girder 3	51.07	0.95	1	1	5.941779
Gravel Truck_serv	BOBJ1	104	243.13	Before	Interior Girder 4	51.07	0.95	1	1	5.941779
Gravel Truck_serv	BOBJ1	104	243.13	Before	Interior Girder 5	51.07	0.95	1	1	6.617055
Gravel Truck_serv	BOBJ1	104	243.13	Before	Interior Girder 6	51.07	0.95	1	1	7.008859
Gravel Truck_serv	BOBJ1	104	243.13	Before	Right Exterior Girder	51.07	0.95	1	1	10.331934
Gravel Truck_serv	BOBJ1	105	243.13	After	Left Exterior Girder	51.07	0.95	1	1	10.315305
Gravel Truck_serv	BOBJ1	105	243.13	After	Interior Girder 1	51.07	0.95	1	1	6.918784
Gravel Truck_serv	BOBJ1	105	243.13	After	Interior Girder 2	51.07	0.95	1	1	6.456576
Gravel Truck_serv	BOBJ1	105	243.13	After	Interior Girder 3	51.07	0.95	1	1	5.628745
Gravel Truck_serv	BOBJ1	105	243.13	After	Interior Girder 4	51.07	0.95	1	1	5.628745
Gravel Truck_serv	BOBJ1	105	243.13	After	Interior Girder 5	51.07	0.95	1	1	6.456576
Gravel Truck_serv	BOBJ1	105	243.13	After	Interior Girder 6	51.07	0.95	1	1	6.918784
Gravel Truck_serv	BOBJ1	105	243.13	After	Right Exterior Girder	51.07	0.95	1	1	10.315305
Gravel Truck_serv	BOBJ1	106	248.89	Before	Left Exterior Girder	56.83	0.95	1	1	445.29766
Gravel Truck_serv	BOBJ1	106	248.89	Before	Interior Girder 1	56.83	0.95	1	1	350.303728
Gravel Truck_serv	BOBJ1	106	248.89	Before	Interior Girder 2	56.83	0.95	1	1	220.331934
Gravel Truck_serv	BOBJ1	106	248.89	Before	Interior Girder 3	56.83	0.95	1	1	172.050749
Gravel Truck_serv	BOBJ1	106	248.89	Before	Interior Girder 4	56.83	0.95	1	1	172.050749
Gravel Truck_serv	BOBJ1	106	248.89	Before	Interior Girder 5	56.83	0.95	1	1	220.331934
Gravel Truck_serv	BOBJ1	106	248.89	Before	Interior Girder 6	56.83	0.95	1	1	350.303727
Gravel Truck_serv	BOBJ1	106	248.89	Before	Right Exterior Girder	56.83	0.95	1	1	445.29766
Annual Perm 1_serv	BOBJ1	1	0	After	Left Exterior Girder	0	0.95	1	1	357.615013
Annual Perm 1_serv	BOBJ1	1	0	After	Interior Girder 1	0	0.95	1	1	263.365424
Annual Perm 1_serv	BOBJ1	1	0	After	Interior Girder 2	0	0.95	1	1	190.30699
Annual Perm 1_serv	BOBJ1	1	0	After	Interior Girder 3	0	0.95	1	1	156.118259
Annual Perm 1_serv	BOBJ1	1	0	After	Interior Girder 4	0	0.95	1	1	156.118259
Annual Perm 1_serv	BOBJ1	1	0	After	Interior Girder 5	0	0.95	1	1	190.30699
Annual Perm 1_serv	BOBJ1	1	0	After	Interior Girder 6	0	0.95	1	1	263.365424
Annual Perm 1_serv	BOBJ1	1	0	After	Right Exterior Girder	0	0.95	1	1	357.615012
Annual Perm 1_serv	BOBJ1	2	5.85	Before	Left Exterior Girder	5.85	0.95	1	1	9.562444
Annual Perm 1_serv	BOBJ1	2	5.85	Before	Interior Girder 1	5.85	0.95	1	1	7.289712
Annual Perm 1_serv	BOBJ1	2	5.85	Before	Interior Girder 2	5.85	0.95	1	1	7.064398
Annual Perm 1_serv	BOBJ1	2	5.85	Before	Interior Girder 3	5.85	0.95	1	1	6.101184
Annual Perm 1_serv	BOBJ1	2	5.85	Before	Interior Girder 4	5.85	0.95	1	1	6.101184
Annual Perm 1_serv	BOBJ1	2	5.85	Before	Interior Girder 5	5.85	0.95	1	1	7.064398

TABLE: Bridge Super Rating AASHTORATE18 31 - SteelICompServ-Flx - Approach, Span 12-15										
Request	BridgeObj	BridgeCut	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	Unitless	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Annual Perm 1_serv	BOBJ1	2	5.85	Before	Interior Girder 6	5.85	0.95	1	1	7.289712
Annual Perm 1_serv	BOBJ1	2	5.85	Before	Right Exterior Girder	5.85	0.95	1	1	9.562444
Annual Perm 1_serv	BOBJ1	3	5.85	After	Left Exterior Girder	5.85	0.95	1	1	9.635924
Annual Perm 1_serv	BOBJ1	3	5.85	After	Interior Girder 1	5.85	0.95	1	1	7.29545
Annual Perm 1_serv	BOBJ1	3	5.85	After	Interior Girder 2	5.85	0.95	1	1	7.282155
Annual Perm 1_serv	BOBJ1	3	5.85	After	Interior Girder 3	5.85	0.95	1	1	6.390316
Annual Perm 1_serv	BOBJ1	3	5.85	After	Interior Girder 4	5.85	0.95	1	1	6.390316
Annual Perm 1_serv	BOBJ1	3	5.85	After	Interior Girder 5	5.85	0.95	1	1	7.282155
Annual Perm 1_serv	BOBJ1	3	5.85	After	Interior Girder 6	5.85	0.95	1	1	7.29545
Annual Perm 1_serv	BOBJ1	3	5.85	After	Right Exterior Girder	5.85	0.95	1	1	9.635924
Annual Perm 1_serv	BOBJ1	4	11.4667	Before	Left Exterior Girder	11.4667	0.95	1	1	5.531452
Annual Perm 1_serv	BOBJ1	4	11.4667	Before	Interior Girder 1	11.4667	0.95	1	1	4.249584
Annual Perm 1_serv	BOBJ1	4	11.4667	Before	Interior Girder 2	11.4667	0.95	1	1	4.25086
Annual Perm 1_serv	BOBJ1	4	11.4667	Before	Interior Girder 3	11.4667	0.95	1	1	3.817843
Annual Perm 1_serv	BOBJ1	4	11.4667	Before	Interior Girder 4	11.4667	0.95	1	1	3.817843
Annual Perm 1_serv	BOBJ1	4	11.4667	Before	Interior Girder 5	11.4667	0.95	1	1	4.25086
Annual Perm 1_serv	BOBJ1	4	11.4667	Before	Interior Girder 6	11.4667	0.95	1	1	4.249584
Annual Perm 1_serv	BOBJ1	4	11.4667	Before	Right Exterior Girder	11.4667	0.95	1	1	5.531452
Annual Perm 1_serv	BOBJ1	5	11.4667	After	Left Exterior Girder	11.4667	0.95	1	1	5.58777
Annual Perm 1_serv	BOBJ1	5	11.4667	After	Interior Girder 1	11.4667	0.95	1	1	4.22556
Annual Perm 1_serv	BOBJ1	5	11.4667	After	Interior Girder 2	11.4667	0.95	1	1	4.32477
Annual Perm 1_serv	BOBJ1	5	11.4667	After	Interior Girder 3	11.4667	0.95	1	1	3.920117
Annual Perm 1_serv	BOBJ1	5	11.4667	After	Interior Girder 4	11.4667	0.95	1	1	3.920117
Annual Perm 1_serv	BOBJ1	5	11.4667	After	Interior Girder 5	11.4667	0.95	1	1	4.32477
Annual Perm 1_serv	BOBJ1	5	11.4667	After	Interior Girder 6	11.4667	0.95	1	1	4.22556
Annual Perm 1_serv	BOBJ1	5	11.4667	After	Right Exterior Girder	11.4667	0.95	1	1	5.58777
Annual Perm 1_serv	BOBJ1	6	17.0833	Before	Left Exterior Girder	17.0833	0.95	1	1	4.177959
Annual Perm 1_serv	BOBJ1	6	17.0833	Before	Interior Girder 1	17.0833	0.95	1	1	3.367733
Annual Perm 1_serv	BOBJ1	6	17.0833	Before	Interior Girder 2	17.0833	0.95	1	1	3.477897
Annual Perm 1_serv	BOBJ1	6	17.0833	Before	Interior Girder 3	17.0833	0.95	1	1	3.196269
Annual Perm 1_serv	BOBJ1	6	17.0833	Before	Interior Girder 4	17.0833	0.95	1	1	3.196269
Annual Perm 1_serv	BOBJ1	6	17.0833	Before	Interior Girder 5	17.0833	0.95	1	1	3.477897
Annual Perm 1_serv	BOBJ1	6	17.0833	Before	Interior Girder 6	17.0833	0.95	1	1	3.367733
Annual Perm 1_serv	BOBJ1	6	17.0833	Before	Right Exterior Girder	17.0833	0.95	1	1	4.177959
Annual Perm 1_serv	BOBJ1	7	17.0833	After	Left Exterior Girder	17.0833	0.95	1	1	4.173388
Annual Perm 1_serv	BOBJ1	7	17.0833	After	Interior Girder 1	17.0833	0.95	1	1	3.376971
Annual Perm 1_serv	BOBJ1	7	17.0833	After	Interior Girder 2	17.0833	0.95	1	1	3.531806
Annual Perm 1_serv	BOBJ1	7	17.0833	After	Interior Girder 3	17.0833	0.95	1	1	3.262649
Annual Perm 1_serv	BOBJ1	7	17.0833	After	Interior Girder 4	17.0833	0.95	1	1	3.262649
Annual Perm 1_serv	BOBJ1	7	17.0833	After	Interior Girder 5	17.0833	0.95	1	1	3.531806
Annual Perm 1_serv	BOBJ1	7	17.0833	After	Interior Girder 6	17.0833	0.95	1	1	3.376971
Annual Perm 1_serv	BOBJ1	7	17.0833	After	Right Exterior Girder	17.0833	0.95	1	1	4.173388
Annual Perm 1_serv	BOBJ1	8	22.7	Before	Left Exterior Girder	22.7	0.95	1	1	3.719077
Annual Perm 1_serv	BOBJ1	8	22.7	Before	Interior Girder 1	22.7	0.95	1	1	3.321655
Annual Perm 1_serv	BOBJ1	8	22.7	Before	Interior Girder 2	22.7	0.95	1	1	3.488298
Annual Perm 1_serv	BOBJ1	8	22.7	Before	Interior Girder 3	22.7	0.95	1	1	3.338553
Annual Perm 1_serv	BOBJ1	8	22.7	Before	Interior Girder 4	22.7	0.95	1	1	3.338553
Annual Perm 1_serv	BOBJ1	8	22.7	Before	Interior Girder 5	22.7	0.95	1	1	3.488298
Annual Perm 1_serv	BOBJ1	8	22.7	Before	Interior Girder 6	22.7	0.95	1	1	3.321655
Annual Perm 1_serv	BOBJ1	8	22.7	Before	Right Exterior Girder	22.7	0.95	1	1	3.719077
Annual Perm 1_serv	BOBJ1	9	22.7	After	Left Exterior Girder	22.7	0.95	1	1	3.734513
Annual Perm 1_serv	BOBJ1	9	22.7	After	Interior Girder 1	22.7	0.95	1	1	3.313747
Annual Perm 1_serv	BOBJ1	9	22.7	After	Interior Girder 2	22.7	0.95	1	1	3.490217
Annual Perm 1_serv	BOBJ1	9	22.7	After	Interior Girder 3	22.7	0.95	1	1	3.338025
Annual Perm 1_serv	BOBJ1	9	22.7	After	Interior Girder 4	22.7	0.95	1	1	3.338025
Annual Perm 1_serv	BOBJ1	9	22.7	After	Interior Girder 5	22.7	0.95	1	1	3.490217
Annual Perm 1_serv	BOBJ1	9	22.7	After	Interior Girder 6	22.7	0.95	1	1	3.313747
Annual Perm 1_serv	BOBJ1	9	22.7	After	Right Exterior Girder	22.7	0.95	1	1	3.734513
Annual Perm 1_serv	BOBJ1	10	28.3167	Before	Left Exterior Girder	28.3167	0.95	1	1	4.098475
Annual Perm 1_serv	BOBJ1	10	28.3167	Before	Interior Girder 1	28.3167	0.95	1	1	3.407075
Annual Perm 1_serv	BOBJ1	10	28.3167	Before	Interior Girder 2	28.3167	0.95	1	1	3.54834
Annual Perm 1_serv	BOBJ1	10	28.3167	Before	Interior Girder 3	28.3167	0.95	1	1	3.332572
Annual Perm 1_serv	BOBJ1	10	28.3167	Before	Interior Girder 4	28.3167	0.95	1	1	3.332572
Annual Perm 1_serv	BOBJ1	10	28.3167	Before	Interior Girder 5	28.3167	0.95	1	1	3.54834
Annual Perm 1_serv	BOBJ1	10	28.3167	Before	Interior Girder 6	28.3167	0.95	1	1	3.407075
Annual Perm 1_serv	BOBJ1	10	28.3167	Before	Right Exterior Girder	28.3167	0.95	1	1	4.098475
Annual Perm 1_serv	BOBJ1	11	28.3167	After	Left Exterior Girder	28.3167	0.95	1	1	4.116827
Annual Perm 1_serv	BOBJ1	11	28.3167	After	Interior Girder 1	28.3167	0.95	1	1	3.385125
Annual Perm 1_serv	BOBJ1	11	28.3167	After	Interior Girder 2	28.3167	0.95	1	1	3.520733
Annual Perm 1_serv	BOBJ1	11	28.3167	After	Interior Girder 3	28.3167	0.95	1	1	3.283119
Annual Perm 1_serv	BOBJ1	11	28.3167	After	Interior Girder 4	28.3167	0.95	1	1	3.283119
Annual Perm 1_serv	BOBJ1	11	28.3167	After	Interior Girder 5	28.3167	0.95	1	1	3.520733
Annual Perm 1_serv	BOBJ1	11	28.3167	After	Interior Girder 6	28.3167	0.95	1	1	3.385125

TABLE: Bridge Super Rating AASHTORATE18 31 - SteelICompServ-Flx - Approach, Span 12-15										
Request	BridgeObj	BridgeCut	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	Unitless	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Annual Perm 1_serv	BOBJ1	11	28.3167	After	Right Exterior Girder	28.3167	0.95	1	1	4.116827
Annual Perm 1_serv	BOBJ1	12	33.9333	Before	Left Exterior Girder	33.9333	0.95	1	1	4.838684
Annual Perm 1_serv	BOBJ1	12	33.9333	Before	Interior Girder 1	33.9333	0.95	1	1	3.857252
Annual Perm 1_serv	BOBJ1	12	33.9333	Before	Interior Girder 2	33.9333	0.95	1	1	4.013817
Annual Perm 1_serv	BOBJ1	12	33.9333	Before	Interior Girder 3	33.9333	0.95	1	1	3.772044
Annual Perm 1_serv	BOBJ1	12	33.9333	Before	Interior Girder 4	33.9333	0.95	1	1	3.772044
Annual Perm 1_serv	BOBJ1	12	33.9333	Before	Interior Girder 5	33.9333	0.95	1	1	4.013817
Annual Perm 1_serv	BOBJ1	12	33.9333	Before	Interior Girder 6	33.9333	0.95	1	1	3.857252
Annual Perm 1_serv	BOBJ1	12	33.9333	Before	Right Exterior Girder	33.9333	0.95	1	1	4.838684
Annual Perm 1_serv	BOBJ1	13	33.9333	After	Left Exterior Girder	33.9333	0.95	1	1	4.781873
Annual Perm 1_serv	BOBJ1	13	33.9333	After	Interior Girder 1	33.9333	0.95	1	1	3.880247
Annual Perm 1_serv	BOBJ1	13	33.9333	After	Interior Girder 2	33.9333	0.95	1	1	4.005979
Annual Perm 1_serv	BOBJ1	13	33.9333	After	Interior Girder 3	33.9333	0.95	1	1	3.730365
Annual Perm 1_serv	BOBJ1	13	33.9333	After	Interior Girder 4	33.9333	0.95	1	1	3.730365
Annual Perm 1_serv	BOBJ1	13	33.9333	After	Interior Girder 5	33.9333	0.95	1	1	4.005979
Annual Perm 1_serv	BOBJ1	13	33.9333	After	Interior Girder 6	33.9333	0.95	1	1	3.880247
Annual Perm 1_serv	BOBJ1	13	33.9333	After	Right Exterior Girder	33.9333	0.95	1	1	4.781873
Annual Perm 1_serv	BOBJ1	14	39.55	Before	Left Exterior Girder	39.55	0.95	1	1	6.573249
Annual Perm 1_serv	BOBJ1	14	39.55	Before	Interior Girder 1	39.55	0.95	1	1	5.442746
Annual Perm 1_serv	BOBJ1	14	39.55	Before	Interior Girder 2	39.55	0.95	1	1	5.493029
Annual Perm 1_serv	BOBJ1	14	39.55	Before	Interior Girder 3	39.55	0.95	1	1	5.252549
Annual Perm 1_serv	BOBJ1	14	39.55	Before	Interior Girder 4	39.55	0.95	1	1	5.252549
Annual Perm 1_serv	BOBJ1	14	39.55	Before	Interior Girder 5	39.55	0.95	1	1	5.493029
Annual Perm 1_serv	BOBJ1	14	39.55	Before	Interior Girder 6	39.55	0.95	1	1	5.442746
Annual Perm 1_serv	BOBJ1	14	39.55	Before	Right Exterior Girder	39.55	0.95	1	1	6.573249
Annual Perm 1_serv	BOBJ1	15	39.55	After	Left Exterior Girder	39.55	0.95	1	1	6.570155
Annual Perm 1_serv	BOBJ1	15	39.55	After	Interior Girder 1	39.55	0.95	1	1	5.447074
Annual Perm 1_serv	BOBJ1	15	39.55	After	Interior Girder 2	39.55	0.95	1	1	5.464749
Annual Perm 1_serv	BOBJ1	15	39.55	After	Interior Girder 3	39.55	0.95	1	1	5.119284
Annual Perm 1_serv	BOBJ1	15	39.55	After	Interior Girder 4	39.55	0.95	1	1	5.119284
Annual Perm 1_serv	BOBJ1	15	39.55	After	Interior Girder 5	39.55	0.95	1	1	5.464749
Annual Perm 1_serv	BOBJ1	15	39.55	After	Interior Girder 6	39.55	0.95	1	1	5.447074
Annual Perm 1_serv	BOBJ1	15	39.55	After	Right Exterior Girder	39.55	0.95	1	1	6.570155
Annual Perm 1_serv	BOBJ1	16	45.1733	Before	Left Exterior Girder	45.1226	0.95	1	1	5.188126
Annual Perm 1_serv	BOBJ1	16	45.1733	Before	Interior Girder 1	45.1226	0.95	1	1	5.290787
Annual Perm 1_serv	BOBJ1	16	45.1733	Before	Interior Girder 2	45.1226	0.95	1	1	5.722081
Annual Perm 1_serv	BOBJ1	16	45.1733	Before	Interior Girder 3	45.1226	0.95	1	1	5.726921
Annual Perm 1_serv	BOBJ1	16	45.1733	Before	Interior Girder 4	45.1226	0.95	1	1	5.726921
Annual Perm 1_serv	BOBJ1	16	45.1733	Before	Interior Girder 5	45.1226	0.95	1	1	5.722081
Annual Perm 1_serv	BOBJ1	16	45.1733	Before	Interior Girder 6	45.1226	0.95	1	1	5.290787
Annual Perm 1_serv	BOBJ1	16	45.1733	Before	Right Exterior Girder	45.1226	0.95	1	1	5.188126
Annual Perm 1_serv	BOBJ1	17	45.1733	After	Left Exterior Girder	45.1226	0.95	1	1	4.168128
Annual Perm 1_serv	BOBJ1	17	45.1733	After	Interior Girder 1	45.1226	0.95	1	1	4.239613
Annual Perm 1_serv	BOBJ1	17	45.1733	After	Interior Girder 2	45.1226	0.95	1	1	4.567667
Annual Perm 1_serv	BOBJ1	17	45.1733	After	Interior Girder 3	45.1226	0.95	1	1	4.599536
Annual Perm 1_serv	BOBJ1	17	45.1733	After	Interior Girder 4	45.1226	0.95	1	1	4.599536
Annual Perm 1_serv	BOBJ1	17	45.1733	After	Interior Girder 5	45.1226	0.95	1	1	4.567667
Annual Perm 1_serv	BOBJ1	17	45.1733	After	Interior Girder 6	45.1226	0.95	1	1	4.239613
Annual Perm 1_serv	BOBJ1	17	45.1733	After	Right Exterior Girder	45.1226	0.95	1	1	4.168128
Annual Perm 1_serv	BOBJ1	18	49.2561	Before	Left Exterior Girder	49.2561	0.95	1	1	2.987527
Annual Perm 1_serv	BOBJ1	18	49.2561	Before	Right Exterior Girder	49.2561	0.95	1	1	2.987527
Annual Perm 1_serv	BOBJ1	19	49.2561	After	Left Exterior Girder	49.2561	0.95	1	1	3.052766
Annual Perm 1_serv	BOBJ1	19	49.2561	After	Right Exterior Girder	49.2561	0.95	1	1	3.052766
Annual Perm 1_serv	BOBJ1	20	50.7967	Before	Left Exterior Girder	50.7967	0.95	1	1	5.575683
Annual Perm 1_serv	BOBJ1	20	50.7967	Before	Interior Girder 1	50.7967	0.95	1	1	2.60095
Annual Perm 1_serv	BOBJ1	20	50.7967	Before	Interior Girder 2	50.7967	0.95	1	1	2.657381
Annual Perm 1_serv	BOBJ1	20	50.7967	Before	Interior Girder 3	50.7967	0.95	1	1	2.291853
Annual Perm 1_serv	BOBJ1	20	50.7967	Before	Interior Girder 4	50.7967	0.95	1	1	2.291853
Annual Perm 1_serv	BOBJ1	20	50.7967	Before	Interior Girder 5	50.7967	0.95	1	1	2.657381
Annual Perm 1_serv	BOBJ1	20	50.7967	Before	Interior Girder 6	50.7967	0.95	1	1	2.60095
Annual Perm 1_serv	BOBJ1	20	50.7967	Before	Right Exterior Girder	50.7967	0.95	1	1	5.575683
Annual Perm 1_serv	BOBJ1	21	50.7967	After	Left Exterior Girder	50.7967	0.95	1	1	5.558736
Annual Perm 1_serv	BOBJ1	21	50.7967	After	Interior Girder 1	50.7967	0.95	1	1	2.612109
Annual Perm 1_serv	BOBJ1	21	50.7967	After	Interior Girder 2	50.7967	0.95	1	1	2.696221
Annual Perm 1_serv	BOBJ1	21	50.7967	After	Interior Girder 3	50.7967	0.95	1	1	2.345623
Annual Perm 1_serv	BOBJ1	21	50.7967	After	Interior Girder 4	50.7967	0.95	1	1	2.345623
Annual Perm 1_serv	BOBJ1	21	50.7967	After	Interior Girder 5	50.7967	0.95	1	1	2.696221
Annual Perm 1_serv	BOBJ1	21	50.7967	After	Interior Girder 6	50.7967	0.95	1	1	2.612109
Annual Perm 1_serv	BOBJ1	21	50.7967	After	Right Exterior Girder	50.7967	0.95	1	1	5.558736
Annual Perm 1_serv	BOBJ1	22	51.3989	Before	Interior Girder 1	51.3989	0.95	1	1	2.370435
Annual Perm 1_serv	BOBJ1	22	51.3989	Before	Interior Girder 2	51.3989	0.95	1	1	2.472222
Annual Perm 1_serv	BOBJ1	22	51.3989	Before	Interior Girder 3	51.3989	0.95	1	1	2.133505
Annual Perm 1_serv	BOBJ1	22	51.3989	Before	Interior Girder 4	51.3989	0.95	1	1	2.133505

TABLE: Bridge Super Rating AASHTORATE18 31 - SteelICompServ-Flx - Approach, Span 12-15										
Request	BridgeObj	BridgeCut	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	Unitless	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Annual Perm 1_serv	BOBJ1	22	51.3989	Before	Interior Girder 5	51.3989	0.95	1	1	2.472222
Annual Perm 1_serv	BOBJ1	22	51.3989	Before	Interior Girder 6	51.3989	0.95	1	1	2.370435
Annual Perm 1_serv	BOBJ1	23	51.3989	After	Interior Girder 1	51.3989	0.95	1	1	3.535023
Annual Perm 1_serv	BOBJ1	23	51.3989	After	Interior Girder 2	51.3989	0.95	1	1	3.662591
Annual Perm 1_serv	BOBJ1	23	51.3989	After	Interior Girder 3	51.3989	0.95	1	1	3.20153
Annual Perm 1_serv	BOBJ1	23	51.3989	After	Interior Girder 4	51.3989	0.95	1	1	3.20153
Annual Perm 1_serv	BOBJ1	23	51.3989	After	Interior Girder 5	51.3989	0.95	1	1	3.662591
Annual Perm 1_serv	BOBJ1	23	51.3989	After	Interior Girder 6	51.3989	0.95	1	1	3.535023
Annual Perm 1_serv	BOBJ1	24	56.42	Before	Left Exterior Girder	56.42	0.95	1	1	3.133319
Annual Perm 1_serv	BOBJ1	24	56.42	Before	Interior Girder 1	56.42	0.95	1	1	2.017431
Annual Perm 1_serv	BOBJ1	24	56.42	Before	Interior Girder 2	56.42	0.95	1	1	2.070922
Annual Perm 1_serv	BOBJ1	24	56.42	Before	Interior Girder 3	56.42	0.95	1	1	1.717161
Annual Perm 1_serv	BOBJ1	24	56.42	Before	Interior Girder 4	56.42	0.95	1	1	1.717161
Annual Perm 1_serv	BOBJ1	24	56.42	Before	Interior Girder 5	56.42	0.95	1	1	2.070922
Annual Perm 1_serv	BOBJ1	24	56.42	Before	Interior Girder 6	56.42	0.95	1	1	2.017431
Annual Perm 1_serv	BOBJ1	24	56.42	Before	Right Exterior Girder	56.42	0.95	1	1	3.133319
Annual Perm 1_serv	BOBJ1	25	56.42	After	Left Exterior Girder	0	0.95	1	1	3.103371
Annual Perm 1_serv	BOBJ1	25	56.42	After	Interior Girder 1	0	0.95	1	1	2.002474
Annual Perm 1_serv	BOBJ1	25	56.42	After	Interior Girder 2	0	0.95	1	1	2.056153
Annual Perm 1_serv	BOBJ1	25	56.42	After	Interior Girder 3	0	0.95	1	1	1.697106
Annual Perm 1_serv	BOBJ1	25	56.42	After	Interior Girder 4	0	0.95	1	1	1.697106
Annual Perm 1_serv	BOBJ1	25	56.42	After	Interior Girder 5	0	0.95	1	1	2.056153
Annual Perm 1_serv	BOBJ1	25	56.42	After	Interior Girder 6	0	0.95	1	1	2.002474
Annual Perm 1_serv	BOBJ1	25	56.42	After	Right Exterior Girder	0	0.95	1	1	3.103371
Annual Perm 1_serv	BOBJ1	26	62.0367	Before	Left Exterior Girder	5.6167	0.95	1	1	5.844528
Annual Perm 1_serv	BOBJ1	26	62.0367	Before	Interior Girder 1	5.6167	0.95	1	1	3.766384
Annual Perm 1_serv	BOBJ1	26	62.0367	Before	Interior Girder 2	5.6167	0.95	1	1	3.862389
Annual Perm 1_serv	BOBJ1	26	62.0367	Before	Interior Girder 3	5.6167	0.95	1	1	3.363971
Annual Perm 1_serv	BOBJ1	26	62.0367	Before	Interior Girder 4	5.6167	0.95	1	1	3.363971
Annual Perm 1_serv	BOBJ1	26	62.0367	Before	Interior Girder 5	5.6167	0.95	1	1	3.862389
Annual Perm 1_serv	BOBJ1	26	62.0367	Before	Interior Girder 6	5.6167	0.95	1	1	3.766384
Annual Perm 1_serv	BOBJ1	26	62.0367	Before	Right Exterior Girder	5.6167	0.95	1	1	5.844528
Annual Perm 1_serv	BOBJ1	27	62.0367	After	Left Exterior Girder	5.6167	0.95	1	1	5.684753
Annual Perm 1_serv	BOBJ1	27	62.0367	After	Interior Girder 1	5.6167	0.95	1	1	3.863951
Annual Perm 1_serv	BOBJ1	27	62.0367	After	Interior Girder 2	5.6167	0.95	1	1	3.898235
Annual Perm 1_serv	BOBJ1	27	62.0367	After	Interior Girder 3	5.6167	0.95	1	1	3.379158
Annual Perm 1_serv	BOBJ1	27	62.0367	After	Interior Girder 4	5.6167	0.95	1	1	3.379158
Annual Perm 1_serv	BOBJ1	27	62.0367	After	Interior Girder 5	5.6167	0.95	1	1	3.898235
Annual Perm 1_serv	BOBJ1	27	62.0367	After	Interior Girder 6	5.6167	0.95	1	1	3.863951
Annual Perm 1_serv	BOBJ1	27	62.0367	After	Right Exterior Girder	5.6167	0.95	1	1	5.684753
Annual Perm 1_serv	BOBJ1	28	62.4203	Before	Interior Girder 1	6.0003	0.95	1	1	4.078826
Annual Perm 1_serv	BOBJ1	28	62.4203	Before	Interior Girder 2	6.0003	0.95	1	1	4.081398
Annual Perm 1_serv	BOBJ1	28	62.4203	Before	Interior Girder 3	6.0003	0.95	1	1	3.548594
Annual Perm 1_serv	BOBJ1	28	62.4203	Before	Interior Girder 4	6.0003	0.95	1	1	3.548594
Annual Perm 1_serv	BOBJ1	28	62.4203	Before	Interior Girder 5	6.0003	0.95	1	1	4.081398
Annual Perm 1_serv	BOBJ1	28	62.4203	Before	Interior Girder 6	6.0003	0.95	1	1	4.078826
Annual Perm 1_serv	BOBJ1	29	62.4203	After	Interior Girder 1	6.0003	0.95	1	1	2.74683
Annual Perm 1_serv	BOBJ1	29	62.4203	After	Interior Girder 2	6.0003	0.95	1	1	2.738473
Annual Perm 1_serv	BOBJ1	29	62.4203	After	Interior Girder 3	6.0003	0.95	1	1	2.342949
Annual Perm 1_serv	BOBJ1	29	62.4203	After	Interior Girder 4	6.0003	0.95	1	1	2.342949
Annual Perm 1_serv	BOBJ1	29	62.4203	After	Interior Girder 5	6.0003	0.95	1	1	2.738473
Annual Perm 1_serv	BOBJ1	29	62.4203	After	Interior Girder 6	6.0003	0.95	1	1	2.74683
Annual Perm 1_serv	BOBJ1	30	64.9204	Before	Left Exterior Girder	8.5004	0.95	1	1	8.011255
Annual Perm 1_serv	BOBJ1	30	64.9204	Before	Right Exterior Girder	8.5004	0.95	1	1	8.011255
Annual Perm 1_serv	BOBJ1	31	64.9204	After	Left Exterior Girder	8.5004	0.95	1	1	3.807692
Annual Perm 1_serv	BOBJ1	31	64.9204	After	Right Exterior Girder	8.5004	0.95	1	1	3.807692
Annual Perm 1_serv	BOBJ1	32	67.6533	Before	Left Exterior Girder	11.2333	0.95	1	1	5.154755
Annual Perm 1_serv	BOBJ1	32	67.6533	Before	Interior Girder 1	11.2333	0.95	1	1	5.0197
Annual Perm 1_serv	BOBJ1	32	67.6533	Before	Interior Girder 2	11.2333	0.95	1	1	5.264885
Annual Perm 1_serv	BOBJ1	32	67.6533	Before	Interior Girder 3	11.2333	0.95	1	1	4.982632
Annual Perm 1_serv	BOBJ1	32	67.6533	Before	Interior Girder 4	11.2333	0.95	1	1	4.982632
Annual Perm 1_serv	BOBJ1	32	67.6533	Before	Interior Girder 5	11.2333	0.95	1	1	5.264885
Annual Perm 1_serv	BOBJ1	32	67.6533	Before	Interior Girder 6	11.2333	0.95	1	1	5.0197
Annual Perm 1_serv	BOBJ1	32	67.6533	Before	Right Exterior Girder	11.2333	0.95	1	1	5.154755
Annual Perm 1_serv	BOBJ1	33	67.6533	After	Left Exterior Girder	11.2333	0.95	1	1	5.076026
Annual Perm 1_serv	BOBJ1	33	67.6533	After	Interior Girder 1	11.2333	0.95	1	1	5.023088
Annual Perm 1_serv	BOBJ1	33	67.6533	After	Interior Girder 2	11.2333	0.95	1	1	5.201808
Annual Perm 1_serv	BOBJ1	33	67.6533	After	Interior Girder 3	11.2333	0.95	1	1	4.820609
Annual Perm 1_serv	BOBJ1	33	67.6533	After	Interior Girder 4	11.2333	0.95	1	1	4.820609
Annual Perm 1_serv	BOBJ1	33	67.6533	After	Interior Girder 5	11.2333	0.95	1	1	5.201808
Annual Perm 1_serv	BOBJ1	33	67.6533	After	Interior Girder 6	11.2333	0.95	1	1	5.023088
Annual Perm 1_serv	BOBJ1	33	67.6533	After	Right Exterior Girder	11.2333	0.95	1	1	5.076026
Annual Perm 1_serv	BOBJ1	34	73.27	Before	Left Exterior Girder	16.85	0.95	1	1	6.644205

TABLE: Bridge Super Rating AASHTORATE18 31 - SteelICompServ-Flx - Approach, Span 12-15										
Request	BridgeObj	BridgeCut	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	Unitless	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Annual Perm 1_serv	BOBJ1	34	73.27	Before	Interior Girder 1	16.85	0.95	1	1	5.431942
Annual Perm 1_serv	BOBJ1	34	73.27	Before	Interior Girder 2	16.85	0.95	1	1	5.362373
Annual Perm 1_serv	BOBJ1	34	73.27	Before	Interior Girder 3	16.85	0.95	1	1	4.920508
Annual Perm 1_serv	BOBJ1	34	73.27	Before	Interior Girder 4	16.85	0.95	1	1	4.920508
Annual Perm 1_serv	BOBJ1	34	73.27	Before	Interior Girder 5	16.85	0.95	1	1	5.362373
Annual Perm 1_serv	BOBJ1	34	73.27	Before	Interior Girder 6	16.85	0.95	1	1	5.431942
Annual Perm 1_serv	BOBJ1	34	73.27	Before	Right Exterior Girder	16.85	0.95	1	1	6.644205
Annual Perm 1_serv	BOBJ1	35	73.27	After	Left Exterior Girder	16.85	0.95	1	1	6.75323
Annual Perm 1_serv	BOBJ1	35	73.27	After	Interior Girder 1	16.85	0.95	1	1	5.379246
Annual Perm 1_serv	BOBJ1	35	73.27	After	Interior Girder 2	16.85	0.95	1	1	5.360167
Annual Perm 1_serv	BOBJ1	35	73.27	After	Interior Girder 3	16.85	0.95	1	1	5.00924
Annual Perm 1_serv	BOBJ1	35	73.27	After	Interior Girder 4	16.85	0.95	1	1	5.00924
Annual Perm 1_serv	BOBJ1	35	73.27	After	Interior Girder 5	16.85	0.95	1	1	5.360167
Annual Perm 1_serv	BOBJ1	35	73.27	After	Interior Girder 6	16.85	0.95	1	1	5.379246
Annual Perm 1_serv	BOBJ1	35	73.27	After	Right Exterior Girder	16.85	0.95	1	1	6.75323
Annual Perm 1_serv	BOBJ1	36	78.8867	Before	Left Exterior Girder	22.4667	0.95	1	1	4.554468
Annual Perm 1_serv	BOBJ1	36	78.8867	Before	Interior Girder 1	22.4667	0.95	1	1	3.754112
Annual Perm 1_serv	BOBJ1	36	78.8867	Before	Interior Girder 2	22.4667	0.95	1	1	3.816578
Annual Perm 1_serv	BOBJ1	36	78.8867	Before	Interior Girder 3	22.4667	0.95	1	1	3.537097
Annual Perm 1_serv	BOBJ1	36	78.8867	Before	Interior Girder 4	22.4667	0.95	1	1	3.537097
Annual Perm 1_serv	BOBJ1	36	78.8867	Before	Interior Girder 5	22.4667	0.95	1	1	3.816578
Annual Perm 1_serv	BOBJ1	36	78.8867	Before	Interior Girder 6	22.4667	0.95	1	1	3.754112
Annual Perm 1_serv	BOBJ1	36	78.8867	Before	Right Exterior Girder	22.4667	0.95	1	1	4.554468
Annual Perm 1_serv	BOBJ1	37	78.8867	After	Left Exterior Girder	22.4667	0.95	1	1	4.635551
Annual Perm 1_serv	BOBJ1	37	78.8867	After	Interior Girder 1	22.4667	0.95	1	1	3.719963
Annual Perm 1_serv	BOBJ1	37	78.8867	After	Interior Girder 2	22.4667	0.95	1	1	3.803596
Annual Perm 1_serv	BOBJ1	37	78.8867	After	Interior Girder 3	22.4667	0.95	1	1	3.562235
Annual Perm 1_serv	BOBJ1	37	78.8867	After	Interior Girder 4	22.4667	0.95	1	1	3.562235
Annual Perm 1_serv	BOBJ1	37	78.8867	After	Interior Girder 5	22.4667	0.95	1	1	3.803596
Annual Perm 1_serv	BOBJ1	37	78.8867	After	Interior Girder 6	22.4667	0.95	1	1	3.719963
Annual Perm 1_serv	BOBJ1	37	78.8867	After	Right Exterior Girder	22.4667	0.95	1	1	4.635551
Annual Perm 1_serv	BOBJ1	38	84.5033	Before	Left Exterior Girder	28.0833	0.95	1	1	3.681293
Annual Perm 1_serv	BOBJ1	38	84.5033	Before	Interior Girder 1	28.0833	0.95	1	1	3.14561
Annual Perm 1_serv	BOBJ1	38	84.5033	Before	Interior Girder 2	28.0833	0.95	1	1	3.285639
Annual Perm 1_serv	BOBJ1	38	84.5033	Before	Interior Girder 3	28.0833	0.95	1	1	3.090715
Annual Perm 1_serv	BOBJ1	38	84.5033	Before	Interior Girder 4	28.0833	0.95	1	1	3.090715
Annual Perm 1_serv	BOBJ1	38	84.5033	Before	Interior Girder 5	28.0833	0.95	1	1	3.285639
Annual Perm 1_serv	BOBJ1	38	84.5033	Before	Interior Girder 6	28.0833	0.95	1	1	3.14561
Annual Perm 1_serv	BOBJ1	38	84.5033	Before	Right Exterior Girder	28.0833	0.95	1	1	3.681293
Annual Perm 1_serv	BOBJ1	39	84.5033	After	Left Exterior Girder	28.0833	0.95	1	1	3.683976
Annual Perm 1_serv	BOBJ1	39	84.5033	After	Interior Girder 1	28.0833	0.95	1	1	3.158076
Annual Perm 1_serv	BOBJ1	39	84.5033	After	Interior Girder 2	28.0833	0.95	1	1	3.304058
Annual Perm 1_serv	BOBJ1	39	84.5033	After	Interior Girder 3	28.0833	0.95	1	1	3.120567
Annual Perm 1_serv	BOBJ1	39	84.5033	After	Interior Girder 4	28.0833	0.95	1	1	3.120567
Annual Perm 1_serv	BOBJ1	39	84.5033	After	Interior Girder 5	28.0833	0.95	1	1	3.304058
Annual Perm 1_serv	BOBJ1	39	84.5033	After	Interior Girder 6	28.0833	0.95	1	1	3.158076
Annual Perm 1_serv	BOBJ1	39	84.5033	After	Right Exterior Girder	28.0833	0.95	1	1	3.683976
Annual Perm 1_serv	BOBJ1	40	90.12	Before	Left Exterior Girder	33.7	0.95	1	1	3.335312
Annual Perm 1_serv	BOBJ1	40	90.12	Before	Interior Girder 1	33.7	0.95	1	1	3.158872
Annual Perm 1_serv	BOBJ1	40	90.12	Before	Interior Girder 2	33.7	0.95	1	1	3.305336
Annual Perm 1_serv	BOBJ1	40	90.12	Before	Interior Girder 3	33.7	0.95	1	1	3.210298
Annual Perm 1_serv	BOBJ1	40	90.12	Before	Interior Girder 4	33.7	0.95	1	1	3.210298
Annual Perm 1_serv	BOBJ1	40	90.12	Before	Interior Girder 5	33.7	0.95	1	1	3.305336
Annual Perm 1_serv	BOBJ1	40	90.12	Before	Interior Girder 6	33.7	0.95	1	1	3.158872
Annual Perm 1_serv	BOBJ1	40	90.12	Before	Right Exterior Girder	33.7	0.95	1	1	3.335312
Annual Perm 1_serv	BOBJ1	41	90.12	After	Left Exterior Girder	33.7	0.95	1	1	3.348559
Annual Perm 1_serv	BOBJ1	41	90.12	After	Interior Girder 1	33.7	0.95	1	1	3.15267
Annual Perm 1_serv	BOBJ1	41	90.12	After	Interior Girder 2	33.7	0.95	1	1	3.297338
Annual Perm 1_serv	BOBJ1	41	90.12	After	Interior Girder 3	33.7	0.95	1	1	3.196442
Annual Perm 1_serv	BOBJ1	41	90.12	After	Interior Girder 4	33.7	0.95	1	1	3.196442
Annual Perm 1_serv	BOBJ1	41	90.12	After	Interior Girder 5	33.7	0.95	1	1	3.297338
Annual Perm 1_serv	BOBJ1	41	90.12	After	Interior Girder 6	33.7	0.95	1	1	3.15267
Annual Perm 1_serv	BOBJ1	41	90.12	After	Right Exterior Girder	33.7	0.95	1	1	3.348559
Annual Perm 1_serv	BOBJ1	42	95.7367	Before	Left Exterior Girder	39.3167	0.95	1	1	3.652288
Annual Perm 1_serv	BOBJ1	42	95.7367	Before	Interior Girder 1	39.3167	0.95	1	1	3.137178
Annual Perm 1_serv	BOBJ1	42	95.7367	Before	Interior Girder 2	39.3167	0.95	1	1	3.283421
Annual Perm 1_serv	BOBJ1	42	95.7367	Before	Interior Girder 3	39.3167	0.95	1	1	3.103598
Annual Perm 1_serv	BOBJ1	42	95.7367	Before	Interior Girder 4	39.3167	0.95	1	1	3.103598
Annual Perm 1_serv	BOBJ1	42	95.7367	Before	Interior Girder 5	39.3167	0.95	1	1	3.283421
Annual Perm 1_serv	BOBJ1	42	95.7367	Before	Interior Girder 6	39.3167	0.95	1	1	3.137178
Annual Perm 1_serv	BOBJ1	42	95.7367	Before	Right Exterior Girder	39.3167	0.95	1	1	3.652288
Annual Perm 1_serv	BOBJ1	43	95.7367	After	Left Exterior Girder	39.3167	0.95	1	1	3.651562
Annual Perm 1_serv	BOBJ1	43	95.7367	After	Interior Girder 1	39.3167	0.95	1	1	3.123416

TABLE: Bridge Super Rating AASHTORATE18 31 - SteelCompServ-Flx - Approach, Span 12-15										
Request	BridgeObj	BridgeCut	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	Unitless	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Annual Perm 1_serv	BOBJ1	43	95.7367	After	Interior Girder 2	39.3167	0.95	1	1	3.265033
Annual Perm 1_serv	BOBJ1	43	95.7367	After	Interior Girder 3	39.3167	0.95	1	1	3.074825
Annual Perm 1_serv	BOBJ1	43	95.7367	After	Interior Girder 4	39.3167	0.95	1	1	3.074825
Annual Perm 1_serv	BOBJ1	43	95.7367	After	Interior Girder 5	39.3167	0.95	1	1	3.265033
Annual Perm 1_serv	BOBJ1	43	95.7367	After	Interior Girder 6	39.3167	0.95	1	1	3.123416
Annual Perm 1_serv	BOBJ1	43	95.7367	After	Right Exterior Girder	39.3167	0.95	1	1	3.651562
Annual Perm 1_serv	BOBJ1	44	101.3533	Before	Left Exterior Girder	44.9333	0.95	1	1	4.52221
Annual Perm 1_serv	BOBJ1	44	101.3533	Before	Interior Girder 1	44.9333	0.95	1	1	3.670258
Annual Perm 1_serv	BOBJ1	44	101.3533	Before	Interior Girder 2	44.9333	0.95	1	1	3.765297
Annual Perm 1_serv	BOBJ1	44	101.3533	Before	Interior Girder 3	44.9333	0.95	1	1	3.540712
Annual Perm 1_serv	BOBJ1	44	101.3533	Before	Interior Girder 4	44.9333	0.95	1	1	3.540712
Annual Perm 1_serv	BOBJ1	44	101.3533	Before	Interior Girder 5	44.9333	0.95	1	1	3.765297
Annual Perm 1_serv	BOBJ1	44	101.3533	Before	Interior Girder 6	44.9333	0.95	1	1	3.670258
Annual Perm 1_serv	BOBJ1	44	101.3533	Before	Right Exterior Girder	44.9333	0.95	1	1	4.52221
Annual Perm 1_serv	BOBJ1	45	101.3533	After	Left Exterior Girder	44.9333	0.95	1	1	4.445813
Annual Perm 1_serv	BOBJ1	45	101.3533	After	Interior Girder 1	44.9333	0.95	1	1	3.702296
Annual Perm 1_serv	BOBJ1	45	101.3533	After	Interior Girder 2	44.9333	0.95	1	1	3.779385
Annual Perm 1_serv	BOBJ1	45	101.3533	After	Interior Girder 3	44.9333	0.95	1	1	3.517497
Annual Perm 1_serv	BOBJ1	45	101.3533	After	Interior Girder 4	44.9333	0.95	1	1	3.517497
Annual Perm 1_serv	BOBJ1	45	101.3533	After	Interior Girder 5	44.9333	0.95	1	1	3.779385
Annual Perm 1_serv	BOBJ1	45	101.3533	After	Interior Girder 6	44.9333	0.95	1	1	3.702296
Annual Perm 1_serv	BOBJ1	45	101.3533	After	Right Exterior Girder	44.9333	0.95	1	1	4.445813
Annual Perm 1_serv	BOBJ1	46	106.97	Before	Left Exterior Girder	50.55	0.95	1	1	5.739662
Annual Perm 1_serv	BOBJ1	46	106.97	Before	Interior Girder 1	50.55	0.95	1	1	5.26542
Annual Perm 1_serv	BOBJ1	46	106.97	Before	Interior Girder 2	50.55	0.95	1	1	5.251632
Annual Perm 1_serv	BOBJ1	46	106.97	Before	Interior Girder 3	50.55	0.95	1	1	4.969333
Annual Perm 1_serv	BOBJ1	46	106.97	Before	Interior Girder 4	50.55	0.95	1	1	4.969333
Annual Perm 1_serv	BOBJ1	46	106.97	Before	Interior Girder 5	50.55	0.95	1	1	5.251632
Annual Perm 1_serv	BOBJ1	46	106.97	Before	Interior Girder 6	50.55	0.95	1	1	5.26542
Annual Perm 1_serv	BOBJ1	46	106.97	Before	Right Exterior Girder	50.55	0.95	1	1	5.739662
Annual Perm 1_serv	BOBJ1	47	106.97	After	Left Exterior Girder	50.55	0.95	1	1	5.778828
Annual Perm 1_serv	BOBJ1	47	106.97	After	Interior Girder 1	50.55	0.95	1	1	5.278911
Annual Perm 1_serv	BOBJ1	47	106.97	After	Interior Girder 2	50.55	0.95	1	1	5.230352
Annual Perm 1_serv	BOBJ1	47	106.97	After	Interior Girder 3	50.55	0.95	1	1	4.838105
Annual Perm 1_serv	BOBJ1	47	106.97	After	Interior Girder 4	50.55	0.95	1	1	4.838105
Annual Perm 1_serv	BOBJ1	47	106.97	After	Interior Girder 5	50.55	0.95	1	1	5.230352
Annual Perm 1_serv	BOBJ1	47	106.97	After	Interior Girder 6	50.55	0.95	1	1	5.278911
Annual Perm 1_serv	BOBJ1	47	106.97	After	Right Exterior Girder	50.55	0.95	1	1	5.778828
Annual Perm 1_serv	BOBJ1	48	112.5933	Before	Left Exterior Girder	56.1733	0.95	1	1	4.248177
Annual Perm 1_serv	BOBJ1	48	112.5933	Before	Interior Girder 1	56.1733	0.95	1	1	4.348743
Annual Perm 1_serv	BOBJ1	48	112.5933	Before	Interior Girder 2	56.1733	0.95	1	1	4.640716
Annual Perm 1_serv	BOBJ1	48	112.5933	Before	Interior Girder 3	56.1733	0.95	1	1	4.485788
Annual Perm 1_serv	BOBJ1	48	112.5933	Before	Interior Girder 4	56.1733	0.95	1	1	4.485788
Annual Perm 1_serv	BOBJ1	48	112.5933	Before	Interior Girder 5	56.1733	0.95	1	1	4.640716
Annual Perm 1_serv	BOBJ1	48	112.5933	Before	Interior Girder 6	56.1733	0.95	1	1	4.348743
Annual Perm 1_serv	BOBJ1	48	112.5933	Before	Right Exterior Girder	56.1733	0.95	1	1	4.248177
Annual Perm 1_serv	BOBJ1	49	112.5933	After	Left Exterior Girder	56.1733	0.95	1	1	4.287822
Annual Perm 1_serv	BOBJ1	49	112.5933	After	Interior Girder 1	56.1733	0.95	1	1	4.341815
Annual Perm 1_serv	BOBJ1	49	112.5933	After	Interior Girder 2	56.1733	0.95	1	1	4.644517
Annual Perm 1_serv	BOBJ1	49	112.5933	After	Interior Girder 3	56.1733	0.95	1	1	4.578894
Annual Perm 1_serv	BOBJ1	49	112.5933	After	Interior Girder 4	56.1733	0.95	1	1	4.578894
Annual Perm 1_serv	BOBJ1	49	112.5933	After	Interior Girder 5	56.1733	0.95	1	1	4.644517
Annual Perm 1_serv	BOBJ1	49	112.5933	After	Interior Girder 6	56.1733	0.95	1	1	4.341815
Annual Perm 1_serv	BOBJ1	49	112.5933	After	Right Exterior Girder	56.1733	0.95	1	1	4.287822
Annual Perm 1_serv	BOBJ1	50	115.3396	Before	Left Exterior Girder	58.9196	0.95	1	1	3.34786
Annual Perm 1_serv	BOBJ1	50	115.3396	Before	Right Exterior Girder	58.9196	0.95	1	1	3.34786
Annual Perm 1_serv	BOBJ1	51	115.3396	After	Left Exterior Girder	58.9196	0.95	1	1	7.18282
Annual Perm 1_serv	BOBJ1	51	115.3396	After	Right Exterior Girder	58.9196	0.95	1	1	7.18282
Annual Perm 1_serv	BOBJ1	52	118.2167	Before	Left Exterior Girder	61.7967	0.95	1	1	5.328496
Annual Perm 1_serv	BOBJ1	52	118.2167	Before	Interior Girder 1	61.9198	0.95	1	1	2.400015
Annual Perm 1_serv	BOBJ1	52	118.2167	Before	Interior Girder 2	61.9198	0.95	1	1	2.481936
Annual Perm 1_serv	BOBJ1	52	118.2167	Before	Interior Girder 3	61.9198	0.95	1	1	2.134143
Annual Perm 1_serv	BOBJ1	52	118.2167	Before	Interior Girder 4	61.9198	0.95	1	1	2.134143
Annual Perm 1_serv	BOBJ1	52	118.2167	Before	Interior Girder 5	61.9198	0.95	1	1	2.481936
Annual Perm 1_serv	BOBJ1	52	118.2167	Before	Interior Girder 6	61.9198	0.95	1	1	2.400015
Annual Perm 1_serv	BOBJ1	52	118.2167	Before	Right Exterior Girder	61.7967	0.95	1	1	5.328496
Annual Perm 1_serv	BOBJ1	53	118.2167	After	Left Exterior Girder	61.7967	0.95	1	1	5.360232
Annual Perm 1_serv	BOBJ1	53	118.2167	After	Interior Girder 1	61.9198	0.95	1	1	3.581391
Annual Perm 1_serv	BOBJ1	53	118.2167	After	Interior Girder 2	61.9198	0.95	1	1	3.702855
Annual Perm 1_serv	BOBJ1	53	118.2167	After	Interior Girder 3	61.9198	0.95	1	1	3.250374
Annual Perm 1_serv	BOBJ1	53	118.2167	After	Interior Girder 4	61.9198	0.95	1	1	3.250374
Annual Perm 1_serv	BOBJ1	53	118.2167	After	Interior Girder 5	61.9198	0.95	1	1	3.702855
Annual Perm 1_serv	BOBJ1	53	118.2167	After	Interior Girder 6	61.9198	0.95	1	1	3.581391

TABLE: Bridge Super Rating AASHTORATE18 31 - SteelCompServ-Flx - Approach, Span 12-15										
Request	BridgeObj	BridgeCut	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	Unitless	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Annual Perm 1_serv	BOBJ1	53	118.2167	After	Right Exterior Girder	61.7967	0.95	1	1	5.360232
Annual Perm 1_serv	BOBJ1	54	123.84	Before	Left Exterior Girder	67.42	0.95	1	1	2.984992
Annual Perm 1_serv	BOBJ1	54	123.84	Before	Interior Girder 1	67.42	0.95	1	1	1.940359
Annual Perm 1_serv	BOBJ1	54	123.84	Before	Interior Girder 2	67.42	0.95	1	1	1.989572
Annual Perm 1_serv	BOBJ1	54	123.84	Before	Interior Girder 3	67.42	0.95	1	1	1.650194
Annual Perm 1_serv	BOBJ1	54	123.84	Before	Interior Girder 4	67.42	0.95	1	1	1.650194
Annual Perm 1_serv	BOBJ1	54	123.84	Before	Interior Girder 5	67.42	0.95	1	1	1.989572
Annual Perm 1_serv	BOBJ1	54	123.84	Before	Interior Girder 6	67.42	0.95	1	1	1.940359
Annual Perm 1_serv	BOBJ1	54	123.84	Before	Right Exterior Girder	67.42	0.95	1	1	2.984992
Annual Perm 1_serv	BOBJ1	55	123.84	After	Left Exterior Girder	0	0.95	1	1	2.964094
Annual Perm 1_serv	BOBJ1	55	123.84	After	Interior Girder 1	0	0.95	1	1	1.960951
Annual Perm 1_serv	BOBJ1	55	123.84	After	Interior Girder 2	0	0.95	1	1	2.007945
Annual Perm 1_serv	BOBJ1	55	123.84	After	Interior Girder 3	0	0.95	1	1	1.662188
Annual Perm 1_serv	BOBJ1	55	123.84	After	Interior Girder 4	0	0.95	1	1	1.662188
Annual Perm 1_serv	BOBJ1	55	123.84	After	Interior Girder 5	0	0.95	1	1	2.007945
Annual Perm 1_serv	BOBJ1	55	123.84	After	Interior Girder 6	0	0.95	1	1	1.960951
Annual Perm 1_serv	BOBJ1	55	123.84	After	Right Exterior Girder	0	0.95	1	1	2.964094
Annual Perm 1_serv	BOBJ1	56	129.34	Before	Interior Girder 1	5.5	0.95	1	1	3.501063
Annual Perm 1_serv	BOBJ1	56	129.34	Before	Interior Girder 2	5.5	0.95	1	1	3.613829
Annual Perm 1_serv	BOBJ1	56	129.34	Before	Interior Girder 3	5.5	0.95	1	1	3.173838
Annual Perm 1_serv	BOBJ1	56	129.34	Before	Interior Girder 4	5.5	0.95	1	1	3.173838
Annual Perm 1_serv	BOBJ1	56	129.34	Before	Interior Girder 5	5.5	0.95	1	1	3.613829
Annual Perm 1_serv	BOBJ1	56	129.34	Before	Interior Girder 6	5.5	0.95	1	1	3.501063
Annual Perm 1_serv	BOBJ1	57	129.34	After	Interior Girder 1	5.5	0.95	1	1	2.344802
Annual Perm 1_serv	BOBJ1	57	129.34	After	Interior Girder 2	5.5	0.95	1	1	2.440677
Annual Perm 1_serv	BOBJ1	57	129.34	After	Interior Girder 3	5.5	0.95	1	1	2.112493
Annual Perm 1_serv	BOBJ1	57	129.34	After	Interior Girder 4	5.5	0.95	1	1	2.112493
Annual Perm 1_serv	BOBJ1	57	129.34	After	Interior Girder 5	5.5	0.95	1	1	2.440677
Annual Perm 1_serv	BOBJ1	57	129.34	After	Interior Girder 6	5.5	0.95	1	1	2.344802
Annual Perm 1_serv	BOBJ1	58	130.79	Before	Left Exterior Girder	6.95	0.95	1	1	6.136513
Annual Perm 1_serv	BOBJ1	58	130.79	Before	Interior Girder 1	6.95	0.95	1	1	2.89795
Annual Perm 1_serv	BOBJ1	58	130.79	Before	Interior Girder 2	6.95	0.95	1	1	2.955507
Annual Perm 1_serv	BOBJ1	58	130.79	Before	Interior Girder 3	6.95	0.95	1	1	2.608128
Annual Perm 1_serv	BOBJ1	58	130.79	Before	Interior Girder 4	6.95	0.95	1	1	2.608128
Annual Perm 1_serv	BOBJ1	58	130.79	Before	Interior Girder 5	6.95	0.95	1	1	2.955507
Annual Perm 1_serv	BOBJ1	58	130.79	Before	Interior Girder 6	6.95	0.95	1	1	2.89795
Annual Perm 1_serv	BOBJ1	58	130.79	Before	Right Exterior Girder	6.95	0.95	1	1	6.136513
Annual Perm 1_serv	BOBJ1	59	130.79	After	Left Exterior Girder	6.95	0.95	1	1	6.180471
Annual Perm 1_serv	BOBJ1	59	130.79	After	Interior Girder 1	6.95	0.95	1	1	2.857185
Annual Perm 1_serv	BOBJ1	59	130.79	After	Interior Girder 2	6.95	0.95	1	1	2.888085
Annual Perm 1_serv	BOBJ1	59	130.79	After	Interior Girder 3	6.95	0.95	1	1	2.522362
Annual Perm 1_serv	BOBJ1	59	130.79	After	Interior Girder 4	6.95	0.95	1	1	2.522362
Annual Perm 1_serv	BOBJ1	59	130.79	After	Interior Girder 5	6.95	0.95	1	1	2.888085
Annual Perm 1_serv	BOBJ1	59	130.79	After	Interior Girder 6	6.95	0.95	1	1	2.857185
Annual Perm 1_serv	BOBJ1	59	130.79	After	Right Exterior Girder	6.95	0.95	1	1	6.180471
Annual Perm 1_serv	BOBJ1	60	132.34	Before	Left Exterior Girder	8.5	0.95	1	1	7.356035
Annual Perm 1_serv	BOBJ1	60	132.34	Before	Right Exterior Girder	8.5	0.95	1	1	7.356035
Annual Perm 1_serv	BOBJ1	61	132.34	After	Left Exterior Girder	8.5	0.95	1	1	3.34997
Annual Perm 1_serv	BOBJ1	61	132.34	After	Right Exterior Girder	8.5	0.95	1	1	3.34997
Annual Perm 1_serv	BOBJ1	62	137.74	Before	Left Exterior Girder	13.9	0.95	1	1	5.04817
Annual Perm 1_serv	BOBJ1	62	137.74	Before	Interior Girder 1	13.9	0.95	1	1	5.126174
Annual Perm 1_serv	BOBJ1	62	137.74	Before	Interior Girder 2	13.9	0.95	1	1	5.544802
Annual Perm 1_serv	BOBJ1	62	137.74	Before	Interior Girder 3	13.9	0.95	1	1	5.79466
Annual Perm 1_serv	BOBJ1	62	137.74	Before	Interior Girder 4	13.9	0.95	1	1	5.79466
Annual Perm 1_serv	BOBJ1	62	137.74	Before	Interior Girder 5	13.9	0.95	1	1	5.544802
Annual Perm 1_serv	BOBJ1	62	137.74	Before	Interior Girder 6	13.9	0.95	1	1	5.126174
Annual Perm 1_serv	BOBJ1	62	137.74	Before	Right Exterior Girder	13.9	0.95	1	1	5.04817
Annual Perm 1_serv	BOBJ1	63	137.74	After	Left Exterior Girder	13.9	0.95	1	1	5.009091
Annual Perm 1_serv	BOBJ1	63	137.74	After	Interior Girder 1	13.9	0.95	1	1	5.16459
Annual Perm 1_serv	BOBJ1	63	137.74	After	Interior Girder 2	13.9	0.95	1	1	5.571325
Annual Perm 1_serv	BOBJ1	63	137.74	After	Interior Girder 3	13.9	0.95	1	1	5.769858
Annual Perm 1_serv	BOBJ1	63	137.74	After	Interior Girder 4	13.9	0.95	1	1	5.769858
Annual Perm 1_serv	BOBJ1	63	137.74	After	Interior Girder 5	13.9	0.95	1	1	5.571325
Annual Perm 1_serv	BOBJ1	63	137.74	After	Interior Girder 6	13.9	0.95	1	1	5.16459
Annual Perm 1_serv	BOBJ1	63	137.74	After	Right Exterior Girder	13.9	0.95	1	1	5.009091
Annual Perm 1_serv	BOBJ1	64	143.7733	Before	Left Exterior Girder	19.9333	0.95	1	1	5.268417
Annual Perm 1_serv	BOBJ1	64	143.7733	Before	Interior Girder 1	19.9333	0.95	1	1	4.10471
Annual Perm 1_serv	BOBJ1	64	143.7733	Before	Interior Girder 2	19.9333	0.95	1	1	4.118611
Annual Perm 1_serv	BOBJ1	64	143.7733	Before	Interior Girder 3	19.9333	0.95	1	1	3.790191
Annual Perm 1_serv	BOBJ1	64	143.7733	Before	Interior Girder 4	19.9333	0.95	1	1	3.790191
Annual Perm 1_serv	BOBJ1	64	143.7733	Before	Interior Girder 5	19.9333	0.95	1	1	4.118611
Annual Perm 1_serv	BOBJ1	64	143.7733	Before	Interior Girder 6	19.9333	0.95	1	1	4.10471
Annual Perm 1_serv	BOBJ1	64	143.7733	Before	Right Exterior Girder	19.9333	0.95	1	1	5.268417

TABLE: Bridge Super Rating AASHTORATE18 31 - SteelICompServ-Flx - Approach, Span 12-15										
Request	BridgeObj	BridgeCut	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	Unitless	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Annual Perm 1_serv	BOBJ1	65	143.7733	After	Left Exterior Girder	19.9333	0.95	1	1	5.37644
Annual Perm 1_serv	BOBJ1	65	143.7733	After	Interior Girder 1	19.9333	0.95	1	1	4.06178
Annual Perm 1_serv	BOBJ1	65	143.7733	After	Interior Girder 2	19.9333	0.95	1	1	4.113263
Annual Perm 1_serv	BOBJ1	65	143.7733	After	Interior Girder 3	19.9333	0.95	1	1	3.838096
Annual Perm 1_serv	BOBJ1	65	143.7733	After	Interior Girder 4	19.9333	0.95	1	1	3.838096
Annual Perm 1_serv	BOBJ1	65	143.7733	After	Interior Girder 5	19.9333	0.95	1	1	4.113263
Annual Perm 1_serv	BOBJ1	65	143.7733	After	Interior Girder 6	19.9333	0.95	1	1	4.06178
Annual Perm 1_serv	BOBJ1	65	143.7733	After	Right Exterior Girder	19.9333	0.95	1	1	5.37644
Annual Perm 1_serv	BOBJ1	66	149.8067	Before	Left Exterior Girder	25.9667	0.95	1	1	3.874184
Annual Perm 1_serv	BOBJ1	66	149.8067	Before	Interior Girder 1	25.9667	0.95	1	1	3.231029
Annual Perm 1_serv	BOBJ1	66	149.8067	Before	Interior Girder 2	25.9667	0.95	1	1	3.354224
Annual Perm 1_serv	BOBJ1	66	149.8067	Before	Interior Girder 3	25.9667	0.95	1	1	3.121634
Annual Perm 1_serv	BOBJ1	66	149.8067	Before	Interior Girder 4	25.9667	0.95	1	1	3.121634
Annual Perm 1_serv	BOBJ1	66	149.8067	Before	Interior Girder 5	25.9667	0.95	1	1	3.354224
Annual Perm 1_serv	BOBJ1	66	149.8067	Before	Interior Girder 6	25.9667	0.95	1	1	3.231029
Annual Perm 1_serv	BOBJ1	66	149.8067	Before	Right Exterior Girder	25.9667	0.95	1	1	3.874184
Annual Perm 1_serv	BOBJ1	67	149.8067	After	Left Exterior Girder	25.9667	0.95	1	1	3.877371
Annual Perm 1_serv	BOBJ1	67	149.8067	After	Interior Girder 1	25.9667	0.95	1	1	3.235659
Annual Perm 1_serv	BOBJ1	67	149.8067	After	Interior Girder 2	25.9667	0.95	1	1	3.36699
Annual Perm 1_serv	BOBJ1	67	149.8067	After	Interior Girder 3	25.9667	0.95	1	1	3.16009
Annual Perm 1_serv	BOBJ1	67	149.8067	After	Interior Girder 4	25.9667	0.95	1	1	3.16009
Annual Perm 1_serv	BOBJ1	67	149.8067	After	Interior Girder 5	25.9667	0.95	1	1	3.36699
Annual Perm 1_serv	BOBJ1	67	149.8067	After	Interior Girder 6	25.9667	0.95	1	1	3.235659
Annual Perm 1_serv	BOBJ1	67	149.8067	After	Right Exterior Girder	25.9667	0.95	1	1	3.877371
Annual Perm 1_serv	BOBJ1	68	155.84	Before	Left Exterior Girder	32	0.95	1	1	3.295169
Annual Perm 1_serv	BOBJ1	68	155.84	Before	Interior Girder 1	32	0.95	1	1	3.115753
Annual Perm 1_serv	BOBJ1	68	155.84	Before	Interior Girder 2	32	0.95	1	1	3.25835
Annual Perm 1_serv	BOBJ1	68	155.84	Before	Interior Girder 3	32	0.95	1	1	3.16584
Annual Perm 1_serv	BOBJ1	68	155.84	Before	Interior Girder 4	32	0.95	1	1	3.16584
Annual Perm 1_serv	BOBJ1	68	155.84	Before	Interior Girder 5	32	0.95	1	1	3.25835
Annual Perm 1_serv	BOBJ1	68	155.84	Before	Interior Girder 6	32	0.95	1	1	3.115753
Annual Perm 1_serv	BOBJ1	68	155.84	Before	Right Exterior Girder	32	0.95	1	1	3.295169
Annual Perm 1_serv	BOBJ1	69	155.84	After	Left Exterior Girder	32	0.95	1	1	3.314544
Annual Perm 1_serv	BOBJ1	69	155.84	After	Interior Girder 1	32	0.95	1	1	3.107167
Annual Perm 1_serv	BOBJ1	69	155.84	After	Interior Girder 2	32	0.95	1	1	3.245653
Annual Perm 1_serv	BOBJ1	69	155.84	After	Interior Girder 3	32	0.95	1	1	3.152394
Annual Perm 1_serv	BOBJ1	69	155.84	After	Interior Girder 4	32	0.95	1	1	3.152394
Annual Perm 1_serv	BOBJ1	69	155.84	After	Interior Girder 5	32	0.95	1	1	3.245653
Annual Perm 1_serv	BOBJ1	69	155.84	After	Interior Girder 6	32	0.95	1	1	3.107167
Annual Perm 1_serv	BOBJ1	69	155.84	After	Right Exterior Girder	32	0.95	1	1	3.314544
Annual Perm 1_serv	BOBJ1	70	161.8733	Before	Left Exterior Girder	38.0333	0.95	1	1	3.54296
Annual Perm 1_serv	BOBJ1	70	161.8733	Before	Interior Girder 1	38.0333	0.95	1	1	3.036237
Annual Perm 1_serv	BOBJ1	70	161.8733	Before	Interior Girder 2	38.0333	0.95	1	1	3.161372
Annual Perm 1_serv	BOBJ1	70	161.8733	Before	Interior Girder 3	38.0333	0.95	1	1	2.983128
Annual Perm 1_serv	BOBJ1	70	161.8733	Before	Interior Girder 4	38.0333	0.95	1	1	2.983128
Annual Perm 1_serv	BOBJ1	70	161.8733	Before	Interior Girder 5	38.0333	0.95	1	1	3.161372
Annual Perm 1_serv	BOBJ1	70	161.8733	Before	Interior Girder 6	38.0333	0.95	1	1	3.036237
Annual Perm 1_serv	BOBJ1	70	161.8733	Before	Right Exterior Girder	38.0333	0.95	1	1	3.54296
Annual Perm 1_serv	BOBJ1	71	161.8733	After	Left Exterior Girder	38.0333	0.95	1	1	3.548853
Annual Perm 1_serv	BOBJ1	71	161.8733	After	Interior Girder 1	38.0333	0.95	1	1	3.017611
Annual Perm 1_serv	BOBJ1	71	161.8733	After	Interior Girder 2	38.0333	0.95	1	1	3.14702
Annual Perm 1_serv	BOBJ1	71	161.8733	After	Interior Girder 3	38.0333	0.95	1	1	2.959092
Annual Perm 1_serv	BOBJ1	71	161.8733	After	Interior Girder 4	38.0333	0.95	1	1	2.959092
Annual Perm 1_serv	BOBJ1	71	161.8733	After	Interior Girder 5	38.0333	0.95	1	1	3.14702
Annual Perm 1_serv	BOBJ1	71	161.8733	After	Interior Girder 6	38.0333	0.95	1	1	3.017611
Annual Perm 1_serv	BOBJ1	71	161.8733	After	Right Exterior Girder	38.0333	0.95	1	1	3.548853
Annual Perm 1_serv	BOBJ1	72	167.9067	Before	Left Exterior Girder	44.0667	0.95	1	1	4.336888
Annual Perm 1_serv	BOBJ1	72	167.9067	Before	Interior Girder 1	44.0667	0.95	1	1	3.495902
Annual Perm 1_serv	BOBJ1	72	167.9067	Before	Interior Girder 2	44.0667	0.95	1	1	3.583977
Annual Perm 1_serv	BOBJ1	72	167.9067	Before	Interior Girder 3	44.0667	0.95	1	1	3.348708
Annual Perm 1_serv	BOBJ1	72	167.9067	Before	Interior Girder 4	44.0667	0.95	1	1	3.348708
Annual Perm 1_serv	BOBJ1	72	167.9067	Before	Interior Girder 5	44.0667	0.95	1	1	3.583977
Annual Perm 1_serv	BOBJ1	72	167.9067	Before	Interior Girder 6	44.0667	0.95	1	1	3.495902
Annual Perm 1_serv	BOBJ1	72	167.9067	Before	Right Exterior Girder	44.0667	0.95	1	1	4.336888
Annual Perm 1_serv	BOBJ1	73	167.9067	After	Left Exterior Girder	44.0667	0.95	1	1	4.25941
Annual Perm 1_serv	BOBJ1	73	167.9067	After	Interior Girder 1	44.0667	0.95	1	1	3.531996
Annual Perm 1_serv	BOBJ1	73	167.9067	After	Interior Girder 2	44.0667	0.95	1	1	3.601281
Annual Perm 1_serv	BOBJ1	73	167.9067	After	Interior Girder 3	44.0667	0.95	1	1	3.331334
Annual Perm 1_serv	BOBJ1	73	167.9067	After	Interior Girder 4	44.0667	0.95	1	1	3.331334
Annual Perm 1_serv	BOBJ1	73	167.9067	After	Interior Girder 5	44.0667	0.95	1	1	3.601281
Annual Perm 1_serv	BOBJ1	73	167.9067	After	Interior Girder 6	44.0667	0.95	1	1	3.531996
Annual Perm 1_serv	BOBJ1	73	167.9067	After	Right Exterior Girder	44.0667	0.95	1	1	4.25941
Annual Perm 1_serv	BOBJ1	74	173.94	Before	Left Exterior Girder	50.1	0.95	1	1	6.193833

TABLE: Bridge Super Rating AASHTORATE18 31 - SteelICompServ-Flx - Approach, Span 12-15										
Request	BridgeObj	BridgeCut	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	Unitless	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Annual Perm 1_serv	BOBJ1	74	173.94	Before	Interior Girder 1	50.1	0.95	1	1	5.059292
Annual Perm 1_serv	BOBJ1	74	173.94	Before	Interior Girder 2	50.1	0.95	1	1	5.031007
Annual Perm 1_serv	BOBJ1	74	173.94	Before	Interior Girder 3	50.1	0.95	1	1	4.742184
Annual Perm 1_serv	BOBJ1	74	173.94	Before	Interior Girder 4	50.1	0.95	1	1	4.742184
Annual Perm 1_serv	BOBJ1	74	173.94	Before	Interior Girder 5	50.1	0.95	1	1	5.031007
Annual Perm 1_serv	BOBJ1	74	173.94	Before	Interior Girder 6	50.1	0.95	1	1	5.059292
Annual Perm 1_serv	BOBJ1	74	173.94	Before	Right Exterior Girder	50.1	0.95	1	1	6.193833
Annual Perm 1_serv	BOBJ1	75	173.94	After	Left Exterior Girder	50.1	0.95	1	1	6.131215
Annual Perm 1_serv	BOBJ1	75	173.94	After	Interior Girder 1	50.1	0.95	1	1	5.072114
Annual Perm 1_serv	BOBJ1	75	173.94	After	Interior Girder 2	50.1	0.95	1	1	5.005733
Annual Perm 1_serv	BOBJ1	75	173.94	After	Interior Girder 3	50.1	0.95	1	1	4.617173
Annual Perm 1_serv	BOBJ1	75	173.94	After	Interior Girder 4	50.1	0.95	1	1	4.617173
Annual Perm 1_serv	BOBJ1	75	173.94	After	Interior Girder 5	50.1	0.95	1	1	5.005733
Annual Perm 1_serv	BOBJ1	75	173.94	After	Interior Girder 6	50.1	0.95	1	1	5.072114
Annual Perm 1_serv	BOBJ1	75	173.94	After	Right Exterior Girder	50.1	0.95	1	1	6.131215
Annual Perm 1_serv	BOBJ1	76	179.98	Before	Left Exterior Girder	56.14	0.95	1	1	5.628421
Annual Perm 1_serv	BOBJ1	76	179.98	Before	Interior Girder 1	56.14	0.95	1	1	5.532046
Annual Perm 1_serv	BOBJ1	76	179.98	Before	Interior Girder 2	56.14	0.95	1	1	5.776558
Annual Perm 1_serv	BOBJ1	76	179.98	Before	Interior Girder 3	56.14	0.95	1	1	5.427575
Annual Perm 1_serv	BOBJ1	76	179.98	Before	Interior Girder 4	56.14	0.95	1	1	5.427575
Annual Perm 1_serv	BOBJ1	76	179.98	Before	Interior Girder 5	56.14	0.95	1	1	5.776558
Annual Perm 1_serv	BOBJ1	76	179.98	Before	Interior Girder 6	56.14	0.95	1	1	5.532046
Annual Perm 1_serv	BOBJ1	76	179.98	Before	Right Exterior Girder	56.14	0.95	1	1	5.628421
Annual Perm 1_serv	BOBJ1	77	179.98	After	Left Exterior Girder	56.14	0.95	1	1	5.71088
Annual Perm 1_serv	BOBJ1	77	179.98	After	Interior Girder 1	56.14	0.95	1	1	5.523914
Annual Perm 1_serv	BOBJ1	77	179.98	After	Interior Girder 2	56.14	0.95	1	1	5.781481
Annual Perm 1_serv	BOBJ1	77	179.98	After	Interior Girder 3	56.14	0.95	1	1	5.534823
Annual Perm 1_serv	BOBJ1	77	179.98	After	Interior Girder 4	56.14	0.95	1	1	5.534823
Annual Perm 1_serv	BOBJ1	77	179.98	After	Interior Girder 5	56.14	0.95	1	1	5.781481
Annual Perm 1_serv	BOBJ1	77	179.98	After	Interior Girder 6	56.14	0.95	1	1	5.523914
Annual Perm 1_serv	BOBJ1	77	179.98	After	Right Exterior Girder	56.14	0.95	1	1	5.71088
Annual Perm 1_serv	BOBJ1	78	183.56	Before	Left Exterior Girder	59.72	0.95	1	1	3.805358
Annual Perm 1_serv	BOBJ1	78	183.56	Before	Right Exterior Girder	59.72	0.95	1	1	3.805358
Annual Perm 1_serv	BOBJ1	79	183.56	After	Left Exterior Girder	59.72	0.95	1	1	8.807173
Annual Perm 1_serv	BOBJ1	79	183.56	After	Right Exterior Girder	59.72	0.95	1	1	8.807173
Annual Perm 1_serv	BOBJ1	80	186.02	Before	Left Exterior Girder	62.18	0.95	1	1	6.452543
Annual Perm 1_serv	BOBJ1	80	186.02	Before	Interior Girder 1	62.22	0.95	1	1	2.671746
Annual Perm 1_serv	BOBJ1	80	186.02	Before	Interior Girder 2	62.22	0.95	1	1	2.737699
Annual Perm 1_serv	BOBJ1	80	186.02	Before	Interior Girder 3	62.22	0.95	1	1	2.324528
Annual Perm 1_serv	BOBJ1	80	186.02	Before	Interior Girder 4	62.22	0.95	1	1	2.324528
Annual Perm 1_serv	BOBJ1	80	186.02	Before	Interior Girder 5	62.22	0.95	1	1	2.737699
Annual Perm 1_serv	BOBJ1	80	186.02	Before	Interior Girder 6	62.22	0.95	1	1	2.671746
Annual Perm 1_serv	BOBJ1	80	186.02	Before	Right Exterior Girder	62.18	0.95	1	1	6.452543
Annual Perm 1_serv	BOBJ1	81	186.02	After	Left Exterior Girder	62.18	0.95	1	1	6.503768
Annual Perm 1_serv	BOBJ1	81	186.02	After	Interior Girder 1	62.22	0.95	1	1	4.219897
Annual Perm 1_serv	BOBJ1	81	186.02	After	Interior Girder 2	62.22	0.95	1	1	4.320995
Annual Perm 1_serv	BOBJ1	81	186.02	After	Interior Girder 3	62.22	0.95	1	1	3.754135
Annual Perm 1_serv	BOBJ1	81	186.02	After	Interior Girder 4	62.22	0.95	1	1	3.754135
Annual Perm 1_serv	BOBJ1	81	186.02	After	Interior Girder 5	62.22	0.95	1	1	4.320995
Annual Perm 1_serv	BOBJ1	81	186.02	After	Interior Girder 6	62.22	0.95	1	1	4.219897
Annual Perm 1_serv	BOBJ1	81	186.02	After	Right Exterior Girder	62.18	0.95	1	1	6.503768
Annual Perm 1_serv	BOBJ1	82	192.06	Before	Left Exterior Girder	68.22	0.95	1	1	3.276188
Annual Perm 1_serv	BOBJ1	82	192.06	Before	Interior Girder 1	68.22	0.95	1	1	2.126127
Annual Perm 1_serv	BOBJ1	82	192.06	Before	Interior Girder 2	68.22	0.95	1	1	2.169224
Annual Perm 1_serv	BOBJ1	82	192.06	Before	Interior Girder 3	68.22	0.95	1	1	1.789452
Annual Perm 1_serv	BOBJ1	82	192.06	Before	Interior Girder 4	68.22	0.95	1	1	1.789452
Annual Perm 1_serv	BOBJ1	82	192.06	Before	Interior Girder 5	68.22	0.95	1	1	2.169224
Annual Perm 1_serv	BOBJ1	82	192.06	Before	Interior Girder 6	68.22	0.95	1	1	2.126127
Annual Perm 1_serv	BOBJ1	82	192.06	Before	Right Exterior Girder	68.22	0.95	1	1	3.276188
Annual Perm 1_serv	BOBJ1	83	192.06	After	Left Exterior Girder	0	0.95	1	1	3.283061
Annual Perm 1_serv	BOBJ1	83	192.06	After	Interior Girder 1	0	0.95	1	1	2.157947
Annual Perm 1_serv	BOBJ1	83	192.06	After	Interior Girder 2	0	0.95	1	1	2.203467
Annual Perm 1_serv	BOBJ1	83	192.06	After	Interior Girder 3	0	0.95	1	1	1.81298
Annual Perm 1_serv	BOBJ1	83	192.06	After	Interior Girder 4	0	0.95	1	1	1.81298
Annual Perm 1_serv	BOBJ1	83	192.06	After	Interior Girder 5	0	0.95	1	1	2.203467
Annual Perm 1_serv	BOBJ1	83	192.06	After	Interior Girder 6	0	0.95	1	1	2.157947
Annual Perm 1_serv	BOBJ1	83	192.06	After	Right Exterior Girder	0	0.95	1	1	3.283061
Annual Perm 1_serv	BOBJ1	84	197.087	Before	Interior Girder 1	5.027	0.95	1	1	3.71435
Annual Perm 1_serv	BOBJ1	84	197.087	Before	Interior Girder 2	5.027	0.95	1	1	3.821545
Annual Perm 1_serv	BOBJ1	84	197.087	Before	Interior Girder 3	5.027	0.95	1	1	3.415582
Annual Perm 1_serv	BOBJ1	84	197.087	Before	Interior Girder 4	5.027	0.95	1	1	3.415582
Annual Perm 1_serv	BOBJ1	84	197.087	Before	Interior Girder 5	5.027	0.95	1	1	3.821545
Annual Perm 1_serv	BOBJ1	84	197.087	Before	Interior Girder 6	5.027	0.95	1	1	3.71435

TABLE: Bridge Super Rating AASHTORATE18 31 - SteelICompServ-Flx - Approach, Span 12-15										
Request	BridgeObj	BridgeCut	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	Unitless	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Annual Perm 1_serv	BOBJ1	85	197.087	After	Interior Girder 1	5.027	0.95	1	1	2.323432
Annual Perm 1_serv	BOBJ1	85	197.087	After	Interior Girder 2	5.027	0.95	1	1	2.406535
Annual Perm 1_serv	BOBJ1	85	197.087	After	Interior Girder 3	5.027	0.95	1	1	2.129111
Annual Perm 1_serv	BOBJ1	85	197.087	After	Interior Girder 4	5.027	0.95	1	1	2.129111
Annual Perm 1_serv	BOBJ1	85	197.087	After	Interior Girder 5	5.027	0.95	1	1	2.406535
Annual Perm 1_serv	BOBJ1	85	197.087	After	Interior Girder 6	5.027	0.95	1	1	2.323432
Annual Perm 1_serv	BOBJ1	86	197.91	Before	Left Exterior Girder	5.85	0.95	1	1	5.874642
Annual Perm 1_serv	BOBJ1	86	197.91	Before	Interior Girder 1	5.85	0.95	1	1	2.636185
Annual Perm 1_serv	BOBJ1	86	197.91	Before	Interior Girder 2	5.85	0.95	1	1	2.699069
Annual Perm 1_serv	BOBJ1	86	197.91	Before	Interior Girder 3	5.85	0.95	1	1	2.436736
Annual Perm 1_serv	BOBJ1	86	197.91	Before	Interior Girder 4	5.85	0.95	1	1	2.436736
Annual Perm 1_serv	BOBJ1	86	197.91	Before	Interior Girder 5	5.85	0.95	1	1	2.699069
Annual Perm 1_serv	BOBJ1	86	197.91	Before	Interior Girder 6	5.85	0.95	1	1	2.636185
Annual Perm 1_serv	BOBJ1	86	197.91	Before	Right Exterior Girder	5.85	0.95	1	1	5.874642
Annual Perm 1_serv	BOBJ1	87	197.91	After	Left Exterior Girder	5.85	0.95	1	1	5.878299
Annual Perm 1_serv	BOBJ1	87	197.91	After	Interior Girder 1	5.85	0.95	1	1	2.619137
Annual Perm 1_serv	BOBJ1	87	197.91	After	Interior Girder 2	5.85	0.95	1	1	2.667335
Annual Perm 1_serv	BOBJ1	87	197.91	After	Interior Girder 3	5.85	0.95	1	1	2.379694
Annual Perm 1_serv	BOBJ1	87	197.91	After	Interior Girder 4	5.85	0.95	1	1	2.379694
Annual Perm 1_serv	BOBJ1	87	197.91	After	Interior Girder 5	5.85	0.95	1	1	2.667335
Annual Perm 1_serv	BOBJ1	87	197.91	After	Interior Girder 6	5.85	0.95	1	1	2.619137
Annual Perm 1_serv	BOBJ1	87	197.91	After	Right Exterior Girder	5.85	0.95	1	1	5.878299
Annual Perm 1_serv	BOBJ1	88	199.1816	Before	Left Exterior Girder	7.1216	0.95	1	1	6.588566
Annual Perm 1_serv	BOBJ1	88	199.1816	Before	Right Exterior Girder	7.1216	0.95	1	1	6.588566
Annual Perm 1_serv	BOBJ1	89	199.1816	After	Left Exterior Girder	7.1216	0.95	1	1	2.816066
Annual Perm 1_serv	BOBJ1	89	199.1816	After	Right Exterior Girder	7.1216	0.95	1	1	2.816066
Annual Perm 1_serv	BOBJ1	90	203.5267	Before	Left Exterior Girder	11.3107	0.95	1	1	3.875649
Annual Perm 1_serv	BOBJ1	90	203.5267	Before	Interior Girder 1	11.3107	0.95	1	1	4.068397
Annual Perm 1_serv	BOBJ1	90	203.5267	Before	Interior Girder 2	11.3107	0.95	1	1	4.336541
Annual Perm 1_serv	BOBJ1	90	203.5267	Before	Interior Girder 3	11.3107	0.95	1	1	4.410094
Annual Perm 1_serv	BOBJ1	90	203.5267	Before	Interior Girder 4	11.3107	0.95	1	1	4.410094
Annual Perm 1_serv	BOBJ1	90	203.5267	Before	Interior Girder 5	11.3107	0.95	1	1	4.336541
Annual Perm 1_serv	BOBJ1	90	203.5267	Before	Interior Girder 6	11.3107	0.95	1	1	4.068397
Annual Perm 1_serv	BOBJ1	90	203.5267	Before	Right Exterior Girder	11.3107	0.95	1	1	3.875649
Annual Perm 1_serv	BOBJ1	91	203.5267	After	Left Exterior Girder	11.3107	0.95	1	1	6.175019
Annual Perm 1_serv	BOBJ1	91	203.5267	After	Interior Girder 1	11.3107	0.95	1	1	6.413332
Annual Perm 1_serv	BOBJ1	91	203.5267	After	Interior Girder 2	11.3107	0.95	1	1	6.898981
Annual Perm 1_serv	BOBJ1	91	203.5267	After	Interior Girder 3	11.3107	0.95	1	1	7.020848
Annual Perm 1_serv	BOBJ1	91	203.5267	After	Interior Girder 4	11.3107	0.95	1	1	7.020848
Annual Perm 1_serv	BOBJ1	91	203.5267	After	Interior Girder 5	11.3107	0.95	1	1	6.898981
Annual Perm 1_serv	BOBJ1	91	203.5267	After	Interior Girder 6	11.3107	0.95	1	1	6.413332
Annual Perm 1_serv	BOBJ1	91	203.5267	After	Right Exterior Girder	11.3107	0.95	1	1	6.175019
Annual Perm 1_serv	BOBJ1	92	209.1433	Before	Left Exterior Girder	17.0833	0.95	1	1	7.138207
Annual Perm 1_serv	BOBJ1	92	209.1433	Before	Interior Girder 1	17.0833	0.95	1	1	5.896287
Annual Perm 1_serv	BOBJ1	92	209.1433	Before	Interior Girder 2	17.0833	0.95	1	1	5.901017
Annual Perm 1_serv	BOBJ1	92	209.1433	Before	Interior Girder 3	17.0833	0.95	1	1	5.504393
Annual Perm 1_serv	BOBJ1	92	209.1433	Before	Interior Girder 4	17.0833	0.95	1	1	5.504393
Annual Perm 1_serv	BOBJ1	92	209.1433	Before	Interior Girder 5	17.0833	0.95	1	1	5.901017
Annual Perm 1_serv	BOBJ1	92	209.1433	Before	Interior Girder 6	17.0833	0.95	1	1	5.896287
Annual Perm 1_serv	BOBJ1	92	209.1433	Before	Right Exterior Girder	17.0833	0.95	1	1	7.138207
Annual Perm 1_serv	BOBJ1	93	209.1433	After	Left Exterior Girder	17.0833	0.95	1	1	7.03562
Annual Perm 1_serv	BOBJ1	93	209.1433	After	Interior Girder 1	17.0833	0.95	1	1	5.93812
Annual Perm 1_serv	BOBJ1	93	209.1433	After	Interior Girder 2	17.0833	0.95	1	1	6.00506
Annual Perm 1_serv	BOBJ1	93	209.1433	After	Interior Girder 3	17.0833	0.95	1	1	5.655254
Annual Perm 1_serv	BOBJ1	93	209.1433	After	Interior Girder 4	17.0833	0.95	1	1	5.655254
Annual Perm 1_serv	BOBJ1	93	209.1433	After	Interior Girder 5	17.0833	0.95	1	1	6.00506
Annual Perm 1_serv	BOBJ1	93	209.1433	After	Interior Girder 6	17.0833	0.95	1	1	5.93812
Annual Perm 1_serv	BOBJ1	93	209.1433	After	Right Exterior Girder	17.0833	0.95	1	1	7.03562
Annual Perm 1_serv	BOBJ1	94	214.76	Before	Left Exterior Girder	22.7	0.95	1	1	5.279219
Annual Perm 1_serv	BOBJ1	94	214.76	Before	Interior Girder 1	22.7	0.95	1	1	4.70473
Annual Perm 1_serv	BOBJ1	94	214.76	Before	Interior Girder 2	22.7	0.95	1	1	4.85268
Annual Perm 1_serv	BOBJ1	94	214.76	Before	Interior Girder 3	22.7	0.95	1	1	4.605893
Annual Perm 1_serv	BOBJ1	94	214.76	Before	Interior Girder 4	22.7	0.95	1	1	4.605893
Annual Perm 1_serv	BOBJ1	94	214.76	Before	Interior Girder 5	22.7	0.95	1	1	4.85268
Annual Perm 1_serv	BOBJ1	94	214.76	Before	Interior Girder 6	22.7	0.95	1	1	4.70473
Annual Perm 1_serv	BOBJ1	94	214.76	Before	Right Exterior Girder	22.7	0.95	1	1	5.279219
Annual Perm 1_serv	BOBJ1	95	214.76	After	Left Exterior Girder	22.7	0.95	1	1	5.282139
Annual Perm 1_serv	BOBJ1	95	214.76	After	Interior Girder 1	22.7	0.95	1	1	4.691133
Annual Perm 1_serv	BOBJ1	95	214.76	After	Interior Girder 2	22.7	0.95	1	1	4.875781
Annual Perm 1_serv	BOBJ1	95	214.76	After	Interior Girder 3	22.7	0.95	1	1	4.648466
Annual Perm 1_serv	BOBJ1	95	214.76	After	Interior Girder 4	22.7	0.95	1	1	4.648466
Annual Perm 1_serv	BOBJ1	95	214.76	After	Interior Girder 5	22.7	0.95	1	1	4.875781
Annual Perm 1_serv	BOBJ1	95	214.76	After	Interior Girder 6	22.7	0.95	1	1	4.691133

TABLE: Bridge Super Rating AASHTORATE18 31 - SteelCompServ-Flx - Approach, Span 12-15										
Request	BridgeObj	BridgeCut	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	Unitless	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Annual Perm 1_serv	BOBJ1	95	214.76	After	Right Exterior Girder	22.7	0.95	1	1	5.282139
Annual Perm 1_serv	BOBJ1	96	220.3767	Before	Left Exterior Girder	28.3167	0.95	1	1	4.956224
Annual Perm 1_serv	BOBJ1	96	220.3767	Before	Interior Girder 1	28.3167	0.95	1	1	4.072844
Annual Perm 1_serv	BOBJ1	96	220.3767	Before	Interior Girder 2	28.3167	0.95	1	1	4.200228
Annual Perm 1_serv	BOBJ1	96	220.3767	Before	Interior Girder 3	28.3167	0.95	1	1	3.906503
Annual Perm 1_serv	BOBJ1	96	220.3767	Before	Interior Girder 4	28.3167	0.95	1	1	3.906503
Annual Perm 1_serv	BOBJ1	96	220.3767	Before	Interior Girder 5	28.3167	0.95	1	1	4.200228
Annual Perm 1_serv	BOBJ1	96	220.3767	Before	Interior Girder 6	28.3167	0.95	1	1	4.072844
Annual Perm 1_serv	BOBJ1	96	220.3767	Before	Right Exterior Girder	28.3167	0.95	1	1	4.956224
Annual Perm 1_serv	BOBJ1	97	220.3767	After	Left Exterior Girder	28.3167	0.95	1	1	4.983098
Annual Perm 1_serv	BOBJ1	97	220.3767	After	Interior Girder 1	28.3167	0.95	1	1	4.065108
Annual Perm 1_serv	BOBJ1	97	220.3767	After	Interior Girder 2	28.3167	0.95	1	1	4.197955
Annual Perm 1_serv	BOBJ1	97	220.3767	After	Interior Girder 3	28.3167	0.95	1	1	3.922819
Annual Perm 1_serv	BOBJ1	97	220.3767	After	Interior Girder 4	28.3167	0.95	1	1	3.922819
Annual Perm 1_serv	BOBJ1	97	220.3767	After	Interior Girder 5	28.3167	0.95	1	1	4.197955
Annual Perm 1_serv	BOBJ1	97	220.3767	After	Interior Girder 6	28.3167	0.95	1	1	4.065108
Annual Perm 1_serv	BOBJ1	97	220.3767	After	Right Exterior Girder	28.3167	0.95	1	1	4.983098
Annual Perm 1_serv	BOBJ1	98	225.9933	Before	Left Exterior Girder	33.9333	0.95	1	1	4.736198
Annual Perm 1_serv	BOBJ1	98	225.9933	Before	Interior Girder 1	33.9333	0.95	1	1	3.862749
Annual Perm 1_serv	BOBJ1	98	225.9933	Before	Interior Girder 2	33.9333	0.95	1	1	4.026673
Annual Perm 1_serv	BOBJ1	98	225.9933	Before	Interior Girder 3	33.9333	0.95	1	1	3.755151
Annual Perm 1_serv	BOBJ1	98	225.9933	Before	Interior Girder 4	33.9333	0.95	1	1	3.755151
Annual Perm 1_serv	BOBJ1	98	225.9933	Before	Interior Girder 5	33.9333	0.95	1	1	4.026673
Annual Perm 1_serv	BOBJ1	98	225.9933	Before	Interior Girder 6	33.9333	0.95	1	1	3.862749
Annual Perm 1_serv	BOBJ1	98	225.9933	Before	Right Exterior Girder	33.9333	0.95	1	1	4.736198
Annual Perm 1_serv	BOBJ1	99	225.9933	After	Left Exterior Girder	33.9333	0.95	1	1	4.703951
Annual Perm 1_serv	BOBJ1	99	225.9933	After	Interior Girder 1	33.9333	0.95	1	1	3.876496
Annual Perm 1_serv	BOBJ1	99	225.9933	After	Interior Girder 2	33.9333	0.95	1	1	4.028291
Annual Perm 1_serv	BOBJ1	99	225.9933	After	Interior Girder 3	33.9333	0.95	1	1	3.747586
Annual Perm 1_serv	BOBJ1	99	225.9933	After	Interior Girder 4	33.9333	0.95	1	1	3.747586
Annual Perm 1_serv	BOBJ1	99	225.9933	After	Interior Girder 5	33.9333	0.95	1	1	4.028291
Annual Perm 1_serv	BOBJ1	99	225.9933	After	Interior Girder 6	33.9333	0.95	1	1	3.876496
Annual Perm 1_serv	BOBJ1	99	225.9933	After	Right Exterior Girder	33.9333	0.95	1	1	4.703951
Annual Perm 1_serv	BOBJ1	100	231.61	Before	Left Exterior Girder	39.55	0.95	1	1	4.949464
Annual Perm 1_serv	BOBJ1	100	231.61	Before	Interior Girder 1	39.55	0.95	1	1	4.211765
Annual Perm 1_serv	BOBJ1	100	231.61	Before	Interior Girder 2	39.55	0.95	1	1	4.394856
Annual Perm 1_serv	BOBJ1	100	231.61	Before	Interior Girder 3	39.55	0.95	1	1	4.116667
Annual Perm 1_serv	BOBJ1	100	231.61	Before	Interior Girder 4	39.55	0.95	1	1	4.116667
Annual Perm 1_serv	BOBJ1	100	231.61	Before	Interior Girder 5	39.55	0.95	1	1	4.394856
Annual Perm 1_serv	BOBJ1	100	231.61	Before	Interior Girder 6	39.55	0.95	1	1	4.211765
Annual Perm 1_serv	BOBJ1	100	231.61	Before	Right Exterior Girder	39.55	0.95	1	1	4.949464
Annual Perm 1_serv	BOBJ1	101	231.61	After	Left Exterior Girder	39.55	0.95	1	1	4.934931
Annual Perm 1_serv	BOBJ1	101	231.61	After	Interior Girder 1	39.55	0.95	1	1	4.214653
Annual Perm 1_serv	BOBJ1	101	231.61	After	Interior Girder 2	39.55	0.95	1	1	4.356218
Annual Perm 1_serv	BOBJ1	101	231.61	After	Interior Girder 3	39.55	0.95	1	1	4.043423
Annual Perm 1_serv	BOBJ1	101	231.61	After	Interior Girder 4	39.55	0.95	1	1	4.043423
Annual Perm 1_serv	BOBJ1	101	231.61	After	Interior Girder 5	39.55	0.95	1	1	4.356218
Annual Perm 1_serv	BOBJ1	101	231.61	After	Interior Girder 6	39.55	0.95	1	1	4.214653
Annual Perm 1_serv	BOBJ1	101	231.61	After	Right Exterior Girder	39.55	0.95	1	1	4.934931
Annual Perm 1_serv	BOBJ1	102	237.37	Before	Left Exterior Girder	45.31	0.95	1	1	6.632472
Annual Perm 1_serv	BOBJ1	102	237.37	Before	Interior Girder 1	45.31	0.95	1	1	5.137859
Annual Perm 1_serv	BOBJ1	102	237.37	Before	Interior Girder 2	45.31	0.95	1	1	5.229624
Annual Perm 1_serv	BOBJ1	102	237.37	Before	Interior Girder 3	45.31	0.95	1	1	4.740142
Annual Perm 1_serv	BOBJ1	102	237.37	Before	Interior Girder 4	45.31	0.95	1	1	4.740142
Annual Perm 1_serv	BOBJ1	102	237.37	Before	Interior Girder 5	45.31	0.95	1	1	5.229624
Annual Perm 1_serv	BOBJ1	102	237.37	Before	Interior Girder 6	45.31	0.95	1	1	5.137859
Annual Perm 1_serv	BOBJ1	102	237.37	Before	Right Exterior Girder	45.31	0.95	1	1	6.632472
Annual Perm 1_serv	BOBJ1	103	237.37	After	Left Exterior Girder	45.31	0.95	1	1	6.701253
Annual Perm 1_serv	BOBJ1	103	237.37	After	Interior Girder 1	45.31	0.95	1	1	5.107918
Annual Perm 1_serv	BOBJ1	103	237.37	After	Interior Girder 2	45.31	0.95	1	1	5.077227
Annual Perm 1_serv	BOBJ1	103	237.37	After	Interior Girder 3	45.31	0.95	1	1	4.555628
Annual Perm 1_serv	BOBJ1	103	237.37	After	Interior Girder 4	45.31	0.95	1	1	4.555628
Annual Perm 1_serv	BOBJ1	103	237.37	After	Interior Girder 5	45.31	0.95	1	1	5.077227
Annual Perm 1_serv	BOBJ1	103	237.37	After	Interior Girder 6	45.31	0.95	1	1	5.107918
Annual Perm 1_serv	BOBJ1	103	237.37	After	Right Exterior Girder	45.31	0.95	1	1	6.701253
Annual Perm 1_serv	BOBJ1	104	243.13	Before	Left Exterior Girder	51.07	0.95	1	1	11.778952
Annual Perm 1_serv	BOBJ1	104	243.13	Before	Interior Girder 1	51.07	0.95	1	1	8.336048
Annual Perm 1_serv	BOBJ1	104	243.13	Before	Interior Girder 2	51.07	0.95	1	1	8.160852
Annual Perm 1_serv	BOBJ1	104	243.13	Before	Interior Girder 3	51.07	0.95	1	1	7.232183
Annual Perm 1_serv	BOBJ1	104	243.13	Before	Interior Girder 4	51.07	0.95	1	1	7.232183
Annual Perm 1_serv	BOBJ1	104	243.13	Before	Interior Girder 5	51.07	0.95	1	1	8.160852
Annual Perm 1_serv	BOBJ1	104	243.13	Before	Interior Girder 6	51.07	0.95	1	1	8.336048
Annual Perm 1_serv	BOBJ1	104	243.13	Before	Right Exterior Girder	51.07	0.95	1	1	11.778952

TABLE: Bridge Super Rating AASHTORATE18 31 - SteelICompServ-Flx - Approach, Span 12-15										
Request	BridgeObj	BridgeCut	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	Unitless	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Annual Perm 1_serv	BOBJ1	105	243.13	After	Left Exterior Girder	51.07	0.95	1	1	11.701208
Annual Perm 1_serv	BOBJ1	105	243.13	After	Interior Girder 1	51.07	0.95	1	1	8.241248
Annual Perm 1_serv	BOBJ1	105	243.13	After	Interior Girder 2	51.07	0.95	1	1	7.832056
Annual Perm 1_serv	BOBJ1	105	243.13	After	Interior Girder 3	51.07	0.95	1	1	6.835171
Annual Perm 1_serv	BOBJ1	105	243.13	After	Interior Girder 4	51.07	0.95	1	1	6.835171
Annual Perm 1_serv	BOBJ1	105	243.13	After	Interior Girder 5	51.07	0.95	1	1	7.832056
Annual Perm 1_serv	BOBJ1	105	243.13	After	Interior Girder 6	51.07	0.95	1	1	8.241248
Annual Perm 1_serv	BOBJ1	105	243.13	After	Right Exterior Girder	51.07	0.95	1	1	11.701208
Annual Perm 1_serv	BOBJ1	106	248.89	Before	Left Exterior Girder	56.83	0.95	1	1	507.813367
Annual Perm 1_serv	BOBJ1	106	248.89	Before	Interior Girder 1	56.83	0.95	1	1	443.937162
Annual Perm 1_serv	BOBJ1	106	248.89	Before	Interior Girder 2	56.83	0.95	1	1	268.450844
Annual Perm 1_serv	BOBJ1	106	248.89	Before	Interior Girder 3	56.83	0.95	1	1	213.029695
Annual Perm 1_serv	BOBJ1	106	248.89	Before	Interior Girder 4	56.83	0.95	1	1	213.029695
Annual Perm 1_serv	BOBJ1	106	248.89	Before	Interior Girder 5	56.83	0.95	1	1	268.450844
Annual Perm 1_serv	BOBJ1	106	248.89	Before	Interior Girder 6	56.83	0.95	1	1	443.937161
Annual Perm 1_serv	BOBJ1	106	248.89	Before	Right Exterior Girder	56.83	0.95	1	1	507.813367
Annual Perm 2_serv	BOBJ1	1	0	After	Left Exterior Girder	0	0.95	1	1	334.822599
Annual Perm 2_serv	BOBJ1	1	0	After	Interior Girder 1	0	0.95	1	1	252.291758
Annual Perm 2_serv	BOBJ1	1	0	After	Interior Girder 2	0	0.95	1	1	172.843727
Annual Perm 2_serv	BOBJ1	1	0	After	Interior Girder 3	0	0.95	1	1	140.107171
Annual Perm 2_serv	BOBJ1	1	0	After	Interior Girder 4	0	0.95	1	1	140.107172
Annual Perm 2_serv	BOBJ1	1	0	After	Interior Girder 5	0	0.95	1	1	172.843727
Annual Perm 2_serv	BOBJ1	1	0	After	Interior Girder 6	0	0.95	1	1	252.291758
Annual Perm 2_serv	BOBJ1	1	0	After	Right Exterior Girder	0	0.95	1	1	334.822599
Annual Perm 2_serv	BOBJ1	2	5.85	Before	Left Exterior Girder	5.85	0.95	1	1	8.451551
Annual Perm 2_serv	BOBJ1	2	5.85	Before	Interior Girder 1	5.85	0.95	1	1	6.666019
Annual Perm 2_serv	BOBJ1	2	5.85	Before	Interior Girder 2	5.85	0.95	1	1	6.513548
Annual Perm 2_serv	BOBJ1	2	5.85	Before	Interior Girder 3	5.85	0.95	1	1	5.642913
Annual Perm 2_serv	BOBJ1	2	5.85	Before	Interior Girder 4	5.85	0.95	1	1	5.642913
Annual Perm 2_serv	BOBJ1	2	5.85	Before	Interior Girder 5	5.85	0.95	1	1	6.513548
Annual Perm 2_serv	BOBJ1	2	5.85	Before	Interior Girder 6	5.85	0.95	1	1	6.666019
Annual Perm 2_serv	BOBJ1	2	5.85	Before	Right Exterior Girder	5.85	0.95	1	1	8.451551
Annual Perm 2_serv	BOBJ1	3	5.85	After	Left Exterior Girder	5.85	0.95	1	1	8.499023
Annual Perm 2_serv	BOBJ1	3	5.85	After	Interior Girder 1	5.85	0.95	1	1	6.65297
Annual Perm 2_serv	BOBJ1	3	5.85	After	Interior Girder 2	5.85	0.95	1	1	6.721503
Annual Perm 2_serv	BOBJ1	3	5.85	After	Interior Girder 3	5.85	0.95	1	1	5.931282
Annual Perm 2_serv	BOBJ1	3	5.85	After	Interior Girder 4	5.85	0.95	1	1	5.931282
Annual Perm 2_serv	BOBJ1	3	5.85	After	Interior Girder 5	5.85	0.95	1	1	6.721503
Annual Perm 2_serv	BOBJ1	3	5.85	After	Interior Girder 6	5.85	0.95	1	1	6.65297
Annual Perm 2_serv	BOBJ1	3	5.85	After	Right Exterior Girder	5.85	0.95	1	1	8.499023
Annual Perm 2_serv	BOBJ1	4	11.4667	Before	Left Exterior Girder	11.4667	0.95	1	1	4.817036
Annual Perm 2_serv	BOBJ1	4	11.4667	Before	Interior Girder 1	11.4667	0.95	1	1	3.772883
Annual Perm 2_serv	BOBJ1	4	11.4667	Before	Interior Girder 2	11.4667	0.95	1	1	3.779569
Annual Perm 2_serv	BOBJ1	4	11.4667	Before	Interior Girder 3	11.4667	0.95	1	1	3.374337
Annual Perm 2_serv	BOBJ1	4	11.4667	Before	Interior Girder 4	11.4667	0.95	1	1	3.374337
Annual Perm 2_serv	BOBJ1	4	11.4667	Before	Interior Girder 5	11.4667	0.95	1	1	3.779569
Annual Perm 2_serv	BOBJ1	4	11.4667	Before	Interior Girder 6	11.4667	0.95	1	1	3.772883
Annual Perm 2_serv	BOBJ1	4	11.4667	Before	Right Exterior Girder	11.4667	0.95	1	1	4.817036
Annual Perm 2_serv	BOBJ1	5	11.4667	After	Left Exterior Girder	11.4667	0.95	1	1	4.885413
Annual Perm 2_serv	BOBJ1	5	11.4667	After	Interior Girder 1	11.4667	0.95	1	1	3.74049
Annual Perm 2_serv	BOBJ1	5	11.4667	After	Interior Girder 2	11.4667	0.95	1	1	3.833018
Annual Perm 2_serv	BOBJ1	5	11.4667	After	Interior Girder 3	11.4667	0.95	1	1	3.45988
Annual Perm 2_serv	BOBJ1	5	11.4667	After	Interior Girder 4	11.4667	0.95	1	1	3.45988
Annual Perm 2_serv	BOBJ1	5	11.4667	After	Interior Girder 5	11.4667	0.95	1	1	3.833018
Annual Perm 2_serv	BOBJ1	5	11.4667	After	Interior Girder 6	11.4667	0.95	1	1	3.74049
Annual Perm 2_serv	BOBJ1	5	11.4667	After	Right Exterior Girder	11.4667	0.95	1	1	4.885413
Annual Perm 2_serv	BOBJ1	6	17.0833	Before	Left Exterior Girder	17.0833	0.95	1	1	3.723646
Annual Perm 2_serv	BOBJ1	6	17.0833	Before	Interior Girder 1	17.0833	0.95	1	1	3.081152
Annual Perm 2_serv	BOBJ1	6	17.0833	Before	Interior Girder 2	17.0833	0.95	1	1	3.186174
Annual Perm 2_serv	BOBJ1	6	17.0833	Before	Interior Girder 3	17.0833	0.95	1	1	2.915665
Annual Perm 2_serv	BOBJ1	6	17.0833	Before	Interior Girder 4	17.0833	0.95	1	1	2.915665
Annual Perm 2_serv	BOBJ1	6	17.0833	Before	Interior Girder 5	17.0833	0.95	1	1	3.186174
Annual Perm 2_serv	BOBJ1	6	17.0833	Before	Interior Girder 6	17.0833	0.95	1	1	3.081152
Annual Perm 2_serv	BOBJ1	6	17.0833	Before	Right Exterior Girder	17.0833	0.95	1	1	3.723646
Annual Perm 2_serv	BOBJ1	7	17.0833	After	Left Exterior Girder	17.0833	0.95	1	1	3.725006
Annual Perm 2_serv	BOBJ1	7	17.0833	After	Interior Girder 1	17.0833	0.95	1	1	3.087034
Annual Perm 2_serv	BOBJ1	7	17.0833	After	Interior Girder 2	17.0833	0.95	1	1	3.231526
Annual Perm 2_serv	BOBJ1	7	17.0833	After	Interior Girder 3	17.0833	0.95	1	1	2.967807
Annual Perm 2_serv	BOBJ1	7	17.0833	After	Interior Girder 4	17.0833	0.95	1	1	2.967807
Annual Perm 2_serv	BOBJ1	7	17.0833	After	Interior Girder 5	17.0833	0.95	1	1	3.231526
Annual Perm 2_serv	BOBJ1	7	17.0833	After	Interior Girder 6	17.0833	0.95	1	1	3.087034
Annual Perm 2_serv	BOBJ1	7	17.0833	After	Right Exterior Girder	17.0833	0.95	1	1	3.725006
Annual Perm 2_serv	BOBJ1	8	22.7	Before	Left Exterior Girder	22.7	0.95	1	1	3.280233

TABLE: Bridge Super Rating AASHTORATE18 31 - SteelICompServ-Flx - Approach, Span 12-15										
Request	BridgeObj	BridgeCut	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	Unitless	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Annual Perm 2_serv	BOBJ1	8	22.7	Before	Interior Girder 1	22.7	0.95	1	1	2.970721
Annual Perm 2_serv	BOBJ1	8	22.7	Before	Interior Girder 2	22.7	0.95	1	1	3.173449
Annual Perm 2_serv	BOBJ1	8	22.7	Before	Interior Girder 3	22.7	0.95	1	1	2.969918
Annual Perm 2_serv	BOBJ1	8	22.7	Before	Interior Girder 4	22.7	0.95	1	1	2.969918
Annual Perm 2_serv	BOBJ1	8	22.7	Before	Interior Girder 5	22.7	0.95	1	1	3.173449
Annual Perm 2_serv	BOBJ1	8	22.7	Before	Interior Girder 6	22.7	0.95	1	1	2.970721
Annual Perm 2_serv	BOBJ1	8	22.7	Before	Right Exterior Girder	22.7	0.95	1	1	3.280233
Annual Perm 2_serv	BOBJ1	9	22.7	After	Left Exterior Girder	22.7	0.95	1	1	3.295764
Annual Perm 2_serv	BOBJ1	9	22.7	After	Interior Girder 1	22.7	0.95	1	1	2.961605
Annual Perm 2_serv	BOBJ1	9	22.7	After	Interior Girder 2	22.7	0.95	1	1	3.171013
Annual Perm 2_serv	BOBJ1	9	22.7	After	Interior Girder 3	22.7	0.95	1	1	2.962533
Annual Perm 2_serv	BOBJ1	9	22.7	After	Interior Girder 4	22.7	0.95	1	1	2.962533
Annual Perm 2_serv	BOBJ1	9	22.7	After	Interior Girder 5	22.7	0.95	1	1	3.171013
Annual Perm 2_serv	BOBJ1	9	22.7	After	Interior Girder 6	22.7	0.95	1	1	2.961605
Annual Perm 2_serv	BOBJ1	9	22.7	After	Right Exterior Girder	22.7	0.95	1	1	3.295764
Annual Perm 2_serv	BOBJ1	10	28.3167	Before	Left Exterior Girder	28.3167	0.95	1	1	3.55497
Annual Perm 2_serv	BOBJ1	10	28.3167	Before	Interior Girder 1	28.3167	0.95	1	1	3.032209
Annual Perm 2_serv	BOBJ1	10	28.3167	Before	Interior Girder 2	28.3167	0.95	1	1	3.205044
Annual Perm 2_serv	BOBJ1	10	28.3167	Before	Interior Girder 3	28.3167	0.95	1	1	2.994501
Annual Perm 2_serv	BOBJ1	10	28.3167	Before	Interior Girder 4	28.3167	0.95	1	1	2.994501
Annual Perm 2_serv	BOBJ1	10	28.3167	Before	Interior Girder 5	28.3167	0.95	1	1	3.205044
Annual Perm 2_serv	BOBJ1	10	28.3167	Before	Interior Girder 6	28.3167	0.95	1	1	3.032209
Annual Perm 2_serv	BOBJ1	10	28.3167	Before	Right Exterior Girder	28.3167	0.95	1	1	3.55497
Annual Perm 2_serv	BOBJ1	11	28.3167	After	Left Exterior Girder	28.3167	0.95	1	1	3.567508
Annual Perm 2_serv	BOBJ1	11	28.3167	After	Interior Girder 1	28.3167	0.95	1	1	3.018978
Annual Perm 2_serv	BOBJ1	11	28.3167	After	Interior Girder 2	28.3167	0.95	1	1	3.175104
Annual Perm 2_serv	BOBJ1	11	28.3167	After	Interior Girder 3	28.3167	0.95	1	1	2.959942
Annual Perm 2_serv	BOBJ1	11	28.3167	After	Interior Girder 4	28.3167	0.95	1	1	2.959942
Annual Perm 2_serv	BOBJ1	11	28.3167	After	Interior Girder 5	28.3167	0.95	1	1	3.175104
Annual Perm 2_serv	BOBJ1	11	28.3167	After	Interior Girder 6	28.3167	0.95	1	1	3.018978
Annual Perm 2_serv	BOBJ1	11	28.3167	After	Right Exterior Girder	28.3167	0.95	1	1	3.567508
Annual Perm 2_serv	BOBJ1	12	33.9333	Before	Left Exterior Girder	33.9333	0.95	1	1	4.28919
Annual Perm 2_serv	BOBJ1	12	33.9333	Before	Interior Girder 1	33.9333	0.95	1	1	3.454819
Annual Perm 2_serv	BOBJ1	12	33.9333	Before	Interior Girder 2	33.9333	0.95	1	1	3.592973
Annual Perm 2_serv	BOBJ1	12	33.9333	Before	Interior Girder 3	33.9333	0.95	1	1	3.359478
Annual Perm 2_serv	BOBJ1	12	33.9333	Before	Interior Girder 4	33.9333	0.95	1	1	3.359478
Annual Perm 2_serv	BOBJ1	12	33.9333	Before	Interior Girder 5	33.9333	0.95	1	1	3.592973
Annual Perm 2_serv	BOBJ1	12	33.9333	Before	Interior Girder 6	33.9333	0.95	1	1	3.454819
Annual Perm 2_serv	BOBJ1	12	33.9333	Before	Right Exterior Girder	33.9333	0.95	1	1	4.28919
Annual Perm 2_serv	BOBJ1	13	33.9333	After	Left Exterior Girder	33.9333	0.95	1	1	4.235884
Annual Perm 2_serv	BOBJ1	13	33.9333	After	Interior Girder 1	33.9333	0.95	1	1	3.478465
Annual Perm 2_serv	BOBJ1	13	33.9333	After	Interior Girder 2	33.9333	0.95	1	1	3.590682
Annual Perm 2_serv	BOBJ1	13	33.9333	After	Interior Girder 3	33.9333	0.95	1	1	3.332235
Annual Perm 2_serv	BOBJ1	13	33.9333	After	Interior Girder 4	33.9333	0.95	1	1	3.332235
Annual Perm 2_serv	BOBJ1	13	33.9333	After	Interior Girder 5	33.9333	0.95	1	1	3.590682
Annual Perm 2_serv	BOBJ1	13	33.9333	After	Interior Girder 6	33.9333	0.95	1	1	3.478465
Annual Perm 2_serv	BOBJ1	13	33.9333	After	Right Exterior Girder	33.9333	0.95	1	1	4.235884
Annual Perm 2_serv	BOBJ1	14	39.55	Before	Left Exterior Girder	39.55	0.95	1	1	5.245636
Annual Perm 2_serv	BOBJ1	14	39.55	Before	Interior Girder 1	39.55	0.95	1	1	4.955314
Annual Perm 2_serv	BOBJ1	14	39.55	Before	Interior Girder 2	39.55	0.95	1	1	5.066705
Annual Perm 2_serv	BOBJ1	14	39.55	Before	Interior Girder 3	39.55	0.95	1	1	4.767346
Annual Perm 2_serv	BOBJ1	14	39.55	Before	Interior Girder 4	39.55	0.95	1	1	4.767346
Annual Perm 2_serv	BOBJ1	14	39.55	Before	Interior Girder 5	39.55	0.95	1	1	5.066705
Annual Perm 2_serv	BOBJ1	14	39.55	Before	Interior Girder 6	39.55	0.95	1	1	4.955314
Annual Perm 2_serv	BOBJ1	14	39.55	Before	Right Exterior Girder	39.55	0.95	1	1	5.245636
Annual Perm 2_serv	BOBJ1	15	39.55	After	Left Exterior Girder	39.55	0.95	1	1	5.300224
Annual Perm 2_serv	BOBJ1	15	39.55	After	Interior Girder 1	39.55	0.95	1	1	4.963061
Annual Perm 2_serv	BOBJ1	15	39.55	After	Interior Girder 2	39.55	0.95	1	1	4.99939
Annual Perm 2_serv	BOBJ1	15	39.55	After	Interior Girder 3	39.55	0.95	1	1	4.63416
Annual Perm 2_serv	BOBJ1	15	39.55	After	Interior Girder 4	39.55	0.95	1	1	4.63416
Annual Perm 2_serv	BOBJ1	15	39.55	After	Interior Girder 5	39.55	0.95	1	1	4.99939
Annual Perm 2_serv	BOBJ1	15	39.55	After	Interior Girder 6	39.55	0.95	1	1	4.963061
Annual Perm 2_serv	BOBJ1	15	39.55	After	Right Exterior Girder	39.55	0.95	1	1	5.300224
Annual Perm 2_serv	BOBJ1	16	45.1733	Before	Left Exterior Girder	45.1226	0.95	1	1	4.050276
Annual Perm 2_serv	BOBJ1	16	45.1733	Before	Interior Girder 1	45.1226	0.95	1	1	4.140312
Annual Perm 2_serv	BOBJ1	16	45.1733	Before	Interior Girder 2	45.1226	0.95	1	1	4.627939
Annual Perm 2_serv	BOBJ1	16	45.1733	Before	Interior Girder 3	45.1226	0.95	1	1	4.596467
Annual Perm 2_serv	BOBJ1	16	45.1733	Before	Interior Girder 4	45.1226	0.95	1	1	4.596467
Annual Perm 2_serv	BOBJ1	16	45.1733	Before	Interior Girder 5	45.1226	0.95	1	1	4.627939
Annual Perm 2_serv	BOBJ1	16	45.1733	Before	Interior Girder 6	45.1226	0.95	1	1	4.140312
Annual Perm 2_serv	BOBJ1	16	45.1733	Before	Right Exterior Girder	45.1226	0.95	1	1	4.050276
Annual Perm 2_serv	BOBJ1	17	45.1733	After	Left Exterior Girder	45.1226	0.95	1	1	3.257863
Annual Perm 2_serv	BOBJ1	17	45.1733	After	Interior Girder 1	45.1226	0.95	1	1	3.316824

TABLE: Bridge Super Rating AASHTORATE18 31 - SteelCompServ-Flx - Approach, Span 12-15										
Request	BridgeObj	BridgeCut	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	Unitless	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Annual Perm 2_serv	BOBJ1	17	45.1733	After	Interior Girder 2	45.1226	0.95	1	1	3.698382
Annual Perm 2_serv	BOBJ1	17	45.1733	After	Interior Girder 3	45.1226	0.95	1	1	3.661699
Annual Perm 2_serv	BOBJ1	17	45.1733	After	Interior Girder 4	45.1226	0.95	1	1	3.661699
Annual Perm 2_serv	BOBJ1	17	45.1733	After	Interior Girder 5	45.1226	0.95	1	1	3.698382
Annual Perm 2_serv	BOBJ1	17	45.1733	After	Interior Girder 6	45.1226	0.95	1	1	3.316824
Annual Perm 2_serv	BOBJ1	17	45.1733	After	Right Exterior Girder	45.1226	0.95	1	1	3.257863
Annual Perm 2_serv	BOBJ1	18	49.2561	Before	Left Exterior Girder	49.2561	0.95	1	1	2.493852
Annual Perm 2_serv	BOBJ1	18	49.2561	Before	Right Exterior Girder	49.2561	0.95	1	1	2.493852
Annual Perm 2_serv	BOBJ1	19	49.2561	After	Left Exterior Girder	49.2561	0.95	1	1	2.523505
Annual Perm 2_serv	BOBJ1	19	49.2561	After	Right Exterior Girder	49.2561	0.95	1	1	2.523505
Annual Perm 2_serv	BOBJ1	20	50.7967	Before	Left Exterior Girder	50.7967	0.95	1	1	5.06207
Annual Perm 2_serv	BOBJ1	20	50.7967	Before	Interior Girder 1	50.7967	0.95	1	1	2.516647
Annual Perm 2_serv	BOBJ1	20	50.7967	Before	Interior Girder 2	50.7967	0.95	1	1	2.762064
Annual Perm 2_serv	BOBJ1	20	50.7967	Before	Interior Girder 3	50.7967	0.95	1	1	2.551378
Annual Perm 2_serv	BOBJ1	20	50.7967	Before	Interior Girder 4	50.7967	0.95	1	1	2.551378
Annual Perm 2_serv	BOBJ1	20	50.7967	Before	Interior Girder 5	50.7967	0.95	1	1	2.762064
Annual Perm 2_serv	BOBJ1	20	50.7967	Before	Interior Girder 6	50.7967	0.95	1	1	2.516647
Annual Perm 2_serv	BOBJ1	20	50.7967	Before	Right Exterior Girder	50.7967	0.95	1	1	5.06207
Annual Perm 2_serv	BOBJ1	21	50.7967	After	Left Exterior Girder	50.7967	0.95	1	1	5.031314
Annual Perm 2_serv	BOBJ1	21	50.7967	After	Interior Girder 1	50.7967	0.95	1	1	2.512054
Annual Perm 2_serv	BOBJ1	21	50.7967	After	Interior Girder 2	50.7967	0.95	1	1	2.746583
Annual Perm 2_serv	BOBJ1	21	50.7967	After	Interior Girder 3	50.7967	0.95	1	1	2.540528
Annual Perm 2_serv	BOBJ1	21	50.7967	After	Interior Girder 4	50.7967	0.95	1	1	2.540528
Annual Perm 2_serv	BOBJ1	21	50.7967	After	Interior Girder 5	50.7967	0.95	1	1	2.746583
Annual Perm 2_serv	BOBJ1	21	50.7967	After	Interior Girder 6	50.7967	0.95	1	1	2.512054
Annual Perm 2_serv	BOBJ1	21	50.7967	After	Right Exterior Girder	50.7967	0.95	1	1	5.031314
Annual Perm 2_serv	BOBJ1	22	51.3989	Before	Interior Girder 1	51.3989	0.95	1	1	2.421273
Annual Perm 2_serv	BOBJ1	22	51.3989	Before	Interior Girder 2	51.3989	0.95	1	1	2.656871
Annual Perm 2_serv	BOBJ1	22	51.3989	Before	Interior Girder 3	51.3989	0.95	1	1	2.435431
Annual Perm 2_serv	BOBJ1	22	51.3989	Before	Interior Girder 4	51.3989	0.95	1	1	2.435431
Annual Perm 2_serv	BOBJ1	22	51.3989	Before	Interior Girder 5	51.3989	0.95	1	1	2.656871
Annual Perm 2_serv	BOBJ1	22	51.3989	Before	Interior Girder 6	51.3989	0.95	1	1	2.421273
Annual Perm 2_serv	BOBJ1	23	51.3989	After	Interior Girder 1	51.3989	0.95	1	1	3.562236
Annual Perm 2_serv	BOBJ1	23	51.3989	After	Interior Girder 2	51.3989	0.95	1	1	3.88374
Annual Perm 2_serv	BOBJ1	23	51.3989	After	Interior Girder 3	51.3989	0.95	1	1	3.582626
Annual Perm 2_serv	BOBJ1	23	51.3989	After	Interior Girder 4	51.3989	0.95	1	1	3.582626
Annual Perm 2_serv	BOBJ1	23	51.3989	After	Interior Girder 5	51.3989	0.95	1	1	3.88374
Annual Perm 2_serv	BOBJ1	23	51.3989	After	Interior Girder 6	51.3989	0.95	1	1	3.562236
Annual Perm 2_serv	BOBJ1	24	56.42	Before	Left Exterior Girder	56.42	0.95	1	1	3.483299
Annual Perm 2_serv	BOBJ1	24	56.42	Before	Interior Girder 1	56.42	0.95	1	1	2.208164
Annual Perm 2_serv	BOBJ1	24	56.42	Before	Interior Girder 2	56.42	0.95	1	1	2.236114
Annual Perm 2_serv	BOBJ1	24	56.42	Before	Interior Girder 3	56.42	0.95	1	1	1.786036
Annual Perm 2_serv	BOBJ1	24	56.42	Before	Interior Girder 4	56.42	0.95	1	1	1.786036
Annual Perm 2_serv	BOBJ1	24	56.42	Before	Interior Girder 5	56.42	0.95	1	1	2.236114
Annual Perm 2_serv	BOBJ1	24	56.42	Before	Interior Girder 6	56.42	0.95	1	1	2.208164
Annual Perm 2_serv	BOBJ1	24	56.42	Before	Right Exterior Girder	56.42	0.95	1	1	3.483299
Annual Perm 2_serv	BOBJ1	25	56.42	After	Left Exterior Girder	0	0.95	1	1	3.625769
Annual Perm 2_serv	BOBJ1	25	56.42	After	Interior Girder 1	0	0.95	1	1	2.185806
Annual Perm 2_serv	BOBJ1	25	56.42	After	Interior Girder 2	0	0.95	1	1	2.206098
Annual Perm 2_serv	BOBJ1	25	56.42	After	Interior Girder 3	0	0.95	1	1	1.754765
Annual Perm 2_serv	BOBJ1	25	56.42	After	Interior Girder 4	0	0.95	1	1	1.754765
Annual Perm 2_serv	BOBJ1	25	56.42	After	Interior Girder 5	0	0.95	1	1	2.206098
Annual Perm 2_serv	BOBJ1	25	56.42	After	Interior Girder 6	0	0.95	1	1	2.185806
Annual Perm 2_serv	BOBJ1	25	56.42	After	Right Exterior Girder	0	0.95	1	1	3.625769
Annual Perm 2_serv	BOBJ1	26	62.0367	Before	Left Exterior Girder	5.6167	0.95	1	1	7.109368
Annual Perm 2_serv	BOBJ1	26	62.0367	Before	Interior Girder 1	5.6167	0.95	1	1	4.826584
Annual Perm 2_serv	BOBJ1	26	62.0367	Before	Interior Girder 2	5.6167	0.95	1	1	5.001431
Annual Perm 2_serv	BOBJ1	26	62.0367	Before	Interior Girder 3	5.6167	0.95	1	1	4.358934
Annual Perm 2_serv	BOBJ1	26	62.0367	Before	Interior Girder 4	5.6167	0.95	1	1	4.358934
Annual Perm 2_serv	BOBJ1	26	62.0367	Before	Interior Girder 5	5.6167	0.95	1	1	5.001431
Annual Perm 2_serv	BOBJ1	26	62.0367	Before	Interior Girder 6	5.6167	0.95	1	1	4.826584
Annual Perm 2_serv	BOBJ1	26	62.0367	Before	Right Exterior Girder	5.6167	0.95	1	1	7.109368
Annual Perm 2_serv	BOBJ1	27	62.0367	After	Left Exterior Girder	5.6167	0.95	1	1	7.013811
Annual Perm 2_serv	BOBJ1	27	62.0367	After	Interior Girder 1	5.6167	0.95	1	1	4.930764
Annual Perm 2_serv	BOBJ1	27	62.0367	After	Interior Girder 2	5.6167	0.95	1	1	5.05751
Annual Perm 2_serv	BOBJ1	27	62.0367	After	Interior Girder 3	5.6167	0.95	1	1	4.381192
Annual Perm 2_serv	BOBJ1	27	62.0367	After	Interior Girder 4	5.6167	0.95	1	1	4.381192
Annual Perm 2_serv	BOBJ1	27	62.0367	After	Interior Girder 5	5.6167	0.95	1	1	5.05751
Annual Perm 2_serv	BOBJ1	27	62.0367	After	Interior Girder 6	5.6167	0.95	1	1	4.930764
Annual Perm 2_serv	BOBJ1	27	62.0367	After	Right Exterior Girder	5.6167	0.95	1	1	7.013811
Annual Perm 2_serv	BOBJ1	28	62.4203	Before	Interior Girder 1	6.0003	0.95	1	1	5.0595
Annual Perm 2_serv	BOBJ1	28	62.4203	Before	Interior Girder 2	6.0003	0.95	1	1	5.23247
Annual Perm 2_serv	BOBJ1	28	62.4203	Before	Interior Girder 3	6.0003	0.95	1	1	4.610384

TABLE: Bridge Super Rating AASHTORATE18 31 - SteelICompServ-Flx - Approach, Span 12-15										
Request	BridgeObj	BridgeCut	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	Unitless	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Annual Perm 2_serv	BOBJ1	28	62.4203	Before	Interior Girder 4	6.0003	0.95	1	1	4.610384
Annual Perm 2_serv	BOBJ1	28	62.4203	Before	Interior Girder 5	6.0003	0.95	1	1	5.23247
Annual Perm 2_serv	BOBJ1	28	62.4203	Before	Interior Girder 6	6.0003	0.95	1	1	5.0595
Annual Perm 2_serv	BOBJ1	29	62.4203	After	Interior Girder 1	6.0003	0.95	1	1	3.421835
Annual Perm 2_serv	BOBJ1	29	62.4203	After	Interior Girder 2	6.0003	0.95	1	1	3.527396
Annual Perm 2_serv	BOBJ1	29	62.4203	After	Interior Girder 3	6.0003	0.95	1	1	3.043893
Annual Perm 2_serv	BOBJ1	29	62.4203	After	Interior Girder 4	6.0003	0.95	1	1	3.043893
Annual Perm 2_serv	BOBJ1	29	62.4203	After	Interior Girder 5	6.0003	0.95	1	1	3.527396
Annual Perm 2_serv	BOBJ1	29	62.4203	After	Interior Girder 6	6.0003	0.95	1	1	3.421835
Annual Perm 2_serv	BOBJ1	30	64.9204	Before	Left Exterior Girder	8.5004	0.95	1	1	7.951844
Annual Perm 2_serv	BOBJ1	30	64.9204	Before	Right Exterior Girder	8.5004	0.95	1	1	7.951844
Annual Perm 2_serv	BOBJ1	31	64.9204	After	Left Exterior Girder	8.5004	0.95	1	1	3.779599
Annual Perm 2_serv	BOBJ1	31	64.9204	After	Right Exterior Girder	8.5004	0.95	1	1	3.779599
Annual Perm 2_serv	BOBJ1	32	67.6533	Before	Left Exterior Girder	11.2333	0.95	1	1	4.488964
Annual Perm 2_serv	BOBJ1	32	67.6533	Before	Interior Girder 1	11.2333	0.95	1	1	4.441928
Annual Perm 2_serv	BOBJ1	32	67.6533	Before	Interior Girder 2	11.2333	0.95	1	1	4.823972
Annual Perm 2_serv	BOBJ1	32	67.6533	Before	Interior Girder 3	11.2333	0.95	1	1	4.609732
Annual Perm 2_serv	BOBJ1	32	67.6533	Before	Interior Girder 4	11.2333	0.95	1	1	4.609732
Annual Perm 2_serv	BOBJ1	32	67.6533	Before	Interior Girder 5	11.2333	0.95	1	1	4.823972
Annual Perm 2_serv	BOBJ1	32	67.6533	Before	Interior Girder 6	11.2333	0.95	1	1	4.441928
Annual Perm 2_serv	BOBJ1	32	67.6533	Before	Right Exterior Girder	11.2333	0.95	1	1	4.488964
Annual Perm 2_serv	BOBJ1	33	67.6533	After	Left Exterior Girder	11.2333	0.95	1	1	4.448806
Annual Perm 2_serv	BOBJ1	33	67.6533	After	Interior Girder 1	11.2333	0.95	1	1	4.476749
Annual Perm 2_serv	BOBJ1	33	67.6533	After	Interior Girder 2	11.2333	0.95	1	1	4.881864
Annual Perm 2_serv	BOBJ1	33	67.6533	After	Interior Girder 3	11.2333	0.95	1	1	4.658493
Annual Perm 2_serv	BOBJ1	33	67.6533	After	Interior Girder 4	11.2333	0.95	1	1	4.658493
Annual Perm 2_serv	BOBJ1	33	67.6533	After	Interior Girder 5	11.2333	0.95	1	1	4.881864
Annual Perm 2_serv	BOBJ1	33	67.6533	After	Interior Girder 6	11.2333	0.95	1	1	4.476749
Annual Perm 2_serv	BOBJ1	33	67.6533	After	Right Exterior Girder	11.2333	0.95	1	1	4.448806
Annual Perm 2_serv	BOBJ1	34	73.27	Before	Left Exterior Girder	16.85	0.95	1	1	5.754021
Annual Perm 2_serv	BOBJ1	34	73.27	Before	Interior Girder 1	16.85	0.95	1	1	5.02973
Annual Perm 2_serv	BOBJ1	34	73.27	Before	Interior Girder 2	16.85	0.95	1	1	4.988787
Annual Perm 2_serv	BOBJ1	34	73.27	Before	Interior Girder 3	16.85	0.95	1	1	4.597546
Annual Perm 2_serv	BOBJ1	34	73.27	Before	Interior Girder 4	16.85	0.95	1	1	4.597546
Annual Perm 2_serv	BOBJ1	34	73.27	Before	Interior Girder 5	16.85	0.95	1	1	4.988787
Annual Perm 2_serv	BOBJ1	34	73.27	Before	Interior Girder 6	16.85	0.95	1	1	5.02973
Annual Perm 2_serv	BOBJ1	34	73.27	Before	Right Exterior Girder	16.85	0.95	1	1	5.754021
Annual Perm 2_serv	BOBJ1	35	73.27	After	Left Exterior Girder	16.85	0.95	1	1	5.842297
Annual Perm 2_serv	BOBJ1	35	73.27	After	Interior Girder 1	16.85	0.95	1	1	4.95897
Annual Perm 2_serv	BOBJ1	35	73.27	After	Interior Girder 2	16.85	0.95	1	1	5.003619
Annual Perm 2_serv	BOBJ1	35	73.27	After	Interior Girder 3	16.85	0.95	1	1	4.707555
Annual Perm 2_serv	BOBJ1	35	73.27	After	Interior Girder 4	16.85	0.95	1	1	4.707555
Annual Perm 2_serv	BOBJ1	35	73.27	After	Interior Girder 5	16.85	0.95	1	1	5.003619
Annual Perm 2_serv	BOBJ1	35	73.27	After	Interior Girder 6	16.85	0.95	1	1	4.95897
Annual Perm 2_serv	BOBJ1	35	73.27	After	Right Exterior Girder	16.85	0.95	1	1	5.842297
Annual Perm 2_serv	BOBJ1	36	78.8867	Before	Left Exterior Girder	22.4667	0.95	1	1	3.825245
Annual Perm 2_serv	BOBJ1	36	78.8867	Before	Interior Girder 1	22.4667	0.95	1	1	3.289985
Annual Perm 2_serv	BOBJ1	36	78.8867	Before	Interior Girder 2	22.4667	0.95	1	1	3.374682
Annual Perm 2_serv	BOBJ1	36	78.8867	Before	Interior Girder 3	22.4667	0.95	1	1	3.12491
Annual Perm 2_serv	BOBJ1	36	78.8867	Before	Interior Girder 4	22.4667	0.95	1	1	3.12491
Annual Perm 2_serv	BOBJ1	36	78.8867	Before	Interior Girder 5	22.4667	0.95	1	1	3.374682
Annual Perm 2_serv	BOBJ1	36	78.8867	Before	Interior Girder 6	22.4667	0.95	1	1	3.289985
Annual Perm 2_serv	BOBJ1	36	78.8867	Before	Right Exterior Girder	22.4667	0.95	1	1	3.825245
Annual Perm 2_serv	BOBJ1	37	78.8867	After	Left Exterior Girder	22.4667	0.95	1	1	3.899387
Annual Perm 2_serv	BOBJ1	37	78.8867	After	Interior Girder 1	22.4667	0.95	1	1	3.253368
Annual Perm 2_serv	BOBJ1	37	78.8867	After	Interior Girder 2	22.4667	0.95	1	1	3.365987
Annual Perm 2_serv	BOBJ1	37	78.8867	After	Interior Girder 3	22.4667	0.95	1	1	3.154358
Annual Perm 2_serv	BOBJ1	37	78.8867	After	Interior Girder 4	22.4667	0.95	1	1	3.154358
Annual Perm 2_serv	BOBJ1	37	78.8867	After	Interior Girder 5	22.4667	0.95	1	1	3.365987
Annual Perm 2_serv	BOBJ1	37	78.8867	After	Interior Girder 6	22.4667	0.95	1	1	3.253368
Annual Perm 2_serv	BOBJ1	37	78.8867	After	Right Exterior Girder	22.4667	0.95	1	1	3.899387
Annual Perm 2_serv	BOBJ1	38	84.5033	Before	Left Exterior Girder	28.0833	0.95	1	1	3.024229
Annual Perm 2_serv	BOBJ1	38	84.5033	Before	Interior Girder 1	28.0833	0.95	1	1	2.742102
Annual Perm 2_serv	BOBJ1	38	84.5033	Before	Interior Girder 2	28.0833	0.95	1	1	2.898433
Annual Perm 2_serv	BOBJ1	38	84.5033	Before	Interior Girder 3	28.0833	0.95	1	1	2.717238
Annual Perm 2_serv	BOBJ1	38	84.5033	Before	Interior Girder 4	28.0833	0.95	1	1	2.717238
Annual Perm 2_serv	BOBJ1	38	84.5033	Before	Interior Girder 5	28.0833	0.95	1	1	2.898433
Annual Perm 2_serv	BOBJ1	38	84.5033	Before	Interior Girder 6	28.0833	0.95	1	1	2.742102
Annual Perm 2_serv	BOBJ1	38	84.5033	Before	Right Exterior Girder	28.0833	0.95	1	1	3.024229
Annual Perm 2_serv	BOBJ1	39	84.5033	After	Left Exterior Girder	28.0833	0.95	1	1	3.028971
Annual Perm 2_serv	BOBJ1	39	84.5033	After	Interior Girder 1	28.0833	0.95	1	1	2.74827
Annual Perm 2_serv	BOBJ1	39	84.5033	After	Interior Girder 2	28.0833	0.95	1	1	2.916224
Annual Perm 2_serv	BOBJ1	39	84.5033	After	Interior Girder 3	28.0833	0.95	1	1	2.747648

TABLE: Bridge Super Rating AASHTORATE18 31 - SteelCompServ-Flx - Approach, Span 12-15										
Request	BridgeObj	BridgeCut	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	Unitless	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Annual Perm 2_serv	BOBJ1	39	84.5033	After	Interior Girder 4	28.0833	0.95	1	1	2.747648
Annual Perm 2_serv	BOBJ1	39	84.5033	After	Interior Girder 5	28.0833	0.95	1	1	2.916224
Annual Perm 2_serv	BOBJ1	39	84.5033	After	Interior Girder 6	28.0833	0.95	1	1	2.74827
Annual Perm 2_serv	BOBJ1	39	84.5033	After	Right Exterior Girder	28.0833	0.95	1	1	3.028971
Annual Perm 2_serv	BOBJ1	40	90.12	Before	Left Exterior Girder	33.7	0.95	1	1	2.698231
Annual Perm 2_serv	BOBJ1	40	90.12	Before	Interior Girder 1	33.7	0.95	1	1	2.701892
Annual Perm 2_serv	BOBJ1	40	90.12	Before	Interior Girder 2	33.7	0.95	1	1	2.939595
Annual Perm 2_serv	BOBJ1	40	90.12	Before	Interior Girder 3	33.7	0.95	1	1	2.815708
Annual Perm 2_serv	BOBJ1	40	90.12	Before	Interior Girder 4	33.7	0.95	1	1	2.815708
Annual Perm 2_serv	BOBJ1	40	90.12	Before	Interior Girder 5	33.7	0.95	1	1	2.939595
Annual Perm 2_serv	BOBJ1	40	90.12	Before	Interior Girder 6	33.7	0.95	1	1	2.701892
Annual Perm 2_serv	BOBJ1	40	90.12	Before	Right Exterior Girder	33.7	0.95	1	1	2.698231
Annual Perm 2_serv	BOBJ1	41	90.12	After	Left Exterior Girder	33.7	0.95	1	1	2.706516
Annual Perm 2_serv	BOBJ1	41	90.12	After	Interior Girder 1	33.7	0.95	1	1	2.694187
Annual Perm 2_serv	BOBJ1	41	90.12	After	Interior Girder 2	33.7	0.95	1	1	2.933552
Annual Perm 2_serv	BOBJ1	41	90.12	After	Interior Girder 3	33.7	0.95	1	1	2.805711
Annual Perm 2_serv	BOBJ1	41	90.12	After	Interior Girder 4	33.7	0.95	1	1	2.805711
Annual Perm 2_serv	BOBJ1	41	90.12	After	Interior Girder 5	33.7	0.95	1	1	2.933552
Annual Perm 2_serv	BOBJ1	41	90.12	After	Interior Girder 6	33.7	0.95	1	1	2.694187
Annual Perm 2_serv	BOBJ1	41	90.12	After	Right Exterior Girder	33.7	0.95	1	1	2.706516
Annual Perm 2_serv	BOBJ1	42	95.7367	Before	Left Exterior Girder	39.3167	0.95	1	1	3.00071
Annual Perm 2_serv	BOBJ1	42	95.7367	Before	Interior Girder 1	39.3167	0.95	1	1	2.727955
Annual Perm 2_serv	BOBJ1	42	95.7367	Before	Interior Girder 2	39.3167	0.95	1	1	2.895682
Annual Perm 2_serv	BOBJ1	42	95.7367	Before	Interior Girder 3	39.3167	0.95	1	1	2.732238
Annual Perm 2_serv	BOBJ1	42	95.7367	Before	Interior Girder 4	39.3167	0.95	1	1	2.732238
Annual Perm 2_serv	BOBJ1	42	95.7367	Before	Interior Girder 5	39.3167	0.95	1	1	2.895682
Annual Perm 2_serv	BOBJ1	42	95.7367	Before	Interior Girder 6	39.3167	0.95	1	1	2.727955
Annual Perm 2_serv	BOBJ1	42	95.7367	Before	Right Exterior Girder	39.3167	0.95	1	1	3.00071
Annual Perm 2_serv	BOBJ1	43	95.7367	After	Left Exterior Girder	39.3167	0.95	1	1	2.99841
Annual Perm 2_serv	BOBJ1	43	95.7367	After	Interior Girder 1	39.3167	0.95	1	1	2.720438
Annual Perm 2_serv	BOBJ1	43	95.7367	After	Interior Girder 2	39.3167	0.95	1	1	2.878183
Annual Perm 2_serv	BOBJ1	43	95.7367	After	Interior Girder 3	39.3167	0.95	1	1	2.702928
Annual Perm 2_serv	BOBJ1	43	95.7367	After	Interior Girder 4	39.3167	0.95	1	1	2.702928
Annual Perm 2_serv	BOBJ1	43	95.7367	After	Interior Girder 5	39.3167	0.95	1	1	2.878183
Annual Perm 2_serv	BOBJ1	43	95.7367	After	Interior Girder 6	39.3167	0.95	1	1	2.720438
Annual Perm 2_serv	BOBJ1	43	95.7367	After	Right Exterior Girder	39.3167	0.95	1	1	2.99841
Annual Perm 2_serv	BOBJ1	44	101.3533	Before	Left Exterior Girder	44.9333	0.95	1	1	3.803882
Annual Perm 2_serv	BOBJ1	44	101.3533	Before	Interior Girder 1	44.9333	0.95	1	1	3.207088
Annual Perm 2_serv	BOBJ1	44	101.3533	Before	Interior Girder 2	44.9333	0.95	1	1	3.326004
Annual Perm 2_serv	BOBJ1	44	101.3533	Before	Interior Girder 3	44.9333	0.95	1	1	3.1279
Annual Perm 2_serv	BOBJ1	44	101.3533	Before	Interior Girder 4	44.9333	0.95	1	1	3.1279
Annual Perm 2_serv	BOBJ1	44	101.3533	Before	Interior Girder 5	44.9333	0.95	1	1	3.326004
Annual Perm 2_serv	BOBJ1	44	101.3533	Before	Interior Girder 6	44.9333	0.95	1	1	3.207088
Annual Perm 2_serv	BOBJ1	44	101.3533	Before	Right Exterior Girder	44.9333	0.95	1	1	3.803882
Annual Perm 2_serv	BOBJ1	45	101.3533	After	Left Exterior Girder	44.9333	0.95	1	1	3.73441
Annual Perm 2_serv	BOBJ1	45	101.3533	After	Interior Girder 1	44.9333	0.95	1	1	3.241234
Annual Perm 2_serv	BOBJ1	45	101.3533	After	Interior Girder 2	44.9333	0.95	1	1	3.335879
Annual Perm 2_serv	BOBJ1	45	101.3533	After	Interior Girder 3	44.9333	0.95	1	1	3.100896
Annual Perm 2_serv	BOBJ1	45	101.3533	After	Interior Girder 4	44.9333	0.95	1	1	3.100896
Annual Perm 2_serv	BOBJ1	45	101.3533	After	Interior Girder 5	44.9333	0.95	1	1	3.335879
Annual Perm 2_serv	BOBJ1	45	101.3533	After	Interior Girder 6	44.9333	0.95	1	1	3.241234
Annual Perm 2_serv	BOBJ1	45	101.3533	After	Right Exterior Girder	44.9333	0.95	1	1	3.73441
Annual Perm 2_serv	BOBJ1	46	106.97	Before	Left Exterior Girder	50.55	0.95	1	1	4.479411
Annual Perm 2_serv	BOBJ1	46	106.97	Before	Interior Girder 1	50.55	0.95	1	1	4.505277
Annual Perm 2_serv	BOBJ1	46	106.97	Before	Interior Girder 2	50.55	0.95	1	1	4.894247
Annual Perm 2_serv	BOBJ1	46	106.97	Before	Interior Girder 3	50.55	0.95	1	1	4.637638
Annual Perm 2_serv	BOBJ1	46	106.97	Before	Interior Girder 4	50.55	0.95	1	1	4.637638
Annual Perm 2_serv	BOBJ1	46	106.97	Before	Interior Girder 5	50.55	0.95	1	1	4.894247
Annual Perm 2_serv	BOBJ1	46	106.97	Before	Interior Girder 6	50.55	0.95	1	1	4.505277
Annual Perm 2_serv	BOBJ1	46	106.97	Before	Right Exterior Girder	50.55	0.95	1	1	4.479411
Annual Perm 2_serv	BOBJ1	47	106.97	After	Left Exterior Girder	50.55	0.95	1	1	4.51586
Annual Perm 2_serv	BOBJ1	47	106.97	After	Interior Girder 1	50.55	0.95	1	1	4.480542
Annual Perm 2_serv	BOBJ1	47	106.97	After	Interior Girder 2	50.55	0.95	1	1	4.840297
Annual Perm 2_serv	BOBJ1	47	106.97	After	Interior Girder 3	50.55	0.95	1	1	4.491918
Annual Perm 2_serv	BOBJ1	47	106.97	After	Interior Girder 4	50.55	0.95	1	1	4.491918
Annual Perm 2_serv	BOBJ1	47	106.97	After	Interior Girder 5	50.55	0.95	1	1	4.840297
Annual Perm 2_serv	BOBJ1	47	106.97	After	Interior Girder 6	50.55	0.95	1	1	4.480542
Annual Perm 2_serv	BOBJ1	47	106.97	After	Right Exterior Girder	50.55	0.95	1	1	4.51586
Annual Perm 2_serv	BOBJ1	48	112.5933	Before	Left Exterior Girder	56.1733	0.95	1	1	3.339219
Annual Perm 2_serv	BOBJ1	48	112.5933	Before	Interior Girder 1	56.1733	0.95	1	1	3.47164
Annual Perm 2_serv	BOBJ1	48	112.5933	Before	Interior Girder 2	56.1733	0.95	1	1	3.855047
Annual Perm 2_serv	BOBJ1	48	112.5933	Before	Interior Girder 3	56.1733	0.95	1	1	3.782908
Annual Perm 2_serv	BOBJ1	48	112.5933	Before	Interior Girder 4	56.1733	0.95	1	1	3.782908

TABLE: Bridge Super Rating AASHTORATE18 31 - SteelICompServ-Flx - Approach, Span 12-15										
Request	BridgeObj	BridgeCut	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	Unitless	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Annual Perm 2_serv	BOBJ1	48	112.5933	Before	Interior Girder 5	56.1733	0.95	1	1	3.855047
Annual Perm 2_serv	BOBJ1	48	112.5933	Before	Interior Girder 6	56.1733	0.95	1	1	3.47164
Annual Perm 2_serv	BOBJ1	48	112.5933	Before	Right Exterior Girder	56.1733	0.95	1	1	3.339219
Annual Perm 2_serv	BOBJ1	49	112.5933	After	Left Exterior Girder	56.1733	0.95	1	1	3.364512
Annual Perm 2_serv	BOBJ1	49	112.5933	After	Interior Girder 1	56.1733	0.95	1	1	3.451813
Annual Perm 2_serv	BOBJ1	49	112.5933	After	Interior Girder 2	56.1733	0.95	1	1	3.830453
Annual Perm 2_serv	BOBJ1	49	112.5933	After	Interior Girder 3	56.1733	0.95	1	1	3.759264
Annual Perm 2_serv	BOBJ1	49	112.5933	After	Interior Girder 4	56.1733	0.95	1	1	3.759264
Annual Perm 2_serv	BOBJ1	49	112.5933	After	Interior Girder 5	56.1733	0.95	1	1	3.830453
Annual Perm 2_serv	BOBJ1	49	112.5933	After	Interior Girder 6	56.1733	0.95	1	1	3.451813
Annual Perm 2_serv	BOBJ1	49	112.5933	After	Right Exterior Girder	56.1733	0.95	1	1	3.364512
Annual Perm 2_serv	BOBJ1	50	115.3396	Before	Left Exterior Girder	58.9196	0.95	1	1	2.818994
Annual Perm 2_serv	BOBJ1	50	115.3396	Before	Right Exterior Girder	58.9196	0.95	1	1	2.818994
Annual Perm 2_serv	BOBJ1	51	115.3396	After	Left Exterior Girder	58.9196	0.95	1	1	5.972288
Annual Perm 2_serv	BOBJ1	51	115.3396	After	Right Exterior Girder	58.9196	0.95	1	1	5.972288
Annual Perm 2_serv	BOBJ1	52	118.2167	Before	Left Exterior Girder	61.7967	0.95	1	1	5.282233
Annual Perm 2_serv	BOBJ1	52	118.2167	Before	Interior Girder 1	61.9198	0.95	1	1	2.580764
Annual Perm 2_serv	BOBJ1	52	118.2167	Before	Interior Girder 2	61.9198	0.95	1	1	2.842726
Annual Perm 2_serv	BOBJ1	52	118.2167	Before	Interior Girder 3	61.9198	0.95	1	1	2.601707
Annual Perm 2_serv	BOBJ1	52	118.2167	Before	Interior Girder 4	61.9198	0.95	1	1	2.601707
Annual Perm 2_serv	BOBJ1	52	118.2167	Before	Interior Girder 5	61.9198	0.95	1	1	2.842726
Annual Perm 2_serv	BOBJ1	52	118.2167	Before	Interior Girder 6	61.9198	0.95	1	1	2.580764
Annual Perm 2_serv	BOBJ1	52	118.2167	Before	Right Exterior Girder	61.7967	0.95	1	1	5.282233
Annual Perm 2_serv	BOBJ1	53	118.2167	After	Left Exterior Girder	61.7967	0.95	1	1	5.303365
Annual Perm 2_serv	BOBJ1	53	118.2167	After	Interior Girder 1	61.9198	0.95	1	1	3.834188
Annual Perm 2_serv	BOBJ1	53	118.2167	After	Interior Girder 2	61.9198	0.95	1	1	4.144545
Annual Perm 2_serv	BOBJ1	53	118.2167	After	Interior Girder 3	61.9198	0.95	1	1	3.813558
Annual Perm 2_serv	BOBJ1	53	118.2167	After	Interior Girder 4	61.9198	0.95	1	1	3.813558
Annual Perm 2_serv	BOBJ1	53	118.2167	After	Interior Girder 5	61.9198	0.95	1	1	4.144545
Annual Perm 2_serv	BOBJ1	53	118.2167	After	Interior Girder 6	61.9198	0.95	1	1	3.834188
Annual Perm 2_serv	BOBJ1	53	118.2167	After	Right Exterior Girder	61.7967	0.95	1	1	5.303365
Annual Perm 2_serv	BOBJ1	54	123.84	Before	Left Exterior Girder	67.42	0.95	1	1	3.472645
Annual Perm 2_serv	BOBJ1	54	123.84	Before	Interior Girder 1	67.42	0.95	1	1	2.15624
Annual Perm 2_serv	BOBJ1	54	123.84	Before	Interior Girder 2	67.42	0.95	1	1	2.170487
Annual Perm 2_serv	BOBJ1	54	123.84	Before	Interior Girder 3	67.42	0.95	1	1	1.73129
Annual Perm 2_serv	BOBJ1	54	123.84	Before	Interior Girder 4	67.42	0.95	1	1	1.73129
Annual Perm 2_serv	BOBJ1	54	123.84	Before	Interior Girder 5	67.42	0.95	1	1	2.170487
Annual Perm 2_serv	BOBJ1	54	123.84	Before	Interior Girder 6	67.42	0.95	1	1	2.15624
Annual Perm 2_serv	BOBJ1	54	123.84	Before	Right Exterior Girder	67.42	0.95	1	1	3.472645
Annual Perm 2_serv	BOBJ1	55	123.84	After	Left Exterior Girder	0	0.95	1	1	3.439507
Annual Perm 2_serv	BOBJ1	55	123.84	After	Interior Girder 1	0	0.95	1	1	2.165174
Annual Perm 2_serv	BOBJ1	55	123.84	After	Interior Girder 2	0	0.95	1	1	2.186162
Annual Perm 2_serv	BOBJ1	55	123.84	After	Interior Girder 3	0	0.95	1	1	1.733502
Annual Perm 2_serv	BOBJ1	55	123.84	After	Interior Girder 4	0	0.95	1	1	1.733502
Annual Perm 2_serv	BOBJ1	55	123.84	After	Interior Girder 5	0	0.95	1	1	2.186162
Annual Perm 2_serv	BOBJ1	55	123.84	After	Interior Girder 6	0	0.95	1	1	2.165174
Annual Perm 2_serv	BOBJ1	55	123.84	After	Right Exterior Girder	0	0.95	1	1	3.439507
Annual Perm 2_serv	BOBJ1	56	129.34	Before	Interior Girder 1	5.5	0.95	1	1	3.881957
Annual Perm 2_serv	BOBJ1	56	129.34	Before	Interior Girder 2	5.5	0.95	1	1	4.210959
Annual Perm 2_serv	BOBJ1	56	129.34	Before	Interior Girder 3	5.5	0.95	1	1	3.866721
Annual Perm 2_serv	BOBJ1	56	129.34	Before	Interior Girder 4	5.5	0.95	1	1	3.866721
Annual Perm 2_serv	BOBJ1	56	129.34	Before	Interior Girder 5	5.5	0.95	1	1	4.210959
Annual Perm 2_serv	BOBJ1	56	129.34	Before	Interior Girder 6	5.5	0.95	1	1	3.881957
Annual Perm 2_serv	BOBJ1	57	129.34	After	Interior Girder 1	5.5	0.95	1	1	2.649177
Annual Perm 2_serv	BOBJ1	57	129.34	After	Interior Girder 2	5.5	0.95	1	1	2.888364
Annual Perm 2_serv	BOBJ1	57	129.34	After	Interior Girder 3	5.5	0.95	1	1	2.639358
Annual Perm 2_serv	BOBJ1	57	129.34	After	Interior Girder 4	5.5	0.95	1	1	2.639358
Annual Perm 2_serv	BOBJ1	57	129.34	After	Interior Girder 5	5.5	0.95	1	1	2.888364
Annual Perm 2_serv	BOBJ1	57	129.34	After	Interior Girder 6	5.5	0.95	1	1	2.649177
Annual Perm 2_serv	BOBJ1	58	130.79	Before	Left Exterior Girder	6.95	0.95	1	1	5.67518
Annual Perm 2_serv	BOBJ1	58	130.79	Before	Interior Girder 1	6.95	0.95	1	1	2.882241
Annual Perm 2_serv	BOBJ1	58	130.79	Before	Interior Girder 2	6.95	0.95	1	1	3.127256
Annual Perm 2_serv	BOBJ1	58	130.79	Before	Interior Girder 3	6.95	0.95	1	1	2.926889
Annual Perm 2_serv	BOBJ1	58	130.79	Before	Interior Girder 4	6.95	0.95	1	1	2.926889
Annual Perm 2_serv	BOBJ1	58	130.79	Before	Interior Girder 5	6.95	0.95	1	1	3.127256
Annual Perm 2_serv	BOBJ1	58	130.79	Before	Interior Girder 6	6.95	0.95	1	1	2.882241
Annual Perm 2_serv	BOBJ1	58	130.79	Before	Right Exterior Girder	6.95	0.95	1	1	5.67518
Annual Perm 2_serv	BOBJ1	59	130.79	After	Left Exterior Girder	6.95	0.95	1	1	5.717291
Annual Perm 2_serv	BOBJ1	59	130.79	After	Interior Girder 1	6.95	0.95	1	1	2.871592
Annual Perm 2_serv	BOBJ1	59	130.79	After	Interior Girder 2	6.95	0.95	1	1	3.149203
Annual Perm 2_serv	BOBJ1	59	130.79	After	Interior Girder 3	6.95	0.95	1	1	2.946851
Annual Perm 2_serv	BOBJ1	59	130.79	After	Interior Girder 4	6.95	0.95	1	1	2.946851
Annual Perm 2_serv	BOBJ1	59	130.79	After	Interior Girder 5	6.95	0.95	1	1	3.149203

TABLE: Bridge Super Rating AASHTORATE18 31 - SteelICompServ-Flx - Approach, Span 12-15										
Request	BridgeObj	BridgeCut	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	Unitless	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Annual Perm 2_serv	BOBJ1	59	130.79	After	Interior Girder 6	6.95	0.95	1	1	2.871592
Annual Perm 2_serv	BOBJ1	59	130.79	After	Right Exterior Girder	6.95	0.95	1	1	5.717291
Annual Perm 2_serv	BOBJ1	60	132.34	Before	Left Exterior Girder	8.5	0.95	1	1	6.136269
Annual Perm 2_serv	BOBJ1	60	132.34	Before	Right Exterior Girder	8.5	0.95	1	1	6.136269
Annual Perm 2_serv	BOBJ1	61	132.34	After	Left Exterior Girder	8.5	0.95	1	1	2.864306
Annual Perm 2_serv	BOBJ1	61	132.34	After	Right Exterior Girder	8.5	0.95	1	1	2.864306
Annual Perm 2_serv	BOBJ1	62	137.74	Before	Left Exterior Girder	13.9	0.95	1	1	3.957403
Annual Perm 2_serv	BOBJ1	62	137.74	Before	Interior Girder 1	13.9	0.95	1	1	4.014806
Annual Perm 2_serv	BOBJ1	62	137.74	Before	Interior Girder 2	13.9	0.95	1	1	4.509575
Annual Perm 2_serv	BOBJ1	62	137.74	Before	Interior Girder 3	13.9	0.95	1	1	4.665715
Annual Perm 2_serv	BOBJ1	62	137.74	Before	Interior Girder 4	13.9	0.95	1	1	4.665715
Annual Perm 2_serv	BOBJ1	62	137.74	Before	Interior Girder 5	13.9	0.95	1	1	4.509575
Annual Perm 2_serv	BOBJ1	62	137.74	Before	Interior Girder 6	13.9	0.95	1	1	4.014806
Annual Perm 2_serv	BOBJ1	62	137.74	Before	Right Exterior Girder	13.9	0.95	1	1	3.957403
Annual Perm 2_serv	BOBJ1	63	137.74	After	Left Exterior Girder	13.9	0.95	1	1	3.921682
Annual Perm 2_serv	BOBJ1	63	137.74	After	Interior Girder 1	13.9	0.95	1	1	4.046457
Annual Perm 2_serv	BOBJ1	63	137.74	After	Interior Girder 2	13.9	0.95	1	1	4.534481
Annual Perm 2_serv	BOBJ1	63	137.74	After	Interior Girder 3	13.9	0.95	1	1	4.67227
Annual Perm 2_serv	BOBJ1	63	137.74	After	Interior Girder 4	13.9	0.95	1	1	4.67227
Annual Perm 2_serv	BOBJ1	63	137.74	After	Interior Girder 5	13.9	0.95	1	1	4.534481
Annual Perm 2_serv	BOBJ1	63	137.74	After	Interior Girder 6	13.9	0.95	1	1	4.046457
Annual Perm 2_serv	BOBJ1	63	137.74	After	Right Exterior Girder	13.9	0.95	1	1	3.921682
Annual Perm 2_serv	BOBJ1	64	143.7733	Before	Left Exterior Girder	19.9333	0.95	1	1	4.441772
Annual Perm 2_serv	BOBJ1	64	143.7733	Before	Interior Girder 1	19.9333	0.95	1	1	3.649587
Annual Perm 2_serv	BOBJ1	64	143.7733	Before	Interior Girder 2	19.9333	0.95	1	1	3.685565
Annual Perm 2_serv	BOBJ1	64	143.7733	Before	Interior Girder 3	19.9333	0.95	1	1	3.406225
Annual Perm 2_serv	BOBJ1	64	143.7733	Before	Interior Girder 4	19.9333	0.95	1	1	3.406225
Annual Perm 2_serv	BOBJ1	64	143.7733	Before	Interior Girder 5	19.9333	0.95	1	1	3.685565
Annual Perm 2_serv	BOBJ1	64	143.7733	Before	Interior Girder 6	19.9333	0.95	1	1	3.649587
Annual Perm 2_serv	BOBJ1	64	143.7733	Before	Right Exterior Girder	19.9333	0.95	1	1	4.441772
Annual Perm 2_serv	BOBJ1	65	143.7733	After	Left Exterior Girder	19.9333	0.95	1	1	4.538862
Annual Perm 2_serv	BOBJ1	65	143.7733	After	Interior Girder 1	19.9333	0.95	1	1	3.60153
Annual Perm 2_serv	BOBJ1	65	143.7733	After	Interior Girder 2	19.9333	0.95	1	1	3.685441
Annual Perm 2_serv	BOBJ1	65	143.7733	After	Interior Girder 3	19.9333	0.95	1	1	3.458966
Annual Perm 2_serv	BOBJ1	65	143.7733	After	Interior Girder 4	19.9333	0.95	1	1	3.458966
Annual Perm 2_serv	BOBJ1	65	143.7733	After	Interior Girder 5	19.9333	0.95	1	1	3.685441
Annual Perm 2_serv	BOBJ1	65	143.7733	After	Interior Girder 6	19.9333	0.95	1	1	3.60153
Annual Perm 2_serv	BOBJ1	65	143.7733	After	Right Exterior Girder	19.9333	0.95	1	1	4.538862
Annual Perm 2_serv	BOBJ1	66	149.8067	Before	Left Exterior Girder	25.9667	0.95	1	1	3.198085
Annual Perm 2_serv	BOBJ1	66	149.8067	Before	Interior Girder 1	25.9667	0.95	1	1	2.812454
Annual Perm 2_serv	BOBJ1	66	149.8067	Before	Interior Girder 2	25.9667	0.95	1	1	2.948675
Annual Perm 2_serv	BOBJ1	66	149.8067	Before	Interior Girder 3	25.9667	0.95	1	1	2.7518
Annual Perm 2_serv	BOBJ1	66	149.8067	Before	Interior Girder 4	25.9667	0.95	1	1	2.7518
Annual Perm 2_serv	BOBJ1	66	149.8067	Before	Interior Girder 5	25.9667	0.95	1	1	2.948675
Annual Perm 2_serv	BOBJ1	66	149.8067	Before	Interior Girder 6	25.9667	0.95	1	1	2.812454
Annual Perm 2_serv	BOBJ1	66	149.8067	Before	Right Exterior Girder	25.9667	0.95	1	1	3.198085
Annual Perm 2_serv	BOBJ1	67	149.8067	After	Left Exterior Girder	25.9667	0.95	1	1	3.209705
Annual Perm 2_serv	BOBJ1	67	149.8067	After	Interior Girder 1	25.9667	0.95	1	1	2.814801
Annual Perm 2_serv	BOBJ1	67	149.8067	After	Interior Girder 2	25.9667	0.95	1	1	2.970246
Annual Perm 2_serv	BOBJ1	67	149.8067	After	Interior Girder 3	25.9667	0.95	1	1	2.791912
Annual Perm 2_serv	BOBJ1	67	149.8067	After	Interior Girder 4	25.9667	0.95	1	1	2.791912
Annual Perm 2_serv	BOBJ1	67	149.8067	After	Interior Girder 5	25.9667	0.95	1	1	2.970246
Annual Perm 2_serv	BOBJ1	67	149.8067	After	Interior Girder 6	25.9667	0.95	1	1	2.814801
Annual Perm 2_serv	BOBJ1	67	149.8067	After	Right Exterior Girder	25.9667	0.95	1	1	3.209705
Annual Perm 2_serv	BOBJ1	68	155.84	Before	Left Exterior Girder	32	0.95	1	1	2.673744
Annual Perm 2_serv	BOBJ1	68	155.84	Before	Interior Girder 1	32	0.95	1	1	2.674921
Annual Perm 2_serv	BOBJ1	68	155.84	Before	Interior Girder 2	32	0.95	1	1	2.900952
Annual Perm 2_serv	BOBJ1	68	155.84	Before	Interior Girder 3	32	0.95	1	1	2.780027
Annual Perm 2_serv	BOBJ1	68	155.84	Before	Interior Girder 4	32	0.95	1	1	2.780027
Annual Perm 2_serv	BOBJ1	68	155.84	Before	Interior Girder 5	32	0.95	1	1	2.900952
Annual Perm 2_serv	BOBJ1	68	155.84	Before	Interior Girder 6	32	0.95	1	1	2.674921
Annual Perm 2_serv	BOBJ1	68	155.84	Before	Right Exterior Girder	32	0.95	1	1	2.673744
Annual Perm 2_serv	BOBJ1	69	155.84	After	Left Exterior Girder	32	0.95	1	1	2.68836
Annual Perm 2_serv	BOBJ1	69	155.84	After	Interior Girder 1	32	0.95	1	1	2.661947
Annual Perm 2_serv	BOBJ1	69	155.84	After	Interior Girder 2	32	0.95	1	1	2.895583
Annual Perm 2_serv	BOBJ1	69	155.84	After	Interior Girder 3	32	0.95	1	1	2.774476
Annual Perm 2_serv	BOBJ1	69	155.84	After	Interior Girder 4	32	0.95	1	1	2.774476
Annual Perm 2_serv	BOBJ1	69	155.84	After	Interior Girder 5	32	0.95	1	1	2.895583
Annual Perm 2_serv	BOBJ1	69	155.84	After	Interior Girder 6	32	0.95	1	1	2.661947
Annual Perm 2_serv	BOBJ1	69	155.84	After	Right Exterior Girder	32	0.95	1	1	2.68836
Annual Perm 2_serv	BOBJ1	70	161.8733	Before	Left Exterior Girder	38.0333	0.95	1	1	2.893645
Annual Perm 2_serv	BOBJ1	70	161.8733	Before	Interior Girder 1	38.0333	0.95	1	1	2.624496
Annual Perm 2_serv	BOBJ1	70	161.8733	Before	Interior Girder 2	38.0333	0.95	1	1	2.78377

TABLE: Bridge Super Rating AASHTORATE18 31 - SteelICompServ-Flx - Approach, Span 12-15										
Request	BridgeObj	BridgeCut	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	Unitless	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Annual Perm 2_serv	BOBJ1	70	161.8733	Before	Interior Girder 3	38.0333	0.95	1	1	2.631698
Annual Perm 2_serv	BOBJ1	70	161.8733	Before	Interior Girder 4	38.0333	0.95	1	1	2.631698
Annual Perm 2_serv	BOBJ1	70	161.8733	Before	Interior Girder 5	38.0333	0.95	1	1	2.78377
Annual Perm 2_serv	BOBJ1	70	161.8733	Before	Interior Girder 6	38.0333	0.95	1	1	2.624496
Annual Perm 2_serv	BOBJ1	70	161.8733	Before	Right Exterior Girder	38.0333	0.95	1	1	2.893645
Annual Perm 2_serv	BOBJ1	71	161.8733	After	Left Exterior Girder	38.0333	0.95	1	1	2.896586
Annual Perm 2_serv	BOBJ1	71	161.8733	After	Interior Girder 1	38.0333	0.95	1	1	2.613637
Annual Perm 2_serv	BOBJ1	71	161.8733	After	Interior Girder 2	38.0333	0.95	1	1	2.767659
Annual Perm 2_serv	BOBJ1	71	161.8733	After	Interior Girder 3	38.0333	0.95	1	1	2.605874
Annual Perm 2_serv	BOBJ1	71	161.8733	After	Interior Girder 4	38.0333	0.95	1	1	2.605874
Annual Perm 2_serv	BOBJ1	71	161.8733	After	Interior Girder 5	38.0333	0.95	1	1	2.767659
Annual Perm 2_serv	BOBJ1	71	161.8733	After	Interior Girder 6	38.0333	0.95	1	1	2.613637
Annual Perm 2_serv	BOBJ1	71	161.8733	After	Right Exterior Girder	38.0333	0.95	1	1	2.896586
Annual Perm 2_serv	BOBJ1	72	167.9067	Before	Left Exterior Girder	44.0667	0.95	1	1	3.634769
Annual Perm 2_serv	BOBJ1	72	167.9067	Before	Interior Girder 1	44.0667	0.95	1	1	3.049756
Annual Perm 2_serv	BOBJ1	72	167.9067	Before	Interior Girder 2	44.0667	0.95	1	1	3.15632
Annual Perm 2_serv	BOBJ1	72	167.9067	Before	Interior Girder 3	44.0667	0.95	1	1	2.95979
Annual Perm 2_serv	BOBJ1	72	167.9067	Before	Interior Girder 4	44.0667	0.95	1	1	2.95979
Annual Perm 2_serv	BOBJ1	72	167.9067	Before	Interior Girder 5	44.0667	0.95	1	1	3.15632
Annual Perm 2_serv	BOBJ1	72	167.9067	Before	Interior Girder 6	44.0667	0.95	1	1	3.049756
Annual Perm 2_serv	BOBJ1	72	167.9067	Before	Right Exterior Girder	44.0667	0.95	1	1	3.634769
Annual Perm 2_serv	BOBJ1	73	167.9067	After	Left Exterior Girder	44.0667	0.95	1	1	3.557643
Annual Perm 2_serv	BOBJ1	73	167.9067	After	Interior Girder 1	44.0667	0.95	1	1	3.081831
Annual Perm 2_serv	BOBJ1	73	167.9067	After	Interior Girder 2	44.0667	0.95	1	1	3.169316
Annual Perm 2_serv	BOBJ1	73	167.9067	After	Interior Girder 3	44.0667	0.95	1	1	2.937007
Annual Perm 2_serv	BOBJ1	73	167.9067	After	Interior Girder 4	44.0667	0.95	1	1	2.937007
Annual Perm 2_serv	BOBJ1	73	167.9067	After	Interior Girder 5	44.0667	0.95	1	1	3.169316
Annual Perm 2_serv	BOBJ1	73	167.9067	After	Interior Girder 6	44.0667	0.95	1	1	3.081831
Annual Perm 2_serv	BOBJ1	73	167.9067	After	Right Exterior Girder	44.0667	0.95	1	1	3.557643
Annual Perm 2_serv	BOBJ1	74	173.94	Before	Left Exterior Girder	50.1	0.95	1	1	5.298573
Annual Perm 2_serv	BOBJ1	74	173.94	Before	Interior Girder 1	50.1	0.95	1	1	4.594722
Annual Perm 2_serv	BOBJ1	74	173.94	Before	Interior Girder 2	50.1	0.95	1	1	4.652315
Annual Perm 2_serv	BOBJ1	74	173.94	Before	Interior Girder 3	50.1	0.95	1	1	4.39059
Annual Perm 2_serv	BOBJ1	74	173.94	Before	Interior Girder 4	50.1	0.95	1	1	4.39059
Annual Perm 2_serv	BOBJ1	74	173.94	Before	Interior Girder 5	50.1	0.95	1	1	4.652315
Annual Perm 2_serv	BOBJ1	74	173.94	Before	Interior Girder 6	50.1	0.95	1	1	4.594722
Annual Perm 2_serv	BOBJ1	74	173.94	Before	Right Exterior Girder	50.1	0.95	1	1	5.298573
Annual Perm 2_serv	BOBJ1	75	173.94	After	Left Exterior Girder	50.1	0.95	1	1	5.260289
Annual Perm 2_serv	BOBJ1	75	173.94	After	Interior Girder 1	50.1	0.95	1	1	4.626471
Annual Perm 2_serv	BOBJ1	75	173.94	After	Interior Girder 2	50.1	0.95	1	1	4.603415
Annual Perm 2_serv	BOBJ1	75	173.94	After	Interior Girder 3	50.1	0.95	1	1	4.252125
Annual Perm 2_serv	BOBJ1	75	173.94	After	Interior Girder 4	50.1	0.95	1	1	4.252125
Annual Perm 2_serv	BOBJ1	75	173.94	After	Interior Girder 5	50.1	0.95	1	1	4.603415
Annual Perm 2_serv	BOBJ1	75	173.94	After	Interior Girder 6	50.1	0.95	1	1	4.626471
Annual Perm 2_serv	BOBJ1	75	173.94	After	Right Exterior Girder	50.1	0.95	1	1	5.260289
Annual Perm 2_serv	BOBJ1	76	179.98	Before	Left Exterior Girder	56.14	0.95	1	1	4.885148
Annual Perm 2_serv	BOBJ1	76	179.98	Before	Interior Girder 1	56.14	0.95	1	1	4.886266
Annual Perm 2_serv	BOBJ1	76	179.98	Before	Interior Girder 2	56.14	0.95	1	1	5.306988
Annual Perm 2_serv	BOBJ1	76	179.98	Before	Interior Girder 3	56.14	0.95	1	1	5.072134
Annual Perm 2_serv	BOBJ1	76	179.98	Before	Interior Girder 4	56.14	0.95	1	1	5.072134
Annual Perm 2_serv	BOBJ1	76	179.98	Before	Interior Girder 5	56.14	0.95	1	1	5.306988
Annual Perm 2_serv	BOBJ1	76	179.98	Before	Interior Girder 6	56.14	0.95	1	1	4.886266
Annual Perm 2_serv	BOBJ1	76	179.98	Before	Right Exterior Girder	56.14	0.95	1	1	4.885148
Annual Perm 2_serv	BOBJ1	77	179.98	After	Left Exterior Girder	56.14	0.95	1	1	4.929013
Annual Perm 2_serv	BOBJ1	77	179.98	After	Interior Girder 1	56.14	0.95	1	1	4.85295
Annual Perm 2_serv	BOBJ1	77	179.98	After	Interior Girder 2	56.14	0.95	1	1	5.239465
Annual Perm 2_serv	BOBJ1	77	179.98	After	Interior Girder 3	56.14	0.95	1	1	5.008537
Annual Perm 2_serv	BOBJ1	77	179.98	After	Interior Girder 4	56.14	0.95	1	1	5.008537
Annual Perm 2_serv	BOBJ1	77	179.98	After	Interior Girder 5	56.14	0.95	1	1	5.239465
Annual Perm 2_serv	BOBJ1	77	179.98	After	Interior Girder 6	56.14	0.95	1	1	4.85295
Annual Perm 2_serv	BOBJ1	77	179.98	After	Right Exterior Girder	56.14	0.95	1	1	4.929013
Annual Perm 2_serv	BOBJ1	78	183.56	Before	Left Exterior Girder	59.72	0.95	1	1	3.94861
Annual Perm 2_serv	BOBJ1	78	183.56	Before	Right Exterior Girder	59.72	0.95	1	1	3.94861
Annual Perm 2_serv	BOBJ1	79	183.56	After	Left Exterior Girder	59.72	0.95	1	1	8.974717
Annual Perm 2_serv	BOBJ1	79	183.56	After	Right Exterior Girder	59.72	0.95	1	1	8.974717
Annual Perm 2_serv	BOBJ1	80	186.02	Before	Left Exterior Girder	62.18	0.95	1	1	8.080503
Annual Perm 2_serv	BOBJ1	80	186.02	Before	Interior Girder 1	62.22	0.95	1	1	3.450176
Annual Perm 2_serv	BOBJ1	80	186.02	Before	Interior Girder 2	62.22	0.95	1	1	3.607362
Annual Perm 2_serv	BOBJ1	80	186.02	Before	Interior Girder 3	62.22	0.95	1	1	3.056336
Annual Perm 2_serv	BOBJ1	80	186.02	Before	Interior Girder 4	62.22	0.95	1	1	3.056336
Annual Perm 2_serv	BOBJ1	80	186.02	Before	Interior Girder 5	62.22	0.95	1	1	3.607362
Annual Perm 2_serv	BOBJ1	80	186.02	Before	Interior Girder 6	62.22	0.95	1	1	3.450176
Annual Perm 2_serv	BOBJ1	80	186.02	Before	Right Exterior Girder	62.18	0.95	1	1	8.080503

TABLE: Bridge Super Rating AASHTORATE18 31 - SteelICompServ-Flx - Approach, Span 12-15										
Request	BridgeObj	BridgeCut	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	Unitless	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Annual Perm 2_serv	BOBJ1	81	186.02	After	Left Exterior Girder	62.18	0.95	1	1	8.157903
Annual Perm 2_serv	BOBJ1	81	186.02	After	Interior Girder 1	62.22	0.95	1	1	5.463278
Annual Perm 2_serv	BOBJ1	81	186.02	After	Interior Girder 2	62.22	0.95	1	1	5.621497
Annual Perm 2_serv	BOBJ1	81	186.02	After	Interior Girder 3	62.22	0.95	1	1	4.895188
Annual Perm 2_serv	BOBJ1	81	186.02	After	Interior Girder 4	62.22	0.95	1	1	4.895188
Annual Perm 2_serv	BOBJ1	81	186.02	After	Interior Girder 5	62.22	0.95	1	1	5.621497
Annual Perm 2_serv	BOBJ1	81	186.02	After	Interior Girder 6	62.22	0.95	1	1	5.463278
Annual Perm 2_serv	BOBJ1	81	186.02	After	Right Exterior Girder	62.18	0.95	1	1	8.157903
Annual Perm 2_serv	BOBJ1	82	192.06	Before	Left Exterior Girder	68.22	0.95	1	1	3.772942
Annual Perm 2_serv	BOBJ1	82	192.06	Before	Interior Girder 1	68.22	0.95	1	1	2.315877
Annual Perm 2_serv	BOBJ1	82	192.06	Before	Interior Girder 2	68.22	0.95	1	1	2.322119
Annual Perm 2_serv	BOBJ1	82	192.06	Before	Interior Girder 3	68.22	0.95	1	1	1.848122
Annual Perm 2_serv	BOBJ1	82	192.06	Before	Interior Girder 4	68.22	0.95	1	1	1.848122
Annual Perm 2_serv	BOBJ1	82	192.06	Before	Interior Girder 5	68.22	0.95	1	1	2.322119
Annual Perm 2_serv	BOBJ1	82	192.06	Before	Interior Girder 6	68.22	0.95	1	1	2.315877
Annual Perm 2_serv	BOBJ1	82	192.06	Before	Right Exterior Girder	68.22	0.95	1	1	3.772942
Annual Perm 2_serv	BOBJ1	83	192.06	After	Left Exterior Girder	0	0.95	1	1	3.595871
Annual Perm 2_serv	BOBJ1	83	192.06	After	Interior Girder 1	0	0.95	1	1	2.363013
Annual Perm 2_serv	BOBJ1	83	192.06	After	Interior Girder 2	0	0.95	1	1	2.383976
Annual Perm 2_serv	BOBJ1	83	192.06	After	Interior Girder 3	0	0.95	1	1	1.890861
Annual Perm 2_serv	BOBJ1	83	192.06	After	Interior Girder 4	0	0.95	1	1	1.890861
Annual Perm 2_serv	BOBJ1	83	192.06	After	Interior Girder 5	0	0.95	1	1	2.383976
Annual Perm 2_serv	BOBJ1	83	192.06	After	Interior Girder 6	0	0.95	1	1	2.363013
Annual Perm 2_serv	BOBJ1	83	192.06	After	Right Exterior Girder	0	0.95	1	1	3.595871
Annual Perm 2_serv	BOBJ1	84	197.087	Before	Interior Girder 1	5.027	0.95	1	1	3.58954
Annual Perm 2_serv	BOBJ1	84	197.087	Before	Interior Girder 2	5.027	0.95	1	1	3.882987
Annual Perm 2_serv	BOBJ1	84	197.087	Before	Interior Girder 3	5.027	0.95	1	1	3.659818
Annual Perm 2_serv	BOBJ1	84	197.087	Before	Interior Girder 4	5.027	0.95	1	1	3.659818
Annual Perm 2_serv	BOBJ1	84	197.087	Before	Interior Girder 5	5.027	0.95	1	1	3.882987
Annual Perm 2_serv	BOBJ1	84	197.087	Before	Interior Girder 6	5.027	0.95	1	1	3.58954
Annual Perm 2_serv	BOBJ1	85	197.087	After	Interior Girder 1	5.027	0.95	1	1	2.288764
Annual Perm 2_serv	BOBJ1	85	197.087	After	Interior Girder 2	5.027	0.95	1	1	2.48439
Annual Perm 2_serv	BOBJ1	85	197.087	After	Interior Girder 3	5.027	0.95	1	1	2.333561
Annual Perm 2_serv	BOBJ1	85	197.087	After	Interior Girder 4	5.027	0.95	1	1	2.333561
Annual Perm 2_serv	BOBJ1	85	197.087	After	Interior Girder 5	5.027	0.95	1	1	2.48439
Annual Perm 2_serv	BOBJ1	85	197.087	After	Interior Girder 6	5.027	0.95	1	1	2.288764
Annual Perm 2_serv	BOBJ1	86	197.91	Before	Left Exterior Girder	5.85	0.95	1	1	5.020883
Annual Perm 2_serv	BOBJ1	86	197.91	Before	Interior Girder 1	5.85	0.95	1	1	2.400827
Annual Perm 2_serv	BOBJ1	86	197.91	Before	Interior Girder 2	5.85	0.95	1	1	2.593243
Annual Perm 2_serv	BOBJ1	86	197.91	Before	Interior Girder 3	5.85	0.95	1	1	2.47965
Annual Perm 2_serv	BOBJ1	86	197.91	Before	Interior Girder 4	5.85	0.95	1	1	2.47965
Annual Perm 2_serv	BOBJ1	86	197.91	Before	Interior Girder 5	5.85	0.95	1	1	2.593243
Annual Perm 2_serv	BOBJ1	86	197.91	Before	Interior Girder 6	5.85	0.95	1	1	2.400827
Annual Perm 2_serv	BOBJ1	86	197.91	Before	Right Exterior Girder	5.85	0.95	1	1	5.020883
Annual Perm 2_serv	BOBJ1	87	197.91	After	Left Exterior Girder	5.85	0.95	1	1	5.045034
Annual Perm 2_serv	BOBJ1	87	197.91	After	Interior Girder 1	5.85	0.95	1	1	2.404633
Annual Perm 2_serv	BOBJ1	87	197.91	After	Interior Girder 2	5.85	0.95	1	1	2.611625
Annual Perm 2_serv	BOBJ1	87	197.91	After	Interior Girder 3	5.85	0.95	1	1	2.483737
Annual Perm 2_serv	BOBJ1	87	197.91	After	Interior Girder 4	5.85	0.95	1	1	2.483737
Annual Perm 2_serv	BOBJ1	87	197.91	After	Interior Girder 5	5.85	0.95	1	1	2.611625
Annual Perm 2_serv	BOBJ1	87	197.91	After	Interior Girder 6	5.85	0.95	1	1	2.404633
Annual Perm 2_serv	BOBJ1	87	197.91	After	Right Exterior Girder	5.85	0.95	1	1	5.045034
Annual Perm 2_serv	BOBJ1	88	199.1816	Before	Left Exterior Girder	7.1216	0.95	1	1	5.328666
Annual Perm 2_serv	BOBJ1	88	199.1816	Before	Right Exterior Girder	7.1216	0.95	1	1	5.328666
Annual Perm 2_serv	BOBJ1	89	199.1816	After	Left Exterior Girder	7.1216	0.95	1	1	2.292356
Annual Perm 2_serv	BOBJ1	89	199.1816	After	Right Exterior Girder	7.1216	0.95	1	1	2.292356
Annual Perm 2_serv	BOBJ1	90	203.5267	Before	Left Exterior Girder	11.3107	0.95	1	1	3.027943
Annual Perm 2_serv	BOBJ1	90	203.5267	Before	Interior Girder 1	11.3107	0.95	1	1	3.179049
Annual Perm 2_serv	BOBJ1	90	203.5267	Before	Interior Girder 2	11.3107	0.95	1	1	3.501028
Annual Perm 2_serv	BOBJ1	90	203.5267	Before	Interior Girder 3	11.3107	0.95	1	1	3.498657
Annual Perm 2_serv	BOBJ1	90	203.5267	Before	Interior Girder 4	11.3107	0.95	1	1	3.498657
Annual Perm 2_serv	BOBJ1	90	203.5267	Before	Interior Girder 5	11.3107	0.95	1	1	3.501028
Annual Perm 2_serv	BOBJ1	90	203.5267	Before	Interior Girder 6	11.3107	0.95	1	1	3.179049
Annual Perm 2_serv	BOBJ1	90	203.5267	Before	Right Exterior Girder	11.3107	0.95	1	1	3.027943
Annual Perm 2_serv	BOBJ1	91	203.5267	After	Left Exterior Girder	11.3107	0.95	1	1	4.821018
Annual Perm 2_serv	BOBJ1	91	203.5267	After	Interior Girder 1	11.3107	0.95	1	1	5.011441
Annual Perm 2_serv	BOBJ1	91	203.5267	After	Interior Girder 2	11.3107	0.95	1	1	5.560358
Annual Perm 2_serv	BOBJ1	91	203.5267	After	Interior Girder 3	11.3107	0.95	1	1	5.57591
Annual Perm 2_serv	BOBJ1	91	203.5267	After	Interior Girder 4	11.3107	0.95	1	1	5.57591
Annual Perm 2_serv	BOBJ1	91	203.5267	After	Interior Girder 5	11.3107	0.95	1	1	5.560358
Annual Perm 2_serv	BOBJ1	91	203.5267	After	Interior Girder 6	11.3107	0.95	1	1	5.011441
Annual Perm 2_serv	BOBJ1	91	203.5267	After	Right Exterior Girder	11.3107	0.95	1	1	4.821018
Annual Perm 2_serv	BOBJ1	92	209.1433	Before	Left Exterior Girder	17.0833	0.95	1	1	6.125956

TABLE: Bridge Super Rating AASHTORATE18 31 - SteelICompServ-Flx - Approach, Span 12-15										
Request	BridgeObj	BridgeCut	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	Unitless	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Annual Perm 2_serv	BOBJ1	92	209.1433	Before	Interior Girder 1	17.0833	0.95	1	1	5.359156
Annual Perm 2_serv	BOBJ1	92	209.1433	Before	Interior Girder 2	17.0833	0.95	1	1	5.362012
Annual Perm 2_serv	BOBJ1	92	209.1433	Before	Interior Girder 3	17.0833	0.95	1	1	4.967423
Annual Perm 2_serv	BOBJ1	92	209.1433	Before	Interior Girder 4	17.0833	0.95	1	1	4.967423
Annual Perm 2_serv	BOBJ1	92	209.1433	Before	Interior Girder 5	17.0833	0.95	1	1	5.362012
Annual Perm 2_serv	BOBJ1	92	209.1433	Before	Interior Girder 6	17.0833	0.95	1	1	5.359156
Annual Perm 2_serv	BOBJ1	92	209.1433	Before	Right Exterior Girder	17.0833	0.95	1	1	6.125956
Annual Perm 2_serv	BOBJ1	93	209.1433	After	Left Exterior Girder	17.0833	0.95	1	1	6.061141
Annual Perm 2_serv	BOBJ1	93	209.1433	After	Interior Girder 1	17.0833	0.95	1	1	5.388811
Annual Perm 2_serv	BOBJ1	93	209.1433	After	Interior Girder 2	17.0833	0.95	1	1	5.462064
Annual Perm 2_serv	BOBJ1	93	209.1433	After	Interior Girder 3	17.0833	0.95	1	1	5.114298
Annual Perm 2_serv	BOBJ1	93	209.1433	After	Interior Girder 4	17.0833	0.95	1	1	5.114298
Annual Perm 2_serv	BOBJ1	93	209.1433	After	Interior Girder 5	17.0833	0.95	1	1	5.462064
Annual Perm 2_serv	BOBJ1	93	209.1433	After	Interior Girder 6	17.0833	0.95	1	1	5.388811
Annual Perm 2_serv	BOBJ1	93	209.1433	After	Right Exterior Girder	17.0833	0.95	1	1	6.061141
Annual Perm 2_serv	BOBJ1	94	214.76	Before	Left Exterior Girder	22.7	0.95	1	1	4.652811
Annual Perm 2_serv	BOBJ1	94	214.76	Before	Interior Girder 1	22.7	0.95	1	1	4.22092
Annual Perm 2_serv	BOBJ1	94	214.76	Before	Interior Girder 2	22.7	0.95	1	1	4.398542
Annual Perm 2_serv	BOBJ1	94	214.76	Before	Interior Girder 3	22.7	0.95	1	1	4.105415
Annual Perm 2_serv	BOBJ1	94	214.76	Before	Interior Girder 4	22.7	0.95	1	1	4.105415
Annual Perm 2_serv	BOBJ1	94	214.76	Before	Interior Girder 5	22.7	0.95	1	1	4.398542
Annual Perm 2_serv	BOBJ1	94	214.76	Before	Interior Girder 6	22.7	0.95	1	1	4.22092
Annual Perm 2_serv	BOBJ1	94	214.76	Before	Right Exterior Girder	22.7	0.95	1	1	4.652811
Annual Perm 2_serv	BOBJ1	95	214.76	After	Left Exterior Girder	22.7	0.95	1	1	4.656743
Annual Perm 2_serv	BOBJ1	95	214.76	After	Interior Girder 1	22.7	0.95	1	1	4.207217
Annual Perm 2_serv	BOBJ1	95	214.76	After	Interior Girder 2	22.7	0.95	1	1	4.41275
Annual Perm 2_serv	BOBJ1	95	214.76	After	Interior Girder 3	22.7	0.95	1	1	4.139089
Annual Perm 2_serv	BOBJ1	95	214.76	After	Interior Girder 4	22.7	0.95	1	1	4.139089
Annual Perm 2_serv	BOBJ1	95	214.76	After	Interior Girder 5	22.7	0.95	1	1	4.41275
Annual Perm 2_serv	BOBJ1	95	214.76	After	Interior Girder 6	22.7	0.95	1	1	4.207217
Annual Perm 2_serv	BOBJ1	95	214.76	After	Right Exterior Girder	22.7	0.95	1	1	4.656743
Annual Perm 2_serv	BOBJ1	96	220.3767	Before	Left Exterior Girder	28.3167	0.95	1	1	4.260783
Annual Perm 2_serv	BOBJ1	96	220.3767	Before	Interior Girder 1	28.3167	0.95	1	1	3.611664
Annual Perm 2_serv	BOBJ1	96	220.3767	Before	Interior Girder 2	28.3167	0.95	1	1	3.776307
Annual Perm 2_serv	BOBJ1	96	220.3767	Before	Interior Girder 3	28.3167	0.95	1	1	3.508806
Annual Perm 2_serv	BOBJ1	96	220.3767	Before	Interior Girder 4	28.3167	0.95	1	1	3.508806
Annual Perm 2_serv	BOBJ1	96	220.3767	Before	Interior Girder 5	28.3167	0.95	1	1	3.776307
Annual Perm 2_serv	BOBJ1	96	220.3767	Before	Interior Girder 6	28.3167	0.95	1	1	3.611664
Annual Perm 2_serv	BOBJ1	96	220.3767	Before	Right Exterior Girder	28.3167	0.95	1	1	4.260783
Annual Perm 2_serv	BOBJ1	97	220.3767	After	Left Exterior Girder	28.3167	0.95	1	1	4.285991
Annual Perm 2_serv	BOBJ1	97	220.3767	After	Interior Girder 1	28.3167	0.95	1	1	3.599185
Annual Perm 2_serv	BOBJ1	97	220.3767	After	Interior Girder 2	28.3167	0.95	1	1	3.773453
Annual Perm 2_serv	BOBJ1	97	220.3767	After	Interior Girder 3	28.3167	0.95	1	1	3.514504
Annual Perm 2_serv	BOBJ1	97	220.3767	After	Interior Girder 4	28.3167	0.95	1	1	3.514504
Annual Perm 2_serv	BOBJ1	97	220.3767	After	Interior Girder 5	28.3167	0.95	1	1	3.773453
Annual Perm 2_serv	BOBJ1	97	220.3767	After	Interior Girder 6	28.3167	0.95	1	1	3.599185
Annual Perm 2_serv	BOBJ1	97	220.3767	After	Right Exterior Girder	28.3167	0.95	1	1	4.285991
Annual Perm 2_serv	BOBJ1	98	225.9933	Before	Left Exterior Girder	33.9333	0.95	1	1	4.173057
Annual Perm 2_serv	BOBJ1	98	225.9933	Before	Interior Girder 1	33.9333	0.95	1	1	3.438385
Annual Perm 2_serv	BOBJ1	98	225.9933	Before	Interior Girder 2	33.9333	0.95	1	1	3.590418
Annual Perm 2_serv	BOBJ1	98	225.9933	Before	Interior Girder 3	33.9333	0.95	1	1	3.325738
Annual Perm 2_serv	BOBJ1	98	225.9933	Before	Interior Girder 4	33.9333	0.95	1	1	3.325738
Annual Perm 2_serv	BOBJ1	98	225.9933	Before	Interior Girder 5	33.9333	0.95	1	1	3.590418
Annual Perm 2_serv	BOBJ1	98	225.9933	Before	Interior Girder 6	33.9333	0.95	1	1	3.438385
Annual Perm 2_serv	BOBJ1	98	225.9933	Before	Right Exterior Girder	33.9333	0.95	1	1	4.173057
Annual Perm 2_serv	BOBJ1	99	225.9933	After	Left Exterior Girder	33.9333	0.95	1	1	4.135583
Annual Perm 2_serv	BOBJ1	99	225.9933	After	Interior Girder 1	33.9333	0.95	1	1	3.45507
Annual Perm 2_serv	BOBJ1	99	225.9933	After	Interior Girder 2	33.9333	0.95	1	1	3.60087
Annual Perm 2_serv	BOBJ1	99	225.9933	After	Interior Girder 3	33.9333	0.95	1	1	3.332142
Annual Perm 2_serv	BOBJ1	99	225.9933	After	Interior Girder 4	33.9333	0.95	1	1	3.332142
Annual Perm 2_serv	BOBJ1	99	225.9933	After	Interior Girder 5	33.9333	0.95	1	1	3.60087
Annual Perm 2_serv	BOBJ1	99	225.9933	After	Interior Girder 6	33.9333	0.95	1	1	3.45507
Annual Perm 2_serv	BOBJ1	99	225.9933	After	Right Exterior Girder	33.9333	0.95	1	1	4.135583
Annual Perm 2_serv	BOBJ1	100	231.61	Before	Left Exterior Girder	39.55	0.95	1	1	4.415318
Annual Perm 2_serv	BOBJ1	100	231.61	Before	Interior Girder 1	39.55	0.95	1	1	3.832639
Annual Perm 2_serv	BOBJ1	100	231.61	Before	Interior Girder 2	39.55	0.95	1	1	4.029848
Annual Perm 2_serv	BOBJ1	100	231.61	Before	Interior Girder 3	39.55	0.95	1	1	3.718519
Annual Perm 2_serv	BOBJ1	100	231.61	Before	Interior Girder 4	39.55	0.95	1	1	3.718519
Annual Perm 2_serv	BOBJ1	100	231.61	Before	Interior Girder 5	39.55	0.95	1	1	4.029848
Annual Perm 2_serv	BOBJ1	100	231.61	Before	Interior Girder 6	39.55	0.95	1	1	3.832639
Annual Perm 2_serv	BOBJ1	100	231.61	Before	Right Exterior Girder	39.55	0.95	1	1	4.415318
Annual Perm 2_serv	BOBJ1	101	231.61	After	Left Exterior Girder	39.55	0.95	1	1	4.397193
Annual Perm 2_serv	BOBJ1	101	231.61	After	Interior Girder 1	39.55	0.95	1	1	3.836458

TABLE: Bridge Super Rating AASHTORATE18 31 - SteelICompServ-Flx - Approach, Span 12-15										
Request	BridgeObj	BridgeCut	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	Unitless	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Annual Perm 2_serv	BOBJ1	101	231.61	After	Interior Girder 2	39.55	0.95	1	1	3.989795
Annual Perm 2_serv	BOBJ1	101	231.61	After	Interior Girder 3	39.55	0.95	1	1	3.657737
Annual Perm 2_serv	BOBJ1	101	231.61	After	Interior Girder 4	39.55	0.95	1	1	3.657737
Annual Perm 2_serv	BOBJ1	101	231.61	After	Interior Girder 5	39.55	0.95	1	1	3.989795
Annual Perm 2_serv	BOBJ1	101	231.61	After	Interior Girder 6	39.55	0.95	1	1	3.836458
Annual Perm 2_serv	BOBJ1	101	231.61	After	Right Exterior Girder	39.55	0.95	1	1	4.397193
Annual Perm 2_serv	BOBJ1	102	237.37	Before	Left Exterior Girder	45.31	0.95	1	1	5.843951
Annual Perm 2_serv	BOBJ1	102	237.37	Before	Interior Girder 1	45.31	0.95	1	1	4.533912
Annual Perm 2_serv	BOBJ1	102	237.37	Before	Interior Girder 2	45.31	0.95	1	1	4.629833
Annual Perm 2_serv	BOBJ1	102	237.37	Before	Interior Girder 3	45.31	0.95	1	1	4.195036
Annual Perm 2_serv	BOBJ1	102	237.37	Before	Interior Girder 4	45.31	0.95	1	1	4.195036
Annual Perm 2_serv	BOBJ1	102	237.37	Before	Interior Girder 5	45.31	0.95	1	1	4.629833
Annual Perm 2_serv	BOBJ1	102	237.37	Before	Interior Girder 6	45.31	0.95	1	1	4.533912
Annual Perm 2_serv	BOBJ1	102	237.37	Before	Right Exterior Girder	45.31	0.95	1	1	5.843951
Annual Perm 2_serv	BOBJ1	103	237.37	After	Left Exterior Girder	45.31	0.95	1	1	5.885877
Annual Perm 2_serv	BOBJ1	103	237.37	After	Interior Girder 1	45.31	0.95	1	1	4.520355
Annual Perm 2_serv	BOBJ1	103	237.37	After	Interior Girder 2	45.31	0.95	1	1	4.507212
Annual Perm 2_serv	BOBJ1	103	237.37	After	Interior Girder 3	45.31	0.95	1	1	4.042513
Annual Perm 2_serv	BOBJ1	103	237.37	After	Interior Girder 4	45.31	0.95	1	1	4.042513
Annual Perm 2_serv	BOBJ1	103	237.37	After	Interior Girder 5	45.31	0.95	1	1	4.507212
Annual Perm 2_serv	BOBJ1	103	237.37	After	Interior Girder 6	45.31	0.95	1	1	4.520355
Annual Perm 2_serv	BOBJ1	103	237.37	After	Right Exterior Girder	45.31	0.95	1	1	5.885877
Annual Perm 2_serv	BOBJ1	104	243.13	Before	Left Exterior Girder	51.07	0.95	1	1	10.367546
Annual Perm 2_serv	BOBJ1	104	243.13	Before	Interior Girder 1	51.07	0.95	1	1	7.590618
Annual Perm 2_serv	BOBJ1	104	243.13	Before	Interior Girder 2	51.07	0.95	1	1	7.542597
Annual Perm 2_serv	BOBJ1	104	243.13	Before	Interior Girder 3	51.07	0.95	1	1	6.730709
Annual Perm 2_serv	BOBJ1	104	243.13	Before	Interior Girder 4	51.07	0.95	1	1	6.730709
Annual Perm 2_serv	BOBJ1	104	243.13	Before	Interior Girder 5	51.07	0.95	1	1	7.542597
Annual Perm 2_serv	BOBJ1	104	243.13	Before	Interior Girder 6	51.07	0.95	1	1	7.590618
Annual Perm 2_serv	BOBJ1	104	243.13	Before	Right Exterior Girder	51.07	0.95	1	1	10.367546
Annual Perm 2_serv	BOBJ1	105	243.13	After	Left Exterior Girder	51.07	0.95	1	1	10.206261
Annual Perm 2_serv	BOBJ1	105	243.13	After	Interior Girder 1	51.07	0.95	1	1	7.539749
Annual Perm 2_serv	BOBJ1	105	243.13	After	Interior Girder 2	51.07	0.95	1	1	7.242938
Annual Perm 2_serv	BOBJ1	105	243.13	After	Interior Girder 3	51.07	0.95	1	1	6.352082
Annual Perm 2_serv	BOBJ1	105	243.13	After	Interior Girder 4	51.07	0.95	1	1	6.352082
Annual Perm 2_serv	BOBJ1	105	243.13	After	Interior Girder 5	51.07	0.95	1	1	7.242938
Annual Perm 2_serv	BOBJ1	105	243.13	After	Interior Girder 6	51.07	0.95	1	1	7.539749
Annual Perm 2_serv	BOBJ1	105	243.13	After	Right Exterior Girder	51.07	0.95	1	1	10.206261
Annual Perm 2_serv	BOBJ1	106	248.89	Before	Left Exterior Girder	56.83	0.95	1	1	494.948098
Annual Perm 2_serv	BOBJ1	106	248.89	Before	Interior Girder 1	56.83	0.95	1	1	435.044247
Annual Perm 2_serv	BOBJ1	106	248.89	Before	Interior Girder 2	56.83	0.95	1	1	250.434531
Annual Perm 2_serv	BOBJ1	106	248.89	Before	Interior Girder 3	56.83	0.95	1	1	194.398019
Annual Perm 2_serv	BOBJ1	106	248.89	Before	Interior Girder 4	56.83	0.95	1	1	194.39802
Annual Perm 2_serv	BOBJ1	106	248.89	Before	Interior Girder 5	56.83	0.95	1	1	250.434531
Annual Perm 2_serv	BOBJ1	106	248.89	Before	Interior Girder 6	56.83	0.95	1	1	435.044246
Annual Perm 2_serv	BOBJ1	106	248.89	Before	Right Exterior Girder	56.83	0.95	1	1	494.948098
Overweight Permit_serv	BOBJ1	1	0	After	Left Exterior Girder	0	0.95	1	1	352.441468
Overweight Permit_serv	BOBJ1	1	0	After	Interior Girder 1	0	0.95	1	1	236.288737
Overweight Permit_serv	BOBJ1	1	0	After	Interior Girder 2	0	0.95	1	1	190.032128
Overweight Permit_serv	BOBJ1	1	0	After	Interior Girder 3	0	0.95	1	1	162.345505
Overweight Permit_serv	BOBJ1	1	0	After	Interior Girder 4	0	0.95	1	1	162.345505
Overweight Permit_serv	BOBJ1	1	0	After	Interior Girder 5	0	0.95	1	1	190.032127
Overweight Permit_serv	BOBJ1	1	0	After	Interior Girder 6	0	0.95	1	1	236.288737
Overweight Permit_serv	BOBJ1	1	0	After	Right Exterior Girder	0	0.95	1	1	352.441468
Overweight Permit_serv	BOBJ1	2	5.85	Before	Left Exterior Girder	5.85	0.95	1	1	7.645718
Overweight Permit_serv	BOBJ1	2	5.85	Before	Interior Girder 1	5.85	0.95	1	1	7.421855
Overweight Permit_serv	BOBJ1	2	5.85	Before	Interior Girder 2	5.85	0.95	1	1	7.424766
Overweight Permit_serv	BOBJ1	2	5.85	Before	Interior Girder 3	5.85	0.95	1	1	6.539421
Overweight Permit_serv	BOBJ1	2	5.85	Before	Interior Girder 4	5.85	0.95	1	1	6.539421
Overweight Permit_serv	BOBJ1	2	5.85	Before	Interior Girder 5	5.85	0.95	1	1	7.424766
Overweight Permit_serv	BOBJ1	2	5.85	Before	Interior Girder 6	5.85	0.95	1	1	7.421855
Overweight Permit_serv	BOBJ1	2	5.85	Before	Right Exterior Girder	5.85	0.95	1	1	7.645718
Overweight Permit_serv	BOBJ1	3	5.85	After	Left Exterior Girder	5.85	0.95	1	1	7.828485
Overweight Permit_serv	BOBJ1	3	5.85	After	Interior Girder 1	5.85	0.95	1	1	7.42853
Overweight Permit_serv	BOBJ1	3	5.85	After	Interior Girder 2	5.85	0.95	1	1	7.697351
Overweight Permit_serv	BOBJ1	3	5.85	After	Interior Girder 3	5.85	0.95	1	1	6.860566
Overweight Permit_serv	BOBJ1	3	5.85	After	Interior Girder 4	5.85	0.95	1	1	6.860566
Overweight Permit_serv	BOBJ1	3	5.85	After	Interior Girder 5	5.85	0.95	1	1	7.697351
Overweight Permit_serv	BOBJ1	3	5.85	After	Interior Girder 6	5.85	0.95	1	1	7.42853
Overweight Permit_serv	BOBJ1	3	5.85	After	Right Exterior Girder	5.85	0.95	1	1	7.828485
Overweight Permit_serv	BOBJ1	4	11.4667	Before	Left Exterior Girder	11.4667	0.95	1	1	4.345881
Overweight Permit_serv	BOBJ1	4	11.4667	Before	Interior Girder 1	11.4667	0.95	1	1	4.152987
Overweight Permit_serv	BOBJ1	4	11.4667	Before	Interior Girder 2	11.4667	0.95	1	1	4.292651

TABLE: Bridge Super Rating AASHTORATE18 31 - SteelICompServ-Flx - Approach, Span 12-15										
Request	BridgeObj	BridgeCut	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	Unitless	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Overweight Permit_serv	BOBJ1	4	11.4667	Before	Interior Girder 3	11.4667	0.95	1	1	3.922931
Overweight Permit_serv	BOBJ1	4	11.4667	Before	Interior Girder 4	11.4667	0.95	1	1	3.922931
Overweight Permit_serv	BOBJ1	4	11.4667	Before	Interior Girder 5	11.4667	0.95	1	1	4.292651
Overweight Permit_serv	BOBJ1	4	11.4667	Before	Interior Girder 6	11.4667	0.95	1	1	4.152987
Overweight Permit_serv	BOBJ1	4	11.4667	Before	Right Exterior Girder	11.4667	0.95	1	1	4.345881
Overweight Permit_serv	BOBJ1	5	11.4667	After	Left Exterior Girder	11.4667	0.95	1	1	4.467543
Overweight Permit_serv	BOBJ1	5	11.4667	After	Interior Girder 1	11.4667	0.95	1	1	4.119888
Overweight Permit_serv	BOBJ1	5	11.4667	After	Interior Girder 2	11.4667	0.95	1	1	4.369993
Overweight Permit_serv	BOBJ1	5	11.4667	After	Interior Girder 3	11.4667	0.95	1	1	4.02659
Overweight Permit_serv	BOBJ1	5	11.4667	After	Interior Girder 4	11.4667	0.95	1	1	4.02659
Overweight Permit_serv	BOBJ1	5	11.4667	After	Interior Girder 5	11.4667	0.95	1	1	4.369993
Overweight Permit_serv	BOBJ1	5	11.4667	After	Interior Girder 6	11.4667	0.95	1	1	4.119888
Overweight Permit_serv	BOBJ1	5	11.4667	After	Right Exterior Girder	11.4667	0.95	1	1	4.467543
Overweight Permit_serv	BOBJ1	6	17.0833	Before	Left Exterior Girder	17.0833	0.95	1	1	3.415884
Overweight Permit_serv	BOBJ1	6	17.0833	Before	Interior Girder 1	17.0833	0.95	1	1	3.399995
Overweight Permit_serv	BOBJ1	6	17.0833	Before	Interior Girder 2	17.0833	0.95	1	1	3.63934
Overweight Permit_serv	BOBJ1	6	17.0833	Before	Interior Girder 3	17.0833	0.95	1	1	3.389242
Overweight Permit_serv	BOBJ1	6	17.0833	Before	Interior Girder 4	17.0833	0.95	1	1	3.389242
Overweight Permit_serv	BOBJ1	6	17.0833	Before	Interior Girder 5	17.0833	0.95	1	1	3.63934
Overweight Permit_serv	BOBJ1	6	17.0833	Before	Interior Girder 6	17.0833	0.95	1	1	3.399995
Overweight Permit_serv	BOBJ1	6	17.0833	Before	Right Exterior Girder	17.0833	0.95	1	1	3.415884
Overweight Permit_serv	BOBJ1	7	17.0833	After	Left Exterior Girder	17.0833	0.95	1	1	3.471672
Overweight Permit_serv	BOBJ1	7	17.0833	After	Interior Girder 1	17.0833	0.95	1	1	3.407003
Overweight Permit_serv	BOBJ1	7	17.0833	After	Interior Girder 2	17.0833	0.95	1	1	3.693235
Overweight Permit_serv	BOBJ1	7	17.0833	After	Interior Girder 3	17.0833	0.95	1	1	3.454829
Overweight Permit_serv	BOBJ1	7	17.0833	After	Interior Girder 4	17.0833	0.95	1	1	3.454829
Overweight Permit_serv	BOBJ1	7	17.0833	After	Interior Girder 5	17.0833	0.95	1	1	3.693235
Overweight Permit_serv	BOBJ1	7	17.0833	After	Interior Girder 6	17.0833	0.95	1	1	3.407003
Overweight Permit_serv	BOBJ1	7	17.0833	After	Right Exterior Girder	17.0833	0.95	1	1	3.471672
Overweight Permit_serv	BOBJ1	8	22.7	Before	Left Exterior Girder	22.7	0.95	1	1	3.127953
Overweight Permit_serv	BOBJ1	8	22.7	Before	Interior Girder 1	22.7	0.95	1	1	3.308954
Overweight Permit_serv	BOBJ1	8	22.7	Before	Interior Girder 2	22.7	0.95	1	1	3.586483
Overweight Permit_serv	BOBJ1	8	22.7	Before	Interior Girder 3	22.7	0.95	1	1	3.477742
Overweight Permit_serv	BOBJ1	8	22.7	Before	Interior Girder 4	22.7	0.95	1	1	3.477742
Overweight Permit_serv	BOBJ1	8	22.7	Before	Interior Girder 5	22.7	0.95	1	1	3.586483
Overweight Permit_serv	BOBJ1	8	22.7	Before	Interior Girder 6	22.7	0.95	1	1	3.308954
Overweight Permit_serv	BOBJ1	8	22.7	Before	Right Exterior Girder	22.7	0.95	1	1	3.127953
Overweight Permit_serv	BOBJ1	9	22.7	After	Left Exterior Girder	22.7	0.95	1	1	3.15368
Overweight Permit_serv	BOBJ1	9	22.7	After	Interior Girder 1	22.7	0.95	1	1	3.298033
Overweight Permit_serv	BOBJ1	9	22.7	After	Interior Girder 2	22.7	0.95	1	1	3.589716
Overweight Permit_serv	BOBJ1	9	22.7	After	Interior Girder 3	22.7	0.95	1	1	3.471217
Overweight Permit_serv	BOBJ1	9	22.7	After	Interior Girder 4	22.7	0.95	1	1	3.471217
Overweight Permit_serv	BOBJ1	9	22.7	After	Interior Girder 5	22.7	0.95	1	1	3.589716
Overweight Permit_serv	BOBJ1	9	22.7	After	Interior Girder 6	22.7	0.95	1	1	3.298033
Overweight Permit_serv	BOBJ1	9	22.7	After	Right Exterior Girder	22.7	0.95	1	1	3.15368
Overweight Permit_serv	BOBJ1	10	28.3167	Before	Left Exterior Girder	28.3167	0.95	1	1	3.369757
Overweight Permit_serv	BOBJ1	10	28.3167	Before	Interior Girder 1	28.3167	0.95	1	1	3.332303
Overweight Permit_serv	BOBJ1	10	28.3167	Before	Interior Girder 2	28.3167	0.95	1	1	3.628598
Overweight Permit_serv	BOBJ1	10	28.3167	Before	Interior Girder 3	28.3167	0.95	1	1	3.463123
Overweight Permit_serv	BOBJ1	10	28.3167	Before	Interior Girder 4	28.3167	0.95	1	1	3.463123
Overweight Permit_serv	BOBJ1	10	28.3167	Before	Interior Girder 5	28.3167	0.95	1	1	3.628598
Overweight Permit_serv	BOBJ1	10	28.3167	Before	Interior Girder 6	28.3167	0.95	1	1	3.332303
Overweight Permit_serv	BOBJ1	10	28.3167	Before	Right Exterior Girder	28.3167	0.95	1	1	3.369757
Overweight Permit_serv	BOBJ1	11	28.3167	After	Left Exterior Girder	28.3167	0.95	1	1	3.360062
Overweight Permit_serv	BOBJ1	11	28.3167	After	Interior Girder 1	28.3167	0.95	1	1	3.313229
Overweight Permit_serv	BOBJ1	11	28.3167	After	Interior Girder 2	28.3167	0.95	1	1	3.596864
Overweight Permit_serv	BOBJ1	11	28.3167	After	Interior Girder 3	28.3167	0.95	1	1	3.416051
Overweight Permit_serv	BOBJ1	11	28.3167	After	Interior Girder 4	28.3167	0.95	1	1	3.416051
Overweight Permit_serv	BOBJ1	11	28.3167	After	Interior Girder 5	28.3167	0.95	1	1	3.596864
Overweight Permit_serv	BOBJ1	11	28.3167	After	Interior Girder 6	28.3167	0.95	1	1	3.313229
Overweight Permit_serv	BOBJ1	11	28.3167	After	Right Exterior Girder	28.3167	0.95	1	1	3.360062
Overweight Permit_serv	BOBJ1	12	33.9333	Before	Left Exterior Girder	33.9333	0.95	1	1	4.080835
Overweight Permit_serv	BOBJ1	12	33.9333	Before	Interior Girder 1	33.9333	0.95	1	1	3.823655
Overweight Permit_serv	BOBJ1	12	33.9333	Before	Interior Girder 2	33.9333	0.95	1	1	4.127835
Overweight Permit_serv	BOBJ1	12	33.9333	Before	Interior Girder 3	33.9333	0.95	1	1	3.920926
Overweight Permit_serv	BOBJ1	12	33.9333	Before	Interior Girder 4	33.9333	0.95	1	1	3.920926
Overweight Permit_serv	BOBJ1	12	33.9333	Before	Interior Girder 5	33.9333	0.95	1	1	4.127835
Overweight Permit_serv	BOBJ1	12	33.9333	Before	Interior Girder 6	33.9333	0.95	1	1	3.823655
Overweight Permit_serv	BOBJ1	12	33.9333	Before	Right Exterior Girder	33.9333	0.95	1	1	4.080835
Overweight Permit_serv	BOBJ1	13	33.9333	After	Left Exterior Girder	33.9333	0.95	1	1	4.01157
Overweight Permit_serv	BOBJ1	13	33.9333	After	Interior Girder 1	33.9333	0.95	1	1	3.845237
Overweight Permit_serv	BOBJ1	13	33.9333	After	Interior Girder 2	33.9333	0.95	1	1	4.114774
Overweight Permit_serv	BOBJ1	13	33.9333	After	Interior Girder 3	33.9333	0.95	1	1	3.882488

TABLE: Bridge Super Rating AASHTORATE18 31 - SteelCompServ-Flx - Approach, Span 12-15										
Request	BridgeObj	BridgeCut	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	Unitless	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Overweight Permit_serv	BOBJ1	13	33.9333	After	Interior Girder 4	33.9333	0.95	1	1	3.882488
Overweight Permit_serv	BOBJ1	13	33.9333	After	Interior Girder 5	33.9333	0.95	1	1	4.114774
Overweight Permit_serv	BOBJ1	13	33.9333	After	Interior Girder 6	33.9333	0.95	1	1	3.845237
Overweight Permit_serv	BOBJ1	13	33.9333	After	Right Exterior Girder	33.9333	0.95	1	1	4.01157
Overweight Permit_serv	BOBJ1	14	39.55	Before	Left Exterior Girder	39.55	0.95	1	1	5.812898
Overweight Permit_serv	BOBJ1	14	39.55	Before	Interior Girder 1	39.55	0.95	1	1	5.523752
Overweight Permit_serv	BOBJ1	14	39.55	Before	Interior Girder 2	39.55	0.95	1	1	5.798557
Overweight Permit_serv	BOBJ1	14	39.55	Before	Interior Girder 3	39.55	0.95	1	1	5.570187
Overweight Permit_serv	BOBJ1	14	39.55	Before	Interior Girder 4	39.55	0.95	1	1	5.570187
Overweight Permit_serv	BOBJ1	14	39.55	Before	Interior Girder 5	39.55	0.95	1	1	5.798557
Overweight Permit_serv	BOBJ1	14	39.55	Before	Interior Girder 6	39.55	0.95	1	1	5.523752
Overweight Permit_serv	BOBJ1	14	39.55	Before	Right Exterior Girder	39.55	0.95	1	1	5.812898
Overweight Permit_serv	BOBJ1	15	39.55	After	Left Exterior Girder	39.55	0.95	1	1	5.696685
Overweight Permit_serv	BOBJ1	15	39.55	After	Interior Girder 1	39.55	0.95	1	1	5.520504
Overweight Permit_serv	BOBJ1	15	39.55	After	Interior Girder 2	39.55	0.95	1	1	5.717163
Overweight Permit_serv	BOBJ1	15	39.55	After	Interior Girder 3	39.55	0.95	1	1	5.413143
Overweight Permit_serv	BOBJ1	15	39.55	After	Interior Girder 4	39.55	0.95	1	1	5.413143
Overweight Permit_serv	BOBJ1	15	39.55	After	Interior Girder 5	39.55	0.95	1	1	5.717163
Overweight Permit_serv	BOBJ1	15	39.55	After	Interior Girder 6	39.55	0.95	1	1	5.520504
Overweight Permit_serv	BOBJ1	15	39.55	After	Right Exterior Girder	39.55	0.95	1	1	5.696685
Overweight Permit_serv	BOBJ1	16	45.1733	Before	Left Exterior Girder	45.1226	0.95	1	1	4.362556
Overweight Permit_serv	BOBJ1	16	45.1733	Before	Interior Girder 1	45.1226	0.95	1	1	5.016691
Overweight Permit_serv	BOBJ1	16	45.1733	Before	Interior Girder 2	45.1226	0.95	1	1	5.672837
Overweight Permit_serv	BOBJ1	16	45.1733	Before	Interior Girder 3	45.1226	0.95	1	1	5.738335
Overweight Permit_serv	BOBJ1	16	45.1733	Before	Interior Girder 4	45.1226	0.95	1	1	5.738335
Overweight Permit_serv	BOBJ1	16	45.1733	Before	Interior Girder 5	45.1226	0.95	1	1	5.672837
Overweight Permit_serv	BOBJ1	16	45.1733	Before	Interior Girder 6	45.1226	0.95	1	1	5.016691
Overweight Permit_serv	BOBJ1	16	45.1733	Before	Right Exterior Girder	45.1226	0.95	1	1	4.362556
Overweight Permit_serv	BOBJ1	17	45.1733	After	Left Exterior Girder	45.1226	0.95	1	1	3.503527
Overweight Permit_serv	BOBJ1	17	45.1733	After	Interior Girder 1	45.1226	0.95	1	1	4.03282
Overweight Permit_serv	BOBJ1	17	45.1733	After	Interior Girder 2	45.1226	0.95	1	1	4.571397
Overweight Permit_serv	BOBJ1	17	45.1733	After	Interior Girder 3	45.1226	0.95	1	1	4.643188
Overweight Permit_serv	BOBJ1	17	45.1733	After	Interior Girder 4	45.1226	0.95	1	1	4.643188
Overweight Permit_serv	BOBJ1	17	45.1733	After	Interior Girder 5	45.1226	0.95	1	1	4.571397
Overweight Permit_serv	BOBJ1	17	45.1733	After	Interior Girder 6	45.1226	0.95	1	1	4.03282
Overweight Permit_serv	BOBJ1	17	45.1733	After	Right Exterior Girder	45.1226	0.95	1	1	3.503527
Overweight Permit_serv	BOBJ1	18	49.2561	Before	Left Exterior Girder	49.2561	0.95	1	1	2.261741
Overweight Permit_serv	BOBJ1	18	49.2561	Before	Right Exterior Girder	49.2561	0.95	1	1	2.261741
Overweight Permit_serv	BOBJ1	19	49.2561	After	Left Exterior Girder	49.2561	0.95	1	1	2.311347
Overweight Permit_serv	BOBJ1	19	49.2561	After	Right Exterior Girder	49.2561	0.95	1	1	2.311347
Overweight Permit_serv	BOBJ1	20	50.7967	Before	Left Exterior Girder	50.7967	0.95	1	1	4.205381
Overweight Permit_serv	BOBJ1	20	50.7967	Before	Interior Girder 1	50.7967	0.95	1	1	2.517866
Overweight Permit_serv	BOBJ1	20	50.7967	Before	Interior Girder 2	50.7967	0.95	1	1	2.800336
Overweight Permit_serv	BOBJ1	20	50.7967	Before	Interior Girder 3	50.7967	0.95	1	1	2.616509
Overweight Permit_serv	BOBJ1	20	50.7967	Before	Interior Girder 4	50.7967	0.95	1	1	2.616509
Overweight Permit_serv	BOBJ1	20	50.7967	Before	Interior Girder 5	50.7967	0.95	1	1	2.800336
Overweight Permit_serv	BOBJ1	20	50.7967	Before	Interior Girder 6	50.7967	0.95	1	1	2.517866
Overweight Permit_serv	BOBJ1	20	50.7967	Before	Right Exterior Girder	50.7967	0.95	1	1	4.205381
Overweight Permit_serv	BOBJ1	21	50.7967	After	Left Exterior Girder	50.7967	0.95	1	1	4.198484
Overweight Permit_serv	BOBJ1	21	50.7967	After	Interior Girder 1	50.7967	0.95	1	1	2.52331
Overweight Permit_serv	BOBJ1	21	50.7967	After	Interior Girder 2	50.7967	0.95	1	1	2.827009
Overweight Permit_serv	BOBJ1	21	50.7967	After	Interior Girder 3	50.7967	0.95	1	1	2.650867
Overweight Permit_serv	BOBJ1	21	50.7967	After	Interior Girder 4	50.7967	0.95	1	1	2.650867
Overweight Permit_serv	BOBJ1	21	50.7967	After	Interior Girder 5	50.7967	0.95	1	1	2.827009
Overweight Permit_serv	BOBJ1	21	50.7967	After	Interior Girder 6	50.7967	0.95	1	1	2.52331
Overweight Permit_serv	BOBJ1	21	50.7967	After	Right Exterior Girder	50.7967	0.95	1	1	4.198484
Overweight Permit_serv	BOBJ1	22	51.3989	Before	Interior Girder 1	51.3989	0.95	1	1	2.350873
Overweight Permit_serv	BOBJ1	22	51.3989	Before	Interior Girder 2	51.3989	0.95	1	1	2.65777
Overweight Permit_serv	BOBJ1	22	51.3989	Before	Interior Girder 3	51.3989	0.95	1	1	2.474803
Overweight Permit_serv	BOBJ1	22	51.3989	Before	Interior Girder 4	51.3989	0.95	1	1	2.474803
Overweight Permit_serv	BOBJ1	22	51.3989	Before	Interior Girder 5	51.3989	0.95	1	1	2.65777
Overweight Permit_serv	BOBJ1	22	51.3989	Before	Interior Girder 6	51.3989	0.95	1	1	2.350873
Overweight Permit_serv	BOBJ1	23	51.3989	After	Interior Girder 1	51.3989	0.95	1	1	3.495342
Overweight Permit_serv	BOBJ1	23	51.3989	After	Interior Girder 2	51.3989	0.95	1	1	3.93794
Overweight Permit_serv	BOBJ1	23	51.3989	After	Interior Girder 3	51.3989	0.95	1	1	3.704427
Overweight Permit_serv	BOBJ1	23	51.3989	After	Interior Girder 4	51.3989	0.95	1	1	3.704427
Overweight Permit_serv	BOBJ1	23	51.3989	After	Interior Girder 5	51.3989	0.95	1	1	3.93794
Overweight Permit_serv	BOBJ1	23	51.3989	After	Interior Girder 6	51.3989	0.95	1	1	3.495342
Overweight Permit_serv	BOBJ1	24	56.42	Before	Left Exterior Girder	56.42	0.95	1	1	2.402942
Overweight Permit_serv	BOBJ1	24	56.42	Before	Interior Girder 1	56.42	0.95	1	1	2.179403
Overweight Permit_serv	BOBJ1	24	56.42	Before	Interior Girder 2	56.42	0.95	1	1	2.519007
Overweight Permit_serv	BOBJ1	24	56.42	Before	Interior Girder 3	56.42	0.95	1	1	2.211901
Overweight Permit_serv	BOBJ1	24	56.42	Before	Interior Girder 4	56.42	0.95	1	1	2.211901

TABLE: Bridge Super Rating AASHTORATE18 31 - SteelICompServ-Flx - Approach, Span 12-15										
Request	BridgeObj	BridgeCut	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	Unitless	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Overweight Permit_serv	BOBJ1	24	56.42	Before	Interior Girder 5	56.42	0.95	1	1	2.519007
Overweight Permit_serv	BOBJ1	24	56.42	Before	Interior Girder 6	56.42	0.95	1	1	2.179403
Overweight Permit_serv	BOBJ1	24	56.42	Before	Right Exterior Girder	56.42	0.95	1	1	2.402942
Overweight Permit_serv	BOBJ1	25	56.42	After	Left Exterior Girder	0	0.95	1	1	2.374073
Overweight Permit_serv	BOBJ1	25	56.42	After	Interior Girder 1	0	0.95	1	1	2.181621
Overweight Permit_serv	BOBJ1	25	56.42	After	Interior Girder 2	0	0.95	1	1	2.471939
Overweight Permit_serv	BOBJ1	25	56.42	After	Interior Girder 3	0	0.95	1	1	2.153482
Overweight Permit_serv	BOBJ1	25	56.42	After	Interior Girder 4	0	0.95	1	1	2.153482
Overweight Permit_serv	BOBJ1	25	56.42	After	Interior Girder 5	0	0.95	1	1	2.471939
Overweight Permit_serv	BOBJ1	25	56.42	After	Interior Girder 6	0	0.95	1	1	2.181621
Overweight Permit_serv	BOBJ1	25	56.42	After	Right Exterior Girder	0	0.95	1	1	2.374073
Overweight Permit_serv	BOBJ1	26	62.0367	Before	Left Exterior Girder	5.6167	0.95	1	1	4.173197
Overweight Permit_serv	BOBJ1	26	62.0367	Before	Interior Girder 1	5.6167	0.95	1	1	3.700566
Overweight Permit_serv	BOBJ1	26	62.0367	Before	Interior Girder 2	5.6167	0.95	1	1	4.243937
Overweight Permit_serv	BOBJ1	26	62.0367	Before	Interior Girder 3	5.6167	0.95	1	1	3.958312
Overweight Permit_serv	BOBJ1	26	62.0367	Before	Interior Girder 4	5.6167	0.95	1	1	3.958312
Overweight Permit_serv	BOBJ1	26	62.0367	Before	Interior Girder 5	5.6167	0.95	1	1	4.243937
Overweight Permit_serv	BOBJ1	26	62.0367	Before	Interior Girder 6	5.6167	0.95	1	1	3.700566
Overweight Permit_serv	BOBJ1	26	62.0367	Before	Right Exterior Girder	5.6167	0.95	1	1	4.173197
Overweight Permit_serv	BOBJ1	27	62.0367	After	Left Exterior Girder	5.6167	0.95	1	1	4.093589
Overweight Permit_serv	BOBJ1	27	62.0367	After	Interior Girder 1	5.6167	0.95	1	1	3.797644
Overweight Permit_serv	BOBJ1	27	62.0367	After	Interior Girder 2	5.6167	0.95	1	1	4.28191
Overweight Permit_serv	BOBJ1	27	62.0367	After	Interior Girder 3	5.6167	0.95	1	1	3.985711
Overweight Permit_serv	BOBJ1	27	62.0367	After	Interior Girder 4	5.6167	0.95	1	1	3.985711
Overweight Permit_serv	BOBJ1	27	62.0367	After	Interior Girder 5	5.6167	0.95	1	1	4.28191
Overweight Permit_serv	BOBJ1	27	62.0367	After	Interior Girder 6	5.6167	0.95	1	1	3.797644
Overweight Permit_serv	BOBJ1	27	62.0367	After	Right Exterior Girder	5.6167	0.95	1	1	4.093589
Overweight Permit_serv	BOBJ1	28	62.4203	Before	Interior Girder 1	6.0003	0.95	1	1	3.9578
Overweight Permit_serv	BOBJ1	28	62.4203	Before	Interior Girder 2	6.0003	0.95	1	1	4.428336
Overweight Permit_serv	BOBJ1	28	62.4203	Before	Interior Girder 3	6.0003	0.95	1	1	4.135346
Overweight Permit_serv	BOBJ1	28	62.4203	Before	Interior Girder 4	6.0003	0.95	1	1	4.135346
Overweight Permit_serv	BOBJ1	28	62.4203	Before	Interior Girder 5	6.0003	0.95	1	1	4.428336
Overweight Permit_serv	BOBJ1	28	62.4203	Before	Interior Girder 6	6.0003	0.95	1	1	3.9578
Overweight Permit_serv	BOBJ1	29	62.4203	After	Interior Girder 1	6.0003	0.95	1	1	2.657377
Overweight Permit_serv	BOBJ1	29	62.4203	After	Interior Girder 2	6.0003	0.95	1	1	2.978848
Overweight Permit_serv	BOBJ1	29	62.4203	After	Interior Girder 3	6.0003	0.95	1	1	2.751241
Overweight Permit_serv	BOBJ1	29	62.4203	After	Interior Girder 4	6.0003	0.95	1	1	2.751241
Overweight Permit_serv	BOBJ1	29	62.4203	After	Interior Girder 5	6.0003	0.95	1	1	2.978848
Overweight Permit_serv	BOBJ1	29	62.4203	After	Interior Girder 6	6.0003	0.95	1	1	2.657377
Overweight Permit_serv	BOBJ1	30	64.9204	Before	Left Exterior Girder	8.5004	0.95	1	1	5.483543
Overweight Permit_serv	BOBJ1	30	64.9204	Before	Right Exterior Girder	8.5004	0.95	1	1	5.483543
Overweight Permit_serv	BOBJ1	31	64.9204	After	Left Exterior Girder	8.5004	0.95	1	1	2.606536
Overweight Permit_serv	BOBJ1	31	64.9204	After	Right Exterior Girder	8.5004	0.95	1	1	2.606536
Overweight Permit_serv	BOBJ1	32	67.6533	Before	Left Exterior Girder	11.2333	0.95	1	1	3.784818
Overweight Permit_serv	BOBJ1	32	67.6533	Before	Interior Girder 1	11.2333	0.95	1	1	4.350886
Overweight Permit_serv	BOBJ1	32	67.6533	Before	Interior Girder 2	11.2333	0.95	1	1	4.841879
Overweight Permit_serv	BOBJ1	32	67.6533	Before	Interior Girder 3	11.2333	0.95	1	1	4.716075
Overweight Permit_serv	BOBJ1	32	67.6533	Before	Interior Girder 4	11.2333	0.95	1	1	4.716075
Overweight Permit_serv	BOBJ1	32	67.6533	Before	Interior Girder 5	11.2333	0.95	1	1	4.841879
Overweight Permit_serv	BOBJ1	32	67.6533	Before	Interior Girder 6	11.2333	0.95	1	1	4.350886
Overweight Permit_serv	BOBJ1	32	67.6533	Before	Right Exterior Girder	11.2333	0.95	1	1	3.784818
Overweight Permit_serv	BOBJ1	33	67.6533	After	Left Exterior Girder	11.2333	0.95	1	1	3.687762
Overweight Permit_serv	BOBJ1	33	67.6533	After	Interior Girder 1	11.2333	0.95	1	1	4.371775
Overweight Permit_serv	BOBJ1	33	67.6533	After	Interior Girder 2	11.2333	0.95	1	1	4.796923
Overweight Permit_serv	BOBJ1	33	67.6533	After	Interior Girder 3	11.2333	0.95	1	1	4.637914
Overweight Permit_serv	BOBJ1	33	67.6533	After	Interior Girder 4	11.2333	0.95	1	1	4.637914
Overweight Permit_serv	BOBJ1	33	67.6533	After	Interior Girder 5	11.2333	0.95	1	1	4.796923
Overweight Permit_serv	BOBJ1	33	67.6533	After	Interior Girder 6	11.2333	0.95	1	1	4.371775
Overweight Permit_serv	BOBJ1	33	67.6533	After	Right Exterior Girder	11.2333	0.95	1	1	3.687762
Overweight Permit_serv	BOBJ1	34	73.27	Before	Left Exterior Girder	16.85	0.95	1	1	5.84195
Overweight Permit_serv	BOBJ1	34	73.27	Before	Interior Girder 1	16.85	0.95	1	1	5.656862
Overweight Permit_serv	BOBJ1	34	73.27	Before	Interior Girder 2	16.85	0.95	1	1	5.728644
Overweight Permit_serv	BOBJ1	34	73.27	Before	Interior Girder 3	16.85	0.95	1	1	5.357008
Overweight Permit_serv	BOBJ1	34	73.27	Before	Interior Girder 4	16.85	0.95	1	1	5.357008
Overweight Permit_serv	BOBJ1	34	73.27	Before	Interior Girder 5	16.85	0.95	1	1	5.728644
Overweight Permit_serv	BOBJ1	34	73.27	Before	Interior Girder 6	16.85	0.95	1	1	5.656862
Overweight Permit_serv	BOBJ1	34	73.27	Before	Right Exterior Girder	16.85	0.95	1	1	5.84195
Overweight Permit_serv	BOBJ1	35	73.27	After	Left Exterior Girder	16.85	0.95	1	1	6.020961
Overweight Permit_serv	BOBJ1	35	73.27	After	Interior Girder 1	16.85	0.95	1	1	5.597475
Overweight Permit_serv	BOBJ1	35	73.27	After	Interior Girder 2	16.85	0.95	1	1	5.771256
Overweight Permit_serv	BOBJ1	35	73.27	After	Interior Girder 3	16.85	0.95	1	1	5.470694
Overweight Permit_serv	BOBJ1	35	73.27	After	Interior Girder 4	16.85	0.95	1	1	5.470694
Overweight Permit_serv	BOBJ1	35	73.27	After	Interior Girder 5	16.85	0.95	1	1	5.771256

TABLE: Bridge Super Rating AASHTORATE18 31 - SteelICompServ-Flx - Approach, Span 12-15										
Request	BridgeObj	BridgeCut	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	Unitless	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Overweight Permit_serv	BOBJ1	35	73.27	After	Interior Girder 6	16.85	0.95	1	1	5.597475
Overweight Permit_serv	BOBJ1	35	73.27	After	Right Exterior Girder	16.85	0.95	1	1	6.020961
Overweight Permit_serv	BOBJ1	36	78.8867	Before	Left Exterior Girder	22.4667	0.95	1	1	3.849397
Overweight Permit_serv	BOBJ1	36	78.8867	Before	Interior Girder 1	22.4667	0.95	1	1	3.715435
Overweight Permit_serv	BOBJ1	36	78.8867	Before	Interior Girder 2	22.4667	0.95	1	1	3.951777
Overweight Permit_serv	BOBJ1	36	78.8867	Before	Interior Girder 3	22.4667	0.95	1	1	3.698309
Overweight Permit_serv	BOBJ1	36	78.8867	Before	Interior Girder 4	22.4667	0.95	1	1	3.698309
Overweight Permit_serv	BOBJ1	36	78.8867	Before	Interior Girder 5	22.4667	0.95	1	1	3.951777
Overweight Permit_serv	BOBJ1	36	78.8867	Before	Interior Girder 6	22.4667	0.95	1	1	3.715435
Overweight Permit_serv	BOBJ1	36	78.8867	Before	Right Exterior Girder	22.4667	0.95	1	1	3.849397
Overweight Permit_serv	BOBJ1	37	78.8867	After	Left Exterior Girder	22.4667	0.95	1	1	3.947178
Overweight Permit_serv	BOBJ1	37	78.8867	After	Interior Girder 1	22.4667	0.95	1	1	3.680785
Overweight Permit_serv	BOBJ1	37	78.8867	After	Interior Girder 2	22.4667	0.95	1	1	3.956536
Overweight Permit_serv	BOBJ1	37	78.8867	After	Interior Girder 3	22.4667	0.95	1	1	3.732328
Overweight Permit_serv	BOBJ1	37	78.8867	After	Interior Girder 4	22.4667	0.95	1	1	3.732328
Overweight Permit_serv	BOBJ1	37	78.8867	After	Interior Girder 5	22.4667	0.95	1	1	3.956536
Overweight Permit_serv	BOBJ1	37	78.8867	After	Interior Girder 6	22.4667	0.95	1	1	3.680785
Overweight Permit_serv	BOBJ1	37	78.8867	After	Right Exterior Girder	22.4667	0.95	1	1	3.947178
Overweight Permit_serv	BOBJ1	38	84.5033	Before	Left Exterior Girder	28.0833	0.95	1	1	3.082971
Overweight Permit_serv	BOBJ1	38	84.5033	Before	Interior Girder 1	28.0833	0.95	1	1	3.102107
Overweight Permit_serv	BOBJ1	38	84.5033	Before	Interior Girder 2	28.0833	0.95	1	1	3.363088
Overweight Permit_serv	BOBJ1	38	84.5033	Before	Interior Girder 3	28.0833	0.95	1	1	3.197888
Overweight Permit_serv	BOBJ1	38	84.5033	Before	Interior Girder 4	28.0833	0.95	1	1	3.197888
Overweight Permit_serv	BOBJ1	38	84.5033	Before	Interior Girder 5	28.0833	0.95	1	1	3.363088
Overweight Permit_serv	BOBJ1	38	84.5033	Before	Interior Girder 6	28.0833	0.95	1	1	3.102107
Overweight Permit_serv	BOBJ1	38	84.5033	Before	Right Exterior Girder	28.0833	0.95	1	1	3.082971
Overweight Permit_serv	BOBJ1	39	84.5033	After	Left Exterior Girder	28.0833	0.95	1	1	3.114848
Overweight Permit_serv	BOBJ1	39	84.5033	After	Interior Girder 1	28.0833	0.95	1	1	3.111812
Overweight Permit_serv	BOBJ1	39	84.5033	After	Interior Girder 2	28.0833	0.95	1	1	3.393274
Overweight Permit_serv	BOBJ1	39	84.5033	After	Interior Girder 3	28.0833	0.95	1	1	3.236456
Overweight Permit_serv	BOBJ1	39	84.5033	After	Interior Girder 4	28.0833	0.95	1	1	3.236456
Overweight Permit_serv	BOBJ1	39	84.5033	After	Interior Girder 5	28.0833	0.95	1	1	3.393274
Overweight Permit_serv	BOBJ1	39	84.5033	After	Interior Girder 6	28.0833	0.95	1	1	3.111812
Overweight Permit_serv	BOBJ1	39	84.5033	After	Right Exterior Girder	28.0833	0.95	1	1	3.114848
Overweight Permit_serv	BOBJ1	40	90.12	Before	Left Exterior Girder	33.7	0.95	1	1	2.838426
Overweight Permit_serv	BOBJ1	40	90.12	Before	Interior Girder 1	33.7	0.95	1	1	3.104067
Overweight Permit_serv	BOBJ1	40	90.12	Before	Interior Girder 2	33.7	0.95	1	1	3.397167
Overweight Permit_serv	BOBJ1	40	90.12	Before	Interior Girder 3	33.7	0.95	1	1	3.327477
Overweight Permit_serv	BOBJ1	40	90.12	Before	Interior Girder 4	33.7	0.95	1	1	3.327477
Overweight Permit_serv	BOBJ1	40	90.12	Before	Interior Girder 5	33.7	0.95	1	1	3.397167
Overweight Permit_serv	BOBJ1	40	90.12	Before	Interior Girder 6	33.7	0.95	1	1	3.104067
Overweight Permit_serv	BOBJ1	40	90.12	Before	Right Exterior Girder	33.7	0.95	1	1	2.838426
Overweight Permit_serv	BOBJ1	41	90.12	After	Left Exterior Girder	33.7	0.95	1	1	2.846963
Overweight Permit_serv	BOBJ1	41	90.12	After	Interior Girder 1	33.7	0.95	1	1	3.093336
Overweight Permit_serv	BOBJ1	41	90.12	After	Interior Girder 2	33.7	0.95	1	1	3.389076
Overweight Permit_serv	BOBJ1	41	90.12	After	Interior Girder 3	33.7	0.95	1	1	3.314424
Overweight Permit_serv	BOBJ1	41	90.12	After	Interior Girder 4	33.7	0.95	1	1	3.314424
Overweight Permit_serv	BOBJ1	41	90.12	After	Interior Girder 5	33.7	0.95	1	1	3.389076
Overweight Permit_serv	BOBJ1	41	90.12	After	Interior Girder 6	33.7	0.95	1	1	3.093336
Overweight Permit_serv	BOBJ1	41	90.12	After	Right Exterior Girder	33.7	0.95	1	1	2.846963
Overweight Permit_serv	BOBJ1	42	95.7367	Before	Left Exterior Girder	39.3167	0.95	1	1	3.089709
Overweight Permit_serv	BOBJ1	42	95.7367	Before	Interior Girder 1	39.3167	0.95	1	1	3.090091
Overweight Permit_serv	BOBJ1	42	95.7367	Before	Interior Girder 2	39.3167	0.95	1	1	3.370706
Overweight Permit_serv	BOBJ1	42	95.7367	Before	Interior Girder 3	39.3167	0.95	1	1	3.218566
Overweight Permit_serv	BOBJ1	42	95.7367	Before	Interior Girder 4	39.3167	0.95	1	1	3.218566
Overweight Permit_serv	BOBJ1	42	95.7367	Before	Interior Girder 5	39.3167	0.95	1	1	3.370706
Overweight Permit_serv	BOBJ1	42	95.7367	Before	Interior Girder 6	39.3167	0.95	1	1	3.090091
Overweight Permit_serv	BOBJ1	42	95.7367	Before	Right Exterior Girder	39.3167	0.95	1	1	3.089709
Overweight Permit_serv	BOBJ1	43	95.7367	After	Left Exterior Girder	39.3167	0.95	1	1	3.061377
Overweight Permit_serv	BOBJ1	43	95.7367	After	Interior Girder 1	39.3167	0.95	1	1	3.078928
Overweight Permit_serv	BOBJ1	43	95.7367	After	Interior Girder 2	39.3167	0.95	1	1	3.341131
Overweight Permit_serv	BOBJ1	43	95.7367	After	Interior Girder 3	39.3167	0.95	1	1	3.181218
Overweight Permit_serv	BOBJ1	43	95.7367	After	Interior Girder 4	39.3167	0.95	1	1	3.181218
Overweight Permit_serv	BOBJ1	43	95.7367	After	Interior Girder 5	39.3167	0.95	1	1	3.341131
Overweight Permit_serv	BOBJ1	43	95.7367	After	Interior Girder 6	39.3167	0.95	1	1	3.078928
Overweight Permit_serv	BOBJ1	43	95.7367	After	Right Exterior Girder	39.3167	0.95	1	1	3.061377
Overweight Permit_serv	BOBJ1	44	101.3533	Before	Left Exterior Girder	44.9333	0.95	1	1	3.868131
Overweight Permit_serv	BOBJ1	44	101.3533	Before	Interior Girder 1	44.9333	0.95	1	1	3.632432
Overweight Permit_serv	BOBJ1	44	101.3533	Before	Interior Girder 2	44.9333	0.95	1	1	3.908828
Overweight Permit_serv	BOBJ1	44	101.3533	Before	Interior Girder 3	44.9333	0.95	1	1	3.704666
Overweight Permit_serv	BOBJ1	44	101.3533	Before	Interior Girder 4	44.9333	0.95	1	1	3.704666
Overweight Permit_serv	BOBJ1	44	101.3533	Before	Interior Girder 5	44.9333	0.95	1	1	3.908828
Overweight Permit_serv	BOBJ1	44	101.3533	Before	Interior Girder 6	44.9333	0.95	1	1	3.632432

TABLE: Bridge Super Rating AASHTORATE18 31 - SteelICompServ-Flx - Approach, Span 12-15										
Request	BridgeObj	BridgeCut	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	Unitless	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Overweight Permit_serv	BOBJ1	44	101.3533	Before	Right Exterior Girder	44.9333	0.95	1	1	3.868131
Overweight Permit_serv	BOBJ1	45	101.3533	After	Left Exterior Girder	44.9333	0.95	1	1	3.77706
Overweight Permit_serv	BOBJ1	45	101.3533	After	Interior Girder 1	44.9333	0.95	1	1	3.664968
Overweight Permit_serv	BOBJ1	45	101.3533	After	Interior Girder 2	44.9333	0.95	1	1	3.906185
Overweight Permit_serv	BOBJ1	45	101.3533	After	Interior Girder 3	44.9333	0.95	1	1	3.673388
Overweight Permit_serv	BOBJ1	45	101.3533	After	Interior Girder 4	44.9333	0.95	1	1	3.673388
Overweight Permit_serv	BOBJ1	45	101.3533	After	Interior Girder 5	44.9333	0.95	1	1	3.906185
Overweight Permit_serv	BOBJ1	45	101.3533	After	Interior Girder 6	44.9333	0.95	1	1	3.664968
Overweight Permit_serv	BOBJ1	45	101.3533	After	Right Exterior Girder	44.9333	0.95	1	1	3.77706
Overweight Permit_serv	BOBJ1	46	106.97	Before	Left Exterior Girder	50.55	0.95	1	1	5.024507
Overweight Permit_serv	BOBJ1	46	106.97	Before	Interior Girder 1	50.55	0.95	1	1	5.467565
Overweight Permit_serv	BOBJ1	46	106.97	Before	Interior Girder 2	50.55	0.95	1	1	5.650782
Overweight Permit_serv	BOBJ1	46	106.97	Before	Interior Girder 3	50.55	0.95	1	1	5.403443
Overweight Permit_serv	BOBJ1	46	106.97	Before	Interior Girder 4	50.55	0.95	1	1	5.403443
Overweight Permit_serv	BOBJ1	46	106.97	Before	Interior Girder 5	50.55	0.95	1	1	5.650782
Overweight Permit_serv	BOBJ1	46	106.97	Before	Interior Girder 6	50.55	0.95	1	1	5.467565
Overweight Permit_serv	BOBJ1	46	106.97	Before	Right Exterior Girder	50.55	0.95	1	1	5.024507
Overweight Permit_serv	BOBJ1	47	106.97	After	Left Exterior Girder	50.55	0.95	1	1	5.068458
Overweight Permit_serv	BOBJ1	47	106.97	After	Interior Girder 1	50.55	0.95	1	1	5.47253
Overweight Permit_serv	BOBJ1	47	106.97	After	Interior Girder 2	50.55	0.95	1	1	5.57669
Overweight Permit_serv	BOBJ1	47	106.97	After	Interior Girder 3	50.55	0.95	1	1	5.246451
Overweight Permit_serv	BOBJ1	47	106.97	After	Interior Girder 4	50.55	0.95	1	1	5.246451
Overweight Permit_serv	BOBJ1	47	106.97	After	Interior Girder 5	50.55	0.95	1	1	5.57669
Overweight Permit_serv	BOBJ1	47	106.97	After	Interior Girder 6	50.55	0.95	1	1	5.47253
Overweight Permit_serv	BOBJ1	47	106.97	After	Right Exterior Girder	50.55	0.95	1	1	5.068458
Overweight Permit_serv	BOBJ1	48	112.5933	Before	Left Exterior Girder	56.1733	0.95	1	1	3.242561
Overweight Permit_serv	BOBJ1	48	112.5933	Before	Interior Girder 1	56.1733	0.95	1	1	3.848248
Overweight Permit_serv	BOBJ1	48	112.5933	Before	Interior Girder 2	56.1733	0.95	1	1	4.288436
Overweight Permit_serv	BOBJ1	48	112.5933	Before	Interior Girder 3	56.1733	0.95	1	1	4.207847
Overweight Permit_serv	BOBJ1	48	112.5933	Before	Interior Girder 4	56.1733	0.95	1	1	4.207847
Overweight Permit_serv	BOBJ1	48	112.5933	Before	Interior Girder 5	56.1733	0.95	1	1	4.288436
Overweight Permit_serv	BOBJ1	48	112.5933	Before	Interior Girder 6	56.1733	0.95	1	1	3.848248
Overweight Permit_serv	BOBJ1	48	112.5933	Before	Right Exterior Girder	56.1733	0.95	1	1	3.242561
Overweight Permit_serv	BOBJ1	49	112.5933	After	Left Exterior Girder	56.1733	0.95	1	1	3.310362
Overweight Permit_serv	BOBJ1	49	112.5933	After	Interior Girder 1	56.1733	0.95	1	1	3.840019
Overweight Permit_serv	BOBJ1	49	112.5933	After	Interior Girder 2	56.1733	0.95	1	1	4.322048
Overweight Permit_serv	BOBJ1	49	112.5933	After	Interior Girder 3	56.1733	0.95	1	1	4.288297
Overweight Permit_serv	BOBJ1	49	112.5933	After	Interior Girder 4	56.1733	0.95	1	1	4.288297
Overweight Permit_serv	BOBJ1	49	112.5933	After	Interior Girder 5	56.1733	0.95	1	1	4.322048
Overweight Permit_serv	BOBJ1	49	112.5933	After	Interior Girder 6	56.1733	0.95	1	1	3.840019
Overweight Permit_serv	BOBJ1	49	112.5933	After	Right Exterior Girder	56.1733	0.95	1	1	3.310362
Overweight Permit_serv	BOBJ1	50	115.3396	Before	Left Exterior Girder	58.9196	0.95	1	1	2.326199
Overweight Permit_serv	BOBJ1	50	115.3396	Before	Right Exterior Girder	58.9196	0.95	1	1	2.326199
Overweight Permit_serv	BOBJ1	51	115.3396	After	Left Exterior Girder	58.9196	0.95	1	1	4.986633
Overweight Permit_serv	BOBJ1	51	115.3396	After	Right Exterior Girder	58.9196	0.95	1	1	4.986633
Overweight Permit_serv	BOBJ1	52	118.2167	Before	Left Exterior Girder	61.7967	0.95	1	1	3.723131
Overweight Permit_serv	BOBJ1	52	118.2167	Before	Interior Girder 1	61.9198	0.95	1	1	2.262257
Overweight Permit_serv	BOBJ1	52	118.2167	Before	Interior Girder 2	61.9198	0.95	1	1	2.586135
Overweight Permit_serv	BOBJ1	52	118.2167	Before	Interior Girder 3	61.9198	0.95	1	1	2.406707
Overweight Permit_serv	BOBJ1	52	118.2167	Before	Interior Girder 4	61.9198	0.95	1	1	2.406707
Overweight Permit_serv	BOBJ1	52	118.2167	Before	Interior Girder 5	61.9198	0.95	1	1	2.586135
Overweight Permit_serv	BOBJ1	52	118.2167	Before	Interior Girder 6	61.9198	0.95	1	1	2.262257
Overweight Permit_serv	BOBJ1	52	118.2167	Before	Right Exterior Girder	61.7967	0.95	1	1	3.723131
Overweight Permit_serv	BOBJ1	53	118.2167	After	Left Exterior Girder	61.7967	0.95	1	1	3.761255
Overweight Permit_serv	BOBJ1	53	118.2167	After	Interior Girder 1	61.9198	0.95	1	1	3.375379
Overweight Permit_serv	BOBJ1	53	118.2167	After	Interior Girder 2	61.9198	0.95	1	1	3.855158
Overweight Permit_serv	BOBJ1	53	118.2167	After	Interior Girder 3	61.9198	0.95	1	1	3.635885
Overweight Permit_serv	BOBJ1	53	118.2167	After	Interior Girder 4	61.9198	0.95	1	1	3.635885
Overweight Permit_serv	BOBJ1	53	118.2167	After	Interior Girder 5	61.9198	0.95	1	1	3.855158
Overweight Permit_serv	BOBJ1	53	118.2167	After	Interior Girder 6	61.9198	0.95	1	1	3.375379
Overweight Permit_serv	BOBJ1	53	118.2167	After	Right Exterior Girder	61.7967	0.95	1	1	3.761255
Overweight Permit_serv	BOBJ1	54	123.84	Before	Left Exterior Girder	67.42	0.95	1	1	2.203177
Overweight Permit_serv	BOBJ1	54	123.84	Before	Interior Girder 1	67.42	0.95	1	1	2.035977
Overweight Permit_serv	BOBJ1	54	123.84	Before	Interior Girder 2	67.42	0.95	1	1	2.359553
Overweight Permit_serv	BOBJ1	54	123.84	Before	Interior Girder 3	67.42	0.95	1	1	2.06176
Overweight Permit_serv	BOBJ1	54	123.84	Before	Interior Girder 4	67.42	0.95	1	1	2.06176
Overweight Permit_serv	BOBJ1	54	123.84	Before	Interior Girder 5	67.42	0.95	1	1	2.359553
Overweight Permit_serv	BOBJ1	54	123.84	Before	Interior Girder 6	67.42	0.95	1	1	2.035977
Overweight Permit_serv	BOBJ1	54	123.84	Before	Right Exterior Girder	67.42	0.95	1	1	2.203177
Overweight Permit_serv	BOBJ1	55	123.84	After	Left Exterior Girder	0	0.95	1	1	2.193288
Overweight Permit_serv	BOBJ1	55	123.84	After	Interior Girder 1	0	0.95	1	1	2.033765
Overweight Permit_serv	BOBJ1	55	123.84	After	Interior Girder 2	0	0.95	1	1	2.35132
Overweight Permit_serv	BOBJ1	55	123.84	After	Interior Girder 3	0	0.95	1	1	2.047779

TABLE: Bridge Super Rating AASHTORATE18 31 - SteelICompServ-Flx - Approach, Span 12-15										
Request	BridgeObj	BridgeCut	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	Unitless	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Overweight Permit_serv	BOBJ1	55	123.84	After	Interior Girder 4	0	0.95	1	1	2.047779
Overweight Permit_serv	BOBJ1	55	123.84	After	Interior Girder 5	0	0.95	1	1	2.35132
Overweight Permit_serv	BOBJ1	55	123.84	After	Interior Girder 6	0	0.95	1	1	2.033765
Overweight Permit_serv	BOBJ1	55	123.84	After	Right Exterior Girder	0	0.95	1	1	2.193288
Overweight Permit_serv	BOBJ1	56	129.34	Before	Interior Girder 1	5.5	0.95	1	1	3.340435
Overweight Permit_serv	BOBJ1	56	129.34	Before	Interior Girder 2	5.5	0.95	1	1	3.831772
Overweight Permit_serv	BOBJ1	56	129.34	Before	Interior Girder 3	5.5	0.95	1	1	3.615278
Overweight Permit_serv	BOBJ1	56	129.34	Before	Interior Girder 4	5.5	0.95	1	1	3.615278
Overweight Permit_serv	BOBJ1	56	129.34	Before	Interior Girder 5	5.5	0.95	1	1	3.831772
Overweight Permit_serv	BOBJ1	56	129.34	Before	Interior Girder 6	5.5	0.95	1	1	3.340435
Overweight Permit_serv	BOBJ1	57	129.34	After	Interior Girder 1	5.5	0.95	1	1	2.245478
Overweight Permit_serv	BOBJ1	57	129.34	After	Interior Girder 2	5.5	0.95	1	1	2.589995
Overweight Permit_serv	BOBJ1	57	129.34	After	Interior Girder 3	5.5	0.95	1	1	2.417544
Overweight Permit_serv	BOBJ1	57	129.34	After	Interior Girder 4	5.5	0.95	1	1	2.417544
Overweight Permit_serv	BOBJ1	57	129.34	After	Interior Girder 5	5.5	0.95	1	1	2.589995
Overweight Permit_serv	BOBJ1	57	129.34	After	Interior Girder 6	5.5	0.95	1	1	2.245478
Overweight Permit_serv	BOBJ1	58	130.79	Before	Left Exterior Girder	6.95	0.95	1	1	4.279332
Overweight Permit_serv	BOBJ1	58	130.79	Before	Interior Girder 1	6.95	0.95	1	1	2.650079
Overweight Permit_serv	BOBJ1	58	130.79	Before	Interior Girder 2	6.95	0.95	1	1	2.964179
Overweight Permit_serv	BOBJ1	58	130.79	Before	Interior Girder 3	6.95	0.95	1	1	2.817157
Overweight Permit_serv	BOBJ1	58	130.79	Before	Interior Girder 4	6.95	0.95	1	1	2.817157
Overweight Permit_serv	BOBJ1	58	130.79	Before	Interior Girder 5	6.95	0.95	1	1	2.964179
Overweight Permit_serv	BOBJ1	58	130.79	Before	Interior Girder 6	6.95	0.95	1	1	2.650079
Overweight Permit_serv	BOBJ1	58	130.79	Before	Right Exterior Girder	6.95	0.95	1	1	4.279332
Overweight Permit_serv	BOBJ1	59	130.79	After	Left Exterior Girder	6.95	0.95	1	1	4.282357
Overweight Permit_serv	BOBJ1	59	130.79	After	Interior Girder 1	6.95	0.95	1	1	2.611456
Overweight Permit_serv	BOBJ1	59	130.79	After	Interior Girder 2	6.95	0.95	1	1	2.926632
Overweight Permit_serv	BOBJ1	59	130.79	After	Interior Girder 3	6.95	0.95	1	1	2.768928
Overweight Permit_serv	BOBJ1	59	130.79	After	Interior Girder 4	6.95	0.95	1	1	2.768928
Overweight Permit_serv	BOBJ1	59	130.79	After	Interior Girder 5	6.95	0.95	1	1	2.926632
Overweight Permit_serv	BOBJ1	59	130.79	After	Interior Girder 6	6.95	0.95	1	1	2.611456
Overweight Permit_serv	BOBJ1	59	130.79	After	Right Exterior Girder	6.95	0.95	1	1	4.282357
Overweight Permit_serv	BOBJ1	60	132.34	Before	Left Exterior Girder	8.5	0.95	1	1	5.128719
Overweight Permit_serv	BOBJ1	60	132.34	Before	Right Exterior Girder	8.5	0.95	1	1	5.128719
Overweight Permit_serv	BOBJ1	61	132.34	After	Left Exterior Girder	8.5	0.95	1	1	2.328291
Overweight Permit_serv	BOBJ1	61	132.34	After	Right Exterior Girder	8.5	0.95	1	1	2.328291
Overweight Permit_serv	BOBJ1	62	137.74	Before	Left Exterior Girder	13.9	0.95	1	1	4.232293
Overweight Permit_serv	BOBJ1	62	137.74	Before	Interior Girder 1	13.9	0.95	1	1	4.732103
Overweight Permit_serv	BOBJ1	62	137.74	Before	Interior Girder 2	13.9	0.95	1	1	5.348916
Overweight Permit_serv	BOBJ1	62	137.74	Before	Interior Girder 3	13.9	0.95	1	1	5.641507
Overweight Permit_serv	BOBJ1	62	137.74	Before	Interior Girder 4	13.9	0.95	1	1	5.641507
Overweight Permit_serv	BOBJ1	62	137.74	Before	Interior Girder 5	13.9	0.95	1	1	5.348916
Overweight Permit_serv	BOBJ1	62	137.74	Before	Interior Girder 6	13.9	0.95	1	1	4.732103
Overweight Permit_serv	BOBJ1	62	137.74	Before	Right Exterior Girder	13.9	0.95	1	1	4.232293
Overweight Permit_serv	BOBJ1	63	137.74	After	Left Exterior Girder	13.9	0.95	1	1	4.163796
Overweight Permit_serv	BOBJ1	63	137.74	After	Interior Girder 1	13.9	0.95	1	1	4.790733
Overweight Permit_serv	BOBJ1	63	137.74	After	Interior Girder 2	13.9	0.95	1	1	5.348567
Overweight Permit_serv	BOBJ1	63	137.74	After	Interior Girder 3	13.9	0.95	1	1	5.551572
Overweight Permit_serv	BOBJ1	63	137.74	After	Interior Girder 4	13.9	0.95	1	1	5.551572
Overweight Permit_serv	BOBJ1	63	137.74	After	Interior Girder 5	13.9	0.95	1	1	5.348567
Overweight Permit_serv	BOBJ1	63	137.74	After	Interior Girder 6	13.9	0.95	1	1	4.790733
Overweight Permit_serv	BOBJ1	63	137.74	After	Right Exterior Girder	13.9	0.95	1	1	4.163796
Overweight Permit_serv	BOBJ1	64	143.7733	Before	Left Exterior Girder	19.9333	0.95	1	1	4.465958
Overweight Permit_serv	BOBJ1	64	143.7733	Before	Interior Girder 1	19.9333	0.95	1	1	4.106325
Overweight Permit_serv	BOBJ1	64	143.7733	Before	Interior Girder 2	19.9333	0.95	1	1	4.30182
Overweight Permit_serv	BOBJ1	64	143.7733	Before	Interior Girder 3	19.9333	0.95	1	1	4.012956
Overweight Permit_serv	BOBJ1	64	143.7733	Before	Interior Girder 4	19.9333	0.95	1	1	4.012956
Overweight Permit_serv	BOBJ1	64	143.7733	Before	Interior Girder 5	19.9333	0.95	1	1	4.30182
Overweight Permit_serv	BOBJ1	64	143.7733	Before	Interior Girder 6	19.9333	0.95	1	1	4.106325
Overweight Permit_serv	BOBJ1	64	143.7733	Before	Right Exterior Girder	19.9333	0.95	1	1	4.465958
Overweight Permit_serv	BOBJ1	65	143.7733	After	Left Exterior Girder	19.9333	0.95	1	1	4.608373
Overweight Permit_serv	BOBJ1	65	143.7733	After	Interior Girder 1	19.9333	0.95	1	1	4.061972
Overweight Permit_serv	BOBJ1	65	143.7733	After	Interior Girder 2	19.9333	0.95	1	1	4.329117
Overweight Permit_serv	BOBJ1	65	143.7733	After	Interior Girder 3	19.9333	0.95	1	1	4.076142
Overweight Permit_serv	BOBJ1	65	143.7733	After	Interior Girder 4	19.9333	0.95	1	1	4.076142
Overweight Permit_serv	BOBJ1	65	143.7733	After	Interior Girder 5	19.9333	0.95	1	1	4.329117
Overweight Permit_serv	BOBJ1	65	143.7733	After	Interior Girder 6	19.9333	0.95	1	1	4.061972
Overweight Permit_serv	BOBJ1	65	143.7733	After	Right Exterior Girder	19.9333	0.95	1	1	4.608373
Overweight Permit_serv	BOBJ1	66	149.8067	Before	Left Exterior Girder	25.9667	0.95	1	1	3.244568
Overweight Permit_serv	BOBJ1	66	149.8067	Before	Interior Girder 1	25.9667	0.95	1	1	3.181549
Overweight Permit_serv	BOBJ1	66	149.8067	Before	Interior Girder 2	25.9667	0.95	1	1	3.432398
Overweight Permit_serv	BOBJ1	66	149.8067	Before	Interior Girder 3	25.9667	0.95	1	1	3.24955
Overweight Permit_serv	BOBJ1	66	149.8067	Before	Interior Girder 4	25.9667	0.95	1	1	3.24955

TABLE: Bridge Super Rating AASHTORATE18 31 - SteelICompServ-Flx - Approach, Span 12-15										
Request	BridgeObj	BridgeCut	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	Unitless	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Overweight Permit_serv	BOBJ1	66	149.8067	Before	Interior Girder 5	25.9667	0.95	1	1	3.432398
Overweight Permit_serv	BOBJ1	66	149.8067	Before	Interior Girder 6	25.9667	0.95	1	1	3.181549
Overweight Permit_serv	BOBJ1	66	149.8067	Before	Right Exterior Girder	25.9667	0.95	1	1	3.244568
Overweight Permit_serv	BOBJ1	67	149.8067	After	Left Exterior Girder	25.9667	0.95	1	1	3.295768
Overweight Permit_serv	BOBJ1	67	149.8067	After	Interior Girder 1	25.9667	0.95	1	1	3.187223
Overweight Permit_serv	BOBJ1	67	149.8067	After	Interior Girder 2	25.9667	0.95	1	1	3.469731
Overweight Permit_serv	BOBJ1	67	149.8067	After	Interior Girder 3	25.9667	0.95	1	1	3.303305
Overweight Permit_serv	BOBJ1	67	149.8067	After	Interior Girder 4	25.9667	0.95	1	1	3.303305
Overweight Permit_serv	BOBJ1	67	149.8067	After	Interior Girder 5	25.9667	0.95	1	1	3.469731
Overweight Permit_serv	BOBJ1	67	149.8067	After	Interior Girder 6	25.9667	0.95	1	1	3.187223
Overweight Permit_serv	BOBJ1	67	149.8067	After	Right Exterior Girder	25.9667	0.95	1	1	3.295768
Overweight Permit_serv	BOBJ1	68	155.84	Before	Left Exterior Girder	32	0.95	1	1	2.803422
Overweight Permit_serv	BOBJ1	68	155.84	Before	Interior Girder 1	32	0.95	1	1	3.070828
Overweight Permit_serv	BOBJ1	68	155.84	Before	Interior Girder 2	32	0.95	1	1	3.343979
Overweight Permit_serv	BOBJ1	68	155.84	Before	Interior Girder 3	32	0.95	1	1	3.278776
Overweight Permit_serv	BOBJ1	68	155.84	Before	Interior Girder 4	32	0.95	1	1	3.278776
Overweight Permit_serv	BOBJ1	68	155.84	Before	Interior Girder 5	32	0.95	1	1	3.343979
Overweight Permit_serv	BOBJ1	68	155.84	Before	Interior Girder 6	32	0.95	1	1	3.070828
Overweight Permit_serv	BOBJ1	68	155.84	Before	Right Exterior Girder	32	0.95	1	1	2.803422
Overweight Permit_serv	BOBJ1	69	155.84	After	Left Exterior Girder	32	0.95	1	1	2.821067
Overweight Permit_serv	BOBJ1	69	155.84	After	Interior Girder 1	32	0.95	1	1	3.055877
Overweight Permit_serv	BOBJ1	69	155.84	After	Interior Girder 2	32	0.95	1	1	3.342848
Overweight Permit_serv	BOBJ1	69	155.84	After	Interior Girder 3	32	0.95	1	1	3.273361
Overweight Permit_serv	BOBJ1	69	155.84	After	Interior Girder 4	32	0.95	1	1	3.273361
Overweight Permit_serv	BOBJ1	69	155.84	After	Interior Girder 5	32	0.95	1	1	3.342848
Overweight Permit_serv	BOBJ1	69	155.84	After	Interior Girder 6	32	0.95	1	1	3.055877
Overweight Permit_serv	BOBJ1	69	155.84	After	Right Exterior Girder	32	0.95	1	1	2.821067
Overweight Permit_serv	BOBJ1	70	161.8733	Before	Left Exterior Girder	38.0333	0.95	1	1	2.969396
Overweight Permit_serv	BOBJ1	70	161.8733	Before	Interior Girder 1	38.0333	0.95	1	1	2.977441
Overweight Permit_serv	BOBJ1	70	161.8733	Before	Interior Girder 2	38.0333	0.95	1	1	3.240636
Overweight Permit_serv	BOBJ1	70	161.8733	Before	Interior Girder 3	38.0333	0.95	1	1	3.092598
Overweight Permit_serv	BOBJ1	70	161.8733	Before	Interior Girder 4	38.0333	0.95	1	1	3.092598
Overweight Permit_serv	BOBJ1	70	161.8733	Before	Interior Girder 5	38.0333	0.95	1	1	3.240636
Overweight Permit_serv	BOBJ1	70	161.8733	Before	Interior Girder 6	38.0333	0.95	1	1	2.977441
Overweight Permit_serv	BOBJ1	70	161.8733	Before	Right Exterior Girder	38.0333	0.95	1	1	2.969396
Overweight Permit_serv	BOBJ1	71	161.8733	After	Left Exterior Girder	38.0333	0.95	1	1	2.948332
Overweight Permit_serv	BOBJ1	71	161.8733	After	Interior Girder 1	38.0333	0.95	1	1	2.961808
Overweight Permit_serv	BOBJ1	71	161.8733	After	Interior Girder 2	38.0333	0.95	1	1	3.210858
Overweight Permit_serv	BOBJ1	71	161.8733	After	Interior Girder 3	38.0333	0.95	1	1	3.055303
Overweight Permit_serv	BOBJ1	71	161.8733	After	Interior Girder 4	38.0333	0.95	1	1	3.055303
Overweight Permit_serv	BOBJ1	71	161.8733	After	Interior Girder 5	38.0333	0.95	1	1	3.210858
Overweight Permit_serv	BOBJ1	71	161.8733	After	Interior Girder 6	38.0333	0.95	1	1	2.961808
Overweight Permit_serv	BOBJ1	71	161.8733	After	Right Exterior Girder	38.0333	0.95	1	1	2.948332
Overweight Permit_serv	BOBJ1	72	167.9067	Before	Left Exterior Girder	44.0667	0.95	1	1	3.668899
Overweight Permit_serv	BOBJ1	72	167.9067	Before	Interior Girder 1	44.0667	0.95	1	1	3.448907
Overweight Permit_serv	BOBJ1	72	167.9067	Before	Interior Girder 2	44.0667	0.95	1	1	3.70404
Overweight Permit_serv	BOBJ1	72	167.9067	Before	Interior Girder 3	44.0667	0.95	1	1	3.505322
Overweight Permit_serv	BOBJ1	72	167.9067	Before	Interior Girder 4	44.0667	0.95	1	1	3.505322
Overweight Permit_serv	BOBJ1	72	167.9067	Before	Interior Girder 5	44.0667	0.95	1	1	3.70404
Overweight Permit_serv	BOBJ1	72	167.9067	Before	Interior Girder 6	44.0667	0.95	1	1	3.448907
Overweight Permit_serv	BOBJ1	72	167.9067	Before	Right Exterior Girder	44.0667	0.95	1	1	3.668899
Overweight Permit_serv	BOBJ1	73	167.9067	After	Left Exterior Girder	44.0667	0.95	1	1	3.58172
Overweight Permit_serv	BOBJ1	73	167.9067	After	Interior Girder 1	44.0667	0.95	1	1	3.480264
Overweight Permit_serv	BOBJ1	73	167.9067	After	Interior Girder 2	44.0667	0.95	1	1	3.702824
Overweight Permit_serv	BOBJ1	73	167.9067	After	Interior Girder 3	44.0667	0.95	1	1	3.475147
Overweight Permit_serv	BOBJ1	73	167.9067	After	Interior Girder 4	44.0667	0.95	1	1	3.475147
Overweight Permit_serv	BOBJ1	73	167.9067	After	Interior Girder 5	44.0667	0.95	1	1	3.702824
Overweight Permit_serv	BOBJ1	73	167.9067	After	Interior Girder 6	44.0667	0.95	1	1	3.480264
Overweight Permit_serv	BOBJ1	73	167.9067	After	Right Exterior Girder	44.0667	0.95	1	1	3.58172
Overweight Permit_serv	BOBJ1	74	173.94	Before	Left Exterior Girder	50.1	0.95	1	1	5.497359
Overweight Permit_serv	BOBJ1	74	173.94	Before	Interior Girder 1	50.1	0.95	1	1	5.217231
Overweight Permit_serv	BOBJ1	74	173.94	Before	Interior Girder 2	50.1	0.95	1	1	5.378081
Overweight Permit_serv	BOBJ1	74	173.94	Before	Interior Girder 3	50.1	0.95	1	1	5.128867
Overweight Permit_serv	BOBJ1	74	173.94	Before	Interior Girder 4	50.1	0.95	1	1	5.128867
Overweight Permit_serv	BOBJ1	74	173.94	Before	Interior Girder 5	50.1	0.95	1	1	5.378081
Overweight Permit_serv	BOBJ1	74	173.94	Before	Interior Girder 6	50.1	0.95	1	1	5.217231
Overweight Permit_serv	BOBJ1	74	173.94	Before	Right Exterior Girder	50.1	0.95	1	1	5.497359
Overweight Permit_serv	BOBJ1	75	173.94	After	Left Exterior Girder	50.1	0.95	1	1	5.362318
Overweight Permit_serv	BOBJ1	75	173.94	After	Interior Girder 1	50.1	0.95	1	1	5.223876
Overweight Permit_serv	BOBJ1	75	173.94	After	Interior Girder 2	50.1	0.95	1	1	5.302683
Overweight Permit_serv	BOBJ1	75	173.94	After	Interior Girder 3	50.1	0.95	1	1	4.981715
Overweight Permit_serv	BOBJ1	75	173.94	After	Interior Girder 4	50.1	0.95	1	1	4.981715
Overweight Permit_serv	BOBJ1	75	173.94	After	Interior Girder 5	50.1	0.95	1	1	5.302683

TABLE: Bridge Super Rating AASHTORATE18 31 - SteelICompServ-Flx - Approach, Span 12-15										
Request	BridgeObj	BridgeCut	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	Unitless	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Overweight Permit_serv	BOBJ1	75	173.94	After	Interior Girder 6	50.1	0.95	1	1	5.223876
Overweight Permit_serv	BOBJ1	75	173.94	After	Right Exterior Girder	50.1	0.95	1	1	5.362318
Overweight Permit_serv	BOBJ1	76	179.98	Before	Left Exterior Girder	56.14	0.95	1	1	4.067846
Overweight Permit_serv	BOBJ1	76	179.98	Before	Interior Girder 1	56.14	0.95	1	1	4.812913
Overweight Permit_serv	BOBJ1	76	179.98	Before	Interior Girder 2	56.14	0.95	1	1	5.254032
Overweight Permit_serv	BOBJ1	76	179.98	Before	Interior Girder 3	56.14	0.95	1	1	5.068623
Overweight Permit_serv	BOBJ1	76	179.98	Before	Interior Girder 4	56.14	0.95	1	1	5.068623
Overweight Permit_serv	BOBJ1	76	179.98	Before	Interior Girder 5	56.14	0.95	1	1	5.254032
Overweight Permit_serv	BOBJ1	76	179.98	Before	Interior Girder 6	56.14	0.95	1	1	4.812913
Overweight Permit_serv	BOBJ1	76	179.98	Before	Right Exterior Girder	56.14	0.95	1	1	4.067846
Overweight Permit_serv	BOBJ1	77	179.98	After	Left Exterior Girder	56.14	0.95	1	1	4.189274
Overweight Permit_serv	BOBJ1	77	179.98	After	Interior Girder 1	56.14	0.95	1	1	4.805337
Overweight Permit_serv	BOBJ1	77	179.98	After	Interior Girder 2	56.14	0.95	1	1	5.327866
Overweight Permit_serv	BOBJ1	77	179.98	After	Interior Girder 3	56.14	0.95	1	1	5.179027
Overweight Permit_serv	BOBJ1	77	179.98	After	Interior Girder 4	56.14	0.95	1	1	5.179027
Overweight Permit_serv	BOBJ1	77	179.98	After	Interior Girder 5	56.14	0.95	1	1	5.327866
Overweight Permit_serv	BOBJ1	77	179.98	After	Interior Girder 6	56.14	0.95	1	1	4.805337
Overweight Permit_serv	BOBJ1	77	179.98	After	Right Exterior Girder	56.14	0.95	1	1	4.189274
Overweight Permit_serv	BOBJ1	78	183.56	Before	Left Exterior Girder	59.72	0.95	1	1	2.552596
Overweight Permit_serv	BOBJ1	78	183.56	Before	Right Exterior Girder	59.72	0.95	1	1	2.552596
Overweight Permit_serv	BOBJ1	79	183.56	After	Left Exterior Girder	59.72	0.95	1	1	5.880237
Overweight Permit_serv	BOBJ1	79	183.56	After	Right Exterior Girder	59.72	0.95	1	1	5.880237
Overweight Permit_serv	BOBJ1	80	186.02	Before	Left Exterior Girder	62.18	0.95	1	1	4.511854
Overweight Permit_serv	BOBJ1	80	186.02	Before	Interior Girder 1	62.22	0.95	1	1	2.570912
Overweight Permit_serv	BOBJ1	80	186.02	Before	Interior Girder 2	62.22	0.95	1	1	2.969234
Overweight Permit_serv	BOBJ1	80	186.02	Before	Interior Girder 3	62.22	0.95	1	1	2.726313
Overweight Permit_serv	BOBJ1	80	186.02	Before	Interior Girder 4	62.22	0.95	1	1	2.726313
Overweight Permit_serv	BOBJ1	80	186.02	Before	Interior Girder 5	62.22	0.95	1	1	2.969234
Overweight Permit_serv	BOBJ1	80	186.02	Before	Interior Girder 6	62.22	0.95	1	1	2.570912
Overweight Permit_serv	BOBJ1	80	186.02	Before	Right Exterior Girder	62.18	0.95	1	1	4.511854
Overweight Permit_serv	BOBJ1	81	186.02	After	Left Exterior Girder	62.18	0.95	1	1	4.567785
Overweight Permit_serv	BOBJ1	81	186.02	After	Interior Girder 1	62.22	0.95	1	1	4.051164
Overweight Permit_serv	BOBJ1	81	186.02	After	Interior Girder 2	62.22	0.95	1	1	4.661902
Overweight Permit_serv	BOBJ1	81	186.02	After	Interior Girder 3	62.22	0.95	1	1	4.340968
Overweight Permit_serv	BOBJ1	81	186.02	After	Interior Girder 4	62.22	0.95	1	1	4.340968
Overweight Permit_serv	BOBJ1	81	186.02	After	Interior Girder 5	62.22	0.95	1	1	4.661902
Overweight Permit_serv	BOBJ1	81	186.02	After	Interior Girder 6	62.22	0.95	1	1	4.051164
Overweight Permit_serv	BOBJ1	81	186.02	After	Right Exterior Girder	62.18	0.95	1	1	4.567785
Overweight Permit_serv	BOBJ1	82	192.06	Before	Left Exterior Girder	68.22	0.95	1	1	2.484303
Overweight Permit_serv	BOBJ1	82	192.06	Before	Interior Girder 1	68.22	0.95	1	1	2.309466
Overweight Permit_serv	BOBJ1	82	192.06	Before	Interior Girder 2	68.22	0.95	1	1	2.591462
Overweight Permit_serv	BOBJ1	82	192.06	Before	Interior Girder 3	68.22	0.95	1	1	2.252507
Overweight Permit_serv	BOBJ1	82	192.06	Before	Interior Girder 4	68.22	0.95	1	1	2.252507
Overweight Permit_serv	BOBJ1	82	192.06	Before	Interior Girder 5	68.22	0.95	1	1	2.591462
Overweight Permit_serv	BOBJ1	82	192.06	Before	Interior Girder 6	68.22	0.95	1	1	2.309466
Overweight Permit_serv	BOBJ1	82	192.06	Before	Right Exterior Girder	68.22	0.95	1	1	2.484303
Overweight Permit_serv	BOBJ1	83	192.06	After	Left Exterior Girder	0	0.95	1	1	2.503198
Overweight Permit_serv	BOBJ1	83	192.06	After	Interior Girder 1	0	0.95	1	1	2.322213
Overweight Permit_serv	BOBJ1	83	192.06	After	Interior Girder 2	0	0.95	1	1	2.658926
Overweight Permit_serv	BOBJ1	83	192.06	After	Interior Girder 3	0	0.95	1	1	2.335031
Overweight Permit_serv	BOBJ1	83	192.06	After	Interior Girder 4	0	0.95	1	1	2.335031
Overweight Permit_serv	BOBJ1	83	192.06	After	Interior Girder 5	0	0.95	1	1	2.658926
Overweight Permit_serv	BOBJ1	83	192.06	After	Interior Girder 6	0	0.95	1	1	2.322213
Overweight Permit_serv	BOBJ1	83	192.06	After	Right Exterior Girder	0	0.95	1	1	2.503198
Overweight Permit_serv	BOBJ1	84	197.087	Before	Interior Girder 1	5.027	0.95	1	1	3.633734
Overweight Permit_serv	BOBJ1	84	197.087	Before	Interior Girder 2	5.027	0.95	1	1	4.055079
Overweight Permit_serv	BOBJ1	84	197.087	Before	Interior Girder 3	5.027	0.95	1	1	3.889291
Overweight Permit_serv	BOBJ1	84	197.087	Before	Interior Girder 4	5.027	0.95	1	1	3.889291
Overweight Permit_serv	BOBJ1	84	197.087	Before	Interior Girder 5	5.027	0.95	1	1	4.055079
Overweight Permit_serv	BOBJ1	84	197.087	Before	Interior Girder 6	5.027	0.95	1	1	3.633734
Overweight Permit_serv	BOBJ1	85	197.087	After	Interior Girder 1	5.027	0.95	1	1	2.286357
Overweight Permit_serv	BOBJ1	85	197.087	After	Interior Girder 2	5.027	0.95	1	1	2.558957
Overweight Permit_serv	BOBJ1	85	197.087	After	Interior Girder 3	5.027	0.95	1	1	2.435573
Overweight Permit_serv	BOBJ1	85	197.087	After	Interior Girder 4	5.027	0.95	1	1	2.435573
Overweight Permit_serv	BOBJ1	85	197.087	After	Interior Girder 5	5.027	0.95	1	1	2.558957
Overweight Permit_serv	BOBJ1	85	197.087	After	Interior Girder 6	5.027	0.95	1	1	2.286357
Overweight Permit_serv	BOBJ1	86	197.91	Before	Left Exterior Girder	5.85	0.95	1	1	4.448229
Overweight Permit_serv	BOBJ1	86	197.91	Before	Interior Girder 1	5.85	0.95	1	1	2.497334
Overweight Permit_serv	BOBJ1	86	197.91	Before	Interior Girder 2	5.85	0.95	1	1	2.767304
Overweight Permit_serv	BOBJ1	86	197.91	Before	Interior Girder 3	5.85	0.95	1	1	2.676648
Overweight Permit_serv	BOBJ1	86	197.91	Before	Interior Girder 4	5.85	0.95	1	1	2.676648
Overweight Permit_serv	BOBJ1	86	197.91	Before	Interior Girder 5	5.85	0.95	1	1	2.767304
Overweight Permit_serv	BOBJ1	86	197.91	Before	Interior Girder 6	5.85	0.95	1	1	2.497334

TABLE: Bridge Super Rating AASHTORATE18 31 - SteelICompServ-Flx - Approach, Span 12-15										
Request	BridgeObj	BridgeCut	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	Unitless	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Overweight Permit_serv	BOBJ1	86	197.91	Before	Right Exterior Girder	5.85	0.95	1	1	4.448229
Overweight Permit_serv	BOBJ1	87	197.91	After	Left Exterior Girder	5.85	0.95	1	1	4.451079
Overweight Permit_serv	BOBJ1	87	197.91	After	Interior Girder 1	5.85	0.95	1	1	2.488294
Overweight Permit_serv	BOBJ1	87	197.91	After	Interior Girder 2	5.85	0.95	1	1	2.754148
Overweight Permit_serv	BOBJ1	87	197.91	After	Interior Girder 3	5.85	0.95	1	1	2.642657
Overweight Permit_serv	BOBJ1	87	197.91	After	Interior Girder 4	5.85	0.95	1	1	2.642657
Overweight Permit_serv	BOBJ1	87	197.91	After	Interior Girder 5	5.85	0.95	1	1	2.754148
Overweight Permit_serv	BOBJ1	87	197.91	After	Interior Girder 6	5.85	0.95	1	1	2.488294
Overweight Permit_serv	BOBJ1	87	197.91	After	Right Exterior Girder	5.85	0.95	1	1	4.451079
Overweight Permit_serv	BOBJ1	88	199.1816	Before	Left Exterior Girder	7.1216	0.95	1	1	5.071482
Overweight Permit_serv	BOBJ1	88	199.1816	Before	Right Exterior Girder	7.1216	0.95	1	1	5.071482
Overweight Permit_serv	BOBJ1	89	199.1816	After	Left Exterior Girder	7.1216	0.95	1	1	2.161677
Overweight Permit_serv	BOBJ1	89	199.1816	After	Right Exterior Girder	7.1216	0.95	1	1	2.161677
Overweight Permit_serv	BOBJ1	90	203.5267	Before	Left Exterior Girder	11.3107	0.95	1	1	3.278194
Overweight Permit_serv	BOBJ1	90	203.5267	Before	Interior Girder 1	11.3107	0.95	1	1	3.928342
Overweight Permit_serv	BOBJ1	90	203.5267	Before	Interior Girder 2	11.3107	0.95	1	1	4.407208
Overweight Permit_serv	BOBJ1	90	203.5267	Before	Interior Girder 3	11.3107	0.95	1	1	4.542471
Overweight Permit_serv	BOBJ1	90	203.5267	Before	Interior Girder 4	11.3107	0.95	1	1	4.542471
Overweight Permit_serv	BOBJ1	90	203.5267	Before	Interior Girder 5	11.3107	0.95	1	1	4.407208
Overweight Permit_serv	BOBJ1	90	203.5267	Before	Interior Girder 6	11.3107	0.95	1	1	3.928342
Overweight Permit_serv	BOBJ1	90	203.5267	Before	Right Exterior Girder	11.3107	0.95	1	1	3.278194
Overweight Permit_serv	BOBJ1	91	203.5267	After	Left Exterior Girder	11.3107	0.95	1	1	5.248845
Overweight Permit_serv	BOBJ1	91	203.5267	After	Interior Girder 1	11.3107	0.95	1	1	6.200538
Overweight Permit_serv	BOBJ1	91	203.5267	After	Interior Girder 2	11.3107	0.95	1	1	6.98881
Overweight Permit_serv	BOBJ1	91	203.5267	After	Interior Girder 3	11.3107	0.95	1	1	7.157358
Overweight Permit_serv	BOBJ1	91	203.5267	After	Interior Girder 4	11.3107	0.95	1	1	7.157358
Overweight Permit_serv	BOBJ1	91	203.5267	After	Interior Girder 5	11.3107	0.95	1	1	6.98881
Overweight Permit_serv	BOBJ1	91	203.5267	After	Interior Girder 6	11.3107	0.95	1	1	6.200538
Overweight Permit_serv	BOBJ1	91	203.5267	After	Right Exterior Girder	11.3107	0.95	1	1	5.248845
Overweight Permit_serv	BOBJ1	92	209.1433	Before	Left Exterior Girder	17.0833	0.95	1	1	5.989759
Overweight Permit_serv	BOBJ1	92	209.1433	Before	Interior Girder 1	17.0833	0.95	1	1	5.923688
Overweight Permit_serv	BOBJ1	92	209.1433	Before	Interior Girder 2	17.0833	0.95	1	1	6.152386
Overweight Permit_serv	BOBJ1	92	209.1433	Before	Interior Girder 3	17.0833	0.95	1	1	5.790781
Overweight Permit_serv	BOBJ1	92	209.1433	Before	Interior Girder 4	17.0833	0.95	1	1	5.790781
Overweight Permit_serv	BOBJ1	92	209.1433	Before	Interior Girder 5	17.0833	0.95	1	1	6.152386
Overweight Permit_serv	BOBJ1	92	209.1433	Before	Interior Girder 6	17.0833	0.95	1	1	5.923688
Overweight Permit_serv	BOBJ1	92	209.1433	Before	Right Exterior Girder	17.0833	0.95	1	1	5.989759
Overweight Permit_serv	BOBJ1	93	209.1433	After	Left Exterior Girder	17.0833	0.95	1	1	6.064684
Overweight Permit_serv	BOBJ1	93	209.1433	After	Interior Girder 1	17.0833	0.95	1	1	5.966364
Overweight Permit_serv	BOBJ1	93	209.1433	After	Interior Girder 2	17.0833	0.95	1	1	6.317851
Overweight Permit_serv	BOBJ1	93	209.1433	After	Interior Girder 3	17.0833	0.95	1	1	5.96608
Overweight Permit_serv	BOBJ1	93	209.1433	After	Interior Girder 4	17.0833	0.95	1	1	5.96608
Overweight Permit_serv	BOBJ1	93	209.1433	After	Interior Girder 5	17.0833	0.95	1	1	6.317851
Overweight Permit_serv	BOBJ1	93	209.1433	After	Interior Girder 6	17.0833	0.95	1	1	5.966364
Overweight Permit_serv	BOBJ1	93	209.1433	After	Right Exterior Girder	17.0833	0.95	1	1	6.064684
Overweight Permit_serv	BOBJ1	94	214.76	Before	Left Exterior Girder	22.7	0.95	1	1	4.466536
Overweight Permit_serv	BOBJ1	94	214.76	Before	Interior Girder 1	22.7	0.95	1	1	4.699601
Overweight Permit_serv	BOBJ1	94	214.76	Before	Interior Girder 2	22.7	0.95	1	1	4.999001
Overweight Permit_serv	BOBJ1	94	214.76	Before	Interior Girder 3	22.7	0.95	1	1	4.80391
Overweight Permit_serv	BOBJ1	94	214.76	Before	Interior Girder 4	22.7	0.95	1	1	4.80391
Overweight Permit_serv	BOBJ1	94	214.76	Before	Interior Girder 5	22.7	0.95	1	1	4.999001
Overweight Permit_serv	BOBJ1	94	214.76	Before	Interior Girder 6	22.7	0.95	1	1	4.699601
Overweight Permit_serv	BOBJ1	94	214.76	Before	Right Exterior Girder	22.7	0.95	1	1	4.466536
Overweight Permit_serv	BOBJ1	95	214.76	After	Left Exterior Girder	22.7	0.95	1	1	4.505069
Overweight Permit_serv	BOBJ1	95	214.76	After	Interior Girder 1	22.7	0.95	1	1	4.686246
Overweight Permit_serv	BOBJ1	95	214.76	After	Interior Girder 2	22.7	0.95	1	1	5.028072
Overweight Permit_serv	BOBJ1	95	214.76	After	Interior Girder 3	22.7	0.95	1	1	4.845935
Overweight Permit_serv	BOBJ1	95	214.76	After	Interior Girder 4	22.7	0.95	1	1	4.845935
Overweight Permit_serv	BOBJ1	95	214.76	After	Interior Girder 5	22.7	0.95	1	1	5.028072
Overweight Permit_serv	BOBJ1	95	214.76	After	Interior Girder 6	22.7	0.95	1	1	4.686246
Overweight Permit_serv	BOBJ1	95	214.76	After	Right Exterior Girder	22.7	0.95	1	1	4.505069
Overweight Permit_serv	BOBJ1	96	220.3767	Before	Left Exterior Girder	28.3167	0.95	1	1	4.030319
Overweight Permit_serv	BOBJ1	96	220.3767	Before	Interior Girder 1	28.3167	0.95	1	1	3.985174
Overweight Permit_serv	BOBJ1	96	220.3767	Before	Interior Girder 2	28.3167	0.95	1	1	4.297729
Overweight Permit_serv	BOBJ1	96	220.3767	Before	Interior Girder 3	28.3167	0.95	1	1	4.071266
Overweight Permit_serv	BOBJ1	96	220.3767	Before	Interior Girder 4	28.3167	0.95	1	1	4.071266
Overweight Permit_serv	BOBJ1	96	220.3767	Before	Interior Girder 5	28.3167	0.95	1	1	4.297729
Overweight Permit_serv	BOBJ1	96	220.3767	Before	Interior Girder 6	28.3167	0.95	1	1	3.985174
Overweight Permit_serv	BOBJ1	96	220.3767	Before	Right Exterior Girder	28.3167	0.95	1	1	4.030319
Overweight Permit_serv	BOBJ1	97	220.3767	After	Left Exterior Girder	28.3167	0.95	1	1	4.047616
Overweight Permit_serv	BOBJ1	97	220.3767	After	Interior Girder 1	28.3167	0.95	1	1	3.97219
Overweight Permit_serv	BOBJ1	97	220.3767	After	Interior Girder 2	28.3167	0.95	1	1	4.294393
Overweight Permit_serv	BOBJ1	97	220.3767	After	Interior Girder 3	28.3167	0.95	1	1	4.082316

TABLE: Bridge Super Rating AASHTORATE18 31 - SteelICompServ-Flx - Approach, Span 12-15										
Request	BridgeObj	BridgeCut	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	Unitless	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Overweight Permit_serv	BOBJ1	97	220.3767	After	Interior Girder 4	28.3167	0.95	1	1	4.082316
Overweight Permit_serv	BOBJ1	97	220.3767	After	Interior Girder 5	28.3167	0.95	1	1	4.294393
Overweight Permit_serv	BOBJ1	97	220.3767	After	Interior Girder 6	28.3167	0.95	1	1	3.97219
Overweight Permit_serv	BOBJ1	97	220.3767	After	Right Exterior Girder	28.3167	0.95	1	1	4.047616
Overweight Permit_serv	BOBJ1	98	225.9933	Before	Left Exterior Girder	33.9333	0.95	1	1	3.901843
Overweight Permit_serv	BOBJ1	98	225.9933	Before	Interior Girder 1	33.9333	0.95	1	1	3.809172
Overweight Permit_serv	BOBJ1	98	225.9933	Before	Interior Girder 2	33.9333	0.95	1	1	4.112035
Overweight Permit_serv	BOBJ1	98	225.9933	Before	Interior Girder 3	33.9333	0.95	1	1	3.89254
Overweight Permit_serv	BOBJ1	98	225.9933	Before	Interior Girder 4	33.9333	0.95	1	1	3.89254
Overweight Permit_serv	BOBJ1	98	225.9933	Before	Interior Girder 5	33.9333	0.95	1	1	4.112035
Overweight Permit_serv	BOBJ1	98	225.9933	Before	Interior Girder 6	33.9333	0.95	1	1	3.809172
Overweight Permit_serv	BOBJ1	98	225.9933	Before	Right Exterior Girder	33.9333	0.95	1	1	3.901843
Overweight Permit_serv	BOBJ1	99	225.9933	After	Left Exterior Girder	33.9333	0.95	1	1	3.868112
Overweight Permit_serv	BOBJ1	99	225.9933	After	Interior Girder 1	33.9333	0.95	1	1	3.825028
Overweight Permit_serv	BOBJ1	99	225.9933	After	Interior Girder 2	33.9333	0.95	1	1	4.112727
Overweight Permit_serv	BOBJ1	99	225.9933	After	Interior Girder 3	33.9333	0.95	1	1	3.891158
Overweight Permit_serv	BOBJ1	99	225.9933	After	Interior Girder 4	33.9333	0.95	1	1	3.891158
Overweight Permit_serv	BOBJ1	99	225.9933	After	Interior Girder 5	33.9333	0.95	1	1	4.112727
Overweight Permit_serv	BOBJ1	99	225.9933	After	Interior Girder 6	33.9333	0.95	1	1	3.825028
Overweight Permit_serv	BOBJ1	99	225.9933	After	Right Exterior Girder	33.9333	0.95	1	1	3.868112
Overweight Permit_serv	BOBJ1	100	231.61	Before	Left Exterior Girder	39.55	0.95	1	1	4.167333
Overweight Permit_serv	BOBJ1	100	231.61	Before	Interior Girder 1	39.55	0.95	1	1	4.262617
Overweight Permit_serv	BOBJ1	100	231.61	Before	Interior Girder 2	39.55	0.95	1	1	4.579721
Overweight Permit_serv	BOBJ1	100	231.61	Before	Interior Girder 3	39.55	0.95	1	1	4.354656
Overweight Permit_serv	BOBJ1	100	231.61	Before	Interior Girder 4	39.55	0.95	1	1	4.354656
Overweight Permit_serv	BOBJ1	100	231.61	Before	Interior Girder 5	39.55	0.95	1	1	4.579721
Overweight Permit_serv	BOBJ1	100	231.61	Before	Interior Girder 6	39.55	0.95	1	1	4.262617
Overweight Permit_serv	BOBJ1	100	231.61	Before	Right Exterior Girder	39.55	0.95	1	1	4.167333
Overweight Permit_serv	BOBJ1	101	231.61	After	Left Exterior Girder	39.55	0.95	1	1	4.101763
Overweight Permit_serv	BOBJ1	101	231.61	After	Interior Girder 1	39.55	0.95	1	1	4.265625
Overweight Permit_serv	BOBJ1	101	231.61	After	Interior Girder 2	39.55	0.95	1	1	4.530808
Overweight Permit_serv	BOBJ1	101	231.61	After	Interior Girder 3	39.55	0.95	1	1	4.28162
Overweight Permit_serv	BOBJ1	101	231.61	After	Interior Girder 4	39.55	0.95	1	1	4.28162
Overweight Permit_serv	BOBJ1	101	231.61	After	Interior Girder 5	39.55	0.95	1	1	4.530808
Overweight Permit_serv	BOBJ1	101	231.61	After	Interior Girder 6	39.55	0.95	1	1	4.265625
Overweight Permit_serv	BOBJ1	101	231.61	After	Right Exterior Girder	39.55	0.95	1	1	4.101763
Overweight Permit_serv	BOBJ1	102	237.37	Before	Left Exterior Girder	45.31	0.95	1	1	5.383742
Overweight Permit_serv	BOBJ1	102	237.37	Before	Interior Girder 1	45.31	0.95	1	1	5.004699
Overweight Permit_serv	BOBJ1	102	237.37	Before	Interior Girder 2	45.31	0.95	1	1	5.302416
Overweight Permit_serv	BOBJ1	102	237.37	Before	Interior Girder 3	45.31	0.95	1	1	4.902978
Overweight Permit_serv	BOBJ1	102	237.37	Before	Interior Girder 4	45.31	0.95	1	1	4.902978
Overweight Permit_serv	BOBJ1	102	237.37	Before	Interior Girder 5	45.31	0.95	1	1	5.302416
Overweight Permit_serv	BOBJ1	102	237.37	Before	Interior Girder 6	45.31	0.95	1	1	5.004699
Overweight Permit_serv	BOBJ1	102	237.37	Before	Right Exterior Girder	45.31	0.95	1	1	5.383742
Overweight Permit_serv	BOBJ1	103	237.37	After	Left Exterior Girder	45.31	0.95	1	1	5.298266
Overweight Permit_serv	BOBJ1	103	237.37	After	Interior Girder 1	45.31	0.95	1	1	4.984146
Overweight Permit_serv	BOBJ1	103	237.37	After	Interior Girder 2	45.31	0.95	1	1	5.135477
Overweight Permit_serv	BOBJ1	103	237.37	After	Interior Girder 3	45.31	0.95	1	1	4.71739
Overweight Permit_serv	BOBJ1	103	237.37	After	Interior Girder 4	45.31	0.95	1	1	4.71739
Overweight Permit_serv	BOBJ1	103	237.37	After	Interior Girder 5	45.31	0.95	1	1	5.135477
Overweight Permit_serv	BOBJ1	103	237.37	After	Interior Girder 6	45.31	0.95	1	1	4.984146
Overweight Permit_serv	BOBJ1	103	237.37	After	Right Exterior Girder	45.31	0.95	1	1	5.298266
Overweight Permit_serv	BOBJ1	104	243.13	Before	Left Exterior Girder	51.07	0.95	1	1	9.396611
Overweight Permit_serv	BOBJ1	104	243.13	Before	Interior Girder 1	51.07	0.95	1	1	8.40261
Overweight Permit_serv	BOBJ1	104	243.13	Before	Interior Girder 2	51.07	0.95	1	1	8.578748
Overweight Permit_serv	BOBJ1	104	243.13	Before	Interior Girder 3	51.07	0.95	1	1	7.762608
Overweight Permit_serv	BOBJ1	104	243.13	Before	Interior Girder 4	51.07	0.95	1	1	7.762608
Overweight Permit_serv	BOBJ1	104	243.13	Before	Interior Girder 5	51.07	0.95	1	1	8.578748
Overweight Permit_serv	BOBJ1	104	243.13	Before	Interior Girder 6	51.07	0.95	1	1	8.40261
Overweight Permit_serv	BOBJ1	104	243.13	Before	Right Exterior Girder	51.07	0.95	1	1	9.396611
Overweight Permit_serv	BOBJ1	105	243.13	After	Left Exterior Girder	51.07	0.95	1	1	9.268184
Overweight Permit_serv	BOBJ1	105	243.13	After	Interior Girder 1	51.07	0.95	1	1	8.307774
Overweight Permit_serv	BOBJ1	105	243.13	After	Interior Girder 2	51.07	0.95	1	1	8.191826
Overweight Permit_serv	BOBJ1	105	243.13	After	Interior Girder 3	51.07	0.95	1	1	7.333397
Overweight Permit_serv	BOBJ1	105	243.13	After	Interior Girder 4	51.07	0.95	1	1	7.333397
Overweight Permit_serv	BOBJ1	105	243.13	After	Interior Girder 5	51.07	0.95	1	1	8.191826
Overweight Permit_serv	BOBJ1	105	243.13	After	Interior Girder 6	51.07	0.95	1	1	8.307774
Overweight Permit_serv	BOBJ1	105	243.13	After	Right Exterior Girder	51.07	0.95	1	1	9.268184
Overweight Permit_serv	BOBJ1	106	248.89	Before	Left Exterior Girder	56.83	0.95	1	1	485.531211
Overweight Permit_serv	BOBJ1	106	248.89	Before	Interior Girder 1	56.83	0.95	1	1	361.923432
Overweight Permit_serv	BOBJ1	106	248.89	Before	Interior Girder 2	56.83	0.95	1	1	269.909415
Overweight Permit_serv	BOBJ1	106	248.89	Before	Interior Girder 3	56.83	0.95	1	1	222.965186
Overweight Permit_serv	BOBJ1	106	248.89	Before	Interior Girder 4	56.83	0.95	1	1	222.965186

TABLE: Bridge Super Rating AASHTORATE18 31 - SteelICompServ-Flx - Approach, Span 12-15										
Request	BridgeObj	BridgeCut	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	Unitless	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Overweight Permit_serv	BOBJ1	106	248.89	Before	Interior Girder 5	56.83	0.95	1	1	269.909415
Overweight Permit_serv	BOBJ1	106	248.89	Before	Interior Girder 6	56.83	0.95	1	1	361.923431
Overweight Permit_serv	BOBJ1	106	248.89	Before	Right Exterior Girder	56.83	0.95	1	1	485.531211

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelINonCompStrgth-Flx - Approach, Span 16-19									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
HL93_str_opr	BOBJ1	0	After	Left Exterior Girder	0	0.95	1	1	379.906022
HL93_str_opr	BOBJ1	0	After	Interior Girder 1	0	0.95	1	1	387.253631
HL93_str_opr	BOBJ1	0	After	Interior Girder 2	0	0.95	1	1	232.812472
HL93_str_opr	BOBJ1	0	After	Interior Girder 3	0	0.95	1	1	188.214239
HL93_str_opr	BOBJ1	0	After	Interior Girder 4	0	0.95	1	1	188.21424
HL93_str_opr	BOBJ1	0	After	Interior Girder 5	0	0.95	1	1	232.812475
HL93_str_opr	BOBJ1	0	After	Interior Girder 6	0	0.95	1	1	387.253631
HL93_str_opr	BOBJ1	0	After	Right Exterior Girder	0	0.95	1	1	379.906022
HL93_str_opr	BOBJ1	5.3833	Before	Left Exterior Girder	5.3833	0.95	1	1	5.256951
HL93_str_opr	BOBJ1	5.3833	Before	Interior Girder 1	5.3833	0.95	1	1	3.318685
HL93_str_opr	BOBJ1	5.3833	Before	Interior Girder 2	5.3833	0.95	1	1	3.15234
HL93_str_opr	BOBJ1	5.3833	Before	Interior Girder 3	5.3833	0.95	1	1	2.765458
HL93_str_opr	BOBJ1	5.3833	Before	Interior Girder 4	5.3833	0.95	1	1	2.765458
HL93_str_opr	BOBJ1	5.3833	Before	Interior Girder 5	5.3833	0.95	1	1	3.15234
HL93_str_opr	BOBJ1	5.3833	Before	Interior Girder 6	5.3833	0.95	1	1	3.318685
HL93_str_opr	BOBJ1	5.3833	Before	Right Exterior Girder	5.3833	0.95	1	1	5.256951
HL93_str_opr	BOBJ1	5.3833	After	Left Exterior Girder	5.3833	0.95	1	1	5.323197
HL93_str_opr	BOBJ1	5.3833	After	Interior Girder 1	5.3833	0.95	1	1	3.323008
HL93_str_opr	BOBJ1	5.3833	After	Interior Girder 2	5.3833	0.95	1	1	3.200141
HL93_str_opr	BOBJ1	5.3833	After	Interior Girder 3	5.3833	0.95	1	1	2.85905
HL93_str_opr	BOBJ1	5.3833	After	Interior Girder 4	5.3833	0.95	1	1	2.85905
HL93_str_opr	BOBJ1	5.3833	After	Interior Girder 5	5.3833	0.95	1	1	3.200141
HL93_str_opr	BOBJ1	5.3833	After	Interior Girder 6	5.3833	0.95	1	1	3.323008
HL93_str_opr	BOBJ1	5.3833	After	Right Exterior Girder	5.3833	0.95	1	1	5.323197
HL93_str_opr	BOBJ1	10.7667	Before	Left Exterior Girder	10.7667	0.95	1	1	2.864668
HL93_str_opr	BOBJ1	10.7667	Before	Interior Girder 1	10.7667	0.95	1	1	2.10741
HL93_str_opr	BOBJ1	10.7667	Before	Interior Girder 2	10.7667	0.95	1	1	1.984237
HL93_str_opr	BOBJ1	10.7667	Before	Interior Girder 3	10.7667	0.95	1	1	1.882572
HL93_str_opr	BOBJ1	10.7667	Before	Interior Girder 4	10.7667	0.95	1	1	1.882572
HL93_str_opr	BOBJ1	10.7667	Before	Interior Girder 5	10.7667	0.95	1	1	1.984237
HL93_str_opr	BOBJ1	10.7667	Before	Interior Girder 6	10.7667	0.95	1	1	2.10741
HL93_str_opr	BOBJ1	10.7667	Before	Right Exterior Girder	10.7667	0.95	1	1	2.864668
HL93_str_opr	BOBJ1	10.7667	After	Left Exterior Girder	10.7667	0.95	1	1	2.846799
HL93_str_opr	BOBJ1	10.7667	After	Interior Girder 1	10.7667	0.95	1	1	2.113391
HL93_str_opr	BOBJ1	10.7667	After	Interior Girder 2	10.7667	0.95	1	1	2.013578
HL93_str_opr	BOBJ1	10.7667	After	Interior Girder 3	10.7667	0.95	1	1	1.918011
HL93_str_opr	BOBJ1	10.7667	After	Interior Girder 4	10.7667	0.95	1	1	1.918011
HL93_str_opr	BOBJ1	10.7667	After	Interior Girder 5	10.7667	0.95	1	1	2.013578
HL93_str_opr	BOBJ1	10.7667	After	Interior Girder 6	10.7667	0.95	1	1	2.113391
HL93_str_opr	BOBJ1	10.7667	After	Right Exterior Girder	10.7667	0.95	1	1	2.846799
HL93_str_opr	BOBJ1	16.15	Before	Left Exterior Girder	16.15	0.95	1	1	2.199276
HL93_str_opr	BOBJ1	16.15	Before	Interior Girder 1	16.15	0.95	1	1	1.917427
HL93_str_opr	BOBJ1	16.15	Before	Interior Girder 2	16.15	0.95	1	1	1.795368
HL93_str_opr	BOBJ1	16.15	Before	Interior Girder 3	16.15	0.95	1	1	1.733691
HL93_str_opr	BOBJ1	16.15	Before	Interior Girder 4	16.15	0.95	1	1	1.733691
HL93_str_opr	BOBJ1	16.15	Before	Interior Girder 5	16.15	0.95	1	1	1.795368
HL93_str_opr	BOBJ1	16.15	Before	Interior Girder 6	16.15	0.95	1	1	1.917427
HL93_str_opr	BOBJ1	16.15	Before	Right Exterior Girder	16.15	0.95	1	1	2.199276
HL93_str_opr	BOBJ1	16.15	After	Left Exterior Girder	16.15	0.95	1	1	2.205517
HL93_str_opr	BOBJ1	16.15	After	Interior Girder 1	16.15	0.95	1	1	1.912533
HL93_str_opr	BOBJ1	16.15	After	Interior Girder 2	16.15	0.95	1	1	1.799085
HL93_str_opr	BOBJ1	16.15	After	Interior Girder 3	16.15	0.95	1	1	1.740316
HL93_str_opr	BOBJ1	16.15	After	Interior Girder 4	16.15	0.95	1	1	1.740316
HL93_str_opr	BOBJ1	16.15	After	Interior Girder 5	16.15	0.95	1	1	1.799085
HL93_str_opr	BOBJ1	16.15	After	Interior Girder 6	16.15	0.95	1	1	1.912533
HL93_str_opr	BOBJ1	16.15	After	Right Exterior Girder	16.15	0.95	1	1	2.205517
HL93_str_opr	BOBJ1	22.1267	Before	Left Exterior Girder	22.1267	0.95	1	1	2.422076
HL93_str_opr	BOBJ1	22.1267	Before	Interior Girder 1	22.1267	0.95	1	1	1.856292
HL93_str_opr	BOBJ1	22.1267	Before	Interior Girder 2	22.1267	0.95	1	1	1.763456
HL93_str_opr	BOBJ1	22.1267	Before	Interior Girder 3	22.1267	0.95	1	1	1.684471
HL93_str_opr	BOBJ1	22.1267	Before	Interior Girder 4	22.1267	0.95	1	1	1.684471
HL93_str_opr	BOBJ1	22.1267	Before	Interior Girder 5	22.1267	0.95	1	1	1.763456
HL93_str_opr	BOBJ1	22.1267	Before	Interior Girder 6	22.1267	0.95	1	1	1.856292
HL93_str_opr	BOBJ1	22.1267	Before	Right Exterior Girder	22.1267	0.95	1	1	2.422076
HL93_str_opr	BOBJ1	22.1267	After	Left Exterior Girder	22.1267	0.95	1	1	2.441121

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelINonCompStrgth-Flx - Approach, Span 16-19									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
HL93_str_opr	BOBJ1	22.1267	After	Interior Girder 1	22.1267	0.95	1	1	1.851352
HL93_str_opr	BOBJ1	22.1267	After	Interior Girder 2	22.1267	0.95	1	1	1.75568
HL93_str_opr	BOBJ1	22.1267	After	Interior Girder 3	22.1267	0.95	1	1	1.673456
HL93_str_opr	BOBJ1	22.1267	After	Interior Girder 4	22.1267	0.95	1	1	1.673456
HL93_str_opr	BOBJ1	22.1267	After	Interior Girder 5	22.1267	0.95	1	1	1.75568
HL93_str_opr	BOBJ1	22.1267	After	Interior Girder 6	22.1267	0.95	1	1	1.851352
HL93_str_opr	BOBJ1	22.1267	After	Right Exterior Girder	22.1267	0.95	1	1	2.441121
HL93_str_opr	BOBJ1	28.1033	Before	Left Exterior Girder	28.1033	0.95	1	1	3.044089
HL93_str_opr	BOBJ1	28.1033	Before	Interior Girder 1	28.1033	0.95	1	1	2.193397
HL93_str_opr	BOBJ1	28.1033	Before	Interior Girder 2	28.1033	0.95	1	1	2.086681
HL93_str_opr	BOBJ1	28.1033	Before	Interior Girder 3	28.1033	0.95	1	1	2.005151
HL93_str_opr	BOBJ1	28.1033	Before	Interior Girder 4	28.1033	0.95	1	1	2.005151
HL93_str_opr	BOBJ1	28.1033	Before	Interior Girder 5	28.1033	0.95	1	1	2.086681
HL93_str_opr	BOBJ1	28.1033	Before	Interior Girder 6	28.1033	0.95	1	1	2.193397
HL93_str_opr	BOBJ1	28.1033	Before	Right Exterior Girder	28.1033	0.95	1	1	3.044089
HL93_str_opr	BOBJ1	28.1033	After	Left Exterior Girder	28.1033	0.95	1	1	3.000966
HL93_str_opr	BOBJ1	28.1033	After	Interior Girder 1	28.1033	0.95	1	1	2.211971
HL93_str_opr	BOBJ1	28.1033	After	Interior Girder 2	28.1033	0.95	1	1	2.086837
HL93_str_opr	BOBJ1	28.1033	After	Interior Girder 3	28.1033	0.95	1	1	1.986003
HL93_str_opr	BOBJ1	28.1033	After	Interior Girder 4	28.1033	0.95	1	1	1.986003
HL93_str_opr	BOBJ1	28.1033	After	Interior Girder 5	28.1033	0.95	1	1	2.086837
HL93_str_opr	BOBJ1	28.1033	After	Interior Girder 6	28.1033	0.95	1	1	2.211971
HL93_str_opr	BOBJ1	28.1033	After	Right Exterior Girder	28.1033	0.95	1	1	3.000966
HL93_str_opr	BOBJ1	34.08	Before	Left Exterior Girder	34.08	0.95	1	1	3.19731
HL93_str_opr	BOBJ1	34.08	Before	Interior Girder 1	34.08	0.95	1	1	3.203444
HL93_str_opr	BOBJ1	34.08	Before	Interior Girder 2	34.08	0.95	1	1	3.190931
HL93_str_opr	BOBJ1	34.08	Before	Interior Girder 3	34.08	0.95	1	1	3.303085
HL93_str_opr	BOBJ1	34.08	Before	Interior Girder 4	34.08	0.95	1	1	3.303085
HL93_str_opr	BOBJ1	34.08	Before	Interior Girder 5	34.08	0.95	1	1	3.190931
HL93_str_opr	BOBJ1	34.08	Before	Interior Girder 6	34.08	0.95	1	1	3.203444
HL93_str_opr	BOBJ1	34.08	Before	Right Exterior Girder	34.08	0.95	1	1	3.19731
HL93_str_opr	BOBJ1	34.08	After	Left Exterior Girder	34.08	0.95	1	1	3.036437
HL93_str_opr	BOBJ1	34.08	After	Interior Girder 1	34.08	0.95	1	1	3.169247
HL93_str_opr	BOBJ1	34.08	After	Interior Girder 2	34.08	0.95	1	1	3.170739
HL93_str_opr	BOBJ1	34.08	After	Interior Girder 3	34.08	0.95	1	1	3.259282
HL93_str_opr	BOBJ1	34.08	After	Interior Girder 4	34.08	0.95	1	1	3.259282
HL93_str_opr	BOBJ1	34.08	After	Interior Girder 5	34.08	0.95	1	1	3.170739
HL93_str_opr	BOBJ1	34.08	After	Interior Girder 6	34.08	0.95	1	1	3.169247
HL93_str_opr	BOBJ1	34.08	After	Right Exterior Girder	34.08	0.95	1	1	3.036437
HL93_str_opr	BOBJ1	39.855	Before	Left Exterior Girder	39.855	0.95	1	1	1.898582
HL93_str_opr	BOBJ1	39.855	Before	Interior Girder 1	39.855	0.95	1	1	2.310563
HL93_str_opr	BOBJ1	39.855	Before	Interior Girder 2	39.855	0.95	1	1	2.27992
HL93_str_opr	BOBJ1	39.855	Before	Interior Girder 3	39.855	0.95	1	1	2.203478
HL93_str_opr	BOBJ1	39.855	Before	Interior Girder 4	39.855	0.95	1	1	2.203478
HL93_str_opr	BOBJ1	39.855	Before	Interior Girder 5	39.855	0.95	1	1	2.27992
HL93_str_opr	BOBJ1	39.855	Before	Interior Girder 6	39.855	0.95	1	1	2.310563
HL93_str_opr	BOBJ1	39.855	Before	Right Exterior Girder	39.855	0.95	1	1	1.898582
HL93_str_opr	BOBJ1	39.855	After	Left Exterior Girder	39.855	0.95	1	1	1.939578
HL93_str_opr	BOBJ1	39.855	After	Interior Girder 1	39.855	0.95	1	1	2.270479
HL93_str_opr	BOBJ1	39.855	After	Interior Girder 2	39.855	0.95	1	1	2.261226
HL93_str_opr	BOBJ1	39.855	After	Interior Girder 3	39.855	0.95	1	1	2.202604
HL93_str_opr	BOBJ1	39.855	After	Interior Girder 4	39.855	0.95	1	1	2.202604
HL93_str_opr	BOBJ1	39.855	After	Interior Girder 5	39.855	0.95	1	1	2.261226
HL93_str_opr	BOBJ1	39.855	After	Interior Girder 6	39.855	0.95	1	1	2.270479
HL93_str_opr	BOBJ1	39.855	After	Right Exterior Girder	39.855	0.95	1	1	1.939578
HL93_str_opr	BOBJ1	40.0288	Before	Left Exterior Girder	40.0288	0.95	1	1	1.893821
HL93_str_opr	BOBJ1	40.0288	Before	Right Exterior Girder	40.0288	0.95	1	1	1.893821
HL93_str_opr	BOBJ1	40.0288	After	Left Exterior Girder	40.0288	0.95	1	1	2.805795
HL93_str_opr	BOBJ1	40.0288	After	Right Exterior Girder	40.0288	0.95	1	1	2.805795
HL93_str_opr	BOBJ1	45.63	Before	Left Exterior Girder	45.63	0.95	1	1	1.653276
HL93_str_opr	BOBJ1	45.63	Before	Interior Girder 1	45.63	0.95	1	1	1.437369
HL93_str_opr	BOBJ1	45.63	Before	Interior Girder 2	45.63	0.95	1	1	1.428299
HL93_str_opr	BOBJ1	45.63	Before	Interior Girder 3	45.63	0.95	1	1	1.17707
HL93_str_opr	BOBJ1	45.63	Before	Interior Girder 4	45.63	0.95	1	1	1.17707
HL93_str_opr	BOBJ1	45.63	Before	Interior Girder 5	45.63	0.95	1	1	1.428299

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelINonCompStrgth-Flx - Approach, Span 16-19									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
HL93_str_opr	BOBJ1	45.63	Before	Interior Girder 6	45.63	0.95	1	1	1.437369
HL93_str_opr	BOBJ1	45.63	Before	Right Exterior Girder	45.63	0.95	1	1	1.653276
HL93_str_opr	BOBJ1	45.63	After	Left Exterior Girder	0	0.95	1	1	1.636858
HL93_str_opr	BOBJ1	45.63	After	Interior Girder 1	0	0.95	1	1	1.344876
HL93_str_opr	BOBJ1	45.63	After	Interior Girder 2	0	0.95	1	1	1.347391
HL93_str_opr	BOBJ1	45.63	After	Interior Girder 3	0	0.95	1	1	1.104304
HL93_str_opr	BOBJ1	45.63	After	Interior Girder 4	0	0.95	1	1	1.104304
HL93_str_opr	BOBJ1	45.63	After	Interior Girder 5	0	0.95	1	1	1.347391
HL93_str_opr	BOBJ1	45.63	After	Interior Girder 6	0	0.95	1	1	1.344876
HL93_str_opr	BOBJ1	45.63	After	Right Exterior Girder	0	0.95	1	1	1.636858
HL93_str_opr	BOBJ1	50.6298	Before	Left Exterior Girder	4.9998	0.95	1	1	4.417055
HL93_str_opr	BOBJ1	50.6298	Before	Right Exterior Girder	4.9998	0.95	1	1	4.417055
HL93_str_opr	BOBJ1	50.6298	After	Left Exterior Girder	4.9998	0.95	1	1	2.833872
HL93_str_opr	BOBJ1	50.6298	After	Right Exterior Girder	4.9998	0.95	1	1	2.833872
HL93_str_opr	BOBJ1	51.4	Before	Left Exterior Girder	5.77	0.95	1	1	3.44061
HL93_str_opr	BOBJ1	51.4	Before	Interior Girder 1	5.77	0.95	1	1	3.553643
HL93_str_opr	BOBJ1	51.4	Before	Interior Girder 2	5.77	0.95	1	1	3.386167
HL93_str_opr	BOBJ1	51.4	Before	Interior Girder 3	5.77	0.95	1	1	3.138637
HL93_str_opr	BOBJ1	51.4	Before	Interior Girder 4	5.77	0.95	1	1	3.138637
HL93_str_opr	BOBJ1	51.4	Before	Interior Girder 5	5.77	0.95	1	1	3.386167
HL93_str_opr	BOBJ1	51.4	Before	Interior Girder 6	5.77	0.95	1	1	3.553643
HL93_str_opr	BOBJ1	51.4	Before	Right Exterior Girder	5.77	0.95	1	1	3.44061
HL93_str_opr	BOBJ1	51.4	After	Left Exterior Girder	5.77	0.95	1	1	3.351515
HL93_str_opr	BOBJ1	51.4	After	Interior Girder 1	5.77	0.95	1	1	3.626789
HL93_str_opr	BOBJ1	51.4	After	Interior Girder 2	5.77	0.95	1	1	3.381141
HL93_str_opr	BOBJ1	51.4	After	Interior Girder 3	5.77	0.95	1	1	3.1013
HL93_str_opr	BOBJ1	51.4	After	Interior Girder 4	5.77	0.95	1	1	3.1013
HL93_str_opr	BOBJ1	51.4	After	Interior Girder 5	5.77	0.95	1	1	3.381141
HL93_str_opr	BOBJ1	51.4	After	Interior Girder 6	5.77	0.95	1	1	3.626789
HL93_str_opr	BOBJ1	51.4	After	Right Exterior Girder	5.77	0.95	1	1	3.351515
HL93_str_opr	BOBJ1	57.17	Before	Left Exterior Girder	11.54	0.95	1	1	6.059278
HL93_str_opr	BOBJ1	57.17	Before	Interior Girder 1	11.54	0.95	1	1	4.708603
HL93_str_opr	BOBJ1	57.17	Before	Interior Girder 2	11.54	0.95	1	1	4.036197
HL93_str_opr	BOBJ1	57.17	Before	Interior Girder 3	11.54	0.95	1	1	3.839155
HL93_str_opr	BOBJ1	57.17	Before	Interior Girder 4	11.54	0.95	1	1	3.839155
HL93_str_opr	BOBJ1	57.17	Before	Interior Girder 5	11.54	0.95	1	1	4.036197
HL93_str_opr	BOBJ1	57.17	Before	Interior Girder 6	11.54	0.95	1	1	4.708603
HL93_str_opr	BOBJ1	57.17	Before	Right Exterior Girder	11.54	0.95	1	1	6.059278
HL93_str_opr	BOBJ1	57.17	After	Left Exterior Girder	11.54	0.95	1	1	6.160692
HL93_str_opr	BOBJ1	57.17	After	Interior Girder 1	11.54	0.95	1	1	4.648415
HL93_str_opr	BOBJ1	57.17	After	Interior Girder 2	11.54	0.95	1	1	4.003058
HL93_str_opr	BOBJ1	57.17	After	Interior Girder 3	11.54	0.95	1	1	3.891378
HL93_str_opr	BOBJ1	57.17	After	Interior Girder 4	11.54	0.95	1	1	3.891378
HL93_str_opr	BOBJ1	57.17	After	Interior Girder 5	11.54	0.95	1	1	4.003058
HL93_str_opr	BOBJ1	57.17	After	Interior Girder 6	11.54	0.95	1	1	4.648415
HL93_str_opr	BOBJ1	57.17	After	Right Exterior Girder	11.54	0.95	1	1	6.160692
HL93_str_opr	BOBJ1	63.34	Before	Left Exterior Girder	17.71	0.95	1	1	2.854833
HL93_str_opr	BOBJ1	63.34	Before	Interior Girder 1	17.71	0.95	1	1	2.174792
HL93_str_opr	BOBJ1	63.34	Before	Interior Girder 2	17.71	0.95	1	1	2.051356
HL93_str_opr	BOBJ1	63.34	Before	Interior Girder 3	17.71	0.95	1	1	1.9607
HL93_str_opr	BOBJ1	63.34	Before	Interior Girder 4	17.71	0.95	1	1	1.9607
HL93_str_opr	BOBJ1	63.34	Before	Interior Girder 5	17.71	0.95	1	1	2.051356
HL93_str_opr	BOBJ1	63.34	Before	Interior Girder 6	17.71	0.95	1	1	2.174792
HL93_str_opr	BOBJ1	63.34	Before	Right Exterior Girder	17.71	0.95	1	1	2.854833
HL93_str_opr	BOBJ1	63.34	After	Left Exterior Girder	17.71	0.95	1	1	2.944688
HL93_str_opr	BOBJ1	63.34	After	Interior Girder 1	17.71	0.95	1	1	2.136554
HL93_str_opr	BOBJ1	63.34	After	Interior Girder 2	17.71	0.95	1	1	2.044175
HL93_str_opr	BOBJ1	63.34	After	Interior Girder 3	17.71	0.95	1	1	1.990221
HL93_str_opr	BOBJ1	63.34	After	Interior Girder 4	17.71	0.95	1	1	1.990221
HL93_str_opr	BOBJ1	63.34	After	Interior Girder 5	17.71	0.95	1	1	2.044175
HL93_str_opr	BOBJ1	63.34	After	Interior Girder 6	17.71	0.95	1	1	2.136554
HL93_str_opr	BOBJ1	63.34	After	Right Exterior Girder	17.71	0.95	1	1	2.944688
HL93_str_opr	BOBJ1	69.51	Before	Left Exterior Girder	23.88	0.95	1	1	1.760788
HL93_str_opr	BOBJ1	69.51	Before	Interior Girder 1	23.88	0.95	1	1	1.48294
HL93_str_opr	BOBJ1	69.51	Before	Interior Girder 2	23.88	0.95	1	1	1.439186

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelINonCompStrgth-Flx - Approach, Span 16-19									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
HL93_str_opr	BOBJ1	69.51	Before	Interior Girder 3	23.88	0.95	1	1	1.412495
HL93_str_opr	BOBJ1	69.51	Before	Interior Girder 4	23.88	0.95	1	1	1.412495
HL93_str_opr	BOBJ1	69.51	Before	Interior Girder 5	23.88	0.95	1	1	1.439186
HL93_str_opr	BOBJ1	69.51	Before	Interior Girder 6	23.88	0.95	1	1	1.48294
HL93_str_opr	BOBJ1	69.51	Before	Right Exterior Girder	23.88	0.95	1	1	1.760788
HL93_str_opr	BOBJ1	69.51	After	Left Exterior Girder	23.88	0.95	1	1	1.772311
HL93_str_opr	BOBJ1	69.51	After	Interior Girder 1	23.88	0.95	1	1	1.482286
HL93_str_opr	BOBJ1	69.51	After	Interior Girder 2	23.88	0.95	1	1	1.446528
HL93_str_opr	BOBJ1	69.51	After	Interior Girder 3	23.88	0.95	1	1	1.428544
HL93_str_opr	BOBJ1	69.51	After	Interior Girder 4	23.88	0.95	1	1	1.428544
HL93_str_opr	BOBJ1	69.51	After	Interior Girder 5	23.88	0.95	1	1	1.446528
HL93_str_opr	BOBJ1	69.51	After	Interior Girder 6	23.88	0.95	1	1	1.482286
HL93_str_opr	BOBJ1	69.51	After	Right Exterior Girder	23.88	0.95	1	1	1.772311
HL93_str_opr	BOBJ1	75.68	Before	Left Exterior Girder	30.05	0.95	1	1	1.328843
HL93_str_opr	BOBJ1	75.68	Before	Interior Girder 1	30.05	0.95	1	1	1.30335
HL93_str_opr	BOBJ1	75.68	Before	Interior Girder 2	30.05	0.95	1	1	1.282995
HL93_str_opr	BOBJ1	75.68	Before	Interior Girder 3	30.05	0.95	1	1	1.285775
HL93_str_opr	BOBJ1	75.68	Before	Interior Girder 4	30.05	0.95	1	1	1.285775
HL93_str_opr	BOBJ1	75.68	Before	Interior Girder 5	30.05	0.95	1	1	1.282995
HL93_str_opr	BOBJ1	75.68	Before	Interior Girder 6	30.05	0.95	1	1	1.30335
HL93_str_opr	BOBJ1	75.68	Before	Right Exterior Girder	30.05	0.95	1	1	1.328843
HL93_str_opr	BOBJ1	75.68	After	Left Exterior Girder	30.05	0.95	1	1	1.33733
HL93_str_opr	BOBJ1	75.68	After	Interior Girder 1	30.05	0.95	1	1	1.298798
HL93_str_opr	BOBJ1	75.68	After	Interior Girder 2	30.05	0.95	1	1	1.280274
HL93_str_opr	BOBJ1	75.68	After	Interior Girder 3	30.05	0.95	1	1	1.287635
HL93_str_opr	BOBJ1	75.68	After	Interior Girder 4	30.05	0.95	1	1	1.287635
HL93_str_opr	BOBJ1	75.68	After	Interior Girder 5	30.05	0.95	1	1	1.280274
HL93_str_opr	BOBJ1	75.68	After	Interior Girder 6	30.05	0.95	1	1	1.298798
HL93_str_opr	BOBJ1	75.68	After	Right Exterior Girder	30.05	0.95	1	1	1.33733
HL93_str_opr	BOBJ1	81.8467	Before	Left Exterior Girder	36.2167	0.95	1	1	1.380448
HL93_str_opr	BOBJ1	81.8467	Before	Interior Girder 1	36.2167	0.95	1	1	1.220653
HL93_str_opr	BOBJ1	81.8467	Before	Interior Girder 2	36.2167	0.95	1	1	1.207058
HL93_str_opr	BOBJ1	81.8467	Before	Interior Girder 3	36.2167	0.95	1	1	1.196332
HL93_str_opr	BOBJ1	81.8467	Before	Interior Girder 4	36.2167	0.95	1	1	1.196332
HL93_str_opr	BOBJ1	81.8467	Before	Interior Girder 5	36.2167	0.95	1	1	1.207058
HL93_str_opr	BOBJ1	81.8467	Before	Interior Girder 6	36.2167	0.95	1	1	1.220653
HL93_str_opr	BOBJ1	81.8467	Before	Right Exterior Girder	36.2167	0.95	1	1	1.380448
HL93_str_opr	BOBJ1	81.8467	After	Left Exterior Girder	36.2167	0.95	1	1	1.384606
HL93_str_opr	BOBJ1	81.8467	After	Interior Girder 1	36.2167	0.95	1	1	1.213837
HL93_str_opr	BOBJ1	81.8467	After	Interior Girder 2	36.2167	0.95	1	1	1.201941
HL93_str_opr	BOBJ1	81.8467	After	Interior Girder 3	36.2167	0.95	1	1	1.188334
HL93_str_opr	BOBJ1	81.8467	After	Interior Girder 4	36.2167	0.95	1	1	1.188334
HL93_str_opr	BOBJ1	81.8467	After	Interior Girder 5	36.2167	0.95	1	1	1.201941
HL93_str_opr	BOBJ1	81.8467	After	Interior Girder 6	36.2167	0.95	1	1	1.213837
HL93_str_opr	BOBJ1	81.8467	After	Right Exterior Girder	36.2167	0.95	1	1	1.384606
HL93_str_opr	BOBJ1	88.0133	Before	Left Exterior Girder	42.3833	0.95	1	1	1.667044
HL93_str_opr	BOBJ1	88.0133	Before	Interior Girder 1	42.3833	0.95	1	1	1.386453
HL93_str_opr	BOBJ1	88.0133	Before	Interior Girder 2	42.3833	0.95	1	1	1.365227
HL93_str_opr	BOBJ1	88.0133	Before	Interior Girder 3	42.3833	0.95	1	1	1.34524
HL93_str_opr	BOBJ1	88.0133	Before	Interior Girder 4	42.3833	0.95	1	1	1.34524
HL93_str_opr	BOBJ1	88.0133	Before	Interior Girder 5	42.3833	0.95	1	1	1.365227
HL93_str_opr	BOBJ1	88.0133	Before	Interior Girder 6	42.3833	0.95	1	1	1.386453
HL93_str_opr	BOBJ1	88.0133	Before	Right Exterior Girder	42.3833	0.95	1	1	1.667044
HL93_str_opr	BOBJ1	88.0133	After	Left Exterior Girder	42.3833	0.95	1	1	1.628531
HL93_str_opr	BOBJ1	88.0133	After	Interior Girder 1	42.3833	0.95	1	1	1.403829
HL93_str_opr	BOBJ1	88.0133	After	Interior Girder 2	42.3833	0.95	1	1	1.371922
HL93_str_opr	BOBJ1	88.0133	After	Interior Girder 3	42.3833	0.95	1	1	1.337545
HL93_str_opr	BOBJ1	88.0133	After	Interior Girder 4	42.3833	0.95	1	1	1.337545
HL93_str_opr	BOBJ1	88.0133	After	Interior Girder 5	42.3833	0.95	1	1	1.371922
HL93_str_opr	BOBJ1	88.0133	After	Interior Girder 6	42.3833	0.95	1	1	1.403829
HL93_str_opr	BOBJ1	88.0133	After	Right Exterior Girder	42.3833	0.95	1	1	1.628531
HL93_str_opr	BOBJ1	94.18	Before	Left Exterior Girder	48.55	0.95	1	1	2.285438
HL93_str_opr	BOBJ1	94.18	Before	Interior Girder 1	48.55	0.95	1	1	2.099872
HL93_str_opr	BOBJ1	94.18	Before	Interior Girder 2	48.55	0.95	1	1	1.958386
HL93_str_opr	BOBJ1	94.18	Before	Interior Girder 3	48.55	0.95	1	1	1.94363

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelINonCompStrgth-Flx - Approach, Span 16-19									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
HL93_str_opr	BOBJ1	94.18	Before	Interior Girder 4	48.55	0.95	1	1	1.94363
HL93_str_opr	BOBJ1	94.18	Before	Interior Girder 5	48.55	0.95	1	1	1.958386
HL93_str_opr	BOBJ1	94.18	Before	Interior Girder 6	48.55	0.95	1	1	2.099872
HL93_str_opr	BOBJ1	94.18	Before	Right Exterior Girder	48.55	0.95	1	1	2.285438
HL93_str_opr	BOBJ1	94.18	After	Left Exterior Girder	48.55	0.95	1	1	2.237123
HL93_str_opr	BOBJ1	94.18	After	Interior Girder 1	48.55	0.95	1	1	2.124134
HL93_str_opr	BOBJ1	94.18	After	Interior Girder 2	48.55	0.95	1	1	1.967747
HL93_str_opr	BOBJ1	94.18	After	Interior Girder 3	48.55	0.95	1	1	1.924824
HL93_str_opr	BOBJ1	94.18	After	Interior Girder 4	48.55	0.95	1	1	1.924824
HL93_str_opr	BOBJ1	94.18	After	Interior Girder 5	48.55	0.95	1	1	1.967747
HL93_str_opr	BOBJ1	94.18	After	Interior Girder 6	48.55	0.95	1	1	2.124134
HL93_str_opr	BOBJ1	94.18	After	Right Exterior Girder	48.55	0.95	1	1	2.237123
HL93_str_opr	BOBJ1	100.3567	Before	Left Exterior Girder	54.7267	0.95	1	1	4.435066
HL93_str_opr	BOBJ1	100.3567	Before	Interior Girder 1	54.7267	0.95	1	1	3.484634
HL93_str_opr	BOBJ1	100.3567	Before	Interior Girder 2	54.7267	0.95	1	1	3.192502
HL93_str_opr	BOBJ1	100.3567	Before	Interior Girder 3	54.7267	0.95	1	1	3.181979
HL93_str_opr	BOBJ1	100.3567	Before	Interior Girder 4	54.7267	0.95	1	1	3.181979
HL93_str_opr	BOBJ1	100.3567	Before	Interior Girder 5	54.7267	0.95	1	1	3.192502
HL93_str_opr	BOBJ1	100.3567	Before	Interior Girder 6	54.7267	0.95	1	1	3.484634
HL93_str_opr	BOBJ1	100.3567	Before	Right Exterior Girder	54.7267	0.95	1	1	4.435066
HL93_str_opr	BOBJ1	100.3567	After	Left Exterior Girder	54.7267	0.95	1	1	4.524185
HL93_str_opr	BOBJ1	100.3567	After	Interior Girder 1	54.7267	0.95	1	1	3.478891
HL93_str_opr	BOBJ1	100.3567	After	Interior Girder 2	54.7267	0.95	1	1	3.187456
HL93_str_opr	BOBJ1	100.3567	After	Interior Girder 3	54.7267	0.95	1	1	3.086056
HL93_str_opr	BOBJ1	100.3567	After	Interior Girder 4	54.7267	0.95	1	1	3.086056
HL93_str_opr	BOBJ1	100.3567	After	Interior Girder 5	54.7267	0.95	1	1	3.187456
HL93_str_opr	BOBJ1	100.3567	After	Interior Girder 6	54.7267	0.95	1	1	3.478891
HL93_str_opr	BOBJ1	100.3567	After	Right Exterior Girder	54.7267	0.95	1	1	4.524185
HL93_str_opr	BOBJ1	106.5333	Before	Left Exterior Girder	60.9033	0.95	1	1	2.521906
HL93_str_opr	BOBJ1	106.5333	Before	Interior Girder 1	60.9033	0.95	1	1	3.222595
HL93_str_opr	BOBJ1	106.5333	Before	Interior Girder 2	60.9033	0.95	1	1	3.049175
HL93_str_opr	BOBJ1	106.5333	Before	Interior Girder 3	60.9033	0.95	1	1	2.861632
HL93_str_opr	BOBJ1	106.5333	Before	Interior Girder 4	60.9033	0.95	1	1	2.861632
HL93_str_opr	BOBJ1	106.5333	Before	Interior Girder 5	60.9033	0.95	1	1	3.049175
HL93_str_opr	BOBJ1	106.5333	Before	Interior Girder 6	60.9033	0.95	1	1	3.222595
HL93_str_opr	BOBJ1	106.5333	Before	Right Exterior Girder	60.9033	0.95	1	1	2.521906
HL93_str_opr	BOBJ1	106.5333	After	Left Exterior Girder	60.9033	0.95	1	1	2.602714
HL93_str_opr	BOBJ1	106.5333	After	Interior Girder 1	60.9033	0.95	1	1	3.138105
HL93_str_opr	BOBJ1	106.5333	After	Interior Girder 2	60.9033	0.95	1	1	3.000894
HL93_str_opr	BOBJ1	106.5333	After	Interior Girder 3	60.9033	0.95	1	1	2.827091
HL93_str_opr	BOBJ1	106.5333	After	Interior Girder 4	60.9033	0.95	1	1	2.827091
HL93_str_opr	BOBJ1	106.5333	After	Interior Girder 5	60.9033	0.95	1	1	3.000894
HL93_str_opr	BOBJ1	106.5333	After	Interior Girder 6	60.9033	0.95	1	1	3.138105
HL93_str_opr	BOBJ1	106.5333	After	Right Exterior Girder	60.9033	0.95	1	1	2.602714
HL93_str_opr	BOBJ1	108.2102	Before	Left Exterior Girder	62.5802	0.95	1	1	2.025432
HL93_str_opr	BOBJ1	108.2102	Before	Right Exterior Girder	62.5802	0.95	1	1	2.025432
HL93_str_opr	BOBJ1	108.2102	After	Left Exterior Girder	62.5802	0.95	1	1	3.162603
HL93_str_opr	BOBJ1	108.2102	After	Right Exterior Girder	62.5802	0.95	1	1	3.162603
HL93_str_opr	BOBJ1	112.71	Before	Left Exterior Girder	67.08	0.95	1	1	1.431455
HL93_str_opr	BOBJ1	112.71	Before	Interior Girder 1	67.08	0.95	1	1	1.334293
HL93_str_opr	BOBJ1	112.71	Before	Interior Girder 2	67.08	0.95	1	1	1.329772
HL93_str_opr	BOBJ1	112.71	Before	Interior Girder 3	67.08	0.95	1	1	1.120153
HL93_str_opr	BOBJ1	112.71	Before	Interior Girder 4	67.08	0.95	1	1	1.120153
HL93_str_opr	BOBJ1	112.71	Before	Interior Girder 5	67.08	0.95	1	1	1.329772
HL93_str_opr	BOBJ1	112.71	Before	Interior Girder 6	67.08	0.95	1	1	1.334293
HL93_str_opr	BOBJ1	112.71	Before	Right Exterior Girder	67.08	0.95	1	1	1.431455
HL93_str_opr	BOBJ1	112.71	After	Left Exterior Girder	0	0.95	1	1	1.42901
HL93_str_opr	BOBJ1	112.71	After	Interior Girder 1	0	0.95	1	1	1.420896
HL93_str_opr	BOBJ1	112.71	After	Interior Girder 2	0	0.95	1	1	1.394489
HL93_str_opr	BOBJ1	112.71	After	Interior Girder 3	0	0.95	1	1	1.170033
HL93_str_opr	BOBJ1	112.71	After	Interior Girder 4	0	0.95	1	1	1.170033
HL93_str_opr	BOBJ1	112.71	After	Interior Girder 5	0	0.95	1	1	1.394489
HL93_str_opr	BOBJ1	112.71	After	Interior Girder 6	0	0.95	1	1	1.420896
HL93_str_opr	BOBJ1	112.71	After	Right Exterior Girder	0	0.95	1	1	1.42901
HL93_str_opr	BOBJ1	117.21	Before	Left Exterior Girder	4.5	0.95	1	1	2.294846

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelINonCompStrgth-Flx - Approach, Span 16-19									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
HL93_str_opr	BOBJ1	117.21	Before	Right Exterior Girder	4.5	0.95	1	1	2.294846
HL93_str_opr	BOBJ1	117.21	After	Left Exterior Girder	4.5	0.95	1	1	1.459679
HL93_str_opr	BOBJ1	117.21	After	Right Exterior Girder	4.5	0.95	1	1	1.459679
HL93_str_opr	BOBJ1	119.1	Before	Left Exterior Girder	6.39	0.95	1	1	1.846546
HL93_str_opr	BOBJ1	119.1	Before	Interior Girder 1	6.39	0.95	1	1	2.437073
HL93_str_opr	BOBJ1	119.1	Before	Interior Girder 2	6.39	0.95	1	1	2.40763
HL93_str_opr	BOBJ1	119.1	Before	Interior Girder 3	6.39	0.95	1	1	2.334783
HL93_str_opr	BOBJ1	119.1	Before	Interior Girder 4	6.39	0.95	1	1	2.334783
HL93_str_opr	BOBJ1	119.1	Before	Interior Girder 5	6.39	0.95	1	1	2.40763
HL93_str_opr	BOBJ1	119.1	Before	Interior Girder 6	6.39	0.95	1	1	2.437073
HL93_str_opr	BOBJ1	119.1	Before	Right Exterior Girder	6.39	0.95	1	1	1.846546
HL93_str_opr	BOBJ1	119.1	After	Left Exterior Girder	6.39	0.95	1	1	1.801359
HL93_str_opr	BOBJ1	119.1	After	Interior Girder 1	6.39	0.95	1	1	2.49593
HL93_str_opr	BOBJ1	119.1	After	Interior Girder 2	6.39	0.95	1	1	2.436403
HL93_str_opr	BOBJ1	119.1	After	Interior Girder 3	6.39	0.95	1	1	2.354623
HL93_str_opr	BOBJ1	119.1	After	Interior Girder 4	6.39	0.95	1	1	2.354623
HL93_str_opr	BOBJ1	119.1	After	Interior Girder 5	6.39	0.95	1	1	2.436403
HL93_str_opr	BOBJ1	119.1	After	Interior Girder 6	6.39	0.95	1	1	2.49593
HL93_str_opr	BOBJ1	119.1	After	Right Exterior Girder	6.39	0.95	1	1	1.801359
HL93_str_opr	BOBJ1	125.49	Before	Left Exterior Girder	12.78	0.95	1	1	2.990611
HL93_str_opr	BOBJ1	125.49	Before	Interior Girder 1	12.78	0.95	1	1	3.360907
HL93_str_opr	BOBJ1	125.49	Before	Interior Girder 2	12.78	0.95	1	1	3.092775
HL93_str_opr	BOBJ1	125.49	Before	Interior Girder 3	12.78	0.95	1	1	3.017682
HL93_str_opr	BOBJ1	125.49	Before	Interior Girder 4	12.78	0.95	1	1	3.017682
HL93_str_opr	BOBJ1	125.49	Before	Interior Girder 5	12.78	0.95	1	1	3.092775
HL93_str_opr	BOBJ1	125.49	Before	Interior Girder 6	12.78	0.95	1	1	3.360907
HL93_str_opr	BOBJ1	125.49	Before	Right Exterior Girder	12.78	0.95	1	1	2.990611
HL93_str_opr	BOBJ1	125.49	After	Left Exterior Girder	12.78	0.95	1	1	2.950337
HL93_str_opr	BOBJ1	125.49	After	Interior Girder 1	12.78	0.95	1	1	3.382241
HL93_str_opr	BOBJ1	125.49	After	Interior Girder 2	12.78	0.95	1	1	3.115091
HL93_str_opr	BOBJ1	125.49	After	Interior Girder 3	12.78	0.95	1	1	3.084181
HL93_str_opr	BOBJ1	125.49	After	Interior Girder 4	12.78	0.95	1	1	3.084181
HL93_str_opr	BOBJ1	125.49	After	Interior Girder 5	12.78	0.95	1	1	3.115091
HL93_str_opr	BOBJ1	125.49	After	Interior Girder 6	12.78	0.95	1	1	3.382241
HL93_str_opr	BOBJ1	125.49	After	Right Exterior Girder	12.78	0.95	1	1	2.950337
HL93_str_opr	BOBJ1	131.88	Before	Left Exterior Girder	19.17	0.95	1	1	2.52598
HL93_str_opr	BOBJ1	131.88	Before	Interior Girder 1	19.17	0.95	1	1	2.374125
HL93_str_opr	BOBJ1	131.88	Before	Interior Girder 2	19.17	0.95	1	1	2.17049
HL93_str_opr	BOBJ1	131.88	Before	Interior Girder 3	19.17	0.95	1	1	2.094373
HL93_str_opr	BOBJ1	131.88	Before	Interior Girder 4	19.17	0.95	1	1	2.094373
HL93_str_opr	BOBJ1	131.88	Before	Interior Girder 5	19.17	0.95	1	1	2.17049
HL93_str_opr	BOBJ1	131.88	Before	Interior Girder 6	19.17	0.95	1	1	2.374125
HL93_str_opr	BOBJ1	131.88	Before	Right Exterior Girder	19.17	0.95	1	1	2.52598
HL93_str_opr	BOBJ1	131.88	After	Left Exterior Girder	19.17	0.95	1	1	2.547276
HL93_str_opr	BOBJ1	131.88	After	Interior Girder 1	19.17	0.95	1	1	2.362453
HL93_str_opr	BOBJ1	131.88	After	Interior Girder 2	19.17	0.95	1	1	2.164981
HL93_str_opr	BOBJ1	131.88	After	Interior Girder 3	19.17	0.95	1	1	2.110184
HL93_str_opr	BOBJ1	131.88	After	Interior Girder 4	19.17	0.95	1	1	2.110184
HL93_str_opr	BOBJ1	131.88	After	Interior Girder 5	19.17	0.95	1	1	2.164981
HL93_str_opr	BOBJ1	131.88	After	Interior Girder 6	19.17	0.95	1	1	2.362453
HL93_str_opr	BOBJ1	131.88	After	Right Exterior Girder	19.17	0.95	1	1	2.547276
HL93_str_opr	BOBJ1	138.27	Before	Left Exterior Girder	25.56	0.95	1	1	2.243934
HL93_str_opr	BOBJ1	138.27	Before	Interior Girder 1	25.56	0.95	1	1	1.829402
HL93_str_opr	BOBJ1	138.27	Before	Interior Girder 2	25.56	0.95	1	1	1.73753
HL93_str_opr	BOBJ1	138.27	Before	Interior Girder 3	25.56	0.95	1	1	1.65812
HL93_str_opr	BOBJ1	138.27	Before	Interior Girder 4	25.56	0.95	1	1	1.65812
HL93_str_opr	BOBJ1	138.27	Before	Interior Girder 5	25.56	0.95	1	1	1.73753
HL93_str_opr	BOBJ1	138.27	Before	Interior Girder 6	25.56	0.95	1	1	1.829402
HL93_str_opr	BOBJ1	138.27	Before	Right Exterior Girder	25.56	0.95	1	1	2.243934
HL93_str_opr	BOBJ1	138.27	After	Left Exterior Girder	25.56	0.95	1	1	2.270555
HL93_str_opr	BOBJ1	138.27	After	Interior Girder 1	25.56	0.95	1	1	1.817332
HL93_str_opr	BOBJ1	138.27	After	Interior Girder 2	25.56	0.95	1	1	1.73301
HL93_str_opr	BOBJ1	138.27	After	Interior Girder 3	25.56	0.95	1	1	1.663009
HL93_str_opr	BOBJ1	138.27	After	Interior Girder 4	25.56	0.95	1	1	1.663009
HL93_str_opr	BOBJ1	138.27	After	Interior Girder 5	25.56	0.95	1	1	1.73301

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelINonCompStrgth-Flx - Approach, Span 16-19									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
HL93_str_opr	BOBJ1	138.27	After	Interior Girder 6	25.56	0.95	1	1	1.817332
HL93_str_opr	BOBJ1	138.27	After	Right Exterior Girder	25.56	0.95	1	1	2.270555
HL93_str_opr	BOBJ1	144.66	Before	Left Exterior Girder	31.95	0.95	1	1	2.328321
HL93_str_opr	BOBJ1	144.66	Before	Interior Girder 1	31.95	0.95	1	1	1.840734
HL93_str_opr	BOBJ1	144.66	Before	Interior Girder 2	31.95	0.95	1	1	1.755947
HL93_str_opr	BOBJ1	144.66	Before	Interior Girder 3	31.95	0.95	1	1	1.68465
HL93_str_opr	BOBJ1	144.66	Before	Interior Girder 4	31.95	0.95	1	1	1.68465
HL93_str_opr	BOBJ1	144.66	Before	Interior Girder 5	31.95	0.95	1	1	1.755947
HL93_str_opr	BOBJ1	144.66	Before	Interior Girder 6	31.95	0.95	1	1	1.840734
HL93_str_opr	BOBJ1	144.66	Before	Right Exterior Girder	31.95	0.95	1	1	2.328321
HL93_str_opr	BOBJ1	144.66	After	Left Exterior Girder	31.95	0.95	1	1	2.293355
HL93_str_opr	BOBJ1	144.66	After	Interior Girder 1	31.95	0.95	1	1	1.857364
HL93_str_opr	BOBJ1	144.66	After	Interior Girder 2	31.95	0.95	1	1	1.760116
HL93_str_opr	BOBJ1	144.66	After	Interior Girder 3	31.95	0.95	1	1	1.676746
HL93_str_opr	BOBJ1	144.66	After	Interior Girder 4	31.95	0.95	1	1	1.676746
HL93_str_opr	BOBJ1	144.66	After	Interior Girder 5	31.95	0.95	1	1	1.760116
HL93_str_opr	BOBJ1	144.66	After	Interior Girder 6	31.95	0.95	1	1	1.857364
HL93_str_opr	BOBJ1	144.66	After	Right Exterior Girder	31.95	0.95	1	1	2.293355
HL93_str_opr	BOBJ1	151.05	Before	Left Exterior Girder	38.34	0.95	1	1	2.750861
HL93_str_opr	BOBJ1	151.05	Before	Interior Girder 1	38.34	0.95	1	1	2.469023
HL93_str_opr	BOBJ1	151.05	Before	Interior Girder 2	38.34	0.95	1	1	2.251736
HL93_str_opr	BOBJ1	151.05	Before	Interior Girder 3	38.34	0.95	1	1	2.188422
HL93_str_opr	BOBJ1	151.05	Before	Interior Girder 4	38.34	0.95	1	1	2.188422
HL93_str_opr	BOBJ1	151.05	Before	Interior Girder 5	38.34	0.95	1	1	2.251736
HL93_str_opr	BOBJ1	151.05	Before	Interior Girder 6	38.34	0.95	1	1	2.469023
HL93_str_opr	BOBJ1	151.05	Before	Right Exterior Girder	38.34	0.95	1	1	2.750861
HL93_str_opr	BOBJ1	151.05	After	Left Exterior Girder	38.34	0.95	1	1	2.719074
HL93_str_opr	BOBJ1	151.05	After	Interior Girder 1	38.34	0.95	1	1	2.488351
HL93_str_opr	BOBJ1	151.05	After	Interior Girder 2	38.34	0.95	1	1	2.257572
HL93_str_opr	BOBJ1	151.05	After	Interior Girder 3	38.34	0.95	1	1	2.168192
HL93_str_opr	BOBJ1	151.05	After	Interior Girder 4	38.34	0.95	1	1	2.168192
HL93_str_opr	BOBJ1	151.05	After	Interior Girder 5	38.34	0.95	1	1	2.257572
HL93_str_opr	BOBJ1	151.05	After	Interior Girder 6	38.34	0.95	1	1	2.488351
HL93_str_opr	BOBJ1	151.05	After	Right Exterior Girder	38.34	0.95	1	1	2.719074
HL93_str_opr	BOBJ1	157.4367	Before	Left Exterior Girder	44.7267	0.95	1	1	3.071901
HL93_str_opr	BOBJ1	157.4367	Before	Interior Girder 1	44.7267	0.95	1	1	3.152348
HL93_str_opr	BOBJ1	157.4367	Before	Interior Girder 2	44.7267	0.95	1	1	3.058857
HL93_str_opr	BOBJ1	157.4367	Before	Interior Girder 3	44.7267	0.95	1	1	3.115099
HL93_str_opr	BOBJ1	157.4367	Before	Interior Girder 4	44.7267	0.95	1	1	3.115099
HL93_str_opr	BOBJ1	157.4367	Before	Interior Girder 5	44.7267	0.95	1	1	3.058857
HL93_str_opr	BOBJ1	157.4367	Before	Interior Girder 6	44.7267	0.95	1	1	3.152348
HL93_str_opr	BOBJ1	157.4367	Before	Right Exterior Girder	44.7267	0.95	1	1	3.071901
HL93_str_opr	BOBJ1	157.4367	After	Left Exterior Girder	44.7267	0.95	1	1	3.105739
HL93_str_opr	BOBJ1	157.4367	After	Interior Girder 1	44.7267	0.95	1	1	3.125429
HL93_str_opr	BOBJ1	157.4367	After	Interior Girder 2	44.7267	0.95	1	1	3.045508
HL93_str_opr	BOBJ1	157.4367	After	Interior Girder 3	44.7267	0.95	1	1	3.116668
HL93_str_opr	BOBJ1	157.4367	After	Interior Girder 4	44.7267	0.95	1	1	3.116668
HL93_str_opr	BOBJ1	157.4367	After	Interior Girder 5	44.7267	0.95	1	1	3.045508
HL93_str_opr	BOBJ1	157.4367	After	Interior Girder 6	44.7267	0.95	1	1	3.125429
HL93_str_opr	BOBJ1	157.4367	After	Right Exterior Girder	44.7267	0.95	1	1	3.105739
HL93_str_opr	BOBJ1	158.71	Before	Left Exterior Girder	46	0.95	1	1	2.835501
HL93_str_opr	BOBJ1	158.71	Before	Interior Girder 1	46	0.95	1	1	2.953899
HL93_str_opr	BOBJ1	158.71	Before	Interior Girder 2	46	0.95	1	1	2.848101
HL93_str_opr	BOBJ1	158.71	Before	Interior Girder 3	46	0.95	1	1	2.864038
HL93_str_opr	BOBJ1	158.71	Before	Interior Girder 4	46	0.95	1	1	2.864038
HL93_str_opr	BOBJ1	158.71	Before	Interior Girder 5	46	0.95	1	1	2.848101
HL93_str_opr	BOBJ1	158.71	Before	Interior Girder 6	46	0.95	1	1	2.953899
HL93_str_opr	BOBJ1	158.71	Before	Right Exterior Girder	46	0.95	1	1	2.835501
HL93_str_opr	BOBJ1	158.71	After	Left Exterior Girder	46	0.95	1	1	3.929827
HL93_str_opr	BOBJ1	158.71	After	Interior Girder 1	46	0.95	1	1	3.720061
HL93_str_opr	BOBJ1	158.71	After	Interior Girder 2	46	0.95	1	1	3.5746
HL93_str_opr	BOBJ1	158.71	After	Interior Girder 3	46	0.95	1	1	3.621534
HL93_str_opr	BOBJ1	158.71	After	Interior Girder 4	46	0.95	1	1	3.621534
HL93_str_opr	BOBJ1	158.71	After	Interior Girder 5	46	0.95	1	1	3.5746
HL93_str_opr	BOBJ1	158.71	After	Interior Girder 6	46	0.95	1	1	3.720061

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelINonCompStrgth-Flx - Approach, Span 16-19									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
HL93_str_opr	BOBJ1	158.71	After	Right Exterior Girder	46	0.95	1	1	3.929827
HL93_str_opr	BOBJ1	163.8233	Before	Left Exterior Girder	51.1133	0.95	1	1	2.670879
HL93_str_opr	BOBJ1	163.8233	Before	Interior Girder 1	51.1133	0.95	1	1	2.721474
HL93_str_opr	BOBJ1	163.8233	Before	Interior Girder 2	51.1133	0.95	1	1	2.606679
HL93_str_opr	BOBJ1	163.8233	Before	Interior Girder 3	51.1133	0.95	1	1	2.443214
HL93_str_opr	BOBJ1	163.8233	Before	Interior Girder 4	51.1133	0.95	1	1	2.443214
HL93_str_opr	BOBJ1	163.8233	Before	Interior Girder 5	51.1133	0.95	1	1	2.606679
HL93_str_opr	BOBJ1	163.8233	Before	Interior Girder 6	51.1133	0.95	1	1	2.721474
HL93_str_opr	BOBJ1	163.8233	Before	Right Exterior Girder	51.1133	0.95	1	1	2.670879
HL93_str_opr	BOBJ1	163.8233	After	Left Exterior Girder	51.1133	0.95	1	1	2.727804
HL93_str_opr	BOBJ1	163.8233	After	Interior Girder 1	51.1133	0.95	1	1	2.652787
HL93_str_opr	BOBJ1	163.8233	After	Interior Girder 2	51.1133	0.95	1	1	2.564976
HL93_str_opr	BOBJ1	163.8233	After	Interior Girder 3	51.1133	0.95	1	1	2.415654
HL93_str_opr	BOBJ1	163.8233	After	Interior Girder 4	51.1133	0.95	1	1	2.415654
HL93_str_opr	BOBJ1	163.8233	After	Interior Girder 5	51.1133	0.95	1	1	2.564976
HL93_str_opr	BOBJ1	163.8233	After	Interior Girder 6	51.1133	0.95	1	1	2.652787
HL93_str_opr	BOBJ1	163.8233	After	Right Exterior Girder	51.1133	0.95	1	1	2.727804
HL93_str_opr	BOBJ1	164.71	Before	Left Exterior Girder	52	0.95	1	1	2.494662
HL93_str_opr	BOBJ1	164.71	Before	Right Exterior Girder	52	0.95	1	1	2.494662
HL93_str_opr	BOBJ1	164.71	After	Left Exterior Girder	52	0.95	1	1	3.952451
HL93_str_opr	BOBJ1	164.71	After	Right Exterior Girder	52	0.95	1	1	3.952451
HL93_str_opr	BOBJ1	170.21	Before	Left Exterior Girder	57.5	0.95	1	1	2.521611
HL93_str_opr	BOBJ1	170.21	Before	Interior Girder 1	57.5	0.95	1	1	1.4717
HL93_str_opr	BOBJ1	170.21	Before	Interior Girder 2	57.5	0.95	1	1	1.433875
HL93_str_opr	BOBJ1	170.21	Before	Interior Girder 3	57.5	0.95	1	1	1.163026
HL93_str_opr	BOBJ1	170.21	Before	Interior Girder 4	57.5	0.95	1	1	1.163026
HL93_str_opr	BOBJ1	170.21	Before	Interior Girder 5	57.5	0.95	1	1	1.433875
HL93_str_opr	BOBJ1	170.21	Before	Interior Girder 6	57.5	0.95	1	1	1.4717
HL93_str_opr	BOBJ1	170.21	Before	Right Exterior Girder	57.5	0.95	1	1	2.521611
HL93_str_opr	BOBJ1	170.21	After	Left Exterior Girder	0	0.95	1	1	2.553749
HL93_str_opr	BOBJ1	170.21	After	Interior Girder 1	0	0.95	1	1	1.913404
HL93_str_opr	BOBJ1	170.21	After	Interior Girder 2	0	0.95	1	1	1.846774
HL93_str_opr	BOBJ1	170.21	After	Interior Girder 3	0	0.95	1	1	1.540468
HL93_str_opr	BOBJ1	170.21	After	Interior Girder 4	0	0.95	1	1	1.540468
HL93_str_opr	BOBJ1	170.21	After	Interior Girder 5	0	0.95	1	1	1.846774
HL93_str_opr	BOBJ1	170.21	After	Interior Girder 6	0	0.95	1	1	1.913404
HL93_str_opr	BOBJ1	170.21	After	Right Exterior Girder	0	0.95	1	1	2.553749
HL93_str_opr	BOBJ1	176.21	Before	Left Exterior Girder	6	0.95	1	1	4.731613
HL93_str_opr	BOBJ1	176.21	Before	Right Exterior Girder	6	0.95	1	1	4.731613
HL93_str_opr	BOBJ1	176.21	After	Left Exterior Girder	6	0.95	1	1	3.072206
HL93_str_opr	BOBJ1	176.21	After	Right Exterior Girder	6	0.95	1	1	3.072206
HL93_str_opr	BOBJ1	176.6	Before	Left Exterior Girder	6.39	0.95	1	1	3.21611
HL93_str_opr	BOBJ1	176.6	Before	Interior Girder 1	6.39	0.95	1	1	3.701976
HL93_str_opr	BOBJ1	176.6	Before	Interior Girder 2	6.39	0.95	1	1	3.507911
HL93_str_opr	BOBJ1	176.6	Before	Interior Girder 3	6.39	0.95	1	1	3.311867
HL93_str_opr	BOBJ1	176.6	Before	Interior Girder 4	6.39	0.95	1	1	3.311867
HL93_str_opr	BOBJ1	176.6	Before	Interior Girder 5	6.39	0.95	1	1	3.507911
HL93_str_opr	BOBJ1	176.6	Before	Interior Girder 6	6.39	0.95	1	1	3.701976
HL93_str_opr	BOBJ1	176.6	Before	Right Exterior Girder	6.39	0.95	1	1	3.21611
HL93_str_opr	BOBJ1	176.6	After	Left Exterior Girder	6.39	0.95	1	1	3.123809
HL93_str_opr	BOBJ1	176.6	After	Interior Girder 1	6.39	0.95	1	1	3.796459
HL93_str_opr	BOBJ1	176.6	After	Interior Girder 2	6.39	0.95	1	1	3.567223
HL93_str_opr	BOBJ1	176.6	After	Interior Girder 3	6.39	0.95	1	1	3.351998
HL93_str_opr	BOBJ1	176.6	After	Interior Girder 4	6.39	0.95	1	1	3.351998
HL93_str_opr	BOBJ1	176.6	After	Interior Girder 5	6.39	0.95	1	1	3.567223
HL93_str_opr	BOBJ1	176.6	After	Interior Girder 6	6.39	0.95	1	1	3.796459
HL93_str_opr	BOBJ1	176.6	After	Right Exterior Girder	6.39	0.95	1	1	3.123809
HL93_str_opr	BOBJ1	182.99	Before	Left Exterior Girder	12.78	0.95	1	1	4.961496
HL93_str_opr	BOBJ1	182.99	Before	Interior Girder 1	12.78	0.95	1	1	3.635352
HL93_str_opr	BOBJ1	182.99	Before	Interior Girder 2	12.78	0.95	1	1	3.34603
HL93_str_opr	BOBJ1	182.99	Before	Interior Girder 3	12.78	0.95	1	1	3.314501
HL93_str_opr	BOBJ1	182.99	Before	Interior Girder 4	12.78	0.95	1	1	3.314501
HL93_str_opr	BOBJ1	182.99	Before	Interior Girder 5	12.78	0.95	1	1	3.34603
HL93_str_opr	BOBJ1	182.99	Before	Interior Girder 6	12.78	0.95	1	1	3.635352
HL93_str_opr	BOBJ1	182.99	Before	Right Exterior Girder	12.78	0.95	1	1	4.961496

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelINonCompStrgth-Flx - Approach, Span 16-19									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
HL93_str_opr	BOBJ1	182.99	After	Left Exterior Girder	12.78	0.95	1	1	4.899166
HL93_str_opr	BOBJ1	182.99	After	Interior Girder 1	12.78	0.95	1	1	3.64824
HL93_str_opr	BOBJ1	182.99	After	Interior Girder 2	12.78	0.95	1	1	3.368656
HL93_str_opr	BOBJ1	182.99	After	Interior Girder 3	12.78	0.95	1	1	3.39914
HL93_str_opr	BOBJ1	182.99	After	Interior Girder 4	12.78	0.95	1	1	3.39914
HL93_str_opr	BOBJ1	182.99	After	Interior Girder 5	12.78	0.95	1	1	3.368656
HL93_str_opr	BOBJ1	182.99	After	Interior Girder 6	12.78	0.95	1	1	3.64824
HL93_str_opr	BOBJ1	182.99	After	Right Exterior Girder	12.78	0.95	1	1	4.899166
HL93_str_opr	BOBJ1	189.38	Before	Left Exterior Girder	19.17	0.95	1	1	2.60046
HL93_str_opr	BOBJ1	189.38	Before	Interior Girder 1	19.17	0.95	1	1	2.297771
HL93_str_opr	BOBJ1	189.38	Before	Interior Girder 2	19.17	0.95	1	1	2.120362
HL93_str_opr	BOBJ1	189.38	Before	Interior Girder 3	19.17	0.95	1	1	2.076633
HL93_str_opr	BOBJ1	189.38	Before	Interior Girder 4	19.17	0.95	1	1	2.076633
HL93_str_opr	BOBJ1	189.38	Before	Interior Girder 5	19.17	0.95	1	1	2.120362
HL93_str_opr	BOBJ1	189.38	Before	Interior Girder 6	19.17	0.95	1	1	2.297771
HL93_str_opr	BOBJ1	189.38	Before	Right Exterior Girder	19.17	0.95	1	1	2.60046
HL93_str_opr	BOBJ1	189.38	After	Left Exterior Girder	19.17	0.95	1	1	2.639627
HL93_str_opr	BOBJ1	189.38	After	Interior Girder 1	19.17	0.95	1	1	2.275131
HL93_str_opr	BOBJ1	189.38	After	Interior Girder 2	19.17	0.95	1	1	2.114731
HL93_str_opr	BOBJ1	189.38	After	Interior Girder 3	19.17	0.95	1	1	2.097463
HL93_str_opr	BOBJ1	189.38	After	Interior Girder 4	19.17	0.95	1	1	2.097463
HL93_str_opr	BOBJ1	189.38	After	Interior Girder 5	19.17	0.95	1	1	2.114731
HL93_str_opr	BOBJ1	189.38	After	Interior Girder 6	19.17	0.95	1	1	2.275131
HL93_str_opr	BOBJ1	189.38	After	Right Exterior Girder	19.17	0.95	1	1	2.639627
HL93_str_opr	BOBJ1	195.77	Before	Left Exterior Girder	25.56	0.95	1	1	1.986617
HL93_str_opr	BOBJ1	195.77	Before	Interior Girder 1	25.56	0.95	1	1	1.577051
HL93_str_opr	BOBJ1	195.77	Before	Interior Girder 2	25.56	0.95	1	1	1.523827
HL93_str_opr	BOBJ1	195.77	Before	Interior Girder 3	25.56	0.95	1	1	1.483402
HL93_str_opr	BOBJ1	195.77	Before	Interior Girder 4	25.56	0.95	1	1	1.483402
HL93_str_opr	BOBJ1	195.77	Before	Interior Girder 5	25.56	0.95	1	1	1.523827
HL93_str_opr	BOBJ1	195.77	Before	Interior Girder 6	25.56	0.95	1	1	1.577051
HL93_str_opr	BOBJ1	195.77	Before	Right Exterior Girder	25.56	0.95	1	1	1.986617
HL93_str_opr	BOBJ1	195.77	After	Left Exterior Girder	25.56	0.95	1	1	2.022609
HL93_str_opr	BOBJ1	195.77	After	Interior Girder 1	25.56	0.95	1	1	1.558978
HL93_str_opr	BOBJ1	195.77	After	Interior Girder 2	25.56	0.95	1	1	1.519191
HL93_str_opr	BOBJ1	195.77	After	Interior Girder 3	25.56	0.95	1	1	1.491828
HL93_str_opr	BOBJ1	195.77	After	Interior Girder 4	25.56	0.95	1	1	1.491828
HL93_str_opr	BOBJ1	195.77	After	Interior Girder 5	25.56	0.95	1	1	1.519191
HL93_str_opr	BOBJ1	195.77	After	Interior Girder 6	25.56	0.95	1	1	1.558978
HL93_str_opr	BOBJ1	195.77	After	Right Exterior Girder	25.56	0.95	1	1	2.022609
HL93_str_opr	BOBJ1	202.16	Before	Left Exterior Girder	31.95	0.95	1	1	1.764849
HL93_str_opr	BOBJ1	202.16	Before	Interior Girder 1	31.95	0.95	1	1	1.397504
HL93_str_opr	BOBJ1	202.16	Before	Interior Girder 2	31.95	0.95	1	1	1.365166
HL93_str_opr	BOBJ1	202.16	Before	Interior Girder 3	31.95	0.95	1	1	1.341163
HL93_str_opr	BOBJ1	202.16	Before	Interior Girder 4	31.95	0.95	1	1	1.341163
HL93_str_opr	BOBJ1	202.16	Before	Interior Girder 5	31.95	0.95	1	1	1.365166
HL93_str_opr	BOBJ1	202.16	Before	Interior Girder 6	31.95	0.95	1	1	1.397504
HL93_str_opr	BOBJ1	202.16	Before	Right Exterior Girder	31.95	0.95	1	1	1.764849
HL93_str_opr	BOBJ1	202.16	After	Left Exterior Girder	31.95	0.95	1	1	1.751571
HL93_str_opr	BOBJ1	202.16	After	Interior Girder 1	31.95	0.95	1	1	1.40235
HL93_str_opr	BOBJ1	202.16	After	Interior Girder 2	31.95	0.95	1	1	1.36925
HL93_str_opr	BOBJ1	202.16	After	Interior Girder 3	31.95	0.95	1	1	1.343024
HL93_str_opr	BOBJ1	202.16	After	Interior Girder 4	31.95	0.95	1	1	1.343024
HL93_str_opr	BOBJ1	202.16	After	Interior Girder 5	31.95	0.95	1	1	1.36925
HL93_str_opr	BOBJ1	202.16	After	Interior Girder 6	31.95	0.95	1	1	1.40235
HL93_str_opr	BOBJ1	202.16	After	Right Exterior Girder	31.95	0.95	1	1	1.751571
HL93_str_opr	BOBJ1	208.55	Before	Left Exterior Girder	38.34	0.95	1	1	1.71758
HL93_str_opr	BOBJ1	208.55	Before	Interior Girder 1	38.34	0.95	1	1	1.520234
HL93_str_opr	BOBJ1	208.55	Before	Interior Girder 2	38.34	0.95	1	1	1.472025
HL93_str_opr	BOBJ1	208.55	Before	Interior Girder 3	38.34	0.95	1	1	1.463662
HL93_str_opr	BOBJ1	208.55	Before	Interior Girder 4	38.34	0.95	1	1	1.463662
HL93_str_opr	BOBJ1	208.55	Before	Interior Girder 5	38.34	0.95	1	1	1.472025
HL93_str_opr	BOBJ1	208.55	Before	Interior Girder 6	38.34	0.95	1	1	1.520234
HL93_str_opr	BOBJ1	208.55	Before	Right Exterior Girder	38.34	0.95	1	1	1.71758
HL93_str_opr	BOBJ1	208.55	After	Left Exterior Girder	38.34	0.95	1	1	1.701482

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelINonCompStrgth-Flx - Approach, Span 16-19									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
HL93_str_opr	BOBJ1	208.55	After	Interior Girder 1	38.34	0.95	1	1	1.52862
HL93_str_opr	BOBJ1	208.55	After	Interior Girder 2	38.34	0.95	1	1	1.47143
HL93_str_opr	BOBJ1	208.55	After	Interior Girder 3	38.34	0.95	1	1	1.456602
HL93_str_opr	BOBJ1	208.55	After	Interior Girder 4	38.34	0.95	1	1	1.456602
HL93_str_opr	BOBJ1	208.55	After	Interior Girder 5	38.34	0.95	1	1	1.47143
HL93_str_opr	BOBJ1	208.55	After	Interior Girder 6	38.34	0.95	1	1	1.52862
HL93_str_opr	BOBJ1	208.55	After	Right Exterior Girder	38.34	0.95	1	1	1.701482
HL93_str_opr	BOBJ1	215.1233	Before	Left Exterior Girder	44.9133	0.95	1	1	2.367711
HL93_str_opr	BOBJ1	215.1233	Before	Interior Girder 1	44.9133	0.95	1	1	1.78356
HL93_str_opr	BOBJ1	215.1233	Before	Interior Girder 2	44.9133	0.95	1	1	1.735015
HL93_str_opr	BOBJ1	215.1233	Before	Interior Girder 3	44.9133	0.95	1	1	1.696509
HL93_str_opr	BOBJ1	215.1233	Before	Interior Girder 4	44.9133	0.95	1	1	1.696509
HL93_str_opr	BOBJ1	215.1233	Before	Interior Girder 5	44.9133	0.95	1	1	1.735015
HL93_str_opr	BOBJ1	215.1233	Before	Interior Girder 6	44.9133	0.95	1	1	1.78356
HL93_str_opr	BOBJ1	215.1233	Before	Right Exterior Girder	44.9133	0.95	1	1	2.367711
HL93_str_opr	BOBJ1	215.1233	After	Left Exterior Girder	44.9133	0.95	1	1	2.354458
HL93_str_opr	BOBJ1	215.1233	After	Interior Girder 1	44.9133	0.95	1	1	1.78863
HL93_str_opr	BOBJ1	215.1233	After	Interior Girder 2	44.9133	0.95	1	1	1.709673
HL93_str_opr	BOBJ1	215.1233	After	Interior Girder 3	44.9133	0.95	1	1	1.657358
HL93_str_opr	BOBJ1	215.1233	After	Interior Girder 4	44.9133	0.95	1	1	1.657358
HL93_str_opr	BOBJ1	215.1233	After	Interior Girder 5	44.9133	0.95	1	1	1.709673
HL93_str_opr	BOBJ1	215.1233	After	Interior Girder 6	44.9133	0.95	1	1	1.78863
HL93_str_opr	BOBJ1	215.1233	After	Right Exterior Girder	44.9133	0.95	1	1	2.354458
HL93_str_opr	BOBJ1	221.6967	Before	Left Exterior Girder	51.4867	0.95	1	1	4.786097
HL93_str_opr	BOBJ1	221.6967	Before	Interior Girder 1	51.4867	0.95	1	1	2.984451
HL93_str_opr	BOBJ1	221.6967	Before	Interior Girder 2	51.4867	0.95	1	1	2.898526
HL93_str_opr	BOBJ1	221.6967	Before	Interior Girder 3	51.4867	0.95	1	1	2.681938
HL93_str_opr	BOBJ1	221.6967	Before	Interior Girder 4	51.4867	0.95	1	1	2.681938
HL93_str_opr	BOBJ1	221.6967	Before	Interior Girder 5	51.4867	0.95	1	1	2.898526
HL93_str_opr	BOBJ1	221.6967	Before	Interior Girder 6	51.4867	0.95	1	1	2.984451
HL93_str_opr	BOBJ1	221.6967	Before	Right Exterior Girder	51.4867	0.95	1	1	4.786097
HL93_str_opr	BOBJ1	221.6967	After	Left Exterior Girder	51.4867	0.95	1	1	4.740008
HL93_str_opr	BOBJ1	221.6967	After	Interior Girder 1	51.4867	0.95	1	1	3.008045
HL93_str_opr	BOBJ1	221.6967	After	Interior Girder 2	51.4867	0.95	1	1	2.859649
HL93_str_opr	BOBJ1	221.6967	After	Interior Girder 3	51.4867	0.95	1	1	2.578972
HL93_str_opr	BOBJ1	221.6967	After	Interior Girder 4	51.4867	0.95	1	1	2.578972
HL93_str_opr	BOBJ1	221.6967	After	Interior Girder 5	51.4867	0.95	1	1	2.859649
HL93_str_opr	BOBJ1	221.6967	After	Interior Girder 6	51.4867	0.95	1	1	3.008045
HL93_str_opr	BOBJ1	221.6967	After	Right Exterior Girder	51.4867	0.95	1	1	4.740008
HL93_str_opr	BOBJ1	228.27	Before	Left Exterior Girder	58.06	0.95	1	1	365.218825
HL93_str_opr	BOBJ1	228.27	Before	Interior Girder 1	58.06	0.95	1	1	274.186763
HL93_str_opr	BOBJ1	228.27	Before	Interior Girder 2	58.06	0.95	1	1	214.172169
HL93_str_opr	BOBJ1	228.27	Before	Interior Girder 3	58.06	0.95	1	1	154.814113
HL93_str_opr	BOBJ1	228.27	Before	Interior Girder 4	58.06	0.95	1	1	154.814113
HL93_str_opr	BOBJ1	228.27	Before	Interior Girder 5	58.06	0.95	1	1	214.172169
HL93_str_opr	BOBJ1	228.27	Before	Interior Girder 6	58.06	0.95	1	1	274.186763
HL93_str_opr	BOBJ1	228.27	Before	Right Exterior Girder	58.06	0.95	1	1	365.218826
HL93_str_inv	BOBJ1	0	After	Left Exterior Girder	0	0.95	1	1	293.07036
HL93_str_inv	BOBJ1	0	After	Interior Girder 1	0	0.95	1	1	298.738516
HL93_str_inv	BOBJ1	0	After	Interior Girder 2	0	0.95	1	1	179.598192
HL93_str_inv	BOBJ1	0	After	Interior Girder 3	0	0.95	1	1	145.193842
HL93_str_inv	BOBJ1	0	After	Interior Girder 4	0	0.95	1	1	145.193842
HL93_str_inv	BOBJ1	0	After	Interior Girder 5	0	0.95	1	1	179.598195
HL93_str_inv	BOBJ1	0	After	Interior Girder 6	0	0.95	1	1	298.738516
HL93_str_inv	BOBJ1	0	After	Right Exterior Girder	0	0.95	1	1	293.07036
HL93_str_inv	BOBJ1	5.3833	Before	Left Exterior Girder	5.3833	0.95	1	1	4.055362
HL93_str_inv	BOBJ1	5.3833	Before	Interior Girder 1	5.3833	0.95	1	1	2.560128
HL93_str_inv	BOBJ1	5.3833	Before	Interior Girder 2	5.3833	0.95	1	1	2.431805
HL93_str_inv	BOBJ1	5.3833	Before	Interior Girder 3	5.3833	0.95	1	1	2.133354
HL93_str_inv	BOBJ1	5.3833	Before	Interior Girder 4	5.3833	0.95	1	1	2.133354
HL93_str_inv	BOBJ1	5.3833	Before	Interior Girder 5	5.3833	0.95	1	1	2.431805
HL93_str_inv	BOBJ1	5.3833	Before	Interior Girder 6	5.3833	0.95	1	1	2.560128
HL93_str_inv	BOBJ1	5.3833	Before	Right Exterior Girder	5.3833	0.95	1	1	4.055362
HL93_str_inv	BOBJ1	5.3833	After	Left Exterior Girder	5.3833	0.95	1	1	4.106466
HL93_str_inv	BOBJ1	5.3833	After	Interior Girder 1	5.3833	0.95	1	1	2.563463

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelINonCompStrgth-Flx - Approach, Span 16-19									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
HL93_str_inv	BOBJ1	5.3833	After	Interior Girder 2	5.3833	0.95	1	1	2.468681
HL93_str_inv	BOBJ1	5.3833	After	Interior Girder 3	5.3833	0.95	1	1	2.205553
HL93_str_inv	BOBJ1	5.3833	After	Interior Girder 4	5.3833	0.95	1	1	2.205553
HL93_str_inv	BOBJ1	5.3833	After	Interior Girder 5	5.3833	0.95	1	1	2.468681
HL93_str_inv	BOBJ1	5.3833	After	Interior Girder 6	5.3833	0.95	1	1	2.563463
HL93_str_inv	BOBJ1	5.3833	After	Right Exterior Girder	5.3833	0.95	1	1	4.106466
HL93_str_inv	BOBJ1	10.7667	Before	Left Exterior Girder	10.7667	0.95	1	1	2.209886
HL93_str_inv	BOBJ1	10.7667	Before	Interior Girder 1	10.7667	0.95	1	1	1.625716
HL93_str_inv	BOBJ1	10.7667	Before	Interior Girder 2	10.7667	0.95	1	1	1.530697
HL93_str_inv	BOBJ1	10.7667	Before	Interior Girder 3	10.7667	0.95	1	1	1.45227
HL93_str_inv	BOBJ1	10.7667	Before	Interior Girder 4	10.7667	0.95	1	1	1.45227
HL93_str_inv	BOBJ1	10.7667	Before	Interior Girder 5	10.7667	0.95	1	1	1.530697
HL93_str_inv	BOBJ1	10.7667	Before	Interior Girder 6	10.7667	0.95	1	1	1.625716
HL93_str_inv	BOBJ1	10.7667	Before	Right Exterior Girder	10.7667	0.95	1	1	2.209886
HL93_str_inv	BOBJ1	10.7667	After	Left Exterior Girder	10.7667	0.95	1	1	2.196102
HL93_str_inv	BOBJ1	10.7667	After	Interior Girder 1	10.7667	0.95	1	1	1.63033
HL93_str_inv	BOBJ1	10.7667	After	Interior Girder 2	10.7667	0.95	1	1	1.553332
HL93_str_inv	BOBJ1	10.7667	After	Interior Girder 3	10.7667	0.95	1	1	1.479608
HL93_str_inv	BOBJ1	10.7667	After	Interior Girder 4	10.7667	0.95	1	1	1.479608
HL93_str_inv	BOBJ1	10.7667	After	Interior Girder 5	10.7667	0.95	1	1	1.553332
HL93_str_inv	BOBJ1	10.7667	After	Interior Girder 6	10.7667	0.95	1	1	1.63033
HL93_str_inv	BOBJ1	10.7667	After	Right Exterior Girder	10.7667	0.95	1	1	2.196102
HL93_str_inv	BOBJ1	16.15	Before	Left Exterior Girder	16.15	0.95	1	1	1.696584
HL93_str_inv	BOBJ1	16.15	Before	Interior Girder 1	16.15	0.95	1	1	1.479158
HL93_str_inv	BOBJ1	16.15	Before	Interior Girder 2	16.15	0.95	1	1	1.384998
HL93_str_inv	BOBJ1	16.15	Before	Interior Girder 3	16.15	0.95	1	1	1.337419
HL93_str_inv	BOBJ1	16.15	Before	Interior Girder 4	16.15	0.95	1	1	1.337419
HL93_str_inv	BOBJ1	16.15	Before	Interior Girder 5	16.15	0.95	1	1	1.384998
HL93_str_inv	BOBJ1	16.15	Before	Interior Girder 6	16.15	0.95	1	1	1.479158
HL93_str_inv	BOBJ1	16.15	Before	Right Exterior Girder	16.15	0.95	1	1	1.696584
HL93_str_inv	BOBJ1	16.15	After	Left Exterior Girder	16.15	0.95	1	1	1.701399
HL93_str_inv	BOBJ1	16.15	After	Interior Girder 1	16.15	0.95	1	1	1.475382
HL93_str_inv	BOBJ1	16.15	After	Interior Girder 2	16.15	0.95	1	1	1.387865
HL93_str_inv	BOBJ1	16.15	After	Interior Girder 3	16.15	0.95	1	1	1.34253
HL93_str_inv	BOBJ1	16.15	After	Interior Girder 4	16.15	0.95	1	1	1.34253
HL93_str_inv	BOBJ1	16.15	After	Interior Girder 5	16.15	0.95	1	1	1.387865
HL93_str_inv	BOBJ1	16.15	After	Interior Girder 6	16.15	0.95	1	1	1.475382
HL93_str_inv	BOBJ1	16.15	After	Right Exterior Girder	16.15	0.95	1	1	1.701399
HL93_str_inv	BOBJ1	22.1267	Before	Left Exterior Girder	22.1267	0.95	1	1	1.868459
HL93_str_inv	BOBJ1	22.1267	Before	Interior Girder 1	22.1267	0.95	1	1	1.431996
HL93_str_inv	BOBJ1	22.1267	Before	Interior Girder 2	22.1267	0.95	1	1	1.360381
HL93_str_inv	BOBJ1	22.1267	Before	Interior Girder 3	22.1267	0.95	1	1	1.299449
HL93_str_inv	BOBJ1	22.1267	Before	Interior Girder 4	22.1267	0.95	1	1	1.299449
HL93_str_inv	BOBJ1	22.1267	Before	Interior Girder 5	22.1267	0.95	1	1	1.360381
HL93_str_inv	BOBJ1	22.1267	Before	Interior Girder 6	22.1267	0.95	1	1	1.431996
HL93_str_inv	BOBJ1	22.1267	Before	Right Exterior Girder	22.1267	0.95	1	1	1.868459
HL93_str_inv	BOBJ1	22.1267	After	Left Exterior Girder	22.1267	0.95	1	1	1.883151
HL93_str_inv	BOBJ1	22.1267	After	Interior Girder 1	22.1267	0.95	1	1	1.428186
HL93_str_inv	BOBJ1	22.1267	After	Interior Girder 2	22.1267	0.95	1	1	1.354382
HL93_str_inv	BOBJ1	22.1267	After	Interior Girder 3	22.1267	0.95	1	1	1.290952
HL93_str_inv	BOBJ1	22.1267	After	Interior Girder 4	22.1267	0.95	1	1	1.290952
HL93_str_inv	BOBJ1	22.1267	After	Interior Girder 5	22.1267	0.95	1	1	1.354382
HL93_str_inv	BOBJ1	22.1267	After	Interior Girder 6	22.1267	0.95	1	1	1.428186
HL93_str_inv	BOBJ1	22.1267	After	Right Exterior Girder	22.1267	0.95	1	1	1.883151
HL93_str_inv	BOBJ1	28.1033	Before	Left Exterior Girder	28.1033	0.95	1	1	2.348297
HL93_str_inv	BOBJ1	28.1033	Before	Interior Girder 1	28.1033	0.95	1	1	1.692049
HL93_str_inv	BOBJ1	28.1033	Before	Interior Girder 2	28.1033	0.95	1	1	1.609725
HL93_str_inv	BOBJ1	28.1033	Before	Interior Girder 3	28.1033	0.95	1	1	1.546831
HL93_str_inv	BOBJ1	28.1033	Before	Interior Girder 4	28.1033	0.95	1	1	1.546831
HL93_str_inv	BOBJ1	28.1033	Before	Interior Girder 5	28.1033	0.95	1	1	1.609725
HL93_str_inv	BOBJ1	28.1033	Before	Interior Girder 6	28.1033	0.95	1	1	1.692049
HL93_str_inv	BOBJ1	28.1033	Before	Right Exterior Girder	28.1033	0.95	1	1	2.348297
HL93_str_inv	BOBJ1	28.1033	After	Left Exterior Girder	28.1033	0.95	1	1	2.315031
HL93_str_inv	BOBJ1	28.1033	After	Interior Girder 1	28.1033	0.95	1	1	1.706378
HL93_str_inv	BOBJ1	28.1033	After	Interior Girder 2	28.1033	0.95	1	1	1.609846

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelINonCompStrgth-Flx - Approach, Span 16-19									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
HL93_str_inv	BOBJ1	28.1033	After	Interior Girder 3	28.1033	0.95	1	1	1.532059
HL93_str_inv	BOBJ1	28.1033	After	Interior Girder 4	28.1033	0.95	1	1	1.532059
HL93_str_inv	BOBJ1	28.1033	After	Interior Girder 5	28.1033	0.95	1	1	1.609846
HL93_str_inv	BOBJ1	28.1033	After	Interior Girder 6	28.1033	0.95	1	1	1.706378
HL93_str_inv	BOBJ1	28.1033	After	Right Exterior Girder	28.1033	0.95	1	1	2.315031
HL93_str_inv	BOBJ1	34.08	Before	Left Exterior Girder	34.08	0.95	1	1	2.466496
HL93_str_inv	BOBJ1	34.08	Before	Interior Girder 1	34.08	0.95	1	1	2.471228
HL93_str_inv	BOBJ1	34.08	Before	Interior Girder 2	34.08	0.95	1	1	2.461575
HL93_str_inv	BOBJ1	34.08	Before	Interior Girder 3	34.08	0.95	1	1	2.548094
HL93_str_inv	BOBJ1	34.08	Before	Interior Girder 4	34.08	0.95	1	1	2.548094
HL93_str_inv	BOBJ1	34.08	Before	Interior Girder 5	34.08	0.95	1	1	2.461575
HL93_str_inv	BOBJ1	34.08	Before	Interior Girder 6	34.08	0.95	1	1	2.471228
HL93_str_inv	BOBJ1	34.08	Before	Right Exterior Girder	34.08	0.95	1	1	2.466496
HL93_str_inv	BOBJ1	34.08	After	Left Exterior Girder	34.08	0.95	1	1	2.342394
HL93_str_inv	BOBJ1	34.08	After	Interior Girder 1	34.08	0.95	1	1	2.444847
HL93_str_inv	BOBJ1	34.08	After	Interior Girder 2	34.08	0.95	1	1	2.445999
HL93_str_inv	BOBJ1	34.08	After	Interior Girder 3	34.08	0.95	1	1	2.514303
HL93_str_inv	BOBJ1	34.08	After	Interior Girder 4	34.08	0.95	1	1	2.514303
HL93_str_inv	BOBJ1	34.08	After	Interior Girder 5	34.08	0.95	1	1	2.445999
HL93_str_inv	BOBJ1	34.08	After	Interior Girder 6	34.08	0.95	1	1	2.444847
HL93_str_inv	BOBJ1	34.08	After	Right Exterior Girder	34.08	0.95	1	1	2.342394
HL93_str_inv	BOBJ1	39.855	Before	Left Exterior Girder	39.855	0.95	1	1	1.46462
HL93_str_inv	BOBJ1	39.855	Before	Interior Girder 1	39.855	0.95	1	1	1.782434
HL93_str_inv	BOBJ1	39.855	Before	Interior Girder 2	39.855	0.95	1	1	1.758796
HL93_str_inv	BOBJ1	39.855	Before	Interior Girder 3	39.855	0.95	1	1	1.699826
HL93_str_inv	BOBJ1	39.855	Before	Interior Girder 4	39.855	0.95	1	1	1.699826
HL93_str_inv	BOBJ1	39.855	Before	Interior Girder 5	39.855	0.95	1	1	1.758796
HL93_str_inv	BOBJ1	39.855	Before	Interior Girder 6	39.855	0.95	1	1	1.782434
HL93_str_inv	BOBJ1	39.855	Before	Right Exterior Girder	39.855	0.95	1	1	1.46462
HL93_str_inv	BOBJ1	39.855	After	Left Exterior Girder	39.855	0.95	1	1	1.496246
HL93_str_inv	BOBJ1	39.855	After	Interior Girder 1	39.855	0.95	1	1	1.751512
HL93_str_inv	BOBJ1	39.855	After	Interior Girder 2	39.855	0.95	1	1	1.744374
HL93_str_inv	BOBJ1	39.855	After	Interior Girder 3	39.855	0.95	1	1	1.699152
HL93_str_inv	BOBJ1	39.855	After	Interior Girder 4	39.855	0.95	1	1	1.699152
HL93_str_inv	BOBJ1	39.855	After	Interior Girder 5	39.855	0.95	1	1	1.744374
HL93_str_inv	BOBJ1	39.855	After	Interior Girder 6	39.855	0.95	1	1	1.751512
HL93_str_inv	BOBJ1	39.855	After	Right Exterior Girder	39.855	0.95	1	1	1.496246
HL93_str_inv	BOBJ1	40.0288	Before	Left Exterior Girder	40.0288	0.95	1	1	1.460947
HL93_str_inv	BOBJ1	40.0288	Before	Right Exterior Girder	40.0288	0.95	1	1	1.460947
HL93_str_inv	BOBJ1	40.0288	After	Left Exterior Girder	40.0288	0.95	1	1	2.164471
HL93_str_inv	BOBJ1	40.0288	After	Right Exterior Girder	40.0288	0.95	1	1	2.164471
HL93_str_inv	BOBJ1	45.63	Before	Left Exterior Girder	45.63	0.95	1	1	1.275384
HL93_str_inv	BOBJ1	45.63	Before	Interior Girder 1	45.63	0.95	1	1	1.108827
HL93_str_inv	BOBJ1	45.63	Before	Interior Girder 2	45.63	0.95	1	1	1.10183
HL93_str_inv	BOBJ1	45.63	Before	Interior Girder 3	45.63	0.95	1	1	0.908025
HL93_str_inv	BOBJ1	45.63	Before	Interior Girder 4	45.63	0.95	1	1	0.908025
HL93_str_inv	BOBJ1	45.63	Before	Interior Girder 5	45.63	0.95	1	1	1.10183
HL93_str_inv	BOBJ1	45.63	Before	Interior Girder 6	45.63	0.95	1	1	1.108827
HL93_str_inv	BOBJ1	45.63	Before	Right Exterior Girder	45.63	0.95	1	1	1.275384
HL93_str_inv	BOBJ1	45.63	After	Left Exterior Girder	0	0.95	1	1	1.262719
HL93_str_inv	BOBJ1	45.63	After	Interior Girder 1	0	0.95	1	1	1.037476
HL93_str_inv	BOBJ1	45.63	After	Interior Girder 2	0	0.95	1	1	1.039416
HL93_str_inv	BOBJ1	45.63	After	Interior Girder 3	0	0.95	1	1	0.851892
HL93_str_inv	BOBJ1	45.63	After	Interior Girder 4	0	0.95	1	1	0.851892
HL93_str_inv	BOBJ1	45.63	After	Interior Girder 5	0	0.95	1	1	1.039416
HL93_str_inv	BOBJ1	45.63	After	Interior Girder 6	0	0.95	1	1	1.037476
HL93_str_inv	BOBJ1	45.63	After	Right Exterior Girder	0	0.95	1	1	1.262719
HL93_str_inv	BOBJ1	50.6298	Before	Left Exterior Girder	4.9998	0.95	1	1	3.407442
HL93_str_inv	BOBJ1	50.6298	Before	Right Exterior Girder	4.9998	0.95	1	1	3.407442
HL93_str_inv	BOBJ1	50.6298	After	Left Exterior Girder	4.9998	0.95	1	1	2.18613
HL93_str_inv	BOBJ1	50.6298	After	Right Exterior Girder	4.9998	0.95	1	1	2.18613
HL93_str_inv	BOBJ1	51.4	Before	Left Exterior Girder	5.77	0.95	1	1	2.654185
HL93_str_inv	BOBJ1	51.4	Before	Interior Girder 1	5.77	0.95	1	1	2.741382
HL93_str_inv	BOBJ1	51.4	Before	Interior Girder 2	5.77	0.95	1	1	2.612186
HL93_str_inv	BOBJ1	51.4	Before	Interior Girder 3	5.77	0.95	1	1	2.421234

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelINonCompStrgth-Flx - Approach, Span 16-19									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
HL93_str_inv	BOBJ1	51.4	Before	Interior Girder 4	5.77	0.95	1	1	2.421234
HL93_str_inv	BOBJ1	51.4	Before	Interior Girder 5	5.77	0.95	1	1	2.612186
HL93_str_inv	BOBJ1	51.4	Before	Interior Girder 6	5.77	0.95	1	1	2.741382
HL93_str_inv	BOBJ1	51.4	Before	Right Exterior Girder	5.77	0.95	1	1	2.654185
HL93_str_inv	BOBJ1	51.4	After	Left Exterior Girder	5.77	0.95	1	1	2.585455
HL93_str_inv	BOBJ1	51.4	After	Interior Girder 1	5.77	0.95	1	1	2.797809
HL93_str_inv	BOBJ1	51.4	After	Interior Girder 2	5.77	0.95	1	1	2.608308
HL93_str_inv	BOBJ1	51.4	After	Interior Girder 3	5.77	0.95	1	1	2.392432
HL93_str_inv	BOBJ1	51.4	After	Interior Girder 4	5.77	0.95	1	1	2.392432
HL93_str_inv	BOBJ1	51.4	After	Interior Girder 5	5.77	0.95	1	1	2.608308
HL93_str_inv	BOBJ1	51.4	After	Interior Girder 6	5.77	0.95	1	1	2.797809
HL93_str_inv	BOBJ1	51.4	After	Right Exterior Girder	5.77	0.95	1	1	2.585455
HL93_str_inv	BOBJ1	57.17	Before	Left Exterior Girder	11.54	0.95	1	1	4.6743
HL93_str_inv	BOBJ1	57.17	Before	Interior Girder 1	11.54	0.95	1	1	3.632351
HL93_str_inv	BOBJ1	57.17	Before	Interior Girder 2	11.54	0.95	1	1	3.113638
HL93_str_inv	BOBJ1	57.17	Before	Interior Girder 3	11.54	0.95	1	1	2.961634
HL93_str_inv	BOBJ1	57.17	Before	Interior Girder 4	11.54	0.95	1	1	2.961634
HL93_str_inv	BOBJ1	57.17	Before	Interior Girder 5	11.54	0.95	1	1	3.113638
HL93_str_inv	BOBJ1	57.17	Before	Interior Girder 6	11.54	0.95	1	1	3.632351
HL93_str_inv	BOBJ1	57.17	Before	Right Exterior Girder	11.54	0.95	1	1	4.6743
HL93_str_inv	BOBJ1	57.17	After	Left Exterior Girder	11.54	0.95	1	1	4.752534
HL93_str_inv	BOBJ1	57.17	After	Interior Girder 1	11.54	0.95	1	1	3.58592
HL93_str_inv	BOBJ1	57.17	After	Interior Girder 2	11.54	0.95	1	1	3.088073
HL93_str_inv	BOBJ1	57.17	After	Interior Girder 3	11.54	0.95	1	1	3.00192
HL93_str_inv	BOBJ1	57.17	After	Interior Girder 4	11.54	0.95	1	1	3.00192
HL93_str_inv	BOBJ1	57.17	After	Interior Girder 5	11.54	0.95	1	1	3.088073
HL93_str_inv	BOBJ1	57.17	After	Interior Girder 6	11.54	0.95	1	1	3.58592
HL93_str_inv	BOBJ1	57.17	After	Right Exterior Girder	11.54	0.95	1	1	4.752534
HL93_str_inv	BOBJ1	63.34	Before	Left Exterior Girder	17.71	0.95	1	1	2.202299
HL93_str_inv	BOBJ1	63.34	Before	Interior Girder 1	17.71	0.95	1	1	1.677697
HL93_str_inv	BOBJ1	63.34	Before	Interior Girder 2	17.71	0.95	1	1	1.582475
HL93_str_inv	BOBJ1	63.34	Before	Interior Girder 3	17.71	0.95	1	1	1.51254
HL93_str_inv	BOBJ1	63.34	Before	Interior Girder 4	17.71	0.95	1	1	1.51254
HL93_str_inv	BOBJ1	63.34	Before	Interior Girder 5	17.71	0.95	1	1	1.582475
HL93_str_inv	BOBJ1	63.34	Before	Interior Girder 6	17.71	0.95	1	1	1.677697
HL93_str_inv	BOBJ1	63.34	Before	Right Exterior Girder	17.71	0.95	1	1	2.202299
HL93_str_inv	BOBJ1	63.34	After	Left Exterior Girder	17.71	0.95	1	1	2.271616
HL93_str_inv	BOBJ1	63.34	After	Interior Girder 1	17.71	0.95	1	1	1.648199
HL93_str_inv	BOBJ1	63.34	After	Interior Girder 2	17.71	0.95	1	1	1.576935
HL93_str_inv	BOBJ1	63.34	After	Interior Girder 3	17.71	0.95	1	1	1.535313
HL93_str_inv	BOBJ1	63.34	After	Interior Girder 4	17.71	0.95	1	1	1.535313
HL93_str_inv	BOBJ1	63.34	After	Interior Girder 5	17.71	0.95	1	1	1.576935
HL93_str_inv	BOBJ1	63.34	After	Interior Girder 6	17.71	0.95	1	1	1.648199
HL93_str_inv	BOBJ1	63.34	After	Right Exterior Girder	17.71	0.95	1	1	2.271616
HL93_str_inv	BOBJ1	69.51	Before	Left Exterior Girder	23.88	0.95	1	1	1.358322
HL93_str_inv	BOBJ1	69.51	Before	Interior Girder 1	23.88	0.95	1	1	1.143982
HL93_str_inv	BOBJ1	69.51	Before	Interior Girder 2	23.88	0.95	1	1	1.110229
HL93_str_inv	BOBJ1	69.51	Before	Interior Girder 3	23.88	0.95	1	1	1.089639
HL93_str_inv	BOBJ1	69.51	Before	Interior Girder 4	23.88	0.95	1	1	1.089639
HL93_str_inv	BOBJ1	69.51	Before	Interior Girder 5	23.88	0.95	1	1	1.110229
HL93_str_inv	BOBJ1	69.51	Before	Interior Girder 6	23.88	0.95	1	1	1.143982
HL93_str_inv	BOBJ1	69.51	Before	Right Exterior Girder	23.88	0.95	1	1	1.358322
HL93_str_inv	BOBJ1	69.51	After	Left Exterior Girder	23.88	0.95	1	1	1.367211
HL93_str_inv	BOBJ1	69.51	After	Interior Girder 1	23.88	0.95	1	1	1.143478
HL93_str_inv	BOBJ1	69.51	After	Interior Girder 2	23.88	0.95	1	1	1.115893
HL93_str_inv	BOBJ1	69.51	After	Interior Girder 3	23.88	0.95	1	1	1.102019
HL93_str_inv	BOBJ1	69.51	After	Interior Girder 4	23.88	0.95	1	1	1.102019
HL93_str_inv	BOBJ1	69.51	After	Interior Girder 5	23.88	0.95	1	1	1.115893
HL93_str_inv	BOBJ1	69.51	After	Interior Girder 6	23.88	0.95	1	1	1.143478
HL93_str_inv	BOBJ1	69.51	After	Right Exterior Girder	23.88	0.95	1	1	1.367211
HL93_str_inv	BOBJ1	75.68	Before	Left Exterior Girder	30.05	0.95	1	1	1.025107
HL93_str_inv	BOBJ1	75.68	Before	Interior Girder 1	30.05	0.95	1	1	1.005441
HL93_str_inv	BOBJ1	75.68	Before	Interior Girder 2	30.05	0.95	1	1	0.989739
HL93_str_inv	BOBJ1	75.68	Before	Interior Girder 3	30.05	0.95	1	1	0.991884
HL93_str_inv	BOBJ1	75.68	Before	Interior Girder 4	30.05	0.95	1	1	0.991884

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelINonCompStrgth-Flx - Approach, Span 16-19									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
HL93_str_inv	BOBJ1	75.68	Before	Interior Girder 5	30.05	0.95	1	1	0.989739
HL93_str_inv	BOBJ1	75.68	Before	Interior Girder 6	30.05	0.95	1	1	1.005441
HL93_str_inv	BOBJ1	75.68	Before	Right Exterior Girder	30.05	0.95	1	1	1.025107
HL93_str_inv	BOBJ1	75.68	After	Left Exterior Girder	30.05	0.95	1	1	1.031655
HL93_str_inv	BOBJ1	75.68	After	Interior Girder 1	30.05	0.95	1	1	1.00193
HL93_str_inv	BOBJ1	75.68	After	Interior Girder 2	30.05	0.95	1	1	0.98764
HL93_str_inv	BOBJ1	75.68	After	Interior Girder 3	30.05	0.95	1	1	0.993319
HL93_str_inv	BOBJ1	75.68	After	Interior Girder 4	30.05	0.95	1	1	0.993319
HL93_str_inv	BOBJ1	75.68	After	Interior Girder 5	30.05	0.95	1	1	0.98764
HL93_str_inv	BOBJ1	75.68	After	Interior Girder 6	30.05	0.95	1	1	1.00193
HL93_str_inv	BOBJ1	75.68	After	Right Exterior Girder	30.05	0.95	1	1	1.031655
HL93_str_inv	BOBJ1	81.8467	Before	Left Exterior Girder	36.2167	0.95	1	1	1.064917
HL93_str_inv	BOBJ1	81.8467	Before	Interior Girder 1	36.2167	0.95	1	1	0.941646
HL93_str_inv	BOBJ1	81.8467	Before	Interior Girder 2	36.2167	0.95	1	1	0.931159
HL93_str_inv	BOBJ1	81.8467	Before	Interior Girder 3	36.2167	0.95	1	1	0.922885
HL93_str_inv	BOBJ1	81.8467	Before	Interior Girder 4	36.2167	0.95	1	1	0.922885
HL93_str_inv	BOBJ1	81.8467	Before	Interior Girder 5	36.2167	0.95	1	1	0.931159
HL93_str_inv	BOBJ1	81.8467	Before	Interior Girder 6	36.2167	0.95	1	1	0.941646
HL93_str_inv	BOBJ1	81.8467	Before	Right Exterior Girder	36.2167	0.95	1	1	1.064917
HL93_str_inv	BOBJ1	81.8467	After	Left Exterior Girder	36.2167	0.95	1	1	1.068125
HL93_str_inv	BOBJ1	81.8467	After	Interior Girder 1	36.2167	0.95	1	1	0.936388
HL93_str_inv	BOBJ1	81.8467	After	Interior Girder 2	36.2167	0.95	1	1	0.927212
HL93_str_inv	BOBJ1	81.8467	After	Interior Girder 3	36.2167	0.95	1	1	0.916715
HL93_str_inv	BOBJ1	81.8467	After	Interior Girder 4	36.2167	0.95	1	1	0.916715
HL93_str_inv	BOBJ1	81.8467	After	Interior Girder 5	36.2167	0.95	1	1	0.927212
HL93_str_inv	BOBJ1	81.8467	After	Interior Girder 6	36.2167	0.95	1	1	0.936388
HL93_str_inv	BOBJ1	81.8467	After	Right Exterior Girder	36.2167	0.95	1	1	1.068125
HL93_str_inv	BOBJ1	88.0133	Before	Left Exterior Girder	42.3833	0.95	1	1	1.286006
HL93_str_inv	BOBJ1	88.0133	Before	Interior Girder 1	42.3833	0.95	1	1	1.06955
HL93_str_inv	BOBJ1	88.0133	Before	Interior Girder 2	42.3833	0.95	1	1	1.053175
HL93_str_inv	BOBJ1	88.0133	Before	Interior Girder 3	42.3833	0.95	1	1	1.037756
HL93_str_inv	BOBJ1	88.0133	Before	Interior Girder 4	42.3833	0.95	1	1	1.037756
HL93_str_inv	BOBJ1	88.0133	Before	Interior Girder 5	42.3833	0.95	1	1	1.053175
HL93_str_inv	BOBJ1	88.0133	Before	Interior Girder 6	42.3833	0.95	1	1	1.06955
HL93_str_inv	BOBJ1	88.0133	Before	Right Exterior Girder	42.3833	0.95	1	1	1.286006
HL93_str_inv	BOBJ1	88.0133	After	Left Exterior Girder	42.3833	0.95	1	1	1.256295
HL93_str_inv	BOBJ1	88.0133	After	Interior Girder 1	42.3833	0.95	1	1	1.082954
HL93_str_inv	BOBJ1	88.0133	After	Interior Girder 2	42.3833	0.95	1	1	1.05834
HL93_str_inv	BOBJ1	88.0133	After	Interior Girder 3	42.3833	0.95	1	1	1.03182
HL93_str_inv	BOBJ1	88.0133	After	Interior Girder 4	42.3833	0.95	1	1	1.03182
HL93_str_inv	BOBJ1	88.0133	After	Interior Girder 5	42.3833	0.95	1	1	1.05834
HL93_str_inv	BOBJ1	88.0133	After	Interior Girder 6	42.3833	0.95	1	1	1.082954
HL93_str_inv	BOBJ1	88.0133	After	Right Exterior Girder	42.3833	0.95	1	1	1.256295
HL93_str_inv	BOBJ1	94.18	Before	Left Exterior Girder	48.55	0.95	1	1	1.763053
HL93_str_inv	BOBJ1	94.18	Before	Interior Girder 1	48.55	0.95	1	1	1.619901
HL93_str_inv	BOBJ1	94.18	Before	Interior Girder 2	48.55	0.95	1	1	1.510755
HL93_str_inv	BOBJ1	94.18	Before	Interior Girder 3	48.55	0.95	1	1	1.499371
HL93_str_inv	BOBJ1	94.18	Before	Interior Girder 4	48.55	0.95	1	1	1.499371
HL93_str_inv	BOBJ1	94.18	Before	Interior Girder 5	48.55	0.95	1	1	1.510755
HL93_str_inv	BOBJ1	94.18	Before	Interior Girder 6	48.55	0.95	1	1	1.619901
HL93_str_inv	BOBJ1	94.18	Before	Right Exterior Girder	48.55	0.95	1	1	1.763053
HL93_str_inv	BOBJ1	94.18	After	Left Exterior Girder	48.55	0.95	1	1	1.725781
HL93_str_inv	BOBJ1	94.18	After	Interior Girder 1	48.55	0.95	1	1	1.638618
HL93_str_inv	BOBJ1	94.18	After	Interior Girder 2	48.55	0.95	1	1	1.517977
HL93_str_inv	BOBJ1	94.18	After	Interior Girder 3	48.55	0.95	1	1	1.484864
HL93_str_inv	BOBJ1	94.18	After	Interior Girder 4	48.55	0.95	1	1	1.484864
HL93_str_inv	BOBJ1	94.18	After	Interior Girder 5	48.55	0.95	1	1	1.517977
HL93_str_inv	BOBJ1	94.18	After	Interior Girder 6	48.55	0.95	1	1	1.638618
HL93_str_inv	BOBJ1	94.18	After	Right Exterior Girder	48.55	0.95	1	1	1.725781
HL93_str_inv	BOBJ1	100.3567	Before	Left Exterior Girder	54.7267	0.95	1	1	3.421336
HL93_str_inv	BOBJ1	100.3567	Before	Interior Girder 1	54.7267	0.95	1	1	2.688146
HL93_str_inv	BOBJ1	100.3567	Before	Interior Girder 2	54.7267	0.95	1	1	2.462787
HL93_str_inv	BOBJ1	100.3567	Before	Interior Girder 3	54.7267	0.95	1	1	2.454669
HL93_str_inv	BOBJ1	100.3567	Before	Interior Girder 4	54.7267	0.95	1	1	2.454669
HL93_str_inv	BOBJ1	100.3567	Before	Interior Girder 5	54.7267	0.95	1	1	2.462787

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelINonCompStrgth-Flx - Approach, Span 16-19									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
HL93_str_inv	BOBJ1	100.3567	Before	Interior Girder 6	54.7267	0.95	1	1	2.688146
HL93_str_inv	BOBJ1	100.3567	Before	Right Exterior Girder	54.7267	0.95	1	1	3.421336
HL93_str_inv	BOBJ1	100.3567	After	Left Exterior Girder	54.7267	0.95	1	1	3.490085
HL93_str_inv	BOBJ1	100.3567	After	Interior Girder 1	54.7267	0.95	1	1	2.683716
HL93_str_inv	BOBJ1	100.3567	After	Interior Girder 2	54.7267	0.95	1	1	2.458895
HL93_str_inv	BOBJ1	100.3567	After	Interior Girder 3	54.7267	0.95	1	1	2.380672
HL93_str_inv	BOBJ1	100.3567	After	Interior Girder 4	54.7267	0.95	1	1	2.380672
HL93_str_inv	BOBJ1	100.3567	After	Interior Girder 5	54.7267	0.95	1	1	2.458895
HL93_str_inv	BOBJ1	100.3567	After	Interior Girder 6	54.7267	0.95	1	1	2.683716
HL93_str_inv	BOBJ1	100.3567	After	Right Exterior Girder	54.7267	0.95	1	1	3.490085
HL93_str_inv	BOBJ1	106.5333	Before	Left Exterior Girder	60.9033	0.95	1	1	1.945471
HL93_str_inv	BOBJ1	106.5333	Before	Interior Girder 1	60.9033	0.95	1	1	2.486002
HL93_str_inv	BOBJ1	106.5333	Before	Interior Girder 2	60.9033	0.95	1	1	2.35222
HL93_str_inv	BOBJ1	106.5333	Before	Interior Girder 3	60.9033	0.95	1	1	2.207545
HL93_str_inv	BOBJ1	106.5333	Before	Interior Girder 4	60.9033	0.95	1	1	2.207545
HL93_str_inv	BOBJ1	106.5333	Before	Interior Girder 5	60.9033	0.95	1	1	2.35222
HL93_str_inv	BOBJ1	106.5333	Before	Interior Girder 6	60.9033	0.95	1	1	2.486002
HL93_str_inv	BOBJ1	106.5333	Before	Right Exterior Girder	60.9033	0.95	1	1	1.945471
HL93_str_inv	BOBJ1	106.5333	After	Left Exterior Girder	60.9033	0.95	1	1	2.007808
HL93_str_inv	BOBJ1	106.5333	After	Interior Girder 1	60.9033	0.95	1	1	2.420824
HL93_str_inv	BOBJ1	106.5333	After	Interior Girder 2	60.9033	0.95	1	1	2.314976
HL93_str_inv	BOBJ1	106.5333	After	Interior Girder 3	60.9033	0.95	1	1	2.180899
HL93_str_inv	BOBJ1	106.5333	After	Interior Girder 4	60.9033	0.95	1	1	2.180899
HL93_str_inv	BOBJ1	106.5333	After	Interior Girder 5	60.9033	0.95	1	1	2.314976
HL93_str_inv	BOBJ1	106.5333	After	Interior Girder 6	60.9033	0.95	1	1	2.420824
HL93_str_inv	BOBJ1	106.5333	After	Right Exterior Girder	60.9033	0.95	1	1	2.007808
HL93_str_inv	BOBJ1	108.2102	Before	Left Exterior Girder	62.5802	0.95	1	1	1.562476
HL93_str_inv	BOBJ1	108.2102	Before	Right Exterior Girder	62.5802	0.95	1	1	1.562476
HL93_str_inv	BOBJ1	108.2102	After	Left Exterior Girder	62.5802	0.95	1	1	2.439723
HL93_str_inv	BOBJ1	108.2102	After	Right Exterior Girder	62.5802	0.95	1	1	2.439723
HL93_str_inv	BOBJ1	112.71	Before	Left Exterior Girder	67.08	0.95	1	1	1.104266
HL93_str_inv	BOBJ1	112.71	Before	Interior Girder 1	67.08	0.95	1	1	1.029312
HL93_str_inv	BOBJ1	112.71	Before	Interior Girder 2	67.08	0.95	1	1	1.025824
HL93_str_inv	BOBJ1	112.71	Before	Interior Girder 3	67.08	0.95	1	1	0.864118
HL93_str_inv	BOBJ1	112.71	Before	Interior Girder 4	67.08	0.95	1	1	0.864118
HL93_str_inv	BOBJ1	112.71	Before	Interior Girder 5	67.08	0.95	1	1	1.025824
HL93_str_inv	BOBJ1	112.71	Before	Interior Girder 6	67.08	0.95	1	1	1.029312
HL93_str_inv	BOBJ1	112.71	Before	Right Exterior Girder	67.08	0.95	1	1	1.104266
HL93_str_inv	BOBJ1	112.71	After	Left Exterior Girder	0	0.95	1	1	1.102379
HL93_str_inv	BOBJ1	112.71	After	Interior Girder 1	0	0.95	1	1	1.09612
HL93_str_inv	BOBJ1	112.71	After	Interior Girder 2	0	0.95	1	1	1.075749
HL93_str_inv	BOBJ1	112.71	After	Interior Girder 3	0	0.95	1	1	0.902597
HL93_str_inv	BOBJ1	112.71	After	Interior Girder 4	0	0.95	1	1	0.902597
HL93_str_inv	BOBJ1	112.71	After	Interior Girder 5	0	0.95	1	1	1.075749
HL93_str_inv	BOBJ1	112.71	After	Interior Girder 6	0	0.95	1	1	1.09612
HL93_str_inv	BOBJ1	112.71	After	Right Exterior Girder	0	0.95	1	1	1.102379
HL93_str_inv	BOBJ1	117.21	Before	Left Exterior Girder	4.5	0.95	1	1	1.770309
HL93_str_inv	BOBJ1	117.21	Before	Right Exterior Girder	4.5	0.95	1	1	1.770309
HL93_str_inv	BOBJ1	117.21	After	Left Exterior Girder	4.5	0.95	1	1	1.126038
HL93_str_inv	BOBJ1	117.21	After	Right Exterior Girder	4.5	0.95	1	1	1.126038
HL93_str_inv	BOBJ1	119.1	Before	Left Exterior Girder	6.39	0.95	1	1	1.424478
HL93_str_inv	BOBJ1	119.1	Before	Interior Girder 1	6.39	0.95	1	1	1.880028
HL93_str_inv	BOBJ1	119.1	Before	Interior Girder 2	6.39	0.95	1	1	1.857315
HL93_str_inv	BOBJ1	119.1	Before	Interior Girder 3	6.39	0.95	1	1	1.801118
HL93_str_inv	BOBJ1	119.1	Before	Interior Girder 4	6.39	0.95	1	1	1.801118
HL93_str_inv	BOBJ1	119.1	Before	Interior Girder 5	6.39	0.95	1	1	1.857315
HL93_str_inv	BOBJ1	119.1	Before	Interior Girder 6	6.39	0.95	1	1	1.880028
HL93_str_inv	BOBJ1	119.1	Before	Right Exterior Girder	6.39	0.95	1	1	1.424478
HL93_str_inv	BOBJ1	119.1	After	Left Exterior Girder	6.39	0.95	1	1	1.389619
HL93_str_inv	BOBJ1	119.1	After	Interior Girder 1	6.39	0.95	1	1	1.925432
HL93_str_inv	BOBJ1	119.1	After	Interior Girder 2	6.39	0.95	1	1	1.879511
HL93_str_inv	BOBJ1	119.1	After	Interior Girder 3	6.39	0.95	1	1	1.816424
HL93_str_inv	BOBJ1	119.1	After	Interior Girder 4	6.39	0.95	1	1	1.816424
HL93_str_inv	BOBJ1	119.1	After	Interior Girder 5	6.39	0.95	1	1	1.879511
HL93_str_inv	BOBJ1	119.1	After	Interior Girder 6	6.39	0.95	1	1	1.925432

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelINonCompStrgth-Flx - Approach, Span 16-19									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
HL93_str_inv	BOBJ1	119.1	After	Right Exterior Girder	6.39	0.95	1	1	1.389619
HL93_str_inv	BOBJ1	125.49	Before	Left Exterior Girder	12.78	0.95	1	1	2.307043
HL93_str_inv	BOBJ1	125.49	Before	Interior Girder 1	12.78	0.95	1	1	2.5927
HL93_str_inv	BOBJ1	125.49	Before	Interior Girder 2	12.78	0.95	1	1	2.385855
HL93_str_inv	BOBJ1	125.49	Before	Interior Girder 3	12.78	0.95	1	1	2.327926
HL93_str_inv	BOBJ1	125.49	Before	Interior Girder 4	12.78	0.95	1	1	2.327926
HL93_str_inv	BOBJ1	125.49	Before	Interior Girder 5	12.78	0.95	1	1	2.385855
HL93_str_inv	BOBJ1	125.49	Before	Interior Girder 6	12.78	0.95	1	1	2.5927
HL93_str_inv	BOBJ1	125.49	Before	Right Exterior Girder	12.78	0.95	1	1	2.307043
HL93_str_inv	BOBJ1	125.49	After	Left Exterior Girder	12.78	0.95	1	1	2.275975
HL93_str_inv	BOBJ1	125.49	After	Interior Girder 1	12.78	0.95	1	1	2.609157
HL93_str_inv	BOBJ1	125.49	After	Interior Girder 2	12.78	0.95	1	1	2.40307
HL93_str_inv	BOBJ1	125.49	After	Interior Girder 3	12.78	0.95	1	1	2.379225
HL93_str_inv	BOBJ1	125.49	After	Interior Girder 4	12.78	0.95	1	1	2.379225
HL93_str_inv	BOBJ1	125.49	After	Interior Girder 5	12.78	0.95	1	1	2.40307
HL93_str_inv	BOBJ1	125.49	After	Interior Girder 6	12.78	0.95	1	1	2.609157
HL93_str_inv	BOBJ1	125.49	After	Right Exterior Girder	12.78	0.95	1	1	2.275975
HL93_str_inv	BOBJ1	131.88	Before	Left Exterior Girder	19.17	0.95	1	1	1.948613
HL93_str_inv	BOBJ1	131.88	Before	Interior Girder 1	19.17	0.95	1	1	1.831468
HL93_str_inv	BOBJ1	131.88	Before	Interior Girder 2	19.17	0.95	1	1	1.674378
HL93_str_inv	BOBJ1	131.88	Before	Interior Girder 3	19.17	0.95	1	1	1.615659
HL93_str_inv	BOBJ1	131.88	Before	Interior Girder 4	19.17	0.95	1	1	1.615659
HL93_str_inv	BOBJ1	131.88	Before	Interior Girder 5	19.17	0.95	1	1	1.674378
HL93_str_inv	BOBJ1	131.88	Before	Interior Girder 6	19.17	0.95	1	1	1.831468
HL93_str_inv	BOBJ1	131.88	Before	Right Exterior Girder	19.17	0.95	1	1	1.948613
HL93_str_inv	BOBJ1	131.88	After	Left Exterior Girder	19.17	0.95	1	1	1.965042
HL93_str_inv	BOBJ1	131.88	After	Interior Girder 1	19.17	0.95	1	1	1.822463
HL93_str_inv	BOBJ1	131.88	After	Interior Girder 2	19.17	0.95	1	1	1.670128
HL93_str_inv	BOBJ1	131.88	After	Interior Girder 3	19.17	0.95	1	1	1.627856
HL93_str_inv	BOBJ1	131.88	After	Interior Girder 4	19.17	0.95	1	1	1.627856
HL93_str_inv	BOBJ1	131.88	After	Interior Girder 5	19.17	0.95	1	1	1.670128
HL93_str_inv	BOBJ1	131.88	After	Interior Girder 6	19.17	0.95	1	1	1.822463
HL93_str_inv	BOBJ1	131.88	After	Right Exterior Girder	19.17	0.95	1	1	1.965042
HL93_str_inv	BOBJ1	138.27	Before	Left Exterior Girder	25.56	0.95	1	1	1.731035
HL93_str_inv	BOBJ1	138.27	Before	Interior Girder 1	25.56	0.95	1	1	1.411253
HL93_str_inv	BOBJ1	138.27	Before	Interior Girder 2	25.56	0.95	1	1	1.34038
HL93_str_inv	BOBJ1	138.27	Before	Interior Girder 3	25.56	0.95	1	1	1.279121
HL93_str_inv	BOBJ1	138.27	Before	Interior Girder 4	25.56	0.95	1	1	1.279121
HL93_str_inv	BOBJ1	138.27	Before	Interior Girder 5	25.56	0.95	1	1	1.34038
HL93_str_inv	BOBJ1	138.27	Before	Interior Girder 6	25.56	0.95	1	1	1.411253
HL93_str_inv	BOBJ1	138.27	Before	Right Exterior Girder	25.56	0.95	1	1	1.731035
HL93_str_inv	BOBJ1	138.27	After	Left Exterior Girder	25.56	0.95	1	1	1.751571
HL93_str_inv	BOBJ1	138.27	After	Interior Girder 1	25.56	0.95	1	1	1.401942
HL93_str_inv	BOBJ1	138.27	After	Interior Girder 2	25.56	0.95	1	1	1.336893
HL93_str_inv	BOBJ1	138.27	After	Interior Girder 3	25.56	0.95	1	1	1.282893
HL93_str_inv	BOBJ1	138.27	After	Interior Girder 4	25.56	0.95	1	1	1.282893
HL93_str_inv	BOBJ1	138.27	After	Interior Girder 5	25.56	0.95	1	1	1.336893
HL93_str_inv	BOBJ1	138.27	After	Interior Girder 6	25.56	0.95	1	1	1.401942
HL93_str_inv	BOBJ1	138.27	After	Right Exterior Girder	25.56	0.95	1	1	1.751571
HL93_str_inv	BOBJ1	144.66	Before	Left Exterior Girder	31.95	0.95	1	1	1.796133
HL93_str_inv	BOBJ1	144.66	Before	Interior Girder 1	31.95	0.95	1	1	1.419995
HL93_str_inv	BOBJ1	144.66	Before	Interior Girder 2	31.95	0.95	1	1	1.354587
HL93_str_inv	BOBJ1	144.66	Before	Interior Girder 3	31.95	0.95	1	1	1.299587
HL93_str_inv	BOBJ1	144.66	Before	Interior Girder 4	31.95	0.95	1	1	1.299587
HL93_str_inv	BOBJ1	144.66	Before	Interior Girder 5	31.95	0.95	1	1	1.354587
HL93_str_inv	BOBJ1	144.66	Before	Interior Girder 6	31.95	0.95	1	1	1.419995
HL93_str_inv	BOBJ1	144.66	Before	Right Exterior Girder	31.95	0.95	1	1	1.796133
HL93_str_inv	BOBJ1	144.66	After	Left Exterior Girder	31.95	0.95	1	1	1.76916
HL93_str_inv	BOBJ1	144.66	After	Interior Girder 1	31.95	0.95	1	1	1.432824
HL93_str_inv	BOBJ1	144.66	After	Interior Girder 2	31.95	0.95	1	1	1.357804
HL93_str_inv	BOBJ1	144.66	After	Interior Girder 3	31.95	0.95	1	1	1.29349
HL93_str_inv	BOBJ1	144.66	After	Interior Girder 4	31.95	0.95	1	1	1.29349
HL93_str_inv	BOBJ1	144.66	After	Interior Girder 5	31.95	0.95	1	1	1.357804
HL93_str_inv	BOBJ1	144.66	After	Interior Girder 6	31.95	0.95	1	1	1.432824
HL93_str_inv	BOBJ1	144.66	After	Right Exterior Girder	31.95	0.95	1	1	1.76916

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelINonCompStrgth-Flx - Approach, Span 16-19									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
HL93_str_inv	BOBJ1	151.05	Before	Left Exterior Girder	38.34	0.95	1	1	2.122093
HL93_str_inv	BOBJ1	151.05	Before	Interior Girder 1	38.34	0.95	1	1	1.904675
HL93_str_inv	BOBJ1	151.05	Before	Interior Girder 2	38.34	0.95	1	1	1.737053
HL93_str_inv	BOBJ1	151.05	Before	Interior Girder 3	38.34	0.95	1	1	1.688212
HL93_str_inv	BOBJ1	151.05	Before	Interior Girder 4	38.34	0.95	1	1	1.688212
HL93_str_inv	BOBJ1	151.05	Before	Interior Girder 5	38.34	0.95	1	1	1.737053
HL93_str_inv	BOBJ1	151.05	Before	Interior Girder 6	38.34	0.95	1	1	1.904675
HL93_str_inv	BOBJ1	151.05	Before	Right Exterior Girder	38.34	0.95	1	1	2.122093
HL93_str_inv	BOBJ1	151.05	After	Left Exterior Girder	38.34	0.95	1	1	2.097572
HL93_str_inv	BOBJ1	151.05	After	Interior Girder 1	38.34	0.95	1	1	1.919585
HL93_str_inv	BOBJ1	151.05	After	Interior Girder 2	38.34	0.95	1	1	1.741556
HL93_str_inv	BOBJ1	151.05	After	Interior Girder 3	38.34	0.95	1	1	1.672605
HL93_str_inv	BOBJ1	151.05	After	Interior Girder 4	38.34	0.95	1	1	1.672605
HL93_str_inv	BOBJ1	151.05	After	Interior Girder 5	38.34	0.95	1	1	1.741556
HL93_str_inv	BOBJ1	151.05	After	Interior Girder 6	38.34	0.95	1	1	1.919585
HL93_str_inv	BOBJ1	151.05	After	Right Exterior Girder	38.34	0.95	1	1	2.097572
HL93_str_inv	BOBJ1	157.4367	Before	Left Exterior Girder	44.7267	0.95	1	1	2.369753
HL93_str_inv	BOBJ1	157.4367	Before	Interior Girder 1	44.7267	0.95	1	1	2.431812
HL93_str_inv	BOBJ1	157.4367	Before	Interior Girder 2	44.7267	0.95	1	1	2.359689
HL93_str_inv	BOBJ1	157.4367	Before	Interior Girder 3	44.7267	0.95	1	1	2.403076
HL93_str_inv	BOBJ1	157.4367	Before	Interior Girder 4	44.7267	0.95	1	1	2.403076
HL93_str_inv	BOBJ1	157.4367	Before	Interior Girder 5	44.7267	0.95	1	1	2.359689
HL93_str_inv	BOBJ1	157.4367	Before	Interior Girder 6	44.7267	0.95	1	1	2.431812
HL93_str_inv	BOBJ1	157.4367	Before	Right Exterior Girder	44.7267	0.95	1	1	2.369753
HL93_str_inv	BOBJ1	157.4367	After	Left Exterior Girder	44.7267	0.95	1	1	2.395856
HL93_str_inv	BOBJ1	157.4367	After	Interior Girder 1	44.7267	0.95	1	1	2.411045
HL93_str_inv	BOBJ1	157.4367	After	Interior Girder 2	44.7267	0.95	1	1	2.349392
HL93_str_inv	BOBJ1	157.4367	After	Interior Girder 3	44.7267	0.95	1	1	2.404287
HL93_str_inv	BOBJ1	157.4367	After	Interior Girder 4	44.7267	0.95	1	1	2.404287
HL93_str_inv	BOBJ1	157.4367	After	Interior Girder 5	44.7267	0.95	1	1	2.349392
HL93_str_inv	BOBJ1	157.4367	After	Interior Girder 6	44.7267	0.95	1	1	2.411045
HL93_str_inv	BOBJ1	157.4367	After	Right Exterior Girder	44.7267	0.95	1	1	2.395856
HL93_str_inv	BOBJ1	158.71	Before	Left Exterior Girder	46	0.95	1	1	2.187387
HL93_str_inv	BOBJ1	158.71	Before	Interior Girder 1	46	0.95	1	1	2.278722
HL93_str_inv	BOBJ1	158.71	Before	Interior Girder 2	46	0.95	1	1	2.197107
HL93_str_inv	BOBJ1	158.71	Before	Interior Girder 3	46	0.95	1	1	2.209401
HL93_str_inv	BOBJ1	158.71	Before	Interior Girder 4	46	0.95	1	1	2.209401
HL93_str_inv	BOBJ1	158.71	Before	Interior Girder 5	46	0.95	1	1	2.197107
HL93_str_inv	BOBJ1	158.71	Before	Interior Girder 6	46	0.95	1	1	2.278722
HL93_str_inv	BOBJ1	158.71	Before	Right Exterior Girder	46	0.95	1	1	2.187387
HL93_str_inv	BOBJ1	158.71	After	Left Exterior Girder	46	0.95	1	1	3.031581
HL93_str_inv	BOBJ1	158.71	After	Interior Girder 1	46	0.95	1	1	2.869761
HL93_str_inv	BOBJ1	158.71	After	Interior Girder 2	46	0.95	1	1	2.757549
HL93_str_inv	BOBJ1	158.71	After	Interior Girder 3	46	0.95	1	1	2.793754
HL93_str_inv	BOBJ1	158.71	After	Interior Girder 4	46	0.95	1	1	2.793754
HL93_str_inv	BOBJ1	158.71	After	Interior Girder 5	46	0.95	1	1	2.757549
HL93_str_inv	BOBJ1	158.71	After	Interior Girder 6	46	0.95	1	1	2.869761
HL93_str_inv	BOBJ1	158.71	After	Right Exterior Girder	46	0.95	1	1	3.031581
HL93_str_inv	BOBJ1	163.8233	Before	Left Exterior Girder	51.1133	0.95	1	1	2.060392
HL93_str_inv	BOBJ1	163.8233	Before	Interior Girder 1	51.1133	0.95	1	1	2.099423
HL93_str_inv	BOBJ1	163.8233	Before	Interior Girder 2	51.1133	0.95	1	1	2.010867
HL93_str_inv	BOBJ1	163.8233	Before	Interior Girder 3	51.1133	0.95	1	1	1.884765
HL93_str_inv	BOBJ1	163.8233	Before	Interior Girder 4	51.1133	0.95	1	1	1.884765
HL93_str_inv	BOBJ1	163.8233	Before	Interior Girder 5	51.1133	0.95	1	1	2.010867
HL93_str_inv	BOBJ1	163.8233	Before	Interior Girder 6	51.1133	0.95	1	1	2.099423
HL93_str_inv	BOBJ1	163.8233	Before	Right Exterior Girder	51.1133	0.95	1	1	2.060392
HL93_str_inv	BOBJ1	163.8233	After	Left Exterior Girder	51.1133	0.95	1	1	2.104306
HL93_str_inv	BOBJ1	163.8233	After	Interior Girder 1	51.1133	0.95	1	1	2.046435
HL93_str_inv	BOBJ1	163.8233	After	Interior Girder 2	51.1133	0.95	1	1	1.978696
HL93_str_inv	BOBJ1	163.8233	After	Interior Girder 3	51.1133	0.95	1	1	1.863505
HL93_str_inv	BOBJ1	163.8233	After	Interior Girder 4	51.1133	0.95	1	1	1.863505
HL93_str_inv	BOBJ1	163.8233	After	Interior Girder 5	51.1133	0.95	1	1	1.978696
HL93_str_inv	BOBJ1	163.8233	After	Interior Girder 6	51.1133	0.95	1	1	2.046435
HL93_str_inv	BOBJ1	163.8233	After	Right Exterior Girder	51.1133	0.95	1	1	2.104306
HL93_str_inv	BOBJ1	164.71	Before	Left Exterior Girder	52	0.95	1	1	1.924454

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelINonCompStrgth-Flx - Approach, Span 16-19									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
HL93_str_inv	BOBJ1	164.71	Before	Right Exterior Girder	52	0.95	1	1	1.924454
HL93_str_inv	BOBJ1	164.71	After	Left Exterior Girder	52	0.95	1	1	3.049033
HL93_str_inv	BOBJ1	164.71	After	Right Exterior Girder	52	0.95	1	1	3.049033
HL93_str_inv	BOBJ1	170.21	Before	Left Exterior Girder	57.5	0.95	1	1	1.945243
HL93_str_inv	BOBJ1	170.21	Before	Interior Girder 1	57.5	0.95	1	1	1.135311
HL93_str_inv	BOBJ1	170.21	Before	Interior Girder 2	57.5	0.95	1	1	1.106132
HL93_str_inv	BOBJ1	170.21	Before	Interior Girder 3	57.5	0.95	1	1	0.897191
HL93_str_inv	BOBJ1	170.21	Before	Interior Girder 4	57.5	0.95	1	1	0.897191
HL93_str_inv	BOBJ1	170.21	Before	Interior Girder 5	57.5	0.95	1	1	1.106132
HL93_str_inv	BOBJ1	170.21	Before	Interior Girder 6	57.5	0.95	1	1	1.135311
HL93_str_inv	BOBJ1	170.21	Before	Right Exterior Girder	57.5	0.95	1	1	1.945243
HL93_str_inv	BOBJ1	170.21	After	Left Exterior Girder	0	0.95	1	1	1.970035
HL93_str_inv	BOBJ1	170.21	After	Interior Girder 1	0	0.95	1	1	1.476054
HL93_str_inv	BOBJ1	170.21	After	Interior Girder 2	0	0.95	1	1	1.424654
HL93_str_inv	BOBJ1	170.21	After	Interior Girder 3	0	0.95	1	1	1.188361
HL93_str_inv	BOBJ1	170.21	After	Interior Girder 4	0	0.95	1	1	1.188361
HL93_str_inv	BOBJ1	170.21	After	Interior Girder 5	0	0.95	1	1	1.424654
HL93_str_inv	BOBJ1	170.21	After	Interior Girder 6	0	0.95	1	1	1.476054
HL93_str_inv	BOBJ1	170.21	After	Right Exterior Girder	0	0.95	1	1	1.970035
HL93_str_inv	BOBJ1	176.21	Before	Left Exterior Girder	6	0.95	1	1	3.650102
HL93_str_inv	BOBJ1	176.21	Before	Right Exterior Girder	6	0.95	1	1	3.650102
HL93_str_inv	BOBJ1	176.21	After	Left Exterior Girder	6	0.95	1	1	2.369988
HL93_str_inv	BOBJ1	176.21	After	Right Exterior Girder	6	0.95	1	1	2.369988
HL93_str_inv	BOBJ1	176.6	Before	Left Exterior Girder	6.39	0.95	1	1	2.480999
HL93_str_inv	BOBJ1	176.6	Before	Interior Girder 1	6.39	0.95	1	1	2.85581
HL93_str_inv	BOBJ1	176.6	Before	Interior Girder 2	6.39	0.95	1	1	2.706103
HL93_str_inv	BOBJ1	176.6	Before	Interior Girder 3	6.39	0.95	1	1	2.554869
HL93_str_inv	BOBJ1	176.6	Before	Interior Girder 4	6.39	0.95	1	1	2.554869
HL93_str_inv	BOBJ1	176.6	Before	Interior Girder 5	6.39	0.95	1	1	2.706103
HL93_str_inv	BOBJ1	176.6	Before	Interior Girder 6	6.39	0.95	1	1	2.85581
HL93_str_inv	BOBJ1	176.6	Before	Right Exterior Girder	6.39	0.95	1	1	2.480999
HL93_str_inv	BOBJ1	176.6	After	Left Exterior Girder	6.39	0.95	1	1	2.409795
HL93_str_inv	BOBJ1	176.6	After	Interior Girder 1	6.39	0.95	1	1	2.928697
HL93_str_inv	BOBJ1	176.6	After	Interior Girder 2	6.39	0.95	1	1	2.751858
HL93_str_inv	BOBJ1	176.6	After	Interior Girder 3	6.39	0.95	1	1	2.585827
HL93_str_inv	BOBJ1	176.6	After	Interior Girder 4	6.39	0.95	1	1	2.585827
HL93_str_inv	BOBJ1	176.6	After	Interior Girder 5	6.39	0.95	1	1	2.751858
HL93_str_inv	BOBJ1	176.6	After	Interior Girder 6	6.39	0.95	1	1	2.928697
HL93_str_inv	BOBJ1	176.6	After	Right Exterior Girder	6.39	0.95	1	1	2.409795
HL93_str_inv	BOBJ1	182.99	Before	Left Exterior Girder	12.78	0.95	1	1	3.827439
HL93_str_inv	BOBJ1	182.99	Before	Interior Girder 1	12.78	0.95	1	1	2.804414
HL93_str_inv	BOBJ1	182.99	Before	Interior Girder 2	12.78	0.95	1	1	2.581223
HL93_str_inv	BOBJ1	182.99	Before	Interior Girder 3	12.78	0.95	1	1	2.5569
HL93_str_inv	BOBJ1	182.99	Before	Interior Girder 4	12.78	0.95	1	1	2.5569
HL93_str_inv	BOBJ1	182.99	Before	Interior Girder 5	12.78	0.95	1	1	2.581223
HL93_str_inv	BOBJ1	182.99	Before	Interior Girder 6	12.78	0.95	1	1	2.804414
HL93_str_inv	BOBJ1	182.99	Before	Right Exterior Girder	12.78	0.95	1	1	3.827439
HL93_str_inv	BOBJ1	182.99	After	Left Exterior Girder	12.78	0.95	1	1	3.779357
HL93_str_inv	BOBJ1	182.99	After	Interior Girder 1	12.78	0.95	1	1	2.814356
HL93_str_inv	BOBJ1	182.99	After	Interior Girder 2	12.78	0.95	1	1	2.598677
HL93_str_inv	BOBJ1	182.99	After	Interior Girder 3	12.78	0.95	1	1	2.622194
HL93_str_inv	BOBJ1	182.99	After	Interior Girder 4	12.78	0.95	1	1	2.622194
HL93_str_inv	BOBJ1	182.99	After	Interior Girder 5	12.78	0.95	1	1	2.598677
HL93_str_inv	BOBJ1	182.99	After	Interior Girder 6	12.78	0.95	1	1	2.814356
HL93_str_inv	BOBJ1	182.99	After	Right Exterior Girder	12.78	0.95	1	1	3.779357
HL93_str_inv	BOBJ1	189.38	Before	Left Exterior Girder	19.17	0.95	1	1	2.006069
HL93_str_inv	BOBJ1	189.38	Before	Interior Girder 1	19.17	0.95	1	1	1.772566
HL93_str_inv	BOBJ1	189.38	Before	Interior Girder 2	19.17	0.95	1	1	1.635708
HL93_str_inv	BOBJ1	189.38	Before	Interior Girder 3	19.17	0.95	1	1	1.601974
HL93_str_inv	BOBJ1	189.38	Before	Interior Girder 4	19.17	0.95	1	1	1.601974
HL93_str_inv	BOBJ1	189.38	Before	Interior Girder 5	19.17	0.95	1	1	1.635708
HL93_str_inv	BOBJ1	189.38	Before	Interior Girder 6	19.17	0.95	1	1	1.772566
HL93_str_inv	BOBJ1	189.38	Before	Right Exterior Girder	19.17	0.95	1	1	2.006069
HL93_str_inv	BOBJ1	189.38	After	Left Exterior Girder	19.17	0.95	1	1	2.036284
HL93_str_inv	BOBJ1	189.38	After	Interior Girder 1	19.17	0.95	1	1	1.755101

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelINonCompStrgth-Flx - Approach, Span 16-19									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
HL93_str_inv	BOBJ1	189.38	After	Interior Girder 2	19.17	0.95	1	1	1.631364
HL93_str_inv	BOBJ1	189.38	After	Interior Girder 3	19.17	0.95	1	1	1.618043
HL93_str_inv	BOBJ1	189.38	After	Interior Girder 4	19.17	0.95	1	1	1.618043
HL93_str_inv	BOBJ1	189.38	After	Interior Girder 5	19.17	0.95	1	1	1.631364
HL93_str_inv	BOBJ1	189.38	After	Interior Girder 6	19.17	0.95	1	1	1.755101
HL93_str_inv	BOBJ1	189.38	After	Right Exterior Girder	19.17	0.95	1	1	2.036284
HL93_str_inv	BOBJ1	195.77	Before	Left Exterior Girder	25.56	0.95	1	1	1.532533
HL93_str_inv	BOBJ1	195.77	Before	Interior Girder 1	25.56	0.95	1	1	1.216582
HL93_str_inv	BOBJ1	195.77	Before	Interior Girder 2	25.56	0.95	1	1	1.175523
HL93_str_inv	BOBJ1	195.77	Before	Interior Girder 3	25.56	0.95	1	1	1.144339
HL93_str_inv	BOBJ1	195.77	Before	Interior Girder 4	25.56	0.95	1	1	1.144339
HL93_str_inv	BOBJ1	195.77	Before	Interior Girder 5	25.56	0.95	1	1	1.175523
HL93_str_inv	BOBJ1	195.77	Before	Interior Girder 6	25.56	0.95	1	1	1.216582
HL93_str_inv	BOBJ1	195.77	Before	Right Exterior Girder	25.56	0.95	1	1	1.532533
HL93_str_inv	BOBJ1	195.77	After	Left Exterior Girder	25.56	0.95	1	1	1.560298
HL93_str_inv	BOBJ1	195.77	After	Interior Girder 1	25.56	0.95	1	1	1.20264
HL93_str_inv	BOBJ1	195.77	After	Interior Girder 2	25.56	0.95	1	1	1.171948
HL93_str_inv	BOBJ1	195.77	After	Interior Girder 3	25.56	0.95	1	1	1.150839
HL93_str_inv	BOBJ1	195.77	After	Interior Girder 4	25.56	0.95	1	1	1.150839
HL93_str_inv	BOBJ1	195.77	After	Interior Girder 5	25.56	0.95	1	1	1.171948
HL93_str_inv	BOBJ1	195.77	After	Interior Girder 6	25.56	0.95	1	1	1.20264
HL93_str_inv	BOBJ1	195.77	After	Right Exterior Girder	25.56	0.95	1	1	1.560298
HL93_str_inv	BOBJ1	202.16	Before	Left Exterior Girder	31.95	0.95	1	1	1.361455
HL93_str_inv	BOBJ1	202.16	Before	Interior Girder 1	31.95	0.95	1	1	1.078074
HL93_str_inv	BOBJ1	202.16	Before	Interior Girder 2	31.95	0.95	1	1	1.053128
HL93_str_inv	BOBJ1	202.16	Before	Interior Girder 3	31.95	0.95	1	1	1.034612
HL93_str_inv	BOBJ1	202.16	Before	Interior Girder 4	31.95	0.95	1	1	1.034612
HL93_str_inv	BOBJ1	202.16	Before	Interior Girder 5	31.95	0.95	1	1	1.053128
HL93_str_inv	BOBJ1	202.16	Before	Interior Girder 6	31.95	0.95	1	1	1.078074
HL93_str_inv	BOBJ1	202.16	Before	Right Exterior Girder	31.95	0.95	1	1	1.361455
HL93_str_inv	BOBJ1	202.16	After	Left Exterior Girder	31.95	0.95	1	1	1.351212
HL93_str_inv	BOBJ1	202.16	After	Interior Girder 1	31.95	0.95	1	1	1.081813
HL93_str_inv	BOBJ1	202.16	After	Interior Girder 2	31.95	0.95	1	1	1.056278
HL93_str_inv	BOBJ1	202.16	After	Interior Girder 3	31.95	0.95	1	1	1.036047
HL93_str_inv	BOBJ1	202.16	After	Interior Girder 4	31.95	0.95	1	1	1.036047
HL93_str_inv	BOBJ1	202.16	After	Interior Girder 5	31.95	0.95	1	1	1.056278
HL93_str_inv	BOBJ1	202.16	After	Interior Girder 6	31.95	0.95	1	1	1.081813
HL93_str_inv	BOBJ1	202.16	After	Right Exterior Girder	31.95	0.95	1	1	1.351212
HL93_str_inv	BOBJ1	208.55	Before	Left Exterior Girder	38.34	0.95	1	1	1.32499
HL93_str_inv	BOBJ1	208.55	Before	Interior Girder 1	38.34	0.95	1	1	1.172752
HL93_str_inv	BOBJ1	208.55	Before	Interior Girder 2	38.34	0.95	1	1	1.135562
HL93_str_inv	BOBJ1	208.55	Before	Interior Girder 3	38.34	0.95	1	1	1.12911
HL93_str_inv	BOBJ1	208.55	Before	Interior Girder 4	38.34	0.95	1	1	1.12911
HL93_str_inv	BOBJ1	208.55	Before	Interior Girder 5	38.34	0.95	1	1	1.135562
HL93_str_inv	BOBJ1	208.55	Before	Interior Girder 6	38.34	0.95	1	1	1.172752
HL93_str_inv	BOBJ1	208.55	Before	Right Exterior Girder	38.34	0.95	1	1	1.32499
HL93_str_inv	BOBJ1	208.55	After	Left Exterior Girder	38.34	0.95	1	1	1.312572
HL93_str_inv	BOBJ1	208.55	After	Interior Girder 1	38.34	0.95	1	1	1.179221
HL93_str_inv	BOBJ1	208.55	After	Interior Girder 2	38.34	0.95	1	1	1.135103
HL93_str_inv	BOBJ1	208.55	After	Interior Girder 3	38.34	0.95	1	1	1.123665
HL93_str_inv	BOBJ1	208.55	After	Interior Girder 4	38.34	0.95	1	1	1.123665
HL93_str_inv	BOBJ1	208.55	After	Interior Girder 5	38.34	0.95	1	1	1.135103
HL93_str_inv	BOBJ1	208.55	After	Interior Girder 6	38.34	0.95	1	1	1.179221
HL93_str_inv	BOBJ1	208.55	After	Right Exterior Girder	38.34	0.95	1	1	1.312572
HL93_str_inv	BOBJ1	215.1233	Before	Left Exterior Girder	44.9133	0.95	1	1	1.82652
HL93_str_inv	BOBJ1	215.1233	Before	Interior Girder 1	44.9133	0.95	1	1	1.375889
HL93_str_inv	BOBJ1	215.1233	Before	Interior Girder 2	44.9133	0.95	1	1	1.33844
HL93_str_inv	BOBJ1	215.1233	Before	Interior Girder 3	44.9133	0.95	1	1	1.308736
HL93_str_inv	BOBJ1	215.1233	Before	Interior Girder 4	44.9133	0.95	1	1	1.308736
HL93_str_inv	BOBJ1	215.1233	Before	Interior Girder 5	44.9133	0.95	1	1	1.33844
HL93_str_inv	BOBJ1	215.1233	Before	Interior Girder 6	44.9133	0.95	1	1	1.375889
HL93_str_inv	BOBJ1	215.1233	Before	Right Exterior Girder	44.9133	0.95	1	1	1.82652
HL93_str_inv	BOBJ1	215.1233	After	Left Exterior Girder	44.9133	0.95	1	1	1.816296
HL93_str_inv	BOBJ1	215.1233	After	Interior Girder 1	44.9133	0.95	1	1	1.3798
HL93_str_inv	BOBJ1	215.1233	After	Interior Girder 2	44.9133	0.95	1	1	1.31889

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelINonCompStrgth-Flx - Approach, Span 16-19									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
HL93_str_inv	BOBJ1	215.1233	After	Interior Girder 3	44.9133	0.95	1	1	1.278533
HL93_str_inv	BOBJ1	215.1233	After	Interior Girder 4	44.9133	0.95	1	1	1.278533
HL93_str_inv	BOBJ1	215.1233	After	Interior Girder 5	44.9133	0.95	1	1	1.31889
HL93_str_inv	BOBJ1	215.1233	After	Interior Girder 6	44.9133	0.95	1	1	1.3798
HL93_str_inv	BOBJ1	215.1233	After	Right Exterior Girder	44.9133	0.95	1	1	1.816296
HL93_str_inv	BOBJ1	221.6967	Before	Left Exterior Girder	51.4867	0.95	1	1	3.692132
HL93_str_inv	BOBJ1	221.6967	Before	Interior Girder 1	51.4867	0.95	1	1	2.30229
HL93_str_inv	BOBJ1	221.6967	Before	Interior Girder 2	51.4867	0.95	1	1	2.236006
HL93_str_inv	BOBJ1	221.6967	Before	Interior Girder 3	51.4867	0.95	1	1	2.068924
HL93_str_inv	BOBJ1	221.6967	Before	Interior Girder 4	51.4867	0.95	1	1	2.068924
HL93_str_inv	BOBJ1	221.6967	Before	Interior Girder 5	51.4867	0.95	1	1	2.236006
HL93_str_inv	BOBJ1	221.6967	Before	Interior Girder 6	51.4867	0.95	1	1	2.30229
HL93_str_inv	BOBJ1	221.6967	Before	Right Exterior Girder	51.4867	0.95	1	1	3.692132
HL93_str_inv	BOBJ1	221.6967	After	Left Exterior Girder	51.4867	0.95	1	1	3.656578
HL93_str_inv	BOBJ1	221.6967	After	Interior Girder 1	51.4867	0.95	1	1	2.320492
HL93_str_inv	BOBJ1	221.6967	After	Interior Girder 2	51.4867	0.95	1	1	2.206015
HL93_str_inv	BOBJ1	221.6967	After	Interior Girder 3	51.4867	0.95	1	1	1.989493
HL93_str_inv	BOBJ1	221.6967	After	Interior Girder 4	51.4867	0.95	1	1	1.989493
HL93_str_inv	BOBJ1	221.6967	After	Interior Girder 5	51.4867	0.95	1	1	2.206015
HL93_str_inv	BOBJ1	221.6967	After	Interior Girder 6	51.4867	0.95	1	1	2.320492
HL93_str_inv	BOBJ1	221.6967	After	Right Exterior Girder	51.4867	0.95	1	1	3.656578
HL93_str_inv	BOBJ1	228.27	Before	Left Exterior Girder	58.06	0.95	1	1	281.740237
HL93_str_inv	BOBJ1	228.27	Before	Interior Girder 1	58.06	0.95	1	1	211.515503
HL93_str_inv	BOBJ1	228.27	Before	Interior Girder 2	58.06	0.95	1	1	165.21853
HL93_str_inv	BOBJ1	228.27	Before	Interior Girder 3	58.06	0.95	1	1	119.42803
HL93_str_inv	BOBJ1	228.27	Before	Interior Girder 4	58.06	0.95	1	1	119.42803
HL93_str_inv	BOBJ1	228.27	Before	Interior Girder 5	58.06	0.95	1	1	165.21853
HL93_str_inv	BOBJ1	228.27	Before	Interior Girder 6	58.06	0.95	1	1	211.515503
HL93_str_inv	BOBJ1	228.27	Before	Right Exterior Girder	58.06	0.95	1	1	281.740237
HS20_str_opr	BOBJ1	0	After	Left Exterior Girder	0	0.95	1	1	462.325372
HS20_str_opr	BOBJ1	0	After	Interior Girder 1	0	0.95	1	1	478.270218
HS20_str_opr	BOBJ1	0	After	Interior Girder 2	0	0.95	1	1	267.323804
HS20_str_opr	BOBJ1	0	After	Interior Girder 3	0	0.95	1	1	214.390761
HS20_str_opr	BOBJ1	0	After	Interior Girder 4	0	0.95	1	1	214.390761
HS20_str_opr	BOBJ1	0	After	Interior Girder 5	0	0.95	1	1	267.323807
HS20_str_opr	BOBJ1	0	After	Interior Girder 6	0	0.95	1	1	478.270217
HS20_str_opr	BOBJ1	0	After	Right Exterior Girder	0	0.95	1	1	462.325372
HS20_str_opr	BOBJ1	5.3833	Before	Left Exterior Girder	5.3833	0.95	1	1	6.088853
HS20_str_opr	BOBJ1	5.3833	Before	Interior Girder 1	5.3833	0.95	1	1	3.877592
HS20_str_opr	BOBJ1	5.3833	Before	Interior Girder 2	5.3833	0.95	1	1	3.645622
HS20_str_opr	BOBJ1	5.3833	Before	Interior Girder 3	5.3833	0.95	1	1	3.157758
HS20_str_opr	BOBJ1	5.3833	Before	Interior Girder 4	5.3833	0.95	1	1	3.157758
HS20_str_opr	BOBJ1	5.3833	Before	Interior Girder 5	5.3833	0.95	1	1	3.645622
HS20_str_opr	BOBJ1	5.3833	Before	Interior Girder 6	5.3833	0.95	1	1	3.877592
HS20_str_opr	BOBJ1	5.3833	Before	Right Exterior Girder	5.3833	0.95	1	1	6.088853
HS20_str_opr	BOBJ1	5.3833	After	Left Exterior Girder	5.3833	0.95	1	1	6.16991
HS20_str_opr	BOBJ1	5.3833	After	Interior Girder 1	5.3833	0.95	1	1	3.883463
HS20_str_opr	BOBJ1	5.3833	After	Interior Girder 2	5.3833	0.95	1	1	3.70302
HS20_str_opr	BOBJ1	5.3833	After	Interior Girder 3	5.3833	0.95	1	1	3.264196
HS20_str_opr	BOBJ1	5.3833	After	Interior Girder 4	5.3833	0.95	1	1	3.264196
HS20_str_opr	BOBJ1	5.3833	After	Interior Girder 5	5.3833	0.95	1	1	3.70302
HS20_str_opr	BOBJ1	5.3833	After	Interior Girder 6	5.3833	0.95	1	1	3.883463
HS20_str_opr	BOBJ1	5.3833	After	Right Exterior Girder	5.3833	0.95	1	1	6.16991
HS20_str_opr	BOBJ1	10.7667	Before	Left Exterior Girder	10.7667	0.95	1	1	3.366288
HS20_str_opr	BOBJ1	10.7667	Before	Interior Girder 1	10.7667	0.95	1	1	2.500847
HS20_str_opr	BOBJ1	10.7667	Before	Interior Girder 2	10.7667	0.95	1	1	2.335437
HS20_str_opr	BOBJ1	10.7667	Before	Interior Girder 3	10.7667	0.95	1	1	2.206159
HS20_str_opr	BOBJ1	10.7667	Before	Interior Girder 4	10.7667	0.95	1	1	2.206159
HS20_str_opr	BOBJ1	10.7667	Before	Interior Girder 5	10.7667	0.95	1	1	2.335437
HS20_str_opr	BOBJ1	10.7667	Before	Interior Girder 6	10.7667	0.95	1	1	2.500847
HS20_str_opr	BOBJ1	10.7667	Before	Right Exterior Girder	10.7667	0.95	1	1	3.366288
HS20_str_opr	BOBJ1	10.7667	After	Left Exterior Girder	10.7667	0.95	1	1	3.354174
HS20_str_opr	BOBJ1	10.7667	After	Interior Girder 1	10.7667	0.95	1	1	2.507741
HS20_str_opr	BOBJ1	10.7667	After	Interior Girder 2	10.7667	0.95	1	1	2.371648
HS20_str_opr	BOBJ1	10.7667	After	Interior Girder 3	10.7667	0.95	1	1	2.2476

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelINonCompStrgth-Flx - Approach, Span 16-19									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
HS20_str_opr	BOBJ1	10.7667	After	Interior Girder 4	10.7667	0.95	1	1	2.2476
HS20_str_opr	BOBJ1	10.7667	After	Interior Girder 5	10.7667	0.95	1	1	2.371648
HS20_str_opr	BOBJ1	10.7667	After	Interior Girder 6	10.7667	0.95	1	1	2.507741
HS20_str_opr	BOBJ1	10.7667	After	Right Exterior Girder	10.7667	0.95	1	1	3.354174
HS20_str_opr	BOBJ1	16.15	Before	Left Exterior Girder	16.15	0.95	1	1	2.627704
HS20_str_opr	BOBJ1	16.15	Before	Interior Girder 1	16.15	0.95	1	1	2.310733
HS20_str_opr	BOBJ1	16.15	Before	Interior Girder 2	16.15	0.95	1	1	2.157666
HS20_str_opr	BOBJ1	16.15	Before	Interior Girder 3	16.15	0.95	1	1	2.07408
HS20_str_opr	BOBJ1	16.15	Before	Interior Girder 4	16.15	0.95	1	1	2.07408
HS20_str_opr	BOBJ1	16.15	Before	Interior Girder 5	16.15	0.95	1	1	2.157666
HS20_str_opr	BOBJ1	16.15	Before	Interior Girder 6	16.15	0.95	1	1	2.310733
HS20_str_opr	BOBJ1	16.15	Before	Right Exterior Girder	16.15	0.95	1	1	2.627704
HS20_str_opr	BOBJ1	16.15	After	Left Exterior Girder	16.15	0.95	1	1	2.634921
HS20_str_opr	BOBJ1	16.15	After	Interior Girder 1	16.15	0.95	1	1	2.305719
HS20_str_opr	BOBJ1	16.15	After	Interior Girder 2	16.15	0.95	1	1	2.162072
HS20_str_opr	BOBJ1	16.15	After	Interior Girder 3	16.15	0.95	1	1	2.080742
HS20_str_opr	BOBJ1	16.15	After	Interior Girder 4	16.15	0.95	1	1	2.080742
HS20_str_opr	BOBJ1	16.15	After	Interior Girder 5	16.15	0.95	1	1	2.162072
HS20_str_opr	BOBJ1	16.15	After	Interior Girder 6	16.15	0.95	1	1	2.305719
HS20_str_opr	BOBJ1	16.15	After	Right Exterior Girder	16.15	0.95	1	1	2.634921
HS20_str_opr	BOBJ1	22.1267	Before	Left Exterior Girder	22.1267	0.95	1	1	2.918971
HS20_str_opr	BOBJ1	22.1267	Before	Interior Girder 1	22.1267	0.95	1	1	2.255589
HS20_str_opr	BOBJ1	22.1267	Before	Interior Girder 2	22.1267	0.95	1	1	2.127236
HS20_str_opr	BOBJ1	22.1267	Before	Interior Girder 3	22.1267	0.95	1	1	2.017661
HS20_str_opr	BOBJ1	22.1267	Before	Interior Girder 4	22.1267	0.95	1	1	2.017661
HS20_str_opr	BOBJ1	22.1267	Before	Interior Girder 5	22.1267	0.95	1	1	2.127236
HS20_str_opr	BOBJ1	22.1267	Before	Interior Girder 6	22.1267	0.95	1	1	2.255589
HS20_str_opr	BOBJ1	22.1267	Before	Right Exterior Girder	22.1267	0.95	1	1	2.918971
HS20_str_opr	BOBJ1	22.1267	After	Left Exterior Girder	22.1267	0.95	1	1	2.939644
HS20_str_opr	BOBJ1	22.1267	After	Interior Girder 1	22.1267	0.95	1	1	2.251489
HS20_str_opr	BOBJ1	22.1267	After	Interior Girder 2	22.1267	0.95	1	1	2.11723
HS20_str_opr	BOBJ1	22.1267	After	Interior Girder 3	22.1267	0.95	1	1	2.003361
HS20_str_opr	BOBJ1	22.1267	After	Interior Girder 4	22.1267	0.95	1	1	2.003361
HS20_str_opr	BOBJ1	22.1267	After	Interior Girder 5	22.1267	0.95	1	1	2.11723
HS20_str_opr	BOBJ1	22.1267	After	Interior Girder 6	22.1267	0.95	1	1	2.251489
HS20_str_opr	BOBJ1	22.1267	After	Right Exterior Girder	22.1267	0.95	1	1	2.939644
HS20_str_opr	BOBJ1	28.1033	Before	Left Exterior Girder	28.1033	0.95	1	1	3.679989
HS20_str_opr	BOBJ1	28.1033	Before	Interior Girder 1	28.1033	0.95	1	1	2.656332
HS20_str_opr	BOBJ1	28.1033	Before	Interior Girder 2	28.1033	0.95	1	1	2.508999
HS20_str_opr	BOBJ1	28.1033	Before	Interior Girder 3	28.1033	0.95	1	1	2.392046
HS20_str_opr	BOBJ1	28.1033	Before	Interior Girder 4	28.1033	0.95	1	1	2.392046
HS20_str_opr	BOBJ1	28.1033	Before	Interior Girder 5	28.1033	0.95	1	1	2.508999
HS20_str_opr	BOBJ1	28.1033	Before	Interior Girder 6	28.1033	0.95	1	1	2.656332
HS20_str_opr	BOBJ1	28.1033	Before	Right Exterior Girder	28.1033	0.95	1	1	3.679989
HS20_str_opr	BOBJ1	28.1033	After	Left Exterior Girder	28.1033	0.95	1	1	3.62411
HS20_str_opr	BOBJ1	28.1033	After	Interior Girder 1	28.1033	0.95	1	1	2.679245
HS20_str_opr	BOBJ1	28.1033	After	Interior Girder 2	28.1033	0.95	1	1	2.507618
HS20_str_opr	BOBJ1	28.1033	After	Interior Girder 3	28.1033	0.95	1	1	2.367766
HS20_str_opr	BOBJ1	28.1033	After	Interior Girder 4	28.1033	0.95	1	1	2.367766
HS20_str_opr	BOBJ1	28.1033	After	Interior Girder 5	28.1033	0.95	1	1	2.507618
HS20_str_opr	BOBJ1	28.1033	After	Interior Girder 6	28.1033	0.95	1	1	2.679245
HS20_str_opr	BOBJ1	28.1033	After	Right Exterior Girder	28.1033	0.95	1	1	3.62411
HS20_str_opr	BOBJ1	34.08	Before	Left Exterior Girder	34.08	0.95	1	1	4.074837
HS20_str_opr	BOBJ1	34.08	Before	Interior Girder 1	34.08	0.95	1	1	4.143592
HS20_str_opr	BOBJ1	34.08	Before	Interior Girder 2	34.08	0.95	1	1	4.044862
HS20_str_opr	BOBJ1	34.08	Before	Interior Girder 3	34.08	0.95	1	1	3.920405
HS20_str_opr	BOBJ1	34.08	Before	Interior Girder 4	34.08	0.95	1	1	3.920405
HS20_str_opr	BOBJ1	34.08	Before	Interior Girder 5	34.08	0.95	1	1	4.044862
HS20_str_opr	BOBJ1	34.08	Before	Interior Girder 6	34.08	0.95	1	1	4.143592
HS20_str_opr	BOBJ1	34.08	Before	Right Exterior Girder	34.08	0.95	1	1	4.074837
HS20_str_opr	BOBJ1	34.08	After	Left Exterior Girder	34.08	0.95	1	1	3.867737
HS20_str_opr	BOBJ1	34.08	After	Interior Girder 1	34.08	0.95	1	1	4.099431
HS20_str_opr	BOBJ1	34.08	After	Interior Girder 2	34.08	0.95	1	1	4.050004
HS20_str_opr	BOBJ1	34.08	After	Interior Girder 3	34.08	0.95	1	1	3.873094
HS20_str_opr	BOBJ1	34.08	After	Interior Girder 4	34.08	0.95	1	1	3.873094

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelINonCompStrgth-Flx - Approach, Span 16-19									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
HS20_str_opr	BOBJ1	34.08	After	Interior Girder 5	34.08	0.95	1	1	4.050004
HS20_str_opr	BOBJ1	34.08	After	Interior Girder 6	34.08	0.95	1	1	4.099431
HS20_str_opr	BOBJ1	34.08	After	Right Exterior Girder	34.08	0.95	1	1	3.867737
HS20_str_opr	BOBJ1	39.855	Before	Left Exterior Girder	39.855	0.95	1	1	2.433599
HS20_str_opr	BOBJ1	39.855	Before	Interior Girder 1	39.855	0.95	1	1	3.042209
HS20_str_opr	BOBJ1	39.855	Before	Interior Girder 2	39.855	0.95	1	1	3.024737
HS20_str_opr	BOBJ1	39.855	Before	Interior Girder 3	39.855	0.95	1	1	2.898781
HS20_str_opr	BOBJ1	39.855	Before	Interior Girder 4	39.855	0.95	1	1	2.898781
HS20_str_opr	BOBJ1	39.855	Before	Interior Girder 5	39.855	0.95	1	1	3.024737
HS20_str_opr	BOBJ1	39.855	Before	Interior Girder 6	39.855	0.95	1	1	3.042209
HS20_str_opr	BOBJ1	39.855	Before	Right Exterior Girder	39.855	0.95	1	1	2.433599
HS20_str_opr	BOBJ1	39.855	After	Left Exterior Girder	39.855	0.95	1	1	2.483014
HS20_str_opr	BOBJ1	39.855	After	Interior Girder 1	39.855	0.95	1	1	2.996232
HS20_str_opr	BOBJ1	39.855	After	Interior Girder 2	39.855	0.95	1	1	2.988581
HS20_str_opr	BOBJ1	39.855	After	Interior Girder 3	39.855	0.95	1	1	2.886734
HS20_str_opr	BOBJ1	39.855	After	Interior Girder 4	39.855	0.95	1	1	2.886734
HS20_str_opr	BOBJ1	39.855	After	Interior Girder 5	39.855	0.95	1	1	2.988581
HS20_str_opr	BOBJ1	39.855	After	Interior Girder 6	39.855	0.95	1	1	2.996232
HS20_str_opr	BOBJ1	39.855	After	Right Exterior Girder	39.855	0.95	1	1	2.483014
HS20_str_opr	BOBJ1	40.0288	Before	Left Exterior Girder	40.0288	0.95	1	1	2.42781
HS20_str_opr	BOBJ1	40.0288	Before	Right Exterior Girder	40.0288	0.95	1	1	2.42781
HS20_str_opr	BOBJ1	40.0288	After	Left Exterior Girder	40.0288	0.95	1	1	3.590978
HS20_str_opr	BOBJ1	40.0288	After	Right Exterior Girder	40.0288	0.95	1	1	3.590978
HS20_str_opr	BOBJ1	45.63	Before	Left Exterior Girder	45.63	0.95	1	1	2.229772
HS20_str_opr	BOBJ1	45.63	Before	Interior Girder 1	45.63	0.95	1	1	2.079782
HS20_str_opr	BOBJ1	45.63	Before	Interior Girder 2	45.63	0.95	1	1	2.030353
HS20_str_opr	BOBJ1	45.63	Before	Interior Girder 3	45.63	0.95	1	1	1.671488
HS20_str_opr	BOBJ1	45.63	Before	Interior Girder 4	45.63	0.95	1	1	1.671488
HS20_str_opr	BOBJ1	45.63	Before	Interior Girder 5	45.63	0.95	1	1	2.030353
HS20_str_opr	BOBJ1	45.63	Before	Interior Girder 6	45.63	0.95	1	1	2.079782
HS20_str_opr	BOBJ1	45.63	Before	Right Exterior Girder	45.63	0.95	1	1	2.229772
HS20_str_opr	BOBJ1	45.63	After	Left Exterior Girder	0	0.95	1	1	2.212115
HS20_str_opr	BOBJ1	45.63	After	Interior Girder 1	0	0.95	1	1	1.897561
HS20_str_opr	BOBJ1	45.63	After	Interior Girder 2	0	0.95	1	1	1.874828
HS20_str_opr	BOBJ1	45.63	After	Interior Girder 3	0	0.95	1	1	1.538874
HS20_str_opr	BOBJ1	45.63	After	Interior Girder 4	0	0.95	1	1	1.538874
HS20_str_opr	BOBJ1	45.63	After	Interior Girder 5	0	0.95	1	1	1.874828
HS20_str_opr	BOBJ1	45.63	After	Interior Girder 6	0	0.95	1	1	1.897561
HS20_str_opr	BOBJ1	45.63	After	Right Exterior Girder	0	0.95	1	1	2.212115
HS20_str_opr	BOBJ1	50.6298	Before	Left Exterior Girder	4.9998	0.95	1	1	6.242463
HS20_str_opr	BOBJ1	50.6298	Before	Right Exterior Girder	4.9998	0.95	1	1	6.242463
HS20_str_opr	BOBJ1	50.6298	After	Left Exterior Girder	4.9998	0.95	1	1	3.994888
HS20_str_opr	BOBJ1	50.6298	After	Right Exterior Girder	4.9998	0.95	1	1	3.994888
HS20_str_opr	BOBJ1	51.4	Before	Left Exterior Girder	5.77	0.95	1	1	4.797857
HS20_str_opr	BOBJ1	51.4	Before	Interior Girder 1	5.77	0.95	1	1	5.223337
HS20_str_opr	BOBJ1	51.4	Before	Interior Girder 2	5.77	0.95	1	1	4.870855
HS20_str_opr	BOBJ1	51.4	Before	Interior Girder 3	5.77	0.95	1	1	4.494276
HS20_str_opr	BOBJ1	51.4	Before	Interior Girder 4	5.77	0.95	1	1	4.494276
HS20_str_opr	BOBJ1	51.4	Before	Interior Girder 5	5.77	0.95	1	1	4.870855
HS20_str_opr	BOBJ1	51.4	Before	Interior Girder 6	5.77	0.95	1	1	5.223337
HS20_str_opr	BOBJ1	51.4	Before	Right Exterior Girder	5.77	0.95	1	1	4.797857
HS20_str_opr	BOBJ1	51.4	After	Left Exterior Girder	5.77	0.95	1	1	4.685845
HS20_str_opr	BOBJ1	51.4	After	Interior Girder 1	5.77	0.95	1	1	5.321342
HS20_str_opr	BOBJ1	51.4	After	Interior Girder 2	5.77	0.95	1	1	4.854708
HS20_str_opr	BOBJ1	51.4	After	Interior Girder 3	5.77	0.95	1	1	4.438781
HS20_str_opr	BOBJ1	51.4	After	Interior Girder 4	5.77	0.95	1	1	4.438781
HS20_str_opr	BOBJ1	51.4	After	Interior Girder 5	5.77	0.95	1	1	4.854708
HS20_str_opr	BOBJ1	51.4	After	Interior Girder 6	5.77	0.95	1	1	5.321342
HS20_str_opr	BOBJ1	51.4	After	Right Exterior Girder	5.77	0.95	1	1	4.685845
HS20_str_opr	BOBJ1	57.17	Before	Left Exterior Girder	11.54	0.95	1	1	7.122407
HS20_str_opr	BOBJ1	57.17	Before	Interior Girder 1	11.54	0.95	1	1	5.525711
HS20_str_opr	BOBJ1	57.17	Before	Interior Girder 2	11.54	0.95	1	1	4.694606
HS20_str_opr	BOBJ1	57.17	Before	Interior Girder 3	11.54	0.95	1	1	4.441162
HS20_str_opr	BOBJ1	57.17	Before	Interior Girder 4	11.54	0.95	1	1	4.441162
HS20_str_opr	BOBJ1	57.17	Before	Interior Girder 5	11.54	0.95	1	1	4.694606

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelINonCompStrgth-Flx - Approach, Span 16-19									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
HS20_str_opr	BOBJ1	57.17	Before	Interior Girder 6	11.54	0.95	1	1	5.525711
HS20_str_opr	BOBJ1	57.17	Before	Right Exterior Girder	11.54	0.95	1	1	7.122407
HS20_str_opr	BOBJ1	57.17	After	Left Exterior Girder	11.54	0.95	1	1	7.267318
HS20_str_opr	BOBJ1	57.17	After	Interior Girder 1	11.54	0.95	1	1	5.445034
HS20_str_opr	BOBJ1	57.17	After	Interior Girder 2	11.54	0.95	1	1	4.657597
HS20_str_opr	BOBJ1	57.17	After	Interior Girder 3	11.54	0.95	1	1	4.500555
HS20_str_opr	BOBJ1	57.17	After	Interior Girder 4	11.54	0.95	1	1	4.500555
HS20_str_opr	BOBJ1	57.17	After	Interior Girder 5	11.54	0.95	1	1	4.657597
HS20_str_opr	BOBJ1	57.17	After	Interior Girder 6	11.54	0.95	1	1	5.445034
HS20_str_opr	BOBJ1	57.17	After	Right Exterior Girder	11.54	0.95	1	1	7.267318
HS20_str_opr	BOBJ1	63.34	Before	Left Exterior Girder	17.71	0.95	1	1	3.455985
HS20_str_opr	BOBJ1	63.34	Before	Interior Girder 1	17.71	0.95	1	1	2.609041
HS20_str_opr	BOBJ1	63.34	Before	Interior Girder 2	17.71	0.95	1	1	2.445387
HS20_str_opr	BOBJ1	63.34	Before	Interior Girder 3	17.71	0.95	1	1	2.321123
HS20_str_opr	BOBJ1	63.34	Before	Interior Girder 4	17.71	0.95	1	1	2.321123
HS20_str_opr	BOBJ1	63.34	Before	Interior Girder 5	17.71	0.95	1	1	2.445387
HS20_str_opr	BOBJ1	63.34	Before	Interior Girder 6	17.71	0.95	1	1	2.609041
HS20_str_opr	BOBJ1	63.34	Before	Right Exterior Girder	17.71	0.95	1	1	3.455985
HS20_str_opr	BOBJ1	63.34	After	Left Exterior Girder	17.71	0.95	1	1	3.559864
HS20_str_opr	BOBJ1	63.34	After	Interior Girder 1	17.71	0.95	1	1	2.566082
HS20_str_opr	BOBJ1	63.34	After	Interior Girder 2	17.71	0.95	1	1	2.437758
HS20_str_opr	BOBJ1	63.34	After	Interior Girder 3	17.71	0.95	1	1	2.354907
HS20_str_opr	BOBJ1	63.34	After	Interior Girder 4	17.71	0.95	1	1	2.354907
HS20_str_opr	BOBJ1	63.34	After	Interior Girder 5	17.71	0.95	1	1	2.437758
HS20_str_opr	BOBJ1	63.34	After	Interior Girder 6	17.71	0.95	1	1	2.566082
HS20_str_opr	BOBJ1	63.34	After	Right Exterior Girder	17.71	0.95	1	1	3.559864
HS20_str_opr	BOBJ1	69.51	Before	Left Exterior Girder	23.88	0.95	1	1	2.169729
HS20_str_opr	BOBJ1	69.51	Before	Interior Girder 1	23.88	0.95	1	1	1.817459
HS20_str_opr	BOBJ1	69.51	Before	Interior Girder 2	23.88	0.95	1	1	1.755908
HS20_str_opr	BOBJ1	69.51	Before	Interior Girder 3	23.88	0.95	1	1	1.711661
HS20_str_opr	BOBJ1	69.51	Before	Interior Girder 4	23.88	0.95	1	1	1.711661
HS20_str_opr	BOBJ1	69.51	Before	Interior Girder 5	23.88	0.95	1	1	1.755908
HS20_str_opr	BOBJ1	69.51	Before	Interior Girder 6	23.88	0.95	1	1	1.817459
HS20_str_opr	BOBJ1	69.51	Before	Right Exterior Girder	23.88	0.95	1	1	2.169729
HS20_str_opr	BOBJ1	69.51	After	Left Exterior Girder	23.88	0.95	1	1	2.184938
HS20_str_opr	BOBJ1	69.51	After	Interior Girder 1	23.88	0.95	1	1	1.81732
HS20_str_opr	BOBJ1	69.51	After	Interior Girder 2	23.88	0.95	1	1	1.76489
HS20_str_opr	BOBJ1	69.51	After	Interior Girder 3	23.88	0.95	1	1	1.729344
HS20_str_opr	BOBJ1	69.51	After	Interior Girder 4	23.88	0.95	1	1	1.729344
HS20_str_opr	BOBJ1	69.51	After	Interior Girder 5	23.88	0.95	1	1	1.76489
HS20_str_opr	BOBJ1	69.51	After	Interior Girder 6	23.88	0.95	1	1	1.81732
HS20_str_opr	BOBJ1	69.51	After	Right Exterior Girder	23.88	0.95	1	1	2.184938
HS20_str_opr	BOBJ1	75.68	Before	Left Exterior Girder	30.05	0.95	1	1	1.658025
HS20_str_opr	BOBJ1	75.68	Before	Interior Girder 1	30.05	0.95	1	1	1.619819
HS20_str_opr	BOBJ1	75.68	Before	Interior Girder 2	30.05	0.95	1	1	1.592284
HS20_str_opr	BOBJ1	75.68	Before	Interior Girder 3	30.05	0.95	1	1	1.583032
HS20_str_opr	BOBJ1	75.68	Before	Interior Girder 4	30.05	0.95	1	1	1.583032
HS20_str_opr	BOBJ1	75.68	Before	Interior Girder 5	30.05	0.95	1	1	1.592284
HS20_str_opr	BOBJ1	75.68	Before	Interior Girder 6	30.05	0.95	1	1	1.619819
HS20_str_opr	BOBJ1	75.68	Before	Right Exterior Girder	30.05	0.95	1	1	1.658025
HS20_str_opr	BOBJ1	75.68	After	Left Exterior Girder	30.05	0.95	1	1	1.668095
HS20_str_opr	BOBJ1	75.68	After	Interior Girder 1	30.05	0.95	1	1	1.614886
HS20_str_opr	BOBJ1	75.68	After	Interior Girder 2	30.05	0.95	1	1	1.588291
HS20_str_opr	BOBJ1	75.68	After	Interior Girder 3	30.05	0.95	1	1	1.585511
HS20_str_opr	BOBJ1	75.68	After	Interior Girder 4	30.05	0.95	1	1	1.585511
HS20_str_opr	BOBJ1	75.68	After	Interior Girder 5	30.05	0.95	1	1	1.588291
HS20_str_opr	BOBJ1	75.68	After	Interior Girder 6	30.05	0.95	1	1	1.614886
HS20_str_opr	BOBJ1	75.68	After	Right Exterior Girder	30.05	0.95	1	1	1.668095
HS20_str_opr	BOBJ1	81.8467	Before	Left Exterior Girder	36.2167	0.95	1	1	1.724899
HS20_str_opr	BOBJ1	81.8467	Before	Interior Girder 1	36.2167	0.95	1	1	1.517627
HS20_str_opr	BOBJ1	81.8467	Before	Interior Girder 2	36.2167	0.95	1	1	1.495371
HS20_str_opr	BOBJ1	81.8467	Before	Interior Girder 3	36.2167	0.95	1	1	1.469649
HS20_str_opr	BOBJ1	81.8467	Before	Interior Girder 4	36.2167	0.95	1	1	1.469649
HS20_str_opr	BOBJ1	81.8467	Before	Interior Girder 5	36.2167	0.95	1	1	1.495371
HS20_str_opr	BOBJ1	81.8467	Before	Interior Girder 6	36.2167	0.95	1	1	1.517627

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelINonCompStrgth-Flx - Approach, Span 16-19									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
HS20_str_opr	BOBJ1	81.8467	Before	Right Exterior Girder	36.2167	0.95	1	1	1.724899
HS20_str_opr	BOBJ1	81.8467	After	Left Exterior Girder	36.2167	0.95	1	1	1.728378
HS20_str_opr	BOBJ1	81.8467	After	Interior Girder 1	36.2167	0.95	1	1	1.508949
HS20_str_opr	BOBJ1	81.8467	After	Interior Girder 2	36.2167	0.95	1	1	1.489077
HS20_str_opr	BOBJ1	81.8467	After	Interior Girder 3	36.2167	0.95	1	1	1.460057
HS20_str_opr	BOBJ1	81.8467	After	Interior Girder 4	36.2167	0.95	1	1	1.460057
HS20_str_opr	BOBJ1	81.8467	After	Interior Girder 5	36.2167	0.95	1	1	1.489077
HS20_str_opr	BOBJ1	81.8467	After	Interior Girder 6	36.2167	0.95	1	1	1.508949
HS20_str_opr	BOBJ1	81.8467	After	Right Exterior Girder	36.2167	0.95	1	1	1.728378
HS20_str_opr	BOBJ1	88.0133	Before	Left Exterior Girder	42.3833	0.95	1	1	2.082548
HS20_str_opr	BOBJ1	88.0133	Before	Interior Girder 1	42.3833	0.95	1	1	1.716999
HS20_str_opr	BOBJ1	88.0133	Before	Interior Girder 2	42.3833	0.95	1	1	1.683516
HS20_str_opr	BOBJ1	88.0133	Before	Interior Girder 3	42.3833	0.95	1	1	1.643881
HS20_str_opr	BOBJ1	88.0133	Before	Interior Girder 4	42.3833	0.95	1	1	1.643881
HS20_str_opr	BOBJ1	88.0133	Before	Interior Girder 5	42.3833	0.95	1	1	1.683516
HS20_str_opr	BOBJ1	88.0133	Before	Interior Girder 6	42.3833	0.95	1	1	1.716999
HS20_str_opr	BOBJ1	88.0133	Before	Right Exterior Girder	42.3833	0.95	1	1	2.082548
HS20_str_opr	BOBJ1	88.0133	After	Left Exterior Girder	42.3833	0.95	1	1	2.033773
HS20_str_opr	BOBJ1	88.0133	After	Interior Girder 1	42.3833	0.95	1	1	1.737645
HS20_str_opr	BOBJ1	88.0133	After	Interior Girder 2	42.3833	0.95	1	1	1.691462
HS20_str_opr	BOBJ1	88.0133	After	Interior Girder 3	42.3833	0.95	1	1	1.634038
HS20_str_opr	BOBJ1	88.0133	After	Interior Girder 4	42.3833	0.95	1	1	1.634038
HS20_str_opr	BOBJ1	88.0133	After	Interior Girder 5	42.3833	0.95	1	1	1.691462
HS20_str_opr	BOBJ1	88.0133	After	Interior Girder 6	42.3833	0.95	1	1	1.737645
HS20_str_opr	BOBJ1	88.0133	After	Right Exterior Girder	42.3833	0.95	1	1	2.033773
HS20_str_opr	BOBJ1	94.18	Before	Left Exterior Girder	48.55	0.95	1	1	2.853606
HS20_str_opr	BOBJ1	94.18	Before	Interior Girder 1	48.55	0.95	1	1	2.588208
HS20_str_opr	BOBJ1	94.18	Before	Interior Girder 2	48.55	0.95	1	1	2.398961
HS20_str_opr	BOBJ1	94.18	Before	Interior Girder 3	48.55	0.95	1	1	2.357287
HS20_str_opr	BOBJ1	94.18	Before	Interior Girder 4	48.55	0.95	1	1	2.357287
HS20_str_opr	BOBJ1	94.18	Before	Interior Girder 5	48.55	0.95	1	1	2.398961
HS20_str_opr	BOBJ1	94.18	Before	Interior Girder 6	48.55	0.95	1	1	2.588208
HS20_str_opr	BOBJ1	94.18	Before	Right Exterior Girder	48.55	0.95	1	1	2.853606
HS20_str_opr	BOBJ1	94.18	After	Left Exterior Girder	48.55	0.95	1	1	2.791869
HS20_str_opr	BOBJ1	94.18	After	Interior Girder 1	48.55	0.95	1	1	2.616542
HS20_str_opr	BOBJ1	94.18	After	Interior Girder 2	48.55	0.95	1	1	2.412354
HS20_str_opr	BOBJ1	94.18	After	Interior Girder 3	48.55	0.95	1	1	2.338408
HS20_str_opr	BOBJ1	94.18	After	Interior Girder 4	48.55	0.95	1	1	2.338408
HS20_str_opr	BOBJ1	94.18	After	Interior Girder 5	48.55	0.95	1	1	2.412354
HS20_str_opr	BOBJ1	94.18	After	Interior Girder 6	48.55	0.95	1	1	2.616542
HS20_str_opr	BOBJ1	94.18	After	Right Exterior Girder	48.55	0.95	1	1	2.791869
HS20_str_opr	BOBJ1	100.3567	Before	Left Exterior Girder	54.7267	0.95	1	1	5.486752
HS20_str_opr	BOBJ1	100.3567	Before	Interior Girder 1	54.7267	0.95	1	1	4.231493
HS20_str_opr	BOBJ1	100.3567	Before	Interior Girder 2	54.7267	0.95	1	1	3.82939
HS20_str_opr	BOBJ1	100.3567	Before	Interior Girder 3	54.7267	0.95	1	1	3.732351
HS20_str_opr	BOBJ1	100.3567	Before	Interior Girder 4	54.7267	0.95	1	1	3.732351
HS20_str_opr	BOBJ1	100.3567	Before	Interior Girder 5	54.7267	0.95	1	1	3.82939
HS20_str_opr	BOBJ1	100.3567	Before	Interior Girder 6	54.7267	0.95	1	1	4.231493
HS20_str_opr	BOBJ1	100.3567	Before	Right Exterior Girder	54.7267	0.95	1	1	5.486752
HS20_str_opr	BOBJ1	100.3567	After	Left Exterior Girder	54.7267	0.95	1	1	5.575509
HS20_str_opr	BOBJ1	100.3567	After	Interior Girder 1	54.7267	0.95	1	1	4.228407
HS20_str_opr	BOBJ1	100.3567	After	Interior Girder 2	54.7267	0.95	1	1	3.82242
HS20_str_opr	BOBJ1	100.3567	After	Interior Girder 3	54.7267	0.95	1	1	3.623851
HS20_str_opr	BOBJ1	100.3567	After	Interior Girder 4	54.7267	0.95	1	1	3.623851
HS20_str_opr	BOBJ1	100.3567	After	Interior Girder 5	54.7267	0.95	1	1	3.82242
HS20_str_opr	BOBJ1	100.3567	After	Interior Girder 6	54.7267	0.95	1	1	4.228407
HS20_str_opr	BOBJ1	100.3567	After	Right Exterior Girder	54.7267	0.95	1	1	5.575509
HS20_str_opr	BOBJ1	106.5333	Before	Left Exterior Girder	60.9033	0.95	1	1	3.415959
HS20_str_opr	BOBJ1	106.5333	Before	Interior Girder 1	60.9033	0.95	1	1	4.530763
HS20_str_opr	BOBJ1	106.5333	Before	Interior Girder 2	60.9033	0.95	1	1	4.265847
HS20_str_opr	BOBJ1	106.5333	Before	Interior Girder 3	60.9033	0.95	1	1	4.017783
HS20_str_opr	BOBJ1	106.5333	Before	Interior Girder 4	60.9033	0.95	1	1	4.017783
HS20_str_opr	BOBJ1	106.5333	Before	Interior Girder 5	60.9033	0.95	1	1	4.265847
HS20_str_opr	BOBJ1	106.5333	Before	Interior Girder 6	60.9033	0.95	1	1	4.530763
HS20_str_opr	BOBJ1	106.5333	Before	Right Exterior Girder	60.9033	0.95	1	1	3.415959

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelINonCompStrgth-Flx - Approach, Span 16-19									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
HS20_str_opr	BOBJ1	106.5333	After	Left Exterior Girder	60.9033	0.95	1	1	3.515862
HS20_str_opr	BOBJ1	106.5333	After	Interior Girder 1	60.9033	0.95	1	1	4.417237
HS20_str_opr	BOBJ1	106.5333	After	Interior Girder 2	60.9033	0.95	1	1	4.178953
HS20_str_opr	BOBJ1	106.5333	After	Interior Girder 3	60.9033	0.95	1	1	3.935391
HS20_str_opr	BOBJ1	106.5333	After	Interior Girder 4	60.9033	0.95	1	1	3.935391
HS20_str_opr	BOBJ1	106.5333	After	Interior Girder 5	60.9033	0.95	1	1	4.178953
HS20_str_opr	BOBJ1	106.5333	After	Interior Girder 6	60.9033	0.95	1	1	4.417237
HS20_str_opr	BOBJ1	106.5333	After	Right Exterior Girder	60.9033	0.95	1	1	3.515862
HS20_str_opr	BOBJ1	108.2102	Before	Left Exterior Girder	62.5802	0.95	1	1	2.870122
HS20_str_opr	BOBJ1	108.2102	Before	Right Exterior Girder	62.5802	0.95	1	1	2.870122
HS20_str_opr	BOBJ1	108.2102	After	Left Exterior Girder	62.5802	0.95	1	1	4.45258
HS20_str_opr	BOBJ1	108.2102	After	Right Exterior Girder	62.5802	0.95	1	1	4.45258
HS20_str_opr	BOBJ1	112.71	Before	Left Exterior Girder	67.08	0.95	1	1	1.982657
HS20_str_opr	BOBJ1	112.71	Before	Interior Girder 1	67.08	0.95	1	1	1.917848
HS20_str_opr	BOBJ1	112.71	Before	Interior Girder 2	67.08	0.95	1	1	1.889437
HS20_str_opr	BOBJ1	112.71	Before	Interior Girder 3	67.08	0.95	1	1	1.581984
HS20_str_opr	BOBJ1	112.71	Before	Interior Girder 4	67.08	0.95	1	1	1.581984
HS20_str_opr	BOBJ1	112.71	Before	Interior Girder 5	67.08	0.95	1	1	1.889437
HS20_str_opr	BOBJ1	112.71	Before	Interior Girder 6	67.08	0.95	1	1	1.917848
HS20_str_opr	BOBJ1	112.71	Before	Right Exterior Girder	67.08	0.95	1	1	1.982657
HS20_str_opr	BOBJ1	112.71	After	Left Exterior Girder	0	0.95	1	1	1.973061
HS20_str_opr	BOBJ1	112.71	After	Interior Girder 1	0	0.95	1	1	2.096444
HS20_str_opr	BOBJ1	112.71	After	Interior Girder 2	0	0.95	1	1	2.021852
HS20_str_opr	BOBJ1	112.71	After	Interior Girder 3	0	0.95	1	1	1.67636
HS20_str_opr	BOBJ1	112.71	After	Interior Girder 4	0	0.95	1	1	1.67636
HS20_str_opr	BOBJ1	112.71	After	Interior Girder 5	0	0.95	1	1	2.021852
HS20_str_opr	BOBJ1	112.71	After	Interior Girder 6	0	0.95	1	1	2.096444
HS20_str_opr	BOBJ1	112.71	After	Right Exterior Girder	0	0.95	1	1	1.973061
HS20_str_opr	BOBJ1	117.21	Before	Left Exterior Girder	4.5	0.95	1	1	2.994081
HS20_str_opr	BOBJ1	117.21	Before	Right Exterior Girder	4.5	0.95	1	1	2.994081
HS20_str_opr	BOBJ1	117.21	After	Left Exterior Girder	4.5	0.95	1	1	1.912124
HS20_str_opr	BOBJ1	117.21	After	Right Exterior Girder	4.5	0.95	1	1	1.912124
HS20_str_opr	BOBJ1	119.1	Before	Left Exterior Girder	6.39	0.95	1	1	2.362903
HS20_str_opr	BOBJ1	119.1	Before	Interior Girder 1	6.39	0.95	1	1	3.249735
HS20_str_opr	BOBJ1	119.1	Before	Interior Girder 2	6.39	0.95	1	1	3.205338
HS20_str_opr	BOBJ1	119.1	Before	Interior Girder 3	6.39	0.95	1	1	3.096932
HS20_str_opr	BOBJ1	119.1	Before	Interior Girder 4	6.39	0.95	1	1	3.096932
HS20_str_opr	BOBJ1	119.1	Before	Interior Girder 5	6.39	0.95	1	1	3.205338
HS20_str_opr	BOBJ1	119.1	Before	Interior Girder 6	6.39	0.95	1	1	3.249735
HS20_str_opr	BOBJ1	119.1	Before	Right Exterior Girder	6.39	0.95	1	1	2.362903
HS20_str_opr	BOBJ1	119.1	After	Left Exterior Girder	6.39	0.95	1	1	2.312064
HS20_str_opr	BOBJ1	119.1	After	Interior Girder 1	6.39	0.95	1	1	3.311024
HS20_str_opr	BOBJ1	119.1	After	Interior Girder 2	6.39	0.95	1	1	3.25795
HS20_str_opr	BOBJ1	119.1	After	Interior Girder 3	6.39	0.95	1	1	3.120623
HS20_str_opr	BOBJ1	119.1	After	Interior Girder 4	6.39	0.95	1	1	3.120623
HS20_str_opr	BOBJ1	119.1	After	Interior Girder 5	6.39	0.95	1	1	3.25795
HS20_str_opr	BOBJ1	119.1	After	Interior Girder 6	6.39	0.95	1	1	3.311024
HS20_str_opr	BOBJ1	119.1	After	Right Exterior Girder	6.39	0.95	1	1	2.312064
HS20_str_opr	BOBJ1	125.49	Before	Left Exterior Girder	12.78	0.95	1	1	3.807913
HS20_str_opr	BOBJ1	125.49	Before	Interior Girder 1	12.78	0.95	1	1	4.031601
HS20_str_opr	BOBJ1	125.49	Before	Interior Girder 2	12.78	0.95	1	1	3.673381
HS20_str_opr	BOBJ1	125.49	Before	Interior Girder 3	12.78	0.95	1	1	3.525049
HS20_str_opr	BOBJ1	125.49	Before	Interior Girder 4	12.78	0.95	1	1	3.525049
HS20_str_opr	BOBJ1	125.49	Before	Interior Girder 5	12.78	0.95	1	1	3.673381
HS20_str_opr	BOBJ1	125.49	Before	Interior Girder 6	12.78	0.95	1	1	4.031601
HS20_str_opr	BOBJ1	125.49	Before	Right Exterior Girder	12.78	0.95	1	1	3.807913
HS20_str_opr	BOBJ1	125.49	After	Left Exterior Girder	12.78	0.95	1	1	3.755312
HS20_str_opr	BOBJ1	125.49	After	Interior Girder 1	12.78	0.95	1	1	4.054584
HS20_str_opr	BOBJ1	125.49	After	Interior Girder 2	12.78	0.95	1	1	3.697956
HS20_str_opr	BOBJ1	125.49	After	Interior Girder 3	12.78	0.95	1	1	3.62131
HS20_str_opr	BOBJ1	125.49	After	Interior Girder 4	12.78	0.95	1	1	3.62131
HS20_str_opr	BOBJ1	125.49	After	Interior Girder 5	12.78	0.95	1	1	3.697956
HS20_str_opr	BOBJ1	125.49	After	Interior Girder 6	12.78	0.95	1	1	4.054584
HS20_str_opr	BOBJ1	125.49	After	Right Exterior Girder	12.78	0.95	1	1	3.755312
HS20_str_opr	BOBJ1	131.88	Before	Left Exterior Girder	19.17	0.95	1	1	3.085695

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelINonCompStrgth-Flx - Approach, Span 16-19									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
HS20_str_opr	BOBJ1	131.88	Before	Interior Girder 1	19.17	0.95	1	1	2.892844
HS20_str_opr	BOBJ1	131.88	Before	Interior Girder 2	19.17	0.95	1	1	2.63761
HS20_str_opr	BOBJ1	131.88	Before	Interior Girder 3	19.17	0.95	1	1	2.5283
HS20_str_opr	BOBJ1	131.88	Before	Interior Girder 4	19.17	0.95	1	1	2.5283
HS20_str_opr	BOBJ1	131.88	Before	Interior Girder 5	19.17	0.95	1	1	2.63761
HS20_str_opr	BOBJ1	131.88	Before	Interior Girder 6	19.17	0.95	1	1	2.892844
HS20_str_opr	BOBJ1	131.88	Before	Right Exterior Girder	19.17	0.95	1	1	3.085695
HS20_str_opr	BOBJ1	131.88	After	Left Exterior Girder	19.17	0.95	1	1	3.11355
HS20_str_opr	BOBJ1	131.88	After	Interior Girder 1	19.17	0.95	1	1	2.879075
HS20_str_opr	BOBJ1	131.88	After	Interior Girder 2	19.17	0.95	1	1	2.62898
HS20_str_opr	BOBJ1	131.88	After	Interior Girder 3	19.17	0.95	1	1	2.544312
HS20_str_opr	BOBJ1	131.88	After	Interior Girder 4	19.17	0.95	1	1	2.544312
HS20_str_opr	BOBJ1	131.88	After	Interior Girder 5	19.17	0.95	1	1	2.62898
HS20_str_opr	BOBJ1	131.88	After	Interior Girder 6	19.17	0.95	1	1	2.879075
HS20_str_opr	BOBJ1	131.88	After	Right Exterior Girder	19.17	0.95	1	1	3.11355
HS20_str_opr	BOBJ1	138.27	Before	Left Exterior Girder	25.56	0.95	1	1	2.737445
HS20_str_opr	BOBJ1	138.27	Before	Interior Girder 1	25.56	0.95	1	1	2.233467
HS20_str_opr	BOBJ1	138.27	Before	Interior Girder 2	25.56	0.95	1	1	2.11173
HS20_str_opr	BOBJ1	138.27	Before	Interior Girder 3	25.56	0.95	1	1	2.000747
HS20_str_opr	BOBJ1	138.27	Before	Interior Girder 4	25.56	0.95	1	1	2.000747
HS20_str_opr	BOBJ1	138.27	Before	Interior Girder 5	25.56	0.95	1	1	2.11173
HS20_str_opr	BOBJ1	138.27	Before	Interior Girder 6	25.56	0.95	1	1	2.233467
HS20_str_opr	BOBJ1	138.27	Before	Right Exterior Girder	25.56	0.95	1	1	2.737445
HS20_str_opr	BOBJ1	138.27	After	Left Exterior Girder	25.56	0.95	1	1	2.769259
HS20_str_opr	BOBJ1	138.27	After	Interior Girder 1	25.56	0.95	1	1	2.219784
HS20_str_opr	BOBJ1	138.27	After	Interior Girder 2	25.56	0.95	1	1	2.1072
HS20_str_opr	BOBJ1	138.27	After	Interior Girder 3	25.56	0.95	1	1	2.00808
HS20_str_opr	BOBJ1	138.27	After	Interior Girder 4	25.56	0.95	1	1	2.00808
HS20_str_opr	BOBJ1	138.27	After	Interior Girder 5	25.56	0.95	1	1	2.1072
HS20_str_opr	BOBJ1	138.27	After	Interior Girder 6	25.56	0.95	1	1	2.219784
HS20_str_opr	BOBJ1	138.27	After	Right Exterior Girder	25.56	0.95	1	1	2.769259
HS20_str_opr	BOBJ1	144.66	Before	Left Exterior Girder	31.95	0.95	1	1	2.829307
HS20_str_opr	BOBJ1	144.66	Before	Interior Girder 1	31.95	0.95	1	1	2.243288
HS20_str_opr	BOBJ1	144.66	Before	Interior Girder 2	31.95	0.95	1	1	2.130386
HS20_str_opr	BOBJ1	144.66	Before	Interior Girder 3	31.95	0.95	1	1	2.030433
HS20_str_opr	BOBJ1	144.66	Before	Interior Girder 4	31.95	0.95	1	1	2.030433
HS20_str_opr	BOBJ1	144.66	Before	Interior Girder 5	31.95	0.95	1	1	2.130386
HS20_str_opr	BOBJ1	144.66	Before	Interior Girder 6	31.95	0.95	1	1	2.243288
HS20_str_opr	BOBJ1	144.66	Before	Right Exterior Girder	31.95	0.95	1	1	2.829307
HS20_str_opr	BOBJ1	144.66	After	Left Exterior Girder	31.95	0.95	1	1	2.78862
HS20_str_opr	BOBJ1	144.66	After	Interior Girder 1	31.95	0.95	1	1	2.261914
HS20_str_opr	BOBJ1	144.66	After	Interior Girder 2	31.95	0.95	1	1	2.134327
HS20_str_opr	BOBJ1	144.66	After	Interior Girder 3	31.95	0.95	1	1	2.019596
HS20_str_opr	BOBJ1	144.66	After	Interior Girder 4	31.95	0.95	1	1	2.019596
HS20_str_opr	BOBJ1	144.66	After	Interior Girder 5	31.95	0.95	1	1	2.134327
HS20_str_opr	BOBJ1	144.66	After	Interior Girder 6	31.95	0.95	1	1	2.261914
HS20_str_opr	BOBJ1	144.66	After	Right Exterior Girder	31.95	0.95	1	1	2.78862
HS20_str_opr	BOBJ1	151.05	Before	Left Exterior Girder	38.34	0.95	1	1	3.325917
HS20_str_opr	BOBJ1	151.05	Before	Interior Girder 1	38.34	0.95	1	1	2.978718
HS20_str_opr	BOBJ1	151.05	Before	Interior Girder 2	38.34	0.95	1	1	2.708436
HS20_str_opr	BOBJ1	151.05	Before	Interior Girder 3	38.34	0.95	1	1	2.616211
HS20_str_opr	BOBJ1	151.05	Before	Interior Girder 4	38.34	0.95	1	1	2.616211
HS20_str_opr	BOBJ1	151.05	Before	Interior Girder 5	38.34	0.95	1	1	2.708436
HS20_str_opr	BOBJ1	151.05	Before	Interior Girder 6	38.34	0.95	1	1	2.978718
HS20_str_opr	BOBJ1	151.05	Before	Right Exterior Girder	38.34	0.95	1	1	3.325917
HS20_str_opr	BOBJ1	151.05	After	Left Exterior Girder	38.34	0.95	1	1	3.286916
HS20_str_opr	BOBJ1	151.05	After	Interior Girder 1	38.34	0.95	1	1	3.000709
HS20_str_opr	BOBJ1	151.05	After	Interior Girder 2	38.34	0.95	1	1	2.717261
HS20_str_opr	BOBJ1	151.05	After	Interior Girder 3	38.34	0.95	1	1	2.59564
HS20_str_opr	BOBJ1	151.05	After	Interior Girder 4	38.34	0.95	1	1	2.59564
HS20_str_opr	BOBJ1	151.05	After	Interior Girder 5	38.34	0.95	1	1	2.717261
HS20_str_opr	BOBJ1	151.05	After	Interior Girder 6	38.34	0.95	1	1	3.000709
HS20_str_opr	BOBJ1	151.05	After	Right Exterior Girder	38.34	0.95	1	1	3.286916
HS20_str_opr	BOBJ1	157.4367	Before	Left Exterior Girder	44.7267	0.95	1	1	3.811994
HS20_str_opr	BOBJ1	157.4367	Before	Interior Girder 1	44.7267	0.95	1	1	4.032612

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelINonCompStrgth-Flx - Approach, Span 16-19									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
HS20_str_opr	BOBJ1	157.4367	Before	Interior Girder 2	44.7267	0.95	1	1	3.912852
HS20_str_opr	BOBJ1	157.4367	Before	Interior Girder 3	44.7267	0.95	1	1	3.823575
HS20_str_opr	BOBJ1	157.4367	Before	Interior Girder 4	44.7267	0.95	1	1	3.823575
HS20_str_opr	BOBJ1	157.4367	Before	Interior Girder 5	44.7267	0.95	1	1	3.912852
HS20_str_opr	BOBJ1	157.4367	Before	Interior Girder 6	44.7267	0.95	1	1	4.032612
HS20_str_opr	BOBJ1	157.4367	Before	Right Exterior Girder	44.7267	0.95	1	1	3.811994
HS20_str_opr	BOBJ1	157.4367	After	Left Exterior Girder	44.7267	0.95	1	1	3.854782
HS20_str_opr	BOBJ1	157.4367	After	Interior Girder 1	44.7267	0.95	1	1	3.991898
HS20_str_opr	BOBJ1	157.4367	After	Interior Girder 2	44.7267	0.95	1	1	3.909088
HS20_str_opr	BOBJ1	157.4367	After	Interior Girder 3	44.7267	0.95	1	1	3.76422
HS20_str_opr	BOBJ1	157.4367	After	Interior Girder 4	44.7267	0.95	1	1	3.76422
HS20_str_opr	BOBJ1	157.4367	After	Interior Girder 5	44.7267	0.95	1	1	3.909088
HS20_str_opr	BOBJ1	157.4367	After	Interior Girder 6	44.7267	0.95	1	1	3.991898
HS20_str_opr	BOBJ1	157.4367	After	Right Exterior Girder	44.7267	0.95	1	1	3.854782
HS20_str_opr	BOBJ1	158.71	Before	Left Exterior Girder	46	0.95	1	1	3.507428
HS20_str_opr	BOBJ1	158.71	Before	Interior Girder 1	46	0.95	1	1	3.755304
HS20_str_opr	BOBJ1	158.71	Before	Interior Girder 2	46	0.95	1	1	3.649375
HS20_str_opr	BOBJ1	158.71	Before	Interior Girder 3	46	0.95	1	1	3.627784
HS20_str_opr	BOBJ1	158.71	Before	Interior Girder 4	46	0.95	1	1	3.627784
HS20_str_opr	BOBJ1	158.71	Before	Interior Girder 5	46	0.95	1	1	3.649375
HS20_str_opr	BOBJ1	158.71	Before	Interior Girder 6	46	0.95	1	1	3.755304
HS20_str_opr	BOBJ1	158.71	Before	Right Exterior Girder	46	0.95	1	1	3.507428
HS20_str_opr	BOBJ1	158.71	After	Left Exterior Girder	46	0.95	1	1	4.854479
HS20_str_opr	BOBJ1	158.71	After	Interior Girder 1	46	0.95	1	1	4.727089
HS20_str_opr	BOBJ1	158.71	After	Interior Girder 2	46	0.95	1	1	4.575247
HS20_str_opr	BOBJ1	158.71	After	Interior Girder 3	46	0.95	1	1	4.579147
HS20_str_opr	BOBJ1	158.71	After	Interior Girder 4	46	0.95	1	1	4.579147
HS20_str_opr	BOBJ1	158.71	After	Interior Girder 5	46	0.95	1	1	4.575247
HS20_str_opr	BOBJ1	158.71	After	Interior Girder 6	46	0.95	1	1	4.727089
HS20_str_opr	BOBJ1	158.71	After	Right Exterior Girder	46	0.95	1	1	4.854479
HS20_str_opr	BOBJ1	163.8233	Before	Left Exterior Girder	51.1133	0.95	1	1	3.430155
HS20_str_opr	BOBJ1	163.8233	Before	Interior Girder 1	51.1133	0.95	1	1	3.646011
HS20_str_opr	BOBJ1	163.8233	Before	Interior Girder 2	51.1133	0.95	1	1	3.485923
HS20_str_opr	BOBJ1	163.8233	Before	Interior Girder 3	51.1133	0.95	1	1	3.277133
HS20_str_opr	BOBJ1	163.8233	Before	Interior Girder 4	51.1133	0.95	1	1	3.277133
HS20_str_opr	BOBJ1	163.8233	Before	Interior Girder 5	51.1133	0.95	1	1	3.485923
HS20_str_opr	BOBJ1	163.8233	Before	Interior Girder 6	51.1133	0.95	1	1	3.646011
HS20_str_opr	BOBJ1	163.8233	Before	Right Exterior Girder	51.1133	0.95	1	1	3.430155
HS20_str_opr	BOBJ1	163.8233	After	Left Exterior Girder	51.1133	0.95	1	1	3.496124
HS20_str_opr	BOBJ1	163.8233	After	Interior Girder 1	51.1133	0.95	1	1	3.548693
HS20_str_opr	BOBJ1	163.8233	After	Interior Girder 2	51.1133	0.95	1	1	3.414968
HS20_str_opr	BOBJ1	163.8233	After	Interior Girder 3	51.1133	0.95	1	1	3.218557
HS20_str_opr	BOBJ1	163.8233	After	Interior Girder 4	51.1133	0.95	1	1	3.218557
HS20_str_opr	BOBJ1	163.8233	After	Interior Girder 5	51.1133	0.95	1	1	3.414968
HS20_str_opr	BOBJ1	163.8233	After	Interior Girder 6	51.1133	0.95	1	1	3.548693
HS20_str_opr	BOBJ1	163.8233	After	Right Exterior Girder	51.1133	0.95	1	1	3.496124
HS20_str_opr	BOBJ1	164.71	Before	Left Exterior Girder	52	0.95	1	1	3.245715
HS20_str_opr	BOBJ1	164.71	Before	Right Exterior Girder	52	0.95	1	1	3.245715
HS20_str_opr	BOBJ1	164.71	After	Left Exterior Girder	52	0.95	1	1	5.115104
HS20_str_opr	BOBJ1	164.71	After	Right Exterior Girder	52	0.95	1	1	5.115104
HS20_str_opr	BOBJ1	170.21	Before	Left Exterior Girder	57.5	0.95	1	1	3.540388
HS20_str_opr	BOBJ1	170.21	Before	Interior Girder 1	57.5	0.95	1	1	2.171073
HS20_str_opr	BOBJ1	170.21	Before	Interior Girder 2	57.5	0.95	1	1	2.069431
HS20_str_opr	BOBJ1	170.21	Before	Interior Girder 3	57.5	0.95	1	1	1.654575
HS20_str_opr	BOBJ1	170.21	Before	Interior Girder 4	57.5	0.95	1	1	1.654575
HS20_str_opr	BOBJ1	170.21	Before	Interior Girder 5	57.5	0.95	1	1	2.069431
HS20_str_opr	BOBJ1	170.21	Before	Interior Girder 6	57.5	0.95	1	1	2.171073
HS20_str_opr	BOBJ1	170.21	Before	Right Exterior Girder	57.5	0.95	1	1	3.540388
HS20_str_opr	BOBJ1	170.21	After	Left Exterior Girder	0	0.95	1	1	3.599621
HS20_str_opr	BOBJ1	170.21	After	Interior Girder 1	0	0.95	1	1	2.793063
HS20_str_opr	BOBJ1	170.21	After	Interior Girder 2	0	0.95	1	1	2.648922
HS20_str_opr	BOBJ1	170.21	After	Interior Girder 3	0	0.95	1	1	2.189984
HS20_str_opr	BOBJ1	170.21	After	Interior Girder 4	0	0.95	1	1	2.189984
HS20_str_opr	BOBJ1	170.21	After	Interior Girder 5	0	0.95	1	1	2.648922
HS20_str_opr	BOBJ1	170.21	After	Interior Girder 6	0	0.95	1	1	2.793063

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelINonCompStrgth-Flx - Approach, Span 16-19									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
HS20_str_opr	BOBJ1	170.21	After	Right Exterior Girder	0	0.95	1	1	3.599621
HS20_str_opr	BOBJ1	176.21	Before	Left Exterior Girder	6	0.95	1	1	6.158971
HS20_str_opr	BOBJ1	176.21	Before	Right Exterior Girder	6	0.95	1	1	6.158971
HS20_str_opr	BOBJ1	176.21	After	Left Exterior Girder	6	0.95	1	1	4.019899
HS20_str_opr	BOBJ1	176.21	After	Right Exterior Girder	6	0.95	1	1	4.019899
HS20_str_opr	BOBJ1	176.6	Before	Left Exterior Girder	6.39	0.95	1	1	4.161366
HS20_str_opr	BOBJ1	176.6	Before	Interior Girder 1	6.39	0.95	1	1	4.98144
HS20_str_opr	BOBJ1	176.6	Before	Interior Girder 2	6.39	0.95	1	1	4.680515
HS20_str_opr	BOBJ1	176.6	Before	Interior Girder 3	6.39	0.95	1	1	4.428849
HS20_str_opr	BOBJ1	176.6	Before	Interior Girder 4	6.39	0.95	1	1	4.428849
HS20_str_opr	BOBJ1	176.6	Before	Interior Girder 5	6.39	0.95	1	1	4.680515
HS20_str_opr	BOBJ1	176.6	Before	Interior Girder 6	6.39	0.95	1	1	4.98144
HS20_str_opr	BOBJ1	176.6	Before	Right Exterior Girder	6.39	0.95	1	1	4.161366
HS20_str_opr	BOBJ1	176.6	After	Left Exterior Girder	6.39	0.95	1	1	4.050877
HS20_str_opr	BOBJ1	176.6	After	Interior Girder 1	6.39	0.95	1	1	5.112279
HS20_str_opr	BOBJ1	176.6	After	Interior Girder 2	6.39	0.95	1	1	4.786245
HS20_str_opr	BOBJ1	176.6	After	Interior Girder 3	6.39	0.95	1	1	4.518881
HS20_str_opr	BOBJ1	176.6	After	Interior Girder 4	6.39	0.95	1	1	4.518881
HS20_str_opr	BOBJ1	176.6	After	Interior Girder 5	6.39	0.95	1	1	4.786245
HS20_str_opr	BOBJ1	176.6	After	Interior Girder 6	6.39	0.95	1	1	5.112279
HS20_str_opr	BOBJ1	176.6	After	Right Exterior Girder	6.39	0.95	1	1	4.050877
HS20_str_opr	BOBJ1	182.99	Before	Left Exterior Girder	12.78	0.95	1	1	6.135763
HS20_str_opr	BOBJ1	182.99	Before	Interior Girder 1	12.78	0.95	1	1	4.473595
HS20_str_opr	BOBJ1	182.99	Before	Interior Girder 2	12.78	0.95	1	1	4.06795
HS20_str_opr	BOBJ1	182.99	Before	Interior Girder 3	12.78	0.95	1	1	3.941111
HS20_str_opr	BOBJ1	182.99	Before	Interior Girder 4	12.78	0.95	1	1	3.941111
HS20_str_opr	BOBJ1	182.99	Before	Interior Girder 5	12.78	0.95	1	1	4.06795
HS20_str_opr	BOBJ1	182.99	Before	Interior Girder 6	12.78	0.95	1	1	4.473595
HS20_str_opr	BOBJ1	182.99	Before	Right Exterior Girder	12.78	0.95	1	1	6.135763
HS20_str_opr	BOBJ1	182.99	After	Left Exterior Girder	12.78	0.95	1	1	6.06598
HS20_str_opr	BOBJ1	182.99	After	Interior Girder 1	12.78	0.95	1	1	4.48743
HS20_str_opr	BOBJ1	182.99	After	Interior Girder 2	12.78	0.95	1	1	4.093243
HS20_str_opr	BOBJ1	182.99	After	Interior Girder 3	12.78	0.95	1	1	4.072086
HS20_str_opr	BOBJ1	182.99	After	Interior Girder 4	12.78	0.95	1	1	4.072086
HS20_str_opr	BOBJ1	182.99	After	Interior Girder 5	12.78	0.95	1	1	4.093243
HS20_str_opr	BOBJ1	182.99	After	Interior Girder 6	12.78	0.95	1	1	4.48743
HS20_str_opr	BOBJ1	182.99	After	Right Exterior Girder	12.78	0.95	1	1	6.06598
HS20_str_opr	BOBJ1	189.38	Before	Left Exterior Girder	19.17	0.95	1	1	3.254639
HS20_str_opr	BOBJ1	189.38	Before	Interior Girder 1	19.17	0.95	1	1	2.860139
HS20_str_opr	BOBJ1	189.38	Before	Interior Girder 2	19.17	0.95	1	1	2.627429
HS20_str_opr	BOBJ1	189.38	Before	Interior Girder 3	19.17	0.95	1	1	2.549842
HS20_str_opr	BOBJ1	189.38	Before	Interior Girder 4	19.17	0.95	1	1	2.549842
HS20_str_opr	BOBJ1	189.38	Before	Interior Girder 5	19.17	0.95	1	1	2.627429
HS20_str_opr	BOBJ1	189.38	Before	Interior Girder 6	19.17	0.95	1	1	2.860139
HS20_str_opr	BOBJ1	189.38	Before	Right Exterior Girder	19.17	0.95	1	1	3.254639
HS20_str_opr	BOBJ1	189.38	After	Left Exterior Girder	19.17	0.95	1	1	3.307438
HS20_str_opr	BOBJ1	189.38	After	Interior Girder 1	19.17	0.95	1	1	2.831696
HS20_str_opr	BOBJ1	189.38	After	Interior Girder 2	19.17	0.95	1	1	2.618051
HS20_str_opr	BOBJ1	189.38	After	Interior Girder 3	19.17	0.95	1	1	2.571603
HS20_str_opr	BOBJ1	189.38	After	Interior Girder 4	19.17	0.95	1	1	2.571603
HS20_str_opr	BOBJ1	189.38	After	Interior Girder 5	19.17	0.95	1	1	2.618051
HS20_str_opr	BOBJ1	189.38	After	Interior Girder 6	19.17	0.95	1	1	2.831696
HS20_str_opr	BOBJ1	189.38	After	Right Exterior Girder	19.17	0.95	1	1	3.307438
HS20_str_opr	BOBJ1	195.77	Before	Left Exterior Girder	25.56	0.95	1	1	2.46765
HS20_str_opr	BOBJ1	195.77	Before	Interior Girder 1	25.56	0.95	1	1	1.956368
HS20_str_opr	BOBJ1	195.77	Before	Interior Girder 2	25.56	0.95	1	1	1.882414
HS20_str_opr	BOBJ1	195.77	Before	Interior Girder 3	25.56	0.95	1	1	1.816588
HS20_str_opr	BOBJ1	195.77	Before	Interior Girder 4	25.56	0.95	1	1	1.816588
HS20_str_opr	BOBJ1	195.77	Before	Interior Girder 5	25.56	0.95	1	1	1.882414
HS20_str_opr	BOBJ1	195.77	Before	Interior Girder 6	25.56	0.95	1	1	1.956368
HS20_str_opr	BOBJ1	195.77	Before	Right Exterior Girder	25.56	0.95	1	1	2.46765
HS20_str_opr	BOBJ1	195.77	After	Left Exterior Girder	25.56	0.95	1	1	2.513483
HS20_str_opr	BOBJ1	195.77	After	Interior Girder 1	25.56	0.95	1	1	1.93425
HS20_str_opr	BOBJ1	195.77	After	Interior Girder 2	25.56	0.95	1	1	1.877477
HS20_str_opr	BOBJ1	195.77	After	Interior Girder 3	25.56	0.95	1	1	1.828107

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelINonCompStrgth-Flx - Approach, Span 16-19									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
HS20_str_opr	BOBJ1	195.77	After	Interior Girder 4	25.56	0.95	1	1	1.828107
HS20_str_opr	BOBJ1	195.77	After	Interior Girder 5	25.56	0.95	1	1	1.877477
HS20_str_opr	BOBJ1	195.77	After	Interior Girder 6	25.56	0.95	1	1	1.93425
HS20_str_opr	BOBJ1	195.77	After	Right Exterior Girder	25.56	0.95	1	1	2.513483
HS20_str_opr	BOBJ1	202.16	Before	Left Exterior Girder	31.95	0.95	1	1	2.184229
HS20_str_opr	BOBJ1	202.16	Before	Interior Girder 1	31.95	0.95	1	1	1.734673
HS20_str_opr	BOBJ1	202.16	Before	Interior Girder 2	31.95	0.95	1	1	1.68664
HS20_str_opr	BOBJ1	202.16	Before	Interior Girder 3	31.95	0.95	1	1	1.644543
HS20_str_opr	BOBJ1	202.16	Before	Interior Girder 4	31.95	0.95	1	1	1.644543
HS20_str_opr	BOBJ1	202.16	Before	Interior Girder 5	31.95	0.95	1	1	1.68664
HS20_str_opr	BOBJ1	202.16	Before	Interior Girder 6	31.95	0.95	1	1	1.734673
HS20_str_opr	BOBJ1	202.16	Before	Right Exterior Girder	31.95	0.95	1	1	2.184229
HS20_str_opr	BOBJ1	202.16	After	Left Exterior Girder	31.95	0.95	1	1	2.169945
HS20_str_opr	BOBJ1	202.16	After	Interior Girder 1	31.95	0.95	1	1	1.739041
HS20_str_opr	BOBJ1	202.16	After	Interior Girder 2	31.95	0.95	1	1	1.691363
HS20_str_opr	BOBJ1	202.16	After	Interior Girder 3	31.95	0.95	1	1	1.646057
HS20_str_opr	BOBJ1	202.16	After	Interior Girder 4	31.95	0.95	1	1	1.646057
HS20_str_opr	BOBJ1	202.16	After	Interior Girder 5	31.95	0.95	1	1	1.691363
HS20_str_opr	BOBJ1	202.16	After	Interior Girder 6	31.95	0.95	1	1	1.739041
HS20_str_opr	BOBJ1	202.16	After	Right Exterior Girder	31.95	0.95	1	1	2.169945
HS20_str_opr	BOBJ1	208.55	Before	Left Exterior Girder	38.34	0.95	1	1	2.11032
HS20_str_opr	BOBJ1	208.55	Before	Interior Girder 1	38.34	0.95	1	1	1.874762
HS20_str_opr	BOBJ1	208.55	Before	Interior Girder 2	38.34	0.95	1	1	1.812669
HS20_str_opr	BOBJ1	208.55	Before	Interior Girder 3	38.34	0.95	1	1	1.790792
HS20_str_opr	BOBJ1	208.55	Before	Interior Girder 4	38.34	0.95	1	1	1.790792
HS20_str_opr	BOBJ1	208.55	Before	Interior Girder 5	38.34	0.95	1	1	1.812669
HS20_str_opr	BOBJ1	208.55	Before	Interior Girder 6	38.34	0.95	1	1	1.874762
HS20_str_opr	BOBJ1	208.55	Before	Right Exterior Girder	38.34	0.95	1	1	2.11032
HS20_str_opr	BOBJ1	208.55	After	Left Exterior Girder	38.34	0.95	1	1	2.090618
HS20_str_opr	BOBJ1	208.55	After	Interior Girder 1	38.34	0.95	1	1	1.88399
HS20_str_opr	BOBJ1	208.55	After	Interior Girder 2	38.34	0.95	1	1	1.812388
HS20_str_opr	BOBJ1	208.55	After	Interior Girder 3	38.34	0.95	1	1	1.783666
HS20_str_opr	BOBJ1	208.55	After	Interior Girder 4	38.34	0.95	1	1	1.783666
HS20_str_opr	BOBJ1	208.55	After	Interior Girder 5	38.34	0.95	1	1	1.812388
HS20_str_opr	BOBJ1	208.55	After	Interior Girder 6	38.34	0.95	1	1	1.88399
HS20_str_opr	BOBJ1	208.55	After	Right Exterior Girder	38.34	0.95	1	1	2.090618
HS20_str_opr	BOBJ1	215.1233	Before	Left Exterior Girder	44.9133	0.95	1	1	2.8688
HS20_str_opr	BOBJ1	215.1233	Before	Interior Girder 1	44.9133	0.95	1	1	2.165967
HS20_str_opr	BOBJ1	215.1233	Before	Interior Girder 2	44.9133	0.95	1	1	2.092298
HS20_str_opr	BOBJ1	215.1233	Before	Interior Girder 3	44.9133	0.95	1	1	2.034037
HS20_str_opr	BOBJ1	215.1233	Before	Interior Girder 4	44.9133	0.95	1	1	2.034037
HS20_str_opr	BOBJ1	215.1233	Before	Interior Girder 5	44.9133	0.95	1	1	2.092298
HS20_str_opr	BOBJ1	215.1233	Before	Interior Girder 6	44.9133	0.95	1	1	2.165967
HS20_str_opr	BOBJ1	215.1233	Before	Right Exterior Girder	44.9133	0.95	1	1	2.8688
HS20_str_opr	BOBJ1	215.1233	After	Left Exterior Girder	44.9133	0.95	1	1	2.848169
HS20_str_opr	BOBJ1	215.1233	After	Interior Girder 1	44.9133	0.95	1	1	2.171572
HS20_str_opr	BOBJ1	215.1233	After	Interior Girder 2	44.9133	0.95	1	1	2.060297
HS20_str_opr	BOBJ1	215.1233	After	Interior Girder 3	44.9133	0.95	1	1	1.987407
HS20_str_opr	BOBJ1	215.1233	After	Interior Girder 4	44.9133	0.95	1	1	1.987407
HS20_str_opr	BOBJ1	215.1233	After	Interior Girder 5	44.9133	0.95	1	1	2.060297
HS20_str_opr	BOBJ1	215.1233	After	Interior Girder 6	44.9133	0.95	1	1	2.171572
HS20_str_opr	BOBJ1	215.1233	After	Right Exterior Girder	44.9133	0.95	1	1	2.848169
HS20_str_opr	BOBJ1	221.6967	Before	Left Exterior Girder	51.4867	0.95	1	1	5.724281
HS20_str_opr	BOBJ1	221.6967	Before	Interior Girder 1	51.4867	0.95	1	1	3.56538
HS20_str_opr	BOBJ1	221.6967	Before	Interior Girder 2	51.4867	0.95	1	1	3.424838
HS20_str_opr	BOBJ1	221.6967	Before	Interior Girder 3	51.4867	0.95	1	1	3.117222
HS20_str_opr	BOBJ1	221.6967	Before	Interior Girder 4	51.4867	0.95	1	1	3.117222
HS20_str_opr	BOBJ1	221.6967	Before	Interior Girder 5	51.4867	0.95	1	1	3.424838
HS20_str_opr	BOBJ1	221.6967	Before	Interior Girder 6	51.4867	0.95	1	1	3.56538
HS20_str_opr	BOBJ1	221.6967	Before	Right Exterior Girder	51.4867	0.95	1	1	5.724281
HS20_str_opr	BOBJ1	221.6967	After	Left Exterior Girder	51.4867	0.95	1	1	5.66679
HS20_str_opr	BOBJ1	221.6967	After	Interior Girder 1	51.4867	0.95	1	1	3.588791
HS20_str_opr	BOBJ1	221.6967	After	Interior Girder 2	51.4867	0.95	1	1	3.376057
HS20_str_opr	BOBJ1	221.6967	After	Interior Girder 3	51.4867	0.95	1	1	2.998031
HS20_str_opr	BOBJ1	221.6967	After	Interior Girder 4	51.4867	0.95	1	1	2.998031

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelINonCompStrgth-Flx - Approach, Span 16-19									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
HS20_str_opr	BOBJ1	221.6967	After	Interior Girder 5	51.4867	0.95	1	1	3.376057
HS20_str_opr	BOBJ1	221.6967	After	Interior Girder 6	51.4867	0.95	1	1	3.588791
HS20_str_opr	BOBJ1	221.6967	After	Right Exterior Girder	51.4867	0.95	1	1	5.66679
HS20_str_opr	BOBJ1	228.27	Before	Left Exterior Girder	58.06	0.95	1	1	446.66353
HS20_str_opr	BOBJ1	228.27	Before	Interior Girder 1	58.06	0.95	1	1	329.12609
HS20_str_opr	BOBJ1	228.27	Before	Interior Girder 2	58.06	0.95	1	1	247.473185
HS20_str_opr	BOBJ1	228.27	Before	Interior Girder 3	58.06	0.95	1	1	179.085332
HS20_str_opr	BOBJ1	228.27	Before	Interior Girder 4	58.06	0.95	1	1	179.085332
HS20_str_opr	BOBJ1	228.27	Before	Interior Girder 5	58.06	0.95	1	1	247.473184
HS20_str_opr	BOBJ1	228.27	Before	Interior Girder 6	58.06	0.95	1	1	329.12609
HS20_str_opr	BOBJ1	228.27	Before	Right Exterior Girder	58.06	0.95	1	1	446.66353
HS20_str_inv	BOBJ1	0	After	Left Exterior Girder	0	0.95	1	1	356.651001
HS20_str_inv	BOBJ1	0	After	Interior Girder 1	0	0.95	1	1	368.951311
HS20_str_inv	BOBJ1	0	After	Interior Girder 2	0	0.95	1	1	206.22122
HS20_str_inv	BOBJ1	0	After	Interior Girder 3	0	0.95	1	1	165.387158
HS20_str_inv	BOBJ1	0	After	Interior Girder 4	0	0.95	1	1	165.387158
HS20_str_inv	BOBJ1	0	After	Interior Girder 5	0	0.95	1	1	206.221222
HS20_str_inv	BOBJ1	0	After	Interior Girder 6	0	0.95	1	1	368.951311
HS20_str_inv	BOBJ1	0	After	Right Exterior Girder	0	0.95	1	1	356.651001
HS20_str_inv	BOBJ1	5.3833	Before	Left Exterior Girder	5.3833	0.95	1	1	4.697115
HS20_str_inv	BOBJ1	5.3833	Before	Interior Girder 1	5.3833	0.95	1	1	2.991286
HS20_str_inv	BOBJ1	5.3833	Before	Interior Girder 2	5.3833	0.95	1	1	2.812337
HS20_str_inv	BOBJ1	5.3833	Before	Interior Girder 3	5.3833	0.95	1	1	2.435985
HS20_str_inv	BOBJ1	5.3833	Before	Interior Girder 4	5.3833	0.95	1	1	2.435985
HS20_str_inv	BOBJ1	5.3833	Before	Interior Girder 5	5.3833	0.95	1	1	2.812337
HS20_str_inv	BOBJ1	5.3833	Before	Interior Girder 6	5.3833	0.95	1	1	2.991286
HS20_str_inv	BOBJ1	5.3833	Before	Right Exterior Girder	5.3833	0.95	1	1	4.697115
HS20_str_inv	BOBJ1	5.3833	After	Left Exterior Girder	5.3833	0.95	1	1	4.759645
HS20_str_inv	BOBJ1	5.3833	After	Interior Girder 1	5.3833	0.95	1	1	2.995814
HS20_str_inv	BOBJ1	5.3833	After	Interior Girder 2	5.3833	0.95	1	1	2.856615
HS20_str_inv	BOBJ1	5.3833	After	Interior Girder 3	5.3833	0.95	1	1	2.518094
HS20_str_inv	BOBJ1	5.3833	After	Interior Girder 4	5.3833	0.95	1	1	2.518094
HS20_str_inv	BOBJ1	5.3833	After	Interior Girder 5	5.3833	0.95	1	1	2.856615
HS20_str_inv	BOBJ1	5.3833	After	Interior Girder 6	5.3833	0.95	1	1	2.995814
HS20_str_inv	BOBJ1	5.3833	After	Right Exterior Girder	5.3833	0.95	1	1	4.759645
HS20_str_inv	BOBJ1	10.7667	Before	Left Exterior Girder	10.7667	0.95	1	1	2.596851
HS20_str_inv	BOBJ1	10.7667	Before	Interior Girder 1	10.7667	0.95	1	1	1.929225
HS20_str_inv	BOBJ1	10.7667	Before	Interior Girder 2	10.7667	0.95	1	1	1.801623
HS20_str_inv	BOBJ1	10.7667	Before	Interior Girder 3	10.7667	0.95	1	1	1.701894
HS20_str_inv	BOBJ1	10.7667	Before	Interior Girder 4	10.7667	0.95	1	1	1.701894
HS20_str_inv	BOBJ1	10.7667	Before	Interior Girder 5	10.7667	0.95	1	1	1.801623
HS20_str_inv	BOBJ1	10.7667	Before	Interior Girder 6	10.7667	0.95	1	1	1.929225
HS20_str_inv	BOBJ1	10.7667	Before	Right Exterior Girder	10.7667	0.95	1	1	2.596851
HS20_str_inv	BOBJ1	10.7667	After	Left Exterior Girder	10.7667	0.95	1	1	2.587506
HS20_str_inv	BOBJ1	10.7667	After	Interior Girder 1	10.7667	0.95	1	1	1.934543
HS20_str_inv	BOBJ1	10.7667	After	Interior Girder 2	10.7667	0.95	1	1	1.829557
HS20_str_inv	BOBJ1	10.7667	After	Interior Girder 3	10.7667	0.95	1	1	1.733863
HS20_str_inv	BOBJ1	10.7667	After	Interior Girder 4	10.7667	0.95	1	1	1.733863
HS20_str_inv	BOBJ1	10.7667	After	Interior Girder 5	10.7667	0.95	1	1	1.829557
HS20_str_inv	BOBJ1	10.7667	After	Interior Girder 6	10.7667	0.95	1	1	1.934543
HS20_str_inv	BOBJ1	10.7667	After	Right Exterior Girder	10.7667	0.95	1	1	2.587506
HS20_str_inv	BOBJ1	16.15	Before	Left Exterior Girder	16.15	0.95	1	1	2.027086
HS20_str_inv	BOBJ1	16.15	Before	Interior Girder 1	16.15	0.95	1	1	1.782565
HS20_str_inv	BOBJ1	16.15	Before	Interior Girder 2	16.15	0.95	1	1	1.664485
HS20_str_inv	BOBJ1	16.15	Before	Interior Girder 3	16.15	0.95	1	1	1.600004
HS20_str_inv	BOBJ1	16.15	Before	Interior Girder 4	16.15	0.95	1	1	1.600004
HS20_str_inv	BOBJ1	16.15	Before	Interior Girder 5	16.15	0.95	1	1	1.664485
HS20_str_inv	BOBJ1	16.15	Before	Interior Girder 6	16.15	0.95	1	1	1.782565
HS20_str_inv	BOBJ1	16.15	Before	Right Exterior Girder	16.15	0.95	1	1	2.027086
HS20_str_inv	BOBJ1	16.15	After	Left Exterior Girder	16.15	0.95	1	1	2.032653
HS20_str_inv	BOBJ1	16.15	After	Interior Girder 1	16.15	0.95	1	1	1.778697
HS20_str_inv	BOBJ1	16.15	After	Interior Girder 2	16.15	0.95	1	1	1.667884
HS20_str_inv	BOBJ1	16.15	After	Interior Girder 3	16.15	0.95	1	1	1.605144
HS20_str_inv	BOBJ1	16.15	After	Interior Girder 4	16.15	0.95	1	1	1.605144
HS20_str_inv	BOBJ1	16.15	After	Interior Girder 5	16.15	0.95	1	1	1.667884

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelINonCompStrgth-Flx - Approach, Span 16-19									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
HS20_str_inv	BOBJ1	16.15	After	Interior Girder 6	16.15	0.95	1	1	1.778697
HS20_str_inv	BOBJ1	16.15	After	Right Exterior Girder	16.15	0.95	1	1	2.032653
HS20_str_inv	BOBJ1	22.1267	Before	Left Exterior Girder	22.1267	0.95	1	1	2.251778
HS20_str_inv	BOBJ1	22.1267	Before	Interior Girder 1	22.1267	0.95	1	1	1.740026
HS20_str_inv	BOBJ1	22.1267	Before	Interior Girder 2	22.1267	0.95	1	1	1.64101
HS20_str_inv	BOBJ1	22.1267	Before	Interior Girder 3	22.1267	0.95	1	1	1.556482
HS20_str_inv	BOBJ1	22.1267	Before	Interior Girder 4	22.1267	0.95	1	1	1.556482
HS20_str_inv	BOBJ1	22.1267	Before	Interior Girder 5	22.1267	0.95	1	1	1.64101
HS20_str_inv	BOBJ1	22.1267	Before	Interior Girder 6	22.1267	0.95	1	1	1.740026
HS20_str_inv	BOBJ1	22.1267	Before	Right Exterior Girder	22.1267	0.95	1	1	2.251778
HS20_str_inv	BOBJ1	22.1267	After	Left Exterior Girder	22.1267	0.95	1	1	2.267725
HS20_str_inv	BOBJ1	22.1267	After	Interior Girder 1	22.1267	0.95	1	1	1.736863
HS20_str_inv	BOBJ1	22.1267	After	Interior Girder 2	22.1267	0.95	1	1	1.633292
HS20_str_inv	BOBJ1	22.1267	After	Interior Girder 3	22.1267	0.95	1	1	1.54545
HS20_str_inv	BOBJ1	22.1267	After	Interior Girder 4	22.1267	0.95	1	1	1.54545
HS20_str_inv	BOBJ1	22.1267	After	Interior Girder 5	22.1267	0.95	1	1	1.633292
HS20_str_inv	BOBJ1	22.1267	After	Interior Girder 6	22.1267	0.95	1	1	1.736863
HS20_str_inv	BOBJ1	22.1267	After	Right Exterior Girder	22.1267	0.95	1	1	2.267725
HS20_str_inv	BOBJ1	28.1033	Before	Left Exterior Girder	28.1033	0.95	1	1	2.838848
HS20_str_inv	BOBJ1	28.1033	Before	Interior Girder 1	28.1033	0.95	1	1	2.04917
HS20_str_inv	BOBJ1	28.1033	Before	Interior Girder 2	28.1033	0.95	1	1	1.935513
HS20_str_inv	BOBJ1	28.1033	Before	Interior Girder 3	28.1033	0.95	1	1	1.845293
HS20_str_inv	BOBJ1	28.1033	Before	Interior Girder 4	28.1033	0.95	1	1	1.845293
HS20_str_inv	BOBJ1	28.1033	Before	Interior Girder 5	28.1033	0.95	1	1	1.935513
HS20_str_inv	BOBJ1	28.1033	Before	Interior Girder 6	28.1033	0.95	1	1	2.04917
HS20_str_inv	BOBJ1	28.1033	Before	Right Exterior Girder	28.1033	0.95	1	1	2.838848
HS20_str_inv	BOBJ1	28.1033	After	Left Exterior Girder	28.1033	0.95	1	1	2.795742
HS20_str_inv	BOBJ1	28.1033	After	Interior Girder 1	28.1033	0.95	1	1	2.066846
HS20_str_inv	BOBJ1	28.1033	After	Interior Girder 2	28.1033	0.95	1	1	1.934448
HS20_str_inv	BOBJ1	28.1033	After	Interior Girder 3	28.1033	0.95	1	1	1.826562
HS20_str_inv	BOBJ1	28.1033	After	Interior Girder 4	28.1033	0.95	1	1	1.826562
HS20_str_inv	BOBJ1	28.1033	After	Interior Girder 5	28.1033	0.95	1	1	1.934448
HS20_str_inv	BOBJ1	28.1033	After	Interior Girder 6	28.1033	0.95	1	1	2.066846
HS20_str_inv	BOBJ1	28.1033	After	Right Exterior Girder	28.1033	0.95	1	1	2.795742
HS20_str_inv	BOBJ1	34.08	Before	Left Exterior Girder	34.08	0.95	1	1	3.143446
HS20_str_inv	BOBJ1	34.08	Before	Interior Girder 1	34.08	0.95	1	1	3.196485
HS20_str_inv	BOBJ1	34.08	Before	Interior Girder 2	34.08	0.95	1	1	3.120322
HS20_str_inv	BOBJ1	34.08	Before	Interior Girder 3	34.08	0.95	1	1	3.024312
HS20_str_inv	BOBJ1	34.08	Before	Interior Girder 4	34.08	0.95	1	1	3.024312
HS20_str_inv	BOBJ1	34.08	Before	Interior Girder 5	34.08	0.95	1	1	3.120322
HS20_str_inv	BOBJ1	34.08	Before	Interior Girder 6	34.08	0.95	1	1	3.196485
HS20_str_inv	BOBJ1	34.08	Before	Right Exterior Girder	34.08	0.95	1	1	3.143446
HS20_str_inv	BOBJ1	34.08	After	Left Exterior Girder	34.08	0.95	1	1	2.983683
HS20_str_inv	BOBJ1	34.08	After	Interior Girder 1	34.08	0.95	1	1	3.162418
HS20_str_inv	BOBJ1	34.08	After	Interior Girder 2	34.08	0.95	1	1	3.124288
HS20_str_inv	BOBJ1	34.08	After	Interior Girder 3	34.08	0.95	1	1	2.987816
HS20_str_inv	BOBJ1	34.08	After	Interior Girder 4	34.08	0.95	1	1	2.987816
HS20_str_inv	BOBJ1	34.08	After	Interior Girder 5	34.08	0.95	1	1	3.124288
HS20_str_inv	BOBJ1	34.08	After	Interior Girder 6	34.08	0.95	1	1	3.162418
HS20_str_inv	BOBJ1	34.08	After	Right Exterior Girder	34.08	0.95	1	1	2.983683
HS20_str_inv	BOBJ1	39.855	Before	Left Exterior Girder	39.855	0.95	1	1	1.877348
HS20_str_inv	BOBJ1	39.855	Before	Interior Girder 1	39.855	0.95	1	1	2.346847
HS20_str_inv	BOBJ1	39.855	Before	Interior Girder 2	39.855	0.95	1	1	2.333369
HS20_str_inv	BOBJ1	39.855	Before	Interior Girder 3	39.855	0.95	1	1	2.236203
HS20_str_inv	BOBJ1	39.855	Before	Interior Girder 4	39.855	0.95	1	1	2.236203
HS20_str_inv	BOBJ1	39.855	Before	Interior Girder 5	39.855	0.95	1	1	2.333369
HS20_str_inv	BOBJ1	39.855	Before	Interior Girder 6	39.855	0.95	1	1	2.346847
HS20_str_inv	BOBJ1	39.855	Before	Right Exterior Girder	39.855	0.95	1	1	1.877348
HS20_str_inv	BOBJ1	39.855	After	Left Exterior Girder	39.855	0.95	1	1	1.915468
HS20_str_inv	BOBJ1	39.855	After	Interior Girder 1	39.855	0.95	1	1	2.311379
HS20_str_inv	BOBJ1	39.855	After	Interior Girder 2	39.855	0.95	1	1	2.305477
HS20_str_inv	BOBJ1	39.855	After	Interior Girder 3	39.855	0.95	1	1	2.226909
HS20_str_inv	BOBJ1	39.855	After	Interior Girder 4	39.855	0.95	1	1	2.226909
HS20_str_inv	BOBJ1	39.855	After	Interior Girder 5	39.855	0.95	1	1	2.305477
HS20_str_inv	BOBJ1	39.855	After	Interior Girder 6	39.855	0.95	1	1	2.311379

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelINonCompStrgth-Flx - Approach, Span 16-19									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
HS20_str_inv	BOBJ1	39.855	After	Right Exterior Girder	39.855	0.95	1	1	1.915468
HS20_str_inv	BOBJ1	40.0288	Before	Left Exterior Girder	40.0288	0.95	1	1	1.872882
HS20_str_inv	BOBJ1	40.0288	Before	Right Exterior Girder	40.0288	0.95	1	1	1.872882
HS20_str_inv	BOBJ1	40.0288	After	Left Exterior Girder	40.0288	0.95	1	1	2.770183
HS20_str_inv	BOBJ1	40.0288	After	Right Exterior Girder	40.0288	0.95	1	1	2.770183
HS20_str_inv	BOBJ1	45.63	Before	Left Exterior Girder	45.63	0.95	1	1	1.72011
HS20_str_inv	BOBJ1	45.63	Before	Interior Girder 1	45.63	0.95	1	1	1.604403
HS20_str_inv	BOBJ1	45.63	Before	Interior Girder 2	45.63	0.95	1	1	1.566272
HS20_str_inv	BOBJ1	45.63	Before	Interior Girder 3	45.63	0.95	1	1	1.289434
HS20_str_inv	BOBJ1	45.63	Before	Interior Girder 4	45.63	0.95	1	1	1.289434
HS20_str_inv	BOBJ1	45.63	Before	Interior Girder 5	45.63	0.95	1	1	1.566272
HS20_str_inv	BOBJ1	45.63	Before	Interior Girder 6	45.63	0.95	1	1	1.604403
HS20_str_inv	BOBJ1	45.63	Before	Right Exterior Girder	45.63	0.95	1	1	1.72011
HS20_str_inv	BOBJ1	45.63	After	Left Exterior Girder	0	0.95	1	1	1.706488
HS20_str_inv	BOBJ1	45.63	After	Interior Girder 1	0	0.95	1	1	1.463833
HS20_str_inv	BOBJ1	45.63	After	Interior Girder 2	0	0.95	1	1	1.446296
HS20_str_inv	BOBJ1	45.63	After	Interior Girder 3	0	0.95	1	1	1.187131
HS20_str_inv	BOBJ1	45.63	After	Interior Girder 4	0	0.95	1	1	1.187131
HS20_str_inv	BOBJ1	45.63	After	Interior Girder 5	0	0.95	1	1	1.446296
HS20_str_inv	BOBJ1	45.63	After	Interior Girder 6	0	0.95	1	1	1.463833
HS20_str_inv	BOBJ1	45.63	After	Right Exterior Girder	0	0.95	1	1	1.706488
HS20_str_inv	BOBJ1	50.6298	Before	Left Exterior Girder	4.9998	0.95	1	1	4.815615
HS20_str_inv	BOBJ1	50.6298	Before	Right Exterior Girder	4.9998	0.95	1	1	4.815615
HS20_str_inv	BOBJ1	50.6298	After	Left Exterior Girder	4.9998	0.95	1	1	3.08177
HS20_str_inv	BOBJ1	50.6298	After	Right Exterior Girder	4.9998	0.95	1	1	3.08177
HS20_str_inv	BOBJ1	51.4	Before	Left Exterior Girder	5.77	0.95	1	1	3.701204
HS20_str_inv	BOBJ1	51.4	Before	Interior Girder 1	5.77	0.95	1	1	4.029431
HS20_str_inv	BOBJ1	51.4	Before	Interior Girder 2	5.77	0.95	1	1	3.757517
HS20_str_inv	BOBJ1	51.4	Before	Interior Girder 3	5.77	0.95	1	1	3.467013
HS20_str_inv	BOBJ1	51.4	Before	Interior Girder 4	5.77	0.95	1	1	3.467013
HS20_str_inv	BOBJ1	51.4	Before	Interior Girder 5	5.77	0.95	1	1	3.757517
HS20_str_inv	BOBJ1	51.4	Before	Interior Girder 6	5.77	0.95	1	1	4.029431
HS20_str_inv	BOBJ1	51.4	Before	Right Exterior Girder	5.77	0.95	1	1	3.701204
HS20_str_inv	BOBJ1	51.4	After	Left Exterior Girder	5.77	0.95	1	1	3.614795
HS20_str_inv	BOBJ1	51.4	After	Interior Girder 1	5.77	0.95	1	1	4.105035
HS20_str_inv	BOBJ1	51.4	After	Interior Girder 2	5.77	0.95	1	1	3.745061
HS20_str_inv	BOBJ1	51.4	After	Interior Girder 3	5.77	0.95	1	1	3.424202
HS20_str_inv	BOBJ1	51.4	After	Interior Girder 4	5.77	0.95	1	1	3.424202
HS20_str_inv	BOBJ1	51.4	After	Interior Girder 5	5.77	0.95	1	1	3.745061
HS20_str_inv	BOBJ1	51.4	After	Interior Girder 6	5.77	0.95	1	1	4.105035
HS20_str_inv	BOBJ1	51.4	After	Right Exterior Girder	5.77	0.95	1	1	3.614795
HS20_str_inv	BOBJ1	57.17	Before	Left Exterior Girder	11.54	0.95	1	1	5.494428
HS20_str_inv	BOBJ1	57.17	Before	Interior Girder 1	11.54	0.95	1	1	4.262691
HS20_str_inv	BOBJ1	57.17	Before	Interior Girder 2	11.54	0.95	1	1	3.621553
HS20_str_inv	BOBJ1	57.17	Before	Interior Girder 3	11.54	0.95	1	1	3.426039
HS20_str_inv	BOBJ1	57.17	Before	Interior Girder 4	11.54	0.95	1	1	3.426039
HS20_str_inv	BOBJ1	57.17	Before	Interior Girder 5	11.54	0.95	1	1	3.621553
HS20_str_inv	BOBJ1	57.17	Before	Interior Girder 6	11.54	0.95	1	1	4.262691
HS20_str_inv	BOBJ1	57.17	Before	Right Exterior Girder	11.54	0.95	1	1	5.494428
HS20_str_inv	BOBJ1	57.17	After	Left Exterior Girder	11.54	0.95	1	1	5.606217
HS20_str_inv	BOBJ1	57.17	After	Interior Girder 1	11.54	0.95	1	1	4.200455
HS20_str_inv	BOBJ1	57.17	After	Interior Girder 2	11.54	0.95	1	1	3.593004
HS20_str_inv	BOBJ1	57.17	After	Interior Girder 3	11.54	0.95	1	1	3.471857
HS20_str_inv	BOBJ1	57.17	After	Interior Girder 4	11.54	0.95	1	1	3.471857
HS20_str_inv	BOBJ1	57.17	After	Interior Girder 5	11.54	0.95	1	1	3.593004
HS20_str_inv	BOBJ1	57.17	After	Interior Girder 6	11.54	0.95	1	1	4.200455
HS20_str_inv	BOBJ1	57.17	After	Right Exterior Girder	11.54	0.95	1	1	5.606217
HS20_str_inv	BOBJ1	63.34	Before	Left Exterior Girder	17.71	0.95	1	1	2.666046
HS20_str_inv	BOBJ1	63.34	Before	Interior Girder 1	17.71	0.95	1	1	2.012689
HS20_str_inv	BOBJ1	63.34	Before	Interior Girder 2	17.71	0.95	1	1	1.886441
HS20_str_inv	BOBJ1	63.34	Before	Interior Girder 3	17.71	0.95	1	1	1.790581
HS20_str_inv	BOBJ1	63.34	Before	Interior Girder 4	17.71	0.95	1	1	1.790581
HS20_str_inv	BOBJ1	63.34	Before	Interior Girder 5	17.71	0.95	1	1	1.886441
HS20_str_inv	BOBJ1	63.34	Before	Interior Girder 6	17.71	0.95	1	1	2.012689
HS20_str_inv	BOBJ1	63.34	Before	Right Exterior Girder	17.71	0.95	1	1	2.666046

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelINonCompStrgth-Flx - Approach, Span 16-19									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
HS20_str_inv	BOBJ1	63.34	After	Left Exterior Girder	17.71	0.95	1	1	2.746181
HS20_str_inv	BOBJ1	63.34	After	Interior Girder 1	17.71	0.95	1	1	1.979549
HS20_str_inv	BOBJ1	63.34	After	Interior Girder 2	17.71	0.95	1	1	1.880556
HS20_str_inv	BOBJ1	63.34	After	Interior Girder 3	17.71	0.95	1	1	1.816643
HS20_str_inv	BOBJ1	63.34	After	Interior Girder 4	17.71	0.95	1	1	1.816643
HS20_str_inv	BOBJ1	63.34	After	Interior Girder 5	17.71	0.95	1	1	1.880556
HS20_str_inv	BOBJ1	63.34	After	Interior Girder 6	17.71	0.95	1	1	1.979549
HS20_str_inv	BOBJ1	63.34	After	Right Exterior Girder	17.71	0.95	1	1	2.746181
HS20_str_inv	BOBJ1	69.51	Before	Left Exterior Girder	23.88	0.95	1	1	1.673791
HS20_str_inv	BOBJ1	69.51	Before	Interior Girder 1	23.88	0.95	1	1	1.402039
HS20_str_inv	BOBJ1	69.51	Before	Interior Girder 2	23.88	0.95	1	1	1.354557
HS20_str_inv	BOBJ1	69.51	Before	Interior Girder 3	23.88	0.95	1	1	1.320424
HS20_str_inv	BOBJ1	69.51	Before	Interior Girder 4	23.88	0.95	1	1	1.320424
HS20_str_inv	BOBJ1	69.51	Before	Interior Girder 5	23.88	0.95	1	1	1.354557
HS20_str_inv	BOBJ1	69.51	Before	Interior Girder 6	23.88	0.95	1	1	1.402039
HS20_str_inv	BOBJ1	69.51	Before	Right Exterior Girder	23.88	0.95	1	1	1.673791
HS20_str_inv	BOBJ1	69.51	After	Left Exterior Girder	23.88	0.95	1	1	1.685524
HS20_str_inv	BOBJ1	69.51	After	Interior Girder 1	23.88	0.95	1	1	1.401933
HS20_str_inv	BOBJ1	69.51	After	Interior Girder 2	23.88	0.95	1	1	1.361487
HS20_str_inv	BOBJ1	69.51	After	Interior Girder 3	23.88	0.95	1	1	1.334065
HS20_str_inv	BOBJ1	69.51	After	Interior Girder 4	23.88	0.95	1	1	1.334065
HS20_str_inv	BOBJ1	69.51	After	Interior Girder 5	23.88	0.95	1	1	1.361487
HS20_str_inv	BOBJ1	69.51	After	Interior Girder 6	23.88	0.95	1	1	1.401933
HS20_str_inv	BOBJ1	69.51	After	Right Exterior Girder	23.88	0.95	1	1	1.685524
HS20_str_inv	BOBJ1	75.68	Before	Left Exterior Girder	30.05	0.95	1	1	1.279048
HS20_str_inv	BOBJ1	75.68	Before	Interior Girder 1	30.05	0.95	1	1	1.249574
HS20_str_inv	BOBJ1	75.68	Before	Interior Girder 2	30.05	0.95	1	1	1.228333
HS20_str_inv	BOBJ1	75.68	Before	Interior Girder 3	30.05	0.95	1	1	1.221196
HS20_str_inv	BOBJ1	75.68	Before	Interior Girder 4	30.05	0.95	1	1	1.221196
HS20_str_inv	BOBJ1	75.68	Before	Interior Girder 5	30.05	0.95	1	1	1.228333
HS20_str_inv	BOBJ1	75.68	Before	Interior Girder 6	30.05	0.95	1	1	1.249574
HS20_str_inv	BOBJ1	75.68	Before	Right Exterior Girder	30.05	0.95	1	1	1.279048
HS20_str_inv	BOBJ1	75.68	After	Left Exterior Girder	30.05	0.95	1	1	1.286816
HS20_str_inv	BOBJ1	75.68	After	Interior Girder 1	30.05	0.95	1	1	1.24577
HS20_str_inv	BOBJ1	75.68	After	Interior Girder 2	30.05	0.95	1	1	1.225253
HS20_str_inv	BOBJ1	75.68	After	Interior Girder 3	30.05	0.95	1	1	1.223109
HS20_str_inv	BOBJ1	75.68	After	Interior Girder 4	30.05	0.95	1	1	1.223109
HS20_str_inv	BOBJ1	75.68	After	Interior Girder 5	30.05	0.95	1	1	1.225253
HS20_str_inv	BOBJ1	75.68	After	Interior Girder 6	30.05	0.95	1	1	1.24577
HS20_str_inv	BOBJ1	75.68	After	Right Exterior Girder	30.05	0.95	1	1	1.286816
HS20_str_inv	BOBJ1	81.8467	Before	Left Exterior Girder	36.2167	0.95	1	1	1.330636
HS20_str_inv	BOBJ1	81.8467	Before	Interior Girder 1	36.2167	0.95	1	1	1.17074
HS20_str_inv	BOBJ1	81.8467	Before	Interior Girder 2	36.2167	0.95	1	1	1.153572
HS20_str_inv	BOBJ1	81.8467	Before	Interior Girder 3	36.2167	0.95	1	1	1.133729
HS20_str_inv	BOBJ1	81.8467	Before	Interior Girder 4	36.2167	0.95	1	1	1.133729
HS20_str_inv	BOBJ1	81.8467	Before	Interior Girder 5	36.2167	0.95	1	1	1.153572
HS20_str_inv	BOBJ1	81.8467	Before	Interior Girder 6	36.2167	0.95	1	1	1.17074
HS20_str_inv	BOBJ1	81.8467	Before	Right Exterior Girder	36.2167	0.95	1	1	1.330636
HS20_str_inv	BOBJ1	81.8467	After	Left Exterior Girder	36.2167	0.95	1	1	1.33332
HS20_str_inv	BOBJ1	81.8467	After	Interior Girder 1	36.2167	0.95	1	1	1.164046
HS20_str_inv	BOBJ1	81.8467	After	Interior Girder 2	36.2167	0.95	1	1	1.148716
HS20_str_inv	BOBJ1	81.8467	After	Interior Girder 3	36.2167	0.95	1	1	1.12633
HS20_str_inv	BOBJ1	81.8467	After	Interior Girder 4	36.2167	0.95	1	1	1.12633
HS20_str_inv	BOBJ1	81.8467	After	Interior Girder 5	36.2167	0.95	1	1	1.148716
HS20_str_inv	BOBJ1	81.8467	After	Interior Girder 6	36.2167	0.95	1	1	1.164046
HS20_str_inv	BOBJ1	81.8467	After	Right Exterior Girder	36.2167	0.95	1	1	1.33332
HS20_str_inv	BOBJ1	88.0133	Before	Left Exterior Girder	42.3833	0.95	1	1	1.606537
HS20_str_inv	BOBJ1	88.0133	Before	Interior Girder 1	42.3833	0.95	1	1	1.324542
HS20_str_inv	BOBJ1	88.0133	Before	Interior Girder 2	42.3833	0.95	1	1	1.298713
HS20_str_inv	BOBJ1	88.0133	Before	Interior Girder 3	42.3833	0.95	1	1	1.268137
HS20_str_inv	BOBJ1	88.0133	Before	Interior Girder 4	42.3833	0.95	1	1	1.268137
HS20_str_inv	BOBJ1	88.0133	Before	Interior Girder 5	42.3833	0.95	1	1	1.298713
HS20_str_inv	BOBJ1	88.0133	Before	Interior Girder 6	42.3833	0.95	1	1	1.324542
HS20_str_inv	BOBJ1	88.0133	Before	Right Exterior Girder	42.3833	0.95	1	1	1.606537
HS20_str_inv	BOBJ1	88.0133	After	Left Exterior Girder	42.3833	0.95	1	1	1.568911

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelINonCompStrgth-Flx - Approach, Span 16-19									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
HS20_str_inv	BOBJ1	88.0133	After	Interior Girder 1	42.3833	0.95	1	1	1.340469
HS20_str_inv	BOBJ1	88.0133	After	Interior Girder 2	42.3833	0.95	1	1	1.304842
HS20_str_inv	BOBJ1	88.0133	After	Interior Girder 3	42.3833	0.95	1	1	1.260543
HS20_str_inv	BOBJ1	88.0133	After	Interior Girder 4	42.3833	0.95	1	1	1.260543
HS20_str_inv	BOBJ1	88.0133	After	Interior Girder 5	42.3833	0.95	1	1	1.304842
HS20_str_inv	BOBJ1	88.0133	After	Interior Girder 6	42.3833	0.95	1	1	1.340469
HS20_str_inv	BOBJ1	88.0133	After	Right Exterior Girder	42.3833	0.95	1	1	1.568911
HS20_str_inv	BOBJ1	94.18	Before	Left Exterior Girder	48.55	0.95	1	1	2.201353
HS20_str_inv	BOBJ1	94.18	Before	Interior Girder 1	48.55	0.95	1	1	1.996618
HS20_str_inv	BOBJ1	94.18	Before	Interior Girder 2	48.55	0.95	1	1	1.850627
HS20_str_inv	BOBJ1	94.18	Before	Interior Girder 3	48.55	0.95	1	1	1.818479
HS20_str_inv	BOBJ1	94.18	Before	Interior Girder 4	48.55	0.95	1	1	1.818479
HS20_str_inv	BOBJ1	94.18	Before	Interior Girder 5	48.55	0.95	1	1	1.850627
HS20_str_inv	BOBJ1	94.18	Before	Interior Girder 6	48.55	0.95	1	1	1.996618
HS20_str_inv	BOBJ1	94.18	Before	Right Exterior Girder	48.55	0.95	1	1	2.201353
HS20_str_inv	BOBJ1	94.18	After	Left Exterior Girder	48.55	0.95	1	1	2.153727
HS20_str_inv	BOBJ1	94.18	After	Interior Girder 1	48.55	0.95	1	1	2.018475
HS20_str_inv	BOBJ1	94.18	After	Interior Girder 2	48.55	0.95	1	1	1.860959
HS20_str_inv	BOBJ1	94.18	After	Interior Girder 3	48.55	0.95	1	1	1.803915
HS20_str_inv	BOBJ1	94.18	After	Interior Girder 4	48.55	0.95	1	1	1.803915
HS20_str_inv	BOBJ1	94.18	After	Interior Girder 5	48.55	0.95	1	1	1.860959
HS20_str_inv	BOBJ1	94.18	After	Interior Girder 6	48.55	0.95	1	1	2.018475
HS20_str_inv	BOBJ1	94.18	After	Right Exterior Girder	48.55	0.95	1	1	2.153727
HS20_str_inv	BOBJ1	100.3567	Before	Left Exterior Girder	54.7267	0.95	1	1	4.232637
HS20_str_inv	BOBJ1	100.3567	Before	Interior Girder 1	54.7267	0.95	1	1	3.264295
HS20_str_inv	BOBJ1	100.3567	Before	Interior Girder 2	54.7267	0.95	1	1	2.954101
HS20_str_inv	BOBJ1	100.3567	Before	Interior Girder 3	54.7267	0.95	1	1	2.879242
HS20_str_inv	BOBJ1	100.3567	Before	Interior Girder 4	54.7267	0.95	1	1	2.879242
HS20_str_inv	BOBJ1	100.3567	Before	Interior Girder 5	54.7267	0.95	1	1	2.954101
HS20_str_inv	BOBJ1	100.3567	Before	Interior Girder 6	54.7267	0.95	1	1	3.264295
HS20_str_inv	BOBJ1	100.3567	Before	Right Exterior Girder	54.7267	0.95	1	1	4.232637
HS20_str_inv	BOBJ1	100.3567	After	Left Exterior Girder	54.7267	0.95	1	1	4.301107
HS20_str_inv	BOBJ1	100.3567	After	Interior Girder 1	54.7267	0.95	1	1	3.261914
HS20_str_inv	BOBJ1	100.3567	After	Interior Girder 2	54.7267	0.95	1	1	2.948724
HS20_str_inv	BOBJ1	100.3567	After	Interior Girder 3	54.7267	0.95	1	1	2.795542
HS20_str_inv	BOBJ1	100.3567	After	Interior Girder 4	54.7267	0.95	1	1	2.795542
HS20_str_inv	BOBJ1	100.3567	After	Interior Girder 5	54.7267	0.95	1	1	2.948724
HS20_str_inv	BOBJ1	100.3567	After	Interior Girder 6	54.7267	0.95	1	1	3.261914
HS20_str_inv	BOBJ1	100.3567	After	Right Exterior Girder	54.7267	0.95	1	1	4.301107
HS20_str_inv	BOBJ1	106.5333	Before	Left Exterior Girder	60.9033	0.95	1	1	2.635168
HS20_str_inv	BOBJ1	106.5333	Before	Interior Girder 1	60.9033	0.95	1	1	3.49516
HS20_str_inv	BOBJ1	106.5333	Before	Interior Girder 2	60.9033	0.95	1	1	3.290796
HS20_str_inv	BOBJ1	106.5333	Before	Interior Girder 3	60.9033	0.95	1	1	3.099433
HS20_str_inv	BOBJ1	106.5333	Before	Interior Girder 4	60.9033	0.95	1	1	3.099433
HS20_str_inv	BOBJ1	106.5333	Before	Interior Girder 5	60.9033	0.95	1	1	3.290796
HS20_str_inv	BOBJ1	106.5333	Before	Interior Girder 6	60.9033	0.95	1	1	3.49516
HS20_str_inv	BOBJ1	106.5333	Before	Right Exterior Girder	60.9033	0.95	1	1	2.635168
HS20_str_inv	BOBJ1	106.5333	After	Left Exterior Girder	60.9033	0.95	1	1	2.712237
HS20_str_inv	BOBJ1	106.5333	After	Interior Girder 1	60.9033	0.95	1	1	3.407583
HS20_str_inv	BOBJ1	106.5333	After	Interior Girder 2	60.9033	0.95	1	1	3.223764
HS20_str_inv	BOBJ1	106.5333	After	Interior Girder 3	60.9033	0.95	1	1	3.035873
HS20_str_inv	BOBJ1	106.5333	After	Interior Girder 4	60.9033	0.95	1	1	3.035873
HS20_str_inv	BOBJ1	106.5333	After	Interior Girder 5	60.9033	0.95	1	1	3.223764
HS20_str_inv	BOBJ1	106.5333	After	Interior Girder 6	60.9033	0.95	1	1	3.407583
HS20_str_inv	BOBJ1	106.5333	After	Right Exterior Girder	60.9033	0.95	1	1	2.712237
HS20_str_inv	BOBJ1	108.2102	Before	Left Exterior Girder	62.5802	0.95	1	1	2.214094
HS20_str_inv	BOBJ1	108.2102	Before	Right Exterior Girder	62.5802	0.95	1	1	2.214094
HS20_str_inv	BOBJ1	108.2102	After	Left Exterior Girder	62.5802	0.95	1	1	3.434847
HS20_str_inv	BOBJ1	108.2102	After	Right Exterior Girder	62.5802	0.95	1	1	3.434847
HS20_str_inv	BOBJ1	112.71	Before	Left Exterior Girder	67.08	0.95	1	1	1.529478
HS20_str_inv	BOBJ1	112.71	Before	Interior Girder 1	67.08	0.95	1	1	1.479482
HS20_str_inv	BOBJ1	112.71	Before	Interior Girder 2	67.08	0.95	1	1	1.457565
HS20_str_inv	BOBJ1	112.71	Before	Interior Girder 3	67.08	0.95	1	1	1.220387
HS20_str_inv	BOBJ1	112.71	Before	Interior Girder 4	67.08	0.95	1	1	1.220387
HS20_str_inv	BOBJ1	112.71	Before	Interior Girder 5	67.08	0.95	1	1	1.457565

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelINonCompStrgth-Flx - Approach, Span 16-19									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
HS20_str_inv	BOBJ1	112.71	Before	Interior Girder 6	67.08	0.95	1	1	1.479482
HS20_str_inv	BOBJ1	112.71	Before	Right Exterior Girder	67.08	0.95	1	1	1.529478
HS20_str_inv	BOBJ1	112.71	After	Left Exterior Girder	0	0.95	1	1	1.522076
HS20_str_inv	BOBJ1	112.71	After	Interior Girder 1	0	0.95	1	1	1.617257
HS20_str_inv	BOBJ1	112.71	After	Interior Girder 2	0	0.95	1	1	1.559714
HS20_str_inv	BOBJ1	112.71	After	Interior Girder 3	0	0.95	1	1	1.293192
HS20_str_inv	BOBJ1	112.71	After	Interior Girder 4	0	0.95	1	1	1.293192
HS20_str_inv	BOBJ1	112.71	After	Interior Girder 5	0	0.95	1	1	1.559714
HS20_str_inv	BOBJ1	112.71	After	Interior Girder 6	0	0.95	1	1	1.617257
HS20_str_inv	BOBJ1	112.71	After	Right Exterior Girder	0	0.95	1	1	1.522076
HS20_str_inv	BOBJ1	117.21	Before	Left Exterior Girder	4.5	0.95	1	1	2.30972
HS20_str_inv	BOBJ1	117.21	Before	Right Exterior Girder	4.5	0.95	1	1	2.30972
HS20_str_inv	BOBJ1	117.21	After	Left Exterior Girder	4.5	0.95	1	1	1.475067
HS20_str_inv	BOBJ1	117.21	After	Right Exterior Girder	4.5	0.95	1	1	1.475067
HS20_str_inv	BOBJ1	119.1	Before	Left Exterior Girder	6.39	0.95	1	1	1.822811
HS20_str_inv	BOBJ1	119.1	Before	Interior Girder 1	6.39	0.95	1	1	2.506939
HS20_str_inv	BOBJ1	119.1	Before	Interior Girder 2	6.39	0.95	1	1	2.472689
HS20_str_inv	BOBJ1	119.1	Before	Interior Girder 3	6.39	0.95	1	1	2.389062
HS20_str_inv	BOBJ1	119.1	Before	Interior Girder 4	6.39	0.95	1	1	2.389062
HS20_str_inv	BOBJ1	119.1	Before	Interior Girder 5	6.39	0.95	1	1	2.472689
HS20_str_inv	BOBJ1	119.1	Before	Interior Girder 6	6.39	0.95	1	1	2.506939
HS20_str_inv	BOBJ1	119.1	Before	Right Exterior Girder	6.39	0.95	1	1	1.822811
HS20_str_inv	BOBJ1	119.1	After	Left Exterior Girder	6.39	0.95	1	1	1.783593
HS20_str_inv	BOBJ1	119.1	After	Interior Girder 1	6.39	0.95	1	1	2.554218
HS20_str_inv	BOBJ1	119.1	After	Interior Girder 2	6.39	0.95	1	1	2.513276
HS20_str_inv	BOBJ1	119.1	After	Interior Girder 3	6.39	0.95	1	1	2.407338
HS20_str_inv	BOBJ1	119.1	After	Interior Girder 4	6.39	0.95	1	1	2.407338
HS20_str_inv	BOBJ1	119.1	After	Interior Girder 5	6.39	0.95	1	1	2.513276
HS20_str_inv	BOBJ1	119.1	After	Interior Girder 6	6.39	0.95	1	1	2.554218
HS20_str_inv	BOBJ1	119.1	After	Right Exterior Girder	6.39	0.95	1	1	1.783593
HS20_str_inv	BOBJ1	125.49	Before	Left Exterior Girder	12.78	0.95	1	1	2.937533
HS20_str_inv	BOBJ1	125.49	Before	Interior Girder 1	12.78	0.95	1	1	3.110092
HS20_str_inv	BOBJ1	125.49	Before	Interior Girder 2	12.78	0.95	1	1	2.833751
HS20_str_inv	BOBJ1	125.49	Before	Interior Girder 3	12.78	0.95	1	1	2.719324
HS20_str_inv	BOBJ1	125.49	Before	Interior Girder 4	12.78	0.95	1	1	2.719324
HS20_str_inv	BOBJ1	125.49	Before	Interior Girder 5	12.78	0.95	1	1	2.833751
HS20_str_inv	BOBJ1	125.49	Before	Interior Girder 6	12.78	0.95	1	1	3.110092
HS20_str_inv	BOBJ1	125.49	Before	Right Exterior Girder	12.78	0.95	1	1	2.937533
HS20_str_inv	BOBJ1	125.49	After	Left Exterior Girder	12.78	0.95	1	1	2.896955
HS20_str_inv	BOBJ1	125.49	After	Interior Girder 1	12.78	0.95	1	1	3.127822
HS20_str_inv	BOBJ1	125.49	After	Interior Girder 2	12.78	0.95	1	1	2.852709
HS20_str_inv	BOBJ1	125.49	After	Interior Girder 3	12.78	0.95	1	1	2.793582
HS20_str_inv	BOBJ1	125.49	After	Interior Girder 4	12.78	0.95	1	1	2.793582
HS20_str_inv	BOBJ1	125.49	After	Interior Girder 5	12.78	0.95	1	1	2.852709
HS20_str_inv	BOBJ1	125.49	After	Interior Girder 6	12.78	0.95	1	1	3.127822
HS20_str_inv	BOBJ1	125.49	After	Right Exterior Girder	12.78	0.95	1	1	2.896955
HS20_str_inv	BOBJ1	131.88	Before	Left Exterior Girder	19.17	0.95	1	1	2.380393
HS20_str_inv	BOBJ1	131.88	Before	Interior Girder 1	19.17	0.95	1	1	2.231623
HS20_str_inv	BOBJ1	131.88	Before	Interior Girder 2	19.17	0.95	1	1	2.034728
HS20_str_inv	BOBJ1	131.88	Before	Interior Girder 3	19.17	0.95	1	1	1.950403
HS20_str_inv	BOBJ1	131.88	Before	Interior Girder 4	19.17	0.95	1	1	1.950403
HS20_str_inv	BOBJ1	131.88	Before	Interior Girder 5	19.17	0.95	1	1	2.034728
HS20_str_inv	BOBJ1	131.88	Before	Interior Girder 6	19.17	0.95	1	1	2.231623
HS20_str_inv	BOBJ1	131.88	Before	Right Exterior Girder	19.17	0.95	1	1	2.380393
HS20_str_inv	BOBJ1	131.88	After	Left Exterior Girder	19.17	0.95	1	1	2.401881
HS20_str_inv	BOBJ1	131.88	After	Interior Girder 1	19.17	0.95	1	1	2.221001
HS20_str_inv	BOBJ1	131.88	After	Interior Girder 2	19.17	0.95	1	1	2.02807
HS20_str_inv	BOBJ1	131.88	After	Interior Girder 3	19.17	0.95	1	1	1.962755
HS20_str_inv	BOBJ1	131.88	After	Interior Girder 4	19.17	0.95	1	1	1.962755
HS20_str_inv	BOBJ1	131.88	After	Interior Girder 5	19.17	0.95	1	1	2.02807
HS20_str_inv	BOBJ1	131.88	After	Interior Girder 6	19.17	0.95	1	1	2.221001
HS20_str_inv	BOBJ1	131.88	After	Right Exterior Girder	19.17	0.95	1	1	2.401881
HS20_str_inv	BOBJ1	138.27	Before	Left Exterior Girder	25.56	0.95	1	1	2.111743
HS20_str_inv	BOBJ1	138.27	Before	Interior Girder 1	25.56	0.95	1	1	1.72296
HS20_str_inv	BOBJ1	138.27	Before	Interior Girder 2	25.56	0.95	1	1	1.629049

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelINonCompStrgth-Flx - Approach, Span 16-19									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
HS20_str_inv	BOBJ1	138.27	Before	Interior Girder 3	25.56	0.95	1	1	1.543433
HS20_str_inv	BOBJ1	138.27	Before	Interior Girder 4	25.56	0.95	1	1	1.543433
HS20_str_inv	BOBJ1	138.27	Before	Interior Girder 5	25.56	0.95	1	1	1.629049
HS20_str_inv	BOBJ1	138.27	Before	Interior Girder 6	25.56	0.95	1	1	1.72296
HS20_str_inv	BOBJ1	138.27	Before	Right Exterior Girder	25.56	0.95	1	1	2.111743
HS20_str_inv	BOBJ1	138.27	After	Left Exterior Girder	25.56	0.95	1	1	2.136286
HS20_str_inv	BOBJ1	138.27	After	Interior Girder 1	25.56	0.95	1	1	1.712405
HS20_str_inv	BOBJ1	138.27	After	Interior Girder 2	25.56	0.95	1	1	1.625554
HS20_str_inv	BOBJ1	138.27	After	Interior Girder 3	25.56	0.95	1	1	1.54909
HS20_str_inv	BOBJ1	138.27	After	Interior Girder 4	25.56	0.95	1	1	1.54909
HS20_str_inv	BOBJ1	138.27	After	Interior Girder 5	25.56	0.95	1	1	1.625554
HS20_str_inv	BOBJ1	138.27	After	Interior Girder 6	25.56	0.95	1	1	1.712405
HS20_str_inv	BOBJ1	138.27	After	Right Exterior Girder	25.56	0.95	1	1	2.136286
HS20_str_inv	BOBJ1	144.66	Before	Left Exterior Girder	31.95	0.95	1	1	2.182608
HS20_str_inv	BOBJ1	144.66	Before	Interior Girder 1	31.95	0.95	1	1	1.730536
HS20_str_inv	BOBJ1	144.66	Before	Interior Girder 2	31.95	0.95	1	1	1.64344
HS20_str_inv	BOBJ1	144.66	Before	Interior Girder 3	31.95	0.95	1	1	1.566334
HS20_str_inv	BOBJ1	144.66	Before	Interior Girder 4	31.95	0.95	1	1	1.566334
HS20_str_inv	BOBJ1	144.66	Before	Interior Girder 5	31.95	0.95	1	1	1.64344
HS20_str_inv	BOBJ1	144.66	Before	Interior Girder 6	31.95	0.95	1	1	1.730536
HS20_str_inv	BOBJ1	144.66	Before	Right Exterior Girder	31.95	0.95	1	1	2.182608
HS20_str_inv	BOBJ1	144.66	After	Left Exterior Girder	31.95	0.95	1	1	2.151221
HS20_str_inv	BOBJ1	144.66	After	Interior Girder 1	31.95	0.95	1	1	1.744905
HS20_str_inv	BOBJ1	144.66	After	Interior Girder 2	31.95	0.95	1	1	1.646481
HS20_str_inv	BOBJ1	144.66	After	Interior Girder 3	31.95	0.95	1	1	1.557974
HS20_str_inv	BOBJ1	144.66	After	Interior Girder 4	31.95	0.95	1	1	1.557974
HS20_str_inv	BOBJ1	144.66	After	Interior Girder 5	31.95	0.95	1	1	1.646481
HS20_str_inv	BOBJ1	144.66	After	Interior Girder 6	31.95	0.95	1	1	1.744905
HS20_str_inv	BOBJ1	144.66	After	Right Exterior Girder	31.95	0.95	1	1	2.151221
HS20_str_inv	BOBJ1	151.05	Before	Left Exterior Girder	38.34	0.95	1	1	2.565708
HS20_str_inv	BOBJ1	151.05	Before	Interior Girder 1	38.34	0.95	1	1	2.297868
HS20_str_inv	BOBJ1	151.05	Before	Interior Girder 2	38.34	0.95	1	1	2.089365
HS20_str_inv	BOBJ1	151.05	Before	Interior Girder 3	38.34	0.95	1	1	2.01822
HS20_str_inv	BOBJ1	151.05	Before	Interior Girder 4	38.34	0.95	1	1	2.01822
HS20_str_inv	BOBJ1	151.05	Before	Interior Girder 5	38.34	0.95	1	1	2.089365
HS20_str_inv	BOBJ1	151.05	Before	Interior Girder 6	38.34	0.95	1	1	2.297868
HS20_str_inv	BOBJ1	151.05	Before	Right Exterior Girder	38.34	0.95	1	1	2.565708
HS20_str_inv	BOBJ1	151.05	After	Left Exterior Girder	38.34	0.95	1	1	2.535621
HS20_str_inv	BOBJ1	151.05	After	Interior Girder 1	38.34	0.95	1	1	2.314832
HS20_str_inv	BOBJ1	151.05	After	Interior Girder 2	38.34	0.95	1	1	2.096173
HS20_str_inv	BOBJ1	151.05	After	Interior Girder 3	38.34	0.95	1	1	2.002351
HS20_str_inv	BOBJ1	151.05	After	Interior Girder 4	38.34	0.95	1	1	2.002351
HS20_str_inv	BOBJ1	151.05	After	Interior Girder 5	38.34	0.95	1	1	2.096173
HS20_str_inv	BOBJ1	151.05	After	Interior Girder 6	38.34	0.95	1	1	2.314832
HS20_str_inv	BOBJ1	151.05	After	Right Exterior Girder	38.34	0.95	1	1	2.535621
HS20_str_inv	BOBJ1	157.4367	Before	Left Exterior Girder	44.7267	0.95	1	1	2.940681
HS20_str_inv	BOBJ1	157.4367	Before	Interior Girder 1	44.7267	0.95	1	1	3.110872
HS20_str_inv	BOBJ1	157.4367	Before	Interior Girder 2	44.7267	0.95	1	1	3.018486
HS20_str_inv	BOBJ1	157.4367	Before	Interior Girder 3	44.7267	0.95	1	1	2.949615
HS20_str_inv	BOBJ1	157.4367	Before	Interior Girder 4	44.7267	0.95	1	1	2.949615
HS20_str_inv	BOBJ1	157.4367	Before	Interior Girder 5	44.7267	0.95	1	1	3.018486
HS20_str_inv	BOBJ1	157.4367	Before	Interior Girder 6	44.7267	0.95	1	1	3.110872
HS20_str_inv	BOBJ1	157.4367	Before	Right Exterior Girder	44.7267	0.95	1	1	2.940681
HS20_str_inv	BOBJ1	157.4367	After	Left Exterior Girder	44.7267	0.95	1	1	2.973689
HS20_str_inv	BOBJ1	157.4367	After	Interior Girder 1	44.7267	0.95	1	1	3.079464
HS20_str_inv	BOBJ1	157.4367	After	Interior Girder 2	44.7267	0.95	1	1	3.015582
HS20_str_inv	BOBJ1	157.4367	After	Interior Girder 3	44.7267	0.95	1	1	2.903827
HS20_str_inv	BOBJ1	157.4367	After	Interior Girder 4	44.7267	0.95	1	1	2.903827
HS20_str_inv	BOBJ1	157.4367	After	Interior Girder 5	44.7267	0.95	1	1	3.015582
HS20_str_inv	BOBJ1	157.4367	After	Interior Girder 6	44.7267	0.95	1	1	3.079464
HS20_str_inv	BOBJ1	157.4367	After	Right Exterior Girder	44.7267	0.95	1	1	2.973689
HS20_str_inv	BOBJ1	158.71	Before	Left Exterior Girder	46	0.95	1	1	2.70573
HS20_str_inv	BOBJ1	158.71	Before	Interior Girder 1	46	0.95	1	1	2.896949
HS20_str_inv	BOBJ1	158.71	Before	Interior Girder 2	46	0.95	1	1	2.815232
HS20_str_inv	BOBJ1	158.71	Before	Interior Girder 3	46	0.95	1	1	2.798576

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelINonCompStrgth-Flx - Approach, Span 16-19									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
HS20_str_inv	BOBJ1	158.71	Before	Interior Girder 4	46	0.95	1	1	2.798576
HS20_str_inv	BOBJ1	158.71	Before	Interior Girder 5	46	0.95	1	1	2.815232
HS20_str_inv	BOBJ1	158.71	Before	Interior Girder 6	46	0.95	1	1	2.896949
HS20_str_inv	BOBJ1	158.71	Before	Right Exterior Girder	46	0.95	1	1	2.70573
HS20_str_inv	BOBJ1	158.71	After	Left Exterior Girder	46	0.95	1	1	3.744884
HS20_str_inv	BOBJ1	158.71	After	Interior Girder 1	46	0.95	1	1	3.646612
HS20_str_inv	BOBJ1	158.71	After	Interior Girder 2	46	0.95	1	1	3.529476
HS20_str_inv	BOBJ1	158.71	After	Interior Girder 3	46	0.95	1	1	3.532485
HS20_str_inv	BOBJ1	158.71	After	Interior Girder 4	46	0.95	1	1	3.532485
HS20_str_inv	BOBJ1	158.71	After	Interior Girder 5	46	0.95	1	1	3.529476
HS20_str_inv	BOBJ1	158.71	After	Interior Girder 6	46	0.95	1	1	3.646612
HS20_str_inv	BOBJ1	158.71	After	Right Exterior Girder	46	0.95	1	1	3.744884
HS20_str_inv	BOBJ1	163.8233	Before	Left Exterior Girder	51.1133	0.95	1	1	2.646119
HS20_str_inv	BOBJ1	163.8233	Before	Interior Girder 1	51.1133	0.95	1	1	2.812637
HS20_str_inv	BOBJ1	163.8233	Before	Interior Girder 2	51.1133	0.95	1	1	2.689141
HS20_str_inv	BOBJ1	163.8233	Before	Interior Girder 3	51.1133	0.95	1	1	2.528074
HS20_str_inv	BOBJ1	163.8233	Before	Interior Girder 4	51.1133	0.95	1	1	2.528074
HS20_str_inv	BOBJ1	163.8233	Before	Interior Girder 5	51.1133	0.95	1	1	2.689141
HS20_str_inv	BOBJ1	163.8233	Before	Interior Girder 6	51.1133	0.95	1	1	2.812637
HS20_str_inv	BOBJ1	163.8233	Before	Right Exterior Girder	51.1133	0.95	1	1	2.646119
HS20_str_inv	BOBJ1	163.8233	After	Left Exterior Girder	51.1133	0.95	1	1	2.69701
HS20_str_inv	BOBJ1	163.8233	After	Interior Girder 1	51.1133	0.95	1	1	2.737564
HS20_str_inv	BOBJ1	163.8233	After	Interior Girder 2	51.1133	0.95	1	1	2.634404
HS20_str_inv	BOBJ1	163.8233	After	Interior Girder 3	51.1133	0.95	1	1	2.482887
HS20_str_inv	BOBJ1	163.8233	After	Interior Girder 4	51.1133	0.95	1	1	2.482887
HS20_str_inv	BOBJ1	163.8233	After	Interior Girder 5	51.1133	0.95	1	1	2.634404
HS20_str_inv	BOBJ1	163.8233	After	Interior Girder 6	51.1133	0.95	1	1	2.737564
HS20_str_inv	BOBJ1	163.8233	After	Right Exterior Girder	51.1133	0.95	1	1	2.69701
HS20_str_inv	BOBJ1	164.71	Before	Left Exterior Girder	52	0.95	1	1	2.503838
HS20_str_inv	BOBJ1	164.71	Before	Right Exterior Girder	52	0.95	1	1	2.503838
HS20_str_inv	BOBJ1	164.71	After	Left Exterior Girder	52	0.95	1	1	3.945938
HS20_str_inv	BOBJ1	164.71	After	Right Exterior Girder	52	0.95	1	1	3.945938
HS20_str_inv	BOBJ1	170.21	Before	Left Exterior Girder	57.5	0.95	1	1	2.731157
HS20_str_inv	BOBJ1	170.21	Before	Interior Girder 1	57.5	0.95	1	1	1.674828
HS20_str_inv	BOBJ1	170.21	Before	Interior Girder 2	57.5	0.95	1	1	1.596418
HS20_str_inv	BOBJ1	170.21	Before	Interior Girder 3	57.5	0.95	1	1	1.276386
HS20_str_inv	BOBJ1	170.21	Before	Interior Girder 4	57.5	0.95	1	1	1.276386
HS20_str_inv	BOBJ1	170.21	Before	Interior Girder 5	57.5	0.95	1	1	1.596418
HS20_str_inv	BOBJ1	170.21	Before	Interior Girder 6	57.5	0.95	1	1	1.674828
HS20_str_inv	BOBJ1	170.21	Before	Right Exterior Girder	57.5	0.95	1	1	2.731157
HS20_str_inv	BOBJ1	170.21	After	Left Exterior Girder	0	0.95	1	1	2.77685
HS20_str_inv	BOBJ1	170.21	After	Interior Girder 1	0	0.95	1	1	2.154648
HS20_str_inv	BOBJ1	170.21	After	Interior Girder 2	0	0.95	1	1	2.043454
HS20_str_inv	BOBJ1	170.21	After	Interior Girder 3	0	0.95	1	1	1.689417
HS20_str_inv	BOBJ1	170.21	After	Interior Girder 4	0	0.95	1	1	1.689417
HS20_str_inv	BOBJ1	170.21	After	Interior Girder 5	0	0.95	1	1	2.043454
HS20_str_inv	BOBJ1	170.21	After	Interior Girder 6	0	0.95	1	1	2.154648
HS20_str_inv	BOBJ1	170.21	After	Right Exterior Girder	0	0.95	1	1	2.77685
HS20_str_inv	BOBJ1	176.21	Before	Left Exterior Girder	6	0.95	1	1	4.751206
HS20_str_inv	BOBJ1	176.21	Before	Right Exterior Girder	6	0.95	1	1	4.751206
HS20_str_inv	BOBJ1	176.21	After	Left Exterior Girder	6	0.95	1	1	3.101065
HS20_str_inv	BOBJ1	176.21	After	Right Exterior Girder	6	0.95	1	1	3.101065
HS20_str_inv	BOBJ1	176.6	Before	Left Exterior Girder	6.39	0.95	1	1	3.210196
HS20_str_inv	BOBJ1	176.6	Before	Interior Girder 1	6.39	0.95	1	1	3.842825
HS20_str_inv	BOBJ1	176.6	Before	Interior Girder 2	6.39	0.95	1	1	3.610683
HS20_str_inv	BOBJ1	176.6	Before	Interior Girder 3	6.39	0.95	1	1	3.41654
HS20_str_inv	BOBJ1	176.6	Before	Interior Girder 4	6.39	0.95	1	1	3.41654
HS20_str_inv	BOBJ1	176.6	Before	Interior Girder 5	6.39	0.95	1	1	3.610683
HS20_str_inv	BOBJ1	176.6	Before	Interior Girder 6	6.39	0.95	1	1	3.842825
HS20_str_inv	BOBJ1	176.6	Before	Right Exterior Girder	6.39	0.95	1	1	3.210196
HS20_str_inv	BOBJ1	176.6	After	Left Exterior Girder	6.39	0.95	1	1	3.124963
HS20_str_inv	BOBJ1	176.6	After	Interior Girder 1	6.39	0.95	1	1	3.943758
HS20_str_inv	BOBJ1	176.6	After	Interior Girder 2	6.39	0.95	1	1	3.692247
HS20_str_inv	BOBJ1	176.6	After	Interior Girder 3	6.39	0.95	1	1	3.485994
HS20_str_inv	BOBJ1	176.6	After	Interior Girder 4	6.39	0.95	1	1	3.485994

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelINonCompStrgth-Flx - Approach, Span 16-19									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
HS20_str_inv	BOBJ1	176.6	After	Interior Girder 5	6.39	0.95	1	1	3.692247
HS20_str_inv	BOBJ1	176.6	After	Interior Girder 6	6.39	0.95	1	1	3.943758
HS20_str_inv	BOBJ1	176.6	After	Right Exterior Girder	6.39	0.95	1	1	3.124963
HS20_str_inv	BOBJ1	182.99	Before	Left Exterior Girder	12.78	0.95	1	1	4.733303
HS20_str_inv	BOBJ1	182.99	Before	Interior Girder 1	12.78	0.95	1	1	3.451059
HS20_str_inv	BOBJ1	182.99	Before	Interior Girder 2	12.78	0.95	1	1	3.138133
HS20_str_inv	BOBJ1	182.99	Before	Interior Girder 3	12.78	0.95	1	1	3.040285
HS20_str_inv	BOBJ1	182.99	Before	Interior Girder 4	12.78	0.95	1	1	3.040285
HS20_str_inv	BOBJ1	182.99	Before	Interior Girder 5	12.78	0.95	1	1	3.138133
HS20_str_inv	BOBJ1	182.99	Before	Interior Girder 6	12.78	0.95	1	1	3.451059
HS20_str_inv	BOBJ1	182.99	Before	Right Exterior Girder	12.78	0.95	1	1	4.733303
HS20_str_inv	BOBJ1	182.99	After	Left Exterior Girder	12.78	0.95	1	1	4.679471
HS20_str_inv	BOBJ1	182.99	After	Interior Girder 1	12.78	0.95	1	1	3.461731
HS20_str_inv	BOBJ1	182.99	After	Interior Girder 2	12.78	0.95	1	1	3.157644
HS20_str_inv	BOBJ1	182.99	After	Interior Girder 3	12.78	0.95	1	1	3.141324
HS20_str_inv	BOBJ1	182.99	After	Interior Girder 4	12.78	0.95	1	1	3.141324
HS20_str_inv	BOBJ1	182.99	After	Interior Girder 5	12.78	0.95	1	1	3.157644
HS20_str_inv	BOBJ1	182.99	After	Interior Girder 6	12.78	0.95	1	1	3.461731
HS20_str_inv	BOBJ1	182.99	After	Right Exterior Girder	12.78	0.95	1	1	4.679471
HS20_str_inv	BOBJ1	189.38	Before	Left Exterior Girder	19.17	0.95	1	1	2.510721
HS20_str_inv	BOBJ1	189.38	Before	Interior Girder 1	19.17	0.95	1	1	2.206393
HS20_str_inv	BOBJ1	189.38	Before	Interior Girder 2	19.17	0.95	1	1	2.026874
HS20_str_inv	BOBJ1	189.38	Before	Interior Girder 3	19.17	0.95	1	1	1.967021
HS20_str_inv	BOBJ1	189.38	Before	Interior Girder 4	19.17	0.95	1	1	1.967021
HS20_str_inv	BOBJ1	189.38	Before	Interior Girder 5	19.17	0.95	1	1	2.026874
HS20_str_inv	BOBJ1	189.38	Before	Interior Girder 6	19.17	0.95	1	1	2.206393
HS20_str_inv	BOBJ1	189.38	Before	Right Exterior Girder	19.17	0.95	1	1	2.510721
HS20_str_inv	BOBJ1	189.38	After	Left Exterior Girder	19.17	0.95	1	1	2.551452
HS20_str_inv	BOBJ1	189.38	After	Interior Girder 1	19.17	0.95	1	1	2.184451
HS20_str_inv	BOBJ1	189.38	After	Interior Girder 2	19.17	0.95	1	1	2.019639
HS20_str_inv	BOBJ1	189.38	After	Interior Girder 3	19.17	0.95	1	1	1.983808
HS20_str_inv	BOBJ1	189.38	After	Interior Girder 4	19.17	0.95	1	1	1.983808
HS20_str_inv	BOBJ1	189.38	After	Interior Girder 5	19.17	0.95	1	1	2.019639
HS20_str_inv	BOBJ1	189.38	After	Interior Girder 6	19.17	0.95	1	1	2.184451
HS20_str_inv	BOBJ1	189.38	After	Right Exterior Girder	19.17	0.95	1	1	2.551452
HS20_str_inv	BOBJ1	195.77	Before	Left Exterior Girder	25.56	0.95	1	1	1.903615
HS20_str_inv	BOBJ1	195.77	Before	Interior Girder 1	25.56	0.95	1	1	1.509198
HS20_str_inv	BOBJ1	195.77	Before	Interior Girder 2	25.56	0.95	1	1	1.452148
HS20_str_inv	BOBJ1	195.77	Before	Interior Girder 3	25.56	0.95	1	1	1.401368
HS20_str_inv	BOBJ1	195.77	Before	Interior Girder 4	25.56	0.95	1	1	1.401368
HS20_str_inv	BOBJ1	195.77	Before	Interior Girder 5	25.56	0.95	1	1	1.452148
HS20_str_inv	BOBJ1	195.77	Before	Interior Girder 6	25.56	0.95	1	1	1.509198
HS20_str_inv	BOBJ1	195.77	Before	Right Exterior Girder	25.56	0.95	1	1	1.903615
HS20_str_inv	BOBJ1	195.77	After	Left Exterior Girder	25.56	0.95	1	1	1.938973
HS20_str_inv	BOBJ1	195.77	After	Interior Girder 1	25.56	0.95	1	1	1.492136
HS20_str_inv	BOBJ1	195.77	After	Interior Girder 2	25.56	0.95	1	1	1.448339
HS20_str_inv	BOBJ1	195.77	After	Interior Girder 3	25.56	0.95	1	1	1.410254
HS20_str_inv	BOBJ1	195.77	After	Interior Girder 4	25.56	0.95	1	1	1.410254
HS20_str_inv	BOBJ1	195.77	After	Interior Girder 5	25.56	0.95	1	1	1.448339
HS20_str_inv	BOBJ1	195.77	After	Interior Girder 6	25.56	0.95	1	1	1.492136
HS20_str_inv	BOBJ1	195.77	After	Right Exterior Girder	25.56	0.95	1	1	1.938973
HS20_str_inv	BOBJ1	202.16	Before	Left Exterior Girder	31.95	0.95	1	1	1.684977
HS20_str_inv	BOBJ1	202.16	Before	Interior Girder 1	31.95	0.95	1	1	1.338176
HS20_str_inv	BOBJ1	202.16	Before	Interior Girder 2	31.95	0.95	1	1	1.301123
HS20_str_inv	BOBJ1	202.16	Before	Interior Girder 3	31.95	0.95	1	1	1.268648
HS20_str_inv	BOBJ1	202.16	Before	Interior Girder 4	31.95	0.95	1	1	1.268648
HS20_str_inv	BOBJ1	202.16	Before	Interior Girder 5	31.95	0.95	1	1	1.301123
HS20_str_inv	BOBJ1	202.16	Before	Interior Girder 6	31.95	0.95	1	1	1.338176
HS20_str_inv	BOBJ1	202.16	Before	Right Exterior Girder	31.95	0.95	1	1	1.684977
HS20_str_inv	BOBJ1	202.16	After	Left Exterior Girder	31.95	0.95	1	1	1.673958
HS20_str_inv	BOBJ1	202.16	After	Interior Girder 1	31.95	0.95	1	1	1.341546
HS20_str_inv	BOBJ1	202.16	After	Interior Girder 2	31.95	0.95	1	1	1.304766
HS20_str_inv	BOBJ1	202.16	After	Interior Girder 3	31.95	0.95	1	1	1.269815
HS20_str_inv	BOBJ1	202.16	After	Interior Girder 4	31.95	0.95	1	1	1.269815
HS20_str_inv	BOBJ1	202.16	After	Interior Girder 5	31.95	0.95	1	1	1.304766

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelINonCompStrgth-Flx - Approach, Span 16-19									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
HS20_str_inv	BOBJ1	202.16	After	Interior Girder 6	31.95	0.95	1	1	1.341546
HS20_str_inv	BOBJ1	202.16	After	Right Exterior Girder	31.95	0.95	1	1	1.673958
HS20_str_inv	BOBJ1	208.55	Before	Left Exterior Girder	38.34	0.95	1	1	1.627961
HS20_str_inv	BOBJ1	208.55	Before	Interior Girder 1	38.34	0.95	1	1	1.446245
HS20_str_inv	BOBJ1	208.55	Before	Interior Girder 2	38.34	0.95	1	1	1.398345
HS20_str_inv	BOBJ1	208.55	Before	Interior Girder 3	38.34	0.95	1	1	1.381468
HS20_str_inv	BOBJ1	208.55	Before	Interior Girder 4	38.34	0.95	1	1	1.381468
HS20_str_inv	BOBJ1	208.55	Before	Interior Girder 5	38.34	0.95	1	1	1.398345
HS20_str_inv	BOBJ1	208.55	Before	Interior Girder 6	38.34	0.95	1	1	1.446245
HS20_str_inv	BOBJ1	208.55	Before	Right Exterior Girder	38.34	0.95	1	1	1.627961
HS20_str_inv	BOBJ1	208.55	After	Left Exterior Girder	38.34	0.95	1	1	1.612762
HS20_str_inv	BOBJ1	208.55	After	Interior Girder 1	38.34	0.95	1	1	1.453364
HS20_str_inv	BOBJ1	208.55	After	Interior Girder 2	38.34	0.95	1	1	1.398128
HS20_str_inv	BOBJ1	208.55	After	Interior Girder 3	38.34	0.95	1	1	1.375971
HS20_str_inv	BOBJ1	208.55	After	Interior Girder 4	38.34	0.95	1	1	1.375971
HS20_str_inv	BOBJ1	208.55	After	Interior Girder 5	38.34	0.95	1	1	1.398128
HS20_str_inv	BOBJ1	208.55	After	Interior Girder 6	38.34	0.95	1	1	1.453364
HS20_str_inv	BOBJ1	208.55	After	Right Exterior Girder	38.34	0.95	1	1	1.612762
HS20_str_inv	BOBJ1	215.1233	Before	Left Exterior Girder	44.9133	0.95	1	1	2.213074
HS20_str_inv	BOBJ1	215.1233	Before	Interior Girder 1	44.9133	0.95	1	1	1.670889
HS20_str_inv	BOBJ1	215.1233	Before	Interior Girder 2	44.9133	0.95	1	1	1.614059
HS20_str_inv	BOBJ1	215.1233	Before	Interior Girder 3	44.9133	0.95	1	1	1.569114
HS20_str_inv	BOBJ1	215.1233	Before	Interior Girder 4	44.9133	0.95	1	1	1.569114
HS20_str_inv	BOBJ1	215.1233	Before	Interior Girder 5	44.9133	0.95	1	1	1.614059
HS20_str_inv	BOBJ1	215.1233	Before	Interior Girder 6	44.9133	0.95	1	1	1.670889
HS20_str_inv	BOBJ1	215.1233	Before	Right Exterior Girder	44.9133	0.95	1	1	2.213074
HS20_str_inv	BOBJ1	215.1233	After	Left Exterior Girder	44.9133	0.95	1	1	2.197159
HS20_str_inv	BOBJ1	215.1233	After	Interior Girder 1	44.9133	0.95	1	1	1.675213
HS20_str_inv	BOBJ1	215.1233	After	Interior Girder 2	44.9133	0.95	1	1	1.589372
HS20_str_inv	BOBJ1	215.1233	After	Interior Girder 3	44.9133	0.95	1	1	1.533142
HS20_str_inv	BOBJ1	215.1233	After	Interior Girder 4	44.9133	0.95	1	1	1.533142
HS20_str_inv	BOBJ1	215.1233	After	Interior Girder 5	44.9133	0.95	1	1	1.589372
HS20_str_inv	BOBJ1	215.1233	After	Interior Girder 6	44.9133	0.95	1	1	1.675213
HS20_str_inv	BOBJ1	215.1233	After	Right Exterior Girder	44.9133	0.95	1	1	2.197159
HS20_str_inv	BOBJ1	221.6967	Before	Left Exterior Girder	51.4867	0.95	1	1	4.415874
HS20_str_inv	BOBJ1	221.6967	Before	Interior Girder 1	51.4867	0.95	1	1	2.750436
HS20_str_inv	BOBJ1	221.6967	Before	Interior Girder 2	51.4867	0.95	1	1	2.642018
HS20_str_inv	BOBJ1	221.6967	Before	Interior Girder 3	51.4867	0.95	1	1	2.404714
HS20_str_inv	BOBJ1	221.6967	Before	Interior Girder 4	51.4867	0.95	1	1	2.404714
HS20_str_inv	BOBJ1	221.6967	Before	Interior Girder 5	51.4867	0.95	1	1	2.642018
HS20_str_inv	BOBJ1	221.6967	Before	Interior Girder 6	51.4867	0.95	1	1	2.750436
HS20_str_inv	BOBJ1	221.6967	Before	Right Exterior Girder	51.4867	0.95	1	1	4.415874
HS20_str_inv	BOBJ1	221.6967	After	Left Exterior Girder	51.4867	0.95	1	1	4.371524
HS20_str_inv	BOBJ1	221.6967	After	Interior Girder 1	51.4867	0.95	1	1	2.768496
HS20_str_inv	BOBJ1	221.6967	After	Interior Girder 2	51.4867	0.95	1	1	2.604387
HS20_str_inv	BOBJ1	221.6967	After	Interior Girder 3	51.4867	0.95	1	1	2.312767
HS20_str_inv	BOBJ1	221.6967	After	Interior Girder 4	51.4867	0.95	1	1	2.312767
HS20_str_inv	BOBJ1	221.6967	After	Interior Girder 5	51.4867	0.95	1	1	2.604387
HS20_str_inv	BOBJ1	221.6967	After	Interior Girder 6	51.4867	0.95	1	1	2.768496
HS20_str_inv	BOBJ1	221.6967	After	Right Exterior Girder	51.4867	0.95	1	1	4.371524
HS20_str_inv	BOBJ1	228.27	Before	Left Exterior Girder	58.06	0.95	1	1	344.569009
HS20_str_inv	BOBJ1	228.27	Before	Interior Girder 1	58.06	0.95	1	1	253.89727
HS20_str_inv	BOBJ1	228.27	Before	Interior Girder 2	58.06	0.95	1	1	190.907885
HS20_str_inv	BOBJ1	228.27	Before	Interior Girder 3	58.06	0.95	1	1	138.151542
HS20_str_inv	BOBJ1	228.27	Before	Interior Girder 4	58.06	0.95	1	1	138.151541
HS20_str_inv	BOBJ1	228.27	Before	Interior Girder 5	58.06	0.95	1	1	190.907885
HS20_str_inv	BOBJ1	228.27	Before	Interior Girder 6	58.06	0.95	1	1	253.897269
HS20_str_inv	BOBJ1	228.27	Before	Right Exterior Girder	58.06	0.95	1	1	344.569009
HS15_str_opr	BOBJ1	0	After	Left Exterior Girder	0	0.95	1	1	616.43383
HS15_str_opr	BOBJ1	0	After	Interior Girder 1	0	0.95	1	1	637.693623
HS15_str_opr	BOBJ1	0	After	Interior Girder 2	0	0.95	1	1	356.431738
HS15_str_opr	BOBJ1	0	After	Interior Girder 3	0	0.95	1	1	285.854347
HS15_str_opr	BOBJ1	0	After	Interior Girder 4	0	0.95	1	1	285.854348
HS15_str_opr	BOBJ1	0	After	Interior Girder 5	0	0.95	1	1	356.431742
HS15_str_opr	BOBJ1	0	After	Interior Girder 6	0	0.95	1	1	637.693623

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelINonCompStrgth-Flx - Approach, Span 16-19									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
HS15_str_opr	BOBJ1	0	After	Right Exterior Girder	0	0.95	1	1	616.433829
HS15_str_opr	BOBJ1	5.3833	Before	Left Exterior Girder	5.3833	0.95	1	1	8.118471
HS15_str_opr	BOBJ1	5.3833	Before	Interior Girder 1	5.3833	0.95	1	1	5.170123
HS15_str_opr	BOBJ1	5.3833	Before	Interior Girder 2	5.3833	0.95	1	1	4.860829
HS15_str_opr	BOBJ1	5.3833	Before	Interior Girder 3	5.3833	0.95	1	1	4.210344
HS15_str_opr	BOBJ1	5.3833	Before	Interior Girder 4	5.3833	0.95	1	1	4.210344
HS15_str_opr	BOBJ1	5.3833	Before	Interior Girder 5	5.3833	0.95	1	1	4.860829
HS15_str_opr	BOBJ1	5.3833	Before	Interior Girder 6	5.3833	0.95	1	1	5.170123
HS15_str_opr	BOBJ1	5.3833	Before	Right Exterior Girder	5.3833	0.95	1	1	8.118471
HS15_str_opr	BOBJ1	5.3833	After	Left Exterior Girder	5.3833	0.95	1	1	8.226547
HS15_str_opr	BOBJ1	5.3833	After	Interior Girder 1	5.3833	0.95	1	1	5.17795
HS15_str_opr	BOBJ1	5.3833	After	Interior Girder 2	5.3833	0.95	1	1	4.93736
HS15_str_opr	BOBJ1	5.3833	After	Interior Girder 3	5.3833	0.95	1	1	4.352261
HS15_str_opr	BOBJ1	5.3833	After	Interior Girder 4	5.3833	0.95	1	1	4.352261
HS15_str_opr	BOBJ1	5.3833	After	Interior Girder 5	5.3833	0.95	1	1	4.93736
HS15_str_opr	BOBJ1	5.3833	After	Interior Girder 6	5.3833	0.95	1	1	5.17795
HS15_str_opr	BOBJ1	5.3833	After	Right Exterior Girder	5.3833	0.95	1	1	8.226547
HS15_str_opr	BOBJ1	10.7667	Before	Left Exterior Girder	10.7667	0.95	1	1	4.488384
HS15_str_opr	BOBJ1	10.7667	Before	Interior Girder 1	10.7667	0.95	1	1	3.334463
HS15_str_opr	BOBJ1	10.7667	Before	Interior Girder 2	10.7667	0.95	1	1	3.113916
HS15_str_opr	BOBJ1	10.7667	Before	Interior Girder 3	10.7667	0.95	1	1	2.941545
HS15_str_opr	BOBJ1	10.7667	Before	Interior Girder 4	10.7667	0.95	1	1	2.941545
HS15_str_opr	BOBJ1	10.7667	Before	Interior Girder 5	10.7667	0.95	1	1	3.113916
HS15_str_opr	BOBJ1	10.7667	Before	Interior Girder 6	10.7667	0.95	1	1	3.334463
HS15_str_opr	BOBJ1	10.7667	Before	Right Exterior Girder	10.7667	0.95	1	1	4.488384
HS15_str_opr	BOBJ1	10.7667	After	Left Exterior Girder	10.7667	0.95	1	1	4.472232
HS15_str_opr	BOBJ1	10.7667	After	Interior Girder 1	10.7667	0.95	1	1	3.343654
HS15_str_opr	BOBJ1	10.7667	After	Interior Girder 2	10.7667	0.95	1	1	3.162197
HS15_str_opr	BOBJ1	10.7667	After	Interior Girder 3	10.7667	0.95	1	1	2.9968
HS15_str_opr	BOBJ1	10.7667	After	Interior Girder 4	10.7667	0.95	1	1	2.9968
HS15_str_opr	BOBJ1	10.7667	After	Interior Girder 5	10.7667	0.95	1	1	3.162197
HS15_str_opr	BOBJ1	10.7667	After	Interior Girder 6	10.7667	0.95	1	1	3.343654
HS15_str_opr	BOBJ1	10.7667	After	Right Exterior Girder	10.7667	0.95	1	1	4.472232
HS15_str_opr	BOBJ1	16.15	Before	Left Exterior Girder	16.15	0.95	1	1	3.503605
HS15_str_opr	BOBJ1	16.15	Before	Interior Girder 1	16.15	0.95	1	1	3.080977
HS15_str_opr	BOBJ1	16.15	Before	Interior Girder 2	16.15	0.95	1	1	2.876888
HS15_str_opr	BOBJ1	16.15	Before	Interior Girder 3	16.15	0.95	1	1	2.76544
HS15_str_opr	BOBJ1	16.15	Before	Interior Girder 4	16.15	0.95	1	1	2.76544
HS15_str_opr	BOBJ1	16.15	Before	Interior Girder 5	16.15	0.95	1	1	2.876888
HS15_str_opr	BOBJ1	16.15	Before	Interior Girder 6	16.15	0.95	1	1	3.080977
HS15_str_opr	BOBJ1	16.15	Before	Right Exterior Girder	16.15	0.95	1	1	3.503605
HS15_str_opr	BOBJ1	16.15	After	Left Exterior Girder	16.15	0.95	1	1	3.513228
HS15_str_opr	BOBJ1	16.15	After	Interior Girder 1	16.15	0.95	1	1	3.074292
HS15_str_opr	BOBJ1	16.15	After	Interior Girder 2	16.15	0.95	1	1	2.882763
HS15_str_opr	BOBJ1	16.15	After	Interior Girder 3	16.15	0.95	1	1	2.774323
HS15_str_opr	BOBJ1	16.15	After	Interior Girder 4	16.15	0.95	1	1	2.774323
HS15_str_opr	BOBJ1	16.15	After	Interior Girder 5	16.15	0.95	1	1	2.882763
HS15_str_opr	BOBJ1	16.15	After	Interior Girder 6	16.15	0.95	1	1	3.074292
HS15_str_opr	BOBJ1	16.15	After	Right Exterior Girder	16.15	0.95	1	1	3.513228
HS15_str_opr	BOBJ1	22.1267	Before	Left Exterior Girder	22.1267	0.95	1	1	3.891961
HS15_str_opr	BOBJ1	22.1267	Before	Interior Girder 1	22.1267	0.95	1	1	3.007452
HS15_str_opr	BOBJ1	22.1267	Before	Interior Girder 2	22.1267	0.95	1	1	2.836314
HS15_str_opr	BOBJ1	22.1267	Before	Interior Girder 3	22.1267	0.95	1	1	2.690215
HS15_str_opr	BOBJ1	22.1267	Before	Interior Girder 4	22.1267	0.95	1	1	2.690215
HS15_str_opr	BOBJ1	22.1267	Before	Interior Girder 5	22.1267	0.95	1	1	2.836314
HS15_str_opr	BOBJ1	22.1267	Before	Interior Girder 6	22.1267	0.95	1	1	3.007452
HS15_str_opr	BOBJ1	22.1267	Before	Right Exterior Girder	22.1267	0.95	1	1	3.891961
HS15_str_opr	BOBJ1	22.1267	After	Left Exterior Girder	22.1267	0.95	1	1	3.919525
HS15_str_opr	BOBJ1	22.1267	After	Interior Girder 1	22.1267	0.95	1	1	3.001985
HS15_str_opr	BOBJ1	22.1267	After	Interior Girder 2	22.1267	0.95	1	1	2.822973
HS15_str_opr	BOBJ1	22.1267	After	Interior Girder 3	22.1267	0.95	1	1	2.671148
HS15_str_opr	BOBJ1	22.1267	After	Interior Girder 4	22.1267	0.95	1	1	2.671148
HS15_str_opr	BOBJ1	22.1267	After	Interior Girder 5	22.1267	0.95	1	1	2.822973
HS15_str_opr	BOBJ1	22.1267	After	Interior Girder 6	22.1267	0.95	1	1	3.001985
HS15_str_opr	BOBJ1	22.1267	After	Right Exterior Girder	22.1267	0.95	1	1	3.919525

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelINonCompStrgth-Flx - Approach, Span 16-19									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
HS15_str_opr	BOBJ1	28.1033	Before	Left Exterior Girder	28.1033	0.95	1	1	4.906652
HS15_str_opr	BOBJ1	28.1033	Before	Interior Girder 1	28.1033	0.95	1	1	3.541775
HS15_str_opr	BOBJ1	28.1033	Before	Interior Girder 2	28.1033	0.95	1	1	3.345331
HS15_str_opr	BOBJ1	28.1033	Before	Interior Girder 3	28.1033	0.95	1	1	3.189395
HS15_str_opr	BOBJ1	28.1033	Before	Interior Girder 4	28.1033	0.95	1	1	3.189395
HS15_str_opr	BOBJ1	28.1033	Before	Interior Girder 5	28.1033	0.95	1	1	3.345331
HS15_str_opr	BOBJ1	28.1033	Before	Interior Girder 6	28.1033	0.95	1	1	3.541775
HS15_str_opr	BOBJ1	28.1033	Before	Right Exterior Girder	28.1033	0.95	1	1	4.906652
HS15_str_opr	BOBJ1	28.1033	After	Left Exterior Girder	28.1033	0.95	1	1	4.832147
HS15_str_opr	BOBJ1	28.1033	After	Interior Girder 1	28.1033	0.95	1	1	3.572326
HS15_str_opr	BOBJ1	28.1033	After	Interior Girder 2	28.1033	0.95	1	1	3.34349
HS15_str_opr	BOBJ1	28.1033	After	Interior Girder 3	28.1033	0.95	1	1	3.157021
HS15_str_opr	BOBJ1	28.1033	After	Interior Girder 4	28.1033	0.95	1	1	3.157021
HS15_str_opr	BOBJ1	28.1033	After	Interior Girder 5	28.1033	0.95	1	1	3.34349
HS15_str_opr	BOBJ1	28.1033	After	Interior Girder 6	28.1033	0.95	1	1	3.572326
HS15_str_opr	BOBJ1	28.1033	After	Right Exterior Girder	28.1033	0.95	1	1	4.832147
HS15_str_opr	BOBJ1	34.08	Before	Left Exterior Girder	34.08	0.95	1	1	5.433116
HS15_str_opr	BOBJ1	34.08	Before	Interior Girder 1	34.08	0.95	1	1	5.52479
HS15_str_opr	BOBJ1	34.08	Before	Interior Girder 2	34.08	0.95	1	1	5.39315
HS15_str_opr	BOBJ1	34.08	Before	Interior Girder 3	34.08	0.95	1	1	5.227206
HS15_str_opr	BOBJ1	34.08	Before	Interior Girder 4	34.08	0.95	1	1	5.227206
HS15_str_opr	BOBJ1	34.08	Before	Interior Girder 5	34.08	0.95	1	1	5.39315
HS15_str_opr	BOBJ1	34.08	Before	Interior Girder 6	34.08	0.95	1	1	5.52479
HS15_str_opr	BOBJ1	34.08	Before	Right Exterior Girder	34.08	0.95	1	1	5.433116
HS15_str_opr	BOBJ1	34.08	After	Left Exterior Girder	34.08	0.95	1	1	5.156983
HS15_str_opr	BOBJ1	34.08	After	Interior Girder 1	34.08	0.95	1	1	5.465908
HS15_str_opr	BOBJ1	34.08	After	Interior Girder 2	34.08	0.95	1	1	5.400005
HS15_str_opr	BOBJ1	34.08	After	Interior Girder 3	34.08	0.95	1	1	5.164126
HS15_str_opr	BOBJ1	34.08	After	Interior Girder 4	34.08	0.95	1	1	5.164126
HS15_str_opr	BOBJ1	34.08	After	Interior Girder 5	34.08	0.95	1	1	5.400005
HS15_str_opr	BOBJ1	34.08	After	Interior Girder 6	34.08	0.95	1	1	5.465908
HS15_str_opr	BOBJ1	34.08	After	Right Exterior Girder	34.08	0.95	1	1	5.156983
HS15_str_opr	BOBJ1	39.855	Before	Left Exterior Girder	39.855	0.95	1	1	3.244798
HS15_str_opr	BOBJ1	39.855	Before	Interior Girder 1	39.855	0.95	1	1	4.056279
HS15_str_opr	BOBJ1	39.855	Before	Interior Girder 2	39.855	0.95	1	1	4.032983
HS15_str_opr	BOBJ1	39.855	Before	Interior Girder 3	39.855	0.95	1	1	3.865042
HS15_str_opr	BOBJ1	39.855	Before	Interior Girder 4	39.855	0.95	1	1	3.865042
HS15_str_opr	BOBJ1	39.855	Before	Interior Girder 5	39.855	0.95	1	1	4.032983
HS15_str_opr	BOBJ1	39.855	Before	Interior Girder 6	39.855	0.95	1	1	4.056279
HS15_str_opr	BOBJ1	39.855	Before	Right Exterior Girder	39.855	0.95	1	1	3.244798
HS15_str_opr	BOBJ1	39.855	After	Left Exterior Girder	39.855	0.95	1	1	3.310685
HS15_str_opr	BOBJ1	39.855	After	Interior Girder 1	39.855	0.95	1	1	3.994976
HS15_str_opr	BOBJ1	39.855	After	Interior Girder 2	39.855	0.95	1	1	3.984775
HS15_str_opr	BOBJ1	39.855	After	Interior Girder 3	39.855	0.95	1	1	3.848979
HS15_str_opr	BOBJ1	39.855	After	Interior Girder 4	39.855	0.95	1	1	3.848979
HS15_str_opr	BOBJ1	39.855	After	Interior Girder 5	39.855	0.95	1	1	3.984775
HS15_str_opr	BOBJ1	39.855	After	Interior Girder 6	39.855	0.95	1	1	3.994976
HS15_str_opr	BOBJ1	39.855	After	Right Exterior Girder	39.855	0.95	1	1	3.310685
HS15_str_opr	BOBJ1	40.0288	Before	Left Exterior Girder	40.0288	0.95	1	1	3.23708
HS15_str_opr	BOBJ1	40.0288	Before	Right Exterior Girder	40.0288	0.95	1	1	3.23708
HS15_str_opr	BOBJ1	40.0288	After	Left Exterior Girder	40.0288	0.95	1	1	4.787971
HS15_str_opr	BOBJ1	40.0288	After	Right Exterior Girder	40.0288	0.95	1	1	4.787971
HS15_str_opr	BOBJ1	45.63	Before	Left Exterior Girder	45.63	0.95	1	1	2.973029
HS15_str_opr	BOBJ1	45.63	Before	Interior Girder 1	45.63	0.95	1	1	2.773043
HS15_str_opr	BOBJ1	45.63	Before	Interior Girder 2	45.63	0.95	1	1	2.707137
HS15_str_opr	BOBJ1	45.63	Before	Interior Girder 3	45.63	0.95	1	1	2.228651
HS15_str_opr	BOBJ1	45.63	Before	Interior Girder 4	45.63	0.95	1	1	2.228651
HS15_str_opr	BOBJ1	45.63	Before	Interior Girder 5	45.63	0.95	1	1	2.707137
HS15_str_opr	BOBJ1	45.63	Before	Interior Girder 6	45.63	0.95	1	1	2.773043
HS15_str_opr	BOBJ1	45.63	Before	Right Exterior Girder	45.63	0.95	1	1	2.973029
HS15_str_opr	BOBJ1	45.63	After	Left Exterior Girder	0	0.95	1	1	2.949486
HS15_str_opr	BOBJ1	45.63	After	Interior Girder 1	0	0.95	1	1	2.530082
HS15_str_opr	BOBJ1	45.63	After	Interior Girder 2	0	0.95	1	1	2.499771
HS15_str_opr	BOBJ1	45.63	After	Interior Girder 3	0	0.95	1	1	2.051832
HS15_str_opr	BOBJ1	45.63	After	Interior Girder 4	0	0.95	1	1	2.051832

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelINonCompStrgth-Flx - Approach, Span 16-19									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
HS15_str_opr	BOBJ1	45.63	After	Interior Girder 5	0	0.95	1	1	2.499771
HS15_str_opr	BOBJ1	45.63	After	Interior Girder 6	0	0.95	1	1	2.530082
HS15_str_opr	BOBJ1	45.63	After	Right Exterior Girder	0	0.95	1	1	2.949486
HS15_str_opr	BOBJ1	50.6298	Before	Left Exterior Girder	4.9998	0.95	1	1	8.323284
HS15_str_opr	BOBJ1	50.6298	Before	Right Exterior Girder	4.9998	0.95	1	1	8.323284
HS15_str_opr	BOBJ1	50.6298	After	Left Exterior Girder	4.9998	0.95	1	1	5.326517
HS15_str_opr	BOBJ1	50.6298	After	Right Exterior Girder	4.9998	0.95	1	1	5.326517
HS15_str_opr	BOBJ1	51.4	Before	Left Exterior Girder	5.77	0.95	1	1	6.397142
HS15_str_opr	BOBJ1	51.4	Before	Interior Girder 1	5.77	0.95	1	1	6.964449
HS15_str_opr	BOBJ1	51.4	Before	Interior Girder 2	5.77	0.95	1	1	6.494473
HS15_str_opr	BOBJ1	51.4	Before	Interior Girder 3	5.77	0.95	1	1	5.992368
HS15_str_opr	BOBJ1	51.4	Before	Interior Girder 4	5.77	0.95	1	1	5.992368
HS15_str_opr	BOBJ1	51.4	Before	Interior Girder 5	5.77	0.95	1	1	6.494473
HS15_str_opr	BOBJ1	51.4	Before	Interior Girder 6	5.77	0.95	1	1	6.964449
HS15_str_opr	BOBJ1	51.4	Before	Right Exterior Girder	5.77	0.95	1	1	6.397142
HS15_str_opr	BOBJ1	51.4	After	Left Exterior Girder	5.77	0.95	1	1	6.247793
HS15_str_opr	BOBJ1	51.4	After	Interior Girder 1	5.77	0.95	1	1	7.095123
HS15_str_opr	BOBJ1	51.4	After	Interior Girder 2	5.77	0.95	1	1	6.472945
HS15_str_opr	BOBJ1	51.4	After	Interior Girder 3	5.77	0.95	1	1	5.918375
HS15_str_opr	BOBJ1	51.4	After	Interior Girder 4	5.77	0.95	1	1	5.918375
HS15_str_opr	BOBJ1	51.4	After	Interior Girder 5	5.77	0.95	1	1	6.472945
HS15_str_opr	BOBJ1	51.4	After	Interior Girder 6	5.77	0.95	1	1	7.095123
HS15_str_opr	BOBJ1	51.4	After	Right Exterior Girder	5.77	0.95	1	1	6.247793
HS15_str_opr	BOBJ1	57.17	Before	Left Exterior Girder	11.54	0.95	1	1	9.496542
HS15_str_opr	BOBJ1	57.17	Before	Interior Girder 1	11.54	0.95	1	1	7.367614
HS15_str_opr	BOBJ1	57.17	Before	Interior Girder 2	11.54	0.95	1	1	6.259475
HS15_str_opr	BOBJ1	57.17	Before	Interior Girder 3	11.54	0.95	1	1	5.921549
HS15_str_opr	BOBJ1	57.17	Before	Interior Girder 4	11.54	0.95	1	1	5.921549
HS15_str_opr	BOBJ1	57.17	Before	Interior Girder 5	11.54	0.95	1	1	6.259475
HS15_str_opr	BOBJ1	57.17	Before	Interior Girder 6	11.54	0.95	1	1	7.367614
HS15_str_opr	BOBJ1	57.17	Before	Right Exterior Girder	11.54	0.95	1	1	9.496542
HS15_str_opr	BOBJ1	57.17	After	Left Exterior Girder	11.54	0.95	1	1	9.689757
HS15_str_opr	BOBJ1	57.17	After	Interior Girder 1	11.54	0.95	1	1	7.260046
HS15_str_opr	BOBJ1	57.17	After	Interior Girder 2	11.54	0.95	1	1	6.21013
HS15_str_opr	BOBJ1	57.17	After	Interior Girder 3	11.54	0.95	1	1	6.000741
HS15_str_opr	BOBJ1	57.17	After	Interior Girder 4	11.54	0.95	1	1	6.000741
HS15_str_opr	BOBJ1	57.17	After	Interior Girder 5	11.54	0.95	1	1	6.21013
HS15_str_opr	BOBJ1	57.17	After	Interior Girder 6	11.54	0.95	1	1	7.260046
HS15_str_opr	BOBJ1	57.17	After	Right Exterior Girder	11.54	0.95	1	1	9.689757
HS15_str_opr	BOBJ1	63.34	Before	Left Exterior Girder	17.71	0.95	1	1	4.60798
HS15_str_opr	BOBJ1	63.34	Before	Interior Girder 1	17.71	0.95	1	1	3.478721
HS15_str_opr	BOBJ1	63.34	Before	Interior Girder 2	17.71	0.95	1	1	3.260516
HS15_str_opr	BOBJ1	63.34	Before	Interior Girder 3	17.71	0.95	1	1	3.094831
HS15_str_opr	BOBJ1	63.34	Before	Interior Girder 4	17.71	0.95	1	1	3.094831
HS15_str_opr	BOBJ1	63.34	Before	Interior Girder 5	17.71	0.95	1	1	3.260516
HS15_str_opr	BOBJ1	63.34	Before	Interior Girder 6	17.71	0.95	1	1	3.478721
HS15_str_opr	BOBJ1	63.34	Before	Right Exterior Girder	17.71	0.95	1	1	4.60798
HS15_str_opr	BOBJ1	63.34	After	Left Exterior Girder	17.71	0.95	1	1	4.746485
HS15_str_opr	BOBJ1	63.34	After	Interior Girder 1	17.71	0.95	1	1	3.421442
HS15_str_opr	BOBJ1	63.34	After	Interior Girder 2	17.71	0.95	1	1	3.250344
HS15_str_opr	BOBJ1	63.34	After	Interior Girder 3	17.71	0.95	1	1	3.139877
HS15_str_opr	BOBJ1	63.34	After	Interior Girder 4	17.71	0.95	1	1	3.139877
HS15_str_opr	BOBJ1	63.34	After	Interior Girder 5	17.71	0.95	1	1	3.250344
HS15_str_opr	BOBJ1	63.34	After	Interior Girder 6	17.71	0.95	1	1	3.421442
HS15_str_opr	BOBJ1	63.34	After	Right Exterior Girder	17.71	0.95	1	1	4.746485
HS15_str_opr	BOBJ1	69.51	Before	Left Exterior Girder	23.88	0.95	1	1	2.892972
HS15_str_opr	BOBJ1	69.51	Before	Interior Girder 1	23.88	0.95	1	1	2.423278
HS15_str_opr	BOBJ1	69.51	Before	Interior Girder 2	23.88	0.95	1	1	2.34121
HS15_str_opr	BOBJ1	69.51	Before	Interior Girder 3	23.88	0.95	1	1	2.282214
HS15_str_opr	BOBJ1	69.51	Before	Interior Girder 4	23.88	0.95	1	1	2.282214
HS15_str_opr	BOBJ1	69.51	Before	Interior Girder 5	23.88	0.95	1	1	2.34121
HS15_str_opr	BOBJ1	69.51	Before	Interior Girder 6	23.88	0.95	1	1	2.423278
HS15_str_opr	BOBJ1	69.51	Before	Right Exterior Girder	23.88	0.95	1	1	2.892972
HS15_str_opr	BOBJ1	69.51	After	Left Exterior Girder	23.88	0.95	1	1	2.913251
HS15_str_opr	BOBJ1	69.51	After	Interior Girder 1	23.88	0.95	1	1	2.423094

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelINonCompStrgth-Flx - Approach, Span 16-19									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
HS15_str_opr	BOBJ1	69.51	After	Interior Girder 2	23.88	0.95	1	1	2.353187
HS15_str_opr	BOBJ1	69.51	After	Interior Girder 3	23.88	0.95	1	1	2.305792
HS15_str_opr	BOBJ1	69.51	After	Interior Girder 4	23.88	0.95	1	1	2.305792
HS15_str_opr	BOBJ1	69.51	After	Interior Girder 5	23.88	0.95	1	1	2.353187
HS15_str_opr	BOBJ1	69.51	After	Interior Girder 6	23.88	0.95	1	1	2.423094
HS15_str_opr	BOBJ1	69.51	After	Right Exterior Girder	23.88	0.95	1	1	2.913251
HS15_str_opr	BOBJ1	75.68	Before	Left Exterior Girder	30.05	0.95	1	1	2.2107
HS15_str_opr	BOBJ1	75.68	Before	Interior Girder 1	30.05	0.95	1	1	2.159758
HS15_str_opr	BOBJ1	75.68	Before	Interior Girder 2	30.05	0.95	1	1	2.123045
HS15_str_opr	BOBJ1	75.68	Before	Interior Girder 3	30.05	0.95	1	1	2.11071
HS15_str_opr	BOBJ1	75.68	Before	Interior Girder 4	30.05	0.95	1	1	2.11071
HS15_str_opr	BOBJ1	75.68	Before	Interior Girder 5	30.05	0.95	1	1	2.123045
HS15_str_opr	BOBJ1	75.68	Before	Interior Girder 6	30.05	0.95	1	1	2.159758
HS15_str_opr	BOBJ1	75.68	Before	Right Exterior Girder	30.05	0.95	1	1	2.2107
HS15_str_opr	BOBJ1	75.68	After	Left Exterior Girder	30.05	0.95	1	1	2.224127
HS15_str_opr	BOBJ1	75.68	After	Interior Girder 1	30.05	0.95	1	1	2.153182
HS15_str_opr	BOBJ1	75.68	After	Interior Girder 2	30.05	0.95	1	1	2.117721
HS15_str_opr	BOBJ1	75.68	After	Interior Girder 3	30.05	0.95	1	1	2.114015
HS15_str_opr	BOBJ1	75.68	After	Interior Girder 4	30.05	0.95	1	1	2.114015
HS15_str_opr	BOBJ1	75.68	After	Interior Girder 5	30.05	0.95	1	1	2.117721
HS15_str_opr	BOBJ1	75.68	After	Interior Girder 6	30.05	0.95	1	1	2.153182
HS15_str_opr	BOBJ1	75.68	After	Right Exterior Girder	30.05	0.95	1	1	2.224127
HS15_str_opr	BOBJ1	81.8467	Before	Left Exterior Girder	36.2167	0.95	1	1	2.299865
HS15_str_opr	BOBJ1	81.8467	Before	Interior Girder 1	36.2167	0.95	1	1	2.023502
HS15_str_opr	BOBJ1	81.8467	Before	Interior Girder 2	36.2167	0.95	1	1	1.993828
HS15_str_opr	BOBJ1	81.8467	Before	Interior Girder 3	36.2167	0.95	1	1	1.959532
HS15_str_opr	BOBJ1	81.8467	Before	Interior Girder 4	36.2167	0.95	1	1	1.959532
HS15_str_opr	BOBJ1	81.8467	Before	Interior Girder 5	36.2167	0.95	1	1	1.993828
HS15_str_opr	BOBJ1	81.8467	Before	Interior Girder 6	36.2167	0.95	1	1	2.023502
HS15_str_opr	BOBJ1	81.8467	Before	Right Exterior Girder	36.2167	0.95	1	1	2.299865
HS15_str_opr	BOBJ1	81.8467	After	Left Exterior Girder	36.2167	0.95	1	1	2.304503
HS15_str_opr	BOBJ1	81.8467	After	Interior Girder 1	36.2167	0.95	1	1	2.011932
HS15_str_opr	BOBJ1	81.8467	After	Interior Girder 2	36.2167	0.95	1	1	1.985436
HS15_str_opr	BOBJ1	81.8467	After	Interior Girder 3	36.2167	0.95	1	1	1.946743
HS15_str_opr	BOBJ1	81.8467	After	Interior Girder 4	36.2167	0.95	1	1	1.946743
HS15_str_opr	BOBJ1	81.8467	After	Interior Girder 5	36.2167	0.95	1	1	1.985436
HS15_str_opr	BOBJ1	81.8467	After	Interior Girder 6	36.2167	0.95	1	1	2.011932
HS15_str_opr	BOBJ1	81.8467	After	Right Exterior Girder	36.2167	0.95	1	1	2.304503
HS15_str_opr	BOBJ1	88.0133	Before	Left Exterior Girder	42.3833	0.95	1	1	2.776731
HS15_str_opr	BOBJ1	88.0133	Before	Interior Girder 1	42.3833	0.95	1	1	2.289332
HS15_str_opr	BOBJ1	88.0133	Before	Interior Girder 2	42.3833	0.95	1	1	2.244689
HS15_str_opr	BOBJ1	88.0133	Before	Interior Girder 3	42.3833	0.95	1	1	2.191841
HS15_str_opr	BOBJ1	88.0133	Before	Interior Girder 4	42.3833	0.95	1	1	2.191841
HS15_str_opr	BOBJ1	88.0133	Before	Interior Girder 5	42.3833	0.95	1	1	2.244689
HS15_str_opr	BOBJ1	88.0133	Before	Interior Girder 6	42.3833	0.95	1	1	2.289332
HS15_str_opr	BOBJ1	88.0133	Before	Right Exterior Girder	42.3833	0.95	1	1	2.776731
HS15_str_opr	BOBJ1	88.0133	After	Left Exterior Girder	42.3833	0.95	1	1	2.711697
HS15_str_opr	BOBJ1	88.0133	After	Interior Girder 1	42.3833	0.95	1	1	2.31686
HS15_str_opr	BOBJ1	88.0133	After	Interior Girder 2	42.3833	0.95	1	1	2.255283
HS15_str_opr	BOBJ1	88.0133	After	Interior Girder 3	42.3833	0.95	1	1	2.178717
HS15_str_opr	BOBJ1	88.0133	After	Interior Girder 4	42.3833	0.95	1	1	2.178717
HS15_str_opr	BOBJ1	88.0133	After	Interior Girder 5	42.3833	0.95	1	1	2.255283
HS15_str_opr	BOBJ1	88.0133	After	Interior Girder 6	42.3833	0.95	1	1	2.31686
HS15_str_opr	BOBJ1	88.0133	After	Right Exterior Girder	42.3833	0.95	1	1	2.711697
HS15_str_opr	BOBJ1	94.18	Before	Left Exterior Girder	48.55	0.95	1	1	3.804808
HS15_str_opr	BOBJ1	94.18	Before	Interior Girder 1	48.55	0.95	1	1	3.450945
HS15_str_opr	BOBJ1	94.18	Before	Interior Girder 2	48.55	0.95	1	1	3.198615
HS15_str_opr	BOBJ1	94.18	Before	Interior Girder 3	48.55	0.95	1	1	3.143049
HS15_str_opr	BOBJ1	94.18	Before	Interior Girder 4	48.55	0.95	1	1	3.143049
HS15_str_opr	BOBJ1	94.18	Before	Interior Girder 5	48.55	0.95	1	1	3.198615
HS15_str_opr	BOBJ1	94.18	Before	Interior Girder 6	48.55	0.95	1	1	3.450945
HS15_str_opr	BOBJ1	94.18	Before	Right Exterior Girder	48.55	0.95	1	1	3.804808
HS15_str_opr	BOBJ1	94.18	After	Left Exterior Girder	48.55	0.95	1	1	3.722491
HS15_str_opr	BOBJ1	94.18	After	Interior Girder 1	48.55	0.95	1	1	3.488723
HS15_str_opr	BOBJ1	94.18	After	Interior Girder 2	48.55	0.95	1	1	3.216472

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelINonCompStrgth-Flx - Approach, Span 16-19									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
HS15_str_opr	BOBJ1	94.18	After	Interior Girder 3	48.55	0.95	1	1	3.117877
HS15_str_opr	BOBJ1	94.18	After	Interior Girder 4	48.55	0.95	1	1	3.117877
HS15_str_opr	BOBJ1	94.18	After	Interior Girder 5	48.55	0.95	1	1	3.216472
HS15_str_opr	BOBJ1	94.18	After	Interior Girder 6	48.55	0.95	1	1	3.488723
HS15_str_opr	BOBJ1	94.18	After	Right Exterior Girder	48.55	0.95	1	1	3.722491
HS15_str_opr	BOBJ1	100.3567	Before	Left Exterior Girder	54.7267	0.95	1	1	7.315669
HS15_str_opr	BOBJ1	100.3567	Before	Interior Girder 1	54.7267	0.95	1	1	5.641991
HS15_str_opr	BOBJ1	100.3567	Before	Interior Girder 2	54.7267	0.95	1	1	5.105853
HS15_str_opr	BOBJ1	100.3567	Before	Interior Girder 3	54.7267	0.95	1	1	4.976468
HS15_str_opr	BOBJ1	100.3567	Before	Interior Girder 4	54.7267	0.95	1	1	4.976468
HS15_str_opr	BOBJ1	100.3567	Before	Interior Girder 5	54.7267	0.95	1	1	5.105853
HS15_str_opr	BOBJ1	100.3567	Before	Interior Girder 6	54.7267	0.95	1	1	5.641991
HS15_str_opr	BOBJ1	100.3567	Before	Right Exterior Girder	54.7267	0.95	1	1	7.315669
HS15_str_opr	BOBJ1	100.3567	After	Left Exterior Girder	54.7267	0.95	1	1	7.434012
HS15_str_opr	BOBJ1	100.3567	After	Interior Girder 1	54.7267	0.95	1	1	5.637877
HS15_str_opr	BOBJ1	100.3567	After	Interior Girder 2	54.7267	0.95	1	1	5.09656
HS15_str_opr	BOBJ1	100.3567	After	Interior Girder 3	54.7267	0.95	1	1	4.831801
HS15_str_opr	BOBJ1	100.3567	After	Interior Girder 4	54.7267	0.95	1	1	4.831801
HS15_str_opr	BOBJ1	100.3567	After	Interior Girder 5	54.7267	0.95	1	1	5.09656
HS15_str_opr	BOBJ1	100.3567	After	Interior Girder 6	54.7267	0.95	1	1	5.637877
HS15_str_opr	BOBJ1	100.3567	After	Right Exterior Girder	54.7267	0.95	1	1	7.434012
HS15_str_opr	BOBJ1	106.5333	Before	Left Exterior Girder	60.9033	0.95	1	1	4.554612
HS15_str_opr	BOBJ1	106.5333	Before	Interior Girder 1	60.9033	0.95	1	1	6.041017
HS15_str_opr	BOBJ1	106.5333	Before	Interior Girder 2	60.9033	0.95	1	1	5.687796
HS15_str_opr	BOBJ1	106.5333	Before	Interior Girder 3	60.9033	0.95	1	1	5.357045
HS15_str_opr	BOBJ1	106.5333	Before	Interior Girder 4	60.9033	0.95	1	1	5.357045
HS15_str_opr	BOBJ1	106.5333	Before	Interior Girder 5	60.9033	0.95	1	1	5.687796
HS15_str_opr	BOBJ1	106.5333	Before	Interior Girder 6	60.9033	0.95	1	1	6.041017
HS15_str_opr	BOBJ1	106.5333	Before	Right Exterior Girder	60.9033	0.95	1	1	4.554612
HS15_str_opr	BOBJ1	106.5333	After	Left Exterior Girder	60.9033	0.95	1	1	4.687816
HS15_str_opr	BOBJ1	106.5333	After	Interior Girder 1	60.9033	0.95	1	1	5.88965
HS15_str_opr	BOBJ1	106.5333	After	Interior Girder 2	60.9033	0.95	1	1	5.571937
HS15_str_opr	BOBJ1	106.5333	After	Interior Girder 3	60.9033	0.95	1	1	5.247189
HS15_str_opr	BOBJ1	106.5333	After	Interior Girder 4	60.9033	0.95	1	1	5.247189
HS15_str_opr	BOBJ1	106.5333	After	Interior Girder 5	60.9033	0.95	1	1	5.571937
HS15_str_opr	BOBJ1	106.5333	After	Interior Girder 6	60.9033	0.95	1	1	5.88965
HS15_str_opr	BOBJ1	106.5333	After	Right Exterior Girder	60.9033	0.95	1	1	4.687816
HS15_str_opr	BOBJ1	108.2102	Before	Left Exterior Girder	62.5802	0.95	1	1	3.82683
HS15_str_opr	BOBJ1	108.2102	Before	Right Exterior Girder	62.5802	0.95	1	1	3.82683
HS15_str_opr	BOBJ1	108.2102	After	Left Exterior Girder	62.5802	0.95	1	1	5.936773
HS15_str_opr	BOBJ1	108.2102	After	Right Exterior Girder	62.5802	0.95	1	1	5.936773
HS15_str_opr	BOBJ1	112.71	Before	Left Exterior Girder	67.08	0.95	1	1	2.643543
HS15_str_opr	BOBJ1	112.71	Before	Interior Girder 1	67.08	0.95	1	1	2.55713
HS15_str_opr	BOBJ1	112.71	Before	Interior Girder 2	67.08	0.95	1	1	2.519249
HS15_str_opr	BOBJ1	112.71	Before	Interior Girder 3	67.08	0.95	1	1	2.109311
HS15_str_opr	BOBJ1	112.71	Before	Interior Girder 4	67.08	0.95	1	1	2.109311
HS15_str_opr	BOBJ1	112.71	Before	Interior Girder 5	67.08	0.95	1	1	2.519249
HS15_str_opr	BOBJ1	112.71	Before	Interior Girder 6	67.08	0.95	1	1	2.55713
HS15_str_opr	BOBJ1	112.71	Before	Right Exterior Girder	67.08	0.95	1	1	2.643543
HS15_str_opr	BOBJ1	112.71	After	Left Exterior Girder	0	0.95	1	1	2.630748
HS15_str_opr	BOBJ1	112.71	After	Interior Girder 1	0	0.95	1	1	2.795259
HS15_str_opr	BOBJ1	112.71	After	Interior Girder 2	0	0.95	1	1	2.695802
HS15_str_opr	BOBJ1	112.71	After	Interior Girder 3	0	0.95	1	1	2.235147
HS15_str_opr	BOBJ1	112.71	After	Interior Girder 4	0	0.95	1	1	2.235147
HS15_str_opr	BOBJ1	112.71	After	Interior Girder 5	0	0.95	1	1	2.695802
HS15_str_opr	BOBJ1	112.71	After	Interior Girder 6	0	0.95	1	1	2.795259
HS15_str_opr	BOBJ1	112.71	After	Right Exterior Girder	0	0.95	1	1	2.630748
HS15_str_opr	BOBJ1	117.21	Before	Left Exterior Girder	4.5	0.95	1	1	3.992109
HS15_str_opr	BOBJ1	117.21	Before	Right Exterior Girder	4.5	0.95	1	1	3.992109
HS15_str_opr	BOBJ1	117.21	After	Left Exterior Girder	4.5	0.95	1	1	2.549499
HS15_str_opr	BOBJ1	117.21	After	Right Exterior Girder	4.5	0.95	1	1	2.549499
HS15_str_opr	BOBJ1	119.1	Before	Left Exterior Girder	6.39	0.95	1	1	3.150538
HS15_str_opr	BOBJ1	119.1	Before	Interior Girder 1	6.39	0.95	1	1	4.332981
HS15_str_opr	BOBJ1	119.1	Before	Interior Girder 2	6.39	0.95	1	1	4.273784
HS15_str_opr	BOBJ1	119.1	Before	Interior Girder 3	6.39	0.95	1	1	4.129243

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelINonCompStrgth-Flx - Approach, Span 16-19									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
HS15_str_opr	BOBJ1	119.1	Before	Interior Girder 4	6.39	0.95	1	1	4.129243
HS15_str_opr	BOBJ1	119.1	Before	Interior Girder 5	6.39	0.95	1	1	4.273784
HS15_str_opr	BOBJ1	119.1	Before	Interior Girder 6	6.39	0.95	1	1	4.332981
HS15_str_opr	BOBJ1	119.1	Before	Right Exterior Girder	6.39	0.95	1	1	3.150538
HS15_str_opr	BOBJ1	119.1	After	Left Exterior Girder	6.39	0.95	1	1	3.082753
HS15_str_opr	BOBJ1	119.1	After	Interior Girder 1	6.39	0.95	1	1	4.414698
HS15_str_opr	BOBJ1	119.1	After	Interior Girder 2	6.39	0.95	1	1	4.343934
HS15_str_opr	BOBJ1	119.1	After	Interior Girder 3	6.39	0.95	1	1	4.160831
HS15_str_opr	BOBJ1	119.1	After	Interior Girder 4	6.39	0.95	1	1	4.160831
HS15_str_opr	BOBJ1	119.1	After	Interior Girder 5	6.39	0.95	1	1	4.343934
HS15_str_opr	BOBJ1	119.1	After	Interior Girder 6	6.39	0.95	1	1	4.414698
HS15_str_opr	BOBJ1	119.1	After	Right Exterior Girder	6.39	0.95	1	1	3.082753
HS15_str_opr	BOBJ1	125.49	Before	Left Exterior Girder	12.78	0.95	1	1	5.077217
HS15_str_opr	BOBJ1	125.49	Before	Interior Girder 1	12.78	0.95	1	1	5.375468
HS15_str_opr	BOBJ1	125.49	Before	Interior Girder 2	12.78	0.95	1	1	4.897841
HS15_str_opr	BOBJ1	125.49	Before	Interior Girder 3	12.78	0.95	1	1	4.700065
HS15_str_opr	BOBJ1	125.49	Before	Interior Girder 4	12.78	0.95	1	1	4.700065
HS15_str_opr	BOBJ1	125.49	Before	Interior Girder 5	12.78	0.95	1	1	4.897841
HS15_str_opr	BOBJ1	125.49	Before	Interior Girder 6	12.78	0.95	1	1	5.375468
HS15_str_opr	BOBJ1	125.49	Before	Right Exterior Girder	12.78	0.95	1	1	5.077217
HS15_str_opr	BOBJ1	125.49	After	Left Exterior Girder	12.78	0.95	1	1	5.007083
HS15_str_opr	BOBJ1	125.49	After	Interior Girder 1	12.78	0.95	1	1	5.406112
HS15_str_opr	BOBJ1	125.49	After	Interior Girder 2	12.78	0.95	1	1	4.930608
HS15_str_opr	BOBJ1	125.49	After	Interior Girder 3	12.78	0.95	1	1	4.828413
HS15_str_opr	BOBJ1	125.49	After	Interior Girder 4	12.78	0.95	1	1	4.828413
HS15_str_opr	BOBJ1	125.49	After	Interior Girder 5	12.78	0.95	1	1	4.930608
HS15_str_opr	BOBJ1	125.49	After	Interior Girder 6	12.78	0.95	1	1	5.406112
HS15_str_opr	BOBJ1	125.49	After	Right Exterior Girder	12.78	0.95	1	1	5.007083
HS15_str_opr	BOBJ1	131.88	Before	Left Exterior Girder	19.17	0.95	1	1	4.11426
HS15_str_opr	BOBJ1	131.88	Before	Interior Girder 1	19.17	0.95	1	1	3.857126
HS15_str_opr	BOBJ1	131.88	Before	Interior Girder 2	19.17	0.95	1	1	3.516813
HS15_str_opr	BOBJ1	131.88	Before	Interior Girder 3	19.17	0.95	1	1	3.371067
HS15_str_opr	BOBJ1	131.88	Before	Interior Girder 4	19.17	0.95	1	1	3.371067
HS15_str_opr	BOBJ1	131.88	Before	Interior Girder 5	19.17	0.95	1	1	3.516813
HS15_str_opr	BOBJ1	131.88	Before	Interior Girder 6	19.17	0.95	1	1	3.857126
HS15_str_opr	BOBJ1	131.88	Before	Right Exterior Girder	19.17	0.95	1	1	4.11426
HS15_str_opr	BOBJ1	131.88	After	Left Exterior Girder	19.17	0.95	1	1	4.1514
HS15_str_opr	BOBJ1	131.88	After	Interior Girder 1	19.17	0.95	1	1	3.838767
HS15_str_opr	BOBJ1	131.88	After	Interior Girder 2	19.17	0.95	1	1	3.505306
HS15_str_opr	BOBJ1	131.88	After	Interior Girder 3	19.17	0.95	1	1	3.392417
HS15_str_opr	BOBJ1	131.88	After	Interior Girder 4	19.17	0.95	1	1	3.392417
HS15_str_opr	BOBJ1	131.88	After	Interior Girder 5	19.17	0.95	1	1	3.505306
HS15_str_opr	BOBJ1	131.88	After	Interior Girder 6	19.17	0.95	1	1	3.838767
HS15_str_opr	BOBJ1	131.88	After	Right Exterior Girder	19.17	0.95	1	1	4.1514
HS15_str_opr	BOBJ1	138.27	Before	Left Exterior Girder	25.56	0.95	1	1	3.649926
HS15_str_opr	BOBJ1	138.27	Before	Interior Girder 1	25.56	0.95	1	1	2.977956
HS15_str_opr	BOBJ1	138.27	Before	Interior Girder 2	25.56	0.95	1	1	2.815641
HS15_str_opr	BOBJ1	138.27	Before	Interior Girder 3	25.56	0.95	1	1	2.667663
HS15_str_opr	BOBJ1	138.27	Before	Interior Girder 4	25.56	0.95	1	1	2.667663
HS15_str_opr	BOBJ1	138.27	Before	Interior Girder 5	25.56	0.95	1	1	2.815641
HS15_str_opr	BOBJ1	138.27	Before	Interior Girder 6	25.56	0.95	1	1	2.977956
HS15_str_opr	BOBJ1	138.27	Before	Right Exterior Girder	25.56	0.95	1	1	3.649926
HS15_str_opr	BOBJ1	138.27	After	Left Exterior Girder	25.56	0.95	1	1	3.692346
HS15_str_opr	BOBJ1	138.27	After	Interior Girder 1	25.56	0.95	1	1	2.959712
HS15_str_opr	BOBJ1	138.27	After	Interior Girder 2	25.56	0.95	1	1	2.8096
HS15_str_opr	BOBJ1	138.27	After	Interior Girder 3	25.56	0.95	1	1	2.67744
HS15_str_opr	BOBJ1	138.27	After	Interior Girder 4	25.56	0.95	1	1	2.67744
HS15_str_opr	BOBJ1	138.27	After	Interior Girder 5	25.56	0.95	1	1	2.8096
HS15_str_opr	BOBJ1	138.27	After	Interior Girder 6	25.56	0.95	1	1	2.959712
HS15_str_opr	BOBJ1	138.27	After	Right Exterior Girder	25.56	0.95	1	1	3.692346
HS15_str_opr	BOBJ1	144.66	Before	Left Exterior Girder	31.95	0.95	1	1	3.772409
HS15_str_opr	BOBJ1	144.66	Before	Interior Girder 1	31.95	0.95	1	1	2.99105
HS15_str_opr	BOBJ1	144.66	Before	Interior Girder 2	31.95	0.95	1	1	2.840514
HS15_str_opr	BOBJ1	144.66	Before	Interior Girder 3	31.95	0.95	1	1	2.707244
HS15_str_opr	BOBJ1	144.66	Before	Interior Girder 4	31.95	0.95	1	1	2.707244

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelINonCompStrgth-Flx - Approach, Span 16-19									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
HS15_str_opr	BOBJ1	144.66	Before	Interior Girder 5	31.95	0.95	1	1	2.840514
HS15_str_opr	BOBJ1	144.66	Before	Interior Girder 6	31.95	0.95	1	1	2.99105
HS15_str_opr	BOBJ1	144.66	Before	Right Exterior Girder	31.95	0.95	1	1	3.772409
HS15_str_opr	BOBJ1	144.66	After	Left Exterior Girder	31.95	0.95	1	1	3.71816
HS15_str_opr	BOBJ1	144.66	After	Interior Girder 1	31.95	0.95	1	1	3.015886
HS15_str_opr	BOBJ1	144.66	After	Interior Girder 2	31.95	0.95	1	1	2.845769
HS15_str_opr	BOBJ1	144.66	After	Interior Girder 3	31.95	0.95	1	1	2.692795
HS15_str_opr	BOBJ1	144.66	After	Interior Girder 4	31.95	0.95	1	1	2.692795
HS15_str_opr	BOBJ1	144.66	After	Interior Girder 5	31.95	0.95	1	1	2.845769
HS15_str_opr	BOBJ1	144.66	After	Interior Girder 6	31.95	0.95	1	1	3.015886
HS15_str_opr	BOBJ1	144.66	After	Right Exterior Girder	31.95	0.95	1	1	3.71816
HS15_str_opr	BOBJ1	151.05	Before	Left Exterior Girder	38.34	0.95	1	1	4.434556
HS15_str_opr	BOBJ1	151.05	Before	Interior Girder 1	38.34	0.95	1	1	3.971624
HS15_str_opr	BOBJ1	151.05	Before	Interior Girder 2	38.34	0.95	1	1	3.611248
HS15_str_opr	BOBJ1	151.05	Before	Interior Girder 3	38.34	0.95	1	1	3.488281
HS15_str_opr	BOBJ1	151.05	Before	Interior Girder 4	38.34	0.95	1	1	3.488281
HS15_str_opr	BOBJ1	151.05	Before	Interior Girder 5	38.34	0.95	1	1	3.611248
HS15_str_opr	BOBJ1	151.05	Before	Interior Girder 6	38.34	0.95	1	1	3.971624
HS15_str_opr	BOBJ1	151.05	Before	Right Exterior Girder	38.34	0.95	1	1	4.434556
HS15_str_opr	BOBJ1	151.05	After	Left Exterior Girder	38.34	0.95	1	1	4.382554
HS15_str_opr	BOBJ1	151.05	After	Interior Girder 1	38.34	0.95	1	1	4.000945
HS15_str_opr	BOBJ1	151.05	After	Interior Girder 2	38.34	0.95	1	1	3.623015
HS15_str_opr	BOBJ1	151.05	After	Interior Girder 3	38.34	0.95	1	1	3.460854
HS15_str_opr	BOBJ1	151.05	After	Interior Girder 4	38.34	0.95	1	1	3.460854
HS15_str_opr	BOBJ1	151.05	After	Interior Girder 5	38.34	0.95	1	1	3.623015
HS15_str_opr	BOBJ1	151.05	After	Interior Girder 6	38.34	0.95	1	1	4.000945
HS15_str_opr	BOBJ1	151.05	After	Right Exterior Girder	38.34	0.95	1	1	4.382554
HS15_str_opr	BOBJ1	157.4367	Before	Left Exterior Girder	44.7267	0.95	1	1	5.082659
HS15_str_opr	BOBJ1	157.4367	Before	Interior Girder 1	44.7267	0.95	1	1	5.376816
HS15_str_opr	BOBJ1	157.4367	Before	Interior Girder 2	44.7267	0.95	1	1	5.217136
HS15_str_opr	BOBJ1	157.4367	Before	Interior Girder 3	44.7267	0.95	1	1	5.0981
HS15_str_opr	BOBJ1	157.4367	Before	Interior Girder 4	44.7267	0.95	1	1	5.0981
HS15_str_opr	BOBJ1	157.4367	Before	Interior Girder 5	44.7267	0.95	1	1	5.217136
HS15_str_opr	BOBJ1	157.4367	Before	Interior Girder 6	44.7267	0.95	1	1	5.376816
HS15_str_opr	BOBJ1	157.4367	Before	Right Exterior Girder	44.7267	0.95	1	1	5.082659
HS15_str_opr	BOBJ1	157.4367	After	Left Exterior Girder	44.7267	0.95	1	1	5.13971
HS15_str_opr	BOBJ1	157.4367	After	Interior Girder 1	44.7267	0.95	1	1	5.322531
HS15_str_opr	BOBJ1	157.4367	After	Interior Girder 2	44.7267	0.95	1	1	5.212118
HS15_str_opr	BOBJ1	157.4367	After	Interior Girder 3	44.7267	0.95	1	1	5.018961
HS15_str_opr	BOBJ1	157.4367	After	Interior Girder 4	44.7267	0.95	1	1	5.018961
HS15_str_opr	BOBJ1	157.4367	After	Interior Girder 5	44.7267	0.95	1	1	5.212118
HS15_str_opr	BOBJ1	157.4367	After	Interior Girder 6	44.7267	0.95	1	1	5.322531
HS15_str_opr	BOBJ1	157.4367	After	Right Exterior Girder	44.7267	0.95	1	1	5.13971
HS15_str_opr	BOBJ1	158.71	Before	Left Exterior Girder	46	0.95	1	1	4.67657
HS15_str_opr	BOBJ1	158.71	Before	Interior Girder 1	46	0.95	1	1	5.007072
HS15_str_opr	BOBJ1	158.71	Before	Interior Girder 2	46	0.95	1	1	4.865833
HS15_str_opr	BOBJ1	158.71	Before	Interior Girder 3	46	0.95	1	1	4.837045
HS15_str_opr	BOBJ1	158.71	Before	Interior Girder 4	46	0.95	1	1	4.837045
HS15_str_opr	BOBJ1	158.71	Before	Interior Girder 5	46	0.95	1	1	4.865833
HS15_str_opr	BOBJ1	158.71	Before	Interior Girder 6	46	0.95	1	1	5.007072
HS15_str_opr	BOBJ1	158.71	Before	Right Exterior Girder	46	0.95	1	1	4.67657
HS15_str_opr	BOBJ1	158.71	After	Left Exterior Girder	46	0.95	1	1	6.472638
HS15_str_opr	BOBJ1	158.71	After	Interior Girder 1	46	0.95	1	1	6.302785
HS15_str_opr	BOBJ1	158.71	After	Interior Girder 2	46	0.95	1	1	6.100329
HS15_str_opr	BOBJ1	158.71	After	Interior Girder 3	46	0.95	1	1	6.10553
HS15_str_opr	BOBJ1	158.71	After	Interior Girder 4	46	0.95	1	1	6.10553
HS15_str_opr	BOBJ1	158.71	After	Interior Girder 5	46	0.95	1	1	6.100329
HS15_str_opr	BOBJ1	158.71	After	Interior Girder 6	46	0.95	1	1	6.302785
HS15_str_opr	BOBJ1	158.71	After	Right Exterior Girder	46	0.95	1	1	6.472638
HS15_str_opr	BOBJ1	163.8233	Before	Left Exterior Girder	51.1133	0.95	1	1	4.57354
HS15_str_opr	BOBJ1	163.8233	Before	Interior Girder 1	51.1133	0.95	1	1	4.861347
HS15_str_opr	BOBJ1	163.8233	Before	Interior Girder 2	51.1133	0.95	1	1	4.647898
HS15_str_opr	BOBJ1	163.8233	Before	Interior Girder 3	51.1133	0.95	1	1	4.369511
HS15_str_opr	BOBJ1	163.8233	Before	Interior Girder 4	51.1133	0.95	1	1	4.369511
HS15_str_opr	BOBJ1	163.8233	Before	Interior Girder 5	51.1133	0.95	1	1	4.647898

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelINonCompStrgth-Flx - Approach, Span 16-19									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
HS15_str_opr	BOBJ1	163.8233	Before	Interior Girder 6	51.1133	0.95	1	1	4.861347
HS15_str_opr	BOBJ1	163.8233	Before	Right Exterior Girder	51.1133	0.95	1	1	4.57354
HS15_str_opr	BOBJ1	163.8233	After	Left Exterior Girder	51.1133	0.95	1	1	4.661499
HS15_str_opr	BOBJ1	163.8233	After	Interior Girder 1	51.1133	0.95	1	1	4.731591
HS15_str_opr	BOBJ1	163.8233	After	Interior Girder 2	51.1133	0.95	1	1	4.55329
HS15_str_opr	BOBJ1	163.8233	After	Interior Girder 3	51.1133	0.95	1	1	4.29141
HS15_str_opr	BOBJ1	163.8233	After	Interior Girder 4	51.1133	0.95	1	1	4.29141
HS15_str_opr	BOBJ1	163.8233	After	Interior Girder 5	51.1133	0.95	1	1	4.55329
HS15_str_opr	BOBJ1	163.8233	After	Interior Girder 6	51.1133	0.95	1	1	4.731591
HS15_str_opr	BOBJ1	163.8233	After	Right Exterior Girder	51.1133	0.95	1	1	4.661499
HS15_str_opr	BOBJ1	164.71	Before	Left Exterior Girder	52	0.95	1	1	4.327621
HS15_str_opr	BOBJ1	164.71	Before	Right Exterior Girder	52	0.95	1	1	4.327621
HS15_str_opr	BOBJ1	164.71	After	Left Exterior Girder	52	0.95	1	1	6.820139
HS15_str_opr	BOBJ1	164.71	After	Right Exterior Girder	52	0.95	1	1	6.820139
HS15_str_opr	BOBJ1	170.21	Before	Left Exterior Girder	57.5	0.95	1	1	4.720518
HS15_str_opr	BOBJ1	170.21	Before	Interior Girder 1	57.5	0.95	1	1	2.894764
HS15_str_opr	BOBJ1	170.21	Before	Interior Girder 2	57.5	0.95	1	1	2.759241
HS15_str_opr	BOBJ1	170.21	Before	Interior Girder 3	57.5	0.95	1	1	2.2061
HS15_str_opr	BOBJ1	170.21	Before	Interior Girder 4	57.5	0.95	1	1	2.2061
HS15_str_opr	BOBJ1	170.21	Before	Interior Girder 5	57.5	0.95	1	1	2.759241
HS15_str_opr	BOBJ1	170.21	Before	Interior Girder 6	57.5	0.95	1	1	2.894764
HS15_str_opr	BOBJ1	170.21	Before	Right Exterior Girder	57.5	0.95	1	1	4.720518
HS15_str_opr	BOBJ1	170.21	After	Left Exterior Girder	0	0.95	1	1	4.799494
HS15_str_opr	BOBJ1	170.21	After	Interior Girder 1	0	0.95	1	1	3.724084
HS15_str_opr	BOBJ1	170.21	After	Interior Girder 2	0	0.95	1	1	3.531896
HS15_str_opr	BOBJ1	170.21	After	Interior Girder 3	0	0.95	1	1	2.919979
HS15_str_opr	BOBJ1	170.21	After	Interior Girder 4	0	0.95	1	1	2.919979
HS15_str_opr	BOBJ1	170.21	After	Interior Girder 5	0	0.95	1	1	3.531896
HS15_str_opr	BOBJ1	170.21	After	Interior Girder 6	0	0.95	1	1	3.724084
HS15_str_opr	BOBJ1	170.21	After	Right Exterior Girder	0	0.95	1	1	4.799494
HS15_str_opr	BOBJ1	176.21	Before	Left Exterior Girder	6	0.95	1	1	8.211961
HS15_str_opr	BOBJ1	176.21	Before	Right Exterior Girder	6	0.95	1	1	8.211961
HS15_str_opr	BOBJ1	176.21	After	Left Exterior Girder	6	0.95	1	1	5.359866
HS15_str_opr	BOBJ1	176.21	After	Right Exterior Girder	6	0.95	1	1	5.359866
HS15_str_opr	BOBJ1	176.6	Before	Left Exterior Girder	6.39	0.95	1	1	5.548488
HS15_str_opr	BOBJ1	176.6	Before	Interior Girder 1	6.39	0.95	1	1	6.64192
HS15_str_opr	BOBJ1	176.6	Before	Interior Girder 2	6.39	0.95	1	1	6.240687
HS15_str_opr	BOBJ1	176.6	Before	Interior Girder 3	6.39	0.95	1	1	5.905132
HS15_str_opr	BOBJ1	176.6	Before	Interior Girder 4	6.39	0.95	1	1	5.905132
HS15_str_opr	BOBJ1	176.6	Before	Interior Girder 5	6.39	0.95	1	1	6.240687
HS15_str_opr	BOBJ1	176.6	Before	Interior Girder 6	6.39	0.95	1	1	6.64192
HS15_str_opr	BOBJ1	176.6	Before	Right Exterior Girder	6.39	0.95	1	1	5.548488
HS15_str_opr	BOBJ1	176.6	After	Left Exterior Girder	6.39	0.95	1	1	5.40117
HS15_str_opr	BOBJ1	176.6	After	Interior Girder 1	6.39	0.95	1	1	6.816372
HS15_str_opr	BOBJ1	176.6	After	Interior Girder 2	6.39	0.95	1	1	6.381661
HS15_str_opr	BOBJ1	176.6	After	Interior Girder 3	6.39	0.95	1	1	6.025175
HS15_str_opr	BOBJ1	176.6	After	Interior Girder 4	6.39	0.95	1	1	6.025175
HS15_str_opr	BOBJ1	176.6	After	Interior Girder 5	6.39	0.95	1	1	6.381661
HS15_str_opr	BOBJ1	176.6	After	Interior Girder 6	6.39	0.95	1	1	6.816372
HS15_str_opr	BOBJ1	176.6	After	Right Exterior Girder	6.39	0.95	1	1	5.40117
HS15_str_opr	BOBJ1	182.99	Before	Left Exterior Girder	12.78	0.95	1	1	8.181017
HS15_str_opr	BOBJ1	182.99	Before	Interior Girder 1	12.78	0.95	1	1	5.964793
HS15_str_opr	BOBJ1	182.99	Before	Interior Girder 2	12.78	0.95	1	1	5.423933
HS15_str_opr	BOBJ1	182.99	Before	Interior Girder 3	12.78	0.95	1	1	5.254814
HS15_str_opr	BOBJ1	182.99	Before	Interior Girder 4	12.78	0.95	1	1	5.254814
HS15_str_opr	BOBJ1	182.99	Before	Interior Girder 5	12.78	0.95	1	1	5.423933
HS15_str_opr	BOBJ1	182.99	Before	Interior Girder 6	12.78	0.95	1	1	5.964793
HS15_str_opr	BOBJ1	182.99	Before	Right Exterior Girder	12.78	0.95	1	1	8.181017
HS15_str_opr	BOBJ1	182.99	After	Left Exterior Girder	12.78	0.95	1	1	8.087974
HS15_str_opr	BOBJ1	182.99	After	Interior Girder 1	12.78	0.95	1	1	5.98324
HS15_str_opr	BOBJ1	182.99	After	Interior Girder 2	12.78	0.95	1	1	5.457657
HS15_str_opr	BOBJ1	182.99	After	Interior Girder 3	12.78	0.95	1	1	5.429449
HS15_str_opr	BOBJ1	182.99	After	Interior Girder 4	12.78	0.95	1	1	5.429449
HS15_str_opr	BOBJ1	182.99	After	Interior Girder 5	12.78	0.95	1	1	5.457657
HS15_str_opr	BOBJ1	182.99	After	Interior Girder 6	12.78	0.95	1	1	5.98324

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelINonCompStrgth-Flx - Approach, Span 16-19									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
HS15_str_opr	BOBJ1	182.99	After	Right Exterior Girder	12.78	0.95	1	1	8.087974
HS15_str_opr	BOBJ1	189.38	Before	Left Exterior Girder	19.17	0.95	1	1	4.339518
HS15_str_opr	BOBJ1	189.38	Before	Interior Girder 1	19.17	0.95	1	1	3.813519
HS15_str_opr	BOBJ1	189.38	Before	Interior Girder 2	19.17	0.95	1	1	3.503239
HS15_str_opr	BOBJ1	189.38	Before	Interior Girder 3	19.17	0.95	1	1	3.399789
HS15_str_opr	BOBJ1	189.38	Before	Interior Girder 4	19.17	0.95	1	1	3.399789
HS15_str_opr	BOBJ1	189.38	Before	Interior Girder 5	19.17	0.95	1	1	3.503239
HS15_str_opr	BOBJ1	189.38	Before	Interior Girder 6	19.17	0.95	1	1	3.813519
HS15_str_opr	BOBJ1	189.38	Before	Right Exterior Girder	19.17	0.95	1	1	4.339518
HS15_str_opr	BOBJ1	189.38	After	Left Exterior Girder	19.17	0.95	1	1	4.409917
HS15_str_opr	BOBJ1	189.38	After	Interior Girder 1	19.17	0.95	1	1	3.775594
HS15_str_opr	BOBJ1	189.38	After	Interior Girder 2	19.17	0.95	1	1	3.490734
HS15_str_opr	BOBJ1	189.38	After	Interior Girder 3	19.17	0.95	1	1	3.428803
HS15_str_opr	BOBJ1	189.38	After	Interior Girder 4	19.17	0.95	1	1	3.428803
HS15_str_opr	BOBJ1	189.38	After	Interior Girder 5	19.17	0.95	1	1	3.490734
HS15_str_opr	BOBJ1	189.38	After	Interior Girder 6	19.17	0.95	1	1	3.775594
HS15_str_opr	BOBJ1	189.38	After	Right Exterior Girder	19.17	0.95	1	1	4.409917
HS15_str_opr	BOBJ1	195.77	Before	Left Exterior Girder	25.56	0.95	1	1	3.290199
HS15_str_opr	BOBJ1	195.77	Before	Interior Girder 1	25.56	0.95	1	1	2.60849
HS15_str_opr	BOBJ1	195.77	Before	Interior Girder 2	25.56	0.95	1	1	2.509885
HS15_str_opr	BOBJ1	195.77	Before	Interior Girder 3	25.56	0.95	1	1	2.422118
HS15_str_opr	BOBJ1	195.77	Before	Interior Girder 4	25.56	0.95	1	1	2.422118
HS15_str_opr	BOBJ1	195.77	Before	Interior Girder 5	25.56	0.95	1	1	2.509885
HS15_str_opr	BOBJ1	195.77	Before	Interior Girder 6	25.56	0.95	1	1	2.60849
HS15_str_opr	BOBJ1	195.77	Before	Right Exterior Girder	25.56	0.95	1	1	3.290199
HS15_str_opr	BOBJ1	195.77	After	Left Exterior Girder	25.56	0.95	1	1	3.351311
HS15_str_opr	BOBJ1	195.77	After	Interior Girder 1	25.56	0.95	1	1	2.579
HS15_str_opr	BOBJ1	195.77	After	Interior Girder 2	25.56	0.95	1	1	2.503303
HS15_str_opr	BOBJ1	195.77	After	Interior Girder 3	25.56	0.95	1	1	2.437475
HS15_str_opr	BOBJ1	195.77	After	Interior Girder 4	25.56	0.95	1	1	2.437475
HS15_str_opr	BOBJ1	195.77	After	Interior Girder 5	25.56	0.95	1	1	2.503303
HS15_str_opr	BOBJ1	195.77	After	Interior Girder 6	25.56	0.95	1	1	2.579
HS15_str_opr	BOBJ1	195.77	After	Right Exterior Girder	25.56	0.95	1	1	3.351311
HS15_str_opr	BOBJ1	202.16	Before	Left Exterior Girder	31.95	0.95	1	1	2.912305
HS15_str_opr	BOBJ1	202.16	Before	Interior Girder 1	31.95	0.95	1	1	2.312897
HS15_str_opr	BOBJ1	202.16	Before	Interior Girder 2	31.95	0.95	1	1	2.248854
HS15_str_opr	BOBJ1	202.16	Before	Interior Girder 3	31.95	0.95	1	1	2.192724
HS15_str_opr	BOBJ1	202.16	Before	Interior Girder 4	31.95	0.95	1	1	2.192724
HS15_str_opr	BOBJ1	202.16	Before	Interior Girder 5	31.95	0.95	1	1	2.248854
HS15_str_opr	BOBJ1	202.16	Before	Interior Girder 6	31.95	0.95	1	1	2.312897
HS15_str_opr	BOBJ1	202.16	Before	Right Exterior Girder	31.95	0.95	1	1	2.912305
HS15_str_opr	BOBJ1	202.16	After	Left Exterior Girder	31.95	0.95	1	1	2.89326
HS15_str_opr	BOBJ1	202.16	After	Interior Girder 1	31.95	0.95	1	1	2.318721
HS15_str_opr	BOBJ1	202.16	After	Interior Girder 2	31.95	0.95	1	1	2.255151
HS15_str_opr	BOBJ1	202.16	After	Interior Girder 3	31.95	0.95	1	1	2.194743
HS15_str_opr	BOBJ1	202.16	After	Interior Girder 4	31.95	0.95	1	1	2.194743
HS15_str_opr	BOBJ1	202.16	After	Interior Girder 5	31.95	0.95	1	1	2.255151
HS15_str_opr	BOBJ1	202.16	After	Interior Girder 6	31.95	0.95	1	1	2.318721
HS15_str_opr	BOBJ1	202.16	After	Right Exterior Girder	31.95	0.95	1	1	2.89326
HS15_str_opr	BOBJ1	208.55	Before	Left Exterior Girder	38.34	0.95	1	1	2.81376
HS15_str_opr	BOBJ1	208.55	Before	Interior Girder 1	38.34	0.95	1	1	2.499682
HS15_str_opr	BOBJ1	208.55	Before	Interior Girder 2	38.34	0.95	1	1	2.416892
HS15_str_opr	BOBJ1	208.55	Before	Interior Girder 3	38.34	0.95	1	1	2.387723
HS15_str_opr	BOBJ1	208.55	Before	Interior Girder 4	38.34	0.95	1	1	2.387723
HS15_str_opr	BOBJ1	208.55	Before	Interior Girder 5	38.34	0.95	1	1	2.416892
HS15_str_opr	BOBJ1	208.55	Before	Interior Girder 6	38.34	0.95	1	1	2.499682
HS15_str_opr	BOBJ1	208.55	Before	Right Exterior Girder	38.34	0.95	1	1	2.81376
HS15_str_opr	BOBJ1	208.55	After	Left Exterior Girder	38.34	0.95	1	1	2.78749
HS15_str_opr	BOBJ1	208.55	After	Interior Girder 1	38.34	0.95	1	1	2.511987
HS15_str_opr	BOBJ1	208.55	After	Interior Girder 2	38.34	0.95	1	1	2.416518
HS15_str_opr	BOBJ1	208.55	After	Interior Girder 3	38.34	0.95	1	1	2.378222
HS15_str_opr	BOBJ1	208.55	After	Interior Girder 4	38.34	0.95	1	1	2.378222
HS15_str_opr	BOBJ1	208.55	After	Interior Girder 5	38.34	0.95	1	1	2.416518
HS15_str_opr	BOBJ1	208.55	After	Interior Girder 6	38.34	0.95	1	1	2.511987
HS15_str_opr	BOBJ1	208.55	After	Right Exterior Girder	38.34	0.95	1	1	2.78749

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelINonCompStrgth-Flx - Approach, Span 16-19									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
HS15_str_opr	BOBJ1	215.1233	Before	Left Exterior Girder	44.9133	0.95	1	1	3.825066
HS15_str_opr	BOBJ1	215.1233	Before	Interior Girder 1	44.9133	0.95	1	1	2.887955
HS15_str_opr	BOBJ1	215.1233	Before	Interior Girder 2	44.9133	0.95	1	1	2.789731
HS15_str_opr	BOBJ1	215.1233	Before	Interior Girder 3	44.9133	0.95	1	1	2.712049
HS15_str_opr	BOBJ1	215.1233	Before	Interior Girder 4	44.9133	0.95	1	1	2.712049
HS15_str_opr	BOBJ1	215.1233	Before	Interior Girder 5	44.9133	0.95	1	1	2.789731
HS15_str_opr	BOBJ1	215.1233	Before	Interior Girder 6	44.9133	0.95	1	1	2.887955
HS15_str_opr	BOBJ1	215.1233	Before	Right Exterior Girder	44.9133	0.95	1	1	3.825066
HS15_str_opr	BOBJ1	215.1233	After	Left Exterior Girder	44.9133	0.95	1	1	3.797558
HS15_str_opr	BOBJ1	215.1233	After	Interior Girder 1	44.9133	0.95	1	1	2.895429
HS15_str_opr	BOBJ1	215.1233	After	Interior Girder 2	44.9133	0.95	1	1	2.747063
HS15_str_opr	BOBJ1	215.1233	After	Interior Girder 3	44.9133	0.95	1	1	2.649875
HS15_str_opr	BOBJ1	215.1233	After	Interior Girder 4	44.9133	0.95	1	1	2.649875
HS15_str_opr	BOBJ1	215.1233	After	Interior Girder 5	44.9133	0.95	1	1	2.747063
HS15_str_opr	BOBJ1	215.1233	After	Interior Girder 6	44.9133	0.95	1	1	2.895429
HS15_str_opr	BOBJ1	215.1233	After	Right Exterior Girder	44.9133	0.95	1	1	3.797558
HS15_str_opr	BOBJ1	221.6967	Before	Left Exterior Girder	51.4867	0.95	1	1	7.632374
HS15_str_opr	BOBJ1	221.6967	Before	Interior Girder 1	51.4867	0.95	1	1	4.75384
HS15_str_opr	BOBJ1	221.6967	Before	Interior Girder 2	51.4867	0.95	1	1	4.566451
HS15_str_opr	BOBJ1	221.6967	Before	Interior Girder 3	51.4867	0.95	1	1	4.156296
HS15_str_opr	BOBJ1	221.6967	Before	Interior Girder 4	51.4867	0.95	1	1	4.156296
HS15_str_opr	BOBJ1	221.6967	Before	Interior Girder 5	51.4867	0.95	1	1	4.566451
HS15_str_opr	BOBJ1	221.6967	Before	Interior Girder 6	51.4867	0.95	1	1	4.75384
HS15_str_opr	BOBJ1	221.6967	Before	Right Exterior Girder	51.4867	0.95	1	1	7.632374
HS15_str_opr	BOBJ1	221.6967	After	Left Exterior Girder	51.4867	0.95	1	1	7.555721
HS15_str_opr	BOBJ1	221.6967	After	Interior Girder 1	51.4867	0.95	1	1	4.785055
HS15_str_opr	BOBJ1	221.6967	After	Interior Girder 2	51.4867	0.95	1	1	4.501409
HS15_str_opr	BOBJ1	221.6967	After	Interior Girder 3	51.4867	0.95	1	1	3.997375
HS15_str_opr	BOBJ1	221.6967	After	Interior Girder 4	51.4867	0.95	1	1	3.997375
HS15_str_opr	BOBJ1	221.6967	After	Interior Girder 5	51.4867	0.95	1	1	4.501409
HS15_str_opr	BOBJ1	221.6967	After	Interior Girder 6	51.4867	0.95	1	1	4.785055
HS15_str_opr	BOBJ1	221.6967	After	Right Exterior Girder	51.4867	0.95	1	1	7.555721
HS15_str_opr	BOBJ1	228.27	Before	Left Exterior Girder	58.06	0.95	1	1	595.551373
HS15_str_opr	BOBJ1	228.27	Before	Interior Girder 1	58.06	0.95	1	1	438.834787
HS15_str_opr	BOBJ1	228.27	Before	Interior Girder 2	58.06	0.95	1	1	329.964246
HS15_str_opr	BOBJ1	228.27	Before	Interior Girder 3	58.06	0.95	1	1	238.780443
HS15_str_opr	BOBJ1	228.27	Before	Interior Girder 4	58.06	0.95	1	1	238.780442
HS15_str_opr	BOBJ1	228.27	Before	Interior Girder 5	58.06	0.95	1	1	329.964246
HS15_str_opr	BOBJ1	228.27	Before	Interior Girder 6	58.06	0.95	1	1	438.834787
HS15_str_opr	BOBJ1	228.27	Before	Right Exterior Girder	58.06	0.95	1	1	595.551374
HS15_str_inv	BOBJ1	0	After	Left Exterior Girder	0	0.95	1	1	475.534668
HS15_str_inv	BOBJ1	0	After	Interior Girder 1	0	0.95	1	1	491.935081
HS15_str_inv	BOBJ1	0	After	Interior Girder 2	0	0.95	1	1	274.961627
HS15_str_inv	BOBJ1	0	After	Interior Girder 3	0	0.95	1	1	220.516211
HS15_str_inv	BOBJ1	0	After	Interior Girder 4	0	0.95	1	1	220.516211
HS15_str_inv	BOBJ1	0	After	Interior Girder 5	0	0.95	1	1	274.96163
HS15_str_inv	BOBJ1	0	After	Interior Girder 6	0	0.95	1	1	491.935081
HS15_str_inv	BOBJ1	0	After	Right Exterior Girder	0	0.95	1	1	475.534668
HS15_str_inv	BOBJ1	5.3833	Before	Left Exterior Girder	5.3833	0.95	1	1	6.26282
HS15_str_inv	BOBJ1	5.3833	Before	Interior Girder 1	5.3833	0.95	1	1	3.988381
HS15_str_inv	BOBJ1	5.3833	Before	Interior Girder 2	5.3833	0.95	1	1	3.749782
HS15_str_inv	BOBJ1	5.3833	Before	Interior Girder 3	5.3833	0.95	1	1	3.24798
HS15_str_inv	BOBJ1	5.3833	Before	Interior Girder 4	5.3833	0.95	1	1	3.24798
HS15_str_inv	BOBJ1	5.3833	Before	Interior Girder 5	5.3833	0.95	1	1	3.749782
HS15_str_inv	BOBJ1	5.3833	Before	Interior Girder 6	5.3833	0.95	1	1	3.988381
HS15_str_inv	BOBJ1	5.3833	Before	Right Exterior Girder	5.3833	0.95	1	1	6.26282
HS15_str_inv	BOBJ1	5.3833	After	Left Exterior Girder	5.3833	0.95	1	1	6.346193
HS15_str_inv	BOBJ1	5.3833	After	Interior Girder 1	5.3833	0.95	1	1	3.994419
HS15_str_inv	BOBJ1	5.3833	After	Interior Girder 2	5.3833	0.95	1	1	3.808821
HS15_str_inv	BOBJ1	5.3833	After	Interior Girder 3	5.3833	0.95	1	1	3.357459
HS15_str_inv	BOBJ1	5.3833	After	Interior Girder 4	5.3833	0.95	1	1	3.357459
HS15_str_inv	BOBJ1	5.3833	After	Interior Girder 5	5.3833	0.95	1	1	3.80882
HS15_str_inv	BOBJ1	5.3833	After	Interior Girder 6	5.3833	0.95	1	1	3.994419
HS15_str_inv	BOBJ1	5.3833	After	Right Exterior Girder	5.3833	0.95	1	1	6.346193
HS15_str_inv	BOBJ1	10.7667	Before	Left Exterior Girder	10.7667	0.95	1	1	3.462468

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelINonCompStrgth-Flx - Approach, Span 16-19									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
HS15_str_inv	BOBJ1	10.7667	Before	Interior Girder 1	10.7667	0.95	1	1	2.5723
HS15_str_inv	BOBJ1	10.7667	Before	Interior Girder 2	10.7667	0.95	1	1	2.402164
HS15_str_inv	BOBJ1	10.7667	Before	Interior Girder 3	10.7667	0.95	1	1	2.269192
HS15_str_inv	BOBJ1	10.7667	Before	Interior Girder 4	10.7667	0.95	1	1	2.269192
HS15_str_inv	BOBJ1	10.7667	Before	Interior Girder 5	10.7667	0.95	1	1	2.402164
HS15_str_inv	BOBJ1	10.7667	Before	Interior Girder 6	10.7667	0.95	1	1	2.5723
HS15_str_inv	BOBJ1	10.7667	Before	Right Exterior Girder	10.7667	0.95	1	1	3.462468
HS15_str_inv	BOBJ1	10.7667	After	Left Exterior Girder	10.7667	0.95	1	1	3.450008
HS15_str_inv	BOBJ1	10.7667	After	Interior Girder 1	10.7667	0.95	1	1	2.57939
HS15_str_inv	BOBJ1	10.7667	After	Interior Girder 2	10.7667	0.95	1	1	2.439409
HS15_str_inv	BOBJ1	10.7667	After	Interior Girder 3	10.7667	0.95	1	1	2.311817
HS15_str_inv	BOBJ1	10.7667	After	Interior Girder 4	10.7667	0.95	1	1	2.311817
HS15_str_inv	BOBJ1	10.7667	After	Interior Girder 5	10.7667	0.95	1	1	2.439409
HS15_str_inv	BOBJ1	10.7667	After	Interior Girder 6	10.7667	0.95	1	1	2.57939
HS15_str_inv	BOBJ1	10.7667	After	Right Exterior Girder	10.7667	0.95	1	1	3.450008
HS15_str_inv	BOBJ1	16.15	Before	Left Exterior Girder	16.15	0.95	1	1	2.702781
HS15_str_inv	BOBJ1	16.15	Before	Interior Girder 1	16.15	0.95	1	1	2.376754
HS15_str_inv	BOBJ1	16.15	Before	Interior Girder 2	16.15	0.95	1	1	2.219313
HS15_str_inv	BOBJ1	16.15	Before	Interior Girder 3	16.15	0.95	1	1	2.133339
HS15_str_inv	BOBJ1	16.15	Before	Interior Girder 4	16.15	0.95	1	1	2.133339
HS15_str_inv	BOBJ1	16.15	Before	Interior Girder 5	16.15	0.95	1	1	2.219313
HS15_str_inv	BOBJ1	16.15	Before	Interior Girder 6	16.15	0.95	1	1	2.376754
HS15_str_inv	BOBJ1	16.15	Before	Right Exterior Girder	16.15	0.95	1	1	2.702781
HS15_str_inv	BOBJ1	16.15	After	Left Exterior Girder	16.15	0.95	1	1	2.710204
HS15_str_inv	BOBJ1	16.15	After	Interior Girder 1	16.15	0.95	1	1	2.371597
HS15_str_inv	BOBJ1	16.15	After	Interior Girder 2	16.15	0.95	1	1	2.223846
HS15_str_inv	BOBJ1	16.15	After	Interior Girder 3	16.15	0.95	1	1	2.140192
HS15_str_inv	BOBJ1	16.15	After	Interior Girder 4	16.15	0.95	1	1	2.140192
HS15_str_inv	BOBJ1	16.15	After	Interior Girder 5	16.15	0.95	1	1	2.223846
HS15_str_inv	BOBJ1	16.15	After	Interior Girder 6	16.15	0.95	1	1	2.371597
HS15_str_inv	BOBJ1	16.15	After	Right Exterior Girder	16.15	0.95	1	1	2.710204
HS15_str_inv	BOBJ1	22.1267	Before	Left Exterior Girder	22.1267	0.95	1	1	3.00237
HS15_str_inv	BOBJ1	22.1267	Before	Interior Girder 1	22.1267	0.95	1	1	2.320034
HS15_str_inv	BOBJ1	22.1267	Before	Interior Girder 2	22.1267	0.95	1	1	2.188014
HS15_str_inv	BOBJ1	22.1267	Before	Interior Girder 3	22.1267	0.95	1	1	2.075309
HS15_str_inv	BOBJ1	22.1267	Before	Interior Girder 4	22.1267	0.95	1	1	2.075309
HS15_str_inv	BOBJ1	22.1267	Before	Interior Girder 5	22.1267	0.95	1	1	2.188014
HS15_str_inv	BOBJ1	22.1267	Before	Interior Girder 6	22.1267	0.95	1	1	2.320034
HS15_str_inv	BOBJ1	22.1267	Before	Right Exterior Girder	22.1267	0.95	1	1	3.00237
HS15_str_inv	BOBJ1	22.1267	After	Left Exterior Girder	22.1267	0.95	1	1	3.023633
HS15_str_inv	BOBJ1	22.1267	After	Interior Girder 1	22.1267	0.95	1	1	2.315817
HS15_str_inv	BOBJ1	22.1267	After	Interior Girder 2	22.1267	0.95	1	1	2.177722
HS15_str_inv	BOBJ1	22.1267	After	Interior Girder 3	22.1267	0.95	1	1	2.0606
HS15_str_inv	BOBJ1	22.1267	After	Interior Girder 4	22.1267	0.95	1	1	2.0606
HS15_str_inv	BOBJ1	22.1267	After	Interior Girder 5	22.1267	0.95	1	1	2.177722
HS15_str_inv	BOBJ1	22.1267	After	Interior Girder 6	22.1267	0.95	1	1	2.315817
HS15_str_inv	BOBJ1	22.1267	After	Right Exterior Girder	22.1267	0.95	1	1	3.023633
HS15_str_inv	BOBJ1	28.1033	Before	Left Exterior Girder	28.1033	0.95	1	1	3.785131
HS15_str_inv	BOBJ1	28.1033	Before	Interior Girder 1	28.1033	0.95	1	1	2.732227
HS15_str_inv	BOBJ1	28.1033	Before	Interior Girder 2	28.1033	0.95	1	1	2.580684
HS15_str_inv	BOBJ1	28.1033	Before	Interior Girder 3	28.1033	0.95	1	1	2.46039
HS15_str_inv	BOBJ1	28.1033	Before	Interior Girder 4	28.1033	0.95	1	1	2.46039
HS15_str_inv	BOBJ1	28.1033	Before	Interior Girder 5	28.1033	0.95	1	1	2.580684
HS15_str_inv	BOBJ1	28.1033	Before	Interior Girder 6	28.1033	0.95	1	1	2.732227
HS15_str_inv	BOBJ1	28.1033	Before	Right Exterior Girder	28.1033	0.95	1	1	3.785131
HS15_str_inv	BOBJ1	28.1033	After	Left Exterior Girder	28.1033	0.95	1	1	3.727656
HS15_str_inv	BOBJ1	28.1033	After	Interior Girder 1	28.1033	0.95	1	1	2.755794
HS15_str_inv	BOBJ1	28.1033	After	Interior Girder 2	28.1033	0.95	1	1	2.579264
HS15_str_inv	BOBJ1	28.1033	After	Interior Girder 3	28.1033	0.95	1	1	2.435416
HS15_str_inv	BOBJ1	28.1033	After	Interior Girder 4	28.1033	0.95	1	1	2.435416
HS15_str_inv	BOBJ1	28.1033	After	Interior Girder 5	28.1033	0.95	1	1	2.579264
HS15_str_inv	BOBJ1	28.1033	After	Interior Girder 6	28.1033	0.95	1	1	2.755794
HS15_str_inv	BOBJ1	28.1033	After	Right Exterior Girder	28.1033	0.95	1	1	3.727656
HS15_str_inv	BOBJ1	34.08	Before	Left Exterior Girder	34.08	0.95	1	1	4.191261
HS15_str_inv	BOBJ1	34.08	Before	Interior Girder 1	34.08	0.95	1	1	4.26198

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelINonCompStrgth-Flx - Approach, Span 16-19									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
HS15_str_inv	BOBJ1	34.08	Before	Interior Girder 2	34.08	0.95	1	1	4.16043
HS15_str_inv	BOBJ1	34.08	Before	Interior Girder 3	34.08	0.95	1	1	4.032416
HS15_str_inv	BOBJ1	34.08	Before	Interior Girder 4	34.08	0.95	1	1	4.032416
HS15_str_inv	BOBJ1	34.08	Before	Interior Girder 5	34.08	0.95	1	1	4.16043
HS15_str_inv	BOBJ1	34.08	Before	Interior Girder 6	34.08	0.95	1	1	4.26198
HS15_str_inv	BOBJ1	34.08	Before	Right Exterior Girder	34.08	0.95	1	1	4.191261
HS15_str_inv	BOBJ1	34.08	After	Left Exterior Girder	34.08	0.95	1	1	3.978244
HS15_str_inv	BOBJ1	34.08	After	Interior Girder 1	34.08	0.95	1	1	4.216557
HS15_str_inv	BOBJ1	34.08	After	Interior Girder 2	34.08	0.95	1	1	4.165718
HS15_str_inv	BOBJ1	34.08	After	Interior Girder 3	34.08	0.95	1	1	3.983754
HS15_str_inv	BOBJ1	34.08	After	Interior Girder 4	34.08	0.95	1	1	3.983754
HS15_str_inv	BOBJ1	34.08	After	Interior Girder 5	34.08	0.95	1	1	4.165718
HS15_str_inv	BOBJ1	34.08	After	Interior Girder 6	34.08	0.95	1	1	4.216557
HS15_str_inv	BOBJ1	34.08	After	Right Exterior Girder	34.08	0.95	1	1	3.978244
HS15_str_inv	BOBJ1	39.855	Before	Left Exterior Girder	39.855	0.95	1	1	2.50313
HS15_str_inv	BOBJ1	39.855	Before	Interior Girder 1	39.855	0.95	1	1	3.129129
HS15_str_inv	BOBJ1	39.855	Before	Interior Girder 2	39.855	0.95	1	1	3.111158
HS15_str_inv	BOBJ1	39.855	Before	Interior Girder 3	39.855	0.95	1	1	2.981604
HS15_str_inv	BOBJ1	39.855	Before	Interior Girder 4	39.855	0.95	1	1	2.981604
HS15_str_inv	BOBJ1	39.855	Before	Interior Girder 5	39.855	0.95	1	1	3.111158
HS15_str_inv	BOBJ1	39.855	Before	Interior Girder 6	39.855	0.95	1	1	3.129129
HS15_str_inv	BOBJ1	39.855	Before	Right Exterior Girder	39.855	0.95	1	1	2.50313
HS15_str_inv	BOBJ1	39.855	After	Left Exterior Girder	39.855	0.95	1	1	2.553957
HS15_str_inv	BOBJ1	39.855	After	Interior Girder 1	39.855	0.95	1	1	3.081839
HS15_str_inv	BOBJ1	39.855	After	Interior Girder 2	39.855	0.95	1	1	3.073969
HS15_str_inv	BOBJ1	39.855	After	Interior Girder 3	39.855	0.95	1	1	2.969212
HS15_str_inv	BOBJ1	39.855	After	Interior Girder 4	39.855	0.95	1	1	2.969212
HS15_str_inv	BOBJ1	39.855	After	Interior Girder 5	39.855	0.95	1	1	3.073969
HS15_str_inv	BOBJ1	39.855	After	Interior Girder 6	39.855	0.95	1	1	3.081839
HS15_str_inv	BOBJ1	39.855	After	Right Exterior Girder	39.855	0.95	1	1	2.553957
HS15_str_inv	BOBJ1	40.0288	Before	Left Exterior Girder	40.0288	0.95	1	1	2.497176
HS15_str_inv	BOBJ1	40.0288	Before	Right Exterior Girder	40.0288	0.95	1	1	2.497176
HS15_str_inv	BOBJ1	40.0288	After	Left Exterior Girder	40.0288	0.95	1	1	3.693578
HS15_str_inv	BOBJ1	40.0288	After	Right Exterior Girder	40.0288	0.95	1	1	3.693578
HS15_str_inv	BOBJ1	45.63	Before	Left Exterior Girder	45.63	0.95	1	1	2.293479
HS15_str_inv	BOBJ1	45.63	Before	Interior Girder 1	45.63	0.95	1	1	2.139204
HS15_str_inv	BOBJ1	45.63	Before	Interior Girder 2	45.63	0.95	1	1	2.088363
HS15_str_inv	BOBJ1	45.63	Before	Interior Girder 3	45.63	0.95	1	1	1.719245
HS15_str_inv	BOBJ1	45.63	Before	Interior Girder 4	45.63	0.95	1	1	1.719245
HS15_str_inv	BOBJ1	45.63	Before	Interior Girder 5	45.63	0.95	1	1	2.088363
HS15_str_inv	BOBJ1	45.63	Before	Interior Girder 6	45.63	0.95	1	1	2.139204
HS15_str_inv	BOBJ1	45.63	Before	Right Exterior Girder	45.63	0.95	1	1	2.293479
HS15_str_inv	BOBJ1	45.63	After	Left Exterior Girder	0	0.95	1	1	2.275318
HS15_str_inv	BOBJ1	45.63	After	Interior Girder 1	0	0.95	1	1	1.951777
HS15_str_inv	BOBJ1	45.63	After	Interior Girder 2	0	0.95	1	1	1.928395
HS15_str_inv	BOBJ1	45.63	After	Interior Girder 3	0	0.95	1	1	1.582842
HS15_str_inv	BOBJ1	45.63	After	Interior Girder 4	0	0.95	1	1	1.582842
HS15_str_inv	BOBJ1	45.63	After	Interior Girder 5	0	0.95	1	1	1.928395
HS15_str_inv	BOBJ1	45.63	After	Interior Girder 6	0	0.95	1	1	1.951777
HS15_str_inv	BOBJ1	45.63	After	Right Exterior Girder	0	0.95	1	1	2.275318
HS15_str_inv	BOBJ1	50.6298	Before	Left Exterior Girder	4.9998	0.95	1	1	6.420819
HS15_str_inv	BOBJ1	50.6298	Before	Right Exterior Girder	4.9998	0.95	1	1	6.420819
HS15_str_inv	BOBJ1	50.6298	After	Left Exterior Girder	4.9998	0.95	1	1	4.109027
HS15_str_inv	BOBJ1	50.6298	After	Right Exterior Girder	4.9998	0.95	1	1	4.109027
HS15_str_inv	BOBJ1	51.4	Before	Left Exterior Girder	5.77	0.95	1	1	4.934938
HS15_str_inv	BOBJ1	51.4	Before	Interior Girder 1	5.77	0.95	1	1	5.372575
HS15_str_inv	BOBJ1	51.4	Before	Interior Girder 2	5.77	0.95	1	1	5.010022
HS15_str_inv	BOBJ1	51.4	Before	Interior Girder 3	5.77	0.95	1	1	4.622684
HS15_str_inv	BOBJ1	51.4	Before	Interior Girder 4	5.77	0.95	1	1	4.622684
HS15_str_inv	BOBJ1	51.4	Before	Interior Girder 5	5.77	0.95	1	1	5.010022
HS15_str_inv	BOBJ1	51.4	Before	Interior Girder 6	5.77	0.95	1	1	5.372575
HS15_str_inv	BOBJ1	51.4	Before	Right Exterior Girder	5.77	0.95	1	1	4.934938
HS15_str_inv	BOBJ1	51.4	After	Left Exterior Girder	5.77	0.95	1	1	4.819726
HS15_str_inv	BOBJ1	51.4	After	Interior Girder 1	5.77	0.95	1	1	5.47338
HS15_str_inv	BOBJ1	51.4	After	Interior Girder 2	5.77	0.95	1	1	4.993414

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelINonCompStrgth-Flx - Approach, Span 16-19									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
HS15_str_inv	BOBJ1	51.4	After	Interior Girder 3	5.77	0.95	1	1	4.565603
HS15_str_inv	BOBJ1	51.4	After	Interior Girder 4	5.77	0.95	1	1	4.565603
HS15_str_inv	BOBJ1	51.4	After	Interior Girder 5	5.77	0.95	1	1	4.993414
HS15_str_inv	BOBJ1	51.4	After	Interior Girder 6	5.77	0.95	1	1	5.47338
HS15_str_inv	BOBJ1	51.4	After	Right Exterior Girder	5.77	0.95	1	1	4.819726
HS15_str_inv	BOBJ1	57.17	Before	Left Exterior Girder	11.54	0.95	1	1	7.325904
HS15_str_inv	BOBJ1	57.17	Before	Interior Girder 1	11.54	0.95	1	1	5.683588
HS15_str_inv	BOBJ1	57.17	Before	Interior Girder 2	11.54	0.95	1	1	4.828737
HS15_str_inv	BOBJ1	57.17	Before	Interior Girder 3	11.54	0.95	1	1	4.568052
HS15_str_inv	BOBJ1	57.17	Before	Interior Girder 4	11.54	0.95	1	1	4.568052
HS15_str_inv	BOBJ1	57.17	Before	Interior Girder 5	11.54	0.95	1	1	4.828737
HS15_str_inv	BOBJ1	57.17	Before	Interior Girder 6	11.54	0.95	1	1	5.683588
HS15_str_inv	BOBJ1	57.17	Before	Right Exterior Girder	11.54	0.95	1	1	7.325904
HS15_str_inv	BOBJ1	57.17	After	Left Exterior Girder	11.54	0.95	1	1	7.474956
HS15_str_inv	BOBJ1	57.17	After	Interior Girder 1	11.54	0.95	1	1	5.600607
HS15_str_inv	BOBJ1	57.17	After	Interior Girder 2	11.54	0.95	1	1	4.790672
HS15_str_inv	BOBJ1	57.17	After	Interior Girder 3	11.54	0.95	1	1	4.629143
HS15_str_inv	BOBJ1	57.17	After	Interior Girder 4	11.54	0.95	1	1	4.629143
HS15_str_inv	BOBJ1	57.17	After	Interior Girder 5	11.54	0.95	1	1	4.790672
HS15_str_inv	BOBJ1	57.17	After	Interior Girder 6	11.54	0.95	1	1	5.600607
HS15_str_inv	BOBJ1	57.17	After	Right Exterior Girder	11.54	0.95	1	1	7.474956
HS15_str_inv	BOBJ1	63.34	Before	Left Exterior Girder	17.71	0.95	1	1	3.554728
HS15_str_inv	BOBJ1	63.34	Before	Interior Girder 1	17.71	0.95	1	1	2.683585
HS15_str_inv	BOBJ1	63.34	Before	Interior Girder 2	17.71	0.95	1	1	2.515255
HS15_str_inv	BOBJ1	63.34	Before	Interior Girder 3	17.71	0.95	1	1	2.387441
HS15_str_inv	BOBJ1	63.34	Before	Interior Girder 4	17.71	0.95	1	1	2.387441
HS15_str_inv	BOBJ1	63.34	Before	Interior Girder 5	17.71	0.95	1	1	2.515255
HS15_str_inv	BOBJ1	63.34	Before	Interior Girder 6	17.71	0.95	1	1	2.683585
HS15_str_inv	BOBJ1	63.34	Before	Right Exterior Girder	17.71	0.95	1	1	3.554728
HS15_str_inv	BOBJ1	63.34	After	Left Exterior Girder	17.71	0.95	1	1	3.661574
HS15_str_inv	BOBJ1	63.34	After	Interior Girder 1	17.71	0.95	1	1	2.639398
HS15_str_inv	BOBJ1	63.34	After	Interior Girder 2	17.71	0.95	1	1	2.507408
HS15_str_inv	BOBJ1	63.34	After	Interior Girder 3	17.71	0.95	1	1	2.422191
HS15_str_inv	BOBJ1	63.34	After	Interior Girder 4	17.71	0.95	1	1	2.422191
HS15_str_inv	BOBJ1	63.34	After	Interior Girder 5	17.71	0.95	1	1	2.507408
HS15_str_inv	BOBJ1	63.34	After	Interior Girder 6	17.71	0.95	1	1	2.639398
HS15_str_inv	BOBJ1	63.34	After	Right Exterior Girder	17.71	0.95	1	1	3.661574
HS15_str_inv	BOBJ1	69.51	Before	Left Exterior Girder	23.88	0.95	1	1	2.231721
HS15_str_inv	BOBJ1	69.51	Before	Interior Girder 1	23.88	0.95	1	1	1.869386
HS15_str_inv	BOBJ1	69.51	Before	Interior Girder 2	23.88	0.95	1	1	1.806076
HS15_str_inv	BOBJ1	69.51	Before	Interior Girder 3	23.88	0.95	1	1	1.760565
HS15_str_inv	BOBJ1	69.51	Before	Interior Girder 4	23.88	0.95	1	1	1.760565
HS15_str_inv	BOBJ1	69.51	Before	Interior Girder 5	23.88	0.95	1	1	1.806076
HS15_str_inv	BOBJ1	69.51	Before	Interior Girder 6	23.88	0.95	1	1	1.869386
HS15_str_inv	BOBJ1	69.51	Before	Right Exterior Girder	23.88	0.95	1	1	2.231721
HS15_str_inv	BOBJ1	69.51	After	Left Exterior Girder	23.88	0.95	1	1	2.247365
HS15_str_inv	BOBJ1	69.51	After	Interior Girder 1	23.88	0.95	1	1	1.869244
HS15_str_inv	BOBJ1	69.51	After	Interior Girder 2	23.88	0.95	1	1	1.815316
HS15_str_inv	BOBJ1	69.51	After	Interior Girder 3	23.88	0.95	1	1	1.778754
HS15_str_inv	BOBJ1	69.51	After	Interior Girder 4	23.88	0.95	1	1	1.778754
HS15_str_inv	BOBJ1	69.51	After	Interior Girder 5	23.88	0.95	1	1	1.815316
HS15_str_inv	BOBJ1	69.51	After	Interior Girder 6	23.88	0.95	1	1	1.869244
HS15_str_inv	BOBJ1	69.51	After	Right Exterior Girder	23.88	0.95	1	1	2.247365
HS15_str_inv	BOBJ1	75.68	Before	Left Exterior Girder	30.05	0.95	1	1	1.705397
HS15_str_inv	BOBJ1	75.68	Before	Interior Girder 1	30.05	0.95	1	1	1.666099
HS15_str_inv	BOBJ1	75.68	Before	Interior Girder 2	30.05	0.95	1	1	1.637778
HS15_str_inv	BOBJ1	75.68	Before	Interior Girder 3	30.05	0.95	1	1	1.628262
HS15_str_inv	BOBJ1	75.68	Before	Interior Girder 4	30.05	0.95	1	1	1.628262
HS15_str_inv	BOBJ1	75.68	Before	Interior Girder 5	30.05	0.95	1	1	1.637778
HS15_str_inv	BOBJ1	75.68	Before	Interior Girder 6	30.05	0.95	1	1	1.666099
HS15_str_inv	BOBJ1	75.68	Before	Right Exterior Girder	30.05	0.95	1	1	1.705397
HS15_str_inv	BOBJ1	75.68	After	Left Exterior Girder	30.05	0.95	1	1	1.715755
HS15_str_inv	BOBJ1	75.68	After	Interior Girder 1	30.05	0.95	1	1	1.661026
HS15_str_inv	BOBJ1	75.68	After	Interior Girder 2	30.05	0.95	1	1	1.63367
HS15_str_inv	BOBJ1	75.68	After	Interior Girder 3	30.05	0.95	1	1	1.630812

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelINonCompStrgth-Flx - Approach, Span 16-19									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
HS15_str_inv	BOBJ1	75.68	After	Interior Girder 4	30.05	0.95	1	1	1.630812
HS15_str_inv	BOBJ1	75.68	After	Interior Girder 5	30.05	0.95	1	1	1.63367
HS15_str_inv	BOBJ1	75.68	After	Interior Girder 6	30.05	0.95	1	1	1.661026
HS15_str_inv	BOBJ1	75.68	After	Right Exterior Girder	30.05	0.95	1	1	1.715755
HS15_str_inv	BOBJ1	81.8467	Before	Left Exterior Girder	36.2167	0.95	1	1	1.774181
HS15_str_inv	BOBJ1	81.8467	Before	Interior Girder 1	36.2167	0.95	1	1	1.560987
HS15_str_inv	BOBJ1	81.8467	Before	Interior Girder 2	36.2167	0.95	1	1	1.538096
HS15_str_inv	BOBJ1	81.8467	Before	Interior Girder 3	36.2167	0.95	1	1	1.511639
HS15_str_inv	BOBJ1	81.8467	Before	Interior Girder 4	36.2167	0.95	1	1	1.511639
HS15_str_inv	BOBJ1	81.8467	Before	Interior Girder 5	36.2167	0.95	1	1	1.538096
HS15_str_inv	BOBJ1	81.8467	Before	Interior Girder 6	36.2167	0.95	1	1	1.560987
HS15_str_inv	BOBJ1	81.8467	Before	Right Exterior Girder	36.2167	0.95	1	1	1.774181
HS15_str_inv	BOBJ1	81.8467	After	Left Exterior Girder	36.2167	0.95	1	1	1.77776
HS15_str_inv	BOBJ1	81.8467	After	Interior Girder 1	36.2167	0.95	1	1	1.552062
HS15_str_inv	BOBJ1	81.8467	After	Interior Girder 2	36.2167	0.95	1	1	1.531622
HS15_str_inv	BOBJ1	81.8467	After	Interior Girder 3	36.2167	0.95	1	1	1.501773
HS15_str_inv	BOBJ1	81.8467	After	Interior Girder 4	36.2167	0.95	1	1	1.501773
HS15_str_inv	BOBJ1	81.8467	After	Interior Girder 5	36.2167	0.95	1	1	1.531622
HS15_str_inv	BOBJ1	81.8467	After	Interior Girder 6	36.2167	0.95	1	1	1.552062
HS15_str_inv	BOBJ1	81.8467	After	Right Exterior Girder	36.2167	0.95	1	1	1.77776
HS15_str_inv	BOBJ1	88.0133	Before	Left Exterior Girder	42.3833	0.95	1	1	2.14205
HS15_str_inv	BOBJ1	88.0133	Before	Interior Girder 1	42.3833	0.95	1	1	1.766056
HS15_str_inv	BOBJ1	88.0133	Before	Interior Girder 2	42.3833	0.95	1	1	1.731617
HS15_str_inv	BOBJ1	88.0133	Before	Interior Girder 3	42.3833	0.95	1	1	1.690849
HS15_str_inv	BOBJ1	88.0133	Before	Interior Girder 4	42.3833	0.95	1	1	1.690849
HS15_str_inv	BOBJ1	88.0133	Before	Interior Girder 5	42.3833	0.95	1	1	1.731617
HS15_str_inv	BOBJ1	88.0133	Before	Interior Girder 6	42.3833	0.95	1	1	1.766056
HS15_str_inv	BOBJ1	88.0133	Before	Right Exterior Girder	42.3833	0.95	1	1	2.14205
HS15_str_inv	BOBJ1	88.0133	After	Left Exterior Girder	42.3833	0.95	1	1	2.091881
HS15_str_inv	BOBJ1	88.0133	After	Interior Girder 1	42.3833	0.95	1	1	1.787292
HS15_str_inv	BOBJ1	88.0133	After	Interior Girder 2	42.3833	0.95	1	1	1.73979
HS15_str_inv	BOBJ1	88.0133	After	Interior Girder 3	42.3833	0.95	1	1	1.680724
HS15_str_inv	BOBJ1	88.0133	After	Interior Girder 4	42.3833	0.95	1	1	1.680724
HS15_str_inv	BOBJ1	88.0133	After	Interior Girder 5	42.3833	0.95	1	1	1.73979
HS15_str_inv	BOBJ1	88.0133	After	Interior Girder 6	42.3833	0.95	1	1	1.787292
HS15_str_inv	BOBJ1	88.0133	After	Right Exterior Girder	42.3833	0.95	1	1	2.091881
HS15_str_inv	BOBJ1	94.18	Before	Left Exterior Girder	48.55	0.95	1	1	2.935138
HS15_str_inv	BOBJ1	94.18	Before	Interior Girder 1	48.55	0.95	1	1	2.662157
HS15_str_inv	BOBJ1	94.18	Before	Interior Girder 2	48.55	0.95	1	1	2.467503
HS15_str_inv	BOBJ1	94.18	Before	Interior Girder 3	48.55	0.95	1	1	2.424638
HS15_str_inv	BOBJ1	94.18	Before	Interior Girder 4	48.55	0.95	1	1	2.424638
HS15_str_inv	BOBJ1	94.18	Before	Interior Girder 5	48.55	0.95	1	1	2.467503
HS15_str_inv	BOBJ1	94.18	Before	Interior Girder 6	48.55	0.95	1	1	2.662157
HS15_str_inv	BOBJ1	94.18	Before	Right Exterior Girder	48.55	0.95	1	1	2.935138
HS15_str_inv	BOBJ1	94.18	After	Left Exterior Girder	48.55	0.95	1	1	2.871636
HS15_str_inv	BOBJ1	94.18	After	Interior Girder 1	48.55	0.95	1	1	2.6913
HS15_str_inv	BOBJ1	94.18	After	Interior Girder 2	48.55	0.95	1	1	2.481278
HS15_str_inv	BOBJ1	94.18	After	Interior Girder 3	48.55	0.95	1	1	2.40522
HS15_str_inv	BOBJ1	94.18	After	Interior Girder 4	48.55	0.95	1	1	2.40522
HS15_str_inv	BOBJ1	94.18	After	Interior Girder 5	48.55	0.95	1	1	2.481278
HS15_str_inv	BOBJ1	94.18	After	Interior Girder 6	48.55	0.95	1	1	2.6913
HS15_str_inv	BOBJ1	94.18	After	Right Exterior Girder	48.55	0.95	1	1	2.871636
HS15_str_inv	BOBJ1	100.3567	Before	Left Exterior Girder	54.7267	0.95	1	1	5.643516
HS15_str_inv	BOBJ1	100.3567	Before	Interior Girder 1	54.7267	0.95	1	1	4.352393
HS15_str_inv	BOBJ1	100.3567	Before	Interior Girder 2	54.7267	0.95	1	1	3.938801
HS15_str_inv	BOBJ1	100.3567	Before	Interior Girder 3	54.7267	0.95	1	1	3.83899
HS15_str_inv	BOBJ1	100.3567	Before	Interior Girder 4	54.7267	0.95	1	1	3.83899
HS15_str_inv	BOBJ1	100.3567	Before	Interior Girder 5	54.7267	0.95	1	1	3.938801
HS15_str_inv	BOBJ1	100.3567	Before	Interior Girder 6	54.7267	0.95	1	1	4.352393
HS15_str_inv	BOBJ1	100.3567	Before	Right Exterior Girder	54.7267	0.95	1	1	5.643516
HS15_str_inv	BOBJ1	100.3567	After	Left Exterior Girder	54.7267	0.95	1	1	5.734809
HS15_str_inv	BOBJ1	100.3567	After	Interior Girder 1	54.7267	0.95	1	1	4.349219
HS15_str_inv	BOBJ1	100.3567	After	Interior Girder 2	54.7267	0.95	1	1	3.931632
HS15_str_inv	BOBJ1	100.3567	After	Interior Girder 3	54.7267	0.95	1	1	3.727389
HS15_str_inv	BOBJ1	100.3567	After	Interior Girder 4	54.7267	0.95	1	1	3.727389

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelINonCompStrgth-Flx - Approach, Span 16-19									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
HS15_str_inv	BOBJ1	100.3567	After	Interior Girder 5	54.7267	0.95	1	1	3.931632
HS15_str_inv	BOBJ1	100.3567	After	Interior Girder 6	54.7267	0.95	1	1	4.349219
HS15_str_inv	BOBJ1	100.3567	After	Right Exterior Girder	54.7267	0.95	1	1	5.734809
HS15_str_inv	BOBJ1	106.5333	Before	Left Exterior Girder	60.9033	0.95	1	1	3.513558
HS15_str_inv	BOBJ1	106.5333	Before	Interior Girder 1	60.9033	0.95	1	1	4.660213
HS15_str_inv	BOBJ1	106.5333	Before	Interior Girder 2	60.9033	0.95	1	1	4.387728
HS15_str_inv	BOBJ1	106.5333	Before	Interior Girder 3	60.9033	0.95	1	1	4.132577
HS15_str_inv	BOBJ1	106.5333	Before	Interior Girder 4	60.9033	0.95	1	1	4.132577
HS15_str_inv	BOBJ1	106.5333	Before	Interior Girder 5	60.9033	0.95	1	1	4.387728
HS15_str_inv	BOBJ1	106.5333	Before	Interior Girder 6	60.9033	0.95	1	1	4.660213
HS15_str_inv	BOBJ1	106.5333	Before	Right Exterior Girder	60.9033	0.95	1	1	3.513558
HS15_str_inv	BOBJ1	106.5333	After	Left Exterior Girder	60.9033	0.95	1	1	3.616316
HS15_str_inv	BOBJ1	106.5333	After	Interior Girder 1	60.9033	0.95	1	1	4.543444
HS15_str_inv	BOBJ1	106.5333	After	Interior Girder 2	60.9033	0.95	1	1	4.298351
HS15_str_inv	BOBJ1	106.5333	After	Interior Girder 3	60.9033	0.95	1	1	4.047831
HS15_str_inv	BOBJ1	106.5333	After	Interior Girder 4	60.9033	0.95	1	1	4.047831
HS15_str_inv	BOBJ1	106.5333	After	Interior Girder 5	60.9033	0.95	1	1	4.298351
HS15_str_inv	BOBJ1	106.5333	After	Interior Girder 6	60.9033	0.95	1	1	4.543444
HS15_str_inv	BOBJ1	106.5333	After	Right Exterior Girder	60.9033	0.95	1	1	3.616316
HS15_str_inv	BOBJ1	108.2102	Before	Left Exterior Girder	62.5802	0.95	1	1	2.952126
HS15_str_inv	BOBJ1	108.2102	Before	Right Exterior Girder	62.5802	0.95	1	1	2.952126
HS15_str_inv	BOBJ1	108.2102	After	Left Exterior Girder	62.5802	0.95	1	1	4.579796
HS15_str_inv	BOBJ1	108.2102	After	Right Exterior Girder	62.5802	0.95	1	1	4.579796
HS15_str_inv	BOBJ1	112.71	Before	Left Exterior Girder	67.08	0.95	1	1	2.039305
HS15_str_inv	BOBJ1	112.71	Before	Interior Girder 1	67.08	0.95	1	1	1.972643
HS15_str_inv	BOBJ1	112.71	Before	Interior Girder 2	67.08	0.95	1	1	1.94342
HS15_str_inv	BOBJ1	112.71	Before	Interior Girder 3	67.08	0.95	1	1	1.627183
HS15_str_inv	BOBJ1	112.71	Before	Interior Girder 4	67.08	0.95	1	1	1.627183
HS15_str_inv	BOBJ1	112.71	Before	Interior Girder 5	67.08	0.95	1	1	1.94342
HS15_str_inv	BOBJ1	112.71	Before	Interior Girder 6	67.08	0.95	1	1	1.972643
HS15_str_inv	BOBJ1	112.71	Before	Right Exterior Girder	67.08	0.95	1	1	2.039305
HS15_str_inv	BOBJ1	112.71	After	Left Exterior Girder	0	0.95	1	1	2.029434
HS15_str_inv	BOBJ1	112.71	After	Interior Girder 1	0	0.95	1	1	2.156343
HS15_str_inv	BOBJ1	112.71	After	Interior Girder 2	0	0.95	1	1	2.079619
HS15_str_inv	BOBJ1	112.71	After	Interior Girder 3	0	0.95	1	1	1.724256
HS15_str_inv	BOBJ1	112.71	After	Interior Girder 4	0	0.95	1	1	1.724256
HS15_str_inv	BOBJ1	112.71	After	Interior Girder 5	0	0.95	1	1	2.079619
HS15_str_inv	BOBJ1	112.71	After	Interior Girder 6	0	0.95	1	1	2.156343
HS15_str_inv	BOBJ1	112.71	After	Right Exterior Girder	0	0.95	1	1	2.029434
HS15_str_inv	BOBJ1	117.21	Before	Left Exterior Girder	4.5	0.95	1	1	3.079627
HS15_str_inv	BOBJ1	117.21	Before	Right Exterior Girder	4.5	0.95	1	1	3.079627
HS15_str_inv	BOBJ1	117.21	After	Left Exterior Girder	4.5	0.95	1	1	1.966756
HS15_str_inv	BOBJ1	117.21	After	Right Exterior Girder	4.5	0.95	1	1	1.966756
HS15_str_inv	BOBJ1	119.1	Before	Left Exterior Girder	6.39	0.95	1	1	2.430415
HS15_str_inv	BOBJ1	119.1	Before	Interior Girder 1	6.39	0.95	1	1	3.342585
HS15_str_inv	BOBJ1	119.1	Before	Interior Girder 2	6.39	0.95	1	1	3.296919
HS15_str_inv	BOBJ1	119.1	Before	Interior Girder 3	6.39	0.95	1	1	3.185416
HS15_str_inv	BOBJ1	119.1	Before	Interior Girder 4	6.39	0.95	1	1	3.185416
HS15_str_inv	BOBJ1	119.1	Before	Interior Girder 5	6.39	0.95	1	1	3.296919
HS15_str_inv	BOBJ1	119.1	Before	Interior Girder 6	6.39	0.95	1	1	3.342585
HS15_str_inv	BOBJ1	119.1	Before	Right Exterior Girder	6.39	0.95	1	1	2.430415
HS15_str_inv	BOBJ1	119.1	After	Left Exterior Girder	6.39	0.95	1	1	2.378123
HS15_str_inv	BOBJ1	119.1	After	Interior Girder 1	6.39	0.95	1	1	3.405625
HS15_str_inv	BOBJ1	119.1	After	Interior Girder 2	6.39	0.95	1	1	3.351034
HS15_str_inv	BOBJ1	119.1	After	Interior Girder 3	6.39	0.95	1	1	3.209784
HS15_str_inv	BOBJ1	119.1	After	Interior Girder 4	6.39	0.95	1	1	3.209784
HS15_str_inv	BOBJ1	119.1	After	Interior Girder 5	6.39	0.95	1	1	3.351034
HS15_str_inv	BOBJ1	119.1	After	Interior Girder 6	6.39	0.95	1	1	3.405625
HS15_str_inv	BOBJ1	119.1	After	Right Exterior Girder	6.39	0.95	1	1	2.378123
HS15_str_inv	BOBJ1	125.49	Before	Left Exterior Girder	12.78	0.95	1	1	3.91671
HS15_str_inv	BOBJ1	125.49	Before	Interior Girder 1	12.78	0.95	1	1	4.146789
HS15_str_inv	BOBJ1	125.49	Before	Interior Girder 2	12.78	0.95	1	1	3.778335
HS15_str_inv	BOBJ1	125.49	Before	Interior Girder 3	12.78	0.95	1	1	3.625765
HS15_str_inv	BOBJ1	125.49	Before	Interior Girder 4	12.78	0.95	1	1	3.625765
HS15_str_inv	BOBJ1	125.49	Before	Interior Girder 5	12.78	0.95	1	1	3.778335

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelINonCompStrgth-Flx - Approach, Span 16-19									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
HS15_str_inv	BOBJ1	125.49	Before	Interior Girder 6	12.78	0.95	1	1	4.146789
HS15_str_inv	BOBJ1	125.49	Before	Right Exterior Girder	12.78	0.95	1	1	3.91671
HS15_str_inv	BOBJ1	125.49	After	Left Exterior Girder	12.78	0.95	1	1	3.862607
HS15_str_inv	BOBJ1	125.49	After	Interior Girder 1	12.78	0.95	1	1	4.170429
HS15_str_inv	BOBJ1	125.49	After	Interior Girder 2	12.78	0.95	1	1	3.803612
HS15_str_inv	BOBJ1	125.49	After	Interior Girder 3	12.78	0.95	1	1	3.724776
HS15_str_inv	BOBJ1	125.49	After	Interior Girder 4	12.78	0.95	1	1	3.724776
HS15_str_inv	BOBJ1	125.49	After	Interior Girder 5	12.78	0.95	1	1	3.803612
HS15_str_inv	BOBJ1	125.49	After	Interior Girder 6	12.78	0.95	1	1	4.170429
HS15_str_inv	BOBJ1	125.49	After	Right Exterior Girder	12.78	0.95	1	1	3.862607
HS15_str_inv	BOBJ1	131.88	Before	Left Exterior Girder	19.17	0.95	1	1	3.173858
HS15_str_inv	BOBJ1	131.88	Before	Interior Girder 1	19.17	0.95	1	1	2.975497
HS15_str_inv	BOBJ1	131.88	Before	Interior Girder 2	19.17	0.95	1	1	2.71297
HS15_str_inv	BOBJ1	131.88	Before	Interior Girder 3	19.17	0.95	1	1	2.600537
HS15_str_inv	BOBJ1	131.88	Before	Interior Girder 4	19.17	0.95	1	1	2.600537
HS15_str_inv	BOBJ1	131.88	Before	Interior Girder 5	19.17	0.95	1	1	2.71297
HS15_str_inv	BOBJ1	131.88	Before	Interior Girder 6	19.17	0.95	1	1	2.975497
HS15_str_inv	BOBJ1	131.88	Before	Right Exterior Girder	19.17	0.95	1	1	3.173858
HS15_str_inv	BOBJ1	131.88	After	Left Exterior Girder	19.17	0.95	1	1	3.202509
HS15_str_inv	BOBJ1	131.88	After	Interior Girder 1	19.17	0.95	1	1	2.961335
HS15_str_inv	BOBJ1	131.88	After	Interior Girder 2	19.17	0.95	1	1	2.704093
HS15_str_inv	BOBJ1	131.88	After	Interior Girder 3	19.17	0.95	1	1	2.617007
HS15_str_inv	BOBJ1	131.88	After	Interior Girder 4	19.17	0.95	1	1	2.617007
HS15_str_inv	BOBJ1	131.88	After	Interior Girder 5	19.17	0.95	1	1	2.704093
HS15_str_inv	BOBJ1	131.88	After	Interior Girder 6	19.17	0.95	1	1	2.961335
HS15_str_inv	BOBJ1	131.88	After	Right Exterior Girder	19.17	0.95	1	1	3.202509
HS15_str_inv	BOBJ1	138.27	Before	Left Exterior Girder	25.56	0.95	1	1	2.815657
HS15_str_inv	BOBJ1	138.27	Before	Interior Girder 1	25.56	0.95	1	1	2.29728
HS15_str_inv	BOBJ1	138.27	Before	Interior Girder 2	25.56	0.95	1	1	2.172066
HS15_str_inv	BOBJ1	138.27	Before	Interior Girder 3	25.56	0.95	1	1	2.057911
HS15_str_inv	BOBJ1	138.27	Before	Interior Girder 4	25.56	0.95	1	1	2.057911
HS15_str_inv	BOBJ1	138.27	Before	Interior Girder 5	25.56	0.95	1	1	2.172066
HS15_str_inv	BOBJ1	138.27	Before	Interior Girder 6	25.56	0.95	1	1	2.29728
HS15_str_inv	BOBJ1	138.27	Before	Right Exterior Girder	25.56	0.95	1	1	2.815657
HS15_str_inv	BOBJ1	138.27	After	Left Exterior Girder	25.56	0.95	1	1	2.848381
HS15_str_inv	BOBJ1	138.27	After	Interior Girder 1	25.56	0.95	1	1	2.283206
HS15_str_inv	BOBJ1	138.27	After	Interior Girder 2	25.56	0.95	1	1	2.167406
HS15_str_inv	BOBJ1	138.27	After	Interior Girder 3	25.56	0.95	1	1	2.065453
HS15_str_inv	BOBJ1	138.27	After	Interior Girder 4	25.56	0.95	1	1	2.065453
HS15_str_inv	BOBJ1	138.27	After	Interior Girder 5	25.56	0.95	1	1	2.167406
HS15_str_inv	BOBJ1	138.27	After	Interior Girder 6	25.56	0.95	1	1	2.283206
HS15_str_inv	BOBJ1	138.27	After	Right Exterior Girder	25.56	0.95	1	1	2.848381
HS15_str_inv	BOBJ1	144.66	Before	Left Exterior Girder	31.95	0.95	1	1	2.910144
HS15_str_inv	BOBJ1	144.66	Before	Interior Girder 1	31.95	0.95	1	1	2.307381
HS15_str_inv	BOBJ1	144.66	Before	Interior Girder 2	31.95	0.95	1	1	2.191254
HS15_str_inv	BOBJ1	144.66	Before	Interior Girder 3	31.95	0.95	1	1	2.088445
HS15_str_inv	BOBJ1	144.66	Before	Interior Girder 4	31.95	0.95	1	1	2.088445
HS15_str_inv	BOBJ1	144.66	Before	Interior Girder 5	31.95	0.95	1	1	2.191254
HS15_str_inv	BOBJ1	144.66	Before	Interior Girder 6	31.95	0.95	1	1	2.307381
HS15_str_inv	BOBJ1	144.66	Before	Right Exterior Girder	31.95	0.95	1	1	2.910144
HS15_str_inv	BOBJ1	144.66	After	Left Exterior Girder	31.95	0.95	1	1	2.868295
HS15_str_inv	BOBJ1	144.66	After	Interior Girder 1	31.95	0.95	1	1	2.32654
HS15_str_inv	BOBJ1	144.66	After	Interior Girder 2	31.95	0.95	1	1	2.195308
HS15_str_inv	BOBJ1	144.66	After	Interior Girder 3	31.95	0.95	1	1	2.077299
HS15_str_inv	BOBJ1	144.66	After	Interior Girder 4	31.95	0.95	1	1	2.077299
HS15_str_inv	BOBJ1	144.66	After	Interior Girder 5	31.95	0.95	1	1	2.195308
HS15_str_inv	BOBJ1	144.66	After	Interior Girder 6	31.95	0.95	1	1	2.32654
HS15_str_inv	BOBJ1	144.66	After	Right Exterior Girder	31.95	0.95	1	1	2.868295
HS15_str_inv	BOBJ1	151.05	Before	Left Exterior Girder	38.34	0.95	1	1	3.420943
HS15_str_inv	BOBJ1	151.05	Before	Interior Girder 1	38.34	0.95	1	1	3.063824
HS15_str_inv	BOBJ1	151.05	Before	Interior Girder 2	38.34	0.95	1	1	2.78582
HS15_str_inv	BOBJ1	151.05	Before	Interior Girder 3	38.34	0.95	1	1	2.69096
HS15_str_inv	BOBJ1	151.05	Before	Interior Girder 4	38.34	0.95	1	1	2.69096
HS15_str_inv	BOBJ1	151.05	Before	Interior Girder 5	38.34	0.95	1	1	2.78582
HS15_str_inv	BOBJ1	151.05	Before	Interior Girder 6	38.34	0.95	1	1	3.063824

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelINonCompStrgth-Flx - Approach, Span 16-19									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
HS15_str_inv	BOBJ1	151.05	Before	Right Exterior Girder	38.34	0.95	1	1	3.420943
HS15_str_inv	BOBJ1	151.05	After	Left Exterior Girder	38.34	0.95	1	1	3.380827
HS15_str_inv	BOBJ1	151.05	After	Interior Girder 1	38.34	0.95	1	1	3.086443
HS15_str_inv	BOBJ1	151.05	After	Interior Girder 2	38.34	0.95	1	1	2.794897
HS15_str_inv	BOBJ1	151.05	After	Interior Girder 3	38.34	0.95	1	1	2.669801
HS15_str_inv	BOBJ1	151.05	After	Interior Girder 4	38.34	0.95	1	1	2.669801
HS15_str_inv	BOBJ1	151.05	After	Interior Girder 5	38.34	0.95	1	1	2.794897
HS15_str_inv	BOBJ1	151.05	After	Interior Girder 6	38.34	0.95	1	1	3.086443
HS15_str_inv	BOBJ1	151.05	After	Right Exterior Girder	38.34	0.95	1	1	3.380827
HS15_str_inv	BOBJ1	157.4367	Before	Left Exterior Girder	44.7267	0.95	1	1	3.920908
HS15_str_inv	BOBJ1	157.4367	Before	Interior Girder 1	44.7267	0.95	1	1	4.147829
HS15_str_inv	BOBJ1	157.4367	Before	Interior Girder 2	44.7267	0.95	1	1	4.024648
HS15_str_inv	BOBJ1	157.4367	Before	Interior Girder 3	44.7267	0.95	1	1	3.93282
HS15_str_inv	BOBJ1	157.4367	Before	Interior Girder 4	44.7267	0.95	1	1	3.93282
HS15_str_inv	BOBJ1	157.4367	Before	Interior Girder 5	44.7267	0.95	1	1	4.024648
HS15_str_inv	BOBJ1	157.4367	Before	Interior Girder 6	44.7267	0.95	1	1	4.147829
HS15_str_inv	BOBJ1	157.4367	Before	Right Exterior Girder	44.7267	0.95	1	1	3.920908
HS15_str_inv	BOBJ1	157.4367	After	Left Exterior Girder	44.7267	0.95	1	1	3.964919
HS15_str_inv	BOBJ1	157.4367	After	Interior Girder 1	44.7267	0.95	1	1	4.105953
HS15_str_inv	BOBJ1	157.4367	After	Interior Girder 2	44.7267	0.95	1	1	4.020776
HS15_str_inv	BOBJ1	157.4367	After	Interior Girder 3	44.7267	0.95	1	1	3.87177
HS15_str_inv	BOBJ1	157.4367	After	Interior Girder 4	44.7267	0.95	1	1	3.87177
HS15_str_inv	BOBJ1	157.4367	After	Interior Girder 5	44.7267	0.95	1	1	4.020776
HS15_str_inv	BOBJ1	157.4367	After	Interior Girder 6	44.7267	0.95	1	1	4.105953
HS15_str_inv	BOBJ1	157.4367	After	Right Exterior Girder	44.7267	0.95	1	1	3.964919
HS15_str_inv	BOBJ1	158.71	Before	Left Exterior Girder	46	0.95	1	1	3.60764
HS15_str_inv	BOBJ1	158.71	Before	Interior Girder 1	46	0.95	1	1	3.862598
HS15_str_inv	BOBJ1	158.71	Before	Interior Girder 2	46	0.95	1	1	3.753643
HS15_str_inv	BOBJ1	158.71	Before	Interior Girder 3	46	0.95	1	1	3.731435
HS15_str_inv	BOBJ1	158.71	Before	Interior Girder 4	46	0.95	1	1	3.731435
HS15_str_inv	BOBJ1	158.71	Before	Interior Girder 5	46	0.95	1	1	3.753643
HS15_str_inv	BOBJ1	158.71	Before	Interior Girder 6	46	0.95	1	1	3.862598
HS15_str_inv	BOBJ1	158.71	Before	Right Exterior Girder	46	0.95	1	1	3.60764
HS15_str_inv	BOBJ1	158.71	After	Left Exterior Girder	46	0.95	1	1	4.993178
HS15_str_inv	BOBJ1	158.71	After	Interior Girder 1	46	0.95	1	1	4.862149
HS15_str_inv	BOBJ1	158.71	After	Interior Girder 2	46	0.95	1	1	4.705968
HS15_str_inv	BOBJ1	158.71	After	Interior Girder 3	46	0.95	1	1	4.70998
HS15_str_inv	BOBJ1	158.71	After	Interior Girder 4	46	0.95	1	1	4.70998
HS15_str_inv	BOBJ1	158.71	After	Interior Girder 5	46	0.95	1	1	4.705968
HS15_str_inv	BOBJ1	158.71	After	Interior Girder 6	46	0.95	1	1	4.862149
HS15_str_inv	BOBJ1	158.71	After	Right Exterior Girder	46	0.95	1	1	4.993178
HS15_str_inv	BOBJ1	163.8233	Before	Left Exterior Girder	51.1133	0.95	1	1	3.528159
HS15_str_inv	BOBJ1	163.8233	Before	Interior Girder 1	51.1133	0.95	1	1	3.750182
HS15_str_inv	BOBJ1	163.8233	Before	Interior Girder 2	51.1133	0.95	1	1	3.585521
HS15_str_inv	BOBJ1	163.8233	Before	Interior Girder 3	51.1133	0.95	1	1	3.370766
HS15_str_inv	BOBJ1	163.8233	Before	Interior Girder 4	51.1133	0.95	1	1	3.370766
HS15_str_inv	BOBJ1	163.8233	Before	Interior Girder 5	51.1133	0.95	1	1	3.585521
HS15_str_inv	BOBJ1	163.8233	Before	Interior Girder 6	51.1133	0.95	1	1	3.750182
HS15_str_inv	BOBJ1	163.8233	Before	Right Exterior Girder	51.1133	0.95	1	1	3.528159
HS15_str_inv	BOBJ1	163.8233	After	Left Exterior Girder	51.1133	0.95	1	1	3.596013
HS15_str_inv	BOBJ1	163.8233	After	Interior Girder 1	51.1133	0.95	1	1	3.650085
HS15_str_inv	BOBJ1	163.8233	After	Interior Girder 2	51.1133	0.95	1	1	3.512538
HS15_str_inv	BOBJ1	163.8233	After	Interior Girder 3	51.1133	0.95	1	1	3.310516
HS15_str_inv	BOBJ1	163.8233	After	Interior Girder 4	51.1133	0.95	1	1	3.310516
HS15_str_inv	BOBJ1	163.8233	After	Interior Girder 5	51.1133	0.95	1	1	3.512538
HS15_str_inv	BOBJ1	163.8233	After	Interior Girder 6	51.1133	0.95	1	1	3.650085
HS15_str_inv	BOBJ1	163.8233	After	Right Exterior Girder	51.1133	0.95	1	1	3.596013
HS15_str_inv	BOBJ1	164.71	Before	Left Exterior Girder	52	0.95	1	1	3.33845
HS15_str_inv	BOBJ1	164.71	Before	Right Exterior Girder	52	0.95	1	1	3.33845
HS15_str_inv	BOBJ1	164.71	After	Left Exterior Girder	52	0.95	1	1	5.26125
HS15_str_inv	BOBJ1	164.71	After	Right Exterior Girder	52	0.95	1	1	5.26125
HS15_str_inv	BOBJ1	170.21	Before	Left Exterior Girder	57.5	0.95	1	1	3.641542
HS15_str_inv	BOBJ1	170.21	Before	Interior Girder 1	57.5	0.95	1	1	2.233104
HS15_str_inv	BOBJ1	170.21	Before	Interior Girder 2	57.5	0.95	1	1	2.128558
HS15_str_inv	BOBJ1	170.21	Before	Interior Girder 3	57.5	0.95	1	1	1.701849

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelINonCompStrgth-Flx - Approach, Span 16-19									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
HS15_str_inv	BOBJ1	170.21	Before	Interior Girder 4	57.5	0.95	1	1	1.701849
HS15_str_inv	BOBJ1	170.21	Before	Interior Girder 5	57.5	0.95	1	1	2.128558
HS15_str_inv	BOBJ1	170.21	Before	Interior Girder 6	57.5	0.95	1	1	2.233104
HS15_str_inv	BOBJ1	170.21	Before	Right Exterior Girder	57.5	0.95	1	1	3.641542
HS15_str_inv	BOBJ1	170.21	After	Left Exterior Girder	0	0.95	1	1	3.702467
HS15_str_inv	BOBJ1	170.21	After	Interior Girder 1	0	0.95	1	1	2.872865
HS15_str_inv	BOBJ1	170.21	After	Interior Girder 2	0	0.95	1	1	2.724605
HS15_str_inv	BOBJ1	170.21	After	Interior Girder 3	0	0.95	1	1	2.252555
HS15_str_inv	BOBJ1	170.21	After	Interior Girder 4	0	0.95	1	1	2.252555
HS15_str_inv	BOBJ1	170.21	After	Interior Girder 5	0	0.95	1	1	2.724605
HS15_str_inv	BOBJ1	170.21	After	Interior Girder 6	0	0.95	1	1	2.872865
HS15_str_inv	BOBJ1	170.21	After	Right Exterior Girder	0	0.95	1	1	3.702467
HS15_str_inv	BOBJ1	176.21	Before	Left Exterior Girder	6	0.95	1	1	6.334942
HS15_str_inv	BOBJ1	176.21	Before	Right Exterior Girder	6	0.95	1	1	6.334942
HS15_str_inv	BOBJ1	176.21	After	Left Exterior Girder	6	0.95	1	1	4.134753
HS15_str_inv	BOBJ1	176.21	After	Right Exterior Girder	6	0.95	1	1	4.134753
HS15_str_inv	BOBJ1	176.6	Before	Left Exterior Girder	6.39	0.95	1	1	4.280262
HS15_str_inv	BOBJ1	176.6	Before	Interior Girder 1	6.39	0.95	1	1	5.123767
HS15_str_inv	BOBJ1	176.6	Before	Interior Girder 2	6.39	0.95	1	1	4.814244
HS15_str_inv	BOBJ1	176.6	Before	Interior Girder 3	6.39	0.95	1	1	4.555387
HS15_str_inv	BOBJ1	176.6	Before	Interior Girder 4	6.39	0.95	1	1	4.555387
HS15_str_inv	BOBJ1	176.6	Before	Interior Girder 5	6.39	0.95	1	1	4.814244
HS15_str_inv	BOBJ1	176.6	Before	Interior Girder 6	6.39	0.95	1	1	5.123767
HS15_str_inv	BOBJ1	176.6	Before	Right Exterior Girder	6.39	0.95	1	1	4.280262
HS15_str_inv	BOBJ1	176.6	After	Left Exterior Girder	6.39	0.95	1	1	4.166617
HS15_str_inv	BOBJ1	176.6	After	Interior Girder 1	6.39	0.95	1	1	5.258344
HS15_str_inv	BOBJ1	176.6	After	Interior Girder 2	6.39	0.95	1	1	4.922995
HS15_str_inv	BOBJ1	176.6	After	Interior Girder 3	6.39	0.95	1	1	4.647992
HS15_str_inv	BOBJ1	176.6	After	Interior Girder 4	6.39	0.95	1	1	4.647992
HS15_str_inv	BOBJ1	176.6	After	Interior Girder 5	6.39	0.95	1	1	4.922995
HS15_str_inv	BOBJ1	176.6	After	Interior Girder 6	6.39	0.95	1	1	5.258344
HS15_str_inv	BOBJ1	176.6	After	Right Exterior Girder	6.39	0.95	1	1	4.166617
HS15_str_inv	BOBJ1	182.99	Before	Left Exterior Girder	12.78	0.95	1	1	6.31107
HS15_str_inv	BOBJ1	182.99	Before	Interior Girder 1	12.78	0.95	1	1	4.601412
HS15_str_inv	BOBJ1	182.99	Before	Interior Girder 2	12.78	0.95	1	1	4.184177
HS15_str_inv	BOBJ1	182.99	Before	Interior Girder 3	12.78	0.95	1	1	4.053714
HS15_str_inv	BOBJ1	182.99	Before	Interior Girder 4	12.78	0.95	1	1	4.053714
HS15_str_inv	BOBJ1	182.99	Before	Interior Girder 5	12.78	0.95	1	1	4.184177
HS15_str_inv	BOBJ1	182.99	Before	Interior Girder 6	12.78	0.95	1	1	4.601412
HS15_str_inv	BOBJ1	182.99	Before	Right Exterior Girder	12.78	0.95	1	1	6.31107
HS15_str_inv	BOBJ1	182.99	After	Left Exterior Girder	12.78	0.95	1	1	6.239294
HS15_str_inv	BOBJ1	182.99	After	Interior Girder 1	12.78	0.95	1	1	4.615642
HS15_str_inv	BOBJ1	182.99	After	Interior Girder 2	12.78	0.95	1	1	4.210192
HS15_str_inv	BOBJ1	182.99	After	Interior Girder 3	12.78	0.95	1	1	4.188432
HS15_str_inv	BOBJ1	182.99	After	Interior Girder 4	12.78	0.95	1	1	4.188432
HS15_str_inv	BOBJ1	182.99	After	Interior Girder 5	12.78	0.95	1	1	4.210192
HS15_str_inv	BOBJ1	182.99	After	Interior Girder 6	12.78	0.95	1	1	4.615642
HS15_str_inv	BOBJ1	182.99	After	Right Exterior Girder	12.78	0.95	1	1	6.239294
HS15_str_inv	BOBJ1	189.38	Before	Left Exterior Girder	19.17	0.95	1	1	3.347628
HS15_str_inv	BOBJ1	189.38	Before	Interior Girder 1	19.17	0.95	1	1	2.941857
HS15_str_inv	BOBJ1	189.38	Before	Interior Girder 2	19.17	0.95	1	1	2.702498
HS15_str_inv	BOBJ1	189.38	Before	Interior Girder 3	19.17	0.95	1	1	2.622694
HS15_str_inv	BOBJ1	189.38	Before	Interior Girder 4	19.17	0.95	1	1	2.622694
HS15_str_inv	BOBJ1	189.38	Before	Interior Girder 5	19.17	0.95	1	1	2.702498
HS15_str_inv	BOBJ1	189.38	Before	Interior Girder 6	19.17	0.95	1	1	2.941857
HS15_str_inv	BOBJ1	189.38	Before	Right Exterior Girder	19.17	0.95	1	1	3.347628
HS15_str_inv	BOBJ1	189.38	After	Left Exterior Girder	19.17	0.95	1	1	3.401936
HS15_str_inv	BOBJ1	189.38	After	Interior Girder 1	19.17	0.95	1	1	2.912601
HS15_str_inv	BOBJ1	189.38	After	Interior Girder 2	19.17	0.95	1	1	2.692852
HS15_str_inv	BOBJ1	189.38	After	Interior Girder 3	19.17	0.95	1	1	2.645077
HS15_str_inv	BOBJ1	189.38	After	Interior Girder 4	19.17	0.95	1	1	2.645077
HS15_str_inv	BOBJ1	189.38	After	Interior Girder 5	19.17	0.95	1	1	2.692852
HS15_str_inv	BOBJ1	189.38	After	Interior Girder 6	19.17	0.95	1	1	2.912601
HS15_str_inv	BOBJ1	189.38	After	Right Exterior Girder	19.17	0.95	1	1	3.401936
HS15_str_inv	BOBJ1	195.77	Before	Left Exterior Girder	25.56	0.95	1	1	2.538154

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelINonCompStrgth-Flx - Approach, Span 16-19									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
HS15_str_inv	BOBJ1	195.77	Before	Interior Girder 1	25.56	0.95	1	1	2.012264
HS15_str_inv	BOBJ1	195.77	Before	Interior Girder 2	25.56	0.95	1	1	1.936197
HS15_str_inv	BOBJ1	195.77	Before	Interior Girder 3	25.56	0.95	1	1	1.868491
HS15_str_inv	BOBJ1	195.77	Before	Interior Girder 4	25.56	0.95	1	1	1.868491
HS15_str_inv	BOBJ1	195.77	Before	Interior Girder 5	25.56	0.95	1	1	1.936197
HS15_str_inv	BOBJ1	195.77	Before	Interior Girder 6	25.56	0.95	1	1	2.012264
HS15_str_inv	BOBJ1	195.77	Before	Right Exterior Girder	25.56	0.95	1	1	2.538154
HS15_str_inv	BOBJ1	195.77	After	Left Exterior Girder	25.56	0.95	1	1	2.585297
HS15_str_inv	BOBJ1	195.77	After	Interior Girder 1	25.56	0.95	1	1	1.989514
HS15_str_inv	BOBJ1	195.77	After	Interior Girder 2	25.56	0.95	1	1	1.931119
HS15_str_inv	BOBJ1	195.77	After	Interior Girder 3	25.56	0.95	1	1	1.880338
HS15_str_inv	BOBJ1	195.77	After	Interior Girder 4	25.56	0.95	1	1	1.880338
HS15_str_inv	BOBJ1	195.77	After	Interior Girder 5	25.56	0.95	1	1	1.931119
HS15_str_inv	BOBJ1	195.77	After	Interior Girder 6	25.56	0.95	1	1	1.989514
HS15_str_inv	BOBJ1	195.77	After	Right Exterior Girder	25.56	0.95	1	1	2.585297
HS15_str_inv	BOBJ1	202.16	Before	Left Exterior Girder	31.95	0.95	1	1	2.246635
HS15_str_inv	BOBJ1	202.16	Before	Interior Girder 1	31.95	0.95	1	1	1.784235
HS15_str_inv	BOBJ1	202.16	Before	Interior Girder 2	31.95	0.95	1	1	1.73483
HS15_str_inv	BOBJ1	202.16	Before	Interior Girder 3	31.95	0.95	1	1	1.69153
HS15_str_inv	BOBJ1	202.16	Before	Interior Girder 4	31.95	0.95	1	1	1.69153
HS15_str_inv	BOBJ1	202.16	Before	Interior Girder 5	31.95	0.95	1	1	1.73483
HS15_str_inv	BOBJ1	202.16	Before	Interior Girder 6	31.95	0.95	1	1	1.784235
HS15_str_inv	BOBJ1	202.16	Before	Right Exterior Girder	31.95	0.95	1	1	2.246635
HS15_str_inv	BOBJ1	202.16	After	Left Exterior Girder	31.95	0.95	1	1	2.231943
HS15_str_inv	BOBJ1	202.16	After	Interior Girder 1	31.95	0.95	1	1	1.788728
HS15_str_inv	BOBJ1	202.16	After	Interior Girder 2	31.95	0.95	1	1	1.739688
HS15_str_inv	BOBJ1	202.16	After	Interior Girder 3	31.95	0.95	1	1	1.693087
HS15_str_inv	BOBJ1	202.16	After	Interior Girder 4	31.95	0.95	1	1	1.693087
HS15_str_inv	BOBJ1	202.16	After	Interior Girder 5	31.95	0.95	1	1	1.739688
HS15_str_inv	BOBJ1	202.16	After	Interior Girder 6	31.95	0.95	1	1	1.788728
HS15_str_inv	BOBJ1	202.16	After	Right Exterior Girder	31.95	0.95	1	1	2.231943
HS15_str_inv	BOBJ1	208.55	Before	Left Exterior Girder	38.34	0.95	1	1	2.170615
HS15_str_inv	BOBJ1	208.55	Before	Interior Girder 1	38.34	0.95	1	1	1.928326
HS15_str_inv	BOBJ1	208.55	Before	Interior Girder 2	38.34	0.95	1	1	1.86446
HS15_str_inv	BOBJ1	208.55	Before	Interior Girder 3	38.34	0.95	1	1	1.841957
HS15_str_inv	BOBJ1	208.55	Before	Interior Girder 4	38.34	0.95	1	1	1.841957
HS15_str_inv	BOBJ1	208.55	Before	Interior Girder 5	38.34	0.95	1	1	1.86446
HS15_str_inv	BOBJ1	208.55	Before	Interior Girder 6	38.34	0.95	1	1	1.928326
HS15_str_inv	BOBJ1	208.55	Before	Right Exterior Girder	38.34	0.95	1	1	2.170615
HS15_str_inv	BOBJ1	208.55	After	Left Exterior Girder	38.34	0.95	1	1	2.15035
HS15_str_inv	BOBJ1	208.55	After	Interior Girder 1	38.34	0.95	1	1	1.937819
HS15_str_inv	BOBJ1	208.55	After	Interior Girder 2	38.34	0.95	1	1	1.864171
HS15_str_inv	BOBJ1	208.55	After	Interior Girder 3	38.34	0.95	1	1	1.834628
HS15_str_inv	BOBJ1	208.55	After	Interior Girder 4	38.34	0.95	1	1	1.834628
HS15_str_inv	BOBJ1	208.55	After	Interior Girder 5	38.34	0.95	1	1	1.864171
HS15_str_inv	BOBJ1	208.55	After	Interior Girder 6	38.34	0.95	1	1	1.937819
HS15_str_inv	BOBJ1	208.55	After	Right Exterior Girder	38.34	0.95	1	1	2.15035
HS15_str_inv	BOBJ1	215.1233	Before	Left Exterior Girder	44.9133	0.95	1	1	2.950765
HS15_str_inv	BOBJ1	215.1233	Before	Interior Girder 1	44.9133	0.95	1	1	2.227851
HS15_str_inv	BOBJ1	215.1233	Before	Interior Girder 2	44.9133	0.95	1	1	2.152078
HS15_str_inv	BOBJ1	215.1233	Before	Interior Girder 3	44.9133	0.95	1	1	2.092152
HS15_str_inv	BOBJ1	215.1233	Before	Interior Girder 4	44.9133	0.95	1	1	2.092152
HS15_str_inv	BOBJ1	215.1233	Before	Interior Girder 5	44.9133	0.95	1	1	2.152078
HS15_str_inv	BOBJ1	215.1233	Before	Interior Girder 6	44.9133	0.95	1	1	2.227851
HS15_str_inv	BOBJ1	215.1233	Before	Right Exterior Girder	44.9133	0.95	1	1	2.950765
HS15_str_inv	BOBJ1	215.1233	After	Left Exterior Girder	44.9133	0.95	1	1	2.929545
HS15_str_inv	BOBJ1	215.1233	After	Interior Girder 1	44.9133	0.95	1	1	2.233617
HS15_str_inv	BOBJ1	215.1233	After	Interior Girder 2	44.9133	0.95	1	1	2.119163
HS15_str_inv	BOBJ1	215.1233	After	Interior Girder 3	44.9133	0.95	1	1	2.04419
HS15_str_inv	BOBJ1	215.1233	After	Interior Girder 4	44.9133	0.95	1	1	2.04419
HS15_str_inv	BOBJ1	215.1233	After	Interior Girder 5	44.9133	0.95	1	1	2.119163
HS15_str_inv	BOBJ1	215.1233	After	Interior Girder 6	44.9133	0.95	1	1	2.233617
HS15_str_inv	BOBJ1	215.1233	After	Right Exterior Girder	44.9133	0.95	1	1	2.929545
HS15_str_inv	BOBJ1	221.6967	Before	Left Exterior Girder	51.4867	0.95	1	1	5.887832
HS15_str_inv	BOBJ1	221.6967	Before	Interior Girder 1	51.4867	0.95	1	1	3.667248

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelINonCompStrgth-Flx - Approach, Span 16-19									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
HS15_str_inv	BOBJ1	221.6967	Before	Interior Girder 2	51.4867	0.95	1	1	3.52269
HS15_str_inv	BOBJ1	221.6967	Before	Interior Girder 3	51.4867	0.95	1	1	3.206285
HS15_str_inv	BOBJ1	221.6967	Before	Interior Girder 4	51.4867	0.95	1	1	3.206285
HS15_str_inv	BOBJ1	221.6967	Before	Interior Girder 5	51.4867	0.95	1	1	3.52269
HS15_str_inv	BOBJ1	221.6967	Before	Interior Girder 6	51.4867	0.95	1	1	3.667248
HS15_str_inv	BOBJ1	221.6967	Before	Right Exterior Girder	51.4867	0.95	1	1	5.887832
HS15_str_inv	BOBJ1	221.6967	After	Left Exterior Girder	51.4867	0.95	1	1	5.828699
HS15_str_inv	BOBJ1	221.6967	After	Interior Girder 1	51.4867	0.95	1	1	3.691328
HS15_str_inv	BOBJ1	221.6967	After	Interior Girder 2	51.4867	0.95	1	1	3.472515
HS15_str_inv	BOBJ1	221.6967	After	Interior Girder 3	51.4867	0.95	1	1	3.083689
HS15_str_inv	BOBJ1	221.6967	After	Interior Girder 4	51.4867	0.95	1	1	3.083689
HS15_str_inv	BOBJ1	221.6967	After	Interior Girder 5	51.4867	0.95	1	1	3.472515
HS15_str_inv	BOBJ1	221.6967	After	Interior Girder 6	51.4867	0.95	1	1	3.691328
HS15_str_inv	BOBJ1	221.6967	After	Right Exterior Girder	51.4867	0.95	1	1	5.828699
HS15_str_inv	BOBJ1	228.27	Before	Left Exterior Girder	58.06	0.95	1	1	459.425345
HS15_str_inv	BOBJ1	228.27	Before	Interior Girder 1	58.06	0.95	1	1	338.529693
HS15_str_inv	BOBJ1	228.27	Before	Interior Girder 2	58.06	0.95	1	1	254.543847
HS15_str_inv	BOBJ1	228.27	Before	Interior Girder 3	58.06	0.95	1	1	184.202056
HS15_str_inv	BOBJ1	228.27	Before	Interior Girder 4	58.06	0.95	1	1	184.202055
HS15_str_inv	BOBJ1	228.27	Before	Interior Girder 5	58.06	0.95	1	1	254.543847
HS15_str_inv	BOBJ1	228.27	Before	Interior Girder 6	58.06	0.95	1	1	338.529693
HS15_str_inv	BOBJ1	228.27	Before	Right Exterior Girder	58.06	0.95	1	1	459.425346
Lane_str_opr	BOBJ1	0	After	Left Exterior Girder	0	0.95	1	1	2092.492992
Lane_str_opr	BOBJ1	0	After	Interior Girder 1	0	0.95	1	1	1758.094882
Lane_str_opr	BOBJ1	0	After	Interior Girder 2	0	0.95	1	1	1803.358838
Lane_str_opr	BOBJ1	0	After	Interior Girder 3	0	0.95	1	1	1541.510941
Lane_str_opr	BOBJ1	0	After	Interior Girder 4	0	0.95	1	1	1541.510945
Lane_str_opr	BOBJ1	0	After	Interior Girder 5	0	0.95	1	1	1803.358862
Lane_str_opr	BOBJ1	0	After	Interior Girder 6	0	0.95	1	1	1758.094882
Lane_str_opr	BOBJ1	0	After	Right Exterior Girder	0	0.95	1	1	2092.492991
Lane_str_opr	BOBJ1	5.3833	Before	Left Exterior Girder	5.3833	0.95	1	1	38.476647
Lane_str_opr	BOBJ1	5.3833	Before	Interior Girder 1	5.3833	0.95	1	1	23.02439
Lane_str_opr	BOBJ1	5.3833	Before	Interior Girder 2	5.3833	0.95	1	1	23.297512
Lane_str_opr	BOBJ1	5.3833	Before	Interior Girder 3	5.3833	0.95	1	1	22.260149
Lane_str_opr	BOBJ1	5.3833	Before	Interior Girder 4	5.3833	0.95	1	1	22.260149
Lane_str_opr	BOBJ1	5.3833	Before	Interior Girder 5	5.3833	0.95	1	1	23.297512
Lane_str_opr	BOBJ1	5.3833	Before	Interior Girder 6	5.3833	0.95	1	1	23.02439
Lane_str_opr	BOBJ1	5.3833	Before	Right Exterior Girder	5.3833	0.95	1	1	38.476647
Lane_str_opr	BOBJ1	5.3833	After	Left Exterior Girder	5.3833	0.95	1	1	38.192319
Lane_str_opr	BOBJ1	5.3833	After	Interior Girder 1	5.3833	0.95	1	1	23.025553
Lane_str_opr	BOBJ1	5.3833	After	Interior Girder 2	5.3833	0.95	1	1	23.564715
Lane_str_opr	BOBJ1	5.3833	After	Interior Girder 3	5.3833	0.95	1	1	22.876307
Lane_str_opr	BOBJ1	5.3833	After	Interior Girder 4	5.3833	0.95	1	1	22.876307
Lane_str_opr	BOBJ1	5.3833	After	Interior Girder 5	5.3833	0.95	1	1	23.564715
Lane_str_opr	BOBJ1	5.3833	After	Interior Girder 6	5.3833	0.95	1	1	23.025553
Lane_str_opr	BOBJ1	5.3833	After	Right Exterior Girder	5.3833	0.95	1	1	38.192319
Lane_str_opr	BOBJ1	10.7667	Before	Left Exterior Girder	10.7667	0.95	1	1	19.098338
Lane_str_opr	BOBJ1	10.7667	Before	Interior Girder 1	10.7667	0.95	1	1	13.395569
Lane_str_opr	BOBJ1	10.7667	Before	Interior Girder 2	10.7667	0.95	1	1	13.194919
Lane_str_opr	BOBJ1	10.7667	Before	Interior Girder 3	10.7667	0.95	1	1	12.835066
Lane_str_opr	BOBJ1	10.7667	Before	Interior Girder 4	10.7667	0.95	1	1	12.835066
Lane_str_opr	BOBJ1	10.7667	Before	Interior Girder 5	10.7667	0.95	1	1	13.194919
Lane_str_opr	BOBJ1	10.7667	Before	Interior Girder 6	10.7667	0.95	1	1	13.395569
Lane_str_opr	BOBJ1	10.7667	Before	Right Exterior Girder	10.7667	0.95	1	1	19.098338
Lane_str_opr	BOBJ1	10.7667	After	Left Exterior Girder	10.7667	0.95	1	1	18.819702
Lane_str_opr	BOBJ1	10.7667	After	Interior Girder 1	10.7667	0.95	1	1	13.439447
Lane_str_opr	BOBJ1	10.7667	After	Interior Girder 2	10.7667	0.95	1	1	13.33679
Lane_str_opr	BOBJ1	10.7667	After	Interior Girder 3	10.7667	0.95	1	1	13.07968
Lane_str_opr	BOBJ1	10.7667	After	Interior Girder 4	10.7667	0.95	1	1	13.07968
Lane_str_opr	BOBJ1	10.7667	After	Interior Girder 5	10.7667	0.95	1	1	13.33679
Lane_str_opr	BOBJ1	10.7667	After	Interior Girder 6	10.7667	0.95	1	1	13.439447
Lane_str_opr	BOBJ1	10.7667	After	Right Exterior Girder	10.7667	0.95	1	1	18.819702
Lane_str_opr	BOBJ1	16.15	Before	Left Exterior Girder	16.15	0.95	1	1	13.488962
Lane_str_opr	BOBJ1	16.15	Before	Interior Girder 1	16.15	0.95	1	1	11.265187
Lane_str_opr	BOBJ1	16.15	Before	Interior Girder 2	16.15	0.95	1	1	10.692325

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelINonCompStrgth-Flx - Approach, Span 16-19									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Lane_str_opr	BOBJ1	16.15	Before	Interior Girder 3	16.15	0.95	1	1	10.563837
Lane_str_opr	BOBJ1	16.15	Before	Interior Girder 4	16.15	0.95	1	1	10.563837
Lane_str_opr	BOBJ1	16.15	Before	Interior Girder 5	16.15	0.95	1	1	10.692325
Lane_str_opr	BOBJ1	16.15	Before	Interior Girder 6	16.15	0.95	1	1	11.265187
Lane_str_opr	BOBJ1	16.15	Before	Right Exterior Girder	16.15	0.95	1	1	13.488962
Lane_str_opr	BOBJ1	16.15	After	Left Exterior Girder	16.15	0.95	1	1	13.533549
Lane_str_opr	BOBJ1	16.15	After	Interior Girder 1	16.15	0.95	1	1	11.215459
Lane_str_opr	BOBJ1	16.15	After	Interior Girder 2	16.15	0.95	1	1	10.715946
Lane_str_opr	BOBJ1	16.15	After	Interior Girder 3	16.15	0.95	1	1	10.637127
Lane_str_opr	BOBJ1	16.15	After	Interior Girder 4	16.15	0.95	1	1	10.637127
Lane_str_opr	BOBJ1	16.15	After	Interior Girder 5	16.15	0.95	1	1	10.715946
Lane_str_opr	BOBJ1	16.15	After	Interior Girder 6	16.15	0.95	1	1	11.215459
Lane_str_opr	BOBJ1	16.15	After	Right Exterior Girder	16.15	0.95	1	1	13.533549
Lane_str_opr	BOBJ1	22.1267	Before	Left Exterior Girder	22.1267	0.95	1	1	14.228302
Lane_str_opr	BOBJ1	22.1267	Before	Interior Girder 1	22.1267	0.95	1	1	10.486004
Lane_str_opr	BOBJ1	22.1267	Before	Interior Girder 2	22.1267	0.95	1	1	10.311986
Lane_str_opr	BOBJ1	22.1267	Before	Interior Girder 3	22.1267	0.95	1	1	10.200468
Lane_str_opr	BOBJ1	22.1267	Before	Interior Girder 4	22.1267	0.95	1	1	10.200468
Lane_str_opr	BOBJ1	22.1267	Before	Interior Girder 5	22.1267	0.95	1	1	10.311986
Lane_str_opr	BOBJ1	22.1267	Before	Interior Girder 6	22.1267	0.95	1	1	10.486004
Lane_str_opr	BOBJ1	22.1267	Before	Right Exterior Girder	22.1267	0.95	1	1	14.228302
Lane_str_opr	BOBJ1	22.1267	After	Left Exterior Girder	22.1267	0.95	1	1	14.394597
Lane_str_opr	BOBJ1	22.1267	After	Interior Girder 1	22.1267	0.95	1	1	10.417183
Lane_str_opr	BOBJ1	22.1267	After	Interior Girder 2	22.1267	0.95	1	1	10.281241
Lane_str_opr	BOBJ1	22.1267	After	Interior Girder 3	22.1267	0.95	1	1	10.162123
Lane_str_opr	BOBJ1	22.1267	After	Interior Girder 4	22.1267	0.95	1	1	10.162123
Lane_str_opr	BOBJ1	22.1267	After	Interior Girder 5	22.1267	0.95	1	1	10.281241
Lane_str_opr	BOBJ1	22.1267	After	Interior Girder 6	22.1267	0.95	1	1	10.417183
Lane_str_opr	BOBJ1	22.1267	After	Right Exterior Girder	22.1267	0.95	1	1	14.394597
Lane_str_opr	BOBJ1	28.1033	Before	Left Exterior Girder	28.1033	0.95	1	1	17.616332
Lane_str_opr	BOBJ1	28.1033	Before	Interior Girder 1	28.1033	0.95	1	1	12.585766
Lane_str_opr	BOBJ1	28.1033	Before	Interior Girder 2	28.1033	0.95	1	1	12.397009
Lane_str_opr	BOBJ1	28.1033	Before	Interior Girder 3	28.1033	0.95	1	1	12.397202
Lane_str_opr	BOBJ1	28.1033	Before	Interior Girder 4	28.1033	0.95	1	1	12.397202
Lane_str_opr	BOBJ1	28.1033	Before	Interior Girder 5	28.1033	0.95	1	1	12.397009
Lane_str_opr	BOBJ1	28.1033	Before	Interior Girder 6	28.1033	0.95	1	1	12.585766
Lane_str_opr	BOBJ1	28.1033	Before	Right Exterior Girder	28.1033	0.95	1	1	17.616332
Lane_str_opr	BOBJ1	28.1033	After	Left Exterior Girder	28.1033	0.95	1	1	17.453156
Lane_str_opr	BOBJ1	28.1033	After	Interior Girder 1	28.1033	0.95	1	1	12.682956
Lane_str_opr	BOBJ1	28.1033	After	Interior Girder 2	28.1033	0.95	1	1	12.436376
Lane_str_opr	BOBJ1	28.1033	After	Interior Girder 3	28.1033	0.95	1	1	12.317562
Lane_str_opr	BOBJ1	28.1033	After	Interior Girder 4	28.1033	0.95	1	1	12.317562
Lane_str_opr	BOBJ1	28.1033	After	Interior Girder 5	28.1033	0.95	1	1	12.436376
Lane_str_opr	BOBJ1	28.1033	After	Interior Girder 6	28.1033	0.95	1	1	12.682956
Lane_str_opr	BOBJ1	28.1033	After	Right Exterior Girder	28.1033	0.95	1	1	17.453156
Lane_str_opr	BOBJ1	34.08	Before	Left Exterior Girder	34.08	0.95	1	1	14.84685
Lane_str_opr	BOBJ1	34.08	Before	Interior Girder 1	34.08	0.95	1	1	14.118796
Lane_str_opr	BOBJ1	34.08	Before	Interior Girder 2	34.08	0.95	1	1	13.705217
Lane_str_opr	BOBJ1	34.08	Before	Interior Girder 3	34.08	0.95	1	1	14.833348
Lane_str_opr	BOBJ1	34.08	Before	Interior Girder 4	34.08	0.95	1	1	14.833348
Lane_str_opr	BOBJ1	34.08	Before	Interior Girder 5	34.08	0.95	1	1	13.705217
Lane_str_opr	BOBJ1	34.08	Before	Interior Girder 6	34.08	0.95	1	1	14.118796
Lane_str_opr	BOBJ1	34.08	Before	Right Exterior Girder	34.08	0.95	1	1	14.84685
Lane_str_opr	BOBJ1	34.08	After	Left Exterior Girder	34.08	0.95	1	1	14.127442
Lane_str_opr	BOBJ1	34.08	After	Interior Girder 1	34.08	0.95	1	1	13.967242
Lane_str_opr	BOBJ1	34.08	After	Interior Girder 2	34.08	0.95	1	1	13.627236
Lane_str_opr	BOBJ1	34.08	After	Interior Girder 3	34.08	0.95	1	1	14.882691
Lane_str_opr	BOBJ1	34.08	After	Interior Girder 4	34.08	0.95	1	1	14.882691
Lane_str_opr	BOBJ1	34.08	After	Interior Girder 5	34.08	0.95	1	1	13.627236
Lane_str_opr	BOBJ1	34.08	After	Interior Girder 6	34.08	0.95	1	1	13.967242
Lane_str_opr	BOBJ1	34.08	After	Right Exterior Girder	34.08	0.95	1	1	14.127442
Lane_str_opr	BOBJ1	39.855	Before	Left Exterior Girder	39.855	0.95	1	1	8.635957
Lane_str_opr	BOBJ1	39.855	Before	Interior Girder 1	39.855	0.95	1	1	9.416933
Lane_str_opr	BOBJ1	39.855	Before	Interior Girder 2	39.855	0.95	1	1	9.25887
Lane_str_opr	BOBJ1	39.855	Before	Interior Girder 3	39.855	0.95	1	1	8.965087

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelINonCompStrgth-Flx - Approach, Span 16-19									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Lane_str_opr	BOBJ1	39.855	Before	Interior Girder 4	39.855	0.95	1	1	8.965087
Lane_str_opr	BOBJ1	39.855	Before	Interior Girder 5	39.855	0.95	1	1	9.25887
Lane_str_opr	BOBJ1	39.855	Before	Interior Girder 6	39.855	0.95	1	1	9.416933
Lane_str_opr	BOBJ1	39.855	Before	Right Exterior Girder	39.855	0.95	1	1	8.635957
Lane_str_opr	BOBJ1	39.855	After	Left Exterior Girder	39.855	0.95	1	1	8.862136
Lane_str_opr	BOBJ1	39.855	After	Interior Girder 1	39.855	0.95	1	1	9.317728
Lane_str_opr	BOBJ1	39.855	After	Interior Girder 2	39.855	0.95	1	1	9.290997
Lane_str_opr	BOBJ1	39.855	After	Interior Girder 3	39.855	0.95	1	1	9.046392
Lane_str_opr	BOBJ1	39.855	After	Interior Girder 4	39.855	0.95	1	1	9.046392
Lane_str_opr	BOBJ1	39.855	After	Interior Girder 5	39.855	0.95	1	1	9.290997
Lane_str_opr	BOBJ1	39.855	After	Interior Girder 6	39.855	0.95	1	1	9.317728
Lane_str_opr	BOBJ1	39.855	After	Right Exterior Girder	39.855	0.95	1	1	8.862136
Lane_str_opr	BOBJ1	40.0288	Before	Left Exterior Girder	40.0288	0.95	1	1	8.610355
Lane_str_opr	BOBJ1	40.0288	Before	Right Exterior Girder	40.0288	0.95	1	1	8.610355
Lane_str_opr	BOBJ1	40.0288	After	Left Exterior Girder	40.0288	0.95	1	1	12.832102
Lane_str_opr	BOBJ1	40.0288	After	Right Exterior Girder	40.0288	0.95	1	1	12.832102
Lane_str_opr	BOBJ1	45.63	Before	Left Exterior Girder	45.63	0.95	1	1	6.394541
Lane_str_opr	BOBJ1	45.63	Before	Interior Girder 1	45.63	0.95	1	1	4.653413
Lane_str_opr	BOBJ1	45.63	Before	Interior Girder 2	45.63	0.95	1	1	4.816758
Lane_str_opr	BOBJ1	45.63	Before	Interior Girder 3	45.63	0.95	1	1	3.97934
Lane_str_opr	BOBJ1	45.63	Before	Interior Girder 4	45.63	0.95	1	1	3.97934
Lane_str_opr	BOBJ1	45.63	Before	Interior Girder 5	45.63	0.95	1	1	4.816758
Lane_str_opr	BOBJ1	45.63	Before	Interior Girder 6	45.63	0.95	1	1	4.653413
Lane_str_opr	BOBJ1	45.63	Before	Right Exterior Girder	45.63	0.95	1	1	6.394541
Lane_str_opr	BOBJ1	45.63	After	Left Exterior Girder	0	0.95	1	1	6.294442
Lane_str_opr	BOBJ1	45.63	After	Interior Girder 1	0	0.95	1	1	4.617427
Lane_str_opr	BOBJ1	45.63	After	Interior Girder 2	0	0.95	1	1	4.789432
Lane_str_opr	BOBJ1	45.63	After	Interior Girder 3	0	0.95	1	1	3.9105
Lane_str_opr	BOBJ1	45.63	After	Interior Girder 4	0	0.95	1	1	3.9105
Lane_str_opr	BOBJ1	45.63	After	Interior Girder 5	0	0.95	1	1	4.789432
Lane_str_opr	BOBJ1	45.63	After	Interior Girder 6	0	0.95	1	1	4.617427
Lane_str_opr	BOBJ1	45.63	After	Right Exterior Girder	0	0.95	1	1	6.294442
Lane_str_opr	BOBJ1	50.6298	Before	Left Exterior Girder	4.9998	0.95	1	1	15.105278
Lane_str_opr	BOBJ1	50.6298	Before	Right Exterior Girder	4.9998	0.95	1	1	15.105278
Lane_str_opr	BOBJ1	50.6298	After	Left Exterior Girder	4.9998	0.95	1	1	9.750948
Lane_str_opr	BOBJ1	50.6298	After	Right Exterior Girder	4.9998	0.95	1	1	9.750948
Lane_str_opr	BOBJ1	51.4	Before	Left Exterior Girder	5.77	0.95	1	1	12.162526
Lane_str_opr	BOBJ1	51.4	Before	Interior Girder 1	5.77	0.95	1	1	11.11693
Lane_str_opr	BOBJ1	51.4	Before	Interior Girder 2	5.77	0.95	1	1	11.109088
Lane_str_opr	BOBJ1	51.4	Before	Interior Girder 3	5.77	0.95	1	1	10.405348
Lane_str_opr	BOBJ1	51.4	Before	Interior Girder 4	5.77	0.95	1	1	10.405348
Lane_str_opr	BOBJ1	51.4	Before	Interior Girder 5	5.77	0.95	1	1	11.109088
Lane_str_opr	BOBJ1	51.4	Before	Interior Girder 6	5.77	0.95	1	1	11.11693
Lane_str_opr	BOBJ1	51.4	Before	Right Exterior Girder	5.77	0.95	1	1	12.162526
Lane_str_opr	BOBJ1	51.4	After	Left Exterior Girder	5.77	0.95	1	1	11.769718
Lane_str_opr	BOBJ1	51.4	After	Interior Girder 1	5.77	0.95	1	1	11.389072
Lane_str_opr	BOBJ1	51.4	After	Interior Girder 2	5.77	0.95	1	1	11.139258
Lane_str_opr	BOBJ1	51.4	After	Interior Girder 3	5.77	0.95	1	1	10.292479
Lane_str_opr	BOBJ1	51.4	After	Interior Girder 4	5.77	0.95	1	1	10.292479
Lane_str_opr	BOBJ1	51.4	After	Interior Girder 5	5.77	0.95	1	1	11.139258
Lane_str_opr	BOBJ1	51.4	After	Interior Girder 6	5.77	0.95	1	1	11.389072
Lane_str_opr	BOBJ1	51.4	After	Right Exterior Girder	5.77	0.95	1	1	11.769718
Lane_str_opr	BOBJ1	57.17	Before	Left Exterior Girder	11.54	0.95	1	1	33.902315
Lane_str_opr	BOBJ1	57.17	Before	Interior Girder 1	11.54	0.95	1	1	25.441835
Lane_str_opr	BOBJ1	57.17	Before	Interior Girder 2	11.54	0.95	1	1	23.800458
Lane_str_opr	BOBJ1	57.17	Before	Interior Girder 3	11.54	0.95	1	1	25.607585
Lane_str_opr	BOBJ1	57.17	Before	Interior Girder 4	11.54	0.95	1	1	25.607585
Lane_str_opr	BOBJ1	57.17	Before	Interior Girder 5	11.54	0.95	1	1	23.800458
Lane_str_opr	BOBJ1	57.17	Before	Interior Girder 6	11.54	0.95	1	1	25.441835
Lane_str_opr	BOBJ1	57.17	Before	Right Exterior Girder	11.54	0.95	1	1	33.902315
Lane_str_opr	BOBJ1	57.17	After	Left Exterior Girder	11.54	0.95	1	1	34.42892
Lane_str_opr	BOBJ1	57.17	After	Interior Girder 1	11.54	0.95	1	1	26.063012
Lane_str_opr	BOBJ1	57.17	After	Interior Girder 2	11.54	0.95	1	1	23.894242
Lane_str_opr	BOBJ1	57.17	After	Interior Girder 3	11.54	0.95	1	1	25.148807
Lane_str_opr	BOBJ1	57.17	After	Interior Girder 4	11.54	0.95	1	1	25.148807

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelINonCompStrgth-Flx - Approach, Span 16-19									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Lane_str_opr	BOBJ1	57.17	After	Interior Girder 5	11.54	0.95	1	1	23.894242
Lane_str_opr	BOBJ1	57.17	After	Interior Girder 6	11.54	0.95	1	1	26.063012
Lane_str_opr	BOBJ1	57.17	After	Right Exterior Girder	11.54	0.95	1	1	34.42892
Lane_str_opr	BOBJ1	63.34	Before	Left Exterior Girder	17.71	0.95	1	1	16.412236
Lane_str_opr	BOBJ1	63.34	Before	Interior Girder 1	17.71	0.95	1	1	13.066538
Lane_str_opr	BOBJ1	63.34	Before	Interior Girder 2	17.71	0.95	1	1	12.730884
Lane_str_opr	BOBJ1	63.34	Before	Interior Girder 3	17.71	0.95	1	1	12.626878
Lane_str_opr	BOBJ1	63.34	Before	Interior Girder 4	17.71	0.95	1	1	12.626878
Lane_str_opr	BOBJ1	63.34	Before	Interior Girder 5	17.71	0.95	1	1	12.730884
Lane_str_opr	BOBJ1	63.34	Before	Interior Girder 6	17.71	0.95	1	1	13.066538
Lane_str_opr	BOBJ1	63.34	Before	Right Exterior Girder	17.71	0.95	1	1	16.412236
Lane_str_opr	BOBJ1	63.34	After	Left Exterior Girder	17.71	0.95	1	1	17.040154
Lane_str_opr	BOBJ1	63.34	After	Interior Girder 1	17.71	0.95	1	1	12.764185
Lane_str_opr	BOBJ1	63.34	After	Interior Girder 2	17.71	0.95	1	1	12.661141
Lane_str_opr	BOBJ1	63.34	After	Interior Girder 3	17.71	0.95	1	1	12.851551
Lane_str_opr	BOBJ1	63.34	After	Interior Girder 4	17.71	0.95	1	1	12.851551
Lane_str_opr	BOBJ1	63.34	After	Interior Girder 5	17.71	0.95	1	1	12.661141
Lane_str_opr	BOBJ1	63.34	After	Interior Girder 6	17.71	0.95	1	1	12.764185
Lane_str_opr	BOBJ1	63.34	After	Right Exterior Girder	17.71	0.95	1	1	17.040154
Lane_str_opr	BOBJ1	69.51	Before	Left Exterior Girder	23.88	0.95	1	1	9.342268
Lane_str_opr	BOBJ1	69.51	Before	Interior Girder 1	23.88	0.95	1	1	8.0569
Lane_str_opr	BOBJ1	69.51	Before	Interior Girder 2	23.88	0.95	1	1	7.978863
Lane_str_opr	BOBJ1	69.51	Before	Interior Girder 3	23.88	0.95	1	1	8.081518
Lane_str_opr	BOBJ1	69.51	Before	Interior Girder 4	23.88	0.95	1	1	8.081518
Lane_str_opr	BOBJ1	69.51	Before	Interior Girder 5	23.88	0.95	1	1	7.978863
Lane_str_opr	BOBJ1	69.51	Before	Interior Girder 6	23.88	0.95	1	1	8.0569
Lane_str_opr	BOBJ1	69.51	Before	Right Exterior Girder	23.88	0.95	1	1	9.342268
Lane_str_opr	BOBJ1	69.51	After	Left Exterior Girder	23.88	0.95	1	1	9.384708
Lane_str_opr	BOBJ1	69.51	After	Interior Girder 1	23.88	0.95	1	1	8.040352
Lane_str_opr	BOBJ1	69.51	After	Interior Girder 2	23.88	0.95	1	1	8.019065
Lane_str_opr	BOBJ1	69.51	After	Interior Girder 3	23.88	0.95	1	1	8.212898
Lane_str_opr	BOBJ1	69.51	After	Interior Girder 4	23.88	0.95	1	1	8.212898
Lane_str_opr	BOBJ1	69.51	After	Interior Girder 5	23.88	0.95	1	1	8.019065
Lane_str_opr	BOBJ1	69.51	After	Interior Girder 6	23.88	0.95	1	1	8.040352
Lane_str_opr	BOBJ1	69.51	After	Right Exterior Girder	23.88	0.95	1	1	9.384708
Lane_str_opr	BOBJ1	75.68	Before	Left Exterior Girder	30.05	0.95	1	1	6.693106
Lane_str_opr	BOBJ1	75.68	Before	Interior Girder 1	30.05	0.95	1	1	6.671079
Lane_str_opr	BOBJ1	75.68	Before	Interior Girder 2	30.05	0.95	1	1	6.605134
Lane_str_opr	BOBJ1	75.68	Before	Interior Girder 3	30.05	0.95	1	1	6.726191
Lane_str_opr	BOBJ1	75.68	Before	Interior Girder 4	30.05	0.95	1	1	6.726191
Lane_str_opr	BOBJ1	75.68	Before	Interior Girder 5	30.05	0.95	1	1	6.605134
Lane_str_opr	BOBJ1	75.68	Before	Interior Girder 6	30.05	0.95	1	1	6.671079
Lane_str_opr	BOBJ1	75.68	Before	Right Exterior Girder	30.05	0.95	1	1	6.693106
Lane_str_opr	BOBJ1	75.68	After	Left Exterior Girder	30.05	0.95	1	1	6.744346
Lane_str_opr	BOBJ1	75.68	After	Interior Girder 1	30.05	0.95	1	1	6.63553
Lane_str_opr	BOBJ1	75.68	After	Interior Girder 2	30.05	0.95	1	1	6.601737
Lane_str_opr	BOBJ1	75.68	After	Interior Girder 3	30.05	0.95	1	1	6.729604
Lane_str_opr	BOBJ1	75.68	After	Interior Girder 4	30.05	0.95	1	1	6.729604
Lane_str_opr	BOBJ1	75.68	After	Interior Girder 5	30.05	0.95	1	1	6.601737
Lane_str_opr	BOBJ1	75.68	After	Interior Girder 6	30.05	0.95	1	1	6.63553
Lane_str_opr	BOBJ1	75.68	After	Right Exterior Girder	30.05	0.95	1	1	6.744346
Lane_str_opr	BOBJ1	81.8467	Before	Left Exterior Girder	36.2167	0.95	1	1	6.912838
Lane_str_opr	BOBJ1	81.8467	Before	Interior Girder 1	36.2167	0.95	1	1	6.237906
Lane_str_opr	BOBJ1	81.8467	Before	Interior Girder 2	36.2167	0.95	1	1	6.260565
Lane_str_opr	BOBJ1	81.8467	Before	Interior Girder 3	36.2167	0.95	1	1	6.432791
Lane_str_opr	BOBJ1	81.8467	Before	Interior Girder 4	36.2167	0.95	1	1	6.432791
Lane_str_opr	BOBJ1	81.8467	Before	Interior Girder 5	36.2167	0.95	1	1	6.260565
Lane_str_opr	BOBJ1	81.8467	Before	Interior Girder 6	36.2167	0.95	1	1	6.237906
Lane_str_opr	BOBJ1	81.8467	Before	Right Exterior Girder	36.2167	0.95	1	1	6.912838
Lane_str_opr	BOBJ1	81.8467	After	Left Exterior Girder	36.2167	0.95	1	1	6.961368
Lane_str_opr	BOBJ1	81.8467	After	Interior Girder 1	36.2167	0.95	1	1	6.206516
Lane_str_opr	BOBJ1	81.8467	After	Interior Girder 2	36.2167	0.95	1	1	6.233228
Lane_str_opr	BOBJ1	81.8467	After	Interior Girder 3	36.2167	0.95	1	1	6.385315
Lane_str_opr	BOBJ1	81.8467	After	Interior Girder 4	36.2167	0.95	1	1	6.385315
Lane_str_opr	BOBJ1	81.8467	After	Interior Girder 5	36.2167	0.95	1	1	6.233227

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelINonCompStrgth-Flx - Approach, Span 16-19									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Lane_str_opr	BOBJ1	81.8467	After	Interior Girder 6	36.2167	0.95	1	1	6.206516
Lane_str_opr	BOBJ1	81.8467	After	Right Exterior Girder	36.2167	0.95	1	1	6.961368
Lane_str_opr	BOBJ1	88.0133	Before	Left Exterior Girder	42.3833	0.95	1	1	8.3554
Lane_str_opr	BOBJ1	88.0133	Before	Interior Girder 1	42.3833	0.95	1	1	7.201844
Lane_str_opr	BOBJ1	88.0133	Before	Interior Girder 2	42.3833	0.95	1	1	7.221052
Lane_str_opr	BOBJ1	88.0133	Before	Interior Girder 3	42.3833	0.95	1	1	7.404927
Lane_str_opr	BOBJ1	88.0133	Before	Interior Girder 4	42.3833	0.95	1	1	7.404927
Lane_str_opr	BOBJ1	88.0133	Before	Interior Girder 5	42.3833	0.95	1	1	7.221052
Lane_str_opr	BOBJ1	88.0133	Before	Interior Girder 6	42.3833	0.95	1	1	7.201844
Lane_str_opr	BOBJ1	88.0133	Before	Right Exterior Girder	42.3833	0.95	1	1	8.3554
Lane_str_opr	BOBJ1	88.0133	After	Left Exterior Girder	42.3833	0.95	1	1	8.173042
Lane_str_opr	BOBJ1	88.0133	After	Interior Girder 1	42.3833	0.95	1	1	7.307505
Lane_str_opr	BOBJ1	88.0133	After	Interior Girder 2	42.3833	0.95	1	1	7.262166
Lane_str_opr	BOBJ1	88.0133	After	Interior Girder 3	42.3833	0.95	1	1	7.371513
Lane_str_opr	BOBJ1	88.0133	After	Interior Girder 4	42.3833	0.95	1	1	7.371513
Lane_str_opr	BOBJ1	88.0133	After	Interior Girder 5	42.3833	0.95	1	1	7.262166
Lane_str_opr	BOBJ1	88.0133	After	Interior Girder 6	42.3833	0.95	1	1	7.307505
Lane_str_opr	BOBJ1	88.0133	After	Right Exterior Girder	42.3833	0.95	1	1	8.173042
Lane_str_opr	BOBJ1	94.18	Before	Left Exterior Girder	48.55	0.95	1	1	11.47855
Lane_str_opr	BOBJ1	94.18	Before	Interior Girder 1	48.55	0.95	1	1	10.986215
Lane_str_opr	BOBJ1	94.18	Before	Interior Girder 2	48.55	0.95	1	1	10.663537
Lane_str_opr	BOBJ1	94.18	Before	Interior Girder 3	48.55	0.95	1	1	10.805025
Lane_str_opr	BOBJ1	94.18	Before	Interior Girder 4	48.55	0.95	1	1	10.805025
Lane_str_opr	BOBJ1	94.18	Before	Interior Girder 5	48.55	0.95	1	1	10.663537
Lane_str_opr	BOBJ1	94.18	Before	Interior Girder 6	48.55	0.95	1	1	10.986215
Lane_str_opr	BOBJ1	94.18	Before	Right Exterior Girder	48.55	0.95	1	1	11.47855
Lane_str_opr	BOBJ1	94.18	After	Left Exterior Girder	48.55	0.95	1	1	11.258774
Lane_str_opr	BOBJ1	94.18	After	Interior Girder 1	48.55	0.95	1	1	11.182919
Lane_str_opr	BOBJ1	94.18	After	Interior Girder 2	48.55	0.95	1	1	10.676633
Lane_str_opr	BOBJ1	94.18	After	Interior Girder 3	48.55	0.95	1	1	10.744563
Lane_str_opr	BOBJ1	94.18	After	Interior Girder 4	48.55	0.95	1	1	10.744563
Lane_str_opr	BOBJ1	94.18	After	Interior Girder 5	48.55	0.95	1	1	10.676633
Lane_str_opr	BOBJ1	94.18	After	Interior Girder 6	48.55	0.95	1	1	11.182919
Lane_str_opr	BOBJ1	94.18	After	Right Exterior Girder	48.55	0.95	1	1	11.258774
Lane_str_opr	BOBJ1	100.3567	Before	Left Exterior Girder	54.7267	0.95	1	1	23.138175
Lane_str_opr	BOBJ1	100.3567	Before	Interior Girder 1	54.7267	0.95	1	1	19.742958
Lane_str_opr	BOBJ1	100.3567	Before	Interior Girder 2	54.7267	0.95	1	1	19.195442
Lane_str_opr	BOBJ1	100.3567	Before	Interior Girder 3	54.7267	0.95	1	1	20.26006
Lane_str_opr	BOBJ1	100.3567	Before	Interior Girder 4	54.7267	0.95	1	1	20.26006
Lane_str_opr	BOBJ1	100.3567	Before	Interior Girder 5	54.7267	0.95	1	1	19.195442
Lane_str_opr	BOBJ1	100.3567	Before	Interior Girder 6	54.7267	0.95	1	1	19.742958
Lane_str_opr	BOBJ1	100.3567	Before	Right Exterior Girder	54.7267	0.95	1	1	23.138175
Lane_str_opr	BOBJ1	100.3567	After	Left Exterior Girder	54.7267	0.95	1	1	23.993203
Lane_str_opr	BOBJ1	100.3567	After	Interior Girder 1	54.7267	0.95	1	1	19.626204
Lane_str_opr	BOBJ1	100.3567	After	Interior Girder 2	54.7267	0.95	1	1	19.188175
Lane_str_opr	BOBJ1	100.3567	After	Interior Girder 3	54.7267	0.95	1	1	19.822924
Lane_str_opr	BOBJ1	100.3567	After	Interior Girder 4	54.7267	0.95	1	1	19.822924
Lane_str_opr	BOBJ1	100.3567	After	Interior Girder 5	54.7267	0.95	1	1	19.188175
Lane_str_opr	BOBJ1	100.3567	After	Interior Girder 6	54.7267	0.95	1	1	19.626204
Lane_str_opr	BOBJ1	100.3567	After	Right Exterior Girder	54.7267	0.95	1	1	23.993203
Lane_str_opr	BOBJ1	106.5333	Before	Left Exterior Girder	60.9033	0.95	1	1	9.635594
Lane_str_opr	BOBJ1	106.5333	Before	Interior Girder 1	60.9033	0.95	1	1	11.161272
Lane_str_opr	BOBJ1	106.5333	Before	Interior Girder 2	60.9033	0.95	1	1	10.690891
Lane_str_opr	BOBJ1	106.5333	Before	Interior Girder 3	60.9033	0.95	1	1	9.94456
Lane_str_opr	BOBJ1	106.5333	Before	Interior Girder 4	60.9033	0.95	1	1	9.94456
Lane_str_opr	BOBJ1	106.5333	Before	Interior Girder 5	60.9033	0.95	1	1	10.690891
Lane_str_opr	BOBJ1	106.5333	Before	Interior Girder 6	60.9033	0.95	1	1	11.161272
Lane_str_opr	BOBJ1	106.5333	Before	Right Exterior Girder	60.9033	0.95	1	1	9.635594
Lane_str_opr	BOBJ1	106.5333	After	Left Exterior Girder	60.9033	0.95	1	1	10.021138
Lane_str_opr	BOBJ1	106.5333	After	Interior Girder 1	60.9033	0.95	1	1	10.83684
Lane_str_opr	BOBJ1	106.5333	After	Interior Girder 2	60.9033	0.95	1	1	10.645139
Lane_str_opr	BOBJ1	106.5333	After	Interior Girder 3	60.9033	0.95	1	1	10.038533
Lane_str_opr	BOBJ1	106.5333	After	Interior Girder 4	60.9033	0.95	1	1	10.038533
Lane_str_opr	BOBJ1	106.5333	After	Interior Girder 5	60.9033	0.95	1	1	10.645139
Lane_str_opr	BOBJ1	106.5333	After	Interior Girder 6	60.9033	0.95	1	1	10.83684

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelINonCompStrgth-Flx - Approach, Span 16-19									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Lane_str_opr	BOBJ1	106.5333	After	Right Exterior Girder	60.9033	0.95	1	1	10.021138
Lane_str_opr	BOBJ1	108.2102	Before	Left Exterior Girder	62.5802	0.95	1	1	6.88209
Lane_str_opr	BOBJ1	108.2102	Before	Right Exterior Girder	62.5802	0.95	1	1	6.88209
Lane_str_opr	BOBJ1	108.2102	After	Left Exterior Girder	62.5802	0.95	1	1	10.916281
Lane_str_opr	BOBJ1	108.2102	After	Right Exterior Girder	62.5802	0.95	1	1	10.916281
Lane_str_opr	BOBJ1	112.71	Before	Left Exterior Girder	67.08	0.95	1	1	5.148904
Lane_str_opr	BOBJ1	112.71	Before	Interior Girder 1	67.08	0.95	1	1	4.385142
Lane_str_opr	BOBJ1	112.71	Before	Interior Girder 2	67.08	0.95	1	1	4.489327
Lane_str_opr	BOBJ1	112.71	Before	Interior Girder 3	67.08	0.95	1	1	3.837039
Lane_str_opr	BOBJ1	112.71	Before	Interior Girder 4	67.08	0.95	1	1	3.837039
Lane_str_opr	BOBJ1	112.71	Before	Interior Girder 5	67.08	0.95	1	1	4.489327
Lane_str_opr	BOBJ1	112.71	Before	Interior Girder 6	67.08	0.95	1	1	4.385142
Lane_str_opr	BOBJ1	112.71	Before	Right Exterior Girder	67.08	0.95	1	1	5.148904
Lane_str_opr	BOBJ1	112.71	After	Left Exterior Girder	0	0.95	1	1	5.182459
Lane_str_opr	BOBJ1	112.71	After	Interior Girder 1	0	0.95	1	1	4.409496
Lane_str_opr	BOBJ1	112.71	After	Interior Girder 2	0	0.95	1	1	4.494134
Lane_str_opr	BOBJ1	112.71	After	Interior Girder 3	0	0.95	1	1	3.873776
Lane_str_opr	BOBJ1	112.71	After	Interior Girder 4	0	0.95	1	1	3.873776
Lane_str_opr	BOBJ1	112.71	After	Interior Girder 5	0	0.95	1	1	4.494134
Lane_str_opr	BOBJ1	112.71	After	Interior Girder 6	0	0.95	1	1	4.409496
Lane_str_opr	BOBJ1	112.71	After	Right Exterior Girder	0	0.95	1	1	5.182459
Lane_str_opr	BOBJ1	117.21	Before	Left Exterior Girder	4.5	0.95	1	1	9.826376
Lane_str_opr	BOBJ1	117.21	Before	Right Exterior Girder	4.5	0.95	1	1	9.826376
Lane_str_opr	BOBJ1	117.21	After	Left Exterior Girder	4.5	0.95	1	1	6.168892
Lane_str_opr	BOBJ1	117.21	After	Right Exterior Girder	4.5	0.95	1	1	6.168892
Lane_str_opr	BOBJ1	119.1	Before	Left Exterior Girder	6.39	0.95	1	1	8.449973
Lane_str_opr	BOBJ1	119.1	Before	Interior Girder 1	6.39	0.95	1	1	9.745551
Lane_str_opr	BOBJ1	119.1	Before	Interior Girder 2	6.39	0.95	1	1	9.674307
Lane_str_opr	BOBJ1	119.1	Before	Interior Girder 3	6.39	0.95	1	1	9.36045
Lane_str_opr	BOBJ1	119.1	Before	Interior Girder 4	6.39	0.95	1	1	9.36045
Lane_str_opr	BOBJ1	119.1	Before	Interior Girder 5	6.39	0.95	1	1	9.674307
Lane_str_opr	BOBJ1	119.1	Before	Interior Girder 6	6.39	0.95	1	1	9.745551
Lane_str_opr	BOBJ1	119.1	Before	Right Exterior Girder	6.39	0.95	1	1	8.449973
Lane_str_opr	BOBJ1	119.1	After	Left Exterior Girder	6.39	0.95	1	1	8.155099
Lane_str_opr	BOBJ1	119.1	After	Interior Girder 1	6.39	0.95	1	1	9.982182
Lane_str_opr	BOBJ1	119.1	After	Interior Girder 2	6.39	0.95	1	1	9.661872
Lane_str_opr	BOBJ1	119.1	After	Interior Girder 3	6.39	0.95	1	1	9.263238
Lane_str_opr	BOBJ1	119.1	After	Interior Girder 4	6.39	0.95	1	1	9.263238
Lane_str_opr	BOBJ1	119.1	After	Interior Girder 5	6.39	0.95	1	1	9.661872
Lane_str_opr	BOBJ1	119.1	After	Interior Girder 6	6.39	0.95	1	1	9.982182
Lane_str_opr	BOBJ1	119.1	After	Right Exterior Girder	6.39	0.95	1	1	8.155099
Lane_str_opr	BOBJ1	125.49	Before	Left Exterior Girder	12.78	0.95	1	1	13.933641
Lane_str_opr	BOBJ1	125.49	Before	Interior Girder 1	12.78	0.95	1	1	15.161933
Lane_str_opr	BOBJ1	125.49	Before	Interior Girder 2	12.78	0.95	1	1	14.762398
Lane_str_opr	BOBJ1	125.49	Before	Interior Girder 3	12.78	0.95	1	1	15.8258
Lane_str_opr	BOBJ1	125.49	Before	Interior Girder 4	12.78	0.95	1	1	15.8258
Lane_str_opr	BOBJ1	125.49	Before	Interior Girder 5	12.78	0.95	1	1	14.762398
Lane_str_opr	BOBJ1	125.49	Before	Interior Girder 6	12.78	0.95	1	1	15.161933
Lane_str_opr	BOBJ1	125.49	Before	Right Exterior Girder	12.78	0.95	1	1	13.933641
Lane_str_opr	BOBJ1	125.49	After	Left Exterior Girder	12.78	0.95	1	1	13.763706
Lane_str_opr	BOBJ1	125.49	After	Interior Girder 1	12.78	0.95	1	1	15.273511
Lane_str_opr	BOBJ1	125.49	After	Interior Girder 2	12.78	0.95	1	1	14.847033
Lane_str_opr	BOBJ1	125.49	After	Interior Girder 3	12.78	0.95	1	1	15.775356
Lane_str_opr	BOBJ1	125.49	After	Interior Girder 4	12.78	0.95	1	1	15.775356
Lane_str_opr	BOBJ1	125.49	After	Interior Girder 5	12.78	0.95	1	1	14.847033
Lane_str_opr	BOBJ1	125.49	After	Interior Girder 6	12.78	0.95	1	1	15.273511
Lane_str_opr	BOBJ1	125.49	After	Right Exterior Girder	12.78	0.95	1	1	13.763706
Lane_str_opr	BOBJ1	131.88	Before	Left Exterior Girder	19.17	0.95	1	1	13.925671
Lane_str_opr	BOBJ1	131.88	Before	Interior Girder 1	19.17	0.95	1	1	13.240241
Lane_str_opr	BOBJ1	131.88	Before	Interior Girder 2	19.17	0.95	1	1	12.25574
Lane_str_opr	BOBJ1	131.88	Before	Interior Girder 3	19.17	0.95	1	1	12.202984
Lane_str_opr	BOBJ1	131.88	Before	Interior Girder 4	19.17	0.95	1	1	12.202984
Lane_str_opr	BOBJ1	131.88	Before	Interior Girder 5	19.17	0.95	1	1	12.25574
Lane_str_opr	BOBJ1	131.88	Before	Interior Girder 6	19.17	0.95	1	1	13.240241
Lane_str_opr	BOBJ1	131.88	Before	Right Exterior Girder	19.17	0.95	1	1	13.925671

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelINonCompStrgth-Flx - Approach, Span 16-19									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Lane_str_opr	BOBJ1	131.88	After	Left Exterior Girder	19.17	0.95	1	1	14.005717
Lane_str_opr	BOBJ1	131.88	After	Interior Girder 1	19.17	0.95	1	1	13.165656
Lane_str_opr	BOBJ1	131.88	After	Interior Girder 2	19.17	0.95	1	1	12.266606
Lane_str_opr	BOBJ1	131.88	After	Interior Girder 3	19.17	0.95	1	1	12.367238
Lane_str_opr	BOBJ1	131.88	After	Interior Girder 4	19.17	0.95	1	1	12.367238
Lane_str_opr	BOBJ1	131.88	After	Interior Girder 5	19.17	0.95	1	1	12.266606
Lane_str_opr	BOBJ1	131.88	After	Interior Girder 6	19.17	0.95	1	1	13.165656
Lane_str_opr	BOBJ1	131.88	After	Right Exterior Girder	19.17	0.95	1	1	14.005717
Lane_str_opr	BOBJ1	138.27	Before	Left Exterior Girder	25.56	0.95	1	1	12.44683
Lane_str_opr	BOBJ1	138.27	Before	Interior Girder 1	25.56	0.95	1	1	10.11201
Lane_str_opr	BOBJ1	138.27	Before	Interior Girder 2	25.56	0.95	1	1	9.80542
Lane_str_opr	BOBJ1	138.27	Before	Interior Girder 3	25.56	0.95	1	1	9.682487
Lane_str_opr	BOBJ1	138.27	Before	Interior Girder 4	25.56	0.95	1	1	9.682487
Lane_str_opr	BOBJ1	138.27	Before	Interior Girder 5	25.56	0.95	1	1	9.80542
Lane_str_opr	BOBJ1	138.27	Before	Interior Girder 6	25.56	0.95	1	1	10.11201
Lane_str_opr	BOBJ1	138.27	Before	Right Exterior Girder	25.56	0.95	1	1	12.44683
Lane_str_opr	BOBJ1	138.27	After	Left Exterior Girder	25.56	0.95	1	1	12.608179
Lane_str_opr	BOBJ1	138.27	After	Interior Girder 1	25.56	0.95	1	1	10.02377
Lane_str_opr	BOBJ1	138.27	After	Interior Girder 2	25.56	0.95	1	1	9.759205
Lane_str_opr	BOBJ1	138.27	After	Interior Girder 3	25.56	0.95	1	1	9.677592
Lane_str_opr	BOBJ1	138.27	After	Interior Girder 4	25.56	0.95	1	1	9.677592
Lane_str_opr	BOBJ1	138.27	After	Interior Girder 5	25.56	0.95	1	1	9.759205
Lane_str_opr	BOBJ1	138.27	After	Interior Girder 6	25.56	0.95	1	1	10.02377
Lane_str_opr	BOBJ1	138.27	After	Right Exterior Girder	25.56	0.95	1	1	12.608179
Lane_str_opr	BOBJ1	144.66	Before	Left Exterior Girder	31.95	0.95	1	1	13.149133
Lane_str_opr	BOBJ1	144.66	Before	Interior Girder 1	31.95	0.95	1	1	10.257757
Lane_str_opr	BOBJ1	144.66	Before	Interior Girder 2	31.95	0.95	1	1	9.990533
Lane_str_opr	BOBJ1	144.66	Before	Interior Girder 3	31.95	0.95	1	1	9.892235
Lane_str_opr	BOBJ1	144.66	Before	Interior Girder 4	31.95	0.95	1	1	9.892235
Lane_str_opr	BOBJ1	144.66	Before	Interior Girder 5	31.95	0.95	1	1	9.990533
Lane_str_opr	BOBJ1	144.66	Before	Interior Girder 6	31.95	0.95	1	1	10.257757
Lane_str_opr	BOBJ1	144.66	Before	Right Exterior Girder	31.95	0.95	1	1	13.149133
Lane_str_opr	BOBJ1	144.66	After	Left Exterior Girder	31.95	0.95	1	1	12.912871
Lane_str_opr	BOBJ1	144.66	After	Interior Girder 1	31.95	0.95	1	1	10.384857
Lane_str_opr	BOBJ1	144.66	After	Interior Girder 2	31.95	0.95	1	1	10.03889
Lane_str_opr	BOBJ1	144.66	After	Interior Girder 3	31.95	0.95	1	1	9.877055
Lane_str_opr	BOBJ1	144.66	After	Interior Girder 4	31.95	0.95	1	1	9.877055
Lane_str_opr	BOBJ1	144.66	After	Interior Girder 5	31.95	0.95	1	1	10.03889
Lane_str_opr	BOBJ1	144.66	After	Interior Girder 6	31.95	0.95	1	1	10.384857
Lane_str_opr	BOBJ1	144.66	After	Right Exterior Girder	31.95	0.95	1	1	12.912871
Lane_str_opr	BOBJ1	151.05	Before	Left Exterior Girder	38.34	0.95	1	1	15.909986
Lane_str_opr	BOBJ1	151.05	Before	Interior Girder 1	38.34	0.95	1	1	14.429269
Lane_str_opr	BOBJ1	151.05	Before	Interior Girder 2	38.34	0.95	1	1	13.353789
Lane_str_opr	BOBJ1	151.05	Before	Interior Girder 3	38.34	0.95	1	1	13.383656
Lane_str_opr	BOBJ1	151.05	Before	Interior Girder 4	38.34	0.95	1	1	13.383656
Lane_str_opr	BOBJ1	151.05	Before	Interior Girder 5	38.34	0.95	1	1	13.353789
Lane_str_opr	BOBJ1	151.05	Before	Interior Girder 6	38.34	0.95	1	1	14.429269
Lane_str_opr	BOBJ1	151.05	Before	Right Exterior Girder	38.34	0.95	1	1	15.909986
Lane_str_opr	BOBJ1	151.05	After	Left Exterior Girder	38.34	0.95	1	1	15.739207
Lane_str_opr	BOBJ1	151.05	After	Interior Girder 1	38.34	0.95	1	1	14.573437
Lane_str_opr	BOBJ1	151.05	After	Interior Girder 2	38.34	0.95	1	1	13.344704
Lane_str_opr	BOBJ1	151.05	After	Interior Girder 3	38.34	0.95	1	1	13.166147
Lane_str_opr	BOBJ1	151.05	After	Interior Girder 4	38.34	0.95	1	1	13.166147
Lane_str_opr	BOBJ1	151.05	After	Interior Girder 5	38.34	0.95	1	1	13.344704
Lane_str_opr	BOBJ1	151.05	After	Interior Girder 6	38.34	0.95	1	1	14.573437
Lane_str_opr	BOBJ1	151.05	After	Right Exterior Girder	38.34	0.95	1	1	15.739207
Lane_str_opr	BOBJ1	157.4367	Before	Left Exterior Girder	44.7267	0.95	1	1	15.822442
Lane_str_opr	BOBJ1	157.4367	Before	Interior Girder 1	44.7267	0.95	1	1	14.387675
Lane_str_opr	BOBJ1	157.4367	Before	Interior Girder 2	44.7267	0.95	1	1	13.675027
Lane_str_opr	BOBJ1	157.4367	Before	Interior Girder 3	44.7267	0.95	1	1	14.62018
Lane_str_opr	BOBJ1	157.4367	Before	Interior Girder 4	44.7267	0.95	1	1	14.62018
Lane_str_opr	BOBJ1	157.4367	Before	Interior Girder 5	44.7267	0.95	1	1	13.675027
Lane_str_opr	BOBJ1	157.4367	Before	Interior Girder 6	44.7267	0.95	1	1	14.387675
Lane_str_opr	BOBJ1	157.4367	Before	Right Exterior Girder	44.7267	0.95	1	1	15.822442
Lane_str_opr	BOBJ1	157.4367	After	Left Exterior Girder	44.7267	0.95	1	1	15.982986

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelINonCompStrgth-Flx - Approach, Span 16-19									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Lane_str_opr	BOBJ1	157.4367	After	Interior Girder 1	44.7267	0.95	1	1	14.328742
Lane_str_opr	BOBJ1	157.4367	After	Interior Girder 2	44.7267	0.95	1	1	13.667658
Lane_str_opr	BOBJ1	157.4367	After	Interior Girder 3	44.7267	0.95	1	1	14.651958
Lane_str_opr	BOBJ1	157.4367	After	Interior Girder 4	44.7267	0.95	1	1	14.651958
Lane_str_opr	BOBJ1	157.4367	After	Interior Girder 5	44.7267	0.95	1	1	13.667658
Lane_str_opr	BOBJ1	157.4367	After	Interior Girder 6	44.7267	0.95	1	1	14.328742
Lane_str_opr	BOBJ1	157.4367	After	Right Exterior Girder	44.7267	0.95	1	1	15.982986
Lane_str_opr	BOBJ1	158.71	Before	Left Exterior Girder	46	0.95	1	1	14.801204
Lane_str_opr	BOBJ1	158.71	Before	Interior Girder 1	46	0.95	1	1	13.638054
Lane_str_opr	BOBJ1	158.71	Before	Interior Girder 2	46	0.95	1	1	12.97159
Lane_str_opr	BOBJ1	158.71	Before	Interior Girder 3	46	0.95	1	1	13.282812
Lane_str_opr	BOBJ1	158.71	Before	Interior Girder 4	46	0.95	1	1	13.282812
Lane_str_opr	BOBJ1	158.71	Before	Interior Girder 5	46	0.95	1	1	12.97159
Lane_str_opr	BOBJ1	158.71	Before	Interior Girder 6	46	0.95	1	1	13.638054
Lane_str_opr	BOBJ1	158.71	Before	Right Exterior Girder	46	0.95	1	1	14.801204
Lane_str_opr	BOBJ1	158.71	After	Left Exterior Girder	46	0.95	1	1	20.631837
Lane_str_opr	BOBJ1	158.71	After	Interior Girder 1	46	0.95	1	1	17.190644
Lane_str_opr	BOBJ1	158.71	After	Interior Girder 2	46	0.95	1	1	16.344111
Lane_str_opr	BOBJ1	158.71	After	Interior Girder 3	46	0.95	1	1	16.87565
Lane_str_opr	BOBJ1	158.71	After	Interior Girder 4	46	0.95	1	1	16.87565
Lane_str_opr	BOBJ1	158.71	After	Interior Girder 5	46	0.95	1	1	16.344111
Lane_str_opr	BOBJ1	158.71	After	Interior Girder 6	46	0.95	1	1	17.190644
Lane_str_opr	BOBJ1	158.71	After	Right Exterior Girder	46	0.95	1	1	20.631837
Lane_str_opr	BOBJ1	163.8233	Before	Left Exterior Girder	51.1133	0.95	1	1	12.066133
Lane_str_opr	BOBJ1	163.8233	Before	Interior Girder 1	51.1133	0.95	1	1	10.732426
Lane_str_opr	BOBJ1	163.8233	Before	Interior Girder 2	51.1133	0.95	1	1	10.334656
Lane_str_opr	BOBJ1	163.8233	Before	Interior Girder 3	51.1133	0.95	1	1	9.601341
Lane_str_opr	BOBJ1	163.8233	Before	Interior Girder 4	51.1133	0.95	1	1	9.601341
Lane_str_opr	BOBJ1	163.8233	Before	Interior Girder 5	51.1133	0.95	1	1	10.334656
Lane_str_opr	BOBJ1	163.8233	Before	Interior Girder 6	51.1133	0.95	1	1	10.732426
Lane_str_opr	BOBJ1	163.8233	Before	Right Exterior Girder	51.1133	0.95	1	1	12.066133
Lane_str_opr	BOBJ1	163.8233	After	Left Exterior Girder	51.1133	0.95	1	1	12.412458
Lane_str_opr	BOBJ1	163.8233	After	Interior Girder 1	51.1133	0.95	1	1	10.507707
Lane_str_opr	BOBJ1	163.8233	After	Interior Girder 2	51.1133	0.95	1	1	10.305168
Lane_str_opr	BOBJ1	163.8233	After	Interior Girder 3	51.1133	0.95	1	1	9.683513
Lane_str_opr	BOBJ1	163.8233	After	Interior Girder 4	51.1133	0.95	1	1	9.683513
Lane_str_opr	BOBJ1	163.8233	After	Interior Girder 5	51.1133	0.95	1	1	10.305168
Lane_str_opr	BOBJ1	163.8233	After	Interior Girder 6	51.1133	0.95	1	1	10.507707
Lane_str_opr	BOBJ1	163.8233	After	Right Exterior Girder	51.1133	0.95	1	1	12.412458
Lane_str_opr	BOBJ1	164.71	Before	Left Exterior Girder	52	0.95	1	1	10.78081
Lane_str_opr	BOBJ1	164.71	Before	Right Exterior Girder	52	0.95	1	1	10.78081
Lane_str_opr	BOBJ1	164.71	After	Left Exterior Girder	52	0.95	1	1	17.38884
Lane_str_opr	BOBJ1	164.71	After	Right Exterior Girder	52	0.95	1	1	17.38884
Lane_str_opr	BOBJ1	170.21	Before	Left Exterior Girder	57.5	0.95	1	1	8.762937
Lane_str_opr	BOBJ1	170.21	Before	Interior Girder 1	57.5	0.95	1	1	4.568616
Lane_str_opr	BOBJ1	170.21	Before	Interior Girder 2	57.5	0.95	1	1	4.668833
Lane_str_opr	BOBJ1	170.21	Before	Interior Girder 3	57.5	0.95	1	1	3.914793
Lane_str_opr	BOBJ1	170.21	Before	Interior Girder 4	57.5	0.95	1	1	3.914793
Lane_str_opr	BOBJ1	170.21	Before	Interior Girder 5	57.5	0.95	1	1	4.668833
Lane_str_opr	BOBJ1	170.21	Before	Interior Girder 6	57.5	0.95	1	1	4.568616
Lane_str_opr	BOBJ1	170.21	Before	Right Exterior Girder	57.5	0.95	1	1	8.762937
Lane_str_opr	BOBJ1	170.21	After	Left Exterior Girder	0	0.95	1	1	8.789342
Lane_str_opr	BOBJ1	170.21	After	Interior Girder 1	0	0.95	1	1	6.075372
Lane_str_opr	BOBJ1	170.21	After	Interior Girder 2	0	0.95	1	1	6.098576
Lane_str_opr	BOBJ1	170.21	After	Interior Girder 3	0	0.95	1	1	5.194022
Lane_str_opr	BOBJ1	170.21	After	Interior Girder 4	0	0.95	1	1	5.194022
Lane_str_opr	BOBJ1	170.21	After	Interior Girder 5	0	0.95	1	1	6.098576
Lane_str_opr	BOBJ1	170.21	After	Interior Girder 6	0	0.95	1	1	6.075372
Lane_str_opr	BOBJ1	170.21	After	Right Exterior Girder	0	0.95	1	1	8.789342
Lane_str_opr	BOBJ1	176.21	Before	Left Exterior Girder	6	0.95	1	1	20.416652
Lane_str_opr	BOBJ1	176.21	Before	Right Exterior Girder	6	0.95	1	1	20.416652
Lane_str_opr	BOBJ1	176.21	After	Left Exterior Girder	6	0.95	1	1	13.031605
Lane_str_opr	BOBJ1	176.21	After	Right Exterior Girder	6	0.95	1	1	13.031605
Lane_str_opr	BOBJ1	176.6	Before	Left Exterior Girder	6.39	0.95	1	1	14.158504
Lane_str_opr	BOBJ1	176.6	Before	Interior Girder 1	6.39	0.95	1	1	14.413203

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelINonCompStrgth-Flx - Approach, Span 16-19									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Lane_str_opr	BOBJ1	176.6	Before	Interior Girder 2	6.39	0.95	1	1	14.002016
Lane_str_opr	BOBJ1	176.6	Before	Interior Girder 3	6.39	0.95	1	1	13.131603
Lane_str_opr	BOBJ1	176.6	Before	Interior Girder 4	6.39	0.95	1	1	13.131603
Lane_str_opr	BOBJ1	176.6	Before	Interior Girder 5	6.39	0.95	1	1	14.002016
Lane_str_opr	BOBJ1	176.6	Before	Interior Girder 6	6.39	0.95	1	1	14.413203
Lane_str_opr	BOBJ1	176.6	Before	Right Exterior Girder	6.39	0.95	1	1	14.158504
Lane_str_opr	BOBJ1	176.6	After	Left Exterior Girder	6.39	0.95	1	1	13.649652
Lane_str_opr	BOBJ1	176.6	After	Interior Girder 1	6.39	0.95	1	1	14.75016
Lane_str_opr	BOBJ1	176.6	After	Interior Girder 2	6.39	0.95	1	1	14.00598
Lane_str_opr	BOBJ1	176.6	After	Interior Girder 3	6.39	0.95	1	1	12.980976
Lane_str_opr	BOBJ1	176.6	After	Interior Girder 4	6.39	0.95	1	1	12.980976
Lane_str_opr	BOBJ1	176.6	After	Interior Girder 5	6.39	0.95	1	1	14.00598
Lane_str_opr	BOBJ1	176.6	After	Interior Girder 6	6.39	0.95	1	1	14.75016
Lane_str_opr	BOBJ1	176.6	After	Right Exterior Girder	6.39	0.95	1	1	13.649652
Lane_str_opr	BOBJ1	182.99	Before	Left Exterior Girder	12.78	0.95	1	1	25.924732
Lane_str_opr	BOBJ1	182.99	Before	Interior Girder 1	12.78	0.95	1	1	19.401414
Lane_str_opr	BOBJ1	182.99	Before	Interior Girder 2	12.78	0.95	1	1	18.854572
Lane_str_opr	BOBJ1	182.99	Before	Interior Girder 3	12.78	0.95	1	1	19.877682
Lane_str_opr	BOBJ1	182.99	Before	Interior Girder 4	12.78	0.95	1	1	19.877682
Lane_str_opr	BOBJ1	182.99	Before	Interior Girder 5	12.78	0.95	1	1	18.854572
Lane_str_opr	BOBJ1	182.99	Before	Interior Girder 6	12.78	0.95	1	1	19.401414
Lane_str_opr	BOBJ1	182.99	Before	Right Exterior Girder	12.78	0.95	1	1	25.924732
Lane_str_opr	BOBJ1	182.99	After	Left Exterior Girder	12.78	0.95	1	1	25.469562
Lane_str_opr	BOBJ1	182.99	After	Interior Girder 1	12.78	0.95	1	1	19.508361
Lane_str_opr	BOBJ1	182.99	After	Interior Girder 2	12.78	0.95	1	1	19.029777
Lane_str_opr	BOBJ1	182.99	After	Interior Girder 3	12.78	0.95	1	1	20.511755
Lane_str_opr	BOBJ1	182.99	After	Interior Girder 4	12.78	0.95	1	1	20.511755
Lane_str_opr	BOBJ1	182.99	After	Interior Girder 5	12.78	0.95	1	1	19.029777
Lane_str_opr	BOBJ1	182.99	After	Interior Girder 6	12.78	0.95	1	1	19.508361
Lane_str_opr	BOBJ1	182.99	After	Right Exterior Girder	12.78	0.95	1	1	25.469562
Lane_str_opr	BOBJ1	189.38	Before	Left Exterior Girder	19.17	0.95	1	1	12.937678
Lane_str_opr	BOBJ1	189.38	Before	Interior Girder 1	19.17	0.95	1	1	11.679669
Lane_str_opr	BOBJ1	189.38	Before	Interior Girder 2	19.17	0.95	1	1	10.986905
Lane_str_opr	BOBJ1	189.38	Before	Interior Girder 3	19.17	0.95	1	1	11.183942
Lane_str_opr	BOBJ1	189.38	Before	Interior Girder 4	19.17	0.95	1	1	11.183942
Lane_str_opr	BOBJ1	189.38	Before	Interior Girder 5	19.17	0.95	1	1	10.986905
Lane_str_opr	BOBJ1	189.38	Before	Interior Girder 6	19.17	0.95	1	1	11.679669
Lane_str_opr	BOBJ1	189.38	Before	Right Exterior Girder	19.17	0.95	1	1	12.937678
Lane_str_opr	BOBJ1	189.38	After	Left Exterior Girder	19.17	0.95	1	1	13.073164
Lane_str_opr	BOBJ1	189.38	After	Interior Girder 1	19.17	0.95	1	1	11.518899
Lane_str_opr	BOBJ1	189.38	After	Interior Girder 2	19.17	0.95	1	1	10.999914
Lane_str_opr	BOBJ1	189.38	After	Interior Girder 3	19.17	0.95	1	1	11.253508
Lane_str_opr	BOBJ1	189.38	After	Interior Girder 4	19.17	0.95	1	1	11.253508
Lane_str_opr	BOBJ1	189.38	After	Interior Girder 5	19.17	0.95	1	1	10.999914
Lane_str_opr	BOBJ1	189.38	After	Interior Girder 6	19.17	0.95	1	1	11.518899
Lane_str_opr	BOBJ1	189.38	After	Right Exterior Girder	19.17	0.95	1	1	13.073164
Lane_str_opr	BOBJ1	195.77	Before	Left Exterior Girder	25.56	0.95	1	1	10.191162
Lane_str_opr	BOBJ1	195.77	Before	Interior Girder 1	25.56	0.95	1	1	8.133805
Lane_str_opr	BOBJ1	195.77	Before	Interior Girder 2	25.56	0.95	1	1	7.999368
Lane_str_opr	BOBJ1	195.77	Before	Interior Girder 3	25.56	0.95	1	1	8.08777
Lane_str_opr	BOBJ1	195.77	Before	Interior Girder 4	25.56	0.95	1	1	8.08777
Lane_str_opr	BOBJ1	195.77	Before	Interior Girder 5	25.56	0.95	1	1	7.999368
Lane_str_opr	BOBJ1	195.77	Before	Interior Girder 6	25.56	0.95	1	1	8.133805
Lane_str_opr	BOBJ1	195.77	Before	Right Exterior Girder	25.56	0.95	1	1	10.191162
Lane_str_opr	BOBJ1	195.77	After	Left Exterior Girder	25.56	0.95	1	1	10.356612
Lane_str_opr	BOBJ1	195.77	After	Interior Girder 1	25.56	0.95	1	1	8.035383
Lane_str_opr	BOBJ1	195.77	After	Interior Girder 2	25.56	0.95	1	1	7.960818
Lane_str_opr	BOBJ1	195.77	After	Interior Girder 3	25.56	0.95	1	1	8.110017
Lane_str_opr	BOBJ1	195.77	After	Interior Girder 4	25.56	0.95	1	1	8.110017
Lane_str_opr	BOBJ1	195.77	After	Interior Girder 5	25.56	0.95	1	1	7.960818
Lane_str_opr	BOBJ1	195.77	After	Interior Girder 6	25.56	0.95	1	1	8.035383
Lane_str_opr	BOBJ1	195.77	After	Right Exterior Girder	25.56	0.95	1	1	10.356612
Lane_str_opr	BOBJ1	202.16	Before	Left Exterior Girder	31.95	0.95	1	1	9.191761
Lane_str_opr	BOBJ1	202.16	Before	Interior Girder 1	31.95	0.95	1	1	7.189899
Lane_str_opr	BOBJ1	202.16	Before	Interior Girder 2	31.95	0.95	1	1	7.16246

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelINonCompStrgth-Flx - Approach, Span 16-19									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Lane_str_opr	BOBJ1	202.16	Before	Interior Girder 3	31.95	0.95	1	1	7.270101
Lane_str_opr	BOBJ1	202.16	Before	Interior Girder 4	31.95	0.95	1	1	7.270101
Lane_str_opr	BOBJ1	202.16	Before	Interior Girder 5	31.95	0.95	1	1	7.16246
Lane_str_opr	BOBJ1	202.16	Before	Interior Girder 6	31.95	0.95	1	1	7.189899
Lane_str_opr	BOBJ1	202.16	Before	Right Exterior Girder	31.95	0.95	1	1	9.191761
Lane_str_opr	BOBJ1	202.16	After	Left Exterior Girder	31.95	0.95	1	1	9.08472
Lane_str_opr	BOBJ1	202.16	After	Interior Girder 1	31.95	0.95	1	1	7.243278
Lane_str_opr	BOBJ1	202.16	After	Interior Girder 2	31.95	0.95	1	1	7.189688
Lane_str_opr	BOBJ1	202.16	After	Interior Girder 3	31.95	0.95	1	1	7.295215
Lane_str_opr	BOBJ1	202.16	After	Interior Girder 4	31.95	0.95	1	1	7.295215
Lane_str_opr	BOBJ1	202.16	After	Interior Girder 5	31.95	0.95	1	1	7.189688
Lane_str_opr	BOBJ1	202.16	After	Interior Girder 6	31.95	0.95	1	1	7.243278
Lane_str_opr	BOBJ1	202.16	After	Right Exterior Girder	31.95	0.95	1	1	9.08472
Lane_str_opr	BOBJ1	208.55	Before	Left Exterior Girder	38.34	0.95	1	1	9.229116
Lane_str_opr	BOBJ1	208.55	Before	Interior Girder 1	38.34	0.95	1	1	8.039082
Lane_str_opr	BOBJ1	208.55	Before	Interior Girder 2	38.34	0.95	1	1	7.833073
Lane_str_opr	BOBJ1	208.55	Before	Interior Girder 3	38.34	0.95	1	1	8.012445
Lane_str_opr	BOBJ1	208.55	Before	Interior Girder 4	38.34	0.95	1	1	8.012445
Lane_str_opr	BOBJ1	208.55	Before	Interior Girder 5	38.34	0.95	1	1	7.833073
Lane_str_opr	BOBJ1	208.55	Before	Interior Girder 6	38.34	0.95	1	1	8.039082
Lane_str_opr	BOBJ1	208.55	Before	Right Exterior Girder	38.34	0.95	1	1	9.229116
Lane_str_opr	BOBJ1	208.55	After	Left Exterior Girder	38.34	0.95	1	1	9.141164
Lane_str_opr	BOBJ1	208.55	After	Interior Girder 1	38.34	0.95	1	1	8.103969
Lane_str_opr	BOBJ1	208.55	After	Interior Girder 2	38.34	0.95	1	1	7.821505
Lane_str_opr	BOBJ1	208.55	After	Interior Girder 3	38.34	0.95	1	1	7.943681
Lane_str_opr	BOBJ1	208.55	After	Interior Girder 4	38.34	0.95	1	1	7.943681
Lane_str_opr	BOBJ1	208.55	After	Interior Girder 5	38.34	0.95	1	1	7.821505
Lane_str_opr	BOBJ1	208.55	After	Interior Girder 6	38.34	0.95	1	1	8.103969
Lane_str_opr	BOBJ1	208.55	After	Right Exterior Girder	38.34	0.95	1	1	9.141164
Lane_str_opr	BOBJ1	215.1233	Before	Left Exterior Girder	44.9133	0.95	1	1	13.555463
Lane_str_opr	BOBJ1	215.1233	Before	Interior Girder 1	44.9133	0.95	1	1	10.102162
Lane_str_opr	BOBJ1	215.1233	Before	Interior Girder 2	44.9133	0.95	1	1	10.160472
Lane_str_opr	BOBJ1	215.1233	Before	Interior Girder 3	44.9133	0.95	1	1	10.223642
Lane_str_opr	BOBJ1	215.1233	Before	Interior Girder 4	44.9133	0.95	1	1	10.223642
Lane_str_opr	BOBJ1	215.1233	Before	Interior Girder 5	44.9133	0.95	1	1	10.160472
Lane_str_opr	BOBJ1	215.1233	Before	Interior Girder 6	44.9133	0.95	1	1	10.102162
Lane_str_opr	BOBJ1	215.1233	Before	Right Exterior Girder	44.9133	0.95	1	1	13.555463
Lane_str_opr	BOBJ1	215.1233	After	Left Exterior Girder	44.9133	0.95	1	1	13.582631
Lane_str_opr	BOBJ1	215.1233	After	Interior Girder 1	44.9133	0.95	1	1	10.142892
Lane_str_opr	BOBJ1	215.1233	After	Interior Girder 2	44.9133	0.95	1	1	10.046172
Lane_str_opr	BOBJ1	215.1233	After	Interior Girder 3	44.9133	0.95	1	1	9.979871
Lane_str_opr	BOBJ1	215.1233	After	Interior Girder 4	44.9133	0.95	1	1	9.979871
Lane_str_opr	BOBJ1	215.1233	After	Interior Girder 5	44.9133	0.95	1	1	10.046172
Lane_str_opr	BOBJ1	215.1233	After	Interior Girder 6	44.9133	0.95	1	1	10.142892
Lane_str_opr	BOBJ1	215.1233	After	Right Exterior Girder	44.9133	0.95	1	1	13.582631
Lane_str_opr	BOBJ1	221.6967	Before	Left Exterior Girder	51.4867	0.95	1	1	29.202126
Lane_str_opr	BOBJ1	221.6967	Before	Interior Girder 1	51.4867	0.95	1	1	18.316684
Lane_str_opr	BOBJ1	221.6967	Before	Interior Girder 2	51.4867	0.95	1	1	18.861418
Lane_str_opr	BOBJ1	221.6967	Before	Interior Girder 3	51.4867	0.95	1	1	18.714218
Lane_str_opr	BOBJ1	221.6967	Before	Interior Girder 4	51.4867	0.95	1	1	18.714218
Lane_str_opr	BOBJ1	221.6967	Before	Interior Girder 5	51.4867	0.95	1	1	18.861418
Lane_str_opr	BOBJ1	221.6967	Before	Interior Girder 6	51.4867	0.95	1	1	18.316684
Lane_str_opr	BOBJ1	221.6967	Before	Right Exterior Girder	51.4867	0.95	1	1	29.202126
Lane_str_opr	BOBJ1	221.6967	After	Left Exterior Girder	51.4867	0.95	1	1	28.982688
Lane_str_opr	BOBJ1	221.6967	After	Interior Girder 1	51.4867	0.95	1	1	18.588575
Lane_str_opr	BOBJ1	221.6967	After	Interior Girder 2	51.4867	0.95	1	1	18.695201
Lane_str_opr	BOBJ1	221.6967	After	Interior Girder 3	51.4867	0.95	1	1	18.146523
Lane_str_opr	BOBJ1	221.6967	After	Interior Girder 4	51.4867	0.95	1	1	18.146523
Lane_str_opr	BOBJ1	221.6967	After	Interior Girder 5	51.4867	0.95	1	1	18.695201
Lane_str_opr	BOBJ1	221.6967	After	Interior Girder 6	51.4867	0.95	1	1	18.588575
Lane_str_opr	BOBJ1	221.6967	After	Right Exterior Girder	51.4867	0.95	1	1	28.982688
Lane_str_opr	BOBJ1	228.27	Before	Left Exterior Girder	58.06	0.95	1	1	2002.953176
Lane_str_opr	BOBJ1	228.27	Before	Interior Girder 1	58.06	0.95	1	1	1637.76119
Lane_str_opr	BOBJ1	228.27	Before	Interior Girder 2	58.06	0.95	1	1	1591.599166
Lane_str_opr	BOBJ1	228.27	Before	Interior Girder 3	58.06	0.95	1	1	1142.296851

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelINonCompStrgth-Flx - Approach, Span 16-19									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Lane_str_opr	BOBJ1	228.27	Before	Interior Girder 4	58.06	0.95	1	1	1142.296841
Lane_str_opr	BOBJ1	228.27	Before	Interior Girder 5	58.06	0.95	1	1	1591.599162
Lane_str_opr	BOBJ1	228.27	Before	Interior Girder 6	58.06	0.95	1	1	1637.761189
Lane_str_opr	BOBJ1	228.27	Before	Right Exterior Girder	58.06	0.95	1	1	2002.953177
Lane_str_inv	BOBJ1	0	After	Left Exterior Girder	0	0.95	1	1	1614.208879
Lane_str_inv	BOBJ1	0	After	Interior Girder 1	0	0.95	1	1	1356.244623
Lane_str_inv	BOBJ1	0	After	Interior Girder 2	0	0.95	1	1	1391.162532
Lane_str_inv	BOBJ1	0	After	Interior Girder 3	0	0.95	1	1	1189.165583
Lane_str_inv	BOBJ1	0	After	Interior Girder 4	0	0.95	1	1	1189.165586
Lane_str_inv	BOBJ1	0	After	Interior Girder 5	0	0.95	1	1	1391.16255
Lane_str_inv	BOBJ1	0	After	Interior Girder 6	0	0.95	1	1	1356.244623
Lane_str_inv	BOBJ1	0	After	Right Exterior Girder	0	0.95	1	1	1614.208879
Lane_str_inv	BOBJ1	5.3833	Before	Left Exterior Girder	5.3833	0.95	1	1	29.681985
Lane_str_inv	BOBJ1	5.3833	Before	Interior Girder 1	5.3833	0.95	1	1	17.761672
Lane_str_inv	BOBJ1	5.3833	Before	Interior Girder 2	5.3833	0.95	1	1	17.972366
Lane_str_inv	BOBJ1	5.3833	Before	Interior Girder 3	5.3833	0.95	1	1	17.172115
Lane_str_inv	BOBJ1	5.3833	Before	Interior Girder 4	5.3833	0.95	1	1	17.172115
Lane_str_inv	BOBJ1	5.3833	Before	Interior Girder 5	5.3833	0.95	1	1	17.972366
Lane_str_inv	BOBJ1	5.3833	Before	Interior Girder 6	5.3833	0.95	1	1	17.761672
Lane_str_inv	BOBJ1	5.3833	Before	Right Exterior Girder	5.3833	0.95	1	1	29.681985
Lane_str_inv	BOBJ1	5.3833	After	Left Exterior Girder	5.3833	0.95	1	1	29.462646
Lane_str_inv	BOBJ1	5.3833	After	Interior Girder 1	5.3833	0.95	1	1	17.762569
Lane_str_inv	BOBJ1	5.3833	After	Interior Girder 2	5.3833	0.95	1	1	18.178494
Lane_str_inv	BOBJ1	5.3833	After	Interior Girder 3	5.3833	0.95	1	1	17.647437
Lane_str_inv	BOBJ1	5.3833	After	Interior Girder 4	5.3833	0.95	1	1	17.647437
Lane_str_inv	BOBJ1	5.3833	After	Interior Girder 5	5.3833	0.95	1	1	18.178494
Lane_str_inv	BOBJ1	5.3833	After	Interior Girder 6	5.3833	0.95	1	1	17.762569
Lane_str_inv	BOBJ1	5.3833	After	Right Exterior Girder	5.3833	0.95	1	1	29.462646
Lane_str_inv	BOBJ1	10.7667	Before	Left Exterior Girder	10.7667	0.95	1	1	14.733003
Lane_str_inv	BOBJ1	10.7667	Before	Interior Girder 1	10.7667	0.95	1	1	10.333725
Lane_str_inv	BOBJ1	10.7667	Before	Interior Girder 2	10.7667	0.95	1	1	10.178937
Lane_str_inv	BOBJ1	10.7667	Before	Interior Girder 3	10.7667	0.95	1	1	9.901337
Lane_str_inv	BOBJ1	10.7667	Before	Interior Girder 4	10.7667	0.95	1	1	9.901337
Lane_str_inv	BOBJ1	10.7667	Before	Interior Girder 5	10.7667	0.95	1	1	10.178937
Lane_str_inv	BOBJ1	10.7667	Before	Interior Girder 6	10.7667	0.95	1	1	10.333725
Lane_str_inv	BOBJ1	10.7667	Before	Right Exterior Girder	10.7667	0.95	1	1	14.733003
Lane_str_inv	BOBJ1	10.7667	After	Left Exterior Girder	10.7667	0.95	1	1	14.518056
Lane_str_inv	BOBJ1	10.7667	After	Interior Girder 1	10.7667	0.95	1	1	10.367573
Lane_str_inv	BOBJ1	10.7667	After	Interior Girder 2	10.7667	0.95	1	1	10.288381
Lane_str_inv	BOBJ1	10.7667	After	Interior Girder 3	10.7667	0.95	1	1	10.090039
Lane_str_inv	BOBJ1	10.7667	After	Interior Girder 4	10.7667	0.95	1	1	10.090039
Lane_str_inv	BOBJ1	10.7667	After	Interior Girder 5	10.7667	0.95	1	1	10.288381
Lane_str_inv	BOBJ1	10.7667	After	Interior Girder 6	10.7667	0.95	1	1	10.367573
Lane_str_inv	BOBJ1	10.7667	After	Right Exterior Girder	10.7667	0.95	1	1	14.518056
Lane_str_inv	BOBJ1	16.15	Before	Left Exterior Girder	16.15	0.95	1	1	10.405771
Lane_str_inv	BOBJ1	16.15	Before	Interior Girder 1	16.15	0.95	1	1	8.690287
Lane_str_inv	BOBJ1	16.15	Before	Interior Girder 2	16.15	0.95	1	1	8.248365
Lane_str_inv	BOBJ1	16.15	Before	Interior Girder 3	16.15	0.95	1	1	8.149245
Lane_str_inv	BOBJ1	16.15	Before	Interior Girder 4	16.15	0.95	1	1	8.149245
Lane_str_inv	BOBJ1	16.15	Before	Interior Girder 5	16.15	0.95	1	1	8.248365
Lane_str_inv	BOBJ1	16.15	Before	Interior Girder 6	16.15	0.95	1	1	8.690287
Lane_str_inv	BOBJ1	16.15	Before	Right Exterior Girder	16.15	0.95	1	1	10.405771
Lane_str_inv	BOBJ1	16.15	After	Left Exterior Girder	16.15	0.95	1	1	10.440166
Lane_str_inv	BOBJ1	16.15	After	Interior Girder 1	16.15	0.95	1	1	8.651925
Lane_str_inv	BOBJ1	16.15	After	Interior Girder 2	16.15	0.95	1	1	8.266587
Lane_str_inv	BOBJ1	16.15	After	Interior Girder 3	16.15	0.95	1	1	8.205784
Lane_str_inv	BOBJ1	16.15	After	Interior Girder 4	16.15	0.95	1	1	8.205784
Lane_str_inv	BOBJ1	16.15	After	Interior Girder 5	16.15	0.95	1	1	8.266587
Lane_str_inv	BOBJ1	16.15	After	Interior Girder 6	16.15	0.95	1	1	8.651925
Lane_str_inv	BOBJ1	16.15	After	Right Exterior Girder	16.15	0.95	1	1	10.440166
Lane_str_inv	BOBJ1	22.1267	Before	Left Exterior Girder	22.1267	0.95	1	1	10.976119
Lane_str_inv	BOBJ1	22.1267	Before	Interior Girder 1	22.1267	0.95	1	1	8.089203
Lane_str_inv	BOBJ1	22.1267	Before	Interior Girder 2	22.1267	0.95	1	1	7.954961
Lane_str_inv	BOBJ1	22.1267	Before	Interior Girder 3	22.1267	0.95	1	1	7.868932
Lane_str_inv	BOBJ1	22.1267	Before	Interior Girder 4	22.1267	0.95	1	1	7.868932

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelINonCompStrgth-Flx - Approach, Span 16-19									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Lane_str_inv	BOBJ1	22.1267	Before	Interior Girder 5	22.1267	0.95	1	1	7.954961
Lane_str_inv	BOBJ1	22.1267	Before	Interior Girder 6	22.1267	0.95	1	1	8.089203
Lane_str_inv	BOBJ1	22.1267	Before	Right Exterior Girder	22.1267	0.95	1	1	10.976119
Lane_str_inv	BOBJ1	22.1267	After	Left Exterior Girder	22.1267	0.95	1	1	11.104403
Lane_str_inv	BOBJ1	22.1267	After	Interior Girder 1	22.1267	0.95	1	1	8.036113
Lane_str_inv	BOBJ1	22.1267	After	Interior Girder 2	22.1267	0.95	1	1	7.931243
Lane_str_inv	BOBJ1	22.1267	After	Interior Girder 3	22.1267	0.95	1	1	7.839352
Lane_str_inv	BOBJ1	22.1267	After	Interior Girder 4	22.1267	0.95	1	1	7.839352
Lane_str_inv	BOBJ1	22.1267	After	Interior Girder 5	22.1267	0.95	1	1	7.931243
Lane_str_inv	BOBJ1	22.1267	After	Interior Girder 6	22.1267	0.95	1	1	8.036113
Lane_str_inv	BOBJ1	22.1267	After	Right Exterior Girder	22.1267	0.95	1	1	11.104403
Lane_str_inv	BOBJ1	28.1033	Before	Left Exterior Girder	28.1033	0.95	1	1	13.589742
Lane_str_inv	BOBJ1	28.1033	Before	Interior Girder 1	28.1033	0.95	1	1	9.709019
Lane_str_inv	BOBJ1	28.1033	Before	Interior Girder 2	28.1033	0.95	1	1	9.563407
Lane_str_inv	BOBJ1	28.1033	Before	Interior Girder 3	28.1033	0.95	1	1	9.563556
Lane_str_inv	BOBJ1	28.1033	Before	Interior Girder 4	28.1033	0.95	1	1	9.563556
Lane_str_inv	BOBJ1	28.1033	Before	Interior Girder 5	28.1033	0.95	1	1	9.563407
Lane_str_inv	BOBJ1	28.1033	Before	Interior Girder 6	28.1033	0.95	1	1	9.709019
Lane_str_inv	BOBJ1	28.1033	Before	Right Exterior Girder	28.1033	0.95	1	1	13.589742
Lane_str_inv	BOBJ1	28.1033	After	Left Exterior Girder	28.1033	0.95	1	1	13.463863
Lane_str_inv	BOBJ1	28.1033	After	Interior Girder 1	28.1033	0.95	1	1	9.783995
Lane_str_inv	BOBJ1	28.1033	After	Interior Girder 2	28.1033	0.95	1	1	9.593776
Lane_str_inv	BOBJ1	28.1033	After	Interior Girder 3	28.1033	0.95	1	1	9.502119
Lane_str_inv	BOBJ1	28.1033	After	Interior Girder 4	28.1033	0.95	1	1	9.502119
Lane_str_inv	BOBJ1	28.1033	After	Interior Girder 5	28.1033	0.95	1	1	9.593776
Lane_str_inv	BOBJ1	28.1033	After	Interior Girder 6	28.1033	0.95	1	1	9.783995
Lane_str_inv	BOBJ1	28.1033	After	Right Exterior Girder	28.1033	0.95	1	1	13.463863
Lane_str_inv	BOBJ1	34.08	Before	Left Exterior Girder	34.08	0.95	1	1	11.453284
Lane_str_inv	BOBJ1	34.08	Before	Interior Girder 1	34.08	0.95	1	1	10.891643
Lane_str_inv	BOBJ1	34.08	Before	Interior Girder 2	34.08	0.95	1	1	10.572596
Lane_str_inv	BOBJ1	34.08	Before	Interior Girder 3	34.08	0.95	1	1	11.442869
Lane_str_inv	BOBJ1	34.08	Before	Interior Girder 4	34.08	0.95	1	1	11.442869
Lane_str_inv	BOBJ1	34.08	Before	Interior Girder 5	34.08	0.95	1	1	10.572596
Lane_str_inv	BOBJ1	34.08	Before	Interior Girder 6	34.08	0.95	1	1	10.891643
Lane_str_inv	BOBJ1	34.08	Before	Right Exterior Girder	34.08	0.95	1	1	11.453284
Lane_str_inv	BOBJ1	34.08	After	Left Exterior Girder	34.08	0.95	1	1	10.898312
Lane_str_inv	BOBJ1	34.08	After	Interior Girder 1	34.08	0.95	1	1	10.77473
Lane_str_inv	BOBJ1	34.08	After	Interior Girder 2	34.08	0.95	1	1	10.512439
Lane_str_inv	BOBJ1	34.08	After	Interior Girder 3	34.08	0.95	1	1	11.480933
Lane_str_inv	BOBJ1	34.08	After	Interior Girder 4	34.08	0.95	1	1	11.480933
Lane_str_inv	BOBJ1	34.08	After	Interior Girder 5	34.08	0.95	1	1	10.512439
Lane_str_inv	BOBJ1	34.08	After	Interior Girder 6	34.08	0.95	1	1	10.77473
Lane_str_inv	BOBJ1	34.08	After	Right Exterior Girder	34.08	0.95	1	1	10.898312
Lane_str_inv	BOBJ1	39.855	Before	Left Exterior Girder	39.855	0.95	1	1	6.662024
Lane_str_inv	BOBJ1	39.855	Before	Interior Girder 1	39.855	0.95	1	1	7.264491
Lane_str_inv	BOBJ1	39.855	Before	Interior Girder 2	39.855	0.95	1	1	7.142556
Lane_str_inv	BOBJ1	39.855	Before	Interior Girder 3	39.855	0.95	1	1	6.915924
Lane_str_inv	BOBJ1	39.855	Before	Interior Girder 4	39.855	0.95	1	1	6.915924
Lane_str_inv	BOBJ1	39.855	Before	Interior Girder 5	39.855	0.95	1	1	7.142556
Lane_str_inv	BOBJ1	39.855	Before	Interior Girder 6	39.855	0.95	1	1	7.264491
Lane_str_inv	BOBJ1	39.855	Before	Right Exterior Girder	39.855	0.95	1	1	6.662024
Lane_str_inv	BOBJ1	39.855	After	Left Exterior Girder	39.855	0.95	1	1	6.836505
Lane_str_inv	BOBJ1	39.855	After	Interior Girder 1	39.855	0.95	1	1	7.187962
Lane_str_inv	BOBJ1	39.855	After	Interior Girder 2	39.855	0.95	1	1	7.16734
Lane_str_inv	BOBJ1	39.855	After	Interior Girder 3	39.855	0.95	1	1	6.978645
Lane_str_inv	BOBJ1	39.855	After	Interior Girder 4	39.855	0.95	1	1	6.978645
Lane_str_inv	BOBJ1	39.855	After	Interior Girder 5	39.855	0.95	1	1	7.16734
Lane_str_inv	BOBJ1	39.855	After	Interior Girder 6	39.855	0.95	1	1	7.187962
Lane_str_inv	BOBJ1	39.855	After	Right Exterior Girder	39.855	0.95	1	1	6.836505
Lane_str_inv	BOBJ1	40.0288	Before	Left Exterior Girder	40.0288	0.95	1	1	6.642274
Lane_str_inv	BOBJ1	40.0288	Before	Right Exterior Girder	40.0288	0.95	1	1	6.642274
Lane_str_inv	BOBJ1	40.0288	After	Left Exterior Girder	40.0288	0.95	1	1	9.89905
Lane_str_inv	BOBJ1	40.0288	After	Right Exterior Girder	40.0288	0.95	1	1	9.89905
Lane_str_inv	BOBJ1	45.63	Before	Left Exterior Girder	45.63	0.95	1	1	4.932931
Lane_str_inv	BOBJ1	45.63	Before	Interior Girder 1	45.63	0.95	1	1	3.589776

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelINonCompStrgth-Flx - Approach, Span 16-19									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Lane_str_inv	BOBJ1	45.63	Before	Interior Girder 2	45.63	0.95	1	1	3.715785
Lane_str_inv	BOBJ1	45.63	Before	Interior Girder 3	45.63	0.95	1	1	3.069776
Lane_str_inv	BOBJ1	45.63	Before	Interior Girder 4	45.63	0.95	1	1	3.069776
Lane_str_inv	BOBJ1	45.63	Before	Interior Girder 5	45.63	0.95	1	1	3.715785
Lane_str_inv	BOBJ1	45.63	Before	Interior Girder 6	45.63	0.95	1	1	3.589776
Lane_str_inv	BOBJ1	45.63	Before	Right Exterior Girder	45.63	0.95	1	1	4.932931
Lane_str_inv	BOBJ1	45.63	After	Left Exterior Girder	0	0.95	1	1	4.855712
Lane_str_inv	BOBJ1	45.63	After	Interior Girder 1	0	0.95	1	1	3.562015
Lane_str_inv	BOBJ1	45.63	After	Interior Girder 2	0	0.95	1	1	3.694705
Lane_str_inv	BOBJ1	45.63	After	Interior Girder 3	0	0.95	1	1	3.016672
Lane_str_inv	BOBJ1	45.63	After	Interior Girder 4	0	0.95	1	1	3.016672
Lane_str_inv	BOBJ1	45.63	After	Interior Girder 5	0	0.95	1	1	3.694705
Lane_str_inv	BOBJ1	45.63	After	Interior Girder 6	0	0.95	1	1	3.562015
Lane_str_inv	BOBJ1	45.63	After	Right Exterior Girder	0	0.95	1	1	4.855712
Lane_str_inv	BOBJ1	50.6298	Before	Left Exterior Girder	4.9998	0.95	1	1	11.652643
Lane_str_inv	BOBJ1	50.6298	Before	Right Exterior Girder	4.9998	0.95	1	1	11.652643
Lane_str_inv	BOBJ1	50.6298	After	Left Exterior Girder	4.9998	0.95	1	1	7.52216
Lane_str_inv	BOBJ1	50.6298	After	Right Exterior Girder	4.9998	0.95	1	1	7.52216
Lane_str_inv	BOBJ1	51.4	Before	Left Exterior Girder	5.77	0.95	1	1	9.38252
Lane_str_inv	BOBJ1	51.4	Before	Interior Girder 1	5.77	0.95	1	1	8.575917
Lane_str_inv	BOBJ1	51.4	Before	Interior Girder 2	5.77	0.95	1	1	8.569868
Lane_str_inv	BOBJ1	51.4	Before	Interior Girder 3	5.77	0.95	1	1	8.026983
Lane_str_inv	BOBJ1	51.4	Before	Interior Girder 4	5.77	0.95	1	1	8.026983
Lane_str_inv	BOBJ1	51.4	Before	Interior Girder 5	5.77	0.95	1	1	8.569868
Lane_str_inv	BOBJ1	51.4	Before	Interior Girder 6	5.77	0.95	1	1	8.575917
Lane_str_inv	BOBJ1	51.4	Before	Right Exterior Girder	5.77	0.95	1	1	9.38252
Lane_str_inv	BOBJ1	51.4	After	Left Exterior Girder	5.77	0.95	1	1	9.079497
Lane_str_inv	BOBJ1	51.4	After	Interior Girder 1	5.77	0.95	1	1	8.785855
Lane_str_inv	BOBJ1	51.4	After	Interior Girder 2	5.77	0.95	1	1	8.593142
Lane_str_inv	BOBJ1	51.4	After	Interior Girder 3	5.77	0.95	1	1	7.939913
Lane_str_inv	BOBJ1	51.4	After	Interior Girder 4	5.77	0.95	1	1	7.939913
Lane_str_inv	BOBJ1	51.4	After	Interior Girder 5	5.77	0.95	1	1	8.593142
Lane_str_inv	BOBJ1	51.4	After	Interior Girder 6	5.77	0.95	1	1	8.785855
Lane_str_inv	BOBJ1	51.4	After	Right Exterior Girder	5.77	0.95	1	1	9.079497
Lane_str_inv	BOBJ1	57.17	Before	Left Exterior Girder	11.54	0.95	1	1	26.153214
Lane_str_inv	BOBJ1	57.17	Before	Interior Girder 1	11.54	0.95	1	1	19.626559
Lane_str_inv	BOBJ1	57.17	Before	Interior Girder 2	11.54	0.95	1	1	18.360353
Lane_str_inv	BOBJ1	57.17	Before	Interior Girder 3	11.54	0.95	1	1	19.754423
Lane_str_inv	BOBJ1	57.17	Before	Interior Girder 4	11.54	0.95	1	1	19.754423
Lane_str_inv	BOBJ1	57.17	Before	Interior Girder 5	11.54	0.95	1	1	18.360353
Lane_str_inv	BOBJ1	57.17	Before	Interior Girder 6	11.54	0.95	1	1	19.626559
Lane_str_inv	BOBJ1	57.17	Before	Right Exterior Girder	11.54	0.95	1	1	26.153214
Lane_str_inv	BOBJ1	57.17	After	Left Exterior Girder	11.54	0.95	1	1	26.559453
Lane_str_inv	BOBJ1	57.17	After	Interior Girder 1	11.54	0.95	1	1	20.105752
Lane_str_inv	BOBJ1	57.17	After	Interior Girder 2	11.54	0.95	1	1	18.432701
Lane_str_inv	BOBJ1	57.17	After	Interior Girder 3	11.54	0.95	1	1	19.400508
Lane_str_inv	BOBJ1	57.17	After	Interior Girder 4	11.54	0.95	1	1	19.400508
Lane_str_inv	BOBJ1	57.17	After	Interior Girder 5	11.54	0.95	1	1	18.432701
Lane_str_inv	BOBJ1	57.17	After	Interior Girder 6	11.54	0.95	1	1	20.105752
Lane_str_inv	BOBJ1	57.17	After	Right Exterior Girder	11.54	0.95	1	1	26.559453
Lane_str_inv	BOBJ1	63.34	Before	Left Exterior Girder	17.71	0.95	1	1	12.660868
Lane_str_inv	BOBJ1	63.34	Before	Interior Girder 1	17.71	0.95	1	1	10.079901
Lane_str_inv	BOBJ1	63.34	Before	Interior Girder 2	17.71	0.95	1	1	9.820968
Lane_str_inv	BOBJ1	63.34	Before	Interior Girder 3	17.71	0.95	1	1	9.740734
Lane_str_inv	BOBJ1	63.34	Before	Interior Girder 4	17.71	0.95	1	1	9.740734
Lane_str_inv	BOBJ1	63.34	Before	Interior Girder 5	17.71	0.95	1	1	9.820968
Lane_str_inv	BOBJ1	63.34	Before	Interior Girder 6	17.71	0.95	1	1	10.079901
Lane_str_inv	BOBJ1	63.34	Before	Right Exterior Girder	17.71	0.95	1	1	12.660868
Lane_str_inv	BOBJ1	63.34	After	Left Exterior Girder	17.71	0.95	1	1	13.145262
Lane_str_inv	BOBJ1	63.34	After	Interior Girder 1	17.71	0.95	1	1	9.846657
Lane_str_inv	BOBJ1	63.34	After	Interior Girder 2	17.71	0.95	1	1	9.767166
Lane_str_inv	BOBJ1	63.34	After	Interior Girder 3	17.71	0.95	1	1	9.914054
Lane_str_inv	BOBJ1	63.34	After	Interior Girder 4	17.71	0.95	1	1	9.914054
Lane_str_inv	BOBJ1	63.34	After	Interior Girder 5	17.71	0.95	1	1	9.767166
Lane_str_inv	BOBJ1	63.34	After	Interior Girder 6	17.71	0.95	1	1	9.846657

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelINonCompStrgth-Flx - Approach, Span 16-19									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Lane_str_inv	BOBJ1	63.34	After	Right Exterior Girder	17.71	0.95	1	1	13.145262
Lane_str_inv	BOBJ1	69.51	Before	Left Exterior Girder	23.88	0.95	1	1	7.206892
Lane_str_inv	BOBJ1	69.51	Before	Interior Girder 1	23.88	0.95	1	1	6.215323
Lane_str_inv	BOBJ1	69.51	Before	Interior Girder 2	23.88	0.95	1	1	6.155123
Lane_str_inv	BOBJ1	69.51	Before	Interior Girder 3	23.88	0.95	1	1	6.234314
Lane_str_inv	BOBJ1	69.51	Before	Interior Girder 4	23.88	0.95	1	1	6.234314
Lane_str_inv	BOBJ1	69.51	Before	Interior Girder 5	23.88	0.95	1	1	6.155123
Lane_str_inv	BOBJ1	69.51	Before	Interior Girder 6	23.88	0.95	1	1	6.215323
Lane_str_inv	BOBJ1	69.51	Before	Right Exterior Girder	23.88	0.95	1	1	7.206892
Lane_str_inv	BOBJ1	69.51	After	Left Exterior Girder	23.88	0.95	1	1	7.239632
Lane_str_inv	BOBJ1	69.51	After	Interior Girder 1	23.88	0.95	1	1	6.202557
Lane_str_inv	BOBJ1	69.51	After	Interior Girder 2	23.88	0.95	1	1	6.186136
Lane_str_inv	BOBJ1	69.51	After	Interior Girder 3	23.88	0.95	1	1	6.335664
Lane_str_inv	BOBJ1	69.51	After	Interior Girder 4	23.88	0.95	1	1	6.335664
Lane_str_inv	BOBJ1	69.51	After	Interior Girder 5	23.88	0.95	1	1	6.186136
Lane_str_inv	BOBJ1	69.51	After	Interior Girder 6	23.88	0.95	1	1	6.202557
Lane_str_inv	BOBJ1	69.51	After	Right Exterior Girder	23.88	0.95	1	1	7.239632
Lane_str_inv	BOBJ1	75.68	Before	Left Exterior Girder	30.05	0.95	1	1	5.163253
Lane_str_inv	BOBJ1	75.68	Before	Interior Girder 1	30.05	0.95	1	1	5.146261
Lane_str_inv	BOBJ1	75.68	Before	Interior Girder 2	30.05	0.95	1	1	5.095389
Lane_str_inv	BOBJ1	75.68	Before	Interior Girder 3	30.05	0.95	1	1	5.188776
Lane_str_inv	BOBJ1	75.68	Before	Interior Girder 4	30.05	0.95	1	1	5.188776
Lane_str_inv	BOBJ1	75.68	Before	Interior Girder 5	30.05	0.95	1	1	5.095389
Lane_str_inv	BOBJ1	75.68	Before	Interior Girder 6	30.05	0.95	1	1	5.146261
Lane_str_inv	BOBJ1	75.68	Before	Right Exterior Girder	30.05	0.95	1	1	5.163253
Lane_str_inv	BOBJ1	75.68	After	Left Exterior Girder	30.05	0.95	1	1	5.202781
Lane_str_inv	BOBJ1	75.68	After	Interior Girder 1	30.05	0.95	1	1	5.118838
Lane_str_inv	BOBJ1	75.68	After	Interior Girder 2	30.05	0.95	1	1	5.092768
Lane_str_inv	BOBJ1	75.68	After	Interior Girder 3	30.05	0.95	1	1	5.191409
Lane_str_inv	BOBJ1	75.68	After	Interior Girder 4	30.05	0.95	1	1	5.191409
Lane_str_inv	BOBJ1	75.68	After	Interior Girder 5	30.05	0.95	1	1	5.092768
Lane_str_inv	BOBJ1	75.68	After	Interior Girder 6	30.05	0.95	1	1	5.118838
Lane_str_inv	BOBJ1	75.68	After	Right Exterior Girder	30.05	0.95	1	1	5.202781
Lane_str_inv	BOBJ1	81.8467	Before	Left Exterior Girder	36.2167	0.95	1	1	5.33276
Lane_str_inv	BOBJ1	81.8467	Before	Interior Girder 1	36.2167	0.95	1	1	4.812099
Lane_str_inv	BOBJ1	81.8467	Before	Interior Girder 2	36.2167	0.95	1	1	4.829578
Lane_str_inv	BOBJ1	81.8467	Before	Interior Girder 3	36.2167	0.95	1	1	4.962439
Lane_str_inv	BOBJ1	81.8467	Before	Interior Girder 4	36.2167	0.95	1	1	4.962439
Lane_str_inv	BOBJ1	81.8467	Before	Interior Girder 5	36.2167	0.95	1	1	4.829578
Lane_str_inv	BOBJ1	81.8467	Before	Interior Girder 6	36.2167	0.95	1	1	4.812099
Lane_str_inv	BOBJ1	81.8467	Before	Right Exterior Girder	36.2167	0.95	1	1	5.33276
Lane_str_inv	BOBJ1	81.8467	After	Left Exterior Girder	36.2167	0.95	1	1	5.370198
Lane_str_inv	BOBJ1	81.8467	After	Interior Girder 1	36.2167	0.95	1	1	4.787883
Lane_str_inv	BOBJ1	81.8467	After	Interior Girder 2	36.2167	0.95	1	1	4.80849
Lane_str_inv	BOBJ1	81.8467	After	Interior Girder 3	36.2167	0.95	1	1	4.925814
Lane_str_inv	BOBJ1	81.8467	After	Interior Girder 4	36.2167	0.95	1	1	4.925814
Lane_str_inv	BOBJ1	81.8467	After	Interior Girder 5	36.2167	0.95	1	1	4.80849
Lane_str_inv	BOBJ1	81.8467	After	Interior Girder 6	36.2167	0.95	1	1	4.787883
Lane_str_inv	BOBJ1	81.8467	After	Right Exterior Girder	36.2167	0.95	1	1	5.370198
Lane_str_inv	BOBJ1	88.0133	Before	Left Exterior Girder	42.3833	0.95	1	1	6.445594
Lane_str_inv	BOBJ1	88.0133	Before	Interior Girder 1	42.3833	0.95	1	1	5.555708
Lane_str_inv	BOBJ1	88.0133	Before	Interior Girder 2	42.3833	0.95	1	1	5.570526
Lane_str_inv	BOBJ1	88.0133	Before	Interior Girder 3	42.3833	0.95	1	1	5.712373
Lane_str_inv	BOBJ1	88.0133	Before	Interior Girder 4	42.3833	0.95	1	1	5.712373
Lane_str_inv	BOBJ1	88.0133	Before	Interior Girder 5	42.3833	0.95	1	1	5.570526
Lane_str_inv	BOBJ1	88.0133	Before	Interior Girder 6	42.3833	0.95	1	1	5.555708
Lane_str_inv	BOBJ1	88.0133	Before	Right Exterior Girder	42.3833	0.95	1	1	6.445594
Lane_str_inv	BOBJ1	88.0133	After	Left Exterior Girder	42.3833	0.95	1	1	6.304918
Lane_str_inv	BOBJ1	88.0133	After	Interior Girder 1	42.3833	0.95	1	1	5.637218
Lane_str_inv	BOBJ1	88.0133	After	Interior Girder 2	42.3833	0.95	1	1	5.602242
Lane_str_inv	BOBJ1	88.0133	After	Interior Girder 3	42.3833	0.95	1	1	5.686596
Lane_str_inv	BOBJ1	88.0133	After	Interior Girder 4	42.3833	0.95	1	1	5.686596
Lane_str_inv	BOBJ1	88.0133	After	Interior Girder 5	42.3833	0.95	1	1	5.602242
Lane_str_inv	BOBJ1	88.0133	After	Interior Girder 6	42.3833	0.95	1	1	5.637218
Lane_str_inv	BOBJ1	88.0133	After	Right Exterior Girder	42.3833	0.95	1	1	6.304918

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelINonCompStrgth-Flx - Approach, Span 16-19									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Lane_str_inv	BOBJ1	94.18	Before	Left Exterior Girder	48.55	0.95	1	1	8.854881
Lane_str_inv	BOBJ1	94.18	Before	Interior Girder 1	48.55	0.95	1	1	8.47508
Lane_str_inv	BOBJ1	94.18	Before	Interior Girder 2	48.55	0.95	1	1	8.226157
Lane_str_inv	BOBJ1	94.18	Before	Interior Girder 3	48.55	0.95	1	1	8.335305
Lane_str_inv	BOBJ1	94.18	Before	Interior Girder 4	48.55	0.95	1	1	8.335305
Lane_str_inv	BOBJ1	94.18	Before	Interior Girder 5	48.55	0.95	1	1	8.226157
Lane_str_inv	BOBJ1	94.18	Before	Interior Girder 6	48.55	0.95	1	1	8.47508
Lane_str_inv	BOBJ1	94.18	Before	Right Exterior Girder	48.55	0.95	1	1	8.854881
Lane_str_inv	BOBJ1	94.18	After	Left Exterior Girder	48.55	0.95	1	1	8.68534
Lane_str_inv	BOBJ1	94.18	After	Interior Girder 1	48.55	0.95	1	1	8.626823
Lane_str_inv	BOBJ1	94.18	After	Interior Girder 2	48.55	0.95	1	1	8.23626
Lane_str_inv	BOBJ1	94.18	After	Interior Girder 3	48.55	0.95	1	1	8.288663
Lane_str_inv	BOBJ1	94.18	After	Interior Girder 4	48.55	0.95	1	1	8.288663
Lane_str_inv	BOBJ1	94.18	After	Interior Girder 5	48.55	0.95	1	1	8.23626
Lane_str_inv	BOBJ1	94.18	After	Interior Girder 6	48.55	0.95	1	1	8.626823
Lane_str_inv	BOBJ1	94.18	After	Right Exterior Girder	48.55	0.95	1	1	8.68534
Lane_str_inv	BOBJ1	100.3567	Before	Left Exterior Girder	54.7267	0.95	1	1	17.849449
Lane_str_inv	BOBJ1	100.3567	Before	Interior Girder 1	54.7267	0.95	1	1	15.230282
Lane_str_inv	BOBJ1	100.3567	Before	Interior Girder 2	54.7267	0.95	1	1	14.807912
Lane_str_inv	BOBJ1	100.3567	Before	Interior Girder 3	54.7267	0.95	1	1	15.629189
Lane_str_inv	BOBJ1	100.3567	Before	Interior Girder 4	54.7267	0.95	1	1	15.629189
Lane_str_inv	BOBJ1	100.3567	Before	Interior Girder 5	54.7267	0.95	1	1	14.807912
Lane_str_inv	BOBJ1	100.3567	Before	Interior Girder 6	54.7267	0.95	1	1	15.230282
Lane_str_inv	BOBJ1	100.3567	Before	Right Exterior Girder	54.7267	0.95	1	1	17.849449
Lane_str_inv	BOBJ1	100.3567	After	Left Exterior Girder	54.7267	0.95	1	1	18.509042
Lane_str_inv	BOBJ1	100.3567	After	Interior Girder 1	54.7267	0.95	1	1	15.140214
Lane_str_inv	BOBJ1	100.3567	After	Interior Girder 2	54.7267	0.95	1	1	14.802307
Lane_str_inv	BOBJ1	100.3567	After	Interior Girder 3	54.7267	0.95	1	1	15.29197
Lane_str_inv	BOBJ1	100.3567	After	Interior Girder 4	54.7267	0.95	1	1	15.29197
Lane_str_inv	BOBJ1	100.3567	After	Interior Girder 5	54.7267	0.95	1	1	14.802307
Lane_str_inv	BOBJ1	100.3567	After	Interior Girder 6	54.7267	0.95	1	1	15.140214
Lane_str_inv	BOBJ1	100.3567	After	Right Exterior Girder	54.7267	0.95	1	1	18.509042
Lane_str_inv	BOBJ1	106.5333	Before	Left Exterior Girder	60.9033	0.95	1	1	7.433173
Lane_str_inv	BOBJ1	106.5333	Before	Interior Girder 1	60.9033	0.95	1	1	8.610124
Lane_str_inv	BOBJ1	106.5333	Before	Interior Girder 2	60.9033	0.95	1	1	8.247259
Lane_str_inv	BOBJ1	106.5333	Before	Interior Girder 3	60.9033	0.95	1	1	7.671518
Lane_str_inv	BOBJ1	106.5333	Before	Interior Girder 4	60.9033	0.95	1	1	7.671518
Lane_str_inv	BOBJ1	106.5333	Before	Interior Girder 5	60.9033	0.95	1	1	8.247259
Lane_str_inv	BOBJ1	106.5333	Before	Interior Girder 6	60.9033	0.95	1	1	8.610124
Lane_str_inv	BOBJ1	106.5333	Before	Right Exterior Girder	60.9033	0.95	1	1	7.433173
Lane_str_inv	BOBJ1	106.5333	After	Left Exterior Girder	60.9033	0.95	1	1	7.730592
Lane_str_inv	BOBJ1	106.5333	After	Interior Girder 1	60.9033	0.95	1	1	8.359848
Lane_str_inv	BOBJ1	106.5333	After	Interior Girder 2	60.9033	0.95	1	1	8.211964
Lane_str_inv	BOBJ1	106.5333	After	Interior Girder 3	60.9033	0.95	1	1	7.744011
Lane_str_inv	BOBJ1	106.5333	After	Interior Girder 4	60.9033	0.95	1	1	7.744011
Lane_str_inv	BOBJ1	106.5333	After	Interior Girder 5	60.9033	0.95	1	1	8.211964
Lane_str_inv	BOBJ1	106.5333	After	Interior Girder 6	60.9033	0.95	1	1	8.359848
Lane_str_inv	BOBJ1	106.5333	After	Right Exterior Girder	60.9033	0.95	1	1	7.730592
Lane_str_inv	BOBJ1	108.2102	Before	Left Exterior Girder	62.5802	0.95	1	1	5.309041
Lane_str_inv	BOBJ1	108.2102	Before	Right Exterior Girder	62.5802	0.95	1	1	5.309041
Lane_str_inv	BOBJ1	108.2102	After	Left Exterior Girder	62.5802	0.95	1	1	8.421131
Lane_str_inv	BOBJ1	108.2102	After	Right Exterior Girder	62.5802	0.95	1	1	8.421131
Lane_str_inv	BOBJ1	112.71	Before	Left Exterior Girder	67.08	0.95	1	1	3.972012
Lane_str_inv	BOBJ1	112.71	Before	Interior Girder 1	67.08	0.95	1	1	3.382824
Lane_str_inv	BOBJ1	112.71	Before	Interior Girder 2	67.08	0.95	1	1	3.463195
Lane_str_inv	BOBJ1	112.71	Before	Interior Girder 3	67.08	0.95	1	1	2.960002
Lane_str_inv	BOBJ1	112.71	Before	Interior Girder 4	67.08	0.95	1	1	2.960002
Lane_str_inv	BOBJ1	112.71	Before	Interior Girder 5	67.08	0.95	1	1	3.463195
Lane_str_inv	BOBJ1	112.71	Before	Interior Girder 6	67.08	0.95	1	1	3.382824
Lane_str_inv	BOBJ1	112.71	Before	Right Exterior Girder	67.08	0.95	1	1	3.972012
Lane_str_inv	BOBJ1	112.71	After	Left Exterior Girder	0	0.95	1	1	3.997897
Lane_str_inv	BOBJ1	112.71	After	Interior Girder 1	0	0.95	1	1	3.401611
Lane_str_inv	BOBJ1	112.71	After	Interior Girder 2	0	0.95	1	1	3.466904
Lane_str_inv	BOBJ1	112.71	After	Interior Girder 3	0	0.95	1	1	2.988342
Lane_str_inv	BOBJ1	112.71	After	Interior Girder 4	0	0.95	1	1	2.988342

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelINonCompStrgth-Flx - Approach, Span 16-19									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Lane_str_inv	BOBJ1	112.71	After	Interior Girder 5	0	0.95	1	1	3.466904
Lane_str_inv	BOBJ1	112.71	After	Interior Girder 6	0	0.95	1	1	3.401611
Lane_str_inv	BOBJ1	112.71	After	Right Exterior Girder	0	0.95	1	1	3.997897
Lane_str_inv	BOBJ1	117.21	Before	Left Exterior Girder	4.5	0.95	1	1	7.580347
Lane_str_inv	BOBJ1	117.21	Before	Right Exterior Girder	4.5	0.95	1	1	7.580347
Lane_str_inv	BOBJ1	117.21	After	Left Exterior Girder	4.5	0.95	1	1	4.758859
Lane_str_inv	BOBJ1	117.21	After	Right Exterior Girder	4.5	0.95	1	1	4.758859
Lane_str_inv	BOBJ1	119.1	Before	Left Exterior Girder	6.39	0.95	1	1	6.518551
Lane_str_inv	BOBJ1	119.1	Before	Interior Girder 1	6.39	0.95	1	1	7.517997
Lane_str_inv	BOBJ1	119.1	Before	Interior Girder 2	6.39	0.95	1	1	7.463037
Lane_str_inv	BOBJ1	119.1	Before	Interior Girder 3	6.39	0.95	1	1	7.220918
Lane_str_inv	BOBJ1	119.1	Before	Interior Girder 4	6.39	0.95	1	1	7.220918
Lane_str_inv	BOBJ1	119.1	Before	Interior Girder 5	6.39	0.95	1	1	7.463037
Lane_str_inv	BOBJ1	119.1	Before	Interior Girder 6	6.39	0.95	1	1	7.517997
Lane_str_inv	BOBJ1	119.1	Before	Right Exterior Girder	6.39	0.95	1	1	6.518551
Lane_str_inv	BOBJ1	119.1	After	Left Exterior Girder	6.39	0.95	1	1	6.291076
Lane_str_inv	BOBJ1	119.1	After	Interior Girder 1	6.39	0.95	1	1	7.70054
Lane_str_inv	BOBJ1	119.1	After	Interior Girder 2	6.39	0.95	1	1	7.453444
Lane_str_inv	BOBJ1	119.1	After	Interior Girder 3	6.39	0.95	1	1	7.145926
Lane_str_inv	BOBJ1	119.1	After	Interior Girder 4	6.39	0.95	1	1	7.145926
Lane_str_inv	BOBJ1	119.1	After	Interior Girder 5	6.39	0.95	1	1	7.453444
Lane_str_inv	BOBJ1	119.1	After	Interior Girder 6	6.39	0.95	1	1	7.70054
Lane_str_inv	BOBJ1	119.1	After	Right Exterior Girder	6.39	0.95	1	1	6.291076
Lane_str_inv	BOBJ1	125.49	Before	Left Exterior Girder	12.78	0.95	1	1	10.748809
Lane_str_inv	BOBJ1	125.49	Before	Interior Girder 1	12.78	0.95	1	1	11.696348
Lane_str_inv	BOBJ1	125.49	Before	Interior Girder 2	12.78	0.95	1	1	11.388136
Lane_str_inv	BOBJ1	125.49	Before	Interior Girder 3	12.78	0.95	1	1	12.208474
Lane_str_inv	BOBJ1	125.49	Before	Interior Girder 4	12.78	0.95	1	1	12.208474
Lane_str_inv	BOBJ1	125.49	Before	Interior Girder 5	12.78	0.95	1	1	11.388136
Lane_str_inv	BOBJ1	125.49	Before	Interior Girder 6	12.78	0.95	1	1	11.696348
Lane_str_inv	BOBJ1	125.49	Before	Right Exterior Girder	12.78	0.95	1	1	10.748809
Lane_str_inv	BOBJ1	125.49	After	Left Exterior Girder	12.78	0.95	1	1	10.617716
Lane_str_inv	BOBJ1	125.49	After	Interior Girder 1	12.78	0.95	1	1	11.782422
Lane_str_inv	BOBJ1	125.49	After	Interior Girder 2	12.78	0.95	1	1	11.453425
Lane_str_inv	BOBJ1	125.49	After	Interior Girder 3	12.78	0.95	1	1	12.16956
Lane_str_inv	BOBJ1	125.49	After	Interior Girder 4	12.78	0.95	1	1	12.16956
Lane_str_inv	BOBJ1	125.49	After	Interior Girder 5	12.78	0.95	1	1	11.453425
Lane_str_inv	BOBJ1	125.49	After	Interior Girder 6	12.78	0.95	1	1	11.782422
Lane_str_inv	BOBJ1	125.49	After	Right Exterior Girder	12.78	0.95	1	1	10.617716
Lane_str_inv	BOBJ1	131.88	Before	Left Exterior Girder	19.17	0.95	1	1	10.74266
Lane_str_inv	BOBJ1	131.88	Before	Interior Girder 1	19.17	0.95	1	1	10.2139
Lane_str_inv	BOBJ1	131.88	Before	Interior Girder 2	19.17	0.95	1	1	9.454428
Lane_str_inv	BOBJ1	131.88	Before	Interior Girder 3	19.17	0.95	1	1	9.413731
Lane_str_inv	BOBJ1	131.88	Before	Interior Girder 4	19.17	0.95	1	1	9.413731
Lane_str_inv	BOBJ1	131.88	Before	Interior Girder 5	19.17	0.95	1	1	9.454428
Lane_str_inv	BOBJ1	131.88	Before	Interior Girder 6	19.17	0.95	1	1	10.2139
Lane_str_inv	BOBJ1	131.88	Before	Right Exterior Girder	19.17	0.95	1	1	10.74266
Lane_str_inv	BOBJ1	131.88	After	Left Exterior Girder	19.17	0.95	1	1	10.80441
Lane_str_inv	BOBJ1	131.88	After	Interior Girder 1	19.17	0.95	1	1	10.156363
Lane_str_inv	BOBJ1	131.88	After	Interior Girder 2	19.17	0.95	1	1	9.46281
Lane_str_inv	BOBJ1	131.88	After	Interior Girder 3	19.17	0.95	1	1	9.540441
Lane_str_inv	BOBJ1	131.88	After	Interior Girder 4	19.17	0.95	1	1	9.540441
Lane_str_inv	BOBJ1	131.88	After	Interior Girder 5	19.17	0.95	1	1	9.46281
Lane_str_inv	BOBJ1	131.88	After	Interior Girder 6	19.17	0.95	1	1	10.156363
Lane_str_inv	BOBJ1	131.88	After	Right Exterior Girder	19.17	0.95	1	1	10.80441
Lane_str_inv	BOBJ1	138.27	Before	Left Exterior Girder	25.56	0.95	1	1	9.60184
Lane_str_inv	BOBJ1	138.27	Before	Interior Girder 1	25.56	0.95	1	1	7.800693
Lane_str_inv	BOBJ1	138.27	Before	Interior Girder 2	25.56	0.95	1	1	7.564181
Lane_str_inv	BOBJ1	138.27	Before	Interior Girder 3	25.56	0.95	1	1	7.469347
Lane_str_inv	BOBJ1	138.27	Before	Interior Girder 4	25.56	0.95	1	1	7.469347
Lane_str_inv	BOBJ1	138.27	Before	Interior Girder 5	25.56	0.95	1	1	7.564181
Lane_str_inv	BOBJ1	138.27	Before	Interior Girder 6	25.56	0.95	1	1	7.800693
Lane_str_inv	BOBJ1	138.27	Before	Right Exterior Girder	25.56	0.95	1	1	9.60184
Lane_str_inv	BOBJ1	138.27	After	Left Exterior Girder	25.56	0.95	1	1	9.72631
Lane_str_inv	BOBJ1	138.27	After	Interior Girder 1	25.56	0.95	1	1	7.732623

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelINonCompStrgth-Flx - Approach, Span 16-19									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Lane_str_inv	BOBJ1	138.27	After	Interior Girder 2	25.56	0.95	1	1	7.52853
Lane_str_inv	BOBJ1	138.27	After	Interior Girder 3	25.56	0.95	1	1	7.465571
Lane_str_inv	BOBJ1	138.27	After	Interior Girder 4	25.56	0.95	1	1	7.465571
Lane_str_inv	BOBJ1	138.27	After	Interior Girder 5	25.56	0.95	1	1	7.52853
Lane_str_inv	BOBJ1	138.27	After	Interior Girder 6	25.56	0.95	1	1	7.732623
Lane_str_inv	BOBJ1	138.27	After	Right Exterior Girder	25.56	0.95	1	1	9.72631
Lane_str_inv	BOBJ1	144.66	Before	Left Exterior Girder	31.95	0.95	1	1	10.143617
Lane_str_inv	BOBJ1	144.66	Before	Interior Girder 1	31.95	0.95	1	1	7.913127
Lane_str_inv	BOBJ1	144.66	Before	Interior Girder 2	31.95	0.95	1	1	7.706983
Lane_str_inv	BOBJ1	144.66	Before	Interior Girder 3	31.95	0.95	1	1	7.631153
Lane_str_inv	BOBJ1	144.66	Before	Interior Girder 4	31.95	0.95	1	1	7.631153
Lane_str_inv	BOBJ1	144.66	Before	Interior Girder 5	31.95	0.95	1	1	7.706983
Lane_str_inv	BOBJ1	144.66	Before	Interior Girder 6	31.95	0.95	1	1	7.913127
Lane_str_inv	BOBJ1	144.66	Before	Right Exterior Girder	31.95	0.95	1	1	10.143617
Lane_str_inv	BOBJ1	144.66	After	Left Exterior Girder	31.95	0.95	1	1	9.961358
Lane_str_inv	BOBJ1	144.66	After	Interior Girder 1	31.95	0.95	1	1	8.011176
Lane_str_inv	BOBJ1	144.66	After	Interior Girder 2	31.95	0.95	1	1	7.744287
Lane_str_inv	BOBJ1	144.66	After	Interior Girder 3	31.95	0.95	1	1	7.619442
Lane_str_inv	BOBJ1	144.66	After	Interior Girder 4	31.95	0.95	1	1	7.619442
Lane_str_inv	BOBJ1	144.66	After	Interior Girder 5	31.95	0.95	1	1	7.744287
Lane_str_inv	BOBJ1	144.66	After	Interior Girder 6	31.95	0.95	1	1	8.011176
Lane_str_inv	BOBJ1	144.66	After	Right Exterior Girder	31.95	0.95	1	1	9.961358
Lane_str_inv	BOBJ1	151.05	Before	Left Exterior Girder	38.34	0.95	1	1	12.273418
Lane_str_inv	BOBJ1	151.05	Before	Interior Girder 1	38.34	0.95	1	1	11.131151
Lane_str_inv	BOBJ1	151.05	Before	Interior Girder 2	38.34	0.95	1	1	10.301495
Lane_str_inv	BOBJ1	151.05	Before	Interior Girder 3	38.34	0.95	1	1	10.324535
Lane_str_inv	BOBJ1	151.05	Before	Interior Girder 4	38.34	0.95	1	1	10.324535
Lane_str_inv	BOBJ1	151.05	Before	Interior Girder 5	38.34	0.95	1	1	10.301495
Lane_str_inv	BOBJ1	151.05	Before	Interior Girder 6	38.34	0.95	1	1	11.131151
Lane_str_inv	BOBJ1	151.05	Before	Right Exterior Girder	38.34	0.95	1	1	12.273418
Lane_str_inv	BOBJ1	151.05	After	Left Exterior Girder	38.34	0.95	1	1	12.141674
Lane_str_inv	BOBJ1	151.05	After	Interior Girder 1	38.34	0.95	1	1	11.242366
Lane_str_inv	BOBJ1	151.05	After	Interior Girder 2	38.34	0.95	1	1	10.294486
Lane_str_inv	BOBJ1	151.05	After	Interior Girder 3	38.34	0.95	1	1	10.156742
Lane_str_inv	BOBJ1	151.05	After	Interior Girder 4	38.34	0.95	1	1	10.156742
Lane_str_inv	BOBJ1	151.05	After	Interior Girder 5	38.34	0.95	1	1	10.294486
Lane_str_inv	BOBJ1	151.05	After	Interior Girder 6	38.34	0.95	1	1	11.242366
Lane_str_inv	BOBJ1	151.05	After	Right Exterior Girder	38.34	0.95	1	1	12.141674
Lane_str_inv	BOBJ1	157.4367	Before	Left Exterior Girder	44.7267	0.95	1	1	12.205884
Lane_str_inv	BOBJ1	157.4367	Before	Interior Girder 1	44.7267	0.95	1	1	11.099064
Lane_str_inv	BOBJ1	157.4367	Before	Interior Girder 2	44.7267	0.95	1	1	10.549307
Lane_str_inv	BOBJ1	157.4367	Before	Interior Girder 3	44.7267	0.95	1	1	11.278424
Lane_str_inv	BOBJ1	157.4367	Before	Interior Girder 4	44.7267	0.95	1	1	11.278424
Lane_str_inv	BOBJ1	157.4367	Before	Interior Girder 5	44.7267	0.95	1	1	10.549307
Lane_str_inv	BOBJ1	157.4367	Before	Interior Girder 6	44.7267	0.95	1	1	11.099064
Lane_str_inv	BOBJ1	157.4367	Before	Right Exterior Girder	44.7267	0.95	1	1	12.205884
Lane_str_inv	BOBJ1	157.4367	After	Left Exterior Girder	44.7267	0.95	1	1	12.329732
Lane_str_inv	BOBJ1	157.4367	After	Interior Girder 1	44.7267	0.95	1	1	11.053601
Lane_str_inv	BOBJ1	157.4367	After	Interior Girder 2	44.7267	0.95	1	1	10.543622
Lane_str_inv	BOBJ1	157.4367	After	Interior Girder 3	44.7267	0.95	1	1	11.302939
Lane_str_inv	BOBJ1	157.4367	After	Interior Girder 4	44.7267	0.95	1	1	11.302939
Lane_str_inv	BOBJ1	157.4367	After	Interior Girder 5	44.7267	0.95	1	1	10.543622
Lane_str_inv	BOBJ1	157.4367	After	Interior Girder 6	44.7267	0.95	1	1	11.053601
Lane_str_inv	BOBJ1	157.4367	After	Right Exterior Girder	44.7267	0.95	1	1	12.329732
Lane_str_inv	BOBJ1	158.71	Before	Left Exterior Girder	46	0.95	1	1	11.418072
Lane_str_inv	BOBJ1	158.71	Before	Interior Girder 1	46	0.95	1	1	10.520784
Lane_str_inv	BOBJ1	158.71	Before	Interior Girder 2	46	0.95	1	1	10.006655
Lane_str_inv	BOBJ1	158.71	Before	Interior Girder 3	46	0.95	1	1	10.246741
Lane_str_inv	BOBJ1	158.71	Before	Interior Girder 4	46	0.95	1	1	10.246741
Lane_str_inv	BOBJ1	158.71	Before	Interior Girder 5	46	0.95	1	1	10.006655
Lane_str_inv	BOBJ1	158.71	Before	Interior Girder 6	46	0.95	1	1	10.520784
Lane_str_inv	BOBJ1	158.71	Before	Right Exterior Girder	46	0.95	1	1	11.418072
Lane_str_inv	BOBJ1	158.71	After	Left Exterior Girder	46	0.95	1	1	15.915989
Lane_str_inv	BOBJ1	158.71	After	Interior Girder 1	46	0.95	1	1	13.261354
Lane_str_inv	BOBJ1	158.71	After	Interior Girder 2	46	0.95	1	1	12.608314

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelINonCompStrgth-Flx - Approach, Span 16-19									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Lane_str_inv	BOBJ1	158.71	After	Interior Girder 3	46	0.95	1	1	13.018358
Lane_str_inv	BOBJ1	158.71	After	Interior Girder 4	46	0.95	1	1	13.018358
Lane_str_inv	BOBJ1	158.71	After	Interior Girder 5	46	0.95	1	1	12.608314
Lane_str_inv	BOBJ1	158.71	After	Interior Girder 6	46	0.95	1	1	13.261354
Lane_str_inv	BOBJ1	158.71	After	Right Exterior Girder	46	0.95	1	1	15.915989
Lane_str_inv	BOBJ1	163.8233	Before	Left Exterior Girder	51.1133	0.95	1	1	9.30816
Lane_str_inv	BOBJ1	163.8233	Before	Interior Girder 1	51.1133	0.95	1	1	8.2793
Lane_str_inv	BOBJ1	163.8233	Before	Interior Girder 2	51.1133	0.95	1	1	7.972449
Lane_str_inv	BOBJ1	163.8233	Before	Interior Girder 3	51.1133	0.95	1	1	7.406749
Lane_str_inv	BOBJ1	163.8233	Before	Interior Girder 4	51.1133	0.95	1	1	7.406749
Lane_str_inv	BOBJ1	163.8233	Before	Interior Girder 5	51.1133	0.95	1	1	7.972449
Lane_str_inv	BOBJ1	163.8233	Before	Interior Girder 6	51.1133	0.95	1	1	8.2793
Lane_str_inv	BOBJ1	163.8233	Before	Right Exterior Girder	51.1133	0.95	1	1	9.30816
Lane_str_inv	BOBJ1	163.8233	After	Left Exterior Girder	51.1133	0.95	1	1	9.575325
Lane_str_inv	BOBJ1	163.8233	After	Interior Girder 1	51.1133	0.95	1	1	8.105945
Lane_str_inv	BOBJ1	163.8233	After	Interior Girder 2	51.1133	0.95	1	1	7.949701
Lane_str_inv	BOBJ1	163.8233	After	Interior Girder 3	51.1133	0.95	1	1	7.470138
Lane_str_inv	BOBJ1	163.8233	After	Interior Girder 4	51.1133	0.95	1	1	7.470138
Lane_str_inv	BOBJ1	163.8233	After	Interior Girder 5	51.1133	0.95	1	1	7.949701
Lane_str_inv	BOBJ1	163.8233	After	Interior Girder 6	51.1133	0.95	1	1	8.105945
Lane_str_inv	BOBJ1	163.8233	After	Right Exterior Girder	51.1133	0.95	1	1	9.575325
Lane_str_inv	BOBJ1	164.71	Before	Left Exterior Girder	52	0.95	1	1	8.316625
Lane_str_inv	BOBJ1	164.71	Before	Right Exterior Girder	52	0.95	1	1	8.316625
Lane_str_inv	BOBJ1	164.71	After	Left Exterior Girder	52	0.95	1	1	13.414248
Lane_str_inv	BOBJ1	164.71	After	Right Exterior Girder	52	0.95	1	1	13.414248
Lane_str_inv	BOBJ1	170.21	Before	Left Exterior Girder	57.5	0.95	1	1	6.75998
Lane_str_inv	BOBJ1	170.21	Before	Interior Girder 1	57.5	0.95	1	1	3.524361
Lane_str_inv	BOBJ1	170.21	Before	Interior Girder 2	57.5	0.95	1	1	3.601671
Lane_str_inv	BOBJ1	170.21	Before	Interior Girder 3	57.5	0.95	1	1	3.019983
Lane_str_inv	BOBJ1	170.21	Before	Interior Girder 4	57.5	0.95	1	1	3.019983
Lane_str_inv	BOBJ1	170.21	Before	Interior Girder 5	57.5	0.95	1	1	3.601671
Lane_str_inv	BOBJ1	170.21	Before	Interior Girder 6	57.5	0.95	1	1	3.524361
Lane_str_inv	BOBJ1	170.21	Before	Right Exterior Girder	57.5	0.95	1	1	6.75998
Lane_str_inv	BOBJ1	170.21	After	Left Exterior Girder	0	0.95	1	1	6.78035
Lane_str_inv	BOBJ1	170.21	After	Interior Girder 1	0	0.95	1	1	4.686715
Lane_str_inv	BOBJ1	170.21	After	Interior Girder 2	0	0.95	1	1	4.704616
Lane_str_inv	BOBJ1	170.21	After	Interior Girder 3	0	0.95	1	1	4.006817
Lane_str_inv	BOBJ1	170.21	After	Interior Girder 4	0	0.95	1	1	4.006817
Lane_str_inv	BOBJ1	170.21	After	Interior Girder 5	0	0.95	1	1	4.704616
Lane_str_inv	BOBJ1	170.21	After	Interior Girder 6	0	0.95	1	1	4.686715
Lane_str_inv	BOBJ1	170.21	After	Right Exterior Girder	0	0.95	1	1	6.78035
Lane_str_inv	BOBJ1	176.21	Before	Left Exterior Girder	6	0.95	1	1	15.749989
Lane_str_inv	BOBJ1	176.21	Before	Right Exterior Girder	6	0.95	1	1	15.749989
Lane_str_inv	BOBJ1	176.21	After	Left Exterior Girder	6	0.95	1	1	10.052952
Lane_str_inv	BOBJ1	176.21	After	Right Exterior Girder	6	0.95	1	1	10.052952
Lane_str_inv	BOBJ1	176.6	Before	Left Exterior Girder	6.39	0.95	1	1	10.922274
Lane_str_inv	BOBJ1	176.6	Before	Interior Girder 1	6.39	0.95	1	1	11.118757
Lane_str_inv	BOBJ1	176.6	Before	Interior Girder 2	6.39	0.95	1	1	10.801556
Lane_str_inv	BOBJ1	176.6	Before	Interior Girder 3	6.39	0.95	1	1	10.130094
Lane_str_inv	BOBJ1	176.6	Before	Interior Girder 4	6.39	0.95	1	1	10.130094
Lane_str_inv	BOBJ1	176.6	Before	Interior Girder 5	6.39	0.95	1	1	10.801556
Lane_str_inv	BOBJ1	176.6	Before	Interior Girder 6	6.39	0.95	1	1	11.118757
Lane_str_inv	BOBJ1	176.6	Before	Right Exterior Girder	6.39	0.95	1	1	10.922274
Lane_str_inv	BOBJ1	176.6	After	Left Exterior Girder	6.39	0.95	1	1	10.529732
Lane_str_inv	BOBJ1	176.6	After	Interior Girder 1	6.39	0.95	1	1	11.378695
Lane_str_inv	BOBJ1	176.6	After	Interior Girder 2	6.39	0.95	1	1	10.804613
Lane_str_inv	BOBJ1	176.6	After	Interior Girder 3	6.39	0.95	1	1	10.013896
Lane_str_inv	BOBJ1	176.6	After	Interior Girder 4	6.39	0.95	1	1	10.013896
Lane_str_inv	BOBJ1	176.6	After	Interior Girder 5	6.39	0.95	1	1	10.804613
Lane_str_inv	BOBJ1	176.6	After	Interior Girder 6	6.39	0.95	1	1	11.378695
Lane_str_inv	BOBJ1	176.6	After	Right Exterior Girder	6.39	0.95	1	1	10.529732
Lane_str_inv	BOBJ1	182.99	Before	Left Exterior Girder	12.78	0.95	1	1	19.999079
Lane_str_inv	BOBJ1	182.99	Before	Interior Girder 1	12.78	0.95	1	1	14.966805
Lane_str_inv	BOBJ1	182.99	Before	Interior Girder 2	12.78	0.95	1	1	14.544955
Lane_str_inv	BOBJ1	182.99	Before	Interior Girder 3	12.78	0.95	1	1	15.334212

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelINonCompStrgth-Flx - Approach, Span 16-19									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Lane_str_inv	BOBJ1	182.99	Before	Interior Girder 4	12.78	0.95	1	1	15.334212
Lane_str_inv	BOBJ1	182.99	Before	Interior Girder 5	12.78	0.95	1	1	14.544955
Lane_str_inv	BOBJ1	182.99	Before	Interior Girder 6	12.78	0.95	1	1	14.966805
Lane_str_inv	BOBJ1	182.99	Before	Right Exterior Girder	12.78	0.95	1	1	19.999079
Lane_str_inv	BOBJ1	182.99	After	Left Exterior Girder	12.78	0.95	1	1	19.647948
Lane_str_inv	BOBJ1	182.99	After	Interior Girder 1	12.78	0.95	1	1	15.049307
Lane_str_inv	BOBJ1	182.99	After	Interior Girder 2	12.78	0.95	1	1	14.680113
Lane_str_inv	BOBJ1	182.99	After	Interior Girder 3	12.78	0.95	1	1	15.823354
Lane_str_inv	BOBJ1	182.99	After	Interior Girder 4	12.78	0.95	1	1	15.823354
Lane_str_inv	BOBJ1	182.99	After	Interior Girder 5	12.78	0.95	1	1	14.680113
Lane_str_inv	BOBJ1	182.99	After	Interior Girder 6	12.78	0.95	1	1	15.049307
Lane_str_inv	BOBJ1	182.99	After	Right Exterior Girder	12.78	0.95	1	1	19.647948
Lane_str_inv	BOBJ1	189.38	Before	Left Exterior Girder	19.17	0.95	1	1	9.980495
Lane_str_inv	BOBJ1	189.38	Before	Interior Girder 1	19.17	0.95	1	1	9.01003
Lane_str_inv	BOBJ1	189.38	Before	Interior Girder 2	19.17	0.95	1	1	8.475613
Lane_str_inv	BOBJ1	189.38	Before	Interior Girder 3	19.17	0.95	1	1	8.627612
Lane_str_inv	BOBJ1	189.38	Before	Interior Girder 4	19.17	0.95	1	1	8.627612
Lane_str_inv	BOBJ1	189.38	Before	Interior Girder 5	19.17	0.95	1	1	8.475613
Lane_str_inv	BOBJ1	189.38	Before	Interior Girder 6	19.17	0.95	1	1	9.01003
Lane_str_inv	BOBJ1	189.38	Before	Right Exterior Girder	19.17	0.95	1	1	9.980495
Lane_str_inv	BOBJ1	189.38	After	Left Exterior Girder	19.17	0.95	1	1	10.085012
Lane_str_inv	BOBJ1	189.38	After	Interior Girder 1	19.17	0.95	1	1	8.886008
Lane_str_inv	BOBJ1	189.38	After	Interior Girder 2	19.17	0.95	1	1	8.485648
Lane_str_inv	BOBJ1	189.38	After	Interior Girder 3	19.17	0.95	1	1	8.681277
Lane_str_inv	BOBJ1	189.38	After	Interior Girder 4	19.17	0.95	1	1	8.681277
Lane_str_inv	BOBJ1	189.38	After	Interior Girder 5	19.17	0.95	1	1	8.485648
Lane_str_inv	BOBJ1	189.38	After	Interior Girder 6	19.17	0.95	1	1	8.886008
Lane_str_inv	BOBJ1	189.38	After	Right Exterior Girder	19.17	0.95	1	1	10.085012
Lane_str_inv	BOBJ1	195.77	Before	Left Exterior Girder	25.56	0.95	1	1	7.861754
Lane_str_inv	BOBJ1	195.77	Before	Interior Girder 1	25.56	0.95	1	1	6.274649
Lane_str_inv	BOBJ1	195.77	Before	Interior Girder 2	25.56	0.95	1	1	6.170941
Lane_str_inv	BOBJ1	195.77	Before	Interior Girder 3	25.56	0.95	1	1	6.239137
Lane_str_inv	BOBJ1	195.77	Before	Interior Girder 4	25.56	0.95	1	1	6.239137
Lane_str_inv	BOBJ1	195.77	Before	Interior Girder 5	25.56	0.95	1	1	6.170941
Lane_str_inv	BOBJ1	195.77	Before	Interior Girder 6	25.56	0.95	1	1	6.274649
Lane_str_inv	BOBJ1	195.77	Before	Right Exterior Girder	25.56	0.95	1	1	7.861754
Lane_str_inv	BOBJ1	195.77	After	Left Exterior Girder	25.56	0.95	1	1	7.989386
Lane_str_inv	BOBJ1	195.77	After	Interior Girder 1	25.56	0.95	1	1	6.198724
Lane_str_inv	BOBJ1	195.77	After	Interior Girder 2	25.56	0.95	1	1	6.141202
Lane_str_inv	BOBJ1	195.77	After	Interior Girder 3	25.56	0.95	1	1	6.256299
Lane_str_inv	BOBJ1	195.77	After	Interior Girder 4	25.56	0.95	1	1	6.256299
Lane_str_inv	BOBJ1	195.77	After	Interior Girder 5	25.56	0.95	1	1	6.141202
Lane_str_inv	BOBJ1	195.77	After	Interior Girder 6	25.56	0.95	1	1	6.198724
Lane_str_inv	BOBJ1	195.77	After	Right Exterior Girder	25.56	0.95	1	1	7.989386
Lane_str_inv	BOBJ1	202.16	Before	Left Exterior Girder	31.95	0.95	1	1	7.090787
Lane_str_inv	BOBJ1	202.16	Before	Interior Girder 1	31.95	0.95	1	1	5.546493
Lane_str_inv	BOBJ1	202.16	Before	Interior Girder 2	31.95	0.95	1	1	5.525327
Lane_str_inv	BOBJ1	202.16	Before	Interior Girder 3	31.95	0.95	1	1	5.608364
Lane_str_inv	BOBJ1	202.16	Before	Interior Girder 4	31.95	0.95	1	1	5.608364
Lane_str_inv	BOBJ1	202.16	Before	Interior Girder 5	31.95	0.95	1	1	5.525327
Lane_str_inv	BOBJ1	202.16	Before	Interior Girder 6	31.95	0.95	1	1	5.546493
Lane_str_inv	BOBJ1	202.16	Before	Right Exterior Girder	31.95	0.95	1	1	7.090787
Lane_str_inv	BOBJ1	202.16	After	Left Exterior Girder	31.95	0.95	1	1	7.008213
Lane_str_inv	BOBJ1	202.16	After	Interior Girder 1	31.95	0.95	1	1	5.587672
Lane_str_inv	BOBJ1	202.16	After	Interior Girder 2	31.95	0.95	1	1	5.546331
Lane_str_inv	BOBJ1	202.16	After	Interior Girder 3	31.95	0.95	1	1	5.627738
Lane_str_inv	BOBJ1	202.16	After	Interior Girder 4	31.95	0.95	1	1	5.627738
Lane_str_inv	BOBJ1	202.16	After	Interior Girder 5	31.95	0.95	1	1	5.546331
Lane_str_inv	BOBJ1	202.16	After	Interior Girder 6	31.95	0.95	1	1	5.587672
Lane_str_inv	BOBJ1	202.16	After	Right Exterior Girder	31.95	0.95	1	1	7.008213
Lane_str_inv	BOBJ1	208.55	Before	Left Exterior Girder	38.34	0.95	1	1	7.119604
Lane_str_inv	BOBJ1	208.55	Before	Interior Girder 1	38.34	0.95	1	1	6.201577
Lane_str_inv	BOBJ1	208.55	Before	Interior Girder 2	38.34	0.95	1	1	6.042656
Lane_str_inv	BOBJ1	208.55	Before	Interior Girder 3	38.34	0.95	1	1	6.181029
Lane_str_inv	BOBJ1	208.55	Before	Interior Girder 4	38.34	0.95	1	1	6.181029

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelINonCompStrgth-Flx - Approach, Span 16-19									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Lane_str_inv	BOBJ1	208.55	Before	Interior Girder 5	38.34	0.95	1	1	6.042656
Lane_str_inv	BOBJ1	208.55	Before	Interior Girder 6	38.34	0.95	1	1	6.201577
Lane_str_inv	BOBJ1	208.55	Before	Right Exterior Girder	38.34	0.95	1	1	7.119604
Lane_str_inv	BOBJ1	208.55	After	Left Exterior Girder	38.34	0.95	1	1	7.051755
Lane_str_inv	BOBJ1	208.55	After	Interior Girder 1	38.34	0.95	1	1	6.251633
Lane_str_inv	BOBJ1	208.55	After	Interior Girder 2	38.34	0.95	1	1	6.033733
Lane_str_inv	BOBJ1	208.55	After	Interior Girder 3	38.34	0.95	1	1	6.127982
Lane_str_inv	BOBJ1	208.55	After	Interior Girder 4	38.34	0.95	1	1	6.127982
Lane_str_inv	BOBJ1	208.55	After	Interior Girder 5	38.34	0.95	1	1	6.033733
Lane_str_inv	BOBJ1	208.55	After	Interior Girder 6	38.34	0.95	1	1	6.251633
Lane_str_inv	BOBJ1	208.55	After	Right Exterior Girder	38.34	0.95	1	1	7.051755
Lane_str_inv	BOBJ1	215.1233	Before	Left Exterior Girder	44.9133	0.95	1	1	10.457071
Lane_str_inv	BOBJ1	215.1233	Before	Interior Girder 1	44.9133	0.95	1	1	7.793097
Lane_str_inv	BOBJ1	215.1233	Before	Interior Girder 2	44.9133	0.95	1	1	7.838078
Lane_str_inv	BOBJ1	215.1233	Before	Interior Girder 3	44.9133	0.95	1	1	7.88681
Lane_str_inv	BOBJ1	215.1233	Before	Interior Girder 4	44.9133	0.95	1	1	7.88681
Lane_str_inv	BOBJ1	215.1233	Before	Interior Girder 5	44.9133	0.95	1	1	7.838078
Lane_str_inv	BOBJ1	215.1233	Before	Interior Girder 6	44.9133	0.95	1	1	7.793097
Lane_str_inv	BOBJ1	215.1233	Before	Right Exterior Girder	44.9133	0.95	1	1	10.457071
Lane_str_inv	BOBJ1	215.1233	After	Left Exterior Girder	44.9133	0.95	1	1	10.478029
Lane_str_inv	BOBJ1	215.1233	After	Interior Girder 1	44.9133	0.95	1	1	7.824516
Lane_str_inv	BOBJ1	215.1233	After	Interior Girder 2	44.9133	0.95	1	1	7.749904
Lane_str_inv	BOBJ1	215.1233	After	Interior Girder 3	44.9133	0.95	1	1	7.698758
Lane_str_inv	BOBJ1	215.1233	After	Interior Girder 4	44.9133	0.95	1	1	7.698758
Lane_str_inv	BOBJ1	215.1233	After	Interior Girder 5	44.9133	0.95	1	1	7.749904
Lane_str_inv	BOBJ1	215.1233	After	Interior Girder 6	44.9133	0.95	1	1	7.824516
Lane_str_inv	BOBJ1	215.1233	After	Right Exterior Girder	44.9133	0.95	1	1	10.478029
Lane_str_inv	BOBJ1	221.6967	Before	Left Exterior Girder	51.4867	0.95	1	1	22.527354
Lane_str_inv	BOBJ1	221.6967	Before	Interior Girder 1	51.4867	0.95	1	1	14.130013
Lane_str_inv	BOBJ1	221.6967	Before	Interior Girder 2	51.4867	0.95	1	1	14.550237
Lane_str_inv	BOBJ1	221.6967	Before	Interior Girder 3	51.4867	0.95	1	1	14.436682
Lane_str_inv	BOBJ1	221.6967	Before	Interior Girder 4	51.4867	0.95	1	1	14.436682
Lane_str_inv	BOBJ1	221.6967	Before	Interior Girder 5	51.4867	0.95	1	1	14.550237
Lane_str_inv	BOBJ1	221.6967	Before	Interior Girder 6	51.4867	0.95	1	1	14.130013
Lane_str_inv	BOBJ1	221.6967	Before	Right Exterior Girder	51.4867	0.95	1	1	22.527354
Lane_str_inv	BOBJ1	221.6967	After	Left Exterior Girder	51.4867	0.95	1	1	22.358074
Lane_str_inv	BOBJ1	221.6967	After	Interior Girder 1	51.4867	0.95	1	1	14.339758
Lane_str_inv	BOBJ1	221.6967	After	Interior Girder 2	51.4867	0.95	1	1	14.422012
Lane_str_inv	BOBJ1	221.6967	After	Interior Girder 3	51.4867	0.95	1	1	13.998746
Lane_str_inv	BOBJ1	221.6967	After	Interior Girder 4	51.4867	0.95	1	1	13.998746
Lane_str_inv	BOBJ1	221.6967	After	Interior Girder 5	51.4867	0.95	1	1	14.422012
Lane_str_inv	BOBJ1	221.6967	After	Interior Girder 6	51.4867	0.95	1	1	14.339758
Lane_str_inv	BOBJ1	221.6967	After	Right Exterior Girder	51.4867	0.95	1	1	22.358074
Lane_str_inv	BOBJ1	228.27	Before	Left Exterior Girder	58.06	0.95	1	1	1545.135307
Lane_str_inv	BOBJ1	228.27	Before	Interior Girder 1	58.06	0.95	1	1	1263.415775
Lane_str_inv	BOBJ1	228.27	Before	Interior Girder 2	58.06	0.95	1	1	1227.805071
Lane_str_inv	BOBJ1	228.27	Before	Interior Girder 3	58.06	0.95	1	1	881.200428
Lane_str_inv	BOBJ1	228.27	Before	Interior Girder 4	58.06	0.95	1	1	881.20042
Lane_str_inv	BOBJ1	228.27	Before	Interior Girder 5	58.06	0.95	1	1	1227.805068
Lane_str_inv	BOBJ1	228.27	Before	Interior Girder 6	58.06	0.95	1	1	1263.415774
Lane_str_inv	BOBJ1	228.27	Before	Right Exterior Girder	58.06	0.95	1	1	1545.135308
SU4_str	BOBJ1	0	After	Left Exterior Girder	0	0.95	1	1	471.291506
SU4_str	BOBJ1	0	After	Interior Girder 1	0	0.95	1	1	429.560236
SU4_str	BOBJ1	0	After	Interior Girder 2	0	0.95	1	1	257.21926
SU4_str	BOBJ1	0	After	Interior Girder 3	0	0.95	1	1	204.015824
SU4_str	BOBJ1	0	After	Interior Girder 4	0	0.95	1	1	204.015825
SU4_str	BOBJ1	0	After	Interior Girder 5	0	0.95	1	1	257.219262
SU4_str	BOBJ1	0	After	Interior Girder 6	0	0.95	1	1	429.560236
SU4_str	BOBJ1	0	After	Right Exterior Girder	0	0.95	1	1	471.291506
SU4_str	BOBJ1	5.3833	Before	Left Exterior Girder	5.3833	0.95	1	1	6.915596
SU4_str	BOBJ1	5.3833	Before	Interior Girder 1	5.3833	0.95	1	1	4.250963
SU4_str	BOBJ1	5.3833	Before	Interior Girder 2	5.3833	0.95	1	1	3.983238
SU4_str	BOBJ1	5.3833	Before	Interior Girder 3	5.3833	0.95	1	1	3.434733
SU4_str	BOBJ1	5.3833	Before	Interior Girder 4	5.3833	0.95	1	1	3.434733
SU4_str	BOBJ1	5.3833	Before	Interior Girder 5	5.3833	0.95	1	1	3.983238

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelINonCompStrgth-Flx - Approach, Span 16-19									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
SU4_str	BOBJ1	5.3833	Before	Interior Girder 6	5.3833	0.95	1	1	4.250963
SU4_str	BOBJ1	5.3833	Before	Right Exterior Girder	5.3833	0.95	1	1	6.915596
SU4_str	BOBJ1	5.3833	After	Left Exterior Girder	5.3833	0.95	1	1	6.977732
SU4_str	BOBJ1	5.3833	After	Interior Girder 1	5.3833	0.95	1	1	4.266388
SU4_str	BOBJ1	5.3833	After	Interior Girder 2	5.3833	0.95	1	1	4.047092
SU4_str	BOBJ1	5.3833	After	Interior Girder 3	5.3833	0.95	1	1	3.553173
SU4_str	BOBJ1	5.3833	After	Interior Girder 4	5.3833	0.95	1	1	3.553173
SU4_str	BOBJ1	5.3833	After	Interior Girder 5	5.3833	0.95	1	1	4.047092
SU4_str	BOBJ1	5.3833	After	Interior Girder 6	5.3833	0.95	1	1	4.266388
SU4_str	BOBJ1	5.3833	After	Right Exterior Girder	5.3833	0.95	1	1	6.977732
SU4_str	BOBJ1	10.7667	Before	Left Exterior Girder	10.7667	0.95	1	1	3.71035
SU4_str	BOBJ1	10.7667	Before	Interior Girder 1	10.7667	0.95	1	1	2.720977
SU4_str	BOBJ1	10.7667	Before	Interior Girder 2	10.7667	0.95	1	1	2.533801
SU4_str	BOBJ1	10.7667	Before	Interior Girder 3	10.7667	0.95	1	1	2.378742
SU4_str	BOBJ1	10.7667	Before	Interior Girder 4	10.7667	0.95	1	1	2.378742
SU4_str	BOBJ1	10.7667	Before	Interior Girder 5	10.7667	0.95	1	1	2.533801
SU4_str	BOBJ1	10.7667	Before	Interior Girder 6	10.7667	0.95	1	1	2.720977
SU4_str	BOBJ1	10.7667	Before	Right Exterior Girder	10.7667	0.95	1	1	3.71035
SU4_str	BOBJ1	10.7667	After	Left Exterior Girder	10.7667	0.95	1	1	3.69862
SU4_str	BOBJ1	10.7667	After	Interior Girder 1	10.7667	0.95	1	1	2.725152
SU4_str	BOBJ1	10.7667	After	Interior Girder 2	10.7667	0.95	1	1	2.566708
SU4_str	BOBJ1	10.7667	After	Interior Girder 3	10.7667	0.95	1	1	2.41449
SU4_str	BOBJ1	10.7667	After	Interior Girder 4	10.7667	0.95	1	1	2.41449
SU4_str	BOBJ1	10.7667	After	Interior Girder 5	10.7667	0.95	1	1	2.566708
SU4_str	BOBJ1	10.7667	After	Interior Girder 6	10.7667	0.95	1	1	2.725152
SU4_str	BOBJ1	10.7667	After	Right Exterior Girder	10.7667	0.95	1	1	3.69862
SU4_str	BOBJ1	16.15	Before	Left Exterior Girder	16.15	0.95	1	1	2.820345
SU4_str	BOBJ1	16.15	Before	Interior Girder 1	16.15	0.95	1	1	2.413435
SU4_str	BOBJ1	16.15	Before	Interior Girder 2	16.15	0.95	1	1	2.249995
SU4_str	BOBJ1	16.15	Before	Interior Girder 3	16.15	0.95	1	1	2.176526
SU4_str	BOBJ1	16.15	Before	Interior Girder 4	16.15	0.95	1	1	2.176526
SU4_str	BOBJ1	16.15	Before	Interior Girder 5	16.15	0.95	1	1	2.249995
SU4_str	BOBJ1	16.15	Before	Interior Girder 6	16.15	0.95	1	1	2.413435
SU4_str	BOBJ1	16.15	Before	Right Exterior Girder	16.15	0.95	1	1	2.820345
SU4_str	BOBJ1	16.15	After	Left Exterior Girder	16.15	0.95	1	1	2.829413
SU4_str	BOBJ1	16.15	After	Interior Girder 1	16.15	0.95	1	1	2.404151
SU4_str	BOBJ1	16.15	After	Interior Girder 2	16.15	0.95	1	1	2.253553
SU4_str	BOBJ1	16.15	After	Interior Girder 3	16.15	0.95	1	1	2.181485
SU4_str	BOBJ1	16.15	After	Interior Girder 4	16.15	0.95	1	1	2.181485
SU4_str	BOBJ1	16.15	After	Interior Girder 5	16.15	0.95	1	1	2.253553
SU4_str	BOBJ1	16.15	After	Interior Girder 6	16.15	0.95	1	1	2.404151
SU4_str	BOBJ1	16.15	After	Right Exterior Girder	16.15	0.95	1	1	2.829413
SU4_str	BOBJ1	22.1267	Before	Left Exterior Girder	22.1267	0.95	1	1	3.106579
SU4_str	BOBJ1	22.1267	Before	Interior Girder 1	22.1267	0.95	1	1	2.317353
SU4_str	BOBJ1	22.1267	Before	Interior Girder 2	22.1267	0.95	1	1	2.194078
SU4_str	BOBJ1	22.1267	Before	Interior Girder 3	22.1267	0.95	1	1	2.087685
SU4_str	BOBJ1	22.1267	Before	Interior Girder 4	22.1267	0.95	1	1	2.087685
SU4_str	BOBJ1	22.1267	Before	Interior Girder 5	22.1267	0.95	1	1	2.194078
SU4_str	BOBJ1	22.1267	Before	Interior Girder 6	22.1267	0.95	1	1	2.317353
SU4_str	BOBJ1	22.1267	Before	Right Exterior Girder	22.1267	0.95	1	1	3.106579
SU4_str	BOBJ1	22.1267	After	Left Exterior Girder	22.1267	0.95	1	1	3.123649
SU4_str	BOBJ1	22.1267	After	Interior Girder 1	22.1267	0.95	1	1	2.307413
SU4_str	BOBJ1	22.1267	After	Interior Girder 2	22.1267	0.95	1	1	2.181426
SU4_str	BOBJ1	22.1267	After	Interior Girder 3	22.1267	0.95	1	1	2.075662
SU4_str	BOBJ1	22.1267	After	Interior Girder 4	22.1267	0.95	1	1	2.075662
SU4_str	BOBJ1	22.1267	After	Interior Girder 5	22.1267	0.95	1	1	2.181426
SU4_str	BOBJ1	22.1267	After	Interior Girder 6	22.1267	0.95	1	1	2.307413
SU4_str	BOBJ1	22.1267	After	Right Exterior Girder	22.1267	0.95	1	1	3.123649
SU4_str	BOBJ1	28.1033	Before	Left Exterior Girder	28.1033	0.95	1	1	3.980164
SU4_str	BOBJ1	28.1033	Before	Interior Girder 1	28.1033	0.95	1	1	2.792285
SU4_str	BOBJ1	28.1033	Before	Interior Girder 2	28.1033	0.95	1	1	2.630014
SU4_str	BOBJ1	28.1033	Before	Interior Girder 3	28.1033	0.95	1	1	2.524102
SU4_str	BOBJ1	28.1033	Before	Interior Girder 4	28.1033	0.95	1	1	2.524102
SU4_str	BOBJ1	28.1033	Before	Interior Girder 5	28.1033	0.95	1	1	2.630014
SU4_str	BOBJ1	28.1033	Before	Interior Girder 6	28.1033	0.95	1	1	2.792285

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelINonCompStrgth-Flx - Approach, Span 16-19									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
SU4_str	BOBJ1	28.1033	Before	Right Exterior Girder	28.1033	0.95	1	1	3.980164
SU4_str	BOBJ1	28.1033	After	Left Exterior Girder	28.1033	0.95	1	1	3.930674
SU4_str	BOBJ1	28.1033	After	Interior Girder 1	28.1033	0.95	1	1	2.822338
SU4_str	BOBJ1	28.1033	After	Interior Girder 2	28.1033	0.95	1	1	2.635006
SU4_str	BOBJ1	28.1033	After	Interior Girder 3	28.1033	0.95	1	1	2.507969
SU4_str	BOBJ1	28.1033	After	Interior Girder 4	28.1033	0.95	1	1	2.507969
SU4_str	BOBJ1	28.1033	After	Interior Girder 5	28.1033	0.95	1	1	2.635006
SU4_str	BOBJ1	28.1033	After	Interior Girder 6	28.1033	0.95	1	1	2.822338
SU4_str	BOBJ1	28.1033	After	Right Exterior Girder	28.1033	0.95	1	1	3.930674
SU4_str	BOBJ1	34.08	Before	Left Exterior Girder	34.08	0.95	1	1	4.820266
SU4_str	BOBJ1	34.08	Before	Interior Girder 1	34.08	0.95	1	1	4.823469
SU4_str	BOBJ1	34.08	Before	Interior Girder 2	34.08	0.95	1	1	4.307298
SU4_str	BOBJ1	34.08	Before	Interior Girder 3	34.08	0.95	1	1	4.200812
SU4_str	BOBJ1	34.08	Before	Interior Girder 4	34.08	0.95	1	1	4.200812
SU4_str	BOBJ1	34.08	Before	Interior Girder 5	34.08	0.95	1	1	4.307298
SU4_str	BOBJ1	34.08	Before	Interior Girder 6	34.08	0.95	1	1	4.823469
SU4_str	BOBJ1	34.08	Before	Right Exterior Girder	34.08	0.95	1	1	4.820266
SU4_str	BOBJ1	34.08	After	Left Exterior Girder	34.08	0.95	1	1	4.574299
SU4_str	BOBJ1	34.08	After	Interior Girder 1	34.08	0.95	1	1	4.841425
SU4_str	BOBJ1	34.08	After	Interior Girder 2	34.08	0.95	1	1	4.303926
SU4_str	BOBJ1	34.08	After	Interior Girder 3	34.08	0.95	1	1	4.140556
SU4_str	BOBJ1	34.08	After	Interior Girder 4	34.08	0.95	1	1	4.140556
SU4_str	BOBJ1	34.08	After	Interior Girder 5	34.08	0.95	1	1	4.303926
SU4_str	BOBJ1	34.08	After	Interior Girder 6	34.08	0.95	1	1	4.841425
SU4_str	BOBJ1	34.08	After	Right Exterior Girder	34.08	0.95	1	1	4.574299
SU4_str	BOBJ1	39.855	Before	Left Exterior Girder	39.855	0.95	1	1	2.879821
SU4_str	BOBJ1	39.855	Before	Interior Girder 1	39.855	0.95	1	1	3.59636
SU4_str	BOBJ1	39.855	Before	Interior Girder 2	39.855	0.95	1	1	3.564633
SU4_str	BOBJ1	39.855	Before	Interior Girder 3	39.855	0.95	1	1	3.408483
SU4_str	BOBJ1	39.855	Before	Interior Girder 4	39.855	0.95	1	1	3.408483
SU4_str	BOBJ1	39.855	Before	Interior Girder 5	39.855	0.95	1	1	3.564633
SU4_str	BOBJ1	39.855	Before	Interior Girder 6	39.855	0.95	1	1	3.59636
SU4_str	BOBJ1	39.855	Before	Right Exterior Girder	39.855	0.95	1	1	2.879821
SU4_str	BOBJ1	39.855	After	Left Exterior Girder	39.855	0.95	1	1	2.937052
SU4_str	BOBJ1	39.855	After	Interior Girder 1	39.855	0.95	1	1	3.541277
SU4_str	BOBJ1	39.855	After	Interior Girder 2	39.855	0.95	1	1	3.517123
SU4_str	BOBJ1	39.855	After	Interior Girder 3	39.855	0.95	1	1	3.390133
SU4_str	BOBJ1	39.855	After	Interior Girder 4	39.855	0.95	1	1	3.390133
SU4_str	BOBJ1	39.855	After	Interior Girder 5	39.855	0.95	1	1	3.517123
SU4_str	BOBJ1	39.855	After	Interior Girder 6	39.855	0.95	1	1	3.541277
SU4_str	BOBJ1	39.855	After	Right Exterior Girder	39.855	0.95	1	1	2.937052
SU4_str	BOBJ1	40.0288	Before	Left Exterior Girder	40.0288	0.95	1	1	2.871768
SU4_str	BOBJ1	40.0288	Before	Right Exterior Girder	40.0288	0.95	1	1	2.871768
SU4_str	BOBJ1	40.0288	After	Left Exterior Girder	40.0288	0.95	1	1	4.246754
SU4_str	BOBJ1	40.0288	After	Right Exterior Girder	40.0288	0.95	1	1	4.246754
SU4_str	BOBJ1	45.63	Before	Left Exterior Girder	45.63	0.95	1	1	2.636779
SU4_str	BOBJ1	45.63	Before	Interior Girder 1	45.63	0.95	1	1	2.45742
SU4_str	BOBJ1	45.63	Before	Interior Girder 2	45.63	0.95	1	1	2.453865
SU4_str	BOBJ1	45.63	Before	Interior Girder 3	45.63	0.95	1	1	2.090492
SU4_str	BOBJ1	45.63	Before	Interior Girder 4	45.63	0.95	1	1	2.090492
SU4_str	BOBJ1	45.63	Before	Interior Girder 5	45.63	0.95	1	1	2.453865
SU4_str	BOBJ1	45.63	Before	Interior Girder 6	45.63	0.95	1	1	2.45742
SU4_str	BOBJ1	45.63	Before	Right Exterior Girder	45.63	0.95	1	1	2.636779
SU4_str	BOBJ1	45.63	After	Left Exterior Girder	0	0.95	1	1	2.618258
SU4_str	BOBJ1	45.63	After	Interior Girder 1	0	0.95	1	1	2.219222
SU4_str	BOBJ1	45.63	After	Interior Girder 2	0	0.95	1	1	2.186447
SU4_str	BOBJ1	45.63	After	Interior Girder 3	0	0.95	1	1	1.798956
SU4_str	BOBJ1	45.63	After	Interior Girder 4	0	0.95	1	1	1.798956
SU4_str	BOBJ1	45.63	After	Interior Girder 5	0	0.95	1	1	2.186447
SU4_str	BOBJ1	45.63	After	Interior Girder 6	0	0.95	1	1	2.219222
SU4_str	BOBJ1	45.63	After	Right Exterior Girder	0	0.95	1	1	2.618258
SU4_str	BOBJ1	50.6298	Before	Left Exterior Girder	4.9998	0.95	1	1	7.221808
SU4_str	BOBJ1	50.6298	Before	Right Exterior Girder	4.9998	0.95	1	1	7.221808
SU4_str	BOBJ1	50.6298	After	Left Exterior Girder	4.9998	0.95	1	1	4.633265
SU4_str	BOBJ1	50.6298	After	Right Exterior Girder	4.9998	0.95	1	1	4.633265

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelINonCompStrgth-Flx - Approach, Span 16-19									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
SU4_str	BOBJ1	51.4	Before	Left Exterior Girder	5.77	0.95	1	1	5.437939
SU4_str	BOBJ1	51.4	Before	Interior Girder 1	5.77	0.95	1	1	5.904645
SU4_str	BOBJ1	51.4	Before	Interior Girder 2	5.77	0.95	1	1	5.495242
SU4_str	BOBJ1	51.4	Before	Interior Girder 3	5.77	0.95	1	1	5.095022
SU4_str	BOBJ1	51.4	Before	Interior Girder 4	5.77	0.95	1	1	5.095022
SU4_str	BOBJ1	51.4	Before	Interior Girder 5	5.77	0.95	1	1	5.495242
SU4_str	BOBJ1	51.4	Before	Interior Girder 6	5.77	0.95	1	1	5.904645
SU4_str	BOBJ1	51.4	Before	Right Exterior Girder	5.77	0.95	1	1	5.437939
SU4_str	BOBJ1	51.4	After	Left Exterior Girder	5.77	0.95	1	1	5.3187
SU4_str	BOBJ1	51.4	After	Interior Girder 1	5.77	0.95	1	1	6.012904
SU4_str	BOBJ1	51.4	After	Interior Girder 2	5.77	0.95	1	1	5.570262
SU4_str	BOBJ1	51.4	After	Interior Girder 3	5.77	0.95	1	1	5.15065
SU4_str	BOBJ1	51.4	After	Interior Girder 4	5.77	0.95	1	1	5.15065
SU4_str	BOBJ1	51.4	After	Interior Girder 5	5.77	0.95	1	1	5.570262
SU4_str	BOBJ1	51.4	After	Interior Girder 6	5.77	0.95	1	1	6.012904
SU4_str	BOBJ1	51.4	After	Right Exterior Girder	5.77	0.95	1	1	5.3187
SU4_str	BOBJ1	57.17	Before	Left Exterior Girder	11.54	0.95	1	1	7.497982
SU4_str	BOBJ1	57.17	Before	Interior Girder 1	11.54	0.95	1	1	5.512747
SU4_str	BOBJ1	57.17	Before	Interior Girder 2	11.54	0.95	1	1	4.766581
SU4_str	BOBJ1	57.17	Before	Interior Girder 3	11.54	0.95	1	1	4.559909
SU4_str	BOBJ1	57.17	Before	Interior Girder 4	11.54	0.95	1	1	4.559909
SU4_str	BOBJ1	57.17	Before	Interior Girder 5	11.54	0.95	1	1	4.766581
SU4_str	BOBJ1	57.17	Before	Interior Girder 6	11.54	0.95	1	1	5.512747
SU4_str	BOBJ1	57.17	Before	Right Exterior Girder	11.54	0.95	1	1	7.497982
SU4_str	BOBJ1	57.17	After	Left Exterior Girder	11.54	0.95	1	1	7.631477
SU4_str	BOBJ1	57.17	After	Interior Girder 1	11.54	0.95	1	1	5.450641
SU4_str	BOBJ1	57.17	After	Interior Girder 2	11.54	0.95	1	1	4.754064
SU4_str	BOBJ1	57.17	After	Interior Girder 3	11.54	0.95	1	1	4.633234
SU4_str	BOBJ1	57.17	After	Interior Girder 4	11.54	0.95	1	1	4.633234
SU4_str	BOBJ1	57.17	After	Interior Girder 5	11.54	0.95	1	1	4.754064
SU4_str	BOBJ1	57.17	After	Interior Girder 6	11.54	0.95	1	1	5.450641
SU4_str	BOBJ1	57.17	After	Right Exterior Girder	11.54	0.95	1	1	7.631477
SU4_str	BOBJ1	63.34	Before	Left Exterior Girder	17.71	0.95	1	1	3.785401
SU4_str	BOBJ1	63.34	Before	Interior Girder 1	17.71	0.95	1	1	2.744615
SU4_str	BOBJ1	63.34	Before	Interior Girder 2	17.71	0.95	1	1	2.563292
SU4_str	BOBJ1	63.34	Before	Interior Girder 3	17.71	0.95	1	1	2.440335
SU4_str	BOBJ1	63.34	Before	Interior Girder 4	17.71	0.95	1	1	2.440335
SU4_str	BOBJ1	63.34	Before	Interior Girder 5	17.71	0.95	1	1	2.563292
SU4_str	BOBJ1	63.34	Before	Interior Girder 6	17.71	0.95	1	1	2.744615
SU4_str	BOBJ1	63.34	Before	Right Exterior Girder	17.71	0.95	1	1	3.785401
SU4_str	BOBJ1	63.34	After	Left Exterior Girder	17.71	0.95	1	1	3.888559
SU4_str	BOBJ1	63.34	After	Interior Girder 1	17.71	0.95	1	1	2.698103
SU4_str	BOBJ1	63.34	After	Interior Girder 2	17.71	0.95	1	1	2.548694
SU4_str	BOBJ1	63.34	After	Interior Girder 3	17.71	0.95	1	1	2.465272
SU4_str	BOBJ1	63.34	After	Interior Girder 4	17.71	0.95	1	1	2.465272
SU4_str	BOBJ1	63.34	After	Interior Girder 5	17.71	0.95	1	1	2.548694
SU4_str	BOBJ1	63.34	After	Interior Girder 6	17.71	0.95	1	1	2.698103
SU4_str	BOBJ1	63.34	After	Right Exterior Girder	17.71	0.95	1	1	3.888559
SU4_str	BOBJ1	69.51	Before	Left Exterior Girder	23.88	0.95	1	1	2.423656
SU4_str	BOBJ1	69.51	Before	Interior Girder 1	23.88	0.95	1	1	1.93645
SU4_str	BOBJ1	69.51	Before	Interior Girder 2	23.88	0.95	1	1	1.868979
SU4_str	BOBJ1	69.51	Before	Interior Girder 3	23.88	0.95	1	1	1.818502
SU4_str	BOBJ1	69.51	Before	Interior Girder 4	23.88	0.95	1	1	1.818502
SU4_str	BOBJ1	69.51	Before	Interior Girder 5	23.88	0.95	1	1	1.868979
SU4_str	BOBJ1	69.51	Before	Interior Girder 6	23.88	0.95	1	1	1.93645
SU4_str	BOBJ1	69.51	Before	Right Exterior Girder	23.88	0.95	1	1	2.423656
SU4_str	BOBJ1	69.51	After	Left Exterior Girder	23.88	0.95	1	1	2.441276
SU4_str	BOBJ1	69.51	After	Interior Girder 1	23.88	0.95	1	1	1.932373
SU4_str	BOBJ1	69.51	After	Interior Girder 2	23.88	0.95	1	1	1.87719
SU4_str	BOBJ1	69.51	After	Interior Girder 3	23.88	0.95	1	1	1.83195
SU4_str	BOBJ1	69.51	After	Interior Girder 4	23.88	0.95	1	1	1.83195
SU4_str	BOBJ1	69.51	After	Interior Girder 5	23.88	0.95	1	1	1.87719
SU4_str	BOBJ1	69.51	After	Interior Girder 6	23.88	0.95	1	1	1.932373
SU4_str	BOBJ1	69.51	After	Right Exterior Girder	23.88	0.95	1	1	2.441276
SU4_str	BOBJ1	75.68	Before	Left Exterior Girder	30.05	0.95	1	1	1.846178

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelINonCompStrgth-Flx - Approach, Span 16-19									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
SU4_str	BOBJ1	75.68	Before	Interior Girder 1	30.05	0.95	1	1	1.739466
SU4_str	BOBJ1	75.68	Before	Interior Girder 2	30.05	0.95	1	1	1.708332
SU4_str	BOBJ1	75.68	Before	Interior Girder 3	30.05	0.95	1	1	1.717651
SU4_str	BOBJ1	75.68	Before	Interior Girder 4	30.05	0.95	1	1	1.717651
SU4_str	BOBJ1	75.68	Before	Interior Girder 5	30.05	0.95	1	1	1.708332
SU4_str	BOBJ1	75.68	Before	Interior Girder 6	30.05	0.95	1	1	1.739466
SU4_str	BOBJ1	75.68	Before	Right Exterior Girder	30.05	0.95	1	1	1.846178
SU4_str	BOBJ1	75.68	After	Left Exterior Girder	30.05	0.95	1	1	1.858578
SU4_str	BOBJ1	75.68	After	Interior Girder 1	30.05	0.95	1	1	1.734044
SU4_str	BOBJ1	75.68	After	Interior Girder 2	30.05	0.95	1	1	1.704308
SU4_str	BOBJ1	75.68	After	Interior Girder 3	30.05	0.95	1	1	1.716714
SU4_str	BOBJ1	75.68	After	Interior Girder 4	30.05	0.95	1	1	1.716714
SU4_str	BOBJ1	75.68	After	Interior Girder 5	30.05	0.95	1	1	1.704308
SU4_str	BOBJ1	75.68	After	Interior Girder 6	30.05	0.95	1	1	1.734044
SU4_str	BOBJ1	75.68	After	Right Exterior Girder	30.05	0.95	1	1	1.858578
SU4_str	BOBJ1	81.8467	Before	Left Exterior Girder	36.2167	0.95	1	1	1.929561
SU4_str	BOBJ1	81.8467	Before	Interior Girder 1	36.2167	0.95	1	1	1.614819
SU4_str	BOBJ1	81.8467	Before	Interior Girder 2	36.2167	0.95	1	1	1.5967
SU4_str	BOBJ1	81.8467	Before	Interior Girder 3	36.2167	0.95	1	1	1.56818
SU4_str	BOBJ1	81.8467	Before	Interior Girder 4	36.2167	0.95	1	1	1.56818
SU4_str	BOBJ1	81.8467	Before	Interior Girder 5	36.2167	0.95	1	1	1.5967
SU4_str	BOBJ1	81.8467	Before	Interior Girder 6	36.2167	0.95	1	1	1.614819
SU4_str	BOBJ1	81.8467	Before	Right Exterior Girder	36.2167	0.95	1	1	1.929561
SU4_str	BOBJ1	81.8467	After	Left Exterior Girder	36.2167	0.95	1	1	1.936468
SU4_str	BOBJ1	81.8467	After	Interior Girder 1	36.2167	0.95	1	1	1.609177
SU4_str	BOBJ1	81.8467	After	Interior Girder 2	36.2167	0.95	1	1	1.588307
SU4_str	BOBJ1	81.8467	After	Interior Girder 3	36.2167	0.95	1	1	1.560161
SU4_str	BOBJ1	81.8467	After	Interior Girder 4	36.2167	0.95	1	1	1.560161
SU4_str	BOBJ1	81.8467	After	Interior Girder 5	36.2167	0.95	1	1	1.588307
SU4_str	BOBJ1	81.8467	After	Interior Girder 6	36.2167	0.95	1	1	1.609177
SU4_str	BOBJ1	81.8467	After	Right Exterior Girder	36.2167	0.95	1	1	1.936468
SU4_str	BOBJ1	88.0133	Before	Left Exterior Girder	42.3833	0.95	1	1	2.320556
SU4_str	BOBJ1	88.0133	Before	Interior Girder 1	42.3833	0.95	1	1	1.841626
SU4_str	BOBJ1	88.0133	Before	Interior Girder 2	42.3833	0.95	1	1	1.796922
SU4_str	BOBJ1	88.0133	Before	Interior Girder 3	42.3833	0.95	1	1	1.760765
SU4_str	BOBJ1	88.0133	Before	Interior Girder 4	42.3833	0.95	1	1	1.760765
SU4_str	BOBJ1	88.0133	Before	Interior Girder 5	42.3833	0.95	1	1	1.796922
SU4_str	BOBJ1	88.0133	Before	Interior Girder 6	42.3833	0.95	1	1	1.841626
SU4_str	BOBJ1	88.0133	Before	Right Exterior Girder	42.3833	0.95	1	1	2.320556
SU4_str	BOBJ1	88.0133	After	Left Exterior Girder	42.3833	0.95	1	1	2.275142
SU4_str	BOBJ1	88.0133	After	Interior Girder 1	42.3833	0.95	1	1	1.865521
SU4_str	BOBJ1	88.0133	After	Interior Girder 2	42.3833	0.95	1	1	1.810173
SU4_str	BOBJ1	88.0133	After	Interior Girder 3	42.3833	0.95	1	1	1.756877
SU4_str	BOBJ1	88.0133	After	Interior Girder 4	42.3833	0.95	1	1	1.756877
SU4_str	BOBJ1	88.0133	After	Interior Girder 5	42.3833	0.95	1	1	1.810173
SU4_str	BOBJ1	88.0133	After	Interior Girder 6	42.3833	0.95	1	1	1.865521
SU4_str	BOBJ1	88.0133	After	Right Exterior Girder	42.3833	0.95	1	1	2.275142
SU4_str	BOBJ1	94.18	Before	Left Exterior Girder	48.55	0.95	1	1	3.151849
SU4_str	BOBJ1	94.18	Before	Interior Girder 1	48.55	0.95	1	1	2.729001
SU4_str	BOBJ1	94.18	Before	Interior Girder 2	48.55	0.95	1	1	2.537112
SU4_str	BOBJ1	94.18	Before	Interior Girder 3	48.55	0.95	1	1	2.508328
SU4_str	BOBJ1	94.18	Before	Interior Girder 4	48.55	0.95	1	1	2.508328
SU4_str	BOBJ1	94.18	Before	Interior Girder 5	48.55	0.95	1	1	2.537112
SU4_str	BOBJ1	94.18	Before	Interior Girder 6	48.55	0.95	1	1	2.729001
SU4_str	BOBJ1	94.18	Before	Right Exterior Girder	48.55	0.95	1	1	3.151849
SU4_str	BOBJ1	94.18	After	Left Exterior Girder	48.55	0.95	1	1	3.088147
SU4_str	BOBJ1	94.18	After	Interior Girder 1	48.55	0.95	1	1	2.75999
SU4_str	BOBJ1	94.18	After	Interior Girder 2	48.55	0.95	1	1	2.546467
SU4_str	BOBJ1	94.18	After	Interior Girder 3	48.55	0.95	1	1	2.487202
SU4_str	BOBJ1	94.18	After	Interior Girder 4	48.55	0.95	1	1	2.487202
SU4_str	BOBJ1	94.18	After	Interior Girder 5	48.55	0.95	1	1	2.546467
SU4_str	BOBJ1	94.18	After	Interior Girder 6	48.55	0.95	1	1	2.75999
SU4_str	BOBJ1	94.18	After	Right Exterior Girder	48.55	0.95	1	1	3.088147
SU4_str	BOBJ1	100.3567	Before	Left Exterior Girder	54.7267	0.95	1	1	6.384107
SU4_str	BOBJ1	100.3567	Before	Interior Girder 1	54.7267	0.95	1	1	4.266569

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelINonCompStrgth-Flx - Approach, Span 16-19									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
SU4_str	BOBJ1	100.3567	Before	Interior Girder 2	54.7267	0.95	1	1	3.904894
SU4_str	BOBJ1	100.3567	Before	Interior Girder 3	54.7267	0.95	1	1	3.743374
SU4_str	BOBJ1	100.3567	Before	Interior Girder 4	54.7267	0.95	1	1	3.743374
SU4_str	BOBJ1	100.3567	Before	Interior Girder 5	54.7267	0.95	1	1	3.904894
SU4_str	BOBJ1	100.3567	Before	Interior Girder 6	54.7267	0.95	1	1	4.266569
SU4_str	BOBJ1	100.3567	Before	Right Exterior Girder	54.7267	0.95	1	1	6.384107
SU4_str	BOBJ1	100.3567	After	Left Exterior Girder	54.7267	0.95	1	1	6.489003
SU4_str	BOBJ1	100.3567	After	Interior Girder 1	54.7267	0.95	1	1	4.265431
SU4_str	BOBJ1	100.3567	After	Interior Girder 2	54.7267	0.95	1	1	3.882515
SU4_str	BOBJ1	100.3567	After	Interior Girder 3	54.7267	0.95	1	1	3.631904
SU4_str	BOBJ1	100.3567	After	Interior Girder 4	54.7267	0.95	1	1	3.631904
SU4_str	BOBJ1	100.3567	After	Interior Girder 5	54.7267	0.95	1	1	3.882515
SU4_str	BOBJ1	100.3567	After	Interior Girder 6	54.7267	0.95	1	1	4.265431
SU4_str	BOBJ1	100.3567	After	Right Exterior Girder	54.7267	0.95	1	1	6.489003
SU4_str	BOBJ1	106.5333	Before	Left Exterior Girder	60.9033	0.95	1	1	3.97791
SU4_str	BOBJ1	106.5333	Before	Interior Girder 1	60.9033	0.95	1	1	5.319316
SU4_str	BOBJ1	106.5333	Before	Interior Girder 2	60.9033	0.95	1	1	4.997169
SU4_str	BOBJ1	106.5333	Before	Interior Girder 3	60.9033	0.95	1	1	4.700527
SU4_str	BOBJ1	106.5333	Before	Interior Girder 4	60.9033	0.95	1	1	4.700527
SU4_str	BOBJ1	106.5333	Before	Interior Girder 5	60.9033	0.95	1	1	4.997169
SU4_str	BOBJ1	106.5333	Before	Interior Girder 6	60.9033	0.95	1	1	5.319316
SU4_str	BOBJ1	106.5333	Before	Right Exterior Girder	60.9033	0.95	1	1	3.97791
SU4_str	BOBJ1	106.5333	After	Left Exterior Girder	60.9033	0.95	1	1	4.091946
SU4_str	BOBJ1	106.5333	After	Interior Girder 1	60.9033	0.95	1	1	5.191764
SU4_str	BOBJ1	106.5333	After	Interior Girder 2	60.9033	0.95	1	1	4.883158
SU4_str	BOBJ1	106.5333	After	Interior Girder 3	60.9033	0.95	1	1	4.597452
SU4_str	BOBJ1	106.5333	After	Interior Girder 4	60.9033	0.95	1	1	4.597452
SU4_str	BOBJ1	106.5333	After	Interior Girder 5	60.9033	0.95	1	1	4.883158
SU4_str	BOBJ1	106.5333	After	Interior Girder 6	60.9033	0.95	1	1	5.191764
SU4_str	BOBJ1	106.5333	After	Right Exterior Girder	60.9033	0.95	1	1	4.091946
SU4_str	BOBJ1	108.2102	Before	Left Exterior Girder	62.5802	0.95	1	1	3.340728
SU4_str	BOBJ1	108.2102	Before	Right Exterior Girder	62.5802	0.95	1	1	3.340728
SU4_str	BOBJ1	108.2102	After	Left Exterior Girder	62.5802	0.95	1	1	5.179829
SU4_str	BOBJ1	108.2102	After	Right Exterior Girder	62.5802	0.95	1	1	5.179829
SU4_str	BOBJ1	112.71	Before	Left Exterior Girder	67.08	0.95	1	1	2.336484
SU4_str	BOBJ1	112.71	Before	Interior Girder 1	67.08	0.95	1	1	2.288034
SU4_str	BOBJ1	112.71	Before	Interior Girder 2	67.08	0.95	1	1	2.23364
SU4_str	BOBJ1	112.71	Before	Interior Girder 3	67.08	0.95	1	1	1.875721
SU4_str	BOBJ1	112.71	Before	Interior Girder 4	67.08	0.95	1	1	1.875721
SU4_str	BOBJ1	112.71	Before	Interior Girder 5	67.08	0.95	1	1	2.23364
SU4_str	BOBJ1	112.71	Before	Interior Girder 6	67.08	0.95	1	1	2.288034
SU4_str	BOBJ1	112.71	Before	Right Exterior Girder	67.08	0.95	1	1	2.336484
SU4_str	BOBJ1	112.71	After	Left Exterior Girder	0	0.95	1	1	2.332098
SU4_str	BOBJ1	112.71	After	Interior Girder 1	0	0.95	1	1	2.615567
SU4_str	BOBJ1	112.71	After	Interior Girder 2	0	0.95	1	1	2.425663
SU4_str	BOBJ1	112.71	After	Interior Girder 3	0	0.95	1	1	2.037772
SU4_str	BOBJ1	112.71	After	Interior Girder 4	0	0.95	1	1	2.037772
SU4_str	BOBJ1	112.71	After	Interior Girder 5	0	0.95	1	1	2.425663
SU4_str	BOBJ1	112.71	After	Interior Girder 6	0	0.95	1	1	2.615567
SU4_str	BOBJ1	112.71	After	Right Exterior Girder	0	0.95	1	1	2.332098
SU4_str	BOBJ1	117.21	Before	Left Exterior Girder	4.5	0.95	1	1	3.538578
SU4_str	BOBJ1	117.21	Before	Right Exterior Girder	4.5	0.95	1	1	3.538578
SU4_str	BOBJ1	117.21	After	Left Exterior Girder	4.5	0.95	1	1	2.260065
SU4_str	BOBJ1	117.21	After	Right Exterior Girder	4.5	0.95	1	1	2.260065
SU4_str	BOBJ1	119.1	Before	Left Exterior Girder	6.39	0.95	1	1	2.792946
SU4_str	BOBJ1	119.1	Before	Interior Girder 1	6.39	0.95	1	1	3.847982
SU4_str	BOBJ1	119.1	Before	Interior Girder 2	6.39	0.95	1	1	3.801345
SU4_str	BOBJ1	119.1	Before	Interior Girder 3	6.39	0.95	1	1	3.680012
SU4_str	BOBJ1	119.1	Before	Interior Girder 4	6.39	0.95	1	1	3.680012
SU4_str	BOBJ1	119.1	Before	Interior Girder 5	6.39	0.95	1	1	3.801345
SU4_str	BOBJ1	119.1	Before	Interior Girder 6	6.39	0.95	1	1	3.847982
SU4_str	BOBJ1	119.1	Before	Right Exterior Girder	6.39	0.95	1	1	2.792946
SU4_str	BOBJ1	119.1	After	Left Exterior Girder	6.39	0.95	1	1	2.73298
SU4_str	BOBJ1	119.1	After	Interior Girder 1	6.39	0.95	1	1	3.918247
SU4_str	BOBJ1	119.1	After	Interior Girder 2	6.39	0.95	1	1	3.853821

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelINonCompStrgth-Flx - Approach, Span 16-19									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
SU4_str	BOBJ1	119.1	After	Interior Girder 3	6.39	0.95	1	1	3.701273
SU4_str	BOBJ1	119.1	After	Interior Girder 4	6.39	0.95	1	1	3.701273
SU4_str	BOBJ1	119.1	After	Interior Girder 5	6.39	0.95	1	1	3.853821
SU4_str	BOBJ1	119.1	After	Interior Girder 6	6.39	0.95	1	1	3.918247
SU4_str	BOBJ1	119.1	After	Right Exterior Girder	6.39	0.95	1	1	2.73298
SU4_str	BOBJ1	125.49	Before	Left Exterior Girder	12.78	0.95	1	1	4.499831
SU4_str	BOBJ1	125.49	Before	Interior Girder 1	12.78	0.95	1	1	4.159666
SU4_str	BOBJ1	125.49	Before	Interior Girder 2	12.78	0.95	1	1	3.797386
SU4_str	BOBJ1	125.49	Before	Interior Girder 3	12.78	0.95	1	1	3.588882
SU4_str	BOBJ1	125.49	Before	Interior Girder 4	12.78	0.95	1	1	3.588882
SU4_str	BOBJ1	125.49	Before	Interior Girder 5	12.78	0.95	1	1	3.797386
SU4_str	BOBJ1	125.49	Before	Interior Girder 6	12.78	0.95	1	1	4.159666
SU4_str	BOBJ1	125.49	Before	Right Exterior Girder	12.78	0.95	1	1	4.499831
SU4_str	BOBJ1	125.49	After	Left Exterior Girder	12.78	0.95	1	1	4.441631
SU4_str	BOBJ1	125.49	After	Interior Girder 1	12.78	0.95	1	1	4.175301
SU4_str	BOBJ1	125.49	After	Interior Girder 2	12.78	0.95	1	1	3.832516
SU4_str	BOBJ1	125.49	After	Interior Girder 3	12.78	0.95	1	1	3.697789
SU4_str	BOBJ1	125.49	After	Interior Girder 4	12.78	0.95	1	1	3.697789
SU4_str	BOBJ1	125.49	After	Interior Girder 5	12.78	0.95	1	1	3.832516
SU4_str	BOBJ1	125.49	After	Interior Girder 6	12.78	0.95	1	1	4.175301
SU4_str	BOBJ1	125.49	After	Right Exterior Girder	12.78	0.95	1	1	4.441631
SU4_str	BOBJ1	131.88	Before	Left Exterior Girder	19.17	0.95	1	1	3.390533
SU4_str	BOBJ1	131.88	Before	Interior Girder 1	19.17	0.95	1	1	3.045807
SU4_str	BOBJ1	131.88	Before	Interior Girder 2	19.17	0.95	1	1	2.783981
SU4_str	BOBJ1	131.88	Before	Interior Girder 3	19.17	0.95	1	1	2.692899
SU4_str	BOBJ1	131.88	Before	Interior Girder 4	19.17	0.95	1	1	2.692899
SU4_str	BOBJ1	131.88	Before	Interior Girder 5	19.17	0.95	1	1	2.783981
SU4_str	BOBJ1	131.88	Before	Interior Girder 6	19.17	0.95	1	1	3.045807
SU4_str	BOBJ1	131.88	Before	Right Exterior Girder	19.17	0.95	1	1	3.390533
SU4_str	BOBJ1	131.88	After	Left Exterior Girder	19.17	0.95	1	1	3.421944
SU4_str	BOBJ1	131.88	After	Interior Girder 1	19.17	0.95	1	1	3.02688
SU4_str	BOBJ1	131.88	After	Interior Girder 2	19.17	0.95	1	1	2.780186
SU4_str	BOBJ1	131.88	After	Interior Girder 3	19.17	0.95	1	1	2.71286
SU4_str	BOBJ1	131.88	After	Interior Girder 4	19.17	0.95	1	1	2.71286
SU4_str	BOBJ1	131.88	After	Interior Girder 5	19.17	0.95	1	1	2.780186
SU4_str	BOBJ1	131.88	After	Interior Girder 6	19.17	0.95	1	1	3.02688
SU4_str	BOBJ1	131.88	After	Right Exterior Girder	19.17	0.95	1	1	3.421944
SU4_str	BOBJ1	138.27	Before	Left Exterior Girder	25.56	0.95	1	1	3.011128
SU4_str	BOBJ1	138.27	Before	Interior Girder 1	25.56	0.95	1	1	2.358942
SU4_str	BOBJ1	138.27	Before	Interior Girder 2	25.56	0.95	1	1	2.233379
SU4_str	BOBJ1	138.27	Before	Interior Girder 3	25.56	0.95	1	1	2.125916
SU4_str	BOBJ1	138.27	Before	Interior Girder 4	25.56	0.95	1	1	2.125916
SU4_str	BOBJ1	138.27	Before	Interior Girder 5	25.56	0.95	1	1	2.233379
SU4_str	BOBJ1	138.27	Before	Interior Girder 6	25.56	0.95	1	1	2.358942
SU4_str	BOBJ1	138.27	Before	Right Exterior Girder	25.56	0.95	1	1	3.011128
SU4_str	BOBJ1	138.27	After	Left Exterior Girder	25.56	0.95	1	1	3.04893
SU4_str	BOBJ1	138.27	After	Interior Girder 1	25.56	0.95	1	1	2.341504
SU4_str	BOBJ1	138.27	After	Interior Girder 2	25.56	0.95	1	1	2.221302
SU4_str	BOBJ1	138.27	After	Interior Girder 3	25.56	0.95	1	1	2.126618
SU4_str	BOBJ1	138.27	After	Interior Girder 4	25.56	0.95	1	1	2.126618
SU4_str	BOBJ1	138.27	After	Interior Girder 5	25.56	0.95	1	1	2.221302
SU4_str	BOBJ1	138.27	After	Interior Girder 6	25.56	0.95	1	1	2.341504
SU4_str	BOBJ1	138.27	After	Right Exterior Girder	25.56	0.95	1	1	3.04893
SU4_str	BOBJ1	144.66	Before	Left Exterior Girder	31.95	0.95	1	1	3.115147
SU4_str	BOBJ1	144.66	Before	Interior Girder 1	31.95	0.95	1	1	2.3627
SU4_str	BOBJ1	144.66	Before	Interior Girder 2	31.95	0.95	1	1	2.241214
SU4_str	BOBJ1	144.66	Before	Interior Girder 3	31.95	0.95	1	1	2.145664
SU4_str	BOBJ1	144.66	Before	Interior Girder 4	31.95	0.95	1	1	2.145664
SU4_str	BOBJ1	144.66	Before	Interior Girder 5	31.95	0.95	1	1	2.241214
SU4_str	BOBJ1	144.66	Before	Interior Girder 6	31.95	0.95	1	1	2.3627
SU4_str	BOBJ1	144.66	Before	Right Exterior Girder	31.95	0.95	1	1	3.115147
SU4_str	BOBJ1	144.66	After	Left Exterior Girder	31.95	0.95	1	1	3.072764
SU4_str	BOBJ1	144.66	After	Interior Girder 1	31.95	0.95	1	1	2.384863
SU4_str	BOBJ1	144.66	After	Interior Girder 2	31.95	0.95	1	1	2.252501
SU4_str	BOBJ1	144.66	After	Interior Girder 3	31.95	0.95	1	1	2.141933

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelINonCompStrgth-Flx - Approach, Span 16-19									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
SU4_str	BOBJ1	144.66	After	Interior Girder 4	31.95	0.95	1	1	2.141933
SU4_str	BOBJ1	144.66	After	Interior Girder 5	31.95	0.95	1	1	2.252501
SU4_str	BOBJ1	144.66	After	Interior Girder 6	31.95	0.95	1	1	2.384863
SU4_str	BOBJ1	144.66	After	Right Exterior Girder	31.95	0.95	1	1	3.072764
SU4_str	BOBJ1	151.05	Before	Left Exterior Girder	38.34	0.95	1	1	3.650683
SU4_str	BOBJ1	151.05	Before	Interior Girder 1	38.34	0.95	1	1	3.118163
SU4_str	BOBJ1	151.05	Before	Interior Girder 2	38.34	0.95	1	1	2.855434
SU4_str	BOBJ1	151.05	Before	Interior Girder 3	38.34	0.95	1	1	2.779142
SU4_str	BOBJ1	151.05	Before	Interior Girder 4	38.34	0.95	1	1	2.779142
SU4_str	BOBJ1	151.05	Before	Interior Girder 5	38.34	0.95	1	1	2.855434
SU4_str	BOBJ1	151.05	Before	Interior Girder 6	38.34	0.95	1	1	3.118163
SU4_str	BOBJ1	151.05	Before	Right Exterior Girder	38.34	0.95	1	1	3.650683
SU4_str	BOBJ1	151.05	After	Left Exterior Girder	38.34	0.95	1	1	3.608155
SU4_str	BOBJ1	151.05	After	Interior Girder 1	38.34	0.95	1	1	3.144638
SU4_str	BOBJ1	151.05	After	Interior Girder 2	38.34	0.95	1	1	2.858735
SU4_str	BOBJ1	151.05	After	Interior Girder 3	38.34	0.95	1	1	2.753913
SU4_str	BOBJ1	151.05	After	Interior Girder 4	38.34	0.95	1	1	2.753913
SU4_str	BOBJ1	151.05	After	Interior Girder 5	38.34	0.95	1	1	2.858735
SU4_str	BOBJ1	151.05	After	Interior Girder 6	38.34	0.95	1	1	3.144638
SU4_str	BOBJ1	151.05	After	Right Exterior Girder	38.34	0.95	1	1	3.608155
SU4_str	BOBJ1	157.4367	Before	Left Exterior Girder	44.7267	0.95	1	1	4.469554
SU4_str	BOBJ1	157.4367	Before	Interior Girder 1	44.7267	0.95	1	1	4.39753
SU4_str	BOBJ1	157.4367	Before	Interior Girder 2	44.7267	0.95	1	1	4.014255
SU4_str	BOBJ1	157.4367	Before	Interior Girder 3	44.7267	0.95	1	1	3.853661
SU4_str	BOBJ1	157.4367	Before	Interior Girder 4	44.7267	0.95	1	1	3.853661
SU4_str	BOBJ1	157.4367	Before	Interior Girder 5	44.7267	0.95	1	1	4.014255
SU4_str	BOBJ1	157.4367	Before	Interior Girder 6	44.7267	0.95	1	1	4.39753
SU4_str	BOBJ1	157.4367	Before	Right Exterior Girder	44.7267	0.95	1	1	4.469554
SU4_str	BOBJ1	157.4367	After	Left Exterior Girder	44.7267	0.95	1	1	4.519039
SU4_str	BOBJ1	157.4367	After	Interior Girder 1	44.7267	0.95	1	1	4.392312
SU4_str	BOBJ1	157.4367	After	Interior Girder 2	44.7267	0.95	1	1	4.001545
SU4_str	BOBJ1	157.4367	After	Interior Girder 3	44.7267	0.95	1	1	3.801381
SU4_str	BOBJ1	157.4367	After	Interior Girder 4	44.7267	0.95	1	1	3.801381
SU4_str	BOBJ1	157.4367	After	Interior Girder 5	44.7267	0.95	1	1	4.001545
SU4_str	BOBJ1	157.4367	After	Interior Girder 6	44.7267	0.95	1	1	4.392312
SU4_str	BOBJ1	157.4367	After	Right Exterior Girder	44.7267	0.95	1	1	4.519039
SU4_str	BOBJ1	158.71	Before	Left Exterior Girder	46	0.95	1	1	4.112032
SU4_str	BOBJ1	158.71	Before	Interior Girder 1	46	0.95	1	1	4.403723
SU4_str	BOBJ1	158.71	Before	Interior Girder 2	46	0.95	1	1	4.289398
SU4_str	BOBJ1	158.71	Before	Interior Girder 3	46	0.95	1	1	4.262043
SU4_str	BOBJ1	158.71	Before	Interior Girder 4	46	0.95	1	1	4.262043
SU4_str	BOBJ1	158.71	Before	Interior Girder 5	46	0.95	1	1	4.289398
SU4_str	BOBJ1	158.71	Before	Interior Girder 6	46	0.95	1	1	4.403723
SU4_str	BOBJ1	158.71	Before	Right Exterior Girder	46	0.95	1	1	4.112032
SU4_str	BOBJ1	158.71	After	Left Exterior Girder	46	0.95	1	1	5.689418
SU4_str	BOBJ1	158.71	After	Interior Girder 1	46	0.95	1	1	5.543249
SU4_str	BOBJ1	158.71	After	Interior Girder 2	46	0.95	1	1	5.38291
SU4_str	BOBJ1	158.71	After	Interior Girder 3	46	0.95	1	1	5.086088
SU4_str	BOBJ1	158.71	After	Interior Girder 4	46	0.95	1	1	5.086088
SU4_str	BOBJ1	158.71	After	Interior Girder 5	46	0.95	1	1	5.38291
SU4_str	BOBJ1	158.71	After	Interior Girder 6	46	0.95	1	1	5.543249
SU4_str	BOBJ1	158.71	After	Right Exterior Girder	46	0.95	1	1	5.689418
SU4_str	BOBJ1	163.8233	Before	Left Exterior Girder	51.1133	0.95	1	1	4.020629
SU4_str	BOBJ1	163.8233	Before	Interior Girder 1	51.1133	0.95	1	1	4.276916
SU4_str	BOBJ1	163.8233	Before	Interior Girder 2	51.1133	0.95	1	1	4.102211
SU4_str	BOBJ1	163.8233	Before	Interior Girder 3	51.1133	0.95	1	1	3.877048
SU4_str	BOBJ1	163.8233	Before	Interior Girder 4	51.1133	0.95	1	1	3.877048
SU4_str	BOBJ1	163.8233	Before	Interior Girder 5	51.1133	0.95	1	1	4.102211
SU4_str	BOBJ1	163.8233	Before	Interior Girder 6	51.1133	0.95	1	1	4.276916
SU4_str	BOBJ1	163.8233	Before	Right Exterior Girder	51.1133	0.95	1	1	4.020629
SU4_str	BOBJ1	163.8233	After	Left Exterior Girder	51.1133	0.95	1	1	4.095142
SU4_str	BOBJ1	163.8233	After	Interior Girder 1	51.1133	0.95	1	1	4.176001
SU4_str	BOBJ1	163.8233	After	Interior Girder 2	51.1133	0.95	1	1	4.022964
SU4_str	BOBJ1	163.8233	After	Interior Girder 3	51.1133	0.95	1	1	3.813823
SU4_str	BOBJ1	163.8233	After	Interior Girder 4	51.1133	0.95	1	1	3.813823

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelINonCompStrgth-Flx - Approach, Span 16-19									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
SU4_str	BOBJ1	163.8233	After	Interior Girder 5	51.1133	0.95	1	1	4.022964
SU4_str	BOBJ1	163.8233	After	Interior Girder 6	51.1133	0.95	1	1	4.176001
SU4_str	BOBJ1	163.8233	After	Right Exterior Girder	51.1133	0.95	1	1	4.095142
SU4_str	BOBJ1	164.71	Before	Left Exterior Girder	52	0.95	1	1	3.801161
SU4_str	BOBJ1	164.71	Before	Right Exterior Girder	52	0.95	1	1	3.801161
SU4_str	BOBJ1	164.71	After	Left Exterior Girder	52	0.95	1	1	5.985298
SU4_str	BOBJ1	164.71	After	Right Exterior Girder	52	0.95	1	1	5.985298
SU4_str	BOBJ1	170.21	Before	Left Exterior Girder	57.5	0.95	1	1	4.140423
SU4_str	BOBJ1	170.21	Before	Interior Girder 1	57.5	0.95	1	1	2.577962
SU4_str	BOBJ1	170.21	Before	Interior Girder 2	57.5	0.95	1	1	2.425898
SU4_str	BOBJ1	170.21	Before	Interior Girder 3	57.5	0.95	1	1	1.942644
SU4_str	BOBJ1	170.21	Before	Interior Girder 4	57.5	0.95	1	1	1.942644
SU4_str	BOBJ1	170.21	Before	Interior Girder 5	57.5	0.95	1	1	2.425898
SU4_str	BOBJ1	170.21	Before	Interior Girder 6	57.5	0.95	1	1	2.577962
SU4_str	BOBJ1	170.21	Before	Right Exterior Girder	57.5	0.95	1	1	4.140423
SU4_str	BOBJ1	170.21	After	Left Exterior Girder	0	0.95	1	1	4.21495
SU4_str	BOBJ1	170.21	After	Interior Girder 1	0	0.95	1	1	3.300452
SU4_str	BOBJ1	170.21	After	Interior Girder 2	0	0.95	1	1	3.11412
SU4_str	BOBJ1	170.21	After	Interior Girder 3	0	0.95	1	1	2.583091
SU4_str	BOBJ1	170.21	After	Interior Girder 4	0	0.95	1	1	2.583091
SU4_str	BOBJ1	170.21	After	Interior Girder 5	0	0.95	1	1	3.11412
SU4_str	BOBJ1	170.21	After	Interior Girder 6	0	0.95	1	1	3.300452
SU4_str	BOBJ1	170.21	After	Right Exterior Girder	0	0.95	1	1	4.21495
SU4_str	BOBJ1	176.21	Before	Left Exterior Girder	6	0.95	1	1	7.136181
SU4_str	BOBJ1	176.21	Before	Right Exterior Girder	6	0.95	1	1	7.136181
SU4_str	BOBJ1	176.21	After	Left Exterior Girder	6	0.95	1	1	4.659406
SU4_str	BOBJ1	176.21	After	Right Exterior Girder	6	0.95	1	1	4.659406
SU4_str	BOBJ1	176.6	Before	Left Exterior Girder	6.39	0.95	1	1	4.824583
SU4_str	BOBJ1	176.6	Before	Interior Girder 1	6.39	0.95	1	1	5.831477
SU4_str	BOBJ1	176.6	Before	Interior Girder 2	6.39	0.95	1	1	5.473961
SU4_str	BOBJ1	176.6	Before	Interior Girder 3	6.39	0.95	1	1	5.185855
SU4_str	BOBJ1	176.6	Before	Interior Girder 4	6.39	0.95	1	1	5.185855
SU4_str	BOBJ1	176.6	Before	Interior Girder 5	6.39	0.95	1	1	5.473961
SU4_str	BOBJ1	176.6	Before	Interior Girder 6	6.39	0.95	1	1	5.831477
SU4_str	BOBJ1	176.6	Before	Right Exterior Girder	6.39	0.95	1	1	4.824583
SU4_str	BOBJ1	176.6	After	Left Exterior Girder	6.39	0.95	1	1	4.702895
SU4_str	BOBJ1	176.6	After	Interior Girder 1	6.39	0.95	1	1	5.979654
SU4_str	BOBJ1	176.6	After	Interior Girder 2	6.39	0.95	1	1	5.597541
SU4_str	BOBJ1	176.6	After	Interior Girder 3	6.39	0.95	1	1	5.296524
SU4_str	BOBJ1	176.6	After	Interior Girder 4	6.39	0.95	1	1	5.296524
SU4_str	BOBJ1	176.6	After	Interior Girder 5	6.39	0.95	1	1	5.597541
SU4_str	BOBJ1	176.6	After	Interior Girder 6	6.39	0.95	1	1	5.979654
SU4_str	BOBJ1	176.6	After	Right Exterior Girder	6.39	0.95	1	1	4.702895
SU4_str	BOBJ1	182.99	Before	Left Exterior Girder	12.78	0.95	1	1	7.125021
SU4_str	BOBJ1	182.99	Before	Interior Girder 1	12.78	0.95	1	1	4.632715
SU4_str	BOBJ1	182.99	Before	Interior Girder 2	12.78	0.95	1	1	4.216628
SU4_str	BOBJ1	182.99	Before	Interior Girder 3	12.78	0.95	1	1	4.010077
SU4_str	BOBJ1	182.99	Before	Interior Girder 4	12.78	0.95	1	1	4.010077
SU4_str	BOBJ1	182.99	Before	Interior Girder 5	12.78	0.95	1	1	4.216628
SU4_str	BOBJ1	182.99	Before	Interior Girder 6	12.78	0.95	1	1	4.632715
SU4_str	BOBJ1	182.99	Before	Right Exterior Girder	12.78	0.95	1	1	7.125021
SU4_str	BOBJ1	182.99	After	Left Exterior Girder	12.78	0.95	1	1	7.043019
SU4_str	BOBJ1	182.99	After	Interior Girder 1	12.78	0.95	1	1	4.64051
SU4_str	BOBJ1	182.99	After	Interior Girder 2	12.78	0.95	1	1	4.255531
SU4_str	BOBJ1	182.99	After	Interior Girder 3	12.78	0.95	1	1	4.147798
SU4_str	BOBJ1	182.99	After	Interior Girder 4	12.78	0.95	1	1	4.147798
SU4_str	BOBJ1	182.99	After	Interior Girder 5	12.78	0.95	1	1	4.255531
SU4_str	BOBJ1	182.99	After	Interior Girder 6	12.78	0.95	1	1	4.64051
SU4_str	BOBJ1	182.99	After	Right Exterior Girder	12.78	0.95	1	1	7.043019
SU4_str	BOBJ1	189.38	Before	Left Exterior Girder	19.17	0.95	1	1	3.640784
SU4_str	BOBJ1	189.38	Before	Interior Girder 1	19.17	0.95	1	1	3.058556
SU4_str	BOBJ1	189.38	Before	Interior Girder 2	19.17	0.95	1	1	2.809673
SU4_str	BOBJ1	189.38	Before	Interior Girder 3	19.17	0.95	1	1	2.744779
SU4_str	BOBJ1	189.38	Before	Interior Girder 4	19.17	0.95	1	1	2.744779
SU4_str	BOBJ1	189.38	Before	Interior Girder 5	19.17	0.95	1	1	2.809673

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelINonCompStrgth-Flx - Approach, Span 16-19									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
SU4_str	BOBJ1	189.38	Before	Interior Girder 6	19.17	0.95	1	1	3.058556
SU4_str	BOBJ1	189.38	Before	Right Exterior Girder	19.17	0.95	1	1	3.640784
SU4_str	BOBJ1	189.38	After	Left Exterior Girder	19.17	0.95	1	1	3.698633
SU4_str	BOBJ1	189.38	After	Interior Girder 1	19.17	0.95	1	1	3.024562
SU4_str	BOBJ1	189.38	After	Interior Girder 2	19.17	0.95	1	1	2.805341
SU4_str	BOBJ1	189.38	After	Interior Girder 3	19.17	0.95	1	1	2.768942
SU4_str	BOBJ1	189.38	After	Interior Girder 4	19.17	0.95	1	1	2.768942
SU4_str	BOBJ1	189.38	After	Interior Girder 5	19.17	0.95	1	1	2.805341
SU4_str	BOBJ1	189.38	After	Interior Girder 6	19.17	0.95	1	1	3.024562
SU4_str	BOBJ1	189.38	After	Right Exterior Girder	19.17	0.95	1	1	3.698633
SU4_str	BOBJ1	195.77	Before	Left Exterior Girder	25.56	0.95	1	1	2.770695
SU4_str	BOBJ1	195.77	Before	Interior Girder 1	25.56	0.95	1	1	2.11039
SU4_str	BOBJ1	195.77	Before	Interior Girder 2	25.56	0.95	1	1	2.026679
SU4_str	BOBJ1	195.77	Before	Interior Girder 3	25.56	0.95	1	1	1.964576
SU4_str	BOBJ1	195.77	Before	Interior Girder 4	25.56	0.95	1	1	1.964576
SU4_str	BOBJ1	195.77	Before	Interior Girder 5	25.56	0.95	1	1	2.026679
SU4_str	BOBJ1	195.77	Before	Interior Girder 6	25.56	0.95	1	1	2.11039
SU4_str	BOBJ1	195.77	Before	Right Exterior Girder	25.56	0.95	1	1	2.770695
SU4_str	BOBJ1	195.77	After	Left Exterior Girder	25.56	0.95	1	1	2.814384
SU4_str	BOBJ1	195.77	After	Interior Girder 1	25.56	0.95	1	1	2.083611
SU4_str	BOBJ1	195.77	After	Interior Girder 2	25.56	0.95	1	1	2.016168
SU4_str	BOBJ1	195.77	After	Interior Girder 3	25.56	0.95	1	1	1.969918
SU4_str	BOBJ1	195.77	After	Interior Girder 4	25.56	0.95	1	1	1.969918
SU4_str	BOBJ1	195.77	After	Interior Girder 5	25.56	0.95	1	1	2.016168
SU4_str	BOBJ1	195.77	After	Interior Girder 6	25.56	0.95	1	1	2.083611
SU4_str	BOBJ1	195.77	After	Right Exterior Girder	25.56	0.95	1	1	2.814384
SU4_str	BOBJ1	202.16	Before	Left Exterior Girder	31.95	0.95	1	1	2.424299
SU4_str	BOBJ1	202.16	Before	Interior Girder 1	31.95	0.95	1	1	1.850138
SU4_str	BOBJ1	202.16	Before	Interior Girder 2	31.95	0.95	1	1	1.80296
SU4_str	BOBJ1	202.16	Before	Interior Girder 3	31.95	0.95	1	1	1.758962
SU4_str	BOBJ1	202.16	Before	Interior Girder 4	31.95	0.95	1	1	1.758962
SU4_str	BOBJ1	202.16	Before	Interior Girder 5	31.95	0.95	1	1	1.80296
SU4_str	BOBJ1	202.16	Before	Interior Girder 6	31.95	0.95	1	1	1.850138
SU4_str	BOBJ1	202.16	Before	Right Exterior Girder	31.95	0.95	1	1	2.424299
SU4_str	BOBJ1	202.16	After	Left Exterior Girder	31.95	0.95	1	1	2.406376
SU4_str	BOBJ1	202.16	After	Interior Girder 1	31.95	0.95	1	1	1.857085
SU4_str	BOBJ1	202.16	After	Interior Girder 2	31.95	0.95	1	1	1.813186
SU4_str	BOBJ1	202.16	After	Interior Girder 3	31.95	0.95	1	1	1.765353
SU4_str	BOBJ1	202.16	After	Interior Girder 4	31.95	0.95	1	1	1.765353
SU4_str	BOBJ1	202.16	After	Interior Girder 5	31.95	0.95	1	1	1.813186
SU4_str	BOBJ1	202.16	After	Interior Girder 6	31.95	0.95	1	1	1.857085
SU4_str	BOBJ1	202.16	After	Right Exterior Girder	31.95	0.95	1	1	2.406376
SU4_str	BOBJ1	208.55	Before	Left Exterior Girder	38.34	0.95	1	1	2.35794
SU4_str	BOBJ1	208.55	Before	Interior Girder 1	38.34	0.95	1	1	2.017956
SU4_str	BOBJ1	208.55	Before	Interior Girder 2	38.34	0.95	1	1	1.947642
SU4_str	BOBJ1	208.55	Before	Interior Girder 3	38.34	0.95	1	1	1.930787
SU4_str	BOBJ1	208.55	Before	Interior Girder 4	38.34	0.95	1	1	1.930787
SU4_str	BOBJ1	208.55	Before	Interior Girder 5	38.34	0.95	1	1	1.947642
SU4_str	BOBJ1	208.55	Before	Interior Girder 6	38.34	0.95	1	1	2.017956
SU4_str	BOBJ1	208.55	Before	Right Exterior Girder	38.34	0.95	1	1	2.35794
SU4_str	BOBJ1	208.55	After	Left Exterior Girder	38.34	0.95	1	1	2.334606
SU4_str	BOBJ1	208.55	After	Interior Girder 1	38.34	0.95	1	1	2.030485
SU4_str	BOBJ1	208.55	After	Interior Girder 2	38.34	0.95	1	1	1.947949
SU4_str	BOBJ1	208.55	After	Interior Girder 3	38.34	0.95	1	1	1.925657
SU4_str	BOBJ1	208.55	After	Interior Girder 4	38.34	0.95	1	1	1.925657
SU4_str	BOBJ1	208.55	After	Interior Girder 5	38.34	0.95	1	1	1.947949
SU4_str	BOBJ1	208.55	After	Interior Girder 6	38.34	0.95	1	1	2.030485
SU4_str	BOBJ1	208.55	After	Right Exterior Girder	38.34	0.95	1	1	2.334606
SU4_str	BOBJ1	215.1233	Before	Left Exterior Girder	44.9133	0.95	1	1	3.264413
SU4_str	BOBJ1	215.1233	Before	Interior Girder 1	44.9133	0.95	1	1	2.382769
SU4_str	BOBJ1	215.1233	Before	Interior Girder 2	44.9133	0.95	1	1	2.288027
SU4_str	BOBJ1	215.1233	Before	Interior Girder 3	44.9133	0.95	1	1	2.186925
SU4_str	BOBJ1	215.1233	Before	Interior Girder 4	44.9133	0.95	1	1	2.186925
SU4_str	BOBJ1	215.1233	Before	Interior Girder 5	44.9133	0.95	1	1	2.288027
SU4_str	BOBJ1	215.1233	Before	Interior Girder 6	44.9133	0.95	1	1	2.382769

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelINonCompStrgth-Flx - Approach, Span 16-19									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
SU4_str	BOBJ1	215.1233	Before	Right Exterior Girder	44.9133	0.95	1	1	3.264413
SU4_str	BOBJ1	215.1233	After	Left Exterior Girder	44.9133	0.95	1	1	3.246564
SU4_str	BOBJ1	215.1233	After	Interior Girder 1	44.9133	0.95	1	1	2.391439
SU4_str	BOBJ1	215.1233	After	Interior Girder 2	44.9133	0.95	1	1	2.260851
SU4_str	BOBJ1	215.1233	After	Interior Girder 3	44.9133	0.95	1	1	2.150357
SU4_str	BOBJ1	215.1233	After	Interior Girder 4	44.9133	0.95	1	1	2.150357
SU4_str	BOBJ1	215.1233	After	Interior Girder 5	44.9133	0.95	1	1	2.260851
SU4_str	BOBJ1	215.1233	After	Interior Girder 6	44.9133	0.95	1	1	2.391439
SU4_str	BOBJ1	215.1233	After	Right Exterior Girder	44.9133	0.95	1	1	3.246564
SU4_str	BOBJ1	221.6967	Before	Left Exterior Girder	51.4867	0.95	1	1	6.632692
SU4_str	BOBJ1	221.6967	Before	Interior Girder 1	51.4867	0.95	1	1	3.967115
SU4_str	BOBJ1	221.6967	Before	Interior Girder 2	51.4867	0.95	1	1	3.787017
SU4_str	BOBJ1	221.6967	Before	Interior Girder 3	51.4867	0.95	1	1	3.403253
SU4_str	BOBJ1	221.6967	Before	Interior Girder 4	51.4867	0.95	1	1	3.403253
SU4_str	BOBJ1	221.6967	Before	Interior Girder 5	51.4867	0.95	1	1	3.787017
SU4_str	BOBJ1	221.6967	Before	Interior Girder 6	51.4867	0.95	1	1	3.967115
SU4_str	BOBJ1	221.6967	Before	Right Exterior Girder	51.4867	0.95	1	1	6.632692
SU4_str	BOBJ1	221.6967	After	Left Exterior Girder	51.4867	0.95	1	1	6.60803
SU4_str	BOBJ1	221.6967	After	Interior Girder 1	51.4867	0.95	1	1	3.980425
SU4_str	BOBJ1	221.6967	After	Interior Girder 2	51.4867	0.95	1	1	3.73203
SU4_str	BOBJ1	221.6967	After	Interior Girder 3	51.4867	0.95	1	1	3.276067
SU4_str	BOBJ1	221.6967	After	Interior Girder 4	51.4867	0.95	1	1	3.276067
SU4_str	BOBJ1	221.6967	After	Interior Girder 5	51.4867	0.95	1	1	3.73203
SU4_str	BOBJ1	221.6967	After	Interior Girder 6	51.4867	0.95	1	1	3.980425
SU4_str	BOBJ1	221.6967	After	Right Exterior Girder	51.4867	0.95	1	1	6.60803
SU4_str	BOBJ1	228.27	Before	Left Exterior Girder	58.06	0.95	1	1	476.867675
SU4_str	BOBJ1	228.27	Before	Interior Girder 1	58.06	0.95	1	1	358.997423
SU4_str	BOBJ1	228.27	Before	Interior Girder 2	58.06	0.95	1	1	235.77903
SU4_str	BOBJ1	228.27	Before	Interior Girder 3	58.06	0.95	1	1	175.304178
SU4_str	BOBJ1	228.27	Before	Interior Girder 4	58.06	0.95	1	1	175.304177
SU4_str	BOBJ1	228.27	Before	Interior Girder 5	58.06	0.95	1	1	235.77903
SU4_str	BOBJ1	228.27	Before	Interior Girder 6	58.06	0.95	1	1	358.997423
SU4_str	BOBJ1	228.27	Before	Right Exterior Girder	58.06	0.95	1	1	476.867676
SU5_str	BOBJ1	0	After	Left Exterior Girder	0	0.95	1	1	438.693419
SU5_str	BOBJ1	0	After	Interior Girder 1	0	0.95	1	1	403.829003
SU5_str	BOBJ1	0	After	Interior Girder 2	0	0.95	1	1	240.813423
SU5_str	BOBJ1	0	After	Interior Girder 3	0	0.95	1	1	190.85837
SU5_str	BOBJ1	0	After	Interior Girder 4	0	0.95	1	1	190.85837
SU5_str	BOBJ1	0	After	Interior Girder 5	0	0.95	1	1	240.813426
SU5_str	BOBJ1	0	After	Interior Girder 6	0	0.95	1	1	403.829003
SU5_str	BOBJ1	0	After	Right Exterior Girder	0	0.95	1	1	438.693419
SU5_str	BOBJ1	5.3833	Before	Left Exterior Girder	5.3833	0.95	1	1	6.284945
SU5_str	BOBJ1	5.3833	Before	Interior Girder 1	5.3833	0.95	1	1	3.958366
SU5_str	BOBJ1	5.3833	Before	Interior Girder 2	5.3833	0.95	1	1	3.709168
SU5_str	BOBJ1	5.3833	Before	Interior Girder 3	5.3833	0.95	1	1	3.227946
SU5_str	BOBJ1	5.3833	Before	Interior Girder 4	5.3833	0.95	1	1	3.227946
SU5_str	BOBJ1	5.3833	Before	Interior Girder 5	5.3833	0.95	1	1	3.709168
SU5_str	BOBJ1	5.3833	Before	Interior Girder 6	5.3833	0.95	1	1	3.958366
SU5_str	BOBJ1	5.3833	Before	Right Exterior Girder	5.3833	0.95	1	1	6.284945
SU5_str	BOBJ1	5.3833	After	Left Exterior Girder	5.3833	0.95	1	1	6.35282
SU5_str	BOBJ1	5.3833	After	Interior Girder 1	5.3833	0.95	1	1	3.970772
SU5_str	BOBJ1	5.3833	After	Interior Girder 2	5.3833	0.95	1	1	3.769499
SU5_str	BOBJ1	5.3833	After	Interior Girder 3	5.3833	0.95	1	1	3.34245
SU5_str	BOBJ1	5.3833	After	Interior Girder 4	5.3833	0.95	1	1	3.34245
SU5_str	BOBJ1	5.3833	After	Interior Girder 5	5.3833	0.95	1	1	3.769499
SU5_str	BOBJ1	5.3833	After	Interior Girder 6	5.3833	0.95	1	1	3.970772
SU5_str	BOBJ1	5.3833	After	Right Exterior Girder	5.3833	0.95	1	1	6.35282
SU5_str	BOBJ1	10.7667	Before	Left Exterior Girder	10.7667	0.95	1	1	3.41801
SU5_str	BOBJ1	10.7667	Before	Interior Girder 1	10.7667	0.95	1	1	2.511353
SU5_str	BOBJ1	10.7667	Before	Interior Girder 2	10.7667	0.95	1	1	2.337927
SU5_str	BOBJ1	10.7667	Before	Interior Girder 3	10.7667	0.95	1	1	2.191439
SU5_str	BOBJ1	10.7667	Before	Interior Girder 4	10.7667	0.95	1	1	2.191439
SU5_str	BOBJ1	10.7667	Before	Interior Girder 5	10.7667	0.95	1	1	2.337927
SU5_str	BOBJ1	10.7667	Before	Interior Girder 6	10.7667	0.95	1	1	2.511353
SU5_str	BOBJ1	10.7667	Before	Right Exterior Girder	10.7667	0.95	1	1	3.41801

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelINonCompStrgth-Flx - Approach, Span 16-19									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
SU5_str	BOBJ1	10.7667	After	Left Exterior Girder	10.7667	0.95	1	1	3.403348
SU5_str	BOBJ1	10.7667	After	Interior Girder 1	10.7667	0.95	1	1	2.51526
SU5_str	BOBJ1	10.7667	After	Interior Girder 2	10.7667	0.95	1	1	2.368165
SU5_str	BOBJ1	10.7667	After	Interior Girder 3	10.7667	0.95	1	1	2.224522
SU5_str	BOBJ1	10.7667	After	Interior Girder 4	10.7667	0.95	1	1	2.224522
SU5_str	BOBJ1	10.7667	After	Interior Girder 5	10.7667	0.95	1	1	2.368165
SU5_str	BOBJ1	10.7667	After	Interior Girder 6	10.7667	0.95	1	1	2.51526
SU5_str	BOBJ1	10.7667	After	Right Exterior Girder	10.7667	0.95	1	1	3.403348
SU5_str	BOBJ1	16.15	Before	Left Exterior Girder	16.15	0.95	1	1	2.580458
SU5_str	BOBJ1	16.15	Before	Interior Girder 1	16.15	0.95	1	1	2.228572
SU5_str	BOBJ1	16.15	Before	Interior Girder 2	16.15	0.95	1	1	2.079318
SU5_str	BOBJ1	16.15	Before	Interior Girder 3	16.15	0.95	1	1	2.011665
SU5_str	BOBJ1	16.15	Before	Interior Girder 4	16.15	0.95	1	1	2.011665
SU5_str	BOBJ1	16.15	Before	Interior Girder 5	16.15	0.95	1	1	2.079318
SU5_str	BOBJ1	16.15	Before	Interior Girder 6	16.15	0.95	1	1	2.228572
SU5_str	BOBJ1	16.15	Before	Right Exterior Girder	16.15	0.95	1	1	2.580458
SU5_str	BOBJ1	16.15	After	Left Exterior Girder	16.15	0.95	1	1	2.589651
SU5_str	BOBJ1	16.15	After	Interior Girder 1	16.15	0.95	1	1	2.219985
SU5_str	BOBJ1	16.15	After	Interior Girder 2	16.15	0.95	1	1	2.083284
SU5_str	BOBJ1	16.15	After	Interior Girder 3	16.15	0.95	1	1	2.019088
SU5_str	BOBJ1	16.15	After	Interior Girder 4	16.15	0.95	1	1	2.019088
SU5_str	BOBJ1	16.15	After	Interior Girder 5	16.15	0.95	1	1	2.083284
SU5_str	BOBJ1	16.15	After	Interior Girder 6	16.15	0.95	1	1	2.219985
SU5_str	BOBJ1	16.15	After	Right Exterior Girder	16.15	0.95	1	1	2.589651
SU5_str	BOBJ1	22.1267	Before	Left Exterior Girder	22.1267	0.95	1	1	2.875576
SU5_str	BOBJ1	22.1267	Before	Interior Girder 1	22.1267	0.95	1	1	2.16842
SU5_str	BOBJ1	22.1267	Before	Interior Girder 2	22.1267	0.95	1	1	2.048271
SU5_str	BOBJ1	22.1267	Before	Interior Girder 3	22.1267	0.95	1	1	1.952379
SU5_str	BOBJ1	22.1267	Before	Interior Girder 4	22.1267	0.95	1	1	1.952379
SU5_str	BOBJ1	22.1267	Before	Interior Girder 5	22.1267	0.95	1	1	2.048271
SU5_str	BOBJ1	22.1267	Before	Interior Girder 6	22.1267	0.95	1	1	2.16842
SU5_str	BOBJ1	22.1267	Before	Right Exterior Girder	22.1267	0.95	1	1	2.875576
SU5_str	BOBJ1	22.1267	After	Left Exterior Girder	22.1267	0.95	1	1	2.895667
SU5_str	BOBJ1	22.1267	After	Interior Girder 1	22.1267	0.95	1	1	2.162742
SU5_str	BOBJ1	22.1267	After	Interior Girder 2	22.1267	0.95	1	1	2.039536
SU5_str	BOBJ1	22.1267	After	Interior Girder 3	22.1267	0.95	1	1	1.943243
SU5_str	BOBJ1	22.1267	After	Interior Girder 4	22.1267	0.95	1	1	1.943243
SU5_str	BOBJ1	22.1267	After	Interior Girder 5	22.1267	0.95	1	1	2.039536
SU5_str	BOBJ1	22.1267	After	Interior Girder 6	22.1267	0.95	1	1	2.162742
SU5_str	BOBJ1	22.1267	After	Right Exterior Girder	22.1267	0.95	1	1	2.895667
SU5_str	BOBJ1	28.1033	Before	Left Exterior Girder	28.1033	0.95	1	1	3.643965
SU5_str	BOBJ1	28.1033	Before	Interior Girder 1	28.1033	0.95	1	1	2.581323
SU5_str	BOBJ1	28.1033	Before	Interior Girder 2	28.1033	0.95	1	1	2.430273
SU5_str	BOBJ1	28.1033	Before	Interior Girder 3	28.1033	0.95	1	1	2.333717
SU5_str	BOBJ1	28.1033	Before	Interior Girder 4	28.1033	0.95	1	1	2.333717
SU5_str	BOBJ1	28.1033	Before	Interior Girder 5	28.1033	0.95	1	1	2.430273
SU5_str	BOBJ1	28.1033	Before	Interior Girder 6	28.1033	0.95	1	1	2.581323
SU5_str	BOBJ1	28.1033	Before	Right Exterior Girder	28.1033	0.95	1	1	3.643965
SU5_str	BOBJ1	28.1033	After	Left Exterior Girder	28.1033	0.95	1	1	3.600699
SU5_str	BOBJ1	28.1033	After	Interior Girder 1	28.1033	0.95	1	1	2.60766
SU5_str	BOBJ1	28.1033	After	Interior Girder 2	28.1033	0.95	1	1	2.434162
SU5_str	BOBJ1	28.1033	After	Interior Girder 3	28.1033	0.95	1	1	2.318349
SU5_str	BOBJ1	28.1033	After	Interior Girder 4	28.1033	0.95	1	1	2.318349
SU5_str	BOBJ1	28.1033	After	Interior Girder 5	28.1033	0.95	1	1	2.434162
SU5_str	BOBJ1	28.1033	After	Interior Girder 6	28.1033	0.95	1	1	2.60766
SU5_str	BOBJ1	28.1033	After	Right Exterior Girder	28.1033	0.95	1	1	3.600699
SU5_str	BOBJ1	34.08	Before	Left Exterior Girder	34.08	0.95	1	1	4.279723
SU5_str	BOBJ1	34.08	Before	Interior Girder 1	34.08	0.95	1	1	4.351227
SU5_str	BOBJ1	34.08	Before	Interior Girder 2	34.08	0.95	1	1	4.002742
SU5_str	BOBJ1	34.08	Before	Interior Girder 3	34.08	0.95	1	1	3.921899
SU5_str	BOBJ1	34.08	Before	Interior Girder 4	34.08	0.95	1	1	3.921899
SU5_str	BOBJ1	34.08	Before	Interior Girder 5	34.08	0.95	1	1	4.002742
SU5_str	BOBJ1	34.08	Before	Interior Girder 6	34.08	0.95	1	1	4.351227
SU5_str	BOBJ1	34.08	Before	Right Exterior Girder	34.08	0.95	1	1	4.279723
SU5_str	BOBJ1	34.08	After	Left Exterior Girder	34.08	0.95	1	1	4.0619

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelINonCompStrgth-Flx - Approach, Span 16-19									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
SU5_str	BOBJ1	34.08	After	Interior Girder 1	34.08	0.95	1	1	4.305058
SU5_str	BOBJ1	34.08	After	Interior Girder 2	34.08	0.95	1	1	3.995497
SU5_str	BOBJ1	34.08	After	Interior Girder 3	34.08	0.95	1	1	3.85488
SU5_str	BOBJ1	34.08	After	Interior Girder 4	34.08	0.95	1	1	3.85488
SU5_str	BOBJ1	34.08	After	Interior Girder 5	34.08	0.95	1	1	3.995497
SU5_str	BOBJ1	34.08	After	Interior Girder 6	34.08	0.95	1	1	4.305058
SU5_str	BOBJ1	34.08	After	Right Exterior Girder	34.08	0.95	1	1	4.0619
SU5_str	BOBJ1	39.855	Before	Left Exterior Girder	39.855	0.95	1	1	2.555589
SU5_str	BOBJ1	39.855	Before	Interior Girder 1	39.855	0.95	1	1	3.191493
SU5_str	BOBJ1	39.855	Before	Interior Girder 2	39.855	0.95	1	1	3.167053
SU5_str	BOBJ1	39.855	Before	Interior Girder 3	39.855	0.95	1	1	3.031764
SU5_str	BOBJ1	39.855	Before	Interior Girder 4	39.855	0.95	1	1	3.031764
SU5_str	BOBJ1	39.855	Before	Interior Girder 5	39.855	0.95	1	1	3.167053
SU5_str	BOBJ1	39.855	Before	Interior Girder 6	39.855	0.95	1	1	3.191493
SU5_str	BOBJ1	39.855	Before	Right Exterior Girder	39.855	0.95	1	1	2.555589
SU5_str	BOBJ1	39.855	After	Left Exterior Girder	39.855	0.95	1	1	2.606776
SU5_str	BOBJ1	39.855	After	Interior Girder 1	39.855	0.95	1	1	3.142602
SU5_str	BOBJ1	39.855	After	Interior Girder 2	39.855	0.95	1	1	3.127033
SU5_str	BOBJ1	39.855	After	Interior Girder 3	39.855	0.95	1	1	3.015818
SU5_str	BOBJ1	39.855	After	Interior Girder 4	39.855	0.95	1	1	3.015818
SU5_str	BOBJ1	39.855	After	Interior Girder 5	39.855	0.95	1	1	3.127033
SU5_str	BOBJ1	39.855	After	Interior Girder 6	39.855	0.95	1	1	3.142602
SU5_str	BOBJ1	39.855	After	Right Exterior Girder	39.855	0.95	1	1	2.606776
SU5_str	BOBJ1	40.0288	Before	Left Exterior Girder	40.0288	0.95	1	1	2.548825
SU5_str	BOBJ1	40.0288	Before	Right Exterior Girder	40.0288	0.95	1	1	2.548825
SU5_str	BOBJ1	40.0288	After	Left Exterior Girder	40.0288	0.95	1	1	3.769122
SU5_str	BOBJ1	40.0288	After	Right Exterior Girder	40.0288	0.95	1	1	3.769122
SU5_str	BOBJ1	45.63	Before	Left Exterior Girder	45.63	0.95	1	1	2.340669
SU5_str	BOBJ1	45.63	Before	Interior Girder 1	45.63	0.95	1	1	2.180368
SU5_str	BOBJ1	45.63	Before	Interior Girder 2	45.63	0.95	1	1	2.182786
SU5_str	BOBJ1	45.63	Before	Interior Girder 3	45.63	0.95	1	1	1.859472
SU5_str	BOBJ1	45.63	Before	Interior Girder 4	45.63	0.95	1	1	1.859472
SU5_str	BOBJ1	45.63	Before	Interior Girder 5	45.63	0.95	1	1	2.182786
SU5_str	BOBJ1	45.63	Before	Interior Girder 6	45.63	0.95	1	1	2.180368
SU5_str	BOBJ1	45.63	Before	Right Exterior Girder	45.63	0.95	1	1	2.340669
SU5_str	BOBJ1	45.63	After	Left Exterior Girder	0	0.95	1	1	2.325465
SU5_str	BOBJ1	45.63	After	Interior Girder 1	0	0.95	1	1	1.97346
SU5_str	BOBJ1	45.63	After	Interior Girder 2	0	0.95	1	1	1.943377
SU5_str	BOBJ1	45.63	After	Interior Girder 3	0	0.95	1	1	1.59744
SU5_str	BOBJ1	45.63	After	Interior Girder 4	0	0.95	1	1	1.59744
SU5_str	BOBJ1	45.63	After	Interior Girder 5	0	0.95	1	1	1.943377
SU5_str	BOBJ1	45.63	After	Interior Girder 6	0	0.95	1	1	1.97346
SU5_str	BOBJ1	45.63	After	Right Exterior Girder	0	0.95	1	1	2.325465
SU5_str	BOBJ1	50.6298	Before	Left Exterior Girder	4.9998	0.95	1	1	6.455934
SU5_str	BOBJ1	50.6298	Before	Right Exterior Girder	4.9998	0.95	1	1	6.455934
SU5_str	BOBJ1	50.6298	After	Left Exterior Girder	4.9998	0.95	1	1	4.136196
SU5_str	BOBJ1	50.6298	After	Right Exterior Girder	4.9998	0.95	1	1	4.136196
SU5_str	BOBJ1	51.4	Before	Left Exterior Girder	5.77	0.95	1	1	4.919178
SU5_str	BOBJ1	51.4	Before	Interior Girder 1	5.77	0.95	1	1	5.322857
SU5_str	BOBJ1	51.4	Before	Interior Girder 2	5.77	0.95	1	1	4.953536
SU5_str	BOBJ1	51.4	Before	Interior Girder 3	5.77	0.95	1	1	4.578794
SU5_str	BOBJ1	51.4	Before	Interior Girder 4	5.77	0.95	1	1	4.578794
SU5_str	BOBJ1	51.4	Before	Interior Girder 5	5.77	0.95	1	1	4.953536
SU5_str	BOBJ1	51.4	Before	Interior Girder 6	5.77	0.95	1	1	5.322857
SU5_str	BOBJ1	51.4	Before	Right Exterior Girder	5.77	0.95	1	1	4.919178
SU5_str	BOBJ1	51.4	After	Left Exterior Girder	5.77	0.95	1	1	4.809113
SU5_str	BOBJ1	51.4	After	Interior Girder 1	5.77	0.95	1	1	5.42255
SU5_str	BOBJ1	51.4	After	Interior Girder 2	5.77	0.95	1	1	5.007732
SU5_str	BOBJ1	51.4	After	Interior Girder 3	5.77	0.95	1	1	4.62466
SU5_str	BOBJ1	51.4	After	Interior Girder 4	5.77	0.95	1	1	4.62466
SU5_str	BOBJ1	51.4	After	Interior Girder 5	5.77	0.95	1	1	5.007732
SU5_str	BOBJ1	51.4	After	Interior Girder 6	5.77	0.95	1	1	5.42255
SU5_str	BOBJ1	51.4	After	Right Exterior Girder	5.77	0.95	1	1	4.809113
SU5_str	BOBJ1	57.17	Before	Left Exterior Girder	11.54	0.95	1	1	6.906883
SU5_str	BOBJ1	57.17	Before	Interior Girder 1	11.54	0.95	1	1	5.170604

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelINonCompStrgth-Flx - Approach, Span 16-19									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
SU5_str	BOBJ1	57.17	Before	Interior Girder 2	11.54	0.95	1	1	4.477282
SU5_str	BOBJ1	57.17	Before	Interior Girder 3	11.54	0.95	1	1	4.310789
SU5_str	BOBJ1	57.17	Before	Interior Girder 4	11.54	0.95	1	1	4.310789
SU5_str	BOBJ1	57.17	Before	Interior Girder 5	11.54	0.95	1	1	4.477282
SU5_str	BOBJ1	57.17	Before	Interior Girder 6	11.54	0.95	1	1	5.170604
SU5_str	BOBJ1	57.17	Before	Right Exterior Girder	11.54	0.95	1	1	6.906883
SU5_str	BOBJ1	57.17	After	Left Exterior Girder	11.54	0.95	1	1	7.024242
SU5_str	BOBJ1	57.17	After	Interior Girder 1	11.54	0.95	1	1	5.104303
SU5_str	BOBJ1	57.17	After	Interior Girder 2	11.54	0.95	1	1	4.468184
SU5_str	BOBJ1	57.17	After	Interior Girder 3	11.54	0.95	1	1	4.387353
SU5_str	BOBJ1	57.17	After	Interior Girder 4	11.54	0.95	1	1	4.387353
SU5_str	BOBJ1	57.17	After	Interior Girder 5	11.54	0.95	1	1	4.468184
SU5_str	BOBJ1	57.17	After	Interior Girder 6	11.54	0.95	1	1	5.104303
SU5_str	BOBJ1	57.17	After	Right Exterior Girder	11.54	0.95	1	1	7.024242
SU5_str	BOBJ1	63.34	Before	Left Exterior Girder	17.71	0.95	1	1	3.431235
SU5_str	BOBJ1	63.34	Before	Interior Girder 1	17.71	0.95	1	1	2.533602
SU5_str	BOBJ1	63.34	Before	Interior Girder 2	17.71	0.95	1	1	2.362502
SU5_str	BOBJ1	63.34	Before	Interior Girder 3	17.71	0.95	1	1	2.258374
SU5_str	BOBJ1	63.34	Before	Interior Girder 4	17.71	0.95	1	1	2.258374
SU5_str	BOBJ1	63.34	Before	Interior Girder 5	17.71	0.95	1	1	2.362502
SU5_str	BOBJ1	63.34	Before	Interior Girder 6	17.71	0.95	1	1	2.533602
SU5_str	BOBJ1	63.34	Before	Right Exterior Girder	17.71	0.95	1	1	3.431235
SU5_str	BOBJ1	63.34	After	Left Exterior Girder	17.71	0.95	1	1	3.531958
SU5_str	BOBJ1	63.34	After	Interior Girder 1	17.71	0.95	1	1	2.490496
SU5_str	BOBJ1	63.34	After	Interior Girder 2	17.71	0.95	1	1	2.348778
SU5_str	BOBJ1	63.34	After	Interior Girder 3	17.71	0.95	1	1	2.279637
SU5_str	BOBJ1	63.34	After	Interior Girder 4	17.71	0.95	1	1	2.279637
SU5_str	BOBJ1	63.34	After	Interior Girder 5	17.71	0.95	1	1	2.348778
SU5_str	BOBJ1	63.34	After	Interior Girder 6	17.71	0.95	1	1	2.490496
SU5_str	BOBJ1	63.34	After	Right Exterior Girder	17.71	0.95	1	1	3.531958
SU5_str	BOBJ1	69.51	Before	Left Exterior Girder	23.88	0.95	1	1	2.191602
SU5_str	BOBJ1	69.51	Before	Interior Girder 1	23.88	0.95	1	1	1.782295
SU5_str	BOBJ1	69.51	Before	Interior Girder 2	23.88	0.95	1	1	1.717537
SU5_str	BOBJ1	69.51	Before	Interior Girder 3	23.88	0.95	1	1	1.676344
SU5_str	BOBJ1	69.51	Before	Interior Girder 4	23.88	0.95	1	1	1.676344
SU5_str	BOBJ1	69.51	Before	Interior Girder 5	23.88	0.95	1	1	1.717537
SU5_str	BOBJ1	69.51	Before	Interior Girder 6	23.88	0.95	1	1	1.782295
SU5_str	BOBJ1	69.51	Before	Right Exterior Girder	23.88	0.95	1	1	2.191602
SU5_str	BOBJ1	69.51	After	Left Exterior Girder	23.88	0.95	1	1	2.208547
SU5_str	BOBJ1	69.51	After	Interior Girder 1	23.88	0.95	1	1	1.779242
SU5_str	BOBJ1	69.51	After	Interior Girder 2	23.88	0.95	1	1	1.725562
SU5_str	BOBJ1	69.51	After	Interior Girder 3	23.88	0.95	1	1	1.692004
SU5_str	BOBJ1	69.51	After	Interior Girder 4	23.88	0.95	1	1	1.692004
SU5_str	BOBJ1	69.51	After	Interior Girder 5	23.88	0.95	1	1	1.725562
SU5_str	BOBJ1	69.51	After	Interior Girder 6	23.88	0.95	1	1	1.779242
SU5_str	BOBJ1	69.51	After	Right Exterior Girder	23.88	0.95	1	1	2.208547
SU5_str	BOBJ1	75.68	Before	Left Exterior Girder	30.05	0.95	1	1	1.676207
SU5_str	BOBJ1	75.68	Before	Interior Girder 1	30.05	0.95	1	1	1.599782
SU5_str	BOBJ1	75.68	Before	Interior Girder 2	30.05	0.95	1	1	1.572909
SU5_str	BOBJ1	75.68	Before	Interior Girder 3	30.05	0.95	1	1	1.582416
SU5_str	BOBJ1	75.68	Before	Interior Girder 4	30.05	0.95	1	1	1.582416
SU5_str	BOBJ1	75.68	Before	Interior Girder 5	30.05	0.95	1	1	1.572909
SU5_str	BOBJ1	75.68	Before	Interior Girder 6	30.05	0.95	1	1	1.599782
SU5_str	BOBJ1	75.68	Before	Right Exterior Girder	30.05	0.95	1	1	1.676207
SU5_str	BOBJ1	75.68	After	Left Exterior Girder	30.05	0.95	1	1	1.687703
SU5_str	BOBJ1	75.68	After	Interior Girder 1	30.05	0.95	1	1	1.594794
SU5_str	BOBJ1	75.68	After	Interior Girder 2	30.05	0.95	1	1	1.571047
SU5_str	BOBJ1	75.68	After	Interior Girder 3	30.05	0.95	1	1	1.585862
SU5_str	BOBJ1	75.68	After	Interior Girder 4	30.05	0.95	1	1	1.585862
SU5_str	BOBJ1	75.68	After	Interior Girder 5	30.05	0.95	1	1	1.571047
SU5_str	BOBJ1	75.68	After	Interior Girder 6	30.05	0.95	1	1	1.594794
SU5_str	BOBJ1	75.68	After	Right Exterior Girder	30.05	0.95	1	1	1.687703
SU5_str	BOBJ1	81.8467	Before	Left Exterior Girder	36.2167	0.95	1	1	1.748721
SU5_str	BOBJ1	81.8467	Before	Interior Girder 1	36.2167	0.95	1	1	1.490181
SU5_str	BOBJ1	81.8467	Before	Interior Girder 2	36.2167	0.95	1	1	1.470949

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelINonCompStrgth-Flx - Approach, Span 16-19									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
SU5_str	BOBJ1	81.8467	Before	Interior Girder 3	36.2167	0.95	1	1	1.445405
SU5_str	BOBJ1	81.8467	Before	Interior Girder 4	36.2167	0.95	1	1	1.445405
SU5_str	BOBJ1	81.8467	Before	Interior Girder 5	36.2167	0.95	1	1	1.470949
SU5_str	BOBJ1	81.8467	Before	Interior Girder 6	36.2167	0.95	1	1	1.490181
SU5_str	BOBJ1	81.8467	Before	Right Exterior Girder	36.2167	0.95	1	1	1.748721
SU5_str	BOBJ1	81.8467	After	Left Exterior Girder	36.2167	0.95	1	1	1.753494
SU5_str	BOBJ1	81.8467	After	Interior Girder 1	36.2167	0.95	1	1	1.484167
SU5_str	BOBJ1	81.8467	After	Interior Girder 2	36.2167	0.95	1	1	1.462996
SU5_str	BOBJ1	81.8467	After	Interior Girder 3	36.2167	0.95	1	1	1.437381
SU5_str	BOBJ1	81.8467	After	Interior Girder 4	36.2167	0.95	1	1	1.437381
SU5_str	BOBJ1	81.8467	After	Interior Girder 5	36.2167	0.95	1	1	1.462996
SU5_str	BOBJ1	81.8467	After	Interior Girder 6	36.2167	0.95	1	1	1.484167
SU5_str	BOBJ1	81.8467	After	Right Exterior Girder	36.2167	0.95	1	1	1.753494
SU5_str	BOBJ1	88.0133	Before	Left Exterior Girder	42.3833	0.95	1	1	2.101547
SU5_str	BOBJ1	88.0133	Before	Interior Girder 1	42.3833	0.95	1	1	1.691227
SU5_str	BOBJ1	88.0133	Before	Interior Girder 2	42.3833	0.95	1	1	1.649657
SU5_str	BOBJ1	88.0133	Before	Interior Girder 3	42.3833	0.95	1	1	1.617453
SU5_str	BOBJ1	88.0133	Before	Interior Girder 4	42.3833	0.95	1	1	1.617453
SU5_str	BOBJ1	88.0133	Before	Interior Girder 5	42.3833	0.95	1	1	1.649657
SU5_str	BOBJ1	88.0133	Before	Interior Girder 6	42.3833	0.95	1	1	1.691227
SU5_str	BOBJ1	88.0133	Before	Right Exterior Girder	42.3833	0.95	1	1	2.101547
SU5_str	BOBJ1	88.0133	After	Left Exterior Girder	42.3833	0.95	1	1	2.061112
SU5_str	BOBJ1	88.0133	After	Interior Girder 1	42.3833	0.95	1	1	1.712736
SU5_str	BOBJ1	88.0133	After	Interior Girder 2	42.3833	0.95	1	1	1.661758
SU5_str	BOBJ1	88.0133	After	Interior Girder 3	42.3833	0.95	1	1	1.613354
SU5_str	BOBJ1	88.0133	After	Interior Girder 4	42.3833	0.95	1	1	1.613354
SU5_str	BOBJ1	88.0133	After	Interior Girder 5	42.3833	0.95	1	1	1.661758
SU5_str	BOBJ1	88.0133	After	Interior Girder 6	42.3833	0.95	1	1	1.712736
SU5_str	BOBJ1	88.0133	After	Right Exterior Girder	42.3833	0.95	1	1	2.061112
SU5_str	BOBJ1	94.18	Before	Left Exterior Girder	48.55	0.95	1	1	2.858355
SU5_str	BOBJ1	94.18	Before	Interior Girder 1	48.55	0.95	1	1	2.513415
SU5_str	BOBJ1	94.18	Before	Interior Girder 2	48.55	0.95	1	1	2.343879
SU5_str	BOBJ1	94.18	Before	Interior Girder 3	48.55	0.95	1	1	2.326902
SU5_str	BOBJ1	94.18	Before	Interior Girder 4	48.55	0.95	1	1	2.326902
SU5_str	BOBJ1	94.18	Before	Interior Girder 5	48.55	0.95	1	1	2.343879
SU5_str	BOBJ1	94.18	Before	Interior Girder 6	48.55	0.95	1	1	2.513415
SU5_str	BOBJ1	94.18	Before	Right Exterior Girder	48.55	0.95	1	1	2.858355
SU5_str	BOBJ1	94.18	After	Left Exterior Girder	48.55	0.95	1	1	2.79751
SU5_str	BOBJ1	94.18	After	Interior Girder 1	48.55	0.95	1	1	2.543557
SU5_str	BOBJ1	94.18	After	Interior Girder 2	48.55	0.95	1	1	2.348889
SU5_str	BOBJ1	94.18	After	Interior Girder 3	48.55	0.95	1	1	2.301025
SU5_str	BOBJ1	94.18	After	Interior Girder 4	48.55	0.95	1	1	2.301025
SU5_str	BOBJ1	94.18	After	Interior Girder 5	48.55	0.95	1	1	2.348889
SU5_str	BOBJ1	94.18	After	Interior Girder 6	48.55	0.95	1	1	2.543557
SU5_str	BOBJ1	94.18	After	Right Exterior Girder	48.55	0.95	1	1	2.79751
SU5_str	BOBJ1	100.3567	Before	Left Exterior Girder	54.7267	0.95	1	1	5.698836
SU5_str	BOBJ1	100.3567	Before	Interior Girder 1	54.7267	0.95	1	1	3.989404
SU5_str	BOBJ1	100.3567	Before	Interior Girder 2	54.7267	0.95	1	1	3.653183
SU5_str	BOBJ1	100.3567	Before	Interior Girder 3	54.7267	0.95	1	1	3.539212
SU5_str	BOBJ1	100.3567	Before	Interior Girder 4	54.7267	0.95	1	1	3.539212
SU5_str	BOBJ1	100.3567	Before	Interior Girder 5	54.7267	0.95	1	1	3.653183
SU5_str	BOBJ1	100.3567	Before	Interior Girder 6	54.7267	0.95	1	1	3.989404
SU5_str	BOBJ1	100.3567	Before	Right Exterior Girder	54.7267	0.95	1	1	5.698836
SU5_str	BOBJ1	100.3567	After	Left Exterior Girder	54.7267	0.95	1	1	5.790677
SU5_str	BOBJ1	100.3567	After	Interior Girder 1	54.7267	0.95	1	1	3.997803
SU5_str	BOBJ1	100.3567	After	Interior Girder 2	54.7267	0.95	1	1	3.627954
SU5_str	BOBJ1	100.3567	After	Interior Girder 3	54.7267	0.95	1	1	3.422654
SU5_str	BOBJ1	100.3567	After	Interior Girder 4	54.7267	0.95	1	1	3.422654
SU5_str	BOBJ1	100.3567	After	Interior Girder 5	54.7267	0.95	1	1	3.627954
SU5_str	BOBJ1	100.3567	After	Interior Girder 6	54.7267	0.95	1	1	3.997803
SU5_str	BOBJ1	100.3567	After	Right Exterior Girder	54.7267	0.95	1	1	5.790677
SU5_str	BOBJ1	106.5333	Before	Left Exterior Girder	60.9033	0.95	1	1	3.548356
SU5_str	BOBJ1	106.5333	Before	Interior Girder 1	60.9033	0.95	1	1	4.740873
SU5_str	BOBJ1	106.5333	Before	Interior Girder 2	60.9033	0.95	1	1	4.453327
SU5_str	BOBJ1	106.5333	Before	Interior Girder 3	60.9033	0.95	1	1	4.188401

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelINonCompStrgth-Flx - Approach, Span 16-19									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
SU5_str	BOBJ1	106.5333	Before	Interior Girder 4	60.9033	0.95	1	1	4.188401
SU5_str	BOBJ1	106.5333	Before	Interior Girder 5	60.9033	0.95	1	1	4.453327
SU5_str	BOBJ1	106.5333	Before	Interior Girder 6	60.9033	0.95	1	1	4.740873
SU5_str	BOBJ1	106.5333	Before	Right Exterior Girder	60.9033	0.95	1	1	3.548356
SU5_str	BOBJ1	106.5333	After	Left Exterior Girder	60.9033	0.95	1	1	3.649676
SU5_str	BOBJ1	106.5333	After	Interior Girder 1	60.9033	0.95	1	1	4.620913
SU5_str	BOBJ1	106.5333	After	Interior Girder 2	60.9033	0.95	1	1	4.358226
SU5_str	BOBJ1	106.5333	After	Interior Girder 3	60.9033	0.95	1	1	4.105029
SU5_str	BOBJ1	106.5333	After	Interior Girder 4	60.9033	0.95	1	1	4.105029
SU5_str	BOBJ1	106.5333	After	Interior Girder 5	60.9033	0.95	1	1	4.358226
SU5_str	BOBJ1	106.5333	After	Interior Girder 6	60.9033	0.95	1	1	4.620913
SU5_str	BOBJ1	106.5333	After	Right Exterior Girder	60.9033	0.95	1	1	3.649676
SU5_str	BOBJ1	108.2102	Before	Left Exterior Girder	62.5802	0.95	1	1	2.979929
SU5_str	BOBJ1	108.2102	Before	Right Exterior Girder	62.5802	0.95	1	1	2.979929
SU5_str	BOBJ1	108.2102	After	Left Exterior Girder	62.5802	0.95	1	1	4.620105
SU5_str	BOBJ1	108.2102	After	Right Exterior Girder	62.5802	0.95	1	1	4.620105
SU5_str	BOBJ1	112.71	Before	Left Exterior Girder	67.08	0.95	1	1	2.076382
SU5_str	BOBJ1	112.71	Before	Interior Girder 1	67.08	0.95	1	1	2.029478
SU5_str	BOBJ1	112.71	Before	Interior Girder 2	67.08	0.95	1	1	1.98725
SU5_str	BOBJ1	112.71	Before	Interior Girder 3	67.08	0.95	1	1	1.67037
SU5_str	BOBJ1	112.71	Before	Interior Girder 4	67.08	0.95	1	1	1.67037
SU5_str	BOBJ1	112.71	Before	Interior Girder 5	67.08	0.95	1	1	1.98725
SU5_str	BOBJ1	112.71	Before	Interior Girder 6	67.08	0.95	1	1	2.029478
SU5_str	BOBJ1	112.71	Before	Right Exterior Girder	67.08	0.95	1	1	2.076382
SU5_str	BOBJ1	112.71	After	Left Exterior Girder	0	0.95	1	1	2.071806
SU5_str	BOBJ1	112.71	After	Interior Girder 1	0	0.95	1	1	2.326441
SU5_str	BOBJ1	112.71	After	Interior Girder 2	0	0.95	1	1	2.15878
SU5_str	BOBJ1	112.71	After	Interior Girder 3	0	0.95	1	1	1.820895
SU5_str	BOBJ1	112.71	After	Interior Girder 4	0	0.95	1	1	1.820895
SU5_str	BOBJ1	112.71	After	Interior Girder 5	0	0.95	1	1	2.15878
SU5_str	BOBJ1	112.71	After	Interior Girder 6	0	0.95	1	1	2.326441
SU5_str	BOBJ1	112.71	After	Right Exterior Girder	0	0.95	1	1	2.071806
SU5_str	BOBJ1	117.21	Before	Left Exterior Girder	4.5	0.95	1	1	3.144961
SU5_str	BOBJ1	117.21	Before	Right Exterior Girder	4.5	0.95	1	1	3.144961
SU5_str	BOBJ1	117.21	After	Left Exterior Girder	4.5	0.95	1	1	2.009306
SU5_str	BOBJ1	117.21	After	Right Exterior Girder	4.5	0.95	1	1	2.009306
SU5_str	BOBJ1	119.1	Before	Left Exterior Girder	6.39	0.95	1	1	2.483018
SU5_str	BOBJ1	119.1	Before	Interior Girder 1	6.39	0.95	1	1	3.415464
SU5_str	BOBJ1	119.1	Before	Interior Girder 2	6.39	0.95	1	1	3.370436
SU5_str	BOBJ1	119.1	Before	Interior Girder 3	6.39	0.95	1	1	3.262058
SU5_str	BOBJ1	119.1	Before	Interior Girder 4	6.39	0.95	1	1	3.262058
SU5_str	BOBJ1	119.1	Before	Interior Girder 5	6.39	0.95	1	1	3.370436
SU5_str	BOBJ1	119.1	Before	Interior Girder 6	6.39	0.95	1	1	3.415464
SU5_str	BOBJ1	119.1	Before	Right Exterior Girder	6.39	0.95	1	1	2.483018
SU5_str	BOBJ1	119.1	After	Left Exterior Girder	6.39	0.95	1	1	2.429284
SU5_str	BOBJ1	119.1	After	Interior Girder 1	6.39	0.95	1	1	3.477705
SU5_str	BOBJ1	119.1	After	Interior Girder 2	6.39	0.95	1	1	3.41892
SU5_str	BOBJ1	119.1	After	Interior Girder 3	6.39	0.95	1	1	3.282985
SU5_str	BOBJ1	119.1	After	Interior Girder 4	6.39	0.95	1	1	3.282985
SU5_str	BOBJ1	119.1	After	Interior Girder 5	6.39	0.95	1	1	3.41892
SU5_str	BOBJ1	119.1	After	Interior Girder 6	6.39	0.95	1	1	3.477705
SU5_str	BOBJ1	119.1	After	Right Exterior Girder	6.39	0.95	1	1	2.429284
SU5_str	BOBJ1	125.49	Before	Left Exterior Girder	12.78	0.95	1	1	3.995072
SU5_str	BOBJ1	125.49	Before	Interior Girder 1	12.78	0.95	1	1	3.86304
SU5_str	BOBJ1	125.49	Before	Interior Girder 2	12.78	0.95	1	1	3.52396
SU5_str	BOBJ1	125.49	Before	Interior Girder 3	12.78	0.95	1	1	3.353512
SU5_str	BOBJ1	125.49	Before	Interior Girder 4	12.78	0.95	1	1	3.353512
SU5_str	BOBJ1	125.49	Before	Interior Girder 5	12.78	0.95	1	1	3.52396
SU5_str	BOBJ1	125.49	Before	Interior Girder 6	12.78	0.95	1	1	3.86304
SU5_str	BOBJ1	125.49	Before	Right Exterior Girder	12.78	0.95	1	1	3.995072
SU5_str	BOBJ1	125.49	After	Left Exterior Girder	12.78	0.95	1	1	3.941368
SU5_str	BOBJ1	125.49	After	Interior Girder 1	12.78	0.95	1	1	3.875012
SU5_str	BOBJ1	125.49	After	Interior Girder 2	12.78	0.95	1	1	3.563889
SU5_str	BOBJ1	125.49	After	Interior Girder 3	12.78	0.95	1	1	3.470376
SU5_str	BOBJ1	125.49	After	Interior Girder 4	12.78	0.95	1	1	3.470376

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelINonCompStrgth-Flx - Approach, Span 16-19									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
SU5_str	BOBJ1	125.49	After	Interior Girder 5	12.78	0.95	1	1	3.563889
SU5_str	BOBJ1	125.49	After	Interior Girder 6	12.78	0.95	1	1	3.875012
SU5_str	BOBJ1	125.49	After	Right Exterior Girder	12.78	0.95	1	1	3.941368
SU5_str	BOBJ1	131.88	Before	Left Exterior Girder	19.17	0.95	1	1	3.081762
SU5_str	BOBJ1	131.88	Before	Interior Girder 1	19.17	0.95	1	1	2.805117
SU5_str	BOBJ1	131.88	Before	Interior Girder 2	19.17	0.95	1	1	2.566046
SU5_str	BOBJ1	131.88	Before	Interior Girder 3	19.17	0.95	1	1	2.488546
SU5_str	BOBJ1	131.88	Before	Interior Girder 4	19.17	0.95	1	1	2.488546
SU5_str	BOBJ1	131.88	Before	Interior Girder 5	19.17	0.95	1	1	2.566046
SU5_str	BOBJ1	131.88	Before	Interior Girder 6	19.17	0.95	1	1	2.805117
SU5_str	BOBJ1	131.88	Before	Right Exterior Girder	19.17	0.95	1	1	3.081762
SU5_str	BOBJ1	131.88	After	Left Exterior Girder	19.17	0.95	1	1	3.110798
SU5_str	BOBJ1	131.88	After	Interior Girder 1	19.17	0.95	1	1	2.787353
SU5_str	BOBJ1	131.88	After	Interior Girder 2	19.17	0.95	1	1	2.566556
SU5_str	BOBJ1	131.88	After	Interior Girder 3	19.17	0.95	1	1	2.51311
SU5_str	BOBJ1	131.88	After	Interior Girder 4	19.17	0.95	1	1	2.51311
SU5_str	BOBJ1	131.88	After	Interior Girder 5	19.17	0.95	1	1	2.566556
SU5_str	BOBJ1	131.88	After	Interior Girder 6	19.17	0.95	1	1	2.787353
SU5_str	BOBJ1	131.88	After	Right Exterior Girder	19.17	0.95	1	1	3.110798
SU5_str	BOBJ1	138.27	Before	Left Exterior Girder	25.56	0.95	1	1	2.746176
SU5_str	BOBJ1	138.27	Before	Interior Girder 1	25.56	0.95	1	1	2.177786
SU5_str	BOBJ1	138.27	Before	Interior Girder 2	25.56	0.95	1	1	2.060136
SU5_str	BOBJ1	138.27	Before	Interior Girder 3	25.56	0.95	1	1	1.961168
SU5_str	BOBJ1	138.27	Before	Interior Girder 4	25.56	0.95	1	1	1.961168
SU5_str	BOBJ1	138.27	Before	Interior Girder 5	25.56	0.95	1	1	2.060136
SU5_str	BOBJ1	138.27	Before	Interior Girder 6	25.56	0.95	1	1	2.177786
SU5_str	BOBJ1	138.27	Before	Right Exterior Girder	25.56	0.95	1	1	2.746176
SU5_str	BOBJ1	138.27	After	Left Exterior Girder	25.56	0.95	1	1	2.778981
SU5_str	BOBJ1	138.27	After	Interior Girder 1	25.56	0.95	1	1	2.162564
SU5_str	BOBJ1	138.27	After	Interior Girder 2	25.56	0.95	1	1	2.050501
SU5_str	BOBJ1	138.27	After	Interior Girder 3	25.56	0.95	1	1	1.961609
SU5_str	BOBJ1	138.27	After	Interior Girder 4	25.56	0.95	1	1	1.961609
SU5_str	BOBJ1	138.27	After	Interior Girder 5	25.56	0.95	1	1	2.050501
SU5_str	BOBJ1	138.27	After	Interior Girder 6	25.56	0.95	1	1	2.162564
SU5_str	BOBJ1	138.27	After	Right Exterior Girder	25.56	0.95	1	1	2.778981
SU5_str	BOBJ1	144.66	Before	Left Exterior Girder	31.95	0.95	1	1	2.841748
SU5_str	BOBJ1	144.66	Before	Interior Girder 1	31.95	0.95	1	1	2.183192
SU5_str	BOBJ1	144.66	Before	Interior Girder 2	31.95	0.95	1	1	2.069238
SU5_str	BOBJ1	144.66	Before	Interior Girder 3	31.95	0.95	1	1	1.978984
SU5_str	BOBJ1	144.66	Before	Interior Girder 4	31.95	0.95	1	1	1.978984
SU5_str	BOBJ1	144.66	Before	Interior Girder 5	31.95	0.95	1	1	2.069238
SU5_str	BOBJ1	144.66	Before	Interior Girder 6	31.95	0.95	1	1	2.183192
SU5_str	BOBJ1	144.66	Before	Right Exterior Girder	31.95	0.95	1	1	2.841748
SU5_str	BOBJ1	144.66	After	Left Exterior Girder	31.95	0.95	1	1	2.800428
SU5_str	BOBJ1	144.66	After	Interior Girder 1	31.95	0.95	1	1	2.202879
SU5_str	BOBJ1	144.66	After	Interior Girder 2	31.95	0.95	1	1	2.078446
SU5_str	BOBJ1	144.66	After	Interior Girder 3	31.95	0.95	1	1	1.975583
SU5_str	BOBJ1	144.66	After	Interior Girder 4	31.95	0.95	1	1	1.975583
SU5_str	BOBJ1	144.66	After	Interior Girder 5	31.95	0.95	1	1	2.078446
SU5_str	BOBJ1	144.66	After	Interior Girder 6	31.95	0.95	1	1	2.202879
SU5_str	BOBJ1	144.66	After	Right Exterior Girder	31.95	0.95	1	1	2.800428
SU5_str	BOBJ1	151.05	Before	Left Exterior Girder	38.34	0.95	1	1	3.320823
SU5_str	BOBJ1	151.05	Before	Interior Girder 1	38.34	0.95	1	1	2.875986
SU5_str	BOBJ1	151.05	Before	Interior Girder 2	38.34	0.95	1	1	2.640282
SU5_str	BOBJ1	151.05	Before	Interior Girder 3	38.34	0.95	1	1	2.578798
SU5_str	BOBJ1	151.05	Before	Interior Girder 4	38.34	0.95	1	1	2.578798
SU5_str	BOBJ1	151.05	Before	Interior Girder 5	38.34	0.95	1	1	2.640282
SU5_str	BOBJ1	151.05	Before	Interior Girder 6	38.34	0.95	1	1	2.875986
SU5_str	BOBJ1	151.05	Before	Right Exterior Girder	38.34	0.95	1	1	3.320823
SU5_str	BOBJ1	151.05	After	Left Exterior Girder	38.34	0.95	1	1	3.281201
SU5_str	BOBJ1	151.05	After	Interior Girder 1	38.34	0.95	1	1	2.901393
SU5_str	BOBJ1	151.05	After	Interior Girder 2	38.34	0.95	1	1	2.638961
SU5_str	BOBJ1	151.05	After	Interior Girder 3	38.34	0.95	1	1	2.548923
SU5_str	BOBJ1	151.05	After	Interior Girder 4	38.34	0.95	1	1	2.548923
SU5_str	BOBJ1	151.05	After	Interior Girder 5	38.34	0.95	1	1	2.638961

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelINonCompStrgth-Flx - Approach, Span 16-19									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
SU5_str	BOBJ1	151.05	After	Interior Girder 6	38.34	0.95	1	1	2.901393
SU5_str	BOBJ1	151.05	After	Right Exterior Girder	38.34	0.95	1	1	3.281201
SU5_str	BOBJ1	157.4367	Before	Left Exterior Girder	44.7267	0.95	1	1	3.98892
SU5_str	BOBJ1	157.4367	Before	Interior Girder 1	44.7267	0.95	1	1	4.094163
SU5_str	BOBJ1	157.4367	Before	Interior Girder 2	44.7267	0.95	1	1	3.742901
SU5_str	BOBJ1	157.4367	Before	Interior Girder 3	44.7267	0.95	1	1	3.631068
SU5_str	BOBJ1	157.4367	Before	Interior Girder 4	44.7267	0.95	1	1	3.631068
SU5_str	BOBJ1	157.4367	Before	Interior Girder 5	44.7267	0.95	1	1	3.742901
SU5_str	BOBJ1	157.4367	Before	Interior Girder 6	44.7267	0.95	1	1	4.094163
SU5_str	BOBJ1	157.4367	Before	Right Exterior Girder	44.7267	0.95	1	1	3.98892
SU5_str	BOBJ1	157.4367	After	Left Exterior Girder	44.7267	0.95	1	1	4.033692
SU5_str	BOBJ1	157.4367	After	Interior Girder 1	44.7267	0.95	1	1	4.093739
SU5_str	BOBJ1	157.4367	After	Interior Girder 2	44.7267	0.95	1	1	3.727145
SU5_str	BOBJ1	157.4367	After	Interior Girder 3	44.7267	0.95	1	1	3.570822
SU5_str	BOBJ1	157.4367	After	Interior Girder 4	44.7267	0.95	1	1	3.570822
SU5_str	BOBJ1	157.4367	After	Interior Girder 5	44.7267	0.95	1	1	3.727145
SU5_str	BOBJ1	157.4367	After	Interior Girder 6	44.7267	0.95	1	1	4.093739
SU5_str	BOBJ1	157.4367	After	Right Exterior Girder	44.7267	0.95	1	1	4.033692
SU5_str	BOBJ1	158.71	Before	Left Exterior Girder	46	0.95	1	1	3.670576
SU5_str	BOBJ1	158.71	Before	Interior Girder 1	46	0.95	1	1	3.925973
SU5_str	BOBJ1	158.71	Before	Interior Girder 2	46	0.95	1	1	3.819242
SU5_str	BOBJ1	158.71	Before	Interior Girder 3	46	0.95	1	1	3.803214
SU5_str	BOBJ1	158.71	Before	Interior Girder 4	46	0.95	1	1	3.803214
SU5_str	BOBJ1	158.71	Before	Interior Girder 5	46	0.95	1	1	3.819242
SU5_str	BOBJ1	158.71	Before	Interior Girder 6	46	0.95	1	1	3.925973
SU5_str	BOBJ1	158.71	Before	Right Exterior Girder	46	0.95	1	1	3.670576
SU5_str	BOBJ1	158.71	After	Left Exterior Girder	46	0.95	1	1	5.079741
SU5_str	BOBJ1	158.71	After	Interior Girder 1	46	0.95	1	1	4.941172
SU5_str	BOBJ1	158.71	After	Interior Girder 2	46	0.95	1	1	4.790088
SU5_str	BOBJ1	158.71	After	Interior Girder 3	46	0.95	1	1	4.791458
SU5_str	BOBJ1	158.71	After	Interior Girder 4	46	0.95	1	1	4.791458
SU5_str	BOBJ1	158.71	After	Interior Girder 5	46	0.95	1	1	4.790088
SU5_str	BOBJ1	158.71	After	Interior Girder 6	46	0.95	1	1	4.941172
SU5_str	BOBJ1	158.71	After	Right Exterior Girder	46	0.95	1	1	5.079741
SU5_str	BOBJ1	163.8233	Before	Left Exterior Girder	51.1133	0.95	1	1	3.590221
SU5_str	BOBJ1	163.8233	Before	Interior Girder 1	51.1133	0.95	1	1	3.809264
SU5_str	BOBJ1	163.8233	Before	Interior Girder 2	51.1133	0.95	1	1	3.652001
SU5_str	BOBJ1	163.8233	Before	Interior Girder 3	51.1133	0.95	1	1	3.446934
SU5_str	BOBJ1	163.8233	Before	Interior Girder 4	51.1133	0.95	1	1	3.446934
SU5_str	BOBJ1	163.8233	Before	Interior Girder 5	51.1133	0.95	1	1	3.652001
SU5_str	BOBJ1	163.8233	Before	Interior Girder 6	51.1133	0.95	1	1	3.809264
SU5_str	BOBJ1	163.8233	Before	Right Exterior Girder	51.1133	0.95	1	1	3.590221
SU5_str	BOBJ1	163.8233	After	Left Exterior Girder	51.1133	0.95	1	1	3.65888
SU5_str	BOBJ1	163.8233	After	Interior Girder 1	51.1133	0.95	1	1	3.717421
SU5_str	BOBJ1	163.8233	After	Interior Girder 2	51.1133	0.95	1	1	3.580241
SU5_str	BOBJ1	163.8233	After	Interior Girder 3	51.1133	0.95	1	1	3.388679
SU5_str	BOBJ1	163.8233	After	Interior Girder 4	51.1133	0.95	1	1	3.388679
SU5_str	BOBJ1	163.8233	After	Interior Girder 5	51.1133	0.95	1	1	3.580241
SU5_str	BOBJ1	163.8233	After	Interior Girder 6	51.1133	0.95	1	1	3.717421
SU5_str	BOBJ1	163.8233	After	Right Exterior Girder	51.1133	0.95	1	1	3.65888
SU5_str	BOBJ1	164.71	Before	Left Exterior Girder	52	0.95	1	1	3.396743
SU5_str	BOBJ1	164.71	Before	Right Exterior Girder	52	0.95	1	1	3.396743
SU5_str	BOBJ1	164.71	After	Left Exterior Girder	52	0.95	1	1	5.350828
SU5_str	BOBJ1	164.71	After	Right Exterior Girder	52	0.95	1	1	5.350828
SU5_str	BOBJ1	170.21	Before	Left Exterior Girder	57.5	0.95	1	1	3.701488
SU5_str	BOBJ1	170.21	Before	Interior Girder 1	57.5	0.95	1	1	2.304741
SU5_str	BOBJ1	170.21	Before	Interior Girder 2	57.5	0.95	1	1	2.16953
SU5_str	BOBJ1	170.21	Before	Interior Girder 3	57.5	0.95	1	1	1.739656
SU5_str	BOBJ1	170.21	Before	Interior Girder 4	57.5	0.95	1	1	1.739656
SU5_str	BOBJ1	170.21	Before	Interior Girder 5	57.5	0.95	1	1	2.16953
SU5_str	BOBJ1	170.21	Before	Interior Girder 6	57.5	0.95	1	1	2.304741
SU5_str	BOBJ1	170.21	Before	Right Exterior Girder	57.5	0.95	1	1	3.701488
SU5_str	BOBJ1	170.21	After	Left Exterior Girder	0	0.95	1	1	3.759804
SU5_str	BOBJ1	170.21	After	Interior Girder 1	0	0.95	1	1	2.940457
SU5_str	BOBJ1	170.21	After	Interior Girder 2	0	0.95	1	1	2.781455

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelINonCompStrgth-Flx - Approach, Span 16-19									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
SU5_str	BOBJ1	170.21	After	Interior Girder 3	0	0.95	1	1	2.30578
SU5_str	BOBJ1	170.21	After	Interior Girder 4	0	0.95	1	1	2.30578
SU5_str	BOBJ1	170.21	After	Interior Girder 5	0	0.95	1	1	2.781455
SU5_str	BOBJ1	170.21	After	Interior Girder 6	0	0.95	1	1	2.940457
SU5_str	BOBJ1	170.21	After	Right Exterior Girder	0	0.95	1	1	3.759804
SU5_str	BOBJ1	176.21	Before	Left Exterior Girder	6	0.95	1	1	6.369316
SU5_str	BOBJ1	176.21	Before	Right Exterior Girder	6	0.95	1	1	6.369316
SU5_str	BOBJ1	176.21	After	Left Exterior Girder	6	0.95	1	1	4.157837
SU5_str	BOBJ1	176.21	After	Right Exterior Girder	6	0.95	1	1	4.157837
SU5_str	BOBJ1	176.6	Before	Left Exterior Girder	6.39	0.95	1	1	4.304728
SU5_str	BOBJ1	176.6	Before	Interior Girder 1	6.39	0.95	1	1	5.20032
SU5_str	BOBJ1	176.6	Before	Interior Girder 2	6.39	0.95	1	1	4.882914
SU5_str	BOBJ1	176.6	Before	Interior Girder 3	6.39	0.95	1	1	4.626045
SU5_str	BOBJ1	176.6	Before	Interior Girder 4	6.39	0.95	1	1	4.626045
SU5_str	BOBJ1	176.6	Before	Interior Girder 5	6.39	0.95	1	1	4.882914
SU5_str	BOBJ1	176.6	Before	Interior Girder 6	6.39	0.95	1	1	5.20032
SU5_str	BOBJ1	176.6	Before	Right Exterior Girder	6.39	0.95	1	1	4.304728
SU5_str	BOBJ1	176.6	After	Left Exterior Girder	6.39	0.95	1	1	4.193427
SU5_str	BOBJ1	176.6	After	Interior Girder 1	6.39	0.95	1	1	5.331493
SU5_str	BOBJ1	176.6	After	Interior Girder 2	6.39	0.95	1	1	4.990453
SU5_str	BOBJ1	176.6	After	Interior Girder 3	6.39	0.95	1	1	4.720326
SU5_str	BOBJ1	176.6	After	Interior Girder 4	6.39	0.95	1	1	4.720326
SU5_str	BOBJ1	176.6	After	Interior Girder 5	6.39	0.95	1	1	4.990453
SU5_str	BOBJ1	176.6	After	Interior Girder 6	6.39	0.95	1	1	5.331493
SU5_str	BOBJ1	176.6	After	Right Exterior Girder	6.39	0.95	1	1	4.193427
SU5_str	BOBJ1	182.99	Before	Left Exterior Girder	12.78	0.95	1	1	6.352619
SU5_str	BOBJ1	182.99	Before	Interior Girder 1	12.78	0.95	1	1	4.298517
SU5_str	BOBJ1	182.99	Before	Interior Girder 2	12.78	0.95	1	1	3.906528
SU5_str	BOBJ1	182.99	Before	Interior Girder 3	12.78	0.95	1	1	3.743173
SU5_str	BOBJ1	182.99	Before	Interior Girder 4	12.78	0.95	1	1	3.743173
SU5_str	BOBJ1	182.99	Before	Interior Girder 5	12.78	0.95	1	1	3.906528
SU5_str	BOBJ1	182.99	Before	Interior Girder 6	12.78	0.95	1	1	4.298517
SU5_str	BOBJ1	182.99	Before	Right Exterior Girder	12.78	0.95	1	1	6.352619
SU5_str	BOBJ1	182.99	After	Left Exterior Girder	12.78	0.95	1	1	6.280006
SU5_str	BOBJ1	182.99	After	Interior Girder 1	12.78	0.95	1	1	4.301661
SU5_str	BOBJ1	182.99	After	Interior Girder 2	12.78	0.95	1	1	3.951986
SU5_str	BOBJ1	182.99	After	Interior Girder 3	12.78	0.95	1	1	3.892017
SU5_str	BOBJ1	182.99	After	Interior Girder 4	12.78	0.95	1	1	3.892017
SU5_str	BOBJ1	182.99	After	Interior Girder 5	12.78	0.95	1	1	3.951986
SU5_str	BOBJ1	182.99	After	Interior Girder 6	12.78	0.95	1	1	4.301661
SU5_str	BOBJ1	182.99	After	Right Exterior Girder	12.78	0.95	1	1	6.280006
SU5_str	BOBJ1	189.38	Before	Left Exterior Girder	19.17	0.95	1	1	3.284918
SU5_str	BOBJ1	189.38	Before	Interior Girder 1	19.17	0.95	1	1	2.800474
SU5_str	BOBJ1	189.38	Before	Interior Girder 2	19.17	0.95	1	1	2.574022
SU5_str	BOBJ1	189.38	Before	Interior Girder 3	19.17	0.95	1	1	2.521172
SU5_str	BOBJ1	189.38	Before	Interior Girder 4	19.17	0.95	1	1	2.521172
SU5_str	BOBJ1	189.38	Before	Interior Girder 5	19.17	0.95	1	1	2.574022
SU5_str	BOBJ1	189.38	Before	Interior Girder 6	19.17	0.95	1	1	2.800474
SU5_str	BOBJ1	189.38	Before	Right Exterior Girder	19.17	0.95	1	1	3.284918
SU5_str	BOBJ1	189.38	After	Left Exterior Girder	19.17	0.95	1	1	3.339415
SU5_str	BOBJ1	189.38	After	Interior Girder 1	19.17	0.95	1	1	2.768746
SU5_str	BOBJ1	189.38	After	Interior Girder 2	19.17	0.95	1	1	2.574528
SU5_str	BOBJ1	189.38	After	Interior Girder 3	19.17	0.95	1	1	2.552186
SU5_str	BOBJ1	189.38	After	Interior Girder 4	19.17	0.95	1	1	2.552186
SU5_str	BOBJ1	189.38	After	Interior Girder 5	19.17	0.95	1	1	2.574528
SU5_str	BOBJ1	189.38	After	Interior Girder 6	19.17	0.95	1	1	2.768746
SU5_str	BOBJ1	189.38	After	Right Exterior Girder	19.17	0.95	1	1	3.339415
SU5_str	BOBJ1	195.77	Before	Left Exterior Girder	25.56	0.95	1	1	2.509618
SU5_str	BOBJ1	195.77	Before	Interior Girder 1	25.56	0.95	1	1	1.934048
SU5_str	BOBJ1	195.77	Before	Interior Girder 2	25.56	0.95	1	1	1.857695
SU5_str	BOBJ1	195.77	Before	Interior Girder 3	25.56	0.95	1	1	1.799826
SU5_str	BOBJ1	195.77	Before	Interior Girder 4	25.56	0.95	1	1	1.799826
SU5_str	BOBJ1	195.77	Before	Interior Girder 5	25.56	0.95	1	1	1.857695
SU5_str	BOBJ1	195.77	Before	Interior Girder 6	25.56	0.95	1	1	1.934048
SU5_str	BOBJ1	195.77	Before	Right Exterior Girder	25.56	0.95	1	1	2.509618

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelINonCompStrgth-Flx - Approach, Span 16-19									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
SU5_str	BOBJ1	195.77	After	Left Exterior Girder	25.56	0.95	1	1	2.548692
SU5_str	BOBJ1	195.77	After	Interior Girder 1	25.56	0.95	1	1	1.910538
SU5_str	BOBJ1	195.77	After	Interior Girder 2	25.56	0.95	1	1	1.848171
SU5_str	BOBJ1	195.77	After	Interior Girder 3	25.56	0.95	1	1	1.805447
SU5_str	BOBJ1	195.77	After	Interior Girder 4	25.56	0.95	1	1	1.805447
SU5_str	BOBJ1	195.77	After	Interior Girder 5	25.56	0.95	1	1	1.848171
SU5_str	BOBJ1	195.77	After	Interior Girder 6	25.56	0.95	1	1	1.910538
SU5_str	BOBJ1	195.77	After	Right Exterior Girder	25.56	0.95	1	1	2.548692
SU5_str	BOBJ1	202.16	Before	Left Exterior Girder	31.95	0.95	1	1	2.205238
SU5_str	BOBJ1	202.16	Before	Interior Girder 1	31.95	0.95	1	1	1.703696
SU5_str	BOBJ1	202.16	Before	Interior Girder 2	31.95	0.95	1	1	1.657165
SU5_str	BOBJ1	202.16	Before	Interior Girder 3	31.95	0.95	1	1	1.618507
SU5_str	BOBJ1	202.16	Before	Interior Girder 4	31.95	0.95	1	1	1.618507
SU5_str	BOBJ1	202.16	Before	Interior Girder 5	31.95	0.95	1	1	1.657165
SU5_str	BOBJ1	202.16	Before	Interior Girder 6	31.95	0.95	1	1	1.703696
SU5_str	BOBJ1	202.16	Before	Right Exterior Girder	31.95	0.95	1	1	2.205238
SU5_str	BOBJ1	202.16	After	Left Exterior Girder	31.95	0.95	1	1	2.190118
SU5_str	BOBJ1	202.16	After	Interior Girder 1	31.95	0.95	1	1	1.709345
SU5_str	BOBJ1	202.16	After	Interior Girder 2	31.95	0.95	1	1	1.664825
SU5_str	BOBJ1	202.16	After	Interior Girder 3	31.95	0.95	1	1	1.624176
SU5_str	BOBJ1	202.16	After	Interior Girder 4	31.95	0.95	1	1	1.624176
SU5_str	BOBJ1	202.16	After	Interior Girder 5	31.95	0.95	1	1	1.664825
SU5_str	BOBJ1	202.16	After	Interior Girder 6	31.95	0.95	1	1	1.709345
SU5_str	BOBJ1	202.16	After	Right Exterior Girder	31.95	0.95	1	1	2.190118
SU5_str	BOBJ1	208.55	Before	Left Exterior Girder	38.34	0.95	1	1	2.130105
SU5_str	BOBJ1	208.55	Before	Interior Girder 1	38.34	0.95	1	1	1.841858
SU5_str	BOBJ1	208.55	Before	Interior Girder 2	38.34	0.95	1	1	1.780815
SU5_str	BOBJ1	208.55	Before	Interior Girder 3	38.34	0.95	1	1	1.770403
SU5_str	BOBJ1	208.55	Before	Interior Girder 4	38.34	0.95	1	1	1.770403
SU5_str	BOBJ1	208.55	Before	Interior Girder 5	38.34	0.95	1	1	1.780815
SU5_str	BOBJ1	208.55	Before	Interior Girder 6	38.34	0.95	1	1	1.841858
SU5_str	BOBJ1	208.55	Before	Right Exterior Girder	38.34	0.95	1	1	2.130105
SU5_str	BOBJ1	208.55	After	Left Exterior Girder	38.34	0.95	1	1	2.108932
SU5_str	BOBJ1	208.55	After	Interior Girder 1	38.34	0.95	1	1	1.853338
SU5_str	BOBJ1	208.55	After	Interior Girder 2	38.34	0.95	1	1	1.780336
SU5_str	BOBJ1	208.55	After	Interior Girder 3	38.34	0.95	1	1	1.762543
SU5_str	BOBJ1	208.55	After	Interior Girder 4	38.34	0.95	1	1	1.762543
SU5_str	BOBJ1	208.55	After	Interior Girder 5	38.34	0.95	1	1	1.780336
SU5_str	BOBJ1	208.55	After	Interior Girder 6	38.34	0.95	1	1	1.853338
SU5_str	BOBJ1	208.55	After	Right Exterior Girder	38.34	0.95	1	1	2.108932
SU5_str	BOBJ1	215.1233	Before	Left Exterior Girder	44.9133	0.95	1	1	2.960195
SU5_str	BOBJ1	215.1233	Before	Interior Girder 1	44.9133	0.95	1	1	2.178883
SU5_str	BOBJ1	215.1233	Before	Interior Girder 2	44.9133	0.95	1	1	2.08701
SU5_str	BOBJ1	215.1233	Before	Interior Girder 3	44.9133	0.95	1	1	1.999893
SU5_str	BOBJ1	215.1233	Before	Interior Girder 4	44.9133	0.95	1	1	1.999893
SU5_str	BOBJ1	215.1233	Before	Interior Girder 5	44.9133	0.95	1	1	2.08701
SU5_str	BOBJ1	215.1233	Before	Interior Girder 6	44.9133	0.95	1	1	2.178883
SU5_str	BOBJ1	215.1233	Before	Right Exterior Girder	44.9133	0.95	1	1	2.960195
SU5_str	BOBJ1	215.1233	After	Left Exterior Girder	44.9133	0.95	1	1	2.941916
SU5_str	BOBJ1	215.1233	After	Interior Girder 1	44.9133	0.95	1	1	2.187108
SU5_str	BOBJ1	215.1233	After	Interior Girder 2	44.9133	0.95	1	1	2.061716
SU5_str	BOBJ1	215.1233	After	Interior Girder 3	44.9133	0.95	1	1	1.966421
SU5_str	BOBJ1	215.1233	After	Interior Girder 4	44.9133	0.95	1	1	1.966421
SU5_str	BOBJ1	215.1233	After	Interior Girder 5	44.9133	0.95	1	1	2.061716
SU5_str	BOBJ1	215.1233	After	Interior Girder 6	44.9133	0.95	1	1	2.187108
SU5_str	BOBJ1	215.1233	After	Right Exterior Girder	44.9133	0.95	1	1	2.941916
SU5_str	BOBJ1	221.6967	Before	Left Exterior Girder	51.4867	0.95	1	1	5.970241
SU5_str	BOBJ1	221.6967	Before	Interior Girder 1	51.4867	0.95	1	1	3.654993
SU5_str	BOBJ1	221.6967	Before	Interior Girder 2	51.4867	0.95	1	1	3.495729
SU5_str	BOBJ1	221.6967	Before	Interior Girder 3	51.4867	0.95	1	1	3.177747
SU5_str	BOBJ1	221.6967	Before	Interior Girder 4	51.4867	0.95	1	1	3.177747
SU5_str	BOBJ1	221.6967	Before	Interior Girder 5	51.4867	0.95	1	1	3.495729
SU5_str	BOBJ1	221.6967	Before	Interior Girder 6	51.4867	0.95	1	1	3.654993
SU5_str	BOBJ1	221.6967	Before	Right Exterior Girder	51.4867	0.95	1	1	5.970241
SU5_str	BOBJ1	221.6967	After	Left Exterior Girder	51.4867	0.95	1	1	5.933327

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelINonCompStrgth-Flx - Approach, Span 16-19									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
SU5_str	BOBJ1	221.6967	After	Interior Girder 1	51.4867	0.95	1	1	3.670639
SU5_str	BOBJ1	221.6967	After	Interior Girder 2	51.4867	0.95	1	1	3.44458
SU5_str	BOBJ1	221.6967	After	Interior Girder 3	51.4867	0.95	1	1	3.054029
SU5_str	BOBJ1	221.6967	After	Interior Girder 4	51.4867	0.95	1	1	3.054029
SU5_str	BOBJ1	221.6967	After	Interior Girder 5	51.4867	0.95	1	1	3.44458
SU5_str	BOBJ1	221.6967	After	Interior Girder 6	51.4867	0.95	1	1	3.670639
SU5_str	BOBJ1	221.6967	After	Right Exterior Girder	51.4867	0.95	1	1	5.933327
SU5_str	BOBJ1	228.27	Before	Left Exterior Girder	58.06	0.95	1	1	438.34512
SU5_str	BOBJ1	228.27	Before	Interior Girder 1	58.06	0.95	1	1	330.453215
SU5_str	BOBJ1	228.27	Before	Interior Girder 2	58.06	0.95	1	1	220.231518
SU5_str	BOBJ1	228.27	Before	Interior Girder 3	58.06	0.95	1	1	162.363714
SU5_str	BOBJ1	228.27	Before	Interior Girder 4	58.06	0.95	1	1	162.363713
SU5_str	BOBJ1	228.27	Before	Interior Girder 5	58.06	0.95	1	1	220.231517
SU5_str	BOBJ1	228.27	Before	Interior Girder 6	58.06	0.95	1	1	330.453214
SU5_str	BOBJ1	228.27	Before	Right Exterior Girder	58.06	0.95	1	1	438.345121
SU6_str	BOBJ1	0	After	Left Exterior Girder	0	0.95	1	1	400.548694
SU6_str	BOBJ1	0	After	Interior Girder 1	0	0.95	1	1	370.281043
SU6_str	BOBJ1	0	After	Interior Girder 2	0	0.95	1	1	221.367336
SU6_str	BOBJ1	0	After	Interior Girder 3	0	0.95	1	1	175.534398
SU6_str	BOBJ1	0	After	Interior Girder 4	0	0.95	1	1	175.534399
SU6_str	BOBJ1	0	After	Interior Girder 5	0	0.95	1	1	221.367338
SU6_str	BOBJ1	0	After	Interior Girder 6	0	0.95	1	1	370.281043
SU6_str	BOBJ1	0	After	Right Exterior Girder	0	0.95	1	1	400.548694
SU6_str	BOBJ1	5.3833	Before	Left Exterior Girder	5.3833	0.95	1	1	6.001007
SU6_str	BOBJ1	5.3833	Before	Interior Girder 1	5.3833	0.95	1	1	3.768308
SU6_str	BOBJ1	5.3833	Before	Interior Girder 2	5.3833	0.95	1	1	3.50698
SU6_str	BOBJ1	5.3833	Before	Interior Girder 3	5.3833	0.95	1	1	3.070953
SU6_str	BOBJ1	5.3833	Before	Interior Girder 4	5.3833	0.95	1	1	3.070953
SU6_str	BOBJ1	5.3833	Before	Interior Girder 5	5.3833	0.95	1	1	3.50698
SU6_str	BOBJ1	5.3833	Before	Interior Girder 6	5.3833	0.95	1	1	3.768308
SU6_str	BOBJ1	5.3833	Before	Right Exterior Girder	5.3833	0.95	1	1	6.001007
SU6_str	BOBJ1	5.3833	After	Left Exterior Girder	5.3833	0.95	1	1	6.085334
SU6_str	BOBJ1	5.3833	After	Interior Girder 1	5.3833	0.95	1	1	3.780905
SU6_str	BOBJ1	5.3833	After	Interior Girder 2	5.3833	0.95	1	1	3.56036
SU6_str	BOBJ1	5.3833	After	Interior Girder 3	5.3833	0.95	1	1	3.177559
SU6_str	BOBJ1	5.3833	After	Interior Girder 4	5.3833	0.95	1	1	3.177559
SU6_str	BOBJ1	5.3833	After	Interior Girder 5	5.3833	0.95	1	1	3.56036
SU6_str	BOBJ1	5.3833	After	Interior Girder 6	5.3833	0.95	1	1	3.780905
SU6_str	BOBJ1	5.3833	After	Right Exterior Girder	5.3833	0.95	1	1	6.085334
SU6_str	BOBJ1	10.7667	Before	Left Exterior Girder	10.7667	0.95	1	1	3.102585
SU6_str	BOBJ1	10.7667	Before	Interior Girder 1	10.7667	0.95	1	1	2.300555
SU6_str	BOBJ1	10.7667	Before	Interior Girder 2	10.7667	0.95	1	1	2.146837
SU6_str	BOBJ1	10.7667	Before	Interior Girder 3	10.7667	0.95	1	1	2.023752
SU6_str	BOBJ1	10.7667	Before	Interior Girder 4	10.7667	0.95	1	1	2.023752
SU6_str	BOBJ1	10.7667	Before	Interior Girder 5	10.7667	0.95	1	1	2.146837
SU6_str	BOBJ1	10.7667	Before	Interior Girder 6	10.7667	0.95	1	1	2.300555
SU6_str	BOBJ1	10.7667	Before	Right Exterior Girder	10.7667	0.95	1	1	3.102585
SU6_str	BOBJ1	10.7667	After	Left Exterior Girder	10.7667	0.95	1	1	3.087714
SU6_str	BOBJ1	10.7667	After	Interior Girder 1	10.7667	0.95	1	1	2.307231
SU6_str	BOBJ1	10.7667	After	Interior Girder 2	10.7667	0.95	1	1	2.179405
SU6_str	BOBJ1	10.7667	After	Interior Girder 3	10.7667	0.95	1	1	2.062677
SU6_str	BOBJ1	10.7667	After	Interior Girder 4	10.7667	0.95	1	1	2.062677
SU6_str	BOBJ1	10.7667	After	Interior Girder 5	10.7667	0.95	1	1	2.179405
SU6_str	BOBJ1	10.7667	After	Interior Girder 6	10.7667	0.95	1	1	2.307231
SU6_str	BOBJ1	10.7667	After	Right Exterior Girder	10.7667	0.95	1	1	3.087714
SU6_str	BOBJ1	16.15	Before	Left Exterior Girder	16.15	0.95	1	1	2.363922
SU6_str	BOBJ1	16.15	Before	Interior Girder 1	16.15	0.95	1	1	2.060459
SU6_str	BOBJ1	16.15	Before	Interior Girder 2	16.15	0.95	1	1	1.920084
SU6_str	BOBJ1	16.15	Before	Interior Girder 3	16.15	0.95	1	1	1.857522
SU6_str	BOBJ1	16.15	Before	Interior Girder 4	16.15	0.95	1	1	1.857522
SU6_str	BOBJ1	16.15	Before	Interior Girder 5	16.15	0.95	1	1	1.920084
SU6_str	BOBJ1	16.15	Before	Interior Girder 6	16.15	0.95	1	1	2.060459
SU6_str	BOBJ1	16.15	Before	Right Exterior Girder	16.15	0.95	1	1	2.363922
SU6_str	BOBJ1	16.15	After	Left Exterior Girder	16.15	0.95	1	1	2.373107
SU6_str	BOBJ1	16.15	After	Interior Girder 1	16.15	0.95	1	1	2.050809

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelINonCompStrgth-Flx - Approach, Span 16-19									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
SU6_str	BOBJ1	16.15	After	Interior Girder 2	16.15	0.95	1	1	1.921977
SU6_str	BOBJ1	16.15	After	Interior Girder 3	16.15	0.95	1	1	1.861513
SU6_str	BOBJ1	16.15	After	Interior Girder 4	16.15	0.95	1	1	1.861513
SU6_str	BOBJ1	16.15	After	Interior Girder 5	16.15	0.95	1	1	1.921977
SU6_str	BOBJ1	16.15	After	Interior Girder 6	16.15	0.95	1	1	2.050809
SU6_str	BOBJ1	16.15	After	Right Exterior Girder	16.15	0.95	1	1	2.373107
SU6_str	BOBJ1	22.1267	Before	Left Exterior Girder	22.1267	0.95	1	1	2.589665
SU6_str	BOBJ1	22.1267	Before	Interior Girder 1	22.1267	0.95	1	1	1.968283
SU6_str	BOBJ1	22.1267	Before	Interior Girder 2	22.1267	0.95	1	1	1.86098
SU6_str	BOBJ1	22.1267	Before	Interior Girder 3	22.1267	0.95	1	1	1.777579
SU6_str	BOBJ1	22.1267	Before	Interior Girder 4	22.1267	0.95	1	1	1.777579
SU6_str	BOBJ1	22.1267	Before	Interior Girder 5	22.1267	0.95	1	1	1.86098
SU6_str	BOBJ1	22.1267	Before	Interior Girder 6	22.1267	0.95	1	1	1.968283
SU6_str	BOBJ1	22.1267	Before	Right Exterior Girder	22.1267	0.95	1	1	2.589665
SU6_str	BOBJ1	22.1267	After	Left Exterior Girder	22.1267	0.95	1	1	2.604851
SU6_str	BOBJ1	22.1267	After	Interior Girder 1	22.1267	0.95	1	1	1.960776
SU6_str	BOBJ1	22.1267	After	Interior Girder 2	22.1267	0.95	1	1	1.852186
SU6_str	BOBJ1	22.1267	After	Interior Girder 3	22.1267	0.95	1	1	1.769914
SU6_str	BOBJ1	22.1267	After	Interior Girder 4	22.1267	0.95	1	1	1.769914
SU6_str	BOBJ1	22.1267	After	Interior Girder 5	22.1267	0.95	1	1	1.852186
SU6_str	BOBJ1	22.1267	After	Interior Girder 6	22.1267	0.95	1	1	1.960776
SU6_str	BOBJ1	22.1267	After	Right Exterior Girder	22.1267	0.95	1	1	2.604851
SU6_str	BOBJ1	28.1033	Before	Left Exterior Girder	28.1033	0.95	1	1	3.342584
SU6_str	BOBJ1	28.1033	Before	Interior Girder 1	28.1033	0.95	1	1	2.389893
SU6_str	BOBJ1	28.1033	Before	Interior Girder 2	28.1033	0.95	1	1	2.246835
SU6_str	BOBJ1	28.1033	Before	Interior Girder 3	28.1033	0.95	1	1	2.160627
SU6_str	BOBJ1	28.1033	Before	Interior Girder 4	28.1033	0.95	1	1	2.160627
SU6_str	BOBJ1	28.1033	Before	Interior Girder 5	28.1033	0.95	1	1	2.246835
SU6_str	BOBJ1	28.1033	Before	Interior Girder 6	28.1033	0.95	1	1	2.389893
SU6_str	BOBJ1	28.1033	Before	Right Exterior Girder	28.1033	0.95	1	1	3.342584
SU6_str	BOBJ1	28.1033	After	Left Exterior Girder	28.1033	0.95	1	1	3.301519
SU6_str	BOBJ1	28.1033	After	Interior Girder 1	28.1033	0.95	1	1	2.416964
SU6_str	BOBJ1	28.1033	After	Interior Girder 2	28.1033	0.95	1	1	2.252439
SU6_str	BOBJ1	28.1033	After	Interior Girder 3	28.1033	0.95	1	1	2.150301
SU6_str	BOBJ1	28.1033	After	Interior Girder 4	28.1033	0.95	1	1	2.150301
SU6_str	BOBJ1	28.1033	After	Interior Girder 5	28.1033	0.95	1	1	2.252439
SU6_str	BOBJ1	28.1033	After	Interior Girder 6	28.1033	0.95	1	1	2.416964
SU6_str	BOBJ1	28.1033	After	Right Exterior Girder	28.1033	0.95	1	1	3.301519
SU6_str	BOBJ1	34.08	Before	Left Exterior Girder	34.08	0.95	1	1	3.843745
SU6_str	BOBJ1	34.08	Before	Interior Girder 1	34.08	0.95	1	1	3.910376
SU6_str	BOBJ1	34.08	Before	Interior Girder 2	34.08	0.95	1	1	3.713548
SU6_str	BOBJ1	34.08	Before	Interior Girder 3	34.08	0.95	1	1	3.668008
SU6_str	BOBJ1	34.08	Before	Interior Girder 4	34.08	0.95	1	1	3.668008
SU6_str	BOBJ1	34.08	Before	Interior Girder 5	34.08	0.95	1	1	3.713548
SU6_str	BOBJ1	34.08	Before	Interior Girder 6	34.08	0.95	1	1	3.910376
SU6_str	BOBJ1	34.08	Before	Right Exterior Girder	34.08	0.95	1	1	3.843745
SU6_str	BOBJ1	34.08	After	Left Exterior Girder	34.08	0.95	1	1	3.648468
SU6_str	BOBJ1	34.08	After	Interior Girder 1	34.08	0.95	1	1	3.868701
SU6_str	BOBJ1	34.08	After	Interior Girder 2	34.08	0.95	1	1	3.702907
SU6_str	BOBJ1	34.08	After	Interior Girder 3	34.08	0.95	1	1	3.595107
SU6_str	BOBJ1	34.08	After	Interior Girder 4	34.08	0.95	1	1	3.595107
SU6_str	BOBJ1	34.08	After	Interior Girder 5	34.08	0.95	1	1	3.702907
SU6_str	BOBJ1	34.08	After	Interior Girder 6	34.08	0.95	1	1	3.868701
SU6_str	BOBJ1	34.08	After	Right Exterior Girder	34.08	0.95	1	1	3.648468
SU6_str	BOBJ1	39.855	Before	Left Exterior Girder	39.855	0.95	1	1	2.296578
SU6_str	BOBJ1	39.855	Before	Interior Girder 1	39.855	0.95	1	1	2.869629
SU6_str	BOBJ1	39.855	Before	Interior Girder 2	39.855	0.95	1	1	2.848085
SU6_str	BOBJ1	39.855	Before	Interior Girder 3	39.855	0.95	1	1	2.720995
SU6_str	BOBJ1	39.855	Before	Interior Girder 4	39.855	0.95	1	1	2.720995
SU6_str	BOBJ1	39.855	Before	Interior Girder 5	39.855	0.95	1	1	2.848085
SU6_str	BOBJ1	39.855	Before	Interior Girder 6	39.855	0.95	1	1	2.869629
SU6_str	BOBJ1	39.855	Before	Right Exterior Girder	39.855	0.95	1	1	2.296578
SU6_str	BOBJ1	39.855	After	Left Exterior Girder	39.855	0.95	1	1	2.342611
SU6_str	BOBJ1	39.855	After	Interior Girder 1	39.855	0.95	1	1	2.826741
SU6_str	BOBJ1	39.855	After	Interior Girder 2	39.855	0.95	1	1	2.810564

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelINonCompStrgth-Flx - Approach, Span 16-19									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
SU6_str	BOBJ1	39.855	After	Interior Girder 3	39.855	0.95	1	1	2.706065
SU6_str	BOBJ1	39.855	After	Interior Girder 4	39.855	0.95	1	1	2.706065
SU6_str	BOBJ1	39.855	After	Interior Girder 5	39.855	0.95	1	1	2.810564
SU6_str	BOBJ1	39.855	After	Interior Girder 6	39.855	0.95	1	1	2.826741
SU6_str	BOBJ1	39.855	After	Right Exterior Girder	39.855	0.95	1	1	2.342611
SU6_str	BOBJ1	40.0288	Before	Left Exterior Girder	40.0288	0.95	1	1	2.290481
SU6_str	BOBJ1	40.0288	Before	Right Exterior Girder	40.0288	0.95	1	1	2.290481
SU6_str	BOBJ1	40.0288	After	Left Exterior Girder	40.0288	0.95	1	1	3.38688
SU6_str	BOBJ1	40.0288	After	Right Exterior Girder	40.0288	0.95	1	1	3.38688
SU6_str	BOBJ1	45.63	Before	Left Exterior Girder	45.63	0.95	1	1	2.10267
SU6_str	BOBJ1	45.63	Before	Interior Girder 1	45.63	0.95	1	1	1.962272
SU6_str	BOBJ1	45.63	Before	Interior Girder 2	45.63	0.95	1	1	1.962622
SU6_str	BOBJ1	45.63	Before	Interior Girder 3	45.63	0.95	1	1	1.668665
SU6_str	BOBJ1	45.63	Before	Interior Girder 4	45.63	0.95	1	1	1.668665
SU6_str	BOBJ1	45.63	Before	Interior Girder 5	45.63	0.95	1	1	1.962622
SU6_str	BOBJ1	45.63	Before	Interior Girder 6	45.63	0.95	1	1	1.962272
SU6_str	BOBJ1	45.63	Before	Right Exterior Girder	45.63	0.95	1	1	2.10267
SU6_str	BOBJ1	45.63	After	Left Exterior Girder	0	0.95	1	1	2.092255
SU6_str	BOBJ1	45.63	After	Interior Girder 1	0	0.95	1	1	1.772629
SU6_str	BOBJ1	45.63	After	Interior Girder 2	0	0.95	1	1	1.749909
SU6_str	BOBJ1	45.63	After	Interior Girder 3	0	0.95	1	1	1.437627
SU6_str	BOBJ1	45.63	After	Interior Girder 4	0	0.95	1	1	1.437627
SU6_str	BOBJ1	45.63	After	Interior Girder 5	0	0.95	1	1	1.749909
SU6_str	BOBJ1	45.63	After	Interior Girder 6	0	0.95	1	1	1.772629
SU6_str	BOBJ1	45.63	After	Right Exterior Girder	0	0.95	1	1	2.092255
SU6_str	BOBJ1	50.6298	Before	Left Exterior Girder	4.9998	0.95	1	1	5.832054
SU6_str	BOBJ1	50.6298	Before	Right Exterior Girder	4.9998	0.95	1	1	5.832054
SU6_str	BOBJ1	50.6298	After	Left Exterior Girder	4.9998	0.95	1	1	3.73632
SU6_str	BOBJ1	50.6298	After	Right Exterior Girder	4.9998	0.95	1	1	3.73632
SU6_str	BOBJ1	51.4	Before	Left Exterior Girder	5.77	0.95	1	1	4.453243
SU6_str	BOBJ1	51.4	Before	Interior Girder 1	5.77	0.95	1	1	4.818116
SU6_str	BOBJ1	51.4	Before	Interior Girder 2	5.77	0.95	1	1	4.484546
SU6_str	BOBJ1	51.4	Before	Interior Girder 3	5.77	0.95	1	1	4.144723
SU6_str	BOBJ1	51.4	Before	Interior Girder 4	5.77	0.95	1	1	4.144723
SU6_str	BOBJ1	51.4	Before	Interior Girder 5	5.77	0.95	1	1	4.484546
SU6_str	BOBJ1	51.4	Before	Interior Girder 6	5.77	0.95	1	1	4.818116
SU6_str	BOBJ1	51.4	Before	Right Exterior Girder	5.77	0.95	1	1	4.453243
SU6_str	BOBJ1	51.4	After	Left Exterior Girder	5.77	0.95	1	1	4.352713
SU6_str	BOBJ1	51.4	After	Interior Girder 1	5.77	0.95	1	1	4.911276
SU6_str	BOBJ1	51.4	After	Interior Girder 2	5.77	0.95	1	1	4.541769
SU6_str	BOBJ1	51.4	After	Interior Girder 3	5.77	0.95	1	1	4.187051
SU6_str	BOBJ1	51.4	After	Interior Girder 4	5.77	0.95	1	1	4.187051
SU6_str	BOBJ1	51.4	After	Interior Girder 5	5.77	0.95	1	1	4.541769
SU6_str	BOBJ1	51.4	After	Interior Girder 6	5.77	0.95	1	1	4.911276
SU6_str	BOBJ1	51.4	After	Right Exterior Girder	5.77	0.95	1	1	4.352713
SU6_str	BOBJ1	57.17	Before	Left Exterior Girder	11.54	0.95	1	1	6.395699
SU6_str	BOBJ1	57.17	Before	Interior Girder 1	11.54	0.95	1	1	4.847749
SU6_str	BOBJ1	57.17	Before	Interior Girder 2	11.54	0.95	1	1	4.186537
SU6_str	BOBJ1	57.17	Before	Interior Girder 3	11.54	0.95	1	1	4.048718
SU6_str	BOBJ1	57.17	Before	Interior Girder 4	11.54	0.95	1	1	4.048718
SU6_str	BOBJ1	57.17	Before	Interior Girder 5	11.54	0.95	1	1	4.186537
SU6_str	BOBJ1	57.17	Before	Interior Girder 6	11.54	0.95	1	1	4.847749
SU6_str	BOBJ1	57.17	Before	Right Exterior Girder	11.54	0.95	1	1	6.395699
SU6_str	BOBJ1	57.17	After	Left Exterior Girder	11.54	0.95	1	1	6.506156
SU6_str	BOBJ1	57.17	After	Interior Girder 1	11.54	0.95	1	1	4.79493
SU6_str	BOBJ1	57.17	After	Interior Girder 2	11.54	0.95	1	1	4.170086
SU6_str	BOBJ1	57.17	After	Interior Girder 3	11.54	0.95	1	1	4.11669
SU6_str	BOBJ1	57.17	After	Interior Girder 4	11.54	0.95	1	1	4.11669
SU6_str	BOBJ1	57.17	After	Interior Girder 5	11.54	0.95	1	1	4.170086
SU6_str	BOBJ1	57.17	After	Interior Girder 6	11.54	0.95	1	1	4.79493
SU6_str	BOBJ1	57.17	After	Right Exterior Girder	11.54	0.95	1	1	6.506156
SU6_str	BOBJ1	63.34	Before	Left Exterior Girder	17.71	0.95	1	1	3.145154
SU6_str	BOBJ1	63.34	Before	Interior Girder 1	17.71	0.95	1	1	2.351833
SU6_str	BOBJ1	63.34	Before	Interior Girder 2	17.71	0.95	1	1	2.188256
SU6_str	BOBJ1	63.34	Before	Interior Girder 3	17.71	0.95	1	1	2.093986

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelINonCompStrgth-Flx - Approach, Span 16-19									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
SU6_str	BOBJ1	63.34	Before	Interior Girder 4	17.71	0.95	1	1	2.093986
SU6_str	BOBJ1	63.34	Before	Interior Girder 5	17.71	0.95	1	1	2.188256
SU6_str	BOBJ1	63.34	Before	Interior Girder 6	17.71	0.95	1	1	2.351833
SU6_str	BOBJ1	63.34	Before	Right Exterior Girder	17.71	0.95	1	1	3.145154
SU6_str	BOBJ1	63.34	After	Left Exterior Girder	17.71	0.95	1	1	3.235191
SU6_str	BOBJ1	63.34	After	Interior Girder 1	17.71	0.95	1	1	2.309487
SU6_str	BOBJ1	63.34	After	Interior Girder 2	17.71	0.95	1	1	2.172334
SU6_str	BOBJ1	63.34	After	Interior Girder 3	17.71	0.95	1	1	2.110174
SU6_str	BOBJ1	63.34	After	Interior Girder 4	17.71	0.95	1	1	2.110174
SU6_str	BOBJ1	63.34	After	Interior Girder 5	17.71	0.95	1	1	2.172334
SU6_str	BOBJ1	63.34	After	Interior Girder 6	17.71	0.95	1	1	2.309487
SU6_str	BOBJ1	63.34	After	Right Exterior Girder	17.71	0.95	1	1	3.235191
SU6_str	BOBJ1	69.51	Before	Left Exterior Girder	23.88	0.95	1	1	1.992579
SU6_str	BOBJ1	69.51	Before	Interior Girder 1	23.88	0.95	1	1	1.629742
SU6_str	BOBJ1	69.51	Before	Interior Girder 2	23.88	0.95	1	1	1.570132
SU6_str	BOBJ1	69.51	Before	Interior Girder 3	23.88	0.95	1	1	1.533806
SU6_str	BOBJ1	69.51	Before	Interior Girder 4	23.88	0.95	1	1	1.533806
SU6_str	BOBJ1	69.51	Before	Interior Girder 5	23.88	0.95	1	1	1.570132
SU6_str	BOBJ1	69.51	Before	Interior Girder 6	23.88	0.95	1	1	1.629742
SU6_str	BOBJ1	69.51	Before	Right Exterior Girder	23.88	0.95	1	1	1.992579
SU6_str	BOBJ1	69.51	After	Left Exterior Girder	23.88	0.95	1	1	2.007541
SU6_str	BOBJ1	69.51	After	Interior Girder 1	23.88	0.95	1	1	1.625744
SU6_str	BOBJ1	69.51	After	Interior Girder 2	23.88	0.95	1	1	1.576052
SU6_str	BOBJ1	69.51	After	Interior Girder 3	23.88	0.95	1	1	1.545712
SU6_str	BOBJ1	69.51	After	Interior Girder 4	23.88	0.95	1	1	1.545712
SU6_str	BOBJ1	69.51	After	Interior Girder 5	23.88	0.95	1	1	1.576052
SU6_str	BOBJ1	69.51	After	Interior Girder 6	23.88	0.95	1	1	1.625744
SU6_str	BOBJ1	69.51	After	Right Exterior Girder	23.88	0.95	1	1	2.007541
SU6_str	BOBJ1	75.68	Before	Left Exterior Girder	30.05	0.95	1	1	1.510737
SU6_str	BOBJ1	75.68	Before	Interior Girder 1	30.05	0.95	1	1	1.454377
SU6_str	BOBJ1	75.68	Before	Interior Girder 2	30.05	0.95	1	1	1.428475
SU6_str	BOBJ1	75.68	Before	Interior Girder 3	30.05	0.95	1	1	1.44268
SU6_str	BOBJ1	75.68	Before	Interior Girder 4	30.05	0.95	1	1	1.44268
SU6_str	BOBJ1	75.68	Before	Interior Girder 5	30.05	0.95	1	1	1.428475
SU6_str	BOBJ1	75.68	Before	Interior Girder 6	30.05	0.95	1	1	1.454377
SU6_str	BOBJ1	75.68	Before	Right Exterior Girder	30.05	0.95	1	1	1.510737
SU6_str	BOBJ1	75.68	After	Left Exterior Girder	30.05	0.95	1	1	1.521882
SU6_str	BOBJ1	75.68	After	Interior Girder 1	30.05	0.95	1	1	1.448653
SU6_str	BOBJ1	75.68	After	Interior Girder 2	30.05	0.95	1	1	1.426495
SU6_str	BOBJ1	75.68	After	Interior Girder 3	30.05	0.95	1	1	1.443703
SU6_str	BOBJ1	75.68	After	Interior Girder 4	30.05	0.95	1	1	1.443703
SU6_str	BOBJ1	75.68	After	Interior Girder 5	30.05	0.95	1	1	1.426495
SU6_str	BOBJ1	75.68	After	Interior Girder 6	30.05	0.95	1	1	1.448653
SU6_str	BOBJ1	75.68	After	Right Exterior Girder	30.05	0.95	1	1	1.521882
SU6_str	BOBJ1	81.8467	Before	Left Exterior Girder	36.2167	0.95	1	1	1.577527
SU6_str	BOBJ1	81.8467	Before	Interior Girder 1	36.2167	0.95	1	1	1.34964
SU6_str	BOBJ1	81.8467	Before	Interior Girder 2	36.2167	0.95	1	1	1.333068
SU6_str	BOBJ1	81.8467	Before	Interior Girder 3	36.2167	0.95	1	1	1.313982
SU6_str	BOBJ1	81.8467	Before	Interior Girder 4	36.2167	0.95	1	1	1.313982
SU6_str	BOBJ1	81.8467	Before	Interior Girder 5	36.2167	0.95	1	1	1.333068
SU6_str	BOBJ1	81.8467	Before	Interior Girder 6	36.2167	0.95	1	1	1.34964
SU6_str	BOBJ1	81.8467	Before	Right Exterior Girder	36.2167	0.95	1	1	1.577527
SU6_str	BOBJ1	81.8467	After	Left Exterior Girder	36.2167	0.95	1	1	1.5824
SU6_str	BOBJ1	81.8467	After	Interior Girder 1	36.2167	0.95	1	1	1.345244
SU6_str	BOBJ1	81.8467	After	Interior Girder 2	36.2167	0.95	1	1	1.326837
SU6_str	BOBJ1	81.8467	After	Interior Girder 3	36.2167	0.95	1	1	1.307819
SU6_str	BOBJ1	81.8467	After	Interior Girder 4	36.2167	0.95	1	1	1.307819
SU6_str	BOBJ1	81.8467	After	Interior Girder 5	36.2167	0.95	1	1	1.326837
SU6_str	BOBJ1	81.8467	After	Interior Girder 6	36.2167	0.95	1	1	1.345244
SU6_str	BOBJ1	81.8467	After	Right Exterior Girder	36.2167	0.95	1	1	1.5824
SU6_str	BOBJ1	88.0133	Before	Left Exterior Girder	42.3833	0.95	1	1	1.905623
SU6_str	BOBJ1	88.0133	Before	Interior Girder 1	42.3833	0.95	1	1	1.548419
SU6_str	BOBJ1	88.0133	Before	Interior Girder 2	42.3833	0.95	1	1	1.507825
SU6_str	BOBJ1	88.0133	Before	Interior Girder 3	42.3833	0.95	1	1	1.483337
SU6_str	BOBJ1	88.0133	Before	Interior Girder 4	42.3833	0.95	1	1	1.483337

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelINonCompStrgth-Flx - Approach, Span 16-19									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
SU6_str	BOBJ1	88.0133	Before	Interior Girder 5	42.3833	0.95	1	1	1.507825
SU6_str	BOBJ1	88.0133	Before	Interior Girder 6	42.3833	0.95	1	1	1.548419
SU6_str	BOBJ1	88.0133	Before	Right Exterior Girder	42.3833	0.95	1	1	1.905623
SU6_str	BOBJ1	88.0133	After	Left Exterior Girder	42.3833	0.95	1	1	1.867817
SU6_str	BOBJ1	88.0133	After	Interior Girder 1	42.3833	0.95	1	1	1.569837
SU6_str	BOBJ1	88.0133	After	Interior Girder 2	42.3833	0.95	1	1	1.52036
SU6_str	BOBJ1	88.0133	After	Interior Girder 3	42.3833	0.95	1	1	1.482516
SU6_str	BOBJ1	88.0133	After	Interior Girder 4	42.3833	0.95	1	1	1.482516
SU6_str	BOBJ1	88.0133	After	Interior Girder 5	42.3833	0.95	1	1	1.52036
SU6_str	BOBJ1	88.0133	After	Interior Girder 6	42.3833	0.95	1	1	1.569837
SU6_str	BOBJ1	88.0133	After	Right Exterior Girder	42.3833	0.95	1	1	1.867817
SU6_str	BOBJ1	94.18	Before	Left Exterior Girder	48.55	0.95	1	1	2.616067
SU6_str	BOBJ1	94.18	Before	Interior Girder 1	48.55	0.95	1	1	2.32306
SU6_str	BOBJ1	94.18	Before	Interior Girder 2	48.55	0.95	1	1	2.160041
SU6_str	BOBJ1	94.18	Before	Interior Girder 3	48.55	0.95	1	1	2.144595
SU6_str	BOBJ1	94.18	Before	Interior Girder 4	48.55	0.95	1	1	2.144595
SU6_str	BOBJ1	94.18	Before	Interior Girder 5	48.55	0.95	1	1	2.160041
SU6_str	BOBJ1	94.18	Before	Interior Girder 6	48.55	0.95	1	1	2.32306
SU6_str	BOBJ1	94.18	Before	Right Exterior Girder	48.55	0.95	1	1	2.616067
SU6_str	BOBJ1	94.18	After	Left Exterior Girder	48.55	0.95	1	1	2.561373
SU6_str	BOBJ1	94.18	After	Interior Girder 1	48.55	0.95	1	1	2.352324
SU6_str	BOBJ1	94.18	After	Interior Girder 2	48.55	0.95	1	1	2.167885
SU6_str	BOBJ1	94.18	After	Interior Girder 3	48.55	0.95	1	1	2.124822
SU6_str	BOBJ1	94.18	After	Interior Girder 4	48.55	0.95	1	1	2.124822
SU6_str	BOBJ1	94.18	After	Interior Girder 5	48.55	0.95	1	1	2.167885
SU6_str	BOBJ1	94.18	After	Interior Girder 6	48.55	0.95	1	1	2.352324
SU6_str	BOBJ1	94.18	After	Right Exterior Girder	48.55	0.95	1	1	2.561373
SU6_str	BOBJ1	100.3567	Before	Left Exterior Girder	54.7267	0.95	1	1	5.13615
SU6_str	BOBJ1	100.3567	Before	Interior Girder 1	54.7267	0.95	1	1	3.738137
SU6_str	BOBJ1	100.3567	Before	Interior Girder 2	54.7267	0.95	1	1	3.407566
SU6_str	BOBJ1	100.3567	Before	Interior Girder 3	54.7267	0.95	1	1	3.337447
SU6_str	BOBJ1	100.3567	Before	Interior Girder 4	54.7267	0.95	1	1	3.337447
SU6_str	BOBJ1	100.3567	Before	Interior Girder 5	54.7267	0.95	1	1	3.407566
SU6_str	BOBJ1	100.3567	Before	Interior Girder 6	54.7267	0.95	1	1	3.738137
SU6_str	BOBJ1	100.3567	Before	Right Exterior Girder	54.7267	0.95	1	1	5.13615
SU6_str	BOBJ1	100.3567	After	Left Exterior Girder	54.7267	0.95	1	1	5.222324
SU6_str	BOBJ1	100.3567	After	Interior Girder 1	54.7267	0.95	1	1	3.74389
SU6_str	BOBJ1	100.3567	After	Interior Girder 2	54.7267	0.95	1	1	3.385646
SU6_str	BOBJ1	100.3567	After	Interior Girder 3	54.7267	0.95	1	1	3.229215
SU6_str	BOBJ1	100.3567	After	Interior Girder 4	54.7267	0.95	1	1	3.229215
SU6_str	BOBJ1	100.3567	After	Interior Girder 5	54.7267	0.95	1	1	3.385646
SU6_str	BOBJ1	100.3567	After	Interior Girder 6	54.7267	0.95	1	1	3.74389
SU6_str	BOBJ1	100.3567	After	Right Exterior Girder	54.7267	0.95	1	1	5.222324
SU6_str	BOBJ1	106.5333	Before	Left Exterior Girder	60.9033	0.95	1	1	3.201884
SU6_str	BOBJ1	106.5333	Before	Interior Girder 1	60.9033	0.95	1	1	4.271949
SU6_str	BOBJ1	106.5333	Before	Interior Girder 2	60.9033	0.95	1	1	4.020042
SU6_str	BOBJ1	106.5333	Before	Interior Girder 3	60.9033	0.95	1	1	3.788768
SU6_str	BOBJ1	106.5333	Before	Interior Girder 4	60.9033	0.95	1	1	3.788768
SU6_str	BOBJ1	106.5333	Before	Interior Girder 5	60.9033	0.95	1	1	4.020042
SU6_str	BOBJ1	106.5333	Before	Interior Girder 6	60.9033	0.95	1	1	4.271949
SU6_str	BOBJ1	106.5333	Before	Right Exterior Girder	60.9033	0.95	1	1	3.201884
SU6_str	BOBJ1	106.5333	After	Left Exterior Girder	60.9033	0.95	1	1	3.29303
SU6_str	BOBJ1	106.5333	After	Interior Girder 1	60.9033	0.95	1	1	4.167863
SU6_str	BOBJ1	106.5333	After	Interior Girder 2	60.9033	0.95	1	1	3.93695
SU6_str	BOBJ1	106.5333	After	Interior Girder 3	60.9033	0.95	1	1	3.709948
SU6_str	BOBJ1	106.5333	After	Interior Girder 4	60.9033	0.95	1	1	3.709948
SU6_str	BOBJ1	106.5333	After	Interior Girder 5	60.9033	0.95	1	1	3.93695
SU6_str	BOBJ1	106.5333	After	Interior Girder 6	60.9033	0.95	1	1	4.167863
SU6_str	BOBJ1	106.5333	After	Right Exterior Girder	60.9033	0.95	1	1	3.29303
SU6_str	BOBJ1	108.2102	Before	Left Exterior Girder	62.5802	0.95	1	1	2.688663
SU6_str	BOBJ1	108.2102	Before	Right Exterior Girder	62.5802	0.95	1	1	2.688663
SU6_str	BOBJ1	108.2102	After	Left Exterior Girder	62.5802	0.95	1	1	4.168375
SU6_str	BOBJ1	108.2102	After	Right Exterior Girder	62.5802	0.95	1	1	4.168375
SU6_str	BOBJ1	112.71	Before	Left Exterior Girder	67.08	0.95	1	1	1.868523
SU6_str	BOBJ1	112.71	Before	Interior Girder 1	67.08	0.95	1	1	1.834932

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelINonCompStrgth-Flx - Approach, Span 16-19									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
SU6_str	BOBJ1	112.71	Before	Interior Girder 2	67.08	0.95	1	1	1.788957
SU6_str	BOBJ1	112.71	Before	Interior Girder 3	67.08	0.95	1	1	1.505103
SU6_str	BOBJ1	112.71	Before	Interior Girder 4	67.08	0.95	1	1	1.505103
SU6_str	BOBJ1	112.71	Before	Interior Girder 5	67.08	0.95	1	1	1.788957
SU6_str	BOBJ1	112.71	Before	Interior Girder 6	67.08	0.95	1	1	1.834932
SU6_str	BOBJ1	112.71	Before	Right Exterior Girder	67.08	0.95	1	1	1.868523
SU6_str	BOBJ1	112.71	After	Left Exterior Girder	0	0.95	1	1	1.86619
SU6_str	BOBJ1	112.71	After	Interior Girder 1	0	0.95	1	1	2.087383
SU6_str	BOBJ1	112.71	After	Interior Girder 2	0	0.95	1	1	1.943414
SU6_str	BOBJ1	112.71	After	Interior Girder 3	0	0.95	1	1	1.643033
SU6_str	BOBJ1	112.71	After	Interior Girder 4	0	0.95	1	1	1.643033
SU6_str	BOBJ1	112.71	After	Interior Girder 5	0	0.95	1	1	1.943414
SU6_str	BOBJ1	112.71	After	Interior Girder 6	0	0.95	1	1	2.087383
SU6_str	BOBJ1	112.71	After	Right Exterior Girder	0	0.95	1	1	1.86619
SU6_str	BOBJ1	117.21	Before	Left Exterior Girder	4.5	0.95	1	1	2.830367
SU6_str	BOBJ1	117.21	Before	Right Exterior Girder	4.5	0.95	1	1	2.830367
SU6_str	BOBJ1	117.21	After	Left Exterior Girder	4.5	0.95	1	1	1.807191
SU6_str	BOBJ1	117.21	After	Right Exterior Girder	4.5	0.95	1	1	1.807191
SU6_str	BOBJ1	119.1	Before	Left Exterior Girder	6.39	0.95	1	1	2.232653
SU6_str	BOBJ1	119.1	Before	Interior Girder 1	6.39	0.95	1	1	3.065699
SU6_str	BOBJ1	119.1	Before	Interior Girder 2	6.39	0.95	1	1	3.026959
SU6_str	BOBJ1	119.1	Before	Interior Girder 3	6.39	0.95	1	1	2.930811
SU6_str	BOBJ1	119.1	Before	Interior Girder 4	6.39	0.95	1	1	2.930811
SU6_str	BOBJ1	119.1	Before	Interior Girder 5	6.39	0.95	1	1	3.026959
SU6_str	BOBJ1	119.1	Before	Interior Girder 6	6.39	0.95	1	1	3.065699
SU6_str	BOBJ1	119.1	Before	Right Exterior Girder	6.39	0.95	1	1	2.232653
SU6_str	BOBJ1	119.1	After	Left Exterior Girder	6.39	0.95	1	1	2.184364
SU6_str	BOBJ1	119.1	After	Interior Girder 1	6.39	0.95	1	1	3.123364
SU6_str	BOBJ1	119.1	After	Interior Girder 2	6.39	0.95	1	1	3.069951
SU6_str	BOBJ1	119.1	After	Interior Girder 3	6.39	0.95	1	1	2.947925
SU6_str	BOBJ1	119.1	After	Interior Girder 4	6.39	0.95	1	1	2.947925
SU6_str	BOBJ1	119.1	After	Interior Girder 5	6.39	0.95	1	1	3.069951
SU6_str	BOBJ1	119.1	After	Interior Girder 6	6.39	0.95	1	1	3.123364
SU6_str	BOBJ1	119.1	After	Right Exterior Girder	6.39	0.95	1	1	2.184364
SU6_str	BOBJ1	125.49	Before	Left Exterior Girder	12.78	0.95	1	1	3.593775
SU6_str	BOBJ1	125.49	Before	Interior Girder 1	12.78	0.95	1	1	3.60384
SU6_str	BOBJ1	125.49	Before	Interior Girder 2	12.78	0.95	1	1	3.281044
SU6_str	BOBJ1	125.49	Before	Interior Girder 3	12.78	0.95	1	1	3.162256
SU6_str	BOBJ1	125.49	Before	Interior Girder 4	12.78	0.95	1	1	3.162256
SU6_str	BOBJ1	125.49	Before	Interior Girder 5	12.78	0.95	1	1	3.281044
SU6_str	BOBJ1	125.49	Before	Interior Girder 6	12.78	0.95	1	1	3.60384
SU6_str	BOBJ1	125.49	Before	Right Exterior Girder	12.78	0.95	1	1	3.593775
SU6_str	BOBJ1	125.49	After	Left Exterior Girder	12.78	0.95	1	1	3.545495
SU6_str	BOBJ1	125.49	After	Interior Girder 1	12.78	0.95	1	1	3.615509
SU6_str	BOBJ1	125.49	After	Interior Girder 2	12.78	0.95	1	1	3.315069
SU6_str	BOBJ1	125.49	After	Interior Girder 3	12.78	0.95	1	1	3.261755
SU6_str	BOBJ1	125.49	After	Interior Girder 4	12.78	0.95	1	1	3.261755
SU6_str	BOBJ1	125.49	After	Interior Girder 5	12.78	0.95	1	1	3.315069
SU6_str	BOBJ1	125.49	After	Interior Girder 6	12.78	0.95	1	1	3.615509
SU6_str	BOBJ1	125.49	After	Right Exterior Girder	12.78	0.95	1	1	3.545495
SU6_str	BOBJ1	131.88	Before	Left Exterior Girder	19.17	0.95	1	1	2.814003
SU6_str	BOBJ1	131.88	Before	Interior Girder 1	19.17	0.95	1	1	2.589125
SU6_str	BOBJ1	131.88	Before	Interior Girder 2	19.17	0.95	1	1	2.364907
SU6_str	BOBJ1	131.88	Before	Interior Girder 3	19.17	0.95	1	1	2.297587
SU6_str	BOBJ1	131.88	Before	Interior Girder 4	19.17	0.95	1	1	2.297587
SU6_str	BOBJ1	131.88	Before	Interior Girder 5	19.17	0.95	1	1	2.364907
SU6_str	BOBJ1	131.88	Before	Interior Girder 6	19.17	0.95	1	1	2.589125
SU6_str	BOBJ1	131.88	Before	Right Exterior Girder	19.17	0.95	1	1	2.814003
SU6_str	BOBJ1	131.88	After	Left Exterior Girder	19.17	0.95	1	1	2.842135
SU6_str	BOBJ1	131.88	After	Interior Girder 1	19.17	0.95	1	1	2.570766
SU6_str	BOBJ1	131.88	After	Interior Girder 2	19.17	0.95	1	1	2.36465
SU6_str	BOBJ1	131.88	After	Interior Girder 3	19.17	0.95	1	1	2.316754
SU6_str	BOBJ1	131.88	After	Interior Girder 4	19.17	0.95	1	1	2.316754
SU6_str	BOBJ1	131.88	After	Interior Girder 5	19.17	0.95	1	1	2.36465
SU6_str	BOBJ1	131.88	After	Interior Girder 6	19.17	0.95	1	1	2.570766

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelINonCompStrgth-Flx - Approach, Span 16-19									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
SU6_str	BOBJ1	131.88	After	Right Exterior Girder	19.17	0.95	1	1	2.842135
SU6_str	BOBJ1	138.27	Before	Left Exterior Girder	25.56	0.95	1	1	2.479053
SU6_str	BOBJ1	138.27	Before	Interior Girder 1	25.56	0.95	1	1	1.990016
SU6_str	BOBJ1	138.27	Before	Interior Girder 2	25.56	0.95	1	1	1.880978
SU6_str	BOBJ1	138.27	Before	Interior Girder 3	25.56	0.95	1	1	1.799039
SU6_str	BOBJ1	138.27	Before	Interior Girder 4	25.56	0.95	1	1	1.799039
SU6_str	BOBJ1	138.27	Before	Interior Girder 5	25.56	0.95	1	1	1.880978
SU6_str	BOBJ1	138.27	Before	Interior Girder 6	25.56	0.95	1	1	1.990016
SU6_str	BOBJ1	138.27	Before	Right Exterior Girder	25.56	0.95	1	1	2.479053
SU6_str	BOBJ1	138.27	After	Left Exterior Girder	25.56	0.95	1	1	2.511473
SU6_str	BOBJ1	138.27	After	Interior Girder 1	25.56	0.95	1	1	1.973745
SU6_str	BOBJ1	138.27	After	Interior Girder 2	25.56	0.95	1	1	1.869143
SU6_str	BOBJ1	138.27	After	Interior Girder 3	25.56	0.95	1	1	1.797292
SU6_str	BOBJ1	138.27	After	Interior Girder 4	25.56	0.95	1	1	1.797292
SU6_str	BOBJ1	138.27	After	Interior Girder 5	25.56	0.95	1	1	1.869143
SU6_str	BOBJ1	138.27	After	Interior Girder 6	25.56	0.95	1	1	1.973745
SU6_str	BOBJ1	138.27	After	Right Exterior Girder	25.56	0.95	1	1	2.511473
SU6_str	BOBJ1	144.66	Before	Left Exterior Girder	31.95	0.95	1	1	2.568857
SU6_str	BOBJ1	144.66	Before	Interior Girder 1	31.95	0.95	1	1	1.992341
SU6_str	BOBJ1	144.66	Before	Interior Girder 2	31.95	0.95	1	1	1.88579
SU6_str	BOBJ1	144.66	Before	Interior Girder 3	31.95	0.95	1	1	1.812753
SU6_str	BOBJ1	144.66	Before	Interior Girder 4	31.95	0.95	1	1	1.812753
SU6_str	BOBJ1	144.66	Before	Interior Girder 5	31.95	0.95	1	1	1.88579
SU6_str	BOBJ1	144.66	Before	Interior Girder 6	31.95	0.95	1	1	1.992341
SU6_str	BOBJ1	144.66	Before	Right Exterior Girder	31.95	0.95	1	1	2.568857
SU6_str	BOBJ1	144.66	After	Left Exterior Girder	31.95	0.95	1	1	2.531268
SU6_str	BOBJ1	144.66	After	Interior Girder 1	31.95	0.95	1	1	2.012766
SU6_str	BOBJ1	144.66	After	Interior Girder 2	31.95	0.95	1	1	1.897128
SU6_str	BOBJ1	144.66	After	Interior Girder 3	31.95	0.95	1	1	1.812287
SU6_str	BOBJ1	144.66	After	Interior Girder 4	31.95	0.95	1	1	1.812287
SU6_str	BOBJ1	144.66	After	Interior Girder 5	31.95	0.95	1	1	1.897128
SU6_str	BOBJ1	144.66	After	Interior Girder 6	31.95	0.95	1	1	2.012766
SU6_str	BOBJ1	144.66	After	Right Exterior Girder	31.95	0.95	1	1	2.531268
SU6_str	BOBJ1	151.05	Before	Left Exterior Girder	38.34	0.95	1	1	3.03612
SU6_str	BOBJ1	151.05	Before	Interior Girder 1	38.34	0.95	1	1	2.654134
SU6_str	BOBJ1	151.05	Before	Interior Girder 2	38.34	0.95	1	1	2.434418
SU6_str	BOBJ1	151.05	Before	Interior Girder 3	38.34	0.95	1	1	2.380698
SU6_str	BOBJ1	151.05	Before	Interior Girder 4	38.34	0.95	1	1	2.380698
SU6_str	BOBJ1	151.05	Before	Interior Girder 5	38.34	0.95	1	1	2.434418
SU6_str	BOBJ1	151.05	Before	Interior Girder 6	38.34	0.95	1	1	2.654134
SU6_str	BOBJ1	151.05	Before	Right Exterior Girder	38.34	0.95	1	1	3.03612
SU6_str	BOBJ1	151.05	After	Left Exterior Girder	38.34	0.95	1	1	2.99814
SU6_str	BOBJ1	151.05	After	Interior Girder 1	38.34	0.95	1	1	2.679695
SU6_str	BOBJ1	151.05	After	Interior Girder 2	38.34	0.95	1	1	2.434253
SU6_str	BOBJ1	151.05	After	Interior Girder 3	38.34	0.95	1	1	2.357761
SU6_str	BOBJ1	151.05	After	Interior Girder 4	38.34	0.95	1	1	2.357761
SU6_str	BOBJ1	151.05	After	Interior Girder 5	38.34	0.95	1	1	2.434253
SU6_str	BOBJ1	151.05	After	Interior Girder 6	38.34	0.95	1	1	2.679695
SU6_str	BOBJ1	151.05	After	Right Exterior Girder	38.34	0.95	1	1	2.99814
SU6_str	BOBJ1	157.4367	Before	Left Exterior Girder	44.7267	0.95	1	1	3.58481
SU6_str	BOBJ1	157.4367	Before	Interior Girder 1	44.7267	0.95	1	1	3.786348
SU6_str	BOBJ1	157.4367	Before	Interior Girder 2	44.7267	0.95	1	1	3.482113
SU6_str	BOBJ1	157.4367	Before	Interior Girder 3	44.7267	0.95	1	1	3.413512
SU6_str	BOBJ1	157.4367	Before	Interior Girder 4	44.7267	0.95	1	1	3.413512
SU6_str	BOBJ1	157.4367	Before	Interior Girder 5	44.7267	0.95	1	1	3.482113
SU6_str	BOBJ1	157.4367	Before	Interior Girder 6	44.7267	0.95	1	1	3.786348
SU6_str	BOBJ1	157.4367	Before	Right Exterior Girder	44.7267	0.95	1	1	3.58481
SU6_str	BOBJ1	157.4367	After	Left Exterior Girder	44.7267	0.95	1	1	3.624663
SU6_str	BOBJ1	157.4367	After	Interior Girder 1	44.7267	0.95	1	1	3.747874
SU6_str	BOBJ1	157.4367	After	Interior Girder 2	44.7267	0.95	1	1	3.470954
SU6_str	BOBJ1	157.4367	After	Interior Girder 3	44.7267	0.95	1	1	3.36071
SU6_str	BOBJ1	157.4367	After	Interior Girder 4	44.7267	0.95	1	1	3.36071
SU6_str	BOBJ1	157.4367	After	Interior Girder 5	44.7267	0.95	1	1	3.470954
SU6_str	BOBJ1	157.4367	After	Interior Girder 6	44.7267	0.95	1	1	3.747874
SU6_str	BOBJ1	157.4367	After	Right Exterior Girder	44.7267	0.95	1	1	3.624663

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelINonCompStrgth-Flx - Approach, Span 16-19									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
SU6_str	BOBJ1	158.71	Before	Left Exterior Girder	46	0.95	1	1	3.298394
SU6_str	BOBJ1	158.71	Before	Interior Girder 1	46	0.95	1	1	3.525538
SU6_str	BOBJ1	158.71	Before	Interior Girder 2	46	0.95	1	1	3.42876
SU6_str	BOBJ1	158.71	Before	Interior Girder 3	46	0.95	1	1	3.420728
SU6_str	BOBJ1	158.71	Before	Interior Girder 4	46	0.95	1	1	3.420728
SU6_str	BOBJ1	158.71	Before	Interior Girder 5	46	0.95	1	1	3.42876
SU6_str	BOBJ1	158.71	Before	Interior Girder 6	46	0.95	1	1	3.525538
SU6_str	BOBJ1	158.71	Before	Right Exterior Girder	46	0.95	1	1	3.298394
SU6_str	BOBJ1	158.71	After	Left Exterior Girder	46	0.95	1	1	4.564695
SU6_str	BOBJ1	158.71	After	Interior Girder 1	46	0.95	1	1	4.43713
SU6_str	BOBJ1	158.71	After	Interior Girder 2	46	0.95	1	1	4.30083
SU6_str	BOBJ1	158.71	After	Interior Girder 3	46	0.95	1	1	4.320168
SU6_str	BOBJ1	158.71	After	Interior Girder 4	46	0.95	1	1	4.320168
SU6_str	BOBJ1	158.71	After	Interior Girder 5	46	0.95	1	1	4.30083
SU6_str	BOBJ1	158.71	After	Interior Girder 6	46	0.95	1	1	4.43713
SU6_str	BOBJ1	158.71	After	Right Exterior Girder	46	0.95	1	1	4.564695
SU6_str	BOBJ1	163.8233	Before	Left Exterior Girder	51.1133	0.95	1	1	3.225391
SU6_str	BOBJ1	163.8233	Before	Interior Girder 1	51.1133	0.95	1	1	3.419526
SU6_str	BOBJ1	163.8233	Before	Interior Girder 2	51.1133	0.95	1	1	3.279699
SU6_str	BOBJ1	163.8233	Before	Interior Girder 3	51.1133	0.95	1	1	3.099155
SU6_str	BOBJ1	163.8233	Before	Interior Girder 4	51.1133	0.95	1	1	3.099155
SU6_str	BOBJ1	163.8233	Before	Interior Girder 5	51.1133	0.95	1	1	3.279699
SU6_str	BOBJ1	163.8233	Before	Interior Girder 6	51.1133	0.95	1	1	3.419526
SU6_str	BOBJ1	163.8233	Before	Right Exterior Girder	51.1133	0.95	1	1	3.225391
SU6_str	BOBJ1	163.8233	After	Left Exterior Girder	51.1133	0.95	1	1	3.286644
SU6_str	BOBJ1	163.8233	After	Interior Girder 1	51.1133	0.95	1	1	3.337082
SU6_str	BOBJ1	163.8233	After	Interior Girder 2	51.1133	0.95	1	1	3.218931
SU6_str	BOBJ1	163.8233	After	Interior Girder 3	51.1133	0.95	1	1	3.052211
SU6_str	BOBJ1	163.8233	After	Interior Girder 4	51.1133	0.95	1	1	3.052211
SU6_str	BOBJ1	163.8233	After	Interior Girder 5	51.1133	0.95	1	1	3.218931
SU6_str	BOBJ1	163.8233	After	Interior Girder 6	51.1133	0.95	1	1	3.337082
SU6_str	BOBJ1	163.8233	After	Right Exterior Girder	51.1133	0.95	1	1	3.286644
SU6_str	BOBJ1	164.71	Before	Left Exterior Girder	52	0.95	1	1	3.051398
SU6_str	BOBJ1	164.71	Before	Right Exterior Girder	52	0.95	1	1	3.051398
SU6_str	BOBJ1	164.71	After	Left Exterior Girder	52	0.95	1	1	4.807459
SU6_str	BOBJ1	164.71	After	Right Exterior Girder	52	0.95	1	1	4.807459
SU6_str	BOBJ1	170.21	Before	Left Exterior Girder	57.5	0.95	1	1	3.328488
SU6_str	BOBJ1	170.21	Before	Interior Girder 1	57.5	0.95	1	1	2.077103
SU6_str	BOBJ1	170.21	Before	Interior Girder 2	57.5	0.95	1	1	1.957876
SU6_str	BOBJ1	170.21	Before	Interior Girder 3	57.5	0.95	1	1	1.56937
SU6_str	BOBJ1	170.21	Before	Interior Girder 4	57.5	0.95	1	1	1.56937
SU6_str	BOBJ1	170.21	Before	Interior Girder 5	57.5	0.95	1	1	1.957876
SU6_str	BOBJ1	170.21	Before	Interior Girder 6	57.5	0.95	1	1	2.077103
SU6_str	BOBJ1	170.21	Before	Right Exterior Girder	57.5	0.95	1	1	3.328488
SU6_str	BOBJ1	170.21	After	Left Exterior Girder	0	0.95	1	1	3.394873
SU6_str	BOBJ1	170.21	After	Interior Girder 1	0	0.95	1	1	2.653501
SU6_str	BOBJ1	170.21	After	Interior Girder 2	0	0.95	1	1	2.503965
SU6_str	BOBJ1	170.21	After	Interior Girder 3	0	0.95	1	1	2.076874
SU6_str	BOBJ1	170.21	After	Interior Girder 4	0	0.95	1	1	2.076874
SU6_str	BOBJ1	170.21	After	Interior Girder 5	0	0.95	1	1	2.503965
SU6_str	BOBJ1	170.21	After	Interior Girder 6	0	0.95	1	1	2.653501
SU6_str	BOBJ1	170.21	After	Right Exterior Girder	0	0.95	1	1	3.394873
SU6_str	BOBJ1	176.21	Before	Left Exterior Girder	6	0.95	1	1	5.740029
SU6_str	BOBJ1	176.21	Before	Right Exterior Girder	6	0.95	1	1	5.740029
SU6_str	BOBJ1	176.21	After	Left Exterior Girder	6	0.95	1	1	3.747485
SU6_str	BOBJ1	176.21	After	Right Exterior Girder	6	0.95	1	1	3.747485
SU6_str	BOBJ1	176.6	Before	Left Exterior Girder	6.39	0.95	1	1	3.880169
SU6_str	BOBJ1	176.6	Before	Interior Girder 1	6.39	0.95	1	1	4.680202
SU6_str	BOBJ1	176.6	Before	Interior Girder 2	6.39	0.95	1	1	4.40072
SU6_str	BOBJ1	176.6	Before	Interior Girder 3	6.39	0.95	1	1	4.176374
SU6_str	BOBJ1	176.6	Before	Interior Girder 4	6.39	0.95	1	1	4.176374
SU6_str	BOBJ1	176.6	Before	Interior Girder 5	6.39	0.95	1	1	4.40072
SU6_str	BOBJ1	176.6	Before	Interior Girder 6	6.39	0.95	1	1	4.680202
SU6_str	BOBJ1	176.6	Before	Right Exterior Girder	6.39	0.95	1	1	3.880169
SU6_str	BOBJ1	176.6	After	Left Exterior Girder	6.39	0.95	1	1	3.781318

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelINonCompStrgth-Flx - Approach, Span 16-19									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
SU6_str	BOBJ1	176.6	After	Interior Girder 1	6.39	0.95	1	1	4.797826
SU6_str	BOBJ1	176.6	After	Interior Girder 2	6.39	0.95	1	1	4.495107
SU6_str	BOBJ1	176.6	After	Interior Girder 3	6.39	0.95	1	1	4.257648
SU6_str	BOBJ1	176.6	After	Interior Girder 4	6.39	0.95	1	1	4.257648
SU6_str	BOBJ1	176.6	After	Interior Girder 5	6.39	0.95	1	1	4.495107
SU6_str	BOBJ1	176.6	After	Interior Girder 6	6.39	0.95	1	1	4.797826
SU6_str	BOBJ1	176.6	After	Right Exterior Girder	6.39	0.95	1	1	3.781318
SU6_str	BOBJ1	182.99	Before	Left Exterior Girder	12.78	0.95	1	1	5.729261
SU6_str	BOBJ1	182.99	Before	Interior Girder 1	12.78	0.95	1	1	4.005859
SU6_str	BOBJ1	182.99	Before	Interior Girder 2	12.78	0.95	1	1	3.634911
SU6_str	BOBJ1	182.99	Before	Interior Girder 3	12.78	0.95	1	1	3.527604
SU6_str	BOBJ1	182.99	Before	Interior Girder 4	12.78	0.95	1	1	3.527604
SU6_str	BOBJ1	182.99	Before	Interior Girder 5	12.78	0.95	1	1	3.634911
SU6_str	BOBJ1	182.99	Before	Interior Girder 6	12.78	0.95	1	1	4.005859
SU6_str	BOBJ1	182.99	Before	Right Exterior Girder	12.78	0.95	1	1	5.729261
SU6_str	BOBJ1	182.99	After	Left Exterior Girder	12.78	0.95	1	1	5.661978
SU6_str	BOBJ1	182.99	After	Interior Girder 1	12.78	0.95	1	1	4.009268
SU6_str	BOBJ1	182.99	After	Interior Girder 2	12.78	0.95	1	1	3.672916
SU6_str	BOBJ1	182.99	After	Interior Girder 3	12.78	0.95	1	1	3.661035
SU6_str	BOBJ1	182.99	After	Interior Girder 4	12.78	0.95	1	1	3.661035
SU6_str	BOBJ1	182.99	After	Interior Girder 5	12.78	0.95	1	1	3.672916
SU6_str	BOBJ1	182.99	After	Interior Girder 6	12.78	0.95	1	1	4.009268
SU6_str	BOBJ1	182.99	After	Right Exterior Girder	12.78	0.95	1	1	5.661978
SU6_str	BOBJ1	189.38	Before	Left Exterior Girder	19.17	0.95	1	1	3.000704
SU6_str	BOBJ1	189.38	Before	Interior Girder 1	19.17	0.95	1	1	2.587809
SU6_str	BOBJ1	189.38	Before	Interior Girder 2	19.17	0.95	1	1	2.373367
SU6_str	BOBJ1	189.38	Before	Interior Girder 3	19.17	0.95	1	1	2.325782
SU6_str	BOBJ1	189.38	Before	Interior Girder 4	19.17	0.95	1	1	2.325782
SU6_str	BOBJ1	189.38	Before	Interior Girder 5	19.17	0.95	1	1	2.373367
SU6_str	BOBJ1	189.38	Before	Interior Girder 6	19.17	0.95	1	1	2.587809
SU6_str	BOBJ1	189.38	Before	Right Exterior Girder	19.17	0.95	1	1	3.000704
SU6_str	BOBJ1	189.38	After	Left Exterior Girder	19.17	0.95	1	1	3.049026
SU6_str	BOBJ1	189.38	After	Interior Girder 1	19.17	0.95	1	1	2.556507
SU6_str	BOBJ1	189.38	After	Interior Girder 2	19.17	0.95	1	1	2.369048
SU6_str	BOBJ1	189.38	After	Interior Girder 3	19.17	0.95	1	1	2.348772
SU6_str	BOBJ1	189.38	After	Interior Girder 4	19.17	0.95	1	1	2.348772
SU6_str	BOBJ1	189.38	After	Interior Girder 5	19.17	0.95	1	1	2.369048
SU6_str	BOBJ1	189.38	After	Interior Girder 6	19.17	0.95	1	1	2.556507
SU6_str	BOBJ1	189.38	After	Right Exterior Girder	19.17	0.95	1	1	3.049026
SU6_str	BOBJ1	195.77	Before	Left Exterior Girder	25.56	0.95	1	1	2.271912
SU6_str	BOBJ1	195.77	Before	Interior Girder 1	25.56	0.95	1	1	1.768811
SU6_str	BOBJ1	195.77	Before	Interior Girder 2	25.56	0.95	1	1	1.696186
SU6_str	BOBJ1	195.77	Before	Interior Girder 3	25.56	0.95	1	1	1.651042
SU6_str	BOBJ1	195.77	Before	Interior Girder 4	25.56	0.95	1	1	1.651042
SU6_str	BOBJ1	195.77	Before	Interior Girder 5	25.56	0.95	1	1	1.696186
SU6_str	BOBJ1	195.77	Before	Interior Girder 6	25.56	0.95	1	1	1.768811
SU6_str	BOBJ1	195.77	Before	Right Exterior Girder	25.56	0.95	1	1	2.271912
SU6_str	BOBJ1	195.77	After	Left Exterior Girder	25.56	0.95	1	1	2.309211
SU6_str	BOBJ1	195.77	After	Interior Girder 1	25.56	0.95	1	1	1.745109
SU6_str	BOBJ1	195.77	After	Interior Girder 2	25.56	0.95	1	1	1.685781
SU6_str	BOBJ1	195.77	After	Interior Girder 3	25.56	0.95	1	1	1.652564
SU6_str	BOBJ1	195.77	After	Interior Girder 4	25.56	0.95	1	1	1.652564
SU6_str	BOBJ1	195.77	After	Interior Girder 5	25.56	0.95	1	1	1.685781
SU6_str	BOBJ1	195.77	After	Interior Girder 6	25.56	0.95	1	1	1.745109
SU6_str	BOBJ1	195.77	After	Right Exterior Girder	25.56	0.95	1	1	2.309211
SU6_str	BOBJ1	202.16	Before	Left Exterior Girder	31.95	0.95	1	1	1.982035
SU6_str	BOBJ1	202.16	Before	Interior Girder 1	31.95	0.95	1	1	1.543319
SU6_str	BOBJ1	202.16	Before	Interior Girder 2	31.95	0.95	1	1	1.502441
SU6_str	BOBJ1	202.16	Before	Interior Girder 3	31.95	0.95	1	1	1.471506
SU6_str	BOBJ1	202.16	Before	Interior Girder 4	31.95	0.95	1	1	1.471506
SU6_str	BOBJ1	202.16	Before	Interior Girder 5	31.95	0.95	1	1	1.502441
SU6_str	BOBJ1	202.16	Before	Interior Girder 6	31.95	0.95	1	1	1.543319
SU6_str	BOBJ1	202.16	Before	Right Exterior Girder	31.95	0.95	1	1	1.982035
SU6_str	BOBJ1	202.16	After	Left Exterior Girder	31.95	0.95	1	1	1.966326
SU6_str	BOBJ1	202.16	After	Interior Girder 1	31.95	0.95	1	1	1.550389

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelINonCompStrgth-Flx - Approach, Span 16-19									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
SU6_str	BOBJ1	202.16	After	Interior Girder 2	31.95	0.95	1	1	1.512153
SU6_str	BOBJ1	202.16	After	Interior Girder 3	31.95	0.95	1	1	1.47881
SU6_str	BOBJ1	202.16	After	Interior Girder 4	31.95	0.95	1	1	1.47881
SU6_str	BOBJ1	202.16	After	Interior Girder 5	31.95	0.95	1	1	1.512153
SU6_str	BOBJ1	202.16	After	Interior Girder 6	31.95	0.95	1	1	1.550389
SU6_str	BOBJ1	202.16	After	Right Exterior Girder	31.95	0.95	1	1	1.966326
SU6_str	BOBJ1	208.55	Before	Left Exterior Girder	38.34	0.95	1	1	1.938923
SU6_str	BOBJ1	208.55	Before	Interior Girder 1	38.34	0.95	1	1	1.688502
SU6_str	BOBJ1	208.55	Before	Interior Girder 2	38.34	0.95	1	1	1.630736
SU6_str	BOBJ1	208.55	Before	Interior Girder 3	38.34	0.95	1	1	1.621385
SU6_str	BOBJ1	208.55	Before	Interior Girder 4	38.34	0.95	1	1	1.621385
SU6_str	BOBJ1	208.55	Before	Interior Girder 5	38.34	0.95	1	1	1.630736
SU6_str	BOBJ1	208.55	Before	Interior Girder 6	38.34	0.95	1	1	1.688502
SU6_str	BOBJ1	208.55	Before	Right Exterior Girder	38.34	0.95	1	1	1.938923
SU6_str	BOBJ1	208.55	After	Left Exterior Girder	38.34	0.95	1	1	1.91847
SU6_str	BOBJ1	208.55	After	Interior Girder 1	38.34	0.95	1	1	1.70055
SU6_str	BOBJ1	208.55	After	Interior Girder 2	38.34	0.95	1	1	1.630499
SU6_str	BOBJ1	208.55	After	Interior Girder 3	38.34	0.95	1	1	1.616357
SU6_str	BOBJ1	208.55	After	Interior Girder 4	38.34	0.95	1	1	1.616357
SU6_str	BOBJ1	208.55	After	Interior Girder 5	38.34	0.95	1	1	1.630499
SU6_str	BOBJ1	208.55	After	Interior Girder 6	38.34	0.95	1	1	1.70055
SU6_str	BOBJ1	208.55	After	Right Exterior Girder	38.34	0.95	1	1	1.91847
SU6_str	BOBJ1	215.1233	Before	Left Exterior Girder	44.9133	0.95	1	1	2.6777
SU6_str	BOBJ1	215.1233	Before	Interior Girder 1	44.9133	0.95	1	1	1.993316
SU6_str	BOBJ1	215.1233	Before	Interior Girder 2	44.9133	0.95	1	1	1.920838
SU6_str	BOBJ1	215.1233	Before	Interior Girder 3	44.9133	0.95	1	1	1.853003
SU6_str	BOBJ1	215.1233	Before	Interior Girder 4	44.9133	0.95	1	1	1.853003
SU6_str	BOBJ1	215.1233	Before	Interior Girder 5	44.9133	0.95	1	1	1.920838
SU6_str	BOBJ1	215.1233	Before	Interior Girder 6	44.9133	0.95	1	1	1.993316
SU6_str	BOBJ1	215.1233	Before	Right Exterior Girder	44.9133	0.95	1	1	2.6777
SU6_str	BOBJ1	215.1233	After	Left Exterior Girder	44.9133	0.95	1	1	2.662363
SU6_str	BOBJ1	215.1233	After	Interior Girder 1	44.9133	0.95	1	1	1.998523
SU6_str	BOBJ1	215.1233	After	Interior Girder 2	44.9133	0.95	1	1	1.893418
SU6_str	BOBJ1	215.1233	After	Interior Girder 3	44.9133	0.95	1	1	1.815134
SU6_str	BOBJ1	215.1233	After	Interior Girder 4	44.9133	0.95	1	1	1.815134
SU6_str	BOBJ1	215.1233	After	Interior Girder 5	44.9133	0.95	1	1	1.893418
SU6_str	BOBJ1	215.1233	After	Interior Girder 6	44.9133	0.95	1	1	1.998523
SU6_str	BOBJ1	215.1233	After	Right Exterior Girder	44.9133	0.95	1	1	2.662363
SU6_str	BOBJ1	221.6967	Before	Left Exterior Girder	51.4867	0.95	1	1	5.579099
SU6_str	BOBJ1	221.6967	Before	Interior Girder 1	51.4867	0.95	1	1	3.423176
SU6_str	BOBJ1	221.6967	Before	Interior Girder 2	51.4867	0.95	1	1	3.244852
SU6_str	BOBJ1	221.6967	Before	Interior Girder 3	51.4867	0.95	1	1	2.957475
SU6_str	BOBJ1	221.6967	Before	Interior Girder 4	51.4867	0.95	1	1	2.957475
SU6_str	BOBJ1	221.6967	Before	Interior Girder 5	51.4867	0.95	1	1	3.244852
SU6_str	BOBJ1	221.6967	Before	Interior Girder 6	51.4867	0.95	1	1	3.423176
SU6_str	BOBJ1	221.6967	Before	Right Exterior Girder	51.4867	0.95	1	1	5.579099
SU6_str	BOBJ1	221.6967	After	Left Exterior Girder	51.4867	0.95	1	1	5.530956
SU6_str	BOBJ1	221.6967	After	Interior Girder 1	51.4867	0.95	1	1	3.437678
SU6_str	BOBJ1	221.6967	After	Interior Girder 2	51.4867	0.95	1	1	3.200237
SU6_str	BOBJ1	221.6967	After	Interior Girder 3	51.4867	0.95	1	1	2.846215
SU6_str	BOBJ1	221.6967	After	Interior Girder 4	51.4867	0.95	1	1	2.846215
SU6_str	BOBJ1	221.6967	After	Interior Girder 5	51.4867	0.95	1	1	3.200237
SU6_str	BOBJ1	221.6967	After	Interior Girder 6	51.4867	0.95	1	1	3.437678
SU6_str	BOBJ1	221.6967	After	Right Exterior Girder	51.4867	0.95	1	1	5.530956
SU6_str	BOBJ1	228.27	Before	Left Exterior Girder	58.06	0.95	1	1	399.437056
SU6_str	BOBJ1	228.27	Before	Interior Girder 1	58.06	0.95	1	1	298.996235
SU6_str	BOBJ1	228.27	Before	Interior Girder 2	58.06	0.95	1	1	199.12973
SU6_str	BOBJ1	228.27	Before	Interior Girder 3	58.06	0.95	1	1	146.365753
SU6_str	BOBJ1	228.27	Before	Interior Girder 4	58.06	0.95	1	1	146.365752
SU6_str	BOBJ1	228.27	Before	Interior Girder 5	58.06	0.95	1	1	199.12973
SU6_str	BOBJ1	228.27	Before	Interior Girder 6	58.06	0.95	1	1	298.996235
SU6_str	BOBJ1	228.27	Before	Right Exterior Girder	58.06	0.95	1	1	399.437057
SU7_str	BOBJ1	0	After	Left Exterior Girder	0	0.95	1	1	386.380327
SU7_str	BOBJ1	0	After	Interior Girder 1	0	0.95	1	1	370.281043
SU7_str	BOBJ1	0	After	Interior Girder 2	0	0.95	1	1	218.018287

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelINonCompStrgth-Flx - Approach, Span 16-19									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
SU7_str	BOBJ1	0	After	Interior Girder 3	0	0.95	1	1	172.433487
SU7_str	BOBJ1	0	After	Interior Girder 4	0	0.95	1	1	172.433488
SU7_str	BOBJ1	0	After	Interior Girder 5	0	0.95	1	1	218.018289
SU7_str	BOBJ1	0	After	Interior Girder 6	0	0.95	1	1	370.281043
SU7_str	BOBJ1	0	After	Right Exterior Girder	0	0.95	1	1	386.380327
SU7_str	BOBJ1	5.3833	Before	Left Exterior Girder	5.3833	0.95	1	1	5.774675
SU7_str	BOBJ1	5.3833	Before	Interior Girder 1	5.3833	0.95	1	1	3.723829
SU7_str	BOBJ1	5.3833	Before	Interior Girder 2	5.3833	0.95	1	1	3.462766
SU7_str	BOBJ1	5.3833	Before	Interior Girder 3	5.3833	0.95	1	1	3.070953
SU7_str	BOBJ1	5.3833	Before	Interior Girder 4	5.3833	0.95	1	1	3.070953
SU7_str	BOBJ1	5.3833	Before	Interior Girder 5	5.3833	0.95	1	1	3.462766
SU7_str	BOBJ1	5.3833	Before	Interior Girder 6	5.3833	0.95	1	1	3.723829
SU7_str	BOBJ1	5.3833	Before	Right Exterior Girder	5.3833	0.95	1	1	5.774675
SU7_str	BOBJ1	5.3833	After	Left Exterior Girder	5.3833	0.95	1	1	5.847398
SU7_str	BOBJ1	5.3833	After	Interior Girder 1	5.3833	0.95	1	1	3.737161
SU7_str	BOBJ1	5.3833	After	Interior Girder 2	5.3833	0.95	1	1	3.51667
SU7_str	BOBJ1	5.3833	After	Interior Girder 3	5.3833	0.95	1	1	3.177559
SU7_str	BOBJ1	5.3833	After	Interior Girder 4	5.3833	0.95	1	1	3.177559
SU7_str	BOBJ1	5.3833	After	Interior Girder 5	5.3833	0.95	1	1	3.51667
SU7_str	BOBJ1	5.3833	After	Interior Girder 6	5.3833	0.95	1	1	3.737161
SU7_str	BOBJ1	5.3833	After	Right Exterior Girder	5.3833	0.95	1	1	5.847398
SU7_str	BOBJ1	10.7667	Before	Left Exterior Girder	10.7667	0.95	1	1	2.971051
SU7_str	BOBJ1	10.7667	Before	Interior Girder 1	10.7667	0.95	1	1	2.204419
SU7_str	BOBJ1	10.7667	Before	Interior Girder 2	10.7667	0.95	1	1	2.049547
SU7_str	BOBJ1	10.7667	Before	Interior Girder 3	10.7667	0.95	1	1	1.925492
SU7_str	BOBJ1	10.7667	Before	Interior Girder 4	10.7667	0.95	1	1	1.925492
SU7_str	BOBJ1	10.7667	Before	Interior Girder 5	10.7667	0.95	1	1	2.049547
SU7_str	BOBJ1	10.7667	Before	Interior Girder 6	10.7667	0.95	1	1	2.204419
SU7_str	BOBJ1	10.7667	Before	Right Exterior Girder	10.7667	0.95	1	1	2.971051
SU7_str	BOBJ1	10.7667	After	Left Exterior Girder	10.7667	0.95	1	1	2.952356
SU7_str	BOBJ1	10.7667	After	Interior Girder 1	10.7667	0.95	1	1	2.210155
SU7_str	BOBJ1	10.7667	After	Interior Girder 2	10.7667	0.95	1	1	2.07938
SU7_str	BOBJ1	10.7667	After	Interior Girder 3	10.7667	0.95	1	1	1.9611
SU7_str	BOBJ1	10.7667	After	Interior Girder 4	10.7667	0.95	1	1	1.9611
SU7_str	BOBJ1	10.7667	After	Interior Girder 5	10.7667	0.95	1	1	2.07938
SU7_str	BOBJ1	10.7667	After	Interior Girder 6	10.7667	0.95	1	1	2.210155
SU7_str	BOBJ1	10.7667	After	Right Exterior Girder	10.7667	0.95	1	1	2.952356
SU7_str	BOBJ1	16.15	Before	Left Exterior Girder	16.15	0.95	1	1	2.197471
SU7_str	BOBJ1	16.15	Before	Interior Girder 1	16.15	0.95	1	1	1.935618
SU7_str	BOBJ1	16.15	Before	Interior Girder 2	16.15	0.95	1	1	1.802932
SU7_str	BOBJ1	16.15	Before	Interior Girder 3	16.15	0.95	1	1	1.750139
SU7_str	BOBJ1	16.15	Before	Interior Girder 4	16.15	0.95	1	1	1.750139
SU7_str	BOBJ1	16.15	Before	Interior Girder 5	16.15	0.95	1	1	1.802932
SU7_str	BOBJ1	16.15	Before	Interior Girder 6	16.15	0.95	1	1	1.935618
SU7_str	BOBJ1	16.15	Before	Right Exterior Girder	16.15	0.95	1	1	2.197471
SU7_str	BOBJ1	16.15	After	Left Exterior Girder	16.15	0.95	1	1	2.204653
SU7_str	BOBJ1	16.15	After	Interior Girder 1	16.15	0.95	1	1	1.929591
SU7_str	BOBJ1	16.15	After	Interior Girder 2	16.15	0.95	1	1	1.807466
SU7_str	BOBJ1	16.15	After	Interior Girder 3	16.15	0.95	1	1	1.757317
SU7_str	BOBJ1	16.15	After	Interior Girder 4	16.15	0.95	1	1	1.757317
SU7_str	BOBJ1	16.15	After	Interior Girder 5	16.15	0.95	1	1	1.807466
SU7_str	BOBJ1	16.15	After	Interior Girder 6	16.15	0.95	1	1	1.929591
SU7_str	BOBJ1	16.15	After	Right Exterior Girder	16.15	0.95	1	1	2.204653
SU7_str	BOBJ1	22.1267	Before	Left Exterior Girder	22.1267	0.95	1	1	2.401793
SU7_str	BOBJ1	22.1267	Before	Interior Girder 1	22.1267	0.95	1	1	1.850957
SU7_str	BOBJ1	22.1267	Before	Interior Girder 2	22.1267	0.95	1	1	1.749386
SU7_str	BOBJ1	22.1267	Before	Interior Girder 3	22.1267	0.95	1	1	1.678735
SU7_str	BOBJ1	22.1267	Before	Interior Girder 4	22.1267	0.95	1	1	1.678735
SU7_str	BOBJ1	22.1267	Before	Interior Girder 5	22.1267	0.95	1	1	1.749386
SU7_str	BOBJ1	22.1267	Before	Interior Girder 6	22.1267	0.95	1	1	1.850957
SU7_str	BOBJ1	22.1267	Before	Right Exterior Girder	22.1267	0.95	1	1	2.401793
SU7_str	BOBJ1	22.1267	After	Left Exterior Girder	22.1267	0.95	1	1	2.418307
SU7_str	BOBJ1	22.1267	After	Interior Girder 1	22.1267	0.95	1	1	1.843999
SU7_str	BOBJ1	22.1267	After	Interior Girder 2	22.1267	0.95	1	1	1.741182
SU7_str	BOBJ1	22.1267	After	Interior Girder 3	22.1267	0.95	1	1	1.672085

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelINonCompStrgth-Flx - Approach, Span 16-19									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
SU7_str	BOBJ1	22.1267	After	Interior Girder 4	22.1267	0.95	1	1	1.672085
SU7_str	BOBJ1	22.1267	After	Interior Girder 5	22.1267	0.95	1	1	1.741182
SU7_str	BOBJ1	22.1267	After	Interior Girder 6	22.1267	0.95	1	1	1.843999
SU7_str	BOBJ1	22.1267	After	Right Exterior Girder	22.1267	0.95	1	1	2.418307
SU7_str	BOBJ1	28.1033	Before	Left Exterior Girder	28.1033	0.95	1	1	3.114824
SU7_str	BOBJ1	28.1033	Before	Interior Girder 1	28.1033	0.95	1	1	2.249086
SU7_str	BOBJ1	28.1033	Before	Interior Girder 2	28.1033	0.95	1	1	2.116307
SU7_str	BOBJ1	28.1033	Before	Interior Girder 3	28.1033	0.95	1	1	2.039177
SU7_str	BOBJ1	28.1033	Before	Interior Girder 4	28.1033	0.95	1	1	2.039177
SU7_str	BOBJ1	28.1033	Before	Interior Girder 5	28.1033	0.95	1	1	2.116307
SU7_str	BOBJ1	28.1033	Before	Interior Girder 6	28.1033	0.95	1	1	2.249086
SU7_str	BOBJ1	28.1033	Before	Right Exterior Girder	28.1033	0.95	1	1	3.114824
SU7_str	BOBJ1	28.1033	After	Left Exterior Girder	28.1033	0.95	1	1	3.077762
SU7_str	BOBJ1	28.1033	After	Interior Girder 1	28.1033	0.95	1	1	2.270882
SU7_str	BOBJ1	28.1033	After	Interior Girder 2	28.1033	0.95	1	1	2.118293
SU7_str	BOBJ1	28.1033	After	Interior Girder 3	28.1033	0.95	1	1	2.022328
SU7_str	BOBJ1	28.1033	After	Interior Girder 4	28.1033	0.95	1	1	2.022328
SU7_str	BOBJ1	28.1033	After	Interior Girder 5	28.1033	0.95	1	1	2.118293
SU7_str	BOBJ1	28.1033	After	Interior Girder 6	28.1033	0.95	1	1	2.270882
SU7_str	BOBJ1	28.1033	After	Right Exterior Girder	28.1033	0.95	1	1	3.077762
SU7_str	BOBJ1	34.08	Before	Left Exterior Girder	34.08	0.95	1	1	3.500551
SU7_str	BOBJ1	34.08	Before	Interior Girder 1	34.08	0.95	1	1	3.563207
SU7_str	BOBJ1	34.08	Before	Interior Girder 2	34.08	0.95	1	1	3.534367
SU7_str	BOBJ1	34.08	Before	Interior Girder 3	34.08	0.95	1	1	3.48612
SU7_str	BOBJ1	34.08	Before	Interior Girder 4	34.08	0.95	1	1	3.48612
SU7_str	BOBJ1	34.08	Before	Interior Girder 5	34.08	0.95	1	1	3.534367
SU7_str	BOBJ1	34.08	Before	Interior Girder 6	34.08	0.95	1	1	3.563207
SU7_str	BOBJ1	34.08	Before	Right Exterior Girder	34.08	0.95	1	1	3.500551
SU7_str	BOBJ1	34.08	After	Left Exterior Girder	34.08	0.95	1	1	3.322825
SU7_str	BOBJ1	34.08	After	Interior Girder 1	34.08	0.95	1	1	3.525177
SU7_str	BOBJ1	34.08	After	Interior Girder 2	34.08	0.95	1	1	3.525285
SU7_str	BOBJ1	34.08	After	Interior Girder 3	34.08	0.95	1	1	3.420524
SU7_str	BOBJ1	34.08	After	Interior Girder 4	34.08	0.95	1	1	3.420524
SU7_str	BOBJ1	34.08	After	Interior Girder 5	34.08	0.95	1	1	3.525285
SU7_str	BOBJ1	34.08	After	Interior Girder 6	34.08	0.95	1	1	3.525177
SU7_str	BOBJ1	34.08	After	Right Exterior Girder	34.08	0.95	1	1	3.322825
SU7_str	BOBJ1	39.855	Before	Left Exterior Girder	39.855	0.95	1	1	2.0905
SU7_str	BOBJ1	39.855	Before	Interior Girder 1	39.855	0.95	1	1	2.616
SU7_str	BOBJ1	39.855	Before	Interior Girder 2	39.855	0.95	1	1	2.598352
SU7_str	BOBJ1	39.855	Before	Interior Girder 3	39.855	0.95	1	1	2.479404
SU7_str	BOBJ1	39.855	Before	Interior Girder 4	39.855	0.95	1	1	2.479404
SU7_str	BOBJ1	39.855	Before	Interior Girder 5	39.855	0.95	1	1	2.598352
SU7_str	BOBJ1	39.855	Before	Interior Girder 6	39.855	0.95	1	1	2.616
SU7_str	BOBJ1	39.855	Before	Right Exterior Girder	39.855	0.95	1	1	2.0905
SU7_str	BOBJ1	39.855	After	Left Exterior Girder	39.855	0.95	1	1	2.133078
SU7_str	BOBJ1	39.855	After	Interior Girder 1	39.855	0.95	1	1	2.575892
SU7_str	BOBJ1	39.855	After	Interior Girder 2	39.855	0.95	1	1	2.564629
SU7_str	BOBJ1	39.855	After	Interior Girder 3	39.855	0.95	1	1	2.466619
SU7_str	BOBJ1	39.855	After	Interior Girder 4	39.855	0.95	1	1	2.466619
SU7_str	BOBJ1	39.855	After	Interior Girder 5	39.855	0.95	1	1	2.564629
SU7_str	BOBJ1	39.855	After	Interior Girder 6	39.855	0.95	1	1	2.575892
SU7_str	BOBJ1	39.855	After	Right Exterior Girder	39.855	0.95	1	1	2.133078
SU7_str	BOBJ1	40.0288	Before	Left Exterior Girder	40.0288	0.95	1	1	2.085649
SU7_str	BOBJ1	40.0288	Before	Right Exterior Girder	40.0288	0.95	1	1	2.085649
SU7_str	BOBJ1	40.0288	After	Left Exterior Girder	40.0288	0.95	1	1	3.08489
SU7_str	BOBJ1	40.0288	After	Right Exterior Girder	40.0288	0.95	1	1	3.08489
SU7_str	BOBJ1	45.63	Before	Left Exterior Girder	45.63	0.95	1	1	1.915652
SU7_str	BOBJ1	45.63	Before	Interior Girder 1	45.63	0.95	1	1	1.790326
SU7_str	BOBJ1	45.63	Before	Interior Girder 2	45.63	0.95	1	1	1.792201
SU7_str	BOBJ1	45.63	Before	Interior Girder 3	45.63	0.95	1	1	1.52228
SU7_str	BOBJ1	45.63	Before	Interior Girder 4	45.63	0.95	1	1	1.52228
SU7_str	BOBJ1	45.63	Before	Interior Girder 5	45.63	0.95	1	1	1.792201
SU7_str	BOBJ1	45.63	Before	Interior Girder 6	45.63	0.95	1	1	1.790326
SU7_str	BOBJ1	45.63	Before	Right Exterior Girder	45.63	0.95	1	1	1.915652
SU7_str	BOBJ1	45.63	After	Left Exterior Girder	0	0.95	1	1	1.905352

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelINonCompStrgth-Flx - Approach, Span 16-19									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
SU7_str	BOBJ1	45.63	After	Interior Girder 1	0	0.95	1	1	1.618214
SU7_str	BOBJ1	45.63	After	Interior Girder 2	0	0.95	1	1	1.597556
SU7_str	BOBJ1	45.63	After	Interior Girder 3	0	0.95	1	1	1.312227
SU7_str	BOBJ1	45.63	After	Interior Girder 4	0	0.95	1	1	1.312227
SU7_str	BOBJ1	45.63	After	Interior Girder 5	0	0.95	1	1	1.597556
SU7_str	BOBJ1	45.63	After	Interior Girder 6	0	0.95	1	1	1.618214
SU7_str	BOBJ1	45.63	After	Right Exterior Girder	0	0.95	1	1	1.905352
SU7_str	BOBJ1	50.6298	Before	Left Exterior Girder	4.9998	0.95	1	1	5.340858
SU7_str	BOBJ1	50.6298	Before	Right Exterior Girder	4.9998	0.95	1	1	5.340858
SU7_str	BOBJ1	50.6298	After	Left Exterior Girder	4.9998	0.95	1	1	3.422004
SU7_str	BOBJ1	50.6298	After	Right Exterior Girder	4.9998	0.95	1	1	3.422004
SU7_str	BOBJ1	51.4	Before	Left Exterior Girder	5.77	0.95	1	1	4.118178
SU7_str	BOBJ1	51.4	Before	Interior Girder 1	5.77	0.95	1	1	4.452449
SU7_str	BOBJ1	51.4	Before	Interior Girder 2	5.77	0.95	1	1	4.149347
SU7_str	BOBJ1	51.4	Before	Interior Girder 3	5.77	0.95	1	1	3.828742
SU7_str	BOBJ1	51.4	Before	Interior Girder 4	5.77	0.95	1	1	3.828742
SU7_str	BOBJ1	51.4	Before	Interior Girder 5	5.77	0.95	1	1	4.149347
SU7_str	BOBJ1	51.4	Before	Interior Girder 6	5.77	0.95	1	1	4.452449
SU7_str	BOBJ1	51.4	Before	Right Exterior Girder	5.77	0.95	1	1	4.118178
SU7_str	BOBJ1	51.4	After	Left Exterior Girder	5.77	0.95	1	1	4.023156
SU7_str	BOBJ1	51.4	After	Interior Girder 1	5.77	0.95	1	1	4.539389
SU7_str	BOBJ1	51.4	After	Interior Girder 2	5.77	0.95	1	1	4.197264
SU7_str	BOBJ1	51.4	After	Interior Girder 3	5.77	0.95	1	1	3.864738
SU7_str	BOBJ1	51.4	After	Interior Girder 4	5.77	0.95	1	1	3.864738
SU7_str	BOBJ1	51.4	After	Interior Girder 5	5.77	0.95	1	1	4.197264
SU7_str	BOBJ1	51.4	After	Interior Girder 6	5.77	0.95	1	1	4.539389
SU7_str	BOBJ1	51.4	After	Right Exterior Girder	5.77	0.95	1	1	4.023156
SU7_str	BOBJ1	57.17	Before	Left Exterior Girder	11.54	0.95	1	1	6.027758
SU7_str	BOBJ1	57.17	Before	Interior Girder 1	11.54	0.95	1	1	4.65782
SU7_str	BOBJ1	57.17	Before	Interior Girder 2	11.54	0.95	1	1	4.00419
SU7_str	BOBJ1	57.17	Before	Interior Girder 3	11.54	0.95	1	1	3.867377
SU7_str	BOBJ1	57.17	Before	Interior Girder 4	11.54	0.95	1	1	3.867377
SU7_str	BOBJ1	57.17	Before	Interior Girder 5	11.54	0.95	1	1	4.00419
SU7_str	BOBJ1	57.17	Before	Interior Girder 6	11.54	0.95	1	1	4.65782
SU7_str	BOBJ1	57.17	Before	Right Exterior Girder	11.54	0.95	1	1	6.027758
SU7_str	BOBJ1	57.17	After	Left Exterior Girder	11.54	0.95	1	1	6.130649
SU7_str	BOBJ1	57.17	After	Interior Girder 1	11.54	0.95	1	1	4.607914
SU7_str	BOBJ1	57.17	After	Interior Girder 2	11.54	0.95	1	1	3.995396
SU7_str	BOBJ1	57.17	After	Interior Girder 3	11.54	0.95	1	1	3.947557
SU7_str	BOBJ1	57.17	After	Interior Girder 4	11.54	0.95	1	1	3.947557
SU7_str	BOBJ1	57.17	After	Interior Girder 5	11.54	0.95	1	1	3.995396
SU7_str	BOBJ1	57.17	After	Interior Girder 6	11.54	0.95	1	1	4.607914
SU7_str	BOBJ1	57.17	After	Right Exterior Girder	11.54	0.95	1	1	6.130649
SU7_str	BOBJ1	63.34	Before	Left Exterior Girder	17.71	0.95	1	1	2.907142
SU7_str	BOBJ1	63.34	Before	Interior Girder 1	17.71	0.95	1	1	2.199423
SU7_str	BOBJ1	63.34	Before	Interior Girder 2	17.71	0.95	1	1	2.052055
SU7_str	BOBJ1	63.34	Before	Interior Girder 3	17.71	0.95	1	1	1.971255
SU7_str	BOBJ1	63.34	Before	Interior Girder 4	17.71	0.95	1	1	1.971255
SU7_str	BOBJ1	63.34	Before	Interior Girder 5	17.71	0.95	1	1	2.052055
SU7_str	BOBJ1	63.34	Before	Interior Girder 6	17.71	0.95	1	1	2.199423
SU7_str	BOBJ1	63.34	Before	Right Exterior Girder	17.71	0.95	1	1	2.907142
SU7_str	BOBJ1	63.34	After	Left Exterior Girder	17.71	0.95	1	1	2.992067
SU7_str	BOBJ1	63.34	After	Interior Girder 1	17.71	0.95	1	1	2.161221
SU7_str	BOBJ1	63.34	After	Interior Girder 2	17.71	0.95	1	1	2.04239
SU7_str	BOBJ1	63.34	After	Interior Girder 3	17.71	0.95	1	1	1.995022
SU7_str	BOBJ1	63.34	After	Interior Girder 4	17.71	0.95	1	1	1.995022
SU7_str	BOBJ1	63.34	After	Interior Girder 5	17.71	0.95	1	1	2.04239
SU7_str	BOBJ1	63.34	After	Interior Girder 6	17.71	0.95	1	1	2.161221
SU7_str	BOBJ1	63.34	After	Right Exterior Girder	17.71	0.95	1	1	2.992067
SU7_str	BOBJ1	69.51	Before	Left Exterior Girder	23.88	0.95	1	1	1.837213
SU7_str	BOBJ1	69.51	Before	Interior Girder 1	23.88	0.95	1	1	1.535748
SU7_str	BOBJ1	69.51	Before	Interior Girder 2	23.88	0.95	1	1	1.477995
SU7_str	BOBJ1	69.51	Before	Interior Girder 3	23.88	0.95	1	1	1.44923
SU7_str	BOBJ1	69.51	Before	Interior Girder 4	23.88	0.95	1	1	1.44923
SU7_str	BOBJ1	69.51	Before	Interior Girder 5	23.88	0.95	1	1	1.477995

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelINonCompStrgth-Flx - Approach, Span 16-19									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
SU7_str	BOBJ1	69.51	Before	Interior Girder 6	23.88	0.95	1	1	1.535748
SU7_str	BOBJ1	69.51	Before	Right Exterior Girder	23.88	0.95	1	1	1.837213
SU7_str	BOBJ1	69.51	After	Left Exterior Girder	23.88	0.95	1	1	1.851641
SU7_str	BOBJ1	69.51	After	Interior Girder 1	23.88	0.95	1	1	1.531978
SU7_str	BOBJ1	69.51	After	Interior Girder 2	23.88	0.95	1	1	1.482905
SU7_str	BOBJ1	69.51	After	Interior Girder 3	23.88	0.95	1	1	1.460129
SU7_str	BOBJ1	69.51	After	Interior Girder 4	23.88	0.95	1	1	1.460129
SU7_str	BOBJ1	69.51	After	Interior Girder 5	23.88	0.95	1	1	1.482905
SU7_str	BOBJ1	69.51	After	Interior Girder 6	23.88	0.95	1	1	1.531978
SU7_str	BOBJ1	69.51	After	Right Exterior Girder	23.88	0.95	1	1	1.851641
SU7_str	BOBJ1	75.68	Before	Left Exterior Girder	30.05	0.95	1	1	1.39604
SU7_str	BOBJ1	75.68	Before	Interior Girder 1	30.05	0.95	1	1	1.363111
SU7_str	BOBJ1	75.68	Before	Interior Girder 2	30.05	0.95	1	1	1.336571
SU7_str	BOBJ1	75.68	Before	Interior Girder 3	30.05	0.95	1	1	1.350277
SU7_str	BOBJ1	75.68	Before	Interior Girder 4	30.05	0.95	1	1	1.350277
SU7_str	BOBJ1	75.68	Before	Interior Girder 5	30.05	0.95	1	1	1.336571
SU7_str	BOBJ1	75.68	Before	Interior Girder 6	30.05	0.95	1	1	1.363111
SU7_str	BOBJ1	75.68	Before	Right Exterior Girder	30.05	0.95	1	1	1.39604
SU7_str	BOBJ1	75.68	After	Left Exterior Girder	30.05	0.95	1	1	1.40636
SU7_str	BOBJ1	75.68	After	Interior Girder 1	30.05	0.95	1	1	1.356708
SU7_str	BOBJ1	75.68	After	Interior Girder 2	30.05	0.95	1	1	1.335436
SU7_str	BOBJ1	75.68	After	Interior Girder 3	30.05	0.95	1	1	1.352149
SU7_str	BOBJ1	75.68	After	Interior Girder 4	30.05	0.95	1	1	1.352149
SU7_str	BOBJ1	75.68	After	Interior Girder 5	30.05	0.95	1	1	1.335436
SU7_str	BOBJ1	75.68	After	Interior Girder 6	30.05	0.95	1	1	1.356708
SU7_str	BOBJ1	75.68	After	Right Exterior Girder	30.05	0.95	1	1	1.40636
SU7_str	BOBJ1	81.8467	Before	Left Exterior Girder	36.2167	0.95	1	1	1.457164
SU7_str	BOBJ1	81.8467	Before	Interior Girder 1	36.2167	0.95	1	1	1.261472
SU7_str	BOBJ1	81.8467	Before	Interior Girder 2	36.2167	0.95	1	1	1.245749
SU7_str	BOBJ1	81.8467	Before	Interior Girder 3	36.2167	0.95	1	1	1.23064
SU7_str	BOBJ1	81.8467	Before	Interior Girder 4	36.2167	0.95	1	1	1.23064
SU7_str	BOBJ1	81.8467	Before	Interior Girder 5	36.2167	0.95	1	1	1.245749
SU7_str	BOBJ1	81.8467	Before	Interior Girder 6	36.2167	0.95	1	1	1.261472
SU7_str	BOBJ1	81.8467	Before	Right Exterior Girder	36.2167	0.95	1	1	1.457164
SU7_str	BOBJ1	81.8467	After	Left Exterior Girder	36.2167	0.95	1	1	1.461144
SU7_str	BOBJ1	81.8467	After	Interior Girder 1	36.2167	0.95	1	1	1.258076
SU7_str	BOBJ1	81.8467	After	Interior Girder 2	36.2167	0.95	1	1	1.241815
SU7_str	BOBJ1	81.8467	After	Interior Girder 3	36.2167	0.95	1	1	1.226836
SU7_str	BOBJ1	81.8467	After	Interior Girder 4	36.2167	0.95	1	1	1.226836
SU7_str	BOBJ1	81.8467	After	Interior Girder 5	36.2167	0.95	1	1	1.241815
SU7_str	BOBJ1	81.8467	After	Interior Girder 6	36.2167	0.95	1	1	1.258076
SU7_str	BOBJ1	81.8467	After	Right Exterior Girder	36.2167	0.95	1	1	1.461144
SU7_str	BOBJ1	88.0133	Before	Left Exterior Girder	42.3833	0.95	1	1	1.766639
SU7_str	BOBJ1	88.0133	Before	Interior Girder 1	42.3833	0.95	1	1	1.452172
SU7_str	BOBJ1	88.0133	Before	Interior Girder 2	42.3833	0.95	1	1	1.417552
SU7_str	BOBJ1	88.0133	Before	Interior Girder 3	42.3833	0.95	1	1	1.398164
SU7_str	BOBJ1	88.0133	Before	Interior Girder 4	42.3833	0.95	1	1	1.398164
SU7_str	BOBJ1	88.0133	Before	Interior Girder 5	42.3833	0.95	1	1	1.417552
SU7_str	BOBJ1	88.0133	Before	Interior Girder 6	42.3833	0.95	1	1	1.452172
SU7_str	BOBJ1	88.0133	Before	Right Exterior Girder	42.3833	0.95	1	1	1.766639
SU7_str	BOBJ1	88.0133	After	Left Exterior Girder	42.3833	0.95	1	1	1.731401
SU7_str	BOBJ1	88.0133	After	Interior Girder 1	42.3833	0.95	1	1	1.470507
SU7_str	BOBJ1	88.0133	After	Interior Girder 2	42.3833	0.95	1	1	1.425706
SU7_str	BOBJ1	88.0133	After	Interior Girder 3	42.3833	0.95	1	1	1.392286
SU7_str	BOBJ1	88.0133	After	Interior Girder 4	42.3833	0.95	1	1	1.392286
SU7_str	BOBJ1	88.0133	After	Interior Girder 5	42.3833	0.95	1	1	1.425706
SU7_str	BOBJ1	88.0133	After	Interior Girder 6	42.3833	0.95	1	1	1.470507
SU7_str	BOBJ1	88.0133	After	Right Exterior Girder	42.3833	0.95	1	1	1.731401
SU7_str	BOBJ1	94.18	Before	Left Exterior Girder	48.55	0.95	1	1	2.410299
SU7_str	BOBJ1	94.18	Before	Interior Girder 1	48.55	0.95	1	1	2.180676
SU7_str	BOBJ1	94.18	Before	Interior Girder 2	48.55	0.95	1	1	2.030094
SU7_str	BOBJ1	94.18	Before	Interior Girder 3	48.55	0.95	1	1	2.025995
SU7_str	BOBJ1	94.18	Before	Interior Girder 4	48.55	0.95	1	1	2.025995
SU7_str	BOBJ1	94.18	Before	Interior Girder 5	48.55	0.95	1	1	2.030094
SU7_str	BOBJ1	94.18	Before	Interior Girder 6	48.55	0.95	1	1	2.180676

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelINonCompStrgth-Flx - Approach, Span 16-19									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
SU7_str	BOBJ1	94.18	Before	Right Exterior Girder	48.55	0.95	1	1	2.410299
SU7_str	BOBJ1	94.18	After	Left Exterior Girder	48.55	0.95	1	1	2.361368
SU7_str	BOBJ1	94.18	After	Interior Girder 1	48.55	0.95	1	1	2.205831
SU7_str	BOBJ1	94.18	After	Interior Girder 2	48.55	0.95	1	1	2.034769
SU7_str	BOBJ1	94.18	After	Interior Girder 3	48.55	0.95	1	1	2.00129
SU7_str	BOBJ1	94.18	After	Interior Girder 4	48.55	0.95	1	1	2.00129
SU7_str	BOBJ1	94.18	After	Interior Girder 5	48.55	0.95	1	1	2.034769
SU7_str	BOBJ1	94.18	After	Interior Girder 6	48.55	0.95	1	1	2.205831
SU7_str	BOBJ1	94.18	After	Right Exterior Girder	48.55	0.95	1	1	2.361368
SU7_str	BOBJ1	100.3567	Before	Left Exterior Girder	54.7267	0.95	1	1	4.70448
SU7_str	BOBJ1	100.3567	Before	Interior Girder 1	54.7267	0.95	1	1	3.565728
SU7_str	BOBJ1	100.3567	Before	Interior Girder 2	54.7267	0.95	1	1	3.259534
SU7_str	BOBJ1	100.3567	Before	Interior Girder 3	54.7267	0.95	1	1	3.222151
SU7_str	BOBJ1	100.3567	Before	Interior Girder 4	54.7267	0.95	1	1	3.222151
SU7_str	BOBJ1	100.3567	Before	Interior Girder 5	54.7267	0.95	1	1	3.259534
SU7_str	BOBJ1	100.3567	Before	Interior Girder 6	54.7267	0.95	1	1	3.565728
SU7_str	BOBJ1	100.3567	Before	Right Exterior Girder	54.7267	0.95	1	1	4.70448
SU7_str	BOBJ1	100.3567	After	Left Exterior Girder	54.7267	0.95	1	1	4.78257
SU7_str	BOBJ1	100.3567	After	Interior Girder 1	54.7267	0.95	1	1	3.563667
SU7_str	BOBJ1	100.3567	After	Interior Girder 2	54.7267	0.95	1	1	3.23071
SU7_str	BOBJ1	100.3567	After	Interior Girder 3	54.7267	0.95	1	1	3.102304
SU7_str	BOBJ1	100.3567	After	Interior Girder 4	54.7267	0.95	1	1	3.102304
SU7_str	BOBJ1	100.3567	After	Interior Girder 5	54.7267	0.95	1	1	3.23071
SU7_str	BOBJ1	100.3567	After	Interior Girder 6	54.7267	0.95	1	1	3.563667
SU7_str	BOBJ1	100.3567	After	Right Exterior Girder	54.7267	0.95	1	1	4.78257
SU7_str	BOBJ1	106.5333	Before	Left Exterior Girder	60.9033	0.95	1	1	2.93213
SU7_str	BOBJ1	106.5333	Before	Interior Girder 1	60.9033	0.95	1	1	3.91354
SU7_str	BOBJ1	106.5333	Before	Interior Girder 2	60.9033	0.95	1	1	3.684286
SU7_str	BOBJ1	106.5333	Before	Interior Girder 3	60.9033	0.95	1	1	3.472973
SU7_str	BOBJ1	106.5333	Before	Interior Girder 4	60.9033	0.95	1	1	3.472973
SU7_str	BOBJ1	106.5333	Before	Interior Girder 5	60.9033	0.95	1	1	3.684286
SU7_str	BOBJ1	106.5333	Before	Interior Girder 6	60.9033	0.95	1	1	3.91354
SU7_str	BOBJ1	106.5333	Before	Right Exterior Girder	60.9033	0.95	1	1	2.93213
SU7_str	BOBJ1	106.5333	After	Left Exterior Girder	60.9033	0.95	1	1	3.015452
SU7_str	BOBJ1	106.5333	After	Interior Girder 1	60.9033	0.95	1	1	3.816723
SU7_str	BOBJ1	106.5333	After	Interior Girder 2	60.9033	0.95	1	1	3.609524
SU7_str	BOBJ1	106.5333	After	Interior Girder 3	60.9033	0.95	1	1	3.405997
SU7_str	BOBJ1	106.5333	After	Interior Girder 4	60.9033	0.95	1	1	3.405997
SU7_str	BOBJ1	106.5333	After	Interior Girder 5	60.9033	0.95	1	1	3.609524
SU7_str	BOBJ1	106.5333	After	Interior Girder 6	60.9033	0.95	1	1	3.816723
SU7_str	BOBJ1	106.5333	After	Right Exterior Girder	60.9033	0.95	1	1	3.015452
SU7_str	BOBJ1	108.2102	Before	Left Exterior Girder	62.5802	0.95	1	1	2.461818
SU7_str	BOBJ1	108.2102	Before	Right Exterior Girder	62.5802	0.95	1	1	2.461818
SU7_str	BOBJ1	108.2102	After	Left Exterior Girder	62.5802	0.95	1	1	3.816131
SU7_str	BOBJ1	108.2102	After	Right Exterior Girder	62.5802	0.95	1	1	3.816131
SU7_str	BOBJ1	112.71	Before	Left Exterior Girder	67.08	0.95	1	1	1.70688
SU7_str	BOBJ1	112.71	Before	Interior Girder 1	67.08	0.95	1	1	1.677539
SU7_str	BOBJ1	112.71	Before	Interior Girder 2	67.08	0.95	1	1	1.639516
SU7_str	BOBJ1	112.71	Before	Interior Girder 3	67.08	0.95	1	1	1.381742
SU7_str	BOBJ1	112.71	Before	Interior Girder 4	67.08	0.95	1	1	1.381742
SU7_str	BOBJ1	112.71	Before	Interior Girder 5	67.08	0.95	1	1	1.639516
SU7_str	BOBJ1	112.71	Before	Interior Girder 6	67.08	0.95	1	1	1.677539
SU7_str	BOBJ1	112.71	Before	Right Exterior Girder	67.08	0.95	1	1	1.70688
SU7_str	BOBJ1	112.71	After	Left Exterior Girder	0	0.95	1	1	1.698399
SU7_str	BOBJ1	112.71	After	Interior Girder 1	0	0.95	1	1	1.897962
SU7_str	BOBJ1	112.71	After	Interior Girder 2	0	0.95	1	1	1.784136
SU7_str	BOBJ1	112.71	After	Interior Girder 3	0	0.95	1	1	1.515785
SU7_str	BOBJ1	112.71	After	Interior Girder 4	0	0.95	1	1	1.515785
SU7_str	BOBJ1	112.71	After	Interior Girder 5	0	0.95	1	1	1.784136
SU7_str	BOBJ1	112.71	After	Interior Girder 6	0	0.95	1	1	1.897962
SU7_str	BOBJ1	112.71	After	Right Exterior Girder	0	0.95	1	1	1.698399
SU7_str	BOBJ1	117.21	Before	Left Exterior Girder	4.5	0.95	1	1	2.57624
SU7_str	BOBJ1	117.21	Before	Right Exterior Girder	4.5	0.95	1	1	2.57624
SU7_str	BOBJ1	117.21	After	Left Exterior Girder	4.5	0.95	1	1	1.644664
SU7_str	BOBJ1	117.21	After	Right Exterior Girder	4.5	0.95	1	1	1.644664

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelINonCompStrgth-Flx - Approach, Span 16-19									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
SU7_str	BOBJ1	119.1	Before	Left Exterior Girder	6.39	0.95	1	1	2.032214
SU7_str	BOBJ1	119.1	Before	Interior Girder 1	6.39	0.95	1	1	2.788062
SU7_str	BOBJ1	119.1	Before	Interior Girder 2	6.39	0.95	1	1	2.756177
SU7_str	BOBJ1	119.1	Before	Interior Girder 3	6.39	0.95	1	1	2.671362
SU7_str	BOBJ1	119.1	Before	Interior Girder 4	6.39	0.95	1	1	2.671362
SU7_str	BOBJ1	119.1	Before	Interior Girder 5	6.39	0.95	1	1	2.756177
SU7_str	BOBJ1	119.1	Before	Interior Girder 6	6.39	0.95	1	1	2.788062
SU7_str	BOBJ1	119.1	Before	Right Exterior Girder	6.39	0.95	1	1	2.032214
SU7_str	BOBJ1	119.1	After	Left Exterior Girder	6.39	0.95	1	1	1.987604
SU7_str	BOBJ1	119.1	After	Interior Girder 1	6.39	0.95	1	1	2.840664
SU7_str	BOBJ1	119.1	After	Interior Girder 2	6.39	0.95	1	1	2.792616
SU7_str	BOBJ1	119.1	After	Interior Girder 3	6.39	0.95	1	1	2.684611
SU7_str	BOBJ1	119.1	After	Interior Girder 4	6.39	0.95	1	1	2.684611
SU7_str	BOBJ1	119.1	After	Interior Girder 5	6.39	0.95	1	1	2.792616
SU7_str	BOBJ1	119.1	After	Interior Girder 6	6.39	0.95	1	1	2.840664
SU7_str	BOBJ1	119.1	After	Right Exterior Girder	6.39	0.95	1	1	1.987604
SU7_str	BOBJ1	125.49	Before	Left Exterior Girder	12.78	0.95	1	1	3.269958
SU7_str	BOBJ1	125.49	Before	Interior Girder 1	12.78	0.95	1	1	3.413118
SU7_str	BOBJ1	125.49	Before	Interior Girder 2	12.78	0.95	1	1	3.113995
SU7_str	BOBJ1	125.49	Before	Interior Girder 3	12.78	0.95	1	1	3.016183
SU7_str	BOBJ1	125.49	Before	Interior Girder 4	12.78	0.95	1	1	3.016183
SU7_str	BOBJ1	125.49	Before	Interior Girder 5	12.78	0.95	1	1	3.113995
SU7_str	BOBJ1	125.49	Before	Interior Girder 6	12.78	0.95	1	1	3.413118
SU7_str	BOBJ1	125.49	Before	Right Exterior Girder	12.78	0.95	1	1	3.269958
SU7_str	BOBJ1	125.49	After	Left Exterior Girder	12.78	0.95	1	1	3.226076
SU7_str	BOBJ1	125.49	After	Interior Girder 1	12.78	0.95	1	1	3.428508
SU7_str	BOBJ1	125.49	After	Interior Girder 2	12.78	0.95	1	1	3.153487
SU7_str	BOBJ1	125.49	After	Interior Girder 3	12.78	0.95	1	1	3.107813
SU7_str	BOBJ1	125.49	After	Interior Girder 4	12.78	0.95	1	1	3.107813
SU7_str	BOBJ1	125.49	After	Interior Girder 5	12.78	0.95	1	1	3.153487
SU7_str	BOBJ1	125.49	After	Interior Girder 6	12.78	0.95	1	1	3.428508
SU7_str	BOBJ1	125.49	After	Right Exterior Girder	12.78	0.95	1	1	3.226076
SU7_str	BOBJ1	131.88	Before	Left Exterior Girder	19.17	0.95	1	1	2.605189
SU7_str	BOBJ1	131.88	Before	Interior Girder 1	19.17	0.95	1	1	2.433725
SU7_str	BOBJ1	131.88	Before	Interior Girder 2	19.17	0.95	1	1	2.223054
SU7_str	BOBJ1	131.88	Before	Interior Girder 3	19.17	0.95	1	1	2.162166
SU7_str	BOBJ1	131.88	Before	Interior Girder 4	19.17	0.95	1	1	2.162166
SU7_str	BOBJ1	131.88	Before	Interior Girder 5	19.17	0.95	1	1	2.223054
SU7_str	BOBJ1	131.88	Before	Interior Girder 6	19.17	0.95	1	1	2.433725
SU7_str	BOBJ1	131.88	Before	Right Exterior Girder	19.17	0.95	1	1	2.605189
SU7_str	BOBJ1	131.88	After	Left Exterior Girder	19.17	0.95	1	1	2.630259
SU7_str	BOBJ1	131.88	After	Interior Girder 1	19.17	0.95	1	1	2.419742
SU7_str	BOBJ1	131.88	After	Interior Girder 2	19.17	0.95	1	1	2.223665
SU7_str	BOBJ1	131.88	After	Interior Girder 3	19.17	0.95	1	1	2.185882
SU7_str	BOBJ1	131.88	After	Interior Girder 4	19.17	0.95	1	1	2.185882
SU7_str	BOBJ1	131.88	After	Interior Girder 5	19.17	0.95	1	1	2.223665
SU7_str	BOBJ1	131.88	After	Interior Girder 6	19.17	0.95	1	1	2.419742
SU7_str	BOBJ1	131.88	After	Right Exterior Girder	19.17	0.95	1	1	2.630259
SU7_str	BOBJ1	138.27	Before	Left Exterior Girder	25.56	0.95	1	1	2.302309
SU7_str	BOBJ1	138.27	Before	Interior Girder 1	25.56	0.95	1	1	1.874835
SU7_str	BOBJ1	138.27	Before	Interior Girder 2	25.56	0.95	1	1	1.768188
SU7_str	BOBJ1	138.27	Before	Interior Girder 3	25.56	0.95	1	1	1.694236
SU7_str	BOBJ1	138.27	Before	Interior Girder 4	25.56	0.95	1	1	1.694236
SU7_str	BOBJ1	138.27	Before	Interior Girder 5	25.56	0.95	1	1	1.768188
SU7_str	BOBJ1	138.27	Before	Interior Girder 6	25.56	0.95	1	1	1.874835
SU7_str	BOBJ1	138.27	Before	Right Exterior Girder	25.56	0.95	1	1	2.302309
SU7_str	BOBJ1	138.27	After	Left Exterior Girder	25.56	0.95	1	1	2.33078
SU7_str	BOBJ1	138.27	After	Interior Girder 1	25.56	0.95	1	1	1.86057
SU7_str	BOBJ1	138.27	After	Interior Girder 2	25.56	0.95	1	1	1.758736
SU7_str	BOBJ1	138.27	After	Interior Girder 3	25.56	0.95	1	1	1.696228
SU7_str	BOBJ1	138.27	After	Interior Girder 4	25.56	0.95	1	1	1.696228
SU7_str	BOBJ1	138.27	After	Interior Girder 5	25.56	0.95	1	1	1.758736
SU7_str	BOBJ1	138.27	After	Interior Girder 6	25.56	0.95	1	1	1.86057
SU7_str	BOBJ1	138.27	After	Right Exterior Girder	25.56	0.95	1	1	2.33078
SU7_str	BOBJ1	144.66	Before	Left Exterior Girder	31.95	0.95	1	1	2.385652

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelINonCompStrgth-Flx - Approach, Span 16-19									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
SU7_str	BOBJ1	144.66	Before	Interior Girder 1	31.95	0.95	1	1	1.87758
SU7_str	BOBJ1	144.66	Before	Interior Girder 2	31.95	0.95	1	1	1.774853
SU7_str	BOBJ1	144.66	Before	Interior Girder 3	31.95	0.95	1	1	1.711109
SU7_str	BOBJ1	144.66	Before	Interior Girder 4	31.95	0.95	1	1	1.711109
SU7_str	BOBJ1	144.66	Before	Interior Girder 5	31.95	0.95	1	1	1.774853
SU7_str	BOBJ1	144.66	Before	Interior Girder 6	31.95	0.95	1	1	1.87758
SU7_str	BOBJ1	144.66	Before	Right Exterior Girder	31.95	0.95	1	1	2.385652
SU7_str	BOBJ1	144.66	After	Left Exterior Girder	31.95	0.95	1	1	2.351959
SU7_str	BOBJ1	144.66	After	Interior Girder 1	31.95	0.95	1	1	1.895599
SU7_str	BOBJ1	144.66	After	Interior Girder 2	31.95	0.95	1	1	1.783729
SU7_str	BOBJ1	144.66	After	Interior Girder 3	31.95	0.95	1	1	1.707572
SU7_str	BOBJ1	144.66	After	Interior Girder 4	31.95	0.95	1	1	1.707572
SU7_str	BOBJ1	144.66	After	Interior Girder 5	31.95	0.95	1	1	1.783729
SU7_str	BOBJ1	144.66	After	Interior Girder 6	31.95	0.95	1	1	1.895599
SU7_str	BOBJ1	144.66	After	Right Exterior Girder	31.95	0.95	1	1	2.351959
SU7_str	BOBJ1	151.05	Before	Left Exterior Girder	38.34	0.95	1	1	2.811641
SU7_str	BOBJ1	151.05	Before	Interior Girder 1	38.34	0.95	1	1	2.504623
SU7_str	BOBJ1	151.05	Before	Interior Girder 2	38.34	0.95	1	1	2.294038
SU7_str	BOBJ1	151.05	Before	Interior Girder 3	38.34	0.95	1	1	2.251782
SU7_str	BOBJ1	151.05	Before	Interior Girder 4	38.34	0.95	1	1	2.251782
SU7_str	BOBJ1	151.05	Before	Interior Girder 5	38.34	0.95	1	1	2.294038
SU7_str	BOBJ1	151.05	Before	Interior Girder 6	38.34	0.95	1	1	2.504623
SU7_str	BOBJ1	151.05	Before	Right Exterior Girder	38.34	0.95	1	1	2.811641
SU7_str	BOBJ1	151.05	After	Left Exterior Girder	38.34	0.95	1	1	2.777645
SU7_str	BOBJ1	151.05	After	Interior Girder 1	38.34	0.95	1	1	2.525577
SU7_str	BOBJ1	151.05	After	Interior Girder 2	38.34	0.95	1	1	2.292905
SU7_str	BOBJ1	151.05	After	Interior Girder 3	38.34	0.95	1	1	2.223932
SU7_str	BOBJ1	151.05	After	Interior Girder 4	38.34	0.95	1	1	2.223932
SU7_str	BOBJ1	151.05	After	Interior Girder 5	38.34	0.95	1	1	2.292905
SU7_str	BOBJ1	151.05	After	Interior Girder 6	38.34	0.95	1	1	2.525577
SU7_str	BOBJ1	151.05	After	Right Exterior Girder	38.34	0.95	1	1	2.777645
SU7_str	BOBJ1	157.4367	Before	Left Exterior Girder	44.7267	0.95	1	1	3.274125
SU7_str	BOBJ1	157.4367	Before	Interior Girder 1	44.7267	0.95	1	1	3.453546
SU7_str	BOBJ1	157.4367	Before	Interior Girder 2	44.7267	0.95	1	1	3.322998
SU7_str	BOBJ1	157.4367	Before	Interior Girder 3	44.7267	0.95	1	1	3.285196
SU7_str	BOBJ1	157.4367	Before	Interior Girder 4	44.7267	0.95	1	1	3.285196
SU7_str	BOBJ1	157.4367	Before	Interior Girder 5	44.7267	0.95	1	1	3.322998
SU7_str	BOBJ1	157.4367	Before	Interior Girder 6	44.7267	0.95	1	1	3.453546
SU7_str	BOBJ1	157.4367	Before	Right Exterior Girder	44.7267	0.95	1	1	3.274125
SU7_str	BOBJ1	157.4367	After	Left Exterior Girder	44.7267	0.95	1	1	3.310655
SU7_str	BOBJ1	157.4367	After	Interior Girder 1	44.7267	0.95	1	1	3.418508
SU7_str	BOBJ1	157.4367	After	Interior Girder 2	44.7267	0.95	1	1	3.301601
SU7_str	BOBJ1	157.4367	After	Interior Girder 3	44.7267	0.95	1	1	3.220496
SU7_str	BOBJ1	157.4367	After	Interior Girder 4	44.7267	0.95	1	1	3.220496
SU7_str	BOBJ1	157.4367	After	Interior Girder 5	44.7267	0.95	1	1	3.301601
SU7_str	BOBJ1	157.4367	After	Interior Girder 6	44.7267	0.95	1	1	3.418508
SU7_str	BOBJ1	157.4367	After	Right Exterior Girder	44.7267	0.95	1	1	3.310655
SU7_str	BOBJ1	158.71	Before	Left Exterior Girder	46	0.95	1	1	3.012704
SU7_str	BOBJ1	158.71	Before	Interior Girder 1	46	0.95	1	1	3.21551
SU7_str	BOBJ1	158.71	Before	Interior Girder 2	46	0.95	1	1	3.127535
SU7_str	BOBJ1	158.71	Before	Interior Girder 3	46	0.95	1	1	3.123377
SU7_str	BOBJ1	158.71	Before	Interior Girder 4	46	0.95	1	1	3.123377
SU7_str	BOBJ1	158.71	Before	Interior Girder 5	46	0.95	1	1	3.127535
SU7_str	BOBJ1	158.71	Before	Interior Girder 6	46	0.95	1	1	3.21551
SU7_str	BOBJ1	158.71	Before	Right Exterior Girder	46	0.95	1	1	3.012704
SU7_str	BOBJ1	158.71	After	Left Exterior Girder	46	0.95	1	1	4.169797
SU7_str	BOBJ1	158.71	After	Interior Girder 1	46	0.95	1	1	4.04669
SU7_str	BOBJ1	158.71	After	Interior Girder 2	46	0.95	1	1	3.923887
SU7_str	BOBJ1	158.71	After	Interior Girder 3	46	0.95	1	1	3.945642
SU7_str	BOBJ1	158.71	After	Interior Girder 4	46	0.95	1	1	3.945642
SU7_str	BOBJ1	158.71	After	Interior Girder 5	46	0.95	1	1	3.923887
SU7_str	BOBJ1	158.71	After	Interior Girder 6	46	0.95	1	1	4.04669
SU7_str	BOBJ1	158.71	After	Right Exterior Girder	46	0.95	1	1	4.169797
SU7_str	BOBJ1	163.8233	Before	Left Exterior Girder	51.1133	0.95	1	1	2.946889
SU7_str	BOBJ1	163.8233	Before	Interior Girder 1	51.1133	0.95	1	1	3.115867

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelINonCompStrgth-Flx - Approach, Span 16-19									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
SU7_str	BOBJ1	163.8233	Before	Interior Girder 2	51.1133	0.95	1	1	2.993551
SU7_str	BOBJ1	163.8233	Before	Interior Girder 3	51.1133	0.95	1	1	2.831544
SU7_str	BOBJ1	163.8233	Before	Interior Girder 4	51.1133	0.95	1	1	2.831544
SU7_str	BOBJ1	163.8233	Before	Interior Girder 5	51.1133	0.95	1	1	2.993551
SU7_str	BOBJ1	163.8233	Before	Interior Girder 6	51.1133	0.95	1	1	3.115867
SU7_str	BOBJ1	163.8233	Before	Right Exterior Girder	51.1133	0.95	1	1	2.946889
SU7_str	BOBJ1	163.8233	After	Left Exterior Girder	51.1133	0.95	1	1	3.00375
SU7_str	BOBJ1	163.8233	After	Interior Girder 1	51.1133	0.95	1	1	3.042523
SU7_str	BOBJ1	163.8233	After	Interior Girder 2	51.1133	0.95	1	1	2.93956
SU7_str	BOBJ1	163.8233	After	Interior Girder 3	51.1133	0.95	1	1	2.789376
SU7_str	BOBJ1	163.8233	After	Interior Girder 4	51.1133	0.95	1	1	2.789376
SU7_str	BOBJ1	163.8233	After	Interior Girder 5	51.1133	0.95	1	1	2.93956
SU7_str	BOBJ1	163.8233	After	Interior Girder 6	51.1133	0.95	1	1	3.042523
SU7_str	BOBJ1	163.8233	After	Right Exterior Girder	51.1133	0.95	1	1	3.00375
SU7_str	BOBJ1	164.71	Before	Left Exterior Girder	52	0.95	1	1	2.788717
SU7_str	BOBJ1	164.71	Before	Right Exterior Girder	52	0.95	1	1	2.788717
SU7_str	BOBJ1	164.71	After	Left Exterior Girder	52	0.95	1	1	4.393697
SU7_str	BOBJ1	164.71	After	Right Exterior Girder	52	0.95	1	1	4.393697
SU7_str	BOBJ1	170.21	Before	Left Exterior Girder	57.5	0.95	1	1	3.041633
SU7_str	BOBJ1	170.21	Before	Interior Girder 1	57.5	0.95	1	1	1.915212
SU7_str	BOBJ1	170.21	Before	Interior Girder 2	57.5	0.95	1	1	1.802832
SU7_str	BOBJ1	170.21	Before	Interior Girder 3	57.5	0.95	1	1	1.450376
SU7_str	BOBJ1	170.21	Before	Interior Girder 4	57.5	0.95	1	1	1.450376
SU7_str	BOBJ1	170.21	Before	Interior Girder 5	57.5	0.95	1	1	1.802832
SU7_str	BOBJ1	170.21	Before	Interior Girder 6	57.5	0.95	1	1	1.915212
SU7_str	BOBJ1	170.21	Before	Right Exterior Girder	57.5	0.95	1	1	3.041633
SU7_str	BOBJ1	170.21	After	Left Exterior Girder	0	0.95	1	1	3.106832
SU7_str	BOBJ1	170.21	After	Interior Girder 1	0	0.95	1	1	2.440551
SU7_str	BOBJ1	170.21	After	Interior Girder 2	0	0.95	1	1	2.303281
SU7_str	BOBJ1	170.21	After	Interior Girder 3	0	0.95	1	1	1.912699
SU7_str	BOBJ1	170.21	After	Interior Girder 4	0	0.95	1	1	1.912699
SU7_str	BOBJ1	170.21	After	Interior Girder 5	0	0.95	1	1	2.303281
SU7_str	BOBJ1	170.21	After	Interior Girder 6	0	0.95	1	1	2.440551
SU7_str	BOBJ1	170.21	After	Right Exterior Girder	0	0.95	1	1	3.106832
SU7_str	BOBJ1	176.21	Before	Left Exterior Girder	6	0.95	1	1	5.246626
SU7_str	BOBJ1	176.21	Before	Right Exterior Girder	6	0.95	1	1	5.246626
SU7_str	BOBJ1	176.21	After	Left Exterior Girder	6	0.95	1	1	3.425417
SU7_str	BOBJ1	176.21	After	Right Exterior Girder	6	0.95	1	1	3.425417
SU7_str	BOBJ1	176.6	Before	Left Exterior Girder	6.39	0.95	1	1	3.546615
SU7_str	BOBJ1	176.6	Before	Interior Girder 1	6.39	0.95	1	1	4.28057
SU7_str	BOBJ1	176.6	Before	Interior Girder 2	6.39	0.95	1	1	4.034458
SU7_str	BOBJ1	176.6	Before	Interior Girder 3	6.39	0.95	1	1	3.835185
SU7_str	BOBJ1	176.6	Before	Interior Girder 4	6.39	0.95	1	1	3.835185
SU7_str	BOBJ1	176.6	Before	Interior Girder 5	6.39	0.95	1	1	4.034458
SU7_str	BOBJ1	176.6	Before	Interior Girder 6	6.39	0.95	1	1	4.28057
SU7_str	BOBJ1	176.6	Before	Right Exterior Girder	6.39	0.95	1	1	3.546615
SU7_str	BOBJ1	176.6	After	Left Exterior Girder	6.39	0.95	1	1	3.455295
SU7_str	BOBJ1	176.6	After	Interior Girder 1	6.39	0.95	1	1	4.385031
SU7_str	BOBJ1	176.6	After	Interior Girder 2	6.39	0.95	1	1	4.116086
SU7_str	BOBJ1	176.6	After	Interior Girder 3	6.39	0.95	1	1	3.907021
SU7_str	BOBJ1	176.6	After	Interior Girder 4	6.39	0.95	1	1	3.907021
SU7_str	BOBJ1	176.6	After	Interior Girder 5	6.39	0.95	1	1	4.116086
SU7_str	BOBJ1	176.6	After	Interior Girder 6	6.39	0.95	1	1	4.385031
SU7_str	BOBJ1	176.6	After	Right Exterior Girder	6.39	0.95	1	1	3.455295
SU7_str	BOBJ1	182.99	Before	Left Exterior Girder	12.78	0.95	1	1	5.236329
SU7_str	BOBJ1	182.99	Before	Interior Girder 1	12.78	0.95	1	1	3.791379
SU7_str	BOBJ1	182.99	Before	Interior Girder 2	12.78	0.95	1	1	3.44839
SU7_str	BOBJ1	182.99	Before	Interior Girder 3	12.78	0.95	1	1	3.362555
SU7_str	BOBJ1	182.99	Before	Interior Girder 4	12.78	0.95	1	1	3.362555
SU7_str	BOBJ1	182.99	Before	Interior Girder 5	12.78	0.95	1	1	3.44839
SU7_str	BOBJ1	182.99	Before	Interior Girder 6	12.78	0.95	1	1	3.791379
SU7_str	BOBJ1	182.99	Before	Right Exterior Girder	12.78	0.95	1	1	5.236329
SU7_str	BOBJ1	182.99	After	Left Exterior Girder	12.78	0.95	1	1	5.174064
SU7_str	BOBJ1	182.99	After	Interior Girder 1	12.78	0.95	1	1	3.798787
SU7_str	BOBJ1	182.99	After	Interior Girder 2	12.78	0.95	1	1	3.493401

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelINonCompStrgth-Flx - Approach, Span 16-19									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
SU7_str	BOBJ1	182.99	After	Interior Girder 3	12.78	0.95	1	1	3.489457
SU7_str	BOBJ1	182.99	After	Interior Girder 4	12.78	0.95	1	1	3.489457
SU7_str	BOBJ1	182.99	After	Interior Girder 5	12.78	0.95	1	1	3.493401
SU7_str	BOBJ1	182.99	After	Interior Girder 6	12.78	0.95	1	1	3.798787
SU7_str	BOBJ1	182.99	After	Right Exterior Girder	12.78	0.95	1	1	5.174064
SU7_str	BOBJ1	189.38	Before	Left Exterior Girder	19.17	0.95	1	1	2.761795
SU7_str	BOBJ1	189.38	Before	Interior Girder 1	19.17	0.95	1	1	2.412874
SU7_str	BOBJ1	189.38	Before	Interior Girder 2	19.17	0.95	1	1	2.215671
SU7_str	BOBJ1	189.38	Before	Interior Girder 3	19.17	0.95	1	1	2.177067
SU7_str	BOBJ1	189.38	Before	Interior Girder 4	19.17	0.95	1	1	2.177067
SU7_str	BOBJ1	189.38	Before	Interior Girder 5	19.17	0.95	1	1	2.215671
SU7_str	BOBJ1	189.38	Before	Interior Girder 6	19.17	0.95	1	1	2.412874
SU7_str	BOBJ1	189.38	Before	Right Exterior Girder	19.17	0.95	1	1	2.761795
SU7_str	BOBJ1	189.38	After	Left Exterior Girder	19.17	0.95	1	1	2.806692
SU7_str	BOBJ1	189.38	After	Interior Girder 1	19.17	0.95	1	1	2.386503
SU7_str	BOBJ1	189.38	After	Interior Girder 2	19.17	0.95	1	1	2.216362
SU7_str	BOBJ1	189.38	After	Interior Girder 3	19.17	0.95	1	1	2.206649
SU7_str	BOBJ1	189.38	After	Interior Girder 4	19.17	0.95	1	1	2.206649
SU7_str	BOBJ1	189.38	After	Interior Girder 5	19.17	0.95	1	1	2.216362
SU7_str	BOBJ1	189.38	After	Interior Girder 6	19.17	0.95	1	1	2.386503
SU7_str	BOBJ1	189.38	After	Right Exterior Girder	19.17	0.95	1	1	2.806692
SU7_str	BOBJ1	195.77	Before	Left Exterior Girder	25.56	0.95	1	1	2.108158
SU7_str	BOBJ1	195.77	Before	Interior Girder 1	25.56	0.95	1	1	1.65762
SU7_str	BOBJ1	195.77	Before	Interior Girder 2	25.56	0.95	1	1	1.589868
SU7_str	BOBJ1	195.77	Before	Interior Girder 3	25.56	0.95	1	1	1.54806
SU7_str	BOBJ1	195.77	Before	Interior Girder 4	25.56	0.95	1	1	1.54806
SU7_str	BOBJ1	195.77	Before	Interior Girder 5	25.56	0.95	1	1	1.589868
SU7_str	BOBJ1	195.77	Before	Interior Girder 6	25.56	0.95	1	1	1.65762
SU7_str	BOBJ1	195.77	Before	Right Exterior Girder	25.56	0.95	1	1	2.108158
SU7_str	BOBJ1	195.77	After	Left Exterior Girder	25.56	0.95	1	1	2.143551
SU7_str	BOBJ1	195.77	After	Interior Girder 1	25.56	0.95	1	1	1.637722
SU7_str	BOBJ1	195.77	After	Interior Girder 2	25.56	0.95	1	1	1.583955
SU7_str	BOBJ1	195.77	After	Interior Girder 3	25.56	0.95	1	1	1.554599
SU7_str	BOBJ1	195.77	After	Interior Girder 4	25.56	0.95	1	1	1.554599
SU7_str	BOBJ1	195.77	After	Interior Girder 5	25.56	0.95	1	1	1.583955
SU7_str	BOBJ1	195.77	After	Interior Girder 6	25.56	0.95	1	1	1.637722
SU7_str	BOBJ1	195.77	After	Right Exterior Girder	25.56	0.95	1	1	2.143551
SU7_str	BOBJ1	202.16	Before	Left Exterior Girder	31.95	0.95	1	1	1.82718
SU7_str	BOBJ1	202.16	Before	Interior Girder 1	31.95	0.95	1	1	1.44029
SU7_str	BOBJ1	202.16	Before	Interior Girder 2	31.95	0.95	1	1	1.400926
SU7_str	BOBJ1	202.16	Before	Interior Girder 3	31.95	0.95	1	1	1.377198
SU7_str	BOBJ1	202.16	Before	Interior Girder 4	31.95	0.95	1	1	1.377198
SU7_str	BOBJ1	202.16	Before	Interior Girder 5	31.95	0.95	1	1	1.400926
SU7_str	BOBJ1	202.16	Before	Interior Girder 6	31.95	0.95	1	1	1.44029
SU7_str	BOBJ1	202.16	Before	Right Exterior Girder	31.95	0.95	1	1	1.82718
SU7_str	BOBJ1	202.16	After	Left Exterior Girder	31.95	0.95	1	1	1.81234
SU7_str	BOBJ1	202.16	After	Interior Girder 1	31.95	0.95	1	1	1.44837
SU7_str	BOBJ1	202.16	After	Interior Girder 2	31.95	0.95	1	1	1.409232
SU7_str	BOBJ1	202.16	After	Interior Girder 3	31.95	0.95	1	1	1.382873
SU7_str	BOBJ1	202.16	After	Interior Girder 4	31.95	0.95	1	1	1.382873
SU7_str	BOBJ1	202.16	After	Interior Girder 5	31.95	0.95	1	1	1.409232
SU7_str	BOBJ1	202.16	After	Interior Girder 6	31.95	0.95	1	1	1.44837
SU7_str	BOBJ1	202.16	After	Right Exterior Girder	31.95	0.95	1	1	1.81234
SU7_str	BOBJ1	208.55	Before	Left Exterior Girder	38.34	0.95	1	1	1.785956
SU7_str	BOBJ1	208.55	Before	Interior Girder 1	38.34	0.95	1	1	1.576087
SU7_str	BOBJ1	208.55	Before	Interior Girder 2	38.34	0.95	1	1	1.523521
SU7_str	BOBJ1	208.55	Before	Interior Girder 3	38.34	0.95	1	1	1.519669
SU7_str	BOBJ1	208.55	Before	Interior Girder 4	38.34	0.95	1	1	1.519669
SU7_str	BOBJ1	208.55	Before	Interior Girder 5	38.34	0.95	1	1	1.523521
SU7_str	BOBJ1	208.55	Before	Interior Girder 6	38.34	0.95	1	1	1.576087
SU7_str	BOBJ1	208.55	Before	Right Exterior Girder	38.34	0.95	1	1	1.785956
SU7_str	BOBJ1	208.55	After	Left Exterior Girder	38.34	0.95	1	1	1.768118
SU7_str	BOBJ1	208.55	After	Interior Girder 1	38.34	0.95	1	1	1.585238
SU7_str	BOBJ1	208.55	After	Interior Girder 2	38.34	0.95	1	1	1.522294
SU7_str	BOBJ1	208.55	After	Interior Girder 3	38.34	0.95	1	1	1.511579

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelINonCompStrgth-Flx - Approach, Span 16-19									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
SU7_str	BOBJ1	208.55	After	Interior Girder 4	38.34	0.95	1	1	1.511579
SU7_str	BOBJ1	208.55	After	Interior Girder 5	38.34	0.95	1	1	1.522294
SU7_str	BOBJ1	208.55	After	Interior Girder 6	38.34	0.95	1	1	1.585238
SU7_str	BOBJ1	208.55	After	Right Exterior Girder	38.34	0.95	1	1	1.768118
SU7_str	BOBJ1	215.1233	Before	Left Exterior Girder	44.9133	0.95	1	1	2.518065
SU7_str	BOBJ1	215.1233	Before	Interior Girder 1	44.9133	0.95	1	1	1.877849
SU7_str	BOBJ1	215.1233	Before	Interior Girder 2	44.9133	0.95	1	1	1.801914
SU7_str	BOBJ1	215.1233	Before	Interior Girder 3	44.9133	0.95	1	1	1.733955
SU7_str	BOBJ1	215.1233	Before	Interior Girder 4	44.9133	0.95	1	1	1.733955
SU7_str	BOBJ1	215.1233	Before	Interior Girder 5	44.9133	0.95	1	1	1.801914
SU7_str	BOBJ1	215.1233	Before	Interior Girder 6	44.9133	0.95	1	1	1.877849
SU7_str	BOBJ1	215.1233	Before	Right Exterior Girder	44.9133	0.95	1	1	2.518065
SU7_str	BOBJ1	215.1233	After	Left Exterior Girder	44.9133	0.95	1	1	2.504604
SU7_str	BOBJ1	215.1233	After	Interior Girder 1	44.9133	0.95	1	1	1.883176
SU7_str	BOBJ1	215.1233	After	Interior Girder 2	44.9133	0.95	1	1	1.777248
SU7_str	BOBJ1	215.1233	After	Interior Girder 3	44.9133	0.95	1	1	1.70047
SU7_str	BOBJ1	215.1233	After	Interior Girder 4	44.9133	0.95	1	1	1.70047
SU7_str	BOBJ1	215.1233	After	Interior Girder 5	44.9133	0.95	1	1	1.777248
SU7_str	BOBJ1	215.1233	After	Interior Girder 6	44.9133	0.95	1	1	1.883176
SU7_str	BOBJ1	215.1233	After	Right Exterior Girder	44.9133	0.95	1	1	2.504604
SU7_str	BOBJ1	221.6967	Before	Left Exterior Girder	51.4867	0.95	1	1	5.25865
SU7_str	BOBJ1	221.6967	Before	Interior Girder 1	51.4867	0.95	1	1	3.363578
SU7_str	BOBJ1	221.6967	Before	Interior Girder 2	51.4867	0.95	1	1	3.18115
SU7_str	BOBJ1	221.6967	Before	Interior Girder 3	51.4867	0.95	1	1	2.957475
SU7_str	BOBJ1	221.6967	Before	Interior Girder 4	51.4867	0.95	1	1	2.957475
SU7_str	BOBJ1	221.6967	Before	Interior Girder 5	51.4867	0.95	1	1	3.18115
SU7_str	BOBJ1	221.6967	Before	Interior Girder 6	51.4867	0.95	1	1	3.363578
SU7_str	BOBJ1	221.6967	Before	Right Exterior Girder	51.4867	0.95	1	1	5.25865
SU7_str	BOBJ1	221.6967	After	Left Exterior Girder	51.4867	0.95	1	1	5.212488
SU7_str	BOBJ1	221.6967	After	Interior Girder 1	51.4867	0.95	1	1	3.378702
SU7_str	BOBJ1	221.6967	After	Interior Girder 2	51.4867	0.95	1	1	3.134894
SU7_str	BOBJ1	221.6967	After	Interior Girder 3	51.4867	0.95	1	1	2.846215
SU7_str	BOBJ1	221.6967	After	Interior Girder 4	51.4867	0.95	1	1	2.846215
SU7_str	BOBJ1	221.6967	After	Interior Girder 5	51.4867	0.95	1	1	3.134894
SU7_str	BOBJ1	221.6967	After	Interior Girder 6	51.4867	0.95	1	1	3.378702
SU7_str	BOBJ1	221.6967	After	Right Exterior Girder	51.4867	0.95	1	1	5.212488
SU7_str	BOBJ1	228.27	Before	Left Exterior Girder	58.06	0.95	1	1	376.856879
SU7_str	BOBJ1	228.27	Before	Interior Girder 1	58.06	0.95	1	1	276.760742
SU7_str	BOBJ1	228.27	Before	Interior Girder 2	58.06	0.95	1	1	194.028769
SU7_str	BOBJ1	228.27	Before	Interior Girder 3	58.06	0.95	1	1	141.363
SU7_str	BOBJ1	228.27	Before	Interior Girder 4	58.06	0.95	1	1	141.363
SU7_str	BOBJ1	228.27	Before	Interior Girder 5	58.06	0.95	1	1	194.028768
SU7_str	BOBJ1	228.27	Before	Interior Girder 6	58.06	0.95	1	1	276.760742
SU7_str	BOBJ1	228.27	Before	Right Exterior Girder	58.06	0.95	1	1	376.856879
Type 3_str	BOBJ1	0	After	Left Exterior Girder	0	0.95	1	1	533.670477
Type 3_str	BOBJ1	0	After	Interior Girder 1	0	0.95	1	1	493.833761
Type 3_str	BOBJ1	0	After	Interior Girder 2	0	0.95	1	1	291.835122
Type 3_str	BOBJ1	0	After	Interior Girder 3	0	0.95	1	1	232.640524
Type 3_str	BOBJ1	0	After	Interior Girder 4	0	0.95	1	1	232.640524
Type 3_str	BOBJ1	0	After	Interior Girder 5	0	0.95	1	1	291.835125
Type 3_str	BOBJ1	0	After	Interior Girder 6	0	0.95	1	1	493.833761
Type 3_str	BOBJ1	0	After	Right Exterior Girder	0	0.95	1	1	533.670477
Type 3_str	BOBJ1	5.3833	Before	Left Exterior Girder	5.3833	0.95	1	1	7.737532
Type 3_str	BOBJ1	5.3833	Before	Interior Girder 1	5.3833	0.95	1	1	4.74988
Type 3_str	BOBJ1	5.3833	Before	Interior Girder 2	5.3833	0.95	1	1	4.462669
Type 3_str	BOBJ1	5.3833	Before	Interior Girder 3	5.3833	0.95	1	1	3.826796
Type 3_str	BOBJ1	5.3833	Before	Interior Girder 4	5.3833	0.95	1	1	3.826796
Type 3_str	BOBJ1	5.3833	Before	Interior Girder 5	5.3833	0.95	1	1	4.462669
Type 3_str	BOBJ1	5.3833	Before	Interior Girder 6	5.3833	0.95	1	1	4.74988
Type 3_str	BOBJ1	5.3833	Before	Right Exterior Girder	5.3833	0.95	1	1	7.737532
Type 3_str	BOBJ1	5.3833	After	Left Exterior Girder	5.3833	0.95	1	1	7.816412
Type 3_str	BOBJ1	5.3833	After	Interior Girder 1	5.3833	0.95	1	1	4.763123
Type 3_str	BOBJ1	5.3833	After	Interior Girder 2	5.3833	0.95	1	1	4.531142
Type 3_str	BOBJ1	5.3833	After	Interior Girder 3	5.3833	0.95	1	1	3.951529
Type 3_str	BOBJ1	5.3833	After	Interior Girder 4	5.3833	0.95	1	1	3.951529

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelINonCompStrgth-Flx - Approach, Span 16-19									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Type 3_str	BOBJ1	5.3833	After	Interior Girder 5	5.3833	0.95	1	1	4.531142
Type 3_str	BOBJ1	5.3833	After	Interior Girder 6	5.3833	0.95	1	1	4.763123
Type 3_str	BOBJ1	5.3833	After	Right Exterior Girder	5.3833	0.95	1	1	7.816412
Type 3_str	BOBJ1	10.7667	Before	Left Exterior Girder	10.7667	0.95	1	1	4.181092
Type 3_str	BOBJ1	10.7667	Before	Interior Girder 1	10.7667	0.95	1	1	3.069186
Type 3_str	BOBJ1	10.7667	Before	Interior Girder 2	10.7667	0.95	1	1	2.866564
Type 3_str	BOBJ1	10.7667	Before	Interior Girder 3	10.7667	0.95	1	1	2.695505
Type 3_str	BOBJ1	10.7667	Before	Interior Girder 4	10.7667	0.95	1	1	2.695505
Type 3_str	BOBJ1	10.7667	Before	Interior Girder 5	10.7667	0.95	1	1	2.866564
Type 3_str	BOBJ1	10.7667	Before	Interior Girder 6	10.7667	0.95	1	1	3.069186
Type 3_str	BOBJ1	10.7667	Before	Right Exterior Girder	10.7667	0.95	1	1	4.181092
Type 3_str	BOBJ1	10.7667	After	Left Exterior Girder	10.7667	0.95	1	1	4.179025
Type 3_str	BOBJ1	10.7667	After	Interior Girder 1	10.7667	0.95	1	1	3.076773
Type 3_str	BOBJ1	10.7667	After	Interior Girder 2	10.7667	0.95	1	1	2.908311
Type 3_str	BOBJ1	10.7667	After	Interior Girder 3	10.7667	0.95	1	1	2.740244
Type 3_str	BOBJ1	10.7667	After	Interior Girder 4	10.7667	0.95	1	1	2.740244
Type 3_str	BOBJ1	10.7667	After	Interior Girder 5	10.7667	0.95	1	1	2.908311
Type 3_str	BOBJ1	10.7667	After	Interior Girder 6	10.7667	0.95	1	1	3.076773
Type 3_str	BOBJ1	10.7667	After	Right Exterior Girder	10.7667	0.95	1	1	4.179025
Type 3_str	BOBJ1	16.15	Before	Left Exterior Girder	16.15	0.95	1	1	3.229622
Type 3_str	BOBJ1	16.15	Before	Interior Girder 1	16.15	0.95	1	1	2.78447
Type 3_str	BOBJ1	16.15	Before	Interior Girder 2	16.15	0.95	1	1	2.597587
Type 3_str	BOBJ1	16.15	Before	Interior Girder 3	16.15	0.95	1	1	2.507082
Type 3_str	BOBJ1	16.15	Before	Interior Girder 4	16.15	0.95	1	1	2.507082
Type 3_str	BOBJ1	16.15	Before	Interior Girder 5	16.15	0.95	1	1	2.597587
Type 3_str	BOBJ1	16.15	Before	Interior Girder 6	16.15	0.95	1	1	2.78447
Type 3_str	BOBJ1	16.15	Before	Right Exterior Girder	16.15	0.95	1	1	3.229622
Type 3_str	BOBJ1	16.15	After	Left Exterior Girder	16.15	0.95	1	1	3.242589
Type 3_str	BOBJ1	16.15	After	Interior Girder 1	16.15	0.95	1	1	2.772179
Type 3_str	BOBJ1	16.15	After	Interior Girder 2	16.15	0.95	1	1	2.600723
Type 3_str	BOBJ1	16.15	After	Interior Girder 3	16.15	0.95	1	1	2.509871
Type 3_str	BOBJ1	16.15	After	Interior Girder 4	16.15	0.95	1	1	2.509871
Type 3_str	BOBJ1	16.15	After	Interior Girder 5	16.15	0.95	1	1	2.600723
Type 3_str	BOBJ1	16.15	After	Interior Girder 6	16.15	0.95	1	1	2.772179
Type 3_str	BOBJ1	16.15	After	Right Exterior Girder	16.15	0.95	1	1	3.242589
Type 3_str	BOBJ1	22.1267	Before	Left Exterior Girder	22.1267	0.95	1	1	3.572297
Type 3_str	BOBJ1	22.1267	Before	Interior Girder 1	22.1267	0.95	1	1	2.693872
Type 3_str	BOBJ1	22.1267	Before	Interior Girder 2	22.1267	0.95	1	1	2.5498
Type 3_str	BOBJ1	22.1267	Before	Interior Girder 3	22.1267	0.95	1	1	2.415722
Type 3_str	BOBJ1	22.1267	Before	Interior Girder 4	22.1267	0.95	1	1	2.415722
Type 3_str	BOBJ1	22.1267	Before	Interior Girder 5	22.1267	0.95	1	1	2.5498
Type 3_str	BOBJ1	22.1267	Before	Interior Girder 6	22.1267	0.95	1	1	2.693872
Type 3_str	BOBJ1	22.1267	Before	Right Exterior Girder	22.1267	0.95	1	1	3.572297
Type 3_str	BOBJ1	22.1267	After	Left Exterior Girder	22.1267	0.95	1	1	3.591632
Type 3_str	BOBJ1	22.1267	After	Interior Girder 1	22.1267	0.95	1	1	2.683372
Type 3_str	BOBJ1	22.1267	After	Interior Girder 2	22.1267	0.95	1	1	2.538209
Type 3_str	BOBJ1	22.1267	After	Interior Girder 3	22.1267	0.95	1	1	2.406452
Type 3_str	BOBJ1	22.1267	After	Interior Girder 4	22.1267	0.95	1	1	2.406452
Type 3_str	BOBJ1	22.1267	After	Interior Girder 5	22.1267	0.95	1	1	2.538209
Type 3_str	BOBJ1	22.1267	After	Interior Girder 6	22.1267	0.95	1	1	2.683372
Type 3_str	BOBJ1	22.1267	After	Right Exterior Girder	22.1267	0.95	1	1	3.591632
Type 3_str	BOBJ1	28.1033	Before	Left Exterior Girder	28.1033	0.95	1	1	4.539988
Type 3_str	BOBJ1	28.1033	Before	Interior Girder 1	28.1033	0.95	1	1	3.23099
Type 3_str	BOBJ1	28.1033	Before	Interior Girder 2	28.1033	0.95	1	1	3.041959
Type 3_str	BOBJ1	28.1033	Before	Interior Girder 3	28.1033	0.95	1	1	2.916702
Type 3_str	BOBJ1	28.1033	Before	Interior Girder 4	28.1033	0.95	1	1	2.916702
Type 3_str	BOBJ1	28.1033	Before	Interior Girder 5	28.1033	0.95	1	1	3.041959
Type 3_str	BOBJ1	28.1033	Before	Interior Girder 6	28.1033	0.95	1	1	3.23099
Type 3_str	BOBJ1	28.1033	Before	Right Exterior Girder	28.1033	0.95	1	1	4.539988
Type 3_str	BOBJ1	28.1033	After	Left Exterior Girder	28.1033	0.95	1	1	4.479869
Type 3_str	BOBJ1	28.1033	After	Interior Girder 1	28.1033	0.95	1	1	3.266749
Type 3_str	BOBJ1	28.1033	After	Interior Girder 2	28.1033	0.95	1	1	3.048115
Type 3_str	BOBJ1	28.1033	After	Interior Girder 3	28.1033	0.95	1	1	2.90053
Type 3_str	BOBJ1	28.1033	After	Interior Girder 4	28.1033	0.95	1	1	2.90053
Type 3_str	BOBJ1	28.1033	After	Interior Girder 5	28.1033	0.95	1	1	3.048115

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelINonCompStrgth-Flx - Approach, Span 16-19									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Type 3_str	BOBJ1	28.1033	After	Interior Girder 6	28.1033	0.95	1	1	3.266749
Type 3_str	BOBJ1	28.1033	After	Right Exterior Girder	28.1033	0.95	1	1	4.479869
Type 3_str	BOBJ1	34.08	Before	Left Exterior Girder	34.08	0.95	1	1	5.334558
Type 3_str	BOBJ1	34.08	Before	Interior Girder 1	34.08	0.95	1	1	5.422895
Type 3_str	BOBJ1	34.08	Before	Interior Girder 2	34.08	0.95	1	1	4.934385
Type 3_str	BOBJ1	34.08	Before	Interior Girder 3	34.08	0.95	1	1	4.832629
Type 3_str	BOBJ1	34.08	Before	Interior Girder 4	34.08	0.95	1	1	4.832629
Type 3_str	BOBJ1	34.08	Before	Interior Girder 5	34.08	0.95	1	1	4.934385
Type 3_str	BOBJ1	34.08	Before	Interior Girder 6	34.08	0.95	1	1	5.422895
Type 3_str	BOBJ1	34.08	Before	Right Exterior Girder	34.08	0.95	1	1	5.334558
Type 3_str	BOBJ1	34.08	After	Left Exterior Girder	34.08	0.95	1	1	5.061967
Type 3_str	BOBJ1	34.08	After	Interior Girder 1	34.08	0.95	1	1	5.364788
Type 3_str	BOBJ1	34.08	After	Interior Girder 2	34.08	0.95	1	1	4.908471
Type 3_str	BOBJ1	34.08	After	Interior Girder 3	34.08	0.95	1	1	4.732974
Type 3_str	BOBJ1	34.08	After	Interior Girder 4	34.08	0.95	1	1	4.732974
Type 3_str	BOBJ1	34.08	After	Interior Girder 5	34.08	0.95	1	1	4.908471
Type 3_str	BOBJ1	34.08	After	Interior Girder 6	34.08	0.95	1	1	5.364788
Type 3_str	BOBJ1	34.08	After	Right Exterior Girder	34.08	0.95	1	1	5.061967
Type 3_str	BOBJ1	39.855	Before	Left Exterior Girder	39.855	0.95	1	1	3.185907
Type 3_str	BOBJ1	39.855	Before	Interior Girder 1	39.855	0.95	1	1	3.975239
Type 3_str	BOBJ1	39.855	Before	Interior Girder 2	39.855	0.95	1	1	3.940116
Type 3_str	BOBJ1	39.855	Before	Interior Girder 3	39.855	0.95	1	1	3.77264
Type 3_str	BOBJ1	39.855	Before	Interior Girder 4	39.855	0.95	1	1	3.77264
Type 3_str	BOBJ1	39.855	Before	Interior Girder 5	39.855	0.95	1	1	3.940116
Type 3_str	BOBJ1	39.855	Before	Interior Girder 6	39.855	0.95	1	1	3.975239
Type 3_str	BOBJ1	39.855	Before	Right Exterior Girder	39.855	0.95	1	1	3.185907
Type 3_str	BOBJ1	39.855	After	Left Exterior Girder	39.855	0.95	1	1	3.250662
Type 3_str	BOBJ1	39.855	After	Interior Girder 1	39.855	0.95	1	1	3.913915
Type 3_str	BOBJ1	39.855	After	Interior Girder 2	39.855	0.95	1	1	3.888524
Type 3_str	BOBJ1	39.855	After	Interior Girder 3	39.855	0.95	1	1	3.754362
Type 3_str	BOBJ1	39.855	After	Interior Girder 4	39.855	0.95	1	1	3.754362
Type 3_str	BOBJ1	39.855	After	Interior Girder 5	39.855	0.95	1	1	3.888524
Type 3_str	BOBJ1	39.855	After	Interior Girder 6	39.855	0.95	1	1	3.913915
Type 3_str	BOBJ1	39.855	After	Right Exterior Girder	39.855	0.95	1	1	3.250662
Type 3_str	BOBJ1	40.0288	Before	Left Exterior Girder	40.0288	0.95	1	1	3.178483
Type 3_str	BOBJ1	40.0288	Before	Right Exterior Girder	40.0288	0.95	1	1	3.178483
Type 3_str	BOBJ1	40.0288	After	Left Exterior Girder	40.0288	0.95	1	1	4.700218
Type 3_str	BOBJ1	40.0288	After	Right Exterior Girder	40.0288	0.95	1	1	4.700218
Type 3_str	BOBJ1	45.63	Before	Left Exterior Girder	45.63	0.95	1	1	2.918037
Type 3_str	BOBJ1	45.63	Before	Interior Girder 1	45.63	0.95	1	1	2.714328
Type 3_str	BOBJ1	45.63	Before	Interior Girder 2	45.63	0.95	1	1	2.713796
Type 3_str	BOBJ1	45.63	Before	Interior Girder 3	45.63	0.95	1	1	2.314031
Type 3_str	BOBJ1	45.63	Before	Interior Girder 4	45.63	0.95	1	1	2.314031
Type 3_str	BOBJ1	45.63	Before	Interior Girder 5	45.63	0.95	1	1	2.713796
Type 3_str	BOBJ1	45.63	Before	Interior Girder 6	45.63	0.95	1	1	2.714328
Type 3_str	BOBJ1	45.63	Before	Right Exterior Girder	45.63	0.95	1	1	2.918037
Type 3_str	BOBJ1	45.63	After	Left Exterior Girder	0	0.95	1	1	2.90136
Type 3_str	BOBJ1	45.63	After	Interior Girder 1	0	0.95	1	1	2.455355
Type 3_str	BOBJ1	45.63	After	Interior Girder 2	0	0.95	1	1	2.426847
Type 3_str	BOBJ1	45.63	After	Interior Girder 3	0	0.95	1	1	1.997346
Type 3_str	BOBJ1	45.63	After	Interior Girder 4	0	0.95	1	1	1.997346
Type 3_str	BOBJ1	45.63	After	Interior Girder 5	0	0.95	1	1	2.426847
Type 3_str	BOBJ1	45.63	After	Interior Girder 6	0	0.95	1	1	2.455355
Type 3_str	BOBJ1	45.63	After	Right Exterior Girder	0	0.95	1	1	2.90136
Type 3_str	BOBJ1	50.6298	Before	Left Exterior Girder	4.9998	0.95	1	1	8.055892
Type 3_str	BOBJ1	50.6298	Before	Right Exterior Girder	4.9998	0.95	1	1	8.055892
Type 3_str	BOBJ1	50.6298	After	Left Exterior Girder	4.9998	0.95	1	1	5.160071
Type 3_str	BOBJ1	50.6298	After	Right Exterior Girder	4.9998	0.95	1	1	5.160071
Type 3_str	BOBJ1	51.4	Before	Left Exterior Girder	5.77	0.95	1	1	6.136407
Type 3_str	BOBJ1	51.4	Before	Interior Girder 1	5.77	0.95	1	1	6.671614
Type 3_str	BOBJ1	51.4	Before	Interior Girder 2	5.77	0.95	1	1	6.213416
Type 3_str	BOBJ1	51.4	Before	Interior Girder 3	5.77	0.95	1	1	5.754012
Type 3_str	BOBJ1	51.4	Before	Interior Girder 4	5.77	0.95	1	1	5.754012
Type 3_str	BOBJ1	51.4	Before	Interior Girder 5	5.77	0.95	1	1	6.213415
Type 3_str	BOBJ1	51.4	Before	Interior Girder 6	5.77	0.95	1	1	6.671614

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelINonCompStrgth-Flx - Approach, Span 16-19									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Type 3_str	BOBJ1	51.4	Before	Right Exterior Girder	5.77	0.95	1	1	6.136407
Type 3_str	BOBJ1	51.4	After	Left Exterior Girder	5.77	0.95	1	1	6.001019
Type 3_str	BOBJ1	51.4	After	Interior Girder 1	5.77	0.95	1	1	6.793896
Type 3_str	BOBJ1	51.4	After	Interior Girder 2	5.77	0.95	1	1	6.246928
Type 3_str	BOBJ1	51.4	After	Interior Girder 3	5.77	0.95	1	1	5.749346
Type 3_str	BOBJ1	51.4	After	Interior Girder 4	5.77	0.95	1	1	5.749346
Type 3_str	BOBJ1	51.4	After	Interior Girder 5	5.77	0.95	1	1	6.246928
Type 3_str	BOBJ1	51.4	After	Interior Girder 6	5.77	0.95	1	1	6.793896
Type 3_str	BOBJ1	51.4	After	Right Exterior Girder	5.77	0.95	1	1	6.001019
Type 3_str	BOBJ1	57.17	Before	Left Exterior Girder	11.54	0.95	1	1	8.641545
Type 3_str	BOBJ1	57.17	Before	Interior Girder 1	11.54	0.95	1	1	6.446039
Type 3_str	BOBJ1	57.17	Before	Interior Girder 2	11.54	0.95	1	1	5.576193
Type 3_str	BOBJ1	57.17	Before	Interior Girder 3	11.54	0.95	1	1	5.324681
Type 3_str	BOBJ1	57.17	Before	Interior Girder 4	11.54	0.95	1	1	5.324681
Type 3_str	BOBJ1	57.17	Before	Interior Girder 5	11.54	0.95	1	1	5.576193
Type 3_str	BOBJ1	57.17	Before	Interior Girder 6	11.54	0.95	1	1	6.446039
Type 3_str	BOBJ1	57.17	Before	Right Exterior Girder	11.54	0.95	1	1	8.641545
Type 3_str	BOBJ1	57.17	After	Left Exterior Girder	11.54	0.95	1	1	8.780792
Type 3_str	BOBJ1	57.17	After	Interior Girder 1	11.54	0.95	1	1	6.354644
Type 3_str	BOBJ1	57.17	After	Interior Girder 2	11.54	0.95	1	1	5.542195
Type 3_str	BOBJ1	57.17	After	Interior Girder 3	11.54	0.95	1	1	5.39508
Type 3_str	BOBJ1	57.17	After	Interior Girder 4	11.54	0.95	1	1	5.39508
Type 3_str	BOBJ1	57.17	After	Interior Girder 5	11.54	0.95	1	1	5.542195
Type 3_str	BOBJ1	57.17	After	Interior Girder 6	11.54	0.95	1	1	6.354644
Type 3_str	BOBJ1	57.17	After	Right Exterior Girder	11.54	0.95	1	1	8.780792
Type 3_str	BOBJ1	63.34	Before	Left Exterior Girder	17.71	0.95	1	1	4.28918
Type 3_str	BOBJ1	63.34	Before	Interior Girder 1	17.71	0.95	1	1	3.171051
Type 3_str	BOBJ1	63.34	Before	Interior Girder 2	17.71	0.95	1	1	2.957208
Type 3_str	BOBJ1	63.34	Before	Interior Girder 3	17.71	0.95	1	1	2.823688
Type 3_str	BOBJ1	63.34	Before	Interior Girder 4	17.71	0.95	1	1	2.823688
Type 3_str	BOBJ1	63.34	Before	Interior Girder 5	17.71	0.95	1	1	2.957208
Type 3_str	BOBJ1	63.34	Before	Interior Girder 6	17.71	0.95	1	1	3.171051
Type 3_str	BOBJ1	63.34	Before	Right Exterior Girder	17.71	0.95	1	1	4.28918
Type 3_str	BOBJ1	63.34	After	Left Exterior Girder	17.71	0.95	1	1	4.416214
Type 3_str	BOBJ1	63.34	After	Interior Girder 1	17.71	0.95	1	1	3.114518
Type 3_str	BOBJ1	63.34	After	Interior Girder 2	17.71	0.95	1	1	2.939337
Type 3_str	BOBJ1	63.34	After	Interior Girder 3	17.71	0.95	1	1	2.84873
Type 3_str	BOBJ1	63.34	After	Interior Girder 4	17.71	0.95	1	1	2.84873
Type 3_str	BOBJ1	63.34	After	Interior Girder 5	17.71	0.95	1	1	2.939337
Type 3_str	BOBJ1	63.34	After	Interior Girder 6	17.71	0.95	1	1	3.114518
Type 3_str	BOBJ1	63.34	After	Right Exterior Girder	17.71	0.95	1	1	4.416214
Type 3_str	BOBJ1	69.51	Before	Left Exterior Girder	23.88	0.95	1	1	2.736717
Type 3_str	BOBJ1	69.51	Before	Interior Girder 1	23.88	0.95	1	1	2.214202
Type 3_str	BOBJ1	69.51	Before	Interior Girder 2	23.88	0.95	1	1	2.13653
Type 3_str	BOBJ1	69.51	Before	Interior Girder 3	23.88	0.95	1	1	2.079101
Type 3_str	BOBJ1	69.51	Before	Interior Girder 4	23.88	0.95	1	1	2.079101
Type 3_str	BOBJ1	69.51	Before	Interior Girder 5	23.88	0.95	1	1	2.13653
Type 3_str	BOBJ1	69.51	Before	Interior Girder 6	23.88	0.95	1	1	2.214202
Type 3_str	BOBJ1	69.51	Before	Right Exterior Girder	23.88	0.95	1	1	2.736717
Type 3_str	BOBJ1	69.51	After	Left Exterior Girder	23.88	0.95	1	1	2.759847
Type 3_str	BOBJ1	69.51	After	Interior Girder 1	23.88	0.95	1	1	2.209106
Type 3_str	BOBJ1	69.51	After	Interior Girder 2	23.88	0.95	1	1	2.144265
Type 3_str	BOBJ1	69.51	After	Interior Girder 3	23.88	0.95	1	1	2.092189
Type 3_str	BOBJ1	69.51	After	Interior Girder 4	23.88	0.95	1	1	2.092189
Type 3_str	BOBJ1	69.51	After	Interior Girder 5	23.88	0.95	1	1	2.144265
Type 3_str	BOBJ1	69.51	After	Interior Girder 6	23.88	0.95	1	1	2.209106
Type 3_str	BOBJ1	69.51	After	Right Exterior Girder	23.88	0.95	1	1	2.759847
Type 3_str	BOBJ1	75.68	Before	Left Exterior Girder	30.05	0.95	1	1	2.085739
Type 3_str	BOBJ1	75.68	Before	Interior Girder 1	30.05	0.95	1	1	1.988205
Type 3_str	BOBJ1	75.68	Before	Interior Girder 2	30.05	0.95	1	1	1.953056
Type 3_str	BOBJ1	75.68	Before	Interior Girder 3	30.05	0.95	1	1	1.961351
Type 3_str	BOBJ1	75.68	Before	Interior Girder 4	30.05	0.95	1	1	1.961351
Type 3_str	BOBJ1	75.68	Before	Interior Girder 5	30.05	0.95	1	1	1.953056
Type 3_str	BOBJ1	75.68	Before	Interior Girder 6	30.05	0.95	1	1	1.988205
Type 3_str	BOBJ1	75.68	Before	Right Exterior Girder	30.05	0.95	1	1	2.085739

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelINonCompStrgth-Flx - Approach, Span 16-19									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Type 3_str	BOBJ1	75.68	After	Left Exterior Girder	30.05	0.95	1	1	2.100621
Type 3_str	BOBJ1	75.68	After	Interior Girder 1	30.05	0.95	1	1	1.980999
Type 3_str	BOBJ1	75.68	After	Interior Girder 2	30.05	0.95	1	1	1.947109
Type 3_str	BOBJ1	75.68	After	Interior Girder 3	30.05	0.95	1	1	1.957815
Type 3_str	BOBJ1	75.68	After	Interior Girder 4	30.05	0.95	1	1	1.957815
Type 3_str	BOBJ1	75.68	After	Interior Girder 5	30.05	0.95	1	1	1.947109
Type 3_str	BOBJ1	75.68	After	Interior Girder 6	30.05	0.95	1	1	1.980999
Type 3_str	BOBJ1	75.68	After	Right Exterior Girder	30.05	0.95	1	1	2.100621
Type 3_str	BOBJ1	81.8467	Before	Left Exterior Girder	36.2167	0.95	1	1	2.175767
Type 3_str	BOBJ1	81.8467	Before	Interior Girder 1	36.2167	0.95	1	1	1.846025
Type 3_str	BOBJ1	81.8467	Before	Interior Girder 2	36.2167	0.95	1	1	1.82401
Type 3_str	BOBJ1	81.8467	Before	Interior Girder 3	36.2167	0.95	1	1	1.787636
Type 3_str	BOBJ1	81.8467	Before	Interior Girder 4	36.2167	0.95	1	1	1.787636
Type 3_str	BOBJ1	81.8467	Before	Interior Girder 5	36.2167	0.95	1	1	1.82401
Type 3_str	BOBJ1	81.8467	Before	Interior Girder 6	36.2167	0.95	1	1	1.846025
Type 3_str	BOBJ1	81.8467	Before	Right Exterior Girder	36.2167	0.95	1	1	2.175767
Type 3_str	BOBJ1	81.8467	After	Left Exterior Girder	36.2167	0.95	1	1	2.181833
Type 3_str	BOBJ1	81.8467	After	Interior Girder 1	36.2167	0.95	1	1	1.839708
Type 3_str	BOBJ1	81.8467	After	Interior Girder 2	36.2167	0.95	1	1	1.815678
Type 3_str	BOBJ1	81.8467	After	Interior Girder 3	36.2167	0.95	1	1	1.781428
Type 3_str	BOBJ1	81.8467	After	Interior Girder 4	36.2167	0.95	1	1	1.781428
Type 3_str	BOBJ1	81.8467	After	Interior Girder 5	36.2167	0.95	1	1	1.815678
Type 3_str	BOBJ1	81.8467	After	Interior Girder 6	36.2167	0.95	1	1	1.839708
Type 3_str	BOBJ1	81.8467	After	Right Exterior Girder	36.2167	0.95	1	1	2.181833
Type 3_str	BOBJ1	88.0133	Before	Left Exterior Girder	42.3833	0.95	1	1	2.611041
Type 3_str	BOBJ1	88.0133	Before	Interior Girder 1	42.3833	0.95	1	1	2.108799
Type 3_str	BOBJ1	88.0133	Before	Interior Girder 2	42.3833	0.95	1	1	2.057523
Type 3_str	BOBJ1	88.0133	Before	Interior Girder 3	42.3833	0.95	1	1	2.015954
Type 3_str	BOBJ1	88.0133	Before	Interior Girder 4	42.3833	0.95	1	1	2.015954
Type 3_str	BOBJ1	88.0133	Before	Interior Girder 5	42.3833	0.95	1	1	2.057523
Type 3_str	BOBJ1	88.0133	Before	Interior Girder 6	42.3833	0.95	1	1	2.108799
Type 3_str	BOBJ1	88.0133	Before	Right Exterior Girder	42.3833	0.95	1	1	2.611041
Type 3_str	BOBJ1	88.0133	After	Left Exterior Girder	42.3833	0.95	1	1	2.556811
Type 3_str	BOBJ1	88.0133	After	Interior Girder 1	42.3833	0.95	1	1	2.137167
Type 3_str	BOBJ1	88.0133	After	Interior Girder 2	42.3833	0.95	1	1	2.073196
Type 3_str	BOBJ1	88.0133	After	Interior Girder 3	42.3833	0.95	1	1	2.012039
Type 3_str	BOBJ1	88.0133	After	Interior Girder 4	42.3833	0.95	1	1	2.012039
Type 3_str	BOBJ1	88.0133	After	Interior Girder 5	42.3833	0.95	1	1	2.073196
Type 3_str	BOBJ1	88.0133	After	Interior Girder 6	42.3833	0.95	1	1	2.137167
Type 3_str	BOBJ1	88.0133	After	Right Exterior Girder	42.3833	0.95	1	1	2.556811
Type 3_str	BOBJ1	94.18	Before	Left Exterior Girder	48.55	0.95	1	1	3.576889
Type 3_str	BOBJ1	94.18	Before	Interior Girder 1	48.55	0.95	1	1	3.134757
Type 3_str	BOBJ1	94.18	Before	Interior Girder 2	48.55	0.95	1	1	2.912034
Type 3_str	BOBJ1	94.18	Before	Interior Girder 3	48.55	0.95	1	1	2.872406
Type 3_str	BOBJ1	94.18	Before	Interior Girder 4	48.55	0.95	1	1	2.872406
Type 3_str	BOBJ1	94.18	Before	Interior Girder 5	48.55	0.95	1	1	2.912034
Type 3_str	BOBJ1	94.18	Before	Interior Girder 6	48.55	0.95	1	1	3.134757
Type 3_str	BOBJ1	94.18	Before	Right Exterior Girder	48.55	0.95	1	1	3.576889
Type 3_str	BOBJ1	94.18	After	Left Exterior Girder	48.55	0.95	1	1	3.498583
Type 3_str	BOBJ1	94.18	After	Interior Girder 1	48.55	0.95	1	1	3.173685
Type 3_str	BOBJ1	94.18	After	Interior Girder 2	48.55	0.95	1	1	2.925641
Type 3_str	BOBJ1	94.18	After	Interior Girder 3	48.55	0.95	1	1	2.851908
Type 3_str	BOBJ1	94.18	After	Interior Girder 4	48.55	0.95	1	1	2.851908
Type 3_str	BOBJ1	94.18	After	Interior Girder 5	48.55	0.95	1	1	2.925641
Type 3_str	BOBJ1	94.18	After	Interior Girder 6	48.55	0.95	1	1	3.173685
Type 3_str	BOBJ1	94.18	After	Right Exterior Girder	48.55	0.95	1	1	3.498583
Type 3_str	BOBJ1	100.3567	Before	Left Exterior Girder	54.7267	0.95	1	1	7.106471
Type 3_str	BOBJ1	100.3567	Before	Interior Girder 1	54.7267	0.95	1	1	4.966819
Type 3_str	BOBJ1	100.3567	Before	Interior Girder 2	54.7267	0.95	1	1	4.533249
Type 3_str	BOBJ1	100.3567	Before	Interior Girder 3	54.7267	0.95	1	1	4.356228
Type 3_str	BOBJ1	100.3567	Before	Interior Girder 4	54.7267	0.95	1	1	4.356228
Type 3_str	BOBJ1	100.3567	Before	Interior Girder 5	54.7267	0.95	1	1	4.533249
Type 3_str	BOBJ1	100.3567	Before	Interior Girder 6	54.7267	0.95	1	1	4.966819
Type 3_str	BOBJ1	100.3567	Before	Right Exterior Girder	54.7267	0.95	1	1	7.106471
Type 3_str	BOBJ1	100.3567	After	Left Exterior Girder	54.7267	0.95	1	1	7.223354

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelINonCompStrgth-Flx - Approach, Span 16-19									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Type 3_str	BOBJ1	100.3567	After	Interior Girder 1	54.7267	0.95	1	1	4.981896
Type 3_str	BOBJ1	100.3567	After	Interior Girder 2	54.7267	0.95	1	1	4.516306
Type 3_str	BOBJ1	100.3567	After	Interior Girder 3	54.7267	0.95	1	1	4.239253
Type 3_str	BOBJ1	100.3567	After	Interior Girder 4	54.7267	0.95	1	1	4.239253
Type 3_str	BOBJ1	100.3567	After	Interior Girder 5	54.7267	0.95	1	1	4.516306
Type 3_str	BOBJ1	100.3567	After	Interior Girder 6	54.7267	0.95	1	1	4.981896
Type 3_str	BOBJ1	100.3567	After	Right Exterior Girder	54.7267	0.95	1	1	7.223354
Type 3_str	BOBJ1	106.5333	Before	Left Exterior Girder	60.9033	0.95	1	1	4.425321
Type 3_str	BOBJ1	106.5333	Before	Interior Girder 1	60.9033	0.95	1	1	5.923951
Type 3_str	BOBJ1	106.5333	Before	Interior Girder 2	60.9033	0.95	1	1	5.558578
Type 3_str	BOBJ1	106.5333	Before	Interior Girder 3	60.9033	0.95	1	1	5.221457
Type 3_str	BOBJ1	106.5333	Before	Interior Girder 4	60.9033	0.95	1	1	5.221457
Type 3_str	BOBJ1	106.5333	Before	Interior Girder 5	60.9033	0.95	1	1	5.558578
Type 3_str	BOBJ1	106.5333	Before	Interior Girder 6	60.9033	0.95	1	1	5.923951
Type 3_str	BOBJ1	106.5333	Before	Right Exterior Girder	60.9033	0.95	1	1	4.425321
Type 3_str	BOBJ1	106.5333	After	Left Exterior Girder	60.9033	0.95	1	1	4.553724
Type 3_str	BOBJ1	106.5333	After	Interior Girder 1	60.9033	0.95	1	1	5.76782
Type 3_str	BOBJ1	106.5333	After	Interior Girder 2	60.9033	0.95	1	1	5.438482
Type 3_str	BOBJ1	106.5333	After	Interior Girder 3	60.9033	0.95	1	1	5.109078
Type 3_str	BOBJ1	106.5333	After	Interior Girder 4	60.9033	0.95	1	1	5.109078
Type 3_str	BOBJ1	106.5333	After	Interior Girder 5	60.9033	0.95	1	1	5.438482
Type 3_str	BOBJ1	106.5333	After	Interior Girder 6	60.9033	0.95	1	1	5.76782
Type 3_str	BOBJ1	106.5333	After	Right Exterior Girder	60.9033	0.95	1	1	4.553724
Type 3_str	BOBJ1	108.2102	Before	Left Exterior Girder	62.5802	0.95	1	1	3.717515
Type 3_str	BOBJ1	108.2102	Before	Right Exterior Girder	62.5802	0.95	1	1	3.717515
Type 3_str	BOBJ1	108.2102	After	Left Exterior Girder	62.5802	0.95	1	1	5.764817
Type 3_str	BOBJ1	108.2102	After	Right Exterior Girder	62.5802	0.95	1	1	5.764817
Type 3_str	BOBJ1	112.71	Before	Left Exterior Girder	67.08	0.95	1	1	2.588222
Type 3_str	BOBJ1	112.71	Before	Interior Girder 1	67.08	0.95	1	1	2.518867
Type 3_str	BOBJ1	112.71	Before	Interior Girder 2	67.08	0.95	1	1	2.470489
Type 3_str	BOBJ1	112.71	Before	Interior Girder 3	67.08	0.95	1	1	2.069711
Type 3_str	BOBJ1	112.71	Before	Interior Girder 4	67.08	0.95	1	1	2.069711
Type 3_str	BOBJ1	112.71	Before	Interior Girder 5	67.08	0.95	1	1	2.470489
Type 3_str	BOBJ1	112.71	Before	Interior Girder 6	67.08	0.95	1	1	2.518867
Type 3_str	BOBJ1	112.71	Before	Right Exterior Girder	67.08	0.95	1	1	2.588222
Type 3_str	BOBJ1	112.71	After	Left Exterior Girder	0	0.95	1	1	2.577251
Type 3_str	BOBJ1	112.71	After	Interior Girder 1	0	0.95	1	1	2.891807
Type 3_str	BOBJ1	112.71	After	Interior Girder 2	0	0.95	1	1	2.687025
Type 3_str	BOBJ1	112.71	After	Interior Girder 3	0	0.95	1	1	2.260288
Type 3_str	BOBJ1	112.71	After	Interior Girder 4	0	0.95	1	1	2.260288
Type 3_str	BOBJ1	112.71	After	Interior Girder 5	0	0.95	1	1	2.687025
Type 3_str	BOBJ1	112.71	After	Interior Girder 6	0	0.95	1	1	2.891807
Type 3_str	BOBJ1	112.71	After	Right Exterior Girder	0	0.95	1	1	2.577251
Type 3_str	BOBJ1	117.21	Before	Left Exterior Girder	4.5	0.95	1	1	3.911123
Type 3_str	BOBJ1	117.21	Before	Right Exterior Girder	4.5	0.95	1	1	3.911123
Type 3_str	BOBJ1	117.21	After	Left Exterior Girder	4.5	0.95	1	1	2.4975
Type 3_str	BOBJ1	117.21	After	Right Exterior Girder	4.5	0.95	1	1	2.4975
Type 3_str	BOBJ1	119.1	Before	Left Exterior Girder	6.39	0.95	1	1	3.08651
Type 3_str	BOBJ1	119.1	Before	Interior Girder 1	6.39	0.95	1	1	4.255271
Type 3_str	BOBJ1	119.1	Before	Interior Girder 2	6.39	0.95	1	1	4.205124
Type 3_str	BOBJ1	119.1	Before	Interior Girder 3	6.39	0.95	1	1	4.067732
Type 3_str	BOBJ1	119.1	Before	Interior Girder 4	6.39	0.95	1	1	4.067732
Type 3_str	BOBJ1	119.1	Before	Interior Girder 5	6.39	0.95	1	1	4.205124
Type 3_str	BOBJ1	119.1	Before	Interior Girder 6	6.39	0.95	1	1	4.255271
Type 3_str	BOBJ1	119.1	Before	Right Exterior Girder	6.39	0.95	1	1	3.08651
Type 3_str	BOBJ1	119.1	After	Left Exterior Girder	6.39	0.95	1	1	3.018983
Type 3_str	BOBJ1	119.1	After	Interior Girder 1	6.39	0.95	1	1	4.332583
Type 3_str	BOBJ1	119.1	After	Interior Girder 2	6.39	0.95	1	1	4.26547
Type 3_str	BOBJ1	119.1	After	Interior Girder 3	6.39	0.95	1	1	4.094015
Type 3_str	BOBJ1	119.1	After	Interior Girder 4	6.39	0.95	1	1	4.094015
Type 3_str	BOBJ1	119.1	After	Interior Girder 5	6.39	0.95	1	1	4.26547
Type 3_str	BOBJ1	119.1	After	Interior Girder 6	6.39	0.95	1	1	4.332583
Type 3_str	BOBJ1	119.1	After	Right Exterior Girder	6.39	0.95	1	1	3.018983
Type 3_str	BOBJ1	125.49	Before	Left Exterior Girder	12.78	0.95	1	1	4.972241
Type 3_str	BOBJ1	125.49	Before	Interior Girder 1	12.78	0.95	1	1	4.813718

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelINonCompStrgth-Flx - Approach, Span 16-19									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Type 3_str	BOBJ1	125.49	Before	Interior Girder 2	12.78	0.95	1	1	4.378198
Type 3_str	BOBJ1	125.49	Before	Interior Girder 3	12.78	0.95	1	1	4.166002
Type 3_str	BOBJ1	125.49	Before	Interior Girder 4	12.78	0.95	1	1	4.166002
Type 3_str	BOBJ1	125.49	Before	Interior Girder 5	12.78	0.95	1	1	4.378198
Type 3_str	BOBJ1	125.49	Before	Interior Girder 6	12.78	0.95	1	1	4.813718
Type 3_str	BOBJ1	125.49	Before	Right Exterior Girder	12.78	0.95	1	1	4.972241
Type 3_str	BOBJ1	125.49	After	Left Exterior Girder	12.78	0.95	1	1	4.906523
Type 3_str	BOBJ1	125.49	After	Interior Girder 1	12.78	0.95	1	1	4.822609
Type 3_str	BOBJ1	125.49	After	Interior Girder 2	12.78	0.95	1	1	4.422178
Type 3_str	BOBJ1	125.49	After	Interior Girder 3	12.78	0.95	1	1	4.284054
Type 3_str	BOBJ1	125.49	After	Interior Girder 4	12.78	0.95	1	1	4.284054
Type 3_str	BOBJ1	125.49	After	Interior Girder 5	12.78	0.95	1	1	4.422178
Type 3_str	BOBJ1	125.49	After	Interior Girder 6	12.78	0.95	1	1	4.822609
Type 3_str	BOBJ1	125.49	After	Right Exterior Girder	12.78	0.95	1	1	4.906523
Type 3_str	BOBJ1	131.88	Before	Left Exterior Girder	19.17	0.95	1	1	3.849977
Type 3_str	BOBJ1	131.88	Before	Interior Girder 1	19.17	0.95	1	1	3.50174
Type 3_str	BOBJ1	131.88	Before	Interior Girder 2	19.17	0.95	1	1	3.197819
Type 3_str	BOBJ1	131.88	Before	Interior Girder 3	19.17	0.95	1	1	3.085716
Type 3_str	BOBJ1	131.88	Before	Interior Girder 4	19.17	0.95	1	1	3.085716
Type 3_str	BOBJ1	131.88	Before	Interior Girder 5	19.17	0.95	1	1	3.197819
Type 3_str	BOBJ1	131.88	Before	Interior Girder 6	19.17	0.95	1	1	3.50174
Type 3_str	BOBJ1	131.88	Before	Right Exterior Girder	19.17	0.95	1	1	3.849977
Type 3_str	BOBJ1	131.88	After	Left Exterior Girder	19.17	0.95	1	1	3.888593
Type 3_str	BOBJ1	131.88	After	Interior Girder 1	19.17	0.95	1	1	3.478
Type 3_str	BOBJ1	131.88	After	Interior Girder 2	19.17	0.95	1	1	3.19024
Type 3_str	BOBJ1	131.88	After	Interior Girder 3	19.17	0.95	1	1	3.103731
Type 3_str	BOBJ1	131.88	After	Interior Girder 4	19.17	0.95	1	1	3.103731
Type 3_str	BOBJ1	131.88	After	Interior Girder 5	19.17	0.95	1	1	3.19024
Type 3_str	BOBJ1	131.88	After	Interior Girder 6	19.17	0.95	1	1	3.478
Type 3_str	BOBJ1	131.88	After	Right Exterior Girder	19.17	0.95	1	1	3.888593
Type 3_str	BOBJ1	138.27	Before	Left Exterior Girder	25.56	0.95	1	1	3.404769
Type 3_str	BOBJ1	138.27	Before	Interior Girder 1	25.56	0.95	1	1	2.716325
Type 3_str	BOBJ1	138.27	Before	Interior Girder 2	25.56	0.95	1	1	2.570951
Type 3_str	BOBJ1	138.27	Before	Interior Girder 3	25.56	0.95	1	1	2.44466
Type 3_str	BOBJ1	138.27	Before	Interior Girder 4	25.56	0.95	1	1	2.44466
Type 3_str	BOBJ1	138.27	Before	Interior Girder 5	25.56	0.95	1	1	2.570951
Type 3_str	BOBJ1	138.27	Before	Interior Girder 6	25.56	0.95	1	1	2.716325
Type 3_str	BOBJ1	138.27	Before	Right Exterior Girder	25.56	0.95	1	1	3.404769
Type 3_str	BOBJ1	138.27	After	Left Exterior Girder	25.56	0.95	1	1	3.44736
Type 3_str	BOBJ1	138.27	After	Interior Girder 1	25.56	0.95	1	1	2.695274
Type 3_str	BOBJ1	138.27	After	Interior Girder 2	25.56	0.95	1	1	2.556595
Type 3_str	BOBJ1	138.27	After	Interior Girder 3	25.56	0.95	1	1	2.443868
Type 3_str	BOBJ1	138.27	After	Interior Girder 4	25.56	0.95	1	1	2.443868
Type 3_str	BOBJ1	138.27	After	Interior Girder 5	25.56	0.95	1	1	2.556595
Type 3_str	BOBJ1	138.27	After	Interior Girder 6	25.56	0.95	1	1	2.695274
Type 3_str	BOBJ1	138.27	After	Right Exterior Girder	25.56	0.95	1	1	3.44736
Type 3_str	BOBJ1	144.66	Before	Left Exterior Girder	31.95	0.95	1	1	3.524228
Type 3_str	BOBJ1	144.66	Before	Interior Girder 1	31.95	0.95	1	1	2.720722
Type 3_str	BOBJ1	144.66	Before	Interior Girder 2	31.95	0.95	1	1	2.579764
Type 3_str	BOBJ1	144.66	Before	Interior Girder 3	31.95	0.95	1	1	2.465852
Type 3_str	BOBJ1	144.66	Before	Interior Girder 4	31.95	0.95	1	1	2.465852
Type 3_str	BOBJ1	144.66	Before	Interior Girder 5	31.95	0.95	1	1	2.579764
Type 3_str	BOBJ1	144.66	Before	Interior Girder 6	31.95	0.95	1	1	2.720722
Type 3_str	BOBJ1	144.66	Before	Right Exterior Girder	31.95	0.95	1	1	3.524228
Type 3_str	BOBJ1	144.66	After	Left Exterior Girder	31.95	0.95	1	1	3.472889
Type 3_str	BOBJ1	144.66	After	Interior Girder 1	31.95	0.95	1	1	2.747424
Type 3_str	BOBJ1	144.66	After	Interior Girder 2	31.95	0.95	1	1	2.593274
Type 3_str	BOBJ1	144.66	After	Interior Girder 3	31.95	0.95	1	1	2.463043
Type 3_str	BOBJ1	144.66	After	Interior Girder 4	31.95	0.95	1	1	2.463043
Type 3_str	BOBJ1	144.66	After	Interior Girder 5	31.95	0.95	1	1	2.593274
Type 3_str	BOBJ1	144.66	After	Interior Girder 6	31.95	0.95	1	1	2.747424
Type 3_str	BOBJ1	144.66	After	Right Exterior Girder	31.95	0.95	1	1	3.472889
Type 3_str	BOBJ1	151.05	Before	Left Exterior Girder	38.34	0.95	1	1	4.151241
Type 3_str	BOBJ1	151.05	Before	Interior Girder 1	38.34	0.95	1	1	3.58649
Type 3_str	BOBJ1	151.05	Before	Interior Girder 2	38.34	0.95	1	1	3.278754

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelINonCompStrgth-Flx - Approach, Span 16-19									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Type 3_str	BOBJ1	151.05	Before	Interior Girder 3	38.34	0.95	1	1	3.181086
Type 3_str	BOBJ1	151.05	Before	Interior Girder 4	38.34	0.95	1	1	3.181086
Type 3_str	BOBJ1	151.05	Before	Interior Girder 5	38.34	0.95	1	1	3.278754
Type 3_str	BOBJ1	151.05	Before	Interior Girder 6	38.34	0.95	1	1	3.58649
Type 3_str	BOBJ1	151.05	Before	Right Exterior Girder	38.34	0.95	1	1	4.151241
Type 3_str	BOBJ1	151.05	After	Left Exterior Girder	38.34	0.95	1	1	4.09914
Type 3_str	BOBJ1	151.05	After	Interior Girder 1	38.34	0.95	1	1	3.619638
Type 3_str	BOBJ1	151.05	After	Interior Girder 2	38.34	0.95	1	1	3.285977
Type 3_str	BOBJ1	151.05	After	Interior Girder 3	38.34	0.95	1	1	3.156889
Type 3_str	BOBJ1	151.05	After	Interior Girder 4	38.34	0.95	1	1	3.156889
Type 3_str	BOBJ1	151.05	After	Interior Girder 5	38.34	0.95	1	1	3.285977
Type 3_str	BOBJ1	151.05	After	Interior Girder 6	38.34	0.95	1	1	3.619638
Type 3_str	BOBJ1	151.05	After	Right Exterior Girder	38.34	0.95	1	1	4.09914
Type 3_str	BOBJ1	157.4367	Before	Left Exterior Girder	44.7267	0.95	1	1	4.954842
Type 3_str	BOBJ1	157.4367	Before	Interior Girder 1	44.7267	0.95	1	1	5.101356
Type 3_str	BOBJ1	157.4367	Before	Interior Girder 2	44.7267	0.95	1	1	4.645212
Type 3_str	BOBJ1	157.4367	Before	Interior Girder 3	44.7267	0.95	1	1	4.471025
Type 3_str	BOBJ1	157.4367	Before	Interior Girder 4	44.7267	0.95	1	1	4.471025
Type 3_str	BOBJ1	157.4367	Before	Interior Girder 5	44.7267	0.95	1	1	4.645212
Type 3_str	BOBJ1	157.4367	Before	Interior Girder 6	44.7267	0.95	1	1	5.101356
Type 3_str	BOBJ1	157.4367	Before	Right Exterior Girder	44.7267	0.95	1	1	4.954842
Type 3_str	BOBJ1	157.4367	After	Left Exterior Girder	44.7267	0.95	1	1	5.011203
Type 3_str	BOBJ1	157.4367	After	Interior Girder 1	44.7267	0.95	1	1	5.109902
Type 3_str	BOBJ1	157.4367	After	Interior Girder 2	44.7267	0.95	1	1	4.642088
Type 3_str	BOBJ1	157.4367	After	Interior Girder 3	44.7267	0.95	1	1	4.422131
Type 3_str	BOBJ1	157.4367	After	Interior Girder 4	44.7267	0.95	1	1	4.422131
Type 3_str	BOBJ1	157.4367	After	Interior Girder 5	44.7267	0.95	1	1	4.642088
Type 3_str	BOBJ1	157.4367	After	Interior Girder 6	44.7267	0.95	1	1	5.109902
Type 3_str	BOBJ1	157.4367	After	Right Exterior Girder	44.7267	0.95	1	1	5.011203
Type 3_str	BOBJ1	158.71	Before	Left Exterior Girder	46	0.95	1	1	4.559429
Type 3_str	BOBJ1	158.71	Before	Interior Girder 1	46	0.95	1	1	4.890002
Type 3_str	BOBJ1	158.71	Before	Interior Girder 2	46	0.95	1	1	4.76182
Type 3_str	BOBJ1	158.71	Before	Interior Girder 3	46	0.95	1	1	4.737638
Type 3_str	BOBJ1	158.71	Before	Interior Girder 4	46	0.95	1	1	4.737638
Type 3_str	BOBJ1	158.71	Before	Interior Girder 5	46	0.95	1	1	4.76182
Type 3_str	BOBJ1	158.71	Before	Interior Girder 6	46	0.95	1	1	4.890002
Type 3_str	BOBJ1	158.71	Before	Right Exterior Girder	46	0.95	1	1	4.559429
Type 3_str	BOBJ1	158.71	After	Left Exterior Girder	46	0.95	1	1	6.311711
Type 3_str	BOBJ1	158.71	After	Interior Girder 1	46	0.95	1	1	6.155749
Type 3_str	BOBJ1	158.71	After	Interior Girder 2	46	0.95	1	1	5.974106
Type 3_str	BOBJ1	158.71	After	Interior Girder 3	46	0.95	1	1	5.896111
Type 3_str	BOBJ1	158.71	After	Interior Girder 4	46	0.95	1	1	5.896111
Type 3_str	BOBJ1	158.71	After	Interior Girder 5	46	0.95	1	1	5.974106
Type 3_str	BOBJ1	158.71	After	Interior Girder 6	46	0.95	1	1	6.155749
Type 3_str	BOBJ1	158.71	After	Right Exterior Girder	46	0.95	1	1	6.311711
Type 3_str	BOBJ1	163.8233	Before	Left Exterior Girder	51.1133	0.95	1	1	4.459103
Type 3_str	BOBJ1	163.8233	Before	Interior Girder 1	51.1133	0.95	1	1	4.74545
Type 3_str	BOBJ1	163.8233	Before	Interior Girder 2	51.1133	0.95	1	1	4.55396
Type 3_str	BOBJ1	163.8233	Before	Interior Girder 3	51.1133	0.95	1	1	4.294654
Type 3_str	BOBJ1	163.8233	Before	Interior Girder 4	51.1133	0.95	1	1	4.294654
Type 3_str	BOBJ1	163.8233	Before	Interior Girder 5	51.1133	0.95	1	1	4.55396
Type 3_str	BOBJ1	163.8233	Before	Interior Girder 6	51.1133	0.95	1	1	4.74545
Type 3_str	BOBJ1	163.8233	Before	Right Exterior Girder	51.1133	0.95	1	1	4.459103
Type 3_str	BOBJ1	163.8233	After	Left Exterior Girder	51.1133	0.95	1	1	4.540525
Type 3_str	BOBJ1	163.8233	After	Interior Girder 1	51.1133	0.95	1	1	4.629505
Type 3_str	BOBJ1	163.8233	After	Interior Girder 2	51.1133	0.95	1	1	4.463602
Type 3_str	BOBJ1	163.8233	After	Interior Girder 3	51.1133	0.95	1	1	4.218
Type 3_str	BOBJ1	163.8233	After	Interior Girder 4	51.1133	0.95	1	1	4.218
Type 3_str	BOBJ1	163.8233	After	Interior Girder 5	51.1133	0.95	1	1	4.463602
Type 3_str	BOBJ1	163.8233	After	Interior Girder 6	51.1133	0.95	1	1	4.629505
Type 3_str	BOBJ1	163.8233	After	Right Exterior Girder	51.1133	0.95	1	1	4.540525
Type 3_str	BOBJ1	164.71	Before	Left Exterior Girder	52	0.95	1	1	4.214173
Type 3_str	BOBJ1	164.71	Before	Right Exterior Girder	52	0.95	1	1	4.214173
Type 3_str	BOBJ1	164.71	After	Left Exterior Girder	52	0.95	1	1	6.636279
Type 3_str	BOBJ1	164.71	After	Right Exterior Girder	52	0.95	1	1	6.636279

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelINonCompStrgth-Flx - Approach, Span 16-19									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Type 3_str	BOBJ1	170.21	Before	Left Exterior Girder	57.5	0.95	1	1	4.589159
Type 3_str	BOBJ1	170.21	Before	Interior Girder 1	57.5	0.95	1	1	2.855017
Type 3_str	BOBJ1	170.21	Before	Interior Girder 2	57.5	0.95	1	1	2.696038
Type 3_str	BOBJ1	170.21	Before	Interior Girder 3	57.5	0.95	1	1	2.154607
Type 3_str	BOBJ1	170.21	Before	Interior Girder 4	57.5	0.95	1	1	2.154607
Type 3_str	BOBJ1	170.21	Before	Interior Girder 5	57.5	0.95	1	1	2.696038
Type 3_str	BOBJ1	170.21	Before	Interior Girder 6	57.5	0.95	1	1	2.855017
Type 3_str	BOBJ1	170.21	Before	Right Exterior Girder	57.5	0.95	1	1	4.589159
Type 3_str	BOBJ1	170.21	After	Left Exterior Girder	0	0.95	1	1	4.668777
Type 3_str	BOBJ1	170.21	After	Interior Girder 1	0	0.95	1	1	3.642857
Type 3_str	BOBJ1	170.21	After	Interior Girder 2	0	0.95	1	1	3.452667
Type 3_str	BOBJ1	170.21	After	Interior Girder 3	0	0.95	1	1	2.853091
Type 3_str	BOBJ1	170.21	After	Interior Girder 4	0	0.95	1	1	2.853091
Type 3_str	BOBJ1	170.21	After	Interior Girder 5	0	0.95	1	1	3.452667
Type 3_str	BOBJ1	170.21	After	Interior Girder 6	0	0.95	1	1	3.642857
Type 3_str	BOBJ1	170.21	After	Right Exterior Girder	0	0.95	1	1	4.668777
Type 3_str	BOBJ1	176.21	Before	Left Exterior Girder	6	0.95	1	1	7.956853
Type 3_str	BOBJ1	176.21	Before	Right Exterior Girder	6	0.95	1	1	7.956853
Type 3_str	BOBJ1	176.21	After	Left Exterior Girder	6	0.95	1	1	5.193781
Type 3_str	BOBJ1	176.21	After	Right Exterior Girder	6	0.95	1	1	5.193781
Type 3_str	BOBJ1	176.6	Before	Left Exterior Girder	6.39	0.95	1	1	5.376963
Type 3_str	BOBJ1	176.6	Before	Interior Girder 1	6.39	0.95	1	1	6.499823
Type 3_str	BOBJ1	176.6	Before	Interior Girder 2	6.39	0.95	1	1	6.091319
Type 3_str	BOBJ1	176.6	Before	Interior Girder 3	6.39	0.95	1	1	5.759641
Type 3_str	BOBJ1	176.6	Before	Interior Girder 4	6.39	0.95	1	1	5.759641
Type 3_str	BOBJ1	176.6	Before	Interior Girder 5	6.39	0.95	1	1	6.091319
Type 3_str	BOBJ1	176.6	Before	Interior Girder 6	6.39	0.95	1	1	6.499823
Type 3_str	BOBJ1	176.6	Before	Right Exterior Girder	6.39	0.95	1	1	5.376963
Type 3_str	BOBJ1	176.6	After	Left Exterior Girder	6.39	0.95	1	1	5.235879
Type 3_str	BOBJ1	176.6	After	Interior Girder 1	6.39	0.95	1	1	6.662982
Type 3_str	BOBJ1	176.6	After	Interior Girder 2	6.39	0.95	1	1	6.233691
Type 3_str	BOBJ1	176.6	After	Interior Girder 3	6.39	0.95	1	1	5.88581
Type 3_str	BOBJ1	176.6	After	Interior Girder 4	6.39	0.95	1	1	5.88581
Type 3_str	BOBJ1	176.6	After	Interior Girder 5	6.39	0.95	1	1	6.233691
Type 3_str	BOBJ1	176.6	After	Interior Girder 6	6.39	0.95	1	1	6.662982
Type 3_str	BOBJ1	176.6	After	Right Exterior Girder	6.39	0.95	1	1	5.235879
Type 3_str	BOBJ1	182.99	Before	Left Exterior Girder	12.78	0.95	1	1	7.933355
Type 3_str	BOBJ1	182.99	Before	Interior Girder 1	12.78	0.95	1	1	5.353116
Type 3_str	BOBJ1	182.99	Before	Interior Girder 2	12.78	0.95	1	1	4.854261
Type 3_str	BOBJ1	182.99	Before	Interior Girder 3	12.78	0.95	1	1	4.655668
Type 3_str	BOBJ1	182.99	Before	Interior Girder 4	12.78	0.95	1	1	4.655668
Type 3_str	BOBJ1	182.99	Before	Interior Girder 5	12.78	0.95	1	1	4.854261
Type 3_str	BOBJ1	182.99	Before	Interior Girder 6	12.78	0.95	1	1	5.353116
Type 3_str	BOBJ1	182.99	Before	Right Exterior Girder	12.78	0.95	1	1	7.933355
Type 3_str	BOBJ1	182.99	After	Left Exterior Girder	12.78	0.95	1	1	7.840526
Type 3_str	BOBJ1	182.99	After	Interior Girder 1	12.78	0.95	1	1	5.349435
Type 3_str	BOBJ1	182.99	After	Interior Girder 2	12.78	0.95	1	1	4.901577
Type 3_str	BOBJ1	182.99	After	Interior Girder 3	12.78	0.95	1	1	4.806945
Type 3_str	BOBJ1	182.99	After	Interior Girder 4	12.78	0.95	1	1	4.806945
Type 3_str	BOBJ1	182.99	After	Interior Girder 5	12.78	0.95	1	1	4.901577
Type 3_str	BOBJ1	182.99	After	Interior Girder 6	12.78	0.95	1	1	5.349435
Type 3_str	BOBJ1	182.99	After	Right Exterior Girder	12.78	0.95	1	1	7.840526
Type 3_str	BOBJ1	189.38	Before	Left Exterior Girder	19.17	0.95	1	1	4.106997
Type 3_str	BOBJ1	189.38	Before	Interior Girder 1	19.17	0.95	1	1	3.499437
Type 3_str	BOBJ1	189.38	Before	Interior Girder 2	19.17	0.95	1	1	3.213186
Type 3_str	BOBJ1	189.38	Before	Interior Girder 3	19.17	0.95	1	1	3.133172
Type 3_str	BOBJ1	189.38	Before	Interior Girder 4	19.17	0.95	1	1	3.133172
Type 3_str	BOBJ1	189.38	Before	Interior Girder 5	19.17	0.95	1	1	3.213186
Type 3_str	BOBJ1	189.38	Before	Interior Girder 6	19.17	0.95	1	1	3.499437
Type 3_str	BOBJ1	189.38	Before	Right Exterior Girder	19.17	0.95	1	1	4.106997
Type 3_str	BOBJ1	189.38	After	Left Exterior Girder	19.17	0.95	1	1	4.177313
Type 3_str	BOBJ1	189.38	After	Interior Girder 1	19.17	0.95	1	1	3.458383
Type 3_str	BOBJ1	189.38	After	Interior Girder 2	19.17	0.95	1	1	3.204811
Type 3_str	BOBJ1	189.38	After	Interior Girder 3	19.17	0.95	1	1	3.158418
Type 3_str	BOBJ1	189.38	After	Interior Girder 4	19.17	0.95	1	1	3.158418

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelINonCompStrgth-Flx - Approach, Span 16-19									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Type 3_str	BOBJ1	189.38	After	Interior Girder 5	19.17	0.95	1	1	3.204811
Type 3_str	BOBJ1	189.38	After	Interior Girder 6	19.17	0.95	1	1	3.458383
Type 3_str	BOBJ1	189.38	After	Right Exterior Girder	19.17	0.95	1	1	4.177313
Type 3_str	BOBJ1	195.77	Before	Left Exterior Girder	25.56	0.95	1	1	3.114098
Type 3_str	BOBJ1	195.77	Before	Interior Girder 1	25.56	0.95	1	1	2.414581
Type 3_str	BOBJ1	195.77	Before	Interior Girder 2	25.56	0.95	1	1	2.318464
Type 3_str	BOBJ1	195.77	Before	Interior Girder 3	25.56	0.95	1	1	2.245225
Type 3_str	BOBJ1	195.77	Before	Interior Girder 4	25.56	0.95	1	1	2.245225
Type 3_str	BOBJ1	195.77	Before	Interior Girder 5	25.56	0.95	1	1	2.318464
Type 3_str	BOBJ1	195.77	Before	Interior Girder 6	25.56	0.95	1	1	2.414581
Type 3_str	BOBJ1	195.77	Before	Right Exterior Girder	25.56	0.95	1	1	3.114098
Type 3_str	BOBJ1	195.77	After	Left Exterior Girder	25.56	0.95	1	1	3.164844
Type 3_str	BOBJ1	195.77	After	Interior Girder 1	25.56	0.95	1	1	2.383363
Type 3_str	BOBJ1	195.77	After	Interior Girder 2	25.56	0.95	1	1	2.306101
Type 3_str	BOBJ1	195.77	After	Interior Girder 3	25.56	0.95	1	1	2.251255
Type 3_str	BOBJ1	195.77	After	Interior Girder 4	25.56	0.95	1	1	2.251255
Type 3_str	BOBJ1	195.77	After	Interior Girder 5	25.56	0.95	1	1	2.306101
Type 3_str	BOBJ1	195.77	After	Interior Girder 6	25.56	0.95	1	1	2.383363
Type 3_str	BOBJ1	195.77	After	Right Exterior Girder	25.56	0.95	1	1	3.164844
Type 3_str	BOBJ1	202.16	Before	Left Exterior Girder	31.95	0.95	1	1	2.733163
Type 3_str	BOBJ1	202.16	Before	Interior Girder 1	31.95	0.95	1	1	2.120355
Type 3_str	BOBJ1	202.16	Before	Interior Girder 2	31.95	0.95	1	1	2.066656
Type 3_str	BOBJ1	202.16	Before	Interior Girder 3	31.95	0.95	1	1	2.013324
Type 3_str	BOBJ1	202.16	Before	Interior Girder 4	31.95	0.95	1	1	2.013324
Type 3_str	BOBJ1	202.16	Before	Interior Girder 5	31.95	0.95	1	1	2.066656
Type 3_str	BOBJ1	202.16	Before	Interior Girder 6	31.95	0.95	1	1	2.120355
Type 3_str	BOBJ1	202.16	Before	Right Exterior Girder	31.95	0.95	1	1	2.733163
Type 3_str	BOBJ1	202.16	After	Left Exterior Girder	31.95	0.95	1	1	2.713266
Type 3_str	BOBJ1	202.16	After	Interior Girder 1	31.95	0.95	1	1	2.128835
Type 3_str	BOBJ1	202.16	After	Interior Girder 2	31.95	0.95	1	1	2.078593
Type 3_str	BOBJ1	202.16	After	Interior Girder 3	31.95	0.95	1	1	2.021987
Type 3_str	BOBJ1	202.16	After	Interior Girder 4	31.95	0.95	1	1	2.021987
Type 3_str	BOBJ1	202.16	After	Interior Girder 5	31.95	0.95	1	1	2.078593
Type 3_str	BOBJ1	202.16	After	Interior Girder 6	31.95	0.95	1	1	2.128835
Type 3_str	BOBJ1	202.16	After	Right Exterior Girder	31.95	0.95	1	1	2.713266
Type 3_str	BOBJ1	208.55	Before	Left Exterior Girder	38.34	0.95	1	1	2.659582
Type 3_str	BOBJ1	208.55	Before	Interior Girder 1	38.34	0.95	1	1	2.298548
Type 3_str	BOBJ1	208.55	Before	Interior Girder 2	38.34	0.95	1	1	2.220245
Type 3_str	BOBJ1	208.55	Before	Interior Girder 3	38.34	0.95	1	1	2.197071
Type 3_str	BOBJ1	208.55	Before	Interior Girder 4	38.34	0.95	1	1	2.197071
Type 3_str	BOBJ1	208.55	Before	Interior Girder 5	38.34	0.95	1	1	2.220245
Type 3_str	BOBJ1	208.55	Before	Interior Girder 6	38.34	0.95	1	1	2.298548
Type 3_str	BOBJ1	208.55	Before	Right Exterior Girder	38.34	0.95	1	1	2.659582
Type 3_str	BOBJ1	208.55	After	Left Exterior Girder	38.34	0.95	1	1	2.631949
Type 3_str	BOBJ1	208.55	After	Interior Girder 1	38.34	0.95	1	1	2.313818
Type 3_str	BOBJ1	208.55	After	Interior Girder 2	38.34	0.95	1	1	2.221555
Type 3_str	BOBJ1	208.55	After	Interior Girder 3	38.34	0.95	1	1	2.193666
Type 3_str	BOBJ1	208.55	After	Interior Girder 4	38.34	0.95	1	1	2.193666
Type 3_str	BOBJ1	208.55	After	Interior Girder 5	38.34	0.95	1	1	2.221555
Type 3_str	BOBJ1	208.55	After	Interior Girder 6	38.34	0.95	1	1	2.313818
Type 3_str	BOBJ1	208.55	After	Right Exterior Girder	38.34	0.95	1	1	2.631949
Type 3_str	BOBJ1	215.1233	Before	Left Exterior Girder	44.9133	0.95	1	1	3.64854
Type 3_str	BOBJ1	215.1233	Before	Interior Girder 1	44.9133	0.95	1	1	2.686887
Type 3_str	BOBJ1	215.1233	Before	Interior Girder 2	44.9133	0.95	1	1	2.589916
Type 3_str	BOBJ1	215.1233	Before	Interior Girder 3	44.9133	0.95	1	1	2.48863
Type 3_str	BOBJ1	215.1233	Before	Interior Girder 4	44.9133	0.95	1	1	2.48863
Type 3_str	BOBJ1	215.1233	Before	Interior Girder 5	44.9133	0.95	1	1	2.589916
Type 3_str	BOBJ1	215.1233	Before	Interior Girder 6	44.9133	0.95	1	1	2.686887
Type 3_str	BOBJ1	215.1233	Before	Right Exterior Girder	44.9133	0.95	1	1	3.64854
Type 3_str	BOBJ1	215.1233	After	Left Exterior Girder	44.9133	0.95	1	1	3.624054
Type 3_str	BOBJ1	215.1233	After	Interior Girder 1	44.9133	0.95	1	1	2.694788
Type 3_str	BOBJ1	215.1233	After	Interior Girder 2	44.9133	0.95	1	1	2.556106
Type 3_str	BOBJ1	215.1233	After	Interior Girder 3	44.9133	0.95	1	1	2.444016
Type 3_str	BOBJ1	215.1233	After	Interior Girder 4	44.9133	0.95	1	1	2.444016
Type 3_str	BOBJ1	215.1233	After	Interior Girder 5	44.9133	0.95	1	1	2.556106

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelINonCompStrgth-Flx - Approach, Span 16-19									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Type 3_str	BOBJ1	215.1233	After	Interior Girder 6	44.9133	0.95	1	1	2.694788
Type 3_str	BOBJ1	215.1233	After	Right Exterior Girder	44.9133	0.95	1	1	3.624054
Type 3_str	BOBJ1	221.6967	Before	Left Exterior Girder	51.4867	0.95	1	1	7.369998
Type 3_str	BOBJ1	221.6967	Before	Interior Girder 1	51.4867	0.95	1	1	4.420487
Type 3_str	BOBJ1	221.6967	Before	Interior Girder 2	51.4867	0.95	1	1	4.233674
Type 3_str	BOBJ1	221.6967	Before	Interior Girder 3	51.4867	0.95	1	1	3.794426
Type 3_str	BOBJ1	221.6967	Before	Interior Girder 4	51.4867	0.95	1	1	3.794426
Type 3_str	BOBJ1	221.6967	Before	Interior Girder 5	51.4867	0.95	1	1	4.233674
Type 3_str	BOBJ1	221.6967	Before	Interior Girder 6	51.4867	0.95	1	1	4.420487
Type 3_str	BOBJ1	221.6967	Before	Right Exterior Girder	51.4867	0.95	1	1	7.369998
Type 3_str	BOBJ1	221.6967	After	Left Exterior Girder	51.4867	0.95	1	1	7.323027
Type 3_str	BOBJ1	221.6967	After	Interior Girder 1	51.4867	0.95	1	1	4.440576
Type 3_str	BOBJ1	221.6967	After	Interior Girder 2	51.4867	0.95	1	1	4.175403
Type 3_str	BOBJ1	221.6967	After	Interior Girder 3	51.4867	0.95	1	1	3.657244
Type 3_str	BOBJ1	221.6967	After	Interior Girder 4	51.4867	0.95	1	1	3.657244
Type 3_str	BOBJ1	221.6967	After	Interior Girder 5	51.4867	0.95	1	1	4.175403
Type 3_str	BOBJ1	221.6967	After	Interior Girder 6	51.4867	0.95	1	1	4.440576
Type 3_str	BOBJ1	221.6967	After	Right Exterior Girder	51.4867	0.95	1	1	7.323027
Type 3_str	BOBJ1	228.27	Before	Left Exterior Girder	58.06	0.95	1	1	533.975807
Type 3_str	BOBJ1	228.27	Before	Interior Girder 1	58.06	0.95	1	1	409.991198
Type 3_str	BOBJ1	228.27	Before	Interior Girder 2	58.06	0.95	1	1	268.076389
Type 3_str	BOBJ1	228.27	Before	Interior Girder 3	58.06	0.95	1	1	199.008731
Type 3_str	BOBJ1	228.27	Before	Interior Girder 4	58.06	0.95	1	1	199.008731
Type 3_str	BOBJ1	228.27	Before	Interior Girder 5	58.06	0.95	1	1	268.076389
Type 3_str	BOBJ1	228.27	Before	Interior Girder 6	58.06	0.95	1	1	409.991197
Type 3_str	BOBJ1	228.27	Before	Right Exterior Girder	58.06	0.95	1	1	533.975808
Type 3S2_str	BOBJ1	0	After	Left Exterior Girder	0	0.95	1	1	581.745077
Type 3S2_str	BOBJ1	0	After	Interior Girder 1	0	0.95	1	1	535.87555
Type 3S2_str	BOBJ1	0	After	Interior Girder 2	0	0.95	1	1	321.980702
Type 3S2_str	BOBJ1	0	After	Interior Girder 3	0	0.95	1	1	254.595233
Type 3S2_str	BOBJ1	0	After	Interior Girder 4	0	0.95	1	1	254.595233
Type 3S2_str	BOBJ1	0	After	Interior Girder 5	0	0.95	1	1	321.980706
Type 3S2_str	BOBJ1	0	After	Interior Girder 6	0	0.95	1	1	535.87555
Type 3S2_str	BOBJ1	0	After	Right Exterior Girder	0	0.95	1	1	581.745077
Type 3S2_str	BOBJ1	5.3833	Before	Left Exterior Girder	5.3833	0.95	1	1	8.250169
Type 3S2_str	BOBJ1	5.3833	Before	Interior Girder 1	5.3833	0.95	1	1	5.218186
Type 3S2_str	BOBJ1	5.3833	Before	Interior Girder 2	5.3833	0.95	1	1	4.900936
Type 3S2_str	BOBJ1	5.3833	Before	Interior Girder 3	5.3833	0.95	1	1	4.215785
Type 3S2_str	BOBJ1	5.3833	Before	Interior Girder 4	5.3833	0.95	1	1	4.215785
Type 3S2_str	BOBJ1	5.3833	Before	Interior Girder 5	5.3833	0.95	1	1	4.900936
Type 3S2_str	BOBJ1	5.3833	Before	Interior Girder 6	5.3833	0.95	1	1	5.218186
Type 3S2_str	BOBJ1	5.3833	Before	Right Exterior Girder	5.3833	0.95	1	1	8.250169
Type 3S2_str	BOBJ1	5.3833	After	Left Exterior Girder	5.3833	0.95	1	1	8.383188
Type 3S2_str	BOBJ1	5.3833	After	Interior Girder 1	5.3833	0.95	1	1	5.213301
Type 3S2_str	BOBJ1	5.3833	After	Interior Girder 2	5.3833	0.95	1	1	4.976798
Type 3S2_str	BOBJ1	5.3833	After	Interior Girder 3	5.3833	0.95	1	1	4.349583
Type 3S2_str	BOBJ1	5.3833	After	Interior Girder 4	5.3833	0.95	1	1	4.349583
Type 3S2_str	BOBJ1	5.3833	After	Interior Girder 5	5.3833	0.95	1	1	4.976798
Type 3S2_str	BOBJ1	5.3833	After	Interior Girder 6	5.3833	0.95	1	1	5.213301
Type 3S2_str	BOBJ1	5.3833	After	Right Exterior Girder	5.3833	0.95	1	1	8.383188
Type 3S2_str	BOBJ1	10.7667	Before	Left Exterior Girder	10.7667	0.95	1	1	4.674189
Type 3S2_str	BOBJ1	10.7667	Before	Interior Girder 1	10.7667	0.95	1	1	3.388139
Type 3S2_str	BOBJ1	10.7667	Before	Interior Girder 2	10.7667	0.95	1	1	3.164253
Type 3S2_str	BOBJ1	10.7667	Before	Interior Girder 3	10.7667	0.95	1	1	2.959526
Type 3S2_str	BOBJ1	10.7667	Before	Interior Girder 4	10.7667	0.95	1	1	2.959526
Type 3S2_str	BOBJ1	10.7667	Before	Interior Girder 5	10.7667	0.95	1	1	3.164253
Type 3S2_str	BOBJ1	10.7667	Before	Interior Girder 6	10.7667	0.95	1	1	3.388139
Type 3S2_str	BOBJ1	10.7667	Before	Right Exterior Girder	10.7667	0.95	1	1	4.674189
Type 3S2_str	BOBJ1	10.7667	After	Left Exterior Girder	10.7667	0.95	1	1	4.667965
Type 3S2_str	BOBJ1	10.7667	After	Interior Girder 1	10.7667	0.95	1	1	3.398405
Type 3S2_str	BOBJ1	10.7667	After	Interior Girder 2	10.7667	0.95	1	1	3.21073
Type 3S2_str	BOBJ1	10.7667	After	Interior Girder 3	10.7667	0.95	1	1	3.012131
Type 3S2_str	BOBJ1	10.7667	After	Interior Girder 4	10.7667	0.95	1	1	3.012131
Type 3S2_str	BOBJ1	10.7667	After	Interior Girder 5	10.7667	0.95	1	1	3.21073
Type 3S2_str	BOBJ1	10.7667	After	Interior Girder 6	10.7667	0.95	1	1	3.398405

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelINonCompStrgth-Flx - Approach, Span 16-19									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Type 3S2_str	BOBJ1	10.7667	After	Right Exterior Girder	10.7667	0.95	1	1	4.667965
Type 3S2_str	BOBJ1	16.15	Before	Left Exterior Girder	16.15	0.95	1	1	3.530601
Type 3S2_str	BOBJ1	16.15	Before	Interior Girder 1	16.15	0.95	1	1	3.067646
Type 3S2_str	BOBJ1	16.15	Before	Interior Girder 2	16.15	0.95	1	1	2.856913
Type 3S2_str	BOBJ1	16.15	Before	Interior Girder 3	16.15	0.95	1	1	2.741006
Type 3S2_str	BOBJ1	16.15	Before	Interior Girder 4	16.15	0.95	1	1	2.741006
Type 3S2_str	BOBJ1	16.15	Before	Interior Girder 5	16.15	0.95	1	1	2.856913
Type 3S2_str	BOBJ1	16.15	Before	Interior Girder 6	16.15	0.95	1	1	3.067646
Type 3S2_str	BOBJ1	16.15	Before	Right Exterior Girder	16.15	0.95	1	1	3.530601
Type 3S2_str	BOBJ1	16.15	After	Left Exterior Girder	16.15	0.95	1	1	3.546654
Type 3S2_str	BOBJ1	16.15	After	Interior Girder 1	16.15	0.95	1	1	3.054524
Type 3S2_str	BOBJ1	16.15	After	Interior Girder 2	16.15	0.95	1	1	2.86003
Type 3S2_str	BOBJ1	16.15	After	Interior Girder 3	16.15	0.95	1	1	2.754745
Type 3S2_str	BOBJ1	16.15	After	Interior Girder 4	16.15	0.95	1	1	2.754745
Type 3S2_str	BOBJ1	16.15	After	Interior Girder 5	16.15	0.95	1	1	2.86003
Type 3S2_str	BOBJ1	16.15	After	Interior Girder 6	16.15	0.95	1	1	3.054524
Type 3S2_str	BOBJ1	16.15	After	Right Exterior Girder	16.15	0.95	1	1	3.546654
Type 3S2_str	BOBJ1	22.1267	Before	Left Exterior Girder	22.1267	0.95	1	1	3.867537
Type 3S2_str	BOBJ1	22.1267	Before	Interior Girder 1	22.1267	0.95	1	1	2.909436
Type 3S2_str	BOBJ1	22.1267	Before	Interior Girder 2	22.1267	0.95	1	1	2.760034
Type 3S2_str	BOBJ1	22.1267	Before	Interior Girder 3	22.1267	0.95	1	1	2.622113
Type 3S2_str	BOBJ1	22.1267	Before	Interior Girder 4	22.1267	0.95	1	1	2.622113
Type 3S2_str	BOBJ1	22.1267	Before	Interior Girder 5	22.1267	0.95	1	1	2.760034
Type 3S2_str	BOBJ1	22.1267	Before	Interior Girder 6	22.1267	0.95	1	1	2.909436
Type 3S2_str	BOBJ1	22.1267	Before	Right Exterior Girder	22.1267	0.95	1	1	3.867537
Type 3S2_str	BOBJ1	22.1267	After	Left Exterior Girder	22.1267	0.95	1	1	3.881866
Type 3S2_str	BOBJ1	22.1267	After	Interior Girder 1	22.1267	0.95	1	1	2.898771
Type 3S2_str	BOBJ1	22.1267	After	Interior Girder 2	22.1267	0.95	1	1	2.743534
Type 3S2_str	BOBJ1	22.1267	After	Interior Girder 3	22.1267	0.95	1	1	2.610801
Type 3S2_str	BOBJ1	22.1267	After	Interior Girder 4	22.1267	0.95	1	1	2.610801
Type 3S2_str	BOBJ1	22.1267	After	Interior Girder 5	22.1267	0.95	1	1	2.743534
Type 3S2_str	BOBJ1	22.1267	After	Interior Girder 6	22.1267	0.95	1	1	2.898771
Type 3S2_str	BOBJ1	22.1267	After	Right Exterior Girder	22.1267	0.95	1	1	3.881866
Type 3S2_str	BOBJ1	28.1033	Before	Left Exterior Girder	28.1033	0.95	1	1	5.005897
Type 3S2_str	BOBJ1	28.1033	Before	Interior Girder 1	28.1033	0.95	1	1	3.547019
Type 3S2_str	BOBJ1	28.1033	Before	Interior Girder 2	28.1033	0.95	1	1	3.33617
Type 3S2_str	BOBJ1	28.1033	Before	Interior Girder 3	28.1033	0.95	1	1	3.174364
Type 3S2_str	BOBJ1	28.1033	Before	Interior Girder 4	28.1033	0.95	1	1	3.174364
Type 3S2_str	BOBJ1	28.1033	Before	Interior Girder 5	28.1033	0.95	1	1	3.33617
Type 3S2_str	BOBJ1	28.1033	Before	Interior Girder 6	28.1033	0.95	1	1	3.547019
Type 3S2_str	BOBJ1	28.1033	Before	Right Exterior Girder	28.1033	0.95	1	1	5.005897
Type 3S2_str	BOBJ1	28.1033	After	Left Exterior Girder	28.1033	0.95	1	1	4.931074
Type 3S2_str	BOBJ1	28.1033	After	Interior Girder 1	28.1033	0.95	1	1	3.584523
Type 3S2_str	BOBJ1	28.1033	After	Interior Girder 2	28.1033	0.95	1	1	3.342439
Type 3S2_str	BOBJ1	28.1033	After	Interior Girder 3	28.1033	0.95	1	1	3.149149
Type 3S2_str	BOBJ1	28.1033	After	Interior Girder 4	28.1033	0.95	1	1	3.149149
Type 3S2_str	BOBJ1	28.1033	After	Interior Girder 5	28.1033	0.95	1	1	3.342439
Type 3S2_str	BOBJ1	28.1033	After	Interior Girder 6	28.1033	0.95	1	1	3.584523
Type 3S2_str	BOBJ1	28.1033	After	Right Exterior Girder	28.1033	0.95	1	1	4.931074
Type 3S2_str	BOBJ1	34.08	Before	Left Exterior Girder	34.08	0.95	1	1	4.591541
Type 3S2_str	BOBJ1	34.08	Before	Interior Girder 1	34.08	0.95	1	1	4.652083
Type 3S2_str	BOBJ1	34.08	Before	Interior Girder 2	34.08	0.95	1	1	4.666515
Type 3S2_str	BOBJ1	34.08	Before	Interior Girder 3	34.08	0.95	1	1	4.857839
Type 3S2_str	BOBJ1	34.08	Before	Interior Girder 4	34.08	0.95	1	1	4.857839
Type 3S2_str	BOBJ1	34.08	Before	Interior Girder 5	34.08	0.95	1	1	4.666515
Type 3S2_str	BOBJ1	34.08	Before	Interior Girder 6	34.08	0.95	1	1	4.652083
Type 3S2_str	BOBJ1	34.08	Before	Right Exterior Girder	34.08	0.95	1	1	4.591541
Type 3S2_str	BOBJ1	34.08	After	Left Exterior Girder	34.08	0.95	1	1	4.363232
Type 3S2_str	BOBJ1	34.08	After	Interior Girder 1	34.08	0.95	1	1	4.59969
Type 3S2_str	BOBJ1	34.08	After	Interior Girder 2	34.08	0.95	1	1	4.632531
Type 3S2_str	BOBJ1	34.08	After	Interior Girder 3	34.08	0.95	1	1	4.863675
Type 3S2_str	BOBJ1	34.08	After	Interior Girder 4	34.08	0.95	1	1	4.863675
Type 3S2_str	BOBJ1	34.08	After	Interior Girder 5	34.08	0.95	1	1	4.632531
Type 3S2_str	BOBJ1	34.08	After	Interior Girder 6	34.08	0.95	1	1	4.59969
Type 3S2_str	BOBJ1	34.08	After	Right Exterior Girder	34.08	0.95	1	1	4.363232

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelINonCompStrgth-Flx - Approach, Span 16-19									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Type 3S2_str	BOBJ1	39.855	Before	Left Exterior Girder	39.855	0.95	1	1	2.738757
Type 3S2_str	BOBJ1	39.855	Before	Interior Girder 1	39.855	0.95	1	1	3.425886
Type 3S2_str	BOBJ1	39.855	Before	Interior Girder 2	39.855	0.95	1	1	3.411318
Type 3S2_str	BOBJ1	39.855	Before	Interior Girder 3	39.855	0.95	1	1	3.25255
Type 3S2_str	BOBJ1	39.855	Before	Interior Girder 4	39.855	0.95	1	1	3.25255
Type 3S2_str	BOBJ1	39.855	Before	Interior Girder 5	39.855	0.95	1	1	3.411318
Type 3S2_str	BOBJ1	39.855	Before	Interior Girder 6	39.855	0.95	1	1	3.425886
Type 3S2_str	BOBJ1	39.855	Before	Right Exterior Girder	39.855	0.95	1	1	2.738757
Type 3S2_str	BOBJ1	39.855	After	Left Exterior Girder	39.855	0.95	1	1	2.79898
Type 3S2_str	BOBJ1	39.855	After	Interior Girder 1	39.855	0.95	1	1	3.369871
Type 3S2_str	BOBJ1	39.855	After	Interior Girder 2	39.855	0.95	1	1	3.368127
Type 3S2_str	BOBJ1	39.855	After	Interior Girder 3	39.855	0.95	1	1	3.237992
Type 3S2_str	BOBJ1	39.855	After	Interior Girder 4	39.855	0.95	1	1	3.237992
Type 3S2_str	BOBJ1	39.855	After	Interior Girder 5	39.855	0.95	1	1	3.368127
Type 3S2_str	BOBJ1	39.855	After	Interior Girder 6	39.855	0.95	1	1	3.369871
Type 3S2_str	BOBJ1	39.855	After	Right Exterior Girder	39.855	0.95	1	1	2.79898
Type 3S2_str	BOBJ1	40.0288	Before	Left Exterior Girder	40.0288	0.95	1	1	2.7365
Type 3S2_str	BOBJ1	40.0288	Before	Right Exterior Girder	40.0288	0.95	1	1	2.7365
Type 3S2_str	BOBJ1	40.0288	After	Left Exterior Girder	40.0288	0.95	1	1	4.048407
Type 3S2_str	BOBJ1	40.0288	After	Right Exterior Girder	40.0288	0.95	1	1	4.048407
Type 3S2_str	BOBJ1	45.63	Before	Left Exterior Girder	45.63	0.95	1	1	2.508982
Type 3S2_str	BOBJ1	45.63	Before	Interior Girder 1	45.63	0.95	1	1	2.193208
Type 3S2_str	BOBJ1	45.63	Before	Interior Girder 2	45.63	0.95	1	1	2.145369
Type 3S2_str	BOBJ1	45.63	Before	Interior Girder 3	45.63	0.95	1	1	1.680306
Type 3S2_str	BOBJ1	45.63	Before	Interior Girder 4	45.63	0.95	1	1	1.680306
Type 3S2_str	BOBJ1	45.63	Before	Interior Girder 5	45.63	0.95	1	1	2.145369
Type 3S2_str	BOBJ1	45.63	Before	Interior Girder 6	45.63	0.95	1	1	2.193208
Type 3S2_str	BOBJ1	45.63	Before	Right Exterior Girder	45.63	0.95	1	1	2.508982
Type 3S2_str	BOBJ1	45.63	After	Left Exterior Girder	0	0.95	1	1	2.518387
Type 3S2_str	BOBJ1	45.63	After	Interior Girder 1	0	0.95	1	1	2.11762
Type 3S2_str	BOBJ1	45.63	After	Interior Girder 2	0	0.95	1	1	2.104403
Type 3S2_str	BOBJ1	45.63	After	Interior Girder 3	0	0.95	1	1	1.667782
Type 3S2_str	BOBJ1	45.63	After	Interior Girder 4	0	0.95	1	1	1.667782
Type 3S2_str	BOBJ1	45.63	After	Interior Girder 5	0	0.95	1	1	2.104403
Type 3S2_str	BOBJ1	45.63	After	Interior Girder 6	0	0.95	1	1	2.11762
Type 3S2_str	BOBJ1	45.63	After	Right Exterior Girder	0	0.95	1	1	2.518387
Type 3S2_str	BOBJ1	50.6298	Before	Left Exterior Girder	4.9998	0.95	1	1	7.456993
Type 3S2_str	BOBJ1	50.6298	Before	Right Exterior Girder	4.9998	0.95	1	1	7.456993
Type 3S2_str	BOBJ1	50.6298	After	Left Exterior Girder	4.9998	0.95	1	1	4.795635
Type 3S2_str	BOBJ1	50.6298	After	Right Exterior Girder	4.9998	0.95	1	1	4.795635
Type 3S2_str	BOBJ1	51.4	Before	Left Exterior Girder	5.77	0.95	1	1	6.334303
Type 3S2_str	BOBJ1	51.4	Before	Interior Girder 1	5.77	0.95	1	1	6.323053
Type 3S2_str	BOBJ1	51.4	Before	Interior Girder 2	5.77	0.95	1	1	6.176911
Type 3S2_str	BOBJ1	51.4	Before	Interior Girder 3	5.77	0.95	1	1	5.307303
Type 3S2_str	BOBJ1	51.4	Before	Interior Girder 4	5.77	0.95	1	1	5.307303
Type 3S2_str	BOBJ1	51.4	Before	Interior Girder 5	5.77	0.95	1	1	6.176911
Type 3S2_str	BOBJ1	51.4	Before	Interior Girder 6	5.77	0.95	1	1	6.323053
Type 3S2_str	BOBJ1	51.4	Before	Right Exterior Girder	5.77	0.95	1	1	6.334303
Type 3S2_str	BOBJ1	51.4	After	Left Exterior Girder	5.77	0.95	1	1	6.069019
Type 3S2_str	BOBJ1	51.4	After	Interior Girder 1	5.77	0.95	1	1	6.505587
Type 3S2_str	BOBJ1	51.4	After	Interior Girder 2	5.77	0.95	1	1	6.139036
Type 3S2_str	BOBJ1	51.4	After	Interior Girder 3	5.77	0.95	1	1	5.181834
Type 3S2_str	BOBJ1	51.4	After	Interior Girder 4	5.77	0.95	1	1	5.181834
Type 3S2_str	BOBJ1	51.4	After	Interior Girder 5	5.77	0.95	1	1	6.139036
Type 3S2_str	BOBJ1	51.4	After	Interior Girder 6	5.77	0.95	1	1	6.505587
Type 3S2_str	BOBJ1	51.4	After	Right Exterior Girder	5.77	0.95	1	1	6.069019
Type 3S2_str	BOBJ1	57.17	Before	Left Exterior Girder	11.54	0.95	1	1	9.155194
Type 3S2_str	BOBJ1	57.17	Before	Interior Girder 1	11.54	0.95	1	1	6.911128
Type 3S2_str	BOBJ1	57.17	Before	Interior Girder 2	11.54	0.95	1	1	5.969656
Type 3S2_str	BOBJ1	57.17	Before	Interior Girder 3	11.54	0.95	1	1	5.708928
Type 3S2_str	BOBJ1	57.17	Before	Interior Girder 4	11.54	0.95	1	1	5.708928
Type 3S2_str	BOBJ1	57.17	Before	Interior Girder 5	11.54	0.95	1	1	5.969656
Type 3S2_str	BOBJ1	57.17	Before	Interior Girder 6	11.54	0.95	1	1	6.911128
Type 3S2_str	BOBJ1	57.17	Before	Right Exterior Girder	11.54	0.95	1	1	9.155194
Type 3S2_str	BOBJ1	57.17	After	Left Exterior Girder	11.54	0.95	1	1	9.264681

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelINonCompStrgth-Flx - Approach, Span 16-19									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Type 3S2_str	BOBJ1	57.17	After	Interior Girder 1	11.54	0.95	1	1	6.831187
Type 3S2_str	BOBJ1	57.17	After	Interior Girder 2	11.54	0.95	1	1	5.947994
Type 3S2_str	BOBJ1	57.17	After	Interior Girder 3	11.54	0.95	1	1	5.791631
Type 3S2_str	BOBJ1	57.17	After	Interior Girder 4	11.54	0.95	1	1	5.791631
Type 3S2_str	BOBJ1	57.17	After	Interior Girder 5	11.54	0.95	1	1	5.947994
Type 3S2_str	BOBJ1	57.17	After	Interior Girder 6	11.54	0.95	1	1	6.831187
Type 3S2_str	BOBJ1	57.17	After	Right Exterior Girder	11.54	0.95	1	1	9.264681
Type 3S2_str	BOBJ1	63.34	Before	Left Exterior Girder	17.71	0.95	1	1	4.165662
Type 3S2_str	BOBJ1	63.34	Before	Interior Girder 1	17.71	0.95	1	1	3.268912
Type 3S2_str	BOBJ1	63.34	Before	Interior Girder 2	17.71	0.95	1	1	3.041198
Type 3S2_str	BOBJ1	63.34	Before	Interior Girder 3	17.71	0.95	1	1	2.909401
Type 3S2_str	BOBJ1	63.34	Before	Interior Girder 4	17.71	0.95	1	1	2.909401
Type 3S2_str	BOBJ1	63.34	Before	Interior Girder 5	17.71	0.95	1	1	3.041198
Type 3S2_str	BOBJ1	63.34	Before	Interior Girder 6	17.71	0.95	1	1	3.268912
Type 3S2_str	BOBJ1	63.34	Before	Right Exterior Girder	17.71	0.95	1	1	4.165662
Type 3S2_str	BOBJ1	63.34	After	Left Exterior Girder	17.71	0.95	1	1	4.311302
Type 3S2_str	BOBJ1	63.34	After	Interior Girder 1	17.71	0.95	1	1	3.198645
Type 3S2_str	BOBJ1	63.34	After	Interior Girder 2	17.71	0.95	1	1	3.021456
Type 3S2_str	BOBJ1	63.34	After	Interior Girder 3	17.71	0.95	1	1	2.947012
Type 3S2_str	BOBJ1	63.34	After	Interior Girder 4	17.71	0.95	1	1	2.947012
Type 3S2_str	BOBJ1	63.34	After	Interior Girder 5	17.71	0.95	1	1	3.021456
Type 3S2_str	BOBJ1	63.34	After	Interior Girder 6	17.71	0.95	1	1	3.198645
Type 3S2_str	BOBJ1	63.34	After	Right Exterior Girder	17.71	0.95	1	1	4.311302
Type 3S2_str	BOBJ1	69.51	Before	Left Exterior Girder	23.88	0.95	1	1	2.588858
Type 3S2_str	BOBJ1	69.51	Before	Interior Girder 1	23.88	0.95	1	1	2.234936
Type 3S2_str	BOBJ1	69.51	Before	Interior Girder 2	23.88	0.95	1	1	2.157403
Type 3S2_str	BOBJ1	69.51	Before	Interior Girder 3	23.88	0.95	1	1	2.105946
Type 3S2_str	BOBJ1	69.51	Before	Interior Girder 4	23.88	0.95	1	1	2.105946
Type 3S2_str	BOBJ1	69.51	Before	Interior Girder 5	23.88	0.95	1	1	2.157403
Type 3S2_str	BOBJ1	69.51	Before	Interior Girder 6	23.88	0.95	1	1	2.234936
Type 3S2_str	BOBJ1	69.51	Before	Right Exterior Girder	23.88	0.95	1	1	2.588858
Type 3S2_str	BOBJ1	69.51	After	Left Exterior Girder	23.88	0.95	1	1	2.623159
Type 3S2_str	BOBJ1	69.51	After	Interior Girder 1	23.88	0.95	1	1	2.225208
Type 3S2_str	BOBJ1	69.51	After	Interior Girder 2	23.88	0.95	1	1	2.167732
Type 3S2_str	BOBJ1	69.51	After	Interior Girder 3	23.88	0.95	1	1	2.133283
Type 3S2_str	BOBJ1	69.51	After	Interior Girder 4	23.88	0.95	1	1	2.133283
Type 3S2_str	BOBJ1	69.51	After	Interior Girder 5	23.88	0.95	1	1	2.167732
Type 3S2_str	BOBJ1	69.51	After	Interior Girder 6	23.88	0.95	1	1	2.225208
Type 3S2_str	BOBJ1	69.51	After	Right Exterior Girder	23.88	0.95	1	1	2.623159
Type 3S2_str	BOBJ1	75.68	Before	Left Exterior Girder	30.05	0.95	1	1	1.97349
Type 3S2_str	BOBJ1	75.68	Before	Interior Girder 1	30.05	0.95	1	1	1.980034
Type 3S2_str	BOBJ1	75.68	Before	Interior Girder 2	30.05	0.95	1	1	1.961107
Type 3S2_str	BOBJ1	75.68	Before	Interior Girder 3	30.05	0.95	1	1	1.952003
Type 3S2_str	BOBJ1	75.68	Before	Interior Girder 4	30.05	0.95	1	1	1.952003
Type 3S2_str	BOBJ1	75.68	Before	Interior Girder 5	30.05	0.95	1	1	1.961107
Type 3S2_str	BOBJ1	75.68	Before	Interior Girder 6	30.05	0.95	1	1	1.980034
Type 3S2_str	BOBJ1	75.68	Before	Right Exterior Girder	30.05	0.95	1	1	1.97349
Type 3S2_str	BOBJ1	75.68	After	Left Exterior Girder	30.05	0.95	1	1	1.992263
Type 3S2_str	BOBJ1	75.68	After	Interior Girder 1	30.05	0.95	1	1	1.967113
Type 3S2_str	BOBJ1	75.68	After	Interior Girder 2	30.05	0.95	1	1	1.959424
Type 3S2_str	BOBJ1	75.68	After	Interior Girder 3	30.05	0.95	1	1	1.954444
Type 3S2_str	BOBJ1	75.68	After	Interior Girder 4	30.05	0.95	1	1	1.954444
Type 3S2_str	BOBJ1	75.68	After	Interior Girder 5	30.05	0.95	1	1	1.959424
Type 3S2_str	BOBJ1	75.68	After	Interior Girder 6	30.05	0.95	1	1	1.967113
Type 3S2_str	BOBJ1	75.68	After	Right Exterior Girder	30.05	0.95	1	1	1.992263
Type 3S2_str	BOBJ1	81.8467	Before	Left Exterior Girder	36.2167	0.95	1	1	2.055647
Type 3S2_str	BOBJ1	81.8467	Before	Interior Girder 1	36.2167	0.95	1	1	1.853453
Type 3S2_str	BOBJ1	81.8467	Before	Interior Girder 2	36.2167	0.95	1	1	1.834373
Type 3S2_str	BOBJ1	81.8467	Before	Interior Girder 3	36.2167	0.95	1	1	1.788071
Type 3S2_str	BOBJ1	81.8467	Before	Interior Girder 4	36.2167	0.95	1	1	1.788071
Type 3S2_str	BOBJ1	81.8467	Before	Interior Girder 5	36.2167	0.95	1	1	1.834373
Type 3S2_str	BOBJ1	81.8467	Before	Interior Girder 6	36.2167	0.95	1	1	1.853453
Type 3S2_str	BOBJ1	81.8467	Before	Right Exterior Girder	36.2167	0.95	1	1	2.055647
Type 3S2_str	BOBJ1	81.8467	After	Left Exterior Girder	36.2167	0.95	1	1	2.055401
Type 3S2_str	BOBJ1	81.8467	After	Interior Girder 1	36.2167	0.95	1	1	1.850923

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelINonCompStrgth-Flx - Approach, Span 16-19									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Type 3S2_str	BOBJ1	81.8467	After	Interior Girder 2	36.2167	0.95	1	1	1.828309
Type 3S2_str	BOBJ1	81.8467	After	Interior Girder 3	36.2167	0.95	1	1	1.785163
Type 3S2_str	BOBJ1	81.8467	After	Interior Girder 4	36.2167	0.95	1	1	1.785163
Type 3S2_str	BOBJ1	81.8467	After	Interior Girder 5	36.2167	0.95	1	1	1.828309
Type 3S2_str	BOBJ1	81.8467	After	Interior Girder 6	36.2167	0.95	1	1	1.850923
Type 3S2_str	BOBJ1	81.8467	After	Right Exterior Girder	36.2167	0.95	1	1	2.055401
Type 3S2_str	BOBJ1	88.0133	Before	Left Exterior Girder	42.3833	0.95	1	1	2.463279
Type 3S2_str	BOBJ1	88.0133	Before	Interior Girder 1	42.3833	0.95	1	1	2.111175
Type 3S2_str	BOBJ1	88.0133	Before	Interior Girder 2	42.3833	0.95	1	1	2.054855
Type 3S2_str	BOBJ1	88.0133	Before	Interior Girder 3	42.3833	0.95	1	1	2.014621
Type 3S2_str	BOBJ1	88.0133	Before	Interior Girder 4	42.3833	0.95	1	1	2.014621
Type 3S2_str	BOBJ1	88.0133	Before	Interior Girder 5	42.3833	0.95	1	1	2.054855
Type 3S2_str	BOBJ1	88.0133	Before	Interior Girder 6	42.3833	0.95	1	1	2.111175
Type 3S2_str	BOBJ1	88.0133	Before	Right Exterior Girder	42.3833	0.95	1	1	2.463279
Type 3S2_str	BOBJ1	88.0133	After	Left Exterior Girder	42.3833	0.95	1	1	2.402972
Type 3S2_str	BOBJ1	88.0133	After	Interior Girder 1	42.3833	0.95	1	1	2.141532
Type 3S2_str	BOBJ1	88.0133	After	Interior Girder 2	42.3833	0.95	1	1	2.066202
Type 3S2_str	BOBJ1	88.0133	After	Interior Girder 3	42.3833	0.95	1	1	2.003739
Type 3S2_str	BOBJ1	88.0133	After	Interior Girder 4	42.3833	0.95	1	1	2.003739
Type 3S2_str	BOBJ1	88.0133	After	Interior Girder 5	42.3833	0.95	1	1	2.066202
Type 3S2_str	BOBJ1	88.0133	After	Interior Girder 6	42.3833	0.95	1	1	2.141532
Type 3S2_str	BOBJ1	88.0133	After	Right Exterior Girder	42.3833	0.95	1	1	2.402972
Type 3S2_str	BOBJ1	94.18	Before	Left Exterior Girder	48.55	0.95	1	1	3.430657
Type 3S2_str	BOBJ1	94.18	Before	Interior Girder 1	48.55	0.95	1	1	3.192275
Type 3S2_str	BOBJ1	94.18	Before	Interior Girder 2	48.55	0.95	1	1	2.989623
Type 3S2_str	BOBJ1	94.18	Before	Interior Girder 3	48.55	0.95	1	1	2.982889
Type 3S2_str	BOBJ1	94.18	Before	Interior Girder 4	48.55	0.95	1	1	2.982889
Type 3S2_str	BOBJ1	94.18	Before	Interior Girder 5	48.55	0.95	1	1	2.989623
Type 3S2_str	BOBJ1	94.18	Before	Interior Girder 6	48.55	0.95	1	1	3.192275
Type 3S2_str	BOBJ1	94.18	Before	Right Exterior Girder	48.55	0.95	1	1	3.430657
Type 3S2_str	BOBJ1	94.18	After	Left Exterior Girder	48.55	0.95	1	1	3.356971
Type 3S2_str	BOBJ1	94.18	After	Interior Girder 1	48.55	0.95	1	1	3.245388
Type 3S2_str	BOBJ1	94.18	After	Interior Girder 2	48.55	0.95	1	1	2.991985
Type 3S2_str	BOBJ1	94.18	After	Interior Girder 3	48.55	0.95	1	1	2.933094
Type 3S2_str	BOBJ1	94.18	After	Interior Girder 4	48.55	0.95	1	1	2.933094
Type 3S2_str	BOBJ1	94.18	After	Interior Girder 5	48.55	0.95	1	1	2.991985
Type 3S2_str	BOBJ1	94.18	After	Interior Girder 6	48.55	0.95	1	1	3.245388
Type 3S2_str	BOBJ1	94.18	After	Right Exterior Girder	48.55	0.95	1	1	3.356971
Type 3S2_str	BOBJ1	100.3567	Before	Left Exterior Girder	54.7267	0.95	1	1	6.638441
Type 3S2_str	BOBJ1	100.3567	Before	Interior Girder 1	54.7267	0.95	1	1	5.353102
Type 3S2_str	BOBJ1	100.3567	Before	Interior Girder 2	54.7267	0.95	1	1	4.898956
Type 3S2_str	BOBJ1	100.3567	Before	Interior Girder 3	54.7267	0.95	1	1	4.69277
Type 3S2_str	BOBJ1	100.3567	Before	Interior Girder 4	54.7267	0.95	1	1	4.69277
Type 3S2_str	BOBJ1	100.3567	Before	Interior Girder 5	54.7267	0.95	1	1	4.898956
Type 3S2_str	BOBJ1	100.3567	Before	Interior Girder 6	54.7267	0.95	1	1	5.353102
Type 3S2_str	BOBJ1	100.3567	Before	Right Exterior Girder	54.7267	0.95	1	1	6.638441
Type 3S2_str	BOBJ1	100.3567	After	Left Exterior Girder	54.7267	0.95	1	1	6.757694
Type 3S2_str	BOBJ1	100.3567	After	Interior Girder 1	54.7267	0.95	1	1	5.351201
Type 3S2_str	BOBJ1	100.3567	After	Interior Girder 2	54.7267	0.95	1	1	4.875125
Type 3S2_str	BOBJ1	100.3567	After	Interior Girder 3	54.7267	0.95	1	1	4.561765
Type 3S2_str	BOBJ1	100.3567	After	Interior Girder 4	54.7267	0.95	1	1	4.561765
Type 3S2_str	BOBJ1	100.3567	After	Interior Girder 5	54.7267	0.95	1	1	4.875125
Type 3S2_str	BOBJ1	100.3567	After	Interior Girder 6	54.7267	0.95	1	1	5.351201
Type 3S2_str	BOBJ1	100.3567	After	Right Exterior Girder	54.7267	0.95	1	1	6.757694
Type 3S2_str	BOBJ1	106.5333	Before	Left Exterior Girder	60.9033	0.95	1	1	4.13003
Type 3S2_str	BOBJ1	106.5333	Before	Interior Girder 1	60.9033	0.95	1	1	5.509084
Type 3S2_str	BOBJ1	106.5333	Before	Interior Girder 2	60.9033	0.95	1	1	5.209245
Type 3S2_str	BOBJ1	106.5333	Before	Interior Girder 3	60.9033	0.95	1	1	4.891943
Type 3S2_str	BOBJ1	106.5333	Before	Interior Girder 4	60.9033	0.95	1	1	4.891943
Type 3S2_str	BOBJ1	106.5333	Before	Interior Girder 5	60.9033	0.95	1	1	5.209245
Type 3S2_str	BOBJ1	106.5333	Before	Interior Girder 6	60.9033	0.95	1	1	5.509084
Type 3S2_str	BOBJ1	106.5333	Before	Right Exterior Girder	60.9033	0.95	1	1	4.13003
Type 3S2_str	BOBJ1	106.5333	After	Left Exterior Girder	60.9033	0.95	1	1	4.261822
Type 3S2_str	BOBJ1	106.5333	After	Interior Girder 1	60.9033	0.95	1	1	5.356219
Type 3S2_str	BOBJ1	106.5333	After	Interior Girder 2	60.9033	0.95	1	1	5.103287

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelINonCompStrgth-Flx - Approach, Span 16-19									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Type 3S2_str	BOBJ1	106.5333	After	Interior Girder 3	60.9033	0.95	1	1	4.794133
Type 3S2_str	BOBJ1	106.5333	After	Interior Girder 4	60.9033	0.95	1	1	4.794133
Type 3S2_str	BOBJ1	106.5333	After	Interior Girder 5	60.9033	0.95	1	1	5.103287
Type 3S2_str	BOBJ1	106.5333	After	Interior Girder 6	60.9033	0.95	1	1	5.356219
Type 3S2_str	BOBJ1	106.5333	After	Right Exterior Girder	60.9033	0.95	1	1	4.261822
Type 3S2_str	BOBJ1	108.2102	Before	Left Exterior Girder	62.5802	0.95	1	1	3.474232
Type 3S2_str	BOBJ1	108.2102	Before	Right Exterior Girder	62.5802	0.95	1	1	3.474232
Type 3S2_str	BOBJ1	108.2102	After	Left Exterior Girder	62.5802	0.95	1	1	5.390362
Type 3S2_str	BOBJ1	108.2102	After	Right Exterior Girder	62.5802	0.95	1	1	5.390362
Type 3S2_str	BOBJ1	112.71	Before	Left Exterior Girder	67.08	0.95	1	1	2.268641
Type 3S2_str	BOBJ1	112.71	Before	Interior Girder 1	67.08	0.95	1	1	2.126759
Type 3S2_str	BOBJ1	112.71	Before	Interior Girder 2	67.08	0.95	1	1	2.076725
Type 3S2_str	BOBJ1	112.71	Before	Interior Girder 3	67.08	0.95	1	1	1.6901
Type 3S2_str	BOBJ1	112.71	Before	Interior Girder 4	67.08	0.95	1	1	1.6901
Type 3S2_str	BOBJ1	112.71	Before	Interior Girder 5	67.08	0.95	1	1	2.076725
Type 3S2_str	BOBJ1	112.71	Before	Interior Girder 6	67.08	0.95	1	1	2.126759
Type 3S2_str	BOBJ1	112.71	Before	Right Exterior Girder	67.08	0.95	1	1	2.268641
Type 3S2_str	BOBJ1	112.71	After	Left Exterior Girder	0	0.95	1	1	2.230396
Type 3S2_str	BOBJ1	112.71	After	Interior Girder 1	0	0.95	1	1	2.168484
Type 3S2_str	BOBJ1	112.71	After	Interior Girder 2	0	0.95	1	1	2.077497
Type 3S2_str	BOBJ1	112.71	After	Interior Girder 3	0	0.95	1	1	1.6789
Type 3S2_str	BOBJ1	112.71	After	Interior Girder 4	0	0.95	1	1	1.6789
Type 3S2_str	BOBJ1	112.71	After	Interior Girder 5	0	0.95	1	1	2.077497
Type 3S2_str	BOBJ1	112.71	After	Interior Girder 6	0	0.95	1	1	2.168484
Type 3S2_str	BOBJ1	112.71	After	Right Exterior Girder	0	0.95	1	1	2.230396
Type 3S2_str	BOBJ1	117.21	Before	Left Exterior Girder	4.5	0.95	1	1	3.385103
Type 3S2_str	BOBJ1	117.21	Before	Right Exterior Girder	4.5	0.95	1	1	3.385103
Type 3S2_str	BOBJ1	117.21	After	Left Exterior Girder	4.5	0.95	1	1	2.159644
Type 3S2_str	BOBJ1	117.21	After	Right Exterior Girder	4.5	0.95	1	1	2.159644
Type 3S2_str	BOBJ1	119.1	Before	Left Exterior Girder	6.39	0.95	1	1	2.670714
Type 3S2_str	BOBJ1	119.1	Before	Interior Girder 1	6.39	0.95	1	1	3.652533
Type 3S2_str	BOBJ1	119.1	Before	Interior Girder 2	6.39	0.95	1	1	3.63452
Type 3S2_str	BOBJ1	119.1	Before	Interior Girder 3	6.39	0.95	1	1	3.515453
Type 3S2_str	BOBJ1	119.1	Before	Interior Girder 4	6.39	0.95	1	1	3.515453
Type 3S2_str	BOBJ1	119.1	Before	Interior Girder 5	6.39	0.95	1	1	3.63452
Type 3S2_str	BOBJ1	119.1	Before	Interior Girder 6	6.39	0.95	1	1	3.652533
Type 3S2_str	BOBJ1	119.1	Before	Right Exterior Girder	6.39	0.95	1	1	2.670714
Type 3S2_str	BOBJ1	119.1	After	Left Exterior Girder	6.39	0.95	1	1	2.606888
Type 3S2_str	BOBJ1	119.1	After	Interior Girder 1	6.39	0.95	1	1	3.733255
Type 3S2_str	BOBJ1	119.1	After	Interior Girder 2	6.39	0.95	1	1	3.68166
Type 3S2_str	BOBJ1	119.1	After	Interior Girder 3	6.39	0.95	1	1	3.530852
Type 3S2_str	BOBJ1	119.1	After	Interior Girder 4	6.39	0.95	1	1	3.530852
Type 3S2_str	BOBJ1	119.1	After	Interior Girder 5	6.39	0.95	1	1	3.68166
Type 3S2_str	BOBJ1	119.1	After	Interior Girder 6	6.39	0.95	1	1	3.733255
Type 3S2_str	BOBJ1	119.1	After	Right Exterior Girder	6.39	0.95	1	1	2.606888
Type 3S2_str	BOBJ1	125.49	Before	Left Exterior Girder	12.78	0.95	1	1	4.293456
Type 3S2_str	BOBJ1	125.49	Before	Interior Girder 1	12.78	0.95	1	1	5.122737
Type 3S2_str	BOBJ1	125.49	Before	Interior Girder 2	12.78	0.95	1	1	4.690522
Type 3S2_str	BOBJ1	125.49	Before	Interior Girder 3	12.78	0.95	1	1	4.503565
Type 3S2_str	BOBJ1	125.49	Before	Interior Girder 4	12.78	0.95	1	1	4.503565
Type 3S2_str	BOBJ1	125.49	Before	Interior Girder 5	12.78	0.95	1	1	4.690522
Type 3S2_str	BOBJ1	125.49	Before	Interior Girder 6	12.78	0.95	1	1	5.122737
Type 3S2_str	BOBJ1	125.49	Before	Right Exterior Girder	12.78	0.95	1	1	4.293456
Type 3S2_str	BOBJ1	125.49	After	Left Exterior Girder	12.78	0.95	1	1	4.229982
Type 3S2_str	BOBJ1	125.49	After	Interior Girder 1	12.78	0.95	1	1	5.165312
Type 3S2_str	BOBJ1	125.49	After	Interior Girder 2	12.78	0.95	1	1	4.73052
Type 3S2_str	BOBJ1	125.49	After	Interior Girder 3	12.78	0.95	1	1	4.631274
Type 3S2_str	BOBJ1	125.49	After	Interior Girder 4	12.78	0.95	1	1	4.631274
Type 3S2_str	BOBJ1	125.49	After	Interior Girder 5	12.78	0.95	1	1	4.73052
Type 3S2_str	BOBJ1	125.49	After	Interior Girder 6	12.78	0.95	1	1	5.165312
Type 3S2_str	BOBJ1	125.49	After	Right Exterior Girder	12.78	0.95	1	1	4.229982
Type 3S2_str	BOBJ1	131.88	Before	Left Exterior Girder	19.17	0.95	1	1	3.816113
Type 3S2_str	BOBJ1	131.88	Before	Interior Girder 1	19.17	0.95	1	1	3.625184
Type 3S2_str	BOBJ1	131.88	Before	Interior Girder 2	19.17	0.95	1	1	3.310936
Type 3S2_str	BOBJ1	131.88	Before	Interior Girder 3	19.17	0.95	1	1	3.185906

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelINonCompStrgth-Flx - Approach, Span 16-19									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Type 3S2_str	BOBJ1	131.88	Before	Interior Girder 4	19.17	0.95	1	1	3.185906
Type 3S2_str	BOBJ1	131.88	Before	Interior Girder 5	19.17	0.95	1	1	3.310936
Type 3S2_str	BOBJ1	131.88	Before	Interior Girder 6	19.17	0.95	1	1	3.625184
Type 3S2_str	BOBJ1	131.88	Before	Right Exterior Girder	19.17	0.95	1	1	3.816113
Type 3S2_str	BOBJ1	131.88	After	Left Exterior Girder	19.17	0.95	1	1	3.864043
Type 3S2_str	BOBJ1	131.88	After	Interior Girder 1	19.17	0.95	1	1	3.591604
Type 3S2_str	BOBJ1	131.88	After	Interior Girder 2	19.17	0.95	1	1	3.316676
Type 3S2_str	BOBJ1	131.88	After	Interior Girder 3	19.17	0.95	1	1	3.233265
Type 3S2_str	BOBJ1	131.88	After	Interior Girder 4	19.17	0.95	1	1	3.233265
Type 3S2_str	BOBJ1	131.88	After	Interior Girder 5	19.17	0.95	1	1	3.316676
Type 3S2_str	BOBJ1	131.88	After	Interior Girder 6	19.17	0.95	1	1	3.591604
Type 3S2_str	BOBJ1	131.88	After	Right Exterior Girder	19.17	0.95	1	1	3.864043
Type 3S2_str	BOBJ1	138.27	Before	Left Exterior Girder	25.56	0.95	1	1	3.366206
Type 3S2_str	BOBJ1	138.27	Before	Interior Girder 1	25.56	0.95	1	1	2.840976
Type 3S2_str	BOBJ1	138.27	Before	Interior Girder 2	25.56	0.95	1	1	2.669208
Type 3S2_str	BOBJ1	138.27	Before	Interior Girder 3	25.56	0.95	1	1	2.52544
Type 3S2_str	BOBJ1	138.27	Before	Interior Girder 4	25.56	0.95	1	1	2.52544
Type 3S2_str	BOBJ1	138.27	Before	Interior Girder 5	25.56	0.95	1	1	2.669208
Type 3S2_str	BOBJ1	138.27	Before	Interior Girder 6	25.56	0.95	1	1	2.840976
Type 3S2_str	BOBJ1	138.27	Before	Right Exterior Girder	25.56	0.95	1	1	3.366206
Type 3S2_str	BOBJ1	138.27	After	Left Exterior Girder	25.56	0.95	1	1	3.411946
Type 3S2_str	BOBJ1	138.27	After	Interior Girder 1	25.56	0.95	1	1	2.819753
Type 3S2_str	BOBJ1	138.27	After	Interior Girder 2	25.56	0.95	1	1	2.657652
Type 3S2_str	BOBJ1	138.27	After	Interior Girder 3	25.56	0.95	1	1	2.530612
Type 3S2_str	BOBJ1	138.27	After	Interior Girder 4	25.56	0.95	1	1	2.530612
Type 3S2_str	BOBJ1	138.27	After	Interior Girder 5	25.56	0.95	1	1	2.657652
Type 3S2_str	BOBJ1	138.27	After	Interior Girder 6	25.56	0.95	1	1	2.819753
Type 3S2_str	BOBJ1	138.27	After	Right Exterior Girder	25.56	0.95	1	1	3.411946
Type 3S2_str	BOBJ1	144.66	Before	Left Exterior Girder	31.95	0.95	1	1	3.4933
Type 3S2_str	BOBJ1	144.66	Before	Interior Girder 1	31.95	0.95	1	1	2.84744
Type 3S2_str	BOBJ1	144.66	Before	Interior Girder 2	31.95	0.95	1	1	2.682507
Type 3S2_str	BOBJ1	144.66	Before	Interior Girder 3	31.95	0.95	1	1	2.55194
Type 3S2_str	BOBJ1	144.66	Before	Interior Girder 4	31.95	0.95	1	1	2.55194
Type 3S2_str	BOBJ1	144.66	Before	Interior Girder 5	31.95	0.95	1	1	2.682507
Type 3S2_str	BOBJ1	144.66	Before	Interior Girder 6	31.95	0.95	1	1	2.84744
Type 3S2_str	BOBJ1	144.66	Before	Right Exterior Girder	31.95	0.95	1	1	3.4933
Type 3S2_str	BOBJ1	144.66	After	Left Exterior Girder	31.95	0.95	1	1	3.436438
Type 3S2_str	BOBJ1	144.66	After	Interior Girder 1	31.95	0.95	1	1	2.87505
Type 3S2_str	BOBJ1	144.66	After	Interior Girder 2	31.95	0.95	1	1	2.69479
Type 3S2_str	BOBJ1	144.66	After	Interior Girder 3	31.95	0.95	1	1	2.545016
Type 3S2_str	BOBJ1	144.66	After	Interior Girder 4	31.95	0.95	1	1	2.545016
Type 3S2_str	BOBJ1	144.66	After	Interior Girder 5	31.95	0.95	1	1	2.69479
Type 3S2_str	BOBJ1	144.66	After	Interior Girder 6	31.95	0.95	1	1	2.87505
Type 3S2_str	BOBJ1	144.66	After	Right Exterior Girder	31.95	0.95	1	1	3.436438
Type 3S2_str	BOBJ1	151.05	Before	Left Exterior Girder	38.34	0.95	1	1	4.128725
Type 3S2_str	BOBJ1	151.05	Before	Interior Girder 1	38.34	0.95	1	1	3.716645
Type 3S2_str	BOBJ1	151.05	Before	Interior Girder 2	38.34	0.95	1	1	3.419488
Type 3S2_str	BOBJ1	151.05	Before	Interior Girder 3	38.34	0.95	1	1	3.333028
Type 3S2_str	BOBJ1	151.05	Before	Interior Girder 4	38.34	0.95	1	1	3.333028
Type 3S2_str	BOBJ1	151.05	Before	Interior Girder 5	38.34	0.95	1	1	3.419488
Type 3S2_str	BOBJ1	151.05	Before	Interior Girder 6	38.34	0.95	1	1	3.716645
Type 3S2_str	BOBJ1	151.05	Before	Right Exterior Girder	38.34	0.95	1	1	4.128725
Type 3S2_str	BOBJ1	151.05	After	Left Exterior Girder	38.34	0.95	1	1	4.066881
Type 3S2_str	BOBJ1	151.05	After	Interior Girder 1	38.34	0.95	1	1	3.761972
Type 3S2_str	BOBJ1	151.05	After	Interior Girder 2	38.34	0.95	1	1	3.413301
Type 3S2_str	BOBJ1	151.05	After	Interior Girder 3	38.34	0.95	1	1	3.279156
Type 3S2_str	BOBJ1	151.05	After	Interior Girder 4	38.34	0.95	1	1	3.279156
Type 3S2_str	BOBJ1	151.05	After	Interior Girder 5	38.34	0.95	1	1	3.413301
Type 3S2_str	BOBJ1	151.05	After	Interior Girder 6	38.34	0.95	1	1	3.761972
Type 3S2_str	BOBJ1	151.05	After	Right Exterior Girder	38.34	0.95	1	1	4.066881
Type 3S2_str	BOBJ1	157.4367	Before	Left Exterior Girder	44.7267	0.95	1	1	4.481158
Type 3S2_str	BOBJ1	157.4367	Before	Interior Girder 1	44.7267	0.95	1	1	4.723893
Type 3S2_str	BOBJ1	157.4367	Before	Interior Girder 2	44.7267	0.95	1	1	4.608103
Type 3S2_str	BOBJ1	157.4367	Before	Interior Girder 3	44.7267	0.95	1	1	4.647562
Type 3S2_str	BOBJ1	157.4367	Before	Interior Girder 4	44.7267	0.95	1	1	4.647562

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelINonCompStrgth-Flx - Approach, Span 16-19									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Type 3S2_str	BOBJ1	157.4367	Before	Interior Girder 5	44.7267	0.95	1	1	4.608103
Type 3S2_str	BOBJ1	157.4367	Before	Interior Girder 6	44.7267	0.95	1	1	4.723893
Type 3S2_str	BOBJ1	157.4367	Before	Right Exterior Girder	44.7267	0.95	1	1	4.481158
Type 3S2_str	BOBJ1	157.4367	After	Left Exterior Girder	44.7267	0.95	1	1	4.533976
Type 3S2_str	BOBJ1	157.4367	After	Interior Girder 1	44.7267	0.95	1	1	4.674845
Type 3S2_str	BOBJ1	157.4367	After	Interior Girder 2	44.7267	0.95	1	1	4.581259
Type 3S2_str	BOBJ1	157.4367	After	Interior Girder 3	44.7267	0.95	1	1	4.644883
Type 3S2_str	BOBJ1	157.4367	After	Interior Girder 4	44.7267	0.95	1	1	4.644883
Type 3S2_str	BOBJ1	157.4367	After	Interior Girder 5	44.7267	0.95	1	1	4.581259
Type 3S2_str	BOBJ1	157.4367	After	Interior Girder 6	44.7267	0.95	1	1	4.674845
Type 3S2_str	BOBJ1	157.4367	After	Right Exterior Girder	44.7267	0.95	1	1	4.533976
Type 3S2_str	BOBJ1	158.71	Before	Left Exterior Girder	46	0.95	1	1	4.123308
Type 3S2_str	BOBJ1	158.71	Before	Interior Girder 1	46	0.95	1	1	4.399737
Type 3S2_str	BOBJ1	158.71	Before	Interior Girder 2	46	0.95	1	1	4.273432
Type 3S2_str	BOBJ1	158.71	Before	Interior Girder 3	46	0.95	1	1	4.263123
Type 3S2_str	BOBJ1	158.71	Before	Interior Girder 4	46	0.95	1	1	4.263123
Type 3S2_str	BOBJ1	158.71	Before	Interior Girder 5	46	0.95	1	1	4.273432
Type 3S2_str	BOBJ1	158.71	Before	Interior Girder 6	46	0.95	1	1	4.399737
Type 3S2_str	BOBJ1	158.71	Before	Right Exterior Girder	46	0.95	1	1	4.123308
Type 3S2_str	BOBJ1	158.71	After	Left Exterior Girder	46	0.95	1	1	5.713686
Type 3S2_str	BOBJ1	158.71	After	Interior Girder 1	46	0.95	1	1	5.530972
Type 3S2_str	BOBJ1	158.71	After	Interior Girder 2	46	0.95	1	1	5.356883
Type 3S2_str	BOBJ1	158.71	After	Interior Girder 3	46	0.95	1	1	5.386026
Type 3S2_str	BOBJ1	158.71	After	Interior Girder 4	46	0.95	1	1	5.386026
Type 3S2_str	BOBJ1	158.71	After	Interior Girder 5	46	0.95	1	1	5.356883
Type 3S2_str	BOBJ1	158.71	After	Interior Girder 6	46	0.95	1	1	5.530972
Type 3S2_str	BOBJ1	158.71	After	Right Exterior Girder	46	0.95	1	1	5.713686
Type 3S2_str	BOBJ1	163.8233	Before	Left Exterior Girder	51.1133	0.95	1	1	4.031012
Type 3S2_str	BOBJ1	163.8233	Before	Interior Girder 1	51.1133	0.95	1	1	4.252623
Type 3S2_str	BOBJ1	163.8233	Before	Interior Girder 2	51.1133	0.95	1	1	4.102713
Type 3S2_str	BOBJ1	163.8233	Before	Interior Girder 3	51.1133	0.95	1	1	3.845808
Type 3S2_str	BOBJ1	163.8233	Before	Interior Girder 4	51.1133	0.95	1	1	3.845808
Type 3S2_str	BOBJ1	163.8233	Before	Interior Girder 5	51.1133	0.95	1	1	4.102713
Type 3S2_str	BOBJ1	163.8233	Before	Interior Girder 6	51.1133	0.95	1	1	4.252623
Type 3S2_str	BOBJ1	163.8233	Before	Right Exterior Girder	51.1133	0.95	1	1	4.031012
Type 3S2_str	BOBJ1	163.8233	After	Left Exterior Girder	51.1133	0.95	1	1	4.119884
Type 3S2_str	BOBJ1	163.8233	After	Interior Girder 1	51.1133	0.95	1	1	4.134905
Type 3S2_str	BOBJ1	163.8233	After	Interior Girder 2	51.1133	0.95	1	1	4.024023
Type 3S2_str	BOBJ1	163.8233	After	Interior Girder 3	51.1133	0.95	1	1	3.781614
Type 3S2_str	BOBJ1	163.8233	After	Interior Girder 4	51.1133	0.95	1	1	3.781614
Type 3S2_str	BOBJ1	163.8233	After	Interior Girder 5	51.1133	0.95	1	1	4.024023
Type 3S2_str	BOBJ1	163.8233	After	Interior Girder 6	51.1133	0.95	1	1	4.134905
Type 3S2_str	BOBJ1	163.8233	After	Right Exterior Girder	51.1133	0.95	1	1	4.119884
Type 3S2_str	BOBJ1	164.71	Before	Left Exterior Girder	52	0.95	1	1	3.822737
Type 3S2_str	BOBJ1	164.71	Before	Right Exterior Girder	52	0.95	1	1	3.822737
Type 3S2_str	BOBJ1	164.71	After	Left Exterior Girder	52	0.95	1	1	6.026359
Type 3S2_str	BOBJ1	164.71	After	Right Exterior Girder	52	0.95	1	1	6.026359
Type 3S2_str	BOBJ1	170.21	Before	Left Exterior Girder	57.5	0.95	1	1	3.865392
Type 3S2_str	BOBJ1	170.21	Before	Interior Girder 1	57.5	0.95	1	1	2.182599
Type 3S2_str	BOBJ1	170.21	Before	Interior Girder 2	57.5	0.95	1	1	2.124228
Type 3S2_str	BOBJ1	170.21	Before	Interior Girder 3	57.5	0.95	1	1	1.664163
Type 3S2_str	BOBJ1	170.21	Before	Interior Girder 4	57.5	0.95	1	1	1.664163
Type 3S2_str	BOBJ1	170.21	Before	Interior Girder 5	57.5	0.95	1	1	2.124228
Type 3S2_str	BOBJ1	170.21	Before	Interior Girder 6	57.5	0.95	1	1	2.182599
Type 3S2_str	BOBJ1	170.21	Before	Right Exterior Girder	57.5	0.95	1	1	3.865392
Type 3S2_str	BOBJ1	170.21	After	Left Exterior Girder	0	0.95	1	1	4.001381
Type 3S2_str	BOBJ1	170.21	After	Interior Girder 1	0	0.95	1	1	2.890051
Type 3S2_str	BOBJ1	170.21	After	Interior Girder 2	0	0.95	1	1	2.791896
Type 3S2_str	BOBJ1	170.21	After	Interior Girder 3	0	0.95	1	1	2.248609
Type 3S2_str	BOBJ1	170.21	After	Interior Girder 4	0	0.95	1	1	2.248609
Type 3S2_str	BOBJ1	170.21	After	Interior Girder 5	0	0.95	1	1	2.791896
Type 3S2_str	BOBJ1	170.21	After	Interior Girder 6	0	0.95	1	1	2.890051
Type 3S2_str	BOBJ1	170.21	After	Right Exterior Girder	0	0.95	1	1	4.001381
Type 3S2_str	BOBJ1	176.21	Before	Left Exterior Girder	6	0.95	1	1	7.426234
Type 3S2_str	BOBJ1	176.21	Before	Right Exterior Girder	6	0.95	1	1	7.426234

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelINonCompStrgth-Flx - Approach, Span 16-19									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Type 3S2_str	BOBJ1	176.21	After	Left Exterior Girder	6	0.95	1	1	4.844377
Type 3S2_str	BOBJ1	176.21	After	Right Exterior Girder	6	0.95	1	1	4.844377
Type 3S2_str	BOBJ1	176.6	Before	Left Exterior Girder	6.39	0.95	1	1	5.015626
Type 3S2_str	BOBJ1	176.6	Before	Interior Girder 1	6.39	0.95	1	1	6.021036
Type 3S2_str	BOBJ1	176.6	Before	Interior Girder 2	6.39	0.95	1	1	5.716534
Type 3S2_str	BOBJ1	176.6	Before	Interior Girder 3	6.39	0.95	1	1	5.397741
Type 3S2_str	BOBJ1	176.6	Before	Interior Girder 4	6.39	0.95	1	1	5.397741
Type 3S2_str	BOBJ1	176.6	Before	Interior Girder 5	6.39	0.95	1	1	5.716534
Type 3S2_str	BOBJ1	176.6	Before	Interior Girder 6	6.39	0.95	1	1	6.021036
Type 3S2_str	BOBJ1	176.6	Before	Right Exterior Girder	6.39	0.95	1	1	5.015626
Type 3S2_str	BOBJ1	176.6	After	Left Exterior Girder	6.39	0.95	1	1	4.870522
Type 3S2_str	BOBJ1	176.6	After	Interior Girder 1	6.39	0.95	1	1	6.197358
Type 3S2_str	BOBJ1	176.6	After	Interior Girder 2	6.39	0.95	1	1	5.836217
Type 3S2_str	BOBJ1	176.6	After	Interior Girder 3	6.39	0.95	1	1	5.506104
Type 3S2_str	BOBJ1	176.6	After	Interior Girder 4	6.39	0.95	1	1	5.506104
Type 3S2_str	BOBJ1	176.6	After	Interior Girder 5	6.39	0.95	1	1	5.836217
Type 3S2_str	BOBJ1	176.6	After	Interior Girder 6	6.39	0.95	1	1	6.197358
Type 3S2_str	BOBJ1	176.6	After	Right Exterior Girder	6.39	0.95	1	1	4.870522
Type 3S2_str	BOBJ1	182.99	Before	Left Exterior Girder	12.78	0.95	1	1	7.407834
Type 3S2_str	BOBJ1	182.99	Before	Interior Girder 1	12.78	0.95	1	1	5.716634
Type 3S2_str	BOBJ1	182.99	Before	Interior Girder 2	12.78	0.95	1	1	5.160099
Type 3S2_str	BOBJ1	182.99	Before	Interior Girder 3	12.78	0.95	1	1	5.022544
Type 3S2_str	BOBJ1	182.99	Before	Interior Girder 4	12.78	0.95	1	1	5.022544
Type 3S2_str	BOBJ1	182.99	Before	Interior Girder 5	12.78	0.95	1	1	5.160099
Type 3S2_str	BOBJ1	182.99	Before	Interior Girder 6	12.78	0.95	1	1	5.716634
Type 3S2_str	BOBJ1	182.99	Before	Right Exterior Girder	12.78	0.95	1	1	7.407834
Type 3S2_str	BOBJ1	182.99	After	Left Exterior Girder	12.78	0.95	1	1	7.310106
Type 3S2_str	BOBJ1	182.99	After	Interior Girder 1	12.78	0.95	1	1	5.683167
Type 3S2_str	BOBJ1	182.99	After	Interior Girder 2	12.78	0.95	1	1	5.198022
Type 3S2_str	BOBJ1	182.99	After	Interior Girder 3	12.78	0.95	1	1	5.17896
Type 3S2_str	BOBJ1	182.99	After	Interior Girder 4	12.78	0.95	1	1	5.17896
Type 3S2_str	BOBJ1	182.99	After	Interior Girder 5	12.78	0.95	1	1	5.198022
Type 3S2_str	BOBJ1	182.99	After	Interior Girder 6	12.78	0.95	1	1	5.683167
Type 3S2_str	BOBJ1	182.99	After	Right Exterior Girder	12.78	0.95	1	1	7.310106
Type 3S2_str	BOBJ1	189.38	Before	Left Exterior Girder	19.17	0.95	1	1	3.94612
Type 3S2_str	BOBJ1	189.38	Before	Interior Girder 1	19.17	0.95	1	1	3.536
Type 3S2_str	BOBJ1	189.38	Before	Interior Girder 2	19.17	0.95	1	1	3.241818
Type 3S2_str	BOBJ1	189.38	Before	Interior Girder 3	19.17	0.95	1	1	3.15658
Type 3S2_str	BOBJ1	189.38	Before	Interior Girder 4	19.17	0.95	1	1	3.15658
Type 3S2_str	BOBJ1	189.38	Before	Interior Girder 5	19.17	0.95	1	1	3.241818
Type 3S2_str	BOBJ1	189.38	Before	Interior Girder 6	19.17	0.95	1	1	3.536
Type 3S2_str	BOBJ1	189.38	Before	Right Exterior Girder	19.17	0.95	1	1	3.94612
Type 3S2_str	BOBJ1	189.38	After	Left Exterior Girder	19.17	0.95	1	1	4.025409
Type 3S2_str	BOBJ1	189.38	After	Interior Girder 1	19.17	0.95	1	1	3.483534
Type 3S2_str	BOBJ1	189.38	After	Interior Girder 2	19.17	0.95	1	1	3.24598
Type 3S2_str	BOBJ1	189.38	After	Interior Girder 3	19.17	0.95	1	1	3.213592
Type 3S2_str	BOBJ1	189.38	After	Interior Girder 4	19.17	0.95	1	1	3.213592
Type 3S2_str	BOBJ1	189.38	After	Interior Girder 5	19.17	0.95	1	1	3.24598
Type 3S2_str	BOBJ1	189.38	After	Interior Girder 6	19.17	0.95	1	1	3.483534
Type 3S2_str	BOBJ1	189.38	After	Right Exterior Girder	19.17	0.95	1	1	4.025409
Type 3S2_str	BOBJ1	195.77	Before	Left Exterior Girder	25.56	0.95	1	1	3.007395
Type 3S2_str	BOBJ1	195.77	Before	Interior Girder 1	25.56	0.95	1	1	2.483103
Type 3S2_str	BOBJ1	195.77	Before	Interior Girder 2	25.56	0.95	1	1	2.364938
Type 3S2_str	BOBJ1	195.77	Before	Interior Girder 3	25.56	0.95	1	1	2.283461
Type 3S2_str	BOBJ1	195.77	Before	Interior Girder 4	25.56	0.95	1	1	2.283461
Type 3S2_str	BOBJ1	195.77	Before	Interior Girder 5	25.56	0.95	1	1	2.364938
Type 3S2_str	BOBJ1	195.77	Before	Interior Girder 6	25.56	0.95	1	1	2.483103
Type 3S2_str	BOBJ1	195.77	Before	Right Exterior Girder	25.56	0.95	1	1	3.007395
Type 3S2_str	BOBJ1	195.77	After	Left Exterior Girder	25.56	0.95	1	1	3.064009
Type 3S2_str	BOBJ1	195.77	After	Interior Girder 1	25.56	0.95	1	1	2.449537
Type 3S2_str	BOBJ1	195.77	After	Interior Girder 2	25.56	0.95	1	1	2.35228
Type 3S2_str	BOBJ1	195.77	After	Interior Girder 3	25.56	0.95	1	1	2.288324
Type 3S2_str	BOBJ1	195.77	After	Interior Girder 4	25.56	0.95	1	1	2.288324
Type 3S2_str	BOBJ1	195.77	After	Interior Girder 5	25.56	0.95	1	1	2.35228
Type 3S2_str	BOBJ1	195.77	After	Interior Girder 6	25.56	0.95	1	1	2.449537

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelINonCompStrgth-Flx - Approach, Span 16-19									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Type 3S2_str	BOBJ1	195.77	After	Right Exterior Girder	25.56	0.95	1	1	3.064009
Type 3S2_str	BOBJ1	202.16	Before	Left Exterior Girder	31.95	0.95	1	1	2.650889
Type 3S2_str	BOBJ1	202.16	Before	Interior Girder 1	31.95	0.95	1	1	2.171815
Type 3S2_str	BOBJ1	202.16	Before	Interior Girder 2	31.95	0.95	1	1	2.1118
Type 3S2_str	BOBJ1	202.16	Before	Interior Girder 3	31.95	0.95	1	1	2.049427
Type 3S2_str	BOBJ1	202.16	Before	Interior Girder 4	31.95	0.95	1	1	2.049427
Type 3S2_str	BOBJ1	202.16	Before	Interior Girder 5	31.95	0.95	1	1	2.1118
Type 3S2_str	BOBJ1	202.16	Before	Interior Girder 6	31.95	0.95	1	1	2.171815
Type 3S2_str	BOBJ1	202.16	Before	Right Exterior Girder	31.95	0.95	1	1	2.650889
Type 3S2_str	BOBJ1	202.16	After	Left Exterior Girder	31.95	0.95	1	1	2.628562
Type 3S2_str	BOBJ1	202.16	After	Interior Girder 1	31.95	0.95	1	1	2.185994
Type 3S2_str	BOBJ1	202.16	After	Interior Girder 2	31.95	0.95	1	1	2.123033
Type 3S2_str	BOBJ1	202.16	After	Interior Girder 3	31.95	0.95	1	1	2.06222
Type 3S2_str	BOBJ1	202.16	After	Interior Girder 4	31.95	0.95	1	1	2.06222
Type 3S2_str	BOBJ1	202.16	After	Interior Girder 5	31.95	0.95	1	1	2.123033
Type 3S2_str	BOBJ1	202.16	After	Interior Girder 6	31.95	0.95	1	1	2.185994
Type 3S2_str	BOBJ1	202.16	After	Right Exterior Girder	31.95	0.95	1	1	2.628562
Type 3S2_str	BOBJ1	208.55	Before	Left Exterior Girder	38.34	0.95	1	1	2.582386
Type 3S2_str	BOBJ1	208.55	Before	Interior Girder 1	38.34	0.95	1	1	2.315409
Type 3S2_str	BOBJ1	208.55	Before	Interior Girder 2	38.34	0.95	1	1	2.245142
Type 3S2_str	BOBJ1	208.55	Before	Interior Girder 3	38.34	0.95	1	1	2.224227
Type 3S2_str	BOBJ1	208.55	Before	Interior Girder 4	38.34	0.95	1	1	2.224227
Type 3S2_str	BOBJ1	208.55	Before	Interior Girder 5	38.34	0.95	1	1	2.245142
Type 3S2_str	BOBJ1	208.55	Before	Interior Girder 6	38.34	0.95	1	1	2.315409
Type 3S2_str	BOBJ1	208.55	Before	Right Exterior Girder	38.34	0.95	1	1	2.582386
Type 3S2_str	BOBJ1	208.55	After	Left Exterior Girder	38.34	0.95	1	1	2.551166
Type 3S2_str	BOBJ1	208.55	After	Interior Girder 1	38.34	0.95	1	1	2.333704
Type 3S2_str	BOBJ1	208.55	After	Interior Girder 2	38.34	0.95	1	1	2.240646
Type 3S2_str	BOBJ1	208.55	After	Interior Girder 3	38.34	0.95	1	1	2.203701
Type 3S2_str	BOBJ1	208.55	After	Interior Girder 4	38.34	0.95	1	1	2.203701
Type 3S2_str	BOBJ1	208.55	After	Interior Girder 5	38.34	0.95	1	1	2.240646
Type 3S2_str	BOBJ1	208.55	After	Interior Girder 6	38.34	0.95	1	1	2.333704
Type 3S2_str	BOBJ1	208.55	After	Right Exterior Girder	38.34	0.95	1	1	2.551166
Type 3S2_str	BOBJ1	215.1233	Before	Left Exterior Girder	44.9133	0.95	1	1	3.617775
Type 3S2_str	BOBJ1	215.1233	Before	Interior Girder 1	44.9133	0.95	1	1	2.738386
Type 3S2_str	BOBJ1	215.1233	Before	Interior Girder 2	44.9133	0.95	1	1	2.653709
Type 3S2_str	BOBJ1	215.1233	Before	Interior Girder 3	44.9133	0.95	1	1	2.541763
Type 3S2_str	BOBJ1	215.1233	Before	Interior Girder 4	44.9133	0.95	1	1	2.541763
Type 3S2_str	BOBJ1	215.1233	Before	Interior Girder 5	44.9133	0.95	1	1	2.653709
Type 3S2_str	BOBJ1	215.1233	Before	Interior Girder 6	44.9133	0.95	1	1	2.738386
Type 3S2_str	BOBJ1	215.1233	Before	Right Exterior Girder	44.9133	0.95	1	1	3.617775
Type 3S2_str	BOBJ1	215.1233	After	Left Exterior Girder	44.9133	0.95	1	1	3.58176
Type 3S2_str	BOBJ1	215.1233	After	Interior Girder 1	44.9133	0.95	1	1	2.755238
Type 3S2_str	BOBJ1	215.1233	After	Interior Girder 2	44.9133	0.95	1	1	2.621091
Type 3S2_str	BOBJ1	215.1233	After	Interior Girder 3	44.9133	0.95	1	1	2.49052
Type 3S2_str	BOBJ1	215.1233	After	Interior Girder 4	44.9133	0.95	1	1	2.49052
Type 3S2_str	BOBJ1	215.1233	After	Interior Girder 5	44.9133	0.95	1	1	2.621091
Type 3S2_str	BOBJ1	215.1233	After	Interior Girder 6	44.9133	0.95	1	1	2.755238
Type 3S2_str	BOBJ1	215.1233	After	Right Exterior Girder	44.9133	0.95	1	1	3.58176
Type 3S2_str	BOBJ1	221.6967	Before	Left Exterior Girder	51.4867	0.95	1	1	7.127976
Type 3S2_str	BOBJ1	221.6967	Before	Interior Girder 1	51.4867	0.95	1	1	4.516593
Type 3S2_str	BOBJ1	221.6967	Before	Interior Girder 2	51.4867	0.95	1	1	4.379075
Type 3S2_str	BOBJ1	221.6967	Before	Interior Girder 3	51.4867	0.95	1	1	3.99958
Type 3S2_str	BOBJ1	221.6967	Before	Interior Girder 4	51.4867	0.95	1	1	3.99958
Type 3S2_str	BOBJ1	221.6967	Before	Interior Girder 5	51.4867	0.95	1	1	4.379075
Type 3S2_str	BOBJ1	221.6967	Before	Interior Girder 6	51.4867	0.95	1	1	4.516593
Type 3S2_str	BOBJ1	221.6967	Before	Right Exterior Girder	51.4867	0.95	1	1	7.127976
Type 3S2_str	BOBJ1	221.6967	After	Left Exterior Girder	51.4867	0.95	1	1	7.004062
Type 3S2_str	BOBJ1	221.6967	After	Interior Girder 1	51.4867	0.95	1	1	4.573057
Type 3S2_str	BOBJ1	221.6967	After	Interior Girder 2	51.4867	0.95	1	1	4.31835
Type 3S2_str	BOBJ1	221.6967	After	Interior Girder 3	51.4867	0.95	1	1	3.853683
Type 3S2_str	BOBJ1	221.6967	After	Interior Girder 4	51.4867	0.95	1	1	3.853683
Type 3S2_str	BOBJ1	221.6967	After	Interior Girder 5	51.4867	0.95	1	1	4.31835
Type 3S2_str	BOBJ1	221.6967	After	Interior Girder 6	51.4867	0.95	1	1	4.573057
Type 3S2_str	BOBJ1	221.6967	After	Right Exterior Girder	51.4867	0.95	1	1	7.004062

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelINonCompStrgth-Flx - Approach, Span 16-19									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Type 3S2_str	BOBJ1	228.27	Before	Left Exterior Girder	58.06	0.95	1	1	525.804187
Type 3S2_str	BOBJ1	228.27	Before	Interior Girder 1	58.06	0.95	1	1	381.510808
Type 3S2_str	BOBJ1	228.27	Before	Interior Girder 2	58.06	0.95	1	1	294.557343
Type 3S2_str	BOBJ1	228.27	Before	Interior Girder 3	58.06	0.95	1	1	209.354274
Type 3S2_str	BOBJ1	228.27	Before	Interior Girder 4	58.06	0.95	1	1	209.354273
Type 3S2_str	BOBJ1	228.27	Before	Interior Girder 5	58.06	0.95	1	1	294.557343
Type 3S2_str	BOBJ1	228.27	Before	Interior Girder 6	58.06	0.95	1	1	381.510807
Type 3S2_str	BOBJ1	228.27	Before	Right Exterior Girder	58.06	0.95	1	1	525.804186
Type 3-3_str	BOBJ1	0	After	Left Exterior Girder	0	0.95	1	1	604.48104
Type 3-3_str	BOBJ1	0	After	Interior Girder 1	0	0.95	1	1	580.769416
Type 3-3_str	BOBJ1	0	After	Interior Girder 2	0	0.95	1	1	343.521797
Type 3-3_str	BOBJ1	0	After	Interior Girder 3	0	0.95	1	1	274.082997
Type 3-3_str	BOBJ1	0	After	Interior Girder 4	0	0.95	1	1	274.082997
Type 3-3_str	BOBJ1	0	After	Interior Girder 5	0	0.95	1	1	343.521801
Type 3-3_str	BOBJ1	0	After	Interior Girder 6	0	0.95	1	1	580.769416
Type 3-3_str	BOBJ1	0	After	Right Exterior Girder	0	0.95	1	1	604.48104
Type 3-3_str	BOBJ1	5.3833	Before	Left Exterior Girder	5.3833	0.95	1	1	8.650703
Type 3-3_str	BOBJ1	5.3833	Before	Interior Girder 1	5.3833	0.95	1	1	5.524201
Type 3-3_str	BOBJ1	5.3833	Before	Interior Girder 2	5.3833	0.95	1	1	5.200185
Type 3-3_str	BOBJ1	5.3833	Before	Interior Girder 3	5.3833	0.95	1	1	4.49358
Type 3-3_str	BOBJ1	5.3833	Before	Interior Girder 4	5.3833	0.95	1	1	4.49358
Type 3-3_str	BOBJ1	5.3833	Before	Interior Girder 5	5.3833	0.95	1	1	5.200185
Type 3-3_str	BOBJ1	5.3833	Before	Interior Girder 6	5.3833	0.95	1	1	5.524201
Type 3-3_str	BOBJ1	5.3833	Before	Right Exterior Girder	5.3833	0.95	1	1	8.650703
Type 3-3_str	BOBJ1	5.3833	After	Left Exterior Girder	5.3833	0.95	1	1	8.780465
Type 3-3_str	BOBJ1	5.3833	After	Interior Girder 1	5.3833	0.95	1	1	5.527209
Type 3-3_str	BOBJ1	5.3833	After	Interior Girder 2	5.3833	0.95	1	1	5.280461
Type 3-3_str	BOBJ1	5.3833	After	Interior Girder 3	5.3833	0.95	1	1	4.64417
Type 3-3_str	BOBJ1	5.3833	After	Interior Girder 4	5.3833	0.95	1	1	4.64417
Type 3-3_str	BOBJ1	5.3833	After	Interior Girder 5	5.3833	0.95	1	1	5.280461
Type 3-3_str	BOBJ1	5.3833	After	Interior Girder 6	5.3833	0.95	1	1	5.527209
Type 3-3_str	BOBJ1	5.3833	After	Right Exterior Girder	5.3833	0.95	1	1	8.780465
Type 3-3_str	BOBJ1	10.7667	Before	Left Exterior Girder	10.7667	0.95	1	1	4.942186
Type 3-3_str	BOBJ1	10.7667	Before	Interior Girder 1	10.7667	0.95	1	1	3.67127
Type 3-3_str	BOBJ1	10.7667	Before	Interior Girder 2	10.7667	0.95	1	1	3.428128
Type 3-3_str	BOBJ1	10.7667	Before	Interior Girder 3	10.7667	0.95	1	1	3.216894
Type 3-3_str	BOBJ1	10.7667	Before	Interior Girder 4	10.7667	0.95	1	1	3.216894
Type 3-3_str	BOBJ1	10.7667	Before	Interior Girder 5	10.7667	0.95	1	1	3.428128
Type 3-3_str	BOBJ1	10.7667	Before	Interior Girder 6	10.7667	0.95	1	1	3.67127
Type 3-3_str	BOBJ1	10.7667	Before	Right Exterior Girder	10.7667	0.95	1	1	4.942186
Type 3-3_str	BOBJ1	10.7667	After	Left Exterior Girder	10.7667	0.95	1	1	4.944178
Type 3-3_str	BOBJ1	10.7667	After	Interior Girder 1	10.7667	0.95	1	1	3.675115
Type 3-3_str	BOBJ1	10.7667	After	Interior Girder 2	10.7667	0.95	1	1	3.474184
Type 3-3_str	BOBJ1	10.7667	After	Interior Girder 3	10.7667	0.95	1	1	3.26558
Type 3-3_str	BOBJ1	10.7667	After	Interior Girder 4	10.7667	0.95	1	1	3.26558
Type 3-3_str	BOBJ1	10.7667	After	Interior Girder 5	10.7667	0.95	1	1	3.474184
Type 3-3_str	BOBJ1	10.7667	After	Interior Girder 6	10.7667	0.95	1	1	3.675115
Type 3-3_str	BOBJ1	10.7667	After	Right Exterior Girder	10.7667	0.95	1	1	4.944178
Type 3-3_str	BOBJ1	16.15	Before	Left Exterior Girder	16.15	0.95	1	1	3.806444
Type 3-3_str	BOBJ1	16.15	Before	Interior Girder 1	16.15	0.95	1	1	3.325633
Type 3-3_str	BOBJ1	16.15	Before	Interior Girder 2	16.15	0.95	1	1	3.104004
Type 3-3_str	BOBJ1	16.15	Before	Interior Girder 3	16.15	0.95	1	1	2.98748
Type 3-3_str	BOBJ1	16.15	Before	Interior Girder 4	16.15	0.95	1	1	2.98748
Type 3-3_str	BOBJ1	16.15	Before	Interior Girder 5	16.15	0.95	1	1	3.104004
Type 3-3_str	BOBJ1	16.15	Before	Interior Girder 6	16.15	0.95	1	1	3.325633
Type 3-3_str	BOBJ1	16.15	Before	Right Exterior Girder	16.15	0.95	1	1	3.806444
Type 3-3_str	BOBJ1	16.15	After	Left Exterior Girder	16.15	0.95	1	1	3.823837
Type 3-3_str	BOBJ1	16.15	After	Interior Girder 1	16.15	0.95	1	1	3.310534
Type 3-3_str	BOBJ1	16.15	After	Interior Girder 2	16.15	0.95	1	1	3.107887
Type 3-3_str	BOBJ1	16.15	After	Interior Girder 3	16.15	0.95	1	1	2.991828
Type 3-3_str	BOBJ1	16.15	After	Interior Girder 4	16.15	0.95	1	1	2.991828
Type 3-3_str	BOBJ1	16.15	After	Interior Girder 5	16.15	0.95	1	1	3.107887
Type 3-3_str	BOBJ1	16.15	After	Interior Girder 6	16.15	0.95	1	1	3.310534
Type 3-3_str	BOBJ1	16.15	After	Right Exterior Girder	16.15	0.95	1	1	3.823837
Type 3-3_str	BOBJ1	22.1267	Before	Left Exterior Girder	22.1267	0.95	1	1	4.262798

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelINonCompStrgth-Flx - Approach, Span 16-19									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Type 3-3_str	BOBJ1	22.1267	Before	Interior Girder 1	22.1267	0.95	1	1	3.260496
Type 3-3_str	BOBJ1	22.1267	Before	Interior Girder 2	22.1267	0.95	1	1	3.078383
Type 3-3_str	BOBJ1	22.1267	Before	Interior Girder 3	22.1267	0.95	1	1	2.906688
Type 3-3_str	BOBJ1	22.1267	Before	Interior Girder 4	22.1267	0.95	1	1	2.906688
Type 3-3_str	BOBJ1	22.1267	Before	Interior Girder 5	22.1267	0.95	1	1	3.078383
Type 3-3_str	BOBJ1	22.1267	Before	Interior Girder 6	22.1267	0.95	1	1	3.260496
Type 3-3_str	BOBJ1	22.1267	Before	Right Exterior Girder	22.1267	0.95	1	1	4.262798
Type 3-3_str	BOBJ1	22.1267	After	Left Exterior Girder	22.1267	0.95	1	1	4.288809
Type 3-3_str	BOBJ1	22.1267	After	Interior Girder 1	22.1267	0.95	1	1	3.247491
Type 3-3_str	BOBJ1	22.1267	After	Interior Girder 2	22.1267	0.95	1	1	3.065155
Type 3-3_str	BOBJ1	22.1267	After	Interior Girder 3	22.1267	0.95	1	1	2.899903
Type 3-3_str	BOBJ1	22.1267	After	Interior Girder 4	22.1267	0.95	1	1	2.899903
Type 3-3_str	BOBJ1	22.1267	After	Interior Girder 5	22.1267	0.95	1	1	3.065155
Type 3-3_str	BOBJ1	22.1267	After	Interior Girder 6	22.1267	0.95	1	1	3.247491
Type 3-3_str	BOBJ1	22.1267	After	Right Exterior Girder	22.1267	0.95	1	1	4.288809
Type 3-3_str	BOBJ1	28.1033	Before	Left Exterior Girder	28.1033	0.95	1	1	5.363878
Type 3-3_str	BOBJ1	28.1033	Before	Interior Girder 1	28.1033	0.95	1	1	3.868288
Type 3-3_str	BOBJ1	28.1033	Before	Interior Girder 2	28.1033	0.95	1	1	3.641274
Type 3-3_str	BOBJ1	28.1033	Before	Interior Girder 3	28.1033	0.95	1	1	3.490328
Type 3-3_str	BOBJ1	28.1033	Before	Interior Girder 4	28.1033	0.95	1	1	3.490328
Type 3-3_str	BOBJ1	28.1033	Before	Interior Girder 5	28.1033	0.95	1	1	3.641274
Type 3-3_str	BOBJ1	28.1033	Before	Interior Girder 6	28.1033	0.95	1	1	3.868288
Type 3-3_str	BOBJ1	28.1033	Before	Right Exterior Girder	28.1033	0.95	1	1	5.363878
Type 3-3_str	BOBJ1	28.1033	After	Left Exterior Girder	28.1033	0.95	1	1	5.288782
Type 3-3_str	BOBJ1	28.1033	After	Interior Girder 1	28.1033	0.95	1	1	3.910054
Type 3-3_str	BOBJ1	28.1033	After	Interior Girder 2	28.1033	0.95	1	1	3.64791
Type 3-3_str	BOBJ1	28.1033	After	Interior Girder 3	28.1033	0.95	1	1	3.469451
Type 3-3_str	BOBJ1	28.1033	After	Interior Girder 4	28.1033	0.95	1	1	3.469451
Type 3-3_str	BOBJ1	28.1033	After	Interior Girder 5	28.1033	0.95	1	1	3.64791
Type 3-3_str	BOBJ1	28.1033	After	Interior Girder 6	28.1033	0.95	1	1	3.910054
Type 3-3_str	BOBJ1	28.1033	After	Right Exterior Girder	28.1033	0.95	1	1	5.288782
Type 3-3_str	BOBJ1	34.08	Before	Left Exterior Girder	34.08	0.95	1	1	4.800615
Type 3-3_str	BOBJ1	34.08	Before	Interior Girder 1	34.08	0.95	1	1	4.872803
Type 3-3_str	BOBJ1	34.08	Before	Interior Girder 2	34.08	0.95	1	1	4.895259
Type 3-3_str	BOBJ1	34.08	Before	Interior Girder 3	34.08	0.95	1	1	5.09478
Type 3-3_str	BOBJ1	34.08	Before	Interior Girder 4	34.08	0.95	1	1	5.09478
Type 3-3_str	BOBJ1	34.08	Before	Interior Girder 5	34.08	0.95	1	1	4.895259
Type 3-3_str	BOBJ1	34.08	Before	Interior Girder 6	34.08	0.95	1	1	4.872803
Type 3-3_str	BOBJ1	34.08	Before	Right Exterior Girder	34.08	0.95	1	1	4.800615
Type 3-3_str	BOBJ1	34.08	After	Left Exterior Girder	34.08	0.95	1	1	4.565904
Type 3-3_str	BOBJ1	34.08	After	Interior Girder 1	34.08	0.95	1	1	4.817075
Type 3-3_str	BOBJ1	34.08	After	Interior Girder 2	34.08	0.95	1	1	4.857911
Type 3-3_str	BOBJ1	34.08	After	Interior Girder 3	34.08	0.95	1	1	5.101863
Type 3-3_str	BOBJ1	34.08	After	Interior Girder 4	34.08	0.95	1	1	5.101863
Type 3-3_str	BOBJ1	34.08	After	Interior Girder 5	34.08	0.95	1	1	4.857911
Type 3-3_str	BOBJ1	34.08	After	Interior Girder 6	34.08	0.95	1	1	4.817075
Type 3-3_str	BOBJ1	34.08	After	Right Exterior Girder	34.08	0.95	1	1	4.565904
Type 3-3_str	BOBJ1	39.855	Before	Left Exterior Girder	39.855	0.95	1	1	2.859451
Type 3-3_str	BOBJ1	39.855	Before	Interior Girder 1	39.855	0.95	1	1	3.596667
Type 3-3_str	BOBJ1	39.855	Before	Interior Girder 2	39.855	0.95	1	1	3.58694
Type 3-3_str	BOBJ1	39.855	Before	Interior Girder 3	39.855	0.95	1	1	3.407413
Type 3-3_str	BOBJ1	39.855	Before	Interior Girder 4	39.855	0.95	1	1	3.407413
Type 3-3_str	BOBJ1	39.855	Before	Interior Girder 5	39.855	0.95	1	1	3.58694
Type 3-3_str	BOBJ1	39.855	Before	Interior Girder 6	39.855	0.95	1	1	3.596667
Type 3-3_str	BOBJ1	39.855	Before	Right Exterior Girder	39.855	0.95	1	1	2.859451
Type 3-3_str	BOBJ1	39.855	After	Left Exterior Girder	39.855	0.95	1	1	2.92456
Type 3-3_str	BOBJ1	39.855	After	Interior Girder 1	39.855	0.95	1	1	3.538488
Type 3-3_str	BOBJ1	39.855	After	Interior Girder 2	39.855	0.95	1	1	3.542383
Type 3-3_str	BOBJ1	39.855	After	Interior Girder 3	39.855	0.95	1	1	3.390426
Type 3-3_str	BOBJ1	39.855	After	Interior Girder 4	39.855	0.95	1	1	3.390426
Type 3-3_str	BOBJ1	39.855	After	Interior Girder 5	39.855	0.95	1	1	3.542383
Type 3-3_str	BOBJ1	39.855	After	Interior Girder 6	39.855	0.95	1	1	3.538488
Type 3-3_str	BOBJ1	39.855	After	Right Exterior Girder	39.855	0.95	1	1	2.92456
Type 3-3_str	BOBJ1	40.0288	Before	Left Exterior Girder	40.0288	0.95	1	1	2.859141
Type 3-3_str	BOBJ1	40.0288	Before	Right Exterior Girder	40.0288	0.95	1	1	2.859141

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelINonCompStrgth-Flx - Approach, Span 16-19									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Type 3-3_str	BOBJ1	40.0288	After	Left Exterior Girder	40.0288	0.95	1	1	4.229719
Type 3-3_str	BOBJ1	40.0288	After	Right Exterior Girder	40.0288	0.95	1	1	4.229719
Type 3-3_str	BOBJ1	45.63	Before	Left Exterior Girder	45.63	0.95	1	1	2.483416
Type 3-3_str	BOBJ1	45.63	Before	Interior Girder 1	45.63	0.95	1	1	2.134647
Type 3-3_str	BOBJ1	45.63	Before	Interior Girder 2	45.63	0.95	1	1	2.1206
Type 3-3_str	BOBJ1	45.63	Before	Interior Girder 3	45.63	0.95	1	1	1.666197
Type 3-3_str	BOBJ1	45.63	Before	Interior Girder 4	45.63	0.95	1	1	1.666197
Type 3-3_str	BOBJ1	45.63	Before	Interior Girder 5	45.63	0.95	1	1	2.1206
Type 3-3_str	BOBJ1	45.63	Before	Interior Girder 6	45.63	0.95	1	1	2.134647
Type 3-3_str	BOBJ1	45.63	Before	Right Exterior Girder	45.63	0.95	1	1	2.483416
Type 3-3_str	BOBJ1	45.63	After	Left Exterior Girder	0	0.95	1	1	2.49931
Type 3-3_str	BOBJ1	45.63	After	Interior Girder 1	0	0.95	1	1	2.090134
Type 3-3_str	BOBJ1	45.63	After	Interior Girder 2	0	0.95	1	1	2.082759
Type 3-3_str	BOBJ1	45.63	After	Interior Girder 3	0	0.95	1	1	1.629689
Type 3-3_str	BOBJ1	45.63	After	Interior Girder 4	0	0.95	1	1	1.629689
Type 3-3_str	BOBJ1	45.63	After	Interior Girder 5	0	0.95	1	1	2.082759
Type 3-3_str	BOBJ1	45.63	After	Interior Girder 6	0	0.95	1	1	2.090134
Type 3-3_str	BOBJ1	45.63	After	Right Exterior Girder	0	0.95	1	1	2.49931
Type 3-3_str	BOBJ1	50.6298	Before	Left Exterior Girder	4.9998	0.95	1	1	6.694018
Type 3-3_str	BOBJ1	50.6298	Before	Right Exterior Girder	4.9998	0.95	1	1	6.694018
Type 3-3_str	BOBJ1	50.6298	After	Left Exterior Girder	4.9998	0.95	1	1	4.326659
Type 3-3_str	BOBJ1	50.6298	After	Right Exterior Girder	4.9998	0.95	1	1	4.326659
Type 3-3_str	BOBJ1	51.4	Before	Left Exterior Girder	5.77	0.95	1	1	5.477786
Type 3-3_str	BOBJ1	51.4	Before	Interior Girder 1	5.77	0.95	1	1	5.550114
Type 3-3_str	BOBJ1	51.4	Before	Interior Girder 2	5.77	0.95	1	1	5.394945
Type 3-3_str	BOBJ1	51.4	Before	Interior Girder 3	5.77	0.95	1	1	4.850225
Type 3-3_str	BOBJ1	51.4	Before	Interior Girder 4	5.77	0.95	1	1	4.850225
Type 3-3_str	BOBJ1	51.4	Before	Interior Girder 5	5.77	0.95	1	1	5.394945
Type 3-3_str	BOBJ1	51.4	Before	Interior Girder 6	5.77	0.95	1	1	5.550114
Type 3-3_str	BOBJ1	51.4	Before	Right Exterior Girder	5.77	0.95	1	1	5.477786
Type 3-3_str	BOBJ1	51.4	After	Left Exterior Girder	5.77	0.95	1	1	5.273462
Type 3-3_str	BOBJ1	51.4	After	Interior Girder 1	5.77	0.95	1	1	5.675764
Type 3-3_str	BOBJ1	51.4	After	Interior Girder 2	5.77	0.95	1	1	5.357935
Type 3-3_str	BOBJ1	51.4	After	Interior Girder 3	5.77	0.95	1	1	4.73846
Type 3-3_str	BOBJ1	51.4	After	Interior Girder 4	5.77	0.95	1	1	4.73846
Type 3-3_str	BOBJ1	51.4	After	Interior Girder 5	5.77	0.95	1	1	5.357935
Type 3-3_str	BOBJ1	51.4	After	Interior Girder 6	5.77	0.95	1	1	5.675764
Type 3-3_str	BOBJ1	51.4	After	Right Exterior Girder	5.77	0.95	1	1	5.273462
Type 3-3_str	BOBJ1	57.17	Before	Left Exterior Girder	11.54	0.95	1	1	10.09222
Type 3-3_str	BOBJ1	57.17	Before	Interior Girder 1	11.54	0.95	1	1	7.809343
Type 3-3_str	BOBJ1	57.17	Before	Interior Girder 2	11.54	0.95	1	1	6.746413
Type 3-3_str	BOBJ1	57.17	Before	Interior Girder 3	11.54	0.95	1	1	6.439833
Type 3-3_str	BOBJ1	57.17	Before	Interior Girder 4	11.54	0.95	1	1	6.439833
Type 3-3_str	BOBJ1	57.17	Before	Interior Girder 5	11.54	0.95	1	1	6.746413
Type 3-3_str	BOBJ1	57.17	Before	Interior Girder 6	11.54	0.95	1	1	7.809343
Type 3-3_str	BOBJ1	57.17	Before	Right Exterior Girder	11.54	0.95	1	1	10.09222
Type 3-3_str	BOBJ1	57.17	After	Left Exterior Girder	11.54	0.95	1	1	10.216038
Type 3-3_str	BOBJ1	57.17	After	Interior Girder 1	11.54	0.95	1	1	7.695318
Type 3-3_str	BOBJ1	57.17	After	Interior Girder 2	11.54	0.95	1	1	6.685984
Type 3-3_str	BOBJ1	57.17	After	Interior Girder 3	11.54	0.95	1	1	6.526709
Type 3-3_str	BOBJ1	57.17	After	Interior Girder 4	11.54	0.95	1	1	6.526709
Type 3-3_str	BOBJ1	57.17	After	Interior Girder 5	11.54	0.95	1	1	6.685984
Type 3-3_str	BOBJ1	57.17	After	Interior Girder 6	11.54	0.95	1	1	7.695318
Type 3-3_str	BOBJ1	57.17	After	Right Exterior Girder	11.54	0.95	1	1	10.216038
Type 3-3_str	BOBJ1	63.34	Before	Left Exterior Girder	17.71	0.95	1	1	4.497142
Type 3-3_str	BOBJ1	63.34	Before	Interior Girder 1	17.71	0.95	1	1	3.642837
Type 3-3_str	BOBJ1	63.34	Before	Interior Girder 2	17.71	0.95	1	1	3.387096
Type 3-3_str	BOBJ1	63.34	Before	Interior Girder 3	17.71	0.95	1	1	3.230807
Type 3-3_str	BOBJ1	63.34	Before	Interior Girder 4	17.71	0.95	1	1	3.230807
Type 3-3_str	BOBJ1	63.34	Before	Interior Girder 5	17.71	0.95	1	1	3.387096
Type 3-3_str	BOBJ1	63.34	Before	Interior Girder 6	17.71	0.95	1	1	3.642837
Type 3-3_str	BOBJ1	63.34	Before	Right Exterior Girder	17.71	0.95	1	1	4.497142
Type 3-3_str	BOBJ1	63.34	After	Left Exterior Girder	17.71	0.95	1	1	4.664316
Type 3-3_str	BOBJ1	63.34	After	Interior Girder 1	17.71	0.95	1	1	3.563475
Type 3-3_str	BOBJ1	63.34	After	Interior Girder 2	17.71	0.95	1	1	3.366686

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelINonCompStrgth-Flx - Approach, Span 16-19									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Type 3-3_str	BOBJ1	63.34	After	Interior Girder 3	17.71	0.95	1	1	3.272705
Type 3-3_str	BOBJ1	63.34	After	Interior Girder 4	17.71	0.95	1	1	3.272705
Type 3-3_str	BOBJ1	63.34	After	Interior Girder 5	17.71	0.95	1	1	3.366686
Type 3-3_str	BOBJ1	63.34	After	Interior Girder 6	17.71	0.95	1	1	3.563475
Type 3-3_str	BOBJ1	63.34	After	Right Exterior Girder	17.71	0.95	1	1	4.664316
Type 3-3_str	BOBJ1	69.51	Before	Left Exterior Girder	23.88	0.95	1	1	2.836249
Type 3-3_str	BOBJ1	69.51	Before	Interior Girder 1	23.88	0.95	1	1	2.498846
Type 3-3_str	BOBJ1	69.51	Before	Interior Girder 2	23.88	0.95	1	1	2.40998
Type 3-3_str	BOBJ1	69.51	Before	Interior Girder 3	23.88	0.95	1	1	2.329556
Type 3-3_str	BOBJ1	69.51	Before	Interior Girder 4	23.88	0.95	1	1	2.329556
Type 3-3_str	BOBJ1	69.51	Before	Interior Girder 5	23.88	0.95	1	1	2.40998
Type 3-3_str	BOBJ1	69.51	Before	Interior Girder 6	23.88	0.95	1	1	2.498846
Type 3-3_str	BOBJ1	69.51	Before	Right Exterior Girder	23.88	0.95	1	1	2.836249
Type 3-3_str	BOBJ1	69.51	After	Left Exterior Girder	23.88	0.95	1	1	2.873054
Type 3-3_str	BOBJ1	69.51	After	Interior Girder 1	23.88	0.95	1	1	2.489264
Type 3-3_str	BOBJ1	69.51	After	Interior Girder 2	23.88	0.95	1	1	2.419887
Type 3-3_str	BOBJ1	69.51	After	Interior Girder 3	23.88	0.95	1	1	2.35507
Type 3-3_str	BOBJ1	69.51	After	Interior Girder 4	23.88	0.95	1	1	2.35507
Type 3-3_str	BOBJ1	69.51	After	Interior Girder 5	23.88	0.95	1	1	2.419887
Type 3-3_str	BOBJ1	69.51	After	Interior Girder 6	23.88	0.95	1	1	2.489264
Type 3-3_str	BOBJ1	69.51	After	Right Exterior Girder	23.88	0.95	1	1	2.873054
Type 3-3_str	BOBJ1	75.68	Before	Left Exterior Girder	30.05	0.95	1	1	2.183245
Type 3-3_str	BOBJ1	75.68	Before	Interior Girder 1	30.05	0.95	1	1	2.238544
Type 3-3_str	BOBJ1	75.68	Before	Interior Girder 2	30.05	0.95	1	1	2.234554
Type 3-3_str	BOBJ1	75.68	Before	Interior Girder 3	30.05	0.95	1	1	2.175974
Type 3-3_str	BOBJ1	75.68	Before	Interior Girder 4	30.05	0.95	1	1	2.175974
Type 3-3_str	BOBJ1	75.68	Before	Interior Girder 5	30.05	0.95	1	1	2.234554
Type 3-3_str	BOBJ1	75.68	Before	Interior Girder 6	30.05	0.95	1	1	2.238544
Type 3-3_str	BOBJ1	75.68	Before	Right Exterior Girder	30.05	0.95	1	1	2.183245
Type 3-3_str	BOBJ1	75.68	After	Left Exterior Girder	30.05	0.95	1	1	2.200216
Type 3-3_str	BOBJ1	75.68	After	Interior Girder 1	30.05	0.95	1	1	2.227037
Type 3-3_str	BOBJ1	75.68	After	Interior Girder 2	30.05	0.95	1	1	2.229275
Type 3-3_str	BOBJ1	75.68	After	Interior Girder 3	30.05	0.95	1	1	2.175693
Type 3-3_str	BOBJ1	75.68	After	Interior Girder 4	30.05	0.95	1	1	2.175693
Type 3-3_str	BOBJ1	75.68	After	Interior Girder 5	30.05	0.95	1	1	2.229275
Type 3-3_str	BOBJ1	75.68	After	Interior Girder 6	30.05	0.95	1	1	2.227037
Type 3-3_str	BOBJ1	75.68	After	Right Exterior Girder	30.05	0.95	1	1	2.200216
Type 3-3_str	BOBJ1	81.8467	Before	Left Exterior Girder	36.2167	0.95	1	1	2.253816
Type 3-3_str	BOBJ1	81.8467	Before	Interior Girder 1	36.2167	0.95	1	1	2.118801
Type 3-3_str	BOBJ1	81.8467	Before	Interior Girder 2	36.2167	0.95	1	1	2.076588
Type 3-3_str	BOBJ1	81.8467	Before	Interior Girder 3	36.2167	0.95	1	1	2.028247
Type 3-3_str	BOBJ1	81.8467	Before	Interior Girder 4	36.2167	0.95	1	1	2.028247
Type 3-3_str	BOBJ1	81.8467	Before	Interior Girder 5	36.2167	0.95	1	1	2.076588
Type 3-3_str	BOBJ1	81.8467	Before	Interior Girder 6	36.2167	0.95	1	1	2.118801
Type 3-3_str	BOBJ1	81.8467	Before	Right Exterior Girder	36.2167	0.95	1	1	2.253816
Type 3-3_str	BOBJ1	81.8467	After	Left Exterior Girder	36.2167	0.95	1	1	2.257797
Type 3-3_str	BOBJ1	81.8467	After	Interior Girder 1	36.2167	0.95	1	1	2.113339
Type 3-3_str	BOBJ1	81.8467	After	Interior Girder 2	36.2167	0.95	1	1	2.06768
Type 3-3_str	BOBJ1	81.8467	After	Interior Girder 3	36.2167	0.95	1	1	2.018024
Type 3-3_str	BOBJ1	81.8467	After	Interior Girder 4	36.2167	0.95	1	1	2.018024
Type 3-3_str	BOBJ1	81.8467	After	Interior Girder 5	36.2167	0.95	1	1	2.06768
Type 3-3_str	BOBJ1	81.8467	After	Interior Girder 6	36.2167	0.95	1	1	2.113339
Type 3-3_str	BOBJ1	81.8467	After	Right Exterior Girder	36.2167	0.95	1	1	2.257797
Type 3-3_str	BOBJ1	88.0133	Before	Left Exterior Girder	42.3833	0.95	1	1	2.733
Type 3-3_str	BOBJ1	88.0133	Before	Interior Girder 1	42.3833	0.95	1	1	2.375551
Type 3-3_str	BOBJ1	88.0133	Before	Interior Girder 2	42.3833	0.95	1	1	2.319793
Type 3-3_str	BOBJ1	88.0133	Before	Interior Girder 3	42.3833	0.95	1	1	2.256307
Type 3-3_str	BOBJ1	88.0133	Before	Interior Girder 4	42.3833	0.95	1	1	2.256307
Type 3-3_str	BOBJ1	88.0133	Before	Interior Girder 5	42.3833	0.95	1	1	2.319793
Type 3-3_str	BOBJ1	88.0133	Before	Interior Girder 6	42.3833	0.95	1	1	2.375551
Type 3-3_str	BOBJ1	88.0133	Before	Right Exterior Girder	42.3833	0.95	1	1	2.733
Type 3-3_str	BOBJ1	88.0133	After	Left Exterior Girder	42.3833	0.95	1	1	2.664802
Type 3-3_str	BOBJ1	88.0133	After	Interior Girder 1	42.3833	0.95	1	1	2.41088
Type 3-3_str	BOBJ1	88.0133	After	Interior Girder 2	42.3833	0.95	1	1	2.334793
Type 3-3_str	BOBJ1	88.0133	After	Interior Girder 3	42.3833	0.95	1	1	2.246008

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelINonCompStrgth-Flx - Approach, Span 16-19									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Type 3-3_str	BOBJ1	88.0133	After	Interior Girder 4	42.3833	0.95	1	1	2.246008
Type 3-3_str	BOBJ1	88.0133	After	Interior Girder 5	42.3833	0.95	1	1	2.334793
Type 3-3_str	BOBJ1	88.0133	After	Interior Girder 6	42.3833	0.95	1	1	2.41088
Type 3-3_str	BOBJ1	88.0133	After	Right Exterior Girder	42.3833	0.95	1	1	2.664802
Type 3-3_str	BOBJ1	94.18	Before	Left Exterior Girder	48.55	0.95	1	1	3.749285
Type 3-3_str	BOBJ1	94.18	Before	Interior Girder 1	48.55	0.95	1	1	3.543884
Type 3-3_str	BOBJ1	94.18	Before	Interior Girder 2	48.55	0.95	1	1	3.307563
Type 3-3_str	BOBJ1	94.18	Before	Interior Girder 3	48.55	0.95	1	1	3.286373
Type 3-3_str	BOBJ1	94.18	Before	Interior Girder 4	48.55	0.95	1	1	3.286373
Type 3-3_str	BOBJ1	94.18	Before	Interior Girder 5	48.55	0.95	1	1	3.307563
Type 3-3_str	BOBJ1	94.18	Before	Interior Girder 6	48.55	0.95	1	1	3.543884
Type 3-3_str	BOBJ1	94.18	Before	Right Exterior Girder	48.55	0.95	1	1	3.749285
Type 3-3_str	BOBJ1	94.18	After	Left Exterior Girder	48.55	0.95	1	1	3.656924
Type 3-3_str	BOBJ1	94.18	After	Interior Girder 1	48.55	0.95	1	1	3.604413
Type 3-3_str	BOBJ1	94.18	After	Interior Girder 2	48.55	0.95	1	1	3.320893
Type 3-3_str	BOBJ1	94.18	After	Interior Girder 3	48.55	0.95	1	1	3.251595
Type 3-3_str	BOBJ1	94.18	After	Interior Girder 4	48.55	0.95	1	1	3.251595
Type 3-3_str	BOBJ1	94.18	After	Interior Girder 5	48.55	0.95	1	1	3.320893
Type 3-3_str	BOBJ1	94.18	After	Interior Girder 6	48.55	0.95	1	1	3.604413
Type 3-3_str	BOBJ1	94.18	After	Right Exterior Girder	48.55	0.95	1	1	3.656924
Type 3-3_str	BOBJ1	100.3567	Before	Left Exterior Girder	54.7267	0.95	1	1	7.077373
Type 3-3_str	BOBJ1	100.3567	Before	Interior Girder 1	54.7267	0.95	1	1	5.976027
Type 3-3_str	BOBJ1	100.3567	Before	Interior Girder 2	54.7267	0.95	1	1	5.401985
Type 3-3_str	BOBJ1	100.3567	Before	Interior Girder 3	54.7267	0.95	1	1	5.277537
Type 3-3_str	BOBJ1	100.3567	Before	Interior Girder 4	54.7267	0.95	1	1	5.277537
Type 3-3_str	BOBJ1	100.3567	Before	Interior Girder 5	54.7267	0.95	1	1	5.401985
Type 3-3_str	BOBJ1	100.3567	Before	Interior Girder 6	54.7267	0.95	1	1	5.976027
Type 3-3_str	BOBJ1	100.3567	Before	Right Exterior Girder	54.7267	0.95	1	1	7.077373
Type 3-3_str	BOBJ1	100.3567	After	Left Exterior Girder	54.7267	0.95	1	1	7.208419
Type 3-3_str	BOBJ1	100.3567	After	Interior Girder 1	54.7267	0.95	1	1	6.001517
Type 3-3_str	BOBJ1	100.3567	After	Interior Girder 2	54.7267	0.95	1	1	5.408164
Type 3-3_str	BOBJ1	100.3567	After	Interior Girder 3	54.7267	0.95	1	1	5.134729
Type 3-3_str	BOBJ1	100.3567	After	Interior Girder 4	54.7267	0.95	1	1	5.134729
Type 3-3_str	BOBJ1	100.3567	After	Interior Girder 5	54.7267	0.95	1	1	5.408164
Type 3-3_str	BOBJ1	100.3567	After	Interior Girder 6	54.7267	0.95	1	1	6.001517
Type 3-3_str	BOBJ1	100.3567	After	Right Exterior Girder	54.7267	0.95	1	1	7.208419
Type 3-3_str	BOBJ1	106.5333	Before	Left Exterior Girder	60.9033	0.95	1	1	4.410214
Type 3-3_str	BOBJ1	106.5333	Before	Interior Girder 1	60.9033	0.95	1	1	5.813471
Type 3-3_str	BOBJ1	106.5333	Before	Interior Girder 2	60.9033	0.95	1	1	5.376054
Type 3-3_str	BOBJ1	106.5333	Before	Interior Girder 3	60.9033	0.95	1	1	4.874254
Type 3-3_str	BOBJ1	106.5333	Before	Interior Girder 4	60.9033	0.95	1	1	4.874254
Type 3-3_str	BOBJ1	106.5333	Before	Interior Girder 5	60.9033	0.95	1	1	5.376054
Type 3-3_str	BOBJ1	106.5333	Before	Interior Girder 6	60.9033	0.95	1	1	5.813471
Type 3-3_str	BOBJ1	106.5333	Before	Right Exterior Girder	60.9033	0.95	1	1	4.410214
Type 3-3_str	BOBJ1	106.5333	After	Left Exterior Girder	60.9033	0.95	1	1	4.549135
Type 3-3_str	BOBJ1	106.5333	After	Interior Girder 1	60.9033	0.95	1	1	5.65101
Type 3-3_str	BOBJ1	106.5333	After	Interior Girder 2	60.9033	0.95	1	1	5.324062
Type 3-3_str	BOBJ1	106.5333	After	Interior Girder 3	60.9033	0.95	1	1	4.907765
Type 3-3_str	BOBJ1	106.5333	After	Interior Girder 4	60.9033	0.95	1	1	4.907765
Type 3-3_str	BOBJ1	106.5333	After	Interior Girder 5	60.9033	0.95	1	1	5.324062
Type 3-3_str	BOBJ1	106.5333	After	Interior Girder 6	60.9033	0.95	1	1	5.65101
Type 3-3_str	BOBJ1	106.5333	After	Right Exterior Girder	60.9033	0.95	1	1	4.549135
Type 3-3_str	BOBJ1	108.2102	Before	Left Exterior Girder	62.5802	0.95	1	1	3.246765
Type 3-3_str	BOBJ1	108.2102	Before	Right Exterior Girder	62.5802	0.95	1	1	3.246765
Type 3-3_str	BOBJ1	108.2102	After	Left Exterior Girder	62.5802	0.95	1	1	5.159427
Type 3-3_str	BOBJ1	108.2102	After	Right Exterior Girder	62.5802	0.95	1	1	5.159427
Type 3-3_str	BOBJ1	112.71	Before	Left Exterior Girder	67.08	0.95	1	1	2.20361
Type 3-3_str	BOBJ1	112.71	Before	Interior Girder 1	67.08	0.95	1	1	2.068774
Type 3-3_str	BOBJ1	112.71	Before	Interior Girder 2	67.08	0.95	1	1	2.0338
Type 3-3_str	BOBJ1	112.71	Before	Interior Girder 3	67.08	0.95	1	1	1.667452
Type 3-3_str	BOBJ1	112.71	Before	Interior Girder 4	67.08	0.95	1	1	1.667452
Type 3-3_str	BOBJ1	112.71	Before	Interior Girder 5	67.08	0.95	1	1	2.0338
Type 3-3_str	BOBJ1	112.71	Before	Interior Girder 6	67.08	0.95	1	1	2.068774
Type 3-3_str	BOBJ1	112.71	Before	Right Exterior Girder	67.08	0.95	1	1	2.20361
Type 3-3_str	BOBJ1	112.71	After	Left Exterior Girder	0	0.95	1	1	2.157822

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelINonCompStrgth-Flx - Approach, Span 16-19									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Type 3-3_str	BOBJ1	112.71	After	Interior Girder 1	0	0.95	1	1	2.079951
Type 3-3_str	BOBJ1	112.71	After	Interior Girder 2	0	0.95	1	1	2.047143
Type 3-3_str	BOBJ1	112.71	After	Interior Girder 3	0	0.95	1	1	1.67882
Type 3-3_str	BOBJ1	112.71	After	Interior Girder 4	0	0.95	1	1	1.67882
Type 3-3_str	BOBJ1	112.71	After	Interior Girder 5	0	0.95	1	1	2.047143
Type 3-3_str	BOBJ1	112.71	After	Interior Girder 6	0	0.95	1	1	2.079951
Type 3-3_str	BOBJ1	112.71	After	Right Exterior Girder	0	0.95	1	1	2.157822
Type 3-3_str	BOBJ1	117.21	Before	Left Exterior Girder	4.5	0.95	1	1	3.564121
Type 3-3_str	BOBJ1	117.21	Before	Right Exterior Girder	4.5	0.95	1	1	3.564121
Type 3-3_str	BOBJ1	117.21	After	Left Exterior Girder	4.5	0.95	1	1	2.271734
Type 3-3_str	BOBJ1	117.21	After	Right Exterior Girder	4.5	0.95	1	1	2.271734
Type 3-3_str	BOBJ1	119.1	Before	Left Exterior Girder	6.39	0.95	1	1	2.812335
Type 3-3_str	BOBJ1	119.1	Before	Interior Girder 1	6.39	0.95	1	1	3.797005
Type 3-3_str	BOBJ1	119.1	Before	Interior Girder 2	6.39	0.95	1	1	3.780019
Type 3-3_str	BOBJ1	119.1	Before	Interior Girder 3	6.39	0.95	1	1	3.657552
Type 3-3_str	BOBJ1	119.1	Before	Interior Girder 4	6.39	0.95	1	1	3.657552
Type 3-3_str	BOBJ1	119.1	Before	Interior Girder 5	6.39	0.95	1	1	3.780019
Type 3-3_str	BOBJ1	119.1	Before	Interior Girder 6	6.39	0.95	1	1	3.797005
Type 3-3_str	BOBJ1	119.1	Before	Right Exterior Girder	6.39	0.95	1	1	2.812335
Type 3-3_str	BOBJ1	119.1	After	Left Exterior Girder	6.39	0.95	1	1	2.74195
Type 3-3_str	BOBJ1	119.1	After	Interior Girder 1	6.39	0.95	1	1	3.89905
Type 3-3_str	BOBJ1	119.1	After	Interior Girder 2	6.39	0.95	1	1	3.83345
Type 3-3_str	BOBJ1	119.1	After	Interior Girder 3	6.39	0.95	1	1	3.679744
Type 3-3_str	BOBJ1	119.1	After	Interior Girder 4	6.39	0.95	1	1	3.679744
Type 3-3_str	BOBJ1	119.1	After	Interior Girder 5	6.39	0.95	1	1	3.83345
Type 3-3_str	BOBJ1	119.1	After	Interior Girder 6	6.39	0.95	1	1	3.89905
Type 3-3_str	BOBJ1	119.1	After	Right Exterior Girder	6.39	0.95	1	1	2.74195
Type 3-3_str	BOBJ1	125.49	Before	Left Exterior Girder	12.78	0.95	1	1	4.515291
Type 3-3_str	BOBJ1	125.49	Before	Interior Girder 1	12.78	0.95	1	1	5.355552
Type 3-3_str	BOBJ1	125.49	Before	Interior Girder 2	12.78	0.95	1	1	5.150294
Type 3-3_str	BOBJ1	125.49	Before	Interior Girder 3	12.78	0.95	1	1	4.948298
Type 3-3_str	BOBJ1	125.49	Before	Interior Girder 4	12.78	0.95	1	1	4.948298
Type 3-3_str	BOBJ1	125.49	Before	Interior Girder 5	12.78	0.95	1	1	5.150294
Type 3-3_str	BOBJ1	125.49	Before	Interior Girder 6	12.78	0.95	1	1	5.355552
Type 3-3_str	BOBJ1	125.49	Before	Right Exterior Girder	12.78	0.95	1	1	4.515291
Type 3-3_str	BOBJ1	125.49	After	Left Exterior Girder	12.78	0.95	1	1	4.444216
Type 3-3_str	BOBJ1	125.49	After	Interior Girder 1	12.78	0.95	1	1	5.42983
Type 3-3_str	BOBJ1	125.49	After	Interior Girder 2	12.78	0.95	1	1	5.191161
Type 3-3_str	BOBJ1	125.49	After	Interior Girder 3	12.78	0.95	1	1	5.094285
Type 3-3_str	BOBJ1	125.49	After	Interior Girder 4	12.78	0.95	1	1	5.094285
Type 3-3_str	BOBJ1	125.49	After	Interior Girder 5	12.78	0.95	1	1	5.191161
Type 3-3_str	BOBJ1	125.49	After	Interior Girder 6	12.78	0.95	1	1	5.42983
Type 3-3_str	BOBJ1	125.49	After	Right Exterior Girder	12.78	0.95	1	1	4.444216
Type 3-3_str	BOBJ1	131.88	Before	Left Exterior Girder	19.17	0.95	1	1	4.209855
Type 3-3_str	BOBJ1	131.88	Before	Interior Girder 1	19.17	0.95	1	1	4.044741
Type 3-3_str	BOBJ1	131.88	Before	Interior Girder 2	19.17	0.95	1	1	3.689899
Type 3-3_str	BOBJ1	131.88	Before	Interior Girder 3	19.17	0.95	1	1	3.545559
Type 3-3_str	BOBJ1	131.88	Before	Interior Girder 4	19.17	0.95	1	1	3.545559
Type 3-3_str	BOBJ1	131.88	Before	Interior Girder 5	19.17	0.95	1	1	3.689899
Type 3-3_str	BOBJ1	131.88	Before	Interior Girder 6	19.17	0.95	1	1	4.044741
Type 3-3_str	BOBJ1	131.88	Before	Right Exterior Girder	19.17	0.95	1	1	4.209855
Type 3-3_str	BOBJ1	131.88	After	Left Exterior Girder	19.17	0.95	1	1	4.258709
Type 3-3_str	BOBJ1	131.88	After	Interior Girder 1	19.17	0.95	1	1	4.010883
Type 3-3_str	BOBJ1	131.88	After	Interior Girder 2	19.17	0.95	1	1	3.683791
Type 3-3_str	BOBJ1	131.88	After	Interior Girder 3	19.17	0.95	1	1	3.574712
Type 3-3_str	BOBJ1	131.88	After	Interior Girder 4	19.17	0.95	1	1	3.574712
Type 3-3_str	BOBJ1	131.88	After	Interior Girder 5	19.17	0.95	1	1	3.683791
Type 3-3_str	BOBJ1	131.88	After	Interior Girder 6	19.17	0.95	1	1	4.010883
Type 3-3_str	BOBJ1	131.88	After	Right Exterior Girder	19.17	0.95	1	1	4.258709
Type 3-3_str	BOBJ1	138.27	Before	Left Exterior Girder	25.56	0.95	1	1	3.829705
Type 3-3_str	BOBJ1	138.27	Before	Interior Girder 1	25.56	0.95	1	1	3.228315
Type 3-3_str	BOBJ1	138.27	Before	Interior Girder 2	25.56	0.95	1	1	3.027011
Type 3-3_str	BOBJ1	138.27	Before	Interior Girder 3	25.56	0.95	1	1	2.846169
Type 3-3_str	BOBJ1	138.27	Before	Interior Girder 4	25.56	0.95	1	1	2.846169
Type 3-3_str	BOBJ1	138.27	Before	Interior Girder 5	25.56	0.95	1	1	3.027011

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelINonCompStrgth-Flx - Approach, Span 16-19									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Type 3-3_str	BOBJ1	138.27	Before	Interior Girder 6	25.56	0.95	1	1	3.228315
Type 3-3_str	BOBJ1	138.27	Before	Right Exterior Girder	25.56	0.95	1	1	3.829705
Type 3-3_str	BOBJ1	138.27	After	Left Exterior Girder	25.56	0.95	1	1	3.879755
Type 3-3_str	BOBJ1	138.27	After	Interior Girder 1	25.56	0.95	1	1	3.20389
Type 3-3_str	BOBJ1	138.27	After	Interior Girder 2	25.56	0.95	1	1	3.012489
Type 3-3_str	BOBJ1	138.27	After	Interior Girder 3	25.56	0.95	1	1	2.84772
Type 3-3_str	BOBJ1	138.27	After	Interior Girder 4	25.56	0.95	1	1	2.84772
Type 3-3_str	BOBJ1	138.27	After	Interior Girder 5	25.56	0.95	1	1	3.012489
Type 3-3_str	BOBJ1	138.27	After	Interior Girder 6	25.56	0.95	1	1	3.20389
Type 3-3_str	BOBJ1	138.27	After	Right Exterior Girder	25.56	0.95	1	1	3.879755
Type 3-3_str	BOBJ1	144.66	Before	Left Exterior Girder	31.95	0.95	1	1	3.967495
Type 3-3_str	BOBJ1	144.66	Before	Interior Girder 1	31.95	0.95	1	1	3.236039
Type 3-3_str	BOBJ1	144.66	Before	Interior Girder 2	31.95	0.95	1	1	3.039782
Type 3-3_str	BOBJ1	144.66	Before	Interior Girder 3	31.95	0.95	1	1	2.875367
Type 3-3_str	BOBJ1	144.66	Before	Interior Girder 4	31.95	0.95	1	1	2.875367
Type 3-3_str	BOBJ1	144.66	Before	Interior Girder 5	31.95	0.95	1	1	3.039782
Type 3-3_str	BOBJ1	144.66	Before	Interior Girder 6	31.95	0.95	1	1	3.236039
Type 3-3_str	BOBJ1	144.66	Before	Right Exterior Girder	31.95	0.95	1	1	3.967495
Type 3-3_str	BOBJ1	144.66	After	Left Exterior Girder	31.95	0.95	1	1	3.90353
Type 3-3_str	BOBJ1	144.66	After	Interior Girder 1	31.95	0.95	1	1	3.267424
Type 3-3_str	BOBJ1	144.66	After	Interior Girder 2	31.95	0.95	1	1	3.053574
Type 3-3_str	BOBJ1	144.66	After	Interior Girder 3	31.95	0.95	1	1	2.869648
Type 3-3_str	BOBJ1	144.66	After	Interior Girder 4	31.95	0.95	1	1	2.869648
Type 3-3_str	BOBJ1	144.66	After	Interior Girder 5	31.95	0.95	1	1	3.053574
Type 3-3_str	BOBJ1	144.66	After	Interior Girder 6	31.95	0.95	1	1	3.267424
Type 3-3_str	BOBJ1	144.66	After	Right Exterior Girder	31.95	0.95	1	1	3.90353
Type 3-3_str	BOBJ1	151.05	Before	Left Exterior Girder	38.34	0.95	1	1	4.555577
Type 3-3_str	BOBJ1	151.05	Before	Interior Girder 1	38.34	0.95	1	1	4.154203
Type 3-3_str	BOBJ1	151.05	Before	Interior Girder 2	38.34	0.95	1	1	3.79788
Type 3-3_str	BOBJ1	151.05	Before	Interior Girder 3	38.34	0.95	1	1	3.679449
Type 3-3_str	BOBJ1	151.05	Before	Interior Girder 4	38.34	0.95	1	1	3.679449
Type 3-3_str	BOBJ1	151.05	Before	Interior Girder 5	38.34	0.95	1	1	3.79788
Type 3-3_str	BOBJ1	151.05	Before	Interior Girder 6	38.34	0.95	1	1	4.154203
Type 3-3_str	BOBJ1	151.05	Before	Right Exterior Girder	38.34	0.95	1	1	4.555577
Type 3-3_str	BOBJ1	151.05	After	Left Exterior Girder	38.34	0.95	1	1	4.492962
Type 3-3_str	BOBJ1	151.05	After	Interior Girder 1	38.34	0.95	1	1	4.20155
Type 3-3_str	BOBJ1	151.05	After	Interior Girder 2	38.34	0.95	1	1	3.803926
Type 3-3_str	BOBJ1	151.05	After	Interior Girder 3	38.34	0.95	1	1	3.643299
Type 3-3_str	BOBJ1	151.05	After	Interior Girder 4	38.34	0.95	1	1	3.643299
Type 3-3_str	BOBJ1	151.05	After	Interior Girder 5	38.34	0.95	1	1	3.803926
Type 3-3_str	BOBJ1	151.05	After	Interior Girder 6	38.34	0.95	1	1	4.20155
Type 3-3_str	BOBJ1	151.05	After	Right Exterior Girder	38.34	0.95	1	1	4.492962
Type 3-3_str	BOBJ1	157.4367	Before	Left Exterior Girder	44.7267	0.95	1	1	4.801321
Type 3-3_str	BOBJ1	157.4367	Before	Interior Girder 1	44.7267	0.95	1	1	5.033305
Type 3-3_str	BOBJ1	157.4367	Before	Interior Girder 2	44.7267	0.95	1	1	4.895264
Type 3-3_str	BOBJ1	157.4367	Before	Interior Girder 3	44.7267	0.95	1	1	4.948524
Type 3-3_str	BOBJ1	157.4367	Before	Interior Girder 4	44.7267	0.95	1	1	4.948524
Type 3-3_str	BOBJ1	157.4367	Before	Interior Girder 5	44.7267	0.95	1	1	4.895264
Type 3-3_str	BOBJ1	157.4367	Before	Interior Girder 6	44.7267	0.95	1	1	5.033305
Type 3-3_str	BOBJ1	157.4367	Before	Right Exterior Girder	44.7267	0.95	1	1	4.801321
Type 3-3_str	BOBJ1	157.4367	After	Left Exterior Girder	44.7267	0.95	1	1	4.858268
Type 3-3_str	BOBJ1	157.4367	After	Interior Girder 1	44.7267	0.95	1	1	4.98133
Type 3-3_str	BOBJ1	157.4367	After	Interior Girder 2	44.7267	0.95	1	1	4.865547
Type 3-3_str	BOBJ1	157.4367	After	Interior Girder 3	44.7267	0.95	1	1	4.945872
Type 3-3_str	BOBJ1	157.4367	After	Interior Girder 4	44.7267	0.95	1	1	4.945872
Type 3-3_str	BOBJ1	157.4367	After	Interior Girder 5	44.7267	0.95	1	1	4.865547
Type 3-3_str	BOBJ1	157.4367	After	Interior Girder 6	44.7267	0.95	1	1	4.98133
Type 3-3_str	BOBJ1	157.4367	After	Right Exterior Girder	44.7267	0.95	1	1	4.858268
Type 3-3_str	BOBJ1	158.71	Before	Left Exterior Girder	46	0.95	1	1	4.419921
Type 3-3_str	BOBJ1	158.71	Before	Interior Girder 1	46	0.95	1	1	4.683793
Type 3-3_str	BOBJ1	158.71	Before	Interior Girder 2	46	0.95	1	1	4.538866
Type 3-3_str	BOBJ1	158.71	Before	Interior Girder 3	46	0.95	1	1	4.539724
Type 3-3_str	BOBJ1	158.71	Before	Interior Girder 4	46	0.95	1	1	4.539724
Type 3-3_str	BOBJ1	158.71	Before	Interior Girder 5	46	0.95	1	1	4.538866
Type 3-3_str	BOBJ1	158.71	Before	Interior Girder 6	46	0.95	1	1	4.683793

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelINonCompStrgth-Flx - Approach, Span 16-19									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Type 3-3_str	BOBJ1	158.71	Before	Right Exterior Girder	46	0.95	1	1	4.419921
Type 3-3_str	BOBJ1	158.71	After	Left Exterior Girder	46	0.95	1	1	6.126728
Type 3-3_str	BOBJ1	158.71	After	Interior Girder 1	46	0.95	1	1	5.8845
Type 3-3_str	BOBJ1	158.71	After	Interior Girder 2	46	0.95	1	1	5.6883
Type 3-3_str	BOBJ1	158.71	After	Interior Girder 3	46	0.95	1	1	5.737059
Type 3-3_str	BOBJ1	158.71	After	Interior Girder 4	46	0.95	1	1	5.737059
Type 3-3_str	BOBJ1	158.71	After	Interior Girder 5	46	0.95	1	1	5.6883
Type 3-3_str	BOBJ1	158.71	After	Interior Girder 6	46	0.95	1	1	5.8845
Type 3-3_str	BOBJ1	158.71	After	Right Exterior Girder	46	0.95	1	1	6.126728
Type 3-3_str	BOBJ1	163.8233	Before	Left Exterior Girder	51.1133	0.95	1	1	4.327674
Type 3-3_str	BOBJ1	163.8233	Before	Interior Girder 1	51.1133	0.95	1	1	4.519821
Type 3-3_str	BOBJ1	163.8233	Before	Interior Girder 2	51.1133	0.95	1	1	4.35609
Type 3-3_str	BOBJ1	163.8233	Before	Interior Girder 3	51.1133	0.95	1	1	4.08185
Type 3-3_str	BOBJ1	163.8233	Before	Interior Girder 4	51.1133	0.95	1	1	4.08185
Type 3-3_str	BOBJ1	163.8233	Before	Interior Girder 5	51.1133	0.95	1	1	4.35609
Type 3-3_str	BOBJ1	163.8233	Before	Interior Girder 6	51.1133	0.95	1	1	4.519821
Type 3-3_str	BOBJ1	163.8233	Before	Right Exterior Girder	51.1133	0.95	1	1	4.327674
Type 3-3_str	BOBJ1	163.8233	After	Left Exterior Girder	51.1133	0.95	1	1	4.424355
Type 3-3_str	BOBJ1	163.8233	After	Interior Girder 1	51.1133	0.95	1	1	4.396904
Type 3-3_str	BOBJ1	163.8233	After	Interior Girder 2	51.1133	0.95	1	1	4.271459
Type 3-3_str	BOBJ1	163.8233	After	Interior Girder 3	51.1133	0.95	1	1	4.013753
Type 3-3_str	BOBJ1	163.8233	After	Interior Girder 4	51.1133	0.95	1	1	4.013753
Type 3-3_str	BOBJ1	163.8233	After	Interior Girder 5	51.1133	0.95	1	1	4.271459
Type 3-3_str	BOBJ1	163.8233	After	Interior Girder 6	51.1133	0.95	1	1	4.396904
Type 3-3_str	BOBJ1	163.8233	After	Right Exterior Girder	51.1133	0.95	1	1	4.424355
Type 3-3_str	BOBJ1	164.71	Before	Left Exterior Girder	52	0.95	1	1	4.100275
Type 3-3_str	BOBJ1	164.71	Before	Right Exterior Girder	52	0.95	1	1	4.100275
Type 3-3_str	BOBJ1	164.71	After	Left Exterior Girder	52	0.95	1	1	6.47115
Type 3-3_str	BOBJ1	164.71	After	Right Exterior Girder	52	0.95	1	1	6.47115
Type 3-3_str	BOBJ1	170.21	Before	Left Exterior Girder	57.5	0.95	1	1	3.650411
Type 3-3_str	BOBJ1	170.21	Before	Interior Girder 1	57.5	0.95	1	1	2.088858
Type 3-3_str	BOBJ1	170.21	Before	Interior Girder 2	57.5	0.95	1	1	2.049335
Type 3-3_str	BOBJ1	170.21	Before	Interior Girder 3	57.5	0.95	1	1	1.647304
Type 3-3_str	BOBJ1	170.21	Before	Interior Girder 4	57.5	0.95	1	1	1.647304
Type 3-3_str	BOBJ1	170.21	Before	Interior Girder 5	57.5	0.95	1	1	2.049335
Type 3-3_str	BOBJ1	170.21	Before	Interior Girder 6	57.5	0.95	1	1	2.088858
Type 3-3_str	BOBJ1	170.21	Before	Right Exterior Girder	57.5	0.95	1	1	3.650411
Type 3-3_str	BOBJ1	170.21	After	Left Exterior Girder	0	0.95	1	1	3.706872
Type 3-3_str	BOBJ1	170.21	After	Interior Girder 1	0	0.95	1	1	2.785346
Type 3-3_str	BOBJ1	170.21	After	Interior Girder 2	0	0.95	1	1	2.6752
Type 3-3_str	BOBJ1	170.21	After	Interior Girder 3	0	0.95	1	1	2.188411
Type 3-3_str	BOBJ1	170.21	After	Interior Girder 4	0	0.95	1	1	2.188411
Type 3-3_str	BOBJ1	170.21	After	Interior Girder 5	0	0.95	1	1	2.6752
Type 3-3_str	BOBJ1	170.21	After	Interior Girder 6	0	0.95	1	1	2.785346
Type 3-3_str	BOBJ1	170.21	After	Right Exterior Girder	0	0.95	1	1	3.706872
Type 3-3_str	BOBJ1	176.21	Before	Left Exterior Girder	6	0.95	1	1	7.959554
Type 3-3_str	BOBJ1	176.21	Before	Right Exterior Girder	6	0.95	1	1	7.959554
Type 3-3_str	BOBJ1	176.21	After	Left Exterior Girder	6	0.95	1	1	5.189493
Type 3-3_str	BOBJ1	176.21	After	Right Exterior Girder	6	0.95	1	1	5.189493
Type 3-3_str	BOBJ1	176.6	Before	Left Exterior Girder	6.39	0.95	1	1	5.378395
Type 3-3_str	BOBJ1	176.6	Before	Interior Girder 1	6.39	0.95	1	1	6.366732
Type 3-3_str	BOBJ1	176.6	Before	Interior Girder 2	6.39	0.95	1	1	6.037771
Type 3-3_str	BOBJ1	176.6	Before	Interior Girder 3	6.39	0.95	1	1	5.70493
Type 3-3_str	BOBJ1	176.6	Before	Interior Girder 4	6.39	0.95	1	1	5.70493
Type 3-3_str	BOBJ1	176.6	Before	Interior Girder 5	6.39	0.95	1	1	6.037771
Type 3-3_str	BOBJ1	176.6	Before	Interior Girder 6	6.39	0.95	1	1	6.366732
Type 3-3_str	BOBJ1	176.6	Before	Right Exterior Girder	6.39	0.95	1	1	5.378395
Type 3-3_str	BOBJ1	176.6	After	Left Exterior Girder	6.39	0.95	1	1	5.2219
Type 3-3_str	BOBJ1	176.6	After	Interior Girder 1	6.39	0.95	1	1	6.550495
Type 3-3_str	BOBJ1	176.6	After	Interior Girder 2	6.39	0.95	1	1	6.165128
Type 3-3_str	BOBJ1	176.6	After	Interior Girder 3	6.39	0.95	1	1	5.81688
Type 3-3_str	BOBJ1	176.6	After	Interior Girder 4	6.39	0.95	1	1	5.81688
Type 3-3_str	BOBJ1	176.6	After	Interior Girder 5	6.39	0.95	1	1	6.165128
Type 3-3_str	BOBJ1	176.6	After	Interior Girder 6	6.39	0.95	1	1	6.550495
Type 3-3_str	BOBJ1	176.6	After	Right Exterior Girder	6.39	0.95	1	1	5.2219

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelINonCompStrgth-Flx - Approach, Span 16-19									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Type 3-3_str	BOBJ1	182.99	Before	Left Exterior Girder	12.78	0.95	1	1	7.916916
Type 3-3_str	BOBJ1	182.99	Before	Interior Girder 1	12.78	0.95	1	1	6.270675
Type 3-3_str	BOBJ1	182.99	Before	Interior Girder 2	12.78	0.95	1	1	5.66163
Type 3-3_str	BOBJ1	182.99	Before	Interior Girder 3	12.78	0.95	1	1	5.511906
Type 3-3_str	BOBJ1	182.99	Before	Interior Girder 4	12.78	0.95	1	1	5.511906
Type 3-3_str	BOBJ1	182.99	Before	Interior Girder 5	12.78	0.95	1	1	5.66163
Type 3-3_str	BOBJ1	182.99	Before	Interior Girder 6	12.78	0.95	1	1	6.270675
Type 3-3_str	BOBJ1	182.99	Before	Right Exterior Girder	12.78	0.95	1	1	7.916916
Type 3-3_str	BOBJ1	182.99	After	Left Exterior Girder	12.78	0.95	1	1	7.807947
Type 3-3_str	BOBJ1	182.99	After	Interior Girder 1	12.78	0.95	1	1	6.248331
Type 3-3_str	BOBJ1	182.99	After	Interior Girder 2	12.78	0.95	1	1	5.700999
Type 3-3_str	BOBJ1	182.99	After	Interior Girder 3	12.78	0.95	1	1	5.694339
Type 3-3_str	BOBJ1	182.99	After	Interior Girder 4	12.78	0.95	1	1	5.694339
Type 3-3_str	BOBJ1	182.99	After	Interior Girder 5	12.78	0.95	1	1	5.700999
Type 3-3_str	BOBJ1	182.99	After	Interior Girder 6	12.78	0.95	1	1	6.248331
Type 3-3_str	BOBJ1	182.99	After	Right Exterior Girder	12.78	0.95	1	1	7.807947
Type 3-3_str	BOBJ1	189.38	Before	Left Exterior Girder	19.17	0.95	1	1	4.351626
Type 3-3_str	BOBJ1	189.38	Before	Interior Girder 1	19.17	0.95	1	1	3.941901
Type 3-3_str	BOBJ1	189.38	Before	Interior Girder 2	19.17	0.95	1	1	3.614869
Type 3-3_str	BOBJ1	189.38	Before	Interior Girder 3	19.17	0.95	1	1	3.512714
Type 3-3_str	BOBJ1	189.38	Before	Interior Girder 4	19.17	0.95	1	1	3.512714
Type 3-3_str	BOBJ1	189.38	Before	Interior Girder 5	19.17	0.95	1	1	3.614869
Type 3-3_str	BOBJ1	189.38	Before	Interior Girder 6	19.17	0.95	1	1	3.941901
Type 3-3_str	BOBJ1	189.38	Before	Right Exterior Girder	19.17	0.95	1	1	4.351626
Type 3-3_str	BOBJ1	189.38	After	Left Exterior Girder	19.17	0.95	1	1	4.436915
Type 3-3_str	BOBJ1	189.38	After	Interior Girder 1	19.17	0.95	1	1	3.887407
Type 3-3_str	BOBJ1	189.38	After	Interior Girder 2	19.17	0.95	1	1	3.607726
Type 3-3_str	BOBJ1	189.38	After	Interior Girder 3	19.17	0.95	1	1	3.553104
Type 3-3_str	BOBJ1	189.38	After	Interior Girder 4	19.17	0.95	1	1	3.553104
Type 3-3_str	BOBJ1	189.38	After	Interior Girder 5	19.17	0.95	1	1	3.607726
Type 3-3_str	BOBJ1	189.38	After	Interior Girder 6	19.17	0.95	1	1	3.887407
Type 3-3_str	BOBJ1	189.38	After	Right Exterior Girder	19.17	0.95	1	1	4.436915
Type 3-3_str	BOBJ1	195.77	Before	Left Exterior Girder	25.56	0.95	1	1	3.369478
Type 3-3_str	BOBJ1	195.77	Before	Interior Girder 1	25.56	0.95	1	1	2.817499
Type 3-3_str	BOBJ1	195.77	Before	Interior Girder 2	25.56	0.95	1	1	2.680716
Type 3-3_str	BOBJ1	195.77	Before	Interior Girder 3	25.56	0.95	1	1	2.571846
Type 3-3_str	BOBJ1	195.77	Before	Interior Girder 4	25.56	0.95	1	1	2.571846
Type 3-3_str	BOBJ1	195.77	Before	Interior Girder 5	25.56	0.95	1	1	2.680716
Type 3-3_str	BOBJ1	195.77	Before	Interior Girder 6	25.56	0.95	1	1	2.817499
Type 3-3_str	BOBJ1	195.77	Before	Right Exterior Girder	25.56	0.95	1	1	3.369478
Type 3-3_str	BOBJ1	195.77	After	Left Exterior Girder	25.56	0.95	1	1	3.435099
Type 3-3_str	BOBJ1	195.77	After	Interior Girder 1	25.56	0.95	1	1	2.782251
Type 3-3_str	BOBJ1	195.77	After	Interior Girder 2	25.56	0.95	1	1	2.667941
Type 3-3_str	BOBJ1	195.77	After	Interior Girder 3	25.56	0.95	1	1	2.579981
Type 3-3_str	BOBJ1	195.77	After	Interior Girder 4	25.56	0.95	1	1	2.579981
Type 3-3_str	BOBJ1	195.77	After	Interior Girder 5	25.56	0.95	1	1	2.667941
Type 3-3_str	BOBJ1	195.77	After	Interior Girder 6	25.56	0.95	1	1	2.782251
Type 3-3_str	BOBJ1	195.77	After	Right Exterior Girder	25.56	0.95	1	1	3.435099
Type 3-3_str	BOBJ1	202.16	Before	Left Exterior Girder	31.95	0.95	1	1	2.940341
Type 3-3_str	BOBJ1	202.16	Before	Interior Girder 1	31.95	0.95	1	1	2.474742
Type 3-3_str	BOBJ1	202.16	Before	Interior Girder 2	31.95	0.95	1	1	2.397291
Type 3-3_str	BOBJ1	202.16	Before	Interior Girder 3	31.95	0.95	1	1	2.322116
Type 3-3_str	BOBJ1	202.16	Before	Interior Girder 4	31.95	0.95	1	1	2.322116
Type 3-3_str	BOBJ1	202.16	Before	Interior Girder 5	31.95	0.95	1	1	2.397291
Type 3-3_str	BOBJ1	202.16	Before	Interior Girder 6	31.95	0.95	1	1	2.474742
Type 3-3_str	BOBJ1	202.16	Before	Right Exterior Girder	31.95	0.95	1	1	2.940341
Type 3-3_str	BOBJ1	202.16	After	Left Exterior Girder	31.95	0.95	1	1	2.915547
Type 3-3_str	BOBJ1	202.16	After	Interior Girder 1	31.95	0.95	1	1	2.483284
Type 3-3_str	BOBJ1	202.16	After	Interior Girder 2	31.95	0.95	1	1	2.40682
Type 3-3_str	BOBJ1	202.16	After	Interior Girder 3	31.95	0.95	1	1	2.32863
Type 3-3_str	BOBJ1	202.16	After	Interior Girder 4	31.95	0.95	1	1	2.32863
Type 3-3_str	BOBJ1	202.16	After	Interior Girder 5	31.95	0.95	1	1	2.40682
Type 3-3_str	BOBJ1	202.16	After	Interior Girder 6	31.95	0.95	1	1	2.483284
Type 3-3_str	BOBJ1	202.16	After	Right Exterior Girder	31.95	0.95	1	1	2.915547
Type 3-3_str	BOBJ1	208.55	Before	Left Exterior Girder	38.34	0.95	1	1	2.851289

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelINonCompStrgth-Flx - Approach, Span 16-19									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Type 3-3_str	BOBJ1	208.55	Before	Interior Girder 1	38.34	0.95	1	1	2.580785
Type 3-3_str	BOBJ1	208.55	Before	Interior Girder 2	38.34	0.95	1	1	2.501958
Type 3-3_str	BOBJ1	208.55	Before	Interior Girder 3	38.34	0.95	1	1	2.463011
Type 3-3_str	BOBJ1	208.55	Before	Interior Girder 4	38.34	0.95	1	1	2.463011
Type 3-3_str	BOBJ1	208.55	Before	Interior Girder 5	38.34	0.95	1	1	2.501958
Type 3-3_str	BOBJ1	208.55	Before	Interior Girder 6	38.34	0.95	1	1	2.580785
Type 3-3_str	BOBJ1	208.55	Before	Right Exterior Girder	38.34	0.95	1	1	2.851289
Type 3-3_str	BOBJ1	208.55	After	Left Exterior Girder	38.34	0.95	1	1	2.817909
Type 3-3_str	BOBJ1	208.55	After	Interior Girder 1	38.34	0.95	1	1	2.600173
Type 3-3_str	BOBJ1	208.55	After	Interior Girder 2	38.34	0.95	1	1	2.502469
Type 3-3_str	BOBJ1	208.55	After	Interior Girder 3	38.34	0.95	1	1	2.452785
Type 3-3_str	BOBJ1	208.55	After	Interior Girder 4	38.34	0.95	1	1	2.452785
Type 3-3_str	BOBJ1	208.55	After	Interior Girder 5	38.34	0.95	1	1	2.502469
Type 3-3_str	BOBJ1	208.55	After	Interior Girder 6	38.34	0.95	1	1	2.600173
Type 3-3_str	BOBJ1	208.55	After	Right Exterior Girder	38.34	0.95	1	1	2.817909
Type 3-3_str	BOBJ1	215.1233	Before	Left Exterior Girder	44.9133	0.95	1	1	3.876572
Type 3-3_str	BOBJ1	215.1233	Before	Interior Girder 1	44.9133	0.95	1	1	2.938
Type 3-3_str	BOBJ1	215.1233	Before	Interior Girder 2	44.9133	0.95	1	1	2.851517
Type 3-3_str	BOBJ1	215.1233	Before	Interior Girder 3	44.9133	0.95	1	1	2.753309
Type 3-3_str	BOBJ1	215.1233	Before	Interior Girder 4	44.9133	0.95	1	1	2.753309
Type 3-3_str	BOBJ1	215.1233	Before	Interior Girder 5	44.9133	0.95	1	1	2.851517
Type 3-3_str	BOBJ1	215.1233	Before	Interior Girder 6	44.9133	0.95	1	1	2.938
Type 3-3_str	BOBJ1	215.1233	Before	Right Exterior Girder	44.9133	0.95	1	1	3.876572
Type 3-3_str	BOBJ1	215.1233	After	Left Exterior Girder	44.9133	0.95	1	1	3.834897
Type 3-3_str	BOBJ1	215.1233	After	Interior Girder 1	44.9133	0.95	1	1	2.956244
Type 3-3_str	BOBJ1	215.1233	After	Interior Girder 2	44.9133	0.95	1	1	2.812669
Type 3-3_str	BOBJ1	215.1233	After	Interior Girder 3	44.9133	0.95	1	1	2.695214
Type 3-3_str	BOBJ1	215.1233	After	Interior Girder 4	44.9133	0.95	1	1	2.695214
Type 3-3_str	BOBJ1	215.1233	After	Interior Girder 5	44.9133	0.95	1	1	2.812669
Type 3-3_str	BOBJ1	215.1233	After	Interior Girder 6	44.9133	0.95	1	1	2.956244
Type 3-3_str	BOBJ1	215.1233	After	Right Exterior Girder	44.9133	0.95	1	1	3.834897
Type 3-3_str	BOBJ1	221.6967	Before	Left Exterior Girder	51.4867	0.95	1	1	7.538139
Type 3-3_str	BOBJ1	221.6967	Before	Interior Girder 1	51.4867	0.95	1	1	4.783622
Type 3-3_str	BOBJ1	221.6967	Before	Interior Girder 2	51.4867	0.95	1	1	4.628369
Type 3-3_str	BOBJ1	221.6967	Before	Interior Girder 3	51.4867	0.95	1	1	4.269719
Type 3-3_str	BOBJ1	221.6967	Before	Interior Girder 4	51.4867	0.95	1	1	4.269719
Type 3-3_str	BOBJ1	221.6967	Before	Interior Girder 5	51.4867	0.95	1	1	4.628369
Type 3-3_str	BOBJ1	221.6967	Before	Interior Girder 6	51.4867	0.95	1	1	4.783622
Type 3-3_str	BOBJ1	221.6967	Before	Right Exterior Girder	51.4867	0.95	1	1	7.538139
Type 3-3_str	BOBJ1	221.6967	After	Left Exterior Girder	51.4867	0.95	1	1	7.403506
Type 3-3_str	BOBJ1	221.6967	After	Interior Girder 1	51.4867	0.95	1	1	4.839623
Type 3-3_str	BOBJ1	221.6967	After	Interior Girder 2	51.4867	0.95	1	1	4.560103
Type 3-3_str	BOBJ1	221.6967	After	Interior Girder 3	51.4867	0.95	1	1	4.102676
Type 3-3_str	BOBJ1	221.6967	After	Interior Girder 4	51.4867	0.95	1	1	4.102676
Type 3-3_str	BOBJ1	221.6967	After	Interior Girder 5	51.4867	0.95	1	1	4.560103
Type 3-3_str	BOBJ1	221.6967	After	Interior Girder 6	51.4867	0.95	1	1	4.839623
Type 3-3_str	BOBJ1	221.6967	After	Right Exterior Girder	51.4867	0.95	1	1	7.403506
Type 3-3_str	BOBJ1	228.27	Before	Left Exterior Girder	58.06	0.95	1	1	540.328377
Type 3-3_str	BOBJ1	228.27	Before	Interior Girder 1	58.06	0.95	1	1	400.057351
Type 3-3_str	BOBJ1	228.27	Before	Interior Girder 2	58.06	0.95	1	1	310.87733
Type 3-3_str	BOBJ1	228.27	Before	Interior Girder 3	58.06	0.95	1	1	222.584133
Type 3-3_str	BOBJ1	228.27	Before	Interior Girder 4	58.06	0.95	1	1	222.584132
Type 3-3_str	BOBJ1	228.27	Before	Interior Girder 5	58.06	0.95	1	1	310.877329
Type 3-3_str	BOBJ1	228.27	Before	Interior Girder 6	58.06	0.95	1	1	400.057351
Type 3-3_str	BOBJ1	228.27	Before	Right Exterior Girder	58.06	0.95	1	1	540.328377
EV2_str	BOBJ1	0	After	Left Exterior Girder	0	0.95	1	1	467.991579
EV2_str	BOBJ1	0	After	Interior Girder 1	0	0.95	1	1	474.996501
EV2_str	BOBJ1	0	After	Interior Girder 2	0	0.95	1	1	259.81437
EV2_str	BOBJ1	0	After	Interior Girder 3	0	0.95	1	1	208.358243
EV2_str	BOBJ1	0	After	Interior Girder 4	0	0.95	1	1	208.358244
EV2_str	BOBJ1	0	After	Interior Girder 5	0	0.95	1	1	259.814373
EV2_str	BOBJ1	0	After	Interior Girder 6	0	0.95	1	1	474.996501
EV2_str	BOBJ1	0	After	Right Exterior Girder	0	0.95	1	1	467.991579
EV2_str	BOBJ1	5.3833	Before	Left Exterior Girder	5.3833	0.95	1	1	6.497752
EV2_str	BOBJ1	5.3833	Before	Interior Girder 1	5.3833	0.95	1	1	3.937156

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelINonCompStrgth-Flx - Approach, Span 16-19									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
EV2_str	BOBJ1	5.3833	Before	Interior Girder 2	5.3833	0.95	1	1	3.686945
EV2_str	BOBJ1	5.3833	Before	Interior Girder 3	5.3833	0.95	1	1	3.141554
EV2_str	BOBJ1	5.3833	Before	Interior Girder 4	5.3833	0.95	1	1	3.141554
EV2_str	BOBJ1	5.3833	Before	Interior Girder 5	5.3833	0.95	1	1	3.686945
EV2_str	BOBJ1	5.3833	Before	Interior Girder 6	5.3833	0.95	1	1	3.937156
EV2_str	BOBJ1	5.3833	Before	Right Exterior Girder	5.3833	0.95	1	1	6.497752
EV2_str	BOBJ1	5.3833	After	Left Exterior Girder	5.3833	0.95	1	1	6.562765
EV2_str	BOBJ1	5.3833	After	Interior Girder 1	5.3833	0.95	1	1	3.946028
EV2_str	BOBJ1	5.3833	After	Interior Girder 2	5.3833	0.95	1	1	3.754749
EV2_str	BOBJ1	5.3833	After	Interior Girder 3	5.3833	0.95	1	1	3.236863
EV2_str	BOBJ1	5.3833	After	Interior Girder 4	5.3833	0.95	1	1	3.236863
EV2_str	BOBJ1	5.3833	After	Interior Girder 5	5.3833	0.95	1	1	3.754749
EV2_str	BOBJ1	5.3833	After	Interior Girder 6	5.3833	0.95	1	1	3.946028
EV2_str	BOBJ1	5.3833	After	Right Exterior Girder	5.3833	0.95	1	1	6.562765
EV2_str	BOBJ1	10.7667	Before	Left Exterior Girder	10.7667	0.95	1	1	3.497037
EV2_str	BOBJ1	10.7667	Before	Interior Girder 1	10.7667	0.95	1	1	2.507288
EV2_str	BOBJ1	10.7667	Before	Interior Girder 2	10.7667	0.95	1	1	2.348882
EV2_str	BOBJ1	10.7667	Before	Interior Girder 3	10.7667	0.95	1	1	2.181443
EV2_str	BOBJ1	10.7667	Before	Interior Girder 4	10.7667	0.95	1	1	2.181443
EV2_str	BOBJ1	10.7667	Before	Interior Girder 5	10.7667	0.95	1	1	2.348882
EV2_str	BOBJ1	10.7667	Before	Interior Girder 6	10.7667	0.95	1	1	2.507288
EV2_str	BOBJ1	10.7667	Before	Right Exterior Girder	10.7667	0.95	1	1	3.497037
EV2_str	BOBJ1	10.7667	After	Left Exterior Girder	10.7667	0.95	1	1	3.499571
EV2_str	BOBJ1	10.7667	After	Interior Girder 1	10.7667	0.95	1	1	2.512718
EV2_str	BOBJ1	10.7667	After	Interior Girder 2	10.7667	0.95	1	1	2.381481
EV2_str	BOBJ1	10.7667	After	Interior Girder 3	10.7667	0.95	1	1	2.228198
EV2_str	BOBJ1	10.7667	After	Interior Girder 4	10.7667	0.95	1	1	2.228198
EV2_str	BOBJ1	10.7667	After	Interior Girder 5	10.7667	0.95	1	1	2.381481
EV2_str	BOBJ1	10.7667	After	Interior Girder 6	10.7667	0.95	1	1	2.512718
EV2_str	BOBJ1	10.7667	After	Right Exterior Girder	10.7667	0.95	1	1	3.499571
EV2_str	BOBJ1	16.15	Before	Left Exterior Girder	16.15	0.95	1	1	2.718663
EV2_str	BOBJ1	16.15	Before	Interior Girder 1	16.15	0.95	1	1	2.315776
EV2_str	BOBJ1	16.15	Before	Interior Girder 2	16.15	0.95	1	1	2.167227
EV2_str	BOBJ1	16.15	Before	Interior Girder 3	16.15	0.95	1	1	2.081117
EV2_str	BOBJ1	16.15	Before	Interior Girder 4	16.15	0.95	1	1	2.081117
EV2_str	BOBJ1	16.15	Before	Interior Girder 5	16.15	0.95	1	1	2.167227
EV2_str	BOBJ1	16.15	Before	Interior Girder 6	16.15	0.95	1	1	2.315776
EV2_str	BOBJ1	16.15	Before	Right Exterior Girder	16.15	0.95	1	1	2.718663
EV2_str	BOBJ1	16.15	After	Left Exterior Girder	16.15	0.95	1	1	2.726269
EV2_str	BOBJ1	16.15	After	Interior Girder 1	16.15	0.95	1	1	2.309935
EV2_str	BOBJ1	16.15	After	Interior Girder 2	16.15	0.95	1	1	2.170854
EV2_str	BOBJ1	16.15	After	Interior Girder 3	16.15	0.95	1	1	2.086225
EV2_str	BOBJ1	16.15	After	Interior Girder 4	16.15	0.95	1	1	2.086225
EV2_str	BOBJ1	16.15	After	Interior Girder 5	16.15	0.95	1	1	2.170854
EV2_str	BOBJ1	16.15	After	Interior Girder 6	16.15	0.95	1	1	2.309935
EV2_str	BOBJ1	16.15	After	Right Exterior Girder	16.15	0.95	1	1	2.726269
EV2_str	BOBJ1	22.1267	Before	Left Exterior Girder	22.1267	0.95	1	1	3.093022
EV2_str	BOBJ1	22.1267	Before	Interior Girder 1	22.1267	0.95	1	1	2.311246
EV2_str	BOBJ1	22.1267	Before	Interior Girder 2	22.1267	0.95	1	1	2.176528
EV2_str	BOBJ1	22.1267	Before	Interior Girder 3	22.1267	0.95	1	1	2.047438
EV2_str	BOBJ1	22.1267	Before	Interior Girder 4	22.1267	0.95	1	1	2.047438
EV2_str	BOBJ1	22.1267	Before	Interior Girder 5	22.1267	0.95	1	1	2.176528
EV2_str	BOBJ1	22.1267	Before	Interior Girder 6	22.1267	0.95	1	1	2.311246
EV2_str	BOBJ1	22.1267	Before	Right Exterior Girder	22.1267	0.95	1	1	3.093022
EV2_str	BOBJ1	22.1267	After	Left Exterior Girder	22.1267	0.95	1	1	3.114571
EV2_str	BOBJ1	22.1267	After	Interior Girder 1	22.1267	0.95	1	1	2.30968
EV2_str	BOBJ1	22.1267	After	Interior Girder 2	22.1267	0.95	1	1	2.172477
EV2_str	BOBJ1	22.1267	After	Interior Girder 3	22.1267	0.95	1	1	2.037019
EV2_str	BOBJ1	22.1267	After	Interior Girder 4	22.1267	0.95	1	1	2.037019
EV2_str	BOBJ1	22.1267	After	Interior Girder 5	22.1267	0.95	1	1	2.172477
EV2_str	BOBJ1	22.1267	After	Interior Girder 6	22.1267	0.95	1	1	2.30968
EV2_str	BOBJ1	22.1267	After	Right Exterior Girder	22.1267	0.95	1	1	3.114571
EV2_str	BOBJ1	28.1033	Before	Left Exterior Girder	28.1033	0.95	1	1	3.819834
EV2_str	BOBJ1	28.1033	Before	Interior Girder 1	28.1033	0.95	1	1	2.669595
EV2_str	BOBJ1	28.1033	Before	Interior Girder 2	28.1033	0.95	1	1	2.522904

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelINonCompStrgth-Flx - Approach, Span 16-19									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
EV2_str	BOBJ1	28.1033	Before	Interior Girder 3	28.1033	0.95	1	1	2.398243
EV2_str	BOBJ1	28.1033	Before	Interior Girder 4	28.1033	0.95	1	1	2.398243
EV2_str	BOBJ1	28.1033	Before	Interior Girder 5	28.1033	0.95	1	1	2.522904
EV2_str	BOBJ1	28.1033	Before	Interior Girder 6	28.1033	0.95	1	1	2.669595
EV2_str	BOBJ1	28.1033	Before	Right Exterior Girder	28.1033	0.95	1	1	3.819834
EV2_str	BOBJ1	28.1033	After	Left Exterior Girder	28.1033	0.95	1	1	3.774455
EV2_str	BOBJ1	28.1033	After	Interior Girder 1	28.1033	0.95	1	1	2.692163
EV2_str	BOBJ1	28.1033	After	Interior Girder 2	28.1033	0.95	1	1	2.522745
EV2_str	BOBJ1	28.1033	After	Interior Girder 3	28.1033	0.95	1	1	2.378236
EV2_str	BOBJ1	28.1033	After	Interior Girder 4	28.1033	0.95	1	1	2.378236
EV2_str	BOBJ1	28.1033	After	Interior Girder 5	28.1033	0.95	1	1	2.522745
EV2_str	BOBJ1	28.1033	After	Interior Girder 6	28.1033	0.95	1	1	2.692163
EV2_str	BOBJ1	28.1033	After	Right Exterior Girder	28.1033	0.95	1	1	3.774455
EV2_str	BOBJ1	34.08	Before	Left Exterior Girder	34.08	0.95	1	1	4.597843
EV2_str	BOBJ1	34.08	Before	Interior Girder 1	34.08	0.95	1	1	4.429582
EV2_str	BOBJ1	34.08	Before	Interior Girder 2	34.08	0.95	1	1	3.970645
EV2_str	BOBJ1	34.08	Before	Interior Girder 3	34.08	0.95	1	1	3.837158
EV2_str	BOBJ1	34.08	Before	Interior Girder 4	34.08	0.95	1	1	3.837158
EV2_str	BOBJ1	34.08	Before	Interior Girder 5	34.08	0.95	1	1	3.970645
EV2_str	BOBJ1	34.08	Before	Interior Girder 6	34.08	0.95	1	1	4.429582
EV2_str	BOBJ1	34.08	Before	Right Exterior Girder	34.08	0.95	1	1	4.597843
EV2_str	BOBJ1	34.08	After	Left Exterior Girder	34.08	0.95	1	1	4.363538
EV2_str	BOBJ1	34.08	After	Interior Girder 1	34.08	0.95	1	1	4.448683
EV2_str	BOBJ1	34.08	After	Interior Girder 2	34.08	0.95	1	1	3.968354
EV2_str	BOBJ1	34.08	After	Interior Girder 3	34.08	0.95	1	1	3.78588
EV2_str	BOBJ1	34.08	After	Interior Girder 4	34.08	0.95	1	1	3.78588
EV2_str	BOBJ1	34.08	After	Interior Girder 5	34.08	0.95	1	1	3.968354
EV2_str	BOBJ1	34.08	After	Interior Girder 6	34.08	0.95	1	1	4.448683
EV2_str	BOBJ1	34.08	After	Right Exterior Girder	34.08	0.95	1	1	4.363538
EV2_str	BOBJ1	39.855	Before	Left Exterior Girder	39.855	0.95	1	1	2.747408
EV2_str	BOBJ1	39.855	Before	Interior Girder 1	39.855	0.95	1	1	3.431151
EV2_str	BOBJ1	39.855	Before	Interior Girder 2	39.855	0.95	1	1	3.399583
EV2_str	BOBJ1	39.855	Before	Interior Girder 3	39.855	0.95	1	1	3.246513
EV2_str	BOBJ1	39.855	Before	Interior Girder 4	39.855	0.95	1	1	3.246513
EV2_str	BOBJ1	39.855	Before	Interior Girder 5	39.855	0.95	1	1	3.399583
EV2_str	BOBJ1	39.855	Before	Interior Girder 6	39.855	0.95	1	1	3.431151
EV2_str	BOBJ1	39.855	Before	Right Exterior Girder	39.855	0.95	1	1	2.747408
EV2_str	BOBJ1	39.855	After	Left Exterior Girder	39.855	0.95	1	1	2.804314
EV2_str	BOBJ1	39.855	After	Interior Girder 1	39.855	0.95	1	1	3.377692
EV2_str	BOBJ1	39.855	After	Interior Girder 2	39.855	0.95	1	1	3.35361
EV2_str	BOBJ1	39.855	After	Interior Girder 3	39.855	0.95	1	1	3.229088
EV2_str	BOBJ1	39.855	After	Interior Girder 4	39.855	0.95	1	1	3.229088
EV2_str	BOBJ1	39.855	After	Interior Girder 5	39.855	0.95	1	1	3.35361
EV2_str	BOBJ1	39.855	After	Interior Girder 6	39.855	0.95	1	1	3.377692
EV2_str	BOBJ1	39.855	After	Right Exterior Girder	39.855	0.95	1	1	2.804314
EV2_str	BOBJ1	40.0288	Before	Left Exterior Girder	40.0288	0.95	1	1	2.742122
EV2_str	BOBJ1	40.0288	Before	Right Exterior Girder	40.0288	0.95	1	1	2.742122
EV2_str	BOBJ1	40.0288	After	Left Exterior Girder	40.0288	0.95	1	1	4.055109
EV2_str	BOBJ1	40.0288	After	Right Exterior Girder	40.0288	0.95	1	1	4.055109
EV2_str	BOBJ1	45.63	Before	Left Exterior Girder	45.63	0.95	1	1	2.518378
EV2_str	BOBJ1	45.63	Before	Interior Girder 1	45.63	0.95	1	1	2.344562
EV2_str	BOBJ1	45.63	Before	Interior Girder 2	45.63	0.95	1	1	2.340742
EV2_str	BOBJ1	45.63	Before	Interior Girder 3	45.63	0.95	1	1	1.989141
EV2_str	BOBJ1	45.63	Before	Interior Girder 4	45.63	0.95	1	1	1.989141
EV2_str	BOBJ1	45.63	Before	Interior Girder 5	45.63	0.95	1	1	2.340742
EV2_str	BOBJ1	45.63	Before	Interior Girder 6	45.63	0.95	1	1	2.344562
EV2_str	BOBJ1	45.63	Before	Right Exterior Girder	45.63	0.95	1	1	2.518378
EV2_str	BOBJ1	45.63	After	Left Exterior Girder	0	0.95	1	1	2.490937
EV2_str	BOBJ1	45.63	After	Interior Girder 1	0	0.95	1	1	2.115593
EV2_str	BOBJ1	45.63	After	Interior Girder 2	0	0.95	1	1	2.089318
EV2_str	BOBJ1	45.63	After	Interior Girder 3	0	0.95	1	1	1.728156
EV2_str	BOBJ1	45.63	After	Interior Girder 4	0	0.95	1	1	1.728156
EV2_str	BOBJ1	45.63	After	Interior Girder 5	0	0.95	1	1	2.089318
EV2_str	BOBJ1	45.63	After	Interior Girder 6	0	0.95	1	1	2.115593
EV2_str	BOBJ1	45.63	After	Right Exterior Girder	0	0.95	1	1	2.490937

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelINonCompStrgth-Flx - Approach, Span 16-19									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
EV2_str	BOBJ1	50.6298	Before	Left Exterior Girder	4.9998	0.95	1	1	6.925734
EV2_str	BOBJ1	50.6298	Before	Right Exterior Girder	4.9998	0.95	1	1	6.925734
EV2_str	BOBJ1	50.6298	After	Left Exterior Girder	4.9998	0.95	1	1	4.44415
EV2_str	BOBJ1	50.6298	After	Right Exterior Girder	4.9998	0.95	1	1	4.44415
EV2_str	BOBJ1	51.4	Before	Left Exterior Girder	5.77	0.95	1	1	5.244776
EV2_str	BOBJ1	51.4	Before	Interior Girder 1	5.77	0.95	1	1	5.746109
EV2_str	BOBJ1	51.4	Before	Interior Girder 2	5.77	0.95	1	1	5.35148
EV2_str	BOBJ1	51.4	Before	Interior Girder 3	5.77	0.95	1	1	4.923287
EV2_str	BOBJ1	51.4	Before	Interior Girder 4	5.77	0.95	1	1	4.923287
EV2_str	BOBJ1	51.4	Before	Interior Girder 5	5.77	0.95	1	1	5.35148
EV2_str	BOBJ1	51.4	Before	Interior Girder 6	5.77	0.95	1	1	5.746109
EV2_str	BOBJ1	51.4	Before	Right Exterior Girder	5.77	0.95	1	1	5.244776
EV2_str	BOBJ1	51.4	After	Left Exterior Girder	5.77	0.95	1	1	5.128452
EV2_str	BOBJ1	51.4	After	Interior Girder 1	5.77	0.95	1	1	5.851084
EV2_str	BOBJ1	51.4	After	Interior Girder 2	5.77	0.95	1	1	5.345524
EV2_str	BOBJ1	51.4	After	Interior Girder 3	5.77	0.95	1	1	4.896375
EV2_str	BOBJ1	51.4	After	Interior Girder 4	5.77	0.95	1	1	4.896375
EV2_str	BOBJ1	51.4	After	Interior Girder 5	5.77	0.95	1	1	5.345524
EV2_str	BOBJ1	51.4	After	Interior Girder 6	5.77	0.95	1	1	5.851084
EV2_str	BOBJ1	51.4	After	Right Exterior Girder	5.77	0.95	1	1	5.128452
EV2_str	BOBJ1	57.17	Before	Left Exterior Girder	11.54	0.95	1	1	7.091741
EV2_str	BOBJ1	57.17	Before	Interior Girder 1	11.54	0.95	1	1	5.179142
EV2_str	BOBJ1	57.17	Before	Interior Girder 2	11.54	0.95	1	1	4.461377
EV2_str	BOBJ1	57.17	Before	Interior Girder 3	11.54	0.95	1	1	4.221989
EV2_str	BOBJ1	57.17	Before	Interior Girder 4	11.54	0.95	1	1	4.221989
EV2_str	BOBJ1	57.17	Before	Interior Girder 5	11.54	0.95	1	1	4.461377
EV2_str	BOBJ1	57.17	Before	Interior Girder 6	11.54	0.95	1	1	5.179142
EV2_str	BOBJ1	57.17	Before	Right Exterior Girder	11.54	0.95	1	1	7.091741
EV2_str	BOBJ1	57.17	After	Left Exterior Girder	11.54	0.95	1	1	7.232963
EV2_str	BOBJ1	57.17	After	Interior Girder 1	11.54	0.95	1	1	5.106668
EV2_str	BOBJ1	57.17	After	Interior Girder 2	11.54	0.95	1	1	4.438843
EV2_str	BOBJ1	57.17	After	Interior Girder 3	11.54	0.95	1	1	4.281701
EV2_str	BOBJ1	57.17	After	Interior Girder 4	11.54	0.95	1	1	4.281701
EV2_str	BOBJ1	57.17	After	Interior Girder 5	11.54	0.95	1	1	4.438843
EV2_str	BOBJ1	57.17	After	Interior Girder 6	11.54	0.95	1	1	5.106668
EV2_str	BOBJ1	57.17	After	Right Exterior Girder	11.54	0.95	1	1	7.232963
EV2_str	BOBJ1	63.34	Before	Left Exterior Girder	17.71	0.95	1	1	3.613338
EV2_str	BOBJ1	63.34	Before	Interior Girder 1	17.71	0.95	1	1	2.607512
EV2_str	BOBJ1	63.34	Before	Interior Girder 2	17.71	0.95	1	1	2.444207
EV2_str	BOBJ1	63.34	Before	Interior Girder 3	17.71	0.95	1	1	2.30719
EV2_str	BOBJ1	63.34	Before	Interior Girder 4	17.71	0.95	1	1	2.30719
EV2_str	BOBJ1	63.34	Before	Interior Girder 5	17.71	0.95	1	1	2.444207
EV2_str	BOBJ1	63.34	Before	Interior Girder 6	17.71	0.95	1	1	2.607512
EV2_str	BOBJ1	63.34	Before	Right Exterior Girder	17.71	0.95	1	1	3.613338
EV2_str	BOBJ1	63.34	After	Left Exterior Girder	17.71	0.95	1	1	3.72438
EV2_str	BOBJ1	63.34	After	Interior Girder 1	17.71	0.95	1	1	2.566686
EV2_str	BOBJ1	63.34	After	Interior Girder 2	17.71	0.95	1	1	2.435026
EV2_str	BOBJ1	63.34	After	Interior Girder 3	17.71	0.95	1	1	2.339093
EV2_str	BOBJ1	63.34	After	Interior Girder 4	17.71	0.95	1	1	2.339093
EV2_str	BOBJ1	63.34	After	Interior Girder 5	17.71	0.95	1	1	2.435026
EV2_str	BOBJ1	63.34	After	Interior Girder 6	17.71	0.95	1	1	2.566686
EV2_str	BOBJ1	63.34	After	Right Exterior Girder	17.71	0.95	1	1	3.72438
EV2_str	BOBJ1	69.51	Before	Left Exterior Girder	23.88	0.95	1	1	2.330124
EV2_str	BOBJ1	69.51	Before	Interior Girder 1	23.88	0.95	1	1	1.87044
EV2_str	BOBJ1	69.51	Before	Interior Girder 2	23.88	0.95	1	1	1.806609
EV2_str	BOBJ1	69.51	Before	Interior Girder 3	23.88	0.95	1	1	1.749722
EV2_str	BOBJ1	69.51	Before	Interior Girder 4	23.88	0.95	1	1	1.749722
EV2_str	BOBJ1	69.51	Before	Interior Girder 5	23.88	0.95	1	1	1.806609
EV2_str	BOBJ1	69.51	Before	Interior Girder 6	23.88	0.95	1	1	1.87044
EV2_str	BOBJ1	69.51	Before	Right Exterior Girder	23.88	0.95	1	1	2.330124
EV2_str	BOBJ1	69.51	After	Left Exterior Girder	23.88	0.95	1	1	2.348917
EV2_str	BOBJ1	69.51	After	Interior Girder 1	23.88	0.95	1	1	1.86924
EV2_str	BOBJ1	69.51	After	Interior Girder 2	23.88	0.95	1	1	1.815222
EV2_str	BOBJ1	69.51	After	Interior Girder 3	23.88	0.95	1	1	1.766739
EV2_str	BOBJ1	69.51	After	Interior Girder 4	23.88	0.95	1	1	1.766739

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelINonCompStrgth-Flx - Approach, Span 16-19									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
EV2_str	BOBJ1	69.51	After	Interior Girder 5	23.88	0.95	1	1	1.815222
EV2_str	BOBJ1	69.51	After	Interior Girder 6	23.88	0.95	1	1	1.86924
EV2_str	BOBJ1	69.51	After	Right Exterior Girder	23.88	0.95	1	1	2.348917
EV2_str	BOBJ1	75.68	Before	Left Exterior Girder	30.05	0.95	1	1	1.801027
EV2_str	BOBJ1	75.68	Before	Interior Girder 1	30.05	0.95	1	1	1.69451
EV2_str	BOBJ1	75.68	Before	Interior Girder 2	30.05	0.95	1	1	1.666486
EV2_str	BOBJ1	75.68	Before	Interior Girder 3	30.05	0.95	1	1	1.651889
EV2_str	BOBJ1	75.68	Before	Interior Girder 4	30.05	0.95	1	1	1.651889
EV2_str	BOBJ1	75.68	Before	Interior Girder 5	30.05	0.95	1	1	1.666486
EV2_str	BOBJ1	75.68	Before	Interior Girder 6	30.05	0.95	1	1	1.69451
EV2_str	BOBJ1	75.68	Before	Right Exterior Girder	30.05	0.95	1	1	1.801027
EV2_str	BOBJ1	75.68	After	Left Exterior Girder	30.05	0.95	1	1	1.8125
EV2_str	BOBJ1	75.68	After	Interior Girder 1	30.05	0.95	1	1	1.691353
EV2_str	BOBJ1	75.68	After	Interior Girder 2	30.05	0.95	1	1	1.66273
EV2_str	BOBJ1	75.68	After	Interior Girder 3	30.05	0.95	1	1	1.654756
EV2_str	BOBJ1	75.68	After	Interior Girder 4	30.05	0.95	1	1	1.654756
EV2_str	BOBJ1	75.68	After	Interior Girder 5	30.05	0.95	1	1	1.66273
EV2_str	BOBJ1	75.68	After	Interior Girder 6	30.05	0.95	1	1	1.691353
EV2_str	BOBJ1	75.68	After	Right Exterior Girder	30.05	0.95	1	1	1.8125
EV2_str	BOBJ1	81.8467	Before	Left Exterior Girder	36.2167	0.95	1	1	1.878175
EV2_str	BOBJ1	81.8467	Before	Interior Girder 1	36.2167	0.95	1	1	1.58641
EV2_str	BOBJ1	81.8467	Before	Interior Girder 2	36.2167	0.95	1	1	1.563635
EV2_str	BOBJ1	81.8467	Before	Interior Girder 3	36.2167	0.95	1	1	1.520269
EV2_str	BOBJ1	81.8467	Before	Interior Girder 4	36.2167	0.95	1	1	1.520269
EV2_str	BOBJ1	81.8467	Before	Interior Girder 5	36.2167	0.95	1	1	1.563635
EV2_str	BOBJ1	81.8467	Before	Interior Girder 6	36.2167	0.95	1	1	1.58641
EV2_str	BOBJ1	81.8467	Before	Right Exterior Girder	36.2167	0.95	1	1	1.878175
EV2_str	BOBJ1	81.8467	After	Left Exterior Girder	36.2167	0.95	1	1	1.881116
EV2_str	BOBJ1	81.8467	After	Interior Girder 1	36.2167	0.95	1	1	1.578206
EV2_str	BOBJ1	81.8467	After	Interior Girder 2	36.2167	0.95	1	1	1.556572
EV2_str	BOBJ1	81.8467	After	Interior Girder 3	36.2167	0.95	1	1	1.509817
EV2_str	BOBJ1	81.8467	After	Interior Girder 4	36.2167	0.95	1	1	1.509817
EV2_str	BOBJ1	81.8467	After	Interior Girder 5	36.2167	0.95	1	1	1.556572
EV2_str	BOBJ1	81.8467	After	Interior Girder 6	36.2167	0.95	1	1	1.578206
EV2_str	BOBJ1	81.8467	After	Right Exterior Girder	36.2167	0.95	1	1	1.881116
EV2_str	BOBJ1	88.0133	Before	Left Exterior Girder	42.3833	0.95	1	1	2.238205
EV2_str	BOBJ1	88.0133	Before	Interior Girder 1	42.3833	0.95	1	1	1.774099
EV2_str	BOBJ1	88.0133	Before	Interior Girder 2	42.3833	0.95	1	1	1.738197
EV2_str	BOBJ1	88.0133	Before	Interior Girder 3	42.3833	0.95	1	1	1.687532
EV2_str	BOBJ1	88.0133	Before	Interior Girder 4	42.3833	0.95	1	1	1.687532
EV2_str	BOBJ1	88.0133	Before	Interior Girder 5	42.3833	0.95	1	1	1.738197
EV2_str	BOBJ1	88.0133	Before	Interior Girder 6	42.3833	0.95	1	1	1.774099
EV2_str	BOBJ1	88.0133	Before	Right Exterior Girder	42.3833	0.95	1	1	2.238205
EV2_str	BOBJ1	88.0133	After	Left Exterior Girder	42.3833	0.95	1	1	2.193431
EV2_str	BOBJ1	88.0133	After	Interior Girder 1	42.3833	0.95	1	1	1.793851
EV2_str	BOBJ1	88.0133	After	Interior Girder 2	42.3833	0.95	1	1	1.747332
EV2_str	BOBJ1	88.0133	After	Interior Girder 3	42.3833	0.95	1	1	1.677632
EV2_str	BOBJ1	88.0133	After	Interior Girder 4	42.3833	0.95	1	1	1.677632
EV2_str	BOBJ1	88.0133	After	Interior Girder 5	42.3833	0.95	1	1	1.747332
EV2_str	BOBJ1	88.0133	After	Interior Girder 6	42.3833	0.95	1	1	1.793851
EV2_str	BOBJ1	88.0133	After	Right Exterior Girder	42.3833	0.95	1	1	2.193431
EV2_str	BOBJ1	94.18	Before	Left Exterior Girder	48.55	0.95	1	1	3.012822
EV2_str	BOBJ1	94.18	Before	Interior Girder 1	48.55	0.95	1	1	2.599884
EV2_str	BOBJ1	94.18	Before	Interior Girder 2	48.55	0.95	1	1	2.420392
EV2_str	BOBJ1	94.18	Before	Interior Girder 3	48.55	0.95	1	1	2.372525
EV2_str	BOBJ1	94.18	Before	Interior Girder 4	48.55	0.95	1	1	2.372525
EV2_str	BOBJ1	94.18	Before	Interior Girder 5	48.55	0.95	1	1	2.420392
EV2_str	BOBJ1	94.18	Before	Interior Girder 6	48.55	0.95	1	1	2.599884
EV2_str	BOBJ1	94.18	Before	Right Exterior Girder	48.55	0.95	1	1	3.012822
EV2_str	BOBJ1	94.18	After	Left Exterior Girder	48.55	0.95	1	1	2.945886
EV2_str	BOBJ1	94.18	After	Interior Girder 1	48.55	0.95	1	1	2.628795
EV2_str	BOBJ1	94.18	After	Interior Girder 2	48.55	0.95	1	1	2.430927
EV2_str	BOBJ1	94.18	After	Interior Girder 3	48.55	0.95	1	1	2.352894
EV2_str	BOBJ1	94.18	After	Interior Girder 4	48.55	0.95	1	1	2.352894
EV2_str	BOBJ1	94.18	After	Interior Girder 5	48.55	0.95	1	1	2.430927

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelINonCompStrgth-Flx - Approach, Span 16-19									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
EV2_str	BOBJ1	94.18	After	Interior Girder 6	48.55	0.95	1	1	2.628795
EV2_str	BOBJ1	94.18	After	Right Exterior Girder	48.55	0.95	1	1	2.945886
EV2_str	BOBJ1	100.3567	Before	Left Exterior Girder	54.7267	0.95	1	1	6.10799
EV2_str	BOBJ1	100.3567	Before	Interior Girder 1	54.7267	0.95	1	1	4.032916
EV2_str	BOBJ1	100.3567	Before	Interior Girder 2	54.7267	0.95	1	1	3.682709
EV2_str	BOBJ1	100.3567	Before	Interior Girder 3	54.7267	0.95	1	1	3.492205
EV2_str	BOBJ1	100.3567	Before	Interior Girder 4	54.7267	0.95	1	1	3.492205
EV2_str	BOBJ1	100.3567	Before	Interior Girder 5	54.7267	0.95	1	1	3.682709
EV2_str	BOBJ1	100.3567	Before	Interior Girder 6	54.7267	0.95	1	1	4.032916
EV2_str	BOBJ1	100.3567	Before	Right Exterior Girder	54.7267	0.95	1	1	6.10799
EV2_str	BOBJ1	100.3567	After	Left Exterior Girder	54.7267	0.95	1	1	6.209471
EV2_str	BOBJ1	100.3567	After	Interior Girder 1	54.7267	0.95	1	1	4.03865
EV2_str	BOBJ1	100.3567	After	Interior Girder 2	54.7267	0.95	1	1	3.670609
EV2_str	BOBJ1	100.3567	After	Interior Girder 3	54.7267	0.95	1	1	3.396903
EV2_str	BOBJ1	100.3567	After	Interior Girder 4	54.7267	0.95	1	1	3.396903
EV2_str	BOBJ1	100.3567	After	Interior Girder 5	54.7267	0.95	1	1	3.670609
EV2_str	BOBJ1	100.3567	After	Interior Girder 6	54.7267	0.95	1	1	4.03865
EV2_str	BOBJ1	100.3567	After	Right Exterior Girder	54.7267	0.95	1	1	6.209471
EV2_str	BOBJ1	106.5333	Before	Left Exterior Girder	60.9033	0.95	1	1	3.807844
EV2_str	BOBJ1	106.5333	Before	Interior Girder 1	60.9033	0.95	1	1	5.082067
EV2_str	BOBJ1	106.5333	Before	Interior Girder 2	60.9033	0.95	1	1	4.761706
EV2_str	BOBJ1	106.5333	Before	Interior Girder 3	60.9033	0.95	1	1	4.465533
EV2_str	BOBJ1	106.5333	Before	Interior Girder 4	60.9033	0.95	1	1	4.465533
EV2_str	BOBJ1	106.5333	Before	Interior Girder 5	60.9033	0.95	1	1	4.761706
EV2_str	BOBJ1	106.5333	Before	Interior Girder 6	60.9033	0.95	1	1	5.082067
EV2_str	BOBJ1	106.5333	Before	Right Exterior Girder	60.9033	0.95	1	1	3.807844
EV2_str	BOBJ1	106.5333	After	Left Exterior Girder	60.9033	0.95	1	1	3.91817
EV2_str	BOBJ1	106.5333	After	Interior Girder 1	60.9033	0.95	1	1	4.955833
EV2_str	BOBJ1	106.5333	After	Interior Girder 2	60.9033	0.95	1	1	4.647162
EV2_str	BOBJ1	106.5333	After	Interior Girder 3	60.9033	0.95	1	1	4.361714
EV2_str	BOBJ1	106.5333	After	Interior Girder 4	60.9033	0.95	1	1	4.361714
EV2_str	BOBJ1	106.5333	After	Interior Girder 5	60.9033	0.95	1	1	4.647162
EV2_str	BOBJ1	106.5333	After	Interior Girder 6	60.9033	0.95	1	1	4.955833
EV2_str	BOBJ1	106.5333	After	Right Exterior Girder	60.9033	0.95	1	1	3.91817
EV2_str	BOBJ1	108.2102	Before	Left Exterior Girder	62.5802	0.95	1	1	3.199682
EV2_str	BOBJ1	108.2102	Before	Right Exterior Girder	62.5802	0.95	1	1	3.199682
EV2_str	BOBJ1	108.2102	After	Left Exterior Girder	62.5802	0.95	1	1	4.957656
EV2_str	BOBJ1	108.2102	After	Right Exterior Girder	62.5802	0.95	1	1	4.957656
EV2_str	BOBJ1	112.71	Before	Left Exterior Girder	67.08	0.95	1	1	2.236191
EV2_str	BOBJ1	112.71	Before	Interior Girder 1	67.08	0.95	1	1	2.162314
EV2_str	BOBJ1	112.71	Before	Interior Girder 2	67.08	0.95	1	1	2.112218
EV2_str	BOBJ1	112.71	Before	Interior Girder 3	67.08	0.95	1	1	1.765347
EV2_str	BOBJ1	112.71	Before	Interior Girder 4	67.08	0.95	1	1	1.765347
EV2_str	BOBJ1	112.71	Before	Interior Girder 5	67.08	0.95	1	1	2.112218
EV2_str	BOBJ1	112.71	Before	Interior Girder 6	67.08	0.95	1	1	2.162314
EV2_str	BOBJ1	112.71	Before	Right Exterior Girder	67.08	0.95	1	1	2.236191
EV2_str	BOBJ1	112.71	After	Left Exterior Girder	0	0.95	1	1	2.215826
EV2_str	BOBJ1	112.71	After	Interior Girder 1	0	0.95	1	1	2.459005
EV2_str	BOBJ1	112.71	After	Interior Girder 2	0	0.95	1	1	2.290689
EV2_str	BOBJ1	112.71	After	Interior Girder 3	0	0.95	1	1	1.923637
EV2_str	BOBJ1	112.71	After	Interior Girder 4	0	0.95	1	1	1.923637
EV2_str	BOBJ1	112.71	After	Interior Girder 5	0	0.95	1	1	2.290689
EV2_str	BOBJ1	112.71	After	Interior Girder 6	0	0.95	1	1	2.459005
EV2_str	BOBJ1	112.71	After	Right Exterior Girder	0	0.95	1	1	2.215826
EV2_str	BOBJ1	117.21	Before	Left Exterior Girder	4.5	0.95	1	1	3.362839
EV2_str	BOBJ1	117.21	Before	Right Exterior Girder	4.5	0.95	1	1	3.362839
EV2_str	BOBJ1	117.21	After	Left Exterior Girder	4.5	0.95	1	1	2.14762
EV2_str	BOBJ1	117.21	After	Right Exterior Girder	4.5	0.95	1	1	2.14762
EV2_str	BOBJ1	119.1	Before	Left Exterior Girder	6.39	0.95	1	1	2.654365
EV2_str	BOBJ1	119.1	Before	Interior Girder 1	6.39	0.95	1	1	3.659659
EV2_str	BOBJ1	119.1	Before	Interior Girder 2	6.39	0.95	1	1	3.61623
EV2_str	BOBJ1	119.1	Before	Interior Girder 3	6.39	0.95	1	1	3.499309
EV2_str	BOBJ1	119.1	Before	Interior Girder 4	6.39	0.95	1	1	3.499309
EV2_str	BOBJ1	119.1	Before	Interior Girder 5	6.39	0.95	1	1	3.61623
EV2_str	BOBJ1	119.1	Before	Interior Girder 6	6.39	0.95	1	1	3.659659

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelINonCompStrgth-Flx - Approach, Span 16-19									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
EV2_str	BOBJ1	119.1	Before	Right Exterior Girder	6.39	0.95	1	1	2.654365
EV2_str	BOBJ1	119.1	After	Left Exterior Girder	6.39	0.95	1	1	2.596602
EV2_str	BOBJ1	119.1	After	Interior Girder 1	6.39	0.95	1	1	3.727602
EV2_str	BOBJ1	119.1	After	Interior Girder 2	6.39	0.95	1	1	3.667356
EV2_str	BOBJ1	119.1	After	Interior Girder 3	6.39	0.95	1	1	3.518995
EV2_str	BOBJ1	119.1	After	Interior Girder 4	6.39	0.95	1	1	3.518995
EV2_str	BOBJ1	119.1	After	Interior Girder 5	6.39	0.95	1	1	3.667356
EV2_str	BOBJ1	119.1	After	Interior Girder 6	6.39	0.95	1	1	3.727602
EV2_str	BOBJ1	119.1	After	Right Exterior Girder	6.39	0.95	1	1	2.596602
EV2_str	BOBJ1	125.49	Before	Left Exterior Girder	12.78	0.95	1	1	4.277516
EV2_str	BOBJ1	125.49	Before	Interior Girder 1	12.78	0.95	1	1	3.910504
EV2_str	BOBJ1	125.49	Before	Interior Girder 2	12.78	0.95	1	1	3.577823
EV2_str	BOBJ1	125.49	Before	Interior Girder 3	12.78	0.95	1	1	3.345948
EV2_str	BOBJ1	125.49	Before	Interior Girder 4	12.78	0.95	1	1	3.345948
EV2_str	BOBJ1	125.49	Before	Interior Girder 5	12.78	0.95	1	1	3.577823
EV2_str	BOBJ1	125.49	Before	Interior Girder 6	12.78	0.95	1	1	3.910504
EV2_str	BOBJ1	125.49	Before	Right Exterior Girder	12.78	0.95	1	1	4.277516
EV2_str	BOBJ1	125.49	After	Left Exterior Girder	12.78	0.95	1	1	4.222139
EV2_str	BOBJ1	125.49	After	Interior Girder 1	12.78	0.95	1	1	3.926435
EV2_str	BOBJ1	125.49	After	Interior Girder 2	12.78	0.95	1	1	3.607241
EV2_str	BOBJ1	125.49	After	Interior Girder 3	12.78	0.95	1	1	3.4429
EV2_str	BOBJ1	125.49	After	Interior Girder 4	12.78	0.95	1	1	3.4429
EV2_str	BOBJ1	125.49	After	Interior Girder 5	12.78	0.95	1	1	3.607241
EV2_str	BOBJ1	125.49	After	Interior Girder 6	12.78	0.95	1	1	3.926435
EV2_str	BOBJ1	125.49	After	Right Exterior Girder	12.78	0.95	1	1	4.222139
EV2_str	BOBJ1	131.88	Before	Left Exterior Girder	19.17	0.95	1	1	3.246117
EV2_str	BOBJ1	131.88	Before	Interior Girder 1	19.17	0.95	1	1	2.913906
EV2_str	BOBJ1	131.88	Before	Interior Girder 2	19.17	0.95	1	1	2.667319
EV2_str	BOBJ1	131.88	Before	Interior Girder 3	19.17	0.95	1	1	2.554664
EV2_str	BOBJ1	131.88	Before	Interior Girder 4	19.17	0.95	1	1	2.554664
EV2_str	BOBJ1	131.88	Before	Interior Girder 5	19.17	0.95	1	1	2.667319
EV2_str	BOBJ1	131.88	Before	Interior Girder 6	19.17	0.95	1	1	2.913906
EV2_str	BOBJ1	131.88	Before	Right Exterior Girder	19.17	0.95	1	1	3.246117
EV2_str	BOBJ1	131.88	After	Left Exterior Girder	19.17	0.95	1	1	3.277699
EV2_str	BOBJ1	131.88	After	Interior Girder 1	19.17	0.95	1	1	2.898873
EV2_str	BOBJ1	131.88	After	Interior Girder 2	19.17	0.95	1	1	2.661712
EV2_str	BOBJ1	131.88	After	Interior Girder 3	19.17	0.95	1	1	2.571932
EV2_str	BOBJ1	131.88	After	Interior Girder 4	19.17	0.95	1	1	2.571932
EV2_str	BOBJ1	131.88	After	Interior Girder 5	19.17	0.95	1	1	2.661712
EV2_str	BOBJ1	131.88	After	Interior Girder 6	19.17	0.95	1	1	2.898873
EV2_str	BOBJ1	131.88	After	Right Exterior Girder	19.17	0.95	1	1	3.277699
EV2_str	BOBJ1	138.27	Before	Left Exterior Girder	25.56	0.95	1	1	2.937204
EV2_str	BOBJ1	138.27	Before	Interior Girder 1	25.56	0.95	1	1	2.297475
EV2_str	BOBJ1	138.27	Before	Interior Girder 2	25.56	0.95	1	1	2.179432
EV2_str	BOBJ1	138.27	Before	Interior Girder 3	25.56	0.95	1	1	2.043767
EV2_str	BOBJ1	138.27	Before	Interior Girder 4	25.56	0.95	1	1	2.043767
EV2_str	BOBJ1	138.27	Before	Interior Girder 5	25.56	0.95	1	1	2.179432
EV2_str	BOBJ1	138.27	Before	Interior Girder 6	25.56	0.95	1	1	2.297475
EV2_str	BOBJ1	138.27	Before	Right Exterior Girder	25.56	0.95	1	1	2.937204
EV2_str	BOBJ1	138.27	After	Left Exterior Girder	25.56	0.95	1	1	2.974216
EV2_str	BOBJ1	138.27	After	Interior Girder 1	25.56	0.95	1	1	2.285245
EV2_str	BOBJ1	138.27	After	Interior Girder 2	25.56	0.95	1	1	2.175095
EV2_str	BOBJ1	138.27	After	Interior Girder 3	25.56	0.95	1	1	2.05134
EV2_str	BOBJ1	138.27	After	Interior Girder 4	25.56	0.95	1	1	2.05134
EV2_str	BOBJ1	138.27	After	Interior Girder 5	25.56	0.95	1	1	2.175095
EV2_str	BOBJ1	138.27	After	Interior Girder 6	25.56	0.95	1	1	2.285245
EV2_str	BOBJ1	138.27	After	Right Exterior Girder	25.56	0.95	1	1	2.974216
EV2_str	BOBJ1	144.66	Before	Left Exterior Girder	31.95	0.95	1	1	3.034891
EV2_str	BOBJ1	144.66	Before	Interior Girder 1	31.95	0.95	1	1	2.30705
EV2_str	BOBJ1	144.66	Before	Interior Girder 2	31.95	0.95	1	1	2.194965
EV2_str	BOBJ1	144.66	Before	Interior Girder 3	31.95	0.95	1	1	2.07135
EV2_str	BOBJ1	144.66	Before	Interior Girder 4	31.95	0.95	1	1	2.07135
EV2_str	BOBJ1	144.66	Before	Interior Girder 5	31.95	0.95	1	1	2.194965
EV2_str	BOBJ1	144.66	Before	Interior Girder 6	31.95	0.95	1	1	2.30705
EV2_str	BOBJ1	144.66	Before	Right Exterior Girder	31.95	0.95	1	1	3.034891

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelINonCompStrgth-Flx - Approach, Span 16-19									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
EV2_str	BOBJ1	144.66	After	Left Exterior Girder	31.95	0.95	1	1	2.991689
EV2_str	BOBJ1	144.66	After	Interior Girder 1	31.95	0.95	1	1	2.323945
EV2_str	BOBJ1	144.66	After	Interior Girder 2	31.95	0.95	1	1	2.200335
EV2_str	BOBJ1	144.66	After	Interior Girder 3	31.95	0.95	1	1	2.06076
EV2_str	BOBJ1	144.66	After	Interior Girder 4	31.95	0.95	1	1	2.06076
EV2_str	BOBJ1	144.66	After	Interior Girder 5	31.95	0.95	1	1	2.200335
EV2_str	BOBJ1	144.66	After	Interior Girder 6	31.95	0.95	1	1	2.323945
EV2_str	BOBJ1	144.66	After	Right Exterior Girder	31.95	0.95	1	1	2.991689
EV2_str	BOBJ1	151.05	Before	Left Exterior Girder	38.34	0.95	1	1	3.498974
EV2_str	BOBJ1	151.05	Before	Interior Girder 1	38.34	0.95	1	1	2.994338
EV2_str	BOBJ1	151.05	Before	Interior Girder 2	38.34	0.95	1	1	2.738615
EV2_str	BOBJ1	151.05	Before	Interior Girder 3	38.34	0.95	1	1	2.640324
EV2_str	BOBJ1	151.05	Before	Interior Girder 4	38.34	0.95	1	1	2.640324
EV2_str	BOBJ1	151.05	Before	Interior Girder 5	38.34	0.95	1	1	2.738615
EV2_str	BOBJ1	151.05	Before	Interior Girder 6	38.34	0.95	1	1	2.994338
EV2_str	BOBJ1	151.05	Before	Right Exterior Girder	38.34	0.95	1	1	3.498974
EV2_str	BOBJ1	151.05	After	Left Exterior Girder	38.34	0.95	1	1	3.455634
EV2_str	BOBJ1	151.05	After	Interior Girder 1	38.34	0.95	1	1	3.017462
EV2_str	BOBJ1	151.05	After	Interior Girder 2	38.34	0.95	1	1	2.743993
EV2_str	BOBJ1	151.05	After	Interior Girder 3	38.34	0.95	1	1	2.618322
EV2_str	BOBJ1	151.05	After	Interior Girder 4	38.34	0.95	1	1	2.618322
EV2_str	BOBJ1	151.05	After	Interior Girder 5	38.34	0.95	1	1	2.743993
EV2_str	BOBJ1	151.05	After	Interior Girder 6	38.34	0.95	1	1	3.017462
EV2_str	BOBJ1	151.05	After	Right Exterior Girder	38.34	0.95	1	1	3.455634
EV2_str	BOBJ1	157.4367	Before	Left Exterior Girder	44.7267	0.95	1	1	4.247104
EV2_str	BOBJ1	157.4367	Before	Interior Girder 1	44.7267	0.95	1	1	4.158121
EV2_str	BOBJ1	157.4367	Before	Interior Girder 2	44.7267	0.95	1	1	3.787517
EV2_str	BOBJ1	157.4367	Before	Interior Girder 3	44.7267	0.95	1	1	3.59537
EV2_str	BOBJ1	157.4367	Before	Interior Girder 4	44.7267	0.95	1	1	3.59537
EV2_str	BOBJ1	157.4367	Before	Interior Girder 5	44.7267	0.95	1	1	3.787517
EV2_str	BOBJ1	157.4367	Before	Interior Girder 6	44.7267	0.95	1	1	4.158121
EV2_str	BOBJ1	157.4367	Before	Right Exterior Girder	44.7267	0.95	1	1	4.247104
EV2_str	BOBJ1	157.4367	After	Left Exterior Girder	44.7267	0.95	1	1	4.294273
EV2_str	BOBJ1	157.4367	After	Interior Girder 1	44.7267	0.95	1	1	4.149954
EV2_str	BOBJ1	157.4367	After	Interior Girder 2	44.7267	0.95	1	1	3.7803
EV2_str	BOBJ1	157.4367	After	Interior Girder 3	44.7267	0.95	1	1	3.544253
EV2_str	BOBJ1	157.4367	After	Interior Girder 4	44.7267	0.95	1	1	3.544253
EV2_str	BOBJ1	157.4367	After	Interior Girder 5	44.7267	0.95	1	1	3.7803
EV2_str	BOBJ1	157.4367	After	Interior Girder 6	44.7267	0.95	1	1	4.149954
EV2_str	BOBJ1	157.4367	After	Right Exterior Girder	44.7267	0.95	1	1	4.294273
EV2_str	BOBJ1	158.71	Before	Left Exterior Girder	46	0.95	1	1	3.906697
EV2_str	BOBJ1	158.71	Before	Interior Girder 1	46	0.95	1	1	4.186621
EV2_str	BOBJ1	158.71	Before	Interior Girder 2	46	0.95	1	1	4.077806
EV2_str	BOBJ1	158.71	Before	Interior Girder 3	46	0.95	1	1	3.938057
EV2_str	BOBJ1	158.71	Before	Interior Girder 4	46	0.95	1	1	3.938057
EV2_str	BOBJ1	158.71	Before	Interior Girder 5	46	0.95	1	1	4.077806
EV2_str	BOBJ1	158.71	Before	Interior Girder 6	46	0.95	1	1	4.186621
EV2_str	BOBJ1	158.71	Before	Right Exterior Girder	46	0.95	1	1	3.906697
EV2_str	BOBJ1	158.71	After	Left Exterior Girder	46	0.95	1	1	5.40591
EV2_str	BOBJ1	158.71	After	Interior Girder 1	46	0.95	1	1	5.269342
EV2_str	BOBJ1	158.71	After	Interior Girder 2	46	0.95	1	1	5.115603
EV2_str	BOBJ1	158.71	After	Interior Girder 3	46	0.95	1	1	4.708563
EV2_str	BOBJ1	158.71	After	Interior Girder 4	46	0.95	1	1	4.708563
EV2_str	BOBJ1	158.71	After	Interior Girder 5	46	0.95	1	1	5.115603
EV2_str	BOBJ1	158.71	After	Interior Girder 6	46	0.95	1	1	5.269342
EV2_str	BOBJ1	158.71	After	Right Exterior Girder	46	0.95	1	1	5.40591
EV2_str	BOBJ1	163.8233	Before	Left Exterior Girder	51.1133	0.95	1	1	3.817958
EV2_str	BOBJ1	163.8233	Before	Interior Girder 1	51.1133	0.95	1	1	4.065365
EV2_str	BOBJ1	163.8233	Before	Interior Girder 2	51.1133	0.95	1	1	3.897434
EV2_str	BOBJ1	163.8233	Before	Interior Girder 3	51.1133	0.95	1	1	3.683416
EV2_str	BOBJ1	163.8233	Before	Interior Girder 4	51.1133	0.95	1	1	3.683416
EV2_str	BOBJ1	163.8233	Before	Interior Girder 5	51.1133	0.95	1	1	3.897434
EV2_str	BOBJ1	163.8233	Before	Interior Girder 6	51.1133	0.95	1	1	4.065365
EV2_str	BOBJ1	163.8233	Before	Right Exterior Girder	51.1133	0.95	1	1	3.817958
EV2_str	BOBJ1	163.8233	After	Left Exterior Girder	51.1133	0.95	1	1	3.889749

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelINonCompStrgth-Flx - Approach, Span 16-19									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
EV2_str	BOBJ1	163.8233	After	Interior Girder 1	51.1133	0.95	1	1	3.972347
EV2_str	BOBJ1	163.8233	After	Interior Girder 2	51.1133	0.95	1	1	3.820078
EV2_str	BOBJ1	163.8233	After	Interior Girder 3	51.1133	0.95	1	1	3.621347
EV2_str	BOBJ1	163.8233	After	Interior Girder 4	51.1133	0.95	1	1	3.621347
EV2_str	BOBJ1	163.8233	After	Interior Girder 5	51.1133	0.95	1	1	3.820078
EV2_str	BOBJ1	163.8233	After	Interior Girder 6	51.1133	0.95	1	1	3.972347
EV2_str	BOBJ1	163.8233	After	Right Exterior Girder	51.1133	0.95	1	1	3.889749
EV2_str	BOBJ1	164.71	Before	Left Exterior Girder	52	0.95	1	1	3.610796
EV2_str	BOBJ1	164.71	Before	Right Exterior Girder	52	0.95	1	1	3.610796
EV2_str	BOBJ1	164.71	After	Left Exterior Girder	52	0.95	1	1	5.687395
EV2_str	BOBJ1	164.71	After	Right Exterior Girder	52	0.95	1	1	5.687395
EV2_str	BOBJ1	170.21	Before	Left Exterior Girder	57.5	0.95	1	1	3.935402
EV2_str	BOBJ1	170.21	Before	Interior Girder 1	57.5	0.95	1	1	2.42994
EV2_str	BOBJ1	170.21	Before	Interior Girder 2	57.5	0.95	1	1	2.299199
EV2_str	BOBJ1	170.21	Before	Interior Girder 3	57.5	0.95	1	1	1.833161
EV2_str	BOBJ1	170.21	Before	Interior Girder 4	57.5	0.95	1	1	1.833161
EV2_str	BOBJ1	170.21	Before	Interior Girder 5	57.5	0.95	1	1	2.299199
EV2_str	BOBJ1	170.21	Before	Interior Girder 6	57.5	0.95	1	1	2.42994
EV2_str	BOBJ1	170.21	Before	Right Exterior Girder	57.5	0.95	1	1	3.935402
EV2_str	BOBJ1	170.21	After	Left Exterior Girder	0	0.95	1	1	4.006038
EV2_str	BOBJ1	170.21	After	Interior Girder 1	0	0.95	1	1	3.109095
EV2_str	BOBJ1	170.21	After	Interior Girder 2	0	0.95	1	1	2.947629
EV2_str	BOBJ1	170.21	After	Interior Girder 3	0	0.95	1	1	2.430772
EV2_str	BOBJ1	170.21	After	Interior Girder 4	0	0.95	1	1	2.430772
EV2_str	BOBJ1	170.21	After	Interior Girder 5	0	0.95	1	1	2.947629
EV2_str	BOBJ1	170.21	After	Interior Girder 6	0	0.95	1	1	3.109095
EV2_str	BOBJ1	170.21	After	Right Exterior Girder	0	0.95	1	1	4.006038
EV2_str	BOBJ1	176.21	Before	Left Exterior Girder	6	0.95	1	1	6.792622
EV2_str	BOBJ1	176.21	Before	Right Exterior Girder	6	0.95	1	1	6.792622
EV2_str	BOBJ1	176.21	After	Left Exterior Girder	6	0.95	1	1	4.436375
EV2_str	BOBJ1	176.21	After	Right Exterior Girder	6	0.95	1	1	4.436375
EV2_str	BOBJ1	176.6	Before	Left Exterior Girder	6.39	0.95	1	1	4.594373
EV2_str	BOBJ1	176.6	Before	Interior Girder 1	6.39	0.95	1	1	5.565078
EV2_str	BOBJ1	176.6	Before	Interior Girder 2	6.39	0.95	1	1	5.214881
EV2_str	BOBJ1	176.6	Before	Interior Girder 3	6.39	0.95	1	1	4.928435
EV2_str	BOBJ1	176.6	Before	Interior Girder 4	6.39	0.95	1	1	4.928435
EV2_str	BOBJ1	176.6	Before	Interior Girder 5	6.39	0.95	1	1	5.214881
EV2_str	BOBJ1	176.6	Before	Interior Girder 6	6.39	0.95	1	1	5.565078
EV2_str	BOBJ1	176.6	Before	Right Exterior Girder	6.39	0.95	1	1	4.594373
EV2_str	BOBJ1	176.6	After	Left Exterior Girder	6.39	0.95	1	1	4.481011
EV2_str	BOBJ1	176.6	After	Interior Girder 1	6.39	0.95	1	1	5.71242
EV2_str	BOBJ1	176.6	After	Interior Girder 2	6.39	0.95	1	1	5.338694
EV2_str	BOBJ1	176.6	After	Interior Girder 3	6.39	0.95	1	1	5.04236
EV2_str	BOBJ1	176.6	After	Interior Girder 4	6.39	0.95	1	1	5.04236
EV2_str	BOBJ1	176.6	After	Interior Girder 5	6.39	0.95	1	1	5.338694
EV2_str	BOBJ1	176.6	After	Interior Girder 6	6.39	0.95	1	1	5.71242
EV2_str	BOBJ1	176.6	After	Right Exterior Girder	6.39	0.95	1	1	4.481011
EV2_str	BOBJ1	182.99	Before	Left Exterior Girder	12.78	0.95	1	1	6.788839
EV2_str	BOBJ1	182.99	Before	Interior Girder 1	12.78	0.95	1	1	4.352537
EV2_str	BOBJ1	182.99	Before	Interior Girder 2	12.78	0.95	1	1	3.975415
EV2_str	BOBJ1	182.99	Before	Interior Girder 3	12.78	0.95	1	1	3.745234
EV2_str	BOBJ1	182.99	Before	Interior Girder 4	12.78	0.95	1	1	3.745234
EV2_str	BOBJ1	182.99	Before	Interior Girder 5	12.78	0.95	1	1	3.975415
EV2_str	BOBJ1	182.99	Before	Interior Girder 6	12.78	0.95	1	1	4.352537
EV2_str	BOBJ1	182.99	Before	Right Exterior Girder	12.78	0.95	1	1	6.788839
EV2_str	BOBJ1	182.99	After	Left Exterior Girder	12.78	0.95	1	1	6.708208
EV2_str	BOBJ1	182.99	After	Interior Girder 1	12.78	0.95	1	1	4.360732
EV2_str	BOBJ1	182.99	After	Interior Girder 2	12.78	0.95	1	1	4.007888
EV2_str	BOBJ1	182.99	After	Interior Girder 3	12.78	0.95	1	1	3.869369
EV2_str	BOBJ1	182.99	After	Interior Girder 4	12.78	0.95	1	1	3.869369
EV2_str	BOBJ1	182.99	After	Interior Girder 5	12.78	0.95	1	1	4.007888
EV2_str	BOBJ1	182.99	After	Interior Girder 6	12.78	0.95	1	1	4.360732
EV2_str	BOBJ1	182.99	After	Right Exterior Girder	12.78	0.95	1	1	6.708208
EV2_str	BOBJ1	189.38	Before	Left Exterior Girder	19.17	0.95	1	1	3.453345
EV2_str	BOBJ1	189.38	Before	Interior Girder 1	19.17	0.95	1	1	2.903038

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelINonCompStrgth-Flx - Approach, Span 16-19									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
EV2_str	BOBJ1	189.38	Before	Interior Girder 2	19.17	0.95	1	1	2.673285
EV2_str	BOBJ1	189.38	Before	Interior Girder 3	19.17	0.95	1	1	2.589697
EV2_str	BOBJ1	189.38	Before	Interior Girder 4	19.17	0.95	1	1	2.589697
EV2_str	BOBJ1	189.38	Before	Interior Girder 5	19.17	0.95	1	1	2.673285
EV2_str	BOBJ1	189.38	Before	Interior Girder 6	19.17	0.95	1	1	2.903038
EV2_str	BOBJ1	189.38	Before	Right Exterior Girder	19.17	0.95	1	1	3.453345
EV2_str	BOBJ1	189.38	After	Left Exterior Girder	19.17	0.95	1	1	3.511561
EV2_str	BOBJ1	189.38	After	Interior Girder 1	19.17	0.95	1	1	2.873636
EV2_str	BOBJ1	189.38	After	Interior Girder 2	19.17	0.95	1	1	2.66695
EV2_str	BOBJ1	189.38	After	Interior Girder 3	19.17	0.95	1	1	2.612724
EV2_str	BOBJ1	189.38	After	Interior Girder 4	19.17	0.95	1	1	2.612724
EV2_str	BOBJ1	189.38	After	Interior Girder 5	19.17	0.95	1	1	2.66695
EV2_str	BOBJ1	189.38	After	Interior Girder 6	19.17	0.95	1	1	2.873636
EV2_str	BOBJ1	189.38	After	Right Exterior Girder	19.17	0.95	1	1	3.511561
EV2_str	BOBJ1	195.77	Before	Left Exterior Girder	25.56	0.95	1	1	2.672386
EV2_str	BOBJ1	195.77	Before	Interior Girder 1	25.56	0.95	1	1	2.036139
EV2_str	BOBJ1	195.77	Before	Interior Girder 2	25.56	0.95	1	1	1.962127
EV2_str	BOBJ1	195.77	Before	Interior Girder 3	25.56	0.95	1	1	1.880354
EV2_str	BOBJ1	195.77	Before	Interior Girder 4	25.56	0.95	1	1	1.880354
EV2_str	BOBJ1	195.77	Before	Interior Girder 5	25.56	0.95	1	1	1.962127
EV2_str	BOBJ1	195.77	Before	Interior Girder 6	25.56	0.95	1	1	2.036139
EV2_str	BOBJ1	195.77	Before	Right Exterior Girder	25.56	0.95	1	1	2.672386
EV2_str	BOBJ1	195.77	After	Left Exterior Girder	25.56	0.95	1	1	2.719353
EV2_str	BOBJ1	195.77	After	Interior Girder 1	25.56	0.95	1	1	2.014967
EV2_str	BOBJ1	195.77	After	Interior Girder 2	25.56	0.95	1	1	1.956167
EV2_str	BOBJ1	195.77	After	Interior Girder 3	25.56	0.95	1	1	1.892257
EV2_str	BOBJ1	195.77	After	Interior Girder 4	25.56	0.95	1	1	1.892257
EV2_str	BOBJ1	195.77	After	Interior Girder 5	25.56	0.95	1	1	1.956167
EV2_str	BOBJ1	195.77	After	Interior Girder 6	25.56	0.95	1	1	2.014967
EV2_str	BOBJ1	195.77	After	Right Exterior Girder	25.56	0.95	1	1	2.719353
EV2_str	BOBJ1	202.16	Before	Left Exterior Girder	31.95	0.95	1	1	2.377541
EV2_str	BOBJ1	202.16	Before	Interior Girder 1	31.95	0.95	1	1	1.821646
EV2_str	BOBJ1	202.16	Before	Interior Girder 2	31.95	0.95	1	1	1.771356
EV2_str	BOBJ1	202.16	Before	Interior Girder 3	31.95	0.95	1	1	1.710549
EV2_str	BOBJ1	202.16	Before	Interior Girder 4	31.95	0.95	1	1	1.710549
EV2_str	BOBJ1	202.16	Before	Interior Girder 5	31.95	0.95	1	1	1.771356
EV2_str	BOBJ1	202.16	Before	Interior Girder 6	31.95	0.95	1	1	1.821646
EV2_str	BOBJ1	202.16	Before	Right Exterior Girder	31.95	0.95	1	1	2.377541
EV2_str	BOBJ1	202.16	After	Left Exterior Girder	31.95	0.95	1	1	2.360172
EV2_str	BOBJ1	202.16	After	Interior Girder 1	31.95	0.95	1	1	1.824335
EV2_str	BOBJ1	202.16	After	Interior Girder 2	31.95	0.95	1	1	1.774379
EV2_str	BOBJ1	202.16	After	Interior Girder 3	31.95	0.95	1	1	1.710515
EV2_str	BOBJ1	202.16	After	Interior Girder 4	31.95	0.95	1	1	1.710515
EV2_str	BOBJ1	202.16	After	Interior Girder 5	31.95	0.95	1	1	1.774379
EV2_str	BOBJ1	202.16	After	Interior Girder 6	31.95	0.95	1	1	1.824335
EV2_str	BOBJ1	202.16	After	Right Exterior Girder	31.95	0.95	1	1	2.360172
EV2_str	BOBJ1	208.55	Before	Left Exterior Girder	38.34	0.95	1	1	2.256095
EV2_str	BOBJ1	208.55	Before	Interior Girder 1	38.34	0.95	1	1	1.936516
EV2_str	BOBJ1	208.55	Before	Interior Girder 2	38.34	0.95	1	1	1.874668
EV2_str	BOBJ1	208.55	Before	Interior Girder 3	38.34	0.95	1	1	1.847807
EV2_str	BOBJ1	208.55	Before	Interior Girder 4	38.34	0.95	1	1	1.847807
EV2_str	BOBJ1	208.55	Before	Interior Girder 5	38.34	0.95	1	1	1.874668
EV2_str	BOBJ1	208.55	Before	Interior Girder 6	38.34	0.95	1	1	1.936516
EV2_str	BOBJ1	208.55	Before	Right Exterior Girder	38.34	0.95	1	1	2.256095
EV2_str	BOBJ1	208.55	After	Left Exterior Girder	38.34	0.95	1	1	2.234406
EV2_str	BOBJ1	208.55	After	Interior Girder 1	38.34	0.95	1	1	1.945779
EV2_str	BOBJ1	208.55	After	Interior Girder 2	38.34	0.95	1	1	1.875048
EV2_str	BOBJ1	208.55	After	Interior Girder 3	38.34	0.95	1	1	1.842514
EV2_str	BOBJ1	208.55	After	Interior Girder 4	38.34	0.95	1	1	1.842514
EV2_str	BOBJ1	208.55	After	Interior Girder 5	38.34	0.95	1	1	1.875048
EV2_str	BOBJ1	208.55	After	Interior Girder 6	38.34	0.95	1	1	1.945779
EV2_str	BOBJ1	208.55	After	Right Exterior Girder	38.34	0.95	1	1	2.234406
EV2_str	BOBJ1	215.1233	Before	Left Exterior Girder	44.9133	0.95	1	1	3.079714
EV2_str	BOBJ1	215.1233	Before	Interior Girder 1	44.9133	0.95	1	1	2.220307
EV2_str	BOBJ1	215.1233	Before	Interior Girder 2	44.9133	0.95	1	1	2.144001

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelINonCompStrgth-Flx - Approach, Span 16-19									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
EV2_str	BOBJ1	215.1233	Before	Interior Girder 3	44.9133	0.95	1	1	2.057367
EV2_str	BOBJ1	215.1233	Before	Interior Girder 4	44.9133	0.95	1	1	2.057367
EV2_str	BOBJ1	215.1233	Before	Interior Girder 5	44.9133	0.95	1	1	2.144001
EV2_str	BOBJ1	215.1233	Before	Interior Girder 6	44.9133	0.95	1	1	2.220307
EV2_str	BOBJ1	215.1233	Before	Right Exterior Girder	44.9133	0.95	1	1	3.079714
EV2_str	BOBJ1	215.1233	After	Left Exterior Girder	44.9133	0.95	1	1	3.061808
EV2_str	BOBJ1	215.1233	After	Interior Girder 1	44.9133	0.95	1	1	2.226525
EV2_str	BOBJ1	215.1233	After	Interior Girder 2	44.9133	0.95	1	1	2.115141
EV2_str	BOBJ1	215.1233	After	Interior Girder 3	44.9133	0.95	1	1	2.018605
EV2_str	BOBJ1	215.1233	After	Interior Girder 4	44.9133	0.95	1	1	2.018605
EV2_str	BOBJ1	215.1233	After	Interior Girder 5	44.9133	0.95	1	1	2.115141
EV2_str	BOBJ1	215.1233	After	Interior Girder 6	44.9133	0.95	1	1	2.226525
EV2_str	BOBJ1	215.1233	After	Right Exterior Girder	44.9133	0.95	1	1	3.061808
EV2_str	BOBJ1	221.6967	Before	Left Exterior Girder	51.4867	0.95	1	1	6.240068
EV2_str	BOBJ1	221.6967	Before	Interior Girder 1	51.4867	0.95	1	1	3.689823
EV2_str	BOBJ1	221.6967	Before	Interior Girder 2	51.4867	0.95	1	1	3.529004
EV2_str	BOBJ1	221.6967	Before	Interior Girder 3	51.4867	0.95	1	1	3.128943
EV2_str	BOBJ1	221.6967	Before	Interior Girder 4	51.4867	0.95	1	1	3.128943
EV2_str	BOBJ1	221.6967	Before	Interior Girder 5	51.4867	0.95	1	1	3.529004
EV2_str	BOBJ1	221.6967	Before	Interior Girder 6	51.4867	0.95	1	1	3.689823
EV2_str	BOBJ1	221.6967	Before	Right Exterior Girder	51.4867	0.95	1	1	6.240068
EV2_str	BOBJ1	221.6967	After	Left Exterior Girder	51.4867	0.95	1	1	6.208584
EV2_str	BOBJ1	221.6967	After	Interior Girder 1	51.4867	0.95	1	1	3.707149
EV2_str	BOBJ1	221.6967	After	Interior Girder 2	51.4867	0.95	1	1	3.482714
EV2_str	BOBJ1	221.6967	After	Interior Girder 3	51.4867	0.95	1	1	3.021394
EV2_str	BOBJ1	221.6967	After	Interior Girder 4	51.4867	0.95	1	1	3.021394
EV2_str	BOBJ1	221.6967	After	Interior Girder 5	51.4867	0.95	1	1	3.482714
EV2_str	BOBJ1	221.6967	After	Interior Girder 6	51.4867	0.95	1	1	3.707149
EV2_str	BOBJ1	221.6967	After	Right Exterior Girder	51.4867	0.95	1	1	6.208584
EV2_str	BOBJ1	228.27	Before	Left Exterior Girder	58.06	0.95	1	1	465.834719
EV2_str	BOBJ1	228.27	Before	Interior Girder 1	58.06	0.95	1	1	361.859222
EV2_str	BOBJ1	228.27	Before	Interior Girder 2	58.06	0.95	1	1	239.67755
EV2_str	BOBJ1	228.27	Before	Interior Girder 3	58.06	0.95	1	1	178.737035
EV2_str	BOBJ1	228.27	Before	Interior Girder 4	58.06	0.95	1	1	178.737035
EV2_str	BOBJ1	228.27	Before	Interior Girder 5	58.06	0.95	1	1	239.67755
EV2_str	BOBJ1	228.27	Before	Interior Girder 6	58.06	0.95	1	1	361.859222
EV2_str	BOBJ1	228.27	Before	Right Exterior Girder	58.06	0.95	1	1	465.83472
EV3_str	BOBJ1	0	After	Left Exterior Girder	0	0.95	1	1	293.366026
EV3_str	BOBJ1	0	After	Interior Girder 1	0	0.95	1	1	269.935285
EV3_str	BOBJ1	0	After	Interior Girder 2	0	0.95	1	1	160.551864
EV3_str	BOBJ1	0	After	Interior Girder 3	0	0.95	1	1	127.729532
EV3_str	BOBJ1	0	After	Interior Girder 4	0	0.95	1	1	127.729532
EV3_str	BOBJ1	0	After	Interior Girder 5	0	0.95	1	1	160.551866
EV3_str	BOBJ1	0	After	Interior Girder 6	0	0.95	1	1	269.935285
EV3_str	BOBJ1	0	After	Right Exterior Girder	0	0.95	1	1	293.366026
EV3_str	BOBJ1	5.3833	Before	Left Exterior Girder	5.3833	0.95	1	1	4.326123
EV3_str	BOBJ1	5.3833	Before	Interior Girder 1	5.3833	0.95	1	1	2.628017
EV3_str	BOBJ1	5.3833	Before	Interior Girder 2	5.3833	0.95	1	1	2.465142
EV3_str	BOBJ1	5.3833	Before	Interior Girder 3	5.3833	0.95	1	1	2.110514
EV3_str	BOBJ1	5.3833	Before	Interior Girder 4	5.3833	0.95	1	1	2.110514
EV3_str	BOBJ1	5.3833	Before	Interior Girder 5	5.3833	0.95	1	1	2.465142
EV3_str	BOBJ1	5.3833	Before	Interior Girder 6	5.3833	0.95	1	1	2.628017
EV3_str	BOBJ1	5.3833	Before	Right Exterior Girder	5.3833	0.95	1	1	4.326123
EV3_str	BOBJ1	5.3833	After	Left Exterior Girder	5.3833	0.95	1	1	4.364464
EV3_str	BOBJ1	5.3833	After	Interior Girder 1	5.3833	0.95	1	1	2.636784
EV3_str	BOBJ1	5.3833	After	Interior Girder 2	5.3833	0.95	1	1	2.502146
EV3_str	BOBJ1	5.3833	After	Interior Girder 3	5.3833	0.95	1	1	2.179927
EV3_str	BOBJ1	5.3833	After	Interior Girder 4	5.3833	0.95	1	1	2.179927
EV3_str	BOBJ1	5.3833	After	Interior Girder 5	5.3833	0.95	1	1	2.502146
EV3_str	BOBJ1	5.3833	After	Interior Girder 6	5.3833	0.95	1	1	2.636784
EV3_str	BOBJ1	5.3833	After	Right Exterior Girder	5.3833	0.95	1	1	4.364464
EV3_str	BOBJ1	10.7667	Before	Left Exterior Girder	10.7667	0.95	1	1	2.315391
EV3_str	BOBJ1	10.7667	Before	Interior Girder 1	10.7667	0.95	1	1	1.690859
EV3_str	BOBJ1	10.7667	Before	Interior Girder 2	10.7667	0.95	1	1	1.578624
EV3_str	BOBJ1	10.7667	Before	Interior Girder 3	10.7667	0.95	1	1	1.484259

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelINonCompStrgth-Flx - Approach, Span 16-19									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
EV3_str	BOBJ1	10.7667	Before	Interior Girder 4	10.7667	0.95	1	1	1.484259
EV3_str	BOBJ1	10.7667	Before	Interior Girder 5	10.7667	0.95	1	1	1.578624
EV3_str	BOBJ1	10.7667	Before	Interior Girder 6	10.7667	0.95	1	1	1.690859
EV3_str	BOBJ1	10.7667	Before	Right Exterior Girder	10.7667	0.95	1	1	2.315391
EV3_str	BOBJ1	10.7667	After	Left Exterior Girder	10.7667	0.95	1	1	2.313558
EV3_str	BOBJ1	10.7667	After	Interior Girder 1	10.7667	0.95	1	1	1.695643
EV3_str	BOBJ1	10.7667	After	Interior Girder 2	10.7667	0.95	1	1	1.601752
EV3_str	BOBJ1	10.7667	After	Interior Girder 3	10.7667	0.95	1	1	1.508801
EV3_str	BOBJ1	10.7667	After	Interior Girder 4	10.7667	0.95	1	1	1.508801
EV3_str	BOBJ1	10.7667	After	Interior Girder 5	10.7667	0.95	1	1	1.601752
EV3_str	BOBJ1	10.7667	After	Interior Girder 6	10.7667	0.95	1	1	1.695643
EV3_str	BOBJ1	10.7667	After	Right Exterior Girder	10.7667	0.95	1	1	2.313558
EV3_str	BOBJ1	16.15	Before	Left Exterior Girder	16.15	0.95	1	1	1.787634
EV3_str	BOBJ1	16.15	Before	Interior Girder 1	16.15	0.95	1	1	1.533208
EV3_str	BOBJ1	16.15	Before	Interior Girder 2	16.15	0.95	1	1	1.428847
EV3_str	BOBJ1	16.15	Before	Interior Girder 3	16.15	0.95	1	1	1.38144
EV3_str	BOBJ1	16.15	Before	Interior Girder 4	16.15	0.95	1	1	1.38144
EV3_str	BOBJ1	16.15	Before	Interior Girder 5	16.15	0.95	1	1	1.428847
EV3_str	BOBJ1	16.15	Before	Interior Girder 6	16.15	0.95	1	1	1.533208
EV3_str	BOBJ1	16.15	Before	Right Exterior Girder	16.15	0.95	1	1	1.787634
EV3_str	BOBJ1	16.15	After	Left Exterior Girder	16.15	0.95	1	1	1.793925
EV3_str	BOBJ1	16.15	After	Interior Girder 1	16.15	0.95	1	1	1.526926
EV3_str	BOBJ1	16.15	After	Interior Girder 2	16.15	0.95	1	1	1.43056
EV3_str	BOBJ1	16.15	After	Interior Girder 3	16.15	0.95	1	1	1.382439
EV3_str	BOBJ1	16.15	After	Interior Girder 4	16.15	0.95	1	1	1.382439
EV3_str	BOBJ1	16.15	After	Interior Girder 5	16.15	0.95	1	1	1.43056
EV3_str	BOBJ1	16.15	After	Interior Girder 6	16.15	0.95	1	1	1.526926
EV3_str	BOBJ1	16.15	After	Right Exterior Girder	16.15	0.95	1	1	1.793925
EV3_str	BOBJ1	22.1267	Before	Left Exterior Girder	22.1267	0.95	1	1	1.961369
EV3_str	BOBJ1	22.1267	Before	Interior Girder 1	22.1267	0.95	1	1	1.464203
EV3_str	BOBJ1	22.1267	Before	Interior Girder 2	22.1267	0.95	1	1	1.387176
EV3_str	BOBJ1	22.1267	Before	Interior Girder 3	22.1267	0.95	1	1	1.318646
EV3_str	BOBJ1	22.1267	Before	Interior Girder 4	22.1267	0.95	1	1	1.318646
EV3_str	BOBJ1	22.1267	Before	Interior Girder 5	22.1267	0.95	1	1	1.387176
EV3_str	BOBJ1	22.1267	Before	Interior Girder 6	22.1267	0.95	1	1	1.464203
EV3_str	BOBJ1	22.1267	Before	Right Exterior Girder	22.1267	0.95	1	1	1.961369
EV3_str	BOBJ1	22.1267	After	Left Exterior Girder	22.1267	0.95	1	1	1.971967
EV3_str	BOBJ1	22.1267	After	Interior Girder 1	22.1267	0.95	1	1	1.458375
EV3_str	BOBJ1	22.1267	After	Interior Girder 2	22.1267	0.95	1	1	1.37883
EV3_str	BOBJ1	22.1267	After	Interior Girder 3	22.1267	0.95	1	1	1.311619
EV3_str	BOBJ1	22.1267	After	Interior Girder 4	22.1267	0.95	1	1	1.311619
EV3_str	BOBJ1	22.1267	After	Interior Girder 5	22.1267	0.95	1	1	1.37883
EV3_str	BOBJ1	22.1267	After	Interior Girder 6	22.1267	0.95	1	1	1.458375
EV3_str	BOBJ1	22.1267	After	Right Exterior Girder	22.1267	0.95	1	1	1.971967
EV3_str	BOBJ1	28.1033	Before	Left Exterior Girder	28.1033	0.95	1	1	2.521031
EV3_str	BOBJ1	28.1033	Before	Interior Girder 1	28.1033	0.95	1	1	1.775697
EV3_str	BOBJ1	28.1033	Before	Interior Girder 2	28.1033	0.95	1	1	1.67233
EV3_str	BOBJ1	28.1033	Before	Interior Girder 3	28.1033	0.95	1	1	1.605033
EV3_str	BOBJ1	28.1033	Before	Interior Girder 4	28.1033	0.95	1	1	1.605033
EV3_str	BOBJ1	28.1033	Before	Interior Girder 5	28.1033	0.95	1	1	1.67233
EV3_str	BOBJ1	28.1033	Before	Interior Girder 6	28.1033	0.95	1	1	1.775697
EV3_str	BOBJ1	28.1033	Before	Right Exterior Girder	28.1033	0.95	1	1	2.521031
EV3_str	BOBJ1	28.1033	After	Left Exterior Girder	28.1033	0.95	1	1	2.488238
EV3_str	BOBJ1	28.1033	After	Interior Girder 1	28.1033	0.95	1	1	1.795691
EV3_str	BOBJ1	28.1033	After	Interior Girder 2	28.1033	0.95	1	1	1.675762
EV3_str	BOBJ1	28.1033	After	Interior Girder 3	28.1033	0.95	1	1	1.594912
EV3_str	BOBJ1	28.1033	After	Interior Girder 4	28.1033	0.95	1	1	1.594912
EV3_str	BOBJ1	28.1033	After	Interior Girder 5	28.1033	0.95	1	1	1.675762
EV3_str	BOBJ1	28.1033	After	Interior Girder 6	28.1033	0.95	1	1	1.795691
EV3_str	BOBJ1	28.1033	After	Right Exterior Girder	28.1033	0.95	1	1	2.488238
EV3_str	BOBJ1	34.08	Before	Left Exterior Girder	34.08	0.95	1	1	3.035753
EV3_str	BOBJ1	34.08	Before	Interior Girder 1	34.08	0.95	1	1	2.997687
EV3_str	BOBJ1	34.08	Before	Interior Girder 2	34.08	0.95	1	1	2.702337
EV3_str	BOBJ1	34.08	Before	Interior Girder 3	34.08	0.95	1	1	2.648196
EV3_str	BOBJ1	34.08	Before	Interior Girder 4	34.08	0.95	1	1	2.648196

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelINonCompStrgth-Flx - Approach, Span 16-19									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
EV3_str	BOBJ1	34.08	Before	Interior Girder 5	34.08	0.95	1	1	2.702337
EV3_str	BOBJ1	34.08	Before	Interior Girder 6	34.08	0.95	1	1	2.997687
EV3_str	BOBJ1	34.08	Before	Right Exterior Girder	34.08	0.95	1	1	3.035753
EV3_str	BOBJ1	34.08	After	Left Exterior Girder	34.08	0.95	1	1	2.880994
EV3_str	BOBJ1	34.08	After	Interior Girder 1	34.08	0.95	1	1	3.008797
EV3_str	BOBJ1	34.08	After	Interior Girder 2	34.08	0.95	1	1	2.688397
EV3_str	BOBJ1	34.08	After	Interior Girder 3	34.08	0.95	1	1	2.594612
EV3_str	BOBJ1	34.08	After	Interior Girder 4	34.08	0.95	1	1	2.594612
EV3_str	BOBJ1	34.08	After	Interior Girder 5	34.08	0.95	1	1	2.688397
EV3_str	BOBJ1	34.08	After	Interior Girder 6	34.08	0.95	1	1	3.008797
EV3_str	BOBJ1	34.08	After	Right Exterior Girder	34.08	0.95	1	1	2.880994
EV3_str	BOBJ1	39.855	Before	Left Exterior Girder	39.855	0.95	1	1	1.812816
EV3_str	BOBJ1	39.855	Before	Interior Girder 1	39.855	0.95	1	1	2.263592
EV3_str	BOBJ1	39.855	Before	Interior Girder 2	39.855	0.95	1	1	2.244752
EV3_str	BOBJ1	39.855	Before	Interior Girder 3	39.855	0.95	1	1	2.14712
EV3_str	BOBJ1	39.855	Before	Interior Girder 4	39.855	0.95	1	1	2.14712
EV3_str	BOBJ1	39.855	Before	Interior Girder 5	39.855	0.95	1	1	2.244752
EV3_str	BOBJ1	39.855	Before	Interior Girder 6	39.855	0.95	1	1	2.263592
EV3_str	BOBJ1	39.855	Before	Right Exterior Girder	39.855	0.95	1	1	1.812816
EV3_str	BOBJ1	39.855	After	Left Exterior Girder	39.855	0.95	1	1	1.848495
EV3_str	BOBJ1	39.855	After	Interior Girder 1	39.855	0.95	1	1	2.229107
EV3_str	BOBJ1	39.855	After	Interior Girder 2	39.855	0.95	1	1	2.214782
EV3_str	BOBJ1	39.855	After	Interior Girder 3	39.855	0.95	1	1	2.135285
EV3_str	BOBJ1	39.855	After	Interior Girder 4	39.855	0.95	1	1	2.135285
EV3_str	BOBJ1	39.855	After	Interior Girder 5	39.855	0.95	1	1	2.214782
EV3_str	BOBJ1	39.855	After	Interior Girder 6	39.855	0.95	1	1	2.229107
EV3_str	BOBJ1	39.855	After	Right Exterior Girder	39.855	0.95	1	1	1.848495
EV3_str	BOBJ1	40.0288	Before	Left Exterior Girder	40.0288	0.95	1	1	1.807365
EV3_str	BOBJ1	40.0288	Before	Right Exterior Girder	40.0288	0.95	1	1	1.807365
EV3_str	BOBJ1	40.0288	After	Left Exterior Girder	40.0288	0.95	1	1	2.672397
EV3_str	BOBJ1	40.0288	After	Right Exterior Girder	40.0288	0.95	1	1	2.672397
EV3_str	BOBJ1	45.63	Before	Left Exterior Girder	45.63	0.95	1	1	1.659453
EV3_str	BOBJ1	45.63	Before	Interior Girder 1	45.63	0.95	1	1	1.546569
EV3_str	BOBJ1	45.63	Before	Interior Girder 2	45.63	0.95	1	1	1.54542
EV3_str	BOBJ1	45.63	Before	Interior Girder 3	45.63	0.95	1	1	1.316234
EV3_str	BOBJ1	45.63	Before	Interior Girder 4	45.63	0.95	1	1	1.316234
EV3_str	BOBJ1	45.63	Before	Interior Girder 5	45.63	0.95	1	1	1.54542
EV3_str	BOBJ1	45.63	Before	Interior Girder 6	45.63	0.95	1	1	1.546569
EV3_str	BOBJ1	45.63	Before	Right Exterior Girder	45.63	0.95	1	1	1.659453
EV3_str	BOBJ1	45.63	After	Left Exterior Girder	0	0.95	1	1	1.649181
EV3_str	BOBJ1	45.63	After	Interior Girder 1	0	0.95	1	1	1.39621
EV3_str	BOBJ1	45.63	After	Interior Girder 2	0	0.95	1	1	1.379951
EV3_str	BOBJ1	45.63	After	Interior Girder 3	0	0.95	1	1	1.135856
EV3_str	BOBJ1	45.63	After	Interior Girder 4	0	0.95	1	1	1.135856
EV3_str	BOBJ1	45.63	After	Interior Girder 5	0	0.95	1	1	1.379951
EV3_str	BOBJ1	45.63	After	Interior Girder 6	0	0.95	1	1	1.39621
EV3_str	BOBJ1	45.63	After	Right Exterior Girder	0	0.95	1	1	1.649181
EV3_str	BOBJ1	50.6298	Before	Left Exterior Girder	4.9998	0.95	1	1	4.557014
EV3_str	BOBJ1	50.6298	Before	Right Exterior Girder	4.9998	0.95	1	1	4.557014
EV3_str	BOBJ1	50.6298	After	Left Exterior Girder	4.9998	0.95	1	1	2.921959
EV3_str	BOBJ1	50.6298	After	Right Exterior Girder	4.9998	0.95	1	1	2.921959
EV3_str	BOBJ1	51.4	Before	Left Exterior Girder	5.77	0.95	1	1	3.433241
EV3_str	BOBJ1	51.4	Before	Interior Girder 1	5.77	0.95	1	1	3.73243
EV3_str	BOBJ1	51.4	Before	Interior Girder 2	5.77	0.95	1	1	3.474452
EV3_str	BOBJ1	51.4	Before	Interior Girder 3	5.77	0.95	1	1	3.216514
EV3_str	BOBJ1	51.4	Before	Interior Girder 4	5.77	0.95	1	1	3.216514
EV3_str	BOBJ1	51.4	Before	Interior Girder 5	5.77	0.95	1	1	3.474452
EV3_str	BOBJ1	51.4	Before	Interior Girder 6	5.77	0.95	1	1	3.73243
EV3_str	BOBJ1	51.4	Before	Right Exterior Girder	5.77	0.95	1	1	3.433241
EV3_str	BOBJ1	51.4	After	Left Exterior Girder	5.77	0.95	1	1	3.357487
EV3_str	BOBJ1	51.4	After	Interior Girder 1	5.77	0.95	1	1	3.80182
EV3_str	BOBJ1	51.4	After	Interior Girder 2	5.77	0.95	1	1	3.514841
EV3_str	BOBJ1	51.4	After	Interior Girder 3	5.77	0.95	1	1	3.246128
EV3_str	BOBJ1	51.4	After	Interior Girder 4	5.77	0.95	1	1	3.246128
EV3_str	BOBJ1	51.4	After	Interior Girder 5	5.77	0.95	1	1	3.514841

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelINonCompStrgth-Flx - Approach, Span 16-19									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
EV3_str	BOBJ1	51.4	After	Interior Girder 6	5.77	0.95	1	1	3.80182
EV3_str	BOBJ1	51.4	After	Right Exterior Girder	5.77	0.95	1	1	3.357487
EV3_str	BOBJ1	57.17	Before	Left Exterior Girder	11.54	0.95	1	1	4.723168
EV3_str	BOBJ1	57.17	Before	Interior Girder 1	11.54	0.95	1	1	3.497903
EV3_str	BOBJ1	57.17	Before	Interior Girder 2	11.54	0.95	1	1	3.028516
EV3_str	BOBJ1	57.17	Before	Interior Girder 3	11.54	0.95	1	1	2.893093
EV3_str	BOBJ1	57.17	Before	Interior Girder 4	11.54	0.95	1	1	2.893093
EV3_str	BOBJ1	57.17	Before	Interior Girder 5	11.54	0.95	1	1	3.028516
EV3_str	BOBJ1	57.17	Before	Interior Girder 6	11.54	0.95	1	1	3.497903
EV3_str	BOBJ1	57.17	Before	Right Exterior Girder	11.54	0.95	1	1	4.723168
EV3_str	BOBJ1	57.17	After	Left Exterior Girder	11.54	0.95	1	1	4.805142
EV3_str	BOBJ1	57.17	After	Interior Girder 1	11.54	0.95	1	1	3.455158
EV3_str	BOBJ1	57.17	After	Interior Girder 2	11.54	0.95	1	1	3.014318
EV3_str	BOBJ1	57.17	After	Interior Girder 3	11.54	0.95	1	1	2.931876
EV3_str	BOBJ1	57.17	After	Interior Girder 4	11.54	0.95	1	1	2.931876
EV3_str	BOBJ1	57.17	After	Interior Girder 5	11.54	0.95	1	1	3.014318
EV3_str	BOBJ1	57.17	After	Interior Girder 6	11.54	0.95	1	1	3.455158
EV3_str	BOBJ1	57.17	After	Right Exterior Girder	11.54	0.95	1	1	4.805142
EV3_str	BOBJ1	63.34	Before	Left Exterior Girder	17.71	0.95	1	1	2.399409
EV3_str	BOBJ1	63.34	Before	Interior Girder 1	17.71	0.95	1	1	1.745776
EV3_str	BOBJ1	63.34	Before	Interior Girder 2	17.71	0.95	1	1	1.632316
EV3_str	BOBJ1	63.34	Before	Interior Girder 3	17.71	0.95	1	1	1.555877
EV3_str	BOBJ1	63.34	Before	Interior Girder 4	17.71	0.95	1	1	1.555877
EV3_str	BOBJ1	63.34	Before	Interior Girder 5	17.71	0.95	1	1	1.632316
EV3_str	BOBJ1	63.34	Before	Interior Girder 6	17.71	0.95	1	1	1.745776
EV3_str	BOBJ1	63.34	Before	Right Exterior Girder	17.71	0.95	1	1	2.399409
EV3_str	BOBJ1	63.34	After	Left Exterior Girder	17.71	0.95	1	1	2.465408
EV3_str	BOBJ1	63.34	After	Interior Girder 1	17.71	0.95	1	1	1.717214
EV3_str	BOBJ1	63.34	After	Interior Girder 2	17.71	0.95	1	1	1.622536
EV3_str	BOBJ1	63.34	After	Interior Girder 3	17.71	0.95	1	1	1.572164
EV3_str	BOBJ1	63.34	After	Interior Girder 4	17.71	0.95	1	1	1.572164
EV3_str	BOBJ1	63.34	After	Interior Girder 5	17.71	0.95	1	1	1.622536
EV3_str	BOBJ1	63.34	After	Interior Girder 6	17.71	0.95	1	1	1.717214
EV3_str	BOBJ1	63.34	After	Right Exterior Girder	17.71	0.95	1	1	2.465408
EV3_str	BOBJ1	69.51	Before	Left Exterior Girder	23.88	0.95	1	1	1.533931
EV3_str	BOBJ1	69.51	Before	Interior Girder 1	23.88	0.95	1	1	1.226274
EV3_str	BOBJ1	69.51	Before	Interior Girder 2	23.88	0.95	1	1	1.184426
EV3_str	BOBJ1	69.51	Before	Interior Girder 3	23.88	0.95	1	1	1.15171
EV3_str	BOBJ1	69.51	Before	Interior Girder 4	23.88	0.95	1	1	1.15171
EV3_str	BOBJ1	69.51	Before	Interior Girder 5	23.88	0.95	1	1	1.184426
EV3_str	BOBJ1	69.51	Before	Interior Girder 6	23.88	0.95	1	1	1.226274
EV3_str	BOBJ1	69.51	Before	Right Exterior Girder	23.88	0.95	1	1	1.533931
EV3_str	BOBJ1	69.51	After	Left Exterior Girder	23.88	0.95	1	1	1.54533
EV3_str	BOBJ1	69.51	After	Interior Girder 1	23.88	0.95	1	1	1.223433
EV3_str	BOBJ1	69.51	After	Interior Girder 2	23.88	0.95	1	1	1.189095
EV3_str	BOBJ1	69.51	After	Interior Girder 3	23.88	0.95	1	1	1.158486
EV3_str	BOBJ1	69.51	After	Interior Girder 4	23.88	0.95	1	1	1.158486
EV3_str	BOBJ1	69.51	After	Interior Girder 5	23.88	0.95	1	1	1.189095
EV3_str	BOBJ1	69.51	After	Interior Girder 6	23.88	0.95	1	1	1.223433
EV3_str	BOBJ1	69.51	After	Right Exterior Girder	23.88	0.95	1	1	1.54533
EV3_str	BOBJ1	75.68	Before	Left Exterior Girder	30.05	0.95	1	1	1.165242
EV3_str	BOBJ1	75.68	Before	Interior Girder 1	30.05	0.95	1	1	1.101043
EV3_str	BOBJ1	75.68	Before	Interior Girder 2	30.05	0.95	1	1	1.080807
EV3_str	BOBJ1	75.68	Before	Interior Girder 3	30.05	0.95	1	1	1.085513
EV3_str	BOBJ1	75.68	Before	Interior Girder 4	30.05	0.95	1	1	1.085513
EV3_str	BOBJ1	75.68	Before	Interior Girder 5	30.05	0.95	1	1	1.080807
EV3_str	BOBJ1	75.68	Before	Interior Girder 6	30.05	0.95	1	1	1.101043
EV3_str	BOBJ1	75.68	Before	Right Exterior Girder	30.05	0.95	1	1	1.165242
EV3_str	BOBJ1	75.68	After	Left Exterior Girder	30.05	0.95	1	1	1.173264
EV3_str	BOBJ1	75.68	After	Interior Girder 1	30.05	0.95	1	1	1.097381
EV3_str	BOBJ1	75.68	After	Interior Girder 2	30.05	0.95	1	1	1.07707
EV3_str	BOBJ1	75.68	After	Interior Girder 3	30.05	0.95	1	1	1.082997
EV3_str	BOBJ1	75.68	After	Interior Girder 4	30.05	0.95	1	1	1.082997
EV3_str	BOBJ1	75.68	After	Interior Girder 5	30.05	0.95	1	1	1.07707
EV3_str	BOBJ1	75.68	After	Interior Girder 6	30.05	0.95	1	1	1.097381

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelINonCompStrgth-Flx - Approach, Span 16-19									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
EV3_str	BOBJ1	75.68	After	Right Exterior Girder	30.05	0.95	1	1	1.173264
EV3_str	BOBJ1	81.8467	Before	Left Exterior Girder	36.2167	0.95	1	1	1.217834
EV3_str	BOBJ1	81.8467	Before	Interior Girder 1	36.2167	0.95	1	1	1.020542
EV3_str	BOBJ1	81.8467	Before	Interior Girder 2	36.2167	0.95	1	1	1.009679
EV3_str	BOBJ1	81.8467	Before	Interior Girder 3	36.2167	0.95	1	1	0.990897
EV3_str	BOBJ1	81.8467	Before	Interior Girder 4	36.2167	0.95	1	1	0.990897
EV3_str	BOBJ1	81.8467	Before	Interior Girder 5	36.2167	0.95	1	1	1.009679
EV3_str	BOBJ1	81.8467	Before	Interior Girder 6	36.2167	0.95	1	1	1.020542
EV3_str	BOBJ1	81.8467	Before	Right Exterior Girder	36.2167	0.95	1	1	1.217834
EV3_str	BOBJ1	81.8467	After	Left Exterior Girder	36.2167	0.95	1	1	1.222238
EV3_str	BOBJ1	81.8467	After	Interior Girder 1	36.2167	0.95	1	1	1.017199
EV3_str	BOBJ1	81.8467	After	Interior Girder 2	36.2167	0.95	1	1	1.004716
EV3_str	BOBJ1	81.8467	After	Interior Girder 3	36.2167	0.95	1	1	0.986847
EV3_str	BOBJ1	81.8467	After	Interior Girder 4	36.2167	0.95	1	1	0.986847
EV3_str	BOBJ1	81.8467	After	Interior Girder 5	36.2167	0.95	1	1	1.004716
EV3_str	BOBJ1	81.8467	After	Interior Girder 6	36.2167	0.95	1	1	1.017199
EV3_str	BOBJ1	81.8467	After	Right Exterior Girder	36.2167	0.95	1	1	1.222238
EV3_str	BOBJ1	88.0133	Before	Left Exterior Girder	42.3833	0.95	1	1	1.465772
EV3_str	BOBJ1	88.0133	Before	Interior Girder 1	42.3833	0.95	1	1	1.168222
EV3_str	BOBJ1	88.0133	Before	Interior Girder 2	42.3833	0.95	1	1	1.140232
EV3_str	BOBJ1	88.0133	Before	Interior Girder 3	42.3833	0.95	1	1	1.117639
EV3_str	BOBJ1	88.0133	Before	Interior Girder 4	42.3833	0.95	1	1	1.117639
EV3_str	BOBJ1	88.0133	Before	Interior Girder 5	42.3833	0.95	1	1	1.140232
EV3_str	BOBJ1	88.0133	Before	Interior Girder 6	42.3833	0.95	1	1	1.168222
EV3_str	BOBJ1	88.0133	Before	Right Exterior Girder	42.3833	0.95	1	1	1.465772
EV3_str	BOBJ1	88.0133	After	Left Exterior Girder	42.3833	0.95	1	1	1.436282
EV3_str	BOBJ1	88.0133	After	Interior Girder 1	42.3833	0.95	1	1	1.183877
EV3_str	BOBJ1	88.0133	After	Interior Girder 2	42.3833	0.95	1	1	1.148735
EV3_str	BOBJ1	88.0133	After	Interior Girder 3	42.3833	0.95	1	1	1.115877
EV3_str	BOBJ1	88.0133	After	Interior Girder 4	42.3833	0.95	1	1	1.115877
EV3_str	BOBJ1	88.0133	After	Interior Girder 5	42.3833	0.95	1	1	1.148735
EV3_str	BOBJ1	88.0133	After	Interior Girder 6	42.3833	0.95	1	1	1.183877
EV3_str	BOBJ1	88.0133	After	Right Exterior Girder	42.3833	0.95	1	1	1.436282
EV3_str	BOBJ1	94.18	Before	Left Exterior Girder	48.55	0.95	1	1	1.997195
EV3_str	BOBJ1	94.18	Before	Interior Girder 1	48.55	0.95	1	1	1.734074
EV3_str	BOBJ1	94.18	Before	Interior Girder 2	48.55	0.95	1	1	1.608045
EV3_str	BOBJ1	94.18	Before	Interior Girder 3	48.55	0.95	1	1	1.585441
EV3_str	BOBJ1	94.18	Before	Interior Girder 4	48.55	0.95	1	1	1.585441
EV3_str	BOBJ1	94.18	Before	Interior Girder 5	48.55	0.95	1	1	1.608045
EV3_str	BOBJ1	94.18	Before	Interior Girder 6	48.55	0.95	1	1	1.734074
EV3_str	BOBJ1	94.18	Before	Right Exterior Girder	48.55	0.95	1	1	1.997195
EV3_str	BOBJ1	94.18	After	Left Exterior Girder	48.55	0.95	1	1	1.9566
EV3_str	BOBJ1	94.18	After	Interior Girder 1	48.55	0.95	1	1	1.754029
EV3_str	BOBJ1	94.18	After	Interior Girder 2	48.55	0.95	1	1	1.616382
EV3_str	BOBJ1	94.18	After	Interior Girder 3	48.55	0.95	1	1	1.57563
EV3_str	BOBJ1	94.18	After	Interior Girder 4	48.55	0.95	1	1	1.57563
EV3_str	BOBJ1	94.18	After	Interior Girder 5	48.55	0.95	1	1	1.616382
EV3_str	BOBJ1	94.18	After	Interior Girder 6	48.55	0.95	1	1	1.754029
EV3_str	BOBJ1	94.18	After	Right Exterior Girder	48.55	0.95	1	1	1.9566
EV3_str	BOBJ1	100.3567	Before	Left Exterior Girder	54.7267	0.95	1	1	4.026227
EV3_str	BOBJ1	100.3567	Before	Interior Girder 1	54.7267	0.95	1	1	2.707851
EV3_str	BOBJ1	100.3567	Before	Interior Girder 2	54.7267	0.95	1	1	2.475777
EV3_str	BOBJ1	100.3567	Before	Interior Girder 3	54.7267	0.95	1	1	2.377745
EV3_str	BOBJ1	100.3567	Before	Interior Girder 4	54.7267	0.95	1	1	2.377745
EV3_str	BOBJ1	100.3567	Before	Interior Girder 5	54.7267	0.95	1	1	2.475777
EV3_str	BOBJ1	100.3567	Before	Interior Girder 6	54.7267	0.95	1	1	2.707851
EV3_str	BOBJ1	100.3567	Before	Right Exterior Girder	54.7267	0.95	1	1	4.026227
EV3_str	BOBJ1	100.3567	After	Left Exterior Girder	54.7267	0.95	1	1	4.093173
EV3_str	BOBJ1	100.3567	After	Interior Girder 1	54.7267	0.95	1	1	2.709093
EV3_str	BOBJ1	100.3567	After	Interior Girder 2	54.7267	0.95	1	1	2.461352
EV3_str	BOBJ1	100.3567	After	Interior Girder 3	54.7267	0.95	1	1	2.313805
EV3_str	BOBJ1	100.3567	After	Interior Girder 4	54.7267	0.95	1	1	2.313805
EV3_str	BOBJ1	100.3567	After	Interior Girder 5	54.7267	0.95	1	1	2.461352
EV3_str	BOBJ1	100.3567	After	Interior Girder 6	54.7267	0.95	1	1	2.709093
EV3_str	BOBJ1	100.3567	After	Right Exterior Girder	54.7267	0.95	1	1	4.093173

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelINonCompStrgth-Flx - Approach, Span 16-19									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
EV3_str	BOBJ1	106.5333	Before	Left Exterior Girder	60.9033	0.95	1	1	2.508259
EV3_str	BOBJ1	106.5333	Before	Interior Girder 1	60.9033	0.95	1	1	3.352055
EV3_str	BOBJ1	106.5333	Before	Interior Girder 2	60.9033	0.95	1	1	3.152101
EV3_str	BOBJ1	106.5333	Before	Interior Girder 3	60.9033	0.95	1	1	2.964163
EV3_str	BOBJ1	106.5333	Before	Interior Girder 4	60.9033	0.95	1	1	2.964163
EV3_str	BOBJ1	106.5333	Before	Interior Girder 5	60.9033	0.95	1	1	3.152101
EV3_str	BOBJ1	106.5333	Before	Interior Girder 6	60.9033	0.95	1	1	3.352055
EV3_str	BOBJ1	106.5333	Before	Right Exterior Girder	60.9033	0.95	1	1	2.508259
EV3_str	BOBJ1	106.5333	After	Left Exterior Girder	60.9033	0.95	1	1	2.580002
EV3_str	BOBJ1	106.5333	After	Interior Girder 1	60.9033	0.95	1	1	3.27071
EV3_str	BOBJ1	106.5333	After	Interior Girder 2	60.9033	0.95	1	1	3.078409
EV3_str	BOBJ1	106.5333	After	Interior Girder 3	60.9033	0.95	1	1	2.89801
EV3_str	BOBJ1	106.5333	After	Interior Girder 4	60.9033	0.95	1	1	2.89801
EV3_str	BOBJ1	106.5333	After	Interior Girder 5	60.9033	0.95	1	1	3.078409
EV3_str	BOBJ1	106.5333	After	Interior Girder 6	60.9033	0.95	1	1	3.27071
EV3_str	BOBJ1	106.5333	After	Right Exterior Girder	60.9033	0.95	1	1	2.580002
EV3_str	BOBJ1	108.2102	Before	Left Exterior Girder	62.5802	0.95	1	1	2.106137
EV3_str	BOBJ1	108.2102	Before	Right Exterior Girder	62.5802	0.95	1	1	2.106137
EV3_str	BOBJ1	108.2102	After	Left Exterior Girder	62.5802	0.95	1	1	3.265487
EV3_str	BOBJ1	108.2102	After	Right Exterior Girder	62.5802	0.95	1	1	3.265487
EV3_str	BOBJ1	112.71	Before	Left Exterior Girder	67.08	0.95	1	1	1.470776
EV3_str	BOBJ1	112.71	Before	Interior Girder 1	67.08	0.95	1	1	1.438225
EV3_str	BOBJ1	112.71	Before	Interior Girder 2	67.08	0.95	1	1	1.406029
EV3_str	BOBJ1	112.71	Before	Interior Girder 3	67.08	0.95	1	1	1.178516
EV3_str	BOBJ1	112.71	Before	Interior Girder 4	67.08	0.95	1	1	1.178516
EV3_str	BOBJ1	112.71	Before	Interior Girder 5	67.08	0.95	1	1	1.406029
EV3_str	BOBJ1	112.71	Before	Interior Girder 6	67.08	0.95	1	1	1.438225
EV3_str	BOBJ1	112.71	Before	Right Exterior Girder	67.08	0.95	1	1	1.470776
EV3_str	BOBJ1	112.71	After	Left Exterior Girder	0	0.95	1	1	1.469323
EV3_str	BOBJ1	112.71	After	Interior Girder 1	0	0.95	1	1	1.640001
EV3_str	BOBJ1	112.71	After	Interior Girder 2	0	0.95	1	1	1.523694
EV3_str	BOBJ1	112.71	After	Interior Girder 3	0	0.95	1	1	1.281244
EV3_str	BOBJ1	112.71	After	Interior Girder 4	0	0.95	1	1	1.281244
EV3_str	BOBJ1	112.71	After	Interior Girder 5	0	0.95	1	1	1.523694
EV3_str	BOBJ1	112.71	After	Interior Girder 6	0	0.95	1	1	1.640001
EV3_str	BOBJ1	112.71	After	Right Exterior Girder	0	0.95	1	1	1.469323
EV3_str	BOBJ1	117.21	Before	Left Exterior Girder	4.5	0.95	1	1	2.229664
EV3_str	BOBJ1	117.21	Before	Right Exterior Girder	4.5	0.95	1	1	2.229664
EV3_str	BOBJ1	117.21	After	Left Exterior Girder	4.5	0.95	1	1	1.42415
EV3_str	BOBJ1	117.21	After	Right Exterior Girder	4.5	0.95	1	1	1.42415
EV3_str	BOBJ1	119.1	Before	Left Exterior Girder	6.39	0.95	1	1	1.759935
EV3_str	BOBJ1	119.1	Before	Interior Girder 1	6.39	0.95	1	1	2.425149
EV3_str	BOBJ1	119.1	Before	Interior Girder 2	6.39	0.95	1	1	2.39321
EV3_str	BOBJ1	119.1	Before	Interior Girder 3	6.39	0.95	1	1	2.318288
EV3_str	BOBJ1	119.1	Before	Interior Girder 4	6.39	0.95	1	1	2.318288
EV3_str	BOBJ1	119.1	Before	Interior Girder 5	6.39	0.95	1	1	2.39321
EV3_str	BOBJ1	119.1	Before	Interior Girder 6	6.39	0.95	1	1	2.425149
EV3_str	BOBJ1	119.1	Before	Right Exterior Girder	6.39	0.95	1	1	1.759935
EV3_str	BOBJ1	119.1	After	Left Exterior Girder	6.39	0.95	1	1	1.722336
EV3_str	BOBJ1	119.1	After	Interior Girder 1	6.39	0.95	1	1	2.469215
EV3_str	BOBJ1	119.1	After	Interior Girder 2	6.39	0.95	1	1	2.42749
EV3_str	BOBJ1	119.1	After	Interior Girder 3	6.39	0.95	1	1	2.330283
EV3_str	BOBJ1	119.1	After	Interior Girder 4	6.39	0.95	1	1	2.330283
EV3_str	BOBJ1	119.1	After	Interior Girder 5	6.39	0.95	1	1	2.42749
EV3_str	BOBJ1	119.1	After	Interior Girder 6	6.39	0.95	1	1	2.469215
EV3_str	BOBJ1	119.1	After	Right Exterior Girder	6.39	0.95	1	1	1.722336
EV3_str	BOBJ1	125.49	Before	Left Exterior Girder	12.78	0.95	1	1	2.834577
EV3_str	BOBJ1	125.49	Before	Interior Girder 1	12.78	0.95	1	1	2.634902
EV3_str	BOBJ1	125.49	Before	Interior Girder 2	12.78	0.95	1	1	2.401605
EV3_str	BOBJ1	125.49	Before	Interior Girder 3	12.78	0.95	1	1	2.282475
EV3_str	BOBJ1	125.49	Before	Interior Girder 4	12.78	0.95	1	1	2.282475
EV3_str	BOBJ1	125.49	Before	Interior Girder 5	12.78	0.95	1	1	2.401605
EV3_str	BOBJ1	125.49	Before	Interior Girder 6	12.78	0.95	1	1	2.634902
EV3_str	BOBJ1	125.49	Before	Right Exterior Girder	12.78	0.95	1	1	2.834577
EV3_str	BOBJ1	125.49	After	Left Exterior Girder	12.78	0.95	1	1	2.797225

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelINonCompStrgth-Flx - Approach, Span 16-19									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
EV3_str	BOBJ1	125.49	After	Interior Girder 1	12.78	0.95	1	1	2.642995
EV3_str	BOBJ1	125.49	After	Interior Girder 2	12.78	0.95	1	1	2.423769
EV3_str	BOBJ1	125.49	After	Interior Girder 3	12.78	0.95	1	1	2.350836
EV3_str	BOBJ1	125.49	After	Interior Girder 4	12.78	0.95	1	1	2.350836
EV3_str	BOBJ1	125.49	After	Interior Girder 5	12.78	0.95	1	1	2.423769
EV3_str	BOBJ1	125.49	After	Interior Girder 6	12.78	0.95	1	1	2.642995
EV3_str	BOBJ1	125.49	After	Right Exterior Girder	12.78	0.95	1	1	2.797225
EV3_str	BOBJ1	131.88	Before	Left Exterior Girder	19.17	0.95	1	1	2.147756
EV3_str	BOBJ1	131.88	Before	Interior Girder 1	19.17	0.95	1	1	1.936077
EV3_str	BOBJ1	131.88	Before	Interior Girder 2	19.17	0.95	1	1	1.767494
EV3_str	BOBJ1	131.88	Before	Interior Girder 3	19.17	0.95	1	1	1.70637
EV3_str	BOBJ1	131.88	Before	Interior Girder 4	19.17	0.95	1	1	1.70637
EV3_str	BOBJ1	131.88	Before	Interior Girder 5	19.17	0.95	1	1	1.767494
EV3_str	BOBJ1	131.88	Before	Interior Girder 6	19.17	0.95	1	1	1.936077
EV3_str	BOBJ1	131.88	Before	Right Exterior Girder	19.17	0.95	1	1	2.147756
EV3_str	BOBJ1	131.88	After	Left Exterior Girder	19.17	0.95	1	1	2.16822
EV3_str	BOBJ1	131.88	After	Interior Girder 1	19.17	0.95	1	1	1.923773
EV3_str	BOBJ1	131.88	After	Interior Girder 2	19.17	0.95	1	1	1.762542
EV3_str	BOBJ1	131.88	After	Interior Girder 3	19.17	0.95	1	1	1.715308
EV3_str	BOBJ1	131.88	After	Interior Girder 4	19.17	0.95	1	1	1.715308
EV3_str	BOBJ1	131.88	After	Interior Girder 5	19.17	0.95	1	1	1.762542
EV3_str	BOBJ1	131.88	After	Interior Girder 6	19.17	0.95	1	1	1.923773
EV3_str	BOBJ1	131.88	After	Right Exterior Girder	19.17	0.95	1	1	2.16822
EV3_str	BOBJ1	138.27	Before	Left Exterior Girder	25.56	0.95	1	1	1.9002
EV3_str	BOBJ1	138.27	Before	Interior Girder 1	25.56	0.95	1	1	1.49744
EV3_str	BOBJ1	138.27	Before	Interior Girder 2	25.56	0.95	1	1	1.417287
EV3_str	BOBJ1	138.27	Before	Interior Girder 3	25.56	0.95	1	1	1.35056
EV3_str	BOBJ1	138.27	Before	Interior Girder 4	25.56	0.95	1	1	1.35056
EV3_str	BOBJ1	138.27	Before	Interior Girder 5	25.56	0.95	1	1	1.417287
EV3_str	BOBJ1	138.27	Before	Interior Girder 6	25.56	0.95	1	1	1.49744
EV3_str	BOBJ1	138.27	Before	Right Exterior Girder	25.56	0.95	1	1	1.9002
EV3_str	BOBJ1	138.27	After	Left Exterior Girder	25.56	0.95	1	1	1.923202
EV3_str	BOBJ1	138.27	After	Interior Girder 1	25.56	0.95	1	1	1.485754
EV3_str	BOBJ1	138.27	After	Interior Girder 2	25.56	0.95	1	1	1.409474
EV3_str	BOBJ1	138.27	After	Interior Girder 3	25.56	0.95	1	1	1.350763
EV3_str	BOBJ1	138.27	After	Interior Girder 4	25.56	0.95	1	1	1.350763
EV3_str	BOBJ1	138.27	After	Interior Girder 5	25.56	0.95	1	1	1.409474
EV3_str	BOBJ1	138.27	After	Interior Girder 6	25.56	0.95	1	1	1.485754
EV3_str	BOBJ1	138.27	After	Right Exterior Girder	25.56	0.95	1	1	1.923202
EV3_str	BOBJ1	144.66	Before	Left Exterior Girder	31.95	0.95	1	1	1.964858
EV3_str	BOBJ1	144.66	Before	Interior Girder 1	31.95	0.95	1	1	1.49918
EV3_str	BOBJ1	144.66	Before	Interior Girder 2	31.95	0.95	1	1	1.422326
EV3_str	BOBJ1	144.66	Before	Interior Girder 3	31.95	0.95	1	1	1.363097
EV3_str	BOBJ1	144.66	Before	Interior Girder 4	31.95	0.95	1	1	1.363097
EV3_str	BOBJ1	144.66	Before	Interior Girder 5	31.95	0.95	1	1	1.422326
EV3_str	BOBJ1	144.66	Before	Interior Girder 6	31.95	0.95	1	1	1.49918
EV3_str	BOBJ1	144.66	Before	Right Exterior Girder	31.95	0.95	1	1	1.964858
EV3_str	BOBJ1	144.66	After	Left Exterior Girder	31.95	0.95	1	1	1.93953
EV3_str	BOBJ1	144.66	After	Interior Girder 1	31.95	0.95	1	1	1.513907
EV3_str	BOBJ1	144.66	After	Interior Girder 2	31.95	0.95	1	1	1.42961
EV3_str	BOBJ1	144.66	After	Interior Girder 3	31.95	0.95	1	1	1.360989
EV3_str	BOBJ1	144.66	After	Interior Girder 4	31.95	0.95	1	1	1.360989
EV3_str	BOBJ1	144.66	After	Interior Girder 5	31.95	0.95	1	1	1.42961
EV3_str	BOBJ1	144.66	After	Interior Girder 6	31.95	0.95	1	1	1.513907
EV3_str	BOBJ1	144.66	After	Right Exterior Girder	31.95	0.95	1	1	1.93953
EV3_str	BOBJ1	151.05	Before	Left Exterior Girder	38.34	0.95	1	1	2.313664
EV3_str	BOBJ1	151.05	Before	Interior Girder 1	38.34	0.95	1	1	1.98162
EV3_str	BOBJ1	151.05	Before	Interior Girder 2	38.34	0.95	1	1	1.80969
EV3_str	BOBJ1	151.05	Before	Interior Girder 3	38.34	0.95	1	1	1.756451
EV3_str	BOBJ1	151.05	Before	Interior Girder 4	38.34	0.95	1	1	1.756451
EV3_str	BOBJ1	151.05	Before	Interior Girder 5	38.34	0.95	1	1	1.80969
EV3_str	BOBJ1	151.05	Before	Interior Girder 6	38.34	0.95	1	1	1.98162
EV3_str	BOBJ1	151.05	Before	Right Exterior Girder	38.34	0.95	1	1	2.313664
EV3_str	BOBJ1	151.05	After	Left Exterior Girder	38.34	0.95	1	1	2.286078
EV3_str	BOBJ1	151.05	After	Interior Girder 1	38.34	0.95	1	1	1.998687

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelINonCompStrgth-Flx - Approach, Span 16-19									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
EV3_str	BOBJ1	151.05	After	Interior Girder 2	38.34	0.95	1	1	1.814515
EV3_str	BOBJ1	151.05	After	Interior Girder 3	38.34	0.95	1	1	1.744264
EV3_str	BOBJ1	151.05	After	Interior Girder 4	38.34	0.95	1	1	1.744264
EV3_str	BOBJ1	151.05	After	Interior Girder 5	38.34	0.95	1	1	1.814515
EV3_str	BOBJ1	151.05	After	Interior Girder 6	38.34	0.95	1	1	1.998687
EV3_str	BOBJ1	151.05	After	Right Exterior Girder	38.34	0.95	1	1	2.286078
EV3_str	BOBJ1	157.4367	Before	Left Exterior Girder	44.7267	0.95	1	1	2.816004
EV3_str	BOBJ1	157.4367	Before	Interior Girder 1	44.7267	0.95	1	1	2.790435
EV3_str	BOBJ1	157.4367	Before	Interior Girder 2	44.7267	0.95	1	1	2.545313
EV3_str	BOBJ1	157.4367	Before	Interior Girder 3	44.7267	0.95	1	1	2.448425
EV3_str	BOBJ1	157.4367	Before	Interior Girder 4	44.7267	0.95	1	1	2.448425
EV3_str	BOBJ1	157.4367	Before	Interior Girder 5	44.7267	0.95	1	1	2.545313
EV3_str	BOBJ1	157.4367	Before	Interior Girder 6	44.7267	0.95	1	1	2.790435
EV3_str	BOBJ1	157.4367	Before	Right Exterior Girder	44.7267	0.95	1	1	2.816004
EV3_str	BOBJ1	157.4367	After	Left Exterior Girder	44.7267	0.95	1	1	2.847284
EV3_str	BOBJ1	157.4367	After	Interior Girder 1	44.7267	0.95	1	1	2.790518
EV3_str	BOBJ1	157.4367	After	Interior Girder 2	44.7267	0.95	1	1	2.538591
EV3_str	BOBJ1	157.4367	After	Interior Girder 3	44.7267	0.95	1	1	2.421988
EV3_str	BOBJ1	157.4367	After	Interior Girder 4	44.7267	0.95	1	1	2.421988
EV3_str	BOBJ1	157.4367	After	Interior Girder 5	44.7267	0.95	1	1	2.538591
EV3_str	BOBJ1	157.4367	After	Interior Girder 6	44.7267	0.95	1	1	2.790518
EV3_str	BOBJ1	157.4367	After	Right Exterior Girder	44.7267	0.95	1	1	2.847284
EV3_str	BOBJ1	158.71	Before	Left Exterior Girder	46	0.95	1	1	2.590797
EV3_str	BOBJ1	158.71	Before	Interior Girder 1	46	0.95	1	1	2.775904
EV3_str	BOBJ1	158.71	Before	Interior Girder 2	46	0.95	1	1	2.700446
EV3_str	BOBJ1	158.71	Before	Interior Girder 3	46	0.95	1	1	2.691749
EV3_str	BOBJ1	158.71	Before	Interior Girder 4	46	0.95	1	1	2.691749
EV3_str	BOBJ1	158.71	Before	Interior Girder 5	46	0.95	1	1	2.700446
EV3_str	BOBJ1	158.71	Before	Interior Girder 6	46	0.95	1	1	2.775904
EV3_str	BOBJ1	158.71	Before	Right Exterior Girder	46	0.95	1	1	2.590797
EV3_str	BOBJ1	158.71	After	Left Exterior Girder	46	0.95	1	1	3.584965
EV3_str	BOBJ1	158.71	After	Interior Girder 1	46	0.95	1	1	3.493969
EV3_str	BOBJ1	158.71	After	Interior Girder 2	46	0.95	1	1	3.388442
EV3_str	BOBJ1	158.71	After	Interior Girder 3	46	0.95	1	1	3.212248
EV3_str	BOBJ1	158.71	After	Interior Girder 4	46	0.95	1	1	3.212248
EV3_str	BOBJ1	158.71	After	Interior Girder 5	46	0.95	1	1	3.388442
EV3_str	BOBJ1	158.71	After	Interior Girder 6	46	0.95	1	1	3.493969
EV3_str	BOBJ1	158.71	After	Right Exterior Girder	46	0.95	1	1	3.584965
EV3_str	BOBJ1	163.8233	Before	Left Exterior Girder	51.1133	0.95	1	1	2.533134
EV3_str	BOBJ1	163.8233	Before	Interior Girder 1	51.1133	0.95	1	1	2.694059
EV3_str	BOBJ1	163.8233	Before	Interior Girder 2	51.1133	0.95	1	1	2.582098
EV3_str	BOBJ1	163.8233	Before	Interior Girder 3	51.1133	0.95	1	1	2.44246
EV3_str	BOBJ1	163.8233	Before	Interior Girder 4	51.1133	0.95	1	1	2.44246
EV3_str	BOBJ1	163.8233	Before	Interior Girder 5	51.1133	0.95	1	1	2.582098
EV3_str	BOBJ1	163.8233	Before	Interior Girder 6	51.1133	0.95	1	1	2.694059
EV3_str	BOBJ1	163.8233	Before	Right Exterior Girder	51.1133	0.95	1	1	2.533134
EV3_str	BOBJ1	163.8233	After	Left Exterior Girder	51.1133	0.95	1	1	2.579692
EV3_str	BOBJ1	163.8233	After	Interior Girder 1	51.1133	0.95	1	1	2.628941
EV3_str	BOBJ1	163.8233	After	Interior Girder 2	51.1133	0.95	1	1	2.534859
EV3_str	BOBJ1	163.8233	After	Interior Girder 3	51.1133	0.95	1	1	2.402031
EV3_str	BOBJ1	163.8233	After	Interior Girder 4	51.1133	0.95	1	1	2.402031
EV3_str	BOBJ1	163.8233	After	Interior Girder 5	51.1133	0.95	1	1	2.534859
EV3_str	BOBJ1	163.8233	After	Interior Girder 6	51.1133	0.95	1	1	2.628941
EV3_str	BOBJ1	163.8233	After	Right Exterior Girder	51.1133	0.95	1	1	2.579692
EV3_str	BOBJ1	164.71	Before	Left Exterior Girder	52	0.95	1	1	2.39465
EV3_str	BOBJ1	164.71	Before	Right Exterior Girder	52	0.95	1	1	2.39465
EV3_str	BOBJ1	164.71	After	Left Exterior Girder	52	0.95	1	1	3.771084
EV3_str	BOBJ1	164.71	After	Right Exterior Girder	52	0.95	1	1	3.771084
EV3_str	BOBJ1	170.21	Before	Left Exterior Girder	57.5	0.95	1	1	2.609178
EV3_str	BOBJ1	170.21	Before	Interior Girder 1	57.5	0.95	1	1	1.620316
EV3_str	BOBJ1	170.21	Before	Interior Girder 2	57.5	0.95	1	1	1.526946
EV3_str	BOBJ1	170.21	Before	Interior Girder 3	57.5	0.95	1	1	1.220451
EV3_str	BOBJ1	170.21	Before	Interior Girder 4	57.5	0.95	1	1	1.220451
EV3_str	BOBJ1	170.21	Before	Interior Girder 5	57.5	0.95	1	1	1.526946
EV3_str	BOBJ1	170.21	Before	Interior Girder 6	57.5	0.95	1	1	1.620316

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelINonCompStrgth-Flx - Approach, Span 16-19									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
EV3_str	BOBJ1	170.21	Before	Right Exterior Girder	57.5	0.95	1	1	2.609178
EV3_str	BOBJ1	170.21	After	Left Exterior Girder	0	0.95	1	1	2.655745
EV3_str	BOBJ1	170.21	After	Interior Girder 1	0	0.95	1	1	2.07487
EV3_str	BOBJ1	170.21	After	Interior Girder 2	0	0.95	1	1	1.956231
EV3_str	BOBJ1	170.21	After	Interior Girder 3	0	0.95	1	1	1.622247
EV3_str	BOBJ1	170.21	After	Interior Girder 4	0	0.95	1	1	1.622247
EV3_str	BOBJ1	170.21	After	Interior Girder 5	0	0.95	1	1	1.956231
EV3_str	BOBJ1	170.21	After	Interior Girder 6	0	0.95	1	1	2.07487
EV3_str	BOBJ1	170.21	After	Right Exterior Girder	0	0.95	1	1	2.655745
EV3_str	BOBJ1	176.21	Before	Left Exterior Girder	6	0.95	1	1	4.49883
EV3_str	BOBJ1	176.21	Before	Right Exterior Girder	6	0.95	1	1	4.49883
EV3_str	BOBJ1	176.21	After	Left Exterior Girder	6	0.95	1	1	2.937702
EV3_str	BOBJ1	176.21	After	Right Exterior Girder	6	0.95	1	1	2.937702
EV3_str	BOBJ1	176.6	Before	Left Exterior Girder	6.39	0.95	1	1	3.042211
EV3_str	BOBJ1	176.6	Before	Interior Girder 1	6.39	0.95	1	1	3.67614
EV3_str	BOBJ1	176.6	Before	Interior Girder 2	6.39	0.95	1	1	3.451974
EV3_str	BOBJ1	176.6	Before	Interior Girder 3	6.39	0.95	1	1	3.269063
EV3_str	BOBJ1	176.6	Before	Interior Girder 4	6.39	0.95	1	1	3.269063
EV3_str	BOBJ1	176.6	Before	Interior Girder 5	6.39	0.95	1	1	3.451974
EV3_str	BOBJ1	176.6	Before	Interior Girder 6	6.39	0.95	1	1	3.67614
EV3_str	BOBJ1	176.6	Before	Right Exterior Girder	6.39	0.95	1	1	3.042211
EV3_str	BOBJ1	176.6	After	Left Exterior Girder	6.39	0.95	1	1	2.967091
EV3_str	BOBJ1	176.6	After	Interior Girder 1	6.39	0.95	1	1	3.771775
EV3_str	BOBJ1	176.6	After	Interior Girder 2	6.39	0.95	1	1	3.527082
EV3_str	BOBJ1	176.6	After	Interior Girder 3	6.39	0.95	1	1	3.337096
EV3_str	BOBJ1	176.6	After	Interior Girder 4	6.39	0.95	1	1	3.337096
EV3_str	BOBJ1	176.6	After	Interior Girder 5	6.39	0.95	1	1	3.527082
EV3_str	BOBJ1	176.6	After	Interior Girder 6	6.39	0.95	1	1	3.771775
EV3_str	BOBJ1	176.6	After	Right Exterior Girder	6.39	0.95	1	1	2.967091
EV3_str	BOBJ1	182.99	Before	Left Exterior Girder	12.78	0.95	1	1	4.497415
EV3_str	BOBJ1	182.99	Before	Interior Girder 1	12.78	0.95	1	1	2.932344
EV3_str	BOBJ1	182.99	Before	Interior Girder 2	12.78	0.95	1	1	2.665559
EV3_str	BOBJ1	182.99	Before	Interior Girder 3	12.78	0.95	1	1	2.550418
EV3_str	BOBJ1	182.99	Before	Interior Girder 4	12.78	0.95	1	1	2.550418
EV3_str	BOBJ1	182.99	Before	Interior Girder 5	12.78	0.95	1	1	2.665559
EV3_str	BOBJ1	182.99	Before	Interior Girder 6	12.78	0.95	1	1	2.932344
EV3_str	BOBJ1	182.99	Before	Right Exterior Girder	12.78	0.95	1	1	4.497415
EV3_str	BOBJ1	182.99	After	Left Exterior Girder	12.78	0.95	1	1	4.447459
EV3_str	BOBJ1	182.99	After	Interior Girder 1	12.78	0.95	1	1	2.93478
EV3_str	BOBJ1	182.99	After	Interior Girder 2	12.78	0.95	1	1	2.689615
EV3_str	BOBJ1	182.99	After	Interior Girder 3	12.78	0.95	1	1	2.637277
EV3_str	BOBJ1	182.99	After	Interior Girder 4	12.78	0.95	1	1	2.637277
EV3_str	BOBJ1	182.99	After	Interior Girder 5	12.78	0.95	1	1	2.689615
EV3_str	BOBJ1	182.99	After	Interior Girder 6	12.78	0.95	1	1	2.93478
EV3_str	BOBJ1	182.99	After	Right Exterior Girder	12.78	0.95	1	1	4.447459
EV3_str	BOBJ1	189.38	Before	Left Exterior Girder	19.17	0.95	1	1	2.301679
EV3_str	BOBJ1	189.38	Before	Interior Girder 1	19.17	0.95	1	1	1.942374
EV3_str	BOBJ1	189.38	Before	Interior Girder 2	19.17	0.95	1	1	1.784227
EV3_str	BOBJ1	189.38	Before	Interior Girder 3	19.17	0.95	1	1	1.739934
EV3_str	BOBJ1	189.38	Before	Interior Girder 4	19.17	0.95	1	1	1.739934
EV3_str	BOBJ1	189.38	Before	Interior Girder 5	19.17	0.95	1	1	1.784227
EV3_str	BOBJ1	189.38	Before	Interior Girder 6	19.17	0.95	1	1	1.942374
EV3_str	BOBJ1	189.38	Before	Right Exterior Girder	19.17	0.95	1	1	2.301679
EV3_str	BOBJ1	189.38	After	Left Exterior Girder	19.17	0.95	1	1	2.338793
EV3_str	BOBJ1	189.38	After	Interior Girder 1	19.17	0.95	1	1	1.921844
EV3_str	BOBJ1	189.38	After	Interior Girder 2	19.17	0.95	1	1	1.778692
EV3_str	BOBJ1	189.38	After	Interior Girder 3	19.17	0.95	1	1	1.750199
EV3_str	BOBJ1	189.38	After	Interior Girder 4	19.17	0.95	1	1	1.750199
EV3_str	BOBJ1	189.38	After	Interior Girder 5	19.17	0.95	1	1	1.778692
EV3_str	BOBJ1	189.38	After	Interior Girder 6	19.17	0.95	1	1	1.921844
EV3_str	BOBJ1	189.38	After	Right Exterior Girder	19.17	0.95	1	1	2.338793
EV3_str	BOBJ1	195.77	Before	Left Exterior Girder	25.56	0.95	1	1	1.746835
EV3_str	BOBJ1	195.77	Before	Interior Girder 1	25.56	0.95	1	1	1.338775
EV3_str	BOBJ1	195.77	Before	Interior Girder 2	25.56	0.95	1	1	1.285345
EV3_str	BOBJ1	195.77	Before	Interior Girder 3	25.56	0.95	1	1	1.247101

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelINonCompStrgth-Flx - Approach, Span 16-19									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
EV3_str	BOBJ1	195.77	Before	Interior Girder 4	25.56	0.95	1	1	1.247101
EV3_str	BOBJ1	195.77	Before	Interior Girder 5	25.56	0.95	1	1	1.285345
EV3_str	BOBJ1	195.77	Before	Interior Girder 6	25.56	0.95	1	1	1.338775
EV3_str	BOBJ1	195.77	Before	Right Exterior Girder	25.56	0.95	1	1	1.746835
EV3_str	BOBJ1	195.77	After	Left Exterior Girder	25.56	0.95	1	1	1.775696
EV3_str	BOBJ1	195.77	After	Interior Girder 1	25.56	0.95	1	1	1.321212
EV3_str	BOBJ1	195.77	After	Interior Girder 2	25.56	0.95	1	1	1.278629
EV3_str	BOBJ1	195.77	After	Interior Girder 3	25.56	0.95	1	1	1.249847
EV3_str	BOBJ1	195.77	After	Interior Girder 4	25.56	0.95	1	1	1.249847
EV3_str	BOBJ1	195.77	After	Interior Girder 5	25.56	0.95	1	1	1.278629
EV3_str	BOBJ1	195.77	After	Interior Girder 6	25.56	0.95	1	1	1.321212
EV3_str	BOBJ1	195.77	After	Right Exterior Girder	25.56	0.95	1	1	1.775696
EV3_str	BOBJ1	202.16	Before	Left Exterior Girder	31.95	0.95	1	1	1.528466
EV3_str	BOBJ1	202.16	Before	Interior Girder 1	31.95	0.95	1	1	1.171512
EV3_str	BOBJ1	202.16	Before	Interior Girder 2	31.95	0.95	1	1	1.140553
EV3_str	BOBJ1	202.16	Before	Interior Girder 3	31.95	0.95	1	1	1.113234
EV3_str	BOBJ1	202.16	Before	Interior Girder 4	31.95	0.95	1	1	1.113234
EV3_str	BOBJ1	202.16	Before	Interior Girder 5	31.95	0.95	1	1	1.140553
EV3_str	BOBJ1	202.16	Before	Interior Girder 6	31.95	0.95	1	1	1.171512
EV3_str	BOBJ1	202.16	Before	Right Exterior Girder	31.95	0.95	1	1	1.528466
EV3_str	BOBJ1	202.16	After	Left Exterior Girder	31.95	0.95	1	1	1.516592
EV3_str	BOBJ1	202.16	After	Interior Girder 1	31.95	0.95	1	1	1.17634
EV3_str	BOBJ1	202.16	After	Interior Girder 2	31.95	0.95	1	1	1.14841
EV3_str	BOBJ1	202.16	After	Interior Girder 3	31.95	0.95	1	1	1.118359
EV3_str	BOBJ1	202.16	After	Interior Girder 4	31.95	0.95	1	1	1.118359
EV3_str	BOBJ1	202.16	After	Interior Girder 5	31.95	0.95	1	1	1.14841
EV3_str	BOBJ1	202.16	After	Interior Girder 6	31.95	0.95	1	1	1.17634
EV3_str	BOBJ1	202.16	After	Right Exterior Girder	31.95	0.95	1	1	1.516592
EV3_str	BOBJ1	208.55	Before	Left Exterior Girder	38.34	0.95	1	1	1.491591
EV3_str	BOBJ1	208.55	Before	Interior Girder 1	38.34	0.95	1	1	1.27956
EV3_str	BOBJ1	208.55	Before	Interior Girder 2	38.34	0.95	1	1	1.234193
EV3_str	BOBJ1	208.55	Before	Interior Girder 3	38.34	0.95	1	1	1.221255
EV3_str	BOBJ1	208.55	Before	Interior Girder 4	38.34	0.95	1	1	1.221255
EV3_str	BOBJ1	208.55	Before	Interior Girder 5	38.34	0.95	1	1	1.234193
EV3_str	BOBJ1	208.55	Before	Interior Girder 6	38.34	0.95	1	1	1.27956
EV3_str	BOBJ1	208.55	Before	Right Exterior Girder	38.34	0.95	1	1	1.491591
EV3_str	BOBJ1	208.55	After	Left Exterior Girder	38.34	0.95	1	1	1.47651
EV3_str	BOBJ1	208.55	After	Interior Girder 1	38.34	0.95	1	1	1.287726
EV3_str	BOBJ1	208.55	After	Interior Girder 2	38.34	0.95	1	1	1.234936
EV3_str	BOBJ1	208.55	After	Interior Girder 3	38.34	0.95	1	1	1.219944
EV3_str	BOBJ1	208.55	After	Interior Girder 4	38.34	0.95	1	1	1.219944
EV3_str	BOBJ1	208.55	After	Interior Girder 5	38.34	0.95	1	1	1.234936
EV3_str	BOBJ1	208.55	After	Interior Girder 6	38.34	0.95	1	1	1.287726
EV3_str	BOBJ1	208.55	After	Right Exterior Girder	38.34	0.95	1	1	1.47651
EV3_str	BOBJ1	215.1233	Before	Left Exterior Girder	44.9133	0.95	1	1	2.045382
EV3_str	BOBJ1	215.1233	Before	Interior Girder 1	44.9133	0.95	1	1	1.489391
EV3_str	BOBJ1	215.1233	Before	Interior Girder 2	44.9133	0.95	1	1	1.435296
EV3_str	BOBJ1	215.1233	Before	Interior Girder 3	44.9133	0.95	1	1	1.377593
EV3_str	BOBJ1	215.1233	Before	Interior Girder 4	44.9133	0.95	1	1	1.377593
EV3_str	BOBJ1	215.1233	Before	Interior Girder 5	44.9133	0.95	1	1	1.435296
EV3_str	BOBJ1	215.1233	Before	Interior Girder 6	44.9133	0.95	1	1	1.489391
EV3_str	BOBJ1	215.1233	Before	Right Exterior Girder	44.9133	0.95	1	1	2.045382
EV3_str	BOBJ1	215.1233	After	Left Exterior Girder	44.9133	0.95	1	1	2.033998
EV3_str	BOBJ1	215.1233	After	Interior Girder 1	44.9133	0.95	1	1	1.493247
EV3_str	BOBJ1	215.1233	After	Interior Girder 2	44.9133	0.95	1	1	1.415865
EV3_str	BOBJ1	215.1233	After	Interior Girder 3	44.9133	0.95	1	1	1.351638
EV3_str	BOBJ1	215.1233	After	Interior Girder 4	44.9133	0.95	1	1	1.351638
EV3_str	BOBJ1	215.1233	After	Interior Girder 5	44.9133	0.95	1	1	1.415865
EV3_str	BOBJ1	215.1233	After	Interior Girder 6	44.9133	0.95	1	1	1.493247
EV3_str	BOBJ1	215.1233	After	Right Exterior Girder	44.9133	0.95	1	1	2.033998
EV3_str	BOBJ1	221.6967	Before	Left Exterior Girder	51.4867	0.95	1	1	4.158247
EV3_str	BOBJ1	221.6967	Before	Interior Girder 1	51.4867	0.95	1	1	2.457382
EV3_str	BOBJ1	221.6967	Before	Interior Girder 2	51.4867	0.95	1	1	2.346677
EV3_str	BOBJ1	221.6967	Before	Interior Girder 3	51.4867	0.95	1	1	2.090866
EV3_str	BOBJ1	221.6967	Before	Interior Girder 4	51.4867	0.95	1	1	2.090866

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelINonCompStrgth-Flx - Approach, Span 16-19									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
EV3_str	BOBJ1	221.6967	Before	Interior Girder 5	51.4867	0.95	1	1	2.346677
EV3_str	BOBJ1	221.6967	Before	Interior Girder 6	51.4867	0.95	1	1	2.457382
EV3_str	BOBJ1	221.6967	Before	Right Exterior Girder	51.4867	0.95	1	1	4.158247
EV3_str	BOBJ1	221.6967	After	Left Exterior Girder	51.4867	0.95	1	1	4.143031
EV3_str	BOBJ1	221.6967	After	Interior Girder 1	51.4867	0.95	1	1	2.466393
EV3_str	BOBJ1	221.6967	After	Interior Girder 2	51.4867	0.95	1	1	2.313877
EV3_str	BOBJ1	221.6967	After	Interior Girder 3	51.4867	0.95	1	1	2.016236
EV3_str	BOBJ1	221.6967	After	Interior Girder 4	51.4867	0.95	1	1	2.016236
EV3_str	BOBJ1	221.6967	After	Interior Girder 5	51.4867	0.95	1	1	2.313877
EV3_str	BOBJ1	221.6967	After	Interior Girder 6	51.4867	0.95	1	1	2.466393
EV3_str	BOBJ1	221.6967	After	Right Exterior Girder	51.4867	0.95	1	1	4.143031
EV3_str	BOBJ1	228.27	Before	Left Exterior Girder	58.06	0.95	1	1	296.444564
EV3_str	BOBJ1	228.27	Before	Interior Girder 1	58.06	0.95	1	1	225.568901
EV3_str	BOBJ1	228.27	Before	Interior Girder 2	58.06	0.95	1	1	148.011191
EV3_str	BOBJ1	228.27	Before	Interior Girder 3	58.06	0.95	1	1	110.322701
EV3_str	BOBJ1	228.27	Before	Interior Girder 4	58.06	0.95	1	1	110.322701
EV3_str	BOBJ1	228.27	Before	Interior Girder 5	58.06	0.95	1	1	148.011191
EV3_str	BOBJ1	228.27	Before	Interior Girder 6	58.06	0.95	1	1	225.568901
EV3_str	BOBJ1	228.27	Before	Right Exterior Girder	58.06	0.95	1	1	296.444564
EV3-Neg_str	BOBJ1	0	After	Left Exterior Girder	0	0.95	1	1	624.741557
EV3-Neg_str	BOBJ1	0	After	Interior Girder 1	0	0.95	1	1	301.14669
EV3-Neg_str	BOBJ1	0	After	Interior Girder 2	0	0.95	1	1	193.484792
EV3-Neg_str	BOBJ1	0	After	Interior Girder 3	0	0.95	1	1	157.21208
EV3-Neg_str	BOBJ1	0	After	Interior Girder 4	0	0.95	1	1	157.212081
EV3-Neg_str	BOBJ1	0	After	Interior Girder 5	0	0.95	1	1	193.484794
EV3-Neg_str	BOBJ1	0	After	Interior Girder 6	0	0.95	1	1	301.14669
EV3-Neg_str	BOBJ1	0	After	Right Exterior Girder	0	0.95	1	1	624.741557
EV3-Neg_str	BOBJ1	5.3833	Before	Left Exterior Girder	5.3833	0.95	1	1	25.211822
EV3-Neg_str	BOBJ1	5.3833	Before	Interior Girder 1	5.3833	0.95	1	1	26.35092
EV3-Neg_str	BOBJ1	5.3833	Before	Interior Girder 2	5.3833	0.95	1	1	27.928135
EV3-Neg_str	BOBJ1	5.3833	Before	Interior Girder 3	5.3833	0.95	1	1	28.070634
EV3-Neg_str	BOBJ1	5.3833	Before	Interior Girder 4	5.3833	0.95	1	1	28.070634
EV3-Neg_str	BOBJ1	5.3833	Before	Interior Girder 5	5.3833	0.95	1	1	27.928135
EV3-Neg_str	BOBJ1	5.3833	Before	Interior Girder 6	5.3833	0.95	1	1	26.35092
EV3-Neg_str	BOBJ1	5.3833	Before	Right Exterior Girder	5.3833	0.95	1	1	25.211822
EV3-Neg_str	BOBJ1	5.3833	After	Left Exterior Girder	5.3833	0.95	1	1	25.930073
EV3-Neg_str	BOBJ1	5.3833	After	Interior Girder 1	5.3833	0.95	1	1	25.467841
EV3-Neg_str	BOBJ1	5.3833	After	Interior Girder 2	5.3833	0.95	1	1	28.637174
EV3-Neg_str	BOBJ1	5.3833	After	Interior Girder 3	5.3833	0.95	1	1	28.78752
EV3-Neg_str	BOBJ1	5.3833	After	Interior Girder 4	5.3833	0.95	1	1	28.78752
EV3-Neg_str	BOBJ1	5.3833	After	Interior Girder 5	5.3833	0.95	1	1	28.637174
EV3-Neg_str	BOBJ1	5.3833	After	Interior Girder 6	5.3833	0.95	1	1	25.467841
EV3-Neg_str	BOBJ1	5.3833	After	Right Exterior Girder	5.3833	0.95	1	1	25.930073
EV3-Neg_str	BOBJ1	10.7667	Before	Left Exterior Girder	10.7667	0.95	1	1	13.487152
EV3-Neg_str	BOBJ1	10.7667	Before	Interior Girder 1	10.7667	0.95	1	1	13.671897
EV3-Neg_str	BOBJ1	10.7667	Before	Interior Girder 2	10.7667	0.95	1	1	14.620057
EV3-Neg_str	BOBJ1	10.7667	Before	Interior Girder 3	10.7667	0.95	1	1	14.819048
EV3-Neg_str	BOBJ1	10.7667	Before	Interior Girder 4	10.7667	0.95	1	1	14.819048
EV3-Neg_str	BOBJ1	10.7667	Before	Interior Girder 5	10.7667	0.95	1	1	14.620057
EV3-Neg_str	BOBJ1	10.7667	Before	Interior Girder 6	10.7667	0.95	1	1	13.671897
EV3-Neg_str	BOBJ1	10.7667	Before	Right Exterior Girder	10.7667	0.95	1	1	13.487152
EV3-Neg_str	BOBJ1	10.7667	After	Left Exterior Girder	10.7667	0.95	1	1	13.723321
EV3-Neg_str	BOBJ1	10.7667	After	Interior Girder 1	10.7667	0.95	1	1	13.375342
EV3-Neg_str	BOBJ1	10.7667	After	Interior Girder 2	10.7667	0.95	1	1	14.844799
EV3-Neg_str	BOBJ1	10.7667	After	Interior Girder 3	10.7667	0.95	1	1	15.105118
EV3-Neg_str	BOBJ1	10.7667	After	Interior Girder 4	10.7667	0.95	1	1	15.105118
EV3-Neg_str	BOBJ1	10.7667	After	Interior Girder 5	10.7667	0.95	1	1	14.844799
EV3-Neg_str	BOBJ1	10.7667	After	Interior Girder 6	10.7667	0.95	1	1	13.375342
EV3-Neg_str	BOBJ1	10.7667	After	Right Exterior Girder	10.7667	0.95	1	1	13.723321
EV3-Neg_str	BOBJ1	16.15	Before	Left Exterior Girder	16.15	0.95	1	1	9.181522
EV3-Neg_str	BOBJ1	16.15	Before	Interior Girder 1	16.15	0.95	1	1	9.219196
EV3-Neg_str	BOBJ1	16.15	Before	Interior Girder 2	16.15	0.95	1	1	9.840204
EV3-Neg_str	BOBJ1	16.15	Before	Interior Girder 3	16.15	0.95	1	1	10.069808
EV3-Neg_str	BOBJ1	16.15	Before	Interior Girder 4	16.15	0.95	1	1	10.069808
EV3-Neg_str	BOBJ1	16.15	Before	Interior Girder 5	16.15	0.95	1	1	9.840204

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelINonCompStrgth-Flx - Approach, Span 16-19									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
EV3-Neg_str	BOBJ1	16.15	Before	Interior Girder 6	16.15	0.95	1	1	9.219196
EV3-Neg_str	BOBJ1	16.15	Before	Right Exterior Girder	16.15	0.95	1	1	9.181522
EV3-Neg_str	BOBJ1	16.15	After	Left Exterior Girder	16.15	0.95	1	1	9.357656
EV3-Neg_str	BOBJ1	16.15	After	Interior Girder 1	16.15	0.95	1	1	9.064559
EV3-Neg_str	BOBJ1	16.15	After	Interior Girder 2	16.15	0.95	1	1	9.904069
EV3-Neg_str	BOBJ1	16.15	After	Interior Girder 3	16.15	0.95	1	1	10.171139
EV3-Neg_str	BOBJ1	16.15	After	Interior Girder 4	16.15	0.95	1	1	10.171139
EV3-Neg_str	BOBJ1	16.15	After	Interior Girder 5	16.15	0.95	1	1	9.904069
EV3-Neg_str	BOBJ1	16.15	After	Interior Girder 6	16.15	0.95	1	1	9.064559
EV3-Neg_str	BOBJ1	16.15	After	Right Exterior Girder	16.15	0.95	1	1	9.357656
EV3-Neg_str	BOBJ1	22.1267	Before	Left Exterior Girder	22.1267	0.95	1	1	6.68729
EV3-Neg_str	BOBJ1	22.1267	Before	Interior Girder 1	22.1267	0.95	1	1	6.55348
EV3-Neg_str	BOBJ1	22.1267	Before	Interior Girder 2	22.1267	0.95	1	1	6.777327
EV3-Neg_str	BOBJ1	22.1267	Before	Interior Girder 3	22.1267	0.95	1	1	6.989633
EV3-Neg_str	BOBJ1	22.1267	Before	Interior Girder 4	22.1267	0.95	1	1	6.989633
EV3-Neg_str	BOBJ1	22.1267	Before	Interior Girder 5	22.1267	0.95	1	1	6.777327
EV3-Neg_str	BOBJ1	22.1267	Before	Interior Girder 6	22.1267	0.95	1	1	6.55348
EV3-Neg_str	BOBJ1	22.1267	Before	Right Exterior Girder	22.1267	0.95	1	1	6.68729
EV3-Neg_str	BOBJ1	22.1267	After	Left Exterior Girder	22.1267	0.95	1	1	6.829817
EV3-Neg_str	BOBJ1	22.1267	After	Interior Girder 1	22.1267	0.95	1	1	6.449791
EV3-Neg_str	BOBJ1	22.1267	After	Interior Girder 2	22.1267	0.95	1	1	6.793838
EV3-Neg_str	BOBJ1	22.1267	After	Interior Girder 3	22.1267	0.95	1	1	7.018465
EV3-Neg_str	BOBJ1	22.1267	After	Interior Girder 4	22.1267	0.95	1	1	7.018465
EV3-Neg_str	BOBJ1	22.1267	After	Interior Girder 5	22.1267	0.95	1	1	6.793838
EV3-Neg_str	BOBJ1	22.1267	After	Interior Girder 6	22.1267	0.95	1	1	6.449791
EV3-Neg_str	BOBJ1	22.1267	After	Right Exterior Girder	22.1267	0.95	1	1	6.829817
EV3-Neg_str	BOBJ1	28.1033	Before	Left Exterior Girder	28.1033	0.95	1	1	4.885179
EV3-Neg_str	BOBJ1	28.1033	Before	Interior Girder 1	28.1033	0.95	1	1	4.816368
EV3-Neg_str	BOBJ1	28.1033	Before	Interior Girder 2	28.1033	0.95	1	1	4.889323
EV3-Neg_str	BOBJ1	28.1033	Before	Interior Girder 3	28.1033	0.95	1	1	5.056159
EV3-Neg_str	BOBJ1	28.1033	Before	Interior Girder 4	28.1033	0.95	1	1	5.056159
EV3-Neg_str	BOBJ1	28.1033	Before	Interior Girder 5	28.1033	0.95	1	1	4.889323
EV3-Neg_str	BOBJ1	28.1033	Before	Interior Girder 6	28.1033	0.95	1	1	4.816368
EV3-Neg_str	BOBJ1	28.1033	Before	Right Exterior Girder	28.1033	0.95	1	1	4.885179
EV3-Neg_str	BOBJ1	28.1033	After	Left Exterior Girder	28.1033	0.95	1	1	4.971857
EV3-Neg_str	BOBJ1	28.1033	After	Interior Girder 1	28.1033	0.95	1	1	4.743007
EV3-Neg_str	BOBJ1	28.1033	After	Interior Girder 2	28.1033	0.95	1	1	4.879213
EV3-Neg_str	BOBJ1	28.1033	After	Interior Girder 3	28.1033	0.95	1	1	5.082736
EV3-Neg_str	BOBJ1	28.1033	After	Interior Girder 4	28.1033	0.95	1	1	5.082736
EV3-Neg_str	BOBJ1	28.1033	After	Interior Girder 5	28.1033	0.95	1	1	4.879213
EV3-Neg_str	BOBJ1	28.1033	After	Interior Girder 6	28.1033	0.95	1	1	4.743007
EV3-Neg_str	BOBJ1	28.1033	After	Right Exterior Girder	28.1033	0.95	1	1	4.971857
EV3-Neg_str	BOBJ1	34.08	Before	Left Exterior Girder	34.08	0.95	1	1	3.462812
EV3-Neg_str	BOBJ1	34.08	Before	Interior Girder 1	34.08	0.95	1	1	3.537876
EV3-Neg_str	BOBJ1	34.08	Before	Interior Girder 2	34.08	0.95	1	1	3.540912
EV3-Neg_str	BOBJ1	34.08	Before	Interior Girder 3	34.08	0.95	1	1	3.673932
EV3-Neg_str	BOBJ1	34.08	Before	Interior Girder 4	34.08	0.95	1	1	3.673932
EV3-Neg_str	BOBJ1	34.08	Before	Interior Girder 5	34.08	0.95	1	1	3.540912
EV3-Neg_str	BOBJ1	34.08	Before	Interior Girder 6	34.08	0.95	1	1	3.537876
EV3-Neg_str	BOBJ1	34.08	Before	Right Exterior Girder	34.08	0.95	1	1	3.462812
EV3-Neg_str	BOBJ1	34.08	After	Left Exterior Girder	34.08	0.95	1	1	3.289315
EV3-Neg_str	BOBJ1	34.08	After	Interior Girder 1	34.08	0.95	1	1	3.496483
EV3-Neg_str	BOBJ1	34.08	After	Interior Girder 2	34.08	0.95	1	1	3.511292
EV3-Neg_str	BOBJ1	34.08	After	Interior Girder 3	34.08	0.95	1	1	3.675377
EV3-Neg_str	BOBJ1	34.08	After	Interior Girder 4	34.08	0.95	1	1	3.675377
EV3-Neg_str	BOBJ1	34.08	After	Interior Girder 5	34.08	0.95	1	1	3.511292
EV3-Neg_str	BOBJ1	34.08	After	Interior Girder 6	34.08	0.95	1	1	3.496483
EV3-Neg_str	BOBJ1	34.08	After	Right Exterior Girder	34.08	0.95	1	1	3.289315
EV3-Neg_str	BOBJ1	39.855	Before	Left Exterior Girder	39.855	0.95	1	1	1.961634
EV3-Neg_str	BOBJ1	39.855	Before	Interior Girder 1	39.855	0.95	1	1	2.353251
EV3-Neg_str	BOBJ1	39.855	Before	Interior Girder 2	39.855	0.95	1	1	2.270724
EV3-Neg_str	BOBJ1	39.855	Before	Interior Girder 3	39.855	0.95	1	1	2.112147
EV3-Neg_str	BOBJ1	39.855	Before	Interior Girder 4	39.855	0.95	1	1	2.112147
EV3-Neg_str	BOBJ1	39.855	Before	Interior Girder 5	39.855	0.95	1	1	2.270724
EV3-Neg_str	BOBJ1	39.855	Before	Interior Girder 6	39.855	0.95	1	1	2.353251

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelINonCompStrgth-Flx - Approach, Span 16-19									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
EV3-Neg_str	BOBJ1	39.855	Before	Right Exterior Girder	39.855	0.95	1	1	1.961634
EV3-Neg_str	BOBJ1	39.855	After	Left Exterior Girder	39.855	0.95	1	1	2.014853
EV3-Neg_str	BOBJ1	39.855	After	Interior Girder 1	39.855	0.95	1	1	2.334047
EV3-Neg_str	BOBJ1	39.855	After	Interior Girder 2	39.855	0.95	1	1	2.289838
EV3-Neg_str	BOBJ1	39.855	After	Interior Girder 3	39.855	0.95	1	1	2.156691
EV3-Neg_str	BOBJ1	39.855	After	Interior Girder 4	39.855	0.95	1	1	2.156691
EV3-Neg_str	BOBJ1	39.855	After	Interior Girder 5	39.855	0.95	1	1	2.289838
EV3-Neg_str	BOBJ1	39.855	After	Interior Girder 6	39.855	0.95	1	1	2.334047
EV3-Neg_str	BOBJ1	39.855	After	Right Exterior Girder	39.855	0.95	1	1	2.014853
EV3-Neg_str	BOBJ1	40.0288	Before	Left Exterior Girder	40.0288	0.95	1	1	1.948066
EV3-Neg_str	BOBJ1	40.0288	Before	Right Exterior Girder	40.0288	0.95	1	1	1.948066
EV3-Neg_str	BOBJ1	40.0288	After	Left Exterior Girder	40.0288	0.95	1	1	2.903006
EV3-Neg_str	BOBJ1	40.0288	After	Right Exterior Girder	40.0288	0.95	1	1	2.903006
EV3-Neg_str	BOBJ1	45.63	Before	Left Exterior Girder	45.63	0.95	1	1	1.325714
EV3-Neg_str	BOBJ1	45.63	Before	Interior Girder 1	45.63	0.95	1	1	1.086374
EV3-Neg_str	BOBJ1	45.63	Before	Interior Girder 2	45.63	0.95	1	1	1.07038
EV3-Neg_str	BOBJ1	45.63	Before	Interior Girder 3	45.63	0.95	1	1	0.8789
EV3-Neg_str	BOBJ1	45.63	Before	Interior Girder 4	45.63	0.95	1	1	0.8789
EV3-Neg_str	BOBJ1	45.63	Before	Interior Girder 5	45.63	0.95	1	1	1.07038
EV3-Neg_str	BOBJ1	45.63	Before	Interior Girder 6	45.63	0.95	1	1	1.086374
EV3-Neg_str	BOBJ1	45.63	Before	Right Exterior Girder	45.63	0.95	1	1	1.325714
EV3-Neg_str	BOBJ1	45.63	After	Left Exterior Girder	0	0.95	1	1	1.284161
EV3-Neg_str	BOBJ1	45.63	After	Interior Girder 1	0	0.95	1	1	1.089703
EV3-Neg_str	BOBJ1	45.63	After	Interior Girder 2	0	0.95	1	1	1.068868
EV3-Neg_str	BOBJ1	45.63	After	Interior Girder 3	0	0.95	1	1	0.87425
EV3-Neg_str	BOBJ1	45.63	After	Interior Girder 4	0	0.95	1	1	0.87425
EV3-Neg_str	BOBJ1	45.63	After	Interior Girder 5	0	0.95	1	1	1.068868
EV3-Neg_str	BOBJ1	45.63	After	Interior Girder 6	0	0.95	1	1	1.089703
EV3-Neg_str	BOBJ1	45.63	After	Right Exterior Girder	0	0.95	1	1	1.284161
EV3-Neg_str	BOBJ1	50.6298	Before	Left Exterior Girder	4.9998	0.95	1	1	2.894097
EV3-Neg_str	BOBJ1	50.6298	Before	Right Exterior Girder	4.9998	0.95	1	1	2.894097
EV3-Neg_str	BOBJ1	50.6298	After	Left Exterior Girder	4.9998	0.95	1	1	1.872626
EV3-Neg_str	BOBJ1	50.6298	After	Right Exterior Girder	4.9998	0.95	1	1	1.872626
EV3-Neg_str	BOBJ1	51.4	Before	Left Exterior Girder	5.77	0.95	1	1	2.303188
EV3-Neg_str	BOBJ1	51.4	Before	Interior Girder 1	5.77	0.95	1	1	2.395829
EV3-Neg_str	BOBJ1	51.4	Before	Interior Girder 2	5.77	0.95	1	1	2.313013
EV3-Neg_str	BOBJ1	51.4	Before	Interior Girder 3	5.77	0.95	1	1	2.119687
EV3-Neg_str	BOBJ1	51.4	Before	Interior Girder 4	5.77	0.95	1	1	2.119687
EV3-Neg_str	BOBJ1	51.4	Before	Interior Girder 5	5.77	0.95	1	1	2.313013
EV3-Neg_str	BOBJ1	51.4	Before	Interior Girder 6	5.77	0.95	1	1	2.395829
EV3-Neg_str	BOBJ1	51.4	Before	Right Exterior Girder	5.77	0.95	1	1	2.303188
EV3-Neg_str	BOBJ1	51.4	After	Left Exterior Girder	5.77	0.95	1	1	2.219923
EV3-Neg_str	BOBJ1	51.4	After	Interior Girder 1	5.77	0.95	1	1	2.456893
EV3-Neg_str	BOBJ1	51.4	After	Interior Girder 2	5.77	0.95	1	1	2.311006
EV3-Neg_str	BOBJ1	51.4	After	Interior Girder 3	5.77	0.95	1	1	2.092657
EV3-Neg_str	BOBJ1	51.4	After	Interior Girder 4	5.77	0.95	1	1	2.092657
EV3-Neg_str	BOBJ1	51.4	After	Interior Girder 5	5.77	0.95	1	1	2.311006
EV3-Neg_str	BOBJ1	51.4	After	Interior Girder 6	5.77	0.95	1	1	2.456893
EV3-Neg_str	BOBJ1	51.4	After	Right Exterior Girder	5.77	0.95	1	1	2.219923
EV3-Neg_str	BOBJ1	57.17	Before	Left Exterior Girder	11.54	0.95	1	1	6.147559
EV3-Neg_str	BOBJ1	57.17	Before	Interior Girder 1	11.54	0.95	1	1	5.587002
EV3-Neg_str	BOBJ1	57.17	Before	Interior Girder 2	11.54	0.95	1	1	5.113357
EV3-Neg_str	BOBJ1	57.17	Before	Interior Girder 3	11.54	0.95	1	1	5.324155
EV3-Neg_str	BOBJ1	57.17	Before	Interior Girder 4	11.54	0.95	1	1	5.324155
EV3-Neg_str	BOBJ1	57.17	Before	Interior Girder 5	11.54	0.95	1	1	5.113357
EV3-Neg_str	BOBJ1	57.17	Before	Interior Girder 6	11.54	0.95	1	1	5.587002
EV3-Neg_str	BOBJ1	57.17	Before	Right Exterior Girder	11.54	0.95	1	1	6.147559
EV3-Neg_str	BOBJ1	57.17	After	Left Exterior Girder	11.54	0.95	1	1	6.290178
EV3-Neg_str	BOBJ1	57.17	After	Interior Girder 1	11.54	0.95	1	1	5.667769
EV3-Neg_str	BOBJ1	57.17	After	Interior Girder 2	11.54	0.95	1	1	5.10826
EV3-Neg_str	BOBJ1	57.17	After	Interior Girder 3	11.54	0.95	1	1	5.204913
EV3-Neg_str	BOBJ1	57.17	After	Interior Girder 4	11.54	0.95	1	1	5.204913
EV3-Neg_str	BOBJ1	57.17	After	Interior Girder 5	11.54	0.95	1	1	5.10826
EV3-Neg_str	BOBJ1	57.17	After	Interior Girder 6	11.54	0.95	1	1	5.667769
EV3-Neg_str	BOBJ1	57.17	After	Right Exterior Girder	11.54	0.95	1	1	6.290178

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelINonCompStrgth-Flx - Approach, Span 16-19									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
EV3-Neg_str	BOBJ1	63.34	Before	Left Exterior Girder	17.71	0.95	1	1	9.406133
EV3-Neg_str	BOBJ1	63.34	Before	Interior Girder 1	17.71	0.95	1	1	8.677689
EV3-Neg_str	BOBJ1	63.34	Before	Interior Girder 2	17.71	0.95	1	1	8.416307
EV3-Neg_str	BOBJ1	63.34	Before	Interior Girder 3	17.71	0.95	1	1	8.963197
EV3-Neg_str	BOBJ1	63.34	Before	Interior Girder 4	17.71	0.95	1	1	8.963197
EV3-Neg_str	BOBJ1	63.34	Before	Interior Girder 5	17.71	0.95	1	1	8.416307
EV3-Neg_str	BOBJ1	63.34	Before	Interior Girder 6	17.71	0.95	1	1	8.677689
EV3-Neg_str	BOBJ1	63.34	Before	Right Exterior Girder	17.71	0.95	1	1	9.406133
EV3-Neg_str	BOBJ1	63.34	After	Left Exterior Girder	17.71	0.95	1	1	9.309921
EV3-Neg_str	BOBJ1	63.34	After	Interior Girder 1	17.71	0.95	1	1	8.756224
EV3-Neg_str	BOBJ1	63.34	After	Interior Girder 2	17.71	0.95	1	1	8.454418
EV3-Neg_str	BOBJ1	63.34	After	Interior Girder 3	17.71	0.95	1	1	8.958754
EV3-Neg_str	BOBJ1	63.34	After	Interior Girder 4	17.71	0.95	1	1	8.958754
EV3-Neg_str	BOBJ1	63.34	After	Interior Girder 5	17.71	0.95	1	1	8.454418
EV3-Neg_str	BOBJ1	63.34	After	Interior Girder 6	17.71	0.95	1	1	8.756224
EV3-Neg_str	BOBJ1	63.34	After	Right Exterior Girder	17.71	0.95	1	1	9.309921
EV3-Neg_str	BOBJ1	69.51	Before	Left Exterior Girder	23.88	0.95	1	1	11.917117
EV3-Neg_str	BOBJ1	69.51	Before	Interior Girder 1	23.88	0.95	1	1	11.228481
EV3-Neg_str	BOBJ1	69.51	Before	Interior Girder 2	23.88	0.95	1	1	11.467242
EV3-Neg_str	BOBJ1	69.51	Before	Interior Girder 3	23.88	0.95	1	1	12.060747
EV3-Neg_str	BOBJ1	69.51	Before	Interior Girder 4	23.88	0.95	1	1	12.060747
EV3-Neg_str	BOBJ1	69.51	Before	Interior Girder 5	23.88	0.95	1	1	11.467242
EV3-Neg_str	BOBJ1	69.51	Before	Interior Girder 6	23.88	0.95	1	1	11.228481
EV3-Neg_str	BOBJ1	69.51	Before	Right Exterior Girder	23.88	0.95	1	1	11.917117
EV3-Neg_str	BOBJ1	69.51	After	Left Exterior Girder	23.88	0.95	1	1	11.599104
EV3-Neg_str	BOBJ1	69.51	After	Interior Girder 1	23.88	0.95	1	1	11.329158
EV3-Neg_str	BOBJ1	69.51	After	Interior Girder 2	23.88	0.95	1	1	11.452068
EV3-Neg_str	BOBJ1	69.51	After	Interior Girder 3	23.88	0.95	1	1	12.099047
EV3-Neg_str	BOBJ1	69.51	After	Interior Girder 4	23.88	0.95	1	1	12.099047
EV3-Neg_str	BOBJ1	69.51	After	Interior Girder 5	23.88	0.95	1	1	11.452068
EV3-Neg_str	BOBJ1	69.51	After	Interior Girder 6	23.88	0.95	1	1	11.329158
EV3-Neg_str	BOBJ1	69.51	After	Right Exterior Girder	23.88	0.95	1	1	11.599104
EV3-Neg_str	BOBJ1	75.68	Before	Left Exterior Girder	30.05	0.95	1	1	13.080901
EV3-Neg_str	BOBJ1	75.68	Before	Interior Girder 1	30.05	0.95	1	1	14.411379
EV3-Neg_str	BOBJ1	75.68	Before	Interior Girder 2	30.05	0.95	1	1	15.606937
EV3-Neg_str	BOBJ1	75.68	Before	Interior Girder 3	30.05	0.95	1	1	16.460993
EV3-Neg_str	BOBJ1	75.68	Before	Interior Girder 4	30.05	0.95	1	1	16.460993
EV3-Neg_str	BOBJ1	75.68	Before	Interior Girder 5	30.05	0.95	1	1	15.606937
EV3-Neg_str	BOBJ1	75.68	Before	Interior Girder 6	30.05	0.95	1	1	14.411379
EV3-Neg_str	BOBJ1	75.68	Before	Right Exterior Girder	30.05	0.95	1	1	13.080901
EV3-Neg_str	BOBJ1	75.68	After	Left Exterior Girder	30.05	0.95	1	1	11.364074
EV3-Neg_str	BOBJ1	75.68	After	Interior Girder 1	30.05	0.95	1	1	12.710463
EV3-Neg_str	BOBJ1	75.68	After	Interior Girder 2	30.05	0.95	1	1	15.558378
EV3-Neg_str	BOBJ1	75.68	After	Interior Girder 3	30.05	0.95	1	1	14.334766
EV3-Neg_str	BOBJ1	75.68	After	Interior Girder 4	30.05	0.95	1	1	14.334766
EV3-Neg_str	BOBJ1	75.68	After	Interior Girder 5	30.05	0.95	1	1	15.558378
EV3-Neg_str	BOBJ1	75.68	After	Interior Girder 6	30.05	0.95	1	1	12.710463
EV3-Neg_str	BOBJ1	75.68	After	Right Exterior Girder	30.05	0.95	1	1	11.364074
EV3-Neg_str	BOBJ1	81.8467	Before	Left Exterior Girder	36.2167	0.95	1	1	10.842099
EV3-Neg_str	BOBJ1	81.8467	Before	Interior Girder 1	36.2167	0.95	1	1	11.202611
EV3-Neg_str	BOBJ1	81.8467	Before	Interior Girder 2	36.2167	0.95	1	1	13.59159
EV3-Neg_str	BOBJ1	81.8467	Before	Interior Girder 3	36.2167	0.95	1	1	12.44316
EV3-Neg_str	BOBJ1	81.8467	Before	Interior Girder 4	36.2167	0.95	1	1	12.44316
EV3-Neg_str	BOBJ1	81.8467	Before	Interior Girder 5	36.2167	0.95	1	1	13.59159
EV3-Neg_str	BOBJ1	81.8467	Before	Interior Girder 6	36.2167	0.95	1	1	11.202611
EV3-Neg_str	BOBJ1	81.8467	Before	Right Exterior Girder	36.2167	0.95	1	1	10.842099
EV3-Neg_str	BOBJ1	81.8467	After	Left Exterior Girder	36.2167	0.95	1	1	11.078716
EV3-Neg_str	BOBJ1	81.8467	After	Interior Girder 1	36.2167	0.95	1	1	11.078195
EV3-Neg_str	BOBJ1	81.8467	After	Interior Girder 2	36.2167	0.95	1	1	13.65901
EV3-Neg_str	BOBJ1	81.8467	After	Interior Girder 3	36.2167	0.95	1	1	12.476367
EV3-Neg_str	BOBJ1	81.8467	After	Interior Girder 4	36.2167	0.95	1	1	12.476367
EV3-Neg_str	BOBJ1	81.8467	After	Interior Girder 5	36.2167	0.95	1	1	13.65901
EV3-Neg_str	BOBJ1	81.8467	After	Interior Girder 6	36.2167	0.95	1	1	11.078195
EV3-Neg_str	BOBJ1	81.8467	After	Right Exterior Girder	36.2167	0.95	1	1	11.078716
EV3-Neg_str	BOBJ1	88.0133	Before	Left Exterior Girder	42.3833	0.95	1	1	8.923282

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelINonCompStrgth-Flx - Approach, Span 16-19									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
EV3-Neg_str	BOBJ1	88.0133	Before	Interior Girder 1	42.3833	0.95	1	1	8.560241
EV3-Neg_str	BOBJ1	88.0133	Before	Interior Girder 2	42.3833	0.95	1	1	10.093091
EV3-Neg_str	BOBJ1	88.0133	Before	Interior Girder 3	42.3833	0.95	1	1	9.242145
EV3-Neg_str	BOBJ1	88.0133	Before	Interior Girder 4	42.3833	0.95	1	1	9.242145
EV3-Neg_str	BOBJ1	88.0133	Before	Interior Girder 5	42.3833	0.95	1	1	10.093091
EV3-Neg_str	BOBJ1	88.0133	Before	Interior Girder 6	42.3833	0.95	1	1	8.560241
EV3-Neg_str	BOBJ1	88.0133	Before	Right Exterior Girder	42.3833	0.95	1	1	8.923282
EV3-Neg_str	BOBJ1	88.0133	After	Left Exterior Girder	42.3833	0.95	1	1	9.076501
EV3-Neg_str	BOBJ1	88.0133	After	Interior Girder 1	42.3833	0.95	1	1	8.474706
EV3-Neg_str	BOBJ1	88.0133	After	Interior Girder 2	42.3833	0.95	1	1	10.153198
EV3-Neg_str	BOBJ1	88.0133	After	Interior Girder 3	42.3833	0.95	1	1	9.293186
EV3-Neg_str	BOBJ1	88.0133	After	Interior Girder 4	42.3833	0.95	1	1	9.293186
EV3-Neg_str	BOBJ1	88.0133	After	Interior Girder 5	42.3833	0.95	1	1	10.153198
EV3-Neg_str	BOBJ1	88.0133	After	Interior Girder 6	42.3833	0.95	1	1	8.474706
EV3-Neg_str	BOBJ1	88.0133	After	Right Exterior Girder	42.3833	0.95	1	1	9.076501
EV3-Neg_str	BOBJ1	94.18	Before	Left Exterior Girder	48.55	0.95	1	1	6.766306
EV3-Neg_str	BOBJ1	94.18	Before	Interior Girder 1	48.55	0.95	1	1	6.533
EV3-Neg_str	BOBJ1	94.18	Before	Interior Girder 2	48.55	0.95	1	1	7.581123
EV3-Neg_str	BOBJ1	94.18	Before	Interior Girder 3	48.55	0.95	1	1	6.89984
EV3-Neg_str	BOBJ1	94.18	Before	Interior Girder 4	48.55	0.95	1	1	6.89984
EV3-Neg_str	BOBJ1	94.18	Before	Interior Girder 5	48.55	0.95	1	1	7.581123
EV3-Neg_str	BOBJ1	94.18	Before	Interior Girder 6	48.55	0.95	1	1	6.533
EV3-Neg_str	BOBJ1	94.18	Before	Right Exterior Girder	48.55	0.95	1	1	6.766306
EV3-Neg_str	BOBJ1	94.18	After	Left Exterior Girder	48.55	0.95	1	1	6.901088
EV3-Neg_str	BOBJ1	94.18	After	Interior Girder 1	48.55	0.95	1	1	7.502907
EV3-Neg_str	BOBJ1	94.18	After	Interior Girder 2	48.55	0.95	1	1	7.55401
EV3-Neg_str	BOBJ1	94.18	After	Interior Girder 3	48.55	0.95	1	1	8.020727
EV3-Neg_str	BOBJ1	94.18	After	Interior Girder 4	48.55	0.95	1	1	8.020727
EV3-Neg_str	BOBJ1	94.18	After	Interior Girder 5	48.55	0.95	1	1	7.55401
EV3-Neg_str	BOBJ1	94.18	After	Interior Girder 6	48.55	0.95	1	1	7.502907
EV3-Neg_str	BOBJ1	94.18	After	Right Exterior Girder	48.55	0.95	1	1	6.901088
EV3-Neg_str	BOBJ1	100.3567	Before	Left Exterior Girder	54.7267	0.95	1	1	4.778518
EV3-Neg_str	BOBJ1	100.3567	Before	Interior Girder 1	54.7267	0.95	1	1	5.62133
EV3-Neg_str	BOBJ1	100.3567	Before	Interior Girder 2	54.7267	0.95	1	1	5.184476
EV3-Neg_str	BOBJ1	100.3567	Before	Interior Girder 3	54.7267	0.95	1	1	5.086714
EV3-Neg_str	BOBJ1	100.3567	Before	Interior Girder 4	54.7267	0.95	1	1	5.086714
EV3-Neg_str	BOBJ1	100.3567	Before	Interior Girder 5	54.7267	0.95	1	1	5.184476
EV3-Neg_str	BOBJ1	100.3567	Before	Interior Girder 6	54.7267	0.95	1	1	5.62133
EV3-Neg_str	BOBJ1	100.3567	Before	Right Exterior Girder	54.7267	0.95	1	1	4.778518
EV3-Neg_str	BOBJ1	100.3567	After	Left Exterior Girder	54.7267	0.95	1	1	4.878795
EV3-Neg_str	BOBJ1	100.3567	After	Interior Girder 1	54.7267	0.95	1	1	5.586835
EV3-Neg_str	BOBJ1	100.3567	After	Interior Girder 2	54.7267	0.95	1	1	5.223168
EV3-Neg_str	BOBJ1	100.3567	After	Interior Girder 3	54.7267	0.95	1	1	5.200402
EV3-Neg_str	BOBJ1	100.3567	After	Interior Girder 4	54.7267	0.95	1	1	5.200402
EV3-Neg_str	BOBJ1	100.3567	After	Interior Girder 5	54.7267	0.95	1	1	5.223168
EV3-Neg_str	BOBJ1	100.3567	After	Interior Girder 6	54.7267	0.95	1	1	5.586835
EV3-Neg_str	BOBJ1	100.3567	After	Right Exterior Girder	54.7267	0.95	1	1	4.878795
EV3-Neg_str	BOBJ1	106.5333	Before	Left Exterior Girder	60.9033	0.95	1	1	1.961189
EV3-Neg_str	BOBJ1	106.5333	Before	Interior Girder 1	60.9033	0.95	1	1	2.595266
EV3-Neg_str	BOBJ1	106.5333	Before	Interior Girder 2	60.9033	0.95	1	1	2.419073
EV3-Neg_str	BOBJ1	106.5333	Before	Interior Girder 3	60.9033	0.95	1	1	2.199521
EV3-Neg_str	BOBJ1	106.5333	Before	Interior Girder 4	60.9033	0.95	1	1	2.199521
EV3-Neg_str	BOBJ1	106.5333	Before	Interior Girder 5	60.9033	0.95	1	1	2.419073
EV3-Neg_str	BOBJ1	106.5333	Before	Interior Girder 6	60.9033	0.95	1	1	2.595266
EV3-Neg_str	BOBJ1	106.5333	Before	Right Exterior Girder	60.9033	0.95	1	1	1.961189
EV3-Neg_str	BOBJ1	106.5333	After	Left Exterior Girder	60.9033	0.95	1	1	2.048672
EV3-Neg_str	BOBJ1	106.5333	After	Interior Girder 1	60.9033	0.95	1	1	2.509965
EV3-Neg_str	BOBJ1	106.5333	After	Interior Girder 2	60.9033	0.95	1	1	2.41265
EV3-Neg_str	BOBJ1	106.5333	After	Interior Girder 3	60.9033	0.95	1	1	2.224902
EV3-Neg_str	BOBJ1	106.5333	After	Interior Girder 4	60.9033	0.95	1	1	2.224902
EV3-Neg_str	BOBJ1	106.5333	After	Interior Girder 5	60.9033	0.95	1	1	2.41265
EV3-Neg_str	BOBJ1	106.5333	After	Interior Girder 6	60.9033	0.95	1	1	2.509965
EV3-Neg_str	BOBJ1	106.5333	After	Right Exterior Girder	60.9033	0.95	1	1	2.048672
EV3-Neg_str	BOBJ1	108.2102	Before	Left Exterior Girder	62.5802	0.95	1	1	1.404029
EV3-Neg_str	BOBJ1	108.2102	Before	Right Exterior Girder	62.5802	0.95	1	1	1.404029

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelINonCompStrgth-Flx - Approach, Span 16-19									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
EV3-Neg_str	BOBJ1	108.2102	After	Left Exterior Girder	62.5802	0.95	1	1	2.222938
EV3-Neg_str	BOBJ1	108.2102	After	Right Exterior Girder	62.5802	0.95	1	1	2.222938
EV3-Neg_str	BOBJ1	112.71	Before	Left Exterior Girder	67.08	0.95	1	1	1.058187
EV3-Neg_str	BOBJ1	112.71	Before	Interior Girder 1	67.08	0.95	1	1	1.050819
EV3-Neg_str	BOBJ1	112.71	Before	Interior Girder 2	67.08	0.95	1	1	1.02225
EV3-Neg_str	BOBJ1	112.71	Before	Interior Girder 3	67.08	0.95	1	1	0.872039
EV3-Neg_str	BOBJ1	112.71	Before	Interior Girder 4	67.08	0.95	1	1	0.872039
EV3-Neg_str	BOBJ1	112.71	Before	Interior Girder 5	67.08	0.95	1	1	1.02225
EV3-Neg_str	BOBJ1	112.71	Before	Interior Girder 6	67.08	0.95	1	1	1.050819
EV3-Neg_str	BOBJ1	112.71	Before	Right Exterior Girder	67.08	0.95	1	1	1.058187
EV3-Neg_str	BOBJ1	112.71	After	Left Exterior Girder	0	0.95	1	1	1.072491
EV3-Neg_str	BOBJ1	112.71	After	Interior Girder 1	0	0.95	1	1	1.041713
EV3-Neg_str	BOBJ1	112.71	After	Interior Girder 2	0	0.95	1	1	1.016097
EV3-Neg_str	BOBJ1	112.71	After	Interior Girder 3	0	0.95	1	1	0.866458
EV3-Neg_str	BOBJ1	112.71	After	Interior Girder 4	0	0.95	1	1	0.866458
EV3-Neg_str	BOBJ1	112.71	After	Interior Girder 5	0	0.95	1	1	1.016097
EV3-Neg_str	BOBJ1	112.71	After	Interior Girder 6	0	0.95	1	1	1.041713
EV3-Neg_str	BOBJ1	112.71	After	Right Exterior Girder	0	0.95	1	1	1.072491
EV3-Neg_str	BOBJ1	117.21	Before	Left Exterior Girder	4.5	0.95	1	1	2.123532
EV3-Neg_str	BOBJ1	117.21	Before	Right Exterior Girder	4.5	0.95	1	1	2.123532
EV3-Neg_str	BOBJ1	117.21	After	Left Exterior Girder	4.5	0.95	1	1	1.331781
EV3-Neg_str	BOBJ1	117.21	After	Right Exterior Girder	4.5	0.95	1	1	1.331781
EV3-Neg_str	BOBJ1	119.1	Before	Left Exterior Girder	6.39	0.95	1	1	1.864796
EV3-Neg_str	BOBJ1	119.1	Before	Interior Girder 1	6.39	0.95	1	1	2.426425
EV3-Neg_str	BOBJ1	119.1	Before	Interior Girder 2	6.39	0.95	1	1	2.366853
EV3-Neg_str	BOBJ1	119.1	Before	Interior Girder 3	6.39	0.95	1	1	2.224833
EV3-Neg_str	BOBJ1	119.1	Before	Interior Girder 4	6.39	0.95	1	1	2.224833
EV3-Neg_str	BOBJ1	119.1	Before	Interior Girder 5	6.39	0.95	1	1	2.366853
EV3-Neg_str	BOBJ1	119.1	Before	Interior Girder 6	6.39	0.95	1	1	2.426425
EV3-Neg_str	BOBJ1	119.1	Before	Right Exterior Girder	6.39	0.95	1	1	1.864796
EV3-Neg_str	BOBJ1	119.1	After	Left Exterior Girder	6.39	0.95	1	1	1.79583
EV3-Neg_str	BOBJ1	119.1	After	Interior Girder 1	6.39	0.95	1	1	2.490533
EV3-Neg_str	BOBJ1	119.1	After	Interior Girder 2	6.39	0.95	1	1	2.3637
EV3-Neg_str	BOBJ1	119.1	After	Interior Girder 3	6.39	0.95	1	1	2.202654
EV3-Neg_str	BOBJ1	119.1	After	Interior Girder 4	6.39	0.95	1	1	2.202654
EV3-Neg_str	BOBJ1	119.1	After	Interior Girder 5	6.39	0.95	1	1	2.3637
EV3-Neg_str	BOBJ1	119.1	After	Interior Girder 6	6.39	0.95	1	1	2.490533
EV3-Neg_str	BOBJ1	119.1	After	Right Exterior Girder	6.39	0.95	1	1	1.79583
EV3-Neg_str	BOBJ1	125.49	Before	Left Exterior Girder	12.78	0.95	1	1	3.244499
EV3-Neg_str	BOBJ1	125.49	Before	Interior Girder 1	12.78	0.95	1	1	3.871041
EV3-Neg_str	BOBJ1	125.49	Before	Interior Girder 2	12.78	0.95	1	1	3.862835
EV3-Neg_str	BOBJ1	125.49	Before	Interior Girder 3	12.78	0.95	1	1	3.926363
EV3-Neg_str	BOBJ1	125.49	Before	Interior Girder 4	12.78	0.95	1	1	3.926363
EV3-Neg_str	BOBJ1	125.49	Before	Interior Girder 5	12.78	0.95	1	1	3.862835
EV3-Neg_str	BOBJ1	125.49	Before	Interior Girder 6	12.78	0.95	1	1	3.871041
EV3-Neg_str	BOBJ1	125.49	Before	Right Exterior Girder	12.78	0.95	1	1	3.244499
EV3-Neg_str	BOBJ1	125.49	After	Left Exterior Girder	12.78	0.95	1	1	3.201265
EV3-Neg_str	BOBJ1	125.49	After	Interior Girder 1	12.78	0.95	1	1	3.925158
EV3-Neg_str	BOBJ1	125.49	After	Interior Girder 2	12.78	0.95	1	1	3.900006
EV3-Neg_str	BOBJ1	125.49	After	Interior Girder 3	12.78	0.95	1	1	3.933274
EV3-Neg_str	BOBJ1	125.49	After	Interior Girder 4	12.78	0.95	1	1	3.933274
EV3-Neg_str	BOBJ1	125.49	After	Interior Girder 5	12.78	0.95	1	1	3.900006
EV3-Neg_str	BOBJ1	125.49	After	Interior Girder 6	12.78	0.95	1	1	3.925158
EV3-Neg_str	BOBJ1	125.49	After	Right Exterior Girder	12.78	0.95	1	1	3.201265
EV3-Neg_str	BOBJ1	131.88	Before	Left Exterior Girder	19.17	0.95	1	1	4.620561
EV3-Neg_str	BOBJ1	131.88	Before	Interior Girder 1	19.17	0.95	1	1	5.128806
EV3-Neg_str	BOBJ1	131.88	Before	Interior Girder 2	19.17	0.95	1	1	5.334336
EV3-Neg_str	BOBJ1	131.88	Before	Interior Girder 3	19.17	0.95	1	1	5.693769
EV3-Neg_str	BOBJ1	131.88	Before	Interior Girder 4	19.17	0.95	1	1	5.693769
EV3-Neg_str	BOBJ1	131.88	Before	Interior Girder 5	19.17	0.95	1	1	5.334336
EV3-Neg_str	BOBJ1	131.88	Before	Interior Girder 6	19.17	0.95	1	1	5.128806
EV3-Neg_str	BOBJ1	131.88	Before	Right Exterior Girder	19.17	0.95	1	1	4.620561
EV3-Neg_str	BOBJ1	131.88	After	Left Exterior Girder	19.17	0.95	1	1	4.532909
EV3-Neg_str	BOBJ1	131.88	After	Interior Girder 1	19.17	0.95	1	1	4.489892
EV3-Neg_str	BOBJ1	131.88	After	Interior Girder 2	19.17	0.95	1	1	4.619033

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelINonCompStrgth-Flx - Approach, Span 16-19									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
EV3-Neg_str	BOBJ1	131.88	After	Interior Girder 3	19.17	0.95	1	1	4.941908
EV3-Neg_str	BOBJ1	131.88	After	Interior Girder 4	19.17	0.95	1	1	4.941908
EV3-Neg_str	BOBJ1	131.88	After	Interior Girder 5	19.17	0.95	1	1	4.619033
EV3-Neg_str	BOBJ1	131.88	After	Interior Girder 6	19.17	0.95	1	1	4.489892
EV3-Neg_str	BOBJ1	131.88	After	Right Exterior Girder	19.17	0.95	1	1	4.532909
EV3-Neg_str	BOBJ1	138.27	Before	Left Exterior Girder	25.56	0.95	1	1	6.270966
EV3-Neg_str	BOBJ1	138.27	Before	Interior Girder 1	25.56	0.95	1	1	5.90445
EV3-Neg_str	BOBJ1	138.27	Before	Interior Girder 2	25.56	0.95	1	1	6.293209
EV3-Neg_str	BOBJ1	138.27	Before	Interior Girder 3	25.56	0.95	1	1	6.732144
EV3-Neg_str	BOBJ1	138.27	Before	Interior Girder 4	25.56	0.95	1	1	6.732144
EV3-Neg_str	BOBJ1	138.27	Before	Interior Girder 5	25.56	0.95	1	1	6.293209
EV3-Neg_str	BOBJ1	138.27	Before	Interior Girder 6	25.56	0.95	1	1	5.90445
EV3-Neg_str	BOBJ1	138.27	Before	Right Exterior Girder	25.56	0.95	1	1	6.270966
EV3-Neg_str	BOBJ1	138.27	After	Left Exterior Girder	25.56	0.95	1	1	6.175112
EV3-Neg_str	BOBJ1	138.27	After	Interior Girder 1	25.56	0.95	1	1	5.976079
EV3-Neg_str	BOBJ1	138.27	After	Interior Girder 2	25.56	0.95	1	1	6.263896
EV3-Neg_str	BOBJ1	138.27	After	Interior Girder 3	25.56	0.95	1	1	6.677523
EV3-Neg_str	BOBJ1	138.27	After	Interior Girder 4	25.56	0.95	1	1	6.677523
EV3-Neg_str	BOBJ1	138.27	After	Interior Girder 5	25.56	0.95	1	1	6.263896
EV3-Neg_str	BOBJ1	138.27	After	Interior Girder 6	25.56	0.95	1	1	5.976079
EV3-Neg_str	BOBJ1	138.27	After	Right Exterior Girder	25.56	0.95	1	1	6.175112
EV3-Neg_str	BOBJ1	144.66	Before	Left Exterior Girder	31.95	0.95	1	1	6.516127
EV3-Neg_str	BOBJ1	144.66	Before	Interior Girder 1	31.95	0.95	1	1	6.40115
EV3-Neg_str	BOBJ1	144.66	Before	Interior Girder 2	31.95	0.95	1	1	6.728608
EV3-Neg_str	BOBJ1	144.66	Before	Interior Girder 3	31.95	0.95	1	1	7.14681
EV3-Neg_str	BOBJ1	144.66	Before	Interior Girder 4	31.95	0.95	1	1	7.14681
EV3-Neg_str	BOBJ1	144.66	Before	Interior Girder 5	31.95	0.95	1	1	6.728608
EV3-Neg_str	BOBJ1	144.66	Before	Interior Girder 6	31.95	0.95	1	1	6.40115
EV3-Neg_str	BOBJ1	144.66	Before	Right Exterior Girder	31.95	0.95	1	1	6.516127
EV3-Neg_str	BOBJ1	144.66	After	Left Exterior Girder	31.95	0.95	1	1	6.597433
EV3-Neg_str	BOBJ1	144.66	After	Interior Girder 1	31.95	0.95	1	1	6.331265
EV3-Neg_str	BOBJ1	144.66	After	Interior Girder 2	31.95	0.95	1	1	6.77146
EV3-Neg_str	BOBJ1	144.66	After	Interior Girder 3	31.95	0.95	1	1	7.195249
EV3-Neg_str	BOBJ1	144.66	After	Interior Girder 4	31.95	0.95	1	1	7.195249
EV3-Neg_str	BOBJ1	144.66	After	Interior Girder 5	31.95	0.95	1	1	6.77146
EV3-Neg_str	BOBJ1	144.66	After	Interior Girder 6	31.95	0.95	1	1	6.331265
EV3-Neg_str	BOBJ1	144.66	After	Right Exterior Girder	31.95	0.95	1	1	6.597433
EV3-Neg_str	BOBJ1	151.05	Before	Left Exterior Girder	38.34	0.95	1	1	4.816129
EV3-Neg_str	BOBJ1	151.05	Before	Interior Girder 1	38.34	0.95	1	1	4.883126
EV3-Neg_str	BOBJ1	151.05	Before	Interior Girder 2	38.34	0.95	1	1	5.022682
EV3-Neg_str	BOBJ1	151.05	Before	Interior Girder 3	38.34	0.95	1	1	5.354837
EV3-Neg_str	BOBJ1	151.05	Before	Interior Girder 4	38.34	0.95	1	1	5.354837
EV3-Neg_str	BOBJ1	151.05	Before	Interior Girder 5	38.34	0.95	1	1	5.022682
EV3-Neg_str	BOBJ1	151.05	Before	Interior Girder 6	38.34	0.95	1	1	4.883126
EV3-Neg_str	BOBJ1	151.05	Before	Right Exterior Girder	38.34	0.95	1	1	4.816129
EV3-Neg_str	BOBJ1	151.05	After	Left Exterior Girder	38.34	0.95	1	1	4.892399
EV3-Neg_str	BOBJ1	151.05	After	Interior Girder 1	38.34	0.95	1	1	4.699748
EV3-Neg_str	BOBJ1	151.05	After	Interior Girder 2	38.34	0.95	1	1	4.8708
EV3-Neg_str	BOBJ1	151.05	After	Interior Girder 3	38.34	0.95	1	1	5.193894
EV3-Neg_str	BOBJ1	151.05	After	Interior Girder 4	38.34	0.95	1	1	5.193894
EV3-Neg_str	BOBJ1	151.05	After	Interior Girder 5	38.34	0.95	1	1	4.8708
EV3-Neg_str	BOBJ1	151.05	After	Interior Girder 6	38.34	0.95	1	1	4.699748
EV3-Neg_str	BOBJ1	151.05	After	Right Exterior Girder	38.34	0.95	1	1	4.892399
EV3-Neg_str	BOBJ1	157.4367	Before	Left Exterior Girder	44.7267	0.95	1	1	3.359955
EV3-Neg_str	BOBJ1	157.4367	Before	Interior Girder 1	44.7267	0.95	1	1	3.559295
EV3-Neg_str	BOBJ1	157.4367	Before	Interior Girder 2	44.7267	0.95	1	1	3.458503
EV3-Neg_str	BOBJ1	157.4367	Before	Interior Girder 3	44.7267	0.95	1	1	3.432606
EV3-Neg_str	BOBJ1	157.4367	Before	Interior Girder 4	44.7267	0.95	1	1	3.432606
EV3-Neg_str	BOBJ1	157.4367	Before	Interior Girder 5	44.7267	0.95	1	1	3.458503
EV3-Neg_str	BOBJ1	157.4367	Before	Interior Girder 6	44.7267	0.95	1	1	3.559295
EV3-Neg_str	BOBJ1	157.4367	Before	Right Exterior Girder	44.7267	0.95	1	1	3.359955
EV3-Neg_str	BOBJ1	157.4367	After	Left Exterior Girder	44.7267	0.95	1	1	3.398997
EV3-Neg_str	BOBJ1	157.4367	After	Interior Girder 1	44.7267	0.95	1	1	3.532056
EV3-Neg_str	BOBJ1	157.4367	After	Interior Girder 2	44.7267	0.95	1	1	3.462392
EV3-Neg_str	BOBJ1	157.4367	After	Interior Girder 3	44.7267	0.95	1	1	3.476422

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelINonCompStrgth-Flx - Approach, Span 16-19									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
EV3-Neg_str	BOBJ1	157.4367	After	Interior Girder 4	44.7267	0.95	1	1	3.476422
EV3-Neg_str	BOBJ1	157.4367	After	Interior Girder 5	44.7267	0.95	1	1	3.462392
EV3-Neg_str	BOBJ1	157.4367	After	Interior Girder 6	44.7267	0.95	1	1	3.532056
EV3-Neg_str	BOBJ1	157.4367	After	Right Exterior Girder	44.7267	0.95	1	1	3.398997
EV3-Neg_str	BOBJ1	158.71	Before	Left Exterior Girder	46	0.95	1	1	3.08898
EV3-Neg_str	BOBJ1	158.71	Before	Interior Girder 1	46	0.95	1	1	3.299587
EV3-Neg_str	BOBJ1	158.71	Before	Interior Girder 2	46	0.95	1	1	3.150793
EV3-Neg_str	BOBJ1	158.71	Before	Interior Girder 3	46	0.95	1	1	3.103943
EV3-Neg_str	BOBJ1	158.71	Before	Interior Girder 4	46	0.95	1	1	3.103943
EV3-Neg_str	BOBJ1	158.71	Before	Interior Girder 5	46	0.95	1	1	3.150793
EV3-Neg_str	BOBJ1	158.71	Before	Interior Girder 6	46	0.95	1	1	3.299587
EV3-Neg_str	BOBJ1	158.71	Before	Right Exterior Girder	46	0.95	1	1	3.08898
EV3-Neg_str	BOBJ1	158.71	After	Left Exterior Girder	46	0.95	1	1	4.2778
EV3-Neg_str	BOBJ1	158.71	After	Interior Girder 1	46	0.95	1	1	4.153173
EV3-Neg_str	BOBJ1	158.71	After	Interior Girder 2	46	0.95	1	1	3.973898
EV3-Neg_str	BOBJ1	158.71	After	Interior Girder 3	46	0.95	1	1	3.946828
EV3-Neg_str	BOBJ1	158.71	After	Interior Girder 4	46	0.95	1	1	3.946828
EV3-Neg_str	BOBJ1	158.71	After	Interior Girder 5	46	0.95	1	1	3.973898
EV3-Neg_str	BOBJ1	158.71	After	Interior Girder 6	46	0.95	1	1	4.153173
EV3-Neg_str	BOBJ1	158.71	After	Right Exterior Girder	46	0.95	1	1	4.2778
EV3-Neg_str	BOBJ1	163.8233	Before	Left Exterior Girder	51.1133	0.95	1	1	2.448951
EV3-Neg_str	BOBJ1	163.8233	Before	Interior Girder 1	51.1133	0.95	1	1	2.4857
EV3-Neg_str	BOBJ1	163.8233	Before	Interior Girder 2	51.1133	0.95	1	1	2.328201
EV3-Neg_str	BOBJ1	163.8233	Before	Interior Girder 3	51.1133	0.95	1	1	2.122584
EV3-Neg_str	BOBJ1	163.8233	Before	Interior Girder 4	51.1133	0.95	1	1	2.122584
EV3-Neg_str	BOBJ1	163.8233	Before	Interior Girder 5	51.1133	0.95	1	1	2.328201
EV3-Neg_str	BOBJ1	163.8233	Before	Interior Girder 6	51.1133	0.95	1	1	2.4857
EV3-Neg_str	BOBJ1	163.8233	Before	Right Exterior Girder	51.1133	0.95	1	1	2.448951
EV3-Neg_str	BOBJ1	163.8233	After	Left Exterior Girder	51.1133	0.95	1	1	2.517809
EV3-Neg_str	BOBJ1	163.8233	After	Interior Girder 1	51.1133	0.95	1	1	2.428318
EV3-Neg_str	BOBJ1	163.8233	After	Interior Girder 2	51.1133	0.95	1	1	2.319766
EV3-Neg_str	BOBJ1	163.8233	After	Interior Girder 3	51.1133	0.95	1	1	2.139054
EV3-Neg_str	BOBJ1	163.8233	After	Interior Girder 4	51.1133	0.95	1	1	2.139054
EV3-Neg_str	BOBJ1	163.8233	After	Interior Girder 5	51.1133	0.95	1	1	2.319766
EV3-Neg_str	BOBJ1	163.8233	After	Interior Girder 6	51.1133	0.95	1	1	2.428318
EV3-Neg_str	BOBJ1	163.8233	After	Right Exterior Girder	51.1133	0.95	1	1	2.517809
EV3-Neg_str	BOBJ1	164.71	Before	Left Exterior Girder	52	0.95	1	1	2.16614
EV3-Neg_str	BOBJ1	164.71	Before	Right Exterior Girder	52	0.95	1	1	2.16614
EV3-Neg_str	BOBJ1	164.71	After	Left Exterior Girder	52	0.95	1	1	3.490079
EV3-Neg_str	BOBJ1	164.71	After	Right Exterior Girder	52	0.95	1	1	3.490079
EV3-Neg_str	BOBJ1	170.21	Before	Left Exterior Girder	57.5	0.95	1	1	1.720542
EV3-Neg_str	BOBJ1	170.21	Before	Interior Girder 1	57.5	0.95	1	1	1.044827
EV3-Neg_str	BOBJ1	170.21	Before	Interior Girder 2	57.5	0.95	1	1	1.011107
EV3-Neg_str	BOBJ1	170.21	Before	Interior Girder 3	57.5	0.95	1	1	0.844833
EV3-Neg_str	BOBJ1	170.21	Before	Interior Girder 4	57.5	0.95	1	1	0.844833
EV3-Neg_str	BOBJ1	170.21	Before	Interior Girder 5	57.5	0.95	1	1	1.011107
EV3-Neg_str	BOBJ1	170.21	Before	Interior Girder 6	57.5	0.95	1	1	1.044827
EV3-Neg_str	BOBJ1	170.21	Before	Right Exterior Girder	57.5	0.95	1	1	1.720542
EV3-Neg_str	BOBJ1	170.21	After	Left Exterior Girder	0	0.95	1	1	1.716535
EV3-Neg_str	BOBJ1	170.21	After	Interior Girder 1	0	0.95	1	1	1.405192
EV3-Neg_str	BOBJ1	170.21	After	Interior Girder 2	0	0.95	1	1	1.328322
EV3-Neg_str	BOBJ1	170.21	After	Interior Girder 3	0	0.95	1	1	1.133635
EV3-Neg_str	BOBJ1	170.21	After	Interior Girder 4	0	0.95	1	1	1.133635
EV3-Neg_str	BOBJ1	170.21	After	Interior Girder 5	0	0.95	1	1	1.328322
EV3-Neg_str	BOBJ1	170.21	After	Interior Girder 6	0	0.95	1	1	1.405192
EV3-Neg_str	BOBJ1	170.21	After	Right Exterior Girder	0	0.95	1	1	1.716535
EV3-Neg_str	BOBJ1	176.21	Before	Left Exterior Girder	6	0.95	1	1	4.057073
EV3-Neg_str	BOBJ1	176.21	Before	Right Exterior Girder	6	0.95	1	1	4.057073
EV3-Neg_str	BOBJ1	176.21	After	Left Exterior Girder	6	0.95	1	1	2.594886
EV3-Neg_str	BOBJ1	176.21	After	Right Exterior Girder	6	0.95	1	1	2.594886
EV3-Neg_str	BOBJ1	176.6	Before	Left Exterior Girder	6.39	0.95	1	1	2.829218
EV3-Neg_str	BOBJ1	176.6	Before	Interior Girder 1	6.39	0.95	1	1	3.286767
EV3-Neg_str	BOBJ1	176.6	Before	Interior Girder 2	6.39	0.95	1	1	3.08992
EV3-Neg_str	BOBJ1	176.6	Before	Interior Girder 3	6.39	0.95	1	1	2.830153
EV3-Neg_str	BOBJ1	176.6	Before	Interior Girder 4	6.39	0.95	1	1	2.830153

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelINonCompStrgth-Flx - Approach, Span 16-19									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
EV3-Neg_str	BOBJ1	176.6	Before	Interior Girder 5	6.39	0.95	1	1	3.08992
EV3-Neg_str	BOBJ1	176.6	Before	Interior Girder 6	6.39	0.95	1	1	3.286767
EV3-Neg_str	BOBJ1	176.6	Before	Right Exterior Girder	6.39	0.95	1	1	2.829218
EV3-Neg_str	BOBJ1	176.6	After	Left Exterior Girder	6.39	0.95	1	1	2.722242
EV3-Neg_str	BOBJ1	176.6	After	Interior Girder 1	6.39	0.95	1	1	3.376526
EV3-Neg_str	BOBJ1	176.6	After	Interior Girder 2	6.39	0.95	1	1	3.090447
EV3-Neg_str	BOBJ1	176.6	After	Interior Girder 3	6.39	0.95	1	1	2.796029
EV3-Neg_str	BOBJ1	176.6	After	Interior Girder 4	6.39	0.95	1	1	2.796029
EV3-Neg_str	BOBJ1	176.6	After	Interior Girder 5	6.39	0.95	1	1	3.090447
EV3-Neg_str	BOBJ1	176.6	After	Interior Girder 6	6.39	0.95	1	1	3.376526
EV3-Neg_str	BOBJ1	176.6	After	Right Exterior Girder	6.39	0.95	1	1	2.722242
EV3-Neg_str	BOBJ1	182.99	Before	Left Exterior Girder	12.78	0.95	1	1	5.380729
EV3-Neg_str	BOBJ1	182.99	Before	Interior Girder 1	12.78	0.95	1	1	6.12439
EV3-Neg_str	BOBJ1	182.99	Before	Interior Girder 2	12.78	0.95	1	1	5.847473
EV3-Neg_str	BOBJ1	182.99	Before	Interior Girder 3	12.78	0.95	1	1	5.934607
EV3-Neg_str	BOBJ1	182.99	Before	Interior Girder 4	12.78	0.95	1	1	5.934607
EV3-Neg_str	BOBJ1	182.99	Before	Interior Girder 5	12.78	0.95	1	1	5.847473
EV3-Neg_str	BOBJ1	182.99	Before	Interior Girder 6	12.78	0.95	1	1	6.12439
EV3-Neg_str	BOBJ1	182.99	Before	Right Exterior Girder	12.78	0.95	1	1	5.380729
EV3-Neg_str	BOBJ1	182.99	After	Left Exterior Girder	12.78	0.95	1	1	5.318742
EV3-Neg_str	BOBJ1	182.99	After	Interior Girder 1	12.78	0.95	1	1	6.179137
EV3-Neg_str	BOBJ1	182.99	After	Interior Girder 2	12.78	0.95	1	1	5.914516
EV3-Neg_str	BOBJ1	182.99	After	Interior Girder 3	12.78	0.95	1	1	5.877843
EV3-Neg_str	BOBJ1	182.99	After	Interior Girder 4	12.78	0.95	1	1	5.877843
EV3-Neg_str	BOBJ1	182.99	After	Interior Girder 5	12.78	0.95	1	1	5.914516
EV3-Neg_str	BOBJ1	182.99	After	Interior Girder 6	12.78	0.95	1	1	6.179137
EV3-Neg_str	BOBJ1	182.99	After	Right Exterior Girder	12.78	0.95	1	1	5.318742
EV3-Neg_str	BOBJ1	189.38	Before	Left Exterior Girder	19.17	0.95	1	1	7.341553
EV3-Neg_str	BOBJ1	189.38	Before	Interior Girder 1	19.17	0.95	1	1	7.905728
EV3-Neg_str	BOBJ1	189.38	Before	Interior Girder 2	19.17	0.95	1	1	8.017188
EV3-Neg_str	BOBJ1	189.38	Before	Interior Girder 3	19.17	0.95	1	1	8.458156
EV3-Neg_str	BOBJ1	189.38	Before	Interior Girder 4	19.17	0.95	1	1	8.458156
EV3-Neg_str	BOBJ1	189.38	Before	Interior Girder 5	19.17	0.95	1	1	8.017188
EV3-Neg_str	BOBJ1	189.38	Before	Interior Girder 6	19.17	0.95	1	1	7.905728
EV3-Neg_str	BOBJ1	189.38	Before	Right Exterior Girder	19.17	0.95	1	1	7.341553
EV3-Neg_str	BOBJ1	189.38	After	Left Exterior Girder	19.17	0.95	1	1	7.197851
EV3-Neg_str	BOBJ1	189.38	After	Interior Girder 1	19.17	0.95	1	1	6.847791
EV3-Neg_str	BOBJ1	189.38	After	Interior Girder 2	19.17	0.95	1	1	6.868894
EV3-Neg_str	BOBJ1	189.38	After	Interior Girder 3	19.17	0.95	1	1	7.230878
EV3-Neg_str	BOBJ1	189.38	After	Interior Girder 4	19.17	0.95	1	1	7.230878
EV3-Neg_str	BOBJ1	189.38	After	Interior Girder 5	19.17	0.95	1	1	6.868894
EV3-Neg_str	BOBJ1	189.38	After	Interior Girder 6	19.17	0.95	1	1	6.847791
EV3-Neg_str	BOBJ1	189.38	After	Right Exterior Girder	19.17	0.95	1	1	7.197851
EV3-Neg_str	BOBJ1	195.77	Before	Left Exterior Girder	25.56	0.95	1	1	9.557496
EV3-Neg_str	BOBJ1	195.77	Before	Interior Girder 1	25.56	0.95	1	1	8.77391
EV3-Neg_str	BOBJ1	195.77	Before	Interior Girder 2	25.56	0.95	1	1	9.172969
EV3-Neg_str	BOBJ1	195.77	Before	Interior Girder 3	25.56	0.95	1	1	9.588136
EV3-Neg_str	BOBJ1	195.77	Before	Interior Girder 4	25.56	0.95	1	1	9.588136
EV3-Neg_str	BOBJ1	195.77	Before	Interior Girder 5	25.56	0.95	1	1	9.172969
EV3-Neg_str	BOBJ1	195.77	Before	Interior Girder 6	25.56	0.95	1	1	8.77391
EV3-Neg_str	BOBJ1	195.77	Before	Right Exterior Girder	25.56	0.95	1	1	9.557496
EV3-Neg_str	BOBJ1	195.77	After	Left Exterior Girder	25.56	0.95	1	1	9.43594
EV3-Neg_str	BOBJ1	195.77	After	Interior Girder 1	25.56	0.95	1	1	8.868386
EV3-Neg_str	BOBJ1	195.77	After	Interior Girder 2	25.56	0.95	1	1	9.095417
EV3-Neg_str	BOBJ1	195.77	After	Interior Girder 3	25.56	0.95	1	1	9.495669
EV3-Neg_str	BOBJ1	195.77	After	Interior Girder 4	25.56	0.95	1	1	9.495669
EV3-Neg_str	BOBJ1	195.77	After	Interior Girder 5	25.56	0.95	1	1	9.095417
EV3-Neg_str	BOBJ1	195.77	After	Interior Girder 6	25.56	0.95	1	1	8.868386
EV3-Neg_str	BOBJ1	195.77	After	Right Exterior Girder	25.56	0.95	1	1	9.43594
EV3-Neg_str	BOBJ1	202.16	Before	Left Exterior Girder	31.95	0.95	1	1	12.073928
EV3-Neg_str	BOBJ1	202.16	Before	Interior Girder 1	31.95	0.95	1	1	11.372155
EV3-Neg_str	BOBJ1	202.16	Before	Interior Girder 2	31.95	0.95	1	1	12.247099
EV3-Neg_str	BOBJ1	202.16	Before	Interior Girder 3	31.95	0.95	1	1	12.667986
EV3-Neg_str	BOBJ1	202.16	Before	Interior Girder 4	31.95	0.95	1	1	12.667986
EV3-Neg_str	BOBJ1	202.16	Before	Interior Girder 5	31.95	0.95	1	1	12.247099

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelINonCompStrgth-Flx - Approach, Span 16-19									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
EV3-Neg_str	BOBJ1	202.16	Before	Interior Girder 6	31.95	0.95	1	1	11.372155
EV3-Neg_str	BOBJ1	202.16	Before	Right Exterior Girder	31.95	0.95	1	1	12.073928
EV3-Neg_str	BOBJ1	202.16	After	Left Exterior Girder	31.95	0.95	1	1	11.89046
EV3-Neg_str	BOBJ1	202.16	After	Interior Girder 1	31.95	0.95	1	1	11.517373
EV3-Neg_str	BOBJ1	202.16	After	Interior Girder 2	31.95	0.95	1	1	12.136557
EV3-Neg_str	BOBJ1	202.16	After	Interior Girder 3	31.95	0.95	1	1	12.559647
EV3-Neg_str	BOBJ1	202.16	After	Interior Girder 4	31.95	0.95	1	1	12.559647
EV3-Neg_str	BOBJ1	202.16	After	Interior Girder 5	31.95	0.95	1	1	12.136557
EV3-Neg_str	BOBJ1	202.16	After	Interior Girder 6	31.95	0.95	1	1	11.517373
EV3-Neg_str	BOBJ1	202.16	After	Right Exterior Girder	31.95	0.95	1	1	11.89046
EV3-Neg_str	BOBJ1	208.55	Before	Left Exterior Girder	38.34	0.95	1	1	14.086164
EV3-Neg_str	BOBJ1	208.55	Before	Interior Girder 1	38.34	0.95	1	1	15.136647
EV3-Neg_str	BOBJ1	208.55	Before	Interior Girder 2	38.34	0.95	1	1	16.655035
EV3-Neg_str	BOBJ1	208.55	Before	Interior Girder 3	38.34	0.95	1	1	17.497527
EV3-Neg_str	BOBJ1	208.55	Before	Interior Girder 4	38.34	0.95	1	1	17.497527
EV3-Neg_str	BOBJ1	208.55	Before	Interior Girder 5	38.34	0.95	1	1	16.655035
EV3-Neg_str	BOBJ1	208.55	Before	Interior Girder 6	38.34	0.95	1	1	15.136647
EV3-Neg_str	BOBJ1	208.55	Before	Right Exterior Girder	38.34	0.95	1	1	14.086164
EV3-Neg_str	BOBJ1	208.55	After	Left Exterior Girder	38.34	0.95	1	1	16.145136
EV3-Neg_str	BOBJ1	208.55	After	Interior Girder 1	38.34	0.95	1	1	17.626391
EV3-Neg_str	BOBJ1	208.55	After	Interior Girder 2	38.34	0.95	1	1	19.134299
EV3-Neg_str	BOBJ1	208.55	After	Interior Girder 3	38.34	0.95	1	1	19.812942
EV3-Neg_str	BOBJ1	208.55	After	Interior Girder 4	38.34	0.95	1	1	19.812942
EV3-Neg_str	BOBJ1	208.55	After	Interior Girder 5	38.34	0.95	1	1	19.134299
EV3-Neg_str	BOBJ1	208.55	After	Interior Girder 6	38.34	0.95	1	1	17.626391
EV3-Neg_str	BOBJ1	208.55	After	Right Exterior Girder	38.34	0.95	1	1	16.145136
EV3-Neg_str	BOBJ1	215.1233	Before	Left Exterior Girder	44.9133	0.95	1	1	22.964524
EV3-Neg_str	BOBJ1	215.1233	Before	Interior Girder 1	44.9133	0.95	1	1	24.892844
EV3-Neg_str	BOBJ1	215.1233	Before	Interior Girder 2	44.9133	0.95	1	1	27.852204
EV3-Neg_str	BOBJ1	215.1233	Before	Interior Girder 3	44.9133	0.95	1	1	29.272854
EV3-Neg_str	BOBJ1	215.1233	Before	Interior Girder 4	44.9133	0.95	1	1	29.272854
EV3-Neg_str	BOBJ1	215.1233	Before	Interior Girder 5	44.9133	0.95	1	1	27.852204
EV3-Neg_str	BOBJ1	215.1233	Before	Interior Girder 6	44.9133	0.95	1	1	24.892844
EV3-Neg_str	BOBJ1	215.1233	Before	Right Exterior Girder	44.9133	0.95	1	1	22.964524
EV3-Neg_str	BOBJ1	215.1233	After	Left Exterior Girder	44.9133	0.95	1	1	23.476779
EV3-Neg_str	BOBJ1	215.1233	After	Interior Girder 1	44.9133	0.95	1	1	25.412673
EV3-Neg_str	BOBJ1	215.1233	After	Interior Girder 2	44.9133	0.95	1	1	27.704701
EV3-Neg_str	BOBJ1	215.1233	After	Interior Girder 3	44.9133	0.95	1	1	28.367597
EV3-Neg_str	BOBJ1	215.1233	After	Interior Girder 4	44.9133	0.95	1	1	28.367597
EV3-Neg_str	BOBJ1	215.1233	After	Interior Girder 5	44.9133	0.95	1	1	27.704701
EV3-Neg_str	BOBJ1	215.1233	After	Interior Girder 6	44.9133	0.95	1	1	25.412673
EV3-Neg_str	BOBJ1	215.1233	After	Right Exterior Girder	44.9133	0.95	1	1	23.476779
EV3-Neg_str	BOBJ1	221.6967	Before	Left Exterior Girder	51.4867	0.95	1	1	42.921938
EV3-Neg_str	BOBJ1	221.6967	Before	Interior Girder 1	51.4867	0.95	1	1	45.559491
EV3-Neg_str	BOBJ1	221.6967	Before	Interior Girder 2	51.4867	0.95	1	1	51.853275
EV3-Neg_str	BOBJ1	221.6967	Before	Interior Girder 3	51.4867	0.95	1	1	54.002793
EV3-Neg_str	BOBJ1	221.6967	Before	Interior Girder 4	51.4867	0.95	1	1	54.002793
EV3-Neg_str	BOBJ1	221.6967	Before	Interior Girder 5	51.4867	0.95	1	1	51.853275
EV3-Neg_str	BOBJ1	221.6967	Before	Interior Girder 6	51.4867	0.95	1	1	45.559491
EV3-Neg_str	BOBJ1	221.6967	Before	Right Exterior Girder	51.4867	0.95	1	1	42.921938
EV3-Neg_str	BOBJ1	221.6967	After	Left Exterior Girder	51.4867	0.95	1	1	42.97052
EV3-Neg_str	BOBJ1	221.6967	After	Interior Girder 1	51.4867	0.95	1	1	47.480995
EV3-Neg_str	BOBJ1	221.6967	After	Interior Girder 2	51.4867	0.95	1	1	51.450401
EV3-Neg_str	BOBJ1	221.6967	After	Interior Girder 3	51.4867	0.95	1	1	51.798499
EV3-Neg_str	BOBJ1	221.6967	After	Interior Girder 4	51.4867	0.95	1	1	51.798499
EV3-Neg_str	BOBJ1	221.6967	After	Interior Girder 5	51.4867	0.95	1	1	51.450401
EV3-Neg_str	BOBJ1	221.6967	After	Interior Girder 6	51.4867	0.95	1	1	47.480995
EV3-Neg_str	BOBJ1	221.6967	After	Right Exterior Girder	51.4867	0.95	1	1	42.97052
EV3-Neg_str	BOBJ1	228.27	Before	Left Exterior Girder	58.06	0.95	1	1	357.489297
EV3-Neg_str	BOBJ1	228.27	Before	Interior Girder 1	58.06	0.95	1	1	327.871294
EV3-Neg_str	BOBJ1	228.27	Before	Interior Girder 2	58.06	0.95	1	1	179.841324
EV3-Neg_str	BOBJ1	228.27	Before	Interior Girder 3	58.06	0.95	1	1	133.234849
EV3-Neg_str	BOBJ1	228.27	Before	Interior Girder 4	58.06	0.95	1	1	133.234848
EV3-Neg_str	BOBJ1	228.27	Before	Interior Girder 5	58.06	0.95	1	1	179.841323
EV3-Neg_str	BOBJ1	228.27	Before	Interior Girder 6	58.06	0.95	1	1	327.871294

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelINonCompStrgth-Flx - Approach, Span 16-19									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
EV3-Neg_str	BOBJ1	228.27	Before	Right Exterior Girder	58.06	0.95	1	1	357.489297
Gravel Truck_str	BOBJ1	0	After	Left Exterior Girder	0	0.95	1	1	364.927785
Gravel Truck_str	BOBJ1	0	After	Interior Girder 1	0	0.95	1	1	343.919934
Gravel Truck_str	BOBJ1	0	After	Interior Girder 2	0	0.95	1	1	201.976756
Gravel Truck_str	BOBJ1	0	After	Interior Girder 3	0	0.95	1	1	160.437233
Gravel Truck_str	BOBJ1	0	After	Interior Girder 4	0	0.95	1	1	160.437233
Gravel Truck_str	BOBJ1	0	After	Interior Girder 5	0	0.95	1	1	201.976758
Gravel Truck_str	BOBJ1	0	After	Interior Girder 6	0	0.95	1	1	343.919934
Gravel Truck_str	BOBJ1	0	After	Right Exterior Girder	0	0.95	1	1	364.927785
Gravel Truck_str	BOBJ1	5.3833	Before	Left Exterior Girder	5.3833	0.95	1	1	5.263032
Gravel Truck_str	BOBJ1	5.3833	Before	Interior Girder 1	5.3833	0.95	1	1	3.349144
Gravel Truck_str	BOBJ1	5.3833	Before	Interior Girder 2	5.3833	0.95	1	1	3.135059
Gravel Truck_str	BOBJ1	5.3833	Before	Interior Girder 3	5.3833	0.95	1	1	2.74716
Gravel Truck_str	BOBJ1	5.3833	Before	Interior Girder 4	5.3833	0.95	1	1	2.74716
Gravel Truck_str	BOBJ1	5.3833	Before	Interior Girder 5	5.3833	0.95	1	1	3.135059
Gravel Truck_str	BOBJ1	5.3833	Before	Interior Girder 6	5.3833	0.95	1	1	3.349144
Gravel Truck_str	BOBJ1	5.3833	Before	Right Exterior Girder	5.3833	0.95	1	1	5.263032
Gravel Truck_str	BOBJ1	5.3833	After	Left Exterior Girder	5.3833	0.95	1	1	5.321992
Gravel Truck_str	BOBJ1	5.3833	After	Interior Girder 1	5.3833	0.95	1	1	3.360303
Gravel Truck_str	BOBJ1	5.3833	After	Interior Girder 2	5.3833	0.95	1	1	3.188339
Gravel Truck_str	BOBJ1	5.3833	After	Interior Girder 3	5.3833	0.95	1	1	2.848189
Gravel Truck_str	BOBJ1	5.3833	After	Interior Girder 4	5.3833	0.95	1	1	2.848189
Gravel Truck_str	BOBJ1	5.3833	After	Interior Girder 5	5.3833	0.95	1	1	3.188339
Gravel Truck_str	BOBJ1	5.3833	After	Interior Girder 6	5.3833	0.95	1	1	3.360303
Gravel Truck_str	BOBJ1	5.3833	After	Right Exterior Girder	5.3833	0.95	1	1	5.321992
Gravel Truck_str	BOBJ1	10.7667	Before	Left Exterior Girder	10.7667	0.95	1	1	2.868036
Gravel Truck_str	BOBJ1	10.7667	Before	Interior Girder 1	10.7667	0.95	1	1	2.119445
Gravel Truck_str	BOBJ1	10.7667	Before	Interior Girder 2	10.7667	0.95	1	1	1.969083
Gravel Truck_str	BOBJ1	10.7667	Before	Interior Girder 3	10.7667	0.95	1	1	1.848898
Gravel Truck_str	BOBJ1	10.7667	Before	Interior Girder 4	10.7667	0.95	1	1	1.848898
Gravel Truck_str	BOBJ1	10.7667	Before	Interior Girder 5	10.7667	0.95	1	1	1.969083
Gravel Truck_str	BOBJ1	10.7667	Before	Interior Girder 6	10.7667	0.95	1	1	2.119445
Gravel Truck_str	BOBJ1	10.7667	Before	Right Exterior Girder	10.7667	0.95	1	1	2.868036
Gravel Truck_str	BOBJ1	10.7667	After	Left Exterior Girder	10.7667	0.95	1	1	2.852517
Gravel Truck_str	BOBJ1	10.7667	After	Interior Girder 1	10.7667	0.95	1	1	2.123646
Gravel Truck_str	BOBJ1	10.7667	After	Interior Girder 2	10.7667	0.95	1	1	1.995626
Gravel Truck_str	BOBJ1	10.7667	After	Interior Girder 3	10.7667	0.95	1	1	1.878515
Gravel Truck_str	BOBJ1	10.7667	After	Interior Girder 4	10.7667	0.95	1	1	1.878515
Gravel Truck_str	BOBJ1	10.7667	After	Interior Girder 5	10.7667	0.95	1	1	1.995626
Gravel Truck_str	BOBJ1	10.7667	After	Interior Girder 6	10.7667	0.95	1	1	2.123646
Gravel Truck_str	BOBJ1	10.7667	After	Right Exterior Girder	10.7667	0.95	1	1	2.852517
Gravel Truck_str	BOBJ1	16.15	Before	Left Exterior Girder	16.15	0.95	1	1	2.149679
Gravel Truck_str	BOBJ1	16.15	Before	Interior Girder 1	16.15	0.95	1	1	1.868846
Gravel Truck_str	BOBJ1	16.15	Before	Interior Girder 2	16.15	0.95	1	1	1.741998
Gravel Truck_str	BOBJ1	16.15	Before	Interior Girder 3	16.15	0.95	1	1	1.688538
Gravel Truck_str	BOBJ1	16.15	Before	Interior Girder 4	16.15	0.95	1	1	1.688538
Gravel Truck_str	BOBJ1	16.15	Before	Interior Girder 5	16.15	0.95	1	1	1.741998
Gravel Truck_str	BOBJ1	16.15	Before	Interior Girder 6	16.15	0.95	1	1	1.868846
Gravel Truck_str	BOBJ1	16.15	Before	Right Exterior Girder	16.15	0.95	1	1	2.149679
Gravel Truck_str	BOBJ1	16.15	After	Left Exterior Girder	16.15	0.95	1	1	2.156999
Gravel Truck_str	BOBJ1	16.15	After	Interior Girder 1	16.15	0.95	1	1	1.862087
Gravel Truck_str	BOBJ1	16.15	After	Interior Girder 2	16.15	0.95	1	1	1.745079
Gravel Truck_str	BOBJ1	16.15	After	Interior Girder 3	16.15	0.95	1	1	1.692997
Gravel Truck_str	BOBJ1	16.15	After	Interior Girder 4	16.15	0.95	1	1	1.692997
Gravel Truck_str	BOBJ1	16.15	After	Interior Girder 5	16.15	0.95	1	1	1.745079
Gravel Truck_str	BOBJ1	16.15	After	Interior Girder 6	16.15	0.95	1	1	1.862087
Gravel Truck_str	BOBJ1	16.15	After	Right Exterior Girder	16.15	0.95	1	1	2.156999
Gravel Truck_str	BOBJ1	22.1267	Before	Left Exterior Girder	22.1267	0.95	1	1	2.388046
Gravel Truck_str	BOBJ1	22.1267	Before	Interior Girder 1	22.1267	0.95	1	1	1.815126
Gravel Truck_str	BOBJ1	22.1267	Before	Interior Girder 2	22.1267	0.95	1	1	1.714296
Gravel Truck_str	BOBJ1	22.1267	Before	Interior Girder 3	22.1267	0.95	1	1	1.636144
Gravel Truck_str	BOBJ1	22.1267	Before	Interior Girder 4	22.1267	0.95	1	1	1.636144
Gravel Truck_str	BOBJ1	22.1267	Before	Interior Girder 5	22.1267	0.95	1	1	1.714296
Gravel Truck_str	BOBJ1	22.1267	Before	Interior Girder 6	22.1267	0.95	1	1	1.815126
Gravel Truck_str	BOBJ1	22.1267	Before	Right Exterior Girder	22.1267	0.95	1	1	2.388046

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelINonCompStrgth-Flx - Approach, Span 16-19									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Gravel Truck_str	BOBJ1	22.1267	After	Left Exterior Girder	22.1267	0.95	1	1	2.40195
Gravel Truck_str	BOBJ1	22.1267	After	Interior Girder 1	22.1267	0.95	1	1	1.809484
Gravel Truck_str	BOBJ1	22.1267	After	Interior Girder 2	22.1267	0.95	1	1	1.705798
Gravel Truck_str	BOBJ1	22.1267	After	Interior Girder 3	22.1267	0.95	1	1	1.626489
Gravel Truck_str	BOBJ1	22.1267	After	Interior Girder 4	22.1267	0.95	1	1	1.626489
Gravel Truck_str	BOBJ1	22.1267	After	Interior Girder 5	22.1267	0.95	1	1	1.705798
Gravel Truck_str	BOBJ1	22.1267	After	Interior Girder 6	22.1267	0.95	1	1	1.809484
Gravel Truck_str	BOBJ1	22.1267	After	Right Exterior Girder	22.1267	0.95	1	1	2.40195
Gravel Truck_str	BOBJ1	28.1033	Before	Left Exterior Girder	28.1033	0.95	1	1	3.031786
Gravel Truck_str	BOBJ1	28.1033	Before	Interior Girder 1	28.1033	0.95	1	1	2.168518
Gravel Truck_str	BOBJ1	28.1033	Before	Interior Girder 2	28.1033	0.95	1	1	2.041957
Gravel Truck_str	BOBJ1	28.1033	Before	Interior Girder 3	28.1033	0.95	1	1	1.964745
Gravel Truck_str	BOBJ1	28.1033	Before	Interior Girder 4	28.1033	0.95	1	1	1.964745
Gravel Truck_str	BOBJ1	28.1033	Before	Interior Girder 5	28.1033	0.95	1	1	2.041957
Gravel Truck_str	BOBJ1	28.1033	Before	Interior Girder 6	28.1033	0.95	1	1	2.168518
Gravel Truck_str	BOBJ1	28.1033	Before	Right Exterior Girder	28.1033	0.95	1	1	3.031786
Gravel Truck_str	BOBJ1	28.1033	After	Left Exterior Girder	28.1033	0.95	1	1	2.992568
Gravel Truck_str	BOBJ1	28.1033	After	Interior Girder 1	28.1033	0.95	1	1	2.190858
Gravel Truck_str	BOBJ1	28.1033	After	Interior Girder 2	28.1033	0.95	1	1	2.04463
Gravel Truck_str	BOBJ1	28.1033	After	Interior Girder 3	28.1033	0.95	1	1	1.950898
Gravel Truck_str	BOBJ1	28.1033	After	Interior Girder 4	28.1033	0.95	1	1	1.950898
Gravel Truck_str	BOBJ1	28.1033	After	Interior Girder 5	28.1033	0.95	1	1	2.04463
Gravel Truck_str	BOBJ1	28.1033	After	Interior Girder 6	28.1033	0.95	1	1	2.190858
Gravel Truck_str	BOBJ1	28.1033	After	Right Exterior Girder	28.1033	0.95	1	1	2.992568
Gravel Truck_str	BOBJ1	34.08	Before	Left Exterior Girder	34.08	0.95	1	1	3.561386
Gravel Truck_str	BOBJ1	34.08	Before	Interior Girder 1	34.08	0.95	1	1	3.620662
Gravel Truck_str	BOBJ1	34.08	Before	Interior Girder 2	34.08	0.95	1	1	3.387233
Gravel Truck_str	BOBJ1	34.08	Before	Interior Girder 3	34.08	0.95	1	1	3.313552
Gravel Truck_str	BOBJ1	34.08	Before	Interior Girder 4	34.08	0.95	1	1	3.313552
Gravel Truck_str	BOBJ1	34.08	Before	Interior Girder 5	34.08	0.95	1	1	3.387233
Gravel Truck_str	BOBJ1	34.08	Before	Interior Girder 6	34.08	0.95	1	1	3.620662
Gravel Truck_str	BOBJ1	34.08	Before	Right Exterior Girder	34.08	0.95	1	1	3.561386
Gravel Truck_str	BOBJ1	34.08	After	Left Exterior Girder	34.08	0.95	1	1	3.379328
Gravel Truck_str	BOBJ1	34.08	After	Interior Girder 1	34.08	0.95	1	1	3.582227
Gravel Truck_str	BOBJ1	34.08	After	Interior Girder 2	34.08	0.95	1	1	3.380057
Gravel Truck_str	BOBJ1	34.08	After	Interior Girder 3	34.08	0.95	1	1	3.262085
Gravel Truck_str	BOBJ1	34.08	After	Interior Girder 4	34.08	0.95	1	1	3.262085
Gravel Truck_str	BOBJ1	34.08	After	Interior Girder 5	34.08	0.95	1	1	3.380057
Gravel Truck_str	BOBJ1	34.08	After	Interior Girder 6	34.08	0.95	1	1	3.582227
Gravel Truck_str	BOBJ1	34.08	After	Right Exterior Girder	34.08	0.95	1	1	3.379328
Gravel Truck_str	BOBJ1	39.855	Before	Left Exterior Girder	39.855	0.95	1	1	2.126501
Gravel Truck_str	BOBJ1	39.855	Before	Interior Girder 1	39.855	0.95	1	1	2.65569
Gravel Truck_str	BOBJ1	39.855	Before	Interior Girder 2	39.855	0.95	1	1	2.636876
Gravel Truck_str	BOBJ1	39.855	Before	Interior Girder 3	39.855	0.95	1	1	2.525291
Gravel Truck_str	BOBJ1	39.855	Before	Interior Girder 4	39.855	0.95	1	1	2.525291
Gravel Truck_str	BOBJ1	39.855	Before	Interior Girder 5	39.855	0.95	1	1	2.636876
Gravel Truck_str	BOBJ1	39.855	Before	Interior Girder 6	39.855	0.95	1	1	2.65569
Gravel Truck_str	BOBJ1	39.855	Before	Right Exterior Girder	39.855	0.95	1	1	2.126501
Gravel Truck_str	BOBJ1	39.855	After	Left Exterior Girder	39.855	0.95	1	1	2.16899
Gravel Truck_str	BOBJ1	39.855	After	Interior Girder 1	39.855	0.95	1	1	2.615449
Gravel Truck_str	BOBJ1	39.855	After	Interior Girder 2	39.855	0.95	1	1	2.6036
Gravel Truck_str	BOBJ1	39.855	After	Interior Girder 3	39.855	0.95	1	1	2.512107
Gravel Truck_str	BOBJ1	39.855	After	Interior Girder 4	39.855	0.95	1	1	2.512107
Gravel Truck_str	BOBJ1	39.855	After	Interior Girder 5	39.855	0.95	1	1	2.6036
Gravel Truck_str	BOBJ1	39.855	After	Interior Girder 6	39.855	0.95	1	1	2.615449
Gravel Truck_str	BOBJ1	39.855	After	Right Exterior Girder	39.855	0.95	1	1	2.16899
Gravel Truck_str	BOBJ1	40.0288	Before	Left Exterior Girder	40.0288	0.95	1	1	2.120764
Gravel Truck_str	BOBJ1	40.0288	Before	Right Exterior Girder	40.0288	0.95	1	1	2.120764
Gravel Truck_str	BOBJ1	40.0288	After	Left Exterior Girder	40.0288	0.95	1	1	3.135948
Gravel Truck_str	BOBJ1	40.0288	After	Right Exterior Girder	40.0288	0.95	1	1	3.135948
Gravel Truck_str	BOBJ1	45.63	Before	Left Exterior Girder	45.63	0.95	1	1	1.947494
Gravel Truck_str	BOBJ1	45.63	Before	Interior Girder 1	45.63	0.95	1	1	1.814693
Gravel Truck_str	BOBJ1	45.63	Before	Interior Girder 2	45.63	0.95	1	1	1.817596
Gravel Truck_str	BOBJ1	45.63	Before	Interior Girder 3	45.63	0.95	1	1	1.549528
Gravel Truck_str	BOBJ1	45.63	Before	Interior Girder 4	45.63	0.95	1	1	1.549528

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelINonCompStrgth-Flx - Approach, Span 16-19									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Gravel Truck_str	BOBJ1	45.63	Before	Interior Girder 5	45.63	0.95	1	1	1.817596
Gravel Truck_str	BOBJ1	45.63	Before	Interior Girder 6	45.63	0.95	1	1	1.814693
Gravel Truck_str	BOBJ1	45.63	Before	Right Exterior Girder	45.63	0.95	1	1	1.947494
Gravel Truck_str	BOBJ1	45.63	After	Left Exterior Girder	0	0.95	1	1	1.936206
Gravel Truck_str	BOBJ1	45.63	After	Interior Girder 1	0	0.95	1	1	1.644251
Gravel Truck_str	BOBJ1	45.63	After	Interior Girder 2	0	0.95	1	1	1.620737
Gravel Truck_str	BOBJ1	45.63	After	Interior Girder 3	0	0.95	1	1	1.333493
Gravel Truck_str	BOBJ1	45.63	After	Interior Girder 4	0	0.95	1	1	1.333493
Gravel Truck_str	BOBJ1	45.63	After	Interior Girder 5	0	0.95	1	1	1.620737
Gravel Truck_str	BOBJ1	45.63	After	Interior Girder 6	0	0.95	1	1	1.644251
Gravel Truck_str	BOBJ1	45.63	After	Right Exterior Girder	0	0.95	1	1	1.936206
Gravel Truck_str	BOBJ1	50.6298	Before	Left Exterior Girder	4.9998	0.95	1	1	5.36158
Gravel Truck_str	BOBJ1	50.6298	Before	Right Exterior Girder	4.9998	0.95	1	1	5.36158
Gravel Truck_str	BOBJ1	50.6298	After	Left Exterior Girder	4.9998	0.95	1	1	3.434629
Gravel Truck_str	BOBJ1	50.6298	After	Right Exterior Girder	4.9998	0.95	1	1	3.434629
Gravel Truck_str	BOBJ1	51.4	Before	Left Exterior Girder	5.77	0.95	1	1	4.063437
Gravel Truck_str	BOBJ1	51.4	Before	Interior Girder 1	5.77	0.95	1	1	4.414497
Gravel Truck_str	BOBJ1	51.4	Before	Interior Girder 2	5.77	0.95	1	1	4.110699
Gravel Truck_str	BOBJ1	51.4	Before	Interior Girder 3	5.77	0.95	1	1	3.803243
Gravel Truck_str	BOBJ1	51.4	Before	Interior Girder 4	5.77	0.95	1	1	3.803243
Gravel Truck_str	BOBJ1	51.4	Before	Interior Girder 5	5.77	0.95	1	1	4.110699
Gravel Truck_str	BOBJ1	51.4	Before	Interior Girder 6	5.77	0.95	1	1	4.414497
Gravel Truck_str	BOBJ1	51.4	Before	Right Exterior Girder	5.77	0.95	1	1	4.063437
Gravel Truck_str	BOBJ1	51.4	After	Left Exterior Girder	5.77	0.95	1	1	3.971867
Gravel Truck_str	BOBJ1	51.4	After	Interior Girder 1	5.77	0.95	1	1	4.495277
Gravel Truck_str	BOBJ1	51.4	After	Interior Girder 2	5.77	0.95	1	1	4.156435
Gravel Truck_str	BOBJ1	51.4	After	Interior Girder 3	5.77	0.95	1	1	3.844993
Gravel Truck_str	BOBJ1	51.4	After	Interior Girder 4	5.77	0.95	1	1	3.844993
Gravel Truck_str	BOBJ1	51.4	After	Interior Girder 5	5.77	0.95	1	1	4.156435
Gravel Truck_str	BOBJ1	51.4	After	Interior Girder 6	5.77	0.95	1	1	4.495277
Gravel Truck_str	BOBJ1	51.4	After	Right Exterior Girder	5.77	0.95	1	1	3.971867
Gravel Truck_str	BOBJ1	57.17	Before	Left Exterior Girder	11.54	0.95	1	1	5.823116
Gravel Truck_str	BOBJ1	57.17	Before	Interior Girder 1	11.54	0.95	1	1	4.409644
Gravel Truck_str	BOBJ1	57.17	Before	Interior Girder 2	11.54	0.95	1	1	3.793522
Gravel Truck_str	BOBJ1	57.17	Before	Interior Girder 3	11.54	0.95	1	1	3.645984
Gravel Truck_str	BOBJ1	57.17	Before	Interior Girder 4	11.54	0.95	1	1	3.645984
Gravel Truck_str	BOBJ1	57.17	Before	Interior Girder 5	11.54	0.95	1	1	3.793522
Gravel Truck_str	BOBJ1	57.17	Before	Interior Girder 6	11.54	0.95	1	1	4.409644
Gravel Truck_str	BOBJ1	57.17	Before	Right Exterior Girder	11.54	0.95	1	1	5.823116
Gravel Truck_str	BOBJ1	57.17	After	Left Exterior Girder	11.54	0.95	1	1	5.93116
Gravel Truck_str	BOBJ1	57.17	After	Interior Girder 1	11.54	0.95	1	1	4.355708
Gravel Truck_str	BOBJ1	57.17	After	Interior Girder 2	11.54	0.95	1	1	3.781474
Gravel Truck_str	BOBJ1	57.17	After	Interior Girder 3	11.54	0.95	1	1	3.711025
Gravel Truck_str	BOBJ1	57.17	After	Interior Girder 4	11.54	0.95	1	1	3.711025
Gravel Truck_str	BOBJ1	57.17	After	Interior Girder 5	11.54	0.95	1	1	3.781474
Gravel Truck_str	BOBJ1	57.17	After	Interior Girder 6	11.54	0.95	1	1	4.355708
Gravel Truck_str	BOBJ1	57.17	After	Right Exterior Girder	11.54	0.95	1	1	5.93116
Gravel Truck_str	BOBJ1	63.34	Before	Left Exterior Girder	17.71	0.95	1	1	2.874528
Gravel Truck_str	BOBJ1	63.34	Before	Interior Girder 1	17.71	0.95	1	1	2.132875
Gravel Truck_str	BOBJ1	63.34	Before	Interior Girder 2	17.71	0.95	1	1	1.990786
Gravel Truck_str	BOBJ1	63.34	Before	Interior Girder 3	17.71	0.95	1	1	1.906746
Gravel Truck_str	BOBJ1	63.34	Before	Interior Girder 4	17.71	0.95	1	1	1.906746
Gravel Truck_str	BOBJ1	63.34	Before	Interior Girder 5	17.71	0.95	1	1	1.990786
Gravel Truck_str	BOBJ1	63.34	Before	Interior Girder 6	17.71	0.95	1	1	2.132875
Gravel Truck_str	BOBJ1	63.34	Before	Right Exterior Girder	17.71	0.95	1	1	2.874528
Gravel Truck_str	BOBJ1	63.34	After	Left Exterior Girder	17.71	0.95	1	1	2.958271
Gravel Truck_str	BOBJ1	63.34	After	Interior Girder 1	17.71	0.95	1	1	2.09633
Gravel Truck_str	BOBJ1	63.34	After	Interior Girder 2	17.71	0.95	1	1	1.980386
Gravel Truck_str	BOBJ1	63.34	After	Interior Girder 3	17.71	0.95	1	1	1.926328
Gravel Truck_str	BOBJ1	63.34	After	Interior Girder 4	17.71	0.95	1	1	1.926328
Gravel Truck_str	BOBJ1	63.34	After	Interior Girder 5	17.71	0.95	1	1	1.980386
Gravel Truck_str	BOBJ1	63.34	After	Interior Girder 6	17.71	0.95	1	1	2.09633
Gravel Truck_str	BOBJ1	63.34	After	Right Exterior Girder	17.71	0.95	1	1	2.958271
Gravel Truck_str	BOBJ1	69.51	Before	Left Exterior Girder	23.88	0.95	1	1	1.830324
Gravel Truck_str	BOBJ1	69.51	Before	Interior Girder 1	23.88	0.95	1	1	1.495982

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelINonCompStrgth-Flx - Approach, Span 16-19									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Gravel Truck_str	BOBJ1	69.51	Before	Interior Girder 2	23.88	0.95	1	1	1.443036
Gravel Truck_str	BOBJ1	69.51	Before	Interior Girder 3	23.88	0.95	1	1	1.410517
Gravel Truck_str	BOBJ1	69.51	Before	Interior Girder 4	23.88	0.95	1	1	1.410517
Gravel Truck_str	BOBJ1	69.51	Before	Interior Girder 5	23.88	0.95	1	1	1.443036
Gravel Truck_str	BOBJ1	69.51	Before	Interior Girder 6	23.88	0.95	1	1	1.495982
Gravel Truck_str	BOBJ1	69.51	Before	Right Exterior Girder	23.88	0.95	1	1	1.830324
Gravel Truck_str	BOBJ1	69.51	After	Left Exterior Girder	23.88	0.95	1	1	1.843745
Gravel Truck_str	BOBJ1	69.51	After	Interior Girder 1	23.88	0.95	1	1	1.493837
Gravel Truck_str	BOBJ1	69.51	After	Interior Girder 2	23.88	0.95	1	1	1.450144
Gravel Truck_str	BOBJ1	69.51	After	Interior Girder 3	23.88	0.95	1	1	1.42314
Gravel Truck_str	BOBJ1	69.51	After	Interior Girder 4	23.88	0.95	1	1	1.42314
Gravel Truck_str	BOBJ1	69.51	After	Interior Girder 5	23.88	0.95	1	1	1.450144
Gravel Truck_str	BOBJ1	69.51	After	Interior Girder 6	23.88	0.95	1	1	1.493837
Gravel Truck_str	BOBJ1	69.51	After	Right Exterior Girder	23.88	0.95	1	1	1.843745
Gravel Truck_str	BOBJ1	75.68	Before	Left Exterior Girder	30.05	0.95	1	1	1.397163
Gravel Truck_str	BOBJ1	75.68	Before	Interior Girder 1	30.05	0.95	1	1	1.341253
Gravel Truck_str	BOBJ1	75.68	Before	Interior Girder 2	30.05	0.95	1	1	1.318106
Gravel Truck_str	BOBJ1	75.68	Before	Interior Girder 3	30.05	0.95	1	1	1.326842
Gravel Truck_str	BOBJ1	75.68	Before	Interior Girder 4	30.05	0.95	1	1	1.326842
Gravel Truck_str	BOBJ1	75.68	Before	Interior Girder 5	30.05	0.95	1	1	1.318106
Gravel Truck_str	BOBJ1	75.68	Before	Interior Girder 6	30.05	0.95	1	1	1.341253
Gravel Truck_str	BOBJ1	75.68	Before	Right Exterior Girder	30.05	0.95	1	1	1.397163
Gravel Truck_str	BOBJ1	75.68	After	Left Exterior Girder	30.05	0.95	1	1	1.406767
Gravel Truck_str	BOBJ1	75.68	After	Interior Girder 1	30.05	0.95	1	1	1.337473
Gravel Truck_str	BOBJ1	75.68	After	Interior Girder 2	30.05	0.95	1	1	1.315258
Gravel Truck_str	BOBJ1	75.68	After	Interior Girder 3	30.05	0.95	1	1	1.327715
Gravel Truck_str	BOBJ1	75.68	After	Interior Girder 4	30.05	0.95	1	1	1.327715
Gravel Truck_str	BOBJ1	75.68	After	Interior Girder 5	30.05	0.95	1	1	1.315258
Gravel Truck_str	BOBJ1	75.68	After	Interior Girder 6	30.05	0.95	1	1	1.337473
Gravel Truck_str	BOBJ1	75.68	After	Right Exterior Girder	30.05	0.95	1	1	1.406767
Gravel Truck_str	BOBJ1	81.8467	Before	Left Exterior Girder	36.2167	0.95	1	1	1.458508
Gravel Truck_str	BOBJ1	81.8467	Before	Interior Girder 1	36.2167	0.95	1	1	1.248807
Gravel Truck_str	BOBJ1	81.8467	Before	Interior Girder 2	36.2167	0.95	1	1	1.233763
Gravel Truck_str	BOBJ1	81.8467	Before	Interior Girder 3	36.2167	0.95	1	1	1.214852
Gravel Truck_str	BOBJ1	81.8467	Before	Interior Girder 4	36.2167	0.95	1	1	1.214852
Gravel Truck_str	BOBJ1	81.8467	Before	Interior Girder 5	36.2167	0.95	1	1	1.233763
Gravel Truck_str	BOBJ1	81.8467	Before	Interior Girder 6	36.2167	0.95	1	1	1.248807
Gravel Truck_str	BOBJ1	81.8467	Before	Right Exterior Girder	36.2167	0.95	1	1	1.458508
Gravel Truck_str	BOBJ1	81.8467	After	Left Exterior Girder	36.2167	0.95	1	1	1.46285
Gravel Truck_str	BOBJ1	81.8467	After	Interior Girder 1	36.2167	0.95	1	1	1.243463
Gravel Truck_str	BOBJ1	81.8467	After	Interior Girder 2	36.2167	0.95	1	1	1.226685
Gravel Truck_str	BOBJ1	81.8467	After	Interior Girder 3	36.2167	0.95	1	1	1.208159
Gravel Truck_str	BOBJ1	81.8467	After	Interior Girder 4	36.2167	0.95	1	1	1.208159
Gravel Truck_str	BOBJ1	81.8467	After	Interior Girder 5	36.2167	0.95	1	1	1.226685
Gravel Truck_str	BOBJ1	81.8467	After	Interior Girder 6	36.2167	0.95	1	1	1.243463
Gravel Truck_str	BOBJ1	81.8467	After	Right Exterior Girder	36.2167	0.95	1	1	1.46285
Gravel Truck_str	BOBJ1	88.0133	Before	Left Exterior Girder	42.3833	0.95	1	1	1.753227
Gravel Truck_str	BOBJ1	88.0133	Before	Interior Girder 1	42.3833	0.95	1	1	1.419624
Gravel Truck_str	BOBJ1	88.0133	Before	Interior Girder 2	42.3833	0.95	1	1	1.386262
Gravel Truck_str	BOBJ1	88.0133	Before	Interior Girder 3	42.3833	0.95	1	1	1.361858
Gravel Truck_str	BOBJ1	88.0133	Before	Interior Girder 4	42.3833	0.95	1	1	1.361858
Gravel Truck_str	BOBJ1	88.0133	Before	Interior Girder 5	42.3833	0.95	1	1	1.386262
Gravel Truck_str	BOBJ1	88.0133	Before	Interior Girder 6	42.3833	0.95	1	1	1.419624
Gravel Truck_str	BOBJ1	88.0133	Before	Right Exterior Girder	42.3833	0.95	1	1	1.753227
Gravel Truck_str	BOBJ1	88.0133	After	Left Exterior Girder	42.3833	0.95	1	1	1.716888
Gravel Truck_str	BOBJ1	88.0133	After	Interior Girder 1	42.3833	0.95	1	1	1.437821
Gravel Truck_str	BOBJ1	88.0133	After	Interior Girder 2	42.3833	0.95	1	1	1.395899
Gravel Truck_str	BOBJ1	88.0133	After	Interior Girder 3	42.3833	0.95	1	1	1.357858
Gravel Truck_str	BOBJ1	88.0133	After	Interior Girder 4	42.3833	0.95	1	1	1.357858
Gravel Truck_str	BOBJ1	88.0133	After	Interior Girder 5	42.3833	0.95	1	1	1.395899
Gravel Truck_str	BOBJ1	88.0133	After	Interior Girder 6	42.3833	0.95	1	1	1.437821
Gravel Truck_str	BOBJ1	88.0133	After	Right Exterior Girder	42.3833	0.95	1	1	1.716888
Gravel Truck_str	BOBJ1	94.18	Before	Left Exterior Girder	48.55	0.95	1	1	2.389271
Gravel Truck_str	BOBJ1	94.18	Before	Interior Girder 1	48.55	0.95	1	1	2.116479
Gravel Truck_str	BOBJ1	94.18	Before	Interior Girder 2	48.55	0.95	1	1	1.967642

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelINonCompStrgth-Flx - Approach, Span 16-19									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Gravel Truck_str	BOBJ1	94.18	Before	Interior Girder 3	48.55	0.95	1	1	1.952407
Gravel Truck_str	BOBJ1	94.18	Before	Interior Girder 4	48.55	0.95	1	1	1.952407
Gravel Truck_str	BOBJ1	94.18	Before	Interior Girder 5	48.55	0.95	1	1	1.967642
Gravel Truck_str	BOBJ1	94.18	Before	Interior Girder 6	48.55	0.95	1	1	2.116479
Gravel Truck_str	BOBJ1	94.18	Before	Right Exterior Girder	48.55	0.95	1	1	2.389271
Gravel Truck_str	BOBJ1	94.18	After	Left Exterior Girder	48.55	0.95	1	1	2.339246
Gravel Truck_str	BOBJ1	94.18	After	Interior Girder 1	48.55	0.95	1	1	2.140688
Gravel Truck_str	BOBJ1	94.18	After	Interior Girder 2	48.55	0.95	1	1	1.974499
Gravel Truck_str	BOBJ1	94.18	After	Interior Girder 3	48.55	0.95	1	1	1.934157
Gravel Truck_str	BOBJ1	94.18	After	Interior Girder 4	48.55	0.95	1	1	1.934157
Gravel Truck_str	BOBJ1	94.18	After	Interior Girder 5	48.55	0.95	1	1	1.974499
Gravel Truck_str	BOBJ1	94.18	After	Interior Girder 6	48.55	0.95	1	1	2.140688
Gravel Truck_str	BOBJ1	94.18	After	Right Exterior Girder	48.55	0.95	1	1	2.339246
Gravel Truck_str	BOBJ1	100.3567	Before	Left Exterior Girder	54.7267	0.95	1	1	4.734139
Gravel Truck_str	BOBJ1	100.3567	Before	Interior Girder 1	54.7267	0.95	1	1	3.383111
Gravel Truck_str	BOBJ1	100.3567	Before	Interior Girder 2	54.7267	0.95	1	1	3.093465
Gravel Truck_str	BOBJ1	100.3567	Before	Interior Girder 3	54.7267	0.95	1	1	3.006535
Gravel Truck_str	BOBJ1	100.3567	Before	Interior Girder 4	54.7267	0.95	1	1	3.006535
Gravel Truck_str	BOBJ1	100.3567	Before	Interior Girder 5	54.7267	0.95	1	1	3.093465
Gravel Truck_str	BOBJ1	100.3567	Before	Interior Girder 6	54.7267	0.95	1	1	3.383111
Gravel Truck_str	BOBJ1	100.3567	Before	Right Exterior Girder	54.7267	0.95	1	1	4.734139
Gravel Truck_str	BOBJ1	100.3567	After	Left Exterior Girder	54.7267	0.95	1	1	4.809745
Gravel Truck_str	BOBJ1	100.3567	After	Interior Girder 1	54.7267	0.95	1	1	3.382718
Gravel Truck_str	BOBJ1	100.3567	After	Interior Girder 2	54.7267	0.95	1	1	3.07267
Gravel Truck_str	BOBJ1	100.3567	After	Interior Girder 3	54.7267	0.95	1	1	2.90984
Gravel Truck_str	BOBJ1	100.3567	After	Interior Girder 4	54.7267	0.95	1	1	2.90984
Gravel Truck_str	BOBJ1	100.3567	After	Interior Girder 5	54.7267	0.95	1	1	3.07267
Gravel Truck_str	BOBJ1	100.3567	After	Interior Girder 6	54.7267	0.95	1	1	3.382718
Gravel Truck_str	BOBJ1	100.3567	After	Right Exterior Girder	54.7267	0.95	1	1	4.809745
Gravel Truck_str	BOBJ1	106.5333	Before	Left Exterior Girder	60.9033	0.95	1	1	2.946371
Gravel Truck_str	BOBJ1	106.5333	Before	Interior Girder 1	60.9033	0.95	1	1	3.936853
Gravel Truck_str	BOBJ1	106.5333	Before	Interior Girder 2	60.9033	0.95	1	1	3.699577
Gravel Truck_str	BOBJ1	106.5333	Before	Interior Girder 3	60.9033	0.95	1	1	3.48078
Gravel Truck_str	BOBJ1	106.5333	Before	Interior Girder 4	60.9033	0.95	1	1	3.48078
Gravel Truck_str	BOBJ1	106.5333	Before	Interior Girder 5	60.9033	0.95	1	1	3.699577
Gravel Truck_str	BOBJ1	106.5333	Before	Interior Girder 6	60.9033	0.95	1	1	3.936853
Gravel Truck_str	BOBJ1	106.5333	Before	Right Exterior Girder	60.9033	0.95	1	1	2.946371
Gravel Truck_str	BOBJ1	106.5333	After	Left Exterior Girder	60.9033	0.95	1	1	3.030108
Gravel Truck_str	BOBJ1	106.5333	After	Interior Girder 1	60.9033	0.95	1	1	3.836765
Gravel Truck_str	BOBJ1	106.5333	After	Interior Girder 2	60.9033	0.95	1	1	3.621819
Gravel Truck_str	BOBJ1	106.5333	After	Interior Girder 3	60.9033	0.95	1	1	3.413333
Gravel Truck_str	BOBJ1	106.5333	After	Interior Girder 4	60.9033	0.95	1	1	3.413333
Gravel Truck_str	BOBJ1	106.5333	After	Interior Girder 5	60.9033	0.95	1	1	3.621819
Gravel Truck_str	BOBJ1	106.5333	After	Interior Girder 6	60.9033	0.95	1	1	3.836765
Gravel Truck_str	BOBJ1	106.5333	After	Right Exterior Girder	60.9033	0.95	1	1	3.030108
Gravel Truck_str	BOBJ1	108.2102	Before	Left Exterior Girder	62.5802	0.95	1	1	2.473902
Gravel Truck_str	BOBJ1	108.2102	Before	Right Exterior Girder	62.5802	0.95	1	1	2.473902
Gravel Truck_str	BOBJ1	108.2102	After	Left Exterior Girder	62.5802	0.95	1	1	3.83522
Gravel Truck_str	BOBJ1	108.2102	After	Right Exterior Girder	62.5802	0.95	1	1	3.83522
Gravel Truck_str	BOBJ1	112.71	Before	Left Exterior Girder	67.08	0.95	1	1	1.727139
Gravel Truck_str	BOBJ1	112.71	Before	Interior Girder 1	67.08	0.95	1	1	1.69208
Gravel Truck_str	BOBJ1	112.71	Before	Interior Girder 2	67.08	0.95	1	1	1.657193
Gravel Truck_str	BOBJ1	112.71	Before	Interior Girder 3	67.08	0.95	1	1	1.392985
Gravel Truck_str	BOBJ1	112.71	Before	Interior Girder 4	67.08	0.95	1	1	1.392985
Gravel Truck_str	BOBJ1	112.71	Before	Interior Girder 5	67.08	0.95	1	1	1.657193
Gravel Truck_str	BOBJ1	112.71	Before	Interior Girder 6	67.08	0.95	1	1	1.69208
Gravel Truck_str	BOBJ1	112.71	Before	Right Exterior Girder	67.08	0.95	1	1	1.727139
Gravel Truck_str	BOBJ1	112.71	After	Left Exterior Girder	0	0.95	1	1	1.724171
Gravel Truck_str	BOBJ1	112.71	After	Interior Girder 1	0	0.95	1	1	1.938141
Gravel Truck_str	BOBJ1	112.71	After	Interior Girder 2	0	0.95	1	1	1.79871
Gravel Truck_str	BOBJ1	112.71	After	Interior Girder 3	0	0.95	1	1	1.51695
Gravel Truck_str	BOBJ1	112.71	After	Interior Girder 4	0	0.95	1	1	1.51695
Gravel Truck_str	BOBJ1	112.71	After	Interior Girder 5	0	0.95	1	1	1.79871
Gravel Truck_str	BOBJ1	112.71	After	Interior Girder 6	0	0.95	1	1	1.938141
Gravel Truck_str	BOBJ1	112.71	After	Right Exterior Girder	0	0.95	1	1	1.724171

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelINonCompStrgth-Flx - Approach, Span 16-19									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Gravel Truck_str	BOBJ1	117.21	Before	Left Exterior Girder	4.5	0.95	1	1	2.615938
Gravel Truck_str	BOBJ1	117.21	Before	Right Exterior Girder	4.5	0.95	1	1	2.615938
Gravel Truck_str	BOBJ1	117.21	After	Left Exterior Girder	4.5	0.95	1	1	1.670358
Gravel Truck_str	BOBJ1	117.21	After	Right Exterior Girder	4.5	0.95	1	1	1.670358
Gravel Truck_str	BOBJ1	119.1	Before	Left Exterior Girder	6.39	0.95	1	1	2.063884
Gravel Truck_str	BOBJ1	119.1	Before	Interior Girder 1	6.39	0.95	1	1	2.844082
Gravel Truck_str	BOBJ1	119.1	Before	Interior Girder 2	6.39	0.95	1	1	2.80814
Gravel Truck_str	BOBJ1	119.1	Before	Interior Girder 3	6.39	0.95	1	1	2.715324
Gravel Truck_str	BOBJ1	119.1	Before	Interior Girder 4	6.39	0.95	1	1	2.715324
Gravel Truck_str	BOBJ1	119.1	Before	Interior Girder 5	6.39	0.95	1	1	2.80814
Gravel Truck_str	BOBJ1	119.1	Before	Interior Girder 6	6.39	0.95	1	1	2.844082
Gravel Truck_str	BOBJ1	119.1	Before	Right Exterior Girder	6.39	0.95	1	1	2.063884
Gravel Truck_str	BOBJ1	119.1	After	Left Exterior Girder	6.39	0.95	1	1	2.019013
Gravel Truck_str	BOBJ1	119.1	After	Interior Girder 1	6.39	0.95	1	1	2.89529
Gravel Truck_str	BOBJ1	119.1	After	Interior Girder 2	6.39	0.95	1	1	2.84757
Gravel Truck_str	BOBJ1	119.1	After	Interior Girder 3	6.39	0.95	1	1	2.73192
Gravel Truck_str	BOBJ1	119.1	After	Interior Girder 4	6.39	0.95	1	1	2.73192
Gravel Truck_str	BOBJ1	119.1	After	Interior Girder 5	6.39	0.95	1	1	2.84757
Gravel Truck_str	BOBJ1	119.1	After	Interior Girder 6	6.39	0.95	1	1	2.89529
Gravel Truck_str	BOBJ1	119.1	After	Right Exterior Girder	6.39	0.95	1	1	2.019013
Gravel Truck_str	BOBJ1	125.49	Before	Left Exterior Girder	12.78	0.95	1	1	3.323262
Gravel Truck_str	BOBJ1	125.49	Before	Interior Girder 1	12.78	0.95	1	1	3.266464
Gravel Truck_str	BOBJ1	125.49	Before	Interior Girder 2	12.78	0.95	1	1	2.984146
Gravel Truck_str	BOBJ1	125.49	Before	Interior Girder 3	12.78	0.95	1	1	2.850491
Gravel Truck_str	BOBJ1	125.49	Before	Interior Girder 4	12.78	0.95	1	1	2.850491
Gravel Truck_str	BOBJ1	125.49	Before	Interior Girder 5	12.78	0.95	1	1	2.984146
Gravel Truck_str	BOBJ1	125.49	Before	Interior Girder 6	12.78	0.95	1	1	3.266464
Gravel Truck_str	BOBJ1	125.49	Before	Right Exterior Girder	12.78	0.95	1	1	3.323262
Gravel Truck_str	BOBJ1	125.49	After	Left Exterior Girder	12.78	0.95	1	1	3.279361
Gravel Truck_str	BOBJ1	125.49	After	Interior Girder 1	12.78	0.95	1	1	3.281091
Gravel Truck_str	BOBJ1	125.49	After	Interior Girder 2	12.78	0.95	1	1	3.014772
Gravel Truck_str	BOBJ1	125.49	After	Interior Girder 3	12.78	0.95	1	1	2.944257
Gravel Truck_str	BOBJ1	125.49	After	Interior Girder 4	12.78	0.95	1	1	2.944257
Gravel Truck_str	BOBJ1	125.49	After	Interior Girder 5	12.78	0.95	1	1	3.014772
Gravel Truck_str	BOBJ1	125.49	After	Interior Girder 6	12.78	0.95	1	1	3.281091
Gravel Truck_str	BOBJ1	125.49	After	Right Exterior Girder	12.78	0.95	1	1	3.279361
Gravel Truck_str	BOBJ1	131.88	Before	Left Exterior Girder	19.17	0.95	1	1	2.575825
Gravel Truck_str	BOBJ1	131.88	Before	Interior Girder 1	19.17	0.95	1	1	2.361226
Gravel Truck_str	BOBJ1	131.88	Before	Interior Girder 2	19.17	0.95	1	1	2.156719
Gravel Truck_str	BOBJ1	131.88	Before	Interior Girder 3	19.17	0.95	1	1	2.090809
Gravel Truck_str	BOBJ1	131.88	Before	Interior Girder 4	19.17	0.95	1	1	2.090809
Gravel Truck_str	BOBJ1	131.88	Before	Interior Girder 5	19.17	0.95	1	1	2.156719
Gravel Truck_str	BOBJ1	131.88	Before	Interior Girder 6	19.17	0.95	1	1	2.361226
Gravel Truck_str	BOBJ1	131.88	Before	Right Exterior Girder	19.17	0.95	1	1	2.575825
Gravel Truck_str	BOBJ1	131.88	After	Left Exterior Girder	19.17	0.95	1	1	2.599201
Gravel Truck_str	BOBJ1	131.88	After	Interior Girder 1	19.17	0.95	1	1	2.347364
Gravel Truck_str	BOBJ1	131.88	After	Interior Girder 2	19.17	0.95	1	1	2.154094
Gravel Truck_str	BOBJ1	131.88	After	Interior Girder 3	19.17	0.95	1	1	2.107461
Gravel Truck_str	BOBJ1	131.88	After	Interior Girder 4	19.17	0.95	1	1	2.107461
Gravel Truck_str	BOBJ1	131.88	After	Interior Girder 5	19.17	0.95	1	1	2.154094
Gravel Truck_str	BOBJ1	131.88	After	Interior Girder 6	19.17	0.95	1	1	2.347364
Gravel Truck_str	BOBJ1	131.88	After	Right Exterior Girder	19.17	0.95	1	1	2.599201
Gravel Truck_str	BOBJ1	138.27	Before	Left Exterior Girder	25.56	0.95	1	1	2.2881
Gravel Truck_str	BOBJ1	138.27	Before	Interior Girder 1	25.56	0.95	1	1	1.828567
Gravel Truck_str	BOBJ1	138.27	Before	Interior Girder 2	25.56	0.95	1	1	1.729439
Gravel Truck_str	BOBJ1	138.27	Before	Interior Girder 3	25.56	0.95	1	1	1.649949
Gravel Truck_str	BOBJ1	138.27	Before	Interior Girder 4	25.56	0.95	1	1	1.649949
Gravel Truck_str	BOBJ1	138.27	Before	Interior Girder 5	25.56	0.95	1	1	1.729439
Gravel Truck_str	BOBJ1	138.27	Before	Interior Girder 6	25.56	0.95	1	1	1.828567
Gravel Truck_str	BOBJ1	138.27	Before	Right Exterior Girder	25.56	0.95	1	1	2.2881
Gravel Truck_str	BOBJ1	138.27	After	Left Exterior Girder	25.56	0.95	1	1	2.314614
Gravel Truck_str	BOBJ1	138.27	After	Interior Girder 1	25.56	0.95	1	1	1.815618
Gravel Truck_str	BOBJ1	138.27	After	Interior Girder 2	25.56	0.95	1	1	1.721931
Gravel Truck_str	BOBJ1	138.27	After	Interior Girder 3	25.56	0.95	1	1	1.650896
Gravel Truck_str	BOBJ1	138.27	After	Interior Girder 4	25.56	0.95	1	1	1.650896

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelINonCompStrgth-Flx - Approach, Span 16-19									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Gravel Truck_str	BOBJ1	138.27	After	Interior Girder 5	25.56	0.95	1	1	1.721931
Gravel Truck_str	BOBJ1	138.27	After	Interior Girder 6	25.56	0.95	1	1	1.815618
Gravel Truck_str	BOBJ1	138.27	After	Right Exterior Girder	25.56	0.95	1	1	2.314614
Gravel Truck_str	BOBJ1	144.66	Before	Left Exterior Girder	31.95	0.95	1	1	2.364318
Gravel Truck_str	BOBJ1	144.66	Before	Interior Girder 1	31.95	0.95	1	1	1.83281
Gravel Truck_str	BOBJ1	144.66	Before	Interior Girder 2	31.95	0.95	1	1	1.738315
Gravel Truck_str	BOBJ1	144.66	Before	Interior Girder 3	31.95	0.95	1	1	1.666079
Gravel Truck_str	BOBJ1	144.66	Before	Interior Girder 4	31.95	0.95	1	1	1.666079
Gravel Truck_str	BOBJ1	144.66	Before	Interior Girder 5	31.95	0.95	1	1	1.738315
Gravel Truck_str	BOBJ1	144.66	Before	Interior Girder 6	31.95	0.95	1	1	1.83281
Gravel Truck_str	BOBJ1	144.66	Before	Right Exterior Girder	31.95	0.95	1	1	2.364318
Gravel Truck_str	BOBJ1	144.66	After	Left Exterior Girder	31.95	0.95	1	1	2.332871
Gravel Truck_str	BOBJ1	144.66	After	Interior Girder 1	31.95	0.95	1	1	1.849553
Gravel Truck_str	BOBJ1	144.66	After	Interior Girder 2	31.95	0.95	1	1	1.745188
Gravel Truck_str	BOBJ1	144.66	After	Interior Girder 3	31.95	0.95	1	1	1.662662
Gravel Truck_str	BOBJ1	144.66	After	Interior Girder 4	31.95	0.95	1	1	1.662662
Gravel Truck_str	BOBJ1	144.66	After	Interior Girder 5	31.95	0.95	1	1	1.745188
Gravel Truck_str	BOBJ1	144.66	After	Interior Girder 6	31.95	0.95	1	1	1.849553
Gravel Truck_str	BOBJ1	144.66	After	Right Exterior Girder	31.95	0.95	1	1	2.332871
Gravel Truck_str	BOBJ1	151.05	Before	Left Exterior Girder	38.34	0.95	1	1	2.774852
Gravel Truck_str	BOBJ1	151.05	Before	Interior Girder 1	38.34	0.95	1	1	2.42261
Gravel Truck_str	BOBJ1	151.05	Before	Interior Girder 2	38.34	0.95	1	1	2.215934
Gravel Truck_str	BOBJ1	151.05	Before	Interior Girder 3	38.34	0.95	1	1	2.162406
Gravel Truck_str	BOBJ1	151.05	Before	Interior Girder 4	38.34	0.95	1	1	2.162406
Gravel Truck_str	BOBJ1	151.05	Before	Interior Girder 5	38.34	0.95	1	1	2.215934
Gravel Truck_str	BOBJ1	151.05	Before	Interior Girder 6	38.34	0.95	1	1	2.42261
Gravel Truck_str	BOBJ1	151.05	Before	Right Exterior Girder	38.34	0.95	1	1	2.774852
Gravel Truck_str	BOBJ1	151.05	After	Left Exterior Girder	38.34	0.95	1	1	2.742742
Gravel Truck_str	BOBJ1	151.05	After	Interior Girder 1	38.34	0.95	1	1	2.442703
Gravel Truck_str	BOBJ1	151.05	After	Interior Girder 2	38.34	0.95	1	1	2.218113
Gravel Truck_str	BOBJ1	151.05	After	Interior Girder 3	38.34	0.95	1	1	2.141463
Gravel Truck_str	BOBJ1	151.05	After	Interior Girder 4	38.34	0.95	1	1	2.141463
Gravel Truck_str	BOBJ1	151.05	After	Interior Girder 5	38.34	0.95	1	1	2.218113
Gravel Truck_str	BOBJ1	151.05	After	Interior Girder 6	38.34	0.95	1	1	2.442703
Gravel Truck_str	BOBJ1	151.05	After	Right Exterior Girder	38.34	0.95	1	1	2.742742
Gravel Truck_str	BOBJ1	157.4367	Before	Left Exterior Girder	44.7267	0.95	1	1	3.310352
Gravel Truck_str	BOBJ1	157.4367	Before	Interior Girder 1	44.7267	0.95	1	1	3.470929
Gravel Truck_str	BOBJ1	157.4367	Before	Interior Girder 2	44.7267	0.95	1	1	3.166134
Gravel Truck_str	BOBJ1	157.4367	Before	Interior Girder 3	44.7267	0.95	1	1	3.079322
Gravel Truck_str	BOBJ1	157.4367	Before	Interior Girder 4	44.7267	0.95	1	1	3.079322
Gravel Truck_str	BOBJ1	157.4367	Before	Interior Girder 5	44.7267	0.95	1	1	3.166134
Gravel Truck_str	BOBJ1	157.4367	Before	Interior Girder 6	44.7267	0.95	1	1	3.470929
Gravel Truck_str	BOBJ1	157.4367	Before	Right Exterior Girder	44.7267	0.95	1	1	3.310352
Gravel Truck_str	BOBJ1	157.4367	After	Left Exterior Girder	44.7267	0.95	1	1	3.347683
Gravel Truck_str	BOBJ1	157.4367	After	Interior Girder 1	44.7267	0.95	1	1	3.464553
Gravel Truck_str	BOBJ1	157.4367	After	Interior Girder 2	44.7267	0.95	1	1	3.154693
Gravel Truck_str	BOBJ1	157.4367	After	Interior Girder 3	44.7267	0.95	1	1	3.031654
Gravel Truck_str	BOBJ1	157.4367	After	Interior Girder 4	44.7267	0.95	1	1	3.031654
Gravel Truck_str	BOBJ1	157.4367	After	Interior Girder 5	44.7267	0.95	1	1	3.154693
Gravel Truck_str	BOBJ1	157.4367	After	Interior Girder 6	44.7267	0.95	1	1	3.464553
Gravel Truck_str	BOBJ1	157.4367	After	Right Exterior Girder	44.7267	0.95	1	1	3.347683
Gravel Truck_str	BOBJ1	158.71	Before	Left Exterior Girder	46	0.95	1	1	3.046093
Gravel Truck_str	BOBJ1	158.71	Before	Interior Girder 1	46	0.95	1	1	3.261637
Gravel Truck_str	BOBJ1	158.71	Before	Interior Girder 2	46	0.95	1	1	3.17429
Gravel Truck_str	BOBJ1	158.71	Before	Interior Girder 3	46	0.95	1	1	3.159046
Gravel Truck_str	BOBJ1	158.71	Before	Interior Girder 4	46	0.95	1	1	3.159046
Gravel Truck_str	BOBJ1	158.71	Before	Interior Girder 5	46	0.95	1	1	3.17429
Gravel Truck_str	BOBJ1	158.71	Before	Interior Girder 6	46	0.95	1	1	3.261637
Gravel Truck_str	BOBJ1	158.71	Before	Right Exterior Girder	46	0.95	1	1	3.046093
Gravel Truck_str	BOBJ1	158.71	After	Left Exterior Girder	46	0.95	1	1	4.215928
Gravel Truck_str	BOBJ1	158.71	After	Interior Girder 1	46	0.95	1	1	4.104273
Gravel Truck_str	BOBJ1	158.71	After	Interior Girder 2	46	0.95	1	1	3.982408
Gravel Truck_str	BOBJ1	158.71	After	Interior Girder 3	46	0.95	1	1	3.989358
Gravel Truck_str	BOBJ1	158.71	After	Interior Girder 4	46	0.95	1	1	3.989358
Gravel Truck_str	BOBJ1	158.71	After	Interior Girder 5	46	0.95	1	1	3.982408

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelINonCompStrgth-Flx - Approach, Span 16-19									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Gravel Truck_str	BOBJ1	158.71	After	Interior Girder 6	46	0.95	1	1	4.104273
Gravel Truck_str	BOBJ1	158.71	After	Right Exterior Girder	46	0.95	1	1	4.215928
Gravel Truck_str	BOBJ1	163.8233	Before	Left Exterior Girder	51.1133	0.95	1	1	2.979028
Gravel Truck_str	BOBJ1	163.8233	Before	Interior Girder 1	51.1133	0.95	1	1	3.163984
Gravel Truck_str	BOBJ1	163.8233	Before	Interior Girder 2	51.1133	0.95	1	1	3.033927
Gravel Truck_str	BOBJ1	163.8233	Before	Interior Girder 3	51.1133	0.95	1	1	2.864283
Gravel Truck_str	BOBJ1	163.8233	Before	Interior Girder 4	51.1133	0.95	1	1	2.864283
Gravel Truck_str	BOBJ1	163.8233	Before	Interior Girder 5	51.1133	0.95	1	1	3.033927
Gravel Truck_str	BOBJ1	163.8233	Before	Interior Girder 6	51.1133	0.95	1	1	3.163984
Gravel Truck_str	BOBJ1	163.8233	Before	Right Exterior Girder	51.1133	0.95	1	1	2.979028
Gravel Truck_str	BOBJ1	163.8233	After	Left Exterior Girder	51.1133	0.95	1	1	3.032825
Gravel Truck_str	BOBJ1	163.8233	After	Interior Girder 1	51.1133	0.95	1	1	3.087529
Gravel Truck_str	BOBJ1	163.8233	After	Interior Girder 2	51.1133	0.95	1	1	2.974288
Gravel Truck_str	BOBJ1	163.8233	After	Interior Girder 3	51.1133	0.95	1	1	2.815098
Gravel Truck_str	BOBJ1	163.8233	After	Interior Girder 4	51.1133	0.95	1	1	2.815098
Gravel Truck_str	BOBJ1	163.8233	After	Interior Girder 5	51.1133	0.95	1	1	2.974288
Gravel Truck_str	BOBJ1	163.8233	After	Interior Girder 6	51.1133	0.95	1	1	3.087529
Gravel Truck_str	BOBJ1	163.8233	After	Right Exterior Girder	51.1133	0.95	1	1	3.032825
Gravel Truck_str	BOBJ1	164.71	Before	Left Exterior Girder	52	0.95	1	1	2.814949
Gravel Truck_str	BOBJ1	164.71	Before	Right Exterior Girder	52	0.95	1	1	2.814949
Gravel Truck_str	BOBJ1	164.71	After	Left Exterior Girder	52	0.95	1	1	4.433464
Gravel Truck_str	BOBJ1	164.71	After	Right Exterior Girder	52	0.95	1	1	4.433464
Gravel Truck_str	BOBJ1	170.21	Before	Left Exterior Girder	57.5	0.95	1	1	3.067117
Gravel Truck_str	BOBJ1	170.21	Before	Interior Girder 1	57.5	0.95	1	1	1.921443
Gravel Truck_str	BOBJ1	170.21	Before	Interior Girder 2	57.5	0.95	1	1	1.805814
Gravel Truck_str	BOBJ1	170.21	Before	Interior Girder 3	57.5	0.95	1	1	1.4501
Gravel Truck_str	BOBJ1	170.21	Before	Interior Girder 4	57.5	0.95	1	1	1.4501
Gravel Truck_str	BOBJ1	170.21	Before	Interior Girder 5	57.5	0.95	1	1	1.805814
Gravel Truck_str	BOBJ1	170.21	Before	Interior Girder 6	57.5	0.95	1	1	1.921443
Gravel Truck_str	BOBJ1	170.21	Before	Right Exterior Girder	57.5	0.95	1	1	3.067117
Gravel Truck_str	BOBJ1	170.21	After	Left Exterior Girder	0	0.95	1	1	3.113639
Gravel Truck_str	BOBJ1	170.21	After	Interior Girder 1	0	0.95	1	1	2.448237
Gravel Truck_str	BOBJ1	170.21	After	Interior Girder 2	0	0.95	1	1	2.311211
Gravel Truck_str	BOBJ1	170.21	After	Interior Girder 3	0	0.95	1	1	1.91972
Gravel Truck_str	BOBJ1	170.21	After	Interior Girder 4	0	0.95	1	1	1.91972
Gravel Truck_str	BOBJ1	170.21	After	Interior Girder 5	0	0.95	1	1	2.311211
Gravel Truck_str	BOBJ1	170.21	After	Interior Girder 6	0	0.95	1	1	2.448237
Gravel Truck_str	BOBJ1	170.21	After	Right Exterior Girder	0	0.95	1	1	3.113639
Gravel Truck_str	BOBJ1	176.21	Before	Left Exterior Girder	6	0.95	1	1	5.287412
Gravel Truck_str	BOBJ1	176.21	Before	Right Exterior Girder	6	0.95	1	1	5.287412
Gravel Truck_str	BOBJ1	176.21	After	Left Exterior Girder	6	0.95	1	1	3.451913
Gravel Truck_str	BOBJ1	176.21	After	Right Exterior Girder	6	0.95	1	1	3.451913
Gravel Truck_str	BOBJ1	176.6	Before	Left Exterior Girder	6.39	0.95	1	1	3.573954
Gravel Truck_str	BOBJ1	176.6	Before	Interior Girder 1	6.39	0.95	1	1	4.320345
Gravel Truck_str	BOBJ1	176.6	Before	Interior Girder 2	6.39	0.95	1	1	4.057058
Gravel Truck_str	BOBJ1	176.6	Before	Interior Girder 3	6.39	0.95	1	1	3.844628
Gravel Truck_str	BOBJ1	176.6	Before	Interior Girder 4	6.39	0.95	1	1	3.844628
Gravel Truck_str	BOBJ1	176.6	Before	Interior Girder 5	6.39	0.95	1	1	4.057058
Gravel Truck_str	BOBJ1	176.6	Before	Interior Girder 6	6.39	0.95	1	1	4.320345
Gravel Truck_str	BOBJ1	176.6	Before	Right Exterior Girder	6.39	0.95	1	1	3.573954
Gravel Truck_str	BOBJ1	176.6	After	Left Exterior Girder	6.39	0.95	1	1	3.481914
Gravel Truck_str	BOBJ1	176.6	After	Interior Girder 1	6.39	0.95	1	1	4.430704
Gravel Truck_str	BOBJ1	176.6	After	Interior Girder 2	6.39	0.95	1	1	4.145611
Gravel Truck_str	BOBJ1	176.6	After	Interior Girder 3	6.39	0.95	1	1	3.920633
Gravel Truck_str	BOBJ1	176.6	After	Interior Girder 4	6.39	0.95	1	1	3.920633
Gravel Truck_str	BOBJ1	176.6	After	Interior Girder 5	6.39	0.95	1	1	4.145611
Gravel Truck_str	BOBJ1	176.6	After	Interior Girder 6	6.39	0.95	1	1	4.430704
Gravel Truck_str	BOBJ1	176.6	After	Right Exterior Girder	6.39	0.95	1	1	3.481914
Gravel Truck_str	BOBJ1	182.99	Before	Left Exterior Girder	12.78	0.95	1	1	5.27621
Gravel Truck_str	BOBJ1	182.99	Before	Interior Girder 1	12.78	0.95	1	1	3.633673
Gravel Truck_str	BOBJ1	182.99	Before	Interior Girder 2	12.78	0.95	1	1	3.309847
Gravel Truck_str	BOBJ1	182.99	Before	Interior Girder 3	12.78	0.95	1	1	3.182256
Gravel Truck_str	BOBJ1	182.99	Before	Interior Girder 4	12.78	0.95	1	1	3.182256
Gravel Truck_str	BOBJ1	182.99	Before	Interior Girder 5	12.78	0.95	1	1	3.309847
Gravel Truck_str	BOBJ1	182.99	Before	Interior Girder 6	12.78	0.95	1	1	3.633673

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelINonCompStrgth-Flx - Approach, Span 16-19									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Gravel Truck_str	BOBJ1	182.99	Before	Right Exterior Girder	12.78	0.95	1	1	5.27621
Gravel Truck_str	BOBJ1	182.99	After	Left Exterior Girder	12.78	0.95	1	1	5.216622
Gravel Truck_str	BOBJ1	182.99	After	Interior Girder 1	12.78	0.95	1	1	3.641885
Gravel Truck_str	BOBJ1	182.99	After	Interior Girder 2	12.78	0.95	1	1	3.344216
Gravel Truck_str	BOBJ1	182.99	After	Interior Girder 3	12.78	0.95	1	1	3.301671
Gravel Truck_str	BOBJ1	182.99	After	Interior Girder 4	12.78	0.95	1	1	3.301671
Gravel Truck_str	BOBJ1	182.99	After	Interior Girder 5	12.78	0.95	1	1	3.344216
Gravel Truck_str	BOBJ1	182.99	After	Interior Girder 6	12.78	0.95	1	1	3.641885
Gravel Truck_str	BOBJ1	182.99	After	Right Exterior Girder	12.78	0.95	1	1	5.216622
Gravel Truck_str	BOBJ1	189.38	Before	Left Exterior Girder	19.17	0.95	1	1	2.743815
Gravel Truck_str	BOBJ1	189.38	Before	Interior Girder 1	19.17	0.95	1	1	2.355824
Gravel Truck_str	BOBJ1	189.38	Before	Interior Girder 2	19.17	0.95	1	1	2.163594
Gravel Truck_str	BOBJ1	189.38	Before	Interior Girder 3	19.17	0.95	1	1	2.118904
Gravel Truck_str	BOBJ1	189.38	Before	Interior Girder 4	19.17	0.95	1	1	2.118904
Gravel Truck_str	BOBJ1	189.38	Before	Interior Girder 5	19.17	0.95	1	1	2.163594
Gravel Truck_str	BOBJ1	189.38	Before	Interior Girder 6	19.17	0.95	1	1	2.355824
Gravel Truck_str	BOBJ1	189.38	Before	Right Exterior Girder	19.17	0.95	1	1	2.743815
Gravel Truck_str	BOBJ1	189.38	After	Left Exterior Girder	19.17	0.95	1	1	2.788283
Gravel Truck_str	BOBJ1	189.38	After	Interior Girder 1	19.17	0.95	1	1	2.330183
Gravel Truck_str	BOBJ1	189.38	After	Interior Girder 2	19.17	0.95	1	1	2.160773
Gravel Truck_str	BOBJ1	189.38	After	Interior Girder 3	19.17	0.95	1	1	2.140765
Gravel Truck_str	BOBJ1	189.38	After	Interior Girder 4	19.17	0.95	1	1	2.140765
Gravel Truck_str	BOBJ1	189.38	After	Interior Girder 5	19.17	0.95	1	1	2.160773
Gravel Truck_str	BOBJ1	189.38	After	Interior Girder 6	19.17	0.95	1	1	2.330183
Gravel Truck_str	BOBJ1	189.38	After	Right Exterior Girder	19.17	0.95	1	1	2.788283
Gravel Truck_str	BOBJ1	195.77	Before	Left Exterior Girder	25.56	0.95	1	1	2.086483
Gravel Truck_str	BOBJ1	195.77	Before	Interior Girder 1	25.56	0.95	1	1	1.621669
Gravel Truck_str	BOBJ1	195.77	Before	Interior Girder 2	25.56	0.95	1	1	1.557638
Gravel Truck_str	BOBJ1	195.77	Before	Interior Girder 3	25.56	0.95	1	1	1.511393
Gravel Truck_str	BOBJ1	195.77	Before	Interior Girder 4	25.56	0.95	1	1	1.511393
Gravel Truck_str	BOBJ1	195.77	Before	Interior Girder 5	25.56	0.95	1	1	1.557638
Gravel Truck_str	BOBJ1	195.77	Before	Interior Girder 6	25.56	0.95	1	1	1.621669
Gravel Truck_str	BOBJ1	195.77	Before	Right Exterior Girder	25.56	0.95	1	1	2.086483
Gravel Truck_str	BOBJ1	195.77	After	Left Exterior Girder	25.56	0.95	1	1	2.120289
Gravel Truck_str	BOBJ1	195.77	After	Interior Girder 1	25.56	0.95	1	1	1.601692
Gravel Truck_str	BOBJ1	195.77	After	Interior Girder 2	25.56	0.95	1	1	1.550317
Gravel Truck_str	BOBJ1	195.77	After	Interior Girder 3	25.56	0.95	1	1	1.516899
Gravel Truck_str	BOBJ1	195.77	After	Interior Girder 4	25.56	0.95	1	1	1.516899
Gravel Truck_str	BOBJ1	195.77	After	Interior Girder 5	25.56	0.95	1	1	1.550317
Gravel Truck_str	BOBJ1	195.77	After	Interior Girder 6	25.56	0.95	1	1	1.601692
Gravel Truck_str	BOBJ1	195.77	After	Right Exterior Girder	25.56	0.95	1	1	2.120289
Gravel Truck_str	BOBJ1	202.16	Before	Left Exterior Girder	31.95	0.95	1	1	1.834283
Gravel Truck_str	BOBJ1	202.16	Before	Interior Girder 1	31.95	0.95	1	1	1.426847
Gravel Truck_str	BOBJ1	202.16	Before	Interior Girder 2	31.95	0.95	1	1	1.388163
Gravel Truck_str	BOBJ1	202.16	Before	Interior Girder 3	31.95	0.95	1	1	1.358513
Gravel Truck_str	BOBJ1	202.16	Before	Interior Girder 4	31.95	0.95	1	1	1.358513
Gravel Truck_str	BOBJ1	202.16	Before	Interior Girder 5	31.95	0.95	1	1	1.388163
Gravel Truck_str	BOBJ1	202.16	Before	Interior Girder 6	31.95	0.95	1	1	1.426847
Gravel Truck_str	BOBJ1	202.16	Before	Right Exterior Girder	31.95	0.95	1	1	1.834283
Gravel Truck_str	BOBJ1	202.16	After	Left Exterior Girder	31.95	0.95	1	1	1.822351
Gravel Truck_str	BOBJ1	202.16	After	Interior Girder 1	31.95	0.95	1	1	1.431665
Gravel Truck_str	BOBJ1	202.16	After	Interior Girder 2	31.95	0.95	1	1	1.394672
Gravel Truck_str	BOBJ1	202.16	After	Interior Girder 3	31.95	0.95	1	1	1.363008
Gravel Truck_str	BOBJ1	202.16	After	Interior Girder 4	31.95	0.95	1	1	1.363008
Gravel Truck_str	BOBJ1	202.16	After	Interior Girder 5	31.95	0.95	1	1	1.394672
Gravel Truck_str	BOBJ1	202.16	After	Interior Girder 6	31.95	0.95	1	1	1.431665
Gravel Truck_str	BOBJ1	202.16	After	Right Exterior Girder	31.95	0.95	1	1	1.822351
Gravel Truck_str	BOBJ1	208.55	Before	Left Exterior Girder	38.34	0.95	1	1	1.776448
Gravel Truck_str	BOBJ1	208.55	Before	Interior Girder 1	38.34	0.95	1	1	1.545209
Gravel Truck_str	BOBJ1	208.55	Before	Interior Girder 2	38.34	0.95	1	1	1.492392
Gravel Truck_str	BOBJ1	208.55	Before	Interior Girder 3	38.34	0.95	1	1	1.483113
Gravel Truck_str	BOBJ1	208.55	Before	Interior Girder 4	38.34	0.95	1	1	1.483113
Gravel Truck_str	BOBJ1	208.55	Before	Interior Girder 5	38.34	0.95	1	1	1.492392
Gravel Truck_str	BOBJ1	208.55	Before	Interior Girder 6	38.34	0.95	1	1	1.545209
Gravel Truck_str	BOBJ1	208.55	Before	Right Exterior Girder	38.34	0.95	1	1	1.776448

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelINonCompStrgth-Flx - Approach, Span 16-19									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Gravel Truck_str	BOBJ1	208.55	After	Left Exterior Girder	38.34	0.95	1	1	1.75919
Gravel Truck_str	BOBJ1	208.55	After	Interior Girder 1	38.34	0.95	1	1	1.554401
Gravel Truck_str	BOBJ1	208.55	After	Interior Girder 2	38.34	0.95	1	1	1.492379
Gravel Truck_str	BOBJ1	208.55	After	Interior Girder 3	38.34	0.95	1	1	1.478499
Gravel Truck_str	BOBJ1	208.55	After	Interior Girder 4	38.34	0.95	1	1	1.478499
Gravel Truck_str	BOBJ1	208.55	After	Interior Girder 5	38.34	0.95	1	1	1.492379
Gravel Truck_str	BOBJ1	208.55	After	Interior Girder 6	38.34	0.95	1	1	1.554401
Gravel Truck_str	BOBJ1	208.55	After	Right Exterior Girder	38.34	0.95	1	1	1.75919
Gravel Truck_str	BOBJ1	215.1233	Before	Left Exterior Girder	44.9133	0.95	1	1	2.479058
Gravel Truck_str	BOBJ1	215.1233	Before	Interior Girder 1	44.9133	0.95	1	1	1.83595
Gravel Truck_str	BOBJ1	215.1233	Before	Interior Girder 2	44.9133	0.95	1	1	1.755882
Gravel Truck_str	BOBJ1	215.1233	Before	Interior Girder 3	44.9133	0.95	1	1	1.686148
Gravel Truck_str	BOBJ1	215.1233	Before	Interior Girder 4	44.9133	0.95	1	1	1.686148
Gravel Truck_str	BOBJ1	215.1233	Before	Interior Girder 5	44.9133	0.95	1	1	1.755882
Gravel Truck_str	BOBJ1	215.1233	Before	Interior Girder 6	44.9133	0.95	1	1	1.83595
Gravel Truck_str	BOBJ1	215.1233	Before	Right Exterior Girder	44.9133	0.95	1	1	2.479058
Gravel Truck_str	BOBJ1	215.1233	After	Left Exterior Girder	44.9133	0.95	1	1	2.463021
Gravel Truck_str	BOBJ1	215.1233	After	Interior Girder 1	44.9133	0.95	1	1	1.841997
Gravel Truck_str	BOBJ1	215.1233	After	Interior Girder 2	44.9133	0.95	1	1	1.733
Gravel Truck_str	BOBJ1	215.1233	After	Interior Girder 3	44.9133	0.95	1	1	1.655461
Gravel Truck_str	BOBJ1	215.1233	After	Interior Girder 4	44.9133	0.95	1	1	1.655461
Gravel Truck_str	BOBJ1	215.1233	After	Interior Girder 5	44.9133	0.95	1	1	1.733
Gravel Truck_str	BOBJ1	215.1233	After	Interior Girder 6	44.9133	0.95	1	1	1.841997
Gravel Truck_str	BOBJ1	215.1233	After	Right Exterior Girder	44.9133	0.95	1	1	2.463021
Gravel Truck_str	BOBJ1	221.6967	Before	Left Exterior Girder	51.4867	0.95	1	1	4.993429
Gravel Truck_str	BOBJ1	221.6967	Before	Interior Girder 1	51.4867	0.95	1	1	3.090958
Gravel Truck_str	BOBJ1	221.6967	Before	Interior Girder 2	51.4867	0.95	1	1	2.957759
Gravel Truck_str	BOBJ1	221.6967	Before	Interior Girder 3	51.4867	0.95	1	1	2.706992
Gravel Truck_str	BOBJ1	221.6967	Before	Interior Girder 4	51.4867	0.95	1	1	2.706992
Gravel Truck_str	BOBJ1	221.6967	Before	Interior Girder 5	51.4867	0.95	1	1	2.957759
Gravel Truck_str	BOBJ1	221.6967	Before	Interior Girder 6	51.4867	0.95	1	1	3.090958
Gravel Truck_str	BOBJ1	221.6967	Before	Right Exterior Girder	51.4867	0.95	1	1	4.993429
Gravel Truck_str	BOBJ1	221.6967	After	Left Exterior Girder	51.4867	0.95	1	1	4.95831
Gravel Truck_str	BOBJ1	221.6967	After	Interior Girder 1	51.4867	0.95	1	1	3.1041
Gravel Truck_str	BOBJ1	221.6967	After	Interior Girder 2	51.4867	0.95	1	1	2.911502
Gravel Truck_str	BOBJ1	221.6967	After	Interior Girder 3	51.4867	0.95	1	1	2.598762
Gravel Truck_str	BOBJ1	221.6967	After	Interior Girder 4	51.4867	0.95	1	1	2.598762
Gravel Truck_str	BOBJ1	221.6967	After	Interior Girder 5	51.4867	0.95	1	1	2.911502
Gravel Truck_str	BOBJ1	221.6967	After	Interior Girder 6	51.4867	0.95	1	1	3.1041
Gravel Truck_str	BOBJ1	221.6967	After	Right Exterior Girder	51.4867	0.95	1	1	4.95831
Gravel Truck_str	BOBJ1	228.27	Before	Left Exterior Girder	58.06	0.95	1	1	361.665651
Gravel Truck_str	BOBJ1	228.27	Before	Interior Girder 1	58.06	0.95	1	1	274.987493
Gravel Truck_str	BOBJ1	228.27	Before	Interior Girder 2	58.06	0.95	1	1	184.956668
Gravel Truck_str	BOBJ1	228.27	Before	Interior Girder 3	58.06	0.95	1	1	136.633153
Gravel Truck_str	BOBJ1	228.27	Before	Interior Girder 4	58.06	0.95	1	1	136.633152
Gravel Truck_str	BOBJ1	228.27	Before	Interior Girder 5	58.06	0.95	1	1	184.956668
Gravel Truck_str	BOBJ1	228.27	Before	Interior Girder 6	58.06	0.95	1	1	274.987493
Gravel Truck_str	BOBJ1	228.27	Before	Right Exterior Girder	58.06	0.95	1	1	361.665651
Annual Permit 1_str	BOBJ1	0	After	Left Exterior Girder	0	0.95	1	1	291.104543
Annual Permit 1_str	BOBJ1	0	After	Interior Girder 1	0	0.95	1	1	299.868373
Annual Permit 1_str	BOBJ1	0	After	Interior Girder 2	0	0.95	1	1	188.166621
Annual Permit 1_str	BOBJ1	0	After	Interior Girder 3	0	0.95	1	1	155.603601
Annual Permit 1_str	BOBJ1	0	After	Interior Girder 4	0	0.95	1	1	155.603601
Annual Permit 1_str	BOBJ1	0	After	Interior Girder 5	0	0.95	1	1	188.166623
Annual Permit 1_str	BOBJ1	0	After	Interior Girder 6	0	0.95	1	1	299.868373
Annual Permit 1_str	BOBJ1	0	After	Right Exterior Girder	0	0.95	1	1	291.104543
Annual Permit 1_str	BOBJ1	5.3833	Before	Left Exterior Girder	5.3833	0.95	1	1	4.775637
Annual Permit 1_str	BOBJ1	5.3833	Before	Interior Girder 1	5.3833	0.95	1	1	3.155658
Annual Permit 1_str	BOBJ1	5.3833	Before	Interior Girder 2	5.3833	0.95	1	1	3.017357
Annual Permit 1_str	BOBJ1	5.3833	Before	Interior Girder 3	5.3833	0.95	1	1	2.620788
Annual Permit 1_str	BOBJ1	5.3833	Before	Interior Girder 4	5.3833	0.95	1	1	2.620788
Annual Permit 1_str	BOBJ1	5.3833	Before	Interior Girder 5	5.3833	0.95	1	1	3.017357
Annual Permit 1_str	BOBJ1	5.3833	Before	Interior Girder 6	5.3833	0.95	1	1	3.155658
Annual Permit 1_str	BOBJ1	5.3833	Before	Right Exterior Girder	5.3833	0.95	1	1	4.775637
Annual Permit 1_str	BOBJ1	5.3833	After	Left Exterior Girder	5.3833	0.95	1	1	4.853354

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelINonCompStrgth-Flx - Approach, Span 16-19									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Annual Permit 1_str	BOBJ1	5.3833	After	Interior Girder 1	5.3833	0.95	1	1	3.159146
Annual Permit 1_str	BOBJ1	5.3833	After	Interior Girder 2	5.3833	0.95	1	1	3.096517
Annual Permit 1_str	BOBJ1	5.3833	After	Interior Girder 3	5.3833	0.95	1	1	2.713593
Annual Permit 1_str	BOBJ1	5.3833	After	Interior Girder 4	5.3833	0.95	1	1	2.713593
Annual Permit 1_str	BOBJ1	5.3833	After	Interior Girder 5	5.3833	0.95	1	1	3.096517
Annual Permit 1_str	BOBJ1	5.3833	After	Interior Girder 6	5.3833	0.95	1	1	3.159146
Annual Permit 1_str	BOBJ1	5.3833	After	Right Exterior Girder	5.3833	0.95	1	1	4.853354
Annual Permit 1_str	BOBJ1	10.7667	Before	Left Exterior Girder	10.7667	0.95	1	1	2.677877
Annual Permit 1_str	BOBJ1	10.7667	Before	Interior Girder 1	10.7667	0.95	1	1	2.048172
Annual Permit 1_str	BOBJ1	10.7667	Before	Interior Girder 2	10.7667	0.95	1	1	2.046567
Annual Permit 1_str	BOBJ1	10.7667	Before	Interior Girder 3	10.7667	0.95	1	1	1.826854
Annual Permit 1_str	BOBJ1	10.7667	Before	Interior Girder 4	10.7667	0.95	1	1	1.826854
Annual Permit 1_str	BOBJ1	10.7667	Before	Interior Girder 5	10.7667	0.95	1	1	2.046567
Annual Permit 1_str	BOBJ1	10.7667	Before	Interior Girder 6	10.7667	0.95	1	1	2.048172
Annual Permit 1_str	BOBJ1	10.7667	Before	Right Exterior Girder	10.7667	0.95	1	1	2.677877
Annual Permit 1_str	BOBJ1	10.7667	After	Left Exterior Girder	10.7667	0.95	1	1	2.667639
Annual Permit 1_str	BOBJ1	10.7667	After	Interior Girder 1	10.7667	0.95	1	1	2.052424
Annual Permit 1_str	BOBJ1	10.7667	After	Interior Girder 2	10.7667	0.95	1	1	2.083491
Annual Permit 1_str	BOBJ1	10.7667	After	Interior Girder 3	10.7667	0.95	1	1	1.865999
Annual Permit 1_str	BOBJ1	10.7667	After	Interior Girder 4	10.7667	0.95	1	1	1.865999
Annual Permit 1_str	BOBJ1	10.7667	After	Interior Girder 5	10.7667	0.95	1	1	2.083491
Annual Permit 1_str	BOBJ1	10.7667	After	Interior Girder 6	10.7667	0.95	1	1	2.052424
Annual Permit 1_str	BOBJ1	10.7667	After	Right Exterior Girder	10.7667	0.95	1	1	2.667639
Annual Permit 1_str	BOBJ1	16.15	Before	Left Exterior Girder	16.15	0.95	1	1	2.019667
Annual Permit 1_str	BOBJ1	16.15	Before	Interior Girder 1	16.15	0.95	1	1	1.818542
Annual Permit 1_str	BOBJ1	16.15	Before	Interior Girder 2	16.15	0.95	1	1	1.869798
Annual Permit 1_str	BOBJ1	16.15	Before	Interior Girder 3	16.15	0.95	1	1	1.784159
Annual Permit 1_str	BOBJ1	16.15	Before	Interior Girder 4	16.15	0.95	1	1	1.784159
Annual Permit 1_str	BOBJ1	16.15	Before	Interior Girder 5	16.15	0.95	1	1	1.869798
Annual Permit 1_str	BOBJ1	16.15	Before	Interior Girder 6	16.15	0.95	1	1	1.818542
Annual Permit 1_str	BOBJ1	16.15	Before	Right Exterior Girder	16.15	0.95	1	1	2.019667
Annual Permit 1_str	BOBJ1	16.15	After	Left Exterior Girder	16.15	0.95	1	1	2.028143
Annual Permit 1_str	BOBJ1	16.15	After	Interior Girder 1	16.15	0.95	1	1	1.811601
Annual Permit 1_str	BOBJ1	16.15	After	Interior Girder 2	16.15	0.95	1	1	1.873597
Annual Permit 1_str	BOBJ1	16.15	After	Interior Girder 3	16.15	0.95	1	1	1.791383
Annual Permit 1_str	BOBJ1	16.15	After	Interior Girder 4	16.15	0.95	1	1	1.791383
Annual Permit 1_str	BOBJ1	16.15	After	Interior Girder 5	16.15	0.95	1	1	1.873597
Annual Permit 1_str	BOBJ1	16.15	After	Interior Girder 6	16.15	0.95	1	1	1.811601
Annual Permit 1_str	BOBJ1	16.15	After	Right Exterior Girder	16.15	0.95	1	1	2.028143
Annual Permit 1_str	BOBJ1	22.1267	Before	Left Exterior Girder	22.1267	0.95	1	1	2.279227
Annual Permit 1_str	BOBJ1	22.1267	Before	Interior Girder 1	22.1267	0.95	1	1	1.76414
Annual Permit 1_str	BOBJ1	22.1267	Before	Interior Girder 2	22.1267	0.95	1	1	1.804228
Annual Permit 1_str	BOBJ1	22.1267	Before	Interior Girder 3	22.1267	0.95	1	1	1.633975
Annual Permit 1_str	BOBJ1	22.1267	Before	Interior Girder 4	22.1267	0.95	1	1	1.633975
Annual Permit 1_str	BOBJ1	22.1267	Before	Interior Girder 5	22.1267	0.95	1	1	1.804228
Annual Permit 1_str	BOBJ1	22.1267	Before	Interior Girder 6	22.1267	0.95	1	1	1.76414
Annual Permit 1_str	BOBJ1	22.1267	Before	Right Exterior Girder	22.1267	0.95	1	1	2.279227
Annual Permit 1_str	BOBJ1	22.1267	After	Left Exterior Girder	22.1267	0.95	1	1	2.291988
Annual Permit 1_str	BOBJ1	22.1267	After	Interior Girder 1	22.1267	0.95	1	1	1.759218
Annual Permit 1_str	BOBJ1	22.1267	After	Interior Girder 2	22.1267	0.95	1	1	1.791527
Annual Permit 1_str	BOBJ1	22.1267	After	Interior Girder 3	22.1267	0.95	1	1	1.6198
Annual Permit 1_str	BOBJ1	22.1267	After	Interior Girder 4	22.1267	0.95	1	1	1.6198
Annual Permit 1_str	BOBJ1	22.1267	After	Interior Girder 5	22.1267	0.95	1	1	1.791527
Annual Permit 1_str	BOBJ1	22.1267	After	Interior Girder 6	22.1267	0.95	1	1	1.759218
Annual Permit 1_str	BOBJ1	22.1267	After	Right Exterior Girder	22.1267	0.95	1	1	2.291988
Annual Permit 1_str	BOBJ1	28.1033	Before	Left Exterior Girder	28.1033	0.95	1	1	2.835265
Annual Permit 1_str	BOBJ1	28.1033	Before	Interior Girder 1	28.1033	0.95	1	1	2.105708
Annual Permit 1_str	BOBJ1	28.1033	Before	Interior Girder 2	28.1033	0.95	1	1	2.133682
Annual Permit 1_str	BOBJ1	28.1033	Before	Interior Girder 3	28.1033	0.95	1	1	1.936197
Annual Permit 1_str	BOBJ1	28.1033	Before	Interior Girder 4	28.1033	0.95	1	1	1.936197
Annual Permit 1_str	BOBJ1	28.1033	Before	Interior Girder 5	28.1033	0.95	1	1	2.133682
Annual Permit 1_str	BOBJ1	28.1033	Before	Interior Girder 6	28.1033	0.95	1	1	2.105708
Annual Permit 1_str	BOBJ1	28.1033	Before	Right Exterior Girder	28.1033	0.95	1	1	2.835265
Annual Permit 1_str	BOBJ1	28.1033	After	Left Exterior Girder	28.1033	0.95	1	1	2.79453
Annual Permit 1_str	BOBJ1	28.1033	After	Interior Girder 1	28.1033	0.95	1	1	2.126286

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelINonCompStrgth-Flx - Approach, Span 16-19									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Annual Permit 1_str	BOBJ1	28.1033	After	Interior Girder 2	28.1033	0.95	1	1	2.132452
Annual Permit 1_str	BOBJ1	28.1033	After	Interior Girder 3	28.1033	0.95	1	1	1.919173
Annual Permit 1_str	BOBJ1	28.1033	After	Interior Girder 4	28.1033	0.95	1	1	1.919173
Annual Permit 1_str	BOBJ1	28.1033	After	Interior Girder 5	28.1033	0.95	1	1	2.132452
Annual Permit 1_str	BOBJ1	28.1033	After	Interior Girder 6	28.1033	0.95	1	1	2.126286
Annual Permit 1_str	BOBJ1	28.1033	After	Right Exterior Girder	28.1033	0.95	1	1	2.79453
Annual Permit 1_str	BOBJ1	34.08	Before	Left Exterior Girder	34.08	0.95	1	1	2.994606
Annual Permit 1_str	BOBJ1	34.08	Before	Interior Girder 1	34.08	0.95	1	1	3.111466
Annual Permit 1_str	BOBJ1	34.08	Before	Interior Girder 2	34.08	0.95	1	1	3.475986
Annual Permit 1_str	BOBJ1	34.08	Before	Interior Girder 3	34.08	0.95	1	1	3.456562
Annual Permit 1_str	BOBJ1	34.08	Before	Interior Girder 4	34.08	0.95	1	1	3.456562
Annual Permit 1_str	BOBJ1	34.08	Before	Interior Girder 5	34.08	0.95	1	1	3.475986
Annual Permit 1_str	BOBJ1	34.08	Before	Interior Girder 6	34.08	0.95	1	1	3.111466
Annual Permit 1_str	BOBJ1	34.08	Before	Right Exterior Girder	34.08	0.95	1	1	2.994606
Annual Permit 1_str	BOBJ1	34.08	After	Left Exterior Girder	34.08	0.95	1	1	2.843959
Annual Permit 1_str	BOBJ1	34.08	After	Interior Girder 1	34.08	0.95	1	1	3.074952
Annual Permit 1_str	BOBJ1	34.08	After	Interior Girder 2	34.08	0.95	1	1	3.452682
Annual Permit 1_str	BOBJ1	34.08	After	Interior Girder 3	34.08	0.95	1	1	3.35382
Annual Permit 1_str	BOBJ1	34.08	After	Interior Girder 4	34.08	0.95	1	1	3.35382
Annual Permit 1_str	BOBJ1	34.08	After	Interior Girder 5	34.08	0.95	1	1	3.452682
Annual Permit 1_str	BOBJ1	34.08	After	Interior Girder 6	34.08	0.95	1	1	3.074952
Annual Permit 1_str	BOBJ1	34.08	After	Right Exterior Girder	34.08	0.95	1	1	2.843959
Annual Permit 1_str	BOBJ1	39.855	Before	Left Exterior Girder	39.855	0.95	1	1	1.689463
Annual Permit 1_str	BOBJ1	39.855	Before	Interior Girder 1	39.855	0.95	1	1	2.005538
Annual Permit 1_str	BOBJ1	39.855	Before	Interior Girder 2	39.855	0.95	1	1	2.177826
Annual Permit 1_str	BOBJ1	39.855	Before	Interior Girder 3	39.855	0.95	1	1	1.952316
Annual Permit 1_str	BOBJ1	39.855	Before	Interior Girder 4	39.855	0.95	1	1	1.952316
Annual Permit 1_str	BOBJ1	39.855	Before	Interior Girder 5	39.855	0.95	1	1	2.177826
Annual Permit 1_str	BOBJ1	39.855	Before	Interior Girder 6	39.855	0.95	1	1	2.005538
Annual Permit 1_str	BOBJ1	39.855	Before	Right Exterior Girder	39.855	0.95	1	1	1.689463
Annual Permit 1_str	BOBJ1	39.855	After	Left Exterior Girder	39.855	0.95	1	1	1.736922
Annual Permit 1_str	BOBJ1	39.855	After	Interior Girder 1	39.855	0.95	1	1	1.995438
Annual Permit 1_str	BOBJ1	39.855	After	Interior Girder 2	39.855	0.95	1	1	2.206801
Annual Permit 1_str	BOBJ1	39.855	After	Interior Girder 3	39.855	0.95	1	1	2.001143
Annual Permit 1_str	BOBJ1	39.855	After	Interior Girder 4	39.855	0.95	1	1	2.001143
Annual Permit 1_str	BOBJ1	39.855	After	Interior Girder 5	39.855	0.95	1	1	2.206801
Annual Permit 1_str	BOBJ1	39.855	After	Interior Girder 6	39.855	0.95	1	1	1.995438
Annual Permit 1_str	BOBJ1	39.855	After	Right Exterior Girder	39.855	0.95	1	1	1.736922
Annual Permit 1_str	BOBJ1	40.0288	Before	Left Exterior Girder	40.0288	0.95	1	1	1.678681
Annual Permit 1_str	BOBJ1	40.0288	Before	Right Exterior Girder	40.0288	0.95	1	1	1.678681
Annual Permit 1_str	BOBJ1	40.0288	After	Left Exterior Girder	40.0288	0.95	1	1	2.502745
Annual Permit 1_str	BOBJ1	40.0288	After	Right Exterior Girder	40.0288	0.95	1	1	2.502745
Annual Permit 1_str	BOBJ1	45.63	Before	Left Exterior Girder	45.63	0.95	1	1	1.173451
Annual Permit 1_str	BOBJ1	45.63	Before	Interior Girder 1	45.63	0.95	1	1	0.955156
Annual Permit 1_str	BOBJ1	45.63	Before	Interior Girder 2	45.63	0.95	1	1	1.053117
Annual Permit 1_str	BOBJ1	45.63	Before	Interior Girder 3	45.63	0.95	1	1	0.830291
Annual Permit 1_str	BOBJ1	45.63	Before	Interior Girder 4	45.63	0.95	1	1	0.830291
Annual Permit 1_str	BOBJ1	45.63	Before	Interior Girder 5	45.63	0.95	1	1	1.053117
Annual Permit 1_str	BOBJ1	45.63	Before	Interior Girder 6	45.63	0.95	1	1	0.955156
Annual Permit 1_str	BOBJ1	45.63	Before	Right Exterior Girder	45.63	0.95	1	1	1.173451
Annual Permit 1_str	BOBJ1	45.63	After	Left Exterior Girder	0	0.95	1	1	1.139668
Annual Permit 1_str	BOBJ1	45.63	After	Interior Girder 1	0	0.95	1	1	0.954382
Annual Permit 1_str	BOBJ1	45.63	After	Interior Girder 2	0	0.95	1	1	1.055987
Annual Permit 1_str	BOBJ1	45.63	After	Interior Girder 3	0	0.95	1	1	0.82775
Annual Permit 1_str	BOBJ1	45.63	After	Interior Girder 4	0	0.95	1	1	0.82775
Annual Permit 1_str	BOBJ1	45.63	After	Interior Girder 5	0	0.95	1	1	1.055987
Annual Permit 1_str	BOBJ1	45.63	After	Interior Girder 6	0	0.95	1	1	0.954382
Annual Permit 1_str	BOBJ1	45.63	After	Right Exterior Girder	0	0.95	1	1	1.139668
Annual Permit 1_str	BOBJ1	50.6298	Before	Left Exterior Girder	4.9998	0.95	1	1	2.627452
Annual Permit 1_str	BOBJ1	50.6298	Before	Right Exterior Girder	4.9998	0.95	1	1	2.627452
Annual Permit 1_str	BOBJ1	50.6298	After	Left Exterior Girder	4.9998	0.95	1	1	1.698376
Annual Permit 1_str	BOBJ1	50.6298	After	Right Exterior Girder	4.9998	0.95	1	1	1.698376
Annual Permit 1_str	BOBJ1	51.4	Before	Left Exterior Girder	5.77	0.95	1	1	2.096789
Annual Permit 1_str	BOBJ1	51.4	Before	Interior Girder 1	5.77	0.95	1	1	2.151683
Annual Permit 1_str	BOBJ1	51.4	Before	Interior Girder 2	5.77	0.95	1	1	2.334804

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelINonCompStrgth-Flx - Approach, Span 16-19									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Annual Permit 1_str	BOBJ1	51.4	Before	Interior Girder 3	5.77	0.95	1	1	2.033275
Annual Permit 1_str	BOBJ1	51.4	Before	Interior Girder 4	5.77	0.95	1	1	2.033275
Annual Permit 1_str	BOBJ1	51.4	Before	Interior Girder 5	5.77	0.95	1	1	2.334804
Annual Permit 1_str	BOBJ1	51.4	Before	Interior Girder 6	5.77	0.95	1	1	2.151683
Annual Permit 1_str	BOBJ1	51.4	Before	Right Exterior Girder	5.77	0.95	1	1	2.096789
Annual Permit 1_str	BOBJ1	51.4	After	Left Exterior Girder	5.77	0.95	1	1	2.019524
Annual Permit 1_str	BOBJ1	51.4	After	Interior Girder 1	5.77	0.95	1	1	2.202942
Annual Permit 1_str	BOBJ1	51.4	After	Interior Girder 2	5.77	0.95	1	1	2.320305
Annual Permit 1_str	BOBJ1	51.4	After	Interior Girder 3	5.77	0.95	1	1	1.988149
Annual Permit 1_str	BOBJ1	51.4	After	Interior Girder 4	5.77	0.95	1	1	1.988149
Annual Permit 1_str	BOBJ1	51.4	After	Interior Girder 5	5.77	0.95	1	1	2.320305
Annual Permit 1_str	BOBJ1	51.4	After	Interior Girder 6	5.77	0.95	1	1	2.202942
Annual Permit 1_str	BOBJ1	51.4	After	Right Exterior Girder	5.77	0.95	1	1	2.019524
Annual Permit 1_str	BOBJ1	57.17	Before	Left Exterior Girder	11.54	0.95	1	1	5.387268
Annual Permit 1_str	BOBJ1	57.17	Before	Interior Girder 1	11.54	0.95	1	1	4.212511
Annual Permit 1_str	BOBJ1	57.17	Before	Interior Girder 2	11.54	0.95	1	1	3.962787
Annual Permit 1_str	BOBJ1	57.17	Before	Interior Girder 3	11.54	0.95	1	1	3.630948
Annual Permit 1_str	BOBJ1	57.17	Before	Interior Girder 4	11.54	0.95	1	1	3.630948
Annual Permit 1_str	BOBJ1	57.17	Before	Interior Girder 5	11.54	0.95	1	1	3.962787
Annual Permit 1_str	BOBJ1	57.17	Before	Interior Girder 6	11.54	0.95	1	1	4.212511
Annual Permit 1_str	BOBJ1	57.17	Before	Right Exterior Girder	11.54	0.95	1	1	5.387268
Annual Permit 1_str	BOBJ1	57.17	After	Left Exterior Girder	11.54	0.95	1	1	5.546535
Annual Permit 1_str	BOBJ1	57.17	After	Interior Girder 1	11.54	0.95	1	1	4.164687
Annual Permit 1_str	BOBJ1	57.17	After	Interior Girder 2	11.54	0.95	1	1	3.965141
Annual Permit 1_str	BOBJ1	57.17	After	Interior Girder 3	11.54	0.95	1	1	3.73937
Annual Permit 1_str	BOBJ1	57.17	After	Interior Girder 4	11.54	0.95	1	1	3.73937
Annual Permit 1_str	BOBJ1	57.17	After	Interior Girder 5	11.54	0.95	1	1	3.965141
Annual Permit 1_str	BOBJ1	57.17	After	Interior Girder 6	11.54	0.95	1	1	4.164687
Annual Permit 1_str	BOBJ1	57.17	After	Right Exterior Girder	11.54	0.95	1	1	5.546535
Annual Permit 1_str	BOBJ1	63.34	Before	Left Exterior Girder	17.71	0.95	1	1	2.630372
Annual Permit 1_str	BOBJ1	63.34	Before	Interior Girder 1	17.71	0.95	1	1	2.059295
Annual Permit 1_str	BOBJ1	63.34	Before	Interior Girder 2	17.71	0.95	1	1	2.056371
Annual Permit 1_str	BOBJ1	63.34	Before	Interior Girder 3	17.71	0.95	1	1	1.856753
Annual Permit 1_str	BOBJ1	63.34	Before	Interior Girder 4	17.71	0.95	1	1	1.856753
Annual Permit 1_str	BOBJ1	63.34	Before	Interior Girder 5	17.71	0.95	1	1	2.056371
Annual Permit 1_str	BOBJ1	63.34	Before	Interior Girder 6	17.71	0.95	1	1	2.059295
Annual Permit 1_str	BOBJ1	63.34	Before	Right Exterior Girder	17.71	0.95	1	1	2.630372
Annual Permit 1_str	BOBJ1	63.34	After	Left Exterior Girder	17.71	0.95	1	1	2.72859
Annual Permit 1_str	BOBJ1	63.34	After	Interior Girder 1	17.71	0.95	1	1	2.025059
Annual Permit 1_str	BOBJ1	63.34	After	Interior Girder 2	17.71	0.95	1	1	2.041264
Annual Permit 1_str	BOBJ1	63.34	After	Interior Girder 3	17.71	0.95	1	1	1.876182
Annual Permit 1_str	BOBJ1	63.34	After	Interior Girder 4	17.71	0.95	1	1	1.876182
Annual Permit 1_str	BOBJ1	63.34	After	Interior Girder 5	17.71	0.95	1	1	2.041264
Annual Permit 1_str	BOBJ1	63.34	After	Interior Girder 6	17.71	0.95	1	1	2.025059
Annual Permit 1_str	BOBJ1	63.34	After	Right Exterior Girder	17.71	0.95	1	1	2.72859
Annual Permit 1_str	BOBJ1	69.51	Before	Left Exterior Girder	23.88	0.95	1	1	1.658951
Annual Permit 1_str	BOBJ1	69.51	Before	Interior Girder 1	23.88	0.95	1	1	1.436959
Annual Permit 1_str	BOBJ1	69.51	Before	Interior Girder 2	23.88	0.95	1	1	1.509886
Annual Permit 1_str	BOBJ1	69.51	Before	Interior Girder 3	23.88	0.95	1	1	1.423396
Annual Permit 1_str	BOBJ1	69.51	Before	Interior Girder 4	23.88	0.95	1	1	1.423396
Annual Permit 1_str	BOBJ1	69.51	Before	Interior Girder 5	23.88	0.95	1	1	1.509886
Annual Permit 1_str	BOBJ1	69.51	Before	Interior Girder 6	23.88	0.95	1	1	1.436959
Annual Permit 1_str	BOBJ1	69.51	Before	Right Exterior Girder	23.88	0.95	1	1	1.658951
Annual Permit 1_str	BOBJ1	69.51	After	Left Exterior Girder	23.88	0.95	1	1	1.675485
Annual Permit 1_str	BOBJ1	69.51	After	Interior Girder 1	23.88	0.95	1	1	1.433792
Annual Permit 1_str	BOBJ1	69.51	After	Interior Girder 2	23.88	0.95	1	1	1.514782
Annual Permit 1_str	BOBJ1	69.51	After	Interior Girder 3	23.88	0.95	1	1	1.442124
Annual Permit 1_str	BOBJ1	69.51	After	Interior Girder 4	23.88	0.95	1	1	1.442124
Annual Permit 1_str	BOBJ1	69.51	After	Interior Girder 5	23.88	0.95	1	1	1.514782
Annual Permit 1_str	BOBJ1	69.51	After	Interior Girder 6	23.88	0.95	1	1	1.433792
Annual Permit 1_str	BOBJ1	69.51	After	Right Exterior Girder	23.88	0.95	1	1	1.675485
Annual Permit 1_str	BOBJ1	75.68	Before	Left Exterior Girder	30.05	0.95	1	1	1.272007
Annual Permit 1_str	BOBJ1	75.68	Before	Interior Girder 1	30.05	0.95	1	1	1.285881
Annual Permit 1_str	BOBJ1	75.68	Before	Interior Girder 2	30.05	0.95	1	1	1.405518
Annual Permit 1_str	BOBJ1	75.68	Before	Interior Girder 3	30.05	0.95	1	1	1.412969

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelINonCompStrgth-Flx - Approach, Span 16-19									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Annual Permit 1_str	BOBJ1	75.68	Before	Interior Girder 4	30.05	0.95	1	1	1.412969
Annual Permit 1_str	BOBJ1	75.68	Before	Interior Girder 5	30.05	0.95	1	1	1.405518
Annual Permit 1_str	BOBJ1	75.68	Before	Interior Girder 6	30.05	0.95	1	1	1.285881
Annual Permit 1_str	BOBJ1	75.68	Before	Right Exterior Girder	30.05	0.95	1	1	1.272007
Annual Permit 1_str	BOBJ1	75.68	After	Left Exterior Girder	30.05	0.95	1	1	1.282891
Annual Permit 1_str	BOBJ1	75.68	After	Interior Girder 1	30.05	0.95	1	1	1.281591
Annual Permit 1_str	BOBJ1	75.68	After	Interior Girder 2	30.05	0.95	1	1	1.401221
Annual Permit 1_str	BOBJ1	75.68	After	Interior Girder 3	30.05	0.95	1	1	1.411475
Annual Permit 1_str	BOBJ1	75.68	After	Interior Girder 4	30.05	0.95	1	1	1.411475
Annual Permit 1_str	BOBJ1	75.68	After	Interior Girder 5	30.05	0.95	1	1	1.401221
Annual Permit 1_str	BOBJ1	75.68	After	Interior Girder 6	30.05	0.95	1	1	1.281591
Annual Permit 1_str	BOBJ1	75.68	After	Right Exterior Girder	30.05	0.95	1	1	1.282891
Annual Permit 1_str	BOBJ1	81.8467	Before	Left Exterior Girder	36.2167	0.95	1	1	1.324972
Annual Permit 1_str	BOBJ1	81.8467	Before	Interior Girder 1	36.2167	0.95	1	1	1.200589
Annual Permit 1_str	BOBJ1	81.8467	Before	Interior Girder 2	36.2167	0.95	1	1	1.293471
Annual Permit 1_str	BOBJ1	81.8467	Before	Interior Girder 3	36.2167	0.95	1	1	1.243572
Annual Permit 1_str	BOBJ1	81.8467	Before	Interior Girder 4	36.2167	0.95	1	1	1.243572
Annual Permit 1_str	BOBJ1	81.8467	Before	Interior Girder 5	36.2167	0.95	1	1	1.293471
Annual Permit 1_str	BOBJ1	81.8467	Before	Interior Girder 6	36.2167	0.95	1	1	1.200589
Annual Permit 1_str	BOBJ1	81.8467	Before	Right Exterior Girder	36.2167	0.95	1	1	1.324972
Annual Permit 1_str	BOBJ1	81.8467	After	Left Exterior Girder	36.2167	0.95	1	1	1.325968
Annual Permit 1_str	BOBJ1	81.8467	After	Interior Girder 1	36.2167	0.95	1	1	1.197414
Annual Permit 1_str	BOBJ1	81.8467	After	Interior Girder 2	36.2167	0.95	1	1	1.289425
Annual Permit 1_str	BOBJ1	81.8467	After	Interior Girder 3	36.2167	0.95	1	1	1.235039
Annual Permit 1_str	BOBJ1	81.8467	After	Interior Girder 4	36.2167	0.95	1	1	1.235039
Annual Permit 1_str	BOBJ1	81.8467	After	Interior Girder 5	36.2167	0.95	1	1	1.289425
Annual Permit 1_str	BOBJ1	81.8467	After	Interior Girder 6	36.2167	0.95	1	1	1.197414
Annual Permit 1_str	BOBJ1	81.8467	After	Right Exterior Girder	36.2167	0.95	1	1	1.325968
Annual Permit 1_str	BOBJ1	88.0133	Before	Left Exterior Girder	42.3833	0.95	1	1	1.583426
Annual Permit 1_str	BOBJ1	88.0133	Before	Interior Girder 1	42.3833	0.95	1	1	1.362861
Annual Permit 1_str	BOBJ1	88.0133	Before	Interior Girder 2	42.3833	0.95	1	1	1.44995
Annual Permit 1_str	BOBJ1	88.0133	Before	Interior Girder 3	42.3833	0.95	1	1	1.37666
Annual Permit 1_str	BOBJ1	88.0133	Before	Interior Girder 4	42.3833	0.95	1	1	1.37666
Annual Permit 1_str	BOBJ1	88.0133	Before	Interior Girder 5	42.3833	0.95	1	1	1.44995
Annual Permit 1_str	BOBJ1	88.0133	Before	Interior Girder 6	42.3833	0.95	1	1	1.362861
Annual Permit 1_str	BOBJ1	88.0133	Before	Right Exterior Girder	42.3833	0.95	1	1	1.583426
Annual Permit 1_str	BOBJ1	88.0133	After	Left Exterior Girder	42.3833	0.95	1	1	1.546768
Annual Permit 1_str	BOBJ1	88.0133	After	Interior Girder 1	42.3833	0.95	1	1	1.380941
Annual Permit 1_str	BOBJ1	88.0133	After	Interior Girder 2	42.3833	0.95	1	1	1.461725
Annual Permit 1_str	BOBJ1	88.0133	After	Interior Girder 3	42.3833	0.95	1	1	1.375509
Annual Permit 1_str	BOBJ1	88.0133	After	Interior Girder 4	42.3833	0.95	1	1	1.375509
Annual Permit 1_str	BOBJ1	88.0133	After	Interior Girder 5	42.3833	0.95	1	1	1.461725
Annual Permit 1_str	BOBJ1	88.0133	After	Interior Girder 6	42.3833	0.95	1	1	1.380941
Annual Permit 1_str	BOBJ1	88.0133	After	Right Exterior Girder	42.3833	0.95	1	1	1.546768
Annual Permit 1_str	BOBJ1	94.18	Before	Left Exterior Girder	48.55	0.95	1	1	2.198751
Annual Permit 1_str	BOBJ1	94.18	Before	Interior Girder 1	48.55	0.95	1	1	2.047346
Annual Permit 1_str	BOBJ1	94.18	Before	Interior Girder 2	48.55	0.95	1	1	2.087573
Annual Permit 1_str	BOBJ1	94.18	Before	Interior Girder 3	48.55	0.95	1	1	2.071657
Annual Permit 1_str	BOBJ1	94.18	Before	Interior Girder 4	48.55	0.95	1	1	2.071657
Annual Permit 1_str	BOBJ1	94.18	Before	Interior Girder 5	48.55	0.95	1	1	2.087573
Annual Permit 1_str	BOBJ1	94.18	Before	Interior Girder 6	48.55	0.95	1	1	2.047346
Annual Permit 1_str	BOBJ1	94.18	Before	Right Exterior Girder	48.55	0.95	1	1	2.198751
Annual Permit 1_str	BOBJ1	94.18	After	Left Exterior Girder	48.55	0.95	1	1	2.143682
Annual Permit 1_str	BOBJ1	94.18	After	Interior Girder 1	48.55	0.95	1	1	2.072195
Annual Permit 1_str	BOBJ1	94.18	After	Interior Girder 2	48.55	0.95	1	1	2.099237
Annual Permit 1_str	BOBJ1	94.18	After	Interior Girder 3	48.55	0.95	1	1	2.046167
Annual Permit 1_str	BOBJ1	94.18	After	Interior Girder 4	48.55	0.95	1	1	2.046167
Annual Permit 1_str	BOBJ1	94.18	After	Interior Girder 5	48.55	0.95	1	1	2.099237
Annual Permit 1_str	BOBJ1	94.18	After	Interior Girder 6	48.55	0.95	1	1	2.072195
Annual Permit 1_str	BOBJ1	94.18	After	Right Exterior Girder	48.55	0.95	1	1	2.143682
Annual Permit 1_str	BOBJ1	100.3567	Before	Left Exterior Girder	54.7267	0.95	1	1	4.027567
Annual Permit 1_str	BOBJ1	100.3567	Before	Interior Girder 1	54.7267	0.95	1	1	3.258282
Annual Permit 1_str	BOBJ1	100.3567	Before	Interior Girder 2	54.7267	0.95	1	1	3.103349
Annual Permit 1_str	BOBJ1	100.3567	Before	Interior Girder 3	54.7267	0.95	1	1	2.890818
Annual Permit 1_str	BOBJ1	100.3567	Before	Interior Girder 4	54.7267	0.95	1	1	2.890818

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelINonCompStrgth-Flx - Approach, Span 16-19									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Annual Permit 1_str	BOBJ1	100.3567	Before	Interior Girder 5	54.7267	0.95	1	1	3.103349
Annual Permit 1_str	BOBJ1	100.3567	Before	Interior Girder 6	54.7267	0.95	1	1	3.258282
Annual Permit 1_str	BOBJ1	100.3567	Before	Right Exterior Girder	54.7267	0.95	1	1	4.027567
Annual Permit 1_str	BOBJ1	100.3567	After	Left Exterior Girder	54.7267	0.95	1	1	4.118073
Annual Permit 1_str	BOBJ1	100.3567	After	Interior Girder 1	54.7267	0.95	1	1	3.261011
Annual Permit 1_str	BOBJ1	100.3567	After	Interior Girder 2	54.7267	0.95	1	1	3.056931
Annual Permit 1_str	BOBJ1	100.3567	After	Interior Girder 3	54.7267	0.95	1	1	2.794358
Annual Permit 1_str	BOBJ1	100.3567	After	Interior Girder 4	54.7267	0.95	1	1	2.794358
Annual Permit 1_str	BOBJ1	100.3567	After	Interior Girder 5	54.7267	0.95	1	1	3.056931
Annual Permit 1_str	BOBJ1	100.3567	After	Interior Girder 6	54.7267	0.95	1	1	3.261011
Annual Permit 1_str	BOBJ1	100.3567	After	Right Exterior Girder	54.7267	0.95	1	1	4.118073
Annual Permit 1_str	BOBJ1	106.5333	Before	Left Exterior Girder	60.9033	0.95	1	1	1.752846
Annual Permit 1_str	BOBJ1	106.5333	Before	Interior Girder 1	60.9033	0.95	1	1	2.263237
Annual Permit 1_str	BOBJ1	106.5333	Before	Interior Girder 2	60.9033	0.95	1	1	2.386438
Annual Permit 1_str	BOBJ1	106.5333	Before	Interior Girder 3	60.9033	0.95	1	1	2.06676
Annual Permit 1_str	BOBJ1	106.5333	Before	Interior Girder 4	60.9033	0.95	1	1	2.06676
Annual Permit 1_str	BOBJ1	106.5333	Before	Interior Girder 5	60.9033	0.95	1	1	2.386438
Annual Permit 1_str	BOBJ1	106.5333	Before	Interior Girder 6	60.9033	0.95	1	1	2.263237
Annual Permit 1_str	BOBJ1	106.5333	Before	Right Exterior Girder	60.9033	0.95	1	1	1.752846
Annual Permit 1_str	BOBJ1	106.5333	After	Left Exterior Girder	60.9033	0.95	1	1	1.828259
Annual Permit 1_str	BOBJ1	106.5333	After	Interior Girder 1	60.9033	0.95	1	1	2.190251
Annual Permit 1_str	BOBJ1	106.5333	After	Interior Girder 2	60.9033	0.95	1	1	2.374789
Annual Permit 1_str	BOBJ1	106.5333	After	Interior Girder 3	60.9033	0.95	1	1	2.082835
Annual Permit 1_str	BOBJ1	106.5333	After	Interior Girder 4	60.9033	0.95	1	1	2.082835
Annual Permit 1_str	BOBJ1	106.5333	After	Interior Girder 5	60.9033	0.95	1	1	2.374789
Annual Permit 1_str	BOBJ1	106.5333	After	Interior Girder 6	60.9033	0.95	1	1	2.190251
Annual Permit 1_str	BOBJ1	106.5333	After	Right Exterior Girder	60.9033	0.95	1	1	1.828259
Annual Permit 1_str	BOBJ1	108.2102	Before	Left Exterior Girder	62.5802	0.95	1	1	1.268992
Annual Permit 1_str	BOBJ1	108.2102	Before	Right Exterior Girder	62.5802	0.95	1	1	1.268992
Annual Permit 1_str	BOBJ1	108.2102	After	Left Exterior Girder	62.5802	0.95	1	1	2.006146
Annual Permit 1_str	BOBJ1	108.2102	After	Right Exterior Girder	62.5802	0.95	1	1	2.006146
Annual Permit 1_str	BOBJ1	112.71	Before	Left Exterior Girder	67.08	0.95	1	1	0.941578
Annual Permit 1_str	BOBJ1	112.71	Before	Interior Girder 1	67.08	0.95	1	1	0.925004
Annual Permit 1_str	BOBJ1	112.71	Before	Interior Girder 2	67.08	0.95	1	1	1.012326
Annual Permit 1_str	BOBJ1	112.71	Before	Interior Girder 3	67.08	0.95	1	1	0.820804
Annual Permit 1_str	BOBJ1	112.71	Before	Interior Girder 4	67.08	0.95	1	1	0.820804
Annual Permit 1_str	BOBJ1	112.71	Before	Interior Girder 5	67.08	0.95	1	1	1.012326
Annual Permit 1_str	BOBJ1	112.71	Before	Interior Girder 6	67.08	0.95	1	1	0.925004
Annual Permit 1_str	BOBJ1	112.71	Before	Right Exterior Girder	67.08	0.95	1	1	0.941578
Annual Permit 1_str	BOBJ1	112.71	After	Left Exterior Girder	0	0.95	1	1	0.950319
Annual Permit 1_str	BOBJ1	112.71	After	Interior Girder 1	0	0.95	1	1	0.933577
Annual Permit 1_str	BOBJ1	112.71	After	Interior Girder 2	0	0.95	1	1	1.018686
Annual Permit 1_str	BOBJ1	112.71	After	Interior Girder 3	0	0.95	1	1	0.831802
Annual Permit 1_str	BOBJ1	112.71	After	Interior Girder 4	0	0.95	1	1	0.831802
Annual Permit 1_str	BOBJ1	112.71	After	Interior Girder 5	0	0.95	1	1	1.018686
Annual Permit 1_str	BOBJ1	112.71	After	Interior Girder 6	0	0.95	1	1	0.933577
Annual Permit 1_str	BOBJ1	112.71	After	Right Exterior Girder	0	0.95	1	1	0.950319
Annual Permit 1_str	BOBJ1	117.21	Before	Left Exterior Girder	4.5	0.95	1	1	1.818326
Annual Permit 1_str	BOBJ1	117.21	Before	Right Exterior Girder	4.5	0.95	1	1	1.818326
Annual Permit 1_str	BOBJ1	117.21	After	Left Exterior Girder	4.5	0.95	1	1	1.14299
Annual Permit 1_str	BOBJ1	117.21	After	Right Exterior Girder	4.5	0.95	1	1	1.14299
Annual Permit 1_str	BOBJ1	119.1	Before	Left Exterior Girder	6.39	0.95	1	1	1.603064
Annual Permit 1_str	BOBJ1	119.1	Before	Interior Girder 1	6.39	0.95	1	1	2.096707
Annual Permit 1_str	BOBJ1	119.1	Before	Interior Girder 2	6.39	0.95	1	1	2.31315
Annual Permit 1_str	BOBJ1	119.1	Before	Interior Girder 3	6.39	0.95	1	1	2.07064
Annual Permit 1_str	BOBJ1	119.1	Before	Interior Girder 4	6.39	0.95	1	1	2.07064
Annual Permit 1_str	BOBJ1	119.1	Before	Interior Girder 5	6.39	0.95	1	1	2.31315
Annual Permit 1_str	BOBJ1	119.1	Before	Interior Girder 6	6.39	0.95	1	1	2.096707
Annual Permit 1_str	BOBJ1	119.1	Before	Right Exterior Girder	6.39	0.95	1	1	1.603064
Annual Permit 1_str	BOBJ1	119.1	After	Left Exterior Girder	6.39	0.95	1	1	1.545045
Annual Permit 1_str	BOBJ1	119.1	After	Interior Girder 1	6.39	0.95	1	1	2.149873
Annual Permit 1_str	BOBJ1	119.1	After	Interior Girder 2	6.39	0.95	1	1	2.315035
Annual Permit 1_str	BOBJ1	119.1	After	Interior Girder 3	6.39	0.95	1	1	2.049534
Annual Permit 1_str	BOBJ1	119.1	After	Interior Girder 4	6.39	0.95	1	1	2.049534
Annual Permit 1_str	BOBJ1	119.1	After	Interior Girder 5	6.39	0.95	1	1	2.315035

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelINonCompStrgth-Flx - Approach, Span 16-19									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Annual Permit 1_str	BOBJ1	119.1	After	Interior Girder 6	6.39	0.95	1	1	2.149873
Annual Permit 1_str	BOBJ1	119.1	After	Right Exterior Girder	6.39	0.95	1	1	1.545045
Annual Permit 1_str	BOBJ1	125.49	Before	Left Exterior Girder	12.78	0.95	1	1	2.792298
Annual Permit 1_str	BOBJ1	125.49	Before	Interior Girder 1	12.78	0.95	1	1	3.158214
Annual Permit 1_str	BOBJ1	125.49	Before	Interior Girder 2	12.78	0.95	1	1	3.014629
Annual Permit 1_str	BOBJ1	125.49	Before	Interior Girder 3	12.78	0.95	1	1	2.747101
Annual Permit 1_str	BOBJ1	125.49	Before	Interior Girder 4	12.78	0.95	1	1	2.747101
Annual Permit 1_str	BOBJ1	125.49	Before	Interior Girder 5	12.78	0.95	1	1	3.014629
Annual Permit 1_str	BOBJ1	125.49	Before	Interior Girder 6	12.78	0.95	1	1	3.158214
Annual Permit 1_str	BOBJ1	125.49	Before	Right Exterior Girder	12.78	0.95	1	1	2.792298
Annual Permit 1_str	BOBJ1	125.49	After	Left Exterior Girder	12.78	0.95	1	1	2.753976
Annual Permit 1_str	BOBJ1	125.49	After	Interior Girder 1	12.78	0.95	1	1	3.16444
Annual Permit 1_str	BOBJ1	125.49	After	Interior Girder 2	12.78	0.95	1	1	3.068871
Annual Permit 1_str	BOBJ1	125.49	After	Interior Girder 3	12.78	0.95	1	1	2.841541
Annual Permit 1_str	BOBJ1	125.49	After	Interior Girder 4	12.78	0.95	1	1	2.841541
Annual Permit 1_str	BOBJ1	125.49	After	Interior Girder 5	12.78	0.95	1	1	3.068871
Annual Permit 1_str	BOBJ1	125.49	After	Interior Girder 6	12.78	0.95	1	1	3.16444
Annual Permit 1_str	BOBJ1	125.49	After	Right Exterior Girder	12.78	0.95	1	1	2.753976
Annual Permit 1_str	BOBJ1	131.88	Before	Left Exterior Girder	19.17	0.95	1	1	2.371837
Annual Permit 1_str	BOBJ1	131.88	Before	Interior Girder 1	19.17	0.95	1	1	2.284236
Annual Permit 1_str	BOBJ1	131.88	Before	Interior Girder 2	19.17	0.95	1	1	2.300086
Annual Permit 1_str	BOBJ1	131.88	Before	Interior Girder 3	19.17	0.95	1	1	2.21347
Annual Permit 1_str	BOBJ1	131.88	Before	Interior Girder 4	19.17	0.95	1	1	2.21347
Annual Permit 1_str	BOBJ1	131.88	Before	Interior Girder 5	19.17	0.95	1	1	2.300086
Annual Permit 1_str	BOBJ1	131.88	Before	Interior Girder 6	19.17	0.95	1	1	2.284236
Annual Permit 1_str	BOBJ1	131.88	Before	Right Exterior Girder	19.17	0.95	1	1	2.371837
Annual Permit 1_str	BOBJ1	131.88	After	Left Exterior Girder	19.17	0.95	1	1	2.398342
Annual Permit 1_str	BOBJ1	131.88	After	Interior Girder 1	19.17	0.95	1	1	2.270085
Annual Permit 1_str	BOBJ1	131.88	After	Interior Girder 2	19.17	0.95	1	1	2.294249
Annual Permit 1_str	BOBJ1	131.88	After	Interior Girder 3	19.17	0.95	1	1	2.237655
Annual Permit 1_str	BOBJ1	131.88	After	Interior Girder 4	19.17	0.95	1	1	2.237655
Annual Permit 1_str	BOBJ1	131.88	After	Interior Girder 5	19.17	0.95	1	1	2.294249
Annual Permit 1_str	BOBJ1	131.88	After	Interior Girder 6	19.17	0.95	1	1	2.270085
Annual Permit 1_str	BOBJ1	131.88	After	Right Exterior Girder	19.17	0.95	1	1	2.398342
Annual Permit 1_str	BOBJ1	138.27	Before	Left Exterior Girder	25.56	0.95	1	1	2.110679
Annual Permit 1_str	BOBJ1	138.27	Before	Interior Girder 1	25.56	0.95	1	1	1.769349
Annual Permit 1_str	BOBJ1	138.27	Before	Interior Girder 2	25.56	0.95	1	1	1.821952
Annual Permit 1_str	BOBJ1	138.27	Before	Interior Girder 3	25.56	0.95	1	1	1.653722
Annual Permit 1_str	BOBJ1	138.27	Before	Interior Girder 4	25.56	0.95	1	1	1.653722
Annual Permit 1_str	BOBJ1	138.27	Before	Interior Girder 5	25.56	0.95	1	1	1.821952
Annual Permit 1_str	BOBJ1	138.27	Before	Interior Girder 6	25.56	0.95	1	1	1.769349
Annual Permit 1_str	BOBJ1	138.27	Before	Right Exterior Girder	25.56	0.95	1	1	2.110679
Annual Permit 1_str	BOBJ1	138.27	After	Left Exterior Girder	25.56	0.95	1	1	2.136823
Annual Permit 1_str	BOBJ1	138.27	After	Interior Girder 1	25.56	0.95	1	1	1.757634
Annual Permit 1_str	BOBJ1	138.27	After	Interior Girder 2	25.56	0.95	1	1	1.812392
Annual Permit 1_str	BOBJ1	138.27	After	Interior Girder 3	25.56	0.95	1	1	1.651917
Annual Permit 1_str	BOBJ1	138.27	After	Interior Girder 4	25.56	0.95	1	1	1.651917
Annual Permit 1_str	BOBJ1	138.27	After	Interior Girder 5	25.56	0.95	1	1	1.812392
Annual Permit 1_str	BOBJ1	138.27	After	Interior Girder 6	25.56	0.95	1	1	1.757634
Annual Permit 1_str	BOBJ1	138.27	After	Right Exterior Girder	25.56	0.95	1	1	2.136823
Annual Permit 1_str	BOBJ1	144.66	Before	Left Exterior Girder	31.95	0.95	1	1	2.182971
Annual Permit 1_str	BOBJ1	144.66	Before	Interior Girder 1	31.95	0.95	1	1	1.774284
Annual Permit 1_str	BOBJ1	144.66	Before	Interior Girder 2	31.95	0.95	1	1	1.828003
Annual Permit 1_str	BOBJ1	144.66	Before	Interior Girder 3	31.95	0.95	1	1	1.664114
Annual Permit 1_str	BOBJ1	144.66	Before	Interior Girder 4	31.95	0.95	1	1	1.664114
Annual Permit 1_str	BOBJ1	144.66	Before	Interior Girder 5	31.95	0.95	1	1	1.828003
Annual Permit 1_str	BOBJ1	144.66	Before	Interior Girder 6	31.95	0.95	1	1	1.774284
Annual Permit 1_str	BOBJ1	144.66	Before	Right Exterior Girder	31.95	0.95	1	1	2.182971
Annual Permit 1_str	BOBJ1	144.66	After	Left Exterior Girder	31.95	0.95	1	1	2.14966
Annual Permit 1_str	BOBJ1	144.66	After	Interior Girder 1	31.95	0.95	1	1	1.789487
Annual Permit 1_str	BOBJ1	144.66	After	Interior Girder 2	31.95	0.95	1	1	1.836983
Annual Permit 1_str	BOBJ1	144.66	After	Interior Girder 3	31.95	0.95	1	1	1.66341
Annual Permit 1_str	BOBJ1	144.66	After	Interior Girder 4	31.95	0.95	1	1	1.66341
Annual Permit 1_str	BOBJ1	144.66	After	Interior Girder 5	31.95	0.95	1	1	1.836983
Annual Permit 1_str	BOBJ1	144.66	After	Interior Girder 6	31.95	0.95	1	1	1.789487

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelINonCompStrgth-Flx - Approach, Span 16-19									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Annual Permit 1_str	BOBJ1	144.66	After	Right Exterior Girder	31.95	0.95	1	1	2.14966
Annual Permit 1_str	BOBJ1	151.05	Before	Left Exterior Girder	38.34	0.95	1	1	2.568712
Annual Permit 1_str	BOBJ1	151.05	Before	Interior Girder 1	38.34	0.95	1	1	2.344991
Annual Permit 1_str	BOBJ1	151.05	Before	Interior Girder 2	38.34	0.95	1	1	2.358538
Annual Permit 1_str	BOBJ1	151.05	Before	Interior Girder 3	38.34	0.95	1	1	2.29183
Annual Permit 1_str	BOBJ1	151.05	Before	Interior Girder 4	38.34	0.95	1	1	2.29183
Annual Permit 1_str	BOBJ1	151.05	Before	Interior Girder 5	38.34	0.95	1	1	2.358538
Annual Permit 1_str	BOBJ1	151.05	Before	Interior Girder 6	38.34	0.95	1	1	2.344991
Annual Permit 1_str	BOBJ1	151.05	Before	Right Exterior Girder	38.34	0.95	1	1	2.568712
Annual Permit 1_str	BOBJ1	151.05	After	Left Exterior Girder	38.34	0.95	1	1	2.532479
Annual Permit 1_str	BOBJ1	151.05	After	Interior Girder 1	38.34	0.95	1	1	2.36571
Annual Permit 1_str	BOBJ1	151.05	After	Interior Girder 2	38.34	0.95	1	1	2.364189
Annual Permit 1_str	BOBJ1	151.05	After	Interior Girder 3	38.34	0.95	1	1	2.262451
Annual Permit 1_str	BOBJ1	151.05	After	Interior Girder 4	38.34	0.95	1	1	2.262451
Annual Permit 1_str	BOBJ1	151.05	After	Interior Girder 5	38.34	0.95	1	1	2.364189
Annual Permit 1_str	BOBJ1	151.05	After	Interior Girder 6	38.34	0.95	1	1	2.36571
Annual Permit 1_str	BOBJ1	151.05	After	Right Exterior Girder	38.34	0.95	1	1	2.532479
Annual Permit 1_str	BOBJ1	157.4367	Before	Left Exterior Girder	44.7267	0.95	1	1	2.808941
Annual Permit 1_str	BOBJ1	157.4367	Before	Interior Girder 1	44.7267	0.95	1	1	2.981272
Annual Permit 1_str	BOBJ1	157.4367	Before	Interior Girder 2	44.7267	0.95	1	1	3.196924
Annual Permit 1_str	BOBJ1	157.4367	Before	Interior Girder 3	44.7267	0.95	1	1	2.964751
Annual Permit 1_str	BOBJ1	157.4367	Before	Interior Girder 4	44.7267	0.95	1	1	2.964751
Annual Permit 1_str	BOBJ1	157.4367	Before	Interior Girder 5	44.7267	0.95	1	1	3.196924
Annual Permit 1_str	BOBJ1	157.4367	Before	Interior Girder 6	44.7267	0.95	1	1	2.981272
Annual Permit 1_str	BOBJ1	157.4367	Before	Right Exterior Girder	44.7267	0.95	1	1	2.808941
Annual Permit 1_str	BOBJ1	157.4367	After	Left Exterior Girder	44.7267	0.95	1	1	2.843263
Annual Permit 1_str	BOBJ1	157.4367	After	Interior Girder 1	44.7267	0.95	1	1	2.950801
Annual Permit 1_str	BOBJ1	157.4367	After	Interior Girder 2	44.7267	0.95	1	1	3.171067
Annual Permit 1_str	BOBJ1	157.4367	After	Interior Girder 3	44.7267	0.95	1	1	2.915281
Annual Permit 1_str	BOBJ1	157.4367	After	Interior Girder 4	44.7267	0.95	1	1	2.915281
Annual Permit 1_str	BOBJ1	157.4367	After	Interior Girder 5	44.7267	0.95	1	1	3.171067
Annual Permit 1_str	BOBJ1	157.4367	After	Interior Girder 6	44.7267	0.95	1	1	2.950801
Annual Permit 1_str	BOBJ1	157.4367	After	Right Exterior Girder	44.7267	0.95	1	1	2.843263
Annual Permit 1_str	BOBJ1	158.71	Before	Left Exterior Girder	46	0.95	1	1	2.574742
Annual Permit 1_str	BOBJ1	158.71	Before	Interior Girder 1	46	0.95	1	1	2.741866
Annual Permit 1_str	BOBJ1	158.71	Before	Interior Girder 2	46	0.95	1	1	2.992101
Annual Permit 1_str	BOBJ1	158.71	Before	Interior Girder 3	46	0.95	1	1	2.958784
Annual Permit 1_str	BOBJ1	158.71	Before	Interior Girder 4	46	0.95	1	1	2.958784
Annual Permit 1_str	BOBJ1	158.71	Before	Interior Girder 5	46	0.95	1	1	2.992101
Annual Permit 1_str	BOBJ1	158.71	Before	Interior Girder 6	46	0.95	1	1	2.741866
Annual Permit 1_str	BOBJ1	158.71	Before	Right Exterior Girder	46	0.95	1	1	2.574742
Annual Permit 1_str	BOBJ1	158.71	After	Left Exterior Girder	46	0.95	1	1	3.567222
Annual Permit 1_str	BOBJ1	158.71	After	Interior Girder 1	46	0.95	1	1	3.447465
Annual Permit 1_str	BOBJ1	158.71	After	Interior Girder 2	46	0.95	1	1	3.760186
Annual Permit 1_str	BOBJ1	158.71	After	Interior Girder 3	46	0.95	1	1	3.744814
Annual Permit 1_str	BOBJ1	158.71	After	Interior Girder 4	46	0.95	1	1	3.744814
Annual Permit 1_str	BOBJ1	158.71	After	Interior Girder 5	46	0.95	1	1	3.760186
Annual Permit 1_str	BOBJ1	158.71	After	Interior Girder 6	46	0.95	1	1	3.447465
Annual Permit 1_str	BOBJ1	158.71	After	Right Exterior Girder	46	0.95	1	1	3.567222
Annual Permit 1_str	BOBJ1	163.8233	Before	Left Exterior Girder	51.1133	0.95	1	1	2.123713
Annual Permit 1_str	BOBJ1	163.8233	Before	Interior Girder 1	51.1133	0.95	1	1	2.146225
Annual Permit 1_str	BOBJ1	163.8233	Before	Interior Girder 2	51.1133	0.95	1	1	2.262577
Annual Permit 1_str	BOBJ1	163.8233	Before	Interior Girder 3	51.1133	0.95	1	1	1.9486
Annual Permit 1_str	BOBJ1	163.8233	Before	Interior Girder 4	51.1133	0.95	1	1	1.9486
Annual Permit 1_str	BOBJ1	163.8233	Before	Interior Girder 5	51.1133	0.95	1	1	2.262577
Annual Permit 1_str	BOBJ1	163.8233	Before	Interior Girder 6	51.1133	0.95	1	1	2.146225
Annual Permit 1_str	BOBJ1	163.8233	Before	Right Exterior Girder	51.1133	0.95	1	1	2.123713
Annual Permit 1_str	BOBJ1	163.8233	After	Left Exterior Girder	51.1133	0.95	1	1	2.186568
Annual Permit 1_str	BOBJ1	163.8233	After	Interior Girder 1	51.1133	0.95	1	1	2.097365
Annual Permit 1_str	BOBJ1	163.8233	After	Interior Girder 2	51.1133	0.95	1	1	2.254921
Annual Permit 1_str	BOBJ1	163.8233	After	Interior Girder 3	51.1133	0.95	1	1	1.9645
Annual Permit 1_str	BOBJ1	163.8233	After	Interior Girder 4	51.1133	0.95	1	1	1.9645
Annual Permit 1_str	BOBJ1	163.8233	After	Interior Girder 5	51.1133	0.95	1	1	2.254921
Annual Permit 1_str	BOBJ1	163.8233	After	Interior Girder 6	51.1133	0.95	1	1	2.097365
Annual Permit 1_str	BOBJ1	163.8233	After	Right Exterior Girder	51.1133	0.95	1	1	2.186568

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelINonCompStrgth-Flx - Approach, Span 16-19									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Annual Permit 1_str	BOBJ1	164.71	Before	Left Exterior Girder	52	0.95	1	1	1.878884
Annual Permit 1_str	BOBJ1	164.71	Before	Right Exterior Girder	52	0.95	1	1	1.878884
Annual Permit 1_str	BOBJ1	164.71	After	Left Exterior Girder	52	0.95	1	1	3.022067
Annual Permit 1_str	BOBJ1	164.71	After	Right Exterior Girder	52	0.95	1	1	3.022067
Annual Permit 1_str	BOBJ1	170.21	Before	Left Exterior Girder	57.5	0.95	1	1	1.543164
Annual Permit 1_str	BOBJ1	170.21	Before	Interior Girder 1	57.5	0.95	1	1	0.937677
Annual Permit 1_str	BOBJ1	170.21	Before	Interior Girder 2	57.5	0.95	1	1	1.008011
Annual Permit 1_str	BOBJ1	170.21	Before	Interior Girder 3	57.5	0.95	1	1	0.800174
Annual Permit 1_str	BOBJ1	170.21	Before	Interior Girder 4	57.5	0.95	1	1	0.800174
Annual Permit 1_str	BOBJ1	170.21	Before	Interior Girder 5	57.5	0.95	1	1	1.008011
Annual Permit 1_str	BOBJ1	170.21	Before	Interior Girder 6	57.5	0.95	1	1	0.937677
Annual Permit 1_str	BOBJ1	170.21	Before	Right Exterior Girder	57.5	0.95	1	1	1.543164
Annual Permit 1_str	BOBJ1	170.21	After	Left Exterior Girder	0	0.95	1	1	1.545612
Annual Permit 1_str	BOBJ1	170.21	After	Interior Girder 1	0	0.95	1	1	1.247903
Annual Permit 1_str	BOBJ1	170.21	After	Interior Girder 2	0	0.95	1	1	1.316679
Annual Permit 1_str	BOBJ1	170.21	After	Interior Girder 3	0	0.95	1	1	1.063247
Annual Permit 1_str	BOBJ1	170.21	After	Interior Girder 4	0	0.95	1	1	1.063247
Annual Permit 1_str	BOBJ1	170.21	After	Interior Girder 5	0	0.95	1	1	1.316679
Annual Permit 1_str	BOBJ1	170.21	After	Interior Girder 6	0	0.95	1	1	1.247903
Annual Permit 1_str	BOBJ1	170.21	After	Right Exterior Girder	0	0.95	1	1	1.545612
Annual Permit 1_str	BOBJ1	176.21	Before	Left Exterior Girder	6	0.95	1	1	3.561497
Annual Permit 1_str	BOBJ1	176.21	Before	Right Exterior Girder	6	0.95	1	1	3.561497
Annual Permit 1_str	BOBJ1	176.21	After	Left Exterior Girder	6	0.95	1	1	2.27757
Annual Permit 1_str	BOBJ1	176.21	After	Right Exterior Girder	6	0.95	1	1	2.27757
Annual Permit 1_str	BOBJ1	176.6	Before	Left Exterior Girder	6.39	0.95	1	1	2.485382
Annual Permit 1_str	BOBJ1	176.6	Before	Interior Girder 1	6.39	0.95	1	1	2.860658
Annual Permit 1_str	BOBJ1	176.6	Before	Interior Girder 2	6.39	0.95	1	1	3.021196
Annual Permit 1_str	BOBJ1	176.6	Before	Interior Girder 3	6.39	0.95	1	1	2.618951
Annual Permit 1_str	BOBJ1	176.6	Before	Interior Girder 4	6.39	0.95	1	1	2.618951
Annual Permit 1_str	BOBJ1	176.6	Before	Interior Girder 5	6.39	0.95	1	1	3.021196
Annual Permit 1_str	BOBJ1	176.6	Before	Interior Girder 6	6.39	0.95	1	1	2.860658
Annual Permit 1_str	BOBJ1	176.6	Before	Right Exterior Girder	6.39	0.95	1	1	2.485382
Annual Permit 1_str	BOBJ1	176.6	After	Left Exterior Girder	6.39	0.95	1	1	2.388814
Annual Permit 1_str	BOBJ1	176.6	After	Interior Girder 1	6.39	0.95	1	1	2.938078
Annual Permit 1_str	BOBJ1	176.6	After	Interior Girder 2	6.39	0.95	1	1	3.022398
Annual Permit 1_str	BOBJ1	176.6	After	Interior Girder 3	6.39	0.95	1	1	2.586822
Annual Permit 1_str	BOBJ1	176.6	After	Interior Girder 4	6.39	0.95	1	1	2.586822
Annual Permit 1_str	BOBJ1	176.6	After	Interior Girder 5	6.39	0.95	1	1	3.022398
Annual Permit 1_str	BOBJ1	176.6	After	Interior Girder 6	6.39	0.95	1	1	2.938078
Annual Permit 1_str	BOBJ1	176.6	After	Right Exterior Girder	6.39	0.95	1	1	2.388814
Annual Permit 1_str	BOBJ1	182.99	Before	Left Exterior Girder	12.78	0.95	1	1	4.535099
Annual Permit 1_str	BOBJ1	182.99	Before	Interior Girder 1	12.78	0.95	1	1	3.50744
Annual Permit 1_str	BOBJ1	182.99	Before	Interior Girder 2	12.78	0.95	1	1	3.335188
Annual Permit 1_str	BOBJ1	182.99	Before	Interior Girder 3	12.78	0.95	1	1	3.066346
Annual Permit 1_str	BOBJ1	182.99	Before	Interior Girder 4	12.78	0.95	1	1	3.066346
Annual Permit 1_str	BOBJ1	182.99	Before	Interior Girder 5	12.78	0.95	1	1	3.335188
Annual Permit 1_str	BOBJ1	182.99	Before	Interior Girder 6	12.78	0.95	1	1	3.50744
Annual Permit 1_str	BOBJ1	182.99	Before	Right Exterior Girder	12.78	0.95	1	1	4.535099
Annual Permit 1_str	BOBJ1	182.99	After	Left Exterior Girder	12.78	0.95	1	1	4.479814
Annual Permit 1_str	BOBJ1	182.99	After	Interior Girder 1	12.78	0.95	1	1	3.505177
Annual Permit 1_str	BOBJ1	182.99	After	Interior Girder 2	12.78	0.95	1	1	3.386267
Annual Permit 1_str	BOBJ1	182.99	After	Interior Girder 3	12.78	0.95	1	1	3.186019
Annual Permit 1_str	BOBJ1	182.99	After	Interior Girder 4	12.78	0.95	1	1	3.186019
Annual Permit 1_str	BOBJ1	182.99	After	Interior Girder 5	12.78	0.95	1	1	3.386266
Annual Permit 1_str	BOBJ1	182.99	After	Interior Girder 6	12.78	0.95	1	1	3.505177
Annual Permit 1_str	BOBJ1	182.99	After	Right Exterior Girder	12.78	0.95	1	1	4.479814
Annual Permit 1_str	BOBJ1	189.38	Before	Left Exterior Girder	19.17	0.95	1	1	2.480766
Annual Permit 1_str	BOBJ1	189.38	Before	Interior Girder 1	19.17	0.95	1	1	2.248991
Annual Permit 1_str	BOBJ1	189.38	Before	Interior Girder 2	19.17	0.95	1	1	2.291658
Annual Permit 1_str	BOBJ1	189.38	Before	Interior Girder 3	19.17	0.95	1	1	2.232375
Annual Permit 1_str	BOBJ1	189.38	Before	Interior Girder 4	19.17	0.95	1	1	2.232375
Annual Permit 1_str	BOBJ1	189.38	Before	Interior Girder 5	19.17	0.95	1	1	2.291658
Annual Permit 1_str	BOBJ1	189.38	Before	Interior Girder 6	19.17	0.95	1	1	2.248991
Annual Permit 1_str	BOBJ1	189.38	Before	Right Exterior Girder	19.17	0.95	1	1	2.480766
Annual Permit 1_str	BOBJ1	189.38	After	Left Exterior Girder	19.17	0.95	1	1	2.526776

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelINonCompStrgth-Flx - Approach, Span 16-19									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Annual Permit 1_str	BOBJ1	189.38	After	Interior Girder 1	19.17	0.95	1	1	2.222475
Annual Permit 1_str	BOBJ1	189.38	After	Interior Girder 2	19.17	0.95	1	1	2.284249
Annual Permit 1_str	BOBJ1	189.38	After	Interior Girder 3	19.17	0.95	1	1	2.255995
Annual Permit 1_str	BOBJ1	189.38	After	Interior Girder 4	19.17	0.95	1	1	2.255995
Annual Permit 1_str	BOBJ1	189.38	After	Interior Girder 5	19.17	0.95	1	1	2.284249
Annual Permit 1_str	BOBJ1	189.38	After	Interior Girder 6	19.17	0.95	1	1	2.222475
Annual Permit 1_str	BOBJ1	189.38	After	Right Exterior Girder	19.17	0.95	1	1	2.526776
Annual Permit 1_str	BOBJ1	195.77	Before	Left Exterior Girder	25.56	0.95	1	1	1.882522
Annual Permit 1_str	BOBJ1	195.77	Before	Interior Girder 1	25.56	0.95	1	1	1.548248
Annual Permit 1_str	BOBJ1	195.77	Before	Interior Girder 2	25.56	0.95	1	1	1.633729
Annual Permit 1_str	BOBJ1	195.77	Before	Interior Girder 3	25.56	0.95	1	1	1.537584
Annual Permit 1_str	BOBJ1	195.77	Before	Interior Girder 4	25.56	0.95	1	1	1.537584
Annual Permit 1_str	BOBJ1	195.77	Before	Interior Girder 5	25.56	0.95	1	1	1.633729
Annual Permit 1_str	BOBJ1	195.77	Before	Interior Girder 6	25.56	0.95	1	1	1.548248
Annual Permit 1_str	BOBJ1	195.77	Before	Right Exterior Girder	25.56	0.95	1	1	1.882522
Annual Permit 1_str	BOBJ1	195.77	After	Left Exterior Girder	25.56	0.95	1	1	1.917517
Annual Permit 1_str	BOBJ1	195.77	After	Interior Girder 1	25.56	0.95	1	1	1.529807
Annual Permit 1_str	BOBJ1	195.77	After	Interior Girder 2	25.56	0.95	1	1	1.625666
Annual Permit 1_str	BOBJ1	195.77	After	Interior Girder 3	25.56	0.95	1	1	1.54259
Annual Permit 1_str	BOBJ1	195.77	After	Interior Girder 4	25.56	0.95	1	1	1.54259
Annual Permit 1_str	BOBJ1	195.77	After	Interior Girder 5	25.56	0.95	1	1	1.625666
Annual Permit 1_str	BOBJ1	195.77	After	Interior Girder 6	25.56	0.95	1	1	1.529807
Annual Permit 1_str	BOBJ1	195.77	After	Right Exterior Girder	25.56	0.95	1	1	1.917517
Annual Permit 1_str	BOBJ1	202.16	Before	Left Exterior Girder	31.95	0.95	1	1	1.67588
Annual Permit 1_str	BOBJ1	202.16	Before	Interior Girder 1	31.95	0.95	1	1	1.377278
Annual Permit 1_str	BOBJ1	202.16	Before	Interior Girder 2	31.95	0.95	1	1	1.465925
Annual Permit 1_str	BOBJ1	202.16	Before	Interior Girder 3	31.95	0.95	1	1	1.390321
Annual Permit 1_str	BOBJ1	202.16	Before	Interior Girder 4	31.95	0.95	1	1	1.390321
Annual Permit 1_str	BOBJ1	202.16	Before	Interior Girder 5	31.95	0.95	1	1	1.465925
Annual Permit 1_str	BOBJ1	202.16	Before	Interior Girder 6	31.95	0.95	1	1	1.377278
Annual Permit 1_str	BOBJ1	202.16	Before	Right Exterior Girder	31.95	0.95	1	1	1.67588
Annual Permit 1_str	BOBJ1	202.16	After	Left Exterior Girder	31.95	0.95	1	1	1.663596
Annual Permit 1_str	BOBJ1	202.16	After	Interior Girder 1	31.95	0.95	1	1	1.381461
Annual Permit 1_str	BOBJ1	202.16	After	Interior Girder 2	31.95	0.95	1	1	1.47376
Annual Permit 1_str	BOBJ1	202.16	After	Interior Girder 3	31.95	0.95	1	1	1.399895
Annual Permit 1_str	BOBJ1	202.16	After	Interior Girder 4	31.95	0.95	1	1	1.399895
Annual Permit 1_str	BOBJ1	202.16	After	Interior Girder 5	31.95	0.95	1	1	1.47376
Annual Permit 1_str	BOBJ1	202.16	After	Interior Girder 6	31.95	0.95	1	1	1.381461
Annual Permit 1_str	BOBJ1	202.16	After	Right Exterior Girder	31.95	0.95	1	1	1.663596
Annual Permit 1_str	BOBJ1	208.55	Before	Left Exterior Girder	38.34	0.95	1	1	1.601354
Annual Permit 1_str	BOBJ1	208.55	Before	Interior Girder 1	38.34	0.95	1	1	1.453774
Annual Permit 1_str	BOBJ1	208.55	Before	Interior Girder 2	38.34	0.95	1	1	1.577318
Annual Permit 1_str	BOBJ1	208.55	Before	Interior Girder 3	38.34	0.95	1	1	1.552111
Annual Permit 1_str	BOBJ1	208.55	Before	Interior Girder 4	38.34	0.95	1	1	1.552111
Annual Permit 1_str	BOBJ1	208.55	Before	Interior Girder 5	38.34	0.95	1	1	1.577318
Annual Permit 1_str	BOBJ1	208.55	Before	Interior Girder 6	38.34	0.95	1	1	1.453774
Annual Permit 1_str	BOBJ1	208.55	Before	Right Exterior Girder	38.34	0.95	1	1	1.601354
Annual Permit 1_str	BOBJ1	208.55	After	Left Exterior Girder	38.34	0.95	1	1	1.584047
Annual Permit 1_str	BOBJ1	208.55	After	Interior Girder 1	38.34	0.95	1	1	1.462981
Annual Permit 1_str	BOBJ1	208.55	After	Interior Girder 2	38.34	0.95	1	1	1.578421
Annual Permit 1_str	BOBJ1	208.55	After	Interior Girder 3	38.34	0.95	1	1	1.54871
Annual Permit 1_str	BOBJ1	208.55	After	Interior Girder 4	38.34	0.95	1	1	1.54871
Annual Permit 1_str	BOBJ1	208.55	After	Interior Girder 5	38.34	0.95	1	1	1.578421
Annual Permit 1_str	BOBJ1	208.55	After	Interior Girder 6	38.34	0.95	1	1	1.462981
Annual Permit 1_str	BOBJ1	208.55	After	Right Exterior Girder	38.34	0.95	1	1	1.584047
Annual Permit 1_str	BOBJ1	215.1233	Before	Left Exterior Girder	44.9133	0.95	1	1	2.228035
Annual Permit 1_str	BOBJ1	215.1233	Before	Interior Girder 1	44.9133	0.95	1	1	1.717202
Annual Permit 1_str	BOBJ1	215.1233	Before	Interior Girder 2	44.9133	0.95	1	1	1.813924
Annual Permit 1_str	BOBJ1	215.1233	Before	Interior Girder 3	44.9133	0.95	1	1	1.67098
Annual Permit 1_str	BOBJ1	215.1233	Before	Interior Girder 4	44.9133	0.95	1	1	1.67098
Annual Permit 1_str	BOBJ1	215.1233	Before	Interior Girder 5	44.9133	0.95	1	1	1.813924
Annual Permit 1_str	BOBJ1	215.1233	Before	Interior Girder 6	44.9133	0.95	1	1	1.717202
Annual Permit 1_str	BOBJ1	215.1233	Before	Right Exterior Girder	44.9133	0.95	1	1	2.228035
Annual Permit 1_str	BOBJ1	215.1233	After	Left Exterior Girder	44.9133	0.95	1	1	2.209663
Annual Permit 1_str	BOBJ1	215.1233	After	Interior Girder 1	44.9133	0.95	1	1	1.722187

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelINonCompStrgth-Flx - Approach, Span 16-19									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Annual Permit 1_str	BOBJ1	215.1233	After	Interior Girder 2	44.9133	0.95	1	1	1.782641
Annual Permit 1_str	BOBJ1	215.1233	After	Interior Girder 3	44.9133	0.95	1	1	1.627786
Annual Permit 1_str	BOBJ1	215.1233	After	Interior Girder 4	44.9133	0.95	1	1	1.627786
Annual Permit 1_str	BOBJ1	215.1233	After	Interior Girder 5	44.9133	0.95	1	1	1.782641
Annual Permit 1_str	BOBJ1	215.1233	After	Interior Girder 6	44.9133	0.95	1	1	1.722187
Annual Permit 1_str	BOBJ1	215.1233	After	Right Exterior Girder	44.9133	0.95	1	1	2.209663
Annual Permit 1_str	BOBJ1	221.6967	Before	Left Exterior Girder	51.4867	0.95	1	1	4.395566
Annual Permit 1_str	BOBJ1	221.6967	Before	Interior Girder 1	51.4867	0.95	1	1	2.837725
Annual Permit 1_str	BOBJ1	221.6967	Before	Interior Girder 2	51.4867	0.95	1	1	2.840822
Annual Permit 1_str	BOBJ1	221.6967	Before	Interior Girder 3	51.4867	0.95	1	1	2.54175
Annual Permit 1_str	BOBJ1	221.6967	Before	Interior Girder 4	51.4867	0.95	1	1	2.54175
Annual Permit 1_str	BOBJ1	221.6967	Before	Interior Girder 5	51.4867	0.95	1	1	2.840822
Annual Permit 1_str	BOBJ1	221.6967	Before	Interior Girder 6	51.4867	0.95	1	1	2.837725
Annual Permit 1_str	BOBJ1	221.6967	Before	Right Exterior Girder	51.4867	0.95	1	1	4.395566
Annual Permit 1_str	BOBJ1	221.6967	After	Left Exterior Girder	51.4867	0.95	1	1	4.338244
Annual Permit 1_str	BOBJ1	221.6967	After	Interior Girder 1	51.4867	0.95	1	1	2.859759
Annual Permit 1_str	BOBJ1	221.6967	After	Interior Girder 2	51.4867	0.95	1	1	2.773169
Annual Permit 1_str	BOBJ1	221.6967	After	Interior Girder 3	51.4867	0.95	1	1	2.438733
Annual Permit 1_str	BOBJ1	221.6967	After	Interior Girder 4	51.4867	0.95	1	1	2.438733
Annual Permit 1_str	BOBJ1	221.6967	After	Interior Girder 5	51.4867	0.95	1	1	2.773169
Annual Permit 1_str	BOBJ1	221.6967	After	Interior Girder 6	51.4867	0.95	1	1	2.859759
Annual Permit 1_str	BOBJ1	221.6967	After	Right Exterior Girder	51.4867	0.95	1	1	4.338244
Annual Permit 1_str	BOBJ1	228.27	Before	Left Exterior Girder	58.06	0.95	1	1	339.788541
Annual Permit 1_str	BOBJ1	228.27	Before	Interior Girder 1	58.06	0.95	1	1	262.074303
Annual Permit 1_str	BOBJ1	228.27	Before	Interior Girder 2	58.06	0.95	1	1	175.353993
Annual Permit 1_str	BOBJ1	228.27	Before	Interior Girder 3	58.06	0.95	1	1	131.149707
Annual Permit 1_str	BOBJ1	228.27	Before	Interior Girder 4	58.06	0.95	1	1	131.149706
Annual Permit 1_str	BOBJ1	228.27	Before	Interior Girder 5	58.06	0.95	1	1	175.353993
Annual Permit 1_str	BOBJ1	228.27	Before	Interior Girder 6	58.06	0.95	1	1	262.074303
Annual Permit 1_str	BOBJ1	228.27	Before	Right Exterior Girder	58.06	0.95	1	1	339.788541
Annual Permit 2_str	BOBJ1	0	After	Left Exterior Girder	0	0.95	1	1	317.611777
Annual Permit 2_str	BOBJ1	0	After	Interior Girder 1	0	0.95	1	1	317.911907
Annual Permit 2_str	BOBJ1	0	After	Interior Girder 2	0	0.95	1	1	184.722784
Annual Permit 2_str	BOBJ1	0	After	Interior Girder 3	0	0.95	1	1	145.486841
Annual Permit 2_str	BOBJ1	0	After	Interior Girder 4	0	0.95	1	1	145.486841
Annual Permit 2_str	BOBJ1	0	After	Interior Girder 5	0	0.95	1	1	184.722786
Annual Permit 2_str	BOBJ1	0	After	Interior Girder 6	0	0.95	1	1	317.911907
Annual Permit 2_str	BOBJ1	0	After	Right Exterior Girder	0	0.95	1	1	317.611777
Annual Permit 2_str	BOBJ1	5.3833	Before	Left Exterior Girder	5.3833	0.95	1	1	4.535824
Annual Permit 2_str	BOBJ1	5.3833	Before	Interior Girder 1	5.3833	0.95	1	1	3.039973
Annual Permit 2_str	BOBJ1	5.3833	Before	Interior Girder 2	5.3833	0.95	1	1	2.917473
Annual Permit 2_str	BOBJ1	5.3833	Before	Interior Girder 3	5.3833	0.95	1	1	2.533666
Annual Permit 2_str	BOBJ1	5.3833	Before	Interior Girder 4	5.3833	0.95	1	1	2.533666
Annual Permit 2_str	BOBJ1	5.3833	Before	Interior Girder 5	5.3833	0.95	1	1	2.917473
Annual Permit 2_str	BOBJ1	5.3833	Before	Interior Girder 6	5.3833	0.95	1	1	3.039973
Annual Permit 2_str	BOBJ1	5.3833	Before	Right Exterior Girder	5.3833	0.95	1	1	4.535824
Annual Permit 2_str	BOBJ1	5.3833	After	Left Exterior Girder	5.3833	0.95	1	1	4.614799
Annual Permit 2_str	BOBJ1	5.3833	After	Interior Girder 1	5.3833	0.95	1	1	3.040679
Annual Permit 2_str	BOBJ1	5.3833	After	Interior Girder 2	5.3833	0.95	1	1	2.994488
Annual Permit 2_str	BOBJ1	5.3833	After	Interior Girder 3	5.3833	0.95	1	1	2.629136
Annual Permit 2_str	BOBJ1	5.3833	After	Interior Girder 4	5.3833	0.95	1	1	2.629136
Annual Permit 2_str	BOBJ1	5.3833	After	Interior Girder 5	5.3833	0.95	1	1	2.994488
Annual Permit 2_str	BOBJ1	5.3833	After	Interior Girder 6	5.3833	0.95	1	1	3.040679
Annual Permit 2_str	BOBJ1	5.3833	After	Right Exterior Girder	5.3833	0.95	1	1	4.614799
Annual Permit 2_str	BOBJ1	10.7667	Before	Left Exterior Girder	10.7667	0.95	1	1	2.495032
Annual Permit 2_str	BOBJ1	10.7667	Before	Interior Girder 1	10.7667	0.95	1	1	1.888488
Annual Permit 2_str	BOBJ1	10.7667	Before	Interior Girder 2	10.7667	0.95	1	1	1.897814
Annual Permit 2_str	BOBJ1	10.7667	Before	Interior Girder 3	10.7667	0.95	1	1	1.683393
Annual Permit 2_str	BOBJ1	10.7667	Before	Interior Girder 4	10.7667	0.95	1	1	1.683393
Annual Permit 2_str	BOBJ1	10.7667	Before	Interior Girder 5	10.7667	0.95	1	1	1.897814
Annual Permit 2_str	BOBJ1	10.7667	Before	Interior Girder 6	10.7667	0.95	1	1	1.888488
Annual Permit 2_str	BOBJ1	10.7667	Before	Right Exterior Girder	10.7667	0.95	1	1	2.495032
Annual Permit 2_str	BOBJ1	10.7667	After	Left Exterior Girder	10.7667	0.95	1	1	2.488225
Annual Permit 2_str	BOBJ1	10.7667	After	Interior Girder 1	10.7667	0.95	1	1	1.890275
Annual Permit 2_str	BOBJ1	10.7667	After	Interior Girder 2	10.7667	0.95	1	1	1.932058

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelINonCompStrgth-Flx - Approach, Span 16-19									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Annual Permit 2_str	BOBJ1	10.7667	After	Interior Girder 3	10.7667	0.95	1	1	1.72104
Annual Permit 2_str	BOBJ1	10.7667	After	Interior Girder 4	10.7667	0.95	1	1	1.72104
Annual Permit 2_str	BOBJ1	10.7667	After	Interior Girder 5	10.7667	0.95	1	1	1.932058
Annual Permit 2_str	BOBJ1	10.7667	After	Interior Girder 6	10.7667	0.95	1	1	1.890275
Annual Permit 2_str	BOBJ1	10.7667	After	Right Exterior Girder	10.7667	0.95	1	1	2.488225
Annual Permit 2_str	BOBJ1	16.15	Before	Left Exterior Girder	16.15	0.95	1	1	1.915825
Annual Permit 2_str	BOBJ1	16.15	Before	Interior Girder 1	16.15	0.95	1	1	1.720568
Annual Permit 2_str	BOBJ1	16.15	Before	Interior Girder 2	16.15	0.95	1	1	1.790832
Annual Permit 2_str	BOBJ1	16.15	Before	Interior Girder 3	16.15	0.95	1	1	1.690954
Annual Permit 2_str	BOBJ1	16.15	Before	Interior Girder 4	16.15	0.95	1	1	1.690954
Annual Permit 2_str	BOBJ1	16.15	Before	Interior Girder 5	16.15	0.95	1	1	1.790832
Annual Permit 2_str	BOBJ1	16.15	Before	Interior Girder 6	16.15	0.95	1	1	1.720568
Annual Permit 2_str	BOBJ1	16.15	Before	Right Exterior Girder	16.15	0.95	1	1	1.915825
Annual Permit 2_str	BOBJ1	16.15	After	Left Exterior Girder	16.15	0.95	1	1	1.924687
Annual Permit 2_str	BOBJ1	16.15	After	Interior Girder 1	16.15	0.95	1	1	1.71298
Annual Permit 2_str	BOBJ1	16.15	After	Interior Girder 2	16.15	0.95	1	1	1.794679
Annual Permit 2_str	BOBJ1	16.15	After	Interior Girder 3	16.15	0.95	1	1	1.698805
Annual Permit 2_str	BOBJ1	16.15	After	Interior Girder 4	16.15	0.95	1	1	1.698805
Annual Permit 2_str	BOBJ1	16.15	After	Interior Girder 5	16.15	0.95	1	1	1.794679
Annual Permit 2_str	BOBJ1	16.15	After	Interior Girder 6	16.15	0.95	1	1	1.71298
Annual Permit 2_str	BOBJ1	16.15	After	Right Exterior Girder	16.15	0.95	1	1	1.924687
Annual Permit 2_str	BOBJ1	22.1267	Before	Left Exterior Girder	22.1267	0.95	1	1	2.10693
Annual Permit 2_str	BOBJ1	22.1267	Before	Interior Girder 1	22.1267	0.95	1	1	1.680455
Annual Permit 2_str	BOBJ1	22.1267	Before	Interior Girder 2	22.1267	0.95	1	1	1.736919
Annual Permit 2_str	BOBJ1	22.1267	Before	Interior Girder 3	22.1267	0.95	1	1	1.569377
Annual Permit 2_str	BOBJ1	22.1267	Before	Interior Girder 4	22.1267	0.95	1	1	1.569377
Annual Permit 2_str	BOBJ1	22.1267	Before	Interior Girder 5	22.1267	0.95	1	1	1.736919
Annual Permit 2_str	BOBJ1	22.1267	Before	Interior Girder 6	22.1267	0.95	1	1	1.680455
Annual Permit 2_str	BOBJ1	22.1267	Before	Right Exterior Girder	22.1267	0.95	1	1	2.10693
Annual Permit 2_str	BOBJ1	22.1267	After	Left Exterior Girder	22.1267	0.95	1	1	2.121532
Annual Permit 2_str	BOBJ1	22.1267	After	Interior Girder 1	22.1267	0.95	1	1	1.67421
Annual Permit 2_str	BOBJ1	22.1267	After	Interior Girder 2	22.1267	0.95	1	1	1.722088
Annual Permit 2_str	BOBJ1	22.1267	After	Interior Girder 3	22.1267	0.95	1	1	1.555697
Annual Permit 2_str	BOBJ1	22.1267	After	Interior Girder 4	22.1267	0.95	1	1	1.555697
Annual Permit 2_str	BOBJ1	22.1267	After	Interior Girder 5	22.1267	0.95	1	1	1.722088
Annual Permit 2_str	BOBJ1	22.1267	After	Interior Girder 6	22.1267	0.95	1	1	1.67421
Annual Permit 2_str	BOBJ1	22.1267	After	Right Exterior Girder	22.1267	0.95	1	1	2.121532
Annual Permit 2_str	BOBJ1	28.1033	Before	Left Exterior Girder	28.1033	0.95	1	1	2.670631
Annual Permit 2_str	BOBJ1	28.1033	Before	Interior Girder 1	28.1033	0.95	1	1	1.991259
Annual Permit 2_str	BOBJ1	28.1033	Before	Interior Girder 2	28.1033	0.95	1	1	2.022475
Annual Permit 2_str	BOBJ1	28.1033	Before	Interior Girder 3	28.1033	0.95	1	1	1.832951
Annual Permit 2_str	BOBJ1	28.1033	Before	Interior Girder 4	28.1033	0.95	1	1	1.832951
Annual Permit 2_str	BOBJ1	28.1033	Before	Interior Girder 5	28.1033	0.95	1	1	2.022475
Annual Permit 2_str	BOBJ1	28.1033	Before	Interior Girder 6	28.1033	0.95	1	1	1.991259
Annual Permit 2_str	BOBJ1	28.1033	Before	Right Exterior Girder	28.1033	0.95	1	1	2.670631
Annual Permit 2_str	BOBJ1	28.1033	After	Left Exterior Girder	28.1033	0.95	1	1	2.632087
Annual Permit 2_str	BOBJ1	28.1033	After	Interior Girder 1	28.1033	0.95	1	1	2.011548
Annual Permit 2_str	BOBJ1	28.1033	After	Interior Girder 2	28.1033	0.95	1	1	2.021481
Annual Permit 2_str	BOBJ1	28.1033	After	Interior Girder 3	28.1033	0.95	1	1	1.816281
Annual Permit 2_str	BOBJ1	28.1033	After	Interior Girder 4	28.1033	0.95	1	1	1.816281
Annual Permit 2_str	BOBJ1	28.1033	After	Interior Girder 5	28.1033	0.95	1	1	2.021481
Annual Permit 2_str	BOBJ1	28.1033	After	Interior Girder 6	28.1033	0.95	1	1	2.011548
Annual Permit 2_str	BOBJ1	28.1033	After	Right Exterior Girder	28.1033	0.95	1	1	2.632087
Annual Permit 2_str	BOBJ1	34.08	Before	Left Exterior Girder	34.08	0.95	1	1	2.345102
Annual Permit 2_str	BOBJ1	34.08	Before	Interior Girder 1	34.08	0.95	1	1	2.435788
Annual Permit 2_str	BOBJ1	34.08	Before	Interior Girder 2	34.08	0.95	1	1	2.829397
Annual Permit 2_str	BOBJ1	34.08	Before	Interior Girder 3	34.08	0.95	1	1	3.020167
Annual Permit 2_str	BOBJ1	34.08	Before	Interior Girder 4	34.08	0.95	1	1	3.020167
Annual Permit 2_str	BOBJ1	34.08	Before	Interior Girder 5	34.08	0.95	1	1	2.829397
Annual Permit 2_str	BOBJ1	34.08	Before	Interior Girder 6	34.08	0.95	1	1	2.435788
Annual Permit 2_str	BOBJ1	34.08	Before	Right Exterior Girder	34.08	0.95	1	1	2.345102
Annual Permit 2_str	BOBJ1	34.08	After	Left Exterior Girder	34.08	0.95	1	1	2.230393
Annual Permit 2_str	BOBJ1	34.08	After	Interior Girder 1	34.08	0.95	1	1	2.405113
Annual Permit 2_str	BOBJ1	34.08	After	Interior Girder 2	34.08	0.95	1	1	2.813644
Annual Permit 2_str	BOBJ1	34.08	After	Interior Girder 3	34.08	0.95	1	1	3.021615

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelINonCompStrgth-Flx - Approach, Span 16-19									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Annual Permit 2_str	BOBJ1	34.08	After	Interior Girder 4	34.08	0.95	1	1	3.021615
Annual Permit 2_str	BOBJ1	34.08	After	Interior Girder 5	34.08	0.95	1	1	2.813644
Annual Permit 2_str	BOBJ1	34.08	After	Interior Girder 6	34.08	0.95	1	1	2.405113
Annual Permit 2_str	BOBJ1	34.08	After	Right Exterior Girder	34.08	0.95	1	1	2.230393
Annual Permit 2_str	BOBJ1	39.855	Before	Left Exterior Girder	39.855	0.95	1	1	1.394654
Annual Permit 2_str	BOBJ1	39.855	Before	Interior Girder 1	39.855	0.95	1	1	1.7687
Annual Permit 2_str	BOBJ1	39.855	Before	Interior Girder 2	39.855	0.95	1	1	2.058405
Annual Permit 2_str	BOBJ1	39.855	Before	Interior Girder 3	39.855	0.95	1	1	1.946047
Annual Permit 2_str	BOBJ1	39.855	Before	Interior Girder 4	39.855	0.95	1	1	1.946047
Annual Permit 2_str	BOBJ1	39.855	Before	Interior Girder 5	39.855	0.95	1	1	2.058405
Annual Permit 2_str	BOBJ1	39.855	Before	Interior Girder 6	39.855	0.95	1	1	1.7687
Annual Permit 2_str	BOBJ1	39.855	Before	Right Exterior Girder	39.855	0.95	1	1	1.394654
Annual Permit 2_str	BOBJ1	39.855	After	Left Exterior Girder	39.855	0.95	1	1	1.426505
Annual Permit 2_str	BOBJ1	39.855	After	Interior Girder 1	39.855	0.95	1	1	1.7288
Annual Permit 2_str	BOBJ1	39.855	After	Interior Girder 2	39.855	0.95	1	1	2.033293
Annual Permit 2_str	BOBJ1	39.855	After	Interior Girder 3	39.855	0.95	1	1	1.918489
Annual Permit 2_str	BOBJ1	39.855	After	Interior Girder 4	39.855	0.95	1	1	1.918489
Annual Permit 2_str	BOBJ1	39.855	After	Interior Girder 5	39.855	0.95	1	1	2.033293
Annual Permit 2_str	BOBJ1	39.855	After	Interior Girder 6	39.855	0.95	1	1	1.7288
Annual Permit 2_str	BOBJ1	39.855	After	Right Exterior Girder	39.855	0.95	1	1	1.426505
Annual Permit 2_str	BOBJ1	40.0288	Before	Left Exterior Girder	40.0288	0.95	1	1	1.394484
Annual Permit 2_str	BOBJ1	40.0288	Before	Right Exterior Girder	40.0288	0.95	1	1	1.394484
Annual Permit 2_str	BOBJ1	40.0288	After	Left Exterior Girder	40.0288	0.95	1	1	2.063069
Annual Permit 2_str	BOBJ1	40.0288	After	Right Exterior Girder	40.0288	0.95	1	1	2.063069
Annual Permit 2_str	BOBJ1	45.63	Before	Left Exterior Girder	45.63	0.95	1	1	1.204185
Annual Permit 2_str	BOBJ1	45.63	Before	Interior Girder 1	45.63	0.95	1	1	1.032391
Annual Permit 2_str	BOBJ1	45.63	Before	Interior Girder 2	45.63	0.95	1	1	1.128187
Annual Permit 2_str	BOBJ1	45.63	Before	Interior Girder 3	45.63	0.95	1	1	0.846417
Annual Permit 2_str	BOBJ1	45.63	Before	Interior Girder 4	45.63	0.95	1	1	0.846417
Annual Permit 2_str	BOBJ1	45.63	Before	Interior Girder 5	45.63	0.95	1	1	1.128187
Annual Permit 2_str	BOBJ1	45.63	Before	Interior Girder 6	45.63	0.95	1	1	1.032391
Annual Permit 2_str	BOBJ1	45.63	Before	Right Exterior Girder	45.63	0.95	1	1	1.204185
Annual Permit 2_str	BOBJ1	45.63	After	Left Exterior Girder	0	0.95	1	1	1.208325
Annual Permit 2_str	BOBJ1	45.63	After	Interior Girder 1	0	0.95	1	1	1.018858
Annual Permit 2_str	BOBJ1	45.63	After	Interior Girder 2	0	0.95	1	1	1.11997
Annual Permit 2_str	BOBJ1	45.63	After	Interior Girder 3	0	0.95	1	1	0.833243
Annual Permit 2_str	BOBJ1	45.63	After	Interior Girder 4	0	0.95	1	1	0.833243
Annual Permit 2_str	BOBJ1	45.63	After	Interior Girder 5	0	0.95	1	1	1.11997
Annual Permit 2_str	BOBJ1	45.63	After	Interior Girder 6	0	0.95	1	1	1.018858
Annual Permit 2_str	BOBJ1	45.63	After	Right Exterior Girder	0	0.95	1	1	1.208325
Annual Permit 2_str	BOBJ1	50.6298	Before	Left Exterior Girder	4.9998	0.95	1	1	3.327281
Annual Permit 2_str	BOBJ1	50.6298	Before	Right Exterior Girder	4.9998	0.95	1	1	3.327281
Annual Permit 2_str	BOBJ1	50.6298	After	Left Exterior Girder	4.9998	0.95	1	1	2.140758
Annual Permit 2_str	BOBJ1	50.6298	After	Right Exterior Girder	4.9998	0.95	1	1	2.140758
Annual Permit 2_str	BOBJ1	51.4	Before	Left Exterior Girder	5.77	0.95	1	1	2.734013
Annual Permit 2_str	BOBJ1	51.4	Before	Interior Girder 1	5.77	0.95	1	1	2.825092
Annual Permit 2_str	BOBJ1	51.4	Before	Interior Girder 2	5.77	0.95	1	1	3.03822
Annual Permit 2_str	BOBJ1	51.4	Before	Interior Girder 3	5.77	0.95	1	1	2.621328
Annual Permit 2_str	BOBJ1	51.4	Before	Interior Girder 4	5.77	0.95	1	1	2.621328
Annual Permit 2_str	BOBJ1	51.4	Before	Interior Girder 5	5.77	0.95	1	1	3.03822
Annual Permit 2_str	BOBJ1	51.4	Before	Interior Girder 6	5.77	0.95	1	1	2.825092
Annual Permit 2_str	BOBJ1	51.4	Before	Right Exterior Girder	5.77	0.95	1	1	2.734013
Annual Permit 2_str	BOBJ1	51.4	After	Left Exterior Girder	5.77	0.95	1	1	2.650046
Annual Permit 2_str	BOBJ1	51.4	After	Interior Girder 1	5.77	0.95	1	1	2.875841
Annual Permit 2_str	BOBJ1	51.4	After	Interior Girder 2	5.77	0.95	1	1	3.007669
Annual Permit 2_str	BOBJ1	51.4	After	Interior Girder 3	5.77	0.95	1	1	2.541178
Annual Permit 2_str	BOBJ1	51.4	After	Interior Girder 4	5.77	0.95	1	1	2.541178
Annual Permit 2_str	BOBJ1	51.4	After	Interior Girder 5	5.77	0.95	1	1	3.007669
Annual Permit 2_str	BOBJ1	51.4	After	Interior Girder 6	5.77	0.95	1	1	2.875841
Annual Permit 2_str	BOBJ1	51.4	After	Right Exterior Girder	5.77	0.95	1	1	2.650046
Annual Permit 2_str	BOBJ1	57.17	Before	Left Exterior Girder	11.54	0.95	1	1	5.227402
Annual Permit 2_str	BOBJ1	57.17	Before	Interior Girder 1	11.54	0.95	1	1	4.164942
Annual Permit 2_str	BOBJ1	57.17	Before	Interior Girder 2	11.54	0.95	1	1	3.932191
Annual Permit 2_str	BOBJ1	57.17	Before	Interior Girder 3	11.54	0.95	1	1	3.630532
Annual Permit 2_str	BOBJ1	57.17	Before	Interior Girder 4	11.54	0.95	1	1	3.630532

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelINonCompStrgth-Flx - Approach, Span 16-19									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Annual Permit 2_str	BOBJ1	57.17	Before	Interior Girder 5	11.54	0.95	1	1	3.932191
Annual Permit 2_str	BOBJ1	57.17	Before	Interior Girder 6	11.54	0.95	1	1	4.164942
Annual Permit 2_str	BOBJ1	57.17	Before	Right Exterior Girder	11.54	0.95	1	1	5.227402
Annual Permit 2_str	BOBJ1	57.17	After	Left Exterior Girder	11.54	0.95	1	1	5.291464
Annual Permit 2_str	BOBJ1	57.17	After	Interior Girder 1	11.54	0.95	1	1	4.110346
Annual Permit 2_str	BOBJ1	57.17	After	Interior Girder 2	11.54	0.95	1	1	3.920258
Annual Permit 2_str	BOBJ1	57.17	After	Interior Girder 3	11.54	0.95	1	1	3.73937
Annual Permit 2_str	BOBJ1	57.17	After	Interior Girder 4	11.54	0.95	1	1	3.73937
Annual Permit 2_str	BOBJ1	57.17	After	Interior Girder 5	11.54	0.95	1	1	3.920258
Annual Permit 2_str	BOBJ1	57.17	After	Interior Girder 6	11.54	0.95	1	1	4.110346
Annual Permit 2_str	BOBJ1	57.17	After	Right Exterior Girder	11.54	0.95	1	1	5.291464
Annual Permit 2_str	BOBJ1	63.34	Before	Left Exterior Girder	17.71	0.95	1	1	2.260739
Annual Permit 2_str	BOBJ1	63.34	Before	Interior Girder 1	17.71	0.95	1	1	1.88442
Annual Permit 2_str	BOBJ1	63.34	Before	Interior Girder 2	17.71	0.95	1	1	1.894317
Annual Permit 2_str	BOBJ1	63.34	Before	Interior Girder 3	17.71	0.95	1	1	1.726782
Annual Permit 2_str	BOBJ1	63.34	Before	Interior Girder 4	17.71	0.95	1	1	1.726782
Annual Permit 2_str	BOBJ1	63.34	Before	Interior Girder 5	17.71	0.95	1	1	1.894317
Annual Permit 2_str	BOBJ1	63.34	Before	Interior Girder 6	17.71	0.95	1	1	1.88442
Annual Permit 2_str	BOBJ1	63.34	Before	Right Exterior Girder	17.71	0.95	1	1	2.260739
Annual Permit 2_str	BOBJ1	63.34	After	Left Exterior Girder	17.71	0.95	1	1	2.349565
Annual Permit 2_str	BOBJ1	63.34	After	Interior Girder 1	17.71	0.95	1	1	1.843164
Annual Permit 2_str	BOBJ1	63.34	After	Interior Girder 2	17.71	0.95	1	1	1.881122
Annual Permit 2_str	BOBJ1	63.34	After	Interior Girder 3	17.71	0.95	1	1	1.751881
Annual Permit 2_str	BOBJ1	63.34	After	Interior Girder 4	17.71	0.95	1	1	1.751881
Annual Permit 2_str	BOBJ1	63.34	After	Interior Girder 5	17.71	0.95	1	1	1.881122
Annual Permit 2_str	BOBJ1	63.34	After	Interior Girder 6	17.71	0.95	1	1	1.843164
Annual Permit 2_str	BOBJ1	63.34	After	Right Exterior Girder	17.71	0.95	1	1	2.349565
Annual Permit 2_str	BOBJ1	69.51	Before	Left Exterior Girder	23.88	0.95	1	1	1.393015
Annual Permit 2_str	BOBJ1	69.51	Before	Interior Girder 1	23.88	0.95	1	1	1.258884
Annual Permit 2_str	BOBJ1	69.51	Before	Interior Girder 2	23.88	0.95	1	1	1.346919
Annual Permit 2_str	BOBJ1	69.51	Before	Interior Girder 3	23.88	0.95	1	1	1.261122
Annual Permit 2_str	BOBJ1	69.51	Before	Interior Girder 4	23.88	0.95	1	1	1.261122
Annual Permit 2_str	BOBJ1	69.51	Before	Interior Girder 5	23.88	0.95	1	1	1.346919
Annual Permit 2_str	BOBJ1	69.51	Before	Interior Girder 6	23.88	0.95	1	1	1.258884
Annual Permit 2_str	BOBJ1	69.51	Before	Right Exterior Girder	23.88	0.95	1	1	1.393015
Annual Permit 2_str	BOBJ1	69.51	After	Left Exterior Girder	23.88	0.95	1	1	1.410778
Annual Permit 2_str	BOBJ1	69.51	After	Interior Girder 1	23.88	0.95	1	1	1.254901
Annual Permit 2_str	BOBJ1	69.51	After	Interior Girder 2	23.88	0.95	1	1	1.353686
Annual Permit 2_str	BOBJ1	69.51	After	Interior Girder 3	23.88	0.95	1	1	1.281247
Annual Permit 2_str	BOBJ1	69.51	After	Interior Girder 4	23.88	0.95	1	1	1.281247
Annual Permit 2_str	BOBJ1	69.51	After	Interior Girder 5	23.88	0.95	1	1	1.353686
Annual Permit 2_str	BOBJ1	69.51	After	Interior Girder 6	23.88	0.95	1	1	1.254901
Annual Permit 2_str	BOBJ1	69.51	After	Right Exterior Girder	23.88	0.95	1	1	1.410778
Annual Permit 2_str	BOBJ1	75.68	Before	Left Exterior Girder	30.05	0.95	1	1	1.051059
Annual Permit 2_str	BOBJ1	75.68	Before	Interior Girder 1	30.05	0.95	1	1	1.119171
Annual Permit 2_str	BOBJ1	75.68	Before	Interior Girder 2	30.05	0.95	1	1	1.261233
Annual Permit 2_str	BOBJ1	75.68	Before	Interior Girder 3	30.05	0.95	1	1	1.267654
Annual Permit 2_str	BOBJ1	75.68	Before	Interior Girder 4	30.05	0.95	1	1	1.267654
Annual Permit 2_str	BOBJ1	75.68	Before	Interior Girder 5	30.05	0.95	1	1	1.261233
Annual Permit 2_str	BOBJ1	75.68	Before	Interior Girder 6	30.05	0.95	1	1	1.119171
Annual Permit 2_str	BOBJ1	75.68	Before	Right Exterior Girder	30.05	0.95	1	1	1.051059
Annual Permit 2_str	BOBJ1	75.68	After	Left Exterior Girder	30.05	0.95	1	1	1.05949
Annual Permit 2_str	BOBJ1	75.68	After	Interior Girder 1	30.05	0.95	1	1	1.113879
Annual Permit 2_str	BOBJ1	75.68	After	Interior Girder 2	30.05	0.95	1	1	1.260992
Annual Permit 2_str	BOBJ1	75.68	After	Interior Girder 3	30.05	0.95	1	1	1.272205
Annual Permit 2_str	BOBJ1	75.68	After	Interior Girder 4	30.05	0.95	1	1	1.272205
Annual Permit 2_str	BOBJ1	75.68	After	Interior Girder 5	30.05	0.95	1	1	1.260992
Annual Permit 2_str	BOBJ1	75.68	After	Interior Girder 6	30.05	0.95	1	1	1.113879
Annual Permit 2_str	BOBJ1	75.68	After	Right Exterior Girder	30.05	0.95	1	1	1.05949
Annual Permit 2_str	BOBJ1	81.8467	Before	Left Exterior Girder	36.2167	0.95	1	1	1.085626
Annual Permit 2_str	BOBJ1	81.8467	Before	Interior Girder 1	36.2167	0.95	1	1	1.039982
Annual Permit 2_str	BOBJ1	81.8467	Before	Interior Girder 2	36.2167	0.95	1	1	1.154701
Annual Permit 2_str	BOBJ1	81.8467	Before	Interior Girder 3	36.2167	0.95	1	1	1.102764
Annual Permit 2_str	BOBJ1	81.8467	Before	Interior Girder 4	36.2167	0.95	1	1	1.102764
Annual Permit 2_str	BOBJ1	81.8467	Before	Interior Girder 5	36.2167	0.95	1	1	1.154701

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelINonCompStrgth-Flx - Approach, Span 16-19									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Annual Permit 2_str	BOBJ1	81.8467	Before	Interior Girder 6	36.2167	0.95	1	1	1.039982
Annual Permit 2_str	BOBJ1	81.8467	Before	Right Exterior Girder	36.2167	0.95	1	1	1.085626
Annual Permit 2_str	BOBJ1	81.8467	After	Left Exterior Girder	36.2167	0.95	1	1	1.086527
Annual Permit 2_str	BOBJ1	81.8467	After	Interior Girder 1	36.2167	0.95	1	1	1.03658
Annual Permit 2_str	BOBJ1	81.8467	After	Interior Girder 2	36.2167	0.95	1	1	1.148238
Annual Permit 2_str	BOBJ1	81.8467	After	Interior Girder 3	36.2167	0.95	1	1	1.092791
Annual Permit 2_str	BOBJ1	81.8467	After	Interior Girder 4	36.2167	0.95	1	1	1.092791
Annual Permit 2_str	BOBJ1	81.8467	After	Interior Girder 5	36.2167	0.95	1	1	1.148238
Annual Permit 2_str	BOBJ1	81.8467	After	Interior Girder 6	36.2167	0.95	1	1	1.03658
Annual Permit 2_str	BOBJ1	81.8467	After	Right Exterior Girder	36.2167	0.95	1	1	1.086527
Annual Permit 2_str	BOBJ1	88.0133	Before	Left Exterior Girder	42.3833	0.95	1	1	1.327391
Annual Permit 2_str	BOBJ1	88.0133	Before	Interior Girder 1	42.3833	0.95	1	1	1.190856
Annual Permit 2_str	BOBJ1	88.0133	Before	Interior Girder 2	42.3833	0.95	1	1	1.29113
Annual Permit 2_str	BOBJ1	88.0133	Before	Interior Girder 3	42.3833	0.95	1	1	1.21997
Annual Permit 2_str	BOBJ1	88.0133	Before	Interior Girder 4	42.3833	0.95	1	1	1.21997
Annual Permit 2_str	BOBJ1	88.0133	Before	Interior Girder 5	42.3833	0.95	1	1	1.29113
Annual Permit 2_str	BOBJ1	88.0133	Before	Interior Girder 6	42.3833	0.95	1	1	1.190856
Annual Permit 2_str	BOBJ1	88.0133	Before	Right Exterior Girder	42.3833	0.95	1	1	1.327391
Annual Permit 2_str	BOBJ1	88.0133	After	Left Exterior Girder	42.3833	0.95	1	1	1.292837
Annual Permit 2_str	BOBJ1	88.0133	After	Interior Girder 1	42.3833	0.95	1	1	1.208409
Annual Permit 2_str	BOBJ1	88.0133	After	Interior Girder 2	42.3833	0.95	1	1	1.302404
Annual Permit 2_str	BOBJ1	88.0133	After	Interior Girder 3	42.3833	0.95	1	1	1.216818
Annual Permit 2_str	BOBJ1	88.0133	After	Interior Girder 4	42.3833	0.95	1	1	1.216818
Annual Permit 2_str	BOBJ1	88.0133	After	Interior Girder 5	42.3833	0.95	1	1	1.302404
Annual Permit 2_str	BOBJ1	88.0133	After	Interior Girder 6	42.3833	0.95	1	1	1.208409
Annual Permit 2_str	BOBJ1	88.0133	After	Right Exterior Girder	42.3833	0.95	1	1	1.292837
Annual Permit 2_str	BOBJ1	94.18	Before	Left Exterior Girder	48.55	0.95	1	1	1.875394
Annual Permit 2_str	BOBJ1	94.18	Before	Interior Girder 1	48.55	0.95	1	1	1.819749
Annual Permit 2_str	BOBJ1	94.18	Before	Interior Girder 2	48.55	0.95	1	1	1.942951
Annual Permit 2_str	BOBJ1	94.18	Before	Interior Girder 3	48.55	0.95	1	1	1.917887
Annual Permit 2_str	BOBJ1	94.18	Before	Interior Girder 4	48.55	0.95	1	1	1.917887
Annual Permit 2_str	BOBJ1	94.18	Before	Interior Girder 5	48.55	0.95	1	1	1.942951
Annual Permit 2_str	BOBJ1	94.18	Before	Interior Girder 6	48.55	0.95	1	1	1.819749
Annual Permit 2_str	BOBJ1	94.18	Before	Right Exterior Girder	48.55	0.95	1	1	1.875394
Annual Permit 2_str	BOBJ1	94.18	After	Left Exterior Girder	48.55	0.95	1	1	1.828473
Annual Permit 2_str	BOBJ1	94.18	After	Interior Girder 1	48.55	0.95	1	1	1.852238
Annual Permit 2_str	BOBJ1	94.18	After	Interior Girder 2	48.55	0.95	1	1	1.946199
Annual Permit 2_str	BOBJ1	94.18	After	Interior Girder 3	48.55	0.95	1	1	1.879003
Annual Permit 2_str	BOBJ1	94.18	After	Interior Girder 4	48.55	0.95	1	1	1.879003
Annual Permit 2_str	BOBJ1	94.18	After	Interior Girder 5	48.55	0.95	1	1	1.946199
Annual Permit 2_str	BOBJ1	94.18	After	Interior Girder 6	48.55	0.95	1	1	1.852238
Annual Permit 2_str	BOBJ1	94.18	After	Right Exterior Girder	48.55	0.95	1	1	1.828473
Annual Permit 2_str	BOBJ1	100.3567	Before	Left Exterior Girder	54.7267	0.95	1	1	3.487388
Annual Permit 2_str	BOBJ1	100.3567	Before	Interior Girder 1	54.7267	0.95	1	1	3.173285
Annual Permit 2_str	BOBJ1	100.3567	Before	Interior Girder 2	54.7267	0.95	1	1	3.023942
Annual Permit 2_str	BOBJ1	100.3567	Before	Interior Girder 3	54.7267	0.95	1	1	2.869071
Annual Permit 2_str	BOBJ1	100.3567	Before	Interior Girder 4	54.7267	0.95	1	1	2.869071
Annual Permit 2_str	BOBJ1	100.3567	Before	Interior Girder 5	54.7267	0.95	1	1	3.023942
Annual Permit 2_str	BOBJ1	100.3567	Before	Interior Girder 6	54.7267	0.95	1	1	3.173285
Annual Permit 2_str	BOBJ1	100.3567	Before	Right Exterior Girder	54.7267	0.95	1	1	3.487388
Annual Permit 2_str	BOBJ1	100.3567	After	Left Exterior Girder	54.7267	0.95	1	1	3.553318
Annual Permit 2_str	BOBJ1	100.3567	After	Interior Girder 1	54.7267	0.95	1	1	3.190241
Annual Permit 2_str	BOBJ1	100.3567	After	Interior Girder 2	54.7267	0.95	1	1	2.995807
Annual Permit 2_str	BOBJ1	100.3567	After	Interior Girder 3	54.7267	0.95	1	1	2.768407
Annual Permit 2_str	BOBJ1	100.3567	After	Interior Girder 4	54.7267	0.95	1	1	2.768407
Annual Permit 2_str	BOBJ1	100.3567	After	Interior Girder 5	54.7267	0.95	1	1	2.995807
Annual Permit 2_str	BOBJ1	100.3567	After	Interior Girder 6	54.7267	0.95	1	1	3.190241
Annual Permit 2_str	BOBJ1	100.3567	After	Right Exterior Girder	54.7267	0.95	1	1	3.553318
Annual Permit 2_str	BOBJ1	106.5333	Before	Left Exterior Girder	60.9033	0.95	1	1	2.163156
Annual Permit 2_str	BOBJ1	106.5333	Before	Interior Girder 1	60.9033	0.95	1	1	2.872384
Annual Permit 2_str	BOBJ1	106.5333	Before	Interior Girder 2	60.9033	0.95	1	1	3.060543
Annual Permit 2_str	BOBJ1	106.5333	Before	Interior Girder 3	60.9033	0.95	1	1	2.674613
Annual Permit 2_str	BOBJ1	106.5333	Before	Interior Girder 4	60.9033	0.95	1	1	2.674613
Annual Permit 2_str	BOBJ1	106.5333	Before	Interior Girder 5	60.9033	0.95	1	1	3.060543
Annual Permit 2_str	BOBJ1	106.5333	Before	Interior Girder 6	60.9033	0.95	1	1	2.872384

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelINonCompStrgth-Flx - Approach, Span 16-19									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Annual Permit 2_str	BOBJ1	106.5333	Before	Right Exterior Girder	60.9033	0.95	1	1	2.163156
Annual Permit 2_str	BOBJ1	106.5333	After	Left Exterior Girder	60.9033	0.95	1	1	2.234273
Annual Permit 2_str	BOBJ1	106.5333	After	Interior Girder 1	60.9033	0.95	1	1	2.794406
Annual Permit 2_str	BOBJ1	106.5333	After	Interior Girder 2	60.9033	0.95	1	1	3.024514
Annual Permit 2_str	BOBJ1	106.5333	After	Interior Girder 3	60.9033	0.95	1	1	2.677476
Annual Permit 2_str	BOBJ1	106.5333	After	Interior Girder 4	60.9033	0.95	1	1	2.677476
Annual Permit 2_str	BOBJ1	106.5333	After	Interior Girder 5	60.9033	0.95	1	1	3.024514
Annual Permit 2_str	BOBJ1	106.5333	After	Interior Girder 6	60.9033	0.95	1	1	2.794406
Annual Permit 2_str	BOBJ1	106.5333	After	Right Exterior Girder	60.9033	0.95	1	1	2.234273
Annual Permit 2_str	BOBJ1	108.2102	Before	Left Exterior Girder	62.5802	0.95	1	1	1.605025
Annual Permit 2_str	BOBJ1	108.2102	Before	Right Exterior Girder	62.5802	0.95	1	1	1.605025
Annual Permit 2_str	BOBJ1	108.2102	After	Left Exterior Girder	62.5802	0.95	1	1	2.555868
Annual Permit 2_str	BOBJ1	108.2102	After	Right Exterior Girder	62.5802	0.95	1	1	2.555868
Annual Permit 2_str	BOBJ1	112.71	Before	Left Exterior Girder	67.08	0.95	1	1	1.071643
Annual Permit 2_str	BOBJ1	112.71	Before	Interior Girder 1	67.08	0.95	1	1	0.989069
Annual Permit 2_str	BOBJ1	112.71	Before	Interior Girder 2	67.08	0.95	1	1	1.058489
Annual Permit 2_str	BOBJ1	112.71	Before	Interior Girder 3	67.08	0.95	1	1	0.822067
Annual Permit 2_str	BOBJ1	112.71	Before	Interior Girder 4	67.08	0.95	1	1	0.822067
Annual Permit 2_str	BOBJ1	112.71	Before	Interior Girder 5	67.08	0.95	1	1	1.058489
Annual Permit 2_str	BOBJ1	112.71	Before	Interior Girder 6	67.08	0.95	1	1	0.989069
Annual Permit 2_str	BOBJ1	112.71	Before	Right Exterior Girder	67.08	0.95	1	1	1.071643
Annual Permit 2_str	BOBJ1	112.71	After	Left Exterior Girder	0	0.95	1	1	1.040817
Annual Permit 2_str	BOBJ1	112.71	After	Interior Girder 1	0	0.95	1	1	0.998611
Annual Permit 2_str	BOBJ1	112.71	After	Interior Girder 2	0	0.95	1	1	1.066114
Annual Permit 2_str	BOBJ1	112.71	After	Interior Girder 3	0	0.95	1	1	0.832212
Annual Permit 2_str	BOBJ1	112.71	After	Interior Girder 4	0	0.95	1	1	0.832212
Annual Permit 2_str	BOBJ1	112.71	After	Interior Girder 5	0	0.95	1	1	1.066114
Annual Permit 2_str	BOBJ1	112.71	After	Interior Girder 6	0	0.95	1	1	0.998611
Annual Permit 2_str	BOBJ1	112.71	After	Right Exterior Girder	0	0.95	1	1	1.040817
Annual Permit 2_str	BOBJ1	117.21	Before	Left Exterior Girder	4.5	0.95	1	1	1.730148
Annual Permit 2_str	BOBJ1	117.21	Before	Right Exterior Girder	4.5	0.95	1	1	1.730148
Annual Permit 2_str	BOBJ1	117.21	After	Left Exterior Girder	4.5	0.95	1	1	1.102565
Annual Permit 2_str	BOBJ1	117.21	After	Right Exterior Girder	4.5	0.95	1	1	1.102565
Annual Permit 2_str	BOBJ1	119.1	Before	Left Exterior Girder	6.39	0.95	1	1	1.364382
Annual Permit 2_str	BOBJ1	119.1	Before	Interior Girder 1	6.39	0.95	1	1	1.860671
Annual Permit 2_str	BOBJ1	119.1	Before	Interior Girder 2	6.39	0.95	1	1	2.167882
Annual Permit 2_str	BOBJ1	119.1	Before	Interior Girder 3	6.39	0.95	1	1	2.037183
Annual Permit 2_str	BOBJ1	119.1	Before	Interior Girder 4	6.39	0.95	1	1	2.037183
Annual Permit 2_str	BOBJ1	119.1	Before	Interior Girder 5	6.39	0.95	1	1	2.167882
Annual Permit 2_str	BOBJ1	119.1	Before	Interior Girder 6	6.39	0.95	1	1	1.860671
Annual Permit 2_str	BOBJ1	119.1	Before	Right Exterior Girder	6.39	0.95	1	1	1.364382
Annual Permit 2_str	BOBJ1	119.1	After	Left Exterior Girder	6.39	0.95	1	1	1.33018
Annual Permit 2_str	BOBJ1	119.1	After	Interior Girder 1	6.39	0.95	1	1	1.909857
Annual Permit 2_str	BOBJ1	119.1	After	Interior Girder 2	6.39	0.95	1	1	2.20031
Annual Permit 2_str	BOBJ1	119.1	After	Interior Girder 3	6.39	0.95	1	1	2.072544
Annual Permit 2_str	BOBJ1	119.1	After	Interior Girder 4	6.39	0.95	1	1	2.072544
Annual Permit 2_str	BOBJ1	119.1	After	Interior Girder 5	6.39	0.95	1	1	2.20031
Annual Permit 2_str	BOBJ1	119.1	After	Interior Girder 6	6.39	0.95	1	1	1.909857
Annual Permit 2_str	BOBJ1	119.1	After	Right Exterior Girder	6.39	0.95	1	1	1.33018
Annual Permit 2_str	BOBJ1	125.49	Before	Left Exterior Girder	12.78	0.95	1	1	2.197661
Annual Permit 2_str	BOBJ1	125.49	Before	Interior Girder 1	12.78	0.95	1	1	2.65918
Annual Permit 2_str	BOBJ1	125.49	Before	Interior Girder 2	12.78	0.95	1	1	2.868082
Annual Permit 2_str	BOBJ1	125.49	Before	Interior Girder 3	12.78	0.95	1	1	2.640189
Annual Permit 2_str	BOBJ1	125.49	Before	Interior Girder 4	12.78	0.95	1	1	2.640189
Annual Permit 2_str	BOBJ1	125.49	Before	Interior Girder 5	12.78	0.95	1	1	2.868082
Annual Permit 2_str	BOBJ1	125.49	Before	Interior Girder 6	12.78	0.95	1	1	2.65918
Annual Permit 2_str	BOBJ1	125.49	Before	Right Exterior Girder	12.78	0.95	1	1	2.197661
Annual Permit 2_str	BOBJ1	125.49	After	Left Exterior Girder	12.78	0.95	1	1	2.163204
Annual Permit 2_str	BOBJ1	125.49	After	Interior Girder 1	12.78	0.95	1	1	2.701126
Annual Permit 2_str	BOBJ1	125.49	After	Interior Girder 2	12.78	0.95	1	1	2.9193
Annual Permit 2_str	BOBJ1	125.49	After	Interior Girder 3	12.78	0.95	1	1	2.74695
Annual Permit 2_str	BOBJ1	125.49	After	Interior Girder 4	12.78	0.95	1	1	2.74695
Annual Permit 2_str	BOBJ1	125.49	After	Interior Girder 5	12.78	0.95	1	1	2.9193
Annual Permit 2_str	BOBJ1	125.49	After	Interior Girder 6	12.78	0.95	1	1	2.701126
Annual Permit 2_str	BOBJ1	125.49	After	Right Exterior Girder	12.78	0.95	1	1	2.163204

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelINonCompStrgth-Flx - Approach, Span 16-19									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Annual Permit 2_str	BOBJ1	131.88	Before	Left Exterior Girder	19.17	0.95	1	1	2.109742
Annual Permit 2_str	BOBJ1	131.88	Before	Interior Girder 1	19.17	0.95	1	1	2.074325
Annual Permit 2_str	BOBJ1	131.88	Before	Interior Girder 2	19.17	0.95	1	1	2.140322
Annual Permit 2_str	BOBJ1	131.88	Before	Interior Girder 3	19.17	0.95	1	1	2.031923
Annual Permit 2_str	BOBJ1	131.88	Before	Interior Girder 4	19.17	0.95	1	1	2.031923
Annual Permit 2_str	BOBJ1	131.88	Before	Interior Girder 5	19.17	0.95	1	1	2.140322
Annual Permit 2_str	BOBJ1	131.88	Before	Interior Girder 6	19.17	0.95	1	1	2.074325
Annual Permit 2_str	BOBJ1	131.88	Before	Right Exterior Girder	19.17	0.95	1	1	2.109742
Annual Permit 2_str	BOBJ1	131.88	After	Left Exterior Girder	19.17	0.95	1	1	2.136656
Annual Permit 2_str	BOBJ1	131.88	After	Interior Girder 1	19.17	0.95	1	1	2.056836
Annual Permit 2_str	BOBJ1	131.88	After	Interior Girder 2	19.17	0.95	1	1	2.143501
Annual Permit 2_str	BOBJ1	131.88	After	Interior Girder 3	19.17	0.95	1	1	2.064819
Annual Permit 2_str	BOBJ1	131.88	After	Interior Girder 4	19.17	0.95	1	1	2.064819
Annual Permit 2_str	BOBJ1	131.88	After	Interior Girder 5	19.17	0.95	1	1	2.143501
Annual Permit 2_str	BOBJ1	131.88	After	Interior Girder 6	19.17	0.95	1	1	2.056836
Annual Permit 2_str	BOBJ1	131.88	After	Right Exterior Girder	19.17	0.95	1	1	2.136656
Annual Permit 2_str	BOBJ1	138.27	Before	Left Exterior Girder	25.56	0.95	1	1	1.854153
Annual Permit 2_str	BOBJ1	138.27	Before	Interior Girder 1	25.56	0.95	1	1	1.598604
Annual Permit 2_str	BOBJ1	138.27	Before	Interior Girder 2	25.56	0.95	1	1	1.657904
Annual Permit 2_str	BOBJ1	138.27	Before	Interior Girder 3	25.56	0.95	1	1	1.507295
Annual Permit 2_str	BOBJ1	138.27	Before	Interior Girder 4	25.56	0.95	1	1	1.507295
Annual Permit 2_str	BOBJ1	138.27	Before	Interior Girder 5	25.56	0.95	1	1	1.657904
Annual Permit 2_str	BOBJ1	138.27	Before	Interior Girder 6	25.56	0.95	1	1	1.598604
Annual Permit 2_str	BOBJ1	138.27	Before	Right Exterior Girder	25.56	0.95	1	1	1.854153
Annual Permit 2_str	BOBJ1	138.27	After	Left Exterior Girder	25.56	0.95	1	1	1.877675
Annual Permit 2_str	BOBJ1	138.27	After	Interior Girder 1	25.56	0.95	1	1	1.585768
Annual Permit 2_str	BOBJ1	138.27	After	Interior Girder 2	25.56	0.95	1	1	1.647975
Annual Permit 2_str	BOBJ1	138.27	After	Interior Girder 3	25.56	0.95	1	1	1.505002
Annual Permit 2_str	BOBJ1	138.27	After	Interior Girder 4	25.56	0.95	1	1	1.505002
Annual Permit 2_str	BOBJ1	138.27	After	Interior Girder 5	25.56	0.95	1	1	1.647975
Annual Permit 2_str	BOBJ1	138.27	After	Interior Girder 6	25.56	0.95	1	1	1.585768
Annual Permit 2_str	BOBJ1	138.27	After	Right Exterior Girder	25.56	0.95	1	1	1.877675
Annual Permit 2_str	BOBJ1	144.66	Before	Left Exterior Girder	31.95	0.95	1	1	1.922654
Annual Permit 2_str	BOBJ1	144.66	Before	Interior Girder 1	31.95	0.95	1	1	1.60239
Annual Permit 2_str	BOBJ1	144.66	Before	Interior Girder 2	31.95	0.95	1	1	1.662244
Annual Permit 2_str	BOBJ1	144.66	Before	Interior Girder 3	31.95	0.95	1	1	1.517575
Annual Permit 2_str	BOBJ1	144.66	Before	Interior Girder 4	31.95	0.95	1	1	1.517575
Annual Permit 2_str	BOBJ1	144.66	Before	Interior Girder 5	31.95	0.95	1	1	1.662244
Annual Permit 2_str	BOBJ1	144.66	Before	Interior Girder 6	31.95	0.95	1	1	1.60239
Annual Permit 2_str	BOBJ1	144.66	Before	Right Exterior Girder	31.95	0.95	1	1	1.922654
Annual Permit 2_str	BOBJ1	144.66	After	Left Exterior Girder	31.95	0.95	1	1	1.89263
Annual Permit 2_str	BOBJ1	144.66	After	Interior Girder 1	31.95	0.95	1	1	1.618999
Annual Permit 2_str	BOBJ1	144.66	After	Interior Girder 2	31.95	0.95	1	1	1.672246
Annual Permit 2_str	BOBJ1	144.66	After	Interior Girder 3	31.95	0.95	1	1	1.517143
Annual Permit 2_str	BOBJ1	144.66	After	Interior Girder 4	31.95	0.95	1	1	1.517143
Annual Permit 2_str	BOBJ1	144.66	After	Interior Girder 5	31.95	0.95	1	1	1.672246
Annual Permit 2_str	BOBJ1	144.66	After	Interior Girder 6	31.95	0.95	1	1	1.618999
Annual Permit 2_str	BOBJ1	144.66	After	Right Exterior Girder	31.95	0.95	1	1	1.89263
Annual Permit 2_str	BOBJ1	151.05	Before	Left Exterior Girder	38.34	0.95	1	1	2.289284
Annual Permit 2_str	BOBJ1	151.05	Before	Interior Girder 1	38.34	0.95	1	1	2.132798
Annual Permit 2_str	BOBJ1	151.05	Before	Interior Girder 2	38.34	0.95	1	1	2.211979
Annual Permit 2_str	BOBJ1	151.05	Before	Interior Girder 3	38.34	0.95	1	1	2.121066
Annual Permit 2_str	BOBJ1	151.05	Before	Interior Girder 4	38.34	0.95	1	1	2.121066
Annual Permit 2_str	BOBJ1	151.05	Before	Interior Girder 5	38.34	0.95	1	1	2.211979
Annual Permit 2_str	BOBJ1	151.05	Before	Interior Girder 6	38.34	0.95	1	1	2.132798
Annual Permit 2_str	BOBJ1	151.05	Before	Right Exterior Girder	38.34	0.95	1	1	2.289284
Annual Permit 2_str	BOBJ1	151.05	After	Left Exterior Girder	38.34	0.95	1	1	2.253006
Annual Permit 2_str	BOBJ1	151.05	After	Interior Girder 1	38.34	0.95	1	1	2.15773
Annual Permit 2_str	BOBJ1	151.05	After	Interior Girder 2	38.34	0.95	1	1	2.207906
Annual Permit 2_str	BOBJ1	151.05	After	Interior Girder 3	38.34	0.95	1	1	2.081656
Annual Permit 2_str	BOBJ1	151.05	After	Interior Girder 4	38.34	0.95	1	1	2.081656
Annual Permit 2_str	BOBJ1	151.05	After	Interior Girder 5	38.34	0.95	1	1	2.207906
Annual Permit 2_str	BOBJ1	151.05	After	Interior Girder 6	38.34	0.95	1	1	2.15773
Annual Permit 2_str	BOBJ1	151.05	After	Right Exterior Girder	38.34	0.95	1	1	2.253006
Annual Permit 2_str	BOBJ1	157.4367	Before	Left Exterior Girder	44.7267	0.95	1	1	2.359444

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelINonCompStrgth-Flx - Approach, Span 16-19									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Annual Permit 2_str	BOBJ1	157.4367	Before	Interior Girder 1	44.7267	0.95	1	1	2.485528
Annual Permit 2_str	BOBJ1	157.4367	Before	Interior Girder 2	44.7267	0.95	1	1	2.815927
Annual Permit 2_str	BOBJ1	157.4367	Before	Interior Girder 3	44.7267	0.95	1	1	2.812067
Annual Permit 2_str	BOBJ1	157.4367	Before	Interior Girder 4	44.7267	0.95	1	1	2.812067
Annual Permit 2_str	BOBJ1	157.4367	Before	Interior Girder 5	44.7267	0.95	1	1	2.815927
Annual Permit 2_str	BOBJ1	157.4367	Before	Interior Girder 6	44.7267	0.95	1	1	2.485528
Annual Permit 2_str	BOBJ1	157.4367	Before	Right Exterior Girder	44.7267	0.95	1	1	2.359444
Annual Permit 2_str	BOBJ1	157.4367	After	Left Exterior Girder	44.7267	0.95	1	1	2.387985
Annual Permit 2_str	BOBJ1	157.4367	After	Interior Girder 1	44.7267	0.95	1	1	2.457483
Annual Permit 2_str	BOBJ1	157.4367	After	Interior Girder 2	44.7267	0.95	1	1	2.801761
Annual Permit 2_str	BOBJ1	157.4367	After	Interior Girder 3	44.7267	0.95	1	1	2.810843
Annual Permit 2_str	BOBJ1	157.4367	After	Interior Girder 4	44.7267	0.95	1	1	2.810843
Annual Permit 2_str	BOBJ1	157.4367	After	Interior Girder 5	44.7267	0.95	1	1	2.801761
Annual Permit 2_str	BOBJ1	157.4367	After	Interior Girder 6	44.7267	0.95	1	1	2.457483
Annual Permit 2_str	BOBJ1	157.4367	After	Right Exterior Girder	44.7267	0.95	1	1	2.387985
Annual Permit 2_str	BOBJ1	158.71	Before	Left Exterior Girder	46	0.95	1	1	2.170807
Annual Permit 2_str	BOBJ1	158.71	Before	Interior Girder 1	46	0.95	1	1	2.303128
Annual Permit 2_str	BOBJ1	158.71	Before	Interior Girder 2	46	0.95	1	1	2.60972
Annual Permit 2_str	BOBJ1	158.71	Before	Interior Girder 3	46	0.95	1	1	2.54913
Annual Permit 2_str	BOBJ1	158.71	Before	Interior Girder 4	46	0.95	1	1	2.54913
Annual Permit 2_str	BOBJ1	158.71	Before	Interior Girder 5	46	0.95	1	1	2.60972
Annual Permit 2_str	BOBJ1	158.71	Before	Interior Girder 6	46	0.95	1	1	2.303128
Annual Permit 2_str	BOBJ1	158.71	Before	Right Exterior Girder	46	0.95	1	1	2.170807
Annual Permit 2_str	BOBJ1	158.71	After	Left Exterior Girder	46	0.95	1	1	3.010592
Annual Permit 2_str	BOBJ1	158.71	After	Interior Girder 1	46	0.95	1	1	2.893605
Annual Permit 2_str	BOBJ1	158.71	After	Interior Girder 2	46	0.95	1	1	3.271706
Annual Permit 2_str	BOBJ1	158.71	After	Interior Girder 3	46	0.95	1	1	3.216771
Annual Permit 2_str	BOBJ1	158.71	After	Interior Girder 4	46	0.95	1	1	3.216771
Annual Permit 2_str	BOBJ1	158.71	After	Interior Girder 5	46	0.95	1	1	3.271706
Annual Permit 2_str	BOBJ1	158.71	After	Interior Girder 6	46	0.95	1	1	2.893605
Annual Permit 2_str	BOBJ1	158.71	After	Right Exterior Girder	46	0.95	1	1	3.010592
Annual Permit 2_str	BOBJ1	163.8233	Before	Left Exterior Girder	51.1133	0.95	1	1	2.117287
Annual Permit 2_str	BOBJ1	163.8233	Before	Interior Girder 1	51.1133	0.95	1	1	2.22514
Annual Permit 2_str	BOBJ1	163.8233	Before	Interior Girder 2	51.1133	0.95	1	1	2.494781
Annual Permit 2_str	BOBJ1	163.8233	Before	Interior Girder 3	51.1133	0.95	1	1	2.254848
Annual Permit 2_str	BOBJ1	163.8233	Before	Interior Girder 4	51.1133	0.95	1	1	2.254848
Annual Permit 2_str	BOBJ1	163.8233	Before	Interior Girder 5	51.1133	0.95	1	1	2.494781
Annual Permit 2_str	BOBJ1	163.8233	Before	Interior Girder 6	51.1133	0.95	1	1	2.22514
Annual Permit 2_str	BOBJ1	163.8233	Before	Right Exterior Girder	51.1133	0.95	1	1	2.117287
Annual Permit 2_str	BOBJ1	163.8233	After	Left Exterior Girder	51.1133	0.95	1	1	2.166988
Annual Permit 2_str	BOBJ1	163.8233	After	Interior Girder 1	51.1133	0.95	1	1	2.164656
Annual Permit 2_str	BOBJ1	163.8233	After	Interior Girder 2	51.1133	0.95	1	1	2.438958
Annual Permit 2_str	BOBJ1	163.8233	After	Interior Girder 3	51.1133	0.95	1	1	2.201355
Annual Permit 2_str	BOBJ1	163.8233	After	Interior Girder 4	51.1133	0.95	1	1	2.201355
Annual Permit 2_str	BOBJ1	163.8233	After	Interior Girder 5	51.1133	0.95	1	1	2.438958
Annual Permit 2_str	BOBJ1	163.8233	After	Interior Girder 6	51.1133	0.95	1	1	2.164656
Annual Permit 2_str	BOBJ1	163.8233	After	Right Exterior Girder	51.1133	0.95	1	1	2.166988
Annual Permit 2_str	BOBJ1	164.71	Before	Left Exterior Girder	52	0.95	1	1	2.008198
Annual Permit 2_str	BOBJ1	164.71	Before	Right Exterior Girder	52	0.95	1	1	2.008198
Annual Permit 2_str	BOBJ1	164.71	After	Left Exterior Girder	52	0.95	1	1	3.168784
Annual Permit 2_str	BOBJ1	164.71	After	Right Exterior Girder	52	0.95	1	1	3.168784
Annual Permit 2_str	BOBJ1	170.21	Before	Left Exterior Girder	57.5	0.95	1	1	1.775307
Annual Permit 2_str	BOBJ1	170.21	Before	Interior Girder 1	57.5	0.95	1	1	1.009736
Annual Permit 2_str	BOBJ1	170.21	Before	Interior Girder 2	57.5	0.95	1	1	1.068213
Annual Permit 2_str	BOBJ1	170.21	Before	Interior Girder 3	57.5	0.95	1	1	0.812085
Annual Permit 2_str	BOBJ1	170.21	Before	Interior Girder 4	57.5	0.95	1	1	0.812085
Annual Permit 2_str	BOBJ1	170.21	Before	Interior Girder 5	57.5	0.95	1	1	1.068213
Annual Permit 2_str	BOBJ1	170.21	Before	Interior Girder 6	57.5	0.95	1	1	1.009736
Annual Permit 2_str	BOBJ1	170.21	Before	Right Exterior Girder	57.5	0.95	1	1	1.775307
Annual Permit 2_str	BOBJ1	170.21	After	Left Exterior Girder	0	0.95	1	1	1.802924
Annual Permit 2_str	BOBJ1	170.21	After	Interior Girder 1	0	0.95	1	1	1.338689
Annual Permit 2_str	BOBJ1	170.21	After	Interior Girder 2	0	0.95	1	1	1.387057
Annual Permit 2_str	BOBJ1	170.21	After	Interior Girder 3	0	0.95	1	1	1.072978
Annual Permit 2_str	BOBJ1	170.21	After	Interior Girder 4	0	0.95	1	1	1.072978
Annual Permit 2_str	BOBJ1	170.21	After	Interior Girder 5	0	0.95	1	1	1.387057

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelINonCompStrgth-Flx - Approach, Span 16-19									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Annual Permit 2_str	BOBJ1	170.21	After	Interior Girder 6	0	0.95	1	1	1.338689
Annual Permit 2_str	BOBJ1	170.21	After	Right Exterior Girder	0	0.95	1	1	1.802924
Annual Permit 2_str	BOBJ1	176.21	Before	Left Exterior Girder	6	0.95	1	1	3.901656
Annual Permit 2_str	BOBJ1	176.21	Before	Right Exterior Girder	6	0.95	1	1	3.901656
Annual Permit 2_str	BOBJ1	176.21	After	Left Exterior Girder	6	0.95	1	1	2.543607
Annual Permit 2_str	BOBJ1	176.21	After	Right Exterior Girder	6	0.95	1	1	2.543607
Annual Permit 2_str	BOBJ1	176.6	Before	Left Exterior Girder	6.39	0.95	1	1	2.635785
Annual Permit 2_str	BOBJ1	176.6	Before	Interior Girder 1	6.39	0.95	1	1	3.147087
Annual Permit 2_str	BOBJ1	176.6	Before	Interior Girder 2	6.39	0.95	1	1	3.437253
Annual Permit 2_str	BOBJ1	176.6	Before	Interior Girder 3	6.39	0.95	1	1	3.113635
Annual Permit 2_str	BOBJ1	176.6	Before	Interior Girder 4	6.39	0.95	1	1	3.113635
Annual Permit 2_str	BOBJ1	176.6	Before	Interior Girder 5	6.39	0.95	1	1	3.437253
Annual Permit 2_str	BOBJ1	176.6	Before	Interior Girder 6	6.39	0.95	1	1	3.147087
Annual Permit 2_str	BOBJ1	176.6	Before	Right Exterior Girder	6.39	0.95	1	1	2.635785
Annual Permit 2_str	BOBJ1	176.6	After	Left Exterior Girder	6.39	0.95	1	1	2.557772
Annual Permit 2_str	BOBJ1	176.6	After	Interior Girder 1	6.39	0.95	1	1	3.237644
Annual Permit 2_str	BOBJ1	176.6	After	Interior Girder 2	6.39	0.95	1	1	3.520353
Annual Permit 2_str	BOBJ1	176.6	After	Interior Girder 3	6.39	0.95	1	1	3.200871
Annual Permit 2_str	BOBJ1	176.6	After	Interior Girder 4	6.39	0.95	1	1	3.200871
Annual Permit 2_str	BOBJ1	176.6	After	Interior Girder 5	6.39	0.95	1	1	3.520353
Annual Permit 2_str	BOBJ1	176.6	After	Interior Girder 6	6.39	0.95	1	1	3.237644
Annual Permit 2_str	BOBJ1	176.6	After	Right Exterior Girder	6.39	0.95	1	1	2.557772
Annual Permit 2_str	BOBJ1	182.99	Before	Left Exterior Girder	12.78	0.95	1	1	3.902907
Annual Permit 2_str	BOBJ1	182.99	Before	Interior Girder 1	12.78	0.95	1	1	3.307486
Annual Permit 2_str	BOBJ1	182.99	Before	Interior Girder 2	12.78	0.95	1	1	3.147259
Annual Permit 2_str	BOBJ1	182.99	Before	Interior Girder 3	12.78	0.95	1	1	2.937207
Annual Permit 2_str	BOBJ1	182.99	Before	Interior Girder 4	12.78	0.95	1	1	2.937207
Annual Permit 2_str	BOBJ1	182.99	Before	Interior Girder 5	12.78	0.95	1	1	3.147259
Annual Permit 2_str	BOBJ1	182.99	Before	Interior Girder 6	12.78	0.95	1	1	3.307486
Annual Permit 2_str	BOBJ1	182.99	Before	Right Exterior Girder	12.78	0.95	1	1	3.902907
Annual Permit 2_str	BOBJ1	182.99	After	Left Exterior Girder	12.78	0.95	1	1	3.847783
Annual Permit 2_str	BOBJ1	182.99	After	Interior Girder 1	12.78	0.95	1	1	3.28891
Annual Permit 2_str	BOBJ1	182.99	After	Interior Girder 2	12.78	0.95	1	1	3.204271
Annual Permit 2_str	BOBJ1	182.99	After	Interior Girder 3	12.78	0.95	1	1	3.077112
Annual Permit 2_str	BOBJ1	182.99	After	Interior Girder 4	12.78	0.95	1	1	3.077112
Annual Permit 2_str	BOBJ1	182.99	After	Interior Girder 5	12.78	0.95	1	1	3.204271
Annual Permit 2_str	BOBJ1	182.99	After	Interior Girder 6	12.78	0.95	1	1	3.28891
Annual Permit 2_str	BOBJ1	182.99	After	Right Exterior Girder	12.78	0.95	1	1	3.847783
Annual Permit 2_str	BOBJ1	189.38	Before	Left Exterior Girder	19.17	0.95	1	1	2.181081
Annual Permit 2_str	BOBJ1	189.38	Before	Interior Girder 1	19.17	0.95	1	1	2.016796
Annual Permit 2_str	BOBJ1	189.38	Before	Interior Girder 2	19.17	0.95	1	1	2.103145
Annual Permit 2_str	BOBJ1	189.38	Before	Interior Girder 3	19.17	0.95	1	1	2.014302
Annual Permit 2_str	BOBJ1	189.38	Before	Interior Girder 4	19.17	0.95	1	1	2.014302
Annual Permit 2_str	BOBJ1	189.38	Before	Interior Girder 5	19.17	0.95	1	1	2.103145
Annual Permit 2_str	BOBJ1	189.38	Before	Interior Girder 6	19.17	0.95	1	1	2.016796
Annual Permit 2_str	BOBJ1	189.38	Before	Right Exterior Girder	19.17	0.95	1	1	2.181081
Annual Permit 2_str	BOBJ1	189.38	After	Left Exterior Girder	19.17	0.95	1	1	2.225705
Annual Permit 2_str	BOBJ1	189.38	After	Interior Girder 1	19.17	0.95	1	1	1.988593
Annual Permit 2_str	BOBJ1	189.38	After	Interior Girder 2	19.17	0.95	1	1	2.106658
Annual Permit 2_str	BOBJ1	189.38	After	Interior Girder 3	19.17	0.95	1	1	2.055867
Annual Permit 2_str	BOBJ1	189.38	After	Interior Girder 4	19.17	0.95	1	1	2.055867
Annual Permit 2_str	BOBJ1	189.38	After	Interior Girder 5	19.17	0.95	1	1	2.106658
Annual Permit 2_str	BOBJ1	189.38	After	Interior Girder 6	19.17	0.95	1	1	1.988593
Annual Permit 2_str	BOBJ1	189.38	After	Right Exterior Girder	19.17	0.95	1	1	2.225705
Annual Permit 2_str	BOBJ1	195.77	Before	Left Exterior Girder	25.56	0.95	1	1	1.635122
Annual Permit 2_str	BOBJ1	195.77	Before	Interior Girder 1	25.56	0.95	1	1	1.378163
Annual Permit 2_str	BOBJ1	195.77	Before	Interior Girder 2	25.56	0.95	1	1	1.47123
Annual Permit 2_str	BOBJ1	195.77	Before	Interior Girder 3	25.56	0.95	1	1	1.365866
Annual Permit 2_str	BOBJ1	195.77	Before	Interior Girder 4	25.56	0.95	1	1	1.365866
Annual Permit 2_str	BOBJ1	195.77	Before	Interior Girder 5	25.56	0.95	1	1	1.47123
Annual Permit 2_str	BOBJ1	195.77	Before	Interior Girder 6	25.56	0.95	1	1	1.378163
Annual Permit 2_str	BOBJ1	195.77	Before	Right Exterior Girder	25.56	0.95	1	1	1.635122
Annual Permit 2_str	BOBJ1	195.77	After	Left Exterior Girder	25.56	0.95	1	1	1.667119
Annual Permit 2_str	BOBJ1	195.77	After	Interior Girder 1	25.56	0.95	1	1	1.360428
Annual Permit 2_str	BOBJ1	195.77	After	Interior Girder 2	25.56	0.95	1	1	1.46313

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelINonCompStrgth-Flx - Approach, Span 16-19									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Annual Permit 2_str	BOBJ1	195.77	After	Interior Girder 3	25.56	0.95	1	1	1.368623
Annual Permit 2_str	BOBJ1	195.77	After	Interior Girder 4	25.56	0.95	1	1	1.368623
Annual Permit 2_str	BOBJ1	195.77	After	Interior Girder 5	25.56	0.95	1	1	1.46313
Annual Permit 2_str	BOBJ1	195.77	After	Interior Girder 6	25.56	0.95	1	1	1.360428
Annual Permit 2_str	BOBJ1	195.77	After	Right Exterior Girder	25.56	0.95	1	1	1.667119
Annual Permit 2_str	BOBJ1	202.16	Before	Left Exterior Girder	31.95	0.95	1	1	1.430418
Annual Permit 2_str	BOBJ1	202.16	Before	Interior Girder 1	31.95	0.95	1	1	1.207485
Annual Permit 2_str	BOBJ1	202.16	Before	Interior Girder 2	31.95	0.95	1	1	1.320029
Annual Permit 2_str	BOBJ1	202.16	Before	Interior Girder 3	31.95	0.95	1	1	1.236881
Annual Permit 2_str	BOBJ1	202.16	Before	Interior Girder 4	31.95	0.95	1	1	1.236881
Annual Permit 2_str	BOBJ1	202.16	Before	Interior Girder 5	31.95	0.95	1	1	1.320029
Annual Permit 2_str	BOBJ1	202.16	Before	Interior Girder 6	31.95	0.95	1	1	1.207485
Annual Permit 2_str	BOBJ1	202.16	Before	Right Exterior Girder	31.95	0.95	1	1	1.430418
Annual Permit 2_str	BOBJ1	202.16	After	Left Exterior Girder	31.95	0.95	1	1	1.418761
Annual Permit 2_str	BOBJ1	202.16	After	Interior Girder 1	31.95	0.95	1	1	1.212765
Annual Permit 2_str	BOBJ1	202.16	After	Interior Girder 2	31.95	0.95	1	1	1.329769
Annual Permit 2_str	BOBJ1	202.16	After	Interior Girder 3	31.95	0.95	1	1	1.246678
Annual Permit 2_str	BOBJ1	202.16	After	Interior Girder 4	31.95	0.95	1	1	1.246678
Annual Permit 2_str	BOBJ1	202.16	After	Interior Girder 5	31.95	0.95	1	1	1.329769
Annual Permit 2_str	BOBJ1	202.16	After	Interior Girder 6	31.95	0.95	1	1	1.212765
Annual Permit 2_str	BOBJ1	202.16	After	Right Exterior Girder	31.95	0.95	1	1	1.418761
Annual Permit 2_str	BOBJ1	208.55	Before	Left Exterior Girder	38.34	0.95	1	1	1.415863
Annual Permit 2_str	BOBJ1	208.55	Before	Interior Girder 1	38.34	0.95	1	1	1.305518
Annual Permit 2_str	BOBJ1	208.55	Before	Interior Girder 2	38.34	0.95	1	1	1.443726
Annual Permit 2_str	BOBJ1	208.55	Before	Interior Girder 3	38.34	0.95	1	1	1.41454
Annual Permit 2_str	BOBJ1	208.55	Before	Interior Girder 4	38.34	0.95	1	1	1.41454
Annual Permit 2_str	BOBJ1	208.55	Before	Interior Girder 5	38.34	0.95	1	1	1.443726
Annual Permit 2_str	BOBJ1	208.55	Before	Interior Girder 6	38.34	0.95	1	1	1.305518
Annual Permit 2_str	BOBJ1	208.55	Before	Right Exterior Girder	38.34	0.95	1	1	1.415863
Annual Permit 2_str	BOBJ1	208.55	After	Left Exterior Girder	38.34	0.95	1	1	1.399271
Annual Permit 2_str	BOBJ1	208.55	After	Interior Girder 1	38.34	0.95	1	1	1.315412
Annual Permit 2_str	BOBJ1	208.55	After	Interior Girder 2	38.34	0.95	1	1	1.443808
Annual Permit 2_str	BOBJ1	208.55	After	Interior Girder 3	38.34	0.95	1	1	1.405429
Annual Permit 2_str	BOBJ1	208.55	After	Interior Girder 4	38.34	0.95	1	1	1.405429
Annual Permit 2_str	BOBJ1	208.55	After	Interior Girder 5	38.34	0.95	1	1	1.443808
Annual Permit 2_str	BOBJ1	208.55	After	Interior Girder 6	38.34	0.95	1	1	1.315412
Annual Permit 2_str	BOBJ1	208.55	After	Right Exterior Girder	38.34	0.95	1	1	1.399271
Annual Permit 2_str	BOBJ1	215.1233	Before	Left Exterior Girder	44.9133	0.95	1	1	1.942123
Annual Permit 2_str	BOBJ1	215.1233	Before	Interior Girder 1	44.9133	0.95	1	1	1.515853
Annual Permit 2_str	BOBJ1	215.1233	Before	Interior Girder 2	44.9133	0.95	1	1	1.609743
Annual Permit 2_str	BOBJ1	215.1233	Before	Interior Girder 3	44.9133	0.95	1	1	1.480713
Annual Permit 2_str	BOBJ1	215.1233	Before	Interior Girder 4	44.9133	0.95	1	1	1.480713
Annual Permit 2_str	BOBJ1	215.1233	Before	Interior Girder 5	44.9133	0.95	1	1	1.609743
Annual Permit 2_str	BOBJ1	215.1233	Before	Interior Girder 6	44.9133	0.95	1	1	1.515853
Annual Permit 2_str	BOBJ1	215.1233	Before	Right Exterior Girder	44.9133	0.95	1	1	1.942123
Annual Permit 2_str	BOBJ1	215.1233	After	Left Exterior Girder	44.9133	0.95	1	1	1.920552
Annual Permit 2_str	BOBJ1	215.1233	After	Interior Girder 1	44.9133	0.95	1	1	1.524784
Annual Permit 2_str	BOBJ1	215.1233	After	Interior Girder 2	44.9133	0.95	1	1	1.587124
Annual Permit 2_str	BOBJ1	215.1233	After	Interior Girder 3	44.9133	0.95	1	1	1.445287
Annual Permit 2_str	BOBJ1	215.1233	After	Interior Girder 4	44.9133	0.95	1	1	1.445287
Annual Permit 2_str	BOBJ1	215.1233	After	Interior Girder 5	44.9133	0.95	1	1	1.587124
Annual Permit 2_str	BOBJ1	215.1233	After	Interior Girder 6	44.9133	0.95	1	1	1.524784
Annual Permit 2_str	BOBJ1	215.1233	After	Right Exterior Girder	44.9133	0.95	1	1	1.920552
Annual Permit 2_str	BOBJ1	221.6967	Before	Left Exterior Girder	51.4867	0.95	1	1	3.886644
Annual Permit 2_str	BOBJ1	221.6967	Before	Interior Girder 1	51.4867	0.95	1	1	2.581644
Annual Permit 2_str	BOBJ1	221.6967	Before	Interior Girder 2	51.4867	0.95	1	1	2.623003
Annual Permit 2_str	BOBJ1	221.6967	Before	Interior Girder 3	51.4867	0.95	1	1	2.363082
Annual Permit 2_str	BOBJ1	221.6967	Before	Interior Girder 4	51.4867	0.95	1	1	2.363082
Annual Permit 2_str	BOBJ1	221.6967	Before	Interior Girder 5	51.4867	0.95	1	1	2.623003
Annual Permit 2_str	BOBJ1	221.6967	Before	Interior Girder 6	51.4867	0.95	1	1	2.581644
Annual Permit 2_str	BOBJ1	221.6967	Before	Right Exterior Girder	51.4867	0.95	1	1	3.886644
Annual Permit 2_str	BOBJ1	221.6967	After	Left Exterior Girder	51.4867	0.95	1	1	3.811802
Annual Permit 2_str	BOBJ1	221.6967	After	Interior Girder 1	51.4867	0.95	1	1	2.614155
Annual Permit 2_str	BOBJ1	221.6967	After	Interior Girder 2	51.4867	0.95	1	1	2.563608
Annual Permit 2_str	BOBJ1	221.6967	After	Interior Girder 3	51.4867	0.95	1	1	2.261976

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelINonCompStrgth-Flx - Approach, Span 16-19									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Annual Permit 2_str	BOBJ1	221.6967	After	Interior Girder 4	51.4867	0.95	1	1	2.261976
Annual Permit 2_str	BOBJ1	221.6967	After	Interior Girder 5	51.4867	0.95	1	1	2.563608
Annual Permit 2_str	BOBJ1	221.6967	After	Interior Girder 6	51.4867	0.95	1	1	2.614155
Annual Permit 2_str	BOBJ1	221.6967	After	Right Exterior Girder	51.4867	0.95	1	1	3.811802
Annual Permit 2_str	BOBJ1	228.27	Before	Left Exterior Girder	58.06	0.95	1	1	273.727728
Annual Permit 2_str	BOBJ1	228.27	Before	Interior Girder 1	58.06	0.95	1	1	225.683671
Annual Permit 2_str	BOBJ1	228.27	Before	Interior Girder 2	58.06	0.95	1	1	162.850878
Annual Permit 2_str	BOBJ1	228.27	Before	Interior Girder 3	58.06	0.95	1	1	114.599349
Annual Permit 2_str	BOBJ1	228.27	Before	Interior Girder 4	58.06	0.95	1	1	114.599348
Annual Permit 2_str	BOBJ1	228.27	Before	Interior Girder 5	58.06	0.95	1	1	162.850878
Annual Permit 2_str	BOBJ1	228.27	Before	Interior Girder 6	58.06	0.95	1	1	225.683671
Annual Permit 2_str	BOBJ1	228.27	Before	Right Exterior Girder	58.06	0.95	1	1	273.727728
Overweight Permit_str	BOBJ1	0	After	Left Exterior Girder	0	0.95	1	1	362.09906
Overweight Permit_str	BOBJ1	0	After	Interior Girder 1	0	0.95	1	1	323.492468
Overweight Permit_str	BOBJ1	0	After	Interior Girder 2	0	0.95	1	1	240.74378
Overweight Permit_str	BOBJ1	0	After	Interior Girder 3	0	0.95	1	1	199.348121
Overweight Permit_str	BOBJ1	0	After	Interior Girder 4	0	0.95	1	1	199.348121
Overweight Permit_str	BOBJ1	0	After	Interior Girder 5	0	0.95	1	1	240.743783
Overweight Permit_str	BOBJ1	0	After	Interior Girder 6	0	0.95	1	1	323.492468
Overweight Permit_str	BOBJ1	0	After	Right Exterior Girder	0	0.95	1	1	362.09906
Overweight Permit_str	BOBJ1	5.3833	Before	Left Exterior Girder	5.3833	0.95	1	1	4.832275
Overweight Permit_str	BOBJ1	5.3833	Before	Interior Girder 1	5.3833	0.95	1	1	3.925268
Overweight Permit_str	BOBJ1	5.3833	Before	Interior Girder 2	5.3833	0.95	1	1	3.867455
Overweight Permit_str	BOBJ1	5.3833	Before	Interior Girder 3	5.3833	0.95	1	1	3.428447
Overweight Permit_str	BOBJ1	5.3833	Before	Interior Girder 4	5.3833	0.95	1	1	3.428447
Overweight Permit_str	BOBJ1	5.3833	Before	Interior Girder 5	5.3833	0.95	1	1	3.867455
Overweight Permit_str	BOBJ1	5.3833	Before	Interior Girder 6	5.3833	0.95	1	1	3.925268
Overweight Permit_str	BOBJ1	5.3833	Before	Right Exterior Girder	5.3833	0.95	1	1	4.832275
Overweight Permit_str	BOBJ1	5.3833	After	Left Exterior Girder	5.3833	0.95	1	1	4.923212
Overweight Permit_str	BOBJ1	5.3833	After	Interior Girder 1	5.3833	0.95	1	1	3.92571
Overweight Permit_str	BOBJ1	5.3833	After	Interior Girder 2	5.3833	0.95	1	1	3.979917
Overweight Permit_str	BOBJ1	5.3833	After	Interior Girder 3	5.3833	0.95	1	1	3.555148
Overweight Permit_str	BOBJ1	5.3833	After	Interior Girder 4	5.3833	0.95	1	1	3.555148
Overweight Permit_str	BOBJ1	5.3833	After	Interior Girder 5	5.3833	0.95	1	1	3.979917
Overweight Permit_str	BOBJ1	5.3833	After	Interior Girder 6	5.3833	0.95	1	1	3.92571
Overweight Permit_str	BOBJ1	5.3833	After	Right Exterior Girder	5.3833	0.95	1	1	4.923212
Overweight Permit_str	BOBJ1	10.7667	Before	Left Exterior Girder	10.7667	0.95	1	1	2.644864
Overweight Permit_str	BOBJ1	10.7667	Before	Interior Girder 1	10.7667	0.95	1	1	2.449853
Overweight Permit_str	BOBJ1	10.7667	Before	Interior Girder 2	10.7667	0.95	1	1	2.544437
Overweight Permit_str	BOBJ1	10.7667	Before	Interior Girder 3	10.7667	0.95	1	1	2.31399
Overweight Permit_str	BOBJ1	10.7667	Before	Interior Girder 4	10.7667	0.95	1	1	2.31399
Overweight Permit_str	BOBJ1	10.7667	Before	Interior Girder 5	10.7667	0.95	1	1	2.544437
Overweight Permit_str	BOBJ1	10.7667	Before	Interior Girder 6	10.7667	0.95	1	1	2.449853
Overweight Permit_str	BOBJ1	10.7667	Before	Right Exterior Girder	10.7667	0.95	1	1	2.644864
Overweight Permit_str	BOBJ1	10.7667	After	Left Exterior Girder	10.7667	0.95	1	1	2.687724
Overweight Permit_str	BOBJ1	10.7667	After	Interior Girder 1	10.7667	0.95	1	1	2.450406
Overweight Permit_str	BOBJ1	10.7667	After	Interior Girder 2	10.7667	0.95	1	1	2.595854
Overweight Permit_str	BOBJ1	10.7667	After	Interior Girder 3	10.7667	0.95	1	1	2.368774
Overweight Permit_str	BOBJ1	10.7667	After	Interior Girder 4	10.7667	0.95	1	1	2.368774
Overweight Permit_str	BOBJ1	10.7667	After	Interior Girder 5	10.7667	0.95	1	1	2.595854
Overweight Permit_str	BOBJ1	10.7667	After	Interior Girder 6	10.7667	0.95	1	1	2.450406
Overweight Permit_str	BOBJ1	10.7667	After	Right Exterior Girder	10.7667	0.95	1	1	2.687724
Overweight Permit_str	BOBJ1	16.15	Before	Left Exterior Girder	16.15	0.95	1	1	2.123768
Overweight Permit_str	BOBJ1	16.15	Before	Interior Girder 1	16.15	0.95	1	1	2.281895
Overweight Permit_str	BOBJ1	16.15	Before	Interior Girder 2	16.15	0.95	1	1	2.397937
Overweight Permit_str	BOBJ1	16.15	Before	Interior Girder 3	16.15	0.95	1	1	2.307624
Overweight Permit_str	BOBJ1	16.15	Before	Interior Girder 4	16.15	0.95	1	1	2.307624
Overweight Permit_str	BOBJ1	16.15	Before	Interior Girder 5	16.15	0.95	1	1	2.397937
Overweight Permit_str	BOBJ1	16.15	Before	Interior Girder 6	16.15	0.95	1	1	2.281895
Overweight Permit_str	BOBJ1	16.15	Before	Right Exterior Girder	16.15	0.95	1	1	2.123768
Overweight Permit_str	BOBJ1	16.15	After	Left Exterior Girder	16.15	0.95	1	1	2.143419
Overweight Permit_str	BOBJ1	16.15	After	Interior Girder 1	16.15	0.95	1	1	2.272426
Overweight Permit_str	BOBJ1	16.15	After	Interior Girder 2	16.15	0.95	1	1	2.406558
Overweight Permit_str	BOBJ1	16.15	After	Interior Girder 3	16.15	0.95	1	1	2.316329
Overweight Permit_str	BOBJ1	16.15	After	Interior Girder 4	16.15	0.95	1	1	2.316329

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelINonCompStrgth-Flx - Approach, Span 16-19									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Overweight Permit_str	BOBJ1	16.15	After	Interior Girder 5	16.15	0.95	1	1	2.406558
Overweight Permit_str	BOBJ1	16.15	After	Interior Girder 6	16.15	0.95	1	1	2.272426
Overweight Permit_str	BOBJ1	16.15	After	Right Exterior Girder	16.15	0.95	1	1	2.143419
Overweight Permit_str	BOBJ1	22.1267	Before	Left Exterior Girder	22.1267	0.95	1	1	2.346914
Overweight Permit_str	BOBJ1	22.1267	Before	Interior Girder 1	22.1267	0.95	1	1	2.20996
Overweight Permit_str	BOBJ1	22.1267	Before	Interior Girder 2	22.1267	0.95	1	1	2.326137
Overweight Permit_str	BOBJ1	22.1267	Before	Interior Girder 3	22.1267	0.95	1	1	2.169172
Overweight Permit_str	BOBJ1	22.1267	Before	Interior Girder 4	22.1267	0.95	1	1	2.169172
Overweight Permit_str	BOBJ1	22.1267	Before	Interior Girder 5	22.1267	0.95	1	1	2.326137
Overweight Permit_str	BOBJ1	22.1267	Before	Interior Girder 6	22.1267	0.95	1	1	2.20996
Overweight Permit_str	BOBJ1	22.1267	Before	Right Exterior Girder	22.1267	0.95	1	1	2.346914
Overweight Permit_str	BOBJ1	22.1267	After	Left Exterior Girder	22.1267	0.95	1	1	2.342451
Overweight Permit_str	BOBJ1	22.1267	After	Interior Girder 1	22.1267	0.95	1	1	2.202245
Overweight Permit_str	BOBJ1	22.1267	After	Interior Girder 2	22.1267	0.95	1	1	2.313827
Overweight Permit_str	BOBJ1	22.1267	After	Interior Girder 3	22.1267	0.95	1	1	2.151451
Overweight Permit_str	BOBJ1	22.1267	After	Interior Girder 4	22.1267	0.95	1	1	2.151451
Overweight Permit_str	BOBJ1	22.1267	After	Interior Girder 5	22.1267	0.95	1	1	2.313827
Overweight Permit_str	BOBJ1	22.1267	After	Interior Girder 6	22.1267	0.95	1	1	2.202245
Overweight Permit_str	BOBJ1	22.1267	After	Right Exterior Girder	22.1267	0.95	1	1	2.342451
Overweight Permit_str	BOBJ1	28.1033	Before	Left Exterior Girder	28.1033	0.95	1	1	2.957724
Overweight Permit_str	BOBJ1	28.1033	Before	Interior Girder 1	28.1033	0.95	1	1	2.601151
Overweight Permit_str	BOBJ1	28.1033	Before	Interior Girder 2	28.1033	0.95	1	1	2.73688
Overweight Permit_str	BOBJ1	28.1033	Before	Interior Girder 3	28.1033	0.95	1	1	2.534681
Overweight Permit_str	BOBJ1	28.1033	Before	Interior Girder 4	28.1033	0.95	1	1	2.534681
Overweight Permit_str	BOBJ1	28.1033	Before	Interior Girder 5	28.1033	0.95	1	1	2.73688
Overweight Permit_str	BOBJ1	28.1033	Before	Interior Girder 6	28.1033	0.95	1	1	2.601151
Overweight Permit_str	BOBJ1	28.1033	Before	Right Exterior Girder	28.1033	0.95	1	1	2.957724
Overweight Permit_str	BOBJ1	28.1033	After	Left Exterior Girder	28.1033	0.95	1	1	2.900207
Overweight Permit_str	BOBJ1	28.1033	After	Interior Girder 1	28.1033	0.95	1	1	2.62598
Overweight Permit_str	BOBJ1	28.1033	After	Interior Girder 2	28.1033	0.95	1	1	2.733095
Overweight Permit_str	BOBJ1	28.1033	After	Interior Girder 3	28.1033	0.95	1	1	2.509915
Overweight Permit_str	BOBJ1	28.1033	After	Interior Girder 4	28.1033	0.95	1	1	2.509915
Overweight Permit_str	BOBJ1	28.1033	After	Interior Girder 5	28.1033	0.95	1	1	2.733095
Overweight Permit_str	BOBJ1	28.1033	After	Interior Girder 6	28.1033	0.95	1	1	2.62598
Overweight Permit_str	BOBJ1	28.1033	After	Right Exterior Girder	28.1033	0.95	1	1	2.900207
Overweight Permit_str	BOBJ1	34.08	Before	Left Exterior Girder	34.08	0.95	1	1	3.20971
Overweight Permit_str	BOBJ1	34.08	Before	Interior Girder 1	34.08	0.95	1	1	3.676817
Overweight Permit_str	BOBJ1	34.08	Before	Interior Girder 2	34.08	0.95	1	1	4.344454
Overweight Permit_str	BOBJ1	34.08	Before	Interior Girder 3	34.08	0.95	1	1	4.506168
Overweight Permit_str	BOBJ1	34.08	Before	Interior Girder 4	34.08	0.95	1	1	4.506168
Overweight Permit_str	BOBJ1	34.08	Before	Interior Girder 5	34.08	0.95	1	1	4.344454
Overweight Permit_str	BOBJ1	34.08	Before	Interior Girder 6	34.08	0.95	1	1	3.676817
Overweight Permit_str	BOBJ1	34.08	Before	Right Exterior Girder	34.08	0.95	1	1	3.20971
Overweight Permit_str	BOBJ1	34.08	After	Left Exterior Girder	34.08	0.95	1	1	3.046293
Overweight Permit_str	BOBJ1	34.08	After	Interior Girder 1	34.08	0.95	1	1	3.630526
Overweight Permit_str	BOBJ1	34.08	After	Interior Girder 2	34.08	0.95	1	1	4.326593
Overweight Permit_str	BOBJ1	34.08	After	Interior Girder 3	34.08	0.95	1	1	4.378548
Overweight Permit_str	BOBJ1	34.08	After	Interior Girder 4	34.08	0.95	1	1	4.378548
Overweight Permit_str	BOBJ1	34.08	After	Interior Girder 5	34.08	0.95	1	1	4.326593
Overweight Permit_str	BOBJ1	34.08	After	Interior Girder 6	34.08	0.95	1	1	3.630526
Overweight Permit_str	BOBJ1	34.08	After	Right Exterior Girder	34.08	0.95	1	1	3.046293
Overweight Permit_str	BOBJ1	39.855	Before	Left Exterior Girder	39.855	0.95	1	1	1.728353
Overweight Permit_str	BOBJ1	39.855	Before	Interior Girder 1	39.855	0.95	1	1	2.427052
Overweight Permit_str	BOBJ1	39.855	Before	Interior Girder 2	39.855	0.95	1	1	2.849342
Overweight Permit_str	BOBJ1	39.855	Before	Interior Girder 3	39.855	0.95	1	1	2.754179
Overweight Permit_str	BOBJ1	39.855	Before	Interior Girder 4	39.855	0.95	1	1	2.754179
Overweight Permit_str	BOBJ1	39.855	Before	Interior Girder 5	39.855	0.95	1	1	2.849342
Overweight Permit_str	BOBJ1	39.855	Before	Interior Girder 6	39.855	0.95	1	1	2.427052
Overweight Permit_str	BOBJ1	39.855	Before	Right Exterior Girder	39.855	0.95	1	1	1.728353
Overweight Permit_str	BOBJ1	39.855	After	Left Exterior Girder	39.855	0.95	1	1	1.76853
Overweight Permit_str	BOBJ1	39.855	After	Interior Girder 1	39.855	0.95	1	1	2.385351
Overweight Permit_str	BOBJ1	39.855	After	Interior Girder 2	39.855	0.95	1	1	2.845376
Overweight Permit_str	BOBJ1	39.855	After	Interior Girder 3	39.855	0.95	1	1	2.76037
Overweight Permit_str	BOBJ1	39.855	After	Interior Girder 4	39.855	0.95	1	1	2.76037
Overweight Permit_str	BOBJ1	39.855	After	Interior Girder 5	39.855	0.95	1	1	2.845376

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelINonCompStrgth-Flx - Approach, Span 16-19									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Overweight Permit_str	BOBJ1	39.855	After	Interior Girder 6	39.855	0.95	1	1	2.385351
Overweight Permit_str	BOBJ1	39.855	After	Right Exterior Girder	39.855	0.95	1	1	1.76853
Overweight Permit_str	BOBJ1	40.0288	Before	Left Exterior Girder	40.0288	0.95	1	1	1.712223
Overweight Permit_str	BOBJ1	40.0288	Before	Right Exterior Girder	40.0288	0.95	1	1	1.712223
Overweight Permit_str	BOBJ1	40.0288	After	Left Exterior Girder	40.0288	0.95	1	1	2.539145
Overweight Permit_str	BOBJ1	40.0288	After	Right Exterior Girder	40.0288	0.95	1	1	2.539145
Overweight Permit_str	BOBJ1	45.63	Before	Left Exterior Girder	45.63	0.95	1	1	1.278875
Overweight Permit_str	BOBJ1	45.63	Before	Interior Girder 1	45.63	0.95	1	1	1.385346
Overweight Permit_str	BOBJ1	45.63	Before	Interior Girder 2	45.63	0.95	1	1	1.653353
Overweight Permit_str	BOBJ1	45.63	Before	Interior Girder 3	45.63	0.95	1	1	1.389345
Overweight Permit_str	BOBJ1	45.63	Before	Interior Girder 4	45.63	0.95	1	1	1.389345
Overweight Permit_str	BOBJ1	45.63	Before	Interior Girder 5	45.63	0.95	1	1	1.653353
Overweight Permit_str	BOBJ1	45.63	Before	Interior Girder 6	45.63	0.95	1	1	1.385346
Overweight Permit_str	BOBJ1	45.63	Before	Right Exterior Girder	45.63	0.95	1	1	1.278875
Overweight Permit_str	BOBJ1	45.63	After	Left Exterior Girder	0	0.95	1	1	1.232248
Overweight Permit_str	BOBJ1	45.63	After	Interior Girder 1	0	0.95	1	1	1.370244
Overweight Permit_str	BOBJ1	45.63	After	Interior Girder 2	0	0.95	1	1	1.620526
Overweight Permit_str	BOBJ1	45.63	After	Interior Girder 3	0	0.95	1	1	1.324768
Overweight Permit_str	BOBJ1	45.63	After	Interior Girder 4	0	0.95	1	1	1.324768
Overweight Permit_str	BOBJ1	45.63	After	Interior Girder 5	0	0.95	1	1	1.620526
Overweight Permit_str	BOBJ1	45.63	After	Interior Girder 6	0	0.95	1	1	1.370244
Overweight Permit_str	BOBJ1	45.63	After	Right Exterior Girder	0	0.95	1	1	1.232248
Overweight Permit_str	BOBJ1	50.6298	Before	Left Exterior Girder	4.9998	0.95	1	1	2.570935
Overweight Permit_str	BOBJ1	50.6298	Before	Right Exterior Girder	4.9998	0.95	1	1	2.570935
Overweight Permit_str	BOBJ1	50.6298	After	Left Exterior Girder	4.9998	0.95	1	1	1.672378
Overweight Permit_str	BOBJ1	50.6298	After	Right Exterior Girder	4.9998	0.95	1	1	1.672378
Overweight Permit_str	BOBJ1	51.4	Before	Left Exterior Girder	5.77	0.95	1	1	1.986878
Overweight Permit_str	BOBJ1	51.4	Before	Interior Girder 1	5.77	0.95	1	1	2.787556
Overweight Permit_str	BOBJ1	51.4	Before	Interior Girder 2	5.77	0.95	1	1	3.377467
Overweight Permit_str	BOBJ1	51.4	Before	Interior Girder 3	5.77	0.95	1	1	3.123883
Overweight Permit_str	BOBJ1	51.4	Before	Interior Girder 4	5.77	0.95	1	1	3.123883
Overweight Permit_str	BOBJ1	51.4	Before	Interior Girder 5	5.77	0.95	1	1	3.377467
Overweight Permit_str	BOBJ1	51.4	Before	Interior Girder 6	5.77	0.95	1	1	2.787556
Overweight Permit_str	BOBJ1	51.4	Before	Right Exterior Girder	5.77	0.95	1	1	1.986878
Overweight Permit_str	BOBJ1	51.4	After	Left Exterior Girder	5.77	0.95	1	1	1.909493
Overweight Permit_str	BOBJ1	51.4	After	Interior Girder 1	5.77	0.95	1	1	2.8812
Overweight Permit_str	BOBJ1	51.4	After	Interior Girder 2	5.77	0.95	1	1	3.39381
Overweight Permit_str	BOBJ1	51.4	After	Interior Girder 3	5.77	0.95	1	1	3.110084
Overweight Permit_str	BOBJ1	51.4	After	Interior Girder 4	5.77	0.95	1	1	3.110084
Overweight Permit_str	BOBJ1	51.4	After	Interior Girder 5	5.77	0.95	1	1	3.39381
Overweight Permit_str	BOBJ1	51.4	After	Interior Girder 6	5.77	0.95	1	1	2.8812
Overweight Permit_str	BOBJ1	51.4	After	Right Exterior Girder	5.77	0.95	1	1	1.909493
Overweight Permit_str	BOBJ1	57.17	Before	Left Exterior Girder	11.54	0.95	1	1	5.018552
Overweight Permit_str	BOBJ1	57.17	Before	Interior Girder 1	11.54	0.95	1	1	5.361146
Overweight Permit_str	BOBJ1	57.17	Before	Interior Girder 2	11.54	0.95	1	1	5.158125
Overweight Permit_str	BOBJ1	57.17	Before	Interior Girder 3	11.54	0.95	1	1	4.815006
Overweight Permit_str	BOBJ1	57.17	Before	Interior Girder 4	11.54	0.95	1	1	4.815006
Overweight Permit_str	BOBJ1	57.17	Before	Interior Girder 5	11.54	0.95	1	1	5.158125
Overweight Permit_str	BOBJ1	57.17	Before	Interior Girder 6	11.54	0.95	1	1	5.361146
Overweight Permit_str	BOBJ1	57.17	Before	Right Exterior Girder	11.54	0.95	1	1	5.018552
Overweight Permit_str	BOBJ1	57.17	After	Left Exterior Girder	11.54	0.95	1	1	5.094575
Overweight Permit_str	BOBJ1	57.17	After	Interior Girder 1	11.54	0.95	1	1	5.309202
Overweight Permit_str	BOBJ1	57.17	After	Interior Girder 2	11.54	0.95	1	1	5.159801
Overweight Permit_str	BOBJ1	57.17	After	Interior Girder 3	11.54	0.95	1	1	4.923211
Overweight Permit_str	BOBJ1	57.17	After	Interior Girder 4	11.54	0.95	1	1	4.923211
Overweight Permit_str	BOBJ1	57.17	After	Interior Girder 5	11.54	0.95	1	1	5.159801
Overweight Permit_str	BOBJ1	57.17	After	Interior Girder 6	11.54	0.95	1	1	5.309202
Overweight Permit_str	BOBJ1	57.17	After	Right Exterior Girder	11.54	0.95	1	1	5.094575
Overweight Permit_str	BOBJ1	63.34	Before	Left Exterior Girder	17.71	0.95	1	1	2.749414
Overweight Permit_str	BOBJ1	63.34	Before	Interior Girder 1	17.71	0.95	1	1	2.528854
Overweight Permit_str	BOBJ1	63.34	Before	Interior Girder 2	17.71	0.95	1	1	2.639178
Overweight Permit_str	BOBJ1	63.34	Before	Interior Girder 3	17.71	0.95	1	1	2.425568
Overweight Permit_str	BOBJ1	63.34	Before	Interior Girder 4	17.71	0.95	1	1	2.425568
Overweight Permit_str	BOBJ1	63.34	Before	Interior Girder 5	17.71	0.95	1	1	2.639178
Overweight Permit_str	BOBJ1	63.34	Before	Interior Girder 6	17.71	0.95	1	1	2.528854

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelINonCompStrgth-Flx - Approach, Span 16-19									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Overweight Permit_str	BOBJ1	63.34	Before	Right Exterior Girder	17.71	0.95	1	1	2.749414
Overweight Permit_str	BOBJ1	63.34	After	Left Exterior Girder	17.71	0.95	1	1	2.877702
Overweight Permit_str	BOBJ1	63.34	After	Interior Girder 1	17.71	0.95	1	1	2.478549
Overweight Permit_str	BOBJ1	63.34	After	Interior Girder 2	17.71	0.95	1	1	2.638892
Overweight Permit_str	BOBJ1	63.34	After	Interior Girder 3	17.71	0.95	1	1	2.460853
Overweight Permit_str	BOBJ1	63.34	After	Interior Girder 4	17.71	0.95	1	1	2.460853
Overweight Permit_str	BOBJ1	63.34	After	Interior Girder 5	17.71	0.95	1	1	2.638892
Overweight Permit_str	BOBJ1	63.34	After	Interior Girder 6	17.71	0.95	1	1	2.478549
Overweight Permit_str	BOBJ1	63.34	After	Right Exterior Girder	17.71	0.95	1	1	2.877702
Overweight Permit_str	BOBJ1	69.51	Before	Left Exterior Girder	23.88	0.95	1	1	1.725289
Overweight Permit_str	BOBJ1	69.51	Before	Interior Girder 1	23.88	0.95	1	1	1.713895
Overweight Permit_str	BOBJ1	69.51	Before	Interior Girder 2	23.88	0.95	1	1	1.88884
Overweight Permit_str	BOBJ1	69.51	Before	Interior Girder 3	23.88	0.95	1	1	1.796384
Overweight Permit_str	BOBJ1	69.51	Before	Interior Girder 4	23.88	0.95	1	1	1.796384
Overweight Permit_str	BOBJ1	69.51	Before	Interior Girder 5	23.88	0.95	1	1	1.88884
Overweight Permit_str	BOBJ1	69.51	Before	Interior Girder 6	23.88	0.95	1	1	1.713895
Overweight Permit_str	BOBJ1	69.51	Before	Right Exterior Girder	23.88	0.95	1	1	1.725289
Overweight Permit_str	BOBJ1	69.51	After	Left Exterior Girder	23.88	0.95	1	1	1.771642
Overweight Permit_str	BOBJ1	69.51	After	Interior Girder 1	23.88	0.95	1	1	1.709232
Overweight Permit_str	BOBJ1	69.51	After	Interior Girder 2	23.88	0.95	1	1	1.90607
Overweight Permit_str	BOBJ1	69.51	After	Interior Girder 3	23.88	0.95	1	1	1.82297
Overweight Permit_str	BOBJ1	69.51	After	Interior Girder 4	23.88	0.95	1	1	1.82297
Overweight Permit_str	BOBJ1	69.51	After	Interior Girder 5	23.88	0.95	1	1	1.90607
Overweight Permit_str	BOBJ1	69.51	After	Interior Girder 6	23.88	0.95	1	1	1.709232
Overweight Permit_str	BOBJ1	69.51	After	Right Exterior Girder	23.88	0.95	1	1	1.771642
Overweight Permit_str	BOBJ1	75.68	Before	Left Exterior Girder	30.05	0.95	1	1	1.360304
Overweight Permit_str	BOBJ1	75.68	Before	Interior Girder 1	30.05	0.95	1	1	1.544488
Overweight Permit_str	BOBJ1	75.68	Before	Interior Girder 2	30.05	0.95	1	1	1.756889
Overweight Permit_str	BOBJ1	75.68	Before	Interior Girder 3	30.05	0.95	1	1	1.756059
Overweight Permit_str	BOBJ1	75.68	Before	Interior Girder 4	30.05	0.95	1	1	1.756059
Overweight Permit_str	BOBJ1	75.68	Before	Interior Girder 5	30.05	0.95	1	1	1.756889
Overweight Permit_str	BOBJ1	75.68	Before	Interior Girder 6	30.05	0.95	1	1	1.544488
Overweight Permit_str	BOBJ1	75.68	Before	Right Exterior Girder	30.05	0.95	1	1	1.360304
Overweight Permit_str	BOBJ1	75.68	After	Left Exterior Girder	30.05	0.95	1	1	1.374635
Overweight Permit_str	BOBJ1	75.68	After	Interior Girder 1	30.05	0.95	1	1	1.538107
Overweight Permit_str	BOBJ1	75.68	After	Interior Girder 2	30.05	0.95	1	1	1.748357
Overweight Permit_str	BOBJ1	75.68	After	Interior Girder 3	30.05	0.95	1	1	1.759265
Overweight Permit_str	BOBJ1	75.68	After	Interior Girder 4	30.05	0.95	1	1	1.759265
Overweight Permit_str	BOBJ1	75.68	After	Interior Girder 5	30.05	0.95	1	1	1.748357
Overweight Permit_str	BOBJ1	75.68	After	Interior Girder 6	30.05	0.95	1	1	1.538107
Overweight Permit_str	BOBJ1	75.68	After	Right Exterior Girder	30.05	0.95	1	1	1.374635
Overweight Permit_str	BOBJ1	81.8467	Before	Left Exterior Girder	36.2167	0.95	1	1	1.382899
Overweight Permit_str	BOBJ1	81.8467	Before	Interior Girder 1	36.2167	0.95	1	1	1.423923
Overweight Permit_str	BOBJ1	81.8467	Before	Interior Girder 2	36.2167	0.95	1	1	1.615407
Overweight Permit_str	BOBJ1	81.8467	Before	Interior Girder 3	36.2167	0.95	1	1	1.564072
Overweight Permit_str	BOBJ1	81.8467	Before	Interior Girder 4	36.2167	0.95	1	1	1.564072
Overweight Permit_str	BOBJ1	81.8467	Before	Interior Girder 5	36.2167	0.95	1	1	1.615407
Overweight Permit_str	BOBJ1	81.8467	Before	Interior Girder 6	36.2167	0.95	1	1	1.423923
Overweight Permit_str	BOBJ1	81.8467	Before	Right Exterior Girder	36.2167	0.95	1	1	1.382899
Overweight Permit_str	BOBJ1	81.8467	After	Left Exterior Girder	36.2167	0.95	1	1	1.373167
Overweight Permit_str	BOBJ1	81.8467	After	Interior Girder 1	36.2167	0.95	1	1	1.418176
Overweight Permit_str	BOBJ1	81.8467	After	Interior Girder 2	36.2167	0.95	1	1	1.602067
Overweight Permit_str	BOBJ1	81.8467	After	Interior Girder 3	36.2167	0.95	1	1	1.549683
Overweight Permit_str	BOBJ1	81.8467	After	Interior Girder 4	36.2167	0.95	1	1	1.549683
Overweight Permit_str	BOBJ1	81.8467	After	Interior Girder 5	36.2167	0.95	1	1	1.602067
Overweight Permit_str	BOBJ1	81.8467	After	Interior Girder 6	36.2167	0.95	1	1	1.418176
Overweight Permit_str	BOBJ1	81.8467	After	Right Exterior Girder	36.2167	0.95	1	1	1.373167
Overweight Permit_str	BOBJ1	88.0133	Before	Left Exterior Girder	42.3833	0.95	1	1	1.666034
Overweight Permit_str	BOBJ1	88.0133	Before	Interior Girder 1	42.3833	0.95	1	1	1.619281
Overweight Permit_str	BOBJ1	88.0133	Before	Interior Girder 2	42.3833	0.95	1	1	1.813296
Overweight Permit_str	BOBJ1	88.0133	Before	Interior Girder 3	42.3833	0.95	1	1	1.739179
Overweight Permit_str	BOBJ1	88.0133	Before	Interior Girder 4	42.3833	0.95	1	1	1.739179
Overweight Permit_str	BOBJ1	88.0133	Before	Interior Girder 5	42.3833	0.95	1	1	1.813296
Overweight Permit_str	BOBJ1	88.0133	Before	Interior Girder 6	42.3833	0.95	1	1	1.619281
Overweight Permit_str	BOBJ1	88.0133	Before	Right Exterior Girder	42.3833	0.95	1	1	1.666034

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelINonCompStrgth-Flx - Approach, Span 16-19									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Overweight Permit_str	BOBJ1	88.0133	After	Left Exterior Girder	42.3833	0.95	1	1	1.62408
Overweight Permit_str	BOBJ1	88.0133	After	Interior Girder 1	42.3833	0.95	1	1	1.642316
Overweight Permit_str	BOBJ1	88.0133	After	Interior Girder 2	42.3833	0.95	1	1	1.82227
Overweight Permit_str	BOBJ1	88.0133	After	Interior Girder 3	42.3833	0.95	1	1	1.73334
Overweight Permit_str	BOBJ1	88.0133	After	Interior Girder 4	42.3833	0.95	1	1	1.73334
Overweight Permit_str	BOBJ1	88.0133	After	Interior Girder 5	42.3833	0.95	1	1	1.82227
Overweight Permit_str	BOBJ1	88.0133	After	Interior Girder 6	42.3833	0.95	1	1	1.642316
Overweight Permit_str	BOBJ1	88.0133	After	Right Exterior Girder	42.3833	0.95	1	1	1.62408
Overweight Permit_str	BOBJ1	94.18	Before	Left Exterior Girder	48.55	0.95	1	1	2.415129
Overweight Permit_str	BOBJ1	94.18	Before	Interior Girder 1	48.55	0.95	1	1	2.523053
Overweight Permit_str	BOBJ1	94.18	Before	Interior Girder 2	48.55	0.95	1	1	2.663015
Overweight Permit_str	BOBJ1	94.18	Before	Interior Girder 3	48.55	0.95	1	1	2.647315
Overweight Permit_str	BOBJ1	94.18	Before	Interior Girder 4	48.55	0.95	1	1	2.647315
Overweight Permit_str	BOBJ1	94.18	Before	Interior Girder 5	48.55	0.95	1	1	2.663015
Overweight Permit_str	BOBJ1	94.18	Before	Interior Girder 6	48.55	0.95	1	1	2.523053
Overweight Permit_str	BOBJ1	94.18	Before	Right Exterior Girder	48.55	0.95	1	1	2.415129
Overweight Permit_str	BOBJ1	94.18	After	Left Exterior Girder	48.55	0.95	1	1	2.33158
Overweight Permit_str	BOBJ1	94.18	After	Interior Girder 1	48.55	0.95	1	1	2.560634
Overweight Permit_str	BOBJ1	94.18	After	Interior Girder 2	48.55	0.95	1	1	2.684814
Overweight Permit_str	BOBJ1	94.18	After	Interior Girder 3	48.55	0.95	1	1	2.610222
Overweight Permit_str	BOBJ1	94.18	After	Interior Girder 4	48.55	0.95	1	1	2.610222
Overweight Permit_str	BOBJ1	94.18	After	Interior Girder 5	48.55	0.95	1	1	2.684814
Overweight Permit_str	BOBJ1	94.18	After	Interior Girder 6	48.55	0.95	1	1	2.560634
Overweight Permit_str	BOBJ1	94.18	After	Right Exterior Girder	48.55	0.95	1	1	2.33158
Overweight Permit_str	BOBJ1	100.3567	Before	Left Exterior Girder	54.7267	0.95	1	1	3.916256
Overweight Permit_str	BOBJ1	100.3567	Before	Interior Girder 1	54.7267	0.95	1	1	3.971907
Overweight Permit_str	BOBJ1	100.3567	Before	Interior Girder 2	54.7267	0.95	1	1	4.011579
Overweight Permit_str	BOBJ1	100.3567	Before	Interior Girder 3	54.7267	0.95	1	1	3.839436
Overweight Permit_str	BOBJ1	100.3567	Before	Interior Girder 4	54.7267	0.95	1	1	3.839436
Overweight Permit_str	BOBJ1	100.3567	Before	Interior Girder 5	54.7267	0.95	1	1	4.011579
Overweight Permit_str	BOBJ1	100.3567	Before	Interior Girder 6	54.7267	0.95	1	1	3.971907
Overweight Permit_str	BOBJ1	100.3567	Before	Right Exterior Girder	54.7267	0.95	1	1	3.916256
Overweight Permit_str	BOBJ1	100.3567	After	Left Exterior Girder	54.7267	0.95	1	1	4.068677
Overweight Permit_str	BOBJ1	100.3567	After	Interior Girder 1	54.7267	0.95	1	1	3.977995
Overweight Permit_str	BOBJ1	100.3567	After	Interior Girder 2	54.7267	0.95	1	1	3.954078
Overweight Permit_str	BOBJ1	100.3567	After	Interior Girder 3	54.7267	0.95	1	1	3.725305
Overweight Permit_str	BOBJ1	100.3567	After	Interior Girder 4	54.7267	0.95	1	1	3.725305
Overweight Permit_str	BOBJ1	100.3567	After	Interior Girder 5	54.7267	0.95	1	1	3.954078
Overweight Permit_str	BOBJ1	100.3567	After	Interior Girder 6	54.7267	0.95	1	1	3.977995
Overweight Permit_str	BOBJ1	100.3567	After	Right Exterior Girder	54.7267	0.95	1	1	4.068677
Overweight Permit_str	BOBJ1	106.5333	Before	Left Exterior Girder	60.9033	0.95	1	1	1.580277
Overweight Permit_str	BOBJ1	106.5333	Before	Interior Girder 1	60.9033	0.95	1	1	2.732673
Overweight Permit_str	BOBJ1	106.5333	Before	Interior Girder 2	60.9033	0.95	1	1	3.183938
Overweight Permit_str	BOBJ1	106.5333	Before	Interior Girder 3	60.9033	0.95	1	1	2.942806
Overweight Permit_str	BOBJ1	106.5333	Before	Interior Girder 4	60.9033	0.95	1	1	2.942806
Overweight Permit_str	BOBJ1	106.5333	Before	Interior Girder 5	60.9033	0.95	1	1	3.183938
Overweight Permit_str	BOBJ1	106.5333	Before	Interior Girder 6	60.9033	0.95	1	1	2.732673
Overweight Permit_str	BOBJ1	106.5333	Before	Right Exterior Girder	60.9033	0.95	1	1	1.580277
Overweight Permit_str	BOBJ1	106.5333	After	Left Exterior Girder	60.9033	0.95	1	1	1.65433
Overweight Permit_str	BOBJ1	106.5333	After	Interior Girder 1	60.9033	0.95	1	1	2.622699
Overweight Permit_str	BOBJ1	106.5333	After	Interior Girder 2	60.9033	0.95	1	1	3.157199
Overweight Permit_str	BOBJ1	106.5333	After	Interior Girder 3	60.9033	0.95	1	1	2.937323
Overweight Permit_str	BOBJ1	106.5333	After	Interior Girder 4	60.9033	0.95	1	1	2.937323
Overweight Permit_str	BOBJ1	106.5333	After	Interior Girder 5	60.9033	0.95	1	1	3.157199
Overweight Permit_str	BOBJ1	106.5333	After	Interior Girder 6	60.9033	0.95	1	1	2.622699
Overweight Permit_str	BOBJ1	106.5333	After	Right Exterior Girder	60.9033	0.95	1	1	1.65433
Overweight Permit_str	BOBJ1	108.2102	Before	Left Exterior Girder	62.5802	0.95	1	1	1.19514
Overweight Permit_str	BOBJ1	108.2102	Before	Right Exterior Girder	62.5802	0.95	1	1	1.19514
Overweight Permit_str	BOBJ1	108.2102	After	Left Exterior Girder	62.5802	0.95	1	1	1.879492
Overweight Permit_str	BOBJ1	108.2102	After	Right Exterior Girder	62.5802	0.95	1	1	1.879492
Overweight Permit_str	BOBJ1	112.71	Before	Left Exterior Girder	67.08	0.95	1	1	0.939769
Overweight Permit_str	BOBJ1	112.71	Before	Interior Girder 1	67.08	0.95	1	1	1.278389
Overweight Permit_str	BOBJ1	112.71	Before	Interior Girder 2	67.08	0.95	1	1	1.526619
Overweight Permit_str	BOBJ1	112.71	Before	Interior Girder 3	67.08	0.95	1	1	1.282748
Overweight Permit_str	BOBJ1	112.71	Before	Interior Girder 4	67.08	0.95	1	1	1.282748

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelINonCompStrgth-Flx - Approach, Span 16-19									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Overweight Permit_str	BOBJ1	112.71	Before	Interior Girder 5	67.08	0.95	1	1	1.526619
Overweight Permit_str	BOBJ1	112.71	Before	Interior Girder 6	67.08	0.95	1	1	1.278389
Overweight Permit_str	BOBJ1	112.71	Before	Right Exterior Girder	67.08	0.95	1	1	0.939769
Overweight Permit_str	BOBJ1	112.71	After	Left Exterior Girder	0	0.95	1	1	0.951813
Overweight Permit_str	BOBJ1	112.71	After	Interior Girder 1	0	0.95	1	1	1.277599
Overweight Permit_str	BOBJ1	112.71	After	Interior Girder 2	0	0.95	1	1	1.541829
Overweight Permit_str	BOBJ1	112.71	After	Interior Girder 3	0	0.95	1	1	1.316518
Overweight Permit_str	BOBJ1	112.71	After	Interior Girder 4	0	0.95	1	1	1.316518
Overweight Permit_str	BOBJ1	112.71	After	Interior Girder 5	0	0.95	1	1	1.541829
Overweight Permit_str	BOBJ1	112.71	After	Interior Girder 6	0	0.95	1	1	1.277599
Overweight Permit_str	BOBJ1	112.71	After	Right Exterior Girder	0	0.95	1	1	0.951813
Overweight Permit_str	BOBJ1	117.21	Before	Left Exterior Girder	4.5	0.95	1	1	1.767421
Overweight Permit_str	BOBJ1	117.21	Before	Right Exterior Girder	4.5	0.95	1	1	1.767421
Overweight Permit_str	BOBJ1	117.21	After	Left Exterior Girder	4.5	0.95	1	1	1.116154
Overweight Permit_str	BOBJ1	117.21	After	Right Exterior Girder	4.5	0.95	1	1	1.116154
Overweight Permit_str	BOBJ1	119.1	Before	Left Exterior Girder	6.39	0.95	1	1	1.538619
Overweight Permit_str	BOBJ1	119.1	Before	Interior Girder 1	6.39	0.95	1	1	2.386931
Overweight Permit_str	BOBJ1	119.1	Before	Interior Girder 2	6.39	0.95	1	1	2.864514
Overweight Permit_str	BOBJ1	119.1	Before	Interior Girder 3	6.39	0.95	1	1	2.756192
Overweight Permit_str	BOBJ1	119.1	Before	Interior Girder 4	6.39	0.95	1	1	2.756192
Overweight Permit_str	BOBJ1	119.1	Before	Interior Girder 5	6.39	0.95	1	1	2.864514
Overweight Permit_str	BOBJ1	119.1	Before	Interior Girder 6	6.39	0.95	1	1	2.386931
Overweight Permit_str	BOBJ1	119.1	Before	Right Exterior Girder	6.39	0.95	1	1	1.538619
Overweight Permit_str	BOBJ1	119.1	After	Left Exterior Girder	6.39	0.95	1	1	1.484977
Overweight Permit_str	BOBJ1	119.1	After	Interior Girder 1	6.39	0.95	1	1	2.462994
Overweight Permit_str	BOBJ1	119.1	After	Interior Girder 2	6.39	0.95	1	1	2.880433
Overweight Permit_str	BOBJ1	119.1	After	Interior Girder 3	6.39	0.95	1	1	2.753647
Overweight Permit_str	BOBJ1	119.1	After	Interior Girder 4	6.39	0.95	1	1	2.753647
Overweight Permit_str	BOBJ1	119.1	After	Interior Girder 5	6.39	0.95	1	1	2.880433
Overweight Permit_str	BOBJ1	119.1	After	Interior Girder 6	6.39	0.95	1	1	2.462994
Overweight Permit_str	BOBJ1	119.1	After	Right Exterior Girder	6.39	0.95	1	1	1.484977
Overweight Permit_str	BOBJ1	125.49	Before	Left Exterior Girder	12.78	0.95	1	1	2.982184
Overweight Permit_str	BOBJ1	125.49	Before	Interior Girder 1	12.78	0.95	1	1	3.966453
Overweight Permit_str	BOBJ1	125.49	Before	Interior Girder 2	12.78	0.95	1	1	3.942765
Overweight Permit_str	BOBJ1	125.49	Before	Interior Girder 3	12.78	0.95	1	1	3.665986
Overweight Permit_str	BOBJ1	125.49	Before	Interior Girder 4	12.78	0.95	1	1	3.665986
Overweight Permit_str	BOBJ1	125.49	Before	Interior Girder 5	12.78	0.95	1	1	3.942765
Overweight Permit_str	BOBJ1	125.49	Before	Interior Girder 6	12.78	0.95	1	1	3.966453
Overweight Permit_str	BOBJ1	125.49	Before	Right Exterior Girder	12.78	0.95	1	1	2.982184
Overweight Permit_str	BOBJ1	125.49	After	Left Exterior Girder	12.78	0.95	1	1	2.947209
Overweight Permit_str	BOBJ1	125.49	After	Interior Girder 1	12.78	0.95	1	1	3.981514
Overweight Permit_str	BOBJ1	125.49	After	Interior Girder 2	12.78	0.95	1	1	4.051214
Overweight Permit_str	BOBJ1	125.49	After	Interior Girder 3	12.78	0.95	1	1	3.801001
Overweight Permit_str	BOBJ1	125.49	After	Interior Girder 4	12.78	0.95	1	1	3.801001
Overweight Permit_str	BOBJ1	125.49	After	Interior Girder 5	12.78	0.95	1	1	4.051214
Overweight Permit_str	BOBJ1	125.49	After	Interior Girder 6	12.78	0.95	1	1	3.981514
Overweight Permit_str	BOBJ1	125.49	After	Right Exterior Girder	12.78	0.95	1	1	2.947209
Overweight Permit_str	BOBJ1	131.88	Before	Left Exterior Girder	19.17	0.95	1	1	2.541128
Overweight Permit_str	BOBJ1	131.88	Before	Interior Girder 1	19.17	0.95	1	1	2.817404
Overweight Permit_str	BOBJ1	131.88	Before	Interior Girder 2	19.17	0.95	1	1	2.928904
Overweight Permit_str	BOBJ1	131.88	Before	Interior Girder 3	19.17	0.95	1	1	2.806043
Overweight Permit_str	BOBJ1	131.88	Before	Interior Girder 4	19.17	0.95	1	1	2.806043
Overweight Permit_str	BOBJ1	131.88	Before	Interior Girder 5	19.17	0.95	1	1	2.928904
Overweight Permit_str	BOBJ1	131.88	Before	Interior Girder 6	19.17	0.95	1	1	2.817404
Overweight Permit_str	BOBJ1	131.88	Before	Right Exterior Girder	19.17	0.95	1	1	2.541128
Overweight Permit_str	BOBJ1	131.88	After	Left Exterior Girder	19.17	0.95	1	1	2.595872
Overweight Permit_str	BOBJ1	131.88	After	Interior Girder 1	19.17	0.95	1	1	2.796279
Overweight Permit_str	BOBJ1	131.88	After	Interior Girder 2	19.17	0.95	1	1	2.937429
Overweight Permit_str	BOBJ1	131.88	After	Interior Girder 3	19.17	0.95	1	1	2.837801
Overweight Permit_str	BOBJ1	131.88	After	Interior Girder 4	19.17	0.95	1	1	2.837801
Overweight Permit_str	BOBJ1	131.88	After	Interior Girder 5	19.17	0.95	1	1	2.937429
Overweight Permit_str	BOBJ1	131.88	After	Interior Girder 6	19.17	0.95	1	1	2.796279
Overweight Permit_str	BOBJ1	131.88	After	Right Exterior Girder	19.17	0.95	1	1	2.595872
Overweight Permit_str	BOBJ1	138.27	Before	Left Exterior Girder	25.56	0.95	1	1	2.16082
Overweight Permit_str	BOBJ1	138.27	Before	Interior Girder 1	25.56	0.95	1	1	2.133631

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelINonCompStrgth-Flx - Approach, Span 16-19									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Overweight Permit_str	BOBJ1	138.27	Before	Interior Girder 2	25.56	0.95	1	1	2.275589
Overweight Permit_str	BOBJ1	138.27	Before	Interior Girder 3	25.56	0.95	1	1	2.116525
Overweight Permit_str	BOBJ1	138.27	Before	Interior Girder 4	25.56	0.95	1	1	2.116525
Overweight Permit_str	BOBJ1	138.27	Before	Interior Girder 5	25.56	0.95	1	1	2.275589
Overweight Permit_str	BOBJ1	138.27	Before	Interior Girder 6	25.56	0.95	1	1	2.133631
Overweight Permit_str	BOBJ1	138.27	Before	Right Exterior Girder	25.56	0.95	1	1	2.16082
Overweight Permit_str	BOBJ1	138.27	After	Left Exterior Girder	25.56	0.95	1	1	2.180309
Overweight Permit_str	BOBJ1	138.27	After	Interior Girder 1	25.56	0.95	1	1	2.117353
Overweight Permit_str	BOBJ1	138.27	After	Interior Girder 2	25.56	0.95	1	1	2.266706
Overweight Permit_str	BOBJ1	138.27	After	Interior Girder 3	25.56	0.95	1	1	2.116676
Overweight Permit_str	BOBJ1	138.27	After	Interior Girder 4	25.56	0.95	1	1	2.116676
Overweight Permit_str	BOBJ1	138.27	After	Interior Girder 5	25.56	0.95	1	1	2.266706
Overweight Permit_str	BOBJ1	138.27	After	Interior Girder 6	25.56	0.95	1	1	2.117353
Overweight Permit_str	BOBJ1	138.27	After	Right Exterior Girder	25.56	0.95	1	1	2.180309
Overweight Permit_str	BOBJ1	144.66	Before	Left Exterior Girder	31.95	0.95	1	1	2.227918
Overweight Permit_str	BOBJ1	144.66	Before	Interior Girder 1	31.95	0.95	1	1	2.139316
Overweight Permit_str	BOBJ1	144.66	Before	Interior Girder 2	31.95	0.95	1	1	2.289248
Overweight Permit_str	BOBJ1	144.66	Before	Interior Girder 3	31.95	0.95	1	1	2.134755
Overweight Permit_str	BOBJ1	144.66	Before	Interior Girder 4	31.95	0.95	1	1	2.134755
Overweight Permit_str	BOBJ1	144.66	Before	Interior Girder 5	31.95	0.95	1	1	2.289248
Overweight Permit_str	BOBJ1	144.66	Before	Interior Girder 6	31.95	0.95	1	1	2.139316
Overweight Permit_str	BOBJ1	144.66	Before	Right Exterior Girder	31.95	0.95	1	1	2.227918
Overweight Permit_str	BOBJ1	144.66	After	Left Exterior Girder	31.95	0.95	1	1	2.198502
Overweight Permit_str	BOBJ1	144.66	After	Interior Girder 1	31.95	0.95	1	1	2.160891
Overweight Permit_str	BOBJ1	144.66	After	Interior Girder 2	31.95	0.95	1	1	2.296781
Overweight Permit_str	BOBJ1	144.66	After	Interior Girder 3	31.95	0.95	1	1	2.131042
Overweight Permit_str	BOBJ1	144.66	After	Interior Girder 4	31.95	0.95	1	1	2.131042
Overweight Permit_str	BOBJ1	144.66	After	Interior Girder 5	31.95	0.95	1	1	2.296781
Overweight Permit_str	BOBJ1	144.66	After	Interior Girder 6	31.95	0.95	1	1	2.160891
Overweight Permit_str	BOBJ1	144.66	After	Right Exterior Girder	31.95	0.95	1	1	2.198502
Overweight Permit_str	BOBJ1	151.05	Before	Left Exterior Girder	38.34	0.95	1	1	2.781843
Overweight Permit_str	BOBJ1	151.05	Before	Interior Girder 1	38.34	0.95	1	1	2.90054
Overweight Permit_str	BOBJ1	151.05	Before	Interior Girder 2	38.34	0.95	1	1	3.024651
Overweight Permit_str	BOBJ1	151.05	Before	Interior Girder 3	38.34	0.95	1	1	2.919225
Overweight Permit_str	BOBJ1	151.05	Before	Interior Girder 4	38.34	0.95	1	1	2.919225
Overweight Permit_str	BOBJ1	151.05	Before	Interior Girder 5	38.34	0.95	1	1	3.024651
Overweight Permit_str	BOBJ1	151.05	Before	Interior Girder 6	38.34	0.95	1	1	2.90054
Overweight Permit_str	BOBJ1	151.05	Before	Right Exterior Girder	38.34	0.95	1	1	2.781843
Overweight Permit_str	BOBJ1	151.05	After	Left Exterior Girder	38.34	0.95	1	1	2.710467
Overweight Permit_str	BOBJ1	151.05	After	Interior Girder 1	38.34	0.95	1	1	2.931848
Overweight Permit_str	BOBJ1	151.05	After	Interior Girder 2	38.34	0.95	1	1	3.021398
Overweight Permit_str	BOBJ1	151.05	After	Interior Girder 3	38.34	0.95	1	1	2.880433
Overweight Permit_str	BOBJ1	151.05	After	Interior Girder 4	38.34	0.95	1	1	2.880433
Overweight Permit_str	BOBJ1	151.05	After	Interior Girder 5	38.34	0.95	1	1	3.021398
Overweight Permit_str	BOBJ1	151.05	After	Interior Girder 6	38.34	0.95	1	1	2.931848
Overweight Permit_str	BOBJ1	151.05	After	Right Exterior Girder	38.34	0.95	1	1	2.710467
Overweight Permit_str	BOBJ1	157.4367	Before	Left Exterior Girder	44.7267	0.95	1	1	2.940143
Overweight Permit_str	BOBJ1	157.4367	Before	Interior Girder 1	44.7267	0.95	1	1	3.462438
Overweight Permit_str	BOBJ1	157.4367	Before	Interior Girder 2	44.7267	0.95	1	1	3.930509
Overweight Permit_str	BOBJ1	157.4367	Before	Interior Girder 3	44.7267	0.95	1	1	4.000304
Overweight Permit_str	BOBJ1	157.4367	Before	Interior Girder 4	44.7267	0.95	1	1	4.000304
Overweight Permit_str	BOBJ1	157.4367	Before	Interior Girder 5	44.7267	0.95	1	1	3.930509
Overweight Permit_str	BOBJ1	157.4367	Before	Interior Girder 6	44.7267	0.95	1	1	3.462438
Overweight Permit_str	BOBJ1	157.4367	Before	Right Exterior Girder	44.7267	0.95	1	1	2.940143
Overweight Permit_str	BOBJ1	157.4367	After	Left Exterior Girder	44.7267	0.95	1	1	2.981932
Overweight Permit_str	BOBJ1	157.4367	After	Interior Girder 1	44.7267	0.95	1	1	3.432383
Overweight Permit_str	BOBJ1	157.4367	After	Interior Girder 2	44.7267	0.95	1	1	3.952584
Overweight Permit_str	BOBJ1	157.4367	After	Interior Girder 3	44.7267	0.95	1	1	3.949287
Overweight Permit_str	BOBJ1	157.4367	After	Interior Girder 4	44.7267	0.95	1	1	3.949287
Overweight Permit_str	BOBJ1	157.4367	After	Interior Girder 5	44.7267	0.95	1	1	3.952584
Overweight Permit_str	BOBJ1	157.4367	After	Interior Girder 6	44.7267	0.95	1	1	3.432383
Overweight Permit_str	BOBJ1	157.4367	After	Right Exterior Girder	44.7267	0.95	1	1	2.981932
Overweight Permit_str	BOBJ1	158.71	Before	Left Exterior Girder	46	0.95	1	1	2.643102
Overweight Permit_str	BOBJ1	158.71	Before	Interior Girder 1	46	0.95	1	1	3.139702
Overweight Permit_str	BOBJ1	158.71	Before	Interior Girder 2	46	0.95	1	1	3.564438

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelINonCompStrgth-Flx - Approach, Span 16-19									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Overweight Permit_str	BOBJ1	158.71	Before	Interior Girder 3	46	0.95	1	1	3.57081
Overweight Permit_str	BOBJ1	158.71	Before	Interior Girder 4	46	0.95	1	1	3.57081
Overweight Permit_str	BOBJ1	158.71	Before	Interior Girder 5	46	0.95	1	1	3.564438
Overweight Permit_str	BOBJ1	158.71	Before	Interior Girder 6	46	0.95	1	1	3.139702
Overweight Permit_str	BOBJ1	158.71	Before	Right Exterior Girder	46	0.95	1	1	2.643102
Overweight Permit_str	BOBJ1	158.71	After	Left Exterior Girder	46	0.95	1	1	3.67031
Overweight Permit_str	BOBJ1	158.71	After	Interior Girder 1	46	0.95	1	1	3.943801
Overweight Permit_str	BOBJ1	158.71	After	Interior Girder 2	46	0.95	1	1	4.495832
Overweight Permit_str	BOBJ1	158.71	After	Interior Girder 3	46	0.95	1	1	4.537594
Overweight Permit_str	BOBJ1	158.71	After	Interior Girder 4	46	0.95	1	1	4.537594
Overweight Permit_str	BOBJ1	158.71	After	Interior Girder 5	46	0.95	1	1	4.495832
Overweight Permit_str	BOBJ1	158.71	After	Interior Girder 6	46	0.95	1	1	3.943801
Overweight Permit_str	BOBJ1	158.71	After	Right Exterior Girder	46	0.95	1	1	3.67031
Overweight Permit_str	BOBJ1	163.8233	Before	Left Exterior Girder	51.1133	0.95	1	1	2.008613
Overweight Permit_str	BOBJ1	163.8233	Before	Interior Girder 1	51.1133	0.95	1	1	2.587164
Overweight Permit_str	BOBJ1	163.8233	Before	Interior Girder 2	51.1133	0.95	1	1	2.968216
Overweight Permit_str	BOBJ1	163.8233	Before	Interior Girder 3	51.1133	0.95	1	1	2.74918
Overweight Permit_str	BOBJ1	163.8233	Before	Interior Girder 4	51.1133	0.95	1	1	2.74918
Overweight Permit_str	BOBJ1	163.8233	Before	Interior Girder 5	51.1133	0.95	1	1	2.968216
Overweight Permit_str	BOBJ1	163.8233	Before	Interior Girder 6	51.1133	0.95	1	1	2.587164
Overweight Permit_str	BOBJ1	163.8233	Before	Right Exterior Girder	51.1133	0.95	1	1	2.008613
Overweight Permit_str	BOBJ1	163.8233	After	Left Exterior Girder	51.1133	0.95	1	1	2.062734
Overweight Permit_str	BOBJ1	163.8233	After	Interior Girder 1	51.1133	0.95	1	1	2.511786
Overweight Permit_str	BOBJ1	163.8233	After	Interior Girder 2	51.1133	0.95	1	1	2.942548
Overweight Permit_str	BOBJ1	163.8233	After	Interior Girder 3	51.1133	0.95	1	1	2.741424
Overweight Permit_str	BOBJ1	163.8233	After	Interior Girder 4	51.1133	0.95	1	1	2.741424
Overweight Permit_str	BOBJ1	163.8233	After	Interior Girder 5	51.1133	0.95	1	1	2.942548
Overweight Permit_str	BOBJ1	163.8233	After	Interior Girder 6	51.1133	0.95	1	1	2.511786
Overweight Permit_str	BOBJ1	163.8233	After	Right Exterior Girder	51.1133	0.95	1	1	2.062734
Overweight Permit_str	BOBJ1	164.71	Before	Left Exterior Girder	52	0.95	1	1	1.803781
Overweight Permit_str	BOBJ1	164.71	Before	Right Exterior Girder	52	0.95	1	1	1.803781
Overweight Permit_str	BOBJ1	164.71	After	Left Exterior Girder	52	0.95	1	1	2.885163
Overweight Permit_str	BOBJ1	164.71	After	Right Exterior Girder	52	0.95	1	1	2.885163
Overweight Permit_str	BOBJ1	170.21	Before	Left Exterior Girder	57.5	0.95	1	1	1.544738
Overweight Permit_str	BOBJ1	170.21	Before	Interior Girder 1	57.5	0.95	1	1	1.320916
Overweight Permit_str	BOBJ1	170.21	Before	Interior Girder 2	57.5	0.95	1	1	1.565115
Overweight Permit_str	BOBJ1	170.21	Before	Interior Girder 3	57.5	0.95	1	1	1.282545
Overweight Permit_str	BOBJ1	170.21	Before	Interior Girder 4	57.5	0.95	1	1	1.282545
Overweight Permit_str	BOBJ1	170.21	Before	Interior Girder 5	57.5	0.95	1	1	1.565115
Overweight Permit_str	BOBJ1	170.21	Before	Interior Girder 6	57.5	0.95	1	1	1.320916
Overweight Permit_str	BOBJ1	170.21	Before	Right Exterior Girder	57.5	0.95	1	1	1.544738
Overweight Permit_str	BOBJ1	170.21	After	Left Exterior Girder	0	0.95	1	1	1.542854
Overweight Permit_str	BOBJ1	170.21	After	Interior Girder 1	0	0.95	1	1	1.772394
Overweight Permit_str	BOBJ1	170.21	After	Interior Girder 2	0	0.95	1	1	2.039346
Overweight Permit_str	BOBJ1	170.21	After	Interior Girder 3	0	0.95	1	1	1.704622
Overweight Permit_str	BOBJ1	170.21	After	Interior Girder 4	0	0.95	1	1	1.704622
Overweight Permit_str	BOBJ1	170.21	After	Interior Girder 5	0	0.95	1	1	2.039346
Overweight Permit_str	BOBJ1	170.21	After	Interior Girder 6	0	0.95	1	1	1.772394
Overweight Permit_str	BOBJ1	170.21	After	Right Exterior Girder	0	0.95	1	1	1.542854
Overweight Permit_str	BOBJ1	176.21	Before	Left Exterior Girder	6	0.95	1	1	3.336844
Overweight Permit_str	BOBJ1	176.21	Before	Right Exterior Girder	6	0.95	1	1	3.336844
Overweight Permit_str	BOBJ1	176.21	After	Left Exterior Girder	6	0.95	1	1	2.14567
Overweight Permit_str	BOBJ1	176.21	After	Right Exterior Girder	6	0.95	1	1	2.14567
Overweight Permit_str	BOBJ1	176.6	Before	Left Exterior Girder	6.39	0.95	1	1	2.315453
Overweight Permit_str	BOBJ1	176.6	Before	Interior Girder 1	6.39	0.95	1	1	3.455587
Overweight Permit_str	BOBJ1	176.6	Before	Interior Girder 2	6.39	0.95	1	1	3.944085
Overweight Permit_str	BOBJ1	176.6	Before	Interior Girder 3	6.39	0.95	1	1	3.66382
Overweight Permit_str	BOBJ1	176.6	Before	Interior Girder 4	6.39	0.95	1	1	3.66382
Overweight Permit_str	BOBJ1	176.6	Before	Interior Girder 5	6.39	0.95	1	1	3.944085
Overweight Permit_str	BOBJ1	176.6	Before	Interior Girder 6	6.39	0.95	1	1	3.455587
Overweight Permit_str	BOBJ1	176.6	Before	Right Exterior Girder	6.39	0.95	1	1	2.315453
Overweight Permit_str	BOBJ1	176.6	After	Left Exterior Girder	6.39	0.95	1	1	2.222552
Overweight Permit_str	BOBJ1	176.6	After	Interior Girder 1	6.39	0.95	1	1	3.572884
Overweight Permit_str	BOBJ1	176.6	After	Interior Girder 2	6.39	0.95	1	1	3.96499
Overweight Permit_str	BOBJ1	176.6	After	Interior Girder 3	6.39	0.95	1	1	3.662003

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelINonCompStrgth-Flx - Approach, Span 16-19									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Overweight Permit_str	BOBJ1	176.6	After	Interior Girder 4	6.39	0.95	1	1	3.662003
Overweight Permit_str	BOBJ1	176.6	After	Interior Girder 5	6.39	0.95	1	1	3.96499
Overweight Permit_str	BOBJ1	176.6	After	Interior Girder 6	6.39	0.95	1	1	3.572884
Overweight Permit_str	BOBJ1	176.6	After	Right Exterior Girder	6.39	0.95	1	1	2.222552
Overweight Permit_str	BOBJ1	182.99	Before	Left Exterior Girder	12.78	0.95	1	1	4.770838
Overweight Permit_str	BOBJ1	182.99	Before	Interior Girder 1	12.78	0.95	1	1	4.282028
Overweight Permit_str	BOBJ1	182.99	Before	Interior Girder 2	12.78	0.95	1	1	4.294353
Overweight Permit_str	BOBJ1	182.99	Before	Interior Girder 3	12.78	0.95	1	1	4.05423
Overweight Permit_str	BOBJ1	182.99	Before	Interior Girder 4	12.78	0.95	1	1	4.05423
Overweight Permit_str	BOBJ1	182.99	Before	Interior Girder 5	12.78	0.95	1	1	4.294353
Overweight Permit_str	BOBJ1	182.99	Before	Interior Girder 6	12.78	0.95	1	1	4.282028
Overweight Permit_str	BOBJ1	182.99	Before	Right Exterior Girder	12.78	0.95	1	1	4.770838
Overweight Permit_str	BOBJ1	182.99	After	Left Exterior Girder	12.78	0.95	1	1	4.710032
Overweight Permit_str	BOBJ1	182.99	After	Interior Girder 1	12.78	0.95	1	1	4.282765
Overweight Permit_str	BOBJ1	182.99	After	Interior Girder 2	12.78	0.95	1	1	4.378689
Overweight Permit_str	BOBJ1	182.99	After	Interior Girder 3	12.78	0.95	1	1	4.226814
Overweight Permit_str	BOBJ1	182.99	After	Interior Girder 4	12.78	0.95	1	1	4.226814
Overweight Permit_str	BOBJ1	182.99	After	Interior Girder 5	12.78	0.95	1	1	4.378689
Overweight Permit_str	BOBJ1	182.99	After	Interior Girder 6	12.78	0.95	1	1	4.282765
Overweight Permit_str	BOBJ1	182.99	After	Right Exterior Girder	12.78	0.95	1	1	4.710032
Overweight Permit_str	BOBJ1	189.38	Before	Left Exterior Girder	19.17	0.95	1	1	2.657643
Overweight Permit_str	BOBJ1	189.38	Before	Interior Girder 1	19.17	0.95	1	1	2.756338
Overweight Permit_str	BOBJ1	189.38	Before	Interior Girder 2	19.17	0.95	1	1	2.9046
Overweight Permit_str	BOBJ1	189.38	Before	Interior Girder 3	19.17	0.95	1	1	2.811408
Overweight Permit_str	BOBJ1	189.38	Before	Interior Girder 4	19.17	0.95	1	1	2.811408
Overweight Permit_str	BOBJ1	189.38	Before	Interior Girder 5	19.17	0.95	1	1	2.9046
Overweight Permit_str	BOBJ1	189.38	Before	Interior Girder 6	19.17	0.95	1	1	2.756338
Overweight Permit_str	BOBJ1	189.38	Before	Right Exterior Girder	19.17	0.95	1	1	2.657643
Overweight Permit_str	BOBJ1	189.38	After	Left Exterior Girder	19.17	0.95	1	1	2.745065
Overweight Permit_str	BOBJ1	189.38	After	Interior Girder 1	19.17	0.95	1	1	2.719436
Overweight Permit_str	BOBJ1	189.38	After	Interior Girder 2	19.17	0.95	1	1	2.898533
Overweight Permit_str	BOBJ1	189.38	After	Interior Girder 3	19.17	0.95	1	1	2.852747
Overweight Permit_str	BOBJ1	189.38	After	Interior Girder 4	19.17	0.95	1	1	2.852747
Overweight Permit_str	BOBJ1	189.38	After	Interior Girder 5	19.17	0.95	1	1	2.898533
Overweight Permit_str	BOBJ1	189.38	After	Interior Girder 6	19.17	0.95	1	1	2.719436
Overweight Permit_str	BOBJ1	189.38	After	Right Exterior Girder	19.17	0.95	1	1	2.745065
Overweight Permit_str	BOBJ1	195.77	Before	Left Exterior Girder	25.56	0.95	1	1	1.941465
Overweight Permit_str	BOBJ1	195.77	Before	Interior Girder 1	25.56	0.95	1	1	1.848395
Overweight Permit_str	BOBJ1	195.77	Before	Interior Girder 2	25.56	0.95	1	1	2.024259
Overweight Permit_str	BOBJ1	195.77	Before	Interior Girder 3	25.56	0.95	1	1	1.925794
Overweight Permit_str	BOBJ1	195.77	Before	Interior Girder 4	25.56	0.95	1	1	1.925794
Overweight Permit_str	BOBJ1	195.77	Before	Interior Girder 5	25.56	0.95	1	1	2.024259
Overweight Permit_str	BOBJ1	195.77	Before	Interior Girder 6	25.56	0.95	1	1	1.848395
Overweight Permit_str	BOBJ1	195.77	Before	Right Exterior Girder	25.56	0.95	1	1	1.941465
Overweight Permit_str	BOBJ1	195.77	After	Left Exterior Girder	25.56	0.95	1	1	1.979245
Overweight Permit_str	BOBJ1	195.77	After	Interior Girder 1	25.56	0.95	1	1	1.825086
Overweight Permit_str	BOBJ1	195.77	After	Interior Girder 2	25.56	0.95	1	1	2.018218
Overweight Permit_str	BOBJ1	195.77	After	Interior Girder 3	25.56	0.95	1	1	1.933358
Overweight Permit_str	BOBJ1	195.77	After	Interior Girder 4	25.56	0.95	1	1	1.933358
Overweight Permit_str	BOBJ1	195.77	After	Interior Girder 5	25.56	0.95	1	1	2.018218
Overweight Permit_str	BOBJ1	195.77	After	Interior Girder 6	25.56	0.95	1	1	1.825086
Overweight Permit_str	BOBJ1	195.77	After	Right Exterior Girder	25.56	0.95	1	1	1.979245
Overweight Permit_str	BOBJ1	202.16	Before	Left Exterior Girder	31.95	0.95	1	1	1.700818
Overweight Permit_str	BOBJ1	202.16	Before	Interior Girder 1	31.95	0.95	1	1	1.631783
Overweight Permit_str	BOBJ1	202.16	Before	Interior Girder 2	31.95	0.95	1	1	1.813799
Overweight Permit_str	BOBJ1	202.16	Before	Interior Girder 3	31.95	0.95	1	1	1.747461
Overweight Permit_str	BOBJ1	202.16	Before	Interior Girder 4	31.95	0.95	1	1	1.747461
Overweight Permit_str	BOBJ1	202.16	Before	Interior Girder 5	31.95	0.95	1	1	1.813799
Overweight Permit_str	BOBJ1	202.16	Before	Interior Girder 6	31.95	0.95	1	1	1.631783
Overweight Permit_str	BOBJ1	202.16	Before	Right Exterior Girder	31.95	0.95	1	1	1.700818
Overweight Permit_str	BOBJ1	202.16	After	Left Exterior Girder	31.95	0.95	1	1	1.698111
Overweight Permit_str	BOBJ1	202.16	After	Interior Girder 1	31.95	0.95	1	1	1.637912
Overweight Permit_str	BOBJ1	202.16	After	Interior Girder 2	31.95	0.95	1	1	1.823846
Overweight Permit_str	BOBJ1	202.16	After	Interior Girder 3	31.95	0.95	1	1	1.758738
Overweight Permit_str	BOBJ1	202.16	After	Interior Girder 4	31.95	0.95	1	1	1.758738

TABLE: Bridge Super Rating AASHTORATE18 23 - SteelINonCompStrgth-Flx - Approach, Span 16-19									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Overweight Permit_str	BOBJ1	202.16	After	Interior Girder 5	31.95	0.95	1	1	1.823846
Overweight Permit_str	BOBJ1	202.16	After	Interior Girder 6	31.95	0.95	1	1	1.637912
Overweight Permit_str	BOBJ1	202.16	After	Right Exterior Girder	31.95	0.95	1	1	1.698111
Overweight Permit_str	BOBJ1	208.55	Before	Left Exterior Girder	38.34	0.95	1	1	1.712966
Overweight Permit_str	BOBJ1	208.55	Before	Interior Girder 1	38.34	0.95	1	1	1.774832
Overweight Permit_str	BOBJ1	208.55	Before	Interior Girder 2	38.34	0.95	1	1	1.990003
Overweight Permit_str	BOBJ1	208.55	Before	Interior Girder 3	38.34	0.95	1	1	1.958789
Overweight Permit_str	BOBJ1	208.55	Before	Interior Girder 4	38.34	0.95	1	1	1.958789
Overweight Permit_str	BOBJ1	208.55	Before	Interior Girder 5	38.34	0.95	1	1	1.990003
Overweight Permit_str	BOBJ1	208.55	Before	Interior Girder 6	38.34	0.95	1	1	1.774832
Overweight Permit_str	BOBJ1	208.55	Before	Right Exterior Girder	38.34	0.95	1	1	1.712966
Overweight Permit_str	BOBJ1	208.55	After	Left Exterior Girder	38.34	0.95	1	1	1.681975
Overweight Permit_str	BOBJ1	208.55	After	Interior Girder 1	38.34	0.95	1	1	1.788513
Overweight Permit_str	BOBJ1	208.55	After	Interior Girder 2	38.34	0.95	1	1	1.985136
Overweight Permit_str	BOBJ1	208.55	After	Interior Girder 3	38.34	0.95	1	1	1.948707
Overweight Permit_str	BOBJ1	208.55	After	Interior Girder 4	38.34	0.95	1	1	1.948707
Overweight Permit_str	BOBJ1	208.55	After	Interior Girder 5	38.34	0.95	1	1	1.985136
Overweight Permit_str	BOBJ1	208.55	After	Interior Girder 6	38.34	0.95	1	1	1.788513
Overweight Permit_str	BOBJ1	208.55	After	Right Exterior Girder	38.34	0.95	1	1	1.681975
Overweight Permit_str	BOBJ1	215.1233	Before	Left Exterior Girder	44.9133	0.95	1	1	2.267273
Overweight Permit_str	BOBJ1	215.1233	Before	Interior Girder 1	44.9133	0.95	1	1	2.03749
Overweight Permit_str	BOBJ1	215.1233	Before	Interior Girder 2	44.9133	0.95	1	1	2.24946
Overweight Permit_str	BOBJ1	215.1233	Before	Interior Girder 3	44.9133	0.95	1	1	2.105328
Overweight Permit_str	BOBJ1	215.1233	Before	Interior Girder 4	44.9133	0.95	1	1	2.105328
Overweight Permit_str	BOBJ1	215.1233	Before	Interior Girder 5	44.9133	0.95	1	1	2.24946
Overweight Permit_str	BOBJ1	215.1233	Before	Interior Girder 6	44.9133	0.95	1	1	2.03749
Overweight Permit_str	BOBJ1	215.1233	Before	Right Exterior Girder	44.9133	0.95	1	1	2.267273
Overweight Permit_str	BOBJ1	215.1233	After	Left Exterior Girder	44.9133	0.95	1	1	2.196047
Overweight Permit_str	BOBJ1	215.1233	After	Interior Girder 1	44.9133	0.95	1	1	2.050394
Overweight Permit_str	BOBJ1	215.1233	After	Interior Girder 2	44.9133	0.95	1	1	2.209929
Overweight Permit_str	BOBJ1	215.1233	After	Interior Girder 3	44.9133	0.95	1	1	2.051151
Overweight Permit_str	BOBJ1	215.1233	After	Interior Girder 4	44.9133	0.95	1	1	2.051151
Overweight Permit_str	BOBJ1	215.1233	After	Interior Girder 5	44.9133	0.95	1	1	2.209929
Overweight Permit_str	BOBJ1	215.1233	After	Interior Girder 6	44.9133	0.95	1	1	2.050394
Overweight Permit_str	BOBJ1	215.1233	After	Right Exterior Girder	44.9133	0.95	1	1	2.196047
Overweight Permit_str	BOBJ1	221.6967	Before	Left Exterior Girder	51.4867	0.95	1	1	4.395848
Overweight Permit_str	BOBJ1	221.6967	Before	Interior Girder 1	51.4867	0.95	1	1	3.46763
Overweight Permit_str	BOBJ1	221.6967	Before	Interior Girder 2	51.4867	0.95	1	1	3.622016
Overweight Permit_str	BOBJ1	221.6967	Before	Interior Girder 3	51.4867	0.95	1	1	3.296572
Overweight Permit_str	BOBJ1	221.6967	Before	Interior Girder 4	51.4867	0.95	1	1	3.296572
Overweight Permit_str	BOBJ1	221.6967	Before	Interior Girder 5	51.4867	0.95	1	1	3.622016
Overweight Permit_str	BOBJ1	221.6967	Before	Interior Girder 6	51.4867	0.95	1	1	3.46763
Overweight Permit_str	BOBJ1	221.6967	Before	Right Exterior Girder	51.4867	0.95	1	1	4.395848
Overweight Permit_str	BOBJ1	221.6967	After	Left Exterior Girder	51.4867	0.95	1	1	4.227146
Overweight Permit_str	BOBJ1	221.6967	After	Interior Girder 1	51.4867	0.95	1	1	3.504423
Overweight Permit_str	BOBJ1	221.6967	After	Interior Girder 2	51.4867	0.95	1	1	3.526708
Overweight Permit_str	BOBJ1	221.6967	After	Interior Girder 3	51.4867	0.95	1	1	3.164793
Overweight Permit_str	BOBJ1	221.6967	After	Interior Girder 4	51.4867	0.95	1	1	3.164793
Overweight Permit_str	BOBJ1	221.6967	After	Interior Girder 5	51.4867	0.95	1	1	3.526708
Overweight Permit_str	BOBJ1	221.6967	After	Interior Girder 6	51.4867	0.95	1	1	3.504423
Overweight Permit_str	BOBJ1	221.6967	After	Right Exterior Girder	51.4867	0.95	1	1	4.227146
Overweight Permit_str	BOBJ1	228.27	Before	Left Exterior Girder	58.06	0.95	1	1	326.06018
Overweight Permit_str	BOBJ1	228.27	Before	Interior Girder 1	58.06	0.95	1	1	338.698053
Overweight Permit_str	BOBJ1	228.27	Before	Interior Girder 2	58.06	0.95	1	1	211.958196
Overweight Permit_str	BOBJ1	228.27	Before	Interior Girder 3	58.06	0.95	1	1	162.566567
Overweight Permit_str	BOBJ1	228.27	Before	Interior Girder 4	58.06	0.95	1	1	162.566566
Overweight Permit_str	BOBJ1	228.27	Before	Interior Girder 5	58.06	0.95	1	1	211.958195
Overweight Permit_str	BOBJ1	228.27	Before	Interior Girder 6	58.06	0.95	1	1	338.698052
Overweight Permit_str	BOBJ1	228.27	Before	Right Exterior Girder	58.06	0.95	1	1	326.06018

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Approach, Span 16-19									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
HL93_str_opr	BOBJ1	0	After	Left Exterior Girder	0	0.95	1	1	8.771121
HL93_str_opr	BOBJ1	0	After	Interior Girder 1	0	0.95	1	1	5.434067
HL93_str_opr	BOBJ1	0	After	Interior Girder 2	0	0.95	1	1	5.127141
HL93_str_opr	BOBJ1	0	After	Interior Girder 3	0	0.95	1	1	4.471147
HL93_str_opr	BOBJ1	0	After	Interior Girder 4	0	0.95	1	1	4.471147
HL93_str_opr	BOBJ1	0	After	Interior Girder 5	0	0.95	1	1	5.127141
HL93_str_opr	BOBJ1	0	After	Interior Girder 6	0	0.95	1	1	5.434067
HL93_str_opr	BOBJ1	0	After	Right Exterior Girder	0	0.95	1	1	8.771121
HL93_str_opr	BOBJ1	5.3833	Before	Left Exterior Girder	5.3833	0.95	1	1	8.871369
HL93_str_opr	BOBJ1	5.3833	Before	Interior Girder 1	5.3833	0.95	1	1	5.519312
HL93_str_opr	BOBJ1	5.3833	Before	Interior Girder 2	5.3833	0.95	1	1	5.207308
HL93_str_opr	BOBJ1	5.3833	Before	Interior Girder 3	5.3833	0.95	1	1	4.541397
HL93_str_opr	BOBJ1	5.3833	Before	Interior Girder 4	5.3833	0.95	1	1	4.541397
HL93_str_opr	BOBJ1	5.3833	Before	Interior Girder 5	5.3833	0.95	1	1	5.207308
HL93_str_opr	BOBJ1	5.3833	Before	Interior Girder 6	5.3833	0.95	1	1	5.519312
HL93_str_opr	BOBJ1	5.3833	Before	Right Exterior Girder	5.3833	0.95	1	1	8.871369
HL93_str_opr	BOBJ1	5.3833	After	Left Exterior Girder	5.3833	0.95	1	1	10.676
HL93_str_opr	BOBJ1	5.3833	After	Interior Girder 1	5.3833	0.95	1	1	7.644096
HL93_str_opr	BOBJ1	5.3833	After	Interior Girder 2	5.3833	0.95	1	1	6.957325
HL93_str_opr	BOBJ1	5.3833	After	Interior Girder 3	5.3833	0.95	1	1	6.5764
HL93_str_opr	BOBJ1	5.3833	After	Interior Girder 4	5.3833	0.95	1	1	6.5764
HL93_str_opr	BOBJ1	5.3833	After	Interior Girder 5	5.3833	0.95	1	1	6.957325
HL93_str_opr	BOBJ1	5.3833	After	Interior Girder 6	5.3833	0.95	1	1	7.644096
HL93_str_opr	BOBJ1	5.3833	After	Right Exterior Girder	5.3833	0.95	1	1	10.676
HL93_str_opr	BOBJ1	10.7667	Before	Left Exterior Girder	10.7667	0.95	1	1	10.793871
HL93_str_opr	BOBJ1	10.7667	Before	Interior Girder 1	10.7667	0.95	1	1	7.761724
HL93_str_opr	BOBJ1	10.7667	Before	Interior Girder 2	10.7667	0.95	1	1	7.06382
HL93_str_opr	BOBJ1	10.7667	Before	Interior Girder 3	10.7667	0.95	1	1	6.677479
HL93_str_opr	BOBJ1	10.7667	Before	Interior Girder 4	10.7667	0.95	1	1	6.677479
HL93_str_opr	BOBJ1	10.7667	Before	Interior Girder 5	10.7667	0.95	1	1	7.06382
HL93_str_opr	BOBJ1	10.7667	Before	Interior Girder 6	10.7667	0.95	1	1	7.761724
HL93_str_opr	BOBJ1	10.7667	Before	Right Exterior Girder	10.7667	0.95	1	1	10.793871
HL93_str_opr	BOBJ1	10.7667	After	Left Exterior Girder	10.7667	0.95	1	1	13.414629
HL93_str_opr	BOBJ1	10.7667	After	Interior Girder 1	10.7667	0.95	1	1	10.959679
HL93_str_opr	BOBJ1	10.7667	After	Interior Girder 2	10.7667	0.95	1	1	9.733069
HL93_str_opr	BOBJ1	10.7667	After	Interior Girder 3	10.7667	0.95	1	1	9.381086
HL93_str_opr	BOBJ1	10.7667	After	Interior Girder 4	10.7667	0.95	1	1	9.381086
HL93_str_opr	BOBJ1	10.7667	After	Interior Girder 5	10.7667	0.95	1	1	9.733069
HL93_str_opr	BOBJ1	10.7667	After	Interior Girder 6	10.7667	0.95	1	1	10.959679
HL93_str_opr	BOBJ1	10.7667	After	Right Exterior Girder	10.7667	0.95	1	1	13.414629
HL93_str_opr	BOBJ1	16.15	Before	Left Exterior Girder	16.15	0.95	1	1	13.557972
HL93_str_opr	BOBJ1	16.15	Before	Interior Girder 1	16.15	0.95	1	1	11.125021
HL93_str_opr	BOBJ1	16.15	Before	Interior Girder 2	16.15	0.95	1	1	9.878971
HL93_str_opr	BOBJ1	16.15	Before	Interior Girder 3	16.15	0.95	1	1	9.52224
HL93_str_opr	BOBJ1	16.15	Before	Interior Girder 4	16.15	0.95	1	1	9.52224
HL93_str_opr	BOBJ1	16.15	Before	Interior Girder 5	16.15	0.95	1	1	9.878971
HL93_str_opr	BOBJ1	16.15	Before	Interior Girder 6	16.15	0.95	1	1	11.125021
HL93_str_opr	BOBJ1	16.15	Before	Right Exterior Girder	16.15	0.95	1	1	13.557972
HL93_str_opr	BOBJ1	16.15	After	Left Exterior Girder	16.15	0.95	1	1	22.688569
HL93_str_opr	BOBJ1	16.15	After	Interior Girder 1	16.15	0.95	1	1	11.034434
HL93_str_opr	BOBJ1	16.15	After	Interior Girder 2	16.15	0.95	1	1	9.785937
HL93_str_opr	BOBJ1	16.15	After	Interior Girder 3	16.15	0.95	1	1	8.386767
HL93_str_opr	BOBJ1	16.15	After	Interior Girder 4	16.15	0.95	1	1	8.386767
HL93_str_opr	BOBJ1	16.15	After	Interior Girder 5	16.15	0.95	1	1	9.785937
HL93_str_opr	BOBJ1	16.15	After	Interior Girder 6	16.15	0.95	1	1	11.034434
HL93_str_opr	BOBJ1	16.15	After	Right Exterior Girder	16.15	0.95	1	1	22.688569
HL93_str_opr	BOBJ1	22.1267	Before	Left Exterior Girder	22.1267	0.95	1	1	22.419885
HL93_str_opr	BOBJ1	22.1267	Before	Interior Girder 1	22.1267	0.95	1	1	11.21366
HL93_str_opr	BOBJ1	22.1267	Before	Interior Girder 2	22.1267	0.95	1	1	9.945764
HL93_str_opr	BOBJ1	22.1267	Before	Interior Girder 3	22.1267	0.95	1	1	8.523674
HL93_str_opr	BOBJ1	22.1267	Before	Interior Girder 4	22.1267	0.95	1	1	8.523674
HL93_str_opr	BOBJ1	22.1267	Before	Interior Girder 5	22.1267	0.95	1	1	9.945764
HL93_str_opr	BOBJ1	22.1267	Before	Interior Girder 6	22.1267	0.95	1	1	11.21366
HL93_str_opr	BOBJ1	22.1267	Before	Right Exterior Girder	22.1267	0.95	1	1	22.419885
HL93_str_opr	BOBJ1	22.1267	After	Left Exterior Girder	22.1267	0.95	1	1	15.191628

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Approach, Span 16-19									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
HL93_str_opr	BOBJ1	22.1267	After	Interior Girder 1	22.1267	0.95	1	1	9.414706
HL93_str_opr	BOBJ1	22.1267	After	Interior Girder 2	22.1267	0.95	1	1	8.740849
HL93_str_opr	BOBJ1	22.1267	After	Interior Girder 3	22.1267	0.95	1	1	7.672555
HL93_str_opr	BOBJ1	22.1267	After	Interior Girder 4	22.1267	0.95	1	1	7.672555
HL93_str_opr	BOBJ1	22.1267	After	Interior Girder 5	22.1267	0.95	1	1	8.740849
HL93_str_opr	BOBJ1	22.1267	After	Interior Girder 6	22.1267	0.95	1	1	9.414706
HL93_str_opr	BOBJ1	22.1267	After	Right Exterior Girder	22.1267	0.95	1	1	15.191628
HL93_str_opr	BOBJ1	28.1033	Before	Left Exterior Girder	28.1033	0.95	1	1	15.005091
HL93_str_opr	BOBJ1	28.1033	Before	Interior Girder 1	28.1033	0.95	1	1	9.254946
HL93_str_opr	BOBJ1	28.1033	Before	Interior Girder 2	28.1033	0.95	1	1	8.59316
HL93_str_opr	BOBJ1	28.1033	Before	Interior Girder 3	28.1033	0.95	1	1	7.542842
HL93_str_opr	BOBJ1	28.1033	Before	Interior Girder 4	28.1033	0.95	1	1	7.542842
HL93_str_opr	BOBJ1	28.1033	Before	Interior Girder 5	28.1033	0.95	1	1	8.59316
HL93_str_opr	BOBJ1	28.1033	Before	Interior Girder 6	28.1033	0.95	1	1	9.254946
HL93_str_opr	BOBJ1	28.1033	Before	Right Exterior Girder	28.1033	0.95	1	1	15.005091
HL93_str_opr	BOBJ1	28.1033	After	Left Exterior Girder	28.1033	0.95	1	1	11.354425
HL93_str_opr	BOBJ1	28.1033	After	Interior Girder 1	28.1033	0.95	1	1	6.529138
HL93_str_opr	BOBJ1	28.1033	After	Interior Girder 2	28.1033	0.95	1	1	6.053667
HL93_str_opr	BOBJ1	28.1033	After	Interior Girder 3	28.1033	0.95	1	1	5.217215
HL93_str_opr	BOBJ1	28.1033	After	Interior Girder 4	28.1033	0.95	1	1	5.217215
HL93_str_opr	BOBJ1	28.1033	After	Interior Girder 5	28.1033	0.95	1	1	6.053667
HL93_str_opr	BOBJ1	28.1033	After	Interior Girder 6	28.1033	0.95	1	1	6.529138
HL93_str_opr	BOBJ1	28.1033	After	Right Exterior Girder	28.1033	0.95	1	1	11.354425
HL93_str_opr	BOBJ1	34.08	Before	Left Exterior Girder	34.08	0.95	1	1	11.209587
HL93_str_opr	BOBJ1	34.08	Before	Interior Girder 1	34.08	0.95	1	1	6.4159
HL93_str_opr	BOBJ1	34.08	Before	Interior Girder 2	34.08	0.95	1	1	5.948968
HL93_str_opr	BOBJ1	34.08	Before	Interior Girder 3	34.08	0.95	1	1	5.126851
HL93_str_opr	BOBJ1	34.08	Before	Interior Girder 4	34.08	0.95	1	1	5.126851
HL93_str_opr	BOBJ1	34.08	Before	Interior Girder 5	34.08	0.95	1	1	5.948968
HL93_str_opr	BOBJ1	34.08	Before	Interior Girder 6	34.08	0.95	1	1	6.4159
HL93_str_opr	BOBJ1	34.08	Before	Right Exterior Girder	34.08	0.95	1	1	11.209587
HL93_str_opr	BOBJ1	34.08	After	Left Exterior Girder	34.08	0.95	1	1	7.187207
HL93_str_opr	BOBJ1	34.08	After	Interior Girder 1	34.08	0.95	1	1	5.927183
HL93_str_opr	BOBJ1	34.08	After	Interior Girder 2	34.08	0.95	1	1	5.416846
HL93_str_opr	BOBJ1	34.08	After	Interior Girder 3	34.08	0.95	1	1	4.786097
HL93_str_opr	BOBJ1	34.08	After	Interior Girder 4	34.08	0.95	1	1	4.786097
HL93_str_opr	BOBJ1	34.08	After	Interior Girder 5	34.08	0.95	1	1	5.416846
HL93_str_opr	BOBJ1	34.08	After	Interior Girder 6	34.08	0.95	1	1	5.927183
HL93_str_opr	BOBJ1	34.08	After	Right Exterior Girder	34.08	0.95	1	1	7.187207
HL93_str_opr	BOBJ1	39.855	Before	Left Exterior Girder	39.855	0.95	1	1	7.094657
HL93_str_opr	BOBJ1	39.855	Before	Interior Girder 1	39.855	0.95	1	1	5.825571
HL93_str_opr	BOBJ1	39.855	Before	Interior Girder 2	39.855	0.95	1	1	5.325059
HL93_str_opr	BOBJ1	39.855	Before	Interior Girder 3	39.855	0.95	1	1	4.703062
HL93_str_opr	BOBJ1	39.855	Before	Interior Girder 4	39.855	0.95	1	1	4.703062
HL93_str_opr	BOBJ1	39.855	Before	Interior Girder 5	39.855	0.95	1	1	5.325059
HL93_str_opr	BOBJ1	39.855	Before	Interior Girder 6	39.855	0.95	1	1	5.825571
HL93_str_opr	BOBJ1	39.855	Before	Right Exterior Girder	39.855	0.95	1	1	7.094657
HL93_str_opr	BOBJ1	39.855	After	Left Exterior Girder	39.855	0.95	1	1	4.226369
HL93_str_opr	BOBJ1	39.855	After	Interior Girder 1	39.855	0.95	1	1	5.725076
HL93_str_opr	BOBJ1	39.855	After	Interior Girder 2	39.855	0.95	1	1	4.1794
HL93_str_opr	BOBJ1	39.855	After	Interior Girder 3	39.855	0.95	1	1	3.43508
HL93_str_opr	BOBJ1	39.855	After	Interior Girder 4	39.855	0.95	1	1	3.43508
HL93_str_opr	BOBJ1	39.855	After	Interior Girder 5	39.855	0.95	1	1	4.1794
HL93_str_opr	BOBJ1	39.855	After	Interior Girder 6	39.855	0.95	1	1	5.725076
HL93_str_opr	BOBJ1	39.855	After	Right Exterior Girder	39.855	0.95	1	1	4.226369
HL93_str_opr	BOBJ1	40.0288	Before	Left Exterior Girder	40.0288	0.95	1	1	4.224554
HL93_str_opr	BOBJ1	40.0288	Before	Right Exterior Girder	40.0288	0.95	1	1	4.224554
HL93_str_opr	BOBJ1	40.0288	After	Left Exterior Girder	40.0288	0.95	1	1	6.154606
HL93_str_opr	BOBJ1	40.0288	After	Right Exterior Girder	40.0288	0.95	1	1	6.154606
HL93_str_opr	BOBJ1	45.63	Before	Left Exterior Girder	45.63	0.95	1	1	6.069851
HL93_str_opr	BOBJ1	45.63	Before	Interior Girder 1	45.63	0.95	1	1	4.362056
HL93_str_opr	BOBJ1	45.63	Before	Interior Girder 2	45.63	0.95	1	1	4.107057
HL93_str_opr	BOBJ1	45.63	Before	Interior Girder 3	45.63	0.95	1	1	3.373875
HL93_str_opr	BOBJ1	45.63	Before	Interior Girder 4	45.63	0.95	1	1	3.373875
HL93_str_opr	BOBJ1	45.63	Before	Interior Girder 5	45.63	0.95	1	1	4.107057

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Approach, Span 16-19									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
HL93_str_opr	BOBJ1	45.63	Before	Interior Girder 6	45.63	0.95	1	1	4.362056
HL93_str_opr	BOBJ1	45.63	Before	Right Exterior Girder	45.63	0.95	1	1	6.069851
HL93_str_opr	BOBJ1	45.63	After	Left Exterior Girder	0	0.95	1	1	5.002668
HL93_str_opr	BOBJ1	45.63	After	Interior Girder 1	0	0.95	1	1	4.027727
HL93_str_opr	BOBJ1	45.63	After	Interior Girder 2	0	0.95	1	1	3.766999
HL93_str_opr	BOBJ1	45.63	After	Interior Girder 3	0	0.95	1	1	3.183029
HL93_str_opr	BOBJ1	45.63	After	Interior Girder 4	0	0.95	1	1	3.183029
HL93_str_opr	BOBJ1	45.63	After	Interior Girder 5	0	0.95	1	1	3.766999
HL93_str_opr	BOBJ1	45.63	After	Interior Girder 6	0	0.95	1	1	4.027727
HL93_str_opr	BOBJ1	45.63	After	Right Exterior Girder	0	0.95	1	1	5.002668
HL93_str_opr	BOBJ1	50.6298	Before	Left Exterior Girder	4.9998	0.95	1	1	5.066359
HL93_str_opr	BOBJ1	50.6298	Before	Right Exterior Girder	4.9998	0.95	1	1	5.066359
HL93_str_opr	BOBJ1	50.6298	After	Left Exterior Girder	4.9998	0.95	1	1	3.753522
HL93_str_opr	BOBJ1	50.6298	After	Right Exterior Girder	4.9998	0.95	1	1	3.753522
HL93_str_opr	BOBJ1	51.4	Before	Left Exterior Girder	5.77	0.95	1	1	3.760776
HL93_str_opr	BOBJ1	51.4	Before	Interior Girder 1	5.77	0.95	1	1	4.991419
HL93_str_opr	BOBJ1	51.4	Before	Interior Girder 2	5.77	0.95	1	1	3.834428
HL93_str_opr	BOBJ1	51.4	Before	Interior Girder 3	5.77	0.95	1	1	3.241703
HL93_str_opr	BOBJ1	51.4	Before	Interior Girder 4	5.77	0.95	1	1	3.241703
HL93_str_opr	BOBJ1	51.4	Before	Interior Girder 5	5.77	0.95	1	1	3.834428
HL93_str_opr	BOBJ1	51.4	Before	Interior Girder 6	5.77	0.95	1	1	4.991419
HL93_str_opr	BOBJ1	51.4	Before	Right Exterior Girder	5.77	0.95	1	1	3.760776
HL93_str_opr	BOBJ1	51.4	After	Left Exterior Girder	5.77	0.95	1	1	5.527627
HL93_str_opr	BOBJ1	51.4	After	Interior Girder 1	5.77	0.95	1	1	5.111858
HL93_str_opr	BOBJ1	51.4	After	Interior Girder 2	5.77	0.95	1	1	4.717288
HL93_str_opr	BOBJ1	51.4	After	Interior Girder 3	5.77	0.95	1	1	4.206117
HL93_str_opr	BOBJ1	51.4	After	Interior Girder 4	5.77	0.95	1	1	4.206117
HL93_str_opr	BOBJ1	51.4	After	Interior Girder 5	5.77	0.95	1	1	4.717288
HL93_str_opr	BOBJ1	51.4	After	Interior Girder 6	5.77	0.95	1	1	5.111858
HL93_str_opr	BOBJ1	51.4	After	Right Exterior Girder	5.77	0.95	1	1	5.527627
HL93_str_opr	BOBJ1	57.17	Before	Left Exterior Girder	11.54	0.95	1	1	5.601109
HL93_str_opr	BOBJ1	57.17	Before	Interior Girder 1	11.54	0.95	1	1	5.202443
HL93_str_opr	BOBJ1	57.17	Before	Interior Girder 2	11.54	0.95	1	1	4.799879
HL93_str_opr	BOBJ1	57.17	Before	Interior Girder 3	11.54	0.95	1	1	4.281539
HL93_str_opr	BOBJ1	57.17	Before	Interior Girder 4	11.54	0.95	1	1	4.281539
HL93_str_opr	BOBJ1	57.17	Before	Interior Girder 5	11.54	0.95	1	1	4.799879
HL93_str_opr	BOBJ1	57.17	Before	Interior Girder 6	11.54	0.95	1	1	5.202443
HL93_str_opr	BOBJ1	57.17	Before	Right Exterior Girder	11.54	0.95	1	1	5.601109
HL93_str_opr	BOBJ1	57.17	After	Left Exterior Girder	11.54	0.95	1	1	8.033024
HL93_str_opr	BOBJ1	57.17	After	Interior Girder 1	11.54	0.95	1	1	5.321444
HL93_str_opr	BOBJ1	57.17	After	Interior Girder 2	11.54	0.95	1	1	5.078457
HL93_str_opr	BOBJ1	57.17	After	Interior Girder 3	11.54	0.95	1	1	4.564039
HL93_str_opr	BOBJ1	57.17	After	Interior Girder 4	11.54	0.95	1	1	4.564039
HL93_str_opr	BOBJ1	57.17	After	Interior Girder 5	11.54	0.95	1	1	5.078457
HL93_str_opr	BOBJ1	57.17	After	Interior Girder 6	11.54	0.95	1	1	5.321444
HL93_str_opr	BOBJ1	57.17	After	Right Exterior Girder	11.54	0.95	1	1	8.033024
HL93_str_opr	BOBJ1	63.34	Before	Left Exterior Girder	17.71	0.95	1	1	8.142143
HL93_str_opr	BOBJ1	63.34	Before	Interior Girder 1	17.71	0.95	1	1	5.420151
HL93_str_opr	BOBJ1	63.34	Before	Interior Girder 2	17.71	0.95	1	1	5.172194
HL93_str_opr	BOBJ1	63.34	Before	Interior Girder 3	17.71	0.95	1	1	4.648319
HL93_str_opr	BOBJ1	63.34	Before	Interior Girder 4	17.71	0.95	1	1	4.648319
HL93_str_opr	BOBJ1	63.34	Before	Interior Girder 5	17.71	0.95	1	1	5.172194
HL93_str_opr	BOBJ1	63.34	Before	Interior Girder 6	17.71	0.95	1	1	5.420151
HL93_str_opr	BOBJ1	63.34	Before	Right Exterior Girder	17.71	0.95	1	1	8.142143
HL93_str_opr	BOBJ1	63.34	After	Left Exterior Girder	17.71	0.95	1	1	9.394234
HL93_str_opr	BOBJ1	63.34	After	Interior Girder 1	17.71	0.95	1	1	7.062779
HL93_str_opr	BOBJ1	63.34	After	Interior Girder 2	17.71	0.95	1	1	6.621091
HL93_str_opr	BOBJ1	63.34	After	Interior Girder 3	17.71	0.95	1	1	6.313603
HL93_str_opr	BOBJ1	63.34	After	Interior Girder 4	17.71	0.95	1	1	6.313603
HL93_str_opr	BOBJ1	63.34	After	Interior Girder 5	17.71	0.95	1	1	6.621091
HL93_str_opr	BOBJ1	63.34	After	Interior Girder 6	17.71	0.95	1	1	7.062779
HL93_str_opr	BOBJ1	63.34	After	Right Exterior Girder	17.71	0.95	1	1	9.394234
HL93_str_opr	BOBJ1	69.51	Before	Left Exterior Girder	23.88	0.95	1	1	9.516779
HL93_str_opr	BOBJ1	69.51	Before	Interior Girder 1	23.88	0.95	1	1	7.190775
HL93_str_opr	BOBJ1	69.51	Before	Interior Girder 2	23.88	0.95	1	1	6.740289

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Approach, Span 16-19									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
HL93_str_opr	BOBJ1	69.51	Before	Interior Girder 3	23.88	0.95	1	1	6.427219
HL93_str_opr	BOBJ1	69.51	Before	Interior Girder 4	23.88	0.95	1	1	6.427219
HL93_str_opr	BOBJ1	69.51	Before	Interior Girder 5	23.88	0.95	1	1	6.740289
HL93_str_opr	BOBJ1	69.51	Before	Interior Girder 6	23.88	0.95	1	1	7.190775
HL93_str_opr	BOBJ1	69.51	Before	Right Exterior Girder	23.88	0.95	1	1	9.516779
HL93_str_opr	BOBJ1	69.51	After	Left Exterior Girder	23.88	0.95	1	1	11.306386
HL93_str_opr	BOBJ1	69.51	After	Interior Girder 1	23.88	0.95	1	1	9.734274
HL93_str_opr	BOBJ1	69.51	After	Interior Girder 2	23.88	0.95	1	1	8.9332
HL93_str_opr	BOBJ1	69.51	After	Interior Girder 3	23.88	0.95	1	1	8.762611
HL93_str_opr	BOBJ1	69.51	After	Interior Girder 4	23.88	0.95	1	1	8.762611
HL93_str_opr	BOBJ1	69.51	After	Interior Girder 5	23.88	0.95	1	1	8.9332
HL93_str_opr	BOBJ1	69.51	After	Interior Girder 6	23.88	0.95	1	1	9.734274
HL93_str_opr	BOBJ1	69.51	After	Right Exterior Girder	23.88	0.95	1	1	11.306386
HL93_str_opr	BOBJ1	75.68	Before	Left Exterior Girder	30.05	0.95	1	1	11.448342
HL93_str_opr	BOBJ1	75.68	Before	Interior Girder 1	30.05	0.95	1	1	9.906596
HL93_str_opr	BOBJ1	75.68	Before	Interior Girder 2	30.05	0.95	1	1	9.090076
HL93_str_opr	BOBJ1	75.68	Before	Interior Girder 3	30.05	0.95	1	1	8.74988
HL93_str_opr	BOBJ1	75.68	Before	Interior Girder 4	30.05	0.95	1	1	8.74988
HL93_str_opr	BOBJ1	75.68	Before	Interior Girder 5	30.05	0.95	1	1	9.090076
HL93_str_opr	BOBJ1	75.68	Before	Interior Girder 6	30.05	0.95	1	1	9.906596
HL93_str_opr	BOBJ1	75.68	Before	Right Exterior Girder	30.05	0.95	1	1	11.448342
HL93_str_opr	BOBJ1	75.68	After	Left Exterior Girder	30.05	0.95	1	1	18.548675
HL93_str_opr	BOBJ1	75.68	After	Interior Girder 1	30.05	0.95	1	1	9.279929
HL93_str_opr	BOBJ1	75.68	After	Interior Girder 2	30.05	0.95	1	1	8.254846
HL93_str_opr	BOBJ1	75.68	After	Interior Girder 3	30.05	0.95	1	1	7.096475
HL93_str_opr	BOBJ1	75.68	After	Interior Girder 4	30.05	0.95	1	1	7.096475
HL93_str_opr	BOBJ1	75.68	After	Interior Girder 5	30.05	0.95	1	1	8.254846
HL93_str_opr	BOBJ1	75.68	After	Interior Girder 6	30.05	0.95	1	1	9.279929
HL93_str_opr	BOBJ1	75.68	After	Right Exterior Girder	30.05	0.95	1	1	18.548675
HL93_str_opr	BOBJ1	81.8467	Before	Left Exterior Girder	36.2167	0.95	1	1	18.327734
HL93_str_opr	BOBJ1	81.8467	Before	Interior Girder 1	36.2167	0.95	1	1	9.438097
HL93_str_opr	BOBJ1	81.8467	Before	Interior Girder 2	36.2167	0.95	1	1	8.396149
HL93_str_opr	BOBJ1	81.8467	Before	Interior Girder 3	36.2167	0.95	1	1	7.217983
HL93_str_opr	BOBJ1	81.8467	Before	Interior Girder 4	36.2167	0.95	1	1	7.217983
HL93_str_opr	BOBJ1	81.8467	Before	Interior Girder 5	36.2167	0.95	1	1	8.396149
HL93_str_opr	BOBJ1	81.8467	Before	Interior Girder 6	36.2167	0.95	1	1	9.438097
HL93_str_opr	BOBJ1	81.8467	Before	Right Exterior Girder	36.2167	0.95	1	1	18.327734
HL93_str_opr	BOBJ1	81.8467	After	Left Exterior Girder	36.2167	0.95	1	1	14.280392
HL93_str_opr	BOBJ1	81.8467	After	Interior Girder 1	36.2167	0.95	1	1	9.289168
HL93_str_opr	BOBJ1	81.8467	After	Interior Girder 2	36.2167	0.95	1	1	8.626065
HL93_str_opr	BOBJ1	81.8467	After	Interior Girder 3	36.2167	0.95	1	1	7.914887
HL93_str_opr	BOBJ1	81.8467	After	Interior Girder 4	36.2167	0.95	1	1	7.914887
HL93_str_opr	BOBJ1	81.8467	After	Interior Girder 5	36.2167	0.95	1	1	8.626065
HL93_str_opr	BOBJ1	81.8467	After	Interior Girder 6	36.2167	0.95	1	1	9.289168
HL93_str_opr	BOBJ1	81.8467	After	Right Exterior Girder	36.2167	0.95	1	1	14.280392
HL93_str_opr	BOBJ1	88.0133	Before	Left Exterior Girder	42.3833	0.95	1	1	14.10404
HL93_str_opr	BOBJ1	88.0133	Before	Interior Girder 1	42.3833	0.95	1	1	9.129176
HL93_str_opr	BOBJ1	88.0133	Before	Interior Girder 2	42.3833	0.95	1	1	8.477906
HL93_str_opr	BOBJ1	88.0133	Before	Interior Girder 3	42.3833	0.95	1	1	7.779047
HL93_str_opr	BOBJ1	88.0133	Before	Interior Girder 4	42.3833	0.95	1	1	7.779047
HL93_str_opr	BOBJ1	88.0133	Before	Interior Girder 5	42.3833	0.95	1	1	8.477906
HL93_str_opr	BOBJ1	88.0133	Before	Interior Girder 6	42.3833	0.95	1	1	9.129176
HL93_str_opr	BOBJ1	88.0133	Before	Right Exterior Girder	42.3833	0.95	1	1	14.10404
HL93_str_opr	BOBJ1	88.0133	After	Left Exterior Girder	42.3833	0.95	1	1	11.487381
HL93_str_opr	BOBJ1	88.0133	After	Interior Girder 1	42.3833	0.95	1	1	6.697195
HL93_str_opr	BOBJ1	88.0133	After	Interior Girder 2	42.3833	0.95	1	1	6.312342
HL93_str_opr	BOBJ1	88.0133	After	Interior Girder 3	42.3833	0.95	1	1	5.525975
HL93_str_opr	BOBJ1	88.0133	After	Interior Girder 4	42.3833	0.95	1	1	5.525975
HL93_str_opr	BOBJ1	88.0133	After	Interior Girder 5	42.3833	0.95	1	1	6.312342
HL93_str_opr	BOBJ1	88.0133	After	Interior Girder 6	42.3833	0.95	1	1	6.697195
HL93_str_opr	BOBJ1	88.0133	After	Right Exterior Girder	42.3833	0.95	1	1	11.487381
HL93_str_opr	BOBJ1	94.18	Before	Left Exterior Girder	48.55	0.95	1	1	11.340055
HL93_str_opr	BOBJ1	94.18	Before	Interior Girder 1	48.55	0.95	1	1	6.579214
HL93_str_opr	BOBJ1	94.18	Before	Interior Girder 2	48.55	0.95	1	1	6.201267
HL93_str_opr	BOBJ1	94.18	Before	Interior Girder 3	48.55	0.95	1	1	5.42881

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Approach, Span 16-19									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
HL93_str_opr	BOBJ1	94.18	Before	Interior Girder 4	48.55	0.95	1	1	5.42881
HL93_str_opr	BOBJ1	94.18	Before	Interior Girder 5	48.55	0.95	1	1	6.201267
HL93_str_opr	BOBJ1	94.18	Before	Interior Girder 6	48.55	0.95	1	1	6.579214
HL93_str_opr	BOBJ1	94.18	Before	Right Exterior Girder	48.55	0.95	1	1	11.340055
HL93_str_opr	BOBJ1	94.18	After	Left Exterior Girder	48.55	0.95	1	1	7.021952
HL93_str_opr	BOBJ1	94.18	After	Interior Girder 1	48.55	0.95	1	1	6.669595
HL93_str_opr	BOBJ1	94.18	After	Interior Girder 2	48.55	0.95	1	1	6.106241
HL93_str_opr	BOBJ1	94.18	After	Interior Girder 3	48.55	0.95	1	1	5.730475
HL93_str_opr	BOBJ1	94.18	After	Interior Girder 4	48.55	0.95	1	1	5.730475
HL93_str_opr	BOBJ1	94.18	After	Interior Girder 5	48.55	0.95	1	1	6.106241
HL93_str_opr	BOBJ1	94.18	After	Interior Girder 6	48.55	0.95	1	1	6.669595
HL93_str_opr	BOBJ1	94.18	After	Right Exterior Girder	48.55	0.95	1	1	7.021952
HL93_str_opr	BOBJ1	100.3567	Before	Left Exterior Girder	54.7267	0.95	1	1	6.928377
HL93_str_opr	BOBJ1	100.3567	Before	Interior Girder 1	54.7267	0.95	1	1	6.548387
HL93_str_opr	BOBJ1	100.3567	Before	Interior Girder 2	54.7267	0.95	1	1	5.996427
HL93_str_opr	BOBJ1	100.3567	Before	Interior Girder 3	54.7267	0.95	1	1	5.626308
HL93_str_opr	BOBJ1	100.3567	Before	Interior Girder 4	54.7267	0.95	1	1	5.626308
HL93_str_opr	BOBJ1	100.3567	Before	Interior Girder 5	54.7267	0.95	1	1	5.996427
HL93_str_opr	BOBJ1	100.3567	Before	Interior Girder 6	54.7267	0.95	1	1	6.548387
HL93_str_opr	BOBJ1	100.3567	Before	Right Exterior Girder	54.7267	0.95	1	1	6.928377
HL93_str_opr	BOBJ1	100.3567	After	Left Exterior Girder	54.7267	0.95	1	1	6.13358
HL93_str_opr	BOBJ1	100.3567	After	Interior Girder 1	54.7267	0.95	1	1	5.080456
HL93_str_opr	BOBJ1	100.3567	After	Interior Girder 2	54.7267	0.95	1	1	4.748602
HL93_str_opr	BOBJ1	100.3567	After	Interior Girder 3	54.7267	0.95	1	1	4.287003
HL93_str_opr	BOBJ1	100.3567	After	Interior Girder 4	54.7267	0.95	1	1	4.287003
HL93_str_opr	BOBJ1	100.3567	After	Interior Girder 5	54.7267	0.95	1	1	4.748602
HL93_str_opr	BOBJ1	100.3567	After	Interior Girder 6	54.7267	0.95	1	1	5.080456
HL93_str_opr	BOBJ1	100.3567	After	Right Exterior Girder	54.7267	0.95	1	1	6.13358
HL93_str_opr	BOBJ1	106.5333	Before	Left Exterior Girder	60.9033	0.95	1	1	6.048374
HL93_str_opr	BOBJ1	106.5333	Before	Interior Girder 1	60.9033	0.95	1	1	4.985971
HL93_str_opr	BOBJ1	106.5333	Before	Interior Girder 2	60.9033	0.95	1	1	4.661092
HL93_str_opr	BOBJ1	106.5333	Before	Interior Girder 3	60.9033	0.95	1	1	4.206969
HL93_str_opr	BOBJ1	106.5333	Before	Interior Girder 4	60.9033	0.95	1	1	4.206969
HL93_str_opr	BOBJ1	106.5333	Before	Interior Girder 5	60.9033	0.95	1	1	4.661092
HL93_str_opr	BOBJ1	106.5333	Before	Interior Girder 6	60.9033	0.95	1	1	4.985971
HL93_str_opr	BOBJ1	106.5333	Before	Right Exterior Girder	60.9033	0.95	1	1	6.048374
HL93_str_opr	BOBJ1	106.5333	After	Left Exterior Girder	60.9033	0.95	1	1	4.939379
HL93_str_opr	BOBJ1	106.5333	After	Interior Girder 1	60.9033	0.95	1	1	4.256925
HL93_str_opr	BOBJ1	106.5333	After	Interior Girder 2	60.9033	0.95	1	1	3.78426
HL93_str_opr	BOBJ1	106.5333	After	Interior Girder 3	60.9033	0.95	1	1	3.199348
HL93_str_opr	BOBJ1	106.5333	After	Interior Girder 4	60.9033	0.95	1	1	3.199348
HL93_str_opr	BOBJ1	106.5333	After	Interior Girder 5	60.9033	0.95	1	1	3.78426
HL93_str_opr	BOBJ1	106.5333	After	Interior Girder 6	60.9033	0.95	1	1	4.256925
HL93_str_opr	BOBJ1	106.5333	After	Right Exterior Girder	60.9033	0.95	1	1	4.939379
HL93_str_opr	BOBJ1	108.2102	Before	Left Exterior Girder	62.5802	0.95	1	1	4.9196
HL93_str_opr	BOBJ1	108.2102	Before	Right Exterior Girder	62.5802	0.95	1	1	4.9196
HL93_str_opr	BOBJ1	108.2102	After	Left Exterior Girder	62.5802	0.95	1	1	5.413415
HL93_str_opr	BOBJ1	108.2102	After	Right Exterior Girder	62.5802	0.95	1	1	5.413415
HL93_str_opr	BOBJ1	112.71	Before	Left Exterior Girder	67.08	0.95	1	1	5.352387
HL93_str_opr	BOBJ1	112.71	Before	Interior Girder 1	67.08	0.95	1	1	3.90911
HL93_str_opr	BOBJ1	112.71	Before	Interior Girder 2	67.08	0.95	1	1	3.712857
HL93_str_opr	BOBJ1	112.71	Before	Interior Girder 3	67.08	0.95	1	1	3.137889
HL93_str_opr	BOBJ1	112.71	Before	Interior Girder 4	67.08	0.95	1	1	3.137889
HL93_str_opr	BOBJ1	112.71	Before	Interior Girder 5	67.08	0.95	1	1	3.712857
HL93_str_opr	BOBJ1	112.71	Before	Interior Girder 6	67.08	0.95	1	1	3.90911
HL93_str_opr	BOBJ1	112.71	Before	Right Exterior Girder	67.08	0.95	1	1	5.352387
HL93_str_opr	BOBJ1	112.71	After	Left Exterior Girder	0	0.95	1	1	6.140913
HL93_str_opr	BOBJ1	112.71	After	Interior Girder 1	0	0.95	1	1	4.230627
HL93_str_opr	BOBJ1	112.71	After	Interior Girder 2	0	0.95	1	1	3.999649
HL93_str_opr	BOBJ1	112.71	After	Interior Girder 3	0	0.95	1	1	3.319182
HL93_str_opr	BOBJ1	112.71	After	Interior Girder 4	0	0.95	1	1	3.319182
HL93_str_opr	BOBJ1	112.71	After	Interior Girder 5	0	0.95	1	1	3.999649
HL93_str_opr	BOBJ1	112.71	After	Interior Girder 6	0	0.95	1	1	4.230627
HL93_str_opr	BOBJ1	112.71	After	Right Exterior Girder	0	0.95	1	1	6.140913
HL93_str_opr	BOBJ1	117.21	Before	Left Exterior Girder	4.5	0.95	1	1	6.208915

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Approach, Span 16-19									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
HL93_str_opr	BOBJ1	117.21	Before	Right Exterior Girder	4.5	0.95	1	1	6.208915
HL93_str_opr	BOBJ1	117.21	After	Left Exterior Girder	4.5	0.95	1	1	6.071389
HL93_str_opr	BOBJ1	117.21	After	Right Exterior Girder	4.5	0.95	1	1	6.071389
HL93_str_opr	BOBJ1	119.1	Before	Left Exterior Girder	6.39	0.95	1	1	6.09788
HL93_str_opr	BOBJ1	119.1	Before	Interior Girder 1	6.39	0.95	1	1	4.486909
HL93_str_opr	BOBJ1	119.1	Before	Interior Girder 2	6.39	0.95	1	1	4.077431
HL93_str_opr	BOBJ1	119.1	Before	Interior Girder 3	6.39	0.95	1	1	3.384971
HL93_str_opr	BOBJ1	119.1	Before	Interior Girder 4	6.39	0.95	1	1	3.384971
HL93_str_opr	BOBJ1	119.1	Before	Interior Girder 5	6.39	0.95	1	1	4.077431
HL93_str_opr	BOBJ1	119.1	Before	Interior Girder 6	6.39	0.95	1	1	4.486909
HL93_str_opr	BOBJ1	119.1	Before	Right Exterior Girder	6.39	0.95	1	1	6.09788
HL93_str_opr	BOBJ1	119.1	After	Left Exterior Girder	6.39	0.95	1	1	7.38383
HL93_str_opr	BOBJ1	119.1	After	Interior Girder 1	6.39	0.95	1	1	5.595819
HL93_str_opr	BOBJ1	119.1	After	Interior Girder 2	6.39	0.95	1	1	5.17718
HL93_str_opr	BOBJ1	119.1	After	Interior Girder 3	6.39	0.95	1	1	4.65546
HL93_str_opr	BOBJ1	119.1	After	Interior Girder 4	6.39	0.95	1	1	4.65546
HL93_str_opr	BOBJ1	119.1	After	Interior Girder 5	6.39	0.95	1	1	5.17718
HL93_str_opr	BOBJ1	119.1	After	Interior Girder 6	6.39	0.95	1	1	5.595819
HL93_str_opr	BOBJ1	119.1	After	Right Exterior Girder	6.39	0.95	1	1	7.38383
HL93_str_opr	BOBJ1	125.49	Before	Left Exterior Girder	12.78	0.95	1	1	7.488274
HL93_str_opr	BOBJ1	125.49	Before	Interior Girder 1	12.78	0.95	1	1	5.702778
HL93_str_opr	BOBJ1	125.49	Before	Interior Girder 2	12.78	0.95	1	1	5.275444
HL93_str_opr	BOBJ1	125.49	Before	Interior Girder 3	12.78	0.95	1	1	4.745064
HL93_str_opr	BOBJ1	125.49	Before	Interior Girder 4	12.78	0.95	1	1	4.745064
HL93_str_opr	BOBJ1	125.49	Before	Interior Girder 5	12.78	0.95	1	1	5.275444
HL93_str_opr	BOBJ1	125.49	Before	Interior Girder 6	12.78	0.95	1	1	5.702778
HL93_str_opr	BOBJ1	125.49	Before	Right Exterior Girder	12.78	0.95	1	1	7.488274
HL93_str_opr	BOBJ1	125.49	After	Left Exterior Girder	12.78	0.95	1	1	8.828656
HL93_str_opr	BOBJ1	125.49	After	Interior Girder 1	12.78	0.95	1	1	7.758487
HL93_str_opr	BOBJ1	125.49	After	Interior Girder 2	12.78	0.95	1	1	6.965315
HL93_str_opr	BOBJ1	125.49	After	Interior Girder 3	12.78	0.95	1	1	6.490841
HL93_str_opr	BOBJ1	125.49	After	Interior Girder 4	12.78	0.95	1	1	6.490841
HL93_str_opr	BOBJ1	125.49	After	Interior Girder 5	12.78	0.95	1	1	6.965315
HL93_str_opr	BOBJ1	125.49	After	Interior Girder 6	12.78	0.95	1	1	7.758487
HL93_str_opr	BOBJ1	125.49	After	Right Exterior Girder	12.78	0.95	1	1	8.828656
HL93_str_opr	BOBJ1	131.88	Before	Left Exterior Girder	19.17	0.95	1	1	8.948347
HL93_str_opr	BOBJ1	131.88	Before	Interior Girder 1	19.17	0.95	1	1	7.903298
HL93_str_opr	BOBJ1	131.88	Before	Interior Girder 2	19.17	0.95	1	1	7.094242
HL93_str_opr	BOBJ1	131.88	Before	Interior Girder 3	19.17	0.95	1	1	6.6124
HL93_str_opr	BOBJ1	131.88	Before	Interior Girder 4	19.17	0.95	1	1	6.6124
HL93_str_opr	BOBJ1	131.88	Before	Interior Girder 5	19.17	0.95	1	1	7.094242
HL93_str_opr	BOBJ1	131.88	Before	Interior Girder 6	19.17	0.95	1	1	7.903298
HL93_str_opr	BOBJ1	131.88	Before	Right Exterior Girder	19.17	0.95	1	1	8.948347
HL93_str_opr	BOBJ1	131.88	After	Left Exterior Girder	19.17	0.95	1	1	16.159977
HL93_str_opr	BOBJ1	131.88	After	Interior Girder 1	19.17	0.95	1	1	7.891146
HL93_str_opr	BOBJ1	131.88	After	Interior Girder 2	19.17	0.95	1	1	7.246912
HL93_str_opr	BOBJ1	131.88	After	Interior Girder 3	19.17	0.95	1	1	6.254847
HL93_str_opr	BOBJ1	131.88	After	Interior Girder 4	19.17	0.95	1	1	6.254847
HL93_str_opr	BOBJ1	131.88	After	Interior Girder 5	19.17	0.95	1	1	7.246912
HL93_str_opr	BOBJ1	131.88	After	Interior Girder 6	19.17	0.95	1	1	7.891146
HL93_str_opr	BOBJ1	131.88	After	Right Exterior Girder	19.17	0.95	1	1	16.159977
HL93_str_opr	BOBJ1	138.27	Before	Left Exterior Girder	25.56	0.95	1	1	16.370601
HL93_str_opr	BOBJ1	138.27	Before	Interior Girder 1	25.56	0.95	1	1	8.034054
HL93_str_opr	BOBJ1	138.27	Before	Interior Girder 2	25.56	0.95	1	1	7.378403
HL93_str_opr	BOBJ1	138.27	Before	Interior Girder 3	25.56	0.95	1	1	6.368368
HL93_str_opr	BOBJ1	138.27	Before	Interior Girder 4	25.56	0.95	1	1	6.368368
HL93_str_opr	BOBJ1	138.27	Before	Interior Girder 5	25.56	0.95	1	1	7.378403
HL93_str_opr	BOBJ1	138.27	Before	Interior Girder 6	25.56	0.95	1	1	8.034054
HL93_str_opr	BOBJ1	138.27	Before	Right Exterior Girder	25.56	0.95	1	1	16.370601
HL93_str_opr	BOBJ1	138.27	After	Left Exterior Girder	25.56	0.95	1	1	20.574089
HL93_str_opr	BOBJ1	138.27	After	Interior Girder 1	25.56	0.95	1	1	11.804553
HL93_str_opr	BOBJ1	138.27	After	Interior Girder 2	25.56	0.95	1	1	10.826259
HL93_str_opr	BOBJ1	138.27	After	Interior Girder 3	25.56	0.95	1	1	9.511879
HL93_str_opr	BOBJ1	138.27	After	Interior Girder 4	25.56	0.95	1	1	9.511879
HL93_str_opr	BOBJ1	138.27	After	Interior Girder 5	25.56	0.95	1	1	10.826259

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Approach, Span 16-19									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
HL93_str_opr	BOBJ1	138.27	After	Interior Girder 6	25.56	0.95	1	1	11.804553
HL93_str_opr	BOBJ1	138.27	After	Right Exterior Girder	25.56	0.95	1	1	20.574089
HL93_str_opr	BOBJ1	144.66	Before	Left Exterior Girder	31.95	0.95	1	1	20.3178
HL93_str_opr	BOBJ1	144.66	Before	Interior Girder 1	31.95	0.95	1	1	11.59892
HL93_str_opr	BOBJ1	144.66	Before	Interior Girder 2	31.95	0.95	1	1	10.637732
HL93_str_opr	BOBJ1	144.66	Before	Interior Girder 3	31.95	0.95	1	1	9.346252
HL93_str_opr	BOBJ1	144.66	Before	Interior Girder 4	31.95	0.95	1	1	9.346252
HL93_str_opr	BOBJ1	144.66	Before	Interior Girder 5	31.95	0.95	1	1	10.637732
HL93_str_opr	BOBJ1	144.66	Before	Interior Girder 6	31.95	0.95	1	1	11.59892
HL93_str_opr	BOBJ1	144.66	Before	Right Exterior Girder	31.95	0.95	1	1	20.3178
HL93_str_opr	BOBJ1	144.66	After	Left Exterior Girder	31.95	0.95	1	1	15.026615
HL93_str_opr	BOBJ1	144.66	After	Interior Girder 1	31.95	0.95	1	1	7.827578
HL93_str_opr	BOBJ1	144.66	After	Interior Girder 2	31.95	0.95	1	1	7.186918
HL93_str_opr	BOBJ1	144.66	After	Interior Girder 3	31.95	0.95	1	1	6.215018
HL93_str_opr	BOBJ1	144.66	After	Interior Girder 4	31.95	0.95	1	1	6.215018
HL93_str_opr	BOBJ1	144.66	After	Interior Girder 5	31.95	0.95	1	1	7.186918
HL93_str_opr	BOBJ1	144.66	After	Interior Girder 6	31.95	0.95	1	1	7.827578
HL93_str_opr	BOBJ1	144.66	After	Right Exterior Girder	31.95	0.95	1	1	15.026615
HL93_str_opr	BOBJ1	151.05	Before	Left Exterior Girder	38.34	0.95	1	1	14.832117
HL93_str_opr	BOBJ1	151.05	Before	Interior Girder 1	38.34	0.95	1	1	7.688079
HL93_str_opr	BOBJ1	151.05	Before	Interior Girder 2	38.34	0.95	1	1	7.058679
HL93_str_opr	BOBJ1	151.05	Before	Interior Girder 3	38.34	0.95	1	1	6.104104
HL93_str_opr	BOBJ1	151.05	Before	Interior Girder 4	38.34	0.95	1	1	6.104104
HL93_str_opr	BOBJ1	151.05	Before	Interior Girder 5	38.34	0.95	1	1	7.058679
HL93_str_opr	BOBJ1	151.05	Before	Interior Girder 6	38.34	0.95	1	1	7.688079
HL93_str_opr	BOBJ1	151.05	Before	Right Exterior Girder	38.34	0.95	1	1	14.832117
HL93_str_opr	BOBJ1	151.05	After	Left Exterior Girder	38.34	0.95	1	1	8.468729
HL93_str_opr	BOBJ1	151.05	After	Interior Girder 1	38.34	0.95	1	1	7.624375
HL93_str_opr	BOBJ1	151.05	After	Interior Girder 2	38.34	0.95	1	1	6.841323
HL93_str_opr	BOBJ1	151.05	After	Interior Girder 3	38.34	0.95	1	1	6.343781
HL93_str_opr	BOBJ1	151.05	After	Interior Girder 4	38.34	0.95	1	1	6.343781
HL93_str_opr	BOBJ1	151.05	After	Interior Girder 5	38.34	0.95	1	1	6.841323
HL93_str_opr	BOBJ1	151.05	After	Interior Girder 6	38.34	0.95	1	1	7.624375
HL93_str_opr	BOBJ1	151.05	After	Right Exterior Girder	38.34	0.95	1	1	8.468729
HL93_str_opr	BOBJ1	157.4367	Before	Left Exterior Girder	44.7267	0.95	1	1	8.354685
HL93_str_opr	BOBJ1	157.4367	Before	Interior Girder 1	44.7267	0.95	1	1	7.484633
HL93_str_opr	BOBJ1	157.4367	Before	Interior Girder 2	44.7267	0.95	1	1	6.716989
HL93_str_opr	BOBJ1	157.4367	Before	Interior Girder 3	44.7267	0.95	1	1	6.226984
HL93_str_opr	BOBJ1	157.4367	Before	Interior Girder 4	44.7267	0.95	1	1	6.226984
HL93_str_opr	BOBJ1	157.4367	Before	Interior Girder 5	44.7267	0.95	1	1	6.716989
HL93_str_opr	BOBJ1	157.4367	Before	Interior Girder 6	44.7267	0.95	1	1	7.484633
HL93_str_opr	BOBJ1	157.4367	Before	Right Exterior Girder	44.7267	0.95	1	1	8.354685
HL93_str_opr	BOBJ1	157.4367	After	Left Exterior Girder	44.7267	0.95	1	1	7.10175
HL93_str_opr	BOBJ1	157.4367	After	Interior Girder 1	44.7267	0.95	1	1	5.694396
HL93_str_opr	BOBJ1	157.4367	After	Interior Girder 2	44.7267	0.95	1	1	5.17298
HL93_str_opr	BOBJ1	157.4367	After	Interior Girder 3	44.7267	0.95	1	1	4.483644
HL93_str_opr	BOBJ1	157.4367	After	Interior Girder 4	44.7267	0.95	1	1	4.483644
HL93_str_opr	BOBJ1	157.4367	After	Interior Girder 5	44.7267	0.95	1	1	5.17298
HL93_str_opr	BOBJ1	157.4367	After	Interior Girder 6	44.7267	0.95	1	1	5.694396
HL93_str_opr	BOBJ1	157.4367	After	Right Exterior Girder	44.7267	0.95	1	1	7.10175
HL93_str_opr	BOBJ1	158.71	Before	Left Exterior Girder	46	0.95	1	1	7.08199
HL93_str_opr	BOBJ1	158.71	Before	Interior Girder 1	46	0.95	1	1	5.673226
HL93_str_opr	BOBJ1	158.71	Before	Interior Girder 2	46	0.95	1	1	5.153851
HL93_str_opr	BOBJ1	158.71	Before	Interior Girder 3	46	0.95	1	1	4.466775
HL93_str_opr	BOBJ1	158.71	Before	Interior Girder 4	46	0.95	1	1	4.466775
HL93_str_opr	BOBJ1	158.71	Before	Interior Girder 5	46	0.95	1	1	5.153851
HL93_str_opr	BOBJ1	158.71	Before	Interior Girder 6	46	0.95	1	1	5.673226
HL93_str_opr	BOBJ1	158.71	Before	Right Exterior Girder	46	0.95	1	1	7.08199
HL93_str_opr	BOBJ1	158.71	After	Left Exterior Girder	46	0.95	1	1	8.727674
HL93_str_opr	BOBJ1	158.71	After	Interior Girder 1	46	0.95	1	1	6.15693
HL93_str_opr	BOBJ1	158.71	After	Interior Girder 2	46	0.95	1	1	5.727789
HL93_str_opr	BOBJ1	158.71	After	Interior Girder 3	46	0.95	1	1	5.043224
HL93_str_opr	BOBJ1	158.71	After	Interior Girder 4	46	0.95	1	1	5.043224
HL93_str_opr	BOBJ1	158.71	After	Interior Girder 5	46	0.95	1	1	5.727789
HL93_str_opr	BOBJ1	158.71	After	Interior Girder 6	46	0.95	1	1	6.15693

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Approach, Span 16-19									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
HL93_str_opr	BOBJ1	158.71	After	Right Exterior Girder	46	0.95	1	1	8.727674
HL93_str_opr	BOBJ1	163.8233	Before	Left Exterior Girder	51.1133	0.95	1	1	8.643219
HL93_str_opr	BOBJ1	163.8233	Before	Interior Girder 1	51.1133	0.95	1	1	6.074718
HL93_str_opr	BOBJ1	163.8233	Before	Interior Girder 2	51.1133	0.95	1	1	5.651762
HL93_str_opr	BOBJ1	163.8233	Before	Interior Girder 3	51.1133	0.95	1	1	4.97536
HL93_str_opr	BOBJ1	163.8233	Before	Interior Girder 4	51.1133	0.95	1	1	4.97536
HL93_str_opr	BOBJ1	163.8233	Before	Interior Girder 5	51.1133	0.95	1	1	5.651762
HL93_str_opr	BOBJ1	163.8233	Before	Interior Girder 6	51.1133	0.95	1	1	6.074718
HL93_str_opr	BOBJ1	163.8233	Before	Right Exterior Girder	51.1133	0.95	1	1	8.643219
HL93_str_opr	BOBJ1	163.8233	After	Left Exterior Girder	51.1133	0.95	1	1	6.702392
HL93_str_opr	BOBJ1	163.8233	After	Interior Girder 1	51.1133	0.95	1	1	5.369485
HL93_str_opr	BOBJ1	163.8233	After	Interior Girder 2	51.1133	0.95	1	1	4.69833
HL93_str_opr	BOBJ1	163.8233	After	Interior Girder 3	51.1133	0.95	1	1	3.887
HL93_str_opr	BOBJ1	163.8233	After	Interior Girder 4	51.1133	0.95	1	1	3.887
HL93_str_opr	BOBJ1	163.8233	After	Interior Girder 5	51.1133	0.95	1	1	4.69833
HL93_str_opr	BOBJ1	163.8233	After	Interior Girder 6	51.1133	0.95	1	1	5.369485
HL93_str_opr	BOBJ1	163.8233	After	Right Exterior Girder	51.1133	0.95	1	1	6.702392
HL93_str_opr	BOBJ1	164.71	Before	Left Exterior Girder	52	0.95	1	1	6.690677
HL93_str_opr	BOBJ1	164.71	Before	Right Exterior Girder	52	0.95	1	1	6.690677
HL93_str_opr	BOBJ1	164.71	After	Left Exterior Girder	52	0.95	1	1	7.662366
HL93_str_opr	BOBJ1	164.71	After	Right Exterior Girder	52	0.95	1	1	7.662366
HL93_str_opr	BOBJ1	170.21	Before	Left Exterior Girder	57.5	0.95	1	1	7.572654
HL93_str_opr	BOBJ1	170.21	Before	Interior Girder 1	57.5	0.95	1	1	4.893715
HL93_str_opr	BOBJ1	170.21	Before	Interior Girder 2	57.5	0.95	1	1	4.619103
HL93_str_opr	BOBJ1	170.21	Before	Interior Girder 3	57.5	0.95	1	1	3.82027
HL93_str_opr	BOBJ1	170.21	Before	Interior Girder 4	57.5	0.95	1	1	3.82027
HL93_str_opr	BOBJ1	170.21	Before	Interior Girder 5	57.5	0.95	1	1	4.619103
HL93_str_opr	BOBJ1	170.21	Before	Interior Girder 6	57.5	0.95	1	1	4.893715
HL93_str_opr	BOBJ1	170.21	Before	Right Exterior Girder	57.5	0.95	1	1	7.572654
HL93_str_opr	BOBJ1	170.21	After	Left Exterior Girder	0	0.95	1	1	6.838553
HL93_str_opr	BOBJ1	170.21	After	Interior Girder 1	0	0.95	1	1	4.546932
HL93_str_opr	BOBJ1	170.21	After	Interior Girder 2	0	0.95	1	1	4.293516
HL93_str_opr	BOBJ1	170.21	After	Interior Girder 3	0	0.95	1	1	3.605726
HL93_str_opr	BOBJ1	170.21	After	Interior Girder 4	0	0.95	1	1	3.605726
HL93_str_opr	BOBJ1	170.21	After	Interior Girder 5	0	0.95	1	1	4.293516
HL93_str_opr	BOBJ1	170.21	After	Interior Girder 6	0	0.95	1	1	4.546932
HL93_str_opr	BOBJ1	170.21	After	Right Exterior Girder	0	0.95	1	1	6.838553
HL93_str_opr	BOBJ1	176.21	Before	Left Exterior Girder	6	0.95	1	1	6.929647
HL93_str_opr	BOBJ1	176.21	Before	Right Exterior Girder	6	0.95	1	1	6.929647
HL93_str_opr	BOBJ1	176.21	After	Left Exterior Girder	6	0.95	1	1	4.661544
HL93_str_opr	BOBJ1	176.21	After	Right Exterior Girder	6	0.95	1	1	4.661544
HL93_str_opr	BOBJ1	176.6	Before	Left Exterior Girder	6.39	0.95	1	1	4.665419
HL93_str_opr	BOBJ1	176.6	Before	Interior Girder 1	6.39	0.95	1	1	5.942392
HL93_str_opr	BOBJ1	176.6	Before	Interior Girder 2	6.39	0.95	1	1	4.369031
HL93_str_opr	BOBJ1	176.6	Before	Interior Girder 3	6.39	0.95	1	1	3.670274
HL93_str_opr	BOBJ1	176.6	Before	Interior Girder 4	6.39	0.95	1	1	3.670274
HL93_str_opr	BOBJ1	176.6	Before	Interior Girder 5	6.39	0.95	1	1	4.369031
HL93_str_opr	BOBJ1	176.6	Before	Interior Girder 6	6.39	0.95	1	1	5.942392
HL93_str_opr	BOBJ1	176.6	Before	Right Exterior Girder	6.39	0.95	1	1	4.665419
HL93_str_opr	BOBJ1	176.6	After	Left Exterior Girder	6.39	0.95	1	1	7.595127
HL93_str_opr	BOBJ1	176.6	After	Interior Girder 1	6.39	0.95	1	1	5.821667
HL93_str_opr	BOBJ1	176.6	After	Interior Girder 2	6.39	0.95	1	1	5.370589
HL93_str_opr	BOBJ1	176.6	After	Interior Girder 3	6.39	0.95	1	1	4.822776
HL93_str_opr	BOBJ1	176.6	After	Interior Girder 4	6.39	0.95	1	1	4.822776
HL93_str_opr	BOBJ1	176.6	After	Interior Girder 5	6.39	0.95	1	1	5.370589
HL93_str_opr	BOBJ1	176.6	After	Interior Girder 6	6.39	0.95	1	1	5.821667
HL93_str_opr	BOBJ1	176.6	After	Right Exterior Girder	6.39	0.95	1	1	7.595127
HL93_str_opr	BOBJ1	182.99	Before	Left Exterior Girder	12.78	0.95	1	1	7.690436
HL93_str_opr	BOBJ1	182.99	Before	Interior Girder 1	12.78	0.95	1	1	5.922661
HL93_str_opr	BOBJ1	182.99	Before	Interior Girder 2	12.78	0.95	1	1	5.463025
HL93_str_opr	BOBJ1	182.99	Before	Interior Girder 3	12.78	0.95	1	1	4.906859
HL93_str_opr	BOBJ1	182.99	Before	Interior Girder 4	12.78	0.95	1	1	4.906859
HL93_str_opr	BOBJ1	182.99	Before	Interior Girder 5	12.78	0.95	1	1	5.463025
HL93_str_opr	BOBJ1	182.99	Before	Interior Girder 6	12.78	0.95	1	1	5.922661
HL93_str_opr	BOBJ1	182.99	Before	Right Exterior Girder	12.78	0.95	1	1	7.690436

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Approach, Span 16-19									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
HL93_str_opr	BOBJ1	182.99	After	Left Exterior Girder	12.78	0.95	1	1	8.70433
HL93_str_opr	BOBJ1	182.99	After	Interior Girder 1	12.78	0.95	1	1	7.68177
HL93_str_opr	BOBJ1	182.99	After	Interior Girder 2	12.78	0.95	1	1	6.904069
HL93_str_opr	BOBJ1	182.99	After	Interior Girder 3	12.78	0.95	1	1	6.430897
HL93_str_opr	BOBJ1	182.99	After	Interior Girder 4	12.78	0.95	1	1	6.430897
HL93_str_opr	BOBJ1	182.99	After	Interior Girder 5	12.78	0.95	1	1	6.904069
HL93_str_opr	BOBJ1	182.99	After	Interior Girder 6	12.78	0.95	1	1	7.68177
HL93_str_opr	BOBJ1	182.99	After	Right Exterior Girder	12.78	0.95	1	1	8.70433
HL93_str_opr	BOBJ1	189.38	Before	Left Exterior Girder	19.17	0.95	1	1	8.809678
HL93_str_opr	BOBJ1	189.38	Before	Interior Girder 1	19.17	0.95	1	1	7.812231
HL93_str_opr	BOBJ1	189.38	Before	Interior Girder 2	19.17	0.95	1	1	7.020257
HL93_str_opr	BOBJ1	189.38	Before	Interior Girder 3	19.17	0.95	1	1	6.540279
HL93_str_opr	BOBJ1	189.38	Before	Interior Girder 4	19.17	0.95	1	1	6.540279
HL93_str_opr	BOBJ1	189.38	Before	Interior Girder 5	19.17	0.95	1	1	7.020257
HL93_str_opr	BOBJ1	189.38	Before	Interior Girder 6	19.17	0.95	1	1	7.812231
HL93_str_opr	BOBJ1	189.38	Before	Right Exterior Girder	19.17	0.95	1	1	8.809678
HL93_str_opr	BOBJ1	189.38	After	Left Exterior Girder	19.17	0.95	1	1	14.452635
HL93_str_opr	BOBJ1	189.38	After	Interior Girder 1	19.17	0.95	1	1	7.743297
HL93_str_opr	BOBJ1	189.38	After	Interior Girder 2	19.17	0.95	1	1	7.173261
HL93_str_opr	BOBJ1	189.38	After	Interior Girder 3	19.17	0.95	1	1	6.234736
HL93_str_opr	BOBJ1	189.38	After	Interior Girder 4	19.17	0.95	1	1	6.234736
HL93_str_opr	BOBJ1	189.38	After	Interior Girder 5	19.17	0.95	1	1	7.173261
HL93_str_opr	BOBJ1	189.38	After	Interior Girder 6	19.17	0.95	1	1	7.743297
HL93_str_opr	BOBJ1	189.38	After	Right Exterior Girder	19.17	0.95	1	1	14.452635
HL93_str_opr	BOBJ1	195.77	Before	Left Exterior Girder	25.56	0.95	1	1	14.621914
HL93_str_opr	BOBJ1	195.77	Before	Interior Girder 1	25.56	0.95	1	1	7.871387
HL93_str_opr	BOBJ1	195.77	Before	Interior Girder 2	25.56	0.95	1	1	7.291777
HL93_str_opr	BOBJ1	195.77	Before	Interior Girder 3	25.56	0.95	1	1	6.337695
HL93_str_opr	BOBJ1	195.77	Before	Interior Girder 4	25.56	0.95	1	1	6.337695
HL93_str_opr	BOBJ1	195.77	Before	Interior Girder 5	25.56	0.95	1	1	7.291777
HL93_str_opr	BOBJ1	195.77	Before	Interior Girder 6	25.56	0.95	1	1	7.871387
HL93_str_opr	BOBJ1	195.77	Before	Right Exterior Girder	25.56	0.95	1	1	14.621914
HL93_str_opr	BOBJ1	195.77	After	Left Exterior Girder	25.56	0.95	1	1	18.957936
HL93_str_opr	BOBJ1	195.77	After	Interior Girder 1	25.56	0.95	1	1	11.03866
HL93_str_opr	BOBJ1	195.77	After	Interior Girder 2	25.56	0.95	1	1	10.208753
HL93_str_opr	BOBJ1	195.77	After	Interior Girder 3	25.56	0.95	1	1	9.060048
HL93_str_opr	BOBJ1	195.77	After	Interior Girder 4	25.56	0.95	1	1	9.060048
HL93_str_opr	BOBJ1	195.77	After	Interior Girder 5	25.56	0.95	1	1	10.208753
HL93_str_opr	BOBJ1	195.77	After	Interior Girder 6	25.56	0.95	1	1	11.03866
HL93_str_opr	BOBJ1	195.77	After	Right Exterior Girder	25.56	0.95	1	1	18.957936
HL93_str_opr	BOBJ1	202.16	Before	Left Exterior Girder	31.95	0.95	1	1	19.172741
HL93_str_opr	BOBJ1	202.16	Before	Interior Girder 1	31.95	0.95	1	1	11.217492
HL93_str_opr	BOBJ1	202.16	Before	Interior Girder 2	31.95	0.95	1	1	10.373666
HL93_str_opr	BOBJ1	202.16	Before	Interior Girder 3	31.95	0.95	1	1	9.206323
HL93_str_opr	BOBJ1	202.16	Before	Interior Girder 4	31.95	0.95	1	1	9.206323
HL93_str_opr	BOBJ1	202.16	Before	Interior Girder 5	31.95	0.95	1	1	10.373666
HL93_str_opr	BOBJ1	202.16	Before	Interior Girder 6	31.95	0.95	1	1	11.217492
HL93_str_opr	BOBJ1	202.16	Before	Right Exterior Girder	31.95	0.95	1	1	19.172741
HL93_str_opr	BOBJ1	202.16	After	Left Exterior Girder	31.95	0.95	1	1	27.002018
HL93_str_opr	BOBJ1	202.16	After	Interior Girder 1	31.95	0.95	1	1	11.178686
HL93_str_opr	BOBJ1	202.16	After	Interior Girder 2	31.95	0.95	1	1	9.980687
HL93_str_opr	BOBJ1	202.16	After	Interior Girder 3	31.95	0.95	1	1	8.56629
HL93_str_opr	BOBJ1	202.16	After	Interior Girder 4	31.95	0.95	1	1	8.56629
HL93_str_opr	BOBJ1	202.16	After	Interior Girder 5	31.95	0.95	1	1	9.980687
HL93_str_opr	BOBJ1	202.16	After	Interior Girder 6	31.95	0.95	1	1	11.178686
HL93_str_opr	BOBJ1	202.16	After	Right Exterior Girder	31.95	0.95	1	1	27.002018
HL93_str_opr	BOBJ1	208.55	Before	Left Exterior Girder	38.34	0.95	1	1	27.129518
HL93_str_opr	BOBJ1	208.55	Before	Interior Girder 1	38.34	0.95	1	1	11.004937
HL93_str_opr	BOBJ1	208.55	Before	Interior Girder 2	38.34	0.95	1	1	9.824896
HL93_str_opr	BOBJ1	208.55	Before	Interior Girder 3	38.34	0.95	1	1	8.432553
HL93_str_opr	BOBJ1	208.55	Before	Interior Girder 4	38.34	0.95	1	1	8.432553
HL93_str_opr	BOBJ1	208.55	Before	Interior Girder 5	38.34	0.95	1	1	9.824896
HL93_str_opr	BOBJ1	208.55	Before	Interior Girder 6	38.34	0.95	1	1	11.004937
HL93_str_opr	BOBJ1	208.55	Before	Right Exterior Girder	38.34	0.95	1	1	27.129518
HL93_str_opr	BOBJ1	208.55	After	Left Exterior Girder	38.34	0.95	1	1	13.581297

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Approach, Span 16-19									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
HL93_str_opr	BOBJ1	208.55	After	Interior Girder 1	38.34	0.95	1	1	11.922587
HL93_str_opr	BOBJ1	208.55	After	Interior Girder 2	38.34	0.95	1	1	10.674743
HL93_str_opr	BOBJ1	208.55	After	Interior Girder 3	38.34	0.95	1	1	10.401928
HL93_str_opr	BOBJ1	208.55	After	Interior Girder 4	38.34	0.95	1	1	10.401928
HL93_str_opr	BOBJ1	208.55	After	Interior Girder 5	38.34	0.95	1	1	10.674743
HL93_str_opr	BOBJ1	208.55	After	Interior Girder 6	38.34	0.95	1	1	11.922587
HL93_str_opr	BOBJ1	208.55	After	Right Exterior Girder	38.34	0.95	1	1	13.581297
HL93_str_opr	BOBJ1	215.1233	Before	Left Exterior Girder	44.9133	0.95	1	1	13.424977
HL93_str_opr	BOBJ1	215.1233	Before	Interior Girder 1	44.9133	0.95	1	1	11.725728
HL93_str_opr	BOBJ1	215.1233	Before	Interior Girder 2	44.9133	0.95	1	1	10.49961
HL93_str_opr	BOBJ1	215.1233	Before	Interior Girder 3	44.9133	0.95	1	1	10.230997
HL93_str_opr	BOBJ1	215.1233	Before	Interior Girder 4	44.9133	0.95	1	1	10.230997
HL93_str_opr	BOBJ1	215.1233	Before	Interior Girder 5	44.9133	0.95	1	1	10.49961
HL93_str_opr	BOBJ1	215.1233	Before	Interior Girder 6	44.9133	0.95	1	1	11.725728
HL93_str_opr	BOBJ1	215.1233	Before	Right Exterior Girder	44.9133	0.95	1	1	13.424977
HL93_str_opr	BOBJ1	215.1233	After	Left Exterior Girder	44.9133	0.95	1	1	11.074285
HL93_str_opr	BOBJ1	215.1233	After	Interior Girder 1	44.9133	0.95	1	1	8.326072
HL93_str_opr	BOBJ1	215.1233	After	Interior Girder 2	44.9133	0.95	1	1	7.601959
HL93_str_opr	BOBJ1	215.1233	After	Interior Girder 3	44.9133	0.95	1	1	7.264243
HL93_str_opr	BOBJ1	215.1233	After	Interior Girder 4	44.9133	0.95	1	1	7.264243
HL93_str_opr	BOBJ1	215.1233	After	Interior Girder 5	44.9133	0.95	1	1	7.601959
HL93_str_opr	BOBJ1	215.1233	After	Interior Girder 6	44.9133	0.95	1	1	8.326072
HL93_str_opr	BOBJ1	215.1233	After	Right Exterior Girder	44.9133	0.95	1	1	11.074285
HL93_str_opr	BOBJ1	221.6967	Before	Left Exterior Girder	51.4867	0.95	1	1	10.942493
HL93_str_opr	BOBJ1	221.6967	Before	Interior Girder 1	51.4867	0.95	1	1	8.18558
HL93_str_opr	BOBJ1	221.6967	Before	Interior Girder 2	51.4867	0.95	1	1	7.474369
HL93_str_opr	BOBJ1	221.6967	Before	Interior Girder 3	51.4867	0.95	1	1	7.142095
HL93_str_opr	BOBJ1	221.6967	Before	Interior Girder 4	51.4867	0.95	1	1	7.142095
HL93_str_opr	BOBJ1	221.6967	Before	Interior Girder 5	51.4867	0.95	1	1	7.474369
HL93_str_opr	BOBJ1	221.6967	Before	Interior Girder 6	51.4867	0.95	1	1	8.18558
HL93_str_opr	BOBJ1	221.6967	Before	Right Exterior Girder	51.4867	0.95	1	1	10.942493
HL93_str_opr	BOBJ1	221.6967	After	Left Exterior Girder	51.4867	0.95	1	1	9.373593
HL93_str_opr	BOBJ1	221.6967	After	Interior Girder 1	51.4867	0.95	1	1	5.944666
HL93_str_opr	BOBJ1	221.6967	After	Interior Girder 2	51.4867	0.95	1	1	5.588461
HL93_str_opr	BOBJ1	221.6967	After	Interior Girder 3	51.4867	0.95	1	1	4.988253
HL93_str_opr	BOBJ1	221.6967	After	Interior Girder 4	51.4867	0.95	1	1	4.988253
HL93_str_opr	BOBJ1	221.6967	After	Interior Girder 5	51.4867	0.95	1	1	5.588461
HL93_str_opr	BOBJ1	221.6967	After	Interior Girder 6	51.4867	0.95	1	1	5.944666
HL93_str_opr	BOBJ1	221.6967	After	Right Exterior Girder	51.4867	0.95	1	1	9.373593
HL93_str_opr	BOBJ1	228.27	Before	Left Exterior Girder	58.06	0.95	1	1	9.257987
HL93_str_opr	BOBJ1	228.27	Before	Interior Girder 1	58.06	0.95	1	1	5.842228
HL93_str_opr	BOBJ1	228.27	Before	Interior Girder 2	58.06	0.95	1	1	5.492519
HL93_str_opr	BOBJ1	228.27	Before	Interior Girder 3	58.06	0.95	1	1	4.902322
HL93_str_opr	BOBJ1	228.27	Before	Interior Girder 4	58.06	0.95	1	1	4.902322
HL93_str_opr	BOBJ1	228.27	Before	Interior Girder 5	58.06	0.95	1	1	5.492519
HL93_str_opr	BOBJ1	228.27	Before	Interior Girder 6	58.06	0.95	1	1	5.842228
HL93_str_opr	BOBJ1	228.27	Before	Right Exterior Girder	58.06	0.95	1	1	9.257987
HL93_str_inv	BOBJ1	0	After	Left Exterior Girder	0	0.95	1	1	6.766294
HL93_str_inv	BOBJ1	0	After	Interior Girder 1	0	0.95	1	1	4.191994
HL93_str_inv	BOBJ1	0	After	Interior Girder 2	0	0.95	1	1	3.955223
HL93_str_inv	BOBJ1	0	After	Interior Girder 3	0	0.95	1	1	3.449171
HL93_str_inv	BOBJ1	0	After	Interior Girder 4	0	0.95	1	1	3.449171
HL93_str_inv	BOBJ1	0	After	Interior Girder 5	0	0.95	1	1	3.955223
HL93_str_inv	BOBJ1	0	After	Interior Girder 6	0	0.95	1	1	4.191994
HL93_str_inv	BOBJ1	0	After	Right Exterior Girder	0	0.95	1	1	6.766294
HL93_str_inv	BOBJ1	5.3833	Before	Left Exterior Girder	5.3833	0.95	1	1	6.843627
HL93_str_inv	BOBJ1	5.3833	Before	Interior Girder 1	5.3833	0.95	1	1	4.257755
HL93_str_inv	BOBJ1	5.3833	Before	Interior Girder 2	5.3833	0.95	1	1	4.017066
HL93_str_inv	BOBJ1	5.3833	Before	Interior Girder 3	5.3833	0.95	1	1	3.503363
HL93_str_inv	BOBJ1	5.3833	Before	Interior Girder 4	5.3833	0.95	1	1	3.503363
HL93_str_inv	BOBJ1	5.3833	Before	Interior Girder 5	5.3833	0.95	1	1	4.017066
HL93_str_inv	BOBJ1	5.3833	Before	Interior Girder 6	5.3833	0.95	1	1	4.257755
HL93_str_inv	BOBJ1	5.3833	Before	Right Exterior Girder	5.3833	0.95	1	1	6.843627
HL93_str_inv	BOBJ1	5.3833	After	Left Exterior Girder	5.3833	0.95	1	1	8.235772
HL93_str_inv	BOBJ1	5.3833	After	Interior Girder 1	5.3833	0.95	1	1	5.896874

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Approach, Span 16-19									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
HL93_str_inv	BOBJ1	5.3833	After	Interior Girder 2	5.3833	0.95	1	1	5.36708
HL93_str_inv	BOBJ1	5.3833	After	Interior Girder 3	5.3833	0.95	1	1	5.073222
HL93_str_inv	BOBJ1	5.3833	After	Interior Girder 4	5.3833	0.95	1	1	5.073222
HL93_str_inv	BOBJ1	5.3833	After	Interior Girder 5	5.3833	0.95	1	1	5.36708
HL93_str_inv	BOBJ1	5.3833	After	Interior Girder 6	5.3833	0.95	1	1	5.896874
HL93_str_inv	BOBJ1	5.3833	After	Right Exterior Girder	5.3833	0.95	1	1	8.235772
HL93_str_inv	BOBJ1	10.7667	Before	Left Exterior Girder	10.7667	0.95	1	1	8.326701
HL93_str_inv	BOBJ1	10.7667	Before	Interior Girder 1	10.7667	0.95	1	1	5.987616
HL93_str_inv	BOBJ1	10.7667	Before	Interior Girder 2	10.7667	0.95	1	1	5.449233
HL93_str_inv	BOBJ1	10.7667	Before	Interior Girder 3	10.7667	0.95	1	1	5.151198
HL93_str_inv	BOBJ1	10.7667	Before	Interior Girder 4	10.7667	0.95	1	1	5.151198
HL93_str_inv	BOBJ1	10.7667	Before	Interior Girder 5	10.7667	0.95	1	1	5.449233
HL93_str_inv	BOBJ1	10.7667	Before	Interior Girder 6	10.7667	0.95	1	1	5.987616
HL93_str_inv	BOBJ1	10.7667	Before	Right Exterior Girder	10.7667	0.95	1	1	8.326701
HL93_str_inv	BOBJ1	10.7667	After	Left Exterior Girder	10.7667	0.95	1	1	10.348428
HL93_str_inv	BOBJ1	10.7667	After	Interior Girder 1	10.7667	0.95	1	1	8.454609
HL93_str_inv	BOBJ1	10.7667	After	Interior Girder 2	10.7667	0.95	1	1	7.508368
HL93_str_inv	BOBJ1	10.7667	After	Interior Girder 3	10.7667	0.95	1	1	7.236837
HL93_str_inv	BOBJ1	10.7667	After	Interior Girder 4	10.7667	0.95	1	1	7.236837
HL93_str_inv	BOBJ1	10.7667	After	Interior Girder 5	10.7667	0.95	1	1	7.508368
HL93_str_inv	BOBJ1	10.7667	After	Interior Girder 6	10.7667	0.95	1	1	8.454609
HL93_str_inv	BOBJ1	10.7667	After	Right Exterior Girder	10.7667	0.95	1	1	10.348428
HL93_str_inv	BOBJ1	16.15	Before	Left Exterior Girder	16.15	0.95	1	1	10.459007
HL93_str_inv	BOBJ1	16.15	Before	Interior Girder 1	16.15	0.95	1	1	8.582159
HL93_str_inv	BOBJ1	16.15	Before	Interior Girder 2	16.15	0.95	1	1	7.62092
HL93_str_inv	BOBJ1	16.15	Before	Interior Girder 3	16.15	0.95	1	1	7.345728
HL93_str_inv	BOBJ1	16.15	Before	Interior Girder 4	16.15	0.95	1	1	7.345728
HL93_str_inv	BOBJ1	16.15	Before	Interior Girder 5	16.15	0.95	1	1	7.62092
HL93_str_inv	BOBJ1	16.15	Before	Interior Girder 6	16.15	0.95	1	1	8.582159
HL93_str_inv	BOBJ1	16.15	Before	Right Exterior Girder	16.15	0.95	1	1	10.459007
HL93_str_inv	BOBJ1	16.15	After	Left Exterior Girder	16.15	0.95	1	1	17.50261
HL93_str_inv	BOBJ1	16.15	After	Interior Girder 1	16.15	0.95	1	1	8.512278
HL93_str_inv	BOBJ1	16.15	After	Interior Girder 2	16.15	0.95	1	1	7.549151
HL93_str_inv	BOBJ1	16.15	After	Interior Girder 3	16.15	0.95	1	1	6.469792
HL93_str_inv	BOBJ1	16.15	After	Interior Girder 4	16.15	0.95	1	1	6.469792
HL93_str_inv	BOBJ1	16.15	After	Interior Girder 5	16.15	0.95	1	1	7.549151
HL93_str_inv	BOBJ1	16.15	After	Interior Girder 6	16.15	0.95	1	1	8.512278
HL93_str_inv	BOBJ1	16.15	After	Right Exterior Girder	16.15	0.95	1	1	17.50261
HL93_str_inv	BOBJ1	22.1267	Before	Left Exterior Girder	22.1267	0.95	1	1	17.29534
HL93_str_inv	BOBJ1	22.1267	Before	Interior Girder 1	22.1267	0.95	1	1	8.650538
HL93_str_inv	BOBJ1	22.1267	Before	Interior Girder 2	22.1267	0.95	1	1	7.672446
HL93_str_inv	BOBJ1	22.1267	Before	Interior Girder 3	22.1267	0.95	1	1	6.575406
HL93_str_inv	BOBJ1	22.1267	Before	Interior Girder 4	22.1267	0.95	1	1	6.575406
HL93_str_inv	BOBJ1	22.1267	Before	Interior Girder 5	22.1267	0.95	1	1	7.672446
HL93_str_inv	BOBJ1	22.1267	Before	Interior Girder 6	22.1267	0.95	1	1	8.650538
HL93_str_inv	BOBJ1	22.1267	Before	Right Exterior Girder	22.1267	0.95	1	1	17.29534
HL93_str_inv	BOBJ1	22.1267	After	Left Exterior Girder	22.1267	0.95	1	1	11.719256
HL93_str_inv	BOBJ1	22.1267	After	Interior Girder 1	22.1267	0.95	1	1	7.262774
HL93_str_inv	BOBJ1	22.1267	After	Interior Girder 2	22.1267	0.95	1	1	6.742941
HL93_str_inv	BOBJ1	22.1267	After	Interior Girder 3	22.1267	0.95	1	1	5.918828
HL93_str_inv	BOBJ1	22.1267	After	Interior Girder 4	22.1267	0.95	1	1	5.918828
HL93_str_inv	BOBJ1	22.1267	After	Interior Girder 5	22.1267	0.95	1	1	6.742941
HL93_str_inv	BOBJ1	22.1267	After	Interior Girder 6	22.1267	0.95	1	1	7.262774
HL93_str_inv	BOBJ1	22.1267	After	Right Exterior Girder	22.1267	0.95	1	1	11.719256
HL93_str_inv	BOBJ1	28.1033	Before	Left Exterior Girder	28.1033	0.95	1	1	11.575356
HL93_str_inv	BOBJ1	28.1033	Before	Interior Girder 1	28.1033	0.95	1	1	7.139529
HL93_str_inv	BOBJ1	28.1033	Before	Interior Girder 2	28.1033	0.95	1	1	6.629009
HL93_str_inv	BOBJ1	28.1033	Before	Interior Girder 3	28.1033	0.95	1	1	5.818764
HL93_str_inv	BOBJ1	28.1033	Before	Interior Girder 4	28.1033	0.95	1	1	5.818764
HL93_str_inv	BOBJ1	28.1033	Before	Interior Girder 5	28.1033	0.95	1	1	6.629009
HL93_str_inv	BOBJ1	28.1033	Before	Interior Girder 6	28.1033	0.95	1	1	7.139529
HL93_str_inv	BOBJ1	28.1033	Before	Right Exterior Girder	28.1033	0.95	1	1	11.575356
HL93_str_inv	BOBJ1	28.1033	After	Left Exterior Girder	28.1033	0.95	1	1	8.759128
HL93_str_inv	BOBJ1	28.1033	After	Interior Girder 1	28.1033	0.95	1	1	5.036764
HL93_str_inv	BOBJ1	28.1033	After	Interior Girder 2	28.1033	0.95	1	1	4.669972

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Approach, Span 16-19									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
HL93_str_inv	BOBJ1	28.1033	After	Interior Girder 3	28.1033	0.95	1	1	4.024709
HL93_str_inv	BOBJ1	28.1033	After	Interior Girder 4	28.1033	0.95	1	1	4.024709
HL93_str_inv	BOBJ1	28.1033	After	Interior Girder 5	28.1033	0.95	1	1	4.669972
HL93_str_inv	BOBJ1	28.1033	After	Interior Girder 6	28.1033	0.95	1	1	5.036764
HL93_str_inv	BOBJ1	28.1033	After	Right Exterior Girder	28.1033	0.95	1	1	8.759128
HL93_str_inv	BOBJ1	34.08	Before	Left Exterior Girder	34.08	0.95	1	1	8.647396
HL93_str_inv	BOBJ1	34.08	Before	Interior Girder 1	34.08	0.95	1	1	4.949409
HL93_str_inv	BOBJ1	34.08	Before	Interior Girder 2	34.08	0.95	1	1	4.589204
HL93_str_inv	BOBJ1	34.08	Before	Interior Girder 3	34.08	0.95	1	1	3.954999
HL93_str_inv	BOBJ1	34.08	Before	Interior Girder 4	34.08	0.95	1	1	3.954999
HL93_str_inv	BOBJ1	34.08	Before	Interior Girder 5	34.08	0.95	1	1	4.589204
HL93_str_inv	BOBJ1	34.08	Before	Interior Girder 6	34.08	0.95	1	1	4.949409
HL93_str_inv	BOBJ1	34.08	Before	Right Exterior Girder	34.08	0.95	1	1	8.647396
HL93_str_inv	BOBJ1	34.08	After	Left Exterior Girder	34.08	0.95	1	1	5.544417
HL93_str_inv	BOBJ1	34.08	After	Interior Girder 1	34.08	0.95	1	1	4.572399
HL93_str_inv	BOBJ1	34.08	After	Interior Girder 2	34.08	0.95	1	1	4.178709
HL93_str_inv	BOBJ1	34.08	After	Interior Girder 3	34.08	0.95	1	1	3.692132
HL93_str_inv	BOBJ1	34.08	After	Interior Girder 4	34.08	0.95	1	1	3.692132
HL93_str_inv	BOBJ1	34.08	After	Interior Girder 5	34.08	0.95	1	1	4.178709
HL93_str_inv	BOBJ1	34.08	After	Interior Girder 6	34.08	0.95	1	1	4.572399
HL93_str_inv	BOBJ1	34.08	After	Right Exterior Girder	34.08	0.95	1	1	5.544417
HL93_str_inv	BOBJ1	39.855	Before	Left Exterior Girder	39.855	0.95	1	1	5.473021
HL93_str_inv	BOBJ1	39.855	Before	Interior Girder 1	39.855	0.95	1	1	4.494012
HL93_str_inv	BOBJ1	39.855	Before	Interior Girder 2	39.855	0.95	1	1	4.107903
HL93_str_inv	BOBJ1	39.855	Before	Interior Girder 3	39.855	0.95	1	1	3.628076
HL93_str_inv	BOBJ1	39.855	Before	Interior Girder 4	39.855	0.95	1	1	3.628076
HL93_str_inv	BOBJ1	39.855	Before	Interior Girder 5	39.855	0.95	1	1	4.107903
HL93_str_inv	BOBJ1	39.855	Before	Interior Girder 6	39.855	0.95	1	1	4.494012
HL93_str_inv	BOBJ1	39.855	Before	Right Exterior Girder	39.855	0.95	1	1	5.473021
HL93_str_inv	BOBJ1	39.855	After	Left Exterior Girder	39.855	0.95	1	1	3.260342
HL93_str_inv	BOBJ1	39.855	After	Interior Girder 1	39.855	0.95	1	1	4.416487
HL93_str_inv	BOBJ1	39.855	After	Interior Girder 2	39.855	0.95	1	1	3.224109
HL93_str_inv	BOBJ1	39.855	After	Interior Girder 3	39.855	0.95	1	1	2.649919
HL93_str_inv	BOBJ1	39.855	After	Interior Girder 4	39.855	0.95	1	1	2.649919
HL93_str_inv	BOBJ1	39.855	After	Interior Girder 5	39.855	0.95	1	1	3.224109
HL93_str_inv	BOBJ1	39.855	After	Interior Girder 6	39.855	0.95	1	1	4.416487
HL93_str_inv	BOBJ1	39.855	After	Right Exterior Girder	39.855	0.95	1	1	3.260342
HL93_str_inv	BOBJ1	40.0288	Before	Left Exterior Girder	40.0288	0.95	1	1	3.258941
HL93_str_inv	BOBJ1	40.0288	Before	Right Exterior Girder	40.0288	0.95	1	1	3.258941
HL93_str_inv	BOBJ1	40.0288	After	Left Exterior Girder	40.0288	0.95	1	1	4.747839
HL93_str_inv	BOBJ1	40.0288	After	Right Exterior Girder	40.0288	0.95	1	1	4.747839
HL93_str_inv	BOBJ1	45.63	Before	Left Exterior Girder	45.63	0.95	1	1	4.682457
HL93_str_inv	BOBJ1	45.63	Before	Interior Girder 1	45.63	0.95	1	1	3.365014
HL93_str_inv	BOBJ1	45.63	Before	Interior Girder 2	45.63	0.95	1	1	3.168301
HL93_str_inv	BOBJ1	45.63	Before	Interior Girder 3	45.63	0.95	1	1	2.602703
HL93_str_inv	BOBJ1	45.63	Before	Interior Girder 4	45.63	0.95	1	1	2.602703
HL93_str_inv	BOBJ1	45.63	Before	Interior Girder 5	45.63	0.95	1	1	3.168301
HL93_str_inv	BOBJ1	45.63	Before	Interior Girder 6	45.63	0.95	1	1	3.365014
HL93_str_inv	BOBJ1	45.63	Before	Right Exterior Girder	45.63	0.95	1	1	4.682457
HL93_str_inv	BOBJ1	45.63	After	Left Exterior Girder	0	0.95	1	1	3.859201
HL93_str_inv	BOBJ1	45.63	After	Interior Girder 1	0	0.95	1	1	3.107104
HL93_str_inv	BOBJ1	45.63	After	Interior Girder 2	0	0.95	1	1	2.90597
HL93_str_inv	BOBJ1	45.63	After	Interior Girder 3	0	0.95	1	1	2.45548
HL93_str_inv	BOBJ1	45.63	After	Interior Girder 4	0	0.95	1	1	2.45548
HL93_str_inv	BOBJ1	45.63	After	Interior Girder 5	0	0.95	1	1	2.90597
HL93_str_inv	BOBJ1	45.63	After	Interior Girder 6	0	0.95	1	1	3.107104
HL93_str_inv	BOBJ1	45.63	After	Right Exterior Girder	0	0.95	1	1	3.859201
HL93_str_inv	BOBJ1	50.6298	Before	Left Exterior Girder	4.9998	0.95	1	1	3.908334
HL93_str_inv	BOBJ1	50.6298	Before	Right Exterior Girder	4.9998	0.95	1	1	3.908334
HL93_str_inv	BOBJ1	50.6298	After	Left Exterior Girder	4.9998	0.95	1	1	2.895574
HL93_str_inv	BOBJ1	50.6298	After	Right Exterior Girder	4.9998	0.95	1	1	2.895574
HL93_str_inv	BOBJ1	51.4	Before	Left Exterior Girder	5.77	0.95	1	1	2.90117
HL93_str_inv	BOBJ1	51.4	Before	Interior Girder 1	5.77	0.95	1	1	3.850523
HL93_str_inv	BOBJ1	51.4	Before	Interior Girder 2	5.77	0.95	1	1	2.957988
HL93_str_inv	BOBJ1	51.4	Before	Interior Girder 3	5.77	0.95	1	1	2.500743

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Approach, Span 16-19									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
HL93_str_inv	BOBJ1	51.4	Before	Interior Girder 4	5.77	0.95	1	1	2.500743
HL93_str_inv	BOBJ1	51.4	Before	Interior Girder 5	5.77	0.95	1	1	2.957988
HL93_str_inv	BOBJ1	51.4	Before	Interior Girder 6	5.77	0.95	1	1	3.850523
HL93_str_inv	BOBJ1	51.4	Before	Right Exterior Girder	5.77	0.95	1	1	2.90117
HL93_str_inv	BOBJ1	51.4	After	Left Exterior Girder	5.77	0.95	1	1	4.26417
HL93_str_inv	BOBJ1	51.4	After	Interior Girder 1	5.77	0.95	1	1	3.943433
HL93_str_inv	BOBJ1	51.4	After	Interior Girder 2	5.77	0.95	1	1	3.639051
HL93_str_inv	BOBJ1	51.4	After	Interior Girder 3	5.77	0.95	1	1	3.244719
HL93_str_inv	BOBJ1	51.4	After	Interior Girder 4	5.77	0.95	1	1	3.244719
HL93_str_inv	BOBJ1	51.4	After	Interior Girder 5	5.77	0.95	1	1	3.639051
HL93_str_inv	BOBJ1	51.4	After	Interior Girder 6	5.77	0.95	1	1	3.943433
HL93_str_inv	BOBJ1	51.4	After	Right Exterior Girder	5.77	0.95	1	1	4.26417
HL93_str_inv	BOBJ1	57.17	Before	Left Exterior Girder	11.54	0.95	1	1	4.320855
HL93_str_inv	BOBJ1	57.17	Before	Interior Girder 1	11.54	0.95	1	1	4.013313
HL93_str_inv	BOBJ1	57.17	Before	Interior Girder 2	11.54	0.95	1	1	3.702764
HL93_str_inv	BOBJ1	57.17	Before	Interior Girder 3	11.54	0.95	1	1	3.302901
HL93_str_inv	BOBJ1	57.17	Before	Interior Girder 4	11.54	0.95	1	1	3.302901
HL93_str_inv	BOBJ1	57.17	Before	Interior Girder 5	11.54	0.95	1	1	3.702764
HL93_str_inv	BOBJ1	57.17	Before	Interior Girder 6	11.54	0.95	1	1	4.013313
HL93_str_inv	BOBJ1	57.17	Before	Right Exterior Girder	11.54	0.95	1	1	4.320855
HL93_str_inv	BOBJ1	57.17	After	Left Exterior Girder	11.54	0.95	1	1	6.196904
HL93_str_inv	BOBJ1	57.17	After	Interior Girder 1	11.54	0.95	1	1	4.105114
HL93_str_inv	BOBJ1	57.17	After	Interior Girder 2	11.54	0.95	1	1	3.917667
HL93_str_inv	BOBJ1	57.17	After	Interior Girder 3	11.54	0.95	1	1	3.52083
HL93_str_inv	BOBJ1	57.17	After	Interior Girder 4	11.54	0.95	1	1	3.52083
HL93_str_inv	BOBJ1	57.17	After	Interior Girder 5	11.54	0.95	1	1	3.917667
HL93_str_inv	BOBJ1	57.17	After	Interior Girder 6	11.54	0.95	1	1	4.105114
HL93_str_inv	BOBJ1	57.17	After	Right Exterior Girder	11.54	0.95	1	1	6.196904
HL93_str_inv	BOBJ1	63.34	Before	Left Exterior Girder	17.71	0.95	1	1	6.281082
HL93_str_inv	BOBJ1	63.34	Before	Interior Girder 1	17.71	0.95	1	1	4.181259
HL93_str_inv	BOBJ1	63.34	Before	Interior Girder 2	17.71	0.95	1	1	3.989978
HL93_str_inv	BOBJ1	63.34	Before	Interior Girder 3	17.71	0.95	1	1	3.585846
HL93_str_inv	BOBJ1	63.34	Before	Interior Girder 4	17.71	0.95	1	1	3.585846
HL93_str_inv	BOBJ1	63.34	Before	Interior Girder 5	17.71	0.95	1	1	3.989978
HL93_str_inv	BOBJ1	63.34	Before	Interior Girder 6	17.71	0.95	1	1	4.181259
HL93_str_inv	BOBJ1	63.34	Before	Right Exterior Girder	17.71	0.95	1	1	6.281082
HL93_str_inv	BOBJ1	63.34	After	Left Exterior Girder	17.71	0.95	1	1	7.24698
HL93_str_inv	BOBJ1	63.34	After	Interior Girder 1	17.71	0.95	1	1	5.44843
HL93_str_inv	BOBJ1	63.34	After	Interior Girder 2	17.71	0.95	1	1	5.107698
HL93_str_inv	BOBJ1	63.34	After	Interior Girder 3	17.71	0.95	1	1	4.870494
HL93_str_inv	BOBJ1	63.34	After	Interior Girder 4	17.71	0.95	1	1	4.870494
HL93_str_inv	BOBJ1	63.34	After	Interior Girder 5	17.71	0.95	1	1	5.107698
HL93_str_inv	BOBJ1	63.34	After	Interior Girder 6	17.71	0.95	1	1	5.44843
HL93_str_inv	BOBJ1	63.34	After	Right Exterior Girder	17.71	0.95	1	1	7.24698
HL93_str_inv	BOBJ1	69.51	Before	Left Exterior Girder	23.88	0.95	1	1	7.341515
HL93_str_inv	BOBJ1	69.51	Before	Interior Girder 1	23.88	0.95	1	1	5.54717
HL93_str_inv	BOBJ1	69.51	Before	Interior Girder 2	23.88	0.95	1	1	5.199651
HL93_str_inv	BOBJ1	69.51	Before	Interior Girder 3	23.88	0.95	1	1	4.95814
HL93_str_inv	BOBJ1	69.51	Before	Interior Girder 4	23.88	0.95	1	1	4.95814
HL93_str_inv	BOBJ1	69.51	Before	Interior Girder 5	23.88	0.95	1	1	5.199651
HL93_str_inv	BOBJ1	69.51	Before	Interior Girder 6	23.88	0.95	1	1	5.54717
HL93_str_inv	BOBJ1	69.51	Before	Right Exterior Girder	23.88	0.95	1	1	7.341515
HL93_str_inv	BOBJ1	69.51	After	Left Exterior Girder	23.88	0.95	1	1	8.722069
HL93_str_inv	BOBJ1	69.51	After	Interior Girder 1	23.88	0.95	1	1	7.509297
HL93_str_inv	BOBJ1	69.51	After	Interior Girder 2	23.88	0.95	1	1	6.891326
HL93_str_inv	BOBJ1	69.51	After	Interior Girder 3	23.88	0.95	1	1	6.759728
HL93_str_inv	BOBJ1	69.51	After	Interior Girder 4	23.88	0.95	1	1	6.759728
HL93_str_inv	BOBJ1	69.51	After	Interior Girder 5	23.88	0.95	1	1	6.891326
HL93_str_inv	BOBJ1	69.51	After	Interior Girder 6	23.88	0.95	1	1	7.509297
HL93_str_inv	BOBJ1	69.51	After	Right Exterior Girder	23.88	0.95	1	1	8.722069
HL93_str_inv	BOBJ1	75.68	Before	Left Exterior Girder	30.05	0.95	1	1	8.831578
HL93_str_inv	BOBJ1	75.68	Before	Interior Girder 1	30.05	0.95	1	1	7.642231
HL93_str_inv	BOBJ1	75.68	Before	Interior Girder 2	30.05	0.95	1	1	7.012344
HL93_str_inv	BOBJ1	75.68	Before	Interior Girder 3	30.05	0.95	1	1	6.749907
HL93_str_inv	BOBJ1	75.68	Before	Interior Girder 4	30.05	0.95	1	1	6.749907

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Approach, Span 16-19									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
HL93_str_inv	BOBJ1	75.68	Before	Interior Girder 5	30.05	0.95	1	1	7.012344
HL93_str_inv	BOBJ1	75.68	Before	Interior Girder 6	30.05	0.95	1	1	7.642231
HL93_str_inv	BOBJ1	75.68	Before	Right Exterior Girder	30.05	0.95	1	1	8.831578
HL93_str_inv	BOBJ1	75.68	After	Left Exterior Girder	30.05	0.95	1	1	14.308978
HL93_str_inv	BOBJ1	75.68	After	Interior Girder 1	30.05	0.95	1	1	7.158802
HL93_str_inv	BOBJ1	75.68	After	Interior Girder 2	30.05	0.95	1	1	6.368024
HL93_str_inv	BOBJ1	75.68	After	Interior Girder 3	30.05	0.95	1	1	5.474423
HL93_str_inv	BOBJ1	75.68	After	Interior Girder 4	30.05	0.95	1	1	5.474423
HL93_str_inv	BOBJ1	75.68	After	Interior Girder 5	30.05	0.95	1	1	6.368024
HL93_str_inv	BOBJ1	75.68	After	Interior Girder 6	30.05	0.95	1	1	7.158802
HL93_str_inv	BOBJ1	75.68	After	Right Exterior Girder	30.05	0.95	1	1	14.308978
HL93_str_inv	BOBJ1	81.8467	Before	Left Exterior Girder	36.2167	0.95	1	1	14.138537
HL93_str_inv	BOBJ1	81.8467	Before	Interior Girder 1	36.2167	0.95	1	1	7.280817
HL93_str_inv	BOBJ1	81.8467	Before	Interior Girder 2	36.2167	0.95	1	1	6.477029
HL93_str_inv	BOBJ1	81.8467	Before	Interior Girder 3	36.2167	0.95	1	1	5.568158
HL93_str_inv	BOBJ1	81.8467	Before	Interior Girder 4	36.2167	0.95	1	1	5.568158
HL93_str_inv	BOBJ1	81.8467	Before	Interior Girder 5	36.2167	0.95	1	1	6.477029
HL93_str_inv	BOBJ1	81.8467	Before	Interior Girder 6	36.2167	0.95	1	1	7.280817
HL93_str_inv	BOBJ1	81.8467	Before	Right Exterior Girder	36.2167	0.95	1	1	14.138537
HL93_str_inv	BOBJ1	81.8467	After	Left Exterior Girder	36.2167	0.95	1	1	11.016302
HL93_str_inv	BOBJ1	81.8467	After	Interior Girder 1	36.2167	0.95	1	1	7.16593
HL93_str_inv	BOBJ1	81.8467	After	Interior Girder 2	36.2167	0.95	1	1	6.654393
HL93_str_inv	BOBJ1	81.8467	After	Interior Girder 3	36.2167	0.95	1	1	6.10577
HL93_str_inv	BOBJ1	81.8467	After	Interior Girder 4	36.2167	0.95	1	1	6.10577
HL93_str_inv	BOBJ1	81.8467	After	Interior Girder 5	36.2167	0.95	1	1	6.654393
HL93_str_inv	BOBJ1	81.8467	After	Interior Girder 6	36.2167	0.95	1	1	7.16593
HL93_str_inv	BOBJ1	81.8467	After	Right Exterior Girder	36.2167	0.95	1	1	11.016302
HL93_str_inv	BOBJ1	88.0133	Before	Left Exterior Girder	42.3833	0.95	1	1	10.880259
HL93_str_inv	BOBJ1	88.0133	Before	Interior Girder 1	42.3833	0.95	1	1	7.042507
HL93_str_inv	BOBJ1	88.0133	Before	Interior Girder 2	42.3833	0.95	1	1	6.540099
HL93_str_inv	BOBJ1	88.0133	Before	Interior Girder 3	42.3833	0.95	1	1	6.000979
HL93_str_inv	BOBJ1	88.0133	Before	Interior Girder 4	42.3833	0.95	1	1	6.000979
HL93_str_inv	BOBJ1	88.0133	Before	Interior Girder 5	42.3833	0.95	1	1	6.540099
HL93_str_inv	BOBJ1	88.0133	Before	Interior Girder 6	42.3833	0.95	1	1	7.042507
HL93_str_inv	BOBJ1	88.0133	Before	Right Exterior Girder	42.3833	0.95	1	1	10.880259
HL93_str_inv	BOBJ1	88.0133	After	Left Exterior Girder	42.3833	0.95	1	1	8.861694
HL93_str_inv	BOBJ1	88.0133	After	Interior Girder 1	42.3833	0.95	1	1	5.166408
HL93_str_inv	BOBJ1	88.0133	After	Interior Girder 2	42.3833	0.95	1	1	4.869521
HL93_str_inv	BOBJ1	88.0133	After	Interior Girder 3	42.3833	0.95	1	1	4.262895
HL93_str_inv	BOBJ1	88.0133	After	Interior Girder 4	42.3833	0.95	1	1	4.262895
HL93_str_inv	BOBJ1	88.0133	After	Interior Girder 5	42.3833	0.95	1	1	4.869521
HL93_str_inv	BOBJ1	88.0133	After	Interior Girder 6	42.3833	0.95	1	1	5.166408
HL93_str_inv	BOBJ1	88.0133	After	Right Exterior Girder	42.3833	0.95	1	1	8.861694
HL93_str_inv	BOBJ1	94.18	Before	Left Exterior Girder	48.55	0.95	1	1	8.748043
HL93_str_inv	BOBJ1	94.18	Before	Interior Girder 1	48.55	0.95	1	1	5.075393
HL93_str_inv	BOBJ1	94.18	Before	Interior Girder 2	48.55	0.95	1	1	4.783834
HL93_str_inv	BOBJ1	94.18	Before	Interior Girder 3	48.55	0.95	1	1	4.187939
HL93_str_inv	BOBJ1	94.18	Before	Interior Girder 4	48.55	0.95	1	1	4.187939
HL93_str_inv	BOBJ1	94.18	Before	Interior Girder 5	48.55	0.95	1	1	4.783834
HL93_str_inv	BOBJ1	94.18	Before	Interior Girder 6	48.55	0.95	1	1	5.075393
HL93_str_inv	BOBJ1	94.18	Before	Right Exterior Girder	48.55	0.95	1	1	8.748043
HL93_str_inv	BOBJ1	94.18	After	Left Exterior Girder	48.55	0.95	1	1	5.416934
HL93_str_inv	BOBJ1	94.18	After	Interior Girder 1	48.55	0.95	1	1	5.145116
HL93_str_inv	BOBJ1	94.18	After	Interior Girder 2	48.55	0.95	1	1	4.710529
HL93_str_inv	BOBJ1	94.18	After	Interior Girder 3	48.55	0.95	1	1	4.420652
HL93_str_inv	BOBJ1	94.18	After	Interior Girder 4	48.55	0.95	1	1	4.420652
HL93_str_inv	BOBJ1	94.18	After	Interior Girder 5	48.55	0.95	1	1	4.710529
HL93_str_inv	BOBJ1	94.18	After	Interior Girder 6	48.55	0.95	1	1	5.145116
HL93_str_inv	BOBJ1	94.18	After	Right Exterior Girder	48.55	0.95	1	1	5.416934
HL93_str_inv	BOBJ1	100.3567	Before	Left Exterior Girder	54.7267	0.95	1	1	5.344748
HL93_str_inv	BOBJ1	100.3567	Before	Interior Girder 1	54.7267	0.95	1	1	5.051613
HL93_str_inv	BOBJ1	100.3567	Before	Interior Girder 2	54.7267	0.95	1	1	4.625815
HL93_str_inv	BOBJ1	100.3567	Before	Interior Girder 3	54.7267	0.95	1	1	4.340295
HL93_str_inv	BOBJ1	100.3567	Before	Interior Girder 4	54.7267	0.95	1	1	4.340295
HL93_str_inv	BOBJ1	100.3567	Before	Interior Girder 5	54.7267	0.95	1	1	4.625815

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Approach, Span 16-19									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
HL93_str_inv	BOBJ1	100.3567	Before	Interior Girder 6	54.7267	0.95	1	1	5.051613
HL93_str_inv	BOBJ1	100.3567	Before	Right Exterior Girder	54.7267	0.95	1	1	5.344748
HL93_str_inv	BOBJ1	100.3567	After	Left Exterior Girder	54.7267	0.95	1	1	4.731619
HL93_str_inv	BOBJ1	100.3567	After	Interior Girder 1	54.7267	0.95	1	1	3.919209
HL93_str_inv	BOBJ1	100.3567	After	Interior Girder 2	54.7267	0.95	1	1	3.663207
HL93_str_inv	BOBJ1	100.3567	After	Interior Girder 3	54.7267	0.95	1	1	3.307117
HL93_str_inv	BOBJ1	100.3567	After	Interior Girder 4	54.7267	0.95	1	1	3.307117
HL93_str_inv	BOBJ1	100.3567	After	Interior Girder 5	54.7267	0.95	1	1	3.663207
HL93_str_inv	BOBJ1	100.3567	After	Interior Girder 6	54.7267	0.95	1	1	3.919209
HL93_str_inv	BOBJ1	100.3567	After	Right Exterior Girder	54.7267	0.95	1	1	4.731619
HL93_str_inv	BOBJ1	106.5333	Before	Left Exterior Girder	60.9033	0.95	1	1	4.665889
HL93_str_inv	BOBJ1	106.5333	Before	Interior Girder 1	60.9033	0.95	1	1	3.846321
HL93_str_inv	BOBJ1	106.5333	Before	Interior Girder 2	60.9033	0.95	1	1	3.595699
HL93_str_inv	BOBJ1	106.5333	Before	Interior Girder 3	60.9033	0.95	1	1	3.245376
HL93_str_inv	BOBJ1	106.5333	Before	Interior Girder 4	60.9033	0.95	1	1	3.245376
HL93_str_inv	BOBJ1	106.5333	Before	Interior Girder 5	60.9033	0.95	1	1	3.595699
HL93_str_inv	BOBJ1	106.5333	Before	Interior Girder 6	60.9033	0.95	1	1	3.846321
HL93_str_inv	BOBJ1	106.5333	Before	Right Exterior Girder	60.9033	0.95	1	1	4.665889
HL93_str_inv	BOBJ1	106.5333	After	Left Exterior Girder	60.9033	0.95	1	1	3.810378
HL93_str_inv	BOBJ1	106.5333	After	Interior Girder 1	60.9033	0.95	1	1	3.283914
HL93_str_inv	BOBJ1	106.5333	After	Interior Girder 2	60.9033	0.95	1	1	2.919286
HL93_str_inv	BOBJ1	106.5333	After	Interior Girder 3	60.9033	0.95	1	1	2.468069
HL93_str_inv	BOBJ1	106.5333	After	Interior Girder 4	60.9033	0.95	1	1	2.468069
HL93_str_inv	BOBJ1	106.5333	After	Interior Girder 5	60.9033	0.95	1	1	2.919286
HL93_str_inv	BOBJ1	106.5333	After	Interior Girder 6	60.9033	0.95	1	1	3.283914
HL93_str_inv	BOBJ1	106.5333	After	Right Exterior Girder	60.9033	0.95	1	1	3.810378
HL93_str_inv	BOBJ1	108.2102	Before	Left Exterior Girder	62.5802	0.95	1	1	3.79512
HL93_str_inv	BOBJ1	108.2102	Before	Right Exterior Girder	62.5802	0.95	1	1	3.79512
HL93_str_inv	BOBJ1	108.2102	After	Left Exterior Girder	62.5802	0.95	1	1	4.176063
HL93_str_inv	BOBJ1	108.2102	After	Right Exterior Girder	62.5802	0.95	1	1	4.176063
HL93_str_inv	BOBJ1	112.71	Before	Left Exterior Girder	67.08	0.95	1	1	4.128984
HL93_str_inv	BOBJ1	112.71	Before	Interior Girder 1	67.08	0.95	1	1	3.015599
HL93_str_inv	BOBJ1	112.71	Before	Interior Girder 2	67.08	0.95	1	1	2.864204
HL93_str_inv	BOBJ1	112.71	Before	Interior Girder 3	67.08	0.95	1	1	2.420657
HL93_str_inv	BOBJ1	112.71	Before	Interior Girder 4	67.08	0.95	1	1	2.420657
HL93_str_inv	BOBJ1	112.71	Before	Interior Girder 5	67.08	0.95	1	1	2.864204
HL93_str_inv	BOBJ1	112.71	Before	Interior Girder 6	67.08	0.95	1	1	3.015599
HL93_str_inv	BOBJ1	112.71	Before	Right Exterior Girder	67.08	0.95	1	1	4.128984
HL93_str_inv	BOBJ1	112.71	After	Left Exterior Girder	0	0.95	1	1	4.737276
HL93_str_inv	BOBJ1	112.71	After	Interior Girder 1	0	0.95	1	1	3.263627
HL93_str_inv	BOBJ1	112.71	After	Interior Girder 2	0	0.95	1	1	3.085443
HL93_str_inv	BOBJ1	112.71	After	Interior Girder 3	0	0.95	1	1	2.560512
HL93_str_inv	BOBJ1	112.71	After	Interior Girder 4	0	0.95	1	1	2.560512
HL93_str_inv	BOBJ1	112.71	After	Interior Girder 5	0	0.95	1	1	3.085443
HL93_str_inv	BOBJ1	112.71	After	Interior Girder 6	0	0.95	1	1	3.263627
HL93_str_inv	BOBJ1	112.71	After	Right Exterior Girder	0	0.95	1	1	4.737276
HL93_str_inv	BOBJ1	117.21	Before	Left Exterior Girder	4.5	0.95	1	1	4.789735
HL93_str_inv	BOBJ1	117.21	Before	Right Exterior Girder	4.5	0.95	1	1	4.789735
HL93_str_inv	BOBJ1	117.21	After	Left Exterior Girder	4.5	0.95	1	1	4.683643
HL93_str_inv	BOBJ1	117.21	After	Right Exterior Girder	4.5	0.95	1	1	4.683643
HL93_str_inv	BOBJ1	119.1	Before	Left Exterior Girder	6.39	0.95	1	1	4.704079
HL93_str_inv	BOBJ1	119.1	Before	Interior Girder 1	6.39	0.95	1	1	3.46133
HL93_str_inv	BOBJ1	119.1	Before	Interior Girder 2	6.39	0.95	1	1	3.145447
HL93_str_inv	BOBJ1	119.1	Before	Interior Girder 3	6.39	0.95	1	1	2.611263
HL93_str_inv	BOBJ1	119.1	Before	Interior Girder 4	6.39	0.95	1	1	2.611263
HL93_str_inv	BOBJ1	119.1	Before	Interior Girder 5	6.39	0.95	1	1	3.145447
HL93_str_inv	BOBJ1	119.1	Before	Interior Girder 6	6.39	0.95	1	1	3.46133
HL93_str_inv	BOBJ1	119.1	Before	Right Exterior Girder	6.39	0.95	1	1	4.704079
HL93_str_inv	BOBJ1	119.1	After	Left Exterior Girder	6.39	0.95	1	1	5.696097
HL93_str_inv	BOBJ1	119.1	After	Interior Girder 1	6.39	0.95	1	1	4.316775
HL93_str_inv	BOBJ1	119.1	After	Interior Girder 2	6.39	0.95	1	1	3.993825
HL93_str_inv	BOBJ1	119.1	After	Interior Girder 3	6.39	0.95	1	1	3.591355
HL93_str_inv	BOBJ1	119.1	After	Interior Girder 4	6.39	0.95	1	1	3.591355
HL93_str_inv	BOBJ1	119.1	After	Interior Girder 5	6.39	0.95	1	1	3.993825
HL93_str_inv	BOBJ1	119.1	After	Interior Girder 6	6.39	0.95	1	1	4.316775

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Approach, Span 16-19									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
HL93_str_inv	BOBJ1	119.1	After	Right Exterior Girder	6.39	0.95	1	1	5.696097
HL93_str_inv	BOBJ1	125.49	Before	Left Exterior Girder	12.78	0.95	1	1	5.776668
HL93_str_inv	BOBJ1	125.49	Before	Interior Girder 1	12.78	0.95	1	1	4.399286
HL93_str_inv	BOBJ1	125.49	Before	Interior Girder 2	12.78	0.95	1	1	4.069628
HL93_str_inv	BOBJ1	125.49	Before	Interior Girder 3	12.78	0.95	1	1	3.660478
HL93_str_inv	BOBJ1	125.49	Before	Interior Girder 4	12.78	0.95	1	1	3.660478
HL93_str_inv	BOBJ1	125.49	Before	Interior Girder 5	12.78	0.95	1	1	4.069628
HL93_str_inv	BOBJ1	125.49	Before	Interior Girder 6	12.78	0.95	1	1	4.399286
HL93_str_inv	BOBJ1	125.49	Before	Right Exterior Girder	12.78	0.95	1	1	5.776668
HL93_str_inv	BOBJ1	125.49	After	Left Exterior Girder	12.78	0.95	1	1	6.810677
HL93_str_inv	BOBJ1	125.49	After	Interior Girder 1	12.78	0.95	1	1	5.985118
HL93_str_inv	BOBJ1	125.49	After	Interior Girder 2	12.78	0.95	1	1	5.373243
HL93_str_inv	BOBJ1	125.49	After	Interior Girder 3	12.78	0.95	1	1	5.00722
HL93_str_inv	BOBJ1	125.49	After	Interior Girder 4	12.78	0.95	1	1	5.00722
HL93_str_inv	BOBJ1	125.49	After	Interior Girder 5	12.78	0.95	1	1	5.373243
HL93_str_inv	BOBJ1	125.49	After	Interior Girder 6	12.78	0.95	1	1	5.985118
HL93_str_inv	BOBJ1	125.49	After	Right Exterior Girder	12.78	0.95	1	1	6.810677
HL93_str_inv	BOBJ1	131.88	Before	Left Exterior Girder	19.17	0.95	1	1	6.90301
HL93_str_inv	BOBJ1	131.88	Before	Interior Girder 1	19.17	0.95	1	1	6.09683
HL93_str_inv	BOBJ1	131.88	Before	Interior Girder 2	19.17	0.95	1	1	5.472701
HL93_str_inv	BOBJ1	131.88	Before	Interior Girder 3	19.17	0.95	1	1	5.100994
HL93_str_inv	BOBJ1	131.88	Before	Interior Girder 4	19.17	0.95	1	1	5.100994
HL93_str_inv	BOBJ1	131.88	Before	Interior Girder 5	19.17	0.95	1	1	5.472701
HL93_str_inv	BOBJ1	131.88	Before	Interior Girder 6	19.17	0.95	1	1	6.09683
HL93_str_inv	BOBJ1	131.88	Before	Right Exterior Girder	19.17	0.95	1	1	6.90301
HL93_str_inv	BOBJ1	131.88	After	Left Exterior Girder	19.17	0.95	1	1	12.466268
HL93_str_inv	BOBJ1	131.88	After	Interior Girder 1	19.17	0.95	1	1	6.087456
HL93_str_inv	BOBJ1	131.88	After	Interior Girder 2	19.17	0.95	1	1	5.590475
HL93_str_inv	BOBJ1	131.88	After	Interior Girder 3	19.17	0.95	1	1	4.825168
HL93_str_inv	BOBJ1	131.88	After	Interior Girder 4	19.17	0.95	1	1	4.825168
HL93_str_inv	BOBJ1	131.88	After	Interior Girder 5	19.17	0.95	1	1	5.590475
HL93_str_inv	BOBJ1	131.88	After	Interior Girder 6	19.17	0.95	1	1	6.087456
HL93_str_inv	BOBJ1	131.88	After	Right Exterior Girder	19.17	0.95	1	1	12.466268
HL93_str_inv	BOBJ1	138.27	Before	Left Exterior Girder	25.56	0.95	1	1	12.62875
HL93_str_inv	BOBJ1	138.27	Before	Interior Girder 1	25.56	0.95	1	1	6.197699
HL93_str_inv	BOBJ1	138.27	Before	Interior Girder 2	25.56	0.95	1	1	5.691911
HL93_str_inv	BOBJ1	138.27	Before	Interior Girder 3	25.56	0.95	1	1	4.912741
HL93_str_inv	BOBJ1	138.27	Before	Interior Girder 4	25.56	0.95	1	1	4.912741
HL93_str_inv	BOBJ1	138.27	Before	Interior Girder 5	25.56	0.95	1	1	5.691911
HL93_str_inv	BOBJ1	138.27	Before	Interior Girder 6	25.56	0.95	1	1	6.197699
HL93_str_inv	BOBJ1	138.27	Before	Right Exterior Girder	25.56	0.95	1	1	12.62875
HL93_str_inv	BOBJ1	138.27	After	Left Exterior Girder	25.56	0.95	1	1	15.87144
HL93_str_inv	BOBJ1	138.27	After	Interior Girder 1	25.56	0.95	1	1	9.106369
HL93_str_inv	BOBJ1	138.27	After	Interior Girder 2	25.56	0.95	1	1	8.351686
HL93_str_inv	BOBJ1	138.27	After	Interior Girder 3	25.56	0.95	1	1	7.337735
HL93_str_inv	BOBJ1	138.27	After	Interior Girder 4	25.56	0.95	1	1	7.337735
HL93_str_inv	BOBJ1	138.27	After	Interior Girder 5	25.56	0.95	1	1	8.351686
HL93_str_inv	BOBJ1	138.27	After	Interior Girder 6	25.56	0.95	1	1	9.106369
HL93_str_inv	BOBJ1	138.27	After	Right Exterior Girder	25.56	0.95	1	1	15.87144
HL93_str_inv	BOBJ1	144.66	Before	Left Exterior Girder	31.95	0.95	1	1	15.673731
HL93_str_inv	BOBJ1	144.66	Before	Interior Girder 1	31.95	0.95	1	1	8.947738
HL93_str_inv	BOBJ1	144.66	Before	Interior Girder 2	31.95	0.95	1	1	8.20625
HL93_str_inv	BOBJ1	144.66	Before	Interior Girder 3	31.95	0.95	1	1	7.209966
HL93_str_inv	BOBJ1	144.66	Before	Interior Girder 4	31.95	0.95	1	1	7.209966
HL93_str_inv	BOBJ1	144.66	Before	Interior Girder 5	31.95	0.95	1	1	8.20625
HL93_str_inv	BOBJ1	144.66	Before	Interior Girder 6	31.95	0.95	1	1	8.947738
HL93_str_inv	BOBJ1	144.66	Before	Right Exterior Girder	31.95	0.95	1	1	15.673731
HL93_str_inv	BOBJ1	144.66	After	Left Exterior Girder	31.95	0.95	1	1	11.59196
HL93_str_inv	BOBJ1	144.66	After	Interior Girder 1	31.95	0.95	1	1	6.038417
HL93_str_inv	BOBJ1	144.66	After	Interior Girder 2	31.95	0.95	1	1	5.544194
HL93_str_inv	BOBJ1	144.66	After	Interior Girder 3	31.95	0.95	1	1	4.794443
HL93_str_inv	BOBJ1	144.66	After	Interior Girder 4	31.95	0.95	1	1	4.794443
HL93_str_inv	BOBJ1	144.66	After	Interior Girder 5	31.95	0.95	1	1	5.544194
HL93_str_inv	BOBJ1	144.66	After	Interior Girder 6	31.95	0.95	1	1	6.038417
HL93_str_inv	BOBJ1	144.66	After	Right Exterior Girder	31.95	0.95	1	1	11.59196

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Approach, Span 16-19									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
HL93_str_inv	BOBJ1	151.05	Before	Left Exterior Girder	38.34	0.95	1	1	11.441919
HL93_str_inv	BOBJ1	151.05	Before	Interior Girder 1	38.34	0.95	1	1	5.930804
HL93_str_inv	BOBJ1	151.05	Before	Interior Girder 2	38.34	0.95	1	1	5.445266
HL93_str_inv	BOBJ1	151.05	Before	Interior Girder 3	38.34	0.95	1	1	4.70888
HL93_str_inv	BOBJ1	151.05	Before	Interior Girder 4	38.34	0.95	1	1	4.70888
HL93_str_inv	BOBJ1	151.05	Before	Interior Girder 5	38.34	0.95	1	1	5.445266
HL93_str_inv	BOBJ1	151.05	Before	Interior Girder 6	38.34	0.95	1	1	5.930804
HL93_str_inv	BOBJ1	151.05	Before	Right Exterior Girder	38.34	0.95	1	1	11.441919
HL93_str_inv	BOBJ1	151.05	After	Left Exterior Girder	38.34	0.95	1	1	6.53302
HL93_str_inv	BOBJ1	151.05	After	Interior Girder 1	38.34	0.95	1	1	5.881661
HL93_str_inv	BOBJ1	151.05	After	Interior Girder 2	38.34	0.95	1	1	5.277592
HL93_str_inv	BOBJ1	151.05	After	Interior Girder 3	38.34	0.95	1	1	4.893774
HL93_str_inv	BOBJ1	151.05	After	Interior Girder 4	38.34	0.95	1	1	4.893774
HL93_str_inv	BOBJ1	151.05	After	Interior Girder 5	38.34	0.95	1	1	5.277592
HL93_str_inv	BOBJ1	151.05	After	Interior Girder 6	38.34	0.95	1	1	5.881661
HL93_str_inv	BOBJ1	151.05	After	Right Exterior Girder	38.34	0.95	1	1	6.53302
HL93_str_inv	BOBJ1	157.4367	Before	Left Exterior Girder	44.7267	0.95	1	1	6.445043
HL93_str_inv	BOBJ1	157.4367	Before	Interior Girder 1	44.7267	0.95	1	1	5.77386
HL93_str_inv	BOBJ1	157.4367	Before	Interior Girder 2	44.7267	0.95	1	1	5.181677
HL93_str_inv	BOBJ1	157.4367	Before	Interior Girder 3	44.7267	0.95	1	1	4.803673
HL93_str_inv	BOBJ1	157.4367	Before	Interior Girder 4	44.7267	0.95	1	1	4.803673
HL93_str_inv	BOBJ1	157.4367	Before	Interior Girder 5	44.7267	0.95	1	1	5.181677
HL93_str_inv	BOBJ1	157.4367	Before	Interior Girder 6	44.7267	0.95	1	1	5.77386
HL93_str_inv	BOBJ1	157.4367	Before	Right Exterior Girder	44.7267	0.95	1	1	6.445043
HL93_str_inv	BOBJ1	157.4367	After	Left Exterior Girder	44.7267	0.95	1	1	5.478493
HL93_str_inv	BOBJ1	157.4367	After	Interior Girder 1	44.7267	0.95	1	1	4.39282
HL93_str_inv	BOBJ1	157.4367	After	Interior Girder 2	44.7267	0.95	1	1	3.990584
HL93_str_inv	BOBJ1	157.4367	After	Interior Girder 3	44.7267	0.95	1	1	3.458811
HL93_str_inv	BOBJ1	157.4367	After	Interior Girder 4	44.7267	0.95	1	1	3.458811
HL93_str_inv	BOBJ1	157.4367	After	Interior Girder 5	44.7267	0.95	1	1	3.990584
HL93_str_inv	BOBJ1	157.4367	After	Interior Girder 6	44.7267	0.95	1	1	4.39282
HL93_str_inv	BOBJ1	157.4367	After	Right Exterior Girder	44.7267	0.95	1	1	5.478493
HL93_str_inv	BOBJ1	158.71	Before	Left Exterior Girder	46	0.95	1	1	5.46325
HL93_str_inv	BOBJ1	158.71	Before	Interior Girder 1	46	0.95	1	1	4.376489
HL93_str_inv	BOBJ1	158.71	Before	Interior Girder 2	46	0.95	1	1	3.975828
HL93_str_inv	BOBJ1	158.71	Before	Interior Girder 3	46	0.95	1	1	3.445798
HL93_str_inv	BOBJ1	158.71	Before	Interior Girder 4	46	0.95	1	1	3.445798
HL93_str_inv	BOBJ1	158.71	Before	Interior Girder 5	46	0.95	1	1	3.975828
HL93_str_inv	BOBJ1	158.71	Before	Interior Girder 6	46	0.95	1	1	4.376489
HL93_str_inv	BOBJ1	158.71	Before	Right Exterior Girder	46	0.95	1	1	5.46325
HL93_str_inv	BOBJ1	158.71	After	Left Exterior Girder	46	0.95	1	1	6.732777
HL93_str_inv	BOBJ1	158.71	After	Interior Girder 1	46	0.95	1	1	4.749631
HL93_str_inv	BOBJ1	158.71	After	Interior Girder 2	46	0.95	1	1	4.41858
HL93_str_inv	BOBJ1	158.71	After	Interior Girder 3	46	0.95	1	1	3.890487
HL93_str_inv	BOBJ1	158.71	After	Interior Girder 4	46	0.95	1	1	3.890487
HL93_str_inv	BOBJ1	158.71	After	Interior Girder 5	46	0.95	1	1	4.41858
HL93_str_inv	BOBJ1	158.71	After	Interior Girder 6	46	0.95	1	1	4.749631
HL93_str_inv	BOBJ1	158.71	After	Right Exterior Girder	46	0.95	1	1	6.732777
HL93_str_inv	BOBJ1	163.8233	Before	Left Exterior Girder	51.1133	0.95	1	1	6.667626
HL93_str_inv	BOBJ1	163.8233	Before	Interior Girder 1	51.1133	0.95	1	1	4.686211
HL93_str_inv	BOBJ1	163.8233	Before	Interior Girder 2	51.1133	0.95	1	1	4.35993
HL93_str_inv	BOBJ1	163.8233	Before	Interior Girder 3	51.1133	0.95	1	1	3.838135
HL93_str_inv	BOBJ1	163.8233	Before	Interior Girder 4	51.1133	0.95	1	1	3.838135
HL93_str_inv	BOBJ1	163.8233	Before	Interior Girder 5	51.1133	0.95	1	1	4.35993
HL93_str_inv	BOBJ1	163.8233	Before	Interior Girder 6	51.1133	0.95	1	1	4.686211
HL93_str_inv	BOBJ1	163.8233	Before	Right Exterior Girder	51.1133	0.95	1	1	6.667626
HL93_str_inv	BOBJ1	163.8233	After	Left Exterior Girder	51.1133	0.95	1	1	5.170417
HL93_str_inv	BOBJ1	163.8233	After	Interior Girder 1	51.1133	0.95	1	1	4.142174
HL93_str_inv	BOBJ1	163.8233	After	Interior Girder 2	51.1133	0.95	1	1	3.624426
HL93_str_inv	BOBJ1	163.8233	After	Interior Girder 3	51.1133	0.95	1	1	2.998543
HL93_str_inv	BOBJ1	163.8233	After	Interior Girder 4	51.1133	0.95	1	1	2.998543
HL93_str_inv	BOBJ1	163.8233	After	Interior Girder 5	51.1133	0.95	1	1	3.624426
HL93_str_inv	BOBJ1	163.8233	After	Interior Girder 6	51.1133	0.95	1	1	4.142174
HL93_str_inv	BOBJ1	163.8233	After	Right Exterior Girder	51.1133	0.95	1	1	5.170417
HL93_str_inv	BOBJ1	164.71	Before	Left Exterior Girder	52	0.95	1	1	5.161379

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Approach, Span 16-19									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
HL93_str_inv	BOBJ1	164.71	Before	Right Exterior Girder	52	0.95	1	1	5.161379
HL93_str_inv	BOBJ1	164.71	After	Left Exterior Girder	52	0.95	1	1	5.910968
HL93_str_inv	BOBJ1	164.71	After	Right Exterior Girder	52	0.95	1	1	5.910968
HL93_str_inv	BOBJ1	170.21	Before	Left Exterior Girder	57.5	0.95	1	1	5.841762
HL93_str_inv	BOBJ1	170.21	Before	Interior Girder 1	57.5	0.95	1	1	3.775151
HL93_str_inv	BOBJ1	170.21	Before	Interior Girder 2	57.5	0.95	1	1	3.563308
HL93_str_inv	BOBJ1	170.21	Before	Interior Girder 3	57.5	0.95	1	1	2.947065
HL93_str_inv	BOBJ1	170.21	Before	Interior Girder 4	57.5	0.95	1	1	2.947065
HL93_str_inv	BOBJ1	170.21	Before	Interior Girder 5	57.5	0.95	1	1	3.563308
HL93_str_inv	BOBJ1	170.21	Before	Interior Girder 6	57.5	0.95	1	1	3.775151
HL93_str_inv	BOBJ1	170.21	Before	Right Exterior Girder	57.5	0.95	1	1	5.841762
HL93_str_inv	BOBJ1	170.21	After	Left Exterior Girder	0	0.95	1	1	5.275455
HL93_str_inv	BOBJ1	170.21	After	Interior Girder 1	0	0.95	1	1	3.507633
HL93_str_inv	BOBJ1	170.21	After	Interior Girder 2	0	0.95	1	1	3.312141
HL93_str_inv	BOBJ1	170.21	After	Interior Girder 3	0	0.95	1	1	2.78156
HL93_str_inv	BOBJ1	170.21	After	Interior Girder 4	0	0.95	1	1	2.78156
HL93_str_inv	BOBJ1	170.21	After	Interior Girder 5	0	0.95	1	1	3.312141
HL93_str_inv	BOBJ1	170.21	After	Interior Girder 6	0	0.95	1	1	3.507633
HL93_str_inv	BOBJ1	170.21	After	Right Exterior Girder	0	0.95	1	1	5.275455
HL93_str_inv	BOBJ1	176.21	Before	Left Exterior Girder	6	0.95	1	1	5.345728
HL93_str_inv	BOBJ1	176.21	Before	Right Exterior Girder	6	0.95	1	1	5.345728
HL93_str_inv	BOBJ1	176.21	After	Left Exterior Girder	6	0.95	1	1	3.596048
HL93_str_inv	BOBJ1	176.21	After	Right Exterior Girder	6	0.95	1	1	3.596048
HL93_str_inv	BOBJ1	176.6	Before	Left Exterior Girder	6.39	0.95	1	1	3.599038
HL93_str_inv	BOBJ1	176.6	Before	Interior Girder 1	6.39	0.95	1	1	4.584131
HL93_str_inv	BOBJ1	176.6	Before	Interior Girder 2	6.39	0.95	1	1	3.370395
HL93_str_inv	BOBJ1	176.6	Before	Interior Girder 3	6.39	0.95	1	1	2.831354
HL93_str_inv	BOBJ1	176.6	Before	Interior Girder 4	6.39	0.95	1	1	2.831354
HL93_str_inv	BOBJ1	176.6	Before	Interior Girder 5	6.39	0.95	1	1	3.370395
HL93_str_inv	BOBJ1	176.6	Before	Interior Girder 6	6.39	0.95	1	1	4.584131
HL93_str_inv	BOBJ1	176.6	Before	Right Exterior Girder	6.39	0.95	1	1	3.599038
HL93_str_inv	BOBJ1	176.6	After	Left Exterior Girder	6.39	0.95	1	1	5.859098
HL93_str_inv	BOBJ1	176.6	After	Interior Girder 1	6.39	0.95	1	1	4.491001
HL93_str_inv	BOBJ1	176.6	After	Interior Girder 2	6.39	0.95	1	1	4.143026
HL93_str_inv	BOBJ1	176.6	After	Interior Girder 3	6.39	0.95	1	1	3.720427
HL93_str_inv	BOBJ1	176.6	After	Interior Girder 4	6.39	0.95	1	1	3.720427
HL93_str_inv	BOBJ1	176.6	After	Interior Girder 5	6.39	0.95	1	1	4.143026
HL93_str_inv	BOBJ1	176.6	After	Interior Girder 6	6.39	0.95	1	1	4.491001
HL93_str_inv	BOBJ1	176.6	After	Right Exterior Girder	6.39	0.95	1	1	5.859098
HL93_str_inv	BOBJ1	182.99	Before	Left Exterior Girder	12.78	0.95	1	1	5.932622
HL93_str_inv	BOBJ1	182.99	Before	Interior Girder 1	12.78	0.95	1	1	4.56891
HL93_str_inv	BOBJ1	182.99	Before	Interior Girder 2	12.78	0.95	1	1	4.214334
HL93_str_inv	BOBJ1	182.99	Before	Interior Girder 3	12.78	0.95	1	1	3.785292
HL93_str_inv	BOBJ1	182.99	Before	Interior Girder 4	12.78	0.95	1	1	3.785292
HL93_str_inv	BOBJ1	182.99	Before	Interior Girder 5	12.78	0.95	1	1	4.214334
HL93_str_inv	BOBJ1	182.99	Before	Interior Girder 6	12.78	0.95	1	1	4.56891
HL93_str_inv	BOBJ1	182.99	Before	Right Exterior Girder	12.78	0.95	1	1	5.932622
HL93_str_inv	BOBJ1	182.99	After	Left Exterior Girder	12.78	0.95	1	1	6.714769
HL93_str_inv	BOBJ1	182.99	After	Interior Girder 1	12.78	0.95	1	1	5.925937
HL93_str_inv	BOBJ1	182.99	After	Interior Girder 2	12.78	0.95	1	1	5.325996
HL93_str_inv	BOBJ1	182.99	After	Interior Girder 3	12.78	0.95	1	1	4.960978
HL93_str_inv	BOBJ1	182.99	After	Interior Girder 4	12.78	0.95	1	1	4.960978
HL93_str_inv	BOBJ1	182.99	After	Interior Girder 5	12.78	0.95	1	1	5.325996
HL93_str_inv	BOBJ1	182.99	After	Interior Girder 6	12.78	0.95	1	1	5.925937
HL93_str_inv	BOBJ1	182.99	After	Right Exterior Girder	12.78	0.95	1	1	6.714769
HL93_str_inv	BOBJ1	189.38	Before	Left Exterior Girder	19.17	0.95	1	1	6.796037
HL93_str_inv	BOBJ1	189.38	Before	Interior Girder 1	19.17	0.95	1	1	6.026578
HL93_str_inv	BOBJ1	189.38	Before	Interior Girder 2	19.17	0.95	1	1	5.415627
HL93_str_inv	BOBJ1	189.38	Before	Interior Girder 3	19.17	0.95	1	1	5.045358
HL93_str_inv	BOBJ1	189.38	Before	Interior Girder 4	19.17	0.95	1	1	5.045358
HL93_str_inv	BOBJ1	189.38	Before	Interior Girder 5	19.17	0.95	1	1	5.415627
HL93_str_inv	BOBJ1	189.38	Before	Interior Girder 6	19.17	0.95	1	1	6.026578
HL93_str_inv	BOBJ1	189.38	Before	Right Exterior Girder	19.17	0.95	1	1	6.796037
HL93_str_inv	BOBJ1	189.38	After	Left Exterior Girder	19.17	0.95	1	1	11.149175
HL93_str_inv	BOBJ1	189.38	After	Interior Girder 1	19.17	0.95	1	1	5.973401

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Approach, Span 16-19									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
HL93_str_inv	BOBJ1	189.38	After	Interior Girder 2	19.17	0.95	1	1	5.533659
HL93_str_inv	BOBJ1	189.38	After	Interior Girder 3	19.17	0.95	1	1	4.809654
HL93_str_inv	BOBJ1	189.38	After	Interior Girder 4	19.17	0.95	1	1	4.809654
HL93_str_inv	BOBJ1	189.38	After	Interior Girder 5	19.17	0.95	1	1	5.533659
HL93_str_inv	BOBJ1	189.38	After	Interior Girder 6	19.17	0.95	1	1	5.973401
HL93_str_inv	BOBJ1	189.38	After	Right Exterior Girder	19.17	0.95	1	1	11.149175
HL93_str_inv	BOBJ1	195.77	Before	Left Exterior Girder	25.56	0.95	1	1	11.279763
HL93_str_inv	BOBJ1	195.77	Before	Interior Girder 1	25.56	0.95	1	1	6.072213
HL93_str_inv	BOBJ1	195.77	Before	Interior Girder 2	25.56	0.95	1	1	5.625085
HL93_str_inv	BOBJ1	195.77	Before	Interior Girder 3	25.56	0.95	1	1	4.889079
HL93_str_inv	BOBJ1	195.77	Before	Interior Girder 4	25.56	0.95	1	1	4.889079
HL93_str_inv	BOBJ1	195.77	Before	Interior Girder 5	25.56	0.95	1	1	5.625085
HL93_str_inv	BOBJ1	195.77	Before	Interior Girder 6	25.56	0.95	1	1	6.072213
HL93_str_inv	BOBJ1	195.77	Before	Right Exterior Girder	25.56	0.95	1	1	11.279763
HL93_str_inv	BOBJ1	195.77	After	Left Exterior Girder	25.56	0.95	1	1	14.624693
HL93_str_inv	BOBJ1	195.77	After	Interior Girder 1	25.56	0.95	1	1	8.515538
HL93_str_inv	BOBJ1	195.77	After	Interior Girder 2	25.56	0.95	1	1	7.875324
HL93_str_inv	BOBJ1	195.77	After	Interior Girder 3	25.56	0.95	1	1	6.98918
HL93_str_inv	BOBJ1	195.77	After	Interior Girder 4	25.56	0.95	1	1	6.98918
HL93_str_inv	BOBJ1	195.77	After	Interior Girder 5	25.56	0.95	1	1	7.875324
HL93_str_inv	BOBJ1	195.77	After	Interior Girder 6	25.56	0.95	1	1	8.515538
HL93_str_inv	BOBJ1	195.77	After	Right Exterior Girder	25.56	0.95	1	1	14.624693
HL93_str_inv	BOBJ1	202.16	Before	Left Exterior Girder	31.95	0.95	1	1	14.7904
HL93_str_inv	BOBJ1	202.16	Before	Interior Girder 1	31.95	0.95	1	1	8.653494
HL93_str_inv	BOBJ1	202.16	Before	Interior Girder 2	31.95	0.95	1	1	8.002542
HL93_str_inv	BOBJ1	202.16	Before	Interior Girder 3	31.95	0.95	1	1	7.102021
HL93_str_inv	BOBJ1	202.16	Before	Interior Girder 4	31.95	0.95	1	1	7.102021
HL93_str_inv	BOBJ1	202.16	Before	Interior Girder 5	31.95	0.95	1	1	8.002542
HL93_str_inv	BOBJ1	202.16	Before	Interior Girder 6	31.95	0.95	1	1	8.653494
HL93_str_inv	BOBJ1	202.16	Before	Right Exterior Girder	31.95	0.95	1	1	14.7904
HL93_str_inv	BOBJ1	202.16	After	Left Exterior Girder	31.95	0.95	1	1	20.830128
HL93_str_inv	BOBJ1	202.16	After	Interior Girder 1	31.95	0.95	1	1	8.623558
HL93_str_inv	BOBJ1	202.16	After	Interior Girder 2	31.95	0.95	1	1	7.699387
HL93_str_inv	BOBJ1	202.16	After	Interior Girder 3	31.95	0.95	1	1	6.608281
HL93_str_inv	BOBJ1	202.16	After	Interior Girder 4	31.95	0.95	1	1	6.608281
HL93_str_inv	BOBJ1	202.16	After	Interior Girder 5	31.95	0.95	1	1	7.699387
HL93_str_inv	BOBJ1	202.16	After	Interior Girder 6	31.95	0.95	1	1	8.623558
HL93_str_inv	BOBJ1	202.16	After	Right Exterior Girder	31.95	0.95	1	1	20.830128
HL93_str_inv	BOBJ1	208.55	Before	Left Exterior Girder	38.34	0.95	1	1	20.928485
HL93_str_inv	BOBJ1	208.55	Before	Interior Girder 1	38.34	0.95	1	1	8.489523
HL93_str_inv	BOBJ1	208.55	Before	Interior Girder 2	38.34	0.95	1	1	7.579206
HL93_str_inv	BOBJ1	208.55	Before	Interior Girder 3	38.34	0.95	1	1	6.505112
HL93_str_inv	BOBJ1	208.55	Before	Interior Girder 4	38.34	0.95	1	1	6.505112
HL93_str_inv	BOBJ1	208.55	Before	Interior Girder 5	38.34	0.95	1	1	7.579206
HL93_str_inv	BOBJ1	208.55	Before	Interior Girder 6	38.34	0.95	1	1	8.489523
HL93_str_inv	BOBJ1	208.55	Before	Right Exterior Girder	38.34	0.95	1	1	20.928485
HL93_str_inv	BOBJ1	208.55	After	Left Exterior Girder	38.34	0.95	1	1	10.477001
HL93_str_inv	BOBJ1	208.55	After	Interior Girder 1	38.34	0.95	1	1	9.197424
HL93_str_inv	BOBJ1	208.55	After	Interior Girder 2	38.34	0.95	1	1	8.234801
HL93_str_inv	BOBJ1	208.55	After	Interior Girder 3	38.34	0.95	1	1	8.024345
HL93_str_inv	BOBJ1	208.55	After	Interior Girder 4	38.34	0.95	1	1	8.024345
HL93_str_inv	BOBJ1	208.55	After	Interior Girder 5	38.34	0.95	1	1	8.234801
HL93_str_inv	BOBJ1	208.55	After	Interior Girder 6	38.34	0.95	1	1	9.197424
HL93_str_inv	BOBJ1	208.55	After	Right Exterior Girder	38.34	0.95	1	1	10.477001
HL93_str_inv	BOBJ1	215.1233	Before	Left Exterior Girder	44.9133	0.95	1	1	10.356411
HL93_str_inv	BOBJ1	215.1233	Before	Interior Girder 1	44.9133	0.95	1	1	9.045561
HL93_str_inv	BOBJ1	215.1233	Before	Interior Girder 2	44.9133	0.95	1	1	8.099699
HL93_str_inv	BOBJ1	215.1233	Before	Interior Girder 3	44.9133	0.95	1	1	7.892483
HL93_str_inv	BOBJ1	215.1233	Before	Interior Girder 4	44.9133	0.95	1	1	7.892483
HL93_str_inv	BOBJ1	215.1233	Before	Interior Girder 5	44.9133	0.95	1	1	8.099699
HL93_str_inv	BOBJ1	215.1233	Before	Interior Girder 6	44.9133	0.95	1	1	9.045561
HL93_str_inv	BOBJ1	215.1233	Before	Right Exterior Girder	44.9133	0.95	1	1	10.356411
HL93_str_inv	BOBJ1	215.1233	After	Left Exterior Girder	44.9133	0.95	1	1	8.54302
HL93_str_inv	BOBJ1	215.1233	After	Interior Girder 1	44.9133	0.95	1	1	6.422969
HL93_str_inv	BOBJ1	215.1233	After	Interior Girder 2	44.9133	0.95	1	1	5.864368

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Approach, Span 16-19									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
HL93_str_inv	BOBJ1	215.1233	After	Interior Girder 3	44.9133	0.95	1	1	5.603845
HL93_str_inv	BOBJ1	215.1233	After	Interior Girder 4	44.9133	0.95	1	1	5.603845
HL93_str_inv	BOBJ1	215.1233	After	Interior Girder 5	44.9133	0.95	1	1	5.864368
HL93_str_inv	BOBJ1	215.1233	After	Interior Girder 6	44.9133	0.95	1	1	6.422969
HL93_str_inv	BOBJ1	215.1233	After	Right Exterior Girder	44.9133	0.95	1	1	8.54302
HL93_str_inv	BOBJ1	221.6967	Before	Left Exterior Girder	51.4867	0.95	1	1	8.441352
HL93_str_inv	BOBJ1	221.6967	Before	Interior Girder 1	51.4867	0.95	1	1	6.31459
HL93_str_inv	BOBJ1	221.6967	Before	Interior Girder 2	51.4867	0.95	1	1	5.765942
HL93_str_inv	BOBJ1	221.6967	Before	Interior Girder 3	51.4867	0.95	1	1	5.509616
HL93_str_inv	BOBJ1	221.6967	Before	Interior Girder 4	51.4867	0.95	1	1	5.509616
HL93_str_inv	BOBJ1	221.6967	Before	Interior Girder 5	51.4867	0.95	1	1	5.765942
HL93_str_inv	BOBJ1	221.6967	Before	Interior Girder 6	51.4867	0.95	1	1	6.31459
HL93_str_inv	BOBJ1	221.6967	Before	Right Exterior Girder	51.4867	0.95	1	1	8.441352
HL93_str_inv	BOBJ1	221.6967	After	Left Exterior Girder	51.4867	0.95	1	1	7.231058
HL93_str_inv	BOBJ1	221.6967	After	Interior Girder 1	51.4867	0.95	1	1	4.585885
HL93_str_inv	BOBJ1	221.6967	After	Interior Girder 2	51.4867	0.95	1	1	4.311099
HL93_str_inv	BOBJ1	221.6967	After	Interior Girder 3	51.4867	0.95	1	1	3.848081
HL93_str_inv	BOBJ1	221.6967	After	Interior Girder 4	51.4867	0.95	1	1	3.848081
HL93_str_inv	BOBJ1	221.6967	After	Interior Girder 5	51.4867	0.95	1	1	4.311099
HL93_str_inv	BOBJ1	221.6967	After	Interior Girder 6	51.4867	0.95	1	1	4.585885
HL93_str_inv	BOBJ1	221.6967	After	Right Exterior Girder	51.4867	0.95	1	1	7.231058
HL93_str_inv	BOBJ1	228.27	Before	Left Exterior Girder	58.06	0.95	1	1	7.141876
HL93_str_inv	BOBJ1	228.27	Before	Interior Girder 1	58.06	0.95	1	1	4.506861
HL93_str_inv	BOBJ1	228.27	Before	Interior Girder 2	58.06	0.95	1	1	4.237086
HL93_str_inv	BOBJ1	228.27	Before	Interior Girder 3	58.06	0.95	1	1	3.781792
HL93_str_inv	BOBJ1	228.27	Before	Interior Girder 4	58.06	0.95	1	1	3.781792
HL93_str_inv	BOBJ1	228.27	Before	Interior Girder 5	58.06	0.95	1	1	4.237086
HL93_str_inv	BOBJ1	228.27	Before	Interior Girder 6	58.06	0.95	1	1	4.506861
HL93_str_inv	BOBJ1	228.27	Before	Right Exterior Girder	58.06	0.95	1	1	7.141876
HS20_str_opr	BOBJ1	0	After	Left Exterior Girder	0	0.95	1	1	10.156389
HS20_str_opr	BOBJ1	0	After	Interior Girder 1	0	0.95	1	1	6.348074
HS20_str_opr	BOBJ1	0	After	Interior Girder 2	0	0.95	1	1	5.926973
HS20_str_opr	BOBJ1	0	After	Interior Girder 3	0	0.95	1	1	5.104276
HS20_str_opr	BOBJ1	0	After	Interior Girder 4	0	0.95	1	1	5.104276
HS20_str_opr	BOBJ1	0	After	Interior Girder 5	0	0.95	1	1	5.926973
HS20_str_opr	BOBJ1	0	After	Interior Girder 6	0	0.95	1	1	6.348074
HS20_str_opr	BOBJ1	0	After	Right Exterior Girder	0	0.95	1	1	10.156389
HS20_str_opr	BOBJ1	5.3833	Before	Left Exterior Girder	5.3833	0.95	1	1	10.272469
HS20_str_opr	BOBJ1	5.3833	Before	Interior Girder 1	5.3833	0.95	1	1	6.447657
HS20_str_opr	BOBJ1	5.3833	Before	Interior Girder 2	5.3833	0.95	1	1	6.019646
HS20_str_opr	BOBJ1	5.3833	Before	Interior Girder 3	5.3833	0.95	1	1	5.184473
HS20_str_opr	BOBJ1	5.3833	Before	Interior Girder 4	5.3833	0.95	1	1	5.184473
HS20_str_opr	BOBJ1	5.3833	Before	Interior Girder 5	5.3833	0.95	1	1	6.019646
HS20_str_opr	BOBJ1	5.3833	Before	Interior Girder 6	5.3833	0.95	1	1	6.447657
HS20_str_opr	BOBJ1	5.3833	Before	Right Exterior Girder	5.3833	0.95	1	1	10.272469
HS20_str_opr	BOBJ1	5.3833	After	Left Exterior Girder	5.3833	0.95	1	1	12.383321
HS20_str_opr	BOBJ1	5.3833	After	Interior Girder 1	5.3833	0.95	1	1	8.906828
HS20_str_opr	BOBJ1	5.3833	After	Interior Girder 2	5.3833	0.95	1	1	8.065303
HS20_str_opr	BOBJ1	5.3833	After	Interior Girder 3	5.3833	0.95	1	1	7.520739
HS20_str_opr	BOBJ1	5.3833	After	Interior Girder 4	5.3833	0.95	1	1	7.520739
HS20_str_opr	BOBJ1	5.3833	After	Interior Girder 5	5.3833	0.95	1	1	8.065303
HS20_str_opr	BOBJ1	5.3833	After	Interior Girder 6	5.3833	0.95	1	1	8.906828
HS20_str_opr	BOBJ1	5.3833	After	Right Exterior Girder	5.3833	0.95	1	1	12.383321
HS20_str_opr	BOBJ1	10.7667	Before	Left Exterior Girder	10.7667	0.95	1	1	12.520042
HS20_str_opr	BOBJ1	10.7667	Before	Interior Girder 1	10.7667	0.95	1	1	9.043887
HS20_str_opr	BOBJ1	10.7667	Before	Interior Girder 2	10.7667	0.95	1	1	8.188757
HS20_str_opr	BOBJ1	10.7667	Before	Interior Girder 3	10.7667	0.95	1	1	7.636333
HS20_str_opr	BOBJ1	10.7667	Before	Interior Girder 4	10.7667	0.95	1	1	7.636333
HS20_str_opr	BOBJ1	10.7667	Before	Interior Girder 5	10.7667	0.95	1	1	8.188757
HS20_str_opr	BOBJ1	10.7667	Before	Interior Girder 6	10.7667	0.95	1	1	9.043887
HS20_str_opr	BOBJ1	10.7667	Before	Right Exterior Girder	10.7667	0.95	1	1	12.520042
HS20_str_opr	BOBJ1	10.7667	After	Left Exterior Girder	10.7667	0.95	1	1	15.689531
HS20_str_opr	BOBJ1	10.7667	After	Interior Girder 1	10.7667	0.95	1	1	12.818442
HS20_str_opr	BOBJ1	10.7667	After	Interior Girder 2	10.7667	0.95	1	1	11.380541
HS20_str_opr	BOBJ1	10.7667	After	Interior Girder 3	10.7667	0.95	1	1	10.873673

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Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
HS20_str_opr	BOBJ1	10.7667	After	Interior Girder 4	10.7667	0.95	1	1	10.873673
HS20_str_opr	BOBJ1	10.7667	After	Interior Girder 5	10.7667	0.95	1	1	11.380541
HS20_str_opr	BOBJ1	10.7667	After	Interior Girder 6	10.7667	0.95	1	1	12.818442
HS20_str_opr	BOBJ1	10.7667	After	Right Exterior Girder	10.7667	0.95	1	1	15.689531
HS20_str_opr	BOBJ1	16.15	Before	Left Exterior Girder	16.15	0.95	1	1	15.857183
HS20_str_opr	BOBJ1	16.15	Before	Interior Girder 1	16.15	0.95	1	1	13.011826
HS20_str_opr	BOBJ1	16.15	Before	Interior Girder 2	16.15	0.95	1	1	11.551139
HS20_str_opr	BOBJ1	16.15	Before	Interior Girder 3	16.15	0.95	1	1	11.037286
HS20_str_opr	BOBJ1	16.15	Before	Interior Girder 4	16.15	0.95	1	1	11.037286
HS20_str_opr	BOBJ1	16.15	Before	Interior Girder 5	16.15	0.95	1	1	11.551139
HS20_str_opr	BOBJ1	16.15	Before	Interior Girder 6	16.15	0.95	1	1	13.011826
HS20_str_opr	BOBJ1	16.15	Before	Right Exterior Girder	16.15	0.95	1	1	15.857183
HS20_str_opr	BOBJ1	16.15	After	Left Exterior Girder	16.15	0.95	1	1	29.231831
HS20_str_opr	BOBJ1	16.15	After	Interior Girder 1	16.15	0.95	1	1	12.688614
HS20_str_opr	BOBJ1	16.15	After	Interior Girder 2	16.15	0.95	1	1	11.024113
HS20_str_opr	BOBJ1	16.15	After	Interior Girder 3	16.15	0.95	1	1	9.343471
HS20_str_opr	BOBJ1	16.15	After	Interior Girder 4	16.15	0.95	1	1	9.343471
HS20_str_opr	BOBJ1	16.15	After	Interior Girder 5	16.15	0.95	1	1	11.024113
HS20_str_opr	BOBJ1	16.15	After	Interior Girder 6	16.15	0.95	1	1	12.688614
HS20_str_opr	BOBJ1	16.15	After	Right Exterior Girder	16.15	0.95	1	1	29.231831
HS20_str_opr	BOBJ1	22.1267	Before	Left Exterior Girder	22.1267	0.95	1	1	28.88566
HS20_str_opr	BOBJ1	22.1267	Before	Interior Girder 1	22.1267	0.95	1	1	12.894708
HS20_str_opr	BOBJ1	22.1267	Before	Interior Girder 2	22.1267	0.95	1	1	11.204162
HS20_str_opr	BOBJ1	22.1267	Before	Interior Girder 3	22.1267	0.95	1	1	9.495996
HS20_str_opr	BOBJ1	22.1267	Before	Interior Girder 4	22.1267	0.95	1	1	9.495996
HS20_str_opr	BOBJ1	22.1267	Before	Interior Girder 5	22.1267	0.95	1	1	11.204162
HS20_str_opr	BOBJ1	22.1267	Before	Interior Girder 6	22.1267	0.95	1	1	12.894708
HS20_str_opr	BOBJ1	22.1267	Before	Right Exterior Girder	22.1267	0.95	1	1	28.88566
HS20_str_opr	BOBJ1	22.1267	After	Left Exterior Girder	22.1267	0.95	1	1	18.540134
HS20_str_opr	BOBJ1	22.1267	After	Interior Girder 1	22.1267	0.95	1	1	11.44578
HS20_str_opr	BOBJ1	22.1267	After	Interior Girder 2	22.1267	0.95	1	1	10.485523
HS20_str_opr	BOBJ1	22.1267	After	Interior Girder 3	22.1267	0.95	1	1	9.019193
HS20_str_opr	BOBJ1	22.1267	After	Interior Girder 4	22.1267	0.95	1	1	9.019193
HS20_str_opr	BOBJ1	22.1267	After	Interior Girder 5	22.1267	0.95	1	1	10.485523
HS20_str_opr	BOBJ1	22.1267	After	Interior Girder 6	22.1267	0.95	1	1	11.44578
HS20_str_opr	BOBJ1	22.1267	After	Right Exterior Girder	22.1267	0.95	1	1	18.540134
HS20_str_opr	BOBJ1	28.1033	Before	Left Exterior Girder	28.1033	0.95	1	1	18.312482
HS20_str_opr	BOBJ1	28.1033	Before	Interior Girder 1	28.1033	0.95	1	1	11.251553
HS20_str_opr	BOBJ1	28.1033	Before	Interior Girder 2	28.1033	0.95	1	1	10.308356
HS20_str_opr	BOBJ1	28.1033	Before	Interior Girder 3	28.1033	0.95	1	1	8.866715
HS20_str_opr	BOBJ1	28.1033	Before	Interior Girder 4	28.1033	0.95	1	1	8.866715
HS20_str_opr	BOBJ1	28.1033	Before	Interior Girder 5	28.1033	0.95	1	1	10.308356
HS20_str_opr	BOBJ1	28.1033	Before	Interior Girder 6	28.1033	0.95	1	1	11.251553
HS20_str_opr	BOBJ1	28.1033	Before	Right Exterior Girder	28.1033	0.95	1	1	18.312482
HS20_str_opr	BOBJ1	28.1033	After	Left Exterior Girder	28.1033	0.95	1	1	13.646312
HS20_str_opr	BOBJ1	28.1033	After	Interior Girder 1	28.1033	0.95	1	1	7.877558
HS20_str_opr	BOBJ1	28.1033	After	Interior Girder 2	28.1033	0.95	1	1	7.160165
HS20_str_opr	BOBJ1	28.1033	After	Interior Girder 3	28.1033	0.95	1	1	6.098983
HS20_str_opr	BOBJ1	28.1033	After	Interior Girder 4	28.1033	0.95	1	1	6.098983
HS20_str_opr	BOBJ1	28.1033	After	Interior Girder 5	28.1033	0.95	1	1	7.160165
HS20_str_opr	BOBJ1	28.1033	After	Interior Girder 6	28.1033	0.95	1	1	7.877558
HS20_str_opr	BOBJ1	28.1033	After	Right Exterior Girder	28.1033	0.95	1	1	13.646312
HS20_str_opr	BOBJ1	34.08	Before	Left Exterior Girder	34.08	0.95	1	1	13.472239
HS20_str_opr	BOBJ1	34.08	Before	Interior Girder 1	34.08	0.95	1	1	7.740933
HS20_str_opr	BOBJ1	34.08	Before	Interior Girder 2	34.08	0.95	1	1	7.036328
HS20_str_opr	BOBJ1	34.08	Before	Interior Girder 3	34.08	0.95	1	1	5.993346
HS20_str_opr	BOBJ1	34.08	Before	Interior Girder 4	34.08	0.95	1	1	5.993346
HS20_str_opr	BOBJ1	34.08	Before	Interior Girder 5	34.08	0.95	1	1	7.036328
HS20_str_opr	BOBJ1	34.08	Before	Interior Girder 6	34.08	0.95	1	1	7.740933
HS20_str_opr	BOBJ1	34.08	Before	Right Exterior Girder	34.08	0.95	1	1	13.472239
HS20_str_opr	BOBJ1	34.08	After	Left Exterior Girder	34.08	0.95	1	1	8.750489
HS20_str_opr	BOBJ1	34.08	After	Interior Girder 1	34.08	0.95	1	1	7.199121
HS20_str_opr	BOBJ1	34.08	After	Interior Girder 2	34.08	0.95	1	1	6.53784
HS20_str_opr	BOBJ1	34.08	After	Interior Girder 3	34.08	0.95	1	1	5.832211
HS20_str_opr	BOBJ1	34.08	After	Interior Girder 4	34.08	0.95	1	1	5.832211

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Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
HS20_str_opr	BOBJ1	34.08	After	Interior Girder 5	34.08	0.95	1	1	6.53784
HS20_str_opr	BOBJ1	34.08	After	Interior Girder 6	34.08	0.95	1	1	7.199121
HS20_str_opr	BOBJ1	34.08	After	Right Exterior Girder	34.08	0.95	1	1	8.750489
HS20_str_opr	BOBJ1	39.855	Before	Left Exterior Girder	39.855	0.95	1	1	8.637808
HS20_str_opr	BOBJ1	39.855	Before	Interior Girder 1	39.855	0.95	1	1	7.075703
HS20_str_opr	BOBJ1	39.855	Before	Interior Girder 2	39.855	0.95	1	1	6.427059
HS20_str_opr	BOBJ1	39.855	Before	Interior Girder 3	39.855	0.95	1	1	5.731027
HS20_str_opr	BOBJ1	39.855	Before	Interior Girder 4	39.855	0.95	1	1	5.731027
HS20_str_opr	BOBJ1	39.855	Before	Interior Girder 5	39.855	0.95	1	1	6.427059
HS20_str_opr	BOBJ1	39.855	Before	Interior Girder 6	39.855	0.95	1	1	7.075703
HS20_str_opr	BOBJ1	39.855	Before	Right Exterior Girder	39.855	0.95	1	1	8.637808
HS20_str_opr	BOBJ1	39.855	After	Left Exterior Girder	39.855	0.95	1	1	5.167391
HS20_str_opr	BOBJ1	39.855	After	Interior Girder 1	39.855	0.95	1	1	6.763202
HS20_str_opr	BOBJ1	39.855	After	Interior Girder 2	39.855	0.95	1	1	4.992822
HS20_str_opr	BOBJ1	39.855	After	Interior Girder 3	39.855	0.95	1	1	4.097116
HS20_str_opr	BOBJ1	39.855	After	Interior Girder 4	39.855	0.95	1	1	4.097116
HS20_str_opr	BOBJ1	39.855	After	Interior Girder 5	39.855	0.95	1	1	4.992822
HS20_str_opr	BOBJ1	39.855	After	Interior Girder 6	39.855	0.95	1	1	6.763202
HS20_str_opr	BOBJ1	39.855	After	Right Exterior Girder	39.855	0.95	1	1	5.167391
HS20_str_opr	BOBJ1	40.0288	Before	Left Exterior Girder	40.0288	0.95	1	1	5.165171
HS20_str_opr	BOBJ1	40.0288	Before	Right Exterior Girder	40.0288	0.95	1	1	5.165171
HS20_str_opr	BOBJ1	40.0288	After	Left Exterior Girder	40.0288	0.95	1	1	7.499811
HS20_str_opr	BOBJ1	40.0288	After	Right Exterior Girder	40.0288	0.95	1	1	7.499811
HS20_str_opr	BOBJ1	45.63	Before	Left Exterior Girder	45.63	0.95	1	1	7.396532
HS20_str_opr	BOBJ1	45.63	Before	Interior Girder 1	45.63	0.95	1	1	5.278202
HS20_str_opr	BOBJ1	45.63	Before	Interior Girder 2	45.63	0.95	1	1	4.906399
HS20_str_opr	BOBJ1	45.63	Before	Interior Girder 3	45.63	0.95	1	1	4.024115
HS20_str_opr	BOBJ1	45.63	Before	Interior Girder 4	45.63	0.95	1	1	4.024115
HS20_str_opr	BOBJ1	45.63	Before	Interior Girder 5	45.63	0.95	1	1	4.906399
HS20_str_opr	BOBJ1	45.63	Before	Interior Girder 6	45.63	0.95	1	1	5.278202
HS20_str_opr	BOBJ1	45.63	Before	Right Exterior Girder	45.63	0.95	1	1	7.396532
HS20_str_opr	BOBJ1	45.63	After	Left Exterior Girder	0	0.95	1	1	6.222204
HS20_str_opr	BOBJ1	45.63	After	Interior Girder 1	0	0.95	1	1	4.945827
HS20_str_opr	BOBJ1	45.63	After	Interior Girder 2	0	0.95	1	1	4.557651
HS20_str_opr	BOBJ1	45.63	After	Interior Girder 3	0	0.95	1	1	3.823753
HS20_str_opr	BOBJ1	45.63	After	Interior Girder 4	0	0.95	1	1	3.823753
HS20_str_opr	BOBJ1	45.63	After	Interior Girder 5	0	0.95	1	1	4.557651
HS20_str_opr	BOBJ1	45.63	After	Interior Girder 6	0	0.95	1	1	4.945827
HS20_str_opr	BOBJ1	45.63	After	Right Exterior Girder	0	0.95	1	1	6.222204
HS20_str_opr	BOBJ1	50.6298	Before	Left Exterior Girder	4.9998	0.95	1	1	6.301422
HS20_str_opr	BOBJ1	50.6298	Before	Right Exterior Girder	4.9998	0.95	1	1	6.301422
HS20_str_opr	BOBJ1	50.6298	After	Left Exterior Girder	4.9998	0.95	1	1	4.704786
HS20_str_opr	BOBJ1	50.6298	After	Right Exterior Girder	4.9998	0.95	1	1	4.704786
HS20_str_opr	BOBJ1	51.4	Before	Left Exterior Girder	5.77	0.95	1	1	4.713878
HS20_str_opr	BOBJ1	51.4	Before	Interior Girder 1	5.77	0.95	1	1	5.944366
HS20_str_opr	BOBJ1	51.4	Before	Interior Girder 2	5.77	0.95	1	1	4.639234
HS20_str_opr	BOBJ1	51.4	Before	Interior Girder 3	5.77	0.95	1	1	3.894238
HS20_str_opr	BOBJ1	51.4	Before	Interior Girder 4	5.77	0.95	1	1	3.894238
HS20_str_opr	BOBJ1	51.4	Before	Interior Girder 5	5.77	0.95	1	1	4.639234
HS20_str_opr	BOBJ1	51.4	Before	Interior Girder 6	5.77	0.95	1	1	5.944366
HS20_str_opr	BOBJ1	51.4	Before	Right Exterior Girder	5.77	0.95	1	1	4.713878
HS20_str_opr	BOBJ1	51.4	After	Left Exterior Girder	5.77	0.95	1	1	6.84889
HS20_str_opr	BOBJ1	51.4	After	Interior Girder 1	5.77	0.95	1	1	6.275188
HS20_str_opr	BOBJ1	51.4	After	Interior Girder 2	5.77	0.95	1	1	5.756403
HS20_str_opr	BOBJ1	51.4	After	Interior Girder 3	5.77	0.95	1	1	5.159374
HS20_str_opr	BOBJ1	51.4	After	Interior Girder 4	5.77	0.95	1	1	5.159374
HS20_str_opr	BOBJ1	51.4	After	Interior Girder 5	5.77	0.95	1	1	5.756403
HS20_str_opr	BOBJ1	51.4	After	Interior Girder 6	5.77	0.95	1	1	6.275188
HS20_str_opr	BOBJ1	51.4	After	Right Exterior Girder	5.77	0.95	1	1	6.84889
HS20_str_opr	BOBJ1	57.17	Before	Left Exterior Girder	11.54	0.95	1	1	6.939936
HS20_str_opr	BOBJ1	57.17	Before	Interior Girder 1	11.54	0.95	1	1	6.386387
HS20_str_opr	BOBJ1	57.17	Before	Interior Girder 2	11.54	0.95	1	1	5.857187
HS20_str_opr	BOBJ1	57.17	Before	Interior Girder 3	11.54	0.95	1	1	5.251889
HS20_str_opr	BOBJ1	57.17	Before	Interior Girder 4	11.54	0.95	1	1	5.251889
HS20_str_opr	BOBJ1	57.17	Before	Interior Girder 5	11.54	0.95	1	1	5.857187

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Approach, Span 16-19									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
HS20_str_opr	BOBJ1	57.17	Before	Interior Girder 6	11.54	0.95	1	1	6.386387
HS20_str_opr	BOBJ1	57.17	Before	Right Exterior Girder	11.54	0.95	1	1	6.939936
HS20_str_opr	BOBJ1	57.17	After	Left Exterior Girder	11.54	0.95	1	1	9.786356
HS20_str_opr	BOBJ1	57.17	After	Interior Girder 1	11.54	0.95	1	1	6.440515
HS20_str_opr	BOBJ1	57.17	After	Interior Girder 2	11.54	0.95	1	1	6.088232
HS20_str_opr	BOBJ1	57.17	After	Interior Girder 3	11.54	0.95	1	1	5.375824
HS20_str_opr	BOBJ1	57.17	After	Interior Girder 4	11.54	0.95	1	1	5.375824
HS20_str_opr	BOBJ1	57.17	After	Interior Girder 5	11.54	0.95	1	1	6.088232
HS20_str_opr	BOBJ1	57.17	After	Interior Girder 6	11.54	0.95	1	1	6.440515
HS20_str_opr	BOBJ1	57.17	After	Right Exterior Girder	11.54	0.95	1	1	9.786356
HS20_str_opr	BOBJ1	63.34	Before	Left Exterior Girder	17.71	0.95	1	1	9.919292
HS20_str_opr	BOBJ1	63.34	Before	Interior Girder 1	17.71	0.95	1	1	6.55998
HS20_str_opr	BOBJ1	63.34	Before	Interior Girder 2	17.71	0.95	1	1	6.200607
HS20_str_opr	BOBJ1	63.34	Before	Interior Girder 3	17.71	0.95	1	1	5.475095
HS20_str_opr	BOBJ1	63.34	Before	Interior Girder 4	17.71	0.95	1	1	5.475095
HS20_str_opr	BOBJ1	63.34	Before	Interior Girder 5	17.71	0.95	1	1	6.200607
HS20_str_opr	BOBJ1	63.34	Before	Interior Girder 6	17.71	0.95	1	1	6.55998
HS20_str_opr	BOBJ1	63.34	Before	Right Exterior Girder	17.71	0.95	1	1	9.919292
HS20_str_opr	BOBJ1	63.34	After	Left Exterior Girder	17.71	0.95	1	1	11.452012
HS20_str_opr	BOBJ1	63.34	After	Interior Girder 1	17.71	0.95	1	1	8.526376
HS20_str_opr	BOBJ1	63.34	After	Interior Girder 2	17.71	0.95	1	1	7.962857
HS20_str_opr	BOBJ1	63.34	After	Interior Girder 3	17.71	0.95	1	1	7.493182
HS20_str_opr	BOBJ1	63.34	After	Interior Girder 4	17.71	0.95	1	1	7.493182
HS20_str_opr	BOBJ1	63.34	After	Interior Girder 5	17.71	0.95	1	1	7.962857
HS20_str_opr	BOBJ1	63.34	After	Interior Girder 6	17.71	0.95	1	1	8.526376
HS20_str_opr	BOBJ1	63.34	After	Right Exterior Girder	17.71	0.95	1	1	11.452012
HS20_str_opr	BOBJ1	69.51	Before	Left Exterior Girder	23.88	0.95	1	1	11.6014
HS20_str_opr	BOBJ1	69.51	Before	Interior Girder 1	23.88	0.95	1	1	8.680896
HS20_str_opr	BOBJ1	69.51	Before	Interior Girder 2	23.88	0.95	1	1	8.106211
HS20_str_opr	BOBJ1	69.51	Before	Interior Girder 3	23.88	0.95	1	1	7.628025
HS20_str_opr	BOBJ1	69.51	Before	Interior Girder 4	23.88	0.95	1	1	7.628025
HS20_str_opr	BOBJ1	69.51	Before	Interior Girder 5	23.88	0.95	1	1	8.106211
HS20_str_opr	BOBJ1	69.51	Before	Interior Girder 6	23.88	0.95	1	1	8.680896
HS20_str_opr	BOBJ1	69.51	Before	Right Exterior Girder	23.88	0.95	1	1	11.6014
HS20_str_opr	BOBJ1	69.51	After	Left Exterior Girder	23.88	0.95	1	1	13.822561
HS20_str_opr	BOBJ1	69.51	After	Interior Girder 1	23.88	0.95	1	1	11.822558
HS20_str_opr	BOBJ1	69.51	After	Interior Girder 2	23.88	0.95	1	1	10.864372
HS20_str_opr	BOBJ1	69.51	After	Interior Girder 3	23.88	0.95	1	1	10.058436
HS20_str_opr	BOBJ1	69.51	After	Interior Girder 4	23.88	0.95	1	1	10.058436
HS20_str_opr	BOBJ1	69.51	After	Interior Girder 5	23.88	0.95	1	1	10.864372
HS20_str_opr	BOBJ1	69.51	After	Interior Girder 6	23.88	0.95	1	1	11.822558
HS20_str_opr	BOBJ1	69.51	After	Right Exterior Girder	23.88	0.95	1	1	13.822561
HS20_str_opr	BOBJ1	75.68	Before	Left Exterior Girder	30.05	0.95	1	1	13.996109
HS20_str_opr	BOBJ1	75.68	Before	Interior Girder 1	30.05	0.95	1	1	12.031849
HS20_str_opr	BOBJ1	75.68	Before	Interior Girder 2	30.05	0.95	1	1	11.055161
HS20_str_opr	BOBJ1	75.68	Before	Interior Girder 3	30.05	0.95	1	1	9.893616
HS20_str_opr	BOBJ1	75.68	Before	Interior Girder 4	30.05	0.95	1	1	9.893616
HS20_str_opr	BOBJ1	75.68	Before	Interior Girder 5	30.05	0.95	1	1	11.055161
HS20_str_opr	BOBJ1	75.68	Before	Interior Girder 6	30.05	0.95	1	1	12.031849
HS20_str_opr	BOBJ1	75.68	Before	Right Exterior Girder	30.05	0.95	1	1	13.996109
HS20_str_opr	BOBJ1	75.68	After	Left Exterior Girder	30.05	0.95	1	1	22.508812
HS20_str_opr	BOBJ1	75.68	After	Interior Girder 1	30.05	0.95	1	1	10.996302
HS20_str_opr	BOBJ1	75.68	After	Interior Girder 2	30.05	0.95	1	1	9.561708
HS20_str_opr	BOBJ1	75.68	After	Interior Girder 3	30.05	0.95	1	1	8.105833
HS20_str_opr	BOBJ1	75.68	After	Interior Girder 4	30.05	0.95	1	1	8.105833
HS20_str_opr	BOBJ1	75.68	After	Interior Girder 5	30.05	0.95	1	1	9.561708
HS20_str_opr	BOBJ1	75.68	After	Interior Girder 6	30.05	0.95	1	1	10.996302
HS20_str_opr	BOBJ1	75.68	After	Right Exterior Girder	30.05	0.95	1	1	22.508812
HS20_str_opr	BOBJ1	81.8467	Before	Left Exterior Girder	36.2167	0.95	1	1	22.240699
HS20_str_opr	BOBJ1	81.8467	Before	Interior Girder 1	36.2167	0.95	1	1	11.183723
HS20_str_opr	BOBJ1	81.8467	Before	Interior Girder 2	36.2167	0.95	1	1	9.725381
HS20_str_opr	BOBJ1	81.8467	Before	Interior Girder 3	36.2167	0.95	1	1	8.244624
HS20_str_opr	BOBJ1	81.8467	Before	Interior Girder 4	36.2167	0.95	1	1	8.244624
HS20_str_opr	BOBJ1	81.8467	Before	Interior Girder 5	36.2167	0.95	1	1	9.725381
HS20_str_opr	BOBJ1	81.8467	Before	Interior Girder 6	36.2167	0.95	1	1	11.183723

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Approach, Span 16-19									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
HS20_str_opr	BOBJ1	81.8467	Before	Right Exterior Girder	36.2167	0.95	1	1	22.240699
HS20_str_opr	BOBJ1	81.8467	After	Left Exterior Girder	36.2167	0.95	1	1	17.048763
HS20_str_opr	BOBJ1	81.8467	After	Interior Girder 1	36.2167	0.95	1	1	11.135907
HS20_str_opr	BOBJ1	81.8467	After	Interior Girder 2	36.2167	0.95	1	1	10.271156
HS20_str_opr	BOBJ1	81.8467	After	Interior Girder 3	36.2167	0.95	1	1	9.24069
HS20_str_opr	BOBJ1	81.8467	After	Interior Girder 4	36.2167	0.95	1	1	9.24069
HS20_str_opr	BOBJ1	81.8467	After	Interior Girder 5	36.2167	0.95	1	1	10.271156
HS20_str_opr	BOBJ1	81.8467	After	Interior Girder 6	36.2167	0.95	1	1	11.135907
HS20_str_opr	BOBJ1	81.8467	After	Right Exterior Girder	36.2167	0.95	1	1	17.048763
HS20_str_opr	BOBJ1	88.0133	Before	Left Exterior Girder	42.3833	0.95	1	1	16.838223
HS20_str_opr	BOBJ1	88.0133	Before	Interior Girder 1	42.3833	0.95	1	1	10.944108
HS20_str_opr	BOBJ1	88.0133	Before	Interior Girder 2	42.3833	0.95	1	1	10.094741
HS20_str_opr	BOBJ1	88.0133	Before	Interior Girder 3	42.3833	0.95	1	1	9.082095
HS20_str_opr	BOBJ1	88.0133	Before	Interior Girder 4	42.3833	0.95	1	1	9.082095
HS20_str_opr	BOBJ1	88.0133	Before	Interior Girder 5	42.3833	0.95	1	1	10.094741
HS20_str_opr	BOBJ1	88.0133	Before	Interior Girder 6	42.3833	0.95	1	1	10.944108
HS20_str_opr	BOBJ1	88.0133	Before	Right Exterior Girder	42.3833	0.95	1	1	16.838223
HS20_str_opr	BOBJ1	88.0133	After	Left Exterior Girder	42.3833	0.95	1	1	13.688021
HS20_str_opr	BOBJ1	88.0133	After	Interior Girder 1	42.3833	0.95	1	1	8.035045
HS20_str_opr	BOBJ1	88.0133	After	Interior Girder 2	42.3833	0.95	1	1	7.442296
HS20_str_opr	BOBJ1	88.0133	After	Interior Girder 3	42.3833	0.95	1	1	6.437631
HS20_str_opr	BOBJ1	88.0133	After	Interior Girder 4	42.3833	0.95	1	1	6.437631
HS20_str_opr	BOBJ1	88.0133	After	Interior Girder 5	42.3833	0.95	1	1	7.442296
HS20_str_opr	BOBJ1	88.0133	After	Interior Girder 6	42.3833	0.95	1	1	8.035045
HS20_str_opr	BOBJ1	88.0133	After	Right Exterior Girder	42.3833	0.95	1	1	13.688021
HS20_str_opr	BOBJ1	94.18	Before	Left Exterior Girder	48.55	0.95	1	1	13.512472
HS20_str_opr	BOBJ1	94.18	Before	Interior Girder 1	48.55	0.95	1	1	7.893495
HS20_str_opr	BOBJ1	94.18	Before	Interior Girder 2	48.55	0.95	1	1	7.311337
HS20_str_opr	BOBJ1	94.18	Before	Interior Girder 3	48.55	0.95	1	1	6.324435
HS20_str_opr	BOBJ1	94.18	Before	Interior Girder 4	48.55	0.95	1	1	6.324435
HS20_str_opr	BOBJ1	94.18	Before	Interior Girder 5	48.55	0.95	1	1	7.311337
HS20_str_opr	BOBJ1	94.18	Before	Interior Girder 6	48.55	0.95	1	1	7.893495
HS20_str_opr	BOBJ1	94.18	Before	Right Exterior Girder	48.55	0.95	1	1	13.512472
HS20_str_opr	BOBJ1	94.18	After	Left Exterior Girder	48.55	0.95	1	1	8.66165
HS20_str_opr	BOBJ1	94.18	After	Interior Girder 1	48.55	0.95	1	1	8.176201
HS20_str_opr	BOBJ1	94.18	After	Interior Girder 2	48.55	0.95	1	1	7.499593
HS20_str_opr	BOBJ1	94.18	After	Interior Girder 3	48.55	0.95	1	1	7.051426
HS20_str_opr	BOBJ1	94.18	After	Interior Girder 4	48.55	0.95	1	1	7.051426
HS20_str_opr	BOBJ1	94.18	After	Interior Girder 5	48.55	0.95	1	1	7.499593
HS20_str_opr	BOBJ1	94.18	After	Interior Girder 6	48.55	0.95	1	1	8.176201
HS20_str_opr	BOBJ1	94.18	After	Right Exterior Girder	48.55	0.95	1	1	8.66165
HS20_str_opr	BOBJ1	100.3567	Before	Left Exterior Girder	54.7267	0.95	1	1	8.546224
HS20_str_opr	BOBJ1	100.3567	Before	Interior Girder 1	54.7267	0.95	1	1	8.027612
HS20_str_opr	BOBJ1	100.3567	Before	Interior Girder 2	54.7267	0.95	1	1	7.364721
HS20_str_opr	BOBJ1	100.3567	Before	Interior Girder 3	54.7267	0.95	1	1	6.923247
HS20_str_opr	BOBJ1	100.3567	Before	Interior Girder 4	54.7267	0.95	1	1	6.923247
HS20_str_opr	BOBJ1	100.3567	Before	Interior Girder 5	54.7267	0.95	1	1	7.364721
HS20_str_opr	BOBJ1	100.3567	Before	Interior Girder 6	54.7267	0.95	1	1	8.027612
HS20_str_opr	BOBJ1	100.3567	Before	Right Exterior Girder	54.7267	0.95	1	1	8.546224
HS20_str_opr	BOBJ1	100.3567	After	Left Exterior Girder	54.7267	0.95	1	1	7.56368
HS20_str_opr	BOBJ1	100.3567	After	Interior Girder 1	54.7267	0.95	1	1	6.209277
HS20_str_opr	BOBJ1	100.3567	After	Interior Girder 2	54.7267	0.95	1	1	5.775028
HS20_str_opr	BOBJ1	100.3567	After	Interior Girder 3	54.7267	0.95	1	1	5.205753
HS20_str_opr	BOBJ1	100.3567	After	Interior Girder 4	54.7267	0.95	1	1	5.205753
HS20_str_opr	BOBJ1	100.3567	After	Interior Girder 5	54.7267	0.95	1	1	5.775028
HS20_str_opr	BOBJ1	100.3567	After	Interior Girder 6	54.7267	0.95	1	1	6.209277
HS20_str_opr	BOBJ1	100.3567	After	Right Exterior Girder	54.7267	0.95	1	1	7.56368
HS20_str_opr	BOBJ1	106.5333	Before	Left Exterior Girder	60.9033	0.95	1	1	7.458608
HS20_str_opr	BOBJ1	106.5333	Before	Interior Girder 1	60.9033	0.95	1	1	6.093799
HS20_str_opr	BOBJ1	106.5333	Before	Interior Girder 2	60.9033	0.95	1	1	5.668603
HS20_str_opr	BOBJ1	106.5333	Before	Interior Girder 3	60.9033	0.95	1	1	5.108566
HS20_str_opr	BOBJ1	106.5333	Before	Interior Girder 4	60.9033	0.95	1	1	5.108566
HS20_str_opr	BOBJ1	106.5333	Before	Interior Girder 5	60.9033	0.95	1	1	5.668603
HS20_str_opr	BOBJ1	106.5333	Before	Interior Girder 6	60.9033	0.95	1	1	6.093799
HS20_str_opr	BOBJ1	106.5333	Before	Right Exterior Girder	60.9033	0.95	1	1	7.458608

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Approach, Span 16-19									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
HS20_str_opr	BOBJ1	106.5333	After	Left Exterior Girder	60.9033	0.95	1	1	6.164152
HS20_str_opr	BOBJ1	106.5333	After	Interior Girder 1	60.9033	0.95	1	1	5.166925
HS20_str_opr	BOBJ1	106.5333	After	Interior Girder 2	60.9033	0.95	1	1	4.584568
HS20_str_opr	BOBJ1	106.5333	After	Interior Girder 3	60.9033	0.95	1	1	3.835529
HS20_str_opr	BOBJ1	106.5333	After	Interior Girder 4	60.9033	0.95	1	1	3.835529
HS20_str_opr	BOBJ1	106.5333	After	Interior Girder 5	60.9033	0.95	1	1	4.584568
HS20_str_opr	BOBJ1	106.5333	After	Interior Girder 6	60.9033	0.95	1	1	5.166925
HS20_str_opr	BOBJ1	106.5333	After	Right Exterior Girder	60.9033	0.95	1	1	6.164152
HS20_str_opr	BOBJ1	108.2102	Before	Left Exterior Girder	62.5802	0.95	1	1	6.139468
HS20_str_opr	BOBJ1	108.2102	Before	Right Exterior Girder	62.5802	0.95	1	1	6.139468
HS20_str_opr	BOBJ1	108.2102	After	Left Exterior Girder	62.5802	0.95	1	1	6.677676
HS20_str_opr	BOBJ1	108.2102	After	Right Exterior Girder	62.5802	0.95	1	1	6.677676
HS20_str_opr	BOBJ1	112.71	Before	Left Exterior Girder	67.08	0.95	1	1	6.602395
HS20_str_opr	BOBJ1	112.71	Before	Interior Girder 1	67.08	0.95	1	1	4.811694
HS20_str_opr	BOBJ1	112.71	Before	Interior Girder 2	67.08	0.95	1	1	4.498064
HS20_str_opr	BOBJ1	112.71	Before	Interior Girder 3	67.08	0.95	1	1	3.761849
HS20_str_opr	BOBJ1	112.71	Before	Interior Girder 4	67.08	0.95	1	1	3.761849
HS20_str_opr	BOBJ1	112.71	Before	Interior Girder 5	67.08	0.95	1	1	4.498064
HS20_str_opr	BOBJ1	112.71	Before	Interior Girder 6	67.08	0.95	1	1	4.811694
HS20_str_opr	BOBJ1	112.71	Before	Right Exterior Girder	67.08	0.95	1	1	6.602395
HS20_str_opr	BOBJ1	112.71	After	Left Exterior Girder	0	0.95	1	1	7.524093
HS20_str_opr	BOBJ1	112.71	After	Interior Girder 1	0	0.95	1	1	5.194963
HS20_str_opr	BOBJ1	112.71	After	Interior Girder 2	0	0.95	1	1	4.831642
HS20_str_opr	BOBJ1	112.71	After	Interior Girder 3	0	0.95	1	1	3.972779
HS20_str_opr	BOBJ1	112.71	After	Interior Girder 4	0	0.95	1	1	3.972779
HS20_str_opr	BOBJ1	112.71	After	Interior Girder 5	0	0.95	1	1	4.831642
HS20_str_opr	BOBJ1	112.71	After	Interior Girder 6	0	0.95	1	1	5.194963
HS20_str_opr	BOBJ1	112.71	After	Right Exterior Girder	0	0.95	1	1	7.524093
HS20_str_opr	BOBJ1	117.21	Before	Left Exterior Girder	4.5	0.95	1	1	7.607412
HS20_str_opr	BOBJ1	117.21	Before	Right Exterior Girder	4.5	0.95	1	1	7.607412
HS20_str_opr	BOBJ1	117.21	After	Left Exterior Girder	4.5	0.95	1	1	7.58733
HS20_str_opr	BOBJ1	117.21	After	Right Exterior Girder	4.5	0.95	1	1	7.58733
HS20_str_opr	BOBJ1	119.1	Before	Left Exterior Girder	6.39	0.95	1	1	7.620435
HS20_str_opr	BOBJ1	119.1	Before	Interior Girder 1	6.39	0.95	1	1	5.438513
HS20_str_opr	BOBJ1	119.1	Before	Interior Girder 2	6.39	0.95	1	1	4.925605
HS20_str_opr	BOBJ1	119.1	Before	Interior Girder 3	6.39	0.95	1	1	4.051522
HS20_str_opr	BOBJ1	119.1	Before	Interior Girder 4	6.39	0.95	1	1	4.051522
HS20_str_opr	BOBJ1	119.1	Before	Interior Girder 5	6.39	0.95	1	1	4.925605
HS20_str_opr	BOBJ1	119.1	Before	Interior Girder 6	6.39	0.95	1	1	5.438513
HS20_str_opr	BOBJ1	119.1	Before	Right Exterior Girder	6.39	0.95	1	1	7.620435
HS20_str_opr	BOBJ1	119.1	After	Left Exterior Girder	6.39	0.95	1	1	9.084221
HS20_str_opr	BOBJ1	119.1	After	Interior Girder 1	6.39	0.95	1	1	6.840976
HS20_str_opr	BOBJ1	119.1	After	Interior Girder 2	6.39	0.95	1	1	6.292262
HS20_str_opr	BOBJ1	119.1	After	Interior Girder 3	6.39	0.95	1	1	5.621073
HS20_str_opr	BOBJ1	119.1	After	Interior Girder 4	6.39	0.95	1	1	5.621073
HS20_str_opr	BOBJ1	119.1	After	Interior Girder 5	6.39	0.95	1	1	6.292262
HS20_str_opr	BOBJ1	119.1	After	Interior Girder 6	6.39	0.95	1	1	6.840976
HS20_str_opr	BOBJ1	119.1	After	Right Exterior Girder	6.39	0.95	1	1	9.084221
HS20_str_opr	BOBJ1	125.49	Before	Left Exterior Girder	12.78	0.95	1	1	9.212717
HS20_str_opr	BOBJ1	125.49	Before	Interior Girder 1	12.78	0.95	1	1	6.971734
HS20_str_opr	BOBJ1	125.49	Before	Interior Girder 2	12.78	0.95	1	1	6.41169
HS20_str_opr	BOBJ1	125.49	Before	Interior Girder 3	12.78	0.95	1	1	5.729262
HS20_str_opr	BOBJ1	125.49	Before	Interior Girder 4	12.78	0.95	1	1	5.729262
HS20_str_opr	BOBJ1	125.49	Before	Interior Girder 5	12.78	0.95	1	1	6.41169
HS20_str_opr	BOBJ1	125.49	Before	Interior Girder 6	12.78	0.95	1	1	6.971734
HS20_str_opr	BOBJ1	125.49	Before	Right Exterior Girder	12.78	0.95	1	1	9.212717
HS20_str_opr	BOBJ1	125.49	After	Left Exterior Girder	12.78	0.95	1	1	10.967272
HS20_str_opr	BOBJ1	125.49	After	Interior Girder 1	12.78	0.95	1	1	9.580476
HS20_str_opr	BOBJ1	125.49	After	Interior Girder 2	12.78	0.95	1	1	8.597141
HS20_str_opr	BOBJ1	125.49	After	Interior Girder 3	12.78	0.95	1	1	8.033973
HS20_str_opr	BOBJ1	125.49	After	Interior Girder 4	12.78	0.95	1	1	8.033973
HS20_str_opr	BOBJ1	125.49	After	Interior Girder 5	12.78	0.95	1	1	8.597141
HS20_str_opr	BOBJ1	125.49	After	Interior Girder 6	12.78	0.95	1	1	9.580476
HS20_str_opr	BOBJ1	125.49	After	Right Exterior Girder	12.78	0.95	1	1	10.967272
HS20_str_opr	BOBJ1	131.88	Before	Left Exterior Girder	19.17	0.95	1	1	11.115956

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Approach, Span 16-19									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
HS20_str_opr	BOBJ1	131.88	Before	Interior Girder 1	19.17	0.95	1	1	9.759294
HS20_str_opr	BOBJ1	131.88	Before	Interior Girder 2	19.17	0.95	1	1	8.756273
HS20_str_opr	BOBJ1	131.88	Before	Interior Girder 3	19.17	0.95	1	1	8.184432
HS20_str_opr	BOBJ1	131.88	Before	Interior Girder 4	19.17	0.95	1	1	8.184432
HS20_str_opr	BOBJ1	131.88	Before	Interior Girder 5	19.17	0.95	1	1	8.756273
HS20_str_opr	BOBJ1	131.88	Before	Interior Girder 6	19.17	0.95	1	1	9.759294
HS20_str_opr	BOBJ1	131.88	Before	Right Exterior Girder	19.17	0.95	1	1	11.115956
HS20_str_opr	BOBJ1	131.88	After	Left Exterior Girder	19.17	0.95	1	1	19.683056
HS20_str_opr	BOBJ1	131.88	After	Interior Girder 1	19.17	0.95	1	1	9.563489
HS20_str_opr	BOBJ1	131.88	After	Interior Girder 2	19.17	0.95	1	1	8.579876
HS20_str_opr	BOBJ1	131.88	After	Interior Girder 3	19.17	0.95	1	1	7.290679
HS20_str_opr	BOBJ1	131.88	After	Interior Girder 4	19.17	0.95	1	1	7.290679
HS20_str_opr	BOBJ1	131.88	After	Interior Girder 5	19.17	0.95	1	1	8.579876
HS20_str_opr	BOBJ1	131.88	After	Interior Girder 6	19.17	0.95	1	1	9.563489
HS20_str_opr	BOBJ1	131.88	After	Right Exterior Girder	19.17	0.95	1	1	19.683056
HS20_str_opr	BOBJ1	138.27	Before	Left Exterior Girder	25.56	0.95	1	1	19.939599
HS20_str_opr	BOBJ1	138.27	Before	Interior Girder 1	25.56	0.95	1	1	9.736684
HS20_str_opr	BOBJ1	138.27	Before	Interior Girder 2	25.56	0.95	1	1	8.735554
HS20_str_opr	BOBJ1	138.27	Before	Interior Girder 3	25.56	0.95	1	1	7.422998
HS20_str_opr	BOBJ1	138.27	Before	Interior Girder 4	25.56	0.95	1	1	7.422998
HS20_str_opr	BOBJ1	138.27	Before	Interior Girder 5	25.56	0.95	1	1	8.735554
HS20_str_opr	BOBJ1	138.27	Before	Interior Girder 6	25.56	0.95	1	1	9.736684
HS20_str_opr	BOBJ1	138.27	Before	Right Exterior Girder	25.56	0.95	1	1	19.939599
HS20_str_opr	BOBJ1	138.27	After	Left Exterior Girder	25.56	0.95	1	1	25.392602
HS20_str_opr	BOBJ1	138.27	After	Interior Girder 1	25.56	0.95	1	1	14.43572
HS20_str_opr	BOBJ1	138.27	After	Interior Girder 2	25.56	0.95	1	1	12.918771
HS20_str_opr	BOBJ1	138.27	After	Interior Girder 3	25.56	0.95	1	1	11.16851
HS20_str_opr	BOBJ1	138.27	After	Interior Girder 4	25.56	0.95	1	1	11.16851
HS20_str_opr	BOBJ1	138.27	After	Interior Girder 5	25.56	0.95	1	1	12.918771
HS20_str_opr	BOBJ1	138.27	After	Interior Girder 6	25.56	0.95	1	1	14.43572
HS20_str_opr	BOBJ1	138.27	After	Right Exterior Girder	25.56	0.95	1	1	25.392602
HS20_str_opr	BOBJ1	144.66	Before	Left Exterior Girder	31.95	0.95	1	1	25.076289
HS20_str_opr	BOBJ1	144.66	Before	Interior Girder 1	31.95	0.95	1	1	14.184253
HS20_str_opr	BOBJ1	144.66	Before	Interior Girder 2	31.95	0.95	1	1	12.693805
HS20_str_opr	BOBJ1	144.66	Before	Interior Girder 3	31.95	0.95	1	1	10.974036
HS20_str_opr	BOBJ1	144.66	Before	Interior Girder 4	31.95	0.95	1	1	10.974036
HS20_str_opr	BOBJ1	144.66	Before	Interior Girder 5	31.95	0.95	1	1	12.693805
HS20_str_opr	BOBJ1	144.66	Before	Interior Girder 6	31.95	0.95	1	1	14.184253
HS20_str_opr	BOBJ1	144.66	Before	Right Exterior Girder	31.95	0.95	1	1	25.076289
HS20_str_opr	BOBJ1	144.66	After	Left Exterior Girder	31.95	0.95	1	1	18.167252
HS20_str_opr	BOBJ1	144.66	After	Interior Girder 1	31.95	0.95	1	1	9.464148
HS20_str_opr	BOBJ1	144.66	After	Interior Girder 2	31.95	0.95	1	1	8.495538
HS20_str_opr	BOBJ1	144.66	After	Interior Girder 3	31.95	0.95	1	1	7.241133
HS20_str_opr	BOBJ1	144.66	After	Interior Girder 4	31.95	0.95	1	1	7.241133
HS20_str_opr	BOBJ1	144.66	After	Interior Girder 5	31.95	0.95	1	1	8.495538
HS20_str_opr	BOBJ1	144.66	After	Interior Girder 6	31.95	0.95	1	1	9.464148
HS20_str_opr	BOBJ1	144.66	After	Right Exterior Girder	31.95	0.95	1	1	18.167252
HS20_str_opr	BOBJ1	151.05	Before	Left Exterior Girder	38.34	0.95	1	1	17.932102
HS20_str_opr	BOBJ1	151.05	Before	Interior Girder 1	38.34	0.95	1	1	9.295483
HS20_str_opr	BOBJ1	151.05	Before	Interior Girder 2	38.34	0.95	1	1	8.343949
HS20_str_opr	BOBJ1	151.05	Before	Interior Girder 3	38.34	0.95	1	1	7.111906
HS20_str_opr	BOBJ1	151.05	Before	Interior Girder 4	38.34	0.95	1	1	7.111906
HS20_str_opr	BOBJ1	151.05	Before	Interior Girder 5	38.34	0.95	1	1	8.343949
HS20_str_opr	BOBJ1	151.05	Before	Interior Girder 6	38.34	0.95	1	1	9.295483
HS20_str_opr	BOBJ1	151.05	Before	Right Exterior Girder	38.34	0.95	1	1	17.932102
HS20_str_opr	BOBJ1	151.05	After	Left Exterior Girder	38.34	0.95	1	1	10.478661
HS20_str_opr	BOBJ1	151.05	After	Interior Girder 1	38.34	0.95	1	1	9.382416
HS20_str_opr	BOBJ1	151.05	After	Interior Girder 2	38.34	0.95	1	1	8.412765
HS20_str_opr	BOBJ1	151.05	After	Interior Girder 3	38.34	0.95	1	1	7.828672
HS20_str_opr	BOBJ1	151.05	After	Interior Girder 4	38.34	0.95	1	1	7.828672
HS20_str_opr	BOBJ1	151.05	After	Interior Girder 5	38.34	0.95	1	1	8.412765
HS20_str_opr	BOBJ1	151.05	After	Interior Girder 6	38.34	0.95	1	1	9.382416
HS20_str_opr	BOBJ1	151.05	After	Right Exterior Girder	38.34	0.95	1	1	10.478661
HS20_str_opr	BOBJ1	157.4367	Before	Left Exterior Girder	44.7267	0.95	1	1	10.33755
HS20_str_opr	BOBJ1	157.4367	Before	Interior Girder 1	44.7267	0.95	1	1	9.210452

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Approach, Span 16-19									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
HS20_str_opr	BOBJ1	157.4367	Before	Interior Girder 2	44.7267	0.95	1	1	8.259871
HS20_str_opr	BOBJ1	157.4367	Before	Interior Girder 3	44.7267	0.95	1	1	7.684535
HS20_str_opr	BOBJ1	157.4367	Before	Interior Girder 4	44.7267	0.95	1	1	7.684535
HS20_str_opr	BOBJ1	157.4367	Before	Interior Girder 5	44.7267	0.95	1	1	8.259871
HS20_str_opr	BOBJ1	157.4367	Before	Interior Girder 6	44.7267	0.95	1	1	9.210452
HS20_str_opr	BOBJ1	157.4367	Before	Right Exterior Girder	44.7267	0.95	1	1	10.33755
HS20_str_opr	BOBJ1	157.4367	After	Left Exterior Girder	44.7267	0.95	1	1	8.667727
HS20_str_opr	BOBJ1	157.4367	After	Interior Girder 1	44.7267	0.95	1	1	6.840998
HS20_str_opr	BOBJ1	157.4367	After	Interior Girder 2	44.7267	0.95	1	1	6.200963
HS20_str_opr	BOBJ1	157.4367	After	Interior Girder 3	44.7267	0.95	1	1	5.295245
HS20_str_opr	BOBJ1	157.4367	After	Interior Girder 4	44.7267	0.95	1	1	5.295245
HS20_str_opr	BOBJ1	157.4367	After	Interior Girder 5	44.7267	0.95	1	1	6.200963
HS20_str_opr	BOBJ1	157.4367	After	Interior Girder 6	44.7267	0.95	1	1	6.840998
HS20_str_opr	BOBJ1	157.4367	After	Right Exterior Girder	44.7267	0.95	1	1	8.667727
HS20_str_opr	BOBJ1	158.71	Before	Left Exterior Girder	46	0.95	1	1	8.643609
HS20_str_opr	BOBJ1	158.71	Before	Interior Girder 1	46	0.95	1	1	6.815566
HS20_str_opr	BOBJ1	158.71	Before	Interior Girder 2	46	0.95	1	1	6.178033
HS20_str_opr	BOBJ1	158.71	Before	Interior Girder 3	46	0.95	1	1	5.275322
HS20_str_opr	BOBJ1	158.71	Before	Interior Girder 4	46	0.95	1	1	5.275322
HS20_str_opr	BOBJ1	158.71	Before	Interior Girder 5	46	0.95	1	1	6.178033
HS20_str_opr	BOBJ1	158.71	Before	Interior Girder 6	46	0.95	1	1	6.815566
HS20_str_opr	BOBJ1	158.71	Before	Right Exterior Girder	46	0.95	1	1	8.643609
HS20_str_opr	BOBJ1	158.71	After	Left Exterior Girder	46	0.95	1	1	10.699211
HS20_str_opr	BOBJ1	158.71	After	Interior Girder 1	46	0.95	1	1	7.485547
HS20_str_opr	BOBJ1	158.71	After	Interior Girder 2	46	0.95	1	1	6.918952
HS20_str_opr	BOBJ1	158.71	After	Interior Girder 3	46	0.95	1	1	6.03395
HS20_str_opr	BOBJ1	158.71	After	Interior Girder 4	46	0.95	1	1	6.03395
HS20_str_opr	BOBJ1	158.71	After	Interior Girder 5	46	0.95	1	1	6.918952
HS20_str_opr	BOBJ1	158.71	After	Interior Girder 6	46	0.95	1	1	7.485547
HS20_str_opr	BOBJ1	158.71	After	Right Exterior Girder	46	0.95	1	1	10.699211
HS20_str_opr	BOBJ1	163.8233	Before	Left Exterior Girder	51.1133	0.95	1	1	10.595678
HS20_str_opr	BOBJ1	163.8233	Before	Interior Girder 1	51.1133	0.95	1	1	7.385595
HS20_str_opr	BOBJ1	163.8233	Before	Interior Girder 2	51.1133	0.95	1	1	6.827114
HS20_str_opr	BOBJ1	163.8233	Before	Interior Girder 3	51.1133	0.95	1	1	5.952755
HS20_str_opr	BOBJ1	163.8233	Before	Interior Girder 4	51.1133	0.95	1	1	5.952755
HS20_str_opr	BOBJ1	163.8233	Before	Interior Girder 5	51.1133	0.95	1	1	6.827114
HS20_str_opr	BOBJ1	163.8233	Before	Interior Girder 6	51.1133	0.95	1	1	7.385595
HS20_str_opr	BOBJ1	163.8233	Before	Right Exterior Girder	51.1133	0.95	1	1	10.595678
HS20_str_opr	BOBJ1	163.8233	After	Left Exterior Girder	51.1133	0.95	1	1	8.238289
HS20_str_opr	BOBJ1	163.8233	After	Interior Girder 1	51.1133	0.95	1	1	6.524859
HS20_str_opr	BOBJ1	163.8233	After	Interior Girder 2	51.1133	0.95	1	1	5.672547
HS20_str_opr	BOBJ1	163.8233	After	Interior Girder 3	51.1133	0.95	1	1	4.65617
HS20_str_opr	BOBJ1	163.8233	After	Interior Girder 4	51.1133	0.95	1	1	4.65617
HS20_str_opr	BOBJ1	163.8233	After	Interior Girder 5	51.1133	0.95	1	1	5.672547
HS20_str_opr	BOBJ1	163.8233	After	Interior Girder 6	51.1133	0.95	1	1	6.524859
HS20_str_opr	BOBJ1	163.8233	After	Right Exterior Girder	51.1133	0.95	1	1	8.238289
HS20_str_opr	BOBJ1	164.71	Before	Left Exterior Girder	52	0.95	1	1	8.223889
HS20_str_opr	BOBJ1	164.71	Before	Right Exterior Girder	52	0.95	1	1	8.223889
HS20_str_opr	BOBJ1	164.71	After	Left Exterior Girder	52	0.95	1	1	9.407504
HS20_str_opr	BOBJ1	164.71	After	Right Exterior Girder	52	0.95	1	1	9.407504
HS20_str_opr	BOBJ1	170.21	Before	Left Exterior Girder	57.5	0.95	1	1	9.29736
HS20_str_opr	BOBJ1	170.21	Before	Interior Girder 1	57.5	0.95	1	1	5.999721
HS20_str_opr	BOBJ1	170.21	Before	Interior Girder 2	57.5	0.95	1	1	5.576891
HS20_str_opr	BOBJ1	170.21	Before	Interior Girder 3	57.5	0.95	1	1	4.576235
HS20_str_opr	BOBJ1	170.21	Before	Interior Girder 4	57.5	0.95	1	1	4.576235
HS20_str_opr	BOBJ1	170.21	Before	Interior Girder 5	57.5	0.95	1	1	5.576891
HS20_str_opr	BOBJ1	170.21	Before	Interior Girder 6	57.5	0.95	1	1	5.999721
HS20_str_opr	BOBJ1	170.21	Before	Right Exterior Girder	57.5	0.95	1	1	9.29736
HS20_str_opr	BOBJ1	170.21	After	Left Exterior Girder	0	0.95	1	1	8.376029
HS20_str_opr	BOBJ1	170.21	After	Interior Girder 1	0	0.95	1	1	5.571951
HS20_str_opr	BOBJ1	170.21	After	Interior Girder 2	0	0.95	1	1	5.188101
HS20_str_opr	BOBJ1	170.21	After	Interior Girder 3	0	0.95	1	1	4.325568
HS20_str_opr	BOBJ1	170.21	After	Interior Girder 4	0	0.95	1	1	4.325568
HS20_str_opr	BOBJ1	170.21	After	Interior Girder 5	0	0.95	1	1	5.188101
HS20_str_opr	BOBJ1	170.21	After	Interior Girder 6	0	0.95	1	1	5.571951

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Approach, Span 16-19									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
HS20_str_opr	BOBJ1	170.21	After	Right Exterior Girder	0	0.95	1	1	8.376029
HS20_str_opr	BOBJ1	176.21	Before	Left Exterior Girder	6	0.95	1	1	8.487603
HS20_str_opr	BOBJ1	176.21	Before	Right Exterior Girder	6	0.95	1	1	8.487603
HS20_str_opr	BOBJ1	176.21	After	Left Exterior Girder	6	0.95	1	1	5.700097
HS20_str_opr	BOBJ1	176.21	After	Right Exterior Girder	6	0.95	1	1	5.700097
HS20_str_opr	BOBJ1	176.6	Before	Left Exterior Girder	6.39	0.95	1	1	5.704835
HS20_str_opr	BOBJ1	176.6	Before	Interior Girder 1	6.39	0.95	1	1	7.124978
HS20_str_opr	BOBJ1	176.6	Before	Interior Girder 2	6.39	0.95	1	1	5.279351
HS20_str_opr	BOBJ1	176.6	Before	Interior Girder 3	6.39	0.95	1	1	4.403002
HS20_str_opr	BOBJ1	176.6	Before	Interior Girder 4	6.39	0.95	1	1	4.403002
HS20_str_opr	BOBJ1	176.6	Before	Interior Girder 5	6.39	0.95	1	1	5.279351
HS20_str_opr	BOBJ1	176.6	Before	Interior Girder 6	6.39	0.95	1	1	7.124978
HS20_str_opr	BOBJ1	176.6	Before	Right Exterior Girder	6.39	0.95	1	1	5.704835
HS20_str_opr	BOBJ1	176.6	After	Left Exterior Girder	6.39	0.95	1	1	9.263497
HS20_str_opr	BOBJ1	176.6	After	Interior Girder 1	6.39	0.95	1	1	7.087063
HS20_str_opr	BOBJ1	176.6	After	Interior Girder 2	6.39	0.95	1	1	6.504091
HS20_str_opr	BOBJ1	176.6	After	Interior Girder 3	6.39	0.95	1	1	5.840667
HS20_str_opr	BOBJ1	176.6	After	Interior Girder 4	6.39	0.95	1	1	5.840667
HS20_str_opr	BOBJ1	176.6	After	Interior Girder 5	6.39	0.95	1	1	6.504091
HS20_str_opr	BOBJ1	176.6	After	Interior Girder 6	6.39	0.95	1	1	7.087063
HS20_str_opr	BOBJ1	176.6	After	Right Exterior Girder	6.39	0.95	1	1	9.263497
HS20_str_opr	BOBJ1	182.99	Before	Left Exterior Girder	12.78	0.95	1	1	9.37974
HS20_str_opr	BOBJ1	182.99	Before	Interior Girder 1	12.78	0.95	1	1	7.210008
HS20_str_opr	BOBJ1	182.99	Before	Interior Girder 2	12.78	0.95	1	1	6.616037
HS20_str_opr	BOBJ1	182.99	Before	Interior Girder 3	12.78	0.95	1	1	5.942498
HS20_str_opr	BOBJ1	182.99	Before	Interior Girder 4	12.78	0.95	1	1	5.942498
HS20_str_opr	BOBJ1	182.99	Before	Interior Girder 5	12.78	0.95	1	1	6.616037
HS20_str_opr	BOBJ1	182.99	Before	Interior Girder 6	12.78	0.95	1	1	7.210008
HS20_str_opr	BOBJ1	182.99	Before	Right Exterior Girder	12.78	0.95	1	1	9.37974
HS20_str_opr	BOBJ1	182.99	After	Left Exterior Girder	12.78	0.95	1	1	10.605247
HS20_str_opr	BOBJ1	182.99	After	Interior Girder 1	12.78	0.95	1	1	9.368004
HS20_str_opr	BOBJ1	182.99	After	Interior Girder 2	12.78	0.95	1	1	8.428539
HS20_str_opr	BOBJ1	182.99	After	Interior Girder 3	12.78	0.95	1	1	7.874742
HS20_str_opr	BOBJ1	182.99	After	Interior Girder 4	12.78	0.95	1	1	7.874742
HS20_str_opr	BOBJ1	182.99	After	Interior Girder 5	12.78	0.95	1	1	8.428539
HS20_str_opr	BOBJ1	182.99	After	Interior Girder 6	12.78	0.95	1	1	9.368004
HS20_str_opr	BOBJ1	182.99	After	Right Exterior Girder	12.78	0.95	1	1	10.605247
HS20_str_opr	BOBJ1	189.38	Before	Left Exterior Girder	19.17	0.95	1	1	10.733602
HS20_str_opr	BOBJ1	189.38	Before	Interior Girder 1	19.17	0.95	1	1	9.527102
HS20_str_opr	BOBJ1	189.38	Before	Interior Girder 2	19.17	0.95	1	1	8.570381
HS20_str_opr	BOBJ1	189.38	Before	Interior Girder 3	19.17	0.95	1	1	8.008682
HS20_str_opr	BOBJ1	189.38	Before	Interior Girder 4	19.17	0.95	1	1	8.008682
HS20_str_opr	BOBJ1	189.38	Before	Interior Girder 5	19.17	0.95	1	1	8.570381
HS20_str_opr	BOBJ1	189.38	Before	Interior Girder 6	19.17	0.95	1	1	9.527102
HS20_str_opr	BOBJ1	189.38	Before	Right Exterior Girder	19.17	0.95	1	1	10.733602
HS20_str_opr	BOBJ1	189.38	After	Left Exterior Girder	19.17	0.95	1	1	16.983823
HS20_str_opr	BOBJ1	189.38	After	Interior Girder 1	19.17	0.95	1	1	9.246069
HS20_str_opr	BOBJ1	189.38	After	Interior Girder 2	19.17	0.95	1	1	8.41633
HS20_str_opr	BOBJ1	189.38	After	Interior Girder 3	19.17	0.95	1	1	7.234587
HS20_str_opr	BOBJ1	189.38	After	Interior Girder 4	19.17	0.95	1	1	7.234587
HS20_str_opr	BOBJ1	189.38	After	Interior Girder 5	19.17	0.95	1	1	8.41633
HS20_str_opr	BOBJ1	189.38	After	Interior Girder 6	19.17	0.95	1	1	9.246069
HS20_str_opr	BOBJ1	189.38	After	Right Exterior Girder	19.17	0.95	1	1	16.983823
HS20_str_opr	BOBJ1	195.77	Before	Left Exterior Girder	25.56	0.95	1	1	17.18275
HS20_str_opr	BOBJ1	195.77	Before	Interior Girder 1	25.56	0.95	1	1	9.399018
HS20_str_opr	BOBJ1	195.77	Before	Interior Girder 2	25.56	0.95	1	1	8.555383
HS20_str_opr	BOBJ1	195.77	Before	Interior Girder 3	25.56	0.95	1	1	7.354058
HS20_str_opr	BOBJ1	195.77	Before	Interior Girder 4	25.56	0.95	1	1	7.354058
HS20_str_opr	BOBJ1	195.77	Before	Interior Girder 5	25.56	0.95	1	1	8.555383
HS20_str_opr	BOBJ1	195.77	Before	Interior Girder 6	25.56	0.95	1	1	9.399018
HS20_str_opr	BOBJ1	195.77	Before	Right Exterior Girder	25.56	0.95	1	1	17.18275
HS20_str_opr	BOBJ1	195.77	After	Left Exterior Girder	25.56	0.95	1	1	22.396396
HS20_str_opr	BOBJ1	195.77	After	Interior Girder 1	25.56	0.95	1	1	13.173954
HS20_str_opr	BOBJ1	195.77	After	Interior Girder 2	25.56	0.95	1	1	12.0583
HS20_str_opr	BOBJ1	195.77	After	Interior Girder 3	25.56	0.95	1	1	10.517748

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Approach, Span 16-19									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
HS20_str_opr	BOBJ1	195.77	After	Interior Girder 4	25.56	0.95	1	1	10.517748
HS20_str_opr	BOBJ1	195.77	After	Interior Girder 5	25.56	0.95	1	1	12.0583
HS20_str_opr	BOBJ1	195.77	After	Interior Girder 6	25.56	0.95	1	1	13.173954
HS20_str_opr	BOBJ1	195.77	After	Right Exterior Girder	25.56	0.95	1	1	22.396396
HS20_str_opr	BOBJ1	202.16	Before	Left Exterior Girder	31.95	0.95	1	1	22.65016
HS20_str_opr	BOBJ1	202.16	Before	Interior Girder 1	31.95	0.95	1	1	13.387378
HS20_str_opr	BOBJ1	202.16	Before	Interior Girder 2	31.95	0.95	1	1	12.25309
HS20_str_opr	BOBJ1	202.16	Before	Interior Girder 3	31.95	0.95	1	1	10.687558
HS20_str_opr	BOBJ1	202.16	Before	Interior Girder 4	31.95	0.95	1	1	10.687558
HS20_str_opr	BOBJ1	202.16	Before	Interior Girder 5	31.95	0.95	1	1	12.25309
HS20_str_opr	BOBJ1	202.16	Before	Interior Girder 6	31.95	0.95	1	1	13.387378
HS20_str_opr	BOBJ1	202.16	Before	Right Exterior Girder	31.95	0.95	1	1	22.65016
HS20_str_opr	BOBJ1	202.16	After	Left Exterior Girder	31.95	0.95	1	1	30.949948
HS20_str_opr	BOBJ1	202.16	After	Interior Girder 1	31.95	0.95	1	1	13.017899
HS20_str_opr	BOBJ1	202.16	After	Interior Girder 2	31.95	0.95	1	1	11.399639
HS20_str_opr	BOBJ1	202.16	After	Interior Girder 3	31.95	0.95	1	1	9.673316
HS20_str_opr	BOBJ1	202.16	After	Interior Girder 4	31.95	0.95	1	1	9.673316
HS20_str_opr	BOBJ1	202.16	After	Interior Girder 5	31.95	0.95	1	1	11.399639
HS20_str_opr	BOBJ1	202.16	After	Interior Girder 6	31.95	0.95	1	1	13.017899
HS20_str_opr	BOBJ1	202.16	After	Right Exterior Girder	31.95	0.95	1	1	30.949948
HS20_str_opr	BOBJ1	208.55	Before	Left Exterior Girder	38.34	0.95	1	1	30.612099
HS20_str_opr	BOBJ1	208.55	Before	Interior Girder 1	38.34	0.95	1	1	12.815564
HS20_str_opr	BOBJ1	208.55	Before	Interior Girder 2	38.34	0.95	1	1	11.2217
HS20_str_opr	BOBJ1	208.55	Before	Interior Girder 3	38.34	0.95	1	1	9.522296
HS20_str_opr	BOBJ1	208.55	Before	Interior Girder 4	38.34	0.95	1	1	9.522296
HS20_str_opr	BOBJ1	208.55	Before	Interior Girder 5	38.34	0.95	1	1	11.2217
HS20_str_opr	BOBJ1	208.55	Before	Interior Girder 6	38.34	0.95	1	1	12.815564
HS20_str_opr	BOBJ1	208.55	Before	Right Exterior Girder	38.34	0.95	1	1	30.612099
HS20_str_opr	BOBJ1	208.55	After	Left Exterior Girder	38.34	0.95	1	1	16.339407
HS20_str_opr	BOBJ1	208.55	After	Interior Girder 1	38.34	0.95	1	1	14.216629
HS20_str_opr	BOBJ1	208.55	After	Interior Girder 2	38.34	0.95	1	1	12.758119
HS20_str_opr	BOBJ1	208.55	After	Interior Girder 3	38.34	0.95	1	1	12.319574
HS20_str_opr	BOBJ1	208.55	After	Interior Girder 4	38.34	0.95	1	1	12.319574
HS20_str_opr	BOBJ1	208.55	After	Interior Girder 5	38.34	0.95	1	1	12.758119
HS20_str_opr	BOBJ1	208.55	After	Interior Girder 6	38.34	0.95	1	1	14.216629
HS20_str_opr	BOBJ1	208.55	After	Right Exterior Girder	38.34	0.95	1	1	16.339407
HS20_str_opr	BOBJ1	215.1233	Before	Left Exterior Girder	44.9133	0.95	1	1	16.151342
HS20_str_opr	BOBJ1	215.1233	Before	Interior Girder 1	44.9133	0.95	1	1	13.981892
HS20_str_opr	BOBJ1	215.1233	Before	Interior Girder 2	44.9133	0.95	1	1	12.548806
HS20_str_opr	BOBJ1	215.1233	Before	Interior Girder 3	44.9133	0.95	1	1	12.11713
HS20_str_opr	BOBJ1	215.1233	Before	Interior Girder 4	44.9133	0.95	1	1	12.11713
HS20_str_opr	BOBJ1	215.1233	Before	Interior Girder 5	44.9133	0.95	1	1	12.548806
HS20_str_opr	BOBJ1	215.1233	Before	Interior Girder 6	44.9133	0.95	1	1	13.981892
HS20_str_opr	BOBJ1	215.1233	Before	Right Exterior Girder	44.9133	0.95	1	1	16.151342
HS20_str_opr	BOBJ1	215.1233	After	Left Exterior Girder	44.9133	0.95	1	1	13.275049
HS20_str_opr	BOBJ1	215.1233	After	Interior Girder 1	44.9133	0.95	1	1	9.894324
HS20_str_opr	BOBJ1	215.1233	After	Interior Girder 2	44.9133	0.95	1	1	8.997676
HS20_str_opr	BOBJ1	215.1233	After	Interior Girder 3	44.9133	0.95	1	1	8.531959
HS20_str_opr	BOBJ1	215.1233	After	Interior Girder 4	44.9133	0.95	1	1	8.531959
HS20_str_opr	BOBJ1	215.1233	After	Interior Girder 5	44.9133	0.95	1	1	8.997676
HS20_str_opr	BOBJ1	215.1233	After	Interior Girder 6	44.9133	0.95	1	1	9.894324
HS20_str_opr	BOBJ1	215.1233	After	Right Exterior Girder	44.9133	0.95	1	1	13.275049
HS20_str_opr	BOBJ1	221.6967	Before	Left Exterior Girder	51.4867	0.95	1	1	13.117066
HS20_str_opr	BOBJ1	221.6967	Before	Interior Girder 1	51.4867	0.95	1	1	9.72737
HS20_str_opr	BOBJ1	221.6967	Before	Interior Girder 2	51.4867	0.95	1	1	8.846661
HS20_str_opr	BOBJ1	221.6967	Before	Interior Girder 3	51.4867	0.95	1	1	8.388494
HS20_str_opr	BOBJ1	221.6967	Before	Interior Girder 4	51.4867	0.95	1	1	8.388494
HS20_str_opr	BOBJ1	221.6967	Before	Interior Girder 5	51.4867	0.95	1	1	8.846661
HS20_str_opr	BOBJ1	221.6967	Before	Interior Girder 6	51.4867	0.95	1	1	9.72737
HS20_str_opr	BOBJ1	221.6967	Before	Right Exterior Girder	51.4867	0.95	1	1	13.117066
HS20_str_opr	BOBJ1	221.6967	After	Left Exterior Girder	51.4867	0.95	1	1	11.206836
HS20_str_opr	BOBJ1	221.6967	After	Interior Girder 1	51.4867	0.95	1	1	7.087468
HS20_str_opr	BOBJ1	221.6967	After	Interior Girder 2	51.4867	0.95	1	1	6.594286
HS20_str_opr	BOBJ1	221.6967	After	Interior Girder 3	51.4867	0.95	1	1	5.796561
HS20_str_opr	BOBJ1	221.6967	After	Interior Girder 4	51.4867	0.95	1	1	5.796561

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Approach, Span 16-19									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
HS20_str_opr	BOBJ1	221.6967	After	Interior Girder 5	51.4867	0.95	1	1	6.594286
HS20_str_opr	BOBJ1	221.6967	After	Interior Girder 6	51.4867	0.95	1	1	7.087468
HS20_str_opr	BOBJ1	221.6967	After	Right Exterior Girder	51.4867	0.95	1	1	11.206836
HS20_str_opr	BOBJ1	228.27	Before	Left Exterior Girder	58.06	0.95	1	1	11.06862
HS20_str_opr	BOBJ1	228.27	Before	Interior Girder 1	58.06	0.95	1	1	6.965337
HS20_str_opr	BOBJ1	228.27	Before	Interior Girder 2	58.06	0.95	1	1	6.481075
HS20_str_opr	BOBJ1	228.27	Before	Interior Girder 3	58.06	0.95	1	1	5.696705
HS20_str_opr	BOBJ1	228.27	Before	Interior Girder 4	58.06	0.95	1	1	5.696705
HS20_str_opr	BOBJ1	228.27	Before	Interior Girder 5	58.06	0.95	1	1	6.481075
HS20_str_opr	BOBJ1	228.27	Before	Interior Girder 6	58.06	0.95	1	1	6.965337
HS20_str_opr	BOBJ1	228.27	Before	Right Exterior Girder	58.06	0.95	1	1	11.06862
HS20_str_inv	BOBJ1	0	After	Left Exterior Girder	0	0.95	1	1	7.834929
HS20_str_inv	BOBJ1	0	After	Interior Girder 1	0	0.95	1	1	4.897085
HS20_str_inv	BOBJ1	0	After	Interior Girder 2	0	0.95	1	1	4.572236
HS20_str_inv	BOBJ1	0	After	Interior Girder 3	0	0.95	1	1	3.937585
HS20_str_inv	BOBJ1	0	After	Interior Girder 4	0	0.95	1	1	3.937585
HS20_str_inv	BOBJ1	0	After	Interior Girder 5	0	0.95	1	1	4.572236
HS20_str_inv	BOBJ1	0	After	Interior Girder 6	0	0.95	1	1	4.897085
HS20_str_inv	BOBJ1	0	After	Right Exterior Girder	0	0.95	1	1	7.834929
HS20_str_inv	BOBJ1	5.3833	Before	Left Exterior Girder	5.3833	0.95	1	1	7.924476
HS20_str_inv	BOBJ1	5.3833	Before	Interior Girder 1	5.3833	0.95	1	1	4.973907
HS20_str_inv	BOBJ1	5.3833	Before	Interior Girder 2	5.3833	0.95	1	1	4.643727
HS20_str_inv	BOBJ1	5.3833	Before	Interior Girder 3	5.3833	0.95	1	1	3.999451
HS20_str_inv	BOBJ1	5.3833	Before	Interior Girder 4	5.3833	0.95	1	1	3.999451
HS20_str_inv	BOBJ1	5.3833	Before	Interior Girder 5	5.3833	0.95	1	1	4.643727
HS20_str_inv	BOBJ1	5.3833	Before	Interior Girder 6	5.3833	0.95	1	1	4.973907
HS20_str_inv	BOBJ1	5.3833	Before	Right Exterior Girder	5.3833	0.95	1	1	7.924476
HS20_str_inv	BOBJ1	5.3833	After	Left Exterior Girder	5.3833	0.95	1	1	9.552847
HS20_str_inv	BOBJ1	5.3833	After	Interior Girder 1	5.3833	0.95	1	1	6.870981
HS20_str_inv	BOBJ1	5.3833	After	Interior Girder 2	5.3833	0.95	1	1	6.221805
HS20_str_inv	BOBJ1	5.3833	After	Interior Girder 3	5.3833	0.95	1	1	5.801713
HS20_str_inv	BOBJ1	5.3833	After	Interior Girder 4	5.3833	0.95	1	1	5.801713
HS20_str_inv	BOBJ1	5.3833	After	Interior Girder 5	5.3833	0.95	1	1	6.221805
HS20_str_inv	BOBJ1	5.3833	After	Interior Girder 6	5.3833	0.95	1	1	6.870981
HS20_str_inv	BOBJ1	5.3833	After	Right Exterior Girder	5.3833	0.95	1	1	9.552847
HS20_str_inv	BOBJ1	10.7667	Before	Left Exterior Girder	10.7667	0.95	1	1	9.658318
HS20_str_inv	BOBJ1	10.7667	Before	Interior Girder 1	10.7667	0.95	1	1	6.976713
HS20_str_inv	BOBJ1	10.7667	Before	Interior Girder 2	10.7667	0.95	1	1	6.317041
HS20_str_inv	BOBJ1	10.7667	Before	Interior Girder 3	10.7667	0.95	1	1	5.890885
HS20_str_inv	BOBJ1	10.7667	Before	Interior Girder 4	10.7667	0.95	1	1	5.890885
HS20_str_inv	BOBJ1	10.7667	Before	Interior Girder 5	10.7667	0.95	1	1	6.317041
HS20_str_inv	BOBJ1	10.7667	Before	Interior Girder 6	10.7667	0.95	1	1	6.976713
HS20_str_inv	BOBJ1	10.7667	Before	Right Exterior Girder	10.7667	0.95	1	1	9.658318
HS20_str_inv	BOBJ1	10.7667	After	Left Exterior Girder	10.7667	0.95	1	1	12.103352
HS20_str_inv	BOBJ1	10.7667	After	Interior Girder 1	10.7667	0.95	1	1	9.888512
HS20_str_inv	BOBJ1	10.7667	After	Interior Girder 2	10.7667	0.95	1	1	8.779275
HS20_str_inv	BOBJ1	10.7667	After	Interior Girder 3	10.7667	0.95	1	1	8.388262
HS20_str_inv	BOBJ1	10.7667	After	Interior Girder 4	10.7667	0.95	1	1	8.388262
HS20_str_inv	BOBJ1	10.7667	After	Interior Girder 5	10.7667	0.95	1	1	8.779275
HS20_str_inv	BOBJ1	10.7667	After	Interior Girder 6	10.7667	0.95	1	1	9.888512
HS20_str_inv	BOBJ1	10.7667	After	Right Exterior Girder	10.7667	0.95	1	1	12.103352
HS20_str_inv	BOBJ1	16.15	Before	Left Exterior Girder	16.15	0.95	1	1	12.232684
HS20_str_inv	BOBJ1	16.15	Before	Interior Girder 1	16.15	0.95	1	1	10.037694
HS20_str_inv	BOBJ1	16.15	Before	Interior Girder 2	16.15	0.95	1	1	8.910878
HS20_str_inv	BOBJ1	16.15	Before	Interior Girder 3	16.15	0.95	1	1	8.514478
HS20_str_inv	BOBJ1	16.15	Before	Interior Girder 4	16.15	0.95	1	1	8.514478
HS20_str_inv	BOBJ1	16.15	Before	Interior Girder 5	16.15	0.95	1	1	8.910878
HS20_str_inv	BOBJ1	16.15	Before	Interior Girder 6	16.15	0.95	1	1	10.037694
HS20_str_inv	BOBJ1	16.15	Before	Right Exterior Girder	16.15	0.95	1	1	12.232684
HS20_str_inv	BOBJ1	16.15	After	Left Exterior Girder	16.15	0.95	1	1	22.550269
HS20_str_inv	BOBJ1	16.15	After	Interior Girder 1	16.15	0.95	1	1	9.78836
HS20_str_inv	BOBJ1	16.15	After	Interior Girder 2	16.15	0.95	1	1	8.504316
HS20_str_inv	BOBJ1	16.15	After	Interior Girder 3	16.15	0.95	1	1	7.207821
HS20_str_inv	BOBJ1	16.15	After	Interior Girder 4	16.15	0.95	1	1	7.207821
HS20_str_inv	BOBJ1	16.15	After	Interior Girder 5	16.15	0.95	1	1	8.504316

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Approach, Span 16-19									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
HS20_str_inv	BOBJ1	16.15	After	Interior Girder 6	16.15	0.95	1	1	9.78836
HS20_str_inv	BOBJ1	16.15	After	Right Exterior Girder	16.15	0.95	1	1	22.550269
HS20_str_inv	BOBJ1	22.1267	Before	Left Exterior Girder	22.1267	0.95	1	1	22.283223
HS20_str_inv	BOBJ1	22.1267	Before	Interior Girder 1	22.1267	0.95	1	1	9.947346
HS20_str_inv	BOBJ1	22.1267	Before	Interior Girder 2	22.1267	0.95	1	1	8.643211
HS20_str_inv	BOBJ1	22.1267	Before	Interior Girder 3	22.1267	0.95	1	1	7.325483
HS20_str_inv	BOBJ1	22.1267	Before	Interior Girder 4	22.1267	0.95	1	1	7.325483
HS20_str_inv	BOBJ1	22.1267	Before	Interior Girder 5	22.1267	0.95	1	1	8.643211
HS20_str_inv	BOBJ1	22.1267	Before	Interior Girder 6	22.1267	0.95	1	1	9.947346
HS20_str_inv	BOBJ1	22.1267	Before	Right Exterior Girder	22.1267	0.95	1	1	22.283223
HS20_str_inv	BOBJ1	22.1267	After	Left Exterior Girder	22.1267	0.95	1	1	14.302389
HS20_str_inv	BOBJ1	22.1267	After	Interior Girder 1	22.1267	0.95	1	1	8.829602
HS20_str_inv	BOBJ1	22.1267	After	Interior Girder 2	22.1267	0.95	1	1	8.088832
HS20_str_inv	BOBJ1	22.1267	After	Interior Girder 3	22.1267	0.95	1	1	6.957663
HS20_str_inv	BOBJ1	22.1267	After	Interior Girder 4	22.1267	0.95	1	1	6.957663
HS20_str_inv	BOBJ1	22.1267	After	Interior Girder 5	22.1267	0.95	1	1	8.088832
HS20_str_inv	BOBJ1	22.1267	After	Interior Girder 6	22.1267	0.95	1	1	8.829602
HS20_str_inv	BOBJ1	22.1267	After	Right Exterior Girder	22.1267	0.95	1	1	14.302389
HS20_str_inv	BOBJ1	28.1033	Before	Left Exterior Girder	28.1033	0.95	1	1	14.126772
HS20_str_inv	BOBJ1	28.1033	Before	Interior Girder 1	28.1033	0.95	1	1	8.67977
HS20_str_inv	BOBJ1	28.1033	Before	Interior Girder 2	28.1033	0.95	1	1	7.95216
HS20_str_inv	BOBJ1	28.1033	Before	Interior Girder 3	28.1033	0.95	1	1	6.840037
HS20_str_inv	BOBJ1	28.1033	Before	Interior Girder 4	28.1033	0.95	1	1	6.840037
HS20_str_inv	BOBJ1	28.1033	Before	Interior Girder 5	28.1033	0.95	1	1	7.95216
HS20_str_inv	BOBJ1	28.1033	Before	Interior Girder 6	28.1033	0.95	1	1	8.67977
HS20_str_inv	BOBJ1	28.1033	Before	Right Exterior Girder	28.1033	0.95	1	1	14.126772
HS20_str_inv	BOBJ1	28.1033	After	Left Exterior Girder	28.1033	0.95	1	1	10.527155
HS20_str_inv	BOBJ1	28.1033	After	Interior Girder 1	28.1033	0.95	1	1	6.076973
HS20_str_inv	BOBJ1	28.1033	After	Interior Girder 2	28.1033	0.95	1	1	5.523556
HS20_str_inv	BOBJ1	28.1033	After	Interior Girder 3	28.1033	0.95	1	1	4.70493
HS20_str_inv	BOBJ1	28.1033	After	Interior Girder 4	28.1033	0.95	1	1	4.70493
HS20_str_inv	BOBJ1	28.1033	After	Interior Girder 5	28.1033	0.95	1	1	5.523556
HS20_str_inv	BOBJ1	28.1033	After	Interior Girder 6	28.1033	0.95	1	1	6.076973
HS20_str_inv	BOBJ1	28.1033	After	Right Exterior Girder	28.1033	0.95	1	1	10.527155
HS20_str_inv	BOBJ1	34.08	Before	Left Exterior Girder	34.08	0.95	1	1	10.39287
HS20_str_inv	BOBJ1	34.08	Before	Interior Girder 1	34.08	0.95	1	1	5.971577
HS20_str_inv	BOBJ1	34.08	Before	Interior Girder 2	34.08	0.95	1	1	5.428025
HS20_str_inv	BOBJ1	34.08	Before	Interior Girder 3	34.08	0.95	1	1	4.623438
HS20_str_inv	BOBJ1	34.08	Before	Interior Girder 4	34.08	0.95	1	1	4.623438
HS20_str_inv	BOBJ1	34.08	Before	Interior Girder 5	34.08	0.95	1	1	5.428025
HS20_str_inv	BOBJ1	34.08	Before	Interior Girder 6	34.08	0.95	1	1	5.971577
HS20_str_inv	BOBJ1	34.08	Before	Right Exterior Girder	34.08	0.95	1	1	10.39287
HS20_str_inv	BOBJ1	34.08	After	Left Exterior Girder	34.08	0.95	1	1	6.750377
HS20_str_inv	BOBJ1	34.08	After	Interior Girder 1	34.08	0.95	1	1	5.553608
HS20_str_inv	BOBJ1	34.08	After	Interior Girder 2	34.08	0.95	1	1	5.043477
HS20_str_inv	BOBJ1	34.08	After	Interior Girder 3	34.08	0.95	1	1	4.499134
HS20_str_inv	BOBJ1	34.08	After	Interior Girder 4	34.08	0.95	1	1	4.499134
HS20_str_inv	BOBJ1	34.08	After	Interior Girder 5	34.08	0.95	1	1	5.043477
HS20_str_inv	BOBJ1	34.08	After	Interior Girder 6	34.08	0.95	1	1	5.553608
HS20_str_inv	BOBJ1	34.08	After	Right Exterior Girder	34.08	0.95	1	1	6.750377
HS20_str_inv	BOBJ1	39.855	Before	Left Exterior Girder	39.855	0.95	1	1	6.663452
HS20_str_inv	BOBJ1	39.855	Before	Interior Girder 1	39.855	0.95	1	1	5.458399
HS20_str_inv	BOBJ1	39.855	Before	Interior Girder 2	39.855	0.95	1	1	4.958017
HS20_str_inv	BOBJ1	39.855	Before	Interior Girder 3	39.855	0.95	1	1	4.421078
HS20_str_inv	BOBJ1	39.855	Before	Interior Girder 4	39.855	0.95	1	1	4.421078
HS20_str_inv	BOBJ1	39.855	Before	Interior Girder 5	39.855	0.95	1	1	4.958017
HS20_str_inv	BOBJ1	39.855	Before	Interior Girder 6	39.855	0.95	1	1	5.458399
HS20_str_inv	BOBJ1	39.855	Before	Right Exterior Girder	39.855	0.95	1	1	6.663452
HS20_str_inv	BOBJ1	39.855	After	Left Exterior Girder	39.855	0.95	1	1	3.986273
HS20_str_inv	BOBJ1	39.855	After	Interior Girder 1	39.855	0.95	1	1	5.217327
HS20_str_inv	BOBJ1	39.855	After	Interior Girder 2	39.855	0.95	1	1	3.851606
HS20_str_inv	BOBJ1	39.855	After	Interior Girder 3	39.855	0.95	1	1	3.160633
HS20_str_inv	BOBJ1	39.855	After	Interior Girder 4	39.855	0.95	1	1	3.160633
HS20_str_inv	BOBJ1	39.855	After	Interior Girder 5	39.855	0.95	1	1	3.851606
HS20_str_inv	BOBJ1	39.855	After	Interior Girder 6	39.855	0.95	1	1	5.217327

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Approach, Span 16-19									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
HS20_str_inv	BOBJ1	39.855	After	Right Exterior Girder	39.855	0.95	1	1	3.986273
HS20_str_inv	BOBJ1	40.0288	Before	Left Exterior Girder	40.0288	0.95	1	1	3.984561
HS20_str_inv	BOBJ1	40.0288	Before	Right Exterior Girder	40.0288	0.95	1	1	3.984561
HS20_str_inv	BOBJ1	40.0288	After	Left Exterior Girder	40.0288	0.95	1	1	5.785569
HS20_str_inv	BOBJ1	40.0288	After	Right Exterior Girder	40.0288	0.95	1	1	5.785569
HS20_str_inv	BOBJ1	45.63	Before	Left Exterior Girder	45.63	0.95	1	1	5.705896
HS20_str_inv	BOBJ1	45.63	Before	Interior Girder 1	45.63	0.95	1	1	4.071756
HS20_str_inv	BOBJ1	45.63	Before	Interior Girder 2	45.63	0.95	1	1	3.784936
HS20_str_inv	BOBJ1	45.63	Before	Interior Girder 3	45.63	0.95	1	1	3.104317
HS20_str_inv	BOBJ1	45.63	Before	Interior Girder 4	45.63	0.95	1	1	3.104317
HS20_str_inv	BOBJ1	45.63	Before	Interior Girder 5	45.63	0.95	1	1	3.784936
HS20_str_inv	BOBJ1	45.63	Before	Interior Girder 6	45.63	0.95	1	1	4.071756
HS20_str_inv	BOBJ1	45.63	Before	Right Exterior Girder	45.63	0.95	1	1	5.705896
HS20_str_inv	BOBJ1	45.63	After	Left Exterior Girder	0	0.95	1	1	4.799986
HS20_str_inv	BOBJ1	45.63	After	Interior Girder 1	0	0.95	1	1	3.815352
HS20_str_inv	BOBJ1	45.63	After	Interior Girder 2	0	0.95	1	1	3.515902
HS20_str_inv	BOBJ1	45.63	After	Interior Girder 3	0	0.95	1	1	2.949752
HS20_str_inv	BOBJ1	45.63	After	Interior Girder 4	0	0.95	1	1	2.949752
HS20_str_inv	BOBJ1	45.63	After	Interior Girder 5	0	0.95	1	1	3.515902
HS20_str_inv	BOBJ1	45.63	After	Interior Girder 6	0	0.95	1	1	3.815352
HS20_str_inv	BOBJ1	45.63	After	Right Exterior Girder	0	0.95	1	1	4.799986
HS20_str_inv	BOBJ1	50.6298	Before	Left Exterior Girder	4.9998	0.95	1	1	4.861097
HS20_str_inv	BOBJ1	50.6298	Before	Right Exterior Girder	4.9998	0.95	1	1	4.861097
HS20_str_inv	BOBJ1	50.6298	After	Left Exterior Girder	4.9998	0.95	1	1	3.629406
HS20_str_inv	BOBJ1	50.6298	After	Right Exterior Girder	4.9998	0.95	1	1	3.629406
HS20_str_inv	BOBJ1	51.4	Before	Left Exterior Girder	5.77	0.95	1	1	3.63642
HS20_str_inv	BOBJ1	51.4	Before	Interior Girder 1	5.77	0.95	1	1	4.585654
HS20_str_inv	BOBJ1	51.4	Before	Interior Girder 2	5.77	0.95	1	1	3.578837
HS20_str_inv	BOBJ1	51.4	Before	Interior Girder 3	5.77	0.95	1	1	3.004126
HS20_str_inv	BOBJ1	51.4	Before	Interior Girder 4	5.77	0.95	1	1	3.004126
HS20_str_inv	BOBJ1	51.4	Before	Interior Girder 5	5.77	0.95	1	1	3.578837
HS20_str_inv	BOBJ1	51.4	Before	Interior Girder 6	5.77	0.95	1	1	4.585654
HS20_str_inv	BOBJ1	51.4	Before	Right Exterior Girder	5.77	0.95	1	1	3.63642
HS20_str_inv	BOBJ1	51.4	After	Left Exterior Girder	5.77	0.95	1	1	5.28343
HS20_str_inv	BOBJ1	51.4	After	Interior Girder 1	5.77	0.95	1	1	4.840859
HS20_str_inv	BOBJ1	51.4	After	Interior Girder 2	5.77	0.95	1	1	4.440654
HS20_str_inv	BOBJ1	51.4	After	Interior Girder 3	5.77	0.95	1	1	3.980088
HS20_str_inv	BOBJ1	51.4	After	Interior Girder 4	5.77	0.95	1	1	3.980088
HS20_str_inv	BOBJ1	51.4	After	Interior Girder 5	5.77	0.95	1	1	4.440654
HS20_str_inv	BOBJ1	51.4	After	Interior Girder 6	5.77	0.95	1	1	4.840859
HS20_str_inv	BOBJ1	51.4	After	Right Exterior Girder	5.77	0.95	1	1	5.28343
HS20_str_inv	BOBJ1	57.17	Before	Left Exterior Girder	11.54	0.95	1	1	5.353665
HS20_str_inv	BOBJ1	57.17	Before	Interior Girder 1	11.54	0.95	1	1	4.926641
HS20_str_inv	BOBJ1	57.17	Before	Interior Girder 2	11.54	0.95	1	1	4.518402
HS20_str_inv	BOBJ1	57.17	Before	Interior Girder 3	11.54	0.95	1	1	4.051457
HS20_str_inv	BOBJ1	57.17	Before	Interior Girder 4	11.54	0.95	1	1	4.051457
HS20_str_inv	BOBJ1	57.17	Before	Interior Girder 5	11.54	0.95	1	1	4.518402
HS20_str_inv	BOBJ1	57.17	Before	Interior Girder 6	11.54	0.95	1	1	4.926641
HS20_str_inv	BOBJ1	57.17	Before	Right Exterior Girder	11.54	0.95	1	1	5.353665
HS20_str_inv	BOBJ1	57.17	After	Left Exterior Girder	11.54	0.95	1	1	7.549474
HS20_str_inv	BOBJ1	57.17	After	Interior Girder 1	11.54	0.95	1	1	4.968397
HS20_str_inv	BOBJ1	57.17	After	Interior Girder 2	11.54	0.95	1	1	4.696636
HS20_str_inv	BOBJ1	57.17	After	Interior Girder 3	11.54	0.95	1	1	4.147064
HS20_str_inv	BOBJ1	57.17	After	Interior Girder 4	11.54	0.95	1	1	4.147064
HS20_str_inv	BOBJ1	57.17	After	Interior Girder 5	11.54	0.95	1	1	4.696636
HS20_str_inv	BOBJ1	57.17	After	Interior Girder 6	11.54	0.95	1	1	4.968397
HS20_str_inv	BOBJ1	57.17	After	Right Exterior Girder	11.54	0.95	1	1	7.549474
HS20_str_inv	BOBJ1	63.34	Before	Left Exterior Girder	17.71	0.95	1	1	7.652025
HS20_str_inv	BOBJ1	63.34	Before	Interior Girder 1	17.71	0.95	1	1	5.060556
HS20_str_inv	BOBJ1	63.34	Before	Interior Girder 2	17.71	0.95	1	1	4.783325
HS20_str_inv	BOBJ1	63.34	Before	Interior Girder 3	17.71	0.95	1	1	4.223645
HS20_str_inv	BOBJ1	63.34	Before	Interior Girder 4	17.71	0.95	1	1	4.223645
HS20_str_inv	BOBJ1	63.34	Before	Interior Girder 5	17.71	0.95	1	1	4.783325
HS20_str_inv	BOBJ1	63.34	Before	Interior Girder 6	17.71	0.95	1	1	5.060556
HS20_str_inv	BOBJ1	63.34	Before	Right Exterior Girder	17.71	0.95	1	1	7.652025

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Approach, Span 16-19									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
HS20_str_inv	BOBJ1	63.34	After	Left Exterior Girder	17.71	0.95	1	1	8.834409
HS20_str_inv	BOBJ1	63.34	After	Interior Girder 1	17.71	0.95	1	1	6.57749
HS20_str_inv	BOBJ1	63.34	After	Interior Girder 2	17.71	0.95	1	1	6.142775
HS20_str_inv	BOBJ1	63.34	After	Interior Girder 3	17.71	0.95	1	1	5.780455
HS20_str_inv	BOBJ1	63.34	After	Interior Girder 4	17.71	0.95	1	1	5.780455
HS20_str_inv	BOBJ1	63.34	After	Interior Girder 5	17.71	0.95	1	1	6.142775
HS20_str_inv	BOBJ1	63.34	After	Interior Girder 6	17.71	0.95	1	1	6.57749
HS20_str_inv	BOBJ1	63.34	After	Right Exterior Girder	17.71	0.95	1	1	8.834409
HS20_str_inv	BOBJ1	69.51	Before	Left Exterior Girder	23.88	0.95	1	1	8.949652
HS20_str_inv	BOBJ1	69.51	Before	Interior Girder 1	23.88	0.95	1	1	6.696691
HS20_str_inv	BOBJ1	69.51	Before	Interior Girder 2	23.88	0.95	1	1	6.253363
HS20_str_inv	BOBJ1	69.51	Before	Interior Girder 3	23.88	0.95	1	1	5.884476
HS20_str_inv	BOBJ1	69.51	Before	Interior Girder 4	23.88	0.95	1	1	5.884476
HS20_str_inv	BOBJ1	69.51	Before	Interior Girder 5	23.88	0.95	1	1	6.253363
HS20_str_inv	BOBJ1	69.51	Before	Interior Girder 6	23.88	0.95	1	1	6.696691
HS20_str_inv	BOBJ1	69.51	Before	Right Exterior Girder	23.88	0.95	1	1	8.949652
HS20_str_inv	BOBJ1	69.51	After	Left Exterior Girder	23.88	0.95	1	1	10.663119
HS20_str_inv	BOBJ1	69.51	After	Interior Girder 1	23.88	0.95	1	1	9.120259
HS20_str_inv	BOBJ1	69.51	After	Interior Girder 2	23.88	0.95	1	1	8.381087
HS20_str_inv	BOBJ1	69.51	After	Interior Girder 3	23.88	0.95	1	1	7.759365
HS20_str_inv	BOBJ1	69.51	After	Interior Girder 4	23.88	0.95	1	1	7.759365
HS20_str_inv	BOBJ1	69.51	After	Interior Girder 5	23.88	0.95	1	1	8.381087
HS20_str_inv	BOBJ1	69.51	After	Interior Girder 6	23.88	0.95	1	1	9.120259
HS20_str_inv	BOBJ1	69.51	After	Right Exterior Girder	23.88	0.95	1	1	10.663119
HS20_str_inv	BOBJ1	75.68	Before	Left Exterior Girder	30.05	0.95	1	1	10.796999
HS20_str_inv	BOBJ1	75.68	Before	Interior Girder 1	30.05	0.95	1	1	9.281712
HS20_str_inv	BOBJ1	75.68	Before	Interior Girder 2	30.05	0.95	1	1	8.528267
HS20_str_inv	BOBJ1	75.68	Before	Interior Girder 3	30.05	0.95	1	1	7.632218
HS20_str_inv	BOBJ1	75.68	Before	Interior Girder 4	30.05	0.95	1	1	7.632218
HS20_str_inv	BOBJ1	75.68	Before	Interior Girder 5	30.05	0.95	1	1	8.528267
HS20_str_inv	BOBJ1	75.68	Before	Interior Girder 6	30.05	0.95	1	1	9.281712
HS20_str_inv	BOBJ1	75.68	Before	Right Exterior Girder	30.05	0.95	1	1	10.796999
HS20_str_inv	BOBJ1	75.68	After	Left Exterior Girder	30.05	0.95	1	1	17.36394
HS20_str_inv	BOBJ1	75.68	After	Interior Girder 1	30.05	0.95	1	1	8.482861
HS20_str_inv	BOBJ1	75.68	After	Interior Girder 2	30.05	0.95	1	1	7.376175
HS20_str_inv	BOBJ1	75.68	After	Interior Girder 3	30.05	0.95	1	1	6.253071
HS20_str_inv	BOBJ1	75.68	After	Interior Girder 4	30.05	0.95	1	1	6.253071
HS20_str_inv	BOBJ1	75.68	After	Interior Girder 5	30.05	0.95	1	1	7.376175
HS20_str_inv	BOBJ1	75.68	After	Interior Girder 6	30.05	0.95	1	1	8.482861
HS20_str_inv	BOBJ1	75.68	After	Right Exterior Girder	30.05	0.95	1	1	17.36394
HS20_str_inv	BOBJ1	81.8467	Before	Left Exterior Girder	36.2167	0.95	1	1	17.157111
HS20_str_inv	BOBJ1	81.8467	Before	Interior Girder 1	36.2167	0.95	1	1	8.627444
HS20_str_inv	BOBJ1	81.8467	Before	Interior Girder 2	36.2167	0.95	1	1	7.502437
HS20_str_inv	BOBJ1	81.8467	Before	Interior Girder 3	36.2167	0.95	1	1	6.360139
HS20_str_inv	BOBJ1	81.8467	Before	Interior Girder 4	36.2167	0.95	1	1	6.360139
HS20_str_inv	BOBJ1	81.8467	Before	Interior Girder 5	36.2167	0.95	1	1	7.502437
HS20_str_inv	BOBJ1	81.8467	Before	Interior Girder 6	36.2167	0.95	1	1	8.627444
HS20_str_inv	BOBJ1	81.8467	Before	Right Exterior Girder	36.2167	0.95	1	1	17.157111
HS20_str_inv	BOBJ1	81.8467	After	Left Exterior Girder	36.2167	0.95	1	1	13.151903
HS20_str_inv	BOBJ1	81.8467	After	Interior Girder 1	36.2167	0.95	1	1	8.590557
HS20_str_inv	BOBJ1	81.8467	After	Interior Girder 2	36.2167	0.95	1	1	7.923463
HS20_str_inv	BOBJ1	81.8467	After	Interior Girder 3	36.2167	0.95	1	1	7.128532
HS20_str_inv	BOBJ1	81.8467	After	Interior Girder 4	36.2167	0.95	1	1	7.128532
HS20_str_inv	BOBJ1	81.8467	After	Interior Girder 5	36.2167	0.95	1	1	7.923463
HS20_str_inv	BOBJ1	81.8467	After	Interior Girder 6	36.2167	0.95	1	1	8.590557
HS20_str_inv	BOBJ1	81.8467	After	Right Exterior Girder	36.2167	0.95	1	1	13.151903
HS20_str_inv	BOBJ1	88.0133	Before	Left Exterior Girder	42.3833	0.95	1	1	12.989487
HS20_str_inv	BOBJ1	88.0133	Before	Interior Girder 1	42.3833	0.95	1	1	8.442597
HS20_str_inv	BOBJ1	88.0133	Before	Interior Girder 2	42.3833	0.95	1	1	7.787371
HS20_str_inv	BOBJ1	88.0133	Before	Interior Girder 3	42.3833	0.95	1	1	7.006188
HS20_str_inv	BOBJ1	88.0133	Before	Interior Girder 4	42.3833	0.95	1	1	7.006188
HS20_str_inv	BOBJ1	88.0133	Before	Interior Girder 5	42.3833	0.95	1	1	7.787371
HS20_str_inv	BOBJ1	88.0133	Before	Interior Girder 6	42.3833	0.95	1	1	8.442597
HS20_str_inv	BOBJ1	88.0133	Before	Right Exterior Girder	42.3833	0.95	1	1	12.989487
HS20_str_inv	BOBJ1	88.0133	After	Left Exterior Girder	42.3833	0.95	1	1	10.559331

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Approach, Span 16-19									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
HS20_str_inv	BOBJ1	88.0133	After	Interior Girder 1	42.3833	0.95	1	1	6.198463
HS20_str_inv	BOBJ1	88.0133	After	Interior Girder 2	42.3833	0.95	1	1	5.741199
HS20_str_inv	BOBJ1	88.0133	After	Interior Girder 3	42.3833	0.95	1	1	4.966172
HS20_str_inv	BOBJ1	88.0133	After	Interior Girder 4	42.3833	0.95	1	1	4.966172
HS20_str_inv	BOBJ1	88.0133	After	Interior Girder 5	42.3833	0.95	1	1	5.741199
HS20_str_inv	BOBJ1	88.0133	After	Interior Girder 6	42.3833	0.95	1	1	6.198463
HS20_str_inv	BOBJ1	88.0133	After	Right Exterior Girder	42.3833	0.95	1	1	10.559331
HS20_str_inv	BOBJ1	94.18	Before	Left Exterior Girder	48.55	0.95	1	1	10.423907
HS20_str_inv	BOBJ1	94.18	Before	Interior Girder 1	48.55	0.95	1	1	6.089268
HS20_str_inv	BOBJ1	94.18	Before	Interior Girder 2	48.55	0.95	1	1	5.640174
HS20_str_inv	BOBJ1	94.18	Before	Interior Girder 3	48.55	0.95	1	1	4.87885
HS20_str_inv	BOBJ1	94.18	Before	Interior Girder 4	48.55	0.95	1	1	4.87885
HS20_str_inv	BOBJ1	94.18	Before	Interior Girder 5	48.55	0.95	1	1	5.640174
HS20_str_inv	BOBJ1	94.18	Before	Interior Girder 6	48.55	0.95	1	1	6.089268
HS20_str_inv	BOBJ1	94.18	Before	Right Exterior Girder	48.55	0.95	1	1	10.423907
HS20_str_inv	BOBJ1	94.18	After	Left Exterior Girder	48.55	0.95	1	1	6.681844
HS20_str_inv	BOBJ1	94.18	After	Interior Girder 1	48.55	0.95	1	1	6.307355
HS20_str_inv	BOBJ1	94.18	After	Interior Girder 2	48.55	0.95	1	1	5.785401
HS20_str_inv	BOBJ1	94.18	After	Interior Girder 3	48.55	0.95	1	1	5.439671
HS20_str_inv	BOBJ1	94.18	After	Interior Girder 4	48.55	0.95	1	1	5.439671
HS20_str_inv	BOBJ1	94.18	After	Interior Girder 5	48.55	0.95	1	1	5.785401
HS20_str_inv	BOBJ1	94.18	After	Interior Girder 6	48.55	0.95	1	1	6.307355
HS20_str_inv	BOBJ1	94.18	After	Right Exterior Girder	48.55	0.95	1	1	6.681844
HS20_str_inv	BOBJ1	100.3567	Before	Left Exterior Girder	54.7267	0.95	1	1	6.592802
HS20_str_inv	BOBJ1	100.3567	Before	Interior Girder 1	54.7267	0.95	1	1	6.192729
HS20_str_inv	BOBJ1	100.3567	Before	Interior Girder 2	54.7267	0.95	1	1	5.681356
HS20_str_inv	BOBJ1	100.3567	Before	Interior Girder 3	54.7267	0.95	1	1	5.340791
HS20_str_inv	BOBJ1	100.3567	Before	Interior Girder 4	54.7267	0.95	1	1	5.340791
HS20_str_inv	BOBJ1	100.3567	Before	Interior Girder 5	54.7267	0.95	1	1	5.681356
HS20_str_inv	BOBJ1	100.3567	Before	Interior Girder 6	54.7267	0.95	1	1	6.192729
HS20_str_inv	BOBJ1	100.3567	Before	Right Exterior Girder	54.7267	0.95	1	1	6.592802
HS20_str_inv	BOBJ1	100.3567	After	Left Exterior Girder	54.7267	0.95	1	1	5.834839
HS20_str_inv	BOBJ1	100.3567	After	Interior Girder 1	54.7267	0.95	1	1	4.790014
HS20_str_inv	BOBJ1	100.3567	After	Interior Girder 2	54.7267	0.95	1	1	4.455022
HS20_str_inv	BOBJ1	100.3567	After	Interior Girder 3	54.7267	0.95	1	1	4.015866
HS20_str_inv	BOBJ1	100.3567	After	Interior Girder 4	54.7267	0.95	1	1	4.015866
HS20_str_inv	BOBJ1	100.3567	After	Interior Girder 5	54.7267	0.95	1	1	4.455022
HS20_str_inv	BOBJ1	100.3567	After	Interior Girder 6	54.7267	0.95	1	1	4.790014
HS20_str_inv	BOBJ1	100.3567	After	Right Exterior Girder	54.7267	0.95	1	1	5.834839
HS20_str_inv	BOBJ1	106.5333	Before	Left Exterior Girder	60.9033	0.95	1	1	5.753783
HS20_str_inv	BOBJ1	106.5333	Before	Interior Girder 1	60.9033	0.95	1	1	4.70093
HS20_str_inv	BOBJ1	106.5333	Before	Interior Girder 2	60.9033	0.95	1	1	4.372922
HS20_str_inv	BOBJ1	106.5333	Before	Interior Girder 3	60.9033	0.95	1	1	3.940894
HS20_str_inv	BOBJ1	106.5333	Before	Interior Girder 4	60.9033	0.95	1	1	3.940894
HS20_str_inv	BOBJ1	106.5333	Before	Interior Girder 5	60.9033	0.95	1	1	4.372922
HS20_str_inv	BOBJ1	106.5333	Before	Interior Girder 6	60.9033	0.95	1	1	4.70093
HS20_str_inv	BOBJ1	106.5333	Before	Right Exterior Girder	60.9033	0.95	1	1	5.753783
HS20_str_inv	BOBJ1	106.5333	After	Left Exterior Girder	60.9033	0.95	1	1	4.755203
HS20_str_inv	BOBJ1	106.5333	After	Interior Girder 1	60.9033	0.95	1	1	3.985914
HS20_str_inv	BOBJ1	106.5333	After	Interior Girder 2	60.9033	0.95	1	1	3.536667
HS20_str_inv	BOBJ1	106.5333	After	Interior Girder 3	60.9033	0.95	1	1	2.958837
HS20_str_inv	BOBJ1	106.5333	After	Interior Girder 4	60.9033	0.95	1	1	2.958837
HS20_str_inv	BOBJ1	106.5333	After	Interior Girder 5	60.9033	0.95	1	1	3.536667
HS20_str_inv	BOBJ1	106.5333	After	Interior Girder 6	60.9033	0.95	1	1	3.985914
HS20_str_inv	BOBJ1	106.5333	After	Right Exterior Girder	60.9033	0.95	1	1	4.755203
HS20_str_inv	BOBJ1	108.2102	Before	Left Exterior Girder	62.5802	0.95	1	1	4.736161
HS20_str_inv	BOBJ1	108.2102	Before	Right Exterior Girder	62.5802	0.95	1	1	4.736161
HS20_str_inv	BOBJ1	108.2102	After	Left Exterior Girder	62.5802	0.95	1	1	5.15135
HS20_str_inv	BOBJ1	108.2102	After	Right Exterior Girder	62.5802	0.95	1	1	5.15135
HS20_str_inv	BOBJ1	112.71	Before	Left Exterior Girder	67.08	0.95	1	1	5.093276
HS20_str_inv	BOBJ1	112.71	Before	Interior Girder 1	67.08	0.95	1	1	3.711878
HS20_str_inv	BOBJ1	112.71	Before	Interior Girder 2	67.08	0.95	1	1	3.469935
HS20_str_inv	BOBJ1	112.71	Before	Interior Girder 3	67.08	0.95	1	1	2.901998
HS20_str_inv	BOBJ1	112.71	Before	Interior Girder 4	67.08	0.95	1	1	2.901998
HS20_str_inv	BOBJ1	112.71	Before	Interior Girder 5	67.08	0.95	1	1	3.469935

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Approach, Span 16-19									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
HS20_str_inv	BOBJ1	112.71	Before	Interior Girder 6	67.08	0.95	1	1	3.711878
HS20_str_inv	BOBJ1	112.71	Before	Right Exterior Girder	67.08	0.95	1	1	5.093276
HS20_str_inv	BOBJ1	112.71	After	Left Exterior Girder	0	0.95	1	1	5.8043
HS20_str_inv	BOBJ1	112.71	After	Interior Girder 1	0	0.95	1	1	4.007543
HS20_str_inv	BOBJ1	112.71	After	Interior Girder 2	0	0.95	1	1	3.727267
HS20_str_inv	BOBJ1	112.71	After	Interior Girder 3	0	0.95	1	1	3.064715
HS20_str_inv	BOBJ1	112.71	After	Interior Girder 4	0	0.95	1	1	3.064715
HS20_str_inv	BOBJ1	112.71	After	Interior Girder 5	0	0.95	1	1	3.727267
HS20_str_inv	BOBJ1	112.71	After	Interior Girder 6	0	0.95	1	1	4.007543
HS20_str_inv	BOBJ1	112.71	After	Right Exterior Girder	0	0.95	1	1	5.8043
HS20_str_inv	BOBJ1	117.21	Before	Left Exterior Girder	4.5	0.95	1	1	5.868575
HS20_str_inv	BOBJ1	117.21	Before	Right Exterior Girder	4.5	0.95	1	1	5.868575
HS20_str_inv	BOBJ1	117.21	After	Left Exterior Girder	4.5	0.95	1	1	5.853084
HS20_str_inv	BOBJ1	117.21	After	Right Exterior Girder	4.5	0.95	1	1	5.853084
HS20_str_inv	BOBJ1	119.1	Before	Left Exterior Girder	6.39	0.95	1	1	5.878622
HS20_str_inv	BOBJ1	119.1	Before	Interior Girder 1	6.39	0.95	1	1	4.195424
HS20_str_inv	BOBJ1	119.1	Before	Interior Girder 2	6.39	0.95	1	1	3.799752
HS20_str_inv	BOBJ1	119.1	Before	Interior Girder 3	6.39	0.95	1	1	3.12546
HS20_str_inv	BOBJ1	119.1	Before	Interior Girder 4	6.39	0.95	1	1	3.12546
HS20_str_inv	BOBJ1	119.1	Before	Interior Girder 5	6.39	0.95	1	1	3.799752
HS20_str_inv	BOBJ1	119.1	Before	Interior Girder 6	6.39	0.95	1	1	4.195424
HS20_str_inv	BOBJ1	119.1	Before	Right Exterior Girder	6.39	0.95	1	1	5.878622
HS20_str_inv	BOBJ1	119.1	After	Left Exterior Girder	6.39	0.95	1	1	7.007828
HS20_str_inv	BOBJ1	119.1	After	Interior Girder 1	6.39	0.95	1	1	5.277324
HS20_str_inv	BOBJ1	119.1	After	Interior Girder 2	6.39	0.95	1	1	4.854031
HS20_str_inv	BOBJ1	119.1	After	Interior Girder 3	6.39	0.95	1	1	4.336256
HS20_str_inv	BOBJ1	119.1	After	Interior Girder 4	6.39	0.95	1	1	4.336256
HS20_str_inv	BOBJ1	119.1	After	Interior Girder 5	6.39	0.95	1	1	4.854031
HS20_str_inv	BOBJ1	119.1	After	Interior Girder 6	6.39	0.95	1	1	5.277324
HS20_str_inv	BOBJ1	119.1	After	Right Exterior Girder	6.39	0.95	1	1	7.007828
HS20_str_inv	BOBJ1	125.49	Before	Left Exterior Girder	12.78	0.95	1	1	7.106953
HS20_str_inv	BOBJ1	125.49	Before	Interior Girder 1	12.78	0.95	1	1	5.378195
HS20_str_inv	BOBJ1	125.49	Before	Interior Girder 2	12.78	0.95	1	1	4.946161
HS20_str_inv	BOBJ1	125.49	Before	Interior Girder 3	12.78	0.95	1	1	4.419717
HS20_str_inv	BOBJ1	125.49	Before	Interior Girder 4	12.78	0.95	1	1	4.419717
HS20_str_inv	BOBJ1	125.49	Before	Interior Girder 5	12.78	0.95	1	1	4.946161
HS20_str_inv	BOBJ1	125.49	Before	Interior Girder 6	12.78	0.95	1	1	5.378195
HS20_str_inv	BOBJ1	125.49	Before	Right Exterior Girder	12.78	0.95	1	1	7.106953
HS20_str_inv	BOBJ1	125.49	After	Left Exterior Girder	12.78	0.95	1	1	8.460467
HS20_str_inv	BOBJ1	125.49	After	Interior Girder 1	12.78	0.95	1	1	7.390653
HS20_str_inv	BOBJ1	125.49	After	Interior Girder 2	12.78	0.95	1	1	6.63208
HS20_str_inv	BOBJ1	125.49	After	Interior Girder 3	12.78	0.95	1	1	6.197637
HS20_str_inv	BOBJ1	125.49	After	Interior Girder 4	12.78	0.95	1	1	6.197637
HS20_str_inv	BOBJ1	125.49	After	Interior Girder 5	12.78	0.95	1	1	6.63208
HS20_str_inv	BOBJ1	125.49	After	Interior Girder 6	12.78	0.95	1	1	7.390653
HS20_str_inv	BOBJ1	125.49	After	Right Exterior Girder	12.78	0.95	1	1	8.460467
HS20_str_inv	BOBJ1	131.88	Before	Left Exterior Girder	19.17	0.95	1	1	8.575166
HS20_str_inv	BOBJ1	131.88	Before	Interior Girder 1	19.17	0.95	1	1	7.528598
HS20_str_inv	BOBJ1	131.88	Before	Interior Girder 2	19.17	0.95	1	1	6.754839
HS20_str_inv	BOBJ1	131.88	Before	Interior Girder 3	19.17	0.95	1	1	6.313705
HS20_str_inv	BOBJ1	131.88	Before	Interior Girder 4	19.17	0.95	1	1	6.313705
HS20_str_inv	BOBJ1	131.88	Before	Interior Girder 5	19.17	0.95	1	1	6.754839
HS20_str_inv	BOBJ1	131.88	Before	Interior Girder 6	19.17	0.95	1	1	7.528598
HS20_str_inv	BOBJ1	131.88	Before	Right Exterior Girder	19.17	0.95	1	1	8.575166
HS20_str_inv	BOBJ1	131.88	After	Left Exterior Girder	19.17	0.95	1	1	15.184072
HS20_str_inv	BOBJ1	131.88	After	Interior Girder 1	19.17	0.95	1	1	7.377549
HS20_str_inv	BOBJ1	131.88	After	Interior Girder 2	19.17	0.95	1	1	6.618762
HS20_str_inv	BOBJ1	131.88	After	Interior Girder 3	19.17	0.95	1	1	5.624238
HS20_str_inv	BOBJ1	131.88	After	Interior Girder 4	19.17	0.95	1	1	5.624238
HS20_str_inv	BOBJ1	131.88	After	Interior Girder 5	19.17	0.95	1	1	6.618762
HS20_str_inv	BOBJ1	131.88	After	Interior Girder 6	19.17	0.95	1	1	7.377549
HS20_str_inv	BOBJ1	131.88	After	Right Exterior Girder	19.17	0.95	1	1	15.184072
HS20_str_inv	BOBJ1	138.27	Before	Left Exterior Girder	25.56	0.95	1	1	15.381976
HS20_str_inv	BOBJ1	138.27	Before	Interior Girder 1	25.56	0.95	1	1	7.511156
HS20_str_inv	BOBJ1	138.27	Before	Interior Girder 2	25.56	0.95	1	1	6.738856

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Approach, Span 16-19									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
HS20_str_inv	BOBJ1	138.27	Before	Interior Girder 3	25.56	0.95	1	1	5.726313
HS20_str_inv	BOBJ1	138.27	Before	Interior Girder 4	25.56	0.95	1	1	5.726313
HS20_str_inv	BOBJ1	138.27	Before	Interior Girder 5	25.56	0.95	1	1	6.738856
HS20_str_inv	BOBJ1	138.27	Before	Interior Girder 6	25.56	0.95	1	1	7.511156
HS20_str_inv	BOBJ1	138.27	Before	Right Exterior Girder	25.56	0.95	1	1	15.381976
HS20_str_inv	BOBJ1	138.27	After	Left Exterior Girder	25.56	0.95	1	1	19.588579
HS20_str_inv	BOBJ1	138.27	After	Interior Girder 1	25.56	0.95	1	1	11.136127
HS20_str_inv	BOBJ1	138.27	After	Interior Girder 2	25.56	0.95	1	1	9.965909
HS20_str_inv	BOBJ1	138.27	After	Interior Girder 3	25.56	0.95	1	1	8.615708
HS20_str_inv	BOBJ1	138.27	After	Interior Girder 4	25.56	0.95	1	1	8.615708
HS20_str_inv	BOBJ1	138.27	After	Interior Girder 5	25.56	0.95	1	1	9.965909
HS20_str_inv	BOBJ1	138.27	After	Interior Girder 6	25.56	0.95	1	1	11.136127
HS20_str_inv	BOBJ1	138.27	After	Right Exterior Girder	25.56	0.95	1	1	19.588579
HS20_str_inv	BOBJ1	144.66	Before	Left Exterior Girder	31.95	0.95	1	1	19.344566
HS20_str_inv	BOBJ1	144.66	Before	Interior Girder 1	31.95	0.95	1	1	10.942138
HS20_str_inv	BOBJ1	144.66	Before	Interior Girder 2	31.95	0.95	1	1	9.792364
HS20_str_inv	BOBJ1	144.66	Before	Interior Girder 3	31.95	0.95	1	1	8.465685
HS20_str_inv	BOBJ1	144.66	Before	Interior Girder 4	31.95	0.95	1	1	8.465685
HS20_str_inv	BOBJ1	144.66	Before	Interior Girder 5	31.95	0.95	1	1	9.792364
HS20_str_inv	BOBJ1	144.66	Before	Interior Girder 6	31.95	0.95	1	1	10.942138
HS20_str_inv	BOBJ1	144.66	Before	Right Exterior Girder	31.95	0.95	1	1	19.344566
HS20_str_inv	BOBJ1	144.66	After	Left Exterior Girder	31.95	0.95	1	1	14.014737
HS20_str_inv	BOBJ1	144.66	After	Interior Girder 1	31.95	0.95	1	1	7.300914
HS20_str_inv	BOBJ1	144.66	After	Interior Girder 2	31.95	0.95	1	1	6.553701
HS20_str_inv	BOBJ1	144.66	After	Interior Girder 3	31.95	0.95	1	1	5.586017
HS20_str_inv	BOBJ1	144.66	After	Interior Girder 4	31.95	0.95	1	1	5.586017
HS20_str_inv	BOBJ1	144.66	After	Interior Girder 5	31.95	0.95	1	1	6.553701
HS20_str_inv	BOBJ1	144.66	After	Interior Girder 6	31.95	0.95	1	1	7.300914
HS20_str_inv	BOBJ1	144.66	After	Right Exterior Girder	31.95	0.95	1	1	14.014737
HS20_str_inv	BOBJ1	151.05	Before	Left Exterior Girder	38.34	0.95	1	1	13.833336
HS20_str_inv	BOBJ1	151.05	Before	Interior Girder 1	38.34	0.95	1	1	7.170801
HS20_str_inv	BOBJ1	151.05	Before	Interior Girder 2	38.34	0.95	1	1	6.43676
HS20_str_inv	BOBJ1	151.05	Before	Interior Girder 3	38.34	0.95	1	1	5.486327
HS20_str_inv	BOBJ1	151.05	Before	Interior Girder 4	38.34	0.95	1	1	5.486327
HS20_str_inv	BOBJ1	151.05	Before	Interior Girder 5	38.34	0.95	1	1	6.43676
HS20_str_inv	BOBJ1	151.05	Before	Interior Girder 6	38.34	0.95	1	1	7.170801
HS20_str_inv	BOBJ1	151.05	Before	Right Exterior Girder	38.34	0.95	1	1	13.833336
HS20_str_inv	BOBJ1	151.05	After	Left Exterior Girder	38.34	0.95	1	1	8.083539
HS20_str_inv	BOBJ1	151.05	After	Interior Girder 1	38.34	0.95	1	1	7.237864
HS20_str_inv	BOBJ1	151.05	After	Interior Girder 2	38.34	0.95	1	1	6.489847
HS20_str_inv	BOBJ1	151.05	After	Interior Girder 3	38.34	0.95	1	1	6.039261
HS20_str_inv	BOBJ1	151.05	After	Interior Girder 4	38.34	0.95	1	1	6.039261
HS20_str_inv	BOBJ1	151.05	After	Interior Girder 5	38.34	0.95	1	1	6.489847
HS20_str_inv	BOBJ1	151.05	After	Interior Girder 6	38.34	0.95	1	1	7.237864
HS20_str_inv	BOBJ1	151.05	After	Right Exterior Girder	38.34	0.95	1	1	8.083539
HS20_str_inv	BOBJ1	157.4367	Before	Left Exterior Girder	44.7267	0.95	1	1	7.974681
HS20_str_inv	BOBJ1	157.4367	Before	Interior Girder 1	44.7267	0.95	1	1	7.105206
HS20_str_inv	BOBJ1	157.4367	Before	Interior Girder 2	44.7267	0.95	1	1	6.371901
HS20_str_inv	BOBJ1	157.4367	Before	Interior Girder 3	44.7267	0.95	1	1	5.92807
HS20_str_inv	BOBJ1	157.4367	Before	Interior Girder 4	44.7267	0.95	1	1	5.92807
HS20_str_inv	BOBJ1	157.4367	Before	Interior Girder 5	44.7267	0.95	1	1	6.371901
HS20_str_inv	BOBJ1	157.4367	Before	Interior Girder 6	44.7267	0.95	1	1	7.105206
HS20_str_inv	BOBJ1	157.4367	Before	Right Exterior Girder	44.7267	0.95	1	1	7.974681
HS20_str_inv	BOBJ1	157.4367	After	Left Exterior Girder	44.7267	0.95	1	1	6.686532
HS20_str_inv	BOBJ1	157.4367	After	Interior Girder 1	44.7267	0.95	1	1	5.277342
HS20_str_inv	BOBJ1	157.4367	After	Interior Girder 2	44.7267	0.95	1	1	4.7836
HS20_str_inv	BOBJ1	157.4367	After	Interior Girder 3	44.7267	0.95	1	1	4.084904
HS20_str_inv	BOBJ1	157.4367	After	Interior Girder 4	44.7267	0.95	1	1	4.084904
HS20_str_inv	BOBJ1	157.4367	After	Interior Girder 5	44.7267	0.95	1	1	4.7836
HS20_str_inv	BOBJ1	157.4367	After	Interior Girder 6	44.7267	0.95	1	1	5.277342
HS20_str_inv	BOBJ1	157.4367	After	Right Exterior Girder	44.7267	0.95	1	1	6.686532
HS20_str_inv	BOBJ1	158.71	Before	Left Exterior Girder	46	0.95	1	1	6.667927
HS20_str_inv	BOBJ1	158.71	Before	Interior Girder 1	46	0.95	1	1	5.257722
HS20_str_inv	BOBJ1	158.71	Before	Interior Girder 2	46	0.95	1	1	4.765911
HS20_str_inv	BOBJ1	158.71	Before	Interior Girder 3	46	0.95	1	1	4.069534

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Approach, Span 16-19									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
HS20_str_inv	BOBJ1	158.71	Before	Interior Girder 4	46	0.95	1	1	4.069534
HS20_str_inv	BOBJ1	158.71	Before	Interior Girder 5	46	0.95	1	1	4.765911
HS20_str_inv	BOBJ1	158.71	Before	Interior Girder 6	46	0.95	1	1	5.257722
HS20_str_inv	BOBJ1	158.71	Before	Right Exterior Girder	46	0.95	1	1	6.667927
HS20_str_inv	BOBJ1	158.71	After	Left Exterior Girder	46	0.95	1	1	8.253677
HS20_str_inv	BOBJ1	158.71	After	Interior Girder 1	46	0.95	1	1	5.774565
HS20_str_inv	BOBJ1	158.71	After	Interior Girder 2	46	0.95	1	1	5.337477
HS20_str_inv	BOBJ1	158.71	After	Interior Girder 3	46	0.95	1	1	4.654762
HS20_str_inv	BOBJ1	158.71	After	Interior Girder 4	46	0.95	1	1	4.654762
HS20_str_inv	BOBJ1	158.71	After	Interior Girder 5	46	0.95	1	1	5.337477
HS20_str_inv	BOBJ1	158.71	After	Interior Girder 6	46	0.95	1	1	5.774565
HS20_str_inv	BOBJ1	158.71	After	Right Exterior Girder	46	0.95	1	1	8.253677
HS20_str_inv	BOBJ1	163.8233	Before	Left Exterior Girder	51.1133	0.95	1	1	8.173809
HS20_str_inv	BOBJ1	163.8233	Before	Interior Girder 1	51.1133	0.95	1	1	5.697459
HS20_str_inv	BOBJ1	163.8233	Before	Interior Girder 2	51.1133	0.95	1	1	5.266631
HS20_str_inv	BOBJ1	163.8233	Before	Interior Girder 3	51.1133	0.95	1	1	4.592125
HS20_str_inv	BOBJ1	163.8233	Before	Interior Girder 4	51.1133	0.95	1	1	4.592125
HS20_str_inv	BOBJ1	163.8233	Before	Interior Girder 5	51.1133	0.95	1	1	5.266631
HS20_str_inv	BOBJ1	163.8233	Before	Interior Girder 6	51.1133	0.95	1	1	5.697459
HS20_str_inv	BOBJ1	163.8233	Before	Right Exterior Girder	51.1133	0.95	1	1	8.173809
HS20_str_inv	BOBJ1	163.8233	After	Left Exterior Girder	51.1133	0.95	1	1	6.355252
HS20_str_inv	BOBJ1	163.8233	After	Interior Girder 1	51.1133	0.95	1	1	5.033463
HS20_str_inv	BOBJ1	163.8233	After	Interior Girder 2	51.1133	0.95	1	1	4.375965
HS20_str_inv	BOBJ1	163.8233	After	Interior Girder 3	51.1133	0.95	1	1	3.591902
HS20_str_inv	BOBJ1	163.8233	After	Interior Girder 4	51.1133	0.95	1	1	3.591902
HS20_str_inv	BOBJ1	163.8233	After	Interior Girder 5	51.1133	0.95	1	1	4.375965
HS20_str_inv	BOBJ1	163.8233	After	Interior Girder 6	51.1133	0.95	1	1	5.033463
HS20_str_inv	BOBJ1	163.8233	After	Right Exterior Girder	51.1133	0.95	1	1	6.355252
HS20_str_inv	BOBJ1	164.71	Before	Left Exterior Girder	52	0.95	1	1	6.344143
HS20_str_inv	BOBJ1	164.71	Before	Right Exterior Girder	52	0.95	1	1	6.344143
HS20_str_inv	BOBJ1	164.71	After	Left Exterior Girder	52	0.95	1	1	7.257217
HS20_str_inv	BOBJ1	164.71	After	Right Exterior Girder	52	0.95	1	1	7.257217
HS20_str_inv	BOBJ1	170.21	Before	Left Exterior Girder	57.5	0.95	1	1	7.172249
HS20_str_inv	BOBJ1	170.21	Before	Interior Girder 1	57.5	0.95	1	1	4.628356
HS20_str_inv	BOBJ1	170.21	Before	Interior Girder 2	57.5	0.95	1	1	4.302173
HS20_str_inv	BOBJ1	170.21	Before	Interior Girder 3	57.5	0.95	1	1	3.530239
HS20_str_inv	BOBJ1	170.21	Before	Interior Girder 4	57.5	0.95	1	1	3.530239
HS20_str_inv	BOBJ1	170.21	Before	Interior Girder 5	57.5	0.95	1	1	4.302173
HS20_str_inv	BOBJ1	170.21	Before	Interior Girder 6	57.5	0.95	1	1	4.628356
HS20_str_inv	BOBJ1	170.21	Before	Right Exterior Girder	57.5	0.95	1	1	7.172249
HS20_str_inv	BOBJ1	170.21	After	Left Exterior Girder	0	0.95	1	1	6.461508
HS20_str_inv	BOBJ1	170.21	After	Interior Girder 1	0	0.95	1	1	4.298362
HS20_str_inv	BOBJ1	170.21	After	Interior Girder 2	0	0.95	1	1	4.00225
HS20_str_inv	BOBJ1	170.21	After	Interior Girder 3	0	0.95	1	1	3.336867
HS20_str_inv	BOBJ1	170.21	After	Interior Girder 4	0	0.95	1	1	3.336867
HS20_str_inv	BOBJ1	170.21	After	Interior Girder 5	0	0.95	1	1	4.00225
HS20_str_inv	BOBJ1	170.21	After	Interior Girder 6	0	0.95	1	1	4.298362
HS20_str_inv	BOBJ1	170.21	After	Right Exterior Girder	0	0.95	1	1	6.461508
HS20_str_inv	BOBJ1	176.21	Before	Left Exterior Girder	6	0.95	1	1	6.547579
HS20_str_inv	BOBJ1	176.21	Before	Right Exterior Girder	6	0.95	1	1	6.547579
HS20_str_inv	BOBJ1	176.21	After	Left Exterior Girder	6	0.95	1	1	4.397218
HS20_str_inv	BOBJ1	176.21	After	Right Exterior Girder	6	0.95	1	1	4.397218
HS20_str_inv	BOBJ1	176.6	Before	Left Exterior Girder	6.39	0.95	1	1	4.400873
HS20_str_inv	BOBJ1	176.6	Before	Interior Girder 1	6.39	0.95	1	1	5.496411
HS20_str_inv	BOBJ1	176.6	Before	Interior Girder 2	6.39	0.95	1	1	4.072642
HS20_str_inv	BOBJ1	176.6	Before	Interior Girder 3	6.39	0.95	1	1	3.396601
HS20_str_inv	BOBJ1	176.6	Before	Interior Girder 4	6.39	0.95	1	1	3.396601
HS20_str_inv	BOBJ1	176.6	Before	Interior Girder 5	6.39	0.95	1	1	4.072642
HS20_str_inv	BOBJ1	176.6	Before	Interior Girder 6	6.39	0.95	1	1	5.496411
HS20_str_inv	BOBJ1	176.6	Before	Right Exterior Girder	6.39	0.95	1	1	4.400873
HS20_str_inv	BOBJ1	176.6	After	Left Exterior Girder	6.39	0.95	1	1	7.146126
HS20_str_inv	BOBJ1	176.6	After	Interior Girder 1	6.39	0.95	1	1	5.467163
HS20_str_inv	BOBJ1	176.6	After	Interior Girder 2	6.39	0.95	1	1	5.017442
HS20_str_inv	BOBJ1	176.6	After	Interior Girder 3	6.39	0.95	1	1	4.505658
HS20_str_inv	BOBJ1	176.6	After	Interior Girder 4	6.39	0.95	1	1	4.505658

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Approach, Span 16-19									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
HS20_str_inv	BOBJ1	176.6	After	Interior Girder 5	6.39	0.95	1	1	5.017442
HS20_str_inv	BOBJ1	176.6	After	Interior Girder 6	6.39	0.95	1	1	5.467163
HS20_str_inv	BOBJ1	176.6	After	Right Exterior Girder	6.39	0.95	1	1	7.146126
HS20_str_inv	BOBJ1	182.99	Before	Left Exterior Girder	12.78	0.95	1	1	7.2358
HS20_str_inv	BOBJ1	182.99	Before	Interior Girder 1	12.78	0.95	1	1	5.562006
HS20_str_inv	BOBJ1	182.99	Before	Interior Girder 2	12.78	0.95	1	1	5.1038
HS20_str_inv	BOBJ1	182.99	Before	Interior Girder 3	12.78	0.95	1	1	4.584212
HS20_str_inv	BOBJ1	182.99	Before	Interior Girder 4	12.78	0.95	1	1	4.584212
HS20_str_inv	BOBJ1	182.99	Before	Interior Girder 5	12.78	0.95	1	1	5.1038
HS20_str_inv	BOBJ1	182.99	Before	Interior Girder 6	12.78	0.95	1	1	5.562006
HS20_str_inv	BOBJ1	182.99	Before	Right Exterior Girder	12.78	0.95	1	1	7.2358
HS20_str_inv	BOBJ1	182.99	After	Left Exterior Girder	12.78	0.95	1	1	8.18119
HS20_str_inv	BOBJ1	182.99	After	Interior Girder 1	12.78	0.95	1	1	7.226746
HS20_str_inv	BOBJ1	182.99	After	Interior Girder 2	12.78	0.95	1	1	6.502015
HS20_str_inv	BOBJ1	182.99	After	Interior Girder 3	12.78	0.95	1	1	6.074801
HS20_str_inv	BOBJ1	182.99	After	Interior Girder 4	12.78	0.95	1	1	6.074801
HS20_str_inv	BOBJ1	182.99	After	Interior Girder 5	12.78	0.95	1	1	6.502015
HS20_str_inv	BOBJ1	182.99	After	Interior Girder 6	12.78	0.95	1	1	7.226746
HS20_str_inv	BOBJ1	182.99	After	Right Exterior Girder	12.78	0.95	1	1	8.18119
HS20_str_inv	BOBJ1	189.38	Before	Left Exterior Girder	19.17	0.95	1	1	8.280207
HS20_str_inv	BOBJ1	189.38	Before	Interior Girder 1	19.17	0.95	1	1	7.349479
HS20_str_inv	BOBJ1	189.38	Before	Interior Girder 2	19.17	0.95	1	1	6.611437
HS20_str_inv	BOBJ1	189.38	Before	Interior Girder 3	19.17	0.95	1	1	6.178126
HS20_str_inv	BOBJ1	189.38	Before	Interior Girder 4	19.17	0.95	1	1	6.178126
HS20_str_inv	BOBJ1	189.38	Before	Interior Girder 5	19.17	0.95	1	1	6.611437
HS20_str_inv	BOBJ1	189.38	Before	Interior Girder 6	19.17	0.95	1	1	7.349479
HS20_str_inv	BOBJ1	189.38	Before	Right Exterior Girder	19.17	0.95	1	1	8.280207
HS20_str_inv	BOBJ1	189.38	After	Left Exterior Girder	19.17	0.95	1	1	13.101806
HS20_str_inv	BOBJ1	189.38	After	Interior Girder 1	19.17	0.95	1	1	7.132682
HS20_str_inv	BOBJ1	189.38	After	Interior Girder 2	19.17	0.95	1	1	6.492598
HS20_str_inv	BOBJ1	189.38	After	Interior Girder 3	19.17	0.95	1	1	5.580967
HS20_str_inv	BOBJ1	189.38	After	Interior Girder 4	19.17	0.95	1	1	5.580967
HS20_str_inv	BOBJ1	189.38	After	Interior Girder 5	19.17	0.95	1	1	6.492598
HS20_str_inv	BOBJ1	189.38	After	Interior Girder 6	19.17	0.95	1	1	7.132682
HS20_str_inv	BOBJ1	189.38	After	Right Exterior Girder	19.17	0.95	1	1	13.101806
HS20_str_inv	BOBJ1	195.77	Before	Left Exterior Girder	25.56	0.95	1	1	13.255264
HS20_str_inv	BOBJ1	195.77	Before	Interior Girder 1	25.56	0.95	1	1	7.250671
HS20_str_inv	BOBJ1	195.77	Before	Interior Girder 2	25.56	0.95	1	1	6.599867
HS20_str_inv	BOBJ1	195.77	Before	Interior Girder 3	25.56	0.95	1	1	5.67313
HS20_str_inv	BOBJ1	195.77	Before	Interior Girder 4	25.56	0.95	1	1	5.67313
HS20_str_inv	BOBJ1	195.77	Before	Interior Girder 5	25.56	0.95	1	1	6.599867
HS20_str_inv	BOBJ1	195.77	Before	Interior Girder 6	25.56	0.95	1	1	7.250671
HS20_str_inv	BOBJ1	195.77	Before	Right Exterior Girder	25.56	0.95	1	1	13.255264
HS20_str_inv	BOBJ1	195.77	After	Left Exterior Girder	25.56	0.95	1	1	17.27722
HS20_str_inv	BOBJ1	195.77	After	Interior Girder 1	25.56	0.95	1	1	10.162764
HS20_str_inv	BOBJ1	195.77	After	Interior Girder 2	25.56	0.95	1	1	9.302117
HS20_str_inv	BOBJ1	195.77	After	Interior Girder 3	25.56	0.95	1	1	8.113692
HS20_str_inv	BOBJ1	195.77	After	Interior Girder 4	25.56	0.95	1	1	8.113692
HS20_str_inv	BOBJ1	195.77	After	Interior Girder 5	25.56	0.95	1	1	9.302117
HS20_str_inv	BOBJ1	195.77	After	Interior Girder 6	25.56	0.95	1	1	10.162764
HS20_str_inv	BOBJ1	195.77	After	Right Exterior Girder	25.56	0.95	1	1	17.27722
HS20_str_inv	BOBJ1	202.16	Before	Left Exterior Girder	31.95	0.95	1	1	17.472981
HS20_str_inv	BOBJ1	202.16	Before	Interior Girder 1	31.95	0.95	1	1	10.327406
HS20_str_inv	BOBJ1	202.16	Before	Interior Girder 2	31.95	0.95	1	1	9.452383
HS20_str_inv	BOBJ1	202.16	Before	Interior Girder 3	31.95	0.95	1	1	8.244688
HS20_str_inv	BOBJ1	202.16	Before	Interior Girder 4	31.95	0.95	1	1	8.244688
HS20_str_inv	BOBJ1	202.16	Before	Interior Girder 5	31.95	0.95	1	1	9.452383
HS20_str_inv	BOBJ1	202.16	Before	Interior Girder 6	31.95	0.95	1	1	10.327406
HS20_str_inv	BOBJ1	202.16	Before	Right Exterior Girder	31.95	0.95	1	1	17.472981
HS20_str_inv	BOBJ1	202.16	After	Left Exterior Girder	31.95	0.95	1	1	23.875674
HS20_str_inv	BOBJ1	202.16	After	Interior Girder 1	31.95	0.95	1	1	10.042379
HS20_str_inv	BOBJ1	202.16	After	Interior Girder 2	31.95	0.95	1	1	8.794008
HS20_str_inv	BOBJ1	202.16	After	Interior Girder 3	31.95	0.95	1	1	7.462273
HS20_str_inv	BOBJ1	202.16	After	Interior Girder 4	31.95	0.95	1	1	7.462273
HS20_str_inv	BOBJ1	202.16	After	Interior Girder 5	31.95	0.95	1	1	8.794008

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Approach, Span 16-19									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
HS20_str_inv	BOBJ1	202.16	After	Interior Girder 6	31.95	0.95	1	1	10.042379
HS20_str_inv	BOBJ1	202.16	After	Right Exterior Girder	31.95	0.95	1	1	23.875674
HS20_str_inv	BOBJ1	208.55	Before	Left Exterior Girder	38.34	0.95	1	1	23.615048
HS20_str_inv	BOBJ1	208.55	Before	Interior Girder 1	38.34	0.95	1	1	9.886292
HS20_str_inv	BOBJ1	208.55	Before	Interior Girder 2	38.34	0.95	1	1	8.65674
HS20_str_inv	BOBJ1	208.55	Before	Interior Girder 3	38.34	0.95	1	1	7.345771
HS20_str_inv	BOBJ1	208.55	Before	Interior Girder 4	38.34	0.95	1	1	7.345771
HS20_str_inv	BOBJ1	208.55	Before	Interior Girder 5	38.34	0.95	1	1	8.65674
HS20_str_inv	BOBJ1	208.55	Before	Interior Girder 6	38.34	0.95	1	1	9.886292
HS20_str_inv	BOBJ1	208.55	Before	Right Exterior Girder	38.34	0.95	1	1	23.615048
HS20_str_inv	BOBJ1	208.55	After	Left Exterior Girder	38.34	0.95	1	1	12.604686
HS20_str_inv	BOBJ1	208.55	After	Interior Girder 1	38.34	0.95	1	1	10.967114
HS20_str_inv	BOBJ1	208.55	After	Interior Girder 2	38.34	0.95	1	1	9.841977
HS20_str_inv	BOBJ1	208.55	After	Interior Girder 3	38.34	0.95	1	1	9.503671
HS20_str_inv	BOBJ1	208.55	After	Interior Girder 4	38.34	0.95	1	1	9.503671
HS20_str_inv	BOBJ1	208.55	After	Interior Girder 5	38.34	0.95	1	1	9.841977
HS20_str_inv	BOBJ1	208.55	After	Interior Girder 6	38.34	0.95	1	1	10.967114
HS20_str_inv	BOBJ1	208.55	After	Right Exterior Girder	38.34	0.95	1	1	12.604686
HS20_str_inv	BOBJ1	215.1233	Before	Left Exterior Girder	44.9133	0.95	1	1	12.459607
HS20_str_inv	BOBJ1	215.1233	Before	Interior Girder 1	44.9133	0.95	1	1	10.786031
HS20_str_inv	BOBJ1	215.1233	Before	Interior Girder 2	44.9133	0.95	1	1	9.680507
HS20_str_inv	BOBJ1	215.1233	Before	Interior Girder 3	44.9133	0.95	1	1	9.3475
HS20_str_inv	BOBJ1	215.1233	Before	Interior Girder 4	44.9133	0.95	1	1	9.3475
HS20_str_inv	BOBJ1	215.1233	Before	Interior Girder 5	44.9133	0.95	1	1	9.680507
HS20_str_inv	BOBJ1	215.1233	Before	Interior Girder 6	44.9133	0.95	1	1	10.786031
HS20_str_inv	BOBJ1	215.1233	Before	Right Exterior Girder	44.9133	0.95	1	1	12.459607
HS20_str_inv	BOBJ1	215.1233	After	Left Exterior Girder	44.9133	0.95	1	1	10.240752
HS20_str_inv	BOBJ1	215.1233	After	Interior Girder 1	44.9133	0.95	1	1	7.632764
HS20_str_inv	BOBJ1	215.1233	After	Interior Girder 2	44.9133	0.95	1	1	6.941064
HS20_str_inv	BOBJ1	215.1233	After	Interior Girder 3	44.9133	0.95	1	1	6.581797
HS20_str_inv	BOBJ1	215.1233	After	Interior Girder 4	44.9133	0.95	1	1	6.581797
HS20_str_inv	BOBJ1	215.1233	After	Interior Girder 5	44.9133	0.95	1	1	6.941064
HS20_str_inv	BOBJ1	215.1233	After	Interior Girder 6	44.9133	0.95	1	1	7.632764
HS20_str_inv	BOBJ1	215.1233	After	Right Exterior Girder	44.9133	0.95	1	1	10.240752
HS20_str_inv	BOBJ1	221.6967	Before	Left Exterior Girder	51.4867	0.95	1	1	10.11888
HS20_str_inv	BOBJ1	221.6967	Before	Interior Girder 1	51.4867	0.95	1	1	7.503971
HS20_str_inv	BOBJ1	221.6967	Before	Interior Girder 2	51.4867	0.95	1	1	6.824567
HS20_str_inv	BOBJ1	221.6967	Before	Interior Girder 3	51.4867	0.95	1	1	6.471124
HS20_str_inv	BOBJ1	221.6967	Before	Interior Girder 4	51.4867	0.95	1	1	6.471124
HS20_str_inv	BOBJ1	221.6967	Before	Interior Girder 5	51.4867	0.95	1	1	6.824567
HS20_str_inv	BOBJ1	221.6967	Before	Interior Girder 6	51.4867	0.95	1	1	7.503971
HS20_str_inv	BOBJ1	221.6967	Before	Right Exterior Girder	51.4867	0.95	1	1	10.11888
HS20_str_inv	BOBJ1	221.6967	After	Left Exterior Girder	51.4867	0.95	1	1	8.645273
HS20_str_inv	BOBJ1	221.6967	After	Interior Girder 1	51.4867	0.95	1	1	5.467475
HS20_str_inv	BOBJ1	221.6967	After	Interior Girder 2	51.4867	0.95	1	1	5.08702
HS20_str_inv	BOBJ1	221.6967	After	Interior Girder 3	51.4867	0.95	1	1	4.471632
HS20_str_inv	BOBJ1	221.6967	After	Interior Girder 4	51.4867	0.95	1	1	4.471632
HS20_str_inv	BOBJ1	221.6967	After	Interior Girder 5	51.4867	0.95	1	1	5.08702
HS20_str_inv	BOBJ1	221.6967	After	Interior Girder 6	51.4867	0.95	1	1	5.467475
HS20_str_inv	BOBJ1	221.6967	After	Right Exterior Girder	51.4867	0.95	1	1	8.645273
HS20_str_inv	BOBJ1	228.27	Before	Left Exterior Girder	58.06	0.95	1	1	8.53865
HS20_str_inv	BOBJ1	228.27	Before	Interior Girder 1	58.06	0.95	1	1	5.37326
HS20_str_inv	BOBJ1	228.27	Before	Interior Girder 2	58.06	0.95	1	1	4.999687
HS20_str_inv	BOBJ1	228.27	Before	Interior Girder 3	58.06	0.95	1	1	4.394601
HS20_str_inv	BOBJ1	228.27	Before	Interior Girder 4	58.06	0.95	1	1	4.394601
HS20_str_inv	BOBJ1	228.27	Before	Interior Girder 5	58.06	0.95	1	1	4.999687
HS20_str_inv	BOBJ1	228.27	Before	Interior Girder 6	58.06	0.95	1	1	5.37326
HS20_str_inv	BOBJ1	228.27	Before	Right Exterior Girder	58.06	0.95	1	1	8.53865
HS15_str_opr	BOBJ1	0	After	Left Exterior Girder	0	0.95	1	1	13.541852
HS15_str_opr	BOBJ1	0	After	Interior Girder 1	0	0.95	1	1	8.464098
HS15_str_opr	BOBJ1	0	After	Interior Girder 2	0	0.95	1	1	7.90263
HS15_str_opr	BOBJ1	0	After	Interior Girder 3	0	0.95	1	1	6.805702
HS15_str_opr	BOBJ1	0	After	Interior Girder 4	0	0.95	1	1	6.805702
HS15_str_opr	BOBJ1	0	After	Interior Girder 5	0	0.95	1	1	7.90263
HS15_str_opr	BOBJ1	0	After	Interior Girder 6	0	0.95	1	1	8.464098

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Approach, Span 16-19									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
HS15_str_opr	BOBJ1	0	After	Right Exterior Girder	0	0.95	1	1	13.541852
HS15_str_opr	BOBJ1	5.3833	Before	Left Exterior Girder	5.3833	0.95	1	1	13.696625
HS15_str_opr	BOBJ1	5.3833	Before	Interior Girder 1	5.3833	0.95	1	1	8.596876
HS15_str_opr	BOBJ1	5.3833	Before	Interior Girder 2	5.3833	0.95	1	1	8.026194
HS15_str_opr	BOBJ1	5.3833	Before	Interior Girder 3	5.3833	0.95	1	1	6.912631
HS15_str_opr	BOBJ1	5.3833	Before	Interior Girder 4	5.3833	0.95	1	1	6.912631
HS15_str_opr	BOBJ1	5.3833	Before	Interior Girder 5	5.3833	0.95	1	1	8.026194
HS15_str_opr	BOBJ1	5.3833	Before	Interior Girder 6	5.3833	0.95	1	1	8.596876
HS15_str_opr	BOBJ1	5.3833	Before	Right Exterior Girder	5.3833	0.95	1	1	13.696625
HS15_str_opr	BOBJ1	5.3833	After	Left Exterior Girder	5.3833	0.95	1	1	16.511094
HS15_str_opr	BOBJ1	5.3833	After	Interior Girder 1	5.3833	0.95	1	1	11.87577
HS15_str_opr	BOBJ1	5.3833	After	Interior Girder 2	5.3833	0.95	1	1	10.753738
HS15_str_opr	BOBJ1	5.3833	After	Interior Girder 3	5.3833	0.95	1	1	10.027652
HS15_str_opr	BOBJ1	5.3833	After	Interior Girder 4	5.3833	0.95	1	1	10.027652
HS15_str_opr	BOBJ1	5.3833	After	Interior Girder 5	5.3833	0.95	1	1	10.753738
HS15_str_opr	BOBJ1	5.3833	After	Interior Girder 6	5.3833	0.95	1	1	11.87577
HS15_str_opr	BOBJ1	5.3833	After	Right Exterior Girder	5.3833	0.95	1	1	16.511094
HS15_str_opr	BOBJ1	10.7667	Before	Left Exterior Girder	10.7667	0.95	1	1	16.693389
HS15_str_opr	BOBJ1	10.7667	Before	Interior Girder 1	10.7667	0.95	1	1	12.058516
HS15_str_opr	BOBJ1	10.7667	Before	Interior Girder 2	10.7667	0.95	1	1	10.918343
HS15_str_opr	BOBJ1	10.7667	Before	Interior Girder 3	10.7667	0.95	1	1	10.181777
HS15_str_opr	BOBJ1	10.7667	Before	Interior Girder 4	10.7667	0.95	1	1	10.181777
HS15_str_opr	BOBJ1	10.7667	Before	Interior Girder 5	10.7667	0.95	1	1	10.918343
HS15_str_opr	BOBJ1	10.7667	Before	Interior Girder 6	10.7667	0.95	1	1	12.058516
HS15_str_opr	BOBJ1	10.7667	Before	Right Exterior Girder	10.7667	0.95	1	1	16.693389
HS15_str_opr	BOBJ1	10.7667	After	Left Exterior Girder	10.7667	0.95	1	1	20.919374
HS15_str_opr	BOBJ1	10.7667	After	Interior Girder 1	10.7667	0.95	1	1	17.091256
HS15_str_opr	BOBJ1	10.7667	After	Interior Girder 2	10.7667	0.95	1	1	15.174055
HS15_str_opr	BOBJ1	10.7667	After	Interior Girder 3	10.7667	0.95	1	1	14.498231
HS15_str_opr	BOBJ1	10.7667	After	Interior Girder 4	10.7667	0.95	1	1	14.498231
HS15_str_opr	BOBJ1	10.7667	After	Interior Girder 5	10.7667	0.95	1	1	15.174055
HS15_str_opr	BOBJ1	10.7667	After	Interior Girder 6	10.7667	0.95	1	1	17.091256
HS15_str_opr	BOBJ1	10.7667	After	Right Exterior Girder	10.7667	0.95	1	1	20.919374
HS15_str_opr	BOBJ1	16.15	Before	Left Exterior Girder	16.15	0.95	1	1	21.14291
HS15_str_opr	BOBJ1	16.15	Before	Interior Girder 1	16.15	0.95	1	1	17.349101
HS15_str_opr	BOBJ1	16.15	Before	Interior Girder 2	16.15	0.95	1	1	15.401518
HS15_str_opr	BOBJ1	16.15	Before	Interior Girder 3	16.15	0.95	1	1	14.716381
HS15_str_opr	BOBJ1	16.15	Before	Interior Girder 4	16.15	0.95	1	1	14.716381
HS15_str_opr	BOBJ1	16.15	Before	Interior Girder 5	16.15	0.95	1	1	15.401518
HS15_str_opr	BOBJ1	16.15	Before	Interior Girder 6	16.15	0.95	1	1	17.349101
HS15_str_opr	BOBJ1	16.15	Before	Right Exterior Girder	16.15	0.95	1	1	21.14291
HS15_str_opr	BOBJ1	16.15	After	Left Exterior Girder	16.15	0.95	1	1	38.975774
HS15_str_opr	BOBJ1	16.15	After	Interior Girder 1	16.15	0.95	1	1	16.918153
HS15_str_opr	BOBJ1	16.15	After	Interior Girder 2	16.15	0.95	1	1	14.698818
HS15_str_opr	BOBJ1	16.15	After	Interior Girder 3	16.15	0.95	1	1	12.457962
HS15_str_opr	BOBJ1	16.15	After	Interior Girder 4	16.15	0.95	1	1	12.457962
HS15_str_opr	BOBJ1	16.15	After	Interior Girder 5	16.15	0.95	1	1	14.698818
HS15_str_opr	BOBJ1	16.15	After	Interior Girder 6	16.15	0.95	1	1	16.918153
HS15_str_opr	BOBJ1	16.15	After	Right Exterior Girder	16.15	0.95	1	1	38.975774
HS15_str_opr	BOBJ1	22.1267	Before	Left Exterior Girder	22.1267	0.95	1	1	38.514213
HS15_str_opr	BOBJ1	22.1267	Before	Interior Girder 1	22.1267	0.95	1	1	17.192944
HS15_str_opr	BOBJ1	22.1267	Before	Interior Girder 2	22.1267	0.95	1	1	14.938883
HS15_str_opr	BOBJ1	22.1267	Before	Interior Girder 3	22.1267	0.95	1	1	12.661328
HS15_str_opr	BOBJ1	22.1267	Before	Interior Girder 4	22.1267	0.95	1	1	12.661328
HS15_str_opr	BOBJ1	22.1267	Before	Interior Girder 5	22.1267	0.95	1	1	14.938883
HS15_str_opr	BOBJ1	22.1267	Before	Interior Girder 6	22.1267	0.95	1	1	17.192944
HS15_str_opr	BOBJ1	22.1267	Before	Right Exterior Girder	22.1267	0.95	1	1	38.514213
HS15_str_opr	BOBJ1	22.1267	After	Left Exterior Girder	22.1267	0.95	1	1	24.720179
HS15_str_opr	BOBJ1	22.1267	After	Interior Girder 1	22.1267	0.95	1	1	15.26104
HS15_str_opr	BOBJ1	22.1267	After	Interior Girder 2	22.1267	0.95	1	1	13.980698
HS15_str_opr	BOBJ1	22.1267	After	Interior Girder 3	22.1267	0.95	1	1	12.025591
HS15_str_opr	BOBJ1	22.1267	After	Interior Girder 4	22.1267	0.95	1	1	12.025591
HS15_str_opr	BOBJ1	22.1267	After	Interior Girder 5	22.1267	0.95	1	1	13.980698
HS15_str_opr	BOBJ1	22.1267	After	Interior Girder 6	22.1267	0.95	1	1	15.26104
HS15_str_opr	BOBJ1	22.1267	After	Right Exterior Girder	22.1267	0.95	1	1	24.720179

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Approach, Span 16-19									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
HS15_str_opr	BOBJ1	28.1033	Before	Left Exterior Girder	28.1033	0.95	1	1	24.416642
HS15_str_opr	BOBJ1	28.1033	Before	Interior Girder 1	28.1033	0.95	1	1	15.002071
HS15_str_opr	BOBJ1	28.1033	Before	Interior Girder 2	28.1033	0.95	1	1	13.744474
HS15_str_opr	BOBJ1	28.1033	Before	Interior Girder 3	28.1033	0.95	1	1	11.822286
HS15_str_opr	BOBJ1	28.1033	Before	Interior Girder 4	28.1033	0.95	1	1	11.822286
HS15_str_opr	BOBJ1	28.1033	Before	Interior Girder 5	28.1033	0.95	1	1	13.744474
HS15_str_opr	BOBJ1	28.1033	Before	Interior Girder 6	28.1033	0.95	1	1	15.002071
HS15_str_opr	BOBJ1	28.1033	Before	Right Exterior Girder	28.1033	0.95	1	1	24.416642
HS15_str_opr	BOBJ1	28.1033	After	Left Exterior Girder	28.1033	0.95	1	1	18.195083
HS15_str_opr	BOBJ1	28.1033	After	Interior Girder 1	28.1033	0.95	1	1	10.50341
HS15_str_opr	BOBJ1	28.1033	After	Interior Girder 2	28.1033	0.95	1	1	9.546886
HS15_str_opr	BOBJ1	28.1033	After	Interior Girder 3	28.1033	0.95	1	1	8.131977
HS15_str_opr	BOBJ1	28.1033	After	Interior Girder 4	28.1033	0.95	1	1	8.131977
HS15_str_opr	BOBJ1	28.1033	After	Interior Girder 5	28.1033	0.95	1	1	9.546886
HS15_str_opr	BOBJ1	28.1033	After	Interior Girder 6	28.1033	0.95	1	1	10.50341
HS15_str_opr	BOBJ1	28.1033	After	Right Exterior Girder	28.1033	0.95	1	1	18.195083
HS15_str_opr	BOBJ1	34.08	Before	Left Exterior Girder	34.08	0.95	1	1	17.962985
HS15_str_opr	BOBJ1	34.08	Before	Interior Girder 1	34.08	0.95	1	1	10.321244
HS15_str_opr	BOBJ1	34.08	Before	Interior Girder 2	34.08	0.95	1	1	9.381771
HS15_str_opr	BOBJ1	34.08	Before	Interior Girder 3	34.08	0.95	1	1	7.991128
HS15_str_opr	BOBJ1	34.08	Before	Interior Girder 4	34.08	0.95	1	1	7.991128
HS15_str_opr	BOBJ1	34.08	Before	Interior Girder 5	34.08	0.95	1	1	9.381771
HS15_str_opr	BOBJ1	34.08	Before	Interior Girder 6	34.08	0.95	1	1	10.321244
HS15_str_opr	BOBJ1	34.08	Before	Right Exterior Girder	34.08	0.95	1	1	17.962985
HS15_str_opr	BOBJ1	34.08	After	Left Exterior Girder	34.08	0.95	1	1	11.667319
HS15_str_opr	BOBJ1	34.08	After	Interior Girder 1	34.08	0.95	1	1	9.598828
HS15_str_opr	BOBJ1	34.08	After	Interior Girder 2	34.08	0.95	1	1	8.71712
HS15_str_opr	BOBJ1	34.08	After	Interior Girder 3	34.08	0.95	1	1	7.776282
HS15_str_opr	BOBJ1	34.08	After	Interior Girder 4	34.08	0.95	1	1	7.776282
HS15_str_opr	BOBJ1	34.08	After	Interior Girder 5	34.08	0.95	1	1	8.71712
HS15_str_opr	BOBJ1	34.08	After	Interior Girder 6	34.08	0.95	1	1	9.598828
HS15_str_opr	BOBJ1	34.08	After	Right Exterior Girder	34.08	0.95	1	1	11.667319
HS15_str_opr	BOBJ1	39.855	Before	Left Exterior Girder	39.855	0.95	1	1	11.517078
HS15_str_opr	BOBJ1	39.855	Before	Interior Girder 1	39.855	0.95	1	1	9.43427
HS15_str_opr	BOBJ1	39.855	Before	Interior Girder 2	39.855	0.95	1	1	8.569413
HS15_str_opr	BOBJ1	39.855	Before	Interior Girder 3	39.855	0.95	1	1	7.64137
HS15_str_opr	BOBJ1	39.855	Before	Interior Girder 4	39.855	0.95	1	1	7.64137
HS15_str_opr	BOBJ1	39.855	Before	Interior Girder 5	39.855	0.95	1	1	8.569413
HS15_str_opr	BOBJ1	39.855	Before	Interior Girder 6	39.855	0.95	1	1	9.43427
HS15_str_opr	BOBJ1	39.855	Before	Right Exterior Girder	39.855	0.95	1	1	11.517078
HS15_str_opr	BOBJ1	39.855	After	Left Exterior Girder	39.855	0.95	1	1	6.889854
HS15_str_opr	BOBJ1	39.855	After	Interior Girder 1	39.855	0.95	1	1	9.017602
HS15_str_opr	BOBJ1	39.855	After	Interior Girder 2	39.855	0.95	1	1	6.657096
HS15_str_opr	BOBJ1	39.855	After	Interior Girder 3	39.855	0.95	1	1	5.462822
HS15_str_opr	BOBJ1	39.855	After	Interior Girder 4	39.855	0.95	1	1	5.462822
HS15_str_opr	BOBJ1	39.855	After	Interior Girder 5	39.855	0.95	1	1	6.657096
HS15_str_opr	BOBJ1	39.855	After	Interior Girder 6	39.855	0.95	1	1	9.017602
HS15_str_opr	BOBJ1	39.855	After	Right Exterior Girder	39.855	0.95	1	1	6.889854
HS15_str_opr	BOBJ1	40.0288	Before	Left Exterior Girder	40.0288	0.95	1	1	6.886895
HS15_str_opr	BOBJ1	40.0288	Before	Right Exterior Girder	40.0288	0.95	1	1	6.886895
HS15_str_opr	BOBJ1	40.0288	After	Left Exterior Girder	40.0288	0.95	1	1	9.999748
HS15_str_opr	BOBJ1	40.0288	After	Right Exterior Girder	40.0288	0.95	1	1	9.999748
HS15_str_opr	BOBJ1	45.63	Before	Left Exterior Girder	45.63	0.95	1	1	9.862043
HS15_str_opr	BOBJ1	45.63	Before	Interior Girder 1	45.63	0.95	1	1	7.037603
HS15_str_opr	BOBJ1	45.63	Before	Interior Girder 2	45.63	0.95	1	1	6.541865
HS15_str_opr	BOBJ1	45.63	Before	Interior Girder 3	45.63	0.95	1	1	5.365487
HS15_str_opr	BOBJ1	45.63	Before	Interior Girder 4	45.63	0.95	1	1	5.365487
HS15_str_opr	BOBJ1	45.63	Before	Interior Girder 5	45.63	0.95	1	1	6.541865
HS15_str_opr	BOBJ1	45.63	Before	Interior Girder 6	45.63	0.95	1	1	7.037603
HS15_str_opr	BOBJ1	45.63	Before	Right Exterior Girder	45.63	0.95	1	1	9.862043
HS15_str_opr	BOBJ1	45.63	After	Left Exterior Girder	0	0.95	1	1	8.296272
HS15_str_opr	BOBJ1	45.63	After	Interior Girder 1	0	0.95	1	1	6.594435
HS15_str_opr	BOBJ1	45.63	After	Interior Girder 2	0	0.95	1	1	6.076868
HS15_str_opr	BOBJ1	45.63	After	Interior Girder 3	0	0.95	1	1	5.098337
HS15_str_opr	BOBJ1	45.63	After	Interior Girder 4	0	0.95	1	1	5.098337

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Approach, Span 16-19									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
HS15_str_opr	BOBJ1	45.63	After	Interior Girder 5	0	0.95	1	1	6.076868
HS15_str_opr	BOBJ1	45.63	After	Interior Girder 6	0	0.95	1	1	6.594435
HS15_str_opr	BOBJ1	45.63	After	Right Exterior Girder	0	0.95	1	1	8.296272
HS15_str_opr	BOBJ1	50.6298	Before	Left Exterior Girder	4.9998	0.95	1	1	8.401897
HS15_str_opr	BOBJ1	50.6298	Before	Right Exterior Girder	4.9998	0.95	1	1	8.401897
HS15_str_opr	BOBJ1	50.6298	After	Left Exterior Girder	4.9998	0.95	1	1	6.273048
HS15_str_opr	BOBJ1	50.6298	After	Right Exterior Girder	4.9998	0.95	1	1	6.273048
HS15_str_opr	BOBJ1	51.4	Before	Left Exterior Girder	5.77	0.95	1	1	6.28517
HS15_str_opr	BOBJ1	51.4	Before	Interior Girder 1	5.77	0.95	1	1	7.925822
HS15_str_opr	BOBJ1	51.4	Before	Interior Girder 2	5.77	0.95	1	1	6.185645
HS15_str_opr	BOBJ1	51.4	Before	Interior Girder 3	5.77	0.95	1	1	5.192317
HS15_str_opr	BOBJ1	51.4	Before	Interior Girder 4	5.77	0.95	1	1	5.192317
HS15_str_opr	BOBJ1	51.4	Before	Interior Girder 5	5.77	0.95	1	1	6.185645
HS15_str_opr	BOBJ1	51.4	Before	Interior Girder 6	5.77	0.95	1	1	7.925822
HS15_str_opr	BOBJ1	51.4	Before	Right Exterior Girder	5.77	0.95	1	1	6.28517
HS15_str_opr	BOBJ1	51.4	After	Left Exterior Girder	5.77	0.95	1	1	9.131853
HS15_str_opr	BOBJ1	51.4	After	Interior Girder 1	5.77	0.95	1	1	8.366917
HS15_str_opr	BOBJ1	51.4	After	Interior Girder 2	5.77	0.95	1	1	7.675205
HS15_str_opr	BOBJ1	51.4	After	Interior Girder 3	5.77	0.95	1	1	6.879165
HS15_str_opr	BOBJ1	51.4	After	Interior Girder 4	5.77	0.95	1	1	6.879165
HS15_str_opr	BOBJ1	51.4	After	Interior Girder 5	5.77	0.95	1	1	7.675205
HS15_str_opr	BOBJ1	51.4	After	Interior Girder 6	5.77	0.95	1	1	8.366917
HS15_str_opr	BOBJ1	51.4	After	Right Exterior Girder	5.77	0.95	1	1	9.131853
HS15_str_opr	BOBJ1	57.17	Before	Left Exterior Girder	11.54	0.95	1	1	9.253248
HS15_str_opr	BOBJ1	57.17	Before	Interior Girder 1	11.54	0.95	1	1	8.515183
HS15_str_opr	BOBJ1	57.17	Before	Interior Girder 2	11.54	0.95	1	1	7.809583
HS15_str_opr	BOBJ1	57.17	Before	Interior Girder 3	11.54	0.95	1	1	7.002519
HS15_str_opr	BOBJ1	57.17	Before	Interior Girder 4	11.54	0.95	1	1	7.002519
HS15_str_opr	BOBJ1	57.17	Before	Interior Girder 5	11.54	0.95	1	1	7.809583
HS15_str_opr	BOBJ1	57.17	Before	Interior Girder 6	11.54	0.95	1	1	8.515183
HS15_str_opr	BOBJ1	57.17	Before	Right Exterior Girder	11.54	0.95	1	1	9.253248
HS15_str_opr	BOBJ1	57.17	After	Left Exterior Girder	11.54	0.95	1	1	13.048474
HS15_str_opr	BOBJ1	57.17	After	Interior Girder 1	11.54	0.95	1	1	8.587353
HS15_str_opr	BOBJ1	57.17	After	Interior Girder 2	11.54	0.95	1	1	8.117642
HS15_str_opr	BOBJ1	57.17	After	Interior Girder 3	11.54	0.95	1	1	7.167765
HS15_str_opr	BOBJ1	57.17	After	Interior Girder 4	11.54	0.95	1	1	7.167765
HS15_str_opr	BOBJ1	57.17	After	Interior Girder 5	11.54	0.95	1	1	8.117642
HS15_str_opr	BOBJ1	57.17	After	Interior Girder 6	11.54	0.95	1	1	8.587353
HS15_str_opr	BOBJ1	57.17	After	Right Exterior Girder	11.54	0.95	1	1	13.048474
HS15_str_opr	BOBJ1	63.34	Before	Left Exterior Girder	17.71	0.95	1	1	13.225722
HS15_str_opr	BOBJ1	63.34	Before	Interior Girder 1	17.71	0.95	1	1	8.74664
HS15_str_opr	BOBJ1	63.34	Before	Interior Girder 2	17.71	0.95	1	1	8.267476
HS15_str_opr	BOBJ1	63.34	Before	Interior Girder 3	17.71	0.95	1	1	7.300126
HS15_str_opr	BOBJ1	63.34	Before	Interior Girder 4	17.71	0.95	1	1	7.300126
HS15_str_opr	BOBJ1	63.34	Before	Interior Girder 5	17.71	0.95	1	1	8.267476
HS15_str_opr	BOBJ1	63.34	Before	Interior Girder 6	17.71	0.95	1	1	8.74664
HS15_str_opr	BOBJ1	63.34	Before	Right Exterior Girder	17.71	0.95	1	1	13.225722
HS15_str_opr	BOBJ1	63.34	After	Left Exterior Girder	17.71	0.95	1	1	15.26935
HS15_str_opr	BOBJ1	63.34	After	Interior Girder 1	17.71	0.95	1	1	11.368501
HS15_str_opr	BOBJ1	63.34	After	Interior Girder 2	17.71	0.95	1	1	10.617143
HS15_str_opr	BOBJ1	63.34	After	Interior Girder 3	17.71	0.95	1	1	9.990909
HS15_str_opr	BOBJ1	63.34	After	Interior Girder 4	17.71	0.95	1	1	9.990909
HS15_str_opr	BOBJ1	63.34	After	Interior Girder 5	17.71	0.95	1	1	10.617143
HS15_str_opr	BOBJ1	63.34	After	Interior Girder 6	17.71	0.95	1	1	11.368501
HS15_str_opr	BOBJ1	63.34	After	Right Exterior Girder	17.71	0.95	1	1	15.26935
HS15_str_opr	BOBJ1	69.51	Before	Left Exterior Girder	23.88	0.95	1	1	15.468534
HS15_str_opr	BOBJ1	69.51	Before	Interior Girder 1	23.88	0.95	1	1	11.574528
HS15_str_opr	BOBJ1	69.51	Before	Interior Girder 2	23.88	0.95	1	1	10.808281
HS15_str_opr	BOBJ1	69.51	Before	Interior Girder 3	23.88	0.95	1	1	10.1707
HS15_str_opr	BOBJ1	69.51	Before	Interior Girder 4	23.88	0.95	1	1	10.1707
HS15_str_opr	BOBJ1	69.51	Before	Interior Girder 5	23.88	0.95	1	1	10.808281
HS15_str_opr	BOBJ1	69.51	Before	Interior Girder 6	23.88	0.95	1	1	11.574528
HS15_str_opr	BOBJ1	69.51	Before	Right Exterior Girder	23.88	0.95	1	1	15.468534
HS15_str_opr	BOBJ1	69.51	After	Left Exterior Girder	23.88	0.95	1	1	18.430082
HS15_str_opr	BOBJ1	69.51	After	Interior Girder 1	23.88	0.95	1	1	15.763411

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Approach, Span 16-19									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
HS15_str_opr	BOBJ1	69.51	After	Interior Girder 2	23.88	0.95	1	1	14.485829
HS15_str_opr	BOBJ1	69.51	After	Interior Girder 3	23.88	0.95	1	1	13.411248
HS15_str_opr	BOBJ1	69.51	After	Interior Girder 4	23.88	0.95	1	1	13.411248
HS15_str_opr	BOBJ1	69.51	After	Interior Girder 5	23.88	0.95	1	1	14.485829
HS15_str_opr	BOBJ1	69.51	After	Interior Girder 6	23.88	0.95	1	1	15.763411
HS15_str_opr	BOBJ1	69.51	After	Right Exterior Girder	23.88	0.95	1	1	18.430082
HS15_str_opr	BOBJ1	75.68	Before	Left Exterior Girder	30.05	0.95	1	1	18.661479
HS15_str_opr	BOBJ1	75.68	Before	Interior Girder 1	30.05	0.95	1	1	16.042466
HS15_str_opr	BOBJ1	75.68	Before	Interior Girder 2	30.05	0.95	1	1	14.740214
HS15_str_opr	BOBJ1	75.68	Before	Interior Girder 3	30.05	0.95	1	1	13.191489
HS15_str_opr	BOBJ1	75.68	Before	Interior Girder 4	30.05	0.95	1	1	13.191489
HS15_str_opr	BOBJ1	75.68	Before	Interior Girder 5	30.05	0.95	1	1	14.740214
HS15_str_opr	BOBJ1	75.68	Before	Interior Girder 6	30.05	0.95	1	1	16.042466
HS15_str_opr	BOBJ1	75.68	Before	Right Exterior Girder	30.05	0.95	1	1	18.661479
HS15_str_opr	BOBJ1	75.68	After	Left Exterior Girder	30.05	0.95	1	1	30.011749
HS15_str_opr	BOBJ1	75.68	After	Interior Girder 1	30.05	0.95	1	1	14.661736
HS15_str_opr	BOBJ1	75.68	After	Interior Girder 2	30.05	0.95	1	1	12.748944
HS15_str_opr	BOBJ1	75.68	After	Interior Girder 3	30.05	0.95	1	1	10.807778
HS15_str_opr	BOBJ1	75.68	After	Interior Girder 4	30.05	0.95	1	1	10.807778
HS15_str_opr	BOBJ1	75.68	After	Interior Girder 5	30.05	0.95	1	1	12.748944
HS15_str_opr	BOBJ1	75.68	After	Interior Girder 6	30.05	0.95	1	1	14.661736
HS15_str_opr	BOBJ1	75.68	After	Right Exterior Girder	30.05	0.95	1	1	30.011749
HS15_str_opr	BOBJ1	81.8467	Before	Left Exterior Girder	36.2167	0.95	1	1	29.654265
HS15_str_opr	BOBJ1	81.8467	Before	Interior Girder 1	36.2167	0.95	1	1	14.911631
HS15_str_opr	BOBJ1	81.8467	Before	Interior Girder 2	36.2167	0.95	1	1	12.967175
HS15_str_opr	BOBJ1	81.8467	Before	Interior Girder 3	36.2167	0.95	1	1	10.992832
HS15_str_opr	BOBJ1	81.8467	Before	Interior Girder 4	36.2167	0.95	1	1	10.992832
HS15_str_opr	BOBJ1	81.8467	Before	Interior Girder 5	36.2167	0.95	1	1	12.967175
HS15_str_opr	BOBJ1	81.8467	Before	Interior Girder 6	36.2167	0.95	1	1	14.911631
HS15_str_opr	BOBJ1	81.8467	Before	Right Exterior Girder	36.2167	0.95	1	1	29.654265
HS15_str_opr	BOBJ1	81.8467	After	Left Exterior Girder	36.2167	0.95	1	1	22.731684
HS15_str_opr	BOBJ1	81.8467	After	Interior Girder 1	36.2167	0.95	1	1	14.847876
HS15_str_opr	BOBJ1	81.8467	After	Interior Girder 2	36.2167	0.95	1	1	13.694874
HS15_str_opr	BOBJ1	81.8467	After	Interior Girder 3	36.2167	0.95	1	1	12.32092
HS15_str_opr	BOBJ1	81.8467	After	Interior Girder 4	36.2167	0.95	1	1	12.32092
HS15_str_opr	BOBJ1	81.8467	After	Interior Girder 5	36.2167	0.95	1	1	13.694874
HS15_str_opr	BOBJ1	81.8467	After	Interior Girder 6	36.2167	0.95	1	1	14.847876
HS15_str_opr	BOBJ1	81.8467	After	Right Exterior Girder	36.2167	0.95	1	1	22.731684
HS15_str_opr	BOBJ1	88.0133	Before	Left Exterior Girder	42.3833	0.95	1	1	22.450965
HS15_str_opr	BOBJ1	88.0133	Before	Interior Girder 1	42.3833	0.95	1	1	14.592144
HS15_str_opr	BOBJ1	88.0133	Before	Interior Girder 2	42.3833	0.95	1	1	13.459654
HS15_str_opr	BOBJ1	88.0133	Before	Interior Girder 3	42.3833	0.95	1	1	12.10946
HS15_str_opr	BOBJ1	88.0133	Before	Interior Girder 4	42.3833	0.95	1	1	12.10946
HS15_str_opr	BOBJ1	88.0133	Before	Interior Girder 5	42.3833	0.95	1	1	13.459654
HS15_str_opr	BOBJ1	88.0133	Before	Interior Girder 6	42.3833	0.95	1	1	14.592144
HS15_str_opr	BOBJ1	88.0133	Before	Right Exterior Girder	42.3833	0.95	1	1	22.450965
HS15_str_opr	BOBJ1	88.0133	After	Left Exterior Girder	42.3833	0.95	1	1	18.250695
HS15_str_opr	BOBJ1	88.0133	After	Interior Girder 1	42.3833	0.95	1	1	10.713393
HS15_str_opr	BOBJ1	88.0133	After	Interior Girder 2	42.3833	0.95	1	1	9.923061
HS15_str_opr	BOBJ1	88.0133	After	Interior Girder 3	42.3833	0.95	1	1	8.583508
HS15_str_opr	BOBJ1	88.0133	After	Interior Girder 4	42.3833	0.95	1	1	8.583508
HS15_str_opr	BOBJ1	88.0133	After	Interior Girder 5	42.3833	0.95	1	1	9.923061
HS15_str_opr	BOBJ1	88.0133	After	Interior Girder 6	42.3833	0.95	1	1	10.713393
HS15_str_opr	BOBJ1	88.0133	After	Right Exterior Girder	42.3833	0.95	1	1	18.250695
HS15_str_opr	BOBJ1	94.18	Before	Left Exterior Girder	48.55	0.95	1	1	18.01663
HS15_str_opr	BOBJ1	94.18	Before	Interior Girder 1	48.55	0.95	1	1	10.52466
HS15_str_opr	BOBJ1	94.18	Before	Interior Girder 2	48.55	0.95	1	1	9.748449
HS15_str_opr	BOBJ1	94.18	Before	Interior Girder 3	48.55	0.95	1	1	8.43258
HS15_str_opr	BOBJ1	94.18	Before	Interior Girder 4	48.55	0.95	1	1	8.43258
HS15_str_opr	BOBJ1	94.18	Before	Interior Girder 5	48.55	0.95	1	1	9.748449
HS15_str_opr	BOBJ1	94.18	Before	Interior Girder 6	48.55	0.95	1	1	10.52466
HS15_str_opr	BOBJ1	94.18	Before	Right Exterior Girder	48.55	0.95	1	1	18.01663
HS15_str_opr	BOBJ1	94.18	After	Left Exterior Girder	48.55	0.95	1	1	11.548866
HS15_str_opr	BOBJ1	94.18	After	Interior Girder 1	48.55	0.95	1	1	10.901601
HS15_str_opr	BOBJ1	94.18	After	Interior Girder 2	48.55	0.95	1	1	9.999458

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Approach, Span 16-19									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
HS15_str_opr	BOBJ1	94.18	After	Interior Girder 3	48.55	0.95	1	1	9.401901
HS15_str_opr	BOBJ1	94.18	After	Interior Girder 4	48.55	0.95	1	1	9.401901
HS15_str_opr	BOBJ1	94.18	After	Interior Girder 5	48.55	0.95	1	1	9.999458
HS15_str_opr	BOBJ1	94.18	After	Interior Girder 6	48.55	0.95	1	1	10.901601
HS15_str_opr	BOBJ1	94.18	After	Right Exterior Girder	48.55	0.95	1	1	11.548866
HS15_str_opr	BOBJ1	100.3567	Before	Left Exterior Girder	54.7267	0.95	1	1	11.394966
HS15_str_opr	BOBJ1	100.3567	Before	Interior Girder 1	54.7267	0.95	1	1	10.703483
HS15_str_opr	BOBJ1	100.3567	Before	Interior Girder 2	54.7267	0.95	1	1	9.819628
HS15_str_opr	BOBJ1	100.3567	Before	Interior Girder 3	54.7267	0.95	1	1	9.230996
HS15_str_opr	BOBJ1	100.3567	Before	Interior Girder 4	54.7267	0.95	1	1	9.230996
HS15_str_opr	BOBJ1	100.3567	Before	Interior Girder 5	54.7267	0.95	1	1	9.819628
HS15_str_opr	BOBJ1	100.3567	Before	Interior Girder 6	54.7267	0.95	1	1	10.703483
HS15_str_opr	BOBJ1	100.3567	Before	Right Exterior Girder	54.7267	0.95	1	1	11.394966
HS15_str_opr	BOBJ1	100.3567	After	Left Exterior Girder	54.7267	0.95	1	1	10.084907
HS15_str_opr	BOBJ1	100.3567	After	Interior Girder 1	54.7267	0.95	1	1	8.279036
HS15_str_opr	BOBJ1	100.3567	After	Interior Girder 2	54.7267	0.95	1	1	7.700037
HS15_str_opr	BOBJ1	100.3567	After	Interior Girder 3	54.7267	0.95	1	1	6.941004
HS15_str_opr	BOBJ1	100.3567	After	Interior Girder 4	54.7267	0.95	1	1	6.941004
HS15_str_opr	BOBJ1	100.3567	After	Interior Girder 5	54.7267	0.95	1	1	7.700037
HS15_str_opr	BOBJ1	100.3567	After	Interior Girder 6	54.7267	0.95	1	1	8.279036
HS15_str_opr	BOBJ1	100.3567	After	Right Exterior Girder	54.7267	0.95	1	1	10.084907
HS15_str_opr	BOBJ1	106.5333	Before	Left Exterior Girder	60.9033	0.95	1	1	9.944811
HS15_str_opr	BOBJ1	106.5333	Before	Interior Girder 1	60.9033	0.95	1	1	8.125065
HS15_str_opr	BOBJ1	106.5333	Before	Interior Girder 2	60.9033	0.95	1	1	7.558137
HS15_str_opr	BOBJ1	106.5333	Before	Interior Girder 3	60.9033	0.95	1	1	6.811422
HS15_str_opr	BOBJ1	106.5333	Before	Interior Girder 4	60.9033	0.95	1	1	6.811422
HS15_str_opr	BOBJ1	106.5333	Before	Interior Girder 5	60.9033	0.95	1	1	7.558137
HS15_str_opr	BOBJ1	106.5333	Before	Interior Girder 6	60.9033	0.95	1	1	8.125065
HS15_str_opr	BOBJ1	106.5333	Before	Right Exterior Girder	60.9033	0.95	1	1	9.944811
HS15_str_opr	BOBJ1	106.5333	After	Left Exterior Girder	60.9033	0.95	1	1	8.21887
HS15_str_opr	BOBJ1	106.5333	After	Interior Girder 1	60.9033	0.95	1	1	6.889234
HS15_str_opr	BOBJ1	106.5333	After	Interior Girder 2	60.9033	0.95	1	1	6.112757
HS15_str_opr	BOBJ1	106.5333	After	Interior Girder 3	60.9033	0.95	1	1	5.114039
HS15_str_opr	BOBJ1	106.5333	After	Interior Girder 4	60.9033	0.95	1	1	5.114039
HS15_str_opr	BOBJ1	106.5333	After	Interior Girder 5	60.9033	0.95	1	1	6.112757
HS15_str_opr	BOBJ1	106.5333	After	Interior Girder 6	60.9033	0.95	1	1	6.889234
HS15_str_opr	BOBJ1	106.5333	After	Right Exterior Girder	60.9033	0.95	1	1	8.21887
HS15_str_opr	BOBJ1	108.2102	Before	Left Exterior Girder	62.5802	0.95	1	1	8.185957
HS15_str_opr	BOBJ1	108.2102	Before	Right Exterior Girder	62.5802	0.95	1	1	8.185957
HS15_str_opr	BOBJ1	108.2102	After	Left Exterior Girder	62.5802	0.95	1	1	8.903568
HS15_str_opr	BOBJ1	108.2102	After	Right Exterior Girder	62.5802	0.95	1	1	8.903568
HS15_str_opr	BOBJ1	112.71	Before	Left Exterior Girder	67.08	0.95	1	1	8.803194
HS15_str_opr	BOBJ1	112.71	Before	Interior Girder 1	67.08	0.95	1	1	6.415592
HS15_str_opr	BOBJ1	112.71	Before	Interior Girder 2	67.08	0.95	1	1	5.997418
HS15_str_opr	BOBJ1	112.71	Before	Interior Girder 3	67.08	0.95	1	1	5.015799
HS15_str_opr	BOBJ1	112.71	Before	Interior Girder 4	67.08	0.95	1	1	5.015799
HS15_str_opr	BOBJ1	112.71	Before	Interior Girder 5	67.08	0.95	1	1	5.997418
HS15_str_opr	BOBJ1	112.71	Before	Interior Girder 6	67.08	0.95	1	1	6.415592
HS15_str_opr	BOBJ1	112.71	Before	Right Exterior Girder	67.08	0.95	1	1	8.803194
HS15_str_opr	BOBJ1	112.71	After	Left Exterior Girder	0	0.95	1	1	10.032124
HS15_str_opr	BOBJ1	112.71	After	Interior Girder 1	0	0.95	1	1	6.926617
HS15_str_opr	BOBJ1	112.71	After	Interior Girder 2	0	0.95	1	1	6.44219
HS15_str_opr	BOBJ1	112.71	After	Interior Girder 3	0	0.95	1	1	5.297039
HS15_str_opr	BOBJ1	112.71	After	Interior Girder 4	0	0.95	1	1	5.297039
HS15_str_opr	BOBJ1	112.71	After	Interior Girder 5	0	0.95	1	1	6.44219
HS15_str_opr	BOBJ1	112.71	After	Interior Girder 6	0	0.95	1	1	6.926617
HS15_str_opr	BOBJ1	112.71	After	Right Exterior Girder	0	0.95	1	1	10.032124
HS15_str_opr	BOBJ1	117.21	Before	Left Exterior Girder	4.5	0.95	1	1	10.143216
HS15_str_opr	BOBJ1	117.21	Before	Right Exterior Girder	4.5	0.95	1	1	10.143216
HS15_str_opr	BOBJ1	117.21	After	Left Exterior Girder	4.5	0.95	1	1	10.116441
HS15_str_opr	BOBJ1	117.21	After	Right Exterior Girder	4.5	0.95	1	1	10.116441
HS15_str_opr	BOBJ1	119.1	Before	Left Exterior Girder	6.39	0.95	1	1	10.16058
HS15_str_opr	BOBJ1	119.1	Before	Interior Girder 1	6.39	0.95	1	1	7.251351
HS15_str_opr	BOBJ1	119.1	Before	Interior Girder 2	6.39	0.95	1	1	6.567473
HS15_str_opr	BOBJ1	119.1	Before	Interior Girder 3	6.39	0.95	1	1	5.40203

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Approach, Span 16-19									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
HS15_str_opr	BOBJ1	119.1	Before	Interior Girder 4	6.39	0.95	1	1	5.40203
HS15_str_opr	BOBJ1	119.1	Before	Interior Girder 5	6.39	0.95	1	1	6.567473
HS15_str_opr	BOBJ1	119.1	Before	Interior Girder 6	6.39	0.95	1	1	7.251351
HS15_str_opr	BOBJ1	119.1	Before	Right Exterior Girder	6.39	0.95	1	1	10.16058
HS15_str_opr	BOBJ1	119.1	After	Left Exterior Girder	6.39	0.95	1	1	12.112295
HS15_str_opr	BOBJ1	119.1	After	Interior Girder 1	6.39	0.95	1	1	9.121301
HS15_str_opr	BOBJ1	119.1	After	Interior Girder 2	6.39	0.95	1	1	8.389683
HS15_str_opr	BOBJ1	119.1	After	Interior Girder 3	6.39	0.95	1	1	7.494764
HS15_str_opr	BOBJ1	119.1	After	Interior Girder 4	6.39	0.95	1	1	7.494764
HS15_str_opr	BOBJ1	119.1	After	Interior Girder 5	6.39	0.95	1	1	8.389683
HS15_str_opr	BOBJ1	119.1	After	Interior Girder 6	6.39	0.95	1	1	9.121301
HS15_str_opr	BOBJ1	119.1	After	Right Exterior Girder	6.39	0.95	1	1	12.112295
HS15_str_opr	BOBJ1	125.49	Before	Left Exterior Girder	12.78	0.95	1	1	12.283622
HS15_str_opr	BOBJ1	125.49	Before	Interior Girder 1	12.78	0.95	1	1	9.295645
HS15_str_opr	BOBJ1	125.49	Before	Interior Girder 2	12.78	0.95	1	1	8.54892
HS15_str_opr	BOBJ1	125.49	Before	Interior Girder 3	12.78	0.95	1	1	7.639017
HS15_str_opr	BOBJ1	125.49	Before	Interior Girder 4	12.78	0.95	1	1	7.639017
HS15_str_opr	BOBJ1	125.49	Before	Interior Girder 5	12.78	0.95	1	1	8.54892
HS15_str_opr	BOBJ1	125.49	Before	Interior Girder 6	12.78	0.95	1	1	9.295645
HS15_str_opr	BOBJ1	125.49	Before	Right Exterior Girder	12.78	0.95	1	1	12.283622
HS15_str_opr	BOBJ1	125.49	After	Left Exterior Girder	12.78	0.95	1	1	14.623029
HS15_str_opr	BOBJ1	125.49	After	Interior Girder 1	12.78	0.95	1	1	12.773968
HS15_str_opr	BOBJ1	125.49	After	Interior Girder 2	12.78	0.95	1	1	11.462854
HS15_str_opr	BOBJ1	125.49	After	Interior Girder 3	12.78	0.95	1	1	10.711964
HS15_str_opr	BOBJ1	125.49	After	Interior Girder 4	12.78	0.95	1	1	10.711964
HS15_str_opr	BOBJ1	125.49	After	Interior Girder 5	12.78	0.95	1	1	11.462854
HS15_str_opr	BOBJ1	125.49	After	Interior Girder 6	12.78	0.95	1	1	12.773968
HS15_str_opr	BOBJ1	125.49	After	Right Exterior Girder	12.78	0.95	1	1	14.623029
HS15_str_opr	BOBJ1	131.88	Before	Left Exterior Girder	19.17	0.95	1	1	14.821275
HS15_str_opr	BOBJ1	131.88	Before	Interior Girder 1	19.17	0.95	1	1	13.012392
HS15_str_opr	BOBJ1	131.88	Before	Interior Girder 2	19.17	0.95	1	1	11.67503
HS15_str_opr	BOBJ1	131.88	Before	Interior Girder 3	19.17	0.95	1	1	10.912576
HS15_str_opr	BOBJ1	131.88	Before	Interior Girder 4	19.17	0.95	1	1	10.912576
HS15_str_opr	BOBJ1	131.88	Before	Interior Girder 5	19.17	0.95	1	1	11.67503
HS15_str_opr	BOBJ1	131.88	Before	Interior Girder 6	19.17	0.95	1	1	13.012392
HS15_str_opr	BOBJ1	131.88	Before	Right Exterior Girder	19.17	0.95	1	1	14.821275
HS15_str_opr	BOBJ1	131.88	After	Left Exterior Girder	19.17	0.95	1	1	26.244075
HS15_str_opr	BOBJ1	131.88	After	Interior Girder 1	19.17	0.95	1	1	12.751319
HS15_str_opr	BOBJ1	131.88	After	Interior Girder 2	19.17	0.95	1	1	11.439835
HS15_str_opr	BOBJ1	131.88	After	Interior Girder 3	19.17	0.95	1	1	9.720905
HS15_str_opr	BOBJ1	131.88	After	Interior Girder 4	19.17	0.95	1	1	9.720905
HS15_str_opr	BOBJ1	131.88	After	Interior Girder 5	19.17	0.95	1	1	11.439835
HS15_str_opr	BOBJ1	131.88	After	Interior Girder 6	19.17	0.95	1	1	12.751319
HS15_str_opr	BOBJ1	131.88	After	Right Exterior Girder	19.17	0.95	1	1	26.244075
HS15_str_opr	BOBJ1	138.27	Before	Left Exterior Girder	25.56	0.95	1	1	26.586132
HS15_str_opr	BOBJ1	138.27	Before	Interior Girder 1	25.56	0.95	1	1	12.982245
HS15_str_opr	BOBJ1	138.27	Before	Interior Girder 2	25.56	0.95	1	1	11.647405
HS15_str_opr	BOBJ1	138.27	Before	Interior Girder 3	25.56	0.95	1	1	9.897331
HS15_str_opr	BOBJ1	138.27	Before	Interior Girder 4	25.56	0.95	1	1	9.897331
HS15_str_opr	BOBJ1	138.27	Before	Interior Girder 5	25.56	0.95	1	1	11.647405
HS15_str_opr	BOBJ1	138.27	Before	Interior Girder 6	25.56	0.95	1	1	12.982245
HS15_str_opr	BOBJ1	138.27	Before	Right Exterior Girder	25.56	0.95	1	1	26.586132
HS15_str_opr	BOBJ1	138.27	After	Left Exterior Girder	25.56	0.95	1	1	33.856803
HS15_str_opr	BOBJ1	138.27	After	Interior Girder 1	25.56	0.95	1	1	19.247627
HS15_str_opr	BOBJ1	138.27	After	Interior Girder 2	25.56	0.95	1	1	17.225029
HS15_str_opr	BOBJ1	138.27	After	Interior Girder 3	25.56	0.95	1	1	14.891346
HS15_str_opr	BOBJ1	138.27	After	Interior Girder 4	25.56	0.95	1	1	14.891346
HS15_str_opr	BOBJ1	138.27	After	Interior Girder 5	25.56	0.95	1	1	17.225029
HS15_str_opr	BOBJ1	138.27	After	Interior Girder 6	25.56	0.95	1	1	19.247627
HS15_str_opr	BOBJ1	138.27	After	Right Exterior Girder	25.56	0.95	1	1	33.856803
HS15_str_opr	BOBJ1	144.66	Before	Left Exterior Girder	31.95	0.95	1	1	33.435053
HS15_str_opr	BOBJ1	144.66	Before	Interior Girder 1	31.95	0.95	1	1	18.912337
HS15_str_opr	BOBJ1	144.66	Before	Interior Girder 2	31.95	0.95	1	1	16.925073
HS15_str_opr	BOBJ1	144.66	Before	Interior Girder 3	31.95	0.95	1	1	14.632048
HS15_str_opr	BOBJ1	144.66	Before	Interior Girder 4	31.95	0.95	1	1	14.632048

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Approach, Span 16-19									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
HS15_str_opr	BOBJ1	144.66	Before	Interior Girder 5	31.95	0.95	1	1	16.925073
HS15_str_opr	BOBJ1	144.66	Before	Interior Girder 6	31.95	0.95	1	1	18.912337
HS15_str_opr	BOBJ1	144.66	Before	Right Exterior Girder	31.95	0.95	1	1	33.435053
HS15_str_opr	BOBJ1	144.66	After	Left Exterior Girder	31.95	0.95	1	1	24.223002
HS15_str_opr	BOBJ1	144.66	After	Interior Girder 1	31.95	0.95	1	1	12.618864
HS15_str_opr	BOBJ1	144.66	After	Interior Girder 2	31.95	0.95	1	1	11.327384
HS15_str_opr	BOBJ1	144.66	After	Interior Girder 3	31.95	0.95	1	1	9.654844
HS15_str_opr	BOBJ1	144.66	After	Interior Girder 4	31.95	0.95	1	1	9.654844
HS15_str_opr	BOBJ1	144.66	After	Interior Girder 5	31.95	0.95	1	1	11.327384
HS15_str_opr	BOBJ1	144.66	After	Interior Girder 6	31.95	0.95	1	1	12.618864
HS15_str_opr	BOBJ1	144.66	After	Right Exterior Girder	31.95	0.95	1	1	24.223002
HS15_str_opr	BOBJ1	151.05	Before	Left Exterior Girder	38.34	0.95	1	1	23.90947
HS15_str_opr	BOBJ1	151.05	Before	Interior Girder 1	38.34	0.95	1	1	12.393977
HS15_str_opr	BOBJ1	151.05	Before	Interior Girder 2	38.34	0.95	1	1	11.125265
HS15_str_opr	BOBJ1	151.05	Before	Interior Girder 3	38.34	0.95	1	1	9.482541
HS15_str_opr	BOBJ1	151.05	Before	Interior Girder 4	38.34	0.95	1	1	9.482541
HS15_str_opr	BOBJ1	151.05	Before	Interior Girder 5	38.34	0.95	1	1	11.125265
HS15_str_opr	BOBJ1	151.05	Before	Interior Girder 6	38.34	0.95	1	1	12.393977
HS15_str_opr	BOBJ1	151.05	Before	Right Exterior Girder	38.34	0.95	1	1	23.90947
HS15_str_opr	BOBJ1	151.05	After	Left Exterior Girder	38.34	0.95	1	1	13.971548
HS15_str_opr	BOBJ1	151.05	After	Interior Girder 1	38.34	0.95	1	1	12.509888
HS15_str_opr	BOBJ1	151.05	After	Interior Girder 2	38.34	0.95	1	1	11.21702
HS15_str_opr	BOBJ1	151.05	After	Interior Girder 3	38.34	0.95	1	1	10.438229
HS15_str_opr	BOBJ1	151.05	After	Interior Girder 4	38.34	0.95	1	1	10.438229
HS15_str_opr	BOBJ1	151.05	After	Interior Girder 5	38.34	0.95	1	1	11.21702
HS15_str_opr	BOBJ1	151.05	After	Interior Girder 6	38.34	0.95	1	1	12.509888
HS15_str_opr	BOBJ1	151.05	After	Right Exterior Girder	38.34	0.95	1	1	13.971548
HS15_str_opr	BOBJ1	157.4367	Before	Left Exterior Girder	44.7267	0.95	1	1	13.7834
HS15_str_opr	BOBJ1	157.4367	Before	Interior Girder 1	44.7267	0.95	1	1	12.280603
HS15_str_opr	BOBJ1	157.4367	Before	Interior Girder 2	44.7267	0.95	1	1	11.013162
HS15_str_opr	BOBJ1	157.4367	Before	Interior Girder 3	44.7267	0.95	1	1	10.246047
HS15_str_opr	BOBJ1	157.4367	Before	Interior Girder 4	44.7267	0.95	1	1	10.246047
HS15_str_opr	BOBJ1	157.4367	Before	Interior Girder 5	44.7267	0.95	1	1	11.013162
HS15_str_opr	BOBJ1	157.4367	Before	Interior Girder 6	44.7267	0.95	1	1	12.280603
HS15_str_opr	BOBJ1	157.4367	Before	Right Exterior Girder	44.7267	0.95	1	1	13.7834
HS15_str_opr	BOBJ1	157.4367	After	Left Exterior Girder	44.7267	0.95	1	1	11.556969
HS15_str_opr	BOBJ1	157.4367	After	Interior Girder 1	44.7267	0.95	1	1	9.121331
HS15_str_opr	BOBJ1	157.4367	After	Interior Girder 2	44.7267	0.95	1	1	8.267951
HS15_str_opr	BOBJ1	157.4367	After	Interior Girder 3	44.7267	0.95	1	1	7.060327
HS15_str_opr	BOBJ1	157.4367	After	Interior Girder 4	44.7267	0.95	1	1	7.060327
HS15_str_opr	BOBJ1	157.4367	After	Interior Girder 5	44.7267	0.95	1	1	8.267951
HS15_str_opr	BOBJ1	157.4367	After	Interior Girder 6	44.7267	0.95	1	1	9.121331
HS15_str_opr	BOBJ1	157.4367	After	Right Exterior Girder	44.7267	0.95	1	1	11.556969
HS15_str_opr	BOBJ1	158.71	Before	Left Exterior Girder	46	0.95	1	1	11.524813
HS15_str_opr	BOBJ1	158.71	Before	Interior Girder 1	46	0.95	1	1	9.087421
HS15_str_opr	BOBJ1	158.71	Before	Interior Girder 2	46	0.95	1	1	8.237378
HS15_str_opr	BOBJ1	158.71	Before	Interior Girder 3	46	0.95	1	1	7.033763
HS15_str_opr	BOBJ1	158.71	Before	Interior Girder 4	46	0.95	1	1	7.033763
HS15_str_opr	BOBJ1	158.71	Before	Interior Girder 5	46	0.95	1	1	8.237378
HS15_str_opr	BOBJ1	158.71	Before	Interior Girder 6	46	0.95	1	1	9.087421
HS15_str_opr	BOBJ1	158.71	Before	Right Exterior Girder	46	0.95	1	1	11.524813
HS15_str_opr	BOBJ1	158.71	After	Left Exterior Girder	46	0.95	1	1	14.265615
HS15_str_opr	BOBJ1	158.71	After	Interior Girder 1	46	0.95	1	1	9.98073
HS15_str_opr	BOBJ1	158.71	After	Interior Girder 2	46	0.95	1	1	9.225269
HS15_str_opr	BOBJ1	158.71	After	Interior Girder 3	46	0.95	1	1	8.045267
HS15_str_opr	BOBJ1	158.71	After	Interior Girder 4	46	0.95	1	1	8.045267
HS15_str_opr	BOBJ1	158.71	After	Interior Girder 5	46	0.95	1	1	9.225269
HS15_str_opr	BOBJ1	158.71	After	Interior Girder 6	46	0.95	1	1	9.98073
HS15_str_opr	BOBJ1	158.71	After	Right Exterior Girder	46	0.95	1	1	14.265615
HS15_str_opr	BOBJ1	163.8233	Before	Left Exterior Girder	51.1133	0.95	1	1	14.127571
HS15_str_opr	BOBJ1	163.8233	Before	Interior Girder 1	51.1133	0.95	1	1	9.847459
HS15_str_opr	BOBJ1	163.8233	Before	Interior Girder 2	51.1133	0.95	1	1	9.102819
HS15_str_opr	BOBJ1	163.8233	Before	Interior Girder 3	51.1133	0.95	1	1	7.937006
HS15_str_opr	BOBJ1	163.8233	Before	Interior Girder 4	51.1133	0.95	1	1	7.937006
HS15_str_opr	BOBJ1	163.8233	Before	Interior Girder 5	51.1133	0.95	1	1	9.102819

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Approach, Span 16-19									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
HS15_str_opr	BOBJ1	163.8233	Before	Interior Girder 6	51.1133	0.95	1	1	9.847459
HS15_str_opr	BOBJ1	163.8233	Before	Right Exterior Girder	51.1133	0.95	1	1	14.127571
HS15_str_opr	BOBJ1	163.8233	After	Left Exterior Girder	51.1133	0.95	1	1	10.984386
HS15_str_opr	BOBJ1	163.8233	After	Interior Girder 1	51.1133	0.95	1	1	8.699812
HS15_str_opr	BOBJ1	163.8233	After	Interior Girder 2	51.1133	0.95	1	1	7.563396
HS15_str_opr	BOBJ1	163.8233	After	Interior Girder 3	51.1133	0.95	1	1	6.208226
HS15_str_opr	BOBJ1	163.8233	After	Interior Girder 4	51.1133	0.95	1	1	6.208226
HS15_str_opr	BOBJ1	163.8233	After	Interior Girder 5	51.1133	0.95	1	1	7.563396
HS15_str_opr	BOBJ1	163.8233	After	Interior Girder 6	51.1133	0.95	1	1	8.699812
HS15_str_opr	BOBJ1	163.8233	After	Right Exterior Girder	51.1133	0.95	1	1	10.984386
HS15_str_opr	BOBJ1	164.71	Before	Left Exterior Girder	52	0.95	1	1	10.965185
HS15_str_opr	BOBJ1	164.71	Before	Right Exterior Girder	52	0.95	1	1	10.965185
HS15_str_opr	BOBJ1	164.71	After	Left Exterior Girder	52	0.95	1	1	12.543339
HS15_str_opr	BOBJ1	164.71	After	Right Exterior Girder	52	0.95	1	1	12.543339
HS15_str_opr	BOBJ1	170.21	Before	Left Exterior Girder	57.5	0.95	1	1	12.39648
HS15_str_opr	BOBJ1	170.21	Before	Interior Girder 1	57.5	0.95	1	1	7.999628
HS15_str_opr	BOBJ1	170.21	Before	Interior Girder 2	57.5	0.95	1	1	7.435855
HS15_str_opr	BOBJ1	170.21	Before	Interior Girder 3	57.5	0.95	1	1	6.101647
HS15_str_opr	BOBJ1	170.21	Before	Interior Girder 4	57.5	0.95	1	1	6.101647
HS15_str_opr	BOBJ1	170.21	Before	Interior Girder 5	57.5	0.95	1	1	7.435855
HS15_str_opr	BOBJ1	170.21	Before	Interior Girder 6	57.5	0.95	1	1	7.999628
HS15_str_opr	BOBJ1	170.21	Before	Right Exterior Girder	57.5	0.95	1	1	12.39648
HS15_str_opr	BOBJ1	170.21	After	Left Exterior Girder	0	0.95	1	1	11.168038
HS15_str_opr	BOBJ1	170.21	After	Interior Girder 1	0	0.95	1	1	7.429268
HS15_str_opr	BOBJ1	170.21	After	Interior Girder 2	0	0.95	1	1	6.917468
HS15_str_opr	BOBJ1	170.21	After	Interior Girder 3	0	0.95	1	1	5.767424
HS15_str_opr	BOBJ1	170.21	After	Interior Girder 4	0	0.95	1	1	5.767424
HS15_str_opr	BOBJ1	170.21	After	Interior Girder 5	0	0.95	1	1	6.917468
HS15_str_opr	BOBJ1	170.21	After	Interior Girder 6	0	0.95	1	1	7.429268
HS15_str_opr	BOBJ1	170.21	After	Right Exterior Girder	0	0.95	1	1	11.168038
HS15_str_opr	BOBJ1	176.21	Before	Left Exterior Girder	6	0.95	1	1	11.316804
HS15_str_opr	BOBJ1	176.21	Before	Right Exterior Girder	6	0.95	1	1	11.316804
HS15_str_opr	BOBJ1	176.21	After	Left Exterior Girder	6	0.95	1	1	7.600129
HS15_str_opr	BOBJ1	176.21	After	Right Exterior Girder	6	0.95	1	1	7.600129
HS15_str_opr	BOBJ1	176.6	Before	Left Exterior Girder	6.39	0.95	1	1	7.606447
HS15_str_opr	BOBJ1	176.6	Before	Interior Girder 1	6.39	0.95	1	1	9.49997
HS15_str_opr	BOBJ1	176.6	Before	Interior Girder 2	6.39	0.95	1	1	7.039134
HS15_str_opr	BOBJ1	176.6	Before	Interior Girder 3	6.39	0.95	1	1	5.870669
HS15_str_opr	BOBJ1	176.6	Before	Interior Girder 4	6.39	0.95	1	1	5.870669
HS15_str_opr	BOBJ1	176.6	Before	Interior Girder 5	6.39	0.95	1	1	7.039134
HS15_str_opr	BOBJ1	176.6	Before	Interior Girder 6	6.39	0.95	1	1	9.49997
HS15_str_opr	BOBJ1	176.6	Before	Right Exterior Girder	6.39	0.95	1	1	7.606447
HS15_str_opr	BOBJ1	176.6	After	Left Exterior Girder	6.39	0.95	1	1	12.351329
HS15_str_opr	BOBJ1	176.6	After	Interior Girder 1	6.39	0.95	1	1	9.449417
HS15_str_opr	BOBJ1	176.6	After	Interior Girder 2	6.39	0.95	1	1	8.672122
HS15_str_opr	BOBJ1	176.6	After	Interior Girder 3	6.39	0.95	1	1	7.787557
HS15_str_opr	BOBJ1	176.6	After	Interior Girder 4	6.39	0.95	1	1	7.787557
HS15_str_opr	BOBJ1	176.6	After	Interior Girder 5	6.39	0.95	1	1	8.672122
HS15_str_opr	BOBJ1	176.6	After	Interior Girder 6	6.39	0.95	1	1	9.449417
HS15_str_opr	BOBJ1	176.6	After	Right Exterior Girder	6.39	0.95	1	1	12.351329
HS15_str_opr	BOBJ1	182.99	Before	Left Exterior Girder	12.78	0.95	1	1	12.50632
HS15_str_opr	BOBJ1	182.99	Before	Interior Girder 1	12.78	0.95	1	1	9.613344
HS15_str_opr	BOBJ1	182.99	Before	Interior Girder 2	12.78	0.95	1	1	8.821382
HS15_str_opr	BOBJ1	182.99	Before	Interior Girder 3	12.78	0.95	1	1	7.92333
HS15_str_opr	BOBJ1	182.99	Before	Interior Girder 4	12.78	0.95	1	1	7.92333
HS15_str_opr	BOBJ1	182.99	Before	Interior Girder 5	12.78	0.95	1	1	8.821382
HS15_str_opr	BOBJ1	182.99	Before	Interior Girder 6	12.78	0.95	1	1	9.613344
HS15_str_opr	BOBJ1	182.99	Before	Right Exterior Girder	12.78	0.95	1	1	12.50632
HS15_str_opr	BOBJ1	182.99	After	Left Exterior Girder	12.78	0.95	1	1	14.140329
HS15_str_opr	BOBJ1	182.99	After	Interior Girder 1	12.78	0.95	1	1	12.490672
HS15_str_opr	BOBJ1	182.99	After	Interior Girder 2	12.78	0.95	1	1	11.238051
HS15_str_opr	BOBJ1	182.99	After	Interior Girder 3	12.78	0.95	1	1	10.499656
HS15_str_opr	BOBJ1	182.99	After	Interior Girder 4	12.78	0.95	1	1	10.499656
HS15_str_opr	BOBJ1	182.99	After	Interior Girder 5	12.78	0.95	1	1	11.238051
HS15_str_opr	BOBJ1	182.99	After	Interior Girder 6	12.78	0.95	1	1	12.490672

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Approach, Span 16-19									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
HS15_str_opr	BOBJ1	182.99	After	Right Exterior Girder	12.78	0.95	1	1	14.140329
HS15_str_opr	BOBJ1	189.38	Before	Left Exterior Girder	19.17	0.95	1	1	14.311469
HS15_str_opr	BOBJ1	189.38	Before	Interior Girder 1	19.17	0.95	1	1	12.702803
HS15_str_opr	BOBJ1	189.38	Before	Interior Girder 2	19.17	0.95	1	1	11.427175
HS15_str_opr	BOBJ1	189.38	Before	Interior Girder 3	19.17	0.95	1	1	10.678243
HS15_str_opr	BOBJ1	189.38	Before	Interior Girder 4	19.17	0.95	1	1	10.678243
HS15_str_opr	BOBJ1	189.38	Before	Interior Girder 5	19.17	0.95	1	1	11.427175
HS15_str_opr	BOBJ1	189.38	Before	Interior Girder 6	19.17	0.95	1	1	12.702803
HS15_str_opr	BOBJ1	189.38	Before	Right Exterior Girder	19.17	0.95	1	1	14.311469
HS15_str_opr	BOBJ1	189.38	After	Left Exterior Girder	19.17	0.95	1	1	22.645097
HS15_str_opr	BOBJ1	189.38	After	Interior Girder 1	19.17	0.95	1	1	12.328092
HS15_str_opr	BOBJ1	189.38	After	Interior Girder 2	19.17	0.95	1	1	11.221774
HS15_str_opr	BOBJ1	189.38	After	Interior Girder 3	19.17	0.95	1	1	9.646116
HS15_str_opr	BOBJ1	189.38	After	Interior Girder 4	19.17	0.95	1	1	9.646116
HS15_str_opr	BOBJ1	189.38	After	Interior Girder 5	19.17	0.95	1	1	11.221774
HS15_str_opr	BOBJ1	189.38	After	Interior Girder 6	19.17	0.95	1	1	12.328092
HS15_str_opr	BOBJ1	189.38	After	Right Exterior Girder	19.17	0.95	1	1	22.645097
HS15_str_opr	BOBJ1	195.77	Before	Left Exterior Girder	25.56	0.95	1	1	22.910333
HS15_str_opr	BOBJ1	195.77	Before	Interior Girder 1	25.56	0.95	1	1	12.532024
HS15_str_opr	BOBJ1	195.77	Before	Interior Girder 2	25.56	0.95	1	1	11.407178
HS15_str_opr	BOBJ1	195.77	Before	Interior Girder 3	25.56	0.95	1	1	9.80541
HS15_str_opr	BOBJ1	195.77	Before	Interior Girder 4	25.56	0.95	1	1	9.80541
HS15_str_opr	BOBJ1	195.77	Before	Interior Girder 5	25.56	0.95	1	1	11.407178
HS15_str_opr	BOBJ1	195.77	Before	Interior Girder 6	25.56	0.95	1	1	12.532024
HS15_str_opr	BOBJ1	195.77	Before	Right Exterior Girder	25.56	0.95	1	1	22.910333
HS15_str_opr	BOBJ1	195.77	After	Left Exterior Girder	25.56	0.95	1	1	29.861861
HS15_str_opr	BOBJ1	195.77	After	Interior Girder 1	25.56	0.95	1	1	17.565272
HS15_str_opr	BOBJ1	195.77	After	Interior Girder 2	25.56	0.95	1	1	16.077733
HS15_str_opr	BOBJ1	195.77	After	Interior Girder 3	25.56	0.95	1	1	14.023665
HS15_str_opr	BOBJ1	195.77	After	Interior Girder 4	25.56	0.95	1	1	14.023665
HS15_str_opr	BOBJ1	195.77	After	Interior Girder 5	25.56	0.95	1	1	16.077733
HS15_str_opr	BOBJ1	195.77	After	Interior Girder 6	25.56	0.95	1	1	17.565272
HS15_str_opr	BOBJ1	195.77	After	Right Exterior Girder	25.56	0.95	1	1	29.861861
HS15_str_opr	BOBJ1	202.16	Before	Left Exterior Girder	31.95	0.95	1	1	30.200214
HS15_str_opr	BOBJ1	202.16	Before	Interior Girder 1	31.95	0.95	1	1	17.849838
HS15_str_opr	BOBJ1	202.16	Before	Interior Girder 2	31.95	0.95	1	1	16.337453
HS15_str_opr	BOBJ1	202.16	Before	Interior Girder 3	31.95	0.95	1	1	14.250078
HS15_str_opr	BOBJ1	202.16	Before	Interior Girder 4	31.95	0.95	1	1	14.250078
HS15_str_opr	BOBJ1	202.16	Before	Interior Girder 5	31.95	0.95	1	1	16.337453
HS15_str_opr	BOBJ1	202.16	Before	Interior Girder 6	31.95	0.95	1	1	17.849838
HS15_str_opr	BOBJ1	202.16	Before	Right Exterior Girder	31.95	0.95	1	1	30.200214
HS15_str_opr	BOBJ1	202.16	After	Left Exterior Girder	31.95	0.95	1	1	41.266598
HS15_str_opr	BOBJ1	202.16	After	Interior Girder 1	31.95	0.95	1	1	17.357199
HS15_str_opr	BOBJ1	202.16	After	Interior Girder 2	31.95	0.95	1	1	15.199519
HS15_str_opr	BOBJ1	202.16	After	Interior Girder 3	31.95	0.95	1	1	12.897755
HS15_str_opr	BOBJ1	202.16	After	Interior Girder 4	31.95	0.95	1	1	12.897755
HS15_str_opr	BOBJ1	202.16	After	Interior Girder 5	31.95	0.95	1	1	15.199519
HS15_str_opr	BOBJ1	202.16	After	Interior Girder 6	31.95	0.95	1	1	17.357199
HS15_str_opr	BOBJ1	202.16	After	Right Exterior Girder	31.95	0.95	1	1	41.266598
HS15_str_opr	BOBJ1	208.55	Before	Left Exterior Girder	38.34	0.95	1	1	40.816132
HS15_str_opr	BOBJ1	208.55	Before	Interior Girder 1	38.34	0.95	1	1	17.087419
HS15_str_opr	BOBJ1	208.55	Before	Interior Girder 2	38.34	0.95	1	1	14.962267
HS15_str_opr	BOBJ1	208.55	Before	Interior Girder 3	38.34	0.95	1	1	12.696395
HS15_str_opr	BOBJ1	208.55	Before	Interior Girder 4	38.34	0.95	1	1	12.696395
HS15_str_opr	BOBJ1	208.55	Before	Interior Girder 5	38.34	0.95	1	1	14.962267
HS15_str_opr	BOBJ1	208.55	Before	Interior Girder 6	38.34	0.95	1	1	17.087419
HS15_str_opr	BOBJ1	208.55	Before	Right Exterior Girder	38.34	0.95	1	1	40.816132
HS15_str_opr	BOBJ1	208.55	After	Left Exterior Girder	38.34	0.95	1	1	21.785877
HS15_str_opr	BOBJ1	208.55	After	Interior Girder 1	38.34	0.95	1	1	18.955506
HS15_str_opr	BOBJ1	208.55	After	Interior Girder 2	38.34	0.95	1	1	17.010825
HS15_str_opr	BOBJ1	208.55	After	Interior Girder 3	38.34	0.95	1	1	16.426098
HS15_str_opr	BOBJ1	208.55	After	Interior Girder 4	38.34	0.95	1	1	16.426098
HS15_str_opr	BOBJ1	208.55	After	Interior Girder 5	38.34	0.95	1	1	17.010825
HS15_str_opr	BOBJ1	208.55	After	Interior Girder 6	38.34	0.95	1	1	18.955506
HS15_str_opr	BOBJ1	208.55	After	Right Exterior Girder	38.34	0.95	1	1	21.785877

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Approach, Span 16-19									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
HS15_str_opr	BOBJ1	215.1233	Before	Left Exterior Girder	44.9133	0.95	1	1	21.535122
HS15_str_opr	BOBJ1	215.1233	Before	Interior Girder 1	44.9133	0.95	1	1	18.642523
HS15_str_opr	BOBJ1	215.1233	Before	Interior Girder 2	44.9133	0.95	1	1	16.731741
HS15_str_opr	BOBJ1	215.1233	Before	Interior Girder 3	44.9133	0.95	1	1	16.156173
HS15_str_opr	BOBJ1	215.1233	Before	Interior Girder 4	44.9133	0.95	1	1	16.156173
HS15_str_opr	BOBJ1	215.1233	Before	Interior Girder 5	44.9133	0.95	1	1	16.731741
HS15_str_opr	BOBJ1	215.1233	Before	Interior Girder 6	44.9133	0.95	1	1	18.642523
HS15_str_opr	BOBJ1	215.1233	Before	Right Exterior Girder	44.9133	0.95	1	1	21.535122
HS15_str_opr	BOBJ1	215.1233	After	Left Exterior Girder	44.9133	0.95	1	1	17.700065
HS15_str_opr	BOBJ1	215.1233	After	Interior Girder 1	44.9133	0.95	1	1	13.192432
HS15_str_opr	BOBJ1	215.1233	After	Interior Girder 2	44.9133	0.95	1	1	11.996901
HS15_str_opr	BOBJ1	215.1233	After	Interior Girder 3	44.9133	0.95	1	1	11.375945
HS15_str_opr	BOBJ1	215.1233	After	Interior Girder 4	44.9133	0.95	1	1	11.375945
HS15_str_opr	BOBJ1	215.1233	After	Interior Girder 5	44.9133	0.95	1	1	11.996901
HS15_str_opr	BOBJ1	215.1233	After	Interior Girder 6	44.9133	0.95	1	1	13.192432
HS15_str_opr	BOBJ1	215.1233	After	Right Exterior Girder	44.9133	0.95	1	1	17.700065
HS15_str_opr	BOBJ1	221.6967	Before	Left Exterior Girder	51.4867	0.95	1	1	17.489422
HS15_str_opr	BOBJ1	221.6967	Before	Interior Girder 1	51.4867	0.95	1	1	12.969827
HS15_str_opr	BOBJ1	221.6967	Before	Interior Girder 2	51.4867	0.95	1	1	11.795548
HS15_str_opr	BOBJ1	221.6967	Before	Interior Girder 3	51.4867	0.95	1	1	11.184659
HS15_str_opr	BOBJ1	221.6967	Before	Interior Girder 4	51.4867	0.95	1	1	11.184659
HS15_str_opr	BOBJ1	221.6967	Before	Interior Girder 5	51.4867	0.95	1	1	11.795548
HS15_str_opr	BOBJ1	221.6967	Before	Interior Girder 6	51.4867	0.95	1	1	12.969827
HS15_str_opr	BOBJ1	221.6967	Before	Right Exterior Girder	51.4867	0.95	1	1	17.489422
HS15_str_opr	BOBJ1	221.6967	After	Left Exterior Girder	51.4867	0.95	1	1	14.942448
HS15_str_opr	BOBJ1	221.6967	After	Interior Girder 1	51.4867	0.95	1	1	9.449957
HS15_str_opr	BOBJ1	221.6967	After	Interior Girder 2	51.4867	0.95	1	1	8.792381
HS15_str_opr	BOBJ1	221.6967	After	Interior Girder 3	51.4867	0.95	1	1	7.728747
HS15_str_opr	BOBJ1	221.6967	After	Interior Girder 4	51.4867	0.95	1	1	7.728747
HS15_str_opr	BOBJ1	221.6967	After	Interior Girder 5	51.4867	0.95	1	1	8.792381
HS15_str_opr	BOBJ1	221.6967	After	Interior Girder 6	51.4867	0.95	1	1	9.449957
HS15_str_opr	BOBJ1	221.6967	After	Right Exterior Girder	51.4867	0.95	1	1	14.942448
HS15_str_opr	BOBJ1	228.27	Before	Left Exterior Girder	58.06	0.95	1	1	14.758161
HS15_str_opr	BOBJ1	228.27	Before	Interior Girder 1	58.06	0.95	1	1	9.287117
HS15_str_opr	BOBJ1	228.27	Before	Interior Girder 2	58.06	0.95	1	1	8.641434
HS15_str_opr	BOBJ1	228.27	Before	Interior Girder 3	58.06	0.95	1	1	7.595607
HS15_str_opr	BOBJ1	228.27	Before	Interior Girder 4	58.06	0.95	1	1	7.595607
HS15_str_opr	BOBJ1	228.27	Before	Interior Girder 5	58.06	0.95	1	1	8.641434
HS15_str_opr	BOBJ1	228.27	Before	Interior Girder 6	58.06	0.95	1	1	9.287117
HS15_str_opr	BOBJ1	228.27	Before	Right Exterior Girder	58.06	0.95	1	1	14.758161
HS15_str_inv	BOBJ1	0	After	Left Exterior Girder	0	0.95	1	1	10.446572
HS15_str_inv	BOBJ1	0	After	Interior Girder 1	0	0.95	1	1	6.529447
HS15_str_inv	BOBJ1	0	After	Interior Girder 2	0	0.95	1	1	6.096315
HS15_str_inv	BOBJ1	0	After	Interior Girder 3	0	0.95	1	1	5.250113
HS15_str_inv	BOBJ1	0	After	Interior Girder 4	0	0.95	1	1	5.250113
HS15_str_inv	BOBJ1	0	After	Interior Girder 5	0	0.95	1	1	6.096315
HS15_str_inv	BOBJ1	0	After	Interior Girder 6	0	0.95	1	1	6.529447
HS15_str_inv	BOBJ1	0	After	Right Exterior Girder	0	0.95	1	1	10.446572
HS15_str_inv	BOBJ1	5.3833	Before	Left Exterior Girder	5.3833	0.95	1	1	10.565968
HS15_str_inv	BOBJ1	5.3833	Before	Interior Girder 1	5.3833	0.95	1	1	6.631876
HS15_str_inv	BOBJ1	5.3833	Before	Interior Girder 2	5.3833	0.95	1	1	6.191636
HS15_str_inv	BOBJ1	5.3833	Before	Interior Girder 3	5.3833	0.95	1	1	5.332601
HS15_str_inv	BOBJ1	5.3833	Before	Interior Girder 4	5.3833	0.95	1	1	5.332601
HS15_str_inv	BOBJ1	5.3833	Before	Interior Girder 5	5.3833	0.95	1	1	6.191636
HS15_str_inv	BOBJ1	5.3833	Before	Interior Girder 6	5.3833	0.95	1	1	6.631876
HS15_str_inv	BOBJ1	5.3833	Before	Right Exterior Girder	5.3833	0.95	1	1	10.565968
HS15_str_inv	BOBJ1	5.3833	After	Left Exterior Girder	5.3833	0.95	1	1	12.73713
HS15_str_inv	BOBJ1	5.3833	After	Interior Girder 1	5.3833	0.95	1	1	9.161308
HS15_str_inv	BOBJ1	5.3833	After	Interior Girder 2	5.3833	0.95	1	1	8.29574
HS15_str_inv	BOBJ1	5.3833	After	Interior Girder 3	5.3833	0.95	1	1	7.735617
HS15_str_inv	BOBJ1	5.3833	After	Interior Girder 4	5.3833	0.95	1	1	7.735617
HS15_str_inv	BOBJ1	5.3833	After	Interior Girder 5	5.3833	0.95	1	1	8.29574
HS15_str_inv	BOBJ1	5.3833	After	Interior Girder 6	5.3833	0.95	1	1	9.161308
HS15_str_inv	BOBJ1	5.3833	After	Right Exterior Girder	5.3833	0.95	1	1	12.73713
HS15_str_inv	BOBJ1	10.7667	Before	Left Exterior Girder	10.7667	0.95	1	1	12.877757

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Approach, Span 16-19									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
HS15_str_inv	BOBJ1	10.7667	Before	Interior Girder 1	10.7667	0.95	1	1	9.302284
HS15_str_inv	BOBJ1	10.7667	Before	Interior Girder 2	10.7667	0.95	1	1	8.422722
HS15_str_inv	BOBJ1	10.7667	Before	Interior Girder 3	10.7667	0.95	1	1	7.854514
HS15_str_inv	BOBJ1	10.7667	Before	Interior Girder 4	10.7667	0.95	1	1	7.854514
HS15_str_inv	BOBJ1	10.7667	Before	Interior Girder 5	10.7667	0.95	1	1	8.422722
HS15_str_inv	BOBJ1	10.7667	Before	Interior Girder 6	10.7667	0.95	1	1	9.302284
HS15_str_inv	BOBJ1	10.7667	Before	Right Exterior Girder	10.7667	0.95	1	1	12.877757
HS15_str_inv	BOBJ1	10.7667	After	Left Exterior Girder	10.7667	0.95	1	1	16.137803
HS15_str_inv	BOBJ1	10.7667	After	Interior Girder 1	10.7667	0.95	1	1	13.184683
HS15_str_inv	BOBJ1	10.7667	After	Interior Girder 2	10.7667	0.95	1	1	11.7057
HS15_str_inv	BOBJ1	10.7667	After	Interior Girder 3	10.7667	0.95	1	1	11.184349
HS15_str_inv	BOBJ1	10.7667	After	Interior Girder 4	10.7667	0.95	1	1	11.184349
HS15_str_inv	BOBJ1	10.7667	After	Interior Girder 5	10.7667	0.95	1	1	11.7057
HS15_str_inv	BOBJ1	10.7667	After	Interior Girder 6	10.7667	0.95	1	1	13.184683
HS15_str_inv	BOBJ1	10.7667	After	Right Exterior Girder	10.7667	0.95	1	1	16.137803
HS15_str_inv	BOBJ1	16.15	Before	Left Exterior Girder	16.15	0.95	1	1	16.310245
HS15_str_inv	BOBJ1	16.15	Before	Interior Girder 1	16.15	0.95	1	1	13.383592
HS15_str_inv	BOBJ1	16.15	Before	Interior Girder 2	16.15	0.95	1	1	11.881171
HS15_str_inv	BOBJ1	16.15	Before	Interior Girder 3	16.15	0.95	1	1	11.352637
HS15_str_inv	BOBJ1	16.15	Before	Interior Girder 4	16.15	0.95	1	1	11.352637
HS15_str_inv	BOBJ1	16.15	Before	Interior Girder 5	16.15	0.95	1	1	11.881171
HS15_str_inv	BOBJ1	16.15	Before	Interior Girder 6	16.15	0.95	1	1	13.383592
HS15_str_inv	BOBJ1	16.15	Before	Right Exterior Girder	16.15	0.95	1	1	16.310245
HS15_str_inv	BOBJ1	16.15	After	Left Exterior Girder	16.15	0.95	1	1	30.067026
HS15_str_inv	BOBJ1	16.15	After	Interior Girder 1	16.15	0.95	1	1	13.051146
HS15_str_inv	BOBJ1	16.15	After	Interior Girder 2	16.15	0.95	1	1	11.339088
HS15_str_inv	BOBJ1	16.15	After	Interior Girder 3	16.15	0.95	1	1	9.610428
HS15_str_inv	BOBJ1	16.15	After	Interior Girder 4	16.15	0.95	1	1	9.610428
HS15_str_inv	BOBJ1	16.15	After	Interior Girder 5	16.15	0.95	1	1	11.339088
HS15_str_inv	BOBJ1	16.15	After	Interior Girder 6	16.15	0.95	1	1	13.051146
HS15_str_inv	BOBJ1	16.15	After	Right Exterior Girder	16.15	0.95	1	1	30.067026
HS15_str_inv	BOBJ1	22.1267	Before	Left Exterior Girder	22.1267	0.95	1	1	29.710964
HS15_str_inv	BOBJ1	22.1267	Before	Interior Girder 1	22.1267	0.95	1	1	13.263128
HS15_str_inv	BOBJ1	22.1267	Before	Interior Girder 2	22.1267	0.95	1	1	11.524281
HS15_str_inv	BOBJ1	22.1267	Before	Interior Girder 3	22.1267	0.95	1	1	9.76731
HS15_str_inv	BOBJ1	22.1267	Before	Interior Girder 4	22.1267	0.95	1	1	9.76731
HS15_str_inv	BOBJ1	22.1267	Before	Interior Girder 5	22.1267	0.95	1	1	11.524281
HS15_str_inv	BOBJ1	22.1267	Before	Interior Girder 6	22.1267	0.95	1	1	13.263128
HS15_str_inv	BOBJ1	22.1267	Before	Right Exterior Girder	22.1267	0.95	1	1	29.710964
HS15_str_inv	BOBJ1	22.1267	After	Left Exterior Girder	22.1267	0.95	1	1	19.069853
HS15_str_inv	BOBJ1	22.1267	After	Interior Girder 1	22.1267	0.95	1	1	11.772803
HS15_str_inv	BOBJ1	22.1267	After	Interior Girder 2	22.1267	0.95	1	1	10.78511
HS15_str_inv	BOBJ1	22.1267	After	Interior Girder 3	22.1267	0.95	1	1	9.276885
HS15_str_inv	BOBJ1	22.1267	After	Interior Girder 4	22.1267	0.95	1	1	9.276885
HS15_str_inv	BOBJ1	22.1267	After	Interior Girder 5	22.1267	0.95	1	1	10.78511
HS15_str_inv	BOBJ1	22.1267	After	Interior Girder 6	22.1267	0.95	1	1	11.772803
HS15_str_inv	BOBJ1	22.1267	After	Right Exterior Girder	22.1267	0.95	1	1	19.069853
HS15_str_inv	BOBJ1	28.1033	Before	Left Exterior Girder	28.1033	0.95	1	1	18.835695
HS15_str_inv	BOBJ1	28.1033	Before	Interior Girder 1	28.1033	0.95	1	1	11.573026
HS15_str_inv	BOBJ1	28.1033	Before	Interior Girder 2	28.1033	0.95	1	1	10.60288
HS15_str_inv	BOBJ1	28.1033	Before	Interior Girder 3	28.1033	0.95	1	1	9.120049
HS15_str_inv	BOBJ1	28.1033	Before	Interior Girder 4	28.1033	0.95	1	1	9.120049
HS15_str_inv	BOBJ1	28.1033	Before	Interior Girder 5	28.1033	0.95	1	1	10.60288
HS15_str_inv	BOBJ1	28.1033	Before	Interior Girder 6	28.1033	0.95	1	1	11.573026
HS15_str_inv	BOBJ1	28.1033	Before	Right Exterior Girder	28.1033	0.95	1	1	18.835695
HS15_str_inv	BOBJ1	28.1033	After	Left Exterior Girder	28.1033	0.95	1	1	14.036207
HS15_str_inv	BOBJ1	28.1033	After	Interior Girder 1	28.1033	0.95	1	1	8.102631
HS15_str_inv	BOBJ1	28.1033	After	Interior Girder 2	28.1033	0.95	1	1	7.364741
HS15_str_inv	BOBJ1	28.1033	After	Interior Girder 3	28.1033	0.95	1	1	6.27324
HS15_str_inv	BOBJ1	28.1033	After	Interior Girder 4	28.1033	0.95	1	1	6.27324
HS15_str_inv	BOBJ1	28.1033	After	Interior Girder 5	28.1033	0.95	1	1	7.364741
HS15_str_inv	BOBJ1	28.1033	After	Interior Girder 6	28.1033	0.95	1	1	8.102631
HS15_str_inv	BOBJ1	28.1033	After	Right Exterior Girder	28.1033	0.95	1	1	14.036207
HS15_str_inv	BOBJ1	34.08	Before	Left Exterior Girder	34.08	0.95	1	1	13.85716
HS15_str_inv	BOBJ1	34.08	Before	Interior Girder 1	34.08	0.95	1	1	7.962103

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Approach, Span 16-19									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
HS15_str_inv	BOBJ1	34.08	Before	Interior Girder 2	34.08	0.95	1	1	7.237366
HS15_str_inv	BOBJ1	34.08	Before	Interior Girder 3	34.08	0.95	1	1	6.164585
HS15_str_inv	BOBJ1	34.08	Before	Interior Girder 4	34.08	0.95	1	1	6.164585
HS15_str_inv	BOBJ1	34.08	Before	Interior Girder 5	34.08	0.95	1	1	7.237366
HS15_str_inv	BOBJ1	34.08	Before	Interior Girder 6	34.08	0.95	1	1	7.962103
HS15_str_inv	BOBJ1	34.08	Before	Right Exterior Girder	34.08	0.95	1	1	13.85716
HS15_str_inv	BOBJ1	34.08	After	Left Exterior Girder	34.08	0.95	1	1	9.000503
HS15_str_inv	BOBJ1	34.08	After	Interior Girder 1	34.08	0.95	1	1	7.40481
HS15_str_inv	BOBJ1	34.08	After	Interior Girder 2	34.08	0.95	1	1	6.724636
HS15_str_inv	BOBJ1	34.08	After	Interior Girder 3	34.08	0.95	1	1	5.998846
HS15_str_inv	BOBJ1	34.08	After	Interior Girder 4	34.08	0.95	1	1	5.998846
HS15_str_inv	BOBJ1	34.08	After	Interior Girder 5	34.08	0.95	1	1	6.724636
HS15_str_inv	BOBJ1	34.08	After	Interior Girder 6	34.08	0.95	1	1	7.40481
HS15_str_inv	BOBJ1	34.08	After	Right Exterior Girder	34.08	0.95	1	1	9.000503
HS15_str_inv	BOBJ1	39.855	Before	Left Exterior Girder	39.855	0.95	1	1	8.884603
HS15_str_inv	BOBJ1	39.855	Before	Interior Girder 1	39.855	0.95	1	1	7.277865
HS15_str_inv	BOBJ1	39.855	Before	Interior Girder 2	39.855	0.95	1	1	6.61069
HS15_str_inv	BOBJ1	39.855	Before	Interior Girder 3	39.855	0.95	1	1	5.894771
HS15_str_inv	BOBJ1	39.855	Before	Interior Girder 4	39.855	0.95	1	1	5.894771
HS15_str_inv	BOBJ1	39.855	Before	Interior Girder 5	39.855	0.95	1	1	6.61069
HS15_str_inv	BOBJ1	39.855	Before	Interior Girder 6	39.855	0.95	1	1	7.277865
HS15_str_inv	BOBJ1	39.855	Before	Right Exterior Girder	39.855	0.95	1	1	8.884603
HS15_str_inv	BOBJ1	39.855	After	Left Exterior Girder	39.855	0.95	1	1	5.315031
HS15_str_inv	BOBJ1	39.855	After	Interior Girder 1	39.855	0.95	1	1	6.956436
HS15_str_inv	BOBJ1	39.855	After	Interior Girder 2	39.855	0.95	1	1	5.135474
HS15_str_inv	BOBJ1	39.855	After	Interior Girder 3	39.855	0.95	1	1	4.214177
HS15_str_inv	BOBJ1	39.855	After	Interior Girder 4	39.855	0.95	1	1	4.214177
HS15_str_inv	BOBJ1	39.855	After	Interior Girder 5	39.855	0.95	1	1	5.135474
HS15_str_inv	BOBJ1	39.855	After	Interior Girder 6	39.855	0.95	1	1	6.956436
HS15_str_inv	BOBJ1	39.855	After	Right Exterior Girder	39.855	0.95	1	1	5.315031
HS15_str_inv	BOBJ1	40.0288	Before	Left Exterior Girder	40.0288	0.95	1	1	5.312747
HS15_str_inv	BOBJ1	40.0288	Before	Right Exterior Girder	40.0288	0.95	1	1	5.312747
HS15_str_inv	BOBJ1	40.0288	After	Left Exterior Girder	40.0288	0.95	1	1	7.714092
HS15_str_inv	BOBJ1	40.0288	After	Right Exterior Girder	40.0288	0.95	1	1	7.714092
HS15_str_inv	BOBJ1	45.63	Before	Left Exterior Girder	45.63	0.95	1	1	7.607862
HS15_str_inv	BOBJ1	45.63	Before	Interior Girder 1	45.63	0.95	1	1	5.429008
HS15_str_inv	BOBJ1	45.63	Before	Interior Girder 2	45.63	0.95	1	1	5.046582
HS15_str_inv	BOBJ1	45.63	Before	Interior Girder 3	45.63	0.95	1	1	4.13909
HS15_str_inv	BOBJ1	45.63	Before	Interior Girder 4	45.63	0.95	1	1	4.13909
HS15_str_inv	BOBJ1	45.63	Before	Interior Girder 5	45.63	0.95	1	1	5.046582
HS15_str_inv	BOBJ1	45.63	Before	Interior Girder 6	45.63	0.95	1	1	5.429008
HS15_str_inv	BOBJ1	45.63	Before	Right Exterior Girder	45.63	0.95	1	1	7.607862
HS15_str_inv	BOBJ1	45.63	After	Left Exterior Girder	0	0.95	1	1	6.399981
HS15_str_inv	BOBJ1	45.63	After	Interior Girder 1	0	0.95	1	1	5.087136
HS15_str_inv	BOBJ1	45.63	After	Interior Girder 2	0	0.95	1	1	4.68787
HS15_str_inv	BOBJ1	45.63	After	Interior Girder 3	0	0.95	1	1	3.933003
HS15_str_inv	BOBJ1	45.63	After	Interior Girder 4	0	0.95	1	1	3.933003
HS15_str_inv	BOBJ1	45.63	After	Interior Girder 5	0	0.95	1	1	4.68787
HS15_str_inv	BOBJ1	45.63	After	Interior Girder 6	0	0.95	1	1	5.087136
HS15_str_inv	BOBJ1	45.63	After	Right Exterior Girder	0	0.95	1	1	6.399981
HS15_str_inv	BOBJ1	50.6298	Before	Left Exterior Girder	4.9998	0.95	1	1	6.481463
HS15_str_inv	BOBJ1	50.6298	Before	Right Exterior Girder	4.9998	0.95	1	1	6.481463
HS15_str_inv	BOBJ1	50.6298	After	Left Exterior Girder	4.9998	0.95	1	1	4.839208
HS15_str_inv	BOBJ1	50.6298	After	Right Exterior Girder	4.9998	0.95	1	1	4.839208
HS15_str_inv	BOBJ1	51.4	Before	Left Exterior Girder	5.77	0.95	1	1	4.84856
HS15_str_inv	BOBJ1	51.4	Before	Interior Girder 1	5.77	0.95	1	1	6.114205
HS15_str_inv	BOBJ1	51.4	Before	Interior Girder 2	5.77	0.95	1	1	4.771783
HS15_str_inv	BOBJ1	51.4	Before	Interior Girder 3	5.77	0.95	1	1	4.005502
HS15_str_inv	BOBJ1	51.4	Before	Interior Girder 4	5.77	0.95	1	1	4.005502
HS15_str_inv	BOBJ1	51.4	Before	Interior Girder 5	5.77	0.95	1	1	4.771783
HS15_str_inv	BOBJ1	51.4	Before	Interior Girder 6	5.77	0.95	1	1	6.114205
HS15_str_inv	BOBJ1	51.4	Before	Right Exterior Girder	5.77	0.95	1	1	4.84856
HS15_str_inv	BOBJ1	51.4	After	Left Exterior Girder	5.77	0.95	1	1	7.044573
HS15_str_inv	BOBJ1	51.4	After	Interior Girder 1	5.77	0.95	1	1	6.454479
HS15_str_inv	BOBJ1	51.4	After	Interior Girder 2	5.77	0.95	1	1	5.920872

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Approach, Span 16-19									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
HS15_str_inv	BOBJ1	51.4	After	Interior Girder 3	5.77	0.95	1	1	5.306785
HS15_str_inv	BOBJ1	51.4	After	Interior Girder 4	5.77	0.95	1	1	5.306785
HS15_str_inv	BOBJ1	51.4	After	Interior Girder 5	5.77	0.95	1	1	5.920872
HS15_str_inv	BOBJ1	51.4	After	Interior Girder 6	5.77	0.95	1	1	6.454479
HS15_str_inv	BOBJ1	51.4	After	Right Exterior Girder	5.77	0.95	1	1	7.044573
HS15_str_inv	BOBJ1	57.17	Before	Left Exterior Girder	11.54	0.95	1	1	7.13822
HS15_str_inv	BOBJ1	57.17	Before	Interior Girder 1	11.54	0.95	1	1	6.568855
HS15_str_inv	BOBJ1	57.17	Before	Interior Girder 2	11.54	0.95	1	1	6.024536
HS15_str_inv	BOBJ1	57.17	Before	Interior Girder 3	11.54	0.95	1	1	5.401943
HS15_str_inv	BOBJ1	57.17	Before	Interior Girder 4	11.54	0.95	1	1	5.401943
HS15_str_inv	BOBJ1	57.17	Before	Interior Girder 5	11.54	0.95	1	1	6.024536
HS15_str_inv	BOBJ1	57.17	Before	Interior Girder 6	11.54	0.95	1	1	6.568855
HS15_str_inv	BOBJ1	57.17	Before	Right Exterior Girder	11.54	0.95	1	1	7.13822
HS15_str_inv	BOBJ1	57.17	After	Left Exterior Girder	11.54	0.95	1	1	10.065966
HS15_str_inv	BOBJ1	57.17	After	Interior Girder 1	11.54	0.95	1	1	6.62453
HS15_str_inv	BOBJ1	57.17	After	Interior Girder 2	11.54	0.95	1	1	6.262181
HS15_str_inv	BOBJ1	57.17	After	Interior Girder 3	11.54	0.95	1	1	5.529419
HS15_str_inv	BOBJ1	57.17	After	Interior Girder 4	11.54	0.95	1	1	5.529419
HS15_str_inv	BOBJ1	57.17	After	Interior Girder 5	11.54	0.95	1	1	6.262181
HS15_str_inv	BOBJ1	57.17	After	Interior Girder 6	11.54	0.95	1	1	6.62453
HS15_str_inv	BOBJ1	57.17	After	Right Exterior Girder	11.54	0.95	1	1	10.065966
HS15_str_inv	BOBJ1	63.34	Before	Left Exterior Girder	17.71	0.95	1	1	10.2027
HS15_str_inv	BOBJ1	63.34	Before	Interior Girder 1	17.71	0.95	1	1	6.747408
HS15_str_inv	BOBJ1	63.34	Before	Interior Girder 2	17.71	0.95	1	1	6.377767
HS15_str_inv	BOBJ1	63.34	Before	Interior Girder 3	17.71	0.95	1	1	5.631526
HS15_str_inv	BOBJ1	63.34	Before	Interior Girder 4	17.71	0.95	1	1	5.631526
HS15_str_inv	BOBJ1	63.34	Before	Interior Girder 5	17.71	0.95	1	1	6.377767
HS15_str_inv	BOBJ1	63.34	Before	Interior Girder 6	17.71	0.95	1	1	6.747408
HS15_str_inv	BOBJ1	63.34	Before	Right Exterior Girder	17.71	0.95	1	1	10.2027
HS15_str_inv	BOBJ1	63.34	After	Left Exterior Girder	17.71	0.95	1	1	11.779213
HS15_str_inv	BOBJ1	63.34	After	Interior Girder 1	17.71	0.95	1	1	8.769987
HS15_str_inv	BOBJ1	63.34	After	Interior Girder 2	17.71	0.95	1	1	8.190367
HS15_str_inv	BOBJ1	63.34	After	Interior Girder 3	17.71	0.95	1	1	7.707273
HS15_str_inv	BOBJ1	63.34	After	Interior Girder 4	17.71	0.95	1	1	7.707273
HS15_str_inv	BOBJ1	63.34	After	Interior Girder 5	17.71	0.95	1	1	8.190367
HS15_str_inv	BOBJ1	63.34	After	Interior Girder 6	17.71	0.95	1	1	8.769987
HS15_str_inv	BOBJ1	63.34	After	Right Exterior Girder	17.71	0.95	1	1	11.779213
HS15_str_inv	BOBJ1	69.51	Before	Left Exterior Girder	23.88	0.95	1	1	11.932869
HS15_str_inv	BOBJ1	69.51	Before	Interior Girder 1	23.88	0.95	1	1	8.928922
HS15_str_inv	BOBJ1	69.51	Before	Interior Girder 2	23.88	0.95	1	1	8.337817
HS15_str_inv	BOBJ1	69.51	Before	Interior Girder 3	23.88	0.95	1	1	7.845968
HS15_str_inv	BOBJ1	69.51	Before	Interior Girder 4	23.88	0.95	1	1	7.845968
HS15_str_inv	BOBJ1	69.51	Before	Interior Girder 5	23.88	0.95	1	1	8.337817
HS15_str_inv	BOBJ1	69.51	Before	Interior Girder 6	23.88	0.95	1	1	8.928922
HS15_str_inv	BOBJ1	69.51	Before	Right Exterior Girder	23.88	0.95	1	1	11.932869
HS15_str_inv	BOBJ1	69.51	After	Left Exterior Girder	23.88	0.95	1	1	14.217492
HS15_str_inv	BOBJ1	69.51	After	Interior Girder 1	23.88	0.95	1	1	12.160346
HS15_str_inv	BOBJ1	69.51	After	Interior Girder 2	23.88	0.95	1	1	11.174783
HS15_str_inv	BOBJ1	69.51	After	Interior Girder 3	23.88	0.95	1	1	10.34582
HS15_str_inv	BOBJ1	69.51	After	Interior Girder 4	23.88	0.95	1	1	10.34582
HS15_str_inv	BOBJ1	69.51	After	Interior Girder 5	23.88	0.95	1	1	11.174783
HS15_str_inv	BOBJ1	69.51	After	Interior Girder 6	23.88	0.95	1	1	12.160346
HS15_str_inv	BOBJ1	69.51	After	Right Exterior Girder	23.88	0.95	1	1	14.217492
HS15_str_inv	BOBJ1	75.68	Before	Left Exterior Girder	30.05	0.95	1	1	14.395998
HS15_str_inv	BOBJ1	75.68	Before	Interior Girder 1	30.05	0.95	1	1	12.375616
HS15_str_inv	BOBJ1	75.68	Before	Interior Girder 2	30.05	0.95	1	1	11.371023
HS15_str_inv	BOBJ1	75.68	Before	Interior Girder 3	30.05	0.95	1	1	10.176291
HS15_str_inv	BOBJ1	75.68	Before	Interior Girder 4	30.05	0.95	1	1	10.176291
HS15_str_inv	BOBJ1	75.68	Before	Interior Girder 5	30.05	0.95	1	1	11.371023
HS15_str_inv	BOBJ1	75.68	Before	Interior Girder 6	30.05	0.95	1	1	12.375616
HS15_str_inv	BOBJ1	75.68	Before	Right Exterior Girder	30.05	0.95	1	1	14.395998
HS15_str_inv	BOBJ1	75.68	After	Left Exterior Girder	30.05	0.95	1	1	23.15192
HS15_str_inv	BOBJ1	75.68	After	Interior Girder 1	30.05	0.95	1	1	11.310482
HS15_str_inv	BOBJ1	75.68	After	Interior Girder 2	30.05	0.95	1	1	9.834899
HS15_str_inv	BOBJ1	75.68	After	Interior Girder 3	30.05	0.95	1	1	8.337428

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Approach, Span 16-19									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
HS15_str_inv	BOBJ1	75.68	After	Interior Girder 4	30.05	0.95	1	1	8.337428
HS15_str_inv	BOBJ1	75.68	After	Interior Girder 5	30.05	0.95	1	1	9.834899
HS15_str_inv	BOBJ1	75.68	After	Interior Girder 6	30.05	0.95	1	1	11.310482
HS15_str_inv	BOBJ1	75.68	After	Right Exterior Girder	30.05	0.95	1	1	23.15192
HS15_str_inv	BOBJ1	81.8467	Before	Left Exterior Girder	36.2167	0.95	1	1	22.876148
HS15_str_inv	BOBJ1	81.8467	Before	Interior Girder 1	36.2167	0.95	1	1	11.503258
HS15_str_inv	BOBJ1	81.8467	Before	Interior Girder 2	36.2167	0.95	1	1	10.003249
HS15_str_inv	BOBJ1	81.8467	Before	Interior Girder 3	36.2167	0.95	1	1	8.480185
HS15_str_inv	BOBJ1	81.8467	Before	Interior Girder 4	36.2167	0.95	1	1	8.480185
HS15_str_inv	BOBJ1	81.8467	Before	Interior Girder 5	36.2167	0.95	1	1	10.003249
HS15_str_inv	BOBJ1	81.8467	Before	Interior Girder 6	36.2167	0.95	1	1	11.503258
HS15_str_inv	BOBJ1	81.8467	Before	Right Exterior Girder	36.2167	0.95	1	1	22.876148
HS15_str_inv	BOBJ1	81.8467	After	Left Exterior Girder	36.2167	0.95	1	1	17.53587
HS15_str_inv	BOBJ1	81.8467	After	Interior Girder 1	36.2167	0.95	1	1	11.454076
HS15_str_inv	BOBJ1	81.8467	After	Interior Girder 2	36.2167	0.95	1	1	10.564617
HS15_str_inv	BOBJ1	81.8467	After	Interior Girder 3	36.2167	0.95	1	1	9.50471
HS15_str_inv	BOBJ1	81.8467	After	Interior Girder 4	36.2167	0.95	1	1	9.50471
HS15_str_inv	BOBJ1	81.8467	After	Interior Girder 5	36.2167	0.95	1	1	10.564617
HS15_str_inv	BOBJ1	81.8467	After	Interior Girder 6	36.2167	0.95	1	1	11.454076
HS15_str_inv	BOBJ1	81.8467	After	Right Exterior Girder	36.2167	0.95	1	1	17.53587
HS15_str_inv	BOBJ1	88.0133	Before	Left Exterior Girder	42.3833	0.95	1	1	17.319316
HS15_str_inv	BOBJ1	88.0133	Before	Interior Girder 1	42.3833	0.95	1	1	11.256797
HS15_str_inv	BOBJ1	88.0133	Before	Interior Girder 2	42.3833	0.95	1	1	10.383162
HS15_str_inv	BOBJ1	88.0133	Before	Interior Girder 3	42.3833	0.95	1	1	9.341583
HS15_str_inv	BOBJ1	88.0133	Before	Interior Girder 4	42.3833	0.95	1	1	9.341583
HS15_str_inv	BOBJ1	88.0133	Before	Interior Girder 5	42.3833	0.95	1	1	10.383162
HS15_str_inv	BOBJ1	88.0133	Before	Interior Girder 6	42.3833	0.95	1	1	11.256797
HS15_str_inv	BOBJ1	88.0133	Before	Right Exterior Girder	42.3833	0.95	1	1	17.319316
HS15_str_inv	BOBJ1	88.0133	After	Left Exterior Girder	42.3833	0.95	1	1	14.079107
HS15_str_inv	BOBJ1	88.0133	After	Interior Girder 1	42.3833	0.95	1	1	8.264617
HS15_str_inv	BOBJ1	88.0133	After	Interior Girder 2	42.3833	0.95	1	1	7.654933
HS15_str_inv	BOBJ1	88.0133	After	Interior Girder 3	42.3833	0.95	1	1	6.621563
HS15_str_inv	BOBJ1	88.0133	After	Interior Girder 4	42.3833	0.95	1	1	6.621563
HS15_str_inv	BOBJ1	88.0133	After	Interior Girder 5	42.3833	0.95	1	1	7.654933
HS15_str_inv	BOBJ1	88.0133	After	Interior Girder 6	42.3833	0.95	1	1	8.264617
HS15_str_inv	BOBJ1	88.0133	After	Right Exterior Girder	42.3833	0.95	1	1	14.079107
HS15_str_inv	BOBJ1	94.18	Before	Left Exterior Girder	48.55	0.95	1	1	13.898543
HS15_str_inv	BOBJ1	94.18	Before	Interior Girder 1	48.55	0.95	1	1	8.119024
HS15_str_inv	BOBJ1	94.18	Before	Interior Girder 2	48.55	0.95	1	1	7.520232
HS15_str_inv	BOBJ1	94.18	Before	Interior Girder 3	48.55	0.95	1	1	6.505133
HS15_str_inv	BOBJ1	94.18	Before	Interior Girder 4	48.55	0.95	1	1	6.505133
HS15_str_inv	BOBJ1	94.18	Before	Interior Girder 5	48.55	0.95	1	1	7.520232
HS15_str_inv	BOBJ1	94.18	Before	Interior Girder 6	48.55	0.95	1	1	8.119024
HS15_str_inv	BOBJ1	94.18	Before	Right Exterior Girder	48.55	0.95	1	1	13.898543
HS15_str_inv	BOBJ1	94.18	After	Left Exterior Girder	48.55	0.95	1	1	8.909125
HS15_str_inv	BOBJ1	94.18	After	Interior Girder 1	48.55	0.95	1	1	8.409807
HS15_str_inv	BOBJ1	94.18	After	Interior Girder 2	48.55	0.95	1	1	7.713868
HS15_str_inv	BOBJ1	94.18	After	Interior Girder 3	48.55	0.95	1	1	7.252895
HS15_str_inv	BOBJ1	94.18	After	Interior Girder 4	48.55	0.95	1	1	7.252895
HS15_str_inv	BOBJ1	94.18	After	Interior Girder 5	48.55	0.95	1	1	7.713868
HS15_str_inv	BOBJ1	94.18	After	Interior Girder 6	48.55	0.95	1	1	8.409807
HS15_str_inv	BOBJ1	94.18	After	Right Exterior Girder	48.55	0.95	1	1	8.909125
HS15_str_inv	BOBJ1	100.3567	Before	Left Exterior Girder	54.7267	0.95	1	1	8.790402
HS15_str_inv	BOBJ1	100.3567	Before	Interior Girder 1	54.7267	0.95	1	1	8.256973
HS15_str_inv	BOBJ1	100.3567	Before	Interior Girder 2	54.7267	0.95	1	1	7.575141
HS15_str_inv	BOBJ1	100.3567	Before	Interior Girder 3	54.7267	0.95	1	1	7.121054
HS15_str_inv	BOBJ1	100.3567	Before	Interior Girder 4	54.7267	0.95	1	1	7.121054
HS15_str_inv	BOBJ1	100.3567	Before	Interior Girder 5	54.7267	0.95	1	1	7.575141
HS15_str_inv	BOBJ1	100.3567	Before	Interior Girder 6	54.7267	0.95	1	1	8.256973
HS15_str_inv	BOBJ1	100.3567	Before	Right Exterior Girder	54.7267	0.95	1	1	8.790402
HS15_str_inv	BOBJ1	100.3567	After	Left Exterior Girder	54.7267	0.95	1	1	7.779785
HS15_str_inv	BOBJ1	100.3567	After	Interior Girder 1	54.7267	0.95	1	1	6.386685
HS15_str_inv	BOBJ1	100.3567	After	Interior Girder 2	54.7267	0.95	1	1	5.940029
HS15_str_inv	BOBJ1	100.3567	After	Interior Girder 3	54.7267	0.95	1	1	5.354489
HS15_str_inv	BOBJ1	100.3567	After	Interior Girder 4	54.7267	0.95	1	1	5.354489

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Approach, Span 16-19									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
HS15_str_inv	BOBJ1	100.3567	After	Interior Girder 5	54.7267	0.95	1	1	5.940029
HS15_str_inv	BOBJ1	100.3567	After	Interior Girder 6	54.7267	0.95	1	1	6.386685
HS15_str_inv	BOBJ1	100.3567	After	Right Exterior Girder	54.7267	0.95	1	1	7.779785
HS15_str_inv	BOBJ1	106.5333	Before	Left Exterior Girder	60.9033	0.95	1	1	7.671711
HS15_str_inv	BOBJ1	106.5333	Before	Interior Girder 1	60.9033	0.95	1	1	6.267907
HS15_str_inv	BOBJ1	106.5333	Before	Interior Girder 2	60.9033	0.95	1	1	5.830563
HS15_str_inv	BOBJ1	106.5333	Before	Interior Girder 3	60.9033	0.95	1	1	5.254526
HS15_str_inv	BOBJ1	106.5333	Before	Interior Girder 4	60.9033	0.95	1	1	5.254526
HS15_str_inv	BOBJ1	106.5333	Before	Interior Girder 5	60.9033	0.95	1	1	5.830563
HS15_str_inv	BOBJ1	106.5333	Before	Interior Girder 6	60.9033	0.95	1	1	6.267907
HS15_str_inv	BOBJ1	106.5333	Before	Right Exterior Girder	60.9033	0.95	1	1	7.671711
HS15_str_inv	BOBJ1	106.5333	After	Left Exterior Girder	60.9033	0.95	1	1	6.340271
HS15_str_inv	BOBJ1	106.5333	After	Interior Girder 1	60.9033	0.95	1	1	5.314552
HS15_str_inv	BOBJ1	106.5333	After	Interior Girder 2	60.9033	0.95	1	1	4.715555
HS15_str_inv	BOBJ1	106.5333	After	Interior Girder 3	60.9033	0.95	1	1	3.945116
HS15_str_inv	BOBJ1	106.5333	After	Interior Girder 4	60.9033	0.95	1	1	3.945116
HS15_str_inv	BOBJ1	106.5333	After	Interior Girder 5	60.9033	0.95	1	1	4.715555
HS15_str_inv	BOBJ1	106.5333	After	Interior Girder 6	60.9033	0.95	1	1	5.314552
HS15_str_inv	BOBJ1	106.5333	After	Right Exterior Girder	60.9033	0.95	1	1	6.340271
HS15_str_inv	BOBJ1	108.2102	Before	Left Exterior Girder	62.5802	0.95	1	1	6.314881
HS15_str_inv	BOBJ1	108.2102	Before	Right Exterior Girder	62.5802	0.95	1	1	6.314881
HS15_str_inv	BOBJ1	108.2102	After	Left Exterior Girder	62.5802	0.95	1	1	6.868467
HS15_str_inv	BOBJ1	108.2102	After	Right Exterior Girder	62.5802	0.95	1	1	6.868467
HS15_str_inv	BOBJ1	112.71	Before	Left Exterior Girder	67.08	0.95	1	1	6.791035
HS15_str_inv	BOBJ1	112.71	Before	Interior Girder 1	67.08	0.95	1	1	4.949171
HS15_str_inv	BOBJ1	112.71	Before	Interior Girder 2	67.08	0.95	1	1	4.62658
HS15_str_inv	BOBJ1	112.71	Before	Interior Girder 3	67.08	0.95	1	1	3.86933
HS15_str_inv	BOBJ1	112.71	Before	Interior Girder 4	67.08	0.95	1	1	3.86933
HS15_str_inv	BOBJ1	112.71	Before	Interior Girder 5	67.08	0.95	1	1	4.62658
HS15_str_inv	BOBJ1	112.71	Before	Interior Girder 6	67.08	0.95	1	1	4.949171
HS15_str_inv	BOBJ1	112.71	Before	Right Exterior Girder	67.08	0.95	1	1	6.791035
HS15_str_inv	BOBJ1	112.71	After	Left Exterior Girder	0	0.95	1	1	7.739067
HS15_str_inv	BOBJ1	112.71	After	Interior Girder 1	0	0.95	1	1	5.34339
HS15_str_inv	BOBJ1	112.71	After	Interior Girder 2	0	0.95	1	1	4.969689
HS15_str_inv	BOBJ1	112.71	After	Interior Girder 3	0	0.95	1	1	4.086287
HS15_str_inv	BOBJ1	112.71	After	Interior Girder 4	0	0.95	1	1	4.086287
HS15_str_inv	BOBJ1	112.71	After	Interior Girder 5	0	0.95	1	1	4.969689
HS15_str_inv	BOBJ1	112.71	After	Interior Girder 6	0	0.95	1	1	5.34339
HS15_str_inv	BOBJ1	112.71	After	Right Exterior Girder	0	0.95	1	1	7.739067
HS15_str_inv	BOBJ1	117.21	Before	Left Exterior Girder	4.5	0.95	1	1	7.824767
HS15_str_inv	BOBJ1	117.21	Before	Right Exterior Girder	4.5	0.95	1	1	7.824767
HS15_str_inv	BOBJ1	117.21	After	Left Exterior Girder	4.5	0.95	1	1	7.804111
HS15_str_inv	BOBJ1	117.21	After	Right Exterior Girder	4.5	0.95	1	1	7.804111
HS15_str_inv	BOBJ1	119.1	Before	Left Exterior Girder	6.39	0.95	1	1	7.838162
HS15_str_inv	BOBJ1	119.1	Before	Interior Girder 1	6.39	0.95	1	1	5.593899
HS15_str_inv	BOBJ1	119.1	Before	Interior Girder 2	6.39	0.95	1	1	5.066336
HS15_str_inv	BOBJ1	119.1	Before	Interior Girder 3	6.39	0.95	1	1	4.16728
HS15_str_inv	BOBJ1	119.1	Before	Interior Girder 4	6.39	0.95	1	1	4.16728
HS15_str_inv	BOBJ1	119.1	Before	Interior Girder 5	6.39	0.95	1	1	5.066336
HS15_str_inv	BOBJ1	119.1	Before	Interior Girder 6	6.39	0.95	1	1	5.593899
HS15_str_inv	BOBJ1	119.1	Before	Right Exterior Girder	6.39	0.95	1	1	7.838162
HS15_str_inv	BOBJ1	119.1	After	Left Exterior Girder	6.39	0.95	1	1	9.34377
HS15_str_inv	BOBJ1	119.1	After	Interior Girder 1	6.39	0.95	1	1	7.036432
HS15_str_inv	BOBJ1	119.1	After	Interior Girder 2	6.39	0.95	1	1	6.472041
HS15_str_inv	BOBJ1	119.1	After	Interior Girder 3	6.39	0.95	1	1	5.781675
HS15_str_inv	BOBJ1	119.1	After	Interior Girder 4	6.39	0.95	1	1	5.781675
HS15_str_inv	BOBJ1	119.1	After	Interior Girder 5	6.39	0.95	1	1	6.472041
HS15_str_inv	BOBJ1	119.1	After	Interior Girder 6	6.39	0.95	1	1	7.036432
HS15_str_inv	BOBJ1	119.1	After	Right Exterior Girder	6.39	0.95	1	1	9.34377
HS15_str_inv	BOBJ1	125.49	Before	Left Exterior Girder	12.78	0.95	1	1	9.475937
HS15_str_inv	BOBJ1	125.49	Before	Interior Girder 1	12.78	0.95	1	1	7.170926
HS15_str_inv	BOBJ1	125.49	Before	Interior Girder 2	12.78	0.95	1	1	6.594881
HS15_str_inv	BOBJ1	125.49	Before	Interior Girder 3	12.78	0.95	1	1	5.892956
HS15_str_inv	BOBJ1	125.49	Before	Interior Girder 4	12.78	0.95	1	1	5.892956
HS15_str_inv	BOBJ1	125.49	Before	Interior Girder 5	12.78	0.95	1	1	6.594881

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Approach, Span 16-19									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
HS15_str_inv	BOBJ1	125.49	Before	Interior Girder 6	12.78	0.95	1	1	7.170926
HS15_str_inv	BOBJ1	125.49	Before	Right Exterior Girder	12.78	0.95	1	1	9.475937
HS15_str_inv	BOBJ1	125.49	After	Left Exterior Girder	12.78	0.95	1	1	11.280622
HS15_str_inv	BOBJ1	125.49	After	Interior Girder 1	12.78	0.95	1	1	9.854204
HS15_str_inv	BOBJ1	125.49	After	Interior Girder 2	12.78	0.95	1	1	8.842773
HS15_str_inv	BOBJ1	125.49	After	Interior Girder 3	12.78	0.95	1	1	8.263515
HS15_str_inv	BOBJ1	125.49	After	Interior Girder 4	12.78	0.95	1	1	8.263515
HS15_str_inv	BOBJ1	125.49	After	Interior Girder 5	12.78	0.95	1	1	8.842773
HS15_str_inv	BOBJ1	125.49	After	Interior Girder 6	12.78	0.95	1	1	9.854204
HS15_str_inv	BOBJ1	125.49	After	Right Exterior Girder	12.78	0.95	1	1	11.280622
HS15_str_inv	BOBJ1	131.88	Before	Left Exterior Girder	19.17	0.95	1	1	11.433555
HS15_str_inv	BOBJ1	131.88	Before	Interior Girder 1	19.17	0.95	1	1	10.038131
HS15_str_inv	BOBJ1	131.88	Before	Interior Girder 2	19.17	0.95	1	1	9.006452
HS15_str_inv	BOBJ1	131.88	Before	Interior Girder 3	19.17	0.95	1	1	8.418273
HS15_str_inv	BOBJ1	131.88	Before	Interior Girder 4	19.17	0.95	1	1	8.418273
HS15_str_inv	BOBJ1	131.88	Before	Interior Girder 5	19.17	0.95	1	1	9.006452
HS15_str_inv	BOBJ1	131.88	Before	Interior Girder 6	19.17	0.95	1	1	10.038131
HS15_str_inv	BOBJ1	131.88	Before	Right Exterior Girder	19.17	0.95	1	1	11.433555
HS15_str_inv	BOBJ1	131.88	After	Left Exterior Girder	19.17	0.95	1	1	20.245429
HS15_str_inv	BOBJ1	131.88	After	Interior Girder 1	19.17	0.95	1	1	9.836732
HS15_str_inv	BOBJ1	131.88	After	Interior Girder 2	19.17	0.95	1	1	8.825016
HS15_str_inv	BOBJ1	131.88	After	Interior Girder 3	19.17	0.95	1	1	7.498984
HS15_str_inv	BOBJ1	131.88	After	Interior Girder 4	19.17	0.95	1	1	7.498984
HS15_str_inv	BOBJ1	131.88	After	Interior Girder 5	19.17	0.95	1	1	8.825016
HS15_str_inv	BOBJ1	131.88	After	Interior Girder 6	19.17	0.95	1	1	9.836732
HS15_str_inv	BOBJ1	131.88	After	Right Exterior Girder	19.17	0.95	1	1	20.245429
HS15_str_inv	BOBJ1	138.27	Before	Left Exterior Girder	25.56	0.95	1	1	20.509302
HS15_str_inv	BOBJ1	138.27	Before	Interior Girder 1	25.56	0.95	1	1	10.014875
HS15_str_inv	BOBJ1	138.27	Before	Interior Girder 2	25.56	0.95	1	1	8.985141
HS15_str_inv	BOBJ1	138.27	Before	Interior Girder 3	25.56	0.95	1	1	7.635084
HS15_str_inv	BOBJ1	138.27	Before	Interior Girder 4	25.56	0.95	1	1	7.635084
HS15_str_inv	BOBJ1	138.27	Before	Interior Girder 5	25.56	0.95	1	1	8.985141
HS15_str_inv	BOBJ1	138.27	Before	Interior Girder 6	25.56	0.95	1	1	10.014875
HS15_str_inv	BOBJ1	138.27	Before	Right Exterior Girder	25.56	0.95	1	1	20.509302
HS15_str_inv	BOBJ1	138.27	After	Left Exterior Girder	25.56	0.95	1	1	26.118105
HS15_str_inv	BOBJ1	138.27	After	Interior Girder 1	25.56	0.95	1	1	14.848169
HS15_str_inv	BOBJ1	138.27	After	Interior Girder 2	25.56	0.95	1	1	13.287879
HS15_str_inv	BOBJ1	138.27	After	Interior Girder 3	25.56	0.95	1	1	11.48761
HS15_str_inv	BOBJ1	138.27	After	Interior Girder 4	25.56	0.95	1	1	11.48761
HS15_str_inv	BOBJ1	138.27	After	Interior Girder 5	25.56	0.95	1	1	13.287879
HS15_str_inv	BOBJ1	138.27	After	Interior Girder 6	25.56	0.95	1	1	14.848169
HS15_str_inv	BOBJ1	138.27	After	Right Exterior Girder	25.56	0.95	1	1	26.118105
HS15_str_inv	BOBJ1	144.66	Before	Left Exterior Girder	31.95	0.95	1	1	25.792755
HS15_str_inv	BOBJ1	144.66	Before	Interior Girder 1	31.95	0.95	1	1	14.589517
HS15_str_inv	BOBJ1	144.66	Before	Interior Girder 2	31.95	0.95	1	1	13.056485
HS15_str_inv	BOBJ1	144.66	Before	Interior Girder 3	31.95	0.95	1	1	11.28758
HS15_str_inv	BOBJ1	144.66	Before	Interior Girder 4	31.95	0.95	1	1	11.28758
HS15_str_inv	BOBJ1	144.66	Before	Interior Girder 5	31.95	0.95	1	1	13.056485
HS15_str_inv	BOBJ1	144.66	Before	Interior Girder 6	31.95	0.95	1	1	14.589517
HS15_str_inv	BOBJ1	144.66	Before	Right Exterior Girder	31.95	0.95	1	1	25.792755
HS15_str_inv	BOBJ1	144.66	After	Left Exterior Girder	31.95	0.95	1	1	18.686316
HS15_str_inv	BOBJ1	144.66	After	Interior Girder 1	31.95	0.95	1	1	9.734552
HS15_str_inv	BOBJ1	144.66	After	Interior Girder 2	31.95	0.95	1	1	8.738268
HS15_str_inv	BOBJ1	144.66	After	Interior Girder 3	31.95	0.95	1	1	7.448023
HS15_str_inv	BOBJ1	144.66	After	Interior Girder 4	31.95	0.95	1	1	7.448023
HS15_str_inv	BOBJ1	144.66	After	Interior Girder 5	31.95	0.95	1	1	8.738268
HS15_str_inv	BOBJ1	144.66	After	Interior Girder 6	31.95	0.95	1	1	9.734552
HS15_str_inv	BOBJ1	144.66	After	Right Exterior Girder	31.95	0.95	1	1	18.686316
HS15_str_inv	BOBJ1	151.05	Before	Left Exterior Girder	38.34	0.95	1	1	18.444448
HS15_str_inv	BOBJ1	151.05	Before	Interior Girder 1	38.34	0.95	1	1	9.561068
HS15_str_inv	BOBJ1	151.05	Before	Interior Girder 2	38.34	0.95	1	1	8.582347
HS15_str_inv	BOBJ1	151.05	Before	Interior Girder 3	38.34	0.95	1	1	7.315103
HS15_str_inv	BOBJ1	151.05	Before	Interior Girder 4	38.34	0.95	1	1	7.315103
HS15_str_inv	BOBJ1	151.05	Before	Interior Girder 5	38.34	0.95	1	1	8.582347
HS15_str_inv	BOBJ1	151.05	Before	Interior Girder 6	38.34	0.95	1	1	9.561068

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Approach, Span 16-19									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
HS15_str_inv	BOBJ1	151.05	Before	Right Exterior Girder	38.34	0.95	1	1	18.444448
HS15_str_inv	BOBJ1	151.05	After	Left Exterior Girder	38.34	0.95	1	1	10.778052
HS15_str_inv	BOBJ1	151.05	After	Interior Girder 1	38.34	0.95	1	1	9.650485
HS15_str_inv	BOBJ1	151.05	After	Interior Girder 2	38.34	0.95	1	1	8.65313
HS15_str_inv	BOBJ1	151.05	After	Interior Girder 3	38.34	0.95	1	1	8.052348
HS15_str_inv	BOBJ1	151.05	After	Interior Girder 4	38.34	0.95	1	1	8.052348
HS15_str_inv	BOBJ1	151.05	After	Interior Girder 5	38.34	0.95	1	1	8.65313
HS15_str_inv	BOBJ1	151.05	After	Interior Girder 6	38.34	0.95	1	1	9.650485
HS15_str_inv	BOBJ1	151.05	After	Right Exterior Girder	38.34	0.95	1	1	10.778052
HS15_str_inv	BOBJ1	157.4367	Before	Left Exterior Girder	44.7267	0.95	1	1	10.632909
HS15_str_inv	BOBJ1	157.4367	Before	Interior Girder 1	44.7267	0.95	1	1	9.473608
HS15_str_inv	BOBJ1	157.4367	Before	Interior Girder 2	44.7267	0.95	1	1	8.495868
HS15_str_inv	BOBJ1	157.4367	Before	Interior Girder 3	44.7267	0.95	1	1	7.904093
HS15_str_inv	BOBJ1	157.4367	Before	Interior Girder 4	44.7267	0.95	1	1	7.904093
HS15_str_inv	BOBJ1	157.4367	Before	Interior Girder 5	44.7267	0.95	1	1	8.495868
HS15_str_inv	BOBJ1	157.4367	Before	Interior Girder 6	44.7267	0.95	1	1	9.473608
HS15_str_inv	BOBJ1	157.4367	Before	Right Exterior Girder	44.7267	0.95	1	1	10.632909
HS15_str_inv	BOBJ1	157.4367	After	Left Exterior Girder	44.7267	0.95	1	1	8.915376
HS15_str_inv	BOBJ1	157.4367	After	Interior Girder 1	44.7267	0.95	1	1	7.036455
HS15_str_inv	BOBJ1	157.4367	After	Interior Girder 2	44.7267	0.95	1	1	6.378134
HS15_str_inv	BOBJ1	157.4367	After	Interior Girder 3	44.7267	0.95	1	1	5.446538
HS15_str_inv	BOBJ1	157.4367	After	Interior Girder 4	44.7267	0.95	1	1	5.446538
HS15_str_inv	BOBJ1	157.4367	After	Interior Girder 5	44.7267	0.95	1	1	6.378134
HS15_str_inv	BOBJ1	157.4367	After	Interior Girder 6	44.7267	0.95	1	1	7.036455
HS15_str_inv	BOBJ1	157.4367	After	Right Exterior Girder	44.7267	0.95	1	1	8.915376
HS15_str_inv	BOBJ1	158.71	Before	Left Exterior Girder	46	0.95	1	1	8.89057
HS15_str_inv	BOBJ1	158.71	Before	Interior Girder 1	46	0.95	1	1	7.010296
HS15_str_inv	BOBJ1	158.71	Before	Interior Girder 2	46	0.95	1	1	6.354549
HS15_str_inv	BOBJ1	158.71	Before	Interior Girder 3	46	0.95	1	1	5.426046
HS15_str_inv	BOBJ1	158.71	Before	Interior Girder 4	46	0.95	1	1	5.426046
HS15_str_inv	BOBJ1	158.71	Before	Interior Girder 5	46	0.95	1	1	6.354549
HS15_str_inv	BOBJ1	158.71	Before	Interior Girder 6	46	0.95	1	1	7.010296
HS15_str_inv	BOBJ1	158.71	Before	Right Exterior Girder	46	0.95	1	1	8.89057
HS15_str_inv	BOBJ1	158.71	After	Left Exterior Girder	46	0.95	1	1	11.004903
HS15_str_inv	BOBJ1	158.71	After	Interior Girder 1	46	0.95	1	1	7.69942
HS15_str_inv	BOBJ1	158.71	After	Interior Girder 2	46	0.95	1	1	7.116636
HS15_str_inv	BOBJ1	158.71	After	Interior Girder 3	46	0.95	1	1	6.206349
HS15_str_inv	BOBJ1	158.71	After	Interior Girder 4	46	0.95	1	1	6.206349
HS15_str_inv	BOBJ1	158.71	After	Interior Girder 5	46	0.95	1	1	7.116636
HS15_str_inv	BOBJ1	158.71	After	Interior Girder 6	46	0.95	1	1	7.69942
HS15_str_inv	BOBJ1	158.71	After	Right Exterior Girder	46	0.95	1	1	11.004903
HS15_str_inv	BOBJ1	163.8233	Before	Left Exterior Girder	51.1133	0.95	1	1	10.898412
HS15_str_inv	BOBJ1	163.8233	Before	Interior Girder 1	51.1133	0.95	1	1	7.596611
HS15_str_inv	BOBJ1	163.8233	Before	Interior Girder 2	51.1133	0.95	1	1	7.022174
HS15_str_inv	BOBJ1	163.8233	Before	Interior Girder 3	51.1133	0.95	1	1	6.122833
HS15_str_inv	BOBJ1	163.8233	Before	Interior Girder 4	51.1133	0.95	1	1	6.122833
HS15_str_inv	BOBJ1	163.8233	Before	Interior Girder 5	51.1133	0.95	1	1	7.022174
HS15_str_inv	BOBJ1	163.8233	Before	Interior Girder 6	51.1133	0.95	1	1	7.596611
HS15_str_inv	BOBJ1	163.8233	Before	Right Exterior Girder	51.1133	0.95	1	1	10.898412
HS15_str_inv	BOBJ1	163.8233	After	Left Exterior Girder	51.1133	0.95	1	1	8.473669
HS15_str_inv	BOBJ1	163.8233	After	Interior Girder 1	51.1133	0.95	1	1	6.711283
HS15_str_inv	BOBJ1	163.8233	After	Interior Girder 2	51.1133	0.95	1	1	5.83462
HS15_str_inv	BOBJ1	163.8233	After	Interior Girder 3	51.1133	0.95	1	1	4.789203
HS15_str_inv	BOBJ1	163.8233	After	Interior Girder 4	51.1133	0.95	1	1	4.789203
HS15_str_inv	BOBJ1	163.8233	After	Interior Girder 5	51.1133	0.95	1	1	5.83462
HS15_str_inv	BOBJ1	163.8233	After	Interior Girder 6	51.1133	0.95	1	1	6.711283
HS15_str_inv	BOBJ1	163.8233	After	Right Exterior Girder	51.1133	0.95	1	1	8.473669
HS15_str_inv	BOBJ1	164.71	Before	Left Exterior Girder	52	0.95	1	1	8.458857
HS15_str_inv	BOBJ1	164.71	Before	Right Exterior Girder	52	0.95	1	1	8.458857
HS15_str_inv	BOBJ1	164.71	After	Left Exterior Girder	52	0.95	1	1	9.67629
HS15_str_inv	BOBJ1	164.71	After	Right Exterior Girder	52	0.95	1	1	9.67629
HS15_str_inv	BOBJ1	170.21	Before	Left Exterior Girder	57.5	0.95	1	1	9.562999
HS15_str_inv	BOBJ1	170.21	Before	Interior Girder 1	57.5	0.95	1	1	6.171142
HS15_str_inv	BOBJ1	170.21	Before	Interior Girder 2	57.5	0.95	1	1	5.736231
HS15_str_inv	BOBJ1	170.21	Before	Interior Girder 3	57.5	0.95	1	1	4.706985

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Approach, Span 16-19									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
HS15_str_inv	BOBJ1	170.21	Before	Interior Girder 4	57.5	0.95	1	1	4.706985
HS15_str_inv	BOBJ1	170.21	Before	Interior Girder 5	57.5	0.95	1	1	5.736231
HS15_str_inv	BOBJ1	170.21	Before	Interior Girder 6	57.5	0.95	1	1	6.171142
HS15_str_inv	BOBJ1	170.21	Before	Right Exterior Girder	57.5	0.95	1	1	9.562999
HS15_str_inv	BOBJ1	170.21	After	Left Exterior Girder	0	0.95	1	1	8.615344
HS15_str_inv	BOBJ1	170.21	After	Interior Girder 1	0	0.95	1	1	5.73115
HS15_str_inv	BOBJ1	170.21	After	Interior Girder 2	0	0.95	1	1	5.336333
HS15_str_inv	BOBJ1	170.21	After	Interior Girder 3	0	0.95	1	1	4.449156
HS15_str_inv	BOBJ1	170.21	After	Interior Girder 4	0	0.95	1	1	4.449156
HS15_str_inv	BOBJ1	170.21	After	Interior Girder 5	0	0.95	1	1	5.336333
HS15_str_inv	BOBJ1	170.21	After	Interior Girder 6	0	0.95	1	1	5.73115
HS15_str_inv	BOBJ1	170.21	After	Right Exterior Girder	0	0.95	1	1	8.615344
HS15_str_inv	BOBJ1	176.21	Before	Left Exterior Girder	6	0.95	1	1	8.730106
HS15_str_inv	BOBJ1	176.21	Before	Right Exterior Girder	6	0.95	1	1	8.730106
HS15_str_inv	BOBJ1	176.21	After	Left Exterior Girder	6	0.95	1	1	5.862957
HS15_str_inv	BOBJ1	176.21	After	Right Exterior Girder	6	0.95	1	1	5.862957
HS15_str_inv	BOBJ1	176.6	Before	Left Exterior Girder	6.39	0.95	1	1	5.867831
HS15_str_inv	BOBJ1	176.6	Before	Interior Girder 1	6.39	0.95	1	1	7.328549
HS15_str_inv	BOBJ1	176.6	Before	Interior Girder 2	6.39	0.95	1	1	5.430189
HS15_str_inv	BOBJ1	176.6	Before	Interior Girder 3	6.39	0.95	1	1	4.528802
HS15_str_inv	BOBJ1	176.6	Before	Interior Girder 4	6.39	0.95	1	1	4.528802
HS15_str_inv	BOBJ1	176.6	Before	Interior Girder 5	6.39	0.95	1	1	5.430189
HS15_str_inv	BOBJ1	176.6	Before	Interior Girder 6	6.39	0.95	1	1	7.328549
HS15_str_inv	BOBJ1	176.6	Before	Right Exterior Girder	6.39	0.95	1	1	5.867831
HS15_str_inv	BOBJ1	176.6	After	Left Exterior Girder	6.39	0.95	1	1	9.528168
HS15_str_inv	BOBJ1	176.6	After	Interior Girder 1	6.39	0.95	1	1	7.28955
HS15_str_inv	BOBJ1	176.6	After	Interior Girder 2	6.39	0.95	1	1	6.689922
HS15_str_inv	BOBJ1	176.6	After	Interior Girder 3	6.39	0.95	1	1	6.007544
HS15_str_inv	BOBJ1	176.6	After	Interior Girder 4	6.39	0.95	1	1	6.007544
HS15_str_inv	BOBJ1	176.6	After	Interior Girder 5	6.39	0.95	1	1	6.689922
HS15_str_inv	BOBJ1	176.6	After	Interior Girder 6	6.39	0.95	1	1	7.28955
HS15_str_inv	BOBJ1	176.6	After	Right Exterior Girder	6.39	0.95	1	1	9.528168
HS15_str_inv	BOBJ1	182.99	Before	Left Exterior Girder	12.78	0.95	1	1	9.647733
HS15_str_inv	BOBJ1	182.99	Before	Interior Girder 1	12.78	0.95	1	1	7.416008
HS15_str_inv	BOBJ1	182.99	Before	Interior Girder 2	12.78	0.95	1	1	6.805066
HS15_str_inv	BOBJ1	182.99	Before	Interior Girder 3	12.78	0.95	1	1	6.112283
HS15_str_inv	BOBJ1	182.99	Before	Interior Girder 4	12.78	0.95	1	1	6.112283
HS15_str_inv	BOBJ1	182.99	Before	Interior Girder 5	12.78	0.95	1	1	6.805066
HS15_str_inv	BOBJ1	182.99	Before	Interior Girder 6	12.78	0.95	1	1	7.416008
HS15_str_inv	BOBJ1	182.99	Before	Right Exterior Girder	12.78	0.95	1	1	9.647733
HS15_str_inv	BOBJ1	182.99	After	Left Exterior Girder	12.78	0.95	1	1	10.908254
HS15_str_inv	BOBJ1	182.99	After	Interior Girder 1	12.78	0.95	1	1	9.635661
HS15_str_inv	BOBJ1	182.99	After	Interior Girder 2	12.78	0.95	1	1	8.669354
HS15_str_inv	BOBJ1	182.99	After	Interior Girder 3	12.78	0.95	1	1	8.099734
HS15_str_inv	BOBJ1	182.99	After	Interior Girder 4	12.78	0.95	1	1	8.099734
HS15_str_inv	BOBJ1	182.99	After	Interior Girder 5	12.78	0.95	1	1	8.669354
HS15_str_inv	BOBJ1	182.99	After	Interior Girder 6	12.78	0.95	1	1	9.635661
HS15_str_inv	BOBJ1	182.99	After	Right Exterior Girder	12.78	0.95	1	1	10.908254
HS15_str_inv	BOBJ1	189.38	Before	Left Exterior Girder	19.17	0.95	1	1	11.040276
HS15_str_inv	BOBJ1	189.38	Before	Interior Girder 1	19.17	0.95	1	1	9.799305
HS15_str_inv	BOBJ1	189.38	Before	Interior Girder 2	19.17	0.95	1	1	8.815249
HS15_str_inv	BOBJ1	189.38	Before	Interior Girder 3	19.17	0.95	1	1	8.237501
HS15_str_inv	BOBJ1	189.38	Before	Interior Girder 4	19.17	0.95	1	1	8.237501
HS15_str_inv	BOBJ1	189.38	Before	Interior Girder 5	19.17	0.95	1	1	8.815249
HS15_str_inv	BOBJ1	189.38	Before	Interior Girder 6	19.17	0.95	1	1	9.799305
HS15_str_inv	BOBJ1	189.38	Before	Right Exterior Girder	19.17	0.95	1	1	11.040276
HS15_str_inv	BOBJ1	189.38	After	Left Exterior Girder	19.17	0.95	1	1	17.469075
HS15_str_inv	BOBJ1	189.38	After	Interior Girder 1	19.17	0.95	1	1	9.510243
HS15_str_inv	BOBJ1	189.38	After	Interior Girder 2	19.17	0.95	1	1	8.656797
HS15_str_inv	BOBJ1	189.38	After	Interior Girder 3	19.17	0.95	1	1	7.44129
HS15_str_inv	BOBJ1	189.38	After	Interior Girder 4	19.17	0.95	1	1	7.44129
HS15_str_inv	BOBJ1	189.38	After	Interior Girder 5	19.17	0.95	1	1	8.656797
HS15_str_inv	BOBJ1	189.38	After	Interior Girder 6	19.17	0.95	1	1	9.510243
HS15_str_inv	BOBJ1	189.38	After	Right Exterior Girder	19.17	0.95	1	1	17.469075
HS15_str_inv	BOBJ1	195.77	Before	Left Exterior Girder	25.56	0.95	1	1	17.673685

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Approach, Span 16-19									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
HS15_str_inv	BOBJ1	195.77	Before	Interior Girder 1	25.56	0.95	1	1	9.667561
HS15_str_inv	BOBJ1	195.77	Before	Interior Girder 2	25.56	0.95	1	1	8.799823
HS15_str_inv	BOBJ1	195.77	Before	Interior Girder 3	25.56	0.95	1	1	7.564174
HS15_str_inv	BOBJ1	195.77	Before	Interior Girder 4	25.56	0.95	1	1	7.564174
HS15_str_inv	BOBJ1	195.77	Before	Interior Girder 5	25.56	0.95	1	1	8.799823
HS15_str_inv	BOBJ1	195.77	Before	Interior Girder 6	25.56	0.95	1	1	9.667561
HS15_str_inv	BOBJ1	195.77	Before	Right Exterior Girder	25.56	0.95	1	1	17.673685
HS15_str_inv	BOBJ1	195.77	After	Left Exterior Girder	25.56	0.95	1	1	23.036293
HS15_str_inv	BOBJ1	195.77	After	Interior Girder 1	25.56	0.95	1	1	13.550353
HS15_str_inv	BOBJ1	195.77	After	Interior Girder 2	25.56	0.95	1	1	12.402823
HS15_str_inv	BOBJ1	195.77	After	Interior Girder 3	25.56	0.95	1	1	10.818255
HS15_str_inv	BOBJ1	195.77	After	Interior Girder 4	25.56	0.95	1	1	10.818255
HS15_str_inv	BOBJ1	195.77	After	Interior Girder 5	25.56	0.95	1	1	12.402823
HS15_str_inv	BOBJ1	195.77	After	Interior Girder 6	25.56	0.95	1	1	13.550353
HS15_str_inv	BOBJ1	195.77	After	Right Exterior Girder	25.56	0.95	1	1	23.036293
HS15_str_inv	BOBJ1	202.16	Before	Left Exterior Girder	31.95	0.95	1	1	23.297308
HS15_str_inv	BOBJ1	202.16	Before	Interior Girder 1	31.95	0.95	1	1	13.769875
HS15_str_inv	BOBJ1	202.16	Before	Interior Girder 2	31.95	0.95	1	1	12.603178
HS15_str_inv	BOBJ1	202.16	Before	Interior Girder 3	31.95	0.95	1	1	10.992917
HS15_str_inv	BOBJ1	202.16	Before	Interior Girder 4	31.95	0.95	1	1	10.992917
HS15_str_inv	BOBJ1	202.16	Before	Interior Girder 5	31.95	0.95	1	1	12.603178
HS15_str_inv	BOBJ1	202.16	Before	Interior Girder 6	31.95	0.95	1	1	13.769875
HS15_str_inv	BOBJ1	202.16	Before	Right Exterior Girder	31.95	0.95	1	1	23.297308
HS15_str_inv	BOBJ1	202.16	After	Left Exterior Girder	31.95	0.95	1	1	31.834233
HS15_str_inv	BOBJ1	202.16	After	Interior Girder 1	31.95	0.95	1	1	13.389839
HS15_str_inv	BOBJ1	202.16	After	Interior Girder 2	31.95	0.95	1	1	11.725343
HS15_str_inv	BOBJ1	202.16	After	Interior Girder 3	31.95	0.95	1	1	9.949697
HS15_str_inv	BOBJ1	202.16	After	Interior Girder 4	31.95	0.95	1	1	9.949697
HS15_str_inv	BOBJ1	202.16	After	Interior Girder 5	31.95	0.95	1	1	11.725343
HS15_str_inv	BOBJ1	202.16	After	Interior Girder 6	31.95	0.95	1	1	13.389839
HS15_str_inv	BOBJ1	202.16	After	Right Exterior Girder	31.95	0.95	1	1	31.834233
HS15_str_inv	BOBJ1	208.55	Before	Left Exterior Girder	38.34	0.95	1	1	31.486731
HS15_str_inv	BOBJ1	208.55	Before	Interior Girder 1	38.34	0.95	1	1	13.181723
HS15_str_inv	BOBJ1	208.55	Before	Interior Girder 2	38.34	0.95	1	1	11.54232
HS15_str_inv	BOBJ1	208.55	Before	Interior Girder 3	38.34	0.95	1	1	9.794362
HS15_str_inv	BOBJ1	208.55	Before	Interior Girder 4	38.34	0.95	1	1	9.794362
HS15_str_inv	BOBJ1	208.55	Before	Interior Girder 5	38.34	0.95	1	1	11.54232
HS15_str_inv	BOBJ1	208.55	Before	Interior Girder 6	38.34	0.95	1	1	13.181723
HS15_str_inv	BOBJ1	208.55	Before	Right Exterior Girder	38.34	0.95	1	1	31.486731
HS15_str_inv	BOBJ1	208.55	After	Left Exterior Girder	38.34	0.95	1	1	16.806248
HS15_str_inv	BOBJ1	208.55	After	Interior Girder 1	38.34	0.95	1	1	14.622819
HS15_str_inv	BOBJ1	208.55	After	Interior Girder 2	38.34	0.95	1	1	13.122636
HS15_str_inv	BOBJ1	208.55	After	Interior Girder 3	38.34	0.95	1	1	12.671562
HS15_str_inv	BOBJ1	208.55	After	Interior Girder 4	38.34	0.95	1	1	12.671562
HS15_str_inv	BOBJ1	208.55	After	Interior Girder 5	38.34	0.95	1	1	13.122636
HS15_str_inv	BOBJ1	208.55	After	Interior Girder 6	38.34	0.95	1	1	14.622819
HS15_str_inv	BOBJ1	208.55	After	Right Exterior Girder	38.34	0.95	1	1	16.806248
HS15_str_inv	BOBJ1	215.1233	Before	Left Exterior Girder	44.9133	0.95	1	1	16.612809
HS15_str_inv	BOBJ1	215.1233	Before	Interior Girder 1	44.9133	0.95	1	1	14.381375
HS15_str_inv	BOBJ1	215.1233	Before	Interior Girder 2	44.9133	0.95	1	1	12.907343
HS15_str_inv	BOBJ1	215.1233	Before	Interior Girder 3	44.9133	0.95	1	1	12.463334
HS15_str_inv	BOBJ1	215.1233	Before	Interior Girder 4	44.9133	0.95	1	1	12.463334
HS15_str_inv	BOBJ1	215.1233	Before	Interior Girder 5	44.9133	0.95	1	1	12.907343
HS15_str_inv	BOBJ1	215.1233	Before	Interior Girder 6	44.9133	0.95	1	1	14.381375
HS15_str_inv	BOBJ1	215.1233	Before	Right Exterior Girder	44.9133	0.95	1	1	16.612809
HS15_str_inv	BOBJ1	215.1233	After	Left Exterior Girder	44.9133	0.95	1	1	13.654336
HS15_str_inv	BOBJ1	215.1233	After	Interior Girder 1	44.9133	0.95	1	1	10.177019
HS15_str_inv	BOBJ1	215.1233	After	Interior Girder 2	44.9133	0.95	1	1	9.254752
HS15_str_inv	BOBJ1	215.1233	After	Interior Girder 3	44.9133	0.95	1	1	8.775729
HS15_str_inv	BOBJ1	215.1233	After	Interior Girder 4	44.9133	0.95	1	1	8.775729
HS15_str_inv	BOBJ1	215.1233	After	Interior Girder 5	44.9133	0.95	1	1	9.254752
HS15_str_inv	BOBJ1	215.1233	After	Interior Girder 6	44.9133	0.95	1	1	10.177019
HS15_str_inv	BOBJ1	215.1233	After	Right Exterior Girder	44.9133	0.95	1	1	13.654336
HS15_str_inv	BOBJ1	221.6967	Before	Left Exterior Girder	51.4867	0.95	1	1	13.491839
HS15_str_inv	BOBJ1	221.6967	Before	Interior Girder 1	51.4867	0.95	1	1	10.005295

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Approach, Span 16-19									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
HS15_str_inv	BOBJ1	221.6967	Before	Interior Girder 2	51.4867	0.95	1	1	9.099423
HS15_str_inv	BOBJ1	221.6967	Before	Interior Girder 3	51.4867	0.95	1	1	8.628166
HS15_str_inv	BOBJ1	221.6967	Before	Interior Girder 4	51.4867	0.95	1	1	8.628166
HS15_str_inv	BOBJ1	221.6967	Before	Interior Girder 5	51.4867	0.95	1	1	9.099423
HS15_str_inv	BOBJ1	221.6967	Before	Interior Girder 6	51.4867	0.95	1	1	10.005295
HS15_str_inv	BOBJ1	221.6967	Before	Right Exterior Girder	51.4867	0.95	1	1	13.491839
HS15_str_inv	BOBJ1	221.6967	After	Left Exterior Girder	51.4867	0.95	1	1	11.527031
HS15_str_inv	BOBJ1	221.6967	After	Interior Girder 1	51.4867	0.95	1	1	7.289967
HS15_str_inv	BOBJ1	221.6967	After	Interior Girder 2	51.4867	0.95	1	1	6.782694
HS15_str_inv	BOBJ1	221.6967	After	Interior Girder 3	51.4867	0.95	1	1	5.962177
HS15_str_inv	BOBJ1	221.6967	After	Interior Girder 4	51.4867	0.95	1	1	5.962177
HS15_str_inv	BOBJ1	221.6967	After	Interior Girder 5	51.4867	0.95	1	1	6.782694
HS15_str_inv	BOBJ1	221.6967	After	Interior Girder 6	51.4867	0.95	1	1	7.289967
HS15_str_inv	BOBJ1	221.6967	After	Right Exterior Girder	51.4867	0.95	1	1	11.527031
HS15_str_inv	BOBJ1	228.27	Before	Left Exterior Girder	58.06	0.95	1	1	11.384867
HS15_str_inv	BOBJ1	228.27	Before	Interior Girder 1	58.06	0.95	1	1	7.164347
HS15_str_inv	BOBJ1	228.27	Before	Interior Girder 2	58.06	0.95	1	1	6.666249
HS15_str_inv	BOBJ1	228.27	Before	Interior Girder 3	58.06	0.95	1	1	5.859468
HS15_str_inv	BOBJ1	228.27	Before	Interior Girder 4	58.06	0.95	1	1	5.859468
HS15_str_inv	BOBJ1	228.27	Before	Interior Girder 5	58.06	0.95	1	1	6.666249
HS15_str_inv	BOBJ1	228.27	Before	Interior Girder 6	58.06	0.95	1	1	7.164347
HS15_str_inv	BOBJ1	228.27	Before	Right Exterior Girder	58.06	0.95	1	1	11.384867
Lane_str_opr	BOBJ1	0	After	Left Exterior Girder	0	0.95	1	1	64.307365
Lane_str_opr	BOBJ1	0	After	Interior Girder 1	0	0.95	1	1	37.741342
Lane_str_opr	BOBJ1	0	After	Interior Girder 2	0	0.95	1	1	37.993512
Lane_str_opr	BOBJ1	0	After	Interior Girder 3	0	0.95	1	1	36.046311
Lane_str_opr	BOBJ1	0	After	Interior Girder 4	0	0.95	1	1	36.046311
Lane_str_opr	BOBJ1	0	After	Interior Girder 5	0	0.95	1	1	37.993512
Lane_str_opr	BOBJ1	0	After	Interior Girder 6	0	0.95	1	1	37.741342
Lane_str_opr	BOBJ1	0	After	Right Exterior Girder	0	0.95	1	1	64.307365
Lane_str_opr	BOBJ1	5.3833	Before	Left Exterior Girder	5.3833	0.95	1	1	65.042349
Lane_str_opr	BOBJ1	5.3833	Before	Interior Girder 1	5.3833	0.95	1	1	38.333396
Lane_str_opr	BOBJ1	5.3833	Before	Interior Girder 2	5.3833	0.95	1	1	38.587571
Lane_str_opr	BOBJ1	5.3833	Before	Interior Girder 3	5.3833	0.95	1	1	36.612662
Lane_str_opr	BOBJ1	5.3833	Before	Interior Girder 4	5.3833	0.95	1	1	36.612662
Lane_str_opr	BOBJ1	5.3833	Before	Interior Girder 5	5.3833	0.95	1	1	38.587571
Lane_str_opr	BOBJ1	5.3833	Before	Interior Girder 6	5.3833	0.95	1	1	38.333396
Lane_str_opr	BOBJ1	5.3833	Before	Right Exterior Girder	5.3833	0.95	1	1	65.042349
Lane_str_opr	BOBJ1	5.3833	After	Left Exterior Girder	5.3833	0.95	1	1	75.99469
Lane_str_opr	BOBJ1	5.3833	After	Interior Girder 1	5.3833	0.95	1	1	53.918526
Lane_str_opr	BOBJ1	5.3833	After	Interior Girder 2	5.3833	0.95	1	1	50.644459
Lane_str_opr	BOBJ1	5.3833	After	Interior Girder 3	5.3833	0.95	1	1	50.077872
Lane_str_opr	BOBJ1	5.3833	After	Interior Girder 4	5.3833	0.95	1	1	50.077872
Lane_str_opr	BOBJ1	5.3833	After	Interior Girder 5	5.3833	0.95	1	1	50.644459
Lane_str_opr	BOBJ1	5.3833	After	Interior Girder 6	5.3833	0.95	1	1	53.918526
Lane_str_opr	BOBJ1	5.3833	After	Right Exterior Girder	5.3833	0.95	1	1	75.99469
Lane_str_opr	BOBJ1	10.7667	Before	Left Exterior Girder	10.7667	0.95	1	1	76.833727
Lane_str_opr	BOBJ1	10.7667	Before	Interior Girder 1	10.7667	0.95	1	1	54.748231
Lane_str_opr	BOBJ1	10.7667	Before	Interior Girder 2	10.7667	0.95	1	1	51.419665
Lane_str_opr	BOBJ1	10.7667	Before	Interior Girder 3	10.7667	0.95	1	1	50.84757
Lane_str_opr	BOBJ1	10.7667	Before	Interior Girder 4	10.7667	0.95	1	1	50.84757
Lane_str_opr	BOBJ1	10.7667	Before	Interior Girder 5	10.7667	0.95	1	1	51.419665
Lane_str_opr	BOBJ1	10.7667	Before	Interior Girder 6	10.7667	0.95	1	1	54.748231
Lane_str_opr	BOBJ1	10.7667	Before	Right Exterior Girder	10.7667	0.95	1	1	76.833727
Lane_str_opr	BOBJ1	10.7667	After	Left Exterior Girder	10.7667	0.95	1	1	92.517937
Lane_str_opr	BOBJ1	10.7667	After	Interior Girder 1	10.7667	0.95	1	1	75.580366
Lane_str_opr	BOBJ1	10.7667	After	Interior Girder 2	10.7667	0.95	1	1	67.234893
Lane_str_opr	BOBJ1	10.7667	After	Interior Girder 3	10.7667	0.95	1	1	68.342298
Lane_str_opr	BOBJ1	10.7667	After	Interior Girder 4	10.7667	0.95	1	1	68.342298
Lane_str_opr	BOBJ1	10.7667	After	Interior Girder 5	10.7667	0.95	1	1	67.234893
Lane_str_opr	BOBJ1	10.7667	After	Interior Girder 6	10.7667	0.95	1	1	75.580366
Lane_str_opr	BOBJ1	10.7667	After	Right Exterior Girder	10.7667	0.95	1	1	92.517937
Lane_str_opr	BOBJ1	16.15	Before	Left Exterior Girder	16.15	0.95	1	1	93.506545
Lane_str_opr	BOBJ1	16.15	Before	Interior Girder 1	16.15	0.95	1	1	76.720602
Lane_str_opr	BOBJ1	16.15	Before	Interior Girder 2	16.15	0.95	1	1	68.242763

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Approach, Span 16-19									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Lane_str_opr	BOBJ1	16.15	Before	Interior Girder 3	16.15	0.95	1	1	69.370626
Lane_str_opr	BOBJ1	16.15	Before	Interior Girder 4	16.15	0.95	1	1	69.370626
Lane_str_opr	BOBJ1	16.15	Before	Interior Girder 5	16.15	0.95	1	1	68.242763
Lane_str_opr	BOBJ1	16.15	Before	Interior Girder 6	16.15	0.95	1	1	76.720602
Lane_str_opr	BOBJ1	16.15	Before	Right Exterior Girder	16.15	0.95	1	1	93.506545
Lane_str_opr	BOBJ1	16.15	After	Left Exterior Girder	16.15	0.95	1	1	101.36051
Lane_str_opr	BOBJ1	16.15	After	Interior Girder 1	16.15	0.95	1	1	73.981322
Lane_str_opr	BOBJ1	16.15	After	Interior Girder 2	16.15	0.95	1	1	69.175772
Lane_str_opr	BOBJ1	16.15	After	Interior Girder 3	16.15	0.95	1	1	70.02885
Lane_str_opr	BOBJ1	16.15	After	Interior Girder 4	16.15	0.95	1	1	70.02885
Lane_str_opr	BOBJ1	16.15	After	Interior Girder 5	16.15	0.95	1	1	69.175772
Lane_str_opr	BOBJ1	16.15	After	Interior Girder 6	16.15	0.95	1	1	73.981322
Lane_str_opr	BOBJ1	16.15	After	Right Exterior Girder	16.15	0.95	1	1	101.36051
Lane_str_opr	BOBJ1	22.1267	Before	Left Exterior Girder	22.1267	0.95	1	1	100.160173
Lane_str_opr	BOBJ1	22.1267	Before	Interior Girder 1	22.1267	0.95	1	1	72.753074
Lane_str_opr	BOBJ1	22.1267	Before	Interior Girder 2	22.1267	0.95	1	1	68.033733
Lane_str_opr	BOBJ1	22.1267	Before	Interior Girder 3	22.1267	0.95	1	1	68.872148
Lane_str_opr	BOBJ1	22.1267	Before	Interior Girder 4	22.1267	0.95	1	1	68.872148
Lane_str_opr	BOBJ1	22.1267	Before	Interior Girder 5	22.1267	0.95	1	1	68.033733
Lane_str_opr	BOBJ1	22.1267	Before	Interior Girder 6	22.1267	0.95	1	1	72.753074
Lane_str_opr	BOBJ1	22.1267	Before	Right Exterior Girder	22.1267	0.95	1	1	100.160173
Lane_str_opr	BOBJ1	22.1267	After	Left Exterior Girder	22.1267	0.95	1	1	83.352668
Lane_str_opr	BOBJ1	22.1267	After	Interior Girder 1	22.1267	0.95	1	1	53.055018
Lane_str_opr	BOBJ1	22.1267	After	Interior Girder 2	22.1267	0.95	1	1	51.717964
Lane_str_opr	BOBJ1	22.1267	After	Interior Girder 3	22.1267	0.95	1	1	51.014838
Lane_str_opr	BOBJ1	22.1267	After	Interior Girder 4	22.1267	0.95	1	1	51.014838
Lane_str_opr	BOBJ1	22.1267	After	Interior Girder 5	22.1267	0.95	1	1	51.717964
Lane_str_opr	BOBJ1	22.1267	After	Interior Girder 6	22.1267	0.95	1	1	53.055018
Lane_str_opr	BOBJ1	22.1267	After	Right Exterior Girder	22.1267	0.95	1	1	83.352668
Lane_str_opr	BOBJ1	28.1033	Before	Left Exterior Girder	28.1033	0.95	1	1	82.329188
Lane_str_opr	BOBJ1	28.1033	Before	Interior Girder 1	28.1033	0.95	1	1	52.154712
Lane_str_opr	BOBJ1	28.1033	Before	Interior Girder 2	28.1033	0.95	1	1	50.844117
Lane_str_opr	BOBJ1	28.1033	Before	Interior Girder 3	28.1033	0.95	1	1	50.15238
Lane_str_opr	BOBJ1	28.1033	Before	Interior Girder 4	28.1033	0.95	1	1	50.15238
Lane_str_opr	BOBJ1	28.1033	Before	Interior Girder 5	28.1033	0.95	1	1	50.844117
Lane_str_opr	BOBJ1	28.1033	Before	Interior Girder 6	28.1033	0.95	1	1	52.154712
Lane_str_opr	BOBJ1	28.1033	Before	Right Exterior Girder	28.1033	0.95	1	1	82.329188
Lane_str_opr	BOBJ1	28.1033	After	Left Exterior Girder	28.1033	0.95	1	1	67.606292
Lane_str_opr	BOBJ1	28.1033	After	Interior Girder 1	28.1033	0.95	1	1	38.143679
Lane_str_opr	BOBJ1	28.1033	After	Interior Girder 2	28.1033	0.95	1	1	38.656618
Lane_str_opr	BOBJ1	28.1033	After	Interior Girder 3	28.1033	0.95	1	1	36.086261
Lane_str_opr	BOBJ1	28.1033	After	Interior Girder 4	28.1033	0.95	1	1	36.086261
Lane_str_opr	BOBJ1	28.1033	After	Interior Girder 5	28.1033	0.95	1	1	38.656618
Lane_str_opr	BOBJ1	28.1033	After	Interior Girder 6	28.1033	0.95	1	1	38.143679
Lane_str_opr	BOBJ1	28.1033	After	Right Exterior Girder	28.1033	0.95	1	1	67.606292
Lane_str_opr	BOBJ1	34.08	Before	Left Exterior Girder	34.08	0.95	1	1	66.743901
Lane_str_opr	BOBJ1	34.08	Before	Interior Girder 1	34.08	0.95	1	1	37.482133
Lane_str_opr	BOBJ1	34.08	Before	Interior Girder 2	34.08	0.95	1	1	37.988043
Lane_str_opr	BOBJ1	34.08	Before	Interior Girder 3	34.08	0.95	1	1	35.461232
Lane_str_opr	BOBJ1	34.08	Before	Interior Girder 4	34.08	0.95	1	1	35.461232
Lane_str_opr	BOBJ1	34.08	Before	Interior Girder 5	34.08	0.95	1	1	37.988043
Lane_str_opr	BOBJ1	34.08	Before	Interior Girder 6	34.08	0.95	1	1	37.482133
Lane_str_opr	BOBJ1	34.08	Before	Right Exterior Girder	34.08	0.95	1	1	66.743901
Lane_str_opr	BOBJ1	34.08	After	Left Exterior Girder	34.08	0.95	1	1	40.230489
Lane_str_opr	BOBJ1	34.08	After	Interior Girder 1	34.08	0.95	1	1	33.547649
Lane_str_opr	BOBJ1	34.08	After	Interior Girder 2	34.08	0.95	1	1	31.592006
Lane_str_opr	BOBJ1	34.08	After	Interior Girder 3	34.08	0.95	1	1	26.683045
Lane_str_opr	BOBJ1	34.08	After	Interior Girder 4	34.08	0.95	1	1	26.683045
Lane_str_opr	BOBJ1	34.08	After	Interior Girder 5	34.08	0.95	1	1	31.592006
Lane_str_opr	BOBJ1	34.08	After	Interior Girder 6	34.08	0.95	1	1	33.547649
Lane_str_opr	BOBJ1	34.08	After	Right Exterior Girder	34.08	0.95	1	1	40.230489
Lane_str_opr	BOBJ1	39.855	Before	Left Exterior Girder	39.855	0.95	1	1	39.712439
Lane_str_opr	BOBJ1	39.855	Before	Interior Girder 1	39.855	0.95	1	1	32.972523
Lane_str_opr	BOBJ1	39.855	Before	Interior Girder 2	39.855	0.95	1	1	31.056694
Lane_str_opr	BOBJ1	39.855	Before	Interior Girder 3	39.855	0.95	1	1	26.220118

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Approach, Span 16-19									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Lane_str_opr	BOBJ1	39.855	Before	Interior Girder 4	39.855	0.95	1	1	26.220118
Lane_str_opr	BOBJ1	39.855	Before	Interior Girder 5	39.855	0.95	1	1	31.056694
Lane_str_opr	BOBJ1	39.855	Before	Interior Girder 6	39.855	0.95	1	1	32.972523
Lane_str_opr	BOBJ1	39.855	Before	Right Exterior Girder	39.855	0.95	1	1	39.712439
Lane_str_opr	BOBJ1	39.855	After	Left Exterior Girder	39.855	0.95	1	1	23.208076
Lane_str_opr	BOBJ1	39.855	After	Interior Girder 1	39.855	0.95	1	1	37.297826
Lane_str_opr	BOBJ1	39.855	After	Interior Girder 2	39.855	0.95	1	1	25.653352
Lane_str_opr	BOBJ1	39.855	After	Interior Girder 3	39.855	0.95	1	1	21.04497
Lane_str_opr	BOBJ1	39.855	After	Interior Girder 4	39.855	0.95	1	1	21.04497
Lane_str_opr	BOBJ1	39.855	After	Interior Girder 5	39.855	0.95	1	1	25.653352
Lane_str_opr	BOBJ1	39.855	After	Interior Girder 6	39.855	0.95	1	1	37.297826
Lane_str_opr	BOBJ1	39.855	After	Right Exterior Girder	39.855	0.95	1	1	23.208076
Lane_str_opr	BOBJ1	40.0288	Before	Left Exterior Girder	40.0288	0.95	1	1	23.198107
Lane_str_opr	BOBJ1	40.0288	Before	Right Exterior Girder	40.0288	0.95	1	1	23.198107
Lane_str_opr	BOBJ1	40.0288	After	Left Exterior Girder	40.0288	0.95	1	1	34.313248
Lane_str_opr	BOBJ1	40.0288	After	Right Exterior Girder	40.0288	0.95	1	1	34.313248
Lane_str_opr	BOBJ1	45.63	Before	Left Exterior Girder	45.63	0.95	1	1	33.840724
Lane_str_opr	BOBJ1	45.63	Before	Interior Girder 1	45.63	0.95	1	1	25.131151
Lane_str_opr	BOBJ1	45.63	Before	Interior Girder 2	45.63	0.95	1	1	25.209305
Lane_str_opr	BOBJ1	45.63	Before	Interior Girder 3	45.63	0.95	1	1	20.669996
Lane_str_opr	BOBJ1	45.63	Before	Interior Girder 4	45.63	0.95	1	1	20.669996
Lane_str_opr	BOBJ1	45.63	Before	Interior Girder 5	45.63	0.95	1	1	25.209305
Lane_str_opr	BOBJ1	45.63	Before	Interior Girder 6	45.63	0.95	1	1	25.131151
Lane_str_opr	BOBJ1	45.63	Before	Right Exterior Girder	45.63	0.95	1	1	33.840724
Lane_str_opr	BOBJ1	45.63	After	Left Exterior Girder	0	0.95	1	1	25.524136
Lane_str_opr	BOBJ1	45.63	After	Interior Girder 1	0	0.95	1	1	21.697474
Lane_str_opr	BOBJ1	45.63	After	Interior Girder 2	0	0.95	1	1	21.714555
Lane_str_opr	BOBJ1	45.63	After	Interior Girder 3	0	0.95	1	1	18.345664
Lane_str_opr	BOBJ1	45.63	After	Interior Girder 4	0	0.95	1	1	18.345664
Lane_str_opr	BOBJ1	45.63	After	Interior Girder 5	0	0.95	1	1	21.714555
Lane_str_opr	BOBJ1	45.63	After	Interior Girder 6	0	0.95	1	1	21.697474
Lane_str_opr	BOBJ1	45.63	After	Right Exterior Girder	0	0.95	1	1	25.524136
Lane_str_opr	BOBJ1	50.6298	Before	Left Exterior Girder	4.9998	0.95	1	1	25.849098
Lane_str_opr	BOBJ1	50.6298	Before	Right Exterior Girder	4.9998	0.95	1	1	25.849098
Lane_str_opr	BOBJ1	50.6298	After	Left Exterior Girder	4.9998	0.95	1	1	18.564267
Lane_str_opr	BOBJ1	50.6298	After	Right Exterior Girder	4.9998	0.95	1	1	18.564267
Lane_str_opr	BOBJ1	51.4	Before	Left Exterior Girder	5.77	0.95	1	1	18.600143
Lane_str_opr	BOBJ1	51.4	Before	Interior Girder 1	5.77	0.95	1	1	31.135845
Lane_str_opr	BOBJ1	51.4	Before	Interior Girder 2	5.77	0.95	1	1	22.103249
Lane_str_opr	BOBJ1	51.4	Before	Interior Girder 3	5.77	0.95	1	1	18.683838
Lane_str_opr	BOBJ1	51.4	Before	Interior Girder 4	5.77	0.95	1	1	18.683838
Lane_str_opr	BOBJ1	51.4	Before	Interior Girder 5	5.77	0.95	1	1	22.103249
Lane_str_opr	BOBJ1	51.4	Before	Interior Girder 6	5.77	0.95	1	1	31.135845
Lane_str_opr	BOBJ1	51.4	Before	Right Exterior Girder	5.77	0.95	1	1	18.600143
Lane_str_opr	BOBJ1	51.4	After	Left Exterior Girder	5.77	0.95	1	1	28.652972
Lane_str_opr	BOBJ1	51.4	After	Interior Girder 1	5.77	0.95	1	1	27.574189
Lane_str_opr	BOBJ1	51.4	After	Interior Girder 2	5.77	0.95	1	1	26.132442
Lane_str_opr	BOBJ1	51.4	After	Interior Girder 3	5.77	0.95	1	1	22.76503
Lane_str_opr	BOBJ1	51.4	After	Interior Girder 4	5.77	0.95	1	1	22.76503
Lane_str_opr	BOBJ1	51.4	After	Interior Girder 5	5.77	0.95	1	1	26.132442
Lane_str_opr	BOBJ1	51.4	After	Interior Girder 6	5.77	0.95	1	1	27.574189
Lane_str_opr	BOBJ1	51.4	After	Right Exterior Girder	5.77	0.95	1	1	28.652972
Lane_str_opr	BOBJ1	57.17	Before	Left Exterior Girder	11.54	0.95	1	1	29.033872
Lane_str_opr	BOBJ1	57.17	Before	Interior Girder 1	11.54	0.95	1	1	28.062817
Lane_str_opr	BOBJ1	57.17	Before	Interior Girder 2	11.54	0.95	1	1	26.589973
Lane_str_opr	BOBJ1	57.17	Before	Interior Girder 3	11.54	0.95	1	1	23.17324
Lane_str_opr	BOBJ1	57.17	Before	Interior Girder 4	11.54	0.95	1	1	23.17324
Lane_str_opr	BOBJ1	57.17	Before	Interior Girder 5	11.54	0.95	1	1	26.589973
Lane_str_opr	BOBJ1	57.17	Before	Interior Girder 6	11.54	0.95	1	1	28.062817
Lane_str_opr	BOBJ1	57.17	Before	Right Exterior Girder	11.54	0.95	1	1	29.033872
Lane_str_opr	BOBJ1	57.17	After	Left Exterior Girder	11.54	0.95	1	1	44.836954
Lane_str_opr	BOBJ1	57.17	After	Interior Girder 1	11.54	0.95	1	1	30.626143
Lane_str_opr	BOBJ1	57.17	After	Interior Girder 2	11.54	0.95	1	1	30.619517
Lane_str_opr	BOBJ1	57.17	After	Interior Girder 3	11.54	0.95	1	1	29.884933
Lane_str_opr	BOBJ1	57.17	After	Interior Girder 4	11.54	0.95	1	1	29.884933

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Approach, Span 16-19									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Lane_str_opr	BOBJ1	57.17	After	Interior Girder 5	11.54	0.95	1	1	30.619517
Lane_str_opr	BOBJ1	57.17	After	Interior Girder 6	11.54	0.95	1	1	30.626143
Lane_str_opr	BOBJ1	57.17	After	Right Exterior Girder	11.54	0.95	1	1	44.836954
Lane_str_opr	BOBJ1	63.34	Before	Left Exterior Girder	17.71	0.95	1	1	45.44601
Lane_str_opr	BOBJ1	63.34	Before	Interior Girder 1	17.71	0.95	1	1	31.194225
Lane_str_opr	BOBJ1	63.34	Before	Interior Girder 2	17.71	0.95	1	1	31.184686
Lane_str_opr	BOBJ1	63.34	Before	Interior Girder 3	17.71	0.95	1	1	30.436794
Lane_str_opr	BOBJ1	63.34	Before	Interior Girder 4	17.71	0.95	1	1	30.436794
Lane_str_opr	BOBJ1	63.34	Before	Interior Girder 5	17.71	0.95	1	1	31.184686
Lane_str_opr	BOBJ1	63.34	Before	Interior Girder 6	17.71	0.95	1	1	31.194225
Lane_str_opr	BOBJ1	63.34	Before	Right Exterior Girder	17.71	0.95	1	1	45.44601
Lane_str_opr	BOBJ1	63.34	After	Left Exterior Girder	17.71	0.95	1	1	52.281075
Lane_str_opr	BOBJ1	63.34	After	Interior Girder 1	17.71	0.95	1	1	41.145161
Lane_str_opr	BOBJ1	63.34	After	Interior Girder 2	17.71	0.95	1	1	39.293571
Lane_str_opr	BOBJ1	63.34	After	Interior Girder 3	17.71	0.95	1	1	39.250919
Lane_str_opr	BOBJ1	63.34	After	Interior Girder 4	17.71	0.95	1	1	39.250919
Lane_str_opr	BOBJ1	63.34	After	Interior Girder 5	17.71	0.95	1	1	39.293571
Lane_str_opr	BOBJ1	63.34	After	Interior Girder 6	17.71	0.95	1	1	41.145161
Lane_str_opr	BOBJ1	63.34	After	Right Exterior Girder	17.71	0.95	1	1	52.281075
Lane_str_opr	BOBJ1	69.51	Before	Left Exterior Girder	23.88	0.95	1	1	52.963066
Lane_str_opr	BOBJ1	69.51	Before	Interior Girder 1	23.88	0.95	1	1	41.890817
Lane_str_opr	BOBJ1	69.51	Before	Interior Girder 2	23.88	0.95	1	1	40.000965
Lane_str_opr	BOBJ1	69.51	Before	Interior Girder 3	23.88	0.95	1	1	39.957255
Lane_str_opr	BOBJ1	69.51	Before	Interior Girder 4	23.88	0.95	1	1	39.957255
Lane_str_opr	BOBJ1	69.51	Before	Interior Girder 5	23.88	0.95	1	1	40.000965
Lane_str_opr	BOBJ1	69.51	Before	Interior Girder 6	23.88	0.95	1	1	41.890817
Lane_str_opr	BOBJ1	69.51	Before	Right Exterior Girder	23.88	0.95	1	1	52.963066
Lane_str_opr	BOBJ1	69.51	After	Left Exterior Girder	23.88	0.95	1	1	62.111406
Lane_str_opr	BOBJ1	69.51	After	Interior Girder 1	23.88	0.95	1	1	55.10935
Lane_str_opr	BOBJ1	69.51	After	Interior Girder 2	23.88	0.95	1	1	50.256337
Lane_str_opr	BOBJ1	69.51	After	Interior Girder 3	23.88	0.95	1	1	51.200082
Lane_str_opr	BOBJ1	69.51	After	Interior Girder 4	23.88	0.95	1	1	51.200082
Lane_str_opr	BOBJ1	69.51	After	Interior Girder 5	23.88	0.95	1	1	50.256337
Lane_str_opr	BOBJ1	69.51	After	Interior Girder 6	23.88	0.95	1	1	55.10935
Lane_str_opr	BOBJ1	69.51	After	Right Exterior Girder	23.88	0.95	1	1	62.111406
Lane_str_opr	BOBJ1	75.68	Before	Left Exterior Girder	30.05	0.95	1	1	62.891241
Lane_str_opr	BOBJ1	75.68	Before	Interior Girder 1	30.05	0.95	1	1	56.084934
Lane_str_opr	BOBJ1	75.68	Before	Interior Girder 2	30.05	0.95	1	1	51.138888
Lane_str_opr	BOBJ1	75.68	Before	Interior Girder 3	30.05	0.95	1	1	52.099008
Lane_str_opr	BOBJ1	75.68	Before	Interior Girder 4	30.05	0.95	1	1	52.099008
Lane_str_opr	BOBJ1	75.68	Before	Interior Girder 5	30.05	0.95	1	1	51.138888
Lane_str_opr	BOBJ1	75.68	Before	Interior Girder 6	30.05	0.95	1	1	56.084934
Lane_str_opr	BOBJ1	75.68	Before	Right Exterior Girder	30.05	0.95	1	1	62.891241
Lane_str_opr	BOBJ1	75.68	After	Left Exterior Girder	30.05	0.95	1	1	105.427847
Lane_str_opr	BOBJ1	75.68	After	Interior Girder 1	30.05	0.95	1	1	59.453812
Lane_str_opr	BOBJ1	75.68	After	Interior Girder 2	30.05	0.95	1	1	60.396905
Lane_str_opr	BOBJ1	75.68	After	Interior Girder 3	30.05	0.95	1	1	56.989511
Lane_str_opr	BOBJ1	75.68	After	Interior Girder 4	30.05	0.95	1	1	56.989511
Lane_str_opr	BOBJ1	75.68	After	Interior Girder 5	30.05	0.95	1	1	60.396905
Lane_str_opr	BOBJ1	75.68	After	Interior Girder 6	30.05	0.95	1	1	59.453812
Lane_str_opr	BOBJ1	75.68	After	Right Exterior Girder	30.05	0.95	1	1	105.427847
Lane_str_opr	BOBJ1	81.8467	Before	Left Exterior Girder	36.2167	0.95	1	1	104.172048
Lane_str_opr	BOBJ1	81.8467	Before	Interior Girder 1	36.2167	0.95	1	1	60.467146
Lane_str_opr	BOBJ1	81.8467	Before	Interior Girder 2	36.2167	0.95	1	1	61.430755
Lane_str_opr	BOBJ1	81.8467	Before	Interior Girder 3	36.2167	0.95	1	1	57.965305
Lane_str_opr	BOBJ1	81.8467	Before	Interior Girder 4	36.2167	0.95	1	1	57.965305
Lane_str_opr	BOBJ1	81.8467	Before	Interior Girder 5	36.2167	0.95	1	1	61.430755
Lane_str_opr	BOBJ1	81.8467	Before	Interior Girder 6	36.2167	0.95	1	1	60.467146
Lane_str_opr	BOBJ1	81.8467	Before	Right Exterior Girder	36.2167	0.95	1	1	104.172048
Lane_str_opr	BOBJ1	81.8467	After	Left Exterior Girder	36.2167	0.95	1	1	85.755412
Lane_str_opr	BOBJ1	81.8467	After	Interior Girder 1	36.2167	0.95	1	1	56.014044
Lane_str_opr	BOBJ1	81.8467	After	Interior Girder 2	36.2167	0.95	1	1	53.857016
Lane_str_opr	BOBJ1	81.8467	After	Interior Girder 3	36.2167	0.95	1	1	54.121424
Lane_str_opr	BOBJ1	81.8467	After	Interior Girder 4	36.2167	0.95	1	1	54.121424
Lane_str_opr	BOBJ1	81.8467	After	Interior Girder 5	36.2167	0.95	1	1	53.857016

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Approach, Span 16-19									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Lane_str_opr	BOBJ1	81.8467	After	Interior Girder 6	36.2167	0.95	1	1	56.014044
Lane_str_opr	BOBJ1	81.8467	After	Right Exterior Girder	36.2167	0.95	1	1	85.755412
Lane_str_opr	BOBJ1	88.0133	Before	Left Exterior Girder	42.3833	0.95	1	1	84.696397
Lane_str_opr	BOBJ1	88.0133	Before	Interior Girder 1	42.3833	0.95	1	1	55.049286
Lane_str_opr	BOBJ1	88.0133	Before	Interior Girder 2	42.3833	0.95	1	1	52.93198
Lane_str_opr	BOBJ1	88.0133	Before	Interior Girder 3	42.3833	0.95	1	1	53.192555
Lane_str_opr	BOBJ1	88.0133	Before	Interior Girder 4	42.3833	0.95	1	1	53.192555
Lane_str_opr	BOBJ1	88.0133	Before	Interior Girder 5	42.3833	0.95	1	1	52.93198
Lane_str_opr	BOBJ1	88.0133	Before	Interior Girder 6	42.3833	0.95	1	1	55.049286
Lane_str_opr	BOBJ1	88.0133	Before	Right Exterior Girder	42.3833	0.95	1	1	84.696397
Lane_str_opr	BOBJ1	88.0133	After	Left Exterior Girder	42.3833	0.95	1	1	71.451717
Lane_str_opr	BOBJ1	88.0133	After	Interior Girder 1	42.3833	0.95	1	1	40.222948
Lane_str_opr	BOBJ1	88.0133	After	Interior Girder 2	42.3833	0.95	1	1	40.491515
Lane_str_opr	BOBJ1	88.0133	After	Interior Girder 3	42.3833	0.95	1	1	39.021518
Lane_str_opr	BOBJ1	88.0133	After	Interior Girder 4	42.3833	0.95	1	1	39.021518
Lane_str_opr	BOBJ1	88.0133	After	Interior Girder 5	42.3833	0.95	1	1	40.491515
Lane_str_opr	BOBJ1	88.0133	After	Interior Girder 6	42.3833	0.95	1	1	40.222948
Lane_str_opr	BOBJ1	88.0133	After	Right Exterior Girder	42.3833	0.95	1	1	71.451717
Lane_str_opr	BOBJ1	94.18	Before	Left Exterior Girder	48.55	0.95	1	1	70.535349
Lane_str_opr	BOBJ1	94.18	Before	Interior Girder 1	48.55	0.95	1	1	39.51436
Lane_str_opr	BOBJ1	94.18	Before	Interior Girder 2	48.55	0.95	1	1	39.779004
Lane_str_opr	BOBJ1	94.18	Before	Interior Girder 3	48.55	0.95	1	1	38.335386
Lane_str_opr	BOBJ1	94.18	Before	Interior Girder 4	48.55	0.95	1	1	38.335386
Lane_str_opr	BOBJ1	94.18	Before	Interior Girder 5	48.55	0.95	1	1	39.779004
Lane_str_opr	BOBJ1	94.18	Before	Interior Girder 6	48.55	0.95	1	1	39.51436
Lane_str_opr	BOBJ1	94.18	Before	Right Exterior Girder	48.55	0.95	1	1	70.535349
Lane_str_opr	BOBJ1	94.18	After	Left Exterior Girder	48.55	0.95	1	1	37.093235
Lane_str_opr	BOBJ1	94.18	After	Interior Girder 1	48.55	0.95	1	1	36.195242
Lane_str_opr	BOBJ1	94.18	After	Interior Girder 2	48.55	0.95	1	1	32.866299
Lane_str_opr	BOBJ1	94.18	After	Interior Girder 3	48.55	0.95	1	1	30.590103
Lane_str_opr	BOBJ1	94.18	After	Interior Girder 4	48.55	0.95	1	1	30.590103
Lane_str_opr	BOBJ1	94.18	After	Interior Girder 5	48.55	0.95	1	1	32.866299
Lane_str_opr	BOBJ1	94.18	After	Interior Girder 6	48.55	0.95	1	1	36.195242
Lane_str_opr	BOBJ1	94.18	After	Right Exterior Girder	48.55	0.95	1	1	37.093235
Lane_str_opr	BOBJ1	100.3567	Before	Left Exterior Girder	54.7267	0.95	1	1	36.59893
Lane_str_opr	BOBJ1	100.3567	Before	Interior Girder 1	54.7267	0.95	1	1	35.537455
Lane_str_opr	BOBJ1	100.3567	Before	Interior Girder 2	54.7267	0.95	1	1	32.275231
Lane_str_opr	BOBJ1	100.3567	Before	Interior Girder 3	54.7267	0.95	1	1	30.034046
Lane_str_opr	BOBJ1	100.3567	Before	Interior Girder 4	54.7267	0.95	1	1	30.034046
Lane_str_opr	BOBJ1	100.3567	Before	Interior Girder 5	54.7267	0.95	1	1	32.275231
Lane_str_opr	BOBJ1	100.3567	Before	Interior Girder 6	54.7267	0.95	1	1	35.537455
Lane_str_opr	BOBJ1	100.3567	Before	Right Exterior Girder	54.7267	0.95	1	1	36.59893
Lane_str_opr	BOBJ1	100.3567	After	Left Exterior Girder	54.7267	0.95	1	1	32.439996
Lane_str_opr	BOBJ1	100.3567	After	Interior Girder 1	54.7267	0.95	1	1	27.945935
Lane_str_opr	BOBJ1	100.3567	After	Interior Girder 2	54.7267	0.95	1	1	26.717264
Lane_str_opr	BOBJ1	100.3567	After	Interior Girder 3	54.7267	0.95	1	1	24.290706
Lane_str_opr	BOBJ1	100.3567	After	Interior Girder 4	54.7267	0.95	1	1	24.290706
Lane_str_opr	BOBJ1	100.3567	After	Interior Girder 5	54.7267	0.95	1	1	26.717264
Lane_str_opr	BOBJ1	100.3567	After	Interior Girder 6	54.7267	0.95	1	1	27.945935
Lane_str_opr	BOBJ1	100.3567	After	Right Exterior Girder	54.7267	0.95	1	1	32.439996
Lane_str_opr	BOBJ1	106.5333	Before	Left Exterior Girder	60.9033	0.95	1	1	31.989349
Lane_str_opr	BOBJ1	106.5333	Before	Interior Girder 1	60.9033	0.95	1	1	27.426203
Lane_str_opr	BOBJ1	106.5333	Before	Interior Girder 2	60.9033	0.95	1	1	26.224904
Lane_str_opr	BOBJ1	106.5333	Before	Interior Girder 3	60.9033	0.95	1	1	23.837222
Lane_str_opr	BOBJ1	106.5333	Before	Interior Girder 4	60.9033	0.95	1	1	23.837222
Lane_str_opr	BOBJ1	106.5333	Before	Interior Girder 5	60.9033	0.95	1	1	26.224904
Lane_str_opr	BOBJ1	106.5333	Before	Interior Girder 6	60.9033	0.95	1	1	27.426203
Lane_str_opr	BOBJ1	106.5333	Before	Right Exterior Girder	60.9033	0.95	1	1	31.989349
Lane_str_opr	BOBJ1	106.5333	After	Left Exterior Girder	60.9033	0.95	1	1	24.859372
Lane_str_opr	BOBJ1	106.5333	After	Interior Girder 1	60.9033	0.95	1	1	24.170554
Lane_str_opr	BOBJ1	106.5333	After	Interior Girder 2	60.9033	0.95	1	1	21.678159
Lane_str_opr	BOBJ1	106.5333	After	Interior Girder 3	60.9033	0.95	1	1	19.053833
Lane_str_opr	BOBJ1	106.5333	After	Interior Girder 4	60.9033	0.95	1	1	19.053833
Lane_str_opr	BOBJ1	106.5333	After	Interior Girder 5	60.9033	0.95	1	1	21.678159
Lane_str_opr	BOBJ1	106.5333	After	Interior Girder 6	60.9033	0.95	1	1	24.170554

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Approach, Span 16-19									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Lane_str_opr	BOBJ1	106.5333	After	Right Exterior Girder	60.9033	0.95	1	1	24.859372
Lane_str_opr	BOBJ1	108.2102	Before	Left Exterior Girder	62.5802	0.95	1	1	24.759823
Lane_str_opr	BOBJ1	108.2102	Before	Right Exterior Girder	62.5802	0.95	1	1	24.759823
Lane_str_opr	BOBJ1	108.2102	After	Left Exterior Girder	62.5802	0.95	1	1	28.593019
Lane_str_opr	BOBJ1	108.2102	After	Right Exterior Girder	62.5802	0.95	1	1	28.593019
Lane_str_opr	BOBJ1	112.71	Before	Left Exterior Girder	67.08	0.95	1	1	28.270675
Lane_str_opr	BOBJ1	112.71	Before	Interior Girder 1	67.08	0.95	1	1	20.839557
Lane_str_opr	BOBJ1	112.71	Before	Interior Girder 2	67.08	0.95	1	1	21.269124
Lane_str_opr	BOBJ1	112.71	Before	Interior Girder 3	67.08	0.95	1	1	18.68781
Lane_str_opr	BOBJ1	112.71	Before	Interior Girder 4	67.08	0.95	1	1	18.68781
Lane_str_opr	BOBJ1	112.71	Before	Interior Girder 5	67.08	0.95	1	1	21.269124
Lane_str_opr	BOBJ1	112.71	Before	Interior Girder 6	67.08	0.95	1	1	20.839557
Lane_str_opr	BOBJ1	112.71	Before	Right Exterior Girder	67.08	0.95	1	1	28.270675
Lane_str_opr	BOBJ1	112.71	After	Left Exterior Girder	0	0.95	1	1	33.404765
Lane_str_opr	BOBJ1	112.71	After	Interior Girder 1	0	0.95	1	1	22.790777
Lane_str_opr	BOBJ1	112.71	After	Interior Girder 2	0	0.95	1	1	23.227196
Lane_str_opr	BOBJ1	112.71	After	Interior Girder 3	0	0.95	1	1	20.175107
Lane_str_opr	BOBJ1	112.71	After	Interior Girder 4	0	0.95	1	1	20.175107
Lane_str_opr	BOBJ1	112.71	After	Interior Girder 5	0	0.95	1	1	23.227196
Lane_str_opr	BOBJ1	112.71	After	Interior Girder 6	0	0.95	1	1	22.790777
Lane_str_opr	BOBJ1	112.71	After	Right Exterior Girder	0	0.95	1	1	33.404765
Lane_str_opr	BOBJ1	117.21	Before	Left Exterior Girder	4.5	0.95	1	1	33.774679
Lane_str_opr	BOBJ1	117.21	Before	Right Exterior Girder	4.5	0.95	1	1	33.774679
Lane_str_opr	BOBJ1	117.21	After	Left Exterior Girder	4.5	0.95	1	1	30.387478
Lane_str_opr	BOBJ1	117.21	After	Right Exterior Girder	4.5	0.95	1	1	30.387478
Lane_str_opr	BOBJ1	119.1	Before	Left Exterior Girder	6.39	0.95	1	1	30.520064
Lane_str_opr	BOBJ1	119.1	Before	Interior Girder 1	6.39	0.95	1	1	25.643132
Lane_str_opr	BOBJ1	119.1	Before	Interior Girder 2	6.39	0.95	1	1	23.678903
Lane_str_opr	BOBJ1	119.1	Before	Interior Girder 3	6.39	0.95	1	1	20.574992
Lane_str_opr	BOBJ1	119.1	Before	Interior Girder 4	6.39	0.95	1	1	20.574992
Lane_str_opr	BOBJ1	119.1	Before	Interior Girder 5	6.39	0.95	1	1	23.678903
Lane_str_opr	BOBJ1	119.1	Before	Interior Girder 6	6.39	0.95	1	1	25.643132
Lane_str_opr	BOBJ1	119.1	Before	Right Exterior Girder	6.39	0.95	1	1	30.520064
Lane_str_opr	BOBJ1	119.1	After	Left Exterior Girder	6.39	0.95	1	1	38.889887
Lane_str_opr	BOBJ1	119.1	After	Interior Girder 1	6.39	0.95	1	1	30.743822
Lane_str_opr	BOBJ1	119.1	After	Interior Girder 2	6.39	0.95	1	1	29.214155
Lane_str_opr	BOBJ1	119.1	After	Interior Girder 3	6.39	0.95	1	1	26.273544
Lane_str_opr	BOBJ1	119.1	After	Interior Girder 4	6.39	0.95	1	1	26.273544
Lane_str_opr	BOBJ1	119.1	After	Interior Girder 5	6.39	0.95	1	1	29.214155
Lane_str_opr	BOBJ1	119.1	After	Interior Girder 6	6.39	0.95	1	1	30.743822
Lane_str_opr	BOBJ1	119.1	After	Right Exterior Girder	6.39	0.95	1	1	38.889887
Lane_str_opr	BOBJ1	125.49	Before	Left Exterior Girder	12.78	0.95	1	1	39.439981
Lane_str_opr	BOBJ1	125.49	Before	Interior Girder 1	12.78	0.95	1	1	31.331458
Lane_str_opr	BOBJ1	125.49	Before	Interior Girder 2	12.78	0.95	1	1	29.768642
Lane_str_opr	BOBJ1	125.49	Before	Interior Girder 3	12.78	0.95	1	1	26.779235
Lane_str_opr	BOBJ1	125.49	Before	Interior Girder 4	12.78	0.95	1	1	26.779235
Lane_str_opr	BOBJ1	125.49	Before	Interior Girder 5	12.78	0.95	1	1	29.768642
Lane_str_opr	BOBJ1	125.49	Before	Interior Girder 6	12.78	0.95	1	1	31.331458
Lane_str_opr	BOBJ1	125.49	Before	Right Exterior Girder	12.78	0.95	1	1	39.439981
Lane_str_opr	BOBJ1	125.49	After	Left Exterior Girder	12.78	0.95	1	1	45.275199
Lane_str_opr	BOBJ1	125.49	After	Interior Girder 1	12.78	0.95	1	1	40.796061
Lane_str_opr	BOBJ1	125.49	After	Interior Girder 2	12.78	0.95	1	1	36.696185
Lane_str_opr	BOBJ1	125.49	After	Interior Girder 3	12.78	0.95	1	1	33.793118
Lane_str_opr	BOBJ1	125.49	After	Interior Girder 4	12.78	0.95	1	1	33.793118
Lane_str_opr	BOBJ1	125.49	After	Interior Girder 5	12.78	0.95	1	1	36.696185
Lane_str_opr	BOBJ1	125.49	After	Interior Girder 6	12.78	0.95	1	1	40.796061
Lane_str_opr	BOBJ1	125.49	After	Right Exterior Girder	12.78	0.95	1	1	45.275199
Lane_str_opr	BOBJ1	131.88	Before	Left Exterior Girder	19.17	0.95	1	1	45.889001
Lane_str_opr	BOBJ1	131.88	Before	Interior Girder 1	19.17	0.95	1	1	41.557514
Lane_str_opr	BOBJ1	131.88	Before	Interior Girder 2	19.17	0.95	1	1	37.375425
Lane_str_opr	BOBJ1	131.88	Before	Interior Girder 3	19.17	0.95	1	1	34.425988
Lane_str_opr	BOBJ1	131.88	Before	Interior Girder 4	19.17	0.95	1	1	34.425988
Lane_str_opr	BOBJ1	131.88	Before	Interior Girder 5	19.17	0.95	1	1	37.375425
Lane_str_opr	BOBJ1	131.88	Before	Interior Girder 6	19.17	0.95	1	1	41.557514
Lane_str_opr	BOBJ1	131.88	Before	Right Exterior Girder	19.17	0.95	1	1	45.889001

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Approach, Span 16-19									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Lane_str_opr	BOBJ1	131.88	After	Left Exterior Girder	19.17	0.95	1	1	90.284019
Lane_str_opr	BOBJ1	131.88	After	Interior Girder 1	19.17	0.95	1	1	45.126441
Lane_str_opr	BOBJ1	131.88	After	Interior Girder 2	19.17	0.95	1	1	46.46581
Lane_str_opr	BOBJ1	131.88	After	Interior Girder 3	19.17	0.95	1	1	44.024621
Lane_str_opr	BOBJ1	131.88	After	Interior Girder 4	19.17	0.95	1	1	44.024621
Lane_str_opr	BOBJ1	131.88	After	Interior Girder 5	19.17	0.95	1	1	46.46581
Lane_str_opr	BOBJ1	131.88	After	Interior Girder 6	19.17	0.95	1	1	45.126441
Lane_str_opr	BOBJ1	131.88	After	Right Exterior Girder	19.17	0.95	1	1	90.284019
Lane_str_opr	BOBJ1	138.27	Before	Left Exterior Girder	25.56	0.95	1	1	91.460753
Lane_str_opr	BOBJ1	138.27	Before	Interior Girder 1	25.56	0.95	1	1	45.943678
Lane_str_opr	BOBJ1	138.27	Before	Interior Girder 2	25.56	0.95	1	1	47.308909
Lane_str_opr	BOBJ1	138.27	Before	Interior Girder 3	25.56	0.95	1	1	44.823632
Lane_str_opr	BOBJ1	138.27	Before	Interior Girder 4	25.56	0.95	1	1	44.823632
Lane_str_opr	BOBJ1	138.27	Before	Interior Girder 5	25.56	0.95	1	1	47.308909
Lane_str_opr	BOBJ1	138.27	Before	Interior Girder 6	25.56	0.95	1	1	45.943678
Lane_str_opr	BOBJ1	138.27	Before	Right Exterior Girder	25.56	0.95	1	1	91.460753
Lane_str_opr	BOBJ1	138.27	After	Left Exterior Girder	25.56	0.95	1	1	107.759473
Lane_str_opr	BOBJ1	138.27	After	Interior Girder 1	25.56	0.95	1	1	64.438185
Lane_str_opr	BOBJ1	138.27	After	Interior Girder 2	25.56	0.95	1	1	64.008963
Lane_str_opr	BOBJ1	138.27	After	Interior Girder 3	25.56	0.95	1	1	64.126251
Lane_str_opr	BOBJ1	138.27	After	Interior Girder 4	25.56	0.95	1	1	64.126251
Lane_str_opr	BOBJ1	138.27	After	Interior Girder 5	25.56	0.95	1	1	64.008963
Lane_str_opr	BOBJ1	138.27	After	Interior Girder 6	25.56	0.95	1	1	64.438185
Lane_str_opr	BOBJ1	138.27	After	Right Exterior Girder	25.56	0.95	1	1	107.759473
Lane_str_opr	BOBJ1	144.66	Before	Left Exterior Girder	31.95	0.95	1	1	106.417127
Lane_str_opr	BOBJ1	144.66	Before	Interior Girder 1	31.95	0.95	1	1	63.63669
Lane_str_opr	BOBJ1	144.66	Before	Interior Girder 2	31.95	0.95	1	1	62.910888
Lane_str_opr	BOBJ1	144.66	Before	Interior Girder 3	31.95	0.95	1	1	63.009642
Lane_str_opr	BOBJ1	144.66	Before	Interior Girder 4	31.95	0.95	1	1	63.009642
Lane_str_opr	BOBJ1	144.66	Before	Interior Girder 5	31.95	0.95	1	1	62.910888
Lane_str_opr	BOBJ1	144.66	Before	Interior Girder 6	31.95	0.95	1	1	63.63669
Lane_str_opr	BOBJ1	144.66	Before	Right Exterior Girder	31.95	0.95	1	1	106.417127
Lane_str_opr	BOBJ1	144.66	After	Left Exterior Girder	31.95	0.95	1	1	86.922609
Lane_str_opr	BOBJ1	144.66	After	Interior Girder 1	31.95	0.95	1	1	45.266246
Lane_str_opr	BOBJ1	144.66	After	Interior Girder 2	31.95	0.95	1	1	46.438713
Lane_str_opr	BOBJ1	144.66	After	Interior Girder 3	31.95	0.95	1	1	43.858425
Lane_str_opr	BOBJ1	144.66	After	Interior Girder 4	31.95	0.95	1	1	43.858425
Lane_str_opr	BOBJ1	144.66	After	Interior Girder 5	31.95	0.95	1	1	46.438713
Lane_str_opr	BOBJ1	144.66	After	Interior Girder 6	31.95	0.95	1	1	45.266246
Lane_str_opr	BOBJ1	144.66	After	Right Exterior Girder	31.95	0.95	1	1	86.922609
Lane_str_opr	BOBJ1	151.05	Before	Left Exterior Girder	38.34	0.95	1	1	85.797519
Lane_str_opr	BOBJ1	151.05	Before	Interior Girder 1	38.34	0.95	1	1	44.459536
Lane_str_opr	BOBJ1	151.05	Before	Interior Girder 2	38.34	0.95	1	1	45.610089
Lane_str_opr	BOBJ1	151.05	Before	Interior Girder 3	38.34	0.95	1	1	43.075715
Lane_str_opr	BOBJ1	151.05	Before	Interior Girder 4	38.34	0.95	1	1	43.075715
Lane_str_opr	BOBJ1	151.05	Before	Interior Girder 5	38.34	0.95	1	1	45.610089
Lane_str_opr	BOBJ1	151.05	Before	Interior Girder 6	38.34	0.95	1	1	44.459536
Lane_str_opr	BOBJ1	151.05	Before	Right Exterior Girder	38.34	0.95	1	1	85.797519
Lane_str_opr	BOBJ1	151.05	After	Left Exterior Girder	38.34	0.95	1	1	44.151217
Lane_str_opr	BOBJ1	151.05	After	Interior Girder 1	38.34	0.95	1	1	40.69022
Lane_str_opr	BOBJ1	151.05	After	Interior Girder 2	38.34	0.95	1	1	36.625249
Lane_str_opr	BOBJ1	151.05	After	Interior Girder 3	38.34	0.95	1	1	33.445829
Lane_str_opr	BOBJ1	151.05	After	Interior Girder 4	38.34	0.95	1	1	33.445829
Lane_str_opr	BOBJ1	151.05	After	Interior Girder 5	38.34	0.95	1	1	36.625249
Lane_str_opr	BOBJ1	151.05	After	Interior Girder 6	38.34	0.95	1	1	40.69022
Lane_str_opr	BOBJ1	151.05	After	Right Exterior Girder	38.34	0.95	1	1	44.151217
Lane_str_opr	BOBJ1	157.4367	Before	Left Exterior Girder	44.7267	0.95	1	1	43.556653
Lane_str_opr	BOBJ1	157.4367	Before	Interior Girder 1	44.7267	0.95	1	1	39.944437
Lane_str_opr	BOBJ1	157.4367	Before	Interior Girder 2	44.7267	0.95	1	1	35.959622
Lane_str_opr	BOBJ1	157.4367	Before	Interior Girder 3	44.7267	0.95	1	1	32.830045
Lane_str_opr	BOBJ1	157.4367	Before	Interior Girder 4	44.7267	0.95	1	1	32.830045
Lane_str_opr	BOBJ1	157.4367	Before	Interior Girder 5	44.7267	0.95	1	1	35.959622
Lane_str_opr	BOBJ1	157.4367	Before	Interior Girder 6	44.7267	0.95	1	1	39.944437
Lane_str_opr	BOBJ1	157.4367	Before	Right Exterior Girder	44.7267	0.95	1	1	43.556653
Lane_str_opr	BOBJ1	157.4367	After	Left Exterior Girder	44.7267	0.95	1	1	39.115342

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Approach, Span 16-19									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Lane_str_opr	BOBJ1	157.4367	After	Interior Girder 1	44.7267	0.95	1	1	33.974605
Lane_str_opr	BOBJ1	157.4367	After	Interior Girder 2	44.7267	0.95	1	1	31.204256
Lane_str_opr	BOBJ1	157.4367	After	Interior Girder 3	44.7267	0.95	1	1	27.648152
Lane_str_opr	BOBJ1	157.4367	After	Interior Girder 4	44.7267	0.95	1	1	27.648152
Lane_str_opr	BOBJ1	157.4367	After	Interior Girder 5	44.7267	0.95	1	1	31.204256
Lane_str_opr	BOBJ1	157.4367	After	Interior Girder 6	44.7267	0.95	1	1	33.974605
Lane_str_opr	BOBJ1	157.4367	After	Right Exterior Girder	44.7267	0.95	1	1	39.115342
Lane_str_opr	BOBJ1	158.71	Before	Left Exterior Girder	46	0.95	1	1	39.006506
Lane_str_opr	BOBJ1	158.71	Before	Interior Girder 1	46	0.95	1	1	33.848299
Lane_str_opr	BOBJ1	158.71	Before	Interior Girder 2	46	0.95	1	1	31.088869
Lane_str_opr	BOBJ1	158.71	Before	Interior Girder 3	46	0.95	1	1	27.544127
Lane_str_opr	BOBJ1	158.71	Before	Interior Girder 4	46	0.95	1	1	27.544127
Lane_str_opr	BOBJ1	158.71	Before	Interior Girder 5	46	0.95	1	1	31.088869
Lane_str_opr	BOBJ1	158.71	Before	Interior Girder 6	46	0.95	1	1	33.848299
Lane_str_opr	BOBJ1	158.71	Before	Right Exterior Girder	46	0.95	1	1	39.006506
Lane_str_opr	BOBJ1	158.71	After	Left Exterior Girder	46	0.95	1	1	47.023054
Lane_str_opr	BOBJ1	158.71	After	Interior Girder 1	46	0.95	1	1	34.688674
Lane_str_opr	BOBJ1	158.71	After	Interior Girder 2	46	0.95	1	1	33.270248
Lane_str_opr	BOBJ1	158.71	After	Interior Girder 3	46	0.95	1	1	29.620433
Lane_str_opr	BOBJ1	158.71	After	Interior Girder 4	46	0.95	1	1	29.620433
Lane_str_opr	BOBJ1	158.71	After	Interior Girder 5	46	0.95	1	1	33.270248
Lane_str_opr	BOBJ1	158.71	After	Interior Girder 6	46	0.95	1	1	34.688674
Lane_str_opr	BOBJ1	158.71	After	Right Exterior Girder	46	0.95	1	1	47.023054
Lane_str_opr	BOBJ1	163.8233	Before	Left Exterior Girder	51.1133	0.95	1	1	46.568027
Lane_str_opr	BOBJ1	163.8233	Before	Interior Girder 1	51.1133	0.95	1	1	34.225485
Lane_str_opr	BOBJ1	163.8233	Before	Interior Girder 2	51.1133	0.95	1	1	32.82864
Lane_str_opr	BOBJ1	163.8233	Before	Interior Girder 3	51.1133	0.95	1	1	29.221847
Lane_str_opr	BOBJ1	163.8233	Before	Interior Girder 4	51.1133	0.95	1	1	29.221847
Lane_str_opr	BOBJ1	163.8233	Before	Interior Girder 5	51.1133	0.95	1	1	32.82864
Lane_str_opr	BOBJ1	163.8233	Before	Interior Girder 6	51.1133	0.95	1	1	34.225485
Lane_str_opr	BOBJ1	163.8233	Before	Right Exterior Girder	51.1133	0.95	1	1	46.568027
Lane_str_opr	BOBJ1	163.8233	After	Left Exterior Girder	51.1133	0.95	1	1	35.950489
Lane_str_opr	BOBJ1	163.8233	After	Interior Girder 1	51.1133	0.95	1	1	30.323621
Lane_str_opr	BOBJ1	163.8233	After	Interior Girder 2	51.1133	0.95	1	1	27.356841
Lane_str_opr	BOBJ1	163.8233	After	Interior Girder 3	51.1133	0.95	1	1	23.529952
Lane_str_opr	BOBJ1	163.8233	After	Interior Girder 4	51.1133	0.95	1	1	23.529952
Lane_str_opr	BOBJ1	163.8233	After	Interior Girder 5	51.1133	0.95	1	1	27.356841
Lane_str_opr	BOBJ1	163.8233	After	Interior Girder 6	51.1133	0.95	1	1	30.323621
Lane_str_opr	BOBJ1	163.8233	After	Right Exterior Girder	51.1133	0.95	1	1	35.950489
Lane_str_opr	BOBJ1	164.71	Before	Left Exterior Girder	52	0.95	1	1	35.887648
Lane_str_opr	BOBJ1	164.71	Before	Right Exterior Girder	52	0.95	1	1	35.887648
Lane_str_opr	BOBJ1	164.71	After	Left Exterior Girder	52	0.95	1	1	41.305466
Lane_str_opr	BOBJ1	164.71	After	Right Exterior Girder	52	0.95	1	1	41.305466
Lane_str_opr	BOBJ1	170.21	Before	Left Exterior Girder	57.5	0.95	1	1	40.821856
Lane_str_opr	BOBJ1	170.21	Before	Interior Girder 1	57.5	0.95	1	1	26.546785
Lane_str_opr	BOBJ1	170.21	Before	Interior Girder 2	57.5	0.95	1	1	26.895525
Lane_str_opr	BOBJ1	170.21	Before	Interior Girder 3	57.5	0.95	1	1	23.126004
Lane_str_opr	BOBJ1	170.21	Before	Interior Girder 4	57.5	0.95	1	1	23.126004
Lane_str_opr	BOBJ1	170.21	Before	Interior Girder 5	57.5	0.95	1	1	26.895525
Lane_str_opr	BOBJ1	170.21	Before	Interior Girder 6	57.5	0.95	1	1	26.546785
Lane_str_opr	BOBJ1	170.21	Before	Right Exterior Girder	57.5	0.95	1	1	40.821856
Lane_str_opr	BOBJ1	170.21	After	Left Exterior Girder	0	0.95	1	1	37.11366
Lane_str_opr	BOBJ1	170.21	After	Interior Girder 1	0	0.95	1	1	24.716889
Lane_str_opr	BOBJ1	170.21	After	Interior Girder 2	0	0.95	1	1	24.900018
Lane_str_opr	BOBJ1	170.21	After	Interior Girder 3	0	0.95	1	1	21.638171
Lane_str_opr	BOBJ1	170.21	After	Interior Girder 4	0	0.95	1	1	21.638171
Lane_str_opr	BOBJ1	170.21	After	Interior Girder 5	0	0.95	1	1	24.900018
Lane_str_opr	BOBJ1	170.21	After	Interior Girder 6	0	0.95	1	1	24.716889
Lane_str_opr	BOBJ1	170.21	After	Right Exterior Girder	0	0.95	1	1	37.11366
Lane_str_opr	BOBJ1	176.21	Before	Left Exterior Girder	6	0.95	1	1	37.608039
Lane_str_opr	BOBJ1	176.21	Before	Right Exterior Girder	6	0.95	1	1	37.608039
Lane_str_opr	BOBJ1	176.21	After	Left Exterior Girder	6	0.95	1	1	25.584884
Lane_str_opr	BOBJ1	176.21	After	Right Exterior Girder	6	0.95	1	1	25.584884
Lane_str_opr	BOBJ1	176.6	Before	Left Exterior Girder	6.39	0.95	1	1	25.606152
Lane_str_opr	BOBJ1	176.6	Before	Interior Girder 1	6.39	0.95	1	1	35.802387

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Approach, Span 16-19									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Lane_str_opr	BOBJ1	176.6	Before	Interior Girder 2	6.39	0.95	1	1	25.337964
Lane_str_opr	BOBJ1	176.6	Before	Interior Girder 3	6.39	0.95	1	1	22.025524
Lane_str_opr	BOBJ1	176.6	Before	Interior Girder 4	6.39	0.95	1	1	22.025524
Lane_str_opr	BOBJ1	176.6	Before	Interior Girder 5	6.39	0.95	1	1	25.337964
Lane_str_opr	BOBJ1	176.6	Before	Interior Girder 6	6.39	0.95	1	1	35.802387
Lane_str_opr	BOBJ1	176.6	Before	Right Exterior Girder	6.39	0.95	1	1	25.606152
Lane_str_opr	BOBJ1	176.6	After	Left Exterior Girder	6.39	0.95	1	1	42.171386
Lane_str_opr	BOBJ1	176.6	After	Interior Girder 1	6.39	0.95	1	1	32.605244
Lane_str_opr	BOBJ1	176.6	After	Interior Girder 2	6.39	0.95	1	1	30.816715
Lane_str_opr	BOBJ1	176.6	After	Interior Girder 3	6.39	0.95	1	1	27.673114
Lane_str_opr	BOBJ1	176.6	After	Interior Girder 4	6.39	0.95	1	1	27.673114
Lane_str_opr	BOBJ1	176.6	After	Interior Girder 5	6.39	0.95	1	1	30.816715
Lane_str_opr	BOBJ1	176.6	After	Interior Girder 6	6.39	0.95	1	1	32.605244
Lane_str_opr	BOBJ1	176.6	After	Right Exterior Girder	6.39	0.95	1	1	42.171386
Lane_str_opr	BOBJ1	182.99	Before	Left Exterior Girder	12.78	0.95	1	1	42.700577
Lane_str_opr	BOBJ1	182.99	Before	Interior Girder 1	12.78	0.95	1	1	33.170875
Lane_str_opr	BOBJ1	182.99	Before	Interior Girder 2	12.78	0.95	1	1	31.347118
Lane_str_opr	BOBJ1	182.99	Before	Interior Girder 3	12.78	0.95	1	1	28.155586
Lane_str_opr	BOBJ1	182.99	Before	Interior Girder 4	12.78	0.95	1	1	28.155586
Lane_str_opr	BOBJ1	182.99	Before	Interior Girder 5	12.78	0.95	1	1	31.347118
Lane_str_opr	BOBJ1	182.99	Before	Interior Girder 6	12.78	0.95	1	1	33.170875
Lane_str_opr	BOBJ1	182.99	Before	Right Exterior Girder	12.78	0.95	1	1	42.700577
Lane_str_opr	BOBJ1	182.99	After	Left Exterior Girder	12.78	0.95	1	1	48.561599
Lane_str_opr	BOBJ1	182.99	After	Interior Girder 1	12.78	0.95	1	1	42.676664
Lane_str_opr	BOBJ1	182.99	After	Interior Girder 2	12.78	0.95	1	1	38.171459
Lane_str_opr	BOBJ1	182.99	After	Interior Girder 3	12.78	0.95	1	1	35.074176
Lane_str_opr	BOBJ1	182.99	After	Interior Girder 4	12.78	0.95	1	1	35.074176
Lane_str_opr	BOBJ1	182.99	After	Interior Girder 5	12.78	0.95	1	1	38.171459
Lane_str_opr	BOBJ1	182.99	After	Interior Girder 6	12.78	0.95	1	1	42.676664
Lane_str_opr	BOBJ1	182.99	After	Right Exterior Girder	12.78	0.95	1	1	48.561599
Lane_str_opr	BOBJ1	189.38	Before	Left Exterior Girder	19.17	0.95	1	1	49.149339
Lane_str_opr	BOBJ1	189.38	Before	Interior Girder 1	19.17	0.95	1	1	43.401449
Lane_str_opr	BOBJ1	189.38	Before	Interior Girder 2	19.17	0.95	1	1	38.81384
Lane_str_opr	BOBJ1	189.38	Before	Interior Girder 3	19.17	0.95	1	1	35.670746
Lane_str_opr	BOBJ1	189.38	Before	Interior Girder 4	19.17	0.95	1	1	35.670746
Lane_str_opr	BOBJ1	189.38	Before	Interior Girder 5	19.17	0.95	1	1	38.81384
Lane_str_opr	BOBJ1	189.38	Before	Interior Girder 6	19.17	0.95	1	1	43.401449
Lane_str_opr	BOBJ1	189.38	Before	Right Exterior Girder	19.17	0.95	1	1	49.149339
Lane_str_opr	BOBJ1	189.38	After	Left Exterior Girder	19.17	0.95	1	1	96.974611
Lane_str_opr	BOBJ1	189.38	After	Interior Girder 1	19.17	0.95	1	1	47.642007
Lane_str_opr	BOBJ1	189.38	After	Interior Girder 2	19.17	0.95	1	1	48.464884
Lane_str_opr	BOBJ1	189.38	After	Interior Girder 3	19.17	0.95	1	1	45.11247
Lane_str_opr	BOBJ1	189.38	After	Interior Girder 4	19.17	0.95	1	1	45.11247
Lane_str_opr	BOBJ1	189.38	After	Interior Girder 5	19.17	0.95	1	1	48.464884
Lane_str_opr	BOBJ1	189.38	After	Interior Girder 6	19.17	0.95	1	1	47.642007
Lane_str_opr	BOBJ1	189.38	After	Right Exterior Girder	19.17	0.95	1	1	96.974611
Lane_str_opr	BOBJ1	195.77	Before	Left Exterior Girder	25.56	0.95	1	1	98.110448
Lane_str_opr	BOBJ1	195.77	Before	Interior Girder 1	25.56	0.95	1	1	48.430101
Lane_str_opr	BOBJ1	195.77	Before	Interior Girder 2	25.56	0.95	1	1	49.265611
Lane_str_opr	BOBJ1	195.77	Before	Interior Girder 3	25.56	0.95	1	1	45.857447
Lane_str_opr	BOBJ1	195.77	Before	Interior Girder 4	25.56	0.95	1	1	45.857447
Lane_str_opr	BOBJ1	195.77	Before	Interior Girder 5	25.56	0.95	1	1	49.265611
Lane_str_opr	BOBJ1	195.77	Before	Interior Girder 6	25.56	0.95	1	1	48.430101
Lane_str_opr	BOBJ1	195.77	Before	Right Exterior Girder	25.56	0.95	1	1	98.110448
Lane_str_opr	BOBJ1	195.77	After	Left Exterior Girder	25.56	0.95	1	1	123.482445
Lane_str_opr	BOBJ1	195.77	After	Interior Girder 1	25.56	0.95	1	1	68.104362
Lane_str_opr	BOBJ1	195.77	After	Interior Girder 2	25.56	0.95	1	1	66.556967
Lane_str_opr	BOBJ1	195.77	After	Interior Girder 3	25.56	0.95	1	1	65.370962
Lane_str_opr	BOBJ1	195.77	After	Interior Girder 4	25.56	0.95	1	1	65.370962
Lane_str_opr	BOBJ1	195.77	After	Interior Girder 5	25.56	0.95	1	1	66.556967
Lane_str_opr	BOBJ1	195.77	After	Interior Girder 6	25.56	0.95	1	1	68.104362
Lane_str_opr	BOBJ1	195.77	After	Right Exterior Girder	25.56	0.95	1	1	123.482445
Lane_str_opr	BOBJ1	202.16	Before	Left Exterior Girder	31.95	0.95	1	1	124.881574
Lane_str_opr	BOBJ1	202.16	Before	Interior Girder 1	31.95	0.95	1	1	69.207685
Lane_str_opr	BOBJ1	202.16	Before	Interior Girder 2	31.95	0.95	1	1	67.632128

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Approach, Span 16-19									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Lane_str_opr	BOBJ1	202.16	Before	Interior Girder 3	31.95	0.95	1	1	66.426382
Lane_str_opr	BOBJ1	202.16	Before	Interior Girder 4	31.95	0.95	1	1	66.426382
Lane_str_opr	BOBJ1	202.16	Before	Interior Girder 5	31.95	0.95	1	1	67.632128
Lane_str_opr	BOBJ1	202.16	Before	Interior Girder 6	31.95	0.95	1	1	69.207685
Lane_str_opr	BOBJ1	202.16	Before	Right Exterior Girder	31.95	0.95	1	1	124.881574
Lane_str_opr	BOBJ1	202.16	After	Left Exterior Girder	31.95	0.95	1	1	162.008508
Lane_str_opr	BOBJ1	202.16	After	Interior Girder 1	31.95	0.95	1	1	79.122404
Lane_str_opr	BOBJ1	202.16	After	Interior Girder 2	31.95	0.95	1	1	80.183239
Lane_str_opr	BOBJ1	202.16	After	Interior Girder 3	31.95	0.95	1	1	74.853201
Lane_str_opr	BOBJ1	202.16	After	Interior Girder 4	31.95	0.95	1	1	74.853201
Lane_str_opr	BOBJ1	202.16	After	Interior Girder 5	31.95	0.95	1	1	80.183239
Lane_str_opr	BOBJ1	202.16	After	Interior Girder 6	31.95	0.95	1	1	79.122404
Lane_str_opr	BOBJ1	202.16	After	Right Exterior Girder	31.95	0.95	1	1	162.008508
Lane_str_opr	BOBJ1	208.55	Before	Left Exterior Girder	38.34	0.95	1	1	163.786688
Lane_str_opr	BOBJ1	208.55	Before	Interior Girder 1	38.34	0.95	1	1	77.892615
Lane_str_opr	BOBJ1	208.55	Before	Interior Girder 2	38.34	0.95	1	1	78.931643
Lane_str_opr	BOBJ1	208.55	Before	Interior Girder 3	38.34	0.95	1	1	73.684587
Lane_str_opr	BOBJ1	208.55	Before	Interior Girder 4	38.34	0.95	1	1	73.684587
Lane_str_opr	BOBJ1	208.55	Before	Interior Girder 5	38.34	0.95	1	1	78.931643
Lane_str_opr	BOBJ1	208.55	Before	Interior Girder 6	38.34	0.95	1	1	77.892615
Lane_str_opr	BOBJ1	208.55	Before	Right Exterior Girder	38.34	0.95	1	1	163.786688
Lane_str_opr	BOBJ1	208.55	After	Left Exterior Girder	38.34	0.95	1	1	80.457384
Lane_str_opr	BOBJ1	208.55	After	Interior Girder 1	38.34	0.95	1	1	73.886595
Lane_str_opr	BOBJ1	208.55	After	Interior Girder 2	38.34	0.95	1	1	65.369685
Lane_str_opr	BOBJ1	208.55	After	Interior Girder 3	38.34	0.95	1	1	66.825345
Lane_str_opr	BOBJ1	208.55	After	Interior Girder 4	38.34	0.95	1	1	66.825345
Lane_str_opr	BOBJ1	208.55	After	Interior Girder 5	38.34	0.95	1	1	65.369685
Lane_str_opr	BOBJ1	208.55	After	Interior Girder 6	38.34	0.95	1	1	73.886595
Lane_str_opr	BOBJ1	208.55	After	Right Exterior Girder	38.34	0.95	1	1	80.457384
Lane_str_opr	BOBJ1	215.1233	Before	Left Exterior Girder	44.9133	0.95	1	1	79.531325
Lane_str_opr	BOBJ1	215.1233	Before	Interior Girder 1	44.9133	0.95	1	1	72.666621
Lane_str_opr	BOBJ1	215.1233	Before	Interior Girder 2	44.9133	0.95	1	1	64.297212
Lane_str_opr	BOBJ1	215.1233	Before	Interior Girder 3	44.9133	0.95	1	1	65.727224
Lane_str_opr	BOBJ1	215.1233	Before	Interior Girder 4	44.9133	0.95	1	1	65.727224
Lane_str_opr	BOBJ1	215.1233	Before	Interior Girder 5	44.9133	0.95	1	1	64.297212
Lane_str_opr	BOBJ1	215.1233	Before	Interior Girder 6	44.9133	0.95	1	1	72.666621
Lane_str_opr	BOBJ1	215.1233	Before	Right Exterior Girder	44.9133	0.95	1	1	79.531325
Lane_str_opr	BOBJ1	215.1233	After	Left Exterior Girder	44.9133	0.95	1	1	66.800302
Lane_str_opr	BOBJ1	215.1233	After	Interior Girder 1	44.9133	0.95	1	1	52.53035
Lane_str_opr	BOBJ1	215.1233	After	Interior Girder 2	44.9133	0.95	1	1	49.00704
Lane_str_opr	BOBJ1	215.1233	After	Interior Girder 3	44.9133	0.95	1	1	48.88969
Lane_str_opr	BOBJ1	215.1233	After	Interior Girder 4	44.9133	0.95	1	1	48.88969
Lane_str_opr	BOBJ1	215.1233	After	Interior Girder 5	44.9133	0.95	1	1	49.00704
Lane_str_opr	BOBJ1	215.1233	After	Interior Girder 6	44.9133	0.95	1	1	52.53035
Lane_str_opr	BOBJ1	215.1233	After	Right Exterior Girder	44.9133	0.95	1	1	66.800302
Lane_str_opr	BOBJ1	221.6967	Before	Left Exterior Girder	51.4867	0.95	1	1	66.005329
Lane_str_opr	BOBJ1	221.6967	Before	Interior Girder 1	51.4867	0.95	1	1	51.643967
Lane_str_opr	BOBJ1	221.6967	Before	Interior Girder 2	51.4867	0.95	1	1	48.184516
Lane_str_opr	BOBJ1	221.6967	Before	Interior Girder 3	51.4867	0.95	1	1	48.067613
Lane_str_opr	BOBJ1	221.6967	Before	Interior Girder 4	51.4867	0.95	1	1	48.067613
Lane_str_opr	BOBJ1	221.6967	Before	Interior Girder 5	51.4867	0.95	1	1	48.184516
Lane_str_opr	BOBJ1	221.6967	Before	Interior Girder 6	51.4867	0.95	1	1	51.643967
Lane_str_opr	BOBJ1	221.6967	Before	Right Exterior Girder	51.4867	0.95	1	1	66.005329
Lane_str_opr	BOBJ1	221.6967	After	Left Exterior Girder	51.4867	0.95	1	1	57.301922
Lane_str_opr	BOBJ1	221.6967	After	Interior Girder 1	51.4867	0.95	1	1	36.86782
Lane_str_opr	BOBJ1	221.6967	After	Interior Girder 2	51.4867	0.95	1	1	36.638509
Lane_str_opr	BOBJ1	221.6967	After	Interior Girder 3	51.4867	0.95	1	1	35.335086
Lane_str_opr	BOBJ1	221.6967	After	Interior Girder 4	51.4867	0.95	1	1	35.335086
Lane_str_opr	BOBJ1	221.6967	After	Interior Girder 5	51.4867	0.95	1	1	36.638509
Lane_str_opr	BOBJ1	221.6967	After	Interior Girder 6	51.4867	0.95	1	1	36.86782
Lane_str_opr	BOBJ1	221.6967	After	Right Exterior Girder	51.4867	0.95	1	1	57.301922
Lane_str_opr	BOBJ1	228.27	Before	Left Exterior Girder	58.06	0.95	1	1	56.59521
Lane_str_opr	BOBJ1	228.27	Before	Interior Girder 1	58.06	0.95	1	1	36.232518
Lane_str_opr	BOBJ1	228.27	Before	Interior Girder 2	58.06	0.95	1	1	36.009501
Lane_str_opr	BOBJ1	228.27	Before	Interior Girder 3	58.06	0.95	1	1	34.726381

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Approach, Span 16-19									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Lane_str_opr	BOBJ1	228.27	Before	Interior Girder 4	58.06	0.95	1	1	34.726381
Lane_str_opr	BOBJ1	228.27	Before	Interior Girder 5	58.06	0.95	1	1	36.009501
Lane_str_opr	BOBJ1	228.27	Before	Interior Girder 6	58.06	0.95	1	1	36.232518
Lane_str_opr	BOBJ1	228.27	Before	Right Exterior Girder	58.06	0.95	1	1	56.59521
Lane_str_inv	BOBJ1	0	After	Left Exterior Girder	0	0.95	1	1	49.608539
Lane_str_inv	BOBJ1	0	After	Interior Girder 1	0	0.95	1	1	29.114749
Lane_str_inv	BOBJ1	0	After	Interior Girder 2	0	0.95	1	1	29.309281
Lane_str_inv	BOBJ1	0	After	Interior Girder 3	0	0.95	1	1	27.807154
Lane_str_inv	BOBJ1	0	After	Interior Girder 4	0	0.95	1	1	27.807154
Lane_str_inv	BOBJ1	0	After	Interior Girder 5	0	0.95	1	1	29.309281
Lane_str_inv	BOBJ1	0	After	Interior Girder 6	0	0.95	1	1	29.114749
Lane_str_inv	BOBJ1	0	After	Right Exterior Girder	0	0.95	1	1	49.608539
Lane_str_inv	BOBJ1	5.3833	Before	Left Exterior Girder	5.3833	0.95	1	1	50.175527
Lane_str_inv	BOBJ1	5.3833	Before	Interior Girder 1	5.3833	0.95	1	1	29.571477
Lane_str_inv	BOBJ1	5.3833	Before	Interior Girder 2	5.3833	0.95	1	1	29.767555
Lane_str_inv	BOBJ1	5.3833	Before	Interior Girder 3	5.3833	0.95	1	1	28.244053
Lane_str_inv	BOBJ1	5.3833	Before	Interior Girder 4	5.3833	0.95	1	1	28.244053
Lane_str_inv	BOBJ1	5.3833	Before	Interior Girder 5	5.3833	0.95	1	1	29.767555
Lane_str_inv	BOBJ1	5.3833	Before	Interior Girder 6	5.3833	0.95	1	1	29.571477
Lane_str_inv	BOBJ1	5.3833	Before	Right Exterior Girder	5.3833	0.95	1	1	50.175527
Lane_str_inv	BOBJ1	5.3833	After	Left Exterior Girder	5.3833	0.95	1	1	58.624475
Lane_str_inv	BOBJ1	5.3833	After	Interior Girder 1	5.3833	0.95	1	1	41.594292
Lane_str_inv	BOBJ1	5.3833	After	Interior Girder 2	5.3833	0.95	1	1	39.068583
Lane_str_inv	BOBJ1	5.3833	After	Interior Girder 3	5.3833	0.95	1	1	38.631501
Lane_str_inv	BOBJ1	5.3833	After	Interior Girder 4	5.3833	0.95	1	1	38.631501
Lane_str_inv	BOBJ1	5.3833	After	Interior Girder 5	5.3833	0.95	1	1	39.068583
Lane_str_inv	BOBJ1	5.3833	After	Interior Girder 6	5.3833	0.95	1	1	41.594292
Lane_str_inv	BOBJ1	5.3833	After	Right Exterior Girder	5.3833	0.95	1	1	58.624475
Lane_str_inv	BOBJ1	10.7667	Before	Left Exterior Girder	10.7667	0.95	1	1	59.271732
Lane_str_inv	BOBJ1	10.7667	Before	Interior Girder 1	10.7667	0.95	1	1	42.23435
Lane_str_inv	BOBJ1	10.7667	Before	Interior Girder 2	10.7667	0.95	1	1	39.666599
Lane_str_inv	BOBJ1	10.7667	Before	Interior Girder 3	10.7667	0.95	1	1	39.225268
Lane_str_inv	BOBJ1	10.7667	Before	Interior Girder 4	10.7667	0.95	1	1	39.225268
Lane_str_inv	BOBJ1	10.7667	Before	Interior Girder 5	10.7667	0.95	1	1	39.666599
Lane_str_inv	BOBJ1	10.7667	Before	Interior Girder 6	10.7667	0.95	1	1	42.23435
Lane_str_inv	BOBJ1	10.7667	Before	Right Exterior Girder	10.7667	0.95	1	1	59.271732
Lane_str_inv	BOBJ1	10.7667	After	Left Exterior Girder	10.7667	0.95	1	1	71.37098
Lane_str_inv	BOBJ1	10.7667	After	Interior Girder 1	10.7667	0.95	1	1	58.304854
Lane_str_inv	BOBJ1	10.7667	After	Interior Girder 2	10.7667	0.95	1	1	51.866917
Lane_str_inv	BOBJ1	10.7667	After	Interior Girder 3	10.7667	0.95	1	1	52.721201
Lane_str_inv	BOBJ1	10.7667	After	Interior Girder 4	10.7667	0.95	1	1	52.721202
Lane_str_inv	BOBJ1	10.7667	After	Interior Girder 5	10.7667	0.95	1	1	51.866917
Lane_str_inv	BOBJ1	10.7667	After	Interior Girder 6	10.7667	0.95	1	1	58.304854
Lane_str_inv	BOBJ1	10.7667	After	Right Exterior Girder	10.7667	0.95	1	1	71.37098
Lane_str_inv	BOBJ1	16.15	Before	Left Exterior Girder	16.15	0.95	1	1	72.13362
Lane_str_inv	BOBJ1	16.15	Before	Interior Girder 1	16.15	0.95	1	1	59.184464
Lane_str_inv	BOBJ1	16.15	Before	Interior Girder 2	16.15	0.95	1	1	52.644417
Lane_str_inv	BOBJ1	16.15	Before	Interior Girder 3	16.15	0.95	1	1	53.514483
Lane_str_inv	BOBJ1	16.15	Before	Interior Girder 4	16.15	0.95	1	1	53.514483
Lane_str_inv	BOBJ1	16.15	Before	Interior Girder 5	16.15	0.95	1	1	52.644417
Lane_str_inv	BOBJ1	16.15	Before	Interior Girder 6	16.15	0.95	1	1	59.184464
Lane_str_inv	BOBJ1	16.15	Before	Right Exterior Girder	16.15	0.95	1	1	72.13362
Lane_str_inv	BOBJ1	16.15	After	Left Exterior Girder	16.15	0.95	1	1	78.192394
Lane_str_inv	BOBJ1	16.15	After	Interior Girder 1	16.15	0.95	1	1	57.071305
Lane_str_inv	BOBJ1	16.15	After	Interior Girder 2	16.15	0.95	1	1	53.364167
Lane_str_inv	BOBJ1	16.15	After	Interior Girder 3	16.15	0.95	1	1	54.022256
Lane_str_inv	BOBJ1	16.15	After	Interior Girder 4	16.15	0.95	1	1	54.022256
Lane_str_inv	BOBJ1	16.15	After	Interior Girder 5	16.15	0.95	1	1	53.364167
Lane_str_inv	BOBJ1	16.15	After	Interior Girder 6	16.15	0.95	1	1	57.071305
Lane_str_inv	BOBJ1	16.15	After	Right Exterior Girder	16.15	0.95	1	1	78.192394
Lane_str_inv	BOBJ1	22.1267	Before	Left Exterior Girder	22.1267	0.95	1	1	77.266419
Lane_str_inv	BOBJ1	22.1267	Before	Interior Girder 1	22.1267	0.95	1	1	56.1238
Lane_str_inv	BOBJ1	22.1267	Before	Interior Girder 2	22.1267	0.95	1	1	52.483166
Lane_str_inv	BOBJ1	22.1267	Before	Interior Girder 3	22.1267	0.95	1	1	53.129943
Lane_str_inv	BOBJ1	22.1267	Before	Interior Girder 4	22.1267	0.95	1	1	53.129943

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Approach, Span 16-19									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Lane_str_inv	BOBJ1	22.1267	Before	Interior Girder 5	22.1267	0.95	1	1	52.483166
Lane_str_inv	BOBJ1	22.1267	Before	Interior Girder 6	22.1267	0.95	1	1	56.1238
Lane_str_inv	BOBJ1	22.1267	Before	Right Exterior Girder	22.1267	0.95	1	1	77.266419
Lane_str_inv	BOBJ1	22.1267	After	Left Exterior Girder	22.1267	0.95	1	1	64.30063
Lane_str_inv	BOBJ1	22.1267	After	Interior Girder 1	22.1267	0.95	1	1	40.928157
Lane_str_inv	BOBJ1	22.1267	After	Interior Girder 2	22.1267	0.95	1	1	39.896715
Lane_str_inv	BOBJ1	22.1267	After	Interior Girder 3	22.1267	0.95	1	1	39.354304
Lane_str_inv	BOBJ1	22.1267	After	Interior Girder 4	22.1267	0.95	1	1	39.354304
Lane_str_inv	BOBJ1	22.1267	After	Interior Girder 5	22.1267	0.95	1	1	39.896715
Lane_str_inv	BOBJ1	22.1267	After	Interior Girder 6	22.1267	0.95	1	1	40.928157
Lane_str_inv	BOBJ1	22.1267	After	Right Exterior Girder	22.1267	0.95	1	1	64.30063
Lane_str_inv	BOBJ1	28.1033	Before	Left Exterior Girder	28.1033	0.95	1	1	63.511088
Lane_str_inv	BOBJ1	28.1033	Before	Interior Girder 1	28.1033	0.95	1	1	40.233635
Lane_str_inv	BOBJ1	28.1033	Before	Interior Girder 2	28.1033	0.95	1	1	39.222604
Lane_str_inv	BOBJ1	28.1033	Before	Interior Girder 3	28.1033	0.95	1	1	38.688979
Lane_str_inv	BOBJ1	28.1033	Before	Interior Girder 4	28.1033	0.95	1	1	38.688979
Lane_str_inv	BOBJ1	28.1033	Before	Interior Girder 5	28.1033	0.95	1	1	39.222604
Lane_str_inv	BOBJ1	28.1033	Before	Interior Girder 6	28.1033	0.95	1	1	40.233635
Lane_str_inv	BOBJ1	28.1033	Before	Right Exterior Girder	28.1033	0.95	1	1	63.511088
Lane_str_inv	BOBJ1	28.1033	After	Left Exterior Girder	28.1033	0.95	1	1	52.153425
Lane_str_inv	BOBJ1	28.1033	After	Interior Girder 1	28.1033	0.95	1	1	29.425124
Lane_str_inv	BOBJ1	28.1033	After	Interior Girder 2	28.1033	0.95	1	1	29.82082
Lane_str_inv	BOBJ1	28.1033	After	Interior Girder 3	28.1033	0.95	1	1	27.837973
Lane_str_inv	BOBJ1	28.1033	After	Interior Girder 4	28.1033	0.95	1	1	27.837973
Lane_str_inv	BOBJ1	28.1033	After	Interior Girder 5	28.1033	0.95	1	1	29.82082
Lane_str_inv	BOBJ1	28.1033	After	Interior Girder 6	28.1033	0.95	1	1	29.425124
Lane_str_inv	BOBJ1	28.1033	After	Right Exterior Girder	28.1033	0.95	1	1	52.153425
Lane_str_inv	BOBJ1	34.08	Before	Left Exterior Girder	34.08	0.95	1	1	51.488152
Lane_str_inv	BOBJ1	34.08	Before	Interior Girder 1	34.08	0.95	1	1	28.914788
Lane_str_inv	BOBJ1	34.08	Before	Interior Girder 2	34.08	0.95	1	1	29.305062
Lane_str_inv	BOBJ1	34.08	Before	Interior Girder 3	34.08	0.95	1	1	27.355807
Lane_str_inv	BOBJ1	34.08	Before	Interior Girder 4	34.08	0.95	1	1	27.355807
Lane_str_inv	BOBJ1	34.08	Before	Interior Girder 5	34.08	0.95	1	1	29.305062
Lane_str_inv	BOBJ1	34.08	Before	Interior Girder 6	34.08	0.95	1	1	28.914788
Lane_str_inv	BOBJ1	34.08	Before	Right Exterior Girder	34.08	0.95	1	1	51.488152
Lane_str_inv	BOBJ1	34.08	After	Left Exterior Girder	34.08	0.95	1	1	31.034949
Lane_str_inv	BOBJ1	34.08	After	Interior Girder 1	34.08	0.95	1	1	25.879615
Lane_str_inv	BOBJ1	34.08	After	Interior Girder 2	34.08	0.95	1	1	24.370976
Lane_str_inv	BOBJ1	34.08	After	Interior Girder 3	34.08	0.95	1	1	20.584063
Lane_str_inv	BOBJ1	34.08	After	Interior Girder 4	34.08	0.95	1	1	20.584063
Lane_str_inv	BOBJ1	34.08	After	Interior Girder 5	34.08	0.95	1	1	24.370976
Lane_str_inv	BOBJ1	34.08	After	Interior Girder 6	34.08	0.95	1	1	25.879615
Lane_str_inv	BOBJ1	34.08	After	Right Exterior Girder	34.08	0.95	1	1	31.034949
Lane_str_inv	BOBJ1	39.855	Before	Left Exterior Girder	39.855	0.95	1	1	30.63531
Lane_str_inv	BOBJ1	39.855	Before	Interior Girder 1	39.855	0.95	1	1	25.435947
Lane_str_inv	BOBJ1	39.855	Before	Interior Girder 2	39.855	0.95	1	1	23.958021
Lane_str_inv	BOBJ1	39.855	Before	Interior Girder 3	39.855	0.95	1	1	20.226948
Lane_str_inv	BOBJ1	39.855	Before	Interior Girder 4	39.855	0.95	1	1	20.226948
Lane_str_inv	BOBJ1	39.855	Before	Interior Girder 5	39.855	0.95	1	1	23.958021
Lane_str_inv	BOBJ1	39.855	Before	Interior Girder 6	39.855	0.95	1	1	25.435947
Lane_str_inv	BOBJ1	39.855	Before	Right Exterior Girder	39.855	0.95	1	1	30.63531
Lane_str_inv	BOBJ1	39.855	After	Left Exterior Girder	39.855	0.95	1	1	17.903373
Lane_str_inv	BOBJ1	39.855	After	Interior Girder 1	39.855	0.95	1	1	28.772609
Lane_str_inv	BOBJ1	39.855	After	Interior Girder 2	39.855	0.95	1	1	19.789729
Lane_str_inv	BOBJ1	39.855	After	Interior Girder 3	39.855	0.95	1	1	16.234691
Lane_str_inv	BOBJ1	39.855	After	Interior Girder 4	39.855	0.95	1	1	16.234691
Lane_str_inv	BOBJ1	39.855	After	Interior Girder 5	39.855	0.95	1	1	19.789729
Lane_str_inv	BOBJ1	39.855	After	Interior Girder 6	39.855	0.95	1	1	28.772609
Lane_str_inv	BOBJ1	39.855	After	Right Exterior Girder	39.855	0.95	1	1	17.903373
Lane_str_inv	BOBJ1	40.0288	Before	Left Exterior Girder	40.0288	0.95	1	1	17.895683
Lane_str_inv	BOBJ1	40.0288	Before	Right Exterior Girder	40.0288	0.95	1	1	17.895683
Lane_str_inv	BOBJ1	40.0288	After	Left Exterior Girder	40.0288	0.95	1	1	26.47022
Lane_str_inv	BOBJ1	40.0288	After	Right Exterior Girder	40.0288	0.95	1	1	26.47022
Lane_str_inv	BOBJ1	45.63	Before	Left Exterior Girder	45.63	0.95	1	1	26.105702
Lane_str_inv	BOBJ1	45.63	Before	Interior Girder 1	45.63	0.95	1	1	19.386888

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Approach, Span 16-19									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Lane_str_inv	BOBJ1	45.63	Before	Interior Girder 2	45.63	0.95	1	1	19.447178
Lane_str_inv	BOBJ1	45.63	Before	Interior Girder 3	45.63	0.95	1	1	15.945425
Lane_str_inv	BOBJ1	45.63	Before	Interior Girder 4	45.63	0.95	1	1	15.945425
Lane_str_inv	BOBJ1	45.63	Before	Interior Girder 5	45.63	0.95	1	1	19.447178
Lane_str_inv	BOBJ1	45.63	Before	Interior Girder 6	45.63	0.95	1	1	19.386888
Lane_str_inv	BOBJ1	45.63	Before	Right Exterior Girder	45.63	0.95	1	1	26.105702
Lane_str_inv	BOBJ1	45.63	After	Left Exterior Girder	0	0.95	1	1	19.690048
Lane_str_inv	BOBJ1	45.63	After	Interior Girder 1	0	0.95	1	1	16.738051
Lane_str_inv	BOBJ1	45.63	After	Interior Girder 2	0	0.95	1	1	16.751228
Lane_str_inv	BOBJ1	45.63	After	Interior Girder 3	0	0.95	1	1	14.152369
Lane_str_inv	BOBJ1	45.63	After	Interior Girder 4	0	0.95	1	1	14.152369
Lane_str_inv	BOBJ1	45.63	After	Interior Girder 5	0	0.95	1	1	16.751228
Lane_str_inv	BOBJ1	45.63	After	Interior Girder 6	0	0.95	1	1	16.738051
Lane_str_inv	BOBJ1	45.63	After	Right Exterior Girder	0	0.95	1	1	19.690048
Lane_str_inv	BOBJ1	50.6298	Before	Left Exterior Girder	4.9998	0.95	1	1	19.940732
Lane_str_inv	BOBJ1	50.6298	Before	Right Exterior Girder	4.9998	0.95	1	1	19.940732
Lane_str_inv	BOBJ1	50.6298	After	Left Exterior Girder	4.9998	0.95	1	1	14.321006
Lane_str_inv	BOBJ1	50.6298	After	Right Exterior Girder	4.9998	0.95	1	1	14.321006
Lane_str_inv	BOBJ1	51.4	Before	Left Exterior Girder	5.77	0.95	1	1	14.348682
Lane_str_inv	BOBJ1	51.4	Before	Interior Girder 1	5.77	0.95	1	1	24.019081
Lane_str_inv	BOBJ1	51.4	Before	Interior Girder 2	5.77	0.95	1	1	17.051078
Lane_str_inv	BOBJ1	51.4	Before	Interior Girder 3	5.77	0.95	1	1	14.413247
Lane_str_inv	BOBJ1	51.4	Before	Interior Girder 4	5.77	0.95	1	1	14.413247
Lane_str_inv	BOBJ1	51.4	Before	Interior Girder 5	5.77	0.95	1	1	17.051078
Lane_str_inv	BOBJ1	51.4	Before	Interior Girder 6	5.77	0.95	1	1	24.019081
Lane_str_inv	BOBJ1	51.4	Before	Right Exterior Girder	5.77	0.95	1	1	14.348682
Lane_str_inv	BOBJ1	51.4	After	Left Exterior Girder	5.77	0.95	1	1	22.103721
Lane_str_inv	BOBJ1	51.4	After	Interior Girder 1	5.77	0.95	1	1	21.271518
Lane_str_inv	BOBJ1	51.4	After	Interior Girder 2	5.77	0.95	1	1	20.159313
Lane_str_inv	BOBJ1	51.4	After	Interior Girder 3	5.77	0.95	1	1	17.561595
Lane_str_inv	BOBJ1	51.4	After	Interior Girder 4	5.77	0.95	1	1	17.561595
Lane_str_inv	BOBJ1	51.4	After	Interior Girder 5	5.77	0.95	1	1	20.159313
Lane_str_inv	BOBJ1	51.4	After	Interior Girder 6	5.77	0.95	1	1	21.271518
Lane_str_inv	BOBJ1	51.4	After	Right Exterior Girder	5.77	0.95	1	1	22.103721
Lane_str_inv	BOBJ1	57.17	Before	Left Exterior Girder	11.54	0.95	1	1	22.397558
Lane_str_inv	BOBJ1	57.17	Before	Interior Girder 1	11.54	0.95	1	1	21.648459
Lane_str_inv	BOBJ1	57.17	Before	Interior Girder 2	11.54	0.95	1	1	20.512265
Lane_str_inv	BOBJ1	57.17	Before	Interior Girder 3	11.54	0.95	1	1	17.8765
Lane_str_inv	BOBJ1	57.17	Before	Interior Girder 4	11.54	0.95	1	1	17.8765
Lane_str_inv	BOBJ1	57.17	Before	Interior Girder 5	11.54	0.95	1	1	20.512265
Lane_str_inv	BOBJ1	57.17	Before	Interior Girder 6	11.54	0.95	1	1	21.648459
Lane_str_inv	BOBJ1	57.17	Before	Right Exterior Girder	11.54	0.95	1	1	22.397558
Lane_str_inv	BOBJ1	57.17	After	Left Exterior Girder	11.54	0.95	1	1	34.588507
Lane_str_inv	BOBJ1	57.17	After	Interior Girder 1	11.54	0.95	1	1	23.625881
Lane_str_inv	BOBJ1	57.17	After	Interior Girder 2	11.54	0.95	1	1	23.620771
Lane_str_inv	BOBJ1	57.17	After	Interior Girder 3	11.54	0.95	1	1	23.054091
Lane_str_inv	BOBJ1	57.17	After	Interior Girder 4	11.54	0.95	1	1	23.054091
Lane_str_inv	BOBJ1	57.17	After	Interior Girder 5	11.54	0.95	1	1	23.620771
Lane_str_inv	BOBJ1	57.17	After	Interior Girder 6	11.54	0.95	1	1	23.625881
Lane_str_inv	BOBJ1	57.17	After	Right Exterior Girder	11.54	0.95	1	1	34.588507
Lane_str_inv	BOBJ1	63.34	Before	Left Exterior Girder	17.71	0.95	1	1	35.058351
Lane_str_inv	BOBJ1	63.34	Before	Interior Girder 1	17.71	0.95	1	1	24.064117
Lane_str_inv	BOBJ1	63.34	Before	Interior Girder 2	17.71	0.95	1	1	24.056757
Lane_str_inv	BOBJ1	63.34	Before	Interior Girder 3	17.71	0.95	1	1	23.479813
Lane_str_inv	BOBJ1	63.34	Before	Interior Girder 4	17.71	0.95	1	1	23.479813
Lane_str_inv	BOBJ1	63.34	Before	Interior Girder 5	17.71	0.95	1	1	24.056757
Lane_str_inv	BOBJ1	63.34	Before	Interior Girder 6	17.71	0.95	1	1	24.064117
Lane_str_inv	BOBJ1	63.34	Before	Right Exterior Girder	17.71	0.95	1	1	35.058351
Lane_str_inv	BOBJ1	63.34	After	Left Exterior Girder	17.71	0.95	1	1	40.331115
Lane_str_inv	BOBJ1	63.34	After	Interior Girder 1	17.71	0.95	1	1	31.740552
Lane_str_inv	BOBJ1	63.34	After	Interior Girder 2	17.71	0.95	1	1	30.312183
Lane_str_inv	BOBJ1	63.34	After	Interior Girder 3	17.71	0.95	1	1	30.279281
Lane_str_inv	BOBJ1	63.34	After	Interior Girder 4	17.71	0.95	1	1	30.279281
Lane_str_inv	BOBJ1	63.34	After	Interior Girder 5	17.71	0.95	1	1	30.312183
Lane_str_inv	BOBJ1	63.34	After	Interior Girder 6	17.71	0.95	1	1	31.740552

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Approach, Span 16-19									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Lane_str_inv	BOBJ1	63.34	After	Right Exterior Girder	17.71	0.95	1	1	40.331115
Lane_str_inv	BOBJ1	69.51	Before	Left Exterior Girder	23.88	0.95	1	1	40.857222
Lane_str_inv	BOBJ1	69.51	Before	Interior Girder 1	23.88	0.95	1	1	32.315773
Lane_str_inv	BOBJ1	69.51	Before	Interior Girder 2	23.88	0.95	1	1	30.857887
Lane_str_inv	BOBJ1	69.51	Before	Interior Girder 3	23.88	0.95	1	1	30.824168
Lane_str_inv	BOBJ1	69.51	Before	Interior Girder 4	23.88	0.95	1	1	30.824168
Lane_str_inv	BOBJ1	69.51	Before	Interior Girder 5	23.88	0.95	1	1	30.857887
Lane_str_inv	BOBJ1	69.51	Before	Interior Girder 6	23.88	0.95	1	1	32.315773
Lane_str_inv	BOBJ1	69.51	Before	Right Exterior Girder	23.88	0.95	1	1	40.857222
Lane_str_inv	BOBJ1	69.51	After	Left Exterior Girder	23.88	0.95	1	1	47.914513
Lane_str_inv	BOBJ1	69.51	After	Interior Girder 1	23.88	0.95	1	1	42.512927
Lane_str_inv	BOBJ1	69.51	After	Interior Girder 2	23.88	0.95	1	1	38.769175
Lane_str_inv	BOBJ1	69.51	After	Interior Girder 3	23.88	0.95	1	1	39.497206
Lane_str_inv	BOBJ1	69.51	After	Interior Girder 4	23.88	0.95	1	1	39.497206
Lane_str_inv	BOBJ1	69.51	After	Interior Girder 5	23.88	0.95	1	1	38.769175
Lane_str_inv	BOBJ1	69.51	After	Interior Girder 6	23.88	0.95	1	1	42.512927
Lane_str_inv	BOBJ1	69.51	After	Right Exterior Girder	23.88	0.95	1	1	47.914513
Lane_str_inv	BOBJ1	75.68	Before	Left Exterior Girder	30.05	0.95	1	1	48.5161
Lane_str_inv	BOBJ1	75.68	Before	Interior Girder 1	30.05	0.95	1	1	43.26552
Lane_str_inv	BOBJ1	75.68	Before	Interior Girder 2	30.05	0.95	1	1	39.449999
Lane_str_inv	BOBJ1	75.68	Before	Interior Girder 3	30.05	0.95	1	1	40.190663
Lane_str_inv	BOBJ1	75.68	Before	Interior Girder 4	30.05	0.95	1	1	40.190663
Lane_str_inv	BOBJ1	75.68	Before	Interior Girder 5	30.05	0.95	1	1	39.449999
Lane_str_inv	BOBJ1	75.68	Before	Interior Girder 6	30.05	0.95	1	1	43.26552
Lane_str_inv	BOBJ1	75.68	Before	Right Exterior Girder	30.05	0.95	1	1	48.5161
Lane_str_inv	BOBJ1	75.68	After	Left Exterior Girder	30.05	0.95	1	1	81.330053
Lane_str_inv	BOBJ1	75.68	After	Interior Girder 1	30.05	0.95	1	1	45.864369
Lane_str_inv	BOBJ1	75.68	After	Interior Girder 2	30.05	0.95	1	1	46.591898
Lane_str_inv	BOBJ1	75.68	After	Interior Girder 3	30.05	0.95	1	1	43.963337
Lane_str_inv	BOBJ1	75.68	After	Interior Girder 4	30.05	0.95	1	1	43.963337
Lane_str_inv	BOBJ1	75.68	After	Interior Girder 5	30.05	0.95	1	1	46.591898
Lane_str_inv	BOBJ1	75.68	After	Interior Girder 6	30.05	0.95	1	1	45.864369
Lane_str_inv	BOBJ1	75.68	After	Right Exterior Girder	30.05	0.95	1	1	81.330053
Lane_str_inv	BOBJ1	81.8467	Before	Left Exterior Girder	36.2167	0.95	1	1	80.361295
Lane_str_inv	BOBJ1	81.8467	Before	Interior Girder 1	36.2167	0.95	1	1	46.646084
Lane_str_inv	BOBJ1	81.8467	Before	Interior Girder 2	36.2167	0.95	1	1	47.38944
Lane_str_inv	BOBJ1	81.8467	Before	Interior Girder 3	36.2167	0.95	1	1	44.716093
Lane_str_inv	BOBJ1	81.8467	Before	Interior Girder 4	36.2167	0.95	1	1	44.716093
Lane_str_inv	BOBJ1	81.8467	Before	Interior Girder 5	36.2167	0.95	1	1	47.38944
Lane_str_inv	BOBJ1	81.8467	Before	Interior Girder 6	36.2167	0.95	1	1	46.646084
Lane_str_inv	BOBJ1	81.8467	Before	Right Exterior Girder	36.2167	0.95	1	1	80.361295
Lane_str_inv	BOBJ1	81.8467	After	Left Exterior Girder	36.2167	0.95	1	1	66.154175
Lane_str_inv	BOBJ1	81.8467	After	Interior Girder 1	36.2167	0.95	1	1	43.210834
Lane_str_inv	BOBJ1	81.8467	After	Interior Girder 2	36.2167	0.95	1	1	41.546841
Lane_str_inv	BOBJ1	81.8467	After	Interior Girder 3	36.2167	0.95	1	1	41.750813
Lane_str_inv	BOBJ1	81.8467	After	Interior Girder 4	36.2167	0.95	1	1	41.750813
Lane_str_inv	BOBJ1	81.8467	After	Interior Girder 5	36.2167	0.95	1	1	41.546841
Lane_str_inv	BOBJ1	81.8467	After	Interior Girder 6	36.2167	0.95	1	1	43.210834
Lane_str_inv	BOBJ1	81.8467	After	Right Exterior Girder	36.2167	0.95	1	1	66.154175
Lane_str_inv	BOBJ1	88.0133	Before	Left Exterior Girder	42.3833	0.95	1	1	65.337221
Lane_str_inv	BOBJ1	88.0133	Before	Interior Girder 1	42.3833	0.95	1	1	42.466592
Lane_str_inv	BOBJ1	88.0133	Before	Interior Girder 2	42.3833	0.95	1	1	40.833242
Lane_str_inv	BOBJ1	88.0133	Before	Interior Girder 3	42.3833	0.95	1	1	41.034257
Lane_str_inv	BOBJ1	88.0133	Before	Interior Girder 4	42.3833	0.95	1	1	41.034257
Lane_str_inv	BOBJ1	88.0133	Before	Interior Girder 5	42.3833	0.95	1	1	40.833242
Lane_str_inv	BOBJ1	88.0133	Before	Interior Girder 6	42.3833	0.95	1	1	42.466592
Lane_str_inv	BOBJ1	88.0133	Before	Right Exterior Girder	42.3833	0.95	1	1	65.337221
Lane_str_inv	BOBJ1	88.0133	After	Left Exterior Girder	42.3833	0.95	1	1	55.119896
Lane_str_inv	BOBJ1	88.0133	After	Interior Girder 1	42.3833	0.95	1	1	31.029132
Lane_str_inv	BOBJ1	88.0133	After	Interior Girder 2	42.3833	0.95	1	1	31.236312
Lane_str_inv	BOBJ1	88.0133	After	Interior Girder 3	42.3833	0.95	1	1	30.102314
Lane_str_inv	BOBJ1	88.0133	After	Interior Girder 4	42.3833	0.95	1	1	30.102314
Lane_str_inv	BOBJ1	88.0133	After	Interior Girder 5	42.3833	0.95	1	1	31.236312
Lane_str_inv	BOBJ1	88.0133	After	Interior Girder 6	42.3833	0.95	1	1	31.029132
Lane_str_inv	BOBJ1	88.0133	After	Right Exterior Girder	42.3833	0.95	1	1	55.119896

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Approach, Span 16-19									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Lane_str_inv	BOBJ1	94.18	Before	Left Exterior Girder	48.55	0.95	1	1	54.412983
Lane_str_inv	BOBJ1	94.18	Before	Interior Girder 1	48.55	0.95	1	1	30.482506
Lane_str_inv	BOBJ1	94.18	Before	Interior Girder 2	48.55	0.95	1	1	30.68666
Lane_str_inv	BOBJ1	94.18	Before	Interior Girder 3	48.55	0.95	1	1	29.573012
Lane_str_inv	BOBJ1	94.18	Before	Interior Girder 4	48.55	0.95	1	1	29.573012
Lane_str_inv	BOBJ1	94.18	Before	Interior Girder 5	48.55	0.95	1	1	30.68666
Lane_str_inv	BOBJ1	94.18	Before	Interior Girder 6	48.55	0.95	1	1	30.482506
Lane_str_inv	BOBJ1	94.18	Before	Right Exterior Girder	48.55	0.95	1	1	54.412983
Lane_str_inv	BOBJ1	94.18	After	Left Exterior Girder	48.55	0.95	1	1	28.614781
Lane_str_inv	BOBJ1	94.18	After	Interior Girder 1	48.55	0.95	1	1	27.922044
Lane_str_inv	BOBJ1	94.18	After	Interior Girder 2	48.55	0.95	1	1	25.354002
Lane_str_inv	BOBJ1	94.18	After	Interior Girder 3	48.55	0.95	1	1	23.59808
Lane_str_inv	BOBJ1	94.18	After	Interior Girder 4	48.55	0.95	1	1	23.59808
Lane_str_inv	BOBJ1	94.18	After	Interior Girder 5	48.55	0.95	1	1	25.354002
Lane_str_inv	BOBJ1	94.18	After	Interior Girder 6	48.55	0.95	1	1	27.922044
Lane_str_inv	BOBJ1	94.18	After	Right Exterior Girder	48.55	0.95	1	1	28.614781
Lane_str_inv	BOBJ1	100.3567	Before	Left Exterior Girder	54.7267	0.95	1	1	28.23346
Lane_str_inv	BOBJ1	100.3567	Before	Interior Girder 1	54.7267	0.95	1	1	27.414608
Lane_str_inv	BOBJ1	100.3567	Before	Interior Girder 2	54.7267	0.95	1	1	24.898035
Lane_str_inv	BOBJ1	100.3567	Before	Interior Girder 3	54.7267	0.95	1	1	23.169121
Lane_str_inv	BOBJ1	100.3567	Before	Interior Girder 4	54.7267	0.95	1	1	23.169121
Lane_str_inv	BOBJ1	100.3567	Before	Interior Girder 5	54.7267	0.95	1	1	24.898035
Lane_str_inv	BOBJ1	100.3567	Before	Interior Girder 6	54.7267	0.95	1	1	27.414608
Lane_str_inv	BOBJ1	100.3567	Before	Right Exterior Girder	54.7267	0.95	1	1	28.23346
Lane_str_inv	BOBJ1	100.3567	After	Left Exterior Girder	54.7267	0.95	1	1	25.02514
Lane_str_inv	BOBJ1	100.3567	After	Interior Girder 1	54.7267	0.95	1	1	21.558292
Lane_str_inv	BOBJ1	100.3567	After	Interior Girder 2	54.7267	0.95	1	1	20.610461
Lane_str_inv	BOBJ1	100.3567	After	Interior Girder 3	54.7267	0.95	1	1	18.738544
Lane_str_inv	BOBJ1	100.3567	After	Interior Girder 4	54.7267	0.95	1	1	18.738544
Lane_str_inv	BOBJ1	100.3567	After	Interior Girder 5	54.7267	0.95	1	1	20.610461
Lane_str_inv	BOBJ1	100.3567	After	Interior Girder 6	54.7267	0.95	1	1	21.558292
Lane_str_inv	BOBJ1	100.3567	After	Right Exterior Girder	54.7267	0.95	1	1	25.02514
Lane_str_inv	BOBJ1	106.5333	Before	Left Exterior Girder	60.9033	0.95	1	1	24.677498
Lane_str_inv	BOBJ1	106.5333	Before	Interior Girder 1	60.9033	0.95	1	1	21.157357
Lane_str_inv	BOBJ1	106.5333	Before	Interior Girder 2	60.9033	0.95	1	1	20.23064
Lane_str_inv	BOBJ1	106.5333	Before	Interior Girder 3	60.9033	0.95	1	1	18.388714
Lane_str_inv	BOBJ1	106.5333	Before	Interior Girder 4	60.9033	0.95	1	1	18.388714
Lane_str_inv	BOBJ1	106.5333	Before	Interior Girder 5	60.9033	0.95	1	1	20.23064
Lane_str_inv	BOBJ1	106.5333	Before	Interior Girder 6	60.9033	0.95	1	1	21.157357
Lane_str_inv	BOBJ1	106.5333	Before	Right Exterior Girder	60.9033	0.95	1	1	24.677498
Lane_str_inv	BOBJ1	106.5333	After	Left Exterior Girder	60.9033	0.95	1	1	19.17723
Lane_str_inv	BOBJ1	106.5333	After	Interior Girder 1	60.9033	0.95	1	1	18.645856
Lane_str_inv	BOBJ1	106.5333	After	Interior Girder 2	60.9033	0.95	1	1	16.723151
Lane_str_inv	BOBJ1	106.5333	After	Interior Girder 3	60.9033	0.95	1	1	14.698671
Lane_str_inv	BOBJ1	106.5333	After	Interior Girder 4	60.9033	0.95	1	1	14.698671
Lane_str_inv	BOBJ1	106.5333	After	Interior Girder 5	60.9033	0.95	1	1	16.723151
Lane_str_inv	BOBJ1	106.5333	After	Interior Girder 6	60.9033	0.95	1	1	18.645856
Lane_str_inv	BOBJ1	106.5333	After	Right Exterior Girder	60.9033	0.95	1	1	19.17723
Lane_str_inv	BOBJ1	108.2102	Before	Left Exterior Girder	62.5802	0.95	1	1	19.100435
Lane_str_inv	BOBJ1	108.2102	Before	Right Exterior Girder	62.5802	0.95	1	1	19.100435
Lane_str_inv	BOBJ1	108.2102	After	Left Exterior Girder	62.5802	0.95	1	1	22.057472
Lane_str_inv	BOBJ1	108.2102	After	Right Exterior Girder	62.5802	0.95	1	1	22.057472
Lane_str_inv	BOBJ1	112.71	Before	Left Exterior Girder	67.08	0.95	1	1	21.808807
Lane_str_inv	BOBJ1	112.71	Before	Interior Girder 1	67.08	0.95	1	1	16.07623
Lane_str_inv	BOBJ1	112.71	Before	Interior Girder 2	67.08	0.95	1	1	16.40761
Lane_str_inv	BOBJ1	112.71	Before	Interior Girder 3	67.08	0.95	1	1	14.416311
Lane_str_inv	BOBJ1	112.71	Before	Interior Girder 4	67.08	0.95	1	1	14.416311
Lane_str_inv	BOBJ1	112.71	Before	Interior Girder 5	67.08	0.95	1	1	16.40761
Lane_str_inv	BOBJ1	112.71	Before	Interior Girder 6	67.08	0.95	1	1	16.07623
Lane_str_inv	BOBJ1	112.71	Before	Right Exterior Girder	67.08	0.95	1	1	21.808807
Lane_str_inv	BOBJ1	112.71	After	Left Exterior Girder	0	0.95	1	1	25.76939
Lane_str_inv	BOBJ1	112.71	After	Interior Girder 1	0	0.95	1	1	17.581457
Lane_str_inv	BOBJ1	112.71	After	Interior Girder 2	0	0.95	1	1	17.918122
Lane_str_inv	BOBJ1	112.71	After	Interior Girder 3	0	0.95	1	1	15.563654
Lane_str_inv	BOBJ1	112.71	After	Interior Girder 4	0	0.95	1	1	15.563654

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Approach, Span 16-19									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Lane_str_inv	BOBJ1	112.71	After	Interior Girder 5	0	0.95	1	1	17.918122
Lane_str_inv	BOBJ1	112.71	After	Interior Girder 6	0	0.95	1	1	17.581457
Lane_str_inv	BOBJ1	112.71	After	Right Exterior Girder	0	0.95	1	1	25.76939
Lane_str_inv	BOBJ1	117.21	Before	Left Exterior Girder	4.5	0.95	1	1	26.054752
Lane_str_inv	BOBJ1	117.21	Before	Right Exterior Girder	4.5	0.95	1	1	26.054752
Lane_str_inv	BOBJ1	117.21	After	Left Exterior Girder	4.5	0.95	1	1	23.441769
Lane_str_inv	BOBJ1	117.21	After	Right Exterior Girder	4.5	0.95	1	1	23.441769
Lane_str_inv	BOBJ1	119.1	Before	Left Exterior Girder	6.39	0.95	1	1	23.544049
Lane_str_inv	BOBJ1	119.1	Before	Interior Girder 1	6.39	0.95	1	1	19.781845
Lane_str_inv	BOBJ1	119.1	Before	Interior Girder 2	6.39	0.95	1	1	18.266582
Lane_str_inv	BOBJ1	119.1	Before	Interior Girder 3	6.39	0.95	1	1	15.872137
Lane_str_inv	BOBJ1	119.1	Before	Interior Girder 4	6.39	0.95	1	1	15.872137
Lane_str_inv	BOBJ1	119.1	Before	Interior Girder 5	6.39	0.95	1	1	18.266582
Lane_str_inv	BOBJ1	119.1	Before	Interior Girder 6	6.39	0.95	1	1	19.781845
Lane_str_inv	BOBJ1	119.1	Before	Right Exterior Girder	6.39	0.95	1	1	23.544049
Lane_str_inv	BOBJ1	119.1	After	Left Exterior Girder	6.39	0.95	1	1	30.00077
Lane_str_inv	BOBJ1	119.1	After	Interior Girder 1	6.39	0.95	1	1	23.716663
Lane_str_inv	BOBJ1	119.1	After	Interior Girder 2	6.39	0.95	1	1	22.536634
Lane_str_inv	BOBJ1	119.1	After	Interior Girder 3	6.39	0.95	1	1	20.268162
Lane_str_inv	BOBJ1	119.1	After	Interior Girder 4	6.39	0.95	1	1	20.268162
Lane_str_inv	BOBJ1	119.1	After	Interior Girder 5	6.39	0.95	1	1	22.536634
Lane_str_inv	BOBJ1	119.1	After	Interior Girder 6	6.39	0.95	1	1	23.716663
Lane_str_inv	BOBJ1	119.1	After	Right Exterior Girder	6.39	0.95	1	1	30.00077
Lane_str_inv	BOBJ1	125.49	Before	Left Exterior Girder	12.78	0.95	1	1	30.425128
Lane_str_inv	BOBJ1	125.49	Before	Interior Girder 1	12.78	0.95	1	1	24.169982
Lane_str_inv	BOBJ1	125.49	Before	Interior Girder 2	12.78	0.95	1	1	22.964381
Lane_str_inv	BOBJ1	125.49	Before	Interior Girder 3	12.78	0.95	1	1	20.658267
Lane_str_inv	BOBJ1	125.49	Before	Interior Girder 4	12.78	0.95	1	1	20.658267
Lane_str_inv	BOBJ1	125.49	Before	Interior Girder 5	12.78	0.95	1	1	22.964381
Lane_str_inv	BOBJ1	125.49	Before	Interior Girder 6	12.78	0.95	1	1	24.169982
Lane_str_inv	BOBJ1	125.49	Before	Right Exterior Girder	12.78	0.95	1	1	30.425128
Lane_str_inv	BOBJ1	125.49	After	Left Exterior Girder	12.78	0.95	1	1	34.926582
Lane_str_inv	BOBJ1	125.49	After	Interior Girder 1	12.78	0.95	1	1	31.471247
Lane_str_inv	BOBJ1	125.49	After	Interior Girder 2	12.78	0.95	1	1	28.308486
Lane_str_inv	BOBJ1	125.49	After	Interior Girder 3	12.78	0.95	1	1	26.068977
Lane_str_inv	BOBJ1	125.49	After	Interior Girder 4	12.78	0.95	1	1	26.068977
Lane_str_inv	BOBJ1	125.49	After	Interior Girder 5	12.78	0.95	1	1	28.308486
Lane_str_inv	BOBJ1	125.49	After	Interior Girder 6	12.78	0.95	1	1	31.471247
Lane_str_inv	BOBJ1	125.49	After	Right Exterior Girder	12.78	0.95	1	1	34.926582
Lane_str_inv	BOBJ1	131.88	Before	Left Exterior Girder	19.17	0.95	1	1	35.400087
Lane_str_inv	BOBJ1	131.88	Before	Interior Girder 1	19.17	0.95	1	1	32.058653
Lane_str_inv	BOBJ1	131.88	Before	Interior Girder 2	19.17	0.95	1	1	28.832471
Lane_str_inv	BOBJ1	131.88	Before	Interior Girder 3	19.17	0.95	1	1	26.557191
Lane_str_inv	BOBJ1	131.88	Before	Interior Girder 4	19.17	0.95	1	1	26.557191
Lane_str_inv	BOBJ1	131.88	Before	Interior Girder 5	19.17	0.95	1	1	28.832471
Lane_str_inv	BOBJ1	131.88	Before	Interior Girder 6	19.17	0.95	1	1	32.058653
Lane_str_inv	BOBJ1	131.88	Before	Right Exterior Girder	19.17	0.95	1	1	35.400087
Lane_str_inv	BOBJ1	131.88	After	Left Exterior Girder	19.17	0.95	1	1	69.647672
Lane_str_inv	BOBJ1	131.88	After	Interior Girder 1	19.17	0.95	1	1	34.811826
Lane_str_inv	BOBJ1	131.88	After	Interior Girder 2	19.17	0.95	1	1	35.845054
Lane_str_inv	BOBJ1	131.88	After	Interior Girder 3	19.17	0.95	1	1	33.961851
Lane_str_inv	BOBJ1	131.88	After	Interior Girder 4	19.17	0.95	1	1	33.961851
Lane_str_inv	BOBJ1	131.88	After	Interior Girder 5	19.17	0.95	1	1	35.845054
Lane_str_inv	BOBJ1	131.88	After	Interior Girder 6	19.17	0.95	1	1	34.811826
Lane_str_inv	BOBJ1	131.88	After	Right Exterior Girder	19.17	0.95	1	1	69.647672
Lane_str_inv	BOBJ1	138.27	Before	Left Exterior Girder	25.56	0.95	1	1	70.555438
Lane_str_inv	BOBJ1	138.27	Before	Interior Girder 1	25.56	0.95	1	1	35.442266
Lane_str_inv	BOBJ1	138.27	Before	Interior Girder 2	25.56	0.95	1	1	36.495444
Lane_str_inv	BOBJ1	138.27	Before	Interior Girder 3	25.56	0.95	1	1	34.57823
Lane_str_inv	BOBJ1	138.27	Before	Interior Girder 4	25.56	0.95	1	1	34.57823
Lane_str_inv	BOBJ1	138.27	Before	Interior Girder 5	25.56	0.95	1	1	36.495444
Lane_str_inv	BOBJ1	138.27	Before	Interior Girder 6	25.56	0.95	1	1	35.442266
Lane_str_inv	BOBJ1	138.27	Before	Right Exterior Girder	25.56	0.95	1	1	70.555438
Lane_str_inv	BOBJ1	138.27	After	Left Exterior Girder	25.56	0.95	1	1	83.128736
Lane_str_inv	BOBJ1	138.27	After	Interior Girder 1	25.56	0.95	1	1	49.709457

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Approach, Span 16-19									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Lane_str_inv	BOBJ1	138.27	After	Interior Girder 2	25.56	0.95	1	1	49.378343
Lane_str_inv	BOBJ1	138.27	After	Interior Girder 3	25.56	0.95	1	1	49.468822
Lane_str_inv	BOBJ1	138.27	After	Interior Girder 4	25.56	0.95	1	1	49.468822
Lane_str_inv	BOBJ1	138.27	After	Interior Girder 5	25.56	0.95	1	1	49.378343
Lane_str_inv	BOBJ1	138.27	After	Interior Girder 6	25.56	0.95	1	1	49.709457
Lane_str_inv	BOBJ1	138.27	After	Right Exterior Girder	25.56	0.95	1	1	83.128736
Lane_str_inv	BOBJ1	144.66	Before	Left Exterior Girder	31.95	0.95	1	1	82.093212
Lane_str_inv	BOBJ1	144.66	Before	Interior Girder 1	31.95	0.95	1	1	49.091161
Lane_str_inv	BOBJ1	144.66	Before	Interior Girder 2	31.95	0.95	1	1	48.531256
Lane_str_inv	BOBJ1	144.66	Before	Interior Girder 3	31.95	0.95	1	1	48.607438
Lane_str_inv	BOBJ1	144.66	Before	Interior Girder 4	31.95	0.95	1	1	48.607438
Lane_str_inv	BOBJ1	144.66	Before	Interior Girder 5	31.95	0.95	1	1	48.531256
Lane_str_inv	BOBJ1	144.66	Before	Interior Girder 6	31.95	0.95	1	1	49.091161
Lane_str_inv	BOBJ1	144.66	Before	Right Exterior Girder	31.95	0.95	1	1	82.093212
Lane_str_inv	BOBJ1	144.66	After	Left Exterior Girder	31.95	0.95	1	1	67.054584
Lane_str_inv	BOBJ1	144.66	After	Interior Girder 1	31.95	0.95	1	1	34.919676
Lane_str_inv	BOBJ1	144.66	After	Interior Girder 2	31.95	0.95	1	1	35.82415
Lane_str_inv	BOBJ1	144.66	After	Interior Girder 3	31.95	0.95	1	1	33.833642
Lane_str_inv	BOBJ1	144.66	After	Interior Girder 4	31.95	0.95	1	1	33.833642
Lane_str_inv	BOBJ1	144.66	After	Interior Girder 5	31.95	0.95	1	1	35.82415
Lane_str_inv	BOBJ1	144.66	After	Interior Girder 6	31.95	0.95	1	1	34.919676
Lane_str_inv	BOBJ1	144.66	After	Right Exterior Girder	31.95	0.95	1	1	67.054584
Lane_str_inv	BOBJ1	151.05	Before	Left Exterior Girder	38.34	0.95	1	1	66.186658
Lane_str_inv	BOBJ1	151.05	Before	Interior Girder 1	38.34	0.95	1	1	34.297357
Lane_str_inv	BOBJ1	151.05	Before	Interior Girder 2	38.34	0.95	1	1	35.184926
Lane_str_inv	BOBJ1	151.05	Before	Interior Girder 3	38.34	0.95	1	1	33.229838
Lane_str_inv	BOBJ1	151.05	Before	Interior Girder 4	38.34	0.95	1	1	33.229838
Lane_str_inv	BOBJ1	151.05	Before	Interior Girder 5	38.34	0.95	1	1	35.184926
Lane_str_inv	BOBJ1	151.05	Before	Interior Girder 6	38.34	0.95	1	1	34.297357
Lane_str_inv	BOBJ1	151.05	Before	Right Exterior Girder	38.34	0.95	1	1	66.186658
Lane_str_inv	BOBJ1	151.05	After	Left Exterior Girder	38.34	0.95	1	1	34.059511
Lane_str_inv	BOBJ1	151.05	After	Interior Girder 1	38.34	0.95	1	1	31.389599
Lane_str_inv	BOBJ1	151.05	After	Interior Girder 2	38.34	0.95	1	1	28.253763
Lane_str_inv	BOBJ1	151.05	After	Interior Girder 3	38.34	0.95	1	1	25.801068
Lane_str_inv	BOBJ1	151.05	After	Interior Girder 4	38.34	0.95	1	1	25.801068
Lane_str_inv	BOBJ1	151.05	After	Interior Girder 5	38.34	0.95	1	1	28.253763
Lane_str_inv	BOBJ1	151.05	After	Interior Girder 6	38.34	0.95	1	1	31.389599
Lane_str_inv	BOBJ1	151.05	After	Right Exterior Girder	38.34	0.95	1	1	34.059511
Lane_str_inv	BOBJ1	157.4367	Before	Left Exterior Girder	44.7267	0.95	1	1	33.600846
Lane_str_inv	BOBJ1	157.4367	Before	Interior Girder 1	44.7267	0.95	1	1	30.81428
Lane_str_inv	BOBJ1	157.4367	Before	Interior Girder 2	44.7267	0.95	1	1	27.74028
Lane_str_inv	BOBJ1	157.4367	Before	Interior Girder 3	44.7267	0.95	1	1	25.326035
Lane_str_inv	BOBJ1	157.4367	Before	Interior Girder 4	44.7267	0.95	1	1	25.326035
Lane_str_inv	BOBJ1	157.4367	Before	Interior Girder 5	44.7267	0.95	1	1	27.74028
Lane_str_inv	BOBJ1	157.4367	Before	Interior Girder 6	44.7267	0.95	1	1	30.81428
Lane_str_inv	BOBJ1	157.4367	Before	Right Exterior Girder	44.7267	0.95	1	1	33.600846
Lane_str_inv	BOBJ1	157.4367	After	Left Exterior Girder	44.7267	0.95	1	1	30.174692
Lane_str_inv	BOBJ1	157.4367	After	Interior Girder 1	44.7267	0.95	1	1	26.208981
Lane_str_inv	BOBJ1	157.4367	After	Interior Girder 2	44.7267	0.95	1	1	24.071855
Lane_str_inv	BOBJ1	157.4367	After	Interior Girder 3	44.7267	0.95	1	1	21.328575
Lane_str_inv	BOBJ1	157.4367	After	Interior Girder 4	44.7267	0.95	1	1	21.328575
Lane_str_inv	BOBJ1	157.4367	After	Interior Girder 5	44.7267	0.95	1	1	24.071855
Lane_str_inv	BOBJ1	157.4367	After	Interior Girder 6	44.7267	0.95	1	1	26.208981
Lane_str_inv	BOBJ1	157.4367	After	Right Exterior Girder	44.7267	0.95	1	1	30.174692
Lane_str_inv	BOBJ1	158.71	Before	Left Exterior Girder	46	0.95	1	1	30.090733
Lane_str_inv	BOBJ1	158.71	Before	Interior Girder 1	46	0.95	1	1	26.111545
Lane_str_inv	BOBJ1	158.71	Before	Interior Girder 2	46	0.95	1	1	23.982842
Lane_str_inv	BOBJ1	158.71	Before	Interior Girder 3	46	0.95	1	1	21.248327
Lane_str_inv	BOBJ1	158.71	Before	Interior Girder 4	46	0.95	1	1	21.248327
Lane_str_inv	BOBJ1	158.71	Before	Interior Girder 5	46	0.95	1	1	23.982842
Lane_str_inv	BOBJ1	158.71	Before	Interior Girder 6	46	0.95	1	1	26.111545
Lane_str_inv	BOBJ1	158.71	Before	Right Exterior Girder	46	0.95	1	1	30.090733
Lane_str_inv	BOBJ1	158.71	After	Left Exterior Girder	46	0.95	1	1	36.274927
Lane_str_inv	BOBJ1	158.71	After	Interior Girder 1	46	0.95	1	1	26.759834
Lane_str_inv	BOBJ1	158.71	After	Interior Girder 2	46	0.95	1	1	25.66562

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Approach, Span 16-19									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Lane_str_inv	BOBJ1	158.71	After	Interior Girder 3	46	0.95	1	1	22.850048
Lane_str_inv	BOBJ1	158.71	After	Interior Girder 4	46	0.95	1	1	22.850048
Lane_str_inv	BOBJ1	158.71	After	Interior Girder 5	46	0.95	1	1	25.66562
Lane_str_inv	BOBJ1	158.71	After	Interior Girder 6	46	0.95	1	1	26.759834
Lane_str_inv	BOBJ1	158.71	After	Right Exterior Girder	46	0.95	1	1	36.274927
Lane_str_inv	BOBJ1	163.8233	Before	Left Exterior Girder	51.1133	0.95	1	1	35.923906
Lane_str_inv	BOBJ1	163.8233	Before	Interior Girder 1	51.1133	0.95	1	1	26.402517
Lane_str_inv	BOBJ1	163.8233	Before	Interior Girder 2	51.1133	0.95	1	1	25.324951
Lane_str_inv	BOBJ1	163.8233	Before	Interior Girder 3	51.1133	0.95	1	1	22.542567
Lane_str_inv	BOBJ1	163.8233	Before	Interior Girder 4	51.1133	0.95	1	1	22.542567
Lane_str_inv	BOBJ1	163.8233	Before	Interior Girder 5	51.1133	0.95	1	1	25.324951
Lane_str_inv	BOBJ1	163.8233	Before	Interior Girder 6	51.1133	0.95	1	1	26.402517
Lane_str_inv	BOBJ1	163.8233	Before	Right Exterior Girder	51.1133	0.95	1	1	35.923906
Lane_str_inv	BOBJ1	163.8233	After	Left Exterior Girder	51.1133	0.95	1	1	27.733235
Lane_str_inv	BOBJ1	163.8233	After	Interior Girder 1	51.1133	0.95	1	1	23.392508
Lane_str_inv	BOBJ1	163.8233	After	Interior Girder 2	51.1133	0.95	1	1	21.103849
Lane_str_inv	BOBJ1	163.8233	After	Interior Girder 3	51.1133	0.95	1	1	18.151678
Lane_str_inv	BOBJ1	163.8233	After	Interior Girder 4	51.1133	0.95	1	1	18.151678
Lane_str_inv	BOBJ1	163.8233	After	Interior Girder 5	51.1133	0.95	1	1	21.103849
Lane_str_inv	BOBJ1	163.8233	After	Interior Girder 6	51.1133	0.95	1	1	23.392508
Lane_str_inv	BOBJ1	163.8233	After	Right Exterior Girder	51.1133	0.95	1	1	27.733235
Lane_str_inv	BOBJ1	164.71	Before	Left Exterior Girder	52	0.95	1	1	27.684757
Lane_str_inv	BOBJ1	164.71	Before	Right Exterior Girder	52	0.95	1	1	27.684757
Lane_str_inv	BOBJ1	164.71	After	Left Exterior Girder	52	0.95	1	1	31.864216
Lane_str_inv	BOBJ1	164.71	After	Right Exterior Girder	52	0.95	1	1	31.864216
Lane_str_inv	BOBJ1	170.21	Before	Left Exterior Girder	57.5	0.95	1	1	31.491146
Lane_str_inv	BOBJ1	170.21	Before	Interior Girder 1	57.5	0.95	1	1	20.478949
Lane_str_inv	BOBJ1	170.21	Before	Interior Girder 2	57.5	0.95	1	1	20.747977
Lane_str_inv	BOBJ1	170.21	Before	Interior Girder 3	57.5	0.95	1	1	17.840061
Lane_str_inv	BOBJ1	170.21	Before	Interior Girder 4	57.5	0.95	1	1	17.840061
Lane_str_inv	BOBJ1	170.21	Before	Interior Girder 5	57.5	0.95	1	1	20.747977
Lane_str_inv	BOBJ1	170.21	Before	Interior Girder 6	57.5	0.95	1	1	20.478949
Lane_str_inv	BOBJ1	170.21	Before	Right Exterior Girder	57.5	0.95	1	1	31.491146
Lane_str_inv	BOBJ1	170.21	After	Left Exterior Girder	0	0.95	1	1	28.630538
Lane_str_inv	BOBJ1	170.21	After	Interior Girder 1	0	0.95	1	1	19.067314
Lane_str_inv	BOBJ1	170.21	After	Interior Girder 2	0	0.95	1	1	19.208585
Lane_str_inv	BOBJ1	170.21	After	Interior Girder 3	0	0.95	1	1	16.692304
Lane_str_inv	BOBJ1	170.21	After	Interior Girder 4	0	0.95	1	1	16.692304
Lane_str_inv	BOBJ1	170.21	After	Interior Girder 5	0	0.95	1	1	19.208585
Lane_str_inv	BOBJ1	170.21	After	Interior Girder 6	0	0.95	1	1	19.067314
Lane_str_inv	BOBJ1	170.21	After	Right Exterior Girder	0	0.95	1	1	28.630538
Lane_str_inv	BOBJ1	176.21	Before	Left Exterior Girder	6	0.95	1	1	29.011916
Lane_str_inv	BOBJ1	176.21	Before	Right Exterior Girder	6	0.95	1	1	29.011916
Lane_str_inv	BOBJ1	176.21	After	Left Exterior Girder	6	0.95	1	1	19.73691
Lane_str_inv	BOBJ1	176.21	After	Right Exterior Girder	6	0.95	1	1	19.73691
Lane_str_inv	BOBJ1	176.6	Before	Left Exterior Girder	6.39	0.95	1	1	19.753318
Lane_str_inv	BOBJ1	176.6	Before	Interior Girder 1	6.39	0.95	1	1	27.618984
Lane_str_inv	BOBJ1	176.6	Before	Interior Girder 2	6.39	0.95	1	1	19.546429
Lane_str_inv	BOBJ1	176.6	Before	Interior Girder 3	6.39	0.95	1	1	16.991119
Lane_str_inv	BOBJ1	176.6	Before	Interior Girder 4	6.39	0.95	1	1	16.991119
Lane_str_inv	BOBJ1	176.6	Before	Interior Girder 5	6.39	0.95	1	1	19.546429
Lane_str_inv	BOBJ1	176.6	Before	Interior Girder 6	6.39	0.95	1	1	27.618984
Lane_str_inv	BOBJ1	176.6	Before	Right Exterior Girder	6.39	0.95	1	1	19.753318
Lane_str_inv	BOBJ1	176.6	After	Left Exterior Girder	6.39	0.95	1	1	32.532212
Lane_str_inv	BOBJ1	176.6	After	Interior Girder 1	6.39	0.95	1	1	25.152617
Lane_str_inv	BOBJ1	176.6	After	Interior Girder 2	6.39	0.95	1	1	23.772895
Lane_str_inv	BOBJ1	176.6	After	Interior Girder 3	6.39	0.95	1	1	21.347831
Lane_str_inv	BOBJ1	176.6	After	Interior Girder 4	6.39	0.95	1	1	21.347831
Lane_str_inv	BOBJ1	176.6	After	Interior Girder 5	6.39	0.95	1	1	23.772895
Lane_str_inv	BOBJ1	176.6	After	Interior Girder 6	6.39	0.95	1	1	25.152617
Lane_str_inv	BOBJ1	176.6	After	Right Exterior Girder	6.39	0.95	1	1	32.532212
Lane_str_inv	BOBJ1	182.99	Before	Left Exterior Girder	12.78	0.95	1	1	32.940445
Lane_str_inv	BOBJ1	182.99	Before	Interior Girder 1	12.78	0.95	1	1	25.588961
Lane_str_inv	BOBJ1	182.99	Before	Interior Girder 2	12.78	0.95	1	1	24.182063
Lane_str_inv	BOBJ1	182.99	Before	Interior Girder 3	12.78	0.95	1	1	21.720024

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Approach, Span 16-19									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Lane_str_inv	BOBJ1	182.99	Before	Interior Girder 4	12.78	0.95	1	1	21.720024
Lane_str_inv	BOBJ1	182.99	Before	Interior Girder 5	12.78	0.95	1	1	24.182063
Lane_str_inv	BOBJ1	182.99	Before	Interior Girder 6	12.78	0.95	1	1	25.588961
Lane_str_inv	BOBJ1	182.99	Before	Right Exterior Girder	12.78	0.95	1	1	32.940445
Lane_str_inv	BOBJ1	182.99	After	Left Exterior Girder	12.78	0.95	1	1	37.461805
Lane_str_inv	BOBJ1	182.99	After	Interior Girder 1	12.78	0.95	1	1	32.921998
Lane_str_inv	BOBJ1	182.99	After	Interior Girder 2	12.78	0.95	1	1	29.446554
Lane_str_inv	BOBJ1	182.99	After	Interior Girder 3	12.78	0.95	1	1	27.057221
Lane_str_inv	BOBJ1	182.99	After	Interior Girder 4	12.78	0.95	1	1	27.057221
Lane_str_inv	BOBJ1	182.99	After	Interior Girder 5	12.78	0.95	1	1	29.446554
Lane_str_inv	BOBJ1	182.99	After	Interior Girder 6	12.78	0.95	1	1	32.921998
Lane_str_inv	BOBJ1	182.99	After	Right Exterior Girder	12.78	0.95	1	1	37.461805
Lane_str_inv	BOBJ1	189.38	Before	Left Exterior Girder	19.17	0.95	1	1	37.915204
Lane_str_inv	BOBJ1	189.38	Before	Interior Girder 1	19.17	0.95	1	1	33.481118
Lane_str_inv	BOBJ1	189.38	Before	Interior Girder 2	19.17	0.95	1	1	29.942105
Lane_str_inv	BOBJ1	189.38	Before	Interior Girder 3	19.17	0.95	1	1	27.517433
Lane_str_inv	BOBJ1	189.38	Before	Interior Girder 4	19.17	0.95	1	1	27.517433
Lane_str_inv	BOBJ1	189.38	Before	Interior Girder 5	19.17	0.95	1	1	29.942105
Lane_str_inv	BOBJ1	189.38	Before	Interior Girder 6	19.17	0.95	1	1	33.481118
Lane_str_inv	BOBJ1	189.38	Before	Right Exterior Girder	19.17	0.95	1	1	37.915204
Lane_str_inv	BOBJ1	189.38	After	Left Exterior Girder	19.17	0.95	1	1	74.808986
Lane_str_inv	BOBJ1	189.38	After	Interior Girder 1	19.17	0.95	1	1	36.752405
Lane_str_inv	BOBJ1	189.38	After	Interior Girder 2	19.17	0.95	1	1	37.387197
Lane_str_inv	BOBJ1	189.38	After	Interior Girder 3	19.17	0.95	1	1	34.801048
Lane_str_inv	BOBJ1	189.38	After	Interior Girder 4	19.17	0.95	1	1	34.801048
Lane_str_inv	BOBJ1	189.38	After	Interior Girder 5	19.17	0.95	1	1	37.387197
Lane_str_inv	BOBJ1	189.38	After	Interior Girder 6	19.17	0.95	1	1	36.752405
Lane_str_inv	BOBJ1	189.38	After	Right Exterior Girder	19.17	0.95	1	1	74.808986
Lane_str_inv	BOBJ1	195.77	Before	Left Exterior Girder	25.56	0.95	1	1	75.685203
Lane_str_inv	BOBJ1	195.77	Before	Interior Girder 1	25.56	0.95	1	1	37.360364
Lane_str_inv	BOBJ1	195.77	Before	Interior Girder 2	25.56	0.95	1	1	38.0049
Lane_str_inv	BOBJ1	195.77	Before	Interior Girder 3	25.56	0.95	1	1	35.375745
Lane_str_inv	BOBJ1	195.77	Before	Interior Girder 4	25.56	0.95	1	1	35.375745
Lane_str_inv	BOBJ1	195.77	Before	Interior Girder 5	25.56	0.95	1	1	38.0049
Lane_str_inv	BOBJ1	195.77	Before	Interior Girder 6	25.56	0.95	1	1	37.360364
Lane_str_inv	BOBJ1	195.77	Before	Right Exterior Girder	25.56	0.95	1	1	75.685203
Lane_str_inv	BOBJ1	195.77	After	Left Exterior Girder	25.56	0.95	1	1	95.257886
Lane_str_inv	BOBJ1	195.77	After	Interior Girder 1	25.56	0.95	1	1	52.53765
Lane_str_inv	BOBJ1	195.77	After	Interior Girder 2	25.56	0.95	1	1	51.343946
Lane_str_inv	BOBJ1	195.77	After	Interior Girder 3	25.56	0.95	1	1	50.429027
Lane_str_inv	BOBJ1	195.77	After	Interior Girder 4	25.56	0.95	1	1	50.429027
Lane_str_inv	BOBJ1	195.77	After	Interior Girder 5	25.56	0.95	1	1	51.343946
Lane_str_inv	BOBJ1	195.77	After	Interior Girder 6	25.56	0.95	1	1	52.53765
Lane_str_inv	BOBJ1	195.77	After	Right Exterior Girder	25.56	0.95	1	1	95.257886
Lane_str_inv	BOBJ1	202.16	Before	Left Exterior Girder	31.95	0.95	1	1	96.337214
Lane_str_inv	BOBJ1	202.16	Before	Interior Girder 1	31.95	0.95	1	1	53.388786
Lane_str_inv	BOBJ1	202.16	Before	Interior Girder 2	31.95	0.95	1	1	52.173356
Lane_str_inv	BOBJ1	202.16	Before	Interior Girder 3	31.95	0.95	1	1	51.243209
Lane_str_inv	BOBJ1	202.16	Before	Interior Girder 4	31.95	0.95	1	1	51.243209
Lane_str_inv	BOBJ1	202.16	Before	Interior Girder 5	31.95	0.95	1	1	52.173356
Lane_str_inv	BOBJ1	202.16	Before	Interior Girder 6	31.95	0.95	1	1	53.388786
Lane_str_inv	BOBJ1	202.16	Before	Right Exterior Girder	31.95	0.95	1	1	96.337214
Lane_str_inv	BOBJ1	202.16	After	Left Exterior Girder	31.95	0.95	1	1	124.977992
Lane_str_inv	BOBJ1	202.16	After	Interior Girder 1	31.95	0.95	1	1	61.037283
Lane_str_inv	BOBJ1	202.16	After	Interior Girder 2	31.95	0.95	1	1	61.855642
Lane_str_inv	BOBJ1	202.16	After	Interior Girder 3	31.95	0.95	1	1	57.743898
Lane_str_inv	BOBJ1	202.16	After	Interior Girder 4	31.95	0.95	1	1	57.743898
Lane_str_inv	BOBJ1	202.16	After	Interior Girder 5	31.95	0.95	1	1	61.855641
Lane_str_inv	BOBJ1	202.16	After	Interior Girder 6	31.95	0.95	1	1	61.037283
Lane_str_inv	BOBJ1	202.16	After	Right Exterior Girder	31.95	0.95	1	1	124.977992
Lane_str_inv	BOBJ1	208.55	Before	Left Exterior Girder	38.34	0.95	1	1	126.34973
Lane_str_inv	BOBJ1	208.55	Before	Interior Girder 1	38.34	0.95	1	1	60.088589
Lane_str_inv	BOBJ1	208.55	Before	Interior Girder 2	38.34	0.95	1	1	60.890124
Lane_str_inv	BOBJ1	208.55	Before	Interior Girder 3	38.34	0.95	1	1	56.842396
Lane_str_inv	BOBJ1	208.55	Before	Interior Girder 4	38.34	0.95	1	1	56.842396

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Approach, Span 16-19									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Lane_str_inv	BOBJ1	208.55	Before	Interior Girder 5	38.34	0.95	1	1	60.890124
Lane_str_inv	BOBJ1	208.55	Before	Interior Girder 6	38.34	0.95	1	1	60.088589
Lane_str_inv	BOBJ1	208.55	Before	Right Exterior Girder	38.34	0.95	1	1	126.34973
Lane_str_inv	BOBJ1	208.55	After	Left Exterior Girder	38.34	0.95	1	1	62.067125
Lane_str_inv	BOBJ1	208.55	After	Interior Girder 1	38.34	0.95	1	1	56.99823
Lane_str_inv	BOBJ1	208.55	After	Interior Girder 2	38.34	0.95	1	1	50.428042
Lane_str_inv	BOBJ1	208.55	After	Interior Girder 3	38.34	0.95	1	1	51.550981
Lane_str_inv	BOBJ1	208.55	After	Interior Girder 4	38.34	0.95	1	1	51.550981
Lane_str_inv	BOBJ1	208.55	After	Interior Girder 5	38.34	0.95	1	1	50.428042
Lane_str_inv	BOBJ1	208.55	After	Interior Girder 6	38.34	0.95	1	1	56.99823
Lane_str_inv	BOBJ1	208.55	After	Right Exterior Girder	38.34	0.95	1	1	62.067125
Lane_str_inv	BOBJ1	215.1233	Before	Left Exterior Girder	44.9133	0.95	1	1	61.352736
Lane_str_inv	BOBJ1	215.1233	Before	Interior Girder 1	44.9133	0.95	1	1	56.057107
Lane_str_inv	BOBJ1	215.1233	Before	Interior Girder 2	44.9133	0.95	1	1	49.600707
Lane_str_inv	BOBJ1	215.1233	Before	Interior Girder 3	44.9133	0.95	1	1	50.703859
Lane_str_inv	BOBJ1	215.1233	Before	Interior Girder 4	44.9133	0.95	1	1	50.703859
Lane_str_inv	BOBJ1	215.1233	Before	Interior Girder 5	44.9133	0.95	1	1	49.600707
Lane_str_inv	BOBJ1	215.1233	Before	Interior Girder 6	44.9133	0.95	1	1	56.057107
Lane_str_inv	BOBJ1	215.1233	Before	Right Exterior Girder	44.9133	0.95	1	1	61.352736
Lane_str_inv	BOBJ1	215.1233	After	Left Exterior Girder	44.9133	0.95	1	1	51.531661
Lane_str_inv	BOBJ1	215.1233	After	Interior Girder 1	44.9133	0.95	1	1	40.523413
Lane_str_inv	BOBJ1	215.1233	After	Interior Girder 2	44.9133	0.95	1	1	37.805431
Lane_str_inv	BOBJ1	215.1233	After	Interior Girder 3	44.9133	0.95	1	1	37.714904
Lane_str_inv	BOBJ1	215.1233	After	Interior Girder 4	44.9133	0.95	1	1	37.714904
Lane_str_inv	BOBJ1	215.1233	After	Interior Girder 5	44.9133	0.95	1	1	37.805431
Lane_str_inv	BOBJ1	215.1233	After	Interior Girder 6	44.9133	0.95	1	1	40.523413
Lane_str_inv	BOBJ1	215.1233	After	Right Exterior Girder	44.9133	0.95	1	1	51.531661
Lane_str_inv	BOBJ1	221.6967	Before	Left Exterior Girder	51.4867	0.95	1	1	50.918396
Lane_str_inv	BOBJ1	221.6967	Before	Interior Girder 1	51.4867	0.95	1	1	39.839632
Lane_str_inv	BOBJ1	221.6967	Before	Interior Girder 2	51.4867	0.95	1	1	37.170912
Lane_str_inv	BOBJ1	221.6967	Before	Interior Girder 3	51.4867	0.95	1	1	37.08073
Lane_str_inv	BOBJ1	221.6967	Before	Interior Girder 4	51.4867	0.95	1	1	37.08073
Lane_str_inv	BOBJ1	221.6967	Before	Interior Girder 5	51.4867	0.95	1	1	37.170912
Lane_str_inv	BOBJ1	221.6967	Before	Interior Girder 6	51.4867	0.95	1	1	39.839632
Lane_str_inv	BOBJ1	221.6967	Before	Right Exterior Girder	51.4867	0.95	1	1	50.918396
Lane_str_inv	BOBJ1	221.6967	After	Left Exterior Girder	51.4867	0.95	1	1	44.20434
Lane_str_inv	BOBJ1	221.6967	After	Interior Girder 1	51.4867	0.95	1	1	28.44089
Lane_str_inv	BOBJ1	221.6967	After	Interior Girder 2	51.4867	0.95	1	1	28.263992
Lane_str_inv	BOBJ1	221.6967	After	Interior Girder 3	51.4867	0.95	1	1	27.258495
Lane_str_inv	BOBJ1	221.6967	After	Interior Girder 4	51.4867	0.95	1	1	27.258495
Lane_str_inv	BOBJ1	221.6967	After	Interior Girder 5	51.4867	0.95	1	1	28.263992
Lane_str_inv	BOBJ1	221.6967	After	Interior Girder 6	51.4867	0.95	1	1	28.44089
Lane_str_inv	BOBJ1	221.6967	After	Right Exterior Girder	51.4867	0.95	1	1	44.20434
Lane_str_inv	BOBJ1	228.27	Before	Left Exterior Girder	58.06	0.95	1	1	43.659162
Lane_str_inv	BOBJ1	228.27	Before	Interior Girder 1	58.06	0.95	1	1	27.9508
Lane_str_inv	BOBJ1	228.27	Before	Interior Girder 2	58.06	0.95	1	1	27.778758
Lane_str_inv	BOBJ1	228.27	Before	Interior Girder 3	58.06	0.95	1	1	26.788922
Lane_str_inv	BOBJ1	228.27	Before	Interior Girder 4	58.06	0.95	1	1	26.788922
Lane_str_inv	BOBJ1	228.27	Before	Interior Girder 5	58.06	0.95	1	1	27.778758
Lane_str_inv	BOBJ1	228.27	Before	Interior Girder 6	58.06	0.95	1	1	27.9508
Lane_str_inv	BOBJ1	228.27	Before	Right Exterior Girder	58.06	0.95	1	1	43.659162
SU4_str	BOBJ1	0	After	Left Exterior Girder	0	0.95	1	1	11.566301
SU4_str	BOBJ1	0	After	Interior Girder 1	0	0.95	1	1	6.947829
SU4_str	BOBJ1	0	After	Interior Girder 2	0	0.95	1	1	6.468043
SU4_str	BOBJ1	0	After	Interior Girder 3	0	0.95	1	1	5.540986
SU4_str	BOBJ1	0	After	Interior Girder 4	0	0.95	1	1	5.540986
SU4_str	BOBJ1	0	After	Interior Girder 5	0	0.95	1	1	6.468043
SU4_str	BOBJ1	0	After	Interior Girder 6	0	0.95	1	1	6.947829
SU4_str	BOBJ1	0	After	Right Exterior Girder	0	0.95	1	1	11.566301
SU4_str	BOBJ1	5.3833	Before	Left Exterior Girder	5.3833	0.95	1	1	11.698495
SU4_str	BOBJ1	5.3833	Before	Interior Girder 1	5.3833	0.95	1	1	7.05682
SU4_str	BOBJ1	5.3833	Before	Interior Girder 2	5.3833	0.95	1	1	6.569176
SU4_str	BOBJ1	5.3833	Before	Interior Girder 3	5.3833	0.95	1	1	5.628045
SU4_str	BOBJ1	5.3833	Before	Interior Girder 4	5.3833	0.95	1	1	5.628045
SU4_str	BOBJ1	5.3833	Before	Interior Girder 5	5.3833	0.95	1	1	6.569176

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Approach, Span 16-19									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
SU4_str	BOBJ1	5.3833	Before	Interior Girder 6	5.3833	0.95	1	1	7.05682
SU4_str	BOBJ1	5.3833	Before	Right Exterior Girder	5.3833	0.95	1	1	11.698495
SU4_str	BOBJ1	5.3833	After	Left Exterior Girder	5.3833	0.95	1	1	13.683297
SU4_str	BOBJ1	5.3833	After	Interior Girder 1	5.3833	0.95	1	1	9.750451
SU4_str	BOBJ1	5.3833	After	Interior Girder 2	5.3833	0.95	1	1	8.827536
SU4_str	BOBJ1	5.3833	After	Interior Girder 3	5.3833	0.95	1	1	8.237329
SU4_str	BOBJ1	5.3833	After	Interior Girder 4	5.3833	0.95	1	1	8.237329
SU4_str	BOBJ1	5.3833	After	Interior Girder 5	5.3833	0.95	1	1	8.827536
SU4_str	BOBJ1	5.3833	After	Interior Girder 6	5.3833	0.95	1	1	9.750451
SU4_str	BOBJ1	5.3833	After	Right Exterior Girder	5.3833	0.95	1	1	13.683297
SU4_str	BOBJ1	10.7667	Before	Left Exterior Girder	10.7667	0.95	1	1	13.834371
SU4_str	BOBJ1	10.7667	Before	Interior Girder 1	10.7667	0.95	1	1	9.900492
SU4_str	BOBJ1	10.7667	Before	Interior Girder 2	10.7667	0.95	1	1	8.962657
SU4_str	BOBJ1	10.7667	Before	Interior Girder 3	10.7667	0.95	1	1	8.363937
SU4_str	BOBJ1	10.7667	Before	Interior Girder 4	10.7667	0.95	1	1	8.363937
SU4_str	BOBJ1	10.7667	Before	Interior Girder 5	10.7667	0.95	1	1	8.962657
SU4_str	BOBJ1	10.7667	Before	Interior Girder 6	10.7667	0.95	1	1	9.900492
SU4_str	BOBJ1	10.7667	Before	Right Exterior Girder	10.7667	0.95	1	1	13.834371
SU4_str	BOBJ1	10.7667	After	Left Exterior Girder	10.7667	0.95	1	1	17.296821
SU4_str	BOBJ1	10.7667	After	Interior Girder 1	10.7667	0.95	1	1	13.758656
SU4_str	BOBJ1	10.7667	After	Interior Girder 2	10.7667	0.95	1	1	12.288015
SU4_str	BOBJ1	10.7667	After	Interior Girder 3	10.7667	0.95	1	1	11.755877
SU4_str	BOBJ1	10.7667	After	Interior Girder 4	10.7667	0.95	1	1	11.755877
SU4_str	BOBJ1	10.7667	After	Interior Girder 5	10.7667	0.95	1	1	12.288015
SU4_str	BOBJ1	10.7667	After	Interior Girder 6	10.7667	0.95	1	1	13.758656
SU4_str	BOBJ1	10.7667	After	Right Exterior Girder	10.7667	0.95	1	1	17.296821
SU4_str	BOBJ1	16.15	Before	Left Exterior Girder	16.15	0.95	1	1	17.481647
SU4_str	BOBJ1	16.15	Before	Interior Girder 1	16.15	0.95	1	1	13.966225
SU4_str	BOBJ1	16.15	Before	Interior Girder 2	16.15	0.95	1	1	12.472216
SU4_str	BOBJ1	16.15	Before	Interior Girder 3	16.15	0.95	1	1	11.932764
SU4_str	BOBJ1	16.15	Before	Interior Girder 4	16.15	0.95	1	1	11.932764
SU4_str	BOBJ1	16.15	Before	Interior Girder 5	16.15	0.95	1	1	12.472216
SU4_str	BOBJ1	16.15	Before	Interior Girder 6	16.15	0.95	1	1	13.966225
SU4_str	BOBJ1	16.15	Before	Right Exterior Girder	16.15	0.95	1	1	17.481647
SU4_str	BOBJ1	16.15	After	Left Exterior Girder	16.15	0.95	1	1	29.980586
SU4_str	BOBJ1	16.15	After	Interior Girder 1	16.15	0.95	1	1	13.358344
SU4_str	BOBJ1	16.15	After	Interior Girder 2	16.15	0.95	1	1	11.570376
SU4_str	BOBJ1	16.15	After	Interior Girder 3	16.15	0.95	1	1	9.771884
SU4_str	BOBJ1	16.15	After	Interior Girder 4	16.15	0.95	1	1	9.771884
SU4_str	BOBJ1	16.15	After	Interior Girder 5	16.15	0.95	1	1	11.570376
SU4_str	BOBJ1	16.15	After	Interior Girder 6	16.15	0.95	1	1	13.358344
SU4_str	BOBJ1	16.15	After	Right Exterior Girder	16.15	0.95	1	1	29.980586
SU4_str	BOBJ1	22.1267	Before	Left Exterior Girder	22.1267	0.95	1	1	29.625548
SU4_str	BOBJ1	22.1267	Before	Interior Girder 1	22.1267	0.95	1	1	13.575316
SU4_str	BOBJ1	22.1267	Before	Interior Girder 2	22.1267	0.95	1	1	11.759346
SU4_str	BOBJ1	22.1267	Before	Interior Girder 3	22.1267	0.95	1	1	9.931402
SU4_str	BOBJ1	22.1267	Before	Interior Girder 4	22.1267	0.95	1	1	9.931402
SU4_str	BOBJ1	22.1267	Before	Interior Girder 5	22.1267	0.95	1	1	11.759346
SU4_str	BOBJ1	22.1267	Before	Interior Girder 6	22.1267	0.95	1	1	13.575316
SU4_str	BOBJ1	22.1267	Before	Right Exterior Girder	22.1267	0.95	1	1	29.625548
SU4_str	BOBJ1	22.1267	After	Left Exterior Girder	22.1267	0.95	1	1	19.670442
SU4_str	BOBJ1	22.1267	After	Interior Girder 1	22.1267	0.95	1	1	12.223703
SU4_str	BOBJ1	22.1267	After	Interior Girder 2	22.1267	0.95	1	1	11.208972
SU4_str	BOBJ1	22.1267	After	Interior Girder 3	22.1267	0.95	1	1	9.677404
SU4_str	BOBJ1	22.1267	After	Interior Girder 4	22.1267	0.95	1	1	9.677404
SU4_str	BOBJ1	22.1267	After	Interior Girder 5	22.1267	0.95	1	1	11.208972
SU4_str	BOBJ1	22.1267	After	Interior Girder 6	22.1267	0.95	1	1	12.223703
SU4_str	BOBJ1	22.1267	After	Right Exterior Girder	22.1267	0.95	1	1	19.670442
SU4_str	BOBJ1	28.1033	Before	Left Exterior Girder	28.1033	0.95	1	1	19.42891
SU4_str	BOBJ1	28.1033	Before	Interior Girder 1	28.1033	0.95	1	1	12.016275
SU4_str	BOBJ1	28.1033	Before	Interior Girder 2	28.1033	0.95	1	1	11.019581
SU4_str	BOBJ1	28.1033	Before	Interior Girder 3	28.1033	0.95	1	1	9.513798
SU4_str	BOBJ1	28.1033	Before	Interior Girder 4	28.1033	0.95	1	1	9.513798
SU4_str	BOBJ1	28.1033	Before	Interior Girder 5	28.1033	0.95	1	1	11.019581
SU4_str	BOBJ1	28.1033	Before	Interior Girder 6	28.1033	0.95	1	1	12.016275

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Approach, Span 16-19									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
SU4_str	BOBJ1	28.1033	Before	Right Exterior Girder	28.1033	0.95	1	1	19.42891
SU4_str	BOBJ1	28.1033	After	Left Exterior Girder	28.1033	0.95	1	1	14.942533
SU4_str	BOBJ1	28.1033	After	Interior Girder 1	28.1033	0.95	1	1	8.359719
SU4_str	BOBJ1	28.1033	After	Interior Girder 2	28.1033	0.95	1	1	7.582487
SU4_str	BOBJ1	28.1033	After	Interior Girder 3	28.1033	0.95	1	1	6.458915
SU4_str	BOBJ1	28.1033	After	Interior Girder 4	28.1033	0.95	1	1	6.458915
SU4_str	BOBJ1	28.1033	After	Interior Girder 5	28.1033	0.95	1	1	7.582487
SU4_str	BOBJ1	28.1033	After	Interior Girder 6	28.1033	0.95	1	1	8.359719
SU4_str	BOBJ1	28.1033	After	Right Exterior Girder	28.1033	0.95	1	1	14.942533
SU4_str	BOBJ1	34.08	Before	Left Exterior Girder	34.08	0.95	1	1	14.751925
SU4_str	BOBJ1	34.08	Before	Interior Girder 1	34.08	0.95	1	1	8.214732
SU4_str	BOBJ1	34.08	Before	Interior Girder 2	34.08	0.95	1	1	7.451347
SU4_str	BOBJ1	34.08	Before	Interior Girder 3	34.08	0.95	1	1	6.347044
SU4_str	BOBJ1	34.08	Before	Interior Girder 4	34.08	0.95	1	1	6.347044
SU4_str	BOBJ1	34.08	Before	Interior Girder 5	34.08	0.95	1	1	7.451347
SU4_str	BOBJ1	34.08	Before	Interior Girder 6	34.08	0.95	1	1	8.214732
SU4_str	BOBJ1	34.08	Before	Right Exterior Girder	34.08	0.95	1	1	14.751925
SU4_str	BOBJ1	34.08	After	Left Exterior Girder	34.08	0.95	1	1	9.829071
SU4_str	BOBJ1	34.08	After	Interior Girder 1	34.08	0.95	1	1	7.924229
SU4_str	BOBJ1	34.08	After	Interior Girder 2	34.08	0.95	1	1	7.205455
SU4_str	BOBJ1	34.08	After	Interior Girder 3	34.08	0.95	1	1	6.44012
SU4_str	BOBJ1	34.08	After	Interior Girder 4	34.08	0.95	1	1	6.44012
SU4_str	BOBJ1	34.08	After	Interior Girder 5	34.08	0.95	1	1	7.205455
SU4_str	BOBJ1	34.08	After	Interior Girder 6	34.08	0.95	1	1	7.924229
SU4_str	BOBJ1	34.08	After	Right Exterior Girder	34.08	0.95	1	1	9.829071
SU4_str	BOBJ1	39.855	Before	Left Exterior Girder	39.855	0.95	1	1	9.702501
SU4_str	BOBJ1	39.855	Before	Interior Girder 1	39.855	0.95	1	1	7.78838
SU4_str	BOBJ1	39.855	Before	Interior Girder 2	39.855	0.95	1	1	7.083361
SU4_str	BOBJ1	39.855	Before	Interior Girder 3	39.855	0.95	1	1	6.32839
SU4_str	BOBJ1	39.855	Before	Interior Girder 4	39.855	0.95	1	1	6.32839
SU4_str	BOBJ1	39.855	Before	Interior Girder 5	39.855	0.95	1	1	7.083361
SU4_str	BOBJ1	39.855	Before	Interior Girder 6	39.855	0.95	1	1	7.78838
SU4_str	BOBJ1	39.855	Before	Right Exterior Girder	39.855	0.95	1	1	9.702501
SU4_str	BOBJ1	39.855	After	Left Exterior Girder	39.855	0.95	1	1	5.822299
SU4_str	BOBJ1	39.855	After	Interior Girder 1	39.855	0.95	1	1	7.586367
SU4_str	BOBJ1	39.855	After	Interior Girder 2	39.855	0.95	1	1	5.60774
SU4_str	BOBJ1	39.855	After	Interior Girder 3	39.855	0.95	1	1	4.592158
SU4_str	BOBJ1	39.855	After	Interior Girder 4	39.855	0.95	1	1	4.592158
SU4_str	BOBJ1	39.855	After	Interior Girder 5	39.855	0.95	1	1	5.60774
SU4_str	BOBJ1	39.855	After	Interior Girder 6	39.855	0.95	1	1	7.586367
SU4_str	BOBJ1	39.855	After	Right Exterior Girder	39.855	0.95	1	1	5.822299
SU4_str	BOBJ1	40.0288	Before	Left Exterior Girder	40.0288	0.95	1	1	5.819798
SU4_str	BOBJ1	40.0288	Before	Right Exterior Girder	40.0288	0.95	1	1	5.819798
SU4_str	BOBJ1	40.0288	After	Left Exterior Girder	40.0288	0.95	1	1	8.629551
SU4_str	BOBJ1	40.0288	After	Right Exterior Girder	40.0288	0.95	1	1	8.629551
SU4_str	BOBJ1	45.63	Before	Left Exterior Girder	45.63	0.95	1	1	8.510715
SU4_str	BOBJ1	45.63	Before	Interior Girder 1	45.63	0.95	1	1	5.95518
SU4_str	BOBJ1	45.63	Before	Interior Girder 2	45.63	0.95	1	1	5.510673
SU4_str	BOBJ1	45.63	Before	Interior Girder 3	45.63	0.95	1	1	4.510336
SU4_str	BOBJ1	45.63	Before	Interior Girder 4	45.63	0.95	1	1	4.510336
SU4_str	BOBJ1	45.63	Before	Interior Girder 5	45.63	0.95	1	1	5.510673
SU4_str	BOBJ1	45.63	Before	Interior Girder 6	45.63	0.95	1	1	5.95518
SU4_str	BOBJ1	45.63	Before	Right Exterior Girder	45.63	0.95	1	1	8.510715
SU4_str	BOBJ1	45.63	After	Left Exterior Girder	0	0.95	1	1	7.359793
SU4_str	BOBJ1	45.63	After	Interior Girder 1	0	0.95	1	1	5.675349
SU4_str	BOBJ1	45.63	After	Interior Girder 2	0	0.95	1	1	5.213529
SU4_str	BOBJ1	45.63	After	Interior Girder 3	0	0.95	1	1	4.336447
SU4_str	BOBJ1	45.63	After	Interior Girder 4	0	0.95	1	1	4.336447
SU4_str	BOBJ1	45.63	After	Interior Girder 5	0	0.95	1	1	5.213529
SU4_str	BOBJ1	45.63	After	Interior Girder 6	0	0.95	1	1	5.675349
SU4_str	BOBJ1	45.63	After	Right Exterior Girder	0	0.95	1	1	7.359793
SU4_str	BOBJ1	50.6298	Before	Left Exterior Girder	4.9998	0.95	1	1	7.453495
SU4_str	BOBJ1	50.6298	Before	Right Exterior Girder	4.9998	0.95	1	1	7.453495
SU4_str	BOBJ1	50.6298	After	Left Exterior Girder	4.9998	0.95	1	1	5.516741
SU4_str	BOBJ1	50.6298	After	Right Exterior Girder	4.9998	0.95	1	1	5.516741

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Approach, Span 16-19									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
SU4_str	BOBJ1	51.4	Before	Left Exterior Girder	5.77	0.95	1	1	5.527403
SU4_str	BOBJ1	51.4	Before	Interior Girder 1	5.77	0.95	1	1	6.753417
SU4_str	BOBJ1	51.4	Before	Interior Girder 2	5.77	0.95	1	1	5.306852
SU4_str	BOBJ1	51.4	Before	Interior Girder 3	5.77	0.95	1	1	4.416383
SU4_str	BOBJ1	51.4	Before	Interior Girder 4	5.77	0.95	1	1	4.416383
SU4_str	BOBJ1	51.4	Before	Interior Girder 5	5.77	0.95	1	1	5.306852
SU4_str	BOBJ1	51.4	Before	Interior Girder 6	5.77	0.95	1	1	6.753417
SU4_str	BOBJ1	51.4	Before	Right Exterior Girder	5.77	0.95	1	1	5.527403
SU4_str	BOBJ1	51.4	After	Left Exterior Girder	5.77	0.95	1	1	8.012636
SU4_str	BOBJ1	51.4	After	Interior Girder 1	5.77	0.95	1	1	7.118234
SU4_str	BOBJ1	51.4	After	Interior Girder 2	5.77	0.95	1	1	6.524562
SU4_str	BOBJ1	51.4	After	Interior Girder 3	5.77	0.95	1	1	5.837071
SU4_str	BOBJ1	51.4	After	Interior Girder 4	5.77	0.95	1	1	5.837071
SU4_str	BOBJ1	51.4	After	Interior Girder 5	5.77	0.95	1	1	6.524562
SU4_str	BOBJ1	51.4	After	Interior Girder 6	5.77	0.95	1	1	7.118234
SU4_str	BOBJ1	51.4	After	Right Exterior Girder	5.77	0.95	1	1	8.012636
SU4_str	BOBJ1	57.17	Before	Left Exterior Girder	11.54	0.95	1	1	8.119152
SU4_str	BOBJ1	57.17	Before	Interior Girder 1	11.54	0.95	1	1	7.244372
SU4_str	BOBJ1	57.17	Before	Interior Girder 2	11.54	0.95	1	1	6.638795
SU4_str	BOBJ1	57.17	Before	Interior Girder 3	11.54	0.95	1	1	5.941738
SU4_str	BOBJ1	57.17	Before	Interior Girder 4	11.54	0.95	1	1	5.941738
SU4_str	BOBJ1	57.17	Before	Interior Girder 5	11.54	0.95	1	1	6.638795
SU4_str	BOBJ1	57.17	Before	Interior Girder 6	11.54	0.95	1	1	7.244372
SU4_str	BOBJ1	57.17	Before	Right Exterior Girder	11.54	0.95	1	1	8.119152
SU4_str	BOBJ1	57.17	After	Left Exterior Girder	11.54	0.95	1	1	11.46226
SU4_str	BOBJ1	57.17	After	Interior Girder 1	11.54	0.95	1	1	7.163502
SU4_str	BOBJ1	57.17	After	Interior Girder 2	11.54	0.95	1	1	6.731811
SU4_str	BOBJ1	57.17	After	Interior Girder 3	11.54	0.95	1	1	5.88181
SU4_str	BOBJ1	57.17	After	Interior Girder 4	11.54	0.95	1	1	5.88181
SU4_str	BOBJ1	57.17	After	Interior Girder 5	11.54	0.95	1	1	6.731811
SU4_str	BOBJ1	57.17	After	Interior Girder 6	11.54	0.95	1	1	7.163502
SU4_str	BOBJ1	57.17	After	Right Exterior Girder	11.54	0.95	1	1	11.46226
SU4_str	BOBJ1	63.34	Before	Left Exterior Girder	17.71	0.95	1	1	11.617961
SU4_str	BOBJ1	63.34	Before	Interior Girder 1	17.71	0.95	1	1	7.296377
SU4_str	BOBJ1	63.34	Before	Interior Girder 2	17.71	0.95	1	1	6.856066
SU4_str	BOBJ1	63.34	Before	Interior Girder 3	17.71	0.95	1	1	5.990424
SU4_str	BOBJ1	63.34	Before	Interior Girder 4	17.71	0.95	1	1	5.990424
SU4_str	BOBJ1	63.34	Before	Interior Girder 5	17.71	0.95	1	1	6.856066
SU4_str	BOBJ1	63.34	Before	Interior Girder 6	17.71	0.95	1	1	7.296377
SU4_str	BOBJ1	63.34	Before	Right Exterior Girder	17.71	0.95	1	1	11.617961
SU4_str	BOBJ1	63.34	After	Left Exterior Girder	17.71	0.95	1	1	13.134664
SU4_str	BOBJ1	63.34	After	Interior Girder 1	17.71	0.95	1	1	9.517685
SU4_str	BOBJ1	63.34	After	Interior Girder 2	17.71	0.95	1	1	8.85862
SU4_str	BOBJ1	63.34	After	Interior Girder 3	17.71	0.95	1	1	8.299959
SU4_str	BOBJ1	63.34	After	Interior Girder 4	17.71	0.95	1	1	8.299959
SU4_str	BOBJ1	63.34	After	Interior Girder 5	17.71	0.95	1	1	8.85862
SU4_str	BOBJ1	63.34	After	Interior Girder 6	17.71	0.95	1	1	9.517685
SU4_str	BOBJ1	63.34	After	Right Exterior Girder	17.71	0.95	1	1	13.134664
SU4_str	BOBJ1	69.51	Before	Left Exterior Girder	23.88	0.95	1	1	13.306001
SU4_str	BOBJ1	69.51	Before	Interior Girder 1	23.88	0.95	1	1	9.69017
SU4_str	BOBJ1	69.51	Before	Interior Girder 2	23.88	0.95	1	1	9.0181
SU4_str	BOBJ1	69.51	Before	Interior Girder 3	23.88	0.95	1	1	8.44932
SU4_str	BOBJ1	69.51	Before	Interior Girder 4	23.88	0.95	1	1	8.44932
SU4_str	BOBJ1	69.51	Before	Interior Girder 5	23.88	0.95	1	1	9.0181
SU4_str	BOBJ1	69.51	Before	Interior Girder 6	23.88	0.95	1	1	9.69017
SU4_str	BOBJ1	69.51	Before	Right Exterior Girder	23.88	0.95	1	1	13.306001
SU4_str	BOBJ1	69.51	After	Left Exterior Girder	23.88	0.95	1	1	15.677305
SU4_str	BOBJ1	69.51	After	Interior Girder 1	23.88	0.95	1	1	12.947192
SU4_str	BOBJ1	69.51	After	Interior Girder 2	23.88	0.95	1	1	11.91447
SU4_str	BOBJ1	69.51	After	Interior Girder 3	23.88	0.95	1	1	10.494866
SU4_str	BOBJ1	69.51	After	Interior Girder 4	23.88	0.95	1	1	10.494866
SU4_str	BOBJ1	69.51	After	Interior Girder 5	23.88	0.95	1	1	11.91447
SU4_str	BOBJ1	69.51	After	Interior Girder 6	23.88	0.95	1	1	12.947192
SU4_str	BOBJ1	69.51	After	Right Exterior Girder	23.88	0.95	1	1	15.677305
SU4_str	BOBJ1	75.68	Before	Left Exterior Girder	30.05	0.95	1	1	15.87414

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Approach, Span 16-19									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
SU4_str	BOBJ1	75.68	Before	Interior Girder 1	30.05	0.95	1	1	13.176392
SU4_str	BOBJ1	75.68	Before	Interior Girder 2	30.05	0.95	1	1	12.1237
SU4_str	BOBJ1	75.68	Before	Interior Girder 3	30.05	0.95	1	1	10.322895
SU4_str	BOBJ1	75.68	Before	Interior Girder 4	30.05	0.95	1	1	10.322895
SU4_str	BOBJ1	75.68	Before	Interior Girder 5	30.05	0.95	1	1	12.1237
SU4_str	BOBJ1	75.68	Before	Interior Girder 6	30.05	0.95	1	1	13.176392
SU4_str	BOBJ1	75.68	Before	Right Exterior Girder	30.05	0.95	1	1	15.87414
SU4_str	BOBJ1	75.68	After	Left Exterior Girder	30.05	0.95	1	1	24.583115
SU4_str	BOBJ1	75.68	After	Interior Girder 1	30.05	0.95	1	1	11.758211
SU4_str	BOBJ1	75.68	After	Interior Girder 2	30.05	0.95	1	1	10.156167
SU4_str	BOBJ1	75.68	After	Interior Girder 3	30.05	0.95	1	1	8.575878
SU4_str	BOBJ1	75.68	After	Interior Girder 4	30.05	0.95	1	1	8.575878
SU4_str	BOBJ1	75.68	After	Interior Girder 5	30.05	0.95	1	1	10.156167
SU4_str	BOBJ1	75.68	After	Interior Girder 6	30.05	0.95	1	1	11.758211
SU4_str	BOBJ1	75.68	After	Right Exterior Girder	30.05	0.95	1	1	24.583115
SU4_str	BOBJ1	81.8467	Before	Left Exterior Girder	36.2167	0.95	1	1	24.290295
SU4_str	BOBJ1	81.8467	Before	Interior Girder 1	36.2167	0.95	1	1	11.958618
SU4_str	BOBJ1	81.8467	Before	Interior Girder 2	36.2167	0.95	1	1	10.330016
SU4_str	BOBJ1	81.8467	Before	Interior Girder 3	36.2167	0.95	1	1	8.722717
SU4_str	BOBJ1	81.8467	Before	Interior Girder 4	36.2167	0.95	1	1	8.722717
SU4_str	BOBJ1	81.8467	Before	Interior Girder 5	36.2167	0.95	1	1	10.330016
SU4_str	BOBJ1	81.8467	Before	Interior Girder 6	36.2167	0.95	1	1	11.958618
SU4_str	BOBJ1	81.8467	Before	Right Exterior Girder	36.2167	0.95	1	1	24.290295
SU4_str	BOBJ1	81.8467	After	Left Exterior Girder	36.2167	0.95	1	1	18.97979
SU4_str	BOBJ1	81.8467	After	Interior Girder 1	36.2167	0.95	1	1	12.219169
SU4_str	BOBJ1	81.8467	After	Interior Girder 2	36.2167	0.95	1	1	11.22891
SU4_str	BOBJ1	81.8467	After	Interior Girder 3	36.2167	0.95	1	1	10.111459
SU4_str	BOBJ1	81.8467	After	Interior Girder 4	36.2167	0.95	1	1	10.111459
SU4_str	BOBJ1	81.8467	After	Interior Girder 5	36.2167	0.95	1	1	11.22891
SU4_str	BOBJ1	81.8467	After	Interior Girder 6	36.2167	0.95	1	1	12.219169
SU4_str	BOBJ1	81.8467	After	Right Exterior Girder	36.2167	0.95	1	1	18.97979
SU4_str	BOBJ1	88.0133	Before	Left Exterior Girder	42.3833	0.95	1	1	18.745404
SU4_str	BOBJ1	88.0133	Before	Interior Girder 1	42.3833	0.95	1	1	12.008712
SU4_str	BOBJ1	88.0133	Before	Interior Girder 2	42.3833	0.95	1	1	11.036045
SU4_str	BOBJ1	88.0133	Before	Interior Girder 3	42.3833	0.95	1	1	9.937919
SU4_str	BOBJ1	88.0133	Before	Interior Girder 4	42.3833	0.95	1	1	9.937919
SU4_str	BOBJ1	88.0133	Before	Interior Girder 5	42.3833	0.95	1	1	11.036045
SU4_str	BOBJ1	88.0133	Before	Interior Girder 6	42.3833	0.95	1	1	12.008712
SU4_str	BOBJ1	88.0133	Before	Right Exterior Girder	42.3833	0.95	1	1	18.745404
SU4_str	BOBJ1	88.0133	After	Left Exterior Girder	42.3833	0.95	1	1	15.84402
SU4_str	BOBJ1	88.0133	After	Interior Girder 1	42.3833	0.95	1	1	8.800439
SU4_str	BOBJ1	88.0133	After	Interior Girder 2	42.3833	0.95	1	1	8.094407
SU4_str	BOBJ1	88.0133	After	Interior Girder 3	42.3833	0.95	1	1	6.966745
SU4_str	BOBJ1	88.0133	After	Interior Girder 4	42.3833	0.95	1	1	6.966745
SU4_str	BOBJ1	88.0133	After	Interior Girder 5	42.3833	0.95	1	1	8.094407
SU4_str	BOBJ1	88.0133	After	Interior Girder 6	42.3833	0.95	1	1	8.800439
SU4_str	BOBJ1	88.0133	After	Right Exterior Girder	42.3833	0.95	1	1	15.84402
SU4_str	BOBJ1	94.18	Before	Left Exterior Girder	48.55	0.95	1	1	15.640821
SU4_str	BOBJ1	94.18	Before	Interior Girder 1	48.55	0.95	1	1	8.645406
SU4_str	BOBJ1	94.18	Before	Interior Girder 2	48.55	0.95	1	1	7.951973
SU4_str	BOBJ1	94.18	Before	Interior Girder 3	48.55	0.95	1	1	6.844245
SU4_str	BOBJ1	94.18	Before	Interior Girder 4	48.55	0.95	1	1	6.844245
SU4_str	BOBJ1	94.18	Before	Interior Girder 5	48.55	0.95	1	1	7.951973
SU4_str	BOBJ1	94.18	Before	Interior Girder 6	48.55	0.95	1	1	8.645406
SU4_str	BOBJ1	94.18	Before	Right Exterior Girder	48.55	0.95	1	1	15.640821
SU4_str	BOBJ1	94.18	After	Left Exterior Girder	48.55	0.95	1	1	10.003922
SU4_str	BOBJ1	94.18	After	Interior Girder 1	48.55	0.95	1	1	9.184117
SU4_str	BOBJ1	94.18	After	Interior Girder 2	48.55	0.95	1	1	8.416727
SU4_str	BOBJ1	94.18	After	Interior Girder 3	48.55	0.95	1	1	7.922342
SU4_str	BOBJ1	94.18	After	Interior Girder 4	48.55	0.95	1	1	7.922342
SU4_str	BOBJ1	94.18	After	Interior Girder 5	48.55	0.95	1	1	8.416727
SU4_str	BOBJ1	94.18	After	Interior Girder 6	48.55	0.95	1	1	9.184117
SU4_str	BOBJ1	94.18	After	Right Exterior Girder	48.55	0.95	1	1	10.003922
SU4_str	BOBJ1	100.3567	Before	Left Exterior Girder	54.7267	0.95	1	1	9.87061
SU4_str	BOBJ1	100.3567	Before	Interior Girder 1	54.7267	0.95	1	1	9.017212

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Approach, Span 16-19									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
SU4_str	BOBJ1	100.3567	Before	Interior Girder 2	54.7267	0.95	1	1	8.26536
SU4_str	BOBJ1	100.3567	Before	Interior Girder 3	54.7267	0.95	1	1	7.778332
SU4_str	BOBJ1	100.3567	Before	Interior Girder 4	54.7267	0.95	1	1	7.778332
SU4_str	BOBJ1	100.3567	Before	Interior Girder 5	54.7267	0.95	1	1	8.26536
SU4_str	BOBJ1	100.3567	Before	Interior Girder 6	54.7267	0.95	1	1	9.017212
SU4_str	BOBJ1	100.3567	Before	Right Exterior Girder	54.7267	0.95	1	1	9.87061
SU4_str	BOBJ1	100.3567	After	Left Exterior Girder	54.7267	0.95	1	1	8.84343
SU4_str	BOBJ1	100.3567	After	Interior Girder 1	54.7267	0.95	1	1	7.066625
SU4_str	BOBJ1	100.3567	After	Interior Girder 2	54.7267	0.95	1	1	6.531183
SU4_str	BOBJ1	100.3567	After	Interior Girder 3	54.7267	0.95	1	1	5.877622
SU4_str	BOBJ1	100.3567	After	Interior Girder 4	54.7267	0.95	1	1	5.877622
SU4_str	BOBJ1	100.3567	After	Interior Girder 5	54.7267	0.95	1	1	6.531183
SU4_str	BOBJ1	100.3567	After	Interior Girder 6	54.7267	0.95	1	1	7.066625
SU4_str	BOBJ1	100.3567	After	Right Exterior Girder	54.7267	0.95	1	1	8.84343
SU4_str	BOBJ1	106.5333	Before	Left Exterior Girder	60.9033	0.95	1	1	8.72058
SU4_str	BOBJ1	106.5333	Before	Interior Girder 1	60.9033	0.95	1	1	6.935201
SU4_str	BOBJ1	106.5333	Before	Interior Girder 2	60.9033	0.95	1	1	6.410823
SU4_str	BOBJ1	106.5333	Before	Interior Girder 3	60.9033	0.95	1	1	5.767893
SU4_str	BOBJ1	106.5333	Before	Interior Girder 4	60.9033	0.95	1	1	5.767893
SU4_str	BOBJ1	106.5333	Before	Interior Girder 5	60.9033	0.95	1	1	6.410823
SU4_str	BOBJ1	106.5333	Before	Interior Girder 6	60.9033	0.95	1	1	6.935201
SU4_str	BOBJ1	106.5333	Before	Right Exterior Girder	60.9033	0.95	1	1	8.72058
SU4_str	BOBJ1	106.5333	After	Left Exterior Girder	60.9033	0.95	1	1	7.220983
SU4_str	BOBJ1	106.5333	After	Interior Girder 1	60.9033	0.95	1	1	5.810697
SU4_str	BOBJ1	106.5333	After	Interior Girder 2	60.9033	0.95	1	1	5.121728
SU4_str	BOBJ1	106.5333	After	Interior Girder 3	60.9033	0.95	1	1	4.236928
SU4_str	BOBJ1	106.5333	After	Interior Girder 4	60.9033	0.95	1	1	4.236928
SU4_str	BOBJ1	106.5333	After	Interior Girder 5	60.9033	0.95	1	1	5.121728
SU4_str	BOBJ1	106.5333	After	Interior Girder 6	60.9033	0.95	1	1	5.810697
SU4_str	BOBJ1	106.5333	After	Right Exterior Girder	60.9033	0.95	1	1	7.220983
SU4_str	BOBJ1	108.2102	Before	Left Exterior Girder	62.5802	0.95	1	1	7.192067
SU4_str	BOBJ1	108.2102	Before	Right Exterior Girder	62.5802	0.95	1	1	7.192067
SU4_str	BOBJ1	108.2102	After	Left Exterior Girder	62.5802	0.95	1	1	8.044304
SU4_str	BOBJ1	108.2102	After	Right Exterior Girder	62.5802	0.95	1	1	8.044304
SU4_str	BOBJ1	112.71	Before	Left Exterior Girder	67.08	0.95	1	1	7.953617
SU4_str	BOBJ1	112.71	Before	Interior Girder 1	67.08	0.95	1	1	5.4062
SU4_str	BOBJ1	112.71	Before	Interior Girder 2	67.08	0.95	1	1	5.025089
SU4_str	BOBJ1	112.71	Before	Interior Girder 3	67.08	0.95	1	1	4.155537
SU4_str	BOBJ1	112.71	Before	Interior Girder 4	67.08	0.95	1	1	4.155537
SU4_str	BOBJ1	112.71	Before	Interior Girder 5	67.08	0.95	1	1	5.025089
SU4_str	BOBJ1	112.71	Before	Interior Girder 6	67.08	0.95	1	1	5.4062
SU4_str	BOBJ1	112.71	Before	Right Exterior Girder	67.08	0.95	1	1	7.953617
SU4_str	BOBJ1	112.71	After	Left Exterior Girder	0	0.95	1	1	8.984297
SU4_str	BOBJ1	112.71	After	Interior Girder 1	0	0.95	1	1	5.761457
SU4_str	BOBJ1	112.71	After	Interior Girder 2	0	0.95	1	1	5.320674
SU4_str	BOBJ1	112.71	After	Interior Girder 3	0	0.95	1	1	4.349717
SU4_str	BOBJ1	112.71	After	Interior Girder 4	0	0.95	1	1	4.349717
SU4_str	BOBJ1	112.71	After	Interior Girder 5	0	0.95	1	1	5.320674
SU4_str	BOBJ1	112.71	After	Interior Girder 6	0	0.95	1	1	5.761457
SU4_str	BOBJ1	112.71	After	Right Exterior Girder	0	0.95	1	1	8.984297
SU4_str	BOBJ1	117.21	Before	Left Exterior Girder	4.5	0.95	1	1	9.083787
SU4_str	BOBJ1	117.21	Before	Right Exterior Girder	4.5	0.95	1	1	9.083787
SU4_str	BOBJ1	117.21	After	Left Exterior Girder	4.5	0.95	1	1	8.684395
SU4_str	BOBJ1	117.21	After	Right Exterior Girder	4.5	0.95	1	1	8.684395
SU4_str	BOBJ1	119.1	Before	Left Exterior Girder	6.39	0.95	1	1	8.722286
SU4_str	BOBJ1	119.1	Before	Interior Girder 1	6.39	0.95	1	1	6.056411
SU4_str	BOBJ1	119.1	Before	Interior Girder 2	6.39	0.95	1	1	5.424147
SU4_str	BOBJ1	119.1	Before	Interior Girder 3	6.39	0.95	1	1	4.435931
SU4_str	BOBJ1	119.1	Before	Interior Girder 4	6.39	0.95	1	1	4.435931
SU4_str	BOBJ1	119.1	Before	Interior Girder 5	6.39	0.95	1	1	5.424147
SU4_str	BOBJ1	119.1	Before	Interior Girder 6	6.39	0.95	1	1	6.056411
SU4_str	BOBJ1	119.1	Before	Right Exterior Girder	6.39	0.95	1	1	8.722286
SU4_str	BOBJ1	119.1	After	Left Exterior Girder	6.39	0.95	1	1	10.390779
SU4_str	BOBJ1	119.1	After	Interior Girder 1	6.39	0.95	1	1	7.665611
SU4_str	BOBJ1	119.1	After	Interior Girder 2	6.39	0.95	1	1	7.017406

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Approach, Span 16-19									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
SU4_str	BOBJ1	119.1	After	Interior Girder 3	6.39	0.95	1	1	6.243843
SU4_str	BOBJ1	119.1	After	Interior Girder 4	6.39	0.95	1	1	6.243843
SU4_str	BOBJ1	119.1	After	Interior Girder 5	6.39	0.95	1	1	7.017406
SU4_str	BOBJ1	119.1	After	Interior Girder 6	6.39	0.95	1	1	7.665611
SU4_str	BOBJ1	119.1	After	Right Exterior Girder	6.39	0.95	1	1	10.390779
SU4_str	BOBJ1	125.49	Before	Left Exterior Girder	12.78	0.95	1	1	10.537755
SU4_str	BOBJ1	125.49	Before	Interior Girder 1	12.78	0.95	1	1	7.812131
SU4_str	BOBJ1	125.49	Before	Interior Girder 2	12.78	0.95	1	1	7.150597
SU4_str	BOBJ1	125.49	Before	Interior Girder 3	12.78	0.95	1	1	6.36402
SU4_str	BOBJ1	125.49	Before	Interior Girder 4	12.78	0.95	1	1	6.36402
SU4_str	BOBJ1	125.49	Before	Interior Girder 5	12.78	0.95	1	1	7.150597
SU4_str	BOBJ1	125.49	Before	Interior Girder 6	12.78	0.95	1	1	7.812131
SU4_str	BOBJ1	125.49	Before	Right Exterior Girder	12.78	0.95	1	1	10.537755
SU4_str	BOBJ1	125.49	After	Left Exterior Girder	12.78	0.95	1	1	12.44001
SU4_str	BOBJ1	125.49	After	Interior Girder 1	12.78	0.95	1	1	10.530908
SU4_str	BOBJ1	125.49	After	Interior Girder 2	12.78	0.95	1	1	9.461861
SU4_str	BOBJ1	125.49	After	Interior Girder 3	12.78	0.95	1	1	8.858843
SU4_str	BOBJ1	125.49	After	Interior Girder 4	12.78	0.95	1	1	8.858843
SU4_str	BOBJ1	125.49	After	Interior Girder 5	12.78	0.95	1	1	9.461861
SU4_str	BOBJ1	125.49	After	Interior Girder 6	12.78	0.95	1	1	10.530908
SU4_str	BOBJ1	125.49	After	Right Exterior Girder	12.78	0.95	1	1	12.44001
SU4_str	BOBJ1	131.88	Before	Left Exterior Girder	19.17	0.95	1	1	12.608661
SU4_str	BOBJ1	131.88	Before	Interior Girder 1	19.17	0.95	1	1	10.727466
SU4_str	BOBJ1	131.88	Before	Interior Girder 2	19.17	0.95	1	1	9.636999
SU4_str	BOBJ1	131.88	Before	Interior Girder 3	19.17	0.95	1	1	9.02475
SU4_str	BOBJ1	131.88	Before	Interior Girder 4	19.17	0.95	1	1	9.02475
SU4_str	BOBJ1	131.88	Before	Interior Girder 5	19.17	0.95	1	1	9.636999
SU4_str	BOBJ1	131.88	Before	Interior Girder 6	19.17	0.95	1	1	10.727466
SU4_str	BOBJ1	131.88	Before	Right Exterior Girder	19.17	0.95	1	1	12.608661
SU4_str	BOBJ1	131.88	After	Left Exterior Girder	19.17	0.95	1	1	22.030884
SU4_str	BOBJ1	131.88	After	Interior Girder 1	19.17	0.95	1	1	10.217381
SU4_str	BOBJ1	131.88	After	Interior Girder 2	19.17	0.95	1	1	9.121441
SU4_str	BOBJ1	131.88	After	Interior Girder 3	19.17	0.95	1	1	7.726862
SU4_str	BOBJ1	131.88	After	Interior Girder 4	19.17	0.95	1	1	7.726862
SU4_str	BOBJ1	131.88	After	Interior Girder 5	19.17	0.95	1	1	9.121441
SU4_str	BOBJ1	131.88	After	Interior Girder 6	19.17	0.95	1	1	10.217381
SU4_str	BOBJ1	131.88	After	Right Exterior Girder	19.17	0.95	1	1	22.030884
SU4_str	BOBJ1	138.27	Before	Left Exterior Girder	25.56	0.95	1	1	22.318028
SU4_str	BOBJ1	138.27	Before	Interior Girder 1	25.56	0.95	1	1	10.402417
SU4_str	BOBJ1	138.27	Before	Interior Girder 2	25.56	0.95	1	1	9.286945
SU4_str	BOBJ1	138.27	Before	Interior Girder 3	25.56	0.95	1	1	7.867098
SU4_str	BOBJ1	138.27	Before	Interior Girder 4	25.56	0.95	1	1	7.867098
SU4_str	BOBJ1	138.27	Before	Interior Girder 5	25.56	0.95	1	1	9.286945
SU4_str	BOBJ1	138.27	Before	Interior Girder 6	25.56	0.95	1	1	10.402417
SU4_str	BOBJ1	138.27	Before	Right Exterior Girder	25.56	0.95	1	1	22.318028
SU4_str	BOBJ1	138.27	After	Left Exterior Girder	25.56	0.95	1	1	27.046661
SU4_str	BOBJ1	138.27	After	Interior Girder 1	25.56	0.95	1	1	15.409549
SU4_str	BOBJ1	138.27	After	Interior Girder 2	25.56	0.95	1	1	13.794804
SU4_str	BOBJ1	138.27	After	Interior Girder 3	25.56	0.95	1	1	11.935121
SU4_str	BOBJ1	138.27	After	Interior Girder 4	25.56	0.95	1	1	11.935121
SU4_str	BOBJ1	138.27	After	Interior Girder 5	25.56	0.95	1	1	13.794804
SU4_str	BOBJ1	138.27	After	Interior Girder 6	25.56	0.95	1	1	15.409549
SU4_str	BOBJ1	138.27	After	Right Exterior Girder	25.56	0.95	1	1	27.046661
SU4_str	BOBJ1	144.66	Before	Left Exterior Girder	31.95	0.95	1	1	26.709744
SU4_str	BOBJ1	144.66	Before	Interior Girder 1	31.95	0.95	1	1	15.141118
SU4_str	BOBJ1	144.66	Before	Interior Girder 2	31.95	0.95	1	1	13.554583
SU4_str	BOBJ1	144.66	Before	Interior Girder 3	31.95	0.95	1	1	11.727298
SU4_str	BOBJ1	144.66	Before	Interior Girder 4	31.95	0.95	1	1	11.727298
SU4_str	BOBJ1	144.66	Before	Interior Girder 5	31.95	0.95	1	1	13.554583
SU4_str	BOBJ1	144.66	Before	Interior Girder 6	31.95	0.95	1	1	15.141118
SU4_str	BOBJ1	144.66	Before	Right Exterior Girder	31.95	0.95	1	1	26.709744
SU4_str	BOBJ1	144.66	After	Left Exterior Girder	31.95	0.95	1	1	20.344922
SU4_str	BOBJ1	144.66	After	Interior Girder 1	31.95	0.95	1	1	10.114127
SU4_str	BOBJ1	144.66	After	Interior Girder 2	31.95	0.95	1	1	9.039781
SU4_str	BOBJ1	144.66	After	Interior Girder 3	31.95	0.95	1	1	7.680703

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Approach, Span 16-19									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
SU4_str	BOBJ1	144.66	After	Interior Girder 4	31.95	0.95	1	1	7.680703
SU4_str	BOBJ1	144.66	After	Interior Girder 5	31.95	0.95	1	1	9.039781
SU4_str	BOBJ1	144.66	After	Interior Girder 6	31.95	0.95	1	1	10.114127
SU4_str	BOBJ1	144.66	After	Right Exterior Girder	31.95	0.95	1	1	20.344922
SU4_str	BOBJ1	151.05	Before	Left Exterior Girder	38.34	0.95	1	1	20.081586
SU4_str	BOBJ1	151.05	Before	Interior Girder 1	38.34	0.95	1	1	9.933879
SU4_str	BOBJ1	151.05	Before	Interior Girder 2	38.34	0.95	1	1	8.87848
SU4_str	BOBJ1	151.05	Before	Interior Girder 3	38.34	0.95	1	1	7.543631
SU4_str	BOBJ1	151.05	Before	Interior Girder 4	38.34	0.95	1	1	7.543631
SU4_str	BOBJ1	151.05	Before	Interior Girder 5	38.34	0.95	1	1	8.87848
SU4_str	BOBJ1	151.05	Before	Interior Girder 6	38.34	0.95	1	1	9.933879
SU4_str	BOBJ1	151.05	Before	Right Exterior Girder	38.34	0.95	1	1	20.081586
SU4_str	BOBJ1	151.05	After	Left Exterior Girder	38.34	0.95	1	1	11.900985
SU4_str	BOBJ1	151.05	After	Interior Girder 1	38.34	0.95	1	1	10.330142
SU4_str	BOBJ1	151.05	After	Interior Girder 2	38.34	0.95	1	1	9.276585
SU4_str	BOBJ1	151.05	After	Interior Girder 3	38.34	0.95	1	1	8.646104
SU4_str	BOBJ1	151.05	After	Interior Girder 4	38.34	0.95	1	1	8.646104
SU4_str	BOBJ1	151.05	After	Interior Girder 5	38.34	0.95	1	1	9.276585
SU4_str	BOBJ1	151.05	After	Interior Girder 6	38.34	0.95	1	1	10.330142
SU4_str	BOBJ1	151.05	After	Right Exterior Girder	38.34	0.95	1	1	11.900985
SU4_str	BOBJ1	157.4367	Before	Left Exterior Girder	44.7267	0.95	1	1	11.740719
SU4_str	BOBJ1	157.4367	Before	Interior Girder 1	44.7267	0.95	1	1	10.140808
SU4_str	BOBJ1	157.4367	Before	Interior Girder 2	44.7267	0.95	1	1	9.107993
SU4_str	BOBJ1	157.4367	Before	Interior Girder 3	44.7267	0.95	1	1	8.486917
SU4_str	BOBJ1	157.4367	Before	Interior Girder 4	44.7267	0.95	1	1	8.486917
SU4_str	BOBJ1	157.4367	Before	Interior Girder 5	44.7267	0.95	1	1	9.107993
SU4_str	BOBJ1	157.4367	Before	Interior Girder 6	44.7267	0.95	1	1	10.140808
SU4_str	BOBJ1	157.4367	Before	Right Exterior Girder	44.7267	0.95	1	1	11.740719
SU4_str	BOBJ1	157.4367	After	Left Exterior Girder	44.7267	0.95	1	1	9.986404
SU4_str	BOBJ1	157.4367	After	Interior Girder 1	44.7267	0.95	1	1	7.644733
SU4_str	BOBJ1	157.4367	After	Interior Girder 2	44.7267	0.95	1	1	6.913398
SU4_str	BOBJ1	157.4367	After	Interior Girder 3	44.7267	0.95	1	1	5.870387
SU4_str	BOBJ1	157.4367	After	Interior Girder 4	44.7267	0.95	1	1	5.870387
SU4_str	BOBJ1	157.4367	After	Interior Girder 5	44.7267	0.95	1	1	6.913398
SU4_str	BOBJ1	157.4367	After	Interior Girder 6	44.7267	0.95	1	1	7.644733
SU4_str	BOBJ1	157.4367	After	Right Exterior Girder	44.7267	0.95	1	1	9.986404
SU4_str	BOBJ1	158.71	Before	Left Exterior Girder	46	0.95	1	1	9.958617
SU4_str	BOBJ1	158.71	Before	Interior Girder 1	46	0.95	1	1	7.616312
SU4_str	BOBJ1	158.71	Before	Interior Girder 2	46	0.95	1	1	6.887833
SU4_str	BOBJ1	158.71	Before	Interior Girder 3	46	0.95	1	1	5.8483
SU4_str	BOBJ1	158.71	Before	Interior Girder 4	46	0.95	1	1	5.8483
SU4_str	BOBJ1	158.71	Before	Interior Girder 5	46	0.95	1	1	6.887833
SU4_str	BOBJ1	158.71	Before	Interior Girder 6	46	0.95	1	1	7.616312
SU4_str	BOBJ1	158.71	Before	Right Exterior Girder	46	0.95	1	1	9.958617
SU4_str	BOBJ1	158.71	After	Left Exterior Girder	46	0.95	1	1	12.394038
SU4_str	BOBJ1	158.71	After	Interior Girder 1	46	0.95	1	1	8.376348
SU4_str	BOBJ1	158.71	After	Interior Girder 2	46	0.95	1	1	7.694256
SU4_str	BOBJ1	158.71	After	Interior Girder 3	46	0.95	1	1	6.667423
SU4_str	BOBJ1	158.71	After	Interior Girder 4	46	0.95	1	1	6.667423
SU4_str	BOBJ1	158.71	After	Interior Girder 5	46	0.95	1	1	7.694256
SU4_str	BOBJ1	158.71	After	Interior Girder 6	46	0.95	1	1	8.376348
SU4_str	BOBJ1	158.71	After	Right Exterior Girder	46	0.95	1	1	12.394038
SU4_str	BOBJ1	163.8233	Before	Left Exterior Girder	51.1133	0.95	1	1	12.274105
SU4_str	BOBJ1	163.8233	Before	Interior Girder 1	51.1133	0.95	1	1	8.2645
SU4_str	BOBJ1	163.8233	Before	Interior Girder 2	51.1133	0.95	1	1	7.592128
SU4_str	BOBJ1	163.8233	Before	Interior Girder 3	51.1133	0.95	1	1	6.577703
SU4_str	BOBJ1	163.8233	Before	Interior Girder 4	51.1133	0.95	1	1	6.577703
SU4_str	BOBJ1	163.8233	Before	Interior Girder 5	51.1133	0.95	1	1	7.592128
SU4_str	BOBJ1	163.8233	Before	Interior Girder 6	51.1133	0.95	1	1	8.2645
SU4_str	BOBJ1	163.8233	Before	Right Exterior Girder	51.1133	0.95	1	1	12.274105
SU4_str	BOBJ1	163.8233	After	Left Exterior Girder	51.1133	0.95	1	1	9.561228
SU4_str	BOBJ1	163.8233	After	Interior Girder 1	51.1133	0.95	1	1	7.291382
SU4_str	BOBJ1	163.8233	After	Interior Girder 2	51.1133	0.95	1	1	6.258585
SU4_str	BOBJ1	163.8233	After	Interior Girder 3	51.1133	0.95	1	1	5.104455
SU4_str	BOBJ1	163.8233	After	Interior Girder 4	51.1133	0.95	1	1	5.104455

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Approach, Span 16-19									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
SU4_str	BOBJ1	163.8233	After	Interior Girder 5	51.1133	0.95	1	1	6.258585
SU4_str	BOBJ1	163.8233	After	Interior Girder 6	51.1133	0.95	1	1	7.291382
SU4_str	BOBJ1	163.8233	After	Right Exterior Girder	51.1133	0.95	1	1	9.561228
SU4_str	BOBJ1	164.71	Before	Left Exterior Girder	52	0.95	1	1	9.544515
SU4_str	BOBJ1	164.71	Before	Right Exterior Girder	52	0.95	1	1	9.544515
SU4_str	BOBJ1	164.71	After	Left Exterior Girder	52	0.95	1	1	11.279783
SU4_str	BOBJ1	164.71	After	Right Exterior Girder	52	0.95	1	1	11.279783
SU4_str	BOBJ1	170.21	Before	Left Exterior Girder	57.5	0.95	1	1	11.147718
SU4_str	BOBJ1	170.21	Before	Interior Girder 1	57.5	0.95	1	1	6.664221
SU4_str	BOBJ1	170.21	Before	Interior Girder 2	57.5	0.95	1	1	6.153047
SU4_str	BOBJ1	170.21	Before	Interior Girder 3	57.5	0.95	1	1	5.016825
SU4_str	BOBJ1	170.21	Before	Interior Girder 4	57.5	0.95	1	1	5.016825
SU4_str	BOBJ1	170.21	Before	Interior Girder 5	57.5	0.95	1	1	6.153047
SU4_str	BOBJ1	170.21	Before	Interior Girder 6	57.5	0.95	1	1	6.664221
SU4_str	BOBJ1	170.21	Before	Right Exterior Girder	57.5	0.95	1	1	11.147718
SU4_str	BOBJ1	170.21	After	Left Exterior Girder	0	0.95	1	1	10.083231
SU4_str	BOBJ1	170.21	After	Interior Girder 1	0	0.95	1	1	6.276724
SU4_str	BOBJ1	170.21	After	Interior Girder 2	0	0.95	1	1	5.813726
SU4_str	BOBJ1	170.21	After	Interior Girder 3	0	0.95	1	1	4.789507
SU4_str	BOBJ1	170.21	After	Interior Girder 4	0	0.95	1	1	4.789507
SU4_str	BOBJ1	170.21	After	Interior Girder 5	0	0.95	1	1	5.813726
SU4_str	BOBJ1	170.21	After	Interior Girder 6	0	0.95	1	1	6.276724
SU4_str	BOBJ1	170.21	After	Right Exterior Girder	0	0.95	1	1	10.083231
SU4_str	BOBJ1	176.21	Before	Left Exterior Girder	6	0.95	1	1	10.217546
SU4_str	BOBJ1	176.21	Before	Right Exterior Girder	6	0.95	1	1	10.217546
SU4_str	BOBJ1	176.21	After	Left Exterior Girder	6	0.95	1	1	6.684639
SU4_str	BOBJ1	176.21	After	Right Exterior Girder	6	0.95	1	1	6.684639
SU4_str	BOBJ1	176.6	Before	Left Exterior Girder	6.39	0.95	1	1	6.690196
SU4_str	BOBJ1	176.6	Before	Interior Girder 1	6.39	0.95	1	1	7.856446
SU4_str	BOBJ1	176.6	Before	Interior Girder 2	6.39	0.95	1	1	5.915979
SU4_str	BOBJ1	176.6	Before	Interior Girder 3	6.39	0.95	1	1	4.875246
SU4_str	BOBJ1	176.6	Before	Interior Girder 4	6.39	0.95	1	1	4.875246
SU4_str	BOBJ1	176.6	Before	Interior Girder 5	6.39	0.95	1	1	5.915979
SU4_str	BOBJ1	176.6	Before	Interior Girder 6	6.39	0.95	1	1	7.856446
SU4_str	BOBJ1	176.6	Before	Right Exterior Girder	6.39	0.95	1	1	6.690196
SU4_str	BOBJ1	176.6	After	Left Exterior Girder	6.39	0.95	1	1	10.816707
SU4_str	BOBJ1	176.6	After	Interior Girder 1	6.39	0.95	1	1	8.057255
SU4_str	BOBJ1	176.6	After	Interior Girder 2	6.39	0.95	1	1	7.357537
SU4_str	BOBJ1	176.6	After	Interior Girder 3	6.39	0.95	1	1	6.590669
SU4_str	BOBJ1	176.6	After	Interior Girder 4	6.39	0.95	1	1	6.590669
SU4_str	BOBJ1	176.6	After	Interior Girder 5	6.39	0.95	1	1	7.357537
SU4_str	BOBJ1	176.6	After	Interior Girder 6	6.39	0.95	1	1	8.057255
SU4_str	BOBJ1	176.6	After	Right Exterior Girder	6.39	0.95	1	1	10.816707
SU4_str	BOBJ1	182.99	Before	Left Exterior Girder	12.78	0.95	1	1	10.952441
SU4_str	BOBJ1	182.99	Before	Interior Girder 1	12.78	0.95	1	1	8.197031
SU4_str	BOBJ1	182.99	Before	Interior Girder 2	12.78	0.95	1	1	7.484172
SU4_str	BOBJ1	182.99	Before	Interior Girder 3	12.78	0.95	1	1	6.705575
SU4_str	BOBJ1	182.99	Before	Interior Girder 4	12.78	0.95	1	1	6.705575
SU4_str	BOBJ1	182.99	Before	Interior Girder 5	12.78	0.95	1	1	7.484172
SU4_str	BOBJ1	182.99	Before	Interior Girder 6	12.78	0.95	1	1	8.197031
SU4_str	BOBJ1	182.99	Before	Right Exterior Girder	12.78	0.95	1	1	10.952441
SU4_str	BOBJ1	182.99	After	Left Exterior Girder	12.78	0.95	1	1	12.202249
SU4_str	BOBJ1	182.99	After	Interior Girder 1	12.78	0.95	1	1	10.462782
SU4_str	BOBJ1	182.99	After	Interior Girder 2	12.78	0.95	1	1	9.424597
SU4_str	BOBJ1	182.99	After	Interior Girder 3	12.78	0.95	1	1	8.812442
SU4_str	BOBJ1	182.99	After	Interior Girder 4	12.78	0.95	1	1	8.812442
SU4_str	BOBJ1	182.99	After	Interior Girder 5	12.78	0.95	1	1	9.424597
SU4_str	BOBJ1	182.99	After	Interior Girder 6	12.78	0.95	1	1	10.462782
SU4_str	BOBJ1	182.99	After	Right Exterior Girder	12.78	0.95	1	1	12.202249
SU4_str	BOBJ1	189.38	Before	Left Exterior Girder	19.17	0.95	1	1	12.349933
SU4_str	BOBJ1	189.38	Before	Interior Girder 1	19.17	0.95	1	1	10.640473
SU4_str	BOBJ1	189.38	Before	Interior Girder 2	19.17	0.95	1	1	9.583202
SU4_str	BOBJ1	189.38	Before	Interior Girder 3	19.17	0.95	1	1	8.962331
SU4_str	BOBJ1	189.38	Before	Interior Girder 4	19.17	0.95	1	1	8.962331
SU4_str	BOBJ1	189.38	Before	Interior Girder 5	19.17	0.95	1	1	9.583202

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Approach, Span 16-19									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
SU4_str	BOBJ1	189.38	Before	Interior Girder 6	19.17	0.95	1	1	10.640473
SU4_str	BOBJ1	189.38	Before	Right Exterior Girder	19.17	0.95	1	1	12.349933
SU4_str	BOBJ1	189.38	After	Left Exterior Girder	19.17	0.95	1	1	19.254892
SU4_str	BOBJ1	189.38	After	Interior Girder 1	19.17	0.95	1	1	9.993047
SU4_str	BOBJ1	189.38	After	Interior Girder 2	19.17	0.95	1	1	9.057934
SU4_str	BOBJ1	189.38	After	Interior Girder 3	19.17	0.95	1	1	7.761645
SU4_str	BOBJ1	189.38	After	Interior Girder 4	19.17	0.95	1	1	7.761645
SU4_str	BOBJ1	189.38	After	Interior Girder 5	19.17	0.95	1	1	9.057934
SU4_str	BOBJ1	189.38	After	Interior Girder 6	19.17	0.95	1	1	9.993047
SU4_str	BOBJ1	189.38	After	Right Exterior Girder	19.17	0.95	1	1	19.254892
SU4_str	BOBJ1	195.77	Before	Left Exterior Girder	25.56	0.95	1	1	19.480419
SU4_str	BOBJ1	195.77	Before	Interior Girder 1	25.56	0.95	1	1	10.158352
SU4_str	BOBJ1	195.77	Before	Interior Girder 2	25.56	0.95	1	1	9.207587
SU4_str	BOBJ1	195.77	Before	Interior Girder 3	25.56	0.95	1	1	7.889819
SU4_str	BOBJ1	195.77	Before	Interior Girder 4	25.56	0.95	1	1	7.889819
SU4_str	BOBJ1	195.77	Before	Interior Girder 5	25.56	0.95	1	1	9.207587
SU4_str	BOBJ1	195.77	Before	Interior Girder 6	25.56	0.95	1	1	10.158352
SU4_str	BOBJ1	195.77	Before	Right Exterior Girder	25.56	0.95	1	1	19.480419
SU4_str	BOBJ1	195.77	After	Left Exterior Girder	25.56	0.95	1	1	24.041283
SU4_str	BOBJ1	195.77	After	Interior Girder 1	25.56	0.95	1	1	14.144828
SU4_str	BOBJ1	195.77	After	Interior Girder 2	25.56	0.95	1	1	12.936921
SU4_str	BOBJ1	195.77	After	Interior Girder 3	25.56	0.95	1	1	11.299675
SU4_str	BOBJ1	195.77	After	Interior Girder 4	25.56	0.95	1	1	11.299675
SU4_str	BOBJ1	195.77	After	Interior Girder 5	25.56	0.95	1	1	12.936921
SU4_str	BOBJ1	195.77	After	Interior Girder 6	25.56	0.95	1	1	14.144828
SU4_str	BOBJ1	195.77	After	Right Exterior Girder	25.56	0.95	1	1	24.041283
SU4_str	BOBJ1	202.16	Before	Left Exterior Girder	31.95	0.95	1	1	24.313685
SU4_str	BOBJ1	202.16	Before	Interior Girder 1	31.95	0.95	1	1	14.373981
SU4_str	BOBJ1	202.16	Before	Interior Girder 2	31.95	0.95	1	1	13.145904
SU4_str	BOBJ1	202.16	Before	Interior Girder 3	31.95	0.95	1	1	11.48211
SU4_str	BOBJ1	202.16	Before	Interior Girder 4	31.95	0.95	1	1	11.48211
SU4_str	BOBJ1	202.16	Before	Interior Girder 5	31.95	0.95	1	1	13.145904
SU4_str	BOBJ1	202.16	Before	Interior Girder 6	31.95	0.95	1	1	14.373981
SU4_str	BOBJ1	202.16	Before	Right Exterior Girder	31.95	0.95	1	1	24.313685
SU4_str	BOBJ1	202.16	After	Left Exterior Girder	31.95	0.95	1	1	34.606851
SU4_str	BOBJ1	202.16	After	Interior Girder 1	31.95	0.95	1	1	13.930783
SU4_str	BOBJ1	202.16	After	Interior Girder 2	31.95	0.95	1	1	12.115895
SU4_str	BOBJ1	202.16	After	Interior Girder 3	31.95	0.95	1	1	10.230948
SU4_str	BOBJ1	202.16	After	Interior Girder 4	31.95	0.95	1	1	10.230948
SU4_str	BOBJ1	202.16	After	Interior Girder 5	31.95	0.95	1	1	12.115895
SU4_str	BOBJ1	202.16	After	Interior Girder 6	31.95	0.95	1	1	13.930783
SU4_str	BOBJ1	202.16	After	Right Exterior Girder	31.95	0.95	1	1	34.606851
SU4_str	BOBJ1	208.55	Before	Left Exterior Girder	38.34	0.95	1	1	34.760421
SU4_str	BOBJ1	208.55	Before	Interior Girder 1	38.34	0.95	1	1	13.714259
SU4_str	BOBJ1	208.55	Before	Interior Girder 2	38.34	0.95	1	1	11.926775
SU4_str	BOBJ1	208.55	Before	Interior Girder 3	38.34	0.95	1	1	10.071221
SU4_str	BOBJ1	208.55	Before	Interior Girder 4	38.34	0.95	1	1	10.071221
SU4_str	BOBJ1	208.55	Before	Interior Girder 5	38.34	0.95	1	1	11.926775
SU4_str	BOBJ1	208.55	Before	Interior Girder 6	38.34	0.95	1	1	13.714259
SU4_str	BOBJ1	208.55	Before	Right Exterior Girder	38.34	0.95	1	1	34.760421
SU4_str	BOBJ1	208.55	After	Left Exterior Girder	38.34	0.95	1	1	18.580473
SU4_str	BOBJ1	208.55	After	Interior Girder 1	38.34	0.95	1	1	15.556341
SU4_str	BOBJ1	208.55	After	Interior Girder 2	38.34	0.95	1	1	14.002841
SU4_str	BOBJ1	208.55	After	Interior Girder 3	38.34	0.95	1	1	13.529681
SU4_str	BOBJ1	208.55	After	Interior Girder 4	38.34	0.95	1	1	13.529681
SU4_str	BOBJ1	208.55	After	Interior Girder 5	38.34	0.95	1	1	14.002841
SU4_str	BOBJ1	208.55	After	Interior Girder 6	38.34	0.95	1	1	15.556341
SU4_str	BOBJ1	208.55	After	Right Exterior Girder	38.34	0.95	1	1	18.580473
SU4_str	BOBJ1	215.1233	Before	Left Exterior Girder	44.9133	0.95	1	1	18.366613
SU4_str	BOBJ1	215.1233	Before	Interior Girder 1	44.9133	0.95	1	1	15.299484
SU4_str	BOBJ1	215.1233	Before	Interior Girder 2	44.9133	0.95	1	1	13.773106
SU4_str	BOBJ1	215.1233	Before	Interior Girder 3	44.9133	0.95	1	1	13.307351
SU4_str	BOBJ1	215.1233	Before	Interior Girder 4	44.9133	0.95	1	1	13.307351
SU4_str	BOBJ1	215.1233	Before	Interior Girder 5	44.9133	0.95	1	1	13.773106
SU4_str	BOBJ1	215.1233	Before	Interior Girder 6	44.9133	0.95	1	1	15.299484

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Approach, Span 16-19									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
SU4_str	BOBJ1	215.1233	Before	Right Exterior Girder	44.9133	0.95	1	1	18.366613
SU4_str	BOBJ1	215.1233	After	Left Exterior Girder	44.9133	0.95	1	1	15.190926
SU4_str	BOBJ1	215.1233	After	Interior Girder 1	44.9133	0.95	1	1	10.998586
SU4_str	BOBJ1	215.1233	After	Interior Girder 2	44.9133	0.95	1	1	10.008888
SU4_str	BOBJ1	215.1233	After	Interior Girder 3	44.9133	0.95	1	1	9.443831
SU4_str	BOBJ1	215.1233	After	Interior Girder 4	44.9133	0.95	1	1	9.443831
SU4_str	BOBJ1	215.1233	After	Interior Girder 5	44.9133	0.95	1	1	10.008888
SU4_str	BOBJ1	215.1233	After	Interior Girder 6	44.9133	0.95	1	1	10.998586
SU4_str	BOBJ1	215.1233	After	Right Exterior Girder	44.9133	0.95	1	1	15.190926
SU4_str	BOBJ1	221.6967	Before	Left Exterior Girder	51.4867	0.95	1	1	15.010143
SU4_str	BOBJ1	221.6967	Before	Interior Girder 1	51.4867	0.95	1	1	10.812999
SU4_str	BOBJ1	221.6967	Before	Interior Girder 2	51.4867	0.95	1	1	9.840901
SU4_str	BOBJ1	221.6967	Before	Interior Girder 3	51.4867	0.95	1	1	9.285033
SU4_str	BOBJ1	221.6967	Before	Interior Girder 4	51.4867	0.95	1	1	9.285033
SU4_str	BOBJ1	221.6967	Before	Interior Girder 5	51.4867	0.95	1	1	9.840901
SU4_str	BOBJ1	221.6967	Before	Interior Girder 6	51.4867	0.95	1	1	10.812999
SU4_str	BOBJ1	221.6967	Before	Right Exterior Girder	51.4867	0.95	1	1	15.010143
SU4_str	BOBJ1	221.6967	After	Left Exterior Girder	51.4867	0.95	1	1	13.117423
SU4_str	BOBJ1	221.6967	After	Interior Girder 1	51.4867	0.95	1	1	7.841453
SU4_str	BOBJ1	221.6967	After	Interior Girder 2	51.4867	0.95	1	1	7.278794
SU4_str	BOBJ1	221.6967	After	Interior Girder 3	51.4867	0.95	1	1	6.323182
SU4_str	BOBJ1	221.6967	After	Interior Girder 4	51.4867	0.95	1	1	6.323182
SU4_str	BOBJ1	221.6967	After	Interior Girder 5	51.4867	0.95	1	1	7.278794
SU4_str	BOBJ1	221.6967	After	Interior Girder 6	51.4867	0.95	1	1	7.841453
SU4_str	BOBJ1	221.6967	After	Right Exterior Girder	51.4867	0.95	1	1	13.117423
SU4_str	BOBJ1	228.27	Before	Left Exterior Girder	58.06	0.95	1	1	12.955644
SU4_str	BOBJ1	228.27	Before	Interior Girder 1	58.06	0.95	1	1	7.70633
SU4_str	BOBJ1	228.27	Before	Interior Girder 2	58.06	0.95	1	1	7.153832
SU4_str	BOBJ1	228.27	Before	Interior Girder 3	58.06	0.95	1	1	6.214255
SU4_str	BOBJ1	228.27	Before	Interior Girder 4	58.06	0.95	1	1	6.214255
SU4_str	BOBJ1	228.27	Before	Interior Girder 5	58.06	0.95	1	1	7.153832
SU4_str	BOBJ1	228.27	Before	Interior Girder 6	58.06	0.95	1	1	7.70633
SU4_str	BOBJ1	228.27	Before	Right Exterior Girder	58.06	0.95	1	1	12.955644
SU5_str	BOBJ1	0	After	Left Exterior Girder	0	0.95	1	1	10.501135
SU5_str	BOBJ1	0	After	Interior Girder 1	0	0.95	1	1	6.472463
SU5_str	BOBJ1	0	After	Interior Girder 2	0	0.95	1	1	6.028341
SU5_str	BOBJ1	0	After	Interior Girder 3	0	0.95	1	1	5.205857
SU5_str	BOBJ1	0	After	Interior Girder 4	0	0.95	1	1	5.205857
SU5_str	BOBJ1	0	After	Interior Girder 5	0	0.95	1	1	6.028341
SU5_str	BOBJ1	0	After	Interior Girder 6	0	0.95	1	1	6.472463
SU5_str	BOBJ1	0	After	Right Exterior Girder	0	0.95	1	1	10.501135
SU5_str	BOBJ1	5.3833	Before	Left Exterior Girder	5.3833	0.95	1	1	10.621155
SU5_str	BOBJ1	5.3833	Before	Interior Girder 1	5.3833	0.95	1	1	6.573998
SU5_str	BOBJ1	5.3833	Before	Interior Girder 2	5.3833	0.95	1	1	6.122599
SU5_str	BOBJ1	5.3833	Before	Interior Girder 3	5.3833	0.95	1	1	5.28765
SU5_str	BOBJ1	5.3833	Before	Interior Girder 4	5.3833	0.95	1	1	5.28765
SU5_str	BOBJ1	5.3833	Before	Interior Girder 5	5.3833	0.95	1	1	6.122599
SU5_str	BOBJ1	5.3833	Before	Interior Girder 6	5.3833	0.95	1	1	6.573998
SU5_str	BOBJ1	5.3833	Before	Right Exterior Girder	5.3833	0.95	1	1	10.621155
SU5_str	BOBJ1	5.3833	After	Left Exterior Girder	5.3833	0.95	1	1	12.595905
SU5_str	BOBJ1	5.3833	After	Interior Girder 1	5.3833	0.95	1	1	9.121615
SU5_str	BOBJ1	5.3833	After	Interior Girder 2	5.3833	0.95	1	1	8.243621
SU5_str	BOBJ1	5.3833	After	Interior Girder 3	5.3833	0.95	1	1	7.764822
SU5_str	BOBJ1	5.3833	After	Interior Girder 4	5.3833	0.95	1	1	7.764822
SU5_str	BOBJ1	5.3833	After	Interior Girder 5	5.3833	0.95	1	1	8.243621
SU5_str	BOBJ1	5.3833	After	Interior Girder 6	5.3833	0.95	1	1	9.121615
SU5_str	BOBJ1	5.3833	After	Right Exterior Girder	5.3833	0.95	1	1	12.595905
SU5_str	BOBJ1	10.7667	Before	Left Exterior Girder	10.7667	0.95	1	1	12.734973
SU5_str	BOBJ1	10.7667	Before	Interior Girder 1	10.7667	0.95	1	1	9.261979
SU5_str	BOBJ1	10.7667	Before	Interior Girder 2	10.7667	0.95	1	1	8.369805
SU5_str	BOBJ1	10.7667	Before	Interior Girder 3	10.7667	0.95	1	1	7.884167
SU5_str	BOBJ1	10.7667	Before	Interior Girder 4	10.7667	0.95	1	1	7.884167
SU5_str	BOBJ1	10.7667	Before	Interior Girder 5	10.7667	0.95	1	1	8.369805
SU5_str	BOBJ1	10.7667	Before	Interior Girder 6	10.7667	0.95	1	1	9.261979
SU5_str	BOBJ1	10.7667	Before	Right Exterior Girder	10.7667	0.95	1	1	12.734973

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Approach, Span 16-19									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
SU5_str	BOBJ1	10.7667	After	Left Exterior Girder	10.7667	0.95	1	1	16.023406
SU5_str	BOBJ1	10.7667	After	Interior Girder 1	10.7667	0.95	1	1	12.96238
SU5_str	BOBJ1	10.7667	After	Interior Girder 2	10.7667	0.95	1	1	11.563584
SU5_str	BOBJ1	10.7667	After	Interior Girder 3	10.7667	0.95	1	1	11.046976
SU5_str	BOBJ1	10.7667	After	Interior Girder 4	10.7667	0.95	1	1	11.046976
SU5_str	BOBJ1	10.7667	After	Interior Girder 5	10.7667	0.95	1	1	11.563584
SU5_str	BOBJ1	10.7667	After	Interior Girder 6	10.7667	0.95	1	1	12.96238
SU5_str	BOBJ1	10.7667	After	Right Exterior Girder	10.7667	0.95	1	1	16.023406
SU5_str	BOBJ1	16.15	Before	Left Exterior Girder	16.15	0.95	1	1	16.194625
SU5_str	BOBJ1	16.15	Before	Interior Girder 1	16.15	0.95	1	1	13.157936
SU5_str	BOBJ1	16.15	Before	Interior Girder 2	16.15	0.95	1	1	11.736926
SU5_str	BOBJ1	16.15	Before	Interior Girder 3	16.15	0.95	1	1	11.213197
SU5_str	BOBJ1	16.15	Before	Interior Girder 4	16.15	0.95	1	1	11.213197
SU5_str	BOBJ1	16.15	Before	Interior Girder 5	16.15	0.95	1	1	11.736926
SU5_str	BOBJ1	16.15	Before	Interior Girder 6	16.15	0.95	1	1	13.157936
SU5_str	BOBJ1	16.15	Before	Right Exterior Girder	16.15	0.95	1	1	16.194625
SU5_str	BOBJ1	16.15	After	Left Exterior Girder	16.15	0.95	1	1	28.120921
SU5_str	BOBJ1	16.15	After	Interior Girder 1	16.15	0.95	1	1	12.789394
SU5_str	BOBJ1	16.15	After	Interior Girder 2	16.15	0.95	1	1	11.082347
SU5_str	BOBJ1	16.15	After	Interior Girder 3	16.15	0.95	1	1	9.373597
SU5_str	BOBJ1	16.15	After	Interior Girder 4	16.15	0.95	1	1	9.373597
SU5_str	BOBJ1	16.15	After	Interior Girder 5	16.15	0.95	1	1	11.082347
SU5_str	BOBJ1	16.15	After	Interior Girder 6	16.15	0.95	1	1	12.789394
SU5_str	BOBJ1	16.15	After	Right Exterior Girder	16.15	0.95	1	1	28.120921
SU5_str	BOBJ1	22.1267	Before	Left Exterior Girder	22.1267	0.95	1	1	27.787906
SU5_str	BOBJ1	22.1267	Before	Interior Girder 1	22.1267	0.95	1	1	12.997124
SU5_str	BOBJ1	22.1267	Before	Interior Girder 2	22.1267	0.95	1	1	11.263347
SU5_str	BOBJ1	22.1267	Before	Interior Girder 3	22.1267	0.95	1	1	9.526614
SU5_str	BOBJ1	22.1267	Before	Interior Girder 4	22.1267	0.95	1	1	9.526614
SU5_str	BOBJ1	22.1267	Before	Interior Girder 5	22.1267	0.95	1	1	11.263347
SU5_str	BOBJ1	22.1267	Before	Interior Girder 6	22.1267	0.95	1	1	12.997124
SU5_str	BOBJ1	22.1267	Before	Right Exterior Girder	22.1267	0.95	1	1	27.787906
SU5_str	BOBJ1	22.1267	After	Left Exterior Girder	22.1267	0.95	1	1	18.820873
SU5_str	BOBJ1	22.1267	After	Interior Girder 1	22.1267	0.95	1	1	11.770421
SU5_str	BOBJ1	22.1267	After	Interior Girder 2	22.1267	0.95	1	1	10.77282
SU5_str	BOBJ1	22.1267	After	Interior Girder 3	22.1267	0.95	1	1	9.332155
SU5_str	BOBJ1	22.1267	After	Interior Girder 4	22.1267	0.95	1	1	9.332155
SU5_str	BOBJ1	22.1267	After	Interior Girder 5	22.1267	0.95	1	1	10.77282
SU5_str	BOBJ1	22.1267	After	Interior Girder 6	22.1267	0.95	1	1	11.770421
SU5_str	BOBJ1	22.1267	After	Right Exterior Girder	22.1267	0.95	1	1	18.820873
SU5_str	BOBJ1	28.1033	Before	Left Exterior Girder	28.1033	0.95	1	1	18.589773
SU5_str	BOBJ1	28.1033	Before	Interior Girder 1	28.1033	0.95	1	1	11.570685
SU5_str	BOBJ1	28.1033	Before	Interior Girder 2	28.1033	0.95	1	1	10.590798
SU5_str	BOBJ1	28.1033	Before	Interior Girder 3	28.1033	0.95	1	1	9.174385
SU5_str	BOBJ1	28.1033	Before	Interior Girder 4	28.1033	0.95	1	1	9.174385
SU5_str	BOBJ1	28.1033	Before	Interior Girder 5	28.1033	0.95	1	1	10.590798
SU5_str	BOBJ1	28.1033	Before	Interior Girder 6	28.1033	0.95	1	1	11.570685
SU5_str	BOBJ1	28.1033	Before	Right Exterior Girder	28.1033	0.95	1	1	18.589773
SU5_str	BOBJ1	28.1033	After	Left Exterior Girder	28.1033	0.95	1	1	13.825021
SU5_str	BOBJ1	28.1033	After	Interior Girder 1	28.1033	0.95	1	1	7.865939
SU5_str	BOBJ1	28.1033	After	Interior Girder 2	28.1033	0.95	1	1	7.154273
SU5_str	BOBJ1	28.1033	After	Interior Girder 3	28.1033	0.95	1	1	6.110017
SU5_str	BOBJ1	28.1033	After	Interior Girder 4	28.1033	0.95	1	1	6.110017
SU5_str	BOBJ1	28.1033	After	Interior Girder 5	28.1033	0.95	1	1	7.154273
SU5_str	BOBJ1	28.1033	After	Interior Girder 6	28.1033	0.95	1	1	7.865939
SU5_str	BOBJ1	28.1033	After	Right Exterior Girder	28.1033	0.95	1	1	13.825021
SU5_str	BOBJ1	34.08	Before	Left Exterior Girder	34.08	0.95	1	1	13.648668
SU5_str	BOBJ1	34.08	Before	Interior Girder 1	34.08	0.95	1	1	7.729516
SU5_str	BOBJ1	34.08	Before	Interior Girder 2	34.08	0.95	1	1	7.030538
SU5_str	BOBJ1	34.08	Before	Interior Girder 3	34.08	0.95	1	1	6.004189
SU5_str	BOBJ1	34.08	Before	Interior Girder 4	34.08	0.95	1	1	6.004189
SU5_str	BOBJ1	34.08	Before	Interior Girder 5	34.08	0.95	1	1	7.030538
SU5_str	BOBJ1	34.08	Before	Interior Girder 6	34.08	0.95	1	1	7.729516
SU5_str	BOBJ1	34.08	Before	Right Exterior Girder	34.08	0.95	1	1	13.648668
SU5_str	BOBJ1	34.08	After	Left Exterior Girder	34.08	0.95	1	1	8.974866

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Approach, Span 16-19									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
SU5_str	BOBJ1	34.08	After	Interior Girder 1	34.08	0.95	1	1	7.321452
SU5_str	BOBJ1	34.08	After	Interior Girder 2	34.08	0.95	1	1	6.647899
SU5_str	BOBJ1	34.08	After	Interior Girder 3	34.08	0.95	1	1	5.956758
SU5_str	BOBJ1	34.08	After	Interior Girder 4	34.08	0.95	1	1	5.956758
SU5_str	BOBJ1	34.08	After	Interior Girder 5	34.08	0.95	1	1	6.647899
SU5_str	BOBJ1	34.08	After	Interior Girder 6	34.08	0.95	1	1	7.321452
SU5_str	BOBJ1	34.08	After	Right Exterior Girder	34.08	0.95	1	1	8.974866
SU5_str	BOBJ1	39.855	Before	Left Exterior Girder	39.855	0.95	1	1	8.859296
SU5_str	BOBJ1	39.855	Before	Interior Girder 1	39.855	0.95	1	1	7.195936
SU5_str	BOBJ1	39.855	Before	Interior Girder 2	39.855	0.95	1	1	6.535253
SU5_str	BOBJ1	39.855	Before	Interior Girder 3	39.855	0.95	1	1	5.853413
SU5_str	BOBJ1	39.855	Before	Interior Girder 4	39.855	0.95	1	1	5.853413
SU5_str	BOBJ1	39.855	Before	Interior Girder 5	39.855	0.95	1	1	6.535253
SU5_str	BOBJ1	39.855	Before	Interior Girder 6	39.855	0.95	1	1	7.195936
SU5_str	BOBJ1	39.855	Before	Right Exterior Girder	39.855	0.95	1	1	8.859296
SU5_str	BOBJ1	39.855	After	Left Exterior Girder	39.855	0.95	1	1	5.251977
SU5_str	BOBJ1	39.855	After	Interior Girder 1	39.855	0.95	1	1	7.078907
SU5_str	BOBJ1	39.855	After	Interior Girder 2	39.855	0.95	1	1	5.164175
SU5_str	BOBJ1	39.855	After	Interior Girder 3	39.855	0.95	1	1	4.259493
SU5_str	BOBJ1	39.855	After	Interior Girder 4	39.855	0.95	1	1	4.259493
SU5_str	BOBJ1	39.855	After	Interior Girder 5	39.855	0.95	1	1	5.164175
SU5_str	BOBJ1	39.855	After	Interior Girder 6	39.855	0.95	1	1	7.078907
SU5_str	BOBJ1	39.855	After	Right Exterior Girder	39.855	0.95	1	1	5.251977
SU5_str	BOBJ1	40.0288	Before	Left Exterior Girder	40.0288	0.95	1	1	5.249721
SU5_str	BOBJ1	40.0288	Before	Right Exterior Girder	40.0288	0.95	1	1	5.249721
SU5_str	BOBJ1	40.0288	After	Left Exterior Girder	40.0288	0.95	1	1	7.745087
SU5_str	BOBJ1	40.0288	After	Right Exterior Girder	40.0288	0.95	1	1	7.745087
SU5_str	BOBJ1	45.63	Before	Left Exterior Girder	45.63	0.95	1	1	7.63843
SU5_str	BOBJ1	45.63	Before	Interior Girder 1	45.63	0.95	1	1	5.474491
SU5_str	BOBJ1	45.63	Before	Interior Girder 2	45.63	0.95	1	1	5.074786
SU5_str	BOBJ1	45.63	Before	Interior Girder 3	45.63	0.95	1	1	4.183598
SU5_str	BOBJ1	45.63	Before	Interior Girder 4	45.63	0.95	1	1	4.183598
SU5_str	BOBJ1	45.63	Before	Interior Girder 5	45.63	0.95	1	1	5.074786
SU5_str	BOBJ1	45.63	Before	Interior Girder 6	45.63	0.95	1	1	5.474491
SU5_str	BOBJ1	45.63	Before	Right Exterior Girder	45.63	0.95	1	1	7.63843
SU5_str	BOBJ1	45.63	After	Left Exterior Girder	0	0.95	1	1	6.530243
SU5_str	BOBJ1	45.63	After	Interior Girder 1	0	0.95	1	1	5.168846
SU5_str	BOBJ1	45.63	After	Interior Girder 2	0	0.95	1	1	4.758553
SU5_str	BOBJ1	45.63	After	Interior Girder 3	0	0.95	1	1	3.998489
SU5_str	BOBJ1	45.63	After	Interior Girder 4	0	0.95	1	1	3.998489
SU5_str	BOBJ1	45.63	After	Interior Girder 5	0	0.95	1	1	4.758553
SU5_str	BOBJ1	45.63	After	Interior Girder 6	0	0.95	1	1	5.168846
SU5_str	BOBJ1	45.63	After	Right Exterior Girder	0	0.95	1	1	6.530243
SU5_str	BOBJ1	50.6298	Before	Left Exterior Girder	4.9998	0.95	1	1	6.613383
SU5_str	BOBJ1	50.6298	Before	Right Exterior Girder	4.9998	0.95	1	1	6.613383
SU5_str	BOBJ1	50.6298	After	Left Exterior Girder	4.9998	0.95	1	1	4.931874
SU5_str	BOBJ1	50.6298	After	Right Exterior Girder	4.9998	0.95	1	1	4.931874
SU5_str	BOBJ1	51.4	Before	Left Exterior Girder	5.77	0.95	1	1	4.941405
SU5_str	BOBJ1	51.4	Before	Interior Girder 1	5.77	0.95	1	1	6.238365
SU5_str	BOBJ1	51.4	Before	Interior Girder 2	5.77	0.95	1	1	4.843732
SU5_str	BOBJ1	51.4	Before	Interior Girder 3	5.77	0.95	1	1	4.072195
SU5_str	BOBJ1	51.4	Before	Interior Girder 4	5.77	0.95	1	1	4.072195
SU5_str	BOBJ1	51.4	Before	Interior Girder 5	5.77	0.95	1	1	4.843732
SU5_str	BOBJ1	51.4	Before	Interior Girder 6	5.77	0.95	1	1	6.238365
SU5_str	BOBJ1	51.4	Before	Right Exterior Girder	5.77	0.95	1	1	4.941405
SU5_str	BOBJ1	51.4	After	Left Exterior Girder	5.77	0.95	1	1	7.170723
SU5_str	BOBJ1	51.4	After	Interior Girder 1	5.77	0.95	1	1	6.485657
SU5_str	BOBJ1	51.4	After	Interior Girder 2	5.77	0.95	1	1	5.943189
SU5_str	BOBJ1	51.4	After	Interior Girder 3	5.77	0.95	1	1	5.337753
SU5_str	BOBJ1	51.4	After	Interior Girder 4	5.77	0.95	1	1	5.337753
SU5_str	BOBJ1	51.4	After	Interior Girder 5	5.77	0.95	1	1	5.943189
SU5_str	BOBJ1	51.4	After	Interior Girder 6	5.77	0.95	1	1	6.485657
SU5_str	BOBJ1	51.4	After	Right Exterior Girder	5.77	0.95	1	1	7.170723
SU5_str	BOBJ1	57.17	Before	Left Exterior Girder	11.54	0.95	1	1	7.266047
SU5_str	BOBJ1	57.17	Before	Interior Girder 1	11.54	0.95	1	1	6.600586

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Approach, Span 16-19									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
SU5_str	BOBJ1	57.17	Before	Interior Girder 2	11.54	0.95	1	1	6.047243
SU5_str	BOBJ1	57.17	Before	Interior Girder 3	11.54	0.95	1	1	5.433466
SU5_str	BOBJ1	57.17	Before	Interior Girder 4	11.54	0.95	1	1	5.433466
SU5_str	BOBJ1	57.17	Before	Interior Girder 5	11.54	0.95	1	1	6.047243
SU5_str	BOBJ1	57.17	Before	Interior Girder 6	11.54	0.95	1	1	6.600586
SU5_str	BOBJ1	57.17	Before	Right Exterior Girder	11.54	0.95	1	1	7.266047
SU5_str	BOBJ1	57.17	After	Left Exterior Girder	11.54	0.95	1	1	10.268188
SU5_str	BOBJ1	57.17	After	Interior Girder 1	11.54	0.95	1	1	6.588747
SU5_str	BOBJ1	57.17	After	Interior Girder 2	11.54	0.95	1	1	6.205447
SU5_str	BOBJ1	57.17	After	Interior Girder 3	11.54	0.95	1	1	5.472804
SU5_str	BOBJ1	57.17	After	Interior Girder 4	11.54	0.95	1	1	5.472804
SU5_str	BOBJ1	57.17	After	Interior Girder 5	11.54	0.95	1	1	6.205447
SU5_str	BOBJ1	57.17	After	Interior Girder 6	11.54	0.95	1	1	6.588747
SU5_str	BOBJ1	57.17	After	Right Exterior Girder	11.54	0.95	1	1	10.268188
SU5_str	BOBJ1	63.34	Before	Left Exterior Girder	17.71	0.95	1	1	10.407669
SU5_str	BOBJ1	63.34	Before	Interior Girder 1	17.71	0.95	1	1	6.710961
SU5_str	BOBJ1	63.34	Before	Interior Girder 2	17.71	0.95	1	1	6.319986
SU5_str	BOBJ1	63.34	Before	Interior Girder 3	17.71	0.95	1	1	5.573866
SU5_str	BOBJ1	63.34	Before	Interior Girder 4	17.71	0.95	1	1	5.573866
SU5_str	BOBJ1	63.34	Before	Interior Girder 5	17.71	0.95	1	1	6.319986
SU5_str	BOBJ1	63.34	Before	Interior Girder 6	17.71	0.95	1	1	6.710961
SU5_str	BOBJ1	63.34	Before	Right Exterior Girder	17.71	0.95	1	1	10.407669
SU5_str	BOBJ1	63.34	After	Left Exterior Girder	17.71	0.95	1	1	11.863091
SU5_str	BOBJ1	63.34	After	Interior Girder 1	17.71	0.95	1	1	8.791842
SU5_str	BOBJ1	63.34	After	Interior Girder 2	17.71	0.95	1	1	8.18314
SU5_str	BOBJ1	63.34	After	Interior Girder 3	17.71	0.95	1	1	7.749759
SU5_str	BOBJ1	63.34	After	Interior Girder 4	17.71	0.95	1	1	7.749759
SU5_str	BOBJ1	63.34	After	Interior Girder 5	17.71	0.95	1	1	8.18314
SU5_str	BOBJ1	63.34	After	Interior Girder 6	17.71	0.95	1	1	8.791842
SU5_str	BOBJ1	63.34	After	Right Exterior Girder	17.71	0.95	1	1	11.863091
SU5_str	BOBJ1	69.51	Before	Left Exterior Girder	23.88	0.95	1	1	12.017841
SU5_str	BOBJ1	69.51	Before	Interior Girder 1	23.88	0.95	1	1	8.951173
SU5_str	BOBJ1	69.51	Before	Interior Girder 2	23.88	0.95	1	1	8.330459
SU5_str	BOBJ1	69.51	Before	Interior Girder 3	23.88	0.95	1	1	7.889219
SU5_str	BOBJ1	69.51	Before	Interior Girder 4	23.88	0.95	1	1	7.889219
SU5_str	BOBJ1	69.51	Before	Interior Girder 5	23.88	0.95	1	1	8.330459
SU5_str	BOBJ1	69.51	Before	Interior Girder 6	23.88	0.95	1	1	8.951173
SU5_str	BOBJ1	69.51	Before	Right Exterior Girder	23.88	0.95	1	1	12.017841
SU5_str	BOBJ1	69.51	After	Left Exterior Girder	23.88	0.95	1	1	14.280452
SU5_str	BOBJ1	69.51	After	Interior Girder 1	23.88	0.95	1	1	12.023002
SU5_str	BOBJ1	69.51	After	Interior Girder 2	23.88	0.95	1	1	11.049836
SU5_str	BOBJ1	69.51	After	Interior Girder 3	23.88	0.95	1	1	10.042341
SU5_str	BOBJ1	69.51	After	Interior Girder 4	23.88	0.95	1	1	10.042341
SU5_str	BOBJ1	69.51	After	Interior Girder 5	23.88	0.95	1	1	11.049836
SU5_str	BOBJ1	69.51	After	Interior Girder 6	23.88	0.95	1	1	12.023002
SU5_str	BOBJ1	69.51	After	Right Exterior Girder	23.88	0.95	1	1	14.280452
SU5_str	BOBJ1	75.68	Before	Left Exterior Girder	30.05	0.95	1	1	14.459749
SU5_str	BOBJ1	75.68	Before	Interior Girder 1	30.05	0.95	1	1	12.235841
SU5_str	BOBJ1	75.68	Before	Interior Girder 2	30.05	0.95	1	1	11.243882
SU5_str	BOBJ1	75.68	Before	Interior Girder 3	30.05	0.95	1	1	9.877785
SU5_str	BOBJ1	75.68	Before	Interior Girder 4	30.05	0.95	1	1	9.877785
SU5_str	BOBJ1	75.68	Before	Interior Girder 5	30.05	0.95	1	1	11.243882
SU5_str	BOBJ1	75.68	Before	Interior Girder 6	30.05	0.95	1	1	12.235841
SU5_str	BOBJ1	75.68	Before	Right Exterior Girder	30.05	0.95	1	1	14.459749
SU5_str	BOBJ1	75.68	After	Left Exterior Girder	30.05	0.95	1	1	22.887077
SU5_str	BOBJ1	75.68	After	Interior Girder 1	30.05	0.95	1	1	11.083657
SU5_str	BOBJ1	75.68	After	Interior Girder 2	30.05	0.95	1	1	9.587929
SU5_str	BOBJ1	75.68	After	Interior Girder 3	30.05	0.95	1	1	8.124178
SU5_str	BOBJ1	75.68	After	Interior Girder 4	30.05	0.95	1	1	8.124178
SU5_str	BOBJ1	75.68	After	Interior Girder 5	30.05	0.95	1	1	9.587929
SU5_str	BOBJ1	75.68	After	Interior Girder 6	30.05	0.95	1	1	11.083657
SU5_str	BOBJ1	75.68	After	Right Exterior Girder	30.05	0.95	1	1	22.887077
SU5_str	BOBJ1	81.8467	Before	Left Exterior Girder	36.2167	0.95	1	1	22.614459
SU5_str	BOBJ1	81.8467	Before	Interior Girder 1	36.2167	0.95	1	1	11.272568
SU5_str	BOBJ1	81.8467	Before	Interior Girder 2	36.2167	0.95	1	1	9.752051

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Approach, Span 16-19									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
SU5_str	BOBJ1	81.8467	Before	Interior Girder 3	36.2167	0.95	1	1	8.263283
SU5_str	BOBJ1	81.8467	Before	Interior Girder 4	36.2167	0.95	1	1	8.263283
SU5_str	BOBJ1	81.8467	Before	Interior Girder 5	36.2167	0.95	1	1	9.752051
SU5_str	BOBJ1	81.8467	Before	Interior Girder 6	36.2167	0.95	1	1	11.272568
SU5_str	BOBJ1	81.8467	Before	Right Exterior Girder	36.2167	0.95	1	1	22.614459
SU5_str	BOBJ1	81.8467	After	Left Exterior Girder	36.2167	0.95	1	1	17.376386
SU5_str	BOBJ1	81.8467	After	Interior Girder 1	36.2167	0.95	1	1	11.401481
SU5_str	BOBJ1	81.8467	After	Interior Girder 2	36.2167	0.95	1	1	10.467031
SU5_str	BOBJ1	81.8467	After	Interior Girder 3	36.2167	0.95	1	1	9.514969
SU5_str	BOBJ1	81.8467	After	Interior Girder 4	36.2167	0.95	1	1	9.514969
SU5_str	BOBJ1	81.8467	After	Interior Girder 5	36.2167	0.95	1	1	10.467031
SU5_str	BOBJ1	81.8467	After	Interior Girder 6	36.2167	0.95	1	1	11.401481
SU5_str	BOBJ1	81.8467	After	Right Exterior Girder	36.2167	0.95	1	1	17.376386
SU5_str	BOBJ1	88.0133	Before	Left Exterior Girder	42.3833	0.95	1	1	17.161801
SU5_str	BOBJ1	88.0133	Before	Interior Girder 1	42.3833	0.95	1	1	11.205108
SU5_str	BOBJ1	88.0133	Before	Interior Girder 2	42.3833	0.95	1	1	10.287251
SU5_str	BOBJ1	88.0133	Before	Interior Girder 3	42.3833	0.95	1	1	9.351666
SU5_str	BOBJ1	88.0133	Before	Interior Girder 4	42.3833	0.95	1	1	9.351666
SU5_str	BOBJ1	88.0133	Before	Interior Girder 5	42.3833	0.95	1	1	10.287251
SU5_str	BOBJ1	88.0133	Before	Interior Girder 6	42.3833	0.95	1	1	11.205108
SU5_str	BOBJ1	88.0133	Before	Right Exterior Girder	42.3833	0.95	1	1	17.161801
SU5_str	BOBJ1	88.0133	After	Left Exterior Girder	42.3833	0.95	1	1	14.299709
SU5_str	BOBJ1	88.0133	After	Interior Girder 1	42.3833	0.95	1	1	8.158286
SU5_str	BOBJ1	88.0133	After	Interior Girder 2	42.3833	0.95	1	1	7.537527
SU5_str	BOBJ1	88.0133	After	Interior Girder 3	42.3833	0.95	1	1	6.520657
SU5_str	BOBJ1	88.0133	After	Interior Girder 4	42.3833	0.95	1	1	6.520657
SU5_str	BOBJ1	88.0133	After	Interior Girder 5	42.3833	0.95	1	1	7.537527
SU5_str	BOBJ1	88.0133	After	Interior Girder 6	42.3833	0.95	1	1	8.158286
SU5_str	BOBJ1	88.0133	After	Right Exterior Girder	42.3833	0.95	1	1	14.299709
SU5_str	BOBJ1	94.18	Before	Left Exterior Girder	48.55	0.95	1	1	14.116315
SU5_str	BOBJ1	94.18	Before	Interior Girder 1	48.55	0.95	1	1	8.014566
SU5_str	BOBJ1	94.18	Before	Interior Girder 2	48.55	0.95	1	1	7.404892
SU5_str	BOBJ1	94.18	Before	Interior Girder 3	48.55	0.95	1	1	6.406002
SU5_str	BOBJ1	94.18	Before	Interior Girder 4	48.55	0.95	1	1	6.406002
SU5_str	BOBJ1	94.18	Before	Interior Girder 5	48.55	0.95	1	1	7.404892
SU5_str	BOBJ1	94.18	Before	Interior Girder 6	48.55	0.95	1	1	8.014566
SU5_str	BOBJ1	94.18	Before	Right Exterior Girder	48.55	0.95	1	1	14.116315
SU5_str	BOBJ1	94.18	After	Left Exterior Girder	48.55	0.95	1	1	9.00916
SU5_str	BOBJ1	94.18	After	Interior Girder 1	48.55	0.95	1	1	8.416814
SU5_str	BOBJ1	94.18	After	Interior Girder 2	48.55	0.95	1	1	7.711939
SU5_str	BOBJ1	94.18	After	Interior Girder 3	48.55	0.95	1	1	7.275687
SU5_str	BOBJ1	94.18	After	Interior Girder 4	48.55	0.95	1	1	7.275687
SU5_str	BOBJ1	94.18	After	Interior Girder 5	48.55	0.95	1	1	7.711939
SU5_str	BOBJ1	94.18	After	Interior Girder 6	48.55	0.95	1	1	8.416814
SU5_str	BOBJ1	94.18	After	Right Exterior Girder	48.55	0.95	1	1	9.00916
SU5_str	BOBJ1	100.3567	Before	Left Exterior Girder	54.7267	0.95	1	1	8.889103
SU5_str	BOBJ1	100.3567	Before	Interior Girder 1	54.7267	0.95	1	1	8.263853
SU5_str	BOBJ1	100.3567	Before	Interior Girder 2	54.7267	0.95	1	1	7.573247
SU5_str	BOBJ1	100.3567	Before	Interior Girder 3	54.7267	0.95	1	1	7.143432
SU5_str	BOBJ1	100.3567	Before	Interior Girder 4	54.7267	0.95	1	1	7.143432
SU5_str	BOBJ1	100.3567	Before	Interior Girder 5	54.7267	0.95	1	1	7.573247
SU5_str	BOBJ1	100.3567	Before	Interior Girder 6	54.7267	0.95	1	1	8.263853
SU5_str	BOBJ1	100.3567	Before	Right Exterior Girder	54.7267	0.95	1	1	8.889103
SU5_str	BOBJ1	100.3567	After	Left Exterior Girder	54.7267	0.95	1	1	7.90591
SU5_str	BOBJ1	100.3567	After	Interior Girder 1	54.7267	0.95	1	1	6.464661
SU5_str	BOBJ1	100.3567	After	Interior Girder 2	54.7267	0.95	1	1	5.982014
SU5_str	BOBJ1	100.3567	After	Interior Girder 3	54.7267	0.95	1	1	5.412428
SU5_str	BOBJ1	100.3567	After	Interior Girder 4	54.7267	0.95	1	1	5.412428
SU5_str	BOBJ1	100.3567	After	Interior Girder 5	54.7267	0.95	1	1	5.982014
SU5_str	BOBJ1	100.3567	After	Interior Girder 6	54.7267	0.95	1	1	6.464661
SU5_str	BOBJ1	100.3567	After	Right Exterior Girder	54.7267	0.95	1	1	7.90591
SU5_str	BOBJ1	106.5333	Before	Left Exterior Girder	60.9033	0.95	1	1	7.796084
SU5_str	BOBJ1	106.5333	Before	Interior Girder 1	60.9033	0.95	1	1	6.344433
SU5_str	BOBJ1	106.5333	Before	Interior Girder 2	60.9033	0.95	1	1	5.871774
SU5_str	BOBJ1	106.5333	Before	Interior Girder 3	60.9033	0.95	1	1	5.311383

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Approach, Span 16-19									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
SU5_str	BOBJ1	106.5333	Before	Interior Girder 4	60.9033	0.95	1	1	5.311383
SU5_str	BOBJ1	106.5333	Before	Interior Girder 5	60.9033	0.95	1	1	5.871774
SU5_str	BOBJ1	106.5333	Before	Interior Girder 6	60.9033	0.95	1	1	6.344433
SU5_str	BOBJ1	106.5333	Before	Right Exterior Girder	60.9033	0.95	1	1	7.796084
SU5_str	BOBJ1	106.5333	After	Left Exterior Girder	60.9033	0.95	1	1	6.447915
SU5_str	BOBJ1	106.5333	After	Interior Girder 1	60.9033	0.95	1	1	5.343882
SU5_str	BOBJ1	106.5333	After	Interior Girder 2	60.9033	0.95	1	1	4.687989
SU5_str	BOBJ1	106.5333	After	Interior Girder 3	60.9033	0.95	1	1	3.914778
SU5_str	BOBJ1	106.5333	After	Interior Girder 4	60.9033	0.95	1	1	3.914778
SU5_str	BOBJ1	106.5333	After	Interior Girder 5	60.9033	0.95	1	1	4.687989
SU5_str	BOBJ1	106.5333	After	Interior Girder 6	60.9033	0.95	1	1	5.343882
SU5_str	BOBJ1	106.5333	After	Right Exterior Girder	60.9033	0.95	1	1	6.447915
SU5_str	BOBJ1	108.2102	Before	Left Exterior Girder	62.5802	0.95	1	1	6.422094
SU5_str	BOBJ1	108.2102	Before	Right Exterior Girder	62.5802	0.95	1	1	6.422094
SU5_str	BOBJ1	108.2102	After	Left Exterior Girder	62.5802	0.95	1	1	7.134853
SU5_str	BOBJ1	108.2102	After	Right Exterior Girder	62.5802	0.95	1	1	7.134853
SU5_str	BOBJ1	112.71	Before	Left Exterior Girder	67.08	0.95	1	1	7.054419
SU5_str	BOBJ1	112.71	Before	Interior Girder 1	67.08	0.95	1	1	4.931674
SU5_str	BOBJ1	112.71	Before	Interior Girder 2	67.08	0.95	1	1	4.599533
SU5_str	BOBJ1	112.71	Before	Interior Girder 3	67.08	0.95	1	1	3.839576
SU5_str	BOBJ1	112.71	Before	Interior Girder 4	67.08	0.95	1	1	3.839576
SU5_str	BOBJ1	112.71	Before	Interior Girder 5	67.08	0.95	1	1	4.599533
SU5_str	BOBJ1	112.71	Before	Interior Girder 6	67.08	0.95	1	1	4.931674
SU5_str	BOBJ1	112.71	Before	Right Exterior Girder	67.08	0.95	1	1	7.054419
SU5_str	BOBJ1	112.71	After	Left Exterior Girder	0	0.95	1	1	8.02421
SU5_str	BOBJ1	112.71	After	Interior Girder 1	0	0.95	1	1	5.283126
SU5_str	BOBJ1	112.71	After	Interior Girder 2	0	0.95	1	1	4.910369
SU5_str	BOBJ1	112.71	After	Interior Girder 3	0	0.95	1	1	4.031941
SU5_str	BOBJ1	112.71	After	Interior Girder 4	0	0.95	1	1	4.031941
SU5_str	BOBJ1	112.71	After	Interior Girder 5	0	0.95	1	1	4.910369
SU5_str	BOBJ1	112.71	After	Interior Girder 6	0	0.95	1	1	5.283126
SU5_str	BOBJ1	112.71	After	Right Exterior Girder	0	0.95	1	1	8.02421
SU5_str	BOBJ1	117.21	Before	Left Exterior Girder	4.5	0.95	1	1	8.113067
SU5_str	BOBJ1	117.21	Before	Right Exterior Girder	4.5	0.95	1	1	8.113067
SU5_str	BOBJ1	117.21	After	Left Exterior Girder	4.5	0.95	1	1	7.749632
SU5_str	BOBJ1	117.21	After	Right Exterior Girder	4.5	0.95	1	1	7.749632
SU5_str	BOBJ1	119.1	Before	Left Exterior Girder	6.39	0.95	1	1	7.783445
SU5_str	BOBJ1	119.1	Before	Interior Girder 1	6.39	0.95	1	1	5.590054
SU5_str	BOBJ1	119.1	Before	Interior Girder 2	6.39	0.95	1	1	5.005862
SU5_str	BOBJ1	119.1	Before	Interior Girder 3	6.39	0.95	1	1	4.111857
SU5_str	BOBJ1	119.1	Before	Interior Girder 4	6.39	0.95	1	1	4.111857
SU5_str	BOBJ1	119.1	Before	Interior Girder 5	6.39	0.95	1	1	5.005862
SU5_str	BOBJ1	119.1	Before	Interior Girder 6	6.39	0.95	1	1	5.590054
SU5_str	BOBJ1	119.1	Before	Right Exterior Girder	6.39	0.95	1	1	7.783445
SU5_str	BOBJ1	119.1	After	Left Exterior Girder	6.39	0.95	1	1	9.384456
SU5_str	BOBJ1	119.1	After	Interior Girder 1	6.39	0.95	1	1	7.069502
SU5_str	BOBJ1	119.1	After	Interior Girder 2	6.39	0.95	1	1	6.469786
SU5_str	BOBJ1	119.1	After	Interior Girder 3	6.39	0.95	1	1	5.814092
SU5_str	BOBJ1	119.1	After	Interior Girder 4	6.39	0.95	1	1	5.814092
SU5_str	BOBJ1	119.1	After	Interior Girder 5	6.39	0.95	1	1	6.469786
SU5_str	BOBJ1	119.1	After	Interior Girder 6	6.39	0.95	1	1	7.069502
SU5_str	BOBJ1	119.1	After	Right Exterior Girder	6.39	0.95	1	1	9.384456
SU5_str	BOBJ1	125.49	Before	Left Exterior Girder	12.78	0.95	1	1	9.517198
SU5_str	BOBJ1	125.49	Before	Interior Girder 1	12.78	0.95	1	1	7.204629
SU5_str	BOBJ1	125.49	Before	Interior Girder 2	12.78	0.95	1	1	6.592583
SU5_str	BOBJ1	125.49	Before	Interior Girder 3	12.78	0.95	1	1	5.925997
SU5_str	BOBJ1	125.49	Before	Interior Girder 4	12.78	0.95	1	1	5.925997
SU5_str	BOBJ1	125.49	Before	Interior Girder 5	12.78	0.95	1	1	6.592583
SU5_str	BOBJ1	125.49	Before	Interior Girder 6	12.78	0.95	1	1	7.204629
SU5_str	BOBJ1	125.49	Before	Right Exterior Girder	12.78	0.95	1	1	9.517198
SU5_str	BOBJ1	125.49	After	Left Exterior Girder	12.78	0.95	1	1	11.312274
SU5_str	BOBJ1	125.49	After	Interior Girder 1	12.78	0.95	1	1	9.756154
SU5_str	BOBJ1	125.49	After	Interior Girder 2	12.78	0.95	1	1	8.75655
SU5_str	BOBJ1	125.49	After	Interior Girder 3	12.78	0.95	1	1	8.216045
SU5_str	BOBJ1	125.49	After	Interior Girder 4	12.78	0.95	1	1	8.216045

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Approach, Span 16-19									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
SU5_str	BOBJ1	125.49	After	Interior Girder 5	12.78	0.95	1	1	8.75655
SU5_str	BOBJ1	125.49	After	Interior Girder 6	12.78	0.95	1	1	9.756154
SU5_str	BOBJ1	125.49	After	Right Exterior Girder	12.78	0.95	1	1	11.312274
SU5_str	BOBJ1	131.88	Before	Left Exterior Girder	19.17	0.95	1	1	11.465636
SU5_str	BOBJ1	131.88	Before	Interior Girder 1	19.17	0.95	1	1	9.938252
SU5_str	BOBJ1	131.88	Before	Interior Girder 2	19.17	0.95	1	1	8.918633
SU5_str	BOBJ1	131.88	Before	Interior Girder 3	19.17	0.95	1	1	8.369914
SU5_str	BOBJ1	131.88	Before	Interior Girder 4	19.17	0.95	1	1	8.369914
SU5_str	BOBJ1	131.88	Before	Interior Girder 5	19.17	0.95	1	1	8.918633
SU5_str	BOBJ1	131.88	Before	Interior Girder 6	19.17	0.95	1	1	9.938252
SU5_str	BOBJ1	131.88	Before	Right Exterior Girder	19.17	0.95	1	1	11.465636
SU5_str	BOBJ1	131.88	After	Left Exterior Girder	19.17	0.95	1	1	20.262877
SU5_str	BOBJ1	131.88	After	Interior Girder 1	19.17	0.95	1	1	9.598907
SU5_str	BOBJ1	131.88	After	Interior Girder 2	19.17	0.95	1	1	8.586577
SU5_str	BOBJ1	131.88	After	Interior Girder 3	19.17	0.95	1	1	7.306763
SU5_str	BOBJ1	131.88	After	Interior Girder 4	19.17	0.95	1	1	7.306763
SU5_str	BOBJ1	131.88	After	Interior Girder 5	19.17	0.95	1	1	8.586577
SU5_str	BOBJ1	131.88	After	Interior Girder 6	19.17	0.95	1	1	9.598907
SU5_str	BOBJ1	131.88	After	Right Exterior Girder	19.17	0.95	1	1	20.262877
SU5_str	BOBJ1	138.27	Before	Left Exterior Girder	25.56	0.95	1	1	20.526977
SU5_str	BOBJ1	138.27	Before	Interior Girder 1	25.56	0.95	1	1	9.772742
SU5_str	BOBJ1	138.27	Before	Interior Girder 2	25.56	0.95	1	1	8.742376
SU5_str	BOBJ1	138.27	Before	Interior Girder 3	25.56	0.95	1	1	7.439375
SU5_str	BOBJ1	138.27	Before	Interior Girder 4	25.56	0.95	1	1	7.439375
SU5_str	BOBJ1	138.27	Before	Interior Girder 5	25.56	0.95	1	1	8.742376
SU5_str	BOBJ1	138.27	Before	Interior Girder 6	25.56	0.95	1	1	9.772742
SU5_str	BOBJ1	138.27	Before	Right Exterior Girder	25.56	0.95	1	1	20.526977
SU5_str	BOBJ1	138.27	After	Left Exterior Girder	25.56	0.95	1	1	25.426653
SU5_str	BOBJ1	138.27	After	Interior Girder 1	25.56	0.95	1	1	14.644639
SU5_str	BOBJ1	138.27	After	Interior Girder 2	25.56	0.95	1	1	13.136429
SU5_str	BOBJ1	138.27	After	Interior Girder 3	25.56	0.95	1	1	11.40466
SU5_str	BOBJ1	138.27	After	Interior Girder 4	25.56	0.95	1	1	11.40466
SU5_str	BOBJ1	138.27	After	Interior Girder 5	25.56	0.95	1	1	13.136429
SU5_str	BOBJ1	138.27	After	Interior Girder 6	25.56	0.95	1	1	14.644639
SU5_str	BOBJ1	138.27	After	Right Exterior Girder	25.56	0.95	1	1	25.426653
SU5_str	BOBJ1	144.66	Before	Left Exterior Girder	31.95	0.95	1	1	25.109916
SU5_str	BOBJ1	144.66	Before	Interior Girder 1	31.95	0.95	1	1	14.389533
SU5_str	BOBJ1	144.66	Before	Interior Girder 2	31.95	0.95	1	1	12.907672
SU5_str	BOBJ1	144.66	Before	Interior Girder 3	31.95	0.95	1	1	11.206075
SU5_str	BOBJ1	144.66	Before	Interior Girder 4	31.95	0.95	1	1	11.206075
SU5_str	BOBJ1	144.66	Before	Interior Girder 5	31.95	0.95	1	1	12.907672
SU5_str	BOBJ1	144.66	Before	Interior Girder 6	31.95	0.95	1	1	14.389533
SU5_str	BOBJ1	144.66	Before	Right Exterior Girder	31.95	0.95	1	1	25.109916
SU5_str	BOBJ1	144.66	After	Left Exterior Girder	31.95	0.95	1	1	18.700516
SU5_str	BOBJ1	144.66	After	Interior Girder 1	31.95	0.95	1	1	9.490388
SU5_str	BOBJ1	144.66	After	Interior Girder 2	31.95	0.95	1	1	8.49937
SU5_str	BOBJ1	144.66	After	Interior Girder 3	31.95	0.95	1	1	7.251255
SU5_str	BOBJ1	144.66	After	Interior Girder 4	31.95	0.95	1	1	7.251255
SU5_str	BOBJ1	144.66	After	Interior Girder 5	31.95	0.95	1	1	8.49937
SU5_str	BOBJ1	144.66	After	Interior Girder 6	31.95	0.95	1	1	9.490388
SU5_str	BOBJ1	144.66	After	Right Exterior Girder	31.95	0.95	1	1	18.700516
SU5_str	BOBJ1	151.05	Before	Left Exterior Girder	38.34	0.95	1	1	18.458464
SU5_str	BOBJ1	151.05	Before	Interior Girder 1	38.34	0.95	1	1	9.321256
SU5_str	BOBJ1	151.05	Before	Interior Girder 2	38.34	0.95	1	1	8.347713
SU5_str	BOBJ1	151.05	Before	Interior Girder 3	38.34	0.95	1	1	7.121847
SU5_str	BOBJ1	151.05	Before	Interior Girder 4	38.34	0.95	1	1	7.121847
SU5_str	BOBJ1	151.05	Before	Interior Girder 5	38.34	0.95	1	1	8.347713
SU5_str	BOBJ1	151.05	Before	Interior Girder 6	38.34	0.95	1	1	9.321256
SU5_str	BOBJ1	151.05	Before	Right Exterior Girder	38.34	0.95	1	1	18.458464
SU5_str	BOBJ1	151.05	After	Left Exterior Girder	38.34	0.95	1	1	10.809856
SU5_str	BOBJ1	151.05	After	Interior Girder 1	38.34	0.95	1	1	9.561342
SU5_str	BOBJ1	151.05	After	Interior Girder 2	38.34	0.95	1	1	8.574687
SU5_str	BOBJ1	151.05	After	Interior Girder 3	38.34	0.95	1	1	8.0088
SU5_str	BOBJ1	151.05	After	Interior Girder 4	38.34	0.95	1	1	8.0088
SU5_str	BOBJ1	151.05	After	Interior Girder 5	38.34	0.95	1	1	8.574687

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Approach, Span 16-19									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
SU5_str	BOBJ1	151.05	After	Interior Girder 6	38.34	0.95	1	1	9.561342
SU5_str	BOBJ1	151.05	After	Right Exterior Girder	38.34	0.95	1	1	10.809856
SU5_str	BOBJ1	157.4367	Before	Left Exterior Girder	44.7267	0.95	1	1	10.664284
SU5_str	BOBJ1	157.4367	Before	Interior Girder 1	44.7267	0.95	1	1	9.386099
SU5_str	BOBJ1	157.4367	Before	Interior Girder 2	44.7267	0.95	1	1	8.41885
SU5_str	BOBJ1	157.4367	Before	Interior Girder 3	44.7267	0.95	1	1	7.861347
SU5_str	BOBJ1	157.4367	Before	Interior Girder 4	44.7267	0.95	1	1	7.861347
SU5_str	BOBJ1	157.4367	Before	Interior Girder 5	44.7267	0.95	1	1	8.41885
SU5_str	BOBJ1	157.4367	Before	Interior Girder 6	44.7267	0.95	1	1	9.386099
SU5_str	BOBJ1	157.4367	Before	Right Exterior Girder	44.7267	0.95	1	1	10.664284
SU5_str	BOBJ1	157.4367	After	Left Exterior Girder	44.7267	0.95	1	1	8.984747
SU5_str	BOBJ1	157.4367	After	Interior Girder 1	44.7267	0.95	1	1	7.038694
SU5_str	BOBJ1	157.4367	After	Interior Girder 2	44.7267	0.95	1	1	6.355609
SU5_str	BOBJ1	157.4367	After	Interior Girder 3	44.7267	0.95	1	1	5.456393
SU5_str	BOBJ1	157.4367	After	Interior Girder 4	44.7267	0.95	1	1	5.456393
SU5_str	BOBJ1	157.4367	After	Interior Girder 5	44.7267	0.95	1	1	6.355609
SU5_str	BOBJ1	157.4367	After	Interior Girder 6	44.7267	0.95	1	1	7.038694
SU5_str	BOBJ1	157.4367	After	Right Exterior Girder	44.7267	0.95	1	1	8.984747
SU5_str	BOBJ1	158.71	Before	Left Exterior Girder	46	0.95	1	1	8.959747
SU5_str	BOBJ1	158.71	Before	Interior Girder 1	46	0.95	1	1	7.012527
SU5_str	BOBJ1	158.71	Before	Interior Girder 2	46	0.95	1	1	6.332107
SU5_str	BOBJ1	158.71	Before	Interior Girder 3	46	0.95	1	1	5.435864
SU5_str	BOBJ1	158.71	Before	Interior Girder 4	46	0.95	1	1	5.435864
SU5_str	BOBJ1	158.71	Before	Interior Girder 5	46	0.95	1	1	6.332107
SU5_str	BOBJ1	158.71	Before	Interior Girder 6	46	0.95	1	1	7.012527
SU5_str	BOBJ1	158.71	Before	Right Exterior Girder	46	0.95	1	1	8.959747
SU5_str	BOBJ1	158.71	After	Left Exterior Girder	46	0.95	1	1	11.133198
SU5_str	BOBJ1	158.71	After	Interior Girder 1	46	0.95	1	1	7.710588
SU5_str	BOBJ1	158.71	After	Interior Girder 2	46	0.95	1	1	7.083044
SU5_str	BOBJ1	158.71	After	Interior Girder 3	46	0.95	1	1	6.198623
SU5_str	BOBJ1	158.71	After	Interior Girder 4	46	0.95	1	1	6.198623
SU5_str	BOBJ1	158.71	After	Interior Girder 5	46	0.95	1	1	7.083044
SU5_str	BOBJ1	158.71	After	Interior Girder 6	46	0.95	1	1	7.710588
SU5_str	BOBJ1	158.71	After	Right Exterior Girder	46	0.95	1	1	11.133198
SU5_str	BOBJ1	163.8233	Before	Left Exterior Girder	51.1133	0.95	1	1	11.025465
SU5_str	BOBJ1	163.8233	Before	Interior Girder 1	51.1133	0.95	1	1	7.60763
SU5_str	BOBJ1	163.8233	Before	Interior Girder 2	51.1133	0.95	1	1	6.989028
SU5_str	BOBJ1	163.8233	Before	Interior Girder 3	51.1133	0.95	1	1	6.115212
SU5_str	BOBJ1	163.8233	Before	Interior Girder 4	51.1133	0.95	1	1	6.115212
SU5_str	BOBJ1	163.8233	Before	Interior Girder 5	51.1133	0.95	1	1	6.989028
SU5_str	BOBJ1	163.8233	Before	Interior Girder 6	51.1133	0.95	1	1	7.60763
SU5_str	BOBJ1	163.8233	Before	Right Exterior Girder	51.1133	0.95	1	1	11.025465
SU5_str	BOBJ1	163.8233	After	Left Exterior Girder	51.1133	0.95	1	1	8.604808
SU5_str	BOBJ1	163.8233	After	Interior Girder 1	51.1133	0.95	1	1	6.732595
SU5_str	BOBJ1	163.8233	After	Interior Girder 2	51.1133	0.95	1	1	5.766287
SU5_str	BOBJ1	163.8233	After	Interior Girder 3	51.1133	0.95	1	1	4.723015
SU5_str	BOBJ1	163.8233	After	Interior Girder 4	51.1133	0.95	1	1	4.723015
SU5_str	BOBJ1	163.8233	After	Interior Girder 5	51.1133	0.95	1	1	5.766287
SU5_str	BOBJ1	163.8233	After	Interior Girder 6	51.1133	0.95	1	1	6.732595
SU5_str	BOBJ1	163.8233	After	Right Exterior Girder	51.1133	0.95	1	1	8.604808
SU5_str	BOBJ1	164.71	Before	Left Exterior Girder	52	0.95	1	1	8.589767
SU5_str	BOBJ1	164.71	Before	Right Exterior Girder	52	0.95	1	1	8.589767
SU5_str	BOBJ1	164.71	After	Left Exterior Girder	52	0.95	1	1	10.033156
SU5_str	BOBJ1	164.71	After	Right Exterior Girder	52	0.95	1	1	10.033156
SU5_str	BOBJ1	170.21	Before	Left Exterior Girder	57.5	0.95	1	1	9.915686
SU5_str	BOBJ1	170.21	Before	Interior Girder 1	57.5	0.95	1	1	6.105914
SU5_str	BOBJ1	170.21	Before	Interior Girder 2	57.5	0.95	1	1	5.669051
SU5_str	BOBJ1	170.21	Before	Interior Girder 3	57.5	0.95	1	1	4.641933
SU5_str	BOBJ1	170.21	Before	Interior Girder 4	57.5	0.95	1	1	4.641933
SU5_str	BOBJ1	170.21	Before	Interior Girder 5	57.5	0.95	1	1	5.669051
SU5_str	BOBJ1	170.21	Before	Interior Girder 6	57.5	0.95	1	1	6.105914
SU5_str	BOBJ1	170.21	Before	Right Exterior Girder	57.5	0.95	1	1	9.915686
SU5_str	BOBJ1	170.21	After	Left Exterior Girder	0	0.95	1	1	8.932561
SU5_str	BOBJ1	170.21	After	Interior Girder 1	0	0.95	1	1	5.722069
SU5_str	BOBJ1	170.21	After	Interior Girder 2	0	0.95	1	1	5.310756

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Approach, Span 16-19									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
SU5_str	BOBJ1	170.21	After	Interior Girder 3	0	0.95	1	1	4.413649
SU5_str	BOBJ1	170.21	After	Interior Girder 4	0	0.95	1	1	4.413649
SU5_str	BOBJ1	170.21	After	Interior Girder 5	0	0.95	1	1	5.310756
SU5_str	BOBJ1	170.21	After	Interior Girder 6	0	0.95	1	1	5.722069
SU5_str	BOBJ1	170.21	After	Right Exterior Girder	0	0.95	1	1	8.932561
SU5_str	BOBJ1	176.21	Before	Left Exterior Girder	6	0.95	1	1	9.051549
SU5_str	BOBJ1	176.21	Before	Right Exterior Girder	6	0.95	1	1	9.051549
SU5_str	BOBJ1	176.21	After	Left Exterior Girder	6	0.95	1	1	5.974675
SU5_str	BOBJ1	176.21	After	Right Exterior Girder	6	0.95	1	1	5.974675
SU5_str	BOBJ1	176.6	Before	Left Exterior Girder	6.39	0.95	1	1	5.979642
SU5_str	BOBJ1	176.6	Before	Interior Girder 1	6.39	0.95	1	1	7.291867
SU5_str	BOBJ1	176.6	Before	Interior Girder 2	6.39	0.95	1	1	5.404163
SU5_str	BOBJ1	176.6	Before	Interior Girder 3	6.39	0.95	1	1	4.492659
SU5_str	BOBJ1	176.6	Before	Interior Girder 4	6.39	0.95	1	1	4.492659
SU5_str	BOBJ1	176.6	Before	Interior Girder 5	6.39	0.95	1	1	5.404163
SU5_str	BOBJ1	176.6	Before	Interior Girder 6	6.39	0.95	1	1	7.291867
SU5_str	BOBJ1	176.6	Before	Right Exterior Girder	6.39	0.95	1	1	5.979642
SU5_str	BOBJ1	176.6	After	Left Exterior Girder	6.39	0.95	1	1	9.678758
SU5_str	BOBJ1	176.6	After	Interior Girder 1	6.39	0.95	1	1	7.370575
SU5_str	BOBJ1	176.6	After	Interior Girder 2	6.39	0.95	1	1	6.732389
SU5_str	BOBJ1	176.6	After	Interior Girder 3	6.39	0.95	1	1	6.063205
SU5_str	BOBJ1	176.6	After	Interior Girder 4	6.39	0.95	1	1	6.063205
SU5_str	BOBJ1	176.6	After	Interior Girder 5	6.39	0.95	1	1	6.732389
SU5_str	BOBJ1	176.6	After	Interior Girder 6	6.39	0.95	1	1	7.370575
SU5_str	BOBJ1	176.6	After	Right Exterior Girder	6.39	0.95	1	1	9.678758
SU5_str	BOBJ1	182.99	Before	Left Exterior Girder	12.78	0.95	1	1	9.800212
SU5_str	BOBJ1	182.99	Before	Interior Girder 1	12.78	0.95	1	1	7.498438
SU5_str	BOBJ1	182.99	Before	Interior Girder 2	12.78	0.95	1	1	6.848264
SU5_str	BOBJ1	182.99	Before	Interior Girder 3	12.78	0.95	1	1	6.168915
SU5_str	BOBJ1	182.99	Before	Interior Girder 4	12.78	0.95	1	1	6.168915
SU5_str	BOBJ1	182.99	Before	Interior Girder 5	12.78	0.95	1	1	6.848264
SU5_str	BOBJ1	182.99	Before	Interior Girder 6	12.78	0.95	1	1	7.498438
SU5_str	BOBJ1	182.99	Before	Right Exterior Girder	12.78	0.95	1	1	9.800212
SU5_str	BOBJ1	182.99	After	Left Exterior Girder	12.78	0.95	1	1	11.007753
SU5_str	BOBJ1	182.99	After	Interior Girder 1	12.78	0.95	1	1	9.606245
SU5_str	BOBJ1	182.99	After	Interior Girder 2	12.78	0.95	1	1	8.644118
SU5_str	BOBJ1	182.99	After	Interior Girder 3	12.78	0.95	1	1	8.101322
SU5_str	BOBJ1	182.99	After	Interior Girder 4	12.78	0.95	1	1	8.101322
SU5_str	BOBJ1	182.99	After	Interior Girder 5	12.78	0.95	1	1	8.644118
SU5_str	BOBJ1	182.99	After	Interior Girder 6	12.78	0.95	1	1	9.606245
SU5_str	BOBJ1	182.99	After	Right Exterior Girder	12.78	0.95	1	1	11.007753
SU5_str	BOBJ1	189.38	Before	Left Exterior Girder	19.17	0.95	1	1	11.14098
SU5_str	BOBJ1	189.38	Before	Interior Girder 1	19.17	0.95	1	1	9.76939
SU5_str	BOBJ1	189.38	Before	Interior Girder 2	19.17	0.95	1	1	8.789589
SU5_str	BOBJ1	189.38	Before	Interior Girder 3	19.17	0.95	1	1	8.239116
SU5_str	BOBJ1	189.38	Before	Interior Girder 4	19.17	0.95	1	1	8.239116
SU5_str	BOBJ1	189.38	Before	Interior Girder 5	19.17	0.95	1	1	8.789589
SU5_str	BOBJ1	189.38	Before	Interior Girder 6	19.17	0.95	1	1	9.76939
SU5_str	BOBJ1	189.38	Before	Right Exterior Girder	19.17	0.95	1	1	11.14098
SU5_str	BOBJ1	189.38	After	Left Exterior Girder	19.17	0.95	1	1	17.553178
SU5_str	BOBJ1	189.38	After	Interior Girder 1	19.17	0.95	1	1	9.305325
SU5_str	BOBJ1	189.38	After	Interior Girder 2	19.17	0.95	1	1	8.458914
SU5_str	BOBJ1	189.38	After	Interior Girder 3	19.17	0.95	1	1	7.276449
SU5_str	BOBJ1	189.38	After	Interior Girder 4	19.17	0.95	1	1	7.276449
SU5_str	BOBJ1	189.38	After	Interior Girder 5	19.17	0.95	1	1	8.458914
SU5_str	BOBJ1	189.38	After	Interior Girder 6	19.17	0.95	1	1	9.305325
SU5_str	BOBJ1	189.38	After	Right Exterior Girder	19.17	0.95	1	1	17.553178
SU5_str	BOBJ1	195.77	Before	Left Exterior Girder	25.56	0.95	1	1	17.758774
SU5_str	BOBJ1	195.77	Before	Interior Girder 1	25.56	0.95	1	1	9.459254
SU5_str	BOBJ1	195.77	Before	Interior Girder 2	25.56	0.95	1	1	8.598671
SU5_str	BOBJ1	195.77	Before	Interior Girder 3	25.56	0.95	1	1	7.39661
SU5_str	BOBJ1	195.77	Before	Interior Girder 4	25.56	0.95	1	1	7.39661
SU5_str	BOBJ1	195.77	Before	Interior Girder 5	25.56	0.95	1	1	8.598671
SU5_str	BOBJ1	195.77	Before	Interior Girder 6	25.56	0.95	1	1	9.459254
SU5_str	BOBJ1	195.77	Before	Right Exterior Girder	25.56	0.95	1	1	17.758774

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Approach, Span 16-19									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
SU5_str	BOBJ1	195.77	After	Left Exterior Girder	25.56	0.95	1	1	22.48449
SU5_str	BOBJ1	195.77	After	Interior Girder 1	25.56	0.95	1	1	13.380182
SU5_str	BOBJ1	195.77	After	Interior Girder 2	25.56	0.95	1	1	12.21596
SU5_str	BOBJ1	195.77	After	Interior Girder 3	25.56	0.95	1	1	10.737489
SU5_str	BOBJ1	195.77	After	Interior Girder 4	25.56	0.95	1	1	10.737489
SU5_str	BOBJ1	195.77	After	Interior Girder 5	25.56	0.95	1	1	12.21596
SU5_str	BOBJ1	195.77	After	Interior Girder 6	25.56	0.95	1	1	13.380182
SU5_str	BOBJ1	195.77	After	Right Exterior Girder	25.56	0.95	1	1	22.48449
SU5_str	BOBJ1	202.16	Before	Left Exterior Girder	31.95	0.95	1	1	22.739253
SU5_str	BOBJ1	202.16	Before	Interior Girder 1	31.95	0.95	1	1	13.596948
SU5_str	BOBJ1	202.16	Before	Interior Girder 2	31.95	0.95	1	1	12.413296
SU5_str	BOBJ1	202.16	Before	Interior Girder 3	31.95	0.95	1	1	10.910846
SU5_str	BOBJ1	202.16	Before	Interior Girder 4	31.95	0.95	1	1	10.910846
SU5_str	BOBJ1	202.16	Before	Interior Girder 5	31.95	0.95	1	1	12.413296
SU5_str	BOBJ1	202.16	Before	Interior Girder 6	31.95	0.95	1	1	13.596948
SU5_str	BOBJ1	202.16	Before	Right Exterior Girder	31.95	0.95	1	1	22.739253
SU5_str	BOBJ1	202.16	After	Left Exterior Girder	31.95	0.95	1	1	32.428002
SU5_str	BOBJ1	202.16	After	Interior Girder 1	31.95	0.95	1	1	13.110739
SU5_str	BOBJ1	202.16	After	Interior Girder 2	31.95	0.95	1	1	11.418791
SU5_str	BOBJ1	202.16	After	Interior Girder 3	31.95	0.95	1	1	9.676649
SU5_str	BOBJ1	202.16	After	Interior Girder 4	31.95	0.95	1	1	9.676649
SU5_str	BOBJ1	202.16	After	Interior Girder 5	31.95	0.95	1	1	11.418791
SU5_str	BOBJ1	202.16	After	Interior Girder 6	31.95	0.95	1	1	13.110739
SU5_str	BOBJ1	202.16	After	Right Exterior Girder	31.95	0.95	1	1	32.428002
SU5_str	BOBJ1	208.55	Before	Left Exterior Girder	38.34	0.95	1	1	32.074018
SU5_str	BOBJ1	208.55	Before	Interior Girder 1	38.34	0.95	1	1	12.90696
SU5_str	BOBJ1	208.55	Before	Interior Girder 2	38.34	0.95	1	1	11.240553
SU5_str	BOBJ1	208.55	Before	Interior Girder 3	38.34	0.95	1	1	9.525577
SU5_str	BOBJ1	208.55	Before	Interior Girder 4	38.34	0.95	1	1	9.525577
SU5_str	BOBJ1	208.55	Before	Interior Girder 5	38.34	0.95	1	1	11.240553
SU5_str	BOBJ1	208.55	Before	Interior Girder 6	38.34	0.95	1	1	12.90696
SU5_str	BOBJ1	208.55	Before	Right Exterior Girder	38.34	0.95	1	1	32.074018
SU5_str	BOBJ1	208.55	After	Left Exterior Girder	38.34	0.95	1	1	16.908538
SU5_str	BOBJ1	208.55	After	Interior Girder 1	38.34	0.95	1	1	14.467703
SU5_str	BOBJ1	208.55	After	Interior Girder 2	38.34	0.95	1	1	13.005383
SU5_str	BOBJ1	208.55	After	Interior Girder 3	38.34	0.95	1	1	12.563862
SU5_str	BOBJ1	208.55	After	Interior Girder 4	38.34	0.95	1	1	12.563862
SU5_str	BOBJ1	208.55	After	Interior Girder 5	38.34	0.95	1	1	13.005383
SU5_str	BOBJ1	208.55	After	Interior Girder 6	38.34	0.95	1	1	14.467703
SU5_str	BOBJ1	208.55	After	Right Exterior Girder	38.34	0.95	1	1	16.908538
SU5_str	BOBJ1	215.1233	Before	Left Exterior Girder	44.9133	0.95	1	1	16.713922
SU5_str	BOBJ1	215.1233	Before	Interior Girder 1	44.9133	0.95	1	1	14.228821
SU5_str	BOBJ1	215.1233	Before	Interior Girder 2	44.9133	0.95	1	1	12.792013
SU5_str	BOBJ1	215.1233	Before	Interior Girder 3	44.9133	0.95	1	1	12.357404
SU5_str	BOBJ1	215.1233	Before	Interior Girder 4	44.9133	0.95	1	1	12.357404
SU5_str	BOBJ1	215.1233	Before	Interior Girder 5	44.9133	0.95	1	1	12.792013
SU5_str	BOBJ1	215.1233	Before	Interior Girder 6	44.9133	0.95	1	1	14.228821
SU5_str	BOBJ1	215.1233	Before	Right Exterior Girder	44.9133	0.95	1	1	16.713922
SU5_str	BOBJ1	215.1233	After	Left Exterior Girder	44.9133	0.95	1	1	13.74352
SU5_str	BOBJ1	215.1233	After	Interior Girder 1	44.9133	0.95	1	1	10.184004
SU5_str	BOBJ1	215.1233	After	Interior Girder 2	44.9133	0.95	1	1	9.251711
SU5_str	BOBJ1	215.1233	After	Interior Girder 3	44.9133	0.95	1	1	8.775293
SU5_str	BOBJ1	215.1233	After	Interior Girder 4	44.9133	0.95	1	1	8.775293
SU5_str	BOBJ1	215.1233	After	Interior Girder 5	44.9133	0.95	1	1	9.251711
SU5_str	BOBJ1	215.1233	After	Interior Girder 6	44.9133	0.95	1	1	10.184004
SU5_str	BOBJ1	215.1233	After	Right Exterior Girder	44.9133	0.95	1	1	13.74352
SU5_str	BOBJ1	221.6967	Before	Left Exterior Girder	51.4867	0.95	1	1	13.579961
SU5_str	BOBJ1	221.6967	Before	Interior Girder 1	51.4867	0.95	1	1	10.012162
SU5_str	BOBJ1	221.6967	Before	Interior Girder 2	51.4867	0.95	1	1	9.096432
SU5_str	BOBJ1	221.6967	Before	Interior Girder 3	51.4867	0.95	1	1	8.627737
SU5_str	BOBJ1	221.6967	Before	Interior Girder 4	51.4867	0.95	1	1	8.627737
SU5_str	BOBJ1	221.6967	Before	Interior Girder 5	51.4867	0.95	1	1	9.096432
SU5_str	BOBJ1	221.6967	Before	Interior Girder 6	51.4867	0.95	1	1	10.012162
SU5_str	BOBJ1	221.6967	Before	Right Exterior Girder	51.4867	0.95	1	1	13.579961
SU5_str	BOBJ1	221.6967	After	Left Exterior Girder	51.4867	0.95	1	1	11.763712

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Approach, Span 16-19									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
SU5_str	BOBJ1	221.6967	After	Interior Girder 1	51.4867	0.95	1	1	7.235251
SU5_str	BOBJ1	221.6967	After	Interior Girder 2	51.4867	0.95	1	1	6.717057
SU5_str	BOBJ1	221.6967	After	Interior Girder 3	51.4867	0.95	1	1	5.891735
SU5_str	BOBJ1	221.6967	After	Interior Girder 4	51.4867	0.95	1	1	5.891735
SU5_str	BOBJ1	221.6967	After	Interior Girder 5	51.4867	0.95	1	1	6.717057
SU5_str	BOBJ1	221.6967	After	Interior Girder 6	51.4867	0.95	1	1	7.235251
SU5_str	BOBJ1	221.6967	After	Right Exterior Girder	51.4867	0.95	1	1	11.763712
SU5_str	BOBJ1	228.27	Before	Left Exterior Girder	58.06	0.95	1	1	11.618629
SU5_str	BOBJ1	228.27	Before	Interior Girder 1	58.06	0.95	1	1	7.110574
SU5_str	BOBJ1	228.27	Before	Interior Girder 2	58.06	0.95	1	1	6.601739
SU5_str	BOBJ1	228.27	Before	Interior Girder 3	58.06	0.95	1	1	5.79024
SU5_str	BOBJ1	228.27	Before	Interior Girder 4	58.06	0.95	1	1	5.79024
SU5_str	BOBJ1	228.27	Before	Interior Girder 5	58.06	0.95	1	1	6.601739
SU5_str	BOBJ1	228.27	Before	Interior Girder 6	58.06	0.95	1	1	7.110574
SU5_str	BOBJ1	228.27	Before	Right Exterior Girder	58.06	0.95	1	1	11.618629
SU6_str	BOBJ1	0	After	Left Exterior Girder	0	0.95	1	1	10.008106
SU6_str	BOBJ1	0	After	Interior Girder 1	0	0.95	1	1	6.158961
SU6_str	BOBJ1	0	After	Interior Girder 2	0	0.95	1	1	5.699892
SU6_str	BOBJ1	0	After	Interior Girder 3	0	0.95	1	1	4.952645
SU6_str	BOBJ1	0	After	Interior Girder 4	0	0.95	1	1	4.952645
SU6_str	BOBJ1	0	After	Interior Girder 5	0	0.95	1	1	5.699892
SU6_str	BOBJ1	0	After	Interior Girder 6	0	0.95	1	1	6.158961
SU6_str	BOBJ1	0	After	Right Exterior Girder	0	0.95	1	1	10.008106
SU6_str	BOBJ1	5.3833	Before	Left Exterior Girder	5.3833	0.95	1	1	10.122491
SU6_str	BOBJ1	5.3833	Before	Interior Girder 1	5.3833	0.95	1	1	6.255577
SU6_str	BOBJ1	5.3833	Before	Interior Girder 2	5.3833	0.95	1	1	5.789014
SU6_str	BOBJ1	5.3833	Before	Interior Girder 3	5.3833	0.95	1	1	5.030459
SU6_str	BOBJ1	5.3833	Before	Interior Girder 4	5.3833	0.95	1	1	5.030459
SU6_str	BOBJ1	5.3833	Before	Interior Girder 5	5.3833	0.95	1	1	5.789014
SU6_str	BOBJ1	5.3833	Before	Interior Girder 6	5.3833	0.95	1	1	6.255577
SU6_str	BOBJ1	5.3833	Before	Right Exterior Girder	5.3833	0.95	1	1	10.122491
SU6_str	BOBJ1	5.3833	After	Left Exterior Girder	5.3833	0.95	1	1	11.93716
SU6_str	BOBJ1	5.3833	After	Interior Girder 1	5.3833	0.95	1	1	8.662243
SU6_str	BOBJ1	5.3833	After	Interior Girder 2	5.3833	0.95	1	1	7.780831
SU6_str	BOBJ1	5.3833	After	Interior Girder 3	5.3833	0.95	1	1	7.275026
SU6_str	BOBJ1	5.3833	After	Interior Girder 4	5.3833	0.95	1	1	7.275026
SU6_str	BOBJ1	5.3833	After	Interior Girder 5	5.3833	0.95	1	1	7.780831
SU6_str	BOBJ1	5.3833	After	Interior Girder 6	5.3833	0.95	1	1	8.662243
SU6_str	BOBJ1	5.3833	After	Right Exterior Girder	5.3833	0.95	1	1	11.93716
SU6_str	BOBJ1	10.7667	Before	Left Exterior Girder	10.7667	0.95	1	1	12.068955
SU6_str	BOBJ1	10.7667	Before	Interior Girder 1	10.7667	0.95	1	1	8.795539
SU6_str	BOBJ1	10.7667	Before	Interior Girder 2	10.7667	0.95	1	1	7.899931
SU6_str	BOBJ1	10.7667	Before	Interior Girder 3	10.7667	0.95	1	1	7.386843
SU6_str	BOBJ1	10.7667	Before	Interior Girder 4	10.7667	0.95	1	1	7.386843
SU6_str	BOBJ1	10.7667	Before	Interior Girder 5	10.7667	0.95	1	1	7.899931
SU6_str	BOBJ1	10.7667	Before	Interior Girder 6	10.7667	0.95	1	1	8.795539
SU6_str	BOBJ1	10.7667	Before	Right Exterior Girder	10.7667	0.95	1	1	12.068955
SU6_str	BOBJ1	10.7667	After	Left Exterior Girder	10.7667	0.95	1	1	14.850579
SU6_str	BOBJ1	10.7667	After	Interior Girder 1	10.7667	0.95	1	1	12.191229
SU6_str	BOBJ1	10.7667	After	Interior Girder 2	10.7667	0.95	1	1	10.769829
SU6_str	BOBJ1	10.7667	After	Interior Girder 3	10.7667	0.95	1	1	10.203324
SU6_str	BOBJ1	10.7667	After	Interior Girder 4	10.7667	0.95	1	1	10.203324
SU6_str	BOBJ1	10.7667	After	Interior Girder 5	10.7667	0.95	1	1	10.769829
SU6_str	BOBJ1	10.7667	After	Interior Girder 6	10.7667	0.95	1	1	12.191229
SU6_str	BOBJ1	10.7667	After	Right Exterior Girder	10.7667	0.95	1	1	14.850579
SU6_str	BOBJ1	16.15	Before	Left Exterior Girder	16.15	0.95	1	1	15.009267
SU6_str	BOBJ1	16.15	Before	Interior Girder 1	16.15	0.95	1	1	12.375151
SU6_str	BOBJ1	16.15	Before	Interior Girder 2	16.15	0.95	1	1	10.931272
SU6_str	BOBJ1	16.15	Before	Interior Girder 3	16.15	0.95	1	1	10.35685
SU6_str	BOBJ1	16.15	Before	Interior Girder 4	16.15	0.95	1	1	10.35685
SU6_str	BOBJ1	16.15	Before	Interior Girder 5	16.15	0.95	1	1	10.931272
SU6_str	BOBJ1	16.15	Before	Interior Girder 6	16.15	0.95	1	1	12.375151
SU6_str	BOBJ1	16.15	Before	Right Exterior Girder	16.15	0.95	1	1	15.009267
SU6_str	BOBJ1	16.15	After	Left Exterior Girder	16.15	0.95	1	1	25.815307
SU6_str	BOBJ1	16.15	After	Interior Girder 1	16.15	0.95	1	1	11.957128

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Approach, Span 16-19									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
SU6_str	BOBJ1	16.15	After	Interior Girder 2	16.15	0.95	1	1	10.356387
SU6_str	BOBJ1	16.15	After	Interior Girder 3	16.15	0.95	1	1	8.745951
SU6_str	BOBJ1	16.15	After	Interior Girder 4	16.15	0.95	1	1	8.745951
SU6_str	BOBJ1	16.15	After	Interior Girder 5	16.15	0.95	1	1	10.356387
SU6_str	BOBJ1	16.15	After	Interior Girder 6	16.15	0.95	1	1	11.957128
SU6_str	BOBJ1	16.15	After	Right Exterior Girder	16.15	0.95	1	1	25.815307
SU6_str	BOBJ1	22.1267	Before	Left Exterior Girder	22.1267	0.95	1	1	25.509595
SU6_str	BOBJ1	22.1267	Before	Interior Girder 1	22.1267	0.95	1	1	12.15134
SU6_str	BOBJ1	22.1267	Before	Interior Girder 2	22.1267	0.95	1	1	10.525531
SU6_str	BOBJ1	22.1267	Before	Interior Girder 3	22.1267	0.95	1	1	8.888721
SU6_str	BOBJ1	22.1267	Before	Interior Girder 4	22.1267	0.95	1	1	8.888721
SU6_str	BOBJ1	22.1267	Before	Interior Girder 5	22.1267	0.95	1	1	10.525531
SU6_str	BOBJ1	22.1267	Before	Interior Girder 6	22.1267	0.95	1	1	12.15134
SU6_str	BOBJ1	22.1267	Before	Right Exterior Girder	22.1267	0.95	1	1	25.509595
SU6_str	BOBJ1	22.1267	After	Left Exterior Girder	22.1267	0.95	1	1	17.610419
SU6_str	BOBJ1	22.1267	After	Interior Girder 1	22.1267	0.95	1	1	10.993497
SU6_str	BOBJ1	22.1267	After	Interior Girder 2	22.1267	0.95	1	1	10.007364
SU6_str	BOBJ1	22.1267	After	Interior Girder 3	22.1267	0.95	1	1	8.677668
SU6_str	BOBJ1	22.1267	After	Interior Girder 4	22.1267	0.95	1	1	8.677668
SU6_str	BOBJ1	22.1267	After	Interior Girder 5	22.1267	0.95	1	1	10.007364
SU6_str	BOBJ1	22.1267	After	Interior Girder 6	22.1267	0.95	1	1	10.993497
SU6_str	BOBJ1	22.1267	After	Right Exterior Girder	22.1267	0.95	1	1	17.610419
SU6_str	BOBJ1	28.1033	Before	Left Exterior Girder	28.1033	0.95	1	1	17.394182
SU6_str	BOBJ1	28.1033	Before	Interior Girder 1	28.1033	0.95	1	1	10.806945
SU6_str	BOBJ1	28.1033	Before	Interior Girder 2	28.1033	0.95	1	1	9.838276
SU6_str	BOBJ1	28.1033	Before	Interior Girder 3	28.1033	0.95	1	1	8.530963
SU6_str	BOBJ1	28.1033	Before	Interior Girder 4	28.1033	0.95	1	1	8.530963
SU6_str	BOBJ1	28.1033	Before	Interior Girder 5	28.1033	0.95	1	1	9.838276
SU6_str	BOBJ1	28.1033	Before	Interior Girder 6	28.1033	0.95	1	1	10.806945
SU6_str	BOBJ1	28.1033	Before	Right Exterior Girder	28.1033	0.95	1	1	17.394182
SU6_str	BOBJ1	28.1033	After	Left Exterior Girder	28.1033	0.95	1	1	13.140517
SU6_str	BOBJ1	28.1033	After	Interior Girder 1	28.1033	0.95	1	1	7.423146
SU6_str	BOBJ1	28.1033	After	Interior Girder 2	28.1033	0.95	1	1	6.742434
SU6_str	BOBJ1	28.1033	After	Interior Girder 3	28.1033	0.95	1	1	5.747021
SU6_str	BOBJ1	28.1033	After	Interior Girder 4	28.1033	0.95	1	1	5.747021
SU6_str	BOBJ1	28.1033	After	Interior Girder 5	28.1033	0.95	1	1	6.742434
SU6_str	BOBJ1	28.1033	After	Interior Girder 6	28.1033	0.95	1	1	7.423146
SU6_str	BOBJ1	28.1033	After	Right Exterior Girder	28.1033	0.95	1	1	13.140517
SU6_str	BOBJ1	34.08	Before	Left Exterior Girder	34.08	0.95	1	1	12.972896
SU6_str	BOBJ1	34.08	Before	Interior Girder 1	34.08	0.95	1	1	7.294403
SU6_str	BOBJ1	34.08	Before	Interior Girder 2	34.08	0.95	1	1	6.625822
SU6_str	BOBJ1	34.08	Before	Interior Girder 3	34.08	0.95	1	1	5.64748
SU6_str	BOBJ1	34.08	Before	Interior Girder 4	34.08	0.95	1	1	5.64748
SU6_str	BOBJ1	34.08	Before	Interior Girder 5	34.08	0.95	1	1	6.625822
SU6_str	BOBJ1	34.08	Before	Interior Girder 6	34.08	0.95	1	1	7.294403
SU6_str	BOBJ1	34.08	Before	Right Exterior Girder	34.08	0.95	1	1	12.972896
SU6_str	BOBJ1	34.08	After	Left Exterior Girder	34.08	0.95	1	1	8.460879
SU6_str	BOBJ1	34.08	After	Interior Girder 1	34.08	0.95	1	1	6.936836
SU6_str	BOBJ1	34.08	After	Interior Girder 2	34.08	0.95	1	1	6.273646
SU6_str	BOBJ1	34.08	After	Interior Girder 3	34.08	0.95	1	1	5.571794
SU6_str	BOBJ1	34.08	After	Interior Girder 4	34.08	0.95	1	1	5.571794
SU6_str	BOBJ1	34.08	After	Interior Girder 5	34.08	0.95	1	1	6.273646
SU6_str	BOBJ1	34.08	After	Interior Girder 6	34.08	0.95	1	1	6.936836
SU6_str	BOBJ1	34.08	After	Right Exterior Girder	34.08	0.95	1	1	8.460879
SU6_str	BOBJ1	39.855	Before	Left Exterior Girder	39.855	0.95	1	1	8.351928
SU6_str	BOBJ1	39.855	Before	Interior Girder 1	39.855	0.95	1	1	6.817914
SU6_str	BOBJ1	39.855	Before	Interior Girder 2	39.855	0.95	1	1	6.167342
SU6_str	BOBJ1	39.855	Before	Interior Girder 3	39.855	0.95	1	1	5.475128
SU6_str	BOBJ1	39.855	Before	Interior Girder 4	39.855	0.95	1	1	5.475128
SU6_str	BOBJ1	39.855	Before	Interior Girder 5	39.855	0.95	1	1	6.167342
SU6_str	BOBJ1	39.855	Before	Interior Girder 6	39.855	0.95	1	1	6.817914
SU6_str	BOBJ1	39.855	Before	Right Exterior Girder	39.855	0.95	1	1	8.351928
SU6_str	BOBJ1	39.855	After	Left Exterior Girder	39.855	0.95	1	1	4.749325
SU6_str	BOBJ1	39.855	After	Interior Girder 1	39.855	0.95	1	1	6.616543
SU6_str	BOBJ1	39.855	After	Interior Girder 2	39.855	0.95	1	1	4.871255

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Approach, Span 16-19									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
SU6_str	BOBJ1	39.855	After	Interior Girder 3	39.855	0.95	1	1	4.036857
SU6_str	BOBJ1	39.855	After	Interior Girder 4	39.855	0.95	1	1	4.036857
SU6_str	BOBJ1	39.855	After	Interior Girder 5	39.855	0.95	1	1	4.871255
SU6_str	BOBJ1	39.855	After	Interior Girder 6	39.855	0.95	1	1	6.616543
SU6_str	BOBJ1	39.855	After	Right Exterior Girder	39.855	0.95	1	1	4.749325
SU6_str	BOBJ1	40.0288	Before	Left Exterior Girder	40.0288	0.95	1	1	4.747285
SU6_str	BOBJ1	40.0288	Before	Right Exterior Girder	40.0288	0.95	1	1	4.747285
SU6_str	BOBJ1	40.0288	After	Left Exterior Girder	40.0288	0.95	1	1	7.18548
SU6_str	BOBJ1	40.0288	After	Right Exterior Girder	40.0288	0.95	1	1	7.18548
SU6_str	BOBJ1	45.63	Before	Left Exterior Girder	45.63	0.95	1	1	7.08653
SU6_str	BOBJ1	45.63	Before	Interior Girder 1	45.63	0.95	1	1	5.163388
SU6_str	BOBJ1	45.63	Before	Interior Girder 2	45.63	0.95	1	1	4.786936
SU6_str	BOBJ1	45.63	Before	Interior Girder 3	45.63	0.95	1	1	3.964929
SU6_str	BOBJ1	45.63	Before	Interior Girder 4	45.63	0.95	1	1	3.964929
SU6_str	BOBJ1	45.63	Before	Interior Girder 5	45.63	0.95	1	1	4.786936
SU6_str	BOBJ1	45.63	Before	Interior Girder 6	45.63	0.95	1	1	5.163388
SU6_str	BOBJ1	45.63	Before	Right Exterior Girder	45.63	0.95	1	1	7.08653
SU6_str	BOBJ1	45.63	After	Left Exterior Girder	0	0.95	1	1	5.930123
SU6_str	BOBJ1	45.63	After	Interior Girder 1	0	0.95	1	1	4.856617
SU6_str	BOBJ1	45.63	After	Interior Girder 2	0	0.95	1	1	4.494185
SU6_str	BOBJ1	45.63	After	Interior Girder 3	0	0.95	1	1	3.796209
SU6_str	BOBJ1	45.63	After	Interior Girder 4	0	0.95	1	1	3.796209
SU6_str	BOBJ1	45.63	After	Interior Girder 5	0	0.95	1	1	4.494185
SU6_str	BOBJ1	45.63	After	Interior Girder 6	0	0.95	1	1	4.856617
SU6_str	BOBJ1	45.63	After	Right Exterior Girder	0	0.95	1	1	5.930123
SU6_str	BOBJ1	50.6298	Before	Left Exterior Girder	4.9998	0.95	1	1	6.005622
SU6_str	BOBJ1	50.6298	Before	Right Exterior Girder	4.9998	0.95	1	1	6.005622
SU6_str	BOBJ1	50.6298	After	Left Exterior Girder	4.9998	0.95	1	1	4.437549
SU6_str	BOBJ1	50.6298	After	Right Exterior Girder	4.9998	0.95	1	1	4.437549
SU6_str	BOBJ1	51.4	Before	Left Exterior Girder	5.77	0.95	1	1	4.446125
SU6_str	BOBJ1	51.4	Before	Interior Girder 1	5.77	0.95	1	1	5.832738
SU6_str	BOBJ1	51.4	Before	Interior Girder 2	5.77	0.95	1	1	4.574632
SU6_str	BOBJ1	51.4	Before	Interior Girder 3	5.77	0.95	1	1	3.866186
SU6_str	BOBJ1	51.4	Before	Interior Girder 4	5.77	0.95	1	1	3.866186
SU6_str	BOBJ1	51.4	Before	Interior Girder 5	5.77	0.95	1	1	4.574632
SU6_str	BOBJ1	51.4	Before	Interior Girder 6	5.77	0.95	1	1	5.832738
SU6_str	BOBJ1	51.4	Before	Right Exterior Girder	5.77	0.95	1	1	4.446125
SU6_str	BOBJ1	51.4	After	Left Exterior Girder	5.77	0.95	1	1	6.630363
SU6_str	BOBJ1	51.4	After	Interior Girder 1	5.77	0.95	1	1	6.15377
SU6_str	BOBJ1	51.4	After	Interior Girder 2	5.77	0.95	1	1	5.590447
SU6_str	BOBJ1	51.4	After	Interior Girder 3	5.77	0.95	1	1	4.986486
SU6_str	BOBJ1	51.4	After	Interior Girder 4	5.77	0.95	1	1	4.986486
SU6_str	BOBJ1	51.4	After	Interior Girder 5	5.77	0.95	1	1	5.590447
SU6_str	BOBJ1	51.4	After	Interior Girder 6	5.77	0.95	1	1	6.15377
SU6_str	BOBJ1	51.4	After	Right Exterior Girder	5.77	0.95	1	1	6.630363
SU6_str	BOBJ1	57.17	Before	Left Exterior Girder	11.54	0.95	1	1	6.718504
SU6_str	BOBJ1	57.17	Before	Interior Girder 1	11.54	0.95	1	1	6.262817
SU6_str	BOBJ1	57.17	Before	Interior Girder 2	11.54	0.95	1	1	5.688325
SU6_str	BOBJ1	57.17	Before	Interior Girder 3	11.54	0.95	1	1	5.075901
SU6_str	BOBJ1	57.17	Before	Interior Girder 4	11.54	0.95	1	1	5.075901
SU6_str	BOBJ1	57.17	Before	Interior Girder 5	11.54	0.95	1	1	5.688325
SU6_str	BOBJ1	57.17	Before	Interior Girder 6	11.54	0.95	1	1	6.262817
SU6_str	BOBJ1	57.17	Before	Right Exterior Girder	11.54	0.95	1	1	6.718504
SU6_str	BOBJ1	57.17	After	Left Exterior Girder	11.54	0.95	1	1	9.51179
SU6_str	BOBJ1	57.17	After	Interior Girder 1	11.54	0.95	1	1	6.195945
SU6_str	BOBJ1	57.17	After	Interior Girder 2	11.54	0.95	1	1	5.810003
SU6_str	BOBJ1	57.17	After	Interior Girder 3	11.54	0.95	1	1	5.151691
SU6_str	BOBJ1	57.17	After	Interior Girder 4	11.54	0.95	1	1	5.151691
SU6_str	BOBJ1	57.17	After	Interior Girder 5	11.54	0.95	1	1	5.810003
SU6_str	BOBJ1	57.17	After	Interior Girder 6	11.54	0.95	1	1	6.195945
SU6_str	BOBJ1	57.17	After	Right Exterior Girder	11.54	0.95	1	1	9.51179
SU6_str	BOBJ1	63.34	Before	Left Exterior Girder	17.71	0.95	1	1	9.640996
SU6_str	BOBJ1	63.34	Before	Interior Girder 1	17.71	0.95	1	1	6.310873
SU6_str	BOBJ1	63.34	Before	Interior Girder 2	17.71	0.95	1	1	5.917243
SU6_str	BOBJ1	63.34	Before	Interior Girder 3	17.71	0.95	1	1	5.246823

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Approach, Span 16-19									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
SU6_str	BOBJ1	63.34	Before	Interior Girder 4	17.71	0.95	1	1	5.246823
SU6_str	BOBJ1	63.34	Before	Interior Girder 5	17.71	0.95	1	1	5.917243
SU6_str	BOBJ1	63.34	Before	Interior Girder 6	17.71	0.95	1	1	6.310873
SU6_str	BOBJ1	63.34	Before	Right Exterior Girder	17.71	0.95	1	1	9.640996
SU6_str	BOBJ1	63.34	After	Left Exterior Girder	17.71	0.95	1	1	11.081817
SU6_str	BOBJ1	63.34	After	Interior Girder 1	17.71	0.95	1	1	8.276295
SU6_str	BOBJ1	63.34	After	Interior Girder 2	17.71	0.95	1	1	7.621636
SU6_str	BOBJ1	63.34	After	Interior Girder 3	17.71	0.95	1	1	7.20526
SU6_str	BOBJ1	63.34	After	Interior Girder 4	17.71	0.95	1	1	7.20526
SU6_str	BOBJ1	63.34	After	Interior Girder 5	17.71	0.95	1	1	7.621636
SU6_str	BOBJ1	63.34	After	Interior Girder 6	17.71	0.95	1	1	8.276295
SU6_str	BOBJ1	63.34	After	Right Exterior Girder	17.71	0.95	1	1	11.081817
SU6_str	BOBJ1	69.51	Before	Left Exterior Girder	23.88	0.95	1	1	11.226376
SU6_str	BOBJ1	69.51	Before	Interior Girder 1	23.88	0.95	1	1	8.426283
SU6_str	BOBJ1	69.51	Before	Interior Girder 2	23.88	0.95	1	1	7.758847
SU6_str	BOBJ1	69.51	Before	Interior Girder 3	23.88	0.95	1	1	7.334922
SU6_str	BOBJ1	69.51	Before	Interior Girder 4	23.88	0.95	1	1	7.334922
SU6_str	BOBJ1	69.51	Before	Interior Girder 5	23.88	0.95	1	1	7.758847
SU6_str	BOBJ1	69.51	Before	Interior Girder 6	23.88	0.95	1	1	8.426283
SU6_str	BOBJ1	69.51	Before	Right Exterior Girder	23.88	0.95	1	1	11.226376
SU6_str	BOBJ1	69.51	After	Left Exterior Girder	23.88	0.95	1	1	13.195361
SU6_str	BOBJ1	69.51	After	Interior Girder 1	23.88	0.95	1	1	11.244272
SU6_str	BOBJ1	69.51	After	Interior Girder 2	23.88	0.95	1	1	10.23466
SU6_str	BOBJ1	69.51	After	Interior Girder 3	23.88	0.95	1	1	9.335101
SU6_str	BOBJ1	69.51	After	Interior Girder 4	23.88	0.95	1	1	9.335101
SU6_str	BOBJ1	69.51	After	Interior Girder 5	23.88	0.95	1	1	10.23466
SU6_str	BOBJ1	69.51	After	Interior Girder 6	23.88	0.95	1	1	11.244272
SU6_str	BOBJ1	69.51	After	Right Exterior Girder	23.88	0.95	1	1	13.195361
SU6_str	BOBJ1	75.68	Before	Left Exterior Girder	30.05	0.95	1	1	13.361035
SU6_str	BOBJ1	75.68	Before	Interior Girder 1	30.05	0.95	1	1	11.443325
SU6_str	BOBJ1	75.68	Before	Interior Girder 2	30.05	0.95	1	1	10.414391
SU6_str	BOBJ1	75.68	Before	Interior Girder 3	30.05	0.95	1	1	9.182134
SU6_str	BOBJ1	75.68	Before	Interior Girder 4	30.05	0.95	1	1	9.182134
SU6_str	BOBJ1	75.68	Before	Interior Girder 5	30.05	0.95	1	1	10.414391
SU6_str	BOBJ1	75.68	Before	Interior Girder 6	30.05	0.95	1	1	11.443325
SU6_str	BOBJ1	75.68	Before	Right Exterior Girder	30.05	0.95	1	1	13.361035
SU6_str	BOBJ1	75.68	After	Left Exterior Girder	30.05	0.95	1	1	21.220623
SU6_str	BOBJ1	75.68	After	Interior Girder 1	30.05	0.95	1	1	10.387302
SU6_str	BOBJ1	75.68	After	Interior Girder 2	30.05	0.95	1	1	8.979395
SU6_str	BOBJ1	75.68	After	Interior Girder 3	30.05	0.95	1	1	7.591708
SU6_str	BOBJ1	75.68	After	Interior Girder 4	30.05	0.95	1	1	7.591708
SU6_str	BOBJ1	75.68	After	Interior Girder 5	30.05	0.95	1	1	8.979395
SU6_str	BOBJ1	75.68	After	Interior Girder 6	30.05	0.95	1	1	10.387302
SU6_str	BOBJ1	75.68	After	Right Exterior Girder	30.05	0.95	1	1	21.220623
SU6_str	BOBJ1	81.8467	Before	Left Exterior Girder	36.2167	0.95	1	1	20.967854
SU6_str	BOBJ1	81.8467	Before	Interior Girder 1	36.2167	0.95	1	1	10.564343
SU6_str	BOBJ1	81.8467	Before	Interior Girder 2	36.2167	0.95	1	1	9.1331
SU6_str	BOBJ1	81.8467	Before	Interior Girder 3	36.2167	0.95	1	1	7.721696
SU6_str	BOBJ1	81.8467	Before	Interior Girder 4	36.2167	0.95	1	1	7.721696
SU6_str	BOBJ1	81.8467	Before	Interior Girder 5	36.2167	0.95	1	1	9.1331
SU6_str	BOBJ1	81.8467	Before	Interior Girder 6	36.2167	0.95	1	1	10.564343
SU6_str	BOBJ1	81.8467	Before	Right Exterior Girder	36.2167	0.95	1	1	20.967854
SU6_str	BOBJ1	81.8467	After	Left Exterior Girder	36.2167	0.95	1	1	16.412064
SU6_str	BOBJ1	81.8467	After	Interior Girder 1	36.2167	0.95	1	1	10.706098
SU6_str	BOBJ1	81.8467	After	Interior Girder 2	36.2167	0.95	1	1	9.750027
SU6_str	BOBJ1	81.8467	After	Interior Girder 3	36.2167	0.95	1	1	8.889405
SU6_str	BOBJ1	81.8467	After	Interior Girder 4	36.2167	0.95	1	1	8.889405
SU6_str	BOBJ1	81.8467	After	Interior Girder 5	36.2167	0.95	1	1	9.750027
SU6_str	BOBJ1	81.8467	After	Interior Girder 6	36.2167	0.95	1	1	10.706098
SU6_str	BOBJ1	81.8467	After	Right Exterior Girder	36.2167	0.95	1	1	16.412064
SU6_str	BOBJ1	88.0133	Before	Left Exterior Girder	42.3833	0.95	1	1	16.209387
SU6_str	BOBJ1	88.0133	Before	Interior Girder 1	42.3833	0.95	1	1	10.521701
SU6_str	BOBJ1	88.0133	Before	Interior Girder 2	42.3833	0.95	1	1	9.582563
SU6_str	BOBJ1	88.0133	Before	Interior Girder 3	42.3833	0.95	1	1	8.736839
SU6_str	BOBJ1	88.0133	Before	Interior Girder 4	42.3833	0.95	1	1	8.736839

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Approach, Span 16-19									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
SU6_str	BOBJ1	88.0133	Before	Interior Girder 5	42.3833	0.95	1	1	9.582563
SU6_str	BOBJ1	88.0133	Before	Interior Girder 6	42.3833	0.95	1	1	10.521701
SU6_str	BOBJ1	88.0133	Before	Right Exterior Girder	42.3833	0.95	1	1	16.209387
SU6_str	BOBJ1	88.0133	After	Left Exterior Girder	42.3833	0.95	1	1	13.499459
SU6_str	BOBJ1	88.0133	After	Interior Girder 1	42.3833	0.95	1	1	7.679767
SU6_str	BOBJ1	88.0133	After	Interior Girder 2	42.3833	0.95	1	1	7.098758
SU6_str	BOBJ1	88.0133	After	Interior Girder 3	42.3833	0.95	1	1	6.123523
SU6_str	BOBJ1	88.0133	After	Interior Girder 4	42.3833	0.95	1	1	6.123523
SU6_str	BOBJ1	88.0133	After	Interior Girder 5	42.3833	0.95	1	1	7.098758
SU6_str	BOBJ1	88.0133	After	Interior Girder 6	42.3833	0.95	1	1	7.679767
SU6_str	BOBJ1	88.0133	After	Right Exterior Girder	42.3833	0.95	1	1	13.499459
SU6_str	BOBJ1	94.18	Before	Left Exterior Girder	48.55	0.95	1	1	13.326328
SU6_str	BOBJ1	94.18	Before	Interior Girder 1	48.55	0.95	1	1	7.544477
SU6_str	BOBJ1	94.18	Before	Interior Girder 2	48.55	0.95	1	1	6.973845
SU6_str	BOBJ1	94.18	Before	Interior Girder 3	48.55	0.95	1	1	6.01585
SU6_str	BOBJ1	94.18	Before	Interior Girder 4	48.55	0.95	1	1	6.01585
SU6_str	BOBJ1	94.18	Before	Interior Girder 5	48.55	0.95	1	1	6.973845
SU6_str	BOBJ1	94.18	Before	Interior Girder 6	48.55	0.95	1	1	7.544477
SU6_str	BOBJ1	94.18	Before	Right Exterior Girder	48.55	0.95	1	1	13.326328
SU6_str	BOBJ1	94.18	After	Left Exterior Girder	48.55	0.95	1	1	8.323441
SU6_str	BOBJ1	94.18	After	Interior Girder 1	48.55	0.95	1	1	7.900137
SU6_str	BOBJ1	94.18	After	Interior Girder 2	48.55	0.95	1	1	7.193284
SU6_str	BOBJ1	94.18	After	Interior Girder 3	48.55	0.95	1	1	6.718475
SU6_str	BOBJ1	94.18	After	Interior Girder 4	48.55	0.95	1	1	6.718475
SU6_str	BOBJ1	94.18	After	Interior Girder 5	48.55	0.95	1	1	7.193284
SU6_str	BOBJ1	94.18	After	Interior Girder 6	48.55	0.95	1	1	7.900137
SU6_str	BOBJ1	94.18	After	Right Exterior Girder	48.55	0.95	1	1	8.323441
SU6_str	BOBJ1	100.3567	Before	Left Exterior Girder	54.7267	0.95	1	1	8.212523
SU6_str	BOBJ1	100.3567	Before	Interior Girder 1	54.7267	0.95	1	1	7.756565
SU6_str	BOBJ1	100.3567	Before	Interior Girder 2	54.7267	0.95	1	1	7.06392
SU6_str	BOBJ1	100.3567	Before	Interior Girder 3	54.7267	0.95	1	1	6.596349
SU6_str	BOBJ1	100.3567	Before	Interior Girder 4	54.7267	0.95	1	1	6.596349
SU6_str	BOBJ1	100.3567	Before	Interior Girder 5	54.7267	0.95	1	1	7.06392
SU6_str	BOBJ1	100.3567	Before	Interior Girder 6	54.7267	0.95	1	1	7.756565
SU6_str	BOBJ1	100.3567	Before	Right Exterior Girder	54.7267	0.95	1	1	8.212523
SU6_str	BOBJ1	100.3567	After	Left Exterior Girder	54.7267	0.95	1	1	7.272456
SU6_str	BOBJ1	100.3567	After	Interior Girder 1	54.7267	0.95	1	1	6.080312
SU6_str	BOBJ1	100.3567	After	Interior Girder 2	54.7267	0.95	1	1	5.583039
SU6_str	BOBJ1	100.3567	After	Interior Girder 3	54.7267	0.95	1	1	5.045001
SU6_str	BOBJ1	100.3567	After	Interior Girder 4	54.7267	0.95	1	1	5.045001
SU6_str	BOBJ1	100.3567	After	Interior Girder 5	54.7267	0.95	1	1	5.583039
SU6_str	BOBJ1	100.3567	After	Interior Girder 6	54.7267	0.95	1	1	6.080312
SU6_str	BOBJ1	100.3567	After	Right Exterior Girder	54.7267	0.95	1	1	7.272456
SU6_str	BOBJ1	106.5333	Before	Left Exterior Girder	60.9033	0.95	1	1	7.171429
SU6_str	BOBJ1	106.5333	Before	Interior Girder 1	60.9033	0.95	1	1	5.967232
SU6_str	BOBJ1	106.5333	Before	Interior Girder 2	60.9033	0.95	1	1	5.480152
SU6_str	BOBJ1	106.5333	Before	Interior Girder 3	60.9033	0.95	1	1	4.950816
SU6_str	BOBJ1	106.5333	Before	Interior Girder 4	60.9033	0.95	1	1	4.950816
SU6_str	BOBJ1	106.5333	Before	Interior Girder 5	60.9033	0.95	1	1	5.480152
SU6_str	BOBJ1	106.5333	Before	Interior Girder 6	60.9033	0.95	1	1	5.967232
SU6_str	BOBJ1	106.5333	Before	Right Exterior Girder	60.9033	0.95	1	1	7.171429
SU6_str	BOBJ1	106.5333	After	Left Exterior Girder	60.9033	0.95	1	1	5.780837
SU6_str	BOBJ1	106.5333	After	Interior Girder 1	60.9033	0.95	1	1	4.97374
SU6_str	BOBJ1	106.5333	After	Interior Girder 2	60.9033	0.95	1	1	4.4024
SU6_str	BOBJ1	106.5333	After	Interior Girder 3	60.9033	0.95	1	1	3.692495
SU6_str	BOBJ1	106.5333	After	Interior Girder 4	60.9033	0.95	1	1	3.692495
SU6_str	BOBJ1	106.5333	After	Interior Girder 5	60.9033	0.95	1	1	4.4024
SU6_str	BOBJ1	106.5333	After	Interior Girder 6	60.9033	0.95	1	1	4.97374
SU6_str	BOBJ1	106.5333	After	Right Exterior Girder	60.9033	0.95	1	1	5.780837
SU6_str	BOBJ1	108.2102	Before	Left Exterior Girder	62.5802	0.95	1	1	5.757688
SU6_str	BOBJ1	108.2102	Before	Right Exterior Girder	62.5802	0.95	1	1	5.757688
SU6_str	BOBJ1	108.2102	After	Left Exterior Girder	62.5802	0.95	1	1	6.511543
SU6_str	BOBJ1	108.2102	After	Right Exterior Girder	62.5802	0.95	1	1	6.511543
SU6_str	BOBJ1	112.71	Before	Left Exterior Girder	67.08	0.95	1	1	6.438135
SU6_str	BOBJ1	112.71	Before	Interior Girder 1	67.08	0.95	1	1	4.620256

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Approach, Span 16-19									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
SU6_str	BOBJ1	112.71	Before	Interior Girder 2	67.08	0.95	1	1	4.319334
SU6_str	BOBJ1	112.71	Before	Interior Girder 3	67.08	0.95	1	1	3.621562
SU6_str	BOBJ1	112.71	Before	Interior Girder 4	67.08	0.95	1	1	3.621562
SU6_str	BOBJ1	112.71	Before	Interior Girder 5	67.08	0.95	1	1	4.319334
SU6_str	BOBJ1	112.71	Before	Interior Girder 6	67.08	0.95	1	1	4.620256
SU6_str	BOBJ1	112.71	Before	Right Exterior Girder	67.08	0.95	1	1	6.438135
SU6_str	BOBJ1	112.71	After	Left Exterior Girder	0	0.95	1	1	7.464844
SU6_str	BOBJ1	112.71	After	Interior Girder 1	0	0.95	1	1	4.951051
SU6_str	BOBJ1	112.71	After	Interior Girder 2	0	0.95	1	1	4.594058
SU6_str	BOBJ1	112.71	After	Interior Girder 3	0	0.95	1	1	3.784986
SU6_str	BOBJ1	112.71	After	Interior Girder 4	0	0.95	1	1	3.784986
SU6_str	BOBJ1	112.71	After	Interior Girder 5	0	0.95	1	1	4.594058
SU6_str	BOBJ1	112.71	After	Interior Girder 6	0	0.95	1	1	4.951051
SU6_str	BOBJ1	112.71	After	Right Exterior Girder	0	0.95	1	1	7.464844
SU6_str	BOBJ1	117.21	Before	Left Exterior Girder	4.5	0.95	1	1	7.547507
SU6_str	BOBJ1	117.21	Before	Right Exterior Girder	4.5	0.95	1	1	7.547507
SU6_str	BOBJ1	117.21	After	Left Exterior Girder	4.5	0.95	1	1	7.001019
SU6_str	BOBJ1	117.21	After	Right Exterior Girder	4.5	0.95	1	1	7.001019
SU6_str	BOBJ1	119.1	Before	Left Exterior Girder	6.39	0.95	1	1	7.031566
SU6_str	BOBJ1	119.1	Before	Interior Girder 1	6.39	0.95	1	1	5.201863
SU6_str	BOBJ1	119.1	Before	Interior Girder 2	6.39	0.95	1	1	4.683401
SU6_str	BOBJ1	119.1	Before	Interior Girder 3	6.39	0.95	1	1	3.860007
SU6_str	BOBJ1	119.1	Before	Interior Girder 4	6.39	0.95	1	1	3.860007
SU6_str	BOBJ1	119.1	Before	Interior Girder 5	6.39	0.95	1	1	4.683401
SU6_str	BOBJ1	119.1	Before	Interior Girder 6	6.39	0.95	1	1	5.201863
SU6_str	BOBJ1	119.1	Before	Right Exterior Girder	6.39	0.95	1	1	7.031566
SU6_str	BOBJ1	119.1	After	Left Exterior Girder	6.39	0.95	1	1	8.8042
SU6_str	BOBJ1	119.1	After	Interior Girder 1	6.39	0.95	1	1	6.639588
SU6_str	BOBJ1	119.1	After	Interior Girder 2	6.39	0.95	1	1	6.022781
SU6_str	BOBJ1	119.1	After	Interior Girder 3	6.39	0.95	1	1	5.415975
SU6_str	BOBJ1	119.1	After	Interior Girder 4	6.39	0.95	1	1	5.415975
SU6_str	BOBJ1	119.1	After	Interior Girder 5	6.39	0.95	1	1	6.022781
SU6_str	BOBJ1	119.1	After	Interior Girder 6	6.39	0.95	1	1	6.639588
SU6_str	BOBJ1	119.1	After	Right Exterior Girder	6.39	0.95	1	1	8.8042
SU6_str	BOBJ1	125.49	Before	Left Exterior Girder	12.78	0.95	1	1	8.928735
SU6_str	BOBJ1	125.49	Before	Interior Girder 1	12.78	0.95	1	1	6.766497
SU6_str	BOBJ1	125.49	Before	Interior Girder 2	12.78	0.95	1	1	6.137094
SU6_str	BOBJ1	125.49	Before	Interior Girder 3	12.78	0.95	1	1	5.520217
SU6_str	BOBJ1	125.49	Before	Interior Girder 4	12.78	0.95	1	1	5.520217
SU6_str	BOBJ1	125.49	Before	Interior Girder 5	12.78	0.95	1	1	6.137094
SU6_str	BOBJ1	125.49	Before	Interior Girder 6	12.78	0.95	1	1	6.766497
SU6_str	BOBJ1	125.49	Before	Right Exterior Girder	12.78	0.95	1	1	8.928735
SU6_str	BOBJ1	125.49	After	Left Exterior Girder	12.78	0.95	1	1	10.421909
SU6_str	BOBJ1	125.49	After	Interior Girder 1	12.78	0.95	1	1	9.095444
SU6_str	BOBJ1	125.49	After	Interior Girder 2	12.78	0.95	1	1	8.120154
SU6_str	BOBJ1	125.49	After	Interior Girder 3	12.78	0.95	1	1	7.538934
SU6_str	BOBJ1	125.49	After	Interior Girder 4	12.78	0.95	1	1	7.538934
SU6_str	BOBJ1	125.49	After	Interior Girder 5	12.78	0.95	1	1	8.120154
SU6_str	BOBJ1	125.49	After	Interior Girder 6	12.78	0.95	1	1	9.095444
SU6_str	BOBJ1	125.49	After	Right Exterior Girder	12.78	0.95	1	1	10.421909
SU6_str	BOBJ1	131.88	Before	Left Exterior Girder	19.17	0.95	1	1	10.5632
SU6_str	BOBJ1	131.88	Before	Interior Girder 1	19.17	0.95	1	1	9.265209
SU6_str	BOBJ1	131.88	Before	Interior Girder 2	19.17	0.95	1	1	8.270456
SU6_str	BOBJ1	131.88	Before	Interior Girder 3	19.17	0.95	1	1	7.680121
SU6_str	BOBJ1	131.88	Before	Interior Girder 4	19.17	0.95	1	1	7.680121
SU6_str	BOBJ1	131.88	Before	Interior Girder 5	19.17	0.95	1	1	8.270456
SU6_str	BOBJ1	131.88	Before	Interior Girder 6	19.17	0.95	1	1	9.265209
SU6_str	BOBJ1	131.88	Before	Right Exterior Girder	19.17	0.95	1	1	10.5632
SU6_str	BOBJ1	131.88	After	Left Exterior Girder	19.17	0.95	1	1	19.152304
SU6_str	BOBJ1	131.88	After	Interior Girder 1	19.17	0.95	1	1	8.976547
SU6_str	BOBJ1	131.88	After	Interior Girder 2	19.17	0.95	1	1	8.021353
SU6_str	BOBJ1	131.88	After	Interior Girder 3	19.17	0.95	1	1	6.807311
SU6_str	BOBJ1	131.88	After	Interior Girder 4	19.17	0.95	1	1	6.807311
SU6_str	BOBJ1	131.88	After	Interior Girder 5	19.17	0.95	1	1	8.021353
SU6_str	BOBJ1	131.88	After	Interior Girder 6	19.17	0.95	1	1	8.976547

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Approach, Span 16-19									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
SU6_str	BOBJ1	131.88	After	Right Exterior Girder	19.17	0.95	1	1	19.152304
SU6_str	BOBJ1	138.27	Before	Left Exterior Girder	25.56	0.95	1	1	19.401929
SU6_str	BOBJ1	138.27	Before	Interior Girder 1	25.56	0.95	1	1	9.139112
SU6_str	BOBJ1	138.27	Before	Interior Girder 2	25.56	0.95	1	1	8.166896
SU6_str	BOBJ1	138.27	Before	Interior Girder 3	25.56	0.95	1	1	6.930858
SU6_str	BOBJ1	138.27	Before	Interior Girder 4	25.56	0.95	1	1	6.930858
SU6_str	BOBJ1	138.27	Before	Interior Girder 5	25.56	0.95	1	1	8.166896
SU6_str	BOBJ1	138.27	Before	Interior Girder 6	25.56	0.95	1	1	9.139112
SU6_str	BOBJ1	138.27	Before	Right Exterior Girder	25.56	0.95	1	1	19.401929
SU6_str	BOBJ1	138.27	After	Left Exterior Girder	25.56	0.95	1	1	23.80617
SU6_str	BOBJ1	138.27	After	Interior Girder 1	25.56	0.95	1	1	13.611411
SU6_str	BOBJ1	138.27	After	Interior Girder 2	25.56	0.95	1	1	12.182765
SU6_str	BOBJ1	138.27	After	Interior Girder 3	25.56	0.95	1	1	10.551008
SU6_str	BOBJ1	138.27	After	Interior Girder 4	25.56	0.95	1	1	10.551008
SU6_str	BOBJ1	138.27	After	Interior Girder 5	25.56	0.95	1	1	12.182765
SU6_str	BOBJ1	138.27	After	Interior Girder 6	25.56	0.95	1	1	13.611411
SU6_str	BOBJ1	138.27	After	Right Exterior Girder	25.56	0.95	1	1	23.80617
SU6_str	BOBJ1	144.66	Before	Left Exterior Girder	31.95	0.95	1	1	23.50962
SU6_str	BOBJ1	144.66	Before	Interior Girder 1	31.95	0.95	1	1	13.374303
SU6_str	BOBJ1	144.66	Before	Interior Girder 2	31.95	0.95	1	1	11.970615
SU6_str	BOBJ1	144.66	Before	Interior Girder 3	31.95	0.95	1	1	10.367287
SU6_str	BOBJ1	144.66	Before	Interior Girder 4	31.95	0.95	1	1	10.367287
SU6_str	BOBJ1	144.66	Before	Interior Girder 5	31.95	0.95	1	1	11.970615
SU6_str	BOBJ1	144.66	Before	Interior Girder 6	31.95	0.95	1	1	13.374303
SU6_str	BOBJ1	144.66	Before	Right Exterior Girder	31.95	0.95	1	1	23.50962
SU6_str	BOBJ1	144.66	After	Left Exterior Girder	31.95	0.95	1	1	17.6873
SU6_str	BOBJ1	144.66	After	Interior Girder 1	31.95	0.95	1	1	8.880546
SU6_str	BOBJ1	144.66	After	Interior Girder 2	31.95	0.95	1	1	7.943757
SU6_str	BOBJ1	144.66	After	Interior Girder 3	31.95	0.95	1	1	6.759042
SU6_str	BOBJ1	144.66	After	Interior Girder 4	31.95	0.95	1	1	6.759042
SU6_str	BOBJ1	144.66	After	Interior Girder 5	31.95	0.95	1	1	7.943757
SU6_str	BOBJ1	144.66	After	Interior Girder 6	31.95	0.95	1	1	8.880546
SU6_str	BOBJ1	144.66	After	Right Exterior Girder	31.95	0.95	1	1	17.6873
SU6_str	BOBJ1	151.05	Before	Left Exterior Girder	38.34	0.95	1	1	17.458363
SU6_str	BOBJ1	151.05	Before	Interior Girder 1	38.34	0.95	1	1	8.722282
SU6_str	BOBJ1	151.05	Before	Interior Girder 2	38.34	0.95	1	1	7.802013
SU6_str	BOBJ1	151.05	Before	Interior Girder 3	38.34	0.95	1	1	6.638418
SU6_str	BOBJ1	151.05	Before	Interior Girder 4	38.34	0.95	1	1	6.638418
SU6_str	BOBJ1	151.05	Before	Interior Girder 5	38.34	0.95	1	1	7.802013
SU6_str	BOBJ1	151.05	Before	Interior Girder 6	38.34	0.95	1	1	8.722282
SU6_str	BOBJ1	151.05	Before	Right Exterior Girder	38.34	0.95	1	1	17.458363
SU6_str	BOBJ1	151.05	After	Left Exterior Girder	38.34	0.95	1	1	9.968486
SU6_str	BOBJ1	151.05	After	Interior Girder 1	38.34	0.95	1	1	8.922319
SU6_str	BOBJ1	151.05	After	Interior Girder 2	38.34	0.95	1	1	7.962972
SU6_str	BOBJ1	151.05	After	Interior Girder 3	38.34	0.95	1	1	7.361211
SU6_str	BOBJ1	151.05	After	Interior Girder 4	38.34	0.95	1	1	7.361211
SU6_str	BOBJ1	151.05	After	Interior Girder 5	38.34	0.95	1	1	7.962972
SU6_str	BOBJ1	151.05	After	Interior Girder 6	38.34	0.95	1	1	8.922319
SU6_str	BOBJ1	151.05	After	Right Exterior Girder	38.34	0.95	1	1	9.968486
SU6_str	BOBJ1	157.4367	Before	Left Exterior Girder	44.7267	0.95	1	1	9.834245
SU6_str	BOBJ1	157.4367	Before	Interior Girder 1	44.7267	0.95	1	1	8.758788
SU6_str	BOBJ1	157.4367	Before	Interior Girder 2	44.7267	0.95	1	1	7.818253
SU6_str	BOBJ1	157.4367	Before	Interior Girder 3	44.7267	0.95	1	1	7.225682
SU6_str	BOBJ1	157.4367	Before	Interior Girder 4	44.7267	0.95	1	1	7.225682
SU6_str	BOBJ1	157.4367	Before	Interior Girder 5	44.7267	0.95	1	1	7.818253
SU6_str	BOBJ1	157.4367	Before	Interior Girder 6	44.7267	0.95	1	1	8.758788
SU6_str	BOBJ1	157.4367	Before	Right Exterior Girder	44.7267	0.95	1	1	9.834245
SU6_str	BOBJ1	157.4367	After	Left Exterior Girder	44.7267	0.95	1	1	8.395507
SU6_str	BOBJ1	157.4367	After	Interior Girder 1	44.7267	0.95	1	1	6.895029
SU6_str	BOBJ1	157.4367	After	Interior Girder 2	44.7267	0.95	1	1	6.179439
SU6_str	BOBJ1	157.4367	After	Interior Girder 3	44.7267	0.95	1	1	5.398542
SU6_str	BOBJ1	157.4367	After	Interior Girder 4	44.7267	0.95	1	1	5.398542
SU6_str	BOBJ1	157.4367	After	Interior Girder 5	44.7267	0.95	1	1	6.179439
SU6_str	BOBJ1	157.4367	After	Interior Girder 6	44.7267	0.95	1	1	6.895029
SU6_str	BOBJ1	157.4367	After	Right Exterior Girder	44.7267	0.95	1	1	8.395507

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Approach, Span 16-19									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
SU6_str	BOBJ1	158.71	Before	Left Exterior Girder	46	0.95	1	1	8.372147
SU6_str	BOBJ1	158.71	Before	Interior Girder 1	46	0.95	1	1	6.869396
SU6_str	BOBJ1	158.71	Before	Interior Girder 2	46	0.95	1	1	6.156588
SU6_str	BOBJ1	158.71	Before	Interior Girder 3	46	0.95	1	1	5.37823
SU6_str	BOBJ1	158.71	Before	Interior Girder 4	46	0.95	1	1	5.37823
SU6_str	BOBJ1	158.71	Before	Interior Girder 5	46	0.95	1	1	6.156588
SU6_str	BOBJ1	158.71	Before	Interior Girder 6	46	0.95	1	1	6.869396
SU6_str	BOBJ1	158.71	Before	Right Exterior Girder	46	0.95	1	1	8.372147
SU6_str	BOBJ1	158.71	After	Left Exterior Girder	46	0.95	1	1	10.362451
SU6_str	BOBJ1	158.71	After	Interior Girder 1	46	0.95	1	1	7.370714
SU6_str	BOBJ1	158.71	After	Interior Girder 2	46	0.95	1	1	6.744781
SU6_str	BOBJ1	158.71	After	Interior Girder 3	46	0.95	1	1	5.938932
SU6_str	BOBJ1	158.71	After	Interior Girder 4	46	0.95	1	1	5.938932
SU6_str	BOBJ1	158.71	After	Interior Girder 5	46	0.95	1	1	6.744781
SU6_str	BOBJ1	158.71	After	Interior Girder 6	46	0.95	1	1	7.370714
SU6_str	BOBJ1	158.71	After	Right Exterior Girder	46	0.95	1	1	10.362451
SU6_str	BOBJ1	163.8233	Before	Left Exterior Girder	51.1133	0.95	1	1	10.262177
SU6_str	BOBJ1	163.8233	Before	Interior Girder 1	51.1133	0.95	1	1	7.272294
SU6_str	BOBJ1	163.8233	Before	Interior Girder 2	51.1133	0.95	1	1	6.655255
SU6_str	BOBJ1	163.8233	Before	Interior Girder 3	51.1133	0.95	1	1	5.859015
SU6_str	BOBJ1	163.8233	Before	Interior Girder 4	51.1133	0.95	1	1	5.859015
SU6_str	BOBJ1	163.8233	Before	Interior Girder 5	51.1133	0.95	1	1	6.655255
SU6_str	BOBJ1	163.8233	Before	Interior Girder 6	51.1133	0.95	1	1	7.272294
SU6_str	BOBJ1	163.8233	Before	Right Exterior Girder	51.1133	0.95	1	1	10.262177
SU6_str	BOBJ1	163.8233	After	Left Exterior Girder	51.1133	0.95	1	1	7.72112
SU6_str	BOBJ1	163.8233	After	Interior Girder 1	51.1133	0.95	1	1	6.255314
SU6_str	BOBJ1	163.8233	After	Interior Girder 2	51.1133	0.95	1	1	5.404354
SU6_str	BOBJ1	163.8233	After	Interior Girder 3	51.1133	0.95	1	1	4.438249
SU6_str	BOBJ1	163.8233	After	Interior Girder 4	51.1133	0.95	1	1	4.438249
SU6_str	BOBJ1	163.8233	After	Interior Girder 5	51.1133	0.95	1	1	5.404354
SU6_str	BOBJ1	163.8233	After	Interior Girder 6	51.1133	0.95	1	1	6.255314
SU6_str	BOBJ1	163.8233	After	Right Exterior Girder	51.1133	0.95	1	1	7.72112
SU6_str	BOBJ1	164.71	Before	Left Exterior Girder	52	0.95	1	1	7.707624
SU6_str	BOBJ1	164.71	Before	Right Exterior Girder	52	0.95	1	1	7.707624
SU6_str	BOBJ1	164.71	After	Left Exterior Girder	52	0.95	1	1	9.236094
SU6_str	BOBJ1	164.71	After	Right Exterior Girder	52	0.95	1	1	9.236094
SU6_str	BOBJ1	170.21	Before	Left Exterior Girder	57.5	0.95	1	1	9.127957
SU6_str	BOBJ1	170.21	Before	Interior Girder 1	57.5	0.95	1	1	5.717533
SU6_str	BOBJ1	170.21	Before	Interior Girder 2	57.5	0.95	1	1	5.313221
SU6_str	BOBJ1	170.21	Before	Interior Girder 3	57.5	0.95	1	1	4.362055
SU6_str	BOBJ1	170.21	Before	Interior Girder 4	57.5	0.95	1	1	4.362055
SU6_str	BOBJ1	170.21	Before	Interior Girder 5	57.5	0.95	1	1	5.313221
SU6_str	BOBJ1	170.21	Before	Interior Girder 6	57.5	0.95	1	1	5.717533
SU6_str	BOBJ1	170.21	Before	Right Exterior Girder	57.5	0.95	1	1	9.127957
SU6_str	BOBJ1	170.21	After	Left Exterior Girder	0	0.95	1	1	8.083895
SU6_str	BOBJ1	170.21	After	Interior Girder 1	0	0.95	1	1	5.34264
SU6_str	BOBJ1	170.21	After	Interior Girder 2	0	0.95	1	1	4.978338
SU6_str	BOBJ1	170.21	After	Interior Girder 3	0	0.95	1	1	4.152958
SU6_str	BOBJ1	170.21	After	Interior Girder 4	0	0.95	1	1	4.152958
SU6_str	BOBJ1	170.21	After	Interior Girder 5	0	0.95	1	1	4.978338
SU6_str	BOBJ1	170.21	After	Interior Girder 6	0	0.95	1	1	5.34264
SU6_str	BOBJ1	170.21	After	Right Exterior Girder	0	0.95	1	1	8.083895
SU6_str	BOBJ1	176.21	Before	Left Exterior Girder	6	0.95	1	1	8.191578
SU6_str	BOBJ1	176.21	Before	Right Exterior Girder	6	0.95	1	1	8.191578
SU6_str	BOBJ1	176.21	After	Left Exterior Girder	6	0.95	1	1	5.39299
SU6_str	BOBJ1	176.21	After	Right Exterior Girder	6	0.95	1	1	5.39299
SU6_str	BOBJ1	176.6	Before	Left Exterior Girder	6.39	0.95	1	1	5.397473
SU6_str	BOBJ1	176.6	Before	Interior Girder 1	6.39	0.95	1	1	6.758903
SU6_str	BOBJ1	176.6	Before	Interior Girder 2	6.39	0.95	1	1	5.065898
SU6_str	BOBJ1	176.6	Before	Interior Girder 3	6.39	0.95	1	1	4.227302
SU6_str	BOBJ1	176.6	Before	Interior Girder 4	6.39	0.95	1	1	4.227302
SU6_str	BOBJ1	176.6	Before	Interior Girder 5	6.39	0.95	1	1	5.065898
SU6_str	BOBJ1	176.6	Before	Interior Girder 6	6.39	0.95	1	1	6.758903
SU6_str	BOBJ1	176.6	Before	Right Exterior Girder	6.39	0.95	1	1	5.397473
SU6_str	BOBJ1	176.6	After	Left Exterior Girder	6.39	0.95	1	1	8.900852

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Approach, Span 16-19									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
SU6_str	BOBJ1	176.6	After	Interior Girder 1	6.39	0.95	1	1	6.916322
SU6_str	BOBJ1	176.6	After	Interior Girder 2	6.39	0.95	1	1	6.273238
SU6_str	BOBJ1	176.6	After	Interior Girder 3	6.39	0.95	1	1	5.639524
SU6_str	BOBJ1	176.6	After	Interior Girder 4	6.39	0.95	1	1	5.639524
SU6_str	BOBJ1	176.6	After	Interior Girder 5	6.39	0.95	1	1	6.273238
SU6_str	BOBJ1	176.6	After	Interior Girder 6	6.39	0.95	1	1	6.916322
SU6_str	BOBJ1	176.6	After	Right Exterior Girder	6.39	0.95	1	1	8.900852
SU6_str	BOBJ1	182.99	Before	Left Exterior Girder	12.78	0.95	1	1	9.012545
SU6_str	BOBJ1	182.99	Before	Interior Girder 1	12.78	0.95	1	1	7.036306
SU6_str	BOBJ1	182.99	Before	Interior Girder 2	12.78	0.95	1	1	6.38121
SU6_str	BOBJ1	182.99	Before	Interior Girder 3	12.78	0.95	1	1	5.737847
SU6_str	BOBJ1	182.99	Before	Interior Girder 4	12.78	0.95	1	1	5.737847
SU6_str	BOBJ1	182.99	Before	Interior Girder 5	12.78	0.95	1	1	6.38121
SU6_str	BOBJ1	182.99	Before	Interior Girder 6	12.78	0.95	1	1	7.036306
SU6_str	BOBJ1	182.99	Before	Right Exterior Girder	12.78	0.95	1	1	9.012545
SU6_str	BOBJ1	182.99	After	Left Exterior Girder	12.78	0.95	1	1	10.158775
SU6_str	BOBJ1	182.99	After	Interior Girder 1	12.78	0.95	1	1	8.987576
SU6_str	BOBJ1	182.99	After	Interior Girder 2	12.78	0.95	1	1	8.04206
SU6_str	BOBJ1	182.99	After	Interior Girder 3	12.78	0.95	1	1	7.465676
SU6_str	BOBJ1	182.99	After	Interior Girder 4	12.78	0.95	1	1	7.465676
SU6_str	BOBJ1	182.99	After	Interior Girder 5	12.78	0.95	1	1	8.04206
SU6_str	BOBJ1	182.99	After	Interior Girder 6	12.78	0.95	1	1	8.987576
SU6_str	BOBJ1	182.99	After	Right Exterior Girder	12.78	0.95	1	1	10.158775
SU6_str	BOBJ1	189.38	Before	Left Exterior Girder	19.17	0.95	1	1	10.281727
SU6_str	BOBJ1	189.38	Before	Interior Girder 1	19.17	0.95	1	1	9.140214
SU6_str	BOBJ1	189.38	Before	Interior Girder 2	19.17	0.95	1	1	8.177399
SU6_str	BOBJ1	189.38	Before	Interior Girder 3	19.17	0.95	1	1	7.592658
SU6_str	BOBJ1	189.38	Before	Interior Girder 4	19.17	0.95	1	1	7.592658
SU6_str	BOBJ1	189.38	Before	Interior Girder 5	19.17	0.95	1	1	8.177399
SU6_str	BOBJ1	189.38	Before	Interior Girder 6	19.17	0.95	1	1	9.140214
SU6_str	BOBJ1	189.38	Before	Right Exterior Girder	19.17	0.95	1	1	10.281727
SU6_str	BOBJ1	189.38	After	Left Exterior Girder	19.17	0.95	1	1	16.655754
SU6_str	BOBJ1	189.38	After	Interior Girder 1	19.17	0.95	1	1	8.741842
SU6_str	BOBJ1	189.38	After	Interior Girder 2	19.17	0.95	1	1	7.935792
SU6_str	BOBJ1	189.38	After	Interior Girder 3	19.17	0.95	1	1	6.809124
SU6_str	BOBJ1	189.38	After	Interior Girder 4	19.17	0.95	1	1	6.809124
SU6_str	BOBJ1	189.38	After	Interior Girder 5	19.17	0.95	1	1	7.935792
SU6_str	BOBJ1	189.38	After	Interior Girder 6	19.17	0.95	1	1	8.741842
SU6_str	BOBJ1	189.38	After	Right Exterior Girder	19.17	0.95	1	1	16.655754
SU6_str	BOBJ1	195.77	Before	Left Exterior Girder	25.56	0.95	1	1	16.850838
SU6_str	BOBJ1	195.77	Before	Interior Girder 1	25.56	0.95	1	1	8.886449
SU6_str	BOBJ1	195.77	Before	Interior Girder 2	25.56	0.95	1	1	8.066906
SU6_str	BOBJ1	195.77	Before	Interior Girder 3	25.56	0.95	1	1	6.921569
SU6_str	BOBJ1	195.77	Before	Interior Girder 4	25.56	0.95	1	1	6.921569
SU6_str	BOBJ1	195.77	Before	Interior Girder 5	25.56	0.95	1	1	8.066906
SU6_str	BOBJ1	195.77	Before	Interior Girder 6	25.56	0.95	1	1	8.886449
SU6_str	BOBJ1	195.77	Before	Right Exterior Girder	25.56	0.95	1	1	16.850838
SU6_str	BOBJ1	195.77	After	Left Exterior Girder	25.56	0.95	1	1	21.055927
SU6_str	BOBJ1	195.77	After	Interior Girder 1	25.56	0.95	1	1	12.473681
SU6_str	BOBJ1	195.77	After	Interior Girder 2	25.56	0.95	1	1	11.341682
SU6_str	BOBJ1	195.77	After	Interior Girder 3	25.56	0.95	1	1	9.971044
SU6_str	BOBJ1	195.77	After	Interior Girder 4	25.56	0.95	1	1	9.971044
SU6_str	BOBJ1	195.77	After	Interior Girder 5	25.56	0.95	1	1	11.341682
SU6_str	BOBJ1	195.77	After	Interior Girder 6	25.56	0.95	1	1	12.473681
SU6_str	BOBJ1	195.77	After	Right Exterior Girder	25.56	0.95	1	1	21.055927
SU6_str	BOBJ1	202.16	Before	Left Exterior Girder	31.95	0.95	1	1	21.294503
SU6_str	BOBJ1	202.16	Before	Interior Girder 1	31.95	0.95	1	1	12.675761
SU6_str	BOBJ1	202.16	Before	Interior Girder 2	31.95	0.95	1	1	11.524895
SU6_str	BOBJ1	202.16	Before	Interior Girder 3	31.95	0.95	1	1	10.132028
SU6_str	BOBJ1	202.16	Before	Interior Girder 4	31.95	0.95	1	1	10.132028
SU6_str	BOBJ1	202.16	Before	Interior Girder 5	31.95	0.95	1	1	11.524895
SU6_str	BOBJ1	202.16	Before	Interior Girder 6	31.95	0.95	1	1	12.675761
SU6_str	BOBJ1	202.16	Before	Right Exterior Girder	31.95	0.95	1	1	21.294503
SU6_str	BOBJ1	202.16	After	Left Exterior Girder	31.95	0.95	1	1	30.021355
SU6_str	BOBJ1	202.16	After	Interior Girder 1	31.95	0.95	1	1	12.243133

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Approach, Span 16-19									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
SU6_str	BOBJ1	202.16	After	Interior Girder 2	31.95	0.95	1	1	10.656508
SU6_str	BOBJ1	202.16	After	Interior Girder 3	31.95	0.95	1	1	9.010423
SU6_str	BOBJ1	202.16	After	Interior Girder 4	31.95	0.95	1	1	9.010423
SU6_str	BOBJ1	202.16	After	Interior Girder 5	31.95	0.95	1	1	10.656508
SU6_str	BOBJ1	202.16	After	Interior Girder 6	31.95	0.95	1	1	12.243133
SU6_str	BOBJ1	202.16	After	Right Exterior Girder	31.95	0.95	1	1	30.021356
SU6_str	BOBJ1	208.55	Before	Left Exterior Girder	38.34	0.95	1	1	30.229303
SU6_str	BOBJ1	208.55	Before	Interior Girder 1	38.34	0.95	1	1	12.052839
SU6_str	BOBJ1	208.55	Before	Interior Girder 2	38.34	0.95	1	1	10.490169
SU6_str	BOBJ1	208.55	Before	Interior Girder 3	38.34	0.95	1	1	8.869751
SU6_str	BOBJ1	208.55	Before	Interior Girder 4	38.34	0.95	1	1	8.869751
SU6_str	BOBJ1	208.55	Before	Interior Girder 5	38.34	0.95	1	1	10.490169
SU6_str	BOBJ1	208.55	Before	Interior Girder 6	38.34	0.95	1	1	12.052839
SU6_str	BOBJ1	208.55	Before	Right Exterior Girder	38.34	0.95	1	1	30.229303
SU6_str	BOBJ1	208.55	After	Left Exterior Girder	38.34	0.95	1	1	15.480109
SU6_str	BOBJ1	208.55	After	Interior Girder 1	38.34	0.95	1	1	13.386563
SU6_str	BOBJ1	208.55	After	Interior Girder 2	38.34	0.95	1	1	11.927645
SU6_str	BOBJ1	208.55	After	Interior Girder 3	38.34	0.95	1	1	11.446873
SU6_str	BOBJ1	208.55	After	Interior Girder 4	38.34	0.95	1	1	11.446873
SU6_str	BOBJ1	208.55	After	Interior Girder 5	38.34	0.95	1	1	11.927645
SU6_str	BOBJ1	208.55	After	Interior Girder 6	38.34	0.95	1	1	13.386563
SU6_str	BOBJ1	208.55	After	Right Exterior Girder	38.34	0.95	1	1	15.480109
SU6_str	BOBJ1	215.1233	Before	Left Exterior Girder	44.9133	0.95	1	1	15.301934
SU6_str	BOBJ1	215.1233	Before	Interior Girder 1	44.9133	0.95	1	1	13.165531
SU6_str	BOBJ1	215.1233	Before	Interior Girder 2	44.9133	0.95	1	1	11.731957
SU6_str	BOBJ1	215.1233	Before	Interior Girder 3	44.9133	0.95	1	1	11.258769
SU6_str	BOBJ1	215.1233	Before	Interior Girder 4	44.9133	0.95	1	1	11.258769
SU6_str	BOBJ1	215.1233	Before	Interior Girder 5	44.9133	0.95	1	1	11.731957
SU6_str	BOBJ1	215.1233	Before	Interior Girder 6	44.9133	0.95	1	1	13.165531
SU6_str	BOBJ1	215.1233	Before	Right Exterior Girder	44.9133	0.95	1	1	15.301934
SU6_str	BOBJ1	215.1233	After	Left Exterior Girder	44.9133	0.95	1	1	12.765037
SU6_str	BOBJ1	215.1233	After	Interior Girder 1	44.9133	0.95	1	1	9.489264
SU6_str	BOBJ1	215.1233	After	Interior Girder 2	44.9133	0.95	1	1	8.566829
SU6_str	BOBJ1	215.1233	After	Interior Girder 3	44.9133	0.95	1	1	8.069701
SU6_str	BOBJ1	215.1233	After	Interior Girder 4	44.9133	0.95	1	1	8.069701
SU6_str	BOBJ1	215.1233	After	Interior Girder 5	44.9133	0.95	1	1	8.566829
SU6_str	BOBJ1	215.1233	After	Interior Girder 6	44.9133	0.95	1	1	9.489264
SU6_str	BOBJ1	215.1233	After	Right Exterior Girder	44.9133	0.95	1	1	12.765037
SU6_str	BOBJ1	221.6967	Before	Left Exterior Girder	51.4867	0.95	1	1	12.613124
SU6_str	BOBJ1	221.6967	Before	Interior Girder 1	51.4867	0.95	1	1	9.329145
SU6_str	BOBJ1	221.6967	Before	Interior Girder 2	51.4867	0.95	1	1	8.423045
SU6_str	BOBJ1	221.6967	Before	Interior Girder 3	51.4867	0.95	1	1	7.934009
SU6_str	BOBJ1	221.6967	Before	Interior Girder 4	51.4867	0.95	1	1	7.934009
SU6_str	BOBJ1	221.6967	Before	Interior Girder 5	51.4867	0.95	1	1	8.423045
SU6_str	BOBJ1	221.6967	Before	Interior Girder 6	51.4867	0.95	1	1	9.329145
SU6_str	BOBJ1	221.6967	Before	Right Exterior Girder	51.4867	0.95	1	1	12.613124
SU6_str	BOBJ1	221.6967	After	Left Exterior Girder	51.4867	0.95	1	1	10.949514
SU6_str	BOBJ1	221.6967	After	Interior Girder 1	51.4867	0.95	1	1	6.777213
SU6_str	BOBJ1	221.6967	After	Interior Girder 2	51.4867	0.95	1	1	6.244766
SU6_str	BOBJ1	221.6967	After	Interior Girder 3	51.4867	0.95	1	1	5.493945
SU6_str	BOBJ1	221.6967	After	Interior Girder 4	51.4867	0.95	1	1	5.493945
SU6_str	BOBJ1	221.6967	After	Interior Girder 5	51.4867	0.95	1	1	6.244766
SU6_str	BOBJ1	221.6967	After	Interior Girder 6	51.4867	0.95	1	1	6.777213
SU6_str	BOBJ1	221.6967	After	Right Exterior Girder	51.4867	0.95	1	1	10.949514
SU6_str	BOBJ1	228.27	Before	Left Exterior Girder	58.06	0.95	1	1	10.814472
SU6_str	BOBJ1	228.27	Before	Interior Girder 1	58.06	0.95	1	1	6.660429
SU6_str	BOBJ1	228.27	Before	Interior Girder 2	58.06	0.95	1	1	6.137557
SU6_str	BOBJ1	228.27	Before	Interior Girder 3	58.06	0.95	1	1	5.399303
SU6_str	BOBJ1	228.27	Before	Interior Girder 4	58.06	0.95	1	1	5.399303
SU6_str	BOBJ1	228.27	Before	Interior Girder 5	58.06	0.95	1	1	6.137557
SU6_str	BOBJ1	228.27	Before	Interior Girder 6	58.06	0.95	1	1	6.660429
SU6_str	BOBJ1	228.27	Before	Right Exterior Girder	58.06	0.95	1	1	10.814472
SU7_str	BOBJ1	0	After	Left Exterior Girder	0	0.95	1	1	9.633406
SU7_str	BOBJ1	0	After	Interior Girder 1	0	0.95	1	1	6.08499
SU7_str	BOBJ1	0	After	Interior Girder 2	0	0.95	1	1	5.625559

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Approach, Span 16-19									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
SU7_str	BOBJ1	0	After	Interior Girder 3	0	0.95	1	1	4.952645
SU7_str	BOBJ1	0	After	Interior Girder 4	0	0.95	1	1	4.952645
SU7_str	BOBJ1	0	After	Interior Girder 5	0	0.95	1	1	5.625559
SU7_str	BOBJ1	0	After	Interior Girder 6	0	0.95	1	1	6.08499
SU7_str	BOBJ1	0	After	Right Exterior Girder	0	0.95	1	1	9.633406
SU7_str	BOBJ1	5.3833	Before	Left Exterior Girder	5.3833	0.95	1	1	9.743509
SU7_str	BOBJ1	5.3833	Before	Interior Girder 1	5.3833	0.95	1	1	6.180447
SU7_str	BOBJ1	5.3833	Before	Interior Girder 2	5.3833	0.95	1	1	5.713519
SU7_str	BOBJ1	5.3833	Before	Interior Girder 3	5.3833	0.95	1	1	5.030459
SU7_str	BOBJ1	5.3833	Before	Interior Girder 4	5.3833	0.95	1	1	5.030459
SU7_str	BOBJ1	5.3833	Before	Interior Girder 5	5.3833	0.95	1	1	5.713519
SU7_str	BOBJ1	5.3833	Before	Interior Girder 6	5.3833	0.95	1	1	6.180447
SU7_str	BOBJ1	5.3833	Before	Right Exterior Girder	5.3833	0.95	1	1	9.743509
SU7_str	BOBJ1	5.3833	After	Left Exterior Girder	5.3833	0.95	1	1	11.662191
SU7_str	BOBJ1	5.3833	After	Interior Girder 1	5.3833	0.95	1	1	8.611912
SU7_str	BOBJ1	5.3833	After	Interior Girder 2	5.3833	0.95	1	1	7.655013
SU7_str	BOBJ1	5.3833	After	Interior Girder 3	5.3833	0.95	1	1	7.122541
SU7_str	BOBJ1	5.3833	After	Interior Girder 4	5.3833	0.95	1	1	7.122541
SU7_str	BOBJ1	5.3833	After	Interior Girder 5	5.3833	0.95	1	1	7.655013
SU7_str	BOBJ1	5.3833	After	Interior Girder 6	5.3833	0.95	1	1	8.611912
SU7_str	BOBJ1	5.3833	After	Right Exterior Girder	5.3833	0.95	1	1	11.662191
SU7_str	BOBJ1	10.7667	Before	Left Exterior Girder	10.7667	0.95	1	1	11.79095
SU7_str	BOBJ1	10.7667	Before	Interior Girder 1	10.7667	0.95	1	1	8.744433
SU7_str	BOBJ1	10.7667	Before	Interior Girder 2	10.7667	0.95	1	1	7.772187
SU7_str	BOBJ1	10.7667	Before	Interior Girder 3	10.7667	0.95	1	1	7.232015
SU7_str	BOBJ1	10.7667	Before	Interior Girder 4	10.7667	0.95	1	1	7.232015
SU7_str	BOBJ1	10.7667	Before	Interior Girder 5	10.7667	0.95	1	1	7.772187
SU7_str	BOBJ1	10.7667	Before	Interior Girder 6	10.7667	0.95	1	1	8.744433
SU7_str	BOBJ1	10.7667	Before	Right Exterior Girder	10.7667	0.95	1	1	11.79095
SU7_str	BOBJ1	10.7667	After	Left Exterior Girder	10.7667	0.95	1	1	14.277493
SU7_str	BOBJ1	10.7667	After	Interior Girder 1	10.7667	0.95	1	1	12.010019
SU7_str	BOBJ1	10.7667	After	Interior Girder 2	10.7667	0.95	1	1	10.488751
SU7_str	BOBJ1	10.7667	After	Interior Girder 3	10.7667	0.95	1	1	9.829125
SU7_str	BOBJ1	10.7667	After	Interior Girder 4	10.7667	0.95	1	1	9.829125
SU7_str	BOBJ1	10.7667	After	Interior Girder 5	10.7667	0.95	1	1	10.488751
SU7_str	BOBJ1	10.7667	After	Interior Girder 6	10.7667	0.95	1	1	12.010019
SU7_str	BOBJ1	10.7667	After	Right Exterior Girder	10.7667	0.95	1	1	14.277493
SU7_str	BOBJ1	16.15	Before	Left Exterior Girder	16.15	0.95	1	1	14.430056
SU7_str	BOBJ1	16.15	Before	Interior Girder 1	16.15	0.95	1	1	12.191207
SU7_str	BOBJ1	16.15	Before	Interior Girder 2	16.15	0.95	1	1	10.64598
SU7_str	BOBJ1	16.15	Before	Interior Girder 3	16.15	0.95	1	1	9.977021
SU7_str	BOBJ1	16.15	Before	Interior Girder 4	16.15	0.95	1	1	9.977021
SU7_str	BOBJ1	16.15	Before	Interior Girder 5	16.15	0.95	1	1	10.64598
SU7_str	BOBJ1	16.15	Before	Interior Girder 6	16.15	0.95	1	1	12.191207
SU7_str	BOBJ1	16.15	Before	Right Exterior Girder	16.15	0.95	1	1	14.430056
SU7_str	BOBJ1	16.15	After	Left Exterior Girder	16.15	0.95	1	1	24.970247
SU7_str	BOBJ1	16.15	After	Interior Girder 1	16.15	0.95	1	1	11.957128
SU7_str	BOBJ1	16.15	After	Interior Girder 2	16.15	0.95	1	1	10.356387
SU7_str	BOBJ1	16.15	After	Interior Girder 3	16.15	0.95	1	1	8.745951
SU7_str	BOBJ1	16.15	After	Interior Girder 4	16.15	0.95	1	1	8.745951
SU7_str	BOBJ1	16.15	After	Interior Girder 5	16.15	0.95	1	1	10.356387
SU7_str	BOBJ1	16.15	After	Interior Girder 6	16.15	0.95	1	1	11.957128
SU7_str	BOBJ1	16.15	After	Right Exterior Girder	16.15	0.95	1	1	24.970247
SU7_str	BOBJ1	22.1267	Before	Left Exterior Girder	22.1267	0.95	1	1	24.674543
SU7_str	BOBJ1	22.1267	Before	Interior Girder 1	22.1267	0.95	1	1	12.15134
SU7_str	BOBJ1	22.1267	Before	Interior Girder 2	22.1267	0.95	1	1	10.525531
SU7_str	BOBJ1	22.1267	Before	Interior Girder 3	22.1267	0.95	1	1	8.888721
SU7_str	BOBJ1	22.1267	Before	Interior Girder 4	22.1267	0.95	1	1	8.888721
SU7_str	BOBJ1	22.1267	Before	Interior Girder 5	22.1267	0.95	1	1	10.525531
SU7_str	BOBJ1	22.1267	Before	Interior Girder 6	22.1267	0.95	1	1	12.15134
SU7_str	BOBJ1	22.1267	Before	Right Exterior Girder	22.1267	0.95	1	1	24.674543
SU7_str	BOBJ1	22.1267	After	Left Exterior Girder	22.1267	0.95	1	1	17.482155
SU7_str	BOBJ1	22.1267	After	Interior Girder 1	22.1267	0.95	1	1	10.959823
SU7_str	BOBJ1	22.1267	After	Interior Girder 2	22.1267	0.95	1	1	9.899417
SU7_str	BOBJ1	22.1267	After	Interior Girder 3	22.1267	0.95	1	1	8.648135

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Approach, Span 16-19									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
SU7_str	BOBJ1	22.1267	After	Interior Girder 4	22.1267	0.95	1	1	8.648135
SU7_str	BOBJ1	22.1267	After	Interior Girder 5	22.1267	0.95	1	1	9.899417
SU7_str	BOBJ1	22.1267	After	Interior Girder 6	22.1267	0.95	1	1	10.959823
SU7_str	BOBJ1	22.1267	After	Right Exterior Girder	22.1267	0.95	1	1	17.482155
SU7_str	BOBJ1	28.1033	Before	Left Exterior Girder	28.1033	0.95	1	1	17.267493
SU7_str	BOBJ1	28.1033	Before	Interior Girder 1	28.1033	0.95	1	1	10.773843
SU7_str	BOBJ1	28.1033	Before	Interior Girder 2	28.1033	0.95	1	1	9.732152
SU7_str	BOBJ1	28.1033	Before	Interior Girder 3	28.1033	0.95	1	1	8.50193
SU7_str	BOBJ1	28.1033	Before	Interior Girder 4	28.1033	0.95	1	1	8.50193
SU7_str	BOBJ1	28.1033	Before	Interior Girder 5	28.1033	0.95	1	1	9.732152
SU7_str	BOBJ1	28.1033	Before	Interior Girder 6	28.1033	0.95	1	1	10.773843
SU7_str	BOBJ1	28.1033	Before	Right Exterior Girder	28.1033	0.95	1	1	17.267493
SU7_str	BOBJ1	28.1033	After	Left Exterior Girder	28.1033	0.95	1	1	12.919752
SU7_str	BOBJ1	28.1033	After	Interior Girder 1	28.1033	0.95	1	1	7.379998
SU7_str	BOBJ1	28.1033	After	Interior Girder 2	28.1033	0.95	1	1	6.742434
SU7_str	BOBJ1	28.1033	After	Interior Girder 3	28.1033	0.95	1	1	5.747021
SU7_str	BOBJ1	28.1033	After	Interior Girder 4	28.1033	0.95	1	1	5.747021
SU7_str	BOBJ1	28.1033	After	Interior Girder 5	28.1033	0.95	1	1	6.742434
SU7_str	BOBJ1	28.1033	After	Interior Girder 6	28.1033	0.95	1	1	7.379998
SU7_str	BOBJ1	28.1033	After	Right Exterior Girder	28.1033	0.95	1	1	12.919752
SU7_str	BOBJ1	34.08	Before	Left Exterior Girder	34.08	0.95	1	1	12.754947
SU7_str	BOBJ1	34.08	Before	Interior Girder 1	34.08	0.95	1	1	7.252003
SU7_str	BOBJ1	34.08	Before	Interior Girder 2	34.08	0.95	1	1	6.625822
SU7_str	BOBJ1	34.08	Before	Interior Girder 3	34.08	0.95	1	1	5.64748
SU7_str	BOBJ1	34.08	Before	Interior Girder 4	34.08	0.95	1	1	5.64748
SU7_str	BOBJ1	34.08	Before	Interior Girder 5	34.08	0.95	1	1	6.625822
SU7_str	BOBJ1	34.08	Before	Interior Girder 6	34.08	0.95	1	1	7.252003
SU7_str	BOBJ1	34.08	Before	Right Exterior Girder	34.08	0.95	1	1	12.754947
SU7_str	BOBJ1	34.08	After	Left Exterior Girder	34.08	0.95	1	1	8.140066
SU7_str	BOBJ1	34.08	After	Interior Girder 1	34.08	0.95	1	1	6.848858
SU7_str	BOBJ1	34.08	After	Interior Girder 2	34.08	0.95	1	1	6.165063
SU7_str	BOBJ1	34.08	After	Interior Girder 3	34.08	0.95	1	1	5.455169
SU7_str	BOBJ1	34.08	After	Interior Girder 4	34.08	0.95	1	1	5.455169
SU7_str	BOBJ1	34.08	After	Interior Girder 5	34.08	0.95	1	1	6.165063
SU7_str	BOBJ1	34.08	After	Interior Girder 6	34.08	0.95	1	1	6.848858
SU7_str	BOBJ1	34.08	After	Right Exterior Girder	34.08	0.95	1	1	8.140066
SU7_str	BOBJ1	39.855	Before	Left Exterior Girder	39.855	0.95	1	1	8.035246
SU7_str	BOBJ1	39.855	Before	Interior Girder 1	39.855	0.95	1	1	6.731444
SU7_str	BOBJ1	39.855	Before	Interior Girder 2	39.855	0.95	1	1	6.060598
SU7_str	BOBJ1	39.855	Before	Interior Girder 3	39.855	0.95	1	1	5.360527
SU7_str	BOBJ1	39.855	Before	Interior Girder 4	39.855	0.95	1	1	5.360527
SU7_str	BOBJ1	39.855	Before	Interior Girder 5	39.855	0.95	1	1	6.060598
SU7_str	BOBJ1	39.855	Before	Interior Girder 6	39.855	0.95	1	1	6.731444
SU7_str	BOBJ1	39.855	Before	Right Exterior Girder	39.855	0.95	1	1	8.035246
SU7_str	BOBJ1	39.855	After	Left Exterior Girder	39.855	0.95	1	1	4.47442
SU7_str	BOBJ1	39.855	After	Interior Girder 1	39.855	0.95	1	1	6.474897
SU7_str	BOBJ1	39.855	After	Interior Girder 2	39.855	0.95	1	1	4.760566
SU7_str	BOBJ1	39.855	After	Interior Girder 3	39.855	0.95	1	1	4.013444
SU7_str	BOBJ1	39.855	After	Interior Girder 4	39.855	0.95	1	1	4.013444
SU7_str	BOBJ1	39.855	After	Interior Girder 5	39.855	0.95	1	1	4.760566
SU7_str	BOBJ1	39.855	After	Interior Girder 6	39.855	0.95	1	1	6.474897
SU7_str	BOBJ1	39.855	After	Right Exterior Girder	39.855	0.95	1	1	4.47442
SU7_str	BOBJ1	40.0288	Before	Left Exterior Girder	40.0288	0.95	1	1	4.472498
SU7_str	BOBJ1	40.0288	Before	Right Exterior Girder	40.0288	0.95	1	1	4.472498
SU7_str	BOBJ1	40.0288	After	Left Exterior Girder	40.0288	0.95	1	1	6.821705
SU7_str	BOBJ1	40.0288	After	Right Exterior Girder	40.0288	0.95	1	1	6.821705
SU7_str	BOBJ1	45.63	Before	Left Exterior Girder	45.63	0.95	1	1	6.727764
SU7_str	BOBJ1	45.63	Before	Interior Girder 1	45.63	0.95	1	1	5.074408
SU7_str	BOBJ1	45.63	Before	Interior Girder 2	45.63	0.95	1	1	4.678162
SU7_str	BOBJ1	45.63	Before	Interior Girder 3	45.63	0.95	1	1	3.941934
SU7_str	BOBJ1	45.63	Before	Interior Girder 4	45.63	0.95	1	1	3.941934
SU7_str	BOBJ1	45.63	Before	Interior Girder 5	45.63	0.95	1	1	4.678162
SU7_str	BOBJ1	45.63	Before	Interior Girder 6	45.63	0.95	1	1	5.074408
SU7_str	BOBJ1	45.63	Before	Right Exterior Girder	45.63	0.95	1	1	6.727764
SU7_str	BOBJ1	45.63	After	Left Exterior Girder	0	0.95	1	1	5.475599

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Approach, Span 16-19									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
SU7_str	BOBJ1	45.63	After	Interior Girder 1	0	0.95	1	1	4.743835
SU7_str	BOBJ1	45.63	After	Interior Girder 2	0	0.95	1	1	4.357395
SU7_str	BOBJ1	45.63	After	Interior Girder 3	0	0.95	1	1	3.744956
SU7_str	BOBJ1	45.63	After	Interior Girder 4	0	0.95	1	1	3.744956
SU7_str	BOBJ1	45.63	After	Interior Girder 5	0	0.95	1	1	4.357395
SU7_str	BOBJ1	45.63	After	Interior Girder 6	0	0.95	1	1	4.743835
SU7_str	BOBJ1	45.63	After	Right Exterior Girder	0	0.95	1	1	5.475599
SU7_str	BOBJ1	50.6298	Before	Left Exterior Girder	4.9998	0.95	1	1	5.545311
SU7_str	BOBJ1	50.6298	Before	Right Exterior Girder	4.9998	0.95	1	1	5.545311
SU7_str	BOBJ1	50.6298	After	Left Exterior Girder	4.9998	0.95	1	1	4.100778
SU7_str	BOBJ1	50.6298	After	Right Exterior Girder	4.9998	0.95	1	1	4.100778
SU7_str	BOBJ1	51.4	Before	Left Exterior Girder	5.77	0.95	1	1	4.108703
SU7_str	BOBJ1	51.4	Before	Interior Girder 1	5.77	0.95	1	1	5.712109
SU7_str	BOBJ1	51.4	Before	Interior Girder 2	5.77	0.95	1	1	4.435393
SU7_str	BOBJ1	51.4	Before	Interior Girder 3	5.77	0.95	1	1	3.813988
SU7_str	BOBJ1	51.4	Before	Interior Girder 4	5.77	0.95	1	1	3.813988
SU7_str	BOBJ1	51.4	Before	Interior Girder 5	5.77	0.95	1	1	4.435393
SU7_str	BOBJ1	51.4	Before	Interior Girder 6	5.77	0.95	1	1	5.712109
SU7_str	BOBJ1	51.4	Before	Right Exterior Girder	5.77	0.95	1	1	4.108703
SU7_str	BOBJ1	51.4	After	Left Exterior Girder	5.77	0.95	1	1	6.203877
SU7_str	BOBJ1	51.4	After	Interior Girder 1	5.77	0.95	1	1	5.974488
SU7_str	BOBJ1	51.4	After	Interior Girder 2	5.77	0.95	1	1	5.429785
SU7_str	BOBJ1	51.4	After	Interior Girder 3	5.77	0.95	1	1	4.863334
SU7_str	BOBJ1	51.4	After	Interior Girder 4	5.77	0.95	1	1	4.863334
SU7_str	BOBJ1	51.4	After	Interior Girder 5	5.77	0.95	1	1	5.429785
SU7_str	BOBJ1	51.4	After	Interior Girder 6	5.77	0.95	1	1	5.974488
SU7_str	BOBJ1	51.4	After	Right Exterior Girder	5.77	0.95	1	1	6.203877
SU7_str	BOBJ1	57.17	Before	Left Exterior Girder	11.54	0.95	1	1	6.286349
SU7_str	BOBJ1	57.17	Before	Interior Girder 1	11.54	0.95	1	1	6.080358
SU7_str	BOBJ1	57.17	Before	Interior Girder 2	11.54	0.95	1	1	5.52485
SU7_str	BOBJ1	57.17	Before	Interior Girder 3	11.54	0.95	1	1	4.95054
SU7_str	BOBJ1	57.17	Before	Interior Girder 4	11.54	0.95	1	1	4.95054
SU7_str	BOBJ1	57.17	Before	Interior Girder 5	11.54	0.95	1	1	5.52485
SU7_str	BOBJ1	57.17	Before	Interior Girder 6	11.54	0.95	1	1	6.080358
SU7_str	BOBJ1	57.17	Before	Right Exterior Girder	11.54	0.95	1	1	6.286349
SU7_str	BOBJ1	57.17	After	Left Exterior Girder	11.54	0.95	1	1	8.933703
SU7_str	BOBJ1	57.17	After	Interior Girder 1	11.54	0.95	1	1	6.094904
SU7_str	BOBJ1	57.17	After	Interior Girder 2	11.54	0.95	1	1	5.671701
SU7_str	BOBJ1	57.17	After	Interior Girder 3	11.54	0.95	1	1	5.151691
SU7_str	BOBJ1	57.17	After	Interior Girder 4	11.54	0.95	1	1	5.151691
SU7_str	BOBJ1	57.17	After	Interior Girder 5	11.54	0.95	1	1	5.671701
SU7_str	BOBJ1	57.17	After	Interior Girder 6	11.54	0.95	1	1	6.094904
SU7_str	BOBJ1	57.17	After	Right Exterior Girder	11.54	0.95	1	1	8.933703
SU7_str	BOBJ1	63.34	Before	Left Exterior Girder	17.71	0.95	1	1	9.055056
SU7_str	BOBJ1	63.34	Before	Interior Girder 1	17.71	0.95	1	1	6.207958
SU7_str	BOBJ1	63.34	Before	Interior Girder 2	17.71	0.95	1	1	5.776388
SU7_str	BOBJ1	63.34	Before	Interior Girder 3	17.71	0.95	1	1	5.246823
SU7_str	BOBJ1	63.34	Before	Interior Girder 4	17.71	0.95	1	1	5.246823
SU7_str	BOBJ1	63.34	Before	Interior Girder 5	17.71	0.95	1	1	5.776388
SU7_str	BOBJ1	63.34	Before	Interior Girder 6	17.71	0.95	1	1	6.207958
SU7_str	BOBJ1	63.34	Before	Right Exterior Girder	17.71	0.95	1	1	9.055056
SU7_str	BOBJ1	63.34	After	Left Exterior Girder	17.71	0.95	1	1	10.412051
SU7_str	BOBJ1	63.34	After	Interior Girder 1	17.71	0.95	1	1	8.135079
SU7_str	BOBJ1	63.34	After	Interior Girder 2	17.71	0.95	1	1	7.475264
SU7_str	BOBJ1	63.34	After	Interior Girder 3	17.71	0.95	1	1	7.089833
SU7_str	BOBJ1	63.34	After	Interior Girder 4	17.71	0.95	1	1	7.089833
SU7_str	BOBJ1	63.34	After	Interior Girder 5	17.71	0.95	1	1	7.475264
SU7_str	BOBJ1	63.34	After	Interior Girder 6	17.71	0.95	1	1	8.135079
SU7_str	BOBJ1	63.34	After	Right Exterior Girder	17.71	0.95	1	1	10.412051
SU7_str	BOBJ1	69.51	Before	Left Exterior Girder	23.88	0.95	1	1	10.547873
SU7_str	BOBJ1	69.51	Before	Interior Girder 1	23.88	0.95	1	1	8.282508
SU7_str	BOBJ1	69.51	Before	Interior Girder 2	23.88	0.95	1	1	7.60984
SU7_str	BOBJ1	69.51	Before	Interior Girder 3	23.88	0.95	1	1	7.217418
SU7_str	BOBJ1	69.51	Before	Interior Girder 4	23.88	0.95	1	1	7.217418
SU7_str	BOBJ1	69.51	Before	Interior Girder 5	23.88	0.95	1	1	7.60984

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Approach, Span 16-19									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
SU7_str	BOBJ1	69.51	Before	Interior Girder 6	23.88	0.95	1	1	8.282508
SU7_str	BOBJ1	69.51	Before	Right Exterior Girder	23.88	0.95	1	1	10.547873
SU7_str	BOBJ1	69.51	After	Left Exterior Girder	23.88	0.95	1	1	12.673908
SU7_str	BOBJ1	69.51	After	Interior Girder 1	23.88	0.95	1	1	11.122431
SU7_str	BOBJ1	69.51	After	Interior Girder 2	23.88	0.95	1	1	9.991289
SU7_str	BOBJ1	69.51	After	Interior Girder 3	23.88	0.95	1	1	9.335101
SU7_str	BOBJ1	69.51	After	Interior Girder 4	23.88	0.95	1	1	9.335101
SU7_str	BOBJ1	69.51	After	Interior Girder 5	23.88	0.95	1	1	9.991289
SU7_str	BOBJ1	69.51	After	Interior Girder 6	23.88	0.95	1	1	11.122431
SU7_str	BOBJ1	69.51	After	Right Exterior Girder	23.88	0.95	1	1	12.673908
SU7_str	BOBJ1	75.68	Before	Left Exterior Girder	30.05	0.95	1	1	12.833034
SU7_str	BOBJ1	75.68	Before	Interior Girder 1	30.05	0.95	1	1	11.319328
SU7_str	BOBJ1	75.68	Before	Interior Girder 2	30.05	0.95	1	1	10.166745
SU7_str	BOBJ1	75.68	Before	Interior Girder 3	30.05	0.95	1	1	9.182134
SU7_str	BOBJ1	75.68	Before	Interior Girder 4	30.05	0.95	1	1	9.182134
SU7_str	BOBJ1	75.68	Before	Interior Girder 5	30.05	0.95	1	1	10.166745
SU7_str	BOBJ1	75.68	Before	Interior Girder 6	30.05	0.95	1	1	11.319328
SU7_str	BOBJ1	75.68	Before	Right Exterior Girder	30.05	0.95	1	1	12.833034
SU7_str	BOBJ1	75.68	After	Left Exterior Girder	30.05	0.95	1	1	20.614661
SU7_str	BOBJ1	75.68	After	Interior Girder 1	30.05	0.95	1	1	10.378673
SU7_str	BOBJ1	75.68	After	Interior Girder 2	30.05	0.95	1	1	8.979395
SU7_str	BOBJ1	75.68	After	Interior Girder 3	30.05	0.95	1	1	7.591708
SU7_str	BOBJ1	75.68	After	Interior Girder 4	30.05	0.95	1	1	7.591708
SU7_str	BOBJ1	75.68	After	Interior Girder 5	30.05	0.95	1	1	8.979395
SU7_str	BOBJ1	75.68	After	Interior Girder 6	30.05	0.95	1	1	10.378673
SU7_str	BOBJ1	75.68	After	Right Exterior Girder	30.05	0.95	1	1	20.614661
SU7_str	BOBJ1	81.8467	Before	Left Exterior Girder	36.2167	0.95	1	1	20.369111
SU7_str	BOBJ1	81.8467	Before	Interior Girder 1	36.2167	0.95	1	1	10.555567
SU7_str	BOBJ1	81.8467	Before	Interior Girder 2	36.2167	0.95	1	1	9.1331
SU7_str	BOBJ1	81.8467	Before	Interior Girder 3	36.2167	0.95	1	1	7.721696
SU7_str	BOBJ1	81.8467	Before	Interior Girder 4	36.2167	0.95	1	1	7.721696
SU7_str	BOBJ1	81.8467	Before	Interior Girder 5	36.2167	0.95	1	1	9.1331
SU7_str	BOBJ1	81.8467	Before	Interior Girder 6	36.2167	0.95	1	1	10.555567
SU7_str	BOBJ1	81.8467	Before	Right Exterior Girder	36.2167	0.95	1	1	20.369111
SU7_str	BOBJ1	81.8467	After	Left Exterior Girder	36.2167	0.95	1	1	15.843574
SU7_str	BOBJ1	81.8467	After	Interior Girder 1	36.2167	0.95	1	1	10.58334
SU7_str	BOBJ1	81.8467	After	Interior Girder 2	36.2167	0.95	1	1	9.614011
SU7_str	BOBJ1	81.8467	After	Interior Girder 3	36.2167	0.95	1	1	8.879702
SU7_str	BOBJ1	81.8467	After	Interior Girder 4	36.2167	0.95	1	1	8.879702
SU7_str	BOBJ1	81.8467	After	Interior Girder 5	36.2167	0.95	1	1	9.614011
SU7_str	BOBJ1	81.8467	After	Interior Girder 6	36.2167	0.95	1	1	10.58334
SU7_str	BOBJ1	81.8467	After	Right Exterior Girder	36.2167	0.95	1	1	15.843574
SU7_str	BOBJ1	88.0133	Before	Left Exterior Girder	42.3833	0.95	1	1	15.647918
SU7_str	BOBJ1	88.0133	Before	Interior Girder 1	42.3833	0.95	1	1	10.401058
SU7_str	BOBJ1	88.0133	Before	Interior Girder 2	42.3833	0.95	1	1	9.448883
SU7_str	BOBJ1	88.0133	Before	Interior Girder 3	42.3833	0.95	1	1	8.727302
SU7_str	BOBJ1	88.0133	Before	Interior Girder 4	42.3833	0.95	1	1	8.727302
SU7_str	BOBJ1	88.0133	Before	Interior Girder 5	42.3833	0.95	1	1	9.448883
SU7_str	BOBJ1	88.0133	Before	Interior Girder 6	42.3833	0.95	1	1	10.401058
SU7_str	BOBJ1	88.0133	Before	Right Exterior Girder	42.3833	0.95	1	1	15.647918
SU7_str	BOBJ1	88.0133	After	Left Exterior Girder	42.3833	0.95	1	1	12.851183
SU7_str	BOBJ1	88.0133	After	Interior Girder 1	42.3833	0.95	1	1	7.568831
SU7_str	BOBJ1	88.0133	After	Interior Girder 2	42.3833	0.95	1	1	7.021049
SU7_str	BOBJ1	88.0133	After	Interior Girder 3	42.3833	0.95	1	1	6.123523
SU7_str	BOBJ1	88.0133	After	Interior Girder 4	42.3833	0.95	1	1	6.123523
SU7_str	BOBJ1	88.0133	After	Interior Girder 5	42.3833	0.95	1	1	7.021049
SU7_str	BOBJ1	88.0133	After	Interior Girder 6	42.3833	0.95	1	1	7.568831
SU7_str	BOBJ1	88.0133	After	Right Exterior Girder	42.3833	0.95	1	1	12.851183
SU7_str	BOBJ1	94.18	Before	Left Exterior Girder	48.55	0.95	1	1	12.686366
SU7_str	BOBJ1	94.18	Before	Interior Girder 1	48.55	0.95	1	1	7.435495
SU7_str	BOBJ1	94.18	Before	Interior Girder 2	48.55	0.95	1	1	6.897503
SU7_str	BOBJ1	94.18	Before	Interior Girder 3	48.55	0.95	1	1	6.01585
SU7_str	BOBJ1	94.18	Before	Interior Girder 4	48.55	0.95	1	1	6.01585
SU7_str	BOBJ1	94.18	Before	Interior Girder 5	48.55	0.95	1	1	6.897503
SU7_str	BOBJ1	94.18	Before	Interior Girder 6	48.55	0.95	1	1	7.435495

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Approach, Span 16-19									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
SU7_str	BOBJ1	94.18	Before	Right Exterior Girder	48.55	0.95	1	1	12.686366
SU7_str	BOBJ1	94.18	After	Left Exterior Girder	48.55	0.95	1	1	7.82256
SU7_str	BOBJ1	94.18	After	Interior Girder 1	48.55	0.95	1	1	7.745557
SU7_str	BOBJ1	94.18	After	Interior Girder 2	48.55	0.95	1	1	7.016466
SU7_str	BOBJ1	94.18	After	Interior Girder 3	48.55	0.95	1	1	6.498153
SU7_str	BOBJ1	94.18	After	Interior Girder 4	48.55	0.95	1	1	6.498153
SU7_str	BOBJ1	94.18	After	Interior Girder 5	48.55	0.95	1	1	7.016466
SU7_str	BOBJ1	94.18	After	Interior Girder 6	48.55	0.95	1	1	7.745557
SU7_str	BOBJ1	94.18	After	Right Exterior Girder	48.55	0.95	1	1	7.82256
SU7_str	BOBJ1	100.3567	Before	Left Exterior Girder	54.7267	0.95	1	1	7.718316
SU7_str	BOBJ1	100.3567	Before	Interior Girder 1	54.7267	0.95	1	1	7.604795
SU7_str	BOBJ1	100.3567	Before	Interior Girder 2	54.7267	0.95	1	1	6.890281
SU7_str	BOBJ1	100.3567	Before	Interior Girder 3	54.7267	0.95	1	1	6.380032
SU7_str	BOBJ1	100.3567	Before	Interior Girder 4	54.7267	0.95	1	1	6.380032
SU7_str	BOBJ1	100.3567	Before	Interior Girder 5	54.7267	0.95	1	1	6.890281
SU7_str	BOBJ1	100.3567	Before	Interior Girder 6	54.7267	0.95	1	1	7.604795
SU7_str	BOBJ1	100.3567	Before	Right Exterior Girder	54.7267	0.95	1	1	7.718316
SU7_str	BOBJ1	100.3567	After	Left Exterior Girder	54.7267	0.95	1	1	6.792463
SU7_str	BOBJ1	100.3567	After	Interior Girder 1	54.7267	0.95	1	1	5.961663
SU7_str	BOBJ1	100.3567	After	Interior Girder 2	54.7267	0.95	1	1	5.430461
SU7_str	BOBJ1	100.3567	After	Interior Girder 3	54.7267	0.95	1	1	4.951257
SU7_str	BOBJ1	100.3567	After	Interior Girder 4	54.7267	0.95	1	1	4.951257
SU7_str	BOBJ1	100.3567	After	Interior Girder 5	54.7267	0.95	1	1	5.430461
SU7_str	BOBJ1	100.3567	After	Interior Girder 6	54.7267	0.95	1	1	5.961663
SU7_str	BOBJ1	100.3567	After	Right Exterior Girder	54.7267	0.95	1	1	6.792463
SU7_str	BOBJ1	106.5333	Before	Left Exterior Girder	60.9033	0.95	1	1	6.698104
SU7_str	BOBJ1	106.5333	Before	Interior Girder 1	60.9033	0.95	1	1	5.850789
SU7_str	BOBJ1	106.5333	Before	Interior Girder 2	60.9033	0.95	1	1	5.330385
SU7_str	BOBJ1	106.5333	Before	Interior Girder 3	60.9033	0.95	1	1	4.858822
SU7_str	BOBJ1	106.5333	Before	Interior Girder 4	60.9033	0.95	1	1	4.858822
SU7_str	BOBJ1	106.5333	Before	Interior Girder 5	60.9033	0.95	1	1	5.330385
SU7_str	BOBJ1	106.5333	Before	Interior Girder 6	60.9033	0.95	1	1	5.850789
SU7_str	BOBJ1	106.5333	Before	Right Exterior Girder	60.9033	0.95	1	1	6.698104
SU7_str	BOBJ1	106.5333	After	Left Exterior Girder	60.9033	0.95	1	1	5.295914
SU7_str	BOBJ1	106.5333	After	Interior Girder 1	60.9033	0.95	1	1	4.854109
SU7_str	BOBJ1	106.5333	After	Interior Girder 2	60.9033	0.95	1	1	4.26726
SU7_str	BOBJ1	106.5333	After	Interior Girder 3	60.9033	0.95	1	1	3.6747
SU7_str	BOBJ1	106.5333	After	Interior Girder 4	60.9033	0.95	1	1	3.6747
SU7_str	BOBJ1	106.5333	After	Interior Girder 5	60.9033	0.95	1	1	4.26726
SU7_str	BOBJ1	106.5333	After	Interior Girder 6	60.9033	0.95	1	1	4.854109
SU7_str	BOBJ1	106.5333	After	Right Exterior Girder	60.9033	0.95	1	1	5.295914
SU7_str	BOBJ1	108.2102	Before	Left Exterior Girder	62.5802	0.95	1	1	5.274707
SU7_str	BOBJ1	108.2102	Before	Right Exterior Girder	62.5802	0.95	1	1	5.274707
SU7_str	BOBJ1	108.2102	After	Left Exterior Girder	62.5802	0.95	1	1	5.983036
SU7_str	BOBJ1	108.2102	After	Right Exterior Girder	62.5802	0.95	1	1	5.983036
SU7_str	BOBJ1	112.71	Before	Left Exterior Girder	67.08	0.95	1	1	5.915586
SU7_str	BOBJ1	112.71	Before	Interior Girder 1	67.08	0.95	1	1	4.494235
SU7_str	BOBJ1	112.71	Before	Interior Girder 2	67.08	0.95	1	1	4.186743
SU7_str	BOBJ1	112.71	Before	Interior Girder 3	67.08	0.95	1	1	3.604109
SU7_str	BOBJ1	112.71	Before	Interior Girder 4	67.08	0.95	1	1	3.604109
SU7_str	BOBJ1	112.71	Before	Interior Girder 5	67.08	0.95	1	1	4.186743
SU7_str	BOBJ1	112.71	Before	Interior Girder 6	67.08	0.95	1	1	4.494235
SU7_str	BOBJ1	112.71	Before	Right Exterior Girder	67.08	0.95	1	1	5.915586
SU7_str	BOBJ1	112.71	After	Left Exterior Girder	0	0.95	1	1	6.987817
SU7_str	BOBJ1	112.71	After	Interior Girder 1	0	0.95	1	1	4.858939
SU7_str	BOBJ1	112.71	After	Interior Girder 2	0	0.95	1	1	4.47686
SU7_str	BOBJ1	112.71	After	Interior Girder 3	0	0.95	1	1	3.770763
SU7_str	BOBJ1	112.71	After	Interior Girder 4	0	0.95	1	1	3.770763
SU7_str	BOBJ1	112.71	After	Interior Girder 5	0	0.95	1	1	4.47686
SU7_str	BOBJ1	112.71	After	Interior Girder 6	0	0.95	1	1	4.858939
SU7_str	BOBJ1	112.71	After	Right Exterior Girder	0	0.95	1	1	6.987817
SU7_str	BOBJ1	117.21	Before	Left Exterior Girder	4.5	0.95	1	1	7.065197
SU7_str	BOBJ1	117.21	Before	Right Exterior Girder	4.5	0.95	1	1	7.065197
SU7_str	BOBJ1	117.21	After	Left Exterior Girder	4.5	0.95	1	1	6.471585
SU7_str	BOBJ1	117.21	After	Right Exterior Girder	4.5	0.95	1	1	6.471585

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Approach, Span 16-19									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
SU7_str	BOBJ1	119.1	Before	Left Exterior Girder	6.39	0.95	1	1	6.499822
SU7_str	BOBJ1	119.1	Before	Interior Girder 1	6.39	0.95	1	1	5.088763
SU7_str	BOBJ1	119.1	Before	Interior Girder 2	6.39	0.95	1	1	4.563923
SU7_str	BOBJ1	119.1	Before	Interior Girder 3	6.39	0.95	1	1	3.845502
SU7_str	BOBJ1	119.1	Before	Interior Girder 4	6.39	0.95	1	1	3.845502
SU7_str	BOBJ1	119.1	Before	Interior Girder 5	6.39	0.95	1	1	4.563923
SU7_str	BOBJ1	119.1	Before	Interior Girder 6	6.39	0.95	1	1	5.088763
SU7_str	BOBJ1	119.1	Before	Right Exterior Girder	6.39	0.95	1	1	6.499822
SU7_str	BOBJ1	119.1	After	Left Exterior Girder	6.39	0.95	1	1	8.278557
SU7_str	BOBJ1	119.1	After	Interior Girder 1	6.39	0.95	1	1	6.519986
SU7_str	BOBJ1	119.1	After	Interior Girder 2	6.39	0.95	1	1	5.899919
SU7_str	BOBJ1	119.1	After	Interior Girder 3	6.39	0.95	1	1	5.327887
SU7_str	BOBJ1	119.1	After	Interior Girder 4	6.39	0.95	1	1	5.327887
SU7_str	BOBJ1	119.1	After	Interior Girder 5	6.39	0.95	1	1	5.899919
SU7_str	BOBJ1	119.1	After	Interior Girder 6	6.39	0.95	1	1	6.519986
SU7_str	BOBJ1	119.1	After	Right Exterior Girder	6.39	0.95	1	1	8.278557
SU7_str	BOBJ1	125.49	Before	Left Exterior Girder	12.78	0.95	1	1	8.395657
SU7_str	BOBJ1	125.49	Before	Interior Girder 1	12.78	0.95	1	1	6.644609
SU7_str	BOBJ1	125.49	Before	Interior Girder 2	12.78	0.95	1	1	6.0119
SU7_str	BOBJ1	125.49	Before	Interior Girder 3	12.78	0.95	1	1	5.430434
SU7_str	BOBJ1	125.49	Before	Interior Girder 4	12.78	0.95	1	1	5.430434
SU7_str	BOBJ1	125.49	Before	Interior Girder 5	12.78	0.95	1	1	6.0119
SU7_str	BOBJ1	125.49	Before	Interior Girder 6	12.78	0.95	1	1	6.644609
SU7_str	BOBJ1	125.49	Before	Right Exterior Girder	12.78	0.95	1	1	8.395657
SU7_str	BOBJ1	125.49	After	Left Exterior Girder	12.78	0.95	1	1	10.017827
SU7_str	BOBJ1	125.49	After	Interior Girder 1	12.78	0.95	1	1	8.992049
SU7_str	BOBJ1	125.49	After	Interior Girder 2	12.78	0.95	1	1	7.962122
SU7_str	BOBJ1	125.49	After	Interior Girder 3	12.78	0.95	1	1	7.307416
SU7_str	BOBJ1	125.49	After	Interior Girder 4	12.78	0.95	1	1	7.307416
SU7_str	BOBJ1	125.49	After	Interior Girder 5	12.78	0.95	1	1	7.962122
SU7_str	BOBJ1	125.49	After	Interior Girder 6	12.78	0.95	1	1	8.992049
SU7_str	BOBJ1	125.49	After	Right Exterior Girder	12.78	0.95	1	1	10.017827
SU7_str	BOBJ1	131.88	Before	Left Exterior Girder	19.17	0.95	1	1	10.15364
SU7_str	BOBJ1	131.88	Before	Interior Girder 1	19.17	0.95	1	1	9.159884
SU7_str	BOBJ1	131.88	Before	Interior Girder 2	19.17	0.95	1	1	8.1095
SU7_str	BOBJ1	131.88	Before	Interior Girder 3	19.17	0.95	1	1	7.444267
SU7_str	BOBJ1	131.88	Before	Interior Girder 4	19.17	0.95	1	1	7.444267
SU7_str	BOBJ1	131.88	Before	Interior Girder 5	19.17	0.95	1	1	8.1095
SU7_str	BOBJ1	131.88	Before	Interior Girder 6	19.17	0.95	1	1	9.159884
SU7_str	BOBJ1	131.88	Before	Right Exterior Girder	19.17	0.95	1	1	10.15364
SU7_str	BOBJ1	131.88	After	Left Exterior Girder	19.17	0.95	1	1	18.744335
SU7_str	BOBJ1	131.88	After	Interior Girder 1	19.17	0.95	1	1	8.931038
SU7_str	BOBJ1	131.88	After	Interior Girder 2	19.17	0.95	1	1	8.021353
SU7_str	BOBJ1	131.88	After	Interior Girder 3	19.17	0.95	1	1	6.807311
SU7_str	BOBJ1	131.88	After	Interior Girder 4	19.17	0.95	1	1	6.807311
SU7_str	BOBJ1	131.88	After	Interior Girder 5	19.17	0.95	1	1	8.021353
SU7_str	BOBJ1	131.88	After	Interior Girder 6	19.17	0.95	1	1	8.931038
SU7_str	BOBJ1	131.88	After	Right Exterior Girder	19.17	0.95	1	1	18.744335
SU7_str	BOBJ1	138.27	Before	Left Exterior Girder	25.56	0.95	1	1	18.988643
SU7_str	BOBJ1	138.27	Before	Interior Girder 1	25.56	0.95	1	1	9.092778
SU7_str	BOBJ1	138.27	Before	Interior Girder 2	25.56	0.95	1	1	8.166896
SU7_str	BOBJ1	138.27	Before	Interior Girder 3	25.56	0.95	1	1	6.930858
SU7_str	BOBJ1	138.27	Before	Interior Girder 4	25.56	0.95	1	1	6.930858
SU7_str	BOBJ1	138.27	Before	Interior Girder 5	25.56	0.95	1	1	8.166896
SU7_str	BOBJ1	138.27	Before	Interior Girder 6	25.56	0.95	1	1	9.092778
SU7_str	BOBJ1	138.27	Before	Right Exterior Girder	25.56	0.95	1	1	18.988643
SU7_str	BOBJ1	138.27	After	Left Exterior Girder	25.56	0.95	1	1	23.740539
SU7_str	BOBJ1	138.27	After	Interior Girder 1	25.56	0.95	1	1	13.611411
SU7_str	BOBJ1	138.27	After	Interior Girder 2	25.56	0.95	1	1	12.17474
SU7_str	BOBJ1	138.27	After	Interior Girder 3	25.56	0.95	1	1	10.551008
SU7_str	BOBJ1	138.27	After	Interior Girder 4	25.56	0.95	1	1	10.551008
SU7_str	BOBJ1	138.27	After	Interior Girder 5	25.56	0.95	1	1	12.17474
SU7_str	BOBJ1	138.27	After	Interior Girder 6	25.56	0.95	1	1	13.611411
SU7_str	BOBJ1	138.27	After	Right Exterior Girder	25.56	0.95	1	1	23.740539
SU7_str	BOBJ1	144.66	Before	Left Exterior Girder	31.95	0.95	1	1	23.444806

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Approach, Span 16-19									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
SU7_str	BOBJ1	144.66	Before	Interior Girder 1	31.95	0.95	1	1	13.374303
SU7_str	BOBJ1	144.66	Before	Interior Girder 2	31.95	0.95	1	1	11.96273
SU7_str	BOBJ1	144.66	Before	Interior Girder 3	31.95	0.95	1	1	10.367287
SU7_str	BOBJ1	144.66	Before	Interior Girder 4	31.95	0.95	1	1	10.367287
SU7_str	BOBJ1	144.66	Before	Interior Girder 5	31.95	0.95	1	1	11.96273
SU7_str	BOBJ1	144.66	Before	Interior Girder 6	31.95	0.95	1	1	13.374303
SU7_str	BOBJ1	144.66	Before	Right Exterior Girder	31.95	0.95	1	1	23.444806
SU7_str	BOBJ1	144.66	After	Left Exterior Girder	31.95	0.95	1	1	17.256801
SU7_str	BOBJ1	144.66	After	Interior Girder 1	31.95	0.95	1	1	8.823461
SU7_str	BOBJ1	144.66	After	Interior Girder 2	31.95	0.95	1	1	7.943757
SU7_str	BOBJ1	144.66	After	Interior Girder 3	31.95	0.95	1	1	6.759042
SU7_str	BOBJ1	144.66	After	Interior Girder 4	31.95	0.95	1	1	6.759042
SU7_str	BOBJ1	144.66	After	Interior Girder 5	31.95	0.95	1	1	7.943757
SU7_str	BOBJ1	144.66	After	Interior Girder 6	31.95	0.95	1	1	8.823461
SU7_str	BOBJ1	144.66	After	Right Exterior Girder	31.95	0.95	1	1	17.256801
SU7_str	BOBJ1	151.05	Before	Left Exterior Girder	38.34	0.95	1	1	17.033436
SU7_str	BOBJ1	151.05	Before	Interior Girder 1	38.34	0.95	1	1	8.666214
SU7_str	BOBJ1	151.05	Before	Interior Girder 2	38.34	0.95	1	1	7.802013
SU7_str	BOBJ1	151.05	Before	Interior Girder 3	38.34	0.95	1	1	6.638418
SU7_str	BOBJ1	151.05	Before	Interior Girder 4	38.34	0.95	1	1	6.638418
SU7_str	BOBJ1	151.05	Before	Interior Girder 5	38.34	0.95	1	1	7.802013
SU7_str	BOBJ1	151.05	Before	Interior Girder 6	38.34	0.95	1	1	8.666214
SU7_str	BOBJ1	151.05	Before	Right Exterior Girder	38.34	0.95	1	1	17.033436
SU7_str	BOBJ1	151.05	After	Left Exterior Girder	38.34	0.95	1	1	9.547284
SU7_str	BOBJ1	151.05	After	Interior Girder 1	38.34	0.95	1	1	8.82291
SU7_str	BOBJ1	151.05	After	Interior Girder 2	38.34	0.95	1	1	7.808414
SU7_str	BOBJ1	151.05	After	Interior Girder 3	38.34	0.95	1	1	7.139581
SU7_str	BOBJ1	151.05	After	Interior Girder 4	38.34	0.95	1	1	7.139581
SU7_str	BOBJ1	151.05	After	Interior Girder 5	38.34	0.95	1	1	7.808414
SU7_str	BOBJ1	151.05	After	Interior Girder 6	38.34	0.95	1	1	8.82291
SU7_str	BOBJ1	151.05	After	Right Exterior Girder	38.34	0.95	1	1	9.547284
SU7_str	BOBJ1	157.4367	Before	Left Exterior Girder	44.7267	0.95	1	1	9.418715
SU7_str	BOBJ1	157.4367	Before	Interior Girder 1	44.7267	0.95	1	1	8.661201
SU7_str	BOBJ1	157.4367	Before	Interior Girder 2	44.7267	0.95	1	1	7.666504
SU7_str	BOBJ1	157.4367	Before	Interior Girder 3	44.7267	0.95	1	1	7.008131
SU7_str	BOBJ1	157.4367	Before	Interior Girder 4	44.7267	0.95	1	1	7.008131
SU7_str	BOBJ1	157.4367	Before	Interior Girder 5	44.7267	0.95	1	1	7.666504
SU7_str	BOBJ1	157.4367	Before	Interior Girder 6	44.7267	0.95	1	1	8.661201
SU7_str	BOBJ1	157.4367	Before	Right Exterior Girder	44.7267	0.95	1	1	9.418715
SU7_str	BOBJ1	157.4367	After	Left Exterior Girder	44.7267	0.95	1	1	8.006385
SU7_str	BOBJ1	157.4367	After	Interior Girder 1	44.7267	0.95	1	1	6.79505
SU7_str	BOBJ1	157.4367	After	Interior Girder 2	44.7267	0.95	1	1	6.04681
SU7_str	BOBJ1	157.4367	After	Interior Girder 3	44.7267	0.95	1	1	5.329681
SU7_str	BOBJ1	157.4367	After	Interior Girder 4	44.7267	0.95	1	1	5.329681
SU7_str	BOBJ1	157.4367	After	Interior Girder 5	44.7267	0.95	1	1	6.04681
SU7_str	BOBJ1	157.4367	After	Interior Girder 6	44.7267	0.95	1	1	6.79505
SU7_str	BOBJ1	157.4367	After	Right Exterior Girder	44.7267	0.95	1	1	8.006385
SU7_str	BOBJ1	158.71	Before	Left Exterior Girder	46	0.95	1	1	7.984108
SU7_str	BOBJ1	158.71	Before	Interior Girder 1	46	0.95	1	1	6.769788
SU7_str	BOBJ1	158.71	Before	Interior Girder 2	46	0.95	1	1	6.02445
SU7_str	BOBJ1	158.71	Before	Interior Girder 3	46	0.95	1	1	5.309628
SU7_str	BOBJ1	158.71	Before	Interior Girder 4	46	0.95	1	1	5.309628
SU7_str	BOBJ1	158.71	Before	Interior Girder 5	46	0.95	1	1	6.02445
SU7_str	BOBJ1	158.71	Before	Interior Girder 6	46	0.95	1	1	6.769788
SU7_str	BOBJ1	158.71	Before	Right Exterior Girder	46	0.95	1	1	7.984108
SU7_str	BOBJ1	158.71	After	Left Exterior Girder	46	0.95	1	1	9.813507
SU7_str	BOBJ1	158.71	After	Interior Girder 1	46	0.95	1	1	7.264676
SU7_str	BOBJ1	158.71	After	Interior Girder 2	46	0.95	1	1	6.575348
SU7_str	BOBJ1	158.71	After	Interior Girder 3	46	0.95	1	1	5.897468
SU7_str	BOBJ1	158.71	After	Interior Girder 4	46	0.95	1	1	5.897468
SU7_str	BOBJ1	158.71	After	Interior Girder 5	46	0.95	1	1	6.575348
SU7_str	BOBJ1	158.71	After	Interior Girder 6	46	0.95	1	1	7.264676
SU7_str	BOBJ1	158.71	After	Right Exterior Girder	46	0.95	1	1	9.813507
SU7_str	BOBJ1	163.8233	Before	Left Exterior Girder	51.1133	0.95	1	1	9.718545
SU7_str	BOBJ1	163.8233	Before	Interior Girder 1	51.1133	0.95	1	1	7.167673

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Approach, Span 16-19									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
SU7_str	BOBJ1	163.8233	Before	Interior Girder 2	51.1133	0.95	1	1	6.488071
SU7_str	BOBJ1	163.8233	Before	Interior Girder 3	51.1133	0.95	1	1	5.818108
SU7_str	BOBJ1	163.8233	Before	Interior Girder 4	51.1133	0.95	1	1	5.818108
SU7_str	BOBJ1	163.8233	Before	Interior Girder 5	51.1133	0.95	1	1	6.488071
SU7_str	BOBJ1	163.8233	Before	Interior Girder 6	51.1133	0.95	1	1	7.167673
SU7_str	BOBJ1	163.8233	Before	Right Exterior Girder	51.1133	0.95	1	1	9.718545
SU7_str	BOBJ1	163.8233	After	Left Exterior Girder	51.1133	0.95	1	1	7.211344
SU7_str	BOBJ1	163.8233	After	Interior Girder 1	51.1133	0.95	1	1	6.114895
SU7_str	BOBJ1	163.8233	After	Interior Girder 2	51.1133	0.95	1	1	5.258481
SU7_str	BOBJ1	163.8233	After	Interior Girder 3	51.1133	0.95	1	1	4.420981
SU7_str	BOBJ1	163.8233	After	Interior Girder 4	51.1133	0.95	1	1	4.420981
SU7_str	BOBJ1	163.8233	After	Interior Girder 5	51.1133	0.95	1	1	5.258481
SU7_str	BOBJ1	163.8233	After	Interior Girder 6	51.1133	0.95	1	1	6.114895
SU7_str	BOBJ1	163.8233	After	Right Exterior Girder	51.1133	0.95	1	1	7.211344
SU7_str	BOBJ1	164.71	Before	Left Exterior Girder	52	0.95	1	1	7.198739
SU7_str	BOBJ1	164.71	Before	Right Exterior Girder	52	0.95	1	1	7.198739
SU7_str	BOBJ1	164.71	After	Left Exterior Girder	52	0.95	1	1	8.585903
SU7_str	BOBJ1	164.71	After	Right Exterior Girder	52	0.95	1	1	8.585903
SU7_str	BOBJ1	170.21	Before	Left Exterior Girder	57.5	0.95	1	1	8.485378
SU7_str	BOBJ1	170.21	Before	Interior Girder 1	57.5	0.95	1	1	5.607137
SU7_str	BOBJ1	170.21	Before	Interior Girder 2	57.5	0.95	1	1	5.169808
SU7_str	BOBJ1	170.21	Before	Interior Girder 3	57.5	0.95	1	1	4.345085
SU7_str	BOBJ1	170.21	Before	Interior Girder 4	57.5	0.95	1	1	4.345085
SU7_str	BOBJ1	170.21	Before	Interior Girder 5	57.5	0.95	1	1	5.169808
SU7_str	BOBJ1	170.21	Before	Interior Girder 6	57.5	0.95	1	1	5.607137
SU7_str	BOBJ1	170.21	Before	Right Exterior Girder	57.5	0.95	1	1	8.485378
SU7_str	BOBJ1	170.21	After	Left Exterior Girder	0	0.95	1	1	7.416545
SU7_str	BOBJ1	170.21	After	Interior Girder 1	0	0.95	1	1	5.200031
SU7_str	BOBJ1	170.21	After	Interior Girder 2	0	0.95	1	1	4.820612
SU7_str	BOBJ1	170.21	After	Interior Girder 3	0	0.95	1	1	4.122172
SU7_str	BOBJ1	170.21	After	Interior Girder 4	0	0.95	1	1	4.122172
SU7_str	BOBJ1	170.21	After	Interior Girder 5	0	0.95	1	1	4.820612
SU7_str	BOBJ1	170.21	After	Interior Girder 6	0	0.95	1	1	5.200031
SU7_str	BOBJ1	170.21	After	Right Exterior Girder	0	0.95	1	1	7.416545
SU7_str	BOBJ1	176.21	Before	Left Exterior Girder	6	0.95	1	1	7.515338
SU7_str	BOBJ1	176.21	Before	Right Exterior Girder	6	0.95	1	1	7.515338
SU7_str	BOBJ1	176.21	After	Left Exterior Girder	6	0.95	1	1	4.973985
SU7_str	BOBJ1	176.21	After	Right Exterior Girder	6	0.95	1	1	4.973985
SU7_str	BOBJ1	176.6	Before	Left Exterior Girder	6.39	0.95	1	1	4.97812
SU7_str	BOBJ1	176.6	Before	Interior Girder 1	6.39	0.95	1	1	6.595212
SU7_str	BOBJ1	176.6	Before	Interior Girder 2	6.39	0.95	1	1	4.905397
SU7_str	BOBJ1	176.6	Before	Interior Girder 3	6.39	0.95	1	1	4.195965
SU7_str	BOBJ1	176.6	Before	Interior Girder 4	6.39	0.95	1	1	4.195965
SU7_str	BOBJ1	176.6	Before	Interior Girder 5	6.39	0.95	1	1	4.905397
SU7_str	BOBJ1	176.6	Before	Interior Girder 6	6.39	0.95	1	1	6.595212
SU7_str	BOBJ1	176.6	Before	Right Exterior Girder	6.39	0.95	1	1	4.97812
SU7_str	BOBJ1	176.6	After	Left Exterior Girder	6.39	0.95	1	1	8.319464
SU7_str	BOBJ1	176.6	After	Interior Girder 1	6.39	0.95	1	1	6.776157
SU7_str	BOBJ1	176.6	After	Interior Girder 2	6.39	0.95	1	1	6.095922
SU7_str	BOBJ1	176.6	After	Interior Girder 3	6.39	0.95	1	1	5.535254
SU7_str	BOBJ1	176.6	After	Interior Girder 4	6.39	0.95	1	1	5.535254
SU7_str	BOBJ1	176.6	After	Interior Girder 5	6.39	0.95	1	1	6.095922
SU7_str	BOBJ1	176.6	After	Interior Girder 6	6.39	0.95	1	1	6.776157
SU7_str	BOBJ1	176.6	After	Right Exterior Girder	6.39	0.95	1	1	8.319464
SU7_str	BOBJ1	182.99	Before	Left Exterior Girder	12.78	0.95	1	1	8.423861
SU7_str	BOBJ1	182.99	Before	Interior Girder 1	12.78	0.95	1	1	6.893709
SU7_str	BOBJ1	182.99	Before	Interior Girder 2	12.78	0.95	1	1	6.200842
SU7_str	BOBJ1	182.99	Before	Interior Girder 3	12.78	0.95	1	1	5.63176
SU7_str	BOBJ1	182.99	Before	Interior Girder 4	12.78	0.95	1	1	5.63176
SU7_str	BOBJ1	182.99	Before	Interior Girder 5	12.78	0.95	1	1	6.200842
SU7_str	BOBJ1	182.99	Before	Interior Girder 6	12.78	0.95	1	1	6.893709
SU7_str	BOBJ1	182.99	Before	Right Exterior Girder	12.78	0.95	1	1	8.423861
SU7_str	BOBJ1	182.99	After	Left Exterior Girder	12.78	0.95	1	1	9.579164
SU7_str	BOBJ1	182.99	After	Interior Girder 1	12.78	0.95	1	1	8.82768
SU7_str	BOBJ1	182.99	After	Interior Girder 2	12.78	0.95	1	1	7.846481

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Approach, Span 16-19									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
SU7_str	BOBJ1	182.99	After	Interior Girder 3	12.78	0.95	1	1	7.22265
SU7_str	BOBJ1	182.99	After	Interior Girder 4	12.78	0.95	1	1	7.22265
SU7_str	BOBJ1	182.99	After	Interior Girder 5	12.78	0.95	1	1	7.846481
SU7_str	BOBJ1	182.99	After	Interior Girder 6	12.78	0.95	1	1	8.82768
SU7_str	BOBJ1	182.99	After	Right Exterior Girder	12.78	0.95	1	1	9.579164
SU7_str	BOBJ1	189.38	Before	Left Exterior Girder	19.17	0.95	1	1	9.695101
SU7_str	BOBJ1	189.38	Before	Interior Girder 1	19.17	0.95	1	1	8.977602
SU7_str	BOBJ1	189.38	Before	Interior Girder 2	19.17	0.95	1	1	7.978528
SU7_str	BOBJ1	189.38	Before	Interior Girder 3	19.17	0.95	1	1	7.345499
SU7_str	BOBJ1	189.38	Before	Interior Girder 4	19.17	0.95	1	1	7.345499
SU7_str	BOBJ1	189.38	Before	Interior Girder 5	19.17	0.95	1	1	7.978528
SU7_str	BOBJ1	189.38	Before	Interior Girder 6	19.17	0.95	1	1	8.977602
SU7_str	BOBJ1	189.38	Before	Right Exterior Girder	19.17	0.95	1	1	9.695101
SU7_str	BOBJ1	189.38	After	Left Exterior Girder	19.17	0.95	1	1	15.939919
SU7_str	BOBJ1	189.38	After	Interior Girder 1	19.17	0.95	1	1	8.628482
SU7_str	BOBJ1	189.38	After	Interior Girder 2	19.17	0.95	1	1	7.910873
SU7_str	BOBJ1	189.38	After	Interior Girder 3	19.17	0.95	1	1	6.809124
SU7_str	BOBJ1	189.38	After	Interior Girder 4	19.17	0.95	1	1	6.809124
SU7_str	BOBJ1	189.38	After	Interior Girder 5	19.17	0.95	1	1	7.910873
SU7_str	BOBJ1	189.38	After	Interior Girder 6	19.17	0.95	1	1	8.628482
SU7_str	BOBJ1	189.38	After	Right Exterior Girder	19.17	0.95	1	1	15.939919
SU7_str	BOBJ1	195.77	Before	Left Exterior Girder	25.56	0.95	1	1	16.126619
SU7_str	BOBJ1	195.77	Before	Interior Girder 1	25.56	0.95	1	1	8.771215
SU7_str	BOBJ1	195.77	Before	Interior Girder 2	25.56	0.95	1	1	8.041575
SU7_str	BOBJ1	195.77	Before	Interior Girder 3	25.56	0.95	1	1	6.921569
SU7_str	BOBJ1	195.77	Before	Interior Girder 4	25.56	0.95	1	1	6.921569
SU7_str	BOBJ1	195.77	Before	Interior Girder 5	25.56	0.95	1	1	8.041575
SU7_str	BOBJ1	195.77	Before	Interior Girder 6	25.56	0.95	1	1	8.771215
SU7_str	BOBJ1	195.77	Before	Right Exterior Girder	25.56	0.95	1	1	16.126619
SU7_str	BOBJ1	195.77	After	Left Exterior Girder	25.56	0.95	1	1	20.906621
SU7_str	BOBJ1	195.77	After	Interior Girder 1	25.56	0.95	1	1	12.453527
SU7_str	BOBJ1	195.77	After	Interior Girder 2	25.56	0.95	1	1	11.211823
SU7_str	BOBJ1	195.77	After	Interior Girder 3	25.56	0.95	1	1	9.95622
SU7_str	BOBJ1	195.77	After	Interior Girder 4	25.56	0.95	1	1	9.95622
SU7_str	BOBJ1	195.77	After	Interior Girder 5	25.56	0.95	1	1	11.211823
SU7_str	BOBJ1	195.77	After	Interior Girder 6	25.56	0.95	1	1	12.453527
SU7_str	BOBJ1	195.77	After	Right Exterior Girder	25.56	0.95	1	1	20.906621
SU7_str	BOBJ1	202.16	Before	Left Exterior Girder	31.95	0.95	1	1	21.143505
SU7_str	BOBJ1	202.16	Before	Interior Girder 1	31.95	0.95	1	1	12.65528
SU7_str	BOBJ1	202.16	Before	Interior Girder 2	31.95	0.95	1	1	11.392939
SU7_str	BOBJ1	202.16	Before	Interior Girder 3	31.95	0.95	1	1	10.116964
SU7_str	BOBJ1	202.16	Before	Interior Girder 4	31.95	0.95	1	1	10.116964
SU7_str	BOBJ1	202.16	Before	Interior Girder 5	31.95	0.95	1	1	11.392939
SU7_str	BOBJ1	202.16	Before	Interior Girder 6	31.95	0.95	1	1	12.65528
SU7_str	BOBJ1	202.16	Before	Right Exterior Girder	31.95	0.95	1	1	21.143505
SU7_str	BOBJ1	202.16	After	Left Exterior Girder	31.95	0.95	1	1	29.342039
SU7_str	BOBJ1	202.16	After	Interior Girder 1	31.95	0.95	1	1	12.232497
SU7_str	BOBJ1	202.16	After	Interior Girder 2	31.95	0.95	1	1	10.656508
SU7_str	BOBJ1	202.16	After	Interior Girder 3	31.95	0.95	1	1	9.010423
SU7_str	BOBJ1	202.16	After	Interior Girder 4	31.95	0.95	1	1	9.010423
SU7_str	BOBJ1	202.16	After	Interior Girder 5	31.95	0.95	1	1	10.656508
SU7_str	BOBJ1	202.16	After	Interior Girder 6	31.95	0.95	1	1	12.232497
SU7_str	BOBJ1	202.16	After	Right Exterior Girder	31.95	0.95	1	1	29.342039
SU7_str	BOBJ1	208.55	Before	Left Exterior Girder	38.34	0.95	1	1	29.664093
SU7_str	BOBJ1	208.55	Before	Interior Girder 1	38.34	0.95	1	1	12.042369
SU7_str	BOBJ1	208.55	Before	Interior Girder 2	38.34	0.95	1	1	10.490169
SU7_str	BOBJ1	208.55	Before	Interior Girder 3	38.34	0.95	1	1	8.869751
SU7_str	BOBJ1	208.55	Before	Interior Girder 4	38.34	0.95	1	1	8.869751
SU7_str	BOBJ1	208.55	Before	Interior Girder 5	38.34	0.95	1	1	10.490169
SU7_str	BOBJ1	208.55	Before	Interior Girder 6	38.34	0.95	1	1	12.042369
SU7_str	BOBJ1	208.55	Before	Right Exterior Girder	38.34	0.95	1	1	29.664093
SU7_str	BOBJ1	208.55	After	Left Exterior Girder	38.34	0.95	1	1	14.766226
SU7_str	BOBJ1	208.55	After	Interior Girder 1	38.34	0.95	1	1	13.165942
SU7_str	BOBJ1	208.55	After	Interior Girder 2	38.34	0.95	1	1	11.573604
SU7_str	BOBJ1	208.55	After	Interior Girder 3	38.34	0.95	1	1	10.984342

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Approach, Span 16-19									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
SU7_str	BOBJ1	208.55	After	Interior Girder 4	38.34	0.95	1	1	10.984342
SU7_str	BOBJ1	208.55	After	Interior Girder 5	38.34	0.95	1	1	11.573604
SU7_str	BOBJ1	208.55	After	Interior Girder 6	38.34	0.95	1	1	13.165942
SU7_str	BOBJ1	208.55	After	Right Exterior Girder	38.34	0.95	1	1	14.766226
SU7_str	BOBJ1	215.1233	Before	Left Exterior Girder	44.9133	0.95	1	1	14.596267
SU7_str	BOBJ1	215.1233	Before	Interior Girder 1	44.9133	0.95	1	1	12.948553
SU7_str	BOBJ1	215.1233	Before	Interior Girder 2	44.9133	0.95	1	1	11.383724
SU7_str	BOBJ1	215.1233	Before	Interior Girder 3	44.9133	0.95	1	1	10.80384
SU7_str	BOBJ1	215.1233	Before	Interior Girder 4	44.9133	0.95	1	1	10.80384
SU7_str	BOBJ1	215.1233	Before	Interior Girder 5	44.9133	0.95	1	1	11.383724
SU7_str	BOBJ1	215.1233	Before	Interior Girder 6	44.9133	0.95	1	1	12.948553
SU7_str	BOBJ1	215.1233	Before	Right Exterior Girder	44.9133	0.95	1	1	14.596267
SU7_str	BOBJ1	215.1233	After	Left Exterior Girder	44.9133	0.95	1	1	12.068565
SU7_str	BOBJ1	215.1233	After	Interior Girder 1	44.9133	0.95	1	1	9.369516
SU7_str	BOBJ1	215.1233	After	Interior Girder 2	44.9133	0.95	1	1	8.401358
SU7_str	BOBJ1	215.1233	After	Interior Girder 3	44.9133	0.95	1	1	7.869957
SU7_str	BOBJ1	215.1233	After	Interior Girder 4	44.9133	0.95	1	1	7.869957
SU7_str	BOBJ1	215.1233	After	Interior Girder 5	44.9133	0.95	1	1	8.401358
SU7_str	BOBJ1	215.1233	After	Interior Girder 6	44.9133	0.95	1	1	9.369516
SU7_str	BOBJ1	215.1233	After	Right Exterior Girder	44.9133	0.95	1	1	12.068565
SU7_str	BOBJ1	221.6967	Before	Left Exterior Girder	51.4867	0.95	1	1	11.924941
SU7_str	BOBJ1	221.6967	Before	Interior Girder 1	51.4867	0.95	1	1	9.211417
SU7_str	BOBJ1	221.6967	Before	Interior Girder 2	51.4867	0.95	1	1	8.260351
SU7_str	BOBJ1	221.6967	Before	Interior Girder 3	51.4867	0.95	1	1	7.737624
SU7_str	BOBJ1	221.6967	Before	Interior Girder 4	51.4867	0.95	1	1	7.737624
SU7_str	BOBJ1	221.6967	Before	Interior Girder 5	51.4867	0.95	1	1	8.260351
SU7_str	BOBJ1	221.6967	Before	Interior Girder 6	51.4867	0.95	1	1	9.211417
SU7_str	BOBJ1	221.6967	Before	Right Exterior Girder	51.4867	0.95	1	1	11.924941
SU7_str	BOBJ1	221.6967	After	Left Exterior Girder	51.4867	0.95	1	1	10.310477
SU7_str	BOBJ1	221.6967	After	Interior Girder 1	51.4867	0.95	1	1	6.662528
SU7_str	BOBJ1	221.6967	After	Interior Girder 2	51.4867	0.95	1	1	6.116124
SU7_str	BOBJ1	221.6967	After	Interior Girder 3	51.4867	0.95	1	1	5.493945
SU7_str	BOBJ1	221.6967	After	Interior Girder 4	51.4867	0.95	1	1	5.493945
SU7_str	BOBJ1	221.6967	After	Interior Girder 5	51.4867	0.95	1	1	6.116124
SU7_str	BOBJ1	221.6967	After	Interior Girder 6	51.4867	0.95	1	1	6.662528
SU7_str	BOBJ1	221.6967	After	Right Exterior Girder	51.4867	0.95	1	1	10.310477
SU7_str	BOBJ1	228.27	Before	Left Exterior Girder	58.06	0.95	1	1	10.183317
SU7_str	BOBJ1	228.27	Before	Interior Girder 1	58.06	0.95	1	1	6.54772
SU7_str	BOBJ1	228.27	Before	Interior Girder 2	58.06	0.95	1	1	6.011123
SU7_str	BOBJ1	228.27	Before	Interior Girder 3	58.06	0.95	1	1	5.399303
SU7_str	BOBJ1	228.27	Before	Interior Girder 4	58.06	0.95	1	1	5.399303
SU7_str	BOBJ1	228.27	Before	Interior Girder 5	58.06	0.95	1	1	6.011123
SU7_str	BOBJ1	228.27	Before	Interior Girder 6	58.06	0.95	1	1	6.54772
SU7_str	BOBJ1	228.27	Before	Right Exterior Girder	58.06	0.95	1	1	10.183317
Type 3_str	BOBJ1	0	After	Left Exterior Girder	0	0.95	1	1	12.934956
Type 3_str	BOBJ1	0	After	Interior Girder 1	0	0.95	1	1	7.76613
Type 3_str	BOBJ1	0	After	Interior Girder 2	0	0.95	1	1	7.226185
Type 3_str	BOBJ1	0	After	Interior Girder 3	0	0.95	1	1	6.178338
Type 3_str	BOBJ1	0	After	Interior Girder 4	0	0.95	1	1	6.178338
Type 3_str	BOBJ1	0	After	Interior Girder 5	0	0.95	1	1	7.226185
Type 3_str	BOBJ1	0	After	Interior Girder 6	0	0.95	1	1	7.76613
Type 3_str	BOBJ1	0	After	Right Exterior Girder	0	0.95	1	1	12.934956
Type 3_str	BOBJ1	5.3833	Before	Left Exterior Girder	5.3833	0.95	1	1	13.082793
Type 3_str	BOBJ1	5.3833	Before	Interior Girder 1	5.3833	0.95	1	1	7.887959
Type 3_str	BOBJ1	5.3833	Before	Interior Girder 2	5.3833	0.95	1	1	7.339172
Type 3_str	BOBJ1	5.3833	Before	Interior Girder 3	5.3833	0.95	1	1	6.27541
Type 3_str	BOBJ1	5.3833	Before	Interior Girder 4	5.3833	0.95	1	1	6.27541
Type 3_str	BOBJ1	5.3833	Before	Interior Girder 5	5.3833	0.95	1	1	7.339172
Type 3_str	BOBJ1	5.3833	Before	Interior Girder 6	5.3833	0.95	1	1	7.887959
Type 3_str	BOBJ1	5.3833	Before	Right Exterior Girder	5.3833	0.95	1	1	13.082793
Type 3_str	BOBJ1	5.3833	After	Left Exterior Girder	5.3833	0.95	1	1	15.406522
Type 3_str	BOBJ1	5.3833	After	Interior Girder 1	5.3833	0.95	1	1	10.916925
Type 3_str	BOBJ1	5.3833	After	Interior Girder 2	5.3833	0.95	1	1	9.901501
Type 3_str	BOBJ1	5.3833	After	Interior Girder 3	5.3833	0.95	1	1	9.16245
Type 3_str	BOBJ1	5.3833	After	Interior Girder 4	5.3833	0.95	1	1	9.16245

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Approach, Span 16-19									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Type 3_str	BOBJ1	5.3833	After	Interior Girder 5	5.3833	0.95	1	1	9.901501
Type 3_str	BOBJ1	5.3833	After	Interior Girder 6	5.3833	0.95	1	1	10.916925
Type 3_str	BOBJ1	5.3833	After	Right Exterior Girder	5.3833	0.95	1	1	15.406522
Type 3_str	BOBJ1	10.7667	Before	Left Exterior Girder	10.7667	0.95	1	1	15.576622
Type 3_str	BOBJ1	10.7667	Before	Interior Girder 1	10.7667	0.95	1	1	11.084915
Type 3_str	BOBJ1	10.7667	Before	Interior Girder 2	10.7667	0.95	1	1	10.053062
Type 3_str	BOBJ1	10.7667	Before	Interior Girder 3	10.7667	0.95	1	1	9.303277
Type 3_str	BOBJ1	10.7667	Before	Interior Girder 4	10.7667	0.95	1	1	9.303277
Type 3_str	BOBJ1	10.7667	Before	Interior Girder 5	10.7667	0.95	1	1	10.053062
Type 3_str	BOBJ1	10.7667	Before	Interior Girder 6	10.7667	0.95	1	1	11.084915
Type 3_str	BOBJ1	10.7667	Before	Right Exterior Girder	10.7667	0.95	1	1	15.576622
Type 3_str	BOBJ1	10.7667	After	Left Exterior Girder	10.7667	0.95	1	1	19.461982
Type 3_str	BOBJ1	10.7667	After	Interior Girder 1	10.7667	0.95	1	1	15.521996
Type 3_str	BOBJ1	10.7667	After	Interior Girder 2	10.7667	0.95	1	1	13.867373
Type 3_str	BOBJ1	10.7667	After	Interior Girder 3	10.7667	0.95	1	1	13.190088
Type 3_str	BOBJ1	10.7667	After	Interior Girder 4	10.7667	0.95	1	1	13.190088
Type 3_str	BOBJ1	10.7667	After	Interior Girder 5	10.7667	0.95	1	1	13.867373
Type 3_str	BOBJ1	10.7667	After	Interior Girder 6	10.7667	0.95	1	1	15.521996
Type 3_str	BOBJ1	10.7667	After	Right Exterior Girder	10.7667	0.95	1	1	19.461982
Type 3_str	BOBJ1	16.15	Before	Left Exterior Girder	16.15	0.95	1	1	19.669944
Type 3_str	BOBJ1	16.15	Before	Interior Girder 1	16.15	0.95	1	1	15.756167
Type 3_str	BOBJ1	16.15	Before	Interior Girder 2	16.15	0.95	1	1	14.075248
Type 3_str	BOBJ1	16.15	Before	Interior Girder 3	16.15	0.95	1	1	13.388556
Type 3_str	BOBJ1	16.15	Before	Interior Girder 4	16.15	0.95	1	1	13.388556
Type 3_str	BOBJ1	16.15	Before	Interior Girder 5	16.15	0.95	1	1	14.075248
Type 3_str	BOBJ1	16.15	Before	Interior Girder 6	16.15	0.95	1	1	15.756167
Type 3_str	BOBJ1	16.15	Before	Right Exterior Girder	16.15	0.95	1	1	19.669944
Type 3_str	BOBJ1	16.15	After	Left Exterior Girder	16.15	0.95	1	1	33.546567
Type 3_str	BOBJ1	16.15	After	Interior Girder 1	16.15	0.95	1	1	15.112226
Type 3_str	BOBJ1	16.15	After	Interior Girder 2	16.15	0.95	1	1	13.080551
Type 3_str	BOBJ1	16.15	After	Interior Girder 3	16.15	0.95	1	1	11.021232
Type 3_str	BOBJ1	16.15	After	Interior Girder 4	16.15	0.95	1	1	11.021232
Type 3_str	BOBJ1	16.15	After	Interior Girder 5	16.15	0.95	1	1	13.080551
Type 3_str	BOBJ1	16.15	After	Interior Girder 6	16.15	0.95	1	1	15.112226
Type 3_str	BOBJ1	16.15	After	Right Exterior Girder	16.15	0.95	1	1	33.546567
Type 3_str	BOBJ1	22.1267	Before	Left Exterior Girder	22.1267	0.95	1	1	33.1493
Type 3_str	BOBJ1	22.1267	Before	Interior Girder 1	22.1267	0.95	1	1	15.357685
Type 3_str	BOBJ1	22.1267	Before	Interior Girder 2	22.1267	0.95	1	1	13.294186
Type 3_str	BOBJ1	22.1267	Before	Interior Girder 3	22.1267	0.95	1	1	11.201145
Type 3_str	BOBJ1	22.1267	Before	Interior Girder 4	22.1267	0.95	1	1	11.201145
Type 3_str	BOBJ1	22.1267	Before	Interior Girder 5	22.1267	0.95	1	1	13.294186
Type 3_str	BOBJ1	22.1267	Before	Interior Girder 6	22.1267	0.95	1	1	15.357685
Type 3_str	BOBJ1	22.1267	Before	Right Exterior Girder	22.1267	0.95	1	1	33.1493
Type 3_str	BOBJ1	22.1267	After	Left Exterior Girder	22.1267	0.95	1	1	22.915296
Type 3_str	BOBJ1	22.1267	After	Interior Girder 1	22.1267	0.95	1	1	13.993753
Type 3_str	BOBJ1	22.1267	After	Interior Girder 2	22.1267	0.95	1	1	12.787882
Type 3_str	BOBJ1	22.1267	After	Interior Girder 3	22.1267	0.95	1	1	10.962283
Type 3_str	BOBJ1	22.1267	After	Interior Girder 4	22.1267	0.95	1	1	10.962283
Type 3_str	BOBJ1	22.1267	After	Interior Girder 5	22.1267	0.95	1	1	12.787882
Type 3_str	BOBJ1	22.1267	After	Interior Girder 6	22.1267	0.95	1	1	13.993753
Type 3_str	BOBJ1	22.1267	After	Right Exterior Girder	22.1267	0.95	1	1	22.915296
Type 3_str	BOBJ1	28.1033	Before	Left Exterior Girder	28.1033	0.95	1	1	22.633921
Type 3_str	BOBJ1	28.1033	Before	Interior Girder 1	28.1033	0.95	1	1	13.756288
Type 3_str	BOBJ1	28.1033	Before	Interior Girder 2	28.1033	0.95	1	1	12.571812
Type 3_str	BOBJ1	28.1033	Before	Interior Girder 3	28.1033	0.95	1	1	10.776955
Type 3_str	BOBJ1	28.1033	Before	Interior Girder 4	28.1033	0.95	1	1	10.776955
Type 3_str	BOBJ1	28.1033	Before	Interior Girder 5	28.1033	0.95	1	1	12.571812
Type 3_str	BOBJ1	28.1033	Before	Interior Girder 6	28.1033	0.95	1	1	13.756288
Type 3_str	BOBJ1	28.1033	Before	Right Exterior Girder	28.1033	0.95	1	1	22.633921
Type 3_str	BOBJ1	28.1033	After	Left Exterior Girder	28.1033	0.95	1	1	16.979209
Type 3_str	BOBJ1	28.1033	After	Interior Girder 1	28.1033	0.95	1	1	9.456581
Type 3_str	BOBJ1	28.1033	After	Interior Girder 2	28.1033	0.95	1	1	8.567991
Type 3_str	BOBJ1	28.1033	After	Interior Girder 3	28.1033	0.95	1	1	7.277427
Type 3_str	BOBJ1	28.1033	After	Interior Girder 4	28.1033	0.95	1	1	7.277427
Type 3_str	BOBJ1	28.1033	After	Interior Girder 5	28.1033	0.95	1	1	8.567991

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Approach, Span 16-19									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Type 3_str	BOBJ1	28.1033	After	Interior Girder 6	28.1033	0.95	1	1	9.456581
Type 3_str	BOBJ1	28.1033	After	Right Exterior Girder	28.1033	0.95	1	1	16.979209
Type 3_str	BOBJ1	34.08	Before	Left Exterior Girder	34.08	0.95	1	1	16.762621
Type 3_str	BOBJ1	34.08	Before	Interior Girder 1	34.08	0.95	1	1	9.292571
Type 3_str	BOBJ1	34.08	Before	Interior Girder 2	34.08	0.95	1	1	8.419806
Type 3_str	BOBJ1	34.08	Before	Interior Girder 3	34.08	0.95	1	1	7.151379
Type 3_str	BOBJ1	34.08	Before	Interior Girder 4	34.08	0.95	1	1	7.151379
Type 3_str	BOBJ1	34.08	Before	Interior Girder 5	34.08	0.95	1	1	8.419806
Type 3_str	BOBJ1	34.08	Before	Interior Girder 6	34.08	0.95	1	1	9.292571
Type 3_str	BOBJ1	34.08	Before	Right Exterior Girder	34.08	0.95	1	1	16.762621
Type 3_str	BOBJ1	34.08	After	Left Exterior Girder	34.08	0.95	1	1	11.009973
Type 3_str	BOBJ1	34.08	After	Interior Girder 1	34.08	0.95	1	1	8.902816
Type 3_str	BOBJ1	34.08	After	Interior Girder 2	34.08	0.95	1	1	8.099356
Type 3_str	BOBJ1	34.08	After	Interior Girder 3	34.08	0.95	1	1	7.21831
Type 3_str	BOBJ1	34.08	After	Interior Girder 4	34.08	0.95	1	1	7.21831
Type 3_str	BOBJ1	34.08	After	Interior Girder 5	34.08	0.95	1	1	8.099356
Type 3_str	BOBJ1	34.08	After	Interior Girder 6	34.08	0.95	1	1	8.902816
Type 3_str	BOBJ1	34.08	After	Right Exterior Girder	34.08	0.95	1	1	11.009973
Type 3_str	BOBJ1	39.855	Before	Left Exterior Girder	39.855	0.95	1	1	10.868197
Type 3_str	BOBJ1	39.855	Before	Interior Girder 1	39.855	0.95	1	1	8.75019
Type 3_str	BOBJ1	39.855	Before	Interior Girder 2	39.855	0.95	1	1	7.962116
Type 3_str	BOBJ1	39.855	Before	Interior Girder 3	39.855	0.95	1	1	7.093079
Type 3_str	BOBJ1	39.855	Before	Interior Girder 4	39.855	0.95	1	1	7.093079
Type 3_str	BOBJ1	39.855	Before	Interior Girder 5	39.855	0.95	1	1	7.962116
Type 3_str	BOBJ1	39.855	Before	Interior Girder 6	39.855	0.95	1	1	8.75019
Type 3_str	BOBJ1	39.855	Before	Right Exterior Girder	39.855	0.95	1	1	10.868197
Type 3_str	BOBJ1	39.855	After	Left Exterior Girder	39.855	0.95	1	1	6.516623
Type 3_str	BOBJ1	39.855	After	Interior Girder 1	39.855	0.95	1	1	8.435812
Type 3_str	BOBJ1	39.855	After	Interior Girder 2	39.855	0.95	1	1	6.25518
Type 3_str	BOBJ1	39.855	After	Interior Girder 3	39.855	0.95	1	1	5.100819
Type 3_str	BOBJ1	39.855	After	Interior Girder 4	39.855	0.95	1	1	5.100819
Type 3_str	BOBJ1	39.855	After	Interior Girder 5	39.855	0.95	1	1	6.25518
Type 3_str	BOBJ1	39.855	After	Interior Girder 6	39.855	0.95	1	1	8.435812
Type 3_str	BOBJ1	39.855	After	Right Exterior Girder	39.855	0.95	1	1	6.516623
Type 3_str	BOBJ1	40.0288	Before	Left Exterior Girder	40.0288	0.95	1	1	6.513824
Type 3_str	BOBJ1	40.0288	Before	Right Exterior Girder	40.0288	0.95	1	1	6.513824
Type 3_str	BOBJ1	40.0288	After	Left Exterior Girder	40.0288	0.95	1	1	9.612059
Type 3_str	BOBJ1	40.0288	After	Right Exterior Girder	40.0288	0.95	1	1	9.612059
Type 3_str	BOBJ1	45.63	Before	Left Exterior Girder	45.63	0.95	1	1	9.479693
Type 3_str	BOBJ1	45.63	Before	Interior Girder 1	45.63	0.95	1	1	6.628212
Type 3_str	BOBJ1	45.63	Before	Interior Girder 2	45.63	0.95	1	1	6.146905
Type 3_str	BOBJ1	45.63	Before	Interior Girder 3	45.63	0.95	1	1	5.009934
Type 3_str	BOBJ1	45.63	Before	Interior Girder 4	45.63	0.95	1	1	5.009934
Type 3_str	BOBJ1	45.63	Before	Interior Girder 5	45.63	0.95	1	1	6.146905
Type 3_str	BOBJ1	45.63	Before	Interior Girder 6	45.63	0.95	1	1	6.628212
Type 3_str	BOBJ1	45.63	Before	Right Exterior Girder	45.63	0.95	1	1	9.479693
Type 3_str	BOBJ1	45.63	After	Left Exterior Girder	0	0.95	1	1	8.12236
Type 3_str	BOBJ1	45.63	After	Interior Girder 1	0	0.95	1	1	6.282446
Type 3_str	BOBJ1	45.63	After	Interior Girder 2	0	0.95	1	1	5.781305
Type 3_str	BOBJ1	45.63	After	Interior Girder 3	0	0.95	1	1	4.799663
Type 3_str	BOBJ1	45.63	After	Interior Girder 4	0	0.95	1	1	4.799663
Type 3_str	BOBJ1	45.63	After	Interior Girder 5	0	0.95	1	1	5.781305
Type 3_str	BOBJ1	45.63	After	Interior Girder 6	0	0.95	1	1	6.282446
Type 3_str	BOBJ1	45.63	After	Right Exterior Girder	0	0.95	1	1	8.12236
Type 3_str	BOBJ1	50.6298	Before	Left Exterior Girder	4.9998	0.95	1	1	8.22577
Type 3_str	BOBJ1	50.6298	Before	Right Exterior Girder	4.9998	0.95	1	1	8.22577
Type 3_str	BOBJ1	50.6298	After	Left Exterior Girder	4.9998	0.95	1	1	6.097429
Type 3_str	BOBJ1	50.6298	After	Right Exterior Girder	4.9998	0.95	1	1	6.097429
Type 3_str	BOBJ1	51.4	Before	Left Exterior Girder	5.77	0.95	1	1	6.109213
Type 3_str	BOBJ1	51.4	Before	Interior Girder 1	5.77	0.95	1	1	7.48736
Type 3_str	BOBJ1	51.4	Before	Interior Girder 2	5.77	0.95	1	1	5.884792
Type 3_str	BOBJ1	51.4	Before	Interior Girder 3	5.77	0.95	1	1	4.888138
Type 3_str	BOBJ1	51.4	Before	Interior Girder 4	5.77	0.95	1	1	4.888138
Type 3_str	BOBJ1	51.4	Before	Interior Girder 5	5.77	0.95	1	1	5.884792
Type 3_str	BOBJ1	51.4	Before	Interior Girder 6	5.77	0.95	1	1	7.48736

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Approach, Span 16-19									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Type 3_str	BOBJ1	51.4	Before	Right Exterior Girder	5.77	0.95	1	1	6.109213
Type 3_str	BOBJ1	51.4	After	Left Exterior Girder	5.77	0.95	1	1	8.862753
Type 3_str	BOBJ1	51.4	After	Interior Girder 1	5.77	0.95	1	1	7.923792
Type 3_str	BOBJ1	51.4	After	Interior Girder 2	5.77	0.95	1	1	7.271525
Type 3_str	BOBJ1	51.4	After	Interior Girder 3	5.77	0.95	1	1	6.494735
Type 3_str	BOBJ1	51.4	After	Interior Girder 4	5.77	0.95	1	1	6.494735
Type 3_str	BOBJ1	51.4	After	Interior Girder 5	5.77	0.95	1	1	7.271525
Type 3_str	BOBJ1	51.4	After	Interior Girder 6	5.77	0.95	1	1	7.923792
Type 3_str	BOBJ1	51.4	After	Right Exterior Girder	5.77	0.95	1	1	8.862753
Type 3_str	BOBJ1	57.17	Before	Left Exterior Girder	11.54	0.95	1	1	8.980571
Type 3_str	BOBJ1	57.17	Before	Interior Girder 1	11.54	0.95	1	1	8.064205
Type 3_str	BOBJ1	57.17	Before	Interior Girder 2	11.54	0.95	1	1	7.398836
Type 3_str	BOBJ1	57.17	Before	Interior Girder 3	11.54	0.95	1	1	6.611195
Type 3_str	BOBJ1	57.17	Before	Interior Girder 4	11.54	0.95	1	1	6.611195
Type 3_str	BOBJ1	57.17	Before	Interior Girder 5	11.54	0.95	1	1	7.398836
Type 3_str	BOBJ1	57.17	Before	Interior Girder 6	11.54	0.95	1	1	8.064205
Type 3_str	BOBJ1	57.17	Before	Right Exterior Girder	11.54	0.95	1	1	8.980571
Type 3_str	BOBJ1	57.17	After	Left Exterior Girder	11.54	0.95	1	1	12.693487
Type 3_str	BOBJ1	57.17	After	Interior Girder 1	11.54	0.95	1	1	7.992102
Type 3_str	BOBJ1	57.17	After	Interior Girder 2	11.54	0.95	1	1	7.533572
Type 3_str	BOBJ1	57.17	After	Interior Girder 3	11.54	0.95	1	1	6.570163
Type 3_str	BOBJ1	57.17	After	Interior Girder 4	11.54	0.95	1	1	6.570163
Type 3_str	BOBJ1	57.17	After	Interior Girder 5	11.54	0.95	1	1	7.533572
Type 3_str	BOBJ1	57.17	After	Interior Girder 6	11.54	0.95	1	1	7.992102
Type 3_str	BOBJ1	57.17	After	Right Exterior Girder	11.54	0.95	1	1	12.693487
Type 3_str	BOBJ1	63.34	Before	Left Exterior Girder	17.71	0.95	1	1	12.865913
Type 3_str	BOBJ1	63.34	Before	Interior Girder 1	17.71	0.95	1	1	8.140347
Type 3_str	BOBJ1	63.34	Before	Interior Girder 2	17.71	0.95	1	1	7.672625
Type 3_str	BOBJ1	63.34	Before	Interior Girder 3	17.71	0.95	1	1	6.691489
Type 3_str	BOBJ1	63.34	Before	Interior Girder 4	17.71	0.95	1	1	6.691489
Type 3_str	BOBJ1	63.34	Before	Interior Girder 5	17.71	0.95	1	1	7.672625
Type 3_str	BOBJ1	63.34	Before	Interior Girder 6	17.71	0.95	1	1	8.140347
Type 3_str	BOBJ1	63.34	Before	Right Exterior Girder	17.71	0.95	1	1	12.865913
Type 3_str	BOBJ1	63.34	After	Left Exterior Girder	17.71	0.95	1	1	14.656149
Type 3_str	BOBJ1	63.34	After	Interior Girder 1	17.71	0.95	1	1	10.612272
Type 3_str	BOBJ1	63.34	After	Interior Girder 2	17.71	0.95	1	1	9.899728
Type 3_str	BOBJ1	63.34	After	Interior Girder 3	17.71	0.95	1	1	9.22616
Type 3_str	BOBJ1	63.34	After	Interior Girder 4	17.71	0.95	1	1	9.22616
Type 3_str	BOBJ1	63.34	After	Interior Girder 5	17.71	0.95	1	1	9.899728
Type 3_str	BOBJ1	63.34	After	Interior Girder 6	17.71	0.95	1	1	10.612272
Type 3_str	BOBJ1	63.34	After	Right Exterior Girder	17.71	0.95	1	1	14.656149
Type 3_str	BOBJ1	69.51	Before	Left Exterior Girder	23.88	0.95	1	1	14.847334
Type 3_str	BOBJ1	69.51	Before	Interior Girder 1	23.88	0.95	1	1	10.804594
Type 3_str	BOBJ1	69.51	Before	Interior Girder 2	23.88	0.95	1	1	10.077951
Type 3_str	BOBJ1	69.51	Before	Interior Girder 3	23.88	0.95	1	1	9.392188
Type 3_str	BOBJ1	69.51	Before	Interior Girder 4	23.88	0.95	1	1	9.392188
Type 3_str	BOBJ1	69.51	Before	Interior Girder 5	23.88	0.95	1	1	10.077951
Type 3_str	BOBJ1	69.51	Before	Interior Girder 6	23.88	0.95	1	1	10.804594
Type 3_str	BOBJ1	69.51	Before	Right Exterior Girder	23.88	0.95	1	1	14.847334
Type 3_str	BOBJ1	69.51	After	Left Exterior Girder	23.88	0.95	1	1	17.454617
Type 3_str	BOBJ1	69.51	After	Interior Girder 1	23.88	0.95	1	1	14.548502
Type 3_str	BOBJ1	69.51	After	Interior Girder 2	23.88	0.95	1	1	13.393498
Type 3_str	BOBJ1	69.51	After	Interior Girder 3	23.88	0.95	1	1	11.84558
Type 3_str	BOBJ1	69.51	After	Interior Girder 4	23.88	0.95	1	1	11.84558
Type 3_str	BOBJ1	69.51	After	Interior Girder 5	23.88	0.95	1	1	13.393498
Type 3_str	BOBJ1	69.51	After	Interior Girder 6	23.88	0.95	1	1	14.548502
Type 3_str	BOBJ1	69.51	After	Right Exterior Girder	23.88	0.95	1	1	17.454617
Type 3_str	BOBJ1	75.68	Before	Left Exterior Girder	30.05	0.95	1	1	17.673768
Type 3_str	BOBJ1	75.68	Before	Interior Girder 1	30.05	0.95	1	1	14.806049
Type 3_str	BOBJ1	75.68	Before	Interior Girder 2	30.05	0.95	1	1	13.6287
Type 3_str	BOBJ1	75.68	Before	Interior Girder 3	30.05	0.95	1	1	11.651476
Type 3_str	BOBJ1	75.68	Before	Interior Girder 4	30.05	0.95	1	1	11.651476
Type 3_str	BOBJ1	75.68	Before	Interior Girder 5	30.05	0.95	1	1	13.6287
Type 3_str	BOBJ1	75.68	Before	Interior Girder 6	30.05	0.95	1	1	14.806049
Type 3_str	BOBJ1	75.68	Before	Right Exterior Girder	30.05	0.95	1	1	17.673768

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Approach, Span 16-19									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Type 3_str	BOBJ1	75.68	After	Left Exterior Girder	30.05	0.95	1	1	27.805374
Type 3_str	BOBJ1	75.68	After	Interior Girder 1	30.05	0.95	1	1	13.234467
Type 3_str	BOBJ1	75.68	After	Interior Girder 2	30.05	0.95	1	1	11.444484
Type 3_str	BOBJ1	75.68	After	Interior Girder 3	30.05	0.95	1	1	9.654969
Type 3_str	BOBJ1	75.68	After	Interior Girder 4	30.05	0.95	1	1	9.654969
Type 3_str	BOBJ1	75.68	After	Interior Girder 5	30.05	0.95	1	1	11.444484
Type 3_str	BOBJ1	75.68	After	Interior Girder 6	30.05	0.95	1	1	13.234467
Type 3_str	BOBJ1	75.68	After	Right Exterior Girder	30.05	0.95	1	1	27.805374
Type 3_str	BOBJ1	81.8467	Before	Left Exterior Girder	36.2167	0.95	1	1	27.474172
Type 3_str	BOBJ1	81.8467	Before	Interior Girder 1	36.2167	0.95	1	1	13.460036
Type 3_str	BOBJ1	81.8467	Before	Interior Girder 2	36.2167	0.95	1	1	11.640386
Type 3_str	BOBJ1	81.8467	Before	Interior Girder 3	36.2167	0.95	1	1	9.820284
Type 3_str	BOBJ1	81.8467	Before	Interior Girder 4	36.2167	0.95	1	1	9.820284
Type 3_str	BOBJ1	81.8467	Before	Interior Girder 5	36.2167	0.95	1	1	11.640386
Type 3_str	BOBJ1	81.8467	Before	Interior Girder 6	36.2167	0.95	1	1	13.460036
Type 3_str	BOBJ1	81.8467	Before	Right Exterior Girder	36.2167	0.95	1	1	27.474172
Type 3_str	BOBJ1	81.8467	After	Left Exterior Girder	36.2167	0.95	1	1	21.365309
Type 3_str	BOBJ1	81.8467	After	Interior Girder 1	36.2167	0.95	1	1	13.685225
Type 3_str	BOBJ1	81.8467	After	Interior Girder 2	36.2167	0.95	1	1	12.60393
Type 3_str	BOBJ1	81.8467	After	Interior Girder 3	36.2167	0.95	1	1	11.264378
Type 3_str	BOBJ1	81.8467	After	Interior Girder 4	36.2167	0.95	1	1	11.264378
Type 3_str	BOBJ1	81.8467	After	Interior Girder 5	36.2167	0.95	1	1	12.60393
Type 3_str	BOBJ1	81.8467	After	Interior Girder 6	36.2167	0.95	1	1	13.685225
Type 3_str	BOBJ1	81.8467	After	Right Exterior Girder	36.2167	0.95	1	1	21.365309
Type 3_str	BOBJ1	88.0133	Before	Left Exterior Girder	42.3833	0.95	1	1	21.101464
Type 3_str	BOBJ1	88.0133	Before	Interior Girder 1	42.3833	0.95	1	1	13.449517
Type 3_str	BOBJ1	88.0133	Before	Interior Girder 2	42.3833	0.95	1	1	12.387447
Type 3_str	BOBJ1	88.0133	Before	Interior Girder 3	42.3833	0.95	1	1	11.071051
Type 3_str	BOBJ1	88.0133	Before	Interior Girder 4	42.3833	0.95	1	1	11.071051
Type 3_str	BOBJ1	88.0133	Before	Interior Girder 5	42.3833	0.95	1	1	12.387447
Type 3_str	BOBJ1	88.0133	Before	Interior Girder 6	42.3833	0.95	1	1	13.449517
Type 3_str	BOBJ1	88.0133	Before	Right Exterior Girder	42.3833	0.95	1	1	21.101464
Type 3_str	BOBJ1	88.0133	After	Left Exterior Girder	42.3833	0.95	1	1	17.628805
Type 3_str	BOBJ1	88.0133	After	Interior Girder 1	42.3833	0.95	1	1	9.858984
Type 3_str	BOBJ1	88.0133	After	Interior Girder 2	42.3833	0.95	1	1	9.071396
Type 3_str	BOBJ1	88.0133	After	Interior Girder 3	42.3833	0.95	1	1	7.80177
Type 3_str	BOBJ1	88.0133	After	Interior Girder 4	42.3833	0.95	1	1	7.80177
Type 3_str	BOBJ1	88.0133	After	Interior Girder 5	42.3833	0.95	1	1	9.071396
Type 3_str	BOBJ1	88.0133	After	Interior Girder 6	42.3833	0.95	1	1	9.858984
Type 3_str	BOBJ1	88.0133	After	Right Exterior Girder	42.3833	0.95	1	1	17.628805
Type 3_str	BOBJ1	94.18	Before	Left Exterior Girder	48.55	0.95	1	1	17.402715
Type 3_str	BOBJ1	94.18	Before	Interior Girder 1	48.55	0.95	1	1	9.685303
Type 3_str	BOBJ1	94.18	Before	Interior Girder 2	48.55	0.95	1	1	8.911771
Type 3_str	BOBJ1	94.18	Before	Interior Girder 3	48.55	0.95	1	1	7.664588
Type 3_str	BOBJ1	94.18	Before	Interior Girder 4	48.55	0.95	1	1	7.664588
Type 3_str	BOBJ1	94.18	Before	Interior Girder 5	48.55	0.95	1	1	8.911771
Type 3_str	BOBJ1	94.18	Before	Interior Girder 6	48.55	0.95	1	1	9.685303
Type 3_str	BOBJ1	94.18	Before	Right Exterior Girder	48.55	0.95	1	1	17.402715
Type 3_str	BOBJ1	94.18	After	Left Exterior Girder	48.55	0.95	1	1	11.088418
Type 3_str	BOBJ1	94.18	After	Interior Girder 1	48.55	0.95	1	1	10.244802
Type 3_str	BOBJ1	94.18	After	Interior Girder 2	48.55	0.95	1	1	9.401603
Type 3_str	BOBJ1	94.18	After	Interior Girder 3	48.55	0.95	1	1	8.825207
Type 3_str	BOBJ1	94.18	After	Interior Girder 4	48.55	0.95	1	1	8.825207
Type 3_str	BOBJ1	94.18	After	Interior Girder 5	48.55	0.95	1	1	9.401603
Type 3_str	BOBJ1	94.18	After	Interior Girder 6	48.55	0.95	1	1	10.244802
Type 3_str	BOBJ1	94.18	After	Right Exterior Girder	48.55	0.95	1	1	11.088418
Type 3_str	BOBJ1	100.3567	Before	Left Exterior Girder	54.7267	0.95	1	1	10.940653
Type 3_str	BOBJ1	100.3567	Before	Interior Girder 1	54.7267	0.95	1	1	10.058621
Type 3_str	BOBJ1	100.3567	Before	Interior Girder 2	54.7267	0.95	1	1	9.232525
Type 3_str	BOBJ1	100.3567	Before	Interior Girder 3	54.7267	0.95	1	1	8.664785
Type 3_str	BOBJ1	100.3567	Before	Interior Girder 4	54.7267	0.95	1	1	8.664785
Type 3_str	BOBJ1	100.3567	Before	Interior Girder 5	54.7267	0.95	1	1	9.232525
Type 3_str	BOBJ1	100.3567	Before	Interior Girder 6	54.7267	0.95	1	1	10.058621
Type 3_str	BOBJ1	100.3567	Before	Right Exterior Girder	54.7267	0.95	1	1	10.940653
Type 3_str	BOBJ1	100.3567	After	Left Exterior Girder	54.7267	0.95	1	1	9.799944

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Approach, Span 16-19									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Type 3_str	BOBJ1	100.3567	After	Interior Girder 1	54.7267	0.95	1	1	7.833992
Type 3_str	BOBJ1	100.3567	After	Interior Girder 2	54.7267	0.95	1	1	7.263884
Type 3_str	BOBJ1	100.3567	After	Interior Girder 3	54.7267	0.95	1	1	6.520718
Type 3_str	BOBJ1	100.3567	After	Interior Girder 4	54.7267	0.95	1	1	6.520718
Type 3_str	BOBJ1	100.3567	After	Interior Girder 5	54.7267	0.95	1	1	7.263884
Type 3_str	BOBJ1	100.3567	After	Interior Girder 6	54.7267	0.95	1	1	7.833992
Type 3_str	BOBJ1	100.3567	After	Right Exterior Girder	54.7267	0.95	1	1	9.799944
Type 3_str	BOBJ1	106.5333	Before	Left Exterior Girder	60.9033	0.95	1	1	9.663807
Type 3_str	BOBJ1	106.5333	Before	Interior Girder 1	60.9033	0.95	1	1	7.688297
Type 3_str	BOBJ1	106.5333	Before	Interior Girder 2	60.9033	0.95	1	1	7.130022
Type 3_str	BOBJ1	106.5333	Before	Interior Girder 3	60.9033	0.95	1	1	6.398982
Type 3_str	BOBJ1	106.5333	Before	Interior Girder 4	60.9033	0.95	1	1	6.398982
Type 3_str	BOBJ1	106.5333	Before	Interior Girder 5	60.9033	0.95	1	1	7.130022
Type 3_str	BOBJ1	106.5333	Before	Interior Girder 6	60.9033	0.95	1	1	7.688297
Type 3_str	BOBJ1	106.5333	Before	Right Exterior Girder	60.9033	0.95	1	1	9.663807
Type 3_str	BOBJ1	106.5333	After	Left Exterior Girder	60.9033	0.95	1	1	7.996037
Type 3_str	BOBJ1	106.5333	After	Interior Girder 1	60.9033	0.95	1	1	6.447731
Type 3_str	BOBJ1	106.5333	After	Interior Girder 2	60.9033	0.95	1	1	5.711515
Type 3_str	BOBJ1	106.5333	After	Interior Girder 3	60.9033	0.95	1	1	4.722786
Type 3_str	BOBJ1	106.5333	After	Interior Girder 4	60.9033	0.95	1	1	4.722786
Type 3_str	BOBJ1	106.5333	After	Interior Girder 5	60.9033	0.95	1	1	5.711515
Type 3_str	BOBJ1	106.5333	After	Interior Girder 6	60.9033	0.95	1	1	6.447731
Type 3_str	BOBJ1	106.5333	After	Right Exterior Girder	60.9033	0.95	1	1	7.996037
Type 3_str	BOBJ1	108.2102	Before	Left Exterior Girder	62.5802	0.95	1	1	7.964017
Type 3_str	BOBJ1	108.2102	Before	Right Exterior Girder	62.5802	0.95	1	1	7.964017
Type 3_str	BOBJ1	108.2102	After	Left Exterior Girder	62.5802	0.95	1	1	8.824776
Type 3_str	BOBJ1	108.2102	After	Right Exterior Girder	62.5802	0.95	1	1	8.824776
Type 3_str	BOBJ1	112.71	Before	Left Exterior Girder	67.08	0.95	1	1	8.72529
Type 3_str	BOBJ1	112.71	Before	Interior Girder 1	67.08	0.95	1	1	6.015123
Type 3_str	BOBJ1	112.71	Before	Interior Girder 2	67.08	0.95	1	1	5.603747
Type 3_str	BOBJ1	112.71	Before	Interior Girder 3	67.08	0.95	1	1	4.632062
Type 3_str	BOBJ1	112.71	Before	Interior Girder 4	67.08	0.95	1	1	4.632062
Type 3_str	BOBJ1	112.71	Before	Interior Girder 5	67.08	0.95	1	1	5.603747
Type 3_str	BOBJ1	112.71	Before	Interior Girder 6	67.08	0.95	1	1	6.015123
Type 3_str	BOBJ1	112.71	Before	Right Exterior Girder	67.08	0.95	1	1	8.72529
Type 3_str	BOBJ1	112.71	After	Left Exterior Girder	0	0.95	1	1	9.876628
Type 3_str	BOBJ1	112.71	After	Interior Girder 1	0	0.95	1	1	6.440687
Type 3_str	BOBJ1	112.71	After	Interior Girder 2	0	0.95	1	1	5.949148
Type 3_str	BOBJ1	112.71	After	Interior Girder 3	0	0.95	1	1	4.865305
Type 3_str	BOBJ1	112.71	After	Interior Girder 4	0	0.95	1	1	4.865305
Type 3_str	BOBJ1	112.71	After	Interior Girder 5	0	0.95	1	1	5.949148
Type 3_str	BOBJ1	112.71	After	Interior Girder 6	0	0.95	1	1	6.440687
Type 3_str	BOBJ1	112.71	After	Right Exterior Girder	0	0.95	1	1	9.876628
Type 3_str	BOBJ1	117.21	Before	Left Exterior Girder	4.5	0.95	1	1	9.985999
Type 3_str	BOBJ1	117.21	Before	Right Exterior Girder	4.5	0.95	1	1	9.985999
Type 3_str	BOBJ1	117.21	After	Left Exterior Girder	4.5	0.95	1	1	9.673406
Type 3_str	BOBJ1	117.21	After	Right Exterior Girder	4.5	0.95	1	1	9.673406
Type 3_str	BOBJ1	119.1	Before	Left Exterior Girder	6.39	0.95	1	1	9.715613
Type 3_str	BOBJ1	119.1	Before	Interior Girder 1	6.39	0.95	1	1	6.742861
Type 3_str	BOBJ1	119.1	Before	Interior Girder 2	6.39	0.95	1	1	6.064843
Type 3_str	BOBJ1	119.1	Before	Interior Girder 3	6.39	0.95	1	1	4.961739
Type 3_str	BOBJ1	119.1	Before	Interior Girder 4	6.39	0.95	1	1	4.961739
Type 3_str	BOBJ1	119.1	Before	Interior Girder 5	6.39	0.95	1	1	6.064843
Type 3_str	BOBJ1	119.1	Before	Interior Girder 6	6.39	0.95	1	1	6.742861
Type 3_str	BOBJ1	119.1	Before	Right Exterior Girder	6.39	0.95	1	1	9.715613
Type 3_str	BOBJ1	119.1	After	Left Exterior Girder	6.39	0.95	1	1	11.594625
Type 3_str	BOBJ1	119.1	After	Interior Girder 1	6.39	0.95	1	1	8.539717
Type 3_str	BOBJ1	119.1	After	Interior Girder 2	6.39	0.95	1	1	7.836592
Type 3_str	BOBJ1	119.1	After	Interior Girder 3	6.39	0.95	1	1	6.943033
Type 3_str	BOBJ1	119.1	After	Interior Girder 4	6.39	0.95	1	1	6.943033
Type 3_str	BOBJ1	119.1	After	Interior Girder 5	6.39	0.95	1	1	7.836592
Type 3_str	BOBJ1	119.1	After	Interior Girder 6	6.39	0.95	1	1	8.539717
Type 3_str	BOBJ1	119.1	After	Right Exterior Girder	6.39	0.95	1	1	11.594625
Type 3_str	BOBJ1	125.49	Before	Left Exterior Girder	12.78	0.95	1	1	11.75863
Type 3_str	BOBJ1	125.49	Before	Interior Girder 1	12.78	0.95	1	1	8.702944

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Approach, Span 16-19									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Type 3_str	BOBJ1	125.49	Before	Interior Girder 2	12.78	0.95	1	1	7.985331
Type 3_str	BOBJ1	125.49	Before	Interior Girder 3	12.78	0.95	1	1	7.076666
Type 3_str	BOBJ1	125.49	Before	Interior Girder 4	12.78	0.95	1	1	7.076666
Type 3_str	BOBJ1	125.49	Before	Interior Girder 5	12.78	0.95	1	1	7.985331
Type 3_str	BOBJ1	125.49	Before	Interior Girder 6	12.78	0.95	1	1	8.702944
Type 3_str	BOBJ1	125.49	Before	Right Exterior Girder	12.78	0.95	1	1	11.75863
Type 3_str	BOBJ1	125.49	After	Left Exterior Girder	12.78	0.95	1	1	13.875558
Type 3_str	BOBJ1	125.49	After	Interior Girder 1	12.78	0.95	1	1	11.829841
Type 3_str	BOBJ1	125.49	After	Interior Girder 2	12.78	0.95	1	1	10.639202
Type 3_str	BOBJ1	125.49	After	Interior Girder 3	12.78	0.95	1	1	9.928556
Type 3_str	BOBJ1	125.49	After	Interior Girder 4	12.78	0.95	1	1	9.928556
Type 3_str	BOBJ1	125.49	After	Interior Girder 5	12.78	0.95	1	1	10.639202
Type 3_str	BOBJ1	125.49	After	Interior Girder 6	12.78	0.95	1	1	11.829841
Type 3_str	BOBJ1	125.49	After	Right Exterior Girder	12.78	0.95	1	1	13.875558
Type 3_str	BOBJ1	131.88	Before	Left Exterior Girder	19.17	0.95	1	1	14.063671
Type 3_str	BOBJ1	131.88	Before	Interior Girder 1	19.17	0.95	1	1	12.050643
Type 3_str	BOBJ1	131.88	Before	Interior Girder 2	19.17	0.95	1	1	10.836132
Type 3_str	BOBJ1	131.88	Before	Interior Girder 3	19.17	0.95	1	1	10.114496
Type 3_str	BOBJ1	131.88	Before	Interior Girder 4	19.17	0.95	1	1	10.114496
Type 3_str	BOBJ1	131.88	Before	Interior Girder 5	19.17	0.95	1	1	10.836132
Type 3_str	BOBJ1	131.88	Before	Interior Girder 6	19.17	0.95	1	1	12.050643
Type 3_str	BOBJ1	131.88	Before	Right Exterior Girder	19.17	0.95	1	1	14.063671
Type 3_str	BOBJ1	131.88	After	Left Exterior Girder	19.17	0.95	1	1	24.820504
Type 3_str	BOBJ1	131.88	After	Interior Girder 1	19.17	0.95	1	1	11.522979
Type 3_str	BOBJ1	131.88	After	Interior Girder 2	19.17	0.95	1	1	10.295176
Type 3_str	BOBJ1	131.88	After	Interior Girder 3	19.17	0.95	1	1	8.707066
Type 3_str	BOBJ1	131.88	After	Interior Girder 4	19.17	0.95	1	1	8.707066
Type 3_str	BOBJ1	131.88	After	Interior Girder 5	19.17	0.95	1	1	10.295176
Type 3_str	BOBJ1	131.88	After	Interior Girder 6	19.17	0.95	1	1	11.522979
Type 3_str	BOBJ1	131.88	After	Right Exterior Girder	19.17	0.95	1	1	24.820504
Type 3_str	BOBJ1	138.27	Before	Left Exterior Girder	25.56	0.95	1	1	25.144007
Type 3_str	BOBJ1	138.27	Before	Interior Girder 1	25.56	0.95	1	1	11.731659
Type 3_str	BOBJ1	138.27	Before	Interior Girder 2	25.56	0.95	1	1	10.481977
Type 3_str	BOBJ1	138.27	Before	Interior Girder 3	25.56	0.95	1	1	8.865092
Type 3_str	BOBJ1	138.27	Before	Interior Girder 4	25.56	0.95	1	1	8.865092
Type 3_str	BOBJ1	138.27	Before	Interior Girder 5	25.56	0.95	1	1	10.481977
Type 3_str	BOBJ1	138.27	Before	Interior Girder 6	25.56	0.95	1	1	11.731659
Type 3_str	BOBJ1	138.27	Before	Right Exterior Girder	25.56	0.95	1	1	25.144007
Type 3_str	BOBJ1	138.27	After	Left Exterior Girder	25.56	0.95	1	1	31.070682
Type 3_str	BOBJ1	138.27	After	Interior Girder 1	25.56	0.95	1	1	17.433768
Type 3_str	BOBJ1	138.27	After	Interior Girder 2	25.56	0.95	1	1	15.562889
Type 3_str	BOBJ1	138.27	After	Interior Girder 3	25.56	0.95	1	1	13.391365
Type 3_str	BOBJ1	138.27	After	Interior Girder 4	25.56	0.95	1	1	13.391365
Type 3_str	BOBJ1	138.27	After	Interior Girder 5	25.56	0.95	1	1	15.562889
Type 3_str	BOBJ1	138.27	After	Interior Girder 6	25.56	0.95	1	1	17.433768
Type 3_str	BOBJ1	138.27	After	Right Exterior Girder	25.56	0.95	1	1	31.070682
Type 3_str	BOBJ1	144.66	Before	Left Exterior Girder	31.95	0.95	1	1	30.683639
Type 3_str	BOBJ1	144.66	Before	Interior Girder 1	31.95	0.95	1	1	17.130076
Type 3_str	BOBJ1	144.66	Before	Interior Girder 2	31.95	0.95	1	1	15.291878
Type 3_str	BOBJ1	144.66	Before	Interior Girder 3	31.95	0.95	1	1	13.158186
Type 3_str	BOBJ1	144.66	Before	Interior Girder 4	31.95	0.95	1	1	13.158186
Type 3_str	BOBJ1	144.66	Before	Interior Girder 5	31.95	0.95	1	1	15.291878
Type 3_str	BOBJ1	144.66	Before	Interior Girder 6	31.95	0.95	1	1	17.130076
Type 3_str	BOBJ1	144.66	Before	Right Exterior Girder	31.95	0.95	1	1	30.683639
Type 3_str	BOBJ1	144.66	After	Left Exterior Girder	31.95	0.95	1	1	22.918478
Type 3_str	BOBJ1	144.66	After	Interior Girder 1	31.95	0.95	1	1	11.412242
Type 3_str	BOBJ1	144.66	After	Interior Girder 2	31.95	0.95	1	1	10.205624
Type 3_str	BOBJ1	144.66	After	Interior Girder 3	31.95	0.95	1	1	8.65947
Type 3_str	BOBJ1	144.66	After	Interior Girder 4	31.95	0.95	1	1	8.65947
Type 3_str	BOBJ1	144.66	After	Interior Girder 5	31.95	0.95	1	1	10.205624
Type 3_str	BOBJ1	144.66	After	Interior Girder 6	31.95	0.95	1	1	11.412242
Type 3_str	BOBJ1	144.66	After	Right Exterior Girder	31.95	0.95	1	1	22.918478
Type 3_str	BOBJ1	151.05	Before	Left Exterior Girder	38.34	0.95	1	1	22.621831
Type 3_str	BOBJ1	151.05	Before	Interior Girder 1	38.34	0.95	1	1	11.208859
Type 3_str	BOBJ1	151.05	Before	Interior Girder 2	38.34	0.95	1	1	10.023521

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Approach, Span 16-19									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Type 3_str	BOBJ1	151.05	Before	Interior Girder 3	38.34	0.95	1	1	8.504931
Type 3_str	BOBJ1	151.05	Before	Interior Girder 4	38.34	0.95	1	1	8.504931
Type 3_str	BOBJ1	151.05	Before	Interior Girder 5	38.34	0.95	1	1	10.023521
Type 3_str	BOBJ1	151.05	Before	Interior Girder 6	38.34	0.95	1	1	11.208859
Type 3_str	BOBJ1	151.05	Before	Right Exterior Girder	38.34	0.95	1	1	22.621831
Type 3_str	BOBJ1	151.05	After	Left Exterior Girder	38.34	0.95	1	1	13.267036
Type 3_str	BOBJ1	151.05	After	Interior Girder 1	38.34	0.95	1	1	11.603756
Type 3_str	BOBJ1	151.05	After	Interior Girder 2	38.34	0.95	1	1	10.429047
Type 3_str	BOBJ1	151.05	After	Interior Girder 3	38.34	0.95	1	1	9.689768
Type 3_str	BOBJ1	151.05	After	Interior Girder 4	38.34	0.95	1	1	9.689768
Type 3_str	BOBJ1	151.05	After	Interior Girder 5	38.34	0.95	1	1	10.429047
Type 3_str	BOBJ1	151.05	After	Interior Girder 6	38.34	0.95	1	1	11.603756
Type 3_str	BOBJ1	151.05	After	Right Exterior Girder	38.34	0.95	1	1	13.267036
Type 3_str	BOBJ1	157.4367	Before	Left Exterior Girder	44.7267	0.95	1	1	13.088374
Type 3_str	BOBJ1	157.4367	Before	Interior Girder 1	44.7267	0.95	1	1	11.391079
Type 3_str	BOBJ1	157.4367	Before	Interior Girder 2	44.7267	0.95	1	1	10.23951
Type 3_str	BOBJ1	157.4367	Before	Interior Girder 3	44.7267	0.95	1	1	9.511366
Type 3_str	BOBJ1	157.4367	Before	Interior Girder 4	44.7267	0.95	1	1	9.511366
Type 3_str	BOBJ1	157.4367	Before	Interior Girder 5	44.7267	0.95	1	1	10.23951
Type 3_str	BOBJ1	157.4367	Before	Interior Girder 6	44.7267	0.95	1	1	11.391079
Type 3_str	BOBJ1	157.4367	Before	Right Exterior Girder	44.7267	0.95	1	1	13.088374
Type 3_str	BOBJ1	157.4367	After	Left Exterior Girder	44.7267	0.95	1	1	11.110067
Type 3_str	BOBJ1	157.4367	After	Interior Girder 1	44.7267	0.95	1	1	8.544054
Type 3_str	BOBJ1	157.4367	After	Interior Girder 2	44.7267	0.95	1	1	7.740012
Type 3_str	BOBJ1	157.4367	After	Interior Girder 3	44.7267	0.95	1	1	6.546833
Type 3_str	BOBJ1	157.4367	After	Interior Girder 4	44.7267	0.95	1	1	6.546833
Type 3_str	BOBJ1	157.4367	After	Interior Girder 5	44.7267	0.95	1	1	7.740012
Type 3_str	BOBJ1	157.4367	After	Interior Girder 6	44.7267	0.95	1	1	8.544054
Type 3_str	BOBJ1	157.4367	After	Right Exterior Girder	44.7267	0.95	1	1	11.110067
Type 3_str	BOBJ1	158.71	Before	Left Exterior Girder	46	0.95	1	1	11.079154
Type 3_str	BOBJ1	158.71	Before	Interior Girder 1	46	0.95	1	1	8.51229
Type 3_str	BOBJ1	158.71	Before	Interior Girder 2	46	0.95	1	1	7.711391
Type 3_str	BOBJ1	158.71	Before	Interior Girder 3	46	0.95	1	1	6.522201
Type 3_str	BOBJ1	158.71	Before	Interior Girder 4	46	0.95	1	1	6.522201
Type 3_str	BOBJ1	158.71	Before	Interior Girder 5	46	0.95	1	1	7.711391
Type 3_str	BOBJ1	158.71	Before	Interior Girder 6	46	0.95	1	1	8.51229
Type 3_str	BOBJ1	158.71	Before	Right Exterior Girder	46	0.95	1	1	11.079154
Type 3_str	BOBJ1	158.71	After	Left Exterior Girder	46	0.95	1	1	13.809097
Type 3_str	BOBJ1	158.71	After	Interior Girder 1	46	0.95	1	1	9.312974
Type 3_str	BOBJ1	158.71	After	Interior Girder 2	46	0.95	1	1	8.574708
Type 3_str	BOBJ1	158.71	After	Interior Girder 3	46	0.95	1	1	7.398107
Type 3_str	BOBJ1	158.71	After	Interior Girder 4	46	0.95	1	1	7.398107
Type 3_str	BOBJ1	158.71	After	Interior Girder 5	46	0.95	1	1	8.574708
Type 3_str	BOBJ1	158.71	After	Interior Girder 6	46	0.95	1	1	9.312974
Type 3_str	BOBJ1	158.71	After	Right Exterior Girder	46	0.95	1	1	13.809097
Type 3_str	BOBJ1	163.8233	Before	Left Exterior Girder	51.1133	0.95	1	1	13.675471
Type 3_str	BOBJ1	163.8233	Before	Interior Girder 1	51.1133	0.95	1	1	9.18862
Type 3_str	BOBJ1	163.8233	Before	Interior Girder 2	51.1133	0.95	1	1	8.460893
Type 3_str	BOBJ1	163.8233	Before	Interior Girder 3	51.1133	0.95	1	1	7.298555
Type 3_str	BOBJ1	163.8233	Before	Interior Girder 4	51.1133	0.95	1	1	7.298555
Type 3_str	BOBJ1	163.8233	Before	Interior Girder 5	51.1133	0.95	1	1	8.460893
Type 3_str	BOBJ1	163.8233	Before	Interior Girder 6	51.1133	0.95	1	1	9.18862
Type 3_str	BOBJ1	163.8233	Before	Right Exterior Girder	51.1133	0.95	1	1	13.675471
Type 3_str	BOBJ1	163.8233	After	Left Exterior Girder	51.1133	0.95	1	1	10.639687
Type 3_str	BOBJ1	163.8233	After	Interior Girder 1	51.1133	0.95	1	1	8.124017
Type 3_str	BOBJ1	163.8233	After	Interior Girder 2	51.1133	0.95	1	1	6.997002
Type 3_str	BOBJ1	163.8233	After	Interior Girder 3	51.1133	0.95	1	1	5.712002
Type 3_str	BOBJ1	163.8233	After	Interior Girder 4	51.1133	0.95	1	1	5.712002
Type 3_str	BOBJ1	163.8233	After	Interior Girder 5	51.1133	0.95	1	1	6.997002
Type 3_str	BOBJ1	163.8233	After	Interior Girder 6	51.1133	0.95	1	1	8.124017
Type 3_str	BOBJ1	163.8233	After	Right Exterior Girder	51.1133	0.95	1	1	10.639687
Type 3_str	BOBJ1	164.71	Before	Left Exterior Girder	52	0.95	1	1	10.621089
Type 3_str	BOBJ1	164.71	Before	Right Exterior Girder	52	0.95	1	1	10.621089
Type 3_str	BOBJ1	164.71	After	Left Exterior Girder	52	0.95	1	1	12.399776
Type 3_str	BOBJ1	164.71	After	Right Exterior Girder	52	0.95	1	1	12.399776

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Approach, Span 16-19									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Type 3_str	BOBJ1	170.21	Before	Left Exterior Girder	57.5	0.95	1	1	12.254598
Type 3_str	BOBJ1	170.21	Before	Interior Girder 1	57.5	0.95	1	1	7.440924
Type 3_str	BOBJ1	170.21	Before	Interior Girder 2	57.5	0.95	1	1	6.879012
Type 3_str	BOBJ1	170.21	Before	Interior Girder 3	57.5	0.95	1	1	5.613942
Type 3_str	BOBJ1	170.21	Before	Interior Girder 4	57.5	0.95	1	1	5.613942
Type 3_str	BOBJ1	170.21	Before	Interior Girder 5	57.5	0.95	1	1	6.879012
Type 3_str	BOBJ1	170.21	Before	Interior Girder 6	57.5	0.95	1	1	7.440924
Type 3_str	BOBJ1	170.21	Before	Right Exterior Girder	57.5	0.95	1	1	12.254598
Type 3_str	BOBJ1	170.21	After	Left Exterior Girder	0	0.95	1	1	11.052892
Type 3_str	BOBJ1	170.21	After	Interior Girder 1	0	0.95	1	1	6.978044
Type 3_str	BOBJ1	170.21	After	Interior Girder 2	0	0.95	1	1	6.482006
Type 3_str	BOBJ1	170.21	After	Interior Girder 3	0	0.95	1	1	5.340138
Type 3_str	BOBJ1	170.21	After	Interior Girder 4	0	0.95	1	1	5.340138
Type 3_str	BOBJ1	170.21	After	Interior Girder 5	0	0.95	1	1	6.482006
Type 3_str	BOBJ1	170.21	After	Interior Girder 6	0	0.95	1	1	6.978044
Type 3_str	BOBJ1	170.21	After	Right Exterior Girder	0	0.95	1	1	11.052892
Type 3_str	BOBJ1	176.21	Before	Left Exterior Girder	6	0.95	1	1	11.200124
Type 3_str	BOBJ1	176.21	Before	Right Exterior Girder	6	0.95	1	1	11.200124
Type 3_str	BOBJ1	176.21	After	Left Exterior Girder	6	0.95	1	1	7.391012
Type 3_str	BOBJ1	176.21	After	Right Exterior Girder	6	0.95	1	1	7.391012
Type 3_str	BOBJ1	176.6	Before	Left Exterior Girder	6.39	0.95	1	1	7.397156
Type 3_str	BOBJ1	176.6	Before	Interior Girder 1	6.39	0.95	1	1	8.755036
Type 3_str	BOBJ1	176.6	Before	Interior Girder 2	6.39	0.95	1	1	6.596013
Type 3_str	BOBJ1	176.6	Before	Interior Girder 3	6.39	0.95	1	1	5.435734
Type 3_str	BOBJ1	176.6	Before	Interior Girder 4	6.39	0.95	1	1	5.435734
Type 3_str	BOBJ1	176.6	Before	Interior Girder 5	6.39	0.95	1	1	6.596013
Type 3_str	BOBJ1	176.6	Before	Interior Girder 6	6.39	0.95	1	1	8.755036
Type 3_str	BOBJ1	176.6	Before	Right Exterior Girder	6.39	0.95	1	1	7.397156
Type 3_str	BOBJ1	176.6	After	Left Exterior Girder	6.39	0.95	1	1	11.976208
Type 3_str	BOBJ1	176.6	After	Interior Girder 1	6.39	0.95	1	1	8.937302
Type 3_str	BOBJ1	176.6	After	Interior Girder 2	6.39	0.95	1	1	8.18586
Type 3_str	BOBJ1	176.6	After	Interior Girder 3	6.39	0.95	1	1	7.317304
Type 3_str	BOBJ1	176.6	After	Interior Girder 4	6.39	0.95	1	1	7.317304
Type 3_str	BOBJ1	176.6	After	Interior Girder 5	6.39	0.95	1	1	8.18586
Type 3_str	BOBJ1	176.6	After	Interior Girder 6	6.39	0.95	1	1	8.937302
Type 3_str	BOBJ1	176.6	After	Right Exterior Girder	6.39	0.95	1	1	11.976208
Type 3_str	BOBJ1	182.99	Before	Left Exterior Girder	12.78	0.95	1	1	12.126493
Type 3_str	BOBJ1	182.99	Before	Interior Girder 1	12.78	0.95	1	1	9.092345
Type 3_str	BOBJ1	182.99	Before	Interior Girder 2	12.78	0.95	1	1	8.326752
Type 3_str	BOBJ1	182.99	Before	Interior Girder 3	12.78	0.95	1	1	7.444879
Type 3_str	BOBJ1	182.99	Before	Interior Girder 4	12.78	0.95	1	1	7.444879
Type 3_str	BOBJ1	182.99	Before	Interior Girder 5	12.78	0.95	1	1	8.326752
Type 3_str	BOBJ1	182.99	Before	Interior Girder 6	12.78	0.95	1	1	9.092345
Type 3_str	BOBJ1	182.99	Before	Right Exterior Girder	12.78	0.95	1	1	12.126493
Type 3_str	BOBJ1	182.99	After	Left Exterior Girder	12.78	0.95	1	1	13.54145
Type 3_str	BOBJ1	182.99	After	Interior Girder 1	12.78	0.95	1	1	11.70138
Type 3_str	BOBJ1	182.99	After	Interior Girder 2	12.78	0.95	1	1	10.549306
Type 3_str	BOBJ1	182.99	After	Interior Girder 3	12.78	0.95	1	1	9.836992
Type 3_str	BOBJ1	182.99	After	Interior Girder 4	12.78	0.95	1	1	9.836992
Type 3_str	BOBJ1	182.99	After	Interior Girder 5	12.78	0.95	1	1	10.549306
Type 3_str	BOBJ1	182.99	After	Interior Girder 6	12.78	0.95	1	1	11.70138
Type 3_str	BOBJ1	182.99	After	Right Exterior Girder	12.78	0.95	1	1	13.54145
Type 3_str	BOBJ1	189.38	Before	Left Exterior Girder	19.17	0.95	1	1	13.705342
Type 3_str	BOBJ1	189.38	Before	Interior Girder 1	19.17	0.95	1	1	11.900106
Type 3_str	BOBJ1	189.38	Before	Interior Girder 2	19.17	0.95	1	1	10.726839
Type 3_str	BOBJ1	189.38	Before	Interior Girder 3	19.17	0.95	1	1	10.004307
Type 3_str	BOBJ1	189.38	Before	Interior Girder 4	19.17	0.95	1	1	10.004307
Type 3_str	BOBJ1	189.38	Before	Interior Girder 5	19.17	0.95	1	1	10.726839
Type 3_str	BOBJ1	189.38	Before	Interior Girder 6	19.17	0.95	1	1	11.900106
Type 3_str	BOBJ1	189.38	Before	Right Exterior Girder	19.17	0.95	1	1	13.705342
Type 3_str	BOBJ1	189.38	After	Left Exterior Girder	19.17	0.95	1	1	21.581245
Type 3_str	BOBJ1	189.38	After	Interior Girder 1	19.17	0.95	1	1	11.244126
Type 3_str	BOBJ1	189.38	After	Interior Girder 2	19.17	0.95	1	1	10.191142
Type 3_str	BOBJ1	189.38	After	Interior Girder 3	19.17	0.95	1	1	8.723053
Type 3_str	BOBJ1	189.38	After	Interior Girder 4	19.17	0.95	1	1	8.723053

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Approach, Span 16-19									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Type 3_str	BOBJ1	189.38	After	Interior Girder 5	19.17	0.95	1	1	10.191142
Type 3_str	BOBJ1	189.38	After	Interior Girder 6	19.17	0.95	1	1	11.244126
Type 3_str	BOBJ1	189.38	After	Right Exterior Girder	19.17	0.95	1	1	21.581245
Type 3_str	BOBJ1	195.77	Before	Left Exterior Girder	25.56	0.95	1	1	21.83402
Type 3_str	BOBJ1	195.77	Before	Interior Girder 1	25.56	0.95	1	1	11.430127
Type 3_str	BOBJ1	195.77	Before	Interior Girder 2	25.56	0.95	1	1	10.359518
Type 3_str	BOBJ1	195.77	Before	Interior Girder 3	25.56	0.95	1	1	8.867104
Type 3_str	BOBJ1	195.77	Before	Interior Girder 4	25.56	0.95	1	1	8.867104
Type 3_str	BOBJ1	195.77	Before	Interior Girder 5	25.56	0.95	1	1	10.359518
Type 3_str	BOBJ1	195.77	Before	Interior Girder 6	25.56	0.95	1	1	11.430127
Type 3_str	BOBJ1	195.77	Before	Right Exterior Girder	25.56	0.95	1	1	21.83402
Type 3_str	BOBJ1	195.77	After	Left Exterior Girder	25.56	0.95	1	1	27.535751
Type 3_str	BOBJ1	195.77	After	Interior Girder 1	25.56	0.95	1	1	16.014583
Type 3_str	BOBJ1	195.77	After	Interior Girder 2	25.56	0.95	1	1	14.659952
Type 3_str	BOBJ1	195.77	After	Interior Girder 3	25.56	0.95	1	1	12.703952
Type 3_str	BOBJ1	195.77	After	Interior Girder 4	25.56	0.95	1	1	12.703952
Type 3_str	BOBJ1	195.77	After	Interior Girder 5	25.56	0.95	1	1	14.659952
Type 3_str	BOBJ1	195.77	After	Interior Girder 6	25.56	0.95	1	1	16.014583
Type 3_str	BOBJ1	195.77	After	Right Exterior Girder	25.56	0.95	1	1	27.535751
Type 3_str	BOBJ1	202.16	Before	Left Exterior Girder	31.95	0.95	1	1	27.847747
Type 3_str	BOBJ1	202.16	Before	Interior Girder 1	31.95	0.95	1	1	16.274027
Type 3_str	BOBJ1	202.16	Before	Interior Girder 2	31.95	0.95	1	1	14.896769
Type 3_str	BOBJ1	202.16	Before	Interior Girder 3	31.95	0.95	1	1	12.909058
Type 3_str	BOBJ1	202.16	Before	Interior Girder 4	31.95	0.95	1	1	12.909058
Type 3_str	BOBJ1	202.16	Before	Interior Girder 5	31.95	0.95	1	1	14.896769
Type 3_str	BOBJ1	202.16	Before	Interior Girder 6	31.95	0.95	1	1	16.274027
Type 3_str	BOBJ1	202.16	Before	Right Exterior Girder	31.95	0.95	1	1	27.847747
Type 3_str	BOBJ1	202.16	After	Left Exterior Girder	31.95	0.95	1	1	39.243312
Type 3_str	BOBJ1	202.16	After	Interior Girder 1	31.95	0.95	1	1	15.680923
Type 3_str	BOBJ1	202.16	After	Interior Girder 2	31.95	0.95	1	1	13.661411
Type 3_str	BOBJ1	202.16	After	Interior Girder 3	31.95	0.95	1	1	11.533984
Type 3_str	BOBJ1	202.16	After	Interior Girder 4	31.95	0.95	1	1	11.533984
Type 3_str	BOBJ1	202.16	After	Interior Girder 5	31.95	0.95	1	1	13.661411
Type 3_str	BOBJ1	202.16	After	Interior Girder 6	31.95	0.95	1	1	15.680923
Type 3_str	BOBJ1	202.16	After	Right Exterior Girder	31.95	0.95	1	1	39.243312
Type 3_str	BOBJ1	208.55	Before	Left Exterior Girder	38.34	0.95	1	1	38.814933
Type 3_str	BOBJ1	208.55	Before	Interior Girder 1	38.34	0.95	1	1	15.437197
Type 3_str	BOBJ1	208.55	Before	Interior Girder 2	38.34	0.95	1	1	13.448167
Type 3_str	BOBJ1	208.55	Before	Interior Girder 3	38.34	0.95	1	1	11.353915
Type 3_str	BOBJ1	208.55	Before	Interior Girder 4	38.34	0.95	1	1	11.353915
Type 3_str	BOBJ1	208.55	Before	Interior Girder 5	38.34	0.95	1	1	13.448167
Type 3_str	BOBJ1	208.55	Before	Interior Girder 6	38.34	0.95	1	1	15.437197
Type 3_str	BOBJ1	208.55	Before	Right Exterior Girder	38.34	0.95	1	1	38.814933
Type 3_str	BOBJ1	208.55	After	Left Exterior Girder	38.34	0.95	1	1	20.675029
Type 3_str	BOBJ1	208.55	After	Interior Girder 1	38.34	0.95	1	1	17.46357
Type 3_str	BOBJ1	208.55	After	Interior Girder 2	38.34	0.95	1	1	15.72476
Type 3_str	BOBJ1	208.55	After	Interior Girder 3	38.34	0.95	1	1	15.111347
Type 3_str	BOBJ1	208.55	After	Interior Girder 4	38.34	0.95	1	1	15.111347
Type 3_str	BOBJ1	208.55	After	Interior Girder 5	38.34	0.95	1	1	15.72476
Type 3_str	BOBJ1	208.55	After	Interior Girder 6	38.34	0.95	1	1	17.46357
Type 3_str	BOBJ1	208.55	After	Right Exterior Girder	38.34	0.95	1	1	20.675029
Type 3_str	BOBJ1	215.1233	Before	Left Exterior Girder	44.9133	0.95	1	1	20.43706
Type 3_str	BOBJ1	215.1233	Before	Interior Girder 1	44.9133	0.95	1	1	17.175221
Type 3_str	BOBJ1	215.1233	Before	Interior Girder 2	44.9133	0.95	1	1	15.466775
Type 3_str	BOBJ1	215.1233	Before	Interior Girder 3	44.9133	0.95	1	1	14.863027
Type 3_str	BOBJ1	215.1233	Before	Interior Girder 4	44.9133	0.95	1	1	14.863027
Type 3_str	BOBJ1	215.1233	Before	Interior Girder 5	44.9133	0.95	1	1	15.466775
Type 3_str	BOBJ1	215.1233	Before	Interior Girder 6	44.9133	0.95	1	1	17.175221
Type 3_str	BOBJ1	215.1233	Before	Right Exterior Girder	44.9133	0.95	1	1	20.43706
Type 3_str	BOBJ1	215.1233	After	Left Exterior Girder	44.9133	0.95	1	1	16.930561
Type 3_str	BOBJ1	215.1233	After	Interior Girder 1	44.9133	0.95	1	1	12.262395
Type 3_str	BOBJ1	215.1233	After	Interior Girder 2	44.9133	0.95	1	1	11.171999
Type 3_str	BOBJ1	215.1233	After	Interior Girder 3	44.9133	0.95	1	1	10.514083
Type 3_str	BOBJ1	215.1233	After	Interior Girder 4	44.9133	0.95	1	1	10.514083
Type 3_str	BOBJ1	215.1233	After	Interior Girder 5	44.9133	0.95	1	1	11.171999

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Approach, Span 16-19									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Type 3_str	BOBJ1	215.1233	After	Interior Girder 6	44.9133	0.95	1	1	12.262395
Type 3_str	BOBJ1	215.1233	After	Right Exterior Girder	44.9133	0.95	1	1	16.930561
Type 3_str	BOBJ1	221.6967	Before	Left Exterior Girder	51.4867	0.95	1	1	16.729075
Type 3_str	BOBJ1	221.6967	Before	Interior Girder 1	51.4867	0.95	1	1	12.055483
Type 3_str	BOBJ1	221.6967	Before	Interior Girder 2	51.4867	0.95	1	1	10.98449
Type 3_str	BOBJ1	221.6967	Before	Interior Girder 3	51.4867	0.95	1	1	10.337289
Type 3_str	BOBJ1	221.6967	Before	Interior Girder 4	51.4867	0.95	1	1	10.337289
Type 3_str	BOBJ1	221.6967	Before	Interior Girder 5	51.4867	0.95	1	1	10.98449
Type 3_str	BOBJ1	221.6967	Before	Interior Girder 6	51.4867	0.95	1	1	12.055483
Type 3_str	BOBJ1	221.6967	Before	Right Exterior Girder	51.4867	0.95	1	1	16.729075
Type 3_str	BOBJ1	221.6967	After	Left Exterior Girder	51.4867	0.95	1	1	14.517665
Type 3_str	BOBJ1	221.6967	After	Interior Girder 1	51.4867	0.95	1	1	8.754841
Type 3_str	BOBJ1	221.6967	After	Interior Girder 2	51.4867	0.95	1	1	8.148302
Type 3_str	BOBJ1	221.6967	After	Interior Girder 3	51.4867	0.95	1	1	7.06733
Type 3_str	BOBJ1	221.6967	After	Interior Girder 4	51.4867	0.95	1	1	7.06733
Type 3_str	BOBJ1	221.6967	After	Interior Girder 5	51.4867	0.95	1	1	8.148302
Type 3_str	BOBJ1	221.6967	After	Interior Girder 6	51.4867	0.95	1	1	8.754841
Type 3_str	BOBJ1	221.6967	After	Right Exterior Girder	51.4867	0.95	1	1	14.517665
Type 3_str	BOBJ1	228.27	Before	Left Exterior Girder	58.06	0.95	1	1	14.338616
Type 3_str	BOBJ1	228.27	Before	Interior Girder 1	58.06	0.95	1	1	8.603979
Type 3_str	BOBJ1	228.27	Before	Interior Girder 2	58.06	0.95	1	1	8.008413
Type 3_str	BOBJ1	228.27	Before	Interior Girder 3	58.06	0.95	1	1	6.945584
Type 3_str	BOBJ1	228.27	Before	Interior Girder 4	58.06	0.95	1	1	6.945584
Type 3_str	BOBJ1	228.27	Before	Interior Girder 5	58.06	0.95	1	1	8.008413
Type 3_str	BOBJ1	228.27	Before	Interior Girder 6	58.06	0.95	1	1	8.603979
Type 3_str	BOBJ1	228.27	Before	Right Exterior Girder	58.06	0.95	1	1	14.338616
Type 3S2_str	BOBJ1	0	After	Left Exterior Girder	0	0.95	1	1	13.762969
Type 3S2_str	BOBJ1	0	After	Interior Girder 1	0	0.95	1	1	8.535467
Type 3S2_str	BOBJ1	0	After	Interior Girder 2	0	0.95	1	1	7.956943
Type 3S2_str	BOBJ1	0	After	Interior Girder 3	0	0.95	1	1	6.805245
Type 3S2_str	BOBJ1	0	After	Interior Girder 4	0	0.95	1	1	6.805245
Type 3S2_str	BOBJ1	0	After	Interior Girder 5	0	0.95	1	1	7.956943
Type 3S2_str	BOBJ1	0	After	Interior Girder 6	0	0.95	1	1	8.535467
Type 3S2_str	BOBJ1	0	After	Right Exterior Girder	0	0.95	1	1	13.762969
Type 3S2_str	BOBJ1	5.3833	Before	Left Exterior Girder	5.3833	0.95	1	1	13.920269
Type 3S2_str	BOBJ1	5.3833	Before	Interior Girder 1	5.3833	0.95	1	1	8.669364
Type 3S2_str	BOBJ1	5.3833	Before	Interior Girder 2	5.3833	0.95	1	1	8.081356
Type 3S2_str	BOBJ1	5.3833	Before	Interior Girder 3	5.3833	0.95	1	1	6.912167
Type 3S2_str	BOBJ1	5.3833	Before	Interior Girder 4	5.3833	0.95	1	1	6.912167
Type 3S2_str	BOBJ1	5.3833	Before	Interior Girder 5	5.3833	0.95	1	1	8.081356
Type 3S2_str	BOBJ1	5.3833	Before	Interior Girder 6	5.3833	0.95	1	1	8.669364
Type 3S2_str	BOBJ1	5.3833	Before	Right Exterior Girder	5.3833	0.95	1	1	13.920269
Type 3S2_str	BOBJ1	5.3833	After	Left Exterior Girder	5.3833	0.95	1	1	17.251853
Type 3S2_str	BOBJ1	5.3833	After	Interior Girder 1	5.3833	0.95	1	1	12.037587
Type 3S2_str	BOBJ1	5.3833	After	Interior Girder 2	5.3833	0.95	1	1	10.924894
Type 3S2_str	BOBJ1	5.3833	After	Interior Girder 3	5.3833	0.95	1	1	10.060652
Type 3S2_str	BOBJ1	5.3833	After	Interior Girder 4	5.3833	0.95	1	1	10.060652
Type 3S2_str	BOBJ1	5.3833	After	Interior Girder 5	5.3833	0.95	1	1	10.924894
Type 3S2_str	BOBJ1	5.3833	After	Interior Girder 6	5.3833	0.95	1	1	12.037587
Type 3S2_str	BOBJ1	5.3833	After	Right Exterior Girder	5.3833	0.95	1	1	17.251853
Type 3S2_str	BOBJ1	10.7667	Before	Left Exterior Girder	10.7667	0.95	1	1	17.442326
Type 3S2_str	BOBJ1	10.7667	Before	Interior Girder 1	10.7667	0.95	1	1	12.222823
Type 3S2_str	BOBJ1	10.7667	Before	Interior Girder 2	10.7667	0.95	1	1	11.09212
Type 3S2_str	BOBJ1	10.7667	Before	Interior Girder 3	10.7667	0.95	1	1	10.215285
Type 3S2_str	BOBJ1	10.7667	Before	Interior Girder 4	10.7667	0.95	1	1	10.215285
Type 3S2_str	BOBJ1	10.7667	Before	Interior Girder 5	10.7667	0.95	1	1	11.09212
Type 3S2_str	BOBJ1	10.7667	Before	Interior Girder 6	10.7667	0.95	1	1	12.222823
Type 3S2_str	BOBJ1	10.7667	Before	Right Exterior Girder	10.7667	0.95	1	1	17.442326
Type 3S2_str	BOBJ1	10.7667	After	Left Exterior Girder	10.7667	0.95	1	1	20.981501
Type 3S2_str	BOBJ1	10.7667	After	Interior Girder 1	10.7667	0.95	1	1	16.895644
Type 3S2_str	BOBJ1	10.7667	After	Interior Girder 2	10.7667	0.95	1	1	15.103577
Type 3S2_str	BOBJ1	10.7667	After	Interior Girder 3	10.7667	0.95	1	1	14.368744
Type 3S2_str	BOBJ1	10.7667	After	Interior Girder 4	10.7667	0.95	1	1	14.368744
Type 3S2_str	BOBJ1	10.7667	After	Interior Girder 5	10.7667	0.95	1	1	15.103577
Type 3S2_str	BOBJ1	10.7667	After	Interior Girder 6	10.7667	0.95	1	1	16.895644

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Approach, Span 16-19									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Type 3S2_str	BOBJ1	10.7667	After	Right Exterior Girder	10.7667	0.95	1	1	20.981501
Type 3S2_str	BOBJ1	16.15	Before	Left Exterior Girder	16.15	0.95	1	1	21.205701
Type 3S2_str	BOBJ1	16.15	Before	Interior Girder 1	16.15	0.95	1	1	17.150538
Type 3S2_str	BOBJ1	16.15	Before	Interior Girder 2	16.15	0.95	1	1	15.329984
Type 3S2_str	BOBJ1	16.15	Before	Interior Girder 3	16.15	0.95	1	1	14.584946
Type 3S2_str	BOBJ1	16.15	Before	Interior Girder 4	16.15	0.95	1	1	14.584946
Type 3S2_str	BOBJ1	16.15	Before	Interior Girder 5	16.15	0.95	1	1	15.329984
Type 3S2_str	BOBJ1	16.15	Before	Interior Girder 6	16.15	0.95	1	1	17.150538
Type 3S2_str	BOBJ1	16.15	Before	Right Exterior Girder	16.15	0.95	1	1	21.205701
Type 3S2_str	BOBJ1	16.15	After	Left Exterior Girder	16.15	0.95	1	1	34.319923
Type 3S2_str	BOBJ1	16.15	After	Interior Girder 1	16.15	0.95	1	1	16.131598
Type 3S2_str	BOBJ1	16.15	After	Interior Girder 2	16.15	0.95	1	1	13.930791
Type 3S2_str	BOBJ1	16.15	After	Interior Girder 3	16.15	0.95	1	1	11.752562
Type 3S2_str	BOBJ1	16.15	After	Interior Girder 4	16.15	0.95	1	1	11.752562
Type 3S2_str	BOBJ1	16.15	After	Interior Girder 5	16.15	0.95	1	1	13.930791
Type 3S2_str	BOBJ1	16.15	After	Interior Girder 6	16.15	0.95	1	1	16.131598
Type 3S2_str	BOBJ1	16.15	After	Right Exterior Girder	16.15	0.95	1	1	34.319923
Type 3S2_str	BOBJ1	22.1267	Before	Left Exterior Girder	22.1267	0.95	1	1	33.913498
Type 3S2_str	BOBJ1	22.1267	Before	Interior Girder 1	22.1267	0.95	1	1	16.393614
Type 3S2_str	BOBJ1	22.1267	Before	Interior Girder 2	22.1267	0.95	1	1	14.158313
Type 3S2_str	BOBJ1	22.1267	Before	Interior Girder 3	22.1267	0.95	1	1	11.944413
Type 3S2_str	BOBJ1	22.1267	Before	Interior Girder 4	22.1267	0.95	1	1	11.944413
Type 3S2_str	BOBJ1	22.1267	Before	Interior Girder 5	22.1267	0.95	1	1	14.158313
Type 3S2_str	BOBJ1	22.1267	Before	Interior Girder 6	22.1267	0.95	1	1	16.393614
Type 3S2_str	BOBJ1	22.1267	Before	Right Exterior Girder	22.1267	0.95	1	1	33.913498
Type 3S2_str	BOBJ1	22.1267	After	Left Exterior Girder	22.1267	0.95	1	1	23.516189
Type 3S2_str	BOBJ1	22.1267	After	Interior Girder 1	22.1267	0.95	1	1	14.593476
Type 3S2_str	BOBJ1	22.1267	After	Interior Girder 2	22.1267	0.95	1	1	13.367577
Type 3S2_str	BOBJ1	22.1267	After	Interior Girder 3	22.1267	0.95	1	1	11.506361
Type 3S2_str	BOBJ1	22.1267	After	Interior Girder 4	22.1267	0.95	1	1	11.506361
Type 3S2_str	BOBJ1	22.1267	After	Interior Girder 5	22.1267	0.95	1	1	13.367577
Type 3S2_str	BOBJ1	22.1267	After	Interior Girder 6	22.1267	0.95	1	1	14.593476
Type 3S2_str	BOBJ1	22.1267	After	Right Exterior Girder	22.1267	0.95	1	1	23.516189
Type 3S2_str	BOBJ1	28.1033	Before	Left Exterior Girder	28.1033	0.95	1	1	23.227436
Type 3S2_str	BOBJ1	28.1033	Before	Interior Girder 1	28.1033	0.95	1	1	14.345835
Type 3S2_str	BOBJ1	28.1033	Before	Interior Girder 2	28.1033	0.95	1	1	13.141713
Type 3S2_str	BOBJ1	28.1033	Before	Interior Girder 3	28.1033	0.95	1	1	11.311835
Type 3S2_str	BOBJ1	28.1033	Before	Interior Girder 4	28.1033	0.95	1	1	11.311835
Type 3S2_str	BOBJ1	28.1033	Before	Interior Girder 5	28.1033	0.95	1	1	13.141713
Type 3S2_str	BOBJ1	28.1033	Before	Interior Girder 6	28.1033	0.95	1	1	14.345835
Type 3S2_str	BOBJ1	28.1033	Before	Right Exterior Girder	28.1033	0.95	1	1	23.227436
Type 3S2_str	BOBJ1	28.1033	After	Left Exterior Girder	28.1033	0.95	1	1	17.031038
Type 3S2_str	BOBJ1	28.1033	After	Interior Girder 1	28.1033	0.95	1	1	9.812991
Type 3S2_str	BOBJ1	28.1033	After	Interior Girder 2	28.1033	0.95	1	1	8.910863
Type 3S2_str	BOBJ1	28.1033	After	Interior Girder 3	28.1033	0.95	1	1	7.568001
Type 3S2_str	BOBJ1	28.1033	After	Interior Girder 4	28.1033	0.95	1	1	7.568001
Type 3S2_str	BOBJ1	28.1033	After	Interior Girder 5	28.1033	0.95	1	1	8.910863
Type 3S2_str	BOBJ1	28.1033	After	Interior Girder 6	28.1033	0.95	1	1	9.812991
Type 3S2_str	BOBJ1	28.1033	After	Right Exterior Girder	28.1033	0.95	1	1	17.031038
Type 3S2_str	BOBJ1	34.08	Before	Left Exterior Girder	34.08	0.95	1	1	16.813788
Type 3S2_str	BOBJ1	34.08	Before	Interior Girder 1	34.08	0.95	1	1	9.642799
Type 3S2_str	BOBJ1	34.08	Before	Interior Girder 2	34.08	0.95	1	1	8.756748
Type 3S2_str	BOBJ1	34.08	Before	Interior Girder 3	34.08	0.95	1	1	7.43692
Type 3S2_str	BOBJ1	34.08	Before	Interior Girder 4	34.08	0.95	1	1	7.43692
Type 3S2_str	BOBJ1	34.08	Before	Interior Girder 5	34.08	0.95	1	1	8.756748
Type 3S2_str	BOBJ1	34.08	Before	Interior Girder 6	34.08	0.95	1	1	9.642799
Type 3S2_str	BOBJ1	34.08	Before	Right Exterior Girder	34.08	0.95	1	1	16.813788
Type 3S2_str	BOBJ1	34.08	After	Left Exterior Girder	34.08	0.95	1	1	10.987832
Type 3S2_str	BOBJ1	34.08	After	Interior Girder 1	34.08	0.95	1	1	9.150775
Type 3S2_str	BOBJ1	34.08	After	Interior Girder 2	34.08	0.95	1	1	8.327681
Type 3S2_str	BOBJ1	34.08	After	Interior Girder 3	34.08	0.95	1	1	7.128765
Type 3S2_str	BOBJ1	34.08	After	Interior Girder 4	34.08	0.95	1	1	7.128765
Type 3S2_str	BOBJ1	34.08	After	Interior Girder 5	34.08	0.95	1	1	8.327681
Type 3S2_str	BOBJ1	34.08	After	Interior Girder 6	34.08	0.95	1	1	9.150775
Type 3S2_str	BOBJ1	34.08	After	Right Exterior Girder	34.08	0.95	1	1	10.987832

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Approach, Span 16-19									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Type 3S2_str	BOBJ1	39.855	Before	Left Exterior Girder	39.855	0.95	1	1	10.846341
Type 3S2_str	BOBJ1	39.855	Before	Interior Girder 1	39.855	0.95	1	1	8.993899
Type 3S2_str	BOBJ1	39.855	Before	Interior Girder 2	39.855	0.95	1	1	8.186572
Type 3S2_str	BOBJ1	39.855	Before	Interior Girder 3	39.855	0.95	1	1	7.005087
Type 3S2_str	BOBJ1	39.855	Before	Interior Girder 4	39.855	0.95	1	1	7.005087
Type 3S2_str	BOBJ1	39.855	Before	Interior Girder 5	39.855	0.95	1	1	8.186572
Type 3S2_str	BOBJ1	39.855	Before	Interior Girder 6	39.855	0.95	1	1	8.993899
Type 3S2_str	BOBJ1	39.855	Before	Right Exterior Girder	39.855	0.95	1	1	10.846341
Type 3S2_str	BOBJ1	39.855	After	Left Exterior Girder	39.855	0.95	1	1	6.679054
Type 3S2_str	BOBJ1	39.855	After	Interior Girder 1	39.855	0.95	1	1	8.603306
Type 3S2_str	BOBJ1	39.855	After	Interior Girder 2	39.855	0.95	1	1	6.50881
Type 3S2_str	BOBJ1	39.855	After	Interior Girder 3	39.855	0.95	1	1	5.151796
Type 3S2_str	BOBJ1	39.855	After	Interior Girder 4	39.855	0.95	1	1	5.151796
Type 3S2_str	BOBJ1	39.855	After	Interior Girder 5	39.855	0.95	1	1	6.50881
Type 3S2_str	BOBJ1	39.855	After	Interior Girder 6	39.855	0.95	1	1	8.603306
Type 3S2_str	BOBJ1	39.855	After	Right Exterior Girder	39.855	0.95	1	1	6.679054
Type 3S2_str	BOBJ1	40.0288	Before	Left Exterior Girder	40.0288	0.95	1	1	6.676185
Type 3S2_str	BOBJ1	40.0288	Before	Right Exterior Girder	40.0288	0.95	1	1	6.676185
Type 3S2_str	BOBJ1	40.0288	After	Left Exterior Girder	40.0288	0.95	1	1	9.591777
Type 3S2_str	BOBJ1	40.0288	After	Right Exterior Girder	40.0288	0.95	1	1	9.591777
Type 3S2_str	BOBJ1	45.63	Before	Left Exterior Girder	45.63	0.95	1	1	9.45969
Type 3S2_str	BOBJ1	45.63	Before	Interior Girder 1	45.63	0.95	1	1	6.897202
Type 3S2_str	BOBJ1	45.63	Before	Interior Girder 2	45.63	0.95	1	1	6.396146
Type 3S2_str	BOBJ1	45.63	Before	Interior Girder 3	45.63	0.95	1	1	5.060003
Type 3S2_str	BOBJ1	45.63	Before	Interior Girder 4	45.63	0.95	1	1	5.060003
Type 3S2_str	BOBJ1	45.63	Before	Interior Girder 5	45.63	0.95	1	1	6.396146
Type 3S2_str	BOBJ1	45.63	Before	Interior Girder 6	45.63	0.95	1	1	6.897202
Type 3S2_str	BOBJ1	45.63	Before	Right Exterior Girder	45.63	0.95	1	1	9.45969
Type 3S2_str	BOBJ1	45.63	After	Left Exterior Girder	0	0.95	1	1	7.041857
Type 3S2_str	BOBJ1	45.63	After	Interior Girder 1	0	0.95	1	1	6.052989
Type 3S2_str	BOBJ1	45.63	After	Interior Girder 2	0	0.95	1	1	5.686433
Type 3S2_str	BOBJ1	45.63	After	Interior Girder 3	0	0.95	1	1	4.828363
Type 3S2_str	BOBJ1	45.63	After	Interior Girder 4	0	0.95	1	1	4.828363
Type 3S2_str	BOBJ1	45.63	After	Interior Girder 5	0	0.95	1	1	5.686433
Type 3S2_str	BOBJ1	45.63	After	Interior Girder 6	0	0.95	1	1	6.052989
Type 3S2_str	BOBJ1	45.63	After	Right Exterior Girder	0	0.95	1	1	7.041857
Type 3S2_str	BOBJ1	50.6298	Before	Left Exterior Girder	4.9998	0.95	1	1	7.131511
Type 3S2_str	BOBJ1	50.6298	Before	Right Exterior Girder	4.9998	0.95	1	1	7.131511
Type 3S2_str	BOBJ1	50.6298	After	Left Exterior Girder	4.9998	0.95	1	1	5.411418
Type 3S2_str	BOBJ1	50.6298	After	Right Exterior Girder	4.9998	0.95	1	1	5.411418
Type 3S2_str	BOBJ1	51.4	Before	Left Exterior Girder	5.77	0.95	1	1	5.421875
Type 3S2_str	BOBJ1	51.4	Before	Interior Girder 1	5.77	0.95	1	1	7.721762
Type 3S2_str	BOBJ1	51.4	Before	Interior Girder 2	5.77	0.95	1	1	5.788221
Type 3S2_str	BOBJ1	51.4	Before	Interior Girder 3	5.77	0.95	1	1	4.917367
Type 3S2_str	BOBJ1	51.4	Before	Interior Girder 4	5.77	0.95	1	1	4.917367
Type 3S2_str	BOBJ1	51.4	Before	Interior Girder 5	5.77	0.95	1	1	5.788221
Type 3S2_str	BOBJ1	51.4	Before	Interior Girder 6	5.77	0.95	1	1	7.721762
Type 3S2_str	BOBJ1	51.4	Before	Right Exterior Girder	5.77	0.95	1	1	5.421875
Type 3S2_str	BOBJ1	51.4	After	Left Exterior Girder	5.77	0.95	1	1	8.038261
Type 3S2_str	BOBJ1	51.4	After	Interior Girder 1	5.77	0.95	1	1	7.781839
Type 3S2_str	BOBJ1	51.4	After	Interior Girder 2	5.77	0.95	1	1	7.182371
Type 3S2_str	BOBJ1	51.4	After	Interior Girder 3	5.77	0.95	1	1	6.425879
Type 3S2_str	BOBJ1	51.4	After	Interior Girder 4	5.77	0.95	1	1	6.425879
Type 3S2_str	BOBJ1	51.4	After	Interior Girder 5	5.77	0.95	1	1	7.182371
Type 3S2_str	BOBJ1	51.4	After	Interior Girder 6	5.77	0.95	1	1	7.781839
Type 3S2_str	BOBJ1	51.4	After	Right Exterior Girder	5.77	0.95	1	1	8.038261
Type 3S2_str	BOBJ1	57.17	Before	Left Exterior Girder	11.54	0.95	1	1	8.145118
Type 3S2_str	BOBJ1	57.17	Before	Interior Girder 1	11.54	0.95	1	1	7.919737
Type 3S2_str	BOBJ1	57.17	Before	Interior Girder 2	11.54	0.95	1	1	7.308121
Type 3S2_str	BOBJ1	57.17	Before	Interior Girder 3	11.54	0.95	1	1	6.541105
Type 3S2_str	BOBJ1	57.17	Before	Interior Girder 4	11.54	0.95	1	1	6.541105
Type 3S2_str	BOBJ1	57.17	Before	Interior Girder 5	11.54	0.95	1	1	7.308121
Type 3S2_str	BOBJ1	57.17	Before	Interior Girder 6	11.54	0.95	1	1	7.919737
Type 3S2_str	BOBJ1	57.17	Before	Right Exterior Girder	11.54	0.95	1	1	8.145118
Type 3S2_str	BOBJ1	57.17	After	Left Exterior Girder	11.54	0.95	1	1	12.087387

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Approach, Span 16-19									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Type 3S2_str	BOBJ1	57.17	After	Interior Girder 1	11.54	0.95	1	1	8.21488
Type 3S2_str	BOBJ1	57.17	After	Interior Girder 2	11.54	0.95	1	1	7.787974
Type 3S2_str	BOBJ1	57.17	After	Interior Girder 3	11.54	0.95	1	1	6.938666
Type 3S2_str	BOBJ1	57.17	After	Interior Girder 4	11.54	0.95	1	1	6.938666
Type 3S2_str	BOBJ1	57.17	After	Interior Girder 5	11.54	0.95	1	1	7.787974
Type 3S2_str	BOBJ1	57.17	After	Interior Girder 6	11.54	0.95	1	1	8.21488
Type 3S2_str	BOBJ1	57.17	After	Right Exterior Girder	11.54	0.95	1	1	12.087387
Type 3S2_str	BOBJ1	63.34	Before	Left Exterior Girder	17.71	0.95	1	1	12.251579
Type 3S2_str	BOBJ1	63.34	Before	Interior Girder 1	17.71	0.95	1	1	8.367257
Type 3S2_str	BOBJ1	63.34	Before	Interior Girder 2	17.71	0.95	1	1	7.931722
Type 3S2_str	BOBJ1	63.34	Before	Interior Girder 3	17.71	0.95	1	1	7.066797
Type 3S2_str	BOBJ1	63.34	Before	Interior Girder 4	17.71	0.95	1	1	7.066797
Type 3S2_str	BOBJ1	63.34	Before	Interior Girder 5	17.71	0.95	1	1	7.931722
Type 3S2_str	BOBJ1	63.34	Before	Interior Girder 6	17.71	0.95	1	1	8.367257
Type 3S2_str	BOBJ1	63.34	Before	Right Exterior Girder	17.71	0.95	1	1	12.251579
Type 3S2_str	BOBJ1	63.34	After	Left Exterior Girder	17.71	0.95	1	1	14.507914
Type 3S2_str	BOBJ1	63.34	After	Interior Girder 1	17.71	0.95	1	1	11.356919
Type 3S2_str	BOBJ1	63.34	After	Interior Girder 2	17.71	0.95	1	1	10.581711
Type 3S2_str	BOBJ1	63.34	After	Interior Girder 3	17.71	0.95	1	1	9.916725
Type 3S2_str	BOBJ1	63.34	After	Interior Girder 4	17.71	0.95	1	1	9.916725
Type 3S2_str	BOBJ1	63.34	After	Interior Girder 5	17.71	0.95	1	1	10.581711
Type 3S2_str	BOBJ1	63.34	After	Interior Girder 6	17.71	0.95	1	1	11.356919
Type 3S2_str	BOBJ1	63.34	After	Right Exterior Girder	17.71	0.95	1	1	14.507914
Type 3S2_str	BOBJ1	69.51	Before	Left Exterior Girder	23.88	0.95	1	1	14.697165
Type 3S2_str	BOBJ1	69.51	Before	Interior Girder 1	23.88	0.95	1	1	11.562736
Type 3S2_str	BOBJ1	69.51	Before	Interior Girder 2	23.88	0.95	1	1	10.772211
Type 3S2_str	BOBJ1	69.51	Before	Interior Girder 3	23.88	0.95	1	1	10.09518
Type 3S2_str	BOBJ1	69.51	Before	Interior Girder 4	23.88	0.95	1	1	10.09518
Type 3S2_str	BOBJ1	69.51	Before	Interior Girder 5	23.88	0.95	1	1	10.772211
Type 3S2_str	BOBJ1	69.51	Before	Interior Girder 6	23.88	0.95	1	1	11.562736
Type 3S2_str	BOBJ1	69.51	Before	Right Exterior Girder	23.88	0.95	1	1	14.697165
Type 3S2_str	BOBJ1	69.51	After	Left Exterior Girder	23.88	0.95	1	1	17.633459
Type 3S2_str	BOBJ1	69.51	After	Interior Girder 1	23.88	0.95	1	1	15.880948
Type 3S2_str	BOBJ1	69.51	After	Interior Girder 2	23.88	0.95	1	1	14.34512
Type 3S2_str	BOBJ1	69.51	After	Interior Girder 3	23.88	0.95	1	1	12.678364
Type 3S2_str	BOBJ1	69.51	After	Interior Girder 4	23.88	0.95	1	1	12.678364
Type 3S2_str	BOBJ1	69.51	After	Interior Girder 5	23.88	0.95	1	1	14.34512
Type 3S2_str	BOBJ1	69.51	After	Interior Girder 6	23.88	0.95	1	1	15.880948
Type 3S2_str	BOBJ1	69.51	After	Right Exterior Girder	23.88	0.95	1	1	17.633459
Type 3S2_str	BOBJ1	75.68	Before	Left Exterior Girder	30.05	0.95	1	1	17.854855
Type 3S2_str	BOBJ1	75.68	Before	Interior Girder 1	30.05	0.95	1	1	16.162083
Type 3S2_str	BOBJ1	75.68	Before	Interior Girder 2	30.05	0.95	1	1	14.597035
Type 3S2_str	BOBJ1	75.68	Before	Interior Girder 3	30.05	0.95	1	1	12.470614
Type 3S2_str	BOBJ1	75.68	Before	Interior Girder 4	30.05	0.95	1	1	12.470614
Type 3S2_str	BOBJ1	75.68	Before	Interior Girder 5	30.05	0.95	1	1	14.597035
Type 3S2_str	BOBJ1	75.68	Before	Interior Girder 6	30.05	0.95	1	1	16.162083
Type 3S2_str	BOBJ1	75.68	Before	Right Exterior Girder	30.05	0.95	1	1	17.854855
Type 3S2_str	BOBJ1	75.68	After	Left Exterior Girder	30.05	0.95	1	1	29.464126
Type 3S2_str	BOBJ1	75.68	After	Interior Girder 1	30.05	0.95	1	1	14.456831
Type 3S2_str	BOBJ1	75.68	After	Interior Girder 2	30.05	0.95	1	1	12.474262
Type 3S2_str	BOBJ1	75.68	After	Interior Girder 3	30.05	0.95	1	1	10.483526
Type 3S2_str	BOBJ1	75.68	After	Interior Girder 4	30.05	0.95	1	1	10.483526
Type 3S2_str	BOBJ1	75.68	After	Interior Girder 5	30.05	0.95	1	1	12.474262
Type 3S2_str	BOBJ1	75.68	After	Interior Girder 6	30.05	0.95	1	1	14.456831
Type 3S2_str	BOBJ1	75.68	After	Right Exterior Girder	30.05	0.95	1	1	29.464126
Type 3S2_str	BOBJ1	81.8467	Before	Left Exterior Girder	36.2167	0.95	1	1	29.113166
Type 3S2_str	BOBJ1	81.8467	Before	Interior Girder 1	36.2167	0.95	1	1	14.703234
Type 3S2_str	BOBJ1	81.8467	Before	Interior Girder 2	36.2167	0.95	1	1	12.687791
Type 3S2_str	BOBJ1	81.8467	Before	Interior Girder 3	36.2167	0.95	1	1	10.663029
Type 3S2_str	BOBJ1	81.8467	Before	Interior Girder 4	36.2167	0.95	1	1	10.663029
Type 3S2_str	BOBJ1	81.8467	Before	Interior Girder 5	36.2167	0.95	1	1	12.687791
Type 3S2_str	BOBJ1	81.8467	Before	Interior Girder 6	36.2167	0.95	1	1	14.703234
Type 3S2_str	BOBJ1	81.8467	Before	Right Exterior Girder	36.2167	0.95	1	1	29.113166
Type 3S2_str	BOBJ1	81.8467	After	Left Exterior Girder	36.2167	0.95	1	1	23.662216
Type 3S2_str	BOBJ1	81.8467	After	Interior Girder 1	36.2167	0.95	1	1	15.111973

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Approach, Span 16-19									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Type 3S2_str	BOBJ1	81.8467	After	Interior Girder 2	36.2167	0.95	1	1	13.913673
Type 3S2_str	BOBJ1	81.8467	After	Interior Girder 3	36.2167	0.95	1	1	12.353055
Type 3S2_str	BOBJ1	81.8467	After	Interior Girder 4	36.2167	0.95	1	1	12.353055
Type 3S2_str	BOBJ1	81.8467	After	Interior Girder 5	36.2167	0.95	1	1	13.913673
Type 3S2_str	BOBJ1	81.8467	After	Interior Girder 6	36.2167	0.95	1	1	15.111973
Type 3S2_str	BOBJ1	81.8467	After	Right Exterior Girder	36.2167	0.95	1	1	23.662216
Type 3S2_str	BOBJ1	88.0133	Before	Left Exterior Girder	42.3833	0.95	1	1	23.370006
Type 3S2_str	BOBJ1	88.0133	Before	Interior Girder 1	42.3833	0.95	1	1	14.851692
Type 3S2_str	BOBJ1	88.0133	Before	Interior Girder 2	42.3833	0.95	1	1	13.674694
Type 3S2_str	BOBJ1	88.0133	Before	Interior Girder 3	42.3833	0.95	1	1	12.141043
Type 3S2_str	BOBJ1	88.0133	Before	Interior Girder 4	42.3833	0.95	1	1	12.141043
Type 3S2_str	BOBJ1	88.0133	Before	Interior Girder 5	42.3833	0.95	1	1	13.674694
Type 3S2_str	BOBJ1	88.0133	Before	Interior Girder 6	42.3833	0.95	1	1	14.851692
Type 3S2_str	BOBJ1	88.0133	Before	Right Exterior Girder	42.3833	0.95	1	1	23.370006
Type 3S2_str	BOBJ1	88.0133	After	Left Exterior Girder	42.3833	0.95	1	1	18.210649
Type 3S2_str	BOBJ1	88.0133	After	Interior Girder 1	42.3833	0.95	1	1	10.679201
Type 3S2_str	BOBJ1	88.0133	After	Interior Girder 2	42.3833	0.95	1	1	9.899841
Type 3S2_str	BOBJ1	88.0133	After	Interior Girder 3	42.3833	0.95	1	1	8.53298
Type 3S2_str	BOBJ1	88.0133	After	Interior Girder 4	42.3833	0.95	1	1	8.53298
Type 3S2_str	BOBJ1	88.0133	After	Interior Girder 5	42.3833	0.95	1	1	9.899841
Type 3S2_str	BOBJ1	88.0133	After	Interior Girder 6	42.3833	0.95	1	1	10.679201
Type 3S2_str	BOBJ1	88.0133	After	Right Exterior Girder	42.3833	0.95	1	1	18.210649
Type 3S2_str	BOBJ1	94.18	Before	Left Exterior Girder	48.55	0.95	1	1	17.977098
Type 3S2_str	BOBJ1	94.18	Before	Interior Girder 1	48.55	0.95	1	1	10.491071
Type 3S2_str	BOBJ1	94.18	Before	Interior Girder 2	48.55	0.95	1	1	9.725638
Type 3S2_str	BOBJ1	94.18	Before	Interior Girder 3	48.55	0.95	1	1	8.382941
Type 3S2_str	BOBJ1	94.18	Before	Interior Girder 4	48.55	0.95	1	1	8.382941
Type 3S2_str	BOBJ1	94.18	Before	Interior Girder 5	48.55	0.95	1	1	9.725638
Type 3S2_str	BOBJ1	94.18	Before	Interior Girder 6	48.55	0.95	1	1	10.491071
Type 3S2_str	BOBJ1	94.18	Before	Right Exterior Girder	48.55	0.95	1	1	17.977098
Type 3S2_str	BOBJ1	94.18	After	Left Exterior Girder	48.55	0.95	1	1	10.443875
Type 3S2_str	BOBJ1	94.18	After	Interior Girder 1	48.55	0.95	1	1	10.474065
Type 3S2_str	BOBJ1	94.18	After	Interior Girder 2	48.55	0.95	1	1	9.57126
Type 3S2_str	BOBJ1	94.18	After	Interior Girder 3	48.55	0.95	1	1	8.913809
Type 3S2_str	BOBJ1	94.18	After	Interior Girder 4	48.55	0.95	1	1	8.913809
Type 3S2_str	BOBJ1	94.18	After	Interior Girder 5	48.55	0.95	1	1	9.57126
Type 3S2_str	BOBJ1	94.18	After	Interior Girder 6	48.55	0.95	1	1	10.474065
Type 3S2_str	BOBJ1	94.18	After	Right Exterior Girder	48.55	0.95	1	1	10.443875
Type 3S2_str	BOBJ1	100.3567	Before	Left Exterior Girder	54.7267	0.95	1	1	10.3047
Type 3S2_str	BOBJ1	100.3567	Before	Interior Girder 1	54.7267	0.95	1	1	10.283716
Type 3S2_str	BOBJ1	100.3567	Before	Interior Girder 2	54.7267	0.95	1	1	9.399131
Type 3S2_str	BOBJ1	100.3567	Before	Interior Girder 3	54.7267	0.95	1	1	8.751777
Type 3S2_str	BOBJ1	100.3567	Before	Interior Girder 4	54.7267	0.95	1	1	8.751777
Type 3S2_str	BOBJ1	100.3567	Before	Interior Girder 5	54.7267	0.95	1	1	9.399131
Type 3S2_str	BOBJ1	100.3567	Before	Interior Girder 6	54.7267	0.95	1	1	10.283716
Type 3S2_str	BOBJ1	100.3567	Before	Right Exterior Girder	54.7267	0.95	1	1	10.3047
Type 3S2_str	BOBJ1	100.3567	After	Left Exterior Girder	54.7267	0.95	1	1	8.953526
Type 3S2_str	BOBJ1	100.3567	After	Interior Girder 1	54.7267	0.95	1	1	7.779468
Type 3S2_str	BOBJ1	100.3567	After	Interior Girder 2	54.7267	0.95	1	1	7.298373
Type 3S2_str	BOBJ1	100.3567	After	Interior Girder 3	54.7267	0.95	1	1	6.567717
Type 3S2_str	BOBJ1	100.3567	After	Interior Girder 4	54.7267	0.95	1	1	6.567717
Type 3S2_str	BOBJ1	100.3567	After	Interior Girder 5	54.7267	0.95	1	1	7.298373
Type 3S2_str	BOBJ1	100.3567	After	Interior Girder 6	54.7267	0.95	1	1	7.779468
Type 3S2_str	BOBJ1	100.3567	After	Right Exterior Girder	54.7267	0.95	1	1	8.953526
Type 3S2_str	BOBJ1	106.5333	Before	Left Exterior Girder	60.9033	0.95	1	1	8.829147
Type 3S2_str	BOBJ1	106.5333	Before	Interior Girder 1	60.9033	0.95	1	1	7.634787
Type 3S2_str	BOBJ1	106.5333	Before	Interior Girder 2	60.9033	0.95	1	1	7.163875
Type 3S2_str	BOBJ1	106.5333	Before	Interior Girder 3	60.9033	0.95	1	1	6.445105
Type 3S2_str	BOBJ1	106.5333	Before	Interior Girder 4	60.9033	0.95	1	1	6.445105
Type 3S2_str	BOBJ1	106.5333	Before	Interior Girder 5	60.9033	0.95	1	1	7.163875
Type 3S2_str	BOBJ1	106.5333	Before	Interior Girder 6	60.9033	0.95	1	1	7.634787
Type 3S2_str	BOBJ1	106.5333	Before	Right Exterior Girder	60.9033	0.95	1	1	8.829147
Type 3S2_str	BOBJ1	106.5333	After	Left Exterior Girder	60.9033	0.95	1	1	7.090268
Type 3S2_str	BOBJ1	106.5333	After	Interior Girder 1	60.9033	0.95	1	1	6.430314
Type 3S2_str	BOBJ1	106.5333	After	Interior Girder 2	60.9033	0.95	1	1	5.607753

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Approach, Span 16-19									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Type 3S2_str	BOBJ1	106.5333	After	Interior Girder 3	60.9033	0.95	1	1	4.783927
Type 3S2_str	BOBJ1	106.5333	After	Interior Girder 4	60.9033	0.95	1	1	4.783927
Type 3S2_str	BOBJ1	106.5333	After	Interior Girder 5	60.9033	0.95	1	1	5.607753
Type 3S2_str	BOBJ1	106.5333	After	Interior Girder 6	60.9033	0.95	1	1	6.430314
Type 3S2_str	BOBJ1	106.5333	After	Right Exterior Girder	60.9033	0.95	1	1	7.090268
Type 3S2_str	BOBJ1	108.2102	Before	Left Exterior Girder	62.5802	0.95	1	1	7.061875
Type 3S2_str	BOBJ1	108.2102	Before	Right Exterior Girder	62.5802	0.95	1	1	7.061875
Type 3S2_str	BOBJ1	108.2102	After	Left Exterior Girder	62.5802	0.95	1	1	7.694221
Type 3S2_str	BOBJ1	108.2102	After	Right Exterior Girder	62.5802	0.95	1	1	7.694221
Type 3S2_str	BOBJ1	112.71	Before	Left Exterior Girder	67.08	0.95	1	1	7.607481
Type 3S2_str	BOBJ1	112.71	Before	Interior Girder 1	67.08	0.95	1	1	5.818568
Type 3S2_str	BOBJ1	112.71	Before	Interior Girder 2	67.08	0.95	1	1	5.501943
Type 3S2_str	BOBJ1	112.71	Before	Interior Girder 3	67.08	0.95	1	1	4.692028
Type 3S2_str	BOBJ1	112.71	Before	Interior Girder 4	67.08	0.95	1	1	4.692028
Type 3S2_str	BOBJ1	112.71	Before	Interior Girder 5	67.08	0.95	1	1	5.501943
Type 3S2_str	BOBJ1	112.71	Before	Interior Girder 6	67.08	0.95	1	1	5.818568
Type 3S2_str	BOBJ1	112.71	Before	Right Exterior Girder	67.08	0.95	1	1	7.607481
Type 3S2_str	BOBJ1	112.71	After	Left Exterior Girder	0	0.95	1	1	9.226018
Type 3S2_str	BOBJ1	112.71	After	Interior Girder 1	0	0.95	1	1	6.537237
Type 3S2_str	BOBJ1	112.71	After	Interior Girder 2	0	0.95	1	1	6.076222
Type 3S2_str	BOBJ1	112.71	After	Interior Girder 3	0	0.95	1	1	4.992489
Type 3S2_str	BOBJ1	112.71	After	Interior Girder 4	0	0.95	1	1	4.992489
Type 3S2_str	BOBJ1	112.71	After	Interior Girder 5	0	0.95	1	1	6.076222
Type 3S2_str	BOBJ1	112.71	After	Interior Girder 6	0	0.95	1	1	6.537237
Type 3S2_str	BOBJ1	112.71	After	Right Exterior Girder	0	0.95	1	1	9.226018
Type 3S2_str	BOBJ1	117.21	Before	Left Exterior Girder	4.5	0.95	1	1	9.328184
Type 3S2_str	BOBJ1	117.21	Before	Right Exterior Girder	4.5	0.95	1	1	9.328184
Type 3S2_str	BOBJ1	117.21	After	Left Exterior Girder	4.5	0.95	1	1	9.067528
Type 3S2_str	BOBJ1	117.21	After	Right Exterior Girder	4.5	0.95	1	1	9.067528
Type 3S2_str	BOBJ1	119.1	Before	Left Exterior Girder	6.39	0.95	1	1	9.107091
Type 3S2_str	BOBJ1	119.1	Before	Interior Girder 1	6.39	0.95	1	1	6.93566
Type 3S2_str	BOBJ1	119.1	Before	Interior Girder 2	6.39	0.95	1	1	6.194388
Type 3S2_str	BOBJ1	119.1	Before	Interior Girder 3	6.39	0.95	1	1	5.091444
Type 3S2_str	BOBJ1	119.1	Before	Interior Girder 4	6.39	0.95	1	1	5.091444
Type 3S2_str	BOBJ1	119.1	Before	Interior Girder 5	6.39	0.95	1	1	6.194388
Type 3S2_str	BOBJ1	119.1	Before	Interior Girder 6	6.39	0.95	1	1	6.93566
Type 3S2_str	BOBJ1	119.1	Before	Right Exterior Girder	6.39	0.95	1	1	9.107091
Type 3S2_str	BOBJ1	119.1	After	Left Exterior Girder	6.39	0.95	1	1	11.627387
Type 3S2_str	BOBJ1	119.1	After	Interior Girder 1	6.39	0.95	1	1	8.851488
Type 3S2_str	BOBJ1	119.1	After	Interior Girder 2	6.39	0.95	1	1	8.088096
Type 3S2_str	BOBJ1	119.1	After	Interior Girder 3	6.39	0.95	1	1	7.003419
Type 3S2_str	BOBJ1	119.1	After	Interior Girder 4	6.39	0.95	1	1	7.003419
Type 3S2_str	BOBJ1	119.1	After	Interior Girder 5	6.39	0.95	1	1	8.088096
Type 3S2_str	BOBJ1	119.1	After	Interior Girder 6	6.39	0.95	1	1	8.851488
Type 3S2_str	BOBJ1	119.1	After	Right Exterior Girder	6.39	0.95	1	1	11.627387
Type 3S2_str	BOBJ1	125.49	Before	Left Exterior Girder	12.78	0.95	1	1	11.791856
Type 3S2_str	BOBJ1	125.49	Before	Interior Girder 1	12.78	0.95	1	1	9.020675
Type 3S2_str	BOBJ1	125.49	Before	Interior Girder 2	12.78	0.95	1	1	8.241608
Type 3S2_str	BOBJ1	125.49	Before	Interior Girder 3	12.78	0.95	1	1	7.138215
Type 3S2_str	BOBJ1	125.49	Before	Interior Girder 4	12.78	0.95	1	1	7.138215
Type 3S2_str	BOBJ1	125.49	Before	Interior Girder 5	12.78	0.95	1	1	8.241608
Type 3S2_str	BOBJ1	125.49	Before	Interior Girder 6	12.78	0.95	1	1	9.020675
Type 3S2_str	BOBJ1	125.49	Before	Right Exterior Girder	12.78	0.95	1	1	11.791856
Type 3S2_str	BOBJ1	125.49	After	Left Exterior Girder	12.78	0.95	1	1	13.952505
Type 3S2_str	BOBJ1	125.49	After	Interior Girder 1	12.78	0.95	1	1	12.490201
Type 3S2_str	BOBJ1	125.49	After	Interior Girder 2	12.78	0.95	1	1	11.118058
Type 3S2_str	BOBJ1	125.49	After	Interior Girder 3	12.78	0.95	1	1	10.086447
Type 3S2_str	BOBJ1	125.49	After	Interior Girder 4	12.78	0.95	1	1	10.086447
Type 3S2_str	BOBJ1	125.49	After	Interior Girder 5	12.78	0.95	1	1	11.118058
Type 3S2_str	BOBJ1	125.49	After	Interior Girder 6	12.78	0.95	1	1	12.490201
Type 3S2_str	BOBJ1	125.49	After	Right Exterior Girder	12.78	0.95	1	1	13.952505
Type 3S2_str	BOBJ1	131.88	Before	Left Exterior Girder	19.17	0.95	1	1	14.141661
Type 3S2_str	BOBJ1	131.88	Before	Interior Girder 1	19.17	0.95	1	1	12.723329
Type 3S2_str	BOBJ1	131.88	Before	Interior Girder 2	19.17	0.95	1	1	11.323852
Type 3S2_str	BOBJ1	131.88	Before	Interior Girder 3	19.17	0.95	1	1	10.275344

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Approach, Span 16-19									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Type 3S2_str	BOBJ1	131.88	Before	Interior Girder 4	19.17	0.95	1	1	10.275344
Type 3S2_str	BOBJ1	131.88	Before	Interior Girder 5	19.17	0.95	1	1	11.323852
Type 3S2_str	BOBJ1	131.88	Before	Interior Girder 6	19.17	0.95	1	1	12.723329
Type 3S2_str	BOBJ1	131.88	Before	Right Exterior Girder	19.17	0.95	1	1	14.141661
Type 3S2_str	BOBJ1	131.88	After	Left Exterior Girder	19.17	0.95	1	1	27.579857
Type 3S2_str	BOBJ1	131.88	After	Interior Girder 1	19.17	0.95	1	1	12.599487
Type 3S2_str	BOBJ1	131.88	After	Interior Girder 2	19.17	0.95	1	1	11.232831
Type 3S2_str	BOBJ1	131.88	After	Interior Girder 3	19.17	0.95	1	1	9.466408
Type 3S2_str	BOBJ1	131.88	After	Interior Girder 4	19.17	0.95	1	1	9.466408
Type 3S2_str	BOBJ1	131.88	After	Interior Girder 5	19.17	0.95	1	1	11.232831
Type 3S2_str	BOBJ1	131.88	After	Interior Girder 6	19.17	0.95	1	1	12.599487
Type 3S2_str	BOBJ1	131.88	After	Right Exterior Girder	19.17	0.95	1	1	27.579857
Type 3S2_str	BOBJ1	138.27	Before	Left Exterior Girder	25.56	0.95	1	1	27.939324
Type 3S2_str	BOBJ1	138.27	Before	Interior Girder 1	25.56	0.95	1	1	12.827663
Type 3S2_str	BOBJ1	138.27	Before	Interior Girder 2	25.56	0.95	1	1	11.436645
Type 3S2_str	BOBJ1	138.27	Before	Interior Girder 3	25.56	0.95	1	1	9.638216
Type 3S2_str	BOBJ1	138.27	Before	Interior Girder 4	25.56	0.95	1	1	9.638216
Type 3S2_str	BOBJ1	138.27	Before	Interior Girder 5	25.56	0.95	1	1	11.436645
Type 3S2_str	BOBJ1	138.27	Before	Interior Girder 6	25.56	0.95	1	1	12.827663
Type 3S2_str	BOBJ1	138.27	Before	Right Exterior Girder	25.56	0.95	1	1	27.939324
Type 3S2_str	BOBJ1	138.27	After	Left Exterior Girder	25.56	0.95	1	1	33.55911
Type 3S2_str	BOBJ1	138.27	After	Interior Girder 1	25.56	0.95	1	1	18.749539
Type 3S2_str	BOBJ1	138.27	After	Interior Girder 2	25.56	0.95	1	1	16.732026
Type 3S2_str	BOBJ1	138.27	After	Interior Girder 3	25.56	0.95	1	1	14.394907
Type 3S2_str	BOBJ1	138.27	After	Interior Girder 4	25.56	0.95	1	1	14.394907
Type 3S2_str	BOBJ1	138.27	After	Interior Girder 5	25.56	0.95	1	1	16.732026
Type 3S2_str	BOBJ1	138.27	After	Interior Girder 6	25.56	0.95	1	1	18.749539
Type 3S2_str	BOBJ1	138.27	After	Right Exterior Girder	25.56	0.95	1	1	33.55911
Type 3S2_str	BOBJ1	144.66	Before	Left Exterior Girder	31.95	0.95	1	1	33.141068
Type 3S2_str	BOBJ1	144.66	Before	Interior Girder 1	31.95	0.95	1	1	18.422926
Type 3S2_str	BOBJ1	144.66	Before	Interior Girder 2	31.95	0.95	1	1	16.440656
Type 3S2_str	BOBJ1	144.66	Before	Interior Girder 3	31.95	0.95	1	1	14.144253
Type 3S2_str	BOBJ1	144.66	Before	Interior Girder 4	31.95	0.95	1	1	14.144253
Type 3S2_str	BOBJ1	144.66	Before	Interior Girder 5	31.95	0.95	1	1	16.440656
Type 3S2_str	BOBJ1	144.66	Before	Interior Girder 6	31.95	0.95	1	1	18.422926
Type 3S2_str	BOBJ1	144.66	Before	Right Exterior Girder	31.95	0.95	1	1	33.141068
Type 3S2_str	BOBJ1	144.66	After	Left Exterior Girder	31.95	0.95	1	1	25.52765
Type 3S2_str	BOBJ1	144.66	After	Interior Girder 1	31.95	0.95	1	1	12.490311
Type 3S2_str	BOBJ1	144.66	After	Interior Girder 2	31.95	0.95	1	1	11.14206
Type 3S2_str	BOBJ1	144.66	After	Interior Girder 3	31.95	0.95	1	1	9.416569
Type 3S2_str	BOBJ1	144.66	After	Interior Girder 4	31.95	0.95	1	1	9.416569
Type 3S2_str	BOBJ1	144.66	After	Interior Girder 5	31.95	0.95	1	1	11.14206
Type 3S2_str	BOBJ1	144.66	After	Interior Girder 6	31.95	0.95	1	1	12.490311
Type 3S2_str	BOBJ1	144.66	After	Right Exterior Girder	31.95	0.95	1	1	25.52765
Type 3S2_str	BOBJ1	151.05	Before	Left Exterior Girder	38.34	0.95	1	1	25.197231
Type 3S2_str	BOBJ1	151.05	Before	Interior Girder 1	38.34	0.95	1	1	12.267715
Type 3S2_str	BOBJ1	151.05	Before	Interior Girder 2	38.34	0.95	1	1	10.943247
Type 3S2_str	BOBJ1	151.05	Before	Interior Girder 3	38.34	0.95	1	1	9.248519
Type 3S2_str	BOBJ1	151.05	Before	Interior Girder 4	38.34	0.95	1	1	9.248519
Type 3S2_str	BOBJ1	151.05	Before	Interior Girder 5	38.34	0.95	1	1	10.943247
Type 3S2_str	BOBJ1	151.05	Before	Interior Girder 6	38.34	0.95	1	1	12.267715
Type 3S2_str	BOBJ1	151.05	Before	Right Exterior Girder	38.34	0.95	1	1	25.197231
Type 3S2_str	BOBJ1	151.05	After	Left Exterior Girder	38.34	0.95	1	1	13.323182
Type 3S2_str	BOBJ1	151.05	After	Interior Girder 1	38.34	0.95	1	1	12.269369
Type 3S2_str	BOBJ1	151.05	After	Interior Girder 2	38.34	0.95	1	1	10.933314
Type 3S2_str	BOBJ1	151.05	After	Interior Girder 3	38.34	0.95	1	1	9.85739
Type 3S2_str	BOBJ1	151.05	After	Interior Girder 4	38.34	0.95	1	1	9.85739
Type 3S2_str	BOBJ1	151.05	After	Interior Girder 5	38.34	0.95	1	1	10.933314
Type 3S2_str	BOBJ1	151.05	After	Interior Girder 6	38.34	0.95	1	1	12.269369
Type 3S2_str	BOBJ1	151.05	After	Right Exterior Girder	38.34	0.95	1	1	13.323182
Type 3S2_str	BOBJ1	157.4367	Before	Left Exterior Girder	44.7267	0.95	1	1	13.143765
Type 3S2_str	BOBJ1	157.4367	Before	Interior Girder 1	44.7267	0.95	1	1	12.044492
Type 3S2_str	BOBJ1	157.4367	Before	Interior Girder 2	44.7267	0.95	1	1	10.734612
Type 3S2_str	BOBJ1	157.4367	Before	Interior Girder 3	44.7267	0.95	1	1	9.675902
Type 3S2_str	BOBJ1	157.4367	Before	Interior Girder 4	44.7267	0.95	1	1	9.675902

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Approach, Span 16-19									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Type 3S2_str	BOBJ1	157.4367	Before	Interior Girder 5	44.7267	0.95	1	1	10.734612
Type 3S2_str	BOBJ1	157.4367	Before	Interior Girder 6	44.7267	0.95	1	1	12.044492
Type 3S2_str	BOBJ1	157.4367	Before	Right Exterior Girder	44.7267	0.95	1	1	13.143765
Type 3S2_str	BOBJ1	157.4367	After	Left Exterior Girder	44.7267	0.95	1	1	10.924846
Type 3S2_str	BOBJ1	157.4367	After	Interior Girder 1	44.7267	0.95	1	1	8.847711
Type 3S2_str	BOBJ1	157.4367	After	Interior Girder 2	44.7267	0.95	1	1	7.975713
Type 3S2_str	BOBJ1	157.4367	After	Interior Girder 3	44.7267	0.95	1	1	6.618514
Type 3S2_str	BOBJ1	157.4367	After	Interior Girder 4	44.7267	0.95	1	1	6.618514
Type 3S2_str	BOBJ1	157.4367	After	Interior Girder 5	44.7267	0.95	1	1	7.975713
Type 3S2_str	BOBJ1	157.4367	After	Interior Girder 6	44.7267	0.95	1	1	8.847711
Type 3S2_str	BOBJ1	157.4367	After	Right Exterior Girder	44.7267	0.95	1	1	10.924846
Type 3S2_str	BOBJ1	158.71	Before	Left Exterior Girder	46	0.95	1	1	10.894448
Type 3S2_str	BOBJ1	158.71	Before	Interior Girder 1	46	0.95	1	1	8.814818
Type 3S2_str	BOBJ1	158.71	Before	Interior Girder 2	46	0.95	1	1	7.946221
Type 3S2_str	BOBJ1	158.71	Before	Interior Girder 3	46	0.95	1	1	6.593612
Type 3S2_str	BOBJ1	158.71	Before	Interior Girder 4	46	0.95	1	1	6.593612
Type 3S2_str	BOBJ1	158.71	Before	Interior Girder 5	46	0.95	1	1	7.946221
Type 3S2_str	BOBJ1	158.71	Before	Interior Girder 6	46	0.95	1	1	8.814818
Type 3S2_str	BOBJ1	158.71	Before	Right Exterior Girder	46	0.95	1	1	10.894448
Type 3S2_str	BOBJ1	158.71	After	Left Exterior Girder	46	0.95	1	1	13.550223
Type 3S2_str	BOBJ1	158.71	After	Interior Girder 1	46	0.95	1	1	9.643446
Type 3S2_str	BOBJ1	158.71	After	Interior Girder 2	46	0.95	1	1	8.873984
Type 3S2_str	BOBJ1	158.71	After	Interior Girder 3	46	0.95	1	1	7.517855
Type 3S2_str	BOBJ1	158.71	After	Interior Girder 4	46	0.95	1	1	7.517855
Type 3S2_str	BOBJ1	158.71	After	Interior Girder 5	46	0.95	1	1	8.873984
Type 3S2_str	BOBJ1	158.71	After	Interior Girder 6	46	0.95	1	1	9.643446
Type 3S2_str	BOBJ1	158.71	After	Right Exterior Girder	46	0.95	1	1	13.550223
Type 3S2_str	BOBJ1	163.8233	Before	Left Exterior Girder	51.1133	0.95	1	1	13.419102
Type 3S2_str	BOBJ1	163.8233	Before	Interior Girder 1	51.1133	0.95	1	1	9.514679
Type 3S2_str	BOBJ1	163.8233	Before	Interior Girder 2	51.1133	0.95	1	1	8.756196
Type 3S2_str	BOBJ1	163.8233	Before	Interior Girder 3	51.1133	0.95	1	1	7.416691
Type 3S2_str	BOBJ1	163.8233	Before	Interior Girder 4	51.1133	0.95	1	1	7.416691
Type 3S2_str	BOBJ1	163.8233	Before	Interior Girder 5	51.1133	0.95	1	1	8.756196
Type 3S2_str	BOBJ1	163.8233	Before	Interior Girder 6	51.1133	0.95	1	1	9.514679
Type 3S2_str	BOBJ1	163.8233	Before	Right Exterior Girder	51.1133	0.95	1	1	13.419102
Type 3S2_str	BOBJ1	163.8233	After	Left Exterior Girder	51.1133	0.95	1	1	10.018577
Type 3S2_str	BOBJ1	163.8233	After	Interior Girder 1	51.1133	0.95	1	1	8.248359
Type 3S2_str	BOBJ1	163.8233	After	Interior Girder 2	51.1133	0.95	1	1	7.134116
Type 3S2_str	BOBJ1	163.8233	After	Interior Girder 3	51.1133	0.95	1	1	5.867831
Type 3S2_str	BOBJ1	163.8233	After	Interior Girder 4	51.1133	0.95	1	1	5.867831
Type 3S2_str	BOBJ1	163.8233	After	Interior Girder 5	51.1133	0.95	1	1	7.134116
Type 3S2_str	BOBJ1	163.8233	After	Interior Girder 6	51.1133	0.95	1	1	8.248359
Type 3S2_str	BOBJ1	163.8233	After	Right Exterior Girder	51.1133	0.95	1	1	10.018577
Type 3S2_str	BOBJ1	164.71	Before	Left Exterior Girder	52	0.95	1	1	10.001065
Type 3S2_str	BOBJ1	164.71	Before	Right Exterior Girder	52	0.95	1	1	10.001065
Type 3S2_str	BOBJ1	164.71	After	Left Exterior Girder	52	0.95	1	1	11.380843
Type 3S2_str	BOBJ1	164.71	After	Right Exterior Girder	52	0.95	1	1	11.380843
Type 3S2_str	BOBJ1	170.21	Before	Left Exterior Girder	57.5	0.95	1	1	11.247595
Type 3S2_str	BOBJ1	170.21	Before	Interior Girder 1	57.5	0.95	1	1	7.524446
Type 3S2_str	BOBJ1	170.21	Before	Interior Girder 2	57.5	0.95	1	1	7.013814
Type 3S2_str	BOBJ1	170.21	Before	Interior Girder 3	57.5	0.95	1	1	5.767096
Type 3S2_str	BOBJ1	170.21	Before	Interior Girder 4	57.5	0.95	1	1	5.767096
Type 3S2_str	BOBJ1	170.21	Before	Interior Girder 5	57.5	0.95	1	1	7.013814
Type 3S2_str	BOBJ1	170.21	Before	Interior Girder 6	57.5	0.95	1	1	7.524446
Type 3S2_str	BOBJ1	170.21	Before	Right Exterior Girder	57.5	0.95	1	1	11.247595
Type 3S2_str	BOBJ1	170.21	After	Left Exterior Girder	0	0.95	1	1	9.710606
Type 3S2_str	BOBJ1	170.21	After	Interior Girder 1	0	0.95	1	1	6.78721
Type 3S2_str	BOBJ1	170.21	After	Interior Girder 2	0	0.95	1	1	6.371671
Type 3S2_str	BOBJ1	170.21	After	Interior Girder 3	0	0.95	1	1	5.38874
Type 3S2_str	BOBJ1	170.21	After	Interior Girder 4	0	0.95	1	1	5.38874
Type 3S2_str	BOBJ1	170.21	After	Interior Girder 5	0	0.95	1	1	6.371671
Type 3S2_str	BOBJ1	170.21	After	Interior Girder 6	0	0.95	1	1	6.78721
Type 3S2_str	BOBJ1	170.21	After	Right Exterior Girder	0	0.95	1	1	9.710606
Type 3S2_str	BOBJ1	176.21	Before	Left Exterior Girder	6	0.95	1	1	9.839958
Type 3S2_str	BOBJ1	176.21	Before	Right Exterior Girder	6	0.95	1	1	9.839958

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Approach, Span 16-19									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Type 3S2_str	BOBJ1	176.21	After	Left Exterior Girder	6	0.95	1	1	6.775422
Type 3S2_str	BOBJ1	176.21	After	Right Exterior Girder	6	0.95	1	1	6.775422
Type 3S2_str	BOBJ1	176.6	Before	Left Exterior Girder	6.39	0.95	1	1	6.781054
Type 3S2_str	BOBJ1	176.6	Before	Interior Girder 1	6.39	0.95	1	1	8.838186
Type 3S2_str	BOBJ1	176.6	Before	Interior Girder 2	6.39	0.95	1	1	6.483737
Type 3S2_str	BOBJ1	176.6	Before	Interior Girder 3	6.39	0.95	1	1	5.485206
Type 3S2_str	BOBJ1	176.6	Before	Interior Girder 4	6.39	0.95	1	1	5.485206
Type 3S2_str	BOBJ1	176.6	Before	Interior Girder 5	6.39	0.95	1	1	6.483737
Type 3S2_str	BOBJ1	176.6	Before	Interior Girder 6	6.39	0.95	1	1	8.838186
Type 3S2_str	BOBJ1	176.6	Before	Right Exterior Girder	6.39	0.95	1	1	6.781054
Type 3S2_str	BOBJ1	176.6	After	Left Exterior Girder	6.39	0.95	1	1	11.306526
Type 3S2_str	BOBJ1	176.6	After	Interior Girder 1	6.39	0.95	1	1	9.071845
Type 3S2_str	BOBJ1	176.6	After	Interior Girder 2	6.39	0.95	1	1	8.36235
Type 3S2_str	BOBJ1	176.6	After	Interior Girder 3	6.39	0.95	1	1	7.43226
Type 3S2_str	BOBJ1	176.6	After	Interior Girder 4	6.39	0.95	1	1	7.43226
Type 3S2_str	BOBJ1	176.6	After	Interior Girder 5	6.39	0.95	1	1	8.36235
Type 3S2_str	BOBJ1	176.6	After	Interior Girder 6	6.39	0.95	1	1	9.071845
Type 3S2_str	BOBJ1	176.6	After	Right Exterior Girder	6.39	0.95	1	1	11.306526
Type 3S2_str	BOBJ1	182.99	Before	Left Exterior Girder	12.78	0.95	1	1	11.448407
Type 3S2_str	BOBJ1	182.99	Before	Interior Girder 1	12.78	0.95	1	1	9.229222
Type 3S2_str	BOBJ1	182.99	Before	Interior Girder 2	12.78	0.95	1	1	8.506279
Type 3S2_str	BOBJ1	182.99	Before	Interior Girder 3	12.78	0.95	1	1	7.561839
Type 3S2_str	BOBJ1	182.99	Before	Interior Girder 4	12.78	0.95	1	1	7.561839
Type 3S2_str	BOBJ1	182.99	Before	Interior Girder 5	12.78	0.95	1	1	8.506279
Type 3S2_str	BOBJ1	182.99	Before	Interior Girder 6	12.78	0.95	1	1	9.229222
Type 3S2_str	BOBJ1	182.99	Before	Right Exterior Girder	12.78	0.95	1	1	11.448407
Type 3S2_str	BOBJ1	182.99	After	Left Exterior Girder	12.78	0.95	1	1	13.183219
Type 3S2_str	BOBJ1	182.99	After	Interior Girder 1	12.78	0.95	1	1	12.383242
Type 3S2_str	BOBJ1	182.99	After	Interior Girder 2	12.78	0.95	1	1	10.970345
Type 3S2_str	BOBJ1	182.99	After	Interior Girder 3	12.78	0.95	1	1	10.097371
Type 3S2_str	BOBJ1	182.99	After	Interior Girder 4	12.78	0.95	1	1	10.097371
Type 3S2_str	BOBJ1	182.99	After	Interior Girder 5	12.78	0.95	1	1	10.970345
Type 3S2_str	BOBJ1	182.99	After	Interior Girder 6	12.78	0.95	1	1	12.383242
Type 3S2_str	BOBJ1	182.99	After	Right Exterior Girder	12.78	0.95	1	1	13.183219
Type 3S2_str	BOBJ1	189.38	Before	Left Exterior Girder	19.17	0.95	1	1	13.342775
Type 3S2_str	BOBJ1	189.38	Before	Interior Girder 1	19.17	0.95	1	1	12.593548
Type 3S2_str	BOBJ1	189.38	Before	Interior Girder 2	19.17	0.95	1	1	11.154963
Type 3S2_str	BOBJ1	189.38	Before	Interior Girder 3	19.17	0.95	1	1	10.269115
Type 3S2_str	BOBJ1	189.38	Before	Interior Girder 4	19.17	0.95	1	1	10.269115
Type 3S2_str	BOBJ1	189.38	Before	Interior Girder 5	19.17	0.95	1	1	11.154963
Type 3S2_str	BOBJ1	189.38	Before	Interior Girder 6	19.17	0.95	1	1	12.593548
Type 3S2_str	BOBJ1	189.38	Before	Right Exterior Girder	19.17	0.95	1	1	13.342775
Type 3S2_str	BOBJ1	189.38	After	Left Exterior Girder	19.17	0.95	1	1	24.425882
Type 3S2_str	BOBJ1	189.38	After	Interior Girder 1	19.17	0.95	1	1	12.457562
Type 3S2_str	BOBJ1	189.38	After	Interior Girder 2	19.17	0.95	1	1	11.261995
Type 3S2_str	BOBJ1	189.38	After	Interior Girder 3	19.17	0.95	1	1	9.59848
Type 3S2_str	BOBJ1	189.38	After	Interior Girder 4	19.17	0.95	1	1	9.59848
Type 3S2_str	BOBJ1	189.38	After	Interior Girder 5	19.17	0.95	1	1	11.261995
Type 3S2_str	BOBJ1	189.38	After	Interior Girder 6	19.17	0.95	1	1	12.457562
Type 3S2_str	BOBJ1	189.38	After	Right Exterior Girder	19.17	0.95	1	1	24.425882
Type 3S2_str	BOBJ1	195.77	Before	Left Exterior Girder	25.56	0.95	1	1	24.711975
Type 3S2_str	BOBJ1	195.77	Before	Interior Girder 1	25.56	0.95	1	1	12.663635
Type 3S2_str	BOBJ1	195.77	Before	Interior Girder 2	25.56	0.95	1	1	11.448063
Type 3S2_str	BOBJ1	195.77	Before	Interior Girder 3	25.56	0.95	1	1	9.756987
Type 3S2_str	BOBJ1	195.77	Before	Interior Girder 4	25.56	0.95	1	1	9.756987
Type 3S2_str	BOBJ1	195.77	Before	Interior Girder 5	25.56	0.95	1	1	11.448063
Type 3S2_str	BOBJ1	195.77	Before	Interior Girder 6	25.56	0.95	1	1	12.663635
Type 3S2_str	BOBJ1	195.77	Before	Right Exterior Girder	25.56	0.95	1	1	24.711975
Type 3S2_str	BOBJ1	195.77	After	Left Exterior Girder	25.56	0.95	1	1	30.066804
Type 3S2_str	BOBJ1	195.77	After	Interior Girder 1	25.56	0.95	1	1	17.367747
Type 3S2_str	BOBJ1	195.77	After	Interior Girder 2	25.56	0.95	1	1	15.875487
Type 3S2_str	BOBJ1	195.77	After	Interior Girder 3	25.56	0.95	1	1	13.767582
Type 3S2_str	BOBJ1	195.77	After	Interior Girder 4	25.56	0.95	1	1	13.767582
Type 3S2_str	BOBJ1	195.77	After	Interior Girder 5	25.56	0.95	1	1	15.875487
Type 3S2_str	BOBJ1	195.77	After	Interior Girder 6	25.56	0.95	1	1	17.367747

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Approach, Span 16-19									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Type 3S2_str	BOBJ1	195.77	After	Right Exterior Girder	25.56	0.95	1	1	30.066804
Type 3S2_str	BOBJ1	202.16	Before	Left Exterior Girder	31.95	0.95	1	1	30.407479
Type 3S2_str	BOBJ1	202.16	Before	Interior Girder 1	31.95	0.95	1	1	17.649113
Type 3S2_str	BOBJ1	202.16	Before	Interior Girder 2	31.95	0.95	1	1	16.131939
Type 3S2_str	BOBJ1	202.16	Before	Interior Girder 3	31.95	0.95	1	1	13.989861
Type 3S2_str	BOBJ1	202.16	Before	Interior Girder 4	31.95	0.95	1	1	13.989861
Type 3S2_str	BOBJ1	202.16	Before	Interior Girder 5	31.95	0.95	1	1	16.131939
Type 3S2_str	BOBJ1	202.16	Before	Interior Girder 6	31.95	0.95	1	1	17.649113
Type 3S2_str	BOBJ1	202.16	Before	Right Exterior Girder	31.95	0.95	1	1	30.407479
Type 3S2_str	BOBJ1	202.16	After	Left Exterior Girder	31.95	0.95	1	1	41.747429
Type 3S2_str	BOBJ1	202.16	After	Interior Girder 1	31.95	0.95	1	1	17.072501
Type 3S2_str	BOBJ1	202.16	After	Interior Girder 2	31.95	0.95	1	1	14.815105
Type 3S2_str	BOBJ1	202.16	After	Interior Girder 3	31.95	0.95	1	1	12.507244
Type 3S2_str	BOBJ1	202.16	After	Interior Girder 4	31.95	0.95	1	1	12.507244
Type 3S2_str	BOBJ1	202.16	After	Interior Girder 5	31.95	0.95	1	1	14.815105
Type 3S2_str	BOBJ1	202.16	After	Interior Girder 6	31.95	0.95	1	1	17.072501
Type 3S2_str	BOBJ1	202.16	After	Right Exterior Girder	31.95	0.95	1	1	41.747429
Type 3S2_str	BOBJ1	208.55	Before	Left Exterior Girder	38.34	0.95	1	1	42.205643
Type 3S2_str	BOBJ1	208.55	Before	Interior Girder 1	38.34	0.95	1	1	16.807145
Type 3S2_str	BOBJ1	208.55	Before	Interior Girder 2	38.34	0.95	1	1	14.583853
Type 3S2_str	BOBJ1	208.55	Before	Interior Girder 3	38.34	0.95	1	1	12.31198
Type 3S2_str	BOBJ1	208.55	Before	Interior Girder 4	38.34	0.95	1	1	12.31198
Type 3S2_str	BOBJ1	208.55	Before	Interior Girder 5	38.34	0.95	1	1	14.583853
Type 3S2_str	BOBJ1	208.55	Before	Interior Girder 6	38.34	0.95	1	1	16.807145
Type 3S2_str	BOBJ1	208.55	Before	Right Exterior Girder	38.34	0.95	1	1	42.205643
Type 3S2_str	BOBJ1	208.55	After	Left Exterior Girder	38.34	0.95	1	1	20.466958
Type 3S2_str	BOBJ1	208.55	After	Interior Girder 1	38.34	0.95	1	1	18.853255
Type 3S2_str	BOBJ1	208.55	After	Interior Girder 2	38.34	0.95	1	1	16.549474
Type 3S2_str	BOBJ1	208.55	After	Interior Girder 3	38.34	0.95	1	1	15.69656
Type 3S2_str	BOBJ1	208.55	After	Interior Girder 4	38.34	0.95	1	1	15.69656
Type 3S2_str	BOBJ1	208.55	After	Interior Girder 5	38.34	0.95	1	1	16.549474
Type 3S2_str	BOBJ1	208.55	After	Interior Girder 6	38.34	0.95	1	1	18.853255
Type 3S2_str	BOBJ1	208.55	After	Right Exterior Girder	38.34	0.95	1	1	20.466958
Type 3S2_str	BOBJ1	215.1233	Before	Left Exterior Girder	44.9133	0.95	1	1	20.231385
Type 3S2_str	BOBJ1	215.1233	Before	Interior Girder 1	44.9133	0.95	1	1	18.541961
Type 3S2_str	BOBJ1	215.1233	Before	Interior Girder 2	44.9133	0.95	1	1	16.277959
Type 3S2_str	BOBJ1	215.1233	Before	Interior Girder 3	44.9133	0.95	1	1	15.438623
Type 3S2_str	BOBJ1	215.1233	Before	Interior Girder 4	44.9133	0.95	1	1	15.438623
Type 3S2_str	BOBJ1	215.1233	Before	Interior Girder 5	44.9133	0.95	1	1	16.277959
Type 3S2_str	BOBJ1	215.1233	Before	Interior Girder 6	44.9133	0.95	1	1	18.541961
Type 3S2_str	BOBJ1	215.1233	Before	Right Exterior Girder	44.9133	0.95	1	1	20.231385
Type 3S2_str	BOBJ1	215.1233	After	Left Exterior Girder	44.9133	0.95	1	1	16.881584
Type 3S2_str	BOBJ1	215.1233	After	Interior Girder 1	44.9133	0.95	1	1	13.055328
Type 3S2_str	BOBJ1	215.1233	After	Interior Girder 2	44.9133	0.95	1	1	11.870799
Type 3S2_str	BOBJ1	215.1233	After	Interior Girder 3	44.9133	0.95	1	1	11.030264
Type 3S2_str	BOBJ1	215.1233	After	Interior Girder 4	44.9133	0.95	1	1	11.030264
Type 3S2_str	BOBJ1	215.1233	After	Interior Girder 5	44.9133	0.95	1	1	11.870799
Type 3S2_str	BOBJ1	215.1233	After	Interior Girder 6	44.9133	0.95	1	1	13.055328
Type 3S2_str	BOBJ1	215.1233	After	Right Exterior Girder	44.9133	0.95	1	1	16.881584
Type 3S2_str	BOBJ1	221.6967	Before	Left Exterior Girder	51.4867	0.95	1	1	16.680681
Type 3S2_str	BOBJ1	221.6967	Before	Interior Girder 1	51.4867	0.95	1	1	12.835036
Type 3S2_str	BOBJ1	221.6967	Before	Interior Girder 2	51.4867	0.95	1	1	11.671562
Type 3S2_str	BOBJ1	221.6967	Before	Interior Girder 3	51.4867	0.95	1	1	10.844791
Type 3S2_str	BOBJ1	221.6967	Before	Interior Girder 4	51.4867	0.95	1	1	10.844791
Type 3S2_str	BOBJ1	221.6967	Before	Interior Girder 5	51.4867	0.95	1	1	11.671562
Type 3S2_str	BOBJ1	221.6967	Before	Interior Girder 6	51.4867	0.95	1	1	12.835036
Type 3S2_str	BOBJ1	221.6967	Before	Right Exterior Girder	51.4867	0.95	1	1	16.680681
Type 3S2_str	BOBJ1	221.6967	After	Left Exterior Girder	51.4867	0.95	1	1	13.822909
Type 3S2_str	BOBJ1	221.6967	After	Interior Girder 1	51.4867	0.95	1	1	9.047978
Type 3S2_str	BOBJ1	221.6967	After	Interior Girder 2	51.4867	0.95	1	1	8.423362
Type 3S2_str	BOBJ1	221.6967	After	Interior Girder 3	51.4867	0.95	1	1	7.444737
Type 3S2_str	BOBJ1	221.6967	After	Interior Girder 4	51.4867	0.95	1	1	7.444737
Type 3S2_str	BOBJ1	221.6967	After	Interior Girder 5	51.4867	0.95	1	1	8.423362
Type 3S2_str	BOBJ1	221.6967	After	Interior Girder 6	51.4867	0.95	1	1	9.047978
Type 3S2_str	BOBJ1	221.6967	After	Right Exterior Girder	51.4867	0.95	1	1	13.822909

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Approach, Span 16-19									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Type 3S2_str	BOBJ1	228.27	Before	Left Exterior Girder	58.06	0.95	1	1	13.65243
Type 3S2_str	BOBJ1	228.27	Before	Interior Girder 1	58.06	0.95	1	1	8.892064
Type 3S2_str	BOBJ1	228.27	Before	Interior Girder 2	58.06	0.95	1	1	8.27875
Type 3S2_str	BOBJ1	228.27	Before	Interior Girder 3	58.06	0.95	1	1	7.31649
Type 3S2_str	BOBJ1	228.27	Before	Interior Girder 4	58.06	0.95	1	1	7.31649
Type 3S2_str	BOBJ1	228.27	Before	Interior Girder 5	58.06	0.95	1	1	8.27875
Type 3S2_str	BOBJ1	228.27	Before	Interior Girder 6	58.06	0.95	1	1	8.892064
Type 3S2_str	BOBJ1	228.27	Before	Right Exterior Girder	58.06	0.95	1	1	13.65243
Type 3-3_str	BOBJ1	0	After	Left Exterior Girder	0	0.95	1	1	14.431568
Type 3-3_str	BOBJ1	0	After	Interior Girder 1	0	0.95	1	1	9.042119
Type 3-3_str	BOBJ1	0	After	Interior Girder 2	0	0.95	1	1	8.45382
Type 3-3_str	BOBJ1	0	After	Interior Girder 3	0	0.95	1	1	7.253563
Type 3-3_str	BOBJ1	0	After	Interior Girder 4	0	0.95	1	1	7.253563
Type 3-3_str	BOBJ1	0	After	Interior Girder 5	0	0.95	1	1	8.45382
Type 3-3_str	BOBJ1	0	After	Interior Girder 6	0	0.95	1	1	9.042119
Type 3-3_str	BOBJ1	0	After	Right Exterior Girder	0	0.95	1	1	14.431568
Type 3-3_str	BOBJ1	5.3833	Before	Left Exterior Girder	5.3833	0.95	1	1	14.59651
Type 3-3_str	BOBJ1	5.3833	Before	Interior Girder 1	5.3833	0.95	1	1	9.183964
Type 3-3_str	BOBJ1	5.3833	Before	Interior Girder 2	5.3833	0.95	1	1	8.586002
Type 3-3_str	BOBJ1	5.3833	Before	Interior Girder 3	5.3833	0.95	1	1	7.36753
Type 3-3_str	BOBJ1	5.3833	Before	Interior Girder 4	5.3833	0.95	1	1	7.36753
Type 3-3_str	BOBJ1	5.3833	Before	Interior Girder 5	5.3833	0.95	1	1	8.586002
Type 3-3_str	BOBJ1	5.3833	Before	Interior Girder 6	5.3833	0.95	1	1	9.183964
Type 3-3_str	BOBJ1	5.3833	Before	Right Exterior Girder	5.3833	0.95	1	1	14.59651
Type 3-3_str	BOBJ1	5.3833	After	Left Exterior Girder	5.3833	0.95	1	1	18.18984
Type 3-3_str	BOBJ1	5.3833	After	Interior Girder 1	5.3833	0.95	1	1	13.064212
Type 3-3_str	BOBJ1	5.3833	After	Interior Girder 2	5.3833	0.95	1	1	11.837059
Type 3-3_str	BOBJ1	5.3833	After	Interior Girder 3	5.3833	0.95	1	1	10.979951
Type 3-3_str	BOBJ1	5.3833	After	Interior Girder 4	5.3833	0.95	1	1	10.979951
Type 3-3_str	BOBJ1	5.3833	After	Interior Girder 5	5.3833	0.95	1	1	11.837059
Type 3-3_str	BOBJ1	5.3833	After	Interior Girder 6	5.3833	0.95	1	1	13.064212
Type 3-3_str	BOBJ1	5.3833	After	Right Exterior Girder	5.3833	0.95	1	1	18.18984
Type 3-3_str	BOBJ1	10.7667	Before	Left Exterior Girder	10.7667	0.95	1	1	18.390669
Type 3-3_str	BOBJ1	10.7667	Before	Interior Girder 1	10.7667	0.95	1	1	13.265246
Type 3-3_str	BOBJ1	10.7667	Before	Interior Girder 2	10.7667	0.95	1	1	12.018247
Type 3-3_str	BOBJ1	10.7667	Before	Interior Girder 3	10.7667	0.95	1	1	11.148713
Type 3-3_str	BOBJ1	10.7667	Before	Interior Girder 4	10.7667	0.95	1	1	11.148713
Type 3-3_str	BOBJ1	10.7667	Before	Interior Girder 5	10.7667	0.95	1	1	12.018247
Type 3-3_str	BOBJ1	10.7667	Before	Interior Girder 6	10.7667	0.95	1	1	13.265246
Type 3-3_str	BOBJ1	10.7667	Before	Right Exterior Girder	10.7667	0.95	1	1	18.390669
Type 3-3_str	BOBJ1	10.7667	After	Left Exterior Girder	10.7667	0.95	1	1	22.959418
Type 3-3_str	BOBJ1	10.7667	After	Interior Girder 1	10.7667	0.95	1	1	18.700313
Type 3-3_str	BOBJ1	10.7667	After	Interior Girder 2	10.7667	0.95	1	1	16.698729
Type 3-3_str	BOBJ1	10.7667	After	Interior Girder 3	10.7667	0.95	1	1	15.809584
Type 3-3_str	BOBJ1	10.7667	After	Interior Girder 4	10.7667	0.95	1	1	15.809584
Type 3-3_str	BOBJ1	10.7667	After	Interior Girder 5	10.7667	0.95	1	1	16.698729
Type 3-3_str	BOBJ1	10.7667	After	Interior Girder 6	10.7667	0.95	1	1	18.700313
Type 3-3_str	BOBJ1	10.7667	After	Right Exterior Girder	10.7667	0.95	1	1	22.959418
Type 3-3_str	BOBJ1	16.15	Before	Left Exterior Girder	16.15	0.95	1	1	23.204752
Type 3-3_str	BOBJ1	16.15	Before	Interior Girder 1	16.15	0.95	1	1	18.982433
Type 3-3_str	BOBJ1	16.15	Before	Interior Girder 2	16.15	0.95	1	1	16.949047
Type 3-3_str	BOBJ1	16.15	Before	Interior Girder 3	16.15	0.95	1	1	15.851094
Type 3-3_str	BOBJ1	16.15	Before	Interior Girder 4	16.15	0.95	1	1	15.851094
Type 3-3_str	BOBJ1	16.15	Before	Interior Girder 5	16.15	0.95	1	1	16.949047
Type 3-3_str	BOBJ1	16.15	Before	Interior Girder 6	16.15	0.95	1	1	18.982433
Type 3-3_str	BOBJ1	16.15	Before	Right Exterior Girder	16.15	0.95	1	1	23.204752
Type 3-3_str	BOBJ1	16.15	After	Left Exterior Girder	16.15	0.95	1	1	32.356017
Type 3-3_str	BOBJ1	16.15	After	Interior Girder 1	16.15	0.95	1	1	18.384076
Type 3-3_str	BOBJ1	16.15	After	Interior Girder 2	16.15	0.95	1	1	15.910277
Type 3-3_str	BOBJ1	16.15	After	Interior Girder 3	16.15	0.95	1	1	13.406497
Type 3-3_str	BOBJ1	16.15	After	Interior Girder 4	16.15	0.95	1	1	13.406497
Type 3-3_str	BOBJ1	16.15	After	Interior Girder 5	16.15	0.95	1	1	15.910277
Type 3-3_str	BOBJ1	16.15	After	Interior Girder 6	16.15	0.95	1	1	18.384076
Type 3-3_str	BOBJ1	16.15	After	Right Exterior Girder	16.15	0.95	1	1	32.356017
Type 3-3_str	BOBJ1	22.1267	Before	Left Exterior Girder	22.1267	0.95	1	1	31.972849

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Approach, Span 16-19									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Type 3-3_str	BOBJ1	22.1267	Before	Interior Girder 1	22.1267	0.95	1	1	18.682677
Type 3-3_str	BOBJ1	22.1267	Before	Interior Girder 2	22.1267	0.95	1	1	16.170129
Type 3-3_str	BOBJ1	22.1267	Before	Interior Girder 3	22.1267	0.95	1	1	13.625347
Type 3-3_str	BOBJ1	22.1267	Before	Interior Girder 4	22.1267	0.95	1	1	13.625347
Type 3-3_str	BOBJ1	22.1267	Before	Interior Girder 5	22.1267	0.95	1	1	16.170129
Type 3-3_str	BOBJ1	22.1267	Before	Interior Girder 6	22.1267	0.95	1	1	18.682677
Type 3-3_str	BOBJ1	22.1267	Before	Right Exterior Girder	22.1267	0.95	1	1	31.972849
Type 3-3_str	BOBJ1	22.1267	After	Left Exterior Girder	22.1267	0.95	1	1	23.393734
Type 3-3_str	BOBJ1	22.1267	After	Interior Girder 1	22.1267	0.95	1	1	15.366617
Type 3-3_str	BOBJ1	22.1267	After	Interior Girder 2	22.1267	0.95	1	1	14.044894
Type 3-3_str	BOBJ1	22.1267	After	Interior Girder 3	22.1267	0.95	1	1	12.311699
Type 3-3_str	BOBJ1	22.1267	After	Interior Girder 4	22.1267	0.95	1	1	12.311699
Type 3-3_str	BOBJ1	22.1267	After	Interior Girder 5	22.1267	0.95	1	1	14.044894
Type 3-3_str	BOBJ1	22.1267	After	Interior Girder 6	22.1267	0.95	1	1	15.366617
Type 3-3_str	BOBJ1	22.1267	After	Right Exterior Girder	22.1267	0.95	1	1	23.393734
Type 3-3_str	BOBJ1	28.1033	Before	Left Exterior Girder	28.1033	0.95	1	1	23.106484
Type 3-3_str	BOBJ1	28.1033	Before	Interior Girder 1	28.1033	0.95	1	1	15.105856
Type 3-3_str	BOBJ1	28.1033	Before	Interior Girder 2	28.1033	0.95	1	1	13.807586
Type 3-3_str	BOBJ1	28.1033	Before	Interior Girder 3	28.1033	0.95	1	1	12.103557
Type 3-3_str	BOBJ1	28.1033	Before	Interior Girder 4	28.1033	0.95	1	1	12.103557
Type 3-3_str	BOBJ1	28.1033	Before	Interior Girder 5	28.1033	0.95	1	1	13.807586
Type 3-3_str	BOBJ1	28.1033	Before	Interior Girder 6	28.1033	0.95	1	1	15.105856
Type 3-3_str	BOBJ1	28.1033	Before	Right Exterior Girder	28.1033	0.95	1	1	23.106484
Type 3-3_str	BOBJ1	28.1033	After	Left Exterior Girder	28.1033	0.95	1	1	19.1836
Type 3-3_str	BOBJ1	28.1033	After	Interior Girder 1	28.1033	0.95	1	1	11.314534
Type 3-3_str	BOBJ1	28.1033	After	Interior Girder 2	28.1033	0.95	1	1	10.313264
Type 3-3_str	BOBJ1	28.1033	After	Interior Girder 3	28.1033	0.95	1	1	8.770998
Type 3-3_str	BOBJ1	28.1033	After	Interior Girder 4	28.1033	0.95	1	1	8.770998
Type 3-3_str	BOBJ1	28.1033	After	Interior Girder 5	28.1033	0.95	1	1	10.313264
Type 3-3_str	BOBJ1	28.1033	After	Interior Girder 6	28.1033	0.95	1	1	11.314534
Type 3-3_str	BOBJ1	28.1033	After	Right Exterior Girder	28.1033	0.95	1	1	19.1836
Type 3-3_str	BOBJ1	34.08	Before	Left Exterior Girder	34.08	0.95	1	1	18.938893
Type 3-3_str	BOBJ1	34.08	Before	Interior Girder 1	34.08	0.95	1	1	11.1183
Type 3-3_str	BOBJ1	34.08	Before	Interior Girder 2	34.08	0.95	1	1	10.134894
Type 3-3_str	BOBJ1	34.08	Before	Interior Girder 3	34.08	0.95	1	1	8.61908
Type 3-3_str	BOBJ1	34.08	Before	Interior Girder 4	34.08	0.95	1	1	8.61908
Type 3-3_str	BOBJ1	34.08	Before	Interior Girder 5	34.08	0.95	1	1	10.134894
Type 3-3_str	BOBJ1	34.08	Before	Interior Girder 6	34.08	0.95	1	1	11.1183
Type 3-3_str	BOBJ1	34.08	Before	Right Exterior Girder	34.08	0.95	1	1	18.938893
Type 3-3_str	BOBJ1	34.08	After	Left Exterior Girder	34.08	0.95	1	1	12.33948
Type 3-3_str	BOBJ1	34.08	After	Interior Girder 1	34.08	0.95	1	1	10.589471
Type 3-3_str	BOBJ1	34.08	After	Interior Girder 2	34.08	0.95	1	1	9.614268
Type 3-3_str	BOBJ1	34.08	After	Interior Girder 3	34.08	0.95	1	1	8.151358
Type 3-3_str	BOBJ1	34.08	After	Interior Girder 4	34.08	0.95	1	1	8.151358
Type 3-3_str	BOBJ1	34.08	After	Interior Girder 5	34.08	0.95	1	1	9.614268
Type 3-3_str	BOBJ1	34.08	After	Interior Girder 6	34.08	0.95	1	1	10.589471
Type 3-3_str	BOBJ1	34.08	After	Right Exterior Girder	34.08	0.95	1	1	12.33948
Type 3-3_str	BOBJ1	39.855	Before	Left Exterior Girder	39.855	0.95	1	1	12.180584
Type 3-3_str	BOBJ1	39.855	Before	Interior Girder 1	39.855	0.95	1	1	10.40793
Type 3-3_str	BOBJ1	39.855	Before	Interior Girder 2	39.855	0.95	1	1	9.451359
Type 3-3_str	BOBJ1	39.855	Before	Interior Girder 3	39.855	0.95	1	1	8.009939
Type 3-3_str	BOBJ1	39.855	Before	Interior Girder 4	39.855	0.95	1	1	8.009939
Type 3-3_str	BOBJ1	39.855	Before	Interior Girder 5	39.855	0.95	1	1	9.451359
Type 3-3_str	BOBJ1	39.855	Before	Interior Girder 6	39.855	0.95	1	1	10.40793
Type 3-3_str	BOBJ1	39.855	Before	Right Exterior Girder	39.855	0.95	1	1	12.180584
Type 3-3_str	BOBJ1	39.855	After	Left Exterior Girder	39.855	0.95	1	1	7.339094
Type 3-3_str	BOBJ1	39.855	After	Interior Girder 1	39.855	0.95	1	1	9.867293
Type 3-3_str	BOBJ1	39.855	After	Interior Girder 2	39.855	0.95	1	1	7.186921
Type 3-3_str	BOBJ1	39.855	After	Interior Girder 3	39.855	0.95	1	1	5.870765
Type 3-3_str	BOBJ1	39.855	After	Interior Girder 4	39.855	0.95	1	1	5.870765
Type 3-3_str	BOBJ1	39.855	After	Interior Girder 5	39.855	0.95	1	1	7.186921
Type 3-3_str	BOBJ1	39.855	After	Interior Girder 6	39.855	0.95	1	1	9.867293
Type 3-3_str	BOBJ1	39.855	After	Right Exterior Girder	39.855	0.95	1	1	7.339094
Type 3-3_str	BOBJ1	40.0288	Before	Left Exterior Girder	40.0288	0.95	1	1	7.335941
Type 3-3_str	BOBJ1	40.0288	Before	Right Exterior Girder	40.0288	0.95	1	1	7.335941

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Approach, Span 16-19									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Type 3-3_str	BOBJ1	40.0288	After	Left Exterior Girder	40.0288	0.95	1	1	10.116738
Type 3-3_str	BOBJ1	40.0288	After	Right Exterior Girder	40.0288	0.95	1	1	10.116738
Type 3-3_str	BOBJ1	45.63	Before	Left Exterior Girder	45.63	0.95	1	1	9.977421
Type 3-3_str	BOBJ1	45.63	Before	Interior Girder 1	45.63	0.95	1	1	7.540038
Type 3-3_str	BOBJ1	45.63	Before	Interior Girder 2	45.63	0.95	1	1	7.062519
Type 3-3_str	BOBJ1	45.63	Before	Interior Girder 3	45.63	0.95	1	1	5.766161
Type 3-3_str	BOBJ1	45.63	Before	Interior Girder 4	45.63	0.95	1	1	5.766161
Type 3-3_str	BOBJ1	45.63	Before	Interior Girder 5	45.63	0.95	1	1	7.062519
Type 3-3_str	BOBJ1	45.63	Before	Interior Girder 6	45.63	0.95	1	1	7.540038
Type 3-3_str	BOBJ1	45.63	Before	Right Exterior Girder	45.63	0.95	1	1	9.977421
Type 3-3_str	BOBJ1	45.63	After	Left Exterior Girder	0	0.95	1	1	7.273338
Type 3-3_str	BOBJ1	45.63	After	Interior Girder 1	0	0.95	1	1	6.28916
Type 3-3_str	BOBJ1	45.63	After	Interior Girder 2	0	0.95	1	1	5.915441
Type 3-3_str	BOBJ1	45.63	After	Interior Girder 3	0	0.95	1	1	5.043731
Type 3-3_str	BOBJ1	45.63	After	Interior Girder 4	0	0.95	1	1	5.043731
Type 3-3_str	BOBJ1	45.63	After	Interior Girder 5	0	0.95	1	1	5.915441
Type 3-3_str	BOBJ1	45.63	After	Interior Girder 6	0	0.95	1	1	6.28916
Type 3-3_str	BOBJ1	45.63	After	Right Exterior Girder	0	0.95	1	1	7.273338
Type 3-3_str	BOBJ1	50.6298	Before	Left Exterior Girder	4.9998	0.95	1	1	7.365939
Type 3-3_str	BOBJ1	50.6298	Before	Right Exterior Girder	4.9998	0.95	1	1	7.365939
Type 3-3_str	BOBJ1	50.6298	After	Left Exterior Girder	4.9998	0.95	1	1	5.597891
Type 3-3_str	BOBJ1	50.6298	After	Right Exterior Girder	4.9998	0.95	1	1	5.597891
Type 3-3_str	BOBJ1	51.4	Before	Left Exterior Girder	5.77	0.95	1	1	5.608709
Type 3-3_str	BOBJ1	51.4	Before	Interior Girder 1	5.77	0.95	1	1	8.050682
Type 3-3_str	BOBJ1	51.4	Before	Interior Girder 2	5.77	0.95	1	1	6.021329
Type 3-3_str	BOBJ1	51.4	Before	Interior Girder 3	5.77	0.95	1	1	5.136705
Type 3-3_str	BOBJ1	51.4	Before	Interior Girder 4	5.77	0.95	1	1	5.136705
Type 3-3_str	BOBJ1	51.4	Before	Interior Girder 5	5.77	0.95	1	1	6.021329
Type 3-3_str	BOBJ1	51.4	Before	Interior Girder 6	5.77	0.95	1	1	8.050682
Type 3-3_str	BOBJ1	51.4	Before	Right Exterior Girder	5.77	0.95	1	1	5.608709
Type 3-3_str	BOBJ1	51.4	After	Left Exterior Girder	5.77	0.95	1	1	8.394304
Type 3-3_str	BOBJ1	51.4	After	Interior Girder 1	5.77	0.95	1	1	8.179511
Type 3-3_str	BOBJ1	51.4	After	Interior Girder 2	5.77	0.95	1	1	7.548033
Type 3-3_str	BOBJ1	51.4	After	Interior Girder 3	5.77	0.95	1	1	6.761076
Type 3-3_str	BOBJ1	51.4	After	Interior Girder 4	5.77	0.95	1	1	6.761076
Type 3-3_str	BOBJ1	51.4	After	Interior Girder 5	5.77	0.95	1	1	7.548033
Type 3-3_str	BOBJ1	51.4	After	Interior Girder 6	5.77	0.95	1	1	8.179511
Type 3-3_str	BOBJ1	51.4	After	Right Exterior Girder	5.77	0.95	1	1	8.394304
Type 3-3_str	BOBJ1	57.17	Before	Left Exterior Girder	11.54	0.95	1	1	8.505894
Type 3-3_str	BOBJ1	57.17	Before	Interior Girder 1	11.54	0.95	1	1	8.324456
Type 3-3_str	BOBJ1	57.17	Before	Interior Girder 2	11.54	0.95	1	1	7.680185
Type 3-3_str	BOBJ1	57.17	Before	Interior Girder 3	11.54	0.95	1	1	6.882312
Type 3-3_str	BOBJ1	57.17	Before	Interior Girder 4	11.54	0.95	1	1	6.882312
Type 3-3_str	BOBJ1	57.17	Before	Interior Girder 5	11.54	0.95	1	1	7.680185
Type 3-3_str	BOBJ1	57.17	Before	Interior Girder 6	11.54	0.95	1	1	8.324456
Type 3-3_str	BOBJ1	57.17	Before	Right Exterior Girder	11.54	0.95	1	1	8.505894
Type 3-3_str	BOBJ1	57.17	After	Left Exterior Girder	11.54	0.95	1	1	12.658656
Type 3-3_str	BOBJ1	57.17	After	Interior Girder 1	11.54	0.95	1	1	8.678812
Type 3-3_str	BOBJ1	57.17	After	Interior Girder 2	11.54	0.95	1	1	8.243695
Type 3-3_str	BOBJ1	57.17	After	Interior Girder 3	11.54	0.95	1	1	7.343627
Type 3-3_str	BOBJ1	57.17	After	Interior Girder 4	11.54	0.95	1	1	7.343627
Type 3-3_str	BOBJ1	57.17	After	Interior Girder 5	11.54	0.95	1	1	8.243695
Type 3-3_str	BOBJ1	57.17	After	Interior Girder 6	11.54	0.95	1	1	8.678812
Type 3-3_str	BOBJ1	57.17	After	Right Exterior Girder	11.54	0.95	1	1	12.658656
Type 3-3_str	BOBJ1	63.34	Before	Left Exterior Girder	17.71	0.95	1	1	12.830609
Type 3-3_str	BOBJ1	63.34	Before	Interior Girder 1	17.71	0.95	1	1	8.839795
Type 3-3_str	BOBJ1	63.34	Before	Interior Girder 2	17.71	0.95	1	1	8.395855
Type 3-3_str	BOBJ1	63.34	Before	Interior Girder 3	17.71	0.95	1	1	7.479236
Type 3-3_str	BOBJ1	63.34	Before	Interior Girder 4	17.71	0.95	1	1	7.479236
Type 3-3_str	BOBJ1	63.34	Before	Interior Girder 5	17.71	0.95	1	1	8.395855
Type 3-3_str	BOBJ1	63.34	Before	Interior Girder 6	17.71	0.95	1	1	8.839795
Type 3-3_str	BOBJ1	63.34	Before	Right Exterior Girder	17.71	0.95	1	1	12.830609
Type 3-3_str	BOBJ1	63.34	After	Left Exterior Girder	17.71	0.95	1	1	15.269982
Type 3-3_str	BOBJ1	63.34	After	Interior Girder 1	17.71	0.95	1	1	11.982444
Type 3-3_str	BOBJ1	63.34	After	Interior Girder 2	17.71	0.95	1	1	11.1835

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Approach, Span 16-19									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Type 3-3_str	BOBJ1	63.34	After	Interior Girder 3	17.71	0.95	1	1	10.574659
Type 3-3_str	BOBJ1	63.34	After	Interior Girder 4	17.71	0.95	1	1	10.574659
Type 3-3_str	BOBJ1	63.34	After	Interior Girder 5	17.71	0.95	1	1	11.1835
Type 3-3_str	BOBJ1	63.34	After	Interior Girder 6	17.71	0.95	1	1	11.982444
Type 3-3_str	BOBJ1	63.34	After	Right Exterior Girder	17.71	0.95	1	1	15.269982
Type 3-3_str	BOBJ1	69.51	Before	Left Exterior Girder	23.88	0.95	1	1	15.469174
Type 3-3_str	BOBJ1	69.51	Before	Interior Girder 1	23.88	0.95	1	1	12.199597
Type 3-3_str	BOBJ1	69.51	Before	Interior Girder 2	23.88	0.95	1	1	11.384834
Type 3-3_str	BOBJ1	69.51	Before	Interior Girder 3	23.88	0.95	1	1	10.764954
Type 3-3_str	BOBJ1	69.51	Before	Interior Girder 4	23.88	0.95	1	1	10.764954
Type 3-3_str	BOBJ1	69.51	Before	Interior Girder 5	23.88	0.95	1	1	11.384834
Type 3-3_str	BOBJ1	69.51	Before	Interior Girder 6	23.88	0.95	1	1	12.199597
Type 3-3_str	BOBJ1	69.51	Before	Right Exterior Girder	23.88	0.95	1	1	15.469174
Type 3-3_str	BOBJ1	69.51	After	Left Exterior Girder	23.88	0.95	1	1	19.21108
Type 3-3_str	BOBJ1	69.51	After	Interior Girder 1	23.88	0.95	1	1	17.148412
Type 3-3_str	BOBJ1	69.51	After	Interior Girder 2	23.88	0.95	1	1	15.767072
Type 3-3_str	BOBJ1	69.51	After	Interior Girder 3	23.88	0.95	1	1	14.394913
Type 3-3_str	BOBJ1	69.51	After	Interior Girder 4	23.88	0.95	1	1	14.394913
Type 3-3_str	BOBJ1	69.51	After	Interior Girder 5	23.88	0.95	1	1	15.767072
Type 3-3_str	BOBJ1	69.51	After	Interior Girder 6	23.88	0.95	1	1	17.148412
Type 3-3_str	BOBJ1	69.51	After	Right Exterior Girder	23.88	0.95	1	1	19.21108
Type 3-3_str	BOBJ1	75.68	Before	Left Exterior Girder	30.05	0.95	1	1	19.452284
Type 3-3_str	BOBJ1	75.68	Before	Interior Girder 1	30.05	0.95	1	1	17.451984
Type 3-3_str	BOBJ1	75.68	Before	Interior Girder 2	30.05	0.95	1	1	16.043957
Type 3-3_str	BOBJ1	75.68	Before	Interior Girder 3	30.05	0.95	1	1	14.159035
Type 3-3_str	BOBJ1	75.68	Before	Interior Girder 4	30.05	0.95	1	1	14.159035
Type 3-3_str	BOBJ1	75.68	Before	Interior Girder 5	30.05	0.95	1	1	16.043957
Type 3-3_str	BOBJ1	75.68	Before	Interior Girder 6	30.05	0.95	1	1	17.451984
Type 3-3_str	BOBJ1	75.68	Before	Right Exterior Girder	30.05	0.95	1	1	19.452284
Type 3-3_str	BOBJ1	75.68	After	Left Exterior Girder	30.05	0.95	1	1	32.356717
Type 3-3_str	BOBJ1	75.68	After	Interior Girder 1	30.05	0.95	1	1	15.903723
Type 3-3_str	BOBJ1	75.68	After	Interior Girder 2	30.05	0.95	1	1	13.765556
Type 3-3_str	BOBJ1	75.68	After	Interior Girder 3	30.05	0.95	1	1	11.63005
Type 3-3_str	BOBJ1	75.68	After	Interior Girder 4	30.05	0.95	1	1	11.63005
Type 3-3_str	BOBJ1	75.68	After	Interior Girder 5	30.05	0.95	1	1	13.765556
Type 3-3_str	BOBJ1	75.68	After	Interior Girder 6	30.05	0.95	1	1	15.903723
Type 3-3_str	BOBJ1	75.68	After	Right Exterior Girder	30.05	0.95	1	1	32.356717
Type 3-3_str	BOBJ1	81.8467	Before	Left Exterior Girder	36.2167	0.95	1	1	31.971302
Type 3-3_str	BOBJ1	81.8467	Before	Interior Girder 1	36.2167	0.95	1	1	16.174787
Type 3-3_str	BOBJ1	81.8467	Before	Interior Girder 2	36.2167	0.95	1	1	14.00119
Type 3-3_str	BOBJ1	81.8467	Before	Interior Girder 3	36.2167	0.95	1	1	11.829184
Type 3-3_str	BOBJ1	81.8467	Before	Interior Girder 4	36.2167	0.95	1	1	11.829184
Type 3-3_str	BOBJ1	81.8467	Before	Interior Girder 5	36.2167	0.95	1	1	14.00119
Type 3-3_str	BOBJ1	81.8467	Before	Interior Girder 6	36.2167	0.95	1	1	16.174787
Type 3-3_str	BOBJ1	81.8467	Before	Right Exterior Girder	36.2167	0.95	1	1	31.971302
Type 3-3_str	BOBJ1	81.8467	After	Left Exterior Girder	36.2167	0.95	1	1	24.874899
Type 3-3_str	BOBJ1	81.8467	After	Interior Girder 1	36.2167	0.95	1	1	16.241675
Type 3-3_str	BOBJ1	81.8467	After	Interior Girder 2	36.2167	0.95	1	1	14.983857
Type 3-3_str	BOBJ1	81.8467	After	Interior Girder 3	36.2167	0.95	1	1	13.413302
Type 3-3_str	BOBJ1	81.8467	After	Interior Girder 4	36.2167	0.95	1	1	13.413302
Type 3-3_str	BOBJ1	81.8467	After	Interior Girder 5	36.2167	0.95	1	1	14.983857
Type 3-3_str	BOBJ1	81.8467	After	Interior Girder 6	36.2167	0.95	1	1	16.241675
Type 3-3_str	BOBJ1	81.8467	After	Right Exterior Girder	36.2167	0.95	1	1	24.874899
Type 3-3_str	BOBJ1	88.0133	Before	Left Exterior Girder	42.3833	0.95	1	1	24.567712
Type 3-3_str	BOBJ1	88.0133	Before	Interior Girder 1	42.3833	0.95	1	1	15.961937
Type 3-3_str	BOBJ1	88.0133	Before	Interior Girder 2	42.3833	0.95	1	1	14.726498
Type 3-3_str	BOBJ1	88.0133	Before	Interior Girder 3	42.3833	0.95	1	1	13.183093
Type 3-3_str	BOBJ1	88.0133	Before	Interior Girder 4	42.3833	0.95	1	1	13.183093
Type 3-3_str	BOBJ1	88.0133	Before	Interior Girder 5	42.3833	0.95	1	1	14.726498
Type 3-3_str	BOBJ1	88.0133	Before	Interior Girder 6	42.3833	0.95	1	1	15.961937
Type 3-3_str	BOBJ1	88.0133	Before	Right Exterior Girder	42.3833	0.95	1	1	24.567712
Type 3-3_str	BOBJ1	88.0133	After	Left Exterior Girder	42.3833	0.95	1	1	19.059511
Type 3-3_str	BOBJ1	88.0133	After	Interior Girder 1	42.3833	0.95	1	1	11.264686
Type 3-3_str	BOBJ1	88.0133	After	Interior Girder 2	42.3833	0.95	1	1	10.455679
Type 3-3_str	BOBJ1	88.0133	After	Interior Girder 3	42.3833	0.95	1	1	9.039084

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Approach, Span 16-19									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Type 3-3_str	BOBJ1	88.0133	After	Interior Girder 4	42.3833	0.95	1	1	9.039084
Type 3-3_str	BOBJ1	88.0133	After	Interior Girder 5	42.3833	0.95	1	1	10.455679
Type 3-3_str	BOBJ1	88.0133	After	Interior Girder 6	42.3833	0.95	1	1	11.264686
Type 3-3_str	BOBJ1	88.0133	After	Right Exterior Girder	42.3833	0.95	1	1	19.059511
Type 3-3_str	BOBJ1	94.18	Before	Left Exterior Girder	48.55	0.95	1	1	18.815073
Type 3-3_str	BOBJ1	94.18	Before	Interior Girder 1	48.55	0.95	1	1	11.066242
Type 3-3_str	BOBJ1	94.18	Before	Interior Girder 2	48.55	0.95	1	1	10.271695
Type 3-3_str	BOBJ1	94.18	Before	Interior Girder 3	48.55	0.95	1	1	8.880146
Type 3-3_str	BOBJ1	94.18	Before	Interior Girder 4	48.55	0.95	1	1	8.880146
Type 3-3_str	BOBJ1	94.18	Before	Interior Girder 5	48.55	0.95	1	1	10.271695
Type 3-3_str	BOBJ1	94.18	Before	Interior Girder 6	48.55	0.95	1	1	11.066242
Type 3-3_str	BOBJ1	94.18	Before	Right Exterior Girder	48.55	0.95	1	1	18.815073
Type 3-3_str	BOBJ1	94.18	After	Left Exterior Girder	48.55	0.95	1	1	11.074423
Type 3-3_str	BOBJ1	94.18	After	Interior Girder 1	48.55	0.95	1	1	11.073364
Type 3-3_str	BOBJ1	94.18	After	Interior Girder 2	48.55	0.95	1	1	10.199261
Type 3-3_str	BOBJ1	94.18	After	Interior Girder 3	48.55	0.95	1	1	9.521427
Type 3-3_str	BOBJ1	94.18	After	Interior Girder 4	48.55	0.95	1	1	9.521427
Type 3-3_str	BOBJ1	94.18	After	Interior Girder 5	48.55	0.95	1	1	10.199261
Type 3-3_str	BOBJ1	94.18	After	Interior Girder 6	48.55	0.95	1	1	11.073364
Type 3-3_str	BOBJ1	94.18	After	Right Exterior Girder	48.55	0.95	1	1	11.074423
Type 3-3_str	BOBJ1	100.3567	Before	Left Exterior Girder	54.7267	0.95	1	1	10.926845
Type 3-3_str	BOBJ1	100.3567	Before	Interior Girder 1	54.7267	0.95	1	1	10.872125
Type 3-3_str	BOBJ1	100.3567	Before	Interior Girder 2	54.7267	0.95	1	1	10.015837
Type 3-3_str	BOBJ1	100.3567	Before	Interior Girder 3	54.7267	0.95	1	1	9.34835
Type 3-3_str	BOBJ1	100.3567	Before	Interior Girder 4	54.7267	0.95	1	1	9.34835
Type 3-3_str	BOBJ1	100.3567	Before	Interior Girder 5	54.7267	0.95	1	1	10.015837
Type 3-3_str	BOBJ1	100.3567	Before	Interior Girder 6	54.7267	0.95	1	1	10.872125
Type 3-3_str	BOBJ1	100.3567	Before	Right Exterior Girder	54.7267	0.95	1	1	10.926845
Type 3-3_str	BOBJ1	100.3567	After	Left Exterior Girder	54.7267	0.95	1	1	9.377892
Type 3-3_str	BOBJ1	100.3567	After	Interior Girder 1	54.7267	0.95	1	1	8.200551
Type 3-3_str	BOBJ1	100.3567	After	Interior Girder 2	54.7267	0.95	1	1	7.665454
Type 3-3_str	BOBJ1	100.3567	After	Interior Girder 3	54.7267	0.95	1	1	6.978046
Type 3-3_str	BOBJ1	100.3567	After	Interior Girder 4	54.7267	0.95	1	1	6.978046
Type 3-3_str	BOBJ1	100.3567	After	Interior Girder 5	54.7267	0.95	1	1	7.665454
Type 3-3_str	BOBJ1	100.3567	After	Interior Girder 6	54.7267	0.95	1	1	8.200551
Type 3-3_str	BOBJ1	100.3567	After	Right Exterior Girder	54.7267	0.95	1	1	9.377892
Type 3-3_str	BOBJ1	106.5333	Before	Left Exterior Girder	60.9033	0.95	1	1	9.247617
Type 3-3_str	BOBJ1	106.5333	Before	Interior Girder 1	60.9033	0.95	1	1	8.048039
Type 3-3_str	BOBJ1	106.5333	Before	Interior Girder 2	60.9033	0.95	1	1	7.524191
Type 3-3_str	BOBJ1	106.5333	Before	Interior Girder 3	60.9033	0.95	1	1	6.847772
Type 3-3_str	BOBJ1	106.5333	Before	Interior Girder 4	60.9033	0.95	1	1	6.847772
Type 3-3_str	BOBJ1	106.5333	Before	Interior Girder 5	60.9033	0.95	1	1	7.524191
Type 3-3_str	BOBJ1	106.5333	Before	Interior Girder 6	60.9033	0.95	1	1	8.048039
Type 3-3_str	BOBJ1	106.5333	Before	Right Exterior Girder	60.9033	0.95	1	1	9.247617
Type 3-3_str	BOBJ1	106.5333	After	Left Exterior Girder	60.9033	0.95	1	1	7.293552
Type 3-3_str	BOBJ1	106.5333	After	Interior Girder 1	60.9033	0.95	1	1	6.72179
Type 3-3_str	BOBJ1	106.5333	After	Interior Girder 2	60.9033	0.95	1	1	5.890937
Type 3-3_str	BOBJ1	106.5333	After	Interior Girder 3	60.9033	0.95	1	1	5.01515
Type 3-3_str	BOBJ1	106.5333	After	Interior Girder 4	60.9033	0.95	1	1	5.01515
Type 3-3_str	BOBJ1	106.5333	After	Interior Girder 5	60.9033	0.95	1	1	5.890937
Type 3-3_str	BOBJ1	106.5333	After	Interior Girder 6	60.9033	0.95	1	1	6.72179
Type 3-3_str	BOBJ1	106.5333	After	Right Exterior Girder	60.9033	0.95	1	1	7.293552
Type 3-3_str	BOBJ1	108.2102	Before	Left Exterior Girder	62.5802	0.95	1	1	7.264345
Type 3-3_str	BOBJ1	108.2102	Before	Right Exterior Girder	62.5802	0.95	1	1	7.264345
Type 3-3_str	BOBJ1	108.2102	After	Left Exterior Girder	62.5802	0.95	1	1	7.957113
Type 3-3_str	BOBJ1	108.2102	After	Right Exterior Girder	62.5802	0.95	1	1	7.957113
Type 3-3_str	BOBJ1	112.71	Before	Left Exterior Girder	67.08	0.95	1	1	7.867408
Type 3-3_str	BOBJ1	112.71	Before	Interior Girder 1	67.08	0.95	1	1	6.068213
Type 3-3_str	BOBJ1	112.71	Before	Interior Girder 2	67.08	0.95	1	1	5.779784
Type 3-3_str	BOBJ1	112.71	Before	Interior Girder 3	67.08	0.95	1	1	4.91881
Type 3-3_str	BOBJ1	112.71	Before	Interior Girder 4	67.08	0.95	1	1	4.91881
Type 3-3_str	BOBJ1	112.71	Before	Interior Girder 5	67.08	0.95	1	1	5.779784
Type 3-3_str	BOBJ1	112.71	Before	Interior Girder 6	67.08	0.95	1	1	6.068213
Type 3-3_str	BOBJ1	112.71	Before	Right Exterior Girder	67.08	0.95	1	1	7.867408
Type 3-3_str	BOBJ1	112.71	After	Left Exterior Girder	0	0.95	1	1	9.701112

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Approach, Span 16-19									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Type 3-3_str	BOBJ1	112.71	After	Interior Girder 1	0	0.95	1	1	6.903233
Type 3-3_str	BOBJ1	112.71	After	Interior Girder 2	0	0.95	1	1	6.469543
Type 3-3_str	BOBJ1	112.71	After	Interior Girder 3	0	0.95	1	1	5.377208
Type 3-3_str	BOBJ1	112.71	After	Interior Girder 4	0	0.95	1	1	5.377208
Type 3-3_str	BOBJ1	112.71	After	Interior Girder 5	0	0.95	1	1	6.469543
Type 3-3_str	BOBJ1	112.71	After	Interior Girder 6	0	0.95	1	1	6.903233
Type 3-3_str	BOBJ1	112.71	After	Right Exterior Girder	0	0.95	1	1	9.701112
Type 3-3_str	BOBJ1	117.21	Before	Left Exterior Girder	4.5	0.95	1	1	9.808539
Type 3-3_str	BOBJ1	117.21	Before	Right Exterior Girder	4.5	0.95	1	1	9.808539
Type 3-3_str	BOBJ1	117.21	After	Left Exterior Girder	4.5	0.95	1	1	9.493958
Type 3-3_str	BOBJ1	117.21	After	Right Exterior Girder	4.5	0.95	1	1	9.493958
Type 3-3_str	BOBJ1	119.1	Before	Left Exterior Girder	6.39	0.95	1	1	9.535381
Type 3-3_str	BOBJ1	119.1	Before	Interior Girder 1	6.39	0.95	1	1	7.369262
Type 3-3_str	BOBJ1	119.1	Before	Interior Girder 2	6.39	0.95	1	1	6.595359
Type 3-3_str	BOBJ1	119.1	Before	Interior Girder 3	6.39	0.95	1	1	5.483788
Type 3-3_str	BOBJ1	119.1	Before	Interior Girder 4	6.39	0.95	1	1	5.483788
Type 3-3_str	BOBJ1	119.1	Before	Interior Girder 5	6.39	0.95	1	1	6.595359
Type 3-3_str	BOBJ1	119.1	Before	Interior Girder 6	6.39	0.95	1	1	7.369262
Type 3-3_str	BOBJ1	119.1	Before	Right Exterior Girder	6.39	0.95	1	1	9.535381
Type 3-3_str	BOBJ1	119.1	After	Left Exterior Girder	6.39	0.95	1	1	12.155902
Type 3-3_str	BOBJ1	119.1	After	Interior Girder 1	6.39	0.95	1	1	9.525845
Type 3-3_str	BOBJ1	119.1	After	Interior Girder 2	6.39	0.95	1	1	8.756151
Type 3-3_str	BOBJ1	119.1	After	Interior Girder 3	6.39	0.95	1	1	7.872576
Type 3-3_str	BOBJ1	119.1	After	Interior Girder 4	6.39	0.95	1	1	7.872576
Type 3-3_str	BOBJ1	119.1	After	Interior Girder 5	6.39	0.95	1	1	8.756151
Type 3-3_str	BOBJ1	119.1	After	Interior Girder 6	6.39	0.95	1	1	9.525845
Type 3-3_str	BOBJ1	119.1	After	Right Exterior Girder	6.39	0.95	1	1	12.155902
Type 3-3_str	BOBJ1	125.49	Before	Left Exterior Girder	12.78	0.95	1	1	12.327847
Type 3-3_str	BOBJ1	125.49	Before	Interior Girder 1	12.78	0.95	1	1	9.707921
Type 3-3_str	BOBJ1	125.49	Before	Interior Girder 2	12.78	0.95	1	1	8.922344
Type 3-3_str	BOBJ1	125.49	Before	Interior Girder 3	12.78	0.95	1	1	8.024101
Type 3-3_str	BOBJ1	125.49	Before	Interior Girder 4	12.78	0.95	1	1	8.024101
Type 3-3_str	BOBJ1	125.49	Before	Interior Girder 5	12.78	0.95	1	1	8.922344
Type 3-3_str	BOBJ1	125.49	Before	Interior Girder 6	12.78	0.95	1	1	9.707921
Type 3-3_str	BOBJ1	125.49	Before	Right Exterior Girder	12.78	0.95	1	1	12.327847
Type 3-3_str	BOBJ1	125.49	After	Left Exterior Girder	12.78	0.95	1	1	15.273256
Type 3-3_str	BOBJ1	125.49	After	Interior Girder 1	12.78	0.95	1	1	13.829755
Type 3-3_str	BOBJ1	125.49	After	Interior Girder 2	12.78	0.95	1	1	12.364837
Type 3-3_str	BOBJ1	125.49	After	Interior Girder 3	12.78	0.95	1	1	11.081136
Type 3-3_str	BOBJ1	125.49	After	Interior Girder 4	12.78	0.95	1	1	11.081136
Type 3-3_str	BOBJ1	125.49	After	Interior Girder 5	12.78	0.95	1	1	12.364837
Type 3-3_str	BOBJ1	125.49	After	Interior Girder 6	12.78	0.95	1	1	13.829755
Type 3-3_str	BOBJ1	125.49	After	Right Exterior Girder	12.78	0.95	1	1	15.273256
Type 3-3_str	BOBJ1	131.88	Before	Left Exterior Girder	19.17	0.95	1	1	15.480317
Type 3-3_str	BOBJ1	131.88	Before	Interior Girder 1	19.17	0.95	1	1	14.087886
Type 3-3_str	BOBJ1	131.88	Before	Interior Girder 2	19.17	0.95	1	1	12.593708
Type 3-3_str	BOBJ1	131.88	Before	Interior Girder 3	19.17	0.95	1	1	11.288661
Type 3-3_str	BOBJ1	131.88	Before	Interior Girder 4	19.17	0.95	1	1	11.288661
Type 3-3_str	BOBJ1	131.88	Before	Interior Girder 5	19.17	0.95	1	1	12.593708
Type 3-3_str	BOBJ1	131.88	Before	Interior Girder 6	19.17	0.95	1	1	14.087886
Type 3-3_str	BOBJ1	131.88	Before	Right Exterior Girder	19.17	0.95	1	1	15.480317
Type 3-3_str	BOBJ1	131.88	After	Left Exterior Girder	19.17	0.95	1	1	28.445162
Type 3-3_str	BOBJ1	131.88	After	Interior Girder 1	19.17	0.95	1	1	13.829342
Type 3-3_str	BOBJ1	131.88	After	Interior Girder 2	19.17	0.95	1	1	12.374053
Type 3-3_str	BOBJ1	131.88	After	Interior Girder 3	19.17	0.95	1	1	10.489848
Type 3-3_str	BOBJ1	131.88	After	Interior Girder 4	19.17	0.95	1	1	10.489848
Type 3-3_str	BOBJ1	131.88	After	Interior Girder 5	19.17	0.95	1	1	12.374053
Type 3-3_str	BOBJ1	131.88	After	Interior Girder 6	19.17	0.95	1	1	13.829342
Type 3-3_str	BOBJ1	131.88	After	Right Exterior Girder	19.17	0.95	1	1	28.445162
Type 3-3_str	BOBJ1	138.27	Before	Left Exterior Girder	25.56	0.95	1	1	28.815907
Type 3-3_str	BOBJ1	138.27	Before	Interior Girder 1	25.56	0.95	1	1	14.07979
Type 3-3_str	BOBJ1	138.27	Before	Interior Girder 2	25.56	0.95	1	1	12.598574
Type 3-3_str	BOBJ1	138.27	Before	Interior Girder 3	25.56	0.95	1	1	10.68023
Type 3-3_str	BOBJ1	138.27	Before	Interior Girder 4	25.56	0.95	1	1	10.68023
Type 3-3_str	BOBJ1	138.27	Before	Interior Girder 5	25.56	0.95	1	1	12.598574

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Approach, Span 16-19									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Type 3-3_str	BOBJ1	138.27	Before	Interior Girder 6	25.56	0.95	1	1	14.07979
Type 3-3_str	BOBJ1	138.27	Before	Right Exterior Girder	25.56	0.95	1	1	28.815907
Type 3-3_str	BOBJ1	138.27	After	Left Exterior Girder	25.56	0.95	1	1	36.387679
Type 3-3_str	BOBJ1	138.27	After	Interior Girder 1	25.56	0.95	1	1	20.845888
Type 3-3_str	BOBJ1	138.27	After	Interior Girder 2	25.56	0.95	1	1	18.800763
Type 3-3_str	BOBJ1	138.27	After	Interior Girder 3	25.56	0.95	1	1	16.165456
Type 3-3_str	BOBJ1	138.27	After	Interior Girder 4	25.56	0.95	1	1	16.165456
Type 3-3_str	BOBJ1	138.27	After	Interior Girder 5	25.56	0.95	1	1	18.800763
Type 3-3_str	BOBJ1	138.27	After	Interior Girder 6	25.56	0.95	1	1	20.845888
Type 3-3_str	BOBJ1	138.27	After	Right Exterior Girder	25.56	0.95	1	1	36.387679
Type 3-3_str	BOBJ1	144.66	Before	Left Exterior Girder	31.95	0.95	1	1	35.934402
Type 3-3_str	BOBJ1	144.66	Before	Interior Girder 1	31.95	0.95	1	1	20.482757
Type 3-3_str	BOBJ1	144.66	Before	Interior Girder 2	31.95	0.95	1	1	18.473367
Type 3-3_str	BOBJ1	144.66	Before	Interior Girder 3	31.95	0.95	1	1	15.883972
Type 3-3_str	BOBJ1	144.66	Before	Interior Girder 4	31.95	0.95	1	1	15.883972
Type 3-3_str	BOBJ1	144.66	Before	Interior Girder 5	31.95	0.95	1	1	18.473367
Type 3-3_str	BOBJ1	144.66	Before	Interior Girder 6	31.95	0.95	1	1	20.482757
Type 3-3_str	BOBJ1	144.66	Before	Right Exterior Girder	31.95	0.95	1	1	35.934402
Type 3-3_str	BOBJ1	144.66	After	Left Exterior Girder	31.95	0.95	1	1	27.178561
Type 3-3_str	BOBJ1	144.66	After	Interior Girder 1	31.95	0.95	1	1	13.681292
Type 3-3_str	BOBJ1	144.66	After	Interior Girder 2	31.95	0.95	1	1	12.251038
Type 3-3_str	BOBJ1	144.66	After	Interior Girder 3	31.95	0.95	1	1	10.413681
Type 3-3_str	BOBJ1	144.66	After	Interior Girder 4	31.95	0.95	1	1	10.413681
Type 3-3_str	BOBJ1	144.66	After	Interior Girder 5	31.95	0.95	1	1	12.251038
Type 3-3_str	BOBJ1	144.66	After	Interior Girder 6	31.95	0.95	1	1	13.681292
Type 3-3_str	BOBJ1	144.66	After	Right Exterior Girder	31.95	0.95	1	1	27.178561
Type 3-3_str	BOBJ1	151.05	Before	Left Exterior Girder	38.34	0.95	1	1	26.826773
Type 3-3_str	BOBJ1	151.05	Before	Interior Girder 1	38.34	0.95	1	1	13.437472
Type 3-3_str	BOBJ1	151.05	Before	Interior Girder 2	38.34	0.95	1	1	12.032438
Type 3-3_str	BOBJ1	151.05	Before	Interior Girder 3	38.34	0.95	1	1	10.227836
Type 3-3_str	BOBJ1	151.05	Before	Interior Girder 4	38.34	0.95	1	1	10.227836
Type 3-3_str	BOBJ1	151.05	Before	Interior Girder 5	38.34	0.95	1	1	12.032438
Type 3-3_str	BOBJ1	151.05	Before	Interior Girder 6	38.34	0.95	1	1	13.437472
Type 3-3_str	BOBJ1	151.05	Before	Right Exterior Girder	38.34	0.95	1	1	26.826773
Type 3-3_str	BOBJ1	151.05	After	Left Exterior Girder	38.34	0.95	1	1	14.57939
Type 3-3_str	BOBJ1	151.05	After	Interior Girder 1	38.34	0.95	1	1	13.553355
Type 3-3_str	BOBJ1	151.05	After	Interior Girder 2	38.34	0.95	1	1	12.16348
Type 3-3_str	BOBJ1	151.05	After	Interior Girder 3	38.34	0.95	1	1	10.886828
Type 3-3_str	BOBJ1	151.05	After	Interior Girder 4	38.34	0.95	1	1	10.886828
Type 3-3_str	BOBJ1	151.05	After	Interior Girder 5	38.34	0.95	1	1	12.16348
Type 3-3_str	BOBJ1	151.05	After	Interior Girder 6	38.34	0.95	1	1	13.553355
Type 3-3_str	BOBJ1	151.05	After	Right Exterior Girder	38.34	0.95	1	1	14.57939
Type 3-3_str	BOBJ1	157.4367	Before	Left Exterior Girder	44.7267	0.95	1	1	14.383056
Type 3-3_str	BOBJ1	157.4367	Before	Interior Girder 1	44.7267	0.95	1	1	13.304945
Type 3-3_str	BOBJ1	157.4367	Before	Interior Girder 2	44.7267	0.95	1	1	11.942421
Type 3-3_str	BOBJ1	157.4367	Before	Interior Girder 3	44.7267	0.95	1	1	10.686386
Type 3-3_str	BOBJ1	157.4367	Before	Interior Girder 4	44.7267	0.95	1	1	10.686386
Type 3-3_str	BOBJ1	157.4367	Before	Interior Girder 5	44.7267	0.95	1	1	11.942421
Type 3-3_str	BOBJ1	157.4367	Before	Interior Girder 6	44.7267	0.95	1	1	13.304945
Type 3-3_str	BOBJ1	157.4367	Before	Right Exterior Girder	44.7267	0.95	1	1	14.383056
Type 3-3_str	BOBJ1	157.4367	After	Left Exterior Girder	44.7267	0.95	1	1	11.528296
Type 3-3_str	BOBJ1	157.4367	After	Interior Girder 1	44.7267	0.95	1	1	9.538646
Type 3-3_str	BOBJ1	157.4367	After	Interior Girder 2	44.7267	0.95	1	1	8.611701
Type 3-3_str	BOBJ1	157.4367	After	Interior Girder 3	44.7267	0.95	1	1	7.409803
Type 3-3_str	BOBJ1	157.4367	After	Interior Girder 4	44.7267	0.95	1	1	7.409803
Type 3-3_str	BOBJ1	157.4367	After	Interior Girder 5	44.7267	0.95	1	1	8.611701
Type 3-3_str	BOBJ1	157.4367	After	Interior Girder 6	44.7267	0.95	1	1	9.538646
Type 3-3_str	BOBJ1	157.4367	After	Right Exterior Girder	44.7267	0.95	1	1	11.528296
Type 3-3_str	BOBJ1	158.71	Before	Left Exterior Girder	46	0.95	1	1	11.49622
Type 3-3_str	BOBJ1	158.71	Before	Interior Girder 1	46	0.95	1	1	9.503184
Type 3-3_str	BOBJ1	158.71	Before	Interior Girder 2	46	0.95	1	1	8.579857
Type 3-3_str	BOBJ1	158.71	Before	Interior Girder 3	46	0.95	1	1	7.381924
Type 3-3_str	BOBJ1	158.71	Before	Interior Girder 4	46	0.95	1	1	7.381924
Type 3-3_str	BOBJ1	158.71	Before	Interior Girder 5	46	0.95	1	1	8.579857
Type 3-3_str	BOBJ1	158.71	Before	Interior Girder 6	46	0.95	1	1	9.503184

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Approach, Span 16-19									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Type 3-3_str	BOBJ1	158.71	Before	Right Exterior Girder	46	0.95	1	1	11.49622
Type 3-3_str	BOBJ1	158.71	After	Left Exterior Girder	46	0.95	1	1	14.199239
Type 3-3_str	BOBJ1	158.71	After	Interior Girder 1	46	0.95	1	1	10.282621
Type 3-3_str	BOBJ1	158.71	After	Interior Girder 2	46	0.95	1	1	9.506907
Type 3-3_str	BOBJ1	158.71	After	Interior Girder 3	46	0.95	1	1	8.334559
Type 3-3_str	BOBJ1	158.71	After	Interior Girder 4	46	0.95	1	1	8.334559
Type 3-3_str	BOBJ1	158.71	After	Interior Girder 5	46	0.95	1	1	9.506907
Type 3-3_str	BOBJ1	158.71	After	Interior Girder 6	46	0.95	1	1	10.282621
Type 3-3_str	BOBJ1	158.71	After	Right Exterior Girder	46	0.95	1	1	14.199239
Type 3-3_str	BOBJ1	163.8233	Before	Left Exterior Girder	51.1133	0.95	1	1	14.061838
Type 3-3_str	BOBJ1	163.8233	Before	Interior Girder 1	51.1133	0.95	1	1	10.14532
Type 3-3_str	BOBJ1	163.8233	Before	Interior Girder 2	51.1133	0.95	1	1	9.380718
Type 3-3_str	BOBJ1	163.8233	Before	Interior Girder 3	51.1133	0.95	1	1	8.222405
Type 3-3_str	BOBJ1	163.8233	Before	Interior Girder 4	51.1133	0.95	1	1	8.222405
Type 3-3_str	BOBJ1	163.8233	Before	Interior Girder 5	51.1133	0.95	1	1	9.380718
Type 3-3_str	BOBJ1	163.8233	Before	Interior Girder 6	51.1133	0.95	1	1	10.14532
Type 3-3_str	BOBJ1	163.8233	Before	Right Exterior Girder	51.1133	0.95	1	1	14.061838
Type 3-3_str	BOBJ1	163.8233	After	Left Exterior Girder	51.1133	0.95	1	1	10.510793
Type 3-3_str	BOBJ1	163.8233	After	Interior Girder 1	51.1133	0.95	1	1	8.920812
Type 3-3_str	BOBJ1	163.8233	After	Interior Girder 2	51.1133	0.95	1	1	7.575756
Type 3-3_str	BOBJ1	163.8233	After	Interior Girder 3	51.1133	0.95	1	1	6.281387
Type 3-3_str	BOBJ1	163.8233	After	Interior Girder 4	51.1133	0.95	1	1	6.281387
Type 3-3_str	BOBJ1	163.8233	After	Interior Girder 5	51.1133	0.95	1	1	7.575756
Type 3-3_str	BOBJ1	163.8233	After	Interior Girder 6	51.1133	0.95	1	1	8.920812
Type 3-3_str	BOBJ1	163.8233	After	Right Exterior Girder	51.1133	0.95	1	1	10.510793
Type 3-3_str	BOBJ1	164.71	Before	Left Exterior Girder	52	0.95	1	1	10.49242
Type 3-3_str	BOBJ1	164.71	Before	Right Exterior Girder	52	0.95	1	1	10.49242
Type 3-3_str	BOBJ1	164.71	After	Left Exterior Girder	52	0.95	1	1	11.974323
Type 3-3_str	BOBJ1	164.71	After	Right Exterior Girder	52	0.95	1	1	11.974323
Type 3-3_str	BOBJ1	170.21	Before	Left Exterior Girder	57.5	0.95	1	1	11.834126
Type 3-3_str	BOBJ1	170.21	Before	Interior Girder 1	57.5	0.95	1	1	7.947341
Type 3-3_str	BOBJ1	170.21	Before	Interior Girder 2	57.5	0.95	1	1	7.448006
Type 3-3_str	BOBJ1	170.21	Before	Interior Girder 3	57.5	0.95	1	1	6.173552
Type 3-3_str	BOBJ1	170.21	Before	Interior Girder 4	57.5	0.95	1	1	6.173552
Type 3-3_str	BOBJ1	170.21	Before	Interior Girder 5	57.5	0.95	1	1	7.448006
Type 3-3_str	BOBJ1	170.21	Before	Interior Girder 6	57.5	0.95	1	1	7.947341
Type 3-3_str	BOBJ1	170.21	Before	Right Exterior Girder	57.5	0.95	1	1	11.834126
Type 3-3_str	BOBJ1	170.21	After	Left Exterior Girder	0	0.95	1	1	10.259874
Type 3-3_str	BOBJ1	170.21	After	Interior Girder 1	0	0.95	1	1	7.185102
Type 3-3_str	BOBJ1	170.21	After	Interior Girder 2	0	0.95	1	1	6.770853
Type 3-3_str	BOBJ1	170.21	After	Interior Girder 3	0	0.95	1	1	5.709883
Type 3-3_str	BOBJ1	170.21	After	Interior Girder 4	0	0.95	1	1	5.709883
Type 3-3_str	BOBJ1	170.21	After	Interior Girder 5	0	0.95	1	1	6.770853
Type 3-3_str	BOBJ1	170.21	After	Interior Girder 6	0	0.95	1	1	7.185102
Type 3-3_str	BOBJ1	170.21	After	Right Exterior Girder	0	0.95	1	1	10.259874
Type 3-3_str	BOBJ1	176.21	Before	Left Exterior Girder	6	0.95	1	1	10.396543
Type 3-3_str	BOBJ1	176.21	Before	Right Exterior Girder	6	0.95	1	1	10.396543
Type 3-3_str	BOBJ1	176.21	After	Left Exterior Girder	6	0.95	1	1	7.200436
Type 3-3_str	BOBJ1	176.21	After	Right Exterior Girder	6	0.95	1	1	7.200436
Type 3-3_str	BOBJ1	176.6	Before	Left Exterior Girder	6.39	0.95	1	1	7.206422
Type 3-3_str	BOBJ1	176.6	Before	Interior Girder 1	6.39	0.95	1	1	9.710007
Type 3-3_str	BOBJ1	176.6	Before	Interior Girder 2	6.39	0.95	1	1	6.88994
Type 3-3_str	BOBJ1	176.6	Before	Interior Girder 3	6.39	0.95	1	1	5.812098
Type 3-3_str	BOBJ1	176.6	Before	Interior Girder 4	6.39	0.95	1	1	5.812098
Type 3-3_str	BOBJ1	176.6	Before	Interior Girder 5	6.39	0.95	1	1	6.88994
Type 3-3_str	BOBJ1	176.6	Before	Interior Girder 6	6.39	0.95	1	1	9.710007
Type 3-3_str	BOBJ1	176.6	Before	Right Exterior Girder	6.39	0.95	1	1	7.206422
Type 3-3_str	BOBJ1	176.6	After	Left Exterior Girder	6.39	0.95	1	1	11.954155
Type 3-3_str	BOBJ1	176.6	After	Interior Girder 1	6.39	0.95	1	1	9.600013
Type 3-3_str	BOBJ1	176.6	After	Interior Girder 2	6.39	0.95	1	1	8.820171
Type 3-3_str	BOBJ1	176.6	After	Interior Girder 3	6.39	0.95	1	1	7.989904
Type 3-3_str	BOBJ1	176.6	After	Interior Girder 4	6.39	0.95	1	1	7.989904
Type 3-3_str	BOBJ1	176.6	After	Interior Girder 5	6.39	0.95	1	1	8.820171
Type 3-3_str	BOBJ1	176.6	After	Interior Girder 6	6.39	0.95	1	1	9.600013
Type 3-3_str	BOBJ1	176.6	After	Right Exterior Girder	6.39	0.95	1	1	11.954155

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Approach, Span 16-19									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Type 3-3_str	BOBJ1	182.99	Before	Left Exterior Girder	12.78	0.95	1	1	12.104163
Type 3-3_str	BOBJ1	182.99	Before	Interior Girder 1	12.78	0.95	1	1	9.766553
Type 3-3_str	BOBJ1	182.99	Before	Interior Girder 2	12.78	0.95	1	1	8.97198
Type 3-3_str	BOBJ1	182.99	Before	Interior Girder 3	12.78	0.95	1	1	8.129206
Type 3-3_str	BOBJ1	182.99	Before	Interior Girder 4	12.78	0.95	1	1	8.129206
Type 3-3_str	BOBJ1	182.99	Before	Interior Girder 5	12.78	0.95	1	1	8.97198
Type 3-3_str	BOBJ1	182.99	Before	Interior Girder 6	12.78	0.95	1	1	9.766553
Type 3-3_str	BOBJ1	182.99	Before	Right Exterior Girder	12.78	0.95	1	1	12.104163
Type 3-3_str	BOBJ1	182.99	After	Left Exterior Girder	12.78	0.95	1	1	14.631371
Type 3-3_str	BOBJ1	182.99	After	Interior Girder 1	12.78	0.95	1	1	13.447935
Type 3-3_str	BOBJ1	182.99	After	Interior Girder 2	12.78	0.95	1	1	12.086184
Type 3-3_str	BOBJ1	182.99	After	Interior Girder 3	12.78	0.95	1	1	11.132722
Type 3-3_str	BOBJ1	182.99	After	Interior Girder 4	12.78	0.95	1	1	11.132722
Type 3-3_str	BOBJ1	182.99	After	Interior Girder 5	12.78	0.95	1	1	12.086184
Type 3-3_str	BOBJ1	182.99	After	Interior Girder 6	12.78	0.95	1	1	13.447935
Type 3-3_str	BOBJ1	182.99	After	Right Exterior Girder	12.78	0.95	1	1	14.631371
Type 3-3_str	BOBJ1	189.38	Before	Left Exterior Girder	19.17	0.95	1	1	14.808454
Type 3-3_str	BOBJ1	189.38	Before	Interior Girder 1	19.17	0.95	1	1	13.676324
Type 3-3_str	BOBJ1	189.38	Before	Interior Girder 2	19.17	0.95	1	1	12.289581
Type 3-3_str	BOBJ1	189.38	Before	Interior Girder 3	19.17	0.95	1	1	11.322076
Type 3-3_str	BOBJ1	189.38	Before	Interior Girder 4	19.17	0.95	1	1	11.322076
Type 3-3_str	BOBJ1	189.38	Before	Interior Girder 5	19.17	0.95	1	1	12.289581
Type 3-3_str	BOBJ1	189.38	Before	Interior Girder 6	19.17	0.95	1	1	13.676324
Type 3-3_str	BOBJ1	189.38	Before	Right Exterior Girder	19.17	0.95	1	1	14.808454
Type 3-3_str	BOBJ1	189.38	After	Left Exterior Girder	19.17	0.95	1	1	25.460114
Type 3-3_str	BOBJ1	189.38	After	Interior Girder 1	19.17	0.95	1	1	13.424594
Type 3-3_str	BOBJ1	189.38	After	Interior Girder 2	19.17	0.95	1	1	12.187139
Type 3-3_str	BOBJ1	189.38	After	Interior Girder 3	19.17	0.95	1	1	10.453566
Type 3-3_str	BOBJ1	189.38	After	Interior Girder 4	19.17	0.95	1	1	10.453566
Type 3-3_str	BOBJ1	189.38	After	Interior Girder 5	19.17	0.95	1	1	12.187139
Type 3-3_str	BOBJ1	189.38	After	Interior Girder 6	19.17	0.95	1	1	13.424594
Type 3-3_str	BOBJ1	189.38	After	Right Exterior Girder	19.17	0.95	1	1	25.460114
Type 3-3_str	BOBJ1	195.77	Before	Left Exterior Girder	25.56	0.95	1	1	25.758321
Type 3-3_str	BOBJ1	195.77	Before	Interior Girder 1	25.56	0.95	1	1	13.646664
Type 3-3_str	BOBJ1	195.77	Before	Interior Girder 2	25.56	0.95	1	1	12.388493
Type 3-3_str	BOBJ1	195.77	Before	Interior Girder 3	25.56	0.95	1	1	10.626194
Type 3-3_str	BOBJ1	195.77	Before	Interior Girder 4	25.56	0.95	1	1	10.626194
Type 3-3_str	BOBJ1	195.77	Before	Interior Girder 5	25.56	0.95	1	1	12.388493
Type 3-3_str	BOBJ1	195.77	Before	Interior Girder 6	25.56	0.95	1	1	13.646664
Type 3-3_str	BOBJ1	195.77	Before	Right Exterior Girder	25.56	0.95	1	1	25.758321
Type 3-3_str	BOBJ1	195.77	After	Left Exterior Girder	25.56	0.95	1	1	33.158233
Type 3-3_str	BOBJ1	195.77	After	Interior Girder 1	25.56	0.95	1	1	19.372285
Type 3-3_str	BOBJ1	195.77	After	Interior Girder 2	25.56	0.95	1	1	17.747801
Type 3-3_str	BOBJ1	195.77	After	Interior Girder 3	25.56	0.95	1	1	15.382224
Type 3-3_str	BOBJ1	195.77	After	Interior Girder 4	25.56	0.95	1	1	15.382224
Type 3-3_str	BOBJ1	195.77	After	Interior Girder 5	25.56	0.95	1	1	17.747801
Type 3-3_str	BOBJ1	195.77	After	Interior Girder 6	25.56	0.95	1	1	19.372285
Type 3-3_str	BOBJ1	195.77	After	Right Exterior Girder	25.56	0.95	1	1	33.158233
Type 3-3_str	BOBJ1	202.16	Before	Left Exterior Girder	31.95	0.95	1	1	33.533936
Type 3-3_str	BOBJ1	202.16	Before	Interior Girder 1	31.95	0.95	1	1	19.686125
Type 3-3_str	BOBJ1	202.16	Before	Interior Girder 2	31.95	0.95	1	1	18.034499
Type 3-3_str	BOBJ1	202.16	Before	Interior Girder 3	31.95	0.95	1	1	15.630572
Type 3-3_str	BOBJ1	202.16	Before	Interior Girder 4	31.95	0.95	1	1	15.630572
Type 3-3_str	BOBJ1	202.16	Before	Interior Girder 5	31.95	0.95	1	1	18.034499
Type 3-3_str	BOBJ1	202.16	Before	Interior Girder 6	31.95	0.95	1	1	19.686125
Type 3-3_str	BOBJ1	202.16	Before	Right Exterior Girder	31.95	0.95	1	1	33.533936
Type 3-3_str	BOBJ1	202.16	After	Left Exterior Girder	31.95	0.95	1	1	45.698696
Type 3-3_str	BOBJ1	202.16	After	Interior Girder 1	31.95	0.95	1	1	18.824927
Type 3-3_str	BOBJ1	202.16	After	Interior Girder 2	31.95	0.95	1	1	16.419332
Type 3-3_str	BOBJ1	202.16	After	Interior Girder 3	31.95	0.95	1	1	13.884944
Type 3-3_str	BOBJ1	202.16	After	Interior Girder 4	31.95	0.95	1	1	13.884944
Type 3-3_str	BOBJ1	202.16	After	Interior Girder 5	31.95	0.95	1	1	16.419332
Type 3-3_str	BOBJ1	202.16	After	Interior Girder 6	31.95	0.95	1	1	18.824927
Type 3-3_str	BOBJ1	202.16	After	Right Exterior Girder	31.95	0.95	1	1	45.698696
Type 3-3_str	BOBJ1	208.55	Before	Left Exterior Girder	38.34	0.95	1	1	46.068814

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Approach, Span 16-19									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Type 3-3_str	BOBJ1	208.55	Before	Interior Girder 1	38.34	0.95	1	1	18.532333
Type 3-3_str	BOBJ1	208.55	Before	Interior Girder 2	38.34	0.95	1	1	16.16304
Type 3-3_str	BOBJ1	208.55	Before	Interior Girder 3	38.34	0.95	1	1	13.668171
Type 3-3_str	BOBJ1	208.55	Before	Interior Girder 4	38.34	0.95	1	1	13.668171
Type 3-3_str	BOBJ1	208.55	Before	Interior Girder 5	38.34	0.95	1	1	16.16304
Type 3-3_str	BOBJ1	208.55	Before	Interior Girder 6	38.34	0.95	1	1	18.532333
Type 3-3_str	BOBJ1	208.55	Before	Right Exterior Girder	38.34	0.95	1	1	46.068814
Type 3-3_str	BOBJ1	208.55	After	Left Exterior Girder	38.34	0.95	1	1	22.560807
Type 3-3_str	BOBJ1	208.55	After	Interior Girder 1	38.34	0.95	1	1	20.520769
Type 3-3_str	BOBJ1	208.55	After	Interior Girder 2	38.34	0.95	1	1	18.30298
Type 3-3_str	BOBJ1	208.55	After	Interior Girder 3	38.34	0.95	1	1	17.320496
Type 3-3_str	BOBJ1	208.55	After	Interior Girder 4	38.34	0.95	1	1	17.320496
Type 3-3_str	BOBJ1	208.55	After	Interior Girder 5	38.34	0.95	1	1	18.30298
Type 3-3_str	BOBJ1	208.55	After	Interior Girder 6	38.34	0.95	1	1	20.520769
Type 3-3_str	BOBJ1	208.55	After	Right Exterior Girder	38.34	0.95	1	1	22.560807
Type 3-3_str	BOBJ1	215.1233	Before	Left Exterior Girder	44.9133	0.95	1	1	22.301134
Type 3-3_str	BOBJ1	215.1233	Before	Interior Girder 1	44.9133	0.95	1	1	20.181942
Type 3-3_str	BOBJ1	215.1233	Before	Interior Girder 2	44.9133	0.95	1	1	18.002696
Type 3-3_str	BOBJ1	215.1233	Before	Interior Girder 3	44.9133	0.95	1	1	17.035873
Type 3-3_str	BOBJ1	215.1233	Before	Interior Girder 4	44.9133	0.95	1	1	17.035873
Type 3-3_str	BOBJ1	215.1233	Before	Interior Girder 5	44.9133	0.95	1	1	18.002696
Type 3-3_str	BOBJ1	215.1233	Before	Interior Girder 6	44.9133	0.95	1	1	20.181942
Type 3-3_str	BOBJ1	215.1233	Before	Right Exterior Girder	44.9133	0.95	1	1	22.301134
Type 3-3_str	BOBJ1	215.1233	After	Left Exterior Girder	44.9133	0.95	1	1	17.772294
Type 3-3_str	BOBJ1	215.1233	After	Interior Girder 1	44.9133	0.95	1	1	13.823117
Type 3-3_str	BOBJ1	215.1233	After	Interior Girder 2	44.9133	0.95	1	1	12.544845
Type 3-3_str	BOBJ1	215.1233	After	Interior Girder 3	44.9133	0.95	1	1	11.859314
Type 3-3_str	BOBJ1	215.1233	After	Interior Girder 4	44.9133	0.95	1	1	11.859314
Type 3-3_str	BOBJ1	215.1233	After	Interior Girder 5	44.9133	0.95	1	1	12.544845
Type 3-3_str	BOBJ1	215.1233	After	Interior Girder 6	44.9133	0.95	1	1	13.823117
Type 3-3_str	BOBJ1	215.1233	After	Right Exterior Girder	44.9133	0.95	1	1	17.772294
Type 3-3_str	BOBJ1	221.6967	Before	Left Exterior Girder	51.4867	0.95	1	1	17.560791
Type 3-3_str	BOBJ1	221.6967	Before	Interior Girder 1	51.4867	0.95	1	1	13.58987
Type 3-3_str	BOBJ1	221.6967	Before	Interior Girder 2	51.4867	0.95	1	1	12.334295
Type 3-3_str	BOBJ1	221.6967	Before	Interior Girder 3	51.4867	0.95	1	1	11.6599
Type 3-3_str	BOBJ1	221.6967	Before	Interior Girder 4	51.4867	0.95	1	1	11.6599
Type 3-3_str	BOBJ1	221.6967	Before	Interior Girder 5	51.4867	0.95	1	1	12.334295
Type 3-3_str	BOBJ1	221.6967	Before	Interior Girder 6	51.4867	0.95	1	1	13.58987
Type 3-3_str	BOBJ1	221.6967	Before	Right Exterior Girder	51.4867	0.95	1	1	17.560791
Type 3-3_str	BOBJ1	221.6967	After	Left Exterior Girder	51.4867	0.95	1	1	14.56427
Type 3-3_str	BOBJ1	221.6967	After	Interior Girder 1	51.4867	0.95	1	1	9.573167
Type 3-3_str	BOBJ1	221.6967	After	Interior Girder 2	51.4867	0.95	1	1	8.90436
Type 3-3_str	BOBJ1	221.6967	After	Interior Girder 3	51.4867	0.95	1	1	7.924156
Type 3-3_str	BOBJ1	221.6967	After	Interior Girder 4	51.4867	0.95	1	1	7.924156
Type 3-3_str	BOBJ1	221.6967	After	Interior Girder 5	51.4867	0.95	1	1	8.90436
Type 3-3_str	BOBJ1	221.6967	After	Interior Girder 6	51.4867	0.95	1	1	9.573167
Type 3-3_str	BOBJ1	221.6967	After	Right Exterior Girder	51.4867	0.95	1	1	14.56427
Type 3-3_str	BOBJ1	228.27	Before	Left Exterior Girder	58.06	0.95	1	1	14.384647
Type 3-3_str	BOBJ1	228.27	Before	Interior Girder 1	58.06	0.95	1	1	9.408204
Type 3-3_str	BOBJ1	228.27	Before	Interior Girder 2	58.06	0.95	1	1	8.751491
Type 3-3_str	BOBJ1	228.27	Before	Interior Girder 3	58.06	0.95	1	1	7.787649
Type 3-3_str	BOBJ1	228.27	Before	Interior Girder 4	58.06	0.95	1	1	7.787649
Type 3-3_str	BOBJ1	228.27	Before	Interior Girder 5	58.06	0.95	1	1	8.751491
Type 3-3_str	BOBJ1	228.27	Before	Interior Girder 6	58.06	0.95	1	1	9.408204
Type 3-3_str	BOBJ1	228.27	Before	Right Exterior Girder	58.06	0.95	1	1	14.384647
EV2_str	BOBJ1	0	After	Left Exterior Girder	0	0.95	1	1	10.857593
EV2_str	BOBJ1	0	After	Interior Girder 1	0	0.95	1	1	6.44102
EV2_str	BOBJ1	0	After	Interior Girder 2	0	0.95	1	1	5.974606
EV2_str	BOBJ1	0	After	Interior Girder 3	0	0.95	1	1	5.082144
EV2_str	BOBJ1	0	After	Interior Girder 4	0	0.95	1	1	5.082144
EV2_str	BOBJ1	0	After	Interior Girder 5	0	0.95	1	1	5.974606
EV2_str	BOBJ1	0	After	Interior Girder 6	0	0.95	1	1	6.44102
EV2_str	BOBJ1	0	After	Right Exterior Girder	0	0.95	1	1	10.857593
EV2_str	BOBJ1	5.3833	Before	Left Exterior Girder	5.3833	0.95	1	1	10.981687
EV2_str	BOBJ1	5.3833	Before	Interior Girder 1	5.3833	0.95	1	1	6.542061

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Approach, Span 16-19									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
EV2_str	BOBJ1	5.3833	Before	Interior Girder 2	5.3833	0.95	1	1	6.068023
EV2_str	BOBJ1	5.3833	Before	Interior Girder 3	5.3833	0.95	1	1	5.161993
EV2_str	BOBJ1	5.3833	Before	Interior Girder 4	5.3833	0.95	1	1	5.161993
EV2_str	BOBJ1	5.3833	Before	Interior Girder 5	5.3833	0.95	1	1	6.068023
EV2_str	BOBJ1	5.3833	Before	Interior Girder 6	5.3833	0.95	1	1	6.542061
EV2_str	BOBJ1	5.3833	Before	Right Exterior Girder	5.3833	0.95	1	1	10.981687
EV2_str	BOBJ1	5.3833	After	Left Exterior Girder	5.3833	0.95	1	1	12.883354
EV2_str	BOBJ1	5.3833	After	Interior Girder 1	5.3833	0.95	1	1	8.9312
EV2_str	BOBJ1	5.3833	After	Interior Girder 2	5.3833	0.95	1	1	8.12983
EV2_str	BOBJ1	5.3833	After	Interior Girder 3	5.3833	0.95	1	1	7.407613
EV2_str	BOBJ1	5.3833	After	Interior Girder 4	5.3833	0.95	1	1	7.407613
EV2_str	BOBJ1	5.3833	After	Interior Girder 5	5.3833	0.95	1	1	8.12983
EV2_str	BOBJ1	5.3833	After	Interior Girder 6	5.3833	0.95	1	1	8.9312
EV2_str	BOBJ1	5.3833	After	Right Exterior Girder	5.3833	0.95	1	1	12.883354
EV2_str	BOBJ1	10.7667	Before	Left Exterior Girder	10.7667	0.95	1	1	13.025596
EV2_str	BOBJ1	10.7667	Before	Interior Girder 1	10.7667	0.95	1	1	9.068635
EV2_str	BOBJ1	10.7667	Before	Interior Girder 2	10.7667	0.95	1	1	8.254272
EV2_str	BOBJ1	10.7667	Before	Interior Girder 3	10.7667	0.95	1	1	7.521468
EV2_str	BOBJ1	10.7667	Before	Interior Girder 4	10.7667	0.95	1	1	7.521468
EV2_str	BOBJ1	10.7667	Before	Interior Girder 5	10.7667	0.95	1	1	8.254272
EV2_str	BOBJ1	10.7667	Before	Interior Girder 6	10.7667	0.95	1	1	9.068635
EV2_str	BOBJ1	10.7667	Before	Right Exterior Girder	10.7667	0.95	1	1	13.025596
EV2_str	BOBJ1	10.7667	After	Left Exterior Girder	10.7667	0.95	1	1	16.134377
EV2_str	BOBJ1	10.7667	After	Interior Girder 1	10.7667	0.95	1	1	12.704774
EV2_str	BOBJ1	10.7667	After	Interior Girder 2	10.7667	0.95	1	1	11.358479
EV2_str	BOBJ1	10.7667	After	Interior Girder 3	10.7667	0.95	1	1	10.828219
EV2_str	BOBJ1	10.7667	After	Interior Girder 4	10.7667	0.95	1	1	10.828219
EV2_str	BOBJ1	10.7667	After	Interior Girder 5	10.7667	0.95	1	1	11.358479
EV2_str	BOBJ1	10.7667	After	Interior Girder 6	10.7667	0.95	1	1	12.704774
EV2_str	BOBJ1	10.7667	After	Right Exterior Girder	10.7667	0.95	1	1	16.134377
EV2_str	BOBJ1	16.15	Before	Left Exterior Girder	16.15	0.95	1	1	16.306782
EV2_str	BOBJ1	16.15	Before	Interior Girder 1	16.15	0.95	1	1	12.896443
EV2_str	BOBJ1	16.15	Before	Interior Girder 2	16.15	0.95	1	1	11.528745
EV2_str	BOBJ1	16.15	Before	Interior Girder 3	16.15	0.95	1	1	10.991148
EV2_str	BOBJ1	16.15	Before	Interior Girder 4	16.15	0.95	1	1	10.991148
EV2_str	BOBJ1	16.15	Before	Interior Girder 5	16.15	0.95	1	1	11.528745
EV2_str	BOBJ1	16.15	Before	Interior Girder 6	16.15	0.95	1	1	12.896443
EV2_str	BOBJ1	16.15	Before	Right Exterior Girder	16.15	0.95	1	1	16.306782
EV2_str	BOBJ1	16.15	After	Left Exterior Girder	16.15	0.95	1	1	28.822389
EV2_str	BOBJ1	16.15	After	Interior Girder 1	16.15	0.95	1	1	12.274238
EV2_str	BOBJ1	16.15	After	Interior Girder 2	16.15	0.95	1	1	10.63868
EV2_str	BOBJ1	16.15	After	Interior Girder 3	16.15	0.95	1	1	8.960673
EV2_str	BOBJ1	16.15	After	Interior Girder 4	16.15	0.95	1	1	8.960673
EV2_str	BOBJ1	16.15	After	Interior Girder 5	16.15	0.95	1	1	10.63868
EV2_str	BOBJ1	16.15	After	Interior Girder 6	16.15	0.95	1	1	12.274238
EV2_str	BOBJ1	16.15	After	Right Exterior Girder	16.15	0.95	1	1	28.822389
EV2_str	BOBJ1	22.1267	Before	Left Exterior Girder	22.1267	0.95	1	1	28.481067
EV2_str	BOBJ1	22.1267	Before	Interior Girder 1	22.1267	0.95	1	1	12.473601
EV2_str	BOBJ1	22.1267	Before	Interior Girder 2	22.1267	0.95	1	1	10.812434
EV2_str	BOBJ1	22.1267	Before	Interior Girder 3	22.1267	0.95	1	1	9.106949
EV2_str	BOBJ1	22.1267	Before	Interior Girder 4	22.1267	0.95	1	1	9.106949
EV2_str	BOBJ1	22.1267	Before	Interior Girder 5	22.1267	0.95	1	1	10.812434
EV2_str	BOBJ1	22.1267	Before	Interior Girder 6	22.1267	0.95	1	1	12.473601
EV2_str	BOBJ1	22.1267	Before	Right Exterior Girder	22.1267	0.95	1	1	28.481067
EV2_str	BOBJ1	22.1267	After	Left Exterior Girder	22.1267	0.95	1	1	18.628742
EV2_str	BOBJ1	22.1267	After	Interior Girder 1	22.1267	0.95	1	1	11.220684
EV2_str	BOBJ1	22.1267	After	Interior Girder 2	22.1267	0.95	1	1	10.233584
EV2_str	BOBJ1	22.1267	After	Interior Girder 3	22.1267	0.95	1	1	8.742296
EV2_str	BOBJ1	22.1267	After	Interior Girder 4	22.1267	0.95	1	1	8.742296
EV2_str	BOBJ1	22.1267	After	Interior Girder 5	22.1267	0.95	1	1	10.233584
EV2_str	BOBJ1	22.1267	After	Interior Girder 6	22.1267	0.95	1	1	11.220684
EV2_str	BOBJ1	22.1267	After	Right Exterior Girder	22.1267	0.95	1	1	18.628742
EV2_str	BOBJ1	28.1033	Before	Left Exterior Girder	28.1033	0.95	1	1	18.400002
EV2_str	BOBJ1	28.1033	Before	Interior Girder 1	28.1033	0.95	1	1	11.030277
EV2_str	BOBJ1	28.1033	Before	Interior Girder 2	28.1033	0.95	1	1	10.060674

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Approach, Span 16-19									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
EV2_str	BOBJ1	28.1033	Before	Interior Girder 3	28.1033	0.95	1	1	8.594499
EV2_str	BOBJ1	28.1033	Before	Interior Girder 4	28.1033	0.95	1	1	8.594499
EV2_str	BOBJ1	28.1033	Before	Interior Girder 5	28.1033	0.95	1	1	10.060674
EV2_str	BOBJ1	28.1033	Before	Interior Girder 6	28.1033	0.95	1	1	11.030277
EV2_str	BOBJ1	28.1033	Before	Right Exterior Girder	28.1033	0.95	1	1	18.400002
EV2_str	BOBJ1	28.1033	After	Left Exterior Girder	28.1033	0.95	1	1	13.981946
EV2_str	BOBJ1	28.1033	After	Interior Girder 1	28.1033	0.95	1	1	7.81445
EV2_str	BOBJ1	28.1033	After	Interior Girder 2	28.1033	0.95	1	1	7.07041
EV2_str	BOBJ1	28.1033	After	Interior Girder 3	28.1033	0.95	1	1	5.986171
EV2_str	BOBJ1	28.1033	After	Interior Girder 4	28.1033	0.95	1	1	5.986171
EV2_str	BOBJ1	28.1033	After	Interior Girder 5	28.1033	0.95	1	1	7.07041
EV2_str	BOBJ1	28.1033	After	Interior Girder 6	28.1033	0.95	1	1	7.81445
EV2_str	BOBJ1	28.1033	After	Right Exterior Girder	28.1033	0.95	1	1	13.981946
EV2_str	BOBJ1	34.08	Before	Left Exterior Girder	34.08	0.95	1	1	13.803592
EV2_str	BOBJ1	34.08	Before	Interior Girder 1	34.08	0.95	1	1	7.67892
EV2_str	BOBJ1	34.08	Before	Interior Girder 2	34.08	0.95	1	1	6.948125
EV2_str	BOBJ1	34.08	Before	Interior Girder 3	34.08	0.95	1	1	5.882488
EV2_str	BOBJ1	34.08	Before	Interior Girder 4	34.08	0.95	1	1	5.882488
EV2_str	BOBJ1	34.08	Before	Interior Girder 5	34.08	0.95	1	1	6.948125
EV2_str	BOBJ1	34.08	Before	Interior Girder 6	34.08	0.95	1	1	7.67892
EV2_str	BOBJ1	34.08	Before	Right Exterior Girder	34.08	0.95	1	1	13.803592
EV2_str	BOBJ1	34.08	After	Left Exterior Girder	34.08	0.95	1	1	9.240101
EV2_str	BOBJ1	34.08	After	Interior Girder 1	34.08	0.95	1	1	7.40009
EV2_str	BOBJ1	34.08	After	Interior Girder 2	34.08	0.95	1	1	6.74089
EV2_str	BOBJ1	34.08	After	Interior Girder 3	34.08	0.95	1	1	5.9836
EV2_str	BOBJ1	34.08	After	Interior Girder 4	34.08	0.95	1	1	5.9836
EV2_str	BOBJ1	34.08	After	Interior Girder 5	34.08	0.95	1	1	6.74089
EV2_str	BOBJ1	34.08	After	Interior Girder 6	34.08	0.95	1	1	7.40009
EV2_str	BOBJ1	34.08	After	Right Exterior Girder	34.08	0.95	1	1	9.240101
EV2_str	BOBJ1	39.855	Before	Left Exterior Girder	39.855	0.95	1	1	9.121115
EV2_str	BOBJ1	39.855	Before	Interior Girder 1	39.855	0.95	1	1	7.273226
EV2_str	BOBJ1	39.855	Before	Interior Girder 2	39.855	0.95	1	1	6.626669
EV2_str	BOBJ1	39.855	Before	Interior Girder 3	39.855	0.95	1	1	5.87979
EV2_str	BOBJ1	39.855	Before	Interior Girder 4	39.855	0.95	1	1	5.87979
EV2_str	BOBJ1	39.855	Before	Interior Girder 5	39.855	0.95	1	1	6.626669
EV2_str	BOBJ1	39.855	Before	Interior Girder 6	39.855	0.95	1	1	7.273226
EV2_str	BOBJ1	39.855	Before	Right Exterior Girder	39.855	0.95	1	1	9.121115
EV2_str	BOBJ1	39.855	After	Left Exterior Girder	39.855	0.95	1	1	5.457449
EV2_str	BOBJ1	39.855	After	Interior Girder 1	39.855	0.95	1	1	6.820131
EV2_str	BOBJ1	39.855	After	Interior Girder 2	39.855	0.95	1	1	5.176902
EV2_str	BOBJ1	39.855	After	Interior Girder 3	39.855	0.95	1	1	4.181582
EV2_str	BOBJ1	39.855	After	Interior Girder 4	39.855	0.95	1	1	4.181582
EV2_str	BOBJ1	39.855	After	Interior Girder 5	39.855	0.95	1	1	5.176902
EV2_str	BOBJ1	39.855	After	Interior Girder 6	39.855	0.95	1	1	6.820131
EV2_str	BOBJ1	39.855	After	Right Exterior Girder	39.855	0.95	1	1	5.457449
EV2_str	BOBJ1	40.0288	Before	Left Exterior Girder	40.0288	0.95	1	1	5.455105
EV2_str	BOBJ1	40.0288	Before	Right Exterior Girder	40.0288	0.95	1	1	5.455105
EV2_str	BOBJ1	40.0288	After	Left Exterior Girder	40.0288	0.95	1	1	8.221679
EV2_str	BOBJ1	40.0288	After	Right Exterior Girder	40.0288	0.95	1	1	8.221679
EV2_str	BOBJ1	45.63	Before	Left Exterior Girder	45.63	0.95	1	1	8.10846
EV2_str	BOBJ1	45.63	Before	Interior Girder 1	45.63	0.95	1	1	5.494499
EV2_str	BOBJ1	45.63	Before	Interior Girder 2	45.63	0.95	1	1	5.087292
EV2_str	BOBJ1	45.63	Before	Interior Girder 3	45.63	0.95	1	1	4.107075
EV2_str	BOBJ1	45.63	Before	Interior Girder 4	45.63	0.95	1	1	4.107075
EV2_str	BOBJ1	45.63	Before	Interior Girder 5	45.63	0.95	1	1	5.087292
EV2_str	BOBJ1	45.63	Before	Interior Girder 6	45.63	0.95	1	1	5.494499
EV2_str	BOBJ1	45.63	Before	Right Exterior Girder	45.63	0.95	1	1	8.10846
EV2_str	BOBJ1	45.63	After	Left Exterior Girder	0	0.95	1	1	6.999857
EV2_str	BOBJ1	45.63	After	Interior Girder 1	0	0.95	1	1	5.251171
EV2_str	BOBJ1	45.63	After	Interior Girder 2	0	0.95	1	1	4.815433
EV2_str	BOBJ1	45.63	After	Interior Girder 3	0	0.95	1	1	3.951062
EV2_str	BOBJ1	45.63	After	Interior Girder 4	0	0.95	1	1	3.951062
EV2_str	BOBJ1	45.63	After	Interior Girder 5	0	0.95	1	1	4.815433
EV2_str	BOBJ1	45.63	After	Interior Girder 6	0	0.95	1	1	5.251171
EV2_str	BOBJ1	45.63	After	Right Exterior Girder	0	0.95	1	1	6.999857

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Approach, Span 16-19									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
EV2_str	BOBJ1	50.6298	Before	Left Exterior Girder	4.9998	0.95	1	1	7.088976
EV2_str	BOBJ1	50.6298	Before	Right Exterior Girder	4.9998	0.95	1	1	7.088976
EV2_str	BOBJ1	50.6298	After	Left Exterior Girder	4.9998	0.95	1	1	5.205755
EV2_str	BOBJ1	50.6298	After	Right Exterior Girder	4.9998	0.95	1	1	5.205755
EV2_str	BOBJ1	51.4	Before	Left Exterior Girder	5.77	0.95	1	1	5.215815
EV2_str	BOBJ1	51.4	Before	Interior Girder 1	5.77	0.95	1	1	6.119557
EV2_str	BOBJ1	51.4	Before	Interior Girder 2	5.77	0.95	1	1	4.90163
EV2_str	BOBJ1	51.4	Before	Interior Girder 3	5.77	0.95	1	1	4.023894
EV2_str	BOBJ1	51.4	Before	Interior Girder 4	5.77	0.95	1	1	4.023894
EV2_str	BOBJ1	51.4	Before	Interior Girder 5	5.77	0.95	1	1	4.90163
EV2_str	BOBJ1	51.4	Before	Interior Girder 6	5.77	0.95	1	1	6.119557
EV2_str	BOBJ1	51.4	Before	Right Exterior Girder	5.77	0.95	1	1	5.215815
EV2_str	BOBJ1	51.4	After	Left Exterior Girder	5.77	0.95	1	1	7.572114
EV2_str	BOBJ1	51.4	After	Interior Girder 1	5.77	0.95	1	1	6.653354
EV2_str	BOBJ1	51.4	After	Interior Girder 2	5.77	0.95	1	1	6.105779
EV2_str	BOBJ1	51.4	After	Interior Girder 3	5.77	0.95	1	1	5.429295
EV2_str	BOBJ1	51.4	After	Interior Girder 4	5.77	0.95	1	1	5.429295
EV2_str	BOBJ1	51.4	After	Interior Girder 5	5.77	0.95	1	1	6.105779
EV2_str	BOBJ1	51.4	After	Interior Girder 6	5.77	0.95	1	1	6.653354
EV2_str	BOBJ1	51.4	After	Right Exterior Girder	5.77	0.95	1	1	7.572114
EV2_str	BOBJ1	57.17	Before	Left Exterior Girder	11.54	0.95	1	1	7.672774
EV2_str	BOBJ1	57.17	Before	Interior Girder 1	11.54	0.95	1	1	6.771254
EV2_str	BOBJ1	57.17	Before	Interior Girder 2	11.54	0.95	1	1	6.21268
EV2_str	BOBJ1	57.17	Before	Interior Girder 3	11.54	0.95	1	1	5.52665
EV2_str	BOBJ1	57.17	Before	Interior Girder 4	11.54	0.95	1	1	5.52665
EV2_str	BOBJ1	57.17	Before	Interior Girder 5	11.54	0.95	1	1	6.21268
EV2_str	BOBJ1	57.17	Before	Interior Girder 6	11.54	0.95	1	1	6.771254
EV2_str	BOBJ1	57.17	Before	Right Exterior Girder	11.54	0.95	1	1	7.672774
EV2_str	BOBJ1	57.17	After	Left Exterior Girder	11.54	0.95	1	1	10.767223
EV2_str	BOBJ1	57.17	After	Interior Girder 1	11.54	0.95	1	1	6.702362
EV2_str	BOBJ1	57.17	After	Interior Girder 2	11.54	0.95	1	1	6.31811
EV2_str	BOBJ1	57.17	After	Interior Girder 3	11.54	0.95	1	1	5.455742
EV2_str	BOBJ1	57.17	After	Interior Girder 4	11.54	0.95	1	1	5.455742
EV2_str	BOBJ1	57.17	After	Interior Girder 5	11.54	0.95	1	1	6.31811
EV2_str	BOBJ1	57.17	After	Interior Girder 6	11.54	0.95	1	1	6.702362
EV2_str	BOBJ1	57.17	After	Right Exterior Girder	11.54	0.95	1	1	10.767223
EV2_str	BOBJ1	63.34	Before	Left Exterior Girder	17.71	0.95	1	1	10.913483
EV2_str	BOBJ1	63.34	Before	Interior Girder 1	17.71	0.95	1	1	6.826684
EV2_str	BOBJ1	63.34	Before	Interior Girder 2	17.71	0.95	1	1	6.434729
EV2_str	BOBJ1	63.34	Before	Interior Girder 3	17.71	0.95	1	1	5.556489
EV2_str	BOBJ1	63.34	Before	Interior Girder 4	17.71	0.95	1	1	5.556489
EV2_str	BOBJ1	63.34	Before	Interior Girder 5	17.71	0.95	1	1	6.434729
EV2_str	BOBJ1	63.34	Before	Interior Girder 6	17.71	0.95	1	1	6.826684
EV2_str	BOBJ1	63.34	Before	Right Exterior Girder	17.71	0.95	1	1	10.913483
EV2_str	BOBJ1	63.34	After	Left Exterior Girder	17.71	0.95	1	1	12.423354
EV2_str	BOBJ1	63.34	After	Interior Girder 1	17.71	0.95	1	1	8.777862
EV2_str	BOBJ1	63.34	After	Interior Girder 2	17.71	0.95	1	1	8.212253
EV2_str	BOBJ1	63.34	After	Interior Girder 3	17.71	0.95	1	1	7.530471
EV2_str	BOBJ1	63.34	After	Interior Girder 4	17.71	0.95	1	1	7.530471
EV2_str	BOBJ1	63.34	After	Interior Girder 5	17.71	0.95	1	1	8.212253
EV2_str	BOBJ1	63.34	After	Interior Girder 6	17.71	0.95	1	1	8.777862
EV2_str	BOBJ1	63.34	After	Right Exterior Girder	17.71	0.95	1	1	12.423354
EV2_str	BOBJ1	69.51	Before	Left Exterior Girder	23.88	0.95	1	1	12.585413
EV2_str	BOBJ1	69.51	Before	Interior Girder 1	23.88	0.95	1	1	8.93694
EV2_str	BOBJ1	69.51	Before	Interior Girder 2	23.88	0.95	1	1	8.360096
EV2_str	BOBJ1	69.51	Before	Interior Girder 3	23.88	0.95	1	1	7.665985
EV2_str	BOBJ1	69.51	Before	Interior Girder 4	23.88	0.95	1	1	7.665985
EV2_str	BOBJ1	69.51	Before	Interior Girder 5	23.88	0.95	1	1	8.360096
EV2_str	BOBJ1	69.51	Before	Interior Girder 6	23.88	0.95	1	1	8.93694
EV2_str	BOBJ1	69.51	Before	Right Exterior Girder	23.88	0.95	1	1	12.585413
EV2_str	BOBJ1	69.51	After	Left Exterior Girder	23.88	0.95	1	1	14.67013
EV2_str	BOBJ1	69.51	After	Interior Girder 1	23.88	0.95	1	1	12.04359
EV2_str	BOBJ1	69.51	After	Interior Girder 2	23.88	0.95	1	1	11.09079
EV2_str	BOBJ1	69.51	After	Interior Girder 3	23.88	0.95	1	1	9.644474
EV2_str	BOBJ1	69.51	After	Interior Girder 4	23.88	0.95	1	1	9.644474

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Approach, Span 16-19									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
EV2_str	BOBJ1	69.51	After	Interior Girder 5	23.88	0.95	1	1	11.09079
EV2_str	BOBJ1	69.51	After	Interior Girder 6	23.88	0.95	1	1	12.04359
EV2_str	BOBJ1	69.51	After	Right Exterior Girder	23.88	0.95	1	1	14.67013
EV2_str	BOBJ1	75.68	Before	Left Exterior Girder	30.05	0.95	1	1	14.85432
EV2_str	BOBJ1	75.68	Before	Interior Girder 1	30.05	0.95	1	1	12.256793
EV2_str	BOBJ1	75.68	Before	Interior Girder 2	30.05	0.95	1	1	11.26173
EV2_str	BOBJ1	75.68	Before	Interior Girder 3	30.05	0.95	1	1	9.486438
EV2_str	BOBJ1	75.68	Before	Interior Girder 4	30.05	0.95	1	1	9.486438
EV2_str	BOBJ1	75.68	Before	Interior Girder 5	30.05	0.95	1	1	11.26173
EV2_str	BOBJ1	75.68	Before	Interior Girder 6	30.05	0.95	1	1	12.256793
EV2_str	BOBJ1	75.68	Before	Right Exterior Girder	30.05	0.95	1	1	14.85432
EV2_str	BOBJ1	75.68	After	Left Exterior Girder	30.05	0.95	1	1	22.918307
EV2_str	BOBJ1	75.68	After	Interior Girder 1	30.05	0.95	1	1	10.859922
EV2_str	BOBJ1	75.68	After	Interior Girder 2	30.05	0.95	1	1	9.409802
EV2_str	BOBJ1	75.68	After	Interior Girder 3	30.05	0.95	1	1	7.913561
EV2_str	BOBJ1	75.68	After	Interior Girder 4	30.05	0.95	1	1	7.913561
EV2_str	BOBJ1	75.68	After	Interior Girder 5	30.05	0.95	1	1	9.409802
EV2_str	BOBJ1	75.68	After	Interior Girder 6	30.05	0.95	1	1	10.859922
EV2_str	BOBJ1	75.68	After	Right Exterior Girder	30.05	0.95	1	1	22.918307
EV2_str	BOBJ1	81.8467	Before	Left Exterior Girder	36.2167	0.95	1	1	22.645317
EV2_str	BOBJ1	81.8467	Before	Interior Girder 1	36.2167	0.95	1	1	11.045019
EV2_str	BOBJ1	81.8467	Before	Interior Girder 2	36.2167	0.95	1	1	9.570875
EV2_str	BOBJ1	81.8467	Before	Interior Girder 3	36.2167	0.95	1	1	8.04906
EV2_str	BOBJ1	81.8467	Before	Interior Girder 4	36.2167	0.95	1	1	8.04906
EV2_str	BOBJ1	81.8467	Before	Interior Girder 5	36.2167	0.95	1	1	9.570875
EV2_str	BOBJ1	81.8467	Before	Interior Girder 6	36.2167	0.95	1	1	11.045019
EV2_str	BOBJ1	81.8467	Before	Right Exterior Girder	36.2167	0.95	1	1	22.645317
EV2_str	BOBJ1	81.8467	After	Left Exterior Girder	36.2167	0.95	1	1	17.937321
EV2_str	BOBJ1	81.8467	After	Interior Girder 1	36.2167	0.95	1	1	11.221181
EV2_str	BOBJ1	81.8467	After	Interior Girder 2	36.2167	0.95	1	1	10.371104
EV2_str	BOBJ1	81.8467	After	Interior Girder 3	36.2167	0.95	1	1	9.128164
EV2_str	BOBJ1	81.8467	After	Interior Girder 4	36.2167	0.95	1	1	9.128164
EV2_str	BOBJ1	81.8467	After	Interior Girder 5	36.2167	0.95	1	1	10.371104
EV2_str	BOBJ1	81.8467	After	Interior Girder 6	36.2167	0.95	1	1	11.221181
EV2_str	BOBJ1	81.8467	After	Right Exterior Girder	36.2167	0.95	1	1	17.937321
EV2_str	BOBJ1	88.0133	Before	Left Exterior Girder	42.3833	0.95	1	1	17.715808
EV2_str	BOBJ1	88.0133	Before	Interior Girder 1	42.3833	0.95	1	1	11.027913
EV2_str	BOBJ1	88.0133	Before	Interior Girder 2	42.3833	0.95	1	1	10.192972
EV2_str	BOBJ1	88.0133	Before	Interior Girder 3	42.3833	0.95	1	1	8.9715
EV2_str	BOBJ1	88.0133	Before	Interior Girder 4	42.3833	0.95	1	1	8.9715
EV2_str	BOBJ1	88.0133	Before	Interior Girder 5	42.3833	0.95	1	1	10.192972
EV2_str	BOBJ1	88.0133	Before	Interior Girder 6	42.3833	0.95	1	1	11.027913
EV2_str	BOBJ1	88.0133	Before	Right Exterior Girder	42.3833	0.95	1	1	17.715808
EV2_str	BOBJ1	88.0133	After	Left Exterior Girder	42.3833	0.95	1	1	14.814562
EV2_str	BOBJ1	88.0133	After	Interior Girder 1	42.3833	0.95	1	1	8.222522
EV2_str	BOBJ1	88.0133	After	Interior Girder 2	42.3833	0.95	1	1	7.542374
EV2_str	BOBJ1	88.0133	After	Interior Girder 3	42.3833	0.95	1	1	6.450033
EV2_str	BOBJ1	88.0133	After	Interior Girder 4	42.3833	0.95	1	1	6.450033
EV2_str	BOBJ1	88.0133	After	Interior Girder 5	42.3833	0.95	1	1	7.542374
EV2_str	BOBJ1	88.0133	After	Interior Girder 6	42.3833	0.95	1	1	8.222522
EV2_str	BOBJ1	88.0133	After	Right Exterior Girder	42.3833	0.95	1	1	14.814562
EV2_str	BOBJ1	94.18	Before	Left Exterior Girder	48.55	0.95	1	1	14.624566
EV2_str	BOBJ1	94.18	Before	Interior Girder 1	48.55	0.95	1	1	8.07767
EV2_str	BOBJ1	94.18	Before	Interior Girder 2	48.55	0.95	1	1	7.409654
EV2_str	BOBJ1	94.18	Before	Interior Girder 3	48.55	0.95	1	1	6.33662
EV2_str	BOBJ1	94.18	Before	Interior Girder 4	48.55	0.95	1	1	6.33662
EV2_str	BOBJ1	94.18	Before	Interior Girder 5	48.55	0.95	1	1	7.409654
EV2_str	BOBJ1	94.18	Before	Interior Girder 6	48.55	0.95	1	1	8.07767
EV2_str	BOBJ1	94.18	Before	Right Exterior Girder	48.55	0.95	1	1	14.624566
EV2_str	BOBJ1	94.18	After	Left Exterior Girder	48.55	0.95	1	1	9.413922
EV2_str	BOBJ1	94.18	After	Interior Girder 1	48.55	0.95	1	1	8.566219
EV2_str	BOBJ1	94.18	After	Interior Girder 2	48.55	0.95	1	1	7.855522
EV2_str	BOBJ1	94.18	After	Interior Girder 3	48.55	0.95	1	1	7.345682
EV2_str	BOBJ1	94.18	After	Interior Girder 4	48.55	0.95	1	1	7.345682
EV2_str	BOBJ1	94.18	After	Interior Girder 5	48.55	0.95	1	1	7.855522

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Approach, Span 16-19									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
EV2_str	BOBJ1	94.18	After	Interior Girder 6	48.55	0.95	1	1	8.566219
EV2_str	BOBJ1	94.18	After	Right Exterior Girder	48.55	0.95	1	1	9.413922
EV2_str	BOBJ1	100.3567	Before	Left Exterior Girder	54.7267	0.95	1	1	9.288472
EV2_str	BOBJ1	100.3567	Before	Interior Girder 1	54.7267	0.95	1	1	8.410543
EV2_str	BOBJ1	100.3567	Before	Interior Girder 2	54.7267	0.95	1	1	7.714248
EV2_str	BOBJ1	100.3567	Before	Interior Girder 3	54.7267	0.95	1	1	7.212154
EV2_str	BOBJ1	100.3567	Before	Interior Girder 4	54.7267	0.95	1	1	7.212154
EV2_str	BOBJ1	100.3567	Before	Interior Girder 5	54.7267	0.95	1	1	7.714248
EV2_str	BOBJ1	100.3567	Before	Interior Girder 6	54.7267	0.95	1	1	8.410543
EV2_str	BOBJ1	100.3567	Before	Right Exterior Girder	54.7267	0.95	1	1	9.288472
EV2_str	BOBJ1	100.3567	After	Left Exterior Girder	54.7267	0.95	1	1	8.384237
EV2_str	BOBJ1	100.3567	After	Interior Girder 1	54.7267	0.95	1	1	6.52603
EV2_str	BOBJ1	100.3567	After	Interior Girder 2	54.7267	0.95	1	1	6.035627
EV2_str	BOBJ1	100.3567	After	Interior Girder 3	54.7267	0.95	1	1	5.38094
EV2_str	BOBJ1	100.3567	After	Interior Girder 4	54.7267	0.95	1	1	5.38094
EV2_str	BOBJ1	100.3567	After	Interior Girder 5	54.7267	0.95	1	1	6.035627
EV2_str	BOBJ1	100.3567	After	Interior Girder 6	54.7267	0.95	1	1	6.52603
EV2_str	BOBJ1	100.3567	After	Right Exterior Girder	54.7267	0.95	1	1	8.384237
EV2_str	BOBJ1	106.5333	Before	Left Exterior Girder	60.9033	0.95	1	1	8.267766
EV2_str	BOBJ1	106.5333	Before	Interior Girder 1	60.9033	0.95	1	1	6.40466
EV2_str	BOBJ1	106.5333	Before	Interior Girder 2	60.9033	0.95	1	1	5.9244
EV2_str	BOBJ1	106.5333	Before	Interior Girder 3	60.9033	0.95	1	1	5.280483
EV2_str	BOBJ1	106.5333	Before	Interior Girder 4	60.9033	0.95	1	1	5.280483
EV2_str	BOBJ1	106.5333	Before	Interior Girder 5	60.9033	0.95	1	1	5.9244
EV2_str	BOBJ1	106.5333	Before	Interior Girder 6	60.9033	0.95	1	1	6.40466
EV2_str	BOBJ1	106.5333	Before	Right Exterior Girder	60.9033	0.95	1	1	8.267766
EV2_str	BOBJ1	106.5333	After	Left Exterior Girder	60.9033	0.95	1	1	6.835439
EV2_str	BOBJ1	106.5333	After	Interior Girder 1	60.9033	0.95	1	1	5.377068
EV2_str	BOBJ1	106.5333	After	Interior Girder 2	60.9033	0.95	1	1	4.811269
EV2_str	BOBJ1	106.5333	After	Interior Girder 3	60.9033	0.95	1	1	3.952391
EV2_str	BOBJ1	106.5333	After	Interior Girder 4	60.9033	0.95	1	1	3.952391
EV2_str	BOBJ1	106.5333	After	Interior Girder 5	60.9033	0.95	1	1	4.811269
EV2_str	BOBJ1	106.5333	After	Interior Girder 6	60.9033	0.95	1	1	5.377068
EV2_str	BOBJ1	106.5333	After	Right Exterior Girder	60.9033	0.95	1	1	6.835439
EV2_str	BOBJ1	108.2102	Before	Left Exterior Girder	62.5802	0.95	1	1	6.808067
EV2_str	BOBJ1	108.2102	Before	Right Exterior Girder	62.5802	0.95	1	1	6.808067
EV2_str	BOBJ1	108.2102	After	Left Exterior Girder	62.5802	0.95	1	1	7.50286
EV2_str	BOBJ1	108.2102	After	Right Exterior Girder	62.5802	0.95	1	1	7.50286
EV2_str	BOBJ1	112.71	Before	Left Exterior Girder	67.08	0.95	1	1	7.418276
EV2_str	BOBJ1	112.71	Before	Interior Girder 1	67.08	0.95	1	1	5.100599
EV2_str	BOBJ1	112.71	Before	Interior Girder 2	67.08	0.95	1	1	4.720488
EV2_str	BOBJ1	112.71	Before	Interior Girder 3	67.08	0.95	1	1	3.876466
EV2_str	BOBJ1	112.71	Before	Interior Girder 4	67.08	0.95	1	1	3.876466
EV2_str	BOBJ1	112.71	Before	Interior Girder 5	67.08	0.95	1	1	4.720488
EV2_str	BOBJ1	112.71	Before	Interior Girder 6	67.08	0.95	1	1	5.100599
EV2_str	BOBJ1	112.71	Before	Right Exterior Girder	67.08	0.95	1	1	7.418276
EV2_str	BOBJ1	112.71	After	Left Exterior Girder	0	0.95	1	1	8.31741
EV2_str	BOBJ1	112.71	After	Interior Girder 1	0	0.95	1	1	5.440694
EV2_str	BOBJ1	112.71	After	Interior Girder 2	0	0.95	1	1	4.98883
EV2_str	BOBJ1	112.71	After	Interior Girder 3	0	0.95	1	1	4.061324
EV2_str	BOBJ1	112.71	After	Interior Girder 4	0	0.95	1	1	4.061324
EV2_str	BOBJ1	112.71	After	Interior Girder 5	0	0.95	1	1	4.98883
EV2_str	BOBJ1	112.71	After	Interior Girder 6	0	0.95	1	1	5.440694
EV2_str	BOBJ1	112.71	After	Right Exterior Girder	0	0.95	1	1	8.31741
EV2_str	BOBJ1	117.21	Before	Left Exterior Girder	4.5	0.95	1	1	8.409514
EV2_str	BOBJ1	117.21	Before	Right Exterior Girder	4.5	0.95	1	1	8.409514
EV2_str	BOBJ1	117.21	After	Left Exterior Girder	4.5	0.95	1	1	8.321404
EV2_str	BOBJ1	117.21	After	Right Exterior Girder	4.5	0.95	1	1	8.321404
EV2_str	BOBJ1	119.1	Before	Left Exterior Girder	6.39	0.95	1	1	8.357712
EV2_str	BOBJ1	119.1	Before	Interior Girder 1	6.39	0.95	1	1	5.610969
EV2_str	BOBJ1	119.1	Before	Interior Girder 2	6.39	0.95	1	1	5.08585
EV2_str	BOBJ1	119.1	Before	Interior Girder 3	6.39	0.95	1	1	4.141822
EV2_str	BOBJ1	119.1	Before	Interior Girder 4	6.39	0.95	1	1	4.141822
EV2_str	BOBJ1	119.1	Before	Interior Girder 5	6.39	0.95	1	1	5.08585
EV2_str	BOBJ1	119.1	Before	Interior Girder 6	6.39	0.95	1	1	5.610969

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Approach, Span 16-19									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
EV2_str	BOBJ1	119.1	Before	Right Exterior Girder	6.39	0.95	1	1	8.357712
EV2_str	BOBJ1	119.1	After	Left Exterior Girder	6.39	0.95	1	1	9.83765
EV2_str	BOBJ1	119.1	After	Interior Girder 1	6.39	0.95	1	1	7.068516
EV2_str	BOBJ1	119.1	After	Interior Girder 2	6.39	0.95	1	1	6.499848
EV2_str	BOBJ1	119.1	After	Interior Girder 3	6.39	0.95	1	1	5.685515
EV2_str	BOBJ1	119.1	After	Interior Girder 4	6.39	0.95	1	1	5.685515
EV2_str	BOBJ1	119.1	After	Interior Girder 5	6.39	0.95	1	1	6.499848
EV2_str	BOBJ1	119.1	After	Interior Girder 6	6.39	0.95	1	1	7.068516
EV2_str	BOBJ1	119.1	After	Right Exterior Girder	6.39	0.95	1	1	9.83765
EV2_str	BOBJ1	125.49	Before	Left Exterior Girder	12.78	0.95	1	1	9.976802
EV2_str	BOBJ1	125.49	Before	Interior Girder 1	12.78	0.95	1	1	7.203623
EV2_str	BOBJ1	125.49	Before	Interior Girder 2	12.78	0.95	1	1	6.623216
EV2_str	BOBJ1	125.49	Before	Interior Girder 3	12.78	0.95	1	1	5.794945
EV2_str	BOBJ1	125.49	Before	Interior Girder 4	12.78	0.95	1	1	5.794945
EV2_str	BOBJ1	125.49	Before	Interior Girder 5	12.78	0.95	1	1	6.623216
EV2_str	BOBJ1	125.49	Before	Interior Girder 6	12.78	0.95	1	1	7.203623
EV2_str	BOBJ1	125.49	Before	Right Exterior Girder	12.78	0.95	1	1	9.976802
EV2_str	BOBJ1	125.49	After	Left Exterior Girder	12.78	0.95	1	1	11.648099
EV2_str	BOBJ1	125.49	After	Interior Girder 1	12.78	0.95	1	1	9.804442
EV2_str	BOBJ1	125.49	After	Interior Girder 2	12.78	0.95	1	1	8.818109
EV2_str	BOBJ1	125.49	After	Interior Girder 3	12.78	0.95	1	1	8.199853
EV2_str	BOBJ1	125.49	After	Interior Girder 4	12.78	0.95	1	1	8.199853
EV2_str	BOBJ1	125.49	After	Interior Girder 5	12.78	0.95	1	1	8.818109
EV2_str	BOBJ1	125.49	After	Interior Girder 6	12.78	0.95	1	1	9.804442
EV2_str	BOBJ1	125.49	After	Right Exterior Girder	12.78	0.95	1	1	11.648099
EV2_str	BOBJ1	131.88	Before	Left Exterior Girder	19.17	0.95	1	1	11.806014
EV2_str	BOBJ1	131.88	Before	Interior Girder 1	19.17	0.95	1	1	9.987441
EV2_str	BOBJ1	131.88	Before	Interior Girder 2	19.17	0.95	1	1	8.981331
EV2_str	BOBJ1	131.88	Before	Interior Girder 3	19.17	0.95	1	1	8.353418
EV2_str	BOBJ1	131.88	Before	Interior Girder 4	19.17	0.95	1	1	8.353418
EV2_str	BOBJ1	131.88	Before	Interior Girder 5	19.17	0.95	1	1	8.981331
EV2_str	BOBJ1	131.88	Before	Interior Girder 6	19.17	0.95	1	1	9.987441
EV2_str	BOBJ1	131.88	Before	Right Exterior Girder	19.17	0.95	1	1	11.806014
EV2_str	BOBJ1	131.88	After	Left Exterior Girder	19.17	0.95	1	1	20.478613
EV2_str	BOBJ1	131.88	After	Interior Girder 1	19.17	0.95	1	1	9.51008
EV2_str	BOBJ1	131.88	After	Interior Girder 2	19.17	0.95	1	1	8.494481
EV2_str	BOBJ1	131.88	After	Interior Girder 3	19.17	0.95	1	1	7.150198
EV2_str	BOBJ1	131.88	After	Interior Girder 4	19.17	0.95	1	1	7.150198
EV2_str	BOBJ1	131.88	After	Interior Girder 5	19.17	0.95	1	1	8.494481
EV2_str	BOBJ1	131.88	After	Interior Girder 6	19.17	0.95	1	1	9.51008
EV2_str	BOBJ1	131.88	After	Right Exterior Girder	19.17	0.95	1	1	20.478613
EV2_str	BOBJ1	138.27	Before	Left Exterior Girder	25.56	0.95	1	1	20.745525
EV2_str	BOBJ1	138.27	Before	Interior Girder 1	25.56	0.95	1	1	9.682307
EV2_str	BOBJ1	138.27	Before	Interior Girder 2	25.56	0.95	1	1	8.648609
EV2_str	BOBJ1	138.27	Before	Interior Girder 3	25.56	0.95	1	1	7.279968
EV2_str	BOBJ1	138.27	Before	Interior Girder 4	25.56	0.95	1	1	7.279968
EV2_str	BOBJ1	138.27	Before	Interior Girder 5	25.56	0.95	1	1	8.648609
EV2_str	BOBJ1	138.27	Before	Interior Girder 6	25.56	0.95	1	1	9.682307
EV2_str	BOBJ1	138.27	Before	Right Exterior Girder	25.56	0.95	1	1	20.745525
EV2_str	BOBJ1	138.27	After	Left Exterior Girder	25.56	0.95	1	1	25.536597
EV2_str	BOBJ1	138.27	After	Interior Girder 1	25.56	0.95	1	1	14.069421
EV2_str	BOBJ1	138.27	After	Interior Girder 2	25.56	0.95	1	1	12.523885
EV2_str	BOBJ1	138.27	After	Interior Girder 3	25.56	0.95	1	1	10.724466
EV2_str	BOBJ1	138.27	After	Interior Girder 4	25.56	0.95	1	1	10.724466
EV2_str	BOBJ1	138.27	After	Interior Girder 5	25.56	0.95	1	1	12.523885
EV2_str	BOBJ1	138.27	After	Interior Girder 6	25.56	0.95	1	1	14.069421
EV2_str	BOBJ1	138.27	After	Right Exterior Girder	25.56	0.95	1	1	25.536597
EV2_str	BOBJ1	144.66	Before	Left Exterior Girder	31.95	0.95	1	1	25.21849
EV2_str	BOBJ1	144.66	Before	Interior Girder 1	31.95	0.95	1	1	13.824335
EV2_str	BOBJ1	144.66	Before	Interior Girder 2	31.95	0.95	1	1	12.305795
EV2_str	BOBJ1	144.66	Before	Interior Girder 3	31.95	0.95	1	1	10.537724
EV2_str	BOBJ1	144.66	Before	Interior Girder 4	31.95	0.95	1	1	10.537724
EV2_str	BOBJ1	144.66	Before	Interior Girder 5	31.95	0.95	1	1	12.305795
EV2_str	BOBJ1	144.66	Before	Interior Girder 6	31.95	0.95	1	1	13.824335
EV2_str	BOBJ1	144.66	Before	Right Exterior Girder	31.95	0.95	1	1	25.21849

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Approach, Span 16-19									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
EV2_str	BOBJ1	144.66	After	Left Exterior Girder	31.95	0.95	1	1	18.940829
EV2_str	BOBJ1	144.66	After	Interior Girder 1	31.95	0.95	1	1	9.428811
EV2_str	BOBJ1	144.66	After	Interior Girder 2	31.95	0.95	1	1	8.423958
EV2_str	BOBJ1	144.66	After	Interior Girder 3	31.95	0.95	1	1	7.112916
EV2_str	BOBJ1	144.66	After	Interior Girder 4	31.95	0.95	1	1	7.112916
EV2_str	BOBJ1	144.66	After	Interior Girder 5	31.95	0.95	1	1	8.423958
EV2_str	BOBJ1	144.66	After	Interior Girder 6	31.95	0.95	1	1	9.428811
EV2_str	BOBJ1	144.66	After	Right Exterior Girder	31.95	0.95	1	1	18.940829
EV2_str	BOBJ1	151.05	Before	Left Exterior Girder	38.34	0.95	1	1	18.695667
EV2_str	BOBJ1	151.05	Before	Interior Girder 1	38.34	0.95	1	1	9.260776
EV2_str	BOBJ1	151.05	Before	Interior Girder 2	38.34	0.95	1	1	8.273646
EV2_str	BOBJ1	151.05	Before	Interior Girder 3	38.34	0.95	1	1	6.985977
EV2_str	BOBJ1	151.05	Before	Interior Girder 4	38.34	0.95	1	1	6.985977
EV2_str	BOBJ1	151.05	Before	Interior Girder 5	38.34	0.95	1	1	8.273646
EV2_str	BOBJ1	151.05	Before	Interior Girder 6	38.34	0.95	1	1	9.260776
EV2_str	BOBJ1	151.05	Before	Right Exterior Girder	38.34	0.95	1	1	18.695667
EV2_str	BOBJ1	151.05	After	Left Exterior Girder	38.34	0.95	1	1	11.168459
EV2_str	BOBJ1	151.05	After	Interior Girder 1	38.34	0.95	1	1	9.624669
EV2_str	BOBJ1	151.05	After	Interior Girder 2	38.34	0.95	1	1	8.652512
EV2_str	BOBJ1	151.05	After	Interior Girder 3	38.34	0.95	1	1	8.011048
EV2_str	BOBJ1	151.05	After	Interior Girder 4	38.34	0.95	1	1	8.011048
EV2_str	BOBJ1	151.05	After	Interior Girder 5	38.34	0.95	1	1	8.652512
EV2_str	BOBJ1	151.05	After	Interior Girder 6	38.34	0.95	1	1	9.624669
EV2_str	BOBJ1	151.05	After	Right Exterior Girder	38.34	0.95	1	1	11.168459
EV2_str	BOBJ1	157.4367	Before	Left Exterior Girder	44.7267	0.95	1	1	11.018058
EV2_str	BOBJ1	157.4367	Before	Interior Girder 1	44.7267	0.95	1	1	9.448265
EV2_str	BOBJ1	157.4367	Before	Interior Girder 2	44.7267	0.95	1	1	8.495262
EV2_str	BOBJ1	157.4367	Before	Interior Girder 3	44.7267	0.95	1	1	7.863554
EV2_str	BOBJ1	157.4367	Before	Interior Girder 4	44.7267	0.95	1	1	7.863554
EV2_str	BOBJ1	157.4367	Before	Interior Girder 5	44.7267	0.95	1	1	8.495262
EV2_str	BOBJ1	157.4367	Before	Interior Girder 6	44.7267	0.95	1	1	9.448265
EV2_str	BOBJ1	157.4367	Before	Right Exterior Girder	44.7267	0.95	1	1	11.018058
EV2_str	BOBJ1	157.4367	After	Left Exterior Girder	44.7267	0.95	1	1	9.461114
EV2_str	BOBJ1	157.4367	After	Interior Girder 1	44.7267	0.95	1	1	7.097154
EV2_str	BOBJ1	157.4367	After	Interior Girder 2	44.7267	0.95	1	1	6.430551
EV2_str	BOBJ1	157.4367	After	Interior Girder 3	44.7267	0.95	1	1	5.379755
EV2_str	BOBJ1	157.4367	After	Interior Girder 4	44.7267	0.95	1	1	5.379755
EV2_str	BOBJ1	157.4367	After	Interior Girder 5	44.7267	0.95	1	1	6.430551
EV2_str	BOBJ1	157.4367	After	Interior Girder 6	44.7267	0.95	1	1	7.097154
EV2_str	BOBJ1	157.4367	After	Right Exterior Girder	44.7267	0.95	1	1	9.461114
EV2_str	BOBJ1	158.71	Before	Left Exterior Girder	46	0.95	1	1	9.434789
EV2_str	BOBJ1	158.71	Before	Interior Girder 1	46	0.95	1	1	7.070769
EV2_str	BOBJ1	158.71	Before	Interior Girder 2	46	0.95	1	1	6.406772
EV2_str	BOBJ1	158.71	Before	Interior Girder 3	46	0.95	1	1	5.359514
EV2_str	BOBJ1	158.71	Before	Interior Girder 4	46	0.95	1	1	5.359514
EV2_str	BOBJ1	158.71	Before	Interior Girder 5	46	0.95	1	1	6.406772
EV2_str	BOBJ1	158.71	Before	Interior Girder 6	46	0.95	1	1	7.070769
EV2_str	BOBJ1	158.71	Before	Right Exterior Girder	46	0.95	1	1	9.434789
EV2_str	BOBJ1	158.71	After	Left Exterior Girder	46	0.95	1	1	11.719426
EV2_str	BOBJ1	158.71	After	Interior Girder 1	46	0.95	1	1	7.768689
EV2_str	BOBJ1	158.71	After	Interior Girder 2	46	0.95	1	1	7.15549
EV2_str	BOBJ1	158.71	After	Interior Girder 3	46	0.95	1	1	6.124311
EV2_str	BOBJ1	158.71	After	Interior Girder 4	46	0.95	1	1	6.124311
EV2_str	BOBJ1	158.71	After	Interior Girder 5	46	0.95	1	1	7.15549
EV2_str	BOBJ1	158.71	After	Interior Girder 6	46	0.95	1	1	7.768689
EV2_str	BOBJ1	158.71	After	Right Exterior Girder	46	0.95	1	1	11.719426
EV2_str	BOBJ1	163.8233	Before	Left Exterior Girder	51.1133	0.95	1	1	11.606021
EV2_str	BOBJ1	163.8233	Before	Interior Girder 1	51.1133	0.95	1	1	7.664955
EV2_str	BOBJ1	163.8233	Before	Interior Girder 2	51.1133	0.95	1	1	7.060513
EV2_str	BOBJ1	163.8233	Before	Interior Girder 3	51.1133	0.95	1	1	6.0419
EV2_str	BOBJ1	163.8233	Before	Interior Girder 4	51.1133	0.95	1	1	6.0419
EV2_str	BOBJ1	163.8233	Before	Interior Girder 5	51.1133	0.95	1	1	7.060513
EV2_str	BOBJ1	163.8233	Before	Interior Girder 6	51.1133	0.95	1	1	7.664955
EV2_str	BOBJ1	163.8233	Before	Right Exterior Girder	51.1133	0.95	1	1	11.606021
EV2_str	BOBJ1	163.8233	After	Left Exterior Girder	51.1133	0.95	1	1	8.98294

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Approach, Span 16-19									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
EV2_str	BOBJ1	163.8233	After	Interior Girder 1	51.1133	0.95	1	1	6.719781
EV2_str	BOBJ1	163.8233	After	Interior Girder 2	51.1133	0.95	1	1	5.88549
EV2_str	BOBJ1	163.8233	After	Interior Girder 3	51.1133	0.95	1	1	4.779362
EV2_str	BOBJ1	163.8233	After	Interior Girder 4	51.1133	0.95	1	1	4.779362
EV2_str	BOBJ1	163.8233	After	Interior Girder 5	51.1133	0.95	1	1	5.88549
EV2_str	BOBJ1	163.8233	After	Interior Girder 6	51.1133	0.95	1	1	6.719781
EV2_str	BOBJ1	163.8233	After	Right Exterior Girder	51.1133	0.95	1	1	8.98294
EV2_str	BOBJ1	164.71	Before	Left Exterior Girder	52	0.95	1	1	8.967238
EV2_str	BOBJ1	164.71	Before	Right Exterior Girder	52	0.95	1	1	8.967238
EV2_str	BOBJ1	164.71	After	Left Exterior Girder	52	0.95	1	1	10.490115
EV2_str	BOBJ1	164.71	After	Right Exterior Girder	52	0.95	1	1	10.490115
EV2_str	BOBJ1	170.21	Before	Left Exterior Girder	57.5	0.95	1	1	10.367295
EV2_str	BOBJ1	170.21	Before	Interior Girder 1	57.5	0.95	1	1	6.296489
EV2_str	BOBJ1	170.21	Before	Interior Girder 2	57.5	0.95	1	1	5.786244
EV2_str	BOBJ1	170.21	Before	Interior Girder 3	57.5	0.95	1	1	4.697312
EV2_str	BOBJ1	170.21	Before	Interior Girder 4	57.5	0.95	1	1	4.697312
EV2_str	BOBJ1	170.21	Before	Interior Girder 5	57.5	0.95	1	1	5.786244
EV2_str	BOBJ1	170.21	Before	Interior Girder 6	57.5	0.95	1	1	6.296489
EV2_str	BOBJ1	170.21	Before	Right Exterior Girder	57.5	0.95	1	1	10.367295
EV2_str	BOBJ1	170.21	After	Left Exterior Girder	0	0.95	1	1	9.464247
EV2_str	BOBJ1	170.21	After	Interior Girder 1	0	0.95	1	1	5.906242
EV2_str	BOBJ1	170.21	After	Interior Girder 2	0	0.95	1	1	5.468649
EV2_str	BOBJ1	170.21	After	Interior Girder 3	0	0.95	1	1	4.477985
EV2_str	BOBJ1	170.21	After	Interior Girder 4	0	0.95	1	1	4.477985
EV2_str	BOBJ1	170.21	After	Interior Girder 5	0	0.95	1	1	5.468649
EV2_str	BOBJ1	170.21	After	Interior Girder 6	0	0.95	1	1	5.906242
EV2_str	BOBJ1	170.21	After	Right Exterior Girder	0	0.95	1	1	9.464247
EV2_str	BOBJ1	176.21	Before	Left Exterior Girder	6	0.95	1	1	9.590317
EV2_str	BOBJ1	176.21	Before	Right Exterior Girder	6	0.95	1	1	9.590317
EV2_str	BOBJ1	176.21	After	Left Exterior Girder	6	0.95	1	1	6.319732
EV2_str	BOBJ1	176.21	After	Right Exterior Girder	6	0.95	1	1	6.319732
EV2_str	BOBJ1	176.6	Before	Left Exterior Girder	6.39	0.95	1	1	6.324985
EV2_str	BOBJ1	176.6	Before	Interior Girder 1	6.39	0.95	1	1	7.261637
EV2_str	BOBJ1	176.6	Before	Interior Girder 2	6.39	0.95	1	1	5.564833
EV2_str	BOBJ1	176.6	Before	Interior Girder 3	6.39	0.95	1	1	4.558147
EV2_str	BOBJ1	176.6	Before	Interior Girder 4	6.39	0.95	1	1	4.558147
EV2_str	BOBJ1	176.6	Before	Interior Girder 5	6.39	0.95	1	1	5.564833
EV2_str	BOBJ1	176.6	Before	Interior Girder 6	6.39	0.95	1	1	7.261637
EV2_str	BOBJ1	176.6	Before	Right Exterior Girder	6.39	0.95	1	1	6.324985
EV2_str	BOBJ1	176.6	After	Left Exterior Girder	6.39	0.95	1	1	10.261542
EV2_str	BOBJ1	176.6	After	Interior Girder 1	6.39	0.95	1	1	7.448643
EV2_str	BOBJ1	176.6	After	Interior Girder 2	6.39	0.95	1	1	6.809538
EV2_str	BOBJ1	176.6	After	Interior Girder 3	6.39	0.95	1	1	6.039481
EV2_str	BOBJ1	176.6	After	Interior Girder 4	6.39	0.95	1	1	6.039481
EV2_str	BOBJ1	176.6	After	Interior Girder 5	6.39	0.95	1	1	6.809538
EV2_str	BOBJ1	176.6	After	Interior Girder 6	6.39	0.95	1	1	7.448643
EV2_str	BOBJ1	176.6	After	Right Exterior Girder	6.39	0.95	1	1	10.261542
EV2_str	BOBJ1	182.99	Before	Left Exterior Girder	12.78	0.95	1	1	10.39031
EV2_str	BOBJ1	182.99	Before	Interior Girder 1	12.78	0.95	1	1	7.577861
EV2_str	BOBJ1	182.99	Before	Interior Girder 2	12.78	0.95	1	1	6.92674
EV2_str	BOBJ1	182.99	Before	Interior Girder 3	12.78	0.95	1	1	6.144777
EV2_str	BOBJ1	182.99	Before	Interior Girder 4	12.78	0.95	1	1	6.144777
EV2_str	BOBJ1	182.99	Before	Interior Girder 5	12.78	0.95	1	1	6.92674
EV2_str	BOBJ1	182.99	Before	Interior Girder 6	12.78	0.95	1	1	7.577861
EV2_str	BOBJ1	182.99	Before	Right Exterior Girder	12.78	0.95	1	1	10.39031
EV2_str	BOBJ1	182.99	After	Left Exterior Girder	12.78	0.95	1	1	11.483193
EV2_str	BOBJ1	182.99	After	Interior Girder 1	12.78	0.95	1	1	9.772274
EV2_str	BOBJ1	182.99	After	Interior Girder 2	12.78	0.95	1	1	8.809064
EV2_str	BOBJ1	182.99	After	Interior Girder 3	12.78	0.95	1	1	8.188202
EV2_str	BOBJ1	182.99	After	Interior Girder 4	12.78	0.95	1	1	8.188202
EV2_str	BOBJ1	182.99	After	Interior Girder 5	12.78	0.95	1	1	8.809064
EV2_str	BOBJ1	182.99	After	Interior Girder 6	12.78	0.95	1	1	9.772274
EV2_str	BOBJ1	182.99	After	Right Exterior Girder	12.78	0.95	1	1	11.483193
EV2_str	BOBJ1	189.38	Before	Left Exterior Girder	19.17	0.95	1	1	11.622174
EV2_str	BOBJ1	189.38	Before	Interior Girder 1	19.17	0.95	1	1	9.938238

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Approach, Span 16-19									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
EV2_str	BOBJ1	189.38	Before	Interior Girder 2	19.17	0.95	1	1	8.95731
EV2_str	BOBJ1	189.38	Before	Interior Girder 3	19.17	0.95	1	1	8.327474
EV2_str	BOBJ1	189.38	Before	Interior Girder 4	19.17	0.95	1	1	8.327474
EV2_str	BOBJ1	189.38	Before	Interior Girder 5	19.17	0.95	1	1	8.95731
EV2_str	BOBJ1	189.38	Before	Interior Girder 6	19.17	0.95	1	1	9.938238
EV2_str	BOBJ1	189.38	Before	Right Exterior Girder	19.17	0.95	1	1	11.622174
EV2_str	BOBJ1	189.38	After	Left Exterior Girder	19.17	0.95	1	1	17.99372
EV2_str	BOBJ1	189.38	After	Interior Girder 1	19.17	0.95	1	1	9.359697
EV2_str	BOBJ1	189.38	After	Interior Girder 2	19.17	0.95	1	1	8.467367
EV2_str	BOBJ1	189.38	After	Interior Girder 3	19.17	0.95	1	1	7.21418
EV2_str	BOBJ1	189.38	After	Interior Girder 4	19.17	0.95	1	1	7.21418
EV2_str	BOBJ1	189.38	After	Interior Girder 5	19.17	0.95	1	1	8.467367
EV2_str	BOBJ1	189.38	After	Interior Girder 6	19.17	0.95	1	1	9.359697
EV2_str	BOBJ1	189.38	After	Right Exterior Girder	19.17	0.95	1	1	17.99372
EV2_str	BOBJ1	195.77	Before	Left Exterior Girder	25.56	0.95	1	1	18.204475
EV2_str	BOBJ1	195.77	Before	Interior Girder 1	25.56	0.95	1	1	9.514525
EV2_str	BOBJ1	195.77	Before	Interior Girder 2	25.56	0.95	1	1	8.607263
EV2_str	BOBJ1	195.77	Before	Interior Girder 3	25.56	0.95	1	1	7.333314
EV2_str	BOBJ1	195.77	Before	Interior Girder 4	25.56	0.95	1	1	7.333314
EV2_str	BOBJ1	195.77	Before	Interior Girder 5	25.56	0.95	1	1	8.607263
EV2_str	BOBJ1	195.77	Before	Interior Girder 6	25.56	0.95	1	1	9.514525
EV2_str	BOBJ1	195.77	Before	Right Exterior Girder	25.56	0.95	1	1	18.204475
EV2_str	BOBJ1	195.77	After	Left Exterior Girder	25.56	0.95	1	1	22.748733
EV2_str	BOBJ1	195.77	After	Interior Girder 1	25.56	0.95	1	1	13.003253
EV2_str	BOBJ1	195.77	After	Interior Girder 2	25.56	0.95	1	1	11.862006
EV2_str	BOBJ1	195.77	After	Interior Girder 3	25.56	0.95	1	1	10.24565
EV2_str	BOBJ1	195.77	After	Interior Girder 4	25.56	0.95	1	1	10.24565
EV2_str	BOBJ1	195.77	After	Interior Girder 5	25.56	0.95	1	1	11.862006
EV2_str	BOBJ1	195.77	After	Interior Girder 6	25.56	0.95	1	1	13.003253
EV2_str	BOBJ1	195.77	After	Right Exterior Girder	25.56	0.95	1	1	22.748733
EV2_str	BOBJ1	202.16	Before	Left Exterior Girder	31.95	0.95	1	1	23.006489
EV2_str	BOBJ1	202.16	Before	Interior Girder 1	31.95	0.95	1	1	13.213912
EV2_str	BOBJ1	202.16	Before	Interior Girder 2	31.95	0.95	1	1	12.053625
EV2_str	BOBJ1	202.16	Before	Interior Girder 3	31.95	0.95	1	1	10.411067
EV2_str	BOBJ1	202.16	Before	Interior Girder 4	31.95	0.95	1	1	10.411067
EV2_str	BOBJ1	202.16	Before	Interior Girder 5	31.95	0.95	1	1	12.053625
EV2_str	BOBJ1	202.16	Before	Interior Girder 6	31.95	0.95	1	1	13.213912
EV2_str	BOBJ1	202.16	Before	Right Exterior Girder	31.95	0.95	1	1	23.006489
EV2_str	BOBJ1	202.16	After	Left Exterior Girder	31.95	0.95	1	1	31.949853
EV2_str	BOBJ1	202.16	After	Interior Girder 1	31.95	0.95	1	1	12.883285
EV2_str	BOBJ1	202.16	After	Interior Girder 2	31.95	0.95	1	1	11.243897
EV2_str	BOBJ1	202.16	After	Interior Girder 3	31.95	0.95	1	1	9.463588
EV2_str	BOBJ1	202.16	After	Interior Girder 4	31.95	0.95	1	1	9.463588
EV2_str	BOBJ1	202.16	After	Interior Girder 5	31.95	0.95	1	1	11.243897
EV2_str	BOBJ1	202.16	After	Interior Girder 6	31.95	0.95	1	1	12.883285
EV2_str	BOBJ1	202.16	After	Right Exterior Girder	31.95	0.95	1	1	31.949853
EV2_str	BOBJ1	208.55	Before	Left Exterior Girder	38.34	0.95	1	1	31.601089
EV2_str	BOBJ1	208.55	Before	Interior Girder 1	38.34	0.95	1	1	12.683042
EV2_str	BOBJ1	208.55	Before	Interior Girder 2	38.34	0.95	1	1	11.068389
EV2_str	BOBJ1	208.55	Before	Interior Girder 3	38.34	0.95	1	1	9.315841
EV2_str	BOBJ1	208.55	Before	Interior Girder 4	38.34	0.95	1	1	9.315841
EV2_str	BOBJ1	208.55	Before	Interior Girder 5	38.34	0.95	1	1	11.068389
EV2_str	BOBJ1	208.55	Before	Interior Girder 6	38.34	0.95	1	1	12.683042
EV2_str	BOBJ1	208.55	Before	Right Exterior Girder	38.34	0.95	1	1	31.601089
EV2_str	BOBJ1	208.55	After	Left Exterior Girder	38.34	0.95	1	1	17.377233
EV2_str	BOBJ1	208.55	After	Interior Girder 1	38.34	0.95	1	1	14.434256
EV2_str	BOBJ1	208.55	After	Interior Girder 2	38.34	0.95	1	1	13.001504
EV2_str	BOBJ1	208.55	After	Interior Girder 3	38.34	0.95	1	1	12.494286
EV2_str	BOBJ1	208.55	After	Interior Girder 4	38.34	0.95	1	1	12.494286
EV2_str	BOBJ1	208.55	After	Interior Girder 5	38.34	0.95	1	1	13.001504
EV2_str	BOBJ1	208.55	After	Interior Girder 6	38.34	0.95	1	1	14.434256
EV2_str	BOBJ1	208.55	After	Right Exterior Girder	38.34	0.95	1	1	17.377233
EV2_str	BOBJ1	215.1233	Before	Left Exterior Girder	44.9133	0.95	1	1	17.177222
EV2_str	BOBJ1	215.1233	Before	Interior Girder 1	44.9133	0.95	1	1	14.195925
EV2_str	BOBJ1	215.1233	Before	Interior Girder 2	44.9133	0.95	1	1	12.788198

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Approach, Span 16-19									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
EV2_str	BOBJ1	215.1233	Before	Interior Girder 3	44.9133	0.95	1	1	12.288971
EV2_str	BOBJ1	215.1233	Before	Interior Girder 4	44.9133	0.95	1	1	12.288971
EV2_str	BOBJ1	215.1233	Before	Interior Girder 5	44.9133	0.95	1	1	12.788198
EV2_str	BOBJ1	215.1233	Before	Interior Girder 6	44.9133	0.95	1	1	14.195925
EV2_str	BOBJ1	215.1233	Before	Right Exterior Girder	44.9133	0.95	1	1	17.177222
EV2_str	BOBJ1	215.1233	After	Left Exterior Girder	44.9133	0.95	1	1	14.321599
EV2_str	BOBJ1	215.1233	After	Interior Girder 1	44.9133	0.95	1	1	10.130384
EV2_str	BOBJ1	215.1233	After	Interior Girder 2	44.9133	0.95	1	1	9.256276
EV2_str	BOBJ1	215.1233	After	Interior Girder 3	44.9133	0.95	1	1	8.629458
EV2_str	BOBJ1	215.1233	After	Interior Girder 4	44.9133	0.95	1	1	8.629458
EV2_str	BOBJ1	215.1233	After	Interior Girder 5	44.9133	0.95	1	1	9.256276
EV2_str	BOBJ1	215.1233	After	Interior Girder 6	44.9133	0.95	1	1	10.130384
EV2_str	BOBJ1	215.1233	After	Right Exterior Girder	44.9133	0.95	1	1	14.321599
EV2_str	BOBJ1	221.6967	Before	Left Exterior Girder	51.4867	0.95	1	1	14.151162
EV2_str	BOBJ1	221.6967	Before	Interior Girder 1	51.4867	0.95	1	1	9.959447
EV2_str	BOBJ1	221.6967	Before	Interior Girder 2	51.4867	0.95	1	1	9.10092
EV2_str	BOBJ1	221.6967	Before	Interior Girder 3	51.4867	0.95	1	1	8.484355
EV2_str	BOBJ1	221.6967	Before	Interior Girder 4	51.4867	0.95	1	1	8.484355
EV2_str	BOBJ1	221.6967	Before	Interior Girder 5	51.4867	0.95	1	1	9.10092
EV2_str	BOBJ1	221.6967	Before	Interior Girder 6	51.4867	0.95	1	1	9.959447
EV2_str	BOBJ1	221.6967	Before	Right Exterior Girder	51.4867	0.95	1	1	14.151162
EV2_str	BOBJ1	221.6967	After	Left Exterior Girder	51.4867	0.95	1	1	12.308615
EV2_str	BOBJ1	221.6967	After	Interior Girder 1	51.4867	0.95	1	1	7.312665
EV2_str	BOBJ1	221.6967	After	Interior Girder 2	51.4867	0.95	1	1	6.805883
EV2_str	BOBJ1	221.6967	After	Interior Girder 3	51.4867	0.95	1	1	5.84815
EV2_str	BOBJ1	221.6967	After	Interior Girder 4	51.4867	0.95	1	1	5.84815
EV2_str	BOBJ1	221.6967	After	Interior Girder 5	51.4867	0.95	1	1	6.805883
EV2_str	BOBJ1	221.6967	After	Interior Girder 6	51.4867	0.95	1	1	7.312665
EV2_str	BOBJ1	221.6967	After	Right Exterior Girder	51.4867	0.95	1	1	12.308615
EV2_str	BOBJ1	228.27	Before	Left Exterior Girder	58.06	0.95	1	1	12.156811
EV2_str	BOBJ1	228.27	Before	Interior Girder 1	58.06	0.95	1	1	7.186654
EV2_str	BOBJ1	228.27	Before	Interior Girder 2	58.06	0.95	1	1	6.68904
EV2_str	BOBJ1	228.27	Before	Interior Girder 3	58.06	0.95	1	1	5.747406
EV2_str	BOBJ1	228.27	Before	Interior Girder 4	58.06	0.95	1	1	5.747406
EV2_str	BOBJ1	228.27	Before	Interior Girder 5	58.06	0.95	1	1	6.68904
EV2_str	BOBJ1	228.27	Before	Interior Girder 6	58.06	0.95	1	1	7.186654
EV2_str	BOBJ1	228.27	Before	Right Exterior Girder	58.06	0.95	1	1	12.156811
EV3_str	BOBJ1	0	After	Left Exterior Girder	0	0.95	1	1	7.236176
EV3_str	BOBJ1	0	After	Interior Girder 1	0	0.95	1	1	4.29561
EV3_str	BOBJ1	0	After	Interior Girder 2	0	0.95	1	1	3.989641
EV3_str	BOBJ1	0	After	Interior Girder 3	0	0.95	1	1	3.407327
EV3_str	BOBJ1	0	After	Interior Girder 4	0	0.95	1	1	3.407327
EV3_str	BOBJ1	0	After	Interior Girder 5	0	0.95	1	1	3.989641
EV3_str	BOBJ1	0	After	Interior Girder 6	0	0.95	1	1	4.29561
EV3_str	BOBJ1	0	After	Right Exterior Girder	0	0.95	1	1	7.236176
EV3_str	BOBJ1	5.3833	Before	Left Exterior Girder	5.3833	0.95	1	1	7.31888
EV3_str	BOBJ1	5.3833	Before	Interior Girder 1	5.3833	0.95	1	1	4.362996
EV3_str	BOBJ1	5.3833	Before	Interior Girder 2	5.3833	0.95	1	1	4.052022
EV3_str	BOBJ1	5.3833	Before	Interior Girder 3	5.3833	0.95	1	1	3.460862
EV3_str	BOBJ1	5.3833	Before	Interior Girder 4	5.3833	0.95	1	1	3.460862
EV3_str	BOBJ1	5.3833	Before	Interior Girder 5	5.3833	0.95	1	1	4.052022
EV3_str	BOBJ1	5.3833	Before	Interior Girder 6	5.3833	0.95	1	1	4.362996
EV3_str	BOBJ1	5.3833	Before	Right Exterior Girder	5.3833	0.95	1	1	7.31888
EV3_str	BOBJ1	5.3833	After	Left Exterior Girder	5.3833	0.95	1	1	8.53788
EV3_str	BOBJ1	5.3833	After	Interior Girder 1	5.3833	0.95	1	1	6.010968
EV3_str	BOBJ1	5.3833	After	Interior Girder 2	5.3833	0.95	1	1	5.45323
EV3_str	BOBJ1	5.3833	After	Interior Girder 3	5.3833	0.95	1	1	5.038874
EV3_str	BOBJ1	5.3833	After	Interior Girder 4	5.3833	0.95	1	1	5.038874
EV3_str	BOBJ1	5.3833	After	Interior Girder 5	5.3833	0.95	1	1	5.45323
EV3_str	BOBJ1	5.3833	After	Interior Girder 6	5.3833	0.95	1	1	6.010968
EV3_str	BOBJ1	5.3833	After	Right Exterior Girder	5.3833	0.95	1	1	8.53788
EV3_str	BOBJ1	10.7667	Before	Left Exterior Girder	10.7667	0.95	1	1	8.632145
EV3_str	BOBJ1	10.7667	Before	Interior Girder 1	10.7667	0.95	1	1	6.103465
EV3_str	BOBJ1	10.7667	Before	Interior Girder 2	10.7667	0.95	1	1	5.536702
EV3_str	BOBJ1	10.7667	Before	Interior Girder 3	10.7667	0.95	1	1	5.116322

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Approach, Span 16-19									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
EV3_str	BOBJ1	10.7667	Before	Interior Girder 4	10.7667	0.95	1	1	5.116322
EV3_str	BOBJ1	10.7667	Before	Interior Girder 5	10.7667	0.95	1	1	5.536702
EV3_str	BOBJ1	10.7667	Before	Interior Girder 6	10.7667	0.95	1	1	6.103465
EV3_str	BOBJ1	10.7667	Before	Right Exterior Girder	10.7667	0.95	1	1	8.632145
EV3_str	BOBJ1	10.7667	After	Left Exterior Girder	10.7667	0.95	1	1	10.744801
EV3_str	BOBJ1	10.7667	After	Interior Girder 1	10.7667	0.95	1	1	8.477985
EV3_str	BOBJ1	10.7667	After	Interior Girder 2	10.7667	0.95	1	1	7.57682
EV3_str	BOBJ1	10.7667	After	Interior Girder 3	10.7667	0.95	1	1	7.23236
EV3_str	BOBJ1	10.7667	After	Interior Girder 4	10.7667	0.95	1	1	7.23236
EV3_str	BOBJ1	10.7667	After	Interior Girder 5	10.7667	0.95	1	1	7.57682
EV3_str	BOBJ1	10.7667	After	Interior Girder 6	10.7667	0.95	1	1	8.477985
EV3_str	BOBJ1	10.7667	After	Right Exterior Girder	10.7667	0.95	1	1	10.744801
EV3_str	BOBJ1	16.15	Before	Left Exterior Girder	16.15	0.95	1	1	10.859615
EV3_str	BOBJ1	16.15	Before	Interior Girder 1	16.15	0.95	1	1	8.605887
EV3_str	BOBJ1	16.15	Before	Interior Girder 2	16.15	0.95	1	1	7.690398
EV3_str	BOBJ1	16.15	Before	Interior Girder 3	16.15	0.95	1	1	7.341183
EV3_str	BOBJ1	16.15	Before	Interior Girder 4	16.15	0.95	1	1	7.341183
EV3_str	BOBJ1	16.15	Before	Interior Girder 5	16.15	0.95	1	1	7.690398
EV3_str	BOBJ1	16.15	Before	Interior Girder 6	16.15	0.95	1	1	8.605887
EV3_str	BOBJ1	16.15	Before	Right Exterior Girder	16.15	0.95	1	1	10.859615
EV3_str	BOBJ1	16.15	After	Left Exterior Girder	16.15	0.95	1	1	18.276385
EV3_str	BOBJ1	16.15	After	Interior Girder 1	16.15	0.95	1	1	8.187101
EV3_str	BOBJ1	16.15	After	Interior Girder 2	16.15	0.95	1	1	7.08824
EV3_str	BOBJ1	16.15	After	Interior Girder 3	16.15	0.95	1	1	5.97347
EV3_str	BOBJ1	16.15	After	Interior Girder 4	16.15	0.95	1	1	5.97347
EV3_str	BOBJ1	16.15	After	Interior Girder 5	16.15	0.95	1	1	7.08824
EV3_str	BOBJ1	16.15	After	Interior Girder 6	16.15	0.95	1	1	8.187101
EV3_str	BOBJ1	16.15	After	Right Exterior Girder	16.15	0.95	1	1	18.276385
EV3_str	BOBJ1	22.1267	Before	Left Exterior Girder	22.1267	0.95	1	1	18.059952
EV3_str	BOBJ1	22.1267	Before	Interior Girder 1	22.1267	0.95	1	1	8.320079
EV3_str	BOBJ1	22.1267	Before	Interior Girder 2	22.1267	0.95	1	1	7.204007
EV3_str	BOBJ1	22.1267	Before	Interior Girder 3	22.1267	0.95	1	1	6.070982
EV3_str	BOBJ1	22.1267	Before	Interior Girder 4	22.1267	0.95	1	1	6.070982
EV3_str	BOBJ1	22.1267	Before	Interior Girder 5	22.1267	0.95	1	1	7.204007
EV3_str	BOBJ1	22.1267	Before	Interior Girder 6	22.1267	0.95	1	1	8.320079
EV3_str	BOBJ1	22.1267	Before	Right Exterior Girder	22.1267	0.95	1	1	18.059952
EV3_str	BOBJ1	22.1267	After	Left Exterior Girder	22.1267	0.95	1	1	12.257435
EV3_str	BOBJ1	22.1267	After	Interior Girder 1	22.1267	0.95	1	1	7.518181
EV3_str	BOBJ1	22.1267	After	Interior Girder 2	22.1267	0.95	1	1	6.881361
EV3_str	BOBJ1	22.1267	After	Interior Girder 3	22.1267	0.95	1	1	5.912694
EV3_str	BOBJ1	22.1267	After	Interior Girder 4	22.1267	0.95	1	1	5.912694
EV3_str	BOBJ1	22.1267	After	Interior Girder 5	22.1267	0.95	1	1	6.881361
EV3_str	BOBJ1	22.1267	After	Interior Girder 6	22.1267	0.95	1	1	7.518181
EV3_str	BOBJ1	22.1267	After	Right Exterior Girder	22.1267	0.95	1	1	12.257435
EV3_str	BOBJ1	28.1033	Before	Left Exterior Girder	28.1033	0.95	1	1	12.106927
EV3_str	BOBJ1	28.1033	Before	Interior Girder 1	28.1033	0.95	1	1	7.390603
EV3_str	BOBJ1	28.1033	Before	Interior Girder 2	28.1033	0.95	1	1	6.765091
EV3_str	BOBJ1	28.1033	Before	Interior Girder 3	28.1033	0.95	1	1	5.812734
EV3_str	BOBJ1	28.1033	Before	Interior Girder 4	28.1033	0.95	1	1	5.812734
EV3_str	BOBJ1	28.1033	Before	Interior Girder 5	28.1033	0.95	1	1	6.765091
EV3_str	BOBJ1	28.1033	Before	Interior Girder 6	28.1033	0.95	1	1	7.390603
EV3_str	BOBJ1	28.1033	Before	Right Exterior Girder	28.1033	0.95	1	1	12.106927
EV3_str	BOBJ1	28.1033	After	Left Exterior Girder	28.1033	0.95	1	1	9.32854
EV3_str	BOBJ1	28.1033	After	Interior Girder 1	28.1033	0.95	1	1	5.178399
EV3_str	BOBJ1	28.1033	After	Interior Girder 2	28.1033	0.95	1	1	4.688697
EV3_str	BOBJ1	28.1033	After	Interior Girder 3	28.1033	0.95	1	1	3.982105
EV3_str	BOBJ1	28.1033	After	Interior Girder 4	28.1033	0.95	1	1	3.982105
EV3_str	BOBJ1	28.1033	After	Interior Girder 5	28.1033	0.95	1	1	4.688697
EV3_str	BOBJ1	28.1033	After	Interior Girder 6	28.1033	0.95	1	1	5.178399
EV3_str	BOBJ1	28.1033	After	Right Exterior Girder	28.1033	0.95	1	1	9.32854
EV3_str	BOBJ1	34.08	Before	Left Exterior Girder	34.08	0.95	1	1	9.209545
EV3_str	BOBJ1	34.08	Before	Interior Girder 1	34.08	0.95	1	1	5.088587
EV3_str	BOBJ1	34.08	Before	Interior Girder 2	34.08	0.95	1	1	4.607605
EV3_str	BOBJ1	34.08	Before	Interior Girder 3	34.08	0.95	1	1	3.913133
EV3_str	BOBJ1	34.08	Before	Interior Girder 4	34.08	0.95	1	1	3.913133

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Approach, Span 16-19									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
EV3_str	BOBJ1	34.08	Before	Interior Girder 5	34.08	0.95	1	1	4.607605
EV3_str	BOBJ1	34.08	Before	Interior Girder 6	34.08	0.95	1	1	5.088587
EV3_str	BOBJ1	34.08	Before	Right Exterior Girder	34.08	0.95	1	1	9.209545
EV3_str	BOBJ1	34.08	After	Left Exterior Girder	34.08	0.95	1	1	6.145895
EV3_str	BOBJ1	34.08	After	Interior Girder 1	34.08	0.95	1	1	4.924149
EV3_str	BOBJ1	34.08	After	Interior Girder 2	34.08	0.95	1	1	4.482203
EV3_str	BOBJ1	34.08	After	Interior Girder 3	34.08	0.95	1	1	3.994179
EV3_str	BOBJ1	34.08	After	Interior Girder 4	34.08	0.95	1	1	3.994179
EV3_str	BOBJ1	34.08	After	Interior Girder 5	34.08	0.95	1	1	4.482203
EV3_str	BOBJ1	34.08	After	Interior Girder 6	34.08	0.95	1	1	4.924149
EV3_str	BOBJ1	34.08	After	Right Exterior Girder	34.08	0.95	1	1	6.145895
EV3_str	BOBJ1	39.855	Before	Left Exterior Girder	39.855	0.95	1	1	6.066754
EV3_str	BOBJ1	39.855	Before	Interior Girder 1	39.855	0.95	1	1	4.839731
EV3_str	BOBJ1	39.855	Before	Interior Girder 2	39.855	0.95	1	1	4.406254
EV3_str	BOBJ1	39.855	Before	Interior Girder 3	39.855	0.95	1	1	3.924883
EV3_str	BOBJ1	39.855	Before	Interior Girder 4	39.855	0.95	1	1	3.924883
EV3_str	BOBJ1	39.855	Before	Interior Girder 5	39.855	0.95	1	1	4.406254
EV3_str	BOBJ1	39.855	Before	Interior Girder 6	39.855	0.95	1	1	4.839731
EV3_str	BOBJ1	39.855	Before	Right Exterior Girder	39.855	0.95	1	1	6.066754
EV3_str	BOBJ1	39.855	After	Left Exterior Girder	39.855	0.95	1	1	3.638299
EV3_str	BOBJ1	39.855	After	Interior Girder 1	39.855	0.95	1	1	4.652583
EV3_str	BOBJ1	39.855	After	Interior Girder 2	39.855	0.95	1	1	3.476286
EV3_str	BOBJ1	39.855	After	Interior Girder 3	39.855	0.95	1	1	2.827732
EV3_str	BOBJ1	39.855	After	Interior Girder 4	39.855	0.95	1	1	2.827732
EV3_str	BOBJ1	39.855	After	Interior Girder 5	39.855	0.95	1	1	3.476286
EV3_str	BOBJ1	39.855	After	Interior Girder 6	39.855	0.95	1	1	4.652583
EV3_str	BOBJ1	39.855	After	Right Exterior Girder	39.855	0.95	1	1	3.638299
EV3_str	BOBJ1	40.0288	Before	Left Exterior Girder	40.0288	0.95	1	1	3.636736
EV3_str	BOBJ1	40.0288	Before	Right Exterior Girder	40.0288	0.95	1	1	3.636736
EV3_str	BOBJ1	40.0288	After	Left Exterior Girder	40.0288	0.95	1	1	5.430633
EV3_str	BOBJ1	40.0288	After	Right Exterior Girder	40.0288	0.95	1	1	5.430633
EV3_str	BOBJ1	45.63	Before	Left Exterior Girder	45.63	0.95	1	1	5.355849
EV3_str	BOBJ1	45.63	Before	Interior Girder 1	45.63	0.95	1	1	3.690903
EV3_str	BOBJ1	45.63	Before	Interior Girder 2	45.63	0.95	1	1	3.416113
EV3_str	BOBJ1	45.63	Before	Interior Girder 3	45.63	0.95	1	1	2.777348
EV3_str	BOBJ1	45.63	Before	Interior Girder 4	45.63	0.95	1	1	2.777348
EV3_str	BOBJ1	45.63	Before	Interior Girder 5	45.63	0.95	1	1	3.416113
EV3_str	BOBJ1	45.63	Before	Interior Girder 6	45.63	0.95	1	1	3.690903
EV3_str	BOBJ1	45.63	Before	Right Exterior Girder	45.63	0.95	1	1	5.355849
EV3_str	BOBJ1	45.63	After	Left Exterior Girder	0	0.95	1	1	4.632188
EV3_str	BOBJ1	45.63	After	Interior Girder 1	0	0.95	1	1	3.523514
EV3_str	BOBJ1	45.63	After	Interior Girder 2	0	0.95	1	1	3.235008
EV3_str	BOBJ1	45.63	After	Interior Girder 3	0	0.95	1	1	2.671717
EV3_str	BOBJ1	45.63	After	Interior Girder 4	0	0.95	1	1	2.671717
EV3_str	BOBJ1	45.63	After	Interior Girder 5	0	0.95	1	1	3.235008
EV3_str	BOBJ1	45.63	After	Interior Girder 6	0	0.95	1	1	3.523514
EV3_str	BOBJ1	45.63	After	Right Exterior Girder	0	0.95	1	1	4.632188
EV3_str	BOBJ1	50.6298	Before	Left Exterior Girder	4.9998	0.95	1	1	4.691163
EV3_str	BOBJ1	50.6298	Before	Right Exterior Girder	4.9998	0.95	1	1	4.691163
EV3_str	BOBJ1	50.6298	After	Left Exterior Girder	4.9998	0.95	1	1	3.460222
EV3_str	BOBJ1	50.6298	After	Right Exterior Girder	4.9998	0.95	1	1	3.460222
EV3_str	BOBJ1	51.4	Before	Left Exterior Girder	5.77	0.95	1	1	3.466909
EV3_str	BOBJ1	51.4	Before	Interior Girder 1	5.77	0.95	1	1	4.156953
EV3_str	BOBJ1	51.4	Before	Interior Girder 2	5.77	0.95	1	1	3.292915
EV3_str	BOBJ1	51.4	Before	Interior Girder 3	5.77	0.95	1	1	2.720966
EV3_str	BOBJ1	51.4	Before	Interior Girder 4	5.77	0.95	1	1	2.720966
EV3_str	BOBJ1	51.4	Before	Interior Girder 5	5.77	0.95	1	1	3.292915
EV3_str	BOBJ1	51.4	Before	Interior Girder 6	5.77	0.95	1	1	4.156953
EV3_str	BOBJ1	51.4	Before	Right Exterior Girder	5.77	0.95	1	1	3.466909
EV3_str	BOBJ1	51.4	After	Left Exterior Girder	5.77	0.95	1	1	5.025211
EV3_str	BOBJ1	51.4	After	Interior Girder 1	5.77	0.95	1	1	4.43128
EV3_str	BOBJ1	51.4	After	Interior Girder 2	5.77	0.95	1	1	4.06429
EV3_str	BOBJ1	51.4	After	Interior Girder 3	5.77	0.95	1	1	3.623667
EV3_str	BOBJ1	51.4	After	Interior Girder 4	5.77	0.95	1	1	3.623667
EV3_str	BOBJ1	51.4	After	Interior Girder 5	5.77	0.95	1	1	4.06429

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Approach, Span 16-19									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
EV3_str	BOBJ1	51.4	After	Interior Girder 6	5.77	0.95	1	1	4.43128
EV3_str	BOBJ1	51.4	After	Right Exterior Girder	5.77	0.95	1	1	5.025211
EV3_str	BOBJ1	57.17	Before	Left Exterior Girder	11.54	0.95	1	1	5.092014
EV3_str	BOBJ1	57.17	Before	Interior Girder 1	11.54	0.95	1	1	4.509805
EV3_str	BOBJ1	57.17	Before	Interior Girder 2	11.54	0.95	1	1	4.135448
EV3_str	BOBJ1	57.17	Before	Interior Girder 3	11.54	0.95	1	1	3.688645
EV3_str	BOBJ1	57.17	Before	Interior Girder 4	11.54	0.95	1	1	3.688645
EV3_str	BOBJ1	57.17	Before	Interior Girder 5	11.54	0.95	1	1	4.135448
EV3_str	BOBJ1	57.17	Before	Interior Girder 6	11.54	0.95	1	1	4.509805
EV3_str	BOBJ1	57.17	Before	Right Exterior Girder	11.54	0.95	1	1	5.092014
EV3_str	BOBJ1	57.17	After	Left Exterior Girder	11.54	0.95	1	1	7.192658
EV3_str	BOBJ1	57.17	After	Interior Girder 1	11.54	0.95	1	1	4.449063
EV3_str	BOBJ1	57.17	After	Interior Girder 2	11.54	0.95	1	1	4.181641
EV3_str	BOBJ1	57.17	After	Interior Girder 3	11.54	0.95	1	1	3.630477
EV3_str	BOBJ1	57.17	After	Interior Girder 4	11.54	0.95	1	1	3.630477
EV3_str	BOBJ1	57.17	After	Interior Girder 5	11.54	0.95	1	1	4.181641
EV3_str	BOBJ1	57.17	After	Interior Girder 6	11.54	0.95	1	1	4.449063
EV3_str	BOBJ1	57.17	After	Right Exterior Girder	11.54	0.95	1	1	7.192658
EV3_str	BOBJ1	63.34	Before	Left Exterior Girder	17.71	0.95	1	1	7.290362
EV3_str	BOBJ1	63.34	Before	Interior Girder 1	17.71	0.95	1	1	4.531588
EV3_str	BOBJ1	63.34	Before	Interior Girder 2	17.71	0.95	1	1	4.258825
EV3_str	BOBJ1	63.34	Before	Interior Girder 3	17.71	0.95	1	1	3.697518
EV3_str	BOBJ1	63.34	Before	Interior Girder 4	17.71	0.95	1	1	3.697518
EV3_str	BOBJ1	63.34	Before	Interior Girder 5	17.71	0.95	1	1	4.258825
EV3_str	BOBJ1	63.34	Before	Interior Girder 6	17.71	0.95	1	1	4.531588
EV3_str	BOBJ1	63.34	Before	Right Exterior Girder	17.71	0.95	1	1	7.290362
EV3_str	BOBJ1	63.34	After	Left Exterior Girder	17.71	0.95	1	1	8.240321
EV3_str	BOBJ1	63.34	After	Interior Girder 1	17.71	0.95	1	1	5.884471
EV3_str	BOBJ1	63.34	After	Interior Girder 2	17.71	0.95	1	1	5.482075
EV3_str	BOBJ1	63.34	After	Interior Girder 3	17.71	0.95	1	1	5.086449
EV3_str	BOBJ1	63.34	After	Interior Girder 4	17.71	0.95	1	1	5.086449
EV3_str	BOBJ1	63.34	After	Interior Girder 5	17.71	0.95	1	1	5.482075
EV3_str	BOBJ1	63.34	After	Interior Girder 6	17.71	0.95	1	1	5.884471
EV3_str	BOBJ1	63.34	After	Right Exterior Girder	17.71	0.95	1	1	8.240321
EV3_str	BOBJ1	69.51	Before	Left Exterior Girder	23.88	0.95	1	1	8.347814
EV3_str	BOBJ1	69.51	Before	Interior Girder 1	23.88	0.95	1	1	5.991113
EV3_str	BOBJ1	69.51	Before	Interior Girder 2	23.88	0.95	1	1	5.580767
EV3_str	BOBJ1	69.51	Before	Interior Girder 3	23.88	0.95	1	1	5.177981
EV3_str	BOBJ1	69.51	Before	Interior Girder 4	23.88	0.95	1	1	5.177981
EV3_str	BOBJ1	69.51	Before	Interior Girder 5	23.88	0.95	1	1	5.580767
EV3_str	BOBJ1	69.51	Before	Interior Girder 6	23.88	0.95	1	1	5.991113
EV3_str	BOBJ1	69.51	Before	Right Exterior Girder	23.88	0.95	1	1	8.347814
EV3_str	BOBJ1	69.51	After	Left Exterior Girder	23.88	0.95	1	1	9.779628
EV3_str	BOBJ1	69.51	After	Interior Girder 1	23.88	0.95	1	1	8.019902
EV3_str	BOBJ1	69.51	After	Interior Girder 2	23.88	0.95	1	1	7.384037
EV3_str	BOBJ1	69.51	After	Interior Girder 3	23.88	0.95	1	1	6.413984
EV3_str	BOBJ1	69.51	After	Interior Girder 4	23.88	0.95	1	1	6.413984
EV3_str	BOBJ1	69.51	After	Interior Girder 5	23.88	0.95	1	1	7.384037
EV3_str	BOBJ1	69.51	After	Interior Girder 6	23.88	0.95	1	1	8.019902
EV3_str	BOBJ1	69.51	After	Right Exterior Girder	23.88	0.95	1	1	9.779628
EV3_str	BOBJ1	75.68	Before	Left Exterior Girder	30.05	0.95	1	1	9.902415
EV3_str	BOBJ1	75.68	Before	Interior Girder 1	30.05	0.95	1	1	8.161876
EV3_str	BOBJ1	75.68	Before	Interior Girder 2	30.05	0.95	1	1	7.509463
EV3_str	BOBJ1	75.68	Before	Interior Girder 3	30.05	0.95	1	1	6.308884
EV3_str	BOBJ1	75.68	Before	Interior Girder 4	30.05	0.95	1	1	6.308884
EV3_str	BOBJ1	75.68	Before	Interior Girder 5	30.05	0.95	1	1	7.509463
EV3_str	BOBJ1	75.68	Before	Interior Girder 6	30.05	0.95	1	1	8.161876
EV3_str	BOBJ1	75.68	Before	Right Exterior Girder	30.05	0.95	1	1	9.902415
EV3_str	BOBJ1	75.68	After	Left Exterior Girder	30.05	0.95	1	1	15.265238
EV3_str	BOBJ1	75.68	After	Interior Girder 1	30.05	0.95	1	1	7.236586
EV3_str	BOBJ1	75.68	After	Interior Girder 2	30.05	0.95	1	1	6.250915
EV3_str	BOBJ1	75.68	After	Interior Girder 3	30.05	0.95	1	1	5.263256
EV3_str	BOBJ1	75.68	After	Interior Girder 4	30.05	0.95	1	1	5.263256
EV3_str	BOBJ1	75.68	After	Interior Girder 5	30.05	0.95	1	1	6.250915
EV3_str	BOBJ1	75.68	After	Interior Girder 6	30.05	0.95	1	1	7.236586

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Approach, Span 16-19									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
EV3_str	BOBJ1	75.68	After	Right Exterior Girder	30.05	0.95	1	1	15.265238
EV3_str	BOBJ1	81.8467	Before	Left Exterior Girder	36.2167	0.95	1	1	15.083407
EV3_str	BOBJ1	81.8467	Before	Interior Girder 1	36.2167	0.95	1	1	7.359927
EV3_str	BOBJ1	81.8467	Before	Interior Girder 2	36.2167	0.95	1	1	6.357916
EV3_str	BOBJ1	81.8467	Before	Interior Girder 3	36.2167	0.95	1	1	5.353375
EV3_str	BOBJ1	81.8467	Before	Interior Girder 4	36.2167	0.95	1	1	5.353375
EV3_str	BOBJ1	81.8467	Before	Interior Girder 5	36.2167	0.95	1	1	6.357916
EV3_str	BOBJ1	81.8467	Before	Interior Girder 6	36.2167	0.95	1	1	7.359927
EV3_str	BOBJ1	81.8467	Before	Right Exterior Girder	36.2167	0.95	1	1	15.083407
EV3_str	BOBJ1	81.8467	After	Left Exterior Girder	36.2167	0.95	1	1	11.877984
EV3_str	BOBJ1	81.8467	After	Interior Girder 1	36.2167	0.95	1	1	7.529186
EV3_str	BOBJ1	81.8467	After	Interior Girder 2	36.2167	0.95	1	1	6.930473
EV3_str	BOBJ1	81.8467	After	Interior Girder 3	36.2167	0.95	1	1	6.175524
EV3_str	BOBJ1	81.8467	After	Interior Girder 4	36.2167	0.95	1	1	6.175524
EV3_str	BOBJ1	81.8467	After	Interior Girder 5	36.2167	0.95	1	1	6.930473
EV3_str	BOBJ1	81.8467	After	Interior Girder 6	36.2167	0.95	1	1	7.529186
EV3_str	BOBJ1	81.8467	After	Right Exterior Girder	36.2167	0.95	1	1	11.877984
EV3_str	BOBJ1	88.0133	Before	Left Exterior Girder	42.3833	0.95	1	1	11.7313
EV3_str	BOBJ1	88.0133	Before	Interior Girder 1	42.3833	0.95	1	1	7.399507
EV3_str	BOBJ1	88.0133	Before	Interior Girder 2	42.3833	0.95	1	1	6.811437
EV3_str	BOBJ1	88.0133	Before	Interior Girder 3	42.3833	0.95	1	1	6.069536
EV3_str	BOBJ1	88.0133	Before	Interior Girder 4	42.3833	0.95	1	1	6.069536
EV3_str	BOBJ1	88.0133	Before	Interior Girder 5	42.3833	0.95	1	1	6.811437
EV3_str	BOBJ1	88.0133	Before	Interior Girder 6	42.3833	0.95	1	1	7.399507
EV3_str	BOBJ1	88.0133	Before	Right Exterior Girder	42.3833	0.95	1	1	11.7313
EV3_str	BOBJ1	88.0133	After	Left Exterior Girder	42.3833	0.95	1	1	9.917187
EV3_str	BOBJ1	88.0133	After	Interior Girder 1	42.3833	0.95	1	1	5.454625
EV3_str	BOBJ1	88.0133	After	Interior Girder 2	42.3833	0.95	1	1	5.005371
EV3_str	BOBJ1	88.0133	After	Interior Girder 3	42.3833	0.95	1	1	4.291821
EV3_str	BOBJ1	88.0133	After	Interior Girder 4	42.3833	0.95	1	1	4.291821
EV3_str	BOBJ1	88.0133	After	Interior Girder 5	42.3833	0.95	1	1	5.005371
EV3_str	BOBJ1	88.0133	After	Interior Girder 6	42.3833	0.95	1	1	5.454625
EV3_str	BOBJ1	88.0133	After	Right Exterior Girder	42.3833	0.95	1	1	9.917187
EV3_str	BOBJ1	94.18	Before	Left Exterior Girder	48.55	0.95	1	1	9.789999
EV3_str	BOBJ1	94.18	Before	Interior Girder 1	48.55	0.95	1	1	5.358534
EV3_str	BOBJ1	94.18	Before	Interior Girder 2	48.55	0.95	1	1	4.917294
EV3_str	BOBJ1	94.18	Before	Interior Girder 3	48.55	0.95	1	1	4.216356
EV3_str	BOBJ1	94.18	Before	Interior Girder 4	48.55	0.95	1	1	4.216356
EV3_str	BOBJ1	94.18	Before	Interior Girder 5	48.55	0.95	1	1	4.917294
EV3_str	BOBJ1	94.18	Before	Interior Girder 6	48.55	0.95	1	1	5.358534
EV3_str	BOBJ1	94.18	Before	Right Exterior Girder	48.55	0.95	1	1	9.789999
EV3_str	BOBJ1	94.18	After	Left Exterior Girder	48.55	0.95	1	1	6.26325
EV3_str	BOBJ1	94.18	After	Interior Girder 1	48.55	0.95	1	1	5.707726
EV3_str	BOBJ1	94.18	After	Interior Girder 2	48.55	0.95	1	1	5.232279
EV3_str	BOBJ1	94.18	After	Interior Girder 3	48.55	0.95	1	1	4.910278
EV3_str	BOBJ1	94.18	After	Interior Girder 4	48.55	0.95	1	1	4.910278
EV3_str	BOBJ1	94.18	After	Interior Girder 5	48.55	0.95	1	1	5.232279
EV3_str	BOBJ1	94.18	After	Interior Girder 6	48.55	0.95	1	1	5.707726
EV3_str	BOBJ1	94.18	After	Right Exterior Girder	48.55	0.95	1	1	6.26325
EV3_str	BOBJ1	100.3567	Before	Left Exterior Girder	54.7267	0.95	1	1	6.179786
EV3_str	BOBJ1	100.3567	Before	Interior Girder 1	54.7267	0.95	1	1	5.603998
EV3_str	BOBJ1	100.3567	Before	Interior Girder 2	54.7267	0.95	1	1	5.138181
EV3_str	BOBJ1	100.3567	Before	Interior Girder 3	54.7267	0.95	1	1	4.821021
EV3_str	BOBJ1	100.3567	Before	Interior Girder 4	54.7267	0.95	1	1	4.821021
EV3_str	BOBJ1	100.3567	Before	Interior Girder 5	54.7267	0.95	1	1	5.138181
EV3_str	BOBJ1	100.3567	Before	Interior Girder 6	54.7267	0.95	1	1	5.603998
EV3_str	BOBJ1	100.3567	Before	Right Exterior Girder	54.7267	0.95	1	1	6.179786
EV3_str	BOBJ1	100.3567	After	Left Exterior Girder	54.7267	0.95	1	1	5.561631
EV3_str	BOBJ1	100.3567	After	Interior Girder 1	54.7267	0.95	1	1	4.378641
EV3_str	BOBJ1	100.3567	After	Interior Girder 2	54.7267	0.95	1	1	4.047203
EV3_str	BOBJ1	100.3567	After	Interior Girder 3	54.7267	0.95	1	1	3.628241
EV3_str	BOBJ1	100.3567	After	Interior Girder 4	54.7267	0.95	1	1	3.628241
EV3_str	BOBJ1	100.3567	After	Interior Girder 5	54.7267	0.95	1	1	4.047203
EV3_str	BOBJ1	100.3567	After	Interior Girder 6	54.7267	0.95	1	1	4.378641
EV3_str	BOBJ1	100.3567	After	Right Exterior Girder	54.7267	0.95	1	1	5.561631

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Approach, Span 16-19									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
EV3_str	BOBJ1	106.5333	Before	Left Exterior Girder	60.9033	0.95	1	1	5.48437
EV3_str	BOBJ1	106.5333	Before	Interior Girder 1	60.9033	0.95	1	1	4.297208
EV3_str	BOBJ1	106.5333	Before	Interior Girder 2	60.9033	0.95	1	1	3.972619
EV3_str	BOBJ1	106.5333	Before	Interior Girder 3	60.9033	0.95	1	1	3.560505
EV3_str	BOBJ1	106.5333	Before	Interior Girder 4	60.9033	0.95	1	1	3.560505
EV3_str	BOBJ1	106.5333	Before	Interior Girder 5	60.9033	0.95	1	1	3.972619
EV3_str	BOBJ1	106.5333	Before	Interior Girder 6	60.9033	0.95	1	1	4.297208
EV3_str	BOBJ1	106.5333	Before	Right Exterior Girder	60.9033	0.95	1	1	5.48437
EV3_str	BOBJ1	106.5333	After	Left Exterior Girder	60.9033	0.95	1	1	4.540123
EV3_str	BOBJ1	106.5333	After	Interior Girder 1	60.9033	0.95	1	1	3.595649
EV3_str	BOBJ1	106.5333	After	Interior Girder 2	60.9033	0.95	1	1	3.18785
EV3_str	BOBJ1	106.5333	After	Interior Girder 3	60.9033	0.95	1	1	2.623554
EV3_str	BOBJ1	106.5333	After	Interior Girder 4	60.9033	0.95	1	1	2.623554
EV3_str	BOBJ1	106.5333	After	Interior Girder 5	60.9033	0.95	1	1	3.18785
EV3_str	BOBJ1	106.5333	After	Interior Girder 6	60.9033	0.95	1	1	3.595649
EV3_str	BOBJ1	106.5333	After	Right Exterior Girder	60.9033	0.95	1	1	4.540123
EV3_str	BOBJ1	108.2102	Before	Left Exterior Girder	62.5802	0.95	1	1	4.521943
EV3_str	BOBJ1	108.2102	Before	Right Exterior Girder	62.5802	0.95	1	1	4.521943
EV3_str	BOBJ1	108.2102	After	Left Exterior Girder	62.5802	0.95	1	1	5.044283
EV3_str	BOBJ1	108.2102	After	Right Exterior Girder	62.5802	0.95	1	1	5.044283
EV3_str	BOBJ1	112.71	Before	Left Exterior Girder	67.08	0.95	1	1	4.987416
EV3_str	BOBJ1	112.71	Before	Interior Girder 1	67.08	0.95	1	1	3.3708
EV3_str	BOBJ1	112.71	Before	Interior Girder 2	67.08	0.95	1	1	3.1277
EV3_str	BOBJ1	112.71	Before	Interior Girder 3	67.08	0.95	1	1	2.573155
EV3_str	BOBJ1	112.71	Before	Interior Girder 4	67.08	0.95	1	1	2.573155
EV3_str	BOBJ1	112.71	Before	Interior Girder 5	67.08	0.95	1	1	3.1277
EV3_str	BOBJ1	112.71	Before	Interior Girder 6	67.08	0.95	1	1	3.3708
EV3_str	BOBJ1	112.71	Before	Right Exterior Girder	67.08	0.95	1	1	4.987416
EV3_str	BOBJ1	112.71	After	Left Exterior Girder	0	0.95	1	1	5.613834
EV3_str	BOBJ1	112.71	After	Interior Girder 1	0	0.95	1	1	3.591098
EV3_str	BOBJ1	112.71	After	Interior Girder 2	0	0.95	1	1	3.303178
EV3_str	BOBJ1	112.71	After	Interior Girder 3	0	0.95	1	1	2.692889
EV3_str	BOBJ1	112.71	After	Interior Girder 4	0	0.95	1	1	2.692889
EV3_str	BOBJ1	112.71	After	Interior Girder 5	0	0.95	1	1	3.303178
EV3_str	BOBJ1	112.71	After	Interior Girder 6	0	0.95	1	1	3.591098
EV3_str	BOBJ1	112.71	After	Right Exterior Girder	0	0.95	1	1	5.613834
EV3_str	BOBJ1	117.21	Before	Left Exterior Girder	4.5	0.95	1	1	5.676
EV3_str	BOBJ1	117.21	Before	Right Exterior Girder	4.5	0.95	1	1	5.676
EV3_str	BOBJ1	117.21	After	Left Exterior Girder	4.5	0.95	1	1	5.478746
EV3_str	BOBJ1	117.21	After	Right Exterior Girder	4.5	0.95	1	1	5.478746
EV3_str	BOBJ1	119.1	Before	Left Exterior Girder	6.39	0.95	1	1	5.502651
EV3_str	BOBJ1	119.1	Before	Interior Girder 1	6.39	0.95	1	1	3.746443
EV3_str	BOBJ1	119.1	Before	Interior Girder 2	6.39	0.95	1	1	3.367416
EV3_str	BOBJ1	119.1	Before	Interior Girder 3	6.39	0.95	1	1	2.746264
EV3_str	BOBJ1	119.1	Before	Interior Girder 4	6.39	0.95	1	1	2.746264
EV3_str	BOBJ1	119.1	Before	Interior Girder 5	6.39	0.95	1	1	3.367416
EV3_str	BOBJ1	119.1	Before	Interior Girder 6	6.39	0.95	1	1	3.746443
EV3_str	BOBJ1	119.1	Before	Right Exterior Girder	6.39	0.95	1	1	5.502651
EV3_str	BOBJ1	119.1	After	Left Exterior Girder	6.39	0.95	1	1	6.521953
EV3_str	BOBJ1	119.1	After	Interior Girder 1	6.39	0.95	1	1	4.740014
EV3_str	BOBJ1	119.1	After	Interior Girder 2	6.39	0.95	1	1	4.344841
EV3_str	BOBJ1	119.1	After	Interior Girder 3	6.39	0.95	1	1	3.832927
EV3_str	BOBJ1	119.1	After	Interior Girder 4	6.39	0.95	1	1	3.832927
EV3_str	BOBJ1	119.1	After	Interior Girder 5	6.39	0.95	1	1	4.344841
EV3_str	BOBJ1	119.1	After	Interior Girder 6	6.39	0.95	1	1	4.740014
EV3_str	BOBJ1	119.1	After	Right Exterior Girder	6.39	0.95	1	1	6.521953
EV3_str	BOBJ1	125.49	Before	Left Exterior Girder	12.78	0.95	1	1	6.614205
EV3_str	BOBJ1	125.49	Before	Interior Girder 1	12.78	0.95	1	1	4.830614
EV3_str	BOBJ1	125.49	Before	Interior Girder 2	12.78	0.95	1	1	4.427306
EV3_str	BOBJ1	125.49	Before	Interior Girder 3	12.78	0.95	1	1	3.9067
EV3_str	BOBJ1	125.49	Before	Interior Girder 4	12.78	0.95	1	1	3.9067
EV3_str	BOBJ1	125.49	Before	Interior Girder 5	12.78	0.95	1	1	4.427306
EV3_str	BOBJ1	125.49	Before	Interior Girder 6	12.78	0.95	1	1	4.830614
EV3_str	BOBJ1	125.49	Before	Right Exterior Girder	12.78	0.95	1	1	6.614205
EV3_str	BOBJ1	125.49	After	Left Exterior Girder	12.78	0.95	1	1	7.765771

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Approach, Span 16-19									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
EV3_str	BOBJ1	125.49	After	Interior Girder 1	12.78	0.95	1	1	6.528113
EV3_str	BOBJ1	125.49	After	Interior Girder 2	12.78	0.95	1	1	5.869594
EV3_str	BOBJ1	125.49	After	Interior Girder 3	12.78	0.95	1	1	5.477988
EV3_str	BOBJ1	125.49	After	Interior Girder 4	12.78	0.95	1	1	5.477988
EV3_str	BOBJ1	125.49	After	Interior Girder 5	12.78	0.95	1	1	5.869594
EV3_str	BOBJ1	125.49	After	Interior Girder 6	12.78	0.95	1	1	6.528113
EV3_str	BOBJ1	125.49	After	Right Exterior Girder	12.78	0.95	1	1	7.765771
EV3_str	BOBJ1	131.88	Before	Left Exterior Girder	19.17	0.95	1	1	7.871052
EV3_str	BOBJ1	131.88	Before	Interior Girder 1	19.17	0.95	1	1	6.649959
EV3_str	BOBJ1	131.88	Before	Interior Girder 2	19.17	0.95	1	1	5.978239
EV3_str	BOBJ1	131.88	Before	Interior Girder 3	19.17	0.95	1	1	5.580579
EV3_str	BOBJ1	131.88	Before	Interior Girder 4	19.17	0.95	1	1	5.580579
EV3_str	BOBJ1	131.88	Before	Interior Girder 5	19.17	0.95	1	1	5.978239
EV3_str	BOBJ1	131.88	Before	Interior Girder 6	19.17	0.95	1	1	6.649959
EV3_str	BOBJ1	131.88	Before	Right Exterior Girder	19.17	0.95	1	1	7.871052
EV3_str	BOBJ1	131.88	After	Left Exterior Girder	19.17	0.95	1	1	13.727549
EV3_str	BOBJ1	131.88	After	Interior Girder 1	19.17	0.95	1	1	6.308544
EV3_str	BOBJ1	131.88	After	Interior Girder 2	19.17	0.95	1	1	5.627891
EV3_str	BOBJ1	131.88	After	Interior Girder 3	19.17	0.95	1	1	4.749645
EV3_str	BOBJ1	131.88	After	Interior Girder 4	19.17	0.95	1	1	4.749645
EV3_str	BOBJ1	131.88	After	Interior Girder 5	19.17	0.95	1	1	5.627891
EV3_str	BOBJ1	131.88	After	Interior Girder 6	19.17	0.95	1	1	6.308544
EV3_str	BOBJ1	131.88	After	Right Exterior Girder	19.17	0.95	1	1	13.727549
EV3_str	BOBJ1	138.27	Before	Left Exterior Girder	25.56	0.95	1	1	13.906469
EV3_str	BOBJ1	138.27	Before	Interior Girder 1	25.56	0.95	1	1	6.422792
EV3_str	BOBJ1	138.27	Before	Interior Girder 2	25.56	0.95	1	1	5.730006
EV3_str	BOBJ1	138.27	Before	Interior Girder 3	25.56	0.95	1	1	4.835847
EV3_str	BOBJ1	138.27	Before	Interior Girder 4	25.56	0.95	1	1	4.835847
EV3_str	BOBJ1	138.27	Before	Interior Girder 5	25.56	0.95	1	1	5.730006
EV3_str	BOBJ1	138.27	Before	Interior Girder 6	25.56	0.95	1	1	6.422792
EV3_str	BOBJ1	138.27	Before	Right Exterior Girder	25.56	0.95	1	1	13.906469
EV3_str	BOBJ1	138.27	After	Left Exterior Girder	25.56	0.95	1	1	16.859702
EV3_str	BOBJ1	138.27	After	Interior Girder 1	25.56	0.95	1	1	9.440203
EV3_str	BOBJ1	138.27	After	Interior Girder 2	25.56	0.95	1	1	8.425964
EV3_str	BOBJ1	138.27	After	Interior Girder 3	25.56	0.95	1	1	7.250461
EV3_str	BOBJ1	138.27	After	Interior Girder 4	25.56	0.95	1	1	7.250461
EV3_str	BOBJ1	138.27	After	Interior Girder 5	25.56	0.95	1	1	8.425964
EV3_str	BOBJ1	138.27	After	Interior Girder 6	25.56	0.95	1	1	9.440203
EV3_str	BOBJ1	138.27	After	Right Exterior Girder	25.56	0.95	1	1	16.859702
EV3_str	BOBJ1	144.66	Before	Left Exterior Girder	31.95	0.95	1	1	16.649683
EV3_str	BOBJ1	144.66	Before	Interior Girder 1	31.95	0.95	1	1	9.275757
EV3_str	BOBJ1	144.66	Before	Interior Girder 2	31.95	0.95	1	1	8.279235
EV3_str	BOBJ1	144.66	Before	Interior Girder 3	31.95	0.95	1	1	7.124212
EV3_str	BOBJ1	144.66	Before	Interior Girder 4	31.95	0.95	1	1	7.124212
EV3_str	BOBJ1	144.66	Before	Interior Girder 5	31.95	0.95	1	1	8.279235
EV3_str	BOBJ1	144.66	Before	Interior Girder 6	31.95	0.95	1	1	9.275757
EV3_str	BOBJ1	144.66	Before	Right Exterior Girder	31.95	0.95	1	1	16.649683
EV3_str	BOBJ1	144.66	After	Left Exterior Girder	31.95	0.95	1	1	12.688496
EV3_str	BOBJ1	144.66	After	Interior Girder 1	31.95	0.95	1	1	6.250298
EV3_str	BOBJ1	144.66	After	Interior Girder 2	31.95	0.95	1	1	5.580556
EV3_str	BOBJ1	144.66	After	Interior Girder 3	31.95	0.95	1	1	4.724012
EV3_str	BOBJ1	144.66	After	Interior Girder 4	31.95	0.95	1	1	4.724012
EV3_str	BOBJ1	144.66	After	Interior Girder 5	31.95	0.95	1	1	5.580556
EV3_str	BOBJ1	144.66	After	Interior Girder 6	31.95	0.95	1	1	6.250298
EV3_str	BOBJ1	144.66	After	Right Exterior Girder	31.95	0.95	1	1	12.688496
EV3_str	BOBJ1	151.05	Before	Left Exterior Girder	38.34	0.95	1	1	12.524261
EV3_str	BOBJ1	151.05	Before	Interior Girder 1	38.34	0.95	1	1	6.138909
EV3_str	BOBJ1	151.05	Before	Interior Girder 2	38.34	0.95	1	1	5.48098
EV3_str	BOBJ1	151.05	Before	Interior Girder 3	38.34	0.95	1	1	4.639706
EV3_str	BOBJ1	151.05	Before	Interior Girder 4	38.34	0.95	1	1	4.639706
EV3_str	BOBJ1	151.05	Before	Interior Girder 5	38.34	0.95	1	1	5.48098
EV3_str	BOBJ1	151.05	Before	Interior Girder 6	38.34	0.95	1	1	6.138909
EV3_str	BOBJ1	151.05	Before	Right Exterior Girder	38.34	0.95	1	1	12.524261
EV3_str	BOBJ1	151.05	After	Left Exterior Girder	38.34	0.95	1	1	7.435017
EV3_str	BOBJ1	151.05	After	Interior Girder 1	38.34	0.95	1	1	6.407369

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Approach, Span 16-19									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
EV3_str	BOBJ1	151.05	After	Interior Girder 2	38.34	0.95	1	1	5.758361
EV3_str	BOBJ1	151.05	After	Interior Girder 3	38.34	0.95	1	1	5.350234
EV3_str	BOBJ1	151.05	After	Interior Girder 4	38.34	0.95	1	1	5.350234
EV3_str	BOBJ1	151.05	After	Interior Girder 5	38.34	0.95	1	1	5.758361
EV3_str	BOBJ1	151.05	After	Interior Girder 6	38.34	0.95	1	1	6.407369
EV3_str	BOBJ1	151.05	After	Right Exterior Girder	38.34	0.95	1	1	7.435017
EV3_str	BOBJ1	157.4367	Before	Left Exterior Girder	44.7267	0.95	1	1	7.334893
EV3_str	BOBJ1	157.4367	Before	Interior Girder 1	44.7267	0.95	1	1	6.289933
EV3_str	BOBJ1	157.4367	Before	Interior Girder 2	44.7267	0.95	1	1	5.653709
EV3_str	BOBJ1	157.4367	Before	Interior Girder 3	44.7267	0.95	1	1	5.251729
EV3_str	BOBJ1	157.4367	Before	Interior Girder 4	44.7267	0.95	1	1	5.251729
EV3_str	BOBJ1	157.4367	Before	Interior Girder 5	44.7267	0.95	1	1	5.653709
EV3_str	BOBJ1	157.4367	Before	Interior Girder 6	44.7267	0.95	1	1	6.289933
EV3_str	BOBJ1	157.4367	Before	Right Exterior Girder	44.7267	0.95	1	1	7.334893
EV3_str	BOBJ1	157.4367	After	Left Exterior Girder	44.7267	0.95	1	1	6.274235
EV3_str	BOBJ1	157.4367	After	Interior Girder 1	44.7267	0.95	1	1	4.740907
EV3_str	BOBJ1	157.4367	After	Interior Girder 2	44.7267	0.95	1	1	4.292744
EV3_str	BOBJ1	157.4367	After	Interior Girder 3	44.7267	0.95	1	1	3.613828
EV3_str	BOBJ1	157.4367	After	Interior Girder 4	44.7267	0.95	1	1	3.613828
EV3_str	BOBJ1	157.4367	After	Interior Girder 5	44.7267	0.95	1	1	4.292744
EV3_str	BOBJ1	157.4367	After	Interior Girder 6	44.7267	0.95	1	1	4.740907
EV3_str	BOBJ1	157.4367	After	Right Exterior Girder	44.7267	0.95	1	1	6.274235
EV3_str	BOBJ1	158.71	Before	Left Exterior Girder	46	0.95	1	1	6.256778
EV3_str	BOBJ1	158.71	Before	Interior Girder 1	46	0.95	1	1	4.723282
EV3_str	BOBJ1	158.71	Before	Interior Girder 2	46	0.95	1	1	4.27687
EV3_str	BOBJ1	158.71	Before	Interior Girder 3	46	0.95	1	1	3.600231
EV3_str	BOBJ1	158.71	Before	Interior Girder 4	46	0.95	1	1	3.600231
EV3_str	BOBJ1	158.71	Before	Interior Girder 5	46	0.95	1	1	4.27687
EV3_str	BOBJ1	158.71	Before	Interior Girder 6	46	0.95	1	1	4.723282
EV3_str	BOBJ1	158.71	Before	Right Exterior Girder	46	0.95	1	1	6.256778
EV3_str	BOBJ1	158.71	After	Left Exterior Girder	46	0.95	1	1	7.798314
EV3_str	BOBJ1	158.71	After	Interior Girder 1	46	0.95	1	1	5.181837
EV3_str	BOBJ1	158.71	After	Interior Girder 2	46	0.95	1	1	4.76516
EV3_str	BOBJ1	158.71	After	Interior Girder 3	46	0.95	1	1	4.094541
EV3_str	BOBJ1	158.71	After	Interior Girder 4	46	0.95	1	1	4.094541
EV3_str	BOBJ1	158.71	After	Interior Girder 5	46	0.95	1	1	4.76516
EV3_str	BOBJ1	158.71	After	Interior Girder 6	46	0.95	1	1	5.181837
EV3_str	BOBJ1	158.71	After	Right Exterior Girder	46	0.95	1	1	7.798314
EV3_str	BOBJ1	163.8233	Before	Left Exterior Girder	51.1133	0.95	1	1	7.722852
EV3_str	BOBJ1	163.8233	Before	Interior Girder 1	51.1133	0.95	1	1	5.112645
EV3_str	BOBJ1	163.8233	Before	Interior Girder 2	51.1133	0.95	1	1	4.701911
EV3_str	BOBJ1	163.8233	Before	Interior Girder 3	51.1133	0.95	1	1	4.039443
EV3_str	BOBJ1	163.8233	Before	Interior Girder 4	51.1133	0.95	1	1	4.039443
EV3_str	BOBJ1	163.8233	Before	Interior Girder 5	51.1133	0.95	1	1	4.701911
EV3_str	BOBJ1	163.8233	Before	Interior Girder 6	51.1133	0.95	1	1	5.112645
EV3_str	BOBJ1	163.8233	Before	Right Exterior Girder	51.1133	0.95	1	1	7.722852
EV3_str	BOBJ1	163.8233	After	Left Exterior Girder	51.1133	0.95	1	1	6.00235
EV3_str	BOBJ1	163.8233	After	Interior Girder 1	51.1133	0.95	1	1	4.511937
EV3_str	BOBJ1	163.8233	After	Interior Girder 2	51.1133	0.95	1	1	3.889184
EV3_str	BOBJ1	163.8233	After	Interior Girder 3	51.1133	0.95	1	1	3.164687
EV3_str	BOBJ1	163.8233	After	Interior Girder 4	51.1133	0.95	1	1	3.164687
EV3_str	BOBJ1	163.8233	After	Interior Girder 5	51.1133	0.95	1	1	3.889184
EV3_str	BOBJ1	163.8233	After	Interior Girder 6	51.1133	0.95	1	1	4.511937
EV3_str	BOBJ1	163.8233	After	Right Exterior Girder	51.1133	0.95	1	1	6.00235
EV3_str	BOBJ1	164.71	Before	Left Exterior Girder	52	0.95	1	1	5.991858
EV3_str	BOBJ1	164.71	Before	Right Exterior Girder	52	0.95	1	1	5.991858
EV3_str	BOBJ1	164.71	After	Left Exterior Girder	52	0.95	1	1	7.070005
EV3_str	BOBJ1	164.71	After	Right Exterior Girder	52	0.95	1	1	7.070005
EV3_str	BOBJ1	170.21	Before	Left Exterior Girder	57.5	0.95	1	1	6.987229
EV3_str	BOBJ1	170.21	Before	Interior Girder 1	57.5	0.95	1	1	4.151723
EV3_str	BOBJ1	170.21	Before	Interior Girder 2	57.5	0.95	1	1	3.823601
EV3_str	BOBJ1	170.21	Before	Interior Girder 3	57.5	0.95	1	1	3.110358
EV3_str	BOBJ1	170.21	Before	Interior Girder 4	57.5	0.95	1	1	3.110358
EV3_str	BOBJ1	170.21	Before	Interior Girder 5	57.5	0.95	1	1	3.823601
EV3_str	BOBJ1	170.21	Before	Interior Girder 6	57.5	0.95	1	1	4.151723

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Approach, Span 16-19									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
EV3_str	BOBJ1	170.21	Before	Right Exterior Girder	57.5	0.95	1	1	6.987229
EV3_str	BOBJ1	170.21	After	Left Exterior Girder	0	0.95	1	1	6.334517
EV3_str	BOBJ1	170.21	After	Interior Girder 1	0	0.95	1	1	3.911874
EV3_str	BOBJ1	170.21	After	Interior Girder 2	0	0.95	1	1	3.622462
EV3_str	BOBJ1	170.21	After	Interior Girder 3	0	0.95	1	1	2.970019
EV3_str	BOBJ1	170.21	After	Interior Girder 4	0	0.95	1	1	2.970019
EV3_str	BOBJ1	170.21	After	Interior Girder 5	0	0.95	1	1	3.622462
EV3_str	BOBJ1	170.21	After	Interior Girder 6	0	0.95	1	1	3.911874
EV3_str	BOBJ1	170.21	After	Right Exterior Girder	0	0.95	1	1	6.334517
EV3_str	BOBJ1	176.21	Before	Left Exterior Girder	6	0.95	1	1	6.418897
EV3_str	BOBJ1	176.21	Before	Right Exterior Girder	6	0.95	1	1	6.418897
EV3_str	BOBJ1	176.21	After	Left Exterior Girder	6	0.95	1	1	4.200702
EV3_str	BOBJ1	176.21	After	Right Exterior Girder	6	0.95	1	1	4.200702
EV3_str	BOBJ1	176.6	Before	Left Exterior Girder	6.39	0.95	1	1	4.204194
EV3_str	BOBJ1	176.6	Before	Interior Girder 1	6.39	0.95	1	1	4.847937
EV3_str	BOBJ1	176.6	Before	Interior Girder 2	6.39	0.95	1	1	3.686174
EV3_str	BOBJ1	176.6	Before	Interior Girder 3	6.39	0.95	1	1	3.023186
EV3_str	BOBJ1	176.6	Before	Interior Girder 4	6.39	0.95	1	1	3.023186
EV3_str	BOBJ1	176.6	Before	Interior Girder 5	6.39	0.95	1	1	3.686174
EV3_str	BOBJ1	176.6	Before	Interior Girder 6	6.39	0.95	1	1	4.847937
EV3_str	BOBJ1	176.6	Before	Right Exterior Girder	6.39	0.95	1	1	4.204194
EV3_str	BOBJ1	176.6	After	Left Exterior Girder	6.39	0.95	1	1	6.803053
EV3_str	BOBJ1	176.6	After	Interior Girder 1	6.39	0.95	1	1	4.994744
EV3_str	BOBJ1	176.6	After	Interior Girder 2	6.39	0.95	1	1	4.563258
EV3_str	BOBJ1	176.6	After	Interior Girder 3	6.39	0.95	1	1	4.067953
EV3_str	BOBJ1	176.6	After	Interior Girder 4	6.39	0.95	1	1	4.067953
EV3_str	BOBJ1	176.6	After	Interior Girder 5	6.39	0.95	1	1	4.563258
EV3_str	BOBJ1	176.6	After	Interior Girder 6	6.39	0.95	1	1	4.994744
EV3_str	BOBJ1	176.6	After	Right Exterior Girder	6.39	0.95	1	1	6.803053
EV3_str	BOBJ1	182.99	Before	Left Exterior Girder	12.78	0.95	1	1	6.888422
EV3_str	BOBJ1	182.99	Before	Interior Girder 1	12.78	0.95	1	1	5.081392
EV3_str	BOBJ1	182.99	Before	Interior Girder 2	12.78	0.95	1	1	4.641799
EV3_str	BOBJ1	182.99	Before	Interior Girder 3	12.78	0.95	1	1	4.138876
EV3_str	BOBJ1	182.99	Before	Interior Girder 4	12.78	0.95	1	1	4.138876
EV3_str	BOBJ1	182.99	Before	Interior Girder 5	12.78	0.95	1	1	4.641799
EV3_str	BOBJ1	182.99	Before	Interior Girder 6	12.78	0.95	1	1	5.081392
EV3_str	BOBJ1	182.99	Before	Right Exterior Girder	12.78	0.95	1	1	6.888422
EV3_str	BOBJ1	182.99	After	Left Exterior Girder	12.78	0.95	1	1	7.636673
EV3_str	BOBJ1	182.99	After	Interior Girder 1	12.78	0.95	1	1	6.506848
EV3_str	BOBJ1	182.99	After	Interior Girder 2	12.78	0.95	1	1	5.864541
EV3_str	BOBJ1	182.99	After	Interior Girder 3	12.78	0.95	1	1	5.467985
EV3_str	BOBJ1	182.99	After	Interior Girder 4	12.78	0.95	1	1	5.467985
EV3_str	BOBJ1	182.99	After	Interior Girder 5	12.78	0.95	1	1	5.864541
EV3_str	BOBJ1	182.99	After	Interior Girder 6	12.78	0.95	1	1	6.506848
EV3_str	BOBJ1	182.99	After	Right Exterior Girder	12.78	0.95	1	1	7.636673
EV3_str	BOBJ1	189.38	Before	Left Exterior Girder	19.17	0.95	1	1	7.7291
EV3_str	BOBJ1	189.38	Before	Interior Girder 1	19.17	0.95	1	1	6.617355
EV3_str	BOBJ1	189.38	Before	Interior Girder 2	19.17	0.95	1	1	5.963234
EV3_str	BOBJ1	189.38	Before	Interior Girder 3	19.17	0.95	1	1	5.560989
EV3_str	BOBJ1	189.38	Before	Interior Girder 4	19.17	0.95	1	1	5.560989
EV3_str	BOBJ1	189.38	Before	Interior Girder 5	19.17	0.95	1	1	5.963234
EV3_str	BOBJ1	189.38	Before	Interior Girder 6	19.17	0.95	1	1	6.617355
EV3_str	BOBJ1	189.38	Before	Right Exterior Girder	19.17	0.95	1	1	7.7291
EV3_str	BOBJ1	189.38	After	Left Exterior Girder	19.17	0.95	1	1	12.047048
EV3_str	BOBJ1	189.38	After	Interior Girder 1	19.17	0.95	1	1	6.199797
EV3_str	BOBJ1	189.38	After	Interior Girder 2	19.17	0.95	1	1	5.610011
EV3_str	BOBJ1	189.38	After	Interior Girder 3	19.17	0.95	1	1	4.790478
EV3_str	BOBJ1	189.38	After	Interior Girder 4	19.17	0.95	1	1	4.790478
EV3_str	BOBJ1	189.38	After	Interior Girder 5	19.17	0.95	1	1	5.610011
EV3_str	BOBJ1	189.38	After	Interior Girder 6	19.17	0.95	1	1	6.199797
EV3_str	BOBJ1	189.38	After	Right Exterior Girder	19.17	0.95	1	1	12.047048
EV3_str	BOBJ1	195.77	Before	Left Exterior Girder	25.56	0.95	1	1	12.188152
EV3_str	BOBJ1	195.77	Before	Interior Girder 1	25.56	0.95	1	1	6.302355
EV3_str	BOBJ1	195.77	Before	Interior Girder 2	25.56	0.95	1	1	5.702698
EV3_str	BOBJ1	195.77	Before	Interior Girder 3	25.56	0.95	1	1	4.869587

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Approach, Span 16-19									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
EV3_str	BOBJ1	195.77	Before	Interior Girder 4	25.56	0.95	1	1	4.869587
EV3_str	BOBJ1	195.77	Before	Interior Girder 5	25.56	0.95	1	1	5.702698
EV3_str	BOBJ1	195.77	Before	Interior Girder 6	25.56	0.95	1	1	6.302355
EV3_str	BOBJ1	195.77	Before	Right Exterior Girder	25.56	0.95	1	1	12.188152
EV3_str	BOBJ1	195.77	After	Left Exterior Girder	25.56	0.95	1	1	15.035038
EV3_str	BOBJ1	195.77	After	Interior Girder 1	25.56	0.95	1	1	8.712864
EV3_str	BOBJ1	195.77	After	Interior Girder 2	25.56	0.95	1	1	7.969351
EV3_str	BOBJ1	195.77	After	Interior Girder 3	25.56	0.95	1	1	6.909911
EV3_str	BOBJ1	195.77	After	Interior Girder 4	25.56	0.95	1	1	6.909911
EV3_str	BOBJ1	195.77	After	Interior Girder 5	25.56	0.95	1	1	7.969351
EV3_str	BOBJ1	195.77	After	Interior Girder 6	25.56	0.95	1	1	8.712864
EV3_str	BOBJ1	195.77	After	Right Exterior Girder	25.56	0.95	1	1	15.035038
EV3_str	BOBJ1	202.16	Before	Left Exterior Girder	31.95	0.95	1	1	15.205394
EV3_str	BOBJ1	202.16	Before	Interior Girder 1	31.95	0.95	1	1	8.854016
EV3_str	BOBJ1	202.16	Before	Interior Girder 2	31.95	0.95	1	1	8.098088
EV3_str	BOBJ1	202.16	Before	Interior Girder 3	31.95	0.95	1	1	7.021472
EV3_str	BOBJ1	202.16	Before	Interior Girder 4	31.95	0.95	1	1	7.021472
EV3_str	BOBJ1	202.16	Before	Interior Girder 5	31.95	0.95	1	1	8.098088
EV3_str	BOBJ1	202.16	Before	Interior Girder 6	31.95	0.95	1	1	8.854016
EV3_str	BOBJ1	202.16	Before	Right Exterior Girder	31.95	0.95	1	1	15.205394
EV3_str	BOBJ1	202.16	After	Left Exterior Girder	31.95	0.95	1	1	21.390369
EV3_str	BOBJ1	202.16	After	Interior Girder 1	31.95	0.95	1	1	8.577844
EV3_str	BOBJ1	202.16	After	Interior Girder 2	31.95	0.95	1	1	7.462853
EV3_str	BOBJ1	202.16	After	Interior Girder 3	31.95	0.95	1	1	6.285503
EV3_str	BOBJ1	202.16	After	Interior Girder 4	31.95	0.95	1	1	6.285503
EV3_str	BOBJ1	202.16	After	Interior Girder 5	31.95	0.95	1	1	7.462853
EV3_str	BOBJ1	202.16	After	Interior Girder 6	31.95	0.95	1	1	8.577844
EV3_str	BOBJ1	202.16	After	Right Exterior Girder	31.95	0.95	1	1	21.390369
EV3_str	BOBJ1	208.55	Before	Left Exterior Girder	38.34	0.95	1	1	21.485528
EV3_str	BOBJ1	208.55	Before	Interior Girder 1	38.34	0.95	1	1	8.44452
EV3_str	BOBJ1	208.55	Before	Interior Girder 2	38.34	0.95	1	1	7.346364
EV3_str	BOBJ1	208.55	Before	Interior Girder 3	38.34	0.95	1	1	6.187373
EV3_str	BOBJ1	208.55	Before	Interior Girder 4	38.34	0.95	1	1	6.187373
EV3_str	BOBJ1	208.55	Before	Interior Girder 5	38.34	0.95	1	1	7.346364
EV3_str	BOBJ1	208.55	Before	Interior Girder 6	38.34	0.95	1	1	8.44452
EV3_str	BOBJ1	208.55	Before	Right Exterior Girder	38.34	0.95	1	1	21.485528
EV3_str	BOBJ1	208.55	After	Left Exterior Girder	38.34	0.95	1	1	11.584158
EV3_str	BOBJ1	208.55	After	Interior Girder 1	38.34	0.95	1	1	9.620836
EV3_str	BOBJ1	208.55	After	Interior Girder 2	38.34	0.95	1	1	8.663662
EV3_str	BOBJ1	208.55	After	Interior Girder 3	38.34	0.95	1	1	8.335538
EV3_str	BOBJ1	208.55	After	Interior Girder 4	38.34	0.95	1	1	8.335538
EV3_str	BOBJ1	208.55	After	Interior Girder 5	38.34	0.95	1	1	8.663662
EV3_str	BOBJ1	208.55	After	Interior Girder 6	38.34	0.95	1	1	9.620836
EV3_str	BOBJ1	208.55	After	Right Exterior Girder	38.34	0.95	1	1	11.584158
EV3_str	BOBJ1	215.1233	Before	Left Exterior Girder	44.9133	0.95	1	1	11.450825
EV3_str	BOBJ1	215.1233	Before	Interior Girder 1	44.9133	0.95	1	1	9.461982
EV3_str	BOBJ1	215.1233	Before	Interior Girder 2	44.9133	0.95	1	1	8.521524
EV3_str	BOBJ1	215.1233	Before	Interior Girder 3	44.9133	0.95	1	1	8.21262
EV3_str	BOBJ1	215.1233	Before	Interior Girder 4	44.9133	0.95	1	1	8.21262
EV3_str	BOBJ1	215.1233	Before	Interior Girder 5	44.9133	0.95	1	1	8.521524
EV3_str	BOBJ1	215.1233	Before	Interior Girder 6	44.9133	0.95	1	1	9.461982
EV3_str	BOBJ1	215.1233	Before	Right Exterior Girder	44.9133	0.95	1	1	11.450825
EV3_str	BOBJ1	215.1233	After	Left Exterior Girder	44.9133	0.95	1	1	9.516489
EV3_str	BOBJ1	215.1233	After	Interior Girder 1	44.9133	0.95	1	1	6.787521
EV3_str	BOBJ1	215.1233	After	Interior Girder 2	44.9133	0.95	1	1	6.187343
EV3_str	BOBJ1	215.1233	After	Interior Girder 3	44.9133	0.95	1	1	5.808865
EV3_str	BOBJ1	215.1233	After	Interior Girder 4	44.9133	0.95	1	1	5.808865
EV3_str	BOBJ1	215.1233	After	Interior Girder 5	44.9133	0.95	1	1	6.187343
EV3_str	BOBJ1	215.1233	After	Interior Girder 6	44.9133	0.95	1	1	6.787521
EV3_str	BOBJ1	215.1233	After	Right Exterior Girder	44.9133	0.95	1	1	9.516489
EV3_str	BOBJ1	221.6967	Before	Left Exterior Girder	51.4867	0.95	1	1	9.403236
EV3_str	BOBJ1	221.6967	Before	Interior Girder 1	51.4867	0.95	1	1	6.672991
EV3_str	BOBJ1	221.6967	Before	Interior Girder 2	51.4867	0.95	1	1	6.083496
EV3_str	BOBJ1	221.6967	Before	Interior Girder 3	51.4867	0.95	1	1	5.711189
EV3_str	BOBJ1	221.6967	Before	Interior Girder 4	51.4867	0.95	1	1	5.711189

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Approach, Span 16-19									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
EV3_str	BOBJ1	221.6967	Before	Interior Girder 5	51.4867	0.95	1	1	6.083496
EV3_str	BOBJ1	221.6967	Before	Interior Girder 6	51.4867	0.95	1	1	6.672991
EV3_str	BOBJ1	221.6967	Before	Right Exterior Girder	51.4867	0.95	1	1	9.403236
EV3_str	BOBJ1	221.6967	After	Left Exterior Girder	51.4867	0.95	1	1	8.223434
EV3_str	BOBJ1	221.6967	After	Interior Girder 1	51.4867	0.95	1	1	4.860204
EV3_str	BOBJ1	221.6967	After	Interior Girder 2	51.4867	0.95	1	1	4.512315
EV3_str	BOBJ1	221.6967	After	Interior Girder 3	51.4867	0.95	1	1	3.895769
EV3_str	BOBJ1	221.6967	After	Interior Girder 4	51.4867	0.95	1	1	3.895769
EV3_str	BOBJ1	221.6967	After	Interior Girder 5	51.4867	0.95	1	1	4.512315
EV3_str	BOBJ1	221.6967	After	Interior Girder 6	51.4867	0.95	1	1	4.860204
EV3_str	BOBJ1	221.6967	After	Right Exterior Girder	51.4867	0.95	1	1	8.223434
EV3_str	BOBJ1	228.27	Before	Left Exterior Girder	58.06	0.95	1	1	8.122013
EV3_str	BOBJ1	228.27	Before	Interior Girder 1	58.06	0.95	1	1	4.776454
EV3_str	BOBJ1	228.27	Before	Interior Girder 2	58.06	0.95	1	1	4.434848
EV3_str	BOBJ1	228.27	Before	Interior Girder 3	58.06	0.95	1	1	3.828658
EV3_str	BOBJ1	228.27	Before	Interior Girder 4	58.06	0.95	1	1	3.828658
EV3_str	BOBJ1	228.27	Before	Interior Girder 5	58.06	0.95	1	1	4.434848
EV3_str	BOBJ1	228.27	Before	Interior Girder 6	58.06	0.95	1	1	4.776454
EV3_str	BOBJ1	228.27	Before	Right Exterior Girder	58.06	0.95	1	1	8.122013
EV3-Neg_str	BOBJ1	0	After	Left Exterior Girder	0	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	0	After	Interior Girder 1	0	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	0	After	Interior Girder 2	0	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	0	After	Interior Girder 3	0	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	0	After	Interior Girder 4	0	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	0	After	Interior Girder 5	0	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	0	After	Interior Girder 6	0	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	0	After	Right Exterior Girder	0	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	5.3833	Before	Left Exterior Girder	5.3833	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	5.3833	Before	Interior Girder 1	5.3833	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	5.3833	Before	Interior Girder 2	5.3833	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	5.3833	Before	Interior Girder 3	5.3833	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	5.3833	Before	Interior Girder 4	5.3833	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	5.3833	Before	Interior Girder 5	5.3833	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	5.3833	Before	Interior Girder 6	5.3833	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	5.3833	Before	Right Exterior Girder	5.3833	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	5.3833	After	Left Exterior Girder	5.3833	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	5.3833	After	Interior Girder 1	5.3833	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	5.3833	After	Interior Girder 2	5.3833	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	5.3833	After	Interior Girder 3	5.3833	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	5.3833	After	Interior Girder 4	5.3833	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	5.3833	After	Interior Girder 5	5.3833	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	5.3833	After	Interior Girder 6	5.3833	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	5.3833	After	Right Exterior Girder	5.3833	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	10.7667	Before	Left Exterior Girder	10.7667	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	10.7667	Before	Interior Girder 1	10.7667	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	10.7667	Before	Interior Girder 2	10.7667	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	10.7667	Before	Interior Girder 3	10.7667	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	10.7667	Before	Interior Girder 4	10.7667	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	10.7667	Before	Interior Girder 5	10.7667	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	10.7667	Before	Interior Girder 6	10.7667	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	10.7667	Before	Right Exterior Girder	10.7667	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	10.7667	After	Left Exterior Girder	10.7667	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	10.7667	After	Interior Girder 1	10.7667	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	10.7667	After	Interior Girder 2	10.7667	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	10.7667	After	Interior Girder 3	10.7667	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	10.7667	After	Interior Girder 4	10.7667	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	10.7667	After	Interior Girder 5	10.7667	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	10.7667	After	Interior Girder 6	10.7667	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	10.7667	After	Right Exterior Girder	10.7667	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	16.15	Before	Left Exterior Girder	16.15	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	16.15	Before	Interior Girder 1	16.15	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	16.15	Before	Interior Girder 2	16.15	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	16.15	Before	Interior Girder 3	16.15	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	16.15	Before	Interior Girder 4	16.15	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	16.15	Before	Interior Girder 5	16.15	0.95	1	1	10000000

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Approach, Span 16-19									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
EV3-Neg_str	BOBJ1	16.15	Before	Interior Girder 6	16.15	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	16.15	Before	Right Exterior Girder	16.15	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	16.15	After	Left Exterior Girder	16.15	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	16.15	After	Interior Girder 1	16.15	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	16.15	After	Interior Girder 2	16.15	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	16.15	After	Interior Girder 3	16.15	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	16.15	After	Interior Girder 4	16.15	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	16.15	After	Interior Girder 5	16.15	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	16.15	After	Interior Girder 6	16.15	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	16.15	After	Right Exterior Girder	16.15	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	22.1267	Before	Left Exterior Girder	22.1267	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	22.1267	Before	Interior Girder 1	22.1267	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	22.1267	Before	Interior Girder 2	22.1267	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	22.1267	Before	Interior Girder 3	22.1267	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	22.1267	Before	Interior Girder 4	22.1267	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	22.1267	Before	Interior Girder 5	22.1267	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	22.1267	Before	Interior Girder 6	22.1267	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	22.1267	Before	Right Exterior Girder	22.1267	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	22.1267	After	Left Exterior Girder	22.1267	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	22.1267	After	Interior Girder 1	22.1267	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	22.1267	After	Interior Girder 2	22.1267	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	22.1267	After	Interior Girder 3	22.1267	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	22.1267	After	Interior Girder 4	22.1267	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	22.1267	After	Interior Girder 5	22.1267	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	22.1267	After	Interior Girder 6	22.1267	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	22.1267	After	Right Exterior Girder	22.1267	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	28.1033	Before	Left Exterior Girder	28.1033	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	28.1033	Before	Interior Girder 1	28.1033	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	28.1033	Before	Interior Girder 2	28.1033	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	28.1033	Before	Interior Girder 3	28.1033	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	28.1033	Before	Interior Girder 4	28.1033	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	28.1033	Before	Interior Girder 5	28.1033	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	28.1033	Before	Interior Girder 6	28.1033	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	28.1033	Before	Right Exterior Girder	28.1033	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	28.1033	After	Left Exterior Girder	28.1033	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	28.1033	After	Interior Girder 1	28.1033	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	28.1033	After	Interior Girder 2	28.1033	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	28.1033	After	Interior Girder 3	28.1033	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	28.1033	After	Interior Girder 4	28.1033	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	28.1033	After	Interior Girder 5	28.1033	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	28.1033	After	Interior Girder 6	28.1033	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	28.1033	After	Right Exterior Girder	28.1033	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	34.08	Before	Left Exterior Girder	34.08	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	34.08	Before	Interior Girder 1	34.08	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	34.08	Before	Interior Girder 2	34.08	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	34.08	Before	Interior Girder 3	34.08	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	34.08	Before	Interior Girder 4	34.08	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	34.08	Before	Interior Girder 5	34.08	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	34.08	Before	Interior Girder 6	34.08	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	34.08	Before	Right Exterior Girder	34.08	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	34.08	After	Left Exterior Girder	34.08	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	34.08	After	Interior Girder 1	34.08	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	34.08	After	Interior Girder 2	34.08	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	34.08	After	Interior Girder 3	34.08	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	34.08	After	Interior Girder 4	34.08	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	34.08	After	Interior Girder 5	34.08	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	34.08	After	Interior Girder 6	34.08	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	34.08	After	Right Exterior Girder	34.08	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	39.855	Before	Left Exterior Girder	39.855	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	39.855	Before	Interior Girder 1	39.855	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	39.855	Before	Interior Girder 2	39.855	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	39.855	Before	Interior Girder 3	39.855	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	39.855	Before	Interior Girder 4	39.855	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	39.855	Before	Interior Girder 5	39.855	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	39.855	Before	Interior Girder 6	39.855	0.95	1	1	10000000

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Approach, Span 16-19									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
EV3-Neg_str	BOBJ1	39.855	Before	Right Exterior Girder	39.855	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	39.855	After	Left Exterior Girder	39.855	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	39.855	After	Interior Girder 1	39.855	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	39.855	After	Interior Girder 2	39.855	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	39.855	After	Interior Girder 3	39.855	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	39.855	After	Interior Girder 4	39.855	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	39.855	After	Interior Girder 5	39.855	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	39.855	After	Interior Girder 6	39.855	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	39.855	After	Right Exterior Girder	39.855	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	40.0288	Before	Left Exterior Girder	40.0288	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	40.0288	Before	Right Exterior Girder	40.0288	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	40.0288	After	Left Exterior Girder	40.0288	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	40.0288	After	Right Exterior Girder	40.0288	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	45.63	Before	Left Exterior Girder	45.63	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	45.63	Before	Interior Girder 1	45.63	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	45.63	Before	Interior Girder 2	45.63	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	45.63	Before	Interior Girder 3	45.63	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	45.63	Before	Interior Girder 4	45.63	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	45.63	Before	Interior Girder 5	45.63	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	45.63	Before	Interior Girder 6	45.63	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	45.63	Before	Right Exterior Girder	45.63	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	45.63	After	Left Exterior Girder	0	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	45.63	After	Interior Girder 1	0	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	45.63	After	Interior Girder 2	0	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	45.63	After	Interior Girder 3	0	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	45.63	After	Interior Girder 4	0	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	45.63	After	Interior Girder 5	0	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	45.63	After	Interior Girder 6	0	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	45.63	After	Right Exterior Girder	0	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	50.6298	Before	Left Exterior Girder	4.9998	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	50.6298	Before	Right Exterior Girder	4.9998	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	50.6298	After	Left Exterior Girder	4.9998	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	50.6298	After	Right Exterior Girder	4.9998	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	51.4	Before	Left Exterior Girder	5.77	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	51.4	Before	Interior Girder 1	5.77	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	51.4	Before	Interior Girder 2	5.77	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	51.4	Before	Interior Girder 3	5.77	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	51.4	Before	Interior Girder 4	5.77	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	51.4	Before	Interior Girder 5	5.77	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	51.4	Before	Interior Girder 6	5.77	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	51.4	Before	Right Exterior Girder	5.77	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	51.4	After	Left Exterior Girder	5.77	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	51.4	After	Interior Girder 1	5.77	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	51.4	After	Interior Girder 2	5.77	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	51.4	After	Interior Girder 3	5.77	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	51.4	After	Interior Girder 4	5.77	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	51.4	After	Interior Girder 5	5.77	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	51.4	After	Interior Girder 6	5.77	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	51.4	After	Right Exterior Girder	5.77	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	57.17	Before	Left Exterior Girder	11.54	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	57.17	Before	Interior Girder 1	11.54	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	57.17	Before	Interior Girder 2	11.54	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	57.17	Before	Interior Girder 3	11.54	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	57.17	Before	Interior Girder 4	11.54	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	57.17	Before	Interior Girder 5	11.54	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	57.17	Before	Interior Girder 6	11.54	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	57.17	Before	Right Exterior Girder	11.54	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	57.17	After	Left Exterior Girder	11.54	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	57.17	After	Interior Girder 1	11.54	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	57.17	After	Interior Girder 2	11.54	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	57.17	After	Interior Girder 3	11.54	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	57.17	After	Interior Girder 4	11.54	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	57.17	After	Interior Girder 5	11.54	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	57.17	After	Interior Girder 6	11.54	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	57.17	After	Right Exterior Girder	11.54	0.95	1	1	10000000

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Approach, Span 16-19									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
EV3-Neg_str	BOBJ1	63.34	Before	Left Exterior Girder	17.71	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	63.34	Before	Interior Girder 1	17.71	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	63.34	Before	Interior Girder 2	17.71	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	63.34	Before	Interior Girder 3	17.71	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	63.34	Before	Interior Girder 4	17.71	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	63.34	Before	Interior Girder 5	17.71	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	63.34	Before	Interior Girder 6	17.71	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	63.34	Before	Right Exterior Girder	17.71	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	63.34	After	Left Exterior Girder	17.71	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	63.34	After	Interior Girder 1	17.71	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	63.34	After	Interior Girder 2	17.71	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	63.34	After	Interior Girder 3	17.71	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	63.34	After	Interior Girder 4	17.71	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	63.34	After	Interior Girder 5	17.71	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	63.34	After	Interior Girder 6	17.71	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	63.34	After	Right Exterior Girder	17.71	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	69.51	Before	Left Exterior Girder	23.88	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	69.51	Before	Interior Girder 1	23.88	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	69.51	Before	Interior Girder 2	23.88	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	69.51	Before	Interior Girder 3	23.88	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	69.51	Before	Interior Girder 4	23.88	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	69.51	Before	Interior Girder 5	23.88	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	69.51	Before	Interior Girder 6	23.88	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	69.51	Before	Right Exterior Girder	23.88	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	69.51	After	Left Exterior Girder	23.88	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	69.51	After	Interior Girder 1	23.88	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	69.51	After	Interior Girder 2	23.88	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	69.51	After	Interior Girder 3	23.88	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	69.51	After	Interior Girder 4	23.88	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	69.51	After	Interior Girder 5	23.88	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	69.51	After	Interior Girder 6	23.88	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	69.51	After	Right Exterior Girder	23.88	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	75.68	Before	Left Exterior Girder	30.05	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	75.68	Before	Interior Girder 1	30.05	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	75.68	Before	Interior Girder 2	30.05	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	75.68	Before	Interior Girder 3	30.05	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	75.68	Before	Interior Girder 4	30.05	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	75.68	Before	Interior Girder 5	30.05	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	75.68	Before	Interior Girder 6	30.05	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	75.68	Before	Right Exterior Girder	30.05	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	75.68	After	Left Exterior Girder	30.05	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	75.68	After	Interior Girder 1	30.05	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	75.68	After	Interior Girder 2	30.05	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	75.68	After	Interior Girder 3	30.05	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	75.68	After	Interior Girder 4	30.05	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	75.68	After	Interior Girder 5	30.05	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	75.68	After	Interior Girder 6	30.05	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	75.68	After	Right Exterior Girder	30.05	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	81.8467	Before	Left Exterior Girder	36.2167	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	81.8467	Before	Interior Girder 1	36.2167	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	81.8467	Before	Interior Girder 2	36.2167	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	81.8467	Before	Interior Girder 3	36.2167	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	81.8467	Before	Interior Girder 4	36.2167	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	81.8467	Before	Interior Girder 5	36.2167	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	81.8467	Before	Interior Girder 6	36.2167	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	81.8467	Before	Right Exterior Girder	36.2167	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	81.8467	After	Left Exterior Girder	36.2167	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	81.8467	After	Interior Girder 1	36.2167	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	81.8467	After	Interior Girder 2	36.2167	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	81.8467	After	Interior Girder 3	36.2167	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	81.8467	After	Interior Girder 4	36.2167	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	81.8467	After	Interior Girder 5	36.2167	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	81.8467	After	Interior Girder 6	36.2167	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	81.8467	After	Right Exterior Girder	36.2167	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	88.0133	Before	Left Exterior Girder	42.3833	0.95	1	1	10000000

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Approach, Span 16-19									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
EV3-Neg_str	BOBJ1	88.0133	Before	Interior Girder 1	42.3833	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	88.0133	Before	Interior Girder 2	42.3833	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	88.0133	Before	Interior Girder 3	42.3833	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	88.0133	Before	Interior Girder 4	42.3833	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	88.0133	Before	Interior Girder 5	42.3833	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	88.0133	Before	Interior Girder 6	42.3833	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	88.0133	Before	Right Exterior Girder	42.3833	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	88.0133	After	Left Exterior Girder	42.3833	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	88.0133	After	Interior Girder 1	42.3833	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	88.0133	After	Interior Girder 2	42.3833	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	88.0133	After	Interior Girder 3	42.3833	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	88.0133	After	Interior Girder 4	42.3833	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	88.0133	After	Interior Girder 5	42.3833	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	88.0133	After	Interior Girder 6	42.3833	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	88.0133	After	Right Exterior Girder	42.3833	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	94.18	Before	Left Exterior Girder	48.55	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	94.18	Before	Interior Girder 1	48.55	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	94.18	Before	Interior Girder 2	48.55	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	94.18	Before	Interior Girder 3	48.55	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	94.18	Before	Interior Girder 4	48.55	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	94.18	Before	Interior Girder 5	48.55	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	94.18	Before	Interior Girder 6	48.55	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	94.18	Before	Right Exterior Girder	48.55	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	94.18	After	Left Exterior Girder	48.55	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	94.18	After	Interior Girder 1	48.55	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	94.18	After	Interior Girder 2	48.55	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	94.18	After	Interior Girder 3	48.55	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	94.18	After	Interior Girder 4	48.55	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	94.18	After	Interior Girder 5	48.55	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	94.18	After	Interior Girder 6	48.55	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	94.18	After	Right Exterior Girder	48.55	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	100.3567	Before	Left Exterior Girder	54.7267	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	100.3567	Before	Interior Girder 1	54.7267	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	100.3567	Before	Interior Girder 2	54.7267	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	100.3567	Before	Interior Girder 3	54.7267	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	100.3567	Before	Interior Girder 4	54.7267	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	100.3567	Before	Interior Girder 5	54.7267	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	100.3567	Before	Interior Girder 6	54.7267	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	100.3567	Before	Right Exterior Girder	54.7267	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	100.3567	After	Left Exterior Girder	54.7267	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	100.3567	After	Interior Girder 1	54.7267	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	100.3567	After	Interior Girder 2	54.7267	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	100.3567	After	Interior Girder 3	54.7267	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	100.3567	After	Interior Girder 4	54.7267	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	100.3567	After	Interior Girder 5	54.7267	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	100.3567	After	Interior Girder 6	54.7267	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	100.3567	After	Right Exterior Girder	54.7267	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	106.5333	Before	Left Exterior Girder	60.9033	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	106.5333	Before	Interior Girder 1	60.9033	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	106.5333	Before	Interior Girder 2	60.9033	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	106.5333	Before	Interior Girder 3	60.9033	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	106.5333	Before	Interior Girder 4	60.9033	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	106.5333	Before	Interior Girder 5	60.9033	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	106.5333	Before	Interior Girder 6	60.9033	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	106.5333	Before	Right Exterior Girder	60.9033	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	106.5333	After	Left Exterior Girder	60.9033	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	106.5333	After	Interior Girder 1	60.9033	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	106.5333	After	Interior Girder 2	60.9033	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	106.5333	After	Interior Girder 3	60.9033	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	106.5333	After	Interior Girder 4	60.9033	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	106.5333	After	Interior Girder 5	60.9033	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	106.5333	After	Interior Girder 6	60.9033	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	106.5333	After	Right Exterior Girder	60.9033	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	108.2102	Before	Left Exterior Girder	62.5802	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	108.2102	Before	Right Exterior Girder	62.5802	0.95	1	1	10000000

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Approach, Span 16-19									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
EV3-Neg_str	BOBJ1	108.2102	After	Left Exterior Girder	62.5802	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	108.2102	After	Right Exterior Girder	62.5802	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	112.71	Before	Left Exterior Girder	67.08	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	112.71	Before	Interior Girder 1	67.08	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	112.71	Before	Interior Girder 2	67.08	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	112.71	Before	Interior Girder 3	67.08	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	112.71	Before	Interior Girder 4	67.08	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	112.71	Before	Interior Girder 5	67.08	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	112.71	Before	Interior Girder 6	67.08	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	112.71	Before	Right Exterior Girder	67.08	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	112.71	After	Left Exterior Girder	0	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	112.71	After	Interior Girder 1	0	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	112.71	After	Interior Girder 2	0	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	112.71	After	Interior Girder 3	0	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	112.71	After	Interior Girder 4	0	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	112.71	After	Interior Girder 5	0	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	112.71	After	Interior Girder 6	0	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	112.71	After	Right Exterior Girder	0	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	117.21	Before	Left Exterior Girder	4.5	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	117.21	Before	Right Exterior Girder	4.5	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	117.21	After	Left Exterior Girder	4.5	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	117.21	After	Right Exterior Girder	4.5	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	119.1	Before	Left Exterior Girder	6.39	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	119.1	Before	Interior Girder 1	6.39	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	119.1	Before	Interior Girder 2	6.39	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	119.1	Before	Interior Girder 3	6.39	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	119.1	Before	Interior Girder 4	6.39	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	119.1	Before	Interior Girder 5	6.39	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	119.1	Before	Interior Girder 6	6.39	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	119.1	Before	Right Exterior Girder	6.39	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	119.1	After	Left Exterior Girder	6.39	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	119.1	After	Interior Girder 1	6.39	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	119.1	After	Interior Girder 2	6.39	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	119.1	After	Interior Girder 3	6.39	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	119.1	After	Interior Girder 4	6.39	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	119.1	After	Interior Girder 5	6.39	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	119.1	After	Interior Girder 6	6.39	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	119.1	After	Right Exterior Girder	6.39	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	125.49	Before	Left Exterior Girder	12.78	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	125.49	Before	Interior Girder 1	12.78	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	125.49	Before	Interior Girder 2	12.78	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	125.49	Before	Interior Girder 3	12.78	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	125.49	Before	Interior Girder 4	12.78	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	125.49	Before	Interior Girder 5	12.78	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	125.49	Before	Interior Girder 6	12.78	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	125.49	Before	Right Exterior Girder	12.78	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	125.49	After	Left Exterior Girder	12.78	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	125.49	After	Interior Girder 1	12.78	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	125.49	After	Interior Girder 2	12.78	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	125.49	After	Interior Girder 3	12.78	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	125.49	After	Interior Girder 4	12.78	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	125.49	After	Interior Girder 5	12.78	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	125.49	After	Interior Girder 6	12.78	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	125.49	After	Right Exterior Girder	12.78	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	131.88	Before	Left Exterior Girder	19.17	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	131.88	Before	Interior Girder 1	19.17	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	131.88	Before	Interior Girder 2	19.17	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	131.88	Before	Interior Girder 3	19.17	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	131.88	Before	Interior Girder 4	19.17	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	131.88	Before	Interior Girder 5	19.17	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	131.88	Before	Interior Girder 6	19.17	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	131.88	Before	Right Exterior Girder	19.17	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	131.88	After	Left Exterior Girder	19.17	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	131.88	After	Interior Girder 1	19.17	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	131.88	After	Interior Girder 2	19.17	0.95	1	1	10000000

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Approach, Span 16-19									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
EV3-Neg_str	BOBJ1	131.88	After	Interior Girder 3	19.17	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	131.88	After	Interior Girder 4	19.17	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	131.88	After	Interior Girder 5	19.17	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	131.88	After	Interior Girder 6	19.17	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	131.88	After	Right Exterior Girder	19.17	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	138.27	Before	Left Exterior Girder	25.56	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	138.27	Before	Interior Girder 1	25.56	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	138.27	Before	Interior Girder 2	25.56	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	138.27	Before	Interior Girder 3	25.56	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	138.27	Before	Interior Girder 4	25.56	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	138.27	Before	Interior Girder 5	25.56	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	138.27	Before	Interior Girder 6	25.56	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	138.27	Before	Right Exterior Girder	25.56	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	138.27	After	Left Exterior Girder	25.56	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	138.27	After	Interior Girder 1	25.56	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	138.27	After	Interior Girder 2	25.56	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	138.27	After	Interior Girder 3	25.56	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	138.27	After	Interior Girder 4	25.56	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	138.27	After	Interior Girder 5	25.56	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	138.27	After	Interior Girder 6	25.56	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	138.27	After	Right Exterior Girder	25.56	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	144.66	Before	Left Exterior Girder	31.95	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	144.66	Before	Interior Girder 1	31.95	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	144.66	Before	Interior Girder 2	31.95	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	144.66	Before	Interior Girder 3	31.95	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	144.66	Before	Interior Girder 4	31.95	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	144.66	Before	Interior Girder 5	31.95	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	144.66	Before	Interior Girder 6	31.95	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	144.66	Before	Right Exterior Girder	31.95	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	144.66	After	Left Exterior Girder	31.95	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	144.66	After	Interior Girder 1	31.95	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	144.66	After	Interior Girder 2	31.95	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	144.66	After	Interior Girder 3	31.95	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	144.66	After	Interior Girder 4	31.95	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	144.66	After	Interior Girder 5	31.95	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	144.66	After	Interior Girder 6	31.95	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	144.66	After	Right Exterior Girder	31.95	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	151.05	Before	Left Exterior Girder	38.34	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	151.05	Before	Interior Girder 1	38.34	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	151.05	Before	Interior Girder 2	38.34	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	151.05	Before	Interior Girder 3	38.34	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	151.05	Before	Interior Girder 4	38.34	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	151.05	Before	Interior Girder 5	38.34	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	151.05	Before	Interior Girder 6	38.34	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	151.05	Before	Right Exterior Girder	38.34	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	151.05	After	Left Exterior Girder	38.34	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	151.05	After	Interior Girder 1	38.34	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	151.05	After	Interior Girder 2	38.34	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	151.05	After	Interior Girder 3	38.34	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	151.05	After	Interior Girder 4	38.34	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	151.05	After	Interior Girder 5	38.34	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	151.05	After	Interior Girder 6	38.34	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	151.05	After	Right Exterior Girder	38.34	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	157.4367	Before	Left Exterior Girder	44.7267	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	157.4367	Before	Interior Girder 1	44.7267	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	157.4367	Before	Interior Girder 2	44.7267	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	157.4367	Before	Interior Girder 3	44.7267	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	157.4367	Before	Interior Girder 4	44.7267	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	157.4367	Before	Interior Girder 5	44.7267	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	157.4367	Before	Interior Girder 6	44.7267	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	157.4367	Before	Right Exterior Girder	44.7267	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	157.4367	After	Left Exterior Girder	44.7267	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	157.4367	After	Interior Girder 1	44.7267	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	157.4367	After	Interior Girder 2	44.7267	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	157.4367	After	Interior Girder 3	44.7267	0.95	1	1	10000000

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Approach, Span 16-19									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
EV3-Neg_str	BOBJ1	157.4367	After	Interior Girder 4	44.7267	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	157.4367	After	Interior Girder 5	44.7267	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	157.4367	After	Interior Girder 6	44.7267	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	157.4367	After	Right Exterior Girder	44.7267	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	158.71	Before	Left Exterior Girder	46	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	158.71	Before	Interior Girder 1	46	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	158.71	Before	Interior Girder 2	46	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	158.71	Before	Interior Girder 3	46	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	158.71	Before	Interior Girder 4	46	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	158.71	Before	Interior Girder 5	46	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	158.71	Before	Interior Girder 6	46	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	158.71	Before	Right Exterior Girder	46	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	158.71	After	Left Exterior Girder	46	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	158.71	After	Interior Girder 1	46	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	158.71	After	Interior Girder 2	46	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	158.71	After	Interior Girder 3	46	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	158.71	After	Interior Girder 4	46	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	158.71	After	Interior Girder 5	46	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	158.71	After	Interior Girder 6	46	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	158.71	After	Right Exterior Girder	46	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	163.8233	Before	Left Exterior Girder	51.1133	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	163.8233	Before	Interior Girder 1	51.1133	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	163.8233	Before	Interior Girder 2	51.1133	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	163.8233	Before	Interior Girder 3	51.1133	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	163.8233	Before	Interior Girder 4	51.1133	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	163.8233	Before	Interior Girder 5	51.1133	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	163.8233	Before	Interior Girder 6	51.1133	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	163.8233	Before	Right Exterior Girder	51.1133	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	163.8233	After	Left Exterior Girder	51.1133	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	163.8233	After	Interior Girder 1	51.1133	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	163.8233	After	Interior Girder 2	51.1133	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	163.8233	After	Interior Girder 3	51.1133	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	163.8233	After	Interior Girder 4	51.1133	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	163.8233	After	Interior Girder 5	51.1133	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	163.8233	After	Interior Girder 6	51.1133	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	163.8233	After	Right Exterior Girder	51.1133	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	164.71	Before	Left Exterior Girder	52	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	164.71	Before	Right Exterior Girder	52	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	164.71	After	Left Exterior Girder	52	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	164.71	After	Right Exterior Girder	52	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	170.21	Before	Left Exterior Girder	57.5	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	170.21	Before	Interior Girder 1	57.5	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	170.21	Before	Interior Girder 2	57.5	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	170.21	Before	Interior Girder 3	57.5	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	170.21	Before	Interior Girder 4	57.5	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	170.21	Before	Interior Girder 5	57.5	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	170.21	Before	Interior Girder 6	57.5	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	170.21	Before	Right Exterior Girder	57.5	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	170.21	After	Left Exterior Girder	0	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	170.21	After	Interior Girder 1	0	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	170.21	After	Interior Girder 2	0	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	170.21	After	Interior Girder 3	0	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	170.21	After	Interior Girder 4	0	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	170.21	After	Interior Girder 5	0	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	170.21	After	Interior Girder 6	0	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	170.21	After	Right Exterior Girder	0	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	176.21	Before	Left Exterior Girder	6	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	176.21	Before	Right Exterior Girder	6	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	176.21	After	Left Exterior Girder	6	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	176.21	After	Right Exterior Girder	6	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	176.6	Before	Left Exterior Girder	6.39	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	176.6	Before	Interior Girder 1	6.39	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	176.6	Before	Interior Girder 2	6.39	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	176.6	Before	Interior Girder 3	6.39	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	176.6	Before	Interior Girder 4	6.39	0.95	1	1	10000000

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Approach, Span 16-19									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
EV3-Neg_str	BOBJ1	176.6	Before	Interior Girder 5	6.39	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	176.6	Before	Interior Girder 6	6.39	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	176.6	Before	Right Exterior Girder	6.39	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	176.6	After	Left Exterior Girder	6.39	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	176.6	After	Interior Girder 1	6.39	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	176.6	After	Interior Girder 2	6.39	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	176.6	After	Interior Girder 3	6.39	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	176.6	After	Interior Girder 4	6.39	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	176.6	After	Interior Girder 5	6.39	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	176.6	After	Interior Girder 6	6.39	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	176.6	After	Right Exterior Girder	6.39	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	182.99	Before	Left Exterior Girder	12.78	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	182.99	Before	Interior Girder 1	12.78	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	182.99	Before	Interior Girder 2	12.78	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	182.99	Before	Interior Girder 3	12.78	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	182.99	Before	Interior Girder 4	12.78	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	182.99	Before	Interior Girder 5	12.78	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	182.99	Before	Interior Girder 6	12.78	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	182.99	Before	Right Exterior Girder	12.78	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	182.99	After	Left Exterior Girder	12.78	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	182.99	After	Interior Girder 1	12.78	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	182.99	After	Interior Girder 2	12.78	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	182.99	After	Interior Girder 3	12.78	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	182.99	After	Interior Girder 4	12.78	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	182.99	After	Interior Girder 5	12.78	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	182.99	After	Interior Girder 6	12.78	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	182.99	After	Right Exterior Girder	12.78	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	189.38	Before	Left Exterior Girder	19.17	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	189.38	Before	Interior Girder 1	19.17	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	189.38	Before	Interior Girder 2	19.17	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	189.38	Before	Interior Girder 3	19.17	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	189.38	Before	Interior Girder 4	19.17	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	189.38	Before	Interior Girder 5	19.17	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	189.38	Before	Interior Girder 6	19.17	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	189.38	Before	Right Exterior Girder	19.17	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	189.38	After	Left Exterior Girder	19.17	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	189.38	After	Interior Girder 1	19.17	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	189.38	After	Interior Girder 2	19.17	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	189.38	After	Interior Girder 3	19.17	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	189.38	After	Interior Girder 4	19.17	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	189.38	After	Interior Girder 5	19.17	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	189.38	After	Interior Girder 6	19.17	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	189.38	After	Right Exterior Girder	19.17	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	195.77	Before	Left Exterior Girder	25.56	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	195.77	Before	Interior Girder 1	25.56	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	195.77	Before	Interior Girder 2	25.56	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	195.77	Before	Interior Girder 3	25.56	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	195.77	Before	Interior Girder 4	25.56	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	195.77	Before	Interior Girder 5	25.56	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	195.77	Before	Interior Girder 6	25.56	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	195.77	Before	Right Exterior Girder	25.56	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	195.77	After	Left Exterior Girder	25.56	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	195.77	After	Interior Girder 1	25.56	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	195.77	After	Interior Girder 2	25.56	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	195.77	After	Interior Girder 3	25.56	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	195.77	After	Interior Girder 4	25.56	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	195.77	After	Interior Girder 5	25.56	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	195.77	After	Interior Girder 6	25.56	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	195.77	After	Right Exterior Girder	25.56	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	202.16	Before	Left Exterior Girder	31.95	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	202.16	Before	Interior Girder 1	31.95	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	202.16	Before	Interior Girder 2	31.95	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	202.16	Before	Interior Girder 3	31.95	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	202.16	Before	Interior Girder 4	31.95	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	202.16	Before	Interior Girder 5	31.95	0.95	1	1	10000000

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Approach, Span 16-19									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
EV3-Neg_str	BOBJ1	202.16	Before	Interior Girder 6	31.95	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	202.16	Before	Right Exterior Girder	31.95	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	202.16	After	Left Exterior Girder	31.95	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	202.16	After	Interior Girder 1	31.95	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	202.16	After	Interior Girder 2	31.95	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	202.16	After	Interior Girder 3	31.95	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	202.16	After	Interior Girder 4	31.95	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	202.16	After	Interior Girder 5	31.95	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	202.16	After	Interior Girder 6	31.95	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	202.16	After	Right Exterior Girder	31.95	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	208.55	Before	Left Exterior Girder	38.34	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	208.55	Before	Interior Girder 1	38.34	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	208.55	Before	Interior Girder 2	38.34	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	208.55	Before	Interior Girder 3	38.34	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	208.55	Before	Interior Girder 4	38.34	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	208.55	Before	Interior Girder 5	38.34	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	208.55	Before	Interior Girder 6	38.34	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	208.55	Before	Right Exterior Girder	38.34	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	208.55	After	Left Exterior Girder	38.34	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	208.55	After	Interior Girder 1	38.34	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	208.55	After	Interior Girder 2	38.34	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	208.55	After	Interior Girder 3	38.34	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	208.55	After	Interior Girder 4	38.34	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	208.55	After	Interior Girder 5	38.34	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	208.55	After	Interior Girder 6	38.34	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	208.55	After	Right Exterior Girder	38.34	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	215.1233	Before	Left Exterior Girder	44.9133	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	215.1233	Before	Interior Girder 1	44.9133	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	215.1233	Before	Interior Girder 2	44.9133	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	215.1233	Before	Interior Girder 3	44.9133	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	215.1233	Before	Interior Girder 4	44.9133	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	215.1233	Before	Interior Girder 5	44.9133	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	215.1233	Before	Interior Girder 6	44.9133	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	215.1233	Before	Right Exterior Girder	44.9133	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	215.1233	After	Left Exterior Girder	44.9133	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	215.1233	After	Interior Girder 1	44.9133	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	215.1233	After	Interior Girder 2	44.9133	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	215.1233	After	Interior Girder 3	44.9133	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	215.1233	After	Interior Girder 4	44.9133	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	215.1233	After	Interior Girder 5	44.9133	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	215.1233	After	Interior Girder 6	44.9133	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	215.1233	After	Right Exterior Girder	44.9133	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	221.6967	Before	Left Exterior Girder	51.4867	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	221.6967	Before	Interior Girder 1	51.4867	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	221.6967	Before	Interior Girder 2	51.4867	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	221.6967	Before	Interior Girder 3	51.4867	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	221.6967	Before	Interior Girder 4	51.4867	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	221.6967	Before	Interior Girder 5	51.4867	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	221.6967	Before	Interior Girder 6	51.4867	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	221.6967	Before	Right Exterior Girder	51.4867	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	221.6967	After	Left Exterior Girder	51.4867	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	221.6967	After	Interior Girder 1	51.4867	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	221.6967	After	Interior Girder 2	51.4867	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	221.6967	After	Interior Girder 3	51.4867	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	221.6967	After	Interior Girder 4	51.4867	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	221.6967	After	Interior Girder 5	51.4867	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	221.6967	After	Interior Girder 6	51.4867	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	221.6967	After	Right Exterior Girder	51.4867	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	228.27	Before	Left Exterior Girder	58.06	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	228.27	Before	Interior Girder 1	58.06	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	228.27	Before	Interior Girder 2	58.06	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	228.27	Before	Interior Girder 3	58.06	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	228.27	Before	Interior Girder 4	58.06	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	228.27	Before	Interior Girder 5	58.06	0.95	1	1	10000000
EV3-Neg_str	BOBJ1	228.27	Before	Interior Girder 6	58.06	0.95	1	1	10000000

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Approach, Span 16-19									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
EV3-Neg_str	BOBJ1	228.27	Before	Right Exterior Girder	58.06	0.95	1	1	10000000
Gravel Truck_str	BOBJ1	0	After	Left Exterior Girder	0	0.95	1	1	8.791595
Gravel Truck_str	BOBJ1	0	After	Interior Girder 1	0	0.95	1	1	5.476173
Gravel Truck_str	BOBJ1	0	After	Interior Girder 2	0	0.95	1	1	5.094067
Gravel Truck_str	BOBJ1	0	After	Interior Girder 3	0	0.95	1	1	4.42916
Gravel Truck_str	BOBJ1	0	After	Interior Girder 4	0	0.95	1	1	4.42916
Gravel Truck_str	BOBJ1	0	After	Interior Girder 5	0	0.95	1	1	5.094067
Gravel Truck_str	BOBJ1	0	After	Interior Girder 6	0	0.95	1	1	5.476173
Gravel Truck_str	BOBJ1	0	After	Right Exterior Girder	0	0.95	1	1	8.791595
Gravel Truck_str	BOBJ1	5.3833	Before	Left Exterior Girder	5.3833	0.95	1	1	8.892077
Gravel Truck_str	BOBJ1	5.3833	Before	Interior Girder 1	5.3833	0.95	1	1	5.562079
Gravel Truck_str	BOBJ1	5.3833	Before	Interior Girder 2	5.3833	0.95	1	1	5.173716
Gravel Truck_str	BOBJ1	5.3833	Before	Interior Girder 3	5.3833	0.95	1	1	4.49875
Gravel Truck_str	BOBJ1	5.3833	Before	Interior Girder 4	5.3833	0.95	1	1	4.49875
Gravel Truck_str	BOBJ1	5.3833	Before	Interior Girder 5	5.3833	0.95	1	1	5.173716
Gravel Truck_str	BOBJ1	5.3833	Before	Interior Girder 6	5.3833	0.95	1	1	5.562079
Gravel Truck_str	BOBJ1	5.3833	Before	Right Exterior Girder	5.3833	0.95	1	1	8.892077
Gravel Truck_str	BOBJ1	5.3833	After	Left Exterior Girder	5.3833	0.95	1	1	10.573371
Gravel Truck_str	BOBJ1	5.3833	After	Interior Girder 1	5.3833	0.95	1	1	7.732927
Gravel Truck_str	BOBJ1	5.3833	After	Interior Girder 2	5.3833	0.95	1	1	6.975381
Gravel Truck_str	BOBJ1	5.3833	After	Interior Girder 3	5.3833	0.95	1	1	6.601621
Gravel Truck_str	BOBJ1	5.3833	After	Interior Girder 4	5.3833	0.95	1	1	6.601621
Gravel Truck_str	BOBJ1	5.3833	After	Interior Girder 5	5.3833	0.95	1	1	6.975381
Gravel Truck_str	BOBJ1	5.3833	After	Interior Girder 6	5.3833	0.95	1	1	7.732927
Gravel Truck_str	BOBJ1	5.3833	After	Right Exterior Girder	5.3833	0.95	1	1	10.573371
Gravel Truck_str	BOBJ1	10.7667	Before	Left Exterior Girder	10.7667	0.95	1	1	10.690109
Gravel Truck_str	BOBJ1	10.7667	Before	Interior Girder 1	10.7667	0.95	1	1	7.851922
Gravel Truck_str	BOBJ1	10.7667	Before	Interior Girder 2	10.7667	0.95	1	1	7.082152
Gravel Truck_str	BOBJ1	10.7667	Before	Interior Girder 3	10.7667	0.95	1	1	6.703088
Gravel Truck_str	BOBJ1	10.7667	Before	Interior Girder 4	10.7667	0.95	1	1	6.703088
Gravel Truck_str	BOBJ1	10.7667	Before	Interior Girder 5	10.7667	0.95	1	1	7.082152
Gravel Truck_str	BOBJ1	10.7667	Before	Interior Girder 6	10.7667	0.95	1	1	7.851922
Gravel Truck_str	BOBJ1	10.7667	Before	Right Exterior Girder	10.7667	0.95	1	1	10.690109
Gravel Truck_str	BOBJ1	10.7667	After	Left Exterior Girder	10.7667	0.95	1	1	13.470718
Gravel Truck_str	BOBJ1	10.7667	After	Interior Girder 1	10.7667	0.95	1	1	10.992171
Gravel Truck_str	BOBJ1	10.7667	After	Interior Girder 2	10.7667	0.95	1	1	9.803877
Gravel Truck_str	BOBJ1	10.7667	After	Interior Girder 3	10.7667	0.95	1	1	9.357608
Gravel Truck_str	BOBJ1	10.7667	After	Interior Girder 4	10.7667	0.95	1	1	9.357608
Gravel Truck_str	BOBJ1	10.7667	After	Interior Girder 5	10.7667	0.95	1	1	9.803877
Gravel Truck_str	BOBJ1	10.7667	After	Interior Girder 6	10.7667	0.95	1	1	10.992171
Gravel Truck_str	BOBJ1	10.7667	After	Right Exterior Girder	10.7667	0.95	1	1	13.470718
Gravel Truck_str	BOBJ1	16.15	Before	Left Exterior Girder	16.15	0.95	1	1	13.61466
Gravel Truck_str	BOBJ1	16.15	Before	Interior Girder 1	16.15	0.95	1	1	11.158004
Gravel Truck_str	BOBJ1	16.15	Before	Interior Girder 2	16.15	0.95	1	1	9.95084
Gravel Truck_str	BOBJ1	16.15	Before	Interior Girder 3	16.15	0.95	1	1	9.49841
Gravel Truck_str	BOBJ1	16.15	Before	Interior Girder 4	16.15	0.95	1	1	9.49841
Gravel Truck_str	BOBJ1	16.15	Before	Interior Girder 5	16.15	0.95	1	1	9.95084
Gravel Truck_str	BOBJ1	16.15	Before	Interior Girder 6	16.15	0.95	1	1	11.158004
Gravel Truck_str	BOBJ1	16.15	Before	Right Exterior Girder	16.15	0.95	1	1	13.61466
Gravel Truck_str	BOBJ1	16.15	After	Left Exterior Girder	16.15	0.95	1	1	24.526388
Gravel Truck_str	BOBJ1	16.15	After	Interior Girder 1	16.15	0.95	1	1	10.888646
Gravel Truck_str	BOBJ1	16.15	After	Interior Girder 2	16.15	0.95	1	1	9.443787
Gravel Truck_str	BOBJ1	16.15	After	Interior Girder 3	16.15	0.95	1	1	8.00963
Gravel Truck_str	BOBJ1	16.15	After	Interior Girder 4	16.15	0.95	1	1	8.00963
Gravel Truck_str	BOBJ1	16.15	After	Interior Girder 5	16.15	0.95	1	1	9.443787
Gravel Truck_str	BOBJ1	16.15	After	Interior Girder 6	16.15	0.95	1	1	10.888646
Gravel Truck_str	BOBJ1	16.15	After	Right Exterior Girder	16.15	0.95	1	1	24.526388
Gravel Truck_str	BOBJ1	22.1267	Before	Left Exterior Girder	22.1267	0.95	1	1	24.23594
Gravel Truck_str	BOBJ1	22.1267	Before	Interior Girder 1	22.1267	0.95	1	1	11.065503
Gravel Truck_str	BOBJ1	22.1267	Before	Interior Girder 2	22.1267	0.95	1	1	9.598025
Gravel Truck_str	BOBJ1	22.1267	Before	Interior Girder 3	22.1267	0.95	1	1	8.140381
Gravel Truck_str	BOBJ1	22.1267	Before	Interior Girder 4	22.1267	0.95	1	1	8.140381
Gravel Truck_str	BOBJ1	22.1267	Before	Interior Girder 5	22.1267	0.95	1	1	9.598025
Gravel Truck_str	BOBJ1	22.1267	Before	Interior Girder 6	22.1267	0.95	1	1	11.065503
Gravel Truck_str	BOBJ1	22.1267	Before	Right Exterior Girder	22.1267	0.95	1	1	24.23594

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Approach, Span 16-19									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Gravel Truck_str	BOBJ1	22.1267	After	Left Exterior Girder	22.1267	0.95	1	1	15.776992
Gravel Truck_str	BOBJ1	22.1267	After	Interior Girder 1	22.1267	0.95	1	1	9.956836
Gravel Truck_str	BOBJ1	22.1267	After	Interior Girder 2	22.1267	0.95	1	1	9.099029
Gravel Truck_str	BOBJ1	22.1267	After	Interior Girder 3	22.1267	0.95	1	1	7.933302
Gravel Truck_str	BOBJ1	22.1267	After	Interior Girder 4	22.1267	0.95	1	1	7.933302
Gravel Truck_str	BOBJ1	22.1267	After	Interior Girder 5	22.1267	0.95	1	1	9.099029
Gravel Truck_str	BOBJ1	22.1267	After	Interior Girder 6	22.1267	0.95	1	1	9.956836
Gravel Truck_str	BOBJ1	22.1267	After	Right Exterior Girder	22.1267	0.95	1	1	15.776992
Gravel Truck_str	BOBJ1	28.1033	Before	Left Exterior Girder	28.1033	0.95	1	1	15.583267
Gravel Truck_str	BOBJ1	28.1033	Before	Interior Girder 1	28.1033	0.95	1	1	9.787876
Gravel Truck_str	BOBJ1	28.1033	Before	Interior Girder 2	28.1033	0.95	1	1	8.945288
Gravel Truck_str	BOBJ1	28.1033	Before	Interior Girder 3	28.1033	0.95	1	1	7.799181
Gravel Truck_str	BOBJ1	28.1033	Before	Interior Girder 4	28.1033	0.95	1	1	7.799181
Gravel Truck_str	BOBJ1	28.1033	Before	Interior Girder 5	28.1033	0.95	1	1	8.945288
Gravel Truck_str	BOBJ1	28.1033	Before	Interior Girder 6	28.1033	0.95	1	1	9.787876
Gravel Truck_str	BOBJ1	28.1033	Before	Right Exterior Girder	28.1033	0.95	1	1	15.583267
Gravel Truck_str	BOBJ1	28.1033	After	Left Exterior Girder	28.1033	0.95	1	1	11.564468
Gravel Truck_str	BOBJ1	28.1033	After	Interior Girder 1	28.1033	0.95	1	1	6.627868
Gravel Truck_str	BOBJ1	28.1033	After	Interior Girder 2	28.1033	0.95	1	1	6.035115
Gravel Truck_str	BOBJ1	28.1033	After	Interior Girder 3	28.1033	0.95	1	1	5.167632
Gravel Truck_str	BOBJ1	28.1033	After	Interior Girder 4	28.1033	0.95	1	1	5.167632
Gravel Truck_str	BOBJ1	28.1033	After	Interior Girder 5	28.1033	0.95	1	1	6.035115
Gravel Truck_str	BOBJ1	28.1033	After	Interior Girder 6	28.1033	0.95	1	1	6.627868
Gravel Truck_str	BOBJ1	28.1033	After	Right Exterior Girder	28.1033	0.95	1	1	11.564468
Gravel Truck_str	BOBJ1	34.08	Before	Left Exterior Girder	34.08	0.95	1	1	11.416951
Gravel Truck_str	BOBJ1	34.08	Before	Interior Girder 1	34.08	0.95	1	1	6.512918
Gravel Truck_str	BOBJ1	34.08	Before	Interior Girder 2	34.08	0.95	1	1	5.930736
Gravel Truck_str	BOBJ1	34.08	Before	Interior Girder 3	34.08	0.95	1	1	5.078126
Gravel Truck_str	BOBJ1	34.08	Before	Interior Girder 4	34.08	0.95	1	1	5.078126
Gravel Truck_str	BOBJ1	34.08	Before	Interior Girder 5	34.08	0.95	1	1	5.930736
Gravel Truck_str	BOBJ1	34.08	Before	Interior Girder 6	34.08	0.95	1	1	6.512918
Gravel Truck_str	BOBJ1	34.08	Before	Right Exterior Girder	34.08	0.95	1	1	11.416951
Gravel Truck_str	BOBJ1	34.08	After	Left Exterior Girder	34.08	0.95	1	1	7.50909
Gravel Truck_str	BOBJ1	34.08	After	Interior Girder 1	34.08	0.95	1	1	6.170808
Gravel Truck_str	BOBJ1	34.08	After	Interior Girder 2	34.08	0.95	1	1	5.599746
Gravel Truck_str	BOBJ1	34.08	After	Interior Girder 3	34.08	0.95	1	1	5.022693
Gravel Truck_str	BOBJ1	34.08	After	Interior Girder 4	34.08	0.95	1	1	5.022693
Gravel Truck_str	BOBJ1	34.08	After	Interior Girder 5	34.08	0.95	1	1	5.599746
Gravel Truck_str	BOBJ1	34.08	After	Interior Girder 6	34.08	0.95	1	1	6.170808
Gravel Truck_str	BOBJ1	34.08	After	Right Exterior Girder	34.08	0.95	1	1	7.50909
Gravel Truck_str	BOBJ1	39.855	Before	Left Exterior Girder	39.855	0.95	1	1	7.412395
Gravel Truck_str	BOBJ1	39.855	Before	Interior Girder 1	39.855	0.95	1	1	6.065018
Gravel Truck_str	BOBJ1	39.855	Before	Interior Girder 2	39.855	0.95	1	1	5.50486
Gravel Truck_str	BOBJ1	39.855	Before	Interior Girder 3	39.855	0.95	1	1	4.935554
Gravel Truck_str	BOBJ1	39.855	Before	Interior Girder 4	39.855	0.95	1	1	4.935554
Gravel Truck_str	BOBJ1	39.855	Before	Interior Girder 5	39.855	0.95	1	1	5.50486
Gravel Truck_str	BOBJ1	39.855	Before	Interior Girder 6	39.855	0.95	1	1	6.065018
Gravel Truck_str	BOBJ1	39.855	Before	Right Exterior Girder	39.855	0.95	1	1	7.412395
Gravel Truck_str	BOBJ1	39.855	After	Left Exterior Girder	39.855	0.95	1	1	4.384771
Gravel Truck_str	BOBJ1	39.855	After	Interior Girder 1	39.855	0.95	1	1	6.008369
Gravel Truck_str	BOBJ1	39.855	After	Interior Girder 2	39.855	0.95	1	1	4.352035
Gravel Truck_str	BOBJ1	39.855	After	Interior Girder 3	39.855	0.95	1	1	3.605207
Gravel Truck_str	BOBJ1	39.855	After	Interior Girder 4	39.855	0.95	1	1	3.605207
Gravel Truck_str	BOBJ1	39.855	After	Interior Girder 5	39.855	0.95	1	1	4.352035
Gravel Truck_str	BOBJ1	39.855	After	Interior Girder 6	39.855	0.95	1	1	6.008369
Gravel Truck_str	BOBJ1	39.855	After	Right Exterior Girder	39.855	0.95	1	1	4.384771
Gravel Truck_str	BOBJ1	40.0288	Before	Left Exterior Girder	40.0288	0.95	1	1	4.382887
Gravel Truck_str	BOBJ1	40.0288	Before	Right Exterior Girder	40.0288	0.95	1	1	4.382887
Gravel Truck_str	BOBJ1	40.0288	After	Left Exterior Girder	40.0288	0.95	1	1	6.462585
Gravel Truck_str	BOBJ1	40.0288	After	Right Exterior Girder	40.0288	0.95	1	1	6.462585
Gravel Truck_str	BOBJ1	45.63	Before	Left Exterior Girder	45.63	0.95	1	1	6.37359
Gravel Truck_str	BOBJ1	45.63	Before	Interior Girder 1	45.63	0.95	1	1	4.612916
Gravel Truck_str	BOBJ1	45.63	Before	Interior Girder 2	45.63	0.95	1	1	4.276703
Gravel Truck_str	BOBJ1	45.63	Before	Interior Girder 3	45.63	0.95	1	1	3.54097
Gravel Truck_str	BOBJ1	45.63	Before	Interior Girder 4	45.63	0.95	1	1	3.54097

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Approach, Span 16-19									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Gravel Truck_str	BOBJ1	45.63	Before	Interior Girder 5	45.63	0.95	1	1	4.276703
Gravel Truck_str	BOBJ1	45.63	Before	Interior Girder 6	45.63	0.95	1	1	4.612916
Gravel Truck_str	BOBJ1	45.63	Before	Right Exterior Girder	45.63	0.95	1	1	6.37359
Gravel Truck_str	BOBJ1	45.63	After	Left Exterior Girder	0	0.95	1	1	5.449698
Gravel Truck_str	BOBJ1	45.63	After	Interior Girder 1	0	0.95	1	1	4.354396
Gravel Truck_str	BOBJ1	45.63	After	Interior Girder 2	0	0.95	1	1	4.011132
Gravel Truck_str	BOBJ1	45.63	After	Interior Girder 3	0	0.95	1	1	3.384901
Gravel Truck_str	BOBJ1	45.63	After	Interior Girder 4	0	0.95	1	1	3.384901
Gravel Truck_str	BOBJ1	45.63	After	Interior Girder 5	0	0.95	1	1	4.011132
Gravel Truck_str	BOBJ1	45.63	After	Interior Girder 6	0	0.95	1	1	4.354396
Gravel Truck_str	BOBJ1	45.63	After	Right Exterior Girder	0	0.95	1	1	5.449698
Gravel Truck_str	BOBJ1	50.6298	Before	Left Exterior Girder	4.9998	0.95	1	1	5.519081
Gravel Truck_str	BOBJ1	50.6298	Before	Right Exterior Girder	4.9998	0.95	1	1	5.519081
Gravel Truck_str	BOBJ1	50.6298	After	Left Exterior Girder	4.9998	0.95	1	1	4.121537
Gravel Truck_str	BOBJ1	50.6298	After	Right Exterior Girder	4.9998	0.95	1	1	4.121537
Gravel Truck_str	BOBJ1	51.4	Before	Left Exterior Girder	5.77	0.95	1	1	4.129502
Gravel Truck_str	BOBJ1	51.4	Before	Interior Girder 1	5.77	0.95	1	1	5.28334
Gravel Truck_str	BOBJ1	51.4	Before	Interior Girder 2	5.77	0.95	1	1	4.082931
Gravel Truck_str	BOBJ1	51.4	Before	Interior Girder 3	5.77	0.95	1	1	3.447296
Gravel Truck_str	BOBJ1	51.4	Before	Interior Girder 4	5.77	0.95	1	1	3.447296
Gravel Truck_str	BOBJ1	51.4	Before	Interior Girder 5	5.77	0.95	1	1	4.082931
Gravel Truck_str	BOBJ1	51.4	Before	Interior Girder 6	5.77	0.95	1	1	5.28334
Gravel Truck_str	BOBJ1	51.4	Before	Right Exterior Girder	5.77	0.95	1	1	4.129502
Gravel Truck_str	BOBJ1	51.4	After	Left Exterior Girder	5.77	0.95	1	1	5.993048
Gravel Truck_str	BOBJ1	51.4	After	Interior Girder 1	5.77	0.95	1	1	5.46651
Gravel Truck_str	BOBJ1	51.4	After	Interior Girder 2	5.77	0.95	1	1	5.008911
Gravel Truck_str	BOBJ1	51.4	After	Interior Girder 3	5.77	0.95	1	1	4.504579
Gravel Truck_str	BOBJ1	51.4	After	Interior Girder 4	5.77	0.95	1	1	4.504579
Gravel Truck_str	BOBJ1	51.4	After	Interior Girder 5	5.77	0.95	1	1	5.008911
Gravel Truck_str	BOBJ1	51.4	After	Interior Girder 6	5.77	0.95	1	1	5.46651
Gravel Truck_str	BOBJ1	51.4	After	Right Exterior Girder	5.77	0.95	1	1	5.993048
Gravel Truck_str	BOBJ1	57.17	Before	Left Exterior Girder	11.54	0.95	1	1	6.072717
Gravel Truck_str	BOBJ1	57.17	Before	Interior Girder 1	11.54	0.95	1	1	5.563379
Gravel Truck_str	BOBJ1	57.17	Before	Interior Girder 2	11.54	0.95	1	1	5.096608
Gravel Truck_str	BOBJ1	57.17	Before	Interior Girder 3	11.54	0.95	1	1	4.585352
Gravel Truck_str	BOBJ1	57.17	Before	Interior Girder 4	11.54	0.95	1	1	4.585352
Gravel Truck_str	BOBJ1	57.17	Before	Interior Girder 5	11.54	0.95	1	1	5.096608
Gravel Truck_str	BOBJ1	57.17	Before	Interior Girder 6	11.54	0.95	1	1	5.563379
Gravel Truck_str	BOBJ1	57.17	Before	Right Exterior Girder	11.54	0.95	1	1	6.072717
Gravel Truck_str	BOBJ1	57.17	After	Left Exterior Girder	11.54	0.95	1	1	8.573626
Gravel Truck_str	BOBJ1	57.17	After	Interior Girder 1	11.54	0.95	1	1	5.556273
Gravel Truck_str	BOBJ1	57.17	After	Interior Girder 2	11.54	0.95	1	1	5.229954
Gravel Truck_str	BOBJ1	57.17	After	Interior Girder 3	11.54	0.95	1	1	4.637941
Gravel Truck_str	BOBJ1	57.17	After	Interior Girder 4	11.54	0.95	1	1	4.637941
Gravel Truck_str	BOBJ1	57.17	After	Interior Girder 5	11.54	0.95	1	1	5.229954
Gravel Truck_str	BOBJ1	57.17	After	Interior Girder 6	11.54	0.95	1	1	5.556273
Gravel Truck_str	BOBJ1	57.17	After	Right Exterior Girder	11.54	0.95	1	1	8.573626
Gravel Truck_str	BOBJ1	63.34	Before	Left Exterior Girder	17.71	0.95	1	1	8.690089
Gravel Truck_str	BOBJ1	63.34	Before	Interior Girder 1	17.71	0.95	1	1	5.659336
Gravel Truck_str	BOBJ1	63.34	Before	Interior Girder 2	17.71	0.95	1	1	5.326487
Gravel Truck_str	BOBJ1	63.34	Before	Interior Girder 3	17.71	0.95	1	1	4.723587
Gravel Truck_str	BOBJ1	63.34	Before	Interior Girder 4	17.71	0.95	1	1	4.723587
Gravel Truck_str	BOBJ1	63.34	Before	Interior Girder 5	17.71	0.95	1	1	5.326487
Gravel Truck_str	BOBJ1	63.34	Before	Interior Girder 6	17.71	0.95	1	1	5.659336
Gravel Truck_str	BOBJ1	63.34	Before	Right Exterior Girder	17.71	0.95	1	1	8.690089
Gravel Truck_str	BOBJ1	63.34	After	Left Exterior Girder	17.71	0.95	1	1	9.925492
Gravel Truck_str	BOBJ1	63.34	After	Interior Girder 1	17.71	0.95	1	1	7.431438
Gravel Truck_str	BOBJ1	63.34	After	Interior Girder 2	17.71	0.95	1	1	6.911771
Gravel Truck_str	BOBJ1	63.34	After	Interior Girder 3	17.71	0.95	1	1	6.586481
Gravel Truck_str	BOBJ1	63.34	After	Interior Girder 4	17.71	0.95	1	1	6.586481
Gravel Truck_str	BOBJ1	63.34	After	Interior Girder 5	17.71	0.95	1	1	6.911771
Gravel Truck_str	BOBJ1	63.34	After	Interior Girder 6	17.71	0.95	1	1	7.431438
Gravel Truck_str	BOBJ1	63.34	After	Right Exterior Girder	17.71	0.95	1	1	9.925492
Gravel Truck_str	BOBJ1	69.51	Before	Left Exterior Girder	23.88	0.95	1	1	10.054968
Gravel Truck_str	BOBJ1	69.51	Before	Interior Girder 1	23.88	0.95	1	1	7.566115

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Approach, Span 16-19									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Gravel Truck_str	BOBJ1	69.51	Before	Interior Girder 2	23.88	0.95	1	1	7.036202
Gravel Truck_str	BOBJ1	69.51	Before	Interior Girder 3	23.88	0.95	1	1	6.705008
Gravel Truck_str	BOBJ1	69.51	Before	Interior Girder 4	23.88	0.95	1	1	6.705008
Gravel Truck_str	BOBJ1	69.51	Before	Interior Girder 5	23.88	0.95	1	1	7.036202
Gravel Truck_str	BOBJ1	69.51	Before	Interior Girder 6	23.88	0.95	1	1	7.566115
Gravel Truck_str	BOBJ1	69.51	Before	Right Exterior Girder	23.88	0.95	1	1	10.054968
Gravel Truck_str	BOBJ1	69.51	After	Left Exterior Girder	23.88	0.95	1	1	11.974912
Gravel Truck_str	BOBJ1	69.51	After	Interior Girder 1	23.88	0.95	1	1	10.164045
Gravel Truck_str	BOBJ1	69.51	After	Interior Girder 2	23.88	0.95	1	1	9.344186
Gravel Truck_str	BOBJ1	69.51	After	Interior Girder 3	23.88	0.95	1	1	8.592739
Gravel Truck_str	BOBJ1	69.51	After	Interior Girder 4	23.88	0.95	1	1	8.592739
Gravel Truck_str	BOBJ1	69.51	After	Interior Girder 5	23.88	0.95	1	1	9.344186
Gravel Truck_str	BOBJ1	69.51	After	Interior Girder 6	23.88	0.95	1	1	10.164045
Gravel Truck_str	BOBJ1	69.51	After	Right Exterior Girder	23.88	0.95	1	1	11.974912
Gravel Truck_str	BOBJ1	75.68	Before	Left Exterior Girder	30.05	0.95	1	1	12.125262
Gravel Truck_str	BOBJ1	75.68	Before	Interior Girder 1	30.05	0.95	1	1	10.343975
Gravel Truck_str	BOBJ1	75.68	Before	Interior Girder 2	30.05	0.95	1	1	9.508279
Gravel Truck_str	BOBJ1	75.68	Before	Interior Girder 3	30.05	0.95	1	1	8.451937
Gravel Truck_str	BOBJ1	75.68	Before	Interior Girder 4	30.05	0.95	1	1	8.451937
Gravel Truck_str	BOBJ1	75.68	Before	Interior Girder 5	30.05	0.95	1	1	9.508279
Gravel Truck_str	BOBJ1	75.68	Before	Interior Girder 6	30.05	0.95	1	1	10.343975
Gravel Truck_str	BOBJ1	75.68	Before	Right Exterior Girder	30.05	0.95	1	1	12.125262
Gravel Truck_str	BOBJ1	75.68	After	Left Exterior Girder	30.05	0.95	1	1	19.286975
Gravel Truck_str	BOBJ1	75.68	After	Interior Girder 1	30.05	0.95	1	1	9.406257
Gravel Truck_str	BOBJ1	75.68	After	Interior Girder 2	30.05	0.95	1	1	8.144839
Gravel Truck_str	BOBJ1	75.68	After	Interior Girder 3	30.05	0.95	1	1	6.92156
Gravel Truck_str	BOBJ1	75.68	After	Interior Girder 4	30.05	0.95	1	1	6.92156
Gravel Truck_str	BOBJ1	75.68	After	Interior Girder 5	30.05	0.95	1	1	8.144839
Gravel Truck_str	BOBJ1	75.68	After	Interior Girder 6	30.05	0.95	1	1	9.406257
Gravel Truck_str	BOBJ1	75.68	After	Right Exterior Girder	30.05	0.95	1	1	19.286975
Gravel Truck_str	BOBJ1	81.8467	Before	Left Exterior Girder	36.2167	0.95	1	1	19.05724
Gravel Truck_str	BOBJ1	81.8467	Before	Interior Girder 1	36.2167	0.95	1	1	9.566578
Gravel Truck_str	BOBJ1	81.8467	Before	Interior Girder 2	36.2167	0.95	1	1	8.284259
Gravel Truck_str	BOBJ1	81.8467	Before	Interior Girder 3	36.2167	0.95	1	1	7.040073
Gravel Truck_str	BOBJ1	81.8467	Before	Interior Girder 4	36.2167	0.95	1	1	7.040073
Gravel Truck_str	BOBJ1	81.8467	Before	Interior Girder 5	36.2167	0.95	1	1	8.284259
Gravel Truck_str	BOBJ1	81.8467	Before	Interior Girder 6	36.2167	0.95	1	1	9.566578
Gravel Truck_str	BOBJ1	81.8467	Before	Right Exterior Girder	36.2167	0.95	1	1	19.05724
Gravel Truck_str	BOBJ1	81.8467	After	Left Exterior Girder	36.2167	0.95	1	1	14.565654
Gravel Truck_str	BOBJ1	81.8467	After	Interior Girder 1	36.2167	0.95	1	1	9.663768
Gravel Truck_str	BOBJ1	81.8467	After	Interior Girder 2	36.2167	0.95	1	1	8.858977
Gravel Truck_str	BOBJ1	81.8467	After	Interior Girder 3	36.2167	0.95	1	1	8.117801
Gravel Truck_str	BOBJ1	81.8467	After	Interior Girder 4	36.2167	0.95	1	1	8.117801
Gravel Truck_str	BOBJ1	81.8467	After	Interior Girder 5	36.2167	0.95	1	1	8.858977
Gravel Truck_str	BOBJ1	81.8467	After	Interior Girder 6	36.2167	0.95	1	1	9.663768
Gravel Truck_str	BOBJ1	81.8467	After	Right Exterior Girder	36.2167	0.95	1	1	14.565654
Gravel Truck_str	BOBJ1	88.0133	Before	Left Exterior Girder	42.3833	0.95	1	1	14.385779
Gravel Truck_str	BOBJ1	88.0133	Before	Interior Girder 1	42.3833	0.95	1	1	9.497324
Gravel Truck_str	BOBJ1	88.0133	Before	Interior Girder 2	42.3833	0.95	1	1	8.706818
Gravel Truck_str	BOBJ1	88.0133	Before	Interior Girder 3	42.3833	0.95	1	1	7.978478
Gravel Truck_str	BOBJ1	88.0133	Before	Interior Girder 4	42.3833	0.95	1	1	7.978478
Gravel Truck_str	BOBJ1	88.0133	Before	Interior Girder 5	42.3833	0.95	1	1	8.706818
Gravel Truck_str	BOBJ1	88.0133	Before	Interior Girder 6	42.3833	0.95	1	1	9.497324
Gravel Truck_str	BOBJ1	88.0133	Before	Right Exterior Girder	42.3833	0.95	1	1	14.385779
Gravel Truck_str	BOBJ1	88.0133	After	Left Exterior Girder	42.3833	0.95	1	1	11.965484
Gravel Truck_str	BOBJ1	88.0133	After	Interior Girder 1	42.3833	0.95	1	1	6.891344
Gravel Truck_str	BOBJ1	88.0133	After	Interior Girder 2	42.3833	0.95	1	1	6.379153
Gravel Truck_str	BOBJ1	88.0133	After	Interior Girder 3	42.3833	0.95	1	1	5.535667
Gravel Truck_str	BOBJ1	88.0133	After	Interior Girder 4	42.3833	0.95	1	1	5.535667
Gravel Truck_str	BOBJ1	88.0133	After	Interior Girder 5	42.3833	0.95	1	1	6.379153
Gravel Truck_str	BOBJ1	88.0133	After	Interior Girder 6	42.3833	0.95	1	1	6.891344
Gravel Truck_str	BOBJ1	88.0133	After	Right Exterior Girder	42.3833	0.95	1	1	11.965484
Gravel Truck_str	BOBJ1	94.18	Before	Left Exterior Girder	48.55	0.95	1	1	11.812026
Gravel Truck_str	BOBJ1	94.18	Before	Interior Girder 1	48.55	0.95	1	1	6.769942
Gravel Truck_str	BOBJ1	94.18	Before	Interior Girder 2	48.55	0.95	1	1	6.266901

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Approach, Span 16-19									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Gravel Truck_str	BOBJ1	94.18	Before	Interior Girder 3	48.55	0.95	1	1	5.438331
Gravel Truck_str	BOBJ1	94.18	Before	Interior Girder 4	48.55	0.95	1	1	5.438331
Gravel Truck_str	BOBJ1	94.18	Before	Interior Girder 5	48.55	0.95	1	1	6.266901
Gravel Truck_str	BOBJ1	94.18	Before	Interior Girder 6	48.55	0.95	1	1	6.769942
Gravel Truck_str	BOBJ1	94.18	Before	Right Exterior Girder	48.55	0.95	1	1	11.812026
Gravel Truck_str	BOBJ1	94.18	After	Left Exterior Girder	48.55	0.95	1	1	7.544426
Gravel Truck_str	BOBJ1	94.18	After	Interior Girder 1	48.55	0.95	1	1	7.096789
Gravel Truck_str	BOBJ1	94.18	After	Interior Girder 2	48.55	0.95	1	1	6.507805
Gravel Truck_str	BOBJ1	94.18	After	Interior Girder 3	48.55	0.95	1	1	6.147956
Gravel Truck_str	BOBJ1	94.18	After	Interior Girder 4	48.55	0.95	1	1	6.147956
Gravel Truck_str	BOBJ1	94.18	After	Interior Girder 5	48.55	0.95	1	1	6.507805
Gravel Truck_str	BOBJ1	94.18	After	Interior Girder 6	48.55	0.95	1	1	7.096789
Gravel Truck_str	BOBJ1	94.18	After	Right Exterior Girder	48.55	0.95	1	1	7.544426
Gravel Truck_str	BOBJ1	100.3567	Before	Left Exterior Girder	54.7267	0.95	1	1	7.443889
Gravel Truck_str	BOBJ1	100.3567	Before	Interior Girder 1	54.7267	0.95	1	1	6.967817
Gravel Truck_str	BOBJ1	100.3567	Before	Interior Girder 2	54.7267	0.95	1	1	6.390769
Gravel Truck_str	BOBJ1	100.3567	Before	Interior Girder 3	54.7267	0.95	1	1	6.0362
Gravel Truck_str	BOBJ1	100.3567	Before	Interior Girder 4	54.7267	0.95	1	1	6.0362
Gravel Truck_str	BOBJ1	100.3567	Before	Interior Girder 5	54.7267	0.95	1	1	6.390769
Gravel Truck_str	BOBJ1	100.3567	Before	Interior Girder 6	54.7267	0.95	1	1	6.967817
Gravel Truck_str	BOBJ1	100.3567	Before	Right Exterior Girder	54.7267	0.95	1	1	7.443889
Gravel Truck_str	BOBJ1	100.3567	After	Left Exterior Girder	54.7267	0.95	1	1	6.599492
Gravel Truck_str	BOBJ1	100.3567	After	Interior Girder 1	54.7267	0.95	1	1	5.454104
Gravel Truck_str	BOBJ1	100.3567	After	Interior Girder 2	54.7267	0.95	1	1	5.045474
Gravel Truck_str	BOBJ1	100.3567	After	Interior Girder 3	54.7267	0.95	1	1	4.579035
Gravel Truck_str	BOBJ1	100.3567	After	Interior Girder 4	54.7267	0.95	1	1	4.579035
Gravel Truck_str	BOBJ1	100.3567	After	Interior Girder 5	54.7267	0.95	1	1	5.045474
Gravel Truck_str	BOBJ1	100.3567	After	Interior Girder 6	54.7267	0.95	1	1	5.454104
Gravel Truck_str	BOBJ1	100.3567	After	Right Exterior Girder	54.7267	0.95	1	1	6.599492
Gravel Truck_str	BOBJ1	106.5333	Before	Left Exterior Girder	60.9033	0.95	1	1	6.507814
Gravel Truck_str	BOBJ1	106.5333	Before	Interior Girder 1	60.9033	0.95	1	1	5.352669
Gravel Truck_str	BOBJ1	106.5333	Before	Interior Girder 2	60.9033	0.95	1	1	4.952493
Gravel Truck_str	BOBJ1	106.5333	Before	Interior Girder 3	60.9033	0.95	1	1	4.493549
Gravel Truck_str	BOBJ1	106.5333	Before	Interior Girder 4	60.9033	0.95	1	1	4.493549
Gravel Truck_str	BOBJ1	106.5333	Before	Interior Girder 5	60.9033	0.95	1	1	4.952493
Gravel Truck_str	BOBJ1	106.5333	Before	Interior Girder 6	60.9033	0.95	1	1	5.352669
Gravel Truck_str	BOBJ1	106.5333	Before	Right Exterior Girder	60.9033	0.95	1	1	6.507814
Gravel Truck_str	BOBJ1	106.5333	After	Left Exterior Girder	60.9033	0.95	1	1	5.373608
Gravel Truck_str	BOBJ1	106.5333	After	Interior Girder 1	60.9033	0.95	1	1	4.512223
Gravel Truck_str	BOBJ1	106.5333	After	Interior Girder 2	60.9033	0.95	1	1	3.946406
Gravel Truck_str	BOBJ1	106.5333	After	Interior Girder 3	60.9033	0.95	1	1	3.309961
Gravel Truck_str	BOBJ1	106.5333	After	Interior Girder 4	60.9033	0.95	1	1	3.309961
Gravel Truck_str	BOBJ1	106.5333	After	Interior Girder 5	60.9033	0.95	1	1	3.946406
Gravel Truck_str	BOBJ1	106.5333	After	Interior Girder 6	60.9033	0.95	1	1	4.512223
Gravel Truck_str	BOBJ1	106.5333	After	Right Exterior Girder	60.9033	0.95	1	1	5.373608
Gravel Truck_str	BOBJ1	108.2102	Before	Left Exterior Girder	62.5802	0.95	1	1	5.35209
Gravel Truck_str	BOBJ1	108.2102	Before	Right Exterior Girder	62.5802	0.95	1	1	5.35209
Gravel Truck_str	BOBJ1	108.2102	After	Left Exterior Girder	62.5802	0.95	1	1	5.956951
Gravel Truck_str	BOBJ1	108.2102	After	Right Exterior Girder	62.5802	0.95	1	1	5.956951
Gravel Truck_str	BOBJ1	112.71	Before	Left Exterior Girder	67.08	0.95	1	1	5.889796
Gravel Truck_str	BOBJ1	112.71	Before	Interior Girder 1	67.08	0.95	1	1	4.148956
Gravel Truck_str	BOBJ1	112.71	Before	Interior Girder 2	67.08	0.95	1	1	3.871943
Gravel Truck_str	BOBJ1	112.71	Before	Interior Girder 3	67.08	0.95	1	1	3.246376
Gravel Truck_str	BOBJ1	112.71	Before	Interior Girder 4	67.08	0.95	1	1	3.246376
Gravel Truck_str	BOBJ1	112.71	Before	Interior Girder 5	67.08	0.95	1	1	3.871943
Gravel Truck_str	BOBJ1	112.71	Before	Interior Girder 6	67.08	0.95	1	1	4.148956
Gravel Truck_str	BOBJ1	112.71	Before	Right Exterior Girder	67.08	0.95	1	1	5.889796
Gravel Truck_str	BOBJ1	112.71	After	Left Exterior Girder	0	0.95	1	1	6.709293
Gravel Truck_str	BOBJ1	112.71	After	Interior Girder 1	0	0.95	1	1	4.450812
Gravel Truck_str	BOBJ1	112.71	After	Interior Girder 2	0	0.95	1	1	4.138624
Gravel Truck_str	BOBJ1	112.71	After	Interior Girder 3	0	0.95	1	1	3.414805
Gravel Truck_str	BOBJ1	112.71	After	Interior Girder 4	0	0.95	1	1	3.414805
Gravel Truck_str	BOBJ1	112.71	After	Interior Girder 5	0	0.95	1	1	4.138624
Gravel Truck_str	BOBJ1	112.71	After	Interior Girder 6	0	0.95	1	1	4.450812
Gravel Truck_str	BOBJ1	112.71	After	Right Exterior Girder	0	0.95	1	1	6.709293

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Approach, Span 16-19									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Gravel Truck_str	BOBJ1	117.21	Before	Left Exterior Girder	4.5	0.95	1	1	6.783589
Gravel Truck_str	BOBJ1	117.21	Before	Right Exterior Girder	4.5	0.95	1	1	6.783589
Gravel Truck_str	BOBJ1	117.21	After	Left Exterior Girder	4.5	0.95	1	1	6.456439
Gravel Truck_str	BOBJ1	117.21	After	Right Exterior Girder	4.5	0.95	1	1	6.456439
Gravel Truck_str	BOBJ1	119.1	Before	Left Exterior Girder	6.39	0.95	1	1	6.48461
Gravel Truck_str	BOBJ1	119.1	Before	Interior Girder 1	6.39	0.95	1	1	4.725863
Gravel Truck_str	BOBJ1	119.1	Before	Interior Girder 2	6.39	0.95	1	1	4.21911
Gravel Truck_str	BOBJ1	119.1	Before	Interior Girder 3	6.39	0.95	1	1	3.482489
Gravel Truck_str	BOBJ1	119.1	Before	Interior Girder 4	6.39	0.95	1	1	3.482489
Gravel Truck_str	BOBJ1	119.1	Before	Interior Girder 5	6.39	0.95	1	1	4.21911
Gravel Truck_str	BOBJ1	119.1	Before	Interior Girder 6	6.39	0.95	1	1	4.725863
Gravel Truck_str	BOBJ1	119.1	Before	Right Exterior Girder	6.39	0.95	1	1	6.48461
Gravel Truck_str	BOBJ1	119.1	After	Left Exterior Girder	6.39	0.95	1	1	7.849993
Gravel Truck_str	BOBJ1	119.1	After	Interior Girder 1	6.39	0.95	1	1	5.976615
Gravel Truck_str	BOBJ1	119.1	After	Interior Girder 2	6.39	0.95	1	1	5.464678
Gravel Truck_str	BOBJ1	119.1	After	Interior Girder 3	6.39	0.95	1	1	4.941397
Gravel Truck_str	BOBJ1	119.1	After	Interior Girder 4	6.39	0.95	1	1	4.941397
Gravel Truck_str	BOBJ1	119.1	After	Interior Girder 5	6.39	0.95	1	1	5.464678
Gravel Truck_str	BOBJ1	119.1	After	Interior Girder 6	6.39	0.95	1	1	5.976615
Gravel Truck_str	BOBJ1	119.1	After	Right Exterior Girder	6.39	0.95	1	1	7.849993
Gravel Truck_str	BOBJ1	125.49	Before	Left Exterior Girder	12.78	0.95	1	1	7.961031
Gravel Truck_str	BOBJ1	125.49	Before	Interior Girder 1	12.78	0.95	1	1	6.090851
Gravel Truck_str	BOBJ1	125.49	Before	Interior Girder 2	12.78	0.95	1	1	5.568398
Gravel Truck_str	BOBJ1	125.49	Before	Interior Girder 3	12.78	0.95	1	1	5.036505
Gravel Truck_str	BOBJ1	125.49	Before	Interior Girder 4	12.78	0.95	1	1	5.036505
Gravel Truck_str	BOBJ1	125.49	Before	Interior Girder 5	12.78	0.95	1	1	5.568398
Gravel Truck_str	BOBJ1	125.49	Before	Interior Girder 6	12.78	0.95	1	1	6.090851
Gravel Truck_str	BOBJ1	125.49	Before	Right Exterior Girder	12.78	0.95	1	1	7.961031
Gravel Truck_str	BOBJ1	125.49	After	Left Exterior Girder	12.78	0.95	1	1	9.492516
Gravel Truck_str	BOBJ1	125.49	After	Interior Girder 1	12.78	0.95	1	1	8.2516
Gravel Truck_str	BOBJ1	125.49	After	Interior Girder 2	12.78	0.95	1	1	7.407559
Gravel Truck_str	BOBJ1	125.49	After	Interior Girder 3	12.78	0.95	1	1	6.96001
Gravel Truck_str	BOBJ1	125.49	After	Interior Girder 4	12.78	0.95	1	1	6.96001
Gravel Truck_str	BOBJ1	125.49	After	Interior Girder 5	12.78	0.95	1	1	7.407559
Gravel Truck_str	BOBJ1	125.49	After	Interior Girder 6	12.78	0.95	1	1	8.2516
Gravel Truck_str	BOBJ1	125.49	After	Right Exterior Girder	12.78	0.95	1	1	9.492516
Gravel Truck_str	BOBJ1	131.88	Before	Left Exterior Girder	19.17	0.95	1	1	9.621207
Gravel Truck_str	BOBJ1	131.88	Before	Interior Girder 1	19.17	0.95	1	1	8.405615
Gravel Truck_str	BOBJ1	131.88	Before	Interior Girder 2	19.17	0.95	1	1	7.544671
Gravel Truck_str	BOBJ1	131.88	Before	Interior Girder 3	19.17	0.95	1	1	7.090355
Gravel Truck_str	BOBJ1	131.88	Before	Interior Girder 4	19.17	0.95	1	1	7.090355
Gravel Truck_str	BOBJ1	131.88	Before	Interior Girder 5	19.17	0.95	1	1	7.544671
Gravel Truck_str	BOBJ1	131.88	Before	Interior Girder 6	19.17	0.95	1	1	8.405615
Gravel Truck_str	BOBJ1	131.88	Before	Right Exterior Girder	19.17	0.95	1	1	9.621207
Gravel Truck_str	BOBJ1	131.88	After	Left Exterior Girder	19.17	0.95	1	1	17.00702
Gravel Truck_str	BOBJ1	131.88	After	Interior Girder 1	19.17	0.95	1	1	8.14058
Gravel Truck_str	BOBJ1	131.88	After	Interior Girder 2	19.17	0.95	1	1	7.292254
Gravel Truck_str	BOBJ1	131.88	After	Interior Girder 3	19.17	0.95	1	1	6.223048
Gravel Truck_str	BOBJ1	131.88	After	Interior Girder 4	19.17	0.95	1	1	6.223048
Gravel Truck_str	BOBJ1	131.88	After	Interior Girder 5	19.17	0.95	1	1	7.292254
Gravel Truck_str	BOBJ1	131.88	After	Interior Girder 6	19.17	0.95	1	1	8.14058
Gravel Truck_str	BOBJ1	131.88	After	Right Exterior Girder	19.17	0.95	1	1	17.00702
Gravel Truck_str	BOBJ1	138.27	Before	Left Exterior Girder	25.56	0.95	1	1	17.228685
Gravel Truck_str	BOBJ1	138.27	Before	Interior Girder 1	25.56	0.95	1	1	8.288005
Gravel Truck_str	BOBJ1	138.27	Before	Interior Girder 2	25.56	0.95	1	1	7.424568
Gravel Truck_str	BOBJ1	138.27	Before	Interior Girder 3	25.56	0.95	1	1	6.335991
Gravel Truck_str	BOBJ1	138.27	Before	Interior Girder 4	25.56	0.95	1	1	6.335991
Gravel Truck_str	BOBJ1	138.27	Before	Interior Girder 5	25.56	0.95	1	1	7.424568
Gravel Truck_str	BOBJ1	138.27	Before	Interior Girder 6	25.56	0.95	1	1	8.288005
Gravel Truck_str	BOBJ1	138.27	Before	Right Exterior Girder	25.56	0.95	1	1	17.228685
Gravel Truck_str	BOBJ1	138.27	After	Left Exterior Girder	25.56	0.95	1	1	21.411392
Gravel Truck_str	BOBJ1	138.27	After	Interior Girder 1	25.56	0.95	1	1	12.501561
Gravel Truck_str	BOBJ1	138.27	After	Interior Girder 2	25.56	0.95	1	1	11.23729
Gravel Truck_str	BOBJ1	138.27	After	Interior Girder 3	25.56	0.95	1	1	9.794054
Gravel Truck_str	BOBJ1	138.27	After	Interior Girder 4	25.56	0.95	1	1	9.794054

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Approach, Span 16-19									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Gravel Truck_str	BOBJ1	138.27	After	Interior Girder 5	25.56	0.95	1	1	11.23729
Gravel Truck_str	BOBJ1	138.27	After	Interior Girder 6	25.56	0.95	1	1	12.501561
Gravel Truck_str	BOBJ1	138.27	After	Right Exterior Girder	25.56	0.95	1	1	21.411392
Gravel Truck_str	BOBJ1	144.66	Before	Left Exterior Girder	31.95	0.95	1	1	21.144673
Gravel Truck_str	BOBJ1	144.66	Before	Interior Girder 1	31.95	0.95	1	1	12.283786
Gravel Truck_str	BOBJ1	144.66	Before	Interior Girder 2	31.95	0.95	1	1	11.041605
Gravel Truck_str	BOBJ1	144.66	Before	Interior Girder 3	31.95	0.95	1	1	9.623514
Gravel Truck_str	BOBJ1	144.66	Before	Interior Girder 4	31.95	0.95	1	1	9.623514
Gravel Truck_str	BOBJ1	144.66	Before	Interior Girder 5	31.95	0.95	1	1	11.041605
Gravel Truck_str	BOBJ1	144.66	Before	Interior Girder 6	31.95	0.95	1	1	12.283786
Gravel Truck_str	BOBJ1	144.66	Before	Right Exterior Girder	31.95	0.95	1	1	21.144673
Gravel Truck_str	BOBJ1	144.66	After	Left Exterior Girder	31.95	0.95	1	1	15.672146
Gravel Truck_str	BOBJ1	144.66	After	Interior Girder 1	31.95	0.95	1	1	8.04575
Gravel Truck_str	BOBJ1	144.66	After	Interior Girder 2	31.95	0.95	1	1	7.218239
Gravel Truck_str	BOBJ1	144.66	After	Interior Girder 3	31.95	0.95	1	1	6.179485
Gravel Truck_str	BOBJ1	144.66	After	Interior Girder 4	31.95	0.95	1	1	6.179485
Gravel Truck_str	BOBJ1	144.66	After	Interior Girder 5	31.95	0.95	1	1	7.218239
Gravel Truck_str	BOBJ1	144.66	After	Interior Girder 6	31.95	0.95	1	1	8.04575
Gravel Truck_str	BOBJ1	144.66	After	Right Exterior Girder	31.95	0.95	1	1	15.672146
Gravel Truck_str	BOBJ1	151.05	Before	Left Exterior Girder	38.34	0.95	1	1	15.469292
Gravel Truck_str	BOBJ1	151.05	Before	Interior Girder 1	38.34	0.95	1	1	7.902363
Gravel Truck_str	BOBJ1	151.05	Before	Interior Girder 2	38.34	0.95	1	1	7.089441
Gravel Truck_str	BOBJ1	151.05	Before	Interior Girder 3	38.34	0.95	1	1	6.069204
Gravel Truck_str	BOBJ1	151.05	Before	Interior Girder 4	38.34	0.95	1	1	6.069204
Gravel Truck_str	BOBJ1	151.05	Before	Interior Girder 5	38.34	0.95	1	1	7.089441
Gravel Truck_str	BOBJ1	151.05	Before	Interior Girder 6	38.34	0.95	1	1	7.902363
Gravel Truck_str	BOBJ1	151.05	Before	Right Exterior Girder	38.34	0.95	1	1	15.469292
Gravel Truck_str	BOBJ1	151.05	After	Left Exterior Girder	38.34	0.95	1	1	9.061438
Gravel Truck_str	BOBJ1	151.05	After	Interior Girder 1	38.34	0.95	1	1	8.08204
Gravel Truck_str	BOBJ1	151.05	After	Interior Girder 2	38.34	0.95	1	1	7.249496
Gravel Truck_str	BOBJ1	151.05	After	Interior Girder 3	38.34	0.95	1	1	6.780765
Gravel Truck_str	BOBJ1	151.05	After	Interior Girder 4	38.34	0.95	1	1	6.780765
Gravel Truck_str	BOBJ1	151.05	After	Interior Girder 5	38.34	0.95	1	1	7.249496
Gravel Truck_str	BOBJ1	151.05	After	Interior Girder 6	38.34	0.95	1	1	8.08204
Gravel Truck_str	BOBJ1	151.05	After	Right Exterior Girder	38.34	0.95	1	1	9.061438
Gravel Truck_str	BOBJ1	157.4367	Before	Left Exterior Girder	44.7267	0.95	1	1	8.939412
Gravel Truck_str	BOBJ1	157.4367	Before	Interior Girder 1	44.7267	0.95	1	1	7.93391
Gravel Truck_str	BOBJ1	157.4367	Before	Interior Girder 2	44.7267	0.95	1	1	7.117744
Gravel Truck_str	BOBJ1	157.4367	Before	Interior Girder 3	44.7267	0.95	1	1	6.655922
Gravel Truck_str	BOBJ1	157.4367	Before	Interior Girder 4	44.7267	0.95	1	1	6.655922
Gravel Truck_str	BOBJ1	157.4367	Before	Interior Girder 5	44.7267	0.95	1	1	7.117744
Gravel Truck_str	BOBJ1	157.4367	Before	Interior Girder 6	44.7267	0.95	1	1	7.93391
Gravel Truck_str	BOBJ1	157.4367	Before	Right Exterior Girder	44.7267	0.95	1	1	8.939412
Gravel Truck_str	BOBJ1	157.4367	After	Left Exterior Girder	44.7267	0.95	1	1	7.504303
Gravel Truck_str	BOBJ1	157.4367	After	Interior Girder 1	44.7267	0.95	1	1	5.944591
Gravel Truck_str	BOBJ1	157.4367	After	Interior Girder 2	44.7267	0.95	1	1	5.362131
Gravel Truck_str	BOBJ1	157.4367	After	Interior Girder 3	44.7267	0.95	1	1	4.632529
Gravel Truck_str	BOBJ1	157.4367	After	Interior Girder 4	44.7267	0.95	1	1	4.632529
Gravel Truck_str	BOBJ1	157.4367	After	Interior Girder 5	44.7267	0.95	1	1	5.362131
Gravel Truck_str	BOBJ1	157.4367	After	Interior Girder 6	44.7267	0.95	1	1	5.944591
Gravel Truck_str	BOBJ1	157.4367	After	Right Exterior Girder	44.7267	0.95	1	1	7.504303
Gravel Truck_str	BOBJ1	158.71	Before	Left Exterior Girder	46	0.95	1	1	7.483423
Gravel Truck_str	BOBJ1	158.71	Before	Interior Girder 1	46	0.95	1	1	5.92249
Gravel Truck_str	BOBJ1	158.71	Before	Interior Girder 2	46	0.95	1	1	5.342303
Gravel Truck_str	BOBJ1	158.71	Before	Interior Girder 3	46	0.95	1	1	4.615099
Gravel Truck_str	BOBJ1	158.71	Before	Interior Girder 4	46	0.95	1	1	4.615099
Gravel Truck_str	BOBJ1	158.71	Before	Interior Girder 5	46	0.95	1	1	5.342303
Gravel Truck_str	BOBJ1	158.71	Before	Interior Girder 6	46	0.95	1	1	5.92249
Gravel Truck_str	BOBJ1	158.71	Before	Right Exterior Girder	46	0.95	1	1	7.483423
Gravel Truck_str	BOBJ1	158.71	After	Left Exterior Girder	46	0.95	1	1	9.303293
Gravel Truck_str	BOBJ1	158.71	After	Interior Girder 1	46	0.95	1	1	6.508488
Gravel Truck_str	BOBJ1	158.71	After	Interior Girder 2	46	0.95	1	1	5.974035
Gravel Truck_str	BOBJ1	158.71	After	Interior Girder 3	46	0.95	1	1	5.256195
Gravel Truck_str	BOBJ1	158.71	After	Interior Girder 4	46	0.95	1	1	5.256195
Gravel Truck_str	BOBJ1	158.71	After	Interior Girder 5	46	0.95	1	1	5.974035

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Approach, Span 16-19									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Gravel Truck_str	BOBJ1	158.71	After	Interior Girder 6	46	0.95	1	1	6.508488
Gravel Truck_str	BOBJ1	158.71	After	Right Exterior Girder	46	0.95	1	1	9.303293
Gravel Truck_str	BOBJ1	163.8233	Before	Left Exterior Girder	51.1133	0.95	1	1	9.213268
Gravel Truck_str	BOBJ1	163.8233	Before	Interior Girder 1	51.1133	0.95	1	1	6.421582
Gravel Truck_str	BOBJ1	163.8233	Before	Interior Girder 2	51.1133	0.95	1	1	5.894739
Gravel Truck_str	BOBJ1	163.8233	Before	Interior Girder 3	51.1133	0.95	1	1	5.185465
Gravel Truck_str	BOBJ1	163.8233	Before	Interior Girder 4	51.1133	0.95	1	1	5.185465
Gravel Truck_str	BOBJ1	163.8233	Before	Interior Girder 5	51.1133	0.95	1	1	5.894739
Gravel Truck_str	BOBJ1	163.8233	Before	Interior Girder 6	51.1133	0.95	1	1	6.421582
Gravel Truck_str	BOBJ1	163.8233	Before	Right Exterior Girder	51.1133	0.95	1	1	9.213268
Gravel Truck_str	BOBJ1	163.8233	After	Left Exterior Girder	51.1133	0.95	1	1	7.191886
Gravel Truck_str	BOBJ1	163.8233	After	Interior Girder 1	51.1133	0.95	1	1	5.695118
Gravel Truck_str	BOBJ1	163.8233	After	Interior Girder 2	51.1133	0.95	1	1	4.857864
Gravel Truck_str	BOBJ1	163.8233	After	Interior Girder 3	51.1133	0.95	1	1	3.996499
Gravel Truck_str	BOBJ1	163.8233	After	Interior Girder 4	51.1133	0.95	1	1	3.996499
Gravel Truck_str	BOBJ1	163.8233	After	Interior Girder 5	51.1133	0.95	1	1	4.857864
Gravel Truck_str	BOBJ1	163.8233	After	Interior Girder 6	51.1133	0.95	1	1	5.695118
Gravel Truck_str	BOBJ1	163.8233	After	Right Exterior Girder	51.1133	0.95	1	1	7.191886
Gravel Truck_str	BOBJ1	164.71	Before	Left Exterior Girder	52	0.95	1	1	7.179315
Gravel Truck_str	BOBJ1	164.71	Before	Right Exterior Girder	52	0.95	1	1	7.179315
Gravel Truck_str	BOBJ1	164.71	After	Left Exterior Girder	52	0.95	1	1	8.377071
Gravel Truck_str	BOBJ1	164.71	After	Right Exterior Girder	52	0.95	1	1	8.377071
Gravel Truck_str	BOBJ1	170.21	Before	Left Exterior Girder	57.5	0.95	1	1	8.278991
Gravel Truck_str	BOBJ1	170.21	Before	Interior Girder 1	57.5	0.95	1	1	5.142117
Gravel Truck_str	BOBJ1	170.21	Before	Interior Girder 2	57.5	0.95	1	1	4.775946
Gravel Truck_str	BOBJ1	170.21	Before	Interior Girder 3	57.5	0.95	1	1	3.92789
Gravel Truck_str	BOBJ1	170.21	Before	Interior Girder 4	57.5	0.95	1	1	3.92789
Gravel Truck_str	BOBJ1	170.21	Before	Interior Girder 5	57.5	0.95	1	1	4.775946
Gravel Truck_str	BOBJ1	170.21	Before	Interior Girder 6	57.5	0.95	1	1	5.142117
Gravel Truck_str	BOBJ1	170.21	Before	Right Exterior Girder	57.5	0.95	1	1	8.278991
Gravel Truck_str	BOBJ1	170.21	After	Left Exterior Girder	0	0.95	1	1	7.42188
Gravel Truck_str	BOBJ1	170.21	After	Interior Girder 1	0	0.95	1	1	4.816549
Gravel Truck_str	BOBJ1	170.21	After	Interior Girder 2	0	0.95	1	1	4.469717
Gravel Truck_str	BOBJ1	170.21	After	Interior Girder 3	0	0.95	1	1	3.731831
Gravel Truck_str	BOBJ1	170.21	After	Interior Girder 4	0	0.95	1	1	3.731831
Gravel Truck_str	BOBJ1	170.21	After	Interior Girder 5	0	0.95	1	1	4.469717
Gravel Truck_str	BOBJ1	170.21	After	Interior Girder 6	0	0.95	1	1	4.816549
Gravel Truck_str	BOBJ1	170.21	After	Right Exterior Girder	0	0.95	1	1	7.42188
Gravel Truck_str	BOBJ1	176.21	Before	Left Exterior Girder	6	0.95	1	1	7.520744
Gravel Truck_str	BOBJ1	176.21	Before	Right Exterior Girder	6	0.95	1	1	7.520744
Gravel Truck_str	BOBJ1	176.21	After	Left Exterior Girder	6	0.95	1	1	4.970773
Gravel Truck_str	BOBJ1	176.21	After	Right Exterior Girder	6	0.95	1	1	4.970773
Gravel Truck_str	BOBJ1	176.6	Before	Left Exterior Girder	6.39	0.95	1	1	4.974905
Gravel Truck_str	BOBJ1	176.6	Before	Interior Girder 1	6.39	0.95	1	1	6.177373
Gravel Truck_str	BOBJ1	176.6	Before	Interior Girder 2	6.39	0.95	1	1	4.548331
Gravel Truck_str	BOBJ1	176.6	Before	Interior Girder 3	6.39	0.95	1	1	3.798636
Gravel Truck_str	BOBJ1	176.6	Before	Interior Girder 4	6.39	0.95	1	1	3.798636
Gravel Truck_str	BOBJ1	176.6	Before	Interior Girder 5	6.39	0.95	1	1	4.548331
Gravel Truck_str	BOBJ1	176.6	Before	Interior Girder 6	6.39	0.95	1	1	6.177373
Gravel Truck_str	BOBJ1	176.6	Before	Right Exterior Girder	6.39	0.95	1	1	4.974905
Gravel Truck_str	BOBJ1	176.6	After	Left Exterior Girder	6.39	0.95	1	1	8.052252
Gravel Truck_str	BOBJ1	176.6	After	Interior Girder 1	6.39	0.95	1	1	6.215161
Gravel Truck_str	BOBJ1	176.6	After	Interior Girder 2	6.39	0.95	1	1	5.67444
Gravel Truck_str	BOBJ1	176.6	After	Interior Girder 3	6.39	0.95	1	1	5.125176
Gravel Truck_str	BOBJ1	176.6	After	Interior Girder 4	6.39	0.95	1	1	5.125176
Gravel Truck_str	BOBJ1	176.6	After	Interior Girder 5	6.39	0.95	1	1	5.67444
Gravel Truck_str	BOBJ1	176.6	After	Interior Girder 6	6.39	0.95	1	1	6.215161
Gravel Truck_str	BOBJ1	176.6	After	Right Exterior Girder	6.39	0.95	1	1	8.052252
Gravel Truck_str	BOBJ1	182.99	Before	Left Exterior Girder	12.78	0.95	1	1	8.153296
Gravel Truck_str	BOBJ1	182.99	Before	Interior Girder 1	12.78	0.95	1	1	6.322981
Gravel Truck_str	BOBJ1	182.99	Before	Interior Girder 2	12.78	0.95	1	1	5.772105
Gravel Truck_str	BOBJ1	182.99	Before	Interior Girder 3	12.78	0.95	1	1	5.214532
Gravel Truck_str	BOBJ1	182.99	Before	Interior Girder 4	12.78	0.95	1	1	5.214532
Gravel Truck_str	BOBJ1	182.99	Before	Interior Girder 5	12.78	0.95	1	1	5.772105
Gravel Truck_str	BOBJ1	182.99	Before	Interior Girder 6	12.78	0.95	1	1	6.322981

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Approach, Span 16-19									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Gravel Truck_str	BOBJ1	182.99	Before	Right Exterior Girder	12.78	0.95	1	1	8.153296
Gravel Truck_str	BOBJ1	182.99	After	Left Exterior Girder	12.78	0.95	1	1	9.199597
Gravel Truck_str	BOBJ1	182.99	After	Interior Girder 1	12.78	0.95	1	1	8.09457
Gravel Truck_str	BOBJ1	182.99	After	Interior Girder 2	12.78	0.95	1	1	7.286691
Gravel Truck_str	BOBJ1	182.99	After	Interior Girder 3	12.78	0.95	1	1	6.836297
Gravel Truck_str	BOBJ1	182.99	After	Interior Girder 4	12.78	0.95	1	1	6.836297
Gravel Truck_str	BOBJ1	182.99	After	Interior Girder 5	12.78	0.95	1	1	7.286691
Gravel Truck_str	BOBJ1	182.99	After	Interior Girder 6	12.78	0.95	1	1	8.09457
Gravel Truck_str	BOBJ1	182.99	After	Right Exterior Girder	12.78	0.95	1	1	9.199597
Gravel Truck_str	BOBJ1	189.38	Before	Left Exterior Girder	19.17	0.95	1	1	9.31094
Gravel Truck_str	BOBJ1	189.38	Before	Interior Girder 1	19.17	0.95	1	1	8.232041
Gravel Truck_str	BOBJ1	189.38	Before	Interior Girder 2	19.17	0.95	1	1	7.409317
Gravel Truck_str	BOBJ1	189.38	Before	Interior Girder 3	19.17	0.95	1	1	6.952575
Gravel Truck_str	BOBJ1	189.38	Before	Interior Girder 4	19.17	0.95	1	1	6.952575
Gravel Truck_str	BOBJ1	189.38	Before	Interior Girder 5	19.17	0.95	1	1	7.409317
Gravel Truck_str	BOBJ1	189.38	Before	Interior Girder 6	19.17	0.95	1	1	8.232041
Gravel Truck_str	BOBJ1	189.38	Before	Right Exterior Girder	19.17	0.95	1	1	9.31094
Gravel Truck_str	BOBJ1	189.38	After	Left Exterior Girder	19.17	0.95	1	1	14.647211
Gravel Truck_str	BOBJ1	189.38	After	Interior Girder 1	19.17	0.95	1	1	7.847616
Gravel Truck_str	BOBJ1	189.38	After	Interior Girder 2	19.17	0.95	1	1	7.145022
Gravel Truck_str	BOBJ1	189.38	After	Interior Girder 3	19.17	0.95	1	1	6.166715
Gravel Truck_str	BOBJ1	189.38	After	Interior Girder 4	19.17	0.95	1	1	6.166715
Gravel Truck_str	BOBJ1	189.38	After	Interior Girder 5	19.17	0.95	1	1	7.145022
Gravel Truck_str	BOBJ1	189.38	After	Interior Girder 6	19.17	0.95	1	1	7.847616
Gravel Truck_str	BOBJ1	189.38	After	Right Exterior Girder	19.17	0.95	1	1	14.647211
Gravel Truck_str	BOBJ1	195.77	Before	Left Exterior Girder	25.56	0.95	1	1	14.81877
Gravel Truck_str	BOBJ1	195.77	Before	Interior Girder 1	25.56	0.95	1	1	7.977432
Gravel Truck_str	BOBJ1	195.77	Before	Interior Girder 2	25.56	0.95	1	1	7.26307
Gravel Truck_str	BOBJ1	195.77	Before	Interior Girder 3	25.56	0.95	1	1	6.268551
Gravel Truck_str	BOBJ1	195.77	Before	Interior Girder 4	25.56	0.95	1	1	6.268551
Gravel Truck_str	BOBJ1	195.77	Before	Interior Girder 5	25.56	0.95	1	1	7.26307
Gravel Truck_str	BOBJ1	195.77	Before	Interior Girder 6	25.56	0.95	1	1	7.977432
Gravel Truck_str	BOBJ1	195.77	Before	Right Exterior Girder	25.56	0.95	1	1	14.81877
Gravel Truck_str	BOBJ1	195.77	After	Left Exterior Girder	25.56	0.95	1	1	18.802991
Gravel Truck_str	BOBJ1	195.77	After	Interior Girder 1	25.56	0.95	1	1	11.31886
Gravel Truck_str	BOBJ1	195.77	After	Interior Girder 2	25.56	0.95	1	1	10.311198
Gravel Truck_str	BOBJ1	195.77	After	Interior Girder 3	25.56	0.95	1	1	9.131847
Gravel Truck_str	BOBJ1	195.77	After	Interior Girder 4	25.56	0.95	1	1	9.131847
Gravel Truck_str	BOBJ1	195.77	After	Interior Girder 5	25.56	0.95	1	1	10.311198
Gravel Truck_str	BOBJ1	195.77	After	Interior Girder 6	25.56	0.95	1	1	11.31886
Gravel Truck_str	BOBJ1	195.77	After	Right Exterior Girder	25.56	0.95	1	1	18.802991
Gravel Truck_str	BOBJ1	202.16	Before	Left Exterior Girder	31.95	0.95	1	1	19.016039
Gravel Truck_str	BOBJ1	202.16	Before	Interior Girder 1	31.95	0.95	1	1	11.502231
Gravel Truck_str	BOBJ1	202.16	Before	Interior Girder 2	31.95	0.95	1	1	10.477765
Gravel Truck_str	BOBJ1	202.16	Before	Interior Girder 3	31.95	0.95	1	1	9.279282
Gravel Truck_str	BOBJ1	202.16	Before	Interior Girder 4	31.95	0.95	1	1	9.279282
Gravel Truck_str	BOBJ1	202.16	Before	Interior Girder 5	31.95	0.95	1	1	10.477765
Gravel Truck_str	BOBJ1	202.16	Before	Interior Girder 6	31.95	0.95	1	1	11.502231
Gravel Truck_str	BOBJ1	202.16	Before	Right Exterior Girder	31.95	0.95	1	1	19.016039
Gravel Truck_str	BOBJ1	202.16	After	Left Exterior Girder	31.95	0.95	1	1	27.272307
Gravel Truck_str	BOBJ1	202.16	After	Interior Girder 1	31.95	0.95	1	1	11.139487
Gravel Truck_str	BOBJ1	202.16	After	Interior Girder 2	31.95	0.95	1	1	9.712515
Gravel Truck_str	BOBJ1	202.16	After	Interior Girder 3	31.95	0.95	1	1	8.256395
Gravel Truck_str	BOBJ1	202.16	After	Interior Girder 4	31.95	0.95	1	1	8.256395
Gravel Truck_str	BOBJ1	202.16	After	Interior Girder 5	31.95	0.95	1	1	9.712515
Gravel Truck_str	BOBJ1	202.16	After	Interior Girder 6	31.95	0.95	1	1	11.139487
Gravel Truck_str	BOBJ1	202.16	After	Right Exterior Girder	31.95	0.95	1	1	27.272307
Gravel Truck_str	BOBJ1	208.55	Before	Left Exterior Girder	38.34	0.95	1	1	26.974603
Gravel Truck_str	BOBJ1	208.55	Before	Interior Girder 1	38.34	0.95	1	1	10.966348
Gravel Truck_str	BOBJ1	208.55	Before	Interior Girder 2	38.34	0.95	1	1	9.560911
Gravel Truck_str	BOBJ1	208.55	Before	Interior Girder 3	38.34	0.95	1	1	8.127495
Gravel Truck_str	BOBJ1	208.55	Before	Interior Girder 4	38.34	0.95	1	1	8.127495
Gravel Truck_str	BOBJ1	208.55	Before	Interior Girder 5	38.34	0.95	1	1	9.560911
Gravel Truck_str	BOBJ1	208.55	Before	Interior Girder 6	38.34	0.95	1	1	10.966348
Gravel Truck_str	BOBJ1	208.55	Before	Right Exterior Girder	38.34	0.95	1	1	26.974603

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Approach, Span 16-19									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Gravel Truck_str	BOBJ1	208.55	After	Left Exterior Girder	38.34	0.95	1	1	14.187714
Gravel Truck_str	BOBJ1	208.55	After	Interior Girder 1	38.34	0.95	1	1	12.25206
Gravel Truck_str	BOBJ1	208.55	After	Interior Girder 2	38.34	0.95	1	1	11.019268
Gravel Truck_str	BOBJ1	208.55	After	Interior Girder 3	38.34	0.95	1	1	10.638347
Gravel Truck_str	BOBJ1	208.55	After	Interior Girder 4	38.34	0.95	1	1	10.638347
Gravel Truck_str	BOBJ1	208.55	After	Interior Girder 5	38.34	0.95	1	1	11.019268
Gravel Truck_str	BOBJ1	208.55	After	Interior Girder 6	38.34	0.95	1	1	12.25206
Gravel Truck_str	BOBJ1	208.55	After	Right Exterior Girder	38.34	0.95	1	1	14.187714
Gravel Truck_str	BOBJ1	215.1233	Before	Left Exterior Girder	44.9133	0.95	1	1	14.024415
Gravel Truck_str	BOBJ1	215.1233	Before	Interior Girder 1	44.9133	0.95	1	1	12.049761
Gravel Truck_str	BOBJ1	215.1233	Before	Interior Girder 2	44.9133	0.95	1	1	10.838483
Gravel Truck_str	BOBJ1	215.1233	Before	Interior Girder 3	44.9133	0.95	1	1	10.46353
Gravel Truck_str	BOBJ1	215.1233	Before	Interior Girder 4	44.9133	0.95	1	1	10.46353
Gravel Truck_str	BOBJ1	215.1233	Before	Interior Girder 5	44.9133	0.95	1	1	10.838483
Gravel Truck_str	BOBJ1	215.1233	Before	Interior Girder 6	44.9133	0.95	1	1	12.049761
Gravel Truck_str	BOBJ1	215.1233	Before	Right Exterior Girder	44.9133	0.95	1	1	14.024415
Gravel Truck_str	BOBJ1	215.1233	After	Left Exterior Girder	44.9133	0.95	1	1	11.496669
Gravel Truck_str	BOBJ1	215.1233	After	Interior Girder 1	44.9133	0.95	1	1	8.627831
Gravel Truck_str	BOBJ1	215.1233	After	Interior Girder 2	44.9133	0.95	1	1	7.82346
Gravel Truck_str	BOBJ1	215.1233	After	Interior Girder 3	44.9133	0.95	1	1	7.446923
Gravel Truck_str	BOBJ1	215.1233	After	Interior Girder 4	44.9133	0.95	1	1	7.446923
Gravel Truck_str	BOBJ1	215.1233	After	Interior Girder 5	44.9133	0.95	1	1	7.82346
Gravel Truck_str	BOBJ1	215.1233	After	Interior Girder 6	44.9133	0.95	1	1	8.627831
Gravel Truck_str	BOBJ1	215.1233	After	Right Exterior Girder	44.9133	0.95	1	1	11.496669
Gravel Truck_str	BOBJ1	221.6967	Before	Left Exterior Girder	51.4867	0.95	1	1	11.35985
Gravel Truck_str	BOBJ1	221.6967	Before	Interior Girder 1	51.4867	0.95	1	1	8.482247
Gravel Truck_str	BOBJ1	221.6967	Before	Interior Girder 2	51.4867	0.95	1	1	7.692153
Gravel Truck_str	BOBJ1	221.6967	Before	Interior Girder 3	51.4867	0.95	1	1	7.321704
Gravel Truck_str	BOBJ1	221.6967	Before	Interior Girder 4	51.4867	0.95	1	1	7.321704
Gravel Truck_str	BOBJ1	221.6967	Before	Interior Girder 5	51.4867	0.95	1	1	7.692153
Gravel Truck_str	BOBJ1	221.6967	Before	Interior Girder 6	51.4867	0.95	1	1	8.482247
Gravel Truck_str	BOBJ1	221.6967	Before	Right Exterior Girder	51.4867	0.95	1	1	11.35985
Gravel Truck_str	BOBJ1	221.6967	After	Left Exterior Girder	51.4867	0.95	1	1	9.826681
Gravel Truck_str	BOBJ1	221.6967	After	Interior Girder 1	51.4867	0.95	1	1	6.118645
Gravel Truck_str	BOBJ1	221.6967	After	Interior Girder 2	51.4867	0.95	1	1	5.676763
Gravel Truck_str	BOBJ1	221.6967	After	Interior Girder 3	51.4867	0.95	1	1	5.01224
Gravel Truck_str	BOBJ1	221.6967	After	Interior Girder 4	51.4867	0.95	1	1	5.01224
Gravel Truck_str	BOBJ1	221.6967	After	Interior Girder 5	51.4867	0.95	1	1	5.676763
Gravel Truck_str	BOBJ1	221.6967	After	Interior Girder 6	51.4867	0.95	1	1	6.118645
Gravel Truck_str	BOBJ1	221.6967	After	Right Exterior Girder	51.4867	0.95	1	1	9.826681
Gravel Truck_str	BOBJ1	228.27	Before	Left Exterior Girder	58.06	0.95	1	1	9.705487
Gravel Truck_str	BOBJ1	228.27	Before	Interior Girder 1	58.06	0.95	1	1	6.013209
Gravel Truck_str	BOBJ1	228.27	Before	Interior Girder 2	58.06	0.95	1	1	5.579305
Gravel Truck_str	BOBJ1	228.27	Before	Interior Girder 3	58.06	0.95	1	1	4.925896
Gravel Truck_str	BOBJ1	228.27	Before	Interior Girder 4	58.06	0.95	1	1	4.925896
Gravel Truck_str	BOBJ1	228.27	Before	Interior Girder 5	58.06	0.95	1	1	5.579305
Gravel Truck_str	BOBJ1	228.27	Before	Interior Girder 6	58.06	0.95	1	1	6.013209
Gravel Truck_str	BOBJ1	228.27	Before	Right Exterior Girder	58.06	0.95	1	1	9.705487
Annual Permit 1_str	BOBJ1	0	After	Left Exterior Girder	0	0.95	1	1	7.959569
Annual Permit 1_str	BOBJ1	0	After	Interior Girder 1	0	0.95	1	1	5.166218
Annual Permit 1_str	BOBJ1	0	After	Interior Girder 2	0	0.95	1	1	4.879621
Annual Permit 1_str	BOBJ1	0	After	Interior Girder 3	0	0.95	1	1	4.22877
Annual Permit 1_str	BOBJ1	0	After	Interior Girder 4	0	0.95	1	1	4.22877
Annual Permit 1_str	BOBJ1	0	After	Interior Girder 5	0	0.95	1	1	4.879621
Annual Permit 1_str	BOBJ1	0	After	Interior Girder 6	0	0.95	1	1	5.166218
Annual Permit 1_str	BOBJ1	0	After	Right Exterior Girder	0	0.95	1	1	7.959569
Annual Permit 1_str	BOBJ1	5.3833	Before	Left Exterior Girder	5.3833	0.95	1	1	8.050541
Annual Permit 1_str	BOBJ1	5.3833	Before	Interior Girder 1	5.3833	0.95	1	1	5.247261
Annual Permit 1_str	BOBJ1	5.3833	Before	Interior Girder 2	5.3833	0.95	1	1	4.955917
Annual Permit 1_str	BOBJ1	5.3833	Before	Interior Girder 3	5.3833	0.95	1	1	4.295212
Annual Permit 1_str	BOBJ1	5.3833	Before	Interior Girder 4	5.3833	0.95	1	1	4.295212
Annual Permit 1_str	BOBJ1	5.3833	Before	Interior Girder 5	5.3833	0.95	1	1	4.955917
Annual Permit 1_str	BOBJ1	5.3833	Before	Interior Girder 6	5.3833	0.95	1	1	5.247261
Annual Permit 1_str	BOBJ1	5.3833	Before	Right Exterior Girder	5.3833	0.95	1	1	8.050541
Annual Permit 1_str	BOBJ1	5.3833	After	Left Exterior Girder	5.3833	0.95	1	1	9.908442

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Approach, Span 16-19									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Annual Permit 1_str	BOBJ1	5.3833	After	Interior Girder 1	5.3833	0.95	1	1	7.401361
Annual Permit 1_str	BOBJ1	5.3833	After	Interior Girder 2	5.3833	0.95	1	1	7.150225
Annual Permit 1_str	BOBJ1	5.3833	After	Interior Girder 3	5.3833	0.95	1	1	6.353114
Annual Permit 1_str	BOBJ1	5.3833	After	Interior Girder 4	5.3833	0.95	1	1	6.353114
Annual Permit 1_str	BOBJ1	5.3833	After	Interior Girder 5	5.3833	0.95	1	1	7.150225
Annual Permit 1_str	BOBJ1	5.3833	After	Interior Girder 6	5.3833	0.95	1	1	7.401361
Annual Permit 1_str	BOBJ1	5.3833	After	Right Exterior Girder	5.3833	0.95	1	1	9.908442
Annual Permit 1_str	BOBJ1	10.7667	Before	Left Exterior Girder	10.7667	0.95	1	1	10.017838
Annual Permit 1_str	BOBJ1	10.7667	Before	Interior Girder 1	10.7667	0.95	1	1	7.515254
Annual Permit 1_str	BOBJ1	10.7667	Before	Interior Girder 2	10.7667	0.95	1	1	7.259673
Annual Permit 1_str	BOBJ1	10.7667	Before	Interior Girder 3	10.7667	0.95	1	1	6.450761
Annual Permit 1_str	BOBJ1	10.7667	Before	Interior Girder 4	10.7667	0.95	1	1	6.450761
Annual Permit 1_str	BOBJ1	10.7667	Before	Interior Girder 5	10.7667	0.95	1	1	7.259673
Annual Permit 1_str	BOBJ1	10.7667	Before	Interior Girder 6	10.7667	0.95	1	1	7.515254
Annual Permit 1_str	BOBJ1	10.7667	Before	Right Exterior Girder	10.7667	0.95	1	1	10.017838
Annual Permit 1_str	BOBJ1	10.7667	After	Left Exterior Girder	10.7667	0.95	1	1	12.741111
Annual Permit 1_str	BOBJ1	10.7667	After	Interior Girder 1	10.7667	0.95	1	1	10.756483
Annual Permit 1_str	BOBJ1	10.7667	After	Interior Girder 2	10.7667	0.95	1	1	10.032651
Annual Permit 1_str	BOBJ1	10.7667	After	Interior Girder 3	10.7667	0.95	1	1	8.880172
Annual Permit 1_str	BOBJ1	10.7667	After	Interior Girder 4	10.7667	0.95	1	1	8.880172
Annual Permit 1_str	BOBJ1	10.7667	After	Interior Girder 5	10.7667	0.95	1	1	10.032651
Annual Permit 1_str	BOBJ1	10.7667	After	Interior Girder 6	10.7667	0.95	1	1	10.756483
Annual Permit 1_str	BOBJ1	10.7667	After	Right Exterior Girder	10.7667	0.95	1	1	12.741111
Annual Permit 1_str	BOBJ1	16.15	Before	Left Exterior Girder	16.15	0.95	1	1	12.877258
Annual Permit 1_str	BOBJ1	16.15	Before	Interior Girder 1	16.15	0.95	1	1	10.91876
Annual Permit 1_str	BOBJ1	16.15	Before	Interior Girder 2	16.15	0.95	1	1	9.886221
Annual Permit 1_str	BOBJ1	16.15	Before	Interior Girder 3	16.15	0.95	1	1	8.751034
Annual Permit 1_str	BOBJ1	16.15	Before	Interior Girder 4	16.15	0.95	1	1	8.751034
Annual Permit 1_str	BOBJ1	16.15	Before	Interior Girder 5	16.15	0.95	1	1	9.886221
Annual Permit 1_str	BOBJ1	16.15	Before	Interior Girder 6	16.15	0.95	1	1	10.91876
Annual Permit 1_str	BOBJ1	16.15	Before	Right Exterior Girder	16.15	0.95	1	1	12.877258
Annual Permit 1_str	BOBJ1	16.15	After	Left Exterior Girder	16.15	0.95	1	1	15.105628
Annual Permit 1_str	BOBJ1	16.15	After	Interior Girder 1	16.15	0.95	1	1	10.582422
Annual Permit 1_str	BOBJ1	16.15	After	Interior Girder 2	16.15	0.95	1	1	9.1704
Annual Permit 1_str	BOBJ1	16.15	After	Interior Girder 3	16.15	0.95	1	1	7.763542
Annual Permit 1_str	BOBJ1	16.15	After	Interior Girder 4	16.15	0.95	1	1	7.763542
Annual Permit 1_str	BOBJ1	16.15	After	Interior Girder 5	16.15	0.95	1	1	9.1704
Annual Permit 1_str	BOBJ1	16.15	After	Interior Girder 6	16.15	0.95	1	1	10.582422
Annual Permit 1_str	BOBJ1	16.15	After	Right Exterior Girder	16.15	0.95	1	1	15.105628
Annual Permit 1_str	BOBJ1	22.1267	Before	Left Exterior Girder	22.1267	0.95	1	1	14.926744
Annual Permit 1_str	BOBJ1	22.1267	Before	Interior Girder 1	22.1267	0.95	1	1	10.754305
Annual Permit 1_str	BOBJ1	22.1267	Before	Interior Girder 2	22.1267	0.95	1	1	9.320174
Annual Permit 1_str	BOBJ1	22.1267	Before	Interior Girder 3	22.1267	0.95	1	1	7.890276
Annual Permit 1_str	BOBJ1	22.1267	Before	Interior Girder 4	22.1267	0.95	1	1	7.890276
Annual Permit 1_str	BOBJ1	22.1267	Before	Interior Girder 5	22.1267	0.95	1	1	9.320174
Annual Permit 1_str	BOBJ1	22.1267	Before	Interior Girder 6	22.1267	0.95	1	1	10.754305
Annual Permit 1_str	BOBJ1	22.1267	Before	Right Exterior Girder	22.1267	0.95	1	1	14.926744
Annual Permit 1_str	BOBJ1	22.1267	After	Left Exterior Girder	22.1267	0.95	1	1	10.960852
Annual Permit 1_str	BOBJ1	22.1267	After	Interior Girder 1	22.1267	0.95	1	1	7.724739
Annual Permit 1_str	BOBJ1	22.1267	After	Interior Girder 2	22.1267	0.95	1	1	7.257915
Annual Permit 1_str	BOBJ1	22.1267	After	Interior Girder 3	22.1267	0.95	1	1	6.410163
Annual Permit 1_str	BOBJ1	22.1267	After	Interior Girder 4	22.1267	0.95	1	1	6.410163
Annual Permit 1_str	BOBJ1	22.1267	After	Interior Girder 5	22.1267	0.95	1	1	7.257915
Annual Permit 1_str	BOBJ1	22.1267	After	Interior Girder 6	22.1267	0.95	1	1	7.724739
Annual Permit 1_str	BOBJ1	22.1267	After	Right Exterior Girder	22.1267	0.95	1	1	10.960852
Annual Permit 1_str	BOBJ1	28.1033	Before	Left Exterior Girder	28.1033	0.95	1	1	10.826264
Annual Permit 1_str	BOBJ1	28.1033	Before	Interior Girder 1	28.1033	0.95	1	1	7.593655
Annual Permit 1_str	BOBJ1	28.1033	Before	Interior Girder 2	28.1033	0.95	1	1	7.135282
Annual Permit 1_str	BOBJ1	28.1033	Before	Interior Girder 3	28.1033	0.95	1	1	6.301793
Annual Permit 1_str	BOBJ1	28.1033	Before	Interior Girder 4	28.1033	0.95	1	1	6.301793
Annual Permit 1_str	BOBJ1	28.1033	Before	Interior Girder 5	28.1033	0.95	1	1	7.135282
Annual Permit 1_str	BOBJ1	28.1033	Before	Interior Girder 6	28.1033	0.95	1	1	7.593655
Annual Permit 1_str	BOBJ1	28.1033	Before	Right Exterior Girder	28.1033	0.95	1	1	10.826264
Annual Permit 1_str	BOBJ1	28.1033	After	Left Exterior Girder	28.1033	0.95	1	1	8.476733
Annual Permit 1_str	BOBJ1	28.1033	After	Interior Girder 1	28.1033	0.95	1	1	5.443181

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Approach, Span 16-19									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Annual Permit 1_str	BOBJ1	28.1033	After	Interior Girder 2	28.1033	0.95	1	1	5.046883
Annual Permit 1_str	BOBJ1	28.1033	After	Interior Girder 3	28.1033	0.95	1	1	4.378777
Annual Permit 1_str	BOBJ1	28.1033	After	Interior Girder 4	28.1033	0.95	1	1	4.378777
Annual Permit 1_str	BOBJ1	28.1033	After	Interior Girder 5	28.1033	0.95	1	1	5.046883
Annual Permit 1_str	BOBJ1	28.1033	After	Interior Girder 6	28.1033	0.95	1	1	5.443181
Annual Permit 1_str	BOBJ1	28.1033	After	Right Exterior Girder	28.1033	0.95	1	1	8.476733
Annual Permit 1_str	BOBJ1	34.08	Before	Left Exterior Girder	34.08	0.95	1	1	8.368603
Annual Permit 1_str	BOBJ1	34.08	Before	Interior Girder 1	34.08	0.95	1	1	5.348777
Annual Permit 1_str	BOBJ1	34.08	Before	Interior Girder 2	34.08	0.95	1	1	4.959596
Annual Permit 1_str	BOBJ1	34.08	Before	Interior Girder 3	34.08	0.95	1	1	4.302935
Annual Permit 1_str	BOBJ1	34.08	Before	Interior Girder 4	34.08	0.95	1	1	4.302935
Annual Permit 1_str	BOBJ1	34.08	Before	Interior Girder 5	34.08	0.95	1	1	4.959596
Annual Permit 1_str	BOBJ1	34.08	Before	Interior Girder 6	34.08	0.95	1	1	5.348777
Annual Permit 1_str	BOBJ1	34.08	Before	Right Exterior Girder	34.08	0.95	1	1	8.368603
Annual Permit 1_str	BOBJ1	34.08	After	Left Exterior Girder	34.08	0.95	1	1	5.667725
Annual Permit 1_str	BOBJ1	34.08	After	Interior Girder 1	34.08	0.95	1	1	5.071949
Annual Permit 1_str	BOBJ1	34.08	After	Interior Girder 2	34.08	0.95	1	1	4.972645
Annual Permit 1_str	BOBJ1	34.08	After	Interior Girder 3	34.08	0.95	1	1	4.087337
Annual Permit 1_str	BOBJ1	34.08	After	Interior Girder 4	34.08	0.95	1	1	4.087337
Annual Permit 1_str	BOBJ1	34.08	After	Interior Girder 5	34.08	0.95	1	1	4.972645
Annual Permit 1_str	BOBJ1	34.08	After	Interior Girder 6	34.08	0.95	1	1	5.071949
Annual Permit 1_str	BOBJ1	34.08	After	Right Exterior Girder	34.08	0.95	1	1	5.667725
Annual Permit 1_str	BOBJ1	39.855	Before	Left Exterior Girder	39.855	0.95	1	1	5.594741
Annual Permit 1_str	BOBJ1	39.855	Before	Interior Girder 1	39.855	0.95	1	1	4.984998
Annual Permit 1_str	BOBJ1	39.855	Before	Interior Girder 2	39.855	0.95	1	1	4.888386
Annual Permit 1_str	BOBJ1	39.855	Before	Interior Girder 3	39.855	0.95	1	1	4.016426
Annual Permit 1_str	BOBJ1	39.855	Before	Interior Girder 4	39.855	0.95	1	1	4.016426
Annual Permit 1_str	BOBJ1	39.855	Before	Interior Girder 5	39.855	0.95	1	1	4.888386
Annual Permit 1_str	BOBJ1	39.855	Before	Interior Girder 6	39.855	0.95	1	1	4.984998
Annual Permit 1_str	BOBJ1	39.855	Before	Right Exterior Girder	39.855	0.95	1	1	5.594741
Annual Permit 1_str	BOBJ1	39.855	After	Left Exterior Girder	39.855	0.95	1	1	3.333278
Annual Permit 1_str	BOBJ1	39.855	After	Interior Girder 1	39.855	0.95	1	1	5.142604
Annual Permit 1_str	BOBJ1	39.855	After	Interior Girder 2	39.855	0.95	1	1	3.742106
Annual Permit 1_str	BOBJ1	39.855	After	Interior Girder 3	39.855	0.95	1	1	2.983236
Annual Permit 1_str	BOBJ1	39.855	After	Interior Girder 4	39.855	0.95	1	1	2.983236
Annual Permit 1_str	BOBJ1	39.855	After	Interior Girder 5	39.855	0.95	1	1	3.742106
Annual Permit 1_str	BOBJ1	39.855	After	Interior Girder 6	39.855	0.95	1	1	5.142604
Annual Permit 1_str	BOBJ1	39.855	After	Right Exterior Girder	39.855	0.95	1	1	3.333278
Annual Permit 1_str	BOBJ1	40.0288	Before	Left Exterior Girder	40.0288	0.95	1	1	3.331847
Annual Permit 1_str	BOBJ1	40.0288	Before	Right Exterior Girder	40.0288	0.95	1	1	3.331847
Annual Permit 1_str	BOBJ1	40.0288	After	Left Exterior Girder	40.0288	0.95	1	1	4.819112
Annual Permit 1_str	BOBJ1	40.0288	After	Right Exterior Girder	40.0288	0.95	1	1	4.819112
Annual Permit 1_str	BOBJ1	45.63	Before	Left Exterior Girder	45.63	0.95	1	1	4.752749
Annual Permit 1_str	BOBJ1	45.63	Before	Interior Girder 1	45.63	0.95	1	1	3.830034
Annual Permit 1_str	BOBJ1	45.63	Before	Interior Girder 2	45.63	0.95	1	1	3.677332
Annual Permit 1_str	BOBJ1	45.63	Before	Interior Girder 3	45.63	0.95	1	1	2.930082
Annual Permit 1_str	BOBJ1	45.63	Before	Interior Girder 4	45.63	0.95	1	1	2.930082
Annual Permit 1_str	BOBJ1	45.63	Before	Interior Girder 5	45.63	0.95	1	1	3.677332
Annual Permit 1_str	BOBJ1	45.63	Before	Interior Girder 6	45.63	0.95	1	1	3.830034
Annual Permit 1_str	BOBJ1	45.63	Before	Right Exterior Girder	45.63	0.95	1	1	4.752749
Annual Permit 1_str	BOBJ1	45.63	After	Left Exterior Girder	0	0.95	1	1	4.383023
Annual Permit 1_str	BOBJ1	45.63	After	Interior Girder 1	0	0.95	1	1	3.721065
Annual Permit 1_str	BOBJ1	45.63	After	Interior Girder 2	0	0.95	1	1	3.601057
Annual Permit 1_str	BOBJ1	45.63	After	Interior Girder 3	0	0.95	1	1	2.89401
Annual Permit 1_str	BOBJ1	45.63	After	Interior Girder 4	0	0.95	1	1	2.89401
Annual Permit 1_str	BOBJ1	45.63	After	Interior Girder 5	0	0.95	1	1	3.601057
Annual Permit 1_str	BOBJ1	45.63	After	Interior Girder 6	0	0.95	1	1	3.721065
Annual Permit 1_str	BOBJ1	45.63	After	Right Exterior Girder	0	0.95	1	1	4.383023
Annual Permit 1_str	BOBJ1	50.6298	Before	Left Exterior Girder	4.9998	0.95	1	1	4.438826
Annual Permit 1_str	BOBJ1	50.6298	Before	Right Exterior Girder	4.9998	0.95	1	1	4.438826
Annual Permit 1_str	BOBJ1	50.6298	After	Left Exterior Girder	4.9998	0.95	1	1	3.278611
Annual Permit 1_str	BOBJ1	50.6298	After	Right Exterior Girder	4.9998	0.95	1	1	3.278611
Annual Permit 1_str	BOBJ1	51.4	Before	Left Exterior Girder	5.77	0.95	1	1	3.284947
Annual Permit 1_str	BOBJ1	51.4	Before	Interior Girder 1	5.77	0.95	1	1	4.689946
Annual Permit 1_str	BOBJ1	51.4	Before	Interior Girder 2	5.77	0.95	1	1	3.665517

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Approach, Span 16-19									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Annual Permit 1_str	BOBJ1	51.4	Before	Interior Girder 3	5.77	0.95	1	1	2.947356
Annual Permit 1_str	BOBJ1	51.4	Before	Interior Girder 4	5.77	0.95	1	1	2.947356
Annual Permit 1_str	BOBJ1	51.4	Before	Interior Girder 5	5.77	0.95	1	1	3.665517
Annual Permit 1_str	BOBJ1	51.4	Before	Interior Girder 6	5.77	0.95	1	1	4.689946
Annual Permit 1_str	BOBJ1	51.4	Before	Right Exterior Girder	5.77	0.95	1	1	3.284947
Annual Permit 1_str	BOBJ1	51.4	After	Left Exterior Girder	5.77	0.95	1	1	4.821493
Annual Permit 1_str	BOBJ1	51.4	After	Interior Girder 1	5.77	0.95	1	1	4.605894
Annual Permit 1_str	BOBJ1	51.4	After	Interior Girder 2	5.77	0.95	1	1	4.61742
Annual Permit 1_str	BOBJ1	51.4	After	Interior Girder 3	5.77	0.95	1	1	3.836086
Annual Permit 1_str	BOBJ1	51.4	After	Interior Girder 4	5.77	0.95	1	1	3.836086
Annual Permit 1_str	BOBJ1	51.4	After	Interior Girder 5	5.77	0.95	1	1	4.61742
Annual Permit 1_str	BOBJ1	51.4	After	Interior Girder 6	5.77	0.95	1	1	4.605894
Annual Permit 1_str	BOBJ1	51.4	After	Right Exterior Girder	5.77	0.95	1	1	4.821493
Annual Permit 1_str	BOBJ1	57.17	Before	Left Exterior Girder	11.54	0.95	1	1	4.885588
Annual Permit 1_str	BOBJ1	57.17	Before	Interior Girder 1	11.54	0.95	1	1	4.687513
Annual Permit 1_str	BOBJ1	57.17	Before	Interior Girder 2	11.54	0.95	1	1	4.698263
Annual Permit 1_str	BOBJ1	57.17	Before	Interior Girder 3	11.54	0.95	1	1	3.904873
Annual Permit 1_str	BOBJ1	57.17	Before	Interior Girder 4	11.54	0.95	1	1	3.904873
Annual Permit 1_str	BOBJ1	57.17	Before	Interior Girder 5	11.54	0.95	1	1	4.698263
Annual Permit 1_str	BOBJ1	57.17	Before	Interior Girder 6	11.54	0.95	1	1	4.687513
Annual Permit 1_str	BOBJ1	57.17	Before	Right Exterior Girder	11.54	0.95	1	1	4.885588
Annual Permit 1_str	BOBJ1	57.17	After	Left Exterior Girder	11.54	0.95	1	1	6.809957
Annual Permit 1_str	BOBJ1	57.17	After	Interior Girder 1	11.54	0.95	1	1	4.744063
Annual Permit 1_str	BOBJ1	57.17	After	Interior Girder 2	11.54	0.95	1	1	4.567679
Annual Permit 1_str	BOBJ1	57.17	After	Interior Girder 3	11.54	0.95	1	1	4.032668
Annual Permit 1_str	BOBJ1	57.17	After	Interior Girder 4	11.54	0.95	1	1	4.032668
Annual Permit 1_str	BOBJ1	57.17	After	Interior Girder 5	11.54	0.95	1	1	4.567679
Annual Permit 1_str	BOBJ1	57.17	After	Interior Girder 6	11.54	0.95	1	1	4.744063
Annual Permit 1_str	BOBJ1	57.17	After	Right Exterior Girder	11.54	0.95	1	1	6.809957
Annual Permit 1_str	BOBJ1	63.34	Before	Left Exterior Girder	17.71	0.95	1	1	6.902462
Annual Permit 1_str	BOBJ1	63.34	Before	Interior Girder 1	17.71	0.95	1	1	4.83206
Annual Permit 1_str	BOBJ1	63.34	Before	Interior Girder 2	17.71	0.95	1	1	4.651988
Annual Permit 1_str	BOBJ1	63.34	Before	Interior Girder 3	17.71	0.95	1	1	4.107136
Annual Permit 1_str	BOBJ1	63.34	Before	Interior Girder 4	17.71	0.95	1	1	4.107136
Annual Permit 1_str	BOBJ1	63.34	Before	Interior Girder 5	17.71	0.95	1	1	4.651988
Annual Permit 1_str	BOBJ1	63.34	Before	Interior Girder 6	17.71	0.95	1	1	4.83206
Annual Permit 1_str	BOBJ1	63.34	Before	Right Exterior Girder	17.71	0.95	1	1	6.902462
Annual Permit 1_str	BOBJ1	63.34	After	Left Exterior Girder	17.71	0.95	1	1	8.064376
Annual Permit 1_str	BOBJ1	63.34	After	Interior Girder 1	17.71	0.95	1	1	6.343778
Annual Permit 1_str	BOBJ1	63.34	After	Interior Girder 2	17.71	0.95	1	1	6.279574
Annual Permit 1_str	BOBJ1	63.34	After	Interior Girder 3	17.71	0.95	1	1	5.666245
Annual Permit 1_str	BOBJ1	63.34	After	Interior Girder 4	17.71	0.95	1	1	5.666245
Annual Permit 1_str	BOBJ1	63.34	After	Interior Girder 5	17.71	0.95	1	1	6.279574
Annual Permit 1_str	BOBJ1	63.34	After	Interior Girder 6	17.71	0.95	1	1	6.343778
Annual Permit 1_str	BOBJ1	63.34	After	Right Exterior Girder	17.71	0.95	1	1	8.064376
Annual Permit 1_str	BOBJ1	69.51	Before	Left Exterior Girder	23.88	0.95	1	1	8.169574
Annual Permit 1_str	BOBJ1	69.51	Before	Interior Girder 1	23.88	0.95	1	1	6.458743
Annual Permit 1_str	BOBJ1	69.51	Before	Interior Girder 2	23.88	0.95	1	1	6.392624
Annual Permit 1_str	BOBJ1	69.51	Before	Interior Girder 3	23.88	0.95	1	1	5.768212
Annual Permit 1_str	BOBJ1	69.51	Before	Interior Girder 4	23.88	0.95	1	1	5.768212
Annual Permit 1_str	BOBJ1	69.51	Before	Interior Girder 5	23.88	0.95	1	1	6.392624
Annual Permit 1_str	BOBJ1	69.51	Before	Interior Girder 6	23.88	0.95	1	1	6.458743
Annual Permit 1_str	BOBJ1	69.51	Before	Right Exterior Girder	23.88	0.95	1	1	8.169574
Annual Permit 1_str	BOBJ1	69.51	After	Left Exterior Girder	23.88	0.95	1	1	10.026046
Annual Permit 1_str	BOBJ1	69.51	After	Interior Girder 1	23.88	0.95	1	1	8.961357
Annual Permit 1_str	BOBJ1	69.51	After	Interior Girder 2	23.88	0.95	1	1	9.038789
Annual Permit 1_str	BOBJ1	69.51	After	Interior Girder 3	23.88	0.95	1	1	8.04974
Annual Permit 1_str	BOBJ1	69.51	After	Interior Girder 4	23.88	0.95	1	1	8.04974
Annual Permit 1_str	BOBJ1	69.51	After	Interior Girder 5	23.88	0.95	1	1	9.038789
Annual Permit 1_str	BOBJ1	69.51	After	Interior Girder 6	23.88	0.95	1	1	8.961357
Annual Permit 1_str	BOBJ1	69.51	After	Right Exterior Girder	23.88	0.95	1	1	10.026046
Annual Permit 1_str	BOBJ1	75.68	Before	Left Exterior Girder	30.05	0.95	1	1	10.151927
Annual Permit 1_str	BOBJ1	75.68	Before	Interior Girder 1	30.05	0.95	1	1	9.119997
Annual Permit 1_str	BOBJ1	75.68	Before	Interior Girder 2	30.05	0.95	1	1	9.197519
Annual Permit 1_str	BOBJ1	75.68	Before	Interior Girder 3	30.05	0.95	1	1	7.917835

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Approach, Span 16-19									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Annual Permit 1_str	BOBJ1	75.68	Before	Interior Girder 4	30.05	0.95	1	1	7.917835
Annual Permit 1_str	BOBJ1	75.68	Before	Interior Girder 5	30.05	0.95	1	1	9.197519
Annual Permit 1_str	BOBJ1	75.68	Before	Interior Girder 6	30.05	0.95	1	1	9.119997
Annual Permit 1_str	BOBJ1	75.68	Before	Right Exterior Girder	30.05	0.95	1	1	10.151927
Annual Permit 1_str	BOBJ1	75.68	After	Left Exterior Girder	30.05	0.95	1	1	15.907483
Annual Permit 1_str	BOBJ1	75.68	After	Interior Girder 1	30.05	0.95	1	1	8.583758
Annual Permit 1_str	BOBJ1	75.68	After	Interior Girder 2	30.05	0.95	1	1	7.536555
Annual Permit 1_str	BOBJ1	75.68	After	Interior Girder 3	30.05	0.95	1	1	6.456939
Annual Permit 1_str	BOBJ1	75.68	After	Interior Girder 4	30.05	0.95	1	1	6.456939
Annual Permit 1_str	BOBJ1	75.68	After	Interior Girder 5	30.05	0.95	1	1	7.536555
Annual Permit 1_str	BOBJ1	75.68	After	Interior Girder 6	30.05	0.95	1	1	8.583758
Annual Permit 1_str	BOBJ1	75.68	After	Right Exterior Girder	30.05	0.95	1	1	15.907483
Annual Permit 1_str	BOBJ1	81.8467	Before	Left Exterior Girder	36.2167	0.95	1	1	15.718002
Annual Permit 1_str	BOBJ1	81.8467	Before	Interior Girder 1	36.2167	0.95	1	1	8.73006
Annual Permit 1_str	BOBJ1	81.8467	Before	Interior Girder 2	36.2167	0.95	1	1	7.665563
Annual Permit 1_str	BOBJ1	81.8467	Before	Interior Girder 3	36.2167	0.95	1	1	6.567497
Annual Permit 1_str	BOBJ1	81.8467	Before	Interior Girder 4	36.2167	0.95	1	1	6.567497
Annual Permit 1_str	BOBJ1	81.8467	Before	Interior Girder 5	36.2167	0.95	1	1	7.665563
Annual Permit 1_str	BOBJ1	81.8467	Before	Interior Girder 6	36.2167	0.95	1	1	8.73006
Annual Permit 1_str	BOBJ1	81.8467	Before	Right Exterior Girder	36.2167	0.95	1	1	15.718002
Annual Permit 1_str	BOBJ1	81.8467	After	Left Exterior Girder	36.2167	0.95	1	1	12.377943
Annual Permit 1_str	BOBJ1	81.8467	After	Interior Girder 1	36.2167	0.95	1	1	8.552433
Annual Permit 1_str	BOBJ1	81.8467	After	Interior Girder 2	36.2167	0.95	1	1	8.137137
Annual Permit 1_str	BOBJ1	81.8467	After	Interior Girder 3	36.2167	0.95	1	1	7.28776
Annual Permit 1_str	BOBJ1	81.8467	After	Interior Girder 4	36.2167	0.95	1	1	7.28776
Annual Permit 1_str	BOBJ1	81.8467	After	Interior Girder 5	36.2167	0.95	1	1	8.137137
Annual Permit 1_str	BOBJ1	81.8467	After	Interior Girder 6	36.2167	0.95	1	1	8.552433
Annual Permit 1_str	BOBJ1	81.8467	After	Right Exterior Girder	36.2167	0.95	1	1	12.377943
Annual Permit 1_str	BOBJ1	88.0133	Before	Left Exterior Girder	42.3833	0.95	1	1	12.225085
Annual Permit 1_str	BOBJ1	88.0133	Before	Interior Girder 1	42.3833	0.95	1	1	8.40513
Annual Permit 1_str	BOBJ1	88.0133	Before	Interior Girder 2	42.3833	0.95	1	1	7.997375
Annual Permit 1_str	BOBJ1	88.0133	Before	Interior Girder 3	42.3833	0.95	1	1	7.162682
Annual Permit 1_str	BOBJ1	88.0133	Before	Interior Girder 4	42.3833	0.95	1	1	7.162682
Annual Permit 1_str	BOBJ1	88.0133	Before	Interior Girder 5	42.3833	0.95	1	1	7.997375
Annual Permit 1_str	BOBJ1	88.0133	Before	Interior Girder 6	42.3833	0.95	1	1	8.40513
Annual Permit 1_str	BOBJ1	88.0133	Before	Right Exterior Girder	42.3833	0.95	1	1	12.225085
Annual Permit 1_str	BOBJ1	88.0133	After	Left Exterior Girder	42.3833	0.95	1	1	9.436911
Annual Permit 1_str	BOBJ1	88.0133	After	Interior Girder 1	42.3833	0.95	1	1	5.973422
Annual Permit 1_str	BOBJ1	88.0133	After	Interior Girder 2	42.3833	0.95	1	1	5.59947
Annual Permit 1_str	BOBJ1	88.0133	After	Interior Girder 3	42.3833	0.95	1	1	4.930878
Annual Permit 1_str	BOBJ1	88.0133	After	Interior Girder 4	42.3833	0.95	1	1	4.930878
Annual Permit 1_str	BOBJ1	88.0133	After	Interior Girder 5	42.3833	0.95	1	1	5.59947
Annual Permit 1_str	BOBJ1	88.0133	After	Interior Girder 6	42.3833	0.95	1	1	5.973422
Annual Permit 1_str	BOBJ1	88.0133	After	Right Exterior Girder	42.3833	0.95	1	1	9.436911
Annual Permit 1_str	BOBJ1	94.18	Before	Left Exterior Girder	48.55	0.95	1	1	9.315882
Annual Permit 1_str	BOBJ1	94.18	Before	Interior Girder 1	48.55	0.95	1	1	5.868191
Annual Permit 1_str	BOBJ1	94.18	Before	Interior Girder 2	48.55	0.95	1	1	5.500939
Annual Permit 1_str	BOBJ1	94.18	Before	Interior Girder 3	48.55	0.95	1	1	4.844176
Annual Permit 1_str	BOBJ1	94.18	Before	Interior Girder 4	48.55	0.95	1	1	4.844176
Annual Permit 1_str	BOBJ1	94.18	Before	Interior Girder 5	48.55	0.95	1	1	5.500939
Annual Permit 1_str	BOBJ1	94.18	Before	Interior Girder 6	48.55	0.95	1	1	5.868191
Annual Permit 1_str	BOBJ1	94.18	Before	Right Exterior Girder	48.55	0.95	1	1	9.315882
Annual Permit 1_str	BOBJ1	94.18	After	Left Exterior Girder	48.55	0.95	1	1	5.991327
Annual Permit 1_str	BOBJ1	94.18	After	Interior Girder 1	48.55	0.95	1	1	5.859055
Annual Permit 1_str	BOBJ1	94.18	After	Interior Girder 2	48.55	0.95	1	1	5.98621
Annual Permit 1_str	BOBJ1	94.18	After	Interior Girder 3	48.55	0.95	1	1	5.227236
Annual Permit 1_str	BOBJ1	94.18	After	Interior Girder 4	48.55	0.95	1	1	5.227236
Annual Permit 1_str	BOBJ1	94.18	After	Interior Girder 5	48.55	0.95	1	1	5.98621
Annual Permit 1_str	BOBJ1	94.18	After	Interior Girder 6	48.55	0.95	1	1	5.859055
Annual Permit 1_str	BOBJ1	94.18	After	Right Exterior Girder	48.55	0.95	1	1	5.991327
Annual Permit 1_str	BOBJ1	100.3567	Before	Left Exterior Girder	54.7267	0.95	1	1	5.911486
Annual Permit 1_str	BOBJ1	100.3567	Before	Interior Girder 1	54.7267	0.95	1	1	5.752577
Annual Permit 1_str	BOBJ1	100.3567	Before	Interior Girder 2	54.7267	0.95	1	1	5.878554
Annual Permit 1_str	BOBJ1	100.3567	Before	Interior Girder 3	54.7267	0.95	1	1	5.132217
Annual Permit 1_str	BOBJ1	100.3567	Before	Interior Girder 4	54.7267	0.95	1	1	5.132217

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Approach, Span 16-19									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Annual Permit 1_str	BOBJ1	100.3567	Before	Interior Girder 5	54.7267	0.95	1	1	5.878554
Annual Permit 1_str	BOBJ1	100.3567	Before	Interior Girder 6	54.7267	0.95	1	1	5.752577
Annual Permit 1_str	BOBJ1	100.3567	Before	Right Exterior Girder	54.7267	0.95	1	1	5.911486
Annual Permit 1_str	BOBJ1	100.3567	After	Left Exterior Girder	54.7267	0.95	1	1	5.200995
Annual Permit 1_str	BOBJ1	100.3567	After	Interior Girder 1	54.7267	0.95	1	1	4.537444
Annual Permit 1_str	BOBJ1	100.3567	After	Interior Girder 2	54.7267	0.95	1	1	4.480166
Annual Permit 1_str	BOBJ1	100.3567	After	Interior Girder 3	54.7267	0.95	1	1	3.829553
Annual Permit 1_str	BOBJ1	100.3567	After	Interior Girder 4	54.7267	0.95	1	1	3.829553
Annual Permit 1_str	BOBJ1	100.3567	After	Interior Girder 5	54.7267	0.95	1	1	4.480166
Annual Permit 1_str	BOBJ1	100.3567	After	Interior Girder 6	54.7267	0.95	1	1	4.537444
Annual Permit 1_str	BOBJ1	100.3567	After	Right Exterior Girder	54.7267	0.95	1	1	5.200995
Annual Permit 1_str	BOBJ1	106.5333	Before	Left Exterior Girder	60.9033	0.95	1	1	5.128745
Annual Permit 1_str	BOBJ1	106.5333	Before	Interior Girder 1	60.9033	0.95	1	1	4.453057
Annual Permit 1_str	BOBJ1	106.5333	Before	Interior Girder 2	60.9033	0.95	1	1	4.397604
Annual Permit 1_str	BOBJ1	106.5333	Before	Interior Girder 3	60.9033	0.95	1	1	3.758059
Annual Permit 1_str	BOBJ1	106.5333	Before	Interior Girder 4	60.9033	0.95	1	1	3.758059
Annual Permit 1_str	BOBJ1	106.5333	Before	Interior Girder 5	60.9033	0.95	1	1	4.397604
Annual Permit 1_str	BOBJ1	106.5333	Before	Interior Girder 6	60.9033	0.95	1	1	4.453057
Annual Permit 1_str	BOBJ1	106.5333	Before	Right Exterior Girder	60.9033	0.95	1	1	5.128745
Annual Permit 1_str	BOBJ1	106.5333	After	Left Exterior Girder	60.9033	0.95	1	1	4.183376
Annual Permit 1_str	BOBJ1	106.5333	After	Interior Girder 1	60.9033	0.95	1	1	3.888364
Annual Permit 1_str	BOBJ1	106.5333	After	Interior Girder 2	60.9033	0.95	1	1	3.439654
Annual Permit 1_str	BOBJ1	106.5333	After	Interior Girder 3	60.9033	0.95	1	1	2.839089
Annual Permit 1_str	BOBJ1	106.5333	After	Interior Girder 4	60.9033	0.95	1	1	2.839089
Annual Permit 1_str	BOBJ1	106.5333	After	Interior Girder 5	60.9033	0.95	1	1	3.439654
Annual Permit 1_str	BOBJ1	106.5333	After	Interior Girder 6	60.9033	0.95	1	1	3.888364
Annual Permit 1_str	BOBJ1	106.5333	After	Right Exterior Girder	60.9033	0.95	1	1	4.183376
Annual Permit 1_str	BOBJ1	108.2102	Before	Left Exterior Girder	62.5802	0.95	1	1	4.166623
Annual Permit 1_str	BOBJ1	108.2102	Before	Right Exterior Girder	62.5802	0.95	1	1	4.166623
Annual Permit 1_str	BOBJ1	108.2102	After	Left Exterior Girder	62.5802	0.95	1	1	4.640967
Annual Permit 1_str	BOBJ1	108.2102	After	Right Exterior Girder	62.5802	0.95	1	1	4.640967
Annual Permit 1_str	BOBJ1	112.71	Before	Left Exterior Girder	67.08	0.95	1	1	4.588647
Annual Permit 1_str	BOBJ1	112.71	Before	Interior Girder 1	67.08	0.95	1	1	3.512755
Annual Permit 1_str	BOBJ1	112.71	Before	Interior Girder 2	67.08	0.95	1	1	3.374753
Annual Permit 1_str	BOBJ1	112.71	Before	Interior Girder 3	67.08	0.95	1	1	2.78455
Annual Permit 1_str	BOBJ1	112.71	Before	Interior Girder 4	67.08	0.95	1	1	2.78455
Annual Permit 1_str	BOBJ1	112.71	Before	Interior Girder 5	67.08	0.95	1	1	3.374753
Annual Permit 1_str	BOBJ1	112.71	Before	Interior Girder 6	67.08	0.95	1	1	3.512755
Annual Permit 1_str	BOBJ1	112.71	Before	Right Exterior Girder	67.08	0.95	1	1	4.588647
Annual Permit 1_str	BOBJ1	112.71	After	Left Exterior Girder	0	0.95	1	1	4.95418
Annual Permit 1_str	BOBJ1	112.71	After	Interior Girder 1	0	0.95	1	1	3.68688
Annual Permit 1_str	BOBJ1	112.71	After	Interior Girder 2	0	0.95	1	1	3.504689
Annual Permit 1_str	BOBJ1	112.71	After	Interior Girder 3	0	0.95	1	1	2.879241
Annual Permit 1_str	BOBJ1	112.71	After	Interior Girder 4	0	0.95	1	1	2.879241
Annual Permit 1_str	BOBJ1	112.71	After	Interior Girder 5	0	0.95	1	1	3.504689
Annual Permit 1_str	BOBJ1	112.71	After	Interior Girder 6	0	0.95	1	1	3.68688
Annual Permit 1_str	BOBJ1	112.71	After	Right Exterior Girder	0	0.95	1	1	4.95418
Annual Permit 1_str	BOBJ1	117.21	Before	Left Exterior Girder	4.5	0.95	1	1	5.009041
Annual Permit 1_str	BOBJ1	117.21	Before	Right Exterior Girder	4.5	0.95	1	1	5.009041
Annual Permit 1_str	BOBJ1	117.21	After	Left Exterior Girder	4.5	0.95	1	1	4.743527
Annual Permit 1_str	BOBJ1	117.21	After	Right Exterior Girder	4.5	0.95	1	1	4.743527
Annual Permit 1_str	BOBJ1	119.1	Before	Left Exterior Girder	6.39	0.95	1	1	4.764224
Annual Permit 1_str	BOBJ1	119.1	Before	Interior Girder 1	6.39	0.95	1	1	3.993286
Annual Permit 1_str	BOBJ1	119.1	Before	Interior Girder 2	6.39	0.95	1	1	3.572846
Annual Permit 1_str	BOBJ1	119.1	Before	Interior Girder 3	6.39	0.95	1	1	2.93631
Annual Permit 1_str	BOBJ1	119.1	Before	Interior Girder 4	6.39	0.95	1	1	2.93631
Annual Permit 1_str	BOBJ1	119.1	Before	Interior Girder 5	6.39	0.95	1	1	3.572846
Annual Permit 1_str	BOBJ1	119.1	Before	Interior Girder 6	6.39	0.95	1	1	3.993286
Annual Permit 1_str	BOBJ1	119.1	Before	Right Exterior Girder	6.39	0.95	1	1	4.764224
Annual Permit 1_str	BOBJ1	119.1	After	Left Exterior Girder	6.39	0.95	1	1	5.872256
Annual Permit 1_str	BOBJ1	119.1	After	Interior Girder 1	6.39	0.95	1	1	4.842419
Annual Permit 1_str	BOBJ1	119.1	After	Interior Girder 2	6.39	0.95	1	1	4.701125
Annual Permit 1_str	BOBJ1	119.1	After	Interior Girder 3	6.39	0.95	1	1	3.99352
Annual Permit 1_str	BOBJ1	119.1	After	Interior Girder 4	6.39	0.95	1	1	3.99352
Annual Permit 1_str	BOBJ1	119.1	After	Interior Girder 5	6.39	0.95	1	1	4.701125

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Approach, Span 16-19									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Annual Permit 1_str	BOBJ1	119.1	After	Interior Girder 6	6.39	0.95	1	1	4.842419
Annual Permit 1_str	BOBJ1	119.1	After	Right Exterior Girder	6.39	0.95	1	1	5.872256
Annual Permit 1_str	BOBJ1	125.49	Before	Left Exterior Girder	12.78	0.95	1	1	5.955319
Annual Permit 1_str	BOBJ1	125.49	Before	Interior Girder 1	12.78	0.95	1	1	4.934976
Annual Permit 1_str	BOBJ1	125.49	Before	Interior Girder 2	12.78	0.95	1	1	4.790353
Annual Permit 1_str	BOBJ1	125.49	Before	Interior Girder 3	12.78	0.95	1	1	4.070384
Annual Permit 1_str	BOBJ1	125.49	Before	Interior Girder 4	12.78	0.95	1	1	4.070384
Annual Permit 1_str	BOBJ1	125.49	Before	Interior Girder 5	12.78	0.95	1	1	4.790353
Annual Permit 1_str	BOBJ1	125.49	Before	Interior Girder 6	12.78	0.95	1	1	4.934976
Annual Permit 1_str	BOBJ1	125.49	Before	Right Exterior Girder	12.78	0.95	1	1	5.955319
Annual Permit 1_str	BOBJ1	125.49	After	Left Exterior Girder	12.78	0.95	1	1	7.05667
Annual Permit 1_str	BOBJ1	125.49	After	Interior Girder 1	12.78	0.95	1	1	6.604367
Annual Permit 1_str	BOBJ1	125.49	After	Interior Girder 2	12.78	0.95	1	1	6.55261
Annual Permit 1_str	BOBJ1	125.49	After	Interior Girder 3	12.78	0.95	1	1	5.663889
Annual Permit 1_str	BOBJ1	125.49	After	Interior Girder 4	12.78	0.95	1	1	5.663889
Annual Permit 1_str	BOBJ1	125.49	After	Interior Girder 5	12.78	0.95	1	1	6.55261
Annual Permit 1_str	BOBJ1	125.49	After	Interior Girder 6	12.78	0.95	1	1	6.604367
Annual Permit 1_str	BOBJ1	125.49	After	Right Exterior Girder	12.78	0.95	1	1	7.05667
Annual Permit 1_str	BOBJ1	131.88	Before	Left Exterior Girder	19.17	0.95	1	1	7.152338
Annual Permit 1_str	BOBJ1	131.88	Before	Interior Girder 1	19.17	0.95	1	1	6.727636
Annual Permit 1_str	BOBJ1	131.88	Before	Interior Girder 2	19.17	0.95	1	1	6.673897
Annual Permit 1_str	BOBJ1	131.88	Before	Interior Girder 3	19.17	0.95	1	1	5.769961
Annual Permit 1_str	BOBJ1	131.88	Before	Interior Girder 4	19.17	0.95	1	1	5.769961
Annual Permit 1_str	BOBJ1	131.88	Before	Interior Girder 5	19.17	0.95	1	1	6.673897
Annual Permit 1_str	BOBJ1	131.88	Before	Interior Girder 6	19.17	0.95	1	1	6.727636
Annual Permit 1_str	BOBJ1	131.88	Before	Right Exterior Girder	19.17	0.95	1	1	7.152338
Annual Permit 1_str	BOBJ1	131.88	After	Left Exterior Girder	19.17	0.95	1	1	12.269846
Annual Permit 1_str	BOBJ1	131.88	After	Interior Girder 1	19.17	0.95	1	1	6.742472
Annual Permit 1_str	BOBJ1	131.88	After	Interior Girder 2	19.17	0.95	1	1	6.199293
Annual Permit 1_str	BOBJ1	131.88	After	Interior Girder 3	19.17	0.95	1	1	5.383487
Annual Permit 1_str	BOBJ1	131.88	After	Interior Girder 4	19.17	0.95	1	1	5.383487
Annual Permit 1_str	BOBJ1	131.88	After	Interior Girder 5	19.17	0.95	1	1	6.199293
Annual Permit 1_str	BOBJ1	131.88	After	Interior Girder 6	19.17	0.95	1	1	6.742472
Annual Permit 1_str	BOBJ1	131.88	After	Right Exterior Girder	19.17	0.95	1	1	12.269846
Annual Permit 1_str	BOBJ1	138.27	Before	Left Exterior Girder	25.56	0.95	1	1	12.429767
Annual Permit 1_str	BOBJ1	138.27	Before	Interior Girder 1	25.56	0.95	1	1	6.864578
Annual Permit 1_str	BOBJ1	138.27	Before	Interior Girder 2	25.56	0.95	1	1	6.311776
Annual Permit 1_str	BOBJ1	138.27	Before	Interior Girder 3	25.56	0.95	1	1	5.481193
Annual Permit 1_str	BOBJ1	138.27	Before	Interior Girder 4	25.56	0.95	1	1	5.481193
Annual Permit 1_str	BOBJ1	138.27	Before	Interior Girder 5	25.56	0.95	1	1	6.311776
Annual Permit 1_str	BOBJ1	138.27	Before	Interior Girder 6	25.56	0.95	1	1	6.864578
Annual Permit 1_str	BOBJ1	138.27	Before	Right Exterior Girder	25.56	0.95	1	1	12.429767
Annual Permit 1_str	BOBJ1	138.27	After	Left Exterior Girder	25.56	0.95	1	1	16.163681
Annual Permit 1_str	BOBJ1	138.27	After	Interior Girder 1	25.56	0.95	1	1	10.285506
Annual Permit 1_str	BOBJ1	138.27	After	Interior Girder 2	25.56	0.95	1	1	9.530017
Annual Permit 1_str	BOBJ1	138.27	After	Interior Girder 3	25.56	0.95	1	1	8.429677
Annual Permit 1_str	BOBJ1	138.27	After	Interior Girder 4	25.56	0.95	1	1	8.429677
Annual Permit 1_str	BOBJ1	138.27	After	Interior Girder 5	25.56	0.95	1	1	9.530017
Annual Permit 1_str	BOBJ1	138.27	After	Interior Girder 6	25.56	0.95	1	1	10.285506
Annual Permit 1_str	BOBJ1	138.27	After	Right Exterior Girder	25.56	0.95	1	1	16.163681
Annual Permit 1_str	BOBJ1	144.66	Before	Left Exterior Girder	31.95	0.95	1	1	15.962333
Annual Permit 1_str	BOBJ1	144.66	Before	Interior Girder 1	31.95	0.95	1	1	10.106335
Annual Permit 1_str	BOBJ1	144.66	Before	Interior Girder 2	31.95	0.95	1	1	9.364062
Annual Permit 1_str	BOBJ1	144.66	Before	Interior Girder 3	31.95	0.95	1	1	8.282894
Annual Permit 1_str	BOBJ1	144.66	Before	Interior Girder 4	31.95	0.95	1	1	8.282894
Annual Permit 1_str	BOBJ1	144.66	Before	Interior Girder 5	31.95	0.95	1	1	9.364062
Annual Permit 1_str	BOBJ1	144.66	Before	Interior Girder 6	31.95	0.95	1	1	10.106335
Annual Permit 1_str	BOBJ1	144.66	Before	Right Exterior Girder	31.95	0.95	1	1	15.962333
Annual Permit 1_str	BOBJ1	144.66	After	Left Exterior Girder	31.95	0.95	1	1	11.744179
Annual Permit 1_str	BOBJ1	144.66	After	Interior Girder 1	31.95	0.95	1	1	6.751695
Annual Permit 1_str	BOBJ1	144.66	After	Interior Girder 2	31.95	0.95	1	1	6.190345
Annual Permit 1_str	BOBJ1	144.66	After	Interior Girder 3	31.95	0.95	1	1	5.370949
Annual Permit 1_str	BOBJ1	144.66	After	Interior Girder 4	31.95	0.95	1	1	5.370949
Annual Permit 1_str	BOBJ1	144.66	After	Interior Girder 5	31.95	0.95	1	1	6.190345
Annual Permit 1_str	BOBJ1	144.66	After	Interior Girder 6	31.95	0.95	1	1	6.751695

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Approach, Span 16-19									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Annual Permit 1_str	BOBJ1	144.66	After	Right Exterior Girder	31.95	0.95	1	1	11.744179
Annual Permit 1_str	BOBJ1	151.05	Before	Left Exterior Girder	38.34	0.95	1	1	11.592167
Annual Permit 1_str	BOBJ1	151.05	Before	Interior Girder 1	38.34	0.95	1	1	6.63137
Annual Permit 1_str	BOBJ1	151.05	Before	Interior Girder 2	38.34	0.95	1	1	6.079888
Annual Permit 1_str	BOBJ1	151.05	Before	Interior Girder 3	38.34	0.95	1	1	5.275098
Annual Permit 1_str	BOBJ1	151.05	Before	Interior Girder 4	38.34	0.95	1	1	5.275098
Annual Permit 1_str	BOBJ1	151.05	Before	Interior Girder 5	38.34	0.95	1	1	6.079888
Annual Permit 1_str	BOBJ1	151.05	Before	Interior Girder 6	38.34	0.95	1	1	6.63137
Annual Permit 1_str	BOBJ1	151.05	Before	Right Exterior Girder	38.34	0.95	1	1	11.592167
Annual Permit 1_str	BOBJ1	151.05	After	Left Exterior Girder	38.34	0.95	1	1	6.868728
Annual Permit 1_str	BOBJ1	151.05	After	Interior Girder 1	38.34	0.95	1	1	6.563313
Annual Permit 1_str	BOBJ1	151.05	After	Interior Girder 2	38.34	0.95	1	1	6.468331
Annual Permit 1_str	BOBJ1	151.05	After	Interior Girder 3	38.34	0.95	1	1	5.541215
Annual Permit 1_str	BOBJ1	151.05	After	Interior Girder 4	38.34	0.95	1	1	5.541215
Annual Permit 1_str	BOBJ1	151.05	After	Interior Girder 5	38.34	0.95	1	1	6.468331
Annual Permit 1_str	BOBJ1	151.05	After	Interior Girder 6	38.34	0.95	1	1	6.563313
Annual Permit 1_str	BOBJ1	151.05	After	Right Exterior Girder	38.34	0.95	1	1	6.868728
Annual Permit 1_str	BOBJ1	157.4367	Before	Left Exterior Girder	44.7267	0.95	1	1	6.77623
Annual Permit 1_str	BOBJ1	157.4367	Before	Interior Girder 1	44.7267	0.95	1	1	6.443018
Annual Permit 1_str	BOBJ1	157.4367	Before	Interior Girder 2	44.7267	0.95	1	1	6.350776
Annual Permit 1_str	BOBJ1	157.4367	Before	Interior Girder 3	44.7267	0.95	1	1	5.439194
Annual Permit 1_str	BOBJ1	157.4367	Before	Interior Girder 4	44.7267	0.95	1	1	5.439194
Annual Permit 1_str	BOBJ1	157.4367	Before	Interior Girder 5	44.7267	0.95	1	1	6.350776
Annual Permit 1_str	BOBJ1	157.4367	Before	Interior Girder 6	44.7267	0.95	1	1	6.443018
Annual Permit 1_str	BOBJ1	157.4367	Before	Right Exterior Girder	44.7267	0.95	1	1	6.77623
Annual Permit 1_str	BOBJ1	157.4367	After	Left Exterior Girder	44.7267	0.95	1	1	5.608245
Annual Permit 1_str	BOBJ1	157.4367	After	Interior Girder 1	44.7267	0.95	1	1	4.894307
Annual Permit 1_str	BOBJ1	157.4367	After	Interior Girder 2	44.7267	0.95	1	1	4.585841
Annual Permit 1_str	BOBJ1	157.4367	After	Interior Girder 3	44.7267	0.95	1	1	3.767363
Annual Permit 1_str	BOBJ1	157.4367	After	Interior Girder 4	44.7267	0.95	1	1	3.767363
Annual Permit 1_str	BOBJ1	157.4367	After	Interior Girder 5	44.7267	0.95	1	1	4.585841
Annual Permit 1_str	BOBJ1	157.4367	After	Interior Girder 6	44.7267	0.95	1	1	4.894307
Annual Permit 1_str	BOBJ1	157.4367	After	Right Exterior Girder	44.7267	0.95	1	1	5.608245
Annual Permit 1_str	BOBJ1	158.71	Before	Left Exterior Girder	46	0.95	1	1	5.592641
Annual Permit 1_str	BOBJ1	158.71	Before	Interior Girder 1	46	0.95	1	1	4.876111
Annual Permit 1_str	BOBJ1	158.71	Before	Interior Girder 2	46	0.95	1	1	4.568884
Annual Permit 1_str	BOBJ1	158.71	Before	Interior Girder 3	46	0.95	1	1	3.753189
Annual Permit 1_str	BOBJ1	158.71	Before	Interior Girder 4	46	0.95	1	1	3.753189
Annual Permit 1_str	BOBJ1	158.71	Before	Interior Girder 5	46	0.95	1	1	4.568884
Annual Permit 1_str	BOBJ1	158.71	Before	Interior Girder 6	46	0.95	1	1	4.876111
Annual Permit 1_str	BOBJ1	158.71	Before	Right Exterior Girder	46	0.95	1	1	5.592641
Annual Permit 1_str	BOBJ1	158.71	After	Left Exterior Girder	46	0.95	1	1	6.978368
Annual Permit 1_str	BOBJ1	158.71	After	Interior Girder 1	46	0.95	1	1	5.348617
Annual Permit 1_str	BOBJ1	158.71	After	Interior Girder 2	46	0.95	1	1	5.115594
Annual Permit 1_str	BOBJ1	158.71	After	Interior Girder 3	46	0.95	1	1	4.286291
Annual Permit 1_str	BOBJ1	158.71	After	Interior Girder 4	46	0.95	1	1	4.286291
Annual Permit 1_str	BOBJ1	158.71	After	Interior Girder 5	46	0.95	1	1	5.115594
Annual Permit 1_str	BOBJ1	158.71	After	Interior Girder 6	46	0.95	1	1	5.348617
Annual Permit 1_str	BOBJ1	158.71	After	Right Exterior Girder	46	0.95	1	1	6.978368
Annual Permit 1_str	BOBJ1	163.8233	Before	Left Exterior Girder	51.1133	0.95	1	1	6.910841
Annual Permit 1_str	BOBJ1	163.8233	Before	Interior Girder 1	51.1133	0.95	1	1	5.277198
Annual Permit 1_str	BOBJ1	163.8233	Before	Interior Girder 2	51.1133	0.95	1	1	5.047693
Annual Permit 1_str	BOBJ1	163.8233	Before	Interior Girder 3	51.1133	0.95	1	1	4.228613
Annual Permit 1_str	BOBJ1	163.8233	Before	Interior Girder 4	51.1133	0.95	1	1	4.228613
Annual Permit 1_str	BOBJ1	163.8233	Before	Interior Girder 5	51.1133	0.95	1	1	5.047693
Annual Permit 1_str	BOBJ1	163.8233	Before	Interior Girder 6	51.1133	0.95	1	1	5.277198
Annual Permit 1_str	BOBJ1	163.8233	Before	Right Exterior Girder	51.1133	0.95	1	1	6.910841
Annual Permit 1_str	BOBJ1	163.8233	After	Left Exterior Girder	51.1133	0.95	1	1	5.514194
Annual Permit 1_str	BOBJ1	163.8233	After	Interior Girder 1	51.1133	0.95	1	1	4.739962
Annual Permit 1_str	BOBJ1	163.8233	After	Interior Girder 2	51.1133	0.95	1	1	4.120258
Annual Permit 1_str	BOBJ1	163.8233	After	Interior Girder 3	51.1133	0.95	1	1	3.367433
Annual Permit 1_str	BOBJ1	163.8233	After	Interior Girder 4	51.1133	0.95	1	1	3.367433
Annual Permit 1_str	BOBJ1	163.8233	After	Interior Girder 5	51.1133	0.95	1	1	4.120258
Annual Permit 1_str	BOBJ1	163.8233	After	Interior Girder 6	51.1133	0.95	1	1	4.739962
Annual Permit 1_str	BOBJ1	163.8233	After	Right Exterior Girder	51.1133	0.95	1	1	5.514194

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Approach, Span 16-19									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Annual Permit 1_str	BOBJ1	164.71	Before	Left Exterior Girder	52	0.95	1	1	5.504555
Annual Permit 1_str	BOBJ1	164.71	Before	Right Exterior Girder	52	0.95	1	1	5.504555
Annual Permit 1_str	BOBJ1	164.71	After	Left Exterior Girder	52	0.95	1	1	6.210059
Annual Permit 1_str	BOBJ1	164.71	After	Right Exterior Girder	52	0.95	1	1	6.210059
Annual Permit 1_str	BOBJ1	170.21	Before	Left Exterior Girder	57.5	0.95	1	1	6.137351
Annual Permit 1_str	BOBJ1	170.21	Before	Interior Girder 1	57.5	0.95	1	1	4.303074
Annual Permit 1_str	BOBJ1	170.21	Before	Interior Girder 2	57.5	0.95	1	1	4.050778
Annual Permit 1_str	BOBJ1	170.21	Before	Interior Girder 3	57.5	0.95	1	1	3.309622
Annual Permit 1_str	BOBJ1	170.21	Before	Interior Girder 4	57.5	0.95	1	1	3.309622
Annual Permit 1_str	BOBJ1	170.21	Before	Interior Girder 5	57.5	0.95	1	1	4.050778
Annual Permit 1_str	BOBJ1	170.21	Before	Interior Girder 6	57.5	0.95	1	1	4.303074
Annual Permit 1_str	BOBJ1	170.21	Before	Right Exterior Girder	57.5	0.95	1	1	6.137351
Annual Permit 1_str	BOBJ1	170.21	After	Left Exterior Girder	0	0.95	1	1	5.733063
Annual Permit 1_str	BOBJ1	170.21	After	Interior Girder 1	0	0.95	1	1	4.0618
Annual Permit 1_str	BOBJ1	170.21	After	Interior Girder 2	0	0.95	1	1	3.856943
Annual Permit 1_str	BOBJ1	170.21	After	Interior Girder 3	0	0.95	1	1	3.164194
Annual Permit 1_str	BOBJ1	170.21	After	Interior Girder 4	0	0.95	1	1	3.164194
Annual Permit 1_str	BOBJ1	170.21	After	Interior Girder 5	0	0.95	1	1	3.856943
Annual Permit 1_str	BOBJ1	170.21	After	Interior Girder 6	0	0.95	1	1	4.0618
Annual Permit 1_str	BOBJ1	170.21	After	Right Exterior Girder	0	0.95	1	1	5.733063
Annual Permit 1_str	BOBJ1	176.21	Before	Left Exterior Girder	6	0.95	1	1	5.809431
Annual Permit 1_str	BOBJ1	176.21	Before	Right Exterior Girder	6	0.95	1	1	5.809431
Annual Permit 1_str	BOBJ1	176.21	After	Left Exterior Girder	6	0.95	1	1	4.028989
Annual Permit 1_str	BOBJ1	176.21	After	Right Exterior Girder	6	0.95	1	1	4.028989
Annual Permit 1_str	BOBJ1	176.6	Before	Left Exterior Girder	6.39	0.95	1	1	4.032339
Annual Permit 1_str	BOBJ1	176.6	Before	Interior Girder 1	6.39	0.95	1	1	5.256389
Annual Permit 1_str	BOBJ1	176.6	Before	Interior Girder 2	6.39	0.95	1	1	3.924779
Annual Permit 1_str	BOBJ1	176.6	Before	Interior Girder 3	6.39	0.95	1	1	3.220838
Annual Permit 1_str	BOBJ1	176.6	Before	Interior Girder 4	6.39	0.95	1	1	3.220838
Annual Permit 1_str	BOBJ1	176.6	Before	Interior Girder 5	6.39	0.95	1	1	3.924779
Annual Permit 1_str	BOBJ1	176.6	Before	Interior Girder 6	6.39	0.95	1	1	5.256389
Annual Permit 1_str	BOBJ1	176.6	Before	Right Exterior Girder	6.39	0.95	1	1	4.032339
Annual Permit 1_str	BOBJ1	176.6	After	Left Exterior Girder	6.39	0.95	1	1	6.32518
Annual Permit 1_str	BOBJ1	176.6	After	Interior Girder 1	6.39	0.95	1	1	5.140496
Annual Permit 1_str	BOBJ1	176.6	After	Interior Girder 2	6.39	0.95	1	1	4.985456
Annual Permit 1_str	BOBJ1	176.6	After	Interior Girder 3	6.39	0.95	1	1	4.22635
Annual Permit 1_str	BOBJ1	176.6	After	Interior Girder 4	6.39	0.95	1	1	4.22635
Annual Permit 1_str	BOBJ1	176.6	After	Interior Girder 5	6.39	0.95	1	1	4.985456
Annual Permit 1_str	BOBJ1	176.6	After	Interior Girder 6	6.39	0.95	1	1	5.140496
Annual Permit 1_str	BOBJ1	176.6	After	Right Exterior Girder	6.39	0.95	1	1	6.32518
Annual Permit 1_str	BOBJ1	182.99	Before	Left Exterior Girder	12.78	0.95	1	1	6.404552
Annual Permit 1_str	BOBJ1	182.99	Before	Interior Girder 1	12.78	0.95	1	1	5.229673
Annual Permit 1_str	BOBJ1	182.99	Before	Interior Girder 2	12.78	0.95	1	1	5.071264
Annual Permit 1_str	BOBJ1	182.99	Before	Interior Girder 3	12.78	0.95	1	1	4.300035
Annual Permit 1_str	BOBJ1	182.99	Before	Interior Girder 4	12.78	0.95	1	1	4.300035
Annual Permit 1_str	BOBJ1	182.99	Before	Interior Girder 5	12.78	0.95	1	1	5.071264
Annual Permit 1_str	BOBJ1	182.99	Before	Interior Girder 6	12.78	0.95	1	1	5.229673
Annual Permit 1_str	BOBJ1	182.99	Before	Right Exterior Girder	12.78	0.95	1	1	6.404552
Annual Permit 1_str	BOBJ1	182.99	After	Left Exterior Girder	12.78	0.95	1	1	7.305017
Annual Permit 1_str	BOBJ1	182.99	After	Interior Girder 1	12.78	0.95	1	1	6.68384
Annual Permit 1_str	BOBJ1	182.99	After	Interior Girder 2	12.78	0.95	1	1	6.66015
Annual Permit 1_str	BOBJ1	182.99	After	Interior Girder 3	12.78	0.95	1	1	5.752348
Annual Permit 1_str	BOBJ1	182.99	After	Interior Girder 4	12.78	0.95	1	1	5.752348
Annual Permit 1_str	BOBJ1	182.99	After	Interior Girder 5	12.78	0.95	1	1	6.66015
Annual Permit 1_str	BOBJ1	182.99	After	Interior Girder 6	12.78	0.95	1	1	6.68384
Annual Permit 1_str	BOBJ1	182.99	After	Right Exterior Girder	12.78	0.95	1	1	7.305017
Annual Permit 1_str	BOBJ1	189.38	Before	Left Exterior Girder	19.17	0.95	1	1	7.39343
Annual Permit 1_str	BOBJ1	189.38	Before	Interior Girder 1	19.17	0.95	1	1	6.797352
Annual Permit 1_str	BOBJ1	189.38	Before	Interior Girder 2	19.17	0.95	1	1	6.772233
Annual Permit 1_str	BOBJ1	189.38	Before	Interior Girder 3	19.17	0.95	1	1	5.850189
Annual Permit 1_str	BOBJ1	189.38	Before	Interior Girder 4	19.17	0.95	1	1	5.850189
Annual Permit 1_str	BOBJ1	189.38	Before	Interior Girder 5	19.17	0.95	1	1	6.772233
Annual Permit 1_str	BOBJ1	189.38	Before	Interior Girder 6	19.17	0.95	1	1	6.797352
Annual Permit 1_str	BOBJ1	189.38	Before	Right Exterior Girder	19.17	0.95	1	1	7.39343
Annual Permit 1_str	BOBJ1	189.38	After	Left Exterior Girder	19.17	0.95	1	1	11.864152

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Approach, Span 16-19									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Annual Permit 1_str	BOBJ1	189.38	After	Interior Girder 1	19.17	0.95	1	1	6.884822
Annual Permit 1_str	BOBJ1	189.38	After	Interior Girder 2	19.17	0.95	1	1	6.333898
Annual Permit 1_str	BOBJ1	189.38	After	Interior Girder 3	19.17	0.95	1	1	5.53316
Annual Permit 1_str	BOBJ1	189.38	After	Interior Girder 4	19.17	0.95	1	1	5.53316
Annual Permit 1_str	BOBJ1	189.38	After	Interior Girder 5	19.17	0.95	1	1	6.333898
Annual Permit 1_str	BOBJ1	189.38	After	Interior Girder 6	19.17	0.95	1	1	6.884822
Annual Permit 1_str	BOBJ1	189.38	After	Right Exterior Girder	19.17	0.95	1	1	11.864152
Annual Permit 1_str	BOBJ1	195.77	Before	Left Exterior Girder	25.56	0.95	1	1	12.003114
Annual Permit 1_str	BOBJ1	195.77	Before	Interior Girder 1	25.56	0.95	1	1	6.998711
Annual Permit 1_str	BOBJ1	195.77	Before	Interior Girder 2	25.56	0.95	1	1	6.438545
Annual Permit 1_str	BOBJ1	195.77	Before	Interior Girder 3	25.56	0.95	1	1	5.624534
Annual Permit 1_str	BOBJ1	195.77	Before	Interior Girder 4	25.56	0.95	1	1	5.624534
Annual Permit 1_str	BOBJ1	195.77	Before	Interior Girder 5	25.56	0.95	1	1	6.438545
Annual Permit 1_str	BOBJ1	195.77	Before	Interior Girder 6	25.56	0.95	1	1	6.998711
Annual Permit 1_str	BOBJ1	195.77	Before	Right Exterior Girder	25.56	0.95	1	1	12.003114
Annual Permit 1_str	BOBJ1	195.77	After	Left Exterior Girder	25.56	0.95	1	1	15.785044
Annual Permit 1_str	BOBJ1	195.77	After	Interior Girder 1	25.56	0.95	1	1	9.975007
Annual Permit 1_str	BOBJ1	195.77	After	Interior Girder 2	25.56	0.95	1	1	9.257064
Annual Permit 1_str	BOBJ1	195.77	After	Interior Girder 3	25.56	0.95	1	1	8.193632
Annual Permit 1_str	BOBJ1	195.77	After	Interior Girder 4	25.56	0.95	1	1	8.193632
Annual Permit 1_str	BOBJ1	195.77	After	Interior Girder 5	25.56	0.95	1	1	9.257064
Annual Permit 1_str	BOBJ1	195.77	After	Interior Girder 6	25.56	0.95	1	1	9.975007
Annual Permit 1_str	BOBJ1	195.77	After	Right Exterior Girder	25.56	0.95	1	1	15.785044
Annual Permit 1_str	BOBJ1	202.16	Before	Left Exterior Girder	31.95	0.95	1	1	15.963897
Annual Permit 1_str	BOBJ1	202.16	Before	Interior Girder 1	31.95	0.95	1	1	10.136607
Annual Permit 1_str	BOBJ1	202.16	Before	Interior Girder 2	31.95	0.95	1	1	9.406603
Annual Permit 1_str	BOBJ1	202.16	Before	Interior Girder 3	31.95	0.95	1	1	8.325919
Annual Permit 1_str	BOBJ1	202.16	Before	Interior Girder 4	31.95	0.95	1	1	8.325919
Annual Permit 1_str	BOBJ1	202.16	Before	Interior Girder 5	31.95	0.95	1	1	9.406603
Annual Permit 1_str	BOBJ1	202.16	Before	Interior Girder 6	31.95	0.95	1	1	10.136607
Annual Permit 1_str	BOBJ1	202.16	Before	Right Exterior Girder	31.95	0.95	1	1	15.963897
Annual Permit 1_str	BOBJ1	202.16	After	Left Exterior Girder	31.95	0.95	1	1	22.347385
Annual Permit 1_str	BOBJ1	202.16	After	Interior Girder 1	31.95	0.95	1	1	10.736357
Annual Permit 1_str	BOBJ1	202.16	After	Interior Girder 2	31.95	0.95	1	1	9.411626
Annual Permit 1_str	BOBJ1	202.16	After	Interior Girder 3	31.95	0.95	1	1	8.043263
Annual Permit 1_str	BOBJ1	202.16	After	Interior Girder 4	31.95	0.95	1	1	8.043263
Annual Permit 1_str	BOBJ1	202.16	After	Interior Girder 5	31.95	0.95	1	1	9.411626
Annual Permit 1_str	BOBJ1	202.16	After	Interior Girder 6	31.95	0.95	1	1	10.736357
Annual Permit 1_str	BOBJ1	202.16	After	Right Exterior Girder	31.95	0.95	1	1	22.347385
Annual Permit 1_str	BOBJ1	208.55	Before	Left Exterior Girder	38.34	0.95	1	1	22.592666
Annual Permit 1_str	BOBJ1	208.55	Before	Interior Girder 1	38.34	0.95	1	1	10.569483
Annual Permit 1_str	BOBJ1	208.55	Before	Interior Girder 2	38.34	0.95	1	1	9.264718
Annual Permit 1_str	BOBJ1	208.55	Before	Interior Girder 3	38.34	0.95	1	1	7.917691
Annual Permit 1_str	BOBJ1	208.55	Before	Interior Girder 4	38.34	0.95	1	1	7.917691
Annual Permit 1_str	BOBJ1	208.55	Before	Interior Girder 5	38.34	0.95	1	1	9.264718
Annual Permit 1_str	BOBJ1	208.55	Before	Interior Girder 6	38.34	0.95	1	1	10.569483
Annual Permit 1_str	BOBJ1	208.55	Before	Right Exterior Girder	38.34	0.95	1	1	22.592666
Annual Permit 1_str	BOBJ1	208.55	After	Left Exterior Girder	38.34	0.95	1	1	12.76014
Annual Permit 1_str	BOBJ1	208.55	After	Interior Girder 1	38.34	0.95	1	1	11.581688
Annual Permit 1_str	BOBJ1	208.55	After	Interior Girder 2	38.34	0.95	1	1	11.463525
Annual Permit 1_str	BOBJ1	208.55	After	Interior Girder 3	38.34	0.95	1	1	10.56894
Annual Permit 1_str	BOBJ1	208.55	After	Interior Girder 4	38.34	0.95	1	1	10.56894
Annual Permit 1_str	BOBJ1	208.55	After	Interior Girder 5	38.34	0.95	1	1	11.463525
Annual Permit 1_str	BOBJ1	208.55	After	Interior Girder 6	38.34	0.95	1	1	11.581688
Annual Permit 1_str	BOBJ1	208.55	After	Right Exterior Girder	38.34	0.95	1	1	12.76014
Annual Permit 1_str	BOBJ1	215.1233	Before	Left Exterior Girder	44.9133	0.95	1	1	12.613271
Annual Permit 1_str	BOBJ1	215.1233	Before	Interior Girder 1	44.9133	0.95	1	1	11.390458
Annual Permit 1_str	BOBJ1	215.1233	Before	Interior Girder 2	44.9133	0.95	1	1	11.275451
Annual Permit 1_str	BOBJ1	215.1233	Before	Interior Girder 3	44.9133	0.95	1	1	10.644998
Annual Permit 1_str	BOBJ1	215.1233	Before	Interior Girder 4	44.9133	0.95	1	1	10.644998
Annual Permit 1_str	BOBJ1	215.1233	Before	Interior Girder 5	44.9133	0.95	1	1	11.275451
Annual Permit 1_str	BOBJ1	215.1233	Before	Interior Girder 6	44.9133	0.95	1	1	11.390458
Annual Permit 1_str	BOBJ1	215.1233	Before	Right Exterior Girder	44.9133	0.95	1	1	12.613271
Annual Permit 1_str	BOBJ1	215.1233	After	Left Exterior Girder	44.9133	0.95	1	1	10.268424
Annual Permit 1_str	BOBJ1	215.1233	After	Interior Girder 1	44.9133	0.95	1	1	8.004008

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Approach, Span 16-19									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Annual Permit 1_str	BOBJ1	215.1233	After	Interior Girder 2	44.9133	0.95	1	1	7.865046
Annual Permit 1_str	BOBJ1	215.1233	After	Interior Girder 3	44.9133	0.95	1	1	7.082545
Annual Permit 1_str	BOBJ1	215.1233	After	Interior Girder 4	44.9133	0.95	1	1	7.082545
Annual Permit 1_str	BOBJ1	215.1233	After	Interior Girder 5	44.9133	0.95	1	1	7.865046
Annual Permit 1_str	BOBJ1	215.1233	After	Interior Girder 6	44.9133	0.95	1	1	8.004008
Annual Permit 1_str	BOBJ1	215.1233	After	Right Exterior Girder	44.9133	0.95	1	1	10.268424
Annual Permit 1_str	BOBJ1	221.6967	Before	Left Exterior Girder	51.4867	0.95	1	1	10.146222
Annual Permit 1_str	BOBJ1	221.6967	Before	Interior Girder 1	51.4867	0.95	1	1	7.86895
Annual Permit 1_str	BOBJ1	221.6967	Before	Interior Girder 2	51.4867	0.95	1	1	7.73304
Annual Permit 1_str	BOBJ1	221.6967	Before	Interior Girder 3	51.4867	0.95	1	1	6.963452
Annual Permit 1_str	BOBJ1	221.6967	Before	Interior Girder 4	51.4867	0.95	1	1	6.963452
Annual Permit 1_str	BOBJ1	221.6967	Before	Interior Girder 5	51.4867	0.95	1	1	7.73304
Annual Permit 1_str	BOBJ1	221.6967	Before	Interior Girder 6	51.4867	0.95	1	1	7.86895
Annual Permit 1_str	BOBJ1	221.6967	Before	Right Exterior Girder	51.4867	0.95	1	1	10.146222
Annual Permit 1_str	BOBJ1	221.6967	After	Left Exterior Girder	51.4867	0.95	1	1	8.569288
Annual Permit 1_str	BOBJ1	221.6967	After	Interior Girder 1	51.4867	0.95	1	1	5.648978
Annual Permit 1_str	BOBJ1	221.6967	After	Interior Girder 2	51.4867	0.95	1	1	5.383375
Annual Permit 1_str	BOBJ1	221.6967	After	Interior Girder 3	51.4867	0.95	1	1	4.708018
Annual Permit 1_str	BOBJ1	221.6967	After	Interior Girder 4	51.4867	0.95	1	1	4.708018
Annual Permit 1_str	BOBJ1	221.6967	After	Interior Girder 5	51.4867	0.95	1	1	5.383375
Annual Permit 1_str	BOBJ1	221.6967	After	Interior Girder 6	51.4867	0.95	1	1	5.648978
Annual Permit 1_str	BOBJ1	221.6967	After	Right Exterior Girder	51.4867	0.95	1	1	8.569288
Annual Permit 1_str	BOBJ1	228.27	Before	Left Exterior Girder	58.06	0.95	1	1	8.463602
Annual Permit 1_str	BOBJ1	228.27	Before	Interior Girder 1	58.06	0.95	1	1	5.551635
Annual Permit 1_str	BOBJ1	228.27	Before	Interior Girder 2	58.06	0.95	1	1	5.290953
Annual Permit 1_str	BOBJ1	228.27	Before	Interior Girder 3	58.06	0.95	1	1	4.626915
Annual Permit 1_str	BOBJ1	228.27	Before	Interior Girder 4	58.06	0.95	1	1	4.626915
Annual Permit 1_str	BOBJ1	228.27	Before	Interior Girder 5	58.06	0.95	1	1	5.290953
Annual Permit 1_str	BOBJ1	228.27	Before	Interior Girder 6	58.06	0.95	1	1	5.551635
Annual Permit 1_str	BOBJ1	228.27	Before	Right Exterior Girder	58.06	0.95	1	1	8.463602
Annual Permit 2_str	BOBJ1	0	After	Left Exterior Girder	0	0.95	1	1	7.557184
Annual Permit 2_str	BOBJ1	0	After	Interior Girder 1	0	0.95	1	1	4.978163
Annual Permit 2_str	BOBJ1	0	After	Interior Girder 2	0	0.95	1	1	4.716506
Annual Permit 2_str	BOBJ1	0	After	Interior Girder 3	0	0.95	1	1	4.083525
Annual Permit 2_str	BOBJ1	0	After	Interior Girder 4	0	0.95	1	1	4.083525
Annual Permit 2_str	BOBJ1	0	After	Interior Girder 5	0	0.95	1	1	4.716506
Annual Permit 2_str	BOBJ1	0	After	Interior Girder 6	0	0.95	1	1	4.978163
Annual Permit 2_str	BOBJ1	0	After	Right Exterior Girder	0	0.95	1	1	7.557184
Annual Permit 2_str	BOBJ1	5.3833	Before	Left Exterior Girder	5.3833	0.95	1	1	7.643557
Annual Permit 2_str	BOBJ1	5.3833	Before	Interior Girder 1	5.3833	0.95	1	1	5.056256
Annual Permit 2_str	BOBJ1	5.3833	Before	Interior Girder 2	5.3833	0.95	1	1	4.790253
Annual Permit 2_str	BOBJ1	5.3833	Before	Interior Girder 3	5.3833	0.95	1	1	4.147684
Annual Permit 2_str	BOBJ1	5.3833	Before	Interior Girder 4	5.3833	0.95	1	1	4.147684
Annual Permit 2_str	BOBJ1	5.3833	Before	Interior Girder 5	5.3833	0.95	1	1	4.790253
Annual Permit 2_str	BOBJ1	5.3833	Before	Interior Girder 6	5.3833	0.95	1	1	5.056256
Annual Permit 2_str	BOBJ1	5.3833	Before	Right Exterior Girder	5.3833	0.95	1	1	7.643557
Annual Permit 2_str	BOBJ1	5.3833	After	Left Exterior Girder	5.3833	0.95	1	1	9.581476
Annual Permit 2_str	BOBJ1	5.3833	After	Interior Girder 1	5.3833	0.95	1	1	7.220532
Annual Permit 2_str	BOBJ1	5.3833	After	Interior Girder 2	5.3833	0.95	1	1	6.988885
Annual Permit 2_str	BOBJ1	5.3833	After	Interior Girder 3	5.3833	0.95	1	1	6.21465
Annual Permit 2_str	BOBJ1	5.3833	After	Interior Girder 4	5.3833	0.95	1	1	6.21465
Annual Permit 2_str	BOBJ1	5.3833	After	Interior Girder 5	5.3833	0.95	1	1	6.988885
Annual Permit 2_str	BOBJ1	5.3833	After	Interior Girder 6	5.3833	0.95	1	1	7.220532
Annual Permit 2_str	BOBJ1	5.3833	After	Right Exterior Girder	5.3833	0.95	1	1	9.581476
Annual Permit 2_str	BOBJ1	10.7667	Before	Left Exterior Girder	10.7667	0.95	1	1	9.687262
Annual Permit 2_str	BOBJ1	10.7667	Before	Interior Girder 1	10.7667	0.95	1	1	7.331643
Annual Permit 2_str	BOBJ1	10.7667	Before	Interior Girder 2	10.7667	0.95	1	1	7.095863
Annual Permit 2_str	BOBJ1	10.7667	Before	Interior Girder 3	10.7667	0.95	1	1	6.31017
Annual Permit 2_str	BOBJ1	10.7667	Before	Interior Girder 4	10.7667	0.95	1	1	6.31017
Annual Permit 2_str	BOBJ1	10.7667	Before	Interior Girder 5	10.7667	0.95	1	1	7.095863
Annual Permit 2_str	BOBJ1	10.7667	Before	Interior Girder 6	10.7667	0.95	1	1	7.331643
Annual Permit 2_str	BOBJ1	10.7667	Before	Right Exterior Girder	10.7667	0.95	1	1	9.687262
Annual Permit 2_str	BOBJ1	10.7667	After	Left Exterior Girder	10.7667	0.95	1	1	12.149153
Annual Permit 2_str	BOBJ1	10.7667	After	Interior Girder 1	10.7667	0.95	1	1	10.524701
Annual Permit 2_str	BOBJ1	10.7667	After	Interior Girder 2	10.7667	0.95	1	1	10.199318

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Approach, Span 16-19									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Annual Permit 2_str	BOBJ1	10.7667	After	Interior Girder 3	10.7667	0.95	1	1	9.373758
Annual Permit 2_str	BOBJ1	10.7667	After	Interior Girder 4	10.7667	0.95	1	1	9.373758
Annual Permit 2_str	BOBJ1	10.7667	After	Interior Girder 5	10.7667	0.95	1	1	10.199318
Annual Permit 2_str	BOBJ1	10.7667	After	Interior Girder 6	10.7667	0.95	1	1	10.524701
Annual Permit 2_str	BOBJ1	10.7667	After	Right Exterior Girder	10.7667	0.95	1	1	12.149153
Annual Permit 2_str	BOBJ1	16.15	Before	Left Exterior Girder	16.15	0.95	1	1	12.278973
Annual Permit 2_str	BOBJ1	16.15	Before	Interior Girder 1	16.15	0.95	1	1	10.683481
Annual Permit 2_str	BOBJ1	16.15	Before	Interior Girder 2	16.15	0.95	1	1	10.352208
Annual Permit 2_str	BOBJ1	16.15	Before	Interior Girder 3	16.15	0.95	1	1	9.514802
Annual Permit 2_str	BOBJ1	16.15	Before	Interior Girder 4	16.15	0.95	1	1	9.514802
Annual Permit 2_str	BOBJ1	16.15	Before	Interior Girder 5	16.15	0.95	1	1	10.352208
Annual Permit 2_str	BOBJ1	16.15	Before	Interior Girder 6	16.15	0.95	1	1	10.683481
Annual Permit 2_str	BOBJ1	16.15	Before	Right Exterior Girder	16.15	0.95	1	1	12.278973
Annual Permit 2_str	BOBJ1	16.15	After	Left Exterior Girder	16.15	0.95	1	1	17.429653
Annual Permit 2_str	BOBJ1	16.15	After	Interior Girder 1	16.15	0.95	1	1	10.563599
Annual Permit 2_str	BOBJ1	16.15	After	Interior Girder 2	16.15	0.95	1	1	9.143841
Annual Permit 2_str	BOBJ1	16.15	After	Interior Girder 3	16.15	0.95	1	1	7.749725
Annual Permit 2_str	BOBJ1	16.15	After	Interior Girder 4	16.15	0.95	1	1	7.749725
Annual Permit 2_str	BOBJ1	16.15	After	Interior Girder 5	16.15	0.95	1	1	9.143841
Annual Permit 2_str	BOBJ1	16.15	After	Interior Girder 6	16.15	0.95	1	1	10.563599
Annual Permit 2_str	BOBJ1	16.15	After	Right Exterior Girder	16.15	0.95	1	1	17.429653
Annual Permit 2_str	BOBJ1	22.1267	Before	Left Exterior Girder	22.1267	0.95	1	1	17.223246
Annual Permit 2_str	BOBJ1	22.1267	Before	Interior Girder 1	22.1267	0.95	1	1	10.735177
Annual Permit 2_str	BOBJ1	22.1267	Before	Interior Girder 2	22.1267	0.95	1	1	9.293181
Annual Permit 2_str	BOBJ1	22.1267	Before	Interior Girder 3	22.1267	0.95	1	1	7.876234
Annual Permit 2_str	BOBJ1	22.1267	Before	Interior Girder 4	22.1267	0.95	1	1	7.876234
Annual Permit 2_str	BOBJ1	22.1267	Before	Interior Girder 5	22.1267	0.95	1	1	9.293181
Annual Permit 2_str	BOBJ1	22.1267	Before	Interior Girder 6	22.1267	0.95	1	1	10.735177
Annual Permit 2_str	BOBJ1	22.1267	Before	Right Exterior Girder	22.1267	0.95	1	1	17.223246
Annual Permit 2_str	BOBJ1	22.1267	After	Left Exterior Girder	22.1267	0.95	1	1	12.861463
Annual Permit 2_str	BOBJ1	22.1267	After	Interior Girder 1	22.1267	0.95	1	1	8.641548
Annual Permit 2_str	BOBJ1	22.1267	After	Interior Girder 2	22.1267	0.95	1	1	8.018104
Annual Permit 2_str	BOBJ1	22.1267	After	Interior Girder 3	22.1267	0.95	1	1	7.01265
Annual Permit 2_str	BOBJ1	22.1267	After	Interior Girder 4	22.1267	0.95	1	1	7.01265
Annual Permit 2_str	BOBJ1	22.1267	After	Interior Girder 5	22.1267	0.95	1	1	8.018104
Annual Permit 2_str	BOBJ1	22.1267	After	Interior Girder 6	22.1267	0.95	1	1	8.641548
Annual Permit 2_str	BOBJ1	22.1267	After	Right Exterior Girder	22.1267	0.95	1	1	12.861463
Annual Permit 2_str	BOBJ1	28.1033	Before	Left Exterior Girder	28.1033	0.95	1	1	12.703538
Annual Permit 2_str	BOBJ1	28.1033	Before	Interior Girder 1	28.1033	0.95	1	1	8.494908
Annual Permit 2_str	BOBJ1	28.1033	Before	Interior Girder 2	28.1033	0.95	1	1	7.882627
Annual Permit 2_str	BOBJ1	28.1033	Before	Interior Girder 3	28.1033	0.95	1	1	6.894094
Annual Permit 2_str	BOBJ1	28.1033	Before	Interior Girder 4	28.1033	0.95	1	1	6.894094
Annual Permit 2_str	BOBJ1	28.1033	Before	Interior Girder 5	28.1033	0.95	1	1	7.882627
Annual Permit 2_str	BOBJ1	28.1033	Before	Interior Girder 6	28.1033	0.95	1	1	8.494908
Annual Permit 2_str	BOBJ1	28.1033	Before	Right Exterior Girder	28.1033	0.95	1	1	12.703538
Annual Permit 2_str	BOBJ1	28.1033	After	Left Exterior Girder	28.1033	0.95	1	1	9.515044
Annual Permit 2_str	BOBJ1	28.1033	After	Interior Girder 1	28.1033	0.95	1	1	5.852309
Annual Permit 2_str	BOBJ1	28.1033	After	Interior Girder 2	28.1033	0.95	1	1	5.374028
Annual Permit 2_str	BOBJ1	28.1033	After	Interior Girder 3	28.1033	0.95	1	1	4.630176
Annual Permit 2_str	BOBJ1	28.1033	After	Interior Girder 4	28.1033	0.95	1	1	4.630176
Annual Permit 2_str	BOBJ1	28.1033	After	Interior Girder 5	28.1033	0.95	1	1	5.374028
Annual Permit 2_str	BOBJ1	28.1033	After	Interior Girder 6	28.1033	0.95	1	1	5.852309
Annual Permit 2_str	BOBJ1	28.1033	After	Right Exterior Girder	28.1033	0.95	1	1	9.515044
Annual Permit 2_str	BOBJ1	34.08	Before	Left Exterior Girder	34.08	0.95	1	1	9.393669
Annual Permit 2_str	BOBJ1	34.08	Before	Interior Girder 1	34.08	0.95	1	1	5.750809
Annual Permit 2_str	BOBJ1	34.08	Before	Interior Girder 2	34.08	0.95	1	1	5.281083
Annual Permit 2_str	BOBJ1	34.08	Before	Interior Girder 3	34.08	0.95	1	1	4.549979
Annual Permit 2_str	BOBJ1	34.08	Before	Interior Girder 4	34.08	0.95	1	1	4.549979
Annual Permit 2_str	BOBJ1	34.08	Before	Interior Girder 5	34.08	0.95	1	1	5.281083
Annual Permit 2_str	BOBJ1	34.08	Before	Interior Girder 6	34.08	0.95	1	1	5.750809
Annual Permit 2_str	BOBJ1	34.08	Before	Right Exterior Girder	34.08	0.95	1	1	9.393669
Annual Permit 2_str	BOBJ1	34.08	After	Left Exterior Girder	34.08	0.95	1	1	5.947914
Annual Permit 2_str	BOBJ1	34.08	After	Interior Girder 1	34.08	0.95	1	1	5.326929
Annual Permit 2_str	BOBJ1	34.08	After	Interior Girder 2	34.08	0.95	1	1	5.222091
Annual Permit 2_str	BOBJ1	34.08	After	Interior Girder 3	34.08	0.95	1	1	4.194103

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Approach, Span 16-19									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Annual Permit 2_str	BOBJ1	34.08	After	Interior Girder 4	34.08	0.95	1	1	4.194103
Annual Permit 2_str	BOBJ1	34.08	After	Interior Girder 5	34.08	0.95	1	1	5.222091
Annual Permit 2_str	BOBJ1	34.08	After	Interior Girder 6	34.08	0.95	1	1	5.326929
Annual Permit 2_str	BOBJ1	34.08	After	Right Exterior Girder	34.08	0.95	1	1	5.947914
Annual Permit 2_str	BOBJ1	39.855	Before	Left Exterior Girder	39.855	0.95	1	1	5.871322
Annual Permit 2_str	BOBJ1	39.855	Before	Interior Girder 1	39.855	0.95	1	1	5.235607
Annual Permit 2_str	BOBJ1	39.855	Before	Interior Girder 2	39.855	0.95	1	1	5.133605
Annual Permit 2_str	BOBJ1	39.855	Before	Interior Girder 3	39.855	0.95	1	1	4.121339
Annual Permit 2_str	BOBJ1	39.855	Before	Interior Girder 4	39.855	0.95	1	1	4.121339
Annual Permit 2_str	BOBJ1	39.855	Before	Interior Girder 5	39.855	0.95	1	1	5.133605
Annual Permit 2_str	BOBJ1	39.855	Before	Interior Girder 6	39.855	0.95	1	1	5.235607
Annual Permit 2_str	BOBJ1	39.855	Before	Right Exterior Girder	39.855	0.95	1	1	5.871322
Annual Permit 2_str	BOBJ1	39.855	After	Left Exterior Girder	39.855	0.95	1	1	3.405807
Annual Permit 2_str	BOBJ1	39.855	After	Interior Girder 1	39.855	0.95	1	1	5.135691
Annual Permit 2_str	BOBJ1	39.855	After	Interior Girder 2	39.855	0.95	1	1	3.774538
Annual Permit 2_str	BOBJ1	39.855	After	Interior Girder 3	39.855	0.95	1	1	2.955266
Annual Permit 2_str	BOBJ1	39.855	After	Interior Girder 4	39.855	0.95	1	1	2.955266
Annual Permit 2_str	BOBJ1	39.855	After	Interior Girder 5	39.855	0.95	1	1	3.774538
Annual Permit 2_str	BOBJ1	39.855	After	Interior Girder 6	39.855	0.95	1	1	5.135691
Annual Permit 2_str	BOBJ1	39.855	After	Right Exterior Girder	39.855	0.95	1	1	3.405807
Annual Permit 2_str	BOBJ1	40.0288	Before	Left Exterior Girder	40.0288	0.95	1	1	3.404344
Annual Permit 2_str	BOBJ1	40.0288	Before	Right Exterior Girder	40.0288	0.95	1	1	3.404344
Annual Permit 2_str	BOBJ1	40.0288	After	Left Exterior Girder	40.0288	0.95	1	1	4.863012
Annual Permit 2_str	BOBJ1	40.0288	After	Right Exterior Girder	40.0288	0.95	1	1	4.863012
Annual Permit 2_str	BOBJ1	45.63	Before	Left Exterior Girder	45.63	0.95	1	1	4.796044
Annual Permit 2_str	BOBJ1	45.63	Before	Interior Girder 1	45.63	0.95	1	1	3.860251
Annual Permit 2_str	BOBJ1	45.63	Before	Interior Girder 2	45.63	0.95	1	1	3.709202
Annual Permit 2_str	BOBJ1	45.63	Before	Interior Girder 3	45.63	0.95	1	1	2.90261
Annual Permit 2_str	BOBJ1	45.63	Before	Interior Girder 4	45.63	0.95	1	1	2.90261
Annual Permit 2_str	BOBJ1	45.63	Before	Interior Girder 5	45.63	0.95	1	1	3.709202
Annual Permit 2_str	BOBJ1	45.63	Before	Interior Girder 6	45.63	0.95	1	1	3.860251
Annual Permit 2_str	BOBJ1	45.63	Before	Right Exterior Girder	45.63	0.95	1	1	4.796044
Annual Permit 2_str	BOBJ1	45.63	After	Left Exterior Girder	0	0.95	1	1	3.642913
Annual Permit 2_str	BOBJ1	45.63	After	Interior Girder 1	0	0.95	1	1	3.327866
Annual Permit 2_str	BOBJ1	45.63	After	Interior Girder 2	0	0.95	1	1	3.324265
Annual Permit 2_str	BOBJ1	45.63	After	Interior Girder 3	0	0.95	1	1	2.715621
Annual Permit 2_str	BOBJ1	45.63	After	Interior Girder 4	0	0.95	1	1	2.715621
Annual Permit 2_str	BOBJ1	45.63	After	Interior Girder 5	0	0.95	1	1	3.324265
Annual Permit 2_str	BOBJ1	45.63	After	Interior Girder 6	0	0.95	1	1	3.327866
Annual Permit 2_str	BOBJ1	45.63	After	Right Exterior Girder	0	0.95	1	1	3.642913
Annual Permit 2_str	BOBJ1	50.6298	Before	Left Exterior Girder	4.9998	0.95	1	1	3.689293
Annual Permit 2_str	BOBJ1	50.6298	Before	Right Exterior Girder	4.9998	0.95	1	1	3.689293
Annual Permit 2_str	BOBJ1	50.6298	After	Left Exterior Girder	4.9998	0.95	1	1	2.750267
Annual Permit 2_str	BOBJ1	50.6298	After	Right Exterior Girder	4.9998	0.95	1	1	2.750267
Annual Permit 2_str	BOBJ1	51.4	Before	Left Exterior Girder	5.77	0.95	1	1	2.755582
Annual Permit 2_str	BOBJ1	51.4	Before	Interior Girder 1	5.77	0.95	1	1	4.403273
Annual Permit 2_str	BOBJ1	51.4	Before	Interior Girder 2	5.77	0.95	1	1	3.383769
Annual Permit 2_str	BOBJ1	51.4	Before	Interior Girder 3	5.77	0.95	1	1	2.76568
Annual Permit 2_str	BOBJ1	51.4	Before	Interior Girder 4	5.77	0.95	1	1	2.76568
Annual Permit 2_str	BOBJ1	51.4	Before	Interior Girder 5	5.77	0.95	1	1	3.383769
Annual Permit 2_str	BOBJ1	51.4	Before	Interior Girder 6	5.77	0.95	1	1	4.403273
Annual Permit 2_str	BOBJ1	51.4	Before	Right Exterior Girder	5.77	0.95	1	1	2.755582
Annual Permit 2_str	BOBJ1	51.4	After	Left Exterior Girder	5.77	0.95	1	1	4.23048
Annual Permit 2_str	BOBJ1	51.4	After	Interior Girder 1	5.77	0.95	1	1	4.322398
Annual Permit 2_str	BOBJ1	51.4	After	Interior Girder 2	5.77	0.95	1	1	4.451703
Annual Permit 2_str	BOBJ1	51.4	After	Interior Girder 3	5.77	0.95	1	1	3.81326
Annual Permit 2_str	BOBJ1	51.4	After	Interior Girder 4	5.77	0.95	1	1	3.81326
Annual Permit 2_str	BOBJ1	51.4	After	Interior Girder 5	5.77	0.95	1	1	4.451703
Annual Permit 2_str	BOBJ1	51.4	After	Interior Girder 6	5.77	0.95	1	1	4.322398
Annual Permit 2_str	BOBJ1	51.4	After	Right Exterior Girder	5.77	0.95	1	1	4.23048
Annual Permit 2_str	BOBJ1	57.17	Before	Left Exterior Girder	11.54	0.95	1	1	4.286718
Annual Permit 2_str	BOBJ1	57.17	Before	Interior Girder 1	11.54	0.95	1	1	4.398993
Annual Permit 2_str	BOBJ1	57.17	Before	Interior Girder 2	11.54	0.95	1	1	4.529644
Annual Permit 2_str	BOBJ1	57.17	Before	Interior Girder 3	11.54	0.95	1	1	3.881638
Annual Permit 2_str	BOBJ1	57.17	Before	Interior Girder 4	11.54	0.95	1	1	3.881638

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Approach, Span 16-19									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Annual Permit 2_str	BOBJ1	57.17	Before	Interior Girder 5	11.54	0.95	1	1	4.529644
Annual Permit 2_str	BOBJ1	57.17	Before	Interior Girder 6	11.54	0.95	1	1	4.398993
Annual Permit 2_str	BOBJ1	57.17	Before	Right Exterior Girder	11.54	0.95	1	1	4.286718
Annual Permit 2_str	BOBJ1	57.17	After	Left Exterior Girder	11.54	0.95	1	1	6.466658
Annual Permit 2_str	BOBJ1	57.17	After	Interior Girder 1	11.54	0.95	1	1	4.683069
Annual Permit 2_str	BOBJ1	57.17	After	Interior Girder 2	11.54	0.95	1	1	4.565263
Annual Permit 2_str	BOBJ1	57.17	After	Interior Girder 3	11.54	0.95	1	1	4.050659
Annual Permit 2_str	BOBJ1	57.17	After	Interior Girder 4	11.54	0.95	1	1	4.050659
Annual Permit 2_str	BOBJ1	57.17	After	Interior Girder 5	11.54	0.95	1	1	4.565263
Annual Permit 2_str	BOBJ1	57.17	After	Interior Girder 6	11.54	0.95	1	1	4.683069
Annual Permit 2_str	BOBJ1	57.17	After	Right Exterior Girder	11.54	0.95	1	1	6.466658
Annual Permit 2_str	BOBJ1	63.34	Before	Left Exterior Girder	17.71	0.95	1	1	6.5545
Annual Permit 2_str	BOBJ1	63.34	Before	Interior Girder 1	17.71	0.95	1	1	4.769935
Annual Permit 2_str	BOBJ1	63.34	Before	Interior Girder 2	17.71	0.95	1	1	4.649528
Annual Permit 2_str	BOBJ1	63.34	Before	Interior Girder 3	17.71	0.95	1	1	4.12546
Annual Permit 2_str	BOBJ1	63.34	Before	Interior Girder 4	17.71	0.95	1	1	4.12546
Annual Permit 2_str	BOBJ1	63.34	Before	Interior Girder 5	17.71	0.95	1	1	4.649528
Annual Permit 2_str	BOBJ1	63.34	Before	Interior Girder 6	17.71	0.95	1	1	4.769935
Annual Permit 2_str	BOBJ1	63.34	Before	Right Exterior Girder	17.71	0.95	1	1	6.5545
Annual Permit 2_str	BOBJ1	63.34	After	Left Exterior Girder	17.71	0.95	1	1	7.891036
Annual Permit 2_str	BOBJ1	63.34	After	Interior Girder 1	17.71	0.95	1	1	6.555386
Annual Permit 2_str	BOBJ1	63.34	After	Interior Girder 2	17.71	0.95	1	1	6.547875
Annual Permit 2_str	BOBJ1	63.34	After	Interior Girder 3	17.71	0.95	1	1	5.936477
Annual Permit 2_str	BOBJ1	63.34	After	Interior Girder 4	17.71	0.95	1	1	5.936477
Annual Permit 2_str	BOBJ1	63.34	After	Interior Girder 5	17.71	0.95	1	1	6.547875
Annual Permit 2_str	BOBJ1	63.34	After	Interior Girder 6	17.71	0.95	1	1	6.555386
Annual Permit 2_str	BOBJ1	63.34	After	Right Exterior Girder	17.71	0.95	1	1	7.891036
Annual Permit 2_str	BOBJ1	69.51	Before	Left Exterior Girder	23.88	0.95	1	1	7.993972
Annual Permit 2_str	BOBJ1	69.51	Before	Interior Girder 1	23.88	0.95	1	1	6.674187
Annual Permit 2_str	BOBJ1	69.51	Before	Interior Girder 2	23.88	0.95	1	1	6.665755
Annual Permit 2_str	BOBJ1	69.51	Before	Interior Girder 3	23.88	0.95	1	1	6.043306
Annual Permit 2_str	BOBJ1	69.51	Before	Interior Girder 4	23.88	0.95	1	1	6.043306
Annual Permit 2_str	BOBJ1	69.51	Before	Interior Girder 5	23.88	0.95	1	1	6.665755
Annual Permit 2_str	BOBJ1	69.51	Before	Interior Girder 6	23.88	0.95	1	1	6.674187
Annual Permit 2_str	BOBJ1	69.51	Before	Right Exterior Girder	23.88	0.95	1	1	7.993972
Annual Permit 2_str	BOBJ1	69.51	After	Left Exterior Girder	23.88	0.95	1	1	9.751902
Annual Permit 2_str	BOBJ1	69.51	After	Interior Girder 1	23.88	0.95	1	1	9.207267
Annual Permit 2_str	BOBJ1	69.51	After	Interior Girder 2	23.88	0.95	1	1	9.319855
Annual Permit 2_str	BOBJ1	69.51	After	Interior Girder 3	23.88	0.95	1	1	8.320072
Annual Permit 2_str	BOBJ1	69.51	After	Interior Girder 4	23.88	0.95	1	1	8.320072
Annual Permit 2_str	BOBJ1	69.51	After	Interior Girder 5	23.88	0.95	1	1	9.319855
Annual Permit 2_str	BOBJ1	69.51	After	Interior Girder 6	23.88	0.95	1	1	9.207267
Annual Permit 2_str	BOBJ1	69.51	After	Right Exterior Girder	23.88	0.95	1	1	9.751902
Annual Permit 2_str	BOBJ1	75.68	Before	Left Exterior Girder	30.05	0.95	1	1	9.874342
Annual Permit 2_str	BOBJ1	75.68	Before	Interior Girder 1	30.05	0.95	1	1	9.370261
Annual Permit 2_str	BOBJ1	75.68	Before	Interior Girder 2	30.05	0.95	1	1	9.483521
Annual Permit 2_str	BOBJ1	75.68	Before	Interior Girder 3	30.05	0.95	1	1	8.183738
Annual Permit 2_str	BOBJ1	75.68	Before	Interior Girder 4	30.05	0.95	1	1	8.183738
Annual Permit 2_str	BOBJ1	75.68	Before	Interior Girder 5	30.05	0.95	1	1	9.483521
Annual Permit 2_str	BOBJ1	75.68	Before	Interior Girder 6	30.05	0.95	1	1	9.370261
Annual Permit 2_str	BOBJ1	75.68	Before	Right Exterior Girder	30.05	0.95	1	1	9.874342
Annual Permit 2_str	BOBJ1	75.68	After	Left Exterior Girder	30.05	0.95	1	1	17.073149
Annual Permit 2_str	BOBJ1	75.68	After	Interior Girder 1	30.05	0.95	1	1	8.994228
Annual Permit 2_str	BOBJ1	75.68	After	Interior Girder 2	30.05	0.95	1	1	7.793012
Annual Permit 2_str	BOBJ1	75.68	After	Interior Girder 3	30.05	0.95	1	1	6.634799
Annual Permit 2_str	BOBJ1	75.68	After	Interior Girder 4	30.05	0.95	1	1	6.634799
Annual Permit 2_str	BOBJ1	75.68	After	Interior Girder 5	30.05	0.95	1	1	7.793012
Annual Permit 2_str	BOBJ1	75.68	After	Interior Girder 6	30.05	0.95	1	1	8.994228
Annual Permit 2_str	BOBJ1	75.68	After	Right Exterior Girder	30.05	0.95	1	1	17.073149
Annual Permit 2_str	BOBJ1	81.8467	Before	Left Exterior Girder	36.2167	0.95	1	1	16.869783
Annual Permit 2_str	BOBJ1	81.8467	Before	Interior Girder 1	36.2167	0.95	1	1	9.147527
Annual Permit 2_str	BOBJ1	81.8467	Before	Interior Girder 2	36.2167	0.95	1	1	7.92641
Annual Permit 2_str	BOBJ1	81.8467	Before	Interior Girder 3	36.2167	0.95	1	1	6.748402
Annual Permit 2_str	BOBJ1	81.8467	Before	Interior Girder 4	36.2167	0.95	1	1	6.748402
Annual Permit 2_str	BOBJ1	81.8467	Before	Interior Girder 5	36.2167	0.95	1	1	7.92641

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Approach, Span 16-19									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Annual Permit 2_str	BOBJ1	81.8467	Before	Interior Girder 6	36.2167	0.95	1	1	9.147527
Annual Permit 2_str	BOBJ1	81.8467	Before	Right Exterior Girder	36.2167	0.95	1	1	16.869783
Annual Permit 2_str	BOBJ1	81.8467	After	Left Exterior Girder	36.2167	0.95	1	1	12.938517
Annual Permit 2_str	BOBJ1	81.8467	After	Interior Girder 1	36.2167	0.95	1	1	8.933698
Annual Permit 2_str	BOBJ1	81.8467	After	Interior Girder 2	36.2167	0.95	1	1	8.493025
Annual Permit 2_str	BOBJ1	81.8467	After	Interior Girder 3	36.2167	0.95	1	1	7.564445
Annual Permit 2_str	BOBJ1	81.8467	After	Interior Girder 4	36.2167	0.95	1	1	7.564445
Annual Permit 2_str	BOBJ1	81.8467	After	Interior Girder 5	36.2167	0.95	1	1	8.493025
Annual Permit 2_str	BOBJ1	81.8467	After	Interior Girder 6	36.2167	0.95	1	1	8.933698
Annual Permit 2_str	BOBJ1	81.8467	After	Right Exterior Girder	36.2167	0.95	1	1	12.938517
Annual Permit 2_str	BOBJ1	88.0133	Before	Left Exterior Girder	42.3833	0.95	1	1	12.778736
Annual Permit 2_str	BOBJ1	88.0133	Before	Interior Girder 1	42.3833	0.95	1	1	8.779828
Annual Permit 2_str	BOBJ1	88.0133	Before	Interior Girder 2	42.3833	0.95	1	1	8.34715
Annual Permit 2_str	BOBJ1	88.0133	Before	Interior Girder 3	42.3833	0.95	1	1	7.434619
Annual Permit 2_str	BOBJ1	88.0133	Before	Interior Girder 4	42.3833	0.95	1	1	7.434619
Annual Permit 2_str	BOBJ1	88.0133	Before	Interior Girder 5	42.3833	0.95	1	1	8.34715
Annual Permit 2_str	BOBJ1	88.0133	Before	Interior Girder 6	42.3833	0.95	1	1	8.779828
Annual Permit 2_str	BOBJ1	88.0133	Before	Right Exterior Girder	42.3833	0.95	1	1	12.778736
Annual Permit 2_str	BOBJ1	88.0133	After	Left Exterior Girder	42.3833	0.95	1	1	10.047321
Annual Permit 2_str	BOBJ1	88.0133	After	Interior Girder 1	42.3833	0.95	1	1	6.166157
Annual Permit 2_str	BOBJ1	88.0133	After	Interior Girder 2	42.3833	0.95	1	1	5.769821
Annual Permit 2_str	BOBJ1	88.0133	After	Interior Girder 3	42.3833	0.95	1	1	5.048813
Annual Permit 2_str	BOBJ1	88.0133	After	Interior Girder 4	42.3833	0.95	1	1	5.048813
Annual Permit 2_str	BOBJ1	88.0133	After	Interior Girder 5	42.3833	0.95	1	1	5.769821
Annual Permit 2_str	BOBJ1	88.0133	After	Interior Girder 6	42.3833	0.95	1	1	6.166157
Annual Permit 2_str	BOBJ1	88.0133	After	Right Exterior Girder	42.3833	0.95	1	1	10.047321
Annual Permit 2_str	BOBJ1	94.18	Before	Left Exterior Girder	48.55	0.95	1	1	9.918464
Annual Permit 2_str	BOBJ1	94.18	Before	Interior Girder 1	48.55	0.95	1	1	6.057531
Annual Permit 2_str	BOBJ1	94.18	Before	Interior Girder 2	48.55	0.95	1	1	5.668292
Annual Permit 2_str	BOBJ1	94.18	Before	Interior Girder 3	48.55	0.95	1	1	4.960038
Annual Permit 2_str	BOBJ1	94.18	Before	Interior Girder 4	48.55	0.95	1	1	4.960038
Annual Permit 2_str	BOBJ1	94.18	Before	Interior Girder 5	48.55	0.95	1	1	5.668292
Annual Permit 2_str	BOBJ1	94.18	Before	Interior Girder 6	48.55	0.95	1	1	6.057531
Annual Permit 2_str	BOBJ1	94.18	Before	Right Exterior Girder	48.55	0.95	1	1	9.918464
Annual Permit 2_str	BOBJ1	94.18	After	Left Exterior Girder	48.55	0.95	1	1	5.61776
Annual Permit 2_str	BOBJ1	94.18	After	Interior Girder 1	48.55	0.95	1	1	5.927641
Annual Permit 2_str	BOBJ1	94.18	After	Interior Girder 2	48.55	0.95	1	1	6.169046
Annual Permit 2_str	BOBJ1	94.18	After	Interior Girder 3	48.55	0.95	1	1	5.550848
Annual Permit 2_str	BOBJ1	94.18	After	Interior Girder 4	48.55	0.95	1	1	5.550848
Annual Permit 2_str	BOBJ1	94.18	After	Interior Girder 5	48.55	0.95	1	1	6.169046
Annual Permit 2_str	BOBJ1	94.18	After	Interior Girder 6	48.55	0.95	1	1	5.927641
Annual Permit 2_str	BOBJ1	94.18	After	Right Exterior Girder	48.55	0.95	1	1	5.61776
Annual Permit 2_str	BOBJ1	100.3567	Before	Left Exterior Girder	54.7267	0.95	1	1	5.542898
Annual Permit 2_str	BOBJ1	100.3567	Before	Interior Girder 1	54.7267	0.95	1	1	5.819916
Annual Permit 2_str	BOBJ1	100.3567	Before	Interior Girder 2	54.7267	0.95	1	1	6.058102
Annual Permit 2_str	BOBJ1	100.3567	Before	Interior Girder 3	54.7267	0.95	1	1	5.449946
Annual Permit 2_str	BOBJ1	100.3567	Before	Interior Girder 4	54.7267	0.95	1	1	5.449946
Annual Permit 2_str	BOBJ1	100.3567	Before	Interior Girder 5	54.7267	0.95	1	1	6.058102
Annual Permit 2_str	BOBJ1	100.3567	Before	Interior Girder 6	54.7267	0.95	1	1	5.819916
Annual Permit 2_str	BOBJ1	100.3567	Before	Right Exterior Girder	54.7267	0.95	1	1	5.542898
Annual Permit 2_str	BOBJ1	100.3567	After	Left Exterior Girder	54.7267	0.95	1	1	4.729601
Annual Permit 2_str	BOBJ1	100.3567	After	Interior Girder 1	54.7267	0.95	1	1	4.378105
Annual Permit 2_str	BOBJ1	100.3567	After	Interior Girder 2	54.7267	0.95	1	1	4.445523
Annual Permit 2_str	BOBJ1	100.3567	After	Interior Girder 3	54.7267	0.95	1	1	3.879972
Annual Permit 2_str	BOBJ1	100.3567	After	Interior Girder 4	54.7267	0.95	1	1	3.879972
Annual Permit 2_str	BOBJ1	100.3567	After	Interior Girder 5	54.7267	0.95	1	1	4.445523
Annual Permit 2_str	BOBJ1	100.3567	After	Interior Girder 6	54.7267	0.95	1	1	4.378105
Annual Permit 2_str	BOBJ1	100.3567	After	Right Exterior Girder	54.7267	0.95	1	1	4.729601
Annual Permit 2_str	BOBJ1	106.5333	Before	Left Exterior Girder	60.9033	0.95	1	1	4.663899
Annual Permit 2_str	BOBJ1	106.5333	Before	Interior Girder 1	60.9033	0.95	1	1	4.296682
Annual Permit 2_str	BOBJ1	106.5333	Before	Interior Girder 2	60.9033	0.95	1	1	4.363599
Annual Permit 2_str	BOBJ1	106.5333	Before	Interior Girder 3	60.9033	0.95	1	1	3.807537
Annual Permit 2_str	BOBJ1	106.5333	Before	Interior Girder 4	60.9033	0.95	1	1	3.807537
Annual Permit 2_str	BOBJ1	106.5333	Before	Interior Girder 5	60.9033	0.95	1	1	4.363599
Annual Permit 2_str	BOBJ1	106.5333	Before	Interior Girder 6	60.9033	0.95	1	1	4.296682

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Approach, Span 16-19									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Annual Permit 2_str	BOBJ1	106.5333	Before	Right Exterior Girder	60.9033	0.95	1	1	4.663899
Annual Permit 2_str	BOBJ1	106.5333	After	Left Exterior Girder	60.9033	0.95	1	1	3.582085
Annual Permit 2_str	BOBJ1	106.5333	After	Interior Girder 1	60.9033	0.95	1	1	3.604737
Annual Permit 2_str	BOBJ1	106.5333	After	Interior Girder 2	60.9033	0.95	1	1	3.210279
Annual Permit 2_str	BOBJ1	106.5333	After	Interior Girder 3	60.9033	0.95	1	1	2.684804
Annual Permit 2_str	BOBJ1	106.5333	After	Interior Girder 4	60.9033	0.95	1	1	2.684804
Annual Permit 2_str	BOBJ1	106.5333	After	Interior Girder 5	60.9033	0.95	1	1	3.210279
Annual Permit 2_str	BOBJ1	106.5333	After	Interior Girder 6	60.9033	0.95	1	1	3.604737
Annual Permit 2_str	BOBJ1	106.5333	After	Right Exterior Girder	60.9033	0.95	1	1	3.582085
Annual Permit 2_str	BOBJ1	108.2102	Before	Left Exterior Girder	62.5802	0.95	1	1	3.567741
Annual Permit 2_str	BOBJ1	108.2102	Before	Right Exterior Girder	62.5802	0.95	1	1	3.567741
Annual Permit 2_str	BOBJ1	108.2102	After	Left Exterior Girder	62.5802	0.95	1	1	4.004837
Annual Permit 2_str	BOBJ1	108.2102	After	Right Exterior Girder	62.5802	0.95	1	1	4.004837
Annual Permit 2_str	BOBJ1	112.71	Before	Left Exterior Girder	67.08	0.95	1	1	3.959689
Annual Permit 2_str	BOBJ1	112.71	Before	Interior Girder 1	67.08	0.95	1	1	3.189539
Annual Permit 2_str	BOBJ1	112.71	Before	Interior Girder 2	67.08	0.95	1	1	3.149706
Annual Permit 2_str	BOBJ1	112.71	Before	Interior Girder 3	67.08	0.95	1	1	2.633229
Annual Permit 2_str	BOBJ1	112.71	Before	Interior Girder 4	67.08	0.95	1	1	2.633229
Annual Permit 2_str	BOBJ1	112.71	Before	Interior Girder 5	67.08	0.95	1	1	3.149706
Annual Permit 2_str	BOBJ1	112.71	Before	Interior Girder 6	67.08	0.95	1	1	3.189539
Annual Permit 2_str	BOBJ1	112.71	Before	Right Exterior Girder	67.08	0.95	1	1	3.959689
Annual Permit 2_str	BOBJ1	112.71	After	Left Exterior Girder	0	0.95	1	1	4.916097
Annual Permit 2_str	BOBJ1	112.71	After	Interior Girder 1	0	0.95	1	1	3.652546
Annual Permit 2_str	BOBJ1	112.71	After	Interior Girder 2	0	0.95	1	1	3.494386
Annual Permit 2_str	BOBJ1	112.71	After	Interior Girder 3	0	0.95	1	1	2.860462
Annual Permit 2_str	BOBJ1	112.71	After	Interior Girder 4	0	0.95	1	1	2.860462
Annual Permit 2_str	BOBJ1	112.71	After	Interior Girder 5	0	0.95	1	1	3.494386
Annual Permit 2_str	BOBJ1	112.71	After	Interior Girder 6	0	0.95	1	1	3.652546
Annual Permit 2_str	BOBJ1	112.71	After	Right Exterior Girder	0	0.95	1	1	4.916097
Annual Permit 2_str	BOBJ1	117.21	Before	Left Exterior Girder	4.5	0.95	1	1	4.970536
Annual Permit 2_str	BOBJ1	117.21	Before	Right Exterior Girder	4.5	0.95	1	1	4.970536
Annual Permit 2_str	BOBJ1	117.21	After	Left Exterior Girder	4.5	0.95	1	1	4.677492
Annual Permit 2_str	BOBJ1	117.21	After	Right Exterior Girder	4.5	0.95	1	1	4.677492
Annual Permit 2_str	BOBJ1	119.1	Before	Left Exterior Girder	6.39	0.95	1	1	4.6979
Annual Permit 2_str	BOBJ1	119.1	Before	Interior Girder 1	6.39	0.95	1	1	3.973197
Annual Permit 2_str	BOBJ1	119.1	Before	Interior Girder 2	6.39	0.95	1	1	3.562343
Annual Permit 2_str	BOBJ1	119.1	Before	Interior Girder 3	6.39	0.95	1	1	2.917159
Annual Permit 2_str	BOBJ1	119.1	Before	Interior Girder 4	6.39	0.95	1	1	2.917159
Annual Permit 2_str	BOBJ1	119.1	Before	Interior Girder 5	6.39	0.95	1	1	3.562343
Annual Permit 2_str	BOBJ1	119.1	Before	Interior Girder 6	6.39	0.95	1	1	3.973197
Annual Permit 2_str	BOBJ1	119.1	Before	Right Exterior Girder	6.39	0.95	1	1	4.6979
Annual Permit 2_str	BOBJ1	119.1	After	Left Exterior Girder	6.39	0.95	1	1	6.127943
Annual Permit 2_str	BOBJ1	119.1	After	Interior Girder 1	6.39	0.95	1	1	5.083237
Annual Permit 2_str	BOBJ1	119.1	After	Interior Girder 2	6.39	0.95	1	1	4.93652
Annual Permit 2_str	BOBJ1	119.1	After	Interior Girder 3	6.39	0.95	1	1	4.142017
Annual Permit 2_str	BOBJ1	119.1	After	Interior Girder 4	6.39	0.95	1	1	4.142017
Annual Permit 2_str	BOBJ1	119.1	After	Interior Girder 5	6.39	0.95	1	1	4.93652
Annual Permit 2_str	BOBJ1	119.1	After	Interior Girder 6	6.39	0.95	1	1	5.083237
Annual Permit 2_str	BOBJ1	119.1	After	Right Exterior Girder	6.39	0.95	1	1	6.127943
Annual Permit 2_str	BOBJ1	125.49	Before	Left Exterior Girder	12.78	0.95	1	1	6.214622
Annual Permit 2_str	BOBJ1	125.49	Before	Interior Girder 1	12.78	0.95	1	1	5.180397
Annual Permit 2_str	BOBJ1	125.49	Before	Interior Girder 2	12.78	0.95	1	1	5.030215
Annual Permit 2_str	BOBJ1	125.49	Before	Interior Girder 3	12.78	0.95	1	1	4.221739
Annual Permit 2_str	BOBJ1	125.49	Before	Interior Girder 4	12.78	0.95	1	1	4.221739
Annual Permit 2_str	BOBJ1	125.49	Before	Interior Girder 5	12.78	0.95	1	1	5.030215
Annual Permit 2_str	BOBJ1	125.49	Before	Interior Girder 6	12.78	0.95	1	1	5.180397
Annual Permit 2_str	BOBJ1	125.49	Before	Right Exterior Girder	12.78	0.95	1	1	6.214622
Annual Permit 2_str	BOBJ1	125.49	After	Left Exterior Girder	12.78	0.95	1	1	7.538724
Annual Permit 2_str	BOBJ1	125.49	After	Interior Girder 1	12.78	0.95	1	1	7.204075
Annual Permit 2_str	BOBJ1	125.49	After	Interior Girder 2	12.78	0.95	1	1	7.08691
Annual Permit 2_str	BOBJ1	125.49	After	Interior Girder 3	12.78	0.95	1	1	6.134898
Annual Permit 2_str	BOBJ1	125.49	After	Interior Girder 4	12.78	0.95	1	1	6.134898
Annual Permit 2_str	BOBJ1	125.49	After	Interior Girder 5	12.78	0.95	1	1	7.08691
Annual Permit 2_str	BOBJ1	125.49	After	Interior Girder 6	12.78	0.95	1	1	7.204075
Annual Permit 2_str	BOBJ1	125.49	After	Right Exterior Girder	12.78	0.95	1	1	7.538724

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Approach, Span 16-19									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Annual Permit 2_str	BOBJ1	131.88	Before	Left Exterior Girder	19.17	0.95	1	1	7.640928
Annual Permit 2_str	BOBJ1	131.88	Before	Interior Girder 1	19.17	0.95	1	1	7.338538
Annual Permit 2_str	BOBJ1	131.88	Before	Interior Girder 2	19.17	0.95	1	1	7.218088
Annual Permit 2_str	BOBJ1	131.88	Before	Interior Girder 3	19.17	0.95	1	1	6.249791
Annual Permit 2_str	BOBJ1	131.88	Before	Interior Girder 4	19.17	0.95	1	1	6.249791
Annual Permit 2_str	BOBJ1	131.88	Before	Interior Girder 5	19.17	0.95	1	1	7.218088
Annual Permit 2_str	BOBJ1	131.88	Before	Interior Girder 6	19.17	0.95	1	1	7.338538
Annual Permit 2_str	BOBJ1	131.88	Before	Right Exterior Girder	19.17	0.95	1	1	7.640928
Annual Permit 2_str	BOBJ1	131.88	After	Left Exterior Girder	19.17	0.95	1	1	14.390489
Annual Permit 2_str	BOBJ1	131.88	After	Interior Girder 1	19.17	0.95	1	1	7.354308
Annual Permit 2_str	BOBJ1	131.88	After	Interior Girder 2	19.17	0.95	1	1	6.654792
Annual Permit 2_str	BOBJ1	131.88	After	Interior Girder 3	19.17	0.95	1	1	5.720054
Annual Permit 2_str	BOBJ1	131.88	After	Interior Girder 4	19.17	0.95	1	1	5.720054
Annual Permit 2_str	BOBJ1	131.88	After	Interior Girder 5	19.17	0.95	1	1	6.654792
Annual Permit 2_str	BOBJ1	131.88	After	Interior Girder 6	19.17	0.95	1	1	7.354308
Annual Permit 2_str	BOBJ1	131.88	After	Right Exterior Girder	19.17	0.95	1	1	14.390489
Annual Permit 2_str	BOBJ1	138.27	Before	Left Exterior Girder	25.56	0.95	1	1	14.57805
Annual Permit 2_str	BOBJ1	138.27	Before	Interior Girder 1	25.56	0.95	1	1	7.487494
Annual Permit 2_str	BOBJ1	138.27	Before	Interior Girder 2	25.56	0.95	1	1	6.77554
Annual Permit 2_str	BOBJ1	138.27	Before	Interior Girder 3	25.56	0.95	1	1	5.823868
Annual Permit 2_str	BOBJ1	138.27	Before	Interior Girder 4	25.56	0.95	1	1	5.823868
Annual Permit 2_str	BOBJ1	138.27	Before	Interior Girder 5	25.56	0.95	1	1	6.77554
Annual Permit 2_str	BOBJ1	138.27	Before	Interior Girder 6	25.56	0.95	1	1	7.487494
Annual Permit 2_str	BOBJ1	138.27	Before	Right Exterior Girder	25.56	0.95	1	1	14.57805
Annual Permit 2_str	BOBJ1	138.27	After	Left Exterior Girder	25.56	0.95	1	1	19.376003
Annual Permit 2_str	BOBJ1	138.27	After	Interior Girder 1	25.56	0.95	1	1	11.556446
Annual Permit 2_str	BOBJ1	138.27	After	Interior Girder 2	25.56	0.95	1	1	10.484015
Annual Permit 2_str	BOBJ1	138.27	After	Interior Girder 3	25.56	0.95	1	1	9.169002
Annual Permit 2_str	BOBJ1	138.27	After	Interior Girder 4	25.56	0.95	1	1	9.169002
Annual Permit 2_str	BOBJ1	138.27	After	Interior Girder 5	25.56	0.95	1	1	10.484015
Annual Permit 2_str	BOBJ1	138.27	After	Interior Girder 6	25.56	0.95	1	1	11.556446
Annual Permit 2_str	BOBJ1	138.27	After	Right Exterior Girder	25.56	0.95	1	1	19.376003
Annual Permit 2_str	BOBJ1	144.66	Before	Left Exterior Girder	31.95	0.95	1	1	19.134639
Annual Permit 2_str	BOBJ1	144.66	Before	Interior Girder 1	31.95	0.95	1	1	11.355135
Annual Permit 2_str	BOBJ1	144.66	Before	Interior Girder 2	31.95	0.95	1	1	10.301447
Annual Permit 2_str	BOBJ1	144.66	Before	Interior Girder 3	31.95	0.95	1	1	9.009345
Annual Permit 2_str	BOBJ1	144.66	Before	Interior Girder 4	31.95	0.95	1	1	9.009345
Annual Permit 2_str	BOBJ1	144.66	Before	Interior Girder 5	31.95	0.95	1	1	10.301447
Annual Permit 2_str	BOBJ1	144.66	Before	Interior Girder 6	31.95	0.95	1	1	11.355135
Annual Permit 2_str	BOBJ1	144.66	Before	Right Exterior Girder	31.95	0.95	1	1	19.134639
Annual Permit 2_str	BOBJ1	144.66	After	Left Exterior Girder	31.95	0.95	1	1	13.548103
Annual Permit 2_str	BOBJ1	144.66	After	Interior Girder 1	31.95	0.95	1	1	7.310828
Annual Permit 2_str	BOBJ1	144.66	After	Interior Girder 2	31.95	0.95	1	1	6.613432
Annual Permit 2_str	BOBJ1	144.66	After	Interior Girder 3	31.95	0.95	1	1	5.690233
Annual Permit 2_str	BOBJ1	144.66	After	Interior Girder 4	31.95	0.95	1	1	5.690233
Annual Permit 2_str	BOBJ1	144.66	After	Interior Girder 5	31.95	0.95	1	1	6.613432
Annual Permit 2_str	BOBJ1	144.66	After	Interior Girder 6	31.95	0.95	1	1	7.310828
Annual Permit 2_str	BOBJ1	144.66	After	Right Exterior Girder	31.95	0.95	1	1	13.548103
Annual Permit 2_str	BOBJ1	151.05	Before	Left Exterior Girder	38.34	0.95	1	1	13.372742
Annual Permit 2_str	BOBJ1	151.05	Before	Interior Girder 1	38.34	0.95	1	1	7.180538
Annual Permit 2_str	BOBJ1	151.05	Before	Interior Girder 2	38.34	0.95	1	1	6.495426
Annual Permit 2_str	BOBJ1	151.05	Before	Interior Girder 3	38.34	0.95	1	1	5.588684
Annual Permit 2_str	BOBJ1	151.05	Before	Interior Girder 4	38.34	0.95	1	1	5.588684
Annual Permit 2_str	BOBJ1	151.05	Before	Interior Girder 5	38.34	0.95	1	1	6.495426
Annual Permit 2_str	BOBJ1	151.05	Before	Interior Girder 6	38.34	0.95	1	1	7.180538
Annual Permit 2_str	BOBJ1	151.05	Before	Right Exterior Girder	38.34	0.95	1	1	13.372742
Annual Permit 2_str	BOBJ1	151.05	After	Left Exterior Girder	38.34	0.95	1	1	7.223573
Annual Permit 2_str	BOBJ1	151.05	After	Interior Girder 1	38.34	0.95	1	1	7.109852
Annual Permit 2_str	BOBJ1	151.05	After	Interior Girder 2	38.34	0.95	1	1	6.975309
Annual Permit 2_str	BOBJ1	151.05	After	Interior Girder 3	38.34	0.95	1	1	5.979273
Annual Permit 2_str	BOBJ1	151.05	After	Interior Girder 4	38.34	0.95	1	1	5.979273
Annual Permit 2_str	BOBJ1	151.05	After	Interior Girder 5	38.34	0.95	1	1	6.975309
Annual Permit 2_str	BOBJ1	151.05	After	Interior Girder 6	38.34	0.95	1	1	7.109852
Annual Permit 2_str	BOBJ1	151.05	After	Right Exterior Girder	38.34	0.95	1	1	7.223573
Annual Permit 2_str	BOBJ1	157.4367	Before	Left Exterior Girder	44.7267	0.95	1	1	7.126296

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Approach, Span 16-19									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Annual Permit 2_str	BOBJ1	157.4367	Before	Interior Girder 1	44.7267	0.95	1	1	6.97954
Annual Permit 2_str	BOBJ1	157.4367	Before	Interior Girder 2	44.7267	0.95	1	1	6.84854
Annual Permit 2_str	BOBJ1	157.4367	Before	Interior Girder 3	44.7267	0.95	1	1	5.869186
Annual Permit 2_str	BOBJ1	157.4367	Before	Interior Girder 4	44.7267	0.95	1	1	5.869186
Annual Permit 2_str	BOBJ1	157.4367	Before	Interior Girder 5	44.7267	0.95	1	1	6.84854
Annual Permit 2_str	BOBJ1	157.4367	Before	Interior Girder 6	44.7267	0.95	1	1	6.97954
Annual Permit 2_str	BOBJ1	157.4367	Before	Right Exterior Girder	44.7267	0.95	1	1	7.126296
Annual Permit 2_str	BOBJ1	157.4367	After	Left Exterior Girder	44.7267	0.95	1	1	5.851085
Annual Permit 2_str	BOBJ1	157.4367	After	Interior Girder 1	44.7267	0.95	1	1	5.094286
Annual Permit 2_str	BOBJ1	157.4367	After	Interior Girder 2	44.7267	0.95	1	1	4.809046
Annual Permit 2_str	BOBJ1	157.4367	After	Interior Girder 3	44.7267	0.95	1	1	3.902913
Annual Permit 2_str	BOBJ1	157.4367	After	Interior Girder 4	44.7267	0.95	1	1	3.902913
Annual Permit 2_str	BOBJ1	157.4367	After	Interior Girder 5	44.7267	0.95	1	1	4.809046
Annual Permit 2_str	BOBJ1	157.4367	After	Interior Girder 6	44.7267	0.95	1	1	5.094286
Annual Permit 2_str	BOBJ1	157.4367	After	Right Exterior Girder	44.7267	0.95	1	1	5.851085
Annual Permit 2_str	BOBJ1	158.71	Before	Left Exterior Girder	46	0.95	1	1	5.834805
Annual Permit 2_str	BOBJ1	158.71	Before	Interior Girder 1	46	0.95	1	1	5.075347
Annual Permit 2_str	BOBJ1	158.71	Before	Interior Girder 2	46	0.95	1	1	4.791263
Annual Permit 2_str	BOBJ1	158.71	Before	Interior Girder 3	46	0.95	1	1	3.888228
Annual Permit 2_str	BOBJ1	158.71	Before	Interior Girder 4	46	0.95	1	1	3.888228
Annual Permit 2_str	BOBJ1	158.71	Before	Interior Girder 5	46	0.95	1	1	4.791263
Annual Permit 2_str	BOBJ1	158.71	Before	Interior Girder 6	46	0.95	1	1	5.075347
Annual Permit 2_str	BOBJ1	158.71	Before	Right Exterior Girder	46	0.95	1	1	5.834805
Annual Permit 2_str	BOBJ1	158.71	After	Left Exterior Girder	46	0.95	1	1	7.212192
Annual Permit 2_str	BOBJ1	158.71	After	Interior Girder 1	46	0.95	1	1	5.51239
Annual Permit 2_str	BOBJ1	158.71	After	Interior Girder 2	46	0.95	1	1	5.299939
Annual Permit 2_str	BOBJ1	158.71	After	Interior Girder 3	46	0.95	1	1	4.386449
Annual Permit 2_str	BOBJ1	158.71	After	Interior Girder 4	46	0.95	1	1	4.386449
Annual Permit 2_str	BOBJ1	158.71	After	Interior Girder 5	46	0.95	1	1	5.299939
Annual Permit 2_str	BOBJ1	158.71	After	Interior Girder 6	46	0.95	1	1	5.51239
Annual Permit 2_str	BOBJ1	158.71	After	Right Exterior Girder	46	0.95	1	1	7.212192
Annual Permit 2_str	BOBJ1	163.8233	Before	Left Exterior Girder	51.1133	0.95	1	1	7.142402
Annual Permit 2_str	BOBJ1	163.8233	Before	Interior Girder 1	51.1133	0.95	1	1	5.438784
Annual Permit 2_str	BOBJ1	163.8233	Before	Interior Girder 2	51.1133	0.95	1	1	5.229591
Annual Permit 2_str	BOBJ1	163.8233	Before	Interior Girder 3	51.1133	0.95	1	1	4.327423
Annual Permit 2_str	BOBJ1	163.8233	Before	Interior Girder 4	51.1133	0.95	1	1	4.327423
Annual Permit 2_str	BOBJ1	163.8233	Before	Interior Girder 5	51.1133	0.95	1	1	5.229591
Annual Permit 2_str	BOBJ1	163.8233	Before	Interior Girder 6	51.1133	0.95	1	1	5.438784
Annual Permit 2_str	BOBJ1	163.8233	Before	Right Exterior Girder	51.1133	0.95	1	1	7.142402
Annual Permit 2_str	BOBJ1	163.8233	After	Left Exterior Girder	51.1133	0.95	1	1	5.238795
Annual Permit 2_str	BOBJ1	163.8233	After	Interior Girder 1	51.1133	0.95	1	1	4.736889
Annual Permit 2_str	BOBJ1	163.8233	After	Interior Girder 2	51.1133	0.95	1	1	4.07725
Annual Permit 2_str	BOBJ1	163.8233	After	Interior Girder 3	51.1133	0.95	1	1	3.340433
Annual Permit 2_str	BOBJ1	163.8233	After	Interior Girder 4	51.1133	0.95	1	1	3.340433
Annual Permit 2_str	BOBJ1	163.8233	After	Interior Girder 5	51.1133	0.95	1	1	4.07725
Annual Permit 2_str	BOBJ1	163.8233	After	Interior Girder 6	51.1133	0.95	1	1	4.736889
Annual Permit 2_str	BOBJ1	163.8233	After	Right Exterior Girder	51.1133	0.95	1	1	5.238795
Annual Permit 2_str	BOBJ1	164.71	Before	Left Exterior Girder	52	0.95	1	1	5.229638
Annual Permit 2_str	BOBJ1	164.71	Before	Right Exterior Girder	52	0.95	1	1	5.229638
Annual Permit 2_str	BOBJ1	164.71	After	Left Exterior Girder	52	0.95	1	1	6.074052
Annual Permit 2_str	BOBJ1	164.71	After	Right Exterior Girder	52	0.95	1	1	6.074052
Annual Permit 2_str	BOBJ1	170.21	Before	Left Exterior Girder	57.5	0.95	1	1	6.002936
Annual Permit 2_str	BOBJ1	170.21	Before	Interior Girder 1	57.5	0.95	1	1	4.206876
Annual Permit 2_str	BOBJ1	170.21	Before	Interior Girder 2	57.5	0.95	1	1	4.008496
Annual Permit 2_str	BOBJ1	170.21	Before	Interior Girder 3	57.5	0.95	1	1	3.283086
Annual Permit 2_str	BOBJ1	170.21	Before	Interior Girder 4	57.5	0.95	1	1	3.283086
Annual Permit 2_str	BOBJ1	170.21	Before	Interior Girder 5	57.5	0.95	1	1	4.008496
Annual Permit 2_str	BOBJ1	170.21	Before	Interior Girder 6	57.5	0.95	1	1	4.206876
Annual Permit 2_str	BOBJ1	170.21	Before	Right Exterior Girder	57.5	0.95	1	1	6.002936
Annual Permit 2_str	BOBJ1	170.21	After	Left Exterior Girder	0	0.95	1	1	5.15316
Annual Permit 2_str	BOBJ1	170.21	After	Interior Girder 1	0	0.95	1	1	3.778298
Annual Permit 2_str	BOBJ1	170.21	After	Interior Girder 2	0	0.95	1	1	3.663237
Annual Permit 2_str	BOBJ1	170.21	After	Interior Girder 3	0	0.95	1	1	3.039408
Annual Permit 2_str	BOBJ1	170.21	After	Interior Girder 4	0	0.95	1	1	3.039408
Annual Permit 2_str	BOBJ1	170.21	After	Interior Girder 5	0	0.95	1	1	3.663237

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Approach, Span 16-19									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Annual Permit 2_str	BOBJ1	170.21	After	Interior Girder 6	0	0.95	1	1	3.778298
Annual Permit 2_str	BOBJ1	170.21	After	Right Exterior Girder	0	0.95	1	1	5.15316
Annual Permit 2_str	BOBJ1	176.21	Before	Left Exterior Girder	6	0.95	1	1	5.221803
Annual Permit 2_str	BOBJ1	176.21	Before	Right Exterior Girder	6	0.95	1	1	5.221803
Annual Permit 2_str	BOBJ1	176.21	After	Left Exterior Girder	6	0.95	1	1	3.529343
Annual Permit 2_str	BOBJ1	176.21	After	Right Exterior Girder	6	0.95	1	1	3.529343
Annual Permit 2_str	BOBJ1	176.6	Before	Left Exterior Girder	6.39	0.95	1	1	3.532277
Annual Permit 2_str	BOBJ1	176.6	Before	Interior Girder 1	6.39	0.95	1	1	5.154946
Annual Permit 2_str	BOBJ1	176.6	Before	Interior Girder 2	6.39	0.95	1	1	3.727667
Annual Permit 2_str	BOBJ1	176.6	Before	Interior Girder 3	6.39	0.95	1	1	3.093818
Annual Permit 2_str	BOBJ1	176.6	Before	Interior Girder 4	6.39	0.95	1	1	3.093818
Annual Permit 2_str	BOBJ1	176.6	Before	Interior Girder 5	6.39	0.95	1	1	3.727667
Annual Permit 2_str	BOBJ1	176.6	Before	Interior Girder 6	6.39	0.95	1	1	5.154946
Annual Permit 2_str	BOBJ1	176.6	Before	Right Exterior Girder	6.39	0.95	1	1	3.532277
Annual Permit 2_str	BOBJ1	176.6	After	Left Exterior Girder	6.39	0.95	1	1	6.112723
Annual Permit 2_str	BOBJ1	176.6	After	Interior Girder 1	6.39	0.95	1	1	5.215464
Annual Permit 2_str	BOBJ1	176.6	After	Interior Girder 2	6.39	0.95	1	1	5.120024
Annual Permit 2_str	BOBJ1	176.6	After	Interior Girder 3	6.39	0.95	1	1	4.331156
Annual Permit 2_str	BOBJ1	176.6	After	Interior Girder 4	6.39	0.95	1	1	4.331156
Annual Permit 2_str	BOBJ1	176.6	After	Interior Girder 5	6.39	0.95	1	1	5.120024
Annual Permit 2_str	BOBJ1	176.6	After	Interior Girder 6	6.39	0.95	1	1	5.215464
Annual Permit 2_str	BOBJ1	176.6	After	Right Exterior Girder	6.39	0.95	1	1	6.112723
Annual Permit 2_str	BOBJ1	182.99	Before	Left Exterior Girder	12.78	0.95	1	1	6.189429
Annual Permit 2_str	BOBJ1	182.99	Before	Interior Girder 1	12.78	0.95	1	1	5.305942
Annual Permit 2_str	BOBJ1	182.99	Before	Interior Girder 2	12.78	0.95	1	1	5.208147
Annual Permit 2_str	BOBJ1	182.99	Before	Interior Girder 3	12.78	0.95	1	1	4.406668
Annual Permit 2_str	BOBJ1	182.99	Before	Interior Girder 4	12.78	0.95	1	1	4.406668
Annual Permit 2_str	BOBJ1	182.99	Before	Interior Girder 5	12.78	0.95	1	1	5.208147
Annual Permit 2_str	BOBJ1	182.99	Before	Interior Girder 6	12.78	0.95	1	1	5.305942
Annual Permit 2_str	BOBJ1	182.99	Before	Right Exterior Girder	12.78	0.95	1	1	6.189429
Annual Permit 2_str	BOBJ1	182.99	After	Left Exterior Girder	12.78	0.95	1	1	7.290309
Annual Permit 2_str	BOBJ1	182.99	After	Interior Girder 1	12.78	0.95	1	1	7.043324
Annual Permit 2_str	BOBJ1	182.99	After	Interior Girder 2	12.78	0.95	1	1	7.084673
Annual Permit 2_str	BOBJ1	182.99	After	Interior Girder 3	12.78	0.95	1	1	6.224145
Annual Permit 2_str	BOBJ1	182.99	After	Interior Girder 4	12.78	0.95	1	1	6.224145
Annual Permit 2_str	BOBJ1	182.99	After	Interior Girder 5	12.78	0.95	1	1	7.084673
Annual Permit 2_str	BOBJ1	182.99	After	Interior Girder 6	12.78	0.95	1	1	7.043324
Annual Permit 2_str	BOBJ1	182.99	After	Right Exterior Girder	12.78	0.95	1	1	7.290309
Annual Permit 2_str	BOBJ1	189.38	Before	Left Exterior Girder	19.17	0.95	1	1	7.378543
Annual Permit 2_str	BOBJ1	189.38	Before	Interior Girder 1	19.17	0.95	1	1	7.162942
Annual Permit 2_str	BOBJ1	189.38	Before	Interior Girder 2	19.17	0.95	1	1	7.203899
Annual Permit 2_str	BOBJ1	189.38	Before	Interior Girder 3	19.17	0.95	1	1	6.330011
Annual Permit 2_str	BOBJ1	189.38	Before	Interior Girder 4	19.17	0.95	1	1	6.330011
Annual Permit 2_str	BOBJ1	189.38	Before	Interior Girder 5	19.17	0.95	1	1	7.203899
Annual Permit 2_str	BOBJ1	189.38	Before	Interior Girder 6	19.17	0.95	1	1	7.162942
Annual Permit 2_str	BOBJ1	189.38	Before	Right Exterior Girder	19.17	0.95	1	1	7.378543
Annual Permit 2_str	BOBJ1	189.38	After	Left Exterior Girder	19.17	0.95	1	1	13.098155
Annual Permit 2_str	BOBJ1	189.38	After	Interior Girder 1	19.17	0.95	1	1	7.280866
Annual Permit 2_str	BOBJ1	189.38	After	Interior Girder 2	19.17	0.95	1	1	6.661594
Annual Permit 2_str	BOBJ1	189.38	After	Interior Girder 3	19.17	0.95	1	1	5.770354
Annual Permit 2_str	BOBJ1	189.38	After	Interior Girder 4	19.17	0.95	1	1	5.770354
Annual Permit 2_str	BOBJ1	189.38	After	Interior Girder 5	19.17	0.95	1	1	6.661594
Annual Permit 2_str	BOBJ1	189.38	After	Interior Girder 6	19.17	0.95	1	1	7.280866
Annual Permit 2_str	BOBJ1	189.38	After	Right Exterior Girder	19.17	0.95	1	1	13.098155
Annual Permit 2_str	BOBJ1	195.77	Before	Left Exterior Girder	25.56	0.95	1	1	13.25157
Annual Permit 2_str	BOBJ1	195.77	Before	Interior Girder 1	25.56	0.95	1	1	7.401306
Annual Permit 2_str	BOBJ1	195.77	Before	Interior Girder 2	25.56	0.95	1	1	6.771656
Annual Permit 2_str	BOBJ1	195.77	Before	Interior Girder 3	25.56	0.95	1	1	5.865645
Annual Permit 2_str	BOBJ1	195.77	Before	Interior Girder 4	25.56	0.95	1	1	5.865645
Annual Permit 2_str	BOBJ1	195.77	Before	Interior Girder 5	25.56	0.95	1	1	6.771656
Annual Permit 2_str	BOBJ1	195.77	Before	Interior Girder 6	25.56	0.95	1	1	7.401306
Annual Permit 2_str	BOBJ1	195.77	Before	Right Exterior Girder	25.56	0.95	1	1	13.25157
Annual Permit 2_str	BOBJ1	195.77	After	Left Exterior Girder	25.56	0.95	1	1	17.636484
Annual Permit 2_str	BOBJ1	195.77	After	Interior Girder 1	25.56	0.95	1	1	10.746089
Annual Permit 2_str	BOBJ1	195.77	After	Interior Girder 2	25.56	0.95	1	1	9.904446

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Approach, Span 16-19									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Annual Permit 2_str	BOBJ1	195.77	After	Interior Girder 3	25.56	0.95	1	1	8.705437
Annual Permit 2_str	BOBJ1	195.77	After	Interior Girder 4	25.56	0.95	1	1	8.705437
Annual Permit 2_str	BOBJ1	195.77	After	Interior Girder 5	25.56	0.95	1	1	9.904446
Annual Permit 2_str	BOBJ1	195.77	After	Interior Girder 6	25.56	0.95	1	1	10.746089
Annual Permit 2_str	BOBJ1	195.77	After	Right Exterior Girder	25.56	0.95	1	1	17.636484
Annual Permit 2_str	BOBJ1	202.16	Before	Left Exterior Girder	31.95	0.95	1	1	17.836316
Annual Permit 2_str	BOBJ1	202.16	Before	Interior Girder 1	31.95	0.95	1	1	10.920181
Annual Permit 2_str	BOBJ1	202.16	Before	Interior Girder 2	31.95	0.95	1	1	10.064442
Annual Permit 2_str	BOBJ1	202.16	Before	Interior Girder 3	31.95	0.95	1	1	8.845987
Annual Permit 2_str	BOBJ1	202.16	Before	Interior Girder 4	31.95	0.95	1	1	8.845987
Annual Permit 2_str	BOBJ1	202.16	Before	Interior Girder 5	31.95	0.95	1	1	10.064442
Annual Permit 2_str	BOBJ1	202.16	Before	Interior Girder 6	31.95	0.95	1	1	10.920181
Annual Permit 2_str	BOBJ1	202.16	Before	Right Exterior Girder	31.95	0.95	1	1	17.836316
Annual Permit 2_str	BOBJ1	202.16	After	Left Exterior Girder	31.95	0.95	1	1	25.337063
Annual Permit 2_str	BOBJ1	202.16	After	Interior Girder 1	31.95	0.95	1	1	10.554763
Annual Permit 2_str	BOBJ1	202.16	After	Interior Girder 2	31.95	0.95	1	1	9.212966
Annual Permit 2_str	BOBJ1	202.16	After	Interior Girder 3	31.95	0.95	1	1	7.853868
Annual Permit 2_str	BOBJ1	202.16	After	Interior Girder 4	31.95	0.95	1	1	7.853868
Annual Permit 2_str	BOBJ1	202.16	After	Interior Girder 5	31.95	0.95	1	1	9.212966
Annual Permit 2_str	BOBJ1	202.16	After	Interior Girder 6	31.95	0.95	1	1	10.554763
Annual Permit 2_str	BOBJ1	202.16	After	Right Exterior Girder	31.95	0.95	1	1	25.337063
Annual Permit 2_str	BOBJ1	208.55	Before	Left Exterior Girder	38.34	0.95	1	1	25.060484
Annual Permit 2_str	BOBJ1	208.55	Before	Interior Girder 1	38.34	0.95	1	1	10.390712
Annual Permit 2_str	BOBJ1	208.55	Before	Interior Girder 2	38.34	0.95	1	1	9.069159
Annual Permit 2_str	BOBJ1	208.55	Before	Interior Girder 3	38.34	0.95	1	1	7.731252
Annual Permit 2_str	BOBJ1	208.55	Before	Interior Girder 4	38.34	0.95	1	1	7.731252
Annual Permit 2_str	BOBJ1	208.55	Before	Interior Girder 5	38.34	0.95	1	1	9.069159
Annual Permit 2_str	BOBJ1	208.55	Before	Interior Girder 6	38.34	0.95	1	1	10.390712
Annual Permit 2_str	BOBJ1	208.55	Before	Right Exterior Girder	38.34	0.95	1	1	25.060484
Annual Permit 2_str	BOBJ1	208.55	After	Left Exterior Girder	38.34	0.95	1	1	11.450548
Annual Permit 2_str	BOBJ1	208.55	After	Interior Girder 1	38.34	0.95	1	1	10.993173
Annual Permit 2_str	BOBJ1	208.55	After	Interior Girder 2	38.34	0.95	1	1	10.955619
Annual Permit 2_str	BOBJ1	208.55	After	Interior Girder 3	38.34	0.95	1	1	10.133737
Annual Permit 2_str	BOBJ1	208.55	After	Interior Girder 4	38.34	0.95	1	1	10.133737
Annual Permit 2_str	BOBJ1	208.55	After	Interior Girder 5	38.34	0.95	1	1	10.955619
Annual Permit 2_str	BOBJ1	208.55	After	Interior Girder 6	38.34	0.95	1	1	10.993173
Annual Permit 2_str	BOBJ1	208.55	After	Right Exterior Girder	38.34	0.95	1	1	11.450548
Annual Permit 2_str	BOBJ1	215.1233	Before	Left Exterior Girder	44.9133	0.95	1	1	11.318753
Annual Permit 2_str	BOBJ1	215.1233	Before	Interior Girder 1	44.9133	0.95	1	1	10.81166
Annual Permit 2_str	BOBJ1	215.1233	Before	Interior Girder 2	44.9133	0.95	1	1	10.775878
Annual Permit 2_str	BOBJ1	215.1233	Before	Interior Girder 3	44.9133	0.95	1	1	9.967213
Annual Permit 2_str	BOBJ1	215.1233	Before	Interior Girder 4	44.9133	0.95	1	1	9.967213
Annual Permit 2_str	BOBJ1	215.1233	Before	Interior Girder 5	44.9133	0.95	1	1	10.775878
Annual Permit 2_str	BOBJ1	215.1233	Before	Interior Girder 6	44.9133	0.95	1	1	10.81166
Annual Permit 2_str	BOBJ1	215.1233	Before	Right Exterior Girder	44.9133	0.95	1	1	11.318753
Annual Permit 2_str	BOBJ1	215.1233	After	Left Exterior Girder	44.9133	0.95	1	1	9.179582
Annual Permit 2_str	BOBJ1	215.1233	After	Interior Girder 1	44.9133	0.95	1	1	7.579308
Annual Permit 2_str	BOBJ1	215.1233	After	Interior Girder 2	44.9133	0.95	1	1	7.489341
Annual Permit 2_str	BOBJ1	215.1233	After	Interior Girder 3	44.9133	0.95	1	1	6.711329
Annual Permit 2_str	BOBJ1	215.1233	After	Interior Girder 4	44.9133	0.95	1	1	6.711329
Annual Permit 2_str	BOBJ1	215.1233	After	Interior Girder 5	44.9133	0.95	1	1	7.489341
Annual Permit 2_str	BOBJ1	215.1233	After	Interior Girder 6	44.9133	0.95	1	1	7.579308
Annual Permit 2_str	BOBJ1	215.1233	After	Right Exterior Girder	44.9133	0.95	1	1	9.179582
Annual Permit 2_str	BOBJ1	221.6967	Before	Left Exterior Girder	51.4867	0.95	1	1	9.070339
Annual Permit 2_str	BOBJ1	221.6967	Before	Interior Girder 1	51.4867	0.95	1	1	7.451417
Annual Permit 2_str	BOBJ1	221.6967	Before	Interior Girder 2	51.4867	0.95	1	1	7.363641
Annual Permit 2_str	BOBJ1	221.6967	Before	Interior Girder 3	51.4867	0.95	1	1	6.598479
Annual Permit 2_str	BOBJ1	221.6967	Before	Interior Girder 4	51.4867	0.95	1	1	6.598479
Annual Permit 2_str	BOBJ1	221.6967	Before	Interior Girder 5	51.4867	0.95	1	1	7.363641
Annual Permit 2_str	BOBJ1	221.6967	Before	Interior Girder 6	51.4867	0.95	1	1	7.451417
Annual Permit 2_str	BOBJ1	221.6967	Before	Right Exterior Girder	51.4867	0.95	1	1	9.070339
Annual Permit 2_str	BOBJ1	221.6967	After	Left Exterior Girder	51.4867	0.95	1	1	7.514954
Annual Permit 2_str	BOBJ1	221.6967	After	Interior Girder 1	51.4867	0.95	1	1	5.172001
Annual Permit 2_str	BOBJ1	221.6967	After	Interior Girder 2	51.4867	0.95	1	1	4.975742
Annual Permit 2_str	BOBJ1	221.6967	After	Interior Girder 3	51.4867	0.95	1	1	4.358926

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Approach, Span 16-19									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Annual Permit 2_str	BOBJ1	221.6967	After	Interior Girder 4	51.4867	0.95	1	1	4.358926
Annual Permit 2_str	BOBJ1	221.6967	After	Interior Girder 5	51.4867	0.95	1	1	4.975742
Annual Permit 2_str	BOBJ1	221.6967	After	Interior Girder 6	51.4867	0.95	1	1	5.172001
Annual Permit 2_str	BOBJ1	221.6967	After	Right Exterior Girder	51.4867	0.95	1	1	7.514954
Annual Permit 2_str	BOBJ1	228.27	Before	Left Exterior Girder	58.06	0.95	1	1	7.422271
Annual Permit 2_str	BOBJ1	228.27	Before	Interior Girder 1	58.06	0.95	1	1	5.082878
Annual Permit 2_str	BOBJ1	228.27	Before	Interior Girder 2	58.06	0.95	1	1	4.890318
Annual Permit 2_str	BOBJ1	228.27	Before	Interior Girder 3	58.06	0.95	1	1	4.283837
Annual Permit 2_str	BOBJ1	228.27	Before	Interior Girder 4	58.06	0.95	1	1	4.283837
Annual Permit 2_str	BOBJ1	228.27	Before	Interior Girder 5	58.06	0.95	1	1	4.890318
Annual Permit 2_str	BOBJ1	228.27	Before	Interior Girder 6	58.06	0.95	1	1	5.082878
Annual Permit 2_str	BOBJ1	228.27	Before	Right Exterior Girder	58.06	0.95	1	1	7.422271
Overweight Permit_str	BOBJ1	0	After	Left Exterior Girder	0	0.95	1	1	8.044891
Overweight Permit_str	BOBJ1	0	After	Interior Girder 1	0	0.95	1	1	6.422997
Overweight Permit_str	BOBJ1	0	After	Interior Girder 2	0	0.95	1	1	6.244633
Overweight Permit_str	BOBJ1	0	After	Interior Girder 3	0	0.95	1	1	5.527699
Overweight Permit_str	BOBJ1	0	After	Interior Girder 4	0	0.95	1	1	5.527699
Overweight Permit_str	BOBJ1	0	After	Interior Girder 5	0	0.95	1	1	6.244633
Overweight Permit_str	BOBJ1	0	After	Interior Girder 6	0	0.95	1	1	6.422997
Overweight Permit_str	BOBJ1	0	After	Right Exterior Girder	0	0.95	1	1	8.044891
Overweight Permit_str	BOBJ1	5.3833	Before	Left Exterior Girder	5.3833	0.95	1	1	8.136838
Overweight Permit_str	BOBJ1	5.3833	Before	Interior Girder 1	5.3833	0.95	1	1	6.523756
Overweight Permit_str	BOBJ1	5.3833	Before	Interior Girder 2	5.3833	0.95	1	1	6.342272
Overweight Permit_str	BOBJ1	5.3833	Before	Interior Girder 3	5.3833	0.95	1	1	5.614549
Overweight Permit_str	BOBJ1	5.3833	Before	Interior Girder 4	5.3833	0.95	1	1	5.614549
Overweight Permit_str	BOBJ1	5.3833	Before	Interior Girder 5	5.3833	0.95	1	1	6.342272
Overweight Permit_str	BOBJ1	5.3833	Before	Interior Girder 6	5.3833	0.95	1	1	6.523756
Overweight Permit_str	BOBJ1	5.3833	Before	Right Exterior Girder	5.3833	0.95	1	1	8.136838
Overweight Permit_str	BOBJ1	5.3833	After	Left Exterior Girder	5.3833	0.95	1	1	10.247357
Overweight Permit_str	BOBJ1	5.3833	After	Interior Girder 1	5.3833	0.95	1	1	9.359474
Overweight Permit_str	BOBJ1	5.3833	After	Interior Girder 2	5.3833	0.95	1	1	9.265008
Overweight Permit_str	BOBJ1	5.3833	After	Interior Girder 3	5.3833	0.95	1	1	8.363958
Overweight Permit_str	BOBJ1	5.3833	After	Interior Girder 4	5.3833	0.95	1	1	8.363958
Overweight Permit_str	BOBJ1	5.3833	After	Interior Girder 5	5.3833	0.95	1	1	9.265008
Overweight Permit_str	BOBJ1	5.3833	After	Interior Girder 6	5.3833	0.95	1	1	9.359474
Overweight Permit_str	BOBJ1	5.3833	After	Right Exterior Girder	5.3833	0.95	1	1	10.247357
Overweight Permit_str	BOBJ1	10.7667	Before	Left Exterior Girder	10.7667	0.95	1	1	10.360495
Overweight Permit_str	BOBJ1	10.7667	Before	Interior Girder 1	10.7667	0.95	1	1	9.503498
Overweight Permit_str	BOBJ1	10.7667	Before	Interior Girder 2	10.7667	0.95	1	1	9.406826
Overweight Permit_str	BOBJ1	10.7667	Before	Interior Girder 3	10.7667	0.95	1	1	8.492512
Overweight Permit_str	BOBJ1	10.7667	Before	Interior Girder 4	10.7667	0.95	1	1	8.492512
Overweight Permit_str	BOBJ1	10.7667	Before	Interior Girder 5	10.7667	0.95	1	1	9.406826
Overweight Permit_str	BOBJ1	10.7667	Before	Interior Girder 6	10.7667	0.95	1	1	9.503498
Overweight Permit_str	BOBJ1	10.7667	Before	Right Exterior Girder	10.7667	0.95	1	1	10.360495
Overweight Permit_str	BOBJ1	10.7667	After	Left Exterior Girder	10.7667	0.95	1	1	13.829073
Overweight Permit_str	BOBJ1	10.7667	After	Interior Girder 1	10.7667	0.95	1	1	13.306583
Overweight Permit_str	BOBJ1	10.7667	After	Interior Girder 2	10.7667	0.95	1	1	13.127077
Overweight Permit_str	BOBJ1	10.7667	After	Interior Girder 3	10.7667	0.95	1	1	11.914461
Overweight Permit_str	BOBJ1	10.7667	After	Interior Girder 4	10.7667	0.95	1	1	11.914461
Overweight Permit_str	BOBJ1	10.7667	After	Interior Girder 5	10.7667	0.95	1	1	13.127077
Overweight Permit_str	BOBJ1	10.7667	After	Interior Girder 6	10.7667	0.95	1	1	13.306583
Overweight Permit_str	BOBJ1	10.7667	After	Right Exterior Girder	10.7667	0.95	1	1	13.829073
Overweight Permit_str	BOBJ1	16.15	Before	Left Exterior Girder	16.15	0.95	1	1	13.976845
Overweight Permit_str	BOBJ1	16.15	Before	Interior Girder 1	16.15	0.95	1	1	13.113566
Overweight Permit_str	BOBJ1	16.15	Before	Interior Girder 2	16.15	0.95	1	1	12.935483
Overweight Permit_str	BOBJ1	16.15	Before	Interior Girder 3	16.15	0.95	1	1	11.741198
Overweight Permit_str	BOBJ1	16.15	Before	Interior Girder 4	16.15	0.95	1	1	11.741198
Overweight Permit_str	BOBJ1	16.15	Before	Interior Girder 5	16.15	0.95	1	1	12.935483
Overweight Permit_str	BOBJ1	16.15	Before	Interior Girder 6	16.15	0.95	1	1	13.113566
Overweight Permit_str	BOBJ1	16.15	Before	Right Exterior Girder	16.15	0.95	1	1	13.976845
Overweight Permit_str	BOBJ1	16.15	After	Left Exterior Girder	16.15	0.95	1	1	14.663333
Overweight Permit_str	BOBJ1	16.15	After	Interior Girder 1	16.15	0.95	1	1	13.127809
Overweight Permit_str	BOBJ1	16.15	After	Interior Girder 2	16.15	0.95	1	1	11.825646
Overweight Permit_str	BOBJ1	16.15	After	Interior Girder 3	16.15	0.95	1	1	10.411804
Overweight Permit_str	BOBJ1	16.15	After	Interior Girder 4	16.15	0.95	1	1	10.411804

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Approach, Span 16-19									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Overweight Permit_str	BOBJ1	16.15	After	Interior Girder 5	16.15	0.95	1	1	11.825646
Overweight Permit_str	BOBJ1	16.15	After	Interior Girder 6	16.15	0.95	1	1	13.127809
Overweight Permit_str	BOBJ1	16.15	After	Right Exterior Girder	16.15	0.95	1	1	14.663333
Overweight Permit_str	BOBJ1	22.1267	Before	Left Exterior Girder	22.1267	0.95	1	1	14.489686
Overweight Permit_str	BOBJ1	22.1267	Before	Interior Girder 1	22.1267	0.95	1	1	13.341036
Overweight Permit_str	BOBJ1	22.1267	Before	Interior Girder 2	22.1267	0.95	1	1	12.018786
Overweight Permit_str	BOBJ1	22.1267	Before	Interior Girder 3	22.1267	0.95	1	1	10.581768
Overweight Permit_str	BOBJ1	22.1267	Before	Interior Girder 4	22.1267	0.95	1	1	10.581768
Overweight Permit_str	BOBJ1	22.1267	Before	Interior Girder 5	22.1267	0.95	1	1	12.018786
Overweight Permit_str	BOBJ1	22.1267	Before	Interior Girder 6	22.1267	0.95	1	1	13.341036
Overweight Permit_str	BOBJ1	22.1267	Before	Right Exterior Girder	22.1267	0.95	1	1	14.489686
Overweight Permit_str	BOBJ1	22.1267	After	Left Exterior Girder	22.1267	0.95	1	1	11.291032
Overweight Permit_str	BOBJ1	22.1267	After	Interior Girder 1	22.1267	0.95	1	1	10.191585
Overweight Permit_str	BOBJ1	22.1267	After	Interior Girder 2	22.1267	0.95	1	1	9.963101
Overweight Permit_str	BOBJ1	22.1267	After	Interior Girder 3	22.1267	0.95	1	1	8.99744
Overweight Permit_str	BOBJ1	22.1267	After	Interior Girder 4	22.1267	0.95	1	1	8.99744
Overweight Permit_str	BOBJ1	22.1267	After	Interior Girder 5	22.1267	0.95	1	1	9.963101
Overweight Permit_str	BOBJ1	22.1267	After	Interior Girder 6	22.1267	0.95	1	1	10.191585
Overweight Permit_str	BOBJ1	22.1267	After	Right Exterior Girder	22.1267	0.95	1	1	11.291032
Overweight Permit_str	BOBJ1	28.1033	Before	Left Exterior Girder	28.1033	0.95	1	1	11.15239
Overweight Permit_str	BOBJ1	28.1033	Before	Interior Girder 1	28.1033	0.95	1	1	10.018641
Overweight Permit_str	BOBJ1	28.1033	Before	Interior Girder 2	28.1033	0.95	1	1	9.794761
Overweight Permit_str	BOBJ1	28.1033	Before	Interior Girder 3	28.1033	0.95	1	1	8.845329
Overweight Permit_str	BOBJ1	28.1033	Before	Interior Girder 4	28.1033	0.95	1	1	8.845329
Overweight Permit_str	BOBJ1	28.1033	Before	Interior Girder 5	28.1033	0.95	1	1	9.794761
Overweight Permit_str	BOBJ1	28.1033	Before	Interior Girder 6	28.1033	0.95	1	1	10.018641
Overweight Permit_str	BOBJ1	28.1033	Before	Right Exterior Girder	28.1033	0.95	1	1	11.15239
Overweight Permit_str	BOBJ1	28.1033	After	Left Exterior Girder	28.1033	0.95	1	1	8.841847
Overweight Permit_str	BOBJ1	28.1033	After	Interior Girder 1	28.1033	0.95	1	1	7.08427
Overweight Permit_str	BOBJ1	28.1033	After	Interior Girder 2	28.1033	0.95	1	1	6.830226
Overweight Permit_str	BOBJ1	28.1033	After	Interior Girder 3	28.1033	0.95	1	1	6.093927
Overweight Permit_str	BOBJ1	28.1033	After	Interior Girder 4	28.1033	0.95	1	1	6.093927
Overweight Permit_str	BOBJ1	28.1033	After	Interior Girder 5	28.1033	0.95	1	1	6.830226
Overweight Permit_str	BOBJ1	28.1033	After	Interior Girder 6	28.1033	0.95	1	1	7.08427
Overweight Permit_str	BOBJ1	28.1033	After	Right Exterior Girder	28.1033	0.95	1	1	8.841847
Overweight Permit_str	BOBJ1	34.08	Before	Left Exterior Girder	34.08	0.95	1	1	8.72906
Overweight Permit_str	BOBJ1	34.08	Before	Interior Girder 1	34.08	0.95	1	1	6.961404
Overweight Permit_str	BOBJ1	34.08	Before	Interior Girder 2	34.08	0.95	1	1	6.712096
Overweight Permit_str	BOBJ1	34.08	Before	Interior Girder 3	34.08	0.95	1	1	5.988377
Overweight Permit_str	BOBJ1	34.08	Before	Interior Girder 4	34.08	0.95	1	1	5.988377
Overweight Permit_str	BOBJ1	34.08	Before	Interior Girder 5	34.08	0.95	1	1	6.712096
Overweight Permit_str	BOBJ1	34.08	Before	Interior Girder 6	34.08	0.95	1	1	6.961404
Overweight Permit_str	BOBJ1	34.08	Before	Right Exterior Girder	34.08	0.95	1	1	8.72906
Overweight Permit_str	BOBJ1	34.08	After	Left Exterior Girder	34.08	0.95	1	1	5.846742
Overweight Permit_str	BOBJ1	34.08	After	Interior Girder 1	34.08	0.95	1	1	6.688234
Overweight Permit_str	BOBJ1	34.08	After	Interior Girder 2	34.08	0.95	1	1	6.775612
Overweight Permit_str	BOBJ1	34.08	After	Interior Girder 3	34.08	0.95	1	1	5.782857
Overweight Permit_str	BOBJ1	34.08	After	Interior Girder 4	34.08	0.95	1	1	5.782857
Overweight Permit_str	BOBJ1	34.08	After	Interior Girder 5	34.08	0.95	1	1	6.775612
Overweight Permit_str	BOBJ1	34.08	After	Interior Girder 6	34.08	0.95	1	1	6.688234
Overweight Permit_str	BOBJ1	34.08	After	Right Exterior Girder	34.08	0.95	1	1	5.846742
Overweight Permit_str	BOBJ1	39.855	Before	Left Exterior Girder	39.855	0.95	1	1	5.771454
Overweight Permit_str	BOBJ1	39.855	Before	Interior Girder 1	39.855	0.95	1	1	6.573574
Overweight Permit_str	BOBJ1	39.855	Before	Interior Girder 2	39.855	0.95	1	1	6.660802
Overweight Permit_str	BOBJ1	39.855	Before	Interior Girder 3	39.855	0.95	1	1	5.682529
Overweight Permit_str	BOBJ1	39.855	Before	Interior Girder 4	39.855	0.95	1	1	5.682529
Overweight Permit_str	BOBJ1	39.855	Before	Interior Girder 5	39.855	0.95	1	1	6.660802
Overweight Permit_str	BOBJ1	39.855	Before	Interior Girder 6	39.855	0.95	1	1	6.573574
Overweight Permit_str	BOBJ1	39.855	Before	Right Exterior Girder	39.855	0.95	1	1	5.771454
Overweight Permit_str	BOBJ1	39.855	After	Left Exterior Girder	39.855	0.95	1	1	3.366744
Overweight Permit_str	BOBJ1	39.855	After	Interior Girder 1	39.855	0.95	1	1	6.86686
Overweight Permit_str	BOBJ1	39.855	After	Interior Girder 2	39.855	0.95	1	1	5.023558
Overweight Permit_str	BOBJ1	39.855	After	Interior Girder 3	39.855	0.95	1	1	4.164445
Overweight Permit_str	BOBJ1	39.855	After	Interior Girder 4	39.855	0.95	1	1	4.164445
Overweight Permit_str	BOBJ1	39.855	After	Interior Girder 5	39.855	0.95	1	1	5.023558

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Approach, Span 16-19									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Overweight Permit_str	BOBJ1	39.855	After	Interior Girder 6	39.855	0.95	1	1	6.86686
Overweight Permit_str	BOBJ1	39.855	After	Right Exterior Girder	39.855	0.95	1	1	3.366744
Overweight Permit_str	BOBJ1	40.0288	Before	Left Exterior Girder	40.0288	0.95	1	1	3.365298
Overweight Permit_str	BOBJ1	40.0288	Before	Right Exterior Girder	40.0288	0.95	1	1	3.365298
Overweight Permit_str	BOBJ1	40.0288	After	Left Exterior Girder	40.0288	0.95	1	1	4.951232
Overweight Permit_str	BOBJ1	40.0288	After	Right Exterior Girder	40.0288	0.95	1	1	4.951232
Overweight Permit_str	BOBJ1	45.63	Before	Left Exterior Girder	45.63	0.95	1	1	4.883049
Overweight Permit_str	BOBJ1	45.63	Before	Interior Girder 1	45.63	0.95	1	1	4.975393
Overweight Permit_str	BOBJ1	45.63	Before	Interior Girder 2	45.63	0.95	1	1	4.936603
Overweight Permit_str	BOBJ1	45.63	Before	Interior Girder 3	45.63	0.95	1	1	4.090244
Overweight Permit_str	BOBJ1	45.63	Before	Interior Girder 4	45.63	0.95	1	1	4.090244
Overweight Permit_str	BOBJ1	45.63	Before	Interior Girder 5	45.63	0.95	1	1	4.936603
Overweight Permit_str	BOBJ1	45.63	Before	Interior Girder 6	45.63	0.95	1	1	4.975393
Overweight Permit_str	BOBJ1	45.63	Before	Right Exterior Girder	45.63	0.95	1	1	4.883049
Overweight Permit_str	BOBJ1	45.63	After	Left Exterior Girder	0	0.95	1	1	4.293316
Overweight Permit_str	BOBJ1	45.63	After	Interior Girder 1	0	0.95	1	1	4.637338
Overweight Permit_str	BOBJ1	45.63	After	Interior Girder 2	0	0.95	1	1	4.692488
Overweight Permit_str	BOBJ1	45.63	After	Interior Girder 3	0	0.95	1	1	3.917427
Overweight Permit_str	BOBJ1	45.63	After	Interior Girder 4	0	0.95	1	1	3.917427
Overweight Permit_str	BOBJ1	45.63	After	Interior Girder 5	0	0.95	1	1	4.692488
Overweight Permit_str	BOBJ1	45.63	After	Interior Girder 6	0	0.95	1	1	4.637338
Overweight Permit_str	BOBJ1	45.63	After	Right Exterior Girder	0	0.95	1	1	4.293316
Overweight Permit_str	BOBJ1	50.6298	Before	Left Exterior Girder	4.9998	0.95	1	1	4.347977
Overweight Permit_str	BOBJ1	50.6298	Before	Right Exterior Girder	4.9998	0.95	1	1	4.347977
Overweight Permit_str	BOBJ1	50.6298	After	Left Exterior Girder	4.9998	0.95	1	1	3.272476
Overweight Permit_str	BOBJ1	50.6298	After	Right Exterior Girder	4.9998	0.95	1	1	3.272476
Overweight Permit_str	BOBJ1	51.4	Before	Left Exterior Girder	5.77	0.95	1	1	3.2788
Overweight Permit_str	BOBJ1	51.4	Before	Interior Girder 1	5.77	0.95	1	1	6.036776
Overweight Permit_str	BOBJ1	51.4	Before	Interior Girder 2	5.77	0.95	1	1	4.776485
Overweight Permit_str	BOBJ1	51.4	Before	Interior Girder 3	5.77	0.95	1	1	3.989639
Overweight Permit_str	BOBJ1	51.4	Before	Interior Girder 4	5.77	0.95	1	1	3.989639
Overweight Permit_str	BOBJ1	51.4	Before	Interior Girder 5	5.77	0.95	1	1	4.776485
Overweight Permit_str	BOBJ1	51.4	Before	Interior Girder 6	5.77	0.95	1	1	6.036776
Overweight Permit_str	BOBJ1	51.4	Before	Right Exterior Girder	5.77	0.95	1	1	3.2788
Overweight Permit_str	BOBJ1	51.4	After	Left Exterior Girder	5.77	0.95	1	1	4.911594
Overweight Permit_str	BOBJ1	51.4	After	Interior Girder 1	5.77	0.95	1	1	5.892891
Overweight Permit_str	BOBJ1	51.4	After	Interior Girder 2	5.77	0.95	1	1	6.168534
Overweight Permit_str	BOBJ1	51.4	After	Interior Girder 3	5.77	0.95	1	1	5.321603
Overweight Permit_str	BOBJ1	51.4	After	Interior Girder 4	5.77	0.95	1	1	5.321603
Overweight Permit_str	BOBJ1	51.4	After	Interior Girder 5	5.77	0.95	1	1	6.168534
Overweight Permit_str	BOBJ1	51.4	After	Interior Girder 6	5.77	0.95	1	1	5.892891
Overweight Permit_str	BOBJ1	51.4	After	Right Exterior Girder	5.77	0.95	1	1	4.911594
Overweight Permit_str	BOBJ1	57.17	Before	Left Exterior Girder	11.54	0.95	1	1	4.976886
Overweight Permit_str	BOBJ1	57.17	Before	Interior Girder 1	11.54	0.95	1	1	5.997315
Overweight Permit_str	BOBJ1	57.17	Before	Interior Girder 2	11.54	0.95	1	1	6.276533
Overweight Permit_str	BOBJ1	57.17	Before	Interior Girder 3	11.54	0.95	1	1	5.417027
Overweight Permit_str	BOBJ1	57.17	Before	Interior Girder 4	11.54	0.95	1	1	5.417027
Overweight Permit_str	BOBJ1	57.17	Before	Interior Girder 5	11.54	0.95	1	1	6.276533
Overweight Permit_str	BOBJ1	57.17	Before	Interior Girder 6	11.54	0.95	1	1	5.997315
Overweight Permit_str	BOBJ1	57.17	Before	Right Exterior Girder	11.54	0.95	1	1	4.976886
Overweight Permit_str	BOBJ1	57.17	After	Left Exterior Girder	11.54	0.95	1	1	6.735479
Overweight Permit_str	BOBJ1	57.17	After	Interior Girder 1	11.54	0.95	1	1	5.964883
Overweight Permit_str	BOBJ1	57.17	After	Interior Girder 2	11.54	0.95	1	1	5.990689
Overweight Permit_str	BOBJ1	57.17	After	Interior Girder 3	11.54	0.95	1	1	5.435578
Overweight Permit_str	BOBJ1	57.17	After	Interior Girder 4	11.54	0.95	1	1	5.435578
Overweight Permit_str	BOBJ1	57.17	After	Interior Girder 5	11.54	0.95	1	1	5.990689
Overweight Permit_str	BOBJ1	57.17	After	Interior Girder 6	11.54	0.95	1	1	5.964883
Overweight Permit_str	BOBJ1	57.17	After	Right Exterior Girder	11.54	0.95	1	1	6.735479
Overweight Permit_str	BOBJ1	63.34	Before	Left Exterior Girder	17.71	0.95	1	1	6.826972
Overweight Permit_str	BOBJ1	63.34	Before	Interior Girder 1	17.71	0.95	1	1	6.075526
Overweight Permit_str	BOBJ1	63.34	Before	Interior Girder 2	17.71	0.95	1	1	6.101264
Overweight Permit_str	BOBJ1	63.34	Before	Interior Girder 3	17.71	0.95	1	1	5.535953
Overweight Permit_str	BOBJ1	63.34	Before	Interior Girder 4	17.71	0.95	1	1	5.535953
Overweight Permit_str	BOBJ1	63.34	Before	Interior Girder 5	17.71	0.95	1	1	6.101264
Overweight Permit_str	BOBJ1	63.34	Before	Interior Girder 6	17.71	0.95	1	1	6.075526

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Approach, Span 16-19									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Overweight Permit_str	BOBJ1	63.34	Before	Right Exterior Girder	17.71	0.95	1	1	6.826972
Overweight Permit_str	BOBJ1	63.34	After	Left Exterior Girder	17.71	0.95	1	1	8.113155
Overweight Permit_str	BOBJ1	63.34	After	Interior Girder 1	17.71	0.95	1	1	8.035276
Overweight Permit_str	BOBJ1	63.34	After	Interior Girder 2	17.71	0.95	1	1	8.24446
Overweight Permit_str	BOBJ1	63.34	After	Interior Girder 3	17.71	0.95	1	1	7.603394
Overweight Permit_str	BOBJ1	63.34	After	Interior Girder 4	17.71	0.95	1	1	7.603394
Overweight Permit_str	BOBJ1	63.34	After	Interior Girder 5	17.71	0.95	1	1	8.24446
Overweight Permit_str	BOBJ1	63.34	After	Interior Girder 6	17.71	0.95	1	1	8.035276
Overweight Permit_str	BOBJ1	63.34	After	Right Exterior Girder	17.71	0.95	1	1	8.113155
Overweight Permit_str	BOBJ1	69.51	Before	Left Exterior Girder	23.88	0.95	1	1	8.218989
Overweight Permit_str	BOBJ1	69.51	Before	Interior Girder 1	23.88	0.95	1	1	8.180896
Overweight Permit_str	BOBJ1	69.51	Before	Interior Girder 2	23.88	0.95	1	1	8.392883
Overweight Permit_str	BOBJ1	69.51	Before	Interior Girder 3	23.88	0.95	1	1	7.74022
Overweight Permit_str	BOBJ1	69.51	Before	Interior Girder 4	23.88	0.95	1	1	7.74022
Overweight Permit_str	BOBJ1	69.51	Before	Interior Girder 5	23.88	0.95	1	1	8.392883
Overweight Permit_str	BOBJ1	69.51	Before	Interior Girder 6	23.88	0.95	1	1	8.180896
Overweight Permit_str	BOBJ1	69.51	Before	Right Exterior Girder	23.88	0.95	1	1	8.218989
Overweight Permit_str	BOBJ1	69.51	After	Left Exterior Girder	23.88	0.95	1	1	10.256671
Overweight Permit_str	BOBJ1	69.51	After	Interior Girder 1	23.88	0.95	1	1	10.995726
Overweight Permit_str	BOBJ1	69.51	After	Interior Girder 2	23.88	0.95	1	1	11.422041
Overweight Permit_str	BOBJ1	69.51	After	Interior Girder 3	23.88	0.95	1	1	10.541469
Overweight Permit_str	BOBJ1	69.51	After	Interior Girder 4	23.88	0.95	1	1	10.541469
Overweight Permit_str	BOBJ1	69.51	After	Interior Girder 5	23.88	0.95	1	1	11.422041
Overweight Permit_str	BOBJ1	69.51	After	Interior Girder 6	23.88	0.95	1	1	10.995726
Overweight Permit_str	BOBJ1	69.51	After	Right Exterior Girder	23.88	0.95	1	1	10.256671
Overweight Permit_str	BOBJ1	75.68	Before	Left Exterior Girder	30.05	0.95	1	1	10.385448
Overweight Permit_str	BOBJ1	75.68	Before	Interior Girder 1	30.05	0.95	1	1	11.19038
Overweight Permit_str	BOBJ1	75.68	Before	Interior Girder 2	30.05	0.95	1	1	11.622624
Overweight Permit_str	BOBJ1	75.68	Before	Interior Girder 3	30.05	0.95	1	1	10.368734
Overweight Permit_str	BOBJ1	75.68	Before	Interior Girder 4	30.05	0.95	1	1	10.368734
Overweight Permit_str	BOBJ1	75.68	Before	Interior Girder 5	30.05	0.95	1	1	11.622624
Overweight Permit_str	BOBJ1	75.68	Before	Interior Girder 6	30.05	0.95	1	1	11.19038
Overweight Permit_str	BOBJ1	75.68	Before	Right Exterior Girder	30.05	0.95	1	1	10.385448
Overweight Permit_str	BOBJ1	75.68	After	Left Exterior Girder	30.05	0.95	1	1	14.470825
Overweight Permit_str	BOBJ1	75.68	After	Interior Girder 1	30.05	0.95	1	1	10.263249
Overweight Permit_str	BOBJ1	75.68	After	Interior Girder 2	30.05	0.95	1	1	9.448258
Overweight Permit_str	BOBJ1	75.68	After	Interior Girder 3	30.05	0.95	1	1	8.421687
Overweight Permit_str	BOBJ1	75.68	After	Interior Girder 4	30.05	0.95	1	1	8.421687
Overweight Permit_str	BOBJ1	75.68	After	Interior Girder 5	30.05	0.95	1	1	9.448258
Overweight Permit_str	BOBJ1	75.68	After	Interior Girder 6	30.05	0.95	1	1	10.263249
Overweight Permit_str	BOBJ1	75.68	After	Right Exterior Girder	30.05	0.95	1	1	14.470825
Overweight Permit_str	BOBJ1	81.8467	Before	Left Exterior Girder	36.2167	0.95	1	1	14.298456
Overweight Permit_str	BOBJ1	81.8467	Before	Interior Girder 1	36.2167	0.95	1	1	10.438176
Overweight Permit_str	BOBJ1	81.8467	Before	Interior Girder 2	36.2167	0.95	1	1	9.60999
Overweight Permit_str	BOBJ1	81.8467	Before	Interior Girder 3	36.2167	0.95	1	1	8.565886
Overweight Permit_str	BOBJ1	81.8467	Before	Interior Girder 4	36.2167	0.95	1	1	8.565886
Overweight Permit_str	BOBJ1	81.8467	Before	Interior Girder 5	36.2167	0.95	1	1	9.60999
Overweight Permit_str	BOBJ1	81.8467	Before	Interior Girder 6	36.2167	0.95	1	1	10.438176
Overweight Permit_str	BOBJ1	81.8467	Before	Right Exterior Girder	36.2167	0.95	1	1	14.298456
Overweight Permit_str	BOBJ1	81.8467	After	Left Exterior Girder	36.2167	0.95	1	1	11.096172
Overweight Permit_str	BOBJ1	81.8467	After	Interior Girder 1	36.2167	0.95	1	1	10.239488
Overweight Permit_str	BOBJ1	81.8467	After	Interior Girder 2	36.2167	0.95	1	1	10.136076
Overweight Permit_str	BOBJ1	81.8467	After	Interior Girder 3	36.2167	0.95	1	1	9.313022
Overweight Permit_str	BOBJ1	81.8467	After	Interior Girder 4	36.2167	0.95	1	1	9.313022
Overweight Permit_str	BOBJ1	81.8467	After	Interior Girder 5	36.2167	0.95	1	1	10.136076
Overweight Permit_str	BOBJ1	81.8467	After	Interior Girder 6	36.2167	0.95	1	1	10.239488
Overweight Permit_str	BOBJ1	81.8467	After	Right Exterior Girder	36.2167	0.95	1	1	11.096172
Overweight Permit_str	BOBJ1	88.0133	Before	Left Exterior Girder	42.3833	0.95	1	1	10.959142
Overweight Permit_str	BOBJ1	88.0133	Before	Interior Girder 1	42.3833	0.95	1	1	10.063128
Overweight Permit_str	BOBJ1	88.0133	Before	Interior Girder 2	42.3833	0.95	1	1	9.961981
Overweight Permit_str	BOBJ1	88.0133	Before	Interior Girder 3	42.3833	0.95	1	1	9.153186
Overweight Permit_str	BOBJ1	88.0133	Before	Interior Girder 4	42.3833	0.95	1	1	9.153186
Overweight Permit_str	BOBJ1	88.0133	Before	Interior Girder 5	42.3833	0.95	1	1	9.961981
Overweight Permit_str	BOBJ1	88.0133	Before	Interior Girder 6	42.3833	0.95	1	1	10.063128
Overweight Permit_str	BOBJ1	88.0133	Before	Right Exterior Girder	42.3833	0.95	1	1	10.959142

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Approach, Span 16-19									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Overweight Permit_str	BOBJ1	88.0133	After	Left Exterior Girder	42.3833	0.95	1	1	8.930022
Overweight Permit_str	BOBJ1	88.0133	After	Interior Girder 1	42.3833	0.95	1	1	7.291103
Overweight Permit_str	BOBJ1	88.0133	After	Interior Girder 2	42.3833	0.95	1	1	7.120656
Overweight Permit_str	BOBJ1	88.0133	After	Interior Girder 3	42.3833	0.95	1	1	6.450036
Overweight Permit_str	BOBJ1	88.0133	After	Interior Girder 4	42.3833	0.95	1	1	6.450036
Overweight Permit_str	BOBJ1	88.0133	After	Interior Girder 5	42.3833	0.95	1	1	7.120656
Overweight Permit_str	BOBJ1	88.0133	After	Interior Girder 6	42.3833	0.95	1	1	7.291103
Overweight Permit_str	BOBJ1	88.0133	After	Right Exterior Girder	42.3833	0.95	1	1	8.930022
Overweight Permit_str	BOBJ1	94.18	Before	Left Exterior Girder	48.55	0.95	1	1	8.815494
Overweight Permit_str	BOBJ1	94.18	Before	Interior Girder 1	48.55	0.95	1	1	7.162659
Overweight Permit_str	BOBJ1	94.18	Before	Interior Girder 2	48.55	0.95	1	1	6.995357
Overweight Permit_str	BOBJ1	94.18	Before	Interior Girder 3	48.55	0.95	1	1	6.336623
Overweight Permit_str	BOBJ1	94.18	Before	Interior Girder 4	48.55	0.95	1	1	6.336623
Overweight Permit_str	BOBJ1	94.18	Before	Interior Girder 5	48.55	0.95	1	1	6.995357
Overweight Permit_str	BOBJ1	94.18	Before	Interior Girder 6	48.55	0.95	1	1	7.162659
Overweight Permit_str	BOBJ1	94.18	Before	Right Exterior Girder	48.55	0.95	1	1	8.815494
Overweight Permit_str	BOBJ1	94.18	After	Left Exterior Girder	48.55	0.95	1	1	6.166515
Overweight Permit_str	BOBJ1	94.18	After	Interior Girder 1	48.55	0.95	1	1	7.498559
Overweight Permit_str	BOBJ1	94.18	After	Interior Girder 2	48.55	0.95	1	1	7.861733
Overweight Permit_str	BOBJ1	94.18	After	Interior Girder 3	48.55	0.95	1	1	7.192681
Overweight Permit_str	BOBJ1	94.18	After	Interior Girder 4	48.55	0.95	1	1	7.192681
Overweight Permit_str	BOBJ1	94.18	After	Interior Girder 5	48.55	0.95	1	1	7.861733
Overweight Permit_str	BOBJ1	94.18	After	Interior Girder 6	48.55	0.95	1	1	7.498559
Overweight Permit_str	BOBJ1	94.18	After	Right Exterior Girder	48.55	0.95	1	1	6.166515
Overweight Permit_str	BOBJ1	100.3567	Before	Left Exterior Girder	54.7267	0.95	1	1	6.08434
Overweight Permit_str	BOBJ1	100.3567	Before	Interior Girder 1	54.7267	0.95	1	1	7.362285
Overweight Permit_str	BOBJ1	100.3567	Before	Interior Girder 2	54.7267	0.95	1	1	7.720347
Overweight Permit_str	BOBJ1	100.3567	Before	Interior Girder 3	54.7267	0.95	1	1	7.061935
Overweight Permit_str	BOBJ1	100.3567	Before	Interior Girder 4	54.7267	0.95	1	1	7.061935
Overweight Permit_str	BOBJ1	100.3567	Before	Interior Girder 5	54.7267	0.95	1	1	7.720347
Overweight Permit_str	BOBJ1	100.3567	Before	Interior Girder 6	54.7267	0.95	1	1	7.362285
Overweight Permit_str	BOBJ1	100.3567	Before	Right Exterior Girder	54.7267	0.95	1	1	6.08434
Overweight Permit_str	BOBJ1	100.3567	After	Left Exterior Girder	54.7267	0.95	1	1	5.209366
Overweight Permit_str	BOBJ1	100.3567	After	Interior Girder 1	54.7267	0.95	1	1	5.771455
Overweight Permit_str	BOBJ1	100.3567	After	Interior Girder 2	54.7267	0.95	1	1	5.957579
Overweight Permit_str	BOBJ1	100.3567	After	Interior Girder 3	54.7267	0.95	1	1	5.255276
Overweight Permit_str	BOBJ1	100.3567	After	Interior Girder 4	54.7267	0.95	1	1	5.255276
Overweight Permit_str	BOBJ1	100.3567	After	Interior Girder 5	54.7267	0.95	1	1	5.957579
Overweight Permit_str	BOBJ1	100.3567	After	Interior Girder 6	54.7267	0.95	1	1	5.771455
Overweight Permit_str	BOBJ1	100.3567	After	Right Exterior Girder	54.7267	0.95	1	1	5.209366
Overweight Permit_str	BOBJ1	106.5333	Before	Left Exterior Girder	60.9033	0.95	1	1	5.136999
Overweight Permit_str	BOBJ1	106.5333	Before	Interior Girder 1	60.9033	0.95	1	1	5.664119
Overweight Permit_str	BOBJ1	106.5333	Before	Interior Girder 2	60.9033	0.95	1	1	5.847789
Overweight Permit_str	BOBJ1	106.5333	Before	Interior Girder 3	60.9033	0.95	1	1	5.157165
Overweight Permit_str	BOBJ1	106.5333	Before	Interior Girder 4	60.9033	0.95	1	1	5.157165
Overweight Permit_str	BOBJ1	106.5333	Before	Interior Girder 5	60.9033	0.95	1	1	5.847789
Overweight Permit_str	BOBJ1	106.5333	Before	Interior Girder 6	60.9033	0.95	1	1	5.664119
Overweight Permit_str	BOBJ1	106.5333	Before	Right Exterior Girder	60.9033	0.95	1	1	5.136999
Overweight Permit_str	BOBJ1	106.5333	After	Left Exterior Girder	60.9033	0.95	1	1	4.109025
Overweight Permit_str	BOBJ1	106.5333	After	Interior Girder 1	60.9033	0.95	1	1	4.884193
Overweight Permit_str	BOBJ1	106.5333	After	Interior Girder 2	60.9033	0.95	1	1	4.454429
Overweight Permit_str	BOBJ1	106.5333	After	Interior Girder 3	60.9033	0.95	1	1	3.817088
Overweight Permit_str	BOBJ1	106.5333	After	Interior Girder 4	60.9033	0.95	1	1	3.817088
Overweight Permit_str	BOBJ1	106.5333	After	Interior Girder 5	60.9033	0.95	1	1	4.454429
Overweight Permit_str	BOBJ1	106.5333	After	Interior Girder 6	60.9033	0.95	1	1	4.884193
Overweight Permit_str	BOBJ1	106.5333	After	Right Exterior Girder	60.9033	0.95	1	1	4.109025
Overweight Permit_str	BOBJ1	108.2102	Before	Left Exterior Girder	62.5802	0.95	1	1	4.092571
Overweight Permit_str	BOBJ1	108.2102	Before	Right Exterior Girder	62.5802	0.95	1	1	4.092571
Overweight Permit_str	BOBJ1	108.2102	After	Left Exterior Girder	62.5802	0.95	1	1	4.524157
Overweight Permit_str	BOBJ1	108.2102	After	Right Exterior Girder	62.5802	0.95	1	1	4.524157
Overweight Permit_str	BOBJ1	112.71	Before	Left Exterior Girder	67.08	0.95	1	1	4.473154
Overweight Permit_str	BOBJ1	112.71	Before	Interior Girder 1	67.08	0.95	1	1	4.343214
Overweight Permit_str	BOBJ1	112.71	Before	Interior Girder 2	67.08	0.95	1	1	4.37038
Overweight Permit_str	BOBJ1	112.71	Before	Interior Girder 3	67.08	0.95	1	1	3.743762
Overweight Permit_str	BOBJ1	112.71	Before	Interior Girder 4	67.08	0.95	1	1	3.743762

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Approach, Span 16-19									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Overweight Permit_str	BOBJ1	112.71	Before	Interior Girder 5	67.08	0.95	1	1	4.37038
Overweight Permit_str	BOBJ1	112.71	Before	Interior Girder 6	67.08	0.95	1	1	4.343214
Overweight Permit_str	BOBJ1	112.71	Before	Right Exterior Girder	67.08	0.95	1	1	4.473154
Overweight Permit_str	BOBJ1	112.71	After	Left Exterior Girder	0	0.95	1	1	4.880243
Overweight Permit_str	BOBJ1	112.71	After	Interior Girder 1	0	0.95	1	1	4.641754
Overweight Permit_str	BOBJ1	112.71	After	Interior Girder 2	0	0.95	1	1	4.589578
Overweight Permit_str	BOBJ1	112.71	After	Interior Girder 3	0	0.95	1	1	3.91437
Overweight Permit_str	BOBJ1	112.71	After	Interior Girder 4	0	0.95	1	1	3.91437
Overweight Permit_str	BOBJ1	112.71	After	Interior Girder 5	0	0.95	1	1	4.589578
Overweight Permit_str	BOBJ1	112.71	After	Interior Girder 6	0	0.95	1	1	4.641754
Overweight Permit_str	BOBJ1	112.71	After	Right Exterior Girder	0	0.95	1	1	4.880243
Overweight Permit_str	BOBJ1	117.21	Before	Left Exterior Girder	4.5	0.95	1	1	4.934286
Overweight Permit_str	BOBJ1	117.21	Before	Right Exterior Girder	4.5	0.95	1	1	4.934286
Overweight Permit_str	BOBJ1	117.21	After	Left Exterior Girder	4.5	0.95	1	1	4.591019
Overweight Permit_str	BOBJ1	117.21	After	Right Exterior Girder	4.5	0.95	1	1	4.591019
Overweight Permit_str	BOBJ1	119.1	Before	Left Exterior Girder	6.39	0.95	1	1	4.61105
Overweight Permit_str	BOBJ1	119.1	Before	Interior Girder 1	6.39	0.95	1	1	5.080381
Overweight Permit_str	BOBJ1	119.1	Before	Interior Girder 2	6.39	0.95	1	1	4.678833
Overweight Permit_str	BOBJ1	119.1	Before	Interior Girder 3	6.39	0.95	1	1	3.991956
Overweight Permit_str	BOBJ1	119.1	Before	Interior Girder 4	6.39	0.95	1	1	3.991956
Overweight Permit_str	BOBJ1	119.1	Before	Interior Girder 5	6.39	0.95	1	1	4.678833
Overweight Permit_str	BOBJ1	119.1	Before	Interior Girder 6	6.39	0.95	1	1	5.080381
Overweight Permit_str	BOBJ1	119.1	Before	Right Exterior Girder	6.39	0.95	1	1	4.61105
Overweight Permit_str	BOBJ1	119.1	After	Left Exterior Girder	6.39	0.95	1	1	5.781695
Overweight Permit_str	BOBJ1	119.1	After	Interior Girder 1	6.39	0.95	1	1	6.251848
Overweight Permit_str	BOBJ1	119.1	After	Interior Girder 2	6.39	0.95	1	1	6.308647
Overweight Permit_str	BOBJ1	119.1	After	Interior Girder 3	6.39	0.95	1	1	5.53
Overweight Permit_str	BOBJ1	119.1	After	Interior Girder 4	6.39	0.95	1	1	5.53
Overweight Permit_str	BOBJ1	119.1	After	Interior Girder 5	6.39	0.95	1	1	6.308647
Overweight Permit_str	BOBJ1	119.1	After	Interior Girder 6	6.39	0.95	1	1	6.251848
Overweight Permit_str	BOBJ1	119.1	After	Right Exterior Girder	6.39	0.95	1	1	5.781695
Overweight Permit_str	BOBJ1	125.49	Before	Left Exterior Girder	12.78	0.95	1	1	5.863476
Overweight Permit_str	BOBJ1	125.49	Before	Interior Girder 1	12.78	0.95	1	1	6.371345
Overweight Permit_str	BOBJ1	125.49	Before	Interior Girder 2	12.78	0.95	1	1	6.428385
Overweight Permit_str	BOBJ1	125.49	Before	Interior Girder 3	12.78	0.95	1	1	5.636437
Overweight Permit_str	BOBJ1	125.49	Before	Interior Girder 4	12.78	0.95	1	1	5.636437
Overweight Permit_str	BOBJ1	125.49	Before	Interior Girder 5	12.78	0.95	1	1	6.428385
Overweight Permit_str	BOBJ1	125.49	Before	Interior Girder 6	12.78	0.95	1	1	6.371345
Overweight Permit_str	BOBJ1	125.49	Before	Right Exterior Girder	12.78	0.95	1	1	5.863476
Overweight Permit_str	BOBJ1	125.49	After	Left Exterior Girder	12.78	0.95	1	1	7.102018
Overweight Permit_str	BOBJ1	125.49	After	Interior Girder 1	12.78	0.95	1	1	8.460186
Overweight Permit_str	BOBJ1	125.49	After	Interior Girder 2	12.78	0.95	1	1	8.710362
Overweight Permit_str	BOBJ1	125.49	After	Interior Girder 3	12.78	0.95	1	1	7.846674
Overweight Permit_str	BOBJ1	125.49	After	Interior Girder 4	12.78	0.95	1	1	7.846674
Overweight Permit_str	BOBJ1	125.49	After	Interior Girder 5	12.78	0.95	1	1	8.710362
Overweight Permit_str	BOBJ1	125.49	After	Interior Girder 6	12.78	0.95	1	1	8.460186
Overweight Permit_str	BOBJ1	125.49	After	Right Exterior Girder	12.78	0.95	1	1	7.102018
Overweight Permit_str	BOBJ1	131.88	Before	Left Exterior Girder	19.17	0.95	1	1	7.198301
Overweight Permit_str	BOBJ1	131.88	Before	Interior Girder 1	19.17	0.95	1	1	8.618094
Overweight Permit_str	BOBJ1	131.88	Before	Interior Girder 2	19.17	0.95	1	1	8.87159
Overweight Permit_str	BOBJ1	131.88	Before	Interior Girder 3	19.17	0.95	1	1	7.993624
Overweight Permit_str	BOBJ1	131.88	Before	Interior Girder 4	19.17	0.95	1	1	7.993624
Overweight Permit_str	BOBJ1	131.88	Before	Interior Girder 5	19.17	0.95	1	1	8.87159
Overweight Permit_str	BOBJ1	131.88	Before	Interior Girder 6	19.17	0.95	1	1	8.618094
Overweight Permit_str	BOBJ1	131.88	Before	Right Exterior Girder	19.17	0.95	1	1	7.198301
Overweight Permit_str	BOBJ1	131.88	After	Left Exterior Girder	19.17	0.95	1	1	11.176418
Overweight Permit_str	BOBJ1	131.88	After	Interior Girder 1	19.17	0.95	1	1	8.183405
Overweight Permit_str	BOBJ1	131.88	After	Interior Girder 2	19.17	0.95	1	1	7.953842
Overweight Permit_str	BOBJ1	131.88	After	Interior Girder 3	19.17	0.95	1	1	7.153786
Overweight Permit_str	BOBJ1	131.88	After	Interior Girder 4	19.17	0.95	1	1	7.153786
Overweight Permit_str	BOBJ1	131.88	After	Interior Girder 5	19.17	0.95	1	1	7.953842
Overweight Permit_str	BOBJ1	131.88	After	Interior Girder 6	19.17	0.95	1	1	8.183405
Overweight Permit_str	BOBJ1	131.88	After	Right Exterior Girder	19.17	0.95	1	1	11.176418
Overweight Permit_str	BOBJ1	138.27	Before	Left Exterior Girder	25.56	0.95	1	1	11.322088
Overweight Permit_str	BOBJ1	138.27	Before	Interior Girder 1	25.56	0.95	1	1	8.331606

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Approach, Span 16-19									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Overweight Permit_str	BOBJ1	138.27	Before	Interior Girder 2	25.56	0.95	1	1	8.098161
Overweight Permit_str	BOBJ1	138.27	Before	Interior Girder 3	25.56	0.95	1	1	7.283622
Overweight Permit_str	BOBJ1	138.27	Before	Interior Girder 4	25.56	0.95	1	1	7.283622
Overweight Permit_str	BOBJ1	138.27	Before	Interior Girder 5	25.56	0.95	1	1	8.098161
Overweight Permit_str	BOBJ1	138.27	Before	Interior Girder 6	25.56	0.95	1	1	8.331606
Overweight Permit_str	BOBJ1	138.27	Before	Right Exterior Girder	25.56	0.95	1	1	11.322088
Overweight Permit_str	BOBJ1	138.27	After	Left Exterior Girder	25.56	0.95	1	1	14.312141
Overweight Permit_str	BOBJ1	138.27	After	Interior Girder 1	25.56	0.95	1	1	12.145978
Overweight Permit_str	BOBJ1	138.27	After	Interior Girder 2	25.56	0.95	1	1	11.871695
Overweight Permit_str	BOBJ1	138.27	After	Interior Girder 3	25.56	0.95	1	1	10.820381
Overweight Permit_str	BOBJ1	138.27	After	Interior Girder 4	25.56	0.95	1	1	10.820381
Overweight Permit_str	BOBJ1	138.27	After	Interior Girder 5	25.56	0.95	1	1	11.871695
Overweight Permit_str	BOBJ1	138.27	After	Interior Girder 6	25.56	0.95	1	1	12.145978
Overweight Permit_str	BOBJ1	138.27	After	Right Exterior Girder	25.56	0.95	1	1	14.312141
Overweight Permit_str	BOBJ1	144.66	Before	Left Exterior Girder	31.95	0.95	1	1	14.133857
Overweight Permit_str	BOBJ1	144.66	Before	Interior Girder 1	31.95	0.95	1	1	12.036857
Overweight Permit_str	BOBJ1	144.66	Before	Interior Girder 2	31.95	0.95	1	1	11.67603
Overweight Permit_str	BOBJ1	144.66	Before	Interior Girder 3	31.95	0.95	1	1	10.63197
Overweight Permit_str	BOBJ1	144.66	Before	Interior Girder 4	31.95	0.95	1	1	10.63197
Overweight Permit_str	BOBJ1	144.66	Before	Interior Girder 5	31.95	0.95	1	1	11.67603
Overweight Permit_str	BOBJ1	144.66	Before	Interior Girder 6	31.95	0.95	1	1	12.036857
Overweight Permit_str	BOBJ1	144.66	Before	Right Exterior Girder	31.95	0.95	1	1	14.133857
Overweight Permit_str	BOBJ1	144.66	After	Left Exterior Girder	31.95	0.95	1	1	10.903899
Overweight Permit_str	BOBJ1	144.66	After	Interior Girder 1	31.95	0.95	1	1	8.298763
Overweight Permit_str	BOBJ1	144.66	After	Interior Girder 2	31.95	0.95	1	1	7.962249
Overweight Permit_str	BOBJ1	144.66	After	Interior Girder 3	31.95	0.95	1	1	7.157393
Overweight Permit_str	BOBJ1	144.66	After	Interior Girder 4	31.95	0.95	1	1	7.157393
Overweight Permit_str	BOBJ1	144.66	After	Interior Girder 5	31.95	0.95	1	1	7.962249
Overweight Permit_str	BOBJ1	144.66	After	Interior Girder 6	31.95	0.95	1	1	8.298763
Overweight Permit_str	BOBJ1	144.66	After	Right Exterior Girder	31.95	0.95	1	1	10.903899
Overweight Permit_str	BOBJ1	151.05	Before	Left Exterior Girder	38.34	0.95	1	1	10.762764
Overweight Permit_str	BOBJ1	151.05	Before	Interior Girder 1	38.34	0.95	1	1	8.150868
Overweight Permit_str	BOBJ1	151.05	Before	Interior Girder 2	38.34	0.95	1	1	7.820175
Overweight Permit_str	BOBJ1	151.05	Before	Interior Girder 3	38.34	0.95	1	1	7.02966
Overweight Permit_str	BOBJ1	151.05	Before	Interior Girder 4	38.34	0.95	1	1	7.02966
Overweight Permit_str	BOBJ1	151.05	Before	Interior Girder 5	38.34	0.95	1	1	7.820175
Overweight Permit_str	BOBJ1	151.05	Before	Interior Girder 6	38.34	0.95	1	1	8.150868
Overweight Permit_str	BOBJ1	151.05	Before	Right Exterior Girder	38.34	0.95	1	1	10.762764
Overweight Permit_str	BOBJ1	151.05	After	Left Exterior Girder	38.34	0.95	1	1	6.949538
Overweight Permit_str	BOBJ1	151.05	After	Interior Girder 1	38.34	0.95	1	1	8.498805
Overweight Permit_str	BOBJ1	151.05	After	Interior Girder 2	38.34	0.95	1	1	8.609811
Overweight Permit_str	BOBJ1	151.05	After	Interior Girder 3	38.34	0.95	1	1	7.704413
Overweight Permit_str	BOBJ1	151.05	After	Interior Girder 4	38.34	0.95	1	1	7.704413
Overweight Permit_str	BOBJ1	151.05	After	Interior Girder 5	38.34	0.95	1	1	8.609811
Overweight Permit_str	BOBJ1	151.05	After	Interior Girder 6	38.34	0.95	1	1	8.498805
Overweight Permit_str	BOBJ1	151.05	After	Right Exterior Girder	38.34	0.95	1	1	6.949538
Overweight Permit_str	BOBJ1	157.4367	Before	Left Exterior Girder	44.7267	0.95	1	1	6.855952
Overweight Permit_str	BOBJ1	157.4367	Before	Interior Girder 1	44.7267	0.95	1	1	8.343037
Overweight Permit_str	BOBJ1	157.4367	Before	Interior Girder 2	44.7267	0.95	1	1	8.453336
Overweight Permit_str	BOBJ1	157.4367	Before	Interior Girder 3	44.7267	0.95	1	1	7.562565
Overweight Permit_str	BOBJ1	157.4367	Before	Interior Girder 4	44.7267	0.95	1	1	7.562565
Overweight Permit_str	BOBJ1	157.4367	Before	Interior Girder 5	44.7267	0.95	1	1	8.453336
Overweight Permit_str	BOBJ1	157.4367	Before	Interior Girder 6	44.7267	0.95	1	1	8.343037
Overweight Permit_str	BOBJ1	157.4367	Before	Right Exterior Girder	44.7267	0.95	1	1	6.855952
Overweight Permit_str	BOBJ1	157.4367	After	Left Exterior Girder	44.7267	0.95	1	1	5.571588
Overweight Permit_str	BOBJ1	157.4367	After	Interior Girder 1	44.7267	0.95	1	1	6.35618
Overweight Permit_str	BOBJ1	157.4367	After	Interior Girder 2	44.7267	0.95	1	1	6.12855
Overweight Permit_str	BOBJ1	157.4367	After	Interior Girder 3	44.7267	0.95	1	1	5.232663
Overweight Permit_str	BOBJ1	157.4367	After	Interior Girder 4	44.7267	0.95	1	1	5.232663
Overweight Permit_str	BOBJ1	157.4367	After	Interior Girder 5	44.7267	0.95	1	1	6.12855
Overweight Permit_str	BOBJ1	157.4367	After	Interior Girder 6	44.7267	0.95	1	1	6.35618
Overweight Permit_str	BOBJ1	157.4367	After	Right Exterior Girder	44.7267	0.95	1	1	5.571588
Overweight Permit_str	BOBJ1	158.71	Before	Left Exterior Girder	46	0.95	1	1	5.556085
Overweight Permit_str	BOBJ1	158.71	Before	Interior Girder 1	46	0.95	1	1	6.33255
Overweight Permit_str	BOBJ1	158.71	Before	Interior Girder 2	46	0.95	1	1	6.105888

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Approach, Span 16-19									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Overweight Permit_str	BOBJ1	158.71	Before	Interior Girder 3	46	0.95	1	1	5.212975
Overweight Permit_str	BOBJ1	158.71	Before	Interior Girder 4	46	0.95	1	1	5.212975
Overweight Permit_str	BOBJ1	158.71	Before	Interior Girder 5	46	0.95	1	1	6.105888
Overweight Permit_str	BOBJ1	158.71	Before	Interior Girder 6	46	0.95	1	1	6.33255
Overweight Permit_str	BOBJ1	158.71	Before	Right Exterior Girder	46	0.95	1	1	5.556085
Overweight Permit_str	BOBJ1	158.71	After	Left Exterior Girder	46	0.95	1	1	6.940133
Overweight Permit_str	BOBJ1	158.71	After	Interior Girder 1	46	0.95	1	1	6.940348
Overweight Permit_str	BOBJ1	158.71	After	Interior Girder 2	46	0.95	1	1	6.88117
Overweight Permit_str	BOBJ1	158.71	After	Interior Girder 3	46	0.95	1	1	5.972099
Overweight Permit_str	BOBJ1	158.71	After	Interior Girder 4	46	0.95	1	1	5.972099
Overweight Permit_str	BOBJ1	158.71	After	Interior Girder 5	46	0.95	1	1	6.88117
Overweight Permit_str	BOBJ1	158.71	After	Interior Girder 6	46	0.95	1	1	6.940348
Overweight Permit_str	BOBJ1	158.71	After	Right Exterior Girder	46	0.95	1	1	6.940133
Overweight Permit_str	BOBJ1	163.8233	Before	Left Exterior Girder	51.1133	0.95	1	1	6.872976
Overweight Permit_str	BOBJ1	163.8233	Before	Interior Girder 1	51.1133	0.95	1	1	6.847675
Overweight Permit_str	BOBJ1	163.8233	Before	Interior Girder 2	51.1133	0.95	1	1	6.789834
Overweight Permit_str	BOBJ1	163.8233	Before	Interior Girder 3	51.1133	0.95	1	1	5.891735
Overweight Permit_str	BOBJ1	163.8233	Before	Interior Girder 4	51.1133	0.95	1	1	5.891735
Overweight Permit_str	BOBJ1	163.8233	Before	Interior Girder 5	51.1133	0.95	1	1	6.789834
Overweight Permit_str	BOBJ1	163.8233	Before	Interior Girder 6	51.1133	0.95	1	1	6.847675
Overweight Permit_str	BOBJ1	163.8233	Before	Right Exterior Girder	51.1133	0.95	1	1	6.872976
Overweight Permit_str	BOBJ1	163.8233	After	Left Exterior Girder	51.1133	0.95	1	1	5.355284
Overweight Permit_str	BOBJ1	163.8233	After	Interior Girder 1	51.1133	0.95	1	1	6.145693
Overweight Permit_str	BOBJ1	163.8233	After	Interior Girder 2	51.1133	0.95	1	1	5.407253
Overweight Permit_str	BOBJ1	163.8233	After	Interior Girder 3	51.1133	0.95	1	1	4.603061
Overweight Permit_str	BOBJ1	163.8233	After	Interior Girder 4	51.1133	0.95	1	1	4.603061
Overweight Permit_str	BOBJ1	163.8233	After	Interior Girder 5	51.1133	0.95	1	1	5.407253
Overweight Permit_str	BOBJ1	163.8233	After	Interior Girder 6	51.1133	0.95	1	1	6.145693
Overweight Permit_str	BOBJ1	163.8233	After	Right Exterior Girder	51.1133	0.95	1	1	5.355284
Overweight Permit_str	BOBJ1	164.71	Before	Left Exterior Girder	52	0.95	1	1	5.345923
Overweight Permit_str	BOBJ1	164.71	Before	Right Exterior Girder	52	0.95	1	1	5.345923
Overweight Permit_str	BOBJ1	164.71	After	Left Exterior Girder	52	0.95	1	1	6.158404
Overweight Permit_str	BOBJ1	164.71	After	Right Exterior Girder	52	0.95	1	1	6.158404
Overweight Permit_str	BOBJ1	170.21	Before	Left Exterior Girder	57.5	0.95	1	1	6.0863
Overweight Permit_str	BOBJ1	170.21	Before	Interior Girder 1	57.5	0.95	1	1	5.432894
Overweight Permit_str	BOBJ1	170.21	Before	Interior Girder 2	57.5	0.95	1	1	5.316071
Overweight Permit_str	BOBJ1	170.21	Before	Interior Girder 3	57.5	0.95	1	1	4.524039
Overweight Permit_str	BOBJ1	170.21	Before	Interior Girder 4	57.5	0.95	1	1	4.524039
Overweight Permit_str	BOBJ1	170.21	Before	Interior Girder 5	57.5	0.95	1	1	5.316071
Overweight Permit_str	BOBJ1	170.21	Before	Interior Girder 6	57.5	0.95	1	1	5.432894
Overweight Permit_str	BOBJ1	170.21	Before	Right Exterior Girder	57.5	0.95	1	1	6.0863
Overweight Permit_str	BOBJ1	170.21	After	Left Exterior Girder	0	0.95	1	1	5.492236
Overweight Permit_str	BOBJ1	170.21	After	Interior Girder 1	0	0.95	1	1	5.044572
Overweight Permit_str	BOBJ1	170.21	After	Interior Girder 2	0	0.95	1	1	5.002034
Overweight Permit_str	BOBJ1	170.21	After	Interior Girder 3	0	0.95	1	1	4.272906
Overweight Permit_str	BOBJ1	170.21	After	Interior Girder 4	0	0.95	1	1	4.272906
Overweight Permit_str	BOBJ1	170.21	After	Interior Girder 5	0	0.95	1	1	5.002034
Overweight Permit_str	BOBJ1	170.21	After	Interior Girder 6	0	0.95	1	1	5.044572
Overweight Permit_str	BOBJ1	170.21	After	Right Exterior Girder	0	0.95	1	1	5.492236
Overweight Permit_str	BOBJ1	176.21	Before	Left Exterior Girder	6	0.95	1	1	5.565396
Overweight Permit_str	BOBJ1	176.21	Before	Right Exterior Girder	6	0.95	1	1	5.565396
Overweight Permit_str	BOBJ1	176.21	After	Left Exterior Girder	6	0.95	1	1	3.854698
Overweight Permit_str	BOBJ1	176.21	After	Right Exterior Girder	6	0.95	1	1	3.854698
Overweight Permit_str	BOBJ1	176.6	Before	Left Exterior Girder	6.39	0.95	1	1	3.857902
Overweight Permit_str	BOBJ1	176.6	Before	Interior Girder 1	6.39	0.95	1	1	6.899383
Overweight Permit_str	BOBJ1	176.6	Before	Interior Girder 2	6.39	0.95	1	1	5.090011
Overweight Permit_str	BOBJ1	176.6	Before	Interior Girder 3	6.39	0.95	1	1	4.349396
Overweight Permit_str	BOBJ1	176.6	Before	Interior Girder 4	6.39	0.95	1	1	4.349396
Overweight Permit_str	BOBJ1	176.6	Before	Interior Girder 5	6.39	0.95	1	1	5.090011
Overweight Permit_str	BOBJ1	176.6	Before	Interior Girder 6	6.39	0.95	1	1	6.899383
Overweight Permit_str	BOBJ1	176.6	Before	Right Exterior Girder	6.39	0.95	1	1	3.857902
Overweight Permit_str	BOBJ1	176.6	After	Left Exterior Girder	6.39	0.95	1	1	6.264349
Overweight Permit_str	BOBJ1	176.6	After	Interior Girder 1	6.39	0.95	1	1	6.613636
Overweight Permit_str	BOBJ1	176.6	After	Interior Girder 2	6.39	0.95	1	1	6.661697
Overweight Permit_str	BOBJ1	176.6	After	Interior Girder 3	6.39	0.95	1	1	5.84619

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Approach, Span 16-19									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Overweight Permit_str	BOBJ1	176.6	After	Interior Girder 4	6.39	0.95	1	1	5.84619
Overweight Permit_str	BOBJ1	176.6	After	Interior Girder 5	6.39	0.95	1	1	6.661697
Overweight Permit_str	BOBJ1	176.6	After	Interior Girder 6	6.39	0.95	1	1	6.613636
Overweight Permit_str	BOBJ1	176.6	After	Right Exterior Girder	6.39	0.95	1	1	6.264349
Overweight Permit_str	BOBJ1	182.99	Before	Left Exterior Girder	12.78	0.95	1	1	6.342958
Overweight Permit_str	BOBJ1	182.99	Before	Interior Girder 1	12.78	0.95	1	1	6.728368
Overweight Permit_str	BOBJ1	182.99	Before	Interior Girder 2	12.78	0.95	1	1	6.776355
Overweight Permit_str	BOBJ1	182.99	Before	Interior Girder 3	12.78	0.95	1	1	5.948116
Overweight Permit_str	BOBJ1	182.99	Before	Interior Girder 4	12.78	0.95	1	1	5.948116
Overweight Permit_str	BOBJ1	182.99	Before	Interior Girder 5	12.78	0.95	1	1	6.776355
Overweight Permit_str	BOBJ1	182.99	Before	Interior Girder 6	12.78	0.95	1	1	6.728368
Overweight Permit_str	BOBJ1	182.99	Before	Right Exterior Girder	12.78	0.95	1	1	6.342958
Overweight Permit_str	BOBJ1	182.99	After	Left Exterior Girder	12.78	0.95	1	1	7.544661
Overweight Permit_str	BOBJ1	182.99	After	Interior Girder 1	12.78	0.95	1	1	8.684027
Overweight Permit_str	BOBJ1	182.99	After	Interior Girder 2	12.78	0.95	1	1	8.816529
Overweight Permit_str	BOBJ1	182.99	After	Interior Girder 3	12.78	0.95	1	1	7.998712
Overweight Permit_str	BOBJ1	182.99	After	Interior Girder 4	12.78	0.95	1	1	7.998712
Overweight Permit_str	BOBJ1	182.99	After	Interior Girder 5	12.78	0.95	1	1	8.816529
Overweight Permit_str	BOBJ1	182.99	After	Interior Girder 6	12.78	0.95	1	1	8.684027
Overweight Permit_str	BOBJ1	182.99	After	Right Exterior Girder	12.78	0.95	1	1	7.544661
Overweight Permit_str	BOBJ1	189.38	Before	Left Exterior Girder	19.17	0.95	1	1	7.635974
Overweight Permit_str	BOBJ1	189.38	Before	Interior Girder 1	19.17	0.95	1	1	8.831509
Overweight Permit_str	BOBJ1	189.38	Before	Interior Girder 2	19.17	0.95	1	1	8.964901
Overweight Permit_str	BOBJ1	189.38	Before	Interior Girder 3	19.17	0.95	1	1	8.134761
Overweight Permit_str	BOBJ1	189.38	Before	Interior Girder 4	19.17	0.95	1	1	8.134761
Overweight Permit_str	BOBJ1	189.38	Before	Interior Girder 5	19.17	0.95	1	1	8.964901
Overweight Permit_str	BOBJ1	189.38	Before	Interior Girder 6	19.17	0.95	1	1	8.831509
Overweight Permit_str	BOBJ1	189.38	Before	Right Exterior Girder	19.17	0.95	1	1	7.635974
Overweight Permit_str	BOBJ1	189.38	After	Left Exterior Girder	19.17	0.95	1	1	11.360917
Overweight Permit_str	BOBJ1	189.38	After	Interior Girder 1	19.17	0.95	1	1	8.423509
Overweight Permit_str	BOBJ1	189.38	After	Interior Girder 2	19.17	0.95	1	1	8.05042
Overweight Permit_str	BOBJ1	189.38	After	Interior Girder 3	19.17	0.95	1	1	7.256666
Overweight Permit_str	BOBJ1	189.38	After	Interior Girder 4	19.17	0.95	1	1	7.256666
Overweight Permit_str	BOBJ1	189.38	After	Interior Girder 5	19.17	0.95	1	1	8.05042
Overweight Permit_str	BOBJ1	189.38	After	Interior Girder 6	19.17	0.95	1	1	8.423509
Overweight Permit_str	BOBJ1	189.38	After	Right Exterior Girder	19.17	0.95	1	1	11.360917
Overweight Permit_str	BOBJ1	195.77	Before	Left Exterior Girder	25.56	0.95	1	1	11.493984
Overweight Permit_str	BOBJ1	195.77	Before	Interior Girder 1	25.56	0.95	1	1	8.562851
Overweight Permit_str	BOBJ1	195.77	Before	Interior Girder 2	25.56	0.95	1	1	8.183427
Overweight Permit_str	BOBJ1	195.77	Before	Interior Girder 3	25.56	0.95	1	1	7.376501
Overweight Permit_str	BOBJ1	195.77	Before	Interior Girder 4	25.56	0.95	1	1	7.376501
Overweight Permit_str	BOBJ1	195.77	Before	Interior Girder 5	25.56	0.95	1	1	8.183427
Overweight Permit_str	BOBJ1	195.77	Before	Interior Girder 6	25.56	0.95	1	1	8.562851
Overweight Permit_str	BOBJ1	195.77	Before	Right Exterior Girder	25.56	0.95	1	1	11.493984
Overweight Permit_str	BOBJ1	195.77	After	Left Exterior Girder	25.56	0.95	1	1	14.90004
Overweight Permit_str	BOBJ1	195.77	After	Interior Girder 1	25.56	0.95	1	1	12.11032
Overweight Permit_str	BOBJ1	195.77	After	Interior Girder 2	25.56	0.95	1	1	11.652884
Overweight Permit_str	BOBJ1	195.77	After	Interior Girder 3	25.56	0.95	1	1	10.591561
Overweight Permit_str	BOBJ1	195.77	After	Interior Girder 4	25.56	0.95	1	1	10.591561
Overweight Permit_str	BOBJ1	195.77	After	Interior Girder 5	25.56	0.95	1	1	11.652884
Overweight Permit_str	BOBJ1	195.77	After	Interior Girder 6	25.56	0.95	1	1	12.11032
Overweight Permit_str	BOBJ1	195.77	After	Right Exterior Girder	25.56	0.95	1	1	14.90004
Overweight Permit_str	BOBJ1	202.16	Before	Left Exterior Girder	31.95	0.95	1	1	15.068866
Overweight Permit_str	BOBJ1	202.16	Before	Interior Girder 1	31.95	0.95	1	1	12.306513
Overweight Permit_str	BOBJ1	202.16	Before	Interior Girder 2	31.95	0.95	1	1	11.841125
Overweight Permit_str	BOBJ1	202.16	Before	Interior Girder 3	31.95	0.95	1	1	10.762563
Overweight Permit_str	BOBJ1	202.16	Before	Interior Girder 4	31.95	0.95	1	1	10.762563
Overweight Permit_str	BOBJ1	202.16	Before	Interior Girder 5	31.95	0.95	1	1	11.841125
Overweight Permit_str	BOBJ1	202.16	Before	Interior Girder 6	31.95	0.95	1	1	12.306513
Overweight Permit_str	BOBJ1	202.16	Before	Right Exterior Girder	31.95	0.95	1	1	15.068866
Overweight Permit_str	BOBJ1	202.16	After	Left Exterior Girder	31.95	0.95	1	1	21.183665
Overweight Permit_str	BOBJ1	202.16	After	Interior Girder 1	31.95	0.95	1	1	13.042244
Overweight Permit_str	BOBJ1	202.16	After	Interior Girder 2	31.95	0.95	1	1	11.827106
Overweight Permit_str	BOBJ1	202.16	After	Interior Girder 3	31.95	0.95	1	1	10.458748
Overweight Permit_str	BOBJ1	202.16	After	Interior Girder 4	31.95	0.95	1	1	10.458748

TABLE: Bridge Super Rating AASHTORATE18 24 - SteelINonCompStrgth-Shr - Approach, Span 16-19									
Request	BridgeObj	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	V2Rating
Text	Text	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Overweight Permit_str	BOBJ1	202.16	After	Interior Girder 5	31.95	0.95	1	1	11.827106
Overweight Permit_str	BOBJ1	202.16	After	Interior Girder 6	31.95	0.95	1	1	13.042244
Overweight Permit_str	BOBJ1	202.16	After	Right Exterior Girder	31.95	0.95	1	1	21.183665
Overweight Permit_str	BOBJ1	208.55	Before	Left Exterior Girder	38.34	0.95	1	1	21.416173
Overweight Permit_str	BOBJ1	208.55	Before	Interior Girder 1	38.34	0.95	1	1	12.83953
Overweight Permit_str	BOBJ1	208.55	Before	Interior Girder 2	38.34	0.95	1	1	11.642495
Overweight Permit_str	BOBJ1	208.55	Before	Interior Girder 3	38.34	0.95	1	1	10.295465
Overweight Permit_str	BOBJ1	208.55	Before	Interior Girder 4	38.34	0.95	1	1	10.295465
Overweight Permit_str	BOBJ1	208.55	Before	Interior Girder 5	38.34	0.95	1	1	11.642495
Overweight Permit_str	BOBJ1	208.55	Before	Interior Girder 6	38.34	0.95	1	1	12.83953
Overweight Permit_str	BOBJ1	208.55	Before	Right Exterior Girder	38.34	0.95	1	1	21.416173
Overweight Permit_str	BOBJ1	208.55	After	Left Exterior Girder	38.34	0.95	1	1	13.758669
Overweight Permit_str	BOBJ1	208.55	After	Interior Girder 1	38.34	0.95	1	1	14.692911
Overweight Permit_str	BOBJ1	208.55	After	Interior Girder 2	38.34	0.95	1	1	14.711411
Overweight Permit_str	BOBJ1	208.55	After	Interior Girder 3	38.34	0.95	1	1	13.510042
Overweight Permit_str	BOBJ1	208.55	After	Interior Girder 4	38.34	0.95	1	1	13.510042
Overweight Permit_str	BOBJ1	208.55	After	Interior Girder 5	38.34	0.95	1	1	14.711411
Overweight Permit_str	BOBJ1	208.55	After	Interior Girder 6	38.34	0.95	1	1	14.692911
Overweight Permit_str	BOBJ1	208.55	After	Right Exterior Girder	38.34	0.95	1	1	13.758669
Overweight Permit_str	BOBJ1	215.1233	Before	Left Exterior Girder	44.9133	0.95	1	1	13.600307
Overweight Permit_str	BOBJ1	215.1233	Before	Interior Girder 1	44.9133	0.95	1	1	14.45031
Overweight Permit_str	BOBJ1	215.1233	Before	Interior Girder 2	44.9133	0.95	1	1	14.470052
Overweight Permit_str	BOBJ1	215.1233	Before	Interior Girder 3	44.9133	0.95	1	1	13.644525
Overweight Permit_str	BOBJ1	215.1233	Before	Interior Girder 4	44.9133	0.95	1	1	13.644525
Overweight Permit_str	BOBJ1	215.1233	Before	Interior Girder 5	44.9133	0.95	1	1	14.470052
Overweight Permit_str	BOBJ1	215.1233	Before	Interior Girder 6	44.9133	0.95	1	1	14.45031
Overweight Permit_str	BOBJ1	215.1233	Before	Right Exterior Girder	44.9133	0.95	1	1	13.600307
Overweight Permit_str	BOBJ1	215.1233	After	Left Exterior Girder	44.9133	0.95	1	1	10.536255
Overweight Permit_str	BOBJ1	215.1233	After	Interior Girder 1	44.9133	0.95	1	1	10.000967
Overweight Permit_str	BOBJ1	215.1233	After	Interior Girder 2	44.9133	0.95	1	1	10.087348
Overweight Permit_str	BOBJ1	215.1233	After	Interior Girder 3	44.9133	0.95	1	1	9.123029
Overweight Permit_str	BOBJ1	215.1233	After	Interior Girder 4	44.9133	0.95	1	1	9.123029
Overweight Permit_str	BOBJ1	215.1233	After	Interior Girder 5	44.9133	0.95	1	1	10.087348
Overweight Permit_str	BOBJ1	215.1233	After	Interior Girder 6	44.9133	0.95	1	1	10.000967
Overweight Permit_str	BOBJ1	215.1233	After	Right Exterior Girder	44.9133	0.95	1	1	10.536255
Overweight Permit_str	BOBJ1	221.6967	Before	Left Exterior Girder	51.4867	0.95	1	1	10.410866
Overweight Permit_str	BOBJ1	221.6967	Before	Interior Girder 1	51.4867	0.95	1	1	9.832213
Overweight Permit_str	BOBJ1	221.6967	Before	Interior Girder 2	51.4867	0.95	1	1	9.918044
Overweight Permit_str	BOBJ1	221.6967	Before	Interior Girder 3	51.4867	0.95	1	1	8.969626
Overweight Permit_str	BOBJ1	221.6967	Before	Interior Girder 4	51.4867	0.95	1	1	8.969626
Overweight Permit_str	BOBJ1	221.6967	Before	Interior Girder 5	51.4867	0.95	1	1	9.918044
Overweight Permit_str	BOBJ1	221.6967	Before	Interior Girder 6	51.4867	0.95	1	1	9.832213
Overweight Permit_str	BOBJ1	221.6967	Before	Right Exterior Girder	51.4867	0.95	1	1	10.410866
Overweight Permit_str	BOBJ1	221.6967	After	Left Exterior Girder	51.4867	0.95	1	1	8.285214
Overweight Permit_str	BOBJ1	221.6967	After	Interior Girder 1	51.4867	0.95	1	1	6.920357
Overweight Permit_str	BOBJ1	221.6967	After	Interior Girder 2	51.4867	0.95	1	1	6.829011
Overweight Permit_str	BOBJ1	221.6967	After	Interior Girder 3	51.4867	0.95	1	1	6.10366
Overweight Permit_str	BOBJ1	221.6967	After	Interior Girder 4	51.4867	0.95	1	1	6.10366
Overweight Permit_str	BOBJ1	221.6967	After	Interior Girder 5	51.4867	0.95	1	1	6.829011
Overweight Permit_str	BOBJ1	221.6967	After	Interior Girder 6	51.4867	0.95	1	1	6.920357
Overweight Permit_str	BOBJ1	221.6967	After	Right Exterior Girder	51.4867	0.95	1	1	8.285214
Overweight Permit_str	BOBJ1	228.27	Before	Left Exterior Girder	58.06	0.95	1	1	8.183031
Overweight Permit_str	BOBJ1	228.27	Before	Interior Girder 1	58.06	0.95	1	1	6.801106
Overweight Permit_str	BOBJ1	228.27	Before	Interior Girder 2	58.06	0.95	1	1	6.711771
Overweight Permit_str	BOBJ1	228.27	Before	Interior Girder 3	58.06	0.95	1	1	5.998514
Overweight Permit_str	BOBJ1	228.27	Before	Interior Girder 4	58.06	0.95	1	1	5.998514
Overweight Permit_str	BOBJ1	228.27	Before	Interior Girder 5	58.06	0.95	1	1	6.711771
Overweight Permit_str	BOBJ1	228.27	Before	Interior Girder 6	58.06	0.95	1	1	6.801106
Overweight Permit_str	BOBJ1	228.27	Before	Right Exterior Girder	58.06	0.95	1	1	8.183031

TABLE: Bridge Super Rating AASHTORATE18 31 - SteelICompServ-Flx - Approach, Span 16-19										
Request	BridgeObj	BridgeCut	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	Unitless	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
HL93_serv_opr	BOBJ1	1	0	After	Left Exterior Girder	0	0.95	1	1	704.481789
HL93_serv_opr	BOBJ1	1	0	After	Interior Girder 1	0	0.95	1	1	496.549127
HL93_serv_opr	BOBJ1	1	0	After	Interior Girder 2	0	0.95	1	1	298.562562
HL93_serv_opr	BOBJ1	1	0	After	Interior Girder 3	0	0.95	1	1	241.406907
HL93_serv_opr	BOBJ1	1	0	After	Interior Girder 4	0	0.95	1	1	241.406908
HL93_serv_opr	BOBJ1	1	0	After	Interior Girder 5	0	0.95	1	1	298.562565
HL93_serv_opr	BOBJ1	1	0	After	Interior Girder 6	0	0.95	1	1	496.549126
HL93_serv_opr	BOBJ1	1	0	After	Right Exterior Girder	0	0.95	1	1	704.481789
HL93_serv_opr	BOBJ1	2	5.3833	Before	Left Exterior Girder	5.3833	0.95	1	1	9.979233
HL93_serv_opr	BOBJ1	2	5.3833	Before	Interior Girder 1	5.3833	0.95	1	1	6.493016
HL93_serv_opr	BOBJ1	2	5.3833	Before	Interior Girder 2	5.3833	0.95	1	1	6.162116
HL93_serv_opr	BOBJ1	2	5.3833	Before	Interior Girder 3	5.3833	0.95	1	1	5.414193
HL93_serv_opr	BOBJ1	2	5.3833	Before	Interior Girder 4	5.3833	0.95	1	1	5.414193
HL93_serv_opr	BOBJ1	2	5.3833	Before	Interior Girder 5	5.3833	0.95	1	1	6.162116
HL93_serv_opr	BOBJ1	2	5.3833	Before	Interior Girder 6	5.3833	0.95	1	1	6.493016
HL93_serv_opr	BOBJ1	2	5.3833	Before	Right Exterior Girder	5.3833	0.95	1	1	9.979233
HL93_serv_opr	BOBJ1	3	5.3833	After	Left Exterior Girder	5.3833	0.95	1	1	10.099211
HL93_serv_opr	BOBJ1	3	5.3833	After	Interior Girder 1	5.3833	0.95	1	1	6.505743
HL93_serv_opr	BOBJ1	3	5.3833	After	Interior Girder 2	5.3833	0.95	1	1	6.256803
HL93_serv_opr	BOBJ1	3	5.3833	After	Interior Girder 3	5.3833	0.95	1	1	5.595648
HL93_serv_opr	BOBJ1	3	5.3833	After	Interior Girder 4	5.3833	0.95	1	1	5.595648
HL93_serv_opr	BOBJ1	3	5.3833	After	Interior Girder 5	5.3833	0.95	1	1	6.256803
HL93_serv_opr	BOBJ1	3	5.3833	After	Interior Girder 6	5.3833	0.95	1	1	6.505743
HL93_serv_opr	BOBJ1	3	5.3833	After	Right Exterior Girder	5.3833	0.95	1	1	10.099211
HL93_serv_opr	BOBJ1	4	10.7667	Before	Left Exterior Girder	10.7667	0.95	1	1	5.521137
HL93_serv_opr	BOBJ1	4	10.7667	Before	Interior Girder 1	10.7667	0.95	1	1	4.176962
HL93_serv_opr	BOBJ1	4	10.7667	Before	Interior Girder 2	10.7667	0.95	1	1	3.921395
HL93_serv_opr	BOBJ1	4	10.7667	Before	Interior Girder 3	10.7667	0.95	1	1	3.730806
HL93_serv_opr	BOBJ1	4	10.7667	Before	Interior Girder 4	10.7667	0.95	1	1	3.730806
HL93_serv_opr	BOBJ1	4	10.7667	Before	Interior Girder 5	10.7667	0.95	1	1	3.921395
HL93_serv_opr	BOBJ1	4	10.7667	Before	Interior Girder 6	10.7667	0.95	1	1	4.176962
HL93_serv_opr	BOBJ1	4	10.7667	Before	Right Exterior Girder	10.7667	0.95	1	1	5.521137
HL93_serv_opr	BOBJ1	5	10.7667	After	Left Exterior Girder	10.7667	0.95	1	1	5.483203
HL93_serv_opr	BOBJ1	5	10.7667	After	Interior Girder 1	10.7667	0.95	1	1	4.191932
HL93_serv_opr	BOBJ1	5	10.7667	After	Interior Girder 2	10.7667	0.95	1	1	3.980139
HL93_serv_opr	BOBJ1	5	10.7667	After	Interior Girder 3	10.7667	0.95	1	1	3.799699
HL93_serv_opr	BOBJ1	5	10.7667	After	Interior Girder 4	10.7667	0.95	1	1	3.799699
HL93_serv_opr	BOBJ1	5	10.7667	After	Interior Girder 5	10.7667	0.95	1	1	3.980139
HL93_serv_opr	BOBJ1	5	10.7667	After	Interior Girder 6	10.7667	0.95	1	1	4.191932
HL93_serv_opr	BOBJ1	5	10.7667	After	Right Exterior Girder	10.7667	0.95	1	1	5.483203
HL93_serv_opr	BOBJ1	6	16.15	Before	Left Exterior Girder	16.15	0.95	1	1	4.253201
HL93_serv_opr	BOBJ1	6	16.15	Before	Interior Girder 1	16.15	0.95	1	1	3.821061
HL93_serv_opr	BOBJ1	6	16.15	Before	Interior Girder 2	16.15	0.95	1	1	3.558266
HL93_serv_opr	BOBJ1	6	16.15	Before	Interior Girder 3	16.15	0.95	1	1	3.449277
HL93_serv_opr	BOBJ1	6	16.15	Before	Interior Girder 4	16.15	0.95	1	1	3.449277
HL93_serv_opr	BOBJ1	6	16.15	Before	Interior Girder 5	16.15	0.95	1	1	3.558266
HL93_serv_opr	BOBJ1	6	16.15	Before	Interior Girder 6	16.15	0.95	1	1	3.821061
HL93_serv_opr	BOBJ1	6	16.15	Before	Right Exterior Girder	16.15	0.95	1	1	4.253201
HL93_serv_opr	BOBJ1	7	16.15	After	Left Exterior Girder	16.15	0.95	1	1	4.266418
HL93_serv_opr	BOBJ1	7	16.15	After	Interior Girder 1	16.15	0.95	1	1	3.8113
HL93_serv_opr	BOBJ1	7	16.15	After	Interior Girder 2	16.15	0.95	1	1	3.565565
HL93_serv_opr	BOBJ1	7	16.15	After	Interior Girder 3	16.15	0.95	1	1	3.46166
HL93_serv_opr	BOBJ1	7	16.15	After	Interior Girder 4	16.15	0.95	1	1	3.46166
HL93_serv_opr	BOBJ1	7	16.15	After	Interior Girder 5	16.15	0.95	1	1	3.565565
HL93_serv_opr	BOBJ1	7	16.15	After	Interior Girder 6	16.15	0.95	1	1	3.8113
HL93_serv_opr	BOBJ1	7	16.15	After	Right Exterior Girder	16.15	0.95	1	1	4.266418
HL93_serv_opr	BOBJ1	8	22.1267	Before	Left Exterior Girder	22.1267	0.95	1	1	4.643777
HL93_serv_opr	BOBJ1	8	22.1267	Before	Interior Girder 1	22.1267	0.95	1	1	3.668642
HL93_serv_opr	BOBJ1	8	22.1267	Before	Interior Girder 2	22.1267	0.95	1	1	3.473317
HL93_serv_opr	BOBJ1	8	22.1267	Before	Interior Girder 3	22.1267	0.95	1	1	3.328137
HL93_serv_opr	BOBJ1	8	22.1267	Before	Interior Girder 4	22.1267	0.95	1	1	3.328137
HL93_serv_opr	BOBJ1	8	22.1267	Before	Interior Girder 5	22.1267	0.95	1	1	3.473317
HL93_serv_opr	BOBJ1	8	22.1267	Before	Interior Girder 6	22.1267	0.95	1	1	3.668642
HL93_serv_opr	BOBJ1	8	22.1267	Before	Right Exterior Girder	22.1267	0.95	1	1	4.643777
HL93_serv_opr	BOBJ1	9	22.1267	After	Left Exterior Girder	22.1267	0.95	1	1	4.686527
HL93_serv_opr	BOBJ1	9	22.1267	After	Interior Girder 1	22.1267	0.95	1	1	3.655651
HL93_serv_opr	BOBJ1	9	22.1267	After	Interior Girder 2	22.1267	0.95	1	1	3.456827
HL93_serv_opr	BOBJ1	9	22.1267	After	Interior Girder 3	22.1267	0.95	1	1	3.306323
HL93_serv_opr	BOBJ1	9	22.1267	After	Interior Girder 4	22.1267	0.95	1	1	3.306323
HL93_serv_opr	BOBJ1	9	22.1267	After	Interior Girder 5	22.1267	0.95	1	1	3.456827
HL93_serv_opr	BOBJ1	9	22.1267	After	Interior Girder 6	22.1267	0.95	1	1	3.655651
HL93_serv_opr	BOBJ1	9	22.1267	After	Right Exterior Girder	22.1267	0.95	1	1	4.686527
HL93_serv_opr	BOBJ1	10	28.1033	Before	Left Exterior Girder	28.1033	0.95	1	1	5.717856

TABLE: Bridge Super Rating AASHTORATE18 31 - SteelICompServ-Flx - Approach, Span 16-19										
Request	BridgeObj	BridgeCut	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	Unitless	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
HL93_serv_opr	BOBJ1	10	28.1033	Before	Interior Girder 1	28.1033	0.95	1	1	4.259007
HL93_serv_opr	BOBJ1	10	28.1033	Before	Interior Girder 2	28.1033	0.95	1	1	4.045906
HL93_serv_opr	BOBJ1	10	28.1033	Before	Interior Girder 3	28.1033	0.95	1	1	3.898266
HL93_serv_opr	BOBJ1	10	28.1033	Before	Interior Girder 4	28.1033	0.95	1	1	3.898266
HL93_serv_opr	BOBJ1	10	28.1033	Before	Interior Girder 5	28.1033	0.95	1	1	4.045906
HL93_serv_opr	BOBJ1	10	28.1033	Before	Interior Girder 6	28.1033	0.95	1	1	4.259007
HL93_serv_opr	BOBJ1	10	28.1033	Before	Right Exterior Girder	28.1033	0.95	1	1	5.717856
HL93_serv_opr	BOBJ1	11	28.1033	After	Left Exterior Girder	28.1033	0.95	1	1	5.646864
HL93_serv_opr	BOBJ1	11	28.1033	After	Interior Girder 1	28.1033	0.95	1	1	4.289366
HL93_serv_opr	BOBJ1	11	28.1033	After	Interior Girder 2	28.1033	0.95	1	1	4.043748
HL93_serv_opr	BOBJ1	11	28.1033	After	Interior Girder 3	28.1033	0.95	1	1	3.86211
HL93_serv_opr	BOBJ1	11	28.1033	After	Interior Girder 4	28.1033	0.95	1	1	3.86211
HL93_serv_opr	BOBJ1	11	28.1033	After	Interior Girder 5	28.1033	0.95	1	1	4.043748
HL93_serv_opr	BOBJ1	11	28.1033	After	Interior Girder 6	28.1033	0.95	1	1	4.289366
HL93_serv_opr	BOBJ1	11	28.1033	After	Right Exterior Girder	28.1033	0.95	1	1	5.646864
HL93_serv_opr	BOBJ1	12	34.08	Before	Left Exterior Girder	34.08	0.95	1	1	4.157773
HL93_serv_opr	BOBJ1	12	34.08	Before	Interior Girder 1	34.08	0.95	1	1	4.156059
HL93_serv_opr	BOBJ1	12	34.08	Before	Interior Girder 2	34.08	0.95	1	1	4.140493
HL93_serv_opr	BOBJ1	12	34.08	Before	Interior Girder 3	34.08	0.95	1	1	4.32928
HL93_serv_opr	BOBJ1	12	34.08	Before	Interior Girder 4	34.08	0.95	1	1	4.32928
HL93_serv_opr	BOBJ1	12	34.08	Before	Interior Girder 5	34.08	0.95	1	1	4.140493
HL93_serv_opr	BOBJ1	12	34.08	Before	Interior Girder 6	34.08	0.95	1	1	4.156059
HL93_serv_opr	BOBJ1	12	34.08	Before	Right Exterior Girder	34.08	0.95	1	1	4.157773
HL93_serv_opr	BOBJ1	13	34.08	After	Left Exterior Girder	34.08	0.95	1	1	4.198733
HL93_serv_opr	BOBJ1	13	34.08	After	Interior Girder 1	34.08	0.95	1	1	4.11729
HL93_serv_opr	BOBJ1	13	34.08	After	Interior Girder 2	34.08	0.95	1	1	4.116688
HL93_serv_opr	BOBJ1	13	34.08	After	Interior Girder 3	34.08	0.95	1	1	4.334114
HL93_serv_opr	BOBJ1	13	34.08	After	Interior Girder 4	34.08	0.95	1	1	4.334114
HL93_serv_opr	BOBJ1	13	34.08	After	Interior Girder 5	34.08	0.95	1	1	4.116688
HL93_serv_opr	BOBJ1	13	34.08	After	Interior Girder 6	34.08	0.95	1	1	4.11729
HL93_serv_opr	BOBJ1	13	34.08	After	Right Exterior Girder	34.08	0.95	1	1	4.198733
HL93_serv_opr	BOBJ1	14	39.855	Before	Left Exterior Girder	39.855	0.95	1	1	2.820432
HL93_serv_opr	BOBJ1	14	39.855	Before	Interior Girder 1	39.855	0.95	1	1	3.093407
HL93_serv_opr	BOBJ1	14	39.855	Before	Interior Girder 2	39.855	0.95	1	1	3.036199
HL93_serv_opr	BOBJ1	14	39.855	Before	Interior Girder 3	39.855	0.95	1	1	2.947037
HL93_serv_opr	BOBJ1	14	39.855	Before	Interior Girder 4	39.855	0.95	1	1	2.947037
HL93_serv_opr	BOBJ1	14	39.855	Before	Interior Girder 5	39.855	0.95	1	1	3.036199
HL93_serv_opr	BOBJ1	14	39.855	Before	Interior Girder 6	39.855	0.95	1	1	3.093407
HL93_serv_opr	BOBJ1	14	39.855	Before	Right Exterior Girder	39.855	0.95	1	1	2.820432
HL93_serv_opr	BOBJ1	15	39.855	After	Left Exterior Girder	39.855	0.95	1	1	2.872481
HL93_serv_opr	BOBJ1	15	39.855	After	Interior Girder 1	39.855	0.95	1	1	3.045152
HL93_serv_opr	BOBJ1	15	39.855	After	Interior Girder 2	39.855	0.95	1	1	3.01279
HL93_serv_opr	BOBJ1	15	39.855	After	Interior Girder 3	39.855	0.95	1	1	2.944552
HL93_serv_opr	BOBJ1	15	39.855	After	Interior Girder 4	39.855	0.95	1	1	2.944552
HL93_serv_opr	BOBJ1	15	39.855	After	Interior Girder 5	39.855	0.95	1	1	3.01279
HL93_serv_opr	BOBJ1	15	39.855	After	Interior Girder 6	39.855	0.95	1	1	3.045152
HL93_serv_opr	BOBJ1	15	39.855	After	Right Exterior Girder	39.855	0.95	1	1	2.872481
HL93_serv_opr	BOBJ1	16	40.0288	Before	Left Exterior Girder	40.0288	0.95	1	1	2.817394
HL93_serv_opr	BOBJ1	16	40.0288	Before	Right Exterior Girder	40.0288	0.95	1	1	2.817394
HL93_serv_opr	BOBJ1	17	40.0288	After	Left Exterior Girder	40.0288	0.95	1	1	4.054349
HL93_serv_opr	BOBJ1	17	40.0288	After	Right Exterior Girder	40.0288	0.95	1	1	4.054349
HL93_serv_opr	BOBJ1	18	45.63	Before	Left Exterior Girder	45.63	0.95	1	1	2.628356
HL93_serv_opr	BOBJ1	18	45.63	Before	Interior Girder 1	45.63	0.95	1	1	2.034762
HL93_serv_opr	BOBJ1	18	45.63	Before	Interior Girder 2	45.63	0.95	1	1	1.990796
HL93_serv_opr	BOBJ1	18	45.63	Before	Interior Girder 3	45.63	0.95	1	1	1.677589
HL93_serv_opr	BOBJ1	18	45.63	Before	Interior Girder 4	45.63	0.95	1	1	1.677589
HL93_serv_opr	BOBJ1	18	45.63	Before	Interior Girder 5	45.63	0.95	1	1	1.990796
HL93_serv_opr	BOBJ1	18	45.63	Before	Interior Girder 6	45.63	0.95	1	1	2.034762
HL93_serv_opr	BOBJ1	18	45.63	Before	Right Exterior Girder	45.63	0.95	1	1	2.628356
HL93_serv_opr	BOBJ1	19	45.63	After	Left Exterior Girder	0	0.95	1	1	2.608398
HL93_serv_opr	BOBJ1	19	45.63	After	Interior Girder 1	0	0.95	1	1	1.905236
HL93_serv_opr	BOBJ1	19	45.63	After	Interior Girder 2	0	0.95	1	1	1.877542
HL93_serv_opr	BOBJ1	19	45.63	After	Interior Girder 3	0	0.95	1	1	1.574341
HL93_serv_opr	BOBJ1	19	45.63	After	Interior Girder 4	0	0.95	1	1	1.574341
HL93_serv_opr	BOBJ1	19	45.63	After	Interior Girder 5	0	0.95	1	1	1.877542
HL93_serv_opr	BOBJ1	19	45.63	After	Interior Girder 6	0	0.95	1	1	1.905236
HL93_serv_opr	BOBJ1	19	45.63	After	Right Exterior Girder	0	0.95	1	1	2.608398
HL93_serv_opr	BOBJ1	20	50.6298	Before	Left Exterior Girder	4.9998	0.95	1	1	6.39541
HL93_serv_opr	BOBJ1	20	50.6298	Before	Right Exterior Girder	4.9998	0.95	1	1	6.39541
HL93_serv_opr	BOBJ1	21	50.6298	After	Left Exterior Girder	4.9998	0.95	1	1	4.243194
HL93_serv_opr	BOBJ1	21	50.6298	After	Right Exterior Girder	4.9998	0.95	1	1	4.243194
HL93_serv_opr	BOBJ1	22	51.4	Before	Left Exterior Girder	5.77	0.95	1	1	5.045667
HL93_serv_opr	BOBJ1	22	51.4	Before	Interior Girder 1	5.77	0.95	1	1	4.739312

TABLE: Bridge Super Rating AASHTORATE18 31 - SteelICompServ-Flx - Approach, Span 16-19										
Request	BridgeObj	BridgeCut	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	Unitless	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
HL93_serv_opr	BOBJ1	22	51.4	Before	Interior Girder 2	5.77	0.95	1	1	4.484212
HL93_serv_opr	BOBJ1	22	51.4	Before	Interior Girder 3	5.77	0.95	1	1	4.171876
HL93_serv_opr	BOBJ1	22	51.4	Before	Interior Girder 4	5.77	0.95	1	1	4.171876
HL93_serv_opr	BOBJ1	22	51.4	Before	Interior Girder 5	5.77	0.95	1	1	4.484212
HL93_serv_opr	BOBJ1	22	51.4	Before	Interior Girder 6	5.77	0.95	1	1	4.739312
HL93_serv_opr	BOBJ1	22	51.4	Before	Right Exterior Girder	5.77	0.95	1	1	5.045667
HL93_serv_opr	BOBJ1	23	51.4	After	Left Exterior Girder	5.77	0.95	1	1	4.937056
HL93_serv_opr	BOBJ1	23	51.4	After	Interior Girder 1	5.77	0.95	1	1	4.827022
HL93_serv_opr	BOBJ1	23	51.4	After	Interior Girder 2	5.77	0.95	1	1	4.474622
HL93_serv_opr	BOBJ1	23	51.4	After	Interior Girder 3	5.77	0.95	1	1	4.122418
HL93_serv_opr	BOBJ1	23	51.4	After	Interior Girder 4	5.77	0.95	1	1	4.122418
HL93_serv_opr	BOBJ1	23	51.4	After	Interior Girder 5	5.77	0.95	1	1	4.474622
HL93_serv_opr	BOBJ1	23	51.4	After	Interior Girder 6	5.77	0.95	1	1	4.827022
HL93_serv_opr	BOBJ1	23	51.4	After	Right Exterior Girder	5.77	0.95	1	1	4.937056
HL93_serv_opr	BOBJ1	24	57.17	Before	Left Exterior Girder	11.54	0.95	1	1	8.282547
HL93_serv_opr	BOBJ1	24	57.17	Before	Interior Girder 1	11.54	0.95	1	1	7.326904
HL93_serv_opr	BOBJ1	24	57.17	Before	Interior Girder 2	11.54	0.95	1	1	6.836266
HL93_serv_opr	BOBJ1	24	57.17	Before	Interior Girder 3	11.54	0.95	1	1	7.257837
HL93_serv_opr	BOBJ1	24	57.17	Before	Interior Girder 4	11.54	0.95	1	1	7.257837
HL93_serv_opr	BOBJ1	24	57.17	Before	Interior Girder 5	11.54	0.95	1	1	6.836266
HL93_serv_opr	BOBJ1	24	57.17	Before	Interior Girder 6	11.54	0.95	1	1	7.326904
HL93_serv_opr	BOBJ1	24	57.17	Before	Right Exterior Girder	11.54	0.95	1	1	8.282547
HL93_serv_opr	BOBJ1	25	57.17	After	Left Exterior Girder	11.54	0.95	1	1	8.162929
HL93_serv_opr	BOBJ1	25	57.17	After	Interior Girder 1	11.54	0.95	1	1	7.403112
HL93_serv_opr	BOBJ1	25	57.17	After	Interior Girder 2	11.54	0.95	1	1	6.920122
HL93_serv_opr	BOBJ1	25	57.17	After	Interior Girder 3	11.54	0.95	1	1	7.280208
HL93_serv_opr	BOBJ1	25	57.17	After	Interior Girder 4	11.54	0.95	1	1	7.280208
HL93_serv_opr	BOBJ1	25	57.17	After	Interior Girder 5	11.54	0.95	1	1	6.920122
HL93_serv_opr	BOBJ1	25	57.17	After	Interior Girder 6	11.54	0.95	1	1	7.403112
HL93_serv_opr	BOBJ1	25	57.17	After	Right Exterior Girder	11.54	0.95	1	1	8.162929
HL93_serv_opr	BOBJ1	26	63.34	Before	Left Exterior Girder	17.71	0.95	1	1	5.476841
HL93_serv_opr	BOBJ1	26	63.34	Before	Interior Girder 1	17.71	0.95	1	1	4.299861
HL93_serv_opr	BOBJ1	26	63.34	Before	Interior Girder 2	17.71	0.95	1	1	4.053317
HL93_serv_opr	BOBJ1	26	63.34	Before	Interior Girder 3	17.71	0.95	1	1	3.88791
HL93_serv_opr	BOBJ1	26	63.34	Before	Interior Girder 4	17.71	0.95	1	1	3.88791
HL93_serv_opr	BOBJ1	26	63.34	Before	Interior Girder 5	17.71	0.95	1	1	4.053317
HL93_serv_opr	BOBJ1	26	63.34	Before	Interior Girder 6	17.71	0.95	1	1	4.299861
HL93_serv_opr	BOBJ1	26	63.34	Before	Right Exterior Girder	17.71	0.95	1	1	5.476841
HL93_serv_opr	BOBJ1	27	63.34	After	Left Exterior Girder	17.71	0.95	1	1	5.633416
HL93_serv_opr	BOBJ1	27	63.34	After	Interior Girder 1	17.71	0.95	1	1	4.231218
HL93_serv_opr	BOBJ1	27	63.34	After	Interior Girder 2	17.71	0.95	1	1	4.043633
HL93_serv_opr	BOBJ1	27	63.34	After	Interior Girder 3	17.71	0.95	1	1	3.94629
HL93_serv_opr	BOBJ1	27	63.34	After	Interior Girder 4	17.71	0.95	1	1	3.94629
HL93_serv_opr	BOBJ1	27	63.34	After	Interior Girder 5	17.71	0.95	1	1	4.043633
HL93_serv_opr	BOBJ1	27	63.34	After	Interior Girder 6	17.71	0.95	1	1	4.231218
HL93_serv_opr	BOBJ1	27	63.34	After	Right Exterior Girder	17.71	0.95	1	1	5.633416
HL93_serv_opr	BOBJ1	28	69.51	Before	Left Exterior Girder	23.88	0.95	1	1	3.490548
HL93_serv_opr	BOBJ1	28	69.51	Before	Interior Girder 1	23.88	0.95	1	1	3.024074
HL93_serv_opr	BOBJ1	28	69.51	Before	Interior Girder 2	23.88	0.95	1	1	2.922995
HL93_serv_opr	BOBJ1	28	69.51	Before	Interior Girder 3	23.88	0.95	1	1	2.877517
HL93_serv_opr	BOBJ1	28	69.51	Before	Interior Girder 4	23.88	0.95	1	1	2.877517
HL93_serv_opr	BOBJ1	28	69.51	Before	Interior Girder 5	23.88	0.95	1	1	2.922995
HL93_serv_opr	BOBJ1	28	69.51	Before	Interior Girder 6	23.88	0.95	1	1	3.024074
HL93_serv_opr	BOBJ1	28	69.51	Before	Right Exterior Girder	23.88	0.95	1	1	3.490548
HL93_serv_opr	BOBJ1	29	69.51	After	Left Exterior Girder	23.88	0.95	1	1	3.50385
HL93_serv_opr	BOBJ1	29	69.51	After	Interior Girder 1	23.88	0.95	1	1	3.02711
HL93_serv_opr	BOBJ1	29	69.51	After	Interior Girder 2	23.88	0.95	1	1	2.940629
HL93_serv_opr	BOBJ1	29	69.51	After	Interior Girder 3	23.88	0.95	1	1	2.910693
HL93_serv_opr	BOBJ1	29	69.51	After	Interior Girder 4	23.88	0.95	1	1	2.910693
HL93_serv_opr	BOBJ1	29	69.51	After	Interior Girder 5	23.88	0.95	1	1	2.940629
HL93_serv_opr	BOBJ1	29	69.51	After	Interior Girder 6	23.88	0.95	1	1	3.02711
HL93_serv_opr	BOBJ1	29	69.51	After	Right Exterior Girder	23.88	0.95	1	1	3.50385
HL93_serv_opr	BOBJ1	30	75.68	Before	Left Exterior Girder	30.05	0.95	1	1	2.683302
HL93_serv_opr	BOBJ1	30	75.68	Before	Interior Girder 1	30.05	0.95	1	1	2.717654
HL93_serv_opr	BOBJ1	30	75.68	Before	Interior Girder 2	30.05	0.95	1	1	2.65059
HL93_serv_opr	BOBJ1	30	75.68	Before	Interior Girder 3	30.05	0.95	1	1	2.663557
HL93_serv_opr	BOBJ1	30	75.68	Before	Interior Girder 4	30.05	0.95	1	1	2.663557
HL93_serv_opr	BOBJ1	30	75.68	Before	Interior Girder 5	30.05	0.95	1	1	2.65059
HL93_serv_opr	BOBJ1	30	75.68	Before	Interior Girder 6	30.05	0.95	1	1	2.717654
HL93_serv_opr	BOBJ1	30	75.68	Before	Right Exterior Girder	30.05	0.95	1	1	2.683302
HL93_serv_opr	BOBJ1	31	75.68	After	Left Exterior Girder	30.05	0.95	1	1	2.697523
HL93_serv_opr	BOBJ1	31	75.68	After	Interior Girder 1	30.05	0.95	1	1	2.709583
HL93_serv_opr	BOBJ1	31	75.68	After	Interior Girder 2	30.05	0.95	1	1	2.645954

TABLE: Bridge Super Rating AASHTORATE18 31 - SteelICompServ-Flx - Approach, Span 16-19										
Request	BridgeObj	BridgeCut	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	Unitless	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
HL93_serv_opr	BOBJ1	31	75.68	After	Interior Girder 3	30.05	0.95	1	1	2.667727
HL93_serv_opr	BOBJ1	31	75.68	After	Interior Girder 4	30.05	0.95	1	1	2.667727
HL93_serv_opr	BOBJ1	31	75.68	After	Interior Girder 5	30.05	0.95	1	1	2.645954
HL93_serv_opr	BOBJ1	31	75.68	After	Interior Girder 6	30.05	0.95	1	1	2.709583
HL93_serv_opr	BOBJ1	31	75.68	After	Right Exterior Girder	30.05	0.95	1	1	2.697523
HL93_serv_opr	BOBJ1	32	81.8467	Before	Left Exterior Girder	36.2167	0.95	1	1	2.795579
HL93_serv_opr	BOBJ1	32	81.8467	Before	Interior Girder 1	36.2167	0.95	1	1	2.544147
HL93_serv_opr	BOBJ1	32	81.8467	Before	Interior Girder 2	36.2167	0.95	1	1	2.497835
HL93_serv_opr	BOBJ1	32	81.8467	Before	Interior Girder 3	36.2167	0.95	1	1	2.481867
HL93_serv_opr	BOBJ1	32	81.8467	Before	Interior Girder 4	36.2167	0.95	1	1	2.481867
HL93_serv_opr	BOBJ1	32	81.8467	Before	Interior Girder 5	36.2167	0.95	1	1	2.497835
HL93_serv_opr	BOBJ1	32	81.8467	Before	Interior Girder 6	36.2167	0.95	1	1	2.544147
HL93_serv_opr	BOBJ1	32	81.8467	Before	Right Exterior Girder	36.2167	0.95	1	1	2.795579
HL93_serv_opr	BOBJ1	33	81.8467	After	Left Exterior Girder	36.2167	0.95	1	1	2.807044
HL93_serv_opr	BOBJ1	33	81.8467	After	Interior Girder 1	36.2167	0.95	1	1	2.528432
HL93_serv_opr	BOBJ1	33	81.8467	After	Interior Girder 2	36.2167	0.95	1	1	2.48639
HL93_serv_opr	BOBJ1	33	81.8467	After	Interior Girder 3	36.2167	0.95	1	1	2.465191
HL93_serv_opr	BOBJ1	33	81.8467	After	Interior Girder 4	36.2167	0.95	1	1	2.465191
HL93_serv_opr	BOBJ1	33	81.8467	After	Interior Girder 5	36.2167	0.95	1	1	2.48639
HL93_serv_opr	BOBJ1	33	81.8467	After	Interior Girder 6	36.2167	0.95	1	1	2.528432
HL93_serv_opr	BOBJ1	33	81.8467	After	Right Exterior Girder	36.2167	0.95	1	1	2.807044
HL93_serv_opr	BOBJ1	34	88.0133	Before	Left Exterior Girder	42.3833	0.95	1	1	3.315533
HL93_serv_opr	BOBJ1	34	88.0133	Before	Interior Girder 1	42.3833	0.95	1	1	2.842545
HL93_serv_opr	BOBJ1	34	88.0133	Before	Interior Girder 2	42.3833	0.95	1	1	2.785137
HL93_serv_opr	BOBJ1	34	88.0133	Before	Interior Girder 3	42.3833	0.95	1	1	2.752236
HL93_serv_opr	BOBJ1	34	88.0133	Before	Interior Girder 4	42.3833	0.95	1	1	2.752236
HL93_serv_opr	BOBJ1	34	88.0133	Before	Interior Girder 5	42.3833	0.95	1	1	2.785137
HL93_serv_opr	BOBJ1	34	88.0133	Before	Interior Girder 6	42.3833	0.95	1	1	2.842545
HL93_serv_opr	BOBJ1	34	88.0133	Before	Right Exterior Girder	42.3833	0.95	1	1	3.315533
HL93_serv_opr	BOBJ1	35	88.0133	After	Left Exterior Girder	42.3833	0.95	1	1	3.246422
HL93_serv_opr	BOBJ1	35	88.0133	After	Interior Girder 1	42.3833	0.95	1	1	2.87468
HL93_serv_opr	BOBJ1	35	88.0133	After	Interior Girder 2	42.3833	0.95	1	1	2.796236
HL93_serv_opr	BOBJ1	35	88.0133	After	Interior Girder 3	42.3833	0.95	1	1	2.736462
HL93_serv_opr	BOBJ1	35	88.0133	After	Interior Girder 4	42.3833	0.95	1	1	2.736462
HL93_serv_opr	BOBJ1	35	88.0133	After	Interior Girder 5	42.3833	0.95	1	1	2.796236
HL93_serv_opr	BOBJ1	35	88.0133	After	Interior Girder 6	42.3833	0.95	1	1	2.87468
HL93_serv_opr	BOBJ1	35	88.0133	After	Right Exterior Girder	42.3833	0.95	1	1	3.246422
HL93_serv_opr	BOBJ1	36	94.18	Before	Left Exterior Girder	48.55	0.95	1	1	4.399488
HL93_serv_opr	BOBJ1	36	94.18	Before	Interior Girder 1	48.55	0.95	1	1	4.1888
HL93_serv_opr	BOBJ1	36	94.18	Before	Interior Girder 2	48.55	0.95	1	1	3.892849
HL93_serv_opr	BOBJ1	36	94.18	Before	Interior Girder 3	48.55	0.95	1	1	3.876396
HL93_serv_opr	BOBJ1	36	94.18	Before	Interior Girder 4	48.55	0.95	1	1	3.876396
HL93_serv_opr	BOBJ1	36	94.18	Before	Interior Girder 5	48.55	0.95	1	1	3.892849
HL93_serv_opr	BOBJ1	36	94.18	Before	Interior Girder 6	48.55	0.95	1	1	4.1888
HL93_serv_opr	BOBJ1	36	94.18	Before	Right Exterior Girder	48.55	0.95	1	1	4.399488
HL93_serv_opr	BOBJ1	37	94.18	After	Left Exterior Girder	48.55	0.95	1	1	4.318467
HL93_serv_opr	BOBJ1	37	94.18	After	Interior Girder 1	48.55	0.95	1	1	4.230156
HL93_serv_opr	BOBJ1	37	94.18	After	Interior Girder 2	48.55	0.95	1	1	3.907345
HL93_serv_opr	BOBJ1	37	94.18	After	Interior Girder 3	48.55	0.95	1	1	3.838934
HL93_serv_opr	BOBJ1	37	94.18	After	Interior Girder 4	48.55	0.95	1	1	3.838934
HL93_serv_opr	BOBJ1	37	94.18	After	Interior Girder 5	48.55	0.95	1	1	3.907345
HL93_serv_opr	BOBJ1	37	94.18	After	Interior Girder 6	48.55	0.95	1	1	4.230156
HL93_serv_opr	BOBJ1	37	94.18	After	Right Exterior Girder	48.55	0.95	1	1	4.318467
HL93_serv_opr	BOBJ1	38	100.3567	Before	Left Exterior Girder	54.7267	0.95	1	1	6.750246
HL93_serv_opr	BOBJ1	38	100.3567	Before	Interior Girder 1	54.7267	0.95	1	1	6.478211
HL93_serv_opr	BOBJ1	38	100.3567	Before	Interior Girder 2	54.7267	0.95	1	1	6.087691
HL93_serv_opr	BOBJ1	38	100.3567	Before	Interior Girder 3	54.7267	0.95	1	1	6.135021
HL93_serv_opr	BOBJ1	38	100.3567	Before	Interior Girder 4	54.7267	0.95	1	1	6.135021
HL93_serv_opr	BOBJ1	38	100.3567	Before	Interior Girder 5	54.7267	0.95	1	1	6.087691
HL93_serv_opr	BOBJ1	38	100.3567	Before	Interior Girder 6	54.7267	0.95	1	1	6.478211
HL93_serv_opr	BOBJ1	38	100.3567	Before	Right Exterior Girder	54.7267	0.95	1	1	6.750246
HL93_serv_opr	BOBJ1	39	100.3567	After	Left Exterior Girder	54.7267	0.95	1	1	6.855648
HL93_serv_opr	BOBJ1	39	100.3567	After	Interior Girder 1	54.7267	0.95	1	1	6.387339
HL93_serv_opr	BOBJ1	39	100.3567	After	Interior Girder 2	54.7267	0.95	1	1	6.030738
HL93_serv_opr	BOBJ1	39	100.3567	After	Interior Girder 3	54.7267	0.95	1	1	5.950479
HL93_serv_opr	BOBJ1	39	100.3567	After	Interior Girder 4	54.7267	0.95	1	1	5.950479
HL93_serv_opr	BOBJ1	39	100.3567	After	Interior Girder 5	54.7267	0.95	1	1	6.030738
HL93_serv_opr	BOBJ1	39	100.3567	After	Interior Girder 6	54.7267	0.95	1	1	6.387339
HL93_serv_opr	BOBJ1	39	100.3567	After	Right Exterior Girder	54.7267	0.95	1	1	6.855648
HL93_serv_opr	BOBJ1	40	106.5333	Before	Left Exterior Girder	60.9033	0.95	1	1	4.277442
HL93_serv_opr	BOBJ1	40	106.5333	Before	Interior Girder 1	60.9033	0.95	1	1	4.263783
HL93_serv_opr	BOBJ1	40	106.5333	Before	Interior Girder 2	60.9033	0.95	1	1	4.016015
HL93_serv_opr	BOBJ1	40	106.5333	Before	Interior Girder 3	60.9033	0.95	1	1	3.785722

TABLE: Bridge Super Rating AASHTORATE18 31 - SteelICompServ-Flx - Approach, Span 16-19										
Request	BridgeObj	BridgeCut	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	Unitless	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
HL93_serv_opr	BOBJ1	40	106.5333	Before	Interior Girder 4	60.9033	0.95	1	1	3.785722
HL93_serv_opr	BOBJ1	40	106.5333	Before	Interior Girder 5	60.9033	0.95	1	1	4.016015
HL93_serv_opr	BOBJ1	40	106.5333	Before	Interior Girder 6	60.9033	0.95	1	1	4.263783
HL93_serv_opr	BOBJ1	40	106.5333	Before	Right Exterior Girder	60.9033	0.95	1	1	4.277442
HL93_serv_opr	BOBJ1	41	106.5333	After	Left Exterior Girder	60.9033	0.95	1	1	4.382474
HL93_serv_opr	BOBJ1	41	106.5333	After	Interior Girder 1	60.9033	0.95	1	1	4.160387
HL93_serv_opr	BOBJ1	41	106.5333	After	Interior Girder 2	60.9033	0.95	1	1	3.955433
HL93_serv_opr	BOBJ1	41	106.5333	After	Interior Girder 3	60.9033	0.95	1	1	3.739728
HL93_serv_opr	BOBJ1	41	106.5333	After	Interior Girder 4	60.9033	0.95	1	1	3.739728
HL93_serv_opr	BOBJ1	41	106.5333	After	Interior Girder 5	60.9033	0.95	1	1	3.955433
HL93_serv_opr	BOBJ1	41	106.5333	After	Interior Girder 6	60.9033	0.95	1	1	4.160387
HL93_serv_opr	BOBJ1	41	106.5333	After	Right Exterior Girder	60.9033	0.95	1	1	4.382474
HL93_serv_opr	BOBJ1	42	108.2102	Before	Left Exterior Girder	62.5802	0.95	1	1	3.622798
HL93_serv_opr	BOBJ1	42	108.2102	Before	Right Exterior Girder	62.5802	0.95	1	1	3.622798
HL93_serv_opr	BOBJ1	43	108.2102	After	Left Exterior Girder	62.5802	0.95	1	1	5.341006
HL93_serv_opr	BOBJ1	43	108.2102	After	Right Exterior Girder	62.5802	0.95	1	1	5.341006
HL93_serv_opr	BOBJ1	44	112.71	Before	Left Exterior Girder	67.08	0.95	1	1	2.779606
HL93_serv_opr	BOBJ1	44	112.71	Before	Interior Girder 1	67.08	0.95	1	1	1.881631
HL93_serv_opr	BOBJ1	44	112.71	Before	Interior Girder 2	67.08	0.95	1	1	1.850555
HL93_serv_opr	BOBJ1	44	112.71	Before	Interior Girder 3	67.08	0.95	1	1	1.585247
HL93_serv_opr	BOBJ1	44	112.71	Before	Interior Girder 4	67.08	0.95	1	1	1.585247
HL93_serv_opr	BOBJ1	44	112.71	Before	Interior Girder 5	67.08	0.95	1	1	1.850555
HL93_serv_opr	BOBJ1	44	112.71	Before	Interior Girder 6	67.08	0.95	1	1	1.881631
HL93_serv_opr	BOBJ1	44	112.71	Before	Right Exterior Girder	67.08	0.95	1	1	2.779606
HL93_serv_opr	BOBJ1	45	112.71	After	Left Exterior Girder	0	0.95	1	1	2.811331
HL93_serv_opr	BOBJ1	45	112.71	After	Interior Girder 1	0	0.95	1	1	2.00164
HL93_serv_opr	BOBJ1	45	112.71	After	Interior Girder 2	0	0.95	1	1	1.941367
HL93_serv_opr	BOBJ1	45	112.71	After	Interior Girder 3	0	0.95	1	1	1.655242
HL93_serv_opr	BOBJ1	45	112.71	After	Interior Girder 4	0	0.95	1	1	1.655242
HL93_serv_opr	BOBJ1	45	112.71	After	Interior Girder 5	0	0.95	1	1	1.941367
HL93_serv_opr	BOBJ1	45	112.71	After	Interior Girder 6	0	0.95	1	1	2.00164
HL93_serv_opr	BOBJ1	45	112.71	After	Right Exterior Girder	0	0.95	1	1	2.811331
HL93_serv_opr	BOBJ1	46	117.21	Before	Left Exterior Girder	4.5	0.95	1	1	3.973508
HL93_serv_opr	BOBJ1	46	117.21	Before	Right Exterior Girder	4.5	0.95	1	1	3.973508
HL93_serv_opr	BOBJ1	47	117.21	After	Left Exterior Girder	4.5	0.95	1	1	2.69527
HL93_serv_opr	BOBJ1	47	117.21	After	Right Exterior Girder	4.5	0.95	1	1	2.69527
HL93_serv_opr	BOBJ1	48	119.1	Before	Left Exterior Girder	6.39	0.95	1	1	3.205319
HL93_serv_opr	BOBJ1	48	119.1	Before	Interior Girder 1	6.39	0.95	1	1	3.257026
HL93_serv_opr	BOBJ1	48	119.1	Before	Interior Girder 2	6.39	0.95	1	1	3.196892
HL93_serv_opr	BOBJ1	48	119.1	Before	Interior Girder 3	6.39	0.95	1	1	3.108453
HL93_serv_opr	BOBJ1	48	119.1	Before	Interior Girder 4	6.39	0.95	1	1	3.108453
HL93_serv_opr	BOBJ1	48	119.1	Before	Interior Girder 5	6.39	0.95	1	1	3.196892
HL93_serv_opr	BOBJ1	48	119.1	Before	Interior Girder 6	6.39	0.95	1	1	3.257026
HL93_serv_opr	BOBJ1	48	119.1	Before	Right Exterior Girder	6.39	0.95	1	1	3.205319
HL93_serv_opr	BOBJ1	49	119.1	After	Left Exterior Girder	6.39	0.95	1	1	3.144908
HL93_serv_opr	BOBJ1	49	119.1	After	Interior Girder 1	6.39	0.95	1	1	3.328099
HL93_serv_opr	BOBJ1	49	119.1	After	Interior Girder 2	6.39	0.95	1	1	3.233603
HL93_serv_opr	BOBJ1	49	119.1	After	Interior Girder 3	6.39	0.95	1	1	3.136896
HL93_serv_opr	BOBJ1	49	119.1	After	Interior Girder 4	6.39	0.95	1	1	3.136896
HL93_serv_opr	BOBJ1	49	119.1	After	Interior Girder 5	6.39	0.95	1	1	3.233603
HL93_serv_opr	BOBJ1	49	119.1	After	Interior Girder 6	6.39	0.95	1	1	3.328099
HL93_serv_opr	BOBJ1	49	119.1	After	Right Exterior Girder	6.39	0.95	1	1	3.144908
HL93_serv_opr	BOBJ1	50	125.49	Before	Left Exterior Girder	12.78	0.95	1	1	4.688406
HL93_serv_opr	BOBJ1	50	125.49	Before	Interior Girder 1	12.78	0.95	1	1	4.540846
HL93_serv_opr	BOBJ1	50	125.49	Before	Interior Girder 2	12.78	0.95	1	1	4.526748
HL93_serv_opr	BOBJ1	50	125.49	Before	Interior Girder 3	12.78	0.95	1	1	4.639458
HL93_serv_opr	BOBJ1	50	125.49	Before	Interior Girder 4	12.78	0.95	1	1	4.639458
HL93_serv_opr	BOBJ1	50	125.49	Before	Interior Girder 5	12.78	0.95	1	1	4.526748
HL93_serv_opr	BOBJ1	50	125.49	Before	Interior Girder 6	12.78	0.95	1	1	4.540846
HL93_serv_opr	BOBJ1	50	125.49	Before	Right Exterior Girder	12.78	0.95	1	1	4.688406
HL93_serv_opr	BOBJ1	51	125.49	After	Left Exterior Girder	12.78	0.95	1	1	4.640425
HL93_serv_opr	BOBJ1	51	125.49	After	Interior Girder 1	12.78	0.95	1	1	4.587345
HL93_serv_opr	BOBJ1	51	125.49	After	Interior Girder 2	12.78	0.95	1	1	4.55736
HL93_serv_opr	BOBJ1	51	125.49	After	Interior Girder 3	12.78	0.95	1	1	4.645853
HL93_serv_opr	BOBJ1	51	125.49	After	Interior Girder 4	12.78	0.95	1	1	4.645853
HL93_serv_opr	BOBJ1	51	125.49	After	Interior Girder 5	12.78	0.95	1	1	4.55736
HL93_serv_opr	BOBJ1	51	125.49	After	Interior Girder 6	12.78	0.95	1	1	4.587345
HL93_serv_opr	BOBJ1	51	125.49	After	Right Exterior Girder	12.78	0.95	1	1	4.640425
HL93_serv_opr	BOBJ1	52	131.88	Before	Left Exterior Girder	19.17	0.95	1	1	4.754246
HL93_serv_opr	BOBJ1	52	131.88	Before	Interior Girder 1	19.17	0.95	1	1	4.601559
HL93_serv_opr	BOBJ1	52	131.88	Before	Interior Girder 2	19.17	0.95	1	1	4.200542
HL93_serv_opr	BOBJ1	52	131.88	Before	Interior Girder 3	19.17	0.95	1	1	4.074555
HL93_serv_opr	BOBJ1	52	131.88	Before	Interior Girder 4	19.17	0.95	1	1	4.074555

TABLE: Bridge Super Rating AASHTORATE18 31 - SteelICompServ-Flx - Approach, Span 16-19										
Request	BridgeObj	BridgeCut	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	Unitless	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
HL93_serv_opr	BOBJ1	52	131.88	Before	Interior Girder 5	19.17	0.95	1	1	4.200542
HL93_serv_opr	BOBJ1	52	131.88	Before	Interior Girder 6	19.17	0.95	1	1	4.601559
HL93_serv_opr	BOBJ1	52	131.88	Before	Right Exterior Girder	19.17	0.95	1	1	4.754246
HL93_serv_opr	BOBJ1	53	131.88	After	Left Exterior Girder	19.17	0.95	1	1	4.788191
HL93_serv_opr	BOBJ1	53	131.88	After	Interior Girder 1	19.17	0.95	1	1	4.583809
HL93_serv_opr	BOBJ1	53	131.88	After	Interior Girder 2	19.17	0.95	1	1	4.191958
HL93_serv_opr	BOBJ1	53	131.88	After	Interior Girder 3	19.17	0.95	1	1	4.103898
HL93_serv_opr	BOBJ1	53	131.88	After	Interior Girder 4	19.17	0.95	1	1	4.103898
HL93_serv_opr	BOBJ1	53	131.88	After	Interior Girder 5	19.17	0.95	1	1	4.191958
HL93_serv_opr	BOBJ1	53	131.88	After	Interior Girder 6	19.17	0.95	1	1	4.583809
HL93_serv_opr	BOBJ1	53	131.88	After	Right Exterior Girder	19.17	0.95	1	1	4.788191
HL93_serv_opr	BOBJ1	54	138.27	Before	Left Exterior Girder	25.56	0.95	1	1	4.278876
HL93_serv_opr	BOBJ1	54	138.27	Before	Interior Girder 1	25.56	0.95	1	1	3.585148
HL93_serv_opr	BOBJ1	54	138.27	Before	Interior Girder 2	25.56	0.95	1	1	3.399633
HL93_serv_opr	BOBJ1	54	138.27	Before	Interior Girder 3	25.56	0.95	1	1	3.260341
HL93_serv_opr	BOBJ1	54	138.27	Before	Interior Girder 4	25.56	0.95	1	1	3.260341
HL93_serv_opr	BOBJ1	54	138.27	Before	Interior Girder 5	25.56	0.95	1	1	3.399633
HL93_serv_opr	BOBJ1	54	138.27	Before	Interior Girder 6	25.56	0.95	1	1	3.585148
HL93_serv_opr	BOBJ1	54	138.27	Before	Right Exterior Girder	25.56	0.95	1	1	4.278876
HL93_serv_opr	BOBJ1	55	138.27	After	Left Exterior Girder	25.56	0.95	1	1	4.327622
HL93_serv_opr	BOBJ1	55	138.27	After	Interior Girder 1	25.56	0.95	1	1	3.562788
HL93_serv_opr	BOBJ1	55	138.27	After	Interior Girder 2	25.56	0.95	1	1	3.391597
HL93_serv_opr	BOBJ1	55	138.27	After	Interior Girder 3	25.56	0.95	1	1	3.269407
HL93_serv_opr	BOBJ1	55	138.27	After	Interior Girder 4	25.56	0.95	1	1	3.269407
HL93_serv_opr	BOBJ1	55	138.27	After	Interior Girder 5	25.56	0.95	1	1	3.391597
HL93_serv_opr	BOBJ1	55	138.27	After	Interior Girder 6	25.56	0.95	1	1	3.562788
HL93_serv_opr	BOBJ1	55	138.27	After	Right Exterior Girder	25.56	0.95	1	1	4.327622
HL93_serv_opr	BOBJ1	56	144.66	Before	Left Exterior Girder	31.95	0.95	1	1	4.432253
HL93_serv_opr	BOBJ1	56	144.66	Before	Interior Girder 1	31.95	0.95	1	1	3.60727
HL93_serv_opr	BOBJ1	56	144.66	Before	Interior Girder 2	31.95	0.95	1	1	3.435565
HL93_serv_opr	BOBJ1	56	144.66	Before	Interior Girder 3	31.95	0.95	1	1	3.311103
HL93_serv_opr	BOBJ1	56	144.66	Before	Interior Girder 4	31.95	0.95	1	1	3.311103
HL93_serv_opr	BOBJ1	56	144.66	Before	Interior Girder 5	31.95	0.95	1	1	3.435565
HL93_serv_opr	BOBJ1	56	144.66	Before	Interior Girder 6	31.95	0.95	1	1	3.60727
HL93_serv_opr	BOBJ1	56	144.66	Before	Right Exterior Girder	31.95	0.95	1	1	4.432253
HL93_serv_opr	BOBJ1	57	144.66	After	Left Exterior Girder	31.95	0.95	1	1	4.368661
HL93_serv_opr	BOBJ1	57	144.66	After	Interior Girder 1	31.95	0.95	1	1	3.63798
HL93_serv_opr	BOBJ1	57	144.66	After	Interior Girder 2	31.95	0.95	1	1	3.44273
HL93_serv_opr	BOBJ1	57	144.66	After	Interior Girder 3	31.95	0.95	1	1	3.296124
HL93_serv_opr	BOBJ1	57	144.66	After	Interior Girder 4	31.95	0.95	1	1	3.296124
HL93_serv_opr	BOBJ1	57	144.66	After	Interior Girder 5	31.95	0.95	1	1	3.44273
HL93_serv_opr	BOBJ1	57	144.66	After	Interior Girder 6	31.95	0.95	1	1	3.63798
HL93_serv_opr	BOBJ1	57	144.66	After	Right Exterior Girder	31.95	0.95	1	1	4.368661
HL93_serv_opr	BOBJ1	58	151.05	Before	Left Exterior Girder	38.34	0.95	1	1	5.155144
HL93_serv_opr	BOBJ1	58	151.05	Before	Interior Girder 1	38.34	0.95	1	1	4.784961
HL93_serv_opr	BOBJ1	58	151.05	Before	Interior Girder 2	38.34	0.95	1	1	4.356581
HL93_serv_opr	BOBJ1	58	151.05	Before	Interior Girder 3	38.34	0.95	1	1	4.253024
HL93_serv_opr	BOBJ1	58	151.05	Before	Interior Girder 4	38.34	0.95	1	1	4.253024
HL93_serv_opr	BOBJ1	58	151.05	Before	Interior Girder 5	38.34	0.95	1	1	4.356581
HL93_serv_opr	BOBJ1	58	151.05	Before	Interior Girder 6	38.34	0.95	1	1	4.784961
HL93_serv_opr	BOBJ1	58	151.05	Before	Right Exterior Girder	38.34	0.95	1	1	5.155144
HL93_serv_opr	BOBJ1	59	151.05	After	Left Exterior Girder	38.34	0.95	1	1	5.102656
HL93_serv_opr	BOBJ1	59	151.05	After	Interior Girder 1	38.34	0.95	1	1	4.816842
HL93_serv_opr	BOBJ1	59	151.05	After	Interior Girder 2	38.34	0.95	1	1	4.365514
HL93_serv_opr	BOBJ1	59	151.05	After	Interior Girder 3	38.34	0.95	1	1	4.21521
HL93_serv_opr	BOBJ1	59	151.05	After	Interior Girder 4	38.34	0.95	1	1	4.21521
HL93_serv_opr	BOBJ1	59	151.05	After	Interior Girder 5	38.34	0.95	1	1	4.365514
HL93_serv_opr	BOBJ1	59	151.05	After	Interior Girder 6	38.34	0.95	1	1	4.816842
HL93_serv_opr	BOBJ1	59	151.05	After	Right Exterior Girder	38.34	0.95	1	1	5.102656
HL93_serv_opr	BOBJ1	60	157.4367	Before	Left Exterior Girder	44.7267	0.95	1	1	4.886697
HL93_serv_opr	BOBJ1	60	157.4367	Before	Interior Girder 1	44.7267	0.95	1	1	4.963842
HL93_serv_opr	BOBJ1	60	157.4367	Before	Interior Girder 2	44.7267	0.95	1	1	4.805044
HL93_serv_opr	BOBJ1	60	157.4367	Before	Interior Girder 3	44.7267	0.95	1	1	4.891311
HL93_serv_opr	BOBJ1	60	157.4367	Before	Interior Girder 4	44.7267	0.95	1	1	4.891311
HL93_serv_opr	BOBJ1	60	157.4367	Before	Interior Girder 5	44.7267	0.95	1	1	4.805044
HL93_serv_opr	BOBJ1	60	157.4367	Before	Interior Girder 6	44.7267	0.95	1	1	4.963842
HL93_serv_opr	BOBJ1	60	157.4367	Before	Right Exterior Girder	44.7267	0.95	1	1	4.886697
HL93_serv_opr	BOBJ1	61	157.4367	After	Left Exterior Girder	44.7267	0.95	1	1	4.927694
HL93_serv_opr	BOBJ1	61	157.4367	After	Interior Girder 1	44.7267	0.95	1	1	4.932355
HL93_serv_opr	BOBJ1	61	157.4367	After	Interior Girder 2	44.7267	0.95	1	1	4.788057
HL93_serv_opr	BOBJ1	61	157.4367	After	Interior Girder 3	44.7267	0.95	1	1	4.891081
HL93_serv_opr	BOBJ1	61	157.4367	After	Interior Girder 4	44.7267	0.95	1	1	4.891081
HL93_serv_opr	BOBJ1	61	157.4367	After	Interior Girder 5	44.7267	0.95	1	1	4.788057

TABLE: Bridge Super Rating AASHTORATE18 31 - SteelICompServ-Flx - Approach, Span 16-19										
Request	BridgeObj	BridgeCut	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	Unitless	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
HL93_serv_opr	BOBJ1	61	157.4367	After	Interior Girder 6	44.7267	0.95	1	1	4.932355
HL93_serv_opr	BOBJ1	61	157.4367	After	Right Exterior Girder	44.7267	0.95	1	1	4.927694
HL93_serv_opr	BOBJ1	62	158.71	Before	Left Exterior Girder	46	0.95	1	1	4.579947
HL93_serv_opr	BOBJ1	62	158.71	Before	Interior Girder 1	46	0.95	1	1	4.707241
HL93_serv_opr	BOBJ1	62	158.71	Before	Interior Girder 2	46	0.95	1	1	4.516918
HL93_serv_opr	BOBJ1	62	158.71	Before	Interior Girder 3	46	0.95	1	1	4.54539
HL93_serv_opr	BOBJ1	62	158.71	Before	Interior Girder 4	46	0.95	1	1	4.54539
HL93_serv_opr	BOBJ1	62	158.71	Before	Interior Girder 5	46	0.95	1	1	4.516918
HL93_serv_opr	BOBJ1	62	158.71	Before	Interior Girder 6	46	0.95	1	1	4.707241
HL93_serv_opr	BOBJ1	62	158.71	Before	Right Exterior Girder	46	0.95	1	1	4.579947
HL93_serv_opr	BOBJ1	63	158.71	After	Left Exterior Girder	46	0.95	1	1	6.252159
HL93_serv_opr	BOBJ1	63	158.71	After	Interior Girder 1	46	0.95	1	1	5.893437
HL93_serv_opr	BOBJ1	63	158.71	After	Interior Girder 2	46	0.95	1	1	5.637266
HL93_serv_opr	BOBJ1	63	158.71	After	Interior Girder 3	46	0.95	1	1	5.707378
HL93_serv_opr	BOBJ1	63	158.71	After	Interior Girder 4	46	0.95	1	1	5.707378
HL93_serv_opr	BOBJ1	63	158.71	After	Interior Girder 5	46	0.95	1	1	5.637266
HL93_serv_opr	BOBJ1	63	158.71	After	Interior Girder 6	46	0.95	1	1	5.893437
HL93_serv_opr	BOBJ1	63	158.71	After	Right Exterior Girder	46	0.95	1	1	6.252159
HL93_serv_opr	BOBJ1	64	163.8233	Before	Left Exterior Girder	51.1133	0.95	1	1	4.562446
HL93_serv_opr	BOBJ1	64	163.8233	Before	Interior Girder 1	51.1133	0.95	1	1	4.504095
HL93_serv_opr	BOBJ1	64	163.8233	Before	Interior Girder 2	51.1133	0.95	1	1	4.272278
HL93_serv_opr	BOBJ1	64	163.8233	Before	Interior Girder 3	51.1133	0.95	1	1	4.038356
HL93_serv_opr	BOBJ1	64	163.8233	Before	Interior Girder 4	51.1133	0.95	1	1	4.038356
HL93_serv_opr	BOBJ1	64	163.8233	Before	Interior Girder 5	51.1133	0.95	1	1	4.272278
HL93_serv_opr	BOBJ1	64	163.8233	Before	Interior Girder 6	51.1133	0.95	1	1	4.504095
HL93_serv_opr	BOBJ1	64	163.8233	Before	Right Exterior Girder	51.1133	0.95	1	1	4.562446
HL93_serv_opr	BOBJ1	65	163.8233	After	Left Exterior Girder	51.1133	0.95	1	1	4.642501
HL93_serv_opr	BOBJ1	65	163.8233	After	Interior Girder 1	51.1133	0.95	1	1	4.406368
HL93_serv_opr	BOBJ1	65	163.8233	After	Interior Girder 2	51.1133	0.95	1	1	4.208001
HL93_serv_opr	BOBJ1	65	163.8233	After	Interior Girder 3	51.1133	0.95	1	1	3.988173
HL93_serv_opr	BOBJ1	65	163.8233	After	Interior Girder 4	51.1133	0.95	1	1	3.988173
HL93_serv_opr	BOBJ1	65	163.8233	After	Interior Girder 5	51.1133	0.95	1	1	4.208001
HL93_serv_opr	BOBJ1	65	163.8233	After	Interior Girder 6	51.1133	0.95	1	1	4.406368
HL93_serv_opr	BOBJ1	65	163.8233	After	Right Exterior Girder	51.1133	0.95	1	1	4.642501
HL93_serv_opr	BOBJ1	66	164.71	Before	Left Exterior Girder	52	0.95	1	1	4.331705
HL93_serv_opr	BOBJ1	66	164.71	Before	Right Exterior Girder	52	0.95	1	1	4.331705
HL93_serv_opr	BOBJ1	67	164.71	After	Left Exterior Girder	52	0.95	1	1	6.566162
HL93_serv_opr	BOBJ1	67	164.71	After	Right Exterior Girder	52	0.95	1	1	6.566162
HL93_serv_opr	BOBJ1	68	170.21	Before	Left Exterior Girder	57.5	0.95	1	1	4.586904
HL93_serv_opr	BOBJ1	68	170.21	Before	Interior Girder 1	57.5	0.95	1	1	2.683954
HL93_serv_opr	BOBJ1	68	170.21	Before	Interior Girder 2	57.5	0.95	1	1	2.555864
HL93_serv_opr	BOBJ1	68	170.21	Before	Interior Girder 3	57.5	0.95	1	1	2.140646
HL93_serv_opr	BOBJ1	68	170.21	Before	Interior Girder 4	57.5	0.95	1	1	2.140646
HL93_serv_opr	BOBJ1	68	170.21	Before	Interior Girder 5	57.5	0.95	1	1	2.555864
HL93_serv_opr	BOBJ1	68	170.21	Before	Interior Girder 6	57.5	0.95	1	1	2.683954
HL93_serv_opr	BOBJ1	68	170.21	Before	Right Exterior Girder	57.5	0.95	1	1	4.586904
HL93_serv_opr	BOBJ1	69	170.21	After	Left Exterior Girder	0	0.95	1	1	4.594799
HL93_serv_opr	BOBJ1	69	170.21	After	Interior Girder 1	0	0.95	1	1	2.636407
HL93_serv_opr	BOBJ1	69	170.21	After	Interior Girder 2	0	0.95	1	1	2.520827
HL93_serv_opr	BOBJ1	69	170.21	After	Interior Girder 3	0	0.95	1	1	2.130808
HL93_serv_opr	BOBJ1	69	170.21	After	Interior Girder 4	0	0.95	1	1	2.130808
HL93_serv_opr	BOBJ1	69	170.21	After	Interior Girder 5	0	0.95	1	1	2.520827
HL93_serv_opr	BOBJ1	69	170.21	After	Interior Girder 6	0	0.95	1	1	2.636407
HL93_serv_opr	BOBJ1	69	170.21	After	Right Exterior Girder	0	0.95	1	1	4.594799
HL93_serv_opr	BOBJ1	70	176.21	Before	Left Exterior Girder	6	0.95	1	1	7.625338
HL93_serv_opr	BOBJ1	70	176.21	Before	Right Exterior Girder	6	0.95	1	1	7.625338
HL93_serv_opr	BOBJ1	71	176.21	After	Left Exterior Girder	6	0.95	1	1	5.109614
HL93_serv_opr	BOBJ1	71	176.21	After	Right Exterior Girder	6	0.95	1	1	5.109614
HL93_serv_opr	BOBJ1	72	176.6	Before	Left Exterior Girder	6.39	0.95	1	1	5.291989
HL93_serv_opr	BOBJ1	72	176.6	Before	Interior Girder 1	6.39	0.95	1	1	4.863725
HL93_serv_opr	BOBJ1	72	176.6	Before	Interior Girder 2	6.39	0.95	1	1	4.588797
HL93_serv_opr	BOBJ1	72	176.6	Before	Interior Girder 3	6.39	0.95	1	1	4.345531
HL93_serv_opr	BOBJ1	72	176.6	Before	Interior Girder 4	6.39	0.95	1	1	4.345531
HL93_serv_opr	BOBJ1	72	176.6	Before	Interior Girder 5	6.39	0.95	1	1	4.588797
HL93_serv_opr	BOBJ1	72	176.6	Before	Interior Girder 6	6.39	0.95	1	1	4.863725
HL93_serv_opr	BOBJ1	72	176.6	Before	Right Exterior Girder	6.39	0.95	1	1	5.291989
HL93_serv_opr	BOBJ1	73	176.6	After	Left Exterior Girder	6.39	0.95	1	1	5.168095
HL93_serv_opr	BOBJ1	73	176.6	After	Interior Girder 1	6.39	0.95	1	1	4.979937
HL93_serv_opr	BOBJ1	73	176.6	After	Interior Girder 2	6.39	0.95	1	1	4.663
HL93_serv_opr	BOBJ1	73	176.6	After	Interior Girder 3	6.39	0.95	1	1	4.398655
HL93_serv_opr	BOBJ1	73	176.6	After	Interior Girder 4	6.39	0.95	1	1	4.398655
HL93_serv_opr	BOBJ1	73	176.6	After	Interior Girder 5	6.39	0.95	1	1	4.663
HL93_serv_opr	BOBJ1	73	176.6	After	Interior Girder 6	6.39	0.95	1	1	4.979937

TABLE: Bridge Super Rating AASHTORATE18 31 - SteelICompServ-Flx - Approach, Span 16-19										
Request	BridgeObj	BridgeCut	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	Unitless	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
HL93_serv_opr	BOBJ1	73	176.6	After	Right Exterior Girder	6.39	0.95	1	1	5.168095
HL93_serv_opr	BOBJ1	74	182.99	Before	Left Exterior Girder	12.78	0.95	1	1	7.499075
HL93_serv_opr	BOBJ1	74	182.99	Before	Interior Girder 1	12.78	0.95	1	1	6.820962
HL93_serv_opr	BOBJ1	74	182.99	Before	Interior Girder 2	12.78	0.95	1	1	6.283091
HL93_serv_opr	BOBJ1	74	182.99	Before	Interior Girder 3	12.78	0.95	1	1	6.225428
HL93_serv_opr	BOBJ1	74	182.99	Before	Interior Girder 4	12.78	0.95	1	1	6.225428
HL93_serv_opr	BOBJ1	74	182.99	Before	Interior Girder 5	12.78	0.95	1	1	6.283091
HL93_serv_opr	BOBJ1	74	182.99	Before	Interior Girder 6	12.78	0.95	1	1	6.820962
HL93_serv_opr	BOBJ1	74	182.99	Before	Right Exterior Girder	12.78	0.95	1	1	7.499075
HL93_serv_opr	BOBJ1	75	182.99	After	Left Exterior Girder	12.78	0.95	1	1	7.43347
HL93_serv_opr	BOBJ1	75	182.99	After	Interior Girder 1	12.78	0.95	1	1	6.855452
HL93_serv_opr	BOBJ1	75	182.99	After	Interior Girder 2	12.78	0.95	1	1	6.330878
HL93_serv_opr	BOBJ1	75	182.99	After	Interior Girder 3	12.78	0.95	1	1	6.38365
HL93_serv_opr	BOBJ1	75	182.99	After	Interior Girder 4	12.78	0.95	1	1	6.38365
HL93_serv_opr	BOBJ1	75	182.99	After	Interior Girder 5	12.78	0.95	1	1	6.330878
HL93_serv_opr	BOBJ1	75	182.99	After	Interior Girder 6	12.78	0.95	1	1	6.855452
HL93_serv_opr	BOBJ1	75	182.99	After	Right Exterior Girder	12.78	0.95	1	1	7.43347
HL93_serv_opr	BOBJ1	76	189.38	Before	Left Exterior Girder	19.17	0.95	1	1	4.801559
HL93_serv_opr	BOBJ1	76	189.38	Before	Interior Girder 1	19.17	0.95	1	1	4.439255
HL93_serv_opr	BOBJ1	76	189.38	Before	Interior Girder 2	19.17	0.95	1	1	4.08654
HL93_serv_opr	BOBJ1	76	189.38	Before	Interior Girder 3	19.17	0.95	1	1	4.018268
HL93_serv_opr	BOBJ1	76	189.38	Before	Interior Girder 4	19.17	0.95	1	1	4.018268
HL93_serv_opr	BOBJ1	76	189.38	Before	Interior Girder 5	19.17	0.95	1	1	4.08654
HL93_serv_opr	BOBJ1	76	189.38	Before	Interior Girder 6	19.17	0.95	1	1	4.439255
HL93_serv_opr	BOBJ1	76	189.38	Before	Right Exterior Girder	19.17	0.95	1	1	4.801559
HL93_serv_opr	BOBJ1	77	189.38	After	Left Exterior Girder	19.17	0.95	1	1	4.862317
HL93_serv_opr	BOBJ1	77	189.38	After	Interior Girder 1	19.17	0.95	1	1	4.403039
HL93_serv_opr	BOBJ1	77	189.38	After	Interior Girder 2	19.17	0.95	1	1	4.079602
HL93_serv_opr	BOBJ1	77	189.38	After	Interior Girder 3	19.17	0.95	1	1	4.058043
HL93_serv_opr	BOBJ1	77	189.38	After	Interior Girder 4	19.17	0.95	1	1	4.058043
HL93_serv_opr	BOBJ1	77	189.38	After	Interior Girder 5	19.17	0.95	1	1	4.079602
HL93_serv_opr	BOBJ1	77	189.38	After	Interior Girder 6	19.17	0.95	1	1	4.403039
HL93_serv_opr	BOBJ1	77	189.38	After	Right Exterior Girder	19.17	0.95	1	1	4.862317
HL93_serv_opr	BOBJ1	78	195.77	Before	Left Exterior Girder	25.56	0.95	1	1	3.766475
HL93_serv_opr	BOBJ1	78	195.77	Before	Interior Girder 1	25.56	0.95	1	1	3.121808
HL93_serv_opr	BOBJ1	78	195.77	Before	Interior Girder 2	25.56	0.95	1	1	3.003734
HL93_serv_opr	BOBJ1	78	195.77	Before	Interior Girder 3	25.56	0.95	1	1	2.933616
HL93_serv_opr	BOBJ1	78	195.77	Before	Interior Girder 4	25.56	0.95	1	1	2.933616
HL93_serv_opr	BOBJ1	78	195.77	Before	Interior Girder 5	25.56	0.95	1	1	3.003734
HL93_serv_opr	BOBJ1	78	195.77	Before	Interior Girder 6	25.56	0.95	1	1	3.121808
HL93_serv_opr	BOBJ1	78	195.77	Before	Right Exterior Girder	25.56	0.95	1	1	3.766475
HL93_serv_opr	BOBJ1	79	195.77	After	Left Exterior Girder	25.56	0.95	1	1	3.827554
HL93_serv_opr	BOBJ1	79	195.77	After	Interior Girder 1	25.56	0.95	1	1	3.090103
HL93_serv_opr	BOBJ1	79	195.77	After	Interior Girder 2	25.56	0.95	1	1	2.996915
HL93_serv_opr	BOBJ1	79	195.77	After	Interior Girder 3	25.56	0.95	1	1	2.949816
HL93_serv_opr	BOBJ1	79	195.77	After	Interior Girder 4	25.56	0.95	1	1	2.949816
HL93_serv_opr	BOBJ1	79	195.77	After	Interior Girder 5	25.56	0.95	1	1	2.996915
HL93_serv_opr	BOBJ1	79	195.77	After	Interior Girder 6	25.56	0.95	1	1	3.090103
HL93_serv_opr	BOBJ1	79	195.77	After	Right Exterior Girder	25.56	0.95	1	1	3.827554
HL93_serv_opr	BOBJ1	80	202.16	Before	Left Exterior Girder	31.95	0.95	1	1	3.394688
HL93_serv_opr	BOBJ1	80	202.16	Before	Interior Girder 1	31.95	0.95	1	1	2.807947
HL93_serv_opr	BOBJ1	80	202.16	Before	Interior Girder 2	31.95	0.95	1	1	2.72492
HL93_serv_opr	BOBJ1	80	202.16	Before	Interior Girder 3	31.95	0.95	1	1	2.683163
HL93_serv_opr	BOBJ1	80	202.16	Before	Interior Girder 4	31.95	0.95	1	1	2.683163
HL93_serv_opr	BOBJ1	80	202.16	Before	Interior Girder 5	31.95	0.95	1	1	2.72492
HL93_serv_opr	BOBJ1	80	202.16	Before	Interior Girder 6	31.95	0.95	1	1	2.807947
HL93_serv_opr	BOBJ1	80	202.16	Before	Right Exterior Girder	31.95	0.95	1	1	3.394688
HL93_serv_opr	BOBJ1	81	202.16	After	Left Exterior Girder	31.95	0.95	1	1	3.366691
HL93_serv_opr	BOBJ1	81	202.16	After	Interior Girder 1	31.95	0.95	1	1	2.819535
HL93_serv_opr	BOBJ1	81	202.16	After	Interior Girder 2	31.95	0.95	1	1	2.733542
HL93_serv_opr	BOBJ1	81	202.16	After	Interior Girder 3	31.95	0.95	1	1	2.686637
HL93_serv_opr	BOBJ1	81	202.16	After	Interior Girder 4	31.95	0.95	1	1	2.686637
HL93_serv_opr	BOBJ1	81	202.16	After	Interior Girder 5	31.95	0.95	1	1	2.733542
HL93_serv_opr	BOBJ1	81	202.16	After	Interior Girder 6	31.95	0.95	1	1	2.819535
HL93_serv_opr	BOBJ1	81	202.16	After	Right Exterior Girder	31.95	0.95	1	1	3.366691
HL93_serv_opr	BOBJ1	82	208.55	Before	Left Exterior Girder	38.34	0.95	1	1	3.29678
HL93_serv_opr	BOBJ1	82	208.55	Before	Interior Girder 1	38.34	0.95	1	1	3.059719
HL93_serv_opr	BOBJ1	82	208.55	Before	Interior Girder 2	38.34	0.95	1	1	2.935414
HL93_serv_opr	BOBJ1	82	208.55	Before	Interior Girder 3	38.34	0.95	1	1	2.924503
HL93_serv_opr	BOBJ1	82	208.55	Before	Interior Girder 4	38.34	0.95	1	1	2.924503
HL93_serv_opr	BOBJ1	82	208.55	Before	Interior Girder 5	38.34	0.95	1	1	2.935414
HL93_serv_opr	BOBJ1	82	208.55	Before	Interior Girder 6	38.34	0.95	1	1	3.059719
HL93_serv_opr	BOBJ1	82	208.55	Before	Right Exterior Girder	38.34	0.95	1	1	3.29678

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Request	BridgeObj	BridgeCut	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	Unitless	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
HL93_serv_opr	BOBJ1	83	208.55	After	Left Exterior Girder	38.34	0.95	1	1	3.269532
HL93_serv_opr	BOBJ1	83	208.55	After	Interior Girder 1	38.34	0.95	1	1	3.07484
HL93_serv_opr	BOBJ1	83	208.55	After	Interior Girder 2	38.34	0.95	1	1	2.932848
HL93_serv_opr	BOBJ1	83	208.55	After	Interior Girder 3	38.34	0.95	1	1	2.910115
HL93_serv_opr	BOBJ1	83	208.55	After	Interior Girder 4	38.34	0.95	1	1	2.910115
HL93_serv_opr	BOBJ1	83	208.55	After	Interior Girder 5	38.34	0.95	1	1	2.932848
HL93_serv_opr	BOBJ1	83	208.55	After	Interior Girder 6	38.34	0.95	1	1	3.07484
HL93_serv_opr	BOBJ1	83	208.55	After	Right Exterior Girder	38.34	0.95	1	1	3.269532
HL93_serv_opr	BOBJ1	84	215.1233	Before	Left Exterior Girder	44.9133	0.95	1	1	4.475672
HL93_serv_opr	BOBJ1	84	215.1233	Before	Interior Girder 1	44.9133	0.95	1	1	3.525449
HL93_serv_opr	BOBJ1	84	215.1233	Before	Interior Girder 2	44.9133	0.95	1	1	3.410904
HL93_serv_opr	BOBJ1	84	215.1233	Before	Interior Girder 3	44.9133	0.95	1	1	3.338798
HL93_serv_opr	BOBJ1	84	215.1233	Before	Interior Girder 4	44.9133	0.95	1	1	3.338798
HL93_serv_opr	BOBJ1	84	215.1233	Before	Interior Girder 5	44.9133	0.95	1	1	3.410904
HL93_serv_opr	BOBJ1	84	215.1233	Before	Interior Girder 6	44.9133	0.95	1	1	3.525449
HL93_serv_opr	BOBJ1	84	215.1233	Before	Right Exterior Girder	44.9133	0.95	1	1	4.475672
HL93_serv_opr	BOBJ1	85	215.1233	After	Left Exterior Girder	44.9133	0.95	1	1	4.461023
HL93_serv_opr	BOBJ1	85	215.1233	After	Interior Girder 1	44.9133	0.95	1	1	3.529756
HL93_serv_opr	BOBJ1	85	215.1233	After	Interior Girder 2	44.9133	0.95	1	1	3.358573
HL93_serv_opr	BOBJ1	85	215.1233	After	Interior Girder 3	44.9133	0.95	1	1	3.261795
HL93_serv_opr	BOBJ1	85	215.1233	After	Interior Girder 4	44.9133	0.95	1	1	3.261795
HL93_serv_opr	BOBJ1	85	215.1233	After	Interior Girder 5	44.9133	0.95	1	1	3.358573
HL93_serv_opr	BOBJ1	85	215.1233	After	Interior Girder 6	44.9133	0.95	1	1	3.529756
HL93_serv_opr	BOBJ1	85	215.1233	After	Right Exterior Girder	44.9133	0.95	1	1	4.461023
HL93_serv_opr	BOBJ1	86	221.6967	Before	Left Exterior Girder	51.4867	0.95	1	1	8.803824
HL93_serv_opr	BOBJ1	86	221.6967	Before	Interior Girder 1	51.4867	0.95	1	1	5.739392
HL93_serv_opr	BOBJ1	86	221.6967	Before	Interior Girder 2	51.4867	0.95	1	1	5.562645
HL93_serv_opr	BOBJ1	86	221.6967	Before	Interior Girder 3	51.4867	0.95	1	1	5.149779
HL93_serv_opr	BOBJ1	86	221.6967	Before	Interior Girder 4	51.4867	0.95	1	1	5.149779
HL93_serv_opr	BOBJ1	86	221.6967	Before	Interior Girder 5	51.4867	0.95	1	1	5.562645
HL93_serv_opr	BOBJ1	86	221.6967	Before	Interior Girder 6	51.4867	0.95	1	1	5.739392
HL93_serv_opr	BOBJ1	86	221.6967	Before	Right Exterior Girder	51.4867	0.95	1	1	8.803824
HL93_serv_opr	BOBJ1	87	221.6967	After	Left Exterior Girder	51.4867	0.95	1	1	8.733738
HL93_serv_opr	BOBJ1	87	221.6967	After	Interior Girder 1	51.4867	0.95	1	1	5.776979
HL93_serv_opr	BOBJ1	87	221.6967	After	Interior Girder 2	51.4867	0.95	1	1	5.484858
HL93_serv_opr	BOBJ1	87	221.6967	After	Interior Girder 3	51.4867	0.95	1	1	4.953031
HL93_serv_opr	BOBJ1	87	221.6967	After	Interior Girder 4	51.4867	0.95	1	1	4.953031
HL93_serv_opr	BOBJ1	87	221.6967	After	Interior Girder 5	51.4867	0.95	1	1	5.484858
HL93_serv_opr	BOBJ1	87	221.6967	After	Interior Girder 6	51.4867	0.95	1	1	5.776979
HL93_serv_opr	BOBJ1	87	221.6967	After	Right Exterior Girder	51.4867	0.95	1	1	8.733738
HL93_serv_opr	BOBJ1	88	228.27	Before	Left Exterior Girder	58.06	0.95	1	1	499.244207
HL93_serv_opr	BOBJ1	88	228.27	Before	Interior Girder 1	58.06	0.95	1	1	505.611268
HL93_serv_opr	BOBJ1	88	228.27	Before	Interior Girder 2	58.06	0.95	1	1	274.649737
HL93_serv_opr	BOBJ1	88	228.27	Before	Interior Girder 3	58.06	0.95	1	1	198.576734
HL93_serv_opr	BOBJ1	88	228.27	Before	Interior Girder 4	58.06	0.95	1	1	198.576733
HL93_serv_opr	BOBJ1	88	228.27	Before	Interior Girder 5	58.06	0.95	1	1	274.649737
HL93_serv_opr	BOBJ1	88	228.27	Before	Interior Girder 6	58.06	0.95	1	1	505.611267
HL93_serv_opr	BOBJ1	88	228.27	Before	Right Exterior Girder	58.06	0.95	1	1	499.244207
HL93_serv_inv	BOBJ1	1	0	After	Left Exterior Girder	0	0.95	1	1	541.909069
HL93_serv_inv	BOBJ1	1	0	After	Interior Girder 1	0	0.95	1	1	381.960867
HL93_serv_inv	BOBJ1	1	0	After	Interior Girder 2	0	0.95	1	1	229.663509
HL93_serv_inv	BOBJ1	1	0	After	Interior Girder 3	0	0.95	1	1	185.697621
HL93_serv_inv	BOBJ1	1	0	After	Interior Girder 4	0	0.95	1	1	185.697621
HL93_serv_inv	BOBJ1	1	0	After	Interior Girder 5	0	0.95	1	1	229.663512
HL93_serv_inv	BOBJ1	1	0	After	Interior Girder 6	0	0.95	1	1	381.960866
HL93_serv_inv	BOBJ1	1	0	After	Right Exterior Girder	0	0.95	1	1	541.909069
HL93_serv_inv	BOBJ1	2	5.3833	Before	Left Exterior Girder	5.3833	0.95	1	1	7.676333
HL93_serv_inv	BOBJ1	2	5.3833	Before	Interior Girder 1	5.3833	0.95	1	1	4.994628
HL93_serv_inv	BOBJ1	2	5.3833	Before	Interior Girder 2	5.3833	0.95	1	1	4.740089
HL93_serv_inv	BOBJ1	2	5.3833	Before	Interior Girder 3	5.3833	0.95	1	1	4.164764
HL93_serv_inv	BOBJ1	2	5.3833	Before	Interior Girder 4	5.3833	0.95	1	1	4.164764
HL93_serv_inv	BOBJ1	2	5.3833	Before	Interior Girder 5	5.3833	0.95	1	1	4.740089
HL93_serv_inv	BOBJ1	2	5.3833	Before	Interior Girder 6	5.3833	0.95	1	1	4.994628
HL93_serv_inv	BOBJ1	2	5.3833	Before	Right Exterior Girder	5.3833	0.95	1	1	7.676333
HL93_serv_inv	BOBJ1	3	5.3833	After	Left Exterior Girder	5.3833	0.95	1	1	7.768624
HL93_serv_inv	BOBJ1	3	5.3833	After	Interior Girder 1	5.3833	0.95	1	1	5.004418
HL93_serv_inv	BOBJ1	3	5.3833	After	Interior Girder 2	5.3833	0.95	1	1	4.812926
HL93_serv_inv	BOBJ1	3	5.3833	After	Interior Girder 3	5.3833	0.95	1	1	4.304345
HL93_serv_inv	BOBJ1	3	5.3833	After	Interior Girder 4	5.3833	0.95	1	1	4.304345
HL93_serv_inv	BOBJ1	3	5.3833	After	Interior Girder 5	5.3833	0.95	1	1	4.812926
HL93_serv_inv	BOBJ1	3	5.3833	After	Interior Girder 6	5.3833	0.95	1	1	5.004418
HL93_serv_inv	BOBJ1	3	5.3833	After	Right Exterior Girder	5.3833	0.95	1	1	7.768624
HL93_serv_inv	BOBJ1	4	10.7667	Before	Left Exterior Girder	10.7667	0.95	1	1	4.247028

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Text	Text	Unitless	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
HL93_serv_inv	BOBJ1	4	10.7667	Before	Interior Girder 1	10.7667	0.95	1	1	3.213048
HL93_serv_inv	BOBJ1	4	10.7667	Before	Interior Girder 2	10.7667	0.95	1	1	3.016457
HL93_serv_inv	BOBJ1	4	10.7667	Before	Interior Girder 3	10.7667	0.95	1	1	2.86985
HL93_serv_inv	BOBJ1	4	10.7667	Before	Interior Girder 4	10.7667	0.95	1	1	2.86985
HL93_serv_inv	BOBJ1	4	10.7667	Before	Interior Girder 5	10.7667	0.95	1	1	3.016457
HL93_serv_inv	BOBJ1	4	10.7667	Before	Interior Girder 6	10.7667	0.95	1	1	3.213048
HL93_serv_inv	BOBJ1	4	10.7667	Before	Right Exterior Girder	10.7667	0.95	1	1	4.247028
HL93_serv_inv	BOBJ1	5	10.7667	After	Left Exterior Girder	10.7667	0.95	1	1	4.217848
HL93_serv_inv	BOBJ1	5	10.7667	After	Interior Girder 1	10.7667	0.95	1	1	3.224563
HL93_serv_inv	BOBJ1	5	10.7667	After	Interior Girder 2	10.7667	0.95	1	1	3.061646
HL93_serv_inv	BOBJ1	5	10.7667	After	Interior Girder 3	10.7667	0.95	1	1	2.922846
HL93_serv_inv	BOBJ1	5	10.7667	After	Interior Girder 4	10.7667	0.95	1	1	2.922846
HL93_serv_inv	BOBJ1	5	10.7667	After	Interior Girder 5	10.7667	0.95	1	1	3.061646
HL93_serv_inv	BOBJ1	5	10.7667	After	Interior Girder 6	10.7667	0.95	1	1	3.224563
HL93_serv_inv	BOBJ1	5	10.7667	After	Right Exterior Girder	10.7667	0.95	1	1	4.217848
HL93_serv_inv	BOBJ1	6	16.15	Before	Left Exterior Girder	16.15	0.95	1	1	3.271693
HL93_serv_inv	BOBJ1	6	16.15	Before	Interior Girder 1	16.15	0.95	1	1	2.939278
HL93_serv_inv	BOBJ1	6	16.15	Before	Interior Girder 2	16.15	0.95	1	1	2.737128
HL93_serv_inv	BOBJ1	6	16.15	Before	Interior Girder 3	16.15	0.95	1	1	2.65329
HL93_serv_inv	BOBJ1	6	16.15	Before	Interior Girder 4	16.15	0.95	1	1	2.65329
HL93_serv_inv	BOBJ1	6	16.15	Before	Interior Girder 5	16.15	0.95	1	1	2.737128
HL93_serv_inv	BOBJ1	6	16.15	Before	Interior Girder 6	16.15	0.95	1	1	2.939278
HL93_serv_inv	BOBJ1	6	16.15	Before	Right Exterior Girder	16.15	0.95	1	1	3.271693
HL93_serv_inv	BOBJ1	7	16.15	After	Left Exterior Girder	16.15	0.95	1	1	3.28186
HL93_serv_inv	BOBJ1	7	16.15	After	Interior Girder 1	16.15	0.95	1	1	2.931769
HL93_serv_inv	BOBJ1	7	16.15	After	Interior Girder 2	16.15	0.95	1	1	2.742743
HL93_serv_inv	BOBJ1	7	16.15	After	Interior Girder 3	16.15	0.95	1	1	2.662816
HL93_serv_inv	BOBJ1	7	16.15	After	Interior Girder 4	16.15	0.95	1	1	2.662816
HL93_serv_inv	BOBJ1	7	16.15	After	Interior Girder 5	16.15	0.95	1	1	2.742743
HL93_serv_inv	BOBJ1	7	16.15	After	Interior Girder 6	16.15	0.95	1	1	2.931769
HL93_serv_inv	BOBJ1	7	16.15	After	Right Exterior Girder	16.15	0.95	1	1	3.28186
HL93_serv_inv	BOBJ1	8	22.1267	Before	Left Exterior Girder	22.1267	0.95	1	1	3.572136
HL93_serv_inv	BOBJ1	8	22.1267	Before	Interior Girder 1	22.1267	0.95	1	1	2.822032
HL93_serv_inv	BOBJ1	8	22.1267	Before	Interior Girder 2	22.1267	0.95	1	1	2.671782
HL93_serv_inv	BOBJ1	8	22.1267	Before	Interior Girder 3	22.1267	0.95	1	1	2.560105
HL93_serv_inv	BOBJ1	8	22.1267	Before	Interior Girder 4	22.1267	0.95	1	1	2.560105
HL93_serv_inv	BOBJ1	8	22.1267	Before	Interior Girder 5	22.1267	0.95	1	1	2.671782
HL93_serv_inv	BOBJ1	8	22.1267	Before	Interior Girder 6	22.1267	0.95	1	1	2.822032
HL93_serv_inv	BOBJ1	8	22.1267	Before	Right Exterior Girder	22.1267	0.95	1	1	3.572136
HL93_serv_inv	BOBJ1	9	22.1267	After	Left Exterior Girder	22.1267	0.95	1	1	3.60502
HL93_serv_inv	BOBJ1	9	22.1267	After	Interior Girder 1	22.1267	0.95	1	1	2.812039
HL93_serv_inv	BOBJ1	9	22.1267	After	Interior Girder 2	22.1267	0.95	1	1	2.659097
HL93_serv_inv	BOBJ1	9	22.1267	After	Interior Girder 3	22.1267	0.95	1	1	2.543325
HL93_serv_inv	BOBJ1	9	22.1267	After	Interior Girder 4	22.1267	0.95	1	1	2.543325
HL93_serv_inv	BOBJ1	9	22.1267	After	Interior Girder 5	22.1267	0.95	1	1	2.659097
HL93_serv_inv	BOBJ1	9	22.1267	After	Interior Girder 6	22.1267	0.95	1	1	2.812039
HL93_serv_inv	BOBJ1	9	22.1267	After	Right Exterior Girder	22.1267	0.95	1	1	3.60502
HL93_serv_inv	BOBJ1	10	28.1033	Before	Left Exterior Girder	28.1033	0.95	1	1	4.398351
HL93_serv_inv	BOBJ1	10	28.1033	Before	Interior Girder 1	28.1033	0.95	1	1	3.276159
HL93_serv_inv	BOBJ1	10	28.1033	Before	Interior Girder 2	28.1033	0.95	1	1	3.112235
HL93_serv_inv	BOBJ1	10	28.1033	Before	Interior Girder 3	28.1033	0.95	1	1	2.998666
HL93_serv_inv	BOBJ1	10	28.1033	Before	Interior Girder 4	28.1033	0.95	1	1	2.998666
HL93_serv_inv	BOBJ1	10	28.1033	Before	Interior Girder 5	28.1033	0.95	1	1	3.112235
HL93_serv_inv	BOBJ1	10	28.1033	Before	Interior Girder 6	28.1033	0.95	1	1	3.276159
HL93_serv_inv	BOBJ1	10	28.1033	Before	Right Exterior Girder	28.1033	0.95	1	1	4.398351
HL93_serv_inv	BOBJ1	11	28.1033	After	Left Exterior Girder	28.1033	0.95	1	1	4.343741
HL93_serv_inv	BOBJ1	11	28.1033	After	Interior Girder 1	28.1033	0.95	1	1	3.299512
HL93_serv_inv	BOBJ1	11	28.1033	After	Interior Girder 2	28.1033	0.95	1	1	3.110575
HL93_serv_inv	BOBJ1	11	28.1033	After	Interior Girder 3	28.1033	0.95	1	1	2.970854
HL93_serv_inv	BOBJ1	11	28.1033	After	Interior Girder 4	28.1033	0.95	1	1	2.970854
HL93_serv_inv	BOBJ1	11	28.1033	After	Interior Girder 5	28.1033	0.95	1	1	3.110575
HL93_serv_inv	BOBJ1	11	28.1033	After	Interior Girder 6	28.1033	0.95	1	1	3.299512
HL93_serv_inv	BOBJ1	11	28.1033	After	Right Exterior Girder	28.1033	0.95	1	1	4.343741
HL93_serv_inv	BOBJ1	12	34.08	Before	Left Exterior Girder	34.08	0.95	1	1	3.198287
HL93_serv_inv	BOBJ1	12	34.08	Before	Interior Girder 1	34.08	0.95	1	1	3.196968
HL93_serv_inv	BOBJ1	12	34.08	Before	Interior Girder 2	34.08	0.95	1	1	3.184994
HL93_serv_inv	BOBJ1	12	34.08	Before	Interior Girder 3	34.08	0.95	1	1	3.330216
HL93_serv_inv	BOBJ1	12	34.08	Before	Interior Girder 4	34.08	0.95	1	1	3.330216
HL93_serv_inv	BOBJ1	12	34.08	Before	Interior Girder 5	34.08	0.95	1	1	3.184994
HL93_serv_inv	BOBJ1	12	34.08	Before	Interior Girder 6	34.08	0.95	1	1	3.196968
HL93_serv_inv	BOBJ1	12	34.08	Before	Right Exterior Girder	34.08	0.95	1	1	3.198287
HL93_serv_inv	BOBJ1	13	34.08	After	Left Exterior Girder	34.08	0.95	1	1	3.229794
HL93_serv_inv	BOBJ1	13	34.08	After	Interior Girder 1	34.08	0.95	1	1	3.167146

TABLE: Bridge Super Rating AASHTORATE18 31 - SteelICompServ-Flx - Approach, Span 16-19										
Request	BridgeObj	BridgeCut	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	Unitless	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
HL93_serv_inv	BOBJ1	13	34.08	After	Interior Girder 2	34.08	0.95	1	1	3.166683
HL93_serv_inv	BOBJ1	13	34.08	After	Interior Girder 3	34.08	0.95	1	1	3.333934
HL93_serv_inv	BOBJ1	13	34.08	After	Interior Girder 4	34.08	0.95	1	1	3.333934
HL93_serv_inv	BOBJ1	13	34.08	After	Interior Girder 5	34.08	0.95	1	1	3.166683
HL93_serv_inv	BOBJ1	13	34.08	After	Interior Girder 6	34.08	0.95	1	1	3.167146
HL93_serv_inv	BOBJ1	13	34.08	After	Right Exterior Girder	34.08	0.95	1	1	3.229794
HL93_serv_inv	BOBJ1	14	39.855	Before	Left Exterior Girder	39.855	0.95	1	1	2.169563
HL93_serv_inv	BOBJ1	14	39.855	Before	Interior Girder 1	39.855	0.95	1	1	2.379544
HL93_serv_inv	BOBJ1	14	39.855	Before	Interior Girder 2	39.855	0.95	1	1	2.335538
HL93_serv_inv	BOBJ1	14	39.855	Before	Interior Girder 3	39.855	0.95	1	1	2.266952
HL93_serv_inv	BOBJ1	14	39.855	Before	Interior Girder 4	39.855	0.95	1	1	2.266952
HL93_serv_inv	BOBJ1	14	39.855	Before	Interior Girder 5	39.855	0.95	1	1	2.335538
HL93_serv_inv	BOBJ1	14	39.855	Before	Interior Girder 6	39.855	0.95	1	1	2.379544
HL93_serv_inv	BOBJ1	14	39.855	Before	Right Exterior Girder	39.855	0.95	1	1	2.169563
HL93_serv_inv	BOBJ1	15	39.855	After	Left Exterior Girder	39.855	0.95	1	1	2.209601
HL93_serv_inv	BOBJ1	15	39.855	After	Interior Girder 1	39.855	0.95	1	1	2.342425
HL93_serv_inv	BOBJ1	15	39.855	After	Interior Girder 2	39.855	0.95	1	1	2.317531
HL93_serv_inv	BOBJ1	15	39.855	After	Interior Girder 3	39.855	0.95	1	1	2.26504
HL93_serv_inv	BOBJ1	15	39.855	After	Interior Girder 4	39.855	0.95	1	1	2.26504
HL93_serv_inv	BOBJ1	15	39.855	After	Interior Girder 5	39.855	0.95	1	1	2.317531
HL93_serv_inv	BOBJ1	15	39.855	After	Interior Girder 6	39.855	0.95	1	1	2.342425
HL93_serv_inv	BOBJ1	15	39.855	After	Right Exterior Girder	39.855	0.95	1	1	2.209601
HL93_serv_inv	BOBJ1	16	40.0288	Before	Left Exterior Girder	40.0288	0.95	1	1	2.167226
HL93_serv_inv	BOBJ1	16	40.0288	Before	Right Exterior Girder	40.0288	0.95	1	1	2.167226
HL93_serv_inv	BOBJ1	17	40.0288	After	Left Exterior Girder	40.0288	0.95	1	1	3.11873
HL93_serv_inv	BOBJ1	17	40.0288	After	Right Exterior Girder	40.0288	0.95	1	1	3.11873
HL93_serv_inv	BOBJ1	18	45.63	Before	Left Exterior Girder	45.63	0.95	1	1	2.021812
HL93_serv_inv	BOBJ1	18	45.63	Before	Interior Girder 1	45.63	0.95	1	1	1.565202
HL93_serv_inv	BOBJ1	18	45.63	Before	Interior Girder 2	45.63	0.95	1	1	1.531381
HL93_serv_inv	BOBJ1	18	45.63	Before	Interior Girder 3	45.63	0.95	1	1	1.290453
HL93_serv_inv	BOBJ1	18	45.63	Before	Interior Girder 4	45.63	0.95	1	1	1.290453
HL93_serv_inv	BOBJ1	18	45.63	Before	Interior Girder 5	45.63	0.95	1	1	1.531381
HL93_serv_inv	BOBJ1	18	45.63	Before	Interior Girder 6	45.63	0.95	1	1	1.565202
HL93_serv_inv	BOBJ1	18	45.63	Before	Right Exterior Girder	45.63	0.95	1	1	2.021812
HL93_serv_inv	BOBJ1	19	45.63	After	Left Exterior Girder	0	0.95	1	1	2.00646
HL93_serv_inv	BOBJ1	19	45.63	After	Interior Girder 1	0	0.95	1	1	1.465566
HL93_serv_inv	BOBJ1	19	45.63	After	Interior Girder 2	0	0.95	1	1	1.444263
HL93_serv_inv	BOBJ1	19	45.63	After	Interior Girder 3	0	0.95	1	1	1.211032
HL93_serv_inv	BOBJ1	19	45.63	After	Interior Girder 4	0	0.95	1	1	1.211032
HL93_serv_inv	BOBJ1	19	45.63	After	Interior Girder 5	0	0.95	1	1	1.444263
HL93_serv_inv	BOBJ1	19	45.63	After	Interior Girder 6	0	0.95	1	1	1.465566
HL93_serv_inv	BOBJ1	19	45.63	After	Right Exterior Girder	0	0.95	1	1	2.00646
HL93_serv_inv	BOBJ1	20	50.6298	Before	Left Exterior Girder	4.9998	0.95	1	1	4.919546
HL93_serv_inv	BOBJ1	20	50.6298	Before	Right Exterior Girder	4.9998	0.95	1	1	4.919546
HL93_serv_inv	BOBJ1	21	50.6298	After	Left Exterior Girder	4.9998	0.95	1	1	3.263995
HL93_serv_inv	BOBJ1	21	50.6298	After	Right Exterior Girder	4.9998	0.95	1	1	3.263995
HL93_serv_inv	BOBJ1	22	51.4	Before	Left Exterior Girder	5.77	0.95	1	1	3.881282
HL93_serv_inv	BOBJ1	22	51.4	Before	Interior Girder 1	5.77	0.95	1	1	3.645624
HL93_serv_inv	BOBJ1	22	51.4	Before	Interior Girder 2	5.77	0.95	1	1	3.449394
HL93_serv_inv	BOBJ1	22	51.4	Before	Interior Girder 3	5.77	0.95	1	1	3.209135
HL93_serv_inv	BOBJ1	22	51.4	Before	Interior Girder 4	5.77	0.95	1	1	3.209135
HL93_serv_inv	BOBJ1	22	51.4	Before	Interior Girder 5	5.77	0.95	1	1	3.449394
HL93_serv_inv	BOBJ1	22	51.4	Before	Interior Girder 6	5.77	0.95	1	1	3.645624
HL93_serv_inv	BOBJ1	22	51.4	Before	Right Exterior Girder	5.77	0.95	1	1	3.881282
HL93_serv_inv	BOBJ1	23	51.4	After	Left Exterior Girder	5.77	0.95	1	1	3.797735
HL93_serv_inv	BOBJ1	23	51.4	After	Interior Girder 1	5.77	0.95	1	1	3.713094
HL93_serv_inv	BOBJ1	23	51.4	After	Interior Girder 2	5.77	0.95	1	1	3.442017
HL93_serv_inv	BOBJ1	23	51.4	After	Interior Girder 3	5.77	0.95	1	1	3.171091
HL93_serv_inv	BOBJ1	23	51.4	After	Interior Girder 4	5.77	0.95	1	1	3.171091
HL93_serv_inv	BOBJ1	23	51.4	After	Interior Girder 5	5.77	0.95	1	1	3.442017
HL93_serv_inv	BOBJ1	23	51.4	After	Interior Girder 6	5.77	0.95	1	1	3.713094
HL93_serv_inv	BOBJ1	23	51.4	After	Right Exterior Girder	5.77	0.95	1	1	3.797735
HL93_serv_inv	BOBJ1	24	57.17	Before	Left Exterior Girder	11.54	0.95	1	1	6.37119
HL93_serv_inv	BOBJ1	24	57.17	Before	Interior Girder 1	11.54	0.95	1	1	5.63608
HL93_serv_inv	BOBJ1	24	57.17	Before	Interior Girder 2	11.54	0.95	1	1	5.258666
HL93_serv_inv	BOBJ1	24	57.17	Before	Interior Girder 3	11.54	0.95	1	1	5.582952
HL93_serv_inv	BOBJ1	24	57.17	Before	Interior Girder 4	11.54	0.95	1	1	5.582952
HL93_serv_inv	BOBJ1	24	57.17	Before	Interior Girder 5	11.54	0.95	1	1	5.258666
HL93_serv_inv	BOBJ1	24	57.17	Before	Interior Girder 6	11.54	0.95	1	1	5.63608
HL93_serv_inv	BOBJ1	24	57.17	Before	Right Exterior Girder	11.54	0.95	1	1	6.37119
HL93_serv_inv	BOBJ1	25	57.17	After	Left Exterior Girder	11.54	0.95	1	1	6.279176
HL93_serv_inv	BOBJ1	25	57.17	After	Interior Girder 1	11.54	0.95	1	1	5.694702
HL93_serv_inv	BOBJ1	25	57.17	After	Interior Girder 2	11.54	0.95	1	1	5.323171

TABLE: Bridge Super Rating AASHTORATE18 31 - SteelICompServ-Flx - Approach, Span 16-19										
Request	BridgeObj	BridgeCut	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	Unitless	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
HL93_serv_inv	BOBJ1	25	57.17	After	Interior Girder 3	11.54	0.95	1	1	5.60016
HL93_serv_inv	BOBJ1	25	57.17	After	Interior Girder 4	11.54	0.95	1	1	5.60016
HL93_serv_inv	BOBJ1	25	57.17	After	Interior Girder 5	11.54	0.95	1	1	5.323171
HL93_serv_inv	BOBJ1	25	57.17	After	Interior Girder 6	11.54	0.95	1	1	5.694702
HL93_serv_inv	BOBJ1	25	57.17	After	Right Exterior Girder	11.54	0.95	1	1	6.279176
HL93_serv_inv	BOBJ1	26	63.34	Before	Left Exterior Girder	17.71	0.95	1	1	4.212955
HL93_serv_inv	BOBJ1	26	63.34	Before	Interior Girder 1	17.71	0.95	1	1	3.307586
HL93_serv_inv	BOBJ1	26	63.34	Before	Interior Girder 2	17.71	0.95	1	1	3.117936
HL93_serv_inv	BOBJ1	26	63.34	Before	Interior Girder 3	17.71	0.95	1	1	2.9907
HL93_serv_inv	BOBJ1	26	63.34	Before	Interior Girder 4	17.71	0.95	1	1	2.9907
HL93_serv_inv	BOBJ1	26	63.34	Before	Interior Girder 5	17.71	0.95	1	1	3.117936
HL93_serv_inv	BOBJ1	26	63.34	Before	Interior Girder 6	17.71	0.95	1	1	3.307586
HL93_serv_inv	BOBJ1	26	63.34	Before	Right Exterior Girder	17.71	0.95	1	1	4.212955
HL93_serv_inv	BOBJ1	27	63.34	After	Left Exterior Girder	17.71	0.95	1	1	4.333397
HL93_serv_inv	BOBJ1	27	63.34	After	Interior Girder 1	17.71	0.95	1	1	3.254783
HL93_serv_inv	BOBJ1	27	63.34	After	Interior Girder 2	17.71	0.95	1	1	3.110487
HL93_serv_inv	BOBJ1	27	63.34	After	Interior Girder 3	17.71	0.95	1	1	3.035608
HL93_serv_inv	BOBJ1	27	63.34	After	Interior Girder 4	17.71	0.95	1	1	3.035608
HL93_serv_inv	BOBJ1	27	63.34	After	Interior Girder 5	17.71	0.95	1	1	3.110487
HL93_serv_inv	BOBJ1	27	63.34	After	Interior Girder 6	17.71	0.95	1	1	3.254783
HL93_serv_inv	BOBJ1	27	63.34	After	Right Exterior Girder	17.71	0.95	1	1	4.333397
HL93_serv_inv	BOBJ1	28	69.51	Before	Left Exterior Girder	23.88	0.95	1	1	2.685037
HL93_serv_inv	BOBJ1	28	69.51	Before	Interior Girder 1	23.88	0.95	1	1	2.326211
HL93_serv_inv	BOBJ1	28	69.51	Before	Interior Girder 2	23.88	0.95	1	1	2.248457
HL93_serv_inv	BOBJ1	28	69.51	Before	Interior Girder 3	23.88	0.95	1	1	2.213475
HL93_serv_inv	BOBJ1	28	69.51	Before	Interior Girder 4	23.88	0.95	1	1	2.213475
HL93_serv_inv	BOBJ1	28	69.51	Before	Interior Girder 5	23.88	0.95	1	1	2.248457
HL93_serv_inv	BOBJ1	28	69.51	Before	Interior Girder 6	23.88	0.95	1	1	2.326211
HL93_serv_inv	BOBJ1	28	69.51	Before	Right Exterior Girder	23.88	0.95	1	1	2.685037
HL93_serv_inv	BOBJ1	29	69.51	After	Left Exterior Girder	23.88	0.95	1	1	2.695269
HL93_serv_inv	BOBJ1	29	69.51	After	Interior Girder 1	23.88	0.95	1	1	2.328546
HL93_serv_inv	BOBJ1	29	69.51	After	Interior Girder 2	23.88	0.95	1	1	2.262022
HL93_serv_inv	BOBJ1	29	69.51	After	Interior Girder 3	23.88	0.95	1	1	2.238994
HL93_serv_inv	BOBJ1	29	69.51	After	Interior Girder 4	23.88	0.95	1	1	2.238994
HL93_serv_inv	BOBJ1	29	69.51	After	Interior Girder 5	23.88	0.95	1	1	2.262022
HL93_serv_inv	BOBJ1	29	69.51	After	Interior Girder 6	23.88	0.95	1	1	2.328546
HL93_serv_inv	BOBJ1	29	69.51	After	Right Exterior Girder	23.88	0.95	1	1	2.695269
HL93_serv_inv	BOBJ1	30	75.68	Before	Left Exterior Girder	30.05	0.95	1	1	2.064078
HL93_serv_inv	BOBJ1	30	75.68	Before	Interior Girder 1	30.05	0.95	1	1	2.090503
HL93_serv_inv	BOBJ1	30	75.68	Before	Interior Girder 2	30.05	0.95	1	1	2.038915
HL93_serv_inv	BOBJ1	30	75.68	Before	Interior Girder 3	30.05	0.95	1	1	2.04889
HL93_serv_inv	BOBJ1	30	75.68	Before	Interior Girder 4	30.05	0.95	1	1	2.04889
HL93_serv_inv	BOBJ1	30	75.68	Before	Interior Girder 5	30.05	0.95	1	1	2.038915
HL93_serv_inv	BOBJ1	30	75.68	Before	Interior Girder 6	30.05	0.95	1	1	2.090503
HL93_serv_inv	BOBJ1	30	75.68	Before	Right Exterior Girder	30.05	0.95	1	1	2.064078
HL93_serv_inv	BOBJ1	31	75.68	After	Left Exterior Girder	30.05	0.95	1	1	2.075018
HL93_serv_inv	BOBJ1	31	75.68	After	Interior Girder 1	30.05	0.95	1	1	2.084295
HL93_serv_inv	BOBJ1	31	75.68	After	Interior Girder 2	30.05	0.95	1	1	2.035349
HL93_serv_inv	BOBJ1	31	75.68	After	Interior Girder 3	30.05	0.95	1	1	2.052098
HL93_serv_inv	BOBJ1	31	75.68	After	Interior Girder 4	30.05	0.95	1	1	2.052098
HL93_serv_inv	BOBJ1	31	75.68	After	Interior Girder 5	30.05	0.95	1	1	2.035349
HL93_serv_inv	BOBJ1	31	75.68	After	Interior Girder 6	30.05	0.95	1	1	2.084295
HL93_serv_inv	BOBJ1	31	75.68	After	Right Exterior Girder	30.05	0.95	1	1	2.075018
HL93_serv_inv	BOBJ1	32	81.8467	Before	Left Exterior Girder	36.2167	0.95	1	1	2.150445
HL93_serv_inv	BOBJ1	32	81.8467	Before	Interior Girder 1	36.2167	0.95	1	1	1.957036
HL93_serv_inv	BOBJ1	32	81.8467	Before	Interior Girder 2	36.2167	0.95	1	1	1.921411
HL93_serv_inv	BOBJ1	32	81.8467	Before	Interior Girder 3	36.2167	0.95	1	1	1.909129
HL93_serv_inv	BOBJ1	32	81.8467	Before	Interior Girder 4	36.2167	0.95	1	1	1.909129
HL93_serv_inv	BOBJ1	32	81.8467	Before	Interior Girder 5	36.2167	0.95	1	1	1.921411
HL93_serv_inv	BOBJ1	32	81.8467	Before	Interior Girder 6	36.2167	0.95	1	1	1.957036
HL93_serv_inv	BOBJ1	32	81.8467	Before	Right Exterior Girder	36.2167	0.95	1	1	2.150445
HL93_serv_inv	BOBJ1	33	81.8467	After	Left Exterior Girder	36.2167	0.95	1	1	2.159265
HL93_serv_inv	BOBJ1	33	81.8467	After	Interior Girder 1	36.2167	0.95	1	1	1.944948
HL93_serv_inv	BOBJ1	33	81.8467	After	Interior Girder 2	36.2167	0.95	1	1	1.912608
HL93_serv_inv	BOBJ1	33	81.8467	After	Interior Girder 3	36.2167	0.95	1	1	1.896301
HL93_serv_inv	BOBJ1	33	81.8467	After	Interior Girder 4	36.2167	0.95	1	1	1.896301
HL93_serv_inv	BOBJ1	33	81.8467	After	Interior Girder 5	36.2167	0.95	1	1	1.912608
HL93_serv_inv	BOBJ1	33	81.8467	After	Interior Girder 6	36.2167	0.95	1	1	1.944948
HL93_serv_inv	BOBJ1	33	81.8467	After	Right Exterior Girder	36.2167	0.95	1	1	2.159265
HL93_serv_inv	BOBJ1	34	88.0133	Before	Left Exterior Girder	42.3833	0.95	1	1	2.55041
HL93_serv_inv	BOBJ1	34	88.0133	Before	Interior Girder 1	42.3833	0.95	1	1	2.186573
HL93_serv_inv	BOBJ1	34	88.0133	Before	Interior Girder 2	42.3833	0.95	1	1	2.142413
HL93_serv_inv	BOBJ1	34	88.0133	Before	Interior Girder 3	42.3833	0.95	1	1	2.117104

TABLE: Bridge Super Rating AASHTORATE18 31 - SteelICompServ-Flx - Approach, Span 16-19										
Request	BridgeObj	BridgeCut	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	Unitless	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
HL93_serv_inv	BOBJ1	34	88.0133	Before	Interior Girder 4	42.3833	0.95	1	1	2.117104
HL93_serv_inv	BOBJ1	34	88.0133	Before	Interior Girder 5	42.3833	0.95	1	1	2.142413
HL93_serv_inv	BOBJ1	34	88.0133	Before	Interior Girder 6	42.3833	0.95	1	1	2.186573
HL93_serv_inv	BOBJ1	34	88.0133	Before	Right Exterior Girder	42.3833	0.95	1	1	2.55041
HL93_serv_inv	BOBJ1	35	88.0133	After	Left Exterior Girder	42.3833	0.95	1	1	2.497248
HL93_serv_inv	BOBJ1	35	88.0133	After	Interior Girder 1	42.3833	0.95	1	1	2.211292
HL93_serv_inv	BOBJ1	35	88.0133	After	Interior Girder 2	42.3833	0.95	1	1	2.150951
HL93_serv_inv	BOBJ1	35	88.0133	After	Interior Girder 3	42.3833	0.95	1	1	2.104971
HL93_serv_inv	BOBJ1	35	88.0133	After	Interior Girder 4	42.3833	0.95	1	1	2.104971
HL93_serv_inv	BOBJ1	35	88.0133	After	Interior Girder 5	42.3833	0.95	1	1	2.150951
HL93_serv_inv	BOBJ1	35	88.0133	After	Interior Girder 6	42.3833	0.95	1	1	2.211292
HL93_serv_inv	BOBJ1	35	88.0133	After	Right Exterior Girder	42.3833	0.95	1	1	2.497248
HL93_serv_inv	BOBJ1	36	94.18	Before	Left Exterior Girder	48.55	0.95	1	1	3.384222
HL93_serv_inv	BOBJ1	36	94.18	Before	Interior Girder 1	48.55	0.95	1	1	3.222154
HL93_serv_inv	BOBJ1	36	94.18	Before	Interior Girder 2	48.55	0.95	1	1	2.994499
HL93_serv_inv	BOBJ1	36	94.18	Before	Interior Girder 3	48.55	0.95	1	1	2.981843
HL93_serv_inv	BOBJ1	36	94.18	Before	Interior Girder 4	48.55	0.95	1	1	2.981843
HL93_serv_inv	BOBJ1	36	94.18	Before	Interior Girder 5	48.55	0.95	1	1	2.994499
HL93_serv_inv	BOBJ1	36	94.18	Before	Interior Girder 6	48.55	0.95	1	1	3.222154
HL93_serv_inv	BOBJ1	36	94.18	Before	Right Exterior Girder	48.55	0.95	1	1	3.384222
HL93_serv_inv	BOBJ1	37	94.18	After	Left Exterior Girder	48.55	0.95	1	1	3.321898
HL93_serv_inv	BOBJ1	37	94.18	After	Interior Girder 1	48.55	0.95	1	1	3.253966
HL93_serv_inv	BOBJ1	37	94.18	After	Interior Girder 2	48.55	0.95	1	1	3.00565
HL93_serv_inv	BOBJ1	37	94.18	After	Interior Girder 3	48.55	0.95	1	1	2.953026
HL93_serv_inv	BOBJ1	37	94.18	After	Interior Girder 4	48.55	0.95	1	1	2.953026
HL93_serv_inv	BOBJ1	37	94.18	After	Interior Girder 5	48.55	0.95	1	1	3.00565
HL93_serv_inv	BOBJ1	37	94.18	After	Interior Girder 6	48.55	0.95	1	1	3.253966
HL93_serv_inv	BOBJ1	37	94.18	After	Right Exterior Girder	48.55	0.95	1	1	3.321898
HL93_serv_inv	BOBJ1	38	100.3567	Before	Left Exterior Girder	54.7267	0.95	1	1	5.192497
HL93_serv_inv	BOBJ1	38	100.3567	Before	Interior Girder 1	54.7267	0.95	1	1	4.983239
HL93_serv_inv	BOBJ1	38	100.3567	Before	Interior Girder 2	54.7267	0.95	1	1	4.682839
HL93_serv_inv	BOBJ1	38	100.3567	Before	Interior Girder 3	54.7267	0.95	1	1	4.719247
HL93_serv_inv	BOBJ1	38	100.3567	Before	Interior Girder 4	54.7267	0.95	1	1	4.719247
HL93_serv_inv	BOBJ1	38	100.3567	Before	Interior Girder 5	54.7267	0.95	1	1	4.682839
HL93_serv_inv	BOBJ1	38	100.3567	Before	Interior Girder 6	54.7267	0.95	1	1	4.983239
HL93_serv_inv	BOBJ1	38	100.3567	Before	Right Exterior Girder	54.7267	0.95	1	1	5.192497
HL93_serv_inv	BOBJ1	39	100.3567	After	Left Exterior Girder	54.7267	0.95	1	1	5.273575
HL93_serv_inv	BOBJ1	39	100.3567	After	Interior Girder 1	54.7267	0.95	1	1	4.913338
HL93_serv_inv	BOBJ1	39	100.3567	After	Interior Girder 2	54.7267	0.95	1	1	4.639029
HL93_serv_inv	BOBJ1	39	100.3567	After	Interior Girder 3	54.7267	0.95	1	1	4.577291
HL93_serv_inv	BOBJ1	39	100.3567	After	Interior Girder 4	54.7267	0.95	1	1	4.577291
HL93_serv_inv	BOBJ1	39	100.3567	After	Interior Girder 5	54.7267	0.95	1	1	4.639029
HL93_serv_inv	BOBJ1	39	100.3567	After	Interior Girder 6	54.7267	0.95	1	1	4.913338
HL93_serv_inv	BOBJ1	39	100.3567	After	Right Exterior Girder	54.7267	0.95	1	1	5.273575
HL93_serv_inv	BOBJ1	40	106.5333	Before	Left Exterior Girder	60.9033	0.95	1	1	3.29034
HL93_serv_inv	BOBJ1	40	106.5333	Before	Interior Girder 1	60.9033	0.95	1	1	3.279833
HL93_serv_inv	BOBJ1	40	106.5333	Before	Interior Girder 2	60.9033	0.95	1	1	3.089243
HL93_serv_inv	BOBJ1	40	106.5333	Before	Interior Girder 3	60.9033	0.95	1	1	2.912094
HL93_serv_inv	BOBJ1	40	106.5333	Before	Interior Girder 4	60.9033	0.95	1	1	2.912094
HL93_serv_inv	BOBJ1	40	106.5333	Before	Interior Girder 5	60.9033	0.95	1	1	3.089243
HL93_serv_inv	BOBJ1	40	106.5333	Before	Interior Girder 6	60.9033	0.95	1	1	3.279833
HL93_serv_inv	BOBJ1	40	106.5333	Before	Right Exterior Girder	60.9033	0.95	1	1	3.29034
HL93_serv_inv	BOBJ1	41	106.5333	After	Left Exterior Girder	60.9033	0.95	1	1	3.371134
HL93_serv_inv	BOBJ1	41	106.5333	After	Interior Girder 1	60.9033	0.95	1	1	3.200298
HL93_serv_inv	BOBJ1	41	106.5333	After	Interior Girder 2	60.9033	0.95	1	1	3.042641
HL93_serv_inv	BOBJ1	41	106.5333	After	Interior Girder 3	60.9033	0.95	1	1	2.876714
HL93_serv_inv	BOBJ1	41	106.5333	After	Interior Girder 4	60.9033	0.95	1	1	2.876714
HL93_serv_inv	BOBJ1	41	106.5333	After	Interior Girder 5	60.9033	0.95	1	1	3.042641
HL93_serv_inv	BOBJ1	41	106.5333	After	Interior Girder 6	60.9033	0.95	1	1	3.200298
HL93_serv_inv	BOBJ1	41	106.5333	After	Right Exterior Girder	60.9033	0.95	1	1	3.371134
HL93_serv_inv	BOBJ1	42	108.2102	Before	Left Exterior Girder	62.5802	0.95	1	1	2.786767
HL93_serv_inv	BOBJ1	42	108.2102	Before	Right Exterior Girder	62.5802	0.95	1	1	2.786767
HL93_serv_inv	BOBJ1	43	108.2102	After	Left Exterior Girder	62.5802	0.95	1	1	4.108466
HL93_serv_inv	BOBJ1	43	108.2102	After	Right Exterior Girder	62.5802	0.95	1	1	4.108466
HL93_serv_inv	BOBJ1	44	112.71	Before	Left Exterior Girder	67.08	0.95	1	1	2.138159
HL93_serv_inv	BOBJ1	44	112.71	Before	Interior Girder 1	67.08	0.95	1	1	1.447408
HL93_serv_inv	BOBJ1	44	112.71	Before	Interior Girder 2	67.08	0.95	1	1	1.423504
HL93_serv_inv	BOBJ1	44	112.71	Before	Interior Girder 3	67.08	0.95	1	1	1.219421
HL93_serv_inv	BOBJ1	44	112.71	Before	Interior Girder 4	67.08	0.95	1	1	1.219421
HL93_serv_inv	BOBJ1	44	112.71	Before	Interior Girder 5	67.08	0.95	1	1	1.423504
HL93_serv_inv	BOBJ1	44	112.71	Before	Interior Girder 6	67.08	0.95	1	1	1.447408
HL93_serv_inv	BOBJ1	44	112.71	Before	Right Exterior Girder	67.08	0.95	1	1	2.138159
HL93_serv_inv	BOBJ1	45	112.71	After	Left Exterior Girder	0	0.95	1	1	2.162562

TABLE: Bridge Super Rating AASHTORATE18 31 - SteelICompServ-Flx - Approach, Span 16-19										
Request	BridgeObj	BridgeCut	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	Unitless	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
HL93_serv_inv	BOBJ1	45	112.71	After	Interior Girder 1	0	0.95	1	1	1.539723
HL93_serv_inv	BOBJ1	45	112.71	After	Interior Girder 2	0	0.95	1	1	1.493359
HL93_serv_inv	BOBJ1	45	112.71	After	Interior Girder 3	0	0.95	1	1	1.273263
HL93_serv_inv	BOBJ1	45	112.71	After	Interior Girder 4	0	0.95	1	1	1.273263
HL93_serv_inv	BOBJ1	45	112.71	After	Interior Girder 5	0	0.95	1	1	1.493359
HL93_serv_inv	BOBJ1	45	112.71	After	Interior Girder 6	0	0.95	1	1	1.539723
HL93_serv_inv	BOBJ1	45	112.71	After	Right Exterior Girder	0	0.95	1	1	2.162562
HL93_serv_inv	BOBJ1	46	117.21	Before	Left Exterior Girder	4.5	0.95	1	1	3.056544
HL93_serv_inv	BOBJ1	46	117.21	Before	Right Exterior Girder	4.5	0.95	1	1	3.056544
HL93_serv_inv	BOBJ1	47	117.21	After	Left Exterior Girder	4.5	0.95	1	1	2.073285
HL93_serv_inv	BOBJ1	47	117.21	After	Right Exterior Girder	4.5	0.95	1	1	2.073285
HL93_serv_inv	BOBJ1	48	119.1	Before	Left Exterior Girder	6.39	0.95	1	1	2.46563
HL93_serv_inv	BOBJ1	48	119.1	Before	Interior Girder 1	6.39	0.95	1	1	2.505404
HL93_serv_inv	BOBJ1	48	119.1	Before	Interior Girder 2	6.39	0.95	1	1	2.459148
HL93_serv_inv	BOBJ1	48	119.1	Before	Interior Girder 3	6.39	0.95	1	1	2.391117
HL93_serv_inv	BOBJ1	48	119.1	Before	Interior Girder 4	6.39	0.95	1	1	2.391117
HL93_serv_inv	BOBJ1	48	119.1	Before	Interior Girder 5	6.39	0.95	1	1	2.459148
HL93_serv_inv	BOBJ1	48	119.1	Before	Interior Girder 6	6.39	0.95	1	1	2.505404
HL93_serv_inv	BOBJ1	48	119.1	Before	Right Exterior Girder	6.39	0.95	1	1	2.46563
HL93_serv_inv	BOBJ1	49	119.1	After	Left Exterior Girder	6.39	0.95	1	1	2.41916
HL93_serv_inv	BOBJ1	49	119.1	After	Interior Girder 1	6.39	0.95	1	1	2.560076
HL93_serv_inv	BOBJ1	49	119.1	After	Interior Girder 2	6.39	0.95	1	1	2.487387
HL93_serv_inv	BOBJ1	49	119.1	After	Interior Girder 3	6.39	0.95	1	1	2.412997
HL93_serv_inv	BOBJ1	49	119.1	After	Interior Girder 4	6.39	0.95	1	1	2.412997
HL93_serv_inv	BOBJ1	49	119.1	After	Interior Girder 5	6.39	0.95	1	1	2.487387
HL93_serv_inv	BOBJ1	49	119.1	After	Interior Girder 6	6.39	0.95	1	1	2.560076
HL93_serv_inv	BOBJ1	49	119.1	After	Right Exterior Girder	6.39	0.95	1	1	2.41916
HL93_serv_inv	BOBJ1	50	125.49	Before	Left Exterior Girder	12.78	0.95	1	1	3.606466
HL93_serv_inv	BOBJ1	50	125.49	Before	Interior Girder 1	12.78	0.95	1	1	3.492958
HL93_serv_inv	BOBJ1	50	125.49	Before	Interior Girder 2	12.78	0.95	1	1	3.482114
HL93_serv_inv	BOBJ1	50	125.49	Before	Interior Girder 3	12.78	0.95	1	1	3.568814
HL93_serv_inv	BOBJ1	50	125.49	Before	Interior Girder 4	12.78	0.95	1	1	3.568814
HL93_serv_inv	BOBJ1	50	125.49	Before	Interior Girder 5	12.78	0.95	1	1	3.482114
HL93_serv_inv	BOBJ1	50	125.49	Before	Interior Girder 6	12.78	0.95	1	1	3.492958
HL93_serv_inv	BOBJ1	50	125.49	Before	Right Exterior Girder	12.78	0.95	1	1	3.606466
HL93_serv_inv	BOBJ1	51	125.49	After	Left Exterior Girder	12.78	0.95	1	1	3.569558
HL93_serv_inv	BOBJ1	51	125.49	After	Interior Girder 1	12.78	0.95	1	1	3.528727
HL93_serv_inv	BOBJ1	51	125.49	After	Interior Girder 2	12.78	0.95	1	1	3.505662
HL93_serv_inv	BOBJ1	51	125.49	After	Interior Girder 3	12.78	0.95	1	1	3.573733
HL93_serv_inv	BOBJ1	51	125.49	After	Interior Girder 4	12.78	0.95	1	1	3.573733
HL93_serv_inv	BOBJ1	51	125.49	After	Interior Girder 5	12.78	0.95	1	1	3.505662
HL93_serv_inv	BOBJ1	51	125.49	After	Interior Girder 6	12.78	0.95	1	1	3.528727
HL93_serv_inv	BOBJ1	51	125.49	After	Right Exterior Girder	12.78	0.95	1	1	3.569558
HL93_serv_inv	BOBJ1	52	131.88	Before	Left Exterior Girder	19.17	0.95	1	1	3.657112
HL93_serv_inv	BOBJ1	52	131.88	Before	Interior Girder 1	19.17	0.95	1	1	3.53966
HL93_serv_inv	BOBJ1	52	131.88	Before	Interior Girder 2	19.17	0.95	1	1	3.231186
HL93_serv_inv	BOBJ1	52	131.88	Before	Interior Girder 3	19.17	0.95	1	1	3.134273
HL93_serv_inv	BOBJ1	52	131.88	Before	Interior Girder 4	19.17	0.95	1	1	3.134273
HL93_serv_inv	BOBJ1	52	131.88	Before	Interior Girder 5	19.17	0.95	1	1	3.231186
HL93_serv_inv	BOBJ1	52	131.88	Before	Interior Girder 6	19.17	0.95	1	1	3.53966
HL93_serv_inv	BOBJ1	52	131.88	Before	Right Exterior Girder	19.17	0.95	1	1	3.657112
HL93_serv_inv	BOBJ1	53	131.88	After	Left Exterior Girder	19.17	0.95	1	1	3.683224
HL93_serv_inv	BOBJ1	53	131.88	After	Interior Girder 1	19.17	0.95	1	1	3.526007
HL93_serv_inv	BOBJ1	53	131.88	After	Interior Girder 2	19.17	0.95	1	1	3.224583
HL93_serv_inv	BOBJ1	53	131.88	After	Interior Girder 3	19.17	0.95	1	1	3.156845
HL93_serv_inv	BOBJ1	53	131.88	After	Interior Girder 4	19.17	0.95	1	1	3.156845
HL93_serv_inv	BOBJ1	53	131.88	After	Interior Girder 5	19.17	0.95	1	1	3.224583
HL93_serv_inv	BOBJ1	53	131.88	After	Interior Girder 6	19.17	0.95	1	1	3.526007
HL93_serv_inv	BOBJ1	53	131.88	After	Right Exterior Girder	19.17	0.95	1	1	3.683224
HL93_serv_inv	BOBJ1	54	138.27	Before	Left Exterior Girder	25.56	0.95	1	1	3.291443
HL93_serv_inv	BOBJ1	54	138.27	Before	Interior Girder 1	25.56	0.95	1	1	2.757806
HL93_serv_inv	BOBJ1	54	138.27	Before	Interior Girder 2	25.56	0.95	1	1	2.615103
HL93_serv_inv	BOBJ1	54	138.27	Before	Interior Girder 3	25.56	0.95	1	1	2.507954
HL93_serv_inv	BOBJ1	54	138.27	Before	Interior Girder 4	25.56	0.95	1	1	2.507954
HL93_serv_inv	BOBJ1	54	138.27	Before	Interior Girder 5	25.56	0.95	1	1	2.615103
HL93_serv_inv	BOBJ1	54	138.27	Before	Interior Girder 6	25.56	0.95	1	1	2.757806
HL93_serv_inv	BOBJ1	54	138.27	Before	Right Exterior Girder	25.56	0.95	1	1	3.291443
HL93_serv_inv	BOBJ1	55	138.27	After	Left Exterior Girder	25.56	0.95	1	1	3.32894
HL93_serv_inv	BOBJ1	55	138.27	After	Interior Girder 1	25.56	0.95	1	1	2.740606
HL93_serv_inv	BOBJ1	55	138.27	After	Interior Girder 2	25.56	0.95	1	1	2.608921
HL93_serv_inv	BOBJ1	55	138.27	After	Interior Girder 3	25.56	0.95	1	1	2.514928
HL93_serv_inv	BOBJ1	55	138.27	After	Interior Girder 4	25.56	0.95	1	1	2.514928
HL93_serv_inv	BOBJ1	55	138.27	After	Interior Girder 5	25.56	0.95	1	1	2.608921

TABLE: Bridge Super Rating AASHTORATE18 31 - SteelICompServ-Flx - Approach, Span 16-19										
Request	BridgeObj	BridgeCut	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	Unitless	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
HL93_serv_inv	BOBJ1	55	138.27	After	Interior Girder 6	25.56	0.95	1	1	2.740606
HL93_serv_inv	BOBJ1	55	138.27	After	Right Exterior Girder	25.56	0.95	1	1	3.32894
HL93_serv_inv	BOBJ1	56	144.66	Before	Left Exterior Girder	31.95	0.95	1	1	3.409425
HL93_serv_inv	BOBJ1	56	144.66	Before	Interior Girder 1	31.95	0.95	1	1	2.774823
HL93_serv_inv	BOBJ1	56	144.66	Before	Interior Girder 2	31.95	0.95	1	1	2.642742
HL93_serv_inv	BOBJ1	56	144.66	Before	Interior Girder 3	31.95	0.95	1	1	2.547003
HL93_serv_inv	BOBJ1	56	144.66	Before	Interior Girder 4	31.95	0.95	1	1	2.547003
HL93_serv_inv	BOBJ1	56	144.66	Before	Interior Girder 5	31.95	0.95	1	1	2.642742
HL93_serv_inv	BOBJ1	56	144.66	Before	Interior Girder 6	31.95	0.95	1	1	2.774823
HL93_serv_inv	BOBJ1	56	144.66	Before	Right Exterior Girder	31.95	0.95	1	1	3.409425
HL93_serv_inv	BOBJ1	57	144.66	After	Left Exterior Girder	31.95	0.95	1	1	3.360509
HL93_serv_inv	BOBJ1	57	144.66	After	Interior Girder 1	31.95	0.95	1	1	2.798446
HL93_serv_inv	BOBJ1	57	144.66	After	Interior Girder 2	31.95	0.95	1	1	2.648254
HL93_serv_inv	BOBJ1	57	144.66	After	Interior Girder 3	31.95	0.95	1	1	2.53548
HL93_serv_inv	BOBJ1	57	144.66	After	Interior Girder 4	31.95	0.95	1	1	2.53548
HL93_serv_inv	BOBJ1	57	144.66	After	Interior Girder 5	31.95	0.95	1	1	2.648254
HL93_serv_inv	BOBJ1	57	144.66	After	Interior Girder 6	31.95	0.95	1	1	2.798446
HL93_serv_inv	BOBJ1	57	144.66	After	Right Exterior Girder	31.95	0.95	1	1	3.360509
HL93_serv_inv	BOBJ1	58	151.05	Before	Left Exterior Girder	38.34	0.95	1	1	3.965495
HL93_serv_inv	BOBJ1	58	151.05	Before	Interior Girder 1	38.34	0.95	1	1	3.680739
HL93_serv_inv	BOBJ1	58	151.05	Before	Interior Girder 2	38.34	0.95	1	1	3.351216
HL93_serv_inv	BOBJ1	58	151.05	Before	Interior Girder 3	38.34	0.95	1	1	3.271557
HL93_serv_inv	BOBJ1	58	151.05	Before	Interior Girder 4	38.34	0.95	1	1	3.271557
HL93_serv_inv	BOBJ1	58	151.05	Before	Interior Girder 5	38.34	0.95	1	1	3.351216
HL93_serv_inv	BOBJ1	58	151.05	Before	Interior Girder 6	38.34	0.95	1	1	3.680739
HL93_serv_inv	BOBJ1	58	151.05	Before	Right Exterior Girder	38.34	0.95	1	1	3.965495
HL93_serv_inv	BOBJ1	59	151.05	After	Left Exterior Girder	38.34	0.95	1	1	3.92512
HL93_serv_inv	BOBJ1	59	151.05	After	Interior Girder 1	38.34	0.95	1	1	3.705263
HL93_serv_inv	BOBJ1	59	151.05	After	Interior Girder 2	38.34	0.95	1	1	3.358087
HL93_serv_inv	BOBJ1	59	151.05	After	Interior Girder 3	38.34	0.95	1	1	3.242469
HL93_serv_inv	BOBJ1	59	151.05	After	Interior Girder 4	38.34	0.95	1	1	3.242469
HL93_serv_inv	BOBJ1	59	151.05	After	Interior Girder 5	38.34	0.95	1	1	3.358087
HL93_serv_inv	BOBJ1	59	151.05	After	Interior Girder 6	38.34	0.95	1	1	3.705263
HL93_serv_inv	BOBJ1	59	151.05	After	Right Exterior Girder	38.34	0.95	1	1	3.92512
HL93_serv_inv	BOBJ1	60	157.4367	Before	Left Exterior Girder	44.7267	0.95	1	1	3.758998
HL93_serv_inv	BOBJ1	60	157.4367	Before	Interior Girder 1	44.7267	0.95	1	1	3.81834
HL93_serv_inv	BOBJ1	60	157.4367	Before	Interior Girder 2	44.7267	0.95	1	1	3.696188
HL93_serv_inv	BOBJ1	60	157.4367	Before	Interior Girder 3	44.7267	0.95	1	1	3.762547
HL93_serv_inv	BOBJ1	60	157.4367	Before	Interior Girder 4	44.7267	0.95	1	1	3.762547
HL93_serv_inv	BOBJ1	60	157.4367	Before	Interior Girder 5	44.7267	0.95	1	1	3.696188
HL93_serv_inv	BOBJ1	60	157.4367	Before	Interior Girder 6	44.7267	0.95	1	1	3.81834
HL93_serv_inv	BOBJ1	60	157.4367	Before	Right Exterior Girder	44.7267	0.95	1	1	3.758998
HL93_serv_inv	BOBJ1	61	157.4367	After	Left Exterior Girder	44.7267	0.95	1	1	3.790534
HL93_serv_inv	BOBJ1	61	157.4367	After	Interior Girder 1	44.7267	0.95	1	1	3.794119
HL93_serv_inv	BOBJ1	61	157.4367	After	Interior Girder 2	44.7267	0.95	1	1	3.683121
HL93_serv_inv	BOBJ1	61	157.4367	After	Interior Girder 3	44.7267	0.95	1	1	3.76237
HL93_serv_inv	BOBJ1	61	157.4367	After	Interior Girder 4	44.7267	0.95	1	1	3.76237
HL93_serv_inv	BOBJ1	61	157.4367	After	Interior Girder 5	44.7267	0.95	1	1	3.683121
HL93_serv_inv	BOBJ1	61	157.4367	After	Interior Girder 6	44.7267	0.95	1	1	3.794119
HL93_serv_inv	BOBJ1	61	157.4367	After	Right Exterior Girder	44.7267	0.95	1	1	3.790534
HL93_serv_inv	BOBJ1	62	158.71	Before	Left Exterior Girder	46	0.95	1	1	3.523036
HL93_serv_inv	BOBJ1	62	158.71	Before	Interior Girder 1	46	0.95	1	1	3.620954
HL93_serv_inv	BOBJ1	62	158.71	Before	Interior Girder 2	46	0.95	1	1	3.474552
HL93_serv_inv	BOBJ1	62	158.71	Before	Interior Girder 3	46	0.95	1	1	3.496454
HL93_serv_inv	BOBJ1	62	158.71	Before	Interior Girder 4	46	0.95	1	1	3.496454
HL93_serv_inv	BOBJ1	62	158.71	Before	Interior Girder 5	46	0.95	1	1	3.474552
HL93_serv_inv	BOBJ1	62	158.71	Before	Interior Girder 6	46	0.95	1	1	3.620954
HL93_serv_inv	BOBJ1	62	158.71	Before	Right Exterior Girder	46	0.95	1	1	3.523036
HL93_serv_inv	BOBJ1	63	158.71	After	Left Exterior Girder	46	0.95	1	1	4.809353
HL93_serv_inv	BOBJ1	63	158.71	After	Interior Girder 1	46	0.95	1	1	4.533413
HL93_serv_inv	BOBJ1	63	158.71	After	Interior Girder 2	46	0.95	1	1	4.336359
HL93_serv_inv	BOBJ1	63	158.71	After	Interior Girder 3	46	0.95	1	1	4.39029
HL93_serv_inv	BOBJ1	63	158.71	After	Interior Girder 4	46	0.95	1	1	4.39029
HL93_serv_inv	BOBJ1	63	158.71	After	Interior Girder 5	46	0.95	1	1	4.336359
HL93_serv_inv	BOBJ1	63	158.71	After	Interior Girder 6	46	0.95	1	1	4.533413
HL93_serv_inv	BOBJ1	63	158.71	After	Right Exterior Girder	46	0.95	1	1	4.809353
HL93_serv_inv	BOBJ1	64	163.8233	Before	Left Exterior Girder	51.1133	0.95	1	1	3.509574
HL93_serv_inv	BOBJ1	64	163.8233	Before	Interior Girder 1	51.1133	0.95	1	1	3.464688
HL93_serv_inv	BOBJ1	64	163.8233	Before	Interior Girder 2	51.1133	0.95	1	1	3.286368
HL93_serv_inv	BOBJ1	64	163.8233	Before	Interior Girder 3	51.1133	0.95	1	1	3.106427
HL93_serv_inv	BOBJ1	64	163.8233	Before	Interior Girder 4	51.1133	0.95	1	1	3.106427
HL93_serv_inv	BOBJ1	64	163.8233	Before	Interior Girder 5	51.1133	0.95	1	1	3.286368
HL93_serv_inv	BOBJ1	64	163.8233	Before	Interior Girder 6	51.1133	0.95	1	1	3.464688

TABLE: Bridge Super Rating AASHTORATE18 31 - SteelICompServ-Flx - Approach, Span 16-19										
Request	BridgeObj	BridgeCut	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	Unitless	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
HL93_serv_inv	BOBJ1	64	163.8233	Before	Right Exterior Girder	51.1133	0.95	1	1	3.509574
HL93_serv_inv	BOBJ1	65	163.8233	After	Left Exterior Girder	51.1133	0.95	1	1	3.571154
HL93_serv_inv	BOBJ1	65	163.8233	After	Interior Girder 1	51.1133	0.95	1	1	3.389514
HL93_serv_inv	BOBJ1	65	163.8233	After	Interior Girder 2	51.1133	0.95	1	1	3.236924
HL93_serv_inv	BOBJ1	65	163.8233	After	Interior Girder 3	51.1133	0.95	1	1	3.067825
HL93_serv_inv	BOBJ1	65	163.8233	After	Interior Girder 4	51.1133	0.95	1	1	3.067825
HL93_serv_inv	BOBJ1	65	163.8233	After	Interior Girder 5	51.1133	0.95	1	1	3.236924
HL93_serv_inv	BOBJ1	65	163.8233	After	Interior Girder 6	51.1133	0.95	1	1	3.389514
HL93_serv_inv	BOBJ1	65	163.8233	After	Right Exterior Girder	51.1133	0.95	1	1	3.571154
HL93_serv_inv	BOBJ1	66	164.71	Before	Left Exterior Girder	52	0.95	1	1	3.332081
HL93_serv_inv	BOBJ1	66	164.71	Before	Right Exterior Girder	52	0.95	1	1	3.332081
HL93_serv_inv	BOBJ1	67	164.71	After	Left Exterior Girder	52	0.95	1	1	5.050893
HL93_serv_inv	BOBJ1	67	164.71	After	Right Exterior Girder	52	0.95	1	1	5.050893
HL93_serv_inv	BOBJ1	68	170.21	Before	Left Exterior Girder	57.5	0.95	1	1	3.528387
HL93_serv_inv	BOBJ1	68	170.21	Before	Interior Girder 1	57.5	0.95	1	1	2.06458
HL93_serv_inv	BOBJ1	68	170.21	Before	Interior Girder 2	57.5	0.95	1	1	1.966049
HL93_serv_inv	BOBJ1	68	170.21	Before	Interior Girder 3	57.5	0.95	1	1	1.646651
HL93_serv_inv	BOBJ1	68	170.21	Before	Interior Girder 4	57.5	0.95	1	1	1.646651
HL93_serv_inv	BOBJ1	68	170.21	Before	Interior Girder 5	57.5	0.95	1	1	1.966049
HL93_serv_inv	BOBJ1	68	170.21	Before	Interior Girder 6	57.5	0.95	1	1	2.06458
HL93_serv_inv	BOBJ1	68	170.21	Before	Right Exterior Girder	57.5	0.95	1	1	3.528387
HL93_serv_inv	BOBJ1	69	170.21	After	Left Exterior Girder	0	0.95	1	1	3.534461
HL93_serv_inv	BOBJ1	69	170.21	After	Interior Girder 1	0	0.95	1	1	2.028006
HL93_serv_inv	BOBJ1	69	170.21	After	Interior Girder 2	0	0.95	1	1	1.939097
HL93_serv_inv	BOBJ1	69	170.21	After	Interior Girder 3	0	0.95	1	1	1.639083
HL93_serv_inv	BOBJ1	69	170.21	After	Interior Girder 4	0	0.95	1	1	1.639083
HL93_serv_inv	BOBJ1	69	170.21	After	Interior Girder 5	0	0.95	1	1	1.939097
HL93_serv_inv	BOBJ1	69	170.21	After	Interior Girder 6	0	0.95	1	1	2.028006
HL93_serv_inv	BOBJ1	69	170.21	After	Right Exterior Girder	0	0.95	1	1	3.534461
HL93_serv_inv	BOBJ1	70	176.21	Before	Left Exterior Girder	6	0.95	1	1	5.865645
HL93_serv_inv	BOBJ1	70	176.21	Before	Right Exterior Girder	6	0.95	1	1	5.865645
HL93_serv_inv	BOBJ1	71	176.21	After	Left Exterior Girder	6	0.95	1	1	3.930473
HL93_serv_inv	BOBJ1	71	176.21	After	Right Exterior Girder	6	0.95	1	1	3.930473
HL93_serv_inv	BOBJ1	72	176.6	Before	Left Exterior Girder	6.39	0.95	1	1	4.070761
HL93_serv_inv	BOBJ1	72	176.6	Before	Interior Girder 1	6.39	0.95	1	1	3.741327
HL93_serv_inv	BOBJ1	72	176.6	Before	Interior Girder 2	6.39	0.95	1	1	3.529844
HL93_serv_inv	BOBJ1	72	176.6	Before	Interior Girder 3	6.39	0.95	1	1	3.342716
HL93_serv_inv	BOBJ1	72	176.6	Before	Interior Girder 4	6.39	0.95	1	1	3.342716
HL93_serv_inv	BOBJ1	72	176.6	Before	Interior Girder 5	6.39	0.95	1	1	3.529844
HL93_serv_inv	BOBJ1	72	176.6	Before	Interior Girder 6	6.39	0.95	1	1	3.741327
HL93_serv_inv	BOBJ1	72	176.6	Before	Right Exterior Girder	6.39	0.95	1	1	4.070761
HL93_serv_inv	BOBJ1	73	176.6	After	Left Exterior Girder	6.39	0.95	1	1	3.975458
HL93_serv_inv	BOBJ1	73	176.6	After	Interior Girder 1	6.39	0.95	1	1	3.830721
HL93_serv_inv	BOBJ1	73	176.6	After	Interior Girder 2	6.39	0.95	1	1	3.586923
HL93_serv_inv	BOBJ1	73	176.6	After	Interior Girder 3	6.39	0.95	1	1	3.383581
HL93_serv_inv	BOBJ1	73	176.6	After	Interior Girder 4	6.39	0.95	1	1	3.383581
HL93_serv_inv	BOBJ1	73	176.6	After	Interior Girder 5	6.39	0.95	1	1	3.586923
HL93_serv_inv	BOBJ1	73	176.6	After	Interior Girder 6	6.39	0.95	1	1	3.830721
HL93_serv_inv	BOBJ1	73	176.6	After	Right Exterior Girder	6.39	0.95	1	1	3.975458
HL93_serv_inv	BOBJ1	74	182.99	Before	Left Exterior Girder	12.78	0.95	1	1	5.768519
HL93_serv_inv	BOBJ1	74	182.99	Before	Interior Girder 1	12.78	0.95	1	1	5.246893
HL93_serv_inv	BOBJ1	74	182.99	Before	Interior Girder 2	12.78	0.95	1	1	4.833147
HL93_serv_inv	BOBJ1	74	182.99	Before	Interior Girder 3	12.78	0.95	1	1	4.78879
HL93_serv_inv	BOBJ1	74	182.99	Before	Interior Girder 4	12.78	0.95	1	1	4.78879
HL93_serv_inv	BOBJ1	74	182.99	Before	Interior Girder 5	12.78	0.95	1	1	4.833147
HL93_serv_inv	BOBJ1	74	182.99	Before	Interior Girder 6	12.78	0.95	1	1	5.246893
HL93_serv_inv	BOBJ1	74	182.99	Before	Right Exterior Girder	12.78	0.95	1	1	5.768519
HL93_serv_inv	BOBJ1	75	182.99	After	Left Exterior Girder	12.78	0.95	1	1	5.718054
HL93_serv_inv	BOBJ1	75	182.99	After	Interior Girder 1	12.78	0.95	1	1	5.273424
HL93_serv_inv	BOBJ1	75	182.99	After	Interior Girder 2	12.78	0.95	1	1	4.869906
HL93_serv_inv	BOBJ1	75	182.99	After	Interior Girder 3	12.78	0.95	1	1	4.9105
HL93_serv_inv	BOBJ1	75	182.99	After	Interior Girder 4	12.78	0.95	1	1	4.9105
HL93_serv_inv	BOBJ1	75	182.99	After	Interior Girder 5	12.78	0.95	1	1	4.869906
HL93_serv_inv	BOBJ1	75	182.99	After	Interior Girder 6	12.78	0.95	1	1	5.273424
HL93_serv_inv	BOBJ1	75	182.99	After	Right Exterior Girder	12.78	0.95	1	1	5.718054
HL93_serv_inv	BOBJ1	76	189.38	Before	Left Exterior Girder	19.17	0.95	1	1	3.693507
HL93_serv_inv	BOBJ1	76	189.38	Before	Interior Girder 1	19.17	0.95	1	1	3.414812
HL93_serv_inv	BOBJ1	76	189.38	Before	Interior Girder 2	19.17	0.95	1	1	3.143492
HL93_serv_inv	BOBJ1	76	189.38	Before	Interior Girder 3	19.17	0.95	1	1	3.090975
HL93_serv_inv	BOBJ1	76	189.38	Before	Interior Girder 4	19.17	0.95	1	1	3.090975
HL93_serv_inv	BOBJ1	76	189.38	Before	Interior Girder 5	19.17	0.95	1	1	3.143492
HL93_serv_inv	BOBJ1	76	189.38	Before	Interior Girder 6	19.17	0.95	1	1	3.414812
HL93_serv_inv	BOBJ1	76	189.38	Before	Right Exterior Girder	19.17	0.95	1	1	3.693507

TABLE: Bridge Super Rating AASHTORATE18 31 - SteelICompServ-Flx - Approach, Span 16-19										
Request	BridgeObj	BridgeCut	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	Unitless	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
HL93_serv_inv	BOBJ1	77	189.38	After	Left Exterior Girder	19.17	0.95	1	1	3.740244
HL93_serv_inv	BOBJ1	77	189.38	After	Interior Girder 1	19.17	0.95	1	1	3.386953
HL93_serv_inv	BOBJ1	77	189.38	After	Interior Girder 2	19.17	0.95	1	1	3.138155
HL93_serv_inv	BOBJ1	77	189.38	After	Interior Girder 3	19.17	0.95	1	1	3.121572
HL93_serv_inv	BOBJ1	77	189.38	After	Interior Girder 4	19.17	0.95	1	1	3.121572
HL93_serv_inv	BOBJ1	77	189.38	After	Interior Girder 5	19.17	0.95	1	1	3.138155
HL93_serv_inv	BOBJ1	77	189.38	After	Interior Girder 6	19.17	0.95	1	1	3.386953
HL93_serv_inv	BOBJ1	77	189.38	After	Right Exterior Girder	19.17	0.95	1	1	3.740244
HL93_serv_inv	BOBJ1	78	195.77	Before	Left Exterior Girder	25.56	0.95	1	1	2.897288
HL93_serv_inv	BOBJ1	78	195.77	Before	Interior Girder 1	25.56	0.95	1	1	2.401391
HL93_serv_inv	BOBJ1	78	195.77	Before	Interior Girder 2	25.56	0.95	1	1	2.310564
HL93_serv_inv	BOBJ1	78	195.77	Before	Interior Girder 3	25.56	0.95	1	1	2.256628
HL93_serv_inv	BOBJ1	78	195.77	Before	Interior Girder 4	25.56	0.95	1	1	2.256628
HL93_serv_inv	BOBJ1	78	195.77	Before	Interior Girder 5	25.56	0.95	1	1	2.310564
HL93_serv_inv	BOBJ1	78	195.77	Before	Interior Girder 6	25.56	0.95	1	1	2.401391
HL93_serv_inv	BOBJ1	78	195.77	Before	Right Exterior Girder	25.56	0.95	1	1	2.897288
HL93_serv_inv	BOBJ1	79	195.77	After	Left Exterior Girder	25.56	0.95	1	1	2.944272
HL93_serv_inv	BOBJ1	79	195.77	After	Interior Girder 1	25.56	0.95	1	1	2.377002
HL93_serv_inv	BOBJ1	79	195.77	After	Interior Girder 2	25.56	0.95	1	1	2.305319
HL93_serv_inv	BOBJ1	79	195.77	After	Interior Girder 3	25.56	0.95	1	1	2.269089
HL93_serv_inv	BOBJ1	79	195.77	After	Interior Girder 4	25.56	0.95	1	1	2.269089
HL93_serv_inv	BOBJ1	79	195.77	After	Interior Girder 5	25.56	0.95	1	1	2.305319
HL93_serv_inv	BOBJ1	79	195.77	After	Interior Girder 6	25.56	0.95	1	1	2.377002
HL93_serv_inv	BOBJ1	79	195.77	After	Right Exterior Girder	25.56	0.95	1	1	2.944272
HL93_serv_inv	BOBJ1	80	202.16	Before	Left Exterior Girder	31.95	0.95	1	1	2.611299
HL93_serv_inv	BOBJ1	80	202.16	Before	Interior Girder 1	31.95	0.95	1	1	2.159959
HL93_serv_inv	BOBJ1	80	202.16	Before	Interior Girder 2	31.95	0.95	1	1	2.096092
HL93_serv_inv	BOBJ1	80	202.16	Before	Interior Girder 3	31.95	0.95	1	1	2.063972
HL93_serv_inv	BOBJ1	80	202.16	Before	Interior Girder 4	31.95	0.95	1	1	2.063972
HL93_serv_inv	BOBJ1	80	202.16	Before	Interior Girder 5	31.95	0.95	1	1	2.096092
HL93_serv_inv	BOBJ1	80	202.16	Before	Interior Girder 6	31.95	0.95	1	1	2.159959
HL93_serv_inv	BOBJ1	80	202.16	Before	Right Exterior Girder	31.95	0.95	1	1	2.611299
HL93_serv_inv	BOBJ1	81	202.16	After	Left Exterior Girder	31.95	0.95	1	1	2.589762
HL93_serv_inv	BOBJ1	81	202.16	After	Interior Girder 1	31.95	0.95	1	1	2.168873
HL93_serv_inv	BOBJ1	81	202.16	After	Interior Girder 2	31.95	0.95	1	1	2.102724
HL93_serv_inv	BOBJ1	81	202.16	After	Interior Girder 3	31.95	0.95	1	1	2.066644
HL93_serv_inv	BOBJ1	81	202.16	After	Interior Girder 4	31.95	0.95	1	1	2.066644
HL93_serv_inv	BOBJ1	81	202.16	After	Interior Girder 5	31.95	0.95	1	1	2.102724
HL93_serv_inv	BOBJ1	81	202.16	After	Interior Girder 6	31.95	0.95	1	1	2.168873
HL93_serv_inv	BOBJ1	81	202.16	After	Right Exterior Girder	31.95	0.95	1	1	2.589762
HL93_serv_inv	BOBJ1	82	208.55	Before	Left Exterior Girder	38.34	0.95	1	1	2.535984
HL93_serv_inv	BOBJ1	82	208.55	Before	Interior Girder 1	38.34	0.95	1	1	2.35363
HL93_serv_inv	BOBJ1	82	208.55	Before	Interior Girder 2	38.34	0.95	1	1	2.258011
HL93_serv_inv	BOBJ1	82	208.55	Before	Interior Girder 3	38.34	0.95	1	1	2.249618
HL93_serv_inv	BOBJ1	82	208.55	Before	Interior Girder 4	38.34	0.95	1	1	2.249618
HL93_serv_inv	BOBJ1	82	208.55	Before	Interior Girder 5	38.34	0.95	1	1	2.258011
HL93_serv_inv	BOBJ1	82	208.55	Before	Interior Girder 6	38.34	0.95	1	1	2.35363
HL93_serv_inv	BOBJ1	82	208.55	Before	Right Exterior Girder	38.34	0.95	1	1	2.535984
HL93_serv_inv	BOBJ1	83	208.55	After	Left Exterior Girder	38.34	0.95	1	1	2.515025
HL93_serv_inv	BOBJ1	83	208.55	After	Interior Girder 1	38.34	0.95	1	1	2.365261
HL93_serv_inv	BOBJ1	83	208.55	After	Interior Girder 2	38.34	0.95	1	1	2.256037
HL93_serv_inv	BOBJ1	83	208.55	After	Interior Girder 3	38.34	0.95	1	1	2.23855
HL93_serv_inv	BOBJ1	83	208.55	After	Interior Girder 4	38.34	0.95	1	1	2.23855
HL93_serv_inv	BOBJ1	83	208.55	After	Interior Girder 5	38.34	0.95	1	1	2.256037
HL93_serv_inv	BOBJ1	83	208.55	After	Interior Girder 6	38.34	0.95	1	1	2.365261
HL93_serv_inv	BOBJ1	83	208.55	After	Right Exterior Girder	38.34	0.95	1	1	2.515025
HL93_serv_inv	BOBJ1	84	215.1233	Before	Left Exterior Girder	44.9133	0.95	1	1	3.442825
HL93_serv_inv	BOBJ1	84	215.1233	Before	Interior Girder 1	44.9133	0.95	1	1	2.711884
HL93_serv_inv	BOBJ1	84	215.1233	Before	Interior Girder 2	44.9133	0.95	1	1	2.623772
HL93_serv_inv	BOBJ1	84	215.1233	Before	Interior Girder 3	44.9133	0.95	1	1	2.568306
HL93_serv_inv	BOBJ1	84	215.1233	Before	Interior Girder 4	44.9133	0.95	1	1	2.568306
HL93_serv_inv	BOBJ1	84	215.1233	Before	Interior Girder 5	44.9133	0.95	1	1	2.623772
HL93_serv_inv	BOBJ1	84	215.1233	Before	Interior Girder 6	44.9133	0.95	1	1	2.711884
HL93_serv_inv	BOBJ1	84	215.1233	Before	Right Exterior Girder	44.9133	0.95	1	1	3.442825
HL93_serv_inv	BOBJ1	85	215.1233	After	Left Exterior Girder	44.9133	0.95	1	1	3.431556
HL93_serv_inv	BOBJ1	85	215.1233	After	Interior Girder 1	44.9133	0.95	1	1	2.715197
HL93_serv_inv	BOBJ1	85	215.1233	After	Interior Girder 2	44.9133	0.95	1	1	2.583518
HL93_serv_inv	BOBJ1	85	215.1233	After	Interior Girder 3	44.9133	0.95	1	1	2.509073
HL93_serv_inv	BOBJ1	85	215.1233	After	Interior Girder 4	44.9133	0.95	1	1	2.509073
HL93_serv_inv	BOBJ1	85	215.1233	After	Interior Girder 5	44.9133	0.95	1	1	2.583518
HL93_serv_inv	BOBJ1	85	215.1233	After	Interior Girder 6	44.9133	0.95	1	1	2.715197
HL93_serv_inv	BOBJ1	85	215.1233	After	Right Exterior Girder	44.9133	0.95	1	1	3.431556
HL93_serv_inv	BOBJ1	86	221.6967	Before	Left Exterior Girder	51.4867	0.95	1	1	6.772172

TABLE: Bridge Super Rating AASHTORATE18 31 - SteelICompServ-Flx - Approach, Span 16-19										
Request	BridgeObj	BridgeCut	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	Unitless	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
HL93_serv_inv	BOBJ1	86	221.6967	Before	Interior Girder 1	51.4867	0.95	1	1	4.414917
HL93_serv_inv	BOBJ1	86	221.6967	Before	Interior Girder 2	51.4867	0.95	1	1	4.278957
HL93_serv_inv	BOBJ1	86	221.6967	Before	Interior Girder 3	51.4867	0.95	1	1	3.961368
HL93_serv_inv	BOBJ1	86	221.6967	Before	Interior Girder 4	51.4867	0.95	1	1	3.961368
HL93_serv_inv	BOBJ1	86	221.6967	Before	Interior Girder 5	51.4867	0.95	1	1	4.278957
HL93_serv_inv	BOBJ1	86	221.6967	Before	Interior Girder 6	51.4867	0.95	1	1	4.414917
HL93_serv_inv	BOBJ1	86	221.6967	Before	Right Exterior Girder	51.4867	0.95	1	1	6.772172
HL93_serv_inv	BOBJ1	87	221.6967	After	Left Exterior Girder	51.4867	0.95	1	1	6.71826
HL93_serv_inv	BOBJ1	87	221.6967	After	Interior Girder 1	51.4867	0.95	1	1	4.44383
HL93_serv_inv	BOBJ1	87	221.6967	After	Interior Girder 2	51.4867	0.95	1	1	4.219122
HL93_serv_inv	BOBJ1	87	221.6967	After	Interior Girder 3	51.4867	0.95	1	1	3.810024
HL93_serv_inv	BOBJ1	87	221.6967	After	Interior Girder 4	51.4867	0.95	1	1	3.810024
HL93_serv_inv	BOBJ1	87	221.6967	After	Interior Girder 5	51.4867	0.95	1	1	4.219122
HL93_serv_inv	BOBJ1	87	221.6967	After	Interior Girder 6	51.4867	0.95	1	1	4.44383
HL93_serv_inv	BOBJ1	87	221.6967	After	Right Exterior Girder	51.4867	0.95	1	1	6.71826
HL93_serv_inv	BOBJ1	88	228.27	Before	Left Exterior Girder	58.06	0.95	1	1	384.034006
HL93_serv_inv	BOBJ1	88	228.27	Before	Interior Girder 1	58.06	0.95	1	1	388.931744
HL93_serv_inv	BOBJ1	88	228.27	Before	Interior Girder 2	58.06	0.95	1	1	211.269029
HL93_serv_inv	BOBJ1	88	228.27	Before	Interior Girder 3	58.06	0.95	1	1	152.751334
HL93_serv_inv	BOBJ1	88	228.27	Before	Interior Girder 4	58.06	0.95	1	1	152.751333
HL93_serv_inv	BOBJ1	88	228.27	Before	Interior Girder 5	58.06	0.95	1	1	211.269028
HL93_serv_inv	BOBJ1	88	228.27	Before	Interior Girder 6	58.06	0.95	1	1	388.931744
HL93_serv_inv	BOBJ1	88	228.27	Before	Right Exterior Girder	58.06	0.95	1	1	384.034005
HS20_serv_opr	BOBJ1	1	0	After	Left Exterior Girder	0	0.95	1	1	857.316774
HS20_serv_opr	BOBJ1	1	0	After	Interior Girder 1	0	0.95	1	1	613.253536
HS20_serv_opr	BOBJ1	1	0	After	Interior Girder 2	0	0.95	1	1	342.820464
HS20_serv_opr	BOBJ1	1	0	After	Interior Girder 3	0	0.95	1	1	274.981376
HS20_serv_opr	BOBJ1	1	0	After	Interior Girder 4	0	0.95	1	1	274.981376
HS20_serv_opr	BOBJ1	1	0	After	Interior Girder 5	0	0.95	1	1	342.820468
HS20_serv_opr	BOBJ1	1	0	After	Interior Girder 6	0	0.95	1	1	613.253536
HS20_serv_opr	BOBJ1	1	0	After	Right Exterior Girder	0	0.95	1	1	857.316774
HS20_serv_opr	BOBJ1	2	5.3833	Before	Left Exterior Girder	5.3833	0.95	1	1	11.558427
HS20_serv_opr	BOBJ1	2	5.3833	Before	Interior Girder 1	5.3833	0.95	1	1	7.58652
HS20_serv_opr	BOBJ1	2	5.3833	Before	Interior Girder 2	5.3833	0.95	1	1	7.126371
HS20_serv_opr	BOBJ1	2	5.3833	Before	Interior Girder 3	5.3833	0.95	1	1	6.182234
HS20_serv_opr	BOBJ1	2	5.3833	Before	Interior Girder 4	5.3833	0.95	1	1	6.182234
HS20_serv_opr	BOBJ1	2	5.3833	Before	Interior Girder 5	5.3833	0.95	1	1	7.126371
HS20_serv_opr	BOBJ1	2	5.3833	Before	Interior Girder 6	5.3833	0.95	1	1	7.58652
HS20_serv_opr	BOBJ1	2	5.3833	Before	Right Exterior Girder	5.3833	0.95	1	1	11.558427
HS20_serv_opr	BOBJ1	3	5.3833	After	Left Exterior Girder	5.3833	0.95	1	1	11.705601
HS20_serv_opr	BOBJ1	3	5.3833	After	Interior Girder 1	5.3833	0.95	1	1	7.602995
HS20_serv_opr	BOBJ1	3	5.3833	After	Interior Girder 2	5.3833	0.95	1	1	7.240013
HS20_serv_opr	BOBJ1	3	5.3833	After	Interior Girder 3	5.3833	0.95	1	1	6.388588
HS20_serv_opr	BOBJ1	3	5.3833	After	Interior Girder 4	5.3833	0.95	1	1	6.388588
HS20_serv_opr	BOBJ1	3	5.3833	After	Interior Girder 5	5.3833	0.95	1	1	7.240013
HS20_serv_opr	BOBJ1	3	5.3833	After	Interior Girder 6	5.3833	0.95	1	1	7.602995
HS20_serv_opr	BOBJ1	3	5.3833	After	Right Exterior Girder	5.3833	0.95	1	1	11.705601
HS20_serv_opr	BOBJ1	4	10.7667	Before	Left Exterior Girder	10.7667	0.95	1	1	6.487921
HS20_serv_opr	BOBJ1	4	10.7667	Before	Interior Girder 1	10.7667	0.95	1	1	4.956768
HS20_serv_opr	BOBJ1	4	10.7667	Before	Interior Girder 2	10.7667	0.95	1	1	4.615463
HS20_serv_opr	BOBJ1	4	10.7667	Before	Interior Girder 3	10.7667	0.95	1	1	4.372076
HS20_serv_opr	BOBJ1	4	10.7667	Before	Interior Girder 4	10.7667	0.95	1	1	4.372076
HS20_serv_opr	BOBJ1	4	10.7667	Before	Interior Girder 5	10.7667	0.95	1	1	4.615463
HS20_serv_opr	BOBJ1	4	10.7667	Before	Interior Girder 6	10.7667	0.95	1	1	4.956768
HS20_serv_opr	BOBJ1	4	10.7667	Before	Right Exterior Girder	10.7667	0.95	1	1	6.487921
HS20_serv_opr	BOBJ1	5	10.7667	After	Left Exterior Girder	10.7667	0.95	1	1	6.460456
HS20_serv_opr	BOBJ1	5	10.7667	After	Interior Girder 1	10.7667	0.95	1	1	4.974128
HS20_serv_opr	BOBJ1	5	10.7667	After	Interior Girder 2	10.7667	0.95	1	1	4.687917
HS20_serv_opr	BOBJ1	5	10.7667	After	Interior Girder 3	10.7667	0.95	1	1	4.452636
HS20_serv_opr	BOBJ1	5	10.7667	After	Interior Girder 4	10.7667	0.95	1	1	4.452636
HS20_serv_opr	BOBJ1	5	10.7667	After	Interior Girder 5	10.7667	0.95	1	1	4.687917
HS20_serv_opr	BOBJ1	5	10.7667	After	Interior Girder 6	10.7667	0.95	1	1	4.974128
HS20_serv_opr	BOBJ1	5	10.7667	After	Right Exterior Girder	10.7667	0.95	1	1	6.460456
HS20_serv_opr	BOBJ1	6	16.15	Before	Left Exterior Girder	16.15	0.95	1	1	5.081741
HS20_serv_opr	BOBJ1	6	16.15	Before	Interior Girder 1	16.15	0.95	1	1	4.604843
HS20_serv_opr	BOBJ1	6	16.15	Before	Interior Girder 2	16.15	0.95	1	1	4.276309
HS20_serv_opr	BOBJ1	6	16.15	Before	Interior Girder 3	16.15	0.95	1	1	4.1265
HS20_serv_opr	BOBJ1	6	16.15	Before	Interior Girder 4	16.15	0.95	1	1	4.1265
HS20_serv_opr	BOBJ1	6	16.15	Before	Interior Girder 5	16.15	0.95	1	1	4.276309
HS20_serv_opr	BOBJ1	6	16.15	Before	Interior Girder 6	16.15	0.95	1	1	4.604843
HS20_serv_opr	BOBJ1	6	16.15	Before	Right Exterior Girder	16.15	0.95	1	1	5.081741
HS20_serv_opr	BOBJ1	7	16.15	After	Left Exterior Girder	16.15	0.95	1	1	5.09707
HS20_serv_opr	BOBJ1	7	16.15	After	Interior Girder 1	16.15	0.95	1	1	4.594842

TABLE: Bridge Super Rating AASHTORATE18 31 - SteelICompServ-Flx - Approach, Span 16-19										
Request	BridgeObj	BridgeCut	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	Unitless	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
HS20_serv_opr	BOBJ1	7	16.15	After	Interior Girder 2	16.15	0.95	1	1	4.284962
HS20_serv_opr	BOBJ1	7	16.15	After	Interior Girder 3	16.15	0.95	1	1	4.1388
HS20_serv_opr	BOBJ1	7	16.15	After	Interior Girder 4	16.15	0.95	1	1	4.1388
HS20_serv_opr	BOBJ1	7	16.15	After	Interior Girder 5	16.15	0.95	1	1	4.284962
HS20_serv_opr	BOBJ1	7	16.15	After	Interior Girder 6	16.15	0.95	1	1	4.594842
HS20_serv_opr	BOBJ1	7	16.15	After	Right Exterior Girder	16.15	0.95	1	1	5.09707
HS20_serv_opr	BOBJ1	8	22.1267	Before	Left Exterior Girder	22.1267	0.95	1	1	5.596459
HS20_serv_opr	BOBJ1	8	22.1267	Before	Interior Girder 1	22.1267	0.95	1	1	4.457784
HS20_serv_opr	BOBJ1	8	22.1267	Before	Interior Girder 2	22.1267	0.95	1	1	4.189819
HS20_serv_opr	BOBJ1	8	22.1267	Before	Interior Girder 3	22.1267	0.95	1	1	3.986445
HS20_serv_opr	BOBJ1	8	22.1267	Before	Interior Girder 4	22.1267	0.95	1	1	3.986445
HS20_serv_opr	BOBJ1	8	22.1267	Before	Interior Girder 5	22.1267	0.95	1	1	4.189819
HS20_serv_opr	BOBJ1	8	22.1267	Before	Interior Girder 6	22.1267	0.95	1	1	4.457784
HS20_serv_opr	BOBJ1	8	22.1267	Before	Right Exterior Girder	22.1267	0.95	1	1	5.596459
HS20_serv_opr	BOBJ1	9	22.1267	After	Left Exterior Girder	22.1267	0.95	1	1	5.643602
HS20_serv_opr	BOBJ1	9	22.1267	After	Interior Girder 1	22.1267	0.95	1	1	4.445755
HS20_serv_opr	BOBJ1	9	22.1267	After	Interior Girder 2	22.1267	0.95	1	1	4.168695
HS20_serv_opr	BOBJ1	9	22.1267	After	Interior Girder 3	22.1267	0.95	1	1	3.958131
HS20_serv_opr	BOBJ1	9	22.1267	After	Interior Girder 4	22.1267	0.95	1	1	3.958131
HS20_serv_opr	BOBJ1	9	22.1267	After	Interior Girder 5	22.1267	0.95	1	1	4.168695
HS20_serv_opr	BOBJ1	9	22.1267	After	Interior Girder 6	22.1267	0.95	1	1	4.445755
HS20_serv_opr	BOBJ1	9	22.1267	After	Right Exterior Girder	22.1267	0.95	1	1	5.643602
HS20_serv_opr	BOBJ1	10	28.1033	Before	Left Exterior Girder	28.1033	0.95	1	1	6.912626
HS20_serv_opr	BOBJ1	10	28.1033	Before	Interior Girder 1	28.1033	0.95	1	1	5.157906
HS20_serv_opr	BOBJ1	10	28.1033	Before	Interior Girder 2	28.1033	0.95	1	1	4.864746
HS20_serv_opr	BOBJ1	10	28.1033	Before	Interior Girder 3	28.1033	0.95	1	1	4.650438
HS20_serv_opr	BOBJ1	10	28.1033	Before	Interior Girder 4	28.1033	0.95	1	1	4.650438
HS20_serv_opr	BOBJ1	10	28.1033	Before	Interior Girder 5	28.1033	0.95	1	1	4.864746
HS20_serv_opr	BOBJ1	10	28.1033	Before	Interior Girder 6	28.1033	0.95	1	1	5.157906
HS20_serv_opr	BOBJ1	10	28.1033	Before	Right Exterior Girder	28.1033	0.95	1	1	6.912626
HS20_serv_opr	BOBJ1	11	28.1033	After	Left Exterior Girder	28.1033	0.95	1	1	6.819423
HS20_serv_opr	BOBJ1	11	28.1033	After	Interior Girder 1	28.1033	0.95	1	1	5.195484
HS20_serv_opr	BOBJ1	11	28.1033	After	Interior Girder 2	28.1033	0.95	1	1	4.859112
HS20_serv_opr	BOBJ1	11	28.1033	After	Interior Girder 3	28.1033	0.95	1	1	4.604512
HS20_serv_opr	BOBJ1	11	28.1033	After	Interior Girder 4	28.1033	0.95	1	1	4.604512
HS20_serv_opr	BOBJ1	11	28.1033	After	Interior Girder 5	28.1033	0.95	1	1	4.859112
HS20_serv_opr	BOBJ1	11	28.1033	After	Interior Girder 6	28.1033	0.95	1	1	5.195484
HS20_serv_opr	BOBJ1	11	28.1033	After	Right Exterior Girder	28.1033	0.95	1	1	6.819423
HS20_serv_opr	BOBJ1	12	34.08	Before	Left Exterior Girder	34.08	0.95	1	1	5.298907
HS20_serv_opr	BOBJ1	12	34.08	Before	Interior Girder 1	34.08	0.95	1	1	5.375781
HS20_serv_opr	BOBJ1	12	34.08	Before	Interior Girder 2	34.08	0.95	1	1	5.397071
HS20_serv_opr	BOBJ1	12	34.08	Before	Interior Girder 3	34.08	0.95	1	1	5.589808
HS20_serv_opr	BOBJ1	12	34.08	Before	Interior Girder 4	34.08	0.95	1	1	5.589808
HS20_serv_opr	BOBJ1	12	34.08	Before	Interior Girder 5	34.08	0.95	1	1	5.397071
HS20_serv_opr	BOBJ1	12	34.08	Before	Interior Girder 6	34.08	0.95	1	1	5.375781
HS20_serv_opr	BOBJ1	12	34.08	Before	Right Exterior Girder	34.08	0.95	1	1	5.298907
HS20_serv_opr	BOBJ1	13	34.08	After	Left Exterior Girder	34.08	0.95	1	1	5.34824
HS20_serv_opr	BOBJ1	13	34.08	After	Interior Girder 1	34.08	0.95	1	1	5.325728
HS20_serv_opr	BOBJ1	13	34.08	After	Interior Girder 2	34.08	0.95	1	1	5.364997
HS20_serv_opr	BOBJ1	13	34.08	After	Interior Girder 3	34.08	0.95	1	1	5.593014
HS20_serv_opr	BOBJ1	13	34.08	After	Interior Girder 4	34.08	0.95	1	1	5.593014
HS20_serv_opr	BOBJ1	13	34.08	After	Interior Girder 5	34.08	0.95	1	1	5.364997
HS20_serv_opr	BOBJ1	13	34.08	After	Interior Girder 6	34.08	0.95	1	1	5.325728
HS20_serv_opr	BOBJ1	13	34.08	After	Right Exterior Girder	34.08	0.95	1	1	5.34824
HS20_serv_opr	BOBJ1	14	39.855	Before	Left Exterior Girder	39.855	0.95	1	1	3.615225
HS20_serv_opr	BOBJ1	14	39.855	Before	Interior Girder 1	39.855	0.95	1	1	4.072943
HS20_serv_opr	BOBJ1	14	39.855	Before	Interior Girder 2	39.855	0.95	1	1	4.028081
HS20_serv_opr	BOBJ1	14	39.855	Before	Interior Girder 3	39.855	0.95	1	1	3.876969
HS20_serv_opr	BOBJ1	14	39.855	Before	Interior Girder 4	39.855	0.95	1	1	3.876969
HS20_serv_opr	BOBJ1	14	39.855	Before	Interior Girder 5	39.855	0.95	1	1	4.028081
HS20_serv_opr	BOBJ1	14	39.855	Before	Interior Girder 6	39.855	0.95	1	1	4.072943
HS20_serv_opr	BOBJ1	14	39.855	Before	Right Exterior Girder	39.855	0.95	1	1	3.615225
HS20_serv_opr	BOBJ1	15	39.855	After	Left Exterior Girder	39.855	0.95	1	1	3.677299
HS20_serv_opr	BOBJ1	15	39.855	After	Interior Girder 1	39.855	0.95	1	1	4.018528
HS20_serv_opr	BOBJ1	15	39.855	After	Interior Girder 2	39.855	0.95	1	1	3.981897
HS20_serv_opr	BOBJ1	15	39.855	After	Interior Girder 3	39.855	0.95	1	1	3.85913
HS20_serv_opr	BOBJ1	15	39.855	After	Interior Girder 4	39.855	0.95	1	1	3.85913
HS20_serv_opr	BOBJ1	15	39.855	After	Interior Girder 5	39.855	0.95	1	1	3.981897
HS20_serv_opr	BOBJ1	15	39.855	After	Interior Girder 6	39.855	0.95	1	1	4.018528
HS20_serv_opr	BOBJ1	15	39.855	After	Right Exterior Girder	39.855	0.95	1	1	3.677299
HS20_serv_opr	BOBJ1	16	40.0288	Before	Left Exterior Girder	40.0288	0.95	1	1	3.611797
HS20_serv_opr	BOBJ1	16	40.0288	Before	Right Exterior Girder	40.0288	0.95	1	1	3.611797
HS20_serv_opr	BOBJ1	17	40.0288	After	Left Exterior Girder	40.0288	0.95	1	1	5.188931

TABLE: Bridge Super Rating AASHTORATE18 31 - SteelICompServ-Flx - Approach, Span 16-19										
Request	BridgeObj	BridgeCut	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	Unitless	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
HS20_serv_opr	BOBJ1	17	40.0288	After	Right Exterior Girder	40.0288	0.95	1	1	5.188931
HS20_serv_opr	BOBJ1	18	45.63	Before	Left Exterior Girder	45.63	0.95	1	1	3.544862
HS20_serv_opr	BOBJ1	18	45.63	Before	Interior Girder 1	45.63	0.95	1	1	2.944173
HS20_serv_opr	BOBJ1	18	45.63	Before	Interior Girder 2	45.63	0.95	1	1	2.829953
HS20_serv_opr	BOBJ1	18	45.63	Before	Interior Girder 3	45.63	0.95	1	1	2.382246
HS20_serv_opr	BOBJ1	18	45.63	Before	Interior Girder 4	45.63	0.95	1	1	2.382246
HS20_serv_opr	BOBJ1	18	45.63	Before	Interior Girder 5	45.63	0.95	1	1	2.829953
HS20_serv_opr	BOBJ1	18	45.63	Before	Interior Girder 6	45.63	0.95	1	1	2.944173
HS20_serv_opr	BOBJ1	18	45.63	Before	Right Exterior Girder	45.63	0.95	1	1	3.544862
HS20_serv_opr	BOBJ1	19	45.63	After	Left Exterior Girder	0	0.95	1	1	3.525092
HS20_serv_opr	BOBJ1	19	45.63	After	Interior Girder 1	0	0.95	1	1	2.688205
HS20_serv_opr	BOBJ1	19	45.63	After	Interior Girder 2	0	0.95	1	1	2.612508
HS20_serv_opr	BOBJ1	19	45.63	After	Interior Girder 3	0	0.95	1	1	2.193882
HS20_serv_opr	BOBJ1	19	45.63	After	Interior Girder 4	0	0.95	1	1	2.193882
HS20_serv_opr	BOBJ1	19	45.63	After	Interior Girder 5	0	0.95	1	1	2.612508
HS20_serv_opr	BOBJ1	19	45.63	After	Interior Girder 6	0	0.95	1	1	2.688205
HS20_serv_opr	BOBJ1	19	45.63	After	Right Exterior Girder	0	0.95	1	1	3.525092
HS20_serv_opr	BOBJ1	20	50.6298	Before	Left Exterior Girder	4.9998	0.95	1	1	9.0384
HS20_serv_opr	BOBJ1	20	50.6298	Before	Right Exterior Girder	4.9998	0.95	1	1	9.0384
HS20_serv_opr	BOBJ1	21	50.6298	After	Left Exterior Girder	4.9998	0.95	1	1	5.981598
HS20_serv_opr	BOBJ1	21	50.6298	After	Right Exterior Girder	4.9998	0.95	1	1	5.981598
HS20_serv_opr	BOBJ1	22	51.4	Before	Left Exterior Girder	5.77	0.95	1	1	7.036075
HS20_serv_opr	BOBJ1	22	51.4	Before	Interior Girder 1	5.77	0.95	1	1	6.966098
HS20_serv_opr	BOBJ1	22	51.4	Before	Interior Girder 2	5.77	0.95	1	1	6.450346
HS20_serv_opr	BOBJ1	22	51.4	Before	Interior Girder 3	5.77	0.95	1	1	5.973792
HS20_serv_opr	BOBJ1	22	51.4	Before	Interior Girder 4	5.77	0.95	1	1	5.973792
HS20_serv_opr	BOBJ1	22	51.4	Before	Interior Girder 5	5.77	0.95	1	1	6.450346
HS20_serv_opr	BOBJ1	22	51.4	Before	Interior Girder 6	5.77	0.95	1	1	6.966098
HS20_serv_opr	BOBJ1	22	51.4	Before	Right Exterior Girder	5.77	0.95	1	1	7.036075
HS20_serv_opr	BOBJ1	23	51.4	After	Left Exterior Girder	5.77	0.95	1	1	6.902632
HS20_serv_opr	BOBJ1	23	51.4	After	Interior Girder 1	5.77	0.95	1	1	7.082363
HS20_serv_opr	BOBJ1	23	51.4	After	Interior Girder 2	5.77	0.95	1	1	6.42475
HS20_serv_opr	BOBJ1	23	51.4	After	Interior Girder 3	5.77	0.95	1	1	5.90027
HS20_serv_opr	BOBJ1	23	51.4	After	Interior Girder 4	5.77	0.95	1	1	5.90027
HS20_serv_opr	BOBJ1	23	51.4	After	Interior Girder 5	5.77	0.95	1	1	6.42475
HS20_serv_opr	BOBJ1	23	51.4	After	Interior Girder 6	5.77	0.95	1	1	7.082363
HS20_serv_opr	BOBJ1	23	51.4	After	Right Exterior Girder	5.77	0.95	1	1	6.902632
HS20_serv_opr	BOBJ1	24	57.17	Before	Left Exterior Girder	11.54	0.95	1	1	10.085762
HS20_serv_opr	BOBJ1	24	57.17	Before	Interior Girder 1	11.54	0.95	1	1	9.437277
HS20_serv_opr	BOBJ1	24	57.17	Before	Interior Girder 2	11.54	0.95	1	1	8.801324
HS20_serv_opr	BOBJ1	24	57.17	Before	Interior Girder 3	11.54	0.95	1	1	8.529796
HS20_serv_opr	BOBJ1	24	57.17	Before	Interior Girder 4	11.54	0.95	1	1	8.529796
HS20_serv_opr	BOBJ1	24	57.17	Before	Interior Girder 5	11.54	0.95	1	1	8.801324
HS20_serv_opr	BOBJ1	24	57.17	Before	Interior Girder 6	11.54	0.95	1	1	9.437277
HS20_serv_opr	BOBJ1	24	57.17	Before	Right Exterior Girder	11.54	0.95	1	1	10.085762
HS20_serv_opr	BOBJ1	25	57.17	After	Left Exterior Girder	11.54	0.95	1	1	10.001185
HS20_serv_opr	BOBJ1	25	57.17	After	Interior Girder 1	11.54	0.95	1	1	9.501423
HS20_serv_opr	BOBJ1	25	57.17	After	Interior Girder 2	11.54	0.95	1	1	8.924464
HS20_serv_opr	BOBJ1	25	57.17	After	Interior Girder 3	11.54	0.95	1	1	8.643003
HS20_serv_opr	BOBJ1	25	57.17	After	Interior Girder 4	11.54	0.95	1	1	8.643003
HS20_serv_opr	BOBJ1	25	57.17	After	Interior Girder 5	11.54	0.95	1	1	8.924464
HS20_serv_opr	BOBJ1	25	57.17	After	Interior Girder 6	11.54	0.95	1	1	9.501423
HS20_serv_opr	BOBJ1	25	57.17	After	Right Exterior Girder	11.54	0.95	1	1	10.001185
HS20_serv_opr	BOBJ1	26	63.34	Before	Left Exterior Girder	17.71	0.95	1	1	6.63012
HS20_serv_opr	BOBJ1	26	63.34	Before	Interior Girder 1	17.71	0.95	1	1	5.158429
HS20_serv_opr	BOBJ1	26	63.34	Before	Interior Girder 2	17.71	0.95	1	1	4.831891
HS20_serv_opr	BOBJ1	26	63.34	Before	Interior Girder 3	17.71	0.95	1	1	4.602601
HS20_serv_opr	BOBJ1	26	63.34	Before	Interior Girder 4	17.71	0.95	1	1	4.602601
HS20_serv_opr	BOBJ1	26	63.34	Before	Interior Girder 5	17.71	0.95	1	1	4.831891
HS20_serv_opr	BOBJ1	26	63.34	Before	Interior Girder 6	17.71	0.95	1	1	5.158429
HS20_serv_opr	BOBJ1	26	63.34	Before	Right Exterior Girder	17.71	0.95	1	1	6.63012
HS20_serv_opr	BOBJ1	27	63.34	After	Left Exterior Girder	17.71	0.95	1	1	6.810295
HS20_serv_opr	BOBJ1	27	63.34	After	Interior Girder 1	17.71	0.95	1	1	5.081852
HS20_serv_opr	BOBJ1	27	63.34	After	Interior Girder 2	17.71	0.95	1	1	4.822188
HS20_serv_opr	BOBJ1	27	63.34	After	Interior Girder 3	17.71	0.95	1	1	4.669405
HS20_serv_opr	BOBJ1	27	63.34	After	Interior Girder 4	17.71	0.95	1	1	4.669405
HS20_serv_opr	BOBJ1	27	63.34	After	Interior Girder 5	17.71	0.95	1	1	4.822188
HS20_serv_opr	BOBJ1	27	63.34	After	Interior Girder 6	17.71	0.95	1	1	5.081852
HS20_serv_opr	BOBJ1	27	63.34	After	Right Exterior Girder	17.71	0.95	1	1	6.810295
HS20_serv_opr	BOBJ1	28	69.51	Before	Left Exterior Girder	23.88	0.95	1	1	4.301223
HS20_serv_opr	BOBJ1	28	69.51	Before	Interior Girder 1	23.88	0.95	1	1	3.706238
HS20_serv_opr	BOBJ1	28	69.51	Before	Interior Girder 2	23.88	0.95	1	1	3.566258
HS20_serv_opr	BOBJ1	28	69.51	Before	Interior Girder 3	23.88	0.95	1	1	3.486974

TABLE: Bridge Super Rating AASHTORATE18 31 - SteelICompServ-Flx - Approach, Span 16-19										
Request	BridgeObj	BridgeCut	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	Unitless	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
HS20_serv_opr	BOBJ1	28	69.51	Before	Interior Girder 4	23.88	0.95	1	1	3.486974
HS20_serv_opr	BOBJ1	28	69.51	Before	Interior Girder 5	23.88	0.95	1	1	3.566258
HS20_serv_opr	BOBJ1	28	69.51	Before	Interior Girder 6	23.88	0.95	1	1	3.706238
HS20_serv_opr	BOBJ1	28	69.51	Before	Right Exterior Girder	23.88	0.95	1	1	4.301223
HS20_serv_opr	BOBJ1	29	69.51	After	Left Exterior Girder	23.88	0.95	1	1	4.319613
HS20_serv_opr	BOBJ1	29	69.51	After	Interior Girder 1	23.88	0.95	1	1	3.711312
HS20_serv_opr	BOBJ1	29	69.51	After	Interior Girder 2	23.88	0.95	1	1	3.587822
HS20_serv_opr	BOBJ1	29	69.51	After	Interior Girder 3	23.88	0.95	1	1	3.523581
HS20_serv_opr	BOBJ1	29	69.51	After	Interior Girder 4	23.88	0.95	1	1	3.523581
HS20_serv_opr	BOBJ1	29	69.51	After	Interior Girder 5	23.88	0.95	1	1	3.587822
HS20_serv_opr	BOBJ1	29	69.51	After	Interior Girder 6	23.88	0.95	1	1	3.711312
HS20_serv_opr	BOBJ1	29	69.51	After	Right Exterior Girder	23.88	0.95	1	1	4.319613
HS20_serv_opr	BOBJ1	30	75.68	Before	Left Exterior Girder	30.05	0.95	1	1	3.348013
HS20_serv_opr	BOBJ1	30	75.68	Before	Interior Girder 1	30.05	0.95	1	1	3.377533
HS20_serv_opr	BOBJ1	30	75.68	Before	Interior Girder 2	30.05	0.95	1	1	3.289561
HS20_serv_opr	BOBJ1	30	75.68	Before	Interior Girder 3	30.05	0.95	1	1	3.279342
HS20_serv_opr	BOBJ1	30	75.68	Before	Interior Girder 4	30.05	0.95	1	1	3.279342
HS20_serv_opr	BOBJ1	30	75.68	Before	Interior Girder 5	30.05	0.95	1	1	3.289561
HS20_serv_opr	BOBJ1	30	75.68	Before	Interior Girder 6	30.05	0.95	1	1	3.377533
HS20_serv_opr	BOBJ1	30	75.68	Before	Right Exterior Girder	30.05	0.95	1	1	3.348013
HS20_serv_opr	BOBJ1	31	75.68	After	Left Exterior Girder	30.05	0.95	1	1	3.364708
HS20_serv_opr	BOBJ1	31	75.68	After	Interior Girder 1	30.05	0.95	1	1	3.369013
HS20_serv_opr	BOBJ1	31	75.68	After	Interior Girder 2	30.05	0.95	1	1	3.282536
HS20_serv_opr	BOBJ1	31	75.68	After	Interior Girder 3	30.05	0.95	1	1	3.284867
HS20_serv_opr	BOBJ1	31	75.68	After	Interior Girder 4	30.05	0.95	1	1	3.284867
HS20_serv_opr	BOBJ1	31	75.68	After	Interior Girder 5	30.05	0.95	1	1	3.282536
HS20_serv_opr	BOBJ1	31	75.68	After	Interior Girder 6	30.05	0.95	1	1	3.369013
HS20_serv_opr	BOBJ1	31	75.68	After	Right Exterior Girder	30.05	0.95	1	1	3.364708
HS20_serv_opr	BOBJ1	32	81.8467	Before	Left Exterior Girder	36.2167	0.95	1	1	3.493135
HS20_serv_opr	BOBJ1	32	81.8467	Before	Interior Girder 1	36.2167	0.95	1	1	3.163116
HS20_serv_opr	BOBJ1	32	81.8467	Before	Interior Girder 2	36.2167	0.95	1	1	3.094456
HS20_serv_opr	BOBJ1	32	81.8467	Before	Interior Girder 3	36.2167	0.95	1	1	3.04888
HS20_serv_opr	BOBJ1	32	81.8467	Before	Interior Girder 4	36.2167	0.95	1	1	3.04888
HS20_serv_opr	BOBJ1	32	81.8467	Before	Interior Girder 5	36.2167	0.95	1	1	3.094456
HS20_serv_opr	BOBJ1	32	81.8467	Before	Interior Girder 6	36.2167	0.95	1	1	3.163116
HS20_serv_opr	BOBJ1	32	81.8467	Before	Right Exterior Girder	36.2167	0.95	1	1	3.493135
HS20_serv_opr	BOBJ1	33	81.8467	After	Left Exterior Girder	36.2167	0.95	1	1	3.503981
HS20_serv_opr	BOBJ1	33	81.8467	After	Interior Girder 1	36.2167	0.95	1	1	3.143153
HS20_serv_opr	BOBJ1	33	81.8467	After	Interior Girder 2	36.2167	0.95	1	1	3.080372
HS20_serv_opr	BOBJ1	33	81.8467	After	Interior Girder 3	36.2167	0.95	1	1	3.028878
HS20_serv_opr	BOBJ1	33	81.8467	After	Interior Girder 4	36.2167	0.95	1	1	3.028878
HS20_serv_opr	BOBJ1	33	81.8467	After	Interior Girder 5	36.2167	0.95	1	1	3.080372
HS20_serv_opr	BOBJ1	33	81.8467	After	Interior Girder 6	36.2167	0.95	1	1	3.143153
HS20_serv_opr	BOBJ1	33	81.8467	After	Right Exterior Girder	36.2167	0.95	1	1	3.503981
HS20_serv_opr	BOBJ1	34	88.0133	Before	Left Exterior Girder	42.3833	0.95	1	1	4.141915
HS20_serv_opr	BOBJ1	34	88.0133	Before	Interior Girder 1	42.3833	0.95	1	1	3.520239
HS20_serv_opr	BOBJ1	34	88.0133	Before	Interior Girder 2	42.3833	0.95	1	1	3.434464
HS20_serv_opr	BOBJ1	34	88.0133	Before	Interior Girder 3	42.3833	0.95	1	1	3.363227
HS20_serv_opr	BOBJ1	34	88.0133	Before	Interior Girder 4	42.3833	0.95	1	1	3.363227
HS20_serv_opr	BOBJ1	34	88.0133	Before	Interior Girder 5	42.3833	0.95	1	1	3.434464
HS20_serv_opr	BOBJ1	34	88.0133	Before	Interior Girder 6	42.3833	0.95	1	1	3.520239
HS20_serv_opr	BOBJ1	34	88.0133	Before	Right Exterior Girder	42.3833	0.95	1	1	4.141915
HS20_serv_opr	BOBJ1	35	88.0133	After	Left Exterior Girder	42.3833	0.95	1	1	4.054259
HS20_serv_opr	BOBJ1	35	88.0133	After	Interior Girder 1	42.3833	0.95	1	1	3.558247
HS20_serv_opr	BOBJ1	35	88.0133	After	Interior Girder 2	42.3833	0.95	1	1	3.44752
HS20_serv_opr	BOBJ1	35	88.0133	After	Interior Girder 3	42.3833	0.95	1	1	3.343052
HS20_serv_opr	BOBJ1	35	88.0133	After	Interior Girder 4	42.3833	0.95	1	1	3.343052
HS20_serv_opr	BOBJ1	35	88.0133	After	Interior Girder 5	42.3833	0.95	1	1	3.44752
HS20_serv_opr	BOBJ1	35	88.0133	After	Interior Girder 6	42.3833	0.95	1	1	3.558247
HS20_serv_opr	BOBJ1	35	88.0133	After	Right Exterior Girder	42.3833	0.95	1	1	4.054259
HS20_serv_opr	BOBJ1	36	94.18	Before	Left Exterior Girder	48.55	0.95	1	1	5.493216
HS20_serv_opr	BOBJ1	36	94.18	Before	Interior Girder 1	48.55	0.95	1	1	5.162928
HS20_serv_opr	BOBJ1	36	94.18	Before	Interior Girder 2	48.55	0.95	1	1	4.768618
HS20_serv_opr	BOBJ1	36	94.18	Before	Interior Girder 3	48.55	0.95	1	1	4.701398
HS20_serv_opr	BOBJ1	36	94.18	Before	Interior Girder 4	48.55	0.95	1	1	4.701398
HS20_serv_opr	BOBJ1	36	94.18	Before	Interior Girder 5	48.55	0.95	1	1	4.768618
HS20_serv_opr	BOBJ1	36	94.18	Before	Interior Girder 6	48.55	0.95	1	1	5.162928
HS20_serv_opr	BOBJ1	36	94.18	Before	Right Exterior Girder	48.55	0.95	1	1	5.493216
HS20_serv_opr	BOBJ1	37	94.18	After	Left Exterior Girder	48.55	0.95	1	1	5.38933
HS20_serv_opr	BOBJ1	37	94.18	After	Interior Girder 1	48.55	0.95	1	1	5.210774
HS20_serv_opr	BOBJ1	37	94.18	After	Interior Girder 2	48.55	0.95	1	1	4.790198
HS20_serv_opr	BOBJ1	37	94.18	After	Interior Girder 3	48.55	0.95	1	1	4.663799
HS20_serv_opr	BOBJ1	37	94.18	After	Interior Girder 4	48.55	0.95	1	1	4.663799

TABLE: Bridge Super Rating AASHTORATE18 31 - SteelICompServ-Flx - Approach, Span 16-19										
Request	BridgeObj	BridgeCut	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	Unitless	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
HS20_serv_opr	BOBJ1	37	94.18	After	Interior Girder 5	48.55	0.95	1	1	4.790198
HS20_serv_opr	BOBJ1	37	94.18	After	Interior Girder 6	48.55	0.95	1	1	5.210774
HS20_serv_opr	BOBJ1	37	94.18	After	Right Exterior Girder	48.55	0.95	1	1	5.38933
HS20_serv_opr	BOBJ1	38	100.3567	Before	Left Exterior Girder	54.7267	0.95	1	1	8.350931
HS20_serv_opr	BOBJ1	38	100.3567	Before	Interior Girder 1	54.7267	0.95	1	1	8.163315
HS20_serv_opr	BOBJ1	38	100.3567	Before	Interior Girder 2	54.7267	0.95	1	1	7.388519
HS20_serv_opr	BOBJ1	38	100.3567	Before	Interior Girder 3	54.7267	0.95	1	1	7.196168
HS20_serv_opr	BOBJ1	38	100.3567	Before	Interior Girder 4	54.7267	0.95	1	1	7.196168
HS20_serv_opr	BOBJ1	38	100.3567	Before	Interior Girder 5	54.7267	0.95	1	1	7.388519
HS20_serv_opr	BOBJ1	38	100.3567	Before	Interior Girder 6	54.7267	0.95	1	1	8.163315
HS20_serv_opr	BOBJ1	38	100.3567	Before	Right Exterior Girder	54.7267	0.95	1	1	8.350931
HS20_serv_opr	BOBJ1	39	100.3567	After	Left Exterior Girder	54.7267	0.95	1	1	8.448754
HS20_serv_opr	BOBJ1	39	100.3567	After	Interior Girder 1	54.7267	0.95	1	1	8.144938
HS20_serv_opr	BOBJ1	39	100.3567	After	Interior Girder 2	54.7267	0.95	1	1	7.368931
HS20_serv_opr	BOBJ1	39	100.3567	After	Interior Girder 3	54.7267	0.95	1	1	6.987445
HS20_serv_opr	BOBJ1	39	100.3567	After	Interior Girder 4	54.7267	0.95	1	1	6.987445
HS20_serv_opr	BOBJ1	39	100.3567	After	Interior Girder 5	54.7267	0.95	1	1	7.368931
HS20_serv_opr	BOBJ1	39	100.3567	After	Interior Girder 6	54.7267	0.95	1	1	8.144938
HS20_serv_opr	BOBJ1	39	100.3567	After	Right Exterior Girder	54.7267	0.95	1	1	8.448754
HS20_serv_opr	BOBJ1	40	106.5333	Before	Left Exterior Girder	60.9033	0.95	1	1	5.793857
HS20_serv_opr	BOBJ1	40	106.5333	Before	Interior Girder 1	60.9033	0.95	1	1	5.994606
HS20_serv_opr	BOBJ1	40	106.5333	Before	Interior Girder 2	60.9033	0.95	1	1	5.618473
HS20_serv_opr	BOBJ1	40	106.5333	Before	Interior Girder 3	60.9033	0.95	1	1	5.315223
HS20_serv_opr	BOBJ1	40	106.5333	Before	Interior Girder 4	60.9033	0.95	1	1	5.315223
HS20_serv_opr	BOBJ1	40	106.5333	Before	Interior Girder 5	60.9033	0.95	1	1	5.618473
HS20_serv_opr	BOBJ1	40	106.5333	Before	Interior Girder 6	60.9033	0.95	1	1	5.994606
HS20_serv_opr	BOBJ1	40	106.5333	Before	Right Exterior Girder	60.9033	0.95	1	1	5.793857
HS20_serv_opr	BOBJ1	41	106.5333	After	Left Exterior Girder	60.9033	0.95	1	1	5.920041
HS20_serv_opr	BOBJ1	41	106.5333	After	Interior Girder 1	60.9033	0.95	1	1	5.856216
HS20_serv_opr	BOBJ1	41	106.5333	After	Interior Girder 2	60.9033	0.95	1	1	5.508214
HS20_serv_opr	BOBJ1	41	106.5333	After	Interior Girder 3	60.9033	0.95	1	1	5.205809
HS20_serv_opr	BOBJ1	41	106.5333	After	Interior Girder 4	60.9033	0.95	1	1	5.205809
HS20_serv_opr	BOBJ1	41	106.5333	After	Interior Girder 5	60.9033	0.95	1	1	5.508214
HS20_serv_opr	BOBJ1	41	106.5333	After	Interior Girder 6	60.9033	0.95	1	1	5.856216
HS20_serv_opr	BOBJ1	41	106.5333	After	Right Exterior Girder	60.9033	0.95	1	1	5.920041
HS20_serv_opr	BOBJ1	42	108.2102	Before	Left Exterior Girder	62.5802	0.95	1	1	5.133657
HS20_serv_opr	BOBJ1	42	108.2102	Before	Right Exterior Girder	62.5802	0.95	1	1	5.133657
HS20_serv_opr	BOBJ1	43	108.2102	After	Left Exterior Girder	62.5802	0.95	1	1	7.519518
HS20_serv_opr	BOBJ1	43	108.2102	After	Right Exterior Girder	62.5802	0.95	1	1	7.519518
HS20_serv_opr	BOBJ1	44	112.71	Before	Left Exterior Girder	67.08	0.95	1	1	3.849933
HS20_serv_opr	BOBJ1	44	112.71	Before	Interior Girder 1	67.08	0.95	1	1	2.704564
HS20_serv_opr	BOBJ1	44	112.71	Before	Interior Girder 2	67.08	0.95	1	1	2.629403
HS20_serv_opr	BOBJ1	44	112.71	Before	Interior Girder 3	67.08	0.95	1	1	2.238833
HS20_serv_opr	BOBJ1	44	112.71	Before	Interior Girder 4	67.08	0.95	1	1	2.238833
HS20_serv_opr	BOBJ1	44	112.71	Before	Interior Girder 5	67.08	0.95	1	1	2.629403
HS20_serv_opr	BOBJ1	44	112.71	Before	Interior Girder 6	67.08	0.95	1	1	2.704564
HS20_serv_opr	BOBJ1	44	112.71	Before	Right Exterior Girder	67.08	0.95	1	1	3.849933
HS20_serv_opr	BOBJ1	45	112.71	After	Left Exterior Girder	0	0.95	1	1	3.881658
HS20_serv_opr	BOBJ1	45	112.71	After	Interior Girder 1	0	0.95	1	1	2.953297
HS20_serv_opr	BOBJ1	45	112.71	After	Interior Girder 2	0	0.95	1	1	2.814762
HS20_serv_opr	BOBJ1	45	112.71	After	Interior Girder 3	0	0.95	1	1	2.37154
HS20_serv_opr	BOBJ1	45	112.71	After	Interior Girder 4	0	0.95	1	1	2.37154
HS20_serv_opr	BOBJ1	45	112.71	After	Interior Girder 5	0	0.95	1	1	2.814762
HS20_serv_opr	BOBJ1	45	112.71	After	Interior Girder 6	0	0.95	1	1	2.953297
HS20_serv_opr	BOBJ1	45	112.71	After	Right Exterior Girder	0	0.95	1	1	3.881658
HS20_serv_opr	BOBJ1	46	117.21	Before	Left Exterior Girder	4.5	0.95	1	1	5.184229
HS20_serv_opr	BOBJ1	46	117.21	Before	Right Exterior Girder	4.5	0.95	1	1	5.184229
HS20_serv_opr	BOBJ1	47	117.21	After	Left Exterior Girder	4.5	0.95	1	1	3.530702
HS20_serv_opr	BOBJ1	47	117.21	After	Right Exterior Girder	4.5	0.95	1	1	3.530702
HS20_serv_opr	BOBJ1	48	119.1	Before	Left Exterior Girder	6.39	0.95	1	1	4.101636
HS20_serv_opr	BOBJ1	48	119.1	Before	Interior Girder 1	6.39	0.95	1	1	4.343108
HS20_serv_opr	BOBJ1	48	119.1	Before	Interior Girder 2	6.39	0.95	1	1	4.256101
HS20_serv_opr	BOBJ1	48	119.1	Before	Interior Girder 3	6.39	0.95	1	1	4.123154
HS20_serv_opr	BOBJ1	48	119.1	Before	Interior Girder 4	6.39	0.95	1	1	4.123154
HS20_serv_opr	BOBJ1	48	119.1	Before	Interior Girder 5	6.39	0.95	1	1	4.256101
HS20_serv_opr	BOBJ1	48	119.1	Before	Interior Girder 6	6.39	0.95	1	1	4.343108
HS20_serv_opr	BOBJ1	48	119.1	Before	Right Exterior Girder	6.39	0.95	1	1	4.101636
HS20_serv_opr	BOBJ1	49	119.1	After	Left Exterior Girder	6.39	0.95	1	1	4.036526
HS20_serv_opr	BOBJ1	49	119.1	After	Interior Girder 1	6.39	0.95	1	1	4.414953
HS20_serv_opr	BOBJ1	49	119.1	After	Interior Girder 2	6.39	0.95	1	1	4.323963
HS20_serv_opr	BOBJ1	49	119.1	After	Interior Girder 3	6.39	0.95	1	1	4.157383
HS20_serv_opr	BOBJ1	49	119.1	After	Interior Girder 4	6.39	0.95	1	1	4.157383
HS20_serv_opr	BOBJ1	49	119.1	After	Interior Girder 5	6.39	0.95	1	1	4.323963

TABLE: Bridge Super Rating AASHTORATE18 31 - SteelICompServ-Flx - Approach, Span 16-19										
Request	BridgeObj	BridgeCut	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	Unitless	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
HS20_serv_opr	BOBJ1	49	119.1	After	Interior Girder 6	6.39	0.95	1	1	4.414953
HS20_serv_opr	BOBJ1	49	119.1	After	Right Exterior Girder	6.39	0.95	1	1	4.036526
HS20_serv_opr	BOBJ1	50	125.49	Before	Left Exterior Girder	12.78	0.95	1	1	5.969696
HS20_serv_opr	BOBJ1	50	125.49	Before	Interior Girder 1	12.78	0.95	1	1	5.90551
HS20_serv_opr	BOBJ1	50	125.49	Before	Interior Girder 2	12.78	0.95	1	1	5.932239
HS20_serv_opr	BOBJ1	50	125.49	Before	Interior Girder 3	12.78	0.95	1	1	6.000532
HS20_serv_opr	BOBJ1	50	125.49	Before	Interior Girder 4	12.78	0.95	1	1	6.000532
HS20_serv_opr	BOBJ1	50	125.49	Before	Interior Girder 5	12.78	0.95	1	1	5.932239
HS20_serv_opr	BOBJ1	50	125.49	Before	Interior Girder 6	12.78	0.95	1	1	5.90551
HS20_serv_opr	BOBJ1	50	125.49	Before	Right Exterior Girder	12.78	0.95	1	1	5.969696
HS20_serv_opr	BOBJ1	51	125.49	After	Left Exterior Girder	12.78	0.95	1	1	5.906527
HS20_serv_opr	BOBJ1	51	125.49	After	Interior Girder 1	12.78	0.95	1	1	5.973591
HS20_serv_opr	BOBJ1	51	125.49	After	Interior Girder 2	12.78	0.95	1	1	5.975171
HS20_serv_opr	BOBJ1	51	125.49	After	Interior Girder 3	12.78	0.95	1	1	6.016139
HS20_serv_opr	BOBJ1	51	125.49	After	Interior Girder 4	12.78	0.95	1	1	6.016139
HS20_serv_opr	BOBJ1	51	125.49	After	Interior Girder 5	12.78	0.95	1	1	5.975171
HS20_serv_opr	BOBJ1	51	125.49	After	Interior Girder 6	12.78	0.95	1	1	5.973591
HS20_serv_opr	BOBJ1	51	125.49	After	Right Exterior Girder	12.78	0.95	1	1	5.906527
HS20_serv_opr	BOBJ1	52	131.88	Before	Left Exterior Girder	19.17	0.95	1	1	5.807707
HS20_serv_opr	BOBJ1	52	131.88	Before	Interior Girder 1	19.17	0.95	1	1	5.606948
HS20_serv_opr	BOBJ1	52	131.88	Before	Interior Girder 2	19.17	0.95	1	1	5.104558
HS20_serv_opr	BOBJ1	52	131.88	Before	Interior Girder 3	19.17	0.95	1	1	4.91875
HS20_serv_opr	BOBJ1	52	131.88	Before	Interior Girder 4	19.17	0.95	1	1	4.91875
HS20_serv_opr	BOBJ1	52	131.88	Before	Interior Girder 5	19.17	0.95	1	1	5.104558
HS20_serv_opr	BOBJ1	52	131.88	Before	Interior Girder 6	19.17	0.95	1	1	5.606948
HS20_serv_opr	BOBJ1	52	131.88	Before	Right Exterior Girder	19.17	0.95	1	1	5.807707
HS20_serv_opr	BOBJ1	53	131.88	After	Left Exterior Girder	19.17	0.95	1	1	5.852633
HS20_serv_opr	BOBJ1	53	131.88	After	Interior Girder 1	19.17	0.95	1	1	5.5862
HS20_serv_opr	BOBJ1	53	131.88	After	Interior Girder 2	19.17	0.95	1	1	5.090378
HS20_serv_opr	BOBJ1	53	131.88	After	Interior Girder 3	19.17	0.95	1	1	4.948194
HS20_serv_opr	BOBJ1	53	131.88	After	Interior Girder 4	19.17	0.95	1	1	4.948194
HS20_serv_opr	BOBJ1	53	131.88	After	Interior Girder 5	19.17	0.95	1	1	5.090378
HS20_serv_opr	BOBJ1	53	131.88	After	Interior Girder 6	19.17	0.95	1	1	5.5862
HS20_serv_opr	BOBJ1	53	131.88	After	Right Exterior Girder	19.17	0.95	1	1	5.852633
HS20_serv_opr	BOBJ1	54	138.27	Before	Left Exterior Girder	25.56	0.95	1	1	5.219934
HS20_serv_opr	BOBJ1	54	138.27	Before	Interior Girder 1	25.56	0.95	1	1	4.37701
HS20_serv_opr	BOBJ1	54	138.27	Before	Interior Girder 2	25.56	0.95	1	1	4.131791
HS20_serv_opr	BOBJ1	54	138.27	Before	Interior Girder 3	25.56	0.95	1	1	3.934043
HS20_serv_opr	BOBJ1	54	138.27	Before	Interior Girder 4	25.56	0.95	1	1	3.934043
HS20_serv_opr	BOBJ1	54	138.27	Before	Interior Girder 5	25.56	0.95	1	1	4.131791
HS20_serv_opr	BOBJ1	54	138.27	Before	Interior Girder 6	25.56	0.95	1	1	4.37701
HS20_serv_opr	BOBJ1	54	138.27	Before	Right Exterior Girder	25.56	0.95	1	1	5.219934
HS20_serv_opr	BOBJ1	55	138.27	After	Left Exterior Girder	25.56	0.95	1	1	5.278141
HS20_serv_opr	BOBJ1	55	138.27	After	Interior Girder 1	25.56	0.95	1	1	4.351775
HS20_serv_opr	BOBJ1	55	138.27	After	Interior Girder 2	25.56	0.95	1	1	4.123908
HS20_serv_opr	BOBJ1	55	138.27	After	Interior Girder 3	25.56	0.95	1	1	3.947802
HS20_serv_opr	BOBJ1	55	138.27	After	Interior Girder 4	25.56	0.95	1	1	3.947802
HS20_serv_opr	BOBJ1	55	138.27	After	Interior Girder 5	25.56	0.95	1	1	4.123908
HS20_serv_opr	BOBJ1	55	138.27	After	Interior Girder 6	25.56	0.95	1	1	4.351775
HS20_serv_opr	BOBJ1	55	138.27	After	Right Exterior Girder	25.56	0.95	1	1	5.278141
HS20_serv_opr	BOBJ1	56	144.66	Before	Left Exterior Girder	31.95	0.95	1	1	5.385943
HS20_serv_opr	BOBJ1	56	144.66	Before	Interior Girder 1	31.95	0.95	1	1	4.39615
HS20_serv_opr	BOBJ1	56	144.66	Before	Interior Girder 2	31.95	0.95	1	1	4.168166
HS20_serv_opr	BOBJ1	56	144.66	Before	Interior Girder 3	31.95	0.95	1	1	3.990725
HS20_serv_opr	BOBJ1	56	144.66	Before	Interior Girder 4	31.95	0.95	1	1	3.990725
HS20_serv_opr	BOBJ1	56	144.66	Before	Interior Girder 5	31.95	0.95	1	1	4.168166
HS20_serv_opr	BOBJ1	56	144.66	Before	Interior Girder 6	31.95	0.95	1	1	4.39615
HS20_serv_opr	BOBJ1	56	144.66	Before	Right Exterior Girder	31.95	0.95	1	1	5.385943
HS20_serv_opr	BOBJ1	57	144.66	After	Left Exterior Girder	31.95	0.95	1	1	5.312103
HS20_serv_opr	BOBJ1	57	144.66	After	Interior Girder 1	31.95	0.95	1	1	4.430365
HS20_serv_opr	BOBJ1	57	144.66	After	Interior Girder 2	31.95	0.95	1	1	4.174674
HS20_serv_opr	BOBJ1	57	144.66	After	Interior Girder 3	31.95	0.95	1	1	3.970094
HS20_serv_opr	BOBJ1	57	144.66	After	Interior Girder 4	31.95	0.95	1	1	3.970094
HS20_serv_opr	BOBJ1	57	144.66	After	Interior Girder 5	31.95	0.95	1	1	4.174674
HS20_serv_opr	BOBJ1	57	144.66	After	Interior Girder 6	31.95	0.95	1	1	4.430365
HS20_serv_opr	BOBJ1	57	144.66	After	Right Exterior Girder	31.95	0.95	1	1	5.312103
HS20_serv_opr	BOBJ1	58	151.05	Before	Left Exterior Girder	38.34	0.95	1	1	6.232805
HS20_serv_opr	BOBJ1	58	151.05	Before	Interior Girder 1	38.34	0.95	1	1	5.772748
HS20_serv_opr	BOBJ1	58	151.05	Before	Interior Girder 2	38.34	0.95	1	1	5.240189
HS20_serv_opr	BOBJ1	58	151.05	Before	Interior Girder 3	38.34	0.95	1	1	5.084396
HS20_serv_opr	BOBJ1	58	151.05	Before	Interior Girder 4	38.34	0.95	1	1	5.084396
HS20_serv_opr	BOBJ1	58	151.05	Before	Interior Girder 5	38.34	0.95	1	1	5.240189
HS20_serv_opr	BOBJ1	58	151.05	Before	Interior Girder 6	38.34	0.95	1	1	5.772748

TABLE: Bridge Super Rating AASHTORATE18 31 - SteelICompServ-Flx - Approach, Span 16-19										
Request	BridgeObj	BridgeCut	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	Unitless	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
HS20_serv_opr	BOBJ1	58	151.05	Before	Right Exterior Girder	38.34	0.95	1	1	6.232805
HS20_serv_opr	BOBJ1	59	151.05	After	Left Exterior Girder	38.34	0.95	1	1	6.168275
HS20_serv_opr	BOBJ1	59	151.05	After	Interior Girder 1	38.34	0.95	1	1	5.808642
HS20_serv_opr	BOBJ1	59	151.05	After	Interior Girder 2	38.34	0.95	1	1	5.254424
HS20_serv_opr	BOBJ1	59	151.05	After	Interior Girder 3	38.34	0.95	1	1	5.046217
HS20_serv_opr	BOBJ1	59	151.05	After	Interior Girder 4	38.34	0.95	1	1	5.046217
HS20_serv_opr	BOBJ1	59	151.05	After	Interior Girder 5	38.34	0.95	1	1	5.254424
HS20_serv_opr	BOBJ1	59	151.05	After	Interior Girder 6	38.34	0.95	1	1	5.808642
HS20_serv_opr	BOBJ1	59	151.05	After	Right Exterior Girder	38.34	0.95	1	1	6.168275
HS20_serv_opr	BOBJ1	60	157.4367	Before	Left Exterior Girder	44.7267	0.95	1	1	6.064016
HS20_serv_opr	BOBJ1	60	157.4367	Before	Interior Girder 1	44.7267	0.95	1	1	6.349947
HS20_serv_opr	BOBJ1	60	157.4367	Before	Interior Girder 2	44.7267	0.95	1	1	6.18953
HS20_serv_opr	BOBJ1	60	157.4367	Before	Interior Girder 3	44.7267	0.95	1	1	6.214997
HS20_serv_opr	BOBJ1	60	157.4367	Before	Interior Girder 4	44.7267	0.95	1	1	6.214997
HS20_serv_opr	BOBJ1	60	157.4367	Before	Interior Girder 5	44.7267	0.95	1	1	6.18953
HS20_serv_opr	BOBJ1	60	157.4367	Before	Interior Girder 6	44.7267	0.95	1	1	6.349947
HS20_serv_opr	BOBJ1	60	157.4367	Before	Right Exterior Girder	44.7267	0.95	1	1	6.064016
HS20_serv_opr	BOBJ1	61	157.4367	After	Left Exterior Girder	44.7267	0.95	1	1	6.116157
HS20_serv_opr	BOBJ1	61	157.4367	After	Interior Girder 1	44.7267	0.95	1	1	6.299763
HS20_serv_opr	BOBJ1	61	157.4367	After	Interior Girder 2	44.7267	0.95	1	1	6.160855
HS20_serv_opr	BOBJ1	61	157.4367	After	Interior Girder 3	44.7267	0.95	1	1	6.205288
HS20_serv_opr	BOBJ1	61	157.4367	After	Interior Girder 4	44.7267	0.95	1	1	6.205288
HS20_serv_opr	BOBJ1	61	157.4367	After	Interior Girder 5	44.7267	0.95	1	1	6.160855
HS20_serv_opr	BOBJ1	61	157.4367	After	Interior Girder 6	44.7267	0.95	1	1	6.299763
HS20_serv_opr	BOBJ1	61	157.4367	After	Right Exterior Girder	44.7267	0.95	1	1	6.116157
HS20_serv_opr	BOBJ1	62	158.71	Before	Left Exterior Girder	46	0.95	1	1	5.665252
HS20_serv_opr	BOBJ1	62	158.71	Before	Interior Girder 1	46	0.95	1	1	5.984334
HS20_serv_opr	BOBJ1	62	158.71	Before	Interior Girder 2	46	0.95	1	1	5.787689
HS20_serv_opr	BOBJ1	62	158.71	Before	Interior Girder 3	46	0.95	1	1	5.757498
HS20_serv_opr	BOBJ1	62	158.71	Before	Interior Girder 4	46	0.95	1	1	5.757498
HS20_serv_opr	BOBJ1	62	158.71	Before	Interior Girder 5	46	0.95	1	1	5.787689
HS20_serv_opr	BOBJ1	62	158.71	Before	Interior Girder 6	46	0.95	1	1	5.984334
HS20_serv_opr	BOBJ1	62	158.71	Before	Right Exterior Girder	46	0.95	1	1	5.665252
HS20_serv_opr	BOBJ1	63	158.71	After	Left Exterior Girder	46	0.95	1	1	7.723234
HS20_serv_opr	BOBJ1	63	158.71	After	Interior Girder 1	46	0.95	1	1	7.488803
HS20_serv_opr	BOBJ1	63	158.71	After	Interior Girder 2	46	0.95	1	1	7.21532
HS20_serv_opr	BOBJ1	63	158.71	After	Interior Girder 3	46	0.95	1	1	7.216535
HS20_serv_opr	BOBJ1	63	158.71	After	Interior Girder 4	46	0.95	1	1	7.216535
HS20_serv_opr	BOBJ1	63	158.71	After	Interior Girder 5	46	0.95	1	1	7.21532
HS20_serv_opr	BOBJ1	63	158.71	After	Interior Girder 6	46	0.95	1	1	7.488803
HS20_serv_opr	BOBJ1	63	158.71	After	Right Exterior Girder	46	0.95	1	1	7.723234
HS20_serv_opr	BOBJ1	64	163.8233	Before	Left Exterior Girder	51.1133	0.95	1	1	5.859457
HS20_serv_opr	BOBJ1	64	163.8233	Before	Interior Girder 1	51.1133	0.95	1	1	6.034222
HS20_serv_opr	BOBJ1	64	163.8233	Before	Interior Girder 2	51.1133	0.95	1	1	5.713335
HS20_serv_opr	BOBJ1	64	163.8233	Before	Interior Girder 3	51.1133	0.95	1	1	5.416729
HS20_serv_opr	BOBJ1	64	163.8233	Before	Interior Girder 4	51.1133	0.95	1	1	5.416729
HS20_serv_opr	BOBJ1	64	163.8233	Before	Interior Girder 5	51.1133	0.95	1	1	5.713335
HS20_serv_opr	BOBJ1	64	163.8233	Before	Interior Girder 6	51.1133	0.95	1	1	6.034222
HS20_serv_opr	BOBJ1	64	163.8233	Before	Right Exterior Girder	51.1133	0.95	1	1	5.859457
HS20_serv_opr	BOBJ1	65	163.8233	After	Left Exterior Girder	51.1133	0.95	1	1	5.950119
HS20_serv_opr	BOBJ1	65	163.8233	After	Interior Girder 1	51.1133	0.95	1	1	5.8945
HS20_serv_opr	BOBJ1	65	163.8233	After	Interior Girder 2	51.1133	0.95	1	1	5.602465
HS20_serv_opr	BOBJ1	65	163.8233	After	Interior Girder 3	51.1133	0.95	1	1	5.313742
HS20_serv_opr	BOBJ1	65	163.8233	After	Interior Girder 4	51.1133	0.95	1	1	5.313742
HS20_serv_opr	BOBJ1	65	163.8233	After	Interior Girder 5	51.1133	0.95	1	1	5.602465
HS20_serv_opr	BOBJ1	65	163.8233	After	Interior Girder 6	51.1133	0.95	1	1	5.8945
HS20_serv_opr	BOBJ1	65	163.8233	After	Right Exterior Girder	51.1133	0.95	1	1	5.950119
HS20_serv_opr	BOBJ1	66	164.71	Before	Left Exterior Girder	52	0.95	1	1	5.635826
HS20_serv_opr	BOBJ1	66	164.71	Before	Right Exterior Girder	52	0.95	1	1	5.635826
HS20_serv_opr	BOBJ1	67	164.71	After	Left Exterior Girder	52	0.95	1	1	8.497665
HS20_serv_opr	BOBJ1	67	164.71	After	Right Exterior Girder	52	0.95	1	1	8.497665
HS20_serv_opr	BOBJ1	68	170.21	Before	Left Exterior Girder	57.5	0.95	1	1	6.440097
HS20_serv_opr	BOBJ1	68	170.21	Before	Interior Girder 1	57.5	0.95	1	1	3.959409
HS20_serv_opr	BOBJ1	68	170.21	Before	Interior Girder 2	57.5	0.95	1	1	3.688735
HS20_serv_opr	BOBJ1	68	170.21	Before	Interior Girder 3	57.5	0.95	1	1	3.045384
HS20_serv_opr	BOBJ1	68	170.21	Before	Interior Girder 4	57.5	0.95	1	1	3.045384
HS20_serv_opr	BOBJ1	68	170.21	Before	Interior Girder 5	57.5	0.95	1	1	3.688735
HS20_serv_opr	BOBJ1	68	170.21	Before	Interior Girder 6	57.5	0.95	1	1	3.959409
HS20_serv_opr	BOBJ1	68	170.21	Before	Right Exterior Girder	57.5	0.95	1	1	6.440097
HS20_serv_opr	BOBJ1	69	170.21	After	Left Exterior Girder	0	0.95	1	1	6.476571
HS20_serv_opr	BOBJ1	69	170.21	After	Interior Girder 1	0	0.95	1	1	3.848457
HS20_serv_opr	BOBJ1	69	170.21	After	Interior Girder 2	0	0.95	1	1	3.61575
HS20_serv_opr	BOBJ1	69	170.21	After	Interior Girder 3	0	0.95	1	1	3.029232

TABLE: Bridge Super Rating AASHTORATE18 31 - SteelICompServ-Flx - Approach, Span 16-19										
Request	BridgeObj	BridgeCut	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	Unitless	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
HS20_serv_opr	BOBJ1	69	170.21	After	Interior Girder 4	0	0.95	1	1	3.029232
HS20_serv_opr	BOBJ1	69	170.21	After	Interior Girder 5	0	0.95	1	1	3.61575
HS20_serv_opr	BOBJ1	69	170.21	After	Interior Girder 6	0	0.95	1	1	3.848457
HS20_serv_opr	BOBJ1	69	170.21	After	Right Exterior Girder	0	0.95	1	1	6.476571
HS20_serv_opr	BOBJ1	70	176.21	Before	Left Exterior Girder	6	0.95	1	1	9.925629
HS20_serv_opr	BOBJ1	70	176.21	Before	Right Exterior Girder	6	0.95	1	1	9.925629
HS20_serv_opr	BOBJ1	71	176.21	After	Left Exterior Girder	6	0.95	1	1	6.685793
HS20_serv_opr	BOBJ1	71	176.21	After	Right Exterior Girder	6	0.95	1	1	6.685793
HS20_serv_opr	BOBJ1	72	176.6	Before	Left Exterior Girder	6.39	0.95	1	1	6.847373
HS20_serv_opr	BOBJ1	72	176.6	Before	Interior Girder 1	6.39	0.95	1	1	6.544709
HS20_serv_opr	BOBJ1	72	176.6	Before	Interior Girder 2	6.39	0.95	1	1	6.122714
HS20_serv_opr	BOBJ1	72	176.6	Before	Interior Girder 3	6.39	0.95	1	1	5.811133
HS20_serv_opr	BOBJ1	72	176.6	Before	Interior Girder 4	6.39	0.95	1	1	5.811133
HS20_serv_opr	BOBJ1	72	176.6	Before	Interior Girder 5	6.39	0.95	1	1	6.122714
HS20_serv_opr	BOBJ1	72	176.6	Before	Interior Girder 6	6.39	0.95	1	1	6.544709
HS20_serv_opr	BOBJ1	72	176.6	Before	Right Exterior Girder	6.39	0.95	1	1	6.847373
HS20_serv_opr	BOBJ1	73	176.6	After	Left Exterior Girder	6.39	0.95	1	1	6.701857
HS20_serv_opr	BOBJ1	73	176.6	After	Interior Girder 1	6.39	0.95	1	1	6.70594
HS20_serv_opr	BOBJ1	73	176.6	After	Interior Girder 2	6.39	0.95	1	1	6.25648
HS20_serv_opr	BOBJ1	73	176.6	After	Interior Girder 3	6.39	0.95	1	1	5.929896
HS20_serv_opr	BOBJ1	73	176.6	After	Interior Girder 4	6.39	0.95	1	1	5.929896
HS20_serv_opr	BOBJ1	73	176.6	After	Interior Girder 5	6.39	0.95	1	1	6.25648
HS20_serv_opr	BOBJ1	73	176.6	After	Interior Girder 6	6.39	0.95	1	1	6.70594
HS20_serv_opr	BOBJ1	73	176.6	After	Right Exterior Girder	6.39	0.95	1	1	6.701857
HS20_serv_opr	BOBJ1	74	182.99	Before	Left Exterior Girder	12.78	0.95	1	1	9.273927
HS20_serv_opr	BOBJ1	74	182.99	Before	Interior Girder 1	12.78	0.95	1	1	8.393745
HS20_serv_opr	BOBJ1	74	182.99	Before	Interior Girder 2	12.78	0.95	1	1	7.638693
HS20_serv_opr	BOBJ1	74	182.99	Before	Interior Girder 3	12.78	0.95	1	1	7.402352
HS20_serv_opr	BOBJ1	74	182.99	Before	Interior Girder 4	12.78	0.95	1	1	7.402352
HS20_serv_opr	BOBJ1	74	182.99	Before	Interior Girder 5	12.78	0.95	1	1	7.638693
HS20_serv_opr	BOBJ1	74	182.99	Before	Interior Girder 6	12.78	0.95	1	1	8.393745
HS20_serv_opr	BOBJ1	74	182.99	Before	Right Exterior Girder	12.78	0.95	1	1	9.273927
HS20_serv_opr	BOBJ1	75	182.99	After	Left Exterior Girder	12.78	0.95	1	1	9.203869
HS20_serv_opr	BOBJ1	75	182.99	After	Interior Girder 1	12.78	0.95	1	1	8.432384
HS20_serv_opr	BOBJ1	75	182.99	After	Interior Girder 2	12.78	0.95	1	1	7.692629
HS20_serv_opr	BOBJ1	75	182.99	After	Interior Girder 3	12.78	0.95	1	1	7.647457
HS20_serv_opr	BOBJ1	75	182.99	After	Interior Girder 4	12.78	0.95	1	1	7.647457
HS20_serv_opr	BOBJ1	75	182.99	After	Interior Girder 5	12.78	0.95	1	1	7.692629
HS20_serv_opr	BOBJ1	75	182.99	After	Interior Girder 6	12.78	0.95	1	1	8.432384
HS20_serv_opr	BOBJ1	75	182.99	After	Right Exterior Girder	12.78	0.95	1	1	9.203869
HS20_serv_opr	BOBJ1	76	189.38	Before	Left Exterior Girder	19.17	0.95	1	1	6.009453
HS20_serv_opr	BOBJ1	76	189.38	Before	Interior Girder 1	19.17	0.95	1	1	5.52574
HS20_serv_opr	BOBJ1	76	189.38	Before	Interior Girder 2	19.17	0.95	1	1	5.063803
HS20_serv_opr	BOBJ1	76	189.38	Before	Interior Girder 3	19.17	0.95	1	1	4.933921
HS20_serv_opr	BOBJ1	76	189.38	Before	Interior Girder 4	19.17	0.95	1	1	4.933921
HS20_serv_opr	BOBJ1	76	189.38	Before	Interior Girder 5	19.17	0.95	1	1	5.063803
HS20_serv_opr	BOBJ1	76	189.38	Before	Interior Girder 6	19.17	0.95	1	1	5.52574
HS20_serv_opr	BOBJ1	76	189.38	Before	Right Exterior Girder	19.17	0.95	1	1	6.009453
HS20_serv_opr	BOBJ1	77	189.38	After	Left Exterior Girder	19.17	0.95	1	1	6.092456
HS20_serv_opr	BOBJ1	77	189.38	After	Interior Girder 1	19.17	0.95	1	1	5.480154
HS20_serv_opr	BOBJ1	77	189.38	After	Interior Girder 2	19.17	0.95	1	1	5.050573
HS20_serv_opr	BOBJ1	77	189.38	After	Interior Girder 3	19.17	0.95	1	1	4.975379
HS20_serv_opr	BOBJ1	77	189.38	After	Interior Girder 4	19.17	0.95	1	1	4.975379
HS20_serv_opr	BOBJ1	77	189.38	After	Interior Girder 5	19.17	0.95	1	1	5.050573
HS20_serv_opr	BOBJ1	77	189.38	After	Interior Girder 6	19.17	0.95	1	1	5.480154
HS20_serv_opr	BOBJ1	77	189.38	After	Right Exterior Girder	19.17	0.95	1	1	6.092456
HS20_serv_opr	BOBJ1	78	195.77	Before	Left Exterior Girder	25.56	0.95	1	1	4.678474
HS20_serv_opr	BOBJ1	78	195.77	Before	Interior Girder 1	25.56	0.95	1	1	3.872674
HS20_serv_opr	BOBJ1	78	195.77	Before	Interior Girder 2	25.56	0.95	1	1	3.710573
HS20_serv_opr	BOBJ1	78	195.77	Before	Interior Girder 3	25.56	0.95	1	1	3.592533
HS20_serv_opr	BOBJ1	78	195.77	Before	Interior Girder 4	25.56	0.95	1	1	3.592533
HS20_serv_opr	BOBJ1	78	195.77	Before	Interior Girder 5	25.56	0.95	1	1	3.710573
HS20_serv_opr	BOBJ1	78	195.77	Before	Interior Girder 6	25.56	0.95	1	1	3.872674
HS20_serv_opr	BOBJ1	78	195.77	Before	Right Exterior Girder	25.56	0.95	1	1	4.678474
HS20_serv_opr	BOBJ1	79	195.77	After	Left Exterior Girder	25.56	0.95	1	1	4.756476
HS20_serv_opr	BOBJ1	79	195.77	After	Interior Girder 1	25.56	0.95	1	1	3.833942
HS20_serv_opr	BOBJ1	79	195.77	After	Interior Girder 2	25.56	0.95	1	1	3.703706
HS20_serv_opr	BOBJ1	79	195.77	After	Interior Girder 3	25.56	0.95	1	1	3.614744
HS20_serv_opr	BOBJ1	79	195.77	After	Interior Girder 4	25.56	0.95	1	1	3.614744
HS20_serv_opr	BOBJ1	79	195.77	After	Interior Girder 5	25.56	0.95	1	1	3.703706
HS20_serv_opr	BOBJ1	79	195.77	After	Interior Girder 6	25.56	0.95	1	1	3.833942
HS20_serv_opr	BOBJ1	79	195.77	After	Right Exterior Girder	25.56	0.95	1	1	4.756476
HS20_serv_opr	BOBJ1	80	202.16	Before	Left Exterior Girder	31.95	0.95	1	1	4.201365

TABLE: Bridge Super Rating AASHTORATE18 31 - SteelICompServ-Flx - Approach, Span 16-19										
Request	BridgeObj	BridgeCut	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	Unitless	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
HS20_serv_opr	BOBJ1	80	202.16	Before	Interior Girder 1	31.95	0.95	1	1	3.485407
HS20_serv_opr	BOBJ1	80	202.16	Before	Interior Girder 2	31.95	0.95	1	1	3.366593
HS20_serv_opr	BOBJ1	80	202.16	Before	Interior Girder 3	31.95	0.95	1	1	3.290112
HS20_serv_opr	BOBJ1	80	202.16	Before	Interior Girder 4	31.95	0.95	1	1	3.290112
HS20_serv_opr	BOBJ1	80	202.16	Before	Interior Girder 5	31.95	0.95	1	1	3.366593
HS20_serv_opr	BOBJ1	80	202.16	Before	Interior Girder 6	31.95	0.95	1	1	3.485407
HS20_serv_opr	BOBJ1	80	202.16	Before	Right Exterior Girder	31.95	0.95	1	1	4.201365
HS20_serv_opr	BOBJ1	81	202.16	After	Left Exterior Girder	31.95	0.95	1	1	4.170847
HS20_serv_opr	BOBJ1	81	202.16	After	Interior Girder 1	31.95	0.95	1	1	3.496478
HS20_serv_opr	BOBJ1	81	202.16	After	Interior Girder 2	31.95	0.95	1	1	3.376603
HS20_serv_opr	BOBJ1	81	202.16	After	Interior Girder 3	31.95	0.95	1	1	3.292837
HS20_serv_opr	BOBJ1	81	202.16	After	Interior Girder 4	31.95	0.95	1	1	3.292837
HS20_serv_opr	BOBJ1	81	202.16	After	Interior Girder 5	31.95	0.95	1	1	3.376603
HS20_serv_opr	BOBJ1	81	202.16	After	Interior Girder 6	31.95	0.95	1	1	3.496478
HS20_serv_opr	BOBJ1	81	202.16	After	Right Exterior Girder	31.95	0.95	1	1	4.170847
HS20_serv_opr	BOBJ1	82	208.55	Before	Left Exterior Girder	38.34	0.95	1	1	4.050618
HS20_serv_opr	BOBJ1	82	208.55	Before	Interior Girder 1	38.34	0.95	1	1	3.773264
HS20_serv_opr	BOBJ1	82	208.55	Before	Interior Girder 2	38.34	0.95	1	1	3.614705
HS20_serv_opr	BOBJ1	82	208.55	Before	Interior Girder 3	38.34	0.95	1	1	3.578133
HS20_serv_opr	BOBJ1	82	208.55	Before	Interior Girder 4	38.34	0.95	1	1	3.578133
HS20_serv_opr	BOBJ1	82	208.55	Before	Interior Girder 5	38.34	0.95	1	1	3.614705
HS20_serv_opr	BOBJ1	82	208.55	Before	Interior Girder 6	38.34	0.95	1	1	3.773264
HS20_serv_opr	BOBJ1	82	208.55	Before	Right Exterior Girder	38.34	0.95	1	1	4.050618
HS20_serv_opr	BOBJ1	83	208.55	After	Left Exterior Girder	38.34	0.95	1	1	4.017286
HS20_serv_opr	BOBJ1	83	208.55	After	Interior Girder 1	38.34	0.95	1	1	3.789671
HS20_serv_opr	BOBJ1	83	208.55	After	Interior Girder 2	38.34	0.95	1	1	3.612444
HS20_serv_opr	BOBJ1	83	208.55	After	Interior Girder 3	38.34	0.95	1	1	3.563549
HS20_serv_opr	BOBJ1	83	208.55	After	Interior Girder 4	38.34	0.95	1	1	3.563549
HS20_serv_opr	BOBJ1	83	208.55	After	Interior Girder 5	38.34	0.95	1	1	3.612444
HS20_serv_opr	BOBJ1	83	208.55	After	Interior Girder 6	38.34	0.95	1	1	3.789671
HS20_serv_opr	BOBJ1	83	208.55	After	Right Exterior Girder	38.34	0.95	1	1	4.017286
HS20_serv_opr	BOBJ1	84	215.1233	Before	Left Exterior Girder	44.9133	0.95	1	1	5.422877
HS20_serv_opr	BOBJ1	84	215.1233	Before	Interior Girder 1	44.9133	0.95	1	1	4.281327
HS20_serv_opr	BOBJ1	84	215.1233	Before	Interior Girder 2	44.9133	0.95	1	1	4.113295
HS20_serv_opr	BOBJ1	84	215.1233	Before	Interior Girder 3	44.9133	0.95	1	1	4.003066
HS20_serv_opr	BOBJ1	84	215.1233	Before	Interior Girder 4	44.9133	0.95	1	1	4.003066
HS20_serv_opr	BOBJ1	84	215.1233	Before	Interior Girder 5	44.9133	0.95	1	1	4.113295
HS20_serv_opr	BOBJ1	84	215.1233	Before	Interior Girder 6	44.9133	0.95	1	1	4.281327
HS20_serv_opr	BOBJ1	84	215.1233	Before	Right Exterior Girder	44.9133	0.95	1	1	5.422877
HS20_serv_opr	BOBJ1	85	215.1233	After	Left Exterior Girder	44.9133	0.95	1	1	5.396464
HS20_serv_opr	BOBJ1	85	215.1233	After	Interior Girder 1	44.9133	0.95	1	1	4.28547
HS20_serv_opr	BOBJ1	85	215.1233	After	Interior Girder 2	44.9133	0.95	1	1	4.047359
HS20_serv_opr	BOBJ1	85	215.1233	After	Interior Girder 3	44.9133	0.95	1	1	3.911354
HS20_serv_opr	BOBJ1	85	215.1233	After	Interior Girder 4	44.9133	0.95	1	1	3.911354
HS20_serv_opr	BOBJ1	85	215.1233	After	Interior Girder 5	44.9133	0.95	1	1	4.047359
HS20_serv_opr	BOBJ1	85	215.1233	After	Interior Girder 6	44.9133	0.95	1	1	4.28547
HS20_serv_opr	BOBJ1	85	215.1233	After	Right Exterior Girder	44.9133	0.95	1	1	5.396464
HS20_serv_opr	BOBJ1	86	221.6967	Before	Left Exterior Girder	51.4867	0.95	1	1	10.529573
HS20_serv_opr	BOBJ1	86	221.6967	Before	Interior Girder 1	51.4867	0.95	1	1	6.856576
HS20_serv_opr	BOBJ1	86	221.6967	Before	Interior Girder 2	51.4867	0.95	1	1	6.572704
HS20_serv_opr	BOBJ1	86	221.6967	Before	Interior Girder 3	51.4867	0.95	1	1	5.985598
HS20_serv_opr	BOBJ1	86	221.6967	Before	Interior Girder 4	51.4867	0.95	1	1	5.985598
HS20_serv_opr	BOBJ1	86	221.6967	Before	Interior Girder 5	51.4867	0.95	1	1	6.572704
HS20_serv_opr	BOBJ1	86	221.6967	Before	Interior Girder 6	51.4867	0.95	1	1	6.856576
HS20_serv_opr	BOBJ1	86	221.6967	Before	Right Exterior Girder	51.4867	0.95	1	1	10.529573
HS20_serv_opr	BOBJ1	87	221.6967	After	Left Exterior Girder	51.4867	0.95	1	1	10.441387
HS20_serv_opr	BOBJ1	87	221.6967	After	Interior Girder 1	51.4867	0.95	1	1	6.892308
HS20_serv_opr	BOBJ1	87	221.6967	After	Interior Girder 2	51.4867	0.95	1	1	6.475337
HS20_serv_opr	BOBJ1	87	221.6967	After	Interior Girder 3	51.4867	0.95	1	1	5.757852
HS20_serv_opr	BOBJ1	87	221.6967	After	Interior Girder 4	51.4867	0.95	1	1	5.757852
HS20_serv_opr	BOBJ1	87	221.6967	After	Interior Girder 5	51.4867	0.95	1	1	6.475337
HS20_serv_opr	BOBJ1	87	221.6967	After	Interior Girder 6	51.4867	0.95	1	1	6.892308
HS20_serv_opr	BOBJ1	87	221.6967	After	Right Exterior Girder	51.4867	0.95	1	1	10.441387
HS20_serv_opr	BOBJ1	88	228.27	Before	Left Exterior Girder	58.06	0.95	1	1	588.160716
HS20_serv_opr	BOBJ1	88	228.27	Before	Interior Girder 1	58.06	0.95	1	1	614.052103
HS20_serv_opr	BOBJ1	88	228.27	Before	Interior Girder 2	58.06	0.95	1	1	317.354236
HS20_serv_opr	BOBJ1	88	228.27	Before	Interior Girder 3	58.06	0.95	1	1	229.708905
HS20_serv_opr	BOBJ1	88	228.27	Before	Interior Girder 4	58.06	0.95	1	1	229.708903
HS20_serv_opr	BOBJ1	88	228.27	Before	Interior Girder 5	58.06	0.95	1	1	317.354236
HS20_serv_opr	BOBJ1	88	228.27	Before	Interior Girder 6	58.06	0.95	1	1	614.052103
HS20_serv_opr	BOBJ1	88	228.27	Before	Right Exterior Girder	58.06	0.95	1	1	588.160716
HS20_serv_inv	BOBJ1	1	0	After	Left Exterior Girder	0	0.95	1	1	659.474442
HS20_serv_inv	BOBJ1	1	0	After	Interior Girder 1	0	0.95	1	1	471.733489

TABLE: Bridge Super Rating AASHTORATE18 31 - SteelICompServ-Flx - Approach, Span 16-19										
Request	BridgeObj	BridgeCut	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	Unitless	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
HS20_serv_inv	BOBJ1	1	0	After	Interior Girder 2	0	0.95	1	1	263.708049
HS20_serv_inv	BOBJ1	1	0	After	Interior Girder 3	0	0.95	1	1	211.524135
HS20_serv_inv	BOBJ1	1	0	After	Interior Girder 4	0	0.95	1	1	211.524135
HS20_serv_inv	BOBJ1	1	0	After	Interior Girder 5	0	0.95	1	1	263.708052
HS20_serv_inv	BOBJ1	1	0	After	Interior Girder 6	0	0.95	1	1	471.733489
HS20_serv_inv	BOBJ1	1	0	After	Right Exterior Girder	0	0.95	1	1	659.474442
HS20_serv_inv	BOBJ1	2	5.3833	Before	Left Exterior Girder	5.3833	0.95	1	1	8.891097
HS20_serv_inv	BOBJ1	2	5.3833	Before	Interior Girder 1	5.3833	0.95	1	1	5.835785
HS20_serv_inv	BOBJ1	2	5.3833	Before	Interior Girder 2	5.3833	0.95	1	1	5.481824
HS20_serv_inv	BOBJ1	2	5.3833	Before	Interior Girder 3	5.3833	0.95	1	1	4.755565
HS20_serv_inv	BOBJ1	2	5.3833	Before	Interior Girder 4	5.3833	0.95	1	1	4.755565
HS20_serv_inv	BOBJ1	2	5.3833	Before	Interior Girder 5	5.3833	0.95	1	1	5.481824
HS20_serv_inv	BOBJ1	2	5.3833	Before	Interior Girder 6	5.3833	0.95	1	1	5.835785
HS20_serv_inv	BOBJ1	2	5.3833	Before	Right Exterior Girder	5.3833	0.95	1	1	8.891097
HS20_serv_inv	BOBJ1	3	5.3833	After	Left Exterior Girder	5.3833	0.95	1	1	9.004309
HS20_serv_inv	BOBJ1	3	5.3833	After	Interior Girder 1	5.3833	0.95	1	1	5.848457
HS20_serv_inv	BOBJ1	3	5.3833	After	Interior Girder 2	5.3833	0.95	1	1	5.569241
HS20_serv_inv	BOBJ1	3	5.3833	After	Interior Girder 3	5.3833	0.95	1	1	4.914298
HS20_serv_inv	BOBJ1	3	5.3833	After	Interior Girder 4	5.3833	0.95	1	1	4.914298
HS20_serv_inv	BOBJ1	3	5.3833	After	Interior Girder 5	5.3833	0.95	1	1	5.569241
HS20_serv_inv	BOBJ1	3	5.3833	After	Interior Girder 6	5.3833	0.95	1	1	5.848457
HS20_serv_inv	BOBJ1	3	5.3833	After	Right Exterior Girder	5.3833	0.95	1	1	9.004309
HS20_serv_inv	BOBJ1	4	10.7667	Before	Left Exterior Girder	10.7667	0.95	1	1	4.990708
HS20_serv_inv	BOBJ1	4	10.7667	Before	Interior Girder 1	10.7667	0.95	1	1	3.812898
HS20_serv_inv	BOBJ1	4	10.7667	Before	Interior Girder 2	10.7667	0.95	1	1	3.550356
HS20_serv_inv	BOBJ1	4	10.7667	Before	Interior Girder 3	10.7667	0.95	1	1	3.363135
HS20_serv_inv	BOBJ1	4	10.7667	Before	Interior Girder 4	10.7667	0.95	1	1	3.363135
HS20_serv_inv	BOBJ1	4	10.7667	Before	Interior Girder 5	10.7667	0.95	1	1	3.550356
HS20_serv_inv	BOBJ1	4	10.7667	Before	Interior Girder 6	10.7667	0.95	1	1	3.812898
HS20_serv_inv	BOBJ1	4	10.7667	Before	Right Exterior Girder	10.7667	0.95	1	1	4.990708
HS20_serv_inv	BOBJ1	5	10.7667	After	Left Exterior Girder	10.7667	0.95	1	1	4.969582
HS20_serv_inv	BOBJ1	5	10.7667	After	Interior Girder 1	10.7667	0.95	1	1	3.826252
HS20_serv_inv	BOBJ1	5	10.7667	After	Interior Girder 2	10.7667	0.95	1	1	3.60609
HS20_serv_inv	BOBJ1	5	10.7667	After	Interior Girder 3	10.7667	0.95	1	1	3.425105
HS20_serv_inv	BOBJ1	5	10.7667	After	Interior Girder 4	10.7667	0.95	1	1	3.425105
HS20_serv_inv	BOBJ1	5	10.7667	After	Interior Girder 5	10.7667	0.95	1	1	3.60609
HS20_serv_inv	BOBJ1	5	10.7667	After	Interior Girder 6	10.7667	0.95	1	1	3.826252
HS20_serv_inv	BOBJ1	5	10.7667	After	Right Exterior Girder	10.7667	0.95	1	1	4.969582
HS20_serv_inv	BOBJ1	6	16.15	Before	Left Exterior Girder	16.15	0.95	1	1	3.909032
HS20_serv_inv	BOBJ1	6	16.15	Before	Interior Girder 1	16.15	0.95	1	1	3.542187
HS20_serv_inv	BOBJ1	6	16.15	Before	Interior Girder 2	16.15	0.95	1	1	3.289469
HS20_serv_inv	BOBJ1	6	16.15	Before	Interior Girder 3	16.15	0.95	1	1	3.174231
HS20_serv_inv	BOBJ1	6	16.15	Before	Interior Girder 4	16.15	0.95	1	1	3.174231
HS20_serv_inv	BOBJ1	6	16.15	Before	Interior Girder 5	16.15	0.95	1	1	3.289469
HS20_serv_inv	BOBJ1	6	16.15	Before	Interior Girder 6	16.15	0.95	1	1	3.542187
HS20_serv_inv	BOBJ1	6	16.15	Before	Right Exterior Girder	16.15	0.95	1	1	3.909032
HS20_serv_inv	BOBJ1	7	16.15	After	Left Exterior Girder	16.15	0.95	1	1	3.920823
HS20_serv_inv	BOBJ1	7	16.15	After	Interior Girder 1	16.15	0.95	1	1	3.534494
HS20_serv_inv	BOBJ1	7	16.15	After	Interior Girder 2	16.15	0.95	1	1	3.296124
HS20_serv_inv	BOBJ1	7	16.15	After	Interior Girder 3	16.15	0.95	1	1	3.183692
HS20_serv_inv	BOBJ1	7	16.15	After	Interior Girder 4	16.15	0.95	1	1	3.183692
HS20_serv_inv	BOBJ1	7	16.15	After	Interior Girder 5	16.15	0.95	1	1	3.296124
HS20_serv_inv	BOBJ1	7	16.15	After	Interior Girder 6	16.15	0.95	1	1	3.534494
HS20_serv_inv	BOBJ1	7	16.15	After	Right Exterior Girder	16.15	0.95	1	1	3.920823
HS20_serv_inv	BOBJ1	8	22.1267	Before	Left Exterior Girder	22.1267	0.95	1	1	4.304968
HS20_serv_inv	BOBJ1	8	22.1267	Before	Interior Girder 1	22.1267	0.95	1	1	3.429065
HS20_serv_inv	BOBJ1	8	22.1267	Before	Interior Girder 2	22.1267	0.95	1	1	3.222938
HS20_serv_inv	BOBJ1	8	22.1267	Before	Interior Girder 3	22.1267	0.95	1	1	3.066496
HS20_serv_inv	BOBJ1	8	22.1267	Before	Interior Girder 4	22.1267	0.95	1	1	3.066496
HS20_serv_inv	BOBJ1	8	22.1267	Before	Interior Girder 5	22.1267	0.95	1	1	3.222938
HS20_serv_inv	BOBJ1	8	22.1267	Before	Interior Girder 6	22.1267	0.95	1	1	3.429065
HS20_serv_inv	BOBJ1	8	22.1267	Before	Right Exterior Girder	22.1267	0.95	1	1	4.304968
HS20_serv_inv	BOBJ1	9	22.1267	After	Left Exterior Girder	22.1267	0.95	1	1	4.341232
HS20_serv_inv	BOBJ1	9	22.1267	After	Interior Girder 1	22.1267	0.95	1	1	3.419811
HS20_serv_inv	BOBJ1	9	22.1267	After	Interior Girder 2	22.1267	0.95	1	1	3.206689
HS20_serv_inv	BOBJ1	9	22.1267	After	Interior Girder 3	22.1267	0.95	1	1	3.044716
HS20_serv_inv	BOBJ1	9	22.1267	After	Interior Girder 4	22.1267	0.95	1	1	3.044716
HS20_serv_inv	BOBJ1	9	22.1267	After	Interior Girder 5	22.1267	0.95	1	1	3.206689
HS20_serv_inv	BOBJ1	9	22.1267	After	Interior Girder 6	22.1267	0.95	1	1	3.419811
HS20_serv_inv	BOBJ1	9	22.1267	After	Right Exterior Girder	22.1267	0.95	1	1	4.341232
HS20_serv_inv	BOBJ1	10	28.1033	Before	Left Exterior Girder	28.1033	0.95	1	1	5.317405
HS20_serv_inv	BOBJ1	10	28.1033	Before	Interior Girder 1	28.1033	0.95	1	1	3.96762
HS20_serv_inv	BOBJ1	10	28.1033	Before	Interior Girder 2	28.1033	0.95	1	1	3.742112

TABLE: Bridge Super Rating AASHTORATE18 31 - SteelICompServ-Flx - Approach, Span 16-19										
Request	BridgeObj	BridgeCut	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	Unitless	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
HS20_serv_inv	BOBJ1	10	28.1033	Before	Interior Girder 3	28.1033	0.95	1	1	3.57726
HS20_serv_inv	BOBJ1	10	28.1033	Before	Interior Girder 4	28.1033	0.95	1	1	3.57726
HS20_serv_inv	BOBJ1	10	28.1033	Before	Interior Girder 5	28.1033	0.95	1	1	3.742112
HS20_serv_inv	BOBJ1	10	28.1033	Before	Interior Girder 6	28.1033	0.95	1	1	3.96762
HS20_serv_inv	BOBJ1	10	28.1033	Before	Right Exterior Girder	28.1033	0.95	1	1	5.317405
HS20_serv_inv	BOBJ1	11	28.1033	After	Left Exterior Girder	28.1033	0.95	1	1	5.24571
HS20_serv_inv	BOBJ1	11	28.1033	After	Interior Girder 1	28.1033	0.95	1	1	3.996526
HS20_serv_inv	BOBJ1	11	28.1033	After	Interior Girder 2	28.1033	0.95	1	1	3.737778
HS20_serv_inv	BOBJ1	11	28.1033	After	Interior Girder 3	28.1033	0.95	1	1	3.541932
HS20_serv_inv	BOBJ1	11	28.1033	After	Interior Girder 4	28.1033	0.95	1	1	3.541932
HS20_serv_inv	BOBJ1	11	28.1033	After	Interior Girder 5	28.1033	0.95	1	1	3.737778
HS20_serv_inv	BOBJ1	11	28.1033	After	Interior Girder 6	28.1033	0.95	1	1	3.996526
HS20_serv_inv	BOBJ1	11	28.1033	After	Right Exterior Girder	28.1033	0.95	1	1	5.24571
HS20_serv_inv	BOBJ1	12	34.08	Before	Left Exterior Girder	34.08	0.95	1	1	4.076083
HS20_serv_inv	BOBJ1	12	34.08	Before	Interior Girder 1	34.08	0.95	1	1	4.135216
HS20_serv_inv	BOBJ1	12	34.08	Before	Interior Girder 2	34.08	0.95	1	1	4.151593
HS20_serv_inv	BOBJ1	12	34.08	Before	Interior Girder 3	34.08	0.95	1	1	4.299852
HS20_serv_inv	BOBJ1	12	34.08	Before	Interior Girder 4	34.08	0.95	1	1	4.299852
HS20_serv_inv	BOBJ1	12	34.08	Before	Interior Girder 5	34.08	0.95	1	1	4.151593
HS20_serv_inv	BOBJ1	12	34.08	Before	Interior Girder 6	34.08	0.95	1	1	4.135216
HS20_serv_inv	BOBJ1	12	34.08	Before	Right Exterior Girder	34.08	0.95	1	1	4.076083
HS20_serv_inv	BOBJ1	13	34.08	After	Left Exterior Girder	34.08	0.95	1	1	4.11403
HS20_serv_inv	BOBJ1	13	34.08	After	Interior Girder 1	34.08	0.95	1	1	4.096714
HS20_serv_inv	BOBJ1	13	34.08	After	Interior Girder 2	34.08	0.95	1	1	4.126921
HS20_serv_inv	BOBJ1	13	34.08	After	Interior Girder 3	34.08	0.95	1	1	4.302318
HS20_serv_inv	BOBJ1	13	34.08	After	Interior Girder 4	34.08	0.95	1	1	4.302318
HS20_serv_inv	BOBJ1	13	34.08	After	Interior Girder 5	34.08	0.95	1	1	4.126921
HS20_serv_inv	BOBJ1	13	34.08	After	Interior Girder 6	34.08	0.95	1	1	4.096714
HS20_serv_inv	BOBJ1	13	34.08	After	Right Exterior Girder	34.08	0.95	1	1	4.11403
HS20_serv_inv	BOBJ1	14	39.855	Before	Left Exterior Girder	39.855	0.95	1	1	2.780942
HS20_serv_inv	BOBJ1	14	39.855	Before	Interior Girder 1	39.855	0.95	1	1	3.133033
HS20_serv_inv	BOBJ1	14	39.855	Before	Interior Girder 2	39.855	0.95	1	1	3.098524
HS20_serv_inv	BOBJ1	14	39.855	Before	Interior Girder 3	39.855	0.95	1	1	2.982284
HS20_serv_inv	BOBJ1	14	39.855	Before	Interior Girder 4	39.855	0.95	1	1	2.982284
HS20_serv_inv	BOBJ1	14	39.855	Before	Interior Girder 5	39.855	0.95	1	1	3.098524
HS20_serv_inv	BOBJ1	14	39.855	Before	Interior Girder 6	39.855	0.95	1	1	3.133033
HS20_serv_inv	BOBJ1	14	39.855	Before	Right Exterior Girder	39.855	0.95	1	1	2.780942
HS20_serv_inv	BOBJ1	15	39.855	After	Left Exterior Girder	39.855	0.95	1	1	2.828691
HS20_serv_inv	BOBJ1	15	39.855	After	Interior Girder 1	39.855	0.95	1	1	3.091175
HS20_serv_inv	BOBJ1	15	39.855	After	Interior Girder 2	39.855	0.95	1	1	3.062998
HS20_serv_inv	BOBJ1	15	39.855	After	Interior Girder 3	39.855	0.95	1	1	2.968562
HS20_serv_inv	BOBJ1	15	39.855	After	Interior Girder 4	39.855	0.95	1	1	2.968562
HS20_serv_inv	BOBJ1	15	39.855	After	Interior Girder 5	39.855	0.95	1	1	3.062998
HS20_serv_inv	BOBJ1	15	39.855	After	Interior Girder 6	39.855	0.95	1	1	3.091175
HS20_serv_inv	BOBJ1	15	39.855	After	Right Exterior Girder	39.855	0.95	1	1	2.828691
HS20_serv_inv	BOBJ1	16	40.0288	Before	Left Exterior Girder	40.0288	0.95	1	1	2.778306
HS20_serv_inv	BOBJ1	16	40.0288	Before	Right Exterior Girder	40.0288	0.95	1	1	2.778306
HS20_serv_inv	BOBJ1	17	40.0288	After	Left Exterior Girder	40.0288	0.95	1	1	3.991486
HS20_serv_inv	BOBJ1	17	40.0288	After	Right Exterior Girder	40.0288	0.95	1	1	3.991486
HS20_serv_inv	BOBJ1	18	45.63	Before	Left Exterior Girder	45.63	0.95	1	1	2.726817
HS20_serv_inv	BOBJ1	18	45.63	Before	Interior Girder 1	45.63	0.95	1	1	2.264748
HS20_serv_inv	BOBJ1	18	45.63	Before	Interior Girder 2	45.63	0.95	1	1	2.176887
HS20_serv_inv	BOBJ1	18	45.63	Before	Interior Girder 3	45.63	0.95	1	1	1.832497
HS20_serv_inv	BOBJ1	18	45.63	Before	Interior Girder 4	45.63	0.95	1	1	1.832497
HS20_serv_inv	BOBJ1	18	45.63	Before	Interior Girder 5	45.63	0.95	1	1	2.176887
HS20_serv_inv	BOBJ1	18	45.63	Before	Interior Girder 6	45.63	0.95	1	1	2.264748
HS20_serv_inv	BOBJ1	18	45.63	Before	Right Exterior Girder	45.63	0.95	1	1	2.726817
HS20_serv_inv	BOBJ1	19	45.63	After	Left Exterior Girder	0	0.95	1	1	2.711609
HS20_serv_inv	BOBJ1	19	45.63	After	Interior Girder 1	0	0.95	1	1	2.06785
HS20_serv_inv	BOBJ1	19	45.63	After	Interior Girder 2	0	0.95	1	1	2.009622
HS20_serv_inv	BOBJ1	19	45.63	After	Interior Girder 3	0	0.95	1	1	1.687601
HS20_serv_inv	BOBJ1	19	45.63	After	Interior Girder 4	0	0.95	1	1	1.687601
HS20_serv_inv	BOBJ1	19	45.63	After	Interior Girder 5	0	0.95	1	1	2.009622
HS20_serv_inv	BOBJ1	19	45.63	After	Interior Girder 6	0	0.95	1	1	2.06785
HS20_serv_inv	BOBJ1	19	45.63	After	Right Exterior Girder	0	0.95	1	1	2.711609
HS20_serv_inv	BOBJ1	20	50.6298	Before	Left Exterior Girder	4.9998	0.95	1	1	6.952616
HS20_serv_inv	BOBJ1	20	50.6298	Before	Right Exterior Girder	4.9998	0.95	1	1	6.952616
HS20_serv_inv	BOBJ1	21	50.6298	After	Left Exterior Girder	4.9998	0.95	1	1	4.601229
HS20_serv_inv	BOBJ1	21	50.6298	After	Right Exterior Girder	4.9998	0.95	1	1	4.601229
HS20_serv_inv	BOBJ1	22	51.4	Before	Left Exterior Girder	5.77	0.95	1	1	5.412365
HS20_serv_inv	BOBJ1	22	51.4	Before	Interior Girder 1	5.77	0.95	1	1	5.358537
HS20_serv_inv	BOBJ1	22	51.4	Before	Interior Girder 2	5.77	0.95	1	1	4.961805
HS20_serv_inv	BOBJ1	22	51.4	Before	Interior Girder 3	5.77	0.95	1	1	4.595224

TABLE: Bridge Super Rating AASHTORATE18 31 - SteelICompServ-Flx - Approach, Span 16-19										
Request	BridgeObj	BridgeCut	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	Unitless	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
HS20_serv_inv	BOBJ1	22	51.4	Before	Interior Girder 4	5.77	0.95	1	1	4.595224
HS20_serv_inv	BOBJ1	22	51.4	Before	Interior Girder 5	5.77	0.95	1	1	4.961805
HS20_serv_inv	BOBJ1	22	51.4	Before	Interior Girder 6	5.77	0.95	1	1	5.358537
HS20_serv_inv	BOBJ1	22	51.4	Before	Right Exterior Girder	5.77	0.95	1	1	5.412365
HS20_serv_inv	BOBJ1	23	51.4	After	Left Exterior Girder	5.77	0.95	1	1	5.309717
HS20_serv_inv	BOBJ1	23	51.4	After	Interior Girder 1	5.77	0.95	1	1	5.447972
HS20_serv_inv	BOBJ1	23	51.4	After	Interior Girder 2	5.77	0.95	1	1	4.942116
HS20_serv_inv	BOBJ1	23	51.4	After	Interior Girder 3	5.77	0.95	1	1	4.538669
HS20_serv_inv	BOBJ1	23	51.4	After	Interior Girder 4	5.77	0.95	1	1	4.538669
HS20_serv_inv	BOBJ1	23	51.4	After	Interior Girder 5	5.77	0.95	1	1	4.942116
HS20_serv_inv	BOBJ1	23	51.4	After	Interior Girder 6	5.77	0.95	1	1	5.447972
HS20_serv_inv	BOBJ1	23	51.4	After	Right Exterior Girder	5.77	0.95	1	1	5.309717
HS20_serv_inv	BOBJ1	24	57.17	Before	Left Exterior Girder	11.54	0.95	1	1	7.758278
HS20_serv_inv	BOBJ1	24	57.17	Before	Interior Girder 1	11.54	0.95	1	1	7.259444
HS20_serv_inv	BOBJ1	24	57.17	Before	Interior Girder 2	11.54	0.95	1	1	6.770249
HS20_serv_inv	BOBJ1	24	57.17	Before	Interior Girder 3	11.54	0.95	1	1	6.561381
HS20_serv_inv	BOBJ1	24	57.17	Before	Interior Girder 4	11.54	0.95	1	1	6.561381
HS20_serv_inv	BOBJ1	24	57.17	Before	Interior Girder 5	11.54	0.95	1	1	6.770249
HS20_serv_inv	BOBJ1	24	57.17	Before	Interior Girder 6	11.54	0.95	1	1	7.259444
HS20_serv_inv	BOBJ1	24	57.17	Before	Right Exterior Girder	11.54	0.95	1	1	7.758278
HS20_serv_inv	BOBJ1	25	57.17	After	Left Exterior Girder	11.54	0.95	1	1	7.693219
HS20_serv_inv	BOBJ1	25	57.17	After	Interior Girder 1	11.54	0.95	1	1	7.308787
HS20_serv_inv	BOBJ1	25	57.17	After	Interior Girder 2	11.54	0.95	1	1	6.864972
HS20_serv_inv	BOBJ1	25	57.17	After	Interior Girder 3	11.54	0.95	1	1	6.648464
HS20_serv_inv	BOBJ1	25	57.17	After	Interior Girder 4	11.54	0.95	1	1	6.648464
HS20_serv_inv	BOBJ1	25	57.17	After	Interior Girder 5	11.54	0.95	1	1	6.864972
HS20_serv_inv	BOBJ1	25	57.17	After	Interior Girder 6	11.54	0.95	1	1	7.308787
HS20_serv_inv	BOBJ1	25	57.17	After	Right Exterior Girder	11.54	0.95	1	1	7.693219
HS20_serv_inv	BOBJ1	26	63.34	Before	Left Exterior Girder	17.71	0.95	1	1	5.100092
HS20_serv_inv	BOBJ1	26	63.34	Before	Interior Girder 1	17.71	0.95	1	1	3.968023
HS20_serv_inv	BOBJ1	26	63.34	Before	Interior Girder 2	17.71	0.95	1	1	3.716839
HS20_serv_inv	BOBJ1	26	63.34	Before	Interior Girder 3	17.71	0.95	1	1	3.540462
HS20_serv_inv	BOBJ1	26	63.34	Before	Interior Girder 4	17.71	0.95	1	1	3.540462
HS20_serv_inv	BOBJ1	26	63.34	Before	Interior Girder 5	17.71	0.95	1	1	3.716839
HS20_serv_inv	BOBJ1	26	63.34	Before	Interior Girder 6	17.71	0.95	1	1	3.968023
HS20_serv_inv	BOBJ1	26	63.34	Before	Right Exterior Girder	17.71	0.95	1	1	5.100092
HS20_serv_inv	BOBJ1	27	63.34	After	Left Exterior Girder	17.71	0.95	1	1	5.238688
HS20_serv_inv	BOBJ1	27	63.34	After	Interior Girder 1	17.71	0.95	1	1	3.909117
HS20_serv_inv	BOBJ1	27	63.34	After	Interior Girder 2	17.71	0.95	1	1	3.709376
HS20_serv_inv	BOBJ1	27	63.34	After	Interior Girder 3	17.71	0.95	1	1	3.59185
HS20_serv_inv	BOBJ1	27	63.34	After	Interior Girder 4	17.71	0.95	1	1	3.59185
HS20_serv_inv	BOBJ1	27	63.34	After	Interior Girder 5	17.71	0.95	1	1	3.709376
HS20_serv_inv	BOBJ1	27	63.34	After	Interior Girder 6	17.71	0.95	1	1	3.909117
HS20_serv_inv	BOBJ1	27	63.34	After	Right Exterior Girder	17.71	0.95	1	1	5.238688
HS20_serv_inv	BOBJ1	28	69.51	Before	Left Exterior Girder	23.88	0.95	1	1	3.308633
HS20_serv_inv	BOBJ1	28	69.51	Before	Interior Girder 1	23.88	0.95	1	1	2.850953
HS20_serv_inv	BOBJ1	28	69.51	Before	Interior Girder 2	23.88	0.95	1	1	2.743275
HS20_serv_inv	BOBJ1	28	69.51	Before	Interior Girder 3	23.88	0.95	1	1	2.682287
HS20_serv_inv	BOBJ1	28	69.51	Before	Interior Girder 4	23.88	0.95	1	1	2.682287
HS20_serv_inv	BOBJ1	28	69.51	Before	Interior Girder 5	23.88	0.95	1	1	2.743275
HS20_serv_inv	BOBJ1	28	69.51	Before	Interior Girder 6	23.88	0.95	1	1	2.850953
HS20_serv_inv	BOBJ1	28	69.51	Before	Right Exterior Girder	23.88	0.95	1	1	3.308633
HS20_serv_inv	BOBJ1	29	69.51	After	Left Exterior Girder	23.88	0.95	1	1	3.322779
HS20_serv_inv	BOBJ1	29	69.51	After	Interior Girder 1	23.88	0.95	1	1	2.854856
HS20_serv_inv	BOBJ1	29	69.51	After	Interior Girder 2	23.88	0.95	1	1	2.759863
HS20_serv_inv	BOBJ1	29	69.51	After	Interior Girder 3	23.88	0.95	1	1	2.710447
HS20_serv_inv	BOBJ1	29	69.51	After	Interior Girder 4	23.88	0.95	1	1	2.710447
HS20_serv_inv	BOBJ1	29	69.51	After	Interior Girder 5	23.88	0.95	1	1	2.759863
HS20_serv_inv	BOBJ1	29	69.51	After	Interior Girder 6	23.88	0.95	1	1	2.854856
HS20_serv_inv	BOBJ1	29	69.51	After	Right Exterior Girder	23.88	0.95	1	1	3.322779
HS20_serv_inv	BOBJ1	30	75.68	Before	Left Exterior Girder	30.05	0.95	1	1	2.575395
HS20_serv_inv	BOBJ1	30	75.68	Before	Interior Girder 1	30.05	0.95	1	1	2.598102
HS20_serv_inv	BOBJ1	30	75.68	Before	Interior Girder 2	30.05	0.95	1	1	2.530432
HS20_serv_inv	BOBJ1	30	75.68	Before	Interior Girder 3	30.05	0.95	1	1	2.522571
HS20_serv_inv	BOBJ1	30	75.68	Before	Interior Girder 4	30.05	0.95	1	1	2.522571
HS20_serv_inv	BOBJ1	30	75.68	Before	Interior Girder 5	30.05	0.95	1	1	2.530432
HS20_serv_inv	BOBJ1	30	75.68	Before	Interior Girder 6	30.05	0.95	1	1	2.598102
HS20_serv_inv	BOBJ1	30	75.68	Before	Right Exterior Girder	30.05	0.95	1	1	2.575395
HS20_serv_inv	BOBJ1	31	75.68	After	Left Exterior Girder	30.05	0.95	1	1	2.588237
HS20_serv_inv	BOBJ1	31	75.68	After	Interior Girder 1	30.05	0.95	1	1	2.591549
HS20_serv_inv	BOBJ1	31	75.68	After	Interior Girder 2	30.05	0.95	1	1	2.525027
HS20_serv_inv	BOBJ1	31	75.68	After	Interior Girder 3	30.05	0.95	1	1	2.526821
HS20_serv_inv	BOBJ1	31	75.68	After	Interior Girder 4	30.05	0.95	1	1	2.526821

TABLE: Bridge Super Rating AASHTORATE18 31 - SteelICompServ-Flx - Approach, Span 16-19										
Request	BridgeObj	BridgeCut	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	Unitless	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
HS20_serv_inv	BOBJ1	31	75.68	After	Interior Girder 5	30.05	0.95	1	1	2.525027
HS20_serv_inv	BOBJ1	31	75.68	After	Interior Girder 6	30.05	0.95	1	1	2.591549
HS20_serv_inv	BOBJ1	31	75.68	After	Right Exterior Girder	30.05	0.95	1	1	2.588237
HS20_serv_inv	BOBJ1	32	81.8467	Before	Left Exterior Girder	36.2167	0.95	1	1	2.687027
HS20_serv_inv	BOBJ1	32	81.8467	Before	Interior Girder 1	36.2167	0.95	1	1	2.433166
HS20_serv_inv	BOBJ1	32	81.8467	Before	Interior Girder 2	36.2167	0.95	1	1	2.380351
HS20_serv_inv	BOBJ1	32	81.8467	Before	Interior Girder 3	36.2167	0.95	1	1	2.345292
HS20_serv_inv	BOBJ1	32	81.8467	Before	Interior Girder 4	36.2167	0.95	1	1	2.345292
HS20_serv_inv	BOBJ1	32	81.8467	Before	Interior Girder 5	36.2167	0.95	1	1	2.380351
HS20_serv_inv	BOBJ1	32	81.8467	Before	Interior Girder 6	36.2167	0.95	1	1	2.433166
HS20_serv_inv	BOBJ1	32	81.8467	Before	Right Exterior Girder	36.2167	0.95	1	1	2.687027
HS20_serv_inv	BOBJ1	33	81.8467	After	Left Exterior Girder	36.2167	0.95	1	1	2.69537
HS20_serv_inv	BOBJ1	33	81.8467	After	Interior Girder 1	36.2167	0.95	1	1	2.41781
HS20_serv_inv	BOBJ1	33	81.8467	After	Interior Girder 2	36.2167	0.95	1	1	2.369517
HS20_serv_inv	BOBJ1	33	81.8467	After	Interior Girder 3	36.2167	0.95	1	1	2.329906
HS20_serv_inv	BOBJ1	33	81.8467	After	Interior Girder 4	36.2167	0.95	1	1	2.329906
HS20_serv_inv	BOBJ1	33	81.8467	After	Interior Girder 5	36.2167	0.95	1	1	2.369517
HS20_serv_inv	BOBJ1	33	81.8467	After	Interior Girder 6	36.2167	0.95	1	1	2.41781
HS20_serv_inv	BOBJ1	33	81.8467	After	Right Exterior Girder	36.2167	0.95	1	1	2.69537
HS20_serv_inv	BOBJ1	34	88.0133	Before	Left Exterior Girder	42.3833	0.95	1	1	3.186089
HS20_serv_inv	BOBJ1	34	88.0133	Before	Interior Girder 1	42.3833	0.95	1	1	2.707877
HS20_serv_inv	BOBJ1	34	88.0133	Before	Interior Girder 2	42.3833	0.95	1	1	2.641895
HS20_serv_inv	BOBJ1	34	88.0133	Before	Interior Girder 3	42.3833	0.95	1	1	2.587098
HS20_serv_inv	BOBJ1	34	88.0133	Before	Interior Girder 4	42.3833	0.95	1	1	2.587098
HS20_serv_inv	BOBJ1	34	88.0133	Before	Interior Girder 5	42.3833	0.95	1	1	2.641895
HS20_serv_inv	BOBJ1	34	88.0133	Before	Interior Girder 6	42.3833	0.95	1	1	2.707877
HS20_serv_inv	BOBJ1	34	88.0133	Before	Right Exterior Girder	42.3833	0.95	1	1	3.186089
HS20_serv_inv	BOBJ1	35	88.0133	After	Left Exterior Girder	42.3833	0.95	1	1	3.118661
HS20_serv_inv	BOBJ1	35	88.0133	After	Interior Girder 1	42.3833	0.95	1	1	2.737113
HS20_serv_inv	BOBJ1	35	88.0133	After	Interior Girder 2	42.3833	0.95	1	1	2.651938
HS20_serv_inv	BOBJ1	35	88.0133	After	Interior Girder 3	42.3833	0.95	1	1	2.571578
HS20_serv_inv	BOBJ1	35	88.0133	After	Interior Girder 4	42.3833	0.95	1	1	2.571578
HS20_serv_inv	BOBJ1	35	88.0133	After	Interior Girder 5	42.3833	0.95	1	1	2.651938
HS20_serv_inv	BOBJ1	35	88.0133	After	Interior Girder 6	42.3833	0.95	1	1	2.737113
HS20_serv_inv	BOBJ1	35	88.0133	After	Right Exterior Girder	42.3833	0.95	1	1	3.118661
HS20_serv_inv	BOBJ1	36	94.18	Before	Left Exterior Girder	48.55	0.95	1	1	4.22555
HS20_serv_inv	BOBJ1	36	94.18	Before	Interior Girder 1	48.55	0.95	1	1	3.971483
HS20_serv_inv	BOBJ1	36	94.18	Before	Interior Girder 2	48.55	0.95	1	1	3.668168
HS20_serv_inv	BOBJ1	36	94.18	Before	Interior Girder 3	48.55	0.95	1	1	3.61646
HS20_serv_inv	BOBJ1	36	94.18	Before	Interior Girder 4	48.55	0.95	1	1	3.61646
HS20_serv_inv	BOBJ1	36	94.18	Before	Interior Girder 5	48.55	0.95	1	1	3.668168
HS20_serv_inv	BOBJ1	36	94.18	Before	Interior Girder 6	48.55	0.95	1	1	3.971483
HS20_serv_inv	BOBJ1	36	94.18	Before	Right Exterior Girder	48.55	0.95	1	1	4.22555
HS20_serv_inv	BOBJ1	37	94.18	After	Left Exterior Girder	48.55	0.95	1	1	4.145638
HS20_serv_inv	BOBJ1	37	94.18	After	Interior Girder 1	48.55	0.95	1	1	4.008288
HS20_serv_inv	BOBJ1	37	94.18	After	Interior Girder 2	48.55	0.95	1	1	3.684768
HS20_serv_inv	BOBJ1	37	94.18	After	Interior Girder 3	48.55	0.95	1	1	3.587538
HS20_serv_inv	BOBJ1	37	94.18	After	Interior Girder 4	48.55	0.95	1	1	3.587538
HS20_serv_inv	BOBJ1	37	94.18	After	Interior Girder 5	48.55	0.95	1	1	3.684768
HS20_serv_inv	BOBJ1	37	94.18	After	Interior Girder 6	48.55	0.95	1	1	4.008288
HS20_serv_inv	BOBJ1	37	94.18	After	Right Exterior Girder	48.55	0.95	1	1	4.145638
HS20_serv_inv	BOBJ1	38	100.3567	Before	Left Exterior Girder	54.7267	0.95	1	1	6.423793
HS20_serv_inv	BOBJ1	38	100.3567	Before	Interior Girder 1	54.7267	0.95	1	1	6.279473
HS20_serv_inv	BOBJ1	38	100.3567	Before	Interior Girder 2	54.7267	0.95	1	1	5.683477
HS20_serv_inv	BOBJ1	38	100.3567	Before	Interior Girder 3	54.7267	0.95	1	1	5.535514
HS20_serv_inv	BOBJ1	38	100.3567	Before	Interior Girder 4	54.7267	0.95	1	1	5.535514
HS20_serv_inv	BOBJ1	38	100.3567	Before	Interior Girder 5	54.7267	0.95	1	1	5.683477
HS20_serv_inv	BOBJ1	38	100.3567	Before	Interior Girder 6	54.7267	0.95	1	1	6.279473
HS20_serv_inv	BOBJ1	38	100.3567	Before	Right Exterior Girder	54.7267	0.95	1	1	6.423793
HS20_serv_inv	BOBJ1	39	100.3567	After	Left Exterior Girder	54.7267	0.95	1	1	6.499042
HS20_serv_inv	BOBJ1	39	100.3567	After	Interior Girder 1	54.7267	0.95	1	1	6.265337
HS20_serv_inv	BOBJ1	39	100.3567	After	Interior Girder 2	54.7267	0.95	1	1	5.668408
HS20_serv_inv	BOBJ1	39	100.3567	After	Interior Girder 3	54.7267	0.95	1	1	5.374958
HS20_serv_inv	BOBJ1	39	100.3567	After	Interior Girder 4	54.7267	0.95	1	1	5.374958
HS20_serv_inv	BOBJ1	39	100.3567	After	Interior Girder 5	54.7267	0.95	1	1	5.668408
HS20_serv_inv	BOBJ1	39	100.3567	After	Interior Girder 6	54.7267	0.95	1	1	6.265337
HS20_serv_inv	BOBJ1	39	100.3567	After	Right Exterior Girder	54.7267	0.95	1	1	6.499042
HS20_serv_inv	BOBJ1	40	106.5333	Before	Left Exterior Girder	60.9033	0.95	1	1	4.456813
HS20_serv_inv	BOBJ1	40	106.5333	Before	Interior Girder 1	60.9033	0.95	1	1	4.611236
HS20_serv_inv	BOBJ1	40	106.5333	Before	Interior Girder 2	60.9033	0.95	1	1	4.321903
HS20_serv_inv	BOBJ1	40	106.5333	Before	Interior Girder 3	60.9033	0.95	1	1	4.088633
HS20_serv_inv	BOBJ1	40	106.5333	Before	Interior Girder 4	60.9033	0.95	1	1	4.088633
HS20_serv_inv	BOBJ1	40	106.5333	Before	Interior Girder 5	60.9033	0.95	1	1	4.321903

TABLE: Bridge Super Rating AASHTORATE18 31 - SteelICompServ-Flx - Approach, Span 16-19										
Request	BridgeObj	BridgeCut	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	Unitless	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
HS20_serv_inv	BOBJ1	40	106.5333	Before	Interior Girder 6	60.9033	0.95	1	1	4.611236
HS20_serv_inv	BOBJ1	40	106.5333	Before	Right Exterior Girder	60.9033	0.95	1	1	4.456813
HS20_serv_inv	BOBJ1	41	106.5333	After	Left Exterior Girder	60.9033	0.95	1	1	4.553878
HS20_serv_inv	BOBJ1	41	106.5333	After	Interior Girder 1	60.9033	0.95	1	1	4.504781
HS20_serv_inv	BOBJ1	41	106.5333	After	Interior Girder 2	60.9033	0.95	1	1	4.237088
HS20_serv_inv	BOBJ1	41	106.5333	After	Interior Girder 3	60.9033	0.95	1	1	4.004468
HS20_serv_inv	BOBJ1	41	106.5333	After	Interior Girder 4	60.9033	0.95	1	1	4.004468
HS20_serv_inv	BOBJ1	41	106.5333	After	Interior Girder 5	60.9033	0.95	1	1	4.237088
HS20_serv_inv	BOBJ1	41	106.5333	After	Interior Girder 6	60.9033	0.95	1	1	4.504781
HS20_serv_inv	BOBJ1	41	106.5333	After	Right Exterior Girder	60.9033	0.95	1	1	4.553878
HS20_serv_inv	BOBJ1	42	108.2102	Before	Left Exterior Girder	62.5802	0.95	1	1	3.948967
HS20_serv_inv	BOBJ1	42	108.2102	Before	Right Exterior Girder	62.5802	0.95	1	1	3.948967
HS20_serv_inv	BOBJ1	43	108.2102	After	Left Exterior Girder	62.5802	0.95	1	1	5.784245
HS20_serv_inv	BOBJ1	43	108.2102	After	Right Exterior Girder	62.5802	0.95	1	1	5.784245
HS20_serv_inv	BOBJ1	44	112.71	Before	Left Exterior Girder	67.08	0.95	1	1	2.961487
HS20_serv_inv	BOBJ1	44	112.71	Before	Interior Girder 1	67.08	0.95	1	1	2.080434
HS20_serv_inv	BOBJ1	44	112.71	Before	Interior Girder 2	67.08	0.95	1	1	2.022618
HS20_serv_inv	BOBJ1	44	112.71	Before	Interior Girder 3	67.08	0.95	1	1	1.722179
HS20_serv_inv	BOBJ1	44	112.71	Before	Interior Girder 4	67.08	0.95	1	1	1.722179
HS20_serv_inv	BOBJ1	44	112.71	Before	Interior Girder 5	67.08	0.95	1	1	2.022618
HS20_serv_inv	BOBJ1	44	112.71	Before	Interior Girder 6	67.08	0.95	1	1	2.080434
HS20_serv_inv	BOBJ1	44	112.71	Before	Right Exterior Girder	67.08	0.95	1	1	2.961487
HS20_serv_inv	BOBJ1	45	112.71	After	Left Exterior Girder	0	0.95	1	1	2.985891
HS20_serv_inv	BOBJ1	45	112.71	After	Interior Girder 1	0	0.95	1	1	2.271767
HS20_serv_inv	BOBJ1	45	112.71	After	Interior Girder 2	0	0.95	1	1	2.165202
HS20_serv_inv	BOBJ1	45	112.71	After	Interior Girder 3	0	0.95	1	1	1.824262
HS20_serv_inv	BOBJ1	45	112.71	After	Interior Girder 4	0	0.95	1	1	1.824262
HS20_serv_inv	BOBJ1	45	112.71	After	Interior Girder 5	0	0.95	1	1	2.165202
HS20_serv_inv	BOBJ1	45	112.71	After	Interior Girder 6	0	0.95	1	1	2.271767
HS20_serv_inv	BOBJ1	45	112.71	After	Right Exterior Girder	0	0.95	1	1	2.985891
HS20_serv_inv	BOBJ1	46	117.21	Before	Left Exterior Girder	4.5	0.95	1	1	3.987869
HS20_serv_inv	BOBJ1	46	117.21	Before	Right Exterior Girder	4.5	0.95	1	1	3.987869
HS20_serv_inv	BOBJ1	47	117.21	After	Left Exterior Girder	4.5	0.95	1	1	2.715925
HS20_serv_inv	BOBJ1	47	117.21	After	Right Exterior Girder	4.5	0.95	1	1	2.715925
HS20_serv_inv	BOBJ1	48	119.1	Before	Left Exterior Girder	6.39	0.95	1	1	3.155105
HS20_serv_inv	BOBJ1	48	119.1	Before	Interior Girder 1	6.39	0.95	1	1	3.340852
HS20_serv_inv	BOBJ1	48	119.1	Before	Interior Girder 2	6.39	0.95	1	1	3.273924
HS20_serv_inv	BOBJ1	48	119.1	Before	Interior Girder 3	6.39	0.95	1	1	3.171657
HS20_serv_inv	BOBJ1	48	119.1	Before	Interior Girder 4	6.39	0.95	1	1	3.171657
HS20_serv_inv	BOBJ1	48	119.1	Before	Interior Girder 5	6.39	0.95	1	1	3.273924
HS20_serv_inv	BOBJ1	48	119.1	Before	Interior Girder 6	6.39	0.95	1	1	3.340852
HS20_serv_inv	BOBJ1	48	119.1	Before	Right Exterior Girder	6.39	0.95	1	1	3.155105
HS20_serv_inv	BOBJ1	49	119.1	After	Left Exterior Girder	6.39	0.95	1	1	3.10502
HS20_serv_inv	BOBJ1	49	119.1	After	Interior Girder 1	6.39	0.95	1	1	3.396118
HS20_serv_inv	BOBJ1	49	119.1	After	Interior Girder 2	6.39	0.95	1	1	3.326125
HS20_serv_inv	BOBJ1	49	119.1	After	Interior Girder 3	6.39	0.95	1	1	3.197987
HS20_serv_inv	BOBJ1	49	119.1	After	Interior Girder 4	6.39	0.95	1	1	3.197987
HS20_serv_inv	BOBJ1	49	119.1	After	Interior Girder 5	6.39	0.95	1	1	3.326125
HS20_serv_inv	BOBJ1	49	119.1	After	Interior Girder 6	6.39	0.95	1	1	3.396118
HS20_serv_inv	BOBJ1	49	119.1	After	Right Exterior Girder	6.39	0.95	1	1	3.10502
HS20_serv_inv	BOBJ1	50	125.49	Before	Left Exterior Girder	12.78	0.95	1	1	4.592074
HS20_serv_inv	BOBJ1	50	125.49	Before	Interior Girder 1	12.78	0.95	1	1	4.5427
HS20_serv_inv	BOBJ1	50	125.49	Before	Interior Girder 2	12.78	0.95	1	1	4.563261
HS20_serv_inv	BOBJ1	50	125.49	Before	Interior Girder 3	12.78	0.95	1	1	4.615793
HS20_serv_inv	BOBJ1	50	125.49	Before	Interior Girder 4	12.78	0.95	1	1	4.615793
HS20_serv_inv	BOBJ1	50	125.49	Before	Interior Girder 5	12.78	0.95	1	1	4.563261
HS20_serv_inv	BOBJ1	50	125.49	Before	Interior Girder 6	12.78	0.95	1	1	4.5427
HS20_serv_inv	BOBJ1	50	125.49	Before	Right Exterior Girder	12.78	0.95	1	1	4.592074
HS20_serv_inv	BOBJ1	51	125.49	After	Left Exterior Girder	12.78	0.95	1	1	4.543482
HS20_serv_inv	BOBJ1	51	125.49	After	Interior Girder 1	12.78	0.95	1	1	4.59507
HS20_serv_inv	BOBJ1	51	125.49	After	Interior Girder 2	12.78	0.95	1	1	4.596286
HS20_serv_inv	BOBJ1	51	125.49	After	Interior Girder 3	12.78	0.95	1	1	4.6278
HS20_serv_inv	BOBJ1	51	125.49	After	Interior Girder 4	12.78	0.95	1	1	4.6278
HS20_serv_inv	BOBJ1	51	125.49	After	Interior Girder 5	12.78	0.95	1	1	4.596286
HS20_serv_inv	BOBJ1	51	125.49	After	Interior Girder 6	12.78	0.95	1	1	4.59507
HS20_serv_inv	BOBJ1	51	125.49	After	Right Exterior Girder	12.78	0.95	1	1	4.543482
HS20_serv_inv	BOBJ1	52	131.88	Before	Left Exterior Girder	19.17	0.95	1	1	4.467467
HS20_serv_inv	BOBJ1	52	131.88	Before	Interior Girder 1	19.17	0.95	1	1	4.313037
HS20_serv_inv	BOBJ1	52	131.88	Before	Interior Girder 2	19.17	0.95	1	1	3.926583
HS20_serv_inv	BOBJ1	52	131.88	Before	Interior Girder 3	19.17	0.95	1	1	3.783654
HS20_serv_inv	BOBJ1	52	131.88	Before	Interior Girder 4	19.17	0.95	1	1	3.783654
HS20_serv_inv	BOBJ1	52	131.88	Before	Interior Girder 5	19.17	0.95	1	1	3.926583
HS20_serv_inv	BOBJ1	52	131.88	Before	Interior Girder 6	19.17	0.95	1	1	4.313037

TABLE: Bridge Super Rating AASHTORATE18 31 - SteelICompServ-Flx - Approach, Span 16-19										
Request	BridgeObj	BridgeCut	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	Unitless	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
HS20_serv_inv	BOBJ1	52	131.88	Before	Right Exterior Girder	19.17	0.95	1	1	4.467467
HS20_serv_inv	BOBJ1	53	131.88	After	Left Exterior Girder	19.17	0.95	1	1	4.502026
HS20_serv_inv	BOBJ1	53	131.88	After	Interior Girder 1	19.17	0.95	1	1	4.297077
HS20_serv_inv	BOBJ1	53	131.88	After	Interior Girder 2	19.17	0.95	1	1	3.915676
HS20_serv_inv	BOBJ1	53	131.88	After	Interior Girder 3	19.17	0.95	1	1	3.806303
HS20_serv_inv	BOBJ1	53	131.88	After	Interior Girder 4	19.17	0.95	1	1	3.806303
HS20_serv_inv	BOBJ1	53	131.88	After	Interior Girder 5	19.17	0.95	1	1	3.915676
HS20_serv_inv	BOBJ1	53	131.88	After	Interior Girder 6	19.17	0.95	1	1	4.297077
HS20_serv_inv	BOBJ1	53	131.88	After	Right Exterior Girder	19.17	0.95	1	1	4.502026
HS20_serv_inv	BOBJ1	54	138.27	Before	Left Exterior Girder	25.56	0.95	1	1	4.015334
HS20_serv_inv	BOBJ1	54	138.27	Before	Interior Girder 1	25.56	0.95	1	1	3.36693
HS20_serv_inv	BOBJ1	54	138.27	Before	Interior Girder 2	25.56	0.95	1	1	3.178301
HS20_serv_inv	BOBJ1	54	138.27	Before	Interior Girder 3	25.56	0.95	1	1	3.026187
HS20_serv_inv	BOBJ1	54	138.27	Before	Interior Girder 4	25.56	0.95	1	1	3.026187
HS20_serv_inv	BOBJ1	54	138.27	Before	Interior Girder 5	25.56	0.95	1	1	3.178301
HS20_serv_inv	BOBJ1	54	138.27	Before	Interior Girder 6	25.56	0.95	1	1	3.36693
HS20_serv_inv	BOBJ1	54	138.27	Before	Right Exterior Girder	25.56	0.95	1	1	4.015334
HS20_serv_inv	BOBJ1	55	138.27	After	Left Exterior Girder	25.56	0.95	1	1	4.060108
HS20_serv_inv	BOBJ1	55	138.27	After	Interior Girder 1	25.56	0.95	1	1	3.347519
HS20_serv_inv	BOBJ1	55	138.27	After	Interior Girder 2	25.56	0.95	1	1	3.172237
HS20_serv_inv	BOBJ1	55	138.27	After	Interior Girder 3	25.56	0.95	1	1	3.036771
HS20_serv_inv	BOBJ1	55	138.27	After	Interior Girder 4	25.56	0.95	1	1	3.036771
HS20_serv_inv	BOBJ1	55	138.27	After	Interior Girder 5	25.56	0.95	1	1	3.172237
HS20_serv_inv	BOBJ1	55	138.27	After	Interior Girder 6	25.56	0.95	1	1	3.347519
HS20_serv_inv	BOBJ1	55	138.27	After	Right Exterior Girder	25.56	0.95	1	1	4.060108
HS20_serv_inv	BOBJ1	56	144.66	Before	Left Exterior Girder	31.95	0.95	1	1	4.143033
HS20_serv_inv	BOBJ1	56	144.66	Before	Interior Girder 1	31.95	0.95	1	1	3.381654
HS20_serv_inv	BOBJ1	56	144.66	Before	Interior Girder 2	31.95	0.95	1	1	3.206282
HS20_serv_inv	BOBJ1	56	144.66	Before	Interior Girder 3	31.95	0.95	1	1	3.069788
HS20_serv_inv	BOBJ1	56	144.66	Before	Interior Girder 4	31.95	0.95	1	1	3.069788
HS20_serv_inv	BOBJ1	56	144.66	Before	Interior Girder 5	31.95	0.95	1	1	3.206282
HS20_serv_inv	BOBJ1	56	144.66	Before	Interior Girder 6	31.95	0.95	1	1	3.381654
HS20_serv_inv	BOBJ1	56	144.66	Before	Right Exterior Girder	31.95	0.95	1	1	4.143033
HS20_serv_inv	BOBJ1	57	144.66	After	Left Exterior Girder	31.95	0.95	1	1	4.086233
HS20_serv_inv	BOBJ1	57	144.66	After	Interior Girder 1	31.95	0.95	1	1	3.407973
HS20_serv_inv	BOBJ1	57	144.66	After	Interior Girder 2	31.95	0.95	1	1	3.211288
HS20_serv_inv	BOBJ1	57	144.66	After	Interior Girder 3	31.95	0.95	1	1	3.053919
HS20_serv_inv	BOBJ1	57	144.66	After	Interior Girder 4	31.95	0.95	1	1	3.053919
HS20_serv_inv	BOBJ1	57	144.66	After	Interior Girder 5	31.95	0.95	1	1	3.211288
HS20_serv_inv	BOBJ1	57	144.66	After	Interior Girder 6	31.95	0.95	1	1	3.407973
HS20_serv_inv	BOBJ1	57	144.66	After	Right Exterior Girder	31.95	0.95	1	1	4.086233
HS20_serv_inv	BOBJ1	58	151.05	Before	Left Exterior Girder	38.34	0.95	1	1	4.794466
HS20_serv_inv	BOBJ1	58	151.05	Before	Interior Girder 1	38.34	0.95	1	1	4.440575
HS20_serv_inv	BOBJ1	58	151.05	Before	Interior Girder 2	38.34	0.95	1	1	4.030915
HS20_serv_inv	BOBJ1	58	151.05	Before	Interior Girder 3	38.34	0.95	1	1	3.911074
HS20_serv_inv	BOBJ1	58	151.05	Before	Interior Girder 4	38.34	0.95	1	1	3.911074
HS20_serv_inv	BOBJ1	58	151.05	Before	Interior Girder 5	38.34	0.95	1	1	4.030915
HS20_serv_inv	BOBJ1	58	151.05	Before	Interior Girder 6	38.34	0.95	1	1	4.440575
HS20_serv_inv	BOBJ1	58	151.05	Before	Right Exterior Girder	38.34	0.95	1	1	4.794466
HS20_serv_inv	BOBJ1	59	151.05	After	Left Exterior Girder	38.34	0.95	1	1	4.744827
HS20_serv_inv	BOBJ1	59	151.05	After	Interior Girder 1	38.34	0.95	1	1	4.468186
HS20_serv_inv	BOBJ1	59	151.05	After	Interior Girder 2	38.34	0.95	1	1	4.041864
HS20_serv_inv	BOBJ1	59	151.05	After	Interior Girder 3	38.34	0.95	1	1	3.881706
HS20_serv_inv	BOBJ1	59	151.05	After	Interior Girder 4	38.34	0.95	1	1	3.881706
HS20_serv_inv	BOBJ1	59	151.05	After	Interior Girder 5	38.34	0.95	1	1	4.041864
HS20_serv_inv	BOBJ1	59	151.05	After	Interior Girder 6	38.34	0.95	1	1	4.468186
HS20_serv_inv	BOBJ1	59	151.05	After	Right Exterior Girder	38.34	0.95	1	1	4.744827
HS20_serv_inv	BOBJ1	60	157.4367	Before	Left Exterior Girder	44.7267	0.95	1	1	4.664628
HS20_serv_inv	BOBJ1	60	157.4367	Before	Interior Girder 1	44.7267	0.95	1	1	4.884575
HS20_serv_inv	BOBJ1	60	157.4367	Before	Interior Girder 2	44.7267	0.95	1	1	4.761177
HS20_serv_inv	BOBJ1	60	157.4367	Before	Interior Girder 3	44.7267	0.95	1	1	4.780767
HS20_serv_inv	BOBJ1	60	157.4367	Before	Interior Girder 4	44.7267	0.95	1	1	4.780767
HS20_serv_inv	BOBJ1	60	157.4367	Before	Interior Girder 5	44.7267	0.95	1	1	4.761177
HS20_serv_inv	BOBJ1	60	157.4367	Before	Interior Girder 6	44.7267	0.95	1	1	4.884575
HS20_serv_inv	BOBJ1	60	157.4367	Before	Right Exterior Girder	44.7267	0.95	1	1	4.664628
HS20_serv_inv	BOBJ1	61	157.4367	After	Left Exterior Girder	44.7267	0.95	1	1	4.704736
HS20_serv_inv	BOBJ1	61	157.4367	After	Interior Girder 1	44.7267	0.95	1	1	4.845971
HS20_serv_inv	BOBJ1	61	157.4367	After	Interior Girder 2	44.7267	0.95	1	1	4.739119
HS20_serv_inv	BOBJ1	61	157.4367	After	Interior Girder 3	44.7267	0.95	1	1	4.773299
HS20_serv_inv	BOBJ1	61	157.4367	After	Interior Girder 4	44.7267	0.95	1	1	4.773299
HS20_serv_inv	BOBJ1	61	157.4367	After	Interior Girder 5	44.7267	0.95	1	1	4.739119
HS20_serv_inv	BOBJ1	61	157.4367	After	Interior Girder 6	44.7267	0.95	1	1	4.845971
HS20_serv_inv	BOBJ1	61	157.4367	After	Right Exterior Girder	44.7267	0.95	1	1	4.704736

TABLE: Bridge Super Rating AASHTORATE18 31 - SteelICompServ-Flx - Approach, Span 16-19										
Request	BridgeObj	BridgeCut	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	Unitless	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
HS20_serv_inv	BOBJ1	62	158.71	Before	Left Exterior Girder	46	0.95	1	1	4.357886
HS20_serv_inv	BOBJ1	62	158.71	Before	Interior Girder 1	46	0.95	1	1	4.603334
HS20_serv_inv	BOBJ1	62	158.71	Before	Interior Girder 2	46	0.95	1	1	4.452068
HS20_serv_inv	BOBJ1	62	158.71	Before	Interior Girder 3	46	0.95	1	1	4.428845
HS20_serv_inv	BOBJ1	62	158.71	Before	Interior Girder 4	46	0.95	1	1	4.428845
HS20_serv_inv	BOBJ1	62	158.71	Before	Interior Girder 5	46	0.95	1	1	4.452068
HS20_serv_inv	BOBJ1	62	158.71	Before	Interior Girder 6	46	0.95	1	1	4.603334
HS20_serv_inv	BOBJ1	62	158.71	Before	Right Exterior Girder	46	0.95	1	1	4.357886
HS20_serv_inv	BOBJ1	63	158.71	After	Left Exterior Girder	46	0.95	1	1	5.940949
HS20_serv_inv	BOBJ1	63	158.71	After	Interior Girder 1	46	0.95	1	1	5.760618
HS20_serv_inv	BOBJ1	63	158.71	After	Interior Girder 2	46	0.95	1	1	5.550246
HS20_serv_inv	BOBJ1	63	158.71	After	Interior Girder 3	46	0.95	1	1	5.551181
HS20_serv_inv	BOBJ1	63	158.71	After	Interior Girder 4	46	0.95	1	1	5.551181
HS20_serv_inv	BOBJ1	63	158.71	After	Interior Girder 5	46	0.95	1	1	5.550246
HS20_serv_inv	BOBJ1	63	158.71	After	Interior Girder 6	46	0.95	1	1	5.760618
HS20_serv_inv	BOBJ1	63	158.71	After	Right Exterior Girder	46	0.95	1	1	5.940949
HS20_serv_inv	BOBJ1	64	163.8233	Before	Left Exterior Girder	51.1133	0.95	1	1	4.507274
HS20_serv_inv	BOBJ1	64	163.8233	Before	Interior Girder 1	51.1133	0.95	1	1	4.641709
HS20_serv_inv	BOBJ1	64	163.8233	Before	Interior Girder 2	51.1133	0.95	1	1	4.394873
HS20_serv_inv	BOBJ1	64	163.8233	Before	Interior Girder 3	51.1133	0.95	1	1	4.166714
HS20_serv_inv	BOBJ1	64	163.8233	Before	Interior Girder 4	51.1133	0.95	1	1	4.166714
HS20_serv_inv	BOBJ1	64	163.8233	Before	Interior Girder 5	51.1133	0.95	1	1	4.394873
HS20_serv_inv	BOBJ1	64	163.8233	Before	Interior Girder 6	51.1133	0.95	1	1	4.641709
HS20_serv_inv	BOBJ1	64	163.8233	Before	Right Exterior Girder	51.1133	0.95	1	1	4.507274
HS20_serv_inv	BOBJ1	65	163.8233	After	Left Exterior Girder	51.1133	0.95	1	1	4.577015
HS20_serv_inv	BOBJ1	65	163.8233	After	Interior Girder 1	51.1133	0.95	1	1	4.534231
HS20_serv_inv	BOBJ1	65	163.8233	After	Interior Girder 2	51.1133	0.95	1	1	4.309588
HS20_serv_inv	BOBJ1	65	163.8233	After	Interior Girder 3	51.1133	0.95	1	1	4.087494
HS20_serv_inv	BOBJ1	65	163.8233	After	Interior Girder 4	51.1133	0.95	1	1	4.087494
HS20_serv_inv	BOBJ1	65	163.8233	After	Interior Girder 5	51.1133	0.95	1	1	4.309588
HS20_serv_inv	BOBJ1	65	163.8233	After	Interior Girder 6	51.1133	0.95	1	1	4.534231
HS20_serv_inv	BOBJ1	65	163.8233	After	Right Exterior Girder	51.1133	0.95	1	1	4.577015
HS20_serv_inv	BOBJ1	66	164.71	Before	Left Exterior Girder	52	0.95	1	1	4.335251
HS20_serv_inv	BOBJ1	66	164.71	Before	Right Exterior Girder	52	0.95	1	1	4.335251
HS20_serv_inv	BOBJ1	67	164.71	After	Left Exterior Girder	52	0.95	1	1	6.536665
HS20_serv_inv	BOBJ1	67	164.71	After	Right Exterior Girder	52	0.95	1	1	6.536665
HS20_serv_inv	BOBJ1	68	170.21	Before	Left Exterior Girder	57.5	0.95	1	1	4.953921
HS20_serv_inv	BOBJ1	68	170.21	Before	Interior Girder 1	57.5	0.95	1	1	3.045699
HS20_serv_inv	BOBJ1	68	170.21	Before	Interior Girder 2	57.5	0.95	1	1	2.837489
HS20_serv_inv	BOBJ1	68	170.21	Before	Interior Girder 3	57.5	0.95	1	1	2.342603
HS20_serv_inv	BOBJ1	68	170.21	Before	Interior Girder 4	57.5	0.95	1	1	2.342603
HS20_serv_inv	BOBJ1	68	170.21	Before	Interior Girder 5	57.5	0.95	1	1	2.837489
HS20_serv_inv	BOBJ1	68	170.21	Before	Interior Girder 6	57.5	0.95	1	1	3.045699
HS20_serv_inv	BOBJ1	68	170.21	Before	Right Exterior Girder	57.5	0.95	1	1	4.953921
HS20_serv_inv	BOBJ1	69	170.21	After	Left Exterior Girder	0	0.95	1	1	4.981978
HS20_serv_inv	BOBJ1	69	170.21	After	Interior Girder 1	0	0.95	1	1	2.960352
HS20_serv_inv	BOBJ1	69	170.21	After	Interior Girder 2	0	0.95	1	1	2.781346
HS20_serv_inv	BOBJ1	69	170.21	After	Interior Girder 3	0	0.95	1	1	2.330178
HS20_serv_inv	BOBJ1	69	170.21	After	Interior Girder 4	0	0.95	1	1	2.330178
HS20_serv_inv	BOBJ1	69	170.21	After	Interior Girder 5	0	0.95	1	1	2.781346
HS20_serv_inv	BOBJ1	69	170.21	After	Interior Girder 6	0	0.95	1	1	2.960352
HS20_serv_inv	BOBJ1	69	170.21	After	Right Exterior Girder	0	0.95	1	1	4.981978
HS20_serv_inv	BOBJ1	70	176.21	Before	Left Exterior Girder	6	0.95	1	1	7.635099
HS20_serv_inv	BOBJ1	70	176.21	Before	Right Exterior Girder	6	0.95	1	1	7.635099
HS20_serv_inv	BOBJ1	71	176.21	After	Left Exterior Girder	6	0.95	1	1	5.142917
HS20_serv_inv	BOBJ1	71	176.21	After	Right Exterior Girder	6	0.95	1	1	5.142917
HS20_serv_inv	BOBJ1	72	176.6	Before	Left Exterior Girder	6.39	0.95	1	1	5.26721
HS20_serv_inv	BOBJ1	72	176.6	Before	Interior Girder 1	6.39	0.95	1	1	5.034391
HS20_serv_inv	BOBJ1	72	176.6	Before	Interior Girder 2	6.39	0.95	1	1	4.70978
HS20_serv_inv	BOBJ1	72	176.6	Before	Interior Girder 3	6.39	0.95	1	1	4.470102
HS20_serv_inv	BOBJ1	72	176.6	Before	Interior Girder 4	6.39	0.95	1	1	4.470102
HS20_serv_inv	BOBJ1	72	176.6	Before	Interior Girder 5	6.39	0.95	1	1	4.70978
HS20_serv_inv	BOBJ1	72	176.6	Before	Interior Girder 6	6.39	0.95	1	1	5.034391
HS20_serv_inv	BOBJ1	72	176.6	Before	Right Exterior Girder	6.39	0.95	1	1	5.26721
HS20_serv_inv	BOBJ1	73	176.6	After	Left Exterior Girder	6.39	0.95	1	1	5.155275
HS20_serv_inv	BOBJ1	73	176.6	After	Interior Girder 1	6.39	0.95	1	1	5.158416
HS20_serv_inv	BOBJ1	73	176.6	After	Interior Girder 2	6.39	0.95	1	1	4.812677
HS20_serv_inv	BOBJ1	73	176.6	After	Interior Girder 3	6.39	0.95	1	1	4.561459
HS20_serv_inv	BOBJ1	73	176.6	After	Interior Girder 4	6.39	0.95	1	1	4.561459
HS20_serv_inv	BOBJ1	73	176.6	After	Interior Girder 5	6.39	0.95	1	1	4.812677
HS20_serv_inv	BOBJ1	73	176.6	After	Interior Girder 6	6.39	0.95	1	1	5.158416
HS20_serv_inv	BOBJ1	73	176.6	After	Right Exterior Girder	6.39	0.95	1	1	5.155275
HS20_serv_inv	BOBJ1	74	182.99	Before	Left Exterior Girder	12.78	0.95	1	1	7.13379

TABLE: Bridge Super Rating AASHTORATE18 31 - SteelICompServ-Flx - Approach, Span 16-19										
Request	BridgeObj	BridgeCut	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	Unitless	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
HS20_serv_inv	BOBJ1	74	182.99	Before	Interior Girder 1	12.78	0.95	1	1	6.456727
HS20_serv_inv	BOBJ1	74	182.99	Before	Interior Girder 2	12.78	0.95	1	1	5.875918
HS20_serv_inv	BOBJ1	74	182.99	Before	Interior Girder 3	12.78	0.95	1	1	5.694117
HS20_serv_inv	BOBJ1	74	182.99	Before	Interior Girder 4	12.78	0.95	1	1	5.694117
HS20_serv_inv	BOBJ1	74	182.99	Before	Interior Girder 5	12.78	0.95	1	1	5.875918
HS20_serv_inv	BOBJ1	74	182.99	Before	Interior Girder 6	12.78	0.95	1	1	6.456727
HS20_serv_inv	BOBJ1	74	182.99	Before	Right Exterior Girder	12.78	0.95	1	1	7.13379
HS20_serv_inv	BOBJ1	75	182.99	After	Left Exterior Girder	12.78	0.95	1	1	7.079899
HS20_serv_inv	BOBJ1	75	182.99	After	Interior Girder 1	12.78	0.95	1	1	6.486449
HS20_serv_inv	BOBJ1	75	182.99	After	Interior Girder 2	12.78	0.95	1	1	5.917407
HS20_serv_inv	BOBJ1	75	182.99	After	Interior Girder 3	12.78	0.95	1	1	5.882659
HS20_serv_inv	BOBJ1	75	182.99	After	Interior Girder 4	12.78	0.95	1	1	5.882659
HS20_serv_inv	BOBJ1	75	182.99	After	Interior Girder 5	12.78	0.95	1	1	5.917407
HS20_serv_inv	BOBJ1	75	182.99	After	Interior Girder 6	12.78	0.95	1	1	6.486449
HS20_serv_inv	BOBJ1	75	182.99	After	Right Exterior Girder	12.78	0.95	1	1	7.079899
HS20_serv_inv	BOBJ1	76	189.38	Before	Left Exterior Girder	19.17	0.95	1	1	4.622656
HS20_serv_inv	BOBJ1	76	189.38	Before	Interior Girder 1	19.17	0.95	1	1	4.25057
HS20_serv_inv	BOBJ1	76	189.38	Before	Interior Girder 2	19.17	0.95	1	1	3.895233
HS20_serv_inv	BOBJ1	76	189.38	Before	Interior Girder 3	19.17	0.95	1	1	3.795324
HS20_serv_inv	BOBJ1	76	189.38	Before	Interior Girder 4	19.17	0.95	1	1	3.795324
HS20_serv_inv	BOBJ1	76	189.38	Before	Interior Girder 5	19.17	0.95	1	1	3.895233
HS20_serv_inv	BOBJ1	76	189.38	Before	Interior Girder 6	19.17	0.95	1	1	4.25057
HS20_serv_inv	BOBJ1	76	189.38	Before	Right Exterior Girder	19.17	0.95	1	1	4.622656
HS20_serv_inv	BOBJ1	77	189.38	After	Left Exterior Girder	19.17	0.95	1	1	4.686504
HS20_serv_inv	BOBJ1	77	189.38	After	Interior Girder 1	19.17	0.95	1	1	4.215503
HS20_serv_inv	BOBJ1	77	189.38	After	Interior Girder 2	19.17	0.95	1	1	3.885056
HS20_serv_inv	BOBJ1	77	189.38	After	Interior Girder 3	19.17	0.95	1	1	3.827214
HS20_serv_inv	BOBJ1	77	189.38	After	Interior Girder 4	19.17	0.95	1	1	3.827214
HS20_serv_inv	BOBJ1	77	189.38	After	Interior Girder 5	19.17	0.95	1	1	3.885056
HS20_serv_inv	BOBJ1	77	189.38	After	Interior Girder 6	19.17	0.95	1	1	4.215503
HS20_serv_inv	BOBJ1	77	189.38	After	Right Exterior Girder	19.17	0.95	1	1	4.686504
HS20_serv_inv	BOBJ1	78	195.77	Before	Left Exterior Girder	25.56	0.95	1	1	3.598826
HS20_serv_inv	BOBJ1	78	195.77	Before	Interior Girder 1	25.56	0.95	1	1	2.97898
HS20_serv_inv	BOBJ1	78	195.77	Before	Interior Girder 2	25.56	0.95	1	1	2.854287
HS20_serv_inv	BOBJ1	78	195.77	Before	Interior Girder 3	25.56	0.95	1	1	2.763487
HS20_serv_inv	BOBJ1	78	195.77	Before	Interior Girder 4	25.56	0.95	1	1	2.763487
HS20_serv_inv	BOBJ1	78	195.77	Before	Interior Girder 5	25.56	0.95	1	1	2.854287
HS20_serv_inv	BOBJ1	78	195.77	Before	Interior Girder 6	25.56	0.95	1	1	2.97898
HS20_serv_inv	BOBJ1	78	195.77	Before	Right Exterior Girder	25.56	0.95	1	1	3.598826
HS20_serv_inv	BOBJ1	79	195.77	After	Left Exterior Girder	25.56	0.95	1	1	3.658828
HS20_serv_inv	BOBJ1	79	195.77	After	Interior Girder 1	25.56	0.95	1	1	2.949186
HS20_serv_inv	BOBJ1	79	195.77	After	Interior Girder 2	25.56	0.95	1	1	2.849005
HS20_serv_inv	BOBJ1	79	195.77	After	Interior Girder 3	25.56	0.95	1	1	2.780572
HS20_serv_inv	BOBJ1	79	195.77	After	Interior Girder 4	25.56	0.95	1	1	2.780572
HS20_serv_inv	BOBJ1	79	195.77	After	Interior Girder 5	25.56	0.95	1	1	2.849005
HS20_serv_inv	BOBJ1	79	195.77	After	Interior Girder 6	25.56	0.95	1	1	2.949186
HS20_serv_inv	BOBJ1	79	195.77	After	Right Exterior Girder	25.56	0.95	1	1	3.658828
HS20_serv_inv	BOBJ1	80	202.16	Before	Left Exterior Girder	31.95	0.95	1	1	3.231819
HS20_serv_inv	BOBJ1	80	202.16	Before	Interior Girder 1	31.95	0.95	1	1	2.681082
HS20_serv_inv	BOBJ1	80	202.16	Before	Interior Girder 2	31.95	0.95	1	1	2.589687
HS20_serv_inv	BOBJ1	80	202.16	Before	Interior Girder 3	31.95	0.95	1	1	2.530855
HS20_serv_inv	BOBJ1	80	202.16	Before	Interior Girder 4	31.95	0.95	1	1	2.530855
HS20_serv_inv	BOBJ1	80	202.16	Before	Interior Girder 5	31.95	0.95	1	1	2.589687
HS20_serv_inv	BOBJ1	80	202.16	Before	Interior Girder 6	31.95	0.95	1	1	2.681082
HS20_serv_inv	BOBJ1	80	202.16	Before	Right Exterior Girder	31.95	0.95	1	1	3.231819
HS20_serv_inv	BOBJ1	81	202.16	After	Left Exterior Girder	31.95	0.95	1	1	3.208344
HS20_serv_inv	BOBJ1	81	202.16	After	Interior Girder 1	31.95	0.95	1	1	2.689599
HS20_serv_inv	BOBJ1	81	202.16	After	Interior Girder 2	31.95	0.95	1	1	2.597387
HS20_serv_inv	BOBJ1	81	202.16	After	Interior Girder 3	31.95	0.95	1	1	2.532951
HS20_serv_inv	BOBJ1	81	202.16	After	Interior Girder 4	31.95	0.95	1	1	2.532951
HS20_serv_inv	BOBJ1	81	202.16	After	Interior Girder 5	31.95	0.95	1	1	2.597387
HS20_serv_inv	BOBJ1	81	202.16	After	Interior Girder 6	31.95	0.95	1	1	2.689599
HS20_serv_inv	BOBJ1	81	202.16	After	Right Exterior Girder	31.95	0.95	1	1	3.208344
HS20_serv_inv	BOBJ1	82	208.55	Before	Left Exterior Girder	38.34	0.95	1	1	3.11586
HS20_serv_inv	BOBJ1	82	208.55	Before	Interior Girder 1	38.34	0.95	1	1	2.902511
HS20_serv_inv	BOBJ1	82	208.55	Before	Interior Girder 2	38.34	0.95	1	1	2.780542
HS20_serv_inv	BOBJ1	82	208.55	Before	Interior Girder 3	38.34	0.95	1	1	2.75241
HS20_serv_inv	BOBJ1	82	208.55	Before	Interior Girder 4	38.34	0.95	1	1	2.75241
HS20_serv_inv	BOBJ1	82	208.55	Before	Interior Girder 5	38.34	0.95	1	1	2.780542
HS20_serv_inv	BOBJ1	82	208.55	Before	Interior Girder 6	38.34	0.95	1	1	2.902511
HS20_serv_inv	BOBJ1	82	208.55	Before	Right Exterior Girder	38.34	0.95	1	1	3.11586
HS20_serv_inv	BOBJ1	83	208.55	After	Left Exterior Girder	38.34	0.95	1	1	3.09022
HS20_serv_inv	BOBJ1	83	208.55	After	Interior Girder 1	38.34	0.95	1	1	2.915131

TABLE: Bridge Super Rating AASHTORATE18 31 - SteelICompServ-Flx - Approach, Span 16-19										
Request	BridgeObj	BridgeCut	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	Unitless	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
HS20_serv_inv	BOBJ1	83	208.55	After	Interior Girder 2	38.34	0.95	1	1	2.778803
HS20_serv_inv	BOBJ1	83	208.55	After	Interior Girder 3	38.34	0.95	1	1	2.741192
HS20_serv_inv	BOBJ1	83	208.55	After	Interior Girder 4	38.34	0.95	1	1	2.741192
HS20_serv_inv	BOBJ1	83	208.55	After	Interior Girder 5	38.34	0.95	1	1	2.778803
HS20_serv_inv	BOBJ1	83	208.55	After	Interior Girder 6	38.34	0.95	1	1	2.915131
HS20_serv_inv	BOBJ1	83	208.55	After	Right Exterior Girder	38.34	0.95	1	1	3.09022
HS20_serv_inv	BOBJ1	84	215.1233	Before	Left Exterior Girder	44.9133	0.95	1	1	4.171444
HS20_serv_inv	BOBJ1	84	215.1233	Before	Interior Girder 1	44.9133	0.95	1	1	3.293328
HS20_serv_inv	BOBJ1	84	215.1233	Before	Interior Girder 2	44.9133	0.95	1	1	3.164073
HS20_serv_inv	BOBJ1	84	215.1233	Before	Interior Girder 3	44.9133	0.95	1	1	3.079281
HS20_serv_inv	BOBJ1	84	215.1233	Before	Interior Girder 4	44.9133	0.95	1	1	3.079281
HS20_serv_inv	BOBJ1	84	215.1233	Before	Interior Girder 5	44.9133	0.95	1	1	3.164073
HS20_serv_inv	BOBJ1	84	215.1233	Before	Interior Girder 6	44.9133	0.95	1	1	3.293328
HS20_serv_inv	BOBJ1	84	215.1233	Before	Right Exterior Girder	44.9133	0.95	1	1	4.171444
HS20_serv_inv	BOBJ1	85	215.1233	After	Left Exterior Girder	44.9133	0.95	1	1	4.151126
HS20_serv_inv	BOBJ1	85	215.1233	After	Interior Girder 1	44.9133	0.95	1	1	3.296515
HS20_serv_inv	BOBJ1	85	215.1233	After	Interior Girder 2	44.9133	0.95	1	1	3.113353
HS20_serv_inv	BOBJ1	85	215.1233	After	Interior Girder 3	44.9133	0.95	1	1	3.008734
HS20_serv_inv	BOBJ1	85	215.1233	After	Interior Girder 4	44.9133	0.95	1	1	3.008734
HS20_serv_inv	BOBJ1	85	215.1233	After	Interior Girder 5	44.9133	0.95	1	1	3.113353
HS20_serv_inv	BOBJ1	85	215.1233	After	Interior Girder 6	44.9133	0.95	1	1	3.296515
HS20_serv_inv	BOBJ1	85	215.1233	After	Right Exterior Girder	44.9133	0.95	1	1	4.151126
HS20_serv_inv	BOBJ1	86	221.6967	Before	Left Exterior Girder	51.4867	0.95	1	1	8.099672
HS20_serv_inv	BOBJ1	86	221.6967	Before	Interior Girder 1	51.4867	0.95	1	1	5.274289
HS20_serv_inv	BOBJ1	86	221.6967	Before	Interior Girder 2	51.4867	0.95	1	1	5.055926
HS20_serv_inv	BOBJ1	86	221.6967	Before	Interior Girder 3	51.4867	0.95	1	1	4.604306
HS20_serv_inv	BOBJ1	86	221.6967	Before	Interior Girder 4	51.4867	0.95	1	1	4.604306
HS20_serv_inv	BOBJ1	86	221.6967	Before	Interior Girder 5	51.4867	0.95	1	1	5.055926
HS20_serv_inv	BOBJ1	86	221.6967	Before	Interior Girder 6	51.4867	0.95	1	1	5.274289
HS20_serv_inv	BOBJ1	86	221.6967	Before	Right Exterior Girder	51.4867	0.95	1	1	8.099672
HS20_serv_inv	BOBJ1	87	221.6967	After	Left Exterior Girder	51.4867	0.95	1	1	8.031836
HS20_serv_inv	BOBJ1	87	221.6967	After	Interior Girder 1	51.4867	0.95	1	1	5.301775
HS20_serv_inv	BOBJ1	87	221.6967	After	Interior Girder 2	51.4867	0.95	1	1	4.981028
HS20_serv_inv	BOBJ1	87	221.6967	After	Interior Girder 3	51.4867	0.95	1	1	4.429117
HS20_serv_inv	BOBJ1	87	221.6967	After	Interior Girder 4	51.4867	0.95	1	1	4.429117
HS20_serv_inv	BOBJ1	87	221.6967	After	Interior Girder 5	51.4867	0.95	1	1	4.981028
HS20_serv_inv	BOBJ1	87	221.6967	After	Interior Girder 6	51.4867	0.95	1	1	5.301775
HS20_serv_inv	BOBJ1	87	221.6967	After	Right Exterior Girder	51.4867	0.95	1	1	8.031836
HS20_serv_inv	BOBJ1	88	228.27	Before	Left Exterior Girder	58.06	0.95	1	1	452.43132
HS20_serv_inv	BOBJ1	88	228.27	Before	Interior Girder 1	58.06	0.95	1	1	472.347772
HS20_serv_inv	BOBJ1	88	228.27	Before	Interior Girder 2	58.06	0.95	1	1	244.118643
HS20_serv_inv	BOBJ1	88	228.27	Before	Interior Girder 3	58.06	0.95	1	1	176.699157
HS20_serv_inv	BOBJ1	88	228.27	Before	Interior Girder 4	58.06	0.95	1	1	176.699156
HS20_serv_inv	BOBJ1	88	228.27	Before	Interior Girder 5	58.06	0.95	1	1	244.118643
HS20_serv_inv	BOBJ1	88	228.27	Before	Interior Girder 6	58.06	0.95	1	1	472.347772
HS20_serv_inv	BOBJ1	88	228.27	Before	Right Exterior Girder	58.06	0.95	1	1	452.43132
HS15_serv_opr	BOBJ1	1	0	After	Left Exterior Girder	0	0.95	1	1	1143.089032
HS15_serv_opr	BOBJ1	1	0	After	Interior Girder 1	0	0.95	1	1	817.671381
HS15_serv_opr	BOBJ1	1	0	After	Interior Girder 2	0	0.95	1	1	457.093952
HS15_serv_opr	BOBJ1	1	0	After	Interior Girder 3	0	0.95	1	1	366.641834
HS15_serv_opr	BOBJ1	1	0	After	Interior Girder 4	0	0.95	1	1	366.641835
HS15_serv_opr	BOBJ1	1	0	After	Interior Girder 5	0	0.95	1	1	457.093958
HS15_serv_opr	BOBJ1	1	0	After	Interior Girder 6	0	0.95	1	1	817.671381
HS15_serv_opr	BOBJ1	1	0	After	Right Exterior Girder	0	0.95	1	1	1143.089032
HS15_serv_opr	BOBJ1	2	5.3833	Before	Left Exterior Girder	5.3833	0.95	1	1	15.411236
HS15_serv_opr	BOBJ1	2	5.3833	Before	Interior Girder 1	5.3833	0.95	1	1	10.11536
HS15_serv_opr	BOBJ1	2	5.3833	Before	Interior Girder 2	5.3833	0.95	1	1	9.501828
HS15_serv_opr	BOBJ1	2	5.3833	Before	Interior Girder 3	5.3833	0.95	1	1	8.242979
HS15_serv_opr	BOBJ1	2	5.3833	Before	Interior Girder 4	5.3833	0.95	1	1	8.242979
HS15_serv_opr	BOBJ1	2	5.3833	Before	Interior Girder 5	5.3833	0.95	1	1	9.501828
HS15_serv_opr	BOBJ1	2	5.3833	Before	Interior Girder 6	5.3833	0.95	1	1	10.11536
HS15_serv_opr	BOBJ1	2	5.3833	Before	Right Exterior Girder	5.3833	0.95	1	1	15.411236
HS15_serv_opr	BOBJ1	3	5.3833	After	Left Exterior Girder	5.3833	0.95	1	1	15.607469
HS15_serv_opr	BOBJ1	3	5.3833	After	Interior Girder 1	5.3833	0.95	1	1	10.137326
HS15_serv_opr	BOBJ1	3	5.3833	After	Interior Girder 2	5.3833	0.95	1	1	9.653351
HS15_serv_opr	BOBJ1	3	5.3833	After	Interior Girder 3	5.3833	0.95	1	1	8.518117
HS15_serv_opr	BOBJ1	3	5.3833	After	Interior Girder 4	5.3833	0.95	1	1	8.518117
HS15_serv_opr	BOBJ1	3	5.3833	After	Interior Girder 5	5.3833	0.95	1	1	9.653351
HS15_serv_opr	BOBJ1	3	5.3833	After	Interior Girder 6	5.3833	0.95	1	1	10.137326
HS15_serv_opr	BOBJ1	3	5.3833	After	Right Exterior Girder	5.3833	0.95	1	1	15.607469
HS15_serv_opr	BOBJ1	4	10.7667	Before	Left Exterior Girder	10.7667	0.95	1	1	8.650561
HS15_serv_opr	BOBJ1	4	10.7667	Before	Interior Girder 1	10.7667	0.95	1	1	6.609024
HS15_serv_opr	BOBJ1	4	10.7667	Before	Interior Girder 2	10.7667	0.95	1	1	6.15395

TABLE: Bridge Super Rating AASHTORATE18 31 - SteelICompServ-Flx - Approach, Span 16-19										
Request	BridgeObj	BridgeCut	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	Unitless	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
HS15_serv_opr	BOBJ1	4	10.7667	Before	Interior Girder 3	10.7667	0.95	1	1	5.829435
HS15_serv_opr	BOBJ1	4	10.7667	Before	Interior Girder 4	10.7667	0.95	1	1	5.829435
HS15_serv_opr	BOBJ1	4	10.7667	Before	Interior Girder 5	10.7667	0.95	1	1	6.15395
HS15_serv_opr	BOBJ1	4	10.7667	Before	Interior Girder 6	10.7667	0.95	1	1	6.609024
HS15_serv_opr	BOBJ1	4	10.7667	Before	Right Exterior Girder	10.7667	0.95	1	1	8.650561
HS15_serv_opr	BOBJ1	5	10.7667	After	Left Exterior Girder	10.7667	0.95	1	1	8.613942
HS15_serv_opr	BOBJ1	5	10.7667	After	Interior Girder 1	10.7667	0.95	1	1	6.632171
HS15_serv_opr	BOBJ1	5	10.7667	After	Interior Girder 2	10.7667	0.95	1	1	6.250557
HS15_serv_opr	BOBJ1	5	10.7667	After	Interior Girder 3	10.7667	0.95	1	1	5.936848
HS15_serv_opr	BOBJ1	5	10.7667	After	Interior Girder 4	10.7667	0.95	1	1	5.936848
HS15_serv_opr	BOBJ1	5	10.7667	After	Interior Girder 5	10.7667	0.95	1	1	6.250557
HS15_serv_opr	BOBJ1	5	10.7667	After	Interior Girder 6	10.7667	0.95	1	1	6.632171
HS15_serv_opr	BOBJ1	5	10.7667	After	Right Exterior Girder	10.7667	0.95	1	1	8.613942
HS15_serv_opr	BOBJ1	6	16.15	Before	Left Exterior Girder	16.15	0.95	1	1	6.775655
HS15_serv_opr	BOBJ1	6	16.15	Before	Interior Girder 1	16.15	0.95	1	1	6.139791
HS15_serv_opr	BOBJ1	6	16.15	Before	Interior Girder 2	16.15	0.95	1	1	5.701746
HS15_serv_opr	BOBJ1	6	16.15	Before	Interior Girder 3	16.15	0.95	1	1	5.502
HS15_serv_opr	BOBJ1	6	16.15	Before	Interior Girder 4	16.15	0.95	1	1	5.502
HS15_serv_opr	BOBJ1	6	16.15	Before	Interior Girder 5	16.15	0.95	1	1	5.701746
HS15_serv_opr	BOBJ1	6	16.15	Before	Interior Girder 6	16.15	0.95	1	1	6.139791
HS15_serv_opr	BOBJ1	6	16.15	Before	Right Exterior Girder	16.15	0.95	1	1	6.775655
HS15_serv_opr	BOBJ1	7	16.15	After	Left Exterior Girder	16.15	0.95	1	1	6.796094
HS15_serv_opr	BOBJ1	7	16.15	After	Interior Girder 1	16.15	0.95	1	1	6.126456
HS15_serv_opr	BOBJ1	7	16.15	After	Interior Girder 2	16.15	0.95	1	1	5.713282
HS15_serv_opr	BOBJ1	7	16.15	After	Interior Girder 3	16.15	0.95	1	1	5.5184
HS15_serv_opr	BOBJ1	7	16.15	After	Interior Girder 4	16.15	0.95	1	1	5.5184
HS15_serv_opr	BOBJ1	7	16.15	After	Interior Girder 5	16.15	0.95	1	1	5.713282
HS15_serv_opr	BOBJ1	7	16.15	After	Interior Girder 6	16.15	0.95	1	1	6.126456
HS15_serv_opr	BOBJ1	7	16.15	After	Right Exterior Girder	16.15	0.95	1	1	6.796094
HS15_serv_opr	BOBJ1	8	22.1267	Before	Left Exterior Girder	22.1267	0.95	1	1	7.461945
HS15_serv_opr	BOBJ1	8	22.1267	Before	Interior Girder 1	22.1267	0.95	1	1	5.943713
HS15_serv_opr	BOBJ1	8	22.1267	Before	Interior Girder 2	22.1267	0.95	1	1	5.586425
HS15_serv_opr	BOBJ1	8	22.1267	Before	Interior Girder 3	22.1267	0.95	1	1	5.31526
HS15_serv_opr	BOBJ1	8	22.1267	Before	Interior Girder 4	22.1267	0.95	1	1	5.31526
HS15_serv_opr	BOBJ1	8	22.1267	Before	Interior Girder 5	22.1267	0.95	1	1	5.586425
HS15_serv_opr	BOBJ1	8	22.1267	Before	Interior Girder 6	22.1267	0.95	1	1	5.943713
HS15_serv_opr	BOBJ1	8	22.1267	Before	Right Exterior Girder	22.1267	0.95	1	1	7.461945
HS15_serv_opr	BOBJ1	9	22.1267	After	Left Exterior Girder	22.1267	0.95	1	1	7.524803
HS15_serv_opr	BOBJ1	9	22.1267	After	Interior Girder 1	22.1267	0.95	1	1	5.927673
HS15_serv_opr	BOBJ1	9	22.1267	After	Interior Girder 2	22.1267	0.95	1	1	5.558261
HS15_serv_opr	BOBJ1	9	22.1267	After	Interior Girder 3	22.1267	0.95	1	1	5.277508
HS15_serv_opr	BOBJ1	9	22.1267	After	Interior Girder 4	22.1267	0.95	1	1	5.277508
HS15_serv_opr	BOBJ1	9	22.1267	After	Interior Girder 5	22.1267	0.95	1	1	5.558261
HS15_serv_opr	BOBJ1	9	22.1267	After	Interior Girder 6	22.1267	0.95	1	1	5.927673
HS15_serv_opr	BOBJ1	9	22.1267	After	Right Exterior Girder	22.1267	0.95	1	1	7.524803
HS15_serv_opr	BOBJ1	10	28.1033	Before	Left Exterior Girder	28.1033	0.95	1	1	9.216835
HS15_serv_opr	BOBJ1	10	28.1033	Before	Interior Girder 1	28.1033	0.95	1	1	6.877208
HS15_serv_opr	BOBJ1	10	28.1033	Before	Interior Girder 2	28.1033	0.95	1	1	6.486328
HS15_serv_opr	BOBJ1	10	28.1033	Before	Interior Girder 3	28.1033	0.95	1	1	6.200584
HS15_serv_opr	BOBJ1	10	28.1033	Before	Interior Girder 4	28.1033	0.95	1	1	6.200584
HS15_serv_opr	BOBJ1	10	28.1033	Before	Interior Girder 5	28.1033	0.95	1	1	6.486328
HS15_serv_opr	BOBJ1	10	28.1033	Before	Interior Girder 6	28.1033	0.95	1	1	6.877208
HS15_serv_opr	BOBJ1	10	28.1033	Before	Right Exterior Girder	28.1033	0.95	1	1	9.216835
HS15_serv_opr	BOBJ1	11	28.1033	After	Left Exterior Girder	28.1033	0.95	1	1	9.092564
HS15_serv_opr	BOBJ1	11	28.1033	After	Interior Girder 1	28.1033	0.95	1	1	6.927312
HS15_serv_opr	BOBJ1	11	28.1033	After	Interior Girder 2	28.1033	0.95	1	1	6.478816
HS15_serv_opr	BOBJ1	11	28.1033	After	Interior Girder 3	28.1033	0.95	1	1	6.139349
HS15_serv_opr	BOBJ1	11	28.1033	After	Interior Girder 4	28.1033	0.95	1	1	6.139349
HS15_serv_opr	BOBJ1	11	28.1033	After	Interior Girder 5	28.1033	0.95	1	1	6.478816
HS15_serv_opr	BOBJ1	11	28.1033	After	Interior Girder 6	28.1033	0.95	1	1	6.927312
HS15_serv_opr	BOBJ1	11	28.1033	After	Right Exterior Girder	28.1033	0.95	1	1	9.092564
HS15_serv_opr	BOBJ1	12	34.08	Before	Left Exterior Girder	34.08	0.95	1	1	7.06521
HS15_serv_opr	BOBJ1	12	34.08	Before	Interior Girder 1	34.08	0.95	1	1	7.167709
HS15_serv_opr	BOBJ1	12	34.08	Before	Interior Girder 2	34.08	0.95	1	1	7.196095
HS15_serv_opr	BOBJ1	12	34.08	Before	Interior Girder 3	34.08	0.95	1	1	7.453077
HS15_serv_opr	BOBJ1	12	34.08	Before	Interior Girder 4	34.08	0.95	1	1	7.453077
HS15_serv_opr	BOBJ1	12	34.08	Before	Interior Girder 5	34.08	0.95	1	1	7.196095
HS15_serv_opr	BOBJ1	12	34.08	Before	Interior Girder 6	34.08	0.95	1	1	7.167709
HS15_serv_opr	BOBJ1	12	34.08	Before	Right Exterior Girder	34.08	0.95	1	1	7.06521
HS15_serv_opr	BOBJ1	13	34.08	After	Left Exterior Girder	34.08	0.95	1	1	7.130986
HS15_serv_opr	BOBJ1	13	34.08	After	Interior Girder 1	34.08	0.95	1	1	7.10097
HS15_serv_opr	BOBJ1	13	34.08	After	Interior Girder 2	34.08	0.95	1	1	7.15333
HS15_serv_opr	BOBJ1	13	34.08	After	Interior Girder 3	34.08	0.95	1	1	7.457352

TABLE: Bridge Super Rating AASHTORATE18 31 - SteelICompServ-Flx - Approach, Span 16-19										
Request	BridgeObj	BridgeCut	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	Unitless	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
HS15_serv_opr	BOBJ1	13	34.08	After	Interior Girder 4	34.08	0.95	1	1	7.457352
HS15_serv_opr	BOBJ1	13	34.08	After	Interior Girder 5	34.08	0.95	1	1	7.15333
HS15_serv_opr	BOBJ1	13	34.08	After	Interior Girder 6	34.08	0.95	1	1	7.10097
HS15_serv_opr	BOBJ1	13	34.08	After	Right Exterior Girder	34.08	0.95	1	1	7.130986
HS15_serv_opr	BOBJ1	14	39.855	Before	Left Exterior Girder	39.855	0.95	1	1	4.820299
HS15_serv_opr	BOBJ1	14	39.855	Before	Interior Girder 1	39.855	0.95	1	1	5.430591
HS15_serv_opr	BOBJ1	14	39.855	Before	Interior Girder 2	39.855	0.95	1	1	5.370775
HS15_serv_opr	BOBJ1	14	39.855	Before	Interior Girder 3	39.855	0.95	1	1	5.169292
HS15_serv_opr	BOBJ1	14	39.855	Before	Interior Girder 4	39.855	0.95	1	1	5.169292
HS15_serv_opr	BOBJ1	14	39.855	Before	Interior Girder 5	39.855	0.95	1	1	5.370775
HS15_serv_opr	BOBJ1	14	39.855	Before	Interior Girder 6	39.855	0.95	1	1	5.430591
HS15_serv_opr	BOBJ1	14	39.855	Before	Right Exterior Girder	39.855	0.95	1	1	4.820299
HS15_serv_opr	BOBJ1	15	39.855	After	Left Exterior Girder	39.855	0.95	1	1	4.903065
HS15_serv_opr	BOBJ1	15	39.855	After	Interior Girder 1	39.855	0.95	1	1	5.358037
HS15_serv_opr	BOBJ1	15	39.855	After	Interior Girder 2	39.855	0.95	1	1	5.309196
HS15_serv_opr	BOBJ1	15	39.855	After	Interior Girder 3	39.855	0.95	1	1	5.145507
HS15_serv_opr	BOBJ1	15	39.855	After	Interior Girder 4	39.855	0.95	1	1	5.145507
HS15_serv_opr	BOBJ1	15	39.855	After	Interior Girder 5	39.855	0.95	1	1	5.309196
HS15_serv_opr	BOBJ1	15	39.855	After	Interior Girder 6	39.855	0.95	1	1	5.358037
HS15_serv_opr	BOBJ1	15	39.855	After	Right Exterior Girder	39.855	0.95	1	1	4.903065
HS15_serv_opr	BOBJ1	16	40.0288	Before	Left Exterior Girder	40.0288	0.95	1	1	4.81573
HS15_serv_opr	BOBJ1	16	40.0288	Before	Right Exterior Girder	40.0288	0.95	1	1	4.81573
HS15_serv_opr	BOBJ1	17	40.0288	After	Left Exterior Girder	40.0288	0.95	1	1	6.918575
HS15_serv_opr	BOBJ1	17	40.0288	After	Right Exterior Girder	40.0288	0.95	1	1	6.918575
HS15_serv_opr	BOBJ1	18	45.63	Before	Left Exterior Girder	45.63	0.95	1	1	4.726482
HS15_serv_opr	BOBJ1	18	45.63	Before	Interior Girder 1	45.63	0.95	1	1	3.925563
HS15_serv_opr	BOBJ1	18	45.63	Before	Interior Girder 2	45.63	0.95	1	1	3.773271
HS15_serv_opr	BOBJ1	18	45.63	Before	Interior Girder 3	45.63	0.95	1	1	3.176328
HS15_serv_opr	BOBJ1	18	45.63	Before	Interior Girder 4	45.63	0.95	1	1	3.176328
HS15_serv_opr	BOBJ1	18	45.63	Before	Interior Girder 5	45.63	0.95	1	1	3.773271
HS15_serv_opr	BOBJ1	18	45.63	Before	Interior Girder 6	45.63	0.95	1	1	3.925563
HS15_serv_opr	BOBJ1	18	45.63	Before	Right Exterior Girder	45.63	0.95	1	1	4.726482
HS15_serv_opr	BOBJ1	19	45.63	After	Left Exterior Girder	0	0.95	1	1	4.700123
HS15_serv_opr	BOBJ1	19	45.63	After	Interior Girder 1	0	0.95	1	1	3.584273
HS15_serv_opr	BOBJ1	19	45.63	After	Interior Girder 2	0	0.95	1	1	3.483344
HS15_serv_opr	BOBJ1	19	45.63	After	Interior Girder 3	0	0.95	1	1	2.925176
HS15_serv_opr	BOBJ1	19	45.63	After	Interior Girder 4	0	0.95	1	1	2.925176
HS15_serv_opr	BOBJ1	19	45.63	After	Interior Girder 5	0	0.95	1	1	3.483344
HS15_serv_opr	BOBJ1	19	45.63	After	Interior Girder 6	0	0.95	1	1	3.584273
HS15_serv_opr	BOBJ1	19	45.63	After	Right Exterior Girder	0	0.95	1	1	4.700123
HS15_serv_opr	BOBJ1	20	50.6298	Before	Left Exterior Girder	4.9998	0.95	1	1	12.0512
HS15_serv_opr	BOBJ1	20	50.6298	Before	Right Exterior Girder	4.9998	0.95	1	1	12.0512
HS15_serv_opr	BOBJ1	21	50.6298	After	Left Exterior Girder	4.9998	0.95	1	1	7.975463
HS15_serv_opr	BOBJ1	21	50.6298	After	Right Exterior Girder	4.9998	0.95	1	1	7.975463
HS15_serv_opr	BOBJ1	22	51.4	Before	Left Exterior Girder	5.77	0.95	1	1	9.381433
HS15_serv_opr	BOBJ1	22	51.4	Before	Interior Girder 1	5.77	0.95	1	1	9.28813
HS15_serv_opr	BOBJ1	22	51.4	Before	Interior Girder 2	5.77	0.95	1	1	8.600461
HS15_serv_opr	BOBJ1	22	51.4	Before	Interior Girder 3	5.77	0.95	1	1	7.965056
HS15_serv_opr	BOBJ1	22	51.4	Before	Interior Girder 4	5.77	0.95	1	1	7.965056
HS15_serv_opr	BOBJ1	22	51.4	Before	Interior Girder 5	5.77	0.95	1	1	8.600461
HS15_serv_opr	BOBJ1	22	51.4	Before	Interior Girder 6	5.77	0.95	1	1	9.28813
HS15_serv_opr	BOBJ1	22	51.4	Before	Right Exterior Girder	5.77	0.95	1	1	9.381433
HS15_serv_opr	BOBJ1	23	51.4	After	Left Exterior Girder	5.77	0.95	1	1	9.203509
HS15_serv_opr	BOBJ1	23	51.4	After	Interior Girder 1	5.77	0.95	1	1	9.443151
HS15_serv_opr	BOBJ1	23	51.4	After	Interior Girder 2	5.77	0.95	1	1	8.566334
HS15_serv_opr	BOBJ1	23	51.4	After	Interior Girder 3	5.77	0.95	1	1	7.867027
HS15_serv_opr	BOBJ1	23	51.4	After	Interior Girder 4	5.77	0.95	1	1	7.867027
HS15_serv_opr	BOBJ1	23	51.4	After	Interior Girder 5	5.77	0.95	1	1	8.566334
HS15_serv_opr	BOBJ1	23	51.4	After	Interior Girder 6	5.77	0.95	1	1	9.443151
HS15_serv_opr	BOBJ1	23	51.4	After	Right Exterior Girder	5.77	0.95	1	1	9.203509
HS15_serv_opr	BOBJ1	24	57.17	Before	Left Exterior Girder	11.54	0.95	1	1	13.447683
HS15_serv_opr	BOBJ1	24	57.17	Before	Interior Girder 1	11.54	0.95	1	1	12.583036
HS15_serv_opr	BOBJ1	24	57.17	Before	Interior Girder 2	11.54	0.95	1	1	11.735098
HS15_serv_opr	BOBJ1	24	57.17	Before	Interior Girder 3	11.54	0.95	1	1	11.373061
HS15_serv_opr	BOBJ1	24	57.17	Before	Interior Girder 4	11.54	0.95	1	1	11.373061
HS15_serv_opr	BOBJ1	24	57.17	Before	Interior Girder 5	11.54	0.95	1	1	11.735098
HS15_serv_opr	BOBJ1	24	57.17	Before	Interior Girder 6	11.54	0.95	1	1	12.583036
HS15_serv_opr	BOBJ1	24	57.17	Before	Right Exterior Girder	11.54	0.95	1	1	13.447683
HS15_serv_opr	BOBJ1	25	57.17	After	Left Exterior Girder	11.54	0.95	1	1	13.334913
HS15_serv_opr	BOBJ1	25	57.17	After	Interior Girder 1	11.54	0.95	1	1	12.668563
HS15_serv_opr	BOBJ1	25	57.17	After	Interior Girder 2	11.54	0.95	1	1	11.899285
HS15_serv_opr	BOBJ1	25	57.17	After	Interior Girder 3	11.54	0.95	1	1	11.524004
HS15_serv_opr	BOBJ1	25	57.17	After	Interior Girder 4	11.54	0.95	1	1	11.524004

TABLE: Bridge Super Rating AASHTORATE18 31 - SteelICompServ-Flx - Approach, Span 16-19										
Request	BridgeObj	BridgeCut	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	Unitless	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
HS15_serv_opr	BOBJ1	25	57.17	After	Interior Girder 5	11.54	0.95	1	1	11.899285
HS15_serv_opr	BOBJ1	25	57.17	After	Interior Girder 6	11.54	0.95	1	1	12.668563
HS15_serv_opr	BOBJ1	25	57.17	After	Right Exterior Girder	11.54	0.95	1	1	13.334913
HS15_serv_opr	BOBJ1	26	63.34	Before	Left Exterior Girder	17.71	0.95	1	1	8.840159
HS15_serv_opr	BOBJ1	26	63.34	Before	Interior Girder 1	17.71	0.95	1	1	6.877906
HS15_serv_opr	BOBJ1	26	63.34	Before	Interior Girder 2	17.71	0.95	1	1	6.442521
HS15_serv_opr	BOBJ1	26	63.34	Before	Interior Girder 3	17.71	0.95	1	1	6.136801
HS15_serv_opr	BOBJ1	26	63.34	Before	Interior Girder 4	17.71	0.95	1	1	6.136801
HS15_serv_opr	BOBJ1	26	63.34	Before	Interior Girder 5	17.71	0.95	1	1	6.442521
HS15_serv_opr	BOBJ1	26	63.34	Before	Interior Girder 6	17.71	0.95	1	1	6.877906
HS15_serv_opr	BOBJ1	26	63.34	Before	Right Exterior Girder	17.71	0.95	1	1	8.840159
HS15_serv_opr	BOBJ1	27	63.34	After	Left Exterior Girder	17.71	0.95	1	1	9.080393
HS15_serv_opr	BOBJ1	27	63.34	After	Interior Girder 1	17.71	0.95	1	1	6.775803
HS15_serv_opr	BOBJ1	27	63.34	After	Interior Girder 2	17.71	0.95	1	1	6.429585
HS15_serv_opr	BOBJ1	27	63.34	After	Interior Girder 3	17.71	0.95	1	1	6.225874
HS15_serv_opr	BOBJ1	27	63.34	After	Interior Girder 4	17.71	0.95	1	1	6.225874
HS15_serv_opr	BOBJ1	27	63.34	After	Interior Girder 5	17.71	0.95	1	1	6.429585
HS15_serv_opr	BOBJ1	27	63.34	After	Interior Girder 6	17.71	0.95	1	1	6.775803
HS15_serv_opr	BOBJ1	27	63.34	After	Right Exterior Girder	17.71	0.95	1	1	9.080393
HS15_serv_opr	BOBJ1	28	69.51	Before	Left Exterior Girder	23.88	0.95	1	1	5.734964
HS15_serv_opr	BOBJ1	28	69.51	Before	Interior Girder 1	23.88	0.95	1	1	4.941651
HS15_serv_opr	BOBJ1	28	69.51	Before	Interior Girder 2	23.88	0.95	1	1	4.75501
HS15_serv_opr	BOBJ1	28	69.51	Before	Interior Girder 3	23.88	0.95	1	1	4.649298
HS15_serv_opr	BOBJ1	28	69.51	Before	Interior Girder 4	23.88	0.95	1	1	4.649298
HS15_serv_opr	BOBJ1	28	69.51	Before	Interior Girder 5	23.88	0.95	1	1	4.75501
HS15_serv_opr	BOBJ1	28	69.51	Before	Interior Girder 6	23.88	0.95	1	1	4.941651
HS15_serv_opr	BOBJ1	28	69.51	Before	Right Exterior Girder	23.88	0.95	1	1	5.734964
HS15_serv_opr	BOBJ1	29	69.51	After	Left Exterior Girder	23.88	0.95	1	1	5.759484
HS15_serv_opr	BOBJ1	29	69.51	After	Interior Girder 1	23.88	0.95	1	1	4.948416
HS15_serv_opr	BOBJ1	29	69.51	After	Interior Girder 2	23.88	0.95	1	1	4.783763
HS15_serv_opr	BOBJ1	29	69.51	After	Interior Girder 3	23.88	0.95	1	1	4.698108
HS15_serv_opr	BOBJ1	29	69.51	After	Interior Girder 4	23.88	0.95	1	1	4.698108
HS15_serv_opr	BOBJ1	29	69.51	After	Interior Girder 5	23.88	0.95	1	1	4.783763
HS15_serv_opr	BOBJ1	29	69.51	After	Interior Girder 6	23.88	0.95	1	1	4.948416
HS15_serv_opr	BOBJ1	29	69.51	After	Right Exterior Girder	23.88	0.95	1	1	5.759484
HS15_serv_opr	BOBJ1	30	75.68	Before	Left Exterior Girder	30.05	0.95	1	1	4.464017
HS15_serv_opr	BOBJ1	30	75.68	Before	Interior Girder 1	30.05	0.95	1	1	4.503377
HS15_serv_opr	BOBJ1	30	75.68	Before	Interior Girder 2	30.05	0.95	1	1	4.386082
HS15_serv_opr	BOBJ1	30	75.68	Before	Interior Girder 3	30.05	0.95	1	1	4.372456
HS15_serv_opr	BOBJ1	30	75.68	Before	Interior Girder 4	30.05	0.95	1	1	4.372456
HS15_serv_opr	BOBJ1	30	75.68	Before	Interior Girder 5	30.05	0.95	1	1	4.386082
HS15_serv_opr	BOBJ1	30	75.68	Before	Interior Girder 6	30.05	0.95	1	1	4.503377
HS15_serv_opr	BOBJ1	30	75.68	Before	Right Exterior Girder	30.05	0.95	1	1	4.464017
HS15_serv_opr	BOBJ1	31	75.68	After	Left Exterior Girder	30.05	0.95	1	1	4.486277
HS15_serv_opr	BOBJ1	31	75.68	After	Interior Girder 1	30.05	0.95	1	1	4.492018
HS15_serv_opr	BOBJ1	31	75.68	After	Interior Girder 2	30.05	0.95	1	1	4.376714
HS15_serv_opr	BOBJ1	31	75.68	After	Interior Girder 3	30.05	0.95	1	1	4.379823
HS15_serv_opr	BOBJ1	31	75.68	After	Interior Girder 4	30.05	0.95	1	1	4.379823
HS15_serv_opr	BOBJ1	31	75.68	After	Interior Girder 5	30.05	0.95	1	1	4.376714
HS15_serv_opr	BOBJ1	31	75.68	After	Interior Girder 6	30.05	0.95	1	1	4.492018
HS15_serv_opr	BOBJ1	31	75.68	After	Right Exterior Girder	30.05	0.95	1	1	4.486277
HS15_serv_opr	BOBJ1	32	81.8467	Before	Left Exterior Girder	36.2167	0.95	1	1	4.657513
HS15_serv_opr	BOBJ1	32	81.8467	Before	Interior Girder 1	36.2167	0.95	1	1	4.217488
HS15_serv_opr	BOBJ1	32	81.8467	Before	Interior Girder 2	36.2167	0.95	1	1	4.125942
HS15_serv_opr	BOBJ1	32	81.8467	Before	Interior Girder 3	36.2167	0.95	1	1	4.065173
HS15_serv_opr	BOBJ1	32	81.8467	Before	Interior Girder 4	36.2167	0.95	1	1	4.065173
HS15_serv_opr	BOBJ1	32	81.8467	Before	Interior Girder 5	36.2167	0.95	1	1	4.125942
HS15_serv_opr	BOBJ1	32	81.8467	Before	Interior Girder 6	36.2167	0.95	1	1	4.217488
HS15_serv_opr	BOBJ1	32	81.8467	Before	Right Exterior Girder	36.2167	0.95	1	1	4.657513
HS15_serv_opr	BOBJ1	33	81.8467	After	Left Exterior Girder	36.2167	0.95	1	1	4.671975
HS15_serv_opr	BOBJ1	33	81.8467	After	Interior Girder 1	36.2167	0.95	1	1	4.190871
HS15_serv_opr	BOBJ1	33	81.8467	After	Interior Girder 2	36.2167	0.95	1	1	4.107162
HS15_serv_opr	BOBJ1	33	81.8467	After	Interior Girder 3	36.2167	0.95	1	1	4.038504
HS15_serv_opr	BOBJ1	33	81.8467	After	Interior Girder 4	36.2167	0.95	1	1	4.038504
HS15_serv_opr	BOBJ1	33	81.8467	After	Interior Girder 5	36.2167	0.95	1	1	4.107162
HS15_serv_opr	BOBJ1	33	81.8467	After	Interior Girder 6	36.2167	0.95	1	1	4.190871
HS15_serv_opr	BOBJ1	33	81.8467	After	Right Exterior Girder	36.2167	0.95	1	1	4.671975
HS15_serv_opr	BOBJ1	34	88.0133	Before	Left Exterior Girder	42.3833	0.95	1	1	5.522554
HS15_serv_opr	BOBJ1	34	88.0133	Before	Interior Girder 1	42.3833	0.95	1	1	4.693653
HS15_serv_opr	BOBJ1	34	88.0133	Before	Interior Girder 2	42.3833	0.95	1	1	4.579285
HS15_serv_opr	BOBJ1	34	88.0133	Before	Interior Girder 3	42.3833	0.95	1	1	4.484303
HS15_serv_opr	BOBJ1	34	88.0133	Before	Interior Girder 4	42.3833	0.95	1	1	4.484303
HS15_serv_opr	BOBJ1	34	88.0133	Before	Interior Girder 5	42.3833	0.95	1	1	4.579285

TABLE: Bridge Super Rating AASHTORATE18 31 - SteelICompServ-Flx - Approach, Span 16-19										
Request	BridgeObj	BridgeCut	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	Unitless	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
HS15_serv_opr	BOBJ1	34	88.0133	Before	Interior Girder 6	42.3833	0.95	1	1	4.693653
HS15_serv_opr	BOBJ1	34	88.0133	Before	Right Exterior Girder	42.3833	0.95	1	1	5.522554
HS15_serv_opr	BOBJ1	35	88.0133	After	Left Exterior Girder	42.3833	0.95	1	1	5.405679
HS15_serv_opr	BOBJ1	35	88.0133	After	Interior Girder 1	42.3833	0.95	1	1	4.744329
HS15_serv_opr	BOBJ1	35	88.0133	After	Interior Girder 2	42.3833	0.95	1	1	4.596693
HS15_serv_opr	BOBJ1	35	88.0133	After	Interior Girder 3	42.3833	0.95	1	1	4.457402
HS15_serv_opr	BOBJ1	35	88.0133	After	Interior Girder 4	42.3833	0.95	1	1	4.457402
HS15_serv_opr	BOBJ1	35	88.0133	After	Interior Girder 5	42.3833	0.95	1	1	4.596693
HS15_serv_opr	BOBJ1	35	88.0133	After	Interior Girder 6	42.3833	0.95	1	1	4.744329
HS15_serv_opr	BOBJ1	35	88.0133	After	Right Exterior Girder	42.3833	0.95	1	1	5.405679
HS15_serv_opr	BOBJ1	36	94.18	Before	Left Exterior Girder	48.55	0.95	1	1	7.324287
HS15_serv_opr	BOBJ1	36	94.18	Before	Interior Girder 1	48.55	0.95	1	1	6.883903
HS15_serv_opr	BOBJ1	36	94.18	Before	Interior Girder 2	48.55	0.95	1	1	6.358157
HS15_serv_opr	BOBJ1	36	94.18	Before	Interior Girder 3	48.55	0.95	1	1	6.268531
HS15_serv_opr	BOBJ1	36	94.18	Before	Interior Girder 4	48.55	0.95	1	1	6.268531
HS15_serv_opr	BOBJ1	36	94.18	Before	Interior Girder 5	48.55	0.95	1	1	6.358157
HS15_serv_opr	BOBJ1	36	94.18	Before	Interior Girder 6	48.55	0.95	1	1	6.883903
HS15_serv_opr	BOBJ1	36	94.18	Before	Right Exterior Girder	48.55	0.95	1	1	7.324287
HS15_serv_opr	BOBJ1	37	94.18	After	Left Exterior Girder	48.55	0.95	1	1	7.185773
HS15_serv_opr	BOBJ1	37	94.18	After	Interior Girder 1	48.55	0.95	1	1	6.947699
HS15_serv_opr	BOBJ1	37	94.18	After	Interior Girder 2	48.55	0.95	1	1	6.386931
HS15_serv_opr	BOBJ1	37	94.18	After	Interior Girder 3	48.55	0.95	1	1	6.218399
HS15_serv_opr	BOBJ1	37	94.18	After	Interior Girder 4	48.55	0.95	1	1	6.218399
HS15_serv_opr	BOBJ1	37	94.18	After	Interior Girder 5	48.55	0.95	1	1	6.386931
HS15_serv_opr	BOBJ1	37	94.18	After	Interior Girder 6	48.55	0.95	1	1	6.947699
HS15_serv_opr	BOBJ1	37	94.18	After	Right Exterior Girder	48.55	0.95	1	1	7.185773
HS15_serv_opr	BOBJ1	38	100.3567	Before	Left Exterior Girder	54.7267	0.95	1	1	11.134575
HS15_serv_opr	BOBJ1	38	100.3567	Before	Interior Girder 1	54.7267	0.95	1	1	10.88442
HS15_serv_opr	BOBJ1	38	100.3567	Before	Interior Girder 2	54.7267	0.95	1	1	9.851359
HS15_serv_opr	BOBJ1	38	100.3567	Before	Interior Girder 3	54.7267	0.95	1	1	9.594891
HS15_serv_opr	BOBJ1	38	100.3567	Before	Interior Girder 4	54.7267	0.95	1	1	9.594891
HS15_serv_opr	BOBJ1	38	100.3567	Before	Interior Girder 5	54.7267	0.95	1	1	9.851359
HS15_serv_opr	BOBJ1	38	100.3567	Before	Interior Girder 6	54.7267	0.95	1	1	10.88442
HS15_serv_opr	BOBJ1	38	100.3567	Before	Right Exterior Girder	54.7267	0.95	1	1	11.134575
HS15_serv_opr	BOBJ1	39	100.3567	After	Left Exterior Girder	54.7267	0.95	1	1	11.265006
HS15_serv_opr	BOBJ1	39	100.3567	After	Interior Girder 1	54.7267	0.95	1	1	10.859918
HS15_serv_opr	BOBJ1	39	100.3567	After	Interior Girder 2	54.7267	0.95	1	1	9.825241
HS15_serv_opr	BOBJ1	39	100.3567	After	Interior Girder 3	54.7267	0.95	1	1	9.316594
HS15_serv_opr	BOBJ1	39	100.3567	After	Interior Girder 4	54.7267	0.95	1	1	9.316594
HS15_serv_opr	BOBJ1	39	100.3567	After	Interior Girder 5	54.7267	0.95	1	1	9.825241
HS15_serv_opr	BOBJ1	39	100.3567	After	Interior Girder 6	54.7267	0.95	1	1	10.859918
HS15_serv_opr	BOBJ1	39	100.3567	After	Right Exterior Girder	54.7267	0.95	1	1	11.265006
HS15_serv_opr	BOBJ1	40	106.5333	Before	Left Exterior Girder	60.9033	0.95	1	1	7.725143
HS15_serv_opr	BOBJ1	40	106.5333	Before	Interior Girder 1	60.9033	0.95	1	1	7.992808
HS15_serv_opr	BOBJ1	40	106.5333	Before	Interior Girder 2	60.9033	0.95	1	1	7.491298
HS15_serv_opr	BOBJ1	40	106.5333	Before	Interior Girder 3	60.9033	0.95	1	1	7.086964
HS15_serv_opr	BOBJ1	40	106.5333	Before	Interior Girder 4	60.9033	0.95	1	1	7.086964
HS15_serv_opr	BOBJ1	40	106.5333	Before	Interior Girder 5	60.9033	0.95	1	1	7.491298
HS15_serv_opr	BOBJ1	40	106.5333	Before	Interior Girder 6	60.9033	0.95	1	1	7.992808
HS15_serv_opr	BOBJ1	40	106.5333	Before	Right Exterior Girder	60.9033	0.95	1	1	7.725143
HS15_serv_opr	BOBJ1	41	106.5333	After	Left Exterior Girder	60.9033	0.95	1	1	7.893388
HS15_serv_opr	BOBJ1	41	106.5333	After	Interior Girder 1	60.9033	0.95	1	1	7.808287
HS15_serv_opr	BOBJ1	41	106.5333	After	Interior Girder 2	60.9033	0.95	1	1	7.344285
HS15_serv_opr	BOBJ1	41	106.5333	After	Interior Girder 3	60.9033	0.95	1	1	6.941078
HS15_serv_opr	BOBJ1	41	106.5333	After	Interior Girder 4	60.9033	0.95	1	1	6.941078
HS15_serv_opr	BOBJ1	41	106.5333	After	Interior Girder 5	60.9033	0.95	1	1	7.344285
HS15_serv_opr	BOBJ1	41	106.5333	After	Interior Girder 6	60.9033	0.95	1	1	7.808287
HS15_serv_opr	BOBJ1	41	106.5333	After	Right Exterior Girder	60.9033	0.95	1	1	7.893388
HS15_serv_opr	BOBJ1	42	108.2102	Before	Left Exterior Girder	62.5802	0.95	1	1	6.844876
HS15_serv_opr	BOBJ1	42	108.2102	Before	Right Exterior Girder	62.5802	0.95	1	1	6.844876
HS15_serv_opr	BOBJ1	43	108.2102	After	Left Exterior Girder	62.5802	0.95	1	1	10.026024
HS15_serv_opr	BOBJ1	43	108.2102	After	Right Exterior Girder	62.5802	0.95	1	1	10.026024
HS15_serv_opr	BOBJ1	44	112.71	Before	Left Exterior Girder	67.08	0.95	1	1	5.133244
HS15_serv_opr	BOBJ1	44	112.71	Before	Interior Girder 1	67.08	0.95	1	1	3.606086
HS15_serv_opr	BOBJ1	44	112.71	Before	Interior Girder 2	67.08	0.95	1	1	3.505871
HS15_serv_opr	BOBJ1	44	112.71	Before	Interior Girder 3	67.08	0.95	1	1	2.98511
HS15_serv_opr	BOBJ1	44	112.71	Before	Interior Girder 4	67.08	0.95	1	1	2.98511
HS15_serv_opr	BOBJ1	44	112.71	Before	Interior Girder 5	67.08	0.95	1	1	3.505871
HS15_serv_opr	BOBJ1	44	112.71	Before	Interior Girder 6	67.08	0.95	1	1	3.606086
HS15_serv_opr	BOBJ1	44	112.71	Before	Right Exterior Girder	67.08	0.95	1	1	5.133244
HS15_serv_opr	BOBJ1	45	112.71	After	Left Exterior Girder	0	0.95	1	1	5.175545
HS15_serv_opr	BOBJ1	45	112.71	After	Interior Girder 1	0	0.95	1	1	3.937729
HS15_serv_opr	BOBJ1	45	112.71	After	Interior Girder 2	0	0.95	1	1	3.753016

TABLE: Bridge Super Rating AASHTORATE18 31 - SteelICompServ-Flx - Approach, Span 16-19										
Request	BridgeObj	BridgeCut	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	Unitless	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
HS15_serv_opr	BOBJ1	45	112.71	After	Interior Girder 3	0	0.95	1	1	3.162054
HS15_serv_opr	BOBJ1	45	112.71	After	Interior Girder 4	0	0.95	1	1	3.162054
HS15_serv_opr	BOBJ1	45	112.71	After	Interior Girder 5	0	0.95	1	1	3.753016
HS15_serv_opr	BOBJ1	45	112.71	After	Interior Girder 6	0	0.95	1	1	3.937729
HS15_serv_opr	BOBJ1	45	112.71	After	Right Exterior Girder	0	0.95	1	1	5.175545
HS15_serv_opr	BOBJ1	46	117.21	Before	Left Exterior Girder	4.5	0.95	1	1	6.912306
HS15_serv_opr	BOBJ1	46	117.21	Before	Right Exterior Girder	4.5	0.95	1	1	6.912306
HS15_serv_opr	BOBJ1	47	117.21	After	Left Exterior Girder	4.5	0.95	1	1	4.707603
HS15_serv_opr	BOBJ1	47	117.21	After	Right Exterior Girder	4.5	0.95	1	1	4.707603
HS15_serv_opr	BOBJ1	48	119.1	Before	Left Exterior Girder	6.39	0.95	1	1	5.468849
HS15_serv_opr	BOBJ1	48	119.1	Before	Interior Girder 1	6.39	0.95	1	1	5.790811
HS15_serv_opr	BOBJ1	48	119.1	Before	Interior Girder 2	6.39	0.95	1	1	5.674802
HS15_serv_opr	BOBJ1	48	119.1	Before	Interior Girder 3	6.39	0.95	1	1	5.497538
HS15_serv_opr	BOBJ1	48	119.1	Before	Interior Girder 4	6.39	0.95	1	1	5.497538
HS15_serv_opr	BOBJ1	48	119.1	Before	Interior Girder 5	6.39	0.95	1	1	5.674802
HS15_serv_opr	BOBJ1	48	119.1	Before	Interior Girder 6	6.39	0.95	1	1	5.790811
HS15_serv_opr	BOBJ1	48	119.1	Before	Right Exterior Girder	6.39	0.95	1	1	5.468849
HS15_serv_opr	BOBJ1	49	119.1	After	Left Exterior Girder	6.39	0.95	1	1	5.382034
HS15_serv_opr	BOBJ1	49	119.1	After	Interior Girder 1	6.39	0.95	1	1	5.886605
HS15_serv_opr	BOBJ1	49	119.1	After	Interior Girder 2	6.39	0.95	1	1	5.765284
HS15_serv_opr	BOBJ1	49	119.1	After	Interior Girder 3	6.39	0.95	1	1	5.543178
HS15_serv_opr	BOBJ1	49	119.1	After	Interior Girder 4	6.39	0.95	1	1	5.543178
HS15_serv_opr	BOBJ1	49	119.1	After	Interior Girder 5	6.39	0.95	1	1	5.765284
HS15_serv_opr	BOBJ1	49	119.1	After	Interior Girder 6	6.39	0.95	1	1	5.886605
HS15_serv_opr	BOBJ1	49	119.1	After	Right Exterior Girder	6.39	0.95	1	1	5.382034
HS15_serv_opr	BOBJ1	50	125.49	Before	Left Exterior Girder	12.78	0.95	1	1	7.959594
HS15_serv_opr	BOBJ1	50	125.49	Before	Interior Girder 1	12.78	0.95	1	1	7.874014
HS15_serv_opr	BOBJ1	50	125.49	Before	Interior Girder 2	12.78	0.95	1	1	7.909652
HS15_serv_opr	BOBJ1	50	125.49	Before	Interior Girder 3	12.78	0.95	1	1	8.000709
HS15_serv_opr	BOBJ1	50	125.49	Before	Interior Girder 4	12.78	0.95	1	1	8.000709
HS15_serv_opr	BOBJ1	50	125.49	Before	Interior Girder 5	12.78	0.95	1	1	7.909652
HS15_serv_opr	BOBJ1	50	125.49	Before	Interior Girder 6	12.78	0.95	1	1	7.874014
HS15_serv_opr	BOBJ1	50	125.49	Before	Right Exterior Girder	12.78	0.95	1	1	7.959594
HS15_serv_opr	BOBJ1	51	125.49	After	Left Exterior Girder	12.78	0.95	1	1	7.875369
HS15_serv_opr	BOBJ1	51	125.49	After	Interior Girder 1	12.78	0.95	1	1	7.964788
HS15_serv_opr	BOBJ1	51	125.49	After	Interior Girder 2	12.78	0.95	1	1	7.966895
HS15_serv_opr	BOBJ1	51	125.49	After	Interior Girder 3	12.78	0.95	1	1	8.021519
HS15_serv_opr	BOBJ1	51	125.49	After	Interior Girder 4	12.78	0.95	1	1	8.021519
HS15_serv_opr	BOBJ1	51	125.49	After	Interior Girder 5	12.78	0.95	1	1	7.966895
HS15_serv_opr	BOBJ1	51	125.49	After	Interior Girder 6	12.78	0.95	1	1	7.964788
HS15_serv_opr	BOBJ1	51	125.49	After	Right Exterior Girder	12.78	0.95	1	1	7.875369
HS15_serv_opr	BOBJ1	52	131.88	Before	Left Exterior Girder	19.17	0.95	1	1	7.743609
HS15_serv_opr	BOBJ1	52	131.88	Before	Interior Girder 1	19.17	0.95	1	1	7.47593
HS15_serv_opr	BOBJ1	52	131.88	Before	Interior Girder 2	19.17	0.95	1	1	6.806077
HS15_serv_opr	BOBJ1	52	131.88	Before	Interior Girder 3	19.17	0.95	1	1	6.558333
HS15_serv_opr	BOBJ1	52	131.88	Before	Interior Girder 4	19.17	0.95	1	1	6.558333
HS15_serv_opr	BOBJ1	52	131.88	Before	Interior Girder 5	19.17	0.95	1	1	6.806077
HS15_serv_opr	BOBJ1	52	131.88	Before	Interior Girder 6	19.17	0.95	1	1	7.47593
HS15_serv_opr	BOBJ1	52	131.88	Before	Right Exterior Girder	19.17	0.95	1	1	7.743609
HS15_serv_opr	BOBJ1	53	131.88	After	Left Exterior Girder	19.17	0.95	1	1	7.803511
HS15_serv_opr	BOBJ1	53	131.88	After	Interior Girder 1	19.17	0.95	1	1	7.448266
HS15_serv_opr	BOBJ1	53	131.88	After	Interior Girder 2	19.17	0.95	1	1	6.787171
HS15_serv_opr	BOBJ1	53	131.88	After	Interior Girder 3	19.17	0.95	1	1	6.597591
HS15_serv_opr	BOBJ1	53	131.88	After	Interior Girder 4	19.17	0.95	1	1	6.597591
HS15_serv_opr	BOBJ1	53	131.88	After	Interior Girder 5	19.17	0.95	1	1	6.787171
HS15_serv_opr	BOBJ1	53	131.88	After	Interior Girder 6	19.17	0.95	1	1	7.448266
HS15_serv_opr	BOBJ1	53	131.88	After	Right Exterior Girder	19.17	0.95	1	1	7.803511
HS15_serv_opr	BOBJ1	54	138.27	Before	Left Exterior Girder	25.56	0.95	1	1	6.959912
HS15_serv_opr	BOBJ1	54	138.27	Before	Interior Girder 1	25.56	0.95	1	1	5.836013
HS15_serv_opr	BOBJ1	54	138.27	Before	Interior Girder 2	25.56	0.95	1	1	5.509054
HS15_serv_opr	BOBJ1	54	138.27	Before	Interior Girder 3	25.56	0.95	1	1	5.245391
HS15_serv_opr	BOBJ1	54	138.27	Before	Interior Girder 4	25.56	0.95	1	1	5.245391
HS15_serv_opr	BOBJ1	54	138.27	Before	Interior Girder 5	25.56	0.95	1	1	5.509054
HS15_serv_opr	BOBJ1	54	138.27	Before	Interior Girder 6	25.56	0.95	1	1	5.836013
HS15_serv_opr	BOBJ1	54	138.27	Before	Right Exterior Girder	25.56	0.95	1	1	6.959912
HS15_serv_opr	BOBJ1	55	138.27	After	Left Exterior Girder	25.56	0.95	1	1	7.037521
HS15_serv_opr	BOBJ1	55	138.27	After	Interior Girder 1	25.56	0.95	1	1	5.802366
HS15_serv_opr	BOBJ1	55	138.27	After	Interior Girder 2	25.56	0.95	1	1	5.498544
HS15_serv_opr	BOBJ1	55	138.27	After	Interior Girder 3	25.56	0.95	1	1	5.263736
HS15_serv_opr	BOBJ1	55	138.27	After	Interior Girder 4	25.56	0.95	1	1	5.263736
HS15_serv_opr	BOBJ1	55	138.27	After	Interior Girder 5	25.56	0.95	1	1	5.498544
HS15_serv_opr	BOBJ1	55	138.27	After	Interior Girder 6	25.56	0.95	1	1	5.802366
HS15_serv_opr	BOBJ1	55	138.27	After	Right Exterior Girder	25.56	0.95	1	1	7.037521

TABLE: Bridge Super Rating AASHTORATE18 31 - SteelICompServ-Flx - Approach, Span 16-19										
Request	BridgeObj	BridgeCut	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	Unitless	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
HS15_serv_opr	BOBJ1	56	144.66	Before	Left Exterior Girder	31.95	0.95	1	1	7.181257
HS15_serv_opr	BOBJ1	56	144.66	Before	Interior Girder 1	31.95	0.95	1	1	5.861533
HS15_serv_opr	BOBJ1	56	144.66	Before	Interior Girder 2	31.95	0.95	1	1	5.557555
HS15_serv_opr	BOBJ1	56	144.66	Before	Interior Girder 3	31.95	0.95	1	1	5.320966
HS15_serv_opr	BOBJ1	56	144.66	Before	Interior Girder 4	31.95	0.95	1	1	5.320966
HS15_serv_opr	BOBJ1	56	144.66	Before	Interior Girder 5	31.95	0.95	1	1	5.557555
HS15_serv_opr	BOBJ1	56	144.66	Before	Interior Girder 6	31.95	0.95	1	1	5.861533
HS15_serv_opr	BOBJ1	56	144.66	Before	Right Exterior Girder	31.95	0.95	1	1	7.181257
HS15_serv_opr	BOBJ1	57	144.66	After	Left Exterior Girder	31.95	0.95	1	1	7.082803
HS15_serv_opr	BOBJ1	57	144.66	After	Interior Girder 1	31.95	0.95	1	1	5.907153
HS15_serv_opr	BOBJ1	57	144.66	After	Interior Girder 2	31.95	0.95	1	1	5.566232
HS15_serv_opr	BOBJ1	57	144.66	After	Interior Girder 3	31.95	0.95	1	1	5.293459
HS15_serv_opr	BOBJ1	57	144.66	After	Interior Girder 4	31.95	0.95	1	1	5.293459
HS15_serv_opr	BOBJ1	57	144.66	After	Interior Girder 5	31.95	0.95	1	1	5.566232
HS15_serv_opr	BOBJ1	57	144.66	After	Interior Girder 6	31.95	0.95	1	1	5.907153
HS15_serv_opr	BOBJ1	57	144.66	After	Right Exterior Girder	31.95	0.95	1	1	7.082803
HS15_serv_opr	BOBJ1	58	151.05	Before	Left Exterior Girder	38.34	0.95	1	1	8.310407
HS15_serv_opr	BOBJ1	58	151.05	Before	Interior Girder 1	38.34	0.95	1	1	7.696998
HS15_serv_opr	BOBJ1	58	151.05	Before	Interior Girder 2	38.34	0.95	1	1	6.986919
HS15_serv_opr	BOBJ1	58	151.05	Before	Interior Girder 3	38.34	0.95	1	1	6.779195
HS15_serv_opr	BOBJ1	58	151.05	Before	Interior Girder 4	38.34	0.95	1	1	6.779195
HS15_serv_opr	BOBJ1	58	151.05	Before	Interior Girder 5	38.34	0.95	1	1	6.986919
HS15_serv_opr	BOBJ1	58	151.05	Before	Interior Girder 6	38.34	0.95	1	1	7.696998
HS15_serv_opr	BOBJ1	58	151.05	Before	Right Exterior Girder	38.34	0.95	1	1	8.310407
HS15_serv_opr	BOBJ1	59	151.05	After	Left Exterior Girder	38.34	0.95	1	1	8.224367
HS15_serv_opr	BOBJ1	59	151.05	After	Interior Girder 1	38.34	0.95	1	1	7.744856
HS15_serv_opr	BOBJ1	59	151.05	After	Interior Girder 2	38.34	0.95	1	1	7.005898
HS15_serv_opr	BOBJ1	59	151.05	After	Interior Girder 3	38.34	0.95	1	1	6.72829
HS15_serv_opr	BOBJ1	59	151.05	After	Interior Girder 4	38.34	0.95	1	1	6.72829
HS15_serv_opr	BOBJ1	59	151.05	After	Interior Girder 5	38.34	0.95	1	1	7.005898
HS15_serv_opr	BOBJ1	59	151.05	After	Interior Girder 6	38.34	0.95	1	1	7.744856
HS15_serv_opr	BOBJ1	59	151.05	After	Right Exterior Girder	38.34	0.95	1	1	8.224367
HS15_serv_opr	BOBJ1	60	157.4367	Before	Left Exterior Girder	44.7267	0.95	1	1	8.085355
HS15_serv_opr	BOBJ1	60	157.4367	Before	Interior Girder 1	44.7267	0.95	1	1	8.466596
HS15_serv_opr	BOBJ1	60	157.4367	Before	Interior Girder 2	44.7267	0.95	1	1	8.252706
HS15_serv_opr	BOBJ1	60	157.4367	Before	Interior Girder 3	44.7267	0.95	1	1	8.286662
HS15_serv_opr	BOBJ1	60	157.4367	Before	Interior Girder 4	44.7267	0.95	1	1	8.286662
HS15_serv_opr	BOBJ1	60	157.4367	Before	Interior Girder 5	44.7267	0.95	1	1	8.252706
HS15_serv_opr	BOBJ1	60	157.4367	Before	Interior Girder 6	44.7267	0.95	1	1	8.466596
HS15_serv_opr	BOBJ1	60	157.4367	Before	Right Exterior Girder	44.7267	0.95	1	1	8.085355
HS15_serv_opr	BOBJ1	61	157.4367	After	Left Exterior Girder	44.7267	0.95	1	1	8.154875
HS15_serv_opr	BOBJ1	61	157.4367	After	Interior Girder 1	44.7267	0.95	1	1	8.399684
HS15_serv_opr	BOBJ1	61	157.4367	After	Interior Girder 2	44.7267	0.95	1	1	8.214473
HS15_serv_opr	BOBJ1	61	157.4367	After	Interior Girder 3	44.7267	0.95	1	1	8.273718
HS15_serv_opr	BOBJ1	61	157.4367	After	Interior Girder 4	44.7267	0.95	1	1	8.273718
HS15_serv_opr	BOBJ1	61	157.4367	After	Interior Girder 5	44.7267	0.95	1	1	8.214473
HS15_serv_opr	BOBJ1	61	157.4367	After	Interior Girder 6	44.7267	0.95	1	1	8.399684
HS15_serv_opr	BOBJ1	61	157.4367	After	Right Exterior Girder	44.7267	0.95	1	1	8.154875
HS15_serv_opr	BOBJ1	62	158.71	Before	Left Exterior Girder	46	0.95	1	1	7.55367
HS15_serv_opr	BOBJ1	62	158.71	Before	Interior Girder 1	46	0.95	1	1	7.979112
HS15_serv_opr	BOBJ1	62	158.71	Before	Interior Girder 2	46	0.95	1	1	7.716919
HS15_serv_opr	BOBJ1	62	158.71	Before	Interior Girder 3	46	0.95	1	1	7.676665
HS15_serv_opr	BOBJ1	62	158.71	Before	Interior Girder 4	46	0.95	1	1	7.676665
HS15_serv_opr	BOBJ1	62	158.71	Before	Interior Girder 5	46	0.95	1	1	7.716919
HS15_serv_opr	BOBJ1	62	158.71	Before	Interior Girder 6	46	0.95	1	1	7.979112
HS15_serv_opr	BOBJ1	62	158.71	Before	Right Exterior Girder	46	0.95	1	1	7.55367
HS15_serv_opr	BOBJ1	63	158.71	After	Left Exterior Girder	46	0.95	1	1	10.297645
HS15_serv_opr	BOBJ1	63	158.71	After	Interior Girder 1	46	0.95	1	1	9.98507
HS15_serv_opr	BOBJ1	63	158.71	After	Interior Girder 2	46	0.95	1	1	9.620427
HS15_serv_opr	BOBJ1	63	158.71	After	Interior Girder 3	46	0.95	1	1	9.622047
HS15_serv_opr	BOBJ1	63	158.71	After	Interior Girder 4	46	0.95	1	1	9.622047
HS15_serv_opr	BOBJ1	63	158.71	After	Interior Girder 5	46	0.95	1	1	9.620427
HS15_serv_opr	BOBJ1	63	158.71	After	Interior Girder 6	46	0.95	1	1	9.98507
HS15_serv_opr	BOBJ1	63	158.71	After	Right Exterior Girder	46	0.95	1	1	10.297645
HS15_serv_opr	BOBJ1	64	163.8233	Before	Left Exterior Girder	51.1133	0.95	1	1	7.812609
HS15_serv_opr	BOBJ1	64	163.8233	Before	Interior Girder 1	51.1133	0.95	1	1	8.04563
HS15_serv_opr	BOBJ1	64	163.8233	Before	Interior Girder 2	51.1133	0.95	1	1	7.617781
HS15_serv_opr	BOBJ1	64	163.8233	Before	Interior Girder 3	51.1133	0.95	1	1	7.222305
HS15_serv_opr	BOBJ1	64	163.8233	Before	Interior Girder 4	51.1133	0.95	1	1	7.222305
HS15_serv_opr	BOBJ1	64	163.8233	Before	Interior Girder 5	51.1133	0.95	1	1	7.617781
HS15_serv_opr	BOBJ1	64	163.8233	Before	Interior Girder 6	51.1133	0.95	1	1	8.04563
HS15_serv_opr	BOBJ1	64	163.8233	Before	Right Exterior Girder	51.1133	0.95	1	1	7.812609
HS15_serv_opr	BOBJ1	65	163.8233	After	Left Exterior Girder	51.1133	0.95	1	1	7.933492

TABLE: Bridge Super Rating AASHTORATE18 31 - SteelICompServ-Flx - Approach, Span 16-19										
Request	BridgeObj	BridgeCut	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	Unitless	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
HS15_serv_opr	BOBJ1	65	163.8233	After	Interior Girder 1	51.1133	0.95	1	1	7.859333
HS15_serv_opr	BOBJ1	65	163.8233	After	Interior Girder 2	51.1133	0.95	1	1	7.469953
HS15_serv_opr	BOBJ1	65	163.8233	After	Interior Girder 3	51.1133	0.95	1	1	7.084989
HS15_serv_opr	BOBJ1	65	163.8233	After	Interior Girder 4	51.1133	0.95	1	1	7.084989
HS15_serv_opr	BOBJ1	65	163.8233	After	Interior Girder 5	51.1133	0.95	1	1	7.469953
HS15_serv_opr	BOBJ1	65	163.8233	After	Interior Girder 6	51.1133	0.95	1	1	7.859333
HS15_serv_opr	BOBJ1	65	163.8233	After	Right Exterior Girder	51.1133	0.95	1	1	7.933492
HS15_serv_opr	BOBJ1	66	164.71	Before	Left Exterior Girder	52	0.95	1	1	7.514435
HS15_serv_opr	BOBJ1	66	164.71	Before	Right Exterior Girder	52	0.95	1	1	7.514435
HS15_serv_opr	BOBJ1	67	164.71	After	Left Exterior Girder	52	0.95	1	1	11.33022
HS15_serv_opr	BOBJ1	67	164.71	After	Right Exterior Girder	52	0.95	1	1	11.33022
HS15_serv_opr	BOBJ1	68	170.21	Before	Left Exterior Girder	57.5	0.95	1	1	8.586796
HS15_serv_opr	BOBJ1	68	170.21	Before	Interior Girder 1	57.5	0.95	1	1	5.279211
HS15_serv_opr	BOBJ1	68	170.21	Before	Interior Girder 2	57.5	0.95	1	1	4.918314
HS15_serv_opr	BOBJ1	68	170.21	Before	Interior Girder 3	57.5	0.95	1	1	4.060512
HS15_serv_opr	BOBJ1	68	170.21	Before	Interior Girder 4	57.5	0.95	1	1	4.060512
HS15_serv_opr	BOBJ1	68	170.21	Before	Interior Girder 5	57.5	0.95	1	1	4.918314
HS15_serv_opr	BOBJ1	68	170.21	Before	Interior Girder 6	57.5	0.95	1	1	5.279211
HS15_serv_opr	BOBJ1	68	170.21	Before	Right Exterior Girder	57.5	0.95	1	1	8.586796
HS15_serv_opr	BOBJ1	69	170.21	After	Left Exterior Girder	0	0.95	1	1	8.635428
HS15_serv_opr	BOBJ1	69	170.21	After	Interior Girder 1	0	0.95	1	1	5.131276
HS15_serv_opr	BOBJ1	69	170.21	After	Interior Girder 2	0	0.95	1	1	4.821
HS15_serv_opr	BOBJ1	69	170.21	After	Interior Girder 3	0	0.95	1	1	4.038976
HS15_serv_opr	BOBJ1	69	170.21	After	Interior Girder 4	0	0.95	1	1	4.038976
HS15_serv_opr	BOBJ1	69	170.21	After	Interior Girder 5	0	0.95	1	1	4.821
HS15_serv_opr	BOBJ1	69	170.21	After	Interior Girder 6	0	0.95	1	1	5.131276
HS15_serv_opr	BOBJ1	69	170.21	After	Right Exterior Girder	0	0.95	1	1	8.635428
HS15_serv_opr	BOBJ1	70	176.21	Before	Left Exterior Girder	6	0.95	1	1	13.234172
HS15_serv_opr	BOBJ1	70	176.21	Before	Right Exterior Girder	6	0.95	1	1	13.234172
HS15_serv_opr	BOBJ1	71	176.21	After	Left Exterior Girder	6	0.95	1	1	8.91439
HS15_serv_opr	BOBJ1	71	176.21	After	Right Exterior Girder	6	0.95	1	1	8.91439
HS15_serv_opr	BOBJ1	72	176.6	Before	Left Exterior Girder	6.39	0.95	1	1	9.12983
HS15_serv_opr	BOBJ1	72	176.6	Before	Interior Girder 1	6.39	0.95	1	1	8.726278
HS15_serv_opr	BOBJ1	72	176.6	Before	Interior Girder 2	6.39	0.95	1	1	8.163619
HS15_serv_opr	BOBJ1	72	176.6	Before	Interior Girder 3	6.39	0.95	1	1	7.748177
HS15_serv_opr	BOBJ1	72	176.6	Before	Interior Girder 4	6.39	0.95	1	1	7.748177
HS15_serv_opr	BOBJ1	72	176.6	Before	Interior Girder 5	6.39	0.95	1	1	8.163619
HS15_serv_opr	BOBJ1	72	176.6	Before	Interior Girder 6	6.39	0.95	1	1	8.726278
HS15_serv_opr	BOBJ1	72	176.6	Before	Right Exterior Girder	6.39	0.95	1	1	9.12983
HS15_serv_opr	BOBJ1	73	176.6	After	Left Exterior Girder	6.39	0.95	1	1	8.93581
HS15_serv_opr	BOBJ1	73	176.6	After	Interior Girder 1	6.39	0.95	1	1	8.941254
HS15_serv_opr	BOBJ1	73	176.6	After	Interior Girder 2	6.39	0.95	1	1	8.341974
HS15_serv_opr	BOBJ1	73	176.6	After	Interior Girder 3	6.39	0.95	1	1	7.906528
HS15_serv_opr	BOBJ1	73	176.6	After	Interior Girder 4	6.39	0.95	1	1	7.906528
HS15_serv_opr	BOBJ1	73	176.6	After	Interior Girder 5	6.39	0.95	1	1	8.341974
HS15_serv_opr	BOBJ1	73	176.6	After	Interior Girder 6	6.39	0.95	1	1	8.941254
HS15_serv_opr	BOBJ1	73	176.6	After	Right Exterior Girder	6.39	0.95	1	1	8.93581
HS15_serv_opr	BOBJ1	74	182.99	Before	Left Exterior Girder	12.78	0.95	1	1	12.365235
HS15_serv_opr	BOBJ1	74	182.99	Before	Interior Girder 1	12.78	0.95	1	1	11.19166
HS15_serv_opr	BOBJ1	74	182.99	Before	Interior Girder 2	12.78	0.95	1	1	10.184924
HS15_serv_opr	BOBJ1	74	182.99	Before	Interior Girder 3	12.78	0.95	1	1	9.869803
HS15_serv_opr	BOBJ1	74	182.99	Before	Interior Girder 4	12.78	0.95	1	1	9.869803
HS15_serv_opr	BOBJ1	74	182.99	Before	Interior Girder 5	12.78	0.95	1	1	10.184924
HS15_serv_opr	BOBJ1	74	182.99	Before	Interior Girder 6	12.78	0.95	1	1	11.19166
HS15_serv_opr	BOBJ1	74	182.99	Before	Right Exterior Girder	12.78	0.95	1	1	12.365235
HS15_serv_opr	BOBJ1	75	182.99	After	Left Exterior Girder	12.78	0.95	1	1	12.271826
HS15_serv_opr	BOBJ1	75	182.99	After	Interior Girder 1	12.78	0.95	1	1	11.243178
HS15_serv_opr	BOBJ1	75	182.99	After	Interior Girder 2	12.78	0.95	1	1	10.256838
HS15_serv_opr	BOBJ1	75	182.99	After	Interior Girder 3	12.78	0.95	1	1	10.196609
HS15_serv_opr	BOBJ1	75	182.99	After	Interior Girder 4	12.78	0.95	1	1	10.196609
HS15_serv_opr	BOBJ1	75	182.99	After	Interior Girder 5	12.78	0.95	1	1	10.256838
HS15_serv_opr	BOBJ1	75	182.99	After	Interior Girder 6	12.78	0.95	1	1	11.243178
HS15_serv_opr	BOBJ1	75	182.99	After	Right Exterior Girder	12.78	0.95	1	1	12.271826
HS15_serv_opr	BOBJ1	76	189.38	Before	Left Exterior Girder	19.17	0.95	1	1	8.012604
HS15_serv_opr	BOBJ1	76	189.38	Before	Interior Girder 1	19.17	0.95	1	1	7.367654
HS15_serv_opr	BOBJ1	76	189.38	Before	Interior Girder 2	19.17	0.95	1	1	6.751737
HS15_serv_opr	BOBJ1	76	189.38	Before	Interior Girder 3	19.17	0.95	1	1	6.578562
HS15_serv_opr	BOBJ1	76	189.38	Before	Interior Girder 4	19.17	0.95	1	1	6.578562
HS15_serv_opr	BOBJ1	76	189.38	Before	Interior Girder 5	19.17	0.95	1	1	6.751737
HS15_serv_opr	BOBJ1	76	189.38	Before	Interior Girder 6	19.17	0.95	1	1	7.367654
HS15_serv_opr	BOBJ1	76	189.38	Before	Right Exterior Girder	19.17	0.95	1	1	8.012604
HS15_serv_opr	BOBJ1	77	189.38	After	Left Exterior Girder	19.17	0.95	1	1	8.123274
HS15_serv_opr	BOBJ1	77	189.38	After	Interior Girder 1	19.17	0.95	1	1	7.306872

TABLE: Bridge Super Rating AASHTORATE18 31 - SteelCompServ-Flx - Approach, Span 16-19										
Request	BridgeObj	BridgeCut	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	Unitless	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
HS15_serv_opr	BOBJ1	77	189.38	After	Interior Girder 2	19.17	0.95	1	1	6.734098
HS15_serv_opr	BOBJ1	77	189.38	After	Interior Girder 3	19.17	0.95	1	1	6.633838
HS15_serv_opr	BOBJ1	77	189.38	After	Interior Girder 4	19.17	0.95	1	1	6.633838
HS15_serv_opr	BOBJ1	77	189.38	After	Interior Girder 5	19.17	0.95	1	1	6.734098
HS15_serv_opr	BOBJ1	77	189.38	After	Interior Girder 6	19.17	0.95	1	1	7.306872
HS15_serv_opr	BOBJ1	77	189.38	After	Right Exterior Girder	19.17	0.95	1	1	8.123274
HS15_serv_opr	BOBJ1	78	195.77	Before	Left Exterior Girder	25.56	0.95	1	1	6.237966
HS15_serv_opr	BOBJ1	78	195.77	Before	Interior Girder 1	25.56	0.95	1	1	5.163566
HS15_serv_opr	BOBJ1	78	195.77	Before	Interior Girder 2	25.56	0.95	1	1	4.947431
HS15_serv_opr	BOBJ1	78	195.77	Before	Interior Girder 3	25.56	0.95	1	1	4.790045
HS15_serv_opr	BOBJ1	78	195.77	Before	Interior Girder 4	25.56	0.95	1	1	4.790045
HS15_serv_opr	BOBJ1	78	195.77	Before	Interior Girder 5	25.56	0.95	1	1	4.947431
HS15_serv_opr	BOBJ1	78	195.77	Before	Interior Girder 6	25.56	0.95	1	1	5.163566
HS15_serv_opr	BOBJ1	78	195.77	Before	Right Exterior Girder	25.56	0.95	1	1	6.237966
HS15_serv_opr	BOBJ1	79	195.77	After	Left Exterior Girder	25.56	0.95	1	1	6.341968
HS15_serv_opr	BOBJ1	79	195.77	After	Interior Girder 1	25.56	0.95	1	1	5.111922
HS15_serv_opr	BOBJ1	79	195.77	After	Interior Girder 2	25.56	0.95	1	1	4.938275
HS15_serv_opr	BOBJ1	79	195.77	After	Interior Girder 3	25.56	0.95	1	1	4.819658
HS15_serv_opr	BOBJ1	79	195.77	After	Interior Girder 4	25.56	0.95	1	1	4.819658
HS15_serv_opr	BOBJ1	79	195.77	After	Interior Girder 5	25.56	0.95	1	1	4.938275
HS15_serv_opr	BOBJ1	79	195.77	After	Interior Girder 6	25.56	0.95	1	1	5.111922
HS15_serv_opr	BOBJ1	79	195.77	After	Right Exterior Girder	25.56	0.95	1	1	6.341968
HS15_serv_opr	BOBJ1	80	202.16	Before	Left Exterior Girder	31.95	0.95	1	1	5.601819
HS15_serv_opr	BOBJ1	80	202.16	Before	Interior Girder 1	31.95	0.95	1	1	4.647209
HS15_serv_opr	BOBJ1	80	202.16	Before	Interior Girder 2	31.95	0.95	1	1	4.48879
HS15_serv_opr	BOBJ1	80	202.16	Before	Interior Girder 3	31.95	0.95	1	1	4.386815
HS15_serv_opr	BOBJ1	80	202.16	Before	Interior Girder 4	31.95	0.95	1	1	4.386815
HS15_serv_opr	BOBJ1	80	202.16	Before	Interior Girder 5	31.95	0.95	1	1	4.48879
HS15_serv_opr	BOBJ1	80	202.16	Before	Interior Girder 6	31.95	0.95	1	1	4.647209
HS15_serv_opr	BOBJ1	80	202.16	Before	Right Exterior Girder	31.95	0.95	1	1	5.601819
HS15_serv_opr	BOBJ1	81	202.16	After	Left Exterior Girder	31.95	0.95	1	1	5.561129
HS15_serv_opr	BOBJ1	81	202.16	After	Interior Girder 1	31.95	0.95	1	1	4.661971
HS15_serv_opr	BOBJ1	81	202.16	After	Interior Girder 2	31.95	0.95	1	1	4.502138
HS15_serv_opr	BOBJ1	81	202.16	After	Interior Girder 3	31.95	0.95	1	1	4.390449
HS15_serv_opr	BOBJ1	81	202.16	After	Interior Girder 4	31.95	0.95	1	1	4.390449
HS15_serv_opr	BOBJ1	81	202.16	After	Interior Girder 5	31.95	0.95	1	1	4.502138
HS15_serv_opr	BOBJ1	81	202.16	After	Interior Girder 6	31.95	0.95	1	1	4.661971
HS15_serv_opr	BOBJ1	81	202.16	After	Right Exterior Girder	31.95	0.95	1	1	5.561129
HS15_serv_opr	BOBJ1	82	208.55	Before	Left Exterior Girder	38.34	0.95	1	1	5.400824
HS15_serv_opr	BOBJ1	82	208.55	Before	Interior Girder 1	38.34	0.95	1	1	5.031018
HS15_serv_opr	BOBJ1	82	208.55	Before	Interior Girder 2	38.34	0.95	1	1	4.819606
HS15_serv_opr	BOBJ1	82	208.55	Before	Interior Girder 3	38.34	0.95	1	1	4.770844
HS15_serv_opr	BOBJ1	82	208.55	Before	Interior Girder 4	38.34	0.95	1	1	4.770844
HS15_serv_opr	BOBJ1	82	208.55	Before	Interior Girder 5	38.34	0.95	1	1	4.819606
HS15_serv_opr	BOBJ1	82	208.55	Before	Interior Girder 6	38.34	0.95	1	1	5.031018
HS15_serv_opr	BOBJ1	82	208.55	Before	Right Exterior Girder	38.34	0.95	1	1	5.400824
HS15_serv_opr	BOBJ1	83	208.55	After	Left Exterior Girder	38.34	0.95	1	1	5.356382
HS15_serv_opr	BOBJ1	83	208.55	After	Interior Girder 1	38.34	0.95	1	1	5.052894
HS15_serv_opr	BOBJ1	83	208.55	After	Interior Girder 2	38.34	0.95	1	1	4.816592
HS15_serv_opr	BOBJ1	83	208.55	After	Interior Girder 3	38.34	0.95	1	1	4.751399
HS15_serv_opr	BOBJ1	83	208.55	After	Interior Girder 4	38.34	0.95	1	1	4.751399
HS15_serv_opr	BOBJ1	83	208.55	After	Interior Girder 5	38.34	0.95	1	1	4.816592
HS15_serv_opr	BOBJ1	83	208.55	After	Interior Girder 6	38.34	0.95	1	1	5.052894
HS15_serv_opr	BOBJ1	83	208.55	After	Right Exterior Girder	38.34	0.95	1	1	5.356382
HS15_serv_opr	BOBJ1	84	215.1233	Before	Left Exterior Girder	44.9133	0.95	1	1	7.230503
HS15_serv_opr	BOBJ1	84	215.1233	Before	Interior Girder 1	44.9133	0.95	1	1	5.708436
HS15_serv_opr	BOBJ1	84	215.1233	Before	Interior Girder 2	44.9133	0.95	1	1	5.484394
HS15_serv_opr	BOBJ1	84	215.1233	Before	Interior Girder 3	44.9133	0.95	1	1	5.337421
HS15_serv_opr	BOBJ1	84	215.1233	Before	Interior Girder 4	44.9133	0.95	1	1	5.337421
HS15_serv_opr	BOBJ1	84	215.1233	Before	Interior Girder 5	44.9133	0.95	1	1	5.484394
HS15_serv_opr	BOBJ1	84	215.1233	Before	Interior Girder 6	44.9133	0.95	1	1	5.708436
HS15_serv_opr	BOBJ1	84	215.1233	Before	Right Exterior Girder	44.9133	0.95	1	1	7.230503
HS15_serv_opr	BOBJ1	85	215.1233	After	Left Exterior Girder	44.9133	0.95	1	1	7.195285
HS15_serv_opr	BOBJ1	85	215.1233	After	Interior Girder 1	44.9133	0.95	1	1	5.71396
HS15_serv_opr	BOBJ1	85	215.1233	After	Interior Girder 2	44.9133	0.95	1	1	5.396479
HS15_serv_opr	BOBJ1	85	215.1233	After	Interior Girder 3	44.9133	0.95	1	1	5.215139
HS15_serv_opr	BOBJ1	85	215.1233	After	Interior Girder 4	44.9133	0.95	1	1	5.215139
HS15_serv_opr	BOBJ1	85	215.1233	After	Interior Girder 5	44.9133	0.95	1	1	5.396479
HS15_serv_opr	BOBJ1	85	215.1233	After	Interior Girder 6	44.9133	0.95	1	1	5.71396
HS15_serv_opr	BOBJ1	85	215.1233	After	Right Exterior Girder	44.9133	0.95	1	1	7.195285
HS15_serv_opr	BOBJ1	86	221.6967	Before	Left Exterior Girder	51.4867	0.95	1	1	14.039431
HS15_serv_opr	BOBJ1	86	221.6967	Before	Interior Girder 1	51.4867	0.95	1	1	9.142101
HS15_serv_opr	BOBJ1	86	221.6967	Before	Interior Girder 2	51.4867	0.95	1	1	8.763606

TABLE: Bridge Super Rating AASHTORATE18 31 - SteelICompServ-Flx - Approach, Span 16-19										
Request	BridgeObj	BridgeCut	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	Unitless	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
HS15_serv_opr	BOBJ1	86	221.6967	Before	Interior Girder 3	51.4867	0.95	1	1	7.980797
HS15_serv_opr	BOBJ1	86	221.6967	Before	Interior Girder 4	51.4867	0.95	1	1	7.980797
HS15_serv_opr	BOBJ1	86	221.6967	Before	Interior Girder 5	51.4867	0.95	1	1	8.763606
HS15_serv_opr	BOBJ1	86	221.6967	Before	Interior Girder 6	51.4867	0.95	1	1	9.142101
HS15_serv_opr	BOBJ1	86	221.6967	Before	Right Exterior Girder	51.4867	0.95	1	1	14.039431
HS15_serv_opr	BOBJ1	87	221.6967	After	Left Exterior Girder	51.4867	0.95	1	1	13.921849
HS15_serv_opr	BOBJ1	87	221.6967	After	Interior Girder 1	51.4867	0.95	1	1	9.189744
HS15_serv_opr	BOBJ1	87	221.6967	After	Interior Girder 2	51.4867	0.95	1	1	8.633782
HS15_serv_opr	BOBJ1	87	221.6967	After	Interior Girder 3	51.4867	0.95	1	1	7.677136
HS15_serv_opr	BOBJ1	87	221.6967	After	Interior Girder 4	51.4867	0.95	1	1	7.677136
HS15_serv_opr	BOBJ1	87	221.6967	After	Interior Girder 5	51.4867	0.95	1	1	8.633782
HS15_serv_opr	BOBJ1	87	221.6967	After	Interior Girder 6	51.4867	0.95	1	1	9.189744
HS15_serv_opr	BOBJ1	87	221.6967	After	Right Exterior Girder	51.4867	0.95	1	1	13.921849
HS15_serv_opr	BOBJ1	88	228.27	Before	Left Exterior Girder	58.06	0.95	1	1	784.214289
HS15_serv_opr	BOBJ1	88	228.27	Before	Interior Girder 1	58.06	0.95	1	1	818.736138
HS15_serv_opr	BOBJ1	88	228.27	Before	Interior Girder 2	58.06	0.95	1	1	423.138982
HS15_serv_opr	BOBJ1	88	228.27	Before	Interior Girder 3	58.06	0.95	1	1	306.278539
HS15_serv_opr	BOBJ1	88	228.27	Before	Interior Girder 4	58.06	0.95	1	1	306.278538
HS15_serv_opr	BOBJ1	88	228.27	Before	Interior Girder 5	58.06	0.95	1	1	423.138981
HS15_serv_opr	BOBJ1	88	228.27	Before	Interior Girder 6	58.06	0.95	1	1	818.736137
HS15_serv_opr	BOBJ1	88	228.27	Before	Right Exterior Girder	58.06	0.95	1	1	784.214288
HS15_serv_inv	BOBJ1	1	0	After	Left Exterior Girder	0	0.95	1	1	879.299256
HS15_serv_inv	BOBJ1	1	0	After	Interior Girder 1	0	0.95	1	1	628.977986
HS15_serv_inv	BOBJ1	1	0	After	Interior Girder 2	0	0.95	1	1	351.610732
HS15_serv_inv	BOBJ1	1	0	After	Interior Girder 3	0	0.95	1	1	282.03218
HS15_serv_inv	BOBJ1	1	0	After	Interior Girder 4	0	0.95	1	1	282.032181
HS15_serv_inv	BOBJ1	1	0	After	Interior Girder 5	0	0.95	1	1	351.610737
HS15_serv_inv	BOBJ1	1	0	After	Interior Girder 6	0	0.95	1	1	628.977985
HS15_serv_inv	BOBJ1	1	0	After	Right Exterior Girder	0	0.95	1	1	879.299256
HS15_serv_inv	BOBJ1	2	5.3833	Before	Left Exterior Girder	5.3833	0.95	1	1	11.854797
HS15_serv_inv	BOBJ1	2	5.3833	Before	Interior Girder 1	5.3833	0.95	1	1	7.781046
HS15_serv_inv	BOBJ1	2	5.3833	Before	Interior Girder 2	5.3833	0.95	1	1	7.309098
HS15_serv_inv	BOBJ1	2	5.3833	Before	Interior Girder 3	5.3833	0.95	1	1	6.340753
HS15_serv_inv	BOBJ1	2	5.3833	Before	Interior Girder 4	5.3833	0.95	1	1	6.340753
HS15_serv_inv	BOBJ1	2	5.3833	Before	Interior Girder 5	5.3833	0.95	1	1	7.309098
HS15_serv_inv	BOBJ1	2	5.3833	Before	Interior Girder 6	5.3833	0.95	1	1	7.781046
HS15_serv_inv	BOBJ1	2	5.3833	Before	Right Exterior Girder	5.3833	0.95	1	1	11.854797
HS15_serv_inv	BOBJ1	3	5.3833	After	Left Exterior Girder	5.3833	0.95	1	1	12.005745
HS15_serv_inv	BOBJ1	3	5.3833	After	Interior Girder 1	5.3833	0.95	1	1	7.797943
HS15_serv_inv	BOBJ1	3	5.3833	After	Interior Girder 2	5.3833	0.95	1	1	7.425655
HS15_serv_inv	BOBJ1	3	5.3833	After	Interior Girder 3	5.3833	0.95	1	1	6.552397
HS15_serv_inv	BOBJ1	3	5.3833	After	Interior Girder 4	5.3833	0.95	1	1	6.552397
HS15_serv_inv	BOBJ1	3	5.3833	After	Interior Girder 5	5.3833	0.95	1	1	7.425655
HS15_serv_inv	BOBJ1	3	5.3833	After	Interior Girder 6	5.3833	0.95	1	1	7.797943
HS15_serv_inv	BOBJ1	3	5.3833	After	Right Exterior Girder	5.3833	0.95	1	1	12.005745
HS15_serv_inv	BOBJ1	4	10.7667	Before	Left Exterior Girder	10.7667	0.95	1	1	6.654278
HS15_serv_inv	BOBJ1	4	10.7667	Before	Interior Girder 1	10.7667	0.95	1	1	5.083864
HS15_serv_inv	BOBJ1	4	10.7667	Before	Interior Girder 2	10.7667	0.95	1	1	4.733808
HS15_serv_inv	BOBJ1	4	10.7667	Before	Interior Girder 3	10.7667	0.95	1	1	4.484181
HS15_serv_inv	BOBJ1	4	10.7667	Before	Interior Girder 4	10.7667	0.95	1	1	4.484181
HS15_serv_inv	BOBJ1	4	10.7667	Before	Interior Girder 5	10.7667	0.95	1	1	4.733808
HS15_serv_inv	BOBJ1	4	10.7667	Before	Interior Girder 6	10.7667	0.95	1	1	5.083864
HS15_serv_inv	BOBJ1	4	10.7667	Before	Right Exterior Girder	10.7667	0.95	1	1	6.654278
HS15_serv_inv	BOBJ1	5	10.7667	After	Left Exterior Girder	10.7667	0.95	1	1	6.626109
HS15_serv_inv	BOBJ1	5	10.7667	After	Interior Girder 1	10.7667	0.95	1	1	5.10167
HS15_serv_inv	BOBJ1	5	10.7667	After	Interior Girder 2	10.7667	0.95	1	1	4.80812
HS15_serv_inv	BOBJ1	5	10.7667	After	Interior Girder 3	10.7667	0.95	1	1	4.566806
HS15_serv_inv	BOBJ1	5	10.7667	After	Interior Girder 4	10.7667	0.95	1	1	4.566806
HS15_serv_inv	BOBJ1	5	10.7667	After	Interior Girder 5	10.7667	0.95	1	1	4.80812
HS15_serv_inv	BOBJ1	5	10.7667	After	Interior Girder 6	10.7667	0.95	1	1	5.10167
HS15_serv_inv	BOBJ1	5	10.7667	After	Right Exterior Girder	10.7667	0.95	1	1	6.626109
HS15_serv_inv	BOBJ1	6	16.15	Before	Left Exterior Girder	16.15	0.95	1	1	5.212042
HS15_serv_inv	BOBJ1	6	16.15	Before	Interior Girder 1	16.15	0.95	1	1	4.722916
HS15_serv_inv	BOBJ1	6	16.15	Before	Interior Girder 2	16.15	0.95	1	1	4.385958
HS15_serv_inv	BOBJ1	6	16.15	Before	Interior Girder 3	16.15	0.95	1	1	4.232308
HS15_serv_inv	BOBJ1	6	16.15	Before	Interior Girder 4	16.15	0.95	1	1	4.232308
HS15_serv_inv	BOBJ1	6	16.15	Before	Interior Girder 5	16.15	0.95	1	1	4.385958
HS15_serv_inv	BOBJ1	6	16.15	Before	Interior Girder 6	16.15	0.95	1	1	4.722916
HS15_serv_inv	BOBJ1	6	16.15	Before	Right Exterior Girder	16.15	0.95	1	1	5.212042
HS15_serv_inv	BOBJ1	7	16.15	After	Left Exterior Girder	16.15	0.95	1	1	5.227765
HS15_serv_inv	BOBJ1	7	16.15	After	Interior Girder 1	16.15	0.95	1	1	4.712659
HS15_serv_inv	BOBJ1	7	16.15	After	Interior Girder 2	16.15	0.95	1	1	4.394832
HS15_serv_inv	BOBJ1	7	16.15	After	Interior Girder 3	16.15	0.95	1	1	4.244923

TABLE: Bridge Super Rating AASHTORATE18 31 - SteelICompServ-Flx - Approach, Span 16-19										
Request	BridgeObj	BridgeCut	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	Unitless	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
HS15_serv_inv	BOBJ1	7	16.15	After	Interior Girder 4	16.15	0.95	1	1	4.244923
HS15_serv_inv	BOBJ1	7	16.15	After	Interior Girder 5	16.15	0.95	1	1	4.394832
HS15_serv_inv	BOBJ1	7	16.15	After	Interior Girder 6	16.15	0.95	1	1	4.712659
HS15_serv_inv	BOBJ1	7	16.15	After	Right Exterior Girder	16.15	0.95	1	1	5.227765
HS15_serv_inv	BOBJ1	8	22.1267	Before	Left Exterior Girder	22.1267	0.95	1	1	5.739958
HS15_serv_inv	BOBJ1	8	22.1267	Before	Interior Girder 1	22.1267	0.95	1	1	4.572087
HS15_serv_inv	BOBJ1	8	22.1267	Before	Interior Girder 2	22.1267	0.95	1	1	4.29725
HS15_serv_inv	BOBJ1	8	22.1267	Before	Interior Girder 3	22.1267	0.95	1	1	4.088661
HS15_serv_inv	BOBJ1	8	22.1267	Before	Interior Girder 4	22.1267	0.95	1	1	4.088661
HS15_serv_inv	BOBJ1	8	22.1267	Before	Interior Girder 5	22.1267	0.95	1	1	4.29725
HS15_serv_inv	BOBJ1	8	22.1267	Before	Interior Girder 6	22.1267	0.95	1	1	4.572087
HS15_serv_inv	BOBJ1	8	22.1267	Before	Right Exterior Girder	22.1267	0.95	1	1	5.739958
HS15_serv_inv	BOBJ1	9	22.1267	After	Left Exterior Girder	22.1267	0.95	1	1	5.78831
HS15_serv_inv	BOBJ1	9	22.1267	After	Interior Girder 1	22.1267	0.95	1	1	4.559748
HS15_serv_inv	BOBJ1	9	22.1267	After	Interior Girder 2	22.1267	0.95	1	1	4.275585
HS15_serv_inv	BOBJ1	9	22.1267	After	Interior Girder 3	22.1267	0.95	1	1	4.059622
HS15_serv_inv	BOBJ1	9	22.1267	After	Interior Girder 4	22.1267	0.95	1	1	4.059622
HS15_serv_inv	BOBJ1	9	22.1267	After	Interior Girder 5	22.1267	0.95	1	1	4.275585
HS15_serv_inv	BOBJ1	9	22.1267	After	Interior Girder 6	22.1267	0.95	1	1	4.559748
HS15_serv_inv	BOBJ1	9	22.1267	After	Right Exterior Girder	22.1267	0.95	1	1	5.78831
HS15_serv_inv	BOBJ1	10	28.1033	Before	Left Exterior Girder	28.1033	0.95	1	1	7.089873
HS15_serv_inv	BOBJ1	10	28.1033	Before	Interior Girder 1	28.1033	0.95	1	1	5.29016
HS15_serv_inv	BOBJ1	10	28.1033	Before	Interior Girder 2	28.1033	0.95	1	1	4.989483
HS15_serv_inv	BOBJ1	10	28.1033	Before	Interior Girder 3	28.1033	0.95	1	1	4.76968
HS15_serv_inv	BOBJ1	10	28.1033	Before	Interior Girder 4	28.1033	0.95	1	1	4.76968
HS15_serv_inv	BOBJ1	10	28.1033	Before	Interior Girder 5	28.1033	0.95	1	1	4.989483
HS15_serv_inv	BOBJ1	10	28.1033	Before	Interior Girder 6	28.1033	0.95	1	1	5.29016
HS15_serv_inv	BOBJ1	10	28.1033	Before	Right Exterior Girder	28.1033	0.95	1	1	7.089873
HS15_serv_inv	BOBJ1	11	28.1033	After	Left Exterior Girder	28.1033	0.95	1	1	6.99428
HS15_serv_inv	BOBJ1	11	28.1033	After	Interior Girder 1	28.1033	0.95	1	1	5.328702
HS15_serv_inv	BOBJ1	11	28.1033	After	Interior Girder 2	28.1033	0.95	1	1	4.983705
HS15_serv_inv	BOBJ1	11	28.1033	After	Interior Girder 3	28.1033	0.95	1	1	4.722576
HS15_serv_inv	BOBJ1	11	28.1033	After	Interior Girder 4	28.1033	0.95	1	1	4.722576
HS15_serv_inv	BOBJ1	11	28.1033	After	Interior Girder 5	28.1033	0.95	1	1	4.983705
HS15_serv_inv	BOBJ1	11	28.1033	After	Interior Girder 6	28.1033	0.95	1	1	5.328702
HS15_serv_inv	BOBJ1	11	28.1033	After	Right Exterior Girder	28.1033	0.95	1	1	6.99428
HS15_serv_inv	BOBJ1	12	34.08	Before	Left Exterior Girder	34.08	0.95	1	1	5.434777
HS15_serv_inv	BOBJ1	12	34.08	Before	Interior Girder 1	34.08	0.95	1	1	5.513622
HS15_serv_inv	BOBJ1	12	34.08	Before	Interior Girder 2	34.08	0.95	1	1	5.535458
HS15_serv_inv	BOBJ1	12	34.08	Before	Interior Girder 3	34.08	0.95	1	1	5.733136
HS15_serv_inv	BOBJ1	12	34.08	Before	Interior Girder 4	34.08	0.95	1	1	5.733136
HS15_serv_inv	BOBJ1	12	34.08	Before	Interior Girder 5	34.08	0.95	1	1	5.535458
HS15_serv_inv	BOBJ1	12	34.08	Before	Interior Girder 6	34.08	0.95	1	1	5.513622
HS15_serv_inv	BOBJ1	12	34.08	Before	Right Exterior Girder	34.08	0.95	1	1	5.434777
HS15_serv_inv	BOBJ1	13	34.08	After	Left Exterior Girder	34.08	0.95	1	1	5.485374
HS15_serv_inv	BOBJ1	13	34.08	After	Interior Girder 1	34.08	0.95	1	1	5.462285
HS15_serv_inv	BOBJ1	13	34.08	After	Interior Girder 2	34.08	0.95	1	1	5.502561
HS15_serv_inv	BOBJ1	13	34.08	After	Interior Girder 3	34.08	0.95	1	1	5.736424
HS15_serv_inv	BOBJ1	13	34.08	After	Interior Girder 4	34.08	0.95	1	1	5.736424
HS15_serv_inv	BOBJ1	13	34.08	After	Interior Girder 5	34.08	0.95	1	1	5.502561
HS15_serv_inv	BOBJ1	13	34.08	After	Interior Girder 6	34.08	0.95	1	1	5.462285
HS15_serv_inv	BOBJ1	13	34.08	After	Right Exterior Girder	34.08	0.95	1	1	5.485374
HS15_serv_inv	BOBJ1	14	39.855	Before	Left Exterior Girder	39.855	0.95	1	1	3.707923
HS15_serv_inv	BOBJ1	14	39.855	Before	Interior Girder 1	39.855	0.95	1	1	4.177378
HS15_serv_inv	BOBJ1	14	39.855	Before	Interior Girder 2	39.855	0.95	1	1	4.131365
HS15_serv_inv	BOBJ1	14	39.855	Before	Interior Girder 3	39.855	0.95	1	1	3.976378
HS15_serv_inv	BOBJ1	14	39.855	Before	Interior Girder 4	39.855	0.95	1	1	3.976378
HS15_serv_inv	BOBJ1	14	39.855	Before	Interior Girder 5	39.855	0.95	1	1	4.131365
HS15_serv_inv	BOBJ1	14	39.855	Before	Interior Girder 6	39.855	0.95	1	1	4.177378
HS15_serv_inv	BOBJ1	14	39.855	Before	Right Exterior Girder	39.855	0.95	1	1	3.707923
HS15_serv_inv	BOBJ1	15	39.855	After	Left Exterior Girder	39.855	0.95	1	1	3.771589
HS15_serv_inv	BOBJ1	15	39.855	After	Interior Girder 1	39.855	0.95	1	1	4.121567
HS15_serv_inv	BOBJ1	15	39.855	After	Interior Girder 2	39.855	0.95	1	1	4.083997
HS15_serv_inv	BOBJ1	15	39.855	After	Interior Girder 3	39.855	0.95	1	1	3.958082
HS15_serv_inv	BOBJ1	15	39.855	After	Interior Girder 4	39.855	0.95	1	1	3.958082
HS15_serv_inv	BOBJ1	15	39.855	After	Interior Girder 5	39.855	0.95	1	1	4.083997
HS15_serv_inv	BOBJ1	15	39.855	After	Interior Girder 6	39.855	0.95	1	1	4.121567
HS15_serv_inv	BOBJ1	15	39.855	After	Right Exterior Girder	39.855	0.95	1	1	3.771589
HS15_serv_inv	BOBJ1	16	40.0288	Before	Left Exterior Girder	40.0288	0.95	1	1	3.704408
HS15_serv_inv	BOBJ1	16	40.0288	Before	Right Exterior Girder	40.0288	0.95	1	1	3.704408
HS15_serv_inv	BOBJ1	17	40.0288	After	Left Exterior Girder	40.0288	0.95	1	1	5.321981
HS15_serv_inv	BOBJ1	17	40.0288	After	Right Exterior Girder	40.0288	0.95	1	1	5.321981
HS15_serv_inv	BOBJ1	18	45.63	Before	Left Exterior Girder	45.63	0.95	1	1	3.635755

TABLE: Bridge Super Rating AASHTORATE18 31 - SteelICompServ-Flx - Approach, Span 16-19										
Request	BridgeObj	BridgeCut	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	Unitless	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
HS15_serv_inv	BOBJ1	18	45.63	Before	Interior Girder 1	45.63	0.95	1	1	3.019664
HS15_serv_inv	BOBJ1	18	45.63	Before	Interior Girder 2	45.63	0.95	1	1	2.902516
HS15_serv_inv	BOBJ1	18	45.63	Before	Interior Girder 3	45.63	0.95	1	1	2.443329
HS15_serv_inv	BOBJ1	18	45.63	Before	Interior Girder 4	45.63	0.95	1	1	2.443329
HS15_serv_inv	BOBJ1	18	45.63	Before	Interior Girder 5	45.63	0.95	1	1	2.902516
HS15_serv_inv	BOBJ1	18	45.63	Before	Interior Girder 6	45.63	0.95	1	1	3.019664
HS15_serv_inv	BOBJ1	18	45.63	Before	Right Exterior Girder	45.63	0.95	1	1	3.635755
HS15_serv_inv	BOBJ1	19	45.63	After	Left Exterior Girder	0	0.95	1	1	3.615479
HS15_serv_inv	BOBJ1	19	45.63	After	Interior Girder 1	0	0.95	1	1	2.757133
HS15_serv_inv	BOBJ1	19	45.63	After	Interior Girder 2	0	0.95	1	1	2.679496
HS15_serv_inv	BOBJ1	19	45.63	After	Interior Girder 3	0	0.95	1	1	2.250135
HS15_serv_inv	BOBJ1	19	45.63	After	Interior Girder 4	0	0.95	1	1	2.250135
HS15_serv_inv	BOBJ1	19	45.63	After	Interior Girder 5	0	0.95	1	1	2.679496
HS15_serv_inv	BOBJ1	19	45.63	After	Interior Girder 6	0	0.95	1	1	2.757133
HS15_serv_inv	BOBJ1	19	45.63	After	Right Exterior Girder	0	0.95	1	1	3.615479
HS15_serv_inv	BOBJ1	20	50.6298	Before	Left Exterior Girder	4.9998	0.95	1	1	9.270154
HS15_serv_inv	BOBJ1	20	50.6298	Before	Right Exterior Girder	4.9998	0.95	1	1	9.270154
HS15_serv_inv	BOBJ1	21	50.6298	After	Left Exterior Girder	4.9998	0.95	1	1	6.134972
HS15_serv_inv	BOBJ1	21	50.6298	After	Right Exterior Girder	4.9998	0.95	1	1	6.134972
HS15_serv_inv	BOBJ1	22	51.4	Before	Left Exterior Girder	5.77	0.95	1	1	7.216487
HS15_serv_inv	BOBJ1	22	51.4	Before	Interior Girder 1	5.77	0.95	1	1	7.144716
HS15_serv_inv	BOBJ1	22	51.4	Before	Interior Girder 2	5.77	0.95	1	1	6.615739
HS15_serv_inv	BOBJ1	22	51.4	Before	Interior Girder 3	5.77	0.95	1	1	6.126966
HS15_serv_inv	BOBJ1	22	51.4	Before	Interior Girder 4	5.77	0.95	1	1	6.126966
HS15_serv_inv	BOBJ1	22	51.4	Before	Interior Girder 5	5.77	0.95	1	1	6.615739
HS15_serv_inv	BOBJ1	22	51.4	Before	Interior Girder 6	5.77	0.95	1	1	7.144716
HS15_serv_inv	BOBJ1	22	51.4	Before	Right Exterior Girder	5.77	0.95	1	1	7.216487
HS15_serv_inv	BOBJ1	23	51.4	After	Left Exterior Girder	5.77	0.95	1	1	7.079622
HS15_serv_inv	BOBJ1	23	51.4	After	Interior Girder 1	5.77	0.95	1	1	7.263962
HS15_serv_inv	BOBJ1	23	51.4	After	Interior Girder 2	5.77	0.95	1	1	6.589487
HS15_serv_inv	BOBJ1	23	51.4	After	Interior Girder 3	5.77	0.95	1	1	6.051559
HS15_serv_inv	BOBJ1	23	51.4	After	Interior Girder 4	5.77	0.95	1	1	6.051559
HS15_serv_inv	BOBJ1	23	51.4	After	Interior Girder 5	5.77	0.95	1	1	6.589487
HS15_serv_inv	BOBJ1	23	51.4	After	Interior Girder 6	5.77	0.95	1	1	7.263962
HS15_serv_inv	BOBJ1	23	51.4	After	Right Exterior Girder	5.77	0.95	1	1	7.079622
HS15_serv_inv	BOBJ1	24	57.17	Before	Left Exterior Girder	11.54	0.95	1	1	10.344371
HS15_serv_inv	BOBJ1	24	57.17	Before	Interior Girder 1	11.54	0.95	1	1	9.679258
HS15_serv_inv	BOBJ1	24	57.17	Before	Interior Girder 2	11.54	0.95	1	1	9.026999
HS15_serv_inv	BOBJ1	24	57.17	Before	Interior Girder 3	11.54	0.95	1	1	8.748509
HS15_serv_inv	BOBJ1	24	57.17	Before	Interior Girder 4	11.54	0.95	1	1	8.748509
HS15_serv_inv	BOBJ1	24	57.17	Before	Interior Girder 5	11.54	0.95	1	1	9.026999
HS15_serv_inv	BOBJ1	24	57.17	Before	Interior Girder 6	11.54	0.95	1	1	9.679258
HS15_serv_inv	BOBJ1	24	57.17	Before	Right Exterior Girder	11.54	0.95	1	1	10.344371
HS15_serv_inv	BOBJ1	25	57.17	After	Left Exterior Girder	11.54	0.95	1	1	10.257626
HS15_serv_inv	BOBJ1	25	57.17	After	Interior Girder 1	11.54	0.95	1	1	9.745049
HS15_serv_inv	BOBJ1	25	57.17	After	Interior Girder 2	11.54	0.95	1	1	9.153296
HS15_serv_inv	BOBJ1	25	57.17	After	Interior Girder 3	11.54	0.95	1	1	8.864619
HS15_serv_inv	BOBJ1	25	57.17	After	Interior Girder 4	11.54	0.95	1	1	8.864619
HS15_serv_inv	BOBJ1	25	57.17	After	Interior Girder 5	11.54	0.95	1	1	9.153296
HS15_serv_inv	BOBJ1	25	57.17	After	Interior Girder 6	11.54	0.95	1	1	9.745049
HS15_serv_inv	BOBJ1	25	57.17	After	Right Exterior Girder	11.54	0.95	1	1	10.257626
HS15_serv_inv	BOBJ1	26	63.34	Before	Left Exterior Girder	17.71	0.95	1	1	6.800123
HS15_serv_inv	BOBJ1	26	63.34	Before	Interior Girder 1	17.71	0.95	1	1	5.290697
HS15_serv_inv	BOBJ1	26	63.34	Before	Interior Girder 2	17.71	0.95	1	1	4.955785
HS15_serv_inv	BOBJ1	26	63.34	Before	Interior Girder 3	17.71	0.95	1	1	4.720616
HS15_serv_inv	BOBJ1	26	63.34	Before	Interior Girder 4	17.71	0.95	1	1	4.720616
HS15_serv_inv	BOBJ1	26	63.34	Before	Interior Girder 5	17.71	0.95	1	1	4.955785
HS15_serv_inv	BOBJ1	26	63.34	Before	Interior Girder 6	17.71	0.95	1	1	5.290697
HS15_serv_inv	BOBJ1	26	63.34	Before	Right Exterior Girder	17.71	0.95	1	1	6.800123
HS15_serv_inv	BOBJ1	27	63.34	After	Left Exterior Girder	17.71	0.95	1	1	6.984918
HS15_serv_inv	BOBJ1	27	63.34	After	Interior Girder 1	17.71	0.95	1	1	5.212156
HS15_serv_inv	BOBJ1	27	63.34	After	Interior Girder 2	17.71	0.95	1	1	4.945834
HS15_serv_inv	BOBJ1	27	63.34	After	Interior Girder 3	17.71	0.95	1	1	4.789134
HS15_serv_inv	BOBJ1	27	63.34	After	Interior Girder 4	17.71	0.95	1	1	4.789134
HS15_serv_inv	BOBJ1	27	63.34	After	Interior Girder 5	17.71	0.95	1	1	4.945834
HS15_serv_inv	BOBJ1	27	63.34	After	Interior Girder 6	17.71	0.95	1	1	5.212156
HS15_serv_inv	BOBJ1	27	63.34	After	Right Exterior Girder	17.71	0.95	1	1	6.984918
HS15_serv_inv	BOBJ1	28	69.51	Before	Left Exterior Girder	23.88	0.95	1	1	4.41151
HS15_serv_inv	BOBJ1	28	69.51	Before	Interior Girder 1	23.88	0.95	1	1	3.80127
HS15_serv_inv	BOBJ1	28	69.51	Before	Interior Girder 2	23.88	0.95	1	1	3.6577
HS15_serv_inv	BOBJ1	28	69.51	Before	Interior Girder 3	23.88	0.95	1	1	3.576383
HS15_serv_inv	BOBJ1	28	69.51	Before	Interior Girder 4	23.88	0.95	1	1	3.576383
HS15_serv_inv	BOBJ1	28	69.51	Before	Interior Girder 5	23.88	0.95	1	1	3.6577

TABLE: Bridge Super Rating AASHTORATE18 31 - SteelICompServ-Flx - Approach, Span 16-19										
Request	BridgeObj	BridgeCut	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	Unitless	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
HS15_serv_inv	BOBJ1	28	69.51	Before	Interior Girder 6	23.88	0.95	1	1	3.80127
HS15_serv_inv	BOBJ1	28	69.51	Before	Right Exterior Girder	23.88	0.95	1	1	4.41151
HS15_serv_inv	BOBJ1	29	69.51	After	Left Exterior Girder	23.88	0.95	1	1	4.430372
HS15_serv_inv	BOBJ1	29	69.51	After	Interior Girder 1	23.88	0.95	1	1	3.806474
HS15_serv_inv	BOBJ1	29	69.51	After	Interior Girder 2	23.88	0.95	1	1	3.679818
HS15_serv_inv	BOBJ1	29	69.51	After	Interior Girder 3	23.88	0.95	1	1	3.613929
HS15_serv_inv	BOBJ1	29	69.51	After	Interior Girder 4	23.88	0.95	1	1	3.613929
HS15_serv_inv	BOBJ1	29	69.51	After	Interior Girder 5	23.88	0.95	1	1	3.679818
HS15_serv_inv	BOBJ1	29	69.51	After	Interior Girder 6	23.88	0.95	1	1	3.806474
HS15_serv_inv	BOBJ1	29	69.51	After	Right Exterior Girder	23.88	0.95	1	1	4.430372
HS15_serv_inv	BOBJ1	30	75.68	Before	Left Exterior Girder	30.05	0.95	1	1	3.433859
HS15_serv_inv	BOBJ1	30	75.68	Before	Interior Girder 1	30.05	0.95	1	1	3.464136
HS15_serv_inv	BOBJ1	30	75.68	Before	Interior Girder 2	30.05	0.95	1	1	3.373909
HS15_serv_inv	BOBJ1	30	75.68	Before	Interior Girder 3	30.05	0.95	1	1	3.363428
HS15_serv_inv	BOBJ1	30	75.68	Before	Interior Girder 4	30.05	0.95	1	1	3.363428
HS15_serv_inv	BOBJ1	30	75.68	Before	Interior Girder 5	30.05	0.95	1	1	3.373909
HS15_serv_inv	BOBJ1	30	75.68	Before	Interior Girder 6	30.05	0.95	1	1	3.464136
HS15_serv_inv	BOBJ1	30	75.68	Before	Right Exterior Girder	30.05	0.95	1	1	3.433859
HS15_serv_inv	BOBJ1	31	75.68	After	Left Exterior Girder	30.05	0.95	1	1	3.450982
HS15_serv_inv	BOBJ1	31	75.68	After	Interior Girder 1	30.05	0.95	1	1	3.455398
HS15_serv_inv	BOBJ1	31	75.68	After	Interior Girder 2	30.05	0.95	1	1	3.366703
HS15_serv_inv	BOBJ1	31	75.68	After	Interior Girder 3	30.05	0.95	1	1	3.369095
HS15_serv_inv	BOBJ1	31	75.68	After	Interior Girder 4	30.05	0.95	1	1	3.369095
HS15_serv_inv	BOBJ1	31	75.68	After	Interior Girder 5	30.05	0.95	1	1	3.366703
HS15_serv_inv	BOBJ1	31	75.68	After	Interior Girder 6	30.05	0.95	1	1	3.455398
HS15_serv_inv	BOBJ1	31	75.68	After	Right Exterior Girder	30.05	0.95	1	1	3.450982
HS15_serv_inv	BOBJ1	32	81.8467	Before	Left Exterior Girder	36.2167	0.95	1	1	3.582702
HS15_serv_inv	BOBJ1	32	81.8467	Before	Interior Girder 1	36.2167	0.95	1	1	3.244221
HS15_serv_inv	BOBJ1	32	81.8467	Before	Interior Girder 2	36.2167	0.95	1	1	3.173801
HS15_serv_inv	BOBJ1	32	81.8467	Before	Interior Girder 3	36.2167	0.95	1	1	3.127056
HS15_serv_inv	BOBJ1	32	81.8467	Before	Interior Girder 4	36.2167	0.95	1	1	3.127056
HS15_serv_inv	BOBJ1	32	81.8467	Before	Interior Girder 5	36.2167	0.95	1	1	3.173801
HS15_serv_inv	BOBJ1	32	81.8467	Before	Interior Girder 6	36.2167	0.95	1	1	3.244221
HS15_serv_inv	BOBJ1	32	81.8467	Before	Right Exterior Girder	36.2167	0.95	1	1	3.582702
HS15_serv_inv	BOBJ1	33	81.8467	After	Left Exterior Girder	36.2167	0.95	1	1	3.593827
HS15_serv_inv	BOBJ1	33	81.8467	After	Interior Girder 1	36.2167	0.95	1	1	3.223747
HS15_serv_inv	BOBJ1	33	81.8467	After	Interior Girder 2	36.2167	0.95	1	1	3.159356
HS15_serv_inv	BOBJ1	33	81.8467	After	Interior Girder 3	36.2167	0.95	1	1	3.106541
HS15_serv_inv	BOBJ1	33	81.8467	After	Interior Girder 4	36.2167	0.95	1	1	3.106541
HS15_serv_inv	BOBJ1	33	81.8467	After	Interior Girder 5	36.2167	0.95	1	1	3.159356
HS15_serv_inv	BOBJ1	33	81.8467	After	Interior Girder 6	36.2167	0.95	1	1	3.223747
HS15_serv_inv	BOBJ1	33	81.8467	After	Right Exterior Girder	36.2167	0.95	1	1	3.593827
HS15_serv_inv	BOBJ1	34	88.0133	Before	Left Exterior Girder	42.3833	0.95	1	1	4.248118
HS15_serv_inv	BOBJ1	34	88.0133	Before	Interior Girder 1	42.3833	0.95	1	1	3.610502
HS15_serv_inv	BOBJ1	34	88.0133	Before	Interior Girder 2	42.3833	0.95	1	1	3.522527
HS15_serv_inv	BOBJ1	34	88.0133	Before	Interior Girder 3	42.3833	0.95	1	1	3.449464
HS15_serv_inv	BOBJ1	34	88.0133	Before	Interior Girder 4	42.3833	0.95	1	1	3.449464
HS15_serv_inv	BOBJ1	34	88.0133	Before	Interior Girder 5	42.3833	0.95	1	1	3.522527
HS15_serv_inv	BOBJ1	34	88.0133	Before	Interior Girder 6	42.3833	0.95	1	1	3.610502
HS15_serv_inv	BOBJ1	34	88.0133	Before	Right Exterior Girder	42.3833	0.95	1	1	4.248118
HS15_serv_inv	BOBJ1	35	88.0133	After	Left Exterior Girder	42.3833	0.95	1	1	4.158215
HS15_serv_inv	BOBJ1	35	88.0133	After	Interior Girder 1	42.3833	0.95	1	1	3.649484
HS15_serv_inv	BOBJ1	35	88.0133	After	Interior Girder 2	42.3833	0.95	1	1	3.535918
HS15_serv_inv	BOBJ1	35	88.0133	After	Interior Girder 3	42.3833	0.95	1	1	3.428771
HS15_serv_inv	BOBJ1	35	88.0133	After	Interior Girder 4	42.3833	0.95	1	1	3.428771
HS15_serv_inv	BOBJ1	35	88.0133	After	Interior Girder 5	42.3833	0.95	1	1	3.535918
HS15_serv_inv	BOBJ1	35	88.0133	After	Interior Girder 6	42.3833	0.95	1	1	3.649484
HS15_serv_inv	BOBJ1	35	88.0133	After	Right Exterior Girder	42.3833	0.95	1	1	4.158215
HS15_serv_inv	BOBJ1	36	94.18	Before	Left Exterior Girder	48.55	0.95	1	1	5.634067
HS15_serv_inv	BOBJ1	36	94.18	Before	Interior Girder 1	48.55	0.95	1	1	5.29531
HS15_serv_inv	BOBJ1	36	94.18	Before	Interior Girder 2	48.55	0.95	1	1	4.89089
HS15_serv_inv	BOBJ1	36	94.18	Before	Interior Girder 3	48.55	0.95	1	1	4.821947
HS15_serv_inv	BOBJ1	36	94.18	Before	Interior Girder 4	48.55	0.95	1	1	4.821947
HS15_serv_inv	BOBJ1	36	94.18	Before	Interior Girder 5	48.55	0.95	1	1	4.89089
HS15_serv_inv	BOBJ1	36	94.18	Before	Interior Girder 6	48.55	0.95	1	1	5.29531
HS15_serv_inv	BOBJ1	36	94.18	Before	Right Exterior Girder	48.55	0.95	1	1	5.634067
HS15_serv_inv	BOBJ1	37	94.18	After	Left Exterior Girder	48.55	0.95	1	1	5.527517
HS15_serv_inv	BOBJ1	37	94.18	After	Interior Girder 1	48.55	0.95	1	1	5.344384
HS15_serv_inv	BOBJ1	37	94.18	After	Interior Girder 2	48.55	0.95	1	1	4.913024
HS15_serv_inv	BOBJ1	37	94.18	After	Interior Girder 3	48.55	0.95	1	1	4.783384
HS15_serv_inv	BOBJ1	37	94.18	After	Interior Girder 4	48.55	0.95	1	1	4.783384
HS15_serv_inv	BOBJ1	37	94.18	After	Interior Girder 5	48.55	0.95	1	1	4.913024
HS15_serv_inv	BOBJ1	37	94.18	After	Interior Girder 6	48.55	0.95	1	1	5.344384

TABLE: Bridge Super Rating AASHTORATE18 31 - SteelICompServ-Flx - Approach, Span 16-19										
Request	BridgeObj	BridgeCut	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	Unitless	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
HS15_serv_inv	BOBJ1	37	94.18	After	Right Exterior Girder	48.55	0.95	1	1	5.527517
HS15_serv_inv	BOBJ1	38	100.3567	Before	Left Exterior Girder	54.7267	0.95	1	1	8.565058
HS15_serv_inv	BOBJ1	38	100.3567	Before	Interior Girder 1	54.7267	0.95	1	1	8.372631
HS15_serv_inv	BOBJ1	38	100.3567	Before	Interior Girder 2	54.7267	0.95	1	1	7.577969
HS15_serv_inv	BOBJ1	38	100.3567	Before	Interior Girder 3	54.7267	0.95	1	1	7.380685
HS15_serv_inv	BOBJ1	38	100.3567	Before	Interior Girder 4	54.7267	0.95	1	1	7.380685
HS15_serv_inv	BOBJ1	38	100.3567	Before	Interior Girder 5	54.7267	0.95	1	1	7.577969
HS15_serv_inv	BOBJ1	38	100.3567	Before	Interior Girder 6	54.7267	0.95	1	1	8.372631
HS15_serv_inv	BOBJ1	38	100.3567	Before	Right Exterior Girder	54.7267	0.95	1	1	8.565058
HS15_serv_inv	BOBJ1	39	100.3567	After	Left Exterior Girder	54.7267	0.95	1	1	8.665389
HS15_serv_inv	BOBJ1	39	100.3567	After	Interior Girder 1	54.7267	0.95	1	1	8.353783
HS15_serv_inv	BOBJ1	39	100.3567	After	Interior Girder 2	54.7267	0.95	1	1	7.557877
HS15_serv_inv	BOBJ1	39	100.3567	After	Interior Girder 3	54.7267	0.95	1	1	7.16661
HS15_serv_inv	BOBJ1	39	100.3567	After	Interior Girder 4	54.7267	0.95	1	1	7.16661
HS15_serv_inv	BOBJ1	39	100.3567	After	Interior Girder 5	54.7267	0.95	1	1	7.557877
HS15_serv_inv	BOBJ1	39	100.3567	After	Interior Girder 6	54.7267	0.95	1	1	8.353783
HS15_serv_inv	BOBJ1	39	100.3567	After	Right Exterior Girder	54.7267	0.95	1	1	8.665389
HS15_serv_inv	BOBJ1	40	106.5333	Before	Left Exterior Girder	60.9033	0.95	1	1	5.942418
HS15_serv_inv	BOBJ1	40	106.5333	Before	Interior Girder 1	60.9033	0.95	1	1	6.148314
HS15_serv_inv	BOBJ1	40	106.5333	Before	Interior Girder 2	60.9033	0.95	1	1	5.762537
HS15_serv_inv	BOBJ1	40	106.5333	Before	Interior Girder 3	60.9033	0.95	1	1	5.451511
HS15_serv_inv	BOBJ1	40	106.5333	Before	Interior Girder 4	60.9033	0.95	1	1	5.451511
HS15_serv_inv	BOBJ1	40	106.5333	Before	Interior Girder 5	60.9033	0.95	1	1	5.762537
HS15_serv_inv	BOBJ1	40	106.5333	Before	Interior Girder 6	60.9033	0.95	1	1	6.148314
HS15_serv_inv	BOBJ1	40	106.5333	Before	Right Exterior Girder	60.9033	0.95	1	1	5.942418
HS15_serv_inv	BOBJ1	41	106.5333	After	Left Exterior Girder	60.9033	0.95	1	1	6.071837
HS15_serv_inv	BOBJ1	41	106.5333	After	Interior Girder 1	60.9033	0.95	1	1	6.006375
HS15_serv_inv	BOBJ1	41	106.5333	After	Interior Girder 2	60.9033	0.95	1	1	5.64945
HS15_serv_inv	BOBJ1	41	106.5333	After	Interior Girder 3	60.9033	0.95	1	1	5.339291
HS15_serv_inv	BOBJ1	41	106.5333	After	Interior Girder 4	60.9033	0.95	1	1	5.339291
HS15_serv_inv	BOBJ1	41	106.5333	After	Interior Girder 5	60.9033	0.95	1	1	5.64945
HS15_serv_inv	BOBJ1	41	106.5333	After	Interior Girder 6	60.9033	0.95	1	1	6.006375
HS15_serv_inv	BOBJ1	41	106.5333	After	Right Exterior Girder	60.9033	0.95	1	1	6.071837
HS15_serv_inv	BOBJ1	42	108.2102	Before	Left Exterior Girder	62.5802	0.95	1	1	5.265289
HS15_serv_inv	BOBJ1	42	108.2102	Before	Right Exterior Girder	62.5802	0.95	1	1	5.265289
HS15_serv_inv	BOBJ1	43	108.2102	After	Left Exterior Girder	62.5802	0.95	1	1	7.712326
HS15_serv_inv	BOBJ1	43	108.2102	After	Right Exterior Girder	62.5802	0.95	1	1	7.712326
HS15_serv_inv	BOBJ1	44	112.71	Before	Left Exterior Girder	67.08	0.95	1	1	3.948649
HS15_serv_inv	BOBJ1	44	112.71	Before	Interior Girder 1	67.08	0.95	1	1	2.773912
HS15_serv_inv	BOBJ1	44	112.71	Before	Interior Girder 2	67.08	0.95	1	1	2.696824
HS15_serv_inv	BOBJ1	44	112.71	Before	Interior Girder 3	67.08	0.95	1	1	2.296239
HS15_serv_inv	BOBJ1	44	112.71	Before	Interior Girder 4	67.08	0.95	1	1	2.296239
HS15_serv_inv	BOBJ1	44	112.71	Before	Interior Girder 5	67.08	0.95	1	1	2.696824
HS15_serv_inv	BOBJ1	44	112.71	Before	Interior Girder 6	67.08	0.95	1	1	2.773912
HS15_serv_inv	BOBJ1	44	112.71	Before	Right Exterior Girder	67.08	0.95	1	1	3.948649
HS15_serv_inv	BOBJ1	45	112.71	After	Left Exterior Girder	0	0.95	1	1	3.981188
HS15_serv_inv	BOBJ1	45	112.71	After	Interior Girder 1	0	0.95	1	1	3.029022
HS15_serv_inv	BOBJ1	45	112.71	After	Interior Girder 2	0	0.95	1	1	2.886936
HS15_serv_inv	BOBJ1	45	112.71	After	Interior Girder 3	0	0.95	1	1	2.432349
HS15_serv_inv	BOBJ1	45	112.71	After	Interior Girder 4	0	0.95	1	1	2.432349
HS15_serv_inv	BOBJ1	45	112.71	After	Interior Girder 5	0	0.95	1	1	2.886936
HS15_serv_inv	BOBJ1	45	112.71	After	Interior Girder 6	0	0.95	1	1	3.029022
HS15_serv_inv	BOBJ1	45	112.71	After	Right Exterior Girder	0	0.95	1	1	3.981188
HS15_serv_inv	BOBJ1	46	117.21	Before	Left Exterior Girder	4.5	0.95	1	1	5.317158
HS15_serv_inv	BOBJ1	46	117.21	Before	Right Exterior Girder	4.5	0.95	1	1	5.317158
HS15_serv_inv	BOBJ1	47	117.21	After	Left Exterior Girder	4.5	0.95	1	1	3.621233
HS15_serv_inv	BOBJ1	47	117.21	After	Right Exterior Girder	4.5	0.95	1	1	3.621233
HS15_serv_inv	BOBJ1	48	119.1	Before	Left Exterior Girder	6.39	0.95	1	1	4.206807
HS15_serv_inv	BOBJ1	48	119.1	Before	Interior Girder 1	6.39	0.95	1	1	4.45447
HS15_serv_inv	BOBJ1	48	119.1	Before	Interior Girder 2	6.39	0.95	1	1	4.365232
HS15_serv_inv	BOBJ1	48	119.1	Before	Interior Girder 3	6.39	0.95	1	1	4.228875
HS15_serv_inv	BOBJ1	48	119.1	Before	Interior Girder 4	6.39	0.95	1	1	4.228875
HS15_serv_inv	BOBJ1	48	119.1	Before	Interior Girder 5	6.39	0.95	1	1	4.365232
HS15_serv_inv	BOBJ1	48	119.1	Before	Interior Girder 6	6.39	0.95	1	1	4.45447
HS15_serv_inv	BOBJ1	48	119.1	Before	Right Exterior Girder	6.39	0.95	1	1	4.206807
HS15_serv_inv	BOBJ1	49	119.1	After	Left Exterior Girder	6.39	0.95	1	1	4.140026
HS15_serv_inv	BOBJ1	49	119.1	After	Interior Girder 1	6.39	0.95	1	1	4.528157
HS15_serv_inv	BOBJ1	49	119.1	After	Interior Girder 2	6.39	0.95	1	1	4.434834
HS15_serv_inv	BOBJ1	49	119.1	After	Interior Girder 3	6.39	0.95	1	1	4.263983
HS15_serv_inv	BOBJ1	49	119.1	After	Interior Girder 4	6.39	0.95	1	1	4.263983
HS15_serv_inv	BOBJ1	49	119.1	After	Interior Girder 5	6.39	0.95	1	1	4.434834
HS15_serv_inv	BOBJ1	49	119.1	After	Interior Girder 6	6.39	0.95	1	1	4.528157
HS15_serv_inv	BOBJ1	49	119.1	After	Right Exterior Girder	6.39	0.95	1	1	4.140026

TABLE: Bridge Super Rating AASHTORATE18 31 - SteelICompServ-Flx - Approach, Span 16-19										
Request	BridgeObj	BridgeCut	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	Unitless	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
HS15_serv_inv	BOBJ1	50	125.49	Before	Left Exterior Girder	12.78	0.95	1	1	6.122765
HS15_serv_inv	BOBJ1	50	125.49	Before	Interior Girder 1	12.78	0.95	1	1	6.056934
HS15_serv_inv	BOBJ1	50	125.49	Before	Interior Girder 2	12.78	0.95	1	1	6.084348
HS15_serv_inv	BOBJ1	50	125.49	Before	Interior Girder 3	12.78	0.95	1	1	6.154391
HS15_serv_inv	BOBJ1	50	125.49	Before	Interior Girder 4	12.78	0.95	1	1	6.154391
HS15_serv_inv	BOBJ1	50	125.49	Before	Interior Girder 5	12.78	0.95	1	1	6.084348
HS15_serv_inv	BOBJ1	50	125.49	Before	Interior Girder 6	12.78	0.95	1	1	6.056934
HS15_serv_inv	BOBJ1	50	125.49	Before	Right Exterior Girder	12.78	0.95	1	1	6.122765
HS15_serv_inv	BOBJ1	51	125.49	After	Left Exterior Girder	12.78	0.95	1	1	6.057976
HS15_serv_inv	BOBJ1	51	125.49	After	Interior Girder 1	12.78	0.95	1	1	6.12676
HS15_serv_inv	BOBJ1	51	125.49	After	Interior Girder 2	12.78	0.95	1	1	6.128381
HS15_serv_inv	BOBJ1	51	125.49	After	Interior Girder 3	12.78	0.95	1	1	6.170399
HS15_serv_inv	BOBJ1	51	125.49	After	Interior Girder 4	12.78	0.95	1	1	6.170399
HS15_serv_inv	BOBJ1	51	125.49	After	Interior Girder 5	12.78	0.95	1	1	6.128381
HS15_serv_inv	BOBJ1	51	125.49	After	Interior Girder 6	12.78	0.95	1	1	6.12676
HS15_serv_inv	BOBJ1	51	125.49	After	Right Exterior Girder	12.78	0.95	1	1	6.057976
HS15_serv_inv	BOBJ1	52	131.88	Before	Left Exterior Girder	19.17	0.95	1	1	5.956623
HS15_serv_inv	BOBJ1	52	131.88	Before	Interior Girder 1	19.17	0.95	1	1	5.750715
HS15_serv_inv	BOBJ1	52	131.88	Before	Interior Girder 2	19.17	0.95	1	1	5.235444
HS15_serv_inv	BOBJ1	52	131.88	Before	Interior Girder 3	19.17	0.95	1	1	5.044872
HS15_serv_inv	BOBJ1	52	131.88	Before	Interior Girder 4	19.17	0.95	1	1	5.044872
HS15_serv_inv	BOBJ1	52	131.88	Before	Interior Girder 5	19.17	0.95	1	1	5.235444
HS15_serv_inv	BOBJ1	52	131.88	Before	Interior Girder 6	19.17	0.95	1	1	5.750715
HS15_serv_inv	BOBJ1	52	131.88	Before	Right Exterior Girder	19.17	0.95	1	1	5.956623
HS15_serv_inv	BOBJ1	53	131.88	After	Left Exterior Girder	19.17	0.95	1	1	6.002701
HS15_serv_inv	BOBJ1	53	131.88	After	Interior Girder 1	19.17	0.95	1	1	5.729435
HS15_serv_inv	BOBJ1	53	131.88	After	Interior Girder 2	19.17	0.95	1	1	5.220901
HS15_serv_inv	BOBJ1	53	131.88	After	Interior Girder 3	19.17	0.95	1	1	5.07507
HS15_serv_inv	BOBJ1	53	131.88	After	Interior Girder 4	19.17	0.95	1	1	5.07507
HS15_serv_inv	BOBJ1	53	131.88	After	Interior Girder 5	19.17	0.95	1	1	5.220901
HS15_serv_inv	BOBJ1	53	131.88	After	Interior Girder 6	19.17	0.95	1	1	5.729435
HS15_serv_inv	BOBJ1	53	131.88	After	Right Exterior Girder	19.17	0.95	1	1	6.002701
HS15_serv_inv	BOBJ1	54	138.27	Before	Left Exterior Girder	25.56	0.95	1	1	5.353778
HS15_serv_inv	BOBJ1	54	138.27	Before	Interior Girder 1	25.56	0.95	1	1	4.489241
HS15_serv_inv	BOBJ1	54	138.27	Before	Interior Girder 2	25.56	0.95	1	1	4.237734
HS15_serv_inv	BOBJ1	54	138.27	Before	Interior Girder 3	25.56	0.95	1	1	4.034916
HS15_serv_inv	BOBJ1	54	138.27	Before	Interior Girder 4	25.56	0.95	1	1	4.034916
HS15_serv_inv	BOBJ1	54	138.27	Before	Interior Girder 5	25.56	0.95	1	1	4.237734
HS15_serv_inv	BOBJ1	54	138.27	Before	Interior Girder 6	25.56	0.95	1	1	4.489241
HS15_serv_inv	BOBJ1	54	138.27	Before	Right Exterior Girder	25.56	0.95	1	1	5.353778
HS15_serv_inv	BOBJ1	55	138.27	After	Left Exterior Girder	25.56	0.95	1	1	5.413477
HS15_serv_inv	BOBJ1	55	138.27	After	Interior Girder 1	25.56	0.95	1	1	4.463359
HS15_serv_inv	BOBJ1	55	138.27	After	Interior Girder 2	25.56	0.95	1	1	4.229649
HS15_serv_inv	BOBJ1	55	138.27	After	Interior Girder 3	25.56	0.95	1	1	4.049028
HS15_serv_inv	BOBJ1	55	138.27	After	Interior Girder 4	25.56	0.95	1	1	4.049028
HS15_serv_inv	BOBJ1	55	138.27	After	Interior Girder 5	25.56	0.95	1	1	4.229649
HS15_serv_inv	BOBJ1	55	138.27	After	Interior Girder 6	25.56	0.95	1	1	4.463359
HS15_serv_inv	BOBJ1	55	138.27	After	Right Exterior Girder	25.56	0.95	1	1	5.413477
HS15_serv_inv	BOBJ1	56	144.66	Before	Left Exterior Girder	31.95	0.95	1	1	5.524044
HS15_serv_inv	BOBJ1	56	144.66	Before	Interior Girder 1	31.95	0.95	1	1	4.508872
HS15_serv_inv	BOBJ1	56	144.66	Before	Interior Girder 2	31.95	0.95	1	1	4.275042
HS15_serv_inv	BOBJ1	56	144.66	Before	Interior Girder 3	31.95	0.95	1	1	4.093051
HS15_serv_inv	BOBJ1	56	144.66	Before	Interior Girder 4	31.95	0.95	1	1	4.093051
HS15_serv_inv	BOBJ1	56	144.66	Before	Interior Girder 5	31.95	0.95	1	1	4.275042
HS15_serv_inv	BOBJ1	56	144.66	Before	Interior Girder 6	31.95	0.95	1	1	4.508872
HS15_serv_inv	BOBJ1	56	144.66	Before	Right Exterior Girder	31.95	0.95	1	1	5.524044
HS15_serv_inv	BOBJ1	57	144.66	After	Left Exterior Girder	31.95	0.95	1	1	5.44831
HS15_serv_inv	BOBJ1	57	144.66	After	Interior Girder 1	31.95	0.95	1	1	4.543964
HS15_serv_inv	BOBJ1	57	144.66	After	Interior Girder 2	31.95	0.95	1	1	4.281717
HS15_serv_inv	BOBJ1	57	144.66	After	Interior Girder 3	31.95	0.95	1	1	4.071892
HS15_serv_inv	BOBJ1	57	144.66	After	Interior Girder 4	31.95	0.95	1	1	4.071892
HS15_serv_inv	BOBJ1	57	144.66	After	Interior Girder 5	31.95	0.95	1	1	4.281717
HS15_serv_inv	BOBJ1	57	144.66	After	Interior Girder 6	31.95	0.95	1	1	4.543964
HS15_serv_inv	BOBJ1	57	144.66	After	Right Exterior Girder	31.95	0.95	1	1	5.44831
HS15_serv_inv	BOBJ1	58	151.05	Before	Left Exterior Girder	38.34	0.95	1	1	6.392621
HS15_serv_inv	BOBJ1	58	151.05	Before	Interior Girder 1	38.34	0.95	1	1	5.920767
HS15_serv_inv	BOBJ1	58	151.05	Before	Interior Girder 2	38.34	0.95	1	1	5.374553
HS15_serv_inv	BOBJ1	58	151.05	Before	Interior Girder 3	38.34	0.95	1	1	5.214765
HS15_serv_inv	BOBJ1	58	151.05	Before	Interior Girder 4	38.34	0.95	1	1	5.214765
HS15_serv_inv	BOBJ1	58	151.05	Before	Interior Girder 5	38.34	0.95	1	1	5.374553
HS15_serv_inv	BOBJ1	58	151.05	Before	Interior Girder 6	38.34	0.95	1	1	5.920767
HS15_serv_inv	BOBJ1	58	151.05	Before	Right Exterior Girder	38.34	0.95	1	1	6.392621
HS15_serv_inv	BOBJ1	59	151.05	After	Left Exterior Girder	38.34	0.95	1	1	6.326436

TABLE: Bridge Super Rating AASHTORATE18 31 - SteelICompServ-Flx - Approach, Span 16-19										
Request	BridgeObj	BridgeCut	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	Unitless	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
HS15_serv_inv	BOBJ1	59	151.05	After	Interior Girder 1	38.34	0.95	1	1	5.957582
HS15_serv_inv	BOBJ1	59	151.05	After	Interior Girder 2	38.34	0.95	1	1	5.389152
HS15_serv_inv	BOBJ1	59	151.05	After	Interior Girder 3	38.34	0.95	1	1	5.175608
HS15_serv_inv	BOBJ1	59	151.05	After	Interior Girder 4	38.34	0.95	1	1	5.175608
HS15_serv_inv	BOBJ1	59	151.05	After	Interior Girder 5	38.34	0.95	1	1	5.389152
HS15_serv_inv	BOBJ1	59	151.05	After	Interior Girder 6	38.34	0.95	1	1	5.957582
HS15_serv_inv	BOBJ1	59	151.05	After	Right Exterior Girder	38.34	0.95	1	1	6.326436
HS15_serv_inv	BOBJ1	60	157.4367	Before	Left Exterior Girder	44.7267	0.95	1	1	6.219504
HS15_serv_inv	BOBJ1	60	157.4367	Before	Interior Girder 1	44.7267	0.95	1	1	6.512766
HS15_serv_inv	BOBJ1	60	157.4367	Before	Interior Girder 2	44.7267	0.95	1	1	6.348236
HS15_serv_inv	BOBJ1	60	157.4367	Before	Interior Girder 3	44.7267	0.95	1	1	6.374356
HS15_serv_inv	BOBJ1	60	157.4367	Before	Interior Girder 4	44.7267	0.95	1	1	6.374356
HS15_serv_inv	BOBJ1	60	157.4367	Before	Interior Girder 5	44.7267	0.95	1	1	6.348236
HS15_serv_inv	BOBJ1	60	157.4367	Before	Interior Girder 6	44.7267	0.95	1	1	6.512766
HS15_serv_inv	BOBJ1	60	157.4367	Before	Right Exterior Girder	44.7267	0.95	1	1	6.219504
HS15_serv_inv	BOBJ1	61	157.4367	After	Left Exterior Girder	44.7267	0.95	1	1	6.272981
HS15_serv_inv	BOBJ1	61	157.4367	After	Interior Girder 1	44.7267	0.95	1	1	6.461295
HS15_serv_inv	BOBJ1	61	157.4367	After	Interior Girder 2	44.7267	0.95	1	1	6.318825
HS15_serv_inv	BOBJ1	61	157.4367	After	Interior Girder 3	44.7267	0.95	1	1	6.364398
HS15_serv_inv	BOBJ1	61	157.4367	After	Interior Girder 4	44.7267	0.95	1	1	6.364398
HS15_serv_inv	BOBJ1	61	157.4367	After	Interior Girder 5	44.7267	0.95	1	1	6.318825
HS15_serv_inv	BOBJ1	61	157.4367	After	Interior Girder 6	44.7267	0.95	1	1	6.461295
HS15_serv_inv	BOBJ1	61	157.4367	After	Right Exterior Girder	44.7267	0.95	1	1	6.272981
HS15_serv_inv	BOBJ1	62	158.71	Before	Left Exterior Girder	46	0.95	1	1	5.810515
HS15_serv_inv	BOBJ1	62	158.71	Before	Interior Girder 1	46	0.95	1	1	6.137778
HS15_serv_inv	BOBJ1	62	158.71	Before	Interior Girder 2	46	0.95	1	1	5.936091
HS15_serv_inv	BOBJ1	62	158.71	Before	Interior Girder 3	46	0.95	1	1	5.905127
HS15_serv_inv	BOBJ1	62	158.71	Before	Interior Girder 4	46	0.95	1	1	5.905127
HS15_serv_inv	BOBJ1	62	158.71	Before	Interior Girder 5	46	0.95	1	1	5.936091
HS15_serv_inv	BOBJ1	62	158.71	Before	Interior Girder 6	46	0.95	1	1	6.137778
HS15_serv_inv	BOBJ1	62	158.71	Before	Right Exterior Girder	46	0.95	1	1	5.810515
HS15_serv_inv	BOBJ1	63	158.71	After	Left Exterior Girder	46	0.95	1	1	7.921265
HS15_serv_inv	BOBJ1	63	158.71	After	Interior Girder 1	46	0.95	1	1	7.680823
HS15_serv_inv	BOBJ1	63	158.71	After	Interior Girder 2	46	0.95	1	1	7.400328
HS15_serv_inv	BOBJ1	63	158.71	After	Interior Girder 3	46	0.95	1	1	7.401574
HS15_serv_inv	BOBJ1	63	158.71	After	Interior Girder 4	46	0.95	1	1	7.401574
HS15_serv_inv	BOBJ1	63	158.71	After	Interior Girder 5	46	0.95	1	1	7.400328
HS15_serv_inv	BOBJ1	63	158.71	After	Interior Girder 6	46	0.95	1	1	7.680823
HS15_serv_inv	BOBJ1	63	158.71	After	Right Exterior Girder	46	0.95	1	1	7.921265
HS15_serv_inv	BOBJ1	64	163.8233	Before	Left Exterior Girder	51.1133	0.95	1	1	6.009699
HS15_serv_inv	BOBJ1	64	163.8233	Before	Interior Girder 1	51.1133	0.95	1	1	6.188946
HS15_serv_inv	BOBJ1	64	163.8233	Before	Interior Girder 2	51.1133	0.95	1	1	5.859831
HS15_serv_inv	BOBJ1	64	163.8233	Before	Interior Girder 3	51.1133	0.95	1	1	5.555619
HS15_serv_inv	BOBJ1	64	163.8233	Before	Interior Girder 4	51.1133	0.95	1	1	5.555619
HS15_serv_inv	BOBJ1	64	163.8233	Before	Interior Girder 5	51.1133	0.95	1	1	5.859831
HS15_serv_inv	BOBJ1	64	163.8233	Before	Interior Girder 6	51.1133	0.95	1	1	6.188946
HS15_serv_inv	BOBJ1	64	163.8233	Before	Right Exterior Girder	51.1133	0.95	1	1	6.009699
HS15_serv_inv	BOBJ1	65	163.8233	After	Left Exterior Girder	51.1133	0.95	1	1	6.102686
HS15_serv_inv	BOBJ1	65	163.8233	After	Interior Girder 1	51.1133	0.95	1	1	6.045641
HS15_serv_inv	BOBJ1	65	163.8233	After	Interior Girder 2	51.1133	0.95	1	1	5.746118
HS15_serv_inv	BOBJ1	65	163.8233	After	Interior Girder 3	51.1133	0.95	1	1	5.449992
HS15_serv_inv	BOBJ1	65	163.8233	After	Interior Girder 4	51.1133	0.95	1	1	5.449992
HS15_serv_inv	BOBJ1	65	163.8233	After	Interior Girder 5	51.1133	0.95	1	1	5.746118
HS15_serv_inv	BOBJ1	65	163.8233	After	Interior Girder 6	51.1133	0.95	1	1	6.045641
HS15_serv_inv	BOBJ1	65	163.8233	After	Right Exterior Girder	51.1133	0.95	1	1	6.102686
HS15_serv_inv	BOBJ1	66	164.71	Before	Left Exterior Girder	52	0.95	1	1	5.780334
HS15_serv_inv	BOBJ1	66	164.71	Before	Right Exterior Girder	52	0.95	1	1	5.780334
HS15_serv_inv	BOBJ1	67	164.71	After	Left Exterior Girder	52	0.95	1	1	8.715554
HS15_serv_inv	BOBJ1	67	164.71	After	Right Exterior Girder	52	0.95	1	1	8.715554
HS15_serv_inv	BOBJ1	68	170.21	Before	Left Exterior Girder	57.5	0.95	1	1	6.605228
HS15_serv_inv	BOBJ1	68	170.21	Before	Interior Girder 1	57.5	0.95	1	1	4.060932
HS15_serv_inv	BOBJ1	68	170.21	Before	Interior Girder 2	57.5	0.95	1	1	3.783318
HS15_serv_inv	BOBJ1	68	170.21	Before	Interior Girder 3	57.5	0.95	1	1	3.123471
HS15_serv_inv	BOBJ1	68	170.21	Before	Interior Girder 4	57.5	0.95	1	1	3.123471
HS15_serv_inv	BOBJ1	68	170.21	Before	Interior Girder 5	57.5	0.95	1	1	3.783318
HS15_serv_inv	BOBJ1	68	170.21	Before	Interior Girder 6	57.5	0.95	1	1	4.060932
HS15_serv_inv	BOBJ1	68	170.21	Before	Right Exterior Girder	57.5	0.95	1	1	6.605228
HS15_serv_inv	BOBJ1	69	170.21	After	Left Exterior Girder	0	0.95	1	1	6.642637
HS15_serv_inv	BOBJ1	69	170.21	After	Interior Girder 1	0	0.95	1	1	3.947135
HS15_serv_inv	BOBJ1	69	170.21	After	Interior Girder 2	0	0.95	1	1	3.708461
HS15_serv_inv	BOBJ1	69	170.21	After	Interior Girder 3	0	0.95	1	1	3.106905
HS15_serv_inv	BOBJ1	69	170.21	After	Interior Girder 4	0	0.95	1	1	3.106905
HS15_serv_inv	BOBJ1	69	170.21	After	Interior Girder 5	0	0.95	1	1	3.708461

TABLE: Bridge Super Rating AASHTORATE18 31 - SteelICompServ-Flx - Approach, Span 16-19										
Request	BridgeObj	BridgeCut	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	Unitless	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
HS15_serv_inv	BOBJ1	69	170.21	After	Interior Girder 6	0	0.95	1	1	3.947135
HS15_serv_inv	BOBJ1	69	170.21	After	Right Exterior Girder	0	0.95	1	1	6.642637
HS15_serv_inv	BOBJ1	70	176.21	Before	Left Exterior Girder	6	0.95	1	1	10.180132
HS15_serv_inv	BOBJ1	70	176.21	Before	Right Exterior Girder	6	0.95	1	1	10.180132
HS15_serv_inv	BOBJ1	71	176.21	After	Left Exterior Girder	6	0.95	1	1	6.857223
HS15_serv_inv	BOBJ1	71	176.21	After	Right Exterior Girder	6	0.95	1	1	6.857223
HS15_serv_inv	BOBJ1	72	176.6	Before	Left Exterior Girder	6.39	0.95	1	1	7.022946
HS15_serv_inv	BOBJ1	72	176.6	Before	Interior Girder 1	6.39	0.95	1	1	6.712522
HS15_serv_inv	BOBJ1	72	176.6	Before	Interior Girder 2	6.39	0.95	1	1	6.279707
HS15_serv_inv	BOBJ1	72	176.6	Before	Interior Girder 3	6.39	0.95	1	1	5.960137
HS15_serv_inv	BOBJ1	72	176.6	Before	Interior Girder 4	6.39	0.95	1	1	5.960137
HS15_serv_inv	BOBJ1	72	176.6	Before	Interior Girder 5	6.39	0.95	1	1	6.279707
HS15_serv_inv	BOBJ1	72	176.6	Before	Interior Girder 6	6.39	0.95	1	1	6.712522
HS15_serv_inv	BOBJ1	72	176.6	Before	Right Exterior Girder	6.39	0.95	1	1	7.022946
HS15_serv_inv	BOBJ1	73	176.6	After	Left Exterior Girder	6.39	0.95	1	1	6.8737
HS15_serv_inv	BOBJ1	73	176.6	After	Interior Girder 1	6.39	0.95	1	1	6.877887
HS15_serv_inv	BOBJ1	73	176.6	After	Interior Girder 2	6.39	0.95	1	1	6.416903
HS15_serv_inv	BOBJ1	73	176.6	After	Interior Girder 3	6.39	0.95	1	1	6.081945
HS15_serv_inv	BOBJ1	73	176.6	After	Interior Girder 4	6.39	0.95	1	1	6.081945
HS15_serv_inv	BOBJ1	73	176.6	After	Interior Girder 5	6.39	0.95	1	1	6.416903
HS15_serv_inv	BOBJ1	73	176.6	After	Interior Girder 6	6.39	0.95	1	1	6.877887
HS15_serv_inv	BOBJ1	73	176.6	After	Right Exterior Girder	6.39	0.95	1	1	6.8737
HS15_serv_inv	BOBJ1	74	182.99	Before	Left Exterior Girder	12.78	0.95	1	1	9.51172
HS15_serv_inv	BOBJ1	74	182.99	Before	Interior Girder 1	12.78	0.95	1	1	8.608969
HS15_serv_inv	BOBJ1	74	182.99	Before	Interior Girder 2	12.78	0.95	1	1	7.834557
HS15_serv_inv	BOBJ1	74	182.99	Before	Interior Girder 3	12.78	0.95	1	1	7.592156
HS15_serv_inv	BOBJ1	74	182.99	Before	Interior Girder 4	12.78	0.95	1	1	7.592156
HS15_serv_inv	BOBJ1	74	182.99	Before	Interior Girder 5	12.78	0.95	1	1	7.834557
HS15_serv_inv	BOBJ1	74	182.99	Before	Interior Girder 6	12.78	0.95	1	1	8.608969
HS15_serv_inv	BOBJ1	74	182.99	Before	Right Exterior Girder	12.78	0.95	1	1	9.51172
HS15_serv_inv	BOBJ1	75	182.99	After	Left Exterior Girder	12.78	0.95	1	1	9.439866
HS15_serv_inv	BOBJ1	75	182.99	After	Interior Girder 1	12.78	0.95	1	1	8.648599
HS15_serv_inv	BOBJ1	75	182.99	After	Interior Girder 2	12.78	0.95	1	1	7.889876
HS15_serv_inv	BOBJ1	75	182.99	After	Interior Girder 3	12.78	0.95	1	1	7.843545
HS15_serv_inv	BOBJ1	75	182.99	After	Interior Girder 4	12.78	0.95	1	1	7.843545
HS15_serv_inv	BOBJ1	75	182.99	After	Interior Girder 5	12.78	0.95	1	1	7.889876
HS15_serv_inv	BOBJ1	75	182.99	After	Interior Girder 6	12.78	0.95	1	1	8.648599
HS15_serv_inv	BOBJ1	75	182.99	After	Right Exterior Girder	12.78	0.95	1	1	9.439866
HS15_serv_inv	BOBJ1	76	189.38	Before	Left Exterior Girder	19.17	0.95	1	1	6.163541
HS15_serv_inv	BOBJ1	76	189.38	Before	Interior Girder 1	19.17	0.95	1	1	5.667426
HS15_serv_inv	BOBJ1	76	189.38	Before	Interior Girder 2	19.17	0.95	1	1	5.193644
HS15_serv_inv	BOBJ1	76	189.38	Before	Interior Girder 3	19.17	0.95	1	1	5.060432
HS15_serv_inv	BOBJ1	76	189.38	Before	Interior Girder 4	19.17	0.95	1	1	5.060432
HS15_serv_inv	BOBJ1	76	189.38	Before	Interior Girder 5	19.17	0.95	1	1	5.193644
HS15_serv_inv	BOBJ1	76	189.38	Before	Interior Girder 6	19.17	0.95	1	1	5.667426
HS15_serv_inv	BOBJ1	76	189.38	Before	Right Exterior Girder	19.17	0.95	1	1	6.163541
HS15_serv_inv	BOBJ1	77	189.38	After	Left Exterior Girder	19.17	0.95	1	1	6.248673
HS15_serv_inv	BOBJ1	77	189.38	After	Interior Girder 1	19.17	0.95	1	1	5.62067
HS15_serv_inv	BOBJ1	77	189.38	After	Interior Girder 2	19.17	0.95	1	1	5.180075
HS15_serv_inv	BOBJ1	77	189.38	After	Interior Girder 3	19.17	0.95	1	1	5.102952
HS15_serv_inv	BOBJ1	77	189.38	After	Interior Girder 4	19.17	0.95	1	1	5.102952
HS15_serv_inv	BOBJ1	77	189.38	After	Interior Girder 5	19.17	0.95	1	1	5.180075
HS15_serv_inv	BOBJ1	77	189.38	After	Interior Girder 6	19.17	0.95	1	1	5.62067
HS15_serv_inv	BOBJ1	77	189.38	After	Right Exterior Girder	19.17	0.95	1	1	6.248673
HS15_serv_inv	BOBJ1	78	195.77	Before	Left Exterior Girder	25.56	0.95	1	1	4.798435
HS15_serv_inv	BOBJ1	78	195.77	Before	Interior Girder 1	25.56	0.95	1	1	3.971974
HS15_serv_inv	BOBJ1	78	195.77	Before	Interior Girder 2	25.56	0.95	1	1	3.805716
HS15_serv_inv	BOBJ1	78	195.77	Before	Interior Girder 3	25.56	0.95	1	1	3.68465
HS15_serv_inv	BOBJ1	78	195.77	Before	Interior Girder 4	25.56	0.95	1	1	3.68465
HS15_serv_inv	BOBJ1	78	195.77	Before	Interior Girder 5	25.56	0.95	1	1	3.805716
HS15_serv_inv	BOBJ1	78	195.77	Before	Interior Girder 6	25.56	0.95	1	1	3.971974
HS15_serv_inv	BOBJ1	78	195.77	Before	Right Exterior Girder	25.56	0.95	1	1	4.798435
HS15_serv_inv	BOBJ1	79	195.77	After	Left Exterior Girder	25.56	0.95	1	1	4.878437
HS15_serv_inv	BOBJ1	79	195.77	After	Interior Girder 1	25.56	0.95	1	1	3.932248
HS15_serv_inv	BOBJ1	79	195.77	After	Interior Girder 2	25.56	0.95	1	1	3.798673
HS15_serv_inv	BOBJ1	79	195.77	After	Interior Girder 3	25.56	0.95	1	1	3.707429
HS15_serv_inv	BOBJ1	79	195.77	After	Interior Girder 4	25.56	0.95	1	1	3.707429
HS15_serv_inv	BOBJ1	79	195.77	After	Interior Girder 5	25.56	0.95	1	1	3.798673
HS15_serv_inv	BOBJ1	79	195.77	After	Interior Girder 6	25.56	0.95	1	1	3.932248
HS15_serv_inv	BOBJ1	79	195.77	After	Right Exterior Girder	25.56	0.95	1	1	4.878437
HS15_serv_inv	BOBJ1	80	202.16	Before	Left Exterior Girder	31.95	0.95	1	1	4.309092
HS15_serv_inv	BOBJ1	80	202.16	Before	Interior Girder 1	31.95	0.95	1	1	3.574776
HS15_serv_inv	BOBJ1	80	202.16	Before	Interior Girder 2	31.95	0.95	1	1	3.452916

TABLE: Bridge Super Rating AASHTORATE18 31 - SteelICompServ-Flx - Approach, Span 16-19										
Request	BridgeObj	BridgeCut	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	Unitless	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
HS15_serv_inv	BOBJ1	80	202.16	Before	Interior Girder 3	31.95	0.95	1	1	3.374473
HS15_serv_inv	BOBJ1	80	202.16	Before	Interior Girder 4	31.95	0.95	1	1	3.374473
HS15_serv_inv	BOBJ1	80	202.16	Before	Interior Girder 5	31.95	0.95	1	1	3.452916
HS15_serv_inv	BOBJ1	80	202.16	Before	Interior Girder 6	31.95	0.95	1	1	3.574776
HS15_serv_inv	BOBJ1	80	202.16	Before	Right Exterior Girder	31.95	0.95	1	1	4.309092
HS15_serv_inv	BOBJ1	81	202.16	After	Left Exterior Girder	31.95	0.95	1	1	4.277791
HS15_serv_inv	BOBJ1	81	202.16	After	Interior Girder 1	31.95	0.95	1	1	3.586132
HS15_serv_inv	BOBJ1	81	202.16	After	Interior Girder 2	31.95	0.95	1	1	3.463183
HS15_serv_inv	BOBJ1	81	202.16	After	Interior Girder 3	31.95	0.95	1	1	3.377268
HS15_serv_inv	BOBJ1	81	202.16	After	Interior Girder 4	31.95	0.95	1	1	3.377268
HS15_serv_inv	BOBJ1	81	202.16	After	Interior Girder 5	31.95	0.95	1	1	3.463183
HS15_serv_inv	BOBJ1	81	202.16	After	Interior Girder 6	31.95	0.95	1	1	3.586132
HS15_serv_inv	BOBJ1	81	202.16	After	Right Exterior Girder	31.95	0.95	1	1	4.277791
HS15_serv_inv	BOBJ1	82	208.55	Before	Left Exterior Girder	38.34	0.95	1	1	4.15448
HS15_serv_inv	BOBJ1	82	208.55	Before	Interior Girder 1	38.34	0.95	1	1	3.870014
HS15_serv_inv	BOBJ1	82	208.55	Before	Interior Girder 2	38.34	0.95	1	1	3.70739
HS15_serv_inv	BOBJ1	82	208.55	Before	Interior Girder 3	38.34	0.95	1	1	3.66988
HS15_serv_inv	BOBJ1	82	208.55	Before	Interior Girder 4	38.34	0.95	1	1	3.66988
HS15_serv_inv	BOBJ1	82	208.55	Before	Interior Girder 5	38.34	0.95	1	1	3.70739
HS15_serv_inv	BOBJ1	82	208.55	Before	Interior Girder 6	38.34	0.95	1	1	3.870014
HS15_serv_inv	BOBJ1	82	208.55	Before	Right Exterior Girder	38.34	0.95	1	1	4.15448
HS15_serv_inv	BOBJ1	83	208.55	After	Left Exterior Girder	38.34	0.95	1	1	4.120293
HS15_serv_inv	BOBJ1	83	208.55	After	Interior Girder 1	38.34	0.95	1	1	3.886842
HS15_serv_inv	BOBJ1	83	208.55	After	Interior Girder 2	38.34	0.95	1	1	3.705071
HS15_serv_inv	BOBJ1	83	208.55	After	Interior Girder 3	38.34	0.95	1	1	3.654922
HS15_serv_inv	BOBJ1	83	208.55	After	Interior Girder 4	38.34	0.95	1	1	3.654922
HS15_serv_inv	BOBJ1	83	208.55	After	Interior Girder 5	38.34	0.95	1	1	3.705071
HS15_serv_inv	BOBJ1	83	208.55	After	Interior Girder 6	38.34	0.95	1	1	3.886842
HS15_serv_inv	BOBJ1	83	208.55	After	Right Exterior Girder	38.34	0.95	1	1	4.120293
HS15_serv_inv	BOBJ1	84	215.1233	Before	Left Exterior Girder	44.9133	0.95	1	1	5.561925
HS15_serv_inv	BOBJ1	84	215.1233	Before	Interior Girder 1	44.9133	0.95	1	1	4.391105
HS15_serv_inv	BOBJ1	84	215.1233	Before	Interior Girder 2	44.9133	0.95	1	1	4.218764
HS15_serv_inv	BOBJ1	84	215.1233	Before	Interior Girder 3	44.9133	0.95	1	1	4.105708
HS15_serv_inv	BOBJ1	84	215.1233	Before	Interior Girder 4	44.9133	0.95	1	1	4.105708
HS15_serv_inv	BOBJ1	84	215.1233	Before	Interior Girder 5	44.9133	0.95	1	1	4.218764
HS15_serv_inv	BOBJ1	84	215.1233	Before	Interior Girder 6	44.9133	0.95	1	1	4.391105
HS15_serv_inv	BOBJ1	84	215.1233	Before	Right Exterior Girder	44.9133	0.95	1	1	5.561925
HS15_serv_inv	BOBJ1	85	215.1233	After	Left Exterior Girder	44.9133	0.95	1	1	5.534835
HS15_serv_inv	BOBJ1	85	215.1233	After	Interior Girder 1	44.9133	0.95	1	1	4.395354
HS15_serv_inv	BOBJ1	85	215.1233	After	Interior Girder 2	44.9133	0.95	1	1	4.151137
HS15_serv_inv	BOBJ1	85	215.1233	After	Interior Girder 3	44.9133	0.95	1	1	4.011645
HS15_serv_inv	BOBJ1	85	215.1233	After	Interior Girder 4	44.9133	0.95	1	1	4.011645
HS15_serv_inv	BOBJ1	85	215.1233	After	Interior Girder 5	44.9133	0.95	1	1	4.151137
HS15_serv_inv	BOBJ1	85	215.1233	After	Interior Girder 6	44.9133	0.95	1	1	4.395354
HS15_serv_inv	BOBJ1	85	215.1233	After	Right Exterior Girder	44.9133	0.95	1	1	5.534835
HS15_serv_inv	BOBJ1	86	221.6967	Before	Left Exterior Girder	51.4867	0.95	1	1	10.799562
HS15_serv_inv	BOBJ1	86	221.6967	Before	Interior Girder 1	51.4867	0.95	1	1	7.032385
HS15_serv_inv	BOBJ1	86	221.6967	Before	Interior Girder 2	51.4867	0.95	1	1	6.741235
HS15_serv_inv	BOBJ1	86	221.6967	Before	Interior Girder 3	51.4867	0.95	1	1	6.139075
HS15_serv_inv	BOBJ1	86	221.6967	Before	Interior Girder 4	51.4867	0.95	1	1	6.139075
HS15_serv_inv	BOBJ1	86	221.6967	Before	Interior Girder 5	51.4867	0.95	1	1	6.741235
HS15_serv_inv	BOBJ1	86	221.6967	Before	Interior Girder 6	51.4867	0.95	1	1	7.032385
HS15_serv_inv	BOBJ1	86	221.6967	Before	Right Exterior Girder	51.4867	0.95	1	1	10.799562
HS15_serv_inv	BOBJ1	87	221.6967	After	Left Exterior Girder	51.4867	0.95	1	1	10.709115
HS15_serv_inv	BOBJ1	87	221.6967	After	Interior Girder 1	51.4867	0.95	1	1	7.069034
HS15_serv_inv	BOBJ1	87	221.6967	After	Interior Girder 2	51.4867	0.95	1	1	6.641371
HS15_serv_inv	BOBJ1	87	221.6967	After	Interior Girder 3	51.4867	0.95	1	1	5.905489
HS15_serv_inv	BOBJ1	87	221.6967	After	Interior Girder 4	51.4867	0.95	1	1	5.905489
HS15_serv_inv	BOBJ1	87	221.6967	After	Interior Girder 5	51.4867	0.95	1	1	6.641371
HS15_serv_inv	BOBJ1	87	221.6967	After	Interior Girder 6	51.4867	0.95	1	1	7.069034
HS15_serv_inv	BOBJ1	87	221.6967	After	Right Exterior Girder	51.4867	0.95	1	1	10.709115
HS15_serv_inv	BOBJ1	88	228.27	Before	Left Exterior Girder	58.06	0.95	1	1	603.24176
HS15_serv_inv	BOBJ1	88	228.27	Before	Interior Girder 1	58.06	0.95	1	1	629.797029
HS15_serv_inv	BOBJ1	88	228.27	Before	Interior Girder 2	58.06	0.95	1	1	325.491524
HS15_serv_inv	BOBJ1	88	228.27	Before	Interior Girder 3	58.06	0.95	1	1	235.598876
HS15_serv_inv	BOBJ1	88	228.27	Before	Interior Girder 4	58.06	0.95	1	1	235.598875
HS15_serv_inv	BOBJ1	88	228.27	Before	Interior Girder 5	58.06	0.95	1	1	325.491524
HS15_serv_inv	BOBJ1	88	228.27	Before	Interior Girder 6	58.06	0.95	1	1	629.797029
HS15_serv_inv	BOBJ1	88	228.27	Before	Right Exterior Girder	58.06	0.95	1	1	603.24176
Lane_serv_opr	BOBJ1	1	0	After	Left Exterior Girder	0	0.95	1	1	3880.231218
Lane_serv_opr	BOBJ1	1	0	After	Interior Girder 1	0	0.95	1	1	2582.334052
Lane_serv_opr	BOBJ1	1	0	After	Interior Girder 2	0	0.95	1	1	2312.657179
Lane_serv_opr	BOBJ1	1	0	After	Interior Girder 3	0	0.95	1	1	1977.169156

TABLE: Bridge Super Rating AASHTORATE18 31 - SteelICompServ-Flx - Approach, Span 16-19										
Request	BridgeObj	BridgeCut	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	Unitless	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Lane_serv_opr	BOBJ1	1	0	After	Interior Girder 4	0	0.95	1	1	1977.169161
Lane_serv_opr	BOBJ1	1	0	After	Interior Girder 5	0	0.95	1	1	2312.65721
Lane_serv_opr	BOBJ1	1	0	After	Interior Girder 6	0	0.95	1	1	2582.334052
Lane_serv_opr	BOBJ1	1	0	After	Right Exterior Girder	0	0.95	1	1	3880.231217
Lane_serv_opr	BOBJ1	2	5.3833	Before	Left Exterior Girder	5.3833	0.95	1	1	73.039946
Lane_serv_opr	BOBJ1	2	5.3833	Before	Interior Girder 1	5.3833	0.95	1	1	45.047283
Lane_serv_opr	BOBJ1	2	5.3833	Before	Interior Girder 2	5.3833	0.95	1	1	45.541395
Lane_serv_opr	BOBJ1	2	5.3833	Before	Interior Girder 3	5.3833	0.95	1	1	43.580746
Lane_serv_opr	BOBJ1	2	5.3833	Before	Interior Girder 4	5.3833	0.95	1	1	43.580746
Lane_serv_opr	BOBJ1	2	5.3833	Before	Interior Girder 5	5.3833	0.95	1	1	45.541395
Lane_serv_opr	BOBJ1	2	5.3833	Before	Interior Girder 6	5.3833	0.95	1	1	45.047283
Lane_serv_opr	BOBJ1	2	5.3833	Before	Right Exterior Girder	5.3833	0.95	1	1	73.039946
Lane_serv_opr	BOBJ1	3	5.3833	After	Left Exterior Girder	5.3833	0.95	1	1	72.458766
Lane_serv_opr	BOBJ1	3	5.3833	After	Interior Girder 1	5.3833	0.95	1	1	45.079139
Lane_serv_opr	BOBJ1	3	5.3833	After	Interior Girder 2	5.3833	0.95	1	1	46.072896
Lane_serv_opr	BOBJ1	3	5.3833	After	Interior Girder 3	5.3833	0.95	1	1	44.772832
Lane_serv_opr	BOBJ1	3	5.3833	After	Interior Girder 4	5.3833	0.95	1	1	44.772832
Lane_serv_opr	BOBJ1	3	5.3833	After	Interior Girder 5	5.3833	0.95	1	1	46.072896
Lane_serv_opr	BOBJ1	3	5.3833	After	Interior Girder 6	5.3833	0.95	1	1	45.079139
Lane_serv_opr	BOBJ1	3	5.3833	After	Right Exterior Girder	5.3833	0.95	1	1	72.458766
Lane_serv_opr	BOBJ1	4	10.7667	Before	Left Exterior Girder	10.7667	0.95	1	1	36.808646
Lane_serv_opr	BOBJ1	4	10.7667	Before	Interior Girder 1	10.7667	0.95	1	1	26.550493
Lane_serv_opr	BOBJ1	4	10.7667	Before	Interior Girder 2	10.7667	0.95	1	1	26.076766
Lane_serv_opr	BOBJ1	4	10.7667	Before	Interior Girder 3	10.7667	0.95	1	1	25.436014
Lane_serv_opr	BOBJ1	4	10.7667	Before	Interior Girder 4	10.7667	0.95	1	1	25.436014
Lane_serv_opr	BOBJ1	4	10.7667	Before	Interior Girder 5	10.7667	0.95	1	1	26.076766
Lane_serv_opr	BOBJ1	4	10.7667	Before	Interior Girder 6	10.7667	0.95	1	1	26.550493
Lane_serv_opr	BOBJ1	4	10.7667	Before	Right Exterior Girder	10.7667	0.95	1	1	36.808646
Lane_serv_opr	BOBJ1	5	10.7667	After	Left Exterior Girder	10.7667	0.95	1	1	36.248524
Lane_serv_opr	BOBJ1	5	10.7667	After	Interior Girder 1	10.7667	0.95	1	1	26.657274
Lane_serv_opr	BOBJ1	5	10.7667	After	Interior Girder 2	10.7667	0.95	1	1	26.362168
Lane_serv_opr	BOBJ1	5	10.7667	After	Interior Girder 3	10.7667	0.95	1	1	25.911662
Lane_serv_opr	BOBJ1	5	10.7667	After	Interior Girder 4	10.7667	0.95	1	1	25.911662
Lane_serv_opr	BOBJ1	5	10.7667	After	Interior Girder 5	10.7667	0.95	1	1	26.362168
Lane_serv_opr	BOBJ1	5	10.7667	After	Interior Girder 6	10.7667	0.95	1	1	26.657274
Lane_serv_opr	BOBJ1	5	10.7667	After	Right Exterior Girder	10.7667	0.95	1	1	36.248524
Lane_serv_opr	BOBJ1	6	16.15	Before	Left Exterior Girder	16.15	0.95	1	1	26.086434
Lane_serv_opr	BOBJ1	6	16.15	Before	Interior Girder 1	16.15	0.95	1	1	22.44934
Lane_serv_opr	BOBJ1	6	16.15	Before	Interior Girder 2	16.15	0.95	1	1	21.191273
Lane_serv_opr	BOBJ1	6	16.15	Before	Interior Girder 3	16.15	0.95	1	1	21.017356
Lane_serv_opr	BOBJ1	6	16.15	Before	Interior Girder 4	16.15	0.95	1	1	21.017356
Lane_serv_opr	BOBJ1	6	16.15	Before	Interior Girder 5	16.15	0.95	1	1	21.191273
Lane_serv_opr	BOBJ1	6	16.15	Before	Interior Girder 6	16.15	0.95	1	1	22.44934
Lane_serv_opr	BOBJ1	6	16.15	Before	Right Exterior Girder	16.15	0.95	1	1	26.086434
Lane_serv_opr	BOBJ1	7	16.15	After	Left Exterior Girder	16.15	0.95	1	1	26.179707
Lane_serv_opr	BOBJ1	7	16.15	After	Interior Girder 1	16.15	0.95	1	1	22.350194
Lane_serv_opr	BOBJ1	7	16.15	After	Interior Girder 2	16.15	0.95	1	1	21.23769
Lane_serv_opr	BOBJ1	7	16.15	After	Interior Girder 3	16.15	0.95	1	1	21.158291
Lane_serv_opr	BOBJ1	7	16.15	After	Interior Girder 4	16.15	0.95	1	1	21.158291
Lane_serv_opr	BOBJ1	7	16.15	After	Interior Girder 5	16.15	0.95	1	1	21.23769
Lane_serv_opr	BOBJ1	7	16.15	After	Interior Girder 6	16.15	0.95	1	1	22.350194
Lane_serv_opr	BOBJ1	7	16.15	After	Right Exterior Girder	16.15	0.95	1	1	26.179707
Lane_serv_opr	BOBJ1	8	22.1267	Before	Left Exterior Girder	22.1267	0.95	1	1	27.279514
Lane_serv_opr	BOBJ1	8	22.1267	Before	Interior Girder 1	22.1267	0.95	1	1	20.723789
Lane_serv_opr	BOBJ1	8	22.1267	Before	Interior Girder 2	22.1267	0.95	1	1	20.310564
Lane_serv_opr	BOBJ1	8	22.1267	Before	Interior Girder 3	22.1267	0.95	1	1	20.153829
Lane_serv_opr	BOBJ1	8	22.1267	Before	Interior Girder 4	22.1267	0.95	1	1	20.153829
Lane_serv_opr	BOBJ1	8	22.1267	Before	Interior Girder 5	22.1267	0.95	1	1	20.310564
Lane_serv_opr	BOBJ1	8	22.1267	Before	Interior Girder 6	22.1267	0.95	1	1	20.723789
Lane_serv_opr	BOBJ1	8	22.1267	Before	Right Exterior Girder	22.1267	0.95	1	1	27.279514
Lane_serv_opr	BOBJ1	9	22.1267	After	Left Exterior Girder	22.1267	0.95	1	1	27.635112
Lane_serv_opr	BOBJ1	9	22.1267	After	Interior Girder 1	22.1267	0.95	1	1	20.569606
Lane_serv_opr	BOBJ1	9	22.1267	After	Interior Girder 2	22.1267	0.95	1	1	20.243132
Lane_serv_opr	BOBJ1	9	22.1267	After	Interior Girder 3	22.1267	0.95	1	1	20.07777
Lane_serv_opr	BOBJ1	9	22.1267	After	Interior Girder 4	22.1267	0.95	1	1	20.07777
Lane_serv_opr	BOBJ1	9	22.1267	After	Interior Girder 5	22.1267	0.95	1	1	20.243132
Lane_serv_opr	BOBJ1	9	22.1267	After	Interior Girder 6	22.1267	0.95	1	1	20.569606
Lane_serv_opr	BOBJ1	9	22.1267	After	Right Exterior Girder	22.1267	0.95	1	1	27.635112
Lane_serv_opr	BOBJ1	10	28.1033	Before	Left Exterior Girder	28.1033	0.95	1	1	26.399371
Lane_serv_opr	BOBJ1	10	28.1033	Before	Interior Girder 1	28.1033	0.95	1	1	24.409116
Lane_serv_opr	BOBJ1	10	28.1033	Before	Interior Girder 2	28.1033	0.95	1	1	23.968677
Lane_serv_opr	BOBJ1	10	28.1033	Before	Interior Girder 3	28.1033	0.95	1	1	24.101718
Lane_serv_opr	BOBJ1	10	28.1033	Before	Interior Girder 4	28.1033	0.95	1	1	24.101718

TABLE: Bridge Super Rating AASHTORATE18 31 - SteelICompServ-Flx - Approach, Span 16-19										
Request	BridgeObj	BridgeCut	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	Unitless	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Lane_serv_opr	BOBJ1	10	28.1033	Before	Interior Girder 5	28.1033	0.95	1	1	23.968677
Lane_serv_opr	BOBJ1	10	28.1033	Before	Interior Girder 6	28.1033	0.95	1	1	24.409116
Lane_serv_opr	BOBJ1	10	28.1033	Before	Right Exterior Girder	28.1033	0.95	1	1	26.399371
Lane_serv_opr	BOBJ1	11	28.1033	After	Left Exterior Girder	28.1033	0.95	1	1	26.779423
Lane_serv_opr	BOBJ1	11	28.1033	After	Interior Girder 1	28.1033	0.95	1	1	24.079463
Lane_serv_opr	BOBJ1	11	28.1033	After	Interior Girder 2	28.1033	0.95	1	1	23.883472
Lane_serv_opr	BOBJ1	11	28.1033	After	Interior Girder 3	28.1033	0.95	1	1	23.953533
Lane_serv_opr	BOBJ1	11	28.1033	After	Interior Girder 4	28.1033	0.95	1	1	23.953533
Lane_serv_opr	BOBJ1	11	28.1033	After	Interior Girder 5	28.1033	0.95	1	1	23.883472
Lane_serv_opr	BOBJ1	11	28.1033	After	Interior Girder 6	28.1033	0.95	1	1	24.079463
Lane_serv_opr	BOBJ1	11	28.1033	After	Right Exterior Girder	28.1033	0.95	1	1	26.779423
Lane_serv_opr	BOBJ1	12	34.08	Before	Left Exterior Girder	34.08	0.95	1	1	19.306805
Lane_serv_opr	BOBJ1	12	34.08	Before	Interior Girder 1	34.08	0.95	1	1	18.317334
Lane_serv_opr	BOBJ1	12	34.08	Before	Interior Girder 2	34.08	0.95	1	1	17.783634
Lane_serv_opr	BOBJ1	12	34.08	Before	Interior Girder 3	34.08	0.95	1	1	19.198191
Lane_serv_opr	BOBJ1	12	34.08	Before	Interior Girder 4	34.08	0.95	1	1	19.198191
Lane_serv_opr	BOBJ1	12	34.08	Before	Interior Girder 5	34.08	0.95	1	1	17.783634
Lane_serv_opr	BOBJ1	12	34.08	Before	Interior Girder 6	34.08	0.95	1	1	18.317334
Lane_serv_opr	BOBJ1	12	34.08	Before	Right Exterior Girder	34.08	0.95	1	1	19.306805
Lane_serv_opr	BOBJ1	13	34.08	After	Left Exterior Girder	34.08	0.95	1	1	19.535181
Lane_serv_opr	BOBJ1	13	34.08	After	Interior Girder 1	34.08	0.95	1	1	18.14538
Lane_serv_opr	BOBJ1	13	34.08	After	Interior Girder 2	34.08	0.95	1	1	17.692748
Lane_serv_opr	BOBJ1	13	34.08	After	Interior Girder 3	34.08	0.95	1	1	19.255509
Lane_serv_opr	BOBJ1	13	34.08	After	Interior Girder 4	34.08	0.95	1	1	19.255509
Lane_serv_opr	BOBJ1	13	34.08	After	Interior Girder 5	34.08	0.95	1	1	17.692748
Lane_serv_opr	BOBJ1	13	34.08	After	Interior Girder 6	34.08	0.95	1	1	18.14538
Lane_serv_opr	BOBJ1	13	34.08	After	Right Exterior Girder	34.08	0.95	1	1	19.535181
Lane_serv_opr	BOBJ1	14	39.855	Before	Left Exterior Girder	39.855	0.95	1	1	12.829118
Lane_serv_opr	BOBJ1	14	39.855	Before	Interior Girder 1	39.855	0.95	1	1	12.607494
Lane_serv_opr	BOBJ1	14	39.855	Before	Interior Girder 2	39.855	0.95	1	1	12.330156
Lane_serv_opr	BOBJ1	14	39.855	Before	Interior Girder 3	39.855	0.95	1	1	11.990337
Lane_serv_opr	BOBJ1	14	39.855	Before	Interior Girder 4	39.855	0.95	1	1	11.990337
Lane_serv_opr	BOBJ1	14	39.855	Before	Interior Girder 5	39.855	0.95	1	1	12.330156
Lane_serv_opr	BOBJ1	14	39.855	Before	Interior Girder 6	39.855	0.95	1	1	12.607494
Lane_serv_opr	BOBJ1	14	39.855	Before	Right Exterior Girder	39.855	0.95	1	1	12.829118
Lane_serv_opr	BOBJ1	15	39.855	After	Left Exterior Girder	39.855	0.95	1	1	13.124665
Lane_serv_opr	BOBJ1	15	39.855	After	Interior Girder 1	39.855	0.95	1	1	12.496878
Lane_serv_opr	BOBJ1	15	39.855	After	Interior Girder 2	39.855	0.95	1	1	12.379049
Lane_serv_opr	BOBJ1	15	39.855	After	Interior Girder 3	39.855	0.95	1	1	12.093669
Lane_serv_opr	BOBJ1	15	39.855	After	Interior Girder 4	39.855	0.95	1	1	12.093669
Lane_serv_opr	BOBJ1	15	39.855	After	Interior Girder 5	39.855	0.95	1	1	12.379049
Lane_serv_opr	BOBJ1	15	39.855	After	Interior Girder 6	39.855	0.95	1	1	12.496878
Lane_serv_opr	BOBJ1	15	39.855	After	Right Exterior Girder	39.855	0.95	1	1	13.124665
Lane_serv_opr	BOBJ1	16	40.0288	Before	Left Exterior Girder	40.0288	0.95	1	1	12.809428
Lane_serv_opr	BOBJ1	16	40.0288	Before	Right Exterior Girder	40.0288	0.95	1	1	12.809428
Lane_serv_opr	BOBJ1	17	40.0288	After	Left Exterior Girder	40.0288	0.95	1	1	18.542272
Lane_serv_opr	BOBJ1	17	40.0288	After	Right Exterior Girder	40.0288	0.95	1	1	18.542272
Lane_serv_opr	BOBJ1	18	45.63	Before	Left Exterior Girder	45.63	0.95	1	1	10.165956
Lane_serv_opr	BOBJ1	18	45.63	Before	Interior Girder 1	45.63	0.95	1	1	6.587446
Lane_serv_opr	BOBJ1	18	45.63	Before	Interior Girder 2	45.63	0.95	1	1	6.713709
Lane_serv_opr	BOBJ1	18	45.63	Before	Interior Girder 3	45.63	0.95	1	1	5.671453
Lane_serv_opr	BOBJ1	18	45.63	Before	Interior Girder 4	45.63	0.95	1	1	5.671453
Lane_serv_opr	BOBJ1	18	45.63	Before	Interior Girder 5	45.63	0.95	1	1	6.713709
Lane_serv_opr	BOBJ1	18	45.63	Before	Interior Girder 6	45.63	0.95	1	1	6.587446
Lane_serv_opr	BOBJ1	18	45.63	Before	Right Exterior Girder	45.63	0.95	1	1	10.165956
Lane_serv_opr	BOBJ1	19	45.63	After	Left Exterior Girder	0	0.95	1	1	10.030442
Lane_serv_opr	BOBJ1	19	45.63	After	Interior Girder 1	0	0.95	1	1	6.541336
Lane_serv_opr	BOBJ1	19	45.63	After	Interior Girder 2	0	0.95	1	1	6.673907
Lane_serv_opr	BOBJ1	19	45.63	After	Interior Girder 3	0	0.95	1	1	5.57497
Lane_serv_opr	BOBJ1	19	45.63	After	Interior Girder 4	0	0.95	1	1	5.57497
Lane_serv_opr	BOBJ1	19	45.63	After	Interior Girder 5	0	0.95	1	1	6.673907
Lane_serv_opr	BOBJ1	19	45.63	After	Interior Girder 6	0	0.95	1	1	6.541336
Lane_serv_opr	BOBJ1	19	45.63	After	Right Exterior Girder	0	0.95	1	1	10.030442
Lane_serv_opr	BOBJ1	20	50.6298	Before	Left Exterior Girder	4.9998	0.95	1	1	21.870781
Lane_serv_opr	BOBJ1	20	50.6298	Before	Right Exterior Girder	4.9998	0.95	1	1	21.870781
Lane_serv_opr	BOBJ1	21	50.6298	After	Left Exterior Girder	4.9998	0.95	1	1	14.600222
Lane_serv_opr	BOBJ1	21	50.6298	After	Right Exterior Girder	4.9998	0.95	1	1	14.600222
Lane_serv_opr	BOBJ1	22	51.4	Before	Left Exterior Girder	5.77	0.95	1	1	17.83639
Lane_serv_opr	BOBJ1	22	51.4	Before	Interior Girder 1	5.77	0.95	1	1	14.826081
Lane_serv_opr	BOBJ1	22	51.4	Before	Interior Girder 2	5.77	0.95	1	1	14.711474
Lane_serv_opr	BOBJ1	22	51.4	Before	Interior Girder 3	5.77	0.95	1	1	13.830789
Lane_serv_opr	BOBJ1	22	51.4	Before	Interior Girder 4	5.77	0.95	1	1	13.830789
Lane_serv_opr	BOBJ1	22	51.4	Before	Interior Girder 5	5.77	0.95	1	1	14.711474

TABLE: Bridge Super Rating AASHTORATE18 31 - SteelICompServ-Flx - Approach, Span 16-19										
Request	BridgeObj	BridgeCut	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	Unitless	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Lane_serv_opr	BOBJ1	22	51.4	Before	Interior Girder 6	5.77	0.95	1	1	14.826081
Lane_serv_opr	BOBJ1	22	51.4	Before	Right Exterior Girder	5.77	0.95	1	1	17.83639
Lane_serv_opr	BOBJ1	23	51.4	After	Left Exterior Girder	5.77	0.95	1	1	17.337755
Lane_serv_opr	BOBJ1	23	51.4	After	Interior Girder 1	5.77	0.95	1	1	15.15812
Lane_serv_opr	BOBJ1	23	51.4	After	Interior Girder 2	5.77	0.95	1	1	14.74176
Lane_serv_opr	BOBJ1	23	51.4	After	Interior Girder 3	5.77	0.95	1	1	13.681326
Lane_serv_opr	BOBJ1	23	51.4	After	Interior Girder 4	5.77	0.95	1	1	13.681326
Lane_serv_opr	BOBJ1	23	51.4	After	Interior Girder 5	5.77	0.95	1	1	14.74176
Lane_serv_opr	BOBJ1	23	51.4	After	Interior Girder 6	5.77	0.95	1	1	15.15812
Lane_serv_opr	BOBJ1	23	51.4	After	Right Exterior Girder	5.77	0.95	1	1	17.337755
Lane_serv_opr	BOBJ1	24	57.17	Before	Left Exterior Girder	11.54	0.95	1	1	46.326035
Lane_serv_opr	BOBJ1	24	57.17	Before	Interior Girder 1	11.54	0.95	1	1	32.764836
Lane_serv_opr	BOBJ1	24	57.17	Before	Interior Girder 2	11.54	0.95	1	1	30.61904
Lane_serv_opr	BOBJ1	24	57.17	Before	Interior Girder 3	11.54	0.95	1	1	32.852878
Lane_serv_opr	BOBJ1	24	57.17	Before	Interior Girder 4	11.54	0.95	1	1	32.852878
Lane_serv_opr	BOBJ1	24	57.17	Before	Interior Girder 5	11.54	0.95	1	1	30.61904
Lane_serv_opr	BOBJ1	24	57.17	Before	Interior Girder 6	11.54	0.95	1	1	32.764836
Lane_serv_opr	BOBJ1	24	57.17	Before	Right Exterior Girder	11.54	0.95	1	1	46.326035
Lane_serv_opr	BOBJ1	25	57.17	After	Left Exterior Girder	11.54	0.95	1	1	44.411091
Lane_serv_opr	BOBJ1	25	57.17	After	Interior Girder 1	11.54	0.95	1	1	33.522261
Lane_serv_opr	BOBJ1	25	57.17	After	Interior Girder 2	11.54	0.95	1	1	30.716738
Lane_serv_opr	BOBJ1	25	57.17	After	Interior Girder 3	11.54	0.95	1	1	32.26606
Lane_serv_opr	BOBJ1	25	57.17	After	Interior Girder 4	11.54	0.95	1	1	32.26606
Lane_serv_opr	BOBJ1	25	57.17	After	Interior Girder 5	11.54	0.95	1	1	30.716738
Lane_serv_opr	BOBJ1	25	57.17	After	Interior Girder 6	11.54	0.95	1	1	33.522261
Lane_serv_opr	BOBJ1	25	57.17	After	Right Exterior Girder	11.54	0.95	1	1	44.411091
Lane_serv_opr	BOBJ1	26	63.34	Before	Left Exterior Girder	17.71	0.95	1	1	31.485981
Lane_serv_opr	BOBJ1	26	63.34	Before	Interior Girder 1	17.71	0.95	1	1	25.834328
Lane_serv_opr	BOBJ1	26	63.34	Before	Interior Girder 2	17.71	0.95	1	1	25.15522
Lane_serv_opr	BOBJ1	26	63.34	Before	Interior Girder 3	17.71	0.95	1	1	25.038083
Lane_serv_opr	BOBJ1	26	63.34	Before	Interior Girder 4	17.71	0.95	1	1	25.038083
Lane_serv_opr	BOBJ1	26	63.34	Before	Interior Girder 5	17.71	0.95	1	1	25.15522
Lane_serv_opr	BOBJ1	26	63.34	Before	Interior Girder 6	17.71	0.95	1	1	25.834328
Lane_serv_opr	BOBJ1	26	63.34	Before	Right Exterior Girder	17.71	0.95	1	1	31.485981
Lane_serv_opr	BOBJ1	27	63.34	After	Left Exterior Girder	17.71	0.95	1	1	32.599132
Lane_serv_opr	BOBJ1	27	63.34	After	Interior Girder 1	17.71	0.95	1	1	25.278112
Lane_serv_opr	BOBJ1	27	63.34	After	Interior Girder 2	17.71	0.95	1	1	25.045313
Lane_serv_opr	BOBJ1	27	63.34	After	Interior Girder 3	17.71	0.95	1	1	25.482572
Lane_serv_opr	BOBJ1	27	63.34	After	Interior Girder 4	17.71	0.95	1	1	25.482572
Lane_serv_opr	BOBJ1	27	63.34	After	Interior Girder 5	17.71	0.95	1	1	25.045313
Lane_serv_opr	BOBJ1	27	63.34	After	Interior Girder 6	17.71	0.95	1	1	25.278112
Lane_serv_opr	BOBJ1	27	63.34	After	Right Exterior Girder	17.71	0.95	1	1	32.599132
Lane_serv_opr	BOBJ1	28	69.51	Before	Left Exterior Girder	23.88	0.95	1	1	18.519905
Lane_serv_opr	BOBJ1	28	69.51	Before	Interior Girder 1	23.88	0.95	1	1	16.429972
Lane_serv_opr	BOBJ1	28	69.51	Before	Interior Girder 2	23.88	0.95	1	1	16.205112
Lane_serv_opr	BOBJ1	28	69.51	Before	Interior Girder 3	23.88	0.95	1	1	16.463566
Lane_serv_opr	BOBJ1	28	69.51	Before	Interior Girder 4	23.88	0.95	1	1	16.463566
Lane_serv_opr	BOBJ1	28	69.51	Before	Interior Girder 5	23.88	0.95	1	1	16.205112
Lane_serv_opr	BOBJ1	28	69.51	Before	Interior Girder 6	23.88	0.95	1	1	16.429972
Lane_serv_opr	BOBJ1	28	69.51	Before	Right Exterior Girder	23.88	0.95	1	1	18.519905
Lane_serv_opr	BOBJ1	29	69.51	After	Left Exterior Girder	23.88	0.95	1	1	18.553524
Lane_serv_opr	BOBJ1	29	69.51	After	Interior Girder 1	23.88	0.95	1	1	16.419923
Lane_serv_opr	BOBJ1	29	69.51	After	Interior Girder 2	23.88	0.95	1	1	16.301854
Lane_serv_opr	BOBJ1	29	69.51	After	Interior Girder 3	23.88	0.95	1	1	16.733982
Lane_serv_opr	BOBJ1	29	69.51	After	Interior Girder 4	23.88	0.95	1	1	16.733982
Lane_serv_opr	BOBJ1	29	69.51	After	Interior Girder 5	23.88	0.95	1	1	16.301854
Lane_serv_opr	BOBJ1	29	69.51	After	Interior Girder 6	23.88	0.95	1	1	16.419923
Lane_serv_opr	BOBJ1	29	69.51	After	Right Exterior Girder	23.88	0.95	1	1	18.553524
Lane_serv_opr	BOBJ1	30	75.68	Before	Left Exterior Girder	30.05	0.95	1	1	13.515239
Lane_serv_opr	BOBJ1	30	75.68	Before	Interior Girder 1	30.05	0.95	1	1	13.910069
Lane_serv_opr	BOBJ1	30	75.68	Before	Interior Girder 2	30.05	0.95	1	1	13.645804
Lane_serv_opr	BOBJ1	30	75.68	Before	Interior Girder 3	30.05	0.95	1	1	13.933689
Lane_serv_opr	BOBJ1	30	75.68	Before	Interior Girder 4	30.05	0.95	1	1	13.933689
Lane_serv_opr	BOBJ1	30	75.68	Before	Interior Girder 5	30.05	0.95	1	1	13.645804
Lane_serv_opr	BOBJ1	30	75.68	Before	Interior Girder 6	30.05	0.95	1	1	13.910069
Lane_serv_opr	BOBJ1	30	75.68	Before	Right Exterior Girder	30.05	0.95	1	1	13.515239
Lane_serv_opr	BOBJ1	31	75.68	After	Left Exterior Girder	30.05	0.95	1	1	13.603989
Lane_serv_opr	BOBJ1	31	75.68	After	Interior Girder 1	30.05	0.95	1	1	13.843196
Lane_serv_opr	BOBJ1	31	75.68	After	Interior Girder 2	30.05	0.95	1	1	13.643873
Lane_serv_opr	BOBJ1	31	75.68	After	Interior Girder 3	30.05	0.95	1	1	13.942414
Lane_serv_opr	BOBJ1	31	75.68	After	Interior Girder 4	30.05	0.95	1	1	13.942414
Lane_serv_opr	BOBJ1	31	75.68	After	Interior Girder 5	30.05	0.95	1	1	13.643873
Lane_serv_opr	BOBJ1	31	75.68	After	Interior Girder 6	30.05	0.95	1	1	13.843196

TABLE: Bridge Super Rating AASHTORATE18 31 - SteelICompServ-Flx - Approach, Span 16-19										
Request	BridgeObj	BridgeCut	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	Unitless	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Lane_serv_opr	BOBJ1	31	75.68	After	Right Exterior Girder	30.05	0.95	1	1	13.603989
Lane_serv_opr	BOBJ1	32	81.8467	Before	Left Exterior Girder	36.2167	0.95	1	1	13.999359
Lane_serv_opr	BOBJ1	32	81.8467	Before	Interior Girder 1	36.2167	0.95	1	1	13.001365
Lane_serv_opr	BOBJ1	32	81.8467	Before	Interior Girder 2	36.2167	0.95	1	1	12.955345
Lane_serv_opr	BOBJ1	32	81.8467	Before	Interior Girder 3	36.2167	0.95	1	1	13.345232
Lane_serv_opr	BOBJ1	32	81.8467	Before	Interior Girder 4	36.2167	0.95	1	1	13.345232
Lane_serv_opr	BOBJ1	32	81.8467	Before	Interior Girder 5	36.2167	0.95	1	1	12.955345
Lane_serv_opr	BOBJ1	32	81.8467	Before	Interior Girder 6	36.2167	0.95	1	1	13.001365
Lane_serv_opr	BOBJ1	32	81.8467	Before	Right Exterior Girder	36.2167	0.95	1	1	13.999359
Lane_serv_opr	BOBJ1	33	81.8467	After	Left Exterior Girder	36.2167	0.95	1	1	14.112947
Lane_serv_opr	BOBJ1	33	81.8467	After	Interior Girder 1	36.2167	0.95	1	1	12.928223
Lane_serv_opr	BOBJ1	33	81.8467	After	Interior Girder 2	36.2167	0.95	1	1	12.894338
Lane_serv_opr	BOBJ1	33	81.8467	After	Interior Girder 3	36.2167	0.95	1	1	13.24629
Lane_serv_opr	BOBJ1	33	81.8467	After	Interior Girder 4	36.2167	0.95	1	1	13.24629
Lane_serv_opr	BOBJ1	33	81.8467	After	Interior Girder 5	36.2167	0.95	1	1	12.894338
Lane_serv_opr	BOBJ1	33	81.8467	After	Interior Girder 6	36.2167	0.95	1	1	12.928223
Lane_serv_opr	BOBJ1	33	81.8467	After	Right Exterior Girder	36.2167	0.95	1	1	14.112947
Lane_serv_opr	BOBJ1	34	88.0133	Before	Left Exterior Girder	42.3833	0.95	1	1	16.617794
Lane_serv_opr	BOBJ1	34	88.0133	Before	Interior Girder 1	42.3833	0.95	1	1	14.765421
Lane_serv_opr	BOBJ1	34	88.0133	Before	Interior Girder 2	42.3833	0.95	1	1	14.731332
Lane_serv_opr	BOBJ1	34	88.0133	Before	Interior Girder 3	42.3833	0.95	1	1	15.149794
Lane_serv_opr	BOBJ1	34	88.0133	Before	Interior Girder 4	42.3833	0.95	1	1	15.149794
Lane_serv_opr	BOBJ1	34	88.0133	Before	Interior Girder 5	42.3833	0.95	1	1	14.731332
Lane_serv_opr	BOBJ1	34	88.0133	Before	Interior Girder 6	42.3833	0.95	1	1	14.765421
Lane_serv_opr	BOBJ1	34	88.0133	Before	Right Exterior Girder	42.3833	0.95	1	1	16.617794
Lane_serv_opr	BOBJ1	35	88.0133	After	Left Exterior Girder	42.3833	0.95	1	1	16.292689
Lane_serv_opr	BOBJ1	35	88.0133	After	Interior Girder 1	42.3833	0.95	1	1	14.963881
Lane_serv_opr	BOBJ1	35	88.0133	After	Interior Girder 2	42.3833	0.95	1	1	14.801667
Lane_serv_opr	BOBJ1	35	88.0133	After	Interior Girder 3	42.3833	0.95	1	1	15.081261
Lane_serv_opr	BOBJ1	35	88.0133	After	Interior Girder 4	42.3833	0.95	1	1	15.081261
Lane_serv_opr	BOBJ1	35	88.0133	After	Interior Girder 5	42.3833	0.95	1	1	14.801667
Lane_serv_opr	BOBJ1	35	88.0133	After	Interior Girder 6	42.3833	0.95	1	1	14.963881
Lane_serv_opr	BOBJ1	35	88.0133	After	Right Exterior Girder	42.3833	0.95	1	1	16.292689
Lane_serv_opr	BOBJ1	36	94.18	Before	Left Exterior Girder	48.55	0.95	1	1	22.096303
Lane_serv_opr	BOBJ1	36	94.18	Before	Interior Girder 1	48.55	0.95	1	1	21.915172
Lane_serv_opr	BOBJ1	36	94.18	Before	Interior Girder 2	48.55	0.95	1	1	21.196817
Lane_serv_opr	BOBJ1	36	94.18	Before	Interior Girder 3	48.55	0.95	1	1	21.549657
Lane_serv_opr	BOBJ1	36	94.18	Before	Interior Girder 4	48.55	0.95	1	1	21.549657
Lane_serv_opr	BOBJ1	36	94.18	Before	Interior Girder 5	48.55	0.95	1	1	21.196817
Lane_serv_opr	BOBJ1	36	94.18	Before	Interior Girder 6	48.55	0.95	1	1	21.915172
Lane_serv_opr	BOBJ1	36	94.18	Before	Right Exterior Girder	48.55	0.95	1	1	22.096303
Lane_serv_opr	BOBJ1	37	94.18	After	Left Exterior Girder	48.55	0.95	1	1	21.73356
Lane_serv_opr	BOBJ1	37	94.18	After	Interior Girder 1	48.55	0.95	1	1	22.270488
Lane_serv_opr	BOBJ1	37	94.18	After	Interior Girder 2	48.55	0.95	1	1	21.200531
Lane_serv_opr	BOBJ1	37	94.18	After	Interior Girder 3	48.55	0.95	1	1	21.429316
Lane_serv_opr	BOBJ1	37	94.18	After	Interior Girder 4	48.55	0.95	1	1	21.429316
Lane_serv_opr	BOBJ1	37	94.18	After	Interior Girder 5	48.55	0.95	1	1	21.200531
Lane_serv_opr	BOBJ1	37	94.18	After	Interior Girder 6	48.55	0.95	1	1	22.270488
Lane_serv_opr	BOBJ1	37	94.18	After	Right Exterior Girder	48.55	0.95	1	1	21.73356
Lane_serv_opr	BOBJ1	38	100.3567	Before	Left Exterior Girder	54.7267	0.95	1	1	35.216701
Lane_serv_opr	BOBJ1	38	100.3567	Before	Interior Girder 1	54.7267	0.95	1	1	29.713726
Lane_serv_opr	BOBJ1	38	100.3567	Before	Interior Girder 2	54.7267	0.95	1	1	27.314814
Lane_serv_opr	BOBJ1	38	100.3567	Before	Interior Girder 3	54.7267	0.95	1	1	27.865183
Lane_serv_opr	BOBJ1	38	100.3567	Before	Interior Girder 4	54.7267	0.95	1	1	27.865183
Lane_serv_opr	BOBJ1	38	100.3567	Before	Interior Girder 5	54.7267	0.95	1	1	27.314814
Lane_serv_opr	BOBJ1	38	100.3567	Before	Interior Girder 6	54.7267	0.95	1	1	29.713726
Lane_serv_opr	BOBJ1	38	100.3567	Before	Right Exterior Girder	54.7267	0.95	1	1	35.216701
Lane_serv_opr	BOBJ1	39	100.3567	After	Left Exterior Girder	54.7267	0.95	1	1	36.357699
Lane_serv_opr	BOBJ1	39	100.3567	After	Interior Girder 1	54.7267	0.95	1	1	29.219841
Lane_serv_opr	BOBJ1	39	100.3567	After	Interior Girder 2	54.7267	0.95	1	1	27.381185
Lane_serv_opr	BOBJ1	39	100.3567	After	Interior Girder 3	54.7267	0.95	1	1	28.267663
Lane_serv_opr	BOBJ1	39	100.3567	After	Interior Girder 4	54.7267	0.95	1	1	28.267663
Lane_serv_opr	BOBJ1	39	100.3567	After	Interior Girder 5	54.7267	0.95	1	1	27.381185
Lane_serv_opr	BOBJ1	39	100.3567	After	Interior Girder 6	54.7267	0.95	1	1	29.219841
Lane_serv_opr	BOBJ1	39	100.3567	After	Right Exterior Girder	54.7267	0.95	1	1	36.357699
Lane_serv_opr	BOBJ1	40	106.5333	Before	Left Exterior Girder	60.9033	0.95	1	1	16.34307
Lane_serv_opr	BOBJ1	40	106.5333	Before	Interior Girder 1	60.9033	0.95	1	1	14.767366
Lane_serv_opr	BOBJ1	40	106.5333	Before	Interior Girder 2	60.9033	0.95	1	1	14.080789
Lane_serv_opr	BOBJ1	40	106.5333	Before	Interior Girder 3	60.9033	0.95	1	1	13.1559
Lane_serv_opr	BOBJ1	40	106.5333	Before	Interior Girder 4	60.9033	0.95	1	1	13.1559
Lane_serv_opr	BOBJ1	40	106.5333	Before	Interior Girder 5	60.9033	0.95	1	1	14.080789
Lane_serv_opr	BOBJ1	40	106.5333	Before	Interior Girder 6	60.9033	0.95	1	1	14.767366
Lane_serv_opr	BOBJ1	40	106.5333	Before	Right Exterior Girder	60.9033	0.95	1	1	16.34307

TABLE: Bridge Super Rating AASHTORATE18 31 - SteelICompServ-Flx - Approach, Span 16-19										
Request	BridgeObj	BridgeCut	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	Unitless	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Lane_serv_opr	BOBJ1	41	106.5333	After	Left Exterior Girder	60.9033	0.95	1	1	16.873683
Lane_serv_opr	BOBJ1	41	106.5333	After	Interior Girder 1	60.9033	0.95	1	1	14.367096
Lane_serv_opr	BOBJ1	41	106.5333	After	Interior Girder 2	60.9033	0.95	1	1	14.031195
Lane_serv_opr	BOBJ1	41	106.5333	After	Interior Girder 3	60.9033	0.95	1	1	13.279157
Lane_serv_opr	BOBJ1	41	106.5333	After	Interior Girder 4	60.9033	0.95	1	1	13.279157
Lane_serv_opr	BOBJ1	41	106.5333	After	Interior Girder 5	60.9033	0.95	1	1	14.031195
Lane_serv_opr	BOBJ1	41	106.5333	After	Interior Girder 6	60.9033	0.95	1	1	14.367096
Lane_serv_opr	BOBJ1	41	106.5333	After	Right Exterior Girder	60.9033	0.95	1	1	16.873683
Lane_serv_opr	BOBJ1	42	108.2102	Before	Left Exterior Girder	62.5802	0.95	1	1	12.309682
Lane_serv_opr	BOBJ1	42	108.2102	Before	Right Exterior Girder	62.5802	0.95	1	1	12.309682
Lane_serv_opr	BOBJ1	43	108.2102	After	Left Exterior Girder	62.5802	0.95	1	1	18.43542
Lane_serv_opr	BOBJ1	43	108.2102	After	Right Exterior Girder	62.5802	0.95	1	1	18.43542
Lane_serv_opr	BOBJ1	44	112.71	Before	Left Exterior Girder	67.08	0.95	1	1	9.998164
Lane_serv_opr	BOBJ1	44	112.71	Before	Interior Girder 1	67.08	0.95	1	1	6.183963
Lane_serv_opr	BOBJ1	44	112.71	Before	Interior Girder 2	67.08	0.95	1	1	6.247499
Lane_serv_opr	BOBJ1	44	112.71	Before	Interior Girder 3	67.08	0.95	1	1	5.430201
Lane_serv_opr	BOBJ1	44	112.71	Before	Interior Girder 4	67.08	0.95	1	1	5.430201
Lane_serv_opr	BOBJ1	44	112.71	Before	Interior Girder 5	67.08	0.95	1	1	6.247499
Lane_serv_opr	BOBJ1	44	112.71	Before	Interior Girder 6	67.08	0.95	1	1	6.183963
Lane_serv_opr	BOBJ1	44	112.71	Before	Right Exterior Girder	67.08	0.95	1	1	9.998164
Lane_serv_opr	BOBJ1	45	112.71	After	Left Exterior Girder	0	0.95	1	1	10.195598
Lane_serv_opr	BOBJ1	45	112.71	After	Interior Girder 1	0	0.95	1	1	6.211732
Lane_serv_opr	BOBJ1	45	112.71	After	Interior Girder 2	0	0.95	1	1	6.256601
Lane_serv_opr	BOBJ1	45	112.71	After	Interior Girder 3	0	0.95	1	1	5.480216
Lane_serv_opr	BOBJ1	45	112.71	After	Interior Girder 4	0	0.95	1	1	5.480216
Lane_serv_opr	BOBJ1	45	112.71	After	Interior Girder 5	0	0.95	1	1	6.256601
Lane_serv_opr	BOBJ1	45	112.71	After	Interior Girder 6	0	0.95	1	1	6.211732
Lane_serv_opr	BOBJ1	45	112.71	After	Right Exterior Girder	0	0.95	1	1	10.195598
Lane_serv_opr	BOBJ1	46	117.21	Before	Left Exterior Girder	4.5	0.95	1	1	17.014295
Lane_serv_opr	BOBJ1	46	117.21	Before	Right Exterior Girder	4.5	0.95	1	1	17.014295
Lane_serv_opr	BOBJ1	47	117.21	After	Left Exterior Girder	4.5	0.95	1	1	11.390745
Lane_serv_opr	BOBJ1	47	117.21	After	Right Exterior Girder	4.5	0.95	1	1	11.390745
Lane_serv_opr	BOBJ1	48	119.1	Before	Left Exterior Girder	6.39	0.95	1	1	14.667852
Lane_serv_opr	BOBJ1	48	119.1	Before	Interior Girder 1	6.39	0.95	1	1	13.024439
Lane_serv_opr	BOBJ1	48	119.1	Before	Interior Girder 2	6.39	0.95	1	1	12.845707
Lane_serv_opr	BOBJ1	48	119.1	Before	Interior Girder 3	6.39	0.95	1	1	12.462194
Lane_serv_opr	BOBJ1	48	119.1	Before	Interior Girder 4	6.39	0.95	1	1	12.462194
Lane_serv_opr	BOBJ1	48	119.1	Before	Interior Girder 5	6.39	0.95	1	1	12.845707
Lane_serv_opr	BOBJ1	48	119.1	Before	Interior Girder 6	6.39	0.95	1	1	13.024439
Lane_serv_opr	BOBJ1	48	119.1	Before	Right Exterior Girder	6.39	0.95	1	1	14.667852
Lane_serv_opr	BOBJ1	49	119.1	After	Left Exterior Girder	6.39	0.95	1	1	14.237607
Lane_serv_opr	BOBJ1	49	119.1	After	Interior Girder 1	6.39	0.95	1	1	13.310344
Lane_serv_opr	BOBJ1	49	119.1	After	Interior Girder 2	6.39	0.95	1	1	12.82327
Lane_serv_opr	BOBJ1	49	119.1	After	Interior Girder 3	6.39	0.95	1	1	12.340749
Lane_serv_opr	BOBJ1	49	119.1	After	Interior Girder 4	6.39	0.95	1	1	12.340749
Lane_serv_opr	BOBJ1	49	119.1	After	Interior Girder 5	6.39	0.95	1	1	12.82327
Lane_serv_opr	BOBJ1	49	119.1	After	Interior Girder 6	6.39	0.95	1	1	13.310344
Lane_serv_opr	BOBJ1	49	119.1	After	Right Exterior Girder	6.39	0.95	1	1	14.237607
Lane_serv_opr	BOBJ1	50	125.49	Before	Left Exterior Girder	12.78	0.95	1	1	21.843883
Lane_serv_opr	BOBJ1	50	125.49	Before	Interior Girder 1	12.78	0.95	1	1	19.65026
Lane_serv_opr	BOBJ1	50	125.49	Before	Interior Girder 2	12.78	0.95	1	1	19.106314
Lane_serv_opr	BOBJ1	50	125.49	Before	Interior Girder 3	12.78	0.95	1	1	20.453868
Lane_serv_opr	BOBJ1	50	125.49	Before	Interior Girder 4	12.78	0.95	1	1	20.453868
Lane_serv_opr	BOBJ1	50	125.49	Before	Interior Girder 5	12.78	0.95	1	1	19.106314
Lane_serv_opr	BOBJ1	50	125.49	Before	Interior Girder 6	12.78	0.95	1	1	19.65026
Lane_serv_opr	BOBJ1	50	125.49	Before	Right Exterior Girder	12.78	0.95	1	1	21.843883
Lane_serv_opr	BOBJ1	51	125.49	After	Left Exterior Girder	12.78	0.95	1	1	21.648185
Lane_serv_opr	BOBJ1	51	125.49	After	Interior Girder 1	12.78	0.95	1	1	19.767728
Lane_serv_opr	BOBJ1	51	125.49	After	Interior Girder 2	12.78	0.95	1	1	19.206377
Lane_serv_opr	BOBJ1	51	125.49	After	Interior Girder 3	12.78	0.95	1	1	20.397276
Lane_serv_opr	BOBJ1	51	125.49	After	Interior Girder 4	12.78	0.95	1	1	20.397276
Lane_serv_opr	BOBJ1	51	125.49	After	Interior Girder 5	12.78	0.95	1	1	19.206377
Lane_serv_opr	BOBJ1	51	125.49	After	Interior Girder 6	12.78	0.95	1	1	19.767728
Lane_serv_opr	BOBJ1	51	125.49	After	Right Exterior Girder	12.78	0.95	1	1	21.648185
Lane_serv_opr	BOBJ1	52	131.88	Before	Left Exterior Girder	19.17	0.95	1	1	24.377194
Lane_serv_opr	BOBJ1	52	131.88	Before	Interior Girder 1	19.17	0.95	1	1	21.784333
Lane_serv_opr	BOBJ1	52	131.88	Before	Interior Girder 2	19.17	0.95	1	1	21.896548
Lane_serv_opr	BOBJ1	52	131.88	Before	Interior Girder 3	19.17	0.95	1	1	23.740624
Lane_serv_opr	BOBJ1	52	131.88	Before	Interior Girder 4	19.17	0.95	1	1	23.740624
Lane_serv_opr	BOBJ1	52	131.88	Before	Interior Girder 5	19.17	0.95	1	1	21.896548
Lane_serv_opr	BOBJ1	52	131.88	Before	Interior Girder 6	19.17	0.95	1	1	21.784333
Lane_serv_opr	BOBJ1	52	131.88	Before	Right Exterior Girder	19.17	0.95	1	1	24.377194
Lane_serv_opr	BOBJ1	53	131.88	After	Left Exterior Girder	19.17	0.95	1	1	24.238465

TABLE: Bridge Super Rating AASHTORATE18 31 - SteelICompServ-Flx - Approach, Span 16-19										
Request	BridgeObj	BridgeCut	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	Unitless	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Lane_serv_opr	BOBJ1	53	131.88	After	Interior Girder 1	19.17	0.95	1	1	21.893004
Lane_serv_opr	BOBJ1	53	131.88	After	Interior Girder 2	19.17	0.95	1	1	22.013968
Lane_serv_opr	BOBJ1	53	131.88	After	Interior Girder 3	19.17	0.95	1	1	24.051877
Lane_serv_opr	BOBJ1	53	131.88	After	Interior Girder 4	19.17	0.95	1	1	24.051877
Lane_serv_opr	BOBJ1	53	131.88	After	Interior Girder 5	19.17	0.95	1	1	22.013968
Lane_serv_opr	BOBJ1	53	131.88	After	Interior Girder 6	19.17	0.95	1	1	21.893004
Lane_serv_opr	BOBJ1	53	131.88	After	Right Exterior Girder	19.17	0.95	1	1	24.238465
Lane_serv_opr	BOBJ1	54	138.27	Before	Left Exterior Girder	25.56	0.95	1	1	23.734408
Lane_serv_opr	BOBJ1	54	138.27	Before	Interior Girder 1	25.56	0.95	1	1	19.81689
Lane_serv_opr	BOBJ1	54	138.27	Before	Interior Girder 2	25.56	0.95	1	1	19.185186
Lane_serv_opr	BOBJ1	54	138.27	Before	Interior Girder 3	25.56	0.95	1	1	19.03855
Lane_serv_opr	BOBJ1	54	138.27	Before	Interior Girder 4	25.56	0.95	1	1	19.03855
Lane_serv_opr	BOBJ1	54	138.27	Before	Interior Girder 5	25.56	0.95	1	1	19.185186
Lane_serv_opr	BOBJ1	54	138.27	Before	Interior Girder 6	25.56	0.95	1	1	19.81689
Lane_serv_opr	BOBJ1	54	138.27	Before	Right Exterior Girder	25.56	0.95	1	1	23.734408
Lane_serv_opr	BOBJ1	55	138.27	After	Left Exterior Girder	25.56	0.95	1	1	24.030883
Lane_serv_opr	BOBJ1	55	138.27	After	Interior Girder 1	25.56	0.95	1	1	19.6511
Lane_serv_opr	BOBJ1	55	138.27	After	Interior Girder 2	25.56	0.95	1	1	19.099311
Lane_serv_opr	BOBJ1	55	138.27	After	Interior Girder 3	25.56	0.95	1	1	19.025746
Lane_serv_opr	BOBJ1	55	138.27	After	Interior Girder 4	25.56	0.95	1	1	19.025746
Lane_serv_opr	BOBJ1	55	138.27	After	Interior Girder 5	25.56	0.95	1	1	19.099311
Lane_serv_opr	BOBJ1	55	138.27	After	Interior Girder 6	25.56	0.95	1	1	19.6511
Lane_serv_opr	BOBJ1	55	138.27	After	Right Exterior Girder	25.56	0.95	1	1	24.030883
Lane_serv_opr	BOBJ1	56	144.66	Before	Left Exterior Girder	31.95	0.95	1	1	25.031037
Lane_serv_opr	BOBJ1	56	144.66	Before	Interior Girder 1	31.95	0.95	1	1	20.102032
Lane_serv_opr	BOBJ1	56	144.66	Before	Interior Girder 2	31.95	0.95	1	1	19.546791
Lane_serv_opr	BOBJ1	56	144.66	Before	Interior Girder 3	31.95	0.95	1	1	19.442745
Lane_serv_opr	BOBJ1	56	144.66	Before	Interior Girder 4	31.95	0.95	1	1	19.442745
Lane_serv_opr	BOBJ1	56	144.66	Before	Interior Girder 5	31.95	0.95	1	1	19.546791
Lane_serv_opr	BOBJ1	56	144.66	Before	Interior Girder 6	31.95	0.95	1	1	20.102032
Lane_serv_opr	BOBJ1	56	144.66	Before	Right Exterior Girder	31.95	0.95	1	1	25.031037
Lane_serv_opr	BOBJ1	57	144.66	After	Left Exterior Girder	31.95	0.95	1	1	24.598005
Lane_serv_opr	BOBJ1	57	144.66	After	Interior Girder 1	31.95	0.95	1	1	20.340604
Lane_serv_opr	BOBJ1	57	144.66	After	Interior Girder 2	31.95	0.95	1	1	19.635742
Lane_serv_opr	BOBJ1	57	144.66	After	Interior Girder 3	31.95	0.95	1	1	19.416178
Lane_serv_opr	BOBJ1	57	144.66	After	Interior Girder 4	31.95	0.95	1	1	19.416178
Lane_serv_opr	BOBJ1	57	144.66	After	Interior Girder 5	31.95	0.95	1	1	19.635742
Lane_serv_opr	BOBJ1	57	144.66	After	Interior Girder 6	31.95	0.95	1	1	20.340604
Lane_serv_opr	BOBJ1	57	144.66	After	Right Exterior Girder	31.95	0.95	1	1	24.598005
Lane_serv_opr	BOBJ1	58	151.05	Before	Left Exterior Girder	38.34	0.95	1	1	26.605557
Lane_serv_opr	BOBJ1	58	151.05	Before	Interior Girder 1	38.34	0.95	1	1	23.914445
Lane_serv_opr	BOBJ1	58	151.05	Before	Interior Girder 2	38.34	0.95	1	1	23.848784
Lane_serv_opr	BOBJ1	58	151.05	Before	Interior Girder 3	38.34	0.95	1	1	26.010062
Lane_serv_opr	BOBJ1	58	151.05	Before	Interior Girder 4	38.34	0.95	1	1	26.010062
Lane_serv_opr	BOBJ1	58	151.05	Before	Interior Girder 5	38.34	0.95	1	1	23.848784
Lane_serv_opr	BOBJ1	58	151.05	Before	Interior Girder 6	38.34	0.95	1	1	23.914445
Lane_serv_opr	BOBJ1	58	151.05	Before	Right Exterior Girder	38.34	0.95	1	1	26.605557
Lane_serv_opr	BOBJ1	59	151.05	After	Left Exterior Girder	38.34	0.95	1	1	26.610751
Lane_serv_opr	BOBJ1	59	151.05	After	Interior Girder 1	38.34	0.95	1	1	23.897377
Lane_serv_opr	BOBJ1	59	151.05	After	Interior Girder 2	38.34	0.95	1	1	23.704502
Lane_serv_opr	BOBJ1	59	151.05	After	Interior Girder 3	38.34	0.95	1	1	25.596475
Lane_serv_opr	BOBJ1	59	151.05	After	Interior Girder 4	38.34	0.95	1	1	25.596475
Lane_serv_opr	BOBJ1	59	151.05	After	Interior Girder 5	38.34	0.95	1	1	23.704502
Lane_serv_opr	BOBJ1	59	151.05	After	Interior Girder 6	38.34	0.95	1	1	23.897377
Lane_serv_opr	BOBJ1	59	151.05	After	Right Exterior Girder	38.34	0.95	1	1	26.610751
Lane_serv_opr	BOBJ1	60	157.4367	Before	Left Exterior Girder	44.7267	0.95	1	1	25.169909
Lane_serv_opr	BOBJ1	60	157.4367	Before	Interior Girder 1	44.7267	0.95	1	1	22.655536
Lane_serv_opr	BOBJ1	60	157.4367	Before	Interior Girder 2	44.7267	0.95	1	1	21.481591
Lane_serv_opr	BOBJ1	60	157.4367	Before	Interior Girder 3	44.7267	0.95	1	1	22.956525
Lane_serv_opr	BOBJ1	60	157.4367	Before	Interior Girder 4	44.7267	0.95	1	1	22.956525
Lane_serv_opr	BOBJ1	60	157.4367	Before	Interior Girder 5	44.7267	0.95	1	1	21.481591
Lane_serv_opr	BOBJ1	60	157.4367	Before	Interior Girder 6	44.7267	0.95	1	1	22.655536
Lane_serv_opr	BOBJ1	60	157.4367	Before	Right Exterior Girder	44.7267	0.95	1	1	25.169909
Lane_serv_opr	BOBJ1	61	157.4367	After	Left Exterior Girder	44.7267	0.95	1	1	25.359263
Lane_serv_opr	BOBJ1	61	157.4367	After	Interior Girder 1	44.7267	0.95	1	1	22.612719
Lane_serv_opr	BOBJ1	61	157.4367	After	Interior Girder 2	44.7267	0.95	1	1	21.487888
Lane_serv_opr	BOBJ1	61	157.4367	After	Interior Girder 3	44.7267	0.95	1	1	22.993758
Lane_serv_opr	BOBJ1	61	157.4367	After	Interior Girder 4	44.7267	0.95	1	1	22.993758
Lane_serv_opr	BOBJ1	61	157.4367	After	Interior Girder 5	44.7267	0.95	1	1	21.487888
Lane_serv_opr	BOBJ1	61	157.4367	After	Interior Girder 6	44.7267	0.95	1	1	22.612719
Lane_serv_opr	BOBJ1	61	157.4367	After	Right Exterior Girder	44.7267	0.95	1	1	25.359263
Lane_serv_opr	BOBJ1	62	158.71	Before	Left Exterior Girder	46	0.95	1	1	23.907139
Lane_serv_opr	BOBJ1	62	158.71	Before	Interior Girder 1	46	0.95	1	1	21.733172

TABLE: Bridge Super Rating AASHTORATE18 31 - SteelICompServ-Flx - Approach, Span 16-19										
Request	BridgeObj	BridgeCut	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	Unitless	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Lane_serv_opr	BOBJ1	62	158.71	Before	Interior Girder 2	46	0.95	1	1	20.572162
Lane_serv_opr	BOBJ1	62	158.71	Before	Interior Girder 3	46	0.95	1	1	21.080575
Lane_serv_opr	BOBJ1	62	158.71	Before	Interior Girder 4	46	0.95	1	1	21.080575
Lane_serv_opr	BOBJ1	62	158.71	Before	Interior Girder 5	46	0.95	1	1	20.572162
Lane_serv_opr	BOBJ1	62	158.71	Before	Interior Girder 6	46	0.95	1	1	21.733172
Lane_serv_opr	BOBJ1	62	158.71	Before	Right Exterior Girder	46	0.95	1	1	23.907139
Lane_serv_opr	BOBJ1	63	158.71	After	Left Exterior Girder	46	0.95	1	1	32.824224
Lane_serv_opr	BOBJ1	63	158.71	After	Interior Girder 1	46	0.95	1	1	27.233957
Lane_serv_opr	BOBJ1	63	158.71	After	Interior Girder 2	46	0.95	1	1	25.775219
Lane_serv_opr	BOBJ1	63	158.71	After	Interior Girder 3	46	0.95	1	1	26.595282
Lane_serv_opr	BOBJ1	63	158.71	After	Interior Girder 4	46	0.95	1	1	26.595282
Lane_serv_opr	BOBJ1	63	158.71	After	Interior Girder 5	46	0.95	1	1	25.775219
Lane_serv_opr	BOBJ1	63	158.71	After	Interior Girder 6	46	0.95	1	1	27.233957
Lane_serv_opr	BOBJ1	63	158.71	After	Right Exterior Girder	46	0.95	1	1	32.824224
Lane_serv_opr	BOBJ1	64	163.8233	Before	Left Exterior Girder	51.1133	0.95	1	1	20.611602
Lane_serv_opr	BOBJ1	64	163.8233	Before	Interior Girder 1	51.1133	0.95	1	1	17.762385
Lane_serv_opr	BOBJ1	64	163.8233	Before	Interior Girder 2	51.1133	0.95	1	1	16.938227
Lane_serv_opr	BOBJ1	64	163.8233	Before	Interior Girder 3	51.1133	0.95	1	1	15.869925
Lane_serv_opr	BOBJ1	64	163.8233	Before	Interior Girder 4	51.1133	0.95	1	1	15.869925
Lane_serv_opr	BOBJ1	64	163.8233	Before	Interior Girder 5	51.1133	0.95	1	1	16.938227
Lane_serv_opr	BOBJ1	64	163.8233	Before	Interior Girder 6	51.1133	0.95	1	1	17.762385
Lane_serv_opr	BOBJ1	64	163.8233	Before	Right Exterior Girder	51.1133	0.95	1	1	20.611602
Lane_serv_opr	BOBJ1	65	163.8233	After	Left Exterior Girder	51.1133	0.95	1	1	21.124995
Lane_serv_opr	BOBJ1	65	163.8233	After	Interior Girder 1	51.1133	0.95	1	1	17.453656
Lane_serv_opr	BOBJ1	65	163.8233	After	Interior Girder 2	51.1133	0.95	1	1	16.906263
Lane_serv_opr	BOBJ1	65	163.8233	After	Interior Girder 3	51.1133	0.95	1	1	15.98719
Lane_serv_opr	BOBJ1	65	163.8233	After	Interior Girder 4	51.1133	0.95	1	1	15.98719
Lane_serv_opr	BOBJ1	65	163.8233	After	Interior Girder 5	51.1133	0.95	1	1	16.906263
Lane_serv_opr	BOBJ1	65	163.8233	After	Interior Girder 6	51.1133	0.95	1	1	17.453656
Lane_serv_opr	BOBJ1	65	163.8233	After	Right Exterior Girder	51.1133	0.95	1	1	21.124995
Lane_serv_opr	BOBJ1	66	164.71	Before	Left Exterior Girder	52	0.95	1	1	18.719684
Lane_serv_opr	BOBJ1	66	164.71	Before	Right Exterior Girder	52	0.95	1	1	18.719684
Lane_serv_opr	BOBJ1	67	164.71	After	Left Exterior Girder	52	0.95	1	1	28.887883
Lane_serv_opr	BOBJ1	67	164.71	After	Right Exterior Girder	52	0.95	1	1	28.887883
Lane_serv_opr	BOBJ1	68	170.21	Before	Left Exterior Girder	57.5	0.95	1	1	15.940108
Lane_serv_opr	BOBJ1	68	170.21	Before	Interior Girder 1	57.5	0.95	1	1	8.331831
Lane_serv_opr	BOBJ1	68	170.21	Before	Interior Girder 2	57.5	0.95	1	1	8.322137
Lane_serv_opr	BOBJ1	68	170.21	Before	Interior Girder 3	57.5	0.95	1	1	7.205504
Lane_serv_opr	BOBJ1	68	170.21	Before	Interior Girder 4	57.5	0.95	1	1	7.205504
Lane_serv_opr	BOBJ1	68	170.21	Before	Interior Girder 5	57.5	0.95	1	1	8.322137
Lane_serv_opr	BOBJ1	68	170.21	Before	Interior Girder 6	57.5	0.95	1	1	8.331831
Lane_serv_opr	BOBJ1	68	170.21	Before	Right Exterior Girder	57.5	0.95	1	1	15.940108
Lane_serv_opr	BOBJ1	69	170.21	After	Left Exterior Girder	0	0.95	1	1	15.81411
Lane_serv_opr	BOBJ1	69	170.21	After	Interior Girder 1	0	0.95	1	1	8.371028
Lane_serv_opr	BOBJ1	69	170.21	After	Interior Girder 2	0	0.95	1	1	8.32449
Lane_serv_opr	BOBJ1	69	170.21	After	Interior Girder 3	0	0.95	1	1	7.184479
Lane_serv_opr	BOBJ1	69	170.21	After	Interior Girder 4	0	0.95	1	1	7.184479
Lane_serv_opr	BOBJ1	69	170.21	After	Interior Girder 5	0	0.95	1	1	8.32449
Lane_serv_opr	BOBJ1	69	170.21	After	Interior Girder 6	0	0.95	1	1	8.371028
Lane_serv_opr	BOBJ1	69	170.21	After	Right Exterior Girder	0	0.95	1	1	15.81411
Lane_serv_opr	BOBJ1	70	176.21	Before	Left Exterior Girder	6	0.95	1	1	32.902917
Lane_serv_opr	BOBJ1	70	176.21	Before	Right Exterior Girder	6	0.95	1	1	32.902917
Lane_serv_opr	BOBJ1	71	176.21	After	Left Exterior Girder	6	0.95	1	1	21.67383
Lane_serv_opr	BOBJ1	71	176.21	After	Right Exterior Girder	6	0.95	1	1	21.67383
Lane_serv_opr	BOBJ1	72	176.6	Before	Left Exterior Girder	6.39	0.95	1	1	23.297293
Lane_serv_opr	BOBJ1	72	176.6	Before	Interior Girder 1	6.39	0.95	1	1	18.936336
Lane_serv_opr	BOBJ1	72	176.6	Before	Interior Girder 2	6.39	0.95	1	1	18.316434
Lane_serv_opr	BOBJ1	72	176.6	Before	Interior Girder 3	6.39	0.95	1	1	17.230097
Lane_serv_opr	BOBJ1	72	176.6	Before	Interior Girder 4	6.39	0.95	1	1	17.230097
Lane_serv_opr	BOBJ1	72	176.6	Before	Interior Girder 5	6.39	0.95	1	1	18.316434
Lane_serv_opr	BOBJ1	72	176.6	Before	Interior Girder 6	6.39	0.95	1	1	18.936336
Lane_serv_opr	BOBJ1	72	176.6	Before	Right Exterior Girder	6.39	0.95	1	1	23.297293
Lane_serv_opr	BOBJ1	73	176.6	After	Left Exterior Girder	6.39	0.95	1	1	22.582274
Lane_serv_opr	BOBJ1	73	176.6	After	Interior Girder 1	6.39	0.95	1	1	19.348259
Lane_serv_opr	BOBJ1	73	176.6	After	Interior Girder 2	6.39	0.95	1	1	18.308325
Lane_serv_opr	BOBJ1	73	176.6	After	Interior Girder 3	6.39	0.95	1	1	17.034271
Lane_serv_opr	BOBJ1	73	176.6	After	Interior Girder 4	6.39	0.95	1	1	17.034271
Lane_serv_opr	BOBJ1	73	176.6	After	Interior Girder 5	6.39	0.95	1	1	18.308325
Lane_serv_opr	BOBJ1	73	176.6	After	Interior Girder 6	6.39	0.95	1	1	19.348259
Lane_serv_opr	BOBJ1	73	176.6	After	Right Exterior Girder	6.39	0.95	1	1	22.582274
Lane_serv_opr	BOBJ1	74	182.99	Before	Left Exterior Girder	12.78	0.95	1	1	39.184056
Lane_serv_opr	BOBJ1	74	182.99	Before	Interior Girder 1	12.78	0.95	1	1	33.371129
Lane_serv_opr	BOBJ1	74	182.99	Before	Interior Girder 2	12.78	0.95	1	1	31.336255

TABLE: Bridge Super Rating AASHTORATE18 31 - SteelICompServ-Flx - Approach, Span 16-19										
Request	BridgeObj	BridgeCut	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	Unitless	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Lane_serv_opr	BOBJ1	74	182.99	Before	Interior Girder 3	12.78	0.95	1	1	32.7904
Lane_serv_opr	BOBJ1	74	182.99	Before	Interior Girder 4	12.78	0.95	1	1	32.7904
Lane_serv_opr	BOBJ1	74	182.99	Before	Interior Girder 5	12.78	0.95	1	1	31.336255
Lane_serv_opr	BOBJ1	74	182.99	Before	Interior Girder 6	12.78	0.95	1	1	33.371129
Lane_serv_opr	BOBJ1	74	182.99	Before	Right Exterior Girder	12.78	0.95	1	1	39.184056
Lane_serv_opr	BOBJ1	75	182.99	After	Left Exterior Girder	12.78	0.95	1	1	38.644788
Lane_serv_opr	BOBJ1	75	182.99	After	Interior Girder 1	12.78	0.95	1	1	33.685431
Lane_serv_opr	BOBJ1	75	182.99	After	Interior Girder 2	12.78	0.95	1	1	31.447645
Lane_serv_opr	BOBJ1	75	182.99	After	Interior Girder 3	12.78	0.95	1	1	32.662961
Lane_serv_opr	BOBJ1	75	182.99	After	Interior Girder 4	12.78	0.95	1	1	32.662961
Lane_serv_opr	BOBJ1	75	182.99	After	Interior Girder 5	12.78	0.95	1	1	31.447645
Lane_serv_opr	BOBJ1	75	182.99	After	Interior Girder 6	12.78	0.95	1	1	33.685431
Lane_serv_opr	BOBJ1	75	182.99	After	Right Exterior Girder	12.78	0.95	1	1	38.644788
Lane_serv_opr	BOBJ1	76	189.38	Before	Left Exterior Girder	19.17	0.95	1	1	23.888477
Lane_serv_opr	BOBJ1	76	189.38	Before	Interior Girder 1	19.17	0.95	1	1	22.564921
Lane_serv_opr	BOBJ1	76	189.38	Before	Interior Girder 2	19.17	0.95	1	1	21.174891
Lane_serv_opr	BOBJ1	76	189.38	Before	Interior Girder 3	19.17	0.95	1	1	21.640829
Lane_serv_opr	BOBJ1	76	189.38	Before	Interior Girder 4	19.17	0.95	1	1	21.640829
Lane_serv_opr	BOBJ1	76	189.38	Before	Interior Girder 5	19.17	0.95	1	1	21.174891
Lane_serv_opr	BOBJ1	76	189.38	Before	Interior Girder 6	19.17	0.95	1	1	22.564921
Lane_serv_opr	BOBJ1	76	189.38	Before	Right Exterior Girder	19.17	0.95	1	1	23.888477
Lane_serv_opr	BOBJ1	77	189.38	After	Left Exterior Girder	19.17	0.95	1	1	24.08138
Lane_serv_opr	BOBJ1	77	189.38	After	Interior Girder 1	19.17	0.95	1	1	22.292416
Lane_serv_opr	BOBJ1	77	189.38	After	Interior Girder 2	19.17	0.95	1	1	21.22032
Lane_serv_opr	BOBJ1	77	189.38	After	Interior Girder 3	19.17	0.95	1	1	21.772596
Lane_serv_opr	BOBJ1	77	189.38	After	Interior Girder 4	19.17	0.95	1	1	21.772596
Lane_serv_opr	BOBJ1	77	189.38	After	Interior Girder 5	19.17	0.95	1	1	21.22032
Lane_serv_opr	BOBJ1	77	189.38	After	Interior Girder 6	19.17	0.95	1	1	22.292416
Lane_serv_opr	BOBJ1	77	189.38	After	Right Exterior Girder	19.17	0.95	1	1	24.08138
Lane_serv_opr	BOBJ1	78	195.77	Before	Left Exterior Girder	25.56	0.95	1	1	19.321663
Lane_serv_opr	BOBJ1	78	195.77	Before	Interior Girder 1	25.56	0.95	1	1	16.101053
Lane_serv_opr	BOBJ1	78	195.77	Before	Interior Girder 2	25.56	0.95	1	1	15.768178
Lane_serv_opr	BOBJ1	78	195.77	Before	Interior Girder 3	25.56	0.95	1	1	15.994592
Lane_serv_opr	BOBJ1	78	195.77	Before	Interior Girder 4	25.56	0.95	1	1	15.994592
Lane_serv_opr	BOBJ1	78	195.77	Before	Interior Girder 5	25.56	0.95	1	1	15.768178
Lane_serv_opr	BOBJ1	78	195.77	Before	Interior Girder 6	25.56	0.95	1	1	16.101053
Lane_serv_opr	BOBJ1	78	195.77	Before	Right Exterior Girder	25.56	0.95	1	1	19.321663
Lane_serv_opr	BOBJ1	79	195.77	After	Left Exterior Girder	25.56	0.95	1	1	19.598691
Lane_serv_opr	BOBJ1	79	195.77	After	Interior Girder 1	25.56	0.95	1	1	15.927201
Lane_serv_opr	BOBJ1	79	195.77	After	Interior Girder 2	25.56	0.95	1	1	15.704337
Lane_serv_opr	BOBJ1	79	195.77	After	Interior Girder 3	25.56	0.95	1	1	16.036064
Lane_serv_opr	BOBJ1	79	195.77	After	Interior Girder 4	25.56	0.95	1	1	16.036064
Lane_serv_opr	BOBJ1	79	195.77	After	Interior Girder 5	25.56	0.95	1	1	15.704337
Lane_serv_opr	BOBJ1	79	195.77	After	Interior Girder 6	25.56	0.95	1	1	15.927201
Lane_serv_opr	BOBJ1	79	195.77	After	Right Exterior Girder	25.56	0.95	1	1	19.598691
Lane_serv_opr	BOBJ1	80	202.16	Before	Left Exterior Girder	31.95	0.95	1	1	17.680355
Lane_serv_opr	BOBJ1	80	202.16	Before	Interior Girder 1	31.95	0.95	1	1	14.44637
Lane_serv_opr	BOBJ1	80	202.16	Before	Interior Girder 2	31.95	0.95	1	1	14.29652
Lane_serv_opr	BOBJ1	80	202.16	Before	Interior Girder 3	31.95	0.95	1	1	14.544734
Lane_serv_opr	BOBJ1	80	202.16	Before	Interior Girder 4	31.95	0.95	1	1	14.544734
Lane_serv_opr	BOBJ1	80	202.16	Before	Interior Girder 5	31.95	0.95	1	1	14.29652
Lane_serv_opr	BOBJ1	80	202.16	Before	Interior Girder 6	31.95	0.95	1	1	14.44637
Lane_serv_opr	BOBJ1	80	202.16	Before	Right Exterior Girder	31.95	0.95	1	1	17.680355
Lane_serv_opr	BOBJ1	81	202.16	After	Left Exterior Girder	31.95	0.95	1	1	17.461721
Lane_serv_opr	BOBJ1	81	202.16	After	Interior Girder 1	31.95	0.95	1	1	14.563179
Lane_serv_opr	BOBJ1	81	202.16	After	Interior Girder 2	31.95	0.95	1	1	14.353345
Lane_serv_opr	BOBJ1	81	202.16	After	Interior Girder 3	31.95	0.95	1	1	14.593634
Lane_serv_opr	BOBJ1	81	202.16	After	Interior Girder 4	31.95	0.95	1	1	14.593634
Lane_serv_opr	BOBJ1	81	202.16	After	Interior Girder 5	31.95	0.95	1	1	14.353345
Lane_serv_opr	BOBJ1	81	202.16	After	Interior Girder 6	31.95	0.95	1	1	14.563179
Lane_serv_opr	BOBJ1	81	202.16	After	Right Exterior Girder	31.95	0.95	1	1	17.461721
Lane_serv_opr	BOBJ1	82	208.55	Before	Left Exterior Girder	38.34	0.95	1	1	17.714671
Lane_serv_opr	BOBJ1	82	208.55	Before	Interior Girder 1	38.34	0.95	1	1	16.179965
Lane_serv_opr	BOBJ1	82	208.55	Before	Interior Girder 2	38.34	0.95	1	1	15.620195
Lane_serv_opr	BOBJ1	82	208.55	Before	Interior Girder 3	38.34	0.95	1	1	16.009451
Lane_serv_opr	BOBJ1	82	208.55	Before	Interior Girder 4	38.34	0.95	1	1	16.009451
Lane_serv_opr	BOBJ1	82	208.55	Before	Interior Girder 5	38.34	0.95	1	1	15.620195
Lane_serv_opr	BOBJ1	82	208.55	Before	Interior Girder 6	38.34	0.95	1	1	16.179965
Lane_serv_opr	BOBJ1	82	208.55	Before	Right Exterior Girder	38.34	0.95	1	1	17.714671
Lane_serv_opr	BOBJ1	83	208.55	After	Left Exterior Girder	38.34	0.95	1	1	17.565464
Lane_serv_opr	BOBJ1	83	208.55	After	Interior Girder 1	38.34	0.95	1	1	16.301239
Lane_serv_opr	BOBJ1	83	208.55	After	Interior Girder 2	38.34	0.95	1	1	15.589789
Lane_serv_opr	BOBJ1	83	208.55	After	Interior Girder 3	38.34	0.95	1	1	15.870511

TABLE: Bridge Super Rating AASHTORATE18 31 - SteelICompServ-Flx - Approach, Span 16-19										
Request	BridgeObj	BridgeCut	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	Unitless	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Lane_serv_opr	BOBJ1	83	208.55	After	Interior Girder 4	38.34	0.95	1	1	15.870511
Lane_serv_opr	BOBJ1	83	208.55	After	Interior Girder 5	38.34	0.95	1	1	15.589789
Lane_serv_opr	BOBJ1	83	208.55	After	Interior Girder 6	38.34	0.95	1	1	16.301239
Lane_serv_opr	BOBJ1	83	208.55	After	Right Exterior Girder	38.34	0.95	1	1	17.565464
Lane_serv_opr	BOBJ1	84	215.1233	Before	Left Exterior Girder	44.9133	0.95	1	1	25.623821
Lane_serv_opr	BOBJ1	84	215.1233	Before	Interior Girder 1	44.9133	0.95	1	1	19.968295
Lane_serv_opr	BOBJ1	84	215.1233	Before	Interior Girder 2	44.9133	0.95	1	1	19.974696
Lane_serv_opr	BOBJ1	84	215.1233	Before	Interior Girder 3	44.9133	0.95	1	1	20.120538
Lane_serv_opr	BOBJ1	84	215.1233	Before	Interior Girder 4	44.9133	0.95	1	1	20.120538
Lane_serv_opr	BOBJ1	84	215.1233	Before	Interior Girder 5	44.9133	0.95	1	1	19.974696
Lane_serv_opr	BOBJ1	84	215.1233	Before	Interior Girder 6	44.9133	0.95	1	1	19.968295
Lane_serv_opr	BOBJ1	84	215.1233	Before	Right Exterior Girder	44.9133	0.95	1	1	25.623821
Lane_serv_opr	BOBJ1	85	215.1233	After	Left Exterior Girder	44.9133	0.95	1	1	25.735194
Lane_serv_opr	BOBJ1	85	215.1233	After	Interior Girder 1	44.9133	0.95	1	1	20.016401
Lane_serv_opr	BOBJ1	85	215.1233	After	Interior Girder 2	44.9133	0.95	1	1	19.73524
Lane_serv_opr	BOBJ1	85	215.1233	After	Interior Girder 3	44.9133	0.95	1	1	19.641079
Lane_serv_opr	BOBJ1	85	215.1233	After	Interior Girder 4	44.9133	0.95	1	1	19.641079
Lane_serv_opr	BOBJ1	85	215.1233	After	Interior Girder 5	44.9133	0.95	1	1	19.73524
Lane_serv_opr	BOBJ1	85	215.1233	After	Interior Girder 6	44.9133	0.95	1	1	20.016401
Lane_serv_opr	BOBJ1	85	215.1233	After	Right Exterior Girder	44.9133	0.95	1	1	25.735194
Lane_serv_opr	BOBJ1	86	221.6967	Before	Left Exterior Girder	51.4867	0.95	1	1	53.716082
Lane_serv_opr	BOBJ1	86	221.6967	Before	Interior Girder 1	51.4867	0.95	1	1	35.224782
Lane_serv_opr	BOBJ1	86	221.6967	Before	Interior Girder 2	51.4867	0.95	1	1	36.197487
Lane_serv_opr	BOBJ1	86	221.6967	Before	Interior Girder 3	51.4867	0.95	1	1	35.934491
Lane_serv_opr	BOBJ1	86	221.6967	Before	Interior Girder 4	51.4867	0.95	1	1	35.934491
Lane_serv_opr	BOBJ1	86	221.6967	Before	Interior Girder 5	51.4867	0.95	1	1	36.197487
Lane_serv_opr	BOBJ1	86	221.6967	Before	Interior Girder 6	51.4867	0.95	1	1	35.224782
Lane_serv_opr	BOBJ1	86	221.6967	Before	Right Exterior Girder	51.4867	0.95	1	1	53.716082
Lane_serv_opr	BOBJ1	87	221.6967	After	Left Exterior Girder	51.4867	0.95	1	1	53.402267
Lane_serv_opr	BOBJ1	87	221.6967	After	Interior Girder 1	51.4867	0.95	1	1	35.699538
Lane_serv_opr	BOBJ1	87	221.6967	After	Interior Girder 2	51.4867	0.95	1	1	35.857726
Lane_serv_opr	BOBJ1	87	221.6967	After	Interior Girder 3	51.4867	0.95	1	1	34.851205
Lane_serv_opr	BOBJ1	87	221.6967	After	Interior Girder 4	51.4867	0.95	1	1	34.851205
Lane_serv_opr	BOBJ1	87	221.6967	After	Interior Girder 5	51.4867	0.95	1	1	35.857726
Lane_serv_opr	BOBJ1	87	221.6967	After	Interior Girder 6	51.4867	0.95	1	1	35.699538
Lane_serv_opr	BOBJ1	87	221.6967	After	Right Exterior Girder	51.4867	0.95	1	1	53.402267
Lane_serv_opr	BOBJ1	88	228.27	Before	Left Exterior Girder	58.06	0.95	1	1	3227.246225
Lane_serv_opr	BOBJ1	88	228.27	Before	Interior Girder 1	58.06	0.95	1	1	2541.436239
Lane_serv_opr	BOBJ1	88	228.27	Before	Interior Girder 2	58.06	0.95	1	1	2041.032195
Lane_serv_opr	BOBJ1	88	228.27	Before	Interior Girder 3	58.06	0.95	1	1	1465.199605
Lane_serv_opr	BOBJ1	88	228.27	Before	Interior Girder 4	58.06	0.95	1	1	1465.199593
Lane_serv_opr	BOBJ1	88	228.27	Before	Interior Girder 5	58.06	0.95	1	1	2041.032191
Lane_serv_opr	BOBJ1	88	228.27	Before	Interior Girder 6	58.06	0.95	1	1	2541.436237
Lane_serv_opr	BOBJ1	88	228.27	Before	Right Exterior Girder	58.06	0.95	1	1	3227.246221
Lane_serv_inv	BOBJ1	1	0	After	Left Exterior Girder	0	0.95	1	1	2984.793244
Lane_serv_inv	BOBJ1	1	0	After	Interior Girder 1	0	0.95	1	1	1986.410809
Lane_serv_inv	BOBJ1	1	0	After	Interior Girder 2	0	0.95	1	1	1778.967061
Lane_serv_inv	BOBJ1	1	0	After	Interior Girder 3	0	0.95	1	1	1520.899351
Lane_serv_inv	BOBJ1	1	0	After	Interior Girder 4	0	0.95	1	1	1520.899354
Lane_serv_inv	BOBJ1	1	0	After	Interior Girder 5	0	0.95	1	1	1778.967085
Lane_serv_inv	BOBJ1	1	0	After	Interior Girder 6	0	0.95	1	1	1986.410809
Lane_serv_inv	BOBJ1	1	0	After	Right Exterior Girder	0	0.95	1	1	2984.793244
Lane_serv_inv	BOBJ1	2	5.3833	Before	Left Exterior Girder	5.3833	0.95	1	1	56.184574
Lane_serv_inv	BOBJ1	2	5.3833	Before	Interior Girder 1	5.3833	0.95	1	1	34.651756
Lane_serv_inv	BOBJ1	2	5.3833	Before	Interior Girder 2	5.3833	0.95	1	1	35.031843
Lane_serv_inv	BOBJ1	2	5.3833	Before	Interior Girder 3	5.3833	0.95	1	1	33.523651
Lane_serv_inv	BOBJ1	2	5.3833	Before	Interior Girder 4	5.3833	0.95	1	1	33.523651
Lane_serv_inv	BOBJ1	2	5.3833	Before	Interior Girder 5	5.3833	0.95	1	1	35.031843
Lane_serv_inv	BOBJ1	2	5.3833	Before	Interior Girder 6	5.3833	0.95	1	1	34.651756
Lane_serv_inv	BOBJ1	2	5.3833	Before	Right Exterior Girder	5.3833	0.95	1	1	56.184574
Lane_serv_inv	BOBJ1	3	5.3833	After	Left Exterior Girder	5.3833	0.95	1	1	55.737512
Lane_serv_inv	BOBJ1	3	5.3833	After	Interior Girder 1	5.3833	0.95	1	1	34.676261
Lane_serv_inv	BOBJ1	3	5.3833	After	Interior Girder 2	5.3833	0.95	1	1	35.440689
Lane_serv_inv	BOBJ1	3	5.3833	After	Interior Girder 3	5.3833	0.95	1	1	34.44064
Lane_serv_inv	BOBJ1	3	5.3833	After	Interior Girder 4	5.3833	0.95	1	1	34.44064
Lane_serv_inv	BOBJ1	3	5.3833	After	Interior Girder 5	5.3833	0.95	1	1	35.440689
Lane_serv_inv	BOBJ1	3	5.3833	After	Interior Girder 6	5.3833	0.95	1	1	34.676261
Lane_serv_inv	BOBJ1	3	5.3833	After	Right Exterior Girder	5.3833	0.95	1	1	55.737512
Lane_serv_inv	BOBJ1	4	10.7667	Before	Left Exterior Girder	10.7667	0.95	1	1	28.314343
Lane_serv_inv	BOBJ1	4	10.7667	Before	Interior Girder 1	10.7667	0.95	1	1	20.423457
Lane_serv_inv	BOBJ1	4	10.7667	Before	Interior Girder 2	10.7667	0.95	1	1	20.059051
Lane_serv_inv	BOBJ1	4	10.7667	Before	Interior Girder 3	10.7667	0.95	1	1	19.566165
Lane_serv_inv	BOBJ1	4	10.7667	Before	Interior Girder 4	10.7667	0.95	1	1	19.566165

TABLE: Bridge Super Rating AASHTORATE18 31 - SteelICompServ-Flx - Approach, Span 16-19										
Request	BridgeObj	BridgeCut	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	Unitless	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Lane_serv_inv	BOBJ1	4	10.7667	Before	Interior Girder 5	10.7667	0.95	1	1	20.059051
Lane_serv_inv	BOBJ1	4	10.7667	Before	Interior Girder 6	10.7667	0.95	1	1	20.423457
Lane_serv_inv	BOBJ1	4	10.7667	Before	Right Exterior Girder	10.7667	0.95	1	1	28.314343
Lane_serv_inv	BOBJ1	5	10.7667	After	Left Exterior Girder	10.7667	0.95	1	1	27.88348
Lane_serv_inv	BOBJ1	5	10.7667	After	Interior Girder 1	10.7667	0.95	1	1	20.505595
Lane_serv_inv	BOBJ1	5	10.7667	After	Interior Girder 2	10.7667	0.95	1	1	20.27859
Lane_serv_inv	BOBJ1	5	10.7667	After	Interior Girder 3	10.7667	0.95	1	1	19.932048
Lane_serv_inv	BOBJ1	5	10.7667	After	Interior Girder 4	10.7667	0.95	1	1	19.932048
Lane_serv_inv	BOBJ1	5	10.7667	After	Interior Girder 5	10.7667	0.95	1	1	20.27859
Lane_serv_inv	BOBJ1	5	10.7667	After	Interior Girder 6	10.7667	0.95	1	1	20.505595
Lane_serv_inv	BOBJ1	5	10.7667	After	Right Exterior Girder	10.7667	0.95	1	1	27.88348
Lane_serv_inv	BOBJ1	6	16.15	Before	Left Exterior Girder	16.15	0.95	1	1	20.066488
Lane_serv_inv	BOBJ1	6	16.15	Before	Interior Girder 1	16.15	0.95	1	1	17.268723
Lane_serv_inv	BOBJ1	6	16.15	Before	Interior Girder 2	16.15	0.95	1	1	16.30098
Lane_serv_inv	BOBJ1	6	16.15	Before	Interior Girder 3	16.15	0.95	1	1	16.167197
Lane_serv_inv	BOBJ1	6	16.15	Before	Interior Girder 4	16.15	0.95	1	1	16.167197
Lane_serv_inv	BOBJ1	6	16.15	Before	Interior Girder 5	16.15	0.95	1	1	16.30098
Lane_serv_inv	BOBJ1	6	16.15	Before	Interior Girder 6	16.15	0.95	1	1	17.268723
Lane_serv_inv	BOBJ1	6	16.15	Before	Right Exterior Girder	16.15	0.95	1	1	20.066488
Lane_serv_inv	BOBJ1	7	16.15	After	Left Exterior Girder	16.15	0.95	1	1	20.138236
Lane_serv_inv	BOBJ1	7	16.15	After	Interior Girder 1	16.15	0.95	1	1	17.192457
Lane_serv_inv	BOBJ1	7	16.15	After	Interior Girder 2	16.15	0.95	1	1	16.336684
Lane_serv_inv	BOBJ1	7	16.15	After	Interior Girder 3	16.15	0.95	1	1	16.275608
Lane_serv_inv	BOBJ1	7	16.15	After	Interior Girder 4	16.15	0.95	1	1	16.275608
Lane_serv_inv	BOBJ1	7	16.15	After	Interior Girder 5	16.15	0.95	1	1	16.336684
Lane_serv_inv	BOBJ1	7	16.15	After	Interior Girder 6	16.15	0.95	1	1	17.192457
Lane_serv_inv	BOBJ1	7	16.15	After	Right Exterior Girder	16.15	0.95	1	1	20.138236
Lane_serv_inv	BOBJ1	8	22.1267	Before	Left Exterior Girder	22.1267	0.95	1	1	20.984242
Lane_serv_inv	BOBJ1	8	22.1267	Before	Interior Girder 1	22.1267	0.95	1	1	15.941376
Lane_serv_inv	BOBJ1	8	22.1267	Before	Interior Girder 2	22.1267	0.95	1	1	15.62351
Lane_serv_inv	BOBJ1	8	22.1267	Before	Interior Girder 3	22.1267	0.95	1	1	15.502946
Lane_serv_inv	BOBJ1	8	22.1267	Before	Interior Girder 4	22.1267	0.95	1	1	15.502946
Lane_serv_inv	BOBJ1	8	22.1267	Before	Interior Girder 5	22.1267	0.95	1	1	15.62351
Lane_serv_inv	BOBJ1	8	22.1267	Before	Interior Girder 6	22.1267	0.95	1	1	15.941376
Lane_serv_inv	BOBJ1	8	22.1267	Before	Right Exterior Girder	22.1267	0.95	1	1	20.984242
Lane_serv_inv	BOBJ1	9	22.1267	After	Left Exterior Girder	22.1267	0.95	1	1	21.257779
Lane_serv_inv	BOBJ1	9	22.1267	After	Interior Girder 1	22.1267	0.95	1	1	15.822774
Lane_serv_inv	BOBJ1	9	22.1267	After	Interior Girder 2	22.1267	0.95	1	1	15.57164
Lane_serv_inv	BOBJ1	9	22.1267	After	Interior Girder 3	22.1267	0.95	1	1	15.444439
Lane_serv_inv	BOBJ1	9	22.1267	After	Interior Girder 4	22.1267	0.95	1	1	15.444439
Lane_serv_inv	BOBJ1	9	22.1267	After	Interior Girder 5	22.1267	0.95	1	1	15.57164
Lane_serv_inv	BOBJ1	9	22.1267	After	Interior Girder 6	22.1267	0.95	1	1	15.822774
Lane_serv_inv	BOBJ1	9	22.1267	After	Right Exterior Girder	22.1267	0.95	1	1	21.257779
Lane_serv_inv	BOBJ1	10	28.1033	Before	Left Exterior Girder	28.1033	0.95	1	1	20.307209
Lane_serv_inv	BOBJ1	10	28.1033	Before	Interior Girder 1	28.1033	0.95	1	1	18.776243
Lane_serv_inv	BOBJ1	10	28.1033	Before	Interior Girder 2	28.1033	0.95	1	1	18.437443
Lane_serv_inv	BOBJ1	10	28.1033	Before	Interior Girder 3	28.1033	0.95	1	1	18.539783
Lane_serv_inv	BOBJ1	10	28.1033	Before	Interior Girder 4	28.1033	0.95	1	1	18.539783
Lane_serv_inv	BOBJ1	10	28.1033	Before	Interior Girder 5	28.1033	0.95	1	1	18.437443
Lane_serv_inv	BOBJ1	10	28.1033	Before	Interior Girder 6	28.1033	0.95	1	1	18.776243
Lane_serv_inv	BOBJ1	10	28.1033	Before	Right Exterior Girder	28.1033	0.95	1	1	20.307209
Lane_serv_inv	BOBJ1	11	28.1033	After	Left Exterior Girder	28.1033	0.95	1	1	20.599556
Lane_serv_inv	BOBJ1	11	28.1033	After	Interior Girder 1	28.1033	0.95	1	1	18.522664
Lane_serv_inv	BOBJ1	11	28.1033	After	Interior Girder 2	28.1033	0.95	1	1	18.371902
Lane_serv_inv	BOBJ1	11	28.1033	After	Interior Girder 3	28.1033	0.95	1	1	18.425795
Lane_serv_inv	BOBJ1	11	28.1033	After	Interior Girder 4	28.1033	0.95	1	1	18.425795
Lane_serv_inv	BOBJ1	11	28.1033	After	Interior Girder 5	28.1033	0.95	1	1	18.371902
Lane_serv_inv	BOBJ1	11	28.1033	After	Interior Girder 6	28.1033	0.95	1	1	18.522664
Lane_serv_inv	BOBJ1	11	28.1033	After	Right Exterior Girder	28.1033	0.95	1	1	20.599556
Lane_serv_inv	BOBJ1	12	34.08	Before	Left Exterior Girder	34.08	0.95	1	1	14.851389
Lane_serv_inv	BOBJ1	12	34.08	Before	Interior Girder 1	34.08	0.95	1	1	14.090257
Lane_serv_inv	BOBJ1	12	34.08	Before	Interior Girder 2	34.08	0.95	1	1	13.679718
Lane_serv_inv	BOBJ1	12	34.08	Before	Interior Girder 3	34.08	0.95	1	1	14.767839
Lane_serv_inv	BOBJ1	12	34.08	Before	Interior Girder 4	34.08	0.95	1	1	14.767839
Lane_serv_inv	BOBJ1	12	34.08	Before	Interior Girder 5	34.08	0.95	1	1	13.679718
Lane_serv_inv	BOBJ1	12	34.08	Before	Interior Girder 6	34.08	0.95	1	1	14.090257
Lane_serv_inv	BOBJ1	12	34.08	Before	Right Exterior Girder	34.08	0.95	1	1	14.851389
Lane_serv_inv	BOBJ1	13	34.08	After	Left Exterior Girder	34.08	0.95	1	1	15.027062
Lane_serv_inv	BOBJ1	13	34.08	After	Interior Girder 1	34.08	0.95	1	1	13.957985
Lane_serv_inv	BOBJ1	13	34.08	After	Interior Girder 2	34.08	0.95	1	1	13.609806
Lane_serv_inv	BOBJ1	13	34.08	After	Interior Girder 3	34.08	0.95	1	1	14.81193
Lane_serv_inv	BOBJ1	13	34.08	After	Interior Girder 4	34.08	0.95	1	1	14.81193
Lane_serv_inv	BOBJ1	13	34.08	After	Interior Girder 5	34.08	0.95	1	1	13.609806

TABLE: Bridge Super Rating AASHTORATE18 31 - SteelICompServ-Flx - Approach, Span 16-19										
Request	BridgeObj	BridgeCut	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	Unitless	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Lane_serv_inv	BOBJ1	13	34.08	After	Interior Girder 6	34.08	0.95	1	1	13.957985
Lane_serv_inv	BOBJ1	13	34.08	After	Right Exterior Girder	34.08	0.95	1	1	15.027062
Lane_serv_inv	BOBJ1	14	39.855	Before	Left Exterior Girder	39.855	0.95	1	1	9.868552
Lane_serv_inv	BOBJ1	14	39.855	Before	Interior Girder 1	39.855	0.95	1	1	9.698073
Lane_serv_inv	BOBJ1	14	39.855	Before	Interior Girder 2	39.855	0.95	1	1	9.484735
Lane_serv_inv	BOBJ1	14	39.855	Before	Interior Girder 3	39.855	0.95	1	1	9.223336
Lane_serv_inv	BOBJ1	14	39.855	Before	Interior Girder 4	39.855	0.95	1	1	9.223336
Lane_serv_inv	BOBJ1	14	39.855	Before	Interior Girder 5	39.855	0.95	1	1	9.484735
Lane_serv_inv	BOBJ1	14	39.855	Before	Interior Girder 6	39.855	0.95	1	1	9.698073
Lane_serv_inv	BOBJ1	14	39.855	Before	Right Exterior Girder	39.855	0.95	1	1	9.868552
Lane_serv_inv	BOBJ1	15	39.855	After	Left Exterior Girder	39.855	0.95	1	1	10.095896
Lane_serv_inv	BOBJ1	15	39.855	After	Interior Girder 1	39.855	0.95	1	1	9.612983
Lane_serv_inv	BOBJ1	15	39.855	After	Interior Girder 2	39.855	0.95	1	1	9.522345
Lane_serv_inv	BOBJ1	15	39.855	After	Interior Girder 3	39.855	0.95	1	1	9.302822
Lane_serv_inv	BOBJ1	15	39.855	After	Interior Girder 4	39.855	0.95	1	1	9.302822
Lane_serv_inv	BOBJ1	15	39.855	After	Interior Girder 5	39.855	0.95	1	1	9.522345
Lane_serv_inv	BOBJ1	15	39.855	After	Interior Girder 6	39.855	0.95	1	1	9.612983
Lane_serv_inv	BOBJ1	15	39.855	After	Right Exterior Girder	39.855	0.95	1	1	10.095896
Lane_serv_inv	BOBJ1	16	40.0288	Before	Left Exterior Girder	40.0288	0.95	1	1	9.853406
Lane_serv_inv	BOBJ1	16	40.0288	Before	Right Exterior Girder	40.0288	0.95	1	1	9.853406
Lane_serv_inv	BOBJ1	17	40.0288	After	Left Exterior Girder	40.0288	0.95	1	1	14.263286
Lane_serv_inv	BOBJ1	17	40.0288	After	Right Exterior Girder	40.0288	0.95	1	1	14.263286
Lane_serv_inv	BOBJ1	18	45.63	Before	Left Exterior Girder	45.63	0.95	1	1	7.819967
Lane_serv_inv	BOBJ1	18	45.63	Before	Interior Girder 1	45.63	0.95	1	1	5.067266
Lane_serv_inv	BOBJ1	18	45.63	Before	Interior Girder 2	45.63	0.95	1	1	5.164392
Lane_serv_inv	BOBJ1	18	45.63	Before	Interior Girder 3	45.63	0.95	1	1	4.362656
Lane_serv_inv	BOBJ1	18	45.63	Before	Interior Girder 4	45.63	0.95	1	1	4.362656
Lane_serv_inv	BOBJ1	18	45.63	Before	Interior Girder 5	45.63	0.95	1	1	5.164392
Lane_serv_inv	BOBJ1	18	45.63	Before	Interior Girder 6	45.63	0.95	1	1	5.067266
Lane_serv_inv	BOBJ1	18	45.63	Before	Right Exterior Girder	45.63	0.95	1	1	7.819967
Lane_serv_inv	BOBJ1	19	45.63	After	Left Exterior Girder	0	0.95	1	1	7.715724
Lane_serv_inv	BOBJ1	19	45.63	After	Interior Girder 1	0	0.95	1	1	5.031797
Lane_serv_inv	BOBJ1	19	45.63	After	Interior Girder 2	0	0.95	1	1	5.133774
Lane_serv_inv	BOBJ1	19	45.63	After	Interior Girder 3	0	0.95	1	1	4.288438
Lane_serv_inv	BOBJ1	19	45.63	After	Interior Girder 4	0	0.95	1	1	4.288438
Lane_serv_inv	BOBJ1	19	45.63	After	Interior Girder 5	0	0.95	1	1	5.133774
Lane_serv_inv	BOBJ1	19	45.63	After	Interior Girder 6	0	0.95	1	1	5.031797
Lane_serv_inv	BOBJ1	19	45.63	After	Right Exterior Girder	0	0.95	1	1	7.715724
Lane_serv_inv	BOBJ1	20	50.6298	Before	Left Exterior Girder	4.9998	0.95	1	1	16.823678
Lane_serv_inv	BOBJ1	20	50.6298	Before	Right Exterior Girder	4.9998	0.95	1	1	16.823678
Lane_serv_inv	BOBJ1	21	50.6298	After	Left Exterior Girder	4.9998	0.95	1	1	11.23094
Lane_serv_inv	BOBJ1	21	50.6298	After	Right Exterior Girder	4.9998	0.95	1	1	11.23094
Lane_serv_inv	BOBJ1	22	51.4	Before	Left Exterior Girder	5.77	0.95	1	1	13.7203
Lane_serv_inv	BOBJ1	22	51.4	Before	Interior Girder 1	5.77	0.95	1	1	11.404678
Lane_serv_inv	BOBJ1	22	51.4	Before	Interior Girder 2	5.77	0.95	1	1	11.316519
Lane_serv_inv	BOBJ1	22	51.4	Before	Interior Girder 3	5.77	0.95	1	1	10.639068
Lane_serv_inv	BOBJ1	22	51.4	Before	Interior Girder 4	5.77	0.95	1	1	10.639068
Lane_serv_inv	BOBJ1	22	51.4	Before	Interior Girder 5	5.77	0.95	1	1	11.316519
Lane_serv_inv	BOBJ1	22	51.4	Before	Interior Girder 6	5.77	0.95	1	1	11.404678
Lane_serv_inv	BOBJ1	22	51.4	Before	Right Exterior Girder	5.77	0.95	1	1	13.7203
Lane_serv_inv	BOBJ1	23	51.4	After	Left Exterior Girder	5.77	0.95	1	1	13.336734
Lane_serv_inv	BOBJ1	23	51.4	After	Interior Girder 1	5.77	0.95	1	1	11.660092
Lane_serv_inv	BOBJ1	23	51.4	After	Interior Girder 2	5.77	0.95	1	1	11.339816
Lane_serv_inv	BOBJ1	23	51.4	After	Interior Girder 3	5.77	0.95	1	1	10.524097
Lane_serv_inv	BOBJ1	23	51.4	After	Interior Girder 4	5.77	0.95	1	1	10.524097
Lane_serv_inv	BOBJ1	23	51.4	After	Interior Girder 5	5.77	0.95	1	1	11.339816
Lane_serv_inv	BOBJ1	23	51.4	After	Interior Girder 6	5.77	0.95	1	1	11.660092
Lane_serv_inv	BOBJ1	23	51.4	After	Right Exterior Girder	5.77	0.95	1	1	13.336734
Lane_serv_inv	BOBJ1	24	57.17	Before	Left Exterior Girder	11.54	0.95	1	1	35.635411
Lane_serv_inv	BOBJ1	24	57.17	Before	Interior Girder 1	11.54	0.95	1	1	25.20372
Lane_serv_inv	BOBJ1	24	57.17	Before	Interior Girder 2	11.54	0.95	1	1	23.553108
Lane_serv_inv	BOBJ1	24	57.17	Before	Interior Girder 3	11.54	0.95	1	1	25.271445
Lane_serv_inv	BOBJ1	24	57.17	Before	Interior Girder 4	11.54	0.95	1	1	25.271445
Lane_serv_inv	BOBJ1	24	57.17	Before	Interior Girder 5	11.54	0.95	1	1	23.553108
Lane_serv_inv	BOBJ1	24	57.17	Before	Interior Girder 6	11.54	0.95	1	1	25.20372
Lane_serv_inv	BOBJ1	24	57.17	Before	Right Exterior Girder	11.54	0.95	1	1	35.635411
Lane_serv_inv	BOBJ1	25	57.17	After	Left Exterior Girder	11.54	0.95	1	1	34.162378
Lane_serv_inv	BOBJ1	25	57.17	After	Interior Girder 1	11.54	0.95	1	1	25.786355
Lane_serv_inv	BOBJ1	25	57.17	After	Interior Girder 2	11.54	0.95	1	1	23.62826
Lane_serv_inv	BOBJ1	25	57.17	After	Interior Girder 3	11.54	0.95	1	1	24.820046
Lane_serv_inv	BOBJ1	25	57.17	After	Interior Girder 4	11.54	0.95	1	1	24.820046
Lane_serv_inv	BOBJ1	25	57.17	After	Interior Girder 5	11.54	0.95	1	1	23.62826
Lane_serv_inv	BOBJ1	25	57.17	After	Interior Girder 6	11.54	0.95	1	1	25.786355

TABLE: Bridge Super Rating AASHTORATE18 31 - SteelICompServ-Flx - Approach, Span 16-19										
Request	BridgeObj	BridgeCut	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	Unitless	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Lane_serv_inv	BOBJ1	25	57.17	After	Right Exterior Girder	11.54	0.95	1	1	34.162378
Lane_serv_inv	BOBJ1	26	63.34	Before	Left Exterior Girder	17.71	0.95	1	1	24.219985
Lane_serv_inv	BOBJ1	26	63.34	Before	Interior Girder 1	17.71	0.95	1	1	19.87256
Lane_serv_inv	BOBJ1	26	63.34	Before	Interior Girder 2	17.71	0.95	1	1	19.350169
Lane_serv_inv	BOBJ1	26	63.34	Before	Interior Girder 3	17.71	0.95	1	1	19.260064
Lane_serv_inv	BOBJ1	26	63.34	Before	Interior Girder 4	17.71	0.95	1	1	19.260064
Lane_serv_inv	BOBJ1	26	63.34	Before	Interior Girder 5	17.71	0.95	1	1	19.350169
Lane_serv_inv	BOBJ1	26	63.34	Before	Interior Girder 6	17.71	0.95	1	1	19.87256
Lane_serv_inv	BOBJ1	26	63.34	Before	Right Exterior Girder	17.71	0.95	1	1	24.219985
Lane_serv_inv	BOBJ1	27	63.34	After	Left Exterior Girder	17.71	0.95	1	1	25.076256
Lane_serv_inv	BOBJ1	27	63.34	After	Interior Girder 1	17.71	0.95	1	1	19.444701
Lane_serv_inv	BOBJ1	27	63.34	After	Interior Girder 2	17.71	0.95	1	1	19.265626
Lane_serv_inv	BOBJ1	27	63.34	After	Interior Girder 3	17.71	0.95	1	1	19.601979
Lane_serv_inv	BOBJ1	27	63.34	After	Interior Girder 4	17.71	0.95	1	1	19.601979
Lane_serv_inv	BOBJ1	27	63.34	After	Interior Girder 5	17.71	0.95	1	1	19.265626
Lane_serv_inv	BOBJ1	27	63.34	After	Interior Girder 6	17.71	0.95	1	1	19.444701
Lane_serv_inv	BOBJ1	27	63.34	After	Right Exterior Girder	17.71	0.95	1	1	25.076256
Lane_serv_inv	BOBJ1	28	69.51	Before	Left Exterior Girder	23.88	0.95	1	1	14.246081
Lane_serv_inv	BOBJ1	28	69.51	Before	Interior Girder 1	23.88	0.95	1	1	12.63844
Lane_serv_inv	BOBJ1	28	69.51	Before	Interior Girder 2	23.88	0.95	1	1	12.465471
Lane_serv_inv	BOBJ1	28	69.51	Before	Interior Girder 3	23.88	0.95	1	1	12.664282
Lane_serv_inv	BOBJ1	28	69.51	Before	Interior Girder 4	23.88	0.95	1	1	12.664282
Lane_serv_inv	BOBJ1	28	69.51	Before	Interior Girder 5	23.88	0.95	1	1	12.465471
Lane_serv_inv	BOBJ1	28	69.51	Before	Interior Girder 6	23.88	0.95	1	1	12.63844
Lane_serv_inv	BOBJ1	28	69.51	Before	Right Exterior Girder	23.88	0.95	1	1	14.246081
Lane_serv_inv	BOBJ1	29	69.51	After	Left Exterior Girder	23.88	0.95	1	1	14.271942
Lane_serv_inv	BOBJ1	29	69.51	After	Interior Girder 1	23.88	0.95	1	1	12.63071
Lane_serv_inv	BOBJ1	29	69.51	After	Interior Girder 2	23.88	0.95	1	1	12.539888
Lane_serv_inv	BOBJ1	29	69.51	After	Interior Girder 3	23.88	0.95	1	1	12.872294
Lane_serv_inv	BOBJ1	29	69.51	After	Interior Girder 4	23.88	0.95	1	1	12.872294
Lane_serv_inv	BOBJ1	29	69.51	After	Interior Girder 5	23.88	0.95	1	1	12.539888
Lane_serv_inv	BOBJ1	29	69.51	After	Interior Girder 6	23.88	0.95	1	1	12.63071
Lane_serv_inv	BOBJ1	29	69.51	After	Right Exterior Girder	23.88	0.95	1	1	14.271942
Lane_serv_inv	BOBJ1	30	75.68	Before	Left Exterior Girder	30.05	0.95	1	1	10.396337
Lane_serv_inv	BOBJ1	30	75.68	Before	Interior Girder 1	30.05	0.95	1	1	10.700053
Lane_serv_inv	BOBJ1	30	75.68	Before	Interior Girder 2	30.05	0.95	1	1	10.496772
Lane_serv_inv	BOBJ1	30	75.68	Before	Interior Girder 3	30.05	0.95	1	1	10.718222
Lane_serv_inv	BOBJ1	30	75.68	Before	Interior Girder 4	30.05	0.95	1	1	10.718222
Lane_serv_inv	BOBJ1	30	75.68	Before	Interior Girder 5	30.05	0.95	1	1	10.496772
Lane_serv_inv	BOBJ1	30	75.68	Before	Interior Girder 6	30.05	0.95	1	1	10.700053
Lane_serv_inv	BOBJ1	30	75.68	Before	Right Exterior Girder	30.05	0.95	1	1	10.396337
Lane_serv_inv	BOBJ1	31	75.68	After	Left Exterior Girder	30.05	0.95	1	1	10.464607
Lane_serv_inv	BOBJ1	31	75.68	After	Interior Girder 1	30.05	0.95	1	1	10.648613
Lane_serv_inv	BOBJ1	31	75.68	After	Interior Girder 2	30.05	0.95	1	1	10.495287
Lane_serv_inv	BOBJ1	31	75.68	After	Interior Girder 3	30.05	0.95	1	1	10.724934
Lane_serv_inv	BOBJ1	31	75.68	After	Interior Girder 4	30.05	0.95	1	1	10.724934
Lane_serv_inv	BOBJ1	31	75.68	After	Interior Girder 5	30.05	0.95	1	1	10.495287
Lane_serv_inv	BOBJ1	31	75.68	After	Interior Girder 6	30.05	0.95	1	1	10.648613
Lane_serv_inv	BOBJ1	31	75.68	After	Right Exterior Girder	30.05	0.95	1	1	10.464607
Lane_serv_inv	BOBJ1	32	81.8467	Before	Left Exterior Girder	36.2167	0.95	1	1	10.768737
Lane_serv_inv	BOBJ1	32	81.8467	Before	Interior Girder 1	36.2167	0.95	1	1	10.00105
Lane_serv_inv	BOBJ1	32	81.8467	Before	Interior Girder 2	36.2167	0.95	1	1	9.96565
Lane_serv_inv	BOBJ1	32	81.8467	Before	Interior Girder 3	36.2167	0.95	1	1	10.265563
Lane_serv_inv	BOBJ1	32	81.8467	Before	Interior Girder 4	36.2167	0.95	1	1	10.265563
Lane_serv_inv	BOBJ1	32	81.8467	Before	Interior Girder 5	36.2167	0.95	1	1	9.96565
Lane_serv_inv	BOBJ1	32	81.8467	Before	Interior Girder 6	36.2167	0.95	1	1	10.00105
Lane_serv_inv	BOBJ1	32	81.8467	Before	Right Exterior Girder	36.2167	0.95	1	1	10.768737
Lane_serv_inv	BOBJ1	33	81.8467	After	Left Exterior Girder	36.2167	0.95	1	1	10.856113
Lane_serv_inv	BOBJ1	33	81.8467	After	Interior Girder 1	36.2167	0.95	1	1	9.944787
Lane_serv_inv	BOBJ1	33	81.8467	After	Interior Girder 2	36.2167	0.95	1	1	9.918721
Lane_serv_inv	BOBJ1	33	81.8467	After	Interior Girder 3	36.2167	0.95	1	1	10.189454
Lane_serv_inv	BOBJ1	33	81.8467	After	Interior Girder 4	36.2167	0.95	1	1	10.189454
Lane_serv_inv	BOBJ1	33	81.8467	After	Interior Girder 5	36.2167	0.95	1	1	9.918721
Lane_serv_inv	BOBJ1	33	81.8467	After	Interior Girder 6	36.2167	0.95	1	1	9.944787
Lane_serv_inv	BOBJ1	33	81.8467	After	Right Exterior Girder	36.2167	0.95	1	1	10.856113
Lane_serv_inv	BOBJ1	34	88.0133	Before	Left Exterior Girder	42.3833	0.95	1	1	12.782919
Lane_serv_inv	BOBJ1	34	88.0133	Before	Interior Girder 1	42.3833	0.95	1	1	11.358016
Lane_serv_inv	BOBJ1	34	88.0133	Before	Interior Girder 2	42.3833	0.95	1	1	11.331794
Lane_serv_inv	BOBJ1	34	88.0133	Before	Interior Girder 3	42.3833	0.95	1	1	11.653688
Lane_serv_inv	BOBJ1	34	88.0133	Before	Interior Girder 4	42.3833	0.95	1	1	11.653688
Lane_serv_inv	BOBJ1	34	88.0133	Before	Interior Girder 5	42.3833	0.95	1	1	11.331794
Lane_serv_inv	BOBJ1	34	88.0133	Before	Interior Girder 6	42.3833	0.95	1	1	11.358016
Lane_serv_inv	BOBJ1	34	88.0133	Before	Right Exterior Girder	42.3833	0.95	1	1	12.782919

TABLE: Bridge Super Rating AASHTORATE18 31 - SteelICompServ-Flx - Approach, Span 16-19										
Request	BridgeObj	BridgeCut	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	Unitless	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Lane_serv_inv	BOBJ1	35	88.0133	After	Left Exterior Girder	42.3833	0.95	1	1	12.532838
Lane_serv_inv	BOBJ1	35	88.0133	After	Interior Girder 1	42.3833	0.95	1	1	11.510678
Lane_serv_inv	BOBJ1	35	88.0133	After	Interior Girder 2	42.3833	0.95	1	1	11.385897
Lane_serv_inv	BOBJ1	35	88.0133	After	Interior Girder 3	42.3833	0.95	1	1	11.60097
Lane_serv_inv	BOBJ1	35	88.0133	After	Interior Girder 4	42.3833	0.95	1	1	11.60097
Lane_serv_inv	BOBJ1	35	88.0133	After	Interior Girder 5	42.3833	0.95	1	1	11.385897
Lane_serv_inv	BOBJ1	35	88.0133	After	Interior Girder 6	42.3833	0.95	1	1	11.510678
Lane_serv_inv	BOBJ1	35	88.0133	After	Right Exterior Girder	42.3833	0.95	1	1	12.532838
Lane_serv_inv	BOBJ1	36	94.18	Before	Left Exterior Girder	48.55	0.95	1	1	16.997156
Lane_serv_inv	BOBJ1	36	94.18	Before	Interior Girder 1	48.55	0.95	1	1	16.857825
Lane_serv_inv	BOBJ1	36	94.18	Before	Interior Girder 2	48.55	0.95	1	1	16.305244
Lane_serv_inv	BOBJ1	36	94.18	Before	Interior Girder 3	48.55	0.95	1	1	16.576659
Lane_serv_inv	BOBJ1	36	94.18	Before	Interior Girder 4	48.55	0.95	1	1	16.576659
Lane_serv_inv	BOBJ1	36	94.18	Before	Interior Girder 5	48.55	0.95	1	1	16.305244
Lane_serv_inv	BOBJ1	36	94.18	Before	Interior Girder 6	48.55	0.95	1	1	16.857825
Lane_serv_inv	BOBJ1	36	94.18	Before	Right Exterior Girder	48.55	0.95	1	1	16.997156
Lane_serv_inv	BOBJ1	37	94.18	After	Left Exterior Girder	48.55	0.95	1	1	16.718123
Lane_serv_inv	BOBJ1	37	94.18	After	Interior Girder 1	48.55	0.95	1	1	17.131145
Lane_serv_inv	BOBJ1	37	94.18	After	Interior Girder 2	48.55	0.95	1	1	16.3081
Lane_serv_inv	BOBJ1	37	94.18	After	Interior Girder 3	48.55	0.95	1	1	16.484089
Lane_serv_inv	BOBJ1	37	94.18	After	Interior Girder 4	48.55	0.95	1	1	16.484089
Lane_serv_inv	BOBJ1	37	94.18	After	Interior Girder 5	48.55	0.95	1	1	16.3081
Lane_serv_inv	BOBJ1	37	94.18	After	Interior Girder 6	48.55	0.95	1	1	17.131145
Lane_serv_inv	BOBJ1	37	94.18	After	Right Exterior Girder	48.55	0.95	1	1	16.718123
Lane_serv_inv	BOBJ1	38	100.3567	Before	Left Exterior Girder	54.7267	0.95	1	1	27.08977
Lane_serv_inv	BOBJ1	38	100.3567	Before	Interior Girder 1	54.7267	0.95	1	1	22.856712
Lane_serv_inv	BOBJ1	38	100.3567	Before	Interior Girder 2	54.7267	0.95	1	1	21.011395
Lane_serv_inv	BOBJ1	38	100.3567	Before	Interior Girder 3	54.7267	0.95	1	1	21.434756
Lane_serv_inv	BOBJ1	38	100.3567	Before	Interior Girder 4	54.7267	0.95	1	1	21.434756
Lane_serv_inv	BOBJ1	38	100.3567	Before	Interior Girder 5	54.7267	0.95	1	1	21.011395
Lane_serv_inv	BOBJ1	38	100.3567	Before	Interior Girder 6	54.7267	0.95	1	1	22.856712
Lane_serv_inv	BOBJ1	38	100.3567	Before	Right Exterior Girder	54.7267	0.95	1	1	27.08977
Lane_serv_inv	BOBJ1	39	100.3567	After	Left Exterior Girder	54.7267	0.95	1	1	27.967461
Lane_serv_inv	BOBJ1	39	100.3567	After	Interior Girder 1	54.7267	0.95	1	1	22.476801
Lane_serv_inv	BOBJ1	39	100.3567	After	Interior Girder 2	54.7267	0.95	1	1	21.06245
Lane_serv_inv	BOBJ1	39	100.3567	After	Interior Girder 3	54.7267	0.95	1	1	21.744356
Lane_serv_inv	BOBJ1	39	100.3567	After	Interior Girder 4	54.7267	0.95	1	1	21.744356
Lane_serv_inv	BOBJ1	39	100.3567	After	Interior Girder 5	54.7267	0.95	1	1	21.06245
Lane_serv_inv	BOBJ1	39	100.3567	After	Interior Girder 6	54.7267	0.95	1	1	22.476801
Lane_serv_inv	BOBJ1	39	100.3567	After	Right Exterior Girder	54.7267	0.95	1	1	27.967461
Lane_serv_inv	BOBJ1	40	106.5333	Before	Left Exterior Girder	60.9033	0.95	1	1	12.571593
Lane_serv_inv	BOBJ1	40	106.5333	Before	Interior Girder 1	60.9033	0.95	1	1	11.359512
Lane_serv_inv	BOBJ1	40	106.5333	Before	Interior Girder 2	60.9033	0.95	1	1	10.831376
Lane_serv_inv	BOBJ1	40	106.5333	Before	Interior Girder 3	60.9033	0.95	1	1	10.119923
Lane_serv_inv	BOBJ1	40	106.5333	Before	Interior Girder 4	60.9033	0.95	1	1	10.119923
Lane_serv_inv	BOBJ1	40	106.5333	Before	Interior Girder 5	60.9033	0.95	1	1	10.831376
Lane_serv_inv	BOBJ1	40	106.5333	Before	Interior Girder 6	60.9033	0.95	1	1	11.359512
Lane_serv_inv	BOBJ1	40	106.5333	Before	Right Exterior Girder	60.9033	0.95	1	1	12.571593
Lane_serv_inv	BOBJ1	41	106.5333	After	Left Exterior Girder	60.9033	0.95	1	1	12.979756
Lane_serv_inv	BOBJ1	41	106.5333	After	Interior Girder 1	60.9033	0.95	1	1	11.051613
Lane_serv_inv	BOBJ1	41	106.5333	After	Interior Girder 2	60.9033	0.95	1	1	10.793227
Lane_serv_inv	BOBJ1	41	106.5333	After	Interior Girder 3	60.9033	0.95	1	1	10.214736
Lane_serv_inv	BOBJ1	41	106.5333	After	Interior Girder 4	60.9033	0.95	1	1	10.214736
Lane_serv_inv	BOBJ1	41	106.5333	After	Interior Girder 5	60.9033	0.95	1	1	10.793227
Lane_serv_inv	BOBJ1	41	106.5333	After	Interior Girder 6	60.9033	0.95	1	1	11.051613
Lane_serv_inv	BOBJ1	41	106.5333	After	Right Exterior Girder	60.9033	0.95	1	1	12.979756
Lane_serv_inv	BOBJ1	42	108.2102	Before	Left Exterior Girder	62.5802	0.95	1	1	9.468986
Lane_serv_inv	BOBJ1	42	108.2102	Before	Right Exterior Girder	62.5802	0.95	1	1	9.468986
Lane_serv_inv	BOBJ1	43	108.2102	After	Left Exterior Girder	62.5802	0.95	1	1	14.181093
Lane_serv_inv	BOBJ1	43	108.2102	After	Right Exterior Girder	62.5802	0.95	1	1	14.181093
Lane_serv_inv	BOBJ1	44	112.71	Before	Left Exterior Girder	67.08	0.95	1	1	7.690896
Lane_serv_inv	BOBJ1	44	112.71	Before	Interior Girder 1	67.08	0.95	1	1	4.756895
Lane_serv_inv	BOBJ1	44	112.71	Before	Interior Girder 2	67.08	0.95	1	1	4.805768
Lane_serv_inv	BOBJ1	44	112.71	Before	Interior Girder 3	67.08	0.95	1	1	4.177078
Lane_serv_inv	BOBJ1	44	112.71	Before	Interior Girder 4	67.08	0.95	1	1	4.177078
Lane_serv_inv	BOBJ1	44	112.71	Before	Interior Girder 5	67.08	0.95	1	1	4.805768
Lane_serv_inv	BOBJ1	44	112.71	Before	Interior Girder 6	67.08	0.95	1	1	4.756895
Lane_serv_inv	BOBJ1	44	112.71	Before	Right Exterior Girder	67.08	0.95	1	1	7.690896
Lane_serv_inv	BOBJ1	45	112.71	After	Left Exterior Girder	0	0.95	1	1	7.842768
Lane_serv_inv	BOBJ1	45	112.71	After	Interior Girder 1	0	0.95	1	1	4.778255
Lane_serv_inv	BOBJ1	45	112.71	After	Interior Girder 2	0	0.95	1	1	4.81277
Lane_serv_inv	BOBJ1	45	112.71	After	Interior Girder 3	0	0.95	1	1	4.215551
Lane_serv_inv	BOBJ1	45	112.71	After	Interior Girder 4	0	0.95	1	1	4.215551

TABLE: Bridge Super Rating AASHTORATE18 31 - SteelICompServ-Flx - Approach, Span 16-19										
Request	BridgeObj	BridgeCut	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	Unitless	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Lane_serv_inv	BOBJ1	45	112.71	After	Interior Girder 5	0	0.95	1	1	4.81277
Lane_serv_inv	BOBJ1	45	112.71	After	Interior Girder 6	0	0.95	1	1	4.778255
Lane_serv_inv	BOBJ1	45	112.71	After	Right Exterior Girder	0	0.95	1	1	7.842768
Lane_serv_inv	BOBJ1	46	117.21	Before	Left Exterior Girder	4.5	0.95	1	1	13.087919
Lane_serv_inv	BOBJ1	46	117.21	Before	Right Exterior Girder	4.5	0.95	1	1	13.087919
Lane_serv_inv	BOBJ1	47	117.21	After	Left Exterior Girder	4.5	0.95	1	1	8.762111
Lane_serv_inv	BOBJ1	47	117.21	After	Right Exterior Girder	4.5	0.95	1	1	8.762111
Lane_serv_inv	BOBJ1	48	119.1	Before	Left Exterior Girder	6.39	0.95	1	1	11.282963
Lane_serv_inv	BOBJ1	48	119.1	Before	Interior Girder 1	6.39	0.95	1	1	10.0188
Lane_serv_inv	BOBJ1	48	119.1	Before	Interior Girder 2	6.39	0.95	1	1	9.881313
Lane_serv_inv	BOBJ1	48	119.1	Before	Interior Girder 3	6.39	0.95	1	1	9.586303
Lane_serv_inv	BOBJ1	48	119.1	Before	Interior Girder 4	6.39	0.95	1	1	9.586303
Lane_serv_inv	BOBJ1	48	119.1	Before	Interior Girder 5	6.39	0.95	1	1	9.881313
Lane_serv_inv	BOBJ1	48	119.1	Before	Interior Girder 6	6.39	0.95	1	1	10.0188
Lane_serv_inv	BOBJ1	48	119.1	Before	Right Exterior Girder	6.39	0.95	1	1	11.282963
Lane_serv_inv	BOBJ1	49	119.1	After	Left Exterior Girder	6.39	0.95	1	1	10.952005
Lane_serv_inv	BOBJ1	49	119.1	After	Interior Girder 1	6.39	0.95	1	1	10.238726
Lane_serv_inv	BOBJ1	49	119.1	After	Interior Girder 2	6.39	0.95	1	1	9.864054
Lane_serv_inv	BOBJ1	49	119.1	After	Interior Girder 3	6.39	0.95	1	1	9.492884
Lane_serv_inv	BOBJ1	49	119.1	After	Interior Girder 4	6.39	0.95	1	1	9.492884
Lane_serv_inv	BOBJ1	49	119.1	After	Interior Girder 5	6.39	0.95	1	1	9.864054
Lane_serv_inv	BOBJ1	49	119.1	After	Interior Girder 6	6.39	0.95	1	1	10.238726
Lane_serv_inv	BOBJ1	49	119.1	After	Right Exterior Girder	6.39	0.95	1	1	10.952005
Lane_serv_inv	BOBJ1	50	125.49	Before	Left Exterior Girder	12.78	0.95	1	1	16.802987
Lane_serv_inv	BOBJ1	50	125.49	Before	Interior Girder 1	12.78	0.95	1	1	15.115585
Lane_serv_inv	BOBJ1	50	125.49	Before	Interior Girder 2	12.78	0.95	1	1	14.697165
Lane_serv_inv	BOBJ1	50	125.49	Before	Interior Girder 3	12.78	0.95	1	1	15.733745
Lane_serv_inv	BOBJ1	50	125.49	Before	Interior Girder 4	12.78	0.95	1	1	15.733745
Lane_serv_inv	BOBJ1	50	125.49	Before	Interior Girder 5	12.78	0.95	1	1	14.697165
Lane_serv_inv	BOBJ1	50	125.49	Before	Interior Girder 6	12.78	0.95	1	1	15.115585
Lane_serv_inv	BOBJ1	50	125.49	Before	Right Exterior Girder	12.78	0.95	1	1	16.802987
Lane_serv_inv	BOBJ1	51	125.49	After	Left Exterior Girder	12.78	0.95	1	1	16.65245
Lane_serv_inv	BOBJ1	51	125.49	After	Interior Girder 1	12.78	0.95	1	1	15.205945
Lane_serv_inv	BOBJ1	51	125.49	After	Interior Girder 2	12.78	0.95	1	1	14.774136
Lane_serv_inv	BOBJ1	51	125.49	After	Interior Girder 3	12.78	0.95	1	1	15.690212
Lane_serv_inv	BOBJ1	51	125.49	After	Interior Girder 4	12.78	0.95	1	1	15.690212
Lane_serv_inv	BOBJ1	51	125.49	After	Interior Girder 5	12.78	0.95	1	1	14.774136
Lane_serv_inv	BOBJ1	51	125.49	After	Interior Girder 6	12.78	0.95	1	1	15.205945
Lane_serv_inv	BOBJ1	51	125.49	After	Right Exterior Girder	12.78	0.95	1	1	16.65245
Lane_serv_inv	BOBJ1	52	131.88	Before	Left Exterior Girder	19.17	0.95	1	1	18.751688
Lane_serv_inv	BOBJ1	52	131.88	Before	Interior Girder 1	19.17	0.95	1	1	16.757179
Lane_serv_inv	BOBJ1	52	131.88	Before	Interior Girder 2	19.17	0.95	1	1	16.843499
Lane_serv_inv	BOBJ1	52	131.88	Before	Interior Girder 3	19.17	0.95	1	1	18.262019
Lane_serv_inv	BOBJ1	52	131.88	Before	Interior Girder 4	19.17	0.95	1	1	18.262019
Lane_serv_inv	BOBJ1	52	131.88	Before	Interior Girder 5	19.17	0.95	1	1	16.843499
Lane_serv_inv	BOBJ1	52	131.88	Before	Interior Girder 6	19.17	0.95	1	1	16.757179
Lane_serv_inv	BOBJ1	52	131.88	Before	Right Exterior Girder	19.17	0.95	1	1	18.751688
Lane_serv_inv	BOBJ1	53	131.88	After	Left Exterior Girder	19.17	0.95	1	1	18.644973
Lane_serv_inv	BOBJ1	53	131.88	After	Interior Girder 1	19.17	0.95	1	1	16.840772
Lane_serv_inv	BOBJ1	53	131.88	After	Interior Girder 2	19.17	0.95	1	1	16.933822
Lane_serv_inv	BOBJ1	53	131.88	After	Interior Girder 3	19.17	0.95	1	1	18.501444
Lane_serv_inv	BOBJ1	53	131.88	After	Interior Girder 4	19.17	0.95	1	1	18.501444
Lane_serv_inv	BOBJ1	53	131.88	After	Interior Girder 5	19.17	0.95	1	1	16.933822
Lane_serv_inv	BOBJ1	53	131.88	After	Interior Girder 6	19.17	0.95	1	1	16.840772
Lane_serv_inv	BOBJ1	53	131.88	After	Right Exterior Girder	19.17	0.95	1	1	18.644973
Lane_serv_inv	BOBJ1	54	138.27	Before	Left Exterior Girder	25.56	0.95	1	1	18.257237
Lane_serv_inv	BOBJ1	54	138.27	Before	Interior Girder 1	25.56	0.95	1	1	15.243762
Lane_serv_inv	BOBJ1	54	138.27	Before	Interior Girder 2	25.56	0.95	1	1	14.757835
Lane_serv_inv	BOBJ1	54	138.27	Before	Interior Girder 3	25.56	0.95	1	1	14.645038
Lane_serv_inv	BOBJ1	54	138.27	Before	Interior Girder 4	25.56	0.95	1	1	14.645038
Lane_serv_inv	BOBJ1	54	138.27	Before	Interior Girder 5	25.56	0.95	1	1	14.757835
Lane_serv_inv	BOBJ1	54	138.27	Before	Interior Girder 6	25.56	0.95	1	1	15.243762
Lane_serv_inv	BOBJ1	54	138.27	Before	Right Exterior Girder	25.56	0.95	1	1	18.257237
Lane_serv_inv	BOBJ1	55	138.27	After	Left Exterior Girder	25.56	0.95	1	1	18.485295
Lane_serv_inv	BOBJ1	55	138.27	After	Interior Girder 1	25.56	0.95	1	1	15.11623
Lane_serv_inv	BOBJ1	55	138.27	After	Interior Girder 2	25.56	0.95	1	1	14.691777
Lane_serv_inv	BOBJ1	55	138.27	After	Interior Girder 3	25.56	0.95	1	1	14.635189
Lane_serv_inv	BOBJ1	55	138.27	After	Interior Girder 4	25.56	0.95	1	1	14.635189
Lane_serv_inv	BOBJ1	55	138.27	After	Interior Girder 5	25.56	0.95	1	1	14.691777
Lane_serv_inv	BOBJ1	55	138.27	After	Interior Girder 6	25.56	0.95	1	1	15.11623
Lane_serv_inv	BOBJ1	55	138.27	After	Right Exterior Girder	25.56	0.95	1	1	18.485295
Lane_serv_inv	BOBJ1	56	144.66	Before	Left Exterior Girder	31.95	0.95	1	1	19.254644
Lane_serv_inv	BOBJ1	56	144.66	Before	Interior Girder 1	31.95	0.95	1	1	15.463102

TABLE: Bridge Super Rating AASHTORATE18 31 - SteelICompServ-Flx - Approach, Span 16-19										
Request	BridgeObj	BridgeCut	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	Unitless	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Lane_serv_inv	BOBJ1	56	144.66	Before	Interior Girder 2	31.95	0.95	1	1	15.035993
Lane_serv_inv	BOBJ1	56	144.66	Before	Interior Girder 3	31.95	0.95	1	1	14.955958
Lane_serv_inv	BOBJ1	56	144.66	Before	Interior Girder 4	31.95	0.95	1	1	14.955958
Lane_serv_inv	BOBJ1	56	144.66	Before	Interior Girder 5	31.95	0.95	1	1	15.035993
Lane_serv_inv	BOBJ1	56	144.66	Before	Interior Girder 6	31.95	0.95	1	1	15.463102
Lane_serv_inv	BOBJ1	56	144.66	Before	Right Exterior Girder	31.95	0.95	1	1	19.254644
Lane_serv_inv	BOBJ1	57	144.66	After	Left Exterior Girder	31.95	0.95	1	1	18.921542
Lane_serv_inv	BOBJ1	57	144.66	After	Interior Girder 1	31.95	0.95	1	1	15.646619
Lane_serv_inv	BOBJ1	57	144.66	After	Interior Girder 2	31.95	0.95	1	1	15.104417
Lane_serv_inv	BOBJ1	57	144.66	After	Interior Girder 3	31.95	0.95	1	1	14.935521
Lane_serv_inv	BOBJ1	57	144.66	After	Interior Girder 4	31.95	0.95	1	1	14.935521
Lane_serv_inv	BOBJ1	57	144.66	After	Interior Girder 5	31.95	0.95	1	1	15.104417
Lane_serv_inv	BOBJ1	57	144.66	After	Interior Girder 6	31.95	0.95	1	1	15.646619
Lane_serv_inv	BOBJ1	57	144.66	After	Right Exterior Girder	31.95	0.95	1	1	18.921542
Lane_serv_inv	BOBJ1	58	151.05	Before	Left Exterior Girder	38.34	0.95	1	1	20.465813
Lane_serv_inv	BOBJ1	58	151.05	Before	Interior Girder 1	38.34	0.95	1	1	18.395727
Lane_serv_inv	BOBJ1	58	151.05	Before	Interior Girder 2	38.34	0.95	1	1	18.345219
Lane_serv_inv	BOBJ1	58	151.05	Before	Interior Girder 3	38.34	0.95	1	1	20.00774
Lane_serv_inv	BOBJ1	58	151.05	Before	Interior Girder 4	38.34	0.95	1	1	20.00774
Lane_serv_inv	BOBJ1	58	151.05	Before	Interior Girder 5	38.34	0.95	1	1	18.345219
Lane_serv_inv	BOBJ1	58	151.05	Before	Interior Girder 6	38.34	0.95	1	1	18.395727
Lane_serv_inv	BOBJ1	58	151.05	Before	Right Exterior Girder	38.34	0.95	1	1	20.465813
Lane_serv_inv	BOBJ1	59	151.05	After	Left Exterior Girder	38.34	0.95	1	1	20.469808
Lane_serv_inv	BOBJ1	59	151.05	After	Interior Girder 1	38.34	0.95	1	1	18.382598
Lane_serv_inv	BOBJ1	59	151.05	After	Interior Girder 2	38.34	0.95	1	1	18.234232
Lane_serv_inv	BOBJ1	59	151.05	After	Interior Girder 3	38.34	0.95	1	1	19.689596
Lane_serv_inv	BOBJ1	59	151.05	After	Interior Girder 4	38.34	0.95	1	1	19.689596
Lane_serv_inv	BOBJ1	59	151.05	After	Interior Girder 5	38.34	0.95	1	1	18.234232
Lane_serv_inv	BOBJ1	59	151.05	After	Interior Girder 6	38.34	0.95	1	1	18.382598
Lane_serv_inv	BOBJ1	59	151.05	After	Right Exterior Girder	38.34	0.95	1	1	20.469808
Lane_serv_inv	BOBJ1	60	157.4367	Before	Left Exterior Girder	44.7267	0.95	1	1	19.361469
Lane_serv_inv	BOBJ1	60	157.4367	Before	Interior Girder 1	44.7267	0.95	1	1	17.427336
Lane_serv_inv	BOBJ1	60	157.4367	Before	Interior Girder 2	44.7267	0.95	1	1	16.524301
Lane_serv_inv	BOBJ1	60	157.4367	Before	Interior Girder 3	44.7267	0.95	1	1	17.658866
Lane_serv_inv	BOBJ1	60	157.4367	Before	Interior Girder 4	44.7267	0.95	1	1	17.658866
Lane_serv_inv	BOBJ1	60	157.4367	Before	Interior Girder 5	44.7267	0.95	1	1	16.524301
Lane_serv_inv	BOBJ1	60	157.4367	Before	Interior Girder 6	44.7267	0.95	1	1	17.427336
Lane_serv_inv	BOBJ1	60	157.4367	Before	Right Exterior Girder	44.7267	0.95	1	1	19.361469
Lane_serv_inv	BOBJ1	61	157.4367	After	Left Exterior Girder	44.7267	0.95	1	1	19.507126
Lane_serv_inv	BOBJ1	61	157.4367	After	Interior Girder 1	44.7267	0.95	1	1	17.394399
Lane_serv_inv	BOBJ1	61	157.4367	After	Interior Girder 2	44.7267	0.95	1	1	16.529145
Lane_serv_inv	BOBJ1	61	157.4367	After	Interior Girder 3	44.7267	0.95	1	1	17.687506
Lane_serv_inv	BOBJ1	61	157.4367	After	Interior Girder 4	44.7267	0.95	1	1	17.687506
Lane_serv_inv	BOBJ1	61	157.4367	After	Interior Girder 5	44.7267	0.95	1	1	16.529145
Lane_serv_inv	BOBJ1	61	157.4367	After	Interior Girder 6	44.7267	0.95	1	1	17.394399
Lane_serv_inv	BOBJ1	61	157.4367	After	Right Exterior Girder	44.7267	0.95	1	1	19.507126
Lane_serv_inv	BOBJ1	62	158.71	Before	Left Exterior Girder	46	0.95	1	1	18.390107
Lane_serv_inv	BOBJ1	62	158.71	Before	Interior Girder 1	46	0.95	1	1	16.717825
Lane_serv_inv	BOBJ1	62	158.71	Before	Interior Girder 2	46	0.95	1	1	15.82474
Lane_serv_inv	BOBJ1	62	158.71	Before	Interior Girder 3	46	0.95	1	1	16.215827
Lane_serv_inv	BOBJ1	62	158.71	Before	Interior Girder 4	46	0.95	1	1	16.215827
Lane_serv_inv	BOBJ1	62	158.71	Before	Interior Girder 5	46	0.95	1	1	15.82474
Lane_serv_inv	BOBJ1	62	158.71	Before	Interior Girder 6	46	0.95	1	1	16.717825
Lane_serv_inv	BOBJ1	62	158.71	Before	Right Exterior Girder	46	0.95	1	1	18.390107
Lane_serv_inv	BOBJ1	63	158.71	After	Left Exterior Girder	46	0.95	1	1	25.249403
Lane_serv_inv	BOBJ1	63	158.71	After	Interior Girder 1	46	0.95	1	1	20.949198
Lane_serv_inv	BOBJ1	63	158.71	After	Interior Girder 2	46	0.95	1	1	19.827092
Lane_serv_inv	BOBJ1	63	158.71	After	Interior Girder 3	46	0.95	1	1	20.457909
Lane_serv_inv	BOBJ1	63	158.71	After	Interior Girder 4	46	0.95	1	1	20.457909
Lane_serv_inv	BOBJ1	63	158.71	After	Interior Girder 5	46	0.95	1	1	19.827092
Lane_serv_inv	BOBJ1	63	158.71	After	Interior Girder 6	46	0.95	1	1	20.949198
Lane_serv_inv	BOBJ1	63	158.71	After	Right Exterior Girder	46	0.95	1	1	25.249403
Lane_serv_inv	BOBJ1	64	163.8233	Before	Left Exterior Girder	51.1133	0.95	1	1	15.855079
Lane_serv_inv	BOBJ1	64	163.8233	Before	Interior Girder 1	51.1133	0.95	1	1	13.663373
Lane_serv_inv	BOBJ1	64	163.8233	Before	Interior Girder 2	51.1133	0.95	1	1	13.029405
Lane_serv_inv	BOBJ1	64	163.8233	Before	Interior Girder 3	51.1133	0.95	1	1	12.207634
Lane_serv_inv	BOBJ1	64	163.8233	Before	Interior Girder 4	51.1133	0.95	1	1	12.207634
Lane_serv_inv	BOBJ1	64	163.8233	Before	Interior Girder 5	51.1133	0.95	1	1	13.029405
Lane_serv_inv	BOBJ1	64	163.8233	Before	Interior Girder 6	51.1133	0.95	1	1	13.663373
Lane_serv_inv	BOBJ1	64	163.8233	Before	Right Exterior Girder	51.1133	0.95	1	1	15.855079
Lane_serv_inv	BOBJ1	65	163.8233	After	Left Exterior Girder	51.1133	0.95	1	1	16.249996
Lane_serv_inv	BOBJ1	65	163.8233	After	Interior Girder 1	51.1133	0.95	1	1	13.425889
Lane_serv_inv	BOBJ1	65	163.8233	After	Interior Girder 2	51.1133	0.95	1	1	13.004818

TABLE: Bridge Super Rating AASHTORATE18 31 - SteelICompServ-Flx - Approach, Span 16-19										
Request	BridgeObj	BridgeCut	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	Unitless	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Lane_serv_inv	BOBJ1	65	163.8233	After	Interior Girder 3	51.1133	0.95	1	1	12.297838
Lane_serv_inv	BOBJ1	65	163.8233	After	Interior Girder 4	51.1133	0.95	1	1	12.297838
Lane_serv_inv	BOBJ1	65	163.8233	After	Interior Girder 5	51.1133	0.95	1	1	13.004818
Lane_serv_inv	BOBJ1	65	163.8233	After	Interior Girder 6	51.1133	0.95	1	1	13.425889
Lane_serv_inv	BOBJ1	65	163.8233	After	Right Exterior Girder	51.1133	0.95	1	1	16.249996
Lane_serv_inv	BOBJ1	66	164.71	Before	Left Exterior Girder	52	0.95	1	1	14.399757
Lane_serv_inv	BOBJ1	66	164.71	Before	Right Exterior Girder	52	0.95	1	1	14.399757
Lane_serv_inv	BOBJ1	67	164.71	After	Left Exterior Girder	52	0.95	1	1	22.221448
Lane_serv_inv	BOBJ1	67	164.71	After	Right Exterior Girder	52	0.95	1	1	22.221448
Lane_serv_inv	BOBJ1	68	170.21	Before	Left Exterior Girder	57.5	0.95	1	1	12.261622
Lane_serv_inv	BOBJ1	68	170.21	Before	Interior Girder 1	57.5	0.95	1	1	6.409101
Lane_serv_inv	BOBJ1	68	170.21	Before	Interior Girder 2	57.5	0.95	1	1	6.401644
Lane_serv_inv	BOBJ1	68	170.21	Before	Interior Girder 3	57.5	0.95	1	1	5.542695
Lane_serv_inv	BOBJ1	68	170.21	Before	Interior Girder 4	57.5	0.95	1	1	5.542695
Lane_serv_inv	BOBJ1	68	170.21	Before	Interior Girder 5	57.5	0.95	1	1	6.401644
Lane_serv_inv	BOBJ1	68	170.21	Before	Interior Girder 6	57.5	0.95	1	1	6.409101
Lane_serv_inv	BOBJ1	68	170.21	Before	Right Exterior Girder	57.5	0.95	1	1	12.261622
Lane_serv_inv	BOBJ1	69	170.21	After	Left Exterior Girder	0	0.95	1	1	12.1647
Lane_serv_inv	BOBJ1	69	170.21	After	Interior Girder 1	0	0.95	1	1	6.439252
Lane_serv_inv	BOBJ1	69	170.21	After	Interior Girder 2	0	0.95	1	1	6.403454
Lane_serv_inv	BOBJ1	69	170.21	After	Interior Girder 3	0	0.95	1	1	5.526522
Lane_serv_inv	BOBJ1	69	170.21	After	Interior Girder 4	0	0.95	1	1	5.526522
Lane_serv_inv	BOBJ1	69	170.21	After	Interior Girder 5	0	0.95	1	1	6.403454
Lane_serv_inv	BOBJ1	69	170.21	After	Interior Girder 6	0	0.95	1	1	6.439252
Lane_serv_inv	BOBJ1	69	170.21	After	Right Exterior Girder	0	0.95	1	1	12.1647
Lane_serv_inv	BOBJ1	70	176.21	Before	Left Exterior Girder	6	0.95	1	1	25.309936
Lane_serv_inv	BOBJ1	70	176.21	Before	Right Exterior Girder	6	0.95	1	1	25.309936
Lane_serv_inv	BOBJ1	71	176.21	After	Left Exterior Girder	6	0.95	1	1	16.672177
Lane_serv_inv	BOBJ1	71	176.21	After	Right Exterior Girder	6	0.95	1	1	16.672177
Lane_serv_inv	BOBJ1	72	176.6	Before	Left Exterior Girder	6.39	0.95	1	1	17.920994
Lane_serv_inv	BOBJ1	72	176.6	Before	Interior Girder 1	6.39	0.95	1	1	14.566412
Lane_serv_inv	BOBJ1	72	176.6	Before	Interior Girder 2	6.39	0.95	1	1	14.089564
Lane_serv_inv	BOBJ1	72	176.6	Before	Interior Girder 3	6.39	0.95	1	1	13.253921
Lane_serv_inv	BOBJ1	72	176.6	Before	Interior Girder 4	6.39	0.95	1	1	13.253921
Lane_serv_inv	BOBJ1	72	176.6	Before	Interior Girder 5	6.39	0.95	1	1	14.089564
Lane_serv_inv	BOBJ1	72	176.6	Before	Interior Girder 6	6.39	0.95	1	1	14.566412
Lane_serv_inv	BOBJ1	72	176.6	Before	Right Exterior Girder	6.39	0.95	1	1	17.920994
Lane_serv_inv	BOBJ1	73	176.6	After	Left Exterior Girder	6.39	0.95	1	1	17.37098
Lane_serv_inv	BOBJ1	73	176.6	After	Interior Girder 1	6.39	0.95	1	1	14.883276
Lane_serv_inv	BOBJ1	73	176.6	After	Interior Girder 2	6.39	0.95	1	1	14.083327
Lane_serv_inv	BOBJ1	73	176.6	After	Interior Girder 3	6.39	0.95	1	1	13.103285
Lane_serv_inv	BOBJ1	73	176.6	After	Interior Girder 4	6.39	0.95	1	1	13.103285
Lane_serv_inv	BOBJ1	73	176.6	After	Interior Girder 5	6.39	0.95	1	1	14.083327
Lane_serv_inv	BOBJ1	73	176.6	After	Interior Girder 6	6.39	0.95	1	1	14.883276
Lane_serv_inv	BOBJ1	73	176.6	After	Right Exterior Girder	6.39	0.95	1	1	17.37098
Lane_serv_inv	BOBJ1	74	182.99	Before	Left Exterior Girder	12.78	0.95	1	1	30.141582
Lane_serv_inv	BOBJ1	74	182.99	Before	Interior Girder 1	12.78	0.95	1	1	25.670099
Lane_serv_inv	BOBJ1	74	182.99	Before	Interior Girder 2	12.78	0.95	1	1	24.104812
Lane_serv_inv	BOBJ1	74	182.99	Before	Interior Girder 3	12.78	0.95	1	1	25.223385
Lane_serv_inv	BOBJ1	74	182.99	Before	Interior Girder 4	12.78	0.95	1	1	25.223385
Lane_serv_inv	BOBJ1	74	182.99	Before	Interior Girder 5	12.78	0.95	1	1	24.104812
Lane_serv_inv	BOBJ1	74	182.99	Before	Interior Girder 6	12.78	0.95	1	1	25.670099
Lane_serv_inv	BOBJ1	74	182.99	Before	Right Exterior Girder	12.78	0.95	1	1	30.141582
Lane_serv_inv	BOBJ1	75	182.99	After	Left Exterior Girder	12.78	0.95	1	1	29.72676
Lane_serv_inv	BOBJ1	75	182.99	After	Interior Girder 1	12.78	0.95	1	1	25.91187
Lane_serv_inv	BOBJ1	75	182.99	After	Interior Girder 2	12.78	0.95	1	1	24.190496
Lane_serv_inv	BOBJ1	75	182.99	After	Interior Girder 3	12.78	0.95	1	1	25.125355
Lane_serv_inv	BOBJ1	75	182.99	After	Interior Girder 4	12.78	0.95	1	1	25.125355
Lane_serv_inv	BOBJ1	75	182.99	After	Interior Girder 5	12.78	0.95	1	1	24.190496
Lane_serv_inv	BOBJ1	75	182.99	After	Interior Girder 6	12.78	0.95	1	1	25.91187
Lane_serv_inv	BOBJ1	75	182.99	After	Right Exterior Girder	12.78	0.95	1	1	29.72676
Lane_serv_inv	BOBJ1	76	189.38	Before	Left Exterior Girder	19.17	0.95	1	1	18.375752
Lane_serv_inv	BOBJ1	76	189.38	Before	Interior Girder 1	19.17	0.95	1	1	17.357632
Lane_serv_inv	BOBJ1	76	189.38	Before	Interior Girder 2	19.17	0.95	1	1	16.288378
Lane_serv_inv	BOBJ1	76	189.38	Before	Interior Girder 3	19.17	0.95	1	1	16.646792
Lane_serv_inv	BOBJ1	76	189.38	Before	Interior Girder 4	19.17	0.95	1	1	16.646792
Lane_serv_inv	BOBJ1	76	189.38	Before	Interior Girder 5	19.17	0.95	1	1	16.288378
Lane_serv_inv	BOBJ1	76	189.38	Before	Interior Girder 6	19.17	0.95	1	1	17.357632
Lane_serv_inv	BOBJ1	76	189.38	Before	Right Exterior Girder	19.17	0.95	1	1	18.375752
Lane_serv_inv	BOBJ1	77	189.38	After	Left Exterior Girder	19.17	0.95	1	1	18.524138
Lane_serv_inv	BOBJ1	77	189.38	After	Interior Girder 1	19.17	0.95	1	1	17.148012
Lane_serv_inv	BOBJ1	77	189.38	After	Interior Girder 2	19.17	0.95	1	1	16.323323
Lane_serv_inv	BOBJ1	77	189.38	After	Interior Girder 3	19.17	0.95	1	1	16.748151

TABLE: Bridge Super Rating AASHTORATE18 31 - SteelICompServ-Flx - Approach, Span 16-19										
Request	BridgeObj	BridgeCut	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	Unitless	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Lane_serv_inv	BOBJ1	77	189.38	After	Interior Girder 4	19.17	0.95	1	1	16.748151
Lane_serv_inv	BOBJ1	77	189.38	After	Interior Girder 5	19.17	0.95	1	1	16.323323
Lane_serv_inv	BOBJ1	77	189.38	After	Interior Girder 6	19.17	0.95	1	1	17.148012
Lane_serv_inv	BOBJ1	77	189.38	After	Right Exterior Girder	19.17	0.95	1	1	18.524138
Lane_serv_inv	BOBJ1	78	195.77	Before	Left Exterior Girder	25.56	0.95	1	1	14.862817
Lane_serv_inv	BOBJ1	78	195.77	Before	Interior Girder 1	25.56	0.95	1	1	12.385425
Lane_serv_inv	BOBJ1	78	195.77	Before	Interior Girder 2	25.56	0.95	1	1	12.129368
Lane_serv_inv	BOBJ1	78	195.77	Before	Interior Girder 3	25.56	0.95	1	1	12.303532
Lane_serv_inv	BOBJ1	78	195.77	Before	Interior Girder 4	25.56	0.95	1	1	12.303532
Lane_serv_inv	BOBJ1	78	195.77	Before	Interior Girder 5	25.56	0.95	1	1	12.129368
Lane_serv_inv	BOBJ1	78	195.77	Before	Interior Girder 6	25.56	0.95	1	1	12.385425
Lane_serv_inv	BOBJ1	78	195.77	Before	Right Exterior Girder	25.56	0.95	1	1	14.862817
Lane_serv_inv	BOBJ1	79	195.77	After	Left Exterior Girder	25.56	0.95	1	1	15.075916
Lane_serv_inv	BOBJ1	79	195.77	After	Interior Girder 1	25.56	0.95	1	1	12.251693
Lane_serv_inv	BOBJ1	79	195.77	After	Interior Girder 2	25.56	0.95	1	1	12.080259
Lane_serv_inv	BOBJ1	79	195.77	After	Interior Girder 3	25.56	0.95	1	1	12.335434
Lane_serv_inv	BOBJ1	79	195.77	After	Interior Girder 4	25.56	0.95	1	1	12.335434
Lane_serv_inv	BOBJ1	79	195.77	After	Interior Girder 5	25.56	0.95	1	1	12.080259
Lane_serv_inv	BOBJ1	79	195.77	After	Interior Girder 6	25.56	0.95	1	1	12.251693
Lane_serv_inv	BOBJ1	79	195.77	After	Right Exterior Girder	25.56	0.95	1	1	15.075916
Lane_serv_inv	BOBJ1	80	202.16	Before	Left Exterior Girder	31.95	0.95	1	1	13.600273
Lane_serv_inv	BOBJ1	80	202.16	Before	Interior Girder 1	31.95	0.95	1	1	11.112592
Lane_serv_inv	BOBJ1	80	202.16	Before	Interior Girder 2	31.95	0.95	1	1	10.997323
Lane_serv_inv	BOBJ1	80	202.16	Before	Interior Girder 3	31.95	0.95	1	1	11.188257
Lane_serv_inv	BOBJ1	80	202.16	Before	Interior Girder 4	31.95	0.95	1	1	11.188257
Lane_serv_inv	BOBJ1	80	202.16	Before	Interior Girder 5	31.95	0.95	1	1	10.997323
Lane_serv_inv	BOBJ1	80	202.16	Before	Interior Girder 6	31.95	0.95	1	1	11.112592
Lane_serv_inv	BOBJ1	80	202.16	Before	Right Exterior Girder	31.95	0.95	1	1	13.600273
Lane_serv_inv	BOBJ1	81	202.16	After	Left Exterior Girder	31.95	0.95	1	1	13.432093
Lane_serv_inv	BOBJ1	81	202.16	After	Interior Girder 1	31.95	0.95	1	1	11.202445
Lane_serv_inv	BOBJ1	81	202.16	After	Interior Girder 2	31.95	0.95	1	1	11.041034
Lane_serv_inv	BOBJ1	81	202.16	After	Interior Girder 3	31.95	0.95	1	1	11.225872
Lane_serv_inv	BOBJ1	81	202.16	After	Interior Girder 4	31.95	0.95	1	1	11.225872
Lane_serv_inv	BOBJ1	81	202.16	After	Interior Girder 5	31.95	0.95	1	1	11.041034
Lane_serv_inv	BOBJ1	81	202.16	After	Interior Girder 6	31.95	0.95	1	1	11.202445
Lane_serv_inv	BOBJ1	81	202.16	After	Right Exterior Girder	31.95	0.95	1	1	13.432093
Lane_serv_inv	BOBJ1	82	208.55	Before	Left Exterior Girder	38.34	0.95	1	1	13.62667
Lane_serv_inv	BOBJ1	82	208.55	Before	Interior Girder 1	38.34	0.95	1	1	12.446127
Lane_serv_inv	BOBJ1	82	208.55	Before	Interior Girder 2	38.34	0.95	1	1	12.015535
Lane_serv_inv	BOBJ1	82	208.55	Before	Interior Girder 3	38.34	0.95	1	1	12.314962
Lane_serv_inv	BOBJ1	82	208.55	Before	Interior Girder 4	38.34	0.95	1	1	12.314962
Lane_serv_inv	BOBJ1	82	208.55	Before	Interior Girder 5	38.34	0.95	1	1	12.015535
Lane_serv_inv	BOBJ1	82	208.55	Before	Interior Girder 6	38.34	0.95	1	1	12.446127
Lane_serv_inv	BOBJ1	82	208.55	Before	Right Exterior Girder	38.34	0.95	1	1	13.62667
Lane_serv_inv	BOBJ1	83	208.55	After	Left Exterior Girder	38.34	0.95	1	1	13.511896
Lane_serv_inv	BOBJ1	83	208.55	After	Interior Girder 1	38.34	0.95	1	1	12.539414
Lane_serv_inv	BOBJ1	83	208.55	After	Interior Girder 2	38.34	0.95	1	1	11.992145
Lane_serv_inv	BOBJ1	83	208.55	After	Interior Girder 3	38.34	0.95	1	1	12.208085
Lane_serv_inv	BOBJ1	83	208.55	After	Interior Girder 4	38.34	0.95	1	1	12.208085
Lane_serv_inv	BOBJ1	83	208.55	After	Interior Girder 5	38.34	0.95	1	1	11.992145
Lane_serv_inv	BOBJ1	83	208.55	After	Interior Girder 6	38.34	0.95	1	1	12.539414
Lane_serv_inv	BOBJ1	83	208.55	After	Right Exterior Girder	38.34	0.95	1	1	13.511896
Lane_serv_inv	BOBJ1	84	215.1233	Before	Left Exterior Girder	44.9133	0.95	1	1	19.710632
Lane_serv_inv	BOBJ1	84	215.1233	Before	Interior Girder 1	44.9133	0.95	1	1	15.360227
Lane_serv_inv	BOBJ1	84	215.1233	Before	Interior Girder 2	44.9133	0.95	1	1	15.365151
Lane_serv_inv	BOBJ1	84	215.1233	Before	Interior Girder 3	44.9133	0.95	1	1	15.477337
Lane_serv_inv	BOBJ1	84	215.1233	Before	Interior Girder 4	44.9133	0.95	1	1	15.477337
Lane_serv_inv	BOBJ1	84	215.1233	Before	Interior Girder 5	44.9133	0.95	1	1	15.365151
Lane_serv_inv	BOBJ1	84	215.1233	Before	Interior Girder 6	44.9133	0.95	1	1	15.360227
Lane_serv_inv	BOBJ1	84	215.1233	Before	Right Exterior Girder	44.9133	0.95	1	1	19.710632
Lane_serv_inv	BOBJ1	85	215.1233	After	Left Exterior Girder	44.9133	0.95	1	1	19.796303
Lane_serv_inv	BOBJ1	85	215.1233	After	Interior Girder 1	44.9133	0.95	1	1	15.397231
Lane_serv_inv	BOBJ1	85	215.1233	After	Interior Girder 2	44.9133	0.95	1	1	15.180954
Lane_serv_inv	BOBJ1	85	215.1233	After	Interior Girder 3	44.9133	0.95	1	1	15.108522
Lane_serv_inv	BOBJ1	85	215.1233	After	Interior Girder 4	44.9133	0.95	1	1	15.108522
Lane_serv_inv	BOBJ1	85	215.1233	After	Interior Girder 5	44.9133	0.95	1	1	15.180954
Lane_serv_inv	BOBJ1	85	215.1233	After	Interior Girder 6	44.9133	0.95	1	1	15.397231
Lane_serv_inv	BOBJ1	85	215.1233	After	Right Exterior Girder	44.9133	0.95	1	1	19.796303
Lane_serv_inv	BOBJ1	86	221.6967	Before	Left Exterior Girder	51.4867	0.95	1	1	41.320063
Lane_serv_inv	BOBJ1	86	221.6967	Before	Interior Girder 1	51.4867	0.95	1	1	27.095986
Lane_serv_inv	BOBJ1	86	221.6967	Before	Interior Girder 2	51.4867	0.95	1	1	27.844221
Lane_serv_inv	BOBJ1	86	221.6967	Before	Interior Girder 3	51.4867	0.95	1	1	27.641916
Lane_serv_inv	BOBJ1	86	221.6967	Before	Interior Girder 4	51.4867	0.95	1	1	27.641916

TABLE: Bridge Super Rating AASHTORATE18 31 - SteelICompServ-Flx - Approach, Span 16-19										
Request	BridgeObj	BridgeCut	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	Unitless	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Lane_serv_inv	BOBJ1	86	221.6967	Before	Interior Girder 5	51.4867	0.95	1	1	27.844221
Lane_serv_inv	BOBJ1	86	221.6967	Before	Interior Girder 6	51.4867	0.95	1	1	27.095986
Lane_serv_inv	BOBJ1	86	221.6967	Before	Right Exterior Girder	51.4867	0.95	1	1	41.320063
Lane_serv_inv	BOBJ1	87	221.6967	After	Left Exterior Girder	51.4867	0.95	1	1	41.078667
Lane_serv_inv	BOBJ1	87	221.6967	After	Interior Girder 1	51.4867	0.95	1	1	27.461183
Lane_serv_inv	BOBJ1	87	221.6967	After	Interior Girder 2	51.4867	0.95	1	1	27.582866
Lane_serv_inv	BOBJ1	87	221.6967	After	Interior Girder 3	51.4867	0.95	1	1	26.80862
Lane_serv_inv	BOBJ1	87	221.6967	After	Interior Girder 4	51.4867	0.95	1	1	26.80862
Lane_serv_inv	BOBJ1	87	221.6967	After	Interior Girder 5	51.4867	0.95	1	1	27.582866
Lane_serv_inv	BOBJ1	87	221.6967	After	Interior Girder 6	51.4867	0.95	1	1	27.461183
Lane_serv_inv	BOBJ1	87	221.6967	After	Right Exterior Girder	51.4867	0.95	1	1	41.078667
Lane_serv_inv	BOBJ1	88	228.27	Before	Left Exterior Girder	58.06	0.95	1	1	2482.497096
Lane_serv_inv	BOBJ1	88	228.27	Before	Interior Girder 1	58.06	0.95	1	1	1954.950953
Lane_serv_inv	BOBJ1	88	228.27	Before	Interior Girder 2	58.06	0.95	1	1	1570.024766
Lane_serv_inv	BOBJ1	88	228.27	Before	Interior Girder 3	58.06	0.95	1	1	1127.076619
Lane_serv_inv	BOBJ1	88	228.27	Before	Interior Girder 4	58.06	0.95	1	1	1127.07661
Lane_serv_inv	BOBJ1	88	228.27	Before	Interior Girder 5	58.06	0.95	1	1	1570.024762
Lane_serv_inv	BOBJ1	88	228.27	Before	Interior Girder 6	58.06	0.95	1	1	1954.950952
Lane_serv_inv	BOBJ1	88	228.27	Before	Right Exterior Girder	58.06	0.95	1	1	2482.497093
SU4_serv	BOBJ1	1	0	After	Left Exterior Girder	0	0.95	1	1	722.061331
SU4_serv	BOBJ1	1	0	After	Interior Girder 1	0	0.95	1	1	455.073637
SU4_serv	BOBJ1	1	0	After	Interior Girder 2	0	0.95	1	1	272.535745
SU4_serv	BOBJ1	1	0	After	Interior Girder 3	0	0.95	1	1	216.198139
SU4_serv	BOBJ1	1	0	After	Interior Girder 4	0	0.95	1	1	216.198139
SU4_serv	BOBJ1	1	0	After	Interior Girder 5	0	0.95	1	1	272.535748
SU4_serv	BOBJ1	1	0	After	Interior Girder 6	0	0.95	1	1	455.073637
SU4_serv	BOBJ1	1	0	After	Right Exterior Girder	0	0.95	1	1	722.061331
SU4_serv	BOBJ1	2	5.3833	Before	Left Exterior Girder	5.3833	0.95	1	1	10.846353
SU4_serv	BOBJ1	2	5.3833	Before	Interior Girder 1	5.3833	0.95	1	1	6.871612
SU4_serv	BOBJ1	2	5.3833	Before	Interior Girder 2	5.3833	0.95	1	1	6.433154
SU4_serv	BOBJ1	2	5.3833	Before	Interior Girder 3	5.3833	0.95	1	1	5.555849
SU4_serv	BOBJ1	2	5.3833	Before	Interior Girder 4	5.3833	0.95	1	1	5.555849
SU4_serv	BOBJ1	2	5.3833	Before	Interior Girder 5	5.3833	0.95	1	1	6.433154
SU4_serv	BOBJ1	2	5.3833	Before	Interior Girder 6	5.3833	0.95	1	1	6.871612
SU4_serv	BOBJ1	2	5.3833	Before	Right Exterior Girder	5.3833	0.95	1	1	10.846353
SU4_serv	BOBJ1	3	5.3833	After	Left Exterior Girder	5.3833	0.95	1	1	10.937551
SU4_serv	BOBJ1	3	5.3833	After	Interior Girder 1	5.3833	0.95	1	1	6.901076
SU4_serv	BOBJ1	3	5.3833	After	Interior Girder 2	5.3833	0.95	1	1	6.537584
SU4_serv	BOBJ1	3	5.3833	After	Interior Girder 3	5.3833	0.95	1	1	5.745607
SU4_serv	BOBJ1	3	5.3833	After	Interior Girder 4	5.3833	0.95	1	1	5.745607
SU4_serv	BOBJ1	3	5.3833	After	Interior Girder 5	5.3833	0.95	1	1	6.537584
SU4_serv	BOBJ1	3	5.3833	After	Interior Girder 6	5.3833	0.95	1	1	6.901076
SU4_serv	BOBJ1	3	5.3833	After	Right Exterior Girder	5.3833	0.95	1	1	10.937551
SU4_serv	BOBJ1	4	10.7667	Before	Left Exterior Girder	10.7667	0.95	1	1	5.908266
SU4_serv	BOBJ1	4	10.7667	Before	Interior Girder 1	10.7667	0.95	1	1	4.455815
SU4_serv	BOBJ1	4	10.7667	Before	Interior Girder 2	10.7667	0.95	1	1	4.137237
SU4_serv	BOBJ1	4	10.7667	Before	Interior Girder 3	10.7667	0.95	1	1	3.894836
SU4_serv	BOBJ1	4	10.7667	Before	Interior Girder 4	10.7667	0.95	1	1	3.894836
SU4_serv	BOBJ1	4	10.7667	Before	Interior Girder 5	10.7667	0.95	1	1	4.137237
SU4_serv	BOBJ1	4	10.7667	Before	Interior Girder 6	10.7667	0.95	1	1	4.455815
SU4_serv	BOBJ1	4	10.7667	Before	Right Exterior Girder	10.7667	0.95	1	1	5.908266
SU4_serv	BOBJ1	5	10.7667	After	Left Exterior Girder	10.7667	0.95	1	1	5.885837
SU4_serv	BOBJ1	5	10.7667	After	Interior Girder 1	10.7667	0.95	1	1	4.465972
SU4_serv	BOBJ1	5	10.7667	After	Interior Girder 2	10.7667	0.95	1	1	4.191766
SU4_serv	BOBJ1	5	10.7667	After	Interior Girder 3	10.7667	0.95	1	1	3.951977
SU4_serv	BOBJ1	5	10.7667	After	Interior Girder 4	10.7667	0.95	1	1	3.951977
SU4_serv	BOBJ1	5	10.7667	After	Interior Girder 5	10.7667	0.95	1	1	4.191766
SU4_serv	BOBJ1	5	10.7667	After	Interior Girder 6	10.7667	0.95	1	1	4.465972
SU4_serv	BOBJ1	5	10.7667	After	Right Exterior Girder	10.7667	0.95	1	1	5.885837
SU4_serv	BOBJ1	6	16.15	Before	Left Exterior Girder	16.15	0.95	1	1	4.506396
SU4_serv	BOBJ1	6	16.15	Before	Interior Girder 1	16.15	0.95	1	1	3.973668
SU4_serv	BOBJ1	6	16.15	Before	Interior Girder 2	16.15	0.95	1	1	3.68432
SU4_serv	BOBJ1	6	16.15	Before	Interior Girder 3	16.15	0.95	1	1	3.577759
SU4_serv	BOBJ1	6	16.15	Before	Interior Girder 4	16.15	0.95	1	1	3.577759
SU4_serv	BOBJ1	6	16.15	Before	Interior Girder 5	16.15	0.95	1	1	3.68432
SU4_serv	BOBJ1	6	16.15	Before	Interior Girder 6	16.15	0.95	1	1	3.973668
SU4_serv	BOBJ1	6	16.15	Before	Right Exterior Girder	16.15	0.95	1	1	4.506396
SU4_serv	BOBJ1	7	16.15	After	Left Exterior Girder	16.15	0.95	1	1	4.522102
SU4_serv	BOBJ1	7	16.15	After	Interior Girder 1	16.15	0.95	1	1	3.958374
SU4_serv	BOBJ1	7	16.15	After	Interior Girder 2	16.15	0.95	1	1	3.690076
SU4_serv	BOBJ1	7	16.15	After	Interior Girder 3	16.15	0.95	1	1	3.585084
SU4_serv	BOBJ1	7	16.15	After	Interior Girder 4	16.15	0.95	1	1	3.585084
SU4_serv	BOBJ1	7	16.15	After	Interior Girder 5	16.15	0.95	1	1	3.690076

TABLE: Bridge Super Rating AASHTORATE18 31 - SteelICompServ-Flx - Approach, Span 16-19										
Request	BridgeObj	BridgeCut	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	Unitless	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
SU4_serv	BOBJ1	7	16.15	After	Interior Girder 6	16.15	0.95	1	1	3.958374
SU4_serv	BOBJ1	7	16.15	After	Right Exterior Girder	16.15	0.95	1	1	4.522102
SU4_serv	BOBJ1	8	22.1267	Before	Left Exterior Girder	22.1267	0.95	1	1	4.92104
SU4_serv	BOBJ1	8	22.1267	Before	Interior Girder 1	22.1267	0.95	1	1	3.783923
SU4_serv	BOBJ1	8	22.1267	Before	Interior Girder 2	22.1267	0.95	1	1	3.570447
SU4_serv	BOBJ1	8	22.1267	Before	Interior Girder 3	22.1267	0.95	1	1	3.40795
SU4_serv	BOBJ1	8	22.1267	Before	Interior Girder 4	22.1267	0.95	1	1	3.40795
SU4_serv	BOBJ1	8	22.1267	Before	Interior Girder 5	22.1267	0.95	1	1	3.570447
SU4_serv	BOBJ1	8	22.1267	Before	Interior Girder 6	22.1267	0.95	1	1	3.783923
SU4_serv	BOBJ1	8	22.1267	Before	Right Exterior Girder	22.1267	0.95	1	1	4.92104
SU4_serv	BOBJ1	9	22.1267	After	Left Exterior Girder	22.1267	0.95	1	1	4.954671
SU4_serv	BOBJ1	9	22.1267	After	Interior Girder 1	22.1267	0.95	1	1	3.764366
SU4_serv	BOBJ1	9	22.1267	After	Interior Girder 2	22.1267	0.95	1	1	3.548654
SU4_serv	BOBJ1	9	22.1267	After	Interior Girder 3	22.1267	0.95	1	1	3.388274
SU4_serv	BOBJ1	9	22.1267	After	Interior Girder 4	22.1267	0.95	1	1	3.388274
SU4_serv	BOBJ1	9	22.1267	After	Interior Girder 5	22.1267	0.95	1	1	3.548654
SU4_serv	BOBJ1	9	22.1267	After	Interior Girder 6	22.1267	0.95	1	1	3.764366
SU4_serv	BOBJ1	9	22.1267	After	Right Exterior Girder	22.1267	0.95	1	1	4.954671
SU4_serv	BOBJ1	10	28.1033	Before	Left Exterior Girder	28.1033	0.95	1	1	6.177154
SU4_serv	BOBJ1	10	28.1033	Before	Interior Girder 1	28.1033	0.95	1	1	4.479625
SU4_serv	BOBJ1	10	28.1033	Before	Interior Girder 2	28.1033	0.95	1	1	4.213167
SU4_serv	BOBJ1	10	28.1033	Before	Interior Girder 3	28.1033	0.95	1	1	4.054359
SU4_serv	BOBJ1	10	28.1033	Before	Interior Girder 4	28.1033	0.95	1	1	4.054359
SU4_serv	BOBJ1	10	28.1033	Before	Interior Girder 5	28.1033	0.95	1	1	4.213167
SU4_serv	BOBJ1	10	28.1033	Before	Interior Girder 6	28.1033	0.95	1	1	4.479625
SU4_serv	BOBJ1	10	28.1033	Before	Right Exterior Girder	28.1033	0.95	1	1	6.177154
SU4_serv	BOBJ1	11	28.1033	After	Left Exterior Girder	28.1033	0.95	1	1	6.110885
SU4_serv	BOBJ1	11	28.1033	After	Interior Girder 1	28.1033	0.95	1	1	4.521824
SU4_serv	BOBJ1	11	28.1033	After	Interior Girder 2	28.1033	0.95	1	1	4.218597
SU4_serv	BOBJ1	11	28.1033	After	Interior Girder 3	28.1033	0.95	1	1	4.029563
SU4_serv	BOBJ1	11	28.1033	After	Interior Girder 4	28.1033	0.95	1	1	4.029563
SU4_serv	BOBJ1	11	28.1033	After	Interior Girder 5	28.1033	0.95	1	1	4.218597
SU4_serv	BOBJ1	11	28.1033	After	Interior Girder 6	28.1033	0.95	1	1	4.521824
SU4_serv	BOBJ1	11	28.1033	After	Right Exterior Girder	28.1033	0.95	1	1	6.110885
SU4_serv	BOBJ1	12	34.08	Before	Left Exterior Girder	34.08	0.95	1	1	5.178906
SU4_serv	BOBJ1	12	34.08	Before	Interior Girder 1	34.08	0.95	1	1	5.258557
SU4_serv	BOBJ1	12	34.08	Before	Interior Girder 2	34.08	0.95	1	1	5.269179
SU4_serv	BOBJ1	12	34.08	Before	Interior Girder 3	34.08	0.95	1	1	5.44669
SU4_serv	BOBJ1	12	34.08	Before	Interior Girder 4	34.08	0.95	1	1	5.44669
SU4_serv	BOBJ1	12	34.08	Before	Interior Girder 5	34.08	0.95	1	1	5.269179
SU4_serv	BOBJ1	12	34.08	Before	Interior Girder 6	34.08	0.95	1	1	5.258557
SU4_serv	BOBJ1	12	34.08	Before	Right Exterior Girder	34.08	0.95	1	1	5.178906
SU4_serv	BOBJ1	13	34.08	After	Left Exterior Girder	34.08	0.95	1	1	5.225999
SU4_serv	BOBJ1	13	34.08	After	Interior Girder 1	34.08	0.95	1	1	5.210277
SU4_serv	BOBJ1	13	34.08	After	Interior Girder 2	34.08	0.95	1	1	5.234055
SU4_serv	BOBJ1	13	34.08	After	Interior Girder 3	34.08	0.95	1	1	5.446997
SU4_serv	BOBJ1	13	34.08	After	Interior Girder 4	34.08	0.95	1	1	5.446997
SU4_serv	BOBJ1	13	34.08	After	Interior Girder 5	34.08	0.95	1	1	5.234055
SU4_serv	BOBJ1	13	34.08	After	Interior Girder 6	34.08	0.95	1	1	5.210277
SU4_serv	BOBJ1	13	34.08	After	Right Exterior Girder	34.08	0.95	1	1	5.225999
SU4_serv	BOBJ1	14	39.855	Before	Left Exterior Girder	39.855	0.95	1	1	3.534619
SU4_serv	BOBJ1	14	39.855	Before	Interior Girder 1	39.855	0.95	1	1	3.978078
SU4_serv	BOBJ1	14	39.855	Before	Interior Girder 2	39.855	0.95	1	1	3.922079
SU4_serv	BOBJ1	14	39.855	Before	Interior Girder 3	39.855	0.95	1	1	3.766421
SU4_serv	BOBJ1	14	39.855	Before	Interior Girder 4	39.855	0.95	1	1	3.766421
SU4_serv	BOBJ1	14	39.855	Before	Interior Girder 5	39.855	0.95	1	1	3.922079
SU4_serv	BOBJ1	14	39.855	Before	Interior Girder 6	39.855	0.95	1	1	3.978078
SU4_serv	BOBJ1	14	39.855	Before	Right Exterior Girder	39.855	0.95	1	1	3.534619
SU4_serv	BOBJ1	15	39.855	After	Left Exterior Girder	39.855	0.95	1	1	3.593787
SU4_serv	BOBJ1	15	39.855	After	Interior Girder 1	39.855	0.95	1	1	3.92412
SU4_serv	BOBJ1	15	39.855	After	Interior Girder 2	39.855	0.95	1	1	3.871715
SU4_serv	BOBJ1	15	39.855	After	Interior Girder 3	39.855	0.95	1	1	3.744469
SU4_serv	BOBJ1	15	39.855	After	Interior Girder 4	39.855	0.95	1	1	3.744469
SU4_serv	BOBJ1	15	39.855	After	Interior Girder 5	39.855	0.95	1	1	3.871715
SU4_serv	BOBJ1	15	39.855	After	Interior Girder 6	39.855	0.95	1	1	3.92412
SU4_serv	BOBJ1	15	39.855	After	Right Exterior Girder	39.855	0.95	1	1	3.593787
SU4_serv	BOBJ1	16	40.0288	Before	Left Exterior Girder	40.0288	0.95	1	1	3.52979
SU4_serv	BOBJ1	16	40.0288	Before	Right Exterior Girder	40.0288	0.95	1	1	3.52979
SU4_serv	BOBJ1	17	40.0288	After	Left Exterior Girder	40.0288	0.95	1	1	5.07006
SU4_serv	BOBJ1	17	40.0288	After	Right Exterior Girder	40.0288	0.95	1	1	5.07006
SU4_serv	BOBJ1	18	45.63	Before	Left Exterior Girder	45.63	0.95	1	1	3.463407
SU4_serv	BOBJ1	18	45.63	Before	Interior Girder 1	45.63	0.95	1	1	2.874191
SU4_serv	BOBJ1	18	45.63	Before	Interior Girder 2	45.63	0.95	1	1	2.825851

TABLE: Bridge Super Rating AASHTORATE18 31 - SteelICompServ-Flx - Approach, Span 16-19										
Request	BridgeObj	BridgeCut	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	Unitless	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
SU4_serv	BOBJ1	18	45.63	Before	Interior Girder 3	45.63	0.95	1	1	2.46163
SU4_serv	BOBJ1	18	45.63	Before	Interior Girder 4	45.63	0.95	1	1	2.46163
SU4_serv	BOBJ1	18	45.63	Before	Interior Girder 5	45.63	0.95	1	1	2.825851
SU4_serv	BOBJ1	18	45.63	Before	Interior Girder 6	45.63	0.95	1	1	2.874191
SU4_serv	BOBJ1	18	45.63	Before	Right Exterior Girder	45.63	0.95	1	1	3.463407
SU4_serv	BOBJ1	19	45.63	After	Left Exterior Girder	0	0.95	1	1	3.447198
SU4_serv	BOBJ1	19	45.63	After	Interior Girder 1	0	0.95	1	1	2.597515
SU4_serv	BOBJ1	19	45.63	After	Interior Girder 2	0	0.95	1	1	2.517248
SU4_serv	BOBJ1	19	45.63	After	Interior Girder 3	0	0.95	1	1	2.118955
SU4_serv	BOBJ1	19	45.63	After	Interior Girder 4	0	0.95	1	1	2.118955
SU4_serv	BOBJ1	19	45.63	After	Interior Girder 5	0	0.95	1	1	2.517248
SU4_serv	BOBJ1	19	45.63	After	Interior Girder 6	0	0.95	1	1	2.597515
SU4_serv	BOBJ1	19	45.63	After	Right Exterior Girder	0	0.95	1	1	3.447198
SU4_serv	BOBJ1	20	50.6298	Before	Left Exterior Girder	4.9998	0.95	1	1	8.639178
SU4_serv	BOBJ1	20	50.6298	Before	Right Exterior Girder	4.9998	0.95	1	1	8.639178
SU4_serv	BOBJ1	21	50.6298	After	Left Exterior Girder	4.9998	0.95	1	1	5.731796
SU4_serv	BOBJ1	21	50.6298	After	Right Exterior Girder	4.9998	0.95	1	1	5.731796
SU4_serv	BOBJ1	22	51.4	Before	Left Exterior Girder	5.77	0.95	1	1	6.588831
SU4_serv	BOBJ1	22	51.4	Before	Interior Girder 1	5.77	0.95	1	1	6.506182
SU4_serv	BOBJ1	22	51.4	Before	Interior Girder 2	5.77	0.95	1	1	6.012506
SU4_serv	BOBJ1	22	51.4	Before	Interior Girder 3	5.77	0.95	1	1	5.59535
SU4_serv	BOBJ1	22	51.4	Before	Interior Girder 4	5.77	0.95	1	1	5.59535
SU4_serv	BOBJ1	22	51.4	Before	Interior Girder 5	5.77	0.95	1	1	6.012506
SU4_serv	BOBJ1	22	51.4	Before	Interior Girder 6	5.77	0.95	1	1	6.506182
SU4_serv	BOBJ1	22	51.4	Before	Right Exterior Girder	5.77	0.95	1	1	6.588831
SU4_serv	BOBJ1	23	51.4	After	Left Exterior Girder	5.77	0.95	1	1	6.473261
SU4_serv	BOBJ1	23	51.4	After	Interior Girder 1	5.77	0.95	1	1	6.61199
SU4_serv	BOBJ1	23	51.4	After	Interior Girder 2	5.77	0.95	1	1	6.090594
SU4_serv	BOBJ1	23	51.4	After	Interior Girder 3	5.77	0.95	1	1	5.656673
SU4_serv	BOBJ1	23	51.4	After	Interior Girder 4	5.77	0.95	1	1	5.656673
SU4_serv	BOBJ1	23	51.4	After	Interior Girder 5	5.77	0.95	1	1	6.090594
SU4_serv	BOBJ1	23	51.4	After	Interior Girder 6	5.77	0.95	1	1	6.61199
SU4_serv	BOBJ1	23	51.4	After	Right Exterior Girder	5.77	0.95	1	1	6.473261
SU4_serv	BOBJ1	24	57.17	Before	Left Exterior Girder	11.54	0.95	1	1	9.430453
SU4_serv	BOBJ1	24	57.17	Before	Interior Girder 1	11.54	0.95	1	1	8.711574
SU4_serv	BOBJ1	24	57.17	Before	Interior Girder 2	11.54	0.95	1	1	7.539886
SU4_serv	BOBJ1	24	57.17	Before	Interior Girder 3	11.54	0.95	1	1	7.235843
SU4_serv	BOBJ1	24	57.17	Before	Interior Girder 4	11.54	0.95	1	1	7.235843
SU4_serv	BOBJ1	24	57.17	Before	Interior Girder 5	11.54	0.95	1	1	7.539886
SU4_serv	BOBJ1	24	57.17	Before	Interior Girder 6	11.54	0.95	1	1	8.711574
SU4_serv	BOBJ1	24	57.17	Before	Right Exterior Girder	11.54	0.95	1	1	9.430453
SU4_serv	BOBJ1	25	57.17	After	Left Exterior Girder	11.54	0.95	1	1	9.363316
SU4_serv	BOBJ1	25	57.17	After	Interior Girder 1	11.54	0.95	1	1	8.624899
SU4_serv	BOBJ1	25	57.17	After	Interior Girder 2	11.54	0.95	1	1	7.526205
SU4_serv	BOBJ1	25	57.17	After	Interior Girder 3	11.54	0.95	1	1	7.351462
SU4_serv	BOBJ1	25	57.17	After	Interior Girder 4	11.54	0.95	1	1	7.351462
SU4_serv	BOBJ1	25	57.17	After	Interior Girder 5	11.54	0.95	1	1	7.526205
SU4_serv	BOBJ1	25	57.17	After	Interior Girder 6	11.54	0.95	1	1	8.624899
SU4_serv	BOBJ1	25	57.17	After	Right Exterior Girder	11.54	0.95	1	1	9.363316
SU4_serv	BOBJ1	26	63.34	Before	Left Exterior Girder	17.71	0.95	1	1	6.000014
SU4_serv	BOBJ1	26	63.34	Before	Interior Girder 1	17.71	0.95	1	1	4.483415
SU4_serv	BOBJ1	26	63.34	Before	Interior Girder 2	17.71	0.95	1	1	4.184643
SU4_serv	BOBJ1	26	63.34	Before	Interior Girder 3	17.71	0.95	1	1	3.998024
SU4_serv	BOBJ1	26	63.34	Before	Interior Girder 4	17.71	0.95	1	1	3.998024
SU4_serv	BOBJ1	26	63.34	Before	Interior Girder 5	17.71	0.95	1	1	4.184643
SU4_serv	BOBJ1	26	63.34	Before	Interior Girder 6	17.71	0.95	1	1	4.483415
SU4_serv	BOBJ1	26	63.34	Before	Right Exterior Girder	17.71	0.95	1	1	6.000014
SU4_serv	BOBJ1	27	63.34	After	Left Exterior Girder	17.71	0.95	1	1	6.146276
SU4_serv	BOBJ1	27	63.34	After	Interior Girder 1	17.71	0.95	1	1	4.414697
SU4_serv	BOBJ1	27	63.34	After	Interior Girder 2	17.71	0.95	1	1	4.165452
SU4_serv	BOBJ1	27	63.34	After	Interior Girder 3	17.71	0.95	1	1	4.038717
SU4_serv	BOBJ1	27	63.34	After	Interior Girder 4	17.71	0.95	1	1	4.038717
SU4_serv	BOBJ1	27	63.34	After	Interior Girder 5	17.71	0.95	1	1	4.165452
SU4_serv	BOBJ1	27	63.34	After	Interior Girder 6	17.71	0.95	1	1	4.414697
SU4_serv	BOBJ1	27	63.34	After	Right Exterior Girder	17.71	0.95	1	1	6.146276
SU4_serv	BOBJ1	28	69.51	Before	Left Exterior Girder	23.88	0.95	1	1	3.969615
SU4_serv	BOBJ1	28	69.51	Before	Interior Girder 1	23.88	0.95	1	1	3.262617
SU4_serv	BOBJ1	28	69.51	Before	Interior Girder 2	23.88	0.95	1	1	3.136219
SU4_serv	BOBJ1	28	69.51	Before	Interior Girder 3	23.88	0.95	1	1	3.060805
SU4_serv	BOBJ1	28	69.51	Before	Interior Girder 4	23.88	0.95	1	1	3.060805
SU4_serv	BOBJ1	28	69.51	Before	Interior Girder 5	23.88	0.95	1	1	3.136219
SU4_serv	BOBJ1	28	69.51	Before	Interior Girder 6	23.88	0.95	1	1	3.262617
SU4_serv	BOBJ1	28	69.51	Before	Right Exterior Girder	23.88	0.95	1	1	3.969615

TABLE: Bridge Super Rating AASHTORATE18 31 - SteelICompServ-Flx - Approach, Span 16-19										
Request	BridgeObj	BridgeCut	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	Unitless	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
SU4_serv	BOBJ1	29	69.51	After	Left Exterior Girder	23.88	0.95	1	1	3.987617
SU4_serv	BOBJ1	29	69.51	After	Interior Girder 1	23.88	0.95	1	1	3.260453
SU4_serv	BOBJ1	29	69.51	After	Interior Girder 2	23.88	0.95	1	1	3.152916
SU4_serv	BOBJ1	29	69.51	After	Interior Girder 3	23.88	0.95	1	1	3.08395
SU4_serv	BOBJ1	29	69.51	After	Interior Girder 4	23.88	0.95	1	1	3.08395
SU4_serv	BOBJ1	29	69.51	After	Interior Girder 5	23.88	0.95	1	1	3.152916
SU4_serv	BOBJ1	29	69.51	After	Interior Girder 6	23.88	0.95	1	1	3.260453
SU4_serv	BOBJ1	29	69.51	After	Right Exterior Girder	23.88	0.95	1	1	3.987617
SU4_serv	BOBJ1	30	75.68	Before	Left Exterior Girder	30.05	0.95	1	1	3.080069
SU4_serv	BOBJ1	30	75.68	Before	Interior Girder 1	30.05	0.95	1	1	2.996678
SU4_serv	BOBJ1	30	75.68	Before	Interior Girder 2	30.05	0.95	1	1	2.915954
SU4_serv	BOBJ1	30	75.68	Before	Interior Girder 3	30.05	0.95	1	1	2.939833
SU4_serv	BOBJ1	30	75.68	Before	Interior Girder 4	30.05	0.95	1	1	2.939833
SU4_serv	BOBJ1	30	75.68	Before	Interior Girder 5	30.05	0.95	1	1	2.915954
SU4_serv	BOBJ1	30	75.68	Before	Interior Girder 6	30.05	0.95	1	1	2.996678
SU4_serv	BOBJ1	30	75.68	Before	Right Exterior Girder	30.05	0.95	1	1	3.080069
SU4_serv	BOBJ1	31	75.68	After	Left Exterior Girder	30.05	0.95	1	1	3.097405
SU4_serv	BOBJ1	31	75.68	After	Interior Girder 1	30.05	0.95	1	1	2.988902
SU4_serv	BOBJ1	31	75.68	After	Interior Girder 2	30.05	0.95	1	1	2.910171
SU4_serv	BOBJ1	31	75.68	After	Interior Girder 3	30.05	0.95	1	1	2.938579
SU4_serv	BOBJ1	31	75.68	After	Interior Girder 4	30.05	0.95	1	1	2.938579
SU4_serv	BOBJ1	31	75.68	After	Interior Girder 5	30.05	0.95	1	1	2.910171
SU4_serv	BOBJ1	31	75.68	After	Interior Girder 6	30.05	0.95	1	1	2.988902
SU4_serv	BOBJ1	31	75.68	After	Right Exterior Girder	30.05	0.95	1	1	3.097405
SU4_serv	BOBJ1	32	81.8467	Before	Left Exterior Girder	36.2167	0.95	1	1	3.228503
SU4_serv	BOBJ1	32	81.8467	Before	Interior Girder 1	36.2167	0.95	1	1	2.780769
SU4_serv	BOBJ1	32	81.8467	Before	Interior Girder 2	36.2167	0.95	1	1	2.729918
SU4_serv	BOBJ1	32	81.8467	Before	Interior Girder 3	36.2167	0.95	1	1	2.687902
SU4_serv	BOBJ1	32	81.8467	Before	Interior Girder 4	36.2167	0.95	1	1	2.687902
SU4_serv	BOBJ1	32	81.8467	Before	Interior Girder 5	36.2167	0.95	1	1	2.729918
SU4_serv	BOBJ1	32	81.8467	Before	Interior Girder 6	36.2167	0.95	1	1	2.780769
SU4_serv	BOBJ1	32	81.8467	Before	Right Exterior Girder	36.2167	0.95	1	1	3.228503
SU4_serv	BOBJ1	33	81.8467	After	Left Exterior Girder	36.2167	0.95	1	1	3.243578
SU4_serv	BOBJ1	33	81.8467	After	Interior Girder 1	36.2167	0.95	1	1	2.769401
SU4_serv	BOBJ1	33	81.8467	After	Interior Girder 2	36.2167	0.95	1	1	2.714634
SU4_serv	BOBJ1	33	81.8467	After	Interior Girder 3	36.2167	0.95	1	1	2.674067
SU4_serv	BOBJ1	33	81.8467	After	Interior Girder 4	36.2167	0.95	1	1	2.674067
SU4_serv	BOBJ1	33	81.8467	After	Interior Girder 5	36.2167	0.95	1	1	2.714634
SU4_serv	BOBJ1	33	81.8467	After	Interior Girder 6	36.2167	0.95	1	1	2.769401
SU4_serv	BOBJ1	33	81.8467	After	Right Exterior Girder	36.2167	0.95	1	1	3.243578
SU4_serv	BOBJ1	34	88.0133	Before	Left Exterior Girder	42.3833	0.95	1	1	3.813196
SU4_serv	BOBJ1	34	88.0133	Before	Interior Girder 1	42.3833	0.95	1	1	3.119569
SU4_serv	BOBJ1	34	88.0133	Before	Interior Girder 2	42.3833	0.95	1	1	3.028738
SU4_serv	BOBJ1	34	88.0133	Before	Interior Girder 3	42.3833	0.95	1	1	2.976311
SU4_serv	BOBJ1	34	88.0133	Before	Interior Girder 4	42.3833	0.95	1	1	2.976311
SU4_serv	BOBJ1	34	88.0133	Before	Interior Girder 5	42.3833	0.95	1	1	3.028738
SU4_serv	BOBJ1	34	88.0133	Before	Interior Girder 6	42.3833	0.95	1	1	3.119569
SU4_serv	BOBJ1	34	88.0133	Before	Right Exterior Girder	42.3833	0.95	1	1	3.813196
SU4_serv	BOBJ1	35	88.0133	After	Left Exterior Girder	42.3833	0.95	1	1	3.747213
SU4_serv	BOBJ1	35	88.0133	After	Interior Girder 1	42.3833	0.95	1	1	3.156212
SU4_serv	BOBJ1	35	88.0133	After	Interior Girder 2	42.3833	0.95	1	1	3.048283
SU4_serv	BOBJ1	35	88.0133	After	Interior Girder 3	42.3833	0.95	1	1	2.969705
SU4_serv	BOBJ1	35	88.0133	After	Interior Girder 4	42.3833	0.95	1	1	2.969705
SU4_serv	BOBJ1	35	88.0133	After	Interior Girder 5	42.3833	0.95	1	1	3.048283
SU4_serv	BOBJ1	35	88.0133	After	Interior Girder 6	42.3833	0.95	1	1	3.156212
SU4_serv	BOBJ1	35	88.0133	After	Right Exterior Girder	42.3833	0.95	1	1	3.747213
SU4_serv	BOBJ1	36	94.18	Before	Left Exterior Girder	48.55	0.95	1	1	5.012898
SU4_serv	BOBJ1	36	94.18	Before	Interior Girder 1	48.55	0.95	1	1	4.49771
SU4_serv	BOBJ1	36	94.18	Before	Interior Girder 2	48.55	0.95	1	1	4.166773
SU4_serv	BOBJ1	36	94.18	Before	Interior Girder 3	48.55	0.95	1	1	4.133233
SU4_serv	BOBJ1	36	94.18	Before	Interior Girder 4	48.55	0.95	1	1	4.133233
SU4_serv	BOBJ1	36	94.18	Before	Interior Girder 5	48.55	0.95	1	1	4.166773
SU4_serv	BOBJ1	36	94.18	Before	Interior Girder 6	48.55	0.95	1	1	4.49771
SU4_serv	BOBJ1	36	94.18	Before	Right Exterior Girder	48.55	0.95	1	1	5.012898
SU4_serv	BOBJ1	37	94.18	After	Left Exterior Girder	48.55	0.95	1	1	4.925254
SU4_serv	BOBJ1	37	94.18	After	Interior Girder 1	48.55	0.95	1	1	4.541225
SU4_serv	BOBJ1	37	94.18	After	Interior Girder 2	48.55	0.95	1	1	4.177739
SU4_serv	BOBJ1	37	94.18	After	Interior Girder 3	48.55	0.95	1	1	4.098468
SU4_serv	BOBJ1	37	94.18	After	Interior Girder 4	48.55	0.95	1	1	4.098468
SU4_serv	BOBJ1	37	94.18	After	Interior Girder 5	48.55	0.95	1	1	4.177739
SU4_serv	BOBJ1	37	94.18	After	Interior Girder 6	48.55	0.95	1	1	4.541225
SU4_serv	BOBJ1	37	94.18	After	Right Exterior Girder	48.55	0.95	1	1	4.925254
SU4_serv	BOBJ1	38	100.3567	Before	Left Exterior Girder	54.7267	0.95	1	1	8.02806

TABLE: Bridge Super Rating AASHTORATE18 31 - SteelICompServ-Flx - Approach, Span 16-19										
Request	BridgeObj	BridgeCut	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	Unitless	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
SU4_serv	BOBJ1	38	100.3567	Before	Interior Girder 1	54.7267	0.95	1	1	6.800527
SU4_serv	BOBJ1	38	100.3567	Before	Interior Girder 2	54.7267	0.95	1	1	6.224837
SU4_serv	BOBJ1	38	100.3567	Before	Interior Girder 3	54.7267	0.95	1	1	5.963111
SU4_serv	BOBJ1	38	100.3567	Before	Interior Girder 4	54.7267	0.95	1	1	5.963111
SU4_serv	BOBJ1	38	100.3567	Before	Interior Girder 5	54.7267	0.95	1	1	6.224837
SU4_serv	BOBJ1	38	100.3567	Before	Interior Girder 6	54.7267	0.95	1	1	6.800527
SU4_serv	BOBJ1	38	100.3567	Before	Right Exterior Girder	54.7267	0.95	1	1	8.02806
SU4_serv	BOBJ1	39	100.3567	After	Left Exterior Girder	54.7267	0.95	1	1	8.124132
SU4_serv	BOBJ1	39	100.3567	After	Interior Girder 1	54.7267	0.95	1	1	6.788359
SU4_serv	BOBJ1	39	100.3567	After	Interior Girder 2	54.7267	0.95	1	1	6.18401
SU4_serv	BOBJ1	39	100.3567	After	Interior Girder 3	54.7267	0.95	1	1	5.785931
SU4_serv	BOBJ1	39	100.3567	After	Interior Girder 4	54.7267	0.95	1	1	5.785931
SU4_serv	BOBJ1	39	100.3567	After	Interior Girder 5	54.7267	0.95	1	1	6.18401
SU4_serv	BOBJ1	39	100.3567	After	Interior Girder 6	54.7267	0.95	1	1	6.788359
SU4_serv	BOBJ1	39	100.3567	After	Right Exterior Girder	54.7267	0.95	1	1	8.124132
SU4_serv	BOBJ1	40	106.5333	Before	Left Exterior Girder	60.9033	0.95	1	1	5.574437
SU4_serv	BOBJ1	40	106.5333	Before	Interior Girder 1	60.9033	0.95	1	1	5.814817
SU4_serv	BOBJ1	40	106.5333	Before	Interior Girder 2	60.9033	0.95	1	1	5.43786
SU4_serv	BOBJ1	40	106.5333	Before	Interior Girder 3	60.9033	0.95	1	1	5.137744
SU4_serv	BOBJ1	40	106.5333	Before	Interior Girder 4	60.9033	0.95	1	1	5.137744
SU4_serv	BOBJ1	40	106.5333	Before	Interior Girder 5	60.9033	0.95	1	1	5.43786
SU4_serv	BOBJ1	40	106.5333	Before	Interior Girder 6	60.9033	0.95	1	1	5.814817
SU4_serv	BOBJ1	40	106.5333	Before	Right Exterior Girder	60.9033	0.95	1	1	5.574437
SU4_serv	BOBJ1	41	106.5333	After	Left Exterior Girder	60.9033	0.95	1	1	5.692639
SU4_serv	BOBJ1	41	106.5333	After	Interior Girder 1	60.9033	0.95	1	1	5.686855
SU4_serv	BOBJ1	41	106.5333	After	Interior Girder 2	60.9033	0.95	1	1	5.317837
SU4_serv	BOBJ1	41	106.5333	After	Interior Girder 3	60.9033	0.95	1	1	5.024679
SU4_serv	BOBJ1	41	106.5333	After	Interior Girder 4	60.9033	0.95	1	1	5.024679
SU4_serv	BOBJ1	41	106.5333	After	Interior Girder 5	60.9033	0.95	1	1	5.317837
SU4_serv	BOBJ1	41	106.5333	After	Interior Girder 6	60.9033	0.95	1	1	5.686855
SU4_serv	BOBJ1	41	106.5333	After	Right Exterior Girder	60.9033	0.95	1	1	5.692639
SU4_serv	BOBJ1	42	108.2102	Before	Left Exterior Girder	62.5802	0.95	1	1	4.936947
SU4_serv	BOBJ1	42	108.2102	Before	Right Exterior Girder	62.5802	0.95	1	1	4.936947
SU4_serv	BOBJ1	43	108.2102	After	Left Exterior Girder	62.5802	0.95	1	1	7.227443
SU4_serv	BOBJ1	43	108.2102	After	Right Exterior Girder	62.5802	0.95	1	1	7.227443
SU4_serv	BOBJ1	44	112.71	Before	Left Exterior Girder	67.08	0.95	1	1	3.748514
SU4_serv	BOBJ1	44	112.71	Before	Interior Girder 1	67.08	0.95	1	1	2.665856
SU4_serv	BOBJ1	44	112.71	Before	Interior Girder 2	67.08	0.95	1	1	2.5682
SU4_serv	BOBJ1	44	112.71	Before	Interior Girder 3	67.08	0.95	1	1	2.193202
SU4_serv	BOBJ1	44	112.71	Before	Interior Girder 4	67.08	0.95	1	1	2.193202
SU4_serv	BOBJ1	44	112.71	Before	Interior Girder 5	67.08	0.95	1	1	2.5682
SU4_serv	BOBJ1	44	112.71	Before	Interior Girder 6	67.08	0.95	1	1	2.665856
SU4_serv	BOBJ1	44	112.71	Before	Right Exterior Girder	67.08	0.95	1	1	3.748514
SU4_serv	BOBJ1	45	112.71	After	Left Exterior Girder	0	0.95	1	1	3.790656
SU4_serv	BOBJ1	45	112.71	After	Interior Girder 1	0	0.95	1	1	3.044251
SU4_serv	BOBJ1	45	112.71	After	Interior Girder 2	0	0.95	1	1	2.790062
SU4_serv	BOBJ1	45	112.71	After	Interior Girder 3	0	0.95	1	1	2.381824
SU4_serv	BOBJ1	45	112.71	After	Interior Girder 4	0	0.95	1	1	2.381824
SU4_serv	BOBJ1	45	112.71	After	Interior Girder 5	0	0.95	1	1	2.790062
SU4_serv	BOBJ1	45	112.71	After	Interior Girder 6	0	0.95	1	1	3.044251
SU4_serv	BOBJ1	45	112.71	After	Right Exterior Girder	0	0.95	1	1	3.790656
SU4_serv	BOBJ1	46	117.21	Before	Left Exterior Girder	4.5	0.95	1	1	5.062211
SU4_serv	BOBJ1	46	117.21	Before	Right Exterior Girder	4.5	0.95	1	1	5.062211
SU4_serv	BOBJ1	47	117.21	After	Left Exterior Girder	4.5	0.95	1	1	3.447917
SU4_serv	BOBJ1	47	117.21	After	Right Exterior Girder	4.5	0.95	1	1	3.447917
SU4_serv	BOBJ1	48	119.1	Before	Left Exterior Girder	6.39	0.95	1	1	4.005573
SU4_serv	BOBJ1	48	119.1	Before	Interior Girder 1	6.39	0.95	1	1	4.248901
SU4_serv	BOBJ1	48	119.1	Before	Interior Girder 2	6.39	0.95	1	1	4.17029
SU4_serv	BOBJ1	48	119.1	Before	Interior Girder 3	6.39	0.95	1	1	4.047976
SU4_serv	BOBJ1	48	119.1	Before	Interior Girder 4	6.39	0.95	1	1	4.047976
SU4_serv	BOBJ1	48	119.1	Before	Interior Girder 5	6.39	0.95	1	1	4.17029
SU4_serv	BOBJ1	48	119.1	Before	Interior Girder 6	6.39	0.95	1	1	4.248901
SU4_serv	BOBJ1	48	119.1	Before	Right Exterior Girder	6.39	0.95	1	1	4.005573
SU4_serv	BOBJ1	49	119.1	After	Left Exterior Girder	6.39	0.95	1	1	3.942168
SU4_serv	BOBJ1	49	119.1	After	Interior Girder 1	6.39	0.95	1	1	4.316647
SU4_serv	BOBJ1	49	119.1	After	Interior Girder 2	6.39	0.95	1	1	4.225907
SU4_serv	BOBJ1	49	119.1	After	Interior Girder 3	6.39	0.95	1	1	4.073997
SU4_serv	BOBJ1	49	119.1	After	Interior Girder 4	6.39	0.95	1	1	4.073997
SU4_serv	BOBJ1	49	119.1	After	Interior Girder 5	6.39	0.95	1	1	4.225907
SU4_serv	BOBJ1	49	119.1	After	Interior Girder 6	6.39	0.95	1	1	4.316647
SU4_serv	BOBJ1	49	119.1	After	Right Exterior Girder	6.39	0.95	1	1	3.942168
SU4_serv	BOBJ1	50	125.49	Before	Left Exterior Girder	12.78	0.95	1	1	5.82844
SU4_serv	BOBJ1	50	125.49	Before	Interior Girder 1	12.78	0.95	1	1	5.777273

TABLE: Bridge Super Rating AASHTORATE18 31 - SteelICompServ-Flx - Approach, Span 16-19										
Request	BridgeObj	BridgeCut	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	Unitless	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
SU4_serv	BOBJ1	50	125.49	Before	Interior Girder 2	12.78	0.95	1	1	5.796311
SU4_serv	BOBJ1	50	125.49	Before	Interior Girder 3	12.78	0.95	1	1	5.647271
SU4_serv	BOBJ1	50	125.49	Before	Interior Girder 4	12.78	0.95	1	1	5.647271
SU4_serv	BOBJ1	50	125.49	Before	Interior Girder 5	12.78	0.95	1	1	5.796311
SU4_serv	BOBJ1	50	125.49	Before	Interior Girder 6	12.78	0.95	1	1	5.777273
SU4_serv	BOBJ1	50	125.49	Before	Right Exterior Girder	12.78	0.95	1	1	5.82844
SU4_serv	BOBJ1	51	125.49	After	Left Exterior Girder	12.78	0.95	1	1	5.771909
SU4_serv	BOBJ1	51	125.49	After	Interior Girder 1	12.78	0.95	1	1	5.844796
SU4_serv	BOBJ1	51	125.49	After	Interior Girder 2	12.78	0.95	1	1	5.839188
SU4_serv	BOBJ1	51	125.49	After	Interior Girder 3	12.78	0.95	1	1	5.816281
SU4_serv	BOBJ1	51	125.49	After	Interior Girder 4	12.78	0.95	1	1	5.816281
SU4_serv	BOBJ1	51	125.49	After	Interior Girder 5	12.78	0.95	1	1	5.839188
SU4_serv	BOBJ1	51	125.49	After	Interior Girder 6	12.78	0.95	1	1	5.844796
SU4_serv	BOBJ1	51	125.49	After	Right Exterior Girder	12.78	0.95	1	1	5.771909
SU4_serv	BOBJ1	52	131.88	Before	Left Exterior Girder	19.17	0.95	1	1	5.272427
SU4_serv	BOBJ1	52	131.88	Before	Interior Girder 1	19.17	0.95	1	1	4.87747
SU4_serv	BOBJ1	52	131.88	Before	Interior Girder 2	19.17	0.95	1	1	4.451483
SU4_serv	BOBJ1	52	131.88	Before	Interior Girder 3	19.17	0.95	1	1	4.328496
SU4_serv	BOBJ1	52	131.88	Before	Interior Girder 4	19.17	0.95	1	1	4.328496
SU4_serv	BOBJ1	52	131.88	Before	Interior Girder 5	19.17	0.95	1	1	4.451483
SU4_serv	BOBJ1	52	131.88	Before	Interior Girder 6	19.17	0.95	1	1	4.87747
SU4_serv	BOBJ1	52	131.88	Before	Right Exterior Girder	19.17	0.95	1	1	5.272427
SU4_serv	BOBJ1	53	131.88	After	Left Exterior Girder	19.17	0.95	1	1	5.314461
SU4_serv	BOBJ1	53	131.88	After	Interior Girder 1	19.17	0.95	1	1	4.85232
SU4_serv	BOBJ1	53	131.88	After	Interior Girder 2	19.17	0.95	1	1	4.447619
SU4_serv	BOBJ1	53	131.88	After	Interior Girder 3	19.17	0.95	1	1	4.359077
SU4_serv	BOBJ1	53	131.88	After	Interior Girder 4	19.17	0.95	1	1	4.359077
SU4_serv	BOBJ1	53	131.88	After	Interior Girder 5	19.17	0.95	1	1	4.447619
SU4_serv	BOBJ1	53	131.88	After	Interior Girder 6	19.17	0.95	1	1	4.85232
SU4_serv	BOBJ1	53	131.88	After	Right Exterior Girder	19.17	0.95	1	1	5.314461
SU4_serv	BOBJ1	54	138.27	Before	Left Exterior Girder	25.56	0.95	1	1	4.743946
SU4_serv	BOBJ1	54	138.27	Before	Interior Girder 1	25.56	0.95	1	1	3.819497
SU4_serv	BOBJ1	54	138.27	Before	Interior Girder 2	25.56	0.95	1	1	3.610381
SU4_serv	BOBJ1	54	138.27	Before	Interior Girder 3	25.56	0.95	1	1	3.453695
SU4_serv	BOBJ1	54	138.27	Before	Interior Girder 4	25.56	0.95	1	1	3.453695
SU4_serv	BOBJ1	54	138.27	Before	Interior Girder 5	25.56	0.95	1	1	3.610381
SU4_serv	BOBJ1	54	138.27	Before	Interior Girder 6	25.56	0.95	1	1	3.819497
SU4_serv	BOBJ1	54	138.27	Before	Right Exterior Girder	25.56	0.95	1	1	4.743946
SU4_serv	BOBJ1	55	138.27	After	Left Exterior Girder	25.56	0.95	1	1	4.801265
SU4_serv	BOBJ1	55	138.27	After	Interior Girder 1	25.56	0.95	1	1	3.79264
SU4_serv	BOBJ1	55	138.27	After	Interior Girder 2	25.56	0.95	1	1	3.591714
SU4_serv	BOBJ1	55	138.27	After	Interior Girder 3	25.56	0.95	1	1	3.454258
SU4_serv	BOBJ1	55	138.27	After	Interior Girder 4	25.56	0.95	1	1	3.454258
SU4_serv	BOBJ1	55	138.27	After	Interior Girder 5	25.56	0.95	1	1	3.591714
SU4_serv	BOBJ1	55	138.27	After	Interior Girder 6	25.56	0.95	1	1	3.79264
SU4_serv	BOBJ1	55	138.27	After	Right Exterior Girder	25.56	0.95	1	1	4.801265
SU4_serv	BOBJ1	56	144.66	Before	Left Exterior Girder	31.95	0.95	1	1	4.899493
SU4_serv	BOBJ1	56	144.66	Before	Interior Girder 1	31.95	0.95	1	1	3.825489
SU4_serv	BOBJ1	56	144.66	Before	Interior Girder 2	31.95	0.95	1	1	3.622939
SU4_serv	BOBJ1	56	144.66	Before	Interior Girder 3	31.95	0.95	1	1	3.484301
SU4_serv	BOBJ1	56	144.66	Before	Interior Girder 4	31.95	0.95	1	1	3.484301
SU4_serv	BOBJ1	56	144.66	Before	Interior Girder 5	31.95	0.95	1	1	3.622939
SU4_serv	BOBJ1	56	144.66	Before	Interior Girder 6	31.95	0.95	1	1	3.825489
SU4_serv	BOBJ1	56	144.66	Before	Right Exterior Girder	31.95	0.95	1	1	4.899493
SU4_serv	BOBJ1	57	144.66	After	Left Exterior Girder	31.95	0.95	1	1	4.836121
SU4_serv	BOBJ1	57	144.66	After	Interior Girder 1	31.95	0.95	1	1	3.85938
SU4_serv	BOBJ1	57	144.66	After	Interior Girder 2	31.95	0.95	1	1	3.640136
SU4_serv	BOBJ1	57	144.66	After	Interior Girder 3	31.95	0.95	1	1	3.478828
SU4_serv	BOBJ1	57	144.66	After	Interior Girder 4	31.95	0.95	1	1	3.478828
SU4_serv	BOBJ1	57	144.66	After	Interior Girder 5	31.95	0.95	1	1	3.640136
SU4_serv	BOBJ1	57	144.66	After	Interior Girder 6	31.95	0.95	1	1	3.85938
SU4_serv	BOBJ1	57	144.66	After	Right Exterior Girder	31.95	0.95	1	1	4.836121
SU4_serv	BOBJ1	58	151.05	Before	Left Exterior Girder	38.34	0.95	1	1	5.652455
SU4_serv	BOBJ1	58	151.05	Before	Interior Girder 1	38.34	0.95	1	1	4.992786
SU4_serv	BOBJ1	58	151.05	Before	Interior Girder 2	38.34	0.95	1	1	4.56448
SU4_serv	BOBJ1	58	151.05	Before	Interior Girder 3	38.34	0.95	1	1	4.462397
SU4_serv	BOBJ1	58	151.05	Before	Interior Girder 4	38.34	0.95	1	1	4.462397
SU4_serv	BOBJ1	58	151.05	Before	Interior Girder 5	38.34	0.95	1	1	4.56448
SU4_serv	BOBJ1	58	151.05	Before	Interior Girder 6	38.34	0.95	1	1	4.992786
SU4_serv	BOBJ1	58	151.05	Before	Right Exterior Girder	38.34	0.95	1	1	5.652455
SU4_serv	BOBJ1	59	151.05	After	Left Exterior Girder	38.34	0.95	1	1	5.594371
SU4_serv	BOBJ1	59	151.05	After	Interior Girder 1	38.34	0.95	1	1	5.029356
SU4_serv	BOBJ1	59	151.05	After	Interior Girder 2	38.34	0.95	1	1	4.567289

TABLE: Bridge Super Rating AASHTORATE18 31 - SteelICompServ-Flx - Approach, Span 16-19										
Request	BridgeObj	BridgeCut	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	Unitless	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
SU4_serv	BOBJ1	59	151.05	After	Interior Girder 3	38.34	0.95	1	1	4.423464
SU4_serv	BOBJ1	59	151.05	After	Interior Girder 4	38.34	0.95	1	1	4.423464
SU4_serv	BOBJ1	59	151.05	After	Interior Girder 5	38.34	0.95	1	1	4.567289
SU4_serv	BOBJ1	59	151.05	After	Interior Girder 6	38.34	0.95	1	1	5.029356
SU4_serv	BOBJ1	59	151.05	After	Right Exterior Girder	38.34	0.95	1	1	5.594371
SU4_serv	BOBJ1	60	157.4367	Before	Left Exterior Girder	44.7267	0.95	1	1	5.874396
SU4_serv	BOBJ1	60	157.4367	Before	Interior Girder 1	44.7267	0.95	1	1	6.152029
SU4_serv	BOBJ1	60	157.4367	Before	Interior Girder 2	44.7267	0.95	1	1	6.007345
SU4_serv	BOBJ1	60	157.4367	Before	Interior Girder 3	44.7267	0.95	1	1	6.047412
SU4_serv	BOBJ1	60	157.4367	Before	Interior Girder 4	44.7267	0.95	1	1	6.047412
SU4_serv	BOBJ1	60	157.4367	Before	Interior Girder 5	44.7267	0.95	1	1	6.007345
SU4_serv	BOBJ1	60	157.4367	Before	Interior Girder 6	44.7267	0.95	1	1	6.152029
SU4_serv	BOBJ1	60	157.4367	Before	Right Exterior Girder	44.7267	0.95	1	1	5.874396
SU4_serv	BOBJ1	61	157.4367	After	Left Exterior Girder	44.7267	0.95	1	1	5.924009
SU4_serv	BOBJ1	61	157.4367	After	Interior Girder 1	44.7267	0.95	1	1	6.103344
SU4_serv	BOBJ1	61	157.4367	After	Interior Girder 2	44.7267	0.95	1	1	5.981901
SU4_serv	BOBJ1	61	157.4367	After	Interior Girder 3	44.7267	0.95	1	1	5.973247
SU4_serv	BOBJ1	61	157.4367	After	Interior Girder 4	44.7267	0.95	1	1	5.973247
SU4_serv	BOBJ1	61	157.4367	After	Interior Girder 5	44.7267	0.95	1	1	5.981901
SU4_serv	BOBJ1	61	157.4367	After	Interior Girder 6	44.7267	0.95	1	1	6.103344
SU4_serv	BOBJ1	61	157.4367	After	Right Exterior Girder	44.7267	0.95	1	1	5.924009
SU4_serv	BOBJ1	62	158.71	Before	Left Exterior Girder	46	0.95	1	1	5.487543
SU4_serv	BOBJ1	62	158.71	Before	Interior Girder 1	46	0.95	1	1	5.798045
SU4_serv	BOBJ1	62	158.71	Before	Interior Girder 2	46	0.95	1	1	5.620487
SU4_serv	BOBJ1	62	158.71	Before	Interior Girder 3	46	0.95	1	1	5.606601
SU4_serv	BOBJ1	62	158.71	Before	Interior Girder 4	46	0.95	1	1	5.606601
SU4_serv	BOBJ1	62	158.71	Before	Interior Girder 5	46	0.95	1	1	5.620487
SU4_serv	BOBJ1	62	158.71	Before	Interior Girder 6	46	0.95	1	1	5.798045
SU4_serv	BOBJ1	62	158.71	Before	Right Exterior Girder	46	0.95	1	1	5.487543
SU4_serv	BOBJ1	63	158.71	After	Left Exterior Girder	46	0.95	1	1	7.478514
SU4_serv	BOBJ1	63	158.71	After	Interior Girder 1	46	0.95	1	1	7.255609
SU4_serv	BOBJ1	63	158.71	After	Interior Girder 2	46	0.95	1	1	7.01373
SU4_serv	BOBJ1	63	158.71	After	Interior Girder 3	46	0.95	1	1	7.030813
SU4_serv	BOBJ1	63	158.71	After	Interior Girder 4	46	0.95	1	1	7.030813
SU4_serv	BOBJ1	63	158.71	After	Interior Girder 5	46	0.95	1	1	7.01373
SU4_serv	BOBJ1	63	158.71	After	Interior Girder 6	46	0.95	1	1	7.255609
SU4_serv	BOBJ1	63	158.71	After	Right Exterior Girder	46	0.95	1	1	7.478514
SU4_serv	BOBJ1	64	163.8233	Before	Left Exterior Girder	51.1133	0.95	1	1	5.674511
SU4_serv	BOBJ1	64	163.8233	Before	Interior Girder 1	51.1133	0.95	1	1	5.848237
SU4_serv	BOBJ1	64	163.8233	Before	Interior Girder 2	51.1133	0.95	1	1	5.554958
SU4_serv	BOBJ1	64	163.8233	Before	Interior Girder 3	51.1133	0.95	1	1	5.294624
SU4_serv	BOBJ1	64	163.8233	Before	Interior Girder 4	51.1133	0.95	1	1	5.294623
SU4_serv	BOBJ1	64	163.8233	Before	Interior Girder 5	51.1133	0.95	1	1	5.554958
SU4_serv	BOBJ1	64	163.8233	Before	Interior Girder 6	51.1133	0.95	1	1	5.848237
SU4_serv	BOBJ1	64	163.8233	Before	Right Exterior Girder	51.1133	0.95	1	1	5.674511
SU4_serv	BOBJ1	65	163.8233	After	Left Exterior Girder	51.1133	0.95	1	1	5.758359
SU4_serv	BOBJ1	65	163.8233	After	Interior Girder 1	51.1133	0.95	1	1	5.730994
SU4_serv	BOBJ1	65	163.8233	After	Interior Girder 2	51.1133	0.95	1	1	5.452926
SU4_serv	BOBJ1	65	163.8233	After	Interior Girder 3	51.1133	0.95	1	1	5.202243
SU4_serv	BOBJ1	65	163.8233	After	Interior Girder 4	51.1133	0.95	1	1	5.202243
SU4_serv	BOBJ1	65	163.8233	After	Interior Girder 5	51.1133	0.95	1	1	5.452926
SU4_serv	BOBJ1	65	163.8233	After	Interior Girder 6	51.1133	0.95	1	1	5.730994
SU4_serv	BOBJ1	65	163.8233	After	Right Exterior Girder	51.1133	0.95	1	1	5.758359
SU4_serv	BOBJ1	66	164.71	Before	Left Exterior Girder	52	0.95	1	1	5.453236
SU4_serv	BOBJ1	66	164.71	Before	Right Exterior Girder	52	0.95	1	1	5.453236
SU4_serv	BOBJ1	67	164.71	After	Left Exterior Girder	52	0.95	1	1	8.215268
SU4_serv	BOBJ1	67	164.71	After	Right Exterior Girder	52	0.95	1	1	8.215268
SU4_serv	BOBJ1	68	170.21	Before	Left Exterior Girder	57.5	0.95	1	1	6.222676
SU4_serv	BOBJ1	68	170.21	Before	Interior Girder 1	57.5	0.95	1	1	3.884394
SU4_serv	BOBJ1	68	170.21	Before	Interior Girder 2	57.5	0.95	1	1	3.572645
SU4_serv	BOBJ1	68	170.21	Before	Interior Girder 3	57.5	0.95	1	1	2.954199
SU4_serv	BOBJ1	68	170.21	Before	Interior Girder 4	57.5	0.95	1	1	2.954199
SU4_serv	BOBJ1	68	170.21	Before	Interior Girder 5	57.5	0.95	1	1	3.572645
SU4_serv	BOBJ1	68	170.21	Before	Interior Girder 6	57.5	0.95	1	1	3.884394
SU4_serv	BOBJ1	68	170.21	Before	Right Exterior Girder	57.5	0.95	1	1	6.222676
SU4_serv	BOBJ1	69	170.21	After	Left Exterior Girder	0	0.95	1	1	6.265731
SU4_serv	BOBJ1	69	170.21	After	Interior Girder 1	0	0.95	1	1	3.757251
SU4_serv	BOBJ1	69	170.21	After	Interior Girder 2	0	0.95	1	1	3.512008
SU4_serv	BOBJ1	69	170.21	After	Interior Girder 3	0	0.95	1	1	2.952039
SU4_serv	BOBJ1	69	170.21	After	Interior Girder 4	0	0.95	1	1	2.952039
SU4_serv	BOBJ1	69	170.21	After	Interior Girder 5	0	0.95	1	1	3.512008
SU4_serv	BOBJ1	69	170.21	After	Interior Girder 6	0	0.95	1	1	3.757251
SU4_serv	BOBJ1	69	170.21	After	Right Exterior Girder	0	0.95	1	1	6.265731

TABLE: Bridge Super Rating AASHTORATE18 31 - SteelICompServ-Flx - Approach, Span 16-19										
Request	BridgeObj	BridgeCut	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	Unitless	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
SU4_serv	BOBJ1	70	176.21	Before	Left Exterior Girder	6	0.95	1	1	9.501816
SU4_serv	BOBJ1	70	176.21	Before	Right Exterior Girder	6	0.95	1	1	9.501816
SU4_serv	BOBJ1	71	176.21	After	Left Exterior Girder	6	0.95	1	1	6.402641
SU4_serv	BOBJ1	71	176.21	After	Right Exterior Girder	6	0.95	1	1	6.402641
SU4_serv	BOBJ1	72	176.6	Before	Left Exterior Girder	6.39	0.95	1	1	6.559017
SU4_serv	BOBJ1	72	176.6	Before	Interior Girder 1	6.39	0.95	1	1	6.330017
SU4_serv	BOBJ1	72	176.6	Before	Interior Girder 2	6.39	0.95	1	1	5.9162
SU4_serv	BOBJ1	72	176.6	Before	Interior Girder 3	6.39	0.95	1	1	5.621876
SU4_serv	BOBJ1	72	176.6	Before	Interior Girder 4	6.39	0.95	1	1	5.621876
SU4_serv	BOBJ1	72	176.6	Before	Interior Girder 5	6.39	0.95	1	1	5.9162
SU4_serv	BOBJ1	72	176.6	Before	Interior Girder 6	6.39	0.95	1	1	6.330017
SU4_serv	BOBJ1	72	176.6	Before	Right Exterior Girder	6.39	0.95	1	1	6.559017
SU4_serv	BOBJ1	73	176.6	After	Left Exterior Girder	6.39	0.95	1	1	6.428391
SU4_serv	BOBJ1	73	176.6	After	Interior Girder 1	6.39	0.95	1	1	6.480553
SU4_serv	BOBJ1	73	176.6	After	Interior Girder 2	6.39	0.95	1	1	6.045376
SU4_serv	BOBJ1	73	176.6	After	Interior Girder 3	6.39	0.95	1	1	5.74246
SU4_serv	BOBJ1	73	176.6	After	Interior Girder 4	6.39	0.95	1	1	5.74246
SU4_serv	BOBJ1	73	176.6	After	Interior Girder 5	6.39	0.95	1	1	6.045376
SU4_serv	BOBJ1	73	176.6	After	Interior Girder 6	6.39	0.95	1	1	6.480553
SU4_serv	BOBJ1	73	176.6	After	Right Exterior Girder	6.39	0.95	1	1	6.428391
SU4_serv	BOBJ1	74	182.99	Before	Left Exterior Girder	12.78	0.95	1	1	8.897585
SU4_serv	BOBJ1	74	182.99	Before	Interior Girder 1	12.78	0.95	1	1	7.181672
SU4_serv	BOBJ1	74	182.99	Before	Interior Girder 2	12.78	0.95	1	1	6.541836
SU4_serv	BOBJ1	74	182.99	Before	Interior Girder 3	12.78	0.95	1	1	6.222926
SU4_serv	BOBJ1	74	182.99	Before	Interior Girder 4	12.78	0.95	1	1	6.222926
SU4_serv	BOBJ1	74	182.99	Before	Interior Girder 5	12.78	0.95	1	1	6.541836
SU4_serv	BOBJ1	74	182.99	Before	Interior Girder 6	12.78	0.95	1	1	7.181672
SU4_serv	BOBJ1	74	182.99	Before	Right Exterior Girder	12.78	0.95	1	1	8.897585
SU4_serv	BOBJ1	75	182.99	After	Left Exterior Girder	12.78	0.95	1	1	8.829156
SU4_serv	BOBJ1	75	182.99	After	Interior Girder 1	12.78	0.95	1	1	7.20459
SU4_serv	BOBJ1	75	182.99	After	Interior Girder 2	12.78	0.95	1	1	6.607724
SU4_serv	BOBJ1	75	182.99	After	Interior Girder 3	12.78	0.95	1	1	6.435889
SU4_serv	BOBJ1	75	182.99	After	Interior Girder 4	12.78	0.95	1	1	6.435889
SU4_serv	BOBJ1	75	182.99	After	Interior Girder 5	12.78	0.95	1	1	6.607724
SU4_serv	BOBJ1	75	182.99	After	Interior Girder 6	12.78	0.95	1	1	7.20459
SU4_serv	BOBJ1	75	182.99	After	Right Exterior Girder	12.78	0.95	1	1	8.829156
SU4_serv	BOBJ1	76	189.38	Before	Left Exterior Girder	19.17	0.95	1	1	5.554154
SU4_serv	BOBJ1	76	189.38	Before	Interior Girder 1	19.17	0.95	1	1	4.882145
SU4_serv	BOBJ1	76	189.38	Before	Interior Girder 2	19.17	0.95	1	1	4.473963
SU4_serv	BOBJ1	76	189.38	Before	Interior Girder 3	19.17	0.95	1	1	4.388108
SU4_serv	BOBJ1	76	189.38	Before	Interior Girder 4	19.17	0.95	1	1	4.388108
SU4_serv	BOBJ1	76	189.38	Before	Interior Girder 5	19.17	0.95	1	1	4.473963
SU4_serv	BOBJ1	76	189.38	Before	Interior Girder 6	19.17	0.95	1	1	4.882145
SU4_serv	BOBJ1	76	189.38	Before	Right Exterior Girder	19.17	0.95	1	1	5.554154
SU4_serv	BOBJ1	77	189.38	After	Left Exterior Girder	19.17	0.95	1	1	5.629021
SU4_serv	BOBJ1	77	189.38	After	Interior Girder 1	19.17	0.95	1	1	4.836148
SU4_serv	BOBJ1	77	189.38	After	Interior Girder 2	19.17	0.95	1	1	4.471356
SU4_serv	BOBJ1	77	189.38	After	Interior Girder 3	19.17	0.95	1	1	4.426159
SU4_serv	BOBJ1	77	189.38	After	Interior Girder 4	19.17	0.95	1	1	4.426159
SU4_serv	BOBJ1	77	189.38	After	Interior Girder 5	19.17	0.95	1	1	4.471356
SU4_serv	BOBJ1	77	189.38	After	Interior Girder 6	19.17	0.95	1	1	4.836148
SU4_serv	BOBJ1	77	189.38	After	Right Exterior Girder	19.17	0.95	1	1	5.629021
SU4_serv	BOBJ1	78	195.77	Before	Left Exterior Girder	25.56	0.95	1	1	4.340107
SU4_serv	BOBJ1	78	195.77	Before	Interior Girder 1	25.56	0.95	1	1	3.45155
SU4_serv	BOBJ1	78	195.77	Before	Interior Girder 2	25.56	0.95	1	1	3.300667
SU4_serv	BOBJ1	78	195.77	Before	Interior Girder 3	25.56	0.95	1	1	3.209993
SU4_serv	BOBJ1	78	195.77	Before	Interior Girder 4	25.56	0.95	1	1	3.209993
SU4_serv	BOBJ1	78	195.77	Before	Interior Girder 5	25.56	0.95	1	1	3.300667
SU4_serv	BOBJ1	78	195.77	Before	Interior Girder 6	25.56	0.95	1	1	3.45155
SU4_serv	BOBJ1	78	195.77	Before	Right Exterior Girder	25.56	0.95	1	1	4.340107
SU4_serv	BOBJ1	79	195.77	After	Left Exterior Girder	25.56	0.95	1	1	4.400313
SU4_serv	BOBJ1	79	195.77	After	Interior Girder 1	25.56	0.95	1	1	3.412247
SU4_serv	BOBJ1	79	195.77	After	Interior Girder 2	25.56	0.95	1	1	3.28609
SU4_serv	BOBJ1	79	195.77	After	Interior Girder 3	25.56	0.95	1	1	3.218215
SU4_serv	BOBJ1	79	195.77	After	Interior Girder 4	25.56	0.95	1	1	3.218215
SU4_serv	BOBJ1	79	195.77	After	Interior Girder 5	25.56	0.95	1	1	3.28609
SU4_serv	BOBJ1	79	195.77	After	Interior Girder 6	25.56	0.95	1	1	3.412247
SU4_serv	BOBJ1	79	195.77	After	Right Exterior Girder	25.56	0.95	1	1	4.400313
SU4_serv	BOBJ1	80	202.16	Before	Left Exterior Girder	31.95	0.95	1	1	3.852736
SU4_serv	BOBJ1	80	202.16	Before	Interior Girder 1	31.95	0.95	1	1	3.071361
SU4_serv	BOBJ1	80	202.16	Before	Interior Girder 2	31.95	0.95	1	1	2.973343
SU4_serv	BOBJ1	80	202.16	Before	Interior Girder 3	31.95	0.95	1	1	2.907452
SU4_serv	BOBJ1	80	202.16	Before	Interior Girder 4	31.95	0.95	1	1	2.907452

TABLE: Bridge Super Rating AASHTORATE18 31 - SteelICompServ-Flx - Approach, Span 16-19										
Request	BridgeObj	BridgeCut	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	Unitless	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
SU4_serv	BOBJ1	80	202.16	Before	Interior Girder 5	31.95	0.95	1	1	2.973343
SU4_serv	BOBJ1	80	202.16	Before	Interior Girder 6	31.95	0.95	1	1	3.071361
SU4_serv	BOBJ1	80	202.16	Before	Right Exterior Girder	31.95	0.95	1	1	3.852736
SU4_serv	BOBJ1	81	202.16	After	Left Exterior Girder	31.95	0.95	1	1	3.821465
SU4_serv	BOBJ1	81	202.16	After	Interior Girder 1	31.95	0.95	1	1	3.084919
SU4_serv	BOBJ1	81	202.16	After	Interior Girder 2	31.95	0.95	1	1	2.990724
SU4_serv	BOBJ1	81	202.16	After	Interior Girder 3	31.95	0.95	1	1	2.917747
SU4_serv	BOBJ1	81	202.16	After	Interior Girder 4	31.95	0.95	1	1	2.917747
SU4_serv	BOBJ1	81	202.16	After	Interior Girder 5	31.95	0.95	1	1	2.990724
SU4_serv	BOBJ1	81	202.16	After	Interior Girder 6	31.95	0.95	1	1	3.084919
SU4_serv	BOBJ1	81	202.16	After	Right Exterior Girder	31.95	0.95	1	1	3.821465
SU4_serv	BOBJ1	82	208.55	Before	Left Exterior Girder	38.34	0.95	1	1	3.739355
SU4_serv	BOBJ1	82	208.55	Before	Interior Girder 1	38.34	0.95	1	1	3.355627
SU4_serv	BOBJ1	82	208.55	Before	Interior Girder 2	38.34	0.95	1	1	3.208886
SU4_serv	BOBJ1	82	208.55	Before	Interior Girder 3	38.34	0.95	1	1	3.1874
SU4_serv	BOBJ1	82	208.55	Before	Interior Girder 4	38.34	0.95	1	1	3.1874
SU4_serv	BOBJ1	82	208.55	Before	Interior Girder 5	38.34	0.95	1	1	3.208886
SU4_serv	BOBJ1	82	208.55	Before	Interior Girder 6	38.34	0.95	1	1	3.355627
SU4_serv	BOBJ1	82	208.55	Before	Right Exterior Girder	38.34	0.95	1	1	3.739355
SU4_serv	BOBJ1	83	208.55	After	Left Exterior Girder	38.34	0.95	1	1	3.706488
SU4_serv	BOBJ1	83	208.55	After	Interior Girder 1	38.34	0.95	1	1	3.374531
SU4_serv	BOBJ1	83	208.55	After	Interior Girder 2	38.34	0.95	1	1	3.207881
SU4_serv	BOBJ1	83	208.55	After	Interior Girder 3	38.34	0.95	1	1	3.178622
SU4_serv	BOBJ1	83	208.55	After	Interior Girder 4	38.34	0.95	1	1	3.178622
SU4_serv	BOBJ1	83	208.55	After	Interior Girder 5	38.34	0.95	1	1	3.207881
SU4_serv	BOBJ1	83	208.55	After	Interior Girder 6	38.34	0.95	1	1	3.374531
SU4_serv	BOBJ1	83	208.55	After	Right Exterior Girder	38.34	0.95	1	1	3.706488
SU4_serv	BOBJ1	84	215.1233	Before	Left Exterior Girder	44.9133	0.95	1	1	5.098302
SU4_serv	BOBJ1	84	215.1233	Before	Interior Girder 1	44.9133	0.95	1	1	3.891342
SU4_serv	BOBJ1	84	215.1233	Before	Interior Girder 2	44.9133	0.95	1	1	3.716365
SU4_serv	BOBJ1	84	215.1233	Before	Interior Girder 3	44.9133	0.95	1	1	3.555975
SU4_serv	BOBJ1	84	215.1233	Before	Interior Girder 4	44.9133	0.95	1	1	3.555975
SU4_serv	BOBJ1	84	215.1233	Before	Interior Girder 5	44.9133	0.95	1	1	3.716365
SU4_serv	BOBJ1	84	215.1233	Before	Interior Girder 6	44.9133	0.95	1	1	3.891342
SU4_serv	BOBJ1	84	215.1233	Before	Right Exterior Girder	44.9133	0.95	1	1	5.098302
SU4_serv	BOBJ1	85	215.1233	After	Left Exterior Girder	44.9133	0.95	1	1	5.082277
SU4_serv	BOBJ1	85	215.1233	After	Interior Girder 1	44.9133	0.95	1	1	3.899189
SU4_serv	BOBJ1	85	215.1233	After	Interior Girder 2	44.9133	0.95	1	1	3.669481
SU4_serv	BOBJ1	85	215.1233	After	Interior Girder 3	44.9133	0.95	1	1	3.496567
SU4_serv	BOBJ1	85	215.1233	After	Interior Girder 4	44.9133	0.95	1	1	3.496567
SU4_serv	BOBJ1	85	215.1233	After	Interior Girder 5	44.9133	0.95	1	1	3.669481
SU4_serv	BOBJ1	85	215.1233	After	Interior Girder 6	44.9133	0.95	1	1	3.899189
SU4_serv	BOBJ1	85	215.1233	After	Right Exterior Girder	44.9133	0.95	1	1	5.082277
SU4_serv	BOBJ1	86	221.6967	Before	Left Exterior Girder	51.4867	0.95	1	1	10.080234
SU4_serv	BOBJ1	86	221.6967	Before	Interior Girder 1	51.4867	0.95	1	1	6.303287
SU4_serv	BOBJ1	86	221.6967	Before	Interior Girder 2	51.4867	0.95	1	1	6.004712
SU4_serv	BOBJ1	86	221.6967	Before	Interior Girder 3	51.4867	0.95	1	1	5.399145
SU4_serv	BOBJ1	86	221.6967	Before	Interior Girder 4	51.4867	0.95	1	1	5.399145
SU4_serv	BOBJ1	86	221.6967	Before	Interior Girder 5	51.4867	0.95	1	1	6.004712
SU4_serv	BOBJ1	86	221.6967	Before	Interior Girder 6	51.4867	0.95	1	1	6.303287
SU4_serv	BOBJ1	86	221.6967	Before	Right Exterior Girder	51.4867	0.95	1	1	10.080234
SU4_serv	BOBJ1	87	221.6967	After	Left Exterior Girder	51.4867	0.95	1	1	10.059674
SU4_serv	BOBJ1	87	221.6967	After	Interior Girder 1	51.4867	0.95	1	1	6.315924
SU4_serv	BOBJ1	87	221.6967	After	Interior Girder 2	51.4867	0.95	1	1	5.9141
SU4_serv	BOBJ1	87	221.6967	After	Interior Girder 3	51.4867	0.95	1	1	5.19838
SU4_serv	BOBJ1	87	221.6967	After	Interior Girder 4	51.4867	0.95	1	1	5.19838
SU4_serv	BOBJ1	87	221.6967	After	Interior Girder 5	51.4867	0.95	1	1	5.9141
SU4_serv	BOBJ1	87	221.6967	After	Interior Girder 6	51.4867	0.95	1	1	6.315924
SU4_serv	BOBJ1	87	221.6967	After	Right Exterior Girder	51.4867	0.95	1	1	10.059674
SU4_serv	BOBJ1	88	228.27	Before	Left Exterior Girder	58.06	0.95	1	1	579.736648
SU4_serv	BOBJ1	88	228.27	Before	Interior Girder 1	58.06	0.95	1	1	466.114994
SU4_serv	BOBJ1	88	228.27	Before	Interior Girder 2	58.06	0.95	1	1	249.811376
SU4_serv	BOBJ1	88	228.27	Before	Interior Girder 3	58.06	0.95	1	1	185.780856
SU4_serv	BOBJ1	88	228.27	Before	Interior Girder 4	58.06	0.95	1	1	185.780856
SU4_serv	BOBJ1	88	228.27	Before	Interior Girder 5	58.06	0.95	1	1	249.811375
SU4_serv	BOBJ1	88	228.27	Before	Interior Girder 6	58.06	0.95	1	1	466.114993
SU4_serv	BOBJ1	88	228.27	Before	Right Exterior Girder	58.06	0.95	1	1	579.736647
SU5_serv	BOBJ1	1	0	After	Left Exterior Girder	0	0.95	1	1	672.118105
SU5_serv	BOBJ1	1	0	After	Interior Girder 1	0	0.95	1	1	427.814117
SU5_serv	BOBJ1	1	0	After	Interior Girder 2	0	0.95	1	1	255.153
SU5_serv	BOBJ1	1	0	After	Interior Girder 3	0	0.95	1	1	202.255019
SU5_serv	BOBJ1	1	0	After	Interior Girder 4	0	0.95	1	1	202.255019
SU5_serv	BOBJ1	1	0	After	Interior Girder 5	0	0.95	1	1	255.153003

TABLE: Bridge Super Rating AASHTORATE18 31 - SteelICompServ-Flx - Approach, Span 16-19										
Request	BridgeObj	BridgeCut	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	Unitless	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
SU5_serv	BOBJ1	1	0	After	Interior Girder 6	0	0.95	1	1	427.814117
SU5_serv	BOBJ1	1	0	After	Right Exterior Girder	0	0.95	1	1	672.118105
SU5_serv	BOBJ1	2	5.3833	Before	Left Exterior Girder	5.3833	0.95	1	1	9.857245
SU5_serv	BOBJ1	2	5.3833	Before	Interior Girder 1	5.3833	0.95	1	1	6.398634
SU5_serv	BOBJ1	2	5.3833	Before	Interior Girder 2	5.3833	0.95	1	1	5.990515
SU5_serv	BOBJ1	2	5.3833	Before	Interior Girder 3	5.3833	0.95	1	1	5.221362
SU5_serv	BOBJ1	2	5.3833	Before	Interior Girder 4	5.3833	0.95	1	1	5.221362
SU5_serv	BOBJ1	2	5.3833	Before	Interior Girder 5	5.3833	0.95	1	1	5.990515
SU5_serv	BOBJ1	2	5.3833	Before	Interior Girder 6	5.3833	0.95	1	1	6.398634
SU5_serv	BOBJ1	2	5.3833	Before	Right Exterior Girder	5.3833	0.95	1	1	9.857245
SU5_serv	BOBJ1	3	5.3833	After	Left Exterior Girder	5.3833	0.95	1	1	9.958006
SU5_serv	BOBJ1	3	5.3833	After	Interior Girder 1	5.3833	0.95	1	1	6.422903
SU5_serv	BOBJ1	3	5.3833	After	Interior Girder 2	5.3833	0.95	1	1	6.089167
SU5_serv	BOBJ1	3	5.3833	After	Interior Girder 3	5.3833	0.95	1	1	5.40486
SU5_serv	BOBJ1	3	5.3833	After	Interior Girder 4	5.3833	0.95	1	1	5.40486
SU5_serv	BOBJ1	3	5.3833	After	Interior Girder 5	5.3833	0.95	1	1	6.089167
SU5_serv	BOBJ1	3	5.3833	After	Interior Girder 6	5.3833	0.95	1	1	6.422903
SU5_serv	BOBJ1	3	5.3833	After	Right Exterior Girder	5.3833	0.95	1	1	9.958006
SU5_serv	BOBJ1	4	10.7667	Before	Left Exterior Girder	10.7667	0.95	1	1	5.442752
SU5_serv	BOBJ1	4	10.7667	Before	Interior Girder 1	10.7667	0.95	1	1	4.112539
SU5_serv	BOBJ1	4	10.7667	Before	Interior Girder 2	10.7667	0.95	1	1	3.81741
SU5_serv	BOBJ1	4	10.7667	Before	Interior Girder 3	10.7667	0.95	1	1	3.588156
SU5_serv	BOBJ1	4	10.7667	Before	Interior Girder 4	10.7667	0.95	1	1	3.588156
SU5_serv	BOBJ1	4	10.7667	Before	Interior Girder 5	10.7667	0.95	1	1	3.81741
SU5_serv	BOBJ1	4	10.7667	Before	Interior Girder 6	10.7667	0.95	1	1	4.112539
SU5_serv	BOBJ1	4	10.7667	Before	Right Exterior Girder	10.7667	0.95	1	1	5.442752
SU5_serv	BOBJ1	5	10.7667	After	Left Exterior Girder	10.7667	0.95	1	1	5.415952
SU5_serv	BOBJ1	5	10.7667	After	Interior Girder 1	10.7667	0.95	1	1	4.122
SU5_serv	BOBJ1	5	10.7667	After	Interior Girder 2	10.7667	0.95	1	1	3.867521
SU5_serv	BOBJ1	5	10.7667	After	Interior Girder 3	10.7667	0.95	1	1	3.641043
SU5_serv	BOBJ1	5	10.7667	After	Interior Girder 4	10.7667	0.95	1	1	3.641043
SU5_serv	BOBJ1	5	10.7667	After	Interior Girder 5	10.7667	0.95	1	1	3.867521
SU5_serv	BOBJ1	5	10.7667	After	Interior Girder 6	10.7667	0.95	1	1	4.122
SU5_serv	BOBJ1	5	10.7667	After	Right Exterior Girder	10.7667	0.95	1	1	5.415952
SU5_serv	BOBJ1	6	16.15	Before	Left Exterior Girder	16.15	0.95	1	1	4.123099
SU5_serv	BOBJ1	6	16.15	Before	Interior Girder 1	16.15	0.95	1	1	3.669296
SU5_serv	BOBJ1	6	16.15	Before	Interior Girder 2	16.15	0.95	1	1	3.404839
SU5_serv	BOBJ1	6	16.15	Before	Interior Girder 3	16.15	0.95	1	1	3.306761
SU5_serv	BOBJ1	6	16.15	Before	Interior Girder 4	16.15	0.95	1	1	3.306761
SU5_serv	BOBJ1	6	16.15	Before	Interior Girder 5	16.15	0.95	1	1	3.404839
SU5_serv	BOBJ1	6	16.15	Before	Interior Girder 6	16.15	0.95	1	1	3.669296
SU5_serv	BOBJ1	6	16.15	Before	Right Exterior Girder	16.15	0.95	1	1	4.123099
SU5_serv	BOBJ1	7	16.15	After	Left Exterior Girder	16.15	0.95	1	1	4.138903
SU5_serv	BOBJ1	7	16.15	After	Interior Girder 1	16.15	0.95	1	1	3.65515
SU5_serv	BOBJ1	7	16.15	After	Interior Girder 2	16.15	0.95	1	1	3.411269
SU5_serv	BOBJ1	7	16.15	After	Interior Girder 3	16.15	0.95	1	1	3.318198
SU5_serv	BOBJ1	7	16.15	After	Interior Girder 4	16.15	0.95	1	1	3.318198
SU5_serv	BOBJ1	7	16.15	After	Interior Girder 5	16.15	0.95	1	1	3.411269
SU5_serv	BOBJ1	7	16.15	After	Interior Girder 6	16.15	0.95	1	1	3.65515
SU5_serv	BOBJ1	7	16.15	After	Right Exterior Girder	16.15	0.95	1	1	4.138903
SU5_serv	BOBJ1	8	22.1267	Before	Left Exterior Girder	22.1267	0.95	1	1	4.555114
SU5_serv	BOBJ1	8	22.1267	Before	Interior Girder 1	22.1267	0.95	1	1	3.540735
SU5_serv	BOBJ1	8	22.1267	Before	Interior Girder 2	22.1267	0.95	1	1	3.333173
SU5_serv	BOBJ1	8	22.1267	Before	Interior Girder 3	22.1267	0.95	1	1	3.187077
SU5_serv	BOBJ1	8	22.1267	Before	Interior Girder 4	22.1267	0.95	1	1	3.187077
SU5_serv	BOBJ1	8	22.1267	Before	Interior Girder 5	22.1267	0.95	1	1	3.333173
SU5_serv	BOBJ1	8	22.1267	Before	Interior Girder 6	22.1267	0.95	1	1	3.540735
SU5_serv	BOBJ1	8	22.1267	Before	Right Exterior Girder	22.1267	0.95	1	1	4.555114
SU5_serv	BOBJ1	9	22.1267	After	Left Exterior Girder	22.1267	0.95	1	1	4.593051
SU5_serv	BOBJ1	9	22.1267	After	Interior Girder 1	22.1267	0.95	1	1	3.528347
SU5_serv	BOBJ1	9	22.1267	After	Interior Girder 2	22.1267	0.95	1	1	3.317832
SU5_serv	BOBJ1	9	22.1267	After	Interior Girder 3	22.1267	0.95	1	1	3.172115
SU5_serv	BOBJ1	9	22.1267	After	Interior Girder 4	22.1267	0.95	1	1	3.172115
SU5_serv	BOBJ1	9	22.1267	After	Interior Girder 5	22.1267	0.95	1	1	3.317832
SU5_serv	BOBJ1	9	22.1267	After	Interior Girder 6	22.1267	0.95	1	1	3.528347
SU5_serv	BOBJ1	9	22.1267	After	Right Exterior Girder	22.1267	0.95	1	1	4.593051
SU5_serv	BOBJ1	10	28.1033	Before	Left Exterior Girder	28.1033	0.95	1	1	5.655378
SU5_serv	BOBJ1	10	28.1033	Before	Interior Girder 1	28.1033	0.95	1	1	4.141183
SU5_serv	BOBJ1	10	28.1033	Before	Interior Girder 2	28.1033	0.95	1	1	3.89319
SU5_serv	BOBJ1	10	28.1033	Before	Interior Girder 3	28.1033	0.95	1	1	3.748551
SU5_serv	BOBJ1	10	28.1033	Before	Interior Girder 4	28.1033	0.95	1	1	3.748551
SU5_serv	BOBJ1	10	28.1033	Before	Interior Girder 5	28.1033	0.95	1	1	3.89319
SU5_serv	BOBJ1	10	28.1033	Before	Interior Girder 6	28.1033	0.95	1	1	4.141183

TABLE: Bridge Super Rating AASHTORATE18 31 - SteelICompServ-Flx - Approach, Span 16-19										
Request	BridgeObj	BridgeCut	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	Unitless	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
SU5_serv	BOBJ1	10	28.1033	Before	Right Exterior Girder	28.1033	0.95	1	1	5.655378
SU5_serv	BOBJ1	11	28.1033	After	Left Exterior Girder	28.1033	0.95	1	1	5.597884
SU5_serv	BOBJ1	11	28.1033	After	Interior Girder 1	28.1033	0.95	1	1	4.177876
SU5_serv	BOBJ1	11	28.1033	After	Interior Girder 2	28.1033	0.95	1	1	3.89705
SU5_serv	BOBJ1	11	28.1033	After	Interior Girder 3	28.1033	0.95	1	1	3.724899
SU5_serv	BOBJ1	11	28.1033	After	Interior Girder 4	28.1033	0.95	1	1	3.724899
SU5_serv	BOBJ1	11	28.1033	After	Interior Girder 5	28.1033	0.95	1	1	3.89705
SU5_serv	BOBJ1	11	28.1033	After	Interior Girder 6	28.1033	0.95	1	1	4.177876
SU5_serv	BOBJ1	11	28.1033	After	Right Exterior Girder	28.1033	0.95	1	1	5.597884
SU5_serv	BOBJ1	12	34.08	Before	Left Exterior Girder	34.08	0.95	1	1	4.598145
SU5_serv	BOBJ1	12	34.08	Before	Interior Girder 1	34.08	0.95	1	1	4.664094
SU5_serv	BOBJ1	12	34.08	Before	Interior Girder 2	34.08	0.95	1	1	4.674993
SU5_serv	BOBJ1	12	34.08	Before	Interior Girder 3	34.08	0.95	1	1	4.838449
SU5_serv	BOBJ1	12	34.08	Before	Interior Girder 4	34.08	0.95	1	1	4.838449
SU5_serv	BOBJ1	12	34.08	Before	Interior Girder 5	34.08	0.95	1	1	4.674993
SU5_serv	BOBJ1	12	34.08	Before	Interior Girder 6	34.08	0.95	1	1	4.664094
SU5_serv	BOBJ1	12	34.08	Before	Right Exterior Girder	34.08	0.95	1	1	4.598145
SU5_serv	BOBJ1	13	34.08	After	Left Exterior Girder	34.08	0.95	1	1	4.640598
SU5_serv	BOBJ1	13	34.08	After	Interior Girder 1	34.08	0.95	1	1	4.620887
SU5_serv	BOBJ1	13	34.08	After	Interior Girder 2	34.08	0.95	1	1	4.645492
SU5_serv	BOBJ1	13	34.08	After	Interior Girder 3	34.08	0.95	1	1	4.839596
SU5_serv	BOBJ1	13	34.08	After	Interior Girder 4	34.08	0.95	1	1	4.839596
SU5_serv	BOBJ1	13	34.08	After	Interior Girder 5	34.08	0.95	1	1	4.645492
SU5_serv	BOBJ1	13	34.08	After	Interior Girder 6	34.08	0.95	1	1	4.620887
SU5_serv	BOBJ1	13	34.08	After	Right Exterior Girder	34.08	0.95	1	1	4.640598
SU5_serv	BOBJ1	14	39.855	Before	Left Exterior Girder	39.855	0.95	1	1	3.136665
SU5_serv	BOBJ1	14	39.855	Before	Interior Girder 1	39.855	0.95	1	1	3.530239
SU5_serv	BOBJ1	14	39.855	Before	Interior Girder 2	39.855	0.95	1	1	3.484632
SU5_serv	BOBJ1	14	39.855	Before	Interior Girder 3	39.855	0.95	1	1	3.350141
SU5_serv	BOBJ1	14	39.855	Before	Interior Girder 4	39.855	0.95	1	1	3.350141
SU5_serv	BOBJ1	14	39.855	Before	Interior Girder 5	39.855	0.95	1	1	3.484632
SU5_serv	BOBJ1	14	39.855	Before	Interior Girder 6	39.855	0.95	1	1	3.530239
SU5_serv	BOBJ1	14	39.855	Before	Right Exterior Girder	39.855	0.95	1	1	3.136665
SU5_serv	BOBJ1	15	39.855	After	Left Exterior Girder	39.855	0.95	1	1	3.18966
SU5_serv	BOBJ1	15	39.855	After	Interior Girder 1	39.855	0.95	1	1	3.482345
SU5_serv	BOBJ1	15	39.855	After	Interior Girder 2	39.855	0.95	1	1	3.442296
SU5_serv	BOBJ1	15	39.855	After	Interior Girder 3	39.855	0.95	1	1	3.331031
SU5_serv	BOBJ1	15	39.855	After	Interior Girder 4	39.855	0.95	1	1	3.331031
SU5_serv	BOBJ1	15	39.855	After	Interior Girder 5	39.855	0.95	1	1	3.442296
SU5_serv	BOBJ1	15	39.855	After	Interior Girder 6	39.855	0.95	1	1	3.482345
SU5_serv	BOBJ1	15	39.855	After	Right Exterior Girder	39.855	0.95	1	1	3.18966
SU5_serv	BOBJ1	16	40.0288	Before	Left Exterior Girder	40.0288	0.95	1	1	3.132849
SU5_serv	BOBJ1	16	40.0288	Before	Right Exterior Girder	40.0288	0.95	1	1	3.132849
SU5_serv	BOBJ1	17	40.0288	After	Left Exterior Girder	40.0288	0.95	1	1	4.499831
SU5_serv	BOBJ1	17	40.0288	After	Right Exterior Girder	40.0288	0.95	1	1	4.499831
SU5_serv	BOBJ1	18	45.63	Before	Left Exterior Girder	45.63	0.95	1	1	3.074466
SU5_serv	BOBJ1	18	45.63	Before	Interior Girder 1	45.63	0.95	1	1	2.550152
SU5_serv	BOBJ1	18	45.63	Before	Interior Girder 2	45.63	0.95	1	1	2.513678
SU5_serv	BOBJ1	18	45.63	Before	Interior Girder 3	45.63	0.95	1	1	2.189595
SU5_serv	BOBJ1	18	45.63	Before	Interior Girder 4	45.63	0.95	1	1	2.189595
SU5_serv	BOBJ1	18	45.63	Before	Interior Girder 5	45.63	0.95	1	1	2.513678
SU5_serv	BOBJ1	18	45.63	Before	Interior Girder 6	45.63	0.95	1	1	2.550152
SU5_serv	BOBJ1	18	45.63	Before	Right Exterior Girder	45.63	0.95	1	1	3.074466
SU5_serv	BOBJ1	19	45.63	After	Left Exterior Girder	0	0.95	1	1	3.061706
SU5_serv	BOBJ1	19	45.63	After	Interior Girder 1	0	0.95	1	1	2.309861
SU5_serv	BOBJ1	19	45.63	After	Interior Girder 2	0	0.95	1	1	2.237402
SU5_serv	BOBJ1	19	45.63	After	Interior Girder 3	0	0.95	1	1	1.881592
SU5_serv	BOBJ1	19	45.63	After	Interior Girder 4	0	0.95	1	1	1.881592
SU5_serv	BOBJ1	19	45.63	After	Interior Girder 5	0	0.95	1	1	2.237402
SU5_serv	BOBJ1	19	45.63	After	Interior Girder 6	0	0.95	1	1	2.309861
SU5_serv	BOBJ1	19	45.63	After	Right Exterior Girder	0	0.95	1	1	3.061706
SU5_serv	BOBJ1	20	50.6298	Before	Left Exterior Girder	4.9998	0.95	1	1	7.722991
SU5_serv	BOBJ1	20	50.6298	Before	Right Exterior Girder	4.9998	0.95	1	1	7.722991
SU5_serv	BOBJ1	21	50.6298	After	Left Exterior Girder	4.9998	0.95	1	1	5.116872
SU5_serv	BOBJ1	21	50.6298	After	Right Exterior Girder	4.9998	0.95	1	1	5.116872
SU5_serv	BOBJ1	22	51.4	Before	Left Exterior Girder	5.77	0.95	1	1	5.960279
SU5_serv	BOBJ1	22	51.4	Before	Interior Girder 1	5.77	0.95	1	1	5.865124
SU5_serv	BOBJ1	22	51.4	Before	Interior Girder 2	5.77	0.95	1	1	5.419809
SU5_serv	BOBJ1	22	51.4	Before	Interior Girder 3	5.77	0.95	1	1	5.028429
SU5_serv	BOBJ1	22	51.4	Before	Interior Girder 4	5.77	0.95	1	1	5.028429
SU5_serv	BOBJ1	22	51.4	Before	Interior Girder 5	5.77	0.95	1	1	5.419809
SU5_serv	BOBJ1	22	51.4	Before	Interior Girder 6	5.77	0.95	1	1	5.865124
SU5_serv	BOBJ1	22	51.4	Before	Right Exterior Girder	5.77	0.95	1	1	5.960279

TABLE: Bridge Super Rating AASHTORATE18 31 - SteelICompServ-Flx - Approach, Span 16-19										
Request	BridgeObj	BridgeCut	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	Unitless	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
SU5_serv	BOBJ1	23	51.4	After	Left Exterior Girder	5.77	0.95	1	1	5.853055
SU5_serv	BOBJ1	23	51.4	After	Interior Girder 1	5.77	0.95	1	1	5.962816
SU5_serv	BOBJ1	23	51.4	After	Interior Girder 2	5.77	0.95	1	1	5.475516
SU5_serv	BOBJ1	23	51.4	After	Interior Girder 3	5.77	0.95	1	1	5.079007
SU5_serv	BOBJ1	23	51.4	After	Interior Girder 4	5.77	0.95	1	1	5.079007
SU5_serv	BOBJ1	23	51.4	After	Interior Girder 5	5.77	0.95	1	1	5.475516
SU5_serv	BOBJ1	23	51.4	After	Interior Girder 6	5.77	0.95	1	1	5.962816
SU5_serv	BOBJ1	23	51.4	After	Right Exterior Girder	5.77	0.95	1	1	5.853055
SU5_serv	BOBJ1	24	57.17	Before	Left Exterior Girder	11.54	0.95	1	1	8.529588
SU5_serv	BOBJ1	24	57.17	Before	Interior Girder 1	11.54	0.95	1	1	7.972912
SU5_serv	BOBJ1	24	57.17	Before	Interior Girder 2	11.54	0.95	1	1	7.082266
SU5_serv	BOBJ1	24	57.17	Before	Interior Girder 3	11.54	0.95	1	1	6.840529
SU5_serv	BOBJ1	24	57.17	Before	Interior Girder 4	11.54	0.95	1	1	6.840529
SU5_serv	BOBJ1	24	57.17	Before	Interior Girder 5	11.54	0.95	1	1	7.082266
SU5_serv	BOBJ1	24	57.17	Before	Interior Girder 6	11.54	0.95	1	1	7.972912
SU5_serv	BOBJ1	24	57.17	Before	Right Exterior Girder	11.54	0.95	1	1	8.529588
SU5_serv	BOBJ1	25	57.17	After	Left Exterior Girder	11.54	0.95	1	1	8.458434
SU5_serv	BOBJ1	25	57.17	After	Interior Girder 1	11.54	0.95	1	1	8.023883
SU5_serv	BOBJ1	25	57.17	After	Interior Girder 2	11.54	0.95	1	1	7.073626
SU5_serv	BOBJ1	25	57.17	After	Interior Girder 3	11.54	0.95	1	1	6.961327
SU5_serv	BOBJ1	25	57.17	After	Interior Girder 4	11.54	0.95	1	1	6.961327
SU5_serv	BOBJ1	25	57.17	After	Interior Girder 5	11.54	0.95	1	1	7.073626
SU5_serv	BOBJ1	25	57.17	After	Interior Girder 6	11.54	0.95	1	1	8.023883
SU5_serv	BOBJ1	25	57.17	After	Right Exterior Girder	11.54	0.95	1	1	8.458434
SU5_serv	BOBJ1	26	63.34	Before	Left Exterior Girder	17.71	0.95	1	1	5.438646
SU5_serv	BOBJ1	26	63.34	Before	Interior Girder 1	17.71	0.95	1	1	4.138719
SU5_serv	BOBJ1	26	63.34	Before	Interior Girder 2	17.71	0.95	1	1	3.856848
SU5_serv	BOBJ1	26	63.34	Before	Interior Girder 3	17.71	0.95	1	1	3.699915
SU5_serv	BOBJ1	26	63.34	Before	Interior Girder 4	17.71	0.95	1	1	3.699915
SU5_serv	BOBJ1	26	63.34	Before	Interior Girder 5	17.71	0.95	1	1	3.856848
SU5_serv	BOBJ1	26	63.34	Before	Interior Girder 6	17.71	0.95	1	1	4.138719
SU5_serv	BOBJ1	26	63.34	Before	Right Exterior Girder	17.71	0.95	1	1	5.438646
SU5_serv	BOBJ1	27	63.34	After	Left Exterior Girder	17.71	0.95	1	1	5.582632
SU5_serv	BOBJ1	27	63.34	After	Interior Girder 1	17.71	0.95	1	1	4.075006
SU5_serv	BOBJ1	27	63.34	After	Interior Girder 2	17.71	0.95	1	1	3.83872
SU5_serv	BOBJ1	27	63.34	After	Interior Girder 3	17.71	0.95	1	1	3.734602
SU5_serv	BOBJ1	27	63.34	After	Interior Girder 4	17.71	0.95	1	1	3.734602
SU5_serv	BOBJ1	27	63.34	After	Interior Girder 5	17.71	0.95	1	1	3.83872
SU5_serv	BOBJ1	27	63.34	After	Interior Girder 6	17.71	0.95	1	1	4.075006
SU5_serv	BOBJ1	27	63.34	After	Right Exterior Girder	17.71	0.95	1	1	5.582632
SU5_serv	BOBJ1	28	69.51	Before	Left Exterior Girder	23.88	0.95	1	1	3.589543
SU5_serv	BOBJ1	28	69.51	Before	Interior Girder 1	23.88	0.95	1	1	3.00289
SU5_serv	BOBJ1	28	69.51	Before	Interior Girder 2	23.88	0.95	1	1	2.882092
SU5_serv	BOBJ1	28	69.51	Before	Interior Girder 3	23.88	0.95	1	1	2.821532
SU5_serv	BOBJ1	28	69.51	Before	Interior Girder 4	23.88	0.95	1	1	2.821532
SU5_serv	BOBJ1	28	69.51	Before	Interior Girder 5	23.88	0.95	1	1	2.882092
SU5_serv	BOBJ1	28	69.51	Before	Interior Girder 6	23.88	0.95	1	1	3.00289
SU5_serv	BOBJ1	28	69.51	Before	Right Exterior Girder	23.88	0.95	1	1	3.589543
SU5_serv	BOBJ1	29	69.51	After	Left Exterior Girder	23.88	0.95	1	1	3.607474
SU5_serv	BOBJ1	29	69.51	After	Interior Girder 1	23.88	0.95	1	1	3.002078
SU5_serv	BOBJ1	29	69.51	After	Interior Girder 2	23.88	0.95	1	1	2.898243
SU5_serv	BOBJ1	29	69.51	After	Interior Girder 3	23.88	0.95	1	1	2.848361
SU5_serv	BOBJ1	29	69.51	After	Interior Girder 4	23.88	0.95	1	1	2.848361
SU5_serv	BOBJ1	29	69.51	After	Interior Girder 5	23.88	0.95	1	1	2.898243
SU5_serv	BOBJ1	29	69.51	After	Interior Girder 6	23.88	0.95	1	1	3.002078
SU5_serv	BOBJ1	29	69.51	After	Right Exterior Girder	23.88	0.95	1	1	3.607474
SU5_serv	BOBJ1	30	75.68	Before	Left Exterior Girder	30.05	0.95	1	1	2.796498
SU5_serv	BOBJ1	30	75.68	Before	Interior Girder 1	30.05	0.95	1	1	2.756036
SU5_serv	BOBJ1	30	75.68	Before	Interior Girder 2	30.05	0.95	1	1	2.684801
SU5_serv	BOBJ1	30	75.68	Before	Interior Girder 3	30.05	0.95	1	1	2.708373
SU5_serv	BOBJ1	30	75.68	Before	Interior Girder 4	30.05	0.95	1	1	2.708373
SU5_serv	BOBJ1	30	75.68	Before	Interior Girder 5	30.05	0.95	1	1	2.684801
SU5_serv	BOBJ1	30	75.68	Before	Interior Girder 6	30.05	0.95	1	1	2.756036
SU5_serv	BOBJ1	30	75.68	Before	Right Exterior Girder	30.05	0.95	1	1	2.796498
SU5_serv	BOBJ1	31	75.68	After	Left Exterior Girder	30.05	0.95	1	1	2.812636
SU5_serv	BOBJ1	31	75.68	After	Interior Girder 1	30.05	0.95	1	1	2.748882
SU5_serv	BOBJ1	31	75.68	After	Interior Girder 2	30.05	0.95	1	1	2.682622
SU5_serv	BOBJ1	31	75.68	After	Interior Girder 3	30.05	0.95	1	1	2.714593
SU5_serv	BOBJ1	31	75.68	After	Interior Girder 4	30.05	0.95	1	1	2.714593
SU5_serv	BOBJ1	31	75.68	After	Interior Girder 5	30.05	0.95	1	1	2.682622
SU5_serv	BOBJ1	31	75.68	After	Interior Girder 6	30.05	0.95	1	1	2.748882
SU5_serv	BOBJ1	31	75.68	After	Right Exterior Girder	30.05	0.95	1	1	2.812636
SU5_serv	BOBJ1	32	81.8467	Before	Left Exterior Girder	36.2167	0.95	1	1	2.925924

TABLE: Bridge Super Rating AASHTORATE18 31 - SteelICompServ-Flx - Approach, Span 16-19										
Request	BridgeObj	BridgeCut	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	Unitless	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
SU5_serv	BOBJ1	32	81.8467	Before	Interior Girder 1	36.2167	0.95	1	1	2.566138
SU5_serv	BOBJ1	32	81.8467	Before	Interior Girder 2	36.2167	0.95	1	1	2.514919
SU5_serv	BOBJ1	32	81.8467	Before	Interior Girder 3	36.2167	0.95	1	1	2.477462
SU5_serv	BOBJ1	32	81.8467	Before	Interior Girder 4	36.2167	0.95	1	1	2.477462
SU5_serv	BOBJ1	32	81.8467	Before	Interior Girder 5	36.2167	0.95	1	1	2.514919
SU5_serv	BOBJ1	32	81.8467	Before	Interior Girder 6	36.2167	0.95	1	1	2.566138
SU5_serv	BOBJ1	32	81.8467	Before	Right Exterior Girder	36.2167	0.95	1	1	2.925924
SU5_serv	BOBJ1	33	81.8467	After	Left Exterior Girder	36.2167	0.95	1	1	2.937097
SU5_serv	BOBJ1	33	81.8467	After	Interior Girder 1	36.2167	0.95	1	1	2.554257
SU5_serv	BOBJ1	33	81.8467	After	Interior Girder 2	36.2167	0.95	1	1	2.50046
SU5_serv	BOBJ1	33	81.8467	After	Interior Girder 3	36.2167	0.95	1	1	2.463626
SU5_serv	BOBJ1	33	81.8467	After	Interior Girder 4	36.2167	0.95	1	1	2.463626
SU5_serv	BOBJ1	33	81.8467	After	Interior Girder 5	36.2167	0.95	1	1	2.50046
SU5_serv	BOBJ1	33	81.8467	After	Interior Girder 6	36.2167	0.95	1	1	2.554257
SU5_serv	BOBJ1	33	81.8467	After	Right Exterior Girder	36.2167	0.95	1	1	2.937097
SU5_serv	BOBJ1	34	88.0133	Before	Left Exterior Girder	42.3833	0.95	1	1	3.453314
SU5_serv	BOBJ1	34	88.0133	Before	Interior Girder 1	42.3833	0.95	1	1	2.864804
SU5_serv	BOBJ1	34	88.0133	Before	Interior Girder 2	42.3833	0.95	1	1	2.780521
SU5_serv	BOBJ1	34	88.0133	Before	Interior Girder 3	42.3833	0.95	1	1	2.734063
SU5_serv	BOBJ1	34	88.0133	Before	Interior Girder 4	42.3833	0.95	1	1	2.734063
SU5_serv	BOBJ1	34	88.0133	Before	Interior Girder 5	42.3833	0.95	1	1	2.780521
SU5_serv	BOBJ1	34	88.0133	Before	Interior Girder 6	42.3833	0.95	1	1	2.864804
SU5_serv	BOBJ1	34	88.0133	Before	Right Exterior Girder	42.3833	0.95	1	1	3.453314
SU5_serv	BOBJ1	35	88.0133	After	Left Exterior Girder	42.3833	0.95	1	1	3.394701
SU5_serv	BOBJ1	35	88.0133	After	Interior Girder 1	42.3833	0.95	1	1	2.89772
SU5_serv	BOBJ1	35	88.0133	After	Interior Girder 2	42.3833	0.95	1	1	2.798358
SU5_serv	BOBJ1	35	88.0133	After	Interior Girder 3	42.3833	0.95	1	1	2.727104
SU5_serv	BOBJ1	35	88.0133	After	Interior Girder 4	42.3833	0.95	1	1	2.727104
SU5_serv	BOBJ1	35	88.0133	After	Interior Girder 5	42.3833	0.95	1	1	2.798358
SU5_serv	BOBJ1	35	88.0133	After	Interior Girder 6	42.3833	0.95	1	1	2.89772
SU5_serv	BOBJ1	35	88.0133	After	Right Exterior Girder	42.3833	0.95	1	1	3.394701
SU5_serv	BOBJ1	36	94.18	Before	Left Exterior Girder	48.55	0.95	1	1	4.546108
SU5_serv	BOBJ1	36	94.18	Before	Interior Girder 1	48.55	0.95	1	1	4.142398
SU5_serv	BOBJ1	36	94.18	Before	Interior Girder 2	48.55	0.95	1	1	3.849421
SU5_serv	BOBJ1	36	94.18	Before	Interior Girder 3	48.55	0.95	1	1	3.834277
SU5_serv	BOBJ1	36	94.18	Before	Interior Girder 4	48.55	0.95	1	1	3.834277
SU5_serv	BOBJ1	36	94.18	Before	Interior Girder 5	48.55	0.95	1	1	3.849421
SU5_serv	BOBJ1	36	94.18	Before	Interior Girder 6	48.55	0.95	1	1	4.142398
SU5_serv	BOBJ1	36	94.18	Before	Right Exterior Girder	48.55	0.95	1	1	4.546108
SU5_serv	BOBJ1	37	94.18	After	Left Exterior Girder	48.55	0.95	1	1	4.461719
SU5_serv	BOBJ1	37	94.18	After	Interior Girder 1	48.55	0.95	1	1	4.18511
SU5_serv	BOBJ1	37	94.18	After	Interior Girder 2	48.55	0.95	1	1	3.853593
SU5_serv	BOBJ1	37	94.18	After	Interior Girder 3	48.55	0.95	1	1	3.791681
SU5_serv	BOBJ1	37	94.18	After	Interior Girder 4	48.55	0.95	1	1	3.791681
SU5_serv	BOBJ1	37	94.18	After	Interior Girder 5	48.55	0.95	1	1	3.853593
SU5_serv	BOBJ1	37	94.18	After	Interior Girder 6	48.55	0.95	1	1	4.18511
SU5_serv	BOBJ1	37	94.18	After	Right Exterior Girder	48.55	0.95	1	1	4.461719
SU5_serv	BOBJ1	38	100.3567	Before	Left Exterior Girder	54.7267	0.95	1	1	7.166327
SU5_serv	BOBJ1	38	100.3567	Before	Interior Girder 1	54.7267	0.95	1	1	6.35875
SU5_serv	BOBJ1	38	100.3567	Before	Interior Girder 2	54.7267	0.95	1	1	5.823582
SU5_serv	BOBJ1	38	100.3567	Before	Interior Girder 3	54.7267	0.95	1	1	5.637886
SU5_serv	BOBJ1	38	100.3567	Before	Interior Girder 4	54.7267	0.95	1	1	5.637886
SU5_serv	BOBJ1	38	100.3567	Before	Interior Girder 5	54.7267	0.95	1	1	5.823582
SU5_serv	BOBJ1	38	100.3567	Before	Interior Girder 6	54.7267	0.95	1	1	6.35875
SU5_serv	BOBJ1	38	100.3567	Before	Right Exterior Girder	54.7267	0.95	1	1	7.166327
SU5_serv	BOBJ1	39	100.3567	After	Left Exterior Girder	54.7267	0.95	1	1	7.249839
SU5_serv	BOBJ1	39	100.3567	After	Interior Girder 1	54.7267	0.95	1	1	6.362433
SU5_serv	BOBJ1	39	100.3567	After	Interior Girder 2	54.7267	0.95	1	1	5.778548
SU5_serv	BOBJ1	39	100.3567	After	Interior Girder 3	54.7267	0.95	1	1	5.452578
SU5_serv	BOBJ1	39	100.3567	After	Interior Girder 4	54.7267	0.95	1	1	5.452578
SU5_serv	BOBJ1	39	100.3567	After	Interior Girder 5	54.7267	0.95	1	1	5.778548
SU5_serv	BOBJ1	39	100.3567	After	Interior Girder 6	54.7267	0.95	1	1	6.362433
SU5_serv	BOBJ1	39	100.3567	After	Right Exterior Girder	54.7267	0.95	1	1	7.249839
SU5_serv	BOBJ1	40	106.5333	Before	Left Exterior Girder	60.9033	0.95	1	1	4.972481
SU5_serv	BOBJ1	40	106.5333	Before	Interior Girder 1	60.9033	0.95	1	1	5.182491
SU5_serv	BOBJ1	40	106.5333	Before	Interior Girder 2	60.9033	0.95	1	1	4.846058
SU5_serv	BOBJ1	40	106.5333	Before	Interior Girder 3	60.9033	0.95	1	1	4.577982
SU5_serv	BOBJ1	40	106.5333	Before	Interior Girder 4	60.9033	0.95	1	1	4.577982
SU5_serv	BOBJ1	40	106.5333	Before	Interior Girder 5	60.9033	0.95	1	1	4.846058
SU5_serv	BOBJ1	40	106.5333	Before	Interior Girder 6	60.9033	0.95	1	1	5.182491
SU5_serv	BOBJ1	40	106.5333	Before	Right Exterior Girder	60.9033	0.95	1	1	4.972481
SU5_serv	BOBJ1	41	106.5333	After	Left Exterior Girder	60.9033	0.95	1	1	5.077362
SU5_serv	BOBJ1	41	106.5333	After	Interior Girder 1	60.9033	0.95	1	1	5.061567

TABLE: Bridge Super Rating AASHTORATE18 31 - SteelICompServ-Flx - Approach, Span 16-19										
Request	BridgeObj	BridgeCut	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	Unitless	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
SU5_serv	BOBJ1	41	106.5333	After	Interior Girder 2	60.9033	0.95	1	1	4.746178
SU5_serv	BOBJ1	41	106.5333	After	Interior Girder 3	60.9033	0.95	1	1	4.486497
SU5_serv	BOBJ1	41	106.5333	After	Interior Girder 4	60.9033	0.95	1	1	4.486497
SU5_serv	BOBJ1	41	106.5333	After	Interior Girder 5	60.9033	0.95	1	1	4.746178
SU5_serv	BOBJ1	41	106.5333	After	Interior Girder 6	60.9033	0.95	1	1	5.061567
SU5_serv	BOBJ1	41	106.5333	After	Right Exterior Girder	60.9033	0.95	1	1	5.077362
SU5_serv	BOBJ1	42	108.2102	Before	Left Exterior Girder	62.5802	0.95	1	1	4.403756
SU5_serv	BOBJ1	42	108.2102	Before	Right Exterior Girder	62.5802	0.95	1	1	4.403756
SU5_serv	BOBJ1	43	108.2102	After	Left Exterior Girder	62.5802	0.95	1	1	6.446456
SU5_serv	BOBJ1	43	108.2102	After	Right Exterior Girder	62.5802	0.95	1	1	6.446456
SU5_serv	BOBJ1	44	112.71	Before	Left Exterior Girder	67.08	0.95	1	1	3.331223
SU5_serv	BOBJ1	44	112.71	Before	Interior Girder 1	67.08	0.95	1	1	2.364605
SU5_serv	BOBJ1	44	112.71	Before	Interior Girder 2	67.08	0.95	1	1	2.284906
SU5_serv	BOBJ1	44	112.71	Before	Interior Girder 3	67.08	0.95	1	1	1.953095
SU5_serv	BOBJ1	44	112.71	Before	Interior Girder 4	67.08	0.95	1	1	1.953095
SU5_serv	BOBJ1	44	112.71	Before	Interior Girder 5	67.08	0.95	1	1	2.284906
SU5_serv	BOBJ1	44	112.71	Before	Interior Girder 6	67.08	0.95	1	1	2.364605
SU5_serv	BOBJ1	44	112.71	Before	Right Exterior Girder	67.08	0.95	1	1	3.331223
SU5_serv	BOBJ1	45	112.71	After	Left Exterior Girder	0	0.95	1	1	3.367571
SU5_serv	BOBJ1	45	112.71	After	Interior Girder 1	0	0.95	1	1	2.707738
SU5_serv	BOBJ1	45	112.71	After	Interior Girder 2	0	0.95	1	1	2.483085
SU5_serv	BOBJ1	45	112.71	After	Interior Girder 3	0	0.95	1	1	2.128331
SU5_serv	BOBJ1	45	112.71	After	Interior Girder 4	0	0.95	1	1	2.128331
SU5_serv	BOBJ1	45	112.71	After	Interior Girder 5	0	0.95	1	1	2.483085
SU5_serv	BOBJ1	45	112.71	After	Interior Girder 6	0	0.95	1	1	2.707738
SU5_serv	BOBJ1	45	112.71	After	Right Exterior Girder	0	0.95	1	1	3.367571
SU5_serv	BOBJ1	46	117.21	Before	Left Exterior Girder	4.5	0.95	1	1	4.499112
SU5_serv	BOBJ1	46	117.21	Before	Right Exterior Girder	4.5	0.95	1	1	4.499112
SU5_serv	BOBJ1	47	117.21	After	Left Exterior Girder	4.5	0.95	1	1	3.065364
SU5_serv	BOBJ1	47	117.21	After	Right Exterior Girder	4.5	0.95	1	1	3.065364
SU5_serv	BOBJ1	48	119.1	Before	Left Exterior Girder	6.39	0.95	1	1	3.561082
SU5_serv	BOBJ1	48	119.1	Before	Interior Girder 1	6.39	0.95	1	1	3.771319
SU5_serv	BOBJ1	48	119.1	Before	Interior Girder 2	6.39	0.95	1	1	3.697559
SU5_serv	BOBJ1	48	119.1	Before	Interior Girder 3	6.39	0.95	1	1	3.58823
SU5_serv	BOBJ1	48	119.1	Before	Interior Girder 4	6.39	0.95	1	1	3.58823
SU5_serv	BOBJ1	48	119.1	Before	Interior Girder 5	6.39	0.95	1	1	3.697559
SU5_serv	BOBJ1	48	119.1	Before	Interior Girder 6	6.39	0.95	1	1	3.771319
SU5_serv	BOBJ1	48	119.1	Before	Right Exterior Girder	6.39	0.95	1	1	3.561082
SU5_serv	BOBJ1	49	119.1	After	Left Exterior Girder	6.39	0.95	1	1	3.504104
SU5_serv	BOBJ1	49	119.1	After	Interior Girder 1	6.39	0.95	1	1	3.831311
SU5_serv	BOBJ1	49	119.1	After	Interior Girder 2	6.39	0.95	1	1	3.749017
SU5_serv	BOBJ1	49	119.1	After	Interior Girder 3	6.39	0.95	1	1	3.613586
SU5_serv	BOBJ1	49	119.1	After	Interior Girder 4	6.39	0.95	1	1	3.613586
SU5_serv	BOBJ1	49	119.1	After	Interior Girder 5	6.39	0.95	1	1	3.749017
SU5_serv	BOBJ1	49	119.1	After	Interior Girder 6	6.39	0.95	1	1	3.831311
SU5_serv	BOBJ1	49	119.1	After	Right Exterior Girder	6.39	0.95	1	1	3.504104
SU5_serv	BOBJ1	50	125.49	Before	Left Exterior Girder	12.78	0.95	1	1	5.174647
SU5_serv	BOBJ1	50	125.49	Before	Interior Girder 1	12.78	0.95	1	1	5.12184
SU5_serv	BOBJ1	50	125.49	Before	Interior Girder 2	12.78	0.95	1	1	5.143912
SU5_serv	BOBJ1	50	125.49	Before	Interior Girder 3	12.78	0.95	1	1	5.207359
SU5_serv	BOBJ1	50	125.49	Before	Interior Girder 4	12.78	0.95	1	1	5.207359
SU5_serv	BOBJ1	50	125.49	Before	Interior Girder 5	12.78	0.95	1	1	5.143912
SU5_serv	BOBJ1	50	125.49	Before	Interior Girder 6	12.78	0.95	1	1	5.12184
SU5_serv	BOBJ1	50	125.49	Before	Right Exterior Girder	12.78	0.95	1	1	5.174647
SU5_serv	BOBJ1	51	125.49	After	Left Exterior Girder	12.78	0.95	1	1	5.121815
SU5_serv	BOBJ1	51	125.49	After	Interior Girder 1	12.78	0.95	1	1	5.180655
SU5_serv	BOBJ1	51	125.49	After	Interior Girder 2	12.78	0.95	1	1	5.18235
SU5_serv	BOBJ1	51	125.49	After	Interior Girder 3	12.78	0.95	1	1	5.220415
SU5_serv	BOBJ1	51	125.49	After	Interior Girder 4	12.78	0.95	1	1	5.220415
SU5_serv	BOBJ1	51	125.49	After	Interior Girder 5	12.78	0.95	1	1	5.18235
SU5_serv	BOBJ1	51	125.49	After	Interior Girder 6	12.78	0.95	1	1	5.180655
SU5_serv	BOBJ1	51	125.49	After	Right Exterior Girder	12.78	0.95	1	1	5.121815
SU5_serv	BOBJ1	52	131.88	Before	Left Exterior Girder	19.17	0.95	1	1	4.792274
SU5_serv	BOBJ1	52	131.88	Before	Interior Girder 1	19.17	0.95	1	1	4.492036
SU5_serv	BOBJ1	52	131.88	Before	Interior Girder 2	19.17	0.95	1	1	4.103014
SU5_serv	BOBJ1	52	131.88	Before	Interior Girder 3	19.17	0.95	1	1	4.000025
SU5_serv	BOBJ1	52	131.88	Before	Interior Girder 4	19.17	0.95	1	1	4.000025
SU5_serv	BOBJ1	52	131.88	Before	Interior Girder 5	19.17	0.95	1	1	4.103014
SU5_serv	BOBJ1	52	131.88	Before	Interior Girder 6	19.17	0.95	1	1	4.492036
SU5_serv	BOBJ1	52	131.88	Before	Right Exterior Girder	19.17	0.95	1	1	4.792274
SU5_serv	BOBJ1	53	131.88	After	Left Exterior Girder	19.17	0.95	1	1	4.831235
SU5_serv	BOBJ1	53	131.88	After	Interior Girder 1	19.17	0.95	1	1	4.46834
SU5_serv	BOBJ1	53	131.88	After	Interior Girder 2	19.17	0.95	1	1	4.105863

TABLE: Bridge Super Rating AASHTORATE18 31 - SteelICompServ-Flx - Approach, Span 16-19										
Request	BridgeObj	BridgeCut	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	Unitless	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
SU5_serv	BOBJ1	53	131.88	After	Interior Girder 3	19.17	0.95	1	1	4.038115
SU5_serv	BOBJ1	53	131.88	After	Interior Girder 4	19.17	0.95	1	1	4.038115
SU5_serv	BOBJ1	53	131.88	After	Interior Girder 5	19.17	0.95	1	1	4.105863
SU5_serv	BOBJ1	53	131.88	After	Interior Girder 6	19.17	0.95	1	1	4.46834
SU5_serv	BOBJ1	53	131.88	After	Right Exterior Girder	19.17	0.95	1	1	4.831235
SU5_serv	BOBJ1	54	138.27	Before	Left Exterior Girder	25.56	0.95	1	1	4.326522
SU5_serv	BOBJ1	54	138.27	Before	Interior Girder 1	25.56	0.95	1	1	3.526176
SU5_serv	BOBJ1	54	138.27	Before	Interior Girder 2	25.56	0.95	1	1	3.330325
SU5_serv	BOBJ1	54	138.27	Before	Interior Girder 3	25.56	0.95	1	1	3.18605
SU5_serv	BOBJ1	54	138.27	Before	Interior Girder 4	25.56	0.95	1	1	3.18605
SU5_serv	BOBJ1	54	138.27	Before	Interior Girder 5	25.56	0.95	1	1	3.330325
SU5_serv	BOBJ1	54	138.27	Before	Interior Girder 6	25.56	0.95	1	1	3.526176
SU5_serv	BOBJ1	54	138.27	Before	Right Exterior Girder	25.56	0.95	1	1	4.326522
SU5_serv	BOBJ1	55	138.27	After	Left Exterior Girder	25.56	0.95	1	1	4.376166
SU5_serv	BOBJ1	55	138.27	After	Interior Girder 1	25.56	0.95	1	1	3.502803
SU5_serv	BOBJ1	55	138.27	After	Interior Girder 2	25.56	0.95	1	1	3.315538
SU5_serv	BOBJ1	55	138.27	After	Interior Girder 3	25.56	0.95	1	1	3.186234
SU5_serv	BOBJ1	55	138.27	After	Interior Girder 4	25.56	0.95	1	1	3.186234
SU5_serv	BOBJ1	55	138.27	After	Interior Girder 5	25.56	0.95	1	1	3.315538
SU5_serv	BOBJ1	55	138.27	After	Interior Girder 6	25.56	0.95	1	1	3.502803
SU5_serv	BOBJ1	55	138.27	After	Right Exterior Girder	25.56	0.95	1	1	4.376166
SU5_serv	BOBJ1	56	144.66	Before	Left Exterior Girder	31.95	0.95	1	1	4.469492
SU5_serv	BOBJ1	56	144.66	Before	Interior Girder 1	31.95	0.95	1	1	3.534845
SU5_serv	BOBJ1	56	144.66	Before	Interior Girder 2	31.95	0.95	1	1	3.344939
SU5_serv	BOBJ1	56	144.66	Before	Interior Girder 3	31.95	0.95	1	1	3.213633
SU5_serv	BOBJ1	56	144.66	Before	Interior Girder 4	31.95	0.95	1	1	3.213633
SU5_serv	BOBJ1	56	144.66	Before	Interior Girder 5	31.95	0.95	1	1	3.344939
SU5_serv	BOBJ1	56	144.66	Before	Interior Girder 6	31.95	0.95	1	1	3.534845
SU5_serv	BOBJ1	56	144.66	Before	Right Exterior Girder	31.95	0.95	1	1	4.469492
SU5_serv	BOBJ1	57	144.66	After	Left Exterior Girder	31.95	0.95	1	1	4.407501
SU5_serv	BOBJ1	57	144.66	After	Interior Girder 1	31.95	0.95	1	1	3.56488
SU5_serv	BOBJ1	57	144.66	After	Interior Girder 2	31.95	0.95	1	1	3.358854
SU5_serv	BOBJ1	57	144.66	After	Interior Girder 3	31.95	0.95	1	1	3.208651
SU5_serv	BOBJ1	57	144.66	After	Interior Girder 4	31.95	0.95	1	1	3.208651
SU5_serv	BOBJ1	57	144.66	After	Interior Girder 5	31.95	0.95	1	1	3.358854
SU5_serv	BOBJ1	57	144.66	After	Interior Girder 6	31.95	0.95	1	1	3.56488
SU5_serv	BOBJ1	57	144.66	After	Right Exterior Girder	31.95	0.95	1	1	4.407501
SU5_serv	BOBJ1	58	151.05	Before	Left Exterior Girder	38.34	0.95	1	1	5.141724
SU5_serv	BOBJ1	58	151.05	Before	Interior Girder 1	38.34	0.95	1	1	4.605013
SU5_serv	BOBJ1	58	151.05	Before	Interior Girder 2	38.34	0.95	1	1	4.220555
SU5_serv	BOBJ1	58	151.05	Before	Interior Girder 3	38.34	0.95	1	1	4.14071
SU5_serv	BOBJ1	58	151.05	Before	Interior Girder 4	38.34	0.95	1	1	4.14071
SU5_serv	BOBJ1	58	151.05	Before	Interior Girder 5	38.34	0.95	1	1	4.220555
SU5_serv	BOBJ1	58	151.05	Before	Interior Girder 6	38.34	0.95	1	1	4.605013
SU5_serv	BOBJ1	58	151.05	Before	Right Exterior Girder	38.34	0.95	1	1	5.141724
SU5_serv	BOBJ1	59	151.05	After	Left Exterior Girder	38.34	0.95	1	1	5.087435
SU5_serv	BOBJ1	59	151.05	After	Interior Girder 1	38.34	0.95	1	1	4.640324
SU5_serv	BOBJ1	59	151.05	After	Interior Girder 2	38.34	0.95	1	1	4.216165
SU5_serv	BOBJ1	59	151.05	After	Interior Girder 3	38.34	0.95	1	1	4.094201
SU5_serv	BOBJ1	59	151.05	After	Interior Girder 4	38.34	0.95	1	1	4.094201
SU5_serv	BOBJ1	59	151.05	After	Interior Girder 5	38.34	0.95	1	1	4.216165
SU5_serv	BOBJ1	59	151.05	After	Interior Girder 6	38.34	0.95	1	1	4.640324
SU5_serv	BOBJ1	59	151.05	After	Right Exterior Girder	38.34	0.95	1	1	5.087435
SU5_serv	BOBJ1	60	157.4367	Before	Left Exterior Girder	44.7267	0.95	1	1	5.242692
SU5_serv	BOBJ1	60	157.4367	Before	Interior Girder 1	44.7267	0.95	1	1	5.484966
SU5_serv	BOBJ1	60	157.4367	Before	Interior Girder 2	44.7267	0.95	1	1	5.349953
SU5_serv	BOBJ1	60	157.4367	Before	Interior Girder 3	44.7267	0.95	1	1	5.379322
SU5_serv	BOBJ1	60	157.4367	Before	Interior Girder 4	44.7267	0.95	1	1	5.379322
SU5_serv	BOBJ1	60	157.4367	Before	Interior Girder 5	44.7267	0.95	1	1	5.349953
SU5_serv	BOBJ1	60	157.4367	Before	Interior Girder 6	44.7267	0.95	1	1	5.484966
SU5_serv	BOBJ1	60	157.4367	Before	Right Exterior Girder	44.7267	0.95	1	1	5.242692
SU5_serv	BOBJ1	61	157.4367	After	Left Exterior Girder	44.7267	0.95	1	1	5.287768
SU5_serv	BOBJ1	61	157.4367	After	Interior Girder 1	44.7267	0.95	1	1	5.441329
SU5_serv	BOBJ1	61	157.4367	After	Interior Girder 2	44.7267	0.95	1	1	5.325402
SU5_serv	BOBJ1	61	157.4367	After	Interior Girder 3	44.7267	0.95	1	1	5.371067
SU5_serv	BOBJ1	61	157.4367	After	Interior Girder 4	44.7267	0.95	1	1	5.371067
SU5_serv	BOBJ1	61	157.4367	After	Interior Girder 5	44.7267	0.95	1	1	5.325402
SU5_serv	BOBJ1	61	157.4367	After	Interior Girder 6	44.7267	0.95	1	1	5.441329
SU5_serv	BOBJ1	61	157.4367	After	Right Exterior Girder	44.7267	0.95	1	1	5.287768
SU5_serv	BOBJ1	62	158.71	Before	Left Exterior Girder	46	0.95	1	1	4.898416
SU5_serv	BOBJ1	62	158.71	Before	Interior Girder 1	46	0.95	1	1	5.169029
SU5_serv	BOBJ1	62	158.71	Before	Interior Girder 2	46	0.95	1	1	5.004432
SU5_serv	BOBJ1	62	158.71	Before	Interior Girder 3	46	0.95	1	1	4.986939

TABLE: Bridge Super Rating AASHTORATE18 31 - SteelICompServ-Flx - Approach, Span 16-19										
Request	BridgeObj	BridgeCut	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	Unitless	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
SU5_serv	BOBJ1	62	158.71	Before	Interior Girder 4	46	0.95	1	1	4.986939
SU5_serv	BOBJ1	62	158.71	Before	Interior Girder 5	46	0.95	1	1	5.004432
SU5_serv	BOBJ1	62	158.71	Before	Interior Girder 6	46	0.95	1	1	5.169029
SU5_serv	BOBJ1	62	158.71	Before	Right Exterior Girder	46	0.95	1	1	4.898416
SU5_serv	BOBJ1	63	158.71	After	Left Exterior Girder	46	0.95	1	1	6.677118
SU5_serv	BOBJ1	63	158.71	After	Interior Girder 1	46	0.95	1	1	6.467545
SU5_serv	BOBJ1	63	158.71	After	Interior Girder 2	46	0.95	1	1	6.241306
SU5_serv	BOBJ1	63	158.71	After	Interior Girder 3	46	0.95	1	1	6.253482
SU5_serv	BOBJ1	63	158.71	After	Interior Girder 4	46	0.95	1	1	6.253482
SU5_serv	BOBJ1	63	158.71	After	Interior Girder 5	46	0.95	1	1	6.241306
SU5_serv	BOBJ1	63	158.71	After	Interior Girder 6	46	0.95	1	1	6.467545
SU5_serv	BOBJ1	63	158.71	After	Right Exterior Girder	46	0.95	1	1	6.677118
SU5_serv	BOBJ1	64	163.8233	Before	Left Exterior Girder	51.1133	0.95	1	1	5.067056
SU5_serv	BOBJ1	64	163.8233	Before	Interior Girder 1	51.1133	0.95	1	1	5.208772
SU5_serv	BOBJ1	64	163.8233	Before	Interior Girder 2	51.1133	0.95	1	1	4.945312
SU5_serv	BOBJ1	64	163.8233	Before	Interior Girder 3	51.1133	0.95	1	1	4.707245
SU5_serv	BOBJ1	64	163.8233	Before	Interior Girder 4	51.1133	0.95	1	1	4.707245
SU5_serv	BOBJ1	64	163.8233	Before	Interior Girder 5	51.1133	0.95	1	1	4.945312
SU5_serv	BOBJ1	64	163.8233	Before	Interior Girder 6	51.1133	0.95	1	1	5.208772
SU5_serv	BOBJ1	64	163.8233	Before	Right Exterior Girder	51.1133	0.95	1	1	5.067056
SU5_serv	BOBJ1	65	163.8233	After	Left Exterior Girder	51.1133	0.95	1	1	5.144911
SU5_serv	BOBJ1	65	163.8233	After	Interior Girder 1	51.1133	0.95	1	1	5.101656
SU5_serv	BOBJ1	65	163.8233	After	Interior Girder 2	51.1133	0.95	1	1	4.852837
SU5_serv	BOBJ1	65	163.8233	After	Interior Girder 3	51.1133	0.95	1	1	4.622325
SU5_serv	BOBJ1	65	163.8233	After	Interior Girder 4	51.1133	0.95	1	1	4.622325
SU5_serv	BOBJ1	65	163.8233	After	Interior Girder 5	51.1133	0.95	1	1	4.852837
SU5_serv	BOBJ1	65	163.8233	After	Interior Girder 6	51.1133	0.95	1	1	5.101656
SU5_serv	BOBJ1	65	163.8233	After	Right Exterior Girder	51.1133	0.95	1	1	5.144911
SU5_serv	BOBJ1	66	164.71	Before	Left Exterior Girder	52	0.95	1	1	4.873048
SU5_serv	BOBJ1	66	164.71	Before	Right Exterior Girder	52	0.95	1	1	4.873048
SU5_serv	BOBJ1	67	164.71	After	Left Exterior Girder	52	0.95	1	1	7.344411
SU5_serv	BOBJ1	67	164.71	After	Right Exterior Girder	52	0.95	1	1	7.344411
SU5_serv	BOBJ1	68	170.21	Before	Left Exterior Girder	57.5	0.95	1	1	5.562997
SU5_serv	BOBJ1	68	170.21	Before	Interior Girder 1	57.5	0.95	1	1	3.472712
SU5_serv	BOBJ1	68	170.21	Before	Interior Girder 2	57.5	0.95	1	1	3.195089
SU5_serv	BOBJ1	68	170.21	Before	Interior Girder 3	57.5	0.95	1	1	2.645513
SU5_serv	BOBJ1	68	170.21	Before	Interior Girder 4	57.5	0.95	1	1	2.645513
SU5_serv	BOBJ1	68	170.21	Before	Interior Girder 5	57.5	0.95	1	1	3.195089
SU5_serv	BOBJ1	68	170.21	Before	Interior Girder 6	57.5	0.95	1	1	3.472712
SU5_serv	BOBJ1	68	170.21	Before	Right Exterior Girder	57.5	0.95	1	1	5.562997
SU5_serv	BOBJ1	69	170.21	After	Left Exterior Girder	0	0.95	1	1	5.589133
SU5_serv	BOBJ1	69	170.21	After	Interior Girder 1	0	0.95	1	1	3.347431
SU5_serv	BOBJ1	69	170.21	After	Interior Girder 2	0	0.95	1	1	3.136839
SU5_serv	BOBJ1	69	170.21	After	Interior Girder 3	0	0.95	1	1	2.63512
SU5_serv	BOBJ1	69	170.21	After	Interior Girder 4	0	0.95	1	1	2.63512
SU5_serv	BOBJ1	69	170.21	After	Interior Girder 5	0	0.95	1	1	3.136839
SU5_serv	BOBJ1	69	170.21	After	Interior Girder 6	0	0.95	1	1	3.347431
SU5_serv	BOBJ1	69	170.21	After	Right Exterior Girder	0	0.95	1	1	5.589133
SU5_serv	BOBJ1	70	176.21	Before	Left Exterior Girder	6	0.95	1	1	8.480736
SU5_serv	BOBJ1	70	176.21	Before	Right Exterior Girder	6	0.95	1	1	8.480736
SU5_serv	BOBJ1	71	176.21	After	Left Exterior Girder	6	0.95	1	1	5.71342
SU5_serv	BOBJ1	71	176.21	After	Right Exterior Girder	6	0.95	1	1	5.71342
SU5_serv	BOBJ1	72	176.6	Before	Left Exterior Girder	6.39	0.95	1	1	5.852274
SU5_serv	BOBJ1	72	176.6	Before	Interior Girder 1	6.39	0.95	1	1	5.644901
SU5_serv	BOBJ1	72	176.6	Before	Interior Girder 2	6.39	0.95	1	1	5.277404
SU5_serv	BOBJ1	72	176.6	Before	Interior Girder 3	6.39	0.95	1	1	5.014997
SU5_serv	BOBJ1	72	176.6	Before	Interior Girder 4	6.39	0.95	1	1	5.014997
SU5_serv	BOBJ1	72	176.6	Before	Interior Girder 5	6.39	0.95	1	1	5.277404
SU5_serv	BOBJ1	72	176.6	Before	Interior Girder 6	6.39	0.95	1	1	5.644901
SU5_serv	BOBJ1	72	176.6	Before	Right Exterior Girder	6.39	0.95	1	1	5.852274
SU5_serv	BOBJ1	73	176.6	After	Left Exterior Girder	6.39	0.95	1	1	5.731998
SU5_serv	BOBJ1	73	176.6	After	Interior Girder 1	6.39	0.95	1	1	5.778097
SU5_serv	BOBJ1	73	176.6	After	Interior Girder 2	6.39	0.95	1	1	5.389717
SU5_serv	BOBJ1	73	176.6	After	Interior Girder 3	6.39	0.95	1	1	5.11775
SU5_serv	BOBJ1	73	176.6	After	Interior Girder 4	6.39	0.95	1	1	5.11775
SU5_serv	BOBJ1	73	176.6	After	Interior Girder 5	6.39	0.95	1	1	5.389717
SU5_serv	BOBJ1	73	176.6	After	Interior Girder 6	6.39	0.95	1	1	5.778097
SU5_serv	BOBJ1	73	176.6	After	Right Exterior Girder	6.39	0.95	1	1	5.731998
SU5_serv	BOBJ1	74	182.99	Before	Left Exterior Girder	12.78	0.95	1	1	7.933025
SU5_serv	BOBJ1	74	182.99	Before	Interior Girder 1	12.78	0.95	1	1	6.663596
SU5_serv	BOBJ1	74	182.99	Before	Interior Girder 2	12.78	0.95	1	1	6.060735
SU5_serv	BOBJ1	74	182.99	Before	Interior Girder 3	12.78	0.95	1	1	5.808739
SU5_serv	BOBJ1	74	182.99	Before	Interior Girder 4	12.78	0.95	1	1	5.808739

TABLE: Bridge Super Rating AASHTORATE18 31 - SteelICompServ-Flx - Approach, Span 16-19										
Request	BridgeObj	BridgeCut	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	Unitless	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
SU5_serv	BOBJ1	74	182.99	Before	Interior Girder 5	12.78	0.95	1	1	6.060735
SU5_serv	BOBJ1	74	182.99	Before	Interior Girder 6	12.78	0.95	1	1	6.663596
SU5_serv	BOBJ1	74	182.99	Before	Right Exterior Girder	12.78	0.95	1	1	7.933025
SU5_serv	BOBJ1	75	182.99	After	Left Exterior Girder	12.78	0.95	1	1	7.87264
SU5_serv	BOBJ1	75	182.99	After	Interior Girder 1	12.78	0.95	1	1	6.678513
SU5_serv	BOBJ1	75	182.99	After	Interior Girder 2	12.78	0.95	1	1	6.136398
SU5_serv	BOBJ1	75	182.99	After	Interior Girder 3	12.78	0.95	1	1	6.039009
SU5_serv	BOBJ1	75	182.99	After	Interior Girder 4	12.78	0.95	1	1	6.039009
SU5_serv	BOBJ1	75	182.99	After	Interior Girder 5	12.78	0.95	1	1	6.136398
SU5_serv	BOBJ1	75	182.99	After	Interior Girder 6	12.78	0.95	1	1	6.678513
SU5_serv	BOBJ1	75	182.99	After	Right Exterior Girder	12.78	0.95	1	1	7.87264
SU5_serv	BOBJ1	76	189.38	Before	Left Exterior Girder	19.17	0.95	1	1	5.011267
SU5_serv	BOBJ1	76	189.38	Before	Interior Girder 1	19.17	0.95	1	1	4.470188
SU5_serv	BOBJ1	76	189.38	Before	Interior Girder 2	19.17	0.95	1	1	4.098726
SU5_serv	BOBJ1	76	189.38	Before	Interior Girder 3	19.17	0.95	1	1	4.030625
SU5_serv	BOBJ1	76	189.38	Before	Interior Girder 4	19.17	0.95	1	1	4.030625
SU5_serv	BOBJ1	76	189.38	Before	Interior Girder 5	19.17	0.95	1	1	4.098726
SU5_serv	BOBJ1	76	189.38	Before	Interior Girder 6	19.17	0.95	1	1	4.470188
SU5_serv	BOBJ1	76	189.38	Before	Right Exterior Girder	19.17	0.95	1	1	5.011267
SU5_serv	BOBJ1	77	189.38	After	Left Exterior Girder	19.17	0.95	1	1	5.082319
SU5_serv	BOBJ1	77	189.38	After	Interior Girder 1	19.17	0.95	1	1	4.427108
SU5_serv	BOBJ1	77	189.38	After	Interior Girder 2	19.17	0.95	1	1	4.103469
SU5_serv	BOBJ1	77	189.38	After	Interior Girder 3	19.17	0.95	1	1	4.079674
SU5_serv	BOBJ1	77	189.38	After	Interior Girder 4	19.17	0.95	1	1	4.079674
SU5_serv	BOBJ1	77	189.38	After	Interior Girder 5	19.17	0.95	1	1	4.103469
SU5_serv	BOBJ1	77	189.38	After	Interior Girder 6	19.17	0.95	1	1	4.427108
SU5_serv	BOBJ1	77	189.38	After	Right Exterior Girder	19.17	0.95	1	1	5.082319
SU5_serv	BOBJ1	78	195.77	Before	Left Exterior Girder	25.56	0.95	1	1	3.931148
SU5_serv	BOBJ1	78	195.77	Before	Interior Girder 1	25.56	0.95	1	1	3.163142
SU5_serv	BOBJ1	78	195.77	Before	Interior Girder 2	25.56	0.95	1	1	3.025459
SU5_serv	BOBJ1	78	195.77	Before	Interior Girder 3	25.56	0.95	1	1	2.940803
SU5_serv	BOBJ1	78	195.77	Before	Interior Girder 4	25.56	0.95	1	1	2.940803
SU5_serv	BOBJ1	78	195.77	Before	Interior Girder 5	25.56	0.95	1	1	3.025459
SU5_serv	BOBJ1	78	195.77	Before	Interior Girder 6	25.56	0.95	1	1	3.163142
SU5_serv	BOBJ1	78	195.77	Before	Right Exterior Girder	25.56	0.95	1	1	3.931148
SU5_serv	BOBJ1	79	195.77	After	Left Exterior Girder	25.56	0.95	1	1	3.984901
SU5_serv	BOBJ1	79	195.77	After	Interior Girder 1	25.56	0.95	1	1	3.128812
SU5_serv	BOBJ1	79	195.77	After	Interior Girder 2	25.56	0.95	1	1	3.012277
SU5_serv	BOBJ1	79	195.77	After	Interior Girder 3	25.56	0.95	1	1	2.949521
SU5_serv	BOBJ1	79	195.77	After	Interior Girder 4	25.56	0.95	1	1	2.949521
SU5_serv	BOBJ1	79	195.77	After	Interior Girder 5	25.56	0.95	1	1	3.012277
SU5_serv	BOBJ1	79	195.77	After	Interior Girder 6	25.56	0.95	1	1	3.128812
SU5_serv	BOBJ1	79	195.77	After	Right Exterior Girder	25.56	0.95	1	1	3.984901
SU5_serv	BOBJ1	80	202.16	Before	Left Exterior Girder	31.95	0.95	1	1	3.504601
SU5_serv	BOBJ1	80	202.16	Before	Interior Girder 1	31.95	0.95	1	1	2.828257
SU5_serv	BOBJ1	80	202.16	Before	Interior Girder 2	31.95	0.95	1	1	2.732907
SU5_serv	BOBJ1	80	202.16	Before	Interior Girder 3	31.95	0.95	1	1	2.675289
SU5_serv	BOBJ1	80	202.16	Before	Interior Girder 4	31.95	0.95	1	1	2.675289
SU5_serv	BOBJ1	80	202.16	Before	Interior Girder 5	31.95	0.95	1	1	2.732907
SU5_serv	BOBJ1	80	202.16	Before	Interior Girder 6	31.95	0.95	1	1	2.828257
SU5_serv	BOBJ1	80	202.16	Before	Right Exterior Girder	31.95	0.95	1	1	3.504601
SU5_serv	BOBJ1	81	202.16	After	Left Exterior Girder	31.95	0.95	1	1	3.478034
SU5_serv	BOBJ1	81	202.16	After	Interior Girder 1	31.95	0.95	1	1	2.839499
SU5_serv	BOBJ1	81	202.16	After	Interior Girder 2	31.95	0.95	1	1	2.746012
SU5_serv	BOBJ1	81	202.16	After	Interior Girder 3	31.95	0.95	1	1	2.684413
SU5_serv	BOBJ1	81	202.16	After	Interior Girder 4	31.95	0.95	1	1	2.684413
SU5_serv	BOBJ1	81	202.16	After	Interior Girder 5	31.95	0.95	1	1	2.746012
SU5_serv	BOBJ1	81	202.16	After	Interior Girder 6	31.95	0.95	1	1	2.839499
SU5_serv	BOBJ1	81	202.16	After	Right Exterior Girder	31.95	0.95	1	1	3.478034
SU5_serv	BOBJ1	82	208.55	Before	Left Exterior Girder	38.34	0.95	1	1	3.37804
SU5_serv	BOBJ1	82	208.55	Before	Interior Girder 1	38.34	0.95	1	1	3.062797
SU5_serv	BOBJ1	82	208.55	Before	Interior Girder 2	38.34	0.95	1	1	2.934026
SU5_serv	BOBJ1	82	208.55	Before	Interior Girder 3	38.34	0.95	1	1	2.922634
SU5_serv	BOBJ1	82	208.55	Before	Interior Girder 4	38.34	0.95	1	1	2.922634
SU5_serv	BOBJ1	82	208.55	Before	Interior Girder 5	38.34	0.95	1	1	2.934026
SU5_serv	BOBJ1	82	208.55	Before	Interior Girder 6	38.34	0.95	1	1	3.062797
SU5_serv	BOBJ1	82	208.55	Before	Right Exterior Girder	38.34	0.95	1	1	3.37804
SU5_serv	BOBJ1	83	208.55	After	Left Exterior Girder	38.34	0.95	1	1	3.348202
SU5_serv	BOBJ1	83	208.55	After	Interior Girder 1	38.34	0.95	1	1	3.080125
SU5_serv	BOBJ1	83	208.55	After	Interior Girder 2	38.34	0.95	1	1	2.931856
SU5_serv	BOBJ1	83	208.55	After	Interior Girder 3	38.34	0.95	1	1	2.909375
SU5_serv	BOBJ1	83	208.55	After	Interior Girder 4	38.34	0.95	1	1	2.909375
SU5_serv	BOBJ1	83	208.55	After	Interior Girder 5	38.34	0.95	1	1	2.931856

TABLE: Bridge Super Rating AASHTORATE18 31 - SteelICompServ-Flx - Approach, Span 16-19										
Request	BridgeObj	BridgeCut	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	Unitless	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
SU5_serv	BOBJ1	83	208.55	After	Interior Girder 6	38.34	0.95	1	1	3.080125
SU5_serv	BOBJ1	83	208.55	After	Right Exterior Girder	38.34	0.95	1	1	3.348202
SU5_serv	BOBJ1	84	215.1233	Before	Left Exterior Girder	44.9133	0.95	1	1	4.62318
SU5_serv	BOBJ1	84	215.1233	Before	Interior Girder 1	44.9133	0.95	1	1	3.558372
SU5_serv	BOBJ1	84	215.1233	Before	Interior Girder 2	44.9133	0.95	1	1	3.38986
SU5_serv	BOBJ1	84	215.1233	Before	Interior Girder 3	44.9133	0.95	1	1	3.251859
SU5_serv	BOBJ1	84	215.1233	Before	Interior Girder 4	44.9133	0.95	1	1	3.251859
SU5_serv	BOBJ1	84	215.1233	Before	Interior Girder 5	44.9133	0.95	1	1	3.38986
SU5_serv	BOBJ1	84	215.1233	Before	Interior Girder 6	44.9133	0.95	1	1	3.558372
SU5_serv	BOBJ1	84	215.1233	Before	Right Exterior Girder	44.9133	0.95	1	1	4.62318
SU5_serv	BOBJ1	85	215.1233	After	Left Exterior Girder	44.9133	0.95	1	1	4.605372
SU5_serv	BOBJ1	85	215.1233	After	Interior Girder 1	44.9133	0.95	1	1	3.566032
SU5_serv	BOBJ1	85	215.1233	After	Interior Girder 2	44.9133	0.95	1	1	3.346275
SU5_serv	BOBJ1	85	215.1233	After	Interior Girder 3	44.9133	0.95	1	1	3.19748
SU5_serv	BOBJ1	85	215.1233	After	Interior Girder 4	44.9133	0.95	1	1	3.19748
SU5_serv	BOBJ1	85	215.1233	After	Interior Girder 5	44.9133	0.95	1	1	3.346275
SU5_serv	BOBJ1	85	215.1233	After	Interior Girder 6	44.9133	0.95	1	1	3.566032
SU5_serv	BOBJ1	85	215.1233	After	Right Exterior Girder	44.9133	0.95	1	1	4.605372
SU5_serv	BOBJ1	86	221.6967	Before	Left Exterior Girder	51.4867	0.95	1	1	9.073453
SU5_serv	BOBJ1	86	221.6967	Before	Interior Girder 1	51.4867	0.95	1	1	5.807362
SU5_serv	BOBJ1	86	221.6967	Before	Interior Girder 2	51.4867	0.95	1	1	5.542844
SU5_serv	BOBJ1	86	221.6967	Before	Interior Girder 3	51.4867	0.95	1	1	5.041387
SU5_serv	BOBJ1	86	221.6967	Before	Interior Girder 4	51.4867	0.95	1	1	5.041387
SU5_serv	BOBJ1	86	221.6967	Before	Interior Girder 5	51.4867	0.95	1	1	5.542844
SU5_serv	BOBJ1	86	221.6967	Before	Interior Girder 6	51.4867	0.95	1	1	5.807362
SU5_serv	BOBJ1	86	221.6967	Before	Right Exterior Girder	51.4867	0.95	1	1	9.073453
SU5_serv	BOBJ1	87	221.6967	After	Left Exterior Girder	51.4867	0.95	1	1	9.032546
SU5_serv	BOBJ1	87	221.6967	After	Interior Girder 1	51.4867	0.95	1	1	5.824372
SU5_serv	BOBJ1	87	221.6967	After	Interior Girder 2	51.4867	0.95	1	1	5.458581
SU5_serv	BOBJ1	87	221.6967	After	Interior Girder 3	51.4867	0.95	1	1	4.846056
SU5_serv	BOBJ1	87	221.6967	After	Interior Girder 4	51.4867	0.95	1	1	4.846056
SU5_serv	BOBJ1	87	221.6967	After	Interior Girder 5	51.4867	0.95	1	1	5.458581
SU5_serv	BOBJ1	87	221.6967	After	Interior Girder 6	51.4867	0.95	1	1	5.824372
SU5_serv	BOBJ1	87	221.6967	After	Right Exterior Girder	51.4867	0.95	1	1	9.032546
SU5_serv	BOBJ1	88	228.27	Before	Left Exterior Girder	58.06	0.95	1	1	527.231764
SU5_serv	BOBJ1	88	228.27	Before	Interior Girder 1	58.06	0.95	1	1	438.070881
SU5_serv	BOBJ1	88	228.27	Before	Interior Girder 2	58.06	0.95	1	1	233.338556
SU5_serv	BOBJ1	88	228.27	Before	Interior Girder 3	58.06	0.95	1	1	172.067034
SU5_serv	BOBJ1	88	228.27	Before	Interior Girder 4	58.06	0.95	1	1	172.067033
SU5_serv	BOBJ1	88	228.27	Before	Interior Girder 5	58.06	0.95	1	1	233.338556
SU5_serv	BOBJ1	88	228.27	Before	Interior Girder 6	58.06	0.95	1	1	438.07088
SU5_serv	BOBJ1	88	228.27	Before	Right Exterior Girder	58.06	0.95	1	1	527.231764
SU6_serv	BOBJ1	1	0	After	Left Exterior Girder	0	0.95	1	1	613.676927
SU6_serv	BOBJ1	1	0	After	Interior Girder 1	0	0.95	1	1	392.273602
SU6_serv	BOBJ1	1	0	After	Interior Girder 2	0	0.95	1	1	234.548968
SU6_serv	BOBJ1	1	0	After	Interior Girder 3	0	0.95	1	1	186.016013
SU6_serv	BOBJ1	1	0	After	Interior Girder 4	0	0.95	1	1	186.016013
SU6_serv	BOBJ1	1	0	After	Interior Girder 5	0	0.95	1	1	234.548971
SU6_serv	BOBJ1	1	0	After	Interior Girder 6	0	0.95	1	1	392.273601
SU6_serv	BOBJ1	1	0	After	Right Exterior Girder	0	0.95	1	1	613.676927
SU6_serv	BOBJ1	2	5.3833	Before	Left Exterior Girder	5.3833	0.95	1	1	9.41192
SU6_serv	BOBJ1	2	5.3833	Before	Interior Girder 1	5.3833	0.95	1	1	6.091409
SU6_serv	BOBJ1	2	5.3833	Before	Interior Girder 2	5.3833	0.95	1	1	5.66397
SU6_serv	BOBJ1	2	5.3833	Before	Interior Girder 3	5.3833	0.95	1	1	4.967417
SU6_serv	BOBJ1	2	5.3833	Before	Interior Girder 4	5.3833	0.95	1	1	4.967417
SU6_serv	BOBJ1	2	5.3833	Before	Interior Girder 5	5.3833	0.95	1	1	5.66397
SU6_serv	BOBJ1	2	5.3833	Before	Interior Girder 6	5.3833	0.95	1	1	6.091409
SU6_serv	BOBJ1	2	5.3833	Before	Right Exterior Girder	5.3833	0.95	1	1	9.41192
SU6_serv	BOBJ1	3	5.3833	After	Left Exterior Girder	5.3833	0.95	1	1	9.538722
SU6_serv	BOBJ1	3	5.3833	After	Interior Girder 1	5.3833	0.95	1	1	6.115785
SU6_serv	BOBJ1	3	5.3833	After	Interior Girder 2	5.3833	0.95	1	1	5.751329
SU6_serv	BOBJ1	3	5.3833	After	Interior Girder 3	5.3833	0.95	1	1	5.138225
SU6_serv	BOBJ1	3	5.3833	After	Interior Girder 4	5.3833	0.95	1	1	5.138225
SU6_serv	BOBJ1	3	5.3833	After	Interior Girder 5	5.3833	0.95	1	1	5.751329
SU6_serv	BOBJ1	3	5.3833	After	Interior Girder 6	5.3833	0.95	1	1	6.115785
SU6_serv	BOBJ1	3	5.3833	After	Right Exterior Girder	5.3833	0.95	1	1	9.538722
SU6_serv	BOBJ1	4	10.7667	Before	Left Exterior Girder	10.7667	0.95	1	1	4.940477
SU6_serv	BOBJ1	4	10.7667	Before	Interior Girder 1	10.7667	0.95	1	1	3.767342
SU6_serv	BOBJ1	4	10.7667	Before	Interior Girder 2	10.7667	0.95	1	1	3.505394
SU6_serv	BOBJ1	4	10.7667	Before	Interior Girder 3	10.7667	0.95	1	1	3.313592
SU6_serv	BOBJ1	4	10.7667	Before	Interior Girder 4	10.7667	0.95	1	1	3.313592
SU6_serv	BOBJ1	4	10.7667	Before	Interior Girder 5	10.7667	0.95	1	1	3.505394
SU6_serv	BOBJ1	4	10.7667	Before	Interior Girder 6	10.7667	0.95	1	1	3.767342

TABLE: Bridge Super Rating AASHTORATE18 31 - SteelICompServ-Flx - Approach, Span 16-19										
Request	BridgeObj	BridgeCut	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	Unitless	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
SU6_serv	BOBJ1	4	10.7667	Before	Right Exterior Girder	10.7667	0.95	1	1	4.940477
SU6_serv	BOBJ1	5	10.7667	After	Left Exterior Girder	10.7667	0.95	1	1	4.913665
SU6_serv	BOBJ1	5	10.7667	After	Interior Girder 1	10.7667	0.95	1	1	3.781084
SU6_serv	BOBJ1	5	10.7667	After	Interior Girder 2	10.7667	0.95	1	1	3.559251
SU6_serv	BOBJ1	5	10.7667	After	Interior Girder 3	10.7667	0.95	1	1	3.376139
SU6_serv	BOBJ1	5	10.7667	After	Interior Girder 4	10.7667	0.95	1	1	3.376139
SU6_serv	BOBJ1	5	10.7667	After	Interior Girder 5	10.7667	0.95	1	1	3.559251
SU6_serv	BOBJ1	5	10.7667	After	Interior Girder 6	10.7667	0.95	1	1	3.781084
SU6_serv	BOBJ1	5	10.7667	After	Right Exterior Girder	10.7667	0.95	1	1	4.913665
SU6_serv	BOBJ1	6	16.15	Before	Left Exterior Girder	16.15	0.95	1	1	3.777115
SU6_serv	BOBJ1	6	16.15	Before	Interior Girder 1	16.15	0.95	1	1	3.392501
SU6_serv	BOBJ1	6	16.15	Before	Interior Girder 2	16.15	0.95	1	1	3.144098
SU6_serv	BOBJ1	6	16.15	Before	Interior Girder 3	16.15	0.95	1	1	3.053383
SU6_serv	BOBJ1	6	16.15	Before	Interior Girder 4	16.15	0.95	1	1	3.053383
SU6_serv	BOBJ1	6	16.15	Before	Interior Girder 5	16.15	0.95	1	1	3.144098
SU6_serv	BOBJ1	6	16.15	Before	Interior Girder 6	16.15	0.95	1	1	3.392501
SU6_serv	BOBJ1	6	16.15	Before	Right Exterior Girder	16.15	0.95	1	1	3.777115
SU6_serv	BOBJ1	7	16.15	After	Left Exterior Girder	16.15	0.95	1	1	3.792812
SU6_serv	BOBJ1	7	16.15	After	Interior Girder 1	16.15	0.95	1	1	3.376606
SU6_serv	BOBJ1	7	16.15	After	Interior Girder 2	16.15	0.95	1	1	3.147139
SU6_serv	BOBJ1	7	16.15	After	Interior Girder 3	16.15	0.95	1	1	3.059237
SU6_serv	BOBJ1	7	16.15	After	Interior Girder 4	16.15	0.95	1	1	3.059237
SU6_serv	BOBJ1	7	16.15	After	Interior Girder 5	16.15	0.95	1	1	3.147139
SU6_serv	BOBJ1	7	16.15	After	Interior Girder 6	16.15	0.95	1	1	3.376606
SU6_serv	BOBJ1	7	16.15	After	Right Exterior Girder	16.15	0.95	1	1	3.792812
SU6_serv	BOBJ1	8	22.1267	Before	Left Exterior Girder	22.1267	0.95	1	1	4.102211
SU6_serv	BOBJ1	8	22.1267	Before	Interior Girder 1	22.1267	0.95	1	1	3.213939
SU6_serv	BOBJ1	8	22.1267	Before	Interior Girder 2	22.1267	0.95	1	1	3.028394
SU6_serv	BOBJ1	8	22.1267	Before	Interior Girder 3	22.1267	0.95	1	1	2.901732
SU6_serv	BOBJ1	8	22.1267	Before	Interior Girder 4	22.1267	0.95	1	1	2.901732
SU6_serv	BOBJ1	8	22.1267	Before	Interior Girder 5	22.1267	0.95	1	1	3.028394
SU6_serv	BOBJ1	8	22.1267	Before	Interior Girder 6	22.1267	0.95	1	1	3.213939
SU6_serv	BOBJ1	8	22.1267	Before	Right Exterior Girder	22.1267	0.95	1	1	4.102211
SU6_serv	BOBJ1	9	22.1267	After	Left Exterior Girder	22.1267	0.95	1	1	4.131763
SU6_serv	BOBJ1	9	22.1267	After	Interior Girder 1	22.1267	0.95	1	1	3.198856
SU6_serv	BOBJ1	9	22.1267	After	Interior Girder 2	22.1267	0.95	1	1	3.013058
SU6_serv	BOBJ1	9	22.1267	After	Interior Girder 3	22.1267	0.95	1	1	2.889177
SU6_serv	BOBJ1	9	22.1267	After	Interior Girder 4	22.1267	0.95	1	1	2.889177
SU6_serv	BOBJ1	9	22.1267	After	Interior Girder 5	22.1267	0.95	1	1	3.013058
SU6_serv	BOBJ1	9	22.1267	After	Interior Girder 6	22.1267	0.95	1	1	3.198856
SU6_serv	BOBJ1	9	22.1267	After	Right Exterior Girder	22.1267	0.95	1	1	4.131763
SU6_serv	BOBJ1	10	28.1033	Before	Left Exterior Girder	28.1033	0.95	1	1	5.187639
SU6_serv	BOBJ1	10	28.1033	Before	Interior Girder 1	28.1033	0.95	1	1	3.834073
SU6_serv	BOBJ1	10	28.1033	Before	Interior Girder 2	28.1033	0.95	1	1	3.599331
SU6_serv	BOBJ1	10	28.1033	Before	Interior Girder 3	28.1033	0.95	1	1	3.470524
SU6_serv	BOBJ1	10	28.1033	Before	Interior Girder 4	28.1033	0.95	1	1	3.470524
SU6_serv	BOBJ1	10	28.1033	Before	Interior Girder 5	28.1033	0.95	1	1	3.599331
SU6_serv	BOBJ1	10	28.1033	Before	Interior Girder 6	28.1033	0.95	1	1	3.834073
SU6_serv	BOBJ1	10	28.1033	Before	Right Exterior Girder	28.1033	0.95	1	1	5.187639
SU6_serv	BOBJ1	11	28.1033	After	Left Exterior Girder	28.1033	0.95	1	1	5.13276
SU6_serv	BOBJ1	11	28.1033	After	Interior Girder 1	28.1033	0.95	1	1	3.872351
SU6_serv	BOBJ1	11	28.1033	After	Interior Girder 2	28.1033	0.95	1	1	3.606115
SU6_serv	BOBJ1	11	28.1033	After	Interior Girder 3	28.1033	0.95	1	1	3.454896
SU6_serv	BOBJ1	11	28.1033	After	Interior Girder 4	28.1033	0.95	1	1	3.454896
SU6_serv	BOBJ1	11	28.1033	After	Interior Girder 5	28.1033	0.95	1	1	3.606115
SU6_serv	BOBJ1	11	28.1033	After	Interior Girder 6	28.1033	0.95	1	1	3.872351
SU6_serv	BOBJ1	11	28.1033	After	Right Exterior Girder	28.1033	0.95	1	1	5.13276
SU6_serv	BOBJ1	12	34.08	Before	Left Exterior Girder	34.08	0.95	1	1	4.129729
SU6_serv	BOBJ1	12	34.08	Before	Interior Girder 1	34.08	0.95	1	1	4.191544
SU6_serv	BOBJ1	12	34.08	Before	Interior Girder 2	34.08	0.95	1	1	4.205462
SU6_serv	BOBJ1	12	34.08	Before	Interior Girder 3	34.08	0.95	1	1	4.348511
SU6_serv	BOBJ1	12	34.08	Before	Interior Girder 4	34.08	0.95	1	1	4.348511
SU6_serv	BOBJ1	12	34.08	Before	Interior Girder 5	34.08	0.95	1	1	4.205462
SU6_serv	BOBJ1	12	34.08	Before	Interior Girder 6	34.08	0.95	1	1	4.191544
SU6_serv	BOBJ1	12	34.08	Before	Right Exterior Girder	34.08	0.95	1	1	4.129729
SU6_serv	BOBJ1	13	34.08	After	Left Exterior Girder	34.08	0.95	1	1	4.168265
SU6_serv	BOBJ1	13	34.08	After	Interior Girder 1	34.08	0.95	1	1	4.152517
SU6_serv	BOBJ1	13	34.08	After	Interior Girder 2	34.08	0.95	1	1	4.177897
SU6_serv	BOBJ1	13	34.08	After	Interior Girder 3	34.08	0.95	1	1	4.348593
SU6_serv	BOBJ1	13	34.08	After	Interior Girder 4	34.08	0.95	1	1	4.348593
SU6_serv	BOBJ1	13	34.08	After	Interior Girder 5	34.08	0.95	1	1	4.177897
SU6_serv	BOBJ1	13	34.08	After	Interior Girder 6	34.08	0.95	1	1	4.152517
SU6_serv	BOBJ1	13	34.08	After	Right Exterior Girder	34.08	0.95	1	1	4.168265

TABLE: Bridge Super Rating AASHTORATE18 31 - SteelICompServ-Flx - Approach, Span 16-19										
Request	BridgeObj	BridgeCut	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	Unitless	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
SU6_serv	BOBJ1	14	39.855	Before	Left Exterior Girder	39.855	0.95	1	1	2.818762
SU6_serv	BOBJ1	14	39.855	Before	Interior Girder 1	39.855	0.95	1	1	3.174213
SU6_serv	BOBJ1	14	39.855	Before	Interior Girder 2	39.855	0.95	1	1	3.133678
SU6_serv	BOBJ1	14	39.855	Before	Interior Girder 3	39.855	0.95	1	1	3.006738
SU6_serv	BOBJ1	14	39.855	Before	Interior Girder 4	39.855	0.95	1	1	3.006738
SU6_serv	BOBJ1	14	39.855	Before	Interior Girder 5	39.855	0.95	1	1	3.133678
SU6_serv	BOBJ1	14	39.855	Before	Interior Girder 6	39.855	0.95	1	1	3.174213
SU6_serv	BOBJ1	14	39.855	Before	Right Exterior Girder	39.855	0.95	1	1	2.818762
SU6_serv	BOBJ1	15	39.855	After	Left Exterior Girder	39.855	0.95	1	1	2.866427
SU6_serv	BOBJ1	15	39.855	After	Interior Girder 1	39.855	0.95	1	1	3.132336
SU6_serv	BOBJ1	15	39.855	After	Interior Girder 2	39.855	0.95	1	1	3.093922
SU6_serv	BOBJ1	15	39.855	After	Interior Girder 3	39.855	0.95	1	1	2.988902
SU6_serv	BOBJ1	15	39.855	After	Interior Girder 4	39.855	0.95	1	1	2.988902
SU6_serv	BOBJ1	15	39.855	After	Interior Girder 5	39.855	0.95	1	1	3.093922
SU6_serv	BOBJ1	15	39.855	After	Interior Girder 6	39.855	0.95	1	1	3.132336
SU6_serv	BOBJ1	15	39.855	After	Right Exterior Girder	39.855	0.95	1	1	2.866427
SU6_serv	BOBJ1	16	40.0288	Before	Left Exterior Girder	40.0288	0.95	1	1	2.815311
SU6_serv	BOBJ1	16	40.0288	Before	Right Exterior Girder	40.0288	0.95	1	1	2.815311
SU6_serv	BOBJ1	17	40.0288	After	Left Exterior Girder	40.0288	0.95	1	1	4.043485
SU6_serv	BOBJ1	17	40.0288	After	Right Exterior Girder	40.0288	0.95	1	1	4.043485
SU6_serv	BOBJ1	18	45.63	Before	Left Exterior Girder	45.63	0.95	1	1	2.761854
SU6_serv	BOBJ1	18	45.63	Before	Interior Girder 1	45.63	0.95	1	1	2.295068
SU6_serv	BOBJ1	18	45.63	Before	Interior Girder 2	45.63	0.95	1	1	2.260139
SU6_serv	BOBJ1	18	45.63	Before	Interior Girder 3	45.63	0.95	1	1	1.964913
SU6_serv	BOBJ1	18	45.63	Before	Interior Girder 4	45.63	0.95	1	1	1.964913
SU6_serv	BOBJ1	18	45.63	Before	Interior Girder 5	45.63	0.95	1	1	2.260139
SU6_serv	BOBJ1	18	45.63	Before	Interior Girder 6	45.63	0.95	1	1	2.295068
SU6_serv	BOBJ1	18	45.63	Before	Right Exterior Girder	45.63	0.95	1	1	2.761854
SU6_serv	BOBJ1	19	45.63	After	Left Exterior Girder	0	0.95	1	1	2.754662
SU6_serv	BOBJ1	19	45.63	After	Interior Girder 1	0	0.95	1	1	2.074795
SU6_serv	BOBJ1	19	45.63	After	Interior Girder 2	0	0.95	1	1	2.014663
SU6_serv	BOBJ1	19	45.63	After	Interior Girder 3	0	0.95	1	1	1.693352
SU6_serv	BOBJ1	19	45.63	After	Interior Girder 4	0	0.95	1	1	1.693352
SU6_serv	BOBJ1	19	45.63	After	Interior Girder 5	0	0.95	1	1	2.014663
SU6_serv	BOBJ1	19	45.63	After	Interior Girder 6	0	0.95	1	1	2.074795
SU6_serv	BOBJ1	19	45.63	After	Right Exterior Girder	0	0.95	1	1	2.754662
SU6_serv	BOBJ1	20	50.6298	Before	Left Exterior Girder	4.9998	0.95	1	1	6.976667
SU6_serv	BOBJ1	20	50.6298	Before	Right Exterior Girder	4.9998	0.95	1	1	6.976667
SU6_serv	BOBJ1	21	50.6298	After	Left Exterior Girder	4.9998	0.95	1	1	4.622187
SU6_serv	BOBJ1	21	50.6298	After	Right Exterior Girder	4.9998	0.95	1	1	4.622187
SU6_serv	BOBJ1	22	51.4	Before	Left Exterior Girder	5.77	0.95	1	1	5.395733
SU6_serv	BOBJ1	22	51.4	Before	Interior Girder 1	5.77	0.95	1	1	5.308962
SU6_serv	BOBJ1	22	51.4	Before	Interior Girder 2	5.77	0.95	1	1	4.906673
SU6_serv	BOBJ1	22	51.4	Before	Interior Girder 3	5.77	0.95	1	1	4.551733
SU6_serv	BOBJ1	22	51.4	Before	Interior Girder 4	5.77	0.95	1	1	4.551733
SU6_serv	BOBJ1	22	51.4	Before	Interior Girder 5	5.77	0.95	1	1	4.906673
SU6_serv	BOBJ1	22	51.4	Before	Interior Girder 6	5.77	0.95	1	1	5.308962
SU6_serv	BOBJ1	22	51.4	Before	Right Exterior Girder	5.77	0.95	1	1	5.395733
SU6_serv	BOBJ1	23	51.4	After	Left Exterior Girder	5.77	0.95	1	1	5.297582
SU6_serv	BOBJ1	23	51.4	After	Interior Girder 1	5.77	0.95	1	1	5.400602
SU6_serv	BOBJ1	23	51.4	After	Interior Girder 2	5.77	0.95	1	1	4.966027
SU6_serv	BOBJ1	23	51.4	After	Interior Girder 3	5.77	0.95	1	1	4.598406
SU6_serv	BOBJ1	23	51.4	After	Interior Girder 4	5.77	0.95	1	1	4.598406
SU6_serv	BOBJ1	23	51.4	After	Interior Girder 5	5.77	0.95	1	1	4.966027
SU6_serv	BOBJ1	23	51.4	After	Interior Girder 6	5.77	0.95	1	1	5.400602
SU6_serv	BOBJ1	23	51.4	After	Right Exterior Girder	5.77	0.95	1	1	5.297582
SU6_serv	BOBJ1	24	57.17	Before	Left Exterior Girder	11.54	0.95	1	1	7.72086
SU6_serv	BOBJ1	24	57.17	Before	Interior Girder 1	11.54	0.95	1	1	7.215032
SU6_serv	BOBJ1	24	57.17	Before	Interior Girder 2	11.54	0.95	1	1	6.622359
SU6_serv	BOBJ1	24	57.17	Before	Interior Girder 3	11.54	0.95	1	1	6.424665
SU6_serv	BOBJ1	24	57.17	Before	Interior Girder 4	11.54	0.95	1	1	6.424665
SU6_serv	BOBJ1	24	57.17	Before	Interior Girder 5	11.54	0.95	1	1	6.622359
SU6_serv	BOBJ1	24	57.17	Before	Interior Girder 6	11.54	0.95	1	1	7.215032
SU6_serv	BOBJ1	24	57.17	Before	Right Exterior Girder	11.54	0.95	1	1	7.72086
SU6_serv	BOBJ1	25	57.17	After	Left Exterior Girder	11.54	0.95	1	1	7.659246
SU6_serv	BOBJ1	25	57.17	After	Interior Girder 1	11.54	0.95	1	1	7.263268
SU6_serv	BOBJ1	25	57.17	After	Interior Girder 2	11.54	0.95	1	1	6.601705
SU6_serv	BOBJ1	25	57.17	After	Interior Girder 3	11.54	0.95	1	1	6.531871
SU6_serv	BOBJ1	25	57.17	After	Interior Girder 4	11.54	0.95	1	1	6.531871
SU6_serv	BOBJ1	25	57.17	After	Interior Girder 5	11.54	0.95	1	1	6.601705
SU6_serv	BOBJ1	25	57.17	After	Interior Girder 6	11.54	0.95	1	1	7.263268
SU6_serv	BOBJ1	25	57.17	After	Right Exterior Girder	11.54	0.95	1	1	7.659246
SU6_serv	BOBJ1	26	63.34	Before	Left Exterior Girder	17.71	0.95	1	1	4.985197

TABLE: Bridge Super Rating AASHTORATE18 31 - SteelICompServ-Flx - Approach, Span 16-19										
Request	BridgeObj	BridgeCut	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	Unitless	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
SU6_serv	BOBJ1	26	63.34	Before	Interior Girder 1	17.71	0.95	1	1	3.841793
SU6_serv	BOBJ1	26	63.34	Before	Interior Girder 2	17.71	0.95	1	1	3.572388
SU6_serv	BOBJ1	26	63.34	Before	Interior Girder 3	17.71	0.95	1	1	3.430597
SU6_serv	BOBJ1	26	63.34	Before	Interior Girder 4	17.71	0.95	1	1	3.430597
SU6_serv	BOBJ1	26	63.34	Before	Interior Girder 5	17.71	0.95	1	1	3.572388
SU6_serv	BOBJ1	26	63.34	Before	Interior Girder 6	17.71	0.95	1	1	3.841793
SU6_serv	BOBJ1	26	63.34	Before	Right Exterior Girder	17.71	0.95	1	1	4.985197
SU6_serv	BOBJ1	27	63.34	After	Left Exterior Girder	17.71	0.95	1	1	5.11356
SU6_serv	BOBJ1	27	63.34	After	Interior Girder 1	17.71	0.95	1	1	3.778836
SU6_serv	BOBJ1	27	63.34	After	Interior Girder 2	17.71	0.95	1	1	3.550349
SU6_serv	BOBJ1	27	63.34	After	Interior Girder 3	17.71	0.95	1	1	3.456981
SU6_serv	BOBJ1	27	63.34	After	Interior Girder 4	17.71	0.95	1	1	3.456981
SU6_serv	BOBJ1	27	63.34	After	Interior Girder 5	17.71	0.95	1	1	3.550349
SU6_serv	BOBJ1	27	63.34	After	Interior Girder 6	17.71	0.95	1	1	3.778836
SU6_serv	BOBJ1	27	63.34	After	Right Exterior Girder	17.71	0.95	1	1	5.11356
SU6_serv	BOBJ1	28	69.51	Before	Left Exterior Girder	23.88	0.95	1	1	3.26357
SU6_serv	BOBJ1	28	69.51	Before	Interior Girder 1	23.88	0.95	1	1	2.745861
SU6_serv	BOBJ1	28	69.51	Before	Interior Girder 2	23.88	0.95	1	1	2.634743
SU6_serv	BOBJ1	28	69.51	Before	Interior Girder 3	23.88	0.95	1	1	2.58162
SU6_serv	BOBJ1	28	69.51	Before	Interior Girder 4	23.88	0.95	1	1	2.58162
SU6_serv	BOBJ1	28	69.51	Before	Interior Girder 5	23.88	0.95	1	1	2.634743
SU6_serv	BOBJ1	28	69.51	Before	Interior Girder 6	23.88	0.95	1	1	2.745861
SU6_serv	BOBJ1	28	69.51	Before	Right Exterior Girder	23.88	0.95	1	1	3.26357
SU6_serv	BOBJ1	29	69.51	After	Left Exterior Girder	23.88	0.95	1	1	3.279148
SU6_serv	BOBJ1	29	69.51	After	Interior Girder 1	23.88	0.95	1	1	2.743084
SU6_serv	BOBJ1	29	69.51	After	Interior Girder 2	23.88	0.95	1	1	2.647127
SU6_serv	BOBJ1	29	69.51	After	Interior Girder 3	23.88	0.95	1	1	2.60209
SU6_serv	BOBJ1	29	69.51	After	Interior Girder 4	23.88	0.95	1	1	2.60209
SU6_serv	BOBJ1	29	69.51	After	Interior Girder 5	23.88	0.95	1	1	2.647127
SU6_serv	BOBJ1	29	69.51	After	Interior Girder 6	23.88	0.95	1	1	2.743084
SU6_serv	BOBJ1	29	69.51	After	Right Exterior Girder	23.88	0.95	1	1	3.279148
SU6_serv	BOBJ1	30	75.68	Before	Left Exterior Girder	30.05	0.95	1	1	2.520437
SU6_serv	BOBJ1	30	75.68	Before	Interior Girder 1	30.05	0.95	1	1	2.505538
SU6_serv	BOBJ1	30	75.68	Before	Interior Girder 2	30.05	0.95	1	1	2.438266
SU6_serv	BOBJ1	30	75.68	Before	Interior Girder 3	30.05	0.95	1	1	2.469209
SU6_serv	BOBJ1	30	75.68	Before	Interior Girder 4	30.05	0.95	1	1	2.469209
SU6_serv	BOBJ1	30	75.68	Before	Interior Girder 5	30.05	0.95	1	1	2.438266
SU6_serv	BOBJ1	30	75.68	Before	Interior Girder 6	30.05	0.95	1	1	2.505538
SU6_serv	BOBJ1	30	75.68	Before	Right Exterior Girder	30.05	0.95	1	1	2.520437
SU6_serv	BOBJ1	31	75.68	After	Left Exterior Girder	30.05	0.95	1	1	2.536287
SU6_serv	BOBJ1	31	75.68	After	Interior Girder 1	30.05	0.95	1	1	2.496985
SU6_serv	BOBJ1	31	75.68	After	Interior Girder 2	30.05	0.95	1	1	2.435795
SU6_serv	BOBJ1	31	75.68	After	Interior Girder 3	30.05	0.95	1	1	2.471253
SU6_serv	BOBJ1	31	75.68	After	Interior Girder 4	30.05	0.95	1	1	2.471253
SU6_serv	BOBJ1	31	75.68	After	Interior Girder 5	30.05	0.95	1	1	2.435795
SU6_serv	BOBJ1	31	75.68	After	Interior Girder 6	30.05	0.95	1	1	2.496985
SU6_serv	BOBJ1	31	75.68	After	Right Exterior Girder	30.05	0.95	1	1	2.536287
SU6_serv	BOBJ1	32	81.8467	Before	Left Exterior Girder	36.2167	0.95	1	1	2.639486
SU6_serv	BOBJ1	32	81.8467	Before	Interior Girder 1	36.2167	0.95	1	1	2.324122
SU6_serv	BOBJ1	32	81.8467	Before	Interior Girder 2	36.2167	0.95	1	1	2.279181
SU6_serv	BOBJ1	32	81.8467	Before	Interior Girder 3	36.2167	0.95	1	1	2.2522
SU6_serv	BOBJ1	32	81.8467	Before	Interior Girder 4	36.2167	0.95	1	1	2.2522
SU6_serv	BOBJ1	32	81.8467	Before	Interior Girder 5	36.2167	0.95	1	1	2.279181
SU6_serv	BOBJ1	32	81.8467	Before	Interior Girder 6	36.2167	0.95	1	1	2.324122
SU6_serv	BOBJ1	32	81.8467	Before	Right Exterior Girder	36.2167	0.95	1	1	2.639486
SU6_serv	BOBJ1	33	81.8467	After	Left Exterior Girder	36.2167	0.95	1	1	2.650514
SU6_serv	BOBJ1	33	81.8467	After	Interior Girder 1	36.2167	0.95	1	1	2.31517
SU6_serv	BOBJ1	33	81.8467	After	Interior Girder 2	36.2167	0.95	1	1	2.267747
SU6_serv	BOBJ1	33	81.8467	After	Interior Girder 3	36.2167	0.95	1	1	2.241561
SU6_serv	BOBJ1	33	81.8467	After	Interior Girder 4	36.2167	0.95	1	1	2.241561
SU6_serv	BOBJ1	33	81.8467	After	Interior Girder 5	36.2167	0.95	1	1	2.267747
SU6_serv	BOBJ1	33	81.8467	After	Interior Girder 6	36.2167	0.95	1	1	2.31517
SU6_serv	BOBJ1	33	81.8467	After	Right Exterior Girder	36.2167	0.95	1	1	2.650514
SU6_serv	BOBJ1	34	88.0133	Before	Left Exterior Girder	42.3833	0.95	1	1	3.131368
SU6_serv	BOBJ1	34	88.0133	Before	Interior Girder 1	42.3833	0.95	1	1	2.622898
SU6_serv	BOBJ1	34	88.0133	Before	Interior Girder 2	42.3833	0.95	1	1	2.54146
SU6_serv	BOBJ1	34	88.0133	Before	Interior Girder 3	42.3833	0.95	1	1	2.507359
SU6_serv	BOBJ1	34	88.0133	Before	Interior Girder 4	42.3833	0.95	1	1	2.507359
SU6_serv	BOBJ1	34	88.0133	Before	Interior Girder 5	42.3833	0.95	1	1	2.54146
SU6_serv	BOBJ1	34	88.0133	Before	Interior Girder 6	42.3833	0.95	1	1	2.622898
SU6_serv	BOBJ1	34	88.0133	Before	Right Exterior Girder	42.3833	0.95	1	1	3.131368
SU6_serv	BOBJ1	35	88.0133	After	Left Exterior Girder	42.3833	0.95	1	1	3.07634
SU6_serv	BOBJ1	35	88.0133	After	Interior Girder 1	42.3833	0.95	1	1	2.655954

TABLE: Bridge Super Rating AASHTORATE18 31 - SteelICompServ-Flx - Approach, Span 16-19										
Request	BridgeObj	BridgeCut	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	Unitless	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
SU6_serv	BOBJ1	35	88.0133	After	Interior Girder 2	42.3833	0.95	1	1	2.560246
SU6_serv	BOBJ1	35	88.0133	After	Interior Girder 3	42.3833	0.95	1	1	2.505944
SU6_serv	BOBJ1	35	88.0133	After	Interior Girder 4	42.3833	0.95	1	1	2.505944
SU6_serv	BOBJ1	35	88.0133	After	Interior Girder 5	42.3833	0.95	1	1	2.560246
SU6_serv	BOBJ1	35	88.0133	After	Interior Girder 6	42.3833	0.95	1	1	2.655954
SU6_serv	BOBJ1	35	88.0133	After	Right Exterior Girder	42.3833	0.95	1	1	3.07634
SU6_serv	BOBJ1	36	94.18	Before	Left Exterior Girder	48.55	0.95	1	1	4.160757
SU6_serv	BOBJ1	36	94.18	Before	Interior Girder 1	48.55	0.95	1	1	3.828671
SU6_serv	BOBJ1	36	94.18	Before	Interior Girder 2	48.55	0.95	1	1	3.547498
SU6_serv	BOBJ1	36	94.18	Before	Interior Girder 3	48.55	0.95	1	1	3.533871
SU6_serv	BOBJ1	36	94.18	Before	Interior Girder 4	48.55	0.95	1	1	3.533871
SU6_serv	BOBJ1	36	94.18	Before	Interior Girder 5	48.55	0.95	1	1	3.547498
SU6_serv	BOBJ1	36	94.18	Before	Interior Girder 6	48.55	0.95	1	1	3.828671
SU6_serv	BOBJ1	36	94.18	Before	Right Exterior Girder	48.55	0.95	1	1	4.160757
SU6_serv	BOBJ1	37	94.18	After	Left Exterior Girder	48.55	0.95	1	1	4.085107
SU6_serv	BOBJ1	37	94.18	After	Interior Girder 1	48.55	0.95	1	1	3.870459
SU6_serv	BOBJ1	37	94.18	After	Interior Girder 2	48.55	0.95	1	1	3.556637
SU6_serv	BOBJ1	37	94.18	After	Interior Girder 3	48.55	0.95	1	1	3.50133
SU6_serv	BOBJ1	37	94.18	After	Interior Girder 4	48.55	0.95	1	1	3.50133
SU6_serv	BOBJ1	37	94.18	After	Interior Girder 5	48.55	0.95	1	1	3.556637
SU6_serv	BOBJ1	37	94.18	After	Interior Girder 6	48.55	0.95	1	1	3.870459
SU6_serv	BOBJ1	37	94.18	After	Right Exterior Girder	48.55	0.95	1	1	4.085107
SU6_serv	BOBJ1	38	100.3567	Before	Left Exterior Girder	54.7267	0.95	1	1	6.458745
SU6_serv	BOBJ1	38	100.3567	Before	Interior Girder 1	54.7267	0.95	1	1	5.958254
SU6_serv	BOBJ1	38	100.3567	Before	Interior Girder 2	54.7267	0.95	1	1	5.432041
SU6_serv	BOBJ1	38	100.3567	Before	Interior Girder 3	54.7267	0.95	1	1	5.316479
SU6_serv	BOBJ1	38	100.3567	Before	Interior Girder 4	54.7267	0.95	1	1	5.316479
SU6_serv	BOBJ1	38	100.3567	Before	Interior Girder 5	54.7267	0.95	1	1	5.432041
SU6_serv	BOBJ1	38	100.3567	Before	Interior Girder 6	54.7267	0.95	1	1	5.958254
SU6_serv	BOBJ1	38	100.3567	Before	Right Exterior Girder	54.7267	0.95	1	1	6.458745
SU6_serv	BOBJ1	39	100.3567	After	Left Exterior Girder	54.7267	0.95	1	1	6.53827
SU6_serv	BOBJ1	39	100.3567	After	Interior Girder 1	54.7267	0.95	1	1	5.958336
SU6_serv	BOBJ1	39	100.3567	After	Interior Girder 2	54.7267	0.95	1	1	5.392603
SU6_serv	BOBJ1	39	100.3567	After	Interior Girder 3	54.7267	0.95	1	1	5.144415
SU6_serv	BOBJ1	39	100.3567	After	Interior Girder 4	54.7267	0.95	1	1	5.144415
SU6_serv	BOBJ1	39	100.3567	After	Interior Girder 5	54.7267	0.95	1	1	5.392603
SU6_serv	BOBJ1	39	100.3567	After	Interior Girder 6	54.7267	0.95	1	1	5.958336
SU6_serv	BOBJ1	39	100.3567	After	Right Exterior Girder	54.7267	0.95	1	1	6.53827
SU6_serv	BOBJ1	40	106.5333	Before	Left Exterior Girder	60.9033	0.95	1	1	4.486954
SU6_serv	BOBJ1	40	106.5333	Before	Interior Girder 1	60.9033	0.95	1	1	4.669886
SU6_serv	BOBJ1	40	106.5333	Before	Interior Girder 2	60.9033	0.95	1	1	4.374562
SU6_serv	BOBJ1	40	106.5333	Before	Interior Girder 3	60.9033	0.95	1	1	4.141178
SU6_serv	BOBJ1	40	106.5333	Before	Interior Girder 4	60.9033	0.95	1	1	4.141178
SU6_serv	BOBJ1	40	106.5333	Before	Interior Girder 5	60.9033	0.95	1	1	4.374562
SU6_serv	BOBJ1	40	106.5333	Before	Interior Girder 6	60.9033	0.95	1	1	4.669886
SU6_serv	BOBJ1	40	106.5333	Before	Right Exterior Girder	60.9033	0.95	1	1	4.486954
SU6_serv	BOBJ1	41	106.5333	After	Left Exterior Girder	60.9033	0.95	1	1	4.581202
SU6_serv	BOBJ1	41	106.5333	After	Interior Girder 1	60.9033	0.95	1	1	4.565314
SU6_serv	BOBJ1	41	106.5333	After	Interior Girder 2	60.9033	0.95	1	1	4.287401
SU6_serv	BOBJ1	41	106.5333	After	Interior Girder 3	60.9033	0.95	1	1	4.054703
SU6_serv	BOBJ1	41	106.5333	After	Interior Girder 4	60.9033	0.95	1	1	4.054703
SU6_serv	BOBJ1	41	106.5333	After	Interior Girder 5	60.9033	0.95	1	1	4.287401
SU6_serv	BOBJ1	41	106.5333	After	Interior Girder 6	60.9033	0.95	1	1	4.565314
SU6_serv	BOBJ1	41	106.5333	After	Right Exterior Girder	60.9033	0.95	1	1	4.581202
SU6_serv	BOBJ1	42	108.2102	Before	Left Exterior Girder	62.5802	0.95	1	1	3.973321
SU6_serv	BOBJ1	42	108.2102	Before	Right Exterior Girder	62.5802	0.95	1	1	3.973321
SU6_serv	BOBJ1	43	108.2102	After	Left Exterior Girder	62.5802	0.95	1	1	5.816155
SU6_serv	BOBJ1	43	108.2102	After	Right Exterior Girder	62.5802	0.95	1	1	5.816155
SU6_serv	BOBJ1	44	112.71	Before	Left Exterior Girder	67.08	0.95	1	1	2.997746
SU6_serv	BOBJ1	44	112.71	Before	Interior Girder 1	67.08	0.95	1	1	2.137933
SU6_serv	BOBJ1	44	112.71	Before	Interior Girder 2	67.08	0.95	1	1	2.056912
SU6_serv	BOBJ1	44	112.71	Before	Interior Girder 3	67.08	0.95	1	1	1.759855
SU6_serv	BOBJ1	44	112.71	Before	Interior Girder 4	67.08	0.95	1	1	1.759855
SU6_serv	BOBJ1	44	112.71	Before	Interior Girder 5	67.08	0.95	1	1	2.056912
SU6_serv	BOBJ1	44	112.71	Before	Interior Girder 6	67.08	0.95	1	1	2.137933
SU6_serv	BOBJ1	44	112.71	Before	Right Exterior Girder	67.08	0.95	1	1	2.997746
SU6_serv	BOBJ1	45	112.71	After	Left Exterior Girder	0	0.95	1	1	3.033356
SU6_serv	BOBJ1	45	112.71	After	Interior Girder 1	0	0.95	1	1	2.429499
SU6_serv	BOBJ1	45	112.71	After	Interior Girder 2	0	0.95	1	1	2.235366
SU6_serv	BOBJ1	45	112.71	After	Interior Girder 3	0	0.95	1	1	1.920438
SU6_serv	BOBJ1	45	112.71	After	Interior Girder 4	0	0.95	1	1	1.920438
SU6_serv	BOBJ1	45	112.71	After	Interior Girder 5	0	0.95	1	1	2.235366
SU6_serv	BOBJ1	45	112.71	After	Interior Girder 6	0	0.95	1	1	2.429499

TABLE: Bridge Super Rating AASHTORATE18 31 - SteelICompServ-Flx - Approach, Span 16-19										
Request	BridgeObj	BridgeCut	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	Unitless	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
SU6_serv	BOBJ1	45	112.71	After	Right Exterior Girder	0	0.95	1	1	3.033356
SU6_serv	BOBJ1	46	117.21	Before	Left Exterior Girder	4.5	0.95	1	1	4.049059
SU6_serv	BOBJ1	46	117.21	Before	Right Exterior Girder	4.5	0.95	1	1	4.049059
SU6_serv	BOBJ1	47	117.21	After	Left Exterior Girder	4.5	0.95	1	1	2.75702
SU6_serv	BOBJ1	47	117.21	After	Right Exterior Girder	4.5	0.95	1	1	2.75702
SU6_serv	BOBJ1	48	119.1	Before	Left Exterior Girder	6.39	0.95	1	1	3.202015
SU6_serv	BOBJ1	48	119.1	Before	Interior Girder 1	6.39	0.95	1	1	3.385111
SU6_serv	BOBJ1	48	119.1	Before	Interior Girder 2	6.39	0.95	1	1	3.320745
SU6_serv	BOBJ1	48	119.1	Before	Interior Girder 3	6.39	0.95	1	1	3.223862
SU6_serv	BOBJ1	48	119.1	Before	Interior Girder 4	6.39	0.95	1	1	3.223862
SU6_serv	BOBJ1	48	119.1	Before	Interior Girder 5	6.39	0.95	1	1	3.320745
SU6_serv	BOBJ1	48	119.1	Before	Interior Girder 6	6.39	0.95	1	1	3.385111
SU6_serv	BOBJ1	48	119.1	Before	Right Exterior Girder	6.39	0.95	1	1	3.202015
SU6_serv	BOBJ1	49	119.1	After	Left Exterior Girder	6.39	0.95	1	1	3.15082
SU6_serv	BOBJ1	49	119.1	After	Interior Girder 1	6.39	0.95	1	1	3.440942
SU6_serv	BOBJ1	49	119.1	After	Interior Girder 2	6.39	0.95	1	1	3.366354
SU6_serv	BOBJ1	49	119.1	After	Interior Girder 3	6.39	0.95	1	1	3.244786
SU6_serv	BOBJ1	49	119.1	After	Interior Girder 4	6.39	0.95	1	1	3.244786
SU6_serv	BOBJ1	49	119.1	After	Interior Girder 5	6.39	0.95	1	1	3.366354
SU6_serv	BOBJ1	49	119.1	After	Interior Girder 6	6.39	0.95	1	1	3.440942
SU6_serv	BOBJ1	49	119.1	After	Right Exterior Girder	6.39	0.95	1	1	3.15082
SU6_serv	BOBJ1	50	125.49	Before	Left Exterior Girder	12.78	0.95	1	1	4.654864
SU6_serv	BOBJ1	50	125.49	Before	Interior Girder 1	12.78	0.95	1	1	4.603968
SU6_serv	BOBJ1	50	125.49	Before	Interior Girder 2	12.78	0.95	1	1	4.618385
SU6_serv	BOBJ1	50	125.49	Before	Interior Girder 3	12.78	0.95	1	1	4.673503
SU6_serv	BOBJ1	50	125.49	Before	Interior Girder 4	12.78	0.95	1	1	4.673503
SU6_serv	BOBJ1	50	125.49	Before	Interior Girder 5	12.78	0.95	1	1	4.618385
SU6_serv	BOBJ1	50	125.49	Before	Interior Girder 6	12.78	0.95	1	1	4.603968
SU6_serv	BOBJ1	50	125.49	Before	Right Exterior Girder	12.78	0.95	1	1	4.654864
SU6_serv	BOBJ1	51	125.49	After	Left Exterior Girder	12.78	0.95	1	1	4.607378
SU6_serv	BOBJ1	51	125.49	After	Interior Girder 1	12.78	0.95	1	1	4.657582
SU6_serv	BOBJ1	51	125.49	After	Interior Girder 2	12.78	0.95	1	1	4.653845
SU6_serv	BOBJ1	51	125.49	After	Interior Girder 3	12.78	0.95	1	1	4.685014
SU6_serv	BOBJ1	51	125.49	After	Interior Girder 4	12.78	0.95	1	1	4.685014
SU6_serv	BOBJ1	51	125.49	After	Interior Girder 5	12.78	0.95	1	1	4.653845
SU6_serv	BOBJ1	51	125.49	After	Interior Girder 6	12.78	0.95	1	1	4.657582
SU6_serv	BOBJ1	51	125.49	After	Right Exterior Girder	12.78	0.95	1	1	4.607378
SU6_serv	BOBJ1	52	131.88	Before	Left Exterior Girder	19.17	0.95	1	1	4.375898
SU6_serv	BOBJ1	52	131.88	Before	Interior Girder 1	19.17	0.95	1	1	4.146153
SU6_serv	BOBJ1	52	131.88	Before	Interior Girder 2	19.17	0.95	1	1	3.7814
SU6_serv	BOBJ1	52	131.88	Before	Interior Girder 3	19.17	0.95	1	1	3.693082
SU6_serv	BOBJ1	52	131.88	Before	Interior Girder 4	19.17	0.95	1	1	3.693082
SU6_serv	BOBJ1	52	131.88	Before	Interior Girder 5	19.17	0.95	1	1	3.7814
SU6_serv	BOBJ1	52	131.88	Before	Interior Girder 6	19.17	0.95	1	1	4.146153
SU6_serv	BOBJ1	52	131.88	Before	Right Exterior Girder	19.17	0.95	1	1	4.375898
SU6_serv	BOBJ1	53	131.88	After	Left Exterior Girder	19.17	0.95	1	1	4.413987
SU6_serv	BOBJ1	53	131.88	After	Interior Girder 1	19.17	0.95	1	1	4.121134
SU6_serv	BOBJ1	53	131.88	After	Interior Girder 2	19.17	0.95	1	1	3.782862
SU6_serv	BOBJ1	53	131.88	After	Interior Girder 3	19.17	0.95	1	1	3.722606
SU6_serv	BOBJ1	53	131.88	After	Interior Girder 4	19.17	0.95	1	1	3.722606
SU6_serv	BOBJ1	53	131.88	After	Interior Girder 5	19.17	0.95	1	1	3.782862
SU6_serv	BOBJ1	53	131.88	After	Interior Girder 6	19.17	0.95	1	1	4.121134
SU6_serv	BOBJ1	53	131.88	After	Right Exterior Girder	19.17	0.95	1	1	4.413987
SU6_serv	BOBJ1	54	138.27	Before	Left Exterior Girder	25.56	0.95	1	1	3.905677
SU6_serv	BOBJ1	54	138.27	Before	Interior Girder 1	25.56	0.95	1	1	3.222148
SU6_serv	BOBJ1	54	138.27	Before	Interior Girder 2	25.56	0.95	1	1	3.040706
SU6_serv	BOBJ1	54	138.27	Before	Interior Girder 3	25.56	0.95	1	1	2.922661
SU6_serv	BOBJ1	54	138.27	Before	Interior Girder 4	25.56	0.95	1	1	2.922661
SU6_serv	BOBJ1	54	138.27	Before	Interior Girder 5	25.56	0.95	1	1	3.040706
SU6_serv	BOBJ1	54	138.27	Before	Interior Girder 6	25.56	0.95	1	1	3.222148
SU6_serv	BOBJ1	54	138.27	Before	Right Exterior Girder	25.56	0.95	1	1	3.905677
SU6_serv	BOBJ1	55	138.27	After	Left Exterior Girder	25.56	0.95	1	1	3.954911
SU6_serv	BOBJ1	55	138.27	After	Interior Girder 1	25.56	0.95	1	1	3.196964
SU6_serv	BOBJ1	55	138.27	After	Interior Girder 2	25.56	0.95	1	1	3.022294
SU6_serv	BOBJ1	55	138.27	After	Interior Girder 3	25.56	0.95	1	1	2.919334
SU6_serv	BOBJ1	55	138.27	After	Interior Girder 4	25.56	0.95	1	1	2.919334
SU6_serv	BOBJ1	55	138.27	After	Interior Girder 5	25.56	0.95	1	1	3.022294
SU6_serv	BOBJ1	55	138.27	After	Interior Girder 6	25.56	0.95	1	1	3.196964
SU6_serv	BOBJ1	55	138.27	After	Right Exterior Girder	25.56	0.95	1	1	3.954911
SU6_serv	BOBJ1	56	144.66	Before	Left Exterior Girder	31.95	0.95	1	1	4.04029
SU6_serv	BOBJ1	56	144.66	Before	Interior Girder 1	31.95	0.95	1	1	3.225835
SU6_serv	BOBJ1	56	144.66	Before	Interior Girder 2	31.95	0.95	1	1	3.048393
SU6_serv	BOBJ1	56	144.66	Before	Interior Girder 3	31.95	0.95	1	1	2.943694

TABLE: Bridge Super Rating AASHTORATE18 31 - SteelICompServ-Flx - Approach, Span 16-19										
Request	BridgeObj	BridgeCut	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	Unitless	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
SU6_serv	BOBJ1	56	144.66	Before	Interior Girder 4	31.95	0.95	1	1	2.943694
SU6_serv	BOBJ1	56	144.66	Before	Interior Girder 5	31.95	0.95	1	1	3.048393
SU6_serv	BOBJ1	56	144.66	Before	Interior Girder 6	31.95	0.95	1	1	3.225835
SU6_serv	BOBJ1	56	144.66	Before	Right Exterior Girder	31.95	0.95	1	1	4.04029
SU6_serv	BOBJ1	57	144.66	After	Left Exterior Girder	31.95	0.95	1	1	3.983878
SU6_serv	BOBJ1	57	144.66	After	Interior Girder 1	31.95	0.95	1	1	3.257222
SU6_serv	BOBJ1	57	144.66	After	Interior Girder 2	31.95	0.95	1	1	3.065837
SU6_serv	BOBJ1	57	144.66	After	Interior Girder 3	31.95	0.95	1	1	2.943432
SU6_serv	BOBJ1	57	144.66	After	Interior Girder 4	31.95	0.95	1	1	2.943432
SU6_serv	BOBJ1	57	144.66	After	Interior Girder 5	31.95	0.95	1	1	3.065837
SU6_serv	BOBJ1	57	144.66	After	Interior Girder 6	31.95	0.95	1	1	3.257222
SU6_serv	BOBJ1	57	144.66	After	Right Exterior Girder	31.95	0.95	1	1	3.983878
SU6_serv	BOBJ1	58	151.05	Before	Left Exterior Girder	38.34	0.95	1	1	4.70091
SU6_serv	BOBJ1	58	151.05	Before	Interior Girder 1	38.34	0.95	1	1	4.249785
SU6_serv	BOBJ1	58	151.05	Before	Interior Girder 2	38.34	0.95	1	1	3.891477
SU6_serv	BOBJ1	58	151.05	Before	Interior Girder 3	38.34	0.95	1	1	3.822625
SU6_serv	BOBJ1	58	151.05	Before	Interior Girder 4	38.34	0.95	1	1	3.822625
SU6_serv	BOBJ1	58	151.05	Before	Interior Girder 5	38.34	0.95	1	1	3.891477
SU6_serv	BOBJ1	58	151.05	Before	Interior Girder 6	38.34	0.95	1	1	4.249785
SU6_serv	BOBJ1	58	151.05	Before	Right Exterior Girder	38.34	0.95	1	1	4.70091
SU6_serv	BOBJ1	59	151.05	After	Left Exterior Girder	38.34	0.95	1	1	4.648554
SU6_serv	BOBJ1	59	151.05	After	Interior Girder 1	38.34	0.95	1	1	4.285753
SU6_serv	BOBJ1	59	151.05	After	Interior Girder 2	38.34	0.95	1	1	3.88911
SU6_serv	BOBJ1	59	151.05	After	Interior Girder 3	38.34	0.95	1	1	3.787147
SU6_serv	BOBJ1	59	151.05	After	Interior Girder 4	38.34	0.95	1	1	3.787147
SU6_serv	BOBJ1	59	151.05	After	Interior Girder 5	38.34	0.95	1	1	3.88911
SU6_serv	BOBJ1	59	151.05	After	Interior Girder 6	38.34	0.95	1	1	4.285753
SU6_serv	BOBJ1	59	151.05	After	Right Exterior Girder	38.34	0.95	1	1	4.648554
SU6_serv	BOBJ1	60	157.4367	Before	Left Exterior Girder	44.7267	0.95	1	1	4.711565
SU6_serv	BOBJ1	60	157.4367	Before	Interior Girder 1	44.7267	0.95	1	1	4.926008
SU6_serv	BOBJ1	60	157.4367	Before	Interior Girder 2	44.7267	0.95	1	1	4.802426
SU6_serv	BOBJ1	60	157.4367	Before	Interior Girder 3	44.7267	0.95	1	1	4.837323
SU6_serv	BOBJ1	60	157.4367	Before	Interior Girder 4	44.7267	0.95	1	1	4.837323
SU6_serv	BOBJ1	60	157.4367	Before	Interior Girder 5	44.7267	0.95	1	1	4.802426
SU6_serv	BOBJ1	60	157.4367	Before	Interior Girder 6	44.7267	0.95	1	1	4.926008
SU6_serv	BOBJ1	60	157.4367	Before	Right Exterior Girder	44.7267	0.95	1	1	4.711565
SU6_serv	BOBJ1	61	157.4367	After	Left Exterior Girder	44.7267	0.95	1	1	4.751572
SU6_serv	BOBJ1	61	157.4367	After	Interior Girder 1	44.7267	0.95	1	1	4.886756
SU6_serv	BOBJ1	61	157.4367	After	Interior Girder 2	44.7267	0.95	1	1	4.780837
SU6_serv	BOBJ1	61	157.4367	After	Interior Girder 3	44.7267	0.95	1	1	4.830243
SU6_serv	BOBJ1	61	157.4367	After	Interior Girder 4	44.7267	0.95	1	1	4.830243
SU6_serv	BOBJ1	61	157.4367	After	Interior Girder 5	44.7267	0.95	1	1	4.780837
SU6_serv	BOBJ1	61	157.4367	After	Interior Girder 6	44.7267	0.95	1	1	4.886756
SU6_serv	BOBJ1	61	157.4367	After	Right Exterior Girder	44.7267	0.95	1	1	4.751572
SU6_serv	BOBJ1	62	158.71	Before	Left Exterior Girder	46	0.95	1	1	4.401736
SU6_serv	BOBJ1	62	158.71	Before	Interior Girder 1	46	0.95	1	1	4.641807
SU6_serv	BOBJ1	62	158.71	Before	Interior Girder 2	46	0.95	1	1	4.492776
SU6_serv	BOBJ1	62	158.71	Before	Interior Girder 3	46	0.95	1	1	4.485407
SU6_serv	BOBJ1	62	158.71	Before	Interior Girder 4	46	0.95	1	1	4.485407
SU6_serv	BOBJ1	62	158.71	Before	Interior Girder 5	46	0.95	1	1	4.492776
SU6_serv	BOBJ1	62	158.71	Before	Interior Girder 6	46	0.95	1	1	4.641807
SU6_serv	BOBJ1	62	158.71	Before	Right Exterior Girder	46	0.95	1	1	4.401736
SU6_serv	BOBJ1	63	158.71	After	Left Exterior Girder	46	0.95	1	1	6.000111
SU6_serv	BOBJ1	63	158.71	After	Interior Girder 1	46	0.95	1	1	5.8078
SU6_serv	BOBJ1	63	158.71	After	Interior Girder 2	46	0.95	1	1	5.603821
SU6_serv	BOBJ1	63	158.71	After	Interior Girder 3	46	0.95	1	1	5.625169
SU6_serv	BOBJ1	63	158.71	After	Interior Girder 4	46	0.95	1	1	5.625169
SU6_serv	BOBJ1	63	158.71	After	Interior Girder 5	46	0.95	1	1	5.603821
SU6_serv	BOBJ1	63	158.71	After	Interior Girder 6	46	0.95	1	1	5.8078
SU6_serv	BOBJ1	63	158.71	After	Right Exterior Girder	46	0.95	1	1	6.000111
SU6_serv	BOBJ1	64	163.8233	Before	Left Exterior Girder	51.1133	0.95	1	1	4.552154
SU6_serv	BOBJ1	64	163.8233	Before	Interior Girder 1	51.1133	0.95	1	1	4.675845
SU6_serv	BOBJ1	64	163.8233	Before	Interior Girder 2	51.1133	0.95	1	1	4.441163
SU6_serv	BOBJ1	64	163.8233	Before	Interior Girder 3	51.1133	0.95	1	1	4.232306
SU6_serv	BOBJ1	64	163.8233	Before	Interior Girder 4	51.1133	0.95	1	1	4.232306
SU6_serv	BOBJ1	64	163.8233	Before	Interior Girder 5	51.1133	0.95	1	1	4.441163
SU6_serv	BOBJ1	64	163.8233	Before	Interior Girder 6	51.1133	0.95	1	1	4.675845
SU6_serv	BOBJ1	64	163.8233	Before	Right Exterior Girder	51.1133	0.95	1	1	4.552154
SU6_serv	BOBJ1	65	163.8233	After	Left Exterior Girder	51.1133	0.95	1	1	4.621494
SU6_serv	BOBJ1	65	163.8233	After	Interior Girder 1	51.1133	0.95	1	1	4.579692
SU6_serv	BOBJ1	65	163.8233	After	Interior Girder 2	51.1133	0.95	1	1	4.363099
SU6_serv	BOBJ1	65	163.8233	After	Interior Girder 3	51.1133	0.95	1	1	4.163366
SU6_serv	BOBJ1	65	163.8233	After	Interior Girder 4	51.1133	0.95	1	1	4.163366

TABLE: Bridge Super Rating AASHTORATE18 31 - SteelICompServ-Flx - Approach, Span 16-19										
Request	BridgeObj	BridgeCut	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	Unitless	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
SU6_serv	BOBJ1	65	163.8233	After	Interior Girder 5	51.1133	0.95	1	1	4.363099
SU6_serv	BOBJ1	65	163.8233	After	Interior Girder 6	51.1133	0.95	1	1	4.579692
SU6_serv	BOBJ1	65	163.8233	After	Right Exterior Girder	51.1133	0.95	1	1	4.621494
SU6_serv	BOBJ1	66	164.71	Before	Left Exterior Girder	52	0.95	1	1	4.377609
SU6_serv	BOBJ1	66	164.71	Before	Right Exterior Girder	52	0.95	1	1	4.377609
SU6_serv	BOBJ1	67	164.71	After	Left Exterior Girder	52	0.95	1	1	6.598597
SU6_serv	BOBJ1	67	164.71	After	Right Exterior Girder	52	0.95	1	1	6.598597
SU6_serv	BOBJ1	68	170.21	Before	Left Exterior Girder	57.5	0.95	1	1	5.002412
SU6_serv	BOBJ1	68	170.21	Before	Interior Girder 1	57.5	0.95	1	1	3.129714
SU6_serv	BOBJ1	68	170.21	Before	Interior Girder 2	57.5	0.95	1	1	2.883385
SU6_serv	BOBJ1	68	170.21	Before	Interior Girder 3	57.5	0.95	1	1	2.386556
SU6_serv	BOBJ1	68	170.21	Before	Interior Girder 4	57.5	0.95	1	1	2.386556
SU6_serv	BOBJ1	68	170.21	Before	Interior Girder 5	57.5	0.95	1	1	2.883385
SU6_serv	BOBJ1	68	170.21	Before	Interior Girder 6	57.5	0.95	1	1	3.129714
SU6_serv	BOBJ1	68	170.21	Before	Right Exterior Girder	57.5	0.95	1	1	5.002412
SU6_serv	BOBJ1	69	170.21	After	Left Exterior Girder	0	0.95	1	1	5.046646
SU6_serv	BOBJ1	69	170.21	After	Interior Girder 1	0	0.95	1	1	3.020759
SU6_serv	BOBJ1	69	170.21	After	Interior Girder 2	0	0.95	1	1	2.823894
SU6_serv	BOBJ1	69	170.21	After	Interior Girder 3	0	0.95	1	1	2.373518
SU6_serv	BOBJ1	69	170.21	After	Interior Girder 4	0	0.95	1	1	2.373518
SU6_serv	BOBJ1	69	170.21	After	Interior Girder 5	0	0.95	1	1	2.823894
SU6_serv	BOBJ1	69	170.21	After	Interior Girder 6	0	0.95	1	1	3.020759
SU6_serv	BOBJ1	69	170.21	After	Right Exterior Girder	0	0.95	1	1	5.046646
SU6_serv	BOBJ1	70	176.21	Before	Left Exterior Girder	6	0.95	1	1	7.642842
SU6_serv	BOBJ1	70	176.21	Before	Right Exterior Girder	6	0.95	1	1	7.642842
SU6_serv	BOBJ1	71	176.21	After	Left Exterior Girder	6	0.95	1	1	5.149541
SU6_serv	BOBJ1	71	176.21	After	Right Exterior Girder	6	0.95	1	1	5.149541
SU6_serv	BOBJ1	72	176.6	Before	Left Exterior Girder	6.39	0.95	1	1	5.275087
SU6_serv	BOBJ1	72	176.6	Before	Interior Girder 1	6.39	0.95	1	1	5.080319
SU6_serv	BOBJ1	72	176.6	Before	Interior Girder 2	6.39	0.95	1	1	4.756253
SU6_serv	BOBJ1	72	176.6	Before	Interior Girder 3	6.39	0.95	1	1	4.527519
SU6_serv	BOBJ1	72	176.6	Before	Interior Girder 4	6.39	0.95	1	1	4.527519
SU6_serv	BOBJ1	72	176.6	Before	Interior Girder 5	6.39	0.95	1	1	4.756253
SU6_serv	BOBJ1	72	176.6	Before	Interior Girder 6	6.39	0.95	1	1	5.080319
SU6_serv	BOBJ1	72	176.6	Before	Right Exterior Girder	6.39	0.95	1	1	5.275087
SU6_serv	BOBJ1	73	176.6	After	Left Exterior Girder	6.39	0.95	1	1	5.168687
SU6_serv	BOBJ1	73	176.6	After	Interior Girder 1	6.39	0.95	1	1	5.199727
SU6_serv	BOBJ1	73	176.6	After	Interior Girder 2	6.39	0.95	1	1	4.854741
SU6_serv	BOBJ1	73	176.6	After	Interior Girder 3	6.39	0.95	1	1	4.616118
SU6_serv	BOBJ1	73	176.6	After	Interior Girder 4	6.39	0.95	1	1	4.616118
SU6_serv	BOBJ1	73	176.6	After	Interior Girder 5	6.39	0.95	1	1	4.854741
SU6_serv	BOBJ1	73	176.6	After	Interior Girder 6	6.39	0.95	1	1	5.199727
SU6_serv	BOBJ1	73	176.6	After	Right Exterior Girder	6.39	0.95	1	1	5.168687
SU6_serv	BOBJ1	74	182.99	Before	Left Exterior Girder	12.78	0.95	1	1	7.154587
SU6_serv	BOBJ1	74	182.99	Before	Interior Girder 1	12.78	0.95	1	1	6.209915
SU6_serv	BOBJ1	74	182.99	Before	Interior Girder 2	12.78	0.95	1	1	5.639338
SU6_serv	BOBJ1	74	182.99	Before	Interior Girder 3	12.78	0.95	1	1	5.474215
SU6_serv	BOBJ1	74	182.99	Before	Interior Girder 4	12.78	0.95	1	1	5.474215
SU6_serv	BOBJ1	74	182.99	Before	Interior Girder 5	12.78	0.95	1	1	5.639338
SU6_serv	BOBJ1	74	182.99	Before	Interior Girder 6	12.78	0.95	1	1	6.209915
SU6_serv	BOBJ1	74	182.99	Before	Right Exterior Girder	12.78	0.95	1	1	7.154587
SU6_serv	BOBJ1	75	182.99	After	Left Exterior Girder	12.78	0.95	1	1	7.097878
SU6_serv	BOBJ1	75	182.99	After	Interior Girder 1	12.78	0.95	1	1	6.224561
SU6_serv	BOBJ1	75	182.99	After	Interior Girder 2	12.78	0.95	1	1	5.703076
SU6_serv	BOBJ1	75	182.99	After	Interior Girder 3	12.78	0.95	1	1	5.680607
SU6_serv	BOBJ1	75	182.99	After	Interior Girder 4	12.78	0.95	1	1	5.680607
SU6_serv	BOBJ1	75	182.99	After	Interior Girder 5	12.78	0.95	1	1	5.703076
SU6_serv	BOBJ1	75	182.99	After	Interior Girder 6	12.78	0.95	1	1	6.224561
SU6_serv	BOBJ1	75	182.99	After	Right Exterior Girder	12.78	0.95	1	1	7.097878
SU6_serv	BOBJ1	76	189.38	Before	Left Exterior Girder	19.17	0.95	1	1	4.577688
SU6_serv	BOBJ1	76	189.38	Before	Interior Girder 1	19.17	0.95	1	1	4.130726
SU6_serv	BOBJ1	76	189.38	Before	Interior Girder 2	19.17	0.95	1	1	3.779214
SU6_serv	BOBJ1	76	189.38	Before	Interior Girder 3	19.17	0.95	1	1	3.718252
SU6_serv	BOBJ1	76	189.38	Before	Interior Girder 4	19.17	0.95	1	1	3.718252
SU6_serv	BOBJ1	76	189.38	Before	Interior Girder 5	19.17	0.95	1	1	3.779214
SU6_serv	BOBJ1	76	189.38	Before	Interior Girder 6	19.17	0.95	1	1	4.130726
SU6_serv	BOBJ1	76	189.38	Before	Right Exterior Girder	19.17	0.95	1	1	4.577688
SU6_serv	BOBJ1	77	189.38	After	Left Exterior Girder	19.17	0.95	1	1	4.640371
SU6_serv	BOBJ1	77	189.38	After	Interior Girder 1	19.17	0.95	1	1	4.087748
SU6_serv	BOBJ1	77	189.38	After	Interior Girder 2	19.17	0.95	1	1	3.77596
SU6_serv	BOBJ1	77	189.38	After	Interior Girder 3	19.17	0.95	1	1	3.754516
SU6_serv	BOBJ1	77	189.38	After	Interior Girder 4	19.17	0.95	1	1	3.754516
SU6_serv	BOBJ1	77	189.38	After	Interior Girder 5	19.17	0.95	1	1	3.77596

TABLE: Bridge Super Rating AASHTORATE18 31 - SteelICompServ-Flx - Approach, Span 16-19										
Request	BridgeObj	BridgeCut	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	Unitless	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
SU6_serv	BOBJ1	77	189.38	After	Interior Girder 6	19.17	0.95	1	1	4.087748
SU6_serv	BOBJ1	77	189.38	After	Right Exterior Girder	19.17	0.95	1	1	4.640371
SU6_serv	BOBJ1	78	195.77	Before	Left Exterior Girder	25.56	0.95	1	1	3.558797
SU6_serv	BOBJ1	78	195.77	Before	Interior Girder 1	25.56	0.95	1	1	2.892895
SU6_serv	BOBJ1	78	195.77	Before	Interior Girder 2	25.56	0.95	1	1	2.762424
SU6_serv	BOBJ1	78	195.77	Before	Interior Girder 3	25.56	0.95	1	1	2.697698
SU6_serv	BOBJ1	78	195.77	Before	Interior Girder 4	25.56	0.95	1	1	2.697698
SU6_serv	BOBJ1	78	195.77	Before	Interior Girder 5	25.56	0.95	1	1	2.762424
SU6_serv	BOBJ1	78	195.77	Before	Interior Girder 6	25.56	0.95	1	1	2.892895
SU6_serv	BOBJ1	78	195.77	Before	Right Exterior Girder	25.56	0.95	1	1	3.558797
SU6_serv	BOBJ1	79	195.77	After	Left Exterior Girder	25.56	0.95	1	1	3.610471
SU6_serv	BOBJ1	79	195.77	After	Interior Girder 1	25.56	0.95	1	1	2.857895
SU6_serv	BOBJ1	79	195.77	After	Interior Girder 2	25.56	0.95	1	1	2.747603
SU6_serv	BOBJ1	79	195.77	After	Interior Girder 3	25.56	0.95	1	1	2.69976
SU6_serv	BOBJ1	79	195.77	After	Interior Girder 4	25.56	0.95	1	1	2.69976
SU6_serv	BOBJ1	79	195.77	After	Interior Girder 5	25.56	0.95	1	1	2.747603
SU6_serv	BOBJ1	79	195.77	After	Interior Girder 6	25.56	0.95	1	1	2.857895
SU6_serv	BOBJ1	79	195.77	After	Right Exterior Girder	25.56	0.95	1	1	3.610471
SU6_serv	BOBJ1	80	202.16	Before	Left Exterior Girder	31.95	0.95	1	1	3.149883
SU6_serv	BOBJ1	80	202.16	Before	Interior Girder 1	31.95	0.95	1	1	2.56202
SU6_serv	BOBJ1	80	202.16	Before	Interior Girder 2	31.95	0.95	1	1	2.477744
SU6_serv	BOBJ1	80	202.16	Before	Interior Girder 3	31.95	0.95	1	1	2.432305
SU6_serv	BOBJ1	80	202.16	Before	Interior Girder 4	31.95	0.95	1	1	2.432305
SU6_serv	BOBJ1	80	202.16	Before	Interior Girder 5	31.95	0.95	1	1	2.477744
SU6_serv	BOBJ1	80	202.16	Before	Interior Girder 6	31.95	0.95	1	1	2.56202
SU6_serv	BOBJ1	80	202.16	Before	Right Exterior Girder	31.95	0.95	1	1	3.149883
SU6_serv	BOBJ1	81	202.16	After	Left Exterior Girder	31.95	0.95	1	1	3.122639
SU6_serv	BOBJ1	81	202.16	After	Interior Girder 1	31.95	0.95	1	1	2.575447
SU6_serv	BOBJ1	81	202.16	After	Interior Girder 2	31.95	0.95	1	1	2.494191
SU6_serv	BOBJ1	81	202.16	After	Interior Girder 3	31.95	0.95	1	1	2.444153
SU6_serv	BOBJ1	81	202.16	After	Interior Girder 4	31.95	0.95	1	1	2.444153
SU6_serv	BOBJ1	81	202.16	After	Interior Girder 5	31.95	0.95	1	1	2.494191
SU6_serv	BOBJ1	81	202.16	After	Interior Girder 6	31.95	0.95	1	1	2.575447
SU6_serv	BOBJ1	81	202.16	After	Right Exterior Girder	31.95	0.95	1	1	3.122639
SU6_serv	BOBJ1	82	208.55	Before	Left Exterior Girder	38.34	0.95	1	1	3.074854
SU6_serv	BOBJ1	82	208.55	Before	Interior Girder 1	38.34	0.95	1	1	2.807783
SU6_serv	BOBJ1	82	208.55	Before	Interior Girder 2	38.34	0.95	1	1	2.68676
SU6_serv	BOBJ1	82	208.55	Before	Interior Girder 3	38.34	0.95	1	1	2.67663
SU6_serv	BOBJ1	82	208.55	Before	Interior Girder 4	38.34	0.95	1	1	2.67663
SU6_serv	BOBJ1	82	208.55	Before	Interior Girder 5	38.34	0.95	1	1	2.68676
SU6_serv	BOBJ1	82	208.55	Before	Interior Girder 6	38.34	0.95	1	1	2.807783
SU6_serv	BOBJ1	82	208.55	Before	Right Exterior Girder	38.34	0.95	1	1	3.074854
SU6_serv	BOBJ1	83	208.55	After	Left Exterior Girder	38.34	0.95	1	1	3.045818
SU6_serv	BOBJ1	83	208.55	After	Interior Girder 1	38.34	0.95	1	1	2.826201
SU6_serv	BOBJ1	83	208.55	After	Interior Girder 2	38.34	0.95	1	1	2.685106
SU6_serv	BOBJ1	83	208.55	After	Interior Girder 3	38.34	0.95	1	1	2.668071
SU6_serv	BOBJ1	83	208.55	After	Interior Girder 4	38.34	0.95	1	1	2.668071
SU6_serv	BOBJ1	83	208.55	After	Interior Girder 5	38.34	0.95	1	1	2.685106
SU6_serv	BOBJ1	83	208.55	After	Interior Girder 6	38.34	0.95	1	1	2.826201
SU6_serv	BOBJ1	83	208.55	After	Right Exterior Girder	38.34	0.95	1	1	3.045818
SU6_serv	BOBJ1	84	215.1233	Before	Left Exterior Girder	44.9133	0.95	1	1	4.181984
SU6_serv	BOBJ1	84	215.1233	Before	Interior Girder 1	44.9133	0.95	1	1	3.255319
SU6_serv	BOBJ1	84	215.1233	Before	Interior Girder 2	44.9133	0.95	1	1	3.119952
SU6_serv	BOBJ1	84	215.1233	Before	Interior Girder 3	44.9133	0.95	1	1	3.013013
SU6_serv	BOBJ1	84	215.1233	Before	Interior Girder 4	44.9133	0.95	1	1	3.013013
SU6_serv	BOBJ1	84	215.1233	Before	Interior Girder 5	44.9133	0.95	1	1	3.119952
SU6_serv	BOBJ1	84	215.1233	Before	Interior Girder 6	44.9133	0.95	1	1	3.255319
SU6_serv	BOBJ1	84	215.1233	Before	Right Exterior Girder	44.9133	0.95	1	1	4.181984
SU6_serv	BOBJ1	85	215.1233	After	Left Exterior Girder	44.9133	0.95	1	1	4.16775
SU6_serv	BOBJ1	85	215.1233	After	Interior Girder 1	44.9133	0.95	1	1	3.258548
SU6_serv	BOBJ1	85	215.1233	After	Interior Girder 2	44.9133	0.95	1	1	3.073118
SU6_serv	BOBJ1	85	215.1233	After	Interior Girder 3	44.9133	0.95	1	1	2.951482
SU6_serv	BOBJ1	85	215.1233	After	Interior Girder 4	44.9133	0.95	1	1	2.951482
SU6_serv	BOBJ1	85	215.1233	After	Interior Girder 5	44.9133	0.95	1	1	3.073118
SU6_serv	BOBJ1	85	215.1233	After	Interior Girder 6	44.9133	0.95	1	1	3.258548
SU6_serv	BOBJ1	85	215.1233	After	Right Exterior Girder	44.9133	0.95	1	1	4.16775
SU6_serv	BOBJ1	86	221.6967	Before	Left Exterior Girder	51.4867	0.95	1	1	8.479003
SU6_serv	BOBJ1	86	221.6967	Before	Interior Girder 1	51.4867	0.95	1	1	5.439032
SU6_serv	BOBJ1	86	221.6967	Before	Interior Girder 2	51.4867	0.95	1	1	5.145053
SU6_serv	BOBJ1	86	221.6967	Before	Interior Girder 3	51.4867	0.95	1	1	4.691933
SU6_serv	BOBJ1	86	221.6967	Before	Interior Girder 4	51.4867	0.95	1	1	4.691933
SU6_serv	BOBJ1	86	221.6967	Before	Interior Girder 5	51.4867	0.95	1	1	5.145053
SU6_serv	BOBJ1	86	221.6967	Before	Interior Girder 6	51.4867	0.95	1	1	5.439032

TABLE: Bridge Super Rating AASHTORATE18 31 - SteelICompServ-Flx - Approach, Span 16-19										
Request	BridgeObj	BridgeCut	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	Unitless	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
SU6_serv	BOBJ1	86	221.6967	Before	Right Exterior Girder	51.4867	0.95	1	1	8.479003
SU6_serv	BOBJ1	87	221.6967	After	Left Exterior Girder	51.4867	0.95	1	1	8.420001
SU6_serv	BOBJ1	87	221.6967	After	Interior Girder 1	51.4867	0.95	1	1	5.454722
SU6_serv	BOBJ1	87	221.6967	After	Interior Girder 2	51.4867	0.95	1	1	5.071374
SU6_serv	BOBJ1	87	221.6967	After	Interior Girder 3	51.4867	0.95	1	1	4.516301
SU6_serv	BOBJ1	87	221.6967	After	Interior Girder 4	51.4867	0.95	1	1	4.516301
SU6_serv	BOBJ1	87	221.6967	After	Interior Girder 5	51.4867	0.95	1	1	5.071374
SU6_serv	BOBJ1	87	221.6967	After	Interior Girder 6	51.4867	0.95	1	1	5.454722
SU6_serv	BOBJ1	87	221.6967	After	Right Exterior Girder	51.4867	0.95	1	1	8.420001
SU6_serv	BOBJ1	88	228.27	Before	Left Exterior Girder	58.06	0.95	1	1	485.327071
SU6_serv	BOBJ1	88	228.27	Before	Interior Girder 1	58.06	0.95	1	1	400.839707
SU6_serv	BOBJ1	88	228.27	Before	Interior Girder 2	58.06	0.95	1	1	210.980899
SU6_serv	BOBJ1	88	228.27	Before	Interior Girder 3	58.06	0.95	1	1	155.112989
SU6_serv	BOBJ1	88	228.27	Before	Interior Girder 4	58.06	0.95	1	1	155.112988
SU6_serv	BOBJ1	88	228.27	Before	Interior Girder 5	58.06	0.95	1	1	210.980899
SU6_serv	BOBJ1	88	228.27	Before	Interior Girder 6	58.06	0.95	1	1	400.839706
SU6_serv	BOBJ1	88	228.27	Before	Right Exterior Girder	58.06	0.95	1	1	485.32707
SU7_serv	BOBJ1	1	0	After	Left Exterior Girder	0	0.95	1	1	591.969704
SU7_serv	BOBJ1	1	0	After	Interior Girder 1	0	0.95	1	1	392.273602
SU7_serv	BOBJ1	1	0	After	Interior Girder 2	0	0.95	1	1	231.000495
SU7_serv	BOBJ1	1	0	After	Interior Girder 3	0	0.95	1	1	182.729939
SU7_serv	BOBJ1	1	0	After	Interior Girder 4	0	0.95	1	1	182.729939
SU7_serv	BOBJ1	1	0	After	Interior Girder 5	0	0.95	1	1	231.000498
SU7_serv	BOBJ1	1	0	After	Interior Girder 6	0	0.95	1	1	392.273601
SU7_serv	BOBJ1	1	0	After	Right Exterior Girder	0	0.95	1	1	591.969704
SU7_serv	BOBJ1	2	5.3833	Before	Left Exterior Girder	5.3833	0.95	1	1	9.056944
SU7_serv	BOBJ1	2	5.3833	Before	Interior Girder 1	5.3833	0.95	1	1	6.019509
SU7_serv	BOBJ1	2	5.3833	Before	Interior Girder 2	5.3833	0.95	1	1	5.592561
SU7_serv	BOBJ1	2	5.3833	Before	Interior Girder 3	5.3833	0.95	1	1	4.967417
SU7_serv	BOBJ1	2	5.3833	Before	Interior Girder 4	5.3833	0.95	1	1	4.967417
SU7_serv	BOBJ1	2	5.3833	Before	Interior Girder 5	5.3833	0.95	1	1	5.592561
SU7_serv	BOBJ1	2	5.3833	Before	Interior Girder 6	5.3833	0.95	1	1	6.019509
SU7_serv	BOBJ1	2	5.3833	Before	Right Exterior Girder	5.3833	0.95	1	1	9.056944
SU7_serv	BOBJ1	3	5.3833	After	Left Exterior Girder	5.3833	0.95	1	1	9.16576
SU7_serv	BOBJ1	3	5.3833	After	Interior Girder 1	5.3833	0.95	1	1	6.045027
SU7_serv	BOBJ1	3	5.3833	After	Interior Girder 2	5.3833	0.95	1	1	5.680753
SU7_serv	BOBJ1	3	5.3833	After	Interior Girder 3	5.3833	0.95	1	1	5.138225
SU7_serv	BOBJ1	3	5.3833	After	Interior Girder 4	5.3833	0.95	1	1	5.138225
SU7_serv	BOBJ1	3	5.3833	After	Interior Girder 5	5.3833	0.95	1	1	5.680753
SU7_serv	BOBJ1	3	5.3833	After	Interior Girder 6	5.3833	0.95	1	1	6.045027
SU7_serv	BOBJ1	3	5.3833	After	Right Exterior Girder	5.3833	0.95	1	1	9.16576
SU7_serv	BOBJ1	4	10.7667	Before	Left Exterior Girder	10.7667	0.95	1	1	4.731025
SU7_serv	BOBJ1	4	10.7667	Before	Interior Girder 1	10.7667	0.95	1	1	3.60991
SU7_serv	BOBJ1	4	10.7667	Before	Interior Girder 2	10.7667	0.95	1	1	3.346538
SU7_serv	BOBJ1	4	10.7667	Before	Interior Girder 3	10.7667	0.95	1	1	3.152706
SU7_serv	BOBJ1	4	10.7667	Before	Interior Girder 4	10.7667	0.95	1	1	3.152706
SU7_serv	BOBJ1	4	10.7667	Before	Interior Girder 5	10.7667	0.95	1	1	3.346538
SU7_serv	BOBJ1	4	10.7667	Before	Interior Girder 6	10.7667	0.95	1	1	3.60991
SU7_serv	BOBJ1	4	10.7667	Before	Right Exterior Girder	10.7667	0.95	1	1	4.731025
SU7_serv	BOBJ1	5	10.7667	After	Left Exterior Girder	10.7667	0.95	1	1	4.698261
SU7_serv	BOBJ1	5	10.7667	After	Interior Girder 1	10.7667	0.95	1	1	3.621995
SU7_serv	BOBJ1	5	10.7667	After	Interior Girder 2	10.7667	0.95	1	1	3.395897
SU7_serv	BOBJ1	5	10.7667	After	Interior Girder 3	10.7667	0.95	1	1	3.20988
SU7_serv	BOBJ1	5	10.7667	After	Interior Girder 4	10.7667	0.95	1	1	3.20988
SU7_serv	BOBJ1	5	10.7667	After	Interior Girder 5	10.7667	0.95	1	1	3.395897
SU7_serv	BOBJ1	5	10.7667	After	Interior Girder 6	10.7667	0.95	1	1	3.621995
SU7_serv	BOBJ1	5	10.7667	After	Right Exterior Girder	10.7667	0.95	1	1	4.698261
SU7_serv	BOBJ1	6	16.15	Before	Left Exterior Girder	16.15	0.95	1	1	3.511156
SU7_serv	BOBJ1	6	16.15	Before	Interior Girder 1	16.15	0.95	1	1	3.186953
SU7_serv	BOBJ1	6	16.15	Before	Interior Girder 2	16.15	0.95	1	1	2.952264
SU7_serv	BOBJ1	6	16.15	Before	Interior Girder 3	16.15	0.95	1	1	2.876867
SU7_serv	BOBJ1	6	16.15	Before	Interior Girder 4	16.15	0.95	1	1	2.876867
SU7_serv	BOBJ1	6	16.15	Before	Interior Girder 5	16.15	0.95	1	1	2.952264
SU7_serv	BOBJ1	6	16.15	Before	Interior Girder 6	16.15	0.95	1	1	3.186953
SU7_serv	BOBJ1	6	16.15	Before	Right Exterior Girder	16.15	0.95	1	1	3.511156
SU7_serv	BOBJ1	7	16.15	After	Left Exterior Girder	16.15	0.95	1	1	3.523581
SU7_serv	BOBJ1	7	16.15	After	Interior Girder 1	16.15	0.95	1	1	3.177024
SU7_serv	BOBJ1	7	16.15	After	Interior Girder 2	16.15	0.95	1	1	2.959633
SU7_serv	BOBJ1	7	16.15	After	Interior Girder 3	16.15	0.95	1	1	2.888
SU7_serv	BOBJ1	7	16.15	After	Interior Girder 4	16.15	0.95	1	1	2.888
SU7_serv	BOBJ1	7	16.15	After	Interior Girder 5	16.15	0.95	1	1	2.959633
SU7_serv	BOBJ1	7	16.15	After	Interior Girder 6	16.15	0.95	1	1	3.177024
SU7_serv	BOBJ1	7	16.15	After	Right Exterior Girder	16.15	0.95	1	1	3.523581

TABLE: Bridge Super Rating AASHTORATE18 31 - SteelICompServ-Flx - Approach, Span 16-19										
Request	BridgeObj	BridgeCut	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	Unitless	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
SU7_serv	BOBJ1	8	22.1267	Before	Left Exterior Girder	22.1267	0.95	1	1	3.804609
SU7_serv	BOBJ1	8	22.1267	Before	Interior Girder 1	22.1267	0.95	1	1	3.022361
SU7_serv	BOBJ1	8	22.1267	Before	Interior Girder 2	22.1267	0.95	1	1	2.846794
SU7_serv	BOBJ1	8	22.1267	Before	Interior Girder 3	22.1267	0.95	1	1	2.740379
SU7_serv	BOBJ1	8	22.1267	Before	Interior Girder 4	22.1267	0.95	1	1	2.740379
SU7_serv	BOBJ1	8	22.1267	Before	Interior Girder 5	22.1267	0.95	1	1	2.846794
SU7_serv	BOBJ1	8	22.1267	Before	Interior Girder 6	22.1267	0.95	1	1	3.022361
SU7_serv	BOBJ1	8	22.1267	Before	Right Exterior Girder	22.1267	0.95	1	1	3.804609
SU7_serv	BOBJ1	9	22.1267	After	Left Exterior Girder	22.1267	0.95	1	1	3.835872
SU7_serv	BOBJ1	9	22.1267	After	Interior Girder 1	22.1267	0.95	1	1	3.008343
SU7_serv	BOBJ1	9	22.1267	After	Interior Girder 2	22.1267	0.95	1	1	2.832483
SU7_serv	BOBJ1	9	22.1267	After	Interior Girder 3	22.1267	0.95	1	1	2.729482
SU7_serv	BOBJ1	9	22.1267	After	Interior Girder 4	22.1267	0.95	1	1	2.729482
SU7_serv	BOBJ1	9	22.1267	After	Interior Girder 5	22.1267	0.95	1	1	2.832483
SU7_serv	BOBJ1	9	22.1267	After	Interior Girder 6	22.1267	0.95	1	1	3.008343
SU7_serv	BOBJ1	9	22.1267	After	Right Exterior Girder	22.1267	0.95	1	1	3.835872
SU7_serv	BOBJ1	10	28.1033	Before	Left Exterior Girder	28.1033	0.95	1	1	4.834159
SU7_serv	BOBJ1	10	28.1033	Before	Interior Girder 1	28.1033	0.95	1	1	3.60818
SU7_serv	BOBJ1	10	28.1033	Before	Interior Girder 2	28.1033	0.95	1	1	3.390231
SU7_serv	BOBJ1	10	28.1033	Before	Interior Girder 3	28.1033	0.95	1	1	3.275445
SU7_serv	BOBJ1	10	28.1033	Before	Interior Girder 4	28.1033	0.95	1	1	3.275445
SU7_serv	BOBJ1	10	28.1033	Before	Interior Girder 5	28.1033	0.95	1	1	3.390231
SU7_serv	BOBJ1	10	28.1033	Before	Interior Girder 6	28.1033	0.95	1	1	3.60818
SU7_serv	BOBJ1	10	28.1033	Before	Right Exterior Girder	28.1033	0.95	1	1	4.834159
SU7_serv	BOBJ1	11	28.1033	After	Left Exterior Girder	28.1033	0.95	1	1	4.784892
SU7_serv	BOBJ1	11	28.1033	After	Interior Girder 1	28.1033	0.95	1	1	3.638305
SU7_serv	BOBJ1	11	28.1033	After	Interior Girder 2	28.1033	0.95	1	1	3.391348
SU7_serv	BOBJ1	11	28.1033	After	Interior Girder 3	28.1033	0.95	1	1	3.249281
SU7_serv	BOBJ1	11	28.1033	After	Interior Girder 4	28.1033	0.95	1	1	3.249281
SU7_serv	BOBJ1	11	28.1033	After	Interior Girder 5	28.1033	0.95	1	1	3.391348
SU7_serv	BOBJ1	11	28.1033	After	Interior Girder 6	28.1033	0.95	1	1	3.638305
SU7_serv	BOBJ1	11	28.1033	After	Right Exterior Girder	28.1033	0.95	1	1	4.784892
SU7_serv	BOBJ1	12	34.08	Before	Left Exterior Girder	34.08	0.95	1	1	3.761
SU7_serv	BOBJ1	12	34.08	Before	Interior Girder 1	34.08	0.95	1	1	3.819412
SU7_serv	BOBJ1	12	34.08	Before	Interior Girder 2	34.08	0.95	1	1	3.833183
SU7_serv	BOBJ1	12	34.08	Before	Interior Girder 3	34.08	0.95	1	1	3.96074
SU7_serv	BOBJ1	12	34.08	Before	Interior Girder 4	34.08	0.95	1	1	3.96074
SU7_serv	BOBJ1	12	34.08	Before	Interior Girder 5	34.08	0.95	1	1	3.833183
SU7_serv	BOBJ1	12	34.08	Before	Interior Girder 6	34.08	0.95	1	1	3.819412
SU7_serv	BOBJ1	12	34.08	Before	Right Exterior Girder	34.08	0.95	1	1	3.761
SU7_serv	BOBJ1	13	34.08	After	Left Exterior Girder	34.08	0.95	1	1	3.796228
SU7_serv	BOBJ1	13	34.08	After	Interior Girder 1	34.08	0.95	1	1	3.783792
SU7_serv	BOBJ1	13	34.08	After	Interior Girder 2	34.08	0.95	1	1	3.808241
SU7_serv	BOBJ1	13	34.08	After	Interior Girder 3	34.08	0.95	1	1	3.961289
SU7_serv	BOBJ1	13	34.08	After	Interior Girder 4	34.08	0.95	1	1	3.961289
SU7_serv	BOBJ1	13	34.08	After	Interior Girder 5	34.08	0.95	1	1	3.808241
SU7_serv	BOBJ1	13	34.08	After	Interior Girder 6	34.08	0.95	1	1	3.783792
SU7_serv	BOBJ1	13	34.08	After	Right Exterior Girder	34.08	0.95	1	1	3.796228
SU7_serv	BOBJ1	14	39.855	Before	Left Exterior Girder	39.855	0.95	1	1	2.565827
SU7_serv	BOBJ1	14	39.855	Before	Interior Girder 1	39.855	0.95	1	1	2.893663
SU7_serv	BOBJ1	14	39.855	Before	Interior Girder 2	39.855	0.95	1	1	2.858903
SU7_serv	BOBJ1	14	39.855	Before	Interior Girder 3	39.855	0.95	1	1	2.739776
SU7_serv	BOBJ1	14	39.855	Before	Interior Girder 4	39.855	0.95	1	1	2.739776
SU7_serv	BOBJ1	14	39.855	Before	Interior Girder 5	39.855	0.95	1	1	2.858903
SU7_serv	BOBJ1	14	39.855	Before	Interior Girder 6	39.855	0.95	1	1	2.893663
SU7_serv	BOBJ1	14	39.855	Before	Right Exterior Girder	39.855	0.95	1	1	2.565827
SU7_serv	BOBJ1	15	39.855	After	Left Exterior Girder	39.855	0.95	1	1	2.610041
SU7_serv	BOBJ1	15	39.855	After	Interior Girder 1	39.855	0.95	1	1	2.854368
SU7_serv	BOBJ1	15	39.855	After	Interior Girder 2	39.855	0.95	1	1	2.823191
SU7_serv	BOBJ1	15	39.855	After	Interior Girder 3	39.855	0.95	1	1	2.72443
SU7_serv	BOBJ1	15	39.855	After	Interior Girder 4	39.855	0.95	1	1	2.72443
SU7_serv	BOBJ1	15	39.855	After	Interior Girder 5	39.855	0.95	1	1	2.823191
SU7_serv	BOBJ1	15	39.855	After	Interior Girder 6	39.855	0.95	1	1	2.854368
SU7_serv	BOBJ1	15	39.855	After	Right Exterior Girder	39.855	0.95	1	1	2.610041
SU7_serv	BOBJ1	16	40.0288	Before	Left Exterior Girder	40.0288	0.95	1	1	2.563545
SU7_serv	BOBJ1	16	40.0288	Before	Right Exterior Girder	40.0288	0.95	1	1	2.563545
SU7_serv	BOBJ1	17	40.0288	After	Left Exterior Girder	40.0288	0.95	1	1	3.682949
SU7_serv	BOBJ1	17	40.0288	After	Right Exterior Girder	40.0288	0.95	1	1	3.682949
SU7_serv	BOBJ1	18	45.63	Before	Left Exterior Girder	45.63	0.95	1	1	2.516207
SU7_serv	BOBJ1	18	45.63	Before	Interior Girder 1	45.63	0.95	1	1	2.09396
SU7_serv	BOBJ1	18	45.63	Before	Interior Girder 2	45.63	0.95	1	1	2.063884
SU7_serv	BOBJ1	18	45.63	Before	Interior Girder 3	45.63	0.95	1	1	1.79254
SU7_serv	BOBJ1	18	45.63	Before	Interior Girder 4	45.63	0.95	1	1	1.79254

TABLE: Bridge Super Rating AASHTORATE18 31 - SteelICompServ-Flx - Approach, Span 16-19										
Request	BridgeObj	BridgeCut	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	Unitless	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
SU7_serv	BOBJ1	18	45.63	Before	Interior Girder 5	45.63	0.95	1	1	2.063884
SU7_serv	BOBJ1	18	45.63	Before	Interior Girder 6	45.63	0.95	1	1	2.09396
SU7_serv	BOBJ1	18	45.63	Before	Right Exterior Girder	45.63	0.95	1	1	2.516207
SU7_serv	BOBJ1	19	45.63	After	Left Exterior Girder	0	0.95	1	1	2.508586
SU7_serv	BOBJ1	19	45.63	After	Interior Girder 1	0	0.95	1	1	1.894058
SU7_serv	BOBJ1	19	45.63	After	Interior Girder 2	0	0.95	1	1	1.839259
SU7_serv	BOBJ1	19	45.63	After	Interior Girder 3	0	0.95	1	1	1.545647
SU7_serv	BOBJ1	19	45.63	After	Interior Girder 4	0	0.95	1	1	1.545647
SU7_serv	BOBJ1	19	45.63	After	Interior Girder 5	0	0.95	1	1	1.839259
SU7_serv	BOBJ1	19	45.63	After	Interior Girder 6	0	0.95	1	1	1.894058
SU7_serv	BOBJ1	19	45.63	After	Right Exterior Girder	0	0.95	1	1	2.508586
SU7_serv	BOBJ1	20	50.6298	Before	Left Exterior Girder	4.9998	0.95	1	1	6.389068
SU7_serv	BOBJ1	20	50.6298	Before	Right Exterior Girder	4.9998	0.95	1	1	6.389068
SU7_serv	BOBJ1	21	50.6298	After	Left Exterior Girder	4.9998	0.95	1	1	4.233348
SU7_serv	BOBJ1	21	50.6298	After	Right Exterior Girder	4.9998	0.95	1	1	4.233348
SU7_serv	BOBJ1	22	51.4	Before	Left Exterior Girder	5.77	0.95	1	1	4.989755
SU7_serv	BOBJ1	22	51.4	Before	Interior Girder 1	5.77	0.95	1	1	4.906043
SU7_serv	BOBJ1	22	51.4	Before	Interior Girder 2	5.77	0.95	1	1	4.539923
SU7_serv	BOBJ1	22	51.4	Before	Interior Girder 3	5.77	0.95	1	1	4.204723
SU7_serv	BOBJ1	22	51.4	Before	Interior Girder 4	5.77	0.95	1	1	4.204723
SU7_serv	BOBJ1	22	51.4	Before	Interior Girder 5	5.77	0.95	1	1	4.539923
SU7_serv	BOBJ1	22	51.4	Before	Interior Girder 6	5.77	0.95	1	1	4.906043
SU7_serv	BOBJ1	22	51.4	Before	Right Exterior Girder	5.77	0.95	1	1	4.989755
SU7_serv	BOBJ1	23	51.4	After	Left Exterior Girder	5.77	0.95	1	1	4.896486
SU7_serv	BOBJ1	23	51.4	After	Interior Girder 1	5.77	0.95	1	1	4.991664
SU7_serv	BOBJ1	23	51.4	After	Interior Girder 2	5.77	0.95	1	1	4.589341
SU7_serv	BOBJ1	23	51.4	After	Interior Girder 3	5.77	0.95	1	1	4.244428
SU7_serv	BOBJ1	23	51.4	After	Interior Girder 4	5.77	0.95	1	1	4.244428
SU7_serv	BOBJ1	23	51.4	After	Interior Girder 5	5.77	0.95	1	1	4.589341
SU7_serv	BOBJ1	23	51.4	After	Interior Girder 6	5.77	0.95	1	1	4.991664
SU7_serv	BOBJ1	23	51.4	After	Right Exterior Girder	5.77	0.95	1	1	4.896486
SU7_serv	BOBJ1	24	57.17	Before	Left Exterior Girder	11.54	0.95	1	1	7.133315
SU7_serv	BOBJ1	24	57.17	Before	Interior Girder 1	11.54	0.95	1	1	6.665772
SU7_serv	BOBJ1	24	57.17	Before	Interior Girder 2	11.54	0.95	1	1	6.209637
SU7_serv	BOBJ1	24	57.17	Before	Interior Girder 3	11.54	0.95	1	1	6.136905
SU7_serv	BOBJ1	24	57.17	Before	Interior Girder 4	11.54	0.95	1	1	6.136905
SU7_serv	BOBJ1	24	57.17	Before	Interior Girder 5	11.54	0.95	1	1	6.209637
SU7_serv	BOBJ1	24	57.17	Before	Interior Girder 6	11.54	0.95	1	1	6.665772
SU7_serv	BOBJ1	24	57.17	Before	Right Exterior Girder	11.54	0.95	1	1	7.133315
SU7_serv	BOBJ1	25	57.17	After	Left Exterior Girder	11.54	0.95	1	1	7.072991
SU7_serv	BOBJ1	25	57.17	After	Interior Girder 1	11.54	0.95	1	1	6.710562
SU7_serv	BOBJ1	25	57.17	After	Interior Girder 2	11.54	0.95	1	1	6.303601
SU7_serv	BOBJ1	25	57.17	After	Interior Girder 3	11.54	0.95	1	1	6.26351
SU7_serv	BOBJ1	25	57.17	After	Interior Girder 4	11.54	0.95	1	1	6.26351
SU7_serv	BOBJ1	25	57.17	After	Interior Girder 5	11.54	0.95	1	1	6.303601
SU7_serv	BOBJ1	25	57.17	After	Interior Girder 6	11.54	0.95	1	1	6.710562
SU7_serv	BOBJ1	25	57.17	After	Right Exterior Girder	11.54	0.95	1	1	7.072991
SU7_serv	BOBJ1	26	63.34	Before	Left Exterior Girder	17.71	0.95	1	1	4.607938
SU7_serv	BOBJ1	26	63.34	Before	Interior Girder 1	17.71	0.95	1	1	3.592826
SU7_serv	BOBJ1	26	63.34	Before	Interior Girder 2	17.71	0.95	1	1	3.350036
SU7_serv	BOBJ1	26	63.34	Before	Interior Girder 3	17.71	0.95	1	1	3.229526
SU7_serv	BOBJ1	26	63.34	Before	Interior Girder 4	17.71	0.95	1	1	3.229526
SU7_serv	BOBJ1	26	63.34	Before	Interior Girder 5	17.71	0.95	1	1	3.350036
SU7_serv	BOBJ1	26	63.34	Before	Interior Girder 6	17.71	0.95	1	1	3.592826
SU7_serv	BOBJ1	26	63.34	Before	Right Exterior Girder	17.71	0.95	1	1	4.607938
SU7_serv	BOBJ1	27	63.34	After	Left Exterior Girder	17.71	0.95	1	1	4.729277
SU7_serv	BOBJ1	27	63.34	After	Interior Girder 1	17.71	0.95	1	1	3.53624
SU7_serv	BOBJ1	27	63.34	After	Interior Girder 2	17.71	0.95	1	1	3.337976
SU7_serv	BOBJ1	27	63.34	After	Interior Girder 3	17.71	0.95	1	1	3.268332
SU7_serv	BOBJ1	27	63.34	After	Interior Girder 4	17.71	0.95	1	1	3.268332
SU7_serv	BOBJ1	27	63.34	After	Interior Girder 5	17.71	0.95	1	1	3.337976
SU7_serv	BOBJ1	27	63.34	After	Interior Girder 6	17.71	0.95	1	1	3.53624
SU7_serv	BOBJ1	27	63.34	After	Right Exterior Girder	17.71	0.95	1	1	4.729277
SU7_serv	BOBJ1	28	69.51	Before	Left Exterior Girder	23.88	0.95	1	1	3.009102
SU7_serv	BOBJ1	28	69.51	Before	Interior Girder 1	23.88	0.95	1	1	2.587495
SU7_serv	BOBJ1	28	69.51	Before	Interior Girder 2	23.88	0.95	1	1	2.480132
SU7_serv	BOBJ1	28	69.51	Before	Interior Girder 3	23.88	0.95	1	1	2.439265
SU7_serv	BOBJ1	28	69.51	Before	Interior Girder 4	23.88	0.95	1	1	2.439265
SU7_serv	BOBJ1	28	69.51	Before	Interior Girder 5	23.88	0.95	1	1	2.480132
SU7_serv	BOBJ1	28	69.51	Before	Interior Girder 6	23.88	0.95	1	1	2.587495
SU7_serv	BOBJ1	28	69.51	Before	Right Exterior Girder	23.88	0.95	1	1	3.009102
SU7_serv	BOBJ1	29	69.51	After	Left Exterior Girder	23.88	0.95	1	1	3.024498
SU7_serv	BOBJ1	29	69.51	After	Interior Girder 1	23.88	0.95	1	1	2.584874

TABLE: Bridge Super Rating AASHTORATE18 31 - SteelICompServ-Flx - Approach, Span 16-19										
Request	BridgeObj	BridgeCut	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	Unitless	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
SU7_serv	BOBJ1	29	69.51	After	Interior Girder 2	23.88	0.95	1	1	2.490677
SU7_serv	BOBJ1	29	69.51	After	Interior Girder 3	23.88	0.95	1	1	2.458017
SU7_serv	BOBJ1	29	69.51	After	Interior Girder 4	23.88	0.95	1	1	2.458017
SU7_serv	BOBJ1	29	69.51	After	Interior Girder 5	23.88	0.95	1	1	2.490677
SU7_serv	BOBJ1	29	69.51	After	Interior Girder 6	23.88	0.95	1	1	2.584874
SU7_serv	BOBJ1	29	69.51	After	Right Exterior Girder	23.88	0.95	1	1	3.024498
SU7_serv	BOBJ1	30	75.68	Before	Left Exterior Girder	30.05	0.95	1	1	2.329082
SU7_serv	BOBJ1	30	75.68	Before	Interior Girder 1	30.05	0.95	1	1	2.34831
SU7_serv	BOBJ1	30	75.68	Before	Interior Girder 2	30.05	0.95	1	1	2.281395
SU7_serv	BOBJ1	30	75.68	Before	Interior Girder 3	30.05	0.95	1	1	2.311057
SU7_serv	BOBJ1	30	75.68	Before	Interior Girder 4	30.05	0.95	1	1	2.311057
SU7_serv	BOBJ1	30	75.68	Before	Interior Girder 5	30.05	0.95	1	1	2.281395
SU7_serv	BOBJ1	30	75.68	Before	Interior Girder 6	30.05	0.95	1	1	2.34831
SU7_serv	BOBJ1	30	75.68	Before	Right Exterior Girder	30.05	0.95	1	1	2.329082
SU7_serv	BOBJ1	31	75.68	After	Left Exterior Girder	30.05	0.95	1	1	2.343763
SU7_serv	BOBJ1	31	75.68	After	Interior Girder 1	30.05	0.95	1	1	2.338503
SU7_serv	BOBJ1	31	75.68	After	Interior Girder 2	30.05	0.95	1	1	2.280307
SU7_serv	BOBJ1	31	75.68	After	Interior Girder 3	30.05	0.95	1	1	2.314535
SU7_serv	BOBJ1	31	75.68	After	Interior Girder 4	30.05	0.95	1	1	2.314535
SU7_serv	BOBJ1	31	75.68	After	Interior Girder 5	30.05	0.95	1	1	2.280307
SU7_serv	BOBJ1	31	75.68	After	Interior Girder 6	30.05	0.95	1	1	2.338503
SU7_serv	BOBJ1	31	75.68	After	Right Exterior Girder	30.05	0.95	1	1	2.343763
SU7_serv	BOBJ1	32	81.8467	Before	Left Exterior Girder	36.2167	0.95	1	1	2.438098
SU7_serv	BOBJ1	32	81.8467	Before	Interior Girder 1	36.2167	0.95	1	1	2.172294
SU7_serv	BOBJ1	32	81.8467	Before	Interior Girder 2	36.2167	0.95	1	1	2.129889
SU7_serv	BOBJ1	32	81.8467	Before	Interior Girder 3	36.2167	0.95	1	1	2.109349
SU7_serv	BOBJ1	32	81.8467	Before	Interior Girder 4	36.2167	0.95	1	1	2.109349
SU7_serv	BOBJ1	32	81.8467	Before	Interior Girder 5	36.2167	0.95	1	1	2.129889
SU7_serv	BOBJ1	32	81.8467	Before	Interior Girder 6	36.2167	0.95	1	1	2.172294
SU7_serv	BOBJ1	32	81.8467	Before	Right Exterior Girder	36.2167	0.95	1	1	2.438098
SU7_serv	BOBJ1	33	81.8467	After	Left Exterior Girder	36.2167	0.95	1	1	2.447412
SU7_serv	BOBJ1	33	81.8467	After	Interior Girder 1	36.2167	0.95	1	1	2.165153
SU7_serv	BOBJ1	33	81.8467	After	Interior Girder 2	36.2167	0.95	1	1	2.122432
SU7_serv	BOBJ1	33	81.8467	After	Interior Girder 3	36.2167	0.95	1	1	2.102759
SU7_serv	BOBJ1	33	81.8467	After	Interior Girder 4	36.2167	0.95	1	1	2.102759
SU7_serv	BOBJ1	33	81.8467	After	Interior Girder 5	36.2167	0.95	1	1	2.122432
SU7_serv	BOBJ1	33	81.8467	After	Interior Girder 6	36.2167	0.95	1	1	2.165153
SU7_serv	BOBJ1	33	81.8467	After	Right Exterior Girder	36.2167	0.95	1	1	2.447412
SU7_serv	BOBJ1	34	88.0133	Before	Left Exterior Girder	42.3833	0.95	1	1	2.902985
SU7_serv	BOBJ1	34	88.0133	Before	Interior Girder 1	42.3833	0.95	1	1	2.459863
SU7_serv	BOBJ1	34	88.0133	Before	Interior Girder 2	42.3833	0.95	1	1	2.389305
SU7_serv	BOBJ1	34	88.0133	Before	Interior Girder 3	42.3833	0.95	1	1	2.363387
SU7_serv	BOBJ1	34	88.0133	Before	Interior Girder 4	42.3833	0.95	1	1	2.363387
SU7_serv	BOBJ1	34	88.0133	Before	Interior Girder 5	42.3833	0.95	1	1	2.389305
SU7_serv	BOBJ1	34	88.0133	Before	Interior Girder 6	42.3833	0.95	1	1	2.459863
SU7_serv	BOBJ1	34	88.0133	Before	Right Exterior Girder	42.3833	0.95	1	1	2.902985
SU7_serv	BOBJ1	35	88.0133	After	Left Exterior Girder	42.3833	0.95	1	1	2.851658
SU7_serv	BOBJ1	35	88.0133	After	Interior Girder 1	42.3833	0.95	1	1	2.487901
SU7_serv	BOBJ1	35	88.0133	After	Interior Girder 2	42.3833	0.95	1	1	2.400852
SU7_serv	BOBJ1	35	88.0133	After	Interior Girder 3	42.3833	0.95	1	1	2.353425
SU7_serv	BOBJ1	35	88.0133	After	Interior Girder 4	42.3833	0.95	1	1	2.353425
SU7_serv	BOBJ1	35	88.0133	After	Interior Girder 5	42.3833	0.95	1	1	2.400852
SU7_serv	BOBJ1	35	88.0133	After	Interior Girder 6	42.3833	0.95	1	1	2.487901
SU7_serv	BOBJ1	35	88.0133	After	Right Exterior Girder	42.3833	0.95	1	1	2.851658
SU7_serv	BOBJ1	36	94.18	Before	Left Exterior Girder	48.55	0.95	1	1	3.833491
SU7_serv	BOBJ1	36	94.18	Before	Interior Girder 1	48.55	0.95	1	1	3.594007
SU7_serv	BOBJ1	36	94.18	Before	Interior Girder 2	48.55	0.95	1	1	3.334082
SU7_serv	BOBJ1	36	94.18	Before	Interior Girder 3	48.55	0.95	1	1	3.338442
SU7_serv	BOBJ1	36	94.18	Before	Interior Girder 4	48.55	0.95	1	1	3.338442
SU7_serv	BOBJ1	36	94.18	Before	Interior Girder 5	48.55	0.95	1	1	3.334082
SU7_serv	BOBJ1	36	94.18	Before	Interior Girder 6	48.55	0.95	1	1	3.594007
SU7_serv	BOBJ1	36	94.18	Before	Right Exterior Girder	48.55	0.95	1	1	3.833491
SU7_serv	BOBJ1	37	94.18	After	Left Exterior Girder	48.55	0.95	1	1	3.766121
SU7_serv	BOBJ1	37	94.18	After	Interior Girder 1	48.55	0.95	1	1	3.629424
SU7_serv	BOBJ1	37	94.18	After	Interior Girder 2	48.55	0.95	1	1	3.338247
SU7_serv	BOBJ1	37	94.18	After	Interior Girder 3	48.55	0.95	1	1	3.29777
SU7_serv	BOBJ1	37	94.18	After	Interior Girder 4	48.55	0.95	1	1	3.29777
SU7_serv	BOBJ1	37	94.18	After	Interior Girder 5	48.55	0.95	1	1	3.338247
SU7_serv	BOBJ1	37	94.18	After	Interior Girder 6	48.55	0.95	1	1	3.629424
SU7_serv	BOBJ1	37	94.18	After	Right Exterior Girder	48.55	0.95	1	1	3.766121
SU7_serv	BOBJ1	38	100.3567	Before	Left Exterior Girder	54.7267	0.95	1	1	5.915917
SU7_serv	BOBJ1	38	100.3567	Before	Interior Girder 1	54.7267	0.95	1	1	5.683449
SU7_serv	BOBJ1	38	100.3567	Before	Interior Girder 2	54.7267	0.95	1	1	5.196061

TABLE: Bridge Super Rating AASHTORATE18 31 - SteelICompServ-Flx - Approach, Span 16-19										
Request	BridgeObj	BridgeCut	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	Unitless	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
SU7_serv	BOBJ1	38	100.3567	Before	Interior Girder 3	54.7267	0.95	1	1	5.132815
SU7_serv	BOBJ1	38	100.3567	Before	Interior Girder 4	54.7267	0.95	1	1	5.132815
SU7_serv	BOBJ1	38	100.3567	Before	Interior Girder 5	54.7267	0.95	1	1	5.196061
SU7_serv	BOBJ1	38	100.3567	Before	Interior Girder 6	54.7267	0.95	1	1	5.683449
SU7_serv	BOBJ1	38	100.3567	Before	Right Exterior Girder	54.7267	0.95	1	1	5.915917
SU7_serv	BOBJ1	39	100.3567	After	Left Exterior Girder	54.7267	0.95	1	1	5.987704
SU7_serv	BOBJ1	39	100.3567	After	Interior Girder 1	54.7267	0.95	1	1	5.671514
SU7_serv	BOBJ1	39	100.3567	After	Interior Girder 2	54.7267	0.95	1	1	5.145825
SU7_serv	BOBJ1	39	100.3567	After	Interior Girder 3	54.7267	0.95	1	1	4.942234
SU7_serv	BOBJ1	39	100.3567	After	Interior Girder 4	54.7267	0.95	1	1	4.942234
SU7_serv	BOBJ1	39	100.3567	After	Interior Girder 5	54.7267	0.95	1	1	5.145825
SU7_serv	BOBJ1	39	100.3567	After	Interior Girder 6	54.7267	0.95	1	1	5.671514
SU7_serv	BOBJ1	39	100.3567	After	Right Exterior Girder	54.7267	0.95	1	1	5.987704
SU7_serv	BOBJ1	40	106.5333	Before	Left Exterior Girder	60.9033	0.95	1	1	4.108935
SU7_serv	BOBJ1	40	106.5333	Before	Interior Girder 1	60.9033	0.95	1	1	4.27809
SU7_serv	BOBJ1	40	106.5333	Before	Interior Girder 2	60.9033	0.95	1	1	4.009196
SU7_serv	BOBJ1	40	106.5333	Before	Interior Girder 3	60.9033	0.95	1	1	3.796009
SU7_serv	BOBJ1	40	106.5333	Before	Interior Girder 4	60.9033	0.95	1	1	3.796009
SU7_serv	BOBJ1	40	106.5333	Before	Interior Girder 5	60.9033	0.95	1	1	4.009196
SU7_serv	BOBJ1	40	106.5333	Before	Interior Girder 6	60.9033	0.95	1	1	4.27809
SU7_serv	BOBJ1	40	106.5333	Before	Right Exterior Girder	60.9033	0.95	1	1	4.108935
SU7_serv	BOBJ1	41	106.5333	After	Left Exterior Girder	60.9033	0.95	1	1	4.19504
SU7_serv	BOBJ1	41	106.5333	After	Interior Girder 1	60.9033	0.95	1	1	4.180689
SU7_serv	BOBJ1	41	106.5333	After	Interior Girder 2	60.9033	0.95	1	1	3.930829
SU7_serv	BOBJ1	41	106.5333	After	Interior Girder 3	60.9033	0.95	1	1	3.722506
SU7_serv	BOBJ1	41	106.5333	After	Interior Girder 4	60.9033	0.95	1	1	3.722506
SU7_serv	BOBJ1	41	106.5333	After	Interior Girder 5	60.9033	0.95	1	1	3.930829
SU7_serv	BOBJ1	41	106.5333	After	Interior Girder 6	60.9033	0.95	1	1	4.180689
SU7_serv	BOBJ1	41	106.5333	After	Right Exterior Girder	60.9033	0.95	1	1	4.19504
SU7_serv	BOBJ1	42	108.2102	Before	Left Exterior Girder	62.5802	0.95	1	1	3.638089
SU7_serv	BOBJ1	42	108.2102	Before	Right Exterior Girder	62.5802	0.95	1	1	3.638089
SU7_serv	BOBJ1	43	108.2102	After	Left Exterior Girder	62.5802	0.95	1	1	5.324667
SU7_serv	BOBJ1	43	108.2102	After	Right Exterior Girder	62.5802	0.95	1	1	5.324667
SU7_serv	BOBJ1	44	112.71	Before	Left Exterior Girder	67.08	0.95	1	1	2.738416
SU7_serv	BOBJ1	44	112.71	Before	Interior Girder 1	67.08	0.95	1	1	1.95455
SU7_serv	BOBJ1	44	112.71	Before	Interior Girder 2	67.08	0.95	1	1	1.885088
SU7_serv	BOBJ1	44	112.71	Before	Interior Girder 3	67.08	0.95	1	1	1.615614
SU7_serv	BOBJ1	44	112.71	Before	Interior Girder 4	67.08	0.95	1	1	1.615614
SU7_serv	BOBJ1	44	112.71	Before	Interior Girder 5	67.08	0.95	1	1	1.885088
SU7_serv	BOBJ1	44	112.71	Before	Interior Girder 6	67.08	0.95	1	1	1.95455
SU7_serv	BOBJ1	44	112.71	Before	Right Exterior Girder	67.08	0.95	1	1	2.738416
SU7_serv	BOBJ1	45	112.71	After	Left Exterior Girder	0	0.95	1	1	2.760624
SU7_serv	BOBJ1	45	112.71	After	Interior Girder 1	0	0.95	1	1	2.209032
SU7_serv	BOBJ1	45	112.71	After	Interior Girder 2	0	0.95	1	1	2.05216
SU7_serv	BOBJ1	45	112.71	After	Interior Girder 3	0	0.95	1	1	1.771706
SU7_serv	BOBJ1	45	112.71	After	Interior Girder 4	0	0.95	1	1	1.771706
SU7_serv	BOBJ1	45	112.71	After	Interior Girder 5	0	0.95	1	1	2.05216
SU7_serv	BOBJ1	45	112.71	After	Interior Girder 6	0	0.95	1	1	2.209032
SU7_serv	BOBJ1	45	112.71	After	Right Exterior Girder	0	0.95	1	1	2.760624
SU7_serv	BOBJ1	46	117.21	Before	Left Exterior Girder	4.5	0.95	1	1	3.685511
SU7_serv	BOBJ1	46	117.21	Before	Right Exterior Girder	4.5	0.95	1	1	3.685511
SU7_serv	BOBJ1	47	117.21	After	Left Exterior Girder	4.5	0.95	1	1	2.509071
SU7_serv	BOBJ1	47	117.21	After	Right Exterior Girder	4.5	0.95	1	1	2.509071
SU7_serv	BOBJ1	48	119.1	Before	Left Exterior Girder	6.39	0.95	1	1	2.914551
SU7_serv	BOBJ1	48	119.1	Before	Interior Girder 1	6.39	0.95	1	1	3.078549
SU7_serv	BOBJ1	48	119.1	Before	Interior Girder 2	6.39	0.95	1	1	3.023682
SU7_serv	BOBJ1	48	119.1	Before	Interior Girder 3	6.39	0.95	1	1	2.938471
SU7_serv	BOBJ1	48	119.1	Before	Interior Girder 4	6.39	0.95	1	1	2.938471
SU7_serv	BOBJ1	48	119.1	Before	Interior Girder 5	6.39	0.95	1	1	3.023682
SU7_serv	BOBJ1	48	119.1	Before	Interior Girder 6	6.39	0.95	1	1	3.078549
SU7_serv	BOBJ1	48	119.1	Before	Right Exterior Girder	6.39	0.95	1	1	2.914551
SU7_serv	BOBJ1	49	119.1	After	Left Exterior Girder	6.39	0.95	1	1	2.867005
SU7_serv	BOBJ1	49	119.1	After	Interior Girder 1	6.39	0.95	1	1	3.129498
SU7_serv	BOBJ1	49	119.1	After	Interior Girder 2	6.39	0.95	1	1	3.062243
SU7_serv	BOBJ1	49	119.1	After	Interior Girder 3	6.39	0.95	1	1	2.954956
SU7_serv	BOBJ1	49	119.1	After	Interior Girder 4	6.39	0.95	1	1	2.954956
SU7_serv	BOBJ1	49	119.1	After	Interior Girder 5	6.39	0.95	1	1	3.062243
SU7_serv	BOBJ1	49	119.1	After	Interior Girder 6	6.39	0.95	1	1	3.129498
SU7_serv	BOBJ1	49	119.1	After	Right Exterior Girder	6.39	0.95	1	1	2.867005
SU7_serv	BOBJ1	50	125.49	Before	Left Exterior Girder	12.78	0.95	1	1	4.235438
SU7_serv	BOBJ1	50	125.49	Before	Interior Girder 1	12.78	0.95	1	1	4.187542
SU7_serv	BOBJ1	50	125.49	Before	Interior Girder 2	12.78	0.95	1	1	4.198965
SU7_serv	BOBJ1	50	125.49	Before	Interior Girder 3	12.78	0.95	1	1	4.254252

TABLE: Bridge Super Rating AASHTORATE18 31 - SteelICompServ-Flx - Approach, Span 16-19										
Request	BridgeObj	BridgeCut	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	Unitless	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
SU7_serv	BOBJ1	50	125.49	Before	Interior Girder 4	12.78	0.95	1	1	4.254252
SU7_serv	BOBJ1	50	125.49	Before	Interior Girder 5	12.78	0.95	1	1	4.198965
SU7_serv	BOBJ1	50	125.49	Before	Interior Girder 6	12.78	0.95	1	1	4.187542
SU7_serv	BOBJ1	50	125.49	Before	Right Exterior Girder	12.78	0.95	1	1	4.235438
SU7_serv	BOBJ1	51	125.49	After	Left Exterior Girder	12.78	0.95	1	1	4.192292
SU7_serv	BOBJ1	51	125.49	After	Interior Girder 1	12.78	0.95	1	1	4.23688
SU7_serv	BOBJ1	51	125.49	After	Interior Girder 2	12.78	0.95	1	1	4.231277
SU7_serv	BOBJ1	51	125.49	After	Interior Girder 3	12.78	0.95	1	1	4.263873
SU7_serv	BOBJ1	51	125.49	After	Interior Girder 4	12.78	0.95	1	1	4.263873
SU7_serv	BOBJ1	51	125.49	After	Interior Girder 5	12.78	0.95	1	1	4.231277
SU7_serv	BOBJ1	51	125.49	After	Interior Girder 6	12.78	0.95	1	1	4.23688
SU7_serv	BOBJ1	51	125.49	After	Right Exterior Girder	12.78	0.95	1	1	4.192292
SU7_serv	BOBJ1	52	131.88	Before	Left Exterior Girder	19.17	0.95	1	1	4.051182
SU7_serv	BOBJ1	52	131.88	Before	Interior Girder 1	19.17	0.95	1	1	3.8973
SU7_serv	BOBJ1	52	131.88	Before	Interior Girder 2	19.17	0.95	1	1	3.554581
SU7_serv	BOBJ1	52	131.88	Before	Interior Girder 3	19.17	0.95	1	1	3.47541
SU7_serv	BOBJ1	52	131.88	Before	Interior Girder 4	19.17	0.95	1	1	3.47541
SU7_serv	BOBJ1	52	131.88	Before	Interior Girder 5	19.17	0.95	1	1	3.554581
SU7_serv	BOBJ1	52	131.88	Before	Interior Girder 6	19.17	0.95	1	1	3.8973
SU7_serv	BOBJ1	52	131.88	Before	Right Exterior Girder	19.17	0.95	1	1	4.051182
SU7_serv	BOBJ1	53	131.88	After	Left Exterior Girder	19.17	0.95	1	1	4.084932
SU7_serv	BOBJ1	53	131.88	After	Interior Girder 1	19.17	0.95	1	1	3.879031
SU7_serv	BOBJ1	53	131.88	After	Interior Girder 2	19.17	0.95	1	1	3.557322
SU7_serv	BOBJ1	53	131.88	After	Interior Girder 3	19.17	0.95	1	1	3.512318
SU7_serv	BOBJ1	53	131.88	After	Interior Girder 4	19.17	0.95	1	1	3.512318
SU7_serv	BOBJ1	53	131.88	After	Interior Girder 5	19.17	0.95	1	1	3.557322
SU7_serv	BOBJ1	53	131.88	After	Interior Girder 6	19.17	0.95	1	1	3.879031
SU7_serv	BOBJ1	53	131.88	After	Right Exterior Girder	19.17	0.95	1	1	4.084932
SU7_serv	BOBJ1	54	138.27	Before	Left Exterior Girder	25.56	0.95	1	1	3.627222
SU7_serv	BOBJ1	54	138.27	Before	Interior Girder 1	25.56	0.95	1	1	3.035651
SU7_serv	BOBJ1	54	138.27	Before	Interior Girder 2	25.56	0.95	1	1	2.858374
SU7_serv	BOBJ1	54	138.27	Before	Interior Girder 3	25.56	0.95	1	1	2.752401
SU7_serv	BOBJ1	54	138.27	Before	Interior Girder 4	25.56	0.95	1	1	2.752401
SU7_serv	BOBJ1	54	138.27	Before	Interior Girder 5	25.56	0.95	1	1	2.858374
SU7_serv	BOBJ1	54	138.27	Before	Interior Girder 6	25.56	0.95	1	1	3.035651
SU7_serv	BOBJ1	54	138.27	Before	Right Exterior Girder	25.56	0.95	1	1	3.627222
SU7_serv	BOBJ1	55	138.27	After	Left Exterior Girder	25.56	0.95	1	1	3.670367
SU7_serv	BOBJ1	55	138.27	After	Interior Girder 1	25.56	0.95	1	1	3.013649
SU7_serv	BOBJ1	55	138.27	After	Interior Girder 2	25.56	0.95	1	1	2.843772
SU7_serv	BOBJ1	55	138.27	After	Interior Girder 3	25.56	0.95	1	1	2.755177
SU7_serv	BOBJ1	55	138.27	After	Interior Girder 4	25.56	0.95	1	1	2.755177
SU7_serv	BOBJ1	55	138.27	After	Interior Girder 5	25.56	0.95	1	1	2.843772
SU7_serv	BOBJ1	55	138.27	After	Interior Girder 6	25.56	0.95	1	1	3.013649
SU7_serv	BOBJ1	55	138.27	After	Right Exterior Girder	25.56	0.95	1	1	3.670367
SU7_serv	BOBJ1	56	144.66	Before	Left Exterior Girder	31.95	0.95	1	1	3.752145
SU7_serv	BOBJ1	56	144.66	Before	Interior Girder 1	31.95	0.95	1	1	3.040023
SU7_serv	BOBJ1	56	144.66	Before	Interior Girder 2	31.95	0.95	1	1	2.869063
SU7_serv	BOBJ1	56	144.66	Before	Interior Girder 3	31.95	0.95	1	1	2.778637
SU7_serv	BOBJ1	56	144.66	Before	Interior Girder 4	31.95	0.95	1	1	2.778637
SU7_serv	BOBJ1	56	144.66	Before	Interior Girder 5	31.95	0.95	1	1	2.869063
SU7_serv	BOBJ1	56	144.66	Before	Interior Girder 6	31.95	0.95	1	1	3.040023
SU7_serv	BOBJ1	56	144.66	Before	Right Exterior Girder	31.95	0.95	1	1	3.752145
SU7_serv	BOBJ1	57	144.66	After	Left Exterior Girder	31.95	0.95	1	1	3.701669
SU7_serv	BOBJ1	57	144.66	After	Interior Girder 1	31.95	0.95	1	1	3.067614
SU7_serv	BOBJ1	57	144.66	After	Interior Girder 2	31.95	0.95	1	1	2.882581
SU7_serv	BOBJ1	57	144.66	After	Interior Girder 3	31.95	0.95	1	1	2.77336
SU7_serv	BOBJ1	57	144.66	After	Interior Girder 4	31.95	0.95	1	1	2.77336
SU7_serv	BOBJ1	57	144.66	After	Interior Girder 5	31.95	0.95	1	1	2.882581
SU7_serv	BOBJ1	57	144.66	After	Interior Girder 6	31.95	0.95	1	1	3.067614
SU7_serv	BOBJ1	57	144.66	After	Right Exterior Girder	31.95	0.95	1	1	3.701669
SU7_serv	BOBJ1	58	151.05	Before	Left Exterior Girder	38.34	0.95	1	1	4.353343
SU7_serv	BOBJ1	58	151.05	Before	Interior Girder 1	38.34	0.95	1	1	4.01039
SU7_serv	BOBJ1	58	151.05	Before	Interior Girder 2	38.34	0.95	1	1	3.667075
SU7_serv	BOBJ1	58	151.05	Before	Interior Girder 3	38.34	0.95	1	1	3.615628
SU7_serv	BOBJ1	58	151.05	Before	Interior Girder 4	38.34	0.95	1	1	3.615628
SU7_serv	BOBJ1	58	151.05	Before	Interior Girder 5	38.34	0.95	1	1	3.667075
SU7_serv	BOBJ1	58	151.05	Before	Interior Girder 6	38.34	0.95	1	1	4.01039
SU7_serv	BOBJ1	58	151.05	Before	Right Exterior Girder	38.34	0.95	1	1	4.353343
SU7_serv	BOBJ1	59	151.05	After	Left Exterior Girder	38.34	0.95	1	1	4.306682
SU7_serv	BOBJ1	59	151.05	After	Interior Girder 1	38.34	0.95	1	1	4.039264
SU7_serv	BOBJ1	59	151.05	After	Interior Girder 2	38.34	0.95	1	1	3.663285
SU7_serv	BOBJ1	59	151.05	After	Interior Girder 3	38.34	0.95	1	1	3.572184
SU7_serv	BOBJ1	59	151.05	After	Interior Girder 4	38.34	0.95	1	1	3.572184

TABLE: Bridge Super Rating AASHTORATE18 31 - SteelICompServ-Flx - Approach, Span 16-19										
Request	BridgeObj	BridgeCut	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	Unitless	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
SU7_serv	BOBJ1	59	151.05	After	Interior Girder 5	38.34	0.95	1	1	3.663285
SU7_serv	BOBJ1	59	151.05	After	Interior Girder 6	38.34	0.95	1	1	4.039264
SU7_serv	BOBJ1	59	151.05	After	Right Exterior Girder	38.34	0.95	1	1	4.306682
SU7_serv	BOBJ1	60	157.4367	Before	Left Exterior Girder	44.7267	0.95	1	1	4.303227
SU7_serv	BOBJ1	60	157.4367	Before	Interior Girder 1	44.7267	0.95	1	1	4.493036
SU7_serv	BOBJ1	60	157.4367	Before	Interior Girder 2	44.7267	0.95	1	1	4.379811
SU7_serv	BOBJ1	60	157.4367	Before	Interior Girder 3	44.7267	0.95	1	1	4.415901
SU7_serv	BOBJ1	60	157.4367	Before	Interior Girder 4	44.7267	0.95	1	1	4.415901
SU7_serv	BOBJ1	60	157.4367	Before	Interior Girder 5	44.7267	0.95	1	1	4.379811
SU7_serv	BOBJ1	60	157.4367	Before	Interior Girder 6	44.7267	0.95	1	1	4.493036
SU7_serv	BOBJ1	60	157.4367	Before	Right Exterior Girder	44.7267	0.95	1	1	4.303227
SU7_serv	BOBJ1	61	157.4367	After	Left Exterior Girder	44.7267	0.95	1	1	4.339937
SU7_serv	BOBJ1	61	157.4367	After	Interior Girder 1	44.7267	0.95	1	1	4.457304
SU7_serv	BOBJ1	61	157.4367	After	Interior Girder 2	44.7267	0.95	1	1	4.360285
SU7_serv	BOBJ1	61	157.4367	After	Interior Girder 3	44.7267	0.95	1	1	4.409834
SU7_serv	BOBJ1	61	157.4367	After	Interior Girder 4	44.7267	0.95	1	1	4.409834
SU7_serv	BOBJ1	61	157.4367	After	Interior Girder 5	44.7267	0.95	1	1	4.360285
SU7_serv	BOBJ1	61	157.4367	After	Interior Girder 6	44.7267	0.95	1	1	4.457304
SU7_serv	BOBJ1	61	157.4367	After	Right Exterior Girder	44.7267	0.95	1	1	4.339937
SU7_serv	BOBJ1	62	158.71	Before	Left Exterior Girder	46	0.95	1	1	4.02048
SU7_serv	BOBJ1	62	158.71	Before	Interior Girder 1	46	0.95	1	1	4.233616
SU7_serv	BOBJ1	62	158.71	Before	Interior Girder 2	46	0.95	1	1	4.098073
SU7_serv	BOBJ1	62	158.71	Before	Interior Girder 3	46	0.95	1	1	4.095507
SU7_serv	BOBJ1	62	158.71	Before	Interior Girder 4	46	0.95	1	1	4.095507
SU7_serv	BOBJ1	62	158.71	Before	Interior Girder 5	46	0.95	1	1	4.098073
SU7_serv	BOBJ1	62	158.71	Before	Interior Girder 6	46	0.95	1	1	4.233616
SU7_serv	BOBJ1	62	158.71	Before	Right Exterior Girder	46	0.95	1	1	4.02048
SU7_serv	BOBJ1	63	158.71	After	Left Exterior Girder	46	0.95	1	1	5.481032
SU7_serv	BOBJ1	63	158.71	After	Interior Girder 1	46	0.95	1	1	5.296749
SU7_serv	BOBJ1	63	158.71	After	Interior Girder 2	46	0.95	1	1	5.112678
SU7_serv	BOBJ1	63	158.71	After	Interior Girder 3	46	0.95	1	1	5.13751
SU7_serv	BOBJ1	63	158.71	After	Interior Girder 4	46	0.95	1	1	5.13751
SU7_serv	BOBJ1	63	158.71	After	Interior Girder 5	46	0.95	1	1	5.112678
SU7_serv	BOBJ1	63	158.71	After	Interior Girder 6	46	0.95	1	1	5.296749
SU7_serv	BOBJ1	63	158.71	After	Right Exterior Girder	46	0.95	1	1	5.481032
SU7_serv	BOBJ1	64	163.8233	Before	Left Exterior Girder	51.1133	0.95	1	1	4.15909
SU7_serv	BOBJ1	64	163.8233	Before	Interior Girder 1	51.1133	0.95	1	1	4.260624
SU7_serv	BOBJ1	64	163.8233	Before	Interior Girder 2	51.1133	0.95	1	1	4.05368
SU7_serv	BOBJ1	64	163.8233	Before	Interior Girder 3	51.1133	0.95	1	1	3.866849
SU7_serv	BOBJ1	64	163.8233	Before	Interior Girder 4	51.1133	0.95	1	1	3.866849
SU7_serv	BOBJ1	64	163.8233	Before	Interior Girder 5	51.1133	0.95	1	1	4.05368
SU7_serv	BOBJ1	64	163.8233	Before	Interior Girder 6	51.1133	0.95	1	1	4.260624
SU7_serv	BOBJ1	64	163.8233	Before	Right Exterior Girder	51.1133	0.95	1	1	4.15909
SU7_serv	BOBJ1	65	163.8233	After	Left Exterior Girder	51.1133	0.95	1	1	4.223704
SU7_serv	BOBJ1	65	163.8233	After	Interior Girder 1	51.1133	0.95	1	1	4.17545
SU7_serv	BOBJ1	65	163.8233	After	Interior Girder 2	51.1133	0.95	1	1	3.984426
SU7_serv	BOBJ1	65	163.8233	After	Interior Girder 3	51.1133	0.95	1	1	3.804847
SU7_serv	BOBJ1	65	163.8233	After	Interior Girder 4	51.1133	0.95	1	1	3.804847
SU7_serv	BOBJ1	65	163.8233	After	Interior Girder 5	51.1133	0.95	1	1	3.984426
SU7_serv	BOBJ1	65	163.8233	After	Interior Girder 6	51.1133	0.95	1	1	4.17545
SU7_serv	BOBJ1	65	163.8233	After	Right Exterior Girder	51.1133	0.95	1	1	4.223704
SU7_serv	BOBJ1	66	164.71	Before	Left Exterior Girder	52	0.95	1	1	4.00076
SU7_serv	BOBJ1	66	164.71	Before	Right Exterior Girder	52	0.95	1	1	4.00076
SU7_serv	BOBJ1	67	164.71	After	Left Exterior Girder	52	0.95	1	1	6.030677
SU7_serv	BOBJ1	67	164.71	After	Right Exterior Girder	52	0.95	1	1	6.030677
SU7_serv	BOBJ1	68	170.21	Before	Left Exterior Girder	57.5	0.95	1	1	4.571295
SU7_serv	BOBJ1	68	170.21	Before	Interior Girder 1	57.5	0.95	1	1	2.885782
SU7_serv	BOBJ1	68	170.21	Before	Interior Girder 2	57.5	0.95	1	1	2.65505
SU7_serv	BOBJ1	68	170.21	Before	Interior Girder 3	57.5	0.95	1	1	2.205601
SU7_serv	BOBJ1	68	170.21	Before	Interior Girder 4	57.5	0.95	1	1	2.205601
SU7_serv	BOBJ1	68	170.21	Before	Interior Girder 5	57.5	0.95	1	1	2.65505
SU7_serv	BOBJ1	68	170.21	Before	Interior Girder 6	57.5	0.95	1	1	2.885782
SU7_serv	BOBJ1	68	170.21	Before	Right Exterior Girder	57.5	0.95	1	1	4.571295
SU7_serv	BOBJ1	69	170.21	After	Left Exterior Girder	0	0.95	1	1	4.618458
SU7_serv	BOBJ1	69	170.21	After	Interior Girder 1	0	0.95	1	1	2.778336
SU7_serv	BOBJ1	69	170.21	After	Interior Girder 2	0	0.95	1	1	2.597569
SU7_serv	BOBJ1	69	170.21	After	Interior Girder 3	0	0.95	1	1	2.185894
SU7_serv	BOBJ1	69	170.21	After	Interior Girder 4	0	0.95	1	1	2.185894
SU7_serv	BOBJ1	69	170.21	After	Interior Girder 5	0	0.95	1	1	2.597569
SU7_serv	BOBJ1	69	170.21	After	Interior Girder 6	0	0.95	1	1	2.778336
SU7_serv	BOBJ1	69	170.21	After	Right Exterior Girder	0	0.95	1	1	4.618458
SU7_serv	BOBJ1	70	176.21	Before	Left Exterior Girder	6	0.95	1	1	6.985876
SU7_serv	BOBJ1	70	176.21	Before	Right Exterior Girder	6	0.95	1	1	6.985876

TABLE: Bridge Super Rating AASHTORATE18 31 - SteelICompServ-Flx - Approach, Span 16-19										
Request	BridgeObj	BridgeCut	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	Unitless	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
SU7_serv	BOBJ1	71	176.21	After	Left Exterior Girder	6	0.95	1	1	4.706978
SU7_serv	BOBJ1	71	176.21	After	Right Exterior Girder	6	0.95	1	1	4.706978
SU7_serv	BOBJ1	72	176.6	Before	Left Exterior Girder	6.39	0.95	1	1	4.821621
SU7_serv	BOBJ1	72	176.6	Before	Interior Girder 1	6.39	0.95	1	1	4.646521
SU7_serv	BOBJ1	72	176.6	Before	Interior Girder 2	6.39	0.95	1	1	4.360401
SU7_serv	BOBJ1	72	176.6	Before	Interior Girder 3	6.39	0.95	1	1	4.157643
SU7_serv	BOBJ1	72	176.6	Before	Interior Girder 4	6.39	0.95	1	1	4.157643
SU7_serv	BOBJ1	72	176.6	Before	Interior Girder 5	6.39	0.95	1	1	4.360401
SU7_serv	BOBJ1	72	176.6	Before	Interior Girder 6	6.39	0.95	1	1	4.646521
SU7_serv	BOBJ1	72	176.6	Before	Right Exterior Girder	6.39	0.95	1	1	4.821621
SU7_serv	BOBJ1	73	176.6	After	Left Exterior Girder	6.39	0.95	1	1	4.723046
SU7_serv	BOBJ1	73	176.6	After	Interior Girder 1	6.39	0.95	1	1	4.752353
SU7_serv	BOBJ1	73	176.6	After	Interior Girder 2	6.39	0.95	1	1	4.445396
SU7_serv	BOBJ1	73	176.6	After	Interior Girder 3	6.39	0.95	1	1	4.23597
SU7_serv	BOBJ1	73	176.6	After	Interior Girder 4	6.39	0.95	1	1	4.23597
SU7_serv	BOBJ1	73	176.6	After	Interior Girder 5	6.39	0.95	1	1	4.445396
SU7_serv	BOBJ1	73	176.6	After	Interior Girder 6	6.39	0.95	1	1	4.752353
SU7_serv	BOBJ1	73	176.6	After	Right Exterior Girder	6.39	0.95	1	1	4.723046
SU7_serv	BOBJ1	74	182.99	Before	Left Exterior Girder	12.78	0.95	1	1	6.539024
SU7_serv	BOBJ1	74	182.99	Before	Interior Girder 1	12.78	0.95	1	1	5.877426
SU7_serv	BOBJ1	74	182.99	Before	Interior Girder 2	12.78	0.95	1	1	5.349962
SU7_serv	BOBJ1	74	182.99	Before	Interior Girder 3	12.78	0.95	1	1	5.218087
SU7_serv	BOBJ1	74	182.99	Before	Interior Girder 4	12.78	0.95	1	1	5.218087
SU7_serv	BOBJ1	74	182.99	Before	Interior Girder 5	12.78	0.95	1	1	5.349962
SU7_serv	BOBJ1	74	182.99	Before	Interior Girder 6	12.78	0.95	1	1	5.877426
SU7_serv	BOBJ1	74	182.99	Before	Right Exterior Girder	12.78	0.95	1	1	6.539024
SU7_serv	BOBJ1	75	182.99	After	Left Exterior Girder	12.78	0.95	1	1	6.486227
SU7_serv	BOBJ1	75	182.99	After	Interior Girder 1	12.78	0.95	1	1	5.897779
SU7_serv	BOBJ1	75	182.99	After	Interior Girder 2	12.78	0.95	1	1	5.424336
SU7_serv	BOBJ1	75	182.99	After	Interior Girder 3	12.78	0.95	1	1	5.414381
SU7_serv	BOBJ1	75	182.99	After	Interior Girder 4	12.78	0.95	1	1	5.414381
SU7_serv	BOBJ1	75	182.99	After	Interior Girder 5	12.78	0.95	1	1	5.424336
SU7_serv	BOBJ1	75	182.99	After	Interior Girder 6	12.78	0.95	1	1	5.897779
SU7_serv	BOBJ1	75	182.99	After	Right Exterior Girder	12.78	0.95	1	1	6.486227
SU7_serv	BOBJ1	76	189.38	Before	Left Exterior Girder	19.17	0.95	1	1	4.213223
SU7_serv	BOBJ1	76	189.38	Before	Interior Girder 1	19.17	0.95	1	1	3.85149
SU7_serv	BOBJ1	76	189.38	Before	Interior Girder 2	19.17	0.95	1	1	3.528109
SU7_serv	BOBJ1	76	189.38	Before	Interior Girder 3	19.17	0.95	1	1	3.4805
SU7_serv	BOBJ1	76	189.38	Before	Interior Girder 4	19.17	0.95	1	1	3.4805
SU7_serv	BOBJ1	76	189.38	Before	Interior Girder 5	19.17	0.95	1	1	3.528109
SU7_serv	BOBJ1	76	189.38	Before	Interior Girder 6	19.17	0.95	1	1	3.85149
SU7_serv	BOBJ1	76	189.38	Before	Right Exterior Girder	19.17	0.95	1	1	4.213223
SU7_serv	BOBJ1	77	189.38	After	Left Exterior Girder	19.17	0.95	1	1	4.271558
SU7_serv	BOBJ1	77	189.38	After	Interior Girder 1	19.17	0.95	1	1	3.815918
SU7_serv	BOBJ1	77	189.38	After	Interior Girder 2	19.17	0.95	1	1	3.532598
SU7_serv	BOBJ1	77	189.38	After	Interior Girder 3	19.17	0.95	1	1	3.527333
SU7_serv	BOBJ1	77	189.38	After	Interior Girder 4	19.17	0.95	1	1	3.527333
SU7_serv	BOBJ1	77	189.38	After	Interior Girder 5	19.17	0.95	1	1	3.532598
SU7_serv	BOBJ1	77	189.38	After	Interior Girder 6	19.17	0.95	1	1	3.815918
SU7_serv	BOBJ1	77	189.38	After	Right Exterior Girder	19.17	0.95	1	1	4.271558
SU7_serv	BOBJ1	78	195.77	Before	Left Exterior Girder	25.56	0.95	1	1	3.302288
SU7_serv	BOBJ1	78	195.77	Before	Interior Girder 1	25.56	0.95	1	1	2.711043
SU7_serv	BOBJ1	78	195.77	Before	Interior Girder 2	25.56	0.95	1	1	2.589272
SU7_serv	BOBJ1	78	195.77	Before	Interior Girder 3	25.56	0.95	1	1	2.529432
SU7_serv	BOBJ1	78	195.77	Before	Interior Girder 4	25.56	0.95	1	1	2.529432
SU7_serv	BOBJ1	78	195.77	Before	Interior Girder 5	25.56	0.95	1	1	2.589272
SU7_serv	BOBJ1	78	195.77	Before	Interior Girder 6	25.56	0.95	1	1	2.711043
SU7_serv	BOBJ1	78	195.77	Before	Right Exterior Girder	25.56	0.95	1	1	3.302288
SU7_serv	BOBJ1	79	195.77	After	Left Exterior Girder	25.56	0.95	1	1	3.35146
SU7_serv	BOBJ1	79	195.77	After	Interior Girder 1	25.56	0.95	1	1	2.682032
SU7_serv	BOBJ1	79	195.77	After	Interior Girder 2	25.56	0.95	1	1	2.58164
SU7_serv	BOBJ1	79	195.77	After	Interior Girder 3	25.56	0.95	1	1	2.539717
SU7_serv	BOBJ1	79	195.77	After	Interior Girder 4	25.56	0.95	1	1	2.539717
SU7_serv	BOBJ1	79	195.77	After	Interior Girder 5	25.56	0.95	1	1	2.58164
SU7_serv	BOBJ1	79	195.77	After	Interior Girder 6	25.56	0.95	1	1	2.682032
SU7_serv	BOBJ1	79	195.77	After	Right Exterior Girder	25.56	0.95	1	1	3.35146
SU7_serv	BOBJ1	80	202.16	Before	Left Exterior Girder	31.95	0.95	1	1	2.903785
SU7_serv	BOBJ1	80	202.16	Before	Interior Girder 1	31.95	0.95	1	1	2.390985
SU7_serv	BOBJ1	80	202.16	Before	Interior Girder 2	31.95	0.95	1	1	2.310331
SU7_serv	BOBJ1	80	202.16	Before	Interior Girder 3	31.95	0.95	1	1	2.27642
SU7_serv	BOBJ1	80	202.16	Before	Interior Girder 4	31.95	0.95	1	1	2.27642
SU7_serv	BOBJ1	80	202.16	Before	Interior Girder 5	31.95	0.95	1	1	2.310331
SU7_serv	BOBJ1	80	202.16	Before	Interior Girder 6	31.95	0.95	1	1	2.390985

TABLE: Bridge Super Rating AASHTORATE18 31 - SteelICompServ-Flx - Approach, Span 16-19										
Request	BridgeObj	BridgeCut	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	Unitless	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
SU7_serv	BOBJ1	80	202.16	Before	Right Exterior Girder	31.95	0.95	1	1	2.903785
SU7_serv	BOBJ1	81	202.16	After	Left Exterior Girder	31.95	0.95	1	1	2.878101
SU7_serv	BOBJ1	81	202.16	After	Interior Girder 1	31.95	0.95	1	1	2.405976
SU7_serv	BOBJ1	81	202.16	After	Interior Girder 2	31.95	0.95	1	1	2.324429
SU7_serv	BOBJ1	81	202.16	After	Interior Girder 3	31.95	0.95	1	1	2.285591
SU7_serv	BOBJ1	81	202.16	After	Interior Girder 4	31.95	0.95	1	1	2.285591
SU7_serv	BOBJ1	81	202.16	After	Interior Girder 5	31.95	0.95	1	1	2.324429
SU7_serv	BOBJ1	81	202.16	After	Interior Girder 6	31.95	0.95	1	1	2.405976
SU7_serv	BOBJ1	81	202.16	After	Right Exterior Girder	31.95	0.95	1	1	2.878101
SU7_serv	BOBJ1	82	208.55	Before	Left Exterior Girder	38.34	0.95	1	1	2.832269
SU7_serv	BOBJ1	82	208.55	Before	Interior Girder 1	38.34	0.95	1	1	2.62085
SU7_serv	BOBJ1	82	208.55	Before	Interior Girder 2	38.34	0.95	1	1	2.510115
SU7_serv	BOBJ1	82	208.55	Before	Interior Girder 3	38.34	0.95	1	1	2.508715
SU7_serv	BOBJ1	82	208.55	Before	Interior Girder 4	38.34	0.95	1	1	2.508715
SU7_serv	BOBJ1	82	208.55	Before	Interior Girder 5	38.34	0.95	1	1	2.510115
SU7_serv	BOBJ1	82	208.55	Before	Interior Girder 6	38.34	0.95	1	1	2.62085
SU7_serv	BOBJ1	82	208.55	Before	Right Exterior Girder	38.34	0.95	1	1	2.832269
SU7_serv	BOBJ1	83	208.55	After	Left Exterior Girder	38.34	0.95	1	1	2.807116
SU7_serv	BOBJ1	83	208.55	After	Interior Girder 1	38.34	0.95	1	1	2.634561
SU7_serv	BOBJ1	83	208.55	After	Interior Girder 2	38.34	0.95	1	1	2.506913
SU7_serv	BOBJ1	83	208.55	After	Interior Girder 3	38.34	0.95	1	1	2.495117
SU7_serv	BOBJ1	83	208.55	After	Interior Girder 4	38.34	0.95	1	1	2.495117
SU7_serv	BOBJ1	83	208.55	After	Interior Girder 5	38.34	0.95	1	1	2.506913
SU7_serv	BOBJ1	83	208.55	After	Interior Girder 6	38.34	0.95	1	1	2.634561
SU7_serv	BOBJ1	83	208.55	After	Right Exterior Girder	38.34	0.95	1	1	2.807116
SU7_serv	BOBJ1	84	215.1233	Before	Left Exterior Girder	44.9133	0.95	1	1	3.93267
SU7_serv	BOBJ1	84	215.1233	Before	Interior Girder 1	44.9133	0.95	1	1	3.066749
SU7_serv	BOBJ1	84	215.1233	Before	Interior Girder 2	44.9133	0.95	1	1	2.926789
SU7_serv	BOBJ1	84	215.1233	Before	Interior Girder 3	44.9133	0.95	1	1	2.819438
SU7_serv	BOBJ1	84	215.1233	Before	Interior Girder 4	44.9133	0.95	1	1	2.819438
SU7_serv	BOBJ1	84	215.1233	Before	Interior Girder 5	44.9133	0.95	1	1	2.926789
SU7_serv	BOBJ1	84	215.1233	Before	Interior Girder 6	44.9133	0.95	1	1	3.066749
SU7_serv	BOBJ1	84	215.1233	Before	Right Exterior Girder	44.9133	0.95	1	1	3.93267
SU7_serv	BOBJ1	85	215.1233	After	Left Exterior Girder	44.9133	0.95	1	1	3.920789
SU7_serv	BOBJ1	85	215.1233	After	Interior Girder 1	44.9133	0.95	1	1	3.070478
SU7_serv	BOBJ1	85	215.1233	After	Interior Girder 2	44.9133	0.95	1	1	2.884568
SU7_serv	BOBJ1	85	215.1233	After	Interior Girder 3	44.9133	0.95	1	1	2.765033
SU7_serv	BOBJ1	85	215.1233	After	Interior Girder 4	44.9133	0.95	1	1	2.765033
SU7_serv	BOBJ1	85	215.1233	After	Interior Girder 5	44.9133	0.95	1	1	2.884568
SU7_serv	BOBJ1	85	215.1233	After	Interior Girder 6	44.9133	0.95	1	1	3.070478
SU7_serv	BOBJ1	85	215.1233	After	Right Exterior Girder	44.9133	0.95	1	1	3.920789
SU7_serv	BOBJ1	86	221.6967	Before	Left Exterior Girder	51.4867	0.95	1	1	7.991992
SU7_serv	BOBJ1	86	221.6967	Before	Interior Girder 1	51.4867	0.95	1	1	5.344338
SU7_serv	BOBJ1	86	221.6967	Before	Interior Girder 2	51.4867	0.95	1	1	5.044047
SU7_serv	BOBJ1	86	221.6967	Before	Interior Girder 3	51.4867	0.95	1	1	4.691933
SU7_serv	BOBJ1	86	221.6967	Before	Interior Girder 4	51.4867	0.95	1	1	4.691933
SU7_serv	BOBJ1	86	221.6967	Before	Interior Girder 5	51.4867	0.95	1	1	5.044047
SU7_serv	BOBJ1	86	221.6967	Before	Interior Girder 6	51.4867	0.95	1	1	5.344338
SU7_serv	BOBJ1	86	221.6967	Before	Right Exterior Girder	51.4867	0.95	1	1	7.991992
SU7_serv	BOBJ1	87	221.6967	After	Left Exterior Girder	51.4867	0.95	1	1	7.935184
SU7_serv	BOBJ1	87	221.6967	After	Interior Girder 1	51.4867	0.95	1	1	5.361142
SU7_serv	BOBJ1	87	221.6967	After	Interior Girder 2	51.4867	0.95	1	1	4.967825
SU7_serv	BOBJ1	87	221.6967	After	Interior Girder 3	51.4867	0.95	1	1	4.516301
SU7_serv	BOBJ1	87	221.6967	After	Interior Girder 4	51.4867	0.95	1	1	4.516301
SU7_serv	BOBJ1	87	221.6967	After	Interior Girder 5	51.4867	0.95	1	1	4.967825
SU7_serv	BOBJ1	87	221.6967	After	Interior Girder 6	51.4867	0.95	1	1	5.361142
SU7_serv	BOBJ1	87	221.6967	After	Right Exterior Girder	51.4867	0.95	1	1	7.935184
SU7_serv	BOBJ1	88	228.27	Before	Left Exterior Girder	58.06	0.95	1	1	446.745438
SU7_serv	BOBJ1	88	228.27	Before	Interior Girder 1	58.06	0.95	1	1	386.329514
SU7_serv	BOBJ1	88	228.27	Before	Interior Girder 2	58.06	0.95	1	1	205.576355
SU7_serv	BOBJ1	88	228.27	Before	Interior Girder 3	58.06	0.95	1	1	149.811257
SU7_serv	BOBJ1	88	228.27	Before	Interior Girder 4	58.06	0.95	1	1	149.811257
SU7_serv	BOBJ1	88	228.27	Before	Interior Girder 5	58.06	0.95	1	1	205.576355
SU7_serv	BOBJ1	88	228.27	Before	Interior Girder 6	58.06	0.95	1	1	386.329514
SU7_serv	BOBJ1	88	228.27	Before	Right Exterior Girder	58.06	0.95	1	1	446.745437
Type 3_serv	BOBJ1	1	0	After	Left Exterior Girder	0	0.95	1	1	817.631571
Type 3_serv	BOBJ1	1	0	After	Interior Girder 1	0	0.95	1	1	523.164639
Type 3_serv	BOBJ1	1	0	After	Interior Girder 2	0	0.95	1	1	309.212858
Type 3_serv	BOBJ1	1	0	After	Interior Girder 3	0	0.95	1	1	246.532094
Type 3_serv	BOBJ1	1	0	After	Interior Girder 4	0	0.95	1	1	246.532094
Type 3_serv	BOBJ1	1	0	After	Interior Girder 5	0	0.95	1	1	309.212861
Type 3_serv	BOBJ1	1	0	After	Interior Girder 6	0	0.95	1	1	523.164638
Type 3_serv	BOBJ1	1	0	After	Right Exterior Girder	0	0.95	1	1	817.631571

TABLE: Bridge Super Rating AASHTORATE18 31 - SteelICompServ-Flx - Approach, Span 16-19										
Request	BridgeObj	BridgeCut	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	Unitless	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Type 3_serv	BOBJ1	2	5.3833	Before	Left Exterior Girder	5.3833	0.95	1	1	12.135469
Type 3_serv	BOBJ1	2	5.3833	Before	Interior Girder 1	5.3833	0.95	1	1	7.678104
Type 3_serv	BOBJ1	2	5.3833	Before	Interior Girder 2	5.3833	0.95	1	1	7.207462
Type 3_serv	BOBJ1	2	5.3833	Before	Interior Girder 3	5.3833	0.95	1	1	6.19003
Type 3_serv	BOBJ1	2	5.3833	Before	Interior Girder 4	5.3833	0.95	1	1	6.19003
Type 3_serv	BOBJ1	2	5.3833	Before	Interior Girder 5	5.3833	0.95	1	1	7.207462
Type 3_serv	BOBJ1	2	5.3833	Before	Interior Girder 6	5.3833	0.95	1	1	7.678104
Type 3_serv	BOBJ1	2	5.3833	Before	Right Exterior Girder	5.3833	0.95	1	1	12.135469
Type 3_serv	BOBJ1	3	5.3833	After	Left Exterior Girder	5.3833	0.95	1	1	12.252177
Type 3_serv	BOBJ1	3	5.3833	After	Interior Girder 1	5.3833	0.95	1	1	7.704567
Type 3_serv	BOBJ1	3	5.3833	After	Interior Girder 2	5.3833	0.95	1	1	7.319508
Type 3_serv	BOBJ1	3	5.3833	After	Interior Girder 3	5.3833	0.95	1	1	6.389762
Type 3_serv	BOBJ1	3	5.3833	After	Interior Girder 4	5.3833	0.95	1	1	6.389762
Type 3_serv	BOBJ1	3	5.3833	After	Interior Girder 5	5.3833	0.95	1	1	7.319508
Type 3_serv	BOBJ1	3	5.3833	After	Interior Girder 6	5.3833	0.95	1	1	7.704567
Type 3_serv	BOBJ1	3	5.3833	After	Right Exterior Girder	5.3833	0.95	1	1	12.252177
Type 3_serv	BOBJ1	4	10.7667	Before	Left Exterior Girder	10.7667	0.95	1	1	6.657864
Type 3_serv	BOBJ1	4	10.7667	Before	Interior Girder 1	10.7667	0.95	1	1	5.026036
Type 3_serv	BOBJ1	4	10.7667	Before	Interior Girder 2	10.7667	0.95	1	1	4.680579
Type 3_serv	BOBJ1	4	10.7667	Before	Interior Girder 3	10.7667	0.95	1	1	4.413489
Type 3_serv	BOBJ1	4	10.7667	Before	Interior Girder 4	10.7667	0.95	1	1	4.413489
Type 3_serv	BOBJ1	4	10.7667	Before	Interior Girder 5	10.7667	0.95	1	1	4.680579
Type 3_serv	BOBJ1	4	10.7667	Before	Interior Girder 6	10.7667	0.95	1	1	5.026036
Type 3_serv	BOBJ1	4	10.7667	Before	Right Exterior Girder	10.7667	0.95	1	1	6.657864
Type 3_serv	BOBJ1	5	10.7667	After	Left Exterior Girder	10.7667	0.95	1	1	6.650334
Type 3_serv	BOBJ1	5	10.7667	After	Interior Girder 1	10.7667	0.95	1	1	5.042208
Type 3_serv	BOBJ1	5	10.7667	After	Interior Girder 2	10.7667	0.95	1	1	4.749649
Type 3_serv	BOBJ1	5	10.7667	After	Interior Girder 3	10.7667	0.95	1	1	4.485163
Type 3_serv	BOBJ1	5	10.7667	After	Interior Girder 4	10.7667	0.95	1	1	4.485163
Type 3_serv	BOBJ1	5	10.7667	After	Interior Girder 5	10.7667	0.95	1	1	4.749649
Type 3_serv	BOBJ1	5	10.7667	After	Interior Girder 6	10.7667	0.95	1	1	5.042208
Type 3_serv	BOBJ1	5	10.7667	After	Right Exterior Girder	10.7667	0.95	1	1	6.650334
Type 3_serv	BOBJ1	6	16.15	Before	Left Exterior Girder	16.15	0.95	1	1	5.160345
Type 3_serv	BOBJ1	6	16.15	Before	Interior Girder 1	16.15	0.95	1	1	4.58457
Type 3_serv	BOBJ1	6	16.15	Before	Interior Girder 2	16.15	0.95	1	1	4.253495
Type 3_serv	BOBJ1	6	16.15	Before	Interior Girder 3	16.15	0.95	1	1	4.121125
Type 3_serv	BOBJ1	6	16.15	Before	Interior Girder 4	16.15	0.95	1	1	4.121125
Type 3_serv	BOBJ1	6	16.15	Before	Interior Girder 5	16.15	0.95	1	1	4.253495
Type 3_serv	BOBJ1	6	16.15	Before	Interior Girder 6	16.15	0.95	1	1	4.58457
Type 3_serv	BOBJ1	6	16.15	Before	Right Exterior Girder	16.15	0.95	1	1	5.160345
Type 3_serv	BOBJ1	7	16.15	After	Left Exterior Girder	16.15	0.95	1	1	5.182459
Type 3_serv	BOBJ1	7	16.15	After	Interior Girder 1	16.15	0.95	1	1	4.564323
Type 3_serv	BOBJ1	7	16.15	After	Interior Girder 2	16.15	0.95	1	1	4.258551
Type 3_serv	BOBJ1	7	16.15	After	Interior Girder 3	16.15	0.95	1	1	4.124759
Type 3_serv	BOBJ1	7	16.15	After	Interior Girder 4	16.15	0.95	1	1	4.124759
Type 3_serv	BOBJ1	7	16.15	After	Interior Girder 5	16.15	0.95	1	1	4.258551
Type 3_serv	BOBJ1	7	16.15	After	Interior Girder 6	16.15	0.95	1	1	4.564323
Type 3_serv	BOBJ1	7	16.15	After	Right Exterior Girder	16.15	0.95	1	1	5.182459
Type 3_serv	BOBJ1	8	22.1267	Before	Left Exterior Girder	22.1267	0.95	1	1	5.65877
Type 3_serv	BOBJ1	8	22.1267	Before	Interior Girder 1	22.1267	0.95	1	1	4.398726
Type 3_serv	BOBJ1	8	22.1267	Before	Interior Girder 2	22.1267	0.95	1	1	4.149318
Type 3_serv	BOBJ1	8	22.1267	Before	Interior Girder 3	22.1267	0.95	1	1	3.94344
Type 3_serv	BOBJ1	8	22.1267	Before	Interior Girder 4	22.1267	0.95	1	1	3.94344
Type 3_serv	BOBJ1	8	22.1267	Before	Interior Girder 5	22.1267	0.95	1	1	4.149318
Type 3_serv	BOBJ1	8	22.1267	Before	Interior Girder 6	22.1267	0.95	1	1	4.398726
Type 3_serv	BOBJ1	8	22.1267	Before	Right Exterior Girder	22.1267	0.95	1	1	5.65877
Type 3_serv	BOBJ1	9	22.1267	After	Left Exterior Girder	22.1267	0.95	1	1	5.696976
Type 3_serv	BOBJ1	9	22.1267	After	Interior Girder 1	22.1267	0.95	1	1	4.377714
Type 3_serv	BOBJ1	9	22.1267	After	Interior Girder 2	22.1267	0.95	1	1	4.129052
Type 3_serv	BOBJ1	9	22.1267	After	Interior Girder 3	22.1267	0.95	1	1	3.92825
Type 3_serv	BOBJ1	9	22.1267	After	Interior Girder 4	22.1267	0.95	1	1	3.92825
Type 3_serv	BOBJ1	9	22.1267	After	Interior Girder 5	22.1267	0.95	1	1	4.129052
Type 3_serv	BOBJ1	9	22.1267	After	Interior Girder 6	22.1267	0.95	1	1	4.377714
Type 3_serv	BOBJ1	9	22.1267	After	Right Exterior Girder	22.1267	0.95	1	1	5.696976
Type 3_serv	BOBJ1	10	28.1033	Before	Left Exterior Girder	28.1033	0.95	1	1	7.045993
Type 3_serv	BOBJ1	10	28.1033	Before	Interior Girder 1	28.1033	0.95	1	1	5.183434
Type 3_serv	BOBJ1	10	28.1033	Before	Interior Girder 2	28.1033	0.95	1	1	4.873085
Type 3_serv	BOBJ1	10	28.1033	Before	Interior Girder 3	28.1033	0.95	1	1	4.684975
Type 3_serv	BOBJ1	10	28.1033	Before	Interior Girder 4	28.1033	0.95	1	1	4.684975
Type 3_serv	BOBJ1	10	28.1033	Before	Interior Girder 5	28.1033	0.95	1	1	4.873085
Type 3_serv	BOBJ1	10	28.1033	Before	Interior Girder 6	28.1033	0.95	1	1	5.183434
Type 3_serv	BOBJ1	10	28.1033	Before	Right Exterior Girder	28.1033	0.95	1	1	7.045993
Type 3_serv	BOBJ1	11	28.1033	After	Left Exterior Girder	28.1033	0.95	1	1	6.9647

TABLE: Bridge Super Rating AASHTORATE18 31 - SteelICompServ-Flx - Approach, Span 16-19										
Request	BridgeObj	BridgeCut	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	Unitless	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Type 3_serv	BOBJ1	11	28.1033	After	Interior Girder 1	28.1033	0.95	1	1	5.233839
Type 3_serv	BOBJ1	11	28.1033	After	Interior Girder 2	28.1033	0.95	1	1	4.879977
Type 3_serv	BOBJ1	11	28.1033	After	Interior Girder 3	28.1033	0.95	1	1	4.660292
Type 3_serv	BOBJ1	11	28.1033	After	Interior Girder 4	28.1033	0.95	1	1	4.660292
Type 3_serv	BOBJ1	11	28.1033	After	Interior Girder 5	28.1033	0.95	1	1	4.879977
Type 3_serv	BOBJ1	11	28.1033	After	Interior Girder 6	28.1033	0.95	1	1	5.233839
Type 3_serv	BOBJ1	11	28.1033	After	Right Exterior Girder	28.1033	0.95	1	1	6.9647
Type 3_serv	BOBJ1	12	34.08	Before	Left Exterior Girder	34.08	0.95	1	1	5.731462
Type 3_serv	BOBJ1	12	34.08	Before	Interior Girder 1	34.08	0.95	1	1	5.812818
Type 3_serv	BOBJ1	12	34.08	Before	Interior Girder 2	34.08	0.95	1	1	5.816896
Type 3_serv	BOBJ1	12	34.08	Before	Interior Girder 3	34.08	0.95	1	1	6.02252
Type 3_serv	BOBJ1	12	34.08	Before	Interior Girder 4	34.08	0.95	1	1	6.02252
Type 3_serv	BOBJ1	12	34.08	Before	Interior Girder 5	34.08	0.95	1	1	5.816896
Type 3_serv	BOBJ1	12	34.08	Before	Interior Girder 6	34.08	0.95	1	1	5.812818
Type 3_serv	BOBJ1	12	34.08	Before	Right Exterior Girder	34.08	0.95	1	1	5.731462
Type 3_serv	BOBJ1	13	34.08	After	Left Exterior Girder	34.08	0.95	1	1	5.783145
Type 3_serv	BOBJ1	13	34.08	After	Interior Girder 1	34.08	0.95	1	1	5.758361
Type 3_serv	BOBJ1	13	34.08	After	Interior Girder 2	34.08	0.95	1	1	5.778727
Type 3_serv	BOBJ1	13	34.08	After	Interior Girder 3	34.08	0.95	1	1	6.023424
Type 3_serv	BOBJ1	13	34.08	After	Interior Girder 4	34.08	0.95	1	1	6.023424
Type 3_serv	BOBJ1	13	34.08	After	Interior Girder 5	34.08	0.95	1	1	5.778727
Type 3_serv	BOBJ1	13	34.08	After	Interior Girder 6	34.08	0.95	1	1	5.758361
Type 3_serv	BOBJ1	13	34.08	After	Right Exterior Girder	34.08	0.95	1	1	5.783145
Type 3_serv	BOBJ1	14	39.855	Before	Left Exterior Girder	39.855	0.95	1	1	3.910302
Type 3_serv	BOBJ1	14	39.855	Before	Interior Girder 1	39.855	0.95	1	1	4.397172
Type 3_serv	BOBJ1	14	39.855	Before	Interior Girder 2	39.855	0.95	1	1	4.335214
Type 3_serv	BOBJ1	14	39.855	Before	Interior Girder 3	39.855	0.95	1	1	4.16882
Type 3_serv	BOBJ1	14	39.855	Before	Interior Girder 4	39.855	0.95	1	1	4.16882
Type 3_serv	BOBJ1	14	39.855	Before	Interior Girder 5	39.855	0.95	1	1	4.335214
Type 3_serv	BOBJ1	14	39.855	Before	Interior Girder 6	39.855	0.95	1	1	4.397172
Type 3_serv	BOBJ1	14	39.855	Before	Right Exterior Girder	39.855	0.95	1	1	3.910302
Type 3_serv	BOBJ1	15	39.855	After	Left Exterior Girder	39.855	0.95	1	1	3.977522
Type 3_serv	BOBJ1	15	39.855	After	Interior Girder 1	39.855	0.95	1	1	4.337043
Type 3_serv	BOBJ1	15	39.855	After	Interior Girder 2	39.855	0.95	1	1	4.28056
Type 3_serv	BOBJ1	15	39.855	After	Interior Girder 3	39.855	0.95	1	1	4.146768
Type 3_serv	BOBJ1	15	39.855	After	Interior Girder 4	39.855	0.95	1	1	4.146768
Type 3_serv	BOBJ1	15	39.855	After	Interior Girder 5	39.855	0.95	1	1	4.28056
Type 3_serv	BOBJ1	15	39.855	After	Interior Girder 6	39.855	0.95	1	1	4.337043
Type 3_serv	BOBJ1	15	39.855	After	Right Exterior Girder	39.855	0.95	1	1	3.977522
Type 3_serv	BOBJ1	16	40.0288	Before	Left Exterior Girder	40.0288	0.95	1	1	3.906785
Type 3_serv	BOBJ1	16	40.0288	Before	Right Exterior Girder	40.0288	0.95	1	1	3.906785
Type 3_serv	BOBJ1	17	40.0288	After	Left Exterior Girder	40.0288	0.95	1	1	5.611436
Type 3_serv	BOBJ1	17	40.0288	After	Right Exterior Girder	40.0288	0.95	1	1	5.611436
Type 3_serv	BOBJ1	18	45.63	Before	Left Exterior Girder	45.63	0.95	1	1	3.832839
Type 3_serv	BOBJ1	18	45.63	Before	Interior Girder 1	45.63	0.95	1	1	3.174671
Type 3_serv	BOBJ1	18	45.63	Before	Interior Girder 2	45.63	0.95	1	1	3.125185
Type 3_serv	BOBJ1	18	45.63	Before	Interior Girder 3	45.63	0.95	1	1	2.724855
Type 3_serv	BOBJ1	18	45.63	Before	Interior Girder 4	45.63	0.95	1	1	2.724855
Type 3_serv	BOBJ1	18	45.63	Before	Interior Girder 5	45.63	0.95	1	1	3.125185
Type 3_serv	BOBJ1	18	45.63	Before	Interior Girder 6	45.63	0.95	1	1	3.174671
Type 3_serv	BOBJ1	18	45.63	Before	Right Exterior Girder	45.63	0.95	1	1	3.832839
Type 3_serv	BOBJ1	19	45.63	After	Left Exterior Girder	0	0.95	1	1	3.819929
Type 3_serv	BOBJ1	19	45.63	After	Interior Girder 1	0	0.95	1	1	2.8739
Type 3_serv	BOBJ1	19	45.63	After	Interior Girder 2	0	0.95	1	1	2.79402
Type 3_serv	BOBJ1	19	45.63	After	Interior Girder 3	0	0.95	1	1	2.352634
Type 3_serv	BOBJ1	19	45.63	After	Interior Girder 4	0	0.95	1	1	2.352634
Type 3_serv	BOBJ1	19	45.63	After	Interior Girder 5	0	0.95	1	1	2.79402
Type 3_serv	BOBJ1	19	45.63	After	Interior Girder 6	0	0.95	1	1	2.8739
Type 3_serv	BOBJ1	19	45.63	After	Right Exterior Girder	0	0.95	1	1	3.819929
Type 3_serv	BOBJ1	20	50.6298	Before	Left Exterior Girder	4.9998	0.95	1	1	9.636961
Type 3_serv	BOBJ1	20	50.6298	Before	Right Exterior Girder	4.9998	0.95	1	1	9.636961
Type 3_serv	BOBJ1	21	50.6298	After	Left Exterior Girder	4.9998	0.95	1	1	6.383505
Type 3_serv	BOBJ1	21	50.6298	After	Right Exterior Girder	4.9998	0.95	1	1	6.383505
Type 3_serv	BOBJ1	22	51.4	Before	Left Exterior Girder	5.77	0.95	1	1	7.435123
Type 3_serv	BOBJ1	22	51.4	Before	Interior Girder 1	5.77	0.95	1	1	7.351285
Type 3_serv	BOBJ1	22	51.4	Before	Interior Girder 2	5.77	0.95	1	1	6.798281
Type 3_serv	BOBJ1	22	51.4	Before	Interior Girder 3	5.77	0.95	1	1	6.319052
Type 3_serv	BOBJ1	22	51.4	Before	Interior Girder 4	5.77	0.95	1	1	6.319052
Type 3_serv	BOBJ1	22	51.4	Before	Interior Girder 5	5.77	0.95	1	1	6.798281
Type 3_serv	BOBJ1	22	51.4	Before	Interior Girder 6	5.77	0.95	1	1	7.351285
Type 3_serv	BOBJ1	22	51.4	Before	Right Exterior Girder	5.77	0.95	1	1	7.435123
Type 3_serv	BOBJ1	23	51.4	After	Left Exterior Girder	5.77	0.95	1	1	7.303695
Type 3_serv	BOBJ1	23	51.4	After	Interior Girder 1	5.77	0.95	1	1	7.470795

TABLE: Bridge Super Rating AASHTORATE18 31 - SteelICompServ-Flx - Approach, Span 16-19										
Request	BridgeObj	BridgeCut	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	Unitless	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Type 3_serv	BOBJ1	23	51.4	After	Interior Girder 2	5.77	0.95	1	1	6.830468
Type 3_serv	BOBJ1	23	51.4	After	Interior Girder 3	5.77	0.95	1	1	6.314188
Type 3_serv	BOBJ1	23	51.4	After	Interior Girder 4	5.77	0.95	1	1	6.314188
Type 3_serv	BOBJ1	23	51.4	After	Interior Girder 5	5.77	0.95	1	1	6.830468
Type 3_serv	BOBJ1	23	51.4	After	Interior Girder 6	5.77	0.95	1	1	7.470795
Type 3_serv	BOBJ1	23	51.4	After	Right Exterior Girder	5.77	0.95	1	1	7.303695
Type 3_serv	BOBJ1	24	57.17	Before	Left Exterior Girder	11.54	0.95	1	1	10.658157
Type 3_serv	BOBJ1	24	57.17	Before	Interior Girder 1	11.54	0.95	1	1	9.984081
Type 3_serv	BOBJ1	24	57.17	Before	Interior Girder 2	11.54	0.95	1	1	8.820548
Type 3_serv	BOBJ1	24	57.17	Before	Interior Girder 3	11.54	0.95	1	1	8.449412
Type 3_serv	BOBJ1	24	57.17	Before	Interior Girder 4	11.54	0.95	1	1	8.449412
Type 3_serv	BOBJ1	24	57.17	Before	Interior Girder 5	11.54	0.95	1	1	8.820548
Type 3_serv	BOBJ1	24	57.17	Before	Interior Girder 6	11.54	0.95	1	1	9.984081
Type 3_serv	BOBJ1	24	57.17	Before	Right Exterior Girder	11.54	0.95	1	1	10.658157
Type 3_serv	BOBJ1	25	57.17	After	Left Exterior Girder	11.54	0.95	1	1	10.579701
Type 3_serv	BOBJ1	25	57.17	After	Interior Girder 1	11.54	0.95	1	1	10.047025
Type 3_serv	BOBJ1	25	57.17	After	Interior Girder 2	11.54	0.95	1	1	8.773904
Type 3_serv	BOBJ1	25	57.17	After	Interior Girder 3	11.54	0.95	1	1	8.560268
Type 3_serv	BOBJ1	25	57.17	After	Interior Girder 4	11.54	0.95	1	1	8.560268
Type 3_serv	BOBJ1	25	57.17	After	Interior Girder 5	11.54	0.95	1	1	8.773904
Type 3_serv	BOBJ1	25	57.17	After	Interior Girder 6	11.54	0.95	1	1	10.047025
Type 3_serv	BOBJ1	25	57.17	After	Right Exterior Girder	11.54	0.95	1	1	10.579701
Type 3_serv	BOBJ1	26	63.34	Before	Left Exterior Girder	17.71	0.95	1	1	6.798523
Type 3_serv	BOBJ1	26	63.34	Before	Interior Girder 1	17.71	0.95	1	1	5.180011
Type 3_serv	BOBJ1	26	63.34	Before	Interior Girder 2	17.71	0.95	1	1	4.827723
Type 3_serv	BOBJ1	26	63.34	Before	Interior Girder 3	17.71	0.95	1	1	4.626074
Type 3_serv	BOBJ1	26	63.34	Before	Interior Girder 4	17.71	0.95	1	1	4.626074
Type 3_serv	BOBJ1	26	63.34	Before	Interior Girder 5	17.71	0.95	1	1	4.827723
Type 3_serv	BOBJ1	26	63.34	Before	Interior Girder 6	17.71	0.95	1	1	5.180011
Type 3_serv	BOBJ1	26	63.34	Before	Right Exterior Girder	17.71	0.95	1	1	6.798523
Type 3_serv	BOBJ1	27	63.34	After	Left Exterior Girder	17.71	0.95	1	1	6.980291
Type 3_serv	BOBJ1	27	63.34	After	Interior Girder 1	17.71	0.95	1	1	5.096046
Type 3_serv	BOBJ1	27	63.34	After	Interior Girder 2	17.71	0.95	1	1	4.803899
Type 3_serv	BOBJ1	27	63.34	After	Interior Girder 3	17.71	0.95	1	1	4.666915
Type 3_serv	BOBJ1	27	63.34	After	Interior Girder 4	17.71	0.95	1	1	4.666915
Type 3_serv	BOBJ1	27	63.34	After	Interior Girder 5	17.71	0.95	1	1	4.803899
Type 3_serv	BOBJ1	27	63.34	After	Interior Girder 6	17.71	0.95	1	1	5.096046
Type 3_serv	BOBJ1	27	63.34	After	Right Exterior Girder	17.71	0.95	1	1	6.980291
Type 3_serv	BOBJ1	28	69.51	Before	Left Exterior Girder	23.88	0.95	1	1	4.482364
Type 3_serv	BOBJ1	28	69.51	Before	Interior Girder 1	23.88	0.95	1	1	3.730585
Type 3_serv	BOBJ1	28	69.51	Before	Interior Girder 2	23.88	0.95	1	1	3.58518
Type 3_serv	BOBJ1	28	69.51	Before	Interior Girder 3	23.88	0.95	1	1	3.499432
Type 3_serv	BOBJ1	28	69.51	Before	Interior Girder 4	23.88	0.95	1	1	3.499432
Type 3_serv	BOBJ1	28	69.51	Before	Interior Girder 5	23.88	0.95	1	1	3.58518
Type 3_serv	BOBJ1	28	69.51	Before	Interior Girder 6	23.88	0.95	1	1	3.730585
Type 3_serv	BOBJ1	28	69.51	Before	Right Exterior Girder	23.88	0.95	1	1	4.482364
Type 3_serv	BOBJ1	29	69.51	After	Left Exterior Girder	23.88	0.95	1	1	4.507975
Type 3_serv	BOBJ1	29	69.51	After	Interior Girder 1	23.88	0.95	1	1	3.727379
Type 3_serv	BOBJ1	29	69.51	After	Interior Girder 2	23.88	0.95	1	1	3.601493
Type 3_serv	BOBJ1	29	69.51	After	Interior Girder 3	23.88	0.95	1	1	3.522043
Type 3_serv	BOBJ1	29	69.51	After	Interior Girder 4	23.88	0.95	1	1	3.522043
Type 3_serv	BOBJ1	29	69.51	After	Interior Girder 5	23.88	0.95	1	1	3.601493
Type 3_serv	BOBJ1	29	69.51	After	Interior Girder 6	23.88	0.95	1	1	3.727379
Type 3_serv	BOBJ1	29	69.51	After	Right Exterior Girder	23.88	0.95	1	1	4.507975
Type 3_serv	BOBJ1	30	75.68	Before	Left Exterior Girder	30.05	0.95	1	1	3.479741
Type 3_serv	BOBJ1	30	75.68	Before	Interior Girder 1	30.05	0.95	1	1	3.425194
Type 3_serv	BOBJ1	30	75.68	Before	Interior Girder 2	30.05	0.95	1	1	3.333673
Type 3_serv	BOBJ1	30	75.68	Before	Interior Girder 3	30.05	0.95	1	1	3.356936
Type 3_serv	BOBJ1	30	75.68	Before	Interior Girder 4	30.05	0.95	1	1	3.356936
Type 3_serv	BOBJ1	30	75.68	Before	Interior Girder 5	30.05	0.95	1	1	3.333673
Type 3_serv	BOBJ1	30	75.68	Before	Interior Girder 6	30.05	0.95	1	1	3.425194
Type 3_serv	BOBJ1	30	75.68	Before	Right Exterior Girder	30.05	0.95	1	1	3.479741
Type 3_serv	BOBJ1	31	75.68	After	Left Exterior Girder	30.05	0.95	1	1	3.500782
Type 3_serv	BOBJ1	31	75.68	After	Interior Girder 1	30.05	0.95	1	1	3.414568
Type 3_serv	BOBJ1	31	75.68	After	Interior Girder 2	30.05	0.95	1	1	3.324763
Type 3_serv	BOBJ1	31	75.68	After	Interior Girder 3	30.05	0.95	1	1	3.351282
Type 3_serv	BOBJ1	31	75.68	After	Interior Girder 4	30.05	0.95	1	1	3.351282
Type 3_serv	BOBJ1	31	75.68	After	Interior Girder 5	30.05	0.95	1	1	3.324763
Type 3_serv	BOBJ1	31	75.68	After	Interior Girder 6	30.05	0.95	1	1	3.414568
Type 3_serv	BOBJ1	31	75.68	After	Right Exterior Girder	30.05	0.95	1	1	3.500782
Type 3_serv	BOBJ1	32	81.8467	Before	Left Exterior Girder	36.2167	0.95	1	1	3.640449
Type 3_serv	BOBJ1	32	81.8467	Before	Interior Girder 1	36.2167	0.95	1	1	3.178913
Type 3_serv	BOBJ1	32	81.8467	Before	Interior Girder 2	36.2167	0.95	1	1	3.118557

TABLE: Bridge Super Rating AASHTORATE18 31 - SteelCompServ-Flx - Approach, Span 16-19										
Request	BridgeObj	BridgeCut	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	Unitless	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Type 3_serv	BOBJ1	32	81.8467	Before	Interior Girder 3	36.2167	0.95	1	1	3.064055
Type 3_serv	BOBJ1	32	81.8467	Before	Interior Girder 4	36.2167	0.95	1	1	3.064055
Type 3_serv	BOBJ1	32	81.8467	Before	Interior Girder 5	36.2167	0.95	1	1	3.118557
Type 3_serv	BOBJ1	32	81.8467	Before	Interior Girder 6	36.2167	0.95	1	1	3.178913
Type 3_serv	BOBJ1	32	81.8467	Before	Right Exterior Girder	36.2167	0.95	1	1	3.640449
Type 3_serv	BOBJ1	33	81.8467	After	Left Exterior Girder	36.2167	0.95	1	1	3.654564
Type 3_serv	BOBJ1	33	81.8467	After	Interior Girder 1	36.2167	0.95	1	1	3.166145
Type 3_serv	BOBJ1	33	81.8467	After	Interior Girder 2	36.2167	0.95	1	1	3.103242
Type 3_serv	BOBJ1	33	81.8467	After	Interior Girder 3	36.2167	0.95	1	1	3.053312
Type 3_serv	BOBJ1	33	81.8467	After	Interior Girder 4	36.2167	0.95	1	1	3.053312
Type 3_serv	BOBJ1	33	81.8467	After	Interior Girder 5	36.2167	0.95	1	1	3.103242
Type 3_serv	BOBJ1	33	81.8467	After	Interior Girder 6	36.2167	0.95	1	1	3.166145
Type 3_serv	BOBJ1	33	81.8467	After	Right Exterior Girder	36.2167	0.95	1	1	3.654564
Type 3_serv	BOBJ1	34	88.0133	Before	Left Exterior Girder	42.3833	0.95	1	1	4.290527
Type 3_serv	BOBJ1	34	88.0133	Before	Interior Girder 1	42.3833	0.95	1	1	3.572138
Type 3_serv	BOBJ1	34	88.0133	Before	Interior Girder 2	42.3833	0.95	1	1	3.467984
Type 3_serv	BOBJ1	34	88.0133	Before	Interior Girder 3	42.3833	0.95	1	1	3.407669
Type 3_serv	BOBJ1	34	88.0133	Before	Interior Girder 4	42.3833	0.95	1	1	3.407669
Type 3_serv	BOBJ1	34	88.0133	Before	Interior Girder 5	42.3833	0.95	1	1	3.467984
Type 3_serv	BOBJ1	34	88.0133	Before	Interior Girder 6	42.3833	0.95	1	1	3.572138
Type 3_serv	BOBJ1	34	88.0133	Before	Right Exterior Girder	42.3833	0.95	1	1	4.290527
Type 3_serv	BOBJ1	35	88.0133	After	Left Exterior Girder	42.3833	0.95	1	1	4.211129
Type 3_serv	BOBJ1	35	88.0133	After	Interior Girder 1	42.3833	0.95	1	1	3.615801
Type 3_serv	BOBJ1	35	88.0133	After	Interior Girder 2	42.3833	0.95	1	1	3.491208
Type 3_serv	BOBJ1	35	88.0133	After	Interior Girder 3	42.3833	0.95	1	1	3.401014
Type 3_serv	BOBJ1	35	88.0133	After	Interior Girder 4	42.3833	0.95	1	1	3.401014
Type 3_serv	BOBJ1	35	88.0133	After	Interior Girder 5	42.3833	0.95	1	1	3.491208
Type 3_serv	BOBJ1	35	88.0133	After	Interior Girder 6	42.3833	0.95	1	1	3.615801
Type 3_serv	BOBJ1	35	88.0133	After	Right Exterior Girder	42.3833	0.95	1	1	4.211129
Type 3_serv	BOBJ1	36	94.18	Before	Left Exterior Girder	48.55	0.95	1	1	5.688908
Type 3_serv	BOBJ1	36	94.18	Before	Interior Girder 1	48.55	0.95	1	1	5.166442
Type 3_serv	BOBJ1	36	94.18	Before	Interior Girder 2	48.55	0.95	1	1	4.782518
Type 3_serv	BOBJ1	36	94.18	Before	Interior Girder 3	48.55	0.95	1	1	4.733162
Type 3_serv	BOBJ1	36	94.18	Before	Interior Girder 4	48.55	0.95	1	1	4.733162
Type 3_serv	BOBJ1	36	94.18	Before	Interior Girder 5	48.55	0.95	1	1	4.782518
Type 3_serv	BOBJ1	36	94.18	Before	Interior Girder 6	48.55	0.95	1	1	5.166442
Type 3_serv	BOBJ1	36	94.18	Before	Right Exterior Girder	48.55	0.95	1	1	5.688908
Type 3_serv	BOBJ1	37	94.18	After	Left Exterior Girder	48.55	0.95	1	1	5.579854
Type 3_serv	BOBJ1	37	94.18	After	Interior Girder 1	48.55	0.95	1	1	5.221908
Type 3_serv	BOBJ1	37	94.18	After	Interior Girder 2	48.55	0.95	1	1	4.799814
Type 3_serv	BOBJ1	37	94.18	After	Interior Girder 3	48.55	0.95	1	1	4.699439
Type 3_serv	BOBJ1	37	94.18	After	Interior Girder 4	48.55	0.95	1	1	4.699439
Type 3_serv	BOBJ1	37	94.18	After	Interior Girder 5	48.55	0.95	1	1	4.799814
Type 3_serv	BOBJ1	37	94.18	After	Interior Girder 6	48.55	0.95	1	1	5.221908
Type 3_serv	BOBJ1	37	94.18	After	Right Exterior Girder	48.55	0.95	1	1	5.579854
Type 3_serv	BOBJ1	38	100.3567	Before	Left Exterior Girder	54.7267	0.95	1	1	8.936438
Type 3_serv	BOBJ1	38	100.3567	Before	Interior Girder 1	54.7267	0.95	1	1	7.916663
Type 3_serv	BOBJ1	38	100.3567	Before	Interior Girder 2	54.7267	0.95	1	1	7.226506
Type 3_serv	BOBJ1	38	100.3567	Before	Interior Girder 3	54.7267	0.95	1	1	6.939373
Type 3_serv	BOBJ1	38	100.3567	Before	Interior Girder 4	54.7267	0.95	1	1	6.939373
Type 3_serv	BOBJ1	38	100.3567	Before	Interior Girder 5	54.7267	0.95	1	1	7.226506
Type 3_serv	BOBJ1	38	100.3567	Before	Interior Girder 6	54.7267	0.95	1	1	7.916663
Type 3_serv	BOBJ1	38	100.3567	Before	Right Exterior Girder	54.7267	0.95	1	1	8.936438
Type 3_serv	BOBJ1	39	100.3567	After	Left Exterior Girder	54.7267	0.95	1	1	9.043529
Type 3_serv	BOBJ1	39	100.3567	After	Interior Girder 1	54.7267	0.95	1	1	7.928601
Type 3_serv	BOBJ1	39	100.3567	After	Interior Girder 2	54.7267	0.95	1	1	7.193501
Type 3_serv	BOBJ1	39	100.3567	After	Interior Girder 3	54.7267	0.95	1	1	6.753491
Type 3_serv	BOBJ1	39	100.3567	After	Interior Girder 4	54.7267	0.95	1	1	6.753491
Type 3_serv	BOBJ1	39	100.3567	After	Interior Girder 5	54.7267	0.95	1	1	7.193501
Type 3_serv	BOBJ1	39	100.3567	After	Interior Girder 6	54.7267	0.95	1	1	7.928601
Type 3_serv	BOBJ1	39	100.3567	After	Right Exterior Girder	54.7267	0.95	1	1	9.043529
Type 3_serv	BOBJ1	40	106.5333	Before	Left Exterior Girder	60.9033	0.95	1	1	6.201416
Type 3_serv	BOBJ1	40	106.5333	Before	Interior Girder 1	60.9033	0.95	1	1	6.475774
Type 3_serv	BOBJ1	40	106.5333	Before	Interior Girder 2	60.9033	0.95	1	1	6.048779
Type 3_serv	BOBJ1	40	106.5333	Before	Interior Girder 3	60.9033	0.95	1	1	5.707127
Type 3_serv	BOBJ1	40	106.5333	Before	Interior Girder 4	60.9033	0.95	1	1	5.707127
Type 3_serv	BOBJ1	40	106.5333	Before	Interior Girder 5	60.9033	0.95	1	1	6.048779
Type 3_serv	BOBJ1	40	106.5333	Before	Interior Girder 6	60.9033	0.95	1	1	6.475774
Type 3_serv	BOBJ1	40	106.5333	Before	Right Exterior Girder	60.9033	0.95	1	1	6.201416
Type 3_serv	BOBJ1	41	106.5333	After	Left Exterior Girder	60.9033	0.95	1	1	6.335056
Type 3_serv	BOBJ1	41	106.5333	After	Interior Girder 1	60.9033	0.95	1	1	6.317844
Type 3_serv	BOBJ1	41	106.5333	After	Interior Girder 2	60.9033	0.95	1	1	5.922594
Type 3_serv	BOBJ1	41	106.5333	After	Interior Girder 3	60.9033	0.95	1	1	5.58385

TABLE: Bridge Super Rating AASHTORATE18 31 - SteelICompServ-Flx - Approach, Span 16-19										
Request	BridgeObj	BridgeCut	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	Unitless	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Type 3_serv	BOBJ1	41	106.5333	After	Interior Girder 4	60.9033	0.95	1	1	5.58385
Type 3_serv	BOBJ1	41	106.5333	After	Interior Girder 5	60.9033	0.95	1	1	5.922594
Type 3_serv	BOBJ1	41	106.5333	After	Interior Girder 6	60.9033	0.95	1	1	6.317844
Type 3_serv	BOBJ1	41	106.5333	After	Right Exterior Girder	60.9033	0.95	1	1	6.335056
Type 3_serv	BOBJ1	42	108.2102	Before	Left Exterior Girder	62.5802	0.95	1	1	5.493765
Type 3_serv	BOBJ1	42	108.2102	Before	Right Exterior Girder	62.5802	0.95	1	1	5.493765
Type 3_serv	BOBJ1	43	108.2102	After	Left Exterior Girder	62.5802	0.95	1	1	8.04368
Type 3_serv	BOBJ1	43	108.2102	After	Right Exterior Girder	62.5802	0.95	1	1	8.043679
Type 3_serv	BOBJ1	44	112.71	Before	Left Exterior Girder	67.08	0.95	1	1	4.152388
Type 3_serv	BOBJ1	44	112.71	Before	Interior Girder 1	67.08	0.95	1	1	2.934806
Type 3_serv	BOBJ1	44	112.71	Before	Interior Girder 2	67.08	0.95	1	1	2.840526
Type 3_serv	BOBJ1	44	112.71	Before	Interior Girder 3	67.08	0.95	1	1	2.420027
Type 3_serv	BOBJ1	44	112.71	Before	Interior Girder 4	67.08	0.95	1	1	2.420027
Type 3_serv	BOBJ1	44	112.71	Before	Interior Girder 5	67.08	0.95	1	1	2.840526
Type 3_serv	BOBJ1	44	112.71	Before	Interior Girder 6	67.08	0.95	1	1	2.934806
Type 3_serv	BOBJ1	44	112.71	Before	Right Exterior Girder	67.08	0.95	1	1	4.152388
Type 3_serv	BOBJ1	45	112.71	After	Left Exterior Girder	0	0.95	1	1	4.189136
Type 3_serv	BOBJ1	45	112.71	After	Interior Girder 1	0	0.95	1	1	3.365766
Type 3_serv	BOBJ1	45	112.71	After	Interior Girder 2	0	0.95	1	1	3.090687
Type 3_serv	BOBJ1	45	112.71	After	Interior Girder 3	0	0.95	1	1	2.641909
Type 3_serv	BOBJ1	45	112.71	After	Interior Girder 4	0	0.95	1	1	2.641909
Type 3_serv	BOBJ1	45	112.71	After	Interior Girder 5	0	0.95	1	1	3.090687
Type 3_serv	BOBJ1	45	112.71	After	Interior Girder 6	0	0.95	1	1	3.365766
Type 3_serv	BOBJ1	45	112.71	After	Right Exterior Girder	0	0.95	1	1	4.189136
Type 3_serv	BOBJ1	46	117.21	Before	Left Exterior Girder	4.5	0.95	1	1	5.595166
Type 3_serv	BOBJ1	46	117.21	Before	Right Exterior Girder	4.5	0.95	1	1	5.595166
Type 3_serv	BOBJ1	47	117.21	After	Left Exterior Girder	4.5	0.95	1	1	3.810144
Type 3_serv	BOBJ1	47	117.21	After	Right Exterior Girder	4.5	0.95	1	1	3.810144
Type 3_serv	BOBJ1	48	119.1	Before	Left Exterior Girder	6.39	0.95	1	1	4.426594
Type 3_serv	BOBJ1	48	119.1	Before	Interior Girder 1	6.39	0.95	1	1	4.698624
Type 3_serv	BOBJ1	48	119.1	Before	Interior Girder 2	6.39	0.95	1	1	4.613259
Type 3_serv	BOBJ1	48	119.1	Before	Interior Girder 3	6.39	0.95	1	1	4.474464
Type 3_serv	BOBJ1	48	119.1	Before	Interior Girder 4	6.39	0.95	1	1	4.474464
Type 3_serv	BOBJ1	48	119.1	Before	Interior Girder 5	6.39	0.95	1	1	4.613259
Type 3_serv	BOBJ1	48	119.1	Before	Interior Girder 6	6.39	0.95	1	1	4.698624
Type 3_serv	BOBJ1	48	119.1	Before	Right Exterior Girder	6.39	0.95	1	1	4.426594
Type 3_serv	BOBJ1	49	119.1	After	Left Exterior Girder	6.39	0.95	1	1	4.354711
Type 3_serv	BOBJ1	49	119.1	After	Interior Girder 1	6.39	0.95	1	1	4.773112
Type 3_serv	BOBJ1	49	119.1	After	Interior Girder 2	6.39	0.95	1	1	4.677301
Type 3_serv	BOBJ1	49	119.1	After	Interior Girder 3	6.39	0.95	1	1	4.506289
Type 3_serv	BOBJ1	49	119.1	After	Interior Girder 4	6.39	0.95	1	1	4.506289
Type 3_serv	BOBJ1	49	119.1	After	Interior Girder 5	6.39	0.95	1	1	4.677301
Type 3_serv	BOBJ1	49	119.1	After	Interior Girder 6	6.39	0.95	1	1	4.773112
Type 3_serv	BOBJ1	49	119.1	After	Right Exterior Girder	6.39	0.95	1	1	4.354711
Type 3_serv	BOBJ1	50	125.49	Before	Left Exterior Girder	12.78	0.95	1	1	6.440332
Type 3_serv	BOBJ1	50	125.49	Before	Interior Girder 1	12.78	0.95	1	1	6.383366
Type 3_serv	BOBJ1	50	125.49	Before	Interior Girder 2	12.78	0.95	1	1	6.413569
Type 3_serv	BOBJ1	50	125.49	Before	Interior Girder 3	12.78	0.95	1	1	6.493192
Type 3_serv	BOBJ1	50	125.49	Before	Interior Girder 4	12.78	0.95	1	1	6.493192
Type 3_serv	BOBJ1	50	125.49	Before	Interior Girder 5	12.78	0.95	1	1	6.413569
Type 3_serv	BOBJ1	50	125.49	Before	Interior Girder 6	12.78	0.95	1	1	6.383366
Type 3_serv	BOBJ1	50	125.49	Before	Right Exterior Girder	12.78	0.95	1	1	6.440332
Type 3_serv	BOBJ1	51	125.49	After	Left Exterior Girder	12.78	0.95	1	1	6.376037
Type 3_serv	BOBJ1	51	125.49	After	Interior Girder 1	12.78	0.95	1	1	6.457874
Type 3_serv	BOBJ1	51	125.49	After	Interior Girder 2	12.78	0.95	1	1	6.459556
Type 3_serv	BOBJ1	51	125.49	After	Interior Girder 3	12.78	0.95	1	1	6.507522
Type 3_serv	BOBJ1	51	125.49	After	Interior Girder 4	12.78	0.95	1	1	6.507522
Type 3_serv	BOBJ1	51	125.49	After	Interior Girder 5	12.78	0.95	1	1	6.459556
Type 3_serv	BOBJ1	51	125.49	After	Interior Girder 6	12.78	0.95	1	1	6.457874
Type 3_serv	BOBJ1	51	125.49	After	Right Exterior Girder	12.78	0.95	1	1	6.376037
Type 3_serv	BOBJ1	52	131.88	Before	Left Exterior Girder	19.17	0.95	1	1	5.986882
Type 3_serv	BOBJ1	52	131.88	Before	Interior Girder 1	19.17	0.95	1	1	5.607589
Type 3_serv	BOBJ1	52	131.88	Before	Interior Girder 2	19.17	0.95	1	1	5.113195
Type 3_serv	BOBJ1	52	131.88	Before	Interior Girder 3	19.17	0.95	1	1	4.9599
Type 3_serv	BOBJ1	52	131.88	Before	Interior Girder 4	19.17	0.95	1	1	4.9599
Type 3_serv	BOBJ1	52	131.88	Before	Interior Girder 5	19.17	0.95	1	1	5.113195
Type 3_serv	BOBJ1	52	131.88	Before	Interior Girder 6	19.17	0.95	1	1	5.607589
Type 3_serv	BOBJ1	52	131.88	Before	Right Exterior Girder	19.17	0.95	1	1	5.986882
Type 3_serv	BOBJ1	53	131.88	After	Left Exterior Girder	19.17	0.95	1	1	6.039191
Type 3_serv	BOBJ1	53	131.88	After	Interior Girder 1	19.17	0.95	1	1	5.5755
Type 3_serv	BOBJ1	53	131.88	After	Interior Girder 2	19.17	0.95	1	1	5.103605
Type 3_serv	BOBJ1	53	131.88	After	Interior Girder 3	19.17	0.95	1	1	4.987135
Type 3_serv	BOBJ1	53	131.88	After	Interior Girder 4	19.17	0.95	1	1	4.987135

TABLE: Bridge Super Rating AASHTORATE18 31 - SteelICompServ-Flx - Approach, Span 16-19										
Request	BridgeObj	BridgeCut	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	Unitless	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Type 3_serv	BOBJ1	53	131.88	After	Interior Girder 5	19.17	0.95	1	1	5.103605
Type 3_serv	BOBJ1	53	131.88	After	Interior Girder 6	19.17	0.95	1	1	5.5755
Type 3_serv	BOBJ1	53	131.88	After	Right Exterior Girder	19.17	0.95	1	1	6.039191
Type 3_serv	BOBJ1	54	138.27	Before	Left Exterior Girder	25.56	0.95	1	1	5.364116
Type 3_serv	BOBJ1	54	138.27	Before	Interior Girder 1	25.56	0.95	1	1	4.398156
Type 3_serv	BOBJ1	54	138.27	Before	Interior Girder 2	25.56	0.95	1	1	4.156085
Type 3_serv	BOBJ1	54	138.27	Before	Interior Girder 3	25.56	0.95	1	1	3.971515
Type 3_serv	BOBJ1	54	138.27	Before	Interior Girder 4	25.56	0.95	1	1	3.971515
Type 3_serv	BOBJ1	54	138.27	Before	Interior Girder 5	25.56	0.95	1	1	4.156085
Type 3_serv	BOBJ1	54	138.27	Before	Interior Girder 6	25.56	0.95	1	1	4.398156
Type 3_serv	BOBJ1	54	138.27	Before	Right Exterior Girder	25.56	0.95	1	1	5.364116
Type 3_serv	BOBJ1	55	138.27	After	Left Exterior Girder	25.56	0.95	1	1	5.428688
Type 3_serv	BOBJ1	55	138.27	After	Interior Girder 1	25.56	0.95	1	1	4.365657
Type 3_serv	BOBJ1	55	138.27	After	Interior Girder 2	25.56	0.95	1	1	4.133863
Type 3_serv	BOBJ1	55	138.27	After	Interior Girder 3	25.56	0.95	1	1	3.969567
Type 3_serv	BOBJ1	55	138.27	After	Interior Girder 4	25.56	0.95	1	1	3.969567
Type 3_serv	BOBJ1	55	138.27	After	Interior Girder 5	25.56	0.95	1	1	4.133863
Type 3_serv	BOBJ1	55	138.27	After	Interior Girder 6	25.56	0.95	1	1	4.365657
Type 3_serv	BOBJ1	55	138.27	After	Right Exterior Girder	25.56	0.95	1	1	5.428688
Type 3_serv	BOBJ1	56	144.66	Before	Left Exterior Girder	31.95	0.95	1	1	5.542894
Type 3_serv	BOBJ1	56	144.66	Before	Interior Girder 1	31.95	0.95	1	1	4.405169
Type 3_serv	BOBJ1	56	144.66	Before	Interior Girder 2	31.95	0.95	1	1	4.170207
Type 3_serv	BOBJ1	56	144.66	Before	Interior Girder 3	31.95	0.95	1	1	4.004248
Type 3_serv	BOBJ1	56	144.66	Before	Interior Girder 4	31.95	0.95	1	1	4.004248
Type 3_serv	BOBJ1	56	144.66	Before	Interior Girder 5	31.95	0.95	1	1	4.170207
Type 3_serv	BOBJ1	56	144.66	Before	Interior Girder 6	31.95	0.95	1	1	4.405169
Type 3_serv	BOBJ1	56	144.66	Before	Right Exterior Girder	31.95	0.95	1	1	5.542894
Type 3_serv	BOBJ1	57	144.66	After	Left Exterior Girder	31.95	0.95	1	1	5.465864
Type 3_serv	BOBJ1	57	144.66	After	Interior Girder 1	31.95	0.95	1	1	4.446106
Type 3_serv	BOBJ1	57	144.66	After	Interior Girder 2	31.95	0.95	1	1	4.190839
Type 3_serv	BOBJ1	57	144.66	After	Interior Girder 3	31.95	0.95	1	1	4.00036
Type 3_serv	BOBJ1	57	144.66	After	Interior Girder 4	31.95	0.95	1	1	4.00036
Type 3_serv	BOBJ1	57	144.66	After	Interior Girder 5	31.95	0.95	1	1	4.190839
Type 3_serv	BOBJ1	57	144.66	After	Interior Girder 6	31.95	0.95	1	1	4.446106
Type 3_serv	BOBJ1	57	144.66	After	Right Exterior Girder	31.95	0.95	1	1	5.465864
Type 3_serv	BOBJ1	58	151.05	Before	Left Exterior Girder	38.34	0.95	1	1	6.427484
Type 3_serv	BOBJ1	58	151.05	Before	Interior Girder 1	38.34	0.95	1	1	5.742669
Type 3_serv	BOBJ1	58	151.05	Before	Interior Girder 2	38.34	0.95	1	1	5.241168
Type 3_serv	BOBJ1	58	151.05	Before	Interior Girder 3	38.34	0.95	1	1	5.107789
Type 3_serv	BOBJ1	58	151.05	Before	Interior Girder 4	38.34	0.95	1	1	5.107789
Type 3_serv	BOBJ1	58	151.05	Before	Interior Girder 5	38.34	0.95	1	1	5.241168
Type 3_serv	BOBJ1	58	151.05	Before	Interior Girder 6	38.34	0.95	1	1	5.742669
Type 3_serv	BOBJ1	58	151.05	Before	Right Exterior Girder	38.34	0.95	1	1	6.427484
Type 3_serv	BOBJ1	59	151.05	After	Left Exterior Girder	38.34	0.95	1	1	6.355633
Type 3_serv	BOBJ1	59	151.05	After	Interior Girder 1	38.34	0.95	1	1	5.789044
Type 3_serv	BOBJ1	59	151.05	After	Interior Girder 2	38.34	0.95	1	1	5.249877
Type 3_serv	BOBJ1	59	151.05	After	Interior Girder 3	38.34	0.95	1	1	5.070743
Type 3_serv	BOBJ1	59	151.05	After	Interior Girder 4	38.34	0.95	1	1	5.070743
Type 3_serv	BOBJ1	59	151.05	After	Interior Girder 5	38.34	0.95	1	1	5.249877
Type 3_serv	BOBJ1	59	151.05	After	Interior Girder 6	38.34	0.95	1	1	5.789044
Type 3_serv	BOBJ1	59	151.05	After	Right Exterior Girder	38.34	0.95	1	1	6.355633
Type 3_serv	BOBJ1	60	157.4367	Before	Left Exterior Girder	44.7267	0.95	1	1	6.512216
Type 3_serv	BOBJ1	60	157.4367	Before	Interior Girder 1	44.7267	0.95	1	1	6.830246
Type 3_serv	BOBJ1	60	157.4367	Before	Interior Girder 2	44.7267	0.95	1	1	6.668962
Type 3_serv	BOBJ1	60	157.4367	Before	Interior Girder 3	44.7267	0.95	1	1	6.701621
Type 3_serv	BOBJ1	60	157.4367	Before	Interior Girder 4	44.7267	0.95	1	1	6.701621
Type 3_serv	BOBJ1	60	157.4367	Before	Interior Girder 5	44.7267	0.95	1	1	6.668962
Type 3_serv	BOBJ1	60	157.4367	Before	Interior Girder 6	44.7267	0.95	1	1	6.830246
Type 3_serv	BOBJ1	60	157.4367	Before	Right Exterior Girder	44.7267	0.95	1	1	6.512216
Type 3_serv	BOBJ1	61	157.4367	After	Left Exterior Girder	44.7267	0.95	1	1	6.569187
Type 3_serv	BOBJ1	61	157.4367	After	Interior Girder 1	44.7267	0.95	1	1	6.776006
Type 3_serv	BOBJ1	61	157.4367	After	Interior Girder 2	44.7267	0.95	1	1	6.641041
Type 3_serv	BOBJ1	61	157.4367	After	Interior Girder 3	44.7267	0.95	1	1	6.691819
Type 3_serv	BOBJ1	61	157.4367	After	Interior Girder 4	44.7267	0.95	1	1	6.691819
Type 3_serv	BOBJ1	61	157.4367	After	Interior Girder 5	44.7267	0.95	1	1	6.641041
Type 3_serv	BOBJ1	61	157.4367	After	Interior Girder 6	44.7267	0.95	1	1	6.776006
Type 3_serv	BOBJ1	61	157.4367	After	Right Exterior Girder	44.7267	0.95	1	1	6.569187
Type 3_serv	BOBJ1	62	158.71	Before	Left Exterior Girder	46	0.95	1	1	6.084598
Type 3_serv	BOBJ1	62	158.71	Before	Interior Girder 1	46	0.95	1	1	6.438292
Type 3_serv	BOBJ1	62	158.71	Before	Interior Girder 2	46	0.95	1	1	6.239511
Type 3_serv	BOBJ1	62	158.71	Before	Interior Girder 3	46	0.95	1	1	6.212196
Type 3_serv	BOBJ1	62	158.71	Before	Interior Girder 4	46	0.95	1	1	6.212196
Type 3_serv	BOBJ1	62	158.71	Before	Interior Girder 5	46	0.95	1	1	6.239511

TABLE: Bridge Super Rating AASHTORATE18 31 - SteelICompServ-Flx - Approach, Span 16-19										
Request	BridgeObj	BridgeCut	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	Unitless	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Type 3_serv	BOBJ1	62	158.71	Before	Interior Girder 6	46	0.95	1	1	6.438292
Type 3_serv	BOBJ1	62	158.71	Before	Right Exterior Girder	46	0.95	1	1	6.084598
Type 3_serv	BOBJ1	63	158.71	After	Left Exterior Girder	46	0.95	1	1	8.296493
Type 3_serv	BOBJ1	63	158.71	After	Interior Girder 1	46	0.95	1	1	8.057315
Type 3_serv	BOBJ1	63	158.71	After	Interior Girder 2	46	0.95	1	1	7.784036
Type 3_serv	BOBJ1	63	158.71	After	Interior Girder 3	46	0.95	1	1	7.79022
Type 3_serv	BOBJ1	63	158.71	After	Interior Girder 4	46	0.95	1	1	7.79022
Type 3_serv	BOBJ1	63	158.71	After	Interior Girder 5	46	0.95	1	1	7.784036
Type 3_serv	BOBJ1	63	158.71	After	Interior Girder 6	46	0.95	1	1	8.057315
Type 3_serv	BOBJ1	63	158.71	After	Right Exterior Girder	46	0.95	1	1	8.296493
Type 3_serv	BOBJ1	64	163.8233	Before	Left Exterior Girder	51.1133	0.95	1	1	6.293352
Type 3_serv	BOBJ1	64	163.8233	Before	Interior Girder 1	51.1133	0.95	1	1	6.488909
Type 3_serv	BOBJ1	64	163.8233	Before	Interior Girder 2	51.1133	0.95	1	1	6.166688
Type 3_serv	BOBJ1	64	163.8233	Before	Interior Girder 3	51.1133	0.95	1	1	5.86492
Type 3_serv	BOBJ1	64	163.8233	Before	Interior Girder 4	51.1133	0.95	1	1	5.86492
Type 3_serv	BOBJ1	64	163.8233	Before	Interior Girder 5	51.1133	0.95	1	1	6.166688
Type 3_serv	BOBJ1	64	163.8233	Before	Interior Girder 6	51.1133	0.95	1	1	6.488909
Type 3_serv	BOBJ1	64	163.8233	Before	Right Exterior Girder	51.1133	0.95	1	1	6.293352
Type 3_serv	BOBJ1	65	163.8233	After	Left Exterior Girder	51.1133	0.95	1	1	6.38463
Type 3_serv	BOBJ1	65	163.8233	After	Interior Girder 1	51.1133	0.95	1	1	6.353366
Type 3_serv	BOBJ1	65	163.8233	After	Interior Girder 2	51.1133	0.95	1	1	6.050188
Type 3_serv	BOBJ1	65	163.8233	After	Interior Girder 3	51.1133	0.95	1	1	5.75356
Type 3_serv	BOBJ1	65	163.8233	After	Interior Girder 4	51.1133	0.95	1	1	5.75356
Type 3_serv	BOBJ1	65	163.8233	After	Interior Girder 5	51.1133	0.95	1	1	6.050188
Type 3_serv	BOBJ1	65	163.8233	After	Interior Girder 6	51.1133	0.95	1	1	6.353366
Type 3_serv	BOBJ1	65	163.8233	After	Right Exterior Girder	51.1133	0.95	1	1	6.38463
Type 3_serv	BOBJ1	66	164.71	Before	Left Exterior Girder	52	0.95	1	1	6.045752
Type 3_serv	BOBJ1	66	164.71	Before	Right Exterior Girder	52	0.95	1	1	6.045752
Type 3_serv	BOBJ1	67	164.71	After	Left Exterior Girder	52	0.95	1	1	9.108789
Type 3_serv	BOBJ1	67	164.71	After	Right Exterior Girder	52	0.95	1	1	9.108789
Type 3_serv	BOBJ1	68	170.21	Before	Left Exterior Girder	57.5	0.95	1	1	6.897084
Type 3_serv	BOBJ1	68	170.21	Before	Interior Girder 1	57.5	0.95	1	1	4.301851
Type 3_serv	BOBJ1	68	170.21	Before	Interior Girder 2	57.5	0.95	1	1	3.970484
Type 3_serv	BOBJ1	68	170.21	Before	Interior Girder 3	57.5	0.95	1	1	3.276533
Type 3_serv	BOBJ1	68	170.21	Before	Interior Girder 4	57.5	0.95	1	1	3.276533
Type 3_serv	BOBJ1	68	170.21	Before	Interior Girder 5	57.5	0.95	1	1	3.970484
Type 3_serv	BOBJ1	68	170.21	Before	Interior Girder 6	57.5	0.95	1	1	4.301851
Type 3_serv	BOBJ1	68	170.21	Before	Right Exterior Girder	57.5	0.95	1	1	6.897084
Type 3_serv	BOBJ1	69	170.21	After	Left Exterior Girder	0	0.95	1	1	6.940366
Type 3_serv	BOBJ1	69	170.21	After	Interior Girder 1	0	0.95	1	1	4.147047
Type 3_serv	BOBJ1	69	170.21	After	Interior Girder 2	0	0.95	1	1	3.89381
Type 3_serv	BOBJ1	69	170.21	After	Interior Girder 3	0	0.95	1	1	3.260604
Type 3_serv	BOBJ1	69	170.21	After	Interior Girder 4	0	0.95	1	1	3.260604
Type 3_serv	BOBJ1	69	170.21	After	Interior Girder 5	0	0.95	1	1	3.89381
Type 3_serv	BOBJ1	69	170.21	After	Interior Girder 6	0	0.95	1	1	4.147047
Type 3_serv	BOBJ1	69	170.21	After	Right Exterior Girder	0	0.95	1	1	6.940366
Type 3_serv	BOBJ1	70	176.21	Before	Left Exterior Girder	6	0.95	1	1	10.594539
Type 3_serv	BOBJ1	70	176.21	Before	Right Exterior Girder	6	0.95	1	1	10.594539
Type 3_serv	BOBJ1	71	176.21	After	Left Exterior Girder	6	0.95	1	1	7.136944
Type 3_serv	BOBJ1	71	176.21	After	Right Exterior Girder	6	0.95	1	1	7.136944
Type 3_serv	BOBJ1	72	176.6	Before	Left Exterior Girder	6.39	0.95	1	1	7.309977
Type 3_serv	BOBJ1	72	176.6	Before	Interior Girder 1	6.39	0.95	1	1	7.055501
Type 3_serv	BOBJ1	72	176.6	Before	Interior Girder 2	6.39	0.95	1	1	6.583435
Type 3_serv	BOBJ1	72	176.6	Before	Interior Girder 3	6.39	0.95	1	1	6.243905
Type 3_serv	BOBJ1	72	176.6	Before	Interior Girder 4	6.39	0.95	1	1	6.243905
Type 3_serv	BOBJ1	72	176.6	Before	Interior Girder 5	6.39	0.95	1	1	6.583435
Type 3_serv	BOBJ1	72	176.6	Before	Interior Girder 6	6.39	0.95	1	1	7.055501
Type 3_serv	BOBJ1	72	176.6	Before	Right Exterior Girder	6.39	0.95	1	1	7.309977
Type 3_serv	BOBJ1	73	176.6	After	Left Exterior Girder	6.39	0.95	1	1	7.156927
Type 3_serv	BOBJ1	73	176.6	After	Interior Girder 1	6.39	0.95	1	1	7.221122
Type 3_serv	BOBJ1	73	176.6	After	Interior Girder 2	6.39	0.95	1	1	6.732421
Type 3_serv	BOBJ1	73	176.6	After	Interior Girder 3	6.39	0.95	1	1	6.381362
Type 3_serv	BOBJ1	73	176.6	After	Interior Girder 4	6.39	0.95	1	1	6.381362
Type 3_serv	BOBJ1	73	176.6	After	Interior Girder 5	6.39	0.95	1	1	6.732421
Type 3_serv	BOBJ1	73	176.6	After	Interior Girder 6	6.39	0.95	1	1	7.221122
Type 3_serv	BOBJ1	73	176.6	After	Right Exterior Girder	6.39	0.95	1	1	7.156927
Type 3_serv	BOBJ1	74	182.99	Before	Left Exterior Girder	12.78	0.95	1	1	9.907016
Type 3_serv	BOBJ1	74	182.99	Before	Interior Girder 1	12.78	0.95	1	1	8.298443
Type 3_serv	BOBJ1	74	182.99	Before	Interior Girder 2	12.78	0.95	1	1	7.531083
Type 3_serv	BOBJ1	74	182.99	Before	Interior Girder 3	12.78	0.95	1	1	7.224769
Type 3_serv	BOBJ1	74	182.99	Before	Interior Girder 4	12.78	0.95	1	1	7.224769
Type 3_serv	BOBJ1	74	182.99	Before	Interior Girder 5	12.78	0.95	1	1	7.531083
Type 3_serv	BOBJ1	74	182.99	Before	Interior Girder 6	12.78	0.95	1	1	8.298443

TABLE: Bridge Super Rating AASHTORATE18 31 - SteelICompServ-Flx - Approach, Span 16-19										
Request	BridgeObj	BridgeCut	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	Unitless	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Type 3_serv	BOBJ1	74	182.99	Before	Right Exterior Girder	12.78	0.95	1	1	9.907016
Type 3_serv	BOBJ1	75	182.99	After	Left Exterior Girder	12.78	0.95	1	1	9.828914
Type 3_serv	BOBJ1	75	182.99	After	Interior Girder 1	12.78	0.95	1	1	8.305227
Type 3_serv	BOBJ1	75	182.99	After	Interior Girder 2	12.78	0.95	1	1	7.610865
Type 3_serv	BOBJ1	75	182.99	After	Interior Girder 3	12.78	0.95	1	1	7.458647
Type 3_serv	BOBJ1	75	182.99	After	Interior Girder 4	12.78	0.95	1	1	7.458647
Type 3_serv	BOBJ1	75	182.99	After	Interior Girder 5	12.78	0.95	1	1	7.610865
Type 3_serv	BOBJ1	75	182.99	After	Interior Girder 6	12.78	0.95	1	1	8.305227
Type 3_serv	BOBJ1	75	182.99	After	Right Exterior Girder	12.78	0.95	1	1	9.828914
Type 3_serv	BOBJ1	76	189.38	Before	Left Exterior Girder	19.17	0.95	1	1	6.265379
Type 3_serv	BOBJ1	76	189.38	Before	Interior Girder 1	19.17	0.95	1	1	5.58589
Type 3_serv	BOBJ1	76	189.38	Before	Interior Girder 2	19.17	0.95	1	1	5.116495
Type 3_serv	BOBJ1	76	189.38	Before	Interior Girder 3	19.17	0.95	1	1	5.009035
Type 3_serv	BOBJ1	76	189.38	Before	Interior Girder 4	19.17	0.95	1	1	5.009035
Type 3_serv	BOBJ1	76	189.38	Before	Interior Girder 5	19.17	0.95	1	1	5.116495
Type 3_serv	BOBJ1	76	189.38	Before	Interior Girder 6	19.17	0.95	1	1	5.58589
Type 3_serv	BOBJ1	76	189.38	Before	Right Exterior Girder	19.17	0.95	1	1	6.265379
Type 3_serv	BOBJ1	77	189.38	After	Left Exterior Girder	19.17	0.95	1	1	6.357532
Type 3_serv	BOBJ1	77	189.38	After	Interior Girder 1	19.17	0.95	1	1	5.529809
Type 3_serv	BOBJ1	77	189.38	After	Interior Girder 2	19.17	0.95	1	1	5.10806
Type 3_serv	BOBJ1	77	189.38	After	Interior Girder 3	19.17	0.95	1	1	5.048737
Type 3_serv	BOBJ1	77	189.38	After	Interior Girder 4	19.17	0.95	1	1	5.048737
Type 3_serv	BOBJ1	77	189.38	After	Interior Girder 5	19.17	0.95	1	1	5.10806
Type 3_serv	BOBJ1	77	189.38	After	Interior Girder 6	19.17	0.95	1	1	5.529809
Type 3_serv	BOBJ1	77	189.38	After	Right Exterior Girder	19.17	0.95	1	1	6.357532
Type 3_serv	BOBJ1	78	195.77	Before	Left Exterior Girder	25.56	0.95	1	1	4.878024
Type 3_serv	BOBJ1	78	195.77	Before	Interior Girder 1	25.56	0.95	1	1	3.949054
Type 3_serv	BOBJ1	78	195.77	Before	Interior Girder 2	25.56	0.95	1	1	3.775871
Type 3_serv	BOBJ1	78	195.77	Before	Interior Girder 3	25.56	0.95	1	1	3.668555
Type 3_serv	BOBJ1	78	195.77	Before	Interior Girder 4	25.56	0.95	1	1	3.668555
Type 3_serv	BOBJ1	78	195.77	Before	Interior Girder 5	25.56	0.95	1	1	3.775871
Type 3_serv	BOBJ1	78	195.77	Before	Interior Girder 6	25.56	0.95	1	1	3.949054
Type 3_serv	BOBJ1	78	195.77	Before	Right Exterior Girder	25.56	0.95	1	1	4.878024
Type 3_serv	BOBJ1	79	195.77	After	Left Exterior Girder	25.56	0.95	1	1	4.94826
Type 3_serv	BOBJ1	79	195.77	After	Interior Girder 1	25.56	0.95	1	1	3.903139
Type 3_serv	BOBJ1	79	195.77	After	Interior Girder 2	25.56	0.95	1	1	3.758644
Type 3_serv	BOBJ1	79	195.77	After	Interior Girder 3	25.56	0.95	1	1	3.67783
Type 3_serv	BOBJ1	79	195.77	After	Interior Girder 4	25.56	0.95	1	1	3.67783
Type 3_serv	BOBJ1	79	195.77	After	Interior Girder 5	25.56	0.95	1	1	3.758644
Type 3_serv	BOBJ1	79	195.77	After	Interior Girder 6	25.56	0.95	1	1	3.903139
Type 3_serv	BOBJ1	79	195.77	After	Right Exterior Girder	25.56	0.95	1	1	4.94826
Type 3_serv	BOBJ1	80	202.16	Before	Left Exterior Girder	31.95	0.95	1	1	4.343588
Type 3_serv	BOBJ1	80	202.16	Before	Interior Girder 1	31.95	0.95	1	1	3.519942
Type 3_serv	BOBJ1	80	202.16	Before	Interior Girder 2	31.95	0.95	1	1	3.408217
Type 3_serv	BOBJ1	80	202.16	Before	Interior Girder 3	31.95	0.95	1	1	3.327898
Type 3_serv	BOBJ1	80	202.16	Before	Interior Girder 4	31.95	0.95	1	1	3.327898
Type 3_serv	BOBJ1	80	202.16	Before	Interior Girder 5	31.95	0.95	1	1	3.408217
Type 3_serv	BOBJ1	80	202.16	Before	Interior Girder 6	31.95	0.95	1	1	3.519942
Type 3_serv	BOBJ1	80	202.16	Before	Right Exterior Girder	31.95	0.95	1	1	4.343588
Type 3_serv	BOBJ1	81	202.16	After	Left Exterior Girder	31.95	0.95	1	1	4.308824
Type 3_serv	BOBJ1	81	202.16	After	Interior Girder 1	31.95	0.95	1	1	3.536339
Type 3_serv	BOBJ1	81	202.16	After	Interior Girder 2	31.95	0.95	1	1	3.428495
Type 3_serv	BOBJ1	81	202.16	After	Interior Girder 3	31.95	0.95	1	1	3.341909
Type 3_serv	BOBJ1	81	202.16	After	Interior Girder 4	31.95	0.95	1	1	3.341909
Type 3_serv	BOBJ1	81	202.16	After	Interior Girder 5	31.95	0.95	1	1	3.428495
Type 3_serv	BOBJ1	81	202.16	After	Interior Girder 6	31.95	0.95	1	1	3.536339
Type 3_serv	BOBJ1	81	202.16	After	Right Exterior Girder	31.95	0.95	1	1	4.308824
Type 3_serv	BOBJ1	82	208.55	Before	Left Exterior Girder	38.34	0.95	1	1	4.217716
Type 3_serv	BOBJ1	82	208.55	Before	Interior Girder 1	38.34	0.95	1	1	3.82222
Type 3_serv	BOBJ1	82	208.55	Before	Interior Girder 2	38.34	0.95	1	1	3.65802
Type 3_serv	BOBJ1	82	208.55	Before	Interior Girder 3	38.34	0.95	1	1	3.62699
Type 3_serv	BOBJ1	82	208.55	Before	Interior Girder 4	38.34	0.95	1	1	3.62699
Type 3_serv	BOBJ1	82	208.55	Before	Interior Girder 5	38.34	0.95	1	1	3.65802
Type 3_serv	BOBJ1	82	208.55	Before	Interior Girder 6	38.34	0.95	1	1	3.82222
Type 3_serv	BOBJ1	82	208.55	Before	Right Exterior Girder	38.34	0.95	1	1	4.217716
Type 3_serv	BOBJ1	83	208.55	After	Left Exterior Girder	38.34	0.95	1	1	4.178559
Type 3_serv	BOBJ1	83	208.55	After	Interior Girder 1	38.34	0.95	1	1	3.845413
Type 3_serv	BOBJ1	83	208.55	After	Interior Girder 2	38.34	0.95	1	1	3.658457
Type 3_serv	BOBJ1	83	208.55	After	Interior Girder 3	38.34	0.95	1	1	3.621017
Type 3_serv	BOBJ1	83	208.55	After	Interior Girder 4	38.34	0.95	1	1	3.621017
Type 3_serv	BOBJ1	83	208.55	After	Interior Girder 5	38.34	0.95	1	1	3.658457
Type 3_serv	BOBJ1	83	208.55	After	Interior Girder 6	38.34	0.95	1	1	3.845413
Type 3_serv	BOBJ1	83	208.55	After	Right Exterior Girder	38.34	0.95	1	1	4.178559

TABLE: Bridge Super Rating AASHTORATE18 31 - SteelICompServ-Flx - Approach, Span 16-19										
Request	BridgeObj	BridgeCut	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	Unitless	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Type 3_serv	BOBJ1	84	215.1233	Before	Left Exterior Girder	44.9133	0.95	1	1	5.698225
Type 3_serv	BOBJ1	84	215.1233	Before	Interior Girder 1	44.9133	0.95	1	1	4.388003
Type 3_serv	BOBJ1	84	215.1233	Before	Interior Girder 2	44.9133	0.95	1	1	4.206713
Type 3_serv	BOBJ1	84	215.1233	Before	Interior Girder 3	44.9133	0.95	1	1	4.046552
Type 3_serv	BOBJ1	84	215.1233	Before	Interior Girder 4	44.9133	0.95	1	1	4.046552
Type 3_serv	BOBJ1	84	215.1233	Before	Interior Girder 5	44.9133	0.95	1	1	4.206713
Type 3_serv	BOBJ1	84	215.1233	Before	Interior Girder 6	44.9133	0.95	1	1	4.388003
Type 3_serv	BOBJ1	84	215.1233	Before	Right Exterior Girder	44.9133	0.95	1	1	5.698225
Type 3_serv	BOBJ1	85	215.1233	After	Left Exterior Girder	44.9133	0.95	1	1	5.673212
Type 3_serv	BOBJ1	85	215.1233	After	Interior Girder 1	44.9133	0.95	1	1	4.393794
Type 3_serv	BOBJ1	85	215.1233	After	Interior Girder 2	44.9133	0.95	1	1	4.148696
Type 3_serv	BOBJ1	85	215.1233	After	Interior Girder 3	44.9133	0.95	1	1	3.974068
Type 3_serv	BOBJ1	85	215.1233	After	Interior Girder 4	44.9133	0.95	1	1	3.974068
Type 3_serv	BOBJ1	85	215.1233	After	Interior Girder 5	44.9133	0.95	1	1	4.148696
Type 3_serv	BOBJ1	85	215.1233	After	Interior Girder 6	44.9133	0.95	1	1	4.393794
Type 3_serv	BOBJ1	85	215.1233	After	Right Exterior Girder	44.9133	0.95	1	1	5.673212
Type 3_serv	BOBJ1	86	221.6967	Before	Left Exterior Girder	51.4867	0.95	1	1	11.200777
Type 3_serv	BOBJ1	86	221.6967	Before	Interior Girder 1	51.4867	0.95	1	1	7.023643
Type 3_serv	BOBJ1	86	221.6967	Before	Interior Girder 2	51.4867	0.95	1	1	6.712934
Type 3_serv	BOBJ1	86	221.6967	Before	Interior Girder 3	51.4867	0.95	1	1	6.019728
Type 3_serv	BOBJ1	86	221.6967	Before	Interior Girder 4	51.4867	0.95	1	1	6.019728
Type 3_serv	BOBJ1	86	221.6967	Before	Interior Girder 5	51.4867	0.95	1	1	6.712934
Type 3_serv	BOBJ1	86	221.6967	Before	Interior Girder 6	51.4867	0.95	1	1	7.023643
Type 3_serv	BOBJ1	86	221.6967	Before	Right Exterior Girder	51.4867	0.95	1	1	11.200777
Type 3_serv	BOBJ1	87	221.6967	After	Left Exterior Girder	51.4867	0.95	1	1	11.148144
Type 3_serv	BOBJ1	87	221.6967	After	Interior Girder 1	51.4867	0.95	1	1	7.046066
Type 3_serv	BOBJ1	87	221.6967	After	Interior Girder 2	51.4867	0.95	1	1	6.616707
Type 3_serv	BOBJ1	87	221.6967	After	Interior Girder 3	51.4867	0.95	1	1	5.803222
Type 3_serv	BOBJ1	87	221.6967	After	Interior Girder 4	51.4867	0.95	1	1	5.803222
Type 3_serv	BOBJ1	87	221.6967	After	Interior Girder 5	51.4867	0.95	1	1	6.616707
Type 3_serv	BOBJ1	87	221.6967	After	Interior Girder 6	51.4867	0.95	1	1	7.046066
Type 3_serv	BOBJ1	87	221.6967	After	Right Exterior Girder	51.4867	0.95	1	1	11.148144
Type 3_serv	BOBJ1	88	228.27	Before	Left Exterior Girder	58.06	0.95	1	1	634.541048
Type 3_serv	BOBJ1	88	228.27	Before	Interior Girder 1	58.06	0.95	1	1	541.727736
Type 3_serv	BOBJ1	88	228.27	Before	Interior Girder 2	58.06	0.95	1	1	284.030906
Type 3_serv	BOBJ1	88	228.27	Before	Interior Girder 3	58.06	0.95	1	1	210.902062
Type 3_serv	BOBJ1	88	228.27	Before	Interior Girder 4	58.06	0.95	1	1	210.902061
Type 3_serv	BOBJ1	88	228.27	Before	Interior Girder 5	58.06	0.95	1	1	284.030906
Type 3_serv	BOBJ1	88	228.27	Before	Interior Girder 6	58.06	0.95	1	1	541.727735
Type 3_serv	BOBJ1	88	228.27	Before	Right Exterior Girder	58.06	0.95	1	1	634.541047
Type 3S2_serv	BOBJ1	1	0	After	Left Exterior Girder	0	0.95	1	1	891.286219
Type 3S2_serv	BOBJ1	1	0	After	Interior Girder 1	0	0.95	1	1	567.703468
Type 3S2_serv	BOBJ1	1	0	After	Interior Girder 2	0	0.95	1	1	341.1535
Type 3S2_serv	BOBJ1	1	0	After	Interior Girder 3	0	0.95	1	1	269.797775
Type 3S2_serv	BOBJ1	1	0	After	Interior Girder 4	0	0.95	1	1	269.797776
Type 3S2_serv	BOBJ1	1	0	After	Interior Girder 5	0	0.95	1	1	341.153504
Type 3S2_serv	BOBJ1	1	0	After	Interior Girder 6	0	0.95	1	1	567.703468
Type 3S2_serv	BOBJ1	1	0	After	Right Exterior Girder	0	0.95	1	1	891.286219
Type 3S2_serv	BOBJ1	2	5.3833	Before	Left Exterior Girder	5.3833	0.95	1	1	12.939483
Type 3S2_serv	BOBJ1	2	5.3833	Before	Interior Girder 1	5.3833	0.95	1	1	8.435112
Type 3S2_serv	BOBJ1	2	5.3833	Before	Interior Girder 2	5.3833	0.95	1	1	7.915288
Type 3S2_serv	BOBJ1	2	5.3833	Before	Interior Girder 3	5.3833	0.95	1	1	6.819239
Type 3S2_serv	BOBJ1	2	5.3833	Before	Interior Girder 4	5.3833	0.95	1	1	6.819239
Type 3S2_serv	BOBJ1	2	5.3833	Before	Interior Girder 5	5.3833	0.95	1	1	7.915288
Type 3S2_serv	BOBJ1	2	5.3833	Before	Interior Girder 6	5.3833	0.95	1	1	8.435112
Type 3S2_serv	BOBJ1	2	5.3833	Before	Right Exterior Girder	5.3833	0.95	1	1	12.939483
Type 3S2_serv	BOBJ1	3	5.3833	After	Left Exterior Girder	5.3833	0.95	1	1	13.140594
Type 3S2_serv	BOBJ1	3	5.3833	After	Interior Girder 1	5.3833	0.95	1	1	8.432749
Type 3S2_serv	BOBJ1	3	5.3833	After	Interior Girder 2	5.3833	0.95	1	1	8.039411
Type 3S2_serv	BOBJ1	3	5.3833	After	Interior Girder 3	5.3833	0.95	1	1	7.033429
Type 3S2_serv	BOBJ1	3	5.3833	After	Interior Girder 4	5.3833	0.95	1	1	7.033429
Type 3S2_serv	BOBJ1	3	5.3833	After	Interior Girder 5	5.3833	0.95	1	1	8.039411
Type 3S2_serv	BOBJ1	3	5.3833	After	Interior Girder 6	5.3833	0.95	1	1	8.432749
Type 3S2_serv	BOBJ1	3	5.3833	After	Right Exterior Girder	5.3833	0.95	1	1	13.140594
Type 3S2_serv	BOBJ1	4	10.7667	Before	Left Exterior Girder	10.7667	0.95	1	1	7.443059
Type 3S2_serv	BOBJ1	4	10.7667	Before	Interior Girder 1	10.7667	0.95	1	1	5.548347
Type 3S2_serv	BOBJ1	4	10.7667	Before	Interior Girder 2	10.7667	0.95	1	1	5.166651
Type 3S2_serv	BOBJ1	4	10.7667	Before	Interior Girder 3	10.7667	0.95	1	1	4.845783
Type 3S2_serv	BOBJ1	4	10.7667	Before	Interior Girder 4	10.7667	0.95	1	1	4.845783
Type 3S2_serv	BOBJ1	4	10.7667	Before	Interior Girder 5	10.7667	0.95	1	1	5.166651
Type 3S2_serv	BOBJ1	4	10.7667	Before	Interior Girder 6	10.7667	0.95	1	1	5.548347
Type 3S2_serv	BOBJ1	4	10.7667	Before	Right Exterior Girder	10.7667	0.95	1	1	7.443059
Type 3S2_serv	BOBJ1	5	10.7667	After	Left Exterior Girder	10.7667	0.95	1	1	7.428413

TABLE: Bridge Super Rating AASHTORATE18 31 - SteelICompServ-Flx - Approach, Span 16-19										
Request	BridgeObj	BridgeCut	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	Unitless	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Type 3S2_serv	BOBJ1	5	10.7667	After	Interior Girder 1	10.7667	0.95	1	1	5.569297
Type 3S2_serv	BOBJ1	5	10.7667	After	Interior Girder 2	10.7667	0.95	1	1	5.243538
Type 3S2_serv	BOBJ1	5	10.7667	After	Interior Girder 3	10.7667	0.95	1	1	4.930182
Type 3S2_serv	BOBJ1	5	10.7667	After	Interior Girder 4	10.7667	0.95	1	1	4.930182
Type 3S2_serv	BOBJ1	5	10.7667	After	Interior Girder 5	10.7667	0.95	1	1	5.243538
Type 3S2_serv	BOBJ1	5	10.7667	After	Interior Girder 6	10.7667	0.95	1	1	5.569297
Type 3S2_serv	BOBJ1	5	10.7667	After	Right Exterior Girder	10.7667	0.95	1	1	7.428413
Type 3S2_serv	BOBJ1	6	16.15	Before	Left Exterior Girder	16.15	0.95	1	1	5.641255
Type 3S2_serv	BOBJ1	6	16.15	Before	Interior Girder 1	16.15	0.95	1	1	5.050813
Type 3S2_serv	BOBJ1	6	16.15	Before	Interior Girder 2	16.15	0.95	1	1	4.678135
Type 3S2_serv	BOBJ1	6	16.15	Before	Interior Girder 3	16.15	0.95	1	1	4.505648
Type 3S2_serv	BOBJ1	6	16.15	Before	Interior Girder 4	16.15	0.95	1	1	4.505648
Type 3S2_serv	BOBJ1	6	16.15	Before	Interior Girder 5	16.15	0.95	1	1	4.678135
Type 3S2_serv	BOBJ1	6	16.15	Before	Interior Girder 6	16.15	0.95	1	1	5.050813
Type 3S2_serv	BOBJ1	6	16.15	Before	Right Exterior Girder	16.15	0.95	1	1	5.641255
Type 3S2_serv	BOBJ1	7	16.15	After	Left Exterior Girder	16.15	0.95	1	1	5.668429
Type 3S2_serv	BOBJ1	7	16.15	After	Interior Girder 1	16.15	0.95	1	1	5.029197
Type 3S2_serv	BOBJ1	7	16.15	After	Interior Girder 2	16.15	0.95	1	1	4.683151
Type 3S2_serv	BOBJ1	7	16.15	After	Interior Girder 3	16.15	0.95	1	1	4.527188
Type 3S2_serv	BOBJ1	7	16.15	After	Interior Girder 4	16.15	0.95	1	1	4.527188
Type 3S2_serv	BOBJ1	7	16.15	After	Interior Girder 5	16.15	0.95	1	1	4.683151
Type 3S2_serv	BOBJ1	7	16.15	After	Interior Girder 6	16.15	0.95	1	1	5.029197
Type 3S2_serv	BOBJ1	7	16.15	After	Right Exterior Girder	16.15	0.95	1	1	5.668429
Type 3S2_serv	BOBJ1	8	22.1267	Before	Left Exterior Girder	22.1267	0.95	1	1	6.12645
Type 3S2_serv	BOBJ1	8	22.1267	Before	Interior Girder 1	22.1267	0.95	1	1	4.750713
Type 3S2_serv	BOBJ1	8	22.1267	Before	Interior Girder 2	22.1267	0.95	1	1	4.491433
Type 3S2_serv	BOBJ1	8	22.1267	Before	Interior Girder 3	22.1267	0.95	1	1	4.280355
Type 3S2_serv	BOBJ1	8	22.1267	Before	Interior Girder 4	22.1267	0.95	1	1	4.280355
Type 3S2_serv	BOBJ1	8	22.1267	Before	Interior Girder 5	22.1267	0.95	1	1	4.491433
Type 3S2_serv	BOBJ1	8	22.1267	Before	Interior Girder 6	22.1267	0.95	1	1	4.750713
Type 3S2_serv	BOBJ1	8	22.1267	Before	Right Exterior Girder	22.1267	0.95	1	1	6.12645
Type 3S2_serv	BOBJ1	9	22.1267	After	Left Exterior Girder	22.1267	0.95	1	1	6.157341
Type 3S2_serv	BOBJ1	9	22.1267	After	Interior Girder 1	22.1267	0.95	1	1	4.729121
Type 3S2_serv	BOBJ1	9	22.1267	After	Interior Girder 2	22.1267	0.95	1	1	4.463068
Type 3S2_serv	BOBJ1	9	22.1267	After	Interior Girder 3	22.1267	0.95	1	1	4.261826
Type 3S2_serv	BOBJ1	9	22.1267	After	Interior Girder 4	22.1267	0.95	1	1	4.261826
Type 3S2_serv	BOBJ1	9	22.1267	After	Interior Girder 5	22.1267	0.95	1	1	4.463068
Type 3S2_serv	BOBJ1	9	22.1267	After	Interior Girder 6	22.1267	0.95	1	1	4.729121
Type 3S2_serv	BOBJ1	9	22.1267	After	Right Exterior Girder	22.1267	0.95	1	1	6.157341
Type 3S2_serv	BOBJ1	10	28.1033	Before	Left Exterior Girder	28.1033	0.95	1	1	6.787786
Type 3S2_serv	BOBJ1	10	28.1033	Before	Interior Girder 1	28.1033	0.95	1	1	5.690436
Type 3S2_serv	BOBJ1	10	28.1033	Before	Interior Girder 2	28.1033	0.95	1	1	5.344398
Type 3S2_serv	BOBJ1	10	28.1033	Before	Interior Girder 3	28.1033	0.95	1	1	5.098846
Type 3S2_serv	BOBJ1	10	28.1033	Before	Interior Girder 4	28.1033	0.95	1	1	5.098846
Type 3S2_serv	BOBJ1	10	28.1033	Before	Interior Girder 5	28.1033	0.95	1	1	5.344398
Type 3S2_serv	BOBJ1	10	28.1033	Before	Interior Girder 6	28.1033	0.95	1	1	5.690436
Type 3S2_serv	BOBJ1	10	28.1033	Before	Right Exterior Girder	28.1033	0.95	1	1	6.787786
Type 3S2_serv	BOBJ1	11	28.1033	After	Left Exterior Girder	28.1033	0.95	1	1	6.899531
Type 3S2_serv	BOBJ1	11	28.1033	After	Interior Girder 1	28.1033	0.95	1	1	5.742961
Type 3S2_serv	BOBJ1	11	28.1033	After	Interior Girder 2	28.1033	0.95	1	1	5.351184
Type 3S2_serv	BOBJ1	11	28.1033	After	Interior Girder 3	28.1033	0.95	1	1	5.059749
Type 3S2_serv	BOBJ1	11	28.1033	After	Interior Girder 4	28.1033	0.95	1	1	5.059749
Type 3S2_serv	BOBJ1	11	28.1033	After	Interior Girder 5	28.1033	0.95	1	1	5.351184
Type 3S2_serv	BOBJ1	11	28.1033	After	Interior Girder 6	28.1033	0.95	1	1	5.742961
Type 3S2_serv	BOBJ1	11	28.1033	After	Right Exterior Girder	28.1033	0.95	1	1	6.899531
Type 3S2_serv	BOBJ1	12	34.08	Before	Left Exterior Girder	34.08	0.95	1	1	4.933163
Type 3S2_serv	BOBJ1	12	34.08	Before	Interior Girder 1	34.08	0.95	1	1	4.986582
Type 3S2_serv	BOBJ1	12	34.08	Before	Interior Girder 2	34.08	0.95	1	1	5.002857
Type 3S2_serv	BOBJ1	12	34.08	Before	Interior Girder 3	34.08	0.95	1	1	5.194636
Type 3S2_serv	BOBJ1	12	34.08	Before	Interior Girder 4	34.08	0.95	1	1	5.194636
Type 3S2_serv	BOBJ1	12	34.08	Before	Interior Girder 5	34.08	0.95	1	1	5.002857
Type 3S2_serv	BOBJ1	12	34.08	Before	Interior Girder 6	34.08	0.95	1	1	4.986582
Type 3S2_serv	BOBJ1	12	34.08	Before	Right Exterior Girder	34.08	0.95	1	1	4.933163
Type 3S2_serv	BOBJ1	13	34.08	After	Left Exterior Girder	34.08	0.95	1	1	4.984862
Type 3S2_serv	BOBJ1	13	34.08	After	Interior Girder 1	34.08	0.95	1	1	4.937133
Type 3S2_serv	BOBJ1	13	34.08	After	Interior Girder 2	34.08	0.95	1	1	4.969317
Type 3S2_serv	BOBJ1	13	34.08	After	Interior Girder 3	34.08	0.95	1	1	5.19911
Type 3S2_serv	BOBJ1	13	34.08	After	Interior Girder 4	34.08	0.95	1	1	5.19911
Type 3S2_serv	BOBJ1	13	34.08	After	Interior Girder 5	34.08	0.95	1	1	4.969317
Type 3S2_serv	BOBJ1	13	34.08	After	Interior Girder 6	34.08	0.95	1	1	4.937133
Type 3S2_serv	BOBJ1	13	34.08	After	Right Exterior Girder	34.08	0.95	1	1	4.984862
Type 3S2_serv	BOBJ1	14	39.855	Before	Left Exterior Girder	39.855	0.95	1	1	3.361481
Type 3S2_serv	BOBJ1	14	39.855	Before	Interior Girder 1	39.855	0.95	1	1	3.78951

TABLE: Bridge Super Rating AASHTORATE18 31 - SteelICompServ-Flx - Approach, Span 16-19										
Request	BridgeObj	BridgeCut	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	Unitless	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Type 3S2_serv	BOBJ1	14	39.855	Before	Interior Girder 2	39.855	0.95	1	1	3.75339
Type 3S2_serv	BOBJ1	14	39.855	Before	Interior Girder 3	39.855	0.95	1	1	3.594112
Type 3S2_serv	BOBJ1	14	39.855	Before	Interior Girder 4	39.855	0.95	1	1	3.594112
Type 3S2_serv	BOBJ1	14	39.855	Before	Interior Girder 5	39.855	0.95	1	1	3.75339
Type 3S2_serv	BOBJ1	14	39.855	Before	Interior Girder 6	39.855	0.95	1	1	3.78951
Type 3S2_serv	BOBJ1	14	39.855	Before	Right Exterior Girder	39.855	0.95	1	1	3.361481
Type 3S2_serv	BOBJ1	15	39.855	After	Left Exterior Girder	39.855	0.95	1	1	3.424842
Type 3S2_serv	BOBJ1	15	39.855	After	Interior Girder 1	39.855	0.95	1	1	3.734184
Type 3S2_serv	BOBJ1	15	39.855	After	Interior Girder 2	39.855	0.95	1	1	3.707698
Type 3S2_serv	BOBJ1	15	39.855	After	Interior Girder 3	39.855	0.95	1	1	3.576427
Type 3S2_serv	BOBJ1	15	39.855	After	Interior Girder 4	39.855	0.95	1	1	3.576427
Type 3S2_serv	BOBJ1	15	39.855	After	Interior Girder 5	39.855	0.95	1	1	3.707698
Type 3S2_serv	BOBJ1	15	39.855	After	Interior Girder 6	39.855	0.95	1	1	3.734184
Type 3S2_serv	BOBJ1	15	39.855	After	Right Exterior Girder	39.855	0.95	1	1	3.424842
Type 3S2_serv	BOBJ1	16	40.0288	Before	Left Exterior Girder	40.0288	0.95	1	1	3.363528
Type 3S2_serv	BOBJ1	16	40.0288	Before	Right Exterior Girder	40.0288	0.95	1	1	3.363528
Type 3S2_serv	BOBJ1	17	40.0288	After	Left Exterior Girder	40.0288	0.95	1	1	4.83326
Type 3S2_serv	BOBJ1	17	40.0288	After	Right Exterior Girder	40.0288	0.95	1	1	4.83326
Type 3S2_serv	BOBJ1	18	45.63	Before	Left Exterior Girder	45.63	0.95	1	1	3.295546
Type 3S2_serv	BOBJ1	18	45.63	Before	Interior Girder 1	45.63	0.95	1	1	2.565169
Type 3S2_serv	BOBJ1	18	45.63	Before	Interior Girder 2	45.63	0.95	1	1	2.470589
Type 3S2_serv	BOBJ1	18	45.63	Before	Interior Girder 3	45.63	0.95	1	1	1.978621
Type 3S2_serv	BOBJ1	18	45.63	Before	Interior Girder 4	45.63	0.95	1	1	1.978621
Type 3S2_serv	BOBJ1	18	45.63	Before	Interior Girder 5	45.63	0.95	1	1	2.470589
Type 3S2_serv	BOBJ1	18	45.63	Before	Interior Girder 6	45.63	0.95	1	1	2.565169
Type 3S2_serv	BOBJ1	18	45.63	Before	Right Exterior Girder	45.63	0.95	1	1	3.295546
Type 3S2_serv	BOBJ1	19	45.63	After	Left Exterior Girder	0	0.95	1	1	3.315707
Type 3S2_serv	BOBJ1	19	45.63	After	Interior Girder 1	0	0.95	1	1	2.478594
Type 3S2_serv	BOBJ1	19	45.63	After	Interior Girder 2	0	0.95	1	1	2.422791
Type 3S2_serv	BOBJ1	19	45.63	After	Interior Girder 3	0	0.95	1	1	1.964447
Type 3S2_serv	BOBJ1	19	45.63	After	Interior Girder 4	0	0.95	1	1	1.964447
Type 3S2_serv	BOBJ1	19	45.63	After	Interior Girder 5	0	0.95	1	1	2.422791
Type 3S2_serv	BOBJ1	19	45.63	After	Interior Girder 6	0	0.95	1	1	2.478594
Type 3S2_serv	BOBJ1	19	45.63	After	Right Exterior Girder	0	0.95	1	1	3.315707
Type 3S2_serv	BOBJ1	20	50.6298	Before	Left Exterior Girder	4.9998	0.95	1	1	8.920521
Type 3S2_serv	BOBJ1	20	50.6298	Before	Right Exterior Girder	4.9998	0.95	1	1	8.920521
Type 3S2_serv	BOBJ1	21	50.6298	After	Left Exterior Girder	4.9998	0.95	1	1	5.932663
Type 3S2_serv	BOBJ1	21	50.6298	After	Right Exterior Girder	4.9998	0.95	1	1	5.932663
Type 3S2_serv	BOBJ1	22	51.4	Before	Left Exterior Girder	5.77	0.95	1	1	7.674903
Type 3S2_serv	BOBJ1	22	51.4	Before	Interior Girder 1	5.77	0.95	1	1	6.967215
Type 3S2_serv	BOBJ1	22	51.4	Before	Interior Girder 2	5.77	0.95	1	1	6.75834
Type 3S2_serv	BOBJ1	22	51.4	Before	Interior Girder 3	5.77	0.95	1	1	5.828478
Type 3S2_serv	BOBJ1	22	51.4	Before	Interior Girder 4	5.77	0.95	1	1	5.828478
Type 3S2_serv	BOBJ1	22	51.4	Before	Interior Girder 5	5.77	0.95	1	1	6.75834
Type 3S2_serv	BOBJ1	22	51.4	Before	Interior Girder 6	5.77	0.95	1	1	6.967215
Type 3S2_serv	BOBJ1	22	51.4	Before	Right Exterior Girder	5.77	0.95	1	1	7.674903
Type 3S2_serv	BOBJ1	23	51.4	After	Left Exterior Girder	5.77	0.95	1	1	7.386457
Type 3S2_serv	BOBJ1	23	51.4	After	Interior Girder 1	5.77	0.95	1	1	7.153761
Type 3S2_serv	BOBJ1	23	51.4	After	Interior Girder 2	5.77	0.95	1	1	6.712498
Type 3S2_serv	BOBJ1	23	51.4	After	Interior Girder 3	5.77	0.95	1	1	5.690921
Type 3S2_serv	BOBJ1	23	51.4	After	Interior Girder 4	5.77	0.95	1	1	5.690921
Type 3S2_serv	BOBJ1	23	51.4	After	Interior Girder 5	5.77	0.95	1	1	6.712498
Type 3S2_serv	BOBJ1	23	51.4	After	Interior Girder 6	5.77	0.95	1	1	7.153761
Type 3S2_serv	BOBJ1	23	51.4	After	Right Exterior Girder	5.77	0.95	1	1	7.386457
Type 3S2_serv	BOBJ1	24	57.17	Before	Left Exterior Girder	11.54	0.95	1	1	11.577603
Type 3S2_serv	BOBJ1	24	57.17	Before	Interior Girder 1	11.54	0.95	1	1	10.72427
Type 3S2_serv	BOBJ1	24	57.17	Before	Interior Girder 2	11.54	0.95	1	1	9.442936
Type 3S2_serv	BOBJ1	24	57.17	Before	Interior Girder 3	11.54	0.95	1	1	9.059151
Type 3S2_serv	BOBJ1	24	57.17	Before	Interior Girder 4	11.54	0.95	1	1	9.059151
Type 3S2_serv	BOBJ1	24	57.17	Before	Interior Girder 5	11.54	0.95	1	1	9.442936
Type 3S2_serv	BOBJ1	24	57.17	Before	Interior Girder 6	11.54	0.95	1	1	10.72427
Type 3S2_serv	BOBJ1	24	57.17	Before	Right Exterior Girder	11.54	0.95	1	1	11.577603
Type 3S2_serv	BOBJ1	25	57.17	After	Left Exterior Girder	11.54	0.95	1	1	11.455652
Type 3S2_serv	BOBJ1	25	57.17	After	Interior Girder 1	11.54	0.95	1	1	10.809424
Type 3S2_serv	BOBJ1	25	57.17	After	Interior Girder 2	11.54	0.95	1	1	9.416328
Type 3S2_serv	BOBJ1	25	57.17	After	Interior Girder 3	11.54	0.95	1	1	9.189467
Type 3S2_serv	BOBJ1	25	57.17	After	Interior Girder 4	11.54	0.95	1	1	9.189467
Type 3S2_serv	BOBJ1	25	57.17	After	Interior Girder 5	11.54	0.95	1	1	9.416328
Type 3S2_serv	BOBJ1	25	57.17	After	Interior Girder 6	11.54	0.95	1	1	10.809424
Type 3S2_serv	BOBJ1	25	57.17	After	Right Exterior Girder	11.54	0.95	1	1	11.455652
Type 3S2_serv	BOBJ1	26	63.34	Before	Left Exterior Girder	17.71	0.95	1	1	6.602744
Type 3S2_serv	BOBJ1	26	63.34	Before	Interior Girder 1	17.71	0.95	1	1	5.33987
Type 3S2_serv	BOBJ1	26	63.34	Before	Interior Girder 2	17.71	0.95	1	1	4.964838

TABLE: Bridge Super Rating AASHTORATE18 31 - SteelICompServ-Flx - Approach, Span 16-19										
Request	BridgeObj	BridgeCut	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	Unitless	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Type 3S2_serv	BOBJ1	26	63.34	Before	Interior Girder 3	17.71	0.95	1	1	4.7665
Type 3S2_serv	BOBJ1	26	63.34	Before	Interior Girder 4	17.71	0.95	1	1	4.7665
Type 3S2_serv	BOBJ1	26	63.34	Before	Interior Girder 5	17.71	0.95	1	1	4.964838
Type 3S2_serv	BOBJ1	26	63.34	Before	Interior Girder 6	17.71	0.95	1	1	5.33987
Type 3S2_serv	BOBJ1	26	63.34	Before	Right Exterior Girder	17.71	0.95	1	1	6.602744
Type 3S2_serv	BOBJ1	27	63.34	After	Left Exterior Girder	17.71	0.95	1	1	6.814467
Type 3S2_serv	BOBJ1	27	63.34	After	Interior Girder 1	17.71	0.95	1	1	5.233696
Type 3S2_serv	BOBJ1	27	63.34	After	Interior Girder 2	17.71	0.95	1	1	4.93811
Type 3S2_serv	BOBJ1	27	63.34	After	Interior Girder 3	17.71	0.95	1	1	4.827925
Type 3S2_serv	BOBJ1	27	63.34	After	Interior Girder 4	17.71	0.95	1	1	4.827925
Type 3S2_serv	BOBJ1	27	63.34	After	Interior Girder 5	17.71	0.95	1	1	4.93811
Type 3S2_serv	BOBJ1	27	63.34	After	Interior Girder 6	17.71	0.95	1	1	5.233696
Type 3S2_serv	BOBJ1	27	63.34	After	Right Exterior Girder	17.71	0.95	1	1	6.814467
Type 3S2_serv	BOBJ1	28	69.51	Before	Left Exterior Girder	23.88	0.95	1	1	4.240193
Type 3S2_serv	BOBJ1	28	69.51	Before	Interior Girder 1	23.88	0.95	1	1	3.765519
Type 3S2_serv	BOBJ1	28	69.51	Before	Interior Girder 2	23.88	0.95	1	1	3.620206
Type 3S2_serv	BOBJ1	28	69.51	Before	Interior Girder 3	23.88	0.95	1	1	3.544614
Type 3S2_serv	BOBJ1	28	69.51	Before	Interior Girder 4	23.88	0.95	1	1	3.544614
Type 3S2_serv	BOBJ1	28	69.51	Before	Interior Girder 5	23.88	0.95	1	1	3.620206
Type 3S2_serv	BOBJ1	28	69.51	Before	Interior Girder 6	23.88	0.95	1	1	3.765519
Type 3S2_serv	BOBJ1	28	69.51	Before	Right Exterior Girder	23.88	0.95	1	1	4.240193
Type 3S2_serv	BOBJ1	29	69.51	After	Left Exterior Girder	23.88	0.95	1	1	4.284707
Type 3S2_serv	BOBJ1	29	69.51	After	Interior Girder 1	23.88	0.95	1	1	3.754547
Type 3S2_serv	BOBJ1	29	69.51	After	Interior Girder 2	23.88	0.95	1	1	3.640909
Type 3S2_serv	BOBJ1	29	69.51	After	Interior Girder 3	23.88	0.95	1	1	3.591222
Type 3S2_serv	BOBJ1	29	69.51	After	Interior Girder 4	23.88	0.95	1	1	3.591222
Type 3S2_serv	BOBJ1	29	69.51	After	Interior Girder 5	23.88	0.95	1	1	3.640909
Type 3S2_serv	BOBJ1	29	69.51	After	Interior Girder 6	23.88	0.95	1	1	3.754547
Type 3S2_serv	BOBJ1	29	69.51	After	Right Exterior Girder	23.88	0.95	1	1	4.284707
Type 3S2_serv	BOBJ1	30	75.68	Before	Left Exterior Girder	30.05	0.95	1	1	3.29247
Type 3S2_serv	BOBJ1	30	75.68	Before	Interior Girder 1	30.05	0.95	1	1	3.411118
Type 3S2_serv	BOBJ1	30	75.68	Before	Interior Girder 2	30.05	0.95	1	1	3.347416
Type 3S2_serv	BOBJ1	30	75.68	Before	Interior Girder 3	30.05	0.95	1	1	3.340937
Type 3S2_serv	BOBJ1	30	75.68	Before	Interior Girder 4	30.05	0.95	1	1	3.340937
Type 3S2_serv	BOBJ1	30	75.68	Before	Interior Girder 5	30.05	0.95	1	1	3.347416
Type 3S2_serv	BOBJ1	30	75.68	Before	Interior Girder 6	30.05	0.95	1	1	3.411118
Type 3S2_serv	BOBJ1	30	75.68	Before	Right Exterior Girder	30.05	0.95	1	1	3.29247
Type 3S2_serv	BOBJ1	31	75.68	After	Left Exterior Girder	30.05	0.95	1	1	3.320198
Type 3S2_serv	BOBJ1	31	75.68	After	Interior Girder 1	30.05	0.95	1	1	3.390635
Type 3S2_serv	BOBJ1	31	75.68	After	Interior Girder 2	30.05	0.95	1	1	3.345791
Type 3S2_serv	BOBJ1	31	75.68	After	Interior Girder 3	30.05	0.95	1	1	3.345511
Type 3S2_serv	BOBJ1	31	75.68	After	Interior Girder 4	30.05	0.95	1	1	3.345511
Type 3S2_serv	BOBJ1	31	75.68	After	Interior Girder 5	30.05	0.95	1	1	3.345791
Type 3S2_serv	BOBJ1	31	75.68	After	Interior Girder 6	30.05	0.95	1	1	3.390635
Type 3S2_serv	BOBJ1	31	75.68	After	Right Exterior Girder	30.05	0.95	1	1	3.320198
Type 3S2_serv	BOBJ1	32	81.8467	Before	Left Exterior Girder	36.2167	0.95	1	1	3.439468
Type 3S2_serv	BOBJ1	32	81.8467	Before	Interior Girder 1	36.2167	0.95	1	1	3.191704
Type 3S2_serv	BOBJ1	32	81.8467	Before	Interior Girder 2	36.2167	0.95	1	1	3.136275
Type 3S2_serv	BOBJ1	32	81.8467	Before	Interior Girder 3	36.2167	0.95	1	1	3.064801
Type 3S2_serv	BOBJ1	32	81.8467	Before	Interior Girder 4	36.2167	0.95	1	1	3.064801
Type 3S2_serv	BOBJ1	32	81.8467	Before	Interior Girder 5	36.2167	0.95	1	1	3.136275
Type 3S2_serv	BOBJ1	32	81.8467	Before	Interior Girder 6	36.2167	0.95	1	1	3.191704
Type 3S2_serv	BOBJ1	32	81.8467	Before	Right Exterior Girder	36.2167	0.95	1	1	3.439468
Type 3S2_serv	BOBJ1	33	81.8467	After	Left Exterior Girder	36.2167	0.95	1	1	3.44279
Type 3S2_serv	BOBJ1	33	81.8467	After	Interior Girder 1	36.2167	0.95	1	1	3.185445
Type 3S2_serv	BOBJ1	33	81.8467	After	Interior Girder 2	36.2167	0.95	1	1	3.124831
Type 3S2_serv	BOBJ1	33	81.8467	After	Interior Girder 3	36.2167	0.95	1	1	3.059713
Type 3S2_serv	BOBJ1	33	81.8467	After	Interior Girder 4	36.2167	0.95	1	1	3.059713
Type 3S2_serv	BOBJ1	33	81.8467	After	Interior Girder 5	36.2167	0.95	1	1	3.124831
Type 3S2_serv	BOBJ1	33	81.8467	After	Interior Girder 6	36.2167	0.95	1	1	3.185445
Type 3S2_serv	BOBJ1	33	81.8467	After	Right Exterior Girder	36.2167	0.95	1	1	3.44279
Type 3S2_serv	BOBJ1	34	88.0133	Before	Left Exterior Girder	42.3833	0.95	1	1	4.047722
Type 3S2_serv	BOBJ1	34	88.0133	Before	Interior Girder 1	42.3833	0.95	1	1	3.576162
Type 3S2_serv	BOBJ1	34	88.0133	Before	Interior Girder 2	42.3833	0.95	1	1	3.463487
Type 3S2_serv	BOBJ1	34	88.0133	Before	Interior Girder 3	42.3833	0.95	1	1	3.405416
Type 3S2_serv	BOBJ1	34	88.0133	Before	Interior Girder 4	42.3833	0.95	1	1	3.405416
Type 3S2_serv	BOBJ1	34	88.0133	Before	Interior Girder 5	42.3833	0.95	1	1	3.463487
Type 3S2_serv	BOBJ1	34	88.0133	Before	Interior Girder 6	42.3833	0.95	1	1	3.576162
Type 3S2_serv	BOBJ1	34	88.0133	Before	Right Exterior Girder	42.3833	0.95	1	1	4.047722
Type 3S2_serv	BOBJ1	35	88.0133	After	Left Exterior Girder	42.3833	0.95	1	1	3.957752
Type 3S2_serv	BOBJ1	35	88.0133	After	Interior Girder 1	42.3833	0.95	1	1	3.623185
Type 3S2_serv	BOBJ1	35	88.0133	After	Interior Girder 2	42.3833	0.95	1	1	3.47943
Type 3S2_serv	BOBJ1	35	88.0133	After	Interior Girder 3	42.3833	0.95	1	1	3.386984

TABLE: Bridge Super Rating AASHTORATE18 31 - SteelICompServ-Flx - Approach, Span 16-19										
Request	BridgeObj	BridgeCut	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	Unitless	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Type 3S2_serv	BOBJ1	35	88.0133	After	Interior Girder 4	42.3833	0.95	1	1	3.386984
Type 3S2_serv	BOBJ1	35	88.0133	After	Interior Girder 5	42.3833	0.95	1	1	3.47943
Type 3S2_serv	BOBJ1	35	88.0133	After	Interior Girder 6	42.3833	0.95	1	1	3.623185
Type 3S2_serv	BOBJ1	35	88.0133	After	Right Exterior Girder	42.3833	0.95	1	1	3.957752
Type 3S2_serv	BOBJ1	36	94.18	Before	Left Exterior Girder	48.55	0.95	1	1	5.456332
Type 3S2_serv	BOBJ1	36	94.18	Before	Interior Girder 1	48.55	0.95	1	1	5.261238
Type 3S2_serv	BOBJ1	36	94.18	Before	Interior Girder 2	48.55	0.95	1	1	4.909946
Type 3S2_serv	BOBJ1	36	94.18	Before	Interior Girder 3	48.55	0.95	1	1	4.915215
Type 3S2_serv	BOBJ1	36	94.18	Before	Interior Girder 4	48.55	0.95	1	1	4.915215
Type 3S2_serv	BOBJ1	36	94.18	Before	Interior Girder 5	48.55	0.95	1	1	4.909946
Type 3S2_serv	BOBJ1	36	94.18	Before	Interior Girder 6	48.55	0.95	1	1	5.261238
Type 3S2_serv	BOBJ1	36	94.18	Before	Right Exterior Girder	48.55	0.95	1	1	5.456332
Type 3S2_serv	BOBJ1	37	94.18	After	Left Exterior Girder	48.55	0.95	1	1	5.353999
Type 3S2_serv	BOBJ1	37	94.18	After	Interior Girder 1	48.55	0.95	1	1	5.339888
Type 3S2_serv	BOBJ1	37	94.18	After	Interior Girder 2	48.55	0.95	1	1	4.908657
Type 3S2_serv	BOBJ1	37	94.18	After	Interior Girder 3	48.55	0.95	1	1	4.833218
Type 3S2_serv	BOBJ1	37	94.18	After	Interior Girder 4	48.55	0.95	1	1	4.833218
Type 3S2_serv	BOBJ1	37	94.18	After	Interior Girder 5	48.55	0.95	1	1	4.908657
Type 3S2_serv	BOBJ1	37	94.18	After	Interior Girder 6	48.55	0.95	1	1	5.339888
Type 3S2_serv	BOBJ1	37	94.18	After	Right Exterior Girder	48.55	0.95	1	1	5.353999
Type 3S2_serv	BOBJ1	38	100.3567	Before	Left Exterior Girder	54.7267	0.95	1	1	8.347887
Type 3S2_serv	BOBJ1	38	100.3567	Before	Interior Girder 1	54.7267	0.95	1	1	8.270223
Type 3S2_serv	BOBJ1	38	100.3567	Before	Interior Girder 2	54.7267	0.95	1	1	7.809484
Type 3S2_serv	BOBJ1	38	100.3567	Before	Interior Girder 3	54.7267	0.95	1	1	7.475478
Type 3S2_serv	BOBJ1	38	100.3567	Before	Interior Girder 4	54.7267	0.95	1	1	7.475478
Type 3S2_serv	BOBJ1	38	100.3567	Before	Interior Girder 5	54.7267	0.95	1	1	7.809484
Type 3S2_serv	BOBJ1	38	100.3567	Before	Interior Girder 6	54.7267	0.95	1	1	8.270223
Type 3S2_serv	BOBJ1	38	100.3567	Before	Right Exterior Girder	54.7267	0.95	1	1	8.347887
Type 3S2_serv	BOBJ1	39	100.3567	After	Left Exterior Girder	54.7267	0.95	1	1	8.46053
Type 3S2_serv	BOBJ1	39	100.3567	After	Interior Girder 1	54.7267	0.95	1	1	8.178972
Type 3S2_serv	BOBJ1	39	100.3567	After	Interior Girder 2	54.7267	0.95	1	1	7.765024
Type 3S2_serv	BOBJ1	39	100.3567	After	Interior Girder 3	54.7267	0.95	1	1	7.26728
Type 3S2_serv	BOBJ1	39	100.3567	After	Interior Girder 4	54.7267	0.95	1	1	7.26728
Type 3S2_serv	BOBJ1	39	100.3567	After	Interior Girder 5	54.7267	0.95	1	1	7.765024
Type 3S2_serv	BOBJ1	39	100.3567	After	Interior Girder 6	54.7267	0.95	1	1	8.178972
Type 3S2_serv	BOBJ1	39	100.3567	After	Right Exterior Girder	54.7267	0.95	1	1	8.46053
Type 3S2_serv	BOBJ1	40	106.5333	Before	Left Exterior Girder	60.9033	0.95	1	1	5.787609
Type 3S2_serv	BOBJ1	40	106.5333	Before	Interior Girder 1	60.9033	0.95	1	1	6.022262
Type 3S2_serv	BOBJ1	40	106.5333	Before	Interior Girder 2	60.9033	0.95	1	1	5.668638
Type 3S2_serv	BOBJ1	40	106.5333	Before	Interior Girder 3	60.9033	0.95	1	1	5.346964
Type 3S2_serv	BOBJ1	40	106.5333	Before	Interior Girder 4	60.9033	0.95	1	1	5.346964
Type 3S2_serv	BOBJ1	40	106.5333	Before	Interior Girder 5	60.9033	0.95	1	1	5.668638
Type 3S2_serv	BOBJ1	40	106.5333	Before	Interior Girder 6	60.9033	0.95	1	1	6.022262
Type 3S2_serv	BOBJ1	40	106.5333	Before	Right Exterior Girder	60.9033	0.95	1	1	5.787609
Type 3S2_serv	BOBJ1	41	106.5333	After	Left Exterior Girder	60.9033	0.95	1	1	5.928967
Type 3S2_serv	BOBJ1	41	106.5333	After	Interior Girder 1	60.9033	0.95	1	1	5.866992
Type 3S2_serv	BOBJ1	41	106.5333	After	Interior Girder 2	60.9033	0.95	1	1	5.557561
Type 3S2_serv	BOBJ1	41	106.5333	After	Interior Girder 3	60.9033	0.95	1	1	5.239637
Type 3S2_serv	BOBJ1	41	106.5333	After	Interior Girder 4	60.9033	0.95	1	1	5.239637
Type 3S2_serv	BOBJ1	41	106.5333	After	Interior Girder 5	60.9033	0.95	1	1	5.557561
Type 3S2_serv	BOBJ1	41	106.5333	After	Interior Girder 6	60.9033	0.95	1	1	5.866992
Type 3S2_serv	BOBJ1	41	106.5333	After	Right Exterior Girder	60.9033	0.95	1	1	5.928967
Type 3S2_serv	BOBJ1	42	108.2102	Before	Left Exterior Girder	62.5802	0.95	1	1	5.13424
Type 3S2_serv	BOBJ1	42	108.2102	Before	Right Exterior Girder	62.5802	0.95	1	1	5.13424
Type 3S2_serv	BOBJ1	43	108.2102	After	Left Exterior Girder	62.5802	0.95	1	1	7.521199
Type 3S2_serv	BOBJ1	43	108.2102	After	Right Exterior Girder	62.5802	0.95	1	1	7.521199
Type 3S2_serv	BOBJ1	44	112.71	Before	Left Exterior Girder	67.08	0.95	1	1	3.639671
Type 3S2_serv	BOBJ1	44	112.71	Before	Interior Girder 1	67.08	0.95	1	1	2.477949
Type 3S2_serv	BOBJ1	44	112.71	Before	Interior Girder 2	67.08	0.95	1	1	2.387783
Type 3S2_serv	BOBJ1	44	112.71	Before	Interior Girder 3	67.08	0.95	1	1	1.976164
Type 3S2_serv	BOBJ1	44	112.71	Before	Interior Girder 4	67.08	0.95	1	1	1.976164
Type 3S2_serv	BOBJ1	44	112.71	Before	Interior Girder 5	67.08	0.95	1	1	2.387783
Type 3S2_serv	BOBJ1	44	112.71	Before	Interior Girder 6	67.08	0.95	1	1	2.477949
Type 3S2_serv	BOBJ1	44	112.71	Before	Right Exterior Girder	67.08	0.95	1	1	3.639671
Type 3S2_serv	BOBJ1	45	112.71	After	Left Exterior Girder	0	0.95	1	1	3.625348
Type 3S2_serv	BOBJ1	45	112.71	After	Interior Girder 1	0	0.95	1	1	2.523893
Type 3S2_serv	BOBJ1	45	112.71	After	Interior Girder 2	0	0.95	1	1	2.389592
Type 3S2_serv	BOBJ1	45	112.71	After	Interior Girder 3	0	0.95	1	1	1.962361
Type 3S2_serv	BOBJ1	45	112.71	After	Interior Girder 4	0	0.95	1	1	1.962361
Type 3S2_serv	BOBJ1	45	112.71	After	Interior Girder 5	0	0.95	1	1	2.389592
Type 3S2_serv	BOBJ1	45	112.71	After	Interior Girder 6	0	0.95	1	1	2.523893
Type 3S2_serv	BOBJ1	45	112.71	After	Right Exterior Girder	0	0.95	1	1	3.625348
Type 3S2_serv	BOBJ1	46	117.21	Before	Left Exterior Girder	4.5	0.95	1	1	4.842653

TABLE: Bridge Super Rating AASHTORATE18 31 - SteelICompServ-Flx - Approach, Span 16-19										
Request	BridgeObj	BridgeCut	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	Unitless	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Type 3S2_serv	BOBJ1	46	117.21	Before	Right Exterior Girder	4.5	0.95	1	1	4.842653
Type 3S2_serv	BOBJ1	47	117.21	After	Left Exterior Girder	4.5	0.95	1	1	3.294716
Type 3S2_serv	BOBJ1	47	117.21	After	Right Exterior Girder	4.5	0.95	1	1	3.294716
Type 3S2_serv	BOBJ1	48	119.1	Before	Left Exterior Girder	6.39	0.95	1	1	3.83027
Type 3S2_serv	BOBJ1	48	119.1	Before	Interior Girder 1	6.39	0.95	1	1	4.033088
Type 3S2_serv	BOBJ1	48	119.1	Before	Interior Girder 2	6.39	0.95	1	1	3.987274
Type 3S2_serv	BOBJ1	48	119.1	Before	Interior Girder 3	6.39	0.95	1	1	3.866963
Type 3S2_serv	BOBJ1	48	119.1	Before	Interior Girder 4	6.39	0.95	1	1	3.866963
Type 3S2_serv	BOBJ1	48	119.1	Before	Interior Girder 5	6.39	0.95	1	1	3.987274
Type 3S2_serv	BOBJ1	48	119.1	Before	Interior Girder 6	6.39	0.95	1	1	4.033088
Type 3S2_serv	BOBJ1	48	119.1	Before	Right Exterior Girder	6.39	0.95	1	1	3.83027
Type 3S2_serv	BOBJ1	49	119.1	After	Left Exterior Girder	6.39	0.95	1	1	3.760287
Type 3S2_serv	BOBJ1	49	119.1	After	Interior Girder 1	6.39	0.95	1	1	4.112845
Type 3S2_serv	BOBJ1	49	119.1	After	Interior Girder 2	6.39	0.95	1	1	4.037124
Type 3S2_serv	BOBJ1	49	119.1	After	Interior Girder 3	6.39	0.95	1	1	3.886414
Type 3S2_serv	BOBJ1	49	119.1	After	Interior Girder 4	6.39	0.95	1	1	3.886414
Type 3S2_serv	BOBJ1	49	119.1	After	Interior Girder 5	6.39	0.95	1	1	4.037124
Type 3S2_serv	BOBJ1	49	119.1	After	Interior Girder 6	6.39	0.95	1	1	4.112845
Type 3S2_serv	BOBJ1	49	119.1	After	Right Exterior Girder	6.39	0.95	1	1	3.760287
Type 3S2_serv	BOBJ1	50	125.49	Before	Left Exterior Girder	12.78	0.95	1	1	5.561131
Type 3S2_serv	BOBJ1	50	125.49	Before	Interior Girder 1	12.78	0.95	1	1	5.485379
Type 3S2_serv	BOBJ1	50	125.49	Before	Interior Girder 2	12.78	0.95	1	1	5.511908
Type 3S2_serv	BOBJ1	50	125.49	Before	Interior Girder 3	12.78	0.95	1	1	5.59436
Type 3S2_serv	BOBJ1	50	125.49	Before	Interior Girder 4	12.78	0.95	1	1	5.59436
Type 3S2_serv	BOBJ1	50	125.49	Before	Interior Girder 5	12.78	0.95	1	1	5.511908
Type 3S2_serv	BOBJ1	50	125.49	Before	Interior Girder 6	12.78	0.95	1	1	5.485379
Type 3S2_serv	BOBJ1	50	125.49	Before	Right Exterior Girder	12.78	0.95	1	1	5.561131
Type 3S2_serv	BOBJ1	51	125.49	After	Left Exterior Girder	12.78	0.95	1	1	5.496871
Type 3S2_serv	BOBJ1	51	125.49	After	Interior Girder 1	12.78	0.95	1	1	5.551187
Type 3S2_serv	BOBJ1	51	125.49	After	Interior Girder 2	12.78	0.95	1	1	5.553564
Type 3S2_serv	BOBJ1	51	125.49	After	Interior Girder 3	12.78	0.95	1	1	5.602663
Type 3S2_serv	BOBJ1	51	125.49	After	Interior Girder 4	12.78	0.95	1	1	5.602663
Type 3S2_serv	BOBJ1	51	125.49	After	Interior Girder 5	12.78	0.95	1	1	5.553564
Type 3S2_serv	BOBJ1	51	125.49	After	Interior Girder 6	12.78	0.95	1	1	5.551187
Type 3S2_serv	BOBJ1	51	125.49	After	Right Exterior Girder	12.78	0.95	1	1	5.496871
Type 3S2_serv	BOBJ1	52	131.88	Before	Left Exterior Girder	19.17	0.95	1	1	5.934223
Type 3S2_serv	BOBJ1	52	131.88	Before	Interior Girder 1	19.17	0.95	1	1	5.805269
Type 3S2_serv	BOBJ1	52	131.88	Before	Interior Girder 2	19.17	0.95	1	1	5.294065
Type 3S2_serv	BOBJ1	52	131.88	Before	Interior Girder 3	19.17	0.95	1	1	5.120943
Type 3S2_serv	BOBJ1	52	131.88	Before	Interior Girder 4	19.17	0.95	1	1	5.120943
Type 3S2_serv	BOBJ1	52	131.88	Before	Interior Girder 5	19.17	0.95	1	1	5.294065
Type 3S2_serv	BOBJ1	52	131.88	Before	Interior Girder 6	19.17	0.95	1	1	5.805269
Type 3S2_serv	BOBJ1	52	131.88	Before	Right Exterior Girder	19.17	0.95	1	1	5.934223
Type 3S2_serv	BOBJ1	53	131.88	After	Left Exterior Girder	19.17	0.95	1	1	6.001065
Type 3S2_serv	BOBJ1	53	131.88	After	Interior Girder 1	19.17	0.95	1	1	5.757617
Type 3S2_serv	BOBJ1	53	131.88	After	Interior Girder 2	19.17	0.95	1	1	5.305872
Type 3S2_serv	BOBJ1	53	131.88	After	Interior Girder 3	19.17	0.95	1	1	5.195274
Type 3S2_serv	BOBJ1	53	131.88	After	Interior Girder 4	19.17	0.95	1	1	5.195274
Type 3S2_serv	BOBJ1	53	131.88	After	Interior Girder 5	19.17	0.95	1	1	5.305872
Type 3S2_serv	BOBJ1	53	131.88	After	Interior Girder 6	19.17	0.95	1	1	5.757617
Type 3S2_serv	BOBJ1	53	131.88	After	Right Exterior Girder	19.17	0.95	1	1	6.001065
Type 3S2_serv	BOBJ1	54	138.27	Before	Left Exterior Girder	25.56	0.95	1	1	5.303362
Type 3S2_serv	BOBJ1	54	138.27	Before	Interior Girder 1	25.56	0.95	1	1	4.599986
Type 3S2_serv	BOBJ1	54	138.27	Before	Interior Girder 2	25.56	0.95	1	1	4.314923
Type 3S2_serv	BOBJ1	54	138.27	Before	Interior Girder 3	25.56	0.95	1	1	4.102748
Type 3S2_serv	BOBJ1	54	138.27	Before	Interior Girder 4	25.56	0.95	1	1	4.102748
Type 3S2_serv	BOBJ1	54	138.27	Before	Interior Girder 5	25.56	0.95	1	1	4.314923
Type 3S2_serv	BOBJ1	54	138.27	Before	Interior Girder 6	25.56	0.95	1	1	4.599986
Type 3S2_serv	BOBJ1	54	138.27	Before	Right Exterior Girder	25.56	0.95	1	1	5.303362
Type 3S2_serv	BOBJ1	55	138.27	After	Left Exterior Girder	25.56	0.95	1	1	5.37292
Type 3S2_serv	BOBJ1	55	138.27	After	Interior Girder 1	25.56	0.95	1	1	4.567281
Type 3S2_serv	BOBJ1	55	138.27	After	Interior Girder 2	25.56	0.95	1	1	4.297267
Type 3S2_serv	BOBJ1	55	138.27	After	Interior Girder 3	25.56	0.95	1	1	4.110464
Type 3S2_serv	BOBJ1	55	138.27	After	Interior Girder 4	25.56	0.95	1	1	4.110464
Type 3S2_serv	BOBJ1	55	138.27	After	Interior Girder 5	25.56	0.95	1	1	4.297267
Type 3S2_serv	BOBJ1	55	138.27	After	Interior Girder 6	25.56	0.95	1	1	4.567281
Type 3S2_serv	BOBJ1	55	138.27	After	Right Exterior Girder	25.56	0.95	1	1	5.37292
Type 3S2_serv	BOBJ1	56	144.66	Before	Left Exterior Girder	31.95	0.95	1	1	5.494251
Type 3S2_serv	BOBJ1	56	144.66	Before	Interior Girder 1	31.95	0.95	1	1	4.610341
Type 3S2_serv	BOBJ1	56	144.66	Before	Interior Girder 2	31.95	0.95	1	1	4.336292
Type 3S2_serv	BOBJ1	56	144.66	Before	Interior Girder 3	31.95	0.95	1	1	4.144045
Type 3S2_serv	BOBJ1	56	144.66	Before	Interior Girder 4	31.95	0.95	1	1	4.144045
Type 3S2_serv	BOBJ1	56	144.66	Before	Interior Girder 5	31.95	0.95	1	1	4.336292

TABLE: Bridge Super Rating AASHTORATE18 31 - SteelICompServ-Flx - Approach, Span 16-19										
Request	BridgeObj	BridgeCut	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	Unitless	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Type 3S2_serv	BOBJ1	56	144.66	Before	Interior Girder 6	31.95	0.95	1	1	4.610341
Type 3S2_serv	BOBJ1	56	144.66	Before	Right Exterior Girder	31.95	0.95	1	1	5.494251
Type 3S2_serv	BOBJ1	57	144.66	After	Left Exterior Girder	31.95	0.95	1	1	5.408495
Type 3S2_serv	BOBJ1	57	144.66	After	Interior Girder 1	31.95	0.95	1	1	4.652641
Type 3S2_serv	BOBJ1	57	144.66	After	Interior Girder 2	31.95	0.95	1	1	4.354893
Type 3S2_serv	BOBJ1	57	144.66	After	Interior Girder 3	31.95	0.95	1	1	4.133497
Type 3S2_serv	BOBJ1	57	144.66	After	Interior Girder 4	31.95	0.95	1	1	4.133497
Type 3S2_serv	BOBJ1	57	144.66	After	Interior Girder 5	31.95	0.95	1	1	4.354893
Type 3S2_serv	BOBJ1	57	144.66	After	Interior Girder 6	31.95	0.95	1	1	4.652641
Type 3S2_serv	BOBJ1	57	144.66	After	Right Exterior Girder	31.95	0.95	1	1	5.408495
Type 3S2_serv	BOBJ1	58	151.05	Before	Left Exterior Girder	38.34	0.95	1	1	6.39262
Type 3S2_serv	BOBJ1	58	151.05	Before	Interior Girder 1	38.34	0.95	1	1	5.951072
Type 3S2_serv	BOBJ1	58	151.05	Before	Interior Girder 2	38.34	0.95	1	1	5.466135
Type 3S2_serv	BOBJ1	58	151.05	Before	Interior Girder 3	38.34	0.95	1	1	5.351758
Type 3S2_serv	BOBJ1	58	151.05	Before	Interior Girder 4	38.34	0.95	1	1	5.351758
Type 3S2_serv	BOBJ1	58	151.05	Before	Interior Girder 5	38.34	0.95	1	1	5.466135
Type 3S2_serv	BOBJ1	58	151.05	Before	Interior Girder 6	38.34	0.95	1	1	5.951072
Type 3S2_serv	BOBJ1	58	151.05	Before	Right Exterior Girder	38.34	0.95	1	1	6.39262
Type 3S2_serv	BOBJ1	59	151.05	After	Left Exterior Girder	38.34	0.95	1	1	6.305616
Type 3S2_serv	BOBJ1	59	151.05	After	Interior Girder 1	38.34	0.95	1	1	6.016685
Type 3S2_serv	BOBJ1	59	151.05	After	Interior Girder 2	38.34	0.95	1	1	5.453296
Type 3S2_serv	BOBJ1	59	151.05	After	Interior Girder 3	38.34	0.95	1	1	5.267135
Type 3S2_serv	BOBJ1	59	151.05	After	Interior Girder 4	38.34	0.95	1	1	5.267135
Type 3S2_serv	BOBJ1	59	151.05	After	Interior Girder 5	38.34	0.95	1	1	5.453296
Type 3S2_serv	BOBJ1	59	151.05	After	Interior Girder 6	38.34	0.95	1	1	6.016685
Type 3S2_serv	BOBJ1	59	151.05	After	Right Exterior Girder	38.34	0.95	1	1	6.305616
Type 3S2_serv	BOBJ1	60	157.4367	Before	Left Exterior Girder	44.7267	0.95	1	1	5.889647
Type 3S2_serv	BOBJ1	60	157.4367	Before	Interior Girder 1	44.7267	0.95	1	1	6.145746
Type 3S2_serv	BOBJ1	60	157.4367	Before	Interior Girder 2	44.7267	0.95	1	1	5.98069
Type 3S2_serv	BOBJ1	60	157.4367	Before	Interior Girder 3	44.7267	0.95	1	1	6.029337
Type 3S2_serv	BOBJ1	60	157.4367	Before	Interior Girder 4	44.7267	0.95	1	1	6.029337
Type 3S2_serv	BOBJ1	60	157.4367	Before	Interior Girder 5	44.7267	0.95	1	1	5.98069
Type 3S2_serv	BOBJ1	60	157.4367	Before	Interior Girder 6	44.7267	0.95	1	1	6.145746
Type 3S2_serv	BOBJ1	60	157.4367	Before	Right Exterior Girder	44.7267	0.95	1	1	5.889647
Type 3S2_serv	BOBJ1	61	157.4367	After	Left Exterior Girder	44.7267	0.95	1	1	5.94359
Type 3S2_serv	BOBJ1	61	157.4367	After	Interior Girder 1	44.7267	0.95	1	1	6.095408
Type 3S2_serv	BOBJ1	61	157.4367	After	Interior Girder 2	44.7267	0.95	1	1	5.9508
Type 3S2_serv	BOBJ1	61	157.4367	After	Interior Girder 3	44.7267	0.95	1	1	6.022543
Type 3S2_serv	BOBJ1	61	157.4367	After	Interior Girder 4	44.7267	0.95	1	1	6.022543
Type 3S2_serv	BOBJ1	61	157.4367	After	Interior Girder 5	44.7267	0.95	1	1	5.9508
Type 3S2_serv	BOBJ1	61	157.4367	After	Interior Girder 6	44.7267	0.95	1	1	6.095408
Type 3S2_serv	BOBJ1	61	157.4367	After	Right Exterior Girder	44.7267	0.95	1	1	5.94359
Type 3S2_serv	BOBJ1	62	158.71	Before	Left Exterior Girder	46	0.95	1	1	5.502591
Type 3S2_serv	BOBJ1	62	158.71	Before	Interior Girder 1	46	0.95	1	1	5.792796
Type 3S2_serv	BOBJ1	62	158.71	Before	Interior Girder 2	46	0.95	1	1	5.599566
Type 3S2_serv	BOBJ1	62	158.71	Before	Interior Girder 3	46	0.95	1	1	5.589991
Type 3S2_serv	BOBJ1	62	158.71	Before	Interior Girder 4	46	0.95	1	1	5.589991
Type 3S2_serv	BOBJ1	62	158.71	Before	Interior Girder 5	46	0.95	1	1	5.599566
Type 3S2_serv	BOBJ1	62	158.71	Before	Interior Girder 6	46	0.95	1	1	5.792796
Type 3S2_serv	BOBJ1	62	158.71	Before	Right Exterior Girder	46	0.95	1	1	5.502591
Type 3S2_serv	BOBJ1	63	158.71	After	Left Exterior Girder	46	0.95	1	1	7.510413
Type 3S2_serv	BOBJ1	63	158.71	After	Interior Girder 1	46	0.95	1	1	7.239539
Type 3S2_serv	BOBJ1	63	158.71	After	Interior Girder 2	46	0.95	1	1	6.979818
Type 3S2_serv	BOBJ1	63	158.71	After	Interior Girder 3	46	0.95	1	1	7.012993
Type 3S2_serv	BOBJ1	63	158.71	After	Interior Girder 4	46	0.95	1	1	7.012993
Type 3S2_serv	BOBJ1	63	158.71	After	Interior Girder 5	46	0.95	1	1	6.979818
Type 3S2_serv	BOBJ1	63	158.71	After	Interior Girder 6	46	0.95	1	1	7.239539
Type 3S2_serv	BOBJ1	63	158.71	After	Right Exterior Girder	46	0.95	1	1	7.510413
Type 3S2_serv	BOBJ1	64	163.8233	Before	Left Exterior Girder	51.1133	0.95	1	1	5.689166
Type 3S2_serv	BOBJ1	64	163.8233	Before	Interior Girder 1	51.1133	0.95	1	1	5.815019
Type 3S2_serv	BOBJ1	64	163.8233	Before	Interior Girder 2	51.1133	0.95	1	1	5.555638
Type 3S2_serv	BOBJ1	64	163.8233	Before	Interior Girder 3	51.1133	0.95	1	1	5.251961
Type 3S2_serv	BOBJ1	64	163.8233	Before	Interior Girder 4	51.1133	0.95	1	1	5.251961
Type 3S2_serv	BOBJ1	64	163.8233	Before	Interior Girder 5	51.1133	0.95	1	1	5.555638
Type 3S2_serv	BOBJ1	64	163.8233	Before	Interior Girder 6	51.1133	0.95	1	1	5.815019
Type 3S2_serv	BOBJ1	64	163.8233	Before	Right Exterior Girder	51.1133	0.95	1	1	5.689166
Type 3S2_serv	BOBJ1	65	163.8233	After	Left Exterior Girder	51.1133	0.95	1	1	5.793149
Type 3S2_serv	BOBJ1	65	163.8233	After	Interior Girder 1	51.1133	0.95	1	1	5.674595
Type 3S2_serv	BOBJ1	65	163.8233	After	Interior Girder 2	51.1133	0.95	1	1	5.454361
Type 3S2_serv	BOBJ1	65	163.8233	After	Interior Girder 3	51.1133	0.95	1	1	5.158308
Type 3S2_serv	BOBJ1	65	163.8233	After	Interior Girder 4	51.1133	0.95	1	1	5.158308
Type 3S2_serv	BOBJ1	65	163.8233	After	Interior Girder 5	51.1133	0.95	1	1	5.454361
Type 3S2_serv	BOBJ1	65	163.8233	After	Interior Girder 6	51.1133	0.95	1	1	5.674595

TABLE: Bridge Super Rating AASHTORATE18 31 - SteelICompServ-Flx - Approach, Span 16-19										
Request	BridgeObj	BridgeCut	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	Unitless	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Type 3S2_serv	BOBJ1	65	163.8233	After	Right Exterior Girder	51.1133	0.95	1	1	5.793149
Type 3S2_serv	BOBJ1	66	164.71	Before	Left Exterior Girder	52	0.95	1	1	5.484189
Type 3S2_serv	BOBJ1	66	164.71	Before	Right Exterior Girder	52	0.95	1	1	5.484189
Type 3S2_serv	BOBJ1	67	164.71	After	Left Exterior Girder	52	0.95	1	1	8.271628
Type 3S2_serv	BOBJ1	67	164.71	After	Right Exterior Girder	52	0.95	1	1	8.271628
Type 3S2_serv	BOBJ1	68	170.21	Before	Left Exterior Girder	57.5	0.95	1	1	5.80933
Type 3S2_serv	BOBJ1	68	170.21	Before	Interior Girder 1	57.5	0.95	1	1	3.288673
Type 3S2_serv	BOBJ1	68	170.21	Before	Interior Girder 2	57.5	0.95	1	1	3.128374
Type 3S2_serv	BOBJ1	68	170.21	Before	Interior Girder 3	57.5	0.95	1	1	2.53071
Type 3S2_serv	BOBJ1	68	170.21	Before	Interior Girder 4	57.5	0.95	1	1	2.53071
Type 3S2_serv	BOBJ1	68	170.21	Before	Interior Girder 5	57.5	0.95	1	1	3.128374
Type 3S2_serv	BOBJ1	68	170.21	Before	Interior Girder 6	57.5	0.95	1	1	3.288673
Type 3S2_serv	BOBJ1	68	170.21	Before	Right Exterior Girder	57.5	0.95	1	1	5.80933
Type 3S2_serv	BOBJ1	69	170.21	After	Left Exterior Girder	0	0.95	1	1	5.94825
Type 3S2_serv	BOBJ1	69	170.21	After	Interior Girder 1	0	0.95	1	1	3.290049
Type 3S2_serv	BOBJ1	69	170.21	After	Interior Girder 2	0	0.95	1	1	3.148614
Type 3S2_serv	BOBJ1	69	170.21	After	Interior Girder 3	0	0.95	1	1	2.569782
Type 3S2_serv	BOBJ1	69	170.21	After	Interior Girder 4	0	0.95	1	1	2.569782
Type 3S2_serv	BOBJ1	69	170.21	After	Interior Girder 5	0	0.95	1	1	3.148614
Type 3S2_serv	BOBJ1	69	170.21	After	Interior Girder 6	0	0.95	1	1	3.290049
Type 3S2_serv	BOBJ1	69	170.21	After	Right Exterior Girder	0	0.95	1	1	5.94825
Type 3S2_serv	BOBJ1	70	176.21	Before	Left Exterior Girder	6	0.95	1	1	9.888021
Type 3S2_serv	BOBJ1	70	176.21	Before	Right Exterior Girder	6	0.95	1	1	9.888021
Type 3S2_serv	BOBJ1	71	176.21	After	Left Exterior Girder	6	0.95	1	1	6.656816
Type 3S2_serv	BOBJ1	71	176.21	After	Right Exterior Girder	6	0.95	1	1	6.656816
Type 3S2_serv	BOBJ1	72	176.6	Before	Left Exterior Girder	6.39	0.95	1	1	6.81874
Type 3S2_serv	BOBJ1	72	176.6	Before	Interior Girder 1	6.39	0.95	1	1	6.535781
Type 3S2_serv	BOBJ1	72	176.6	Before	Interior Girder 2	6.39	0.95	1	1	6.178371
Type 3S2_serv	BOBJ1	72	176.6	Before	Interior Girder 3	6.39	0.95	1	1	5.851576
Type 3S2_serv	BOBJ1	72	176.6	Before	Interior Girder 4	6.39	0.95	1	1	5.851576
Type 3S2_serv	BOBJ1	72	176.6	Before	Interior Girder 5	6.39	0.95	1	1	6.178371
Type 3S2_serv	BOBJ1	72	176.6	Before	Interior Girder 6	6.39	0.95	1	1	6.535781
Type 3S2_serv	BOBJ1	72	176.6	Before	Right Exterior Girder	6.39	0.95	1	1	6.81874
Type 3S2_serv	BOBJ1	73	176.6	After	Left Exterior Girder	6.39	0.95	1	1	6.65752
Type 3S2_serv	BOBJ1	73	176.6	After	Interior Girder 1	6.39	0.95	1	1	6.716494
Type 3S2_serv	BOBJ1	73	176.6	After	Interior Girder 2	6.39	0.95	1	1	6.303146
Type 3S2_serv	BOBJ1	73	176.6	After	Interior Girder 3	6.39	0.95	1	1	5.969686
Type 3S2_serv	BOBJ1	73	176.6	After	Interior Girder 4	6.39	0.95	1	1	5.969686
Type 3S2_serv	BOBJ1	73	176.6	After	Interior Girder 5	6.39	0.95	1	1	6.303146
Type 3S2_serv	BOBJ1	73	176.6	After	Interior Girder 6	6.39	0.95	1	1	6.716494
Type 3S2_serv	BOBJ1	73	176.6	After	Right Exterior Girder	6.39	0.95	1	1	6.65752
Type 3S2_serv	BOBJ1	74	182.99	Before	Left Exterior Girder	12.78	0.95	1	1	9.250756
Type 3S2_serv	BOBJ1	74	182.99	Before	Interior Girder 1	12.78	0.95	1	1	8.819177
Type 3S2_serv	BOBJ1	74	182.99	Before	Interior Girder 2	12.78	0.95	1	1	8.005572
Type 3S2_serv	BOBJ1	74	182.99	Before	Interior Girder 3	12.78	0.95	1	1	7.794095
Type 3S2_serv	BOBJ1	74	182.99	Before	Interior Girder 4	12.78	0.95	1	1	7.794095
Type 3S2_serv	BOBJ1	74	182.99	Before	Interior Girder 5	12.78	0.95	1	1	8.005572
Type 3S2_serv	BOBJ1	74	182.99	Before	Interior Girder 6	12.78	0.95	1	1	8.819177
Type 3S2_serv	BOBJ1	74	182.99	Before	Right Exterior Girder	12.78	0.95	1	1	9.250756
Type 3S2_serv	BOBJ1	75	182.99	After	Left Exterior Girder	12.78	0.95	1	1	9.163977
Type 3S2_serv	BOBJ1	75	182.99	After	Interior Girder 1	12.78	0.95	1	1	8.82336
Type 3S2_serv	BOBJ1	75	182.99	After	Interior Girder 2	12.78	0.95	1	1	8.071167
Type 3S2_serv	BOBJ1	75	182.99	After	Interior Girder 3	12.78	0.95	1	1	8.035881
Type 3S2_serv	BOBJ1	75	182.99	After	Interior Girder 4	12.78	0.95	1	1	8.035881
Type 3S2_serv	BOBJ1	75	182.99	After	Interior Girder 5	12.78	0.95	1	1	8.071167
Type 3S2_serv	BOBJ1	75	182.99	After	Interior Girder 6	12.78	0.95	1	1	8.82336
Type 3S2_serv	BOBJ1	75	182.99	After	Right Exterior Girder	12.78	0.95	1	1	9.163977
Type 3S2_serv	BOBJ1	76	189.38	Before	Left Exterior Girder	19.17	0.95	1	1	6.019955
Type 3S2_serv	BOBJ1	76	189.38	Before	Interior Girder 1	19.17	0.95	1	1	5.644253
Type 3S2_serv	BOBJ1	76	189.38	Before	Interior Girder 2	19.17	0.95	1	1	5.162086
Type 3S2_serv	BOBJ1	76	189.38	Before	Interior Girder 3	19.17	0.95	1	1	5.046459
Type 3S2_serv	BOBJ1	76	189.38	Before	Interior Girder 4	19.17	0.95	1	1	5.046459
Type 3S2_serv	BOBJ1	76	189.38	Before	Interior Girder 5	19.17	0.95	1	1	5.162086
Type 3S2_serv	BOBJ1	76	189.38	Before	Interior Girder 6	19.17	0.95	1	1	5.644253
Type 3S2_serv	BOBJ1	76	189.38	Before	Right Exterior Girder	19.17	0.95	1	1	6.019955
Type 3S2_serv	BOBJ1	77	189.38	After	Left Exterior Girder	19.17	0.95	1	1	6.126347
Type 3S2_serv	BOBJ1	77	189.38	After	Interior Girder 1	19.17	0.95	1	1	5.570024
Type 3S2_serv	BOBJ1	77	189.38	After	Interior Girder 2	19.17	0.95	1	1	5.173677
Type 3S2_serv	BOBJ1	77	189.38	After	Interior Girder 3	19.17	0.95	1	1	5.136933
Type 3S2_serv	BOBJ1	77	189.38	After	Interior Girder 4	19.17	0.95	1	1	5.136933
Type 3S2_serv	BOBJ1	77	189.38	After	Interior Girder 5	19.17	0.95	1	1	5.173677
Type 3S2_serv	BOBJ1	77	189.38	After	Interior Girder 6	19.17	0.95	1	1	5.570024
Type 3S2_serv	BOBJ1	77	189.38	After	Right Exterior Girder	19.17	0.95	1	1	6.126347

TABLE: Bridge Super Rating AASHTORATE18 31 - SteelICompServ-Flx - Approach, Span 16-19										
Request	BridgeObj	BridgeCut	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	Unitless	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Type 3S2_serv	BOBJ1	78	195.77	Before	Left Exterior Girder	25.56	0.95	1	1	4.71088
Type 3S2_serv	BOBJ1	78	195.77	Before	Interior Girder 1	25.56	0.95	1	1	4.061123
Type 3S2_serv	BOBJ1	78	195.77	Before	Interior Girder 2	25.56	0.95	1	1	3.851558
Type 3S2_serv	BOBJ1	78	195.77	Before	Interior Girder 3	25.56	0.95	1	1	3.731031
Type 3S2_serv	BOBJ1	78	195.77	Before	Interior Girder 4	25.56	0.95	1	1	3.731031
Type 3S2_serv	BOBJ1	78	195.77	Before	Interior Girder 5	25.56	0.95	1	1	3.851558
Type 3S2_serv	BOBJ1	78	195.77	Before	Interior Girder 6	25.56	0.95	1	1	4.061123
Type 3S2_serv	BOBJ1	78	195.77	Before	Right Exterior Girder	25.56	0.95	1	1	4.71088
Type 3S2_serv	BOBJ1	79	195.77	After	Left Exterior Girder	25.56	0.95	1	1	4.790604
Type 3S2_serv	BOBJ1	79	195.77	After	Interior Girder 1	25.56	0.95	1	1	4.011509
Type 3S2_serv	BOBJ1	79	195.77	After	Interior Girder 2	25.56	0.95	1	1	3.833909
Type 3S2_serv	BOBJ1	79	195.77	After	Interior Girder 3	25.56	0.95	1	1	3.738388
Type 3S2_serv	BOBJ1	79	195.77	After	Interior Girder 4	25.56	0.95	1	1	3.738388
Type 3S2_serv	BOBJ1	79	195.77	After	Interior Girder 5	25.56	0.95	1	1	3.833909
Type 3S2_serv	BOBJ1	79	195.77	After	Interior Girder 6	25.56	0.95	1	1	4.011509
Type 3S2_serv	BOBJ1	79	195.77	After	Right Exterior Girder	25.56	0.95	1	1	4.790604
Type 3S2_serv	BOBJ1	80	202.16	Before	Left Exterior Girder	31.95	0.95	1	1	4.212836
Type 3S2_serv	BOBJ1	80	202.16	Before	Interior Girder 1	31.95	0.95	1	1	3.605369
Type 3S2_serv	BOBJ1	80	202.16	Before	Interior Girder 2	31.95	0.95	1	1	3.482666
Type 3S2_serv	BOBJ1	80	202.16	Before	Interior Girder 3	31.95	0.95	1	1	3.387574
Type 3S2_serv	BOBJ1	80	202.16	Before	Interior Girder 4	31.95	0.95	1	1	3.387574
Type 3S2_serv	BOBJ1	80	202.16	Before	Interior Girder 5	31.95	0.95	1	1	3.482666
Type 3S2_serv	BOBJ1	80	202.16	Before	Interior Girder 6	31.95	0.95	1	1	3.605369
Type 3S2_serv	BOBJ1	80	202.16	Before	Right Exterior Girder	31.95	0.95	1	1	4.212836
Type 3S2_serv	BOBJ1	81	202.16	After	Left Exterior Girder	31.95	0.95	1	1	4.174309
Type 3S2_serv	BOBJ1	81	202.16	After	Interior Girder 1	31.95	0.95	1	1	3.63129
Type 3S2_serv	BOBJ1	81	202.16	After	Interior Girder 2	31.95	0.95	1	1	3.501795
Type 3S2_serv	BOBJ1	81	202.16	After	Interior Girder 3	31.95	0.95	1	1	3.408405
Type 3S2_serv	BOBJ1	81	202.16	After	Interior Girder 4	31.95	0.95	1	1	3.408405
Type 3S2_serv	BOBJ1	81	202.16	After	Interior Girder 5	31.95	0.95	1	1	3.501795
Type 3S2_serv	BOBJ1	81	202.16	After	Interior Girder 6	31.95	0.95	1	1	3.63129
Type 3S2_serv	BOBJ1	81	202.16	After	Right Exterior Girder	31.95	0.95	1	1	4.174309
Type 3S2_serv	BOBJ1	82	208.55	Before	Left Exterior Girder	38.34	0.95	1	1	4.095293
Type 3S2_serv	BOBJ1	82	208.55	Before	Interior Girder 1	38.34	0.95	1	1	3.850258
Type 3S2_serv	BOBJ1	82	208.55	Before	Interior Girder 2	38.34	0.95	1	1	3.69904
Type 3S2_serv	BOBJ1	82	208.55	Before	Interior Girder 3	38.34	0.95	1	1	3.671821
Type 3S2_serv	BOBJ1	82	208.55	Before	Interior Girder 4	38.34	0.95	1	1	3.671821
Type 3S2_serv	BOBJ1	82	208.55	Before	Interior Girder 5	38.34	0.95	1	1	3.69904
Type 3S2_serv	BOBJ1	82	208.55	Before	Interior Girder 6	38.34	0.95	1	1	3.850258
Type 3S2_serv	BOBJ1	82	208.55	Before	Right Exterior Girder	38.34	0.95	1	1	4.095293
Type 3S2_serv	BOBJ1	83	208.55	After	Left Exterior Girder	38.34	0.95	1	1	4.050305
Type 3S2_serv	BOBJ1	83	208.55	After	Interior Girder 1	38.34	0.95	1	1	3.878461
Type 3S2_serv	BOBJ1	83	208.55	After	Interior Girder 2	38.34	0.95	1	1	3.689896
Type 3S2_serv	BOBJ1	83	208.55	After	Interior Girder 3	38.34	0.95	1	1	3.637581
Type 3S2_serv	BOBJ1	83	208.55	After	Interior Girder 4	38.34	0.95	1	1	3.637581
Type 3S2_serv	BOBJ1	83	208.55	After	Interior Girder 5	38.34	0.95	1	1	3.689896
Type 3S2_serv	BOBJ1	83	208.55	After	Interior Girder 6	38.34	0.95	1	1	3.878461
Type 3S2_serv	BOBJ1	83	208.55	After	Right Exterior Girder	38.34	0.95	1	1	4.050305
Type 3S2_serv	BOBJ1	84	215.1233	Before	Left Exterior Girder	44.9133	0.95	1	1	5.650176
Type 3S2_serv	BOBJ1	84	215.1233	Before	Interior Girder 1	44.9133	0.95	1	1	4.472106
Type 3S2_serv	BOBJ1	84	215.1233	Before	Interior Girder 2	44.9133	0.95	1	1	4.31033
Type 3S2_serv	BOBJ1	84	215.1233	Before	Interior Girder 3	44.9133	0.95	1	1	4.132948
Type 3S2_serv	BOBJ1	84	215.1233	Before	Interior Girder 4	44.9133	0.95	1	1	4.132948
Type 3S2_serv	BOBJ1	84	215.1233	Before	Interior Girder 5	44.9133	0.95	1	1	4.31033
Type 3S2_serv	BOBJ1	84	215.1233	Before	Interior Girder 6	44.9133	0.95	1	1	4.472106
Type 3S2_serv	BOBJ1	84	215.1233	Before	Right Exterior Girder	44.9133	0.95	1	1	5.650176
Type 3S2_serv	BOBJ1	85	215.1233	After	Left Exterior Girder	44.9133	0.95	1	1	5.607004
Type 3S2_serv	BOBJ1	85	215.1233	After	Interior Girder 1	44.9133	0.95	1	1	4.492357
Type 3S2_serv	BOBJ1	85	215.1233	After	Interior Girder 2	44.9133	0.95	1	1	4.25417
Type 3S2_serv	BOBJ1	85	215.1233	After	Interior Girder 3	44.9133	0.95	1	1	4.049685
Type 3S2_serv	BOBJ1	85	215.1233	After	Interior Girder 4	44.9133	0.95	1	1	4.049685
Type 3S2_serv	BOBJ1	85	215.1233	After	Interior Girder 5	44.9133	0.95	1	1	4.25417
Type 3S2_serv	BOBJ1	85	215.1233	After	Interior Girder 6	44.9133	0.95	1	1	4.492357
Type 3S2_serv	BOBJ1	85	215.1233	After	Right Exterior Girder	44.9133	0.95	1	1	5.607004
Type 3S2_serv	BOBJ1	86	221.6967	Before	Left Exterior Girder	51.4867	0.95	1	1	10.832956
Type 3S2_serv	BOBJ1	86	221.6967	Before	Interior Girder 1	51.4867	0.95	1	1	7.176344
Type 3S2_serv	BOBJ1	86	221.6967	Before	Interior Girder 2	51.4867	0.95	1	1	6.943483
Type 3S2_serv	BOBJ1	86	221.6967	Before	Interior Girder 3	51.4867	0.95	1	1	6.345197
Type 3S2_serv	BOBJ1	86	221.6967	Before	Interior Girder 4	51.4867	0.95	1	1	6.345197
Type 3S2_serv	BOBJ1	86	221.6967	Before	Interior Girder 5	51.4867	0.95	1	1	6.943483
Type 3S2_serv	BOBJ1	86	221.6967	Before	Interior Girder 6	51.4867	0.95	1	1	7.176344
Type 3S2_serv	BOBJ1	86	221.6967	Before	Right Exterior Girder	51.4867	0.95	1	1	10.832956
Type 3S2_serv	BOBJ1	87	221.6967	After	Left Exterior Girder	51.4867	0.95	1	1	10.662569

TABLE: Bridge Super Rating AASHTORATE18 31 - SteelCompServ-Flx - Approach, Span 16-19										
Request	BridgeObj	BridgeCut	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	Unitless	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Type 3S2_serv	BOBJ1	87	221.6967	After	Interior Girder 1	51.4867	0.95	1	1	7.25628
Type 3S2_serv	BOBJ1	87	221.6967	After	Interior Girder 2	51.4867	0.95	1	1	6.843233
Type 3S2_serv	BOBJ1	87	221.6967	After	Interior Girder 3	51.4867	0.95	1	1	6.114927
Type 3S2_serv	BOBJ1	87	221.6967	After	Interior Girder 4	51.4867	0.95	1	1	6.114927
Type 3S2_serv	BOBJ1	87	221.6967	After	Interior Girder 5	51.4867	0.95	1	1	6.843233
Type 3S2_serv	BOBJ1	87	221.6967	After	Interior Girder 6	51.4867	0.95	1	1	7.25628
Type 3S2_serv	BOBJ1	87	221.6967	After	Right Exterior Girder	51.4867	0.95	1	1	10.662569
Type 3S2_serv	BOBJ1	88	228.27	Before	Left Exterior Girder	58.06	0.95	1	1	557.492857
Type 3S2_serv	BOBJ1	88	228.27	Before	Interior Girder 1	58.06	0.95	1	1	568.026736
Type 3S2_serv	BOBJ1	88	228.27	Before	Interior Girder 2	58.06	0.95	1	1	312.087869
Type 3S2_serv	BOBJ1	88	228.27	Before	Interior Girder 3	58.06	0.95	1	1	221.865883
Type 3S2_serv	BOBJ1	88	228.27	Before	Interior Girder 4	58.06	0.95	1	1	221.865882
Type 3S2_serv	BOBJ1	88	228.27	Before	Interior Girder 5	58.06	0.95	1	1	312.087868
Type 3S2_serv	BOBJ1	88	228.27	Before	Interior Girder 6	58.06	0.95	1	1	568.026736
Type 3S2_serv	BOBJ1	88	228.27	Before	Right Exterior Girder	58.06	0.95	1	1	557.492856
Type 3-3_serv	BOBJ1	1	0	After	Left Exterior Girder	0	0.95	1	1	926.119777
Type 3-3_serv	BOBJ1	1	0	After	Interior Girder 1	0	0.95	1	1	615.26377
Type 3-3_serv	BOBJ1	1	0	After	Interior Girder 2	0	0.95	1	1	363.97729
Type 3-3_serv	BOBJ1	1	0	After	Interior Girder 3	0	0.95	1	1	290.449204
Type 3-3_serv	BOBJ1	1	0	After	Interior Girder 4	0	0.95	1	1	290.449204
Type 3-3_serv	BOBJ1	1	0	After	Interior Girder 5	0	0.95	1	1	363.977294
Type 3-3_serv	BOBJ1	1	0	After	Interior Girder 6	0	0.95	1	1	615.26377
Type 3-3_serv	BOBJ1	1	0	After	Right Exterior Girder	0	0.95	1	1	926.119777
Type 3-3_serv	BOBJ1	2	5.3833	Before	Left Exterior Girder	5.3833	0.95	1	1	13.567677
Type 3-3_serv	BOBJ1	2	5.3833	Before	Interior Girder 1	5.3833	0.95	1	1	8.929781
Type 3-3_serv	BOBJ1	2	5.3833	Before	Interior Girder 2	5.3833	0.95	1	1	8.398592
Type 3-3_serv	BOBJ1	2	5.3833	Before	Interior Girder 3	5.3833	0.95	1	1	7.268586
Type 3-3_serv	BOBJ1	2	5.3833	Before	Interior Girder 4	5.3833	0.95	1	1	7.268586
Type 3-3_serv	BOBJ1	2	5.3833	Before	Interior Girder 5	5.3833	0.95	1	1	8.398592
Type 3-3_serv	BOBJ1	2	5.3833	Before	Interior Girder 6	5.3833	0.95	1	1	8.929781
Type 3-3_serv	BOBJ1	2	5.3833	Before	Right Exterior Girder	5.3833	0.95	1	1	13.567677
Type 3-3_serv	BOBJ1	3	5.3833	After	Left Exterior Girder	5.3833	0.95	1	1	13.763322
Type 3-3_serv	BOBJ1	3	5.3833	After	Interior Girder 1	5.3833	0.95	1	1	8.94051
Type 3-3_serv	BOBJ1	3	5.3833	After	Interior Girder 2	5.3833	0.95	1	1	8.529941
Type 3-3_serv	BOBJ1	3	5.3833	After	Interior Girder 3	5.3833	0.95	1	1	7.509787
Type 3-3_serv	BOBJ1	3	5.3833	After	Interior Girder 4	5.3833	0.95	1	1	7.509787
Type 3-3_serv	BOBJ1	3	5.3833	After	Interior Girder 5	5.3833	0.95	1	1	8.529941
Type 3-3_serv	BOBJ1	3	5.3833	After	Interior Girder 6	5.3833	0.95	1	1	8.94051
Type 3-3_serv	BOBJ1	3	5.3833	After	Right Exterior Girder	5.3833	0.95	1	1	13.763322
Type 3-3_serv	BOBJ1	4	10.7667	Before	Left Exterior Girder	10.7667	0.95	1	1	7.86981
Type 3-3_serv	BOBJ1	4	10.7667	Before	Interior Girder 1	10.7667	0.95	1	1	6.011995
Type 3-3_serv	BOBJ1	4	10.7667	Before	Interior Girder 2	10.7667	0.95	1	1	5.59751
Type 3-3_serv	BOBJ1	4	10.7667	Before	Interior Girder 3	10.7667	0.95	1	1	5.267185
Type 3-3_serv	BOBJ1	4	10.7667	Before	Interior Girder 4	10.7667	0.95	1	1	5.267185
Type 3-3_serv	BOBJ1	4	10.7667	Before	Interior Girder 5	10.7667	0.95	1	1	5.59751
Type 3-3_serv	BOBJ1	4	10.7667	Before	Interior Girder 6	10.7667	0.95	1	1	6.011995
Type 3-3_serv	BOBJ1	4	10.7667	Before	Right Exterior Girder	10.7667	0.95	1	1	7.86981
Type 3-3_serv	BOBJ1	5	10.7667	After	Left Exterior Girder	10.7667	0.95	1	1	7.867967
Type 3-3_serv	BOBJ1	5	10.7667	After	Interior Girder 1	10.7667	0.95	1	1	6.022768
Type 3-3_serv	BOBJ1	5	10.7667	After	Interior Girder 2	10.7667	0.95	1	1	5.673793
Type 3-3_serv	BOBJ1	5	10.7667	After	Interior Girder 3	10.7667	0.95	1	1	5.345021
Type 3-3_serv	BOBJ1	5	10.7667	After	Interior Girder 4	10.7667	0.95	1	1	5.345021
Type 3-3_serv	BOBJ1	5	10.7667	After	Interior Girder 5	10.7667	0.95	1	1	5.673793
Type 3-3_serv	BOBJ1	5	10.7667	After	Interior Girder 6	10.7667	0.95	1	1	6.022768
Type 3-3_serv	BOBJ1	5	10.7667	After	Right Exterior Girder	10.7667	0.95	1	1	7.867967
Type 3-3_serv	BOBJ1	6	16.15	Before	Left Exterior Girder	16.15	0.95	1	1	6.082001
Type 3-3_serv	BOBJ1	6	16.15	Before	Interior Girder 1	16.15	0.95	1	1	5.475584
Type 3-3_serv	BOBJ1	6	16.15	Before	Interior Girder 2	16.15	0.95	1	1	5.082743
Type 3-3_serv	BOBJ1	6	16.15	Before	Interior Girder 3	16.15	0.95	1	1	4.9108
Type 3-3_serv	BOBJ1	6	16.15	Before	Interior Girder 4	16.15	0.95	1	1	4.9108
Type 3-3_serv	BOBJ1	6	16.15	Before	Interior Girder 5	16.15	0.95	1	1	5.082743
Type 3-3_serv	BOBJ1	6	16.15	Before	Interior Girder 6	16.15	0.95	1	1	5.475584
Type 3-3_serv	BOBJ1	6	16.15	Before	Right Exterior Girder	16.15	0.95	1	1	6.082001
Type 3-3_serv	BOBJ1	7	16.15	After	Left Exterior Girder	16.15	0.95	1	1	6.111436
Type 3-3_serv	BOBJ1	7	16.15	After	Interior Girder 1	16.15	0.95	1	1	5.450712
Type 3-3_serv	BOBJ1	7	16.15	After	Interior Girder 2	16.15	0.95	1	1	5.089005
Type 3-3_serv	BOBJ1	7	16.15	After	Interior Girder 3	16.15	0.95	1	1	4.916814
Type 3-3_serv	BOBJ1	7	16.15	After	Interior Girder 4	16.15	0.95	1	1	4.916814
Type 3-3_serv	BOBJ1	7	16.15	After	Interior Girder 5	16.15	0.95	1	1	5.089005
Type 3-3_serv	BOBJ1	7	16.15	After	Interior Girder 6	16.15	0.95	1	1	5.450712
Type 3-3_serv	BOBJ1	7	16.15	After	Right Exterior Girder	16.15	0.95	1	1	6.111436
Type 3-3_serv	BOBJ1	8	22.1267	Before	Left Exterior Girder	22.1267	0.95	1	1	6.752571
Type 3-3_serv	BOBJ1	8	22.1267	Before	Interior Girder 1	22.1267	0.95	1	1	5.323947

TABLE: Bridge Super Rating AASHTORATE18 31 - SteelICompServ-Flx - Approach, Span 16-19										
Request	BridgeObj	BridgeCut	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	Unitless	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Type 3-3_serv	BOBJ1	8	22.1267	Before	Interior Girder 2	22.1267	0.95	1	1	5.009486
Type 3-3_serv	BOBJ1	8	22.1267	Before	Interior Girder 3	22.1267	0.95	1	1	4.744896
Type 3-3_serv	BOBJ1	8	22.1267	Before	Interior Girder 4	22.1267	0.95	1	1	4.744896
Type 3-3_serv	BOBJ1	8	22.1267	Before	Interior Girder 5	22.1267	0.95	1	1	5.009486
Type 3-3_serv	BOBJ1	8	22.1267	Before	Interior Girder 6	22.1267	0.95	1	1	5.323947
Type 3-3_serv	BOBJ1	8	22.1267	Before	Right Exterior Girder	22.1267	0.95	1	1	6.752571
Type 3-3_serv	BOBJ1	9	22.1267	After	Left Exterior Girder	22.1267	0.95	1	1	6.802825
Type 3-3_serv	BOBJ1	9	22.1267	After	Interior Girder 1	22.1267	0.95	1	1	5.298031
Type 3-3_serv	BOBJ1	9	22.1267	After	Interior Girder 2	22.1267	0.95	1	1	4.986267
Type 3-3_serv	BOBJ1	9	22.1267	After	Interior Girder 3	22.1267	0.95	1	1	4.733751
Type 3-3_serv	BOBJ1	9	22.1267	After	Interior Girder 4	22.1267	0.95	1	1	4.733751
Type 3-3_serv	BOBJ1	9	22.1267	After	Interior Girder 5	22.1267	0.95	1	1	4.986267
Type 3-3_serv	BOBJ1	9	22.1267	After	Interior Girder 6	22.1267	0.95	1	1	5.298031
Type 3-3_serv	BOBJ1	9	22.1267	After	Right Exterior Girder	22.1267	0.95	1	1	6.802825
Type 3-3_serv	BOBJ1	10	28.1033	Before	Left Exterior Girder	28.1033	0.95	1	1	7.097399
Type 3-3_serv	BOBJ1	10	28.1033	Before	Interior Girder 1	28.1033	0.95	1	1	6.205843
Type 3-3_serv	BOBJ1	10	28.1033	Before	Interior Girder 2	28.1033	0.95	1	1	5.833162
Type 3-3_serv	BOBJ1	10	28.1033	Before	Interior Girder 3	28.1033	0.95	1	1	5.606366
Type 3-3_serv	BOBJ1	10	28.1033	Before	Interior Girder 4	28.1033	0.95	1	1	5.606366
Type 3-3_serv	BOBJ1	10	28.1033	Before	Interior Girder 5	28.1033	0.95	1	1	5.833162
Type 3-3_serv	BOBJ1	10	28.1033	Before	Interior Girder 6	28.1033	0.95	1	1	6.205843
Type 3-3_serv	BOBJ1	10	28.1033	Before	Right Exterior Girder	28.1033	0.95	1	1	7.097399
Type 3-3_serv	BOBJ1	11	28.1033	After	Left Exterior Girder	28.1033	0.95	1	1	7.218833
Type 3-3_serv	BOBJ1	11	28.1033	After	Interior Girder 1	28.1033	0.95	1	1	6.264512
Type 3-3_serv	BOBJ1	11	28.1033	After	Interior Girder 2	28.1033	0.95	1	1	5.840238
Type 3-3_serv	BOBJ1	11	28.1033	After	Interior Girder 3	28.1033	0.95	1	1	5.574379
Type 3-3_serv	BOBJ1	11	28.1033	After	Interior Girder 4	28.1033	0.95	1	1	5.574379
Type 3-3_serv	BOBJ1	11	28.1033	After	Interior Girder 5	28.1033	0.95	1	1	5.840238
Type 3-3_serv	BOBJ1	11	28.1033	After	Interior Girder 6	28.1033	0.95	1	1	6.264512
Type 3-3_serv	BOBJ1	11	28.1033	After	Right Exterior Girder	28.1033	0.95	1	1	7.218833
Type 3-3_serv	BOBJ1	12	34.08	Before	Left Exterior Girder	34.08	0.95	1	1	5.157792
Type 3-3_serv	BOBJ1	12	34.08	Before	Interior Girder 1	34.08	0.95	1	1	5.223172
Type 3-3_serv	BOBJ1	12	34.08	Before	Interior Girder 2	34.08	0.95	1	1	5.248089
Type 3-3_serv	BOBJ1	12	34.08	Before	Interior Girder 3	34.08	0.95	1	1	5.448004
Type 3-3_serv	BOBJ1	12	34.08	Before	Interior Girder 4	34.08	0.95	1	1	5.448004
Type 3-3_serv	BOBJ1	12	34.08	Before	Interior Girder 5	34.08	0.95	1	1	5.248089
Type 3-3_serv	BOBJ1	12	34.08	Before	Interior Girder 6	34.08	0.95	1	1	5.223172
Type 3-3_serv	BOBJ1	12	34.08	Before	Right Exterior Girder	34.08	0.95	1	1	5.157792
Type 3-3_serv	BOBJ1	13	34.08	After	Left Exterior Girder	34.08	0.95	1	1	5.216408
Type 3-3_serv	BOBJ1	13	34.08	After	Interior Girder 1	34.08	0.95	1	1	5.170466
Type 3-3_serv	BOBJ1	13	34.08	After	Interior Girder 2	34.08	0.95	1	1	5.211082
Type 3-3_serv	BOBJ1	13	34.08	After	Interior Girder 3	34.08	0.95	1	1	5.453725
Type 3-3_serv	BOBJ1	13	34.08	After	Interior Girder 4	34.08	0.95	1	1	5.453725
Type 3-3_serv	BOBJ1	13	34.08	After	Interior Girder 5	34.08	0.95	1	1	5.211082
Type 3-3_serv	BOBJ1	13	34.08	After	Interior Girder 6	34.08	0.95	1	1	5.170466
Type 3-3_serv	BOBJ1	13	34.08	After	Right Exterior Girder	34.08	0.95	1	1	5.216408
Type 3-3_serv	BOBJ1	14	39.855	Before	Left Exterior Girder	39.855	0.95	1	1	3.509618
Type 3-3_serv	BOBJ1	14	39.855	Before	Interior Girder 1	39.855	0.95	1	1	3.978418
Type 3-3_serv	BOBJ1	14	39.855	Before	Interior Girder 2	39.855	0.95	1	1	3.946623
Type 3-3_serv	BOBJ1	14	39.855	Before	Interior Girder 3	39.855	0.95	1	1	3.765239
Type 3-3_serv	BOBJ1	14	39.855	Before	Interior Girder 4	39.855	0.95	1	1	3.765239
Type 3-3_serv	BOBJ1	14	39.855	Before	Interior Girder 5	39.855	0.95	1	1	3.946623
Type 3-3_serv	BOBJ1	14	39.855	Before	Interior Girder 6	39.855	0.95	1	1	3.978418
Type 3-3_serv	BOBJ1	14	39.855	Before	Right Exterior Girder	39.855	0.95	1	1	3.509618
Type 3-3_serv	BOBJ1	15	39.855	After	Left Exterior Girder	39.855	0.95	1	1	3.578501
Type 3-3_serv	BOBJ1	15	39.855	After	Interior Girder 1	39.855	0.95	1	1	3.921029
Type 3-3_serv	BOBJ1	15	39.855	After	Interior Girder 2	39.855	0.95	1	1	3.899522
Type 3-3_serv	BOBJ1	15	39.855	After	Interior Girder 3	39.855	0.95	1	1	3.744793
Type 3-3_serv	BOBJ1	15	39.855	After	Interior Girder 4	39.855	0.95	1	1	3.744793
Type 3-3_serv	BOBJ1	15	39.855	After	Interior Girder 5	39.855	0.95	1	1	3.899522
Type 3-3_serv	BOBJ1	15	39.855	After	Interior Girder 6	39.855	0.95	1	1	3.921029
Type 3-3_serv	BOBJ1	15	39.855	After	Right Exterior Girder	39.855	0.95	1	1	3.578501
Type 3-3_serv	BOBJ1	16	40.0288	Before	Left Exterior Girder	40.0288	0.95	1	1	3.51427
Type 3-3_serv	BOBJ1	16	40.0288	Before	Right Exterior Girder	40.0288	0.95	1	1	3.51427
Type 3-3_serv	BOBJ1	17	40.0288	After	Left Exterior Girder	40.0288	0.95	1	1	5.049723
Type 3-3_serv	BOBJ1	17	40.0288	After	Right Exterior Girder	40.0288	0.95	1	1	5.049723
Type 3-3_serv	BOBJ1	18	45.63	Before	Left Exterior Girder	45.63	0.95	1	1	3.261964
Type 3-3_serv	BOBJ1	18	45.63	Before	Interior Girder 1	45.63	0.95	1	1	2.496677
Type 3-3_serv	BOBJ1	18	45.63	Before	Interior Girder 2	45.63	0.95	1	1	2.442066
Type 3-3_serv	BOBJ1	18	45.63	Before	Interior Girder 3	45.63	0.95	1	1	1.962007
Type 3-3_serv	BOBJ1	18	45.63	Before	Interior Girder 4	45.63	0.95	1	1	1.962007
Type 3-3_serv	BOBJ1	18	45.63	Before	Interior Girder 5	45.63	0.95	1	1	2.442066
Type 3-3_serv	BOBJ1	18	45.63	Before	Interior Girder 6	45.63	0.95	1	1	2.496677

TABLE: Bridge Super Rating AASHTORATE18 31 - SteelICompServ-Flx - Approach, Span 16-19										
Request	BridgeObj	BridgeCut	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	Unitless	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Type 3-3_serv	BOBJ1	18	45.63	Before	Right Exterior Girder	45.63	0.95	1	1	3.261964
Type 3-3_serv	BOBJ1	19	45.63	After	Left Exterior Girder	0	0.95	1	1	3.29059
Type 3-3_serv	BOBJ1	19	45.63	After	Interior Girder 1	0	0.95	1	1	2.446423
Type 3-3_serv	BOBJ1	19	45.63	After	Interior Girder 2	0	0.95	1	1	2.397873
Type 3-3_serv	BOBJ1	19	45.63	After	Interior Girder 3	0	0.95	1	1	1.919578
Type 3-3_serv	BOBJ1	19	45.63	After	Interior Girder 4	0	0.95	1	1	1.919578
Type 3-3_serv	BOBJ1	19	45.63	After	Interior Girder 5	0	0.95	1	1	2.397873
Type 3-3_serv	BOBJ1	19	45.63	After	Interior Girder 6	0	0.95	1	1	2.446423
Type 3-3_serv	BOBJ1	19	45.63	After	Right Exterior Girder	0	0.95	1	1	3.29059
Type 3-3_serv	BOBJ1	20	50.6298	Before	Left Exterior Girder	4.9998	0.95	1	1	8.007802
Type 3-3_serv	BOBJ1	20	50.6298	Before	Right Exterior Girder	4.9998	0.95	1	1	8.007802
Type 3-3_serv	BOBJ1	21	50.6298	After	Left Exterior Girder	4.9998	0.95	1	1	5.352493
Type 3-3_serv	BOBJ1	21	50.6298	After	Right Exterior Girder	4.9998	0.95	1	1	5.352493
Type 3-3_serv	BOBJ1	22	51.4	Before	Left Exterior Girder	5.77	0.95	1	1	6.637112
Type 3-3_serv	BOBJ1	22	51.4	Before	Interior Girder 1	5.77	0.95	1	1	6.115533
Type 3-3_serv	BOBJ1	22	51.4	Before	Interior Girder 2	5.77	0.95	1	1	5.902768
Type 3-3_serv	BOBJ1	22	51.4	Before	Interior Girder 3	5.77	0.95	1	1	5.326515
Type 3-3_serv	BOBJ1	22	51.4	Before	Interior Girder 4	5.77	0.95	1	1	5.326515
Type 3-3_serv	BOBJ1	22	51.4	Before	Interior Girder 5	5.77	0.95	1	1	5.902768
Type 3-3_serv	BOBJ1	22	51.4	Before	Interior Girder 6	5.77	0.95	1	1	6.115533
Type 3-3_serv	BOBJ1	22	51.4	Before	Right Exterior Girder	5.77	0.95	1	1	6.637112
Type 3-3_serv	BOBJ1	23	51.4	After	Left Exterior Girder	5.77	0.95	1	1	6.418204
Type 3-3_serv	BOBJ1	23	51.4	After	Interior Girder 1	5.77	0.95	1	1	6.241259
Type 3-3_serv	BOBJ1	23	51.4	After	Interior Girder 2	5.77	0.95	1	1	5.858432
Type 3-3_serv	BOBJ1	23	51.4	After	Interior Girder 3	5.77	0.95	1	1	5.203987
Type 3-3_serv	BOBJ1	23	51.4	After	Interior Girder 4	5.77	0.95	1	1	5.203987
Type 3-3_serv	BOBJ1	23	51.4	After	Interior Girder 5	5.77	0.95	1	1	5.858432
Type 3-3_serv	BOBJ1	23	51.4	After	Interior Girder 6	5.77	0.95	1	1	6.241259
Type 3-3_serv	BOBJ1	23	51.4	After	Right Exterior Girder	5.77	0.95	1	1	6.418204
Type 3-3_serv	BOBJ1	24	57.17	Before	Left Exterior Girder	11.54	0.95	1	1	12.470758
Type 3-3_serv	BOBJ1	24	57.17	Before	Interior Girder 1	11.54	0.95	1	1	11.576623
Type 3-3_serv	BOBJ1	24	57.17	Before	Interior Girder 2	11.54	0.95	1	1	10.671628
Type 3-3_serv	BOBJ1	24	57.17	Before	Interior Girder 3	11.54	0.95	1	1	10.21898
Type 3-3_serv	BOBJ1	24	57.17	Before	Interior Girder 4	11.54	0.95	1	1	10.21898
Type 3-3_serv	BOBJ1	24	57.17	Before	Interior Girder 5	11.54	0.95	1	1	10.671628
Type 3-3_serv	BOBJ1	24	57.17	Before	Interior Girder 6	11.54	0.95	1	1	11.576623
Type 3-3_serv	BOBJ1	24	57.17	Before	Right Exterior Girder	11.54	0.95	1	1	12.470758
Type 3-3_serv	BOBJ1	25	57.17	After	Left Exterior Girder	11.54	0.95	1	1	12.374198
Type 3-3_serv	BOBJ1	25	57.17	After	Interior Girder 1	11.54	0.95	1	1	11.682372
Type 3-3_serv	BOBJ1	25	57.17	After	Interior Girder 2	11.54	0.95	1	1	10.584647
Type 3-3_serv	BOBJ1	25	57.17	After	Interior Girder 3	11.54	0.95	1	1	10.3558
Type 3-3_serv	BOBJ1	25	57.17	After	Interior Girder 4	11.54	0.95	1	1	10.3558
Type 3-3_serv	BOBJ1	25	57.17	After	Interior Girder 5	11.54	0.95	1	1	10.584647
Type 3-3_serv	BOBJ1	25	57.17	After	Interior Girder 6	11.54	0.95	1	1	11.682372
Type 3-3_serv	BOBJ1	25	57.17	After	Right Exterior Girder	11.54	0.95	1	1	12.374198
Type 3-3_serv	BOBJ1	26	63.34	Before	Left Exterior Girder	17.71	0.95	1	1	7.128153
Type 3-3_serv	BOBJ1	26	63.34	Before	Interior Girder 1	17.71	0.95	1	1	5.95069
Type 3-3_serv	BOBJ1	26	63.34	Before	Interior Girder 2	17.71	0.95	1	1	5.529527
Type 3-3_serv	BOBJ1	26	63.34	Before	Interior Girder 3	17.71	0.95	1	1	5.293062
Type 3-3_serv	BOBJ1	26	63.34	Before	Interior Girder 4	17.71	0.95	1	1	5.293062
Type 3-3_serv	BOBJ1	26	63.34	Before	Interior Girder 5	17.71	0.95	1	1	5.529527
Type 3-3_serv	BOBJ1	26	63.34	Before	Interior Girder 6	17.71	0.95	1	1	5.95069
Type 3-3_serv	BOBJ1	26	63.34	Before	Right Exterior Girder	17.71	0.95	1	1	7.128153
Type 3-3_serv	BOBJ1	27	63.34	After	Left Exterior Girder	17.71	0.95	1	1	7.372443
Type 3-3_serv	BOBJ1	27	63.34	After	Interior Girder 1	17.71	0.95	1	1	5.830639
Type 3-3_serv	BOBJ1	27	63.34	After	Interior Girder 2	17.71	0.95	1	1	5.502336
Type 3-3_serv	BOBJ1	27	63.34	After	Interior Girder 3	17.71	0.95	1	1	5.361489
Type 3-3_serv	BOBJ1	27	63.34	After	Interior Girder 4	17.71	0.95	1	1	5.361489
Type 3-3_serv	BOBJ1	27	63.34	After	Interior Girder 5	17.71	0.95	1	1	5.502336
Type 3-3_serv	BOBJ1	27	63.34	After	Interior Girder 6	17.71	0.95	1	1	5.830639
Type 3-3_serv	BOBJ1	27	63.34	After	Right Exterior Girder	17.71	0.95	1	1	7.372443
Type 3-3_serv	BOBJ1	28	69.51	Before	Left Exterior Girder	23.88	0.95	1	1	4.645385
Type 3-3_serv	BOBJ1	28	69.51	Before	Interior Girder 1	23.88	0.95	1	1	4.210165
Type 3-3_serv	BOBJ1	28	69.51	Before	Interior Girder 2	23.88	0.95	1	1	4.04404
Type 3-3_serv	BOBJ1	28	69.51	Before	Interior Girder 3	23.88	0.95	1	1	3.920983
Type 3-3_serv	BOBJ1	28	69.51	Before	Interior Girder 4	23.88	0.95	1	1	3.920983
Type 3-3_serv	BOBJ1	28	69.51	Before	Interior Girder 5	23.88	0.95	1	1	4.04404
Type 3-3_serv	BOBJ1	28	69.51	Before	Interior Girder 6	23.88	0.95	1	1	4.210165
Type 3-3_serv	BOBJ1	28	69.51	Before	Right Exterior Girder	23.88	0.95	1	1	4.645385
Type 3-3_serv	BOBJ1	29	69.51	After	Left Exterior Girder	23.88	0.95	1	1	4.692889
Type 3-3_serv	BOBJ1	29	69.51	After	Interior Girder 1	23.88	0.95	1	1	4.200083
Type 3-3_serv	BOBJ1	29	69.51	After	Interior Girder 2	23.88	0.95	1	1	4.064426
Type 3-3_serv	BOBJ1	29	69.51	After	Interior Girder 3	23.88	0.95	1	1	3.964584

TABLE: Bridge Super Rating AASHTORATE18 31 - SteelICompServ-Flx - Approach, Span 16-19										
Request	BridgeObj	BridgeCut	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	Unitless	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Type 3-3_serv	BOBJ1	29	69.51	After	Interior Girder 4	23.88	0.95	1	1	3.964584
Type 3-3_serv	BOBJ1	29	69.51	After	Interior Girder 5	23.88	0.95	1	1	4.064426
Type 3-3_serv	BOBJ1	29	69.51	After	Interior Girder 6	23.88	0.95	1	1	4.200083
Type 3-3_serv	BOBJ1	29	69.51	After	Right Exterior Girder	23.88	0.95	1	1	4.692889
Type 3-3_serv	BOBJ1	30	75.68	Before	Left Exterior Girder	30.05	0.95	1	1	3.642414
Type 3-3_serv	BOBJ1	30	75.68	Before	Interior Girder 1	30.05	0.95	1	1	3.856468
Type 3-3_serv	BOBJ1	30	75.68	Before	Interior Girder 2	30.05	0.95	1	1	3.814163
Type 3-3_serv	BOBJ1	30	75.68	Before	Interior Girder 3	30.05	0.95	1	1	3.724273
Type 3-3_serv	BOBJ1	30	75.68	Before	Interior Girder 4	30.05	0.95	1	1	3.724273
Type 3-3_serv	BOBJ1	30	75.68	Before	Interior Girder 5	30.05	0.95	1	1	3.814163
Type 3-3_serv	BOBJ1	30	75.68	Before	Interior Girder 6	30.05	0.95	1	1	3.856468
Type 3-3_serv	BOBJ1	30	75.68	Before	Right Exterior Girder	30.05	0.95	1	1	3.642414
Type 3-3_serv	BOBJ1	31	75.68	After	Left Exterior Girder	30.05	0.95	1	1	3.666762
Type 3-3_serv	BOBJ1	31	75.68	After	Interior Girder 1	30.05	0.95	1	1	3.838654
Type 3-3_serv	BOBJ1	31	75.68	After	Interior Girder 2	30.05	0.95	1	1	3.806571
Type 3-3_serv	BOBJ1	31	75.68	After	Interior Girder 3	30.05	0.95	1	1	3.724234
Type 3-3_serv	BOBJ1	31	75.68	After	Interior Girder 4	30.05	0.95	1	1	3.724234
Type 3-3_serv	BOBJ1	31	75.68	After	Interior Girder 5	30.05	0.95	1	1	3.806571
Type 3-3_serv	BOBJ1	31	75.68	After	Interior Girder 6	30.05	0.95	1	1	3.838654
Type 3-3_serv	BOBJ1	31	75.68	After	Right Exterior Girder	30.05	0.95	1	1	3.666762
Type 3-3_serv	BOBJ1	32	81.8467	Before	Left Exterior Girder	36.2167	0.95	1	1	3.77104
Type 3-3_serv	BOBJ1	32	81.8467	Before	Interior Girder 1	36.2167	0.95	1	1	3.648642
Type 3-3_serv	BOBJ1	32	81.8467	Before	Interior Girder 2	36.2167	0.95	1	1	3.550396
Type 3-3_serv	BOBJ1	32	81.8467	Before	Interior Girder 3	36.2167	0.95	1	1	3.476469
Type 3-3_serv	BOBJ1	32	81.8467	Before	Interior Girder 4	36.2167	0.95	1	1	3.476469
Type 3-3_serv	BOBJ1	32	81.8467	Before	Interior Girder 5	36.2167	0.95	1	1	3.550396
Type 3-3_serv	BOBJ1	32	81.8467	Before	Interior Girder 6	36.2167	0.95	1	1	3.648642
Type 3-3_serv	BOBJ1	32	81.8467	Before	Right Exterior Girder	36.2167	0.95	1	1	3.77104
Type 3-3_serv	BOBJ1	33	81.8467	After	Left Exterior Girder	36.2167	0.95	1	1	3.781803
Type 3-3_serv	BOBJ1	33	81.8467	After	Interior Girder 1	36.2167	0.95	1	1	3.637065
Type 3-3_serv	BOBJ1	33	81.8467	After	Interior Girder 2	36.2167	0.95	1	1	3.533948
Type 3-3_serv	BOBJ1	33	81.8467	After	Interior Girder 3	36.2167	0.95	1	1	3.45883
Type 3-3_serv	BOBJ1	33	81.8467	After	Interior Girder 4	36.2167	0.95	1	1	3.45883
Type 3-3_serv	BOBJ1	33	81.8467	After	Interior Girder 5	36.2167	0.95	1	1	3.533948
Type 3-3_serv	BOBJ1	33	81.8467	After	Interior Girder 6	36.2167	0.95	1	1	3.637065
Type 3-3_serv	BOBJ1	33	81.8467	After	Right Exterior Girder	36.2167	0.95	1	1	3.781803
Type 3-3_serv	BOBJ1	34	88.0133	Before	Left Exterior Girder	42.3833	0.95	1	1	4.490933
Type 3-3_serv	BOBJ1	34	88.0133	Before	Interior Girder 1	42.3833	0.95	1	1	4.023994
Type 3-3_serv	BOBJ1	34	88.0133	Before	Interior Girder 2	42.3833	0.95	1	1	3.910045
Type 3-3_serv	BOBJ1	34	88.0133	Before	Interior Girder 3	42.3833	0.95	1	1	3.813949
Type 3-3_serv	BOBJ1	34	88.0133	Before	Interior Girder 4	42.3833	0.95	1	1	3.813949
Type 3-3_serv	BOBJ1	34	88.0133	Before	Interior Girder 5	42.3833	0.95	1	1	3.910045
Type 3-3_serv	BOBJ1	34	88.0133	Before	Interior Girder 6	42.3833	0.95	1	1	4.023994
Type 3-3_serv	BOBJ1	34	88.0133	Before	Right Exterior Girder	42.3833	0.95	1	1	4.490933
Type 3-3_serv	BOBJ1	35	88.0133	After	Left Exterior Girder	42.3833	0.95	1	1	4.388993
Type 3-3_serv	BOBJ1	35	88.0133	After	Interior Girder 1	42.3833	0.95	1	1	4.078887
Type 3-3_serv	BOBJ1	35	88.0133	After	Interior Girder 2	42.3833	0.95	1	1	3.931731
Type 3-3_serv	BOBJ1	35	88.0133	After	Interior Girder 3	42.3833	0.95	1	1	3.796498
Type 3-3_serv	BOBJ1	35	88.0133	After	Interior Girder 4	42.3833	0.95	1	1	3.796498
Type 3-3_serv	BOBJ1	35	88.0133	After	Interior Girder 5	42.3833	0.95	1	1	3.931731
Type 3-3_serv	BOBJ1	35	88.0133	After	Interior Girder 6	42.3833	0.95	1	1	4.078887
Type 3-3_serv	BOBJ1	35	88.0133	After	Right Exterior Girder	42.3833	0.95	1	1	4.388993
Type 3-3_serv	BOBJ1	36	94.18	Before	Left Exterior Girder	48.55	0.95	1	1	5.963098
Type 3-3_serv	BOBJ1	36	94.18	Before	Interior Girder 1	48.55	0.95	1	1	5.840731
Type 3-3_serv	BOBJ1	36	94.18	Before	Interior Girder 2	48.55	0.95	1	1	5.432108
Type 3-3_serv	BOBJ1	36	94.18	Before	Interior Girder 3	48.55	0.95	1	1	5.415298
Type 3-3_serv	BOBJ1	36	94.18	Before	Interior Girder 4	48.55	0.95	1	1	5.415298
Type 3-3_serv	BOBJ1	36	94.18	Before	Interior Girder 5	48.55	0.95	1	1	5.432108
Type 3-3_serv	BOBJ1	36	94.18	Before	Interior Girder 6	48.55	0.95	1	1	5.840731
Type 3-3_serv	BOBJ1	36	94.18	Before	Right Exterior Girder	48.55	0.95	1	1	5.963098
Type 3-3_serv	BOBJ1	37	94.18	After	Left Exterior Girder	48.55	0.95	1	1	5.832391
Type 3-3_serv	BOBJ1	37	94.18	After	Interior Girder 1	48.55	0.95	1	1	5.930619
Type 3-3_serv	BOBJ1	37	94.18	After	Interior Girder 2	48.55	0.95	1	1	5.448265
Type 3-3_serv	BOBJ1	37	94.18	After	Interior Girder 3	48.55	0.95	1	1	5.358052
Type 3-3_serv	BOBJ1	37	94.18	After	Interior Girder 4	48.55	0.95	1	1	5.358052
Type 3-3_serv	BOBJ1	37	94.18	After	Interior Girder 5	48.55	0.95	1	1	5.448265
Type 3-3_serv	BOBJ1	37	94.18	After	Interior Girder 6	48.55	0.95	1	1	5.930619
Type 3-3_serv	BOBJ1	37	94.18	After	Right Exterior Girder	48.55	0.95	1	1	5.832391
Type 3-3_serv	BOBJ1	38	100.3567	Before	Left Exterior Girder	54.7267	0.95	1	1	8.899847
Type 3-3_serv	BOBJ1	38	100.3567	Before	Interior Girder 1	54.7267	0.95	1	1	8.755993
Type 3-3_serv	BOBJ1	38	100.3567	Before	Interior Girder 2	54.7267	0.95	1	1	8.296779
Type 3-3_serv	BOBJ1	38	100.3567	Before	Interior Girder 3	54.7267	0.95	1	1	8.406999
Type 3-3_serv	BOBJ1	38	100.3567	Before	Interior Girder 4	54.7267	0.95	1	1	8.406999

TABLE: Bridge Super Rating AASHTORATE18 31 - SteelICompServ-Flx - Approach, Span 16-19										
Request	BridgeObj	BridgeCut	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	Unitless	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Type 3-3_serv	BOBJ1	38	100.3567	Before	Interior Girder 5	54.7267	0.95	1	1	8.296779
Type 3-3_serv	BOBJ1	38	100.3567	Before	Interior Girder 6	54.7267	0.95	1	1	8.755993
Type 3-3_serv	BOBJ1	38	100.3567	Before	Right Exterior Girder	54.7267	0.95	1	1	8.899847
Type 3-3_serv	BOBJ1	39	100.3567	After	Left Exterior Girder	54.7267	0.95	1	1	9.02483
Type 3-3_serv	BOBJ1	39	100.3567	After	Interior Girder 1	54.7267	0.95	1	1	8.638832
Type 3-3_serv	BOBJ1	39	100.3567	After	Interior Girder 2	54.7267	0.95	1	1	8.193109
Type 3-3_serv	BOBJ1	39	100.3567	After	Interior Girder 3	54.7267	0.95	1	1	8.18006
Type 3-3_serv	BOBJ1	39	100.3567	After	Interior Girder 4	54.7267	0.95	1	1	8.18006
Type 3-3_serv	BOBJ1	39	100.3567	After	Interior Girder 5	54.7267	0.95	1	1	8.193109
Type 3-3_serv	BOBJ1	39	100.3567	After	Interior Girder 6	54.7267	0.95	1	1	8.638832
Type 3-3_serv	BOBJ1	39	100.3567	After	Right Exterior Girder	54.7267	0.95	1	1	9.02483
Type 3-3_serv	BOBJ1	40	106.5333	Before	Left Exterior Girder	60.9033	0.95	1	1	6.180244
Type 3-3_serv	BOBJ1	40	106.5333	Before	Interior Girder 1	60.9033	0.95	1	1	6.355003
Type 3-3_serv	BOBJ1	40	106.5333	Before	Interior Girder 2	60.9033	0.95	1	1	5.850158
Type 3-3_serv	BOBJ1	40	106.5333	Before	Interior Girder 3	60.9033	0.95	1	1	5.32763
Type 3-3_serv	BOBJ1	40	106.5333	Before	Interior Girder 4	60.9033	0.95	1	1	5.32763
Type 3-3_serv	BOBJ1	40	106.5333	Before	Interior Girder 5	60.9033	0.95	1	1	5.850158
Type 3-3_serv	BOBJ1	40	106.5333	Before	Interior Girder 6	60.9033	0.95	1	1	6.355003
Type 3-3_serv	BOBJ1	40	106.5333	Before	Right Exterior Girder	60.9033	0.95	1	1	6.180244
Type 3-3_serv	BOBJ1	41	106.5333	After	Left Exterior Girder	60.9033	0.95	1	1	6.328672
Type 3-3_serv	BOBJ1	41	106.5333	After	Interior Girder 1	60.9033	0.95	1	1	6.189896
Type 3-3_serv	BOBJ1	41	106.5333	After	Interior Girder 2	60.9033	0.95	1	1	5.797988
Type 3-3_serv	BOBJ1	41	106.5333	After	Interior Girder 3	60.9033	0.95	1	1	5.363829
Type 3-3_serv	BOBJ1	41	106.5333	After	Interior Girder 4	60.9033	0.95	1	1	5.363829
Type 3-3_serv	BOBJ1	41	106.5333	After	Interior Girder 5	60.9033	0.95	1	1	5.797988
Type 3-3_serv	BOBJ1	41	106.5333	After	Interior Girder 6	60.9033	0.95	1	1	6.189896
Type 3-3_serv	BOBJ1	41	106.5333	After	Right Exterior Girder	60.9033	0.95	1	1	6.328672
Type 3-3_serv	BOBJ1	42	108.2102	Before	Left Exterior Girder	62.5802	0.95	1	1	4.798088
Type 3-3_serv	BOBJ1	42	108.2102	Before	Right Exterior Girder	62.5802	0.95	1	1	4.798088
Type 3-3_serv	BOBJ1	43	108.2102	After	Left Exterior Girder	62.5802	0.95	1	1	7.198975
Type 3-3_serv	BOBJ1	43	108.2102	After	Right Exterior Girder	62.5802	0.95	1	1	7.198975
Type 3-3_serv	BOBJ1	44	112.71	Before	Left Exterior Girder	67.08	0.95	1	1	3.535339
Type 3-3_serv	BOBJ1	44	112.71	Before	Interior Girder 1	67.08	0.95	1	1	2.410389
Type 3-3_serv	BOBJ1	44	112.71	Before	Interior Girder 2	67.08	0.95	1	1	2.338428
Type 3-3_serv	BOBJ1	44	112.71	Before	Interior Girder 3	67.08	0.95	1	1	1.949682
Type 3-3_serv	BOBJ1	44	112.71	Before	Interior Girder 4	67.08	0.95	1	1	1.949682
Type 3-3_serv	BOBJ1	44	112.71	Before	Interior Girder 5	67.08	0.95	1	1	2.338428
Type 3-3_serv	BOBJ1	44	112.71	Before	Interior Girder 6	67.08	0.95	1	1	2.410389
Type 3-3_serv	BOBJ1	44	112.71	Before	Right Exterior Girder	67.08	0.95	1	1	3.535339
Type 3-3_serv	BOBJ1	45	112.71	After	Left Exterior Girder	0	0.95	1	1	3.507384
Type 3-3_serv	BOBJ1	45	112.71	After	Interior Girder 1	0	0.95	1	1	2.42085
Type 3-3_serv	BOBJ1	45	112.71	After	Interior Girder 2	0	0.95	1	1	2.354678
Type 3-3_serv	BOBJ1	45	112.71	After	Interior Girder 3	0	0.95	1	1	1.962268
Type 3-3_serv	BOBJ1	45	112.71	After	Interior Girder 4	0	0.95	1	1	1.962268
Type 3-3_serv	BOBJ1	45	112.71	After	Interior Girder 5	0	0.95	1	1	2.354678
Type 3-3_serv	BOBJ1	45	112.71	After	Interior Girder 6	0	0.95	1	1	2.42085
Type 3-3_serv	BOBJ1	45	112.71	After	Right Exterior Girder	0	0.95	1	1	3.507384
Type 3-3_serv	BOBJ1	46	117.21	Before	Left Exterior Girder	4.5	0.95	1	1	5.098752
Type 3-3_serv	BOBJ1	46	117.21	Before	Right Exterior Girder	4.5	0.95	1	1	5.098752
Type 3-3_serv	BOBJ1	47	117.21	After	Left Exterior Girder	4.5	0.95	1	1	3.465719
Type 3-3_serv	BOBJ1	47	117.21	After	Right Exterior Girder	4.5	0.95	1	1	3.465719
Type 3-3_serv	BOBJ1	48	119.1	Before	Left Exterior Girder	6.39	0.95	1	1	4.03338
Type 3-3_serv	BOBJ1	48	119.1	Before	Interior Girder 1	6.39	0.95	1	1	4.192613
Type 3-3_serv	BOBJ1	48	119.1	Before	Interior Girder 2	6.39	0.95	1	1	4.146895
Type 3-3_serv	BOBJ1	48	119.1	Before	Interior Girder 3	6.39	0.95	1	1	4.02327
Type 3-3_serv	BOBJ1	48	119.1	Before	Interior Girder 4	6.39	0.95	1	1	4.02327
Type 3-3_serv	BOBJ1	48	119.1	Before	Interior Girder 5	6.39	0.95	1	1	4.146895
Type 3-3_serv	BOBJ1	48	119.1	Before	Interior Girder 6	6.39	0.95	1	1	4.192613
Type 3-3_serv	BOBJ1	48	119.1	Before	Right Exterior Girder	6.39	0.95	1	1	4.03338
Type 3-3_serv	BOBJ1	49	119.1	After	Left Exterior Girder	6.39	0.95	1	1	3.955106
Type 3-3_serv	BOBJ1	49	119.1	After	Interior Girder 1	6.39	0.95	1	1	4.295498
Type 3-3_serv	BOBJ1	49	119.1	After	Interior Girder 2	6.39	0.95	1	1	4.20357
Type 3-3_serv	BOBJ1	49	119.1	After	Interior Girder 3	6.39	0.95	1	1	4.0503
Type 3-3_serv	BOBJ1	49	119.1	After	Interior Girder 4	6.39	0.95	1	1	4.0503
Type 3-3_serv	BOBJ1	49	119.1	After	Interior Girder 5	6.39	0.95	1	1	4.20357
Type 3-3_serv	BOBJ1	49	119.1	After	Interior Girder 6	6.39	0.95	1	1	4.295498
Type 3-3_serv	BOBJ1	49	119.1	After	Right Exterior Girder	6.39	0.95	1	1	3.955106
Type 3-3_serv	BOBJ1	50	125.49	Before	Left Exterior Girder	12.78	0.95	1	1	5.848465
Type 3-3_serv	BOBJ1	50	125.49	Before	Interior Girder 1	12.78	0.95	1	1	5.734676
Type 3-3_serv	BOBJ1	50	125.49	Before	Interior Girder 2	12.78	0.95	1	1	5.734839
Type 3-3_serv	BOBJ1	50	125.49	Before	Interior Girder 3	12.78	0.95	1	1	5.837388
Type 3-3_serv	BOBJ1	50	125.49	Before	Interior Girder 4	12.78	0.95	1	1	5.837388
Type 3-3_serv	BOBJ1	50	125.49	Before	Interior Girder 5	12.78	0.95	1	1	5.734839

TABLE: Bridge Super Rating AASHTORATE18 31 - SteelICompServ-Flx - Approach, Span 16-19										
Request	BridgeObj	BridgeCut	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	Unitless	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Type 3-3_serv	BOBJ1	50	125.49	Before	Interior Girder 6	12.78	0.95	1	1	5.734676
Type 3-3_serv	BOBJ1	50	125.49	Before	Right Exterior Girder	12.78	0.95	1	1	5.848465
Type 3-3_serv	BOBJ1	51	125.49	After	Left Exterior Girder	12.78	0.95	1	1	5.775267
Type 3-3_serv	BOBJ1	51	125.49	After	Interior Girder 1	12.78	0.95	1	1	5.80624
Type 3-3_serv	BOBJ1	51	125.49	After	Interior Girder 2	12.78	0.95	1	1	5.784443
Type 3-3_serv	BOBJ1	51	125.49	After	Interior Girder 3	12.78	0.95	1	1	5.84648
Type 3-3_serv	BOBJ1	51	125.49	After	Interior Girder 4	12.78	0.95	1	1	5.84648
Type 3-3_serv	BOBJ1	51	125.49	After	Interior Girder 5	12.78	0.95	1	1	5.784443
Type 3-3_serv	BOBJ1	51	125.49	After	Interior Girder 6	12.78	0.95	1	1	5.80624
Type 3-3_serv	BOBJ1	51	125.49	After	Right Exterior Girder	12.78	0.95	1	1	5.775267
Type 3-3_serv	BOBJ1	52	131.88	Before	Left Exterior Girder	19.17	0.95	1	1	6.546508
Type 3-3_serv	BOBJ1	52	131.88	Before	Interior Girder 1	19.17	0.95	1	1	6.477136
Type 3-3_serv	BOBJ1	52	131.88	Before	Interior Girder 2	19.17	0.95	1	1	5.900012
Type 3-3_serv	BOBJ1	52	131.88	Before	Interior Girder 3	19.17	0.95	1	1	5.699039
Type 3-3_serv	BOBJ1	52	131.88	Before	Interior Girder 4	19.17	0.95	1	1	5.699039
Type 3-3_serv	BOBJ1	52	131.88	Before	Interior Girder 5	19.17	0.95	1	1	5.900012
Type 3-3_serv	BOBJ1	52	131.88	Before	Interior Girder 6	19.17	0.95	1	1	6.477136
Type 3-3_serv	BOBJ1	52	131.88	Before	Right Exterior Girder	19.17	0.95	1	1	6.546508
Type 3-3_serv	BOBJ1	53	131.88	After	Left Exterior Girder	19.17	0.95	1	1	6.614002
Type 3-3_serv	BOBJ1	53	131.88	After	Interior Girder 1	19.17	0.95	1	1	6.429753
Type 3-3_serv	BOBJ1	53	131.88	After	Interior Girder 2	19.17	0.95	1	1	5.893166
Type 3-3_serv	BOBJ1	53	131.88	After	Interior Girder 3	19.17	0.95	1	1	5.743917
Type 3-3_serv	BOBJ1	53	131.88	After	Interior Girder 4	19.17	0.95	1	1	5.743917
Type 3-3_serv	BOBJ1	53	131.88	After	Interior Girder 5	19.17	0.95	1	1	5.893166
Type 3-3_serv	BOBJ1	53	131.88	After	Interior Girder 6	19.17	0.95	1	1	6.429753
Type 3-3_serv	BOBJ1	53	131.88	After	Right Exterior Girder	19.17	0.95	1	1	6.614002
Type 3-3_serv	BOBJ1	54	138.27	Before	Left Exterior Girder	25.56	0.95	1	1	6.033591
Type 3-3_serv	BOBJ1	54	138.27	Before	Interior Girder 1	25.56	0.95	1	1	5.227149
Type 3-3_serv	BOBJ1	54	138.27	Before	Interior Girder 2	25.56	0.95	1	1	4.893332
Type 3-3_serv	BOBJ1	54	138.27	Before	Interior Girder 3	25.56	0.95	1	1	4.623795
Type 3-3_serv	BOBJ1	54	138.27	Before	Interior Girder 4	25.56	0.95	1	1	4.623795
Type 3-3_serv	BOBJ1	54	138.27	Before	Interior Girder 5	25.56	0.95	1	1	4.893332
Type 3-3_serv	BOBJ1	54	138.27	Before	Interior Girder 6	25.56	0.95	1	1	5.227149
Type 3-3_serv	BOBJ1	54	138.27	Before	Right Exterior Girder	25.56	0.95	1	1	6.033591
Type 3-3_serv	BOBJ1	55	138.27	After	Left Exterior Girder	25.56	0.95	1	1	6.109596
Type 3-3_serv	BOBJ1	55	138.27	After	Interior Girder 1	25.56	0.95	1	1	5.189485
Type 3-3_serv	BOBJ1	55	138.27	After	Interior Girder 2	25.56	0.95	1	1	4.871016
Type 3-3_serv	BOBJ1	55	138.27	After	Interior Girder 3	25.56	0.95	1	1	4.625542
Type 3-3_serv	BOBJ1	55	138.27	After	Interior Girder 4	25.56	0.95	1	1	4.625542
Type 3-3_serv	BOBJ1	55	138.27	After	Interior Girder 5	25.56	0.95	1	1	4.871016
Type 3-3_serv	BOBJ1	55	138.27	After	Interior Girder 6	25.56	0.95	1	1	5.189485
Type 3-3_serv	BOBJ1	55	138.27	After	Right Exterior Girder	25.56	0.95	1	1	6.109596
Type 3-3_serv	BOBJ1	56	144.66	Before	Left Exterior Girder	31.95	0.95	1	1	6.240064
Type 3-3_serv	BOBJ1	56	144.66	Before	Interior Girder 1	31.95	0.95	1	1	5.239527
Type 3-3_serv	BOBJ1	56	144.66	Before	Interior Girder 2	31.95	0.95	1	1	4.91383
Type 3-3_serv	BOBJ1	56	144.66	Before	Interior Girder 3	31.95	0.95	1	1	4.669252
Type 3-3_serv	BOBJ1	56	144.66	Before	Interior Girder 4	31.95	0.95	1	1	4.669252
Type 3-3_serv	BOBJ1	56	144.66	Before	Interior Girder 5	31.95	0.95	1	1	4.91383
Type 3-3_serv	BOBJ1	56	144.66	Before	Interior Girder 6	31.95	0.95	1	1	5.239527
Type 3-3_serv	BOBJ1	56	144.66	Before	Right Exterior Girder	31.95	0.95	1	1	6.240064
Type 3-3_serv	BOBJ1	57	144.66	After	Left Exterior Girder	31.95	0.95	1	1	6.143635
Type 3-3_serv	BOBJ1	57	144.66	After	Interior Girder 1	31.95	0.95	1	1	5.287613
Type 3-3_serv	BOBJ1	57	144.66	After	Interior Girder 2	31.95	0.95	1	1	4.934703
Type 3-3_serv	BOBJ1	57	144.66	After	Interior Girder 3	31.95	0.95	1	1	4.66075
Type 3-3_serv	BOBJ1	57	144.66	After	Interior Girder 4	31.95	0.95	1	1	4.66075
Type 3-3_serv	BOBJ1	57	144.66	After	Interior Girder 5	31.95	0.95	1	1	4.934703
Type 3-3_serv	BOBJ1	57	144.66	After	Interior Girder 6	31.95	0.95	1	1	5.287613
Type 3-3_serv	BOBJ1	57	144.66	After	Right Exterior Girder	31.95	0.95	1	1	6.143635
Type 3-3_serv	BOBJ1	58	151.05	Before	Left Exterior Girder	38.34	0.95	1	1	7.053529
Type 3-3_serv	BOBJ1	58	151.05	Before	Interior Girder 1	38.34	0.95	1	1	6.651687
Type 3-3_serv	BOBJ1	58	151.05	Before	Interior Girder 2	38.34	0.95	1	1	6.071003
Type 3-3_serv	BOBJ1	58	151.05	Before	Interior Girder 3	38.34	0.95	1	1	5.907998
Type 3-3_serv	BOBJ1	58	151.05	Before	Interior Girder 4	38.34	0.95	1	1	5.907998
Type 3-3_serv	BOBJ1	58	151.05	Before	Interior Girder 5	38.34	0.95	1	1	6.071003
Type 3-3_serv	BOBJ1	58	151.05	Before	Interior Girder 6	38.34	0.95	1	1	6.651687
Type 3-3_serv	BOBJ1	58	151.05	Before	Right Exterior Girder	38.34	0.95	1	1	7.053529
Type 3-3_serv	BOBJ1	59	151.05	After	Left Exterior Girder	38.34	0.95	1	1	6.966245
Type 3-3_serv	BOBJ1	59	151.05	After	Interior Girder 1	38.34	0.95	1	1	6.71972
Type 3-3_serv	BOBJ1	59	151.05	After	Interior Girder 2	38.34	0.95	1	1	6.077383
Type 3-3_serv	BOBJ1	59	151.05	After	Interior Girder 3	38.34	0.95	1	1	5.852037
Type 3-3_serv	BOBJ1	59	151.05	After	Interior Girder 4	38.34	0.95	1	1	5.852037
Type 3-3_serv	BOBJ1	59	151.05	After	Interior Girder 5	38.34	0.95	1	1	6.077383
Type 3-3_serv	BOBJ1	59	151.05	After	Interior Girder 6	38.34	0.95	1	1	6.71972

TABLE: Bridge Super Rating AASHTORATE18 31 - SteelICompServ-Flx - Approach, Span 16-19										
Request	BridgeObj	BridgeCut	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	Unitless	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Type 3-3_serv	BOBJ1	59	151.05	After	Right Exterior Girder	38.34	0.95	1	1	6.966245
Type 3-3_serv	BOBJ1	60	157.4367	Before	Left Exterior Girder	44.7267	0.95	1	1	6.310442
Type 3-3_serv	BOBJ1	60	157.4367	Before	Interior Girder 1	44.7267	0.95	1	1	6.548289
Type 3-3_serv	BOBJ1	60	157.4367	Before	Interior Girder 2	44.7267	0.95	1	1	6.353386
Type 3-3_serv	BOBJ1	60	157.4367	Before	Interior Girder 3	44.7267	0.95	1	1	6.419778
Type 3-3_serv	BOBJ1	60	157.4367	Before	Interior Girder 4	44.7267	0.95	1	1	6.419778
Type 3-3_serv	BOBJ1	60	157.4367	Before	Interior Girder 5	44.7267	0.95	1	1	6.353386
Type 3-3_serv	BOBJ1	60	157.4367	Before	Interior Girder 6	44.7267	0.95	1	1	6.548289
Type 3-3_serv	BOBJ1	60	157.4367	Before	Right Exterior Girder	44.7267	0.95	1	1	6.310442
Type 3-3_serv	BOBJ1	61	157.4367	After	Left Exterior Girder	44.7267	0.95	1	1	6.368704
Type 3-3_serv	BOBJ1	61	157.4367	After	Interior Girder 1	44.7267	0.95	1	1	6.495026
Type 3-3_serv	BOBJ1	61	157.4367	After	Interior Girder 2	44.7267	0.95	1	1	6.320075
Type 3-3_serv	BOBJ1	61	157.4367	After	Interior Girder 3	44.7267	0.95	1	1	6.412806
Type 3-3_serv	BOBJ1	61	157.4367	After	Interior Girder 4	44.7267	0.95	1	1	6.412806
Type 3-3_serv	BOBJ1	61	157.4367	After	Interior Girder 5	44.7267	0.95	1	1	6.320075
Type 3-3_serv	BOBJ1	61	157.4367	After	Interior Girder 6	44.7267	0.95	1	1	6.495026
Type 3-3_serv	BOBJ1	61	157.4367	After	Right Exterior Girder	44.7267	0.95	1	1	6.368704
Type 3-3_serv	BOBJ1	62	158.71	Before	Left Exterior Girder	46	0.95	1	1	5.898424
Type 3-3_serv	BOBJ1	62	158.71	Before	Interior Girder 1	46	0.95	1	1	6.166792
Type 3-3_serv	BOBJ1	62	158.71	Before	Interior Girder 2	46	0.95	1	1	5.947371
Type 3-3_serv	BOBJ1	62	158.71	Before	Interior Girder 3	46	0.95	1	1	5.952682
Type 3-3_serv	BOBJ1	62	158.71	Before	Interior Girder 4	46	0.95	1	1	5.952682
Type 3-3_serv	BOBJ1	62	158.71	Before	Interior Girder 5	46	0.95	1	1	5.947371
Type 3-3_serv	BOBJ1	62	158.71	Before	Interior Girder 6	46	0.95	1	1	6.166792
Type 3-3_serv	BOBJ1	62	158.71	Before	Right Exterior Girder	46	0.95	1	1	5.898424
Type 3-3_serv	BOBJ1	63	158.71	After	Left Exterior Girder	46	0.95	1	1	8.05334
Type 3-3_serv	BOBJ1	63	158.71	After	Interior Girder 1	46	0.95	1	1	7.702276
Type 3-3_serv	BOBJ1	63	158.71	After	Interior Girder 2	46	0.95	1	1	7.411642
Type 3-3_serv	BOBJ1	63	158.71	After	Interior Girder 3	46	0.95	1	1	7.470064
Type 3-3_serv	BOBJ1	63	158.71	After	Interior Girder 4	46	0.95	1	1	7.470064
Type 3-3_serv	BOBJ1	63	158.71	After	Interior Girder 5	46	0.95	1	1	7.411642
Type 3-3_serv	BOBJ1	63	158.71	After	Interior Girder 6	46	0.95	1	1	7.702276
Type 3-3_serv	BOBJ1	63	158.71	After	Right Exterior Girder	46	0.95	1	1	8.05334
Type 3-3_serv	BOBJ1	64	163.8233	Before	Left Exterior Girder	51.1133	0.95	1	1	6.10786
Type 3-3_serv	BOBJ1	64	163.8233	Before	Interior Girder 1	51.1133	0.95	1	1	6.180384
Type 3-3_serv	BOBJ1	64	163.8233	Before	Interior Girder 2	51.1133	0.95	1	1	5.898745
Type 3-3_serv	BOBJ1	64	163.8233	Before	Interior Girder 3	51.1133	0.95	1	1	5.574307
Type 3-3_serv	BOBJ1	64	163.8233	Before	Interior Girder 4	51.1133	0.95	1	1	5.574307
Type 3-3_serv	BOBJ1	64	163.8233	Before	Interior Girder 5	51.1133	0.95	1	1	5.898745
Type 3-3_serv	BOBJ1	64	163.8233	Before	Interior Girder 6	51.1133	0.95	1	1	6.180384
Type 3-3_serv	BOBJ1	64	163.8233	Before	Right Exterior Girder	51.1133	0.95	1	1	6.10786
Type 3-3_serv	BOBJ1	65	163.8233	After	Left Exterior Girder	51.1133	0.95	1	1	6.221278
Type 3-3_serv	BOBJ1	65	163.8233	After	Interior Girder 1	51.1133	0.95	1	1	6.034154
Type 3-3_serv	BOBJ1	65	163.8233	After	Interior Girder 2	51.1133	0.95	1	1	5.789748
Type 3-3_serv	BOBJ1	65	163.8233	After	Interior Girder 3	51.1133	0.95	1	1	5.474958
Type 3-3_serv	BOBJ1	65	163.8233	After	Interior Girder 4	51.1133	0.95	1	1	5.474958
Type 3-3_serv	BOBJ1	65	163.8233	After	Interior Girder 5	51.1133	0.95	1	1	5.789748
Type 3-3_serv	BOBJ1	65	163.8233	After	Interior Girder 6	51.1133	0.95	1	1	6.034154
Type 3-3_serv	BOBJ1	65	163.8233	After	Right Exterior Girder	51.1133	0.95	1	1	6.221278
Type 3-3_serv	BOBJ1	66	164.71	Before	Left Exterior Girder	52	0.95	1	1	5.882352
Type 3-3_serv	BOBJ1	66	164.71	Before	Right Exterior Girder	52	0.95	1	1	5.882352
Type 3-3_serv	BOBJ1	67	164.71	After	Left Exterior Girder	52	0.95	1	1	8.882136
Type 3-3_serv	BOBJ1	67	164.71	After	Right Exterior Girder	52	0.95	1	1	8.882136
Type 3-3_serv	BOBJ1	68	170.21	Before	Left Exterior Girder	57.5	0.95	1	1	5.486233
Type 3-3_serv	BOBJ1	68	170.21	Before	Interior Girder 1	57.5	0.95	1	1	3.147427
Type 3-3_serv	BOBJ1	68	170.21	Before	Interior Girder 2	57.5	0.95	1	1	3.018077
Type 3-3_serv	BOBJ1	68	170.21	Before	Interior Girder 3	57.5	0.95	1	1	2.505071
Type 3-3_serv	BOBJ1	68	170.21	Before	Interior Girder 4	57.5	0.95	1	1	2.505071
Type 3-3_serv	BOBJ1	68	170.21	Before	Interior Girder 5	57.5	0.95	1	1	3.018077
Type 3-3_serv	BOBJ1	68	170.21	Before	Interior Girder 6	57.5	0.95	1	1	3.147427
Type 3-3_serv	BOBJ1	68	170.21	Before	Right Exterior Girder	57.5	0.95	1	1	5.486233
Type 3-3_serv	BOBJ1	69	170.21	After	Left Exterior Girder	0	0.95	1	1	5.510447
Type 3-3_serv	BOBJ1	69	170.21	After	Interior Girder 1	0	0.95	1	1	3.170852
Type 3-3_serv	BOBJ1	69	170.21	After	Interior Girder 2	0	0.95	1	1	3.017007
Type 3-3_serv	BOBJ1	69	170.21	After	Interior Girder 3	0	0.95	1	1	2.500986
Type 3-3_serv	BOBJ1	69	170.21	After	Interior Girder 4	0	0.95	1	1	2.500986
Type 3-3_serv	BOBJ1	69	170.21	After	Interior Girder 5	0	0.95	1	1	3.017007
Type 3-3_serv	BOBJ1	69	170.21	After	Interior Girder 6	0	0.95	1	1	3.170852
Type 3-3_serv	BOBJ1	69	170.21	After	Right Exterior Girder	0	0.95	1	1	5.510447
Type 3-3_serv	BOBJ1	70	176.21	Before	Left Exterior Girder	6	0.95	1	1	10.598136
Type 3-3_serv	BOBJ1	70	176.21	Before	Right Exterior Girder	6	0.95	1	1	10.598136
Type 3-3_serv	BOBJ1	71	176.21	After	Left Exterior Girder	6	0.95	1	1	7.131052
Type 3-3_serv	BOBJ1	71	176.21	After	Right Exterior Girder	6	0.95	1	1	7.131052

TABLE: Bridge Super Rating AASHTORATE18 31 - SteelICompServ-Flx - Approach, Span 16-19										
Request	BridgeObj	BridgeCut	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	Unitless	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Type 3-3_serv	BOBJ1	72	176.6	Before	Left Exterior Girder	6.39	0.95	1	1	7.311924
Type 3-3_serv	BOBJ1	72	176.6	Before	Interior Girder 1	6.39	0.95	1	1	6.911031
Type 3-3_serv	BOBJ1	72	176.6	Before	Interior Girder 2	6.39	0.95	1	1	6.525561
Type 3-3_serv	BOBJ1	72	176.6	Before	Interior Girder 3	6.39	0.95	1	1	6.184594
Type 3-3_serv	BOBJ1	72	176.6	Before	Interior Girder 4	6.39	0.95	1	1	6.184594
Type 3-3_serv	BOBJ1	72	176.6	Before	Interior Girder 5	6.39	0.95	1	1	6.525561
Type 3-3_serv	BOBJ1	72	176.6	Before	Interior Girder 6	6.39	0.95	1	1	6.911031
Type 3-3_serv	BOBJ1	72	176.6	Before	Right Exterior Girder	6.39	0.95	1	1	7.311924
Type 3-3_serv	BOBJ1	73	176.6	After	Left Exterior Girder	6.39	0.95	1	1	7.13782
Type 3-3_serv	BOBJ1	73	176.6	After	Interior Girder 1	6.39	0.95	1	1	7.099212
Type 3-3_serv	BOBJ1	73	176.6	After	Interior Girder 2	6.39	0.95	1	1	6.658372
Type 3-3_serv	BOBJ1	73	176.6	After	Interior Girder 3	6.39	0.95	1	1	6.306628
Type 3-3_serv	BOBJ1	73	176.6	After	Interior Girder 4	6.39	0.95	1	1	6.306628
Type 3-3_serv	BOBJ1	73	176.6	After	Interior Girder 5	6.39	0.95	1	1	6.658372
Type 3-3_serv	BOBJ1	73	176.6	After	Interior Girder 6	6.39	0.95	1	1	7.099212
Type 3-3_serv	BOBJ1	73	176.6	After	Right Exterior Girder	6.39	0.95	1	1	7.13782
Type 3-3_serv	BOBJ1	74	182.99	Before	Left Exterior Girder	12.78	0.95	1	1	9.886488
Type 3-3_serv	BOBJ1	74	182.99	Before	Interior Girder 1	12.78	0.95	1	1	9.348258
Type 3-3_serv	BOBJ1	74	182.99	Before	Interior Girder 2	12.78	0.95	1	1	8.783667
Type 3-3_serv	BOBJ1	74	182.99	Before	Interior Girder 3	12.78	0.95	1	1	8.553498
Type 3-3_serv	BOBJ1	74	182.99	Before	Interior Girder 4	12.78	0.95	1	1	8.553498
Type 3-3_serv	BOBJ1	74	182.99	Before	Interior Girder 5	12.78	0.95	1	1	8.783667
Type 3-3_serv	BOBJ1	74	182.99	Before	Interior Girder 6	12.78	0.95	1	1	9.348258
Type 3-3_serv	BOBJ1	74	182.99	Before	Right Exterior Girder	12.78	0.95	1	1	9.886488
Type 3-3_serv	BOBJ1	75	182.99	After	Left Exterior Girder	12.78	0.95	1	1	9.788072
Type 3-3_serv	BOBJ1	75	182.99	After	Interior Girder 1	12.78	0.95	1	1	9.430219
Type 3-3_serv	BOBJ1	75	182.99	After	Interior Girder 2	12.78	0.95	1	1	8.852157
Type 3-3_serv	BOBJ1	75	182.99	After	Interior Girder 3	12.78	0.95	1	1	8.835564
Type 3-3_serv	BOBJ1	75	182.99	After	Interior Girder 4	12.78	0.95	1	1	8.835564
Type 3-3_serv	BOBJ1	75	182.99	After	Interior Girder 5	12.78	0.95	1	1	8.852157
Type 3-3_serv	BOBJ1	75	182.99	After	Interior Girder 6	12.78	0.95	1	1	9.430219
Type 3-3_serv	BOBJ1	75	182.99	After	Right Exterior Girder	12.78	0.95	1	1	9.788072
Type 3-3_serv	BOBJ1	76	189.38	Before	Left Exterior Girder	19.17	0.95	1	1	6.638571
Type 3-3_serv	BOBJ1	76	189.38	Before	Interior Girder 1	19.17	0.95	1	1	6.292163
Type 3-3_serv	BOBJ1	76	189.38	Before	Interior Girder 2	19.17	0.95	1	1	5.756112
Type 3-3_serv	BOBJ1	76	189.38	Before	Interior Girder 3	19.17	0.95	1	1	5.615813
Type 3-3_serv	BOBJ1	76	189.38	Before	Interior Girder 4	19.17	0.95	1	1	5.615813
Type 3-3_serv	BOBJ1	76	189.38	Before	Interior Girder 5	19.17	0.95	1	1	5.756112
Type 3-3_serv	BOBJ1	76	189.38	Before	Interior Girder 6	19.17	0.95	1	1	6.292163
Type 3-3_serv	BOBJ1	76	189.38	Before	Right Exterior Girder	19.17	0.95	1	1	6.638571
Type 3-3_serv	BOBJ1	77	189.38	After	Left Exterior Girder	19.17	0.95	1	1	6.752625
Type 3-3_serv	BOBJ1	77	189.38	After	Interior Girder 1	19.17	0.95	1	1	6.2158
Type 3-3_serv	BOBJ1	77	189.38	After	Interior Girder 2	19.17	0.95	1	1	5.750255
Type 3-3_serv	BOBJ1	77	189.38	After	Interior Girder 3	19.17	0.95	1	1	5.679644
Type 3-3_serv	BOBJ1	77	189.38	After	Interior Girder 4	19.17	0.95	1	1	5.679644
Type 3-3_serv	BOBJ1	77	189.38	After	Interior Girder 5	19.17	0.95	1	1	5.750255
Type 3-3_serv	BOBJ1	77	189.38	After	Interior Girder 6	19.17	0.95	1	1	6.2158
Type 3-3_serv	BOBJ1	77	189.38	After	Right Exterior Girder	19.17	0.95	1	1	6.752625
Type 3-3_serv	BOBJ1	78	195.77	Before	Left Exterior Girder	25.56	0.95	1	1	5.27806
Type 3-3_serv	BOBJ1	78	195.77	Before	Interior Girder 1	25.56	0.95	1	1	4.608028
Type 3-3_serv	BOBJ1	78	195.77	Before	Interior Girder 2	25.56	0.95	1	1	4.365838
Type 3-3_serv	BOBJ1	78	195.77	Before	Interior Girder 3	25.56	0.95	1	1	4.202233
Type 3-3_serv	BOBJ1	78	195.77	Before	Interior Girder 4	25.56	0.95	1	1	4.202233
Type 3-3_serv	BOBJ1	78	195.77	Before	Interior Girder 5	25.56	0.95	1	1	4.365838
Type 3-3_serv	BOBJ1	78	195.77	Before	Interior Girder 6	25.56	0.95	1	1	4.608028
Type 3-3_serv	BOBJ1	78	195.77	Before	Right Exterior Girder	25.56	0.95	1	1	5.27806
Type 3-3_serv	BOBJ1	79	195.77	After	Left Exterior Girder	25.56	0.95	1	1	5.370806
Type 3-3_serv	BOBJ1	79	195.77	After	Interior Girder 1	25.56	0.95	1	1	4.556381
Type 3-3_serv	BOBJ1	79	195.77	After	Interior Girder 2	25.56	0.95	1	1	4.348395
Type 3-3_serv	BOBJ1	79	195.77	After	Interior Girder 3	25.56	0.95	1	1	4.214863
Type 3-3_serv	BOBJ1	79	195.77	After	Interior Girder 4	25.56	0.95	1	1	4.214863
Type 3-3_serv	BOBJ1	79	195.77	After	Interior Girder 5	25.56	0.95	1	1	4.348395
Type 3-3_serv	BOBJ1	79	195.77	After	Interior Girder 6	25.56	0.95	1	1	4.556381
Type 3-3_serv	BOBJ1	79	195.77	After	Right Exterior Girder	25.56	0.95	1	1	5.370806
Type 3-3_serv	BOBJ1	80	202.16	Before	Left Exterior Girder	31.95	0.95	1	1	4.672839
Type 3-3_serv	BOBJ1	80	202.16	Before	Interior Girder 1	31.95	0.95	1	1	4.108248
Type 3-3_serv	BOBJ1	80	202.16	Before	Interior Girder 2	31.95	0.95	1	1	3.953481
Type 3-3_serv	BOBJ1	80	202.16	Before	Interior Girder 3	31.95	0.95	1	1	3.83831
Type 3-3_serv	BOBJ1	80	202.16	Before	Interior Girder 4	31.95	0.95	1	1	3.83831
Type 3-3_serv	BOBJ1	80	202.16	Before	Interior Girder 5	31.95	0.95	1	1	3.953481
Type 3-3_serv	BOBJ1	80	202.16	Before	Interior Girder 6	31.95	0.95	1	1	4.108248
Type 3-3_serv	BOBJ1	80	202.16	Before	Right Exterior Girder	31.95	0.95	1	1	4.672839
Type 3-3_serv	BOBJ1	81	202.16	After	Left Exterior Girder	31.95	0.95	1	1	4.630058

TABLE: Bridge Super Rating AASHTORATE18 31 - SteelICompServ-Flx - Approach, Span 16-19										
Request	BridgeObj	BridgeCut	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	Unitless	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Type 3-3_serv	BOBJ1	81	202.16	After	Interior Girder 1	31.95	0.95	1	1	4.125135
Type 3-3_serv	BOBJ1	81	202.16	After	Interior Girder 2	31.95	0.95	1	1	3.969882
Type 3-3_serv	BOBJ1	81	202.16	After	Interior Girder 3	31.95	0.95	1	1	3.848724
Type 3-3_serv	BOBJ1	81	202.16	After	Interior Girder 4	31.95	0.95	1	1	3.848724
Type 3-3_serv	BOBJ1	81	202.16	After	Interior Girder 5	31.95	0.95	1	1	3.969882
Type 3-3_serv	BOBJ1	81	202.16	After	Interior Girder 6	31.95	0.95	1	1	4.125135
Type 3-3_serv	BOBJ1	81	202.16	After	Right Exterior Girder	31.95	0.95	1	1	4.630058
Type 3-3_serv	BOBJ1	82	208.55	Before	Left Exterior Girder	38.34	0.95	1	1	4.521736
Type 3-3_serv	BOBJ1	82	208.55	Before	Interior Girder 1	38.34	0.95	1	1	4.291546
Type 3-3_serv	BOBJ1	82	208.55	Before	Interior Girder 2	38.34	0.95	1	1	4.122163
Type 3-3_serv	BOBJ1	82	208.55	Before	Interior Girder 3	38.34	0.95	1	1	4.066012
Type 3-3_serv	BOBJ1	82	208.55	Before	Interior Girder 4	38.34	0.95	1	1	4.066012
Type 3-3_serv	BOBJ1	82	208.55	Before	Interior Girder 5	38.34	0.95	1	1	4.122163
Type 3-3_serv	BOBJ1	82	208.55	Before	Interior Girder 6	38.34	0.95	1	1	4.291546
Type 3-3_serv	BOBJ1	82	208.55	Before	Right Exterior Girder	38.34	0.95	1	1	4.521736
Type 3-3_serv	BOBJ1	83	208.55	After	Left Exterior Girder	38.34	0.95	1	1	4.473794
Type 3-3_serv	BOBJ1	83	208.55	After	Interior Girder 1	38.34	0.95	1	1	4.321315
Type 3-3_serv	BOBJ1	83	208.55	After	Interior Girder 2	38.34	0.95	1	1	4.121066
Type 3-3_serv	BOBJ1	83	208.55	After	Interior Girder 3	38.34	0.95	1	1	4.048736
Type 3-3_serv	BOBJ1	83	208.55	After	Interior Girder 4	38.34	0.95	1	1	4.048736
Type 3-3_serv	BOBJ1	83	208.55	After	Interior Girder 5	38.34	0.95	1	1	4.121066
Type 3-3_serv	BOBJ1	83	208.55	After	Interior Girder 6	38.34	0.95	1	1	4.321315
Type 3-3_serv	BOBJ1	83	208.55	After	Right Exterior Girder	38.34	0.95	1	1	4.473794
Type 3-3_serv	BOBJ1	84	215.1233	Before	Left Exterior Girder	44.9133	0.95	1	1	6.054361
Type 3-3_serv	BOBJ1	84	215.1233	Before	Interior Girder 1	44.9133	0.95	1	1	4.7981
Type 3-3_serv	BOBJ1	84	215.1233	Before	Interior Girder 2	44.9133	0.95	1	1	4.631622
Type 3-3_serv	BOBJ1	84	215.1233	Before	Interior Girder 3	44.9133	0.95	1	1	4.476925
Type 3-3_serv	BOBJ1	84	215.1233	Before	Interior Girder 4	44.9133	0.95	1	1	4.476925
Type 3-3_serv	BOBJ1	84	215.1233	Before	Interior Girder 5	44.9133	0.95	1	1	4.631622
Type 3-3_serv	BOBJ1	84	215.1233	Before	Interior Girder 6	44.9133	0.95	1	1	4.7981
Type 3-3_serv	BOBJ1	84	215.1233	Before	Right Exterior Girder	44.9133	0.95	1	1	6.054361
Type 3-3_serv	BOBJ1	85	215.1233	After	Left Exterior Girder	44.9133	0.95	1	1	6.003274
Type 3-3_serv	BOBJ1	85	215.1233	After	Interior Girder 1	44.9133	0.95	1	1	4.820093
Type 3-3_serv	BOBJ1	85	215.1233	After	Interior Girder 2	44.9133	0.95	1	1	4.565111
Type 3-3_serv	BOBJ1	85	215.1233	After	Interior Girder 3	44.9133	0.95	1	1	4.382526
Type 3-3_serv	BOBJ1	85	215.1233	After	Interior Girder 4	44.9133	0.95	1	1	4.382526
Type 3-3_serv	BOBJ1	85	215.1233	After	Interior Girder 5	44.9133	0.95	1	1	4.565111
Type 3-3_serv	BOBJ1	85	215.1233	After	Interior Girder 6	44.9133	0.95	1	1	4.820093
Type 3-3_serv	BOBJ1	85	215.1233	After	Right Exterior Girder	44.9133	0.95	1	1	6.003274
Type 3-3_serv	BOBJ1	86	221.6967	Before	Left Exterior Girder	51.4867	0.95	1	1	11.456313
Type 3-3_serv	BOBJ1	86	221.6967	Before	Interior Girder 1	51.4867	0.95	1	1	7.600623
Type 3-3_serv	BOBJ1	86	221.6967	Before	Interior Girder 2	51.4867	0.95	1	1	7.338764
Type 3-3_serv	BOBJ1	86	221.6967	Before	Interior Girder 3	51.4867	0.95	1	1	6.773762
Type 3-3_serv	BOBJ1	86	221.6967	Before	Interior Girder 4	51.4867	0.95	1	1	6.773762
Type 3-3_serv	BOBJ1	86	221.6967	Before	Interior Girder 5	51.4867	0.95	1	1	7.338764
Type 3-3_serv	BOBJ1	86	221.6967	Before	Interior Girder 6	51.4867	0.95	1	1	7.600623
Type 3-3_serv	BOBJ1	86	221.6967	Before	Right Exterior Girder	51.4867	0.95	1	1	11.456313
Type 3-3_serv	BOBJ1	87	221.6967	After	Left Exterior Girder	51.4867	0.95	1	1	11.27066
Type 3-3_serv	BOBJ1	87	221.6967	After	Interior Girder 1	51.4867	0.95	1	1	7.679252
Type 3-3_serv	BOBJ1	87	221.6967	After	Interior Girder 2	51.4867	0.95	1	1	7.226336
Type 3-3_serv	BOBJ1	87	221.6967	After	Interior Girder 3	51.4867	0.95	1	1	6.510022
Type 3-3_serv	BOBJ1	87	221.6967	After	Interior Girder 4	51.4867	0.95	1	1	6.510022
Type 3-3_serv	BOBJ1	87	221.6967	After	Interior Girder 5	51.4867	0.95	1	1	7.226336
Type 3-3_serv	BOBJ1	87	221.6967	After	Interior Girder 6	51.4867	0.95	1	1	7.679252
Type 3-3_serv	BOBJ1	87	221.6967	After	Right Exterior Girder	51.4867	0.95	1	1	11.27066
Type 3-3_serv	BOBJ1	88	228.27	Before	Left Exterior Girder	58.06	0.95	1	1	572.892378
Type 3-3_serv	BOBJ1	88	228.27	Before	Interior Girder 1	58.06	0.95	1	1	616.674584
Type 3-3_serv	BOBJ1	88	228.27	Before	Interior Girder 2	58.06	0.95	1	1	329.379137
Type 3-3_serv	BOBJ1	88	228.27	Before	Interior Girder 3	58.06	0.95	1	1	235.886397
Type 3-3_serv	BOBJ1	88	228.27	Before	Interior Girder 4	58.06	0.95	1	1	235.886396
Type 3-3_serv	BOBJ1	88	228.27	Before	Interior Girder 5	58.06	0.95	1	1	329.379136
Type 3-3_serv	BOBJ1	88	228.27	Before	Interior Girder 6	58.06	0.95	1	1	616.674583
Type 3-3_serv	BOBJ1	88	228.27	Before	Right Exterior Girder	58.06	0.95	1	1	572.892377
EV2_serv	BOBJ1	1	0	After	Left Exterior Girder	0	0.95	1	1	717.005543
EV2_serv	BOBJ1	1	0	After	Interior Girder 1	0	0.95	1	1	503.208554
EV2_serv	BOBJ1	1	0	After	Interior Girder 2	0	0.95	1	1	275.285386
EV2_serv	BOBJ1	1	0	After	Interior Girder 3	0	0.95	1	1	220.799855
EV2_serv	BOBJ1	1	0	After	Interior Girder 4	0	0.95	1	1	220.799855
EV2_serv	BOBJ1	1	0	After	Interior Girder 5	0	0.95	1	1	275.285389
EV2_serv	BOBJ1	1	0	After	Interior Girder 6	0	0.95	1	1	503.208554
EV2_serv	BOBJ1	1	0	After	Right Exterior Girder	0	0.95	1	1	717.005543
EV2_serv	BOBJ1	2	5.3833	Before	Left Exterior Girder	5.3833	0.95	1	1	10.19101
EV2_serv	BOBJ1	2	5.3833	Before	Interior Girder 1	5.3833	0.95	1	1	6.364349

TABLE: Bridge Super Rating AASHTORATE18 31 - SteelICompServ-Flx - Approach, Span 16-19										
Request	BridgeObj	BridgeCut	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	Unitless	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
EV2_serv	BOBJ1	2	5.3833	Before	Interior Girder 2	5.3833	0.95	1	1	5.954624
EV2_serv	BOBJ1	2	5.3833	Before	Interior Girder 3	5.3833	0.95	1	1	5.081617
EV2_serv	BOBJ1	2	5.3833	Before	Interior Girder 4	5.3833	0.95	1	1	5.081617
EV2_serv	BOBJ1	2	5.3833	Before	Interior Girder 5	5.3833	0.95	1	1	5.954624
EV2_serv	BOBJ1	2	5.3833	Before	Interior Girder 6	5.3833	0.95	1	1	6.364349
EV2_serv	BOBJ1	2	5.3833	Before	Right Exterior Girder	5.3833	0.95	1	1	10.19101
EV2_serv	BOBJ1	3	5.3833	After	Left Exterior Girder	5.3833	0.95	1	1	10.287092
EV2_serv	BOBJ1	3	5.3833	After	Interior Girder 1	5.3833	0.95	1	1	6.382878
EV2_serv	BOBJ1	3	5.3833	After	Interior Girder 2	5.3833	0.95	1	1	6.06534
EV2_serv	BOBJ1	3	5.3833	After	Interior Girder 3	5.3833	0.95	1	1	5.234122
EV2_serv	BOBJ1	3	5.3833	After	Interior Girder 4	5.3833	0.95	1	1	5.234122
EV2_serv	BOBJ1	3	5.3833	After	Interior Girder 5	5.3833	0.95	1	1	6.06534
EV2_serv	BOBJ1	3	5.3833	After	Interior Girder 6	5.3833	0.95	1	1	6.382878
EV2_serv	BOBJ1	3	5.3833	After	Right Exterior Girder	5.3833	0.95	1	1	10.287092
EV2_serv	BOBJ1	4	10.7667	Before	Left Exterior Girder	10.7667	0.95	1	1	5.568591
EV2_serv	BOBJ1	4	10.7667	Before	Interior Girder 1	10.7667	0.95	1	1	4.105883
EV2_serv	BOBJ1	4	10.7667	Before	Interior Girder 2	10.7667	0.95	1	1	3.835298
EV2_serv	BOBJ1	4	10.7667	Before	Interior Girder 3	10.7667	0.95	1	1	3.571788
EV2_serv	BOBJ1	4	10.7667	Before	Interior Girder 4	10.7667	0.95	1	1	3.571788
EV2_serv	BOBJ1	4	10.7667	Before	Interior Girder 5	10.7667	0.95	1	1	3.835298
EV2_serv	BOBJ1	4	10.7667	Before	Interior Girder 6	10.7667	0.95	1	1	4.105883
EV2_serv	BOBJ1	4	10.7667	Before	Right Exterior Girder	10.7667	0.95	1	1	5.568591
EV2_serv	BOBJ1	5	10.7667	After	Left Exterior Girder	10.7667	0.95	1	1	5.569078
EV2_serv	BOBJ1	5	10.7667	After	Interior Girder 1	10.7667	0.95	1	1	4.117836
EV2_serv	BOBJ1	5	10.7667	After	Interior Girder 2	10.7667	0.95	1	1	3.889267
EV2_serv	BOBJ1	5	10.7667	After	Interior Girder 3	10.7667	0.95	1	1	3.64706
EV2_serv	BOBJ1	5	10.7667	After	Interior Girder 4	10.7667	0.95	1	1	3.64706
EV2_serv	BOBJ1	5	10.7667	After	Interior Girder 5	10.7667	0.95	1	1	3.889267
EV2_serv	BOBJ1	5	10.7667	After	Interior Girder 6	10.7667	0.95	1	1	4.117836
EV2_serv	BOBJ1	5	10.7667	After	Right Exterior Girder	10.7667	0.95	1	1	5.569078
EV2_serv	BOBJ1	6	16.15	Before	Left Exterior Girder	16.15	0.95	1	1	4.343927
EV2_serv	BOBJ1	6	16.15	Before	Interior Girder 1	16.15	0.95	1	1	3.812876
EV2_serv	BOBJ1	6	16.15	Before	Interior Girder 2	16.15	0.95	1	1	3.548789
EV2_serv	BOBJ1	6	16.15	Before	Interior Girder 3	16.15	0.95	1	1	3.420927
EV2_serv	BOBJ1	6	16.15	Before	Interior Girder 4	16.15	0.95	1	1	3.420927
EV2_serv	BOBJ1	6	16.15	Before	Interior Girder 5	16.15	0.95	1	1	3.548789
EV2_serv	BOBJ1	6	16.15	Before	Interior Girder 6	16.15	0.95	1	1	3.812876
EV2_serv	BOBJ1	6	16.15	Before	Right Exterior Girder	16.15	0.95	1	1	4.343927
EV2_serv	BOBJ1	7	16.15	After	Left Exterior Girder	16.15	0.95	1	1	4.357253
EV2_serv	BOBJ1	7	16.15	After	Interior Girder 1	16.15	0.95	1	1	3.803249
EV2_serv	BOBJ1	7	16.15	After	Interior Girder 2	16.15	0.95	1	1	3.554661
EV2_serv	BOBJ1	7	16.15	After	Interior Girder 3	16.15	0.95	1	1	3.428533
EV2_serv	BOBJ1	7	16.15	After	Interior Girder 4	16.15	0.95	1	1	3.428533
EV2_serv	BOBJ1	7	16.15	After	Interior Girder 5	16.15	0.95	1	1	3.554661
EV2_serv	BOBJ1	7	16.15	After	Interior Girder 6	16.15	0.95	1	1	3.803249
EV2_serv	BOBJ1	7	16.15	After	Right Exterior Girder	16.15	0.95	1	1	4.357253
EV2_serv	BOBJ1	8	22.1267	Before	Left Exterior Girder	22.1267	0.95	1	1	4.899565
EV2_serv	BOBJ1	8	22.1267	Before	Interior Girder 1	22.1267	0.95	1	1	3.77395
EV2_serv	BOBJ1	8	22.1267	Before	Interior Girder 2	22.1267	0.95	1	1	3.541888
EV2_serv	BOBJ1	8	22.1267	Before	Interior Girder 3	22.1267	0.95	1	1	3.342252
EV2_serv	BOBJ1	8	22.1267	Before	Interior Girder 4	22.1267	0.95	1	1	3.342252
EV2_serv	BOBJ1	8	22.1267	Before	Interior Girder 5	22.1267	0.95	1	1	3.541888
EV2_serv	BOBJ1	8	22.1267	Before	Interior Girder 6	22.1267	0.95	1	1	3.77395
EV2_serv	BOBJ1	8	22.1267	Before	Right Exterior Girder	22.1267	0.95	1	1	4.899565
EV2_serv	BOBJ1	9	22.1267	After	Left Exterior Girder	22.1267	0.95	1	1	4.940271
EV2_serv	BOBJ1	9	22.1267	After	Interior Girder 1	22.1267	0.95	1	1	3.768065
EV2_serv	BOBJ1	9	22.1267	After	Interior Girder 2	22.1267	0.95	1	1	3.534094
EV2_serv	BOBJ1	9	22.1267	After	Interior Girder 3	22.1267	0.95	1	1	3.325193
EV2_serv	BOBJ1	9	22.1267	After	Interior Girder 4	22.1267	0.95	1	1	3.325193
EV2_serv	BOBJ1	9	22.1267	After	Interior Girder 5	22.1267	0.95	1	1	3.534094
EV2_serv	BOBJ1	9	22.1267	After	Interior Girder 6	22.1267	0.95	1	1	3.768065
EV2_serv	BOBJ1	9	22.1267	After	Right Exterior Girder	22.1267	0.95	1	1	4.940271
EV2_serv	BOBJ1	10	28.1033	Before	Left Exterior Girder	28.1033	0.95	1	1	5.928324
EV2_serv	BOBJ1	10	28.1033	Before	Interior Girder 1	28.1033	0.95	1	1	4.282797
EV2_serv	BOBJ1	10	28.1033	Before	Interior Girder 2	28.1033	0.95	1	1	4.041581
EV2_serv	BOBJ1	10	28.1033	Before	Interior Girder 3	28.1033	0.95	1	1	3.852197
EV2_serv	BOBJ1	10	28.1033	Before	Interior Girder 4	28.1033	0.95	1	1	3.852197
EV2_serv	BOBJ1	10	28.1033	Before	Interior Girder 5	28.1033	0.95	1	1	4.041581
EV2_serv	BOBJ1	10	28.1033	Before	Interior Girder 6	28.1033	0.95	1	1	4.282797
EV2_serv	BOBJ1	10	28.1033	Before	Right Exterior Girder	28.1033	0.95	1	1	5.928324
EV2_serv	BOBJ1	11	28.1033	After	Left Exterior Girder	28.1033	0.95	1	1	5.868017
EV2_serv	BOBJ1	11	28.1033	After	Interior Girder 1	28.1033	0.95	1	1	4.313262
EV2_serv	BOBJ1	11	28.1033	After	Interior Girder 2	28.1033	0.95	1	1	4.03887

TABLE: Bridge Super Rating AASHTORATE18 31 - SteelICompServ-Flx - Approach, Span 16-19										
Request	BridgeObj	BridgeCut	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	Unitless	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
EV2_serv	BOBJ1	11	28.1033	After	Interior Girder 3	28.1033	0.95	1	1	3.82112
EV2_serv	BOBJ1	11	28.1033	After	Interior Girder 4	28.1033	0.95	1	1	3.82112
EV2_serv	BOBJ1	11	28.1033	After	Interior Girder 5	28.1033	0.95	1	1	4.03887
EV2_serv	BOBJ1	11	28.1033	After	Interior Girder 6	28.1033	0.95	1	1	4.313262
EV2_serv	BOBJ1	11	28.1033	After	Right Exterior Girder	28.1033	0.95	1	1	5.868017
EV2_serv	BOBJ1	12	34.08	Before	Left Exterior Girder	34.08	0.95	1	1	4.939933
EV2_serv	BOBJ1	12	34.08	Before	Interior Girder 1	34.08	0.95	1	1	5.014066
EV2_serv	BOBJ1	12	34.08	Before	Interior Girder 2	34.08	0.95	1	1	5.018693
EV2_serv	BOBJ1	12	34.08	Before	Interior Girder 3	34.08	0.95	1	1	5.18816
EV2_serv	BOBJ1	12	34.08	Before	Interior Girder 4	34.08	0.95	1	1	5.18816
EV2_serv	BOBJ1	12	34.08	Before	Interior Girder 5	34.08	0.95	1	1	5.018693
EV2_serv	BOBJ1	12	34.08	Before	Interior Girder 6	34.08	0.95	1	1	5.014066
EV2_serv	BOBJ1	12	34.08	Before	Right Exterior Girder	34.08	0.95	1	1	4.939933
EV2_serv	BOBJ1	13	34.08	After	Left Exterior Girder	34.08	0.95	1	1	4.985211
EV2_serv	BOBJ1	13	34.08	After	Interior Girder 1	34.08	0.95	1	1	4.967174
EV2_serv	BOBJ1	13	34.08	After	Interior Girder 2	34.08	0.95	1	1	4.983756
EV2_serv	BOBJ1	13	34.08	After	Interior Girder 3	34.08	0.95	1	1	5.188546
EV2_serv	BOBJ1	13	34.08	After	Interior Girder 4	34.08	0.95	1	1	5.188546
EV2_serv	BOBJ1	13	34.08	After	Interior Girder 5	34.08	0.95	1	1	4.983756
EV2_serv	BOBJ1	13	34.08	After	Interior Girder 6	34.08	0.95	1	1	4.967174
EV2_serv	BOBJ1	13	34.08	After	Right Exterior Girder	34.08	0.95	1	1	4.985211
EV2_serv	BOBJ1	14	39.855	Before	Left Exterior Girder	39.855	0.95	1	1	3.3721
EV2_serv	BOBJ1	14	39.855	Before	Interior Girder 1	39.855	0.95	1	1	3.795335
EV2_serv	BOBJ1	14	39.855	Before	Interior Girder 2	39.855	0.95	1	1	3.740479
EV2_serv	BOBJ1	14	39.855	Before	Interior Girder 3	39.855	0.95	1	1	3.587442
EV2_serv	BOBJ1	14	39.855	Before	Interior Girder 4	39.855	0.95	1	1	3.587442
EV2_serv	BOBJ1	14	39.855	Before	Interior Girder 5	39.855	0.95	1	1	3.740479
EV2_serv	BOBJ1	14	39.855	Before	Interior Girder 6	39.855	0.95	1	1	3.795335
EV2_serv	BOBJ1	14	39.855	Before	Right Exterior Girder	39.855	0.95	1	1	3.3721
EV2_serv	BOBJ1	15	39.855	After	Left Exterior Girder	39.855	0.95	1	1	3.431369
EV2_serv	BOBJ1	15	39.855	After	Interior Girder 1	39.855	0.95	1	1	3.74285
EV2_serv	BOBJ1	15	39.855	After	Interior Girder 2	39.855	0.95	1	1	3.691717
EV2_serv	BOBJ1	15	39.855	After	Interior Girder 3	39.855	0.95	1	1	3.566592
EV2_serv	BOBJ1	15	39.855	After	Interior Girder 4	39.855	0.95	1	1	3.566592
EV2_serv	BOBJ1	15	39.855	After	Interior Girder 5	39.855	0.95	1	1	3.691717
EV2_serv	BOBJ1	15	39.855	After	Interior Girder 6	39.855	0.95	1	1	3.74285
EV2_serv	BOBJ1	15	39.855	After	Right Exterior Girder	39.855	0.95	1	1	3.431369
EV2_serv	BOBJ1	16	40.0288	Before	Left Exterior Girder	40.0288	0.95	1	1	3.370439
EV2_serv	BOBJ1	16	40.0288	Before	Right Exterior Girder	40.0288	0.95	1	1	3.370439
EV2_serv	BOBJ1	17	40.0288	After	Left Exterior Girder	40.0288	0.95	1	1	4.841261
EV2_serv	BOBJ1	17	40.0288	After	Right Exterior Girder	40.0288	0.95	1	1	4.841261
EV2_serv	BOBJ1	18	45.63	Before	Left Exterior Girder	45.63	0.95	1	1	3.307887
EV2_serv	BOBJ1	18	45.63	Before	Interior Girder 1	45.63	0.95	1	1	2.742193
EV2_serv	BOBJ1	18	45.63	Before	Interior Girder 2	45.63	0.95	1	1	2.695579
EV2_serv	BOBJ1	18	45.63	Before	Interior Girder 3	45.63	0.95	1	1	2.342285
EV2_serv	BOBJ1	18	45.63	Before	Interior Girder 4	45.63	0.95	1	1	2.342285
EV2_serv	BOBJ1	18	45.63	Before	Interior Girder 5	45.63	0.95	1	1	2.695579
EV2_serv	BOBJ1	18	45.63	Before	Interior Girder 6	45.63	0.95	1	1	2.742193
EV2_serv	BOBJ1	18	45.63	Before	Right Exterior Girder	45.63	0.95	1	1	3.307887
EV2_serv	BOBJ1	19	45.63	After	Left Exterior Girder	0	0.95	1	1	3.279566
EV2_serv	BOBJ1	19	45.63	After	Interior Girder 1	0	0.95	1	1	2.476221
EV2_serv	BOBJ1	19	45.63	After	Interior Girder 2	0	0.95	1	1	2.405423
EV2_serv	BOBJ1	19	45.63	After	Interior Girder 3	0	0.95	1	1	2.03556
EV2_serv	BOBJ1	19	45.63	After	Interior Girder 4	0	0.95	1	1	2.03556
EV2_serv	BOBJ1	19	45.63	After	Interior Girder 5	0	0.95	1	1	2.405423
EV2_serv	BOBJ1	19	45.63	After	Interior Girder 6	0	0.95	1	1	2.476221
EV2_serv	BOBJ1	19	45.63	After	Right Exterior Girder	0	0.95	1	1	3.279566
EV2_serv	BOBJ1	20	50.6298	Before	Left Exterior Girder	4.9998	0.95	1	1	8.284996
EV2_serv	BOBJ1	20	50.6298	Before	Right Exterior Girder	4.9998	0.95	1	1	8.284996
EV2_serv	BOBJ1	21	50.6298	After	Left Exterior Girder	4.9998	0.95	1	1	5.497842
EV2_serv	BOBJ1	21	50.6298	After	Right Exterior Girder	4.9998	0.95	1	1	5.497842
EV2_serv	BOBJ1	22	51.4	Before	Left Exterior Girder	5.77	0.95	1	1	6.354788
EV2_serv	BOBJ1	22	51.4	Before	Interior Girder 1	5.77	0.95	1	1	6.331494
EV2_serv	BOBJ1	22	51.4	Before	Interior Girder 2	5.77	0.95	1	1	5.855211
EV2_serv	BOBJ1	22	51.4	Before	Interior Girder 3	5.77	0.95	1	1	5.406751
EV2_serv	BOBJ1	22	51.4	Before	Interior Girder 4	5.77	0.95	1	1	5.406751
EV2_serv	BOBJ1	22	51.4	Before	Interior Girder 5	5.77	0.95	1	1	5.855211
EV2_serv	BOBJ1	22	51.4	Before	Interior Girder 6	5.77	0.95	1	1	6.331494
EV2_serv	BOBJ1	22	51.4	Before	Right Exterior Girder	5.77	0.95	1	1	6.354788
EV2_serv	BOBJ1	23	51.4	After	Left Exterior Girder	5.77	0.95	1	1	6.241715
EV2_serv	BOBJ1	23	51.4	After	Interior Girder 1	5.77	0.95	1	1	6.434047
EV2_serv	BOBJ1	23	51.4	After	Interior Girder 2	5.77	0.95	1	1	5.844862
EV2_serv	BOBJ1	23	51.4	After	Interior Girder 3	5.77	0.95	1	1	5.377417

TABLE: Bridge Super Rating AASHTORATE18 31 - SteelICompServ-Flx - Approach, Span 16-19										
Request	BridgeObj	BridgeCut	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	Unitless	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
EV2_serv	BOBJ1	23	51.4	After	Interior Girder 4	5.77	0.95	1	1	5.377417
EV2_serv	BOBJ1	23	51.4	After	Interior Girder 5	5.77	0.95	1	1	5.844862
EV2_serv	BOBJ1	23	51.4	After	Interior Girder 6	5.77	0.95	1	1	6.434047
EV2_serv	BOBJ1	23	51.4	After	Right Exterior Girder	5.77	0.95	1	1	6.241715
EV2_serv	BOBJ1	24	57.17	Before	Left Exterior Girder	11.54	0.95	1	1	9.105878
EV2_serv	BOBJ1	24	57.17	Before	Interior Girder 1	11.54	0.95	1	1	8.184392
EV2_serv	BOBJ1	24	57.17	Before	Interior Girder 2	11.54	0.95	1	1	7.057107
EV2_serv	BOBJ1	24	57.17	Before	Interior Girder 3	11.54	0.95	1	1	6.699617
EV2_serv	BOBJ1	24	57.17	Before	Interior Girder 4	11.54	0.95	1	1	6.699617
EV2_serv	BOBJ1	24	57.17	Before	Interior Girder 5	11.54	0.95	1	1	7.057107
EV2_serv	BOBJ1	24	57.17	Before	Interior Girder 6	11.54	0.95	1	1	8.184392
EV2_serv	BOBJ1	24	57.17	Before	Right Exterior Girder	11.54	0.95	1	1	9.105878
EV2_serv	BOBJ1	25	57.17	After	Left Exterior Girder	11.54	0.95	1	1	9.037143
EV2_serv	BOBJ1	25	57.17	After	Interior Girder 1	11.54	0.95	1	1	8.080607
EV2_serv	BOBJ1	25	57.17	After	Interior Girder 2	11.54	0.95	1	1	7.027176
EV2_serv	BOBJ1	25	57.17	After	Interior Girder 3	11.54	0.95	1	1	6.793691
EV2_serv	BOBJ1	25	57.17	After	Interior Girder 4	11.54	0.95	1	1	6.793691
EV2_serv	BOBJ1	25	57.17	After	Interior Girder 5	11.54	0.95	1	1	7.027176
EV2_serv	BOBJ1	25	57.17	After	Interior Girder 6	11.54	0.95	1	1	8.080607
EV2_serv	BOBJ1	25	57.17	After	Right Exterior Girder	11.54	0.95	1	1	9.037143
EV2_serv	BOBJ1	26	63.34	Before	Left Exterior Girder	17.71	0.95	1	1	5.727287
EV2_serv	BOBJ1	26	63.34	Before	Interior Girder 1	17.71	0.95	1	1	4.259453
EV2_serv	BOBJ1	26	63.34	Before	Interior Girder 2	17.71	0.95	1	1	3.990235
EV2_serv	BOBJ1	26	63.34	Before	Interior Girder 3	17.71	0.95	1	1	3.779892
EV2_serv	BOBJ1	26	63.34	Before	Interior Girder 4	17.71	0.95	1	1	3.779892
EV2_serv	BOBJ1	26	63.34	Before	Interior Girder 5	17.71	0.95	1	1	3.990235
EV2_serv	BOBJ1	26	63.34	Before	Interior Girder 6	17.71	0.95	1	1	4.259453
EV2_serv	BOBJ1	26	63.34	Before	Right Exterior Girder	17.71	0.95	1	1	5.727287
EV2_serv	BOBJ1	27	63.34	After	Left Exterior Girder	17.71	0.95	1	1	5.886774
EV2_serv	BOBJ1	27	63.34	After	Interior Girder 1	17.71	0.95	1	1	4.19967
EV2_serv	BOBJ1	27	63.34	After	Interior Girder 2	17.71	0.95	1	1	3.979679
EV2_serv	BOBJ1	27	63.34	After	Interior Girder 3	17.71	0.95	1	1	3.832005
EV2_serv	BOBJ1	27	63.34	After	Interior Girder 4	17.71	0.95	1	1	3.832005
EV2_serv	BOBJ1	27	63.34	After	Interior Girder 5	17.71	0.95	1	1	3.979679
EV2_serv	BOBJ1	27	63.34	After	Interior Girder 6	17.71	0.95	1	1	4.19967
EV2_serv	BOBJ1	27	63.34	After	Right Exterior Girder	17.71	0.95	1	1	5.886774
EV2_serv	BOBJ1	28	69.51	Before	Left Exterior Girder	23.88	0.95	1	1	3.816422
EV2_serv	BOBJ1	28	69.51	Before	Interior Girder 1	23.88	0.95	1	1	3.1514
EV2_serv	BOBJ1	28	69.51	Before	Interior Girder 2	23.88	0.95	1	1	3.03156
EV2_serv	BOBJ1	28	69.51	Before	Interior Girder 3	23.88	0.95	1	1	2.945038
EV2_serv	BOBJ1	28	69.51	Before	Interior Girder 4	23.88	0.95	1	1	2.945038
EV2_serv	BOBJ1	28	69.51	Before	Interior Girder 5	23.88	0.95	1	1	3.03156
EV2_serv	BOBJ1	28	69.51	Before	Interior Girder 6	23.88	0.95	1	1	3.1514
EV2_serv	BOBJ1	28	69.51	Before	Right Exterior Girder	23.88	0.95	1	1	3.816422
EV2_serv	BOBJ1	29	69.51	After	Left Exterior Girder	23.88	0.95	1	1	3.836756
EV2_serv	BOBJ1	29	69.51	After	Interior Girder 1	23.88	0.95	1	1	3.153929
EV2_serv	BOBJ1	29	69.51	After	Interior Girder 2	23.88	0.95	1	1	3.048835
EV2_serv	BOBJ1	29	69.51	After	Interior Girder 3	23.88	0.95	1	1	2.974172
EV2_serv	BOBJ1	29	69.51	After	Interior Girder 4	23.88	0.95	1	1	2.974172
EV2_serv	BOBJ1	29	69.51	After	Interior Girder 5	23.88	0.95	1	1	3.048835
EV2_serv	BOBJ1	29	69.51	After	Interior Girder 6	23.88	0.95	1	1	3.153929
EV2_serv	BOBJ1	29	69.51	After	Right Exterior Girder	23.88	0.95	1	1	3.836756
EV2_serv	BOBJ1	30	75.68	Before	Left Exterior Girder	30.05	0.95	1	1	3.004741
EV2_serv	BOBJ1	30	75.68	Before	Interior Girder 1	30.05	0.95	1	1	2.919229
EV2_serv	BOBJ1	30	75.68	Before	Interior Girder 2	30.05	0.95	1	1	2.844527
EV2_serv	BOBJ1	30	75.68	Before	Interior Girder 3	30.05	0.95	1	1	2.827279
EV2_serv	BOBJ1	30	75.68	Before	Interior Girder 4	30.05	0.95	1	1	2.827279
EV2_serv	BOBJ1	30	75.68	Before	Interior Girder 5	30.05	0.95	1	1	2.844527
EV2_serv	BOBJ1	30	75.68	Before	Interior Girder 6	30.05	0.95	1	1	2.919229
EV2_serv	BOBJ1	30	75.68	Before	Right Exterior Girder	30.05	0.95	1	1	3.004741
EV2_serv	BOBJ1	31	75.68	After	Left Exterior Girder	30.05	0.95	1	1	3.020615
EV2_serv	BOBJ1	31	75.68	After	Interior Girder 1	30.05	0.95	1	1	2.915318
EV2_serv	BOBJ1	31	75.68	After	Interior Girder 2	30.05	0.95	1	1	2.839174
EV2_serv	BOBJ1	31	75.68	After	Interior Girder 3	30.05	0.95	1	1	2.832522
EV2_serv	BOBJ1	31	75.68	After	Interior Girder 4	30.05	0.95	1	1	2.832522
EV2_serv	BOBJ1	31	75.68	After	Interior Girder 5	30.05	0.95	1	1	2.839174
EV2_serv	BOBJ1	31	75.68	After	Interior Girder 6	30.05	0.95	1	1	2.915318
EV2_serv	BOBJ1	31	75.68	After	Right Exterior Girder	30.05	0.95	1	1	3.020615
EV2_serv	BOBJ1	32	81.8467	Before	Left Exterior Girder	36.2167	0.95	1	1	3.142525
EV2_serv	BOBJ1	32	81.8467	Before	Interior Girder 1	36.2167	0.95	1	1	2.731848
EV2_serv	BOBJ1	32	81.8467	Before	Interior Girder 2	36.2167	0.95	1	1	2.673387
EV2_serv	BOBJ1	32	81.8467	Before	Interior Girder 3	36.2167	0.95	1	1	2.605781
EV2_serv	BOBJ1	32	81.8467	Before	Interior Girder 4	36.2167	0.95	1	1	2.605781

TABLE: Bridge Super Rating AASHTORATE18 31 - SteelICompServ-Flx - Approach, Span 16-19										
Request	BridgeObj	BridgeCut	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	Unitless	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
EV2_serv	BOBJ1	32	81.8467	Before	Interior Girder 5	36.2167	0.95	1	1	2.673387
EV2_serv	BOBJ1	32	81.8467	Before	Interior Girder 6	36.2167	0.95	1	1	2.731848
EV2_serv	BOBJ1	32	81.8467	Before	Right Exterior Girder	36.2167	0.95	1	1	3.142525
EV2_serv	BOBJ1	33	81.8467	After	Left Exterior Girder	36.2167	0.95	1	1	3.150863
EV2_serv	BOBJ1	33	81.8467	After	Interior Girder 1	36.2167	0.95	1	1	2.716098
EV2_serv	BOBJ1	33	81.8467	After	Interior Girder 2	36.2167	0.95	1	1	2.660396
EV2_serv	BOBJ1	33	81.8467	After	Interior Girder 3	36.2167	0.95	1	1	2.587778
EV2_serv	BOBJ1	33	81.8467	After	Interior Girder 4	36.2167	0.95	1	1	2.587778
EV2_serv	BOBJ1	33	81.8467	After	Interior Girder 5	36.2167	0.95	1	1	2.660396
EV2_serv	BOBJ1	33	81.8467	After	Interior Girder 6	36.2167	0.95	1	1	2.716098
EV2_serv	BOBJ1	33	81.8467	After	Right Exterior Girder	36.2167	0.95	1	1	3.150863
EV2_serv	BOBJ1	34	88.0133	Before	Left Exterior Girder	42.3833	0.95	1	1	3.677874
EV2_serv	BOBJ1	34	88.0133	Before	Interior Girder 1	42.3833	0.95	1	1	3.005183
EV2_serv	BOBJ1	34	88.0133	Before	Interior Girder 2	42.3833	0.95	1	1	2.929756
EV2_serv	BOBJ1	34	88.0133	Before	Interior Girder 3	42.3833	0.95	1	1	2.852521
EV2_serv	BOBJ1	34	88.0133	Before	Interior Girder 4	42.3833	0.95	1	1	2.852521
EV2_serv	BOBJ1	34	88.0133	Before	Interior Girder 5	42.3833	0.95	1	1	2.929756
EV2_serv	BOBJ1	34	88.0133	Before	Interior Girder 6	42.3833	0.95	1	1	3.005183
EV2_serv	BOBJ1	34	88.0133	Before	Right Exterior Girder	42.3833	0.95	1	1	3.677874
EV2_serv	BOBJ1	35	88.0133	After	Left Exterior Girder	42.3833	0.95	1	1	3.612633
EV2_serv	BOBJ1	35	88.0133	After	Interior Girder 1	42.3833	0.95	1	1	3.034956
EV2_serv	BOBJ1	35	88.0133	After	Interior Girder 2	42.3833	0.95	1	1	2.942461
EV2_serv	BOBJ1	35	88.0133	After	Interior Girder 3	42.3833	0.95	1	1	2.835755
EV2_serv	BOBJ1	35	88.0133	After	Interior Girder 4	42.3833	0.95	1	1	2.835755
EV2_serv	BOBJ1	35	88.0133	After	Interior Girder 5	42.3833	0.95	1	1	2.942461
EV2_serv	BOBJ1	35	88.0133	After	Interior Girder 6	42.3833	0.95	1	1	3.034956
EV2_serv	BOBJ1	35	88.0133	After	Right Exterior Girder	42.3833	0.95	1	1	3.612633
EV2_serv	BOBJ1	36	94.18	Before	Left Exterior Girder	48.55	0.95	1	1	4.791782
EV2_serv	BOBJ1	36	94.18	Before	Interior Girder 1	48.55	0.95	1	1	4.28491
EV2_serv	BOBJ1	36	94.18	Before	Interior Girder 2	48.55	0.95	1	1	3.97508
EV2_serv	BOBJ1	36	94.18	Before	Interior Girder 3	48.55	0.95	1	1	3.909456
EV2_serv	BOBJ1	36	94.18	Before	Interior Girder 4	48.55	0.95	1	1	3.909456
EV2_serv	BOBJ1	36	94.18	Before	Interior Girder 5	48.55	0.95	1	1	3.97508
EV2_serv	BOBJ1	36	94.18	Before	Interior Girder 6	48.55	0.95	1	1	4.28491
EV2_serv	BOBJ1	36	94.18	Before	Right Exterior Girder	48.55	0.95	1	1	4.791782
EV2_serv	BOBJ1	37	94.18	After	Left Exterior Girder	48.55	0.95	1	1	4.698363
EV2_serv	BOBJ1	37	94.18	After	Interior Girder 1	48.55	0.95	1	1	4.325359
EV2_serv	BOBJ1	37	94.18	After	Interior Girder 2	48.55	0.95	1	1	3.988184
EV2_serv	BOBJ1	37	94.18	After	Interior Girder 3	48.55	0.95	1	1	3.877151
EV2_serv	BOBJ1	37	94.18	After	Interior Girder 4	48.55	0.95	1	1	3.877151
EV2_serv	BOBJ1	37	94.18	After	Interior Girder 5	48.55	0.95	1	1	3.988184
EV2_serv	BOBJ1	37	94.18	After	Interior Girder 6	48.55	0.95	1	1	4.325359
EV2_serv	BOBJ1	37	94.18	After	Right Exterior Girder	48.55	0.95	1	1	4.698363
EV2_serv	BOBJ1	38	100.3567	Before	Left Exterior Girder	54.7267	0.95	1	1	7.68084
EV2_serv	BOBJ1	38	100.3567	Before	Interior Girder 1	54.7267	0.95	1	1	6.428105
EV2_serv	BOBJ1	38	100.3567	Before	Interior Girder 2	54.7267	0.95	1	1	5.870649
EV2_serv	BOBJ1	38	100.3567	Before	Interior Girder 3	54.7267	0.95	1	1	5.563005
EV2_serv	BOBJ1	38	100.3567	Before	Interior Girder 4	54.7267	0.95	1	1	5.563005
EV2_serv	BOBJ1	38	100.3567	Before	Interior Girder 5	54.7267	0.95	1	1	5.870649
EV2_serv	BOBJ1	38	100.3567	Before	Interior Girder 6	54.7267	0.95	1	1	6.428105
EV2_serv	BOBJ1	38	100.3567	Before	Right Exterior Girder	54.7267	0.95	1	1	7.68084
EV2_serv	BOBJ1	39	100.3567	After	Left Exterior Girder	54.7267	0.95	1	1	7.774163
EV2_serv	BOBJ1	39	100.3567	After	Interior Girder 1	54.7267	0.95	1	1	6.42744
EV2_serv	BOBJ1	39	100.3567	After	Interior Girder 2	54.7267	0.95	1	1	5.846488
EV2_serv	BOBJ1	39	100.3567	After	Interior Girder 3	54.7267	0.95	1	1	5.411556
EV2_serv	BOBJ1	39	100.3567	After	Interior Girder 4	54.7267	0.95	1	1	5.411556
EV2_serv	BOBJ1	39	100.3567	After	Interior Girder 5	54.7267	0.95	1	1	5.846488
EV2_serv	BOBJ1	39	100.3567	After	Interior Girder 6	54.7267	0.95	1	1	6.42744
EV2_serv	BOBJ1	39	100.3567	After	Right Exterior Girder	54.7267	0.95	1	1	7.774163
EV2_serv	BOBJ1	40	106.5333	Before	Left Exterior Girder	60.9033	0.95	1	1	5.336115
EV2_serv	BOBJ1	40	106.5333	Before	Interior Girder 1	60.9033	0.95	1	1	5.555468
EV2_serv	BOBJ1	40	106.5333	Before	Interior Girder 2	60.9033	0.95	1	1	5.181632
EV2_serv	BOBJ1	40	106.5333	Before	Interior Girder 3	60.9033	0.95	1	1	4.880892
EV2_serv	BOBJ1	40	106.5333	Before	Interior Girder 4	60.9033	0.95	1	1	4.880892
EV2_serv	BOBJ1	40	106.5333	Before	Interior Girder 5	60.9033	0.95	1	1	5.181632
EV2_serv	BOBJ1	40	106.5333	Before	Interior Girder 6	60.9033	0.95	1	1	5.555468
EV2_serv	BOBJ1	40	106.5333	Before	Right Exterior Girder	60.9033	0.95	1	1	5.336115
EV2_serv	BOBJ1	41	106.5333	After	Left Exterior Girder	60.9033	0.95	1	1	5.450884
EV2_serv	BOBJ1	41	106.5333	After	Interior Girder 1	60.9033	0.95	1	1	5.428425
EV2_serv	BOBJ1	41	106.5333	After	Interior Girder 2	60.9033	0.95	1	1	5.060833
EV2_serv	BOBJ1	41	106.5333	After	Interior Girder 3	60.9033	0.95	1	1	4.767035
EV2_serv	BOBJ1	41	106.5333	After	Interior Girder 4	60.9033	0.95	1	1	4.767035
EV2_serv	BOBJ1	41	106.5333	After	Interior Girder 5	60.9033	0.95	1	1	5.060833

TABLE: Bridge Super Rating AASHTORATE18 31 - SteelICompServ-Flx - Approach, Span 16-19										
Request	BridgeObj	BridgeCut	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	Unitless	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
EV2_serv	BOBJ1	41	106.5333	After	Interior Girder 6	60.9033	0.95	1	1	5.428425
EV2_serv	BOBJ1	41	106.5333	After	Right Exterior Girder	60.9033	0.95	1	1	5.450884
EV2_serv	BOBJ1	42	108.2102	Before	Left Exterior Girder	62.5802	0.95	1	1	4.728508
EV2_serv	BOBJ1	42	108.2102	Before	Right Exterior Girder	62.5802	0.95	1	1	4.728508
EV2_serv	BOBJ1	43	108.2102	After	Left Exterior Girder	62.5802	0.95	1	1	6.917443
EV2_serv	BOBJ1	43	108.2102	After	Right Exterior Girder	62.5802	0.95	1	1	6.917443
EV2_serv	BOBJ1	44	112.71	Before	Left Exterior Girder	67.08	0.95	1	1	3.587611
EV2_serv	BOBJ1	44	112.71	Before	Interior Girder 1	67.08	0.95	1	1	2.519375
EV2_serv	BOBJ1	44	112.71	Before	Interior Girder 2	67.08	0.95	1	1	2.428591
EV2_serv	BOBJ1	44	112.71	Before	Interior Girder 3	67.08	0.95	1	1	2.064148
EV2_serv	BOBJ1	44	112.71	Before	Interior Girder 4	67.08	0.95	1	1	2.064148
EV2_serv	BOBJ1	44	112.71	Before	Interior Girder 5	67.08	0.95	1	1	2.428591
EV2_serv	BOBJ1	44	112.71	Before	Interior Girder 6	67.08	0.95	1	1	2.519375
EV2_serv	BOBJ1	44	112.71	Before	Right Exterior Girder	67.08	0.95	1	1	3.587611
EV2_serv	BOBJ1	45	112.71	After	Left Exterior Girder	0	0.95	1	1	3.601666
EV2_serv	BOBJ1	45	112.71	After	Interior Girder 1	0	0.95	1	1	2.862029
EV2_serv	BOBJ1	45	112.71	After	Interior Girder 2	0	0.95	1	1	2.634811
EV2_serv	BOBJ1	45	112.71	After	Interior Girder 3	0	0.95	1	1	2.248419
EV2_serv	BOBJ1	45	112.71	After	Interior Girder 4	0	0.95	1	1	2.248419
EV2_serv	BOBJ1	45	112.71	After	Interior Girder 5	0	0.95	1	1	2.634811
EV2_serv	BOBJ1	45	112.71	After	Interior Girder 6	0	0.95	1	1	2.862029
EV2_serv	BOBJ1	45	112.71	After	Right Exterior Girder	0	0.95	1	1	3.601666
EV2_serv	BOBJ1	46	117.21	Before	Left Exterior Girder	4.5	0.95	1	1	4.810802
EV2_serv	BOBJ1	46	117.21	Before	Right Exterior Girder	4.5	0.95	1	1	4.810802
EV2_serv	BOBJ1	47	117.21	After	Left Exterior Girder	4.5	0.95	1	1	3.276373
EV2_serv	BOBJ1	47	117.21	After	Right Exterior Girder	4.5	0.95	1	1	3.276373
EV2_serv	BOBJ1	48	119.1	Before	Left Exterior Girder	6.39	0.95	1	1	3.806824
EV2_serv	BOBJ1	48	119.1	Before	Interior Girder 1	6.39	0.95	1	1	4.040956
EV2_serv	BOBJ1	48	119.1	Before	Interior Girder 2	6.39	0.95	1	1	3.967208
EV2_serv	BOBJ1	48	119.1	Before	Interior Girder 3	6.39	0.95	1	1	3.849205
EV2_serv	BOBJ1	48	119.1	Before	Interior Girder 4	6.39	0.95	1	1	3.849205
EV2_serv	BOBJ1	48	119.1	Before	Interior Girder 5	6.39	0.95	1	1	3.967208
EV2_serv	BOBJ1	48	119.1	Before	Interior Girder 6	6.39	0.95	1	1	4.040956
EV2_serv	BOBJ1	48	119.1	Before	Right Exterior Girder	6.39	0.95	1	1	3.806824
EV2_serv	BOBJ1	49	119.1	After	Left Exterior Girder	6.39	0.95	1	1	3.74545
EV2_serv	BOBJ1	49	119.1	After	Interior Girder 1	6.39	0.95	1	1	4.106618
EV2_serv	BOBJ1	49	119.1	After	Interior Girder 2	6.39	0.95	1	1	4.021439
EV2_serv	BOBJ1	49	119.1	After	Interior Girder 3	6.39	0.95	1	1	3.873364
EV2_serv	BOBJ1	49	119.1	After	Interior Girder 4	6.39	0.95	1	1	3.873364
EV2_serv	BOBJ1	49	119.1	After	Interior Girder 5	6.39	0.95	1	1	4.021439
EV2_serv	BOBJ1	49	119.1	After	Interior Girder 6	6.39	0.95	1	1	4.106618
EV2_serv	BOBJ1	49	119.1	After	Right Exterior Girder	6.39	0.95	1	1	3.74545
EV2_serv	BOBJ1	50	125.49	Before	Left Exterior Girder	12.78	0.95	1	1	5.540484
EV2_serv	BOBJ1	50	125.49	Before	Interior Girder 1	12.78	0.95	1	1	5.493937
EV2_serv	BOBJ1	50	125.49	Before	Interior Girder 2	12.78	0.95	1	1	5.512263
EV2_serv	BOBJ1	50	125.49	Before	Interior Girder 3	12.78	0.95	1	1	5.265004
EV2_serv	BOBJ1	50	125.49	Before	Interior Girder 4	12.78	0.95	1	1	5.265004
EV2_serv	BOBJ1	50	125.49	Before	Interior Girder 5	12.78	0.95	1	1	5.512263
EV2_serv	BOBJ1	50	125.49	Before	Interior Girder 6	12.78	0.95	1	1	5.493937
EV2_serv	BOBJ1	50	125.49	Before	Right Exterior Girder	12.78	0.95	1	1	5.540484
EV2_serv	BOBJ1	51	125.49	After	Left Exterior Girder	12.78	0.95	1	1	5.486678
EV2_serv	BOBJ1	51	125.49	After	Interior Girder 1	12.78	0.95	1	1	5.558886
EV2_serv	BOBJ1	51	125.49	After	Interior Girder 2	12.78	0.95	1	1	5.554087
EV2_serv	BOBJ1	51	125.49	After	Interior Girder 3	12.78	0.95	1	1	5.415365
EV2_serv	BOBJ1	51	125.49	After	Interior Girder 4	12.78	0.95	1	1	5.415365
EV2_serv	BOBJ1	51	125.49	After	Interior Girder 5	12.78	0.95	1	1	5.554087
EV2_serv	BOBJ1	51	125.49	After	Interior Girder 6	12.78	0.95	1	1	5.558886
EV2_serv	BOBJ1	51	125.49	After	Right Exterior Girder	12.78	0.95	1	1	5.486678
EV2_serv	BOBJ1	52	131.88	Before	Left Exterior Girder	19.17	0.95	1	1	5.047853
EV2_serv	BOBJ1	52	131.88	Before	Interior Girder 1	19.17	0.95	1	1	4.666249
EV2_serv	BOBJ1	52	131.88	Before	Interior Girder 2	19.17	0.95	1	1	4.264944
EV2_serv	BOBJ1	52	131.88	Before	Interior Girder 3	19.17	0.95	1	1	4.106302
EV2_serv	BOBJ1	52	131.88	Before	Interior Girder 4	19.17	0.95	1	1	4.106302
EV2_serv	BOBJ1	52	131.88	Before	Interior Girder 5	19.17	0.95	1	1	4.264944
EV2_serv	BOBJ1	52	131.88	Before	Interior Girder 6	19.17	0.95	1	1	4.666249
EV2_serv	BOBJ1	52	131.88	Before	Right Exterior Girder	19.17	0.95	1	1	5.047853
EV2_serv	BOBJ1	53	131.88	After	Left Exterior Girder	19.17	0.95	1	1	5.09044
EV2_serv	BOBJ1	53	131.88	After	Interior Girder 1	19.17	0.95	1	1	4.647115
EV2_serv	BOBJ1	53	131.88	After	Interior Girder 2	19.17	0.95	1	1	4.258089
EV2_serv	BOBJ1	53	131.88	After	Interior Girder 3	19.17	0.95	1	1	4.132632
EV2_serv	BOBJ1	53	131.88	After	Interior Girder 4	19.17	0.95	1	1	4.132632
EV2_serv	BOBJ1	53	131.88	After	Interior Girder 5	19.17	0.95	1	1	4.258089
EV2_serv	BOBJ1	53	131.88	After	Interior Girder 6	19.17	0.95	1	1	4.647115

TABLE: Bridge Super Rating AASHTORATE18 31 - SteelICompServ-Flx - Approach, Span 16-19										
Request	BridgeObj	BridgeCut	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	Unitless	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
EV2_serv	BOBJ1	53	131.88	After	Right Exterior Girder	19.17	0.95	1	1	5.09044
EV2_serv	BOBJ1	54	138.27	Before	Left Exterior Girder	25.56	0.95	1	1	4.62748
EV2_serv	BOBJ1	54	138.27	Before	Interior Girder 1	25.56	0.95	1	1	3.719972
EV2_serv	BOBJ1	54	138.27	Before	Interior Girder 2	25.56	0.95	1	1	3.523173
EV2_serv	BOBJ1	54	138.27	Before	Interior Girder 3	25.56	0.95	1	1	3.320238
EV2_serv	BOBJ1	54	138.27	Before	Interior Girder 4	25.56	0.95	1	1	3.320238
EV2_serv	BOBJ1	54	138.27	Before	Interior Girder 5	25.56	0.95	1	1	3.523173
EV2_serv	BOBJ1	54	138.27	Before	Interior Girder 6	25.56	0.95	1	1	3.719972
EV2_serv	BOBJ1	54	138.27	Before	Right Exterior Girder	25.56	0.95	1	1	4.62748
EV2_serv	BOBJ1	55	138.27	After	Left Exterior Girder	25.56	0.95	1	1	4.68361
EV2_serv	BOBJ1	55	138.27	After	Interior Girder 1	25.56	0.95	1	1	3.701514
EV2_serv	BOBJ1	55	138.27	After	Interior Girder 2	25.56	0.95	1	1	3.517001
EV2_serv	BOBJ1	55	138.27	After	Interior Girder 3	25.56	0.95	1	1	3.331985
EV2_serv	BOBJ1	55	138.27	After	Interior Girder 4	25.56	0.95	1	1	3.331985
EV2_serv	BOBJ1	55	138.27	After	Interior Girder 5	25.56	0.95	1	1	3.517001
EV2_serv	BOBJ1	55	138.27	After	Interior Girder 6	25.56	0.95	1	1	3.701514
EV2_serv	BOBJ1	55	138.27	After	Right Exterior Girder	25.56	0.95	1	1	4.68361
EV2_serv	BOBJ1	56	144.66	Before	Left Exterior Girder	31.95	0.95	1	1	4.773266
EV2_serv	BOBJ1	56	144.66	Before	Interior Girder 1	31.95	0.95	1	1	3.735385
EV2_serv	BOBJ1	56	144.66	Before	Interior Girder 2	31.95	0.95	1	1	3.548177
EV2_serv	BOBJ1	56	144.66	Before	Interior Girder 3	31.95	0.95	1	1	3.363624
EV2_serv	BOBJ1	56	144.66	Before	Interior Girder 4	31.95	0.95	1	1	3.363624
EV2_serv	BOBJ1	56	144.66	Before	Interior Girder 5	31.95	0.95	1	1	3.548177
EV2_serv	BOBJ1	56	144.66	Before	Interior Girder 6	31.95	0.95	1	1	3.735385
EV2_serv	BOBJ1	56	144.66	Before	Right Exterior Girder	31.95	0.95	1	1	4.773266
EV2_serv	BOBJ1	57	144.66	After	Left Exterior Girder	31.95	0.95	1	1	4.708519
EV2_serv	BOBJ1	57	144.66	After	Interior Girder 1	31.95	0.95	1	1	3.760799
EV2_serv	BOBJ1	57	144.66	After	Interior Girder 2	31.95	0.95	1	1	3.555833
EV2_serv	BOBJ1	57	144.66	After	Interior Girder 3	31.95	0.95	1	1	3.346991
EV2_serv	BOBJ1	57	144.66	After	Interior Girder 4	31.95	0.95	1	1	3.346991
EV2_serv	BOBJ1	57	144.66	After	Interior Girder 5	31.95	0.95	1	1	3.555833
EV2_serv	BOBJ1	57	144.66	After	Interior Girder 6	31.95	0.95	1	1	3.760799
EV2_serv	BOBJ1	57	144.66	After	Right Exterior Girder	31.95	0.95	1	1	4.708519
EV2_serv	BOBJ1	58	151.05	Before	Left Exterior Girder	38.34	0.95	1	1	5.417559
EV2_serv	BOBJ1	58	151.05	Before	Interior Girder 1	38.34	0.95	1	1	4.794518
EV2_serv	BOBJ1	58	151.05	Before	Interior Girder 2	38.34	0.95	1	1	4.377743
EV2_serv	BOBJ1	58	151.05	Before	Interior Girder 3	38.34	0.95	1	1	4.2395
EV2_serv	BOBJ1	58	151.05	Before	Interior Girder 4	38.34	0.95	1	1	4.2395
EV2_serv	BOBJ1	58	151.05	Before	Interior Girder 5	38.34	0.95	1	1	4.377743
EV2_serv	BOBJ1	58	151.05	Before	Interior Girder 6	38.34	0.95	1	1	4.794518
EV2_serv	BOBJ1	58	151.05	Before	Right Exterior Girder	38.34	0.95	1	1	5.417559
EV2_serv	BOBJ1	59	151.05	After	Left Exterior Girder	38.34	0.95	1	1	5.35789
EV2_serv	BOBJ1	59	151.05	After	Interior Girder 1	38.34	0.95	1	1	4.825958
EV2_serv	BOBJ1	59	151.05	After	Interior Girder 2	38.34	0.95	1	1	4.38397
EV2_serv	BOBJ1	59	151.05	After	Interior Girder 3	38.34	0.95	1	1	4.205672
EV2_serv	BOBJ1	59	151.05	After	Interior Girder 4	38.34	0.95	1	1	4.205672
EV2_serv	BOBJ1	59	151.05	After	Interior Girder 5	38.34	0.95	1	1	4.38397
EV2_serv	BOBJ1	59	151.05	After	Interior Girder 6	38.34	0.95	1	1	4.825958
EV2_serv	BOBJ1	59	151.05	After	Right Exterior Girder	38.34	0.95	1	1	5.35789
EV2_serv	BOBJ1	60	157.4367	Before	Left Exterior Girder	44.7267	0.95	1	1	5.582027
EV2_serv	BOBJ1	60	157.4367	Before	Interior Girder 1	44.7267	0.95	1	1	5.84967
EV2_serv	BOBJ1	60	157.4367	Before	Interior Girder 2	44.7267	0.95	1	1	5.711718
EV2_serv	BOBJ1	60	157.4367	Before	Interior Girder 3	44.7267	0.95	1	1	5.648286
EV2_serv	BOBJ1	60	157.4367	Before	Interior Girder 4	44.7267	0.95	1	1	5.648286
EV2_serv	BOBJ1	60	157.4367	Before	Interior Girder 5	44.7267	0.95	1	1	5.711718
EV2_serv	BOBJ1	60	157.4367	Before	Interior Girder 6	44.7267	0.95	1	1	5.84967
EV2_serv	BOBJ1	60	157.4367	Before	Right Exterior Girder	44.7267	0.95	1	1	5.582027
EV2_serv	BOBJ1	61	157.4367	After	Left Exterior Girder	44.7267	0.95	1	1	5.629363
EV2_serv	BOBJ1	61	157.4367	After	Interior Girder 1	44.7267	0.95	1	1	5.802908
EV2_serv	BOBJ1	61	157.4367	After	Interior Girder 2	44.7267	0.95	1	1	5.686312
EV2_serv	BOBJ1	61	157.4367	After	Interior Girder 3	44.7267	0.95	1	1	5.569213
EV2_serv	BOBJ1	61	157.4367	After	Interior Girder 4	44.7267	0.95	1	1	5.569213
EV2_serv	BOBJ1	61	157.4367	After	Interior Girder 5	44.7267	0.95	1	1	5.686312
EV2_serv	BOBJ1	61	157.4367	After	Interior Girder 6	44.7267	0.95	1	1	5.802908
EV2_serv	BOBJ1	61	157.4367	After	Right Exterior Girder	44.7267	0.95	1	1	5.629363
EV2_serv	BOBJ1	62	158.71	Before	Left Exterior Girder	46	0.95	1	1	5.213521
EV2_serv	BOBJ1	62	158.71	Before	Interior Girder 1	46	0.95	1	1	5.512203
EV2_serv	BOBJ1	62	158.71	Before	Interior Girder 2	46	0.95	1	1	5.343234
EV2_serv	BOBJ1	62	158.71	Before	Interior Girder 3	46	0.95	1	1	5.33021
EV2_serv	BOBJ1	62	158.71	Before	Interior Girder 4	46	0.95	1	1	5.33021
EV2_serv	BOBJ1	62	158.71	Before	Interior Girder 5	46	0.95	1	1	5.343234
EV2_serv	BOBJ1	62	158.71	Before	Interior Girder 6	46	0.95	1	1	5.512203
EV2_serv	BOBJ1	62	158.71	Before	Right Exterior Girder	46	0.95	1	1	5.213521

TABLE: Bridge Super Rating AASHTORATE18 31 - SteelICompServ-Flx - Approach, Span 16-19										
Request	BridgeObj	BridgeCut	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	Unitless	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
EV2_serv	BOBJ1	63	158.71	After	Left Exterior Girder	46	0.95	1	1	7.105854
EV2_serv	BOBJ1	63	158.71	After	Interior Girder 1	46	0.95	1	1	6.89709
EV2_serv	BOBJ1	63	158.71	After	Interior Girder 2	46	0.95	1	1	6.66544
EV2_serv	BOBJ1	63	158.71	After	Interior Girder 3	46	0.95	1	1	6.684184
EV2_serv	BOBJ1	63	158.71	After	Interior Girder 4	46	0.95	1	1	6.684184
EV2_serv	BOBJ1	63	158.71	After	Interior Girder 5	46	0.95	1	1	6.66544
EV2_serv	BOBJ1	63	158.71	After	Interior Girder 6	46	0.95	1	1	6.89709
EV2_serv	BOBJ1	63	158.71	After	Right Exterior Girder	46	0.95	1	1	7.105854
EV2_serv	BOBJ1	64	163.8233	Before	Left Exterior Girder	51.1133	0.95	1	1	5.388472
EV2_serv	BOBJ1	64	163.8233	Before	Interior Girder 1	51.1133	0.95	1	1	5.558964
EV2_serv	BOBJ1	64	163.8233	Before	Interior Girder 2	51.1133	0.95	1	1	5.277662
EV2_serv	BOBJ1	64	163.8233	Before	Interior Girder 3	51.1133	0.95	1	1	5.030193
EV2_serv	BOBJ1	64	163.8233	Before	Interior Girder 4	51.1133	0.95	1	1	5.030193
EV2_serv	BOBJ1	64	163.8233	Before	Interior Girder 5	51.1133	0.95	1	1	5.277662
EV2_serv	BOBJ1	64	163.8233	Before	Interior Girder 6	51.1133	0.95	1	1	5.558964
EV2_serv	BOBJ1	64	163.8233	Before	Right Exterior Girder	51.1133	0.95	1	1	5.388472
EV2_serv	BOBJ1	65	163.8233	After	Left Exterior Girder	51.1133	0.95	1	1	5.469546
EV2_serv	BOBJ1	65	163.8233	After	Interior Girder 1	51.1133	0.95	1	1	5.451507
EV2_serv	BOBJ1	65	163.8233	After	Interior Girder 2	51.1133	0.95	1	1	5.177924
EV2_serv	BOBJ1	65	163.8233	After	Interior Girder 3	51.1133	0.95	1	1	4.939696
EV2_serv	BOBJ1	65	163.8233	After	Interior Girder 4	51.1133	0.95	1	1	4.939696
EV2_serv	BOBJ1	65	163.8233	After	Interior Girder 5	51.1133	0.95	1	1	5.177924
EV2_serv	BOBJ1	65	163.8233	After	Interior Girder 6	51.1133	0.95	1	1	5.451507
EV2_serv	BOBJ1	65	163.8233	After	Right Exterior Girder	51.1133	0.95	1	1	5.469546
EV2_serv	BOBJ1	66	164.71	Before	Left Exterior Girder	52	0.95	1	1	5.180133
EV2_serv	BOBJ1	66	164.71	Before	Right Exterior Girder	52	0.95	1	1	5.180133
EV2_serv	BOBJ1	67	164.71	After	Left Exterior Girder	52	0.95	1	1	7.806375
EV2_serv	BOBJ1	67	164.71	After	Right Exterior Girder	52	0.95	1	1	7.806375
EV2_serv	BOBJ1	68	170.21	Before	Left Exterior Girder	57.5	0.95	1	1	5.914548
EV2_serv	BOBJ1	68	170.21	Before	Interior Girder 1	57.5	0.95	1	1	3.661358
EV2_serv	BOBJ1	68	170.21	Before	Interior Girder 2	57.5	0.95	1	1	3.386055
EV2_serv	BOBJ1	68	170.21	Before	Interior Girder 3	57.5	0.95	1	1	2.787707
EV2_serv	BOBJ1	68	170.21	Before	Interior Girder 4	57.5	0.95	1	1	2.787707
EV2_serv	BOBJ1	68	170.21	Before	Interior Girder 5	57.5	0.95	1	1	3.386055
EV2_serv	BOBJ1	68	170.21	Before	Interior Girder 6	57.5	0.95	1	1	3.661358
EV2_serv	BOBJ1	68	170.21	Before	Right Exterior Girder	57.5	0.95	1	1	5.914548
EV2_serv	BOBJ1	69	170.21	After	Left Exterior Girder	0	0.95	1	1	5.955172
EV2_serv	BOBJ1	69	170.21	After	Interior Girder 1	0	0.95	1	1	3.539409
EV2_serv	BOBJ1	69	170.21	After	Interior Girder 2	0	0.95	1	1	3.324244
EV2_serv	BOBJ1	69	170.21	After	Interior Girder 3	0	0.95	1	1	2.777964
EV2_serv	BOBJ1	69	170.21	After	Interior Girder 4	0	0.95	1	1	2.777964
EV2_serv	BOBJ1	69	170.21	After	Interior Girder 5	0	0.95	1	1	3.324244
EV2_serv	BOBJ1	69	170.21	After	Interior Girder 6	0	0.95	1	1	3.539409
EV2_serv	BOBJ1	69	170.21	After	Right Exterior Girder	0	0.95	1	1	5.955172
EV2_serv	BOBJ1	70	176.21	Before	Left Exterior Girder	6	0.95	1	1	9.044368
EV2_serv	BOBJ1	70	176.21	Before	Right Exterior Girder	6	0.95	1	1	9.044368
EV2_serv	BOBJ1	71	176.21	After	Left Exterior Girder	6	0.95	1	1	6.096168
EV2_serv	BOBJ1	71	176.21	After	Right Exterior Girder	6	0.95	1	1	6.096168
EV2_serv	BOBJ1	72	176.6	Before	Left Exterior Girder	6.39	0.95	1	1	6.246046
EV2_serv	BOBJ1	72	176.6	Before	Interior Girder 1	6.39	0.95	1	1	6.040843
EV2_serv	BOBJ1	72	176.6	Before	Interior Girder 2	6.39	0.95	1	1	5.63619
EV2_serv	BOBJ1	72	176.6	Before	Interior Girder 3	6.39	0.95	1	1	5.342812
EV2_serv	BOBJ1	72	176.6	Before	Interior Girder 4	6.39	0.95	1	1	5.342812
EV2_serv	BOBJ1	72	176.6	Before	Interior Girder 5	6.39	0.95	1	1	5.63619
EV2_serv	BOBJ1	72	176.6	Before	Interior Girder 6	6.39	0.95	1	1	6.040843
EV2_serv	BOBJ1	72	176.6	Before	Right Exterior Girder	6.39	0.95	1	1	6.246046
EV2_serv	BOBJ1	73	176.6	After	Left Exterior Girder	6.39	0.95	1	1	6.125097
EV2_serv	BOBJ1	73	176.6	After	Interior Girder 1	6.39	0.95	1	1	6.190934
EV2_serv	BOBJ1	73	176.6	After	Interior Girder 2	6.39	0.95	1	1	5.76582
EV2_serv	BOBJ1	73	176.6	After	Interior Girder 3	6.39	0.95	1	1	5.466897
EV2_serv	BOBJ1	73	176.6	After	Interior Girder 4	6.39	0.95	1	1	5.466897
EV2_serv	BOBJ1	73	176.6	After	Interior Girder 5	6.39	0.95	1	1	5.76582
EV2_serv	BOBJ1	73	176.6	After	Interior Girder 6	6.39	0.95	1	1	6.190934
EV2_serv	BOBJ1	73	176.6	After	Right Exterior Girder	6.39	0.95	1	1	6.125097
EV2_serv	BOBJ1	74	182.99	Before	Left Exterior Girder	12.78	0.95	1	1	8.477768
EV2_serv	BOBJ1	74	182.99	Before	Interior Girder 1	12.78	0.95	1	1	6.747338
EV2_serv	BOBJ1	74	182.99	Before	Interior Girder 2	12.78	0.95	1	1	6.167609
EV2_serv	BOBJ1	74	182.99	Before	Interior Girder 3	12.78	0.95	1	1	5.811937
EV2_serv	BOBJ1	74	182.99	Before	Interior Girder 4	12.78	0.95	1	1	5.811937
EV2_serv	BOBJ1	74	182.99	Before	Interior Girder 5	12.78	0.95	1	1	6.167609
EV2_serv	BOBJ1	74	182.99	Before	Interior Girder 6	12.78	0.95	1	1	6.747338
EV2_serv	BOBJ1	74	182.99	Before	Right Exterior Girder	12.78	0.95	1	1	8.477768
EV2_serv	BOBJ1	75	182.99	After	Left Exterior Girder	12.78	0.95	1	1	8.409436

TABLE: Bridge Super Rating AASHTORATE18 31 - SteelICompServ-Flx - Approach, Span 16-19										
Request	BridgeObj	BridgeCut	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	Unitless	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
EV2_serv	BOBJ1	75	182.99	After	Interior Girder 1	12.78	0.95	1	1	6.770224
EV2_serv	BOBJ1	75	182.99	After	Interior Girder 2	12.78	0.95	1	1	6.2232
EV2_serv	BOBJ1	75	182.99	After	Interior Girder 3	12.78	0.95	1	1	6.003866
EV2_serv	BOBJ1	75	182.99	After	Interior Girder 4	12.78	0.95	1	1	6.003866
EV2_serv	BOBJ1	75	182.99	After	Interior Girder 5	12.78	0.95	1	1	6.2232
EV2_serv	BOBJ1	75	182.99	After	Interior Girder 6	12.78	0.95	1	1	6.770224
EV2_serv	BOBJ1	75	182.99	After	Right Exterior Girder	12.78	0.95	1	1	8.409436
EV2_serv	BOBJ1	76	189.38	Before	Left Exterior Girder	19.17	0.95	1	1	5.268209
EV2_serv	BOBJ1	76	189.38	Before	Interior Girder 1	19.17	0.95	1	1	4.633903
EV2_serv	BOBJ1	76	189.38	Before	Interior Girder 2	19.17	0.95	1	1	4.256787
EV2_serv	BOBJ1	76	189.38	Before	Interior Girder 3	19.17	0.95	1	1	4.140176
EV2_serv	BOBJ1	76	189.38	Before	Interior Girder 4	19.17	0.95	1	1	4.140176
EV2_serv	BOBJ1	76	189.38	Before	Interior Girder 5	19.17	0.95	1	1	4.256787
EV2_serv	BOBJ1	76	189.38	Before	Interior Girder 6	19.17	0.95	1	1	4.633903
EV2_serv	BOBJ1	76	189.38	Before	Right Exterior Girder	19.17	0.95	1	1	5.268209
EV2_serv	BOBJ1	77	189.38	After	Left Exterior Girder	19.17	0.95	1	1	5.344311
EV2_serv	BOBJ1	77	189.38	After	Interior Girder 1	19.17	0.95	1	1	4.594823
EV2_serv	BOBJ1	77	189.38	After	Interior Girder 2	19.17	0.95	1	1	4.250777
EV2_serv	BOBJ1	77	189.38	After	Interior Girder 3	19.17	0.95	1	1	4.176444
EV2_serv	BOBJ1	77	189.38	After	Interior Girder 4	19.17	0.95	1	1	4.176444
EV2_serv	BOBJ1	77	189.38	After	Interior Girder 5	19.17	0.95	1	1	4.250777
EV2_serv	BOBJ1	77	189.38	After	Interior Girder 6	19.17	0.95	1	1	4.594823
EV2_serv	BOBJ1	77	189.38	After	Right Exterior Girder	19.17	0.95	1	1	5.344311
EV2_serv	BOBJ1	78	195.77	Before	Left Exterior Girder	25.56	0.95	1	1	4.186113
EV2_serv	BOBJ1	78	195.77	Before	Interior Girder 1	25.56	0.95	1	1	3.330112
EV2_serv	BOBJ1	78	195.77	Before	Interior Girder 2	25.56	0.95	1	1	3.195538
EV2_serv	BOBJ1	78	195.77	Before	Interior Girder 3	25.56	0.95	1	1	3.072379
EV2_serv	BOBJ1	78	195.77	Before	Interior Girder 4	25.56	0.95	1	1	3.072379
EV2_serv	BOBJ1	78	195.77	Before	Interior Girder 5	25.56	0.95	1	1	3.195538
EV2_serv	BOBJ1	78	195.77	Before	Interior Girder 6	25.56	0.95	1	1	3.330112
EV2_serv	BOBJ1	78	195.77	Before	Right Exterior Girder	25.56	0.95	1	1	4.186113
EV2_serv	BOBJ1	79	195.77	After	Left Exterior Girder	25.56	0.95	1	1	4.251731
EV2_serv	BOBJ1	79	195.77	After	Interior Girder 1	25.56	0.95	1	1	3.299832
EV2_serv	BOBJ1	79	195.77	After	Interior Girder 2	25.56	0.95	1	1	3.188297
EV2_serv	BOBJ1	79	195.77	After	Interior Girder 3	25.56	0.95	1	1	3.091341
EV2_serv	BOBJ1	79	195.77	After	Interior Girder 4	25.56	0.95	1	1	3.091341
EV2_serv	BOBJ1	79	195.77	After	Interior Girder 5	25.56	0.95	1	1	3.188297
EV2_serv	BOBJ1	79	195.77	After	Interior Girder 6	25.56	0.95	1	1	3.299832
EV2_serv	BOBJ1	79	195.77	After	Right Exterior Girder	25.56	0.95	1	1	4.251731
EV2_serv	BOBJ1	80	202.16	Before	Left Exterior Girder	31.95	0.95	1	1	3.778427
EV2_serv	BOBJ1	80	202.16	Before	Interior Girder 1	31.95	0.95	1	1	3.024062
EV2_serv	BOBJ1	80	202.16	Before	Interior Girder 2	31.95	0.95	1	1	2.921223
EV2_serv	BOBJ1	80	202.16	Before	Interior Girder 3	31.95	0.95	1	1	2.827429
EV2_serv	BOBJ1	80	202.16	Before	Interior Girder 4	31.95	0.95	1	1	2.827429
EV2_serv	BOBJ1	80	202.16	Before	Interior Girder 5	31.95	0.95	1	1	2.921223
EV2_serv	BOBJ1	80	202.16	Before	Interior Girder 6	31.95	0.95	1	1	3.024062
EV2_serv	BOBJ1	80	202.16	Before	Right Exterior Girder	31.95	0.95	1	1	3.778427
EV2_serv	BOBJ1	81	202.16	After	Left Exterior Girder	31.95	0.95	1	1	3.748091
EV2_serv	BOBJ1	81	202.16	After	Interior Girder 1	31.95	0.95	1	1	3.030516
EV2_serv	BOBJ1	81	202.16	After	Interior Girder 2	31.95	0.95	1	1	2.926715
EV2_serv	BOBJ1	81	202.16	After	Interior Girder 3	31.95	0.95	1	1	2.827113
EV2_serv	BOBJ1	81	202.16	After	Interior Girder 4	31.95	0.95	1	1	2.827113
EV2_serv	BOBJ1	81	202.16	After	Interior Girder 5	31.95	0.95	1	1	2.926715
EV2_serv	BOBJ1	81	202.16	After	Interior Girder 6	31.95	0.95	1	1	3.030516
EV2_serv	BOBJ1	81	202.16	After	Right Exterior Girder	31.95	0.95	1	1	3.748091
EV2_serv	BOBJ1	82	208.55	Before	Left Exterior Girder	38.34	0.95	1	1	3.577843
EV2_serv	BOBJ1	82	208.55	Before	Interior Girder 1	38.34	0.95	1	1	3.220202
EV2_serv	BOBJ1	82	208.55	Before	Interior Girder 2	38.34	0.95	1	1	3.088656
EV2_serv	BOBJ1	82	208.55	Before	Interior Girder 3	38.34	0.95	1	1	3.050415
EV2_serv	BOBJ1	82	208.55	Before	Interior Girder 4	38.34	0.95	1	1	3.050415
EV2_serv	BOBJ1	82	208.55	Before	Interior Girder 5	38.34	0.95	1	1	3.088656
EV2_serv	BOBJ1	82	208.55	Before	Interior Girder 6	38.34	0.95	1	1	3.220202
EV2_serv	BOBJ1	82	208.55	Before	Right Exterior Girder	38.34	0.95	1	1	3.577843
EV2_serv	BOBJ1	83	208.55	After	Left Exterior Girder	38.34	0.95	1	1	3.547408
EV2_serv	BOBJ1	83	208.55	After	Interior Girder 1	38.34	0.95	1	1	3.233755
EV2_serv	BOBJ1	83	208.55	After	Interior Girder 2	38.34	0.95	1	1	3.087829
EV2_serv	BOBJ1	83	208.55	After	Interior Girder 3	38.34	0.95	1	1	3.041381
EV2_serv	BOBJ1	83	208.55	After	Interior Girder 4	38.34	0.95	1	1	3.041381
EV2_serv	BOBJ1	83	208.55	After	Interior Girder 5	38.34	0.95	1	1	3.087829
EV2_serv	BOBJ1	83	208.55	After	Interior Girder 6	38.34	0.95	1	1	3.233755
EV2_serv	BOBJ1	83	208.55	After	Right Exterior Girder	38.34	0.95	1	1	3.547408
EV2_serv	BOBJ1	84	215.1233	Before	Left Exterior Girder	44.9133	0.95	1	1	4.809842
EV2_serv	BOBJ1	84	215.1233	Before	Interior Girder 1	44.9133	0.95	1	1	3.626024

TABLE: Bridge Super Rating AASHTORATE18 31 - SteelICompServ-Flx - Approach, Span 16-19										
Request	BridgeObj	BridgeCut	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	Unitless	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
EV2_serv	BOBJ1	84	215.1233	Before	Interior Girder 2	44.9133	0.95	1	1	3.482429
EV2_serv	BOBJ1	84	215.1233	Before	Interior Girder 3	44.9133	0.95	1	1	3.345313
EV2_serv	BOBJ1	84	215.1233	Before	Interior Girder 4	44.9133	0.95	1	1	3.345313
EV2_serv	BOBJ1	84	215.1233	Before	Interior Girder 5	44.9133	0.95	1	1	3.482429
EV2_serv	BOBJ1	84	215.1233	Before	Interior Girder 6	44.9133	0.95	1	1	3.626024
EV2_serv	BOBJ1	84	215.1233	Before	Right Exterior Girder	44.9133	0.95	1	1	4.809842
EV2_serv	BOBJ1	85	215.1233	After	Left Exterior Girder	44.9133	0.95	1	1	4.793055
EV2_serv	BOBJ1	85	215.1233	After	Interior Girder 1	44.9133	0.95	1	1	3.630301
EV2_serv	BOBJ1	85	215.1233	After	Interior Girder 2	44.9133	0.95	1	1	3.432986
EV2_serv	BOBJ1	85	215.1233	After	Interior Girder 3	44.9133	0.95	1	1	3.282334
EV2_serv	BOBJ1	85	215.1233	After	Interior Girder 4	44.9133	0.95	1	1	3.282334
EV2_serv	BOBJ1	85	215.1233	After	Interior Girder 5	44.9133	0.95	1	1	3.432986
EV2_serv	BOBJ1	85	215.1233	After	Interior Girder 6	44.9133	0.95	1	1	3.630301
EV2_serv	BOBJ1	85	215.1233	After	Right Exterior Girder	44.9133	0.95	1	1	4.793055
EV2_serv	BOBJ1	86	221.6967	Before	Left Exterior Girder	51.4867	0.95	1	1	9.483531
EV2_serv	BOBJ1	86	221.6967	Before	Interior Girder 1	51.4867	0.95	1	1	5.862702
EV2_serv	BOBJ1	86	221.6967	Before	Interior Girder 2	51.4867	0.95	1	1	5.595605
EV2_serv	BOBJ1	86	221.6967	Before	Interior Girder 3	51.4867	0.95	1	1	4.963961
EV2_serv	BOBJ1	86	221.6967	Before	Interior Girder 4	51.4867	0.95	1	1	4.963961
EV2_serv	BOBJ1	86	221.6967	Before	Interior Girder 5	51.4867	0.95	1	1	5.595605
EV2_serv	BOBJ1	86	221.6967	Before	Interior Girder 6	51.4867	0.95	1	1	5.862702
EV2_serv	BOBJ1	86	221.6967	Before	Right Exterior Girder	51.4867	0.95	1	1	9.483531
EV2_serv	BOBJ1	87	221.6967	After	Left Exterior Girder	51.4867	0.95	1	1	9.451581
EV2_serv	BOBJ1	87	221.6967	After	Interior Girder 1	51.4867	0.95	1	1	5.882304
EV2_serv	BOBJ1	87	221.6967	After	Interior Girder 2	51.4867	0.95	1	1	5.519011
EV2_serv	BOBJ1	87	221.6967	After	Interior Girder 3	51.4867	0.95	1	1	4.794272
EV2_serv	BOBJ1	87	221.6967	After	Interior Girder 4	51.4867	0.95	1	1	4.794272
EV2_serv	BOBJ1	87	221.6967	After	Interior Girder 5	51.4867	0.95	1	1	5.519011
EV2_serv	BOBJ1	87	221.6967	After	Interior Girder 6	51.4867	0.95	1	1	5.882304
EV2_serv	BOBJ1	87	221.6967	After	Right Exterior Girder	51.4867	0.95	1	1	9.451581
EV2_serv	BOBJ1	88	228.27	Before	Left Exterior Girder	58.06	0.95	1	1	520.002752
EV2_serv	BOBJ1	88	228.27	Before	Interior Girder 1	58.06	0.95	1	1	509.890967
EV2_serv	BOBJ1	88	228.27	Before	Interior Girder 2	58.06	0.95	1	1	253.941915
EV2_serv	BOBJ1	88	228.27	Before	Interior Girder 3	58.06	0.95	1	1	189.418872
EV2_serv	BOBJ1	88	228.27	Before	Interior Girder 4	58.06	0.95	1	1	189.418871
EV2_serv	BOBJ1	88	228.27	Before	Interior Girder 5	58.06	0.95	1	1	253.941915
EV2_serv	BOBJ1	88	228.27	Before	Interior Girder 6	58.06	0.95	1	1	509.890967
EV2_serv	BOBJ1	88	228.27	Before	Right Exterior Girder	58.06	0.95	1	1	520.002751
EV3_serv	BOBJ1	1	0	After	Left Exterior Girder	0	0.95	1	1	449.463358
EV3_serv	BOBJ1	1	0	After	Interior Girder 1	0	0.95	1	1	285.967885
EV3_serv	BOBJ1	1	0	After	Interior Girder 2	0	0.95	1	1	170.112153
EV3_serv	BOBJ1	1	0	After	Interior Girder 3	0	0.95	1	1	135.356594
EV3_serv	BOBJ1	1	0	After	Interior Girder 4	0	0.95	1	1	135.356594
EV3_serv	BOBJ1	1	0	After	Interior Girder 5	0	0.95	1	1	170.112155
EV3_serv	BOBJ1	1	0	After	Interior Girder 6	0	0.95	1	1	285.967885
EV3_serv	BOBJ1	1	0	After	Right Exterior Girder	0	0.95	1	1	449.463358
EV3_serv	BOBJ1	2	5.3833	Before	Left Exterior Girder	5.3833	0.95	1	1	6.785048
EV3_serv	BOBJ1	2	5.3833	Before	Interior Girder 1	5.3833	0.95	1	1	4.248146
EV3_serv	BOBJ1	2	5.3833	Before	Interior Girder 2	5.3833	0.95	1	1	3.981344
EV3_serv	BOBJ1	2	5.3833	Before	Interior Girder 3	5.3833	0.95	1	1	3.413859
EV3_serv	BOBJ1	2	5.3833	Before	Interior Girder 4	5.3833	0.95	1	1	3.413859
EV3_serv	BOBJ1	2	5.3833	Before	Interior Girder 5	5.3833	0.95	1	1	3.981344
EV3_serv	BOBJ1	2	5.3833	Before	Interior Girder 6	5.3833	0.95	1	1	4.248146
EV3_serv	BOBJ1	2	5.3833	Before	Right Exterior Girder	5.3833	0.95	1	1	6.785048
EV3_serv	BOBJ1	3	5.3833	After	Left Exterior Girder	5.3833	0.95	1	1	6.841269
EV3_serv	BOBJ1	3	5.3833	After	Interior Girder 1	5.3833	0.95	1	1	4.265118
EV3_serv	BOBJ1	3	5.3833	After	Interior Girder 2	5.3833	0.95	1	1	4.041913
EV3_serv	BOBJ1	3	5.3833	After	Interior Girder 3	5.3833	0.95	1	1	3.525018
EV3_serv	BOBJ1	3	5.3833	After	Interior Girder 4	5.3833	0.95	1	1	3.525018
EV3_serv	BOBJ1	3	5.3833	After	Interior Girder 5	5.3833	0.95	1	1	4.041913
EV3_serv	BOBJ1	3	5.3833	After	Interior Girder 6	5.3833	0.95	1	1	4.265118
EV3_serv	BOBJ1	3	5.3833	After	Right Exterior Girder	5.3833	0.95	1	1	6.841269
EV3_serv	BOBJ1	4	10.7667	Before	Left Exterior Girder	10.7667	0.95	1	1	3.686969
EV3_serv	BOBJ1	4	10.7667	Before	Interior Girder 1	10.7667	0.95	1	1	2.768915
EV3_serv	BOBJ1	4	10.7667	Before	Interior Girder 2	10.7667	0.95	1	1	2.577606
EV3_serv	BOBJ1	4	10.7667	Before	Interior Girder 3	10.7667	0.95	1	1	2.430253
EV3_serv	BOBJ1	4	10.7667	Before	Interior Girder 4	10.7667	0.95	1	1	2.430253
EV3_serv	BOBJ1	4	10.7667	Before	Interior Girder 5	10.7667	0.95	1	1	2.577606
EV3_serv	BOBJ1	4	10.7667	Before	Interior Girder 6	10.7667	0.95	1	1	2.768915
EV3_serv	BOBJ1	4	10.7667	Before	Right Exterior Girder	10.7667	0.95	1	1	3.686969
EV3_serv	BOBJ1	5	10.7667	After	Left Exterior Girder	10.7667	0.95	1	1	3.681705
EV3_serv	BOBJ1	5	10.7667	After	Interior Girder 1	10.7667	0.95	1	1	2.778815
EV3_serv	BOBJ1	5	10.7667	After	Interior Girder 2	10.7667	0.95	1	1	2.615869

TABLE: Bridge Super Rating AASHTORATE18 31 - SteelICompServ-Flx - Approach, Span 16-19										
Request	BridgeObj	BridgeCut	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	Unitless	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
EV3_serv	BOBJ1	5	10.7667	After	Interior Girder 3	10.7667	0.95	1	1	2.469568
EV3_serv	BOBJ1	5	10.7667	After	Interior Girder 4	10.7667	0.95	1	1	2.469568
EV3_serv	BOBJ1	5	10.7667	After	Interior Girder 5	10.7667	0.95	1	1	2.615869
EV3_serv	BOBJ1	5	10.7667	After	Interior Girder 6	10.7667	0.95	1	1	2.778815
EV3_serv	BOBJ1	5	10.7667	After	Right Exterior Girder	10.7667	0.95	1	1	3.681705
EV3_serv	BOBJ1	6	16.15	Before	Left Exterior Girder	16.15	0.95	1	1	2.856312
EV3_serv	BOBJ1	6	16.15	Before	Interior Girder 1	16.15	0.95	1	1	2.524393
EV3_serv	BOBJ1	6	16.15	Before	Interior Girder 2	16.15	0.95	1	1	2.339708
EV3_serv	BOBJ1	6	16.15	Before	Interior Girder 3	16.15	0.95	1	1	2.270802
EV3_serv	BOBJ1	6	16.15	Before	Interior Girder 4	16.15	0.95	1	1	2.270802
EV3_serv	BOBJ1	6	16.15	Before	Interior Girder 5	16.15	0.95	1	1	2.339708
EV3_serv	BOBJ1	6	16.15	Before	Interior Girder 6	16.15	0.95	1	1	2.524393
EV3_serv	BOBJ1	6	16.15	Before	Right Exterior Girder	16.15	0.95	1	1	2.856312
EV3_serv	BOBJ1	7	16.15	After	Left Exterior Girder	16.15	0.95	1	1	2.867135
EV3_serv	BOBJ1	7	16.15	After	Interior Girder 1	16.15	0.95	1	1	2.514045
EV3_serv	BOBJ1	7	16.15	After	Interior Girder 2	16.15	0.95	1	1	2.342468
EV3_serv	BOBJ1	7	16.15	After	Interior Girder 3	16.15	0.95	1	1	2.27192
EV3_serv	BOBJ1	7	16.15	After	Interior Girder 4	16.15	0.95	1	1	2.27192
EV3_serv	BOBJ1	7	16.15	After	Interior Girder 5	16.15	0.95	1	1	2.342468
EV3_serv	BOBJ1	7	16.15	After	Interior Girder 6	16.15	0.95	1	1	2.514045
EV3_serv	BOBJ1	7	16.15	After	Right Exterior Girder	16.15	0.95	1	1	2.867135
EV3_serv	BOBJ1	8	22.1267	Before	Left Exterior Girder	22.1267	0.95	1	1	3.106947
EV3_serv	BOBJ1	8	22.1267	Before	Interior Girder 1	22.1267	0.95	1	1	2.390844
EV3_serv	BOBJ1	8	22.1267	Before	Interior Girder 2	22.1267	0.95	1	1	2.257367
EV3_serv	BOBJ1	8	22.1267	Before	Interior Girder 3	22.1267	0.95	1	1	2.152566
EV3_serv	BOBJ1	8	22.1267	Before	Interior Girder 4	22.1267	0.95	1	1	2.152566
EV3_serv	BOBJ1	8	22.1267	Before	Interior Girder 5	22.1267	0.95	1	1	2.257367
EV3_serv	BOBJ1	8	22.1267	Before	Interior Girder 6	22.1267	0.95	1	1	2.390844
EV3_serv	BOBJ1	8	22.1267	Before	Right Exterior Girder	22.1267	0.95	1	1	3.106947
EV3_serv	BOBJ1	9	22.1267	After	Left Exterior Girder	22.1267	0.95	1	1	3.127896
EV3_serv	BOBJ1	9	22.1267	After	Interior Girder 1	22.1267	0.95	1	1	2.379226
EV3_serv	BOBJ1	9	22.1267	After	Interior Girder 2	22.1267	0.95	1	1	2.243024
EV3_serv	BOBJ1	9	22.1267	After	Interior Girder 3	22.1267	0.95	1	1	2.141064
EV3_serv	BOBJ1	9	22.1267	After	Interior Girder 4	22.1267	0.95	1	1	2.141064
EV3_serv	BOBJ1	9	22.1267	After	Interior Girder 5	22.1267	0.95	1	1	2.243024
EV3_serv	BOBJ1	9	22.1267	After	Interior Girder 6	22.1267	0.95	1	1	2.379226
EV3_serv	BOBJ1	9	22.1267	After	Right Exterior Girder	22.1267	0.95	1	1	3.127896
EV3_serv	BOBJ1	10	28.1033	Before	Left Exterior Girder	28.1033	0.95	1	1	3.912602
EV3_serv	BOBJ1	10	28.1033	Before	Interior Girder 1	28.1033	0.95	1	1	2.848728
EV3_serv	BOBJ1	10	28.1033	Before	Interior Girder 2	28.1033	0.95	1	1	2.678999
EV3_serv	BOBJ1	10	28.1033	Before	Interior Girder 3	28.1033	0.95	1	1	2.578097
EV3_serv	BOBJ1	10	28.1033	Before	Interior Girder 4	28.1033	0.95	1	1	2.578097
EV3_serv	BOBJ1	10	28.1033	Before	Interior Girder 5	28.1033	0.95	1	1	2.678999
EV3_serv	BOBJ1	10	28.1033	Before	Interior Girder 6	28.1033	0.95	1	1	2.848728
EV3_serv	BOBJ1	10	28.1033	Before	Right Exterior Girder	28.1033	0.95	1	1	3.912602
EV3_serv	BOBJ1	11	28.1033	After	Left Exterior Girder	28.1033	0.95	1	1	3.868379
EV3_serv	BOBJ1	11	28.1033	After	Interior Girder 1	28.1033	0.95	1	1	2.876976
EV3_serv	BOBJ1	11	28.1033	After	Interior Girder 2	28.1033	0.95	1	1	2.682864
EV3_serv	BOBJ1	11	28.1033	After	Interior Girder 3	28.1033	0.95	1	1	2.56255
EV3_serv	BOBJ1	11	28.1033	After	Interior Girder 4	28.1033	0.95	1	1	2.56255
EV3_serv	BOBJ1	11	28.1033	After	Interior Girder 5	28.1033	0.95	1	1	2.682864
EV3_serv	BOBJ1	11	28.1033	After	Interior Girder 6	28.1033	0.95	1	1	2.876976
EV3_serv	BOBJ1	11	28.1033	After	Right Exterior Girder	28.1033	0.95	1	1	3.868379
EV3_serv	BOBJ1	12	34.08	Before	Left Exterior Girder	34.08	0.95	1	1	3.261621
EV3_serv	BOBJ1	12	34.08	Before	Interior Girder 1	34.08	0.95	1	1	3.308967
EV3_serv	BOBJ1	12	34.08	Before	Interior Girder 2	34.08	0.95	1	1	3.317964
EV3_serv	BOBJ1	12	34.08	Before	Interior Girder 3	34.08	0.95	1	1	3.432939
EV3_serv	BOBJ1	12	34.08	Before	Interior Girder 4	34.08	0.95	1	1	3.432939
EV3_serv	BOBJ1	12	34.08	Before	Interior Girder 5	34.08	0.95	1	1	3.317964
EV3_serv	BOBJ1	12	34.08	Before	Interior Girder 6	34.08	0.95	1	1	3.308967
EV3_serv	BOBJ1	12	34.08	Before	Right Exterior Girder	34.08	0.95	1	1	3.261621
EV3_serv	BOBJ1	13	34.08	After	Left Exterior Girder	34.08	0.95	1	1	3.291449
EV3_serv	BOBJ1	13	34.08	After	Interior Girder 1	34.08	0.95	1	1	3.27859
EV3_serv	BOBJ1	13	34.08	After	Interior Girder 2	34.08	0.95	1	1	3.296158
EV3_serv	BOBJ1	13	34.08	After	Interior Girder 3	34.08	0.95	1	1	3.43253
EV3_serv	BOBJ1	13	34.08	After	Interior Girder 4	34.08	0.95	1	1	3.43253
EV3_serv	BOBJ1	13	34.08	After	Interior Girder 5	34.08	0.95	1	1	3.296158
EV3_serv	BOBJ1	13	34.08	After	Interior Girder 6	34.08	0.95	1	1	3.27859
EV3_serv	BOBJ1	13	34.08	After	Right Exterior Girder	34.08	0.95	1	1	3.291449
EV3_serv	BOBJ1	14	39.855	Before	Left Exterior Girder	39.855	0.95	1	1	2.225004
EV3_serv	BOBJ1	14	39.855	Before	Interior Girder 1	39.855	0.95	1	1	2.50385
EV3_serv	BOBJ1	14	39.855	Before	Interior Girder 2	39.855	0.95	1	1	2.469845
EV3_serv	BOBJ1	14	39.855	Before	Interior Girder 3	39.855	0.95	1	1	2.372597

TABLE: Bridge Super Rating AASHTORATE18 31 - SteelICompServ-Flx - Approach, Span 16-19										
Request	BridgeObj	BridgeCut	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	Unitless	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
EV3_serv	BOBJ1	14	39.855	Before	Interior Girder 4	39.855	0.95	1	1	2.372597
EV3_serv	BOBJ1	14	39.855	Before	Interior Girder 5	39.855	0.95	1	1	2.469845
EV3_serv	BOBJ1	14	39.855	Before	Interior Girder 6	39.855	0.95	1	1	2.50385
EV3_serv	BOBJ1	14	39.855	Before	Right Exterior Girder	39.855	0.95	1	1	2.225004
EV3_serv	BOBJ1	15	39.855	After	Left Exterior Girder	39.855	0.95	1	1	2.261825
EV3_serv	BOBJ1	15	39.855	After	Interior Girder 1	39.855	0.95	1	1	2.470093
EV3_serv	BOBJ1	15	39.855	After	Interior Girder 2	39.855	0.95	1	1	2.438073
EV3_serv	BOBJ1	15	39.855	After	Interior Girder 3	39.855	0.95	1	1	2.358465
EV3_serv	BOBJ1	15	39.855	After	Interior Girder 4	39.855	0.95	1	1	2.358465
EV3_serv	BOBJ1	15	39.855	After	Interior Girder 5	39.855	0.95	1	1	2.438073
EV3_serv	BOBJ1	15	39.855	After	Interior Girder 6	39.855	0.95	1	1	2.470093
EV3_serv	BOBJ1	15	39.855	After	Right Exterior Girder	39.855	0.95	1	1	2.261825
EV3_serv	BOBJ1	16	40.0288	Before	Left Exterior Girder	40.0288	0.95	1	1	2.221495
EV3_serv	BOBJ1	16	40.0288	Before	Right Exterior Girder	40.0288	0.95	1	1	2.221495
EV3_serv	BOBJ1	17	40.0288	After	Left Exterior Girder	40.0288	0.95	1	1	3.190487
EV3_serv	BOBJ1	17	40.0288	After	Right Exterior Girder	40.0288	0.95	1	1	3.190487
EV3_serv	BOBJ1	18	45.63	Before	Left Exterior Girder	45.63	0.95	1	1	2.17969
EV3_serv	BOBJ1	18	45.63	Before	Interior Girder 1	45.63	0.95	1	1	1.808863
EV3_serv	BOBJ1	18	45.63	Before	Interior Girder 2	45.63	0.95	1	1	1.779693
EV3_serv	BOBJ1	18	45.63	Before	Interior Girder 3	45.63	0.95	1	1	1.549913
EV3_serv	BOBJ1	18	45.63	Before	Interior Girder 4	45.63	0.95	1	1	1.549913
EV3_serv	BOBJ1	18	45.63	Before	Interior Girder 5	45.63	0.95	1	1	1.779693
EV3_serv	BOBJ1	18	45.63	Before	Interior Girder 6	45.63	0.95	1	1	1.808863
EV3_serv	BOBJ1	18	45.63	Before	Right Exterior Girder	45.63	0.95	1	1	2.17969
EV3_serv	BOBJ1	19	45.63	After	Left Exterior Girder	0	0.95	1	1	2.171312
EV3_serv	BOBJ1	19	45.63	After	Interior Girder 1	0	0.95	1	1	1.63421
EV3_serv	BOBJ1	19	45.63	After	Interior Girder 2	0	0.95	1	1	1.588732
EV3_serv	BOBJ1	19	45.63	After	Interior Girder 3	0	0.95	1	1	1.337902
EV3_serv	BOBJ1	19	45.63	After	Interior Girder 4	0	0.95	1	1	1.337902
EV3_serv	BOBJ1	19	45.63	After	Interior Girder 5	0	0.95	1	1	1.588732
EV3_serv	BOBJ1	19	45.63	After	Interior Girder 6	0	0.95	1	1	1.63421
EV3_serv	BOBJ1	19	45.63	After	Right Exterior Girder	0	0.95	1	1	2.171312
EV3_serv	BOBJ1	20	50.6298	Before	Left Exterior Girder	4.9998	0.95	1	1	5.451384
EV3_serv	BOBJ1	20	50.6298	Before	Right Exterior Girder	4.9998	0.95	1	1	5.451384
EV3_serv	BOBJ1	21	50.6298	After	Left Exterior Girder	4.9998	0.95	1	1	3.614744
EV3_serv	BOBJ1	21	50.6298	After	Right Exterior Girder	4.9998	0.95	1	1	3.614744
EV3_serv	BOBJ1	22	51.4	Before	Left Exterior Girder	5.77	0.95	1	1	4.159857
EV3_serv	BOBJ1	22	51.4	Before	Interior Girder 1	5.77	0.95	1	1	4.112671
EV3_serv	BOBJ1	22	51.4	Before	Interior Girder 2	5.77	0.95	1	1	3.8015
EV3_serv	BOBJ1	22	51.4	Before	Interior Girder 3	5.77	0.95	1	1	3.532374
EV3_serv	BOBJ1	22	51.4	Before	Interior Girder 4	5.77	0.95	1	1	3.532374
EV3_serv	BOBJ1	22	51.4	Before	Interior Girder 5	5.77	0.95	1	1	3.8015
EV3_serv	BOBJ1	22	51.4	Before	Interior Girder 6	5.77	0.95	1	1	4.112671
EV3_serv	BOBJ1	22	51.4	Before	Right Exterior Girder	5.77	0.95	1	1	4.159857
EV3_serv	BOBJ1	23	51.4	After	Left Exterior Girder	5.77	0.95	1	1	4.086317
EV3_serv	BOBJ1	23	51.4	After	Interior Girder 1	5.77	0.95	1	1	4.180608
EV3_serv	BOBJ1	23	51.4	After	Interior Girder 2	5.77	0.95	1	1	3.84317
EV3_serv	BOBJ1	23	51.4	After	Interior Girder 3	5.77	0.95	1	1	3.565042
EV3_serv	BOBJ1	23	51.4	After	Interior Girder 4	5.77	0.95	1	1	3.565042
EV3_serv	BOBJ1	23	51.4	After	Interior Girder 5	5.77	0.95	1	1	3.84317
EV3_serv	BOBJ1	23	51.4	After	Interior Girder 6	5.77	0.95	1	1	4.180608
EV3_serv	BOBJ1	23	51.4	After	Right Exterior Girder	5.77	0.95	1	1	4.086317
EV3_serv	BOBJ1	24	57.17	Before	Left Exterior Girder	11.54	0.95	1	1	5.956295
EV3_serv	BOBJ1	24	57.17	Before	Interior Girder 1	11.54	0.95	1	1	5.527597
EV3_serv	BOBJ1	24	57.17	Before	Interior Girder 2	11.54	0.95	1	1	4.790574
EV3_serv	BOBJ1	24	57.17	Before	Interior Girder 3	11.54	0.95	1	1	4.590874
EV3_serv	BOBJ1	24	57.17	Before	Interior Girder 4	11.54	0.95	1	1	4.590874
EV3_serv	BOBJ1	24	57.17	Before	Interior Girder 5	11.54	0.95	1	1	4.790574
EV3_serv	BOBJ1	24	57.17	Before	Interior Girder 6	11.54	0.95	1	1	5.527597
EV3_serv	BOBJ1	24	57.17	Before	Right Exterior Girder	11.54	0.95	1	1	5.956295
EV3_serv	BOBJ1	25	57.17	After	Left Exterior Girder	11.54	0.95	1	1	5.911661
EV3_serv	BOBJ1	25	57.17	After	Interior Girder 1	11.54	0.95	1	1	5.467317
EV3_serv	BOBJ1	25	57.17	After	Interior Girder 2	11.54	0.95	1	1	4.771997
EV3_serv	BOBJ1	25	57.17	After	Interior Girder 3	11.54	0.95	1	1	4.65195
EV3_serv	BOBJ1	25	57.17	After	Interior Girder 4	11.54	0.95	1	1	4.65195
EV3_serv	BOBJ1	25	57.17	After	Interior Girder 5	11.54	0.95	1	1	4.771997
EV3_serv	BOBJ1	25	57.17	After	Interior Girder 6	11.54	0.95	1	1	5.467317
EV3_serv	BOBJ1	25	57.17	After	Right Exterior Girder	11.54	0.95	1	1	5.911661
EV3_serv	BOBJ1	26	63.34	Before	Left Exterior Girder	17.71	0.95	1	1	3.80316
EV3_serv	BOBJ1	26	63.34	Before	Interior Girder 1	17.71	0.95	1	1	2.851781
EV3_serv	BOBJ1	26	63.34	Before	Interior Girder 2	17.71	0.95	1	1	2.6648
EV3_serv	BOBJ1	26	63.34	Before	Interior Girder 3	17.71	0.95	1	1	2.549008
EV3_serv	BOBJ1	26	63.34	Before	Interior Girder 4	17.71	0.95	1	1	2.549008

TABLE: Bridge Super Rating AASHTORATE18 31 - SteelICompServ-Flx - Approach, Span 16-19										
Request	BridgeObj	BridgeCut	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	Unitless	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
EV3_serv	BOBJ1	26	63.34	Before	Interior Girder 5	17.71	0.95	1	1	2.6648
EV3_serv	BOBJ1	26	63.34	Before	Interior Girder 6	17.71	0.95	1	1	2.851781
EV3_serv	BOBJ1	26	63.34	Before	Right Exterior Girder	17.71	0.95	1	1	3.80316
EV3_serv	BOBJ1	27	63.34	After	Left Exterior Girder	17.71	0.95	1	1	3.896837
EV3_serv	BOBJ1	27	63.34	After	Interior Girder 1	17.71	0.95	1	1	2.809746
EV3_serv	BOBJ1	27	63.34	After	Interior Girder 2	17.71	0.95	1	1	2.651788
EV3_serv	BOBJ1	27	63.34	After	Interior Girder 3	17.71	0.95	1	1	2.575589
EV3_serv	BOBJ1	27	63.34	After	Interior Girder 4	17.71	0.95	1	1	2.575589
EV3_serv	BOBJ1	27	63.34	After	Interior Girder 5	17.71	0.95	1	1	2.651788
EV3_serv	BOBJ1	27	63.34	After	Interior Girder 6	17.71	0.95	1	1	2.809746
EV3_serv	BOBJ1	27	63.34	After	Right Exterior Girder	17.71	0.95	1	1	3.896837
EV3_serv	BOBJ1	28	69.51	Before	Left Exterior Girder	23.88	0.95	1	1	2.512367
EV3_serv	BOBJ1	28	69.51	Before	Interior Girder 1	23.88	0.95	1	1	2.06608
EV3_serv	BOBJ1	28	69.51	Before	Interior Girder 2	23.88	0.95	1	1	1.987513
EV3_serv	BOBJ1	28	69.51	Before	Interior Girder 3	23.88	0.95	1	1	1.938497
EV3_serv	BOBJ1	28	69.51	Before	Interior Girder 4	23.88	0.95	1	1	1.938497
EV3_serv	BOBJ1	28	69.51	Before	Interior Girder 5	23.88	0.95	1	1	1.987513
EV3_serv	BOBJ1	28	69.51	Before	Interior Girder 6	23.88	0.95	1	1	2.06608
EV3_serv	BOBJ1	28	69.51	Before	Right Exterior Girder	23.88	0.95	1	1	2.512367
EV3_serv	BOBJ1	29	69.51	After	Left Exterior Girder	23.88	0.95	1	1	2.524166
EV3_serv	BOBJ1	29	69.51	After	Interior Girder 1	23.88	0.95	1	1	2.064274
EV3_serv	BOBJ1	29	69.51	After	Interior Girder 2	23.88	0.95	1	1	1.997196
EV3_serv	BOBJ1	29	69.51	After	Interior Girder 3	23.88	0.95	1	1	1.950224
EV3_serv	BOBJ1	29	69.51	After	Interior Girder 4	23.88	0.95	1	1	1.950224
EV3_serv	BOBJ1	29	69.51	After	Interior Girder 5	23.88	0.95	1	1	1.997196
EV3_serv	BOBJ1	29	69.51	After	Interior Girder 6	23.88	0.95	1	1	2.064274
EV3_serv	BOBJ1	29	69.51	After	Right Exterior Girder	23.88	0.95	1	1	2.524166
EV3_serv	BOBJ1	30	75.68	Before	Left Exterior Girder	30.05	0.95	1	1	1.944031
EV3_serv	BOBJ1	30	75.68	Before	Interior Girder 1	30.05	0.95	1	1	1.89683
EV3_serv	BOBJ1	30	75.68	Before	Interior Girder 2	30.05	0.95	1	1	1.844831
EV3_serv	BOBJ1	30	75.68	Before	Interior Girder 3	30.05	0.95	1	1	1.857902
EV3_serv	BOBJ1	30	75.68	Before	Interior Girder 4	30.05	0.95	1	1	1.857902
EV3_serv	BOBJ1	30	75.68	Before	Interior Girder 5	30.05	0.95	1	1	1.844831
EV3_serv	BOBJ1	30	75.68	Before	Interior Girder 6	30.05	0.95	1	1	1.89683
EV3_serv	BOBJ1	30	75.68	Before	Right Exterior Girder	30.05	0.95	1	1	1.944031
EV3_serv	BOBJ1	31	75.68	After	Left Exterior Girder	30.05	0.95	1	1	1.955298
EV3_serv	BOBJ1	31	75.68	After	Interior Girder 1	30.05	0.95	1	1	1.891512
EV3_serv	BOBJ1	31	75.68	After	Interior Girder 2	30.05	0.95	1	1	1.839137
EV3_serv	BOBJ1	31	75.68	After	Interior Girder 3	30.05	0.95	1	1	1.853816
EV3_serv	BOBJ1	31	75.68	After	Interior Girder 4	30.05	0.95	1	1	1.853816
EV3_serv	BOBJ1	31	75.68	After	Interior Girder 5	30.05	0.95	1	1	1.839137
EV3_serv	BOBJ1	31	75.68	After	Interior Girder 6	30.05	0.95	1	1	1.891512
EV3_serv	BOBJ1	31	75.68	After	Right Exterior Girder	30.05	0.95	1	1	1.955298
EV3_serv	BOBJ1	32	81.8467	Before	Left Exterior Girder	36.2167	0.95	1	1	2.037656
EV3_serv	BOBJ1	32	81.8467	Before	Interior Girder 1	36.2167	0.95	1	1	1.757405
EV3_serv	BOBJ1	32	81.8467	Before	Interior Girder 2	36.2167	0.95	1	1	1.726274
EV3_serv	BOBJ1	32	81.8467	Before	Interior Girder 3	36.2167	0.95	1	1	1.698424
EV3_serv	BOBJ1	32	81.8467	Before	Interior Girder 4	36.2167	0.95	1	1	1.698424
EV3_serv	BOBJ1	32	81.8467	Before	Interior Girder 5	36.2167	0.95	1	1	1.726274
EV3_serv	BOBJ1	32	81.8467	Before	Interior Girder 6	36.2167	0.95	1	1	1.757405
EV3_serv	BOBJ1	32	81.8467	Before	Right Exterior Girder	36.2167	0.95	1	1	2.037656
EV3_serv	BOBJ1	33	81.8467	After	Left Exterior Girder	36.2167	0.95	1	1	2.047244
EV3_serv	BOBJ1	33	81.8467	After	Interior Girder 1	36.2167	0.95	1	1	1.750604
EV3_serv	BOBJ1	33	81.8467	After	Interior Girder 2	36.2167	0.95	1	1	1.717198
EV3_serv	BOBJ1	33	81.8467	After	Interior Girder 3	36.2167	0.95	1	1	1.691425
EV3_serv	BOBJ1	33	81.8467	After	Interior Girder 4	36.2167	0.95	1	1	1.691425
EV3_serv	BOBJ1	33	81.8467	After	Interior Girder 5	36.2167	0.95	1	1	1.717198
EV3_serv	BOBJ1	33	81.8467	After	Interior Girder 6	36.2167	0.95	1	1	1.750604
EV3_serv	BOBJ1	33	81.8467	After	Right Exterior Girder	36.2167	0.95	1	1	2.047244
EV3_serv	BOBJ1	34	88.0133	Before	Left Exterior Girder	42.3833	0.95	1	1	2.408593
EV3_serv	BOBJ1	34	88.0133	Before	Interior Girder 1	42.3833	0.95	1	1	1.978875
EV3_serv	BOBJ1	34	88.0133	Before	Interior Girder 2	42.3833	0.95	1	1	1.921877
EV3_serv	BOBJ1	34	88.0133	Before	Interior Girder 3	42.3833	0.95	1	1	1.889201
EV3_serv	BOBJ1	34	88.0133	Before	Interior Girder 4	42.3833	0.95	1	1	1.889201
EV3_serv	BOBJ1	34	88.0133	Before	Interior Girder 5	42.3833	0.95	1	1	1.921877
EV3_serv	BOBJ1	34	88.0133	Before	Interior Girder 6	42.3833	0.95	1	1	1.978875
EV3_serv	BOBJ1	34	88.0133	Before	Right Exterior Girder	42.3833	0.95	1	1	2.408593
EV3_serv	BOBJ1	35	88.0133	After	Left Exterior Girder	42.3833	0.95	1	1	2.365591
EV3_serv	BOBJ1	35	88.0133	After	Interior Girder 1	42.3833	0.95	1	1	2.002962
EV3_serv	BOBJ1	35	88.0133	After	Interior Girder 2	42.3833	0.95	1	1	1.934439
EV3_serv	BOBJ1	35	88.0133	After	Interior Girder 3	42.3833	0.95	1	1	1.886202
EV3_serv	BOBJ1	35	88.0133	After	Interior Girder 4	42.3833	0.95	1	1	1.886202
EV3_serv	BOBJ1	35	88.0133	After	Interior Girder 5	42.3833	0.95	1	1	1.934439

TABLE: Bridge Super Rating AASHTORATE18 31 - SteelICompServ-Flx - Approach, Span 16-19										
Request	BridgeObj	BridgeCut	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	Unitless	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
EV3_serv	BOBJ1	35	88.0133	After	Interior Girder 6	42.3833	0.95	1	1	2.002962
EV3_serv	BOBJ1	35	88.0133	After	Right Exterior Girder	42.3833	0.95	1	1	2.365591
EV3_serv	BOBJ1	36	94.18	Before	Left Exterior Girder	48.55	0.95	1	1	3.176464
EV3_serv	BOBJ1	36	94.18	Before	Interior Girder 1	48.55	0.95	1	1	2.857954
EV3_serv	BOBJ1	36	94.18	Before	Interior Girder 2	48.55	0.95	1	1	2.640939
EV3_serv	BOBJ1	36	94.18	Before	Interior Girder 3	48.55	0.95	1	1	2.612496
EV3_serv	BOBJ1	36	94.18	Before	Interior Girder 4	48.55	0.95	1	1	2.612496
EV3_serv	BOBJ1	36	94.18	Before	Interior Girder 5	48.55	0.95	1	1	2.640939
EV3_serv	BOBJ1	36	94.18	Before	Interior Girder 6	48.55	0.95	1	1	2.857954
EV3_serv	BOBJ1	36	94.18	Before	Right Exterior Girder	48.55	0.95	1	1	3.176464
EV3_serv	BOBJ1	37	94.18	After	Left Exterior Girder	48.55	0.95	1	1	3.120561
EV3_serv	BOBJ1	37	94.18	After	Interior Girder 1	48.55	0.95	1	1	2.886038
EV3_serv	BOBJ1	37	94.18	After	Interior Girder 2	48.55	0.95	1	1	2.651841
EV3_serv	BOBJ1	37	94.18	After	Interior Girder 3	48.55	0.95	1	1	2.596358
EV3_serv	BOBJ1	37	94.18	After	Interior Girder 4	48.55	0.95	1	1	2.596358
EV3_serv	BOBJ1	37	94.18	After	Interior Girder 5	48.55	0.95	1	1	2.651841
EV3_serv	BOBJ1	37	94.18	After	Interior Girder 6	48.55	0.95	1	1	2.886038
EV3_serv	BOBJ1	37	94.18	After	Right Exterior Girder	48.55	0.95	1	1	3.120561
EV3_serv	BOBJ1	38	100.3567	Before	Left Exterior Girder	54.7267	0.95	1	1	5.06301
EV3_serv	BOBJ1	38	100.3567	Before	Interior Girder 1	54.7267	0.95	1	1	4.31607
EV3_serv	BOBJ1	38	100.3567	Before	Interior Girder 2	54.7267	0.95	1	1	3.946665
EV3_serv	BOBJ1	38	100.3567	Before	Interior Girder 3	54.7267	0.95	1	1	3.787695
EV3_serv	BOBJ1	38	100.3567	Before	Interior Girder 4	54.7267	0.95	1	1	3.787695
EV3_serv	BOBJ1	38	100.3567	Before	Interior Girder 5	54.7267	0.95	1	1	3.946665
EV3_serv	BOBJ1	38	100.3567	Before	Interior Girder 6	54.7267	0.95	1	1	4.31607
EV3_serv	BOBJ1	38	100.3567	Before	Right Exterior Girder	54.7267	0.95	1	1	5.06301
EV3_serv	BOBJ1	39	100.3567	After	Left Exterior Girder	54.7267	0.95	1	1	5.124591
EV3_serv	BOBJ1	39	100.3567	After	Interior Girder 1	54.7267	0.95	1	1	4.311474
EV3_serv	BOBJ1	39	100.3567	After	Interior Girder 2	54.7267	0.95	1	1	3.920403
EV3_serv	BOBJ1	39	100.3567	After	Interior Girder 3	54.7267	0.95	1	1	3.686088
EV3_serv	BOBJ1	39	100.3567	After	Interior Girder 4	54.7267	0.95	1	1	3.686088
EV3_serv	BOBJ1	39	100.3567	After	Interior Girder 5	54.7267	0.95	1	1	3.920403
EV3_serv	BOBJ1	39	100.3567	After	Interior Girder 6	54.7267	0.95	1	1	4.311474
EV3_serv	BOBJ1	39	100.3567	After	Right Exterior Girder	54.7267	0.95	1	1	5.124591
EV3_serv	BOBJ1	40	106.5333	Before	Left Exterior Girder	60.9033	0.95	1	1	3.514944
EV3_serv	BOBJ1	40	106.5333	Before	Interior Girder 1	60.9033	0.95	1	1	3.664302
EV3_serv	BOBJ1	40	106.5333	Before	Interior Girder 2	60.9033	0.95	1	1	3.430079
EV3_serv	BOBJ1	40	106.5333	Before	Interior Girder 3	60.9033	0.95	1	1	3.239873
EV3_serv	BOBJ1	40	106.5333	Before	Interior Girder 4	60.9033	0.95	1	1	3.239873
EV3_serv	BOBJ1	40	106.5333	Before	Interior Girder 5	60.9033	0.95	1	1	3.430079
EV3_serv	BOBJ1	40	106.5333	Before	Interior Girder 6	60.9033	0.95	1	1	3.664302
EV3_serv	BOBJ1	40	106.5333	Before	Right Exterior Girder	60.9033	0.95	1	1	3.514944
EV3_serv	BOBJ1	41	106.5333	After	Left Exterior Girder	60.9033	0.95	1	1	3.589251
EV3_serv	BOBJ1	41	106.5333	After	Interior Girder 1	60.9033	0.95	1	1	3.582608
EV3_serv	BOBJ1	41	106.5333	After	Interior Girder 2	60.9033	0.95	1	1	3.352436
EV3_serv	BOBJ1	41	106.5333	After	Interior Girder 3	60.9033	0.95	1	1	3.167313
EV3_serv	BOBJ1	41	106.5333	After	Interior Girder 4	60.9033	0.95	1	1	3.167313
EV3_serv	BOBJ1	41	106.5333	After	Interior Girder 5	60.9033	0.95	1	1	3.352436
EV3_serv	BOBJ1	41	106.5333	After	Interior Girder 6	60.9033	0.95	1	1	3.582608
EV3_serv	BOBJ1	41	106.5333	After	Right Exterior Girder	60.9033	0.95	1	1	3.589251
EV3_serv	BOBJ1	42	108.2102	Before	Left Exterior Girder	62.5802	0.95	1	1	3.112461
EV3_serv	BOBJ1	42	108.2102	Before	Right Exterior Girder	62.5802	0.95	1	1	3.112461
EV3_serv	BOBJ1	43	108.2102	After	Left Exterior Girder	62.5802	0.95	1	1	4.556351
EV3_serv	BOBJ1	43	108.2102	After	Right Exterior Girder	62.5802	0.95	1	1	4.556351
EV3_serv	BOBJ1	44	112.71	Before	Left Exterior Girder	67.08	0.95	1	1	2.359624
EV3_serv	BOBJ1	44	112.71	Before	Interior Girder 1	67.08	0.95	1	1	1.675718
EV3_serv	BOBJ1	44	112.71	Before	Interior Girder 2	67.08	0.95	1	1	1.616628
EV3_serv	BOBJ1	44	112.71	Before	Interior Girder 3	67.08	0.95	1	1	1.37799
EV3_serv	BOBJ1	44	112.71	Before	Interior Girder 4	67.08	0.95	1	1	1.37799
EV3_serv	BOBJ1	44	112.71	Before	Interior Girder 5	67.08	0.95	1	1	1.616628
EV3_serv	BOBJ1	44	112.71	Before	Interior Girder 6	67.08	0.95	1	1	1.675718
EV3_serv	BOBJ1	44	112.71	Before	Right Exterior Girder	67.08	0.95	1	1	2.359624
EV3_serv	BOBJ1	45	112.71	After	Left Exterior Girder	0	0.95	1	1	2.388279
EV3_serv	BOBJ1	45	112.71	After	Interior Girder 1	0	0.95	1	1	1.908793
EV3_serv	BOBJ1	45	112.71	After	Interior Girder 2	0	0.95	1	1	1.752593
EV3_serv	BOBJ1	45	112.71	After	Interior Girder 3	0	0.95	1	1	1.497565
EV3_serv	BOBJ1	45	112.71	After	Interior Girder 4	0	0.95	1	1	1.497565
EV3_serv	BOBJ1	45	112.71	After	Interior Girder 5	0	0.95	1	1	1.752593
EV3_serv	BOBJ1	45	112.71	After	Interior Girder 6	0	0.95	1	1	1.908793
EV3_serv	BOBJ1	45	112.71	After	Right Exterior Girder	0	0.95	1	1	2.388279
EV3_serv	BOBJ1	46	117.21	Before	Left Exterior Girder	4.5	0.95	1	1	3.189708
EV3_serv	BOBJ1	46	117.21	Before	Right Exterior Girder	4.5	0.95	1	1	3.189708
EV3_serv	BOBJ1	47	117.21	After	Left Exterior Girder	4.5	0.95	1	1	2.172659

TABLE: Bridge Super Rating AASHTORATE18 31 - SteelICompServ-Flx - Approach, Span 16-19										
Request	BridgeObj	BridgeCut	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	Unitless	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
EV3_serv	BOBJ1	47	117.21	After	Right Exterior Girder	4.5	0.95	1	1	2.172659
EV3_serv	BOBJ1	48	119.1	Before	Left Exterior Girder	6.39	0.95	1	1	2.524054
EV3_serv	BOBJ1	48	119.1	Before	Interior Girder 1	6.39	0.95	1	1	2.677824
EV3_serv	BOBJ1	48	119.1	Before	Interior Girder 2	6.39	0.95	1	1	2.625487
EV3_serv	BOBJ1	48	119.1	Before	Interior Girder 3	6.39	0.95	1	1	2.550094
EV3_serv	BOBJ1	48	119.1	Before	Interior Girder 4	6.39	0.95	1	1	2.550094
EV3_serv	BOBJ1	48	119.1	Before	Interior Girder 5	6.39	0.95	1	1	2.625487
EV3_serv	BOBJ1	48	119.1	Before	Interior Girder 6	6.39	0.95	1	1	2.677824
EV3_serv	BOBJ1	48	119.1	Before	Right Exterior Girder	6.39	0.95	1	1	2.524054
EV3_serv	BOBJ1	49	119.1	After	Left Exterior Girder	6.39	0.95	1	1	2.484371
EV3_serv	BOBJ1	49	119.1	After	Interior Girder 1	6.39	0.95	1	1	2.72028
EV3_serv	BOBJ1	49	119.1	After	Interior Girder 2	6.39	0.95	1	1	2.661864
EV3_serv	BOBJ1	49	119.1	After	Interior Girder 3	6.39	0.95	1	1	2.564946
EV3_serv	BOBJ1	49	119.1	After	Interior Girder 4	6.39	0.95	1	1	2.564946
EV3_serv	BOBJ1	49	119.1	After	Interior Girder 5	6.39	0.95	1	1	2.661864
EV3_serv	BOBJ1	49	119.1	After	Interior Girder 6	6.39	0.95	1	1	2.72028
EV3_serv	BOBJ1	49	119.1	After	Right Exterior Girder	6.39	0.95	1	1	2.484371
EV3_serv	BOBJ1	50	125.49	Before	Left Exterior Girder	12.78	0.95	1	1	3.671507
EV3_serv	BOBJ1	50	125.49	Before	Interior Girder 1	12.78	0.95	1	1	3.63901
EV3_serv	BOBJ1	50	125.49	Before	Interior Girder 2	12.78	0.95	1	1	3.654437
EV3_serv	BOBJ1	50	125.49	Before	Interior Girder 3	12.78	0.95	1	1	3.59158
EV3_serv	BOBJ1	50	125.49	Before	Interior Girder 4	12.78	0.95	1	1	3.59158
EV3_serv	BOBJ1	50	125.49	Before	Interior Girder 5	12.78	0.95	1	1	3.654437
EV3_serv	BOBJ1	50	125.49	Before	Interior Girder 6	12.78	0.95	1	1	3.63901
EV3_serv	BOBJ1	50	125.49	Before	Right Exterior Girder	12.78	0.95	1	1	3.671507
EV3_serv	BOBJ1	51	125.49	After	Left Exterior Girder	12.78	0.95	1	1	3.634999
EV3_serv	BOBJ1	51	125.49	After	Interior Girder 1	12.78	0.95	1	1	3.680807
EV3_serv	BOBJ1	51	125.49	After	Interior Girder 2	12.78	0.95	1	1	3.680893
EV3_serv	BOBJ1	51	125.49	After	Interior Girder 3	12.78	0.95	1	1	3.697648
EV3_serv	BOBJ1	51	125.49	After	Interior Girder 4	12.78	0.95	1	1	3.697648
EV3_serv	BOBJ1	51	125.49	After	Interior Girder 5	12.78	0.95	1	1	3.680893
EV3_serv	BOBJ1	51	125.49	After	Interior Girder 6	12.78	0.95	1	1	3.680807
EV3_serv	BOBJ1	51	125.49	After	Right Exterior Girder	12.78	0.95	1	1	3.634999
EV3_serv	BOBJ1	52	131.88	Before	Left Exterior Girder	19.17	0.95	1	1	3.339854
EV3_serv	BOBJ1	52	131.88	Before	Interior Girder 1	19.17	0.95	1	1	3.100381
EV3_serv	BOBJ1	52	131.88	Before	Interior Girder 2	19.17	0.95	1	1	2.826157
EV3_serv	BOBJ1	52	131.88	Before	Interior Girder 3	19.17	0.95	1	1	2.742776
EV3_serv	BOBJ1	52	131.88	Before	Interior Girder 4	19.17	0.95	1	1	2.742776
EV3_serv	BOBJ1	52	131.88	Before	Interior Girder 5	19.17	0.95	1	1	2.826157
EV3_serv	BOBJ1	52	131.88	Before	Interior Girder 6	19.17	0.95	1	1	3.100381
EV3_serv	BOBJ1	52	131.88	Before	Right Exterior Girder	19.17	0.95	1	1	3.339854
EV3_serv	BOBJ1	53	131.88	After	Left Exterior Girder	19.17	0.95	1	1	3.367362
EV3_serv	BOBJ1	53	131.88	After	Interior Girder 1	19.17	0.95	1	1	3.083955
EV3_serv	BOBJ1	53	131.88	After	Interior Girder 2	19.17	0.95	1	1	2.819637
EV3_serv	BOBJ1	53	131.88	After	Interior Girder 3	19.17	0.95	1	1	2.756191
EV3_serv	BOBJ1	53	131.88	After	Interior Girder 4	19.17	0.95	1	1	2.756191
EV3_serv	BOBJ1	53	131.88	After	Interior Girder 5	19.17	0.95	1	1	2.819637
EV3_serv	BOBJ1	53	131.88	After	Interior Girder 6	19.17	0.95	1	1	3.083955
EV3_serv	BOBJ1	53	131.88	After	Right Exterior Girder	19.17	0.95	1	1	3.367362
EV3_serv	BOBJ1	54	138.27	Before	Left Exterior Girder	25.56	0.95	1	1	2.993711
EV3_serv	BOBJ1	54	138.27	Before	Interior Girder 1	25.56	0.95	1	1	2.42459
EV3_serv	BOBJ1	54	138.27	Before	Interior Girder 2	25.56	0.95	1	1	2.291124
EV3_serv	BOBJ1	54	138.27	Before	Interior Girder 3	25.56	0.95	1	1	2.194075
EV3_serv	BOBJ1	54	138.27	Before	Interior Girder 4	25.56	0.95	1	1	2.194075
EV3_serv	BOBJ1	54	138.27	Before	Interior Girder 5	25.56	0.95	1	1	2.291124
EV3_serv	BOBJ1	54	138.27	Before	Interior Girder 6	25.56	0.95	1	1	2.42459
EV3_serv	BOBJ1	54	138.27	Before	Right Exterior Girder	25.56	0.95	1	1	2.993711
EV3_serv	BOBJ1	55	138.27	After	Left Exterior Girder	25.56	0.95	1	1	3.028539
EV3_serv	BOBJ1	55	138.27	After	Interior Girder 1	25.56	0.95	1	1	2.406542
EV3_serv	BOBJ1	55	138.27	After	Interior Girder 2	25.56	0.95	1	1	2.279035
EV3_serv	BOBJ1	55	138.27	After	Interior Girder 3	25.56	0.95	1	1	2.194039
EV3_serv	BOBJ1	55	138.27	After	Interior Girder 4	25.56	0.95	1	1	2.194039
EV3_serv	BOBJ1	55	138.27	After	Interior Girder 5	25.56	0.95	1	1	2.279035
EV3_serv	BOBJ1	55	138.27	After	Interior Girder 6	25.56	0.95	1	1	2.406542
EV3_serv	BOBJ1	55	138.27	After	Right Exterior Girder	25.56	0.95	1	1	3.028539
EV3_serv	BOBJ1	56	144.66	Before	Left Exterior Girder	31.95	0.95	1	1	3.090322
EV3_serv	BOBJ1	56	144.66	Before	Interior Girder 1	31.95	0.95	1	1	2.42735
EV3_serv	BOBJ1	56	144.66	Before	Interior Girder 2	31.95	0.95	1	1	2.299201
EV3_serv	BOBJ1	56	144.66	Before	Interior Girder 3	31.95	0.95	1	1	2.213507
EV3_serv	BOBJ1	56	144.66	Before	Interior Girder 4	31.95	0.95	1	1	2.213507
EV3_serv	BOBJ1	56	144.66	Before	Interior Girder 5	31.95	0.95	1	1	2.299201
EV3_serv	BOBJ1	56	144.66	Before	Interior Girder 6	31.95	0.95	1	1	2.42735
EV3_serv	BOBJ1	56	144.66	Before	Right Exterior Girder	31.95	0.95	1	1	3.090322

TABLE: Bridge Super Rating AASHTORATE18 31 - SteelICompServ-Flx - Approach, Span 16-19										
Request	BridgeObj	BridgeCut	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	Unitless	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
EV3_serv	BOBJ1	57	144.66	After	Left Exterior Girder	31.95	0.95	1	1	3.052562
EV3_serv	BOBJ1	57	144.66	After	Interior Girder 1	31.95	0.95	1	1	2.449928
EV3_serv	BOBJ1	57	144.66	After	Interior Girder 2	31.95	0.95	1	1	2.310309
EV3_serv	BOBJ1	57	144.66	After	Interior Girder 3	31.95	0.95	1	1	2.210455
EV3_serv	BOBJ1	57	144.66	After	Interior Girder 4	31.95	0.95	1	1	2.210455
EV3_serv	BOBJ1	57	144.66	After	Interior Girder 5	31.95	0.95	1	1	2.310309
EV3_serv	BOBJ1	57	144.66	After	Interior Girder 6	31.95	0.95	1	1	2.449928
EV3_serv	BOBJ1	57	144.66	After	Right Exterior Girder	31.95	0.95	1	1	3.052562
EV3_serv	BOBJ1	58	151.05	Before	Left Exterior Girder	38.34	0.95	1	1	3.582311
EV3_serv	BOBJ1	58	151.05	Before	Interior Girder 1	38.34	0.95	1	1	3.172959
EV3_serv	BOBJ1	58	151.05	Before	Interior Girder 2	38.34	0.95	1	1	2.892833
EV3_serv	BOBJ1	58	151.05	Before	Interior Girder 3	38.34	0.95	1	1	2.820289
EV3_serv	BOBJ1	58	151.05	Before	Interior Girder 4	38.34	0.95	1	1	2.820289
EV3_serv	BOBJ1	58	151.05	Before	Interior Girder 5	38.34	0.95	1	1	2.892833
EV3_serv	BOBJ1	58	151.05	Before	Interior Girder 6	38.34	0.95	1	1	3.172959
EV3_serv	BOBJ1	58	151.05	Before	Right Exterior Girder	38.34	0.95	1	1	3.582311
EV3_serv	BOBJ1	59	151.05	After	Left Exterior Girder	38.34	0.95	1	1	3.544518
EV3_serv	BOBJ1	59	151.05	After	Interior Girder 1	38.34	0.95	1	1	3.196586
EV3_serv	BOBJ1	59	151.05	After	Interior Girder 2	38.34	0.95	1	1	2.898979
EV3_serv	BOBJ1	59	151.05	After	Interior Girder 3	38.34	0.95	1	1	2.801719
EV3_serv	BOBJ1	59	151.05	After	Interior Girder 4	38.34	0.95	1	1	2.801719
EV3_serv	BOBJ1	59	151.05	After	Interior Girder 5	38.34	0.95	1	1	2.898979
EV3_serv	BOBJ1	59	151.05	After	Interior Girder 6	38.34	0.95	1	1	3.196586
EV3_serv	BOBJ1	59	151.05	After	Right Exterior Girder	38.34	0.95	1	1	3.544518
EV3_serv	BOBJ1	60	157.4367	Before	Left Exterior Girder	44.7267	0.95	1	1	3.701113
EV3_serv	BOBJ1	60	157.4367	Before	Interior Girder 1	44.7267	0.95	1	1	3.87837
EV3_serv	BOBJ1	60	157.4367	Before	Interior Girder 2	44.7267	0.95	1	1	3.782642
EV3_serv	BOBJ1	60	157.4367	Before	Interior Girder 3	44.7267	0.95	1	1	3.806585
EV3_serv	BOBJ1	60	157.4367	Before	Interior Girder 4	44.7267	0.95	1	1	3.806585
EV3_serv	BOBJ1	60	157.4367	Before	Interior Girder 5	44.7267	0.95	1	1	3.782642
EV3_serv	BOBJ1	60	157.4367	Before	Interior Girder 6	44.7267	0.95	1	1	3.87837
EV3_serv	BOBJ1	60	157.4367	Before	Right Exterior Girder	44.7267	0.95	1	1	3.701113
EV3_serv	BOBJ1	61	157.4367	After	Left Exterior Girder	44.7267	0.95	1	1	3.732504
EV3_serv	BOBJ1	61	157.4367	After	Interior Girder 1	44.7267	0.95	1	1	3.84746
EV3_serv	BOBJ1	61	157.4367	After	Interior Girder 2	44.7267	0.95	1	1	3.766323
EV3_serv	BOBJ1	61	157.4367	After	Interior Girder 3	44.7267	0.95	1	1	3.8015
EV3_serv	BOBJ1	61	157.4367	After	Interior Girder 4	44.7267	0.95	1	1	3.8015
EV3_serv	BOBJ1	61	157.4367	After	Interior Girder 5	44.7267	0.95	1	1	3.766323
EV3_serv	BOBJ1	61	157.4367	After	Interior Girder 6	44.7267	0.95	1	1	3.84746
EV3_serv	BOBJ1	61	157.4367	After	Right Exterior Girder	44.7267	0.95	1	1	3.732504
EV3_serv	BOBJ1	62	158.71	Before	Left Exterior Girder	46	0.95	1	1	3.457442
EV3_serv	BOBJ1	62	158.71	Before	Interior Girder 1	46	0.95	1	1	3.65482
EV3_serv	BOBJ1	62	158.71	Before	Interior Girder 2	46	0.95	1	1	3.538451
EV3_serv	BOBJ1	62	158.71	Before	Interior Girder 3	46	0.95	1	1	3.529538
EV3_serv	BOBJ1	62	158.71	Before	Interior Girder 4	46	0.95	1	1	3.529538
EV3_serv	BOBJ1	62	158.71	Before	Interior Girder 5	46	0.95	1	1	3.538451
EV3_serv	BOBJ1	62	158.71	Before	Interior Girder 6	46	0.95	1	1	3.65482
EV3_serv	BOBJ1	62	158.71	Before	Right Exterior Girder	46	0.95	1	1	3.457442
EV3_serv	BOBJ1	63	158.71	After	Left Exterior Girder	46	0.95	1	1	4.712293
EV3_serv	BOBJ1	63	158.71	After	Interior Girder 1	46	0.95	1	1	4.573288
EV3_serv	BOBJ1	63	158.71	After	Interior Girder 2	46	0.95	1	1	4.415013
EV3_serv	BOBJ1	63	158.71	After	Interior Girder 3	46	0.95	1	1	4.427595
EV3_serv	BOBJ1	63	158.71	After	Interior Girder 4	46	0.95	1	1	4.427595
EV3_serv	BOBJ1	63	158.71	After	Interior Girder 5	46	0.95	1	1	4.415013
EV3_serv	BOBJ1	63	158.71	After	Interior Girder 6	46	0.95	1	1	4.573288
EV3_serv	BOBJ1	63	158.71	After	Right Exterior Girder	46	0.95	1	1	4.712293
EV3_serv	BOBJ1	64	163.8233	Before	Left Exterior Girder	51.1133	0.95	1	1	3.575136
EV3_serv	BOBJ1	64	163.8233	Before	Interior Girder 1	51.1133	0.95	1	1	3.683846
EV3_serv	BOBJ1	64	163.8233	Before	Interior Girder 2	51.1133	0.95	1	1	3.496515
EV3_serv	BOBJ1	64	163.8233	Before	Interior Girder 3	51.1133	0.95	1	1	3.335503
EV3_serv	BOBJ1	64	163.8233	Before	Interior Girder 4	51.1133	0.95	1	1	3.335503
EV3_serv	BOBJ1	64	163.8233	Before	Interior Girder 5	51.1133	0.95	1	1	3.496515
EV3_serv	BOBJ1	64	163.8233	Before	Interior Girder 6	51.1133	0.95	1	1	3.683846
EV3_serv	BOBJ1	64	163.8233	Before	Right Exterior Girder	51.1133	0.95	1	1	3.575136
EV3_serv	BOBJ1	65	163.8233	After	Left Exterior Girder	51.1133	0.95	1	1	3.627418
EV3_serv	BOBJ1	65	163.8233	After	Interior Girder 1	51.1133	0.95	1	1	3.607865
EV3_serv	BOBJ1	65	163.8233	After	Interior Girder 2	51.1133	0.95	1	1	3.435874
EV3_serv	BOBJ1	65	163.8233	After	Interior Girder 3	51.1133	0.95	1	1	3.276489
EV3_serv	BOBJ1	65	163.8233	After	Interior Girder 4	51.1133	0.95	1	1	3.276489
EV3_serv	BOBJ1	65	163.8233	After	Interior Girder 5	51.1133	0.95	1	1	3.435874
EV3_serv	BOBJ1	65	163.8233	After	Interior Girder 6	51.1133	0.95	1	1	3.607865
EV3_serv	BOBJ1	65	163.8233	After	Right Exterior Girder	51.1133	0.95	1	1	3.627418
EV3_serv	BOBJ1	66	164.71	Before	Left Exterior Girder	52	0.95	1	1	3.435422

TABLE: Bridge Super Rating AASHTORATE18 31 - SteelICompServ-Flx - Approach, Span 16-19										
Request	BridgeObj	BridgeCut	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	Unitless	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
EV3_serv	BOBJ1	66	164.71	Before	Right Exterior Girder	52	0.95	1	1	3.435422
EV3_serv	BOBJ1	67	164.71	After	Left Exterior Girder	52	0.95	1	1	5.176095
EV3_serv	BOBJ1	67	164.71	After	Right Exterior Girder	52	0.95	1	1	5.176095
EV3_serv	BOBJ1	68	170.21	Before	Left Exterior Girder	57.5	0.95	1	1	3.921355
EV3_serv	BOBJ1	68	170.21	Before	Interior Girder 1	57.5	0.95	1	1	2.441442
EV3_serv	BOBJ1	68	170.21	Before	Interior Girder 2	57.5	0.95	1	1	2.24875
EV3_serv	BOBJ1	68	170.21	Before	Interior Girder 3	57.5	0.95	1	1	1.855953
EV3_serv	BOBJ1	68	170.21	Before	Interior Girder 4	57.5	0.95	1	1	1.855953
EV3_serv	BOBJ1	68	170.21	Before	Interior Girder 5	57.5	0.95	1	1	2.24875
EV3_serv	BOBJ1	68	170.21	Before	Interior Girder 6	57.5	0.95	1	1	2.441442
EV3_serv	BOBJ1	68	170.21	Before	Right Exterior Girder	57.5	0.95	1	1	3.921355
EV3_serv	BOBJ1	69	170.21	After	Left Exterior Girder	0	0.95	1	1	3.947895
EV3_serv	BOBJ1	69	170.21	After	Interior Girder 1	0	0.95	1	1	2.362043
EV3_serv	BOBJ1	69	170.21	After	Interior Girder 2	0	0.95	1	1	2.206177
EV3_serv	BOBJ1	69	170.21	After	Interior Girder 3	0	0.95	1	1	1.853956
EV3_serv	BOBJ1	69	170.21	After	Interior Girder 4	0	0.95	1	1	1.853956
EV3_serv	BOBJ1	69	170.21	After	Interior Girder 5	0	0.95	1	1	2.206177
EV3_serv	BOBJ1	69	170.21	After	Interior Girder 6	0	0.95	1	1	2.362043
EV3_serv	BOBJ1	69	170.21	After	Right Exterior Girder	0	0.95	1	1	3.947895
EV3_serv	BOBJ1	70	176.21	Before	Left Exterior Girder	6	0.95	1	1	5.990187
EV3_serv	BOBJ1	70	176.21	Before	Right Exterior Girder	6	0.95	1	1	5.990187
EV3_serv	BOBJ1	71	176.21	After	Left Exterior Girder	6	0.95	1	1	4.036792
EV3_serv	BOBJ1	71	176.21	After	Right Exterior Girder	6	0.95	1	1	4.036792
EV3_serv	BOBJ1	72	176.6	Before	Left Exterior Girder	6.39	0.95	1	1	4.135884
EV3_serv	BOBJ1	72	176.6	Before	Interior Girder 1	6.39	0.95	1	1	3.990417
EV3_serv	BOBJ1	72	176.6	Before	Interior Girder 2	6.39	0.95	1	1	3.730858
EV3_serv	BOBJ1	72	176.6	Before	Interior Girder 3	6.39	0.95	1	1	3.543922
EV3_serv	BOBJ1	72	176.6	Before	Interior Girder 4	6.39	0.95	1	1	3.543922
EV3_serv	BOBJ1	72	176.6	Before	Interior Girder 5	6.39	0.95	1	1	3.730858
EV3_serv	BOBJ1	72	176.6	Before	Interior Girder 6	6.39	0.95	1	1	3.990417
EV3_serv	BOBJ1	72	176.6	Before	Right Exterior Girder	6.39	0.95	1	1	4.135884
EV3_serv	BOBJ1	73	176.6	After	Left Exterior Girder	6.39	0.95	1	1	4.055719
EV3_serv	BOBJ1	73	176.6	After	Interior Girder 1	6.39	0.95	1	1	4.087726
EV3_serv	BOBJ1	73	176.6	After	Interior Girder 2	6.39	0.95	1	1	3.809269
EV3_serv	BOBJ1	73	176.6	After	Interior Girder 3	6.39	0.95	1	1	3.618061
EV3_serv	BOBJ1	73	176.6	After	Interior Girder 4	6.39	0.95	1	1	3.618061
EV3_serv	BOBJ1	73	176.6	After	Interior Girder 5	6.39	0.95	1	1	3.809269
EV3_serv	BOBJ1	73	176.6	After	Interior Girder 6	6.39	0.95	1	1	4.087726
EV3_serv	BOBJ1	73	176.6	After	Right Exterior Girder	6.39	0.95	1	1	4.055719
EV3_serv	BOBJ1	74	182.99	Before	Left Exterior Girder	12.78	0.95	1	1	5.616282
EV3_serv	BOBJ1	74	182.99	Before	Interior Girder 1	12.78	0.95	1	1	4.545744
EV3_serv	BOBJ1	74	182.99	Before	Interior Girder 2	12.78	0.95	1	1	4.135449
EV3_serv	BOBJ1	74	182.99	Before	Interior Girder 3	12.78	0.95	1	1	3.957795
EV3_serv	BOBJ1	74	182.99	Before	Interior Girder 4	12.78	0.95	1	1	3.957795
EV3_serv	BOBJ1	74	182.99	Before	Interior Girder 5	12.78	0.95	1	1	4.135449
EV3_serv	BOBJ1	74	182.99	Before	Interior Girder 6	12.78	0.95	1	1	4.545744
EV3_serv	BOBJ1	74	182.99	Before	Right Exterior Girder	12.78	0.95	1	1	5.616282
EV3_serv	BOBJ1	75	182.99	After	Left Exterior Girder	12.78	0.95	1	1	5.575352
EV3_serv	BOBJ1	75	182.99	After	Interior Girder 1	12.78	0.95	1	1	4.556372
EV3_serv	BOBJ1	75	182.99	After	Interior Girder 2	12.78	0.95	1	1	4.176268
EV3_serv	BOBJ1	75	182.99	After	Interior Girder 3	12.78	0.95	1	1	4.092104
EV3_serv	BOBJ1	75	182.99	After	Interior Girder 4	12.78	0.95	1	1	4.092104
EV3_serv	BOBJ1	75	182.99	After	Interior Girder 5	12.78	0.95	1	1	4.176268
EV3_serv	BOBJ1	75	182.99	After	Interior Girder 6	12.78	0.95	1	1	4.556372
EV3_serv	BOBJ1	75	182.99	After	Right Exterior Girder	12.78	0.95	1	1	5.575352
EV3_serv	BOBJ1	76	189.38	Before	Left Exterior Girder	19.17	0.95	1	1	3.511298
EV3_serv	BOBJ1	76	189.38	Before	Interior Girder 1	19.17	0.95	1	1	3.100467
EV3_serv	BOBJ1	76	189.38	Before	Interior Girder 2	19.17	0.95	1	1	2.841101
EV3_serv	BOBJ1	76	189.38	Before	Interior Girder 3	19.17	0.95	1	1	2.781651
EV3_serv	BOBJ1	76	189.38	Before	Interior Girder 4	19.17	0.95	1	1	2.781651
EV3_serv	BOBJ1	76	189.38	Before	Interior Girder 5	19.17	0.95	1	1	2.841101
EV3_serv	BOBJ1	76	189.38	Before	Interior Girder 6	19.17	0.95	1	1	3.100467
EV3_serv	BOBJ1	76	189.38	Before	Right Exterior Girder	19.17	0.95	1	1	3.511298
EV3_serv	BOBJ1	77	189.38	After	Left Exterior Girder	19.17	0.95	1	1	3.559454
EV3_serv	BOBJ1	77	189.38	After	Interior Girder 1	19.17	0.95	1	1	3.072948
EV3_serv	BOBJ1	77	189.38	After	Interior Girder 2	19.17	0.95	1	1	2.835008
EV3_serv	BOBJ1	77	189.38	After	Interior Girder 3	19.17	0.95	1	1	2.797697
EV3_serv	BOBJ1	77	189.38	After	Interior Girder 4	19.17	0.95	1	1	2.797697
EV3_serv	BOBJ1	77	189.38	After	Interior Girder 5	19.17	0.95	1	1	2.835008
EV3_serv	BOBJ1	77	189.38	After	Interior Girder 6	19.17	0.95	1	1	3.072948
EV3_serv	BOBJ1	77	189.38	After	Right Exterior Girder	19.17	0.95	1	1	3.559454
EV3_serv	BOBJ1	78	195.77	Before	Left Exterior Girder	25.56	0.95	1	1	2.736299
EV3_serv	BOBJ1	78	195.77	Before	Interior Girder 1	25.56	0.95	1	1	2.18957

TABLE: Bridge Super Rating AASHTORATE18 31 - SteelICompServ-Flx - Approach, Span 16-19										
Request	BridgeObj	BridgeCut	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	Unitless	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
EV3_serv	BOBJ1	78	195.77	Before	Interior Girder 2	25.56	0.95	1	1	2.093325
EV3_serv	BOBJ1	78	195.77	Before	Interior Girder 3	25.56	0.95	1	1	2.037684
EV3_serv	BOBJ1	78	195.77	Before	Interior Girder 4	25.56	0.95	1	1	2.037684
EV3_serv	BOBJ1	78	195.77	Before	Interior Girder 5	25.56	0.95	1	1	2.093325
EV3_serv	BOBJ1	78	195.77	Before	Interior Girder 6	25.56	0.95	1	1	2.18957
EV3_serv	BOBJ1	78	195.77	Before	Right Exterior Girder	25.56	0.95	1	1	2.736299
EV3_serv	BOBJ1	79	195.77	After	Left Exterior Girder	25.56	0.95	1	1	2.776315
EV3_serv	BOBJ1	79	195.77	After	Interior Girder 1	25.56	0.95	1	1	2.163696
EV3_serv	BOBJ1	79	195.77	After	Interior Girder 2	25.56	0.95	1	1	2.083998
EV3_serv	BOBJ1	79	195.77	After	Interior Girder 3	25.56	0.95	1	1	2.04185
EV3_serv	BOBJ1	79	195.77	After	Interior Girder 4	25.56	0.95	1	1	2.04185
EV3_serv	BOBJ1	79	195.77	After	Interior Girder 5	25.56	0.95	1	1	2.083998
EV3_serv	BOBJ1	79	195.77	After	Interior Girder 6	25.56	0.95	1	1	2.163696
EV3_serv	BOBJ1	79	195.77	After	Right Exterior Girder	25.56	0.95	1	1	2.776315
EV3_serv	BOBJ1	80	202.16	Before	Left Exterior Girder	31.95	0.95	1	1	2.429064
EV3_serv	BOBJ1	80	202.16	Before	Interior Girder 1	31.95	0.95	1	1	1.944794
EV3_serv	BOBJ1	80	202.16	Before	Interior Girder 2	31.95	0.95	1	1	1.880938
EV3_serv	BOBJ1	80	202.16	Before	Interior Girder 3	31.95	0.95	1	1	1.840105
EV3_serv	BOBJ1	80	202.16	Before	Interior Girder 4	31.95	0.95	1	1	1.840105
EV3_serv	BOBJ1	80	202.16	Before	Interior Girder 5	31.95	0.95	1	1	1.880938
EV3_serv	BOBJ1	80	202.16	Before	Interior Girder 6	31.95	0.95	1	1	1.944794
EV3_serv	BOBJ1	80	202.16	Before	Right Exterior Girder	31.95	0.95	1	1	2.429064
EV3_serv	BOBJ1	81	202.16	After	Left Exterior Girder	31.95	0.95	1	1	2.408436
EV3_serv	BOBJ1	81	202.16	After	Interior Girder 1	31.95	0.95	1	1	1.95409
EV3_serv	BOBJ1	81	202.16	After	Interior Girder 2	31.95	0.95	1	1	1.894222
EV3_serv	BOBJ1	81	202.16	After	Interior Girder 3	31.95	0.95	1	1	1.848406
EV3_serv	BOBJ1	81	202.16	After	Interior Girder 4	31.95	0.95	1	1	1.848406
EV3_serv	BOBJ1	81	202.16	After	Interior Girder 5	31.95	0.95	1	1	1.894222
EV3_serv	BOBJ1	81	202.16	After	Interior Girder 6	31.95	0.95	1	1	1.95409
EV3_serv	BOBJ1	81	202.16	After	Right Exterior Girder	31.95	0.95	1	1	2.408436
EV3_serv	BOBJ1	82	208.55	Before	Left Exterior Girder	38.34	0.95	1	1	2.365449
EV3_serv	BOBJ1	82	208.55	Before	Interior Girder 1	38.34	0.95	1	1	2.127761
EV3_serv	BOBJ1	82	208.55	Before	Interior Girder 2	38.34	0.95	1	1	2.033425
EV3_serv	BOBJ1	82	208.55	Before	Interior Girder 3	38.34	0.95	1	1	2.016083
EV3_serv	BOBJ1	82	208.55	Before	Interior Girder 4	38.34	0.95	1	1	2.016083
EV3_serv	BOBJ1	82	208.55	Before	Interior Girder 5	38.34	0.95	1	1	2.033425
EV3_serv	BOBJ1	82	208.55	Before	Interior Girder 6	38.34	0.95	1	1	2.127761
EV3_serv	BOBJ1	82	208.55	Before	Right Exterior Girder	38.34	0.95	1	1	2.365449
EV3_serv	BOBJ1	83	208.55	After	Left Exterior Girder	38.34	0.95	1	1	2.344151
EV3_serv	BOBJ1	83	208.55	After	Interior Girder 1	38.34	0.95	1	1	2.140115
EV3_serv	BOBJ1	83	208.55	After	Interior Girder 2	38.34	0.95	1	1	2.033692
EV3_serv	BOBJ1	83	208.55	After	Interior Girder 3	38.34	0.95	1	1	2.013724
EV3_serv	BOBJ1	83	208.55	After	Interior Girder 4	38.34	0.95	1	1	2.013724
EV3_serv	BOBJ1	83	208.55	After	Interior Girder 5	38.34	0.95	1	1	2.033692
EV3_serv	BOBJ1	83	208.55	After	Interior Girder 6	38.34	0.95	1	1	2.140115
EV3_serv	BOBJ1	83	208.55	After	Right Exterior Girder	38.34	0.95	1	1	2.344151
EV3_serv	BOBJ1	84	215.1233	Before	Left Exterior Girder	44.9133	0.95	1	1	3.19444
EV3_serv	BOBJ1	84	215.1233	Before	Interior Girder 1	44.9133	0.95	1	1	2.432351
EV3_serv	BOBJ1	84	215.1233	Before	Interior Girder 2	44.9133	0.95	1	1	2.331302
EV3_serv	BOBJ1	84	215.1233	Before	Interior Girder 3	44.9133	0.95	1	1	2.239988
EV3_serv	BOBJ1	84	215.1233	Before	Interior Girder 4	44.9133	0.95	1	1	2.239988
EV3_serv	BOBJ1	84	215.1233	Before	Interior Girder 5	44.9133	0.95	1	1	2.331302
EV3_serv	BOBJ1	84	215.1233	Before	Interior Girder 6	44.9133	0.95	1	1	2.432351
EV3_serv	BOBJ1	84	215.1233	Before	Right Exterior Girder	44.9133	0.95	1	1	3.19444
EV3_serv	BOBJ1	85	215.1233	After	Left Exterior Girder	44.9133	0.95	1	1	3.184087
EV3_serv	BOBJ1	85	215.1233	After	Interior Girder 1	44.9133	0.95	1	1	2.434707
EV3_serv	BOBJ1	85	215.1233	After	Interior Girder 2	44.9133	0.95	1	1	2.298024
EV3_serv	BOBJ1	85	215.1233	After	Interior Girder 3	44.9133	0.95	1	1	2.197818
EV3_serv	BOBJ1	85	215.1233	After	Interior Girder 4	44.9133	0.95	1	1	2.197818
EV3_serv	BOBJ1	85	215.1233	After	Interior Girder 5	44.9133	0.95	1	1	2.298024
EV3_serv	BOBJ1	85	215.1233	After	Interior Girder 6	44.9133	0.95	1	1	2.434707
EV3_serv	BOBJ1	85	215.1233	After	Right Exterior Girder	44.9133	0.95	1	1	3.184087
EV3_serv	BOBJ1	86	221.6967	Before	Left Exterior Girder	51.4867	0.95	1	1	6.319622
EV3_serv	BOBJ1	86	221.6967	Before	Interior Girder 1	51.4867	0.95	1	1	3.904496
EV3_serv	BOBJ1	86	221.6967	Before	Interior Girder 2	51.4867	0.95	1	1	3.720903
EV3_serv	BOBJ1	86	221.6967	Before	Interior Girder 3	51.4867	0.95	1	1	3.317087
EV3_serv	BOBJ1	86	221.6967	Before	Interior Girder 4	51.4867	0.95	1	1	3.317087
EV3_serv	BOBJ1	86	221.6967	Before	Interior Girder 5	51.4867	0.95	1	1	3.720903
EV3_serv	BOBJ1	86	221.6967	Before	Interior Girder 6	51.4867	0.95	1	1	3.904496
EV3_serv	BOBJ1	86	221.6967	Before	Right Exterior Girder	51.4867	0.95	1	1	6.319622
EV3_serv	BOBJ1	87	221.6967	After	Left Exterior Girder	51.4867	0.95	1	1	6.307106
EV3_serv	BOBJ1	87	221.6967	After	Interior Girder 1	51.4867	0.95	1	1	3.913539
EV3_serv	BOBJ1	87	221.6967	After	Interior Girder 2	51.4867	0.95	1	1	3.66677

TABLE: Bridge Super Rating AASHTORATE18 31 - SteelICompServ-Flx - Approach, Span 16-19										
Request	BridgeObj	BridgeCut	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	Unitless	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
EV3_serv	BOBJ1	87	221.6967	After	Interior Girder 3	51.4867	0.95	1	1	3.199312
EV3_serv	BOBJ1	87	221.6967	After	Interior Girder 4	51.4867	0.95	1	1	3.199312
EV3_serv	BOBJ1	87	221.6967	After	Interior Girder 5	51.4867	0.95	1	1	3.66677
EV3_serv	BOBJ1	87	221.6967	After	Interior Girder 6	51.4867	0.95	1	1	3.913539
EV3_serv	BOBJ1	87	221.6967	After	Right Exterior Girder	51.4867	0.95	1	1	6.307106
EV3_serv	BOBJ1	88	228.27	Before	Left Exterior Girder	58.06	0.95	1	1	356.800448
EV3_serv	BOBJ1	88	228.27	Before	Interior Girder 1	58.06	0.95	1	1	296.445843
EV3_serv	BOBJ1	88	228.27	Before	Interior Girder 2	58.06	0.95	1	1	156.82005
EV3_serv	BOBJ1	88	228.27	Before	Interior Girder 3	58.06	0.95	1	1	116.915901
EV3_serv	BOBJ1	88	228.27	Before	Interior Girder 4	58.06	0.95	1	1	116.915901
EV3_serv	BOBJ1	88	228.27	Before	Interior Girder 5	58.06	0.95	1	1	156.82005
EV3_serv	BOBJ1	88	228.27	Before	Interior Girder 6	58.06	0.95	1	1	296.445843
EV3_serv	BOBJ1	88	228.27	Before	Right Exterior Girder	58.06	0.95	1	1	356.800447
EV3-neg_serv	BOBJ1	1	0	After	Left Exterior Girder	0	0.95	1	1	662.106657
EV3-neg_serv	BOBJ1	1	0	After	Interior Girder 1	0	0.95	1	1	319.033067
EV3-neg_serv	BOBJ1	1	0	After	Interior Girder 2	0	0.95	1	1	205.006119
EV3-neg_serv	BOBJ1	1	0	After	Interior Girder 3	0	0.95	1	1	166.599622
EV3-neg_serv	BOBJ1	1	0	After	Interior Girder 4	0	0.95	1	1	166.599622
EV3-neg_serv	BOBJ1	1	0	After	Interior Girder 5	0	0.95	1	1	205.006121
EV3-neg_serv	BOBJ1	1	0	After	Interior Girder 6	0	0.95	1	1	319.033067
EV3-neg_serv	BOBJ1	1	0	After	Right Exterior Girder	0	0.95	1	1	662.106657
EV3-neg_serv	BOBJ1	2	5.3833	Before	Left Exterior Girder	5.3833	0.95	1	1	26.274821
EV3-neg_serv	BOBJ1	2	5.3833	Before	Interior Girder 1	5.3833	0.95	1	1	27.591248
EV3-neg_serv	BOBJ1	2	5.3833	Before	Interior Girder 2	5.3833	0.95	1	1	29.266315
EV3-neg_serv	BOBJ1	2	5.3833	Before	Interior Girder 3	5.3833	0.95	1	1	29.390061
EV3-neg_serv	BOBJ1	2	5.3833	Before	Interior Girder 4	5.3833	0.95	1	1	29.390061
EV3-neg_serv	BOBJ1	2	5.3833	Before	Interior Girder 5	5.3833	0.95	1	1	29.266315
EV3-neg_serv	BOBJ1	2	5.3833	Before	Interior Girder 6	5.3833	0.95	1	1	27.591248
EV3-neg_serv	BOBJ1	2	5.3833	Before	Right Exterior Girder	5.3833	0.95	1	1	26.274821
EV3-neg_serv	BOBJ1	3	5.3833	After	Left Exterior Girder	5.3833	0.95	1	1	27.033262
EV3-neg_serv	BOBJ1	3	5.3833	After	Interior Girder 1	5.3833	0.95	1	1	26.654632
EV3-neg_serv	BOBJ1	3	5.3833	After	Interior Girder 2	5.3833	0.95	1	1	30.00508
EV3-neg_serv	BOBJ1	3	5.3833	After	Interior Girder 3	5.3833	0.95	1	1	30.146745
EV3-neg_serv	BOBJ1	3	5.3833	After	Interior Girder 4	5.3833	0.95	1	1	30.146745
EV3-neg_serv	BOBJ1	3	5.3833	After	Interior Girder 5	5.3833	0.95	1	1	30.00508
EV3-neg_serv	BOBJ1	3	5.3833	After	Interior Girder 6	5.3833	0.95	1	1	26.654632
EV3-neg_serv	BOBJ1	3	5.3833	After	Right Exterior Girder	5.3833	0.95	1	1	27.033262
EV3-neg_serv	BOBJ1	4	10.7667	Before	Left Exterior Girder	10.7667	0.95	1	1	13.948089
EV3-neg_serv	BOBJ1	4	10.7667	Before	Interior Girder 1	10.7667	0.95	1	1	14.215322
EV3-neg_serv	BOBJ1	4	10.7667	Before	Interior Girder 2	10.7667	0.95	1	1	15.232616
EV3-neg_serv	BOBJ1	4	10.7667	Before	Interior Girder 3	10.7667	0.95	1	1	15.419927
EV3-neg_serv	BOBJ1	4	10.7667	Before	Interior Girder 4	10.7667	0.95	1	1	15.419927
EV3-neg_serv	BOBJ1	4	10.7667	Before	Interior Girder 5	10.7667	0.95	1	1	15.232616
EV3-neg_serv	BOBJ1	4	10.7667	Before	Interior Girder 6	10.7667	0.95	1	1	14.215322
EV3-neg_serv	BOBJ1	4	10.7667	Before	Right Exterior Girder	10.7667	0.95	1	1	13.948089
EV3-neg_serv	BOBJ1	5	10.7667	After	Left Exterior Girder	10.7667	0.95	1	1	14.197046
EV3-neg_serv	BOBJ1	5	10.7667	After	Interior Girder 1	10.7667	0.95	1	1	13.901045
EV3-neg_serv	BOBJ1	5	10.7667	After	Interior Girder 2	10.7667	0.95	1	1	15.464901
EV3-neg_serv	BOBJ1	5	10.7667	After	Interior Girder 3	10.7667	0.95	1	1	15.720615
EV3-neg_serv	BOBJ1	5	10.7667	After	Interior Girder 4	10.7667	0.95	1	1	15.720615
EV3-neg_serv	BOBJ1	5	10.7667	After	Interior Girder 5	10.7667	0.95	1	1	15.464901
EV3-neg_serv	BOBJ1	5	10.7667	After	Interior Girder 6	10.7667	0.95	1	1	13.901045
EV3-neg_serv	BOBJ1	5	10.7667	After	Right Exterior Girder	10.7667	0.95	1	1	14.197046
EV3-neg_serv	BOBJ1	6	16.15	Before	Left Exterior Girder	16.15	0.95	1	1	9.482112
EV3-neg_serv	BOBJ1	6	16.15	Before	Interior Girder 1	16.15	0.95	1	1	9.558597
EV3-neg_serv	BOBJ1	6	16.15	Before	Interior Girder 2	16.15	0.95	1	1	10.238828
EV3-neg_serv	BOBJ1	6	16.15	Before	Interior Girder 3	16.15	0.95	1	1	10.459896
EV3-neg_serv	BOBJ1	6	16.15	Before	Interior Girder 4	16.15	0.95	1	1	10.459896
EV3-neg_serv	BOBJ1	6	16.15	Before	Interior Girder 5	16.15	0.95	1	1	10.238828
EV3-neg_serv	BOBJ1	6	16.15	Before	Interior Girder 6	16.15	0.95	1	1	9.558597
EV3-neg_serv	BOBJ1	6	16.15	Before	Right Exterior Girder	16.15	0.95	1	1	9.482112
EV3-neg_serv	BOBJ1	7	16.15	After	Left Exterior Girder	16.15	0.95	1	1	9.662916
EV3-neg_serv	BOBJ1	7	16.15	After	Interior Girder 1	16.15	0.95	1	1	9.398249
EV3-neg_serv	BOBJ1	7	16.15	After	Interior Girder 2	16.15	0.95	1	1	10.305367
EV3-neg_serv	BOBJ1	7	16.15	After	Interior Girder 3	16.15	0.95	1	1	10.566383
EV3-neg_serv	BOBJ1	7	16.15	After	Interior Girder 4	16.15	0.95	1	1	10.566383
EV3-neg_serv	BOBJ1	7	16.15	After	Interior Girder 5	16.15	0.95	1	1	10.305367
EV3-neg_serv	BOBJ1	7	16.15	After	Interior Girder 6	16.15	0.95	1	1	9.398249
EV3-neg_serv	BOBJ1	7	16.15	After	Right Exterior Girder	16.15	0.95	1	1	9.662916
EV3-neg_serv	BOBJ1	8	22.1267	Before	Left Exterior Girder	22.1267	0.95	1	1	6.932319
EV3-neg_serv	BOBJ1	8	22.1267	Before	Interior Girder 1	22.1267	0.95	1	1	6.823449
EV3-neg_serv	BOBJ1	8	22.1267	Before	Interior Girder 2	22.1267	0.95	1	1	7.073921
EV3-neg_serv	BOBJ1	8	22.1267	Before	Interior Girder 3	22.1267	0.95	1	1	7.284243

TABLE: Bridge Super Rating AASHTORATE18 31 - SteelICompServ-Flx - Approach, Span 16-19										
Request	BridgeObj	BridgeCut	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	Unitless	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
EV3-neg_serv	BOBJ1	8	22.1267	Before	Interior Girder 4	22.1267	0.95	1	1	7.284243
EV3-neg_serv	BOBJ1	8	22.1267	Before	Interior Girder 5	22.1267	0.95	1	1	7.073921
EV3-neg_serv	BOBJ1	8	22.1267	Before	Interior Girder 6	22.1267	0.95	1	1	6.823449
EV3-neg_serv	BOBJ1	8	22.1267	Before	Right Exterior Girder	22.1267	0.95	1	1	6.932319
EV3-neg_serv	BOBJ1	9	22.1267	After	Left Exterior Girder	22.1267	0.95	1	1	7.075265
EV3-neg_serv	BOBJ1	9	22.1267	After	Interior Girder 1	22.1267	0.95	1	1	6.71894
EV3-neg_serv	BOBJ1	9	22.1267	After	Interior Girder 2	22.1267	0.95	1	1	7.092654
EV3-neg_serv	BOBJ1	9	22.1267	After	Interior Girder 3	22.1267	0.95	1	1	7.314329
EV3-neg_serv	BOBJ1	9	22.1267	After	Interior Girder 4	22.1267	0.95	1	1	7.314329
EV3-neg_serv	BOBJ1	9	22.1267	After	Interior Girder 5	22.1267	0.95	1	1	7.092654
EV3-neg_serv	BOBJ1	9	22.1267	After	Interior Girder 6	22.1267	0.95	1	1	6.71894
EV3-neg_serv	BOBJ1	9	22.1267	After	Right Exterior Girder	22.1267	0.95	1	1	7.075265
EV3-neg_serv	BOBJ1	10	28.1033	Before	Left Exterior Girder	28.1033	0.95	1	1	5.123499
EV3-neg_serv	BOBJ1	10	28.1033	Before	Interior Girder 1	28.1033	0.95	1	1	5.066908
EV3-neg_serv	BOBJ1	10	28.1033	Before	Interior Girder 2	28.1033	0.95	1	1	5.150586
EV3-neg_serv	BOBJ1	10	28.1033	Before	Interior Girder 3	28.1033	0.95	1	1	5.316665
EV3-neg_serv	BOBJ1	10	28.1033	Before	Interior Girder 4	28.1033	0.95	1	1	5.316665
EV3-neg_serv	BOBJ1	10	28.1033	Before	Interior Girder 5	28.1033	0.95	1	1	5.150586
EV3-neg_serv	BOBJ1	10	28.1033	Before	Interior Girder 6	28.1033	0.95	1	1	5.066908
EV3-neg_serv	BOBJ1	10	28.1033	Before	Right Exterior Girder	28.1033	0.95	1	1	5.123499
EV3-neg_serv	BOBJ1	11	28.1033	After	Left Exterior Girder	28.1033	0.95	1	1	5.208243
EV3-neg_serv	BOBJ1	11	28.1033	After	Interior Girder 1	28.1033	0.95	1	1	4.994626
EV3-neg_serv	BOBJ1	11	28.1033	After	Interior Girder 2	28.1033	0.95	1	1	5.142297
EV3-neg_serv	BOBJ1	11	28.1033	After	Interior Girder 3	28.1033	0.95	1	1	5.34361
EV3-neg_serv	BOBJ1	11	28.1033	After	Interior Girder 4	28.1033	0.95	1	1	5.34361
EV3-neg_serv	BOBJ1	11	28.1033	After	Interior Girder 5	28.1033	0.95	1	1	5.142297
EV3-neg_serv	BOBJ1	11	28.1033	After	Interior Girder 6	28.1033	0.95	1	1	4.994626
EV3-neg_serv	BOBJ1	11	28.1033	After	Right Exterior Girder	28.1033	0.95	1	1	5.208243
EV3-neg_serv	BOBJ1	12	34.08	Before	Left Exterior Girder	34.08	0.95	1	1	3.720454
EV3-neg_serv	BOBJ1	12	34.08	Before	Interior Girder 1	34.08	0.95	1	1	3.79226
EV3-neg_serv	BOBJ1	12	34.08	Before	Interior Girder 2	34.08	0.95	1	1	3.796126
EV3-neg_serv	BOBJ1	12	34.08	Before	Interior Girder 3	34.08	0.95	1	1	3.928648
EV3-neg_serv	BOBJ1	12	34.08	Before	Interior Girder 4	34.08	0.95	1	1	3.928648
EV3-neg_serv	BOBJ1	12	34.08	Before	Interior Girder 5	34.08	0.95	1	1	3.796126
EV3-neg_serv	BOBJ1	12	34.08	Before	Interior Girder 6	34.08	0.95	1	1	3.79226
EV3-neg_serv	BOBJ1	12	34.08	Before	Right Exterior Girder	34.08	0.95	1	1	3.720454
EV3-neg_serv	BOBJ1	13	34.08	After	Left Exterior Girder	34.08	0.95	1	1	3.757943
EV3-neg_serv	BOBJ1	13	34.08	After	Interior Girder 1	34.08	0.95	1	1	3.752992
EV3-neg_serv	BOBJ1	13	34.08	After	Interior Girder 2	34.08	0.95	1	1	3.766564
EV3-neg_serv	BOBJ1	13	34.08	After	Interior Girder 3	34.08	0.95	1	1	3.928858
EV3-neg_serv	BOBJ1	13	34.08	After	Interior Girder 4	34.08	0.95	1	1	3.928858
EV3-neg_serv	BOBJ1	13	34.08	After	Interior Girder 5	34.08	0.95	1	1	3.766564
EV3-neg_serv	BOBJ1	13	34.08	After	Interior Girder 6	34.08	0.95	1	1	3.752992
EV3-neg_serv	BOBJ1	13	34.08	After	Right Exterior Girder	34.08	0.95	1	1	3.757943
EV3-neg_serv	BOBJ1	14	39.855	Before	Left Exterior Girder	39.855	0.95	1	1	2.407661
EV3-neg_serv	BOBJ1	14	39.855	Before	Interior Girder 1	39.855	0.95	1	1	2.603026
EV3-neg_serv	BOBJ1	14	39.855	Before	Interior Girder 2	39.855	0.95	1	1	2.498422
EV3-neg_serv	BOBJ1	14	39.855	Before	Interior Girder 3	39.855	0.95	1	1	2.333951
EV3-neg_serv	BOBJ1	14	39.855	Before	Interior Girder 4	39.855	0.95	1	1	2.333951
EV3-neg_serv	BOBJ1	14	39.855	Before	Interior Girder 5	39.855	0.95	1	1	2.498422
EV3-neg_serv	BOBJ1	14	39.855	Before	Interior Girder 6	39.855	0.95	1	1	2.603026
EV3-neg_serv	BOBJ1	14	39.855	Before	Right Exterior Girder	39.855	0.95	1	1	2.407661
EV3-neg_serv	BOBJ1	15	39.855	After	Left Exterior Girder	39.855	0.95	1	1	2.465381
EV3-neg_serv	BOBJ1	15	39.855	After	Interior Girder 1	39.855	0.95	1	1	2.586378
EV3-neg_serv	BOBJ1	15	39.855	After	Interior Girder 2	39.855	0.95	1	1	2.520697
EV3-neg_serv	BOBJ1	15	39.855	After	Interior Girder 3	39.855	0.95	1	1	2.382108
EV3-neg_serv	BOBJ1	15	39.855	After	Interior Girder 4	39.855	0.95	1	1	2.382108
EV3-neg_serv	BOBJ1	15	39.855	After	Interior Girder 5	39.855	0.95	1	1	2.520697
EV3-neg_serv	BOBJ1	15	39.855	After	Interior Girder 6	39.855	0.95	1	1	2.586378
EV3-neg_serv	BOBJ1	15	39.855	After	Right Exterior Girder	39.855	0.95	1	1	2.465381
EV3-neg_serv	BOBJ1	16	40.0288	Before	Left Exterior Girder	40.0288	0.95	1	1	2.394436
EV3-neg_serv	BOBJ1	16	40.0288	Before	Right Exterior Girder	40.0288	0.95	1	1	2.394436
EV3-neg_serv	BOBJ1	17	40.0288	After	Left Exterior Girder	40.0288	0.95	1	1	3.465803
EV3-neg_serv	BOBJ1	17	40.0288	After	Right Exterior Girder	40.0288	0.95	1	1	3.465803
EV3-neg_serv	BOBJ1	18	45.63	Before	Left Exterior Girder	45.63	0.95	1	1	1.741325
EV3-neg_serv	BOBJ1	18	45.63	Before	Interior Girder 1	45.63	0.95	1	1	1.27062
EV3-neg_serv	BOBJ1	18	45.63	Before	Interior Girder 2	45.63	0.95	1	1	1.232641
EV3-neg_serv	BOBJ1	18	45.63	Before	Interior Girder 3	45.63	0.95	1	1	1.034937
EV3-neg_serv	BOBJ1	18	45.63	Before	Interior Girder 4	45.63	0.95	1	1	1.034937
EV3-neg_serv	BOBJ1	18	45.63	Before	Interior Girder 5	45.63	0.95	1	1	1.232641
EV3-neg_serv	BOBJ1	18	45.63	Before	Interior Girder 6	45.63	0.95	1	1	1.27062
EV3-neg_serv	BOBJ1	18	45.63	Before	Right Exterior Girder	45.63	0.95	1	1	1.741325
EV3-neg_serv	BOBJ1	19	45.63	After	Left Exterior Girder	0	0.95	1	1	1.690726

TABLE: Bridge Super Rating AASHTORATE18 31 - SteelICompServ-Flx - Approach, Span 16-19										
Request	BridgeObj	BridgeCut	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	Unitless	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
EV3-neg_serv	BOBJ1	19	45.63	After	Interior Girder 1	0	0.95	1	1	1.275457
EV3-neg_serv	BOBJ1	19	45.63	After	Interior Girder 2	0	0.95	1	1	1.230584
EV3-neg_serv	BOBJ1	19	45.63	After	Interior Girder 3	0	0.95	1	1	1.029762
EV3-neg_serv	BOBJ1	19	45.63	After	Interior Girder 4	0	0.95	1	1	1.029762
EV3-neg_serv	BOBJ1	19	45.63	After	Interior Girder 5	0	0.95	1	1	1.230584
EV3-neg_serv	BOBJ1	19	45.63	After	Interior Girder 6	0	0.95	1	1	1.275457
EV3-neg_serv	BOBJ1	19	45.63	After	Right Exterior Girder	0	0.95	1	1	1.690726
EV3-neg_serv	BOBJ1	20	50.6298	Before	Left Exterior Girder	4.9998	0.95	1	1	3.462099
EV3-neg_serv	BOBJ1	20	50.6298	Before	Right Exterior Girder	4.9998	0.95	1	1	3.462099
EV3-neg_serv	BOBJ1	21	50.6298	After	Left Exterior Girder	4.9998	0.95	1	1	2.316619
EV3-neg_serv	BOBJ1	21	50.6298	After	Right Exterior Girder	4.9998	0.95	1	1	2.316619
EV3-neg_serv	BOBJ1	22	51.4	Before	Left Exterior Girder	5.77	0.95	1	1	2.790638
EV3-neg_serv	BOBJ1	22	51.4	Before	Interior Girder 1	5.77	0.95	1	1	2.639904
EV3-neg_serv	BOBJ1	22	51.4	Before	Interior Girder 2	5.77	0.95	1	1	2.530736
EV3-neg_serv	BOBJ1	22	51.4	Before	Interior Girder 3	5.77	0.95	1	1	2.327839
EV3-neg_serv	BOBJ1	22	51.4	Before	Interior Girder 4	5.77	0.95	1	1	2.327839
EV3-neg_serv	BOBJ1	22	51.4	Before	Interior Girder 5	5.77	0.95	1	1	2.530736
EV3-neg_serv	BOBJ1	22	51.4	Before	Interior Girder 6	5.77	0.95	1	1	2.639904
EV3-neg_serv	BOBJ1	22	51.4	Before	Right Exterior Girder	5.77	0.95	1	1	2.790638
EV3-neg_serv	BOBJ1	23	51.4	After	Left Exterior Girder	5.77	0.95	1	1	2.701815
EV3-neg_serv	BOBJ1	23	51.4	After	Interior Girder 1	5.77	0.95	1	1	2.701681
EV3-neg_serv	BOBJ1	23	51.4	After	Interior Girder 2	5.77	0.95	1	1	2.526883
EV3-neg_serv	BOBJ1	23	51.4	After	Interior Girder 3	5.77	0.95	1	1	2.298249
EV3-neg_serv	BOBJ1	23	51.4	After	Interior Girder 4	5.77	0.95	1	1	2.298249
EV3-neg_serv	BOBJ1	23	51.4	After	Interior Girder 5	5.77	0.95	1	1	2.526883
EV3-neg_serv	BOBJ1	23	51.4	After	Interior Girder 6	5.77	0.95	1	1	2.701681
EV3-neg_serv	BOBJ1	23	51.4	After	Right Exterior Girder	5.77	0.95	1	1	2.701815
EV3-neg_serv	BOBJ1	24	57.17	Before	Left Exterior Girder	11.54	0.95	1	1	6.940478
EV3-neg_serv	BOBJ1	24	57.17	Before	Interior Girder 1	11.54	0.95	1	1	5.944691
EV3-neg_serv	BOBJ1	24	57.17	Before	Interior Girder 2	11.54	0.95	1	1	5.435046
EV3-neg_serv	BOBJ1	24	57.17	Before	Interior Girder 3	11.54	0.95	1	1	5.643472
EV3-neg_serv	BOBJ1	24	57.17	Before	Interior Girder 4	11.54	0.95	1	1	5.643472
EV3-neg_serv	BOBJ1	24	57.17	Before	Interior Girder 5	11.54	0.95	1	1	5.435046
EV3-neg_serv	BOBJ1	24	57.17	Before	Interior Girder 6	11.54	0.95	1	1	5.944691
EV3-neg_serv	BOBJ1	24	57.17	Before	Right Exterior Girder	11.54	0.95	1	1	6.940478
EV3-neg_serv	BOBJ1	25	57.17	After	Left Exterior Girder	11.54	0.95	1	1	6.703813
EV3-neg_serv	BOBJ1	25	57.17	After	Interior Girder 1	11.54	0.95	1	1	6.022984
EV3-neg_serv	BOBJ1	25	57.17	After	Interior Girder 2	11.54	0.95	1	1	5.425574
EV3-neg_serv	BOBJ1	25	57.17	After	Interior Girder 3	11.54	0.95	1	1	5.51738
EV3-neg_serv	BOBJ1	25	57.17	After	Interior Girder 4	11.54	0.95	1	1	5.51738
EV3-neg_serv	BOBJ1	25	57.17	After	Interior Girder 5	11.54	0.95	1	1	5.425574
EV3-neg_serv	BOBJ1	25	57.17	After	Interior Girder 6	11.54	0.95	1	1	6.022984
EV3-neg_serv	BOBJ1	25	57.17	After	Right Exterior Girder	11.54	0.95	1	1	6.703813
EV3-neg_serv	BOBJ1	26	63.34	Before	Left Exterior Girder	17.71	0.95	1	1	9.751824
EV3-neg_serv	BOBJ1	26	63.34	Before	Interior Girder 1	17.71	0.95	1	1	9.034161
EV3-neg_serv	BOBJ1	26	63.34	Before	Interior Girder 2	17.71	0.95	1	1	8.767721
EV3-neg_serv	BOBJ1	26	63.34	Before	Interior Girder 3	17.71	0.95	1	1	9.322051
EV3-neg_serv	BOBJ1	26	63.34	Before	Interior Girder 4	17.71	0.95	1	1	9.322051
EV3-neg_serv	BOBJ1	26	63.34	Before	Interior Girder 5	17.71	0.95	1	1	8.767721
EV3-neg_serv	BOBJ1	26	63.34	Before	Interior Girder 6	17.71	0.95	1	1	9.034161
EV3-neg_serv	BOBJ1	26	63.34	Before	Right Exterior Girder	17.71	0.95	1	1	9.751824
EV3-neg_serv	BOBJ1	27	63.34	After	Left Exterior Girder	17.71	0.95	1	1	9.665774
EV3-neg_serv	BOBJ1	27	63.34	After	Interior Girder 1	17.71	0.95	1	1	9.108025
EV3-neg_serv	BOBJ1	27	63.34	After	Interior Girder 2	17.71	0.95	1	1	8.802035
EV3-neg_serv	BOBJ1	27	63.34	After	Interior Girder 3	17.71	0.95	1	1	9.317401
EV3-neg_serv	BOBJ1	27	63.34	After	Interior Girder 4	17.71	0.95	1	1	9.317401
EV3-neg_serv	BOBJ1	27	63.34	After	Interior Girder 5	17.71	0.95	1	1	8.802035
EV3-neg_serv	BOBJ1	27	63.34	After	Interior Girder 6	17.71	0.95	1	1	9.108025
EV3-neg_serv	BOBJ1	27	63.34	After	Right Exterior Girder	17.71	0.95	1	1	9.665774
EV3-neg_serv	BOBJ1	28	69.51	Before	Left Exterior Girder	23.88	0.95	1	1	12.200084
EV3-neg_serv	BOBJ1	28	69.51	Before	Interior Girder 1	23.88	0.95	1	1	11.540985
EV3-neg_serv	BOBJ1	28	69.51	Before	Interior Girder 2	23.88	0.95	1	1	11.810124
EV3-neg_serv	BOBJ1	28	69.51	Before	Interior Girder 3	23.88	0.95	1	1	12.411153
EV3-neg_serv	BOBJ1	28	69.51	Before	Interior Girder 4	23.88	0.95	1	1	12.411153
EV3-neg_serv	BOBJ1	28	69.51	Before	Interior Girder 5	23.88	0.95	1	1	11.810124
EV3-neg_serv	BOBJ1	28	69.51	Before	Interior Girder 6	23.88	0.95	1	1	11.540985
EV3-neg_serv	BOBJ1	28	69.51	Before	Right Exterior Girder	23.88	0.95	1	1	12.200084
EV3-neg_serv	BOBJ1	29	69.51	After	Left Exterior Girder	23.88	0.95	1	1	11.885397
EV3-neg_serv	BOBJ1	29	69.51	After	Interior Girder 1	23.88	0.95	1	1	11.638307
EV3-neg_serv	BOBJ1	29	69.51	After	Interior Girder 2	23.88	0.95	1	1	11.790137
EV3-neg_serv	BOBJ1	29	69.51	After	Interior Girder 3	23.88	0.95	1	1	12.449657
EV3-neg_serv	BOBJ1	29	69.51	After	Interior Girder 4	23.88	0.95	1	1	12.449657
EV3-neg_serv	BOBJ1	29	69.51	After	Interior Girder 5	23.88	0.95	1	1	11.790137

TABLE: Bridge Super Rating AASHTORATE18 31 - SteelICompServ-Flx - Approach, Span 16-19										
Request	BridgeObj	BridgeCut	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	Unitless	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
EV3-neg_serv	BOBJ1	29	69.51	After	Interior Girder 6	23.88	0.95	1	1	11.638307
EV3-neg_serv	BOBJ1	29	69.51	After	Right Exterior Girder	23.88	0.95	1	1	11.885397
EV3-neg_serv	BOBJ1	30	75.68	Before	Left Exterior Girder	30.05	0.95	1	1	13.325143
EV3-neg_serv	BOBJ1	30	75.68	Before	Interior Girder 1	30.05	0.95	1	1	14.711481
EV3-neg_serv	BOBJ1	30	75.68	Before	Interior Girder 2	30.05	0.95	1	1	15.986297
EV3-neg_serv	BOBJ1	30	75.68	Before	Interior Girder 3	30.05	0.95	1	1	16.853516
EV3-neg_serv	BOBJ1	30	75.68	Before	Interior Girder 4	30.05	0.95	1	1	16.853516
EV3-neg_serv	BOBJ1	30	75.68	Before	Interior Girder 5	30.05	0.95	1	1	15.986297
EV3-neg_serv	BOBJ1	30	75.68	Before	Interior Girder 6	30.05	0.95	1	1	14.711481
EV3-neg_serv	BOBJ1	30	75.68	Before	Right Exterior Girder	30.05	0.95	1	1	13.325143
EV3-neg_serv	BOBJ1	31	75.68	After	Left Exterior Girder	30.05	0.95	1	1	13.193056
EV3-neg_serv	BOBJ1	31	75.68	After	Interior Girder 1	30.05	0.95	1	1	14.809055
EV3-neg_serv	BOBJ1	31	75.68	After	Interior Girder 2	30.05	0.95	1	1	15.934666
EV3-neg_serv	BOBJ1	31	75.68	After	Interior Girder 3	30.05	0.95	1	1	16.810621
EV3-neg_serv	BOBJ1	31	75.68	After	Interior Girder 4	30.05	0.95	1	1	16.810621
EV3-neg_serv	BOBJ1	31	75.68	After	Interior Girder 5	30.05	0.95	1	1	15.934666
EV3-neg_serv	BOBJ1	31	75.68	After	Interior Girder 6	30.05	0.95	1	1	14.809055
EV3-neg_serv	BOBJ1	31	75.68	After	Right Exterior Girder	30.05	0.95	1	1	13.193056
EV3-neg_serv	BOBJ1	32	81.8467	Before	Left Exterior Girder	36.2167	0.95	1	1	12.556939
EV3-neg_serv	BOBJ1	32	81.8467	Before	Interior Girder 1	36.2167	0.95	1	1	13.064578
EV3-neg_serv	BOBJ1	32	81.8467	Before	Interior Girder 2	36.2167	0.95	1	1	13.915733
EV3-neg_serv	BOBJ1	32	81.8467	Before	Interior Girder 3	36.2167	0.95	1	1	14.580563
EV3-neg_serv	BOBJ1	32	81.8467	Before	Interior Girder 4	36.2167	0.95	1	1	14.580563
EV3-neg_serv	BOBJ1	32	81.8467	Before	Interior Girder 5	36.2167	0.95	1	1	13.915733
EV3-neg_serv	BOBJ1	32	81.8467	Before	Interior Girder 6	36.2167	0.95	1	1	13.064578
EV3-neg_serv	BOBJ1	32	81.8467	Before	Right Exterior Girder	36.2167	0.95	1	1	12.556939
EV3-neg_serv	BOBJ1	33	81.8467	After	Left Exterior Girder	36.2167	0.95	1	1	12.822971
EV3-neg_serv	BOBJ1	33	81.8467	After	Interior Girder 1	36.2167	0.95	1	1	12.924499
EV3-neg_serv	BOBJ1	33	81.8467	After	Interior Girder 2	36.2167	0.95	1	1	13.986401
EV3-neg_serv	BOBJ1	33	81.8467	After	Interior Girder 3	36.2167	0.95	1	1	14.619965
EV3-neg_serv	BOBJ1	33	81.8467	After	Interior Girder 4	36.2167	0.95	1	1	14.619965
EV3-neg_serv	BOBJ1	33	81.8467	After	Interior Girder 5	36.2167	0.95	1	1	13.986401
EV3-neg_serv	BOBJ1	33	81.8467	After	Interior Girder 6	36.2167	0.95	1	1	12.924499
EV3-neg_serv	BOBJ1	33	81.8467	After	Right Exterior Girder	36.2167	0.95	1	1	12.822971
EV3-neg_serv	BOBJ1	34	88.0133	Before	Left Exterior Girder	42.3833	0.95	1	1	10.441614
EV3-neg_serv	BOBJ1	34	88.0133	Before	Interior Girder 1	42.3833	0.95	1	1	10.08495
EV3-neg_serv	BOBJ1	34	88.0133	Before	Interior Girder 2	42.3833	0.95	1	1	10.378739
EV3-neg_serv	BOBJ1	34	88.0133	Before	Interior Girder 3	42.3833	0.95	1	1	10.924005
EV3-neg_serv	BOBJ1	34	88.0133	Before	Interior Girder 4	42.3833	0.95	1	1	10.924005
EV3-neg_serv	BOBJ1	34	88.0133	Before	Interior Girder 5	42.3833	0.95	1	1	10.378739
EV3-neg_serv	BOBJ1	34	88.0133	Before	Interior Girder 6	42.3833	0.95	1	1	10.08495
EV3-neg_serv	BOBJ1	34	88.0133	Before	Right Exterior Girder	42.3833	0.95	1	1	10.441614
EV3-neg_serv	BOBJ1	35	88.0133	After	Left Exterior Girder	42.3833	0.95	1	1	10.605287
EV3-neg_serv	BOBJ1	35	88.0133	After	Interior Girder 1	42.3833	0.95	1	1	9.992479
EV3-neg_serv	BOBJ1	35	88.0133	After	Interior Girder 2	42.3833	0.95	1	1	10.444025
EV3-neg_serv	BOBJ1	35	88.0133	After	Interior Girder 3	42.3833	0.95	1	1	10.984767
EV3-neg_serv	BOBJ1	35	88.0133	After	Interior Girder 4	42.3833	0.95	1	1	10.984767
EV3-neg_serv	BOBJ1	35	88.0133	After	Interior Girder 5	42.3833	0.95	1	1	10.444025
EV3-neg_serv	BOBJ1	35	88.0133	After	Interior Girder 6	42.3833	0.95	1	1	9.992479
EV3-neg_serv	BOBJ1	35	88.0133	After	Right Exterior Girder	42.3833	0.95	1	1	10.605287
EV3-neg_serv	BOBJ1	36	94.18	Before	Left Exterior Girder	48.55	0.95	1	1	8.128871
EV3-neg_serv	BOBJ1	36	94.18	Before	Interior Girder 1	48.55	0.95	1	1	7.86366
EV3-neg_serv	BOBJ1	36	94.18	Before	Interior Girder 2	48.55	0.95	1	1	7.873993
EV3-neg_serv	BOBJ1	36	94.18	Before	Interior Girder 3	48.55	0.95	1	1	8.321798
EV3-neg_serv	BOBJ1	36	94.18	Before	Interior Girder 4	48.55	0.95	1	1	8.321798
EV3-neg_serv	BOBJ1	36	94.18	Before	Interior Girder 5	48.55	0.95	1	1	7.873993
EV3-neg_serv	BOBJ1	36	94.18	Before	Interior Girder 6	48.55	0.95	1	1	7.86366
EV3-neg_serv	BOBJ1	36	94.18	Before	Right Exterior Girder	48.55	0.95	1	1	8.128871
EV3-neg_serv	BOBJ1	37	94.18	After	Left Exterior Girder	48.55	0.95	1	1	8.228345
EV3-neg_serv	BOBJ1	37	94.18	After	Interior Girder 1	48.55	0.95	1	1	7.781507
EV3-neg_serv	BOBJ1	37	94.18	After	Interior Girder 2	48.55	0.95	1	1	7.850108
EV3-neg_serv	BOBJ1	37	94.18	After	Interior Girder 3	48.55	0.95	1	1	8.319754
EV3-neg_serv	BOBJ1	37	94.18	After	Interior Girder 4	48.55	0.95	1	1	8.319754
EV3-neg_serv	BOBJ1	37	94.18	After	Interior Girder 5	48.55	0.95	1	1	7.850108
EV3-neg_serv	BOBJ1	37	94.18	After	Interior Girder 6	48.55	0.95	1	1	7.781507
EV3-neg_serv	BOBJ1	37	94.18	After	Right Exterior Girder	48.55	0.95	1	1	8.228345
EV3-neg_serv	BOBJ1	38	100.3567	Before	Left Exterior Girder	54.7267	0.95	1	1	6.00902
EV3-neg_serv	BOBJ1	38	100.3567	Before	Interior Girder 1	54.7267	0.95	1	1	5.939867
EV3-neg_serv	BOBJ1	38	100.3567	Before	Interior Girder 2	54.7267	0.95	1	1	5.476738
EV3-neg_serv	BOBJ1	38	100.3567	Before	Interior Girder 3	54.7267	0.95	1	1	5.376277
EV3-neg_serv	BOBJ1	38	100.3567	Before	Interior Girder 4	54.7267	0.95	1	1	5.376277
EV3-neg_serv	BOBJ1	38	100.3567	Before	Interior Girder 5	54.7267	0.95	1	1	5.476738
EV3-neg_serv	BOBJ1	38	100.3567	Before	Interior Girder 6	54.7267	0.95	1	1	5.939867

TABLE: Bridge Super Rating AASHTORATE18 31 - SteelICompServ-Flx - Approach, Span 16-19										
Request	BridgeObj	BridgeCut	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	Unitless	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
EV3-neg_serv	BOBJ1	38	100.3567	Before	Right Exterior Girder	54.7267	0.95	1	1	6.00902
EV3-neg_serv	BOBJ1	39	100.3567	After	Left Exterior Girder	54.7267	0.95	1	1	6.108177
EV3-neg_serv	BOBJ1	39	100.3567	After	Interior Girder 1	54.7267	0.95	1	1	5.911111
EV3-neg_serv	BOBJ1	39	100.3567	After	Interior Girder 2	54.7267	0.95	1	1	5.521469
EV3-neg_serv	BOBJ1	39	100.3567	After	Interior Girder 3	54.7267	0.95	1	1	5.49634
EV3-neg_serv	BOBJ1	39	100.3567	After	Interior Girder 4	54.7267	0.95	1	1	5.49634
EV3-neg_serv	BOBJ1	39	100.3567	After	Interior Girder 5	54.7267	0.95	1	1	5.521469
EV3-neg_serv	BOBJ1	39	100.3567	After	Interior Girder 6	54.7267	0.95	1	1	5.911111
EV3-neg_serv	BOBJ1	39	100.3567	After	Right Exterior Girder	54.7267	0.95	1	1	6.108177
EV3-neg_serv	BOBJ1	40	106.5333	Before	Left Exterior Girder	60.9033	0.95	1	1	2.748308
EV3-neg_serv	BOBJ1	40	106.5333	Before	Interior Girder 1	60.9033	0.95	1	1	2.837018
EV3-neg_serv	BOBJ1	40	106.5333	Before	Interior Girder 2	60.9033	0.95	1	1	2.632406
EV3-neg_serv	BOBJ1	40	106.5333	Before	Interior Girder 3	60.9033	0.95	1	1	2.404108
EV3-neg_serv	BOBJ1	40	106.5333	Before	Interior Girder 4	60.9033	0.95	1	1	2.404108
EV3-neg_serv	BOBJ1	40	106.5333	Before	Interior Girder 5	60.9033	0.95	1	1	2.632406
EV3-neg_serv	BOBJ1	40	106.5333	Before	Interior Girder 6	60.9033	0.95	1	1	2.837018
EV3-neg_serv	BOBJ1	40	106.5333	Before	Right Exterior Girder	60.9033	0.95	1	1	2.748308
EV3-neg_serv	BOBJ1	41	106.5333	After	Left Exterior Girder	60.9033	0.95	1	1	2.850074
EV3-neg_serv	BOBJ1	41	106.5333	After	Interior Girder 1	60.9033	0.95	1	1	2.749317
EV3-neg_serv	BOBJ1	41	106.5333	After	Interior Girder 2	60.9033	0.95	1	1	2.627415
EV3-neg_serv	BOBJ1	41	106.5333	After	Interior Girder 3	60.9033	0.95	1	1	2.431655
EV3-neg_serv	BOBJ1	41	106.5333	After	Interior Girder 4	60.9033	0.95	1	1	2.431655
EV3-neg_serv	BOBJ1	41	106.5333	After	Interior Girder 5	60.9033	0.95	1	1	2.627415
EV3-neg_serv	BOBJ1	41	106.5333	After	Interior Girder 6	60.9033	0.95	1	1	2.749317
EV3-neg_serv	BOBJ1	41	106.5333	After	Right Exterior Girder	60.9033	0.95	1	1	2.850074
EV3-neg_serv	BOBJ1	42	108.2102	Before	Left Exterior Girder	62.5802	0.95	1	1	2.074882
EV3-neg_serv	BOBJ1	42	108.2102	Before	Right Exterior Girder	62.5802	0.95	1	1	2.074882
EV3-neg_serv	BOBJ1	43	108.2102	After	Left Exterior Girder	62.5802	0.95	1	1	3.101677
EV3-neg_serv	BOBJ1	43	108.2102	After	Right Exterior Girder	62.5802	0.95	1	1	3.101677
EV3-neg_serv	BOBJ1	44	112.71	Before	Left Exterior Girder	67.08	0.95	1	1	1.697691
EV3-neg_serv	BOBJ1	44	112.71	Before	Interior Girder 1	67.08	0.95	1	1	1.22434
EV3-neg_serv	BOBJ1	44	112.71	Before	Interior Girder 2	67.08	0.95	1	1	1.175366
EV3-neg_serv	BOBJ1	44	112.71	Before	Interior Girder 3	67.08	0.95	1	1	1.019639
EV3-neg_serv	BOBJ1	44	112.71	Before	Interior Girder 4	67.08	0.95	1	1	1.019639
EV3-neg_serv	BOBJ1	44	112.71	Before	Interior Girder 5	67.08	0.95	1	1	1.175366
EV3-neg_serv	BOBJ1	44	112.71	Before	Interior Girder 6	67.08	0.95	1	1	1.22434
EV3-neg_serv	BOBJ1	44	112.71	Before	Right Exterior Girder	67.08	0.95	1	1	1.697691
EV3-neg_serv	BOBJ1	45	112.71	After	Left Exterior Girder	0	0.95	1	1	1.743257
EV3-neg_serv	BOBJ1	45	112.71	After	Interior Girder 1	0	0.95	1	1	1.212447
EV3-neg_serv	BOBJ1	45	112.71	After	Interior Girder 2	0	0.95	1	1	1.168741
EV3-neg_serv	BOBJ1	45	112.71	After	Interior Girder 3	0	0.95	1	1	1.012748
EV3-neg_serv	BOBJ1	45	112.71	After	Interior Girder 4	0	0.95	1	1	1.012748
EV3-neg_serv	BOBJ1	45	112.71	After	Interior Girder 5	0	0.95	1	1	1.168741
EV3-neg_serv	BOBJ1	45	112.71	After	Interior Girder 6	0	0.95	1	1	1.212447
EV3-neg_serv	BOBJ1	45	112.71	After	Right Exterior Girder	0	0.95	1	1	1.743257
EV3-neg_serv	BOBJ1	46	117.21	Before	Left Exterior Girder	4.5	0.95	1	1	3.037878
EV3-neg_serv	BOBJ1	46	117.21	Before	Right Exterior Girder	4.5	0.95	1	1	3.037878
EV3-neg_serv	BOBJ1	47	117.21	After	Left Exterior Girder	4.5	0.95	1	1	2.031743
EV3-neg_serv	BOBJ1	47	117.21	After	Right Exterior Girder	4.5	0.95	1	1	2.031743
EV3-neg_serv	BOBJ1	48	119.1	Before	Left Exterior Girder	6.39	0.95	1	1	2.674443
EV3-neg_serv	BOBJ1	48	119.1	Before	Interior Girder 1	6.39	0.95	1	1	2.679233
EV3-neg_serv	BOBJ1	48	119.1	Before	Interior Girder 2	6.39	0.95	1	1	2.596571
EV3-neg_serv	BOBJ1	48	119.1	Before	Interior Girder 3	6.39	0.95	1	1	2.447294
EV3-neg_serv	BOBJ1	48	119.1	Before	Interior Girder 4	6.39	0.95	1	1	2.447294
EV3-neg_serv	BOBJ1	48	119.1	Before	Interior Girder 5	6.39	0.95	1	1	2.596571
EV3-neg_serv	BOBJ1	48	119.1	Before	Interior Girder 6	6.39	0.95	1	1	2.679233
EV3-neg_serv	BOBJ1	48	119.1	Before	Right Exterior Girder	6.39	0.95	1	1	2.674443
EV3-neg_serv	BOBJ1	49	119.1	After	Left Exterior Girder	6.39	0.95	1	1	2.590383
EV3-neg_serv	BOBJ1	49	119.1	After	Interior Girder 1	6.39	0.95	1	1	2.743765
EV3-neg_serv	BOBJ1	49	119.1	After	Interior Girder 2	6.39	0.95	1	1	2.591915
EV3-neg_serv	BOBJ1	49	119.1	After	Interior Girder 3	6.39	0.95	1	1	2.424465
EV3-neg_serv	BOBJ1	49	119.1	After	Interior Girder 4	6.39	0.95	1	1	2.424465
EV3-neg_serv	BOBJ1	49	119.1	After	Interior Girder 5	6.39	0.95	1	1	2.591915
EV3-neg_serv	BOBJ1	49	119.1	After	Interior Girder 6	6.39	0.95	1	1	2.743765
EV3-neg_serv	BOBJ1	49	119.1	After	Right Exterior Girder	6.39	0.95	1	1	2.590383
EV3-neg_serv	BOBJ1	50	125.49	Before	Left Exterior Girder	12.78	0.95	1	1	4.202462
EV3-neg_serv	BOBJ1	50	125.49	Before	Interior Girder 1	12.78	0.95	1	1	4.145075
EV3-neg_serv	BOBJ1	50	125.49	Before	Interior Girder 2	12.78	0.95	1	1	4.130637
EV3-neg_serv	BOBJ1	50	125.49	Before	Interior Girder 3	12.78	0.95	1	1	4.192674
EV3-neg_serv	BOBJ1	50	125.49	Before	Interior Girder 4	12.78	0.95	1	1	4.192674
EV3-neg_serv	BOBJ1	50	125.49	Before	Interior Girder 5	12.78	0.95	1	1	4.130637
EV3-neg_serv	BOBJ1	50	125.49	Before	Interior Girder 6	12.78	0.95	1	1	4.145075
EV3-neg_serv	BOBJ1	50	125.49	Before	Right Exterior Girder	12.78	0.95	1	1	4.202462

TABLE: Bridge Super Rating AASHTORATE18 31 - SteelICompServ-Flx - Approach, Span 16-19										
Request	BridgeObj	BridgeCut	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	Unitless	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
EV3-neg_serv	BOBJ1	51	125.49	After	Left Exterior Girder	12.78	0.95	1	1	4.160051
EV3-neg_serv	BOBJ1	51	125.49	After	Interior Girder 1	12.78	0.95	1	1	4.197261
EV3-neg_serv	BOBJ1	51	125.49	After	Interior Girder 2	12.78	0.95	1	1	4.168328
EV3-neg_serv	BOBJ1	51	125.49	After	Interior Girder 3	12.78	0.95	1	1	4.201826
EV3-neg_serv	BOBJ1	51	125.49	After	Interior Girder 4	12.78	0.95	1	1	4.201826
EV3-neg_serv	BOBJ1	51	125.49	After	Interior Girder 5	12.78	0.95	1	1	4.168328
EV3-neg_serv	BOBJ1	51	125.49	After	Interior Girder 6	12.78	0.95	1	1	4.197261
EV3-neg_serv	BOBJ1	51	125.49	After	Right Exterior Girder	12.78	0.95	1	1	4.160051
EV3-neg_serv	BOBJ1	52	131.88	Before	Left Exterior Girder	19.17	0.95	1	1	5.722429
EV3-neg_serv	BOBJ1	52	131.88	Before	Interior Girder 1	19.17	0.95	1	1	5.400422
EV3-neg_serv	BOBJ1	52	131.88	Before	Interior Girder 2	19.17	0.95	1	1	5.626979
EV3-neg_serv	BOBJ1	52	131.88	Before	Interior Girder 3	19.17	0.95	1	1	5.985209
EV3-neg_serv	BOBJ1	52	131.88	Before	Interior Girder 4	19.17	0.95	1	1	5.985209
EV3-neg_serv	BOBJ1	52	131.88	Before	Interior Girder 5	19.17	0.95	1	1	5.626979
EV3-neg_serv	BOBJ1	52	131.88	Before	Interior Girder 6	19.17	0.95	1	1	5.400422
EV3-neg_serv	BOBJ1	52	131.88	Before	Right Exterior Girder	19.17	0.95	1	1	5.722429
EV3-neg_serv	BOBJ1	53	131.88	After	Left Exterior Girder	19.17	0.95	1	1	5.64738
EV3-neg_serv	BOBJ1	53	131.88	After	Interior Girder 1	19.17	0.95	1	1	5.468883
EV3-neg_serv	BOBJ1	53	131.88	After	Interior Girder 2	19.17	0.95	1	1	5.64145
EV3-neg_serv	BOBJ1	53	131.88	After	Interior Girder 3	19.17	0.95	1	1	5.973996
EV3-neg_serv	BOBJ1	53	131.88	After	Interior Girder 4	19.17	0.95	1	1	5.973996
EV3-neg_serv	BOBJ1	53	131.88	After	Interior Girder 5	19.17	0.95	1	1	5.64145
EV3-neg_serv	BOBJ1	53	131.88	After	Interior Girder 6	19.17	0.95	1	1	5.468883
EV3-neg_serv	BOBJ1	53	131.88	After	Right Exterior Girder	19.17	0.95	1	1	5.64738
EV3-neg_serv	BOBJ1	54	138.27	Before	Left Exterior Girder	25.56	0.95	1	1	7.66113
EV3-neg_serv	BOBJ1	54	138.27	Before	Interior Girder 1	25.56	0.95	1	1	7.107534
EV3-neg_serv	BOBJ1	54	138.27	Before	Interior Girder 2	25.56	0.95	1	1	7.586657
EV3-neg_serv	BOBJ1	54	138.27	Before	Interior Girder 3	25.56	0.95	1	1	8.037192
EV3-neg_serv	BOBJ1	54	138.27	Before	Interior Girder 4	25.56	0.95	1	1	8.037192
EV3-neg_serv	BOBJ1	54	138.27	Before	Interior Girder 5	25.56	0.95	1	1	7.586657
EV3-neg_serv	BOBJ1	54	138.27	Before	Interior Girder 6	25.56	0.95	1	1	7.107534
EV3-neg_serv	BOBJ1	54	138.27	Before	Right Exterior Girder	25.56	0.95	1	1	7.66113
EV3-neg_serv	BOBJ1	55	138.27	After	Left Exterior Girder	25.56	0.95	1	1	7.54795
EV3-neg_serv	BOBJ1	55	138.27	After	Interior Girder 1	25.56	0.95	1	1	7.190822
EV3-neg_serv	BOBJ1	55	138.27	After	Interior Girder 2	25.56	0.95	1	1	7.549118
EV3-neg_serv	BOBJ1	55	138.27	After	Interior Girder 3	25.56	0.95	1	1	7.973418
EV3-neg_serv	BOBJ1	55	138.27	After	Interior Girder 4	25.56	0.95	1	1	7.973418
EV3-neg_serv	BOBJ1	55	138.27	After	Interior Girder 5	25.56	0.95	1	1	7.549118
EV3-neg_serv	BOBJ1	55	138.27	After	Interior Girder 6	25.56	0.95	1	1	7.190822
EV3-neg_serv	BOBJ1	55	138.27	After	Right Exterior Girder	25.56	0.95	1	1	7.54795
EV3-neg_serv	BOBJ1	56	144.66	Before	Left Exterior Girder	31.95	0.95	1	1	7.977059
EV3-neg_serv	BOBJ1	56	144.66	Before	Interior Girder 1	31.95	0.95	1	1	7.706157
EV3-neg_serv	BOBJ1	56	144.66	Before	Interior Girder 2	31.95	0.95	1	1	8.111857
EV3-neg_serv	BOBJ1	56	144.66	Before	Interior Girder 3	31.95	0.95	1	1	8.536145
EV3-neg_serv	BOBJ1	56	144.66	Before	Interior Girder 4	31.95	0.95	1	1	8.536145
EV3-neg_serv	BOBJ1	56	144.66	Before	Interior Girder 5	31.95	0.95	1	1	8.111857
EV3-neg_serv	BOBJ1	56	144.66	Before	Interior Girder 6	31.95	0.95	1	1	7.706157
EV3-neg_serv	BOBJ1	56	144.66	Before	Right Exterior Girder	31.95	0.95	1	1	7.977059
EV3-neg_serv	BOBJ1	57	144.66	After	Left Exterior Girder	31.95	0.95	1	1	8.070113
EV3-neg_serv	BOBJ1	57	144.66	After	Interior Girder 1	31.95	0.95	1	1	7.626708
EV3-neg_serv	BOBJ1	57	144.66	After	Interior Girder 2	31.95	0.95	1	1	8.166488
EV3-neg_serv	BOBJ1	57	144.66	After	Interior Girder 3	31.95	0.95	1	1	8.592418
EV3-neg_serv	BOBJ1	57	144.66	After	Interior Girder 4	31.95	0.95	1	1	8.592418
EV3-neg_serv	BOBJ1	57	144.66	After	Interior Girder 5	31.95	0.95	1	1	8.166488
EV3-neg_serv	BOBJ1	57	144.66	After	Interior Girder 6	31.95	0.95	1	1	7.626708
EV3-neg_serv	BOBJ1	57	144.66	After	Right Exterior Girder	31.95	0.95	1	1	8.070113
EV3-neg_serv	BOBJ1	58	151.05	Before	Left Exterior Girder	38.34	0.95	1	1	6.030166
EV3-neg_serv	BOBJ1	58	151.05	Before	Interior Girder 1	38.34	0.95	1	1	5.958702
EV3-neg_serv	BOBJ1	58	151.05	Before	Interior Girder 2	38.34	0.95	1	1	6.141496
EV3-neg_serv	BOBJ1	58	151.05	Before	Interior Girder 3	38.34	0.95	1	1	6.479113
EV3-neg_serv	BOBJ1	58	151.05	Before	Interior Girder 4	38.34	0.95	1	1	6.479113
EV3-neg_serv	BOBJ1	58	151.05	Before	Interior Girder 5	38.34	0.95	1	1	6.141496
EV3-neg_serv	BOBJ1	58	151.05	Before	Interior Girder 6	38.34	0.95	1	1	5.958702
EV3-neg_serv	BOBJ1	58	151.05	Before	Right Exterior Girder	38.34	0.95	1	1	6.030166
EV3-neg_serv	BOBJ1	59	151.05	After	Left Exterior Girder	38.34	0.95	1	1	6.086123
EV3-neg_serv	BOBJ1	59	151.05	After	Interior Girder 1	38.34	0.95	1	1	5.898375
EV3-neg_serv	BOBJ1	59	151.05	After	Interior Girder 2	38.34	0.95	1	1	6.132582
EV3-neg_serv	BOBJ1	59	151.05	After	Interior Girder 3	38.34	0.95	1	1	6.486133
EV3-neg_serv	BOBJ1	59	151.05	After	Interior Girder 4	38.34	0.95	1	1	6.486133
EV3-neg_serv	BOBJ1	59	151.05	After	Interior Girder 5	38.34	0.95	1	1	6.132582
EV3-neg_serv	BOBJ1	59	151.05	After	Interior Girder 6	38.34	0.95	1	1	5.898375
EV3-neg_serv	BOBJ1	59	151.05	After	Right Exterior Girder	38.34	0.95	1	1	6.086123
EV3-neg_serv	BOBJ1	60	157.4367	Before	Left Exterior Girder	44.7267	0.95	1	1	4.416034

TABLE: Bridge Super Rating AASHTORATE18 31 - SteelICompServ-Flx - Approach, Span 16-19										
Request	BridgeObj	BridgeCut	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	Unitless	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
EV3-neg_serv	BOBJ1	60	157.4367	Before	Interior Girder 1	44.7267	0.95	1	1	4.630614
EV3-neg_serv	BOBJ1	60	157.4367	Before	Interior Girder 2	44.7267	0.95	1	1	4.488666
EV3-neg_serv	BOBJ1	60	157.4367	Before	Interior Girder 3	44.7267	0.95	1	1	4.45316
EV3-neg_serv	BOBJ1	60	157.4367	Before	Interior Girder 4	44.7267	0.95	1	1	4.45316
EV3-neg_serv	BOBJ1	60	157.4367	Before	Interior Girder 5	44.7267	0.95	1	1	4.488666
EV3-neg_serv	BOBJ1	60	157.4367	Before	Interior Girder 6	44.7267	0.95	1	1	4.630614
EV3-neg_serv	BOBJ1	60	157.4367	Before	Right Exterior Girder	44.7267	0.95	1	1	4.416034
EV3-neg_serv	BOBJ1	61	157.4367	After	Left Exterior Girder	44.7267	0.95	1	1	4.455745
EV3-neg_serv	BOBJ1	61	157.4367	After	Interior Girder 1	44.7267	0.95	1	1	4.605355
EV3-neg_serv	BOBJ1	61	157.4367	After	Interior Girder 2	44.7267	0.95	1	1	4.497454
EV3-neg_serv	BOBJ1	61	157.4367	After	Interior Girder 3	44.7267	0.95	1	1	4.507519
EV3-neg_serv	BOBJ1	61	157.4367	After	Interior Girder 4	44.7267	0.95	1	1	4.507519
EV3-neg_serv	BOBJ1	61	157.4367	After	Interior Girder 5	44.7267	0.95	1	1	4.497454
EV3-neg_serv	BOBJ1	61	157.4367	After	Interior Girder 6	44.7267	0.95	1	1	4.605355
EV3-neg_serv	BOBJ1	61	157.4367	After	Right Exterior Girder	44.7267	0.95	1	1	4.455745
EV3-neg_serv	BOBJ1	62	158.71	Before	Left Exterior Girder	46	0.95	1	1	4.122271
EV3-neg_serv	BOBJ1	62	158.71	Before	Interior Girder 1	46	0.95	1	1	4.344314
EV3-neg_serv	BOBJ1	62	158.71	Before	Interior Girder 2	46	0.95	1	1	4.12855
EV3-neg_serv	BOBJ1	62	158.71	Before	Interior Girder 3	46	0.95	1	1	4.070024
EV3-neg_serv	BOBJ1	62	158.71	Before	Interior Girder 4	46	0.95	1	1	4.070024
EV3-neg_serv	BOBJ1	62	158.71	Before	Interior Girder 5	46	0.95	1	1	4.12855
EV3-neg_serv	BOBJ1	62	158.71	Before	Interior Girder 6	46	0.95	1	1	4.344314
EV3-neg_serv	BOBJ1	62	158.71	Before	Right Exterior Girder	46	0.95	1	1	4.122271
EV3-neg_serv	BOBJ1	63	158.71	After	Left Exterior Girder	46	0.95	1	1	5.622998
EV3-neg_serv	BOBJ1	63	158.71	After	Interior Girder 1	46	0.95	1	1	5.436127
EV3-neg_serv	BOBJ1	63	158.71	After	Interior Girder 2	46	0.95	1	1	5.17784
EV3-neg_serv	BOBJ1	63	158.71	After	Interior Girder 3	46	0.95	1	1	5.139054
EV3-neg_serv	BOBJ1	63	158.71	After	Interior Girder 4	46	0.95	1	1	5.139054
EV3-neg_serv	BOBJ1	63	158.71	After	Interior Girder 5	46	0.95	1	1	5.17784
EV3-neg_serv	BOBJ1	63	158.71	After	Interior Girder 6	46	0.95	1	1	5.436127
EV3-neg_serv	BOBJ1	63	158.71	After	Right Exterior Girder	46	0.95	1	1	5.622998
EV3-neg_serv	BOBJ1	64	163.8233	Before	Left Exterior Girder	51.1133	0.95	1	1	3.456326
EV3-neg_serv	BOBJ1	64	163.8233	Before	Interior Girder 1	51.1133	0.95	1	1	3.398935
EV3-neg_serv	BOBJ1	64	163.8233	Before	Interior Girder 2	51.1133	0.95	1	1	3.152704
EV3-neg_serv	BOBJ1	64	163.8233	Before	Interior Girder 3	51.1133	0.95	1	1	2.89867
EV3-neg_serv	BOBJ1	64	163.8233	Before	Interior Girder 4	51.1133	0.95	1	1	2.89867
EV3-neg_serv	BOBJ1	64	163.8233	Before	Interior Girder 5	51.1133	0.95	1	1	3.152704
EV3-neg_serv	BOBJ1	64	163.8233	Before	Interior Girder 6	51.1133	0.95	1	1	3.398935
EV3-neg_serv	BOBJ1	64	163.8233	Before	Right Exterior Girder	51.1133	0.95	1	1	3.456326
EV3-neg_serv	BOBJ1	65	163.8233	After	Left Exterior Girder	51.1133	0.95	1	1	3.540401
EV3-neg_serv	BOBJ1	65	163.8233	After	Interior Girder 1	51.1133	0.95	1	1	3.332536
EV3-neg_serv	BOBJ1	65	163.8233	After	Interior Girder 2	51.1133	0.95	1	1	3.144326
EV3-neg_serv	BOBJ1	65	163.8233	After	Interior Girder 3	51.1133	0.95	1	1	2.917776
EV3-neg_serv	BOBJ1	65	163.8233	After	Interior Girder 4	51.1133	0.95	1	1	2.917776
EV3-neg_serv	BOBJ1	65	163.8233	After	Interior Girder 5	51.1133	0.95	1	1	3.144326
EV3-neg_serv	BOBJ1	65	163.8233	After	Interior Girder 6	51.1133	0.95	1	1	3.332536
EV3-neg_serv	BOBJ1	65	163.8233	After	Right Exterior Girder	51.1133	0.95	1	1	3.540401
EV3-neg_serv	BOBJ1	66	164.71	Before	Left Exterior Girder	52	0.95	1	1	3.107596
EV3-neg_serv	BOBJ1	66	164.71	Before	Right Exterior Girder	52	0.95	1	1	3.107596
EV3-neg_serv	BOBJ1	67	164.71	After	Left Exterior Girder	52	0.95	1	1	4.790395
EV3-neg_serv	BOBJ1	67	164.71	After	Right Exterior Girder	52	0.95	1	1	4.790395
EV3-neg_serv	BOBJ1	68	170.21	Before	Left Exterior Girder	57.5	0.95	1	1	2.585817
EV3-neg_serv	BOBJ1	68	170.21	Before	Interior Girder 1	57.5	0.95	1	1	1.574313
EV3-neg_serv	BOBJ1	68	170.21	Before	Interior Girder 2	57.5	0.95	1	1	1.489068
EV3-neg_serv	BOBJ1	68	170.21	Before	Interior Girder 3	57.5	0.95	1	1	1.284747
EV3-neg_serv	BOBJ1	68	170.21	Before	Interior Girder 4	57.5	0.95	1	1	1.284747
EV3-neg_serv	BOBJ1	68	170.21	Before	Interior Girder 5	57.5	0.95	1	1	1.489068
EV3-neg_serv	BOBJ1	68	170.21	Before	Interior Girder 6	57.5	0.95	1	1	1.574313
EV3-neg_serv	BOBJ1	68	170.21	Before	Right Exterior Girder	57.5	0.95	1	1	2.585817
EV3-neg_serv	BOBJ1	69	170.21	After	Left Exterior Girder	0	0.95	1	1	2.551714
EV3-neg_serv	BOBJ1	69	170.21	After	Interior Girder 1	0	0.95	1	1	1.599678
EV3-neg_serv	BOBJ1	69	170.21	After	Interior Girder 2	0	0.95	1	1	1.498041
EV3-neg_serv	BOBJ1	69	170.21	After	Interior Girder 3	0	0.95	1	1	1.295554
EV3-neg_serv	BOBJ1	69	170.21	After	Interior Girder 4	0	0.95	1	1	1.295554
EV3-neg_serv	BOBJ1	69	170.21	After	Interior Girder 5	0	0.95	1	1	1.498041
EV3-neg_serv	BOBJ1	69	170.21	After	Interior Girder 6	0	0.95	1	1	1.599678
EV3-neg_serv	BOBJ1	69	170.21	After	Right Exterior Girder	0	0.95	1	1	2.551714
EV3-neg_serv	BOBJ1	70	176.21	Before	Left Exterior Girder	6	0.95	1	1	5.401988
EV3-neg_serv	BOBJ1	70	176.21	Before	Right Exterior Girder	6	0.95	1	1	5.401988
EV3-neg_serv	BOBJ1	71	176.21	After	Left Exterior Girder	6	0.95	1	1	3.565718
EV3-neg_serv	BOBJ1	71	176.21	After	Right Exterior Girder	6	0.95	1	1	3.565718
EV3-neg_serv	BOBJ1	72	176.6	Before	Left Exterior Girder	6.39	0.95	1	1	3.84632
EV3-neg_serv	BOBJ1	72	176.6	Before	Interior Girder 1	6.39	0.95	1	1	3.567757

TABLE: Bridge Super Rating AASHTORATE18 31 - SteelICompServ-Flx - Approach, Span 16-19										
Request	BridgeObj	BridgeCut	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	Unitless	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
EV3-neg_serv	BOBJ1	72	176.6	Before	Interior Girder 2	6.39	0.95	1	1	3.339554
EV3-neg_serv	BOBJ1	72	176.6	Before	Interior Girder 3	6.39	0.95	1	1	3.068109
EV3-neg_serv	BOBJ1	72	176.6	Before	Interior Girder 4	6.39	0.95	1	1	3.068109
EV3-neg_serv	BOBJ1	72	176.6	Before	Interior Girder 5	6.39	0.95	1	1	3.339554
EV3-neg_serv	BOBJ1	72	176.6	Before	Interior Girder 6	6.39	0.95	1	1	3.567757
EV3-neg_serv	BOBJ1	72	176.6	Before	Right Exterior Girder	6.39	0.95	1	1	3.84632
EV3-neg_serv	BOBJ1	73	176.6	After	Left Exterior Girder	6.39	0.95	1	1	3.721034
EV3-neg_serv	BOBJ1	73	176.6	After	Interior Girder 1	6.39	0.95	1	1	3.659368
EV3-neg_serv	BOBJ1	73	176.6	After	Interior Girder 2	6.39	0.95	1	1	3.3377
EV3-neg_serv	BOBJ1	73	176.6	After	Interior Girder 3	6.39	0.95	1	1	3.031438
EV3-neg_serv	BOBJ1	73	176.6	After	Interior Girder 4	6.39	0.95	1	1	3.031438
EV3-neg_serv	BOBJ1	73	176.6	After	Interior Girder 5	6.39	0.95	1	1	3.3377
EV3-neg_serv	BOBJ1	73	176.6	After	Interior Girder 6	6.39	0.95	1	1	3.659368
EV3-neg_serv	BOBJ1	73	176.6	After	Right Exterior Girder	6.39	0.95	1	1	3.721034
EV3-neg_serv	BOBJ1	74	182.99	Before	Left Exterior Girder	12.78	0.95	1	1	6.719347
EV3-neg_serv	BOBJ1	74	182.99	Before	Interior Girder 1	12.78	0.95	1	1	6.460957
EV3-neg_serv	BOBJ1	74	182.99	Before	Interior Girder 2	12.78	0.95	1	1	6.164453
EV3-neg_serv	BOBJ1	74	182.99	Before	Interior Girder 3	12.78	0.95	1	1	6.255069
EV3-neg_serv	BOBJ1	74	182.99	Before	Interior Girder 4	12.78	0.95	1	1	6.255069
EV3-neg_serv	BOBJ1	74	182.99	Before	Interior Girder 5	12.78	0.95	1	1	6.164453
EV3-neg_serv	BOBJ1	74	182.99	Before	Interior Girder 6	12.78	0.95	1	1	6.460957
EV3-neg_serv	BOBJ1	74	182.99	Before	Right Exterior Girder	12.78	0.95	1	1	6.719347
EV3-neg_serv	BOBJ1	75	182.99	After	Left Exterior Girder	12.78	0.95	1	1	6.667595
EV3-neg_serv	BOBJ1	75	182.99	After	Interior Girder 1	12.78	0.95	1	1	6.51075
EV3-neg_serv	BOBJ1	75	182.99	After	Interior Girder 2	12.78	0.95	1	1	6.230957
EV3-neg_serv	BOBJ1	75	182.99	After	Interior Girder 3	12.78	0.95	1	1	6.195623
EV3-neg_serv	BOBJ1	75	182.99	After	Interior Girder 4	12.78	0.95	1	1	6.195623
EV3-neg_serv	BOBJ1	75	182.99	After	Interior Girder 5	12.78	0.95	1	1	6.230957
EV3-neg_serv	BOBJ1	75	182.99	After	Interior Girder 6	12.78	0.95	1	1	6.51075
EV3-neg_serv	BOBJ1	75	182.99	After	Right Exterior Girder	12.78	0.95	1	1	6.667595
EV3-neg_serv	BOBJ1	76	189.38	Before	Left Exterior Girder	19.17	0.95	1	1	8.787435
EV3-neg_serv	BOBJ1	76	189.38	Before	Interior Girder 1	19.17	0.95	1	1	8.197493
EV3-neg_serv	BOBJ1	76	189.38	Before	Interior Girder 2	19.17	0.95	1	1	8.327311
EV3-neg_serv	BOBJ1	76	189.38	Before	Interior Girder 3	19.17	0.95	1	1	8.770378
EV3-neg_serv	BOBJ1	76	189.38	Before	Interior Girder 4	19.17	0.95	1	1	8.770378
EV3-neg_serv	BOBJ1	76	189.38	Before	Interior Girder 5	19.17	0.95	1	1	8.327311
EV3-neg_serv	BOBJ1	76	189.38	Before	Interior Girder 6	19.17	0.95	1	1	8.197493
EV3-neg_serv	BOBJ1	76	189.38	Before	Right Exterior Girder	19.17	0.95	1	1	8.787435
EV3-neg_serv	BOBJ1	77	189.38	After	Left Exterior Girder	19.17	0.95	1	1	8.696858
EV3-neg_serv	BOBJ1	77	189.38	After	Interior Girder 1	19.17	0.95	1	1	8.276645
EV3-neg_serv	BOBJ1	77	189.38	After	Interior Girder 2	19.17	0.95	1	1	8.339628
EV3-neg_serv	BOBJ1	77	189.38	After	Interior Girder 3	19.17	0.95	1	1	8.756758
EV3-neg_serv	BOBJ1	77	189.38	After	Interior Girder 4	19.17	0.95	1	1	8.756758
EV3-neg_serv	BOBJ1	77	189.38	After	Interior Girder 5	19.17	0.95	1	1	8.339628
EV3-neg_serv	BOBJ1	77	189.38	After	Interior Girder 6	19.17	0.95	1	1	8.276645
EV3-neg_serv	BOBJ1	77	189.38	After	Right Exterior Girder	19.17	0.95	1	1	8.696858
EV3-neg_serv	BOBJ1	78	195.77	Before	Left Exterior Girder	25.56	0.95	1	1	11.258105
EV3-neg_serv	BOBJ1	78	195.77	Before	Interior Girder 1	25.56	0.95	1	1	10.407545
EV3-neg_serv	BOBJ1	78	195.77	Before	Interior Girder 2	25.56	0.95	1	1	10.929414
EV3-neg_serv	BOBJ1	78	195.77	Before	Interior Girder 3	25.56	0.95	1	1	11.400629
EV3-neg_serv	BOBJ1	78	195.77	Before	Interior Girder 4	25.56	0.95	1	1	11.400629
EV3-neg_serv	BOBJ1	78	195.77	Before	Interior Girder 5	25.56	0.95	1	1	10.929414
EV3-neg_serv	BOBJ1	78	195.77	Before	Interior Girder 6	25.56	0.95	1	1	10.407545
EV3-neg_serv	BOBJ1	78	195.77	Before	Right Exterior Girder	25.56	0.95	1	1	11.258105
EV3-neg_serv	BOBJ1	79	195.77	After	Left Exterior Girder	25.56	0.95	1	1	11.130061
EV3-neg_serv	BOBJ1	79	195.77	After	Interior Girder 1	25.56	0.95	1	1	10.509246
EV3-neg_serv	BOBJ1	79	195.77	After	Interior Girder 2	25.56	0.95	1	1	10.830023
EV3-neg_serv	BOBJ1	79	195.77	After	Interior Girder 3	25.56	0.95	1	1	11.291861
EV3-neg_serv	BOBJ1	79	195.77	After	Interior Girder 4	25.56	0.95	1	1	11.291861
EV3-neg_serv	BOBJ1	79	195.77	After	Interior Girder 5	25.56	0.95	1	1	10.830023
EV3-neg_serv	BOBJ1	79	195.77	After	Interior Girder 6	25.56	0.95	1	1	10.509246
EV3-neg_serv	BOBJ1	79	195.77	After	Right Exterior Girder	25.56	0.95	1	1	11.130061
EV3-neg_serv	BOBJ1	80	202.16	Before	Left Exterior Girder	31.95	0.95	1	1	14.089738
EV3-neg_serv	BOBJ1	80	202.16	Before	Interior Girder 1	31.95	0.95	1	1	13.355365
EV3-neg_serv	BOBJ1	80	202.16	Before	Interior Girder 2	31.95	0.95	1	1	14.463537
EV3-neg_serv	BOBJ1	80	202.16	Before	Interior Girder 3	31.95	0.95	1	1	14.94534
EV3-neg_serv	BOBJ1	80	202.16	Before	Interior Girder 4	31.95	0.95	1	1	14.94534
EV3-neg_serv	BOBJ1	80	202.16	Before	Interior Girder 5	31.95	0.95	1	1	14.463537
EV3-neg_serv	BOBJ1	80	202.16	Before	Interior Girder 6	31.95	0.95	1	1	13.355365
EV3-neg_serv	BOBJ1	80	202.16	Before	Right Exterior Girder	31.95	0.95	1	1	14.089738
EV3-neg_serv	BOBJ1	81	202.16	After	Left Exterior Girder	31.95	0.95	1	1	13.882357
EV3-neg_serv	BOBJ1	81	202.16	After	Interior Girder 1	31.95	0.95	1	1	13.519638
EV3-neg_serv	BOBJ1	81	202.16	After	Interior Girder 2	31.95	0.95	1	1	14.330947

TABLE: Bridge Super Rating AASHTORATE18 31 - SteelICompServ-Flx - Approach, Span 16-19										
Request	BridgeObj	BridgeCut	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	Unitless	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
EV3-neg_serv	BOBJ1	81	202.16	After	Interior Girder 3	31.95	0.95	1	1	14.81849
EV3-neg_serv	BOBJ1	81	202.16	After	Interior Girder 4	31.95	0.95	1	1	14.81849
EV3-neg_serv	BOBJ1	81	202.16	After	Interior Girder 5	31.95	0.95	1	1	14.330947
EV3-neg_serv	BOBJ1	81	202.16	After	Interior Girder 6	31.95	0.95	1	1	13.519638
EV3-neg_serv	BOBJ1	81	202.16	After	Right Exterior Girder	31.95	0.95	1	1	13.882357
EV3-neg_serv	BOBJ1	82	208.55	Before	Left Exterior Girder	38.34	0.95	1	1	16.462318
EV3-neg_serv	BOBJ1	82	208.55	Before	Interior Girder 1	38.34	0.95	1	1	17.751363
EV3-neg_serv	BOBJ1	82	208.55	Before	Interior Girder 2	38.34	0.95	1	1	19.680595
EV3-neg_serv	BOBJ1	82	208.55	Before	Interior Girder 3	38.34	0.95	1	1	20.660776
EV3-neg_serv	BOBJ1	82	208.55	Before	Interior Girder 4	38.34	0.95	1	1	20.660776
EV3-neg_serv	BOBJ1	82	208.55	Before	Interior Girder 5	38.34	0.95	1	1	19.680595
EV3-neg_serv	BOBJ1	82	208.55	Before	Interior Girder 6	38.34	0.95	1	1	17.751363
EV3-neg_serv	BOBJ1	82	208.55	Before	Right Exterior Girder	38.34	0.95	1	1	16.462318
EV3-neg_serv	BOBJ1	83	208.55	After	Left Exterior Girder	38.34	0.95	1	1	16.474924
EV3-neg_serv	BOBJ1	83	208.55	After	Interior Girder 1	38.34	0.95	1	1	18.013937
EV3-neg_serv	BOBJ1	83	208.55	After	Interior Girder 2	38.34	0.95	1	1	19.623427
EV3-neg_serv	BOBJ1	83	208.55	After	Interior Girder 3	38.34	0.95	1	1	20.310002
EV3-neg_serv	BOBJ1	83	208.55	After	Interior Girder 4	38.34	0.95	1	1	20.310002
EV3-neg_serv	BOBJ1	83	208.55	After	Interior Girder 5	38.34	0.95	1	1	19.623427
EV3-neg_serv	BOBJ1	83	208.55	After	Interior Girder 6	38.34	0.95	1	1	18.013937
EV3-neg_serv	BOBJ1	83	208.55	After	Right Exterior Girder	38.34	0.95	1	1	16.474924
EV3-neg_serv	BOBJ1	84	215.1233	Before	Left Exterior Girder	44.9133	0.95	1	1	23.549647
EV3-neg_serv	BOBJ1	84	215.1233	Before	Interior Girder 1	44.9133	0.95	1	1	25.582374
EV3-neg_serv	BOBJ1	84	215.1233	Before	Interior Girder 2	44.9133	0.95	1	1	28.695658
EV3-neg_serv	BOBJ1	84	215.1233	Before	Interior Girder 3	44.9133	0.95	1	1	30.154032
EV3-neg_serv	BOBJ1	84	215.1233	Before	Interior Girder 4	44.9133	0.95	1	1	30.154032
EV3-neg_serv	BOBJ1	84	215.1233	Before	Interior Girder 5	44.9133	0.95	1	1	28.695658
EV3-neg_serv	BOBJ1	84	215.1233	Before	Interior Girder 6	44.9133	0.95	1	1	25.582374
EV3-neg_serv	BOBJ1	84	215.1233	Before	Right Exterior Girder	44.9133	0.95	1	1	23.549647
EV3-neg_serv	BOBJ1	85	215.1233	After	Left Exterior Girder	44.9133	0.95	1	1	24.054932
EV3-neg_serv	BOBJ1	85	215.1233	After	Interior Girder 1	44.9133	0.95	1	1	26.132505
EV3-neg_serv	BOBJ1	85	215.1233	After	Interior Girder 2	44.9133	0.95	1	1	28.552741
EV3-neg_serv	BOBJ1	85	215.1233	After	Interior Girder 3	44.9133	0.95	1	1	29.221817
EV3-neg_serv	BOBJ1	85	215.1233	After	Interior Girder 4	44.9133	0.95	1	1	29.221817
EV3-neg_serv	BOBJ1	85	215.1233	After	Interior Girder 5	44.9133	0.95	1	1	28.552741
EV3-neg_serv	BOBJ1	85	215.1233	After	Interior Girder 6	44.9133	0.95	1	1	26.132505
EV3-neg_serv	BOBJ1	85	215.1233	After	Right Exterior Girder	44.9133	0.95	1	1	24.054932
EV3-neg_serv	BOBJ1	86	221.6967	Before	Left Exterior Girder	51.4867	0.95	1	1	44.507941
EV3-neg_serv	BOBJ1	86	221.6967	Before	Interior Girder 1	51.4867	0.95	1	1	47.356366
EV3-neg_serv	BOBJ1	86	221.6967	Before	Interior Girder 2	51.4867	0.95	1	1	53.972353
EV3-neg_serv	BOBJ1	86	221.6967	Before	Interior Girder 3	51.4867	0.95	1	1	56.201871
EV3-neg_serv	BOBJ1	86	221.6967	Before	Interior Girder 4	51.4867	0.95	1	1	56.201871
EV3-neg_serv	BOBJ1	86	221.6967	Before	Interior Girder 5	51.4867	0.95	1	1	53.972353
EV3-neg_serv	BOBJ1	86	221.6967	Before	Interior Girder 6	51.4867	0.95	1	1	47.356366
EV3-neg_serv	BOBJ1	86	221.6967	Before	Right Exterior Girder	51.4867	0.95	1	1	44.507941
EV3-neg_serv	BOBJ1	87	221.6967	After	Left Exterior Girder	51.4867	0.95	1	1	44.519632
EV3-neg_serv	BOBJ1	87	221.6967	After	Interior Girder 1	51.4867	0.95	1	1	49.389211
EV3-neg_serv	BOBJ1	87	221.6967	After	Interior Girder 2	51.4867	0.95	1	1	53.570907
EV3-neg_serv	BOBJ1	87	221.6967	After	Interior Girder 3	51.4867	0.95	1	1	53.903331
EV3-neg_serv	BOBJ1	87	221.6967	After	Interior Girder 4	51.4867	0.95	1	1	53.903331
EV3-neg_serv	BOBJ1	87	221.6967	After	Interior Girder 5	51.4867	0.95	1	1	53.570907
EV3-neg_serv	BOBJ1	87	221.6967	After	Interior Girder 6	51.4867	0.95	1	1	49.389211
EV3-neg_serv	BOBJ1	87	221.6967	After	Right Exterior Girder	51.4867	0.95	1	1	44.519632
EV3-neg_serv	BOBJ1	88	228.27	Before	Left Exterior Girder	58.06	0.95	1	1	379.034125
EV3-neg_serv	BOBJ1	88	228.27	Before	Interior Girder 1	58.06	0.95	1	1	347.308076
EV3-neg_serv	BOBJ1	88	228.27	Before	Interior Girder 2	58.06	0.95	1	1	190.544547
EV3-neg_serv	BOBJ1	88	228.27	Before	Interior Girder 3	58.06	0.95	1	1	141.197344
EV3-neg_serv	BOBJ1	88	228.27	Before	Interior Girder 4	58.06	0.95	1	1	141.197344
EV3-neg_serv	BOBJ1	88	228.27	Before	Interior Girder 5	58.06	0.95	1	1	190.544547
EV3-neg_serv	BOBJ1	88	228.27	Before	Interior Girder 6	58.06	0.95	1	1	347.308075
EV3-neg_serv	BOBJ1	88	228.27	Before	Right Exterior Girder	58.06	0.95	1	1	379.034124
Gravel Truck_serv	BOBJ1	1	0	After	Left Exterior Girder	0	0.95	1	1	559.102463
Gravel Truck_serv	BOBJ1	1	0	After	Interior Girder 1	0	0.95	1	1	364.346795
Gravel Truck_serv	BOBJ1	1	0	After	Interior Girder 2	0	0.95	1	1	214.003748
Gravel Truck_serv	BOBJ1	1	0	After	Interior Girder 3	0	0.95	1	1	170.017357
Gravel Truck_serv	BOBJ1	1	0	After	Interior Girder 4	0	0.95	1	1	170.017357
Gravel Truck_serv	BOBJ1	1	0	After	Interior Girder 5	0	0.95	1	1	214.00375
Gravel Truck_serv	BOBJ1	1	0	After	Interior Girder 6	0	0.95	1	1	364.346794
Gravel Truck_serv	BOBJ1	1	0	After	Right Exterior Girder	0	0.95	1	1	559.102463
Gravel Truck_serv	BOBJ1	2	5.3833	Before	Left Exterior Girder	5.3833	0.95	1	1	8.254488
Gravel Truck_serv	BOBJ1	2	5.3833	Before	Interior Girder 1	5.3833	0.95	1	1	5.413836
Gravel Truck_serv	BOBJ1	2	5.3833	Before	Interior Girder 2	5.3833	0.95	1	1	5.063296
Gravel Truck_serv	BOBJ1	2	5.3833	Before	Interior Girder 3	5.3833	0.95	1	1	4.443666

TABLE: Bridge Super Rating AASHTORATE18 31 - SteelICompServ-Flx - Approach, Span 16-19										
Request	BridgeObj	BridgeCut	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	Unitless	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Gravel Truck_serv	BOBJ1	2	5.3833	Before	Interior Girder 4	5.3833	0.95	1	1	4.443666
Gravel Truck_serv	BOBJ1	2	5.3833	Before	Interior Girder 5	5.3833	0.95	1	1	5.063296
Gravel Truck_serv	BOBJ1	2	5.3833	Before	Interior Girder 6	5.3833	0.95	1	1	5.413836
Gravel Truck_serv	BOBJ1	2	5.3833	Before	Right Exterior Girder	5.3833	0.95	1	1	8.254488
Gravel Truck_serv	BOBJ1	3	5.3833	After	Left Exterior Girder	5.3833	0.95	1	1	8.342189
Gravel Truck_serv	BOBJ1	3	5.3833	After	Interior Girder 1	5.3833	0.95	1	1	5.435443
Gravel Truck_serv	BOBJ1	3	5.3833	After	Interior Girder 2	5.3833	0.95	1	1	5.150373
Gravel Truck_serv	BOBJ1	3	5.3833	After	Interior Girder 3	5.3833	0.95	1	1	4.605623
Gravel Truck_serv	BOBJ1	3	5.3833	After	Interior Girder 4	5.3833	0.95	1	1	4.605623
Gravel Truck_serv	BOBJ1	3	5.3833	After	Interior Girder 5	5.3833	0.95	1	1	5.150373
Gravel Truck_serv	BOBJ1	3	5.3833	After	Interior Girder 6	5.3833	0.95	1	1	5.435443
Gravel Truck_serv	BOBJ1	3	5.3833	After	Right Exterior Girder	5.3833	0.95	1	1	8.342189
Gravel Truck_serv	BOBJ1	4	10.7667	Before	Left Exterior Girder	10.7667	0.95	1	1	4.566986
Gravel Truck_serv	BOBJ1	4	10.7667	Before	Interior Girder 1	10.7667	0.95	1	1	3.470759
Gravel Truck_serv	BOBJ1	4	10.7667	Before	Interior Girder 2	10.7667	0.95	1	1	3.215156
Gravel Truck_serv	BOBJ1	4	10.7667	Before	Interior Girder 3	10.7667	0.95	1	1	3.027295
Gravel Truck_serv	BOBJ1	4	10.7667	Before	Interior Girder 4	10.7667	0.95	1	1	3.027295
Gravel Truck_serv	BOBJ1	4	10.7667	Before	Interior Girder 5	10.7667	0.95	1	1	3.215156
Gravel Truck_serv	BOBJ1	4	10.7667	Before	Interior Girder 6	10.7667	0.95	1	1	3.470759
Gravel Truck_serv	BOBJ1	4	10.7667	Before	Right Exterior Girder	10.7667	0.95	1	1	4.566986
Gravel Truck_serv	BOBJ1	5	10.7667	After	Left Exterior Girder	10.7667	0.95	1	1	4.539382
Gravel Truck_serv	BOBJ1	5	10.7667	After	Interior Girder 1	10.7667	0.95	1	1	3.480226
Gravel Truck_serv	BOBJ1	5	10.7667	After	Interior Girder 2	10.7667	0.95	1	1	3.259117
Gravel Truck_serv	BOBJ1	5	10.7667	After	Interior Girder 3	10.7667	0.95	1	1	3.074707
Gravel Truck_serv	BOBJ1	5	10.7667	After	Interior Girder 4	10.7667	0.95	1	1	3.074707
Gravel Truck_serv	BOBJ1	5	10.7667	After	Interior Girder 5	10.7667	0.95	1	1	3.259117
Gravel Truck_serv	BOBJ1	5	10.7667	After	Interior Girder 6	10.7667	0.95	1	1	3.480226
Gravel Truck_serv	BOBJ1	5	10.7667	After	Right Exterior Girder	10.7667	0.95	1	1	4.539382
Gravel Truck_serv	BOBJ1	6	16.15	Before	Left Exterior Girder	16.15	0.95	1	1	3.434793
Gravel Truck_serv	BOBJ1	6	16.15	Before	Interior Girder 1	16.15	0.95	1	1	3.077014
Gravel Truck_serv	BOBJ1	6	16.15	Before	Interior Girder 2	16.15	0.95	1	1	2.852485
Gravel Truck_serv	BOBJ1	6	16.15	Before	Interior Girder 3	16.15	0.95	1	1	2.775609
Gravel Truck_serv	BOBJ1	6	16.15	Before	Interior Girder 4	16.15	0.95	1	1	2.775609
Gravel Truck_serv	BOBJ1	6	16.15	Before	Interior Girder 5	16.15	0.95	1	1	2.852485
Gravel Truck_serv	BOBJ1	6	16.15	Before	Interior Girder 6	16.15	0.95	1	1	3.077014
Gravel Truck_serv	BOBJ1	6	16.15	Before	Right Exterior Girder	16.15	0.95	1	1	3.434793
Gravel Truck_serv	BOBJ1	7	16.15	After	Left Exterior Girder	16.15	0.95	1	1	3.447418
Gravel Truck_serv	BOBJ1	7	16.15	After	Interior Girder 1	16.15	0.95	1	1	3.06588
Gravel Truck_serv	BOBJ1	7	16.15	After	Interior Girder 2	16.15	0.95	1	1	2.857477
Gravel Truck_serv	BOBJ1	7	16.15	After	Interior Girder 3	16.15	0.95	1	1	2.782295
Gravel Truck_serv	BOBJ1	7	16.15	After	Interior Girder 4	16.15	0.95	1	1	2.782295
Gravel Truck_serv	BOBJ1	7	16.15	After	Interior Girder 5	16.15	0.95	1	1	2.857477
Gravel Truck_serv	BOBJ1	7	16.15	After	Interior Girder 6	16.15	0.95	1	1	3.06588
Gravel Truck_serv	BOBJ1	7	16.15	After	Right Exterior Girder	16.15	0.95	1	1	3.447418
Gravel Truck_serv	BOBJ1	8	22.1267	Before	Left Exterior Girder	22.1267	0.95	1	1	3.782832
Gravel Truck_serv	BOBJ1	8	22.1267	Before	Interior Girder 1	22.1267	0.95	1	1	2.963854
Gravel Truck_serv	BOBJ1	8	22.1267	Before	Interior Girder 2	22.1267	0.95	1	1	2.789693
Gravel Truck_serv	BOBJ1	8	22.1267	Before	Interior Girder 3	22.1267	0.95	1	1	2.670852
Gravel Truck_serv	BOBJ1	8	22.1267	Before	Interior Girder 4	22.1267	0.95	1	1	2.670852
Gravel Truck_serv	BOBJ1	8	22.1267	Before	Interior Girder 5	22.1267	0.95	1	1	2.789693
Gravel Truck_serv	BOBJ1	8	22.1267	Before	Interior Girder 6	22.1267	0.95	1	1	2.963854
Gravel Truck_serv	BOBJ1	8	22.1267	Before	Right Exterior Girder	22.1267	0.95	1	1	3.782832
Gravel Truck_serv	BOBJ1	9	22.1267	After	Left Exterior Girder	22.1267	0.95	1	1	3.809927
Gravel Truck_serv	BOBJ1	9	22.1267	After	Interior Girder 1	22.1267	0.95	1	1	2.952033
Gravel Truck_serv	BOBJ1	9	22.1267	After	Interior Girder 2	22.1267	0.95	1	1	2.774922
Gravel Truck_serv	BOBJ1	9	22.1267	After	Interior Girder 3	22.1267	0.95	1	1	2.655053
Gravel Truck_serv	BOBJ1	9	22.1267	After	Interior Girder 4	22.1267	0.95	1	1	2.655053
Gravel Truck_serv	BOBJ1	9	22.1267	After	Interior Girder 5	22.1267	0.95	1	1	2.774922
Gravel Truck_serv	BOBJ1	9	22.1267	After	Interior Girder 6	22.1267	0.95	1	1	2.952033
Gravel Truck_serv	BOBJ1	9	22.1267	After	Right Exterior Girder	22.1267	0.95	1	1	3.809927
Gravel Truck_serv	BOBJ1	10	28.1033	Before	Left Exterior Girder	28.1033	0.95	1	1	4.705286
Gravel Truck_serv	BOBJ1	10	28.1033	Before	Interior Girder 1	28.1033	0.95	1	1	3.478925
Gravel Truck_serv	BOBJ1	10	28.1033	Before	Interior Girder 2	28.1033	0.95	1	1	3.271126
Gravel Truck_serv	BOBJ1	10	28.1033	Before	Interior Girder 3	28.1033	0.95	1	1	3.155887
Gravel Truck_serv	BOBJ1	10	28.1033	Before	Interior Girder 4	28.1033	0.95	1	1	3.155887
Gravel Truck_serv	BOBJ1	10	28.1033	Before	Interior Girder 5	28.1033	0.95	1	1	3.271126
Gravel Truck_serv	BOBJ1	10	28.1033	Before	Interior Girder 6	28.1033	0.95	1	1	3.478925
Gravel Truck_serv	BOBJ1	10	28.1033	Before	Right Exterior Girder	28.1033	0.95	1	1	4.705286
Gravel Truck_serv	BOBJ1	11	28.1033	After	Left Exterior Girder	28.1033	0.95	1	1	4.652444
Gravel Truck_serv	BOBJ1	11	28.1033	After	Interior Girder 1	28.1033	0.95	1	1	3.510094
Gravel Truck_serv	BOBJ1	11	28.1033	After	Interior Girder 2	28.1033	0.95	1	1	3.273416
Gravel Truck_serv	BOBJ1	11	28.1033	After	Interior Girder 3	28.1033	0.95	1	1	3.134514
Gravel Truck_serv	BOBJ1	11	28.1033	After	Interior Girder 4	28.1033	0.95	1	1	3.134514

TABLE: Bridge Super Rating AASHTORATE18 31 - SteelICompServ-Flx - Approach, Span 16-19										
Request	BridgeObj	BridgeCut	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	Unitless	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Gravel Truck_serv	BOBJ1	11	28.1033	After	Interior Girder 5	28.1033	0.95	1	1	3.273416
Gravel Truck_serv	BOBJ1	11	28.1033	After	Interior Girder 6	28.1033	0.95	1	1	3.510094
Gravel Truck_serv	BOBJ1	11	28.1033	After	Right Exterior Girder	28.1033	0.95	1	1	4.652444
Gravel Truck_serv	BOBJ1	12	34.08	Before	Left Exterior Girder	34.08	0.95	1	1	3.826362
Gravel Truck_serv	BOBJ1	12	34.08	Before	Interior Girder 1	34.08	0.95	1	1	3.880998
Gravel Truck_serv	BOBJ1	12	34.08	Before	Interior Girder 2	34.08	0.95	1	1	3.892202
Gravel Truck_serv	BOBJ1	12	34.08	Before	Interior Girder 3	34.08	0.95	1	1	4.029156
Gravel Truck_serv	BOBJ1	12	34.08	Before	Interior Girder 4	34.08	0.95	1	1	4.029156
Gravel Truck_serv	BOBJ1	12	34.08	Before	Interior Girder 5	34.08	0.95	1	1	3.892202
Gravel Truck_serv	BOBJ1	12	34.08	Before	Interior Girder 6	34.08	0.95	1	1	3.880998
Gravel Truck_serv	BOBJ1	12	34.08	Before	Right Exterior Girder	34.08	0.95	1	1	3.826362
Gravel Truck_serv	BOBJ1	13	34.08	After	Left Exterior Girder	34.08	0.95	1	1	3.860781
Gravel Truck_serv	BOBJ1	13	34.08	After	Interior Girder 1	34.08	0.95	1	1	3.845027
Gravel Truck_serv	BOBJ1	13	34.08	After	Interior Girder 2	34.08	0.95	1	1	3.86828
Gravel Truck_serv	BOBJ1	13	34.08	After	Interior Girder 3	34.08	0.95	1	1	4.030235
Gravel Truck_serv	BOBJ1	13	34.08	After	Interior Girder 4	34.08	0.95	1	1	4.030235
Gravel Truck_serv	BOBJ1	13	34.08	After	Interior Girder 5	34.08	0.95	1	1	3.86828
Gravel Truck_serv	BOBJ1	13	34.08	After	Interior Girder 6	34.08	0.95	1	1	3.845027
Gravel Truck_serv	BOBJ1	13	34.08	After	Right Exterior Girder	34.08	0.95	1	1	3.860781
Gravel Truck_serv	BOBJ1	14	39.855	Before	Left Exterior Girder	39.855	0.95	1	1	2.610014
Gravel Truck_serv	BOBJ1	14	39.855	Before	Interior Girder 1	39.855	0.95	1	1	2.937566
Gravel Truck_serv	BOBJ1	14	39.855	Before	Interior Girder 2	39.855	0.95	1	1	2.90129
Gravel Truck_serv	BOBJ1	14	39.855	Before	Interior Girder 3	39.855	0.95	1	1	2.790482
Gravel Truck_serv	BOBJ1	14	39.855	Before	Interior Girder 4	39.855	0.95	1	1	2.790482
Gravel Truck_serv	BOBJ1	14	39.855	Before	Interior Girder 5	39.855	0.95	1	1	2.90129
Gravel Truck_serv	BOBJ1	14	39.855	Before	Interior Girder 6	39.855	0.95	1	1	2.937566
Gravel Truck_serv	BOBJ1	14	39.855	Before	Right Exterior Girder	39.855	0.95	1	1	2.610014
Gravel Truck_serv	BOBJ1	15	39.855	After	Left Exterior Girder	39.855	0.95	1	1	2.653984
Gravel Truck_serv	BOBJ1	15	39.855	After	Interior Girder 1	39.855	0.95	1	1	2.898202
Gravel Truck_serv	BOBJ1	15	39.855	After	Interior Girder 2	39.855	0.95	1	1	2.866092
Gravel Truck_serv	BOBJ1	15	39.855	After	Interior Girder 3	39.855	0.95	1	1	2.774672
Gravel Truck_serv	BOBJ1	15	39.855	After	Interior Girder 4	39.855	0.95	1	1	2.774672
Gravel Truck_serv	BOBJ1	15	39.855	After	Interior Girder 5	39.855	0.95	1	1	2.866092
Gravel Truck_serv	BOBJ1	15	39.855	After	Interior Girder 6	39.855	0.95	1	1	2.898202
Gravel Truck_serv	BOBJ1	15	39.855	After	Right Exterior Girder	39.855	0.95	1	1	2.653984
Gravel Truck_serv	BOBJ1	16	40.0288	Before	Left Exterior Girder	40.0288	0.95	1	1	2.606706
Gravel Truck_serv	BOBJ1	16	40.0288	Before	Right Exterior Girder	40.0288	0.95	1	1	2.606706
Gravel Truck_serv	BOBJ1	17	40.0288	After	Left Exterior Girder	40.0288	0.95	1	1	3.743905
Gravel Truck_serv	BOBJ1	17	40.0288	After	Right Exterior Girder	40.0288	0.95	1	1	3.743905
Gravel Truck_serv	BOBJ1	18	45.63	Before	Left Exterior Girder	45.63	0.95	1	1	2.558032
Gravel Truck_serv	BOBJ1	18	45.63	Before	Interior Girder 1	45.63	0.95	1	1	2.12246
Gravel Truck_serv	BOBJ1	18	45.63	Before	Interior Girder 2	45.63	0.95	1	1	2.093129
Gravel Truck_serv	BOBJ1	18	45.63	Before	Interior Girder 3	45.63	0.95	1	1	1.824625
Gravel Truck_serv	BOBJ1	18	45.63	Before	Interior Girder 4	45.63	0.95	1	1	1.824625
Gravel Truck_serv	BOBJ1	18	45.63	Before	Interior Girder 5	45.63	0.95	1	1	2.093129
Gravel Truck_serv	BOBJ1	18	45.63	Before	Interior Girder 6	45.63	0.95	1	1	2.12246
Gravel Truck_serv	BOBJ1	18	45.63	Before	Right Exterior Girder	45.63	0.95	1	1	2.558032
Gravel Truck_serv	BOBJ1	19	45.63	After	Left Exterior Girder	0	0.95	1	1	2.549207
Gravel Truck_serv	BOBJ1	19	45.63	After	Interior Girder 1	0	0.95	1	1	1.924534
Gravel Truck_serv	BOBJ1	19	45.63	After	Interior Girder 2	0	0.95	1	1	1.865948
Gravel Truck_serv	BOBJ1	19	45.63	After	Interior Girder 3	0	0.95	1	1	1.570695
Gravel Truck_serv	BOBJ1	19	45.63	After	Interior Girder 4	0	0.95	1	1	1.570695
Gravel Truck_serv	BOBJ1	19	45.63	After	Interior Girder 5	0	0.95	1	1	1.865948
Gravel Truck_serv	BOBJ1	19	45.63	After	Interior Girder 6	0	0.95	1	1	1.924534
Gravel Truck_serv	BOBJ1	19	45.63	After	Right Exterior Girder	0	0.95	1	1	2.549207
Gravel Truck_serv	BOBJ1	20	50.6298	Before	Left Exterior Girder	4.9998	0.95	1	1	6.413857
Gravel Truck_serv	BOBJ1	20	50.6298	Before	Right Exterior Girder	4.9998	0.95	1	1	6.413857
Gravel Truck_serv	BOBJ1	21	50.6298	After	Left Exterior Girder	4.9998	0.95	1	1	4.248967
Gravel Truck_serv	BOBJ1	21	50.6298	After	Right Exterior Girder	4.9998	0.95	1	1	4.248967
Gravel Truck_serv	BOBJ1	22	51.4	Before	Left Exterior Girder	5.77	0.95	1	1	4.923428
Gravel Truck_serv	BOBJ1	22	51.4	Before	Interior Girder 1	5.77	0.95	1	1	4.864225
Gravel Truck_serv	BOBJ1	22	51.4	Before	Interior Girder 2	5.77	0.95	1	1	4.497637
Gravel Truck_serv	BOBJ1	22	51.4	Before	Interior Girder 3	5.77	0.95	1	1	4.176719
Gravel Truck_serv	BOBJ1	22	51.4	Before	Interior Girder 4	5.77	0.95	1	1	4.176719
Gravel Truck_serv	BOBJ1	22	51.4	Before	Interior Girder 5	5.77	0.95	1	1	4.497637
Gravel Truck_serv	BOBJ1	22	51.4	Before	Interior Girder 6	5.77	0.95	1	1	4.864225
Gravel Truck_serv	BOBJ1	22	51.4	Before	Right Exterior Girder	5.77	0.95	1	1	4.923428
Gravel Truck_serv	BOBJ1	23	51.4	After	Left Exterior Girder	5.77	0.95	1	1	4.834064
Gravel Truck_serv	BOBJ1	23	51.4	After	Interior Girder 1	5.77	0.95	1	1	4.943157
Gravel Truck_serv	BOBJ1	23	51.4	After	Interior Girder 2	5.77	0.95	1	1	4.544698
Gravel Truck_serv	BOBJ1	23	51.4	After	Interior Girder 3	5.77	0.95	1	1	4.222742
Gravel Truck_serv	BOBJ1	23	51.4	After	Interior Girder 4	5.77	0.95	1	1	4.222742
Gravel Truck_serv	BOBJ1	23	51.4	After	Interior Girder 5	5.77	0.95	1	1	4.544698

TABLE: Bridge Super Rating AASHTORATE18 31 - SteelICompServ-Flx - Approach, Span 16-19										
Request	BridgeObj	BridgeCut	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	Unitless	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Gravel Truck_serv	BOBJ1	23	51.4	After	Interior Girder 6	5.77	0.95	1	1	4.943157
Gravel Truck_serv	BOBJ1	23	51.4	After	Right Exterior Girder	5.77	0.95	1	1	4.834064
Gravel Truck_serv	BOBJ1	24	57.17	Before	Left Exterior Girder	11.54	0.95	1	1	7.046255
Gravel Truck_serv	BOBJ1	24	57.17	Before	Interior Girder 1	11.54	0.95	1	1	6.608873
Gravel Truck_serv	BOBJ1	24	57.17	Before	Interior Girder 2	11.54	0.95	1	1	6.000679
Gravel Truck_serv	BOBJ1	24	57.17	Before	Interior Girder 3	11.54	0.95	1	1	5.78559
Gravel Truck_serv	BOBJ1	24	57.17	Before	Interior Girder 4	11.54	0.95	1	1	5.78559
Gravel Truck_serv	BOBJ1	24	57.17	Before	Interior Girder 5	11.54	0.95	1	1	6.000679
Gravel Truck_serv	BOBJ1	24	57.17	Before	Interior Girder 6	11.54	0.95	1	1	6.608873
Gravel Truck_serv	BOBJ1	24	57.17	Before	Right Exterior Girder	11.54	0.95	1	1	7.046255
Gravel Truck_serv	BOBJ1	25	57.17	After	Left Exterior Girder	11.54	0.95	1	1	6.994154
Gravel Truck_serv	BOBJ1	25	57.17	After	Interior Girder 1	11.54	0.95	1	1	6.650366
Gravel Truck_serv	BOBJ1	25	57.17	After	Interior Girder 2	11.54	0.95	1	1	5.986488
Gravel Truck_serv	BOBJ1	25	57.17	After	Interior Girder 3	11.54	0.95	1	1	5.88821
Gravel Truck_serv	BOBJ1	25	57.17	After	Interior Girder 4	11.54	0.95	1	1	5.88821
Gravel Truck_serv	BOBJ1	25	57.17	After	Interior Girder 5	11.54	0.95	1	1	5.986488
Gravel Truck_serv	BOBJ1	25	57.17	After	Interior Girder 6	11.54	0.95	1	1	6.650366
Gravel Truck_serv	BOBJ1	25	57.17	After	Right Exterior Girder	11.54	0.95	1	1	6.994154
Gravel Truck_serv	BOBJ1	26	63.34	Before	Left Exterior Girder	17.71	0.95	1	1	4.556243
Gravel Truck_serv	BOBJ1	26	63.34	Before	Interior Girder 1	17.71	0.95	1	1	3.484119
Gravel Truck_serv	BOBJ1	26	63.34	Before	Interior Girder 2	17.71	0.95	1	1	3.250012
Gravel Truck_serv	BOBJ1	26	63.34	Before	Interior Girder 3	17.71	0.95	1	1	3.12384
Gravel Truck_serv	BOBJ1	26	63.34	Before	Interior Girder 4	17.71	0.95	1	1	3.12384
Gravel Truck_serv	BOBJ1	26	63.34	Before	Interior Girder 5	17.71	0.95	1	1	3.250012
Gravel Truck_serv	BOBJ1	26	63.34	Before	Interior Girder 6	17.71	0.95	1	1	3.484119
Gravel Truck_serv	BOBJ1	26	63.34	Before	Right Exterior Girder	17.71	0.95	1	1	4.556243
Gravel Truck_serv	BOBJ1	27	63.34	After	Left Exterior Girder	17.71	0.95	1	1	4.675859
Gravel Truck_serv	BOBJ1	27	63.34	After	Interior Girder 1	17.71	0.95	1	1	3.430063
Gravel Truck_serv	BOBJ1	27	63.34	After	Interior Girder 2	17.71	0.95	1	1	3.23664
Gravel Truck_serv	BOBJ1	27	63.34	After	Interior Girder 3	17.71	0.95	1	1	3.155795
Gravel Truck_serv	BOBJ1	27	63.34	After	Interior Girder 4	17.71	0.95	1	1	3.155795
Gravel Truck_serv	BOBJ1	27	63.34	After	Interior Girder 5	17.71	0.95	1	1	3.23664
Gravel Truck_serv	BOBJ1	27	63.34	After	Interior Girder 6	17.71	0.95	1	1	3.430063
Gravel Truck_serv	BOBJ1	27	63.34	After	Right Exterior Girder	17.71	0.95	1	1	4.675859
Gravel Truck_serv	BOBJ1	28	69.51	Before	Left Exterior Girder	23.88	0.95	1	1	2.997817
Gravel Truck_serv	BOBJ1	28	69.51	Before	Interior Girder 1	23.88	0.95	1	1	2.520496
Gravel Truck_serv	BOBJ1	28	69.51	Before	Interior Girder 2	23.88	0.95	1	1	2.421469
Gravel Truck_serv	BOBJ1	28	69.51	Before	Interior Girder 3	23.88	0.95	1	1	2.374107
Gravel Truck_serv	BOBJ1	28	69.51	Before	Interior Girder 4	23.88	0.95	1	1	2.374107
Gravel Truck_serv	BOBJ1	28	69.51	Before	Interior Girder 5	23.88	0.95	1	1	2.421469
Gravel Truck_serv	BOBJ1	28	69.51	Before	Interior Girder 6	23.88	0.95	1	1	2.520496
Gravel Truck_serv	BOBJ1	28	69.51	Before	Right Exterior Girder	23.88	0.95	1	1	2.997817
Gravel Truck_serv	BOBJ1	29	69.51	After	Left Exterior Girder	23.88	0.95	1	1	3.011601
Gravel Truck_serv	BOBJ1	29	69.51	After	Interior Girder 1	23.88	0.95	1	1	2.52052
Gravel Truck_serv	BOBJ1	29	69.51	After	Interior Girder 2	23.88	0.95	1	1	2.435653
Gravel Truck_serv	BOBJ1	29	69.51	After	Interior Girder 3	23.88	0.95	1	1	2.395749
Gravel Truck_serv	BOBJ1	29	69.51	After	Interior Girder 4	23.88	0.95	1	1	2.395749
Gravel Truck_serv	BOBJ1	29	69.51	After	Interior Girder 5	23.88	0.95	1	1	2.435653
Gravel Truck_serv	BOBJ1	29	69.51	After	Interior Girder 6	23.88	0.95	1	1	2.52052
Gravel Truck_serv	BOBJ1	29	69.51	After	Right Exterior Girder	23.88	0.95	1	1	3.011601
Gravel Truck_serv	BOBJ1	30	75.68	Before	Left Exterior Girder	30.05	0.95	1	1	2.330956
Gravel Truck_serv	BOBJ1	30	75.68	Before	Interior Girder 1	30.05	0.95	1	1	2.310653
Gravel Truck_serv	BOBJ1	30	75.68	Before	Interior Girder 2	30.05	0.95	1	1	2.249876
Gravel Truck_serv	BOBJ1	30	75.68	Before	Interior Girder 3	30.05	0.95	1	1	2.270948
Gravel Truck_serv	BOBJ1	30	75.68	Before	Interior Girder 4	30.05	0.95	1	1	2.270948
Gravel Truck_serv	BOBJ1	30	75.68	Before	Interior Girder 5	30.05	0.95	1	1	2.249876
Gravel Truck_serv	BOBJ1	30	75.68	Before	Interior Girder 6	30.05	0.95	1	1	2.310653
Gravel Truck_serv	BOBJ1	30	75.68	Before	Right Exterior Girder	30.05	0.95	1	1	2.330956
Gravel Truck_serv	BOBJ1	31	75.68	After	Left Exterior Girder	30.05	0.95	1	1	2.344441
Gravel Truck_serv	BOBJ1	31	75.68	After	Interior Girder 1	30.05	0.95	1	1	2.30535
Gravel Truck_serv	BOBJ1	31	75.68	After	Interior Girder 2	30.05	0.95	1	1	2.245854
Gravel Truck_serv	BOBJ1	31	75.68	After	Interior Girder 3	30.05	0.95	1	1	2.272711
Gravel Truck_serv	BOBJ1	31	75.68	After	Interior Girder 4	30.05	0.95	1	1	2.272711
Gravel Truck_serv	BOBJ1	31	75.68	After	Interior Girder 5	30.05	0.95	1	1	2.245854
Gravel Truck_serv	BOBJ1	31	75.68	After	Interior Girder 6	30.05	0.95	1	1	2.30535
Gravel Truck_serv	BOBJ1	31	75.68	After	Right Exterior Girder	30.05	0.95	1	1	2.344441
Gravel Truck_serv	BOBJ1	32	81.8467	Before	Left Exterior Girder	36.2167	0.95	1	1	2.440346
Gravel Truck_serv	BOBJ1	32	81.8467	Before	Interior Girder 1	36.2167	0.95	1	1	2.150485
Gravel Truck_serv	BOBJ1	32	81.8467	Before	Interior Girder 2	36.2167	0.95	1	1	2.109397
Gravel Truck_serv	BOBJ1	32	81.8467	Before	Interior Girder 3	36.2167	0.95	1	1	2.082289
Gravel Truck_serv	BOBJ1	32	81.8467	Before	Interior Girder 4	36.2167	0.95	1	1	2.082289
Gravel Truck_serv	BOBJ1	32	81.8467	Before	Interior Girder 5	36.2167	0.95	1	1	2.109397
Gravel Truck_serv	BOBJ1	32	81.8467	Before	Interior Girder 6	36.2167	0.95	1	1	2.150485

TABLE: Bridge Super Rating AASHTORATE18 31 - SteelICompServ-Flx - Approach, Span 16-19										
Request	BridgeObj	BridgeCut	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	Unitless	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Gravel Truck_serv	BOBJ1	32	81.8467	Before	Right Exterior Girder	36.2167	0.95	1	1	2.440346
Gravel Truck_serv	BOBJ1	33	81.8467	After	Left Exterior Girder	36.2167	0.95	1	1	2.45027
Gravel Truck_serv	BOBJ1	33	81.8467	After	Interior Girder 1	36.2167	0.95	1	1	2.140005
Gravel Truck_serv	BOBJ1	33	81.8467	After	Interior Girder 2	36.2167	0.95	1	1	2.096572
Gravel Truck_serv	BOBJ1	33	81.8467	After	Interior Girder 3	36.2167	0.95	1	1	2.070747
Gravel Truck_serv	BOBJ1	33	81.8467	After	Interior Girder 4	36.2167	0.95	1	1	2.070747
Gravel Truck_serv	BOBJ1	33	81.8467	After	Interior Girder 5	36.2167	0.95	1	1	2.096572
Gravel Truck_serv	BOBJ1	33	81.8467	After	Interior Girder 6	36.2167	0.95	1	1	2.140005
Gravel Truck_serv	BOBJ1	33	81.8467	After	Right Exterior Girder	36.2167	0.95	1	1	2.45027
Gravel Truck_serv	BOBJ1	34	88.0133	Before	Left Exterior Girder	42.3833	0.95	1	1	2.880946
Gravel Truck_serv	BOBJ1	34	88.0133	Before	Interior Girder 1	42.3833	0.95	1	1	2.40473
Gravel Truck_serv	BOBJ1	34	88.0133	Before	Interior Girder 2	42.3833	0.95	1	1	2.336564
Gravel Truck_serv	BOBJ1	34	88.0133	Before	Interior Girder 3	42.3833	0.95	1	1	2.302017
Gravel Truck_serv	BOBJ1	34	88.0133	Before	Interior Girder 4	42.3833	0.95	1	1	2.302017
Gravel Truck_serv	BOBJ1	34	88.0133	Before	Interior Girder 5	42.3833	0.95	1	1	2.336564
Gravel Truck_serv	BOBJ1	34	88.0133	Before	Interior Girder 6	42.3833	0.95	1	1	2.40473
Gravel Truck_serv	BOBJ1	34	88.0133	Before	Right Exterior Girder	42.3833	0.95	1	1	2.880946
Gravel Truck_serv	BOBJ1	35	88.0133	After	Left Exterior Girder	42.3833	0.95	1	1	2.827755
Gravel Truck_serv	BOBJ1	35	88.0133	After	Interior Girder 1	42.3833	0.95	1	1	2.432601
Gravel Truck_serv	BOBJ1	35	88.0133	After	Interior Girder 2	42.3833	0.95	1	1	2.350658
Gravel Truck_serv	BOBJ1	35	88.0133	After	Interior Girder 3	42.3833	0.95	1	1	2.295231
Gravel Truck_serv	BOBJ1	35	88.0133	After	Interior Girder 4	42.3833	0.95	1	1	2.295231
Gravel Truck_serv	BOBJ1	35	88.0133	After	Interior Girder 5	42.3833	0.95	1	1	2.350658
Gravel Truck_serv	BOBJ1	35	88.0133	After	Interior Girder 6	42.3833	0.95	1	1	2.432601
Gravel Truck_serv	BOBJ1	35	88.0133	After	Right Exterior Girder	42.3833	0.95	1	1	2.827755
Gravel Truck_serv	BOBJ1	36	94.18	Before	Left Exterior Girder	48.55	0.95	1	1	3.800047
Gravel Truck_serv	BOBJ1	36	94.18	Before	Interior Girder 1	48.55	0.95	1	1	3.488202
Gravel Truck_serv	BOBJ1	36	94.18	Before	Interior Girder 2	48.55	0.95	1	1	3.231517
Gravel Truck_serv	BOBJ1	36	94.18	Before	Interior Girder 3	48.55	0.95	1	1	3.217183
Gravel Truck_serv	BOBJ1	36	94.18	Before	Interior Girder 4	48.55	0.95	1	1	3.217183
Gravel Truck_serv	BOBJ1	36	94.18	Before	Interior Girder 5	48.55	0.95	1	1	3.231517
Gravel Truck_serv	BOBJ1	36	94.18	Before	Interior Girder 6	48.55	0.95	1	1	3.488202
Gravel Truck_serv	BOBJ1	36	94.18	Before	Right Exterior Girder	48.55	0.95	1	1	3.800047
Gravel Truck_serv	BOBJ1	37	94.18	After	Left Exterior Girder	48.55	0.95	1	1	3.73084
Gravel Truck_serv	BOBJ1	37	94.18	After	Interior Girder 1	48.55	0.95	1	1	3.522238
Gravel Truck_serv	BOBJ1	37	94.18	After	Interior Girder 2	48.55	0.95	1	1	3.239367
Gravel Truck_serv	BOBJ1	37	94.18	After	Interior Girder 3	48.55	0.95	1	1	3.187147
Gravel Truck_serv	BOBJ1	37	94.18	After	Interior Girder 4	48.55	0.95	1	1	3.187147
Gravel Truck_serv	BOBJ1	37	94.18	After	Interior Girder 5	48.55	0.95	1	1	3.239367
Gravel Truck_serv	BOBJ1	37	94.18	After	Interior Girder 6	48.55	0.95	1	1	3.522238
Gravel Truck_serv	BOBJ1	37	94.18	After	Right Exterior Girder	48.55	0.95	1	1	3.73084
Gravel Truck_serv	BOBJ1	38	100.3567	Before	Left Exterior Girder	54.7267	0.95	1	1	5.953214
Gravel Truck_serv	BOBJ1	38	100.3567	Before	Interior Girder 1	54.7267	0.95	1	1	5.392375
Gravel Truck_serv	BOBJ1	38	100.3567	Before	Interior Girder 2	54.7267	0.95	1	1	4.931328
Gravel Truck_serv	BOBJ1	38	100.3567	Before	Interior Girder 3	54.7267	0.95	1	1	4.789343
Gravel Truck_serv	BOBJ1	38	100.3567	Before	Interior Girder 4	54.7267	0.95	1	1	4.789343
Gravel Truck_serv	BOBJ1	38	100.3567	Before	Interior Girder 5	54.7267	0.95	1	1	4.931328
Gravel Truck_serv	BOBJ1	38	100.3567	Before	Interior Girder 6	54.7267	0.95	1	1	5.392375
Gravel Truck_serv	BOBJ1	38	100.3567	Before	Right Exterior Girder	54.7267	0.95	1	1	5.953214
Gravel Truck_serv	BOBJ1	39	100.3567	After	Left Exterior Girder	54.7267	0.95	1	1	6.021728
Gravel Truck_serv	BOBJ1	39	100.3567	After	Interior Girder 1	54.7267	0.95	1	1	5.383536
Gravel Truck_serv	BOBJ1	39	100.3567	After	Interior Girder 2	54.7267	0.95	1	1	4.894101
Gravel Truck_serv	BOBJ1	39	100.3567	After	Interior Girder 3	54.7267	0.95	1	1	4.635623
Gravel Truck_serv	BOBJ1	39	100.3567	After	Interior Girder 4	54.7267	0.95	1	1	4.635623
Gravel Truck_serv	BOBJ1	39	100.3567	After	Interior Girder 5	54.7267	0.95	1	1	4.894101
Gravel Truck_serv	BOBJ1	39	100.3567	After	Interior Girder 6	54.7267	0.95	1	1	5.383536
Gravel Truck_serv	BOBJ1	39	100.3567	After	Right Exterior Girder	54.7267	0.95	1	1	6.021728
Gravel Truck_serv	BOBJ1	40	106.5333	Before	Left Exterior Girder	60.9033	0.95	1	1	4.128891
Gravel Truck_serv	BOBJ1	40	106.5333	Before	Interior Girder 1	60.9033	0.95	1	1	4.303576
Gravel Truck_serv	BOBJ1	40	106.5333	Before	Interior Girder 2	60.9033	0.95	1	1	4.025836
Gravel Truck_serv	BOBJ1	40	106.5333	Before	Interior Girder 3	60.9033	0.95	1	1	3.804543
Gravel Truck_serv	BOBJ1	40	106.5333	Before	Interior Girder 4	60.9033	0.95	1	1	3.804543
Gravel Truck_serv	BOBJ1	40	106.5333	Before	Interior Girder 5	60.9033	0.95	1	1	4.025836
Gravel Truck_serv	BOBJ1	40	106.5333	Before	Interior Girder 6	60.9033	0.95	1	1	4.303576
Gravel Truck_serv	BOBJ1	40	106.5333	Before	Right Exterior Girder	60.9033	0.95	1	1	4.128891
Gravel Truck_serv	BOBJ1	41	106.5333	After	Left Exterior Girder	60.9033	0.95	1	1	4.21543
Gravel Truck_serv	BOBJ1	41	106.5333	After	Interior Girder 1	60.9033	0.95	1	1	4.202642
Gravel Truck_serv	BOBJ1	41	106.5333	After	Interior Girder 2	60.9033	0.95	1	1	3.944219
Gravel Truck_serv	BOBJ1	41	106.5333	After	Interior Girder 3	60.9033	0.95	1	1	3.730523
Gravel Truck_serv	BOBJ1	41	106.5333	After	Interior Girder 4	60.9033	0.95	1	1	3.730523
Gravel Truck_serv	BOBJ1	41	106.5333	After	Interior Girder 5	60.9033	0.95	1	1	3.944219
Gravel Truck_serv	BOBJ1	41	106.5333	After	Interior Girder 6	60.9033	0.95	1	1	4.202642
Gravel Truck_serv	BOBJ1	41	106.5333	After	Right Exterior Girder	60.9033	0.95	1	1	4.21543

TABLE: Bridge Super Rating AASHTORATE18 31 - SteelICompServ-Flx - Approach, Span 16-19										
Request	BridgeObj	BridgeCut	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	Unitless	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Gravel Truck_serv	BOBJ1	42	108.2102	Before	Left Exterior Girder	62.5802	0.95	1	1	3.655947
Gravel Truck_serv	BOBJ1	42	108.2102	Before	Right Exterior Girder	62.5802	0.95	1	1	3.655947
Gravel Truck_serv	BOBJ1	43	108.2102	After	Left Exterior Girder	62.5802	0.95	1	1	5.351303
Gravel Truck_serv	BOBJ1	43	108.2102	After	Right Exterior Girder	62.5802	0.95	1	1	5.351303
Gravel Truck_serv	BOBJ1	44	112.71	Before	Left Exterior Girder	67.08	0.95	1	1	2.770918
Gravel Truck_serv	BOBJ1	44	112.71	Before	Interior Girder 1	67.08	0.95	1	1	1.971492
Gravel Truck_serv	BOBJ1	44	112.71	Before	Interior Girder 2	67.08	0.95	1	1	1.905411
Gravel Truck_serv	BOBJ1	44	112.71	Before	Interior Girder 3	67.08	0.95	1	1	1.628759
Gravel Truck_serv	BOBJ1	44	112.71	Before	Interior Girder 4	67.08	0.95	1	1	1.628759
Gravel Truck_serv	BOBJ1	44	112.71	Before	Interior Girder 5	67.08	0.95	1	1	1.905411
Gravel Truck_serv	BOBJ1	44	112.71	Before	Interior Girder 6	67.08	0.95	1	1	1.971492
Gravel Truck_serv	BOBJ1	44	112.71	Before	Right Exterior Girder	67.08	0.95	1	1	2.770918
Gravel Truck_serv	BOBJ1	45	112.71	After	Left Exterior Girder	0	0.95	1	1	2.802516
Gravel Truck_serv	BOBJ1	45	112.71	After	Interior Girder 1	0	0.95	1	1	2.255797
Gravel Truck_serv	BOBJ1	45	112.71	After	Interior Girder 2	0	0.95	1	1	2.068923
Gravel Truck_serv	BOBJ1	45	112.71	After	Interior Girder 3	0	0.95	1	1	1.773068
Gravel Truck_serv	BOBJ1	45	112.71	After	Interior Girder 4	0	0.95	1	1	1.773068
Gravel Truck_serv	BOBJ1	45	112.71	After	Interior Girder 5	0	0.95	1	1	2.068923
Gravel Truck_serv	BOBJ1	45	112.71	After	Interior Girder 6	0	0.95	1	1	2.255797
Gravel Truck_serv	BOBJ1	45	112.71	After	Right Exterior Girder	0	0.95	1	1	2.802516
Gravel Truck_serv	BOBJ1	46	117.21	Before	Left Exterior Girder	4.5	0.95	1	1	3.742303
Gravel Truck_serv	BOBJ1	46	117.21	Before	Right Exterior Girder	4.5	0.95	1	1	3.742303
Gravel Truck_serv	BOBJ1	47	117.21	After	Left Exterior Girder	4.5	0.95	1	1	2.54827
Gravel Truck_serv	BOBJ1	47	117.21	After	Right Exterior Girder	4.5	0.95	1	1	2.54827
Gravel Truck_serv	BOBJ1	48	119.1	Before	Left Exterior Girder	6.39	0.95	1	1	2.95997
Gravel Truck_serv	BOBJ1	48	119.1	Before	Interior Girder 1	6.39	0.95	1	1	3.140405
Gravel Truck_serv	BOBJ1	48	119.1	Before	Interior Girder 2	6.39	0.95	1	1	3.080688
Gravel Truck_serv	BOBJ1	48	119.1	Before	Interior Girder 3	6.39	0.95	1	1	2.986828
Gravel Truck_serv	BOBJ1	48	119.1	Before	Interior Girder 4	6.39	0.95	1	1	2.986828
Gravel Truck_serv	BOBJ1	48	119.1	Before	Interior Girder 5	6.39	0.95	1	1	3.080688
Gravel Truck_serv	BOBJ1	48	119.1	Before	Interior Girder 6	6.39	0.95	1	1	3.140405
Gravel Truck_serv	BOBJ1	48	119.1	Before	Right Exterior Girder	6.39	0.95	1	1	2.95997
Gravel Truck_serv	BOBJ1	49	119.1	After	Left Exterior Girder	6.39	0.95	1	1	2.912312
Gravel Truck_serv	BOBJ1	49	119.1	After	Interior Girder 1	6.39	0.95	1	1	3.189678
Gravel Truck_serv	BOBJ1	49	119.1	After	Interior Girder 2	6.39	0.95	1	1	3.122502
Gravel Truck_serv	BOBJ1	49	119.1	After	Interior Girder 3	6.39	0.95	1	1	3.007029
Gravel Truck_serv	BOBJ1	49	119.1	After	Interior Girder 4	6.39	0.95	1	1	3.007029
Gravel Truck_serv	BOBJ1	49	119.1	After	Interior Girder 5	6.39	0.95	1	1	3.122502
Gravel Truck_serv	BOBJ1	49	119.1	After	Interior Girder 6	6.39	0.95	1	1	3.189678
Gravel Truck_serv	BOBJ1	49	119.1	After	Right Exterior Girder	6.39	0.95	1	1	2.912312
Gravel Truck_serv	BOBJ1	50	125.49	Before	Left Exterior Girder	12.78	0.95	1	1	4.30448
Gravel Truck_serv	BOBJ1	50	125.49	Before	Interior Girder 1	12.78	0.95	1	1	4.265785
Gravel Truck_serv	BOBJ1	50	125.49	Before	Interior Girder 2	12.78	0.95	1	1	4.285705
Gravel Truck_serv	BOBJ1	50	125.49	Before	Interior Girder 3	12.78	0.95	1	1	4.333764
Gravel Truck_serv	BOBJ1	50	125.49	Before	Interior Girder 4	12.78	0.95	1	1	4.333764
Gravel Truck_serv	BOBJ1	50	125.49	Before	Interior Girder 5	12.78	0.95	1	1	4.285705
Gravel Truck_serv	BOBJ1	50	125.49	Before	Interior Girder 6	12.78	0.95	1	1	4.265785
Gravel Truck_serv	BOBJ1	50	125.49	Before	Right Exterior Girder	12.78	0.95	1	1	4.30448
Gravel Truck_serv	BOBJ1	51	125.49	After	Left Exterior Girder	12.78	0.95	1	1	4.261536
Gravel Truck_serv	BOBJ1	51	125.49	After	Interior Girder 1	12.78	0.95	1	1	4.314652
Gravel Truck_serv	BOBJ1	51	125.49	After	Interior Girder 2	12.78	0.95	1	1	4.317856
Gravel Truck_serv	BOBJ1	51	125.49	After	Interior Girder 3	12.78	0.95	1	1	4.344772
Gravel Truck_serv	BOBJ1	51	125.49	After	Interior Girder 4	12.78	0.95	1	1	4.344772
Gravel Truck_serv	BOBJ1	51	125.49	After	Interior Girder 5	12.78	0.95	1	1	4.317856
Gravel Truck_serv	BOBJ1	51	125.49	After	Interior Girder 6	12.78	0.95	1	1	4.314652
Gravel Truck_serv	BOBJ1	51	125.49	After	Right Exterior Girder	12.78	0.95	1	1	4.261536
Gravel Truck_serv	BOBJ1	52	131.88	Before	Left Exterior Girder	19.17	0.95	1	1	4.00552
Gravel Truck_serv	BOBJ1	52	131.88	Before	Interior Girder 1	19.17	0.95	1	1	3.781201
Gravel Truck_serv	BOBJ1	52	131.88	Before	Interior Girder 2	19.17	0.95	1	1	3.448515
Gravel Truck_serv	BOBJ1	52	131.88	Before	Interior Girder 3	19.17	0.95	1	1	3.360712
Gravel Truck_serv	BOBJ1	52	131.88	Before	Interior Girder 4	19.17	0.95	1	1	3.360712
Gravel Truck_serv	BOBJ1	52	131.88	Before	Interior Girder 5	19.17	0.95	1	1	3.448515
Gravel Truck_serv	BOBJ1	52	131.88	Before	Interior Girder 6	19.17	0.95	1	1	3.781201
Gravel Truck_serv	BOBJ1	52	131.88	Before	Right Exterior Girder	19.17	0.95	1	1	4.00552
Gravel Truck_serv	BOBJ1	53	131.88	After	Left Exterior Girder	19.17	0.95	1	1	4.036698
Gravel Truck_serv	BOBJ1	53	131.88	After	Interior Girder 1	19.17	0.95	1	1	3.763004
Gravel Truck_serv	BOBJ1	53	131.88	After	Interior Girder 2	19.17	0.95	1	1	3.446025
Gravel Truck_serv	BOBJ1	53	131.88	After	Interior Girder 3	19.17	0.95	1	1	3.38631
Gravel Truck_serv	BOBJ1	53	131.88	After	Interior Girder 4	19.17	0.95	1	1	3.38631
Gravel Truck_serv	BOBJ1	53	131.88	After	Interior Girder 5	19.17	0.95	1	1	3.446025
Gravel Truck_serv	BOBJ1	53	131.88	After	Interior Girder 6	19.17	0.95	1	1	3.763004
Gravel Truck_serv	BOBJ1	53	131.88	After	Right Exterior Girder	19.17	0.95	1	1	4.036698
Gravel Truck_serv	BOBJ1	54	138.27	Before	Left Exterior Girder	25.56	0.95	1	1	3.604836

TABLE: Bridge Super Rating AASHTORATE18 31 - SteelICompServ-Flx - Approach, Span 16-19										
Request	BridgeObj	BridgeCut	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	Unitless	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Gravel Truck_serv	BOBJ1	54	138.27	Before	Interior Girder 1	25.56	0.95	1	1	2.960736
Gravel Truck_serv	BOBJ1	54	138.27	Before	Interior Girder 2	25.56	0.95	1	1	2.795734
Gravel Truck_serv	BOBJ1	54	138.27	Before	Interior Girder 3	25.56	0.95	1	1	2.680453
Gravel Truck_serv	BOBJ1	54	138.27	Before	Interior Girder 4	25.56	0.95	1	1	2.680453
Gravel Truck_serv	BOBJ1	54	138.27	Before	Interior Girder 5	25.56	0.95	1	1	2.795734
Gravel Truck_serv	BOBJ1	54	138.27	Before	Interior Girder 6	25.56	0.95	1	1	2.960736
Gravel Truck_serv	BOBJ1	54	138.27	Before	Right Exterior Girder	25.56	0.95	1	1	3.604836
Gravel Truck_serv	BOBJ1	55	138.27	After	Left Exterior Girder	25.56	0.95	1	1	3.64491
Gravel Truck_serv	BOBJ1	55	138.27	After	Interior Girder 1	25.56	0.95	1	1	2.940838
Gravel Truck_serv	BOBJ1	55	138.27	After	Interior Girder 2	25.56	0.95	1	1	2.784261
Gravel Truck_serv	BOBJ1	55	138.27	After	Interior Girder 3	25.56	0.95	1	1	2.681544
Gravel Truck_serv	BOBJ1	55	138.27	After	Interior Girder 4	25.56	0.95	1	1	2.681544
Gravel Truck_serv	BOBJ1	55	138.27	After	Interior Girder 5	25.56	0.95	1	1	2.784261
Gravel Truck_serv	BOBJ1	55	138.27	After	Interior Girder 6	25.56	0.95	1	1	2.940838
Gravel Truck_serv	BOBJ1	55	138.27	After	Right Exterior Girder	25.56	0.95	1	1	3.64491
Gravel Truck_serv	BOBJ1	56	144.66	Before	Left Exterior Girder	31.95	0.95	1	1	3.718592
Gravel Truck_serv	BOBJ1	56	144.66	Before	Interior Girder 1	31.95	0.95	1	1	2.967535
Gravel Truck_serv	BOBJ1	56	144.66	Before	Interior Girder 2	31.95	0.95	1	1	2.809999
Gravel Truck_serv	BOBJ1	56	144.66	Before	Interior Girder 3	31.95	0.95	1	1	2.705512
Gravel Truck_serv	BOBJ1	56	144.66	Before	Interior Girder 4	31.95	0.95	1	1	2.705512
Gravel Truck_serv	BOBJ1	56	144.66	Before	Interior Girder 5	31.95	0.95	1	1	2.809999
Gravel Truck_serv	BOBJ1	56	144.66	Before	Interior Girder 6	31.95	0.95	1	1	2.967535
Gravel Truck_serv	BOBJ1	56	144.66	Before	Right Exterior Girder	31.95	0.95	1	1	3.718592
Gravel Truck_serv	BOBJ1	57	144.66	After	Left Exterior Girder	31.95	0.95	1	1	3.671629
Gravel Truck_serv	BOBJ1	57	144.66	After	Interior Girder 1	31.95	0.95	1	1	2.993098
Gravel Truck_serv	BOBJ1	57	144.66	After	Interior Girder 2	31.95	0.95	1	1	2.820296
Gravel Truck_serv	BOBJ1	57	144.66	After	Interior Girder 3	31.95	0.95	1	1	2.700419
Gravel Truck_serv	BOBJ1	57	144.66	After	Interior Girder 4	31.95	0.95	1	1	2.700419
Gravel Truck_serv	BOBJ1	57	144.66	After	Interior Girder 5	31.95	0.95	1	1	2.820296
Gravel Truck_serv	BOBJ1	57	144.66	After	Interior Girder 6	31.95	0.95	1	1	2.993098
Gravel Truck_serv	BOBJ1	57	144.66	After	Right Exterior Girder	31.95	0.95	1	1	3.671629
Gravel Truck_serv	BOBJ1	58	151.05	Before	Left Exterior Girder	38.34	0.95	1	1	4.296382
Gravel Truck_serv	BOBJ1	58	151.05	Before	Interior Girder 1	38.34	0.95	1	1	3.87907
Gravel Truck_serv	BOBJ1	58	151.05	Before	Interior Girder 2	38.34	0.95	1	1	3.542225
Gravel Truck_serv	BOBJ1	58	151.05	Before	Interior Girder 3	38.34	0.95	1	1	3.472119
Gravel Truck_serv	BOBJ1	58	151.05	Before	Interior Girder 4	38.34	0.95	1	1	3.472119
Gravel Truck_serv	BOBJ1	58	151.05	Before	Interior Girder 5	38.34	0.95	1	1	3.542225
Gravel Truck_serv	BOBJ1	58	151.05	Before	Interior Girder 6	38.34	0.95	1	1	3.87907
Gravel Truck_serv	BOBJ1	58	151.05	Before	Right Exterior Girder	38.34	0.95	1	1	4.296382
Gravel Truck_serv	BOBJ1	59	151.05	After	Left Exterior Girder	38.34	0.95	1	1	4.252565
Gravel Truck_serv	BOBJ1	59	151.05	After	Interior Girder 1	38.34	0.95	1	1	3.906721
Gravel Truck_serv	BOBJ1	59	151.05	After	Interior Girder 2	38.34	0.95	1	1	3.543791
Gravel Truck_serv	BOBJ1	59	151.05	After	Interior Girder 3	38.34	0.95	1	1	3.439718
Gravel Truck_serv	BOBJ1	59	151.05	After	Interior Girder 4	38.34	0.95	1	1	3.439718
Gravel Truck_serv	BOBJ1	59	151.05	After	Interior Girder 5	38.34	0.95	1	1	3.543791
Gravel Truck_serv	BOBJ1	59	151.05	After	Interior Girder 6	38.34	0.95	1	1	3.906721
Gravel Truck_serv	BOBJ1	59	151.05	After	Right Exterior Girder	38.34	0.95	1	1	4.252565
Gravel Truck_serv	BOBJ1	60	157.4367	Before	Left Exterior Girder	44.7267	0.95	1	1	4.350841
Gravel Truck_serv	BOBJ1	60	157.4367	Before	Interior Girder 1	44.7267	0.95	1	1	4.55772
Gravel Truck_serv	BOBJ1	60	157.4367	Before	Interior Girder 2	44.7267	0.95	1	1	4.446298
Gravel Truck_serv	BOBJ1	60	157.4367	Before	Interior Girder 3	44.7267	0.95	1	1	4.468362
Gravel Truck_serv	BOBJ1	60	157.4367	Before	Interior Girder 4	44.7267	0.95	1	1	4.468362
Gravel Truck_serv	BOBJ1	60	157.4367	Before	Interior Girder 5	44.7267	0.95	1	1	4.446298
Gravel Truck_serv	BOBJ1	60	157.4367	Before	Interior Girder 6	44.7267	0.95	1	1	4.55772
Gravel Truck_serv	BOBJ1	60	157.4367	Before	Right Exterior Girder	44.7267	0.95	1	1	4.350841
Gravel Truck_serv	BOBJ1	61	157.4367	After	Left Exterior Girder	44.7267	0.95	1	1	4.388478
Gravel Truck_serv	BOBJ1	61	157.4367	After	Interior Girder 1	44.7267	0.95	1	1	4.521394
Gravel Truck_serv	BOBJ1	61	157.4367	After	Interior Girder 2	44.7267	0.95	1	1	4.426659
Gravel Truck_serv	BOBJ1	61	157.4367	After	Interior Girder 3	44.7267	0.95	1	1	4.461834
Gravel Truck_serv	BOBJ1	61	157.4367	After	Interior Girder 4	44.7267	0.95	1	1	4.461834
Gravel Truck_serv	BOBJ1	61	157.4367	After	Interior Girder 5	44.7267	0.95	1	1	4.426659
Gravel Truck_serv	BOBJ1	61	157.4367	After	Interior Girder 6	44.7267	0.95	1	1	4.521394
Gravel Truck_serv	BOBJ1	61	157.4367	After	Right Exterior Girder	44.7267	0.95	1	1	4.388478
Gravel Truck_serv	BOBJ1	62	158.71	Before	Left Exterior Girder	46	0.95	1	1	4.065038
Gravel Truck_serv	BOBJ1	62	158.71	Before	Interior Girder 1	46	0.95	1	1	4.294348
Gravel Truck_serv	BOBJ1	62	158.71	Before	Interior Girder 2	46	0.95	1	1	4.159339
Gravel Truck_serv	BOBJ1	62	158.71	Before	Interior Girder 3	46	0.95	1	1	4.142277
Gravel Truck_serv	BOBJ1	62	158.71	Before	Interior Girder 4	46	0.95	1	1	4.142277
Gravel Truck_serv	BOBJ1	62	158.71	Before	Interior Girder 5	46	0.95	1	1	4.159339
Gravel Truck_serv	BOBJ1	62	158.71	Before	Interior Girder 6	46	0.95	1	1	4.294348
Gravel Truck_serv	BOBJ1	62	158.71	Before	Right Exterior Girder	46	0.95	1	1	4.065038
Gravel Truck_serv	BOBJ1	63	158.71	After	Left Exterior Girder	46	0.95	1	1	5.54167
Gravel Truck_serv	BOBJ1	63	158.71	After	Interior Girder 1	46	0.95	1	1	5.37212

TABLE: Bridge Super Rating AASHTORATE18 31 - SteelICompServ-Flx - Approach, Span 16-19										
Request	BridgeObj	BridgeCut	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	Unitless	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Gravel Truck_serv	BOBJ1	63	158.71	After	Interior Girder 2	46	0.95	1	1	5.188928
Gravel Truck_serv	BOBJ1	63	158.71	After	Interior Girder 3	46	0.95	1	1	5.19443
Gravel Truck_serv	BOBJ1	63	158.71	After	Interior Girder 4	46	0.95	1	1	5.19443
Gravel Truck_serv	BOBJ1	63	158.71	After	Interior Girder 5	46	0.95	1	1	5.188928
Gravel Truck_serv	BOBJ1	63	158.71	After	Interior Girder 6	46	0.95	1	1	5.37212
Gravel Truck_serv	BOBJ1	63	158.71	After	Right Exterior Girder	46	0.95	1	1	5.54167
Gravel Truck_serv	BOBJ1	64	163.8233	Before	Left Exterior Girder	51.1133	0.95	1	1	4.204448
Gravel Truck_serv	BOBJ1	64	163.8233	Before	Interior Girder 1	51.1133	0.95	1	1	4.326419
Gravel Truck_serv	BOBJ1	64	163.8233	Before	Interior Girder 2	51.1133	0.95	1	1	4.108355
Gravel Truck_serv	BOBJ1	64	163.8233	Before	Interior Girder 3	51.1133	0.95	1	1	3.911558
Gravel Truck_serv	BOBJ1	64	163.8233	Before	Interior Girder 4	51.1133	0.95	1	1	3.911558
Gravel Truck_serv	BOBJ1	64	163.8233	Before	Interior Girder 5	51.1133	0.95	1	1	4.108355
Gravel Truck_serv	BOBJ1	64	163.8233	Before	Interior Girder 6	51.1133	0.95	1	1	4.326419
Gravel Truck_serv	BOBJ1	64	163.8233	Before	Right Exterior Girder	51.1133	0.95	1	1	4.204448
Gravel Truck_serv	BOBJ1	65	163.8233	After	Left Exterior Girder	51.1133	0.95	1	1	4.264588
Gravel Truck_serv	BOBJ1	65	163.8233	After	Interior Girder 1	51.1133	0.95	1	1	4.237214
Gravel Truck_serv	BOBJ1	65	163.8233	After	Interior Girder 2	51.1133	0.95	1	1	4.031497
Gravel Truck_serv	BOBJ1	65	163.8233	After	Interior Girder 3	51.1133	0.95	1	1	3.839933
Gravel Truck_serv	BOBJ1	65	163.8233	After	Interior Girder 4	51.1133	0.95	1	1	3.839933
Gravel Truck_serv	BOBJ1	65	163.8233	After	Interior Girder 5	51.1133	0.95	1	1	4.031497
Gravel Truck_serv	BOBJ1	65	163.8233	After	Interior Girder 6	51.1133	0.95	1	1	4.237214
Gravel Truck_serv	BOBJ1	65	163.8233	After	Right Exterior Girder	51.1133	0.95	1	1	4.264588
Gravel Truck_serv	BOBJ1	66	164.71	Before	Left Exterior Girder	52	0.95	1	1	4.038393
Gravel Truck_serv	BOBJ1	66	164.71	Before	Right Exterior Girder	52	0.95	1	1	4.038393
Gravel Truck_serv	BOBJ1	67	164.71	After	Left Exterior Girder	52	0.95	1	1	6.08526
Gravel Truck_serv	BOBJ1	67	164.71	After	Right Exterior Girder	52	0.95	1	1	6.08526
Gravel Truck_serv	BOBJ1	68	170.21	Before	Left Exterior Girder	57.5	0.95	1	1	4.609595
Gravel Truck_serv	BOBJ1	68	170.21	Before	Interior Girder 1	57.5	0.95	1	1	2.895171
Gravel Truck_serv	BOBJ1	68	170.21	Before	Interior Girder 2	57.5	0.95	1	1	2.659442
Gravel Truck_serv	BOBJ1	68	170.21	Before	Interior Girder 3	57.5	0.95	1	1	2.205181
Gravel Truck_serv	BOBJ1	68	170.21	Before	Interior Girder 4	57.5	0.95	1	1	2.205181
Gravel Truck_serv	BOBJ1	68	170.21	Before	Interior Girder 5	57.5	0.95	1	1	2.659442
Gravel Truck_serv	BOBJ1	68	170.21	Before	Interior Girder 6	57.5	0.95	1	1	2.895171
Gravel Truck_serv	BOBJ1	68	170.21	Before	Right Exterior Girder	57.5	0.95	1	1	4.609595
Gravel Truck_serv	BOBJ1	69	170.21	After	Left Exterior Girder	0	0.95	1	1	4.628577
Gravel Truck_serv	BOBJ1	69	170.21	After	Interior Girder 1	0	0.95	1	1	2.787085
Gravel Truck_serv	BOBJ1	69	170.21	After	Interior Girder 2	0	0.95	1	1	2.606511
Gravel Truck_serv	BOBJ1	69	170.21	After	Interior Girder 3	0	0.95	1	1	2.193918
Gravel Truck_serv	BOBJ1	69	170.21	After	Interior Girder 4	0	0.95	1	1	2.193918
Gravel Truck_serv	BOBJ1	69	170.21	After	Interior Girder 5	0	0.95	1	1	2.606511
Gravel Truck_serv	BOBJ1	69	170.21	After	Interior Girder 6	0	0.95	1	1	2.787085
Gravel Truck_serv	BOBJ1	69	170.21	After	Right Exterior Girder	0	0.95	1	1	4.628577
Gravel Truck_serv	BOBJ1	70	176.21	Before	Left Exterior Girder	6	0.95	1	1	7.040182
Gravel Truck_serv	BOBJ1	70	176.21	Before	Right Exterior Girder	6	0.95	1	1	7.040182
Gravel Truck_serv	BOBJ1	71	176.21	After	Left Exterior Girder	6	0.95	1	1	4.743385
Gravel Truck_serv	BOBJ1	71	176.21	After	Right Exterior Girder	6	0.95	1	1	4.743385
Gravel Truck_serv	BOBJ1	72	176.6	Before	Left Exterior Girder	6.39	0.95	1	1	4.858788
Gravel Truck_serv	BOBJ1	72	176.6	Before	Interior Girder 1	6.39	0.95	1	1	4.689697
Gravel Truck_serv	BOBJ1	72	176.6	Before	Interior Girder 2	6.39	0.95	1	1	4.384826
Gravel Truck_serv	BOBJ1	72	176.6	Before	Interior Girder 3	6.39	0.95	1	1	4.16788
Gravel Truck_serv	BOBJ1	72	176.6	Before	Interior Girder 4	6.39	0.95	1	1	4.16788
Gravel Truck_serv	BOBJ1	72	176.6	Before	Interior Girder 5	6.39	0.95	1	1	4.384826
Gravel Truck_serv	BOBJ1	72	176.6	Before	Interior Girder 6	6.39	0.95	1	1	4.689697
Gravel Truck_serv	BOBJ1	72	176.6	Before	Right Exterior Girder	6.39	0.95	1	1	4.858788
Gravel Truck_serv	BOBJ1	73	176.6	After	Left Exterior Girder	6.39	0.95	1	1	4.759431
Gravel Truck_serv	BOBJ1	73	176.6	After	Interior Girder 1	6.39	0.95	1	1	4.801852
Gravel Truck_serv	BOBJ1	73	176.6	After	Interior Girder 2	6.39	0.95	1	1	4.477283
Gravel Truck_serv	BOBJ1	73	176.6	After	Interior Girder 3	6.39	0.95	1	1	4.250727
Gravel Truck_serv	BOBJ1	73	176.6	After	Interior Girder 4	6.39	0.95	1	1	4.250727
Gravel Truck_serv	BOBJ1	73	176.6	After	Interior Girder 5	6.39	0.95	1	1	4.477283
Gravel Truck_serv	BOBJ1	73	176.6	After	Interior Girder 6	6.39	0.95	1	1	4.801852
Gravel Truck_serv	BOBJ1	73	176.6	After	Right Exterior Girder	6.39	0.95	1	1	4.759431
Gravel Truck_serv	BOBJ1	74	182.99	Before	Left Exterior Girder	12.78	0.95	1	1	6.588827
Gravel Truck_serv	BOBJ1	74	182.99	Before	Interior Girder 1	12.78	0.95	1	1	5.63295
Gravel Truck_serv	BOBJ1	74	182.99	Before	Interior Girder 2	12.78	0.95	1	1	5.135022
Gravel Truck_serv	BOBJ1	74	182.99	Before	Interior Girder 3	12.78	0.95	1	1	4.938296
Gravel Truck_serv	BOBJ1	74	182.99	Before	Interior Girder 4	12.78	0.95	1	1	4.938296
Gravel Truck_serv	BOBJ1	74	182.99	Before	Interior Girder 5	12.78	0.95	1	1	5.135022
Gravel Truck_serv	BOBJ1	74	182.99	Before	Interior Girder 6	12.78	0.95	1	1	5.63295
Gravel Truck_serv	BOBJ1	74	182.99	Before	Right Exterior Girder	12.78	0.95	1	1	6.588827
Gravel Truck_serv	BOBJ1	75	182.99	After	Left Exterior Girder	12.78	0.95	1	1	6.539578
Gravel Truck_serv	BOBJ1	75	182.99	After	Interior Girder 1	12.78	0.95	1	1	5.654182
Gravel Truck_serv	BOBJ1	75	182.99	After	Interior Girder 2	12.78	0.95	1	1	5.192692

TABLE: Bridge Super Rating AASHTORATE18 31 - SteelICompServ-Flx - Approach, Span 16-19										
Request	BridgeObj	BridgeCut	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	Unitless	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Gravel Truck_serv	BOBJ1	75	182.99	After	Interior Girder 3	12.78	0.95	1	1	5.123005
Gravel Truck_serv	BOBJ1	75	182.99	After	Interior Girder 4	12.78	0.95	1	1	5.123005
Gravel Truck_serv	BOBJ1	75	182.99	After	Interior Girder 5	12.78	0.95	1	1	5.192692
Gravel Truck_serv	BOBJ1	75	182.99	After	Interior Girder 6	12.78	0.95	1	1	5.654182
Gravel Truck_serv	BOBJ1	75	182.99	After	Right Exterior Girder	12.78	0.95	1	1	6.539578
Gravel Truck_serv	BOBJ1	76	189.38	Before	Left Exterior Girder	19.17	0.95	1	1	4.185795
Gravel Truck_serv	BOBJ1	76	189.38	Before	Interior Girder 1	19.17	0.95	1	1	3.760425
Gravel Truck_serv	BOBJ1	76	189.38	Before	Interior Girder 2	19.17	0.95	1	1	3.445184
Gravel Truck_serv	BOBJ1	76	189.38	Before	Interior Girder 3	19.17	0.95	1	1	3.387515
Gravel Truck_serv	BOBJ1	76	189.38	Before	Interior Girder 4	19.17	0.95	1	1	3.387515
Gravel Truck_serv	BOBJ1	76	189.38	Before	Interior Girder 5	19.17	0.95	1	1	3.445184
Gravel Truck_serv	BOBJ1	76	189.38	Before	Interior Girder 6	19.17	0.95	1	1	3.760425
Gravel Truck_serv	BOBJ1	76	189.38	Before	Right Exterior Girder	19.17	0.95	1	1	4.185795
Gravel Truck_serv	BOBJ1	77	189.38	After	Left Exterior Girder	19.17	0.95	1	1	4.243542
Gravel Truck_serv	BOBJ1	77	189.38	After	Interior Girder 1	19.17	0.95	1	1	3.725864
Gravel Truck_serv	BOBJ1	77	189.38	After	Interior Girder 2	19.17	0.95	1	1	3.443996
Gravel Truck_serv	BOBJ1	77	189.38	After	Interior Girder 3	19.17	0.95	1	1	3.422018
Gravel Truck_serv	BOBJ1	77	189.38	After	Interior Girder 4	19.17	0.95	1	1	3.422018
Gravel Truck_serv	BOBJ1	77	189.38	After	Interior Girder 5	19.17	0.95	1	1	3.443996
Gravel Truck_serv	BOBJ1	77	189.38	After	Interior Girder 6	19.17	0.95	1	1	3.725864
Gravel Truck_serv	BOBJ1	77	189.38	After	Right Exterior Girder	19.17	0.95	1	1	4.243542
Gravel Truck_serv	BOBJ1	78	195.77	Before	Left Exterior Girder	25.56	0.95	1	1	3.268334
Gravel Truck_serv	BOBJ1	78	195.77	Before	Interior Girder 1	25.56	0.95	1	1	2.652245
Gravel Truck_serv	BOBJ1	78	195.77	Before	Interior Girder 2	25.56	0.95	1	1	2.536782
Gravel Truck_serv	BOBJ1	78	195.77	Before	Interior Girder 3	25.56	0.95	1	1	2.469521
Gravel Truck_serv	BOBJ1	78	195.77	Before	Interior Girder 4	25.56	0.95	1	1	2.469521
Gravel Truck_serv	BOBJ1	78	195.77	Before	Interior Girder 5	25.56	0.95	1	1	2.536782
Gravel Truck_serv	BOBJ1	78	195.77	Before	Interior Girder 6	25.56	0.95	1	1	2.652245
Gravel Truck_serv	BOBJ1	78	195.77	Before	Right Exterior Girder	25.56	0.95	1	1	3.268334
Gravel Truck_serv	BOBJ1	79	195.77	After	Left Exterior Girder	25.56	0.95	1	1	3.31509
Gravel Truck_serv	BOBJ1	79	195.77	After	Interior Girder 1	25.56	0.95	1	1	2.623027
Gravel Truck_serv	BOBJ1	79	195.77	After	Interior Girder 2	25.56	0.95	1	1	2.526815
Gravel Truck_serv	BOBJ1	79	195.77	After	Interior Girder 3	25.56	0.95	1	1	2.478127
Gravel Truck_serv	BOBJ1	79	195.77	After	Interior Girder 4	25.56	0.95	1	1	2.478127
Gravel Truck_serv	BOBJ1	79	195.77	After	Interior Girder 5	25.56	0.95	1	1	2.526815
Gravel Truck_serv	BOBJ1	79	195.77	After	Interior Girder 6	25.56	0.95	1	1	2.623027
Gravel Truck_serv	BOBJ1	79	195.77	After	Right Exterior Girder	25.56	0.95	1	1	3.31509
Gravel Truck_serv	BOBJ1	80	202.16	Before	Left Exterior Girder	31.95	0.95	1	1	2.915073
Gravel Truck_serv	BOBJ1	80	202.16	Before	Interior Girder 1	31.95	0.95	1	1	2.368669
Gravel Truck_serv	BOBJ1	80	202.16	Before	Interior Girder 2	31.95	0.95	1	1	2.289282
Gravel Truck_serv	BOBJ1	80	202.16	Before	Interior Girder 3	31.95	0.95	1	1	2.245536
Gravel Truck_serv	BOBJ1	80	202.16	Before	Interior Girder 4	31.95	0.95	1	1	2.245536
Gravel Truck_serv	BOBJ1	80	202.16	Before	Interior Girder 5	31.95	0.95	1	1	2.289282
Gravel Truck_serv	BOBJ1	80	202.16	Before	Interior Girder 6	31.95	0.95	1	1	2.368669
Gravel Truck_serv	BOBJ1	80	202.16	Before	Right Exterior Girder	31.95	0.95	1	1	2.915073
Gravel Truck_serv	BOBJ1	81	202.16	After	Left Exterior Girder	31.95	0.95	1	1	2.893999
Gravel Truck_serv	BOBJ1	81	202.16	After	Interior Girder 1	31.95	0.95	1	1	2.378227
Gravel Truck_serv	BOBJ1	81	202.16	After	Interior Girder 2	31.95	0.95	1	1	2.300414
Gravel Truck_serv	BOBJ1	81	202.16	After	Interior Girder 3	31.95	0.95	1	1	2.252758
Gravel Truck_serv	BOBJ1	81	202.16	After	Interior Girder 4	31.95	0.95	1	1	2.252758
Gravel Truck_serv	BOBJ1	81	202.16	After	Interior Girder 5	31.95	0.95	1	1	2.300414
Gravel Truck_serv	BOBJ1	81	202.16	After	Interior Girder 6	31.95	0.95	1	1	2.378227
Gravel Truck_serv	BOBJ1	81	202.16	After	Right Exterior Girder	31.95	0.95	1	1	2.893999
Gravel Truck_serv	BOBJ1	82	208.55	Before	Left Exterior Girder	38.34	0.95	1	1	2.817191
Gravel Truck_serv	BOBJ1	82	208.55	Before	Interior Girder 1	38.34	0.95	1	1	2.569503
Gravel Truck_serv	BOBJ1	82	208.55	Before	Interior Girder 2	38.34	0.95	1	1	2.458827
Gravel Truck_serv	BOBJ1	82	208.55	Before	Interior Girder 3	38.34	0.95	1	1	2.448367
Gravel Truck_serv	BOBJ1	82	208.55	Before	Interior Girder 4	38.34	0.95	1	1	2.448367
Gravel Truck_serv	BOBJ1	82	208.55	Before	Interior Girder 5	38.34	0.95	1	1	2.458827
Gravel Truck_serv	BOBJ1	82	208.55	Before	Interior Girder 6	38.34	0.95	1	1	2.569503
Gravel Truck_serv	BOBJ1	82	208.55	Before	Right Exterior Girder	38.34	0.95	1	1	2.817191
Gravel Truck_serv	BOBJ1	83	208.55	After	Left Exterior Girder	38.34	0.95	1	1	2.792941
Gravel Truck_serv	BOBJ1	83	208.55	After	Interior Girder 1	38.34	0.95	1	1	2.583311
Gravel Truck_serv	BOBJ1	83	208.55	After	Interior Girder 2	38.34	0.95	1	1	2.45765
Gravel Truck_serv	BOBJ1	83	208.55	After	Interior Girder 3	38.34	0.95	1	1	2.440512
Gravel Truck_serv	BOBJ1	83	208.55	After	Interior Girder 4	38.34	0.95	1	1	2.440512
Gravel Truck_serv	BOBJ1	83	208.55	After	Interior Girder 5	38.34	0.95	1	1	2.45765
Gravel Truck_serv	BOBJ1	83	208.55	After	Interior Girder 6	38.34	0.95	1	1	2.583311
Gravel Truck_serv	BOBJ1	83	208.55	After	Right Exterior Girder	38.34	0.95	1	1	2.792941
Gravel Truck_serv	BOBJ1	84	215.1233	Before	Left Exterior Girder	44.9133	0.95	1	1	3.871749
Gravel Truck_serv	BOBJ1	84	215.1233	Before	Interior Girder 1	44.9133	0.95	1	1	2.998322
Gravel Truck_serv	BOBJ1	84	215.1233	Before	Interior Girder 2	44.9133	0.95	1	1	2.852019
Gravel Truck_serv	BOBJ1	84	215.1233	Before	Interior Girder 3	44.9133	0.95	1	1	2.741704

TABLE: Bridge Super Rating AASHTORATE18 31 - SteelICompServ-Flx - Approach, Span 16-19										
Request	BridgeObj	BridgeCut	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	Unitless	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Gravel Truck_serv	BOBJ1	84	215.1233	Before	Interior Girder 4	44.9133	0.95	1	1	2.741704
Gravel Truck_serv	BOBJ1	84	215.1233	Before	Interior Girder 5	44.9133	0.95	1	1	2.852019
Gravel Truck_serv	BOBJ1	84	215.1233	Before	Interior Girder 6	44.9133	0.95	1	1	2.998322
Gravel Truck_serv	BOBJ1	84	215.1233	Before	Right Exterior Girder	44.9133	0.95	1	1	3.871749
Gravel Truck_serv	BOBJ1	85	215.1233	After	Left Exterior Girder	44.9133	0.95	1	1	3.855694
Gravel Truck_serv	BOBJ1	85	215.1233	After	Interior Girder 1	44.9133	0.95	1	1	3.003336
Gravel Truck_serv	BOBJ1	85	215.1233	After	Interior Girder 2	44.9133	0.95	1	1	2.81275
Gravel Truck_serv	BOBJ1	85	215.1233	After	Interior Girder 3	44.9133	0.95	1	1	2.691847
Gravel Truck_serv	BOBJ1	85	215.1233	After	Interior Girder 4	44.9133	0.95	1	1	2.691847
Gravel Truck_serv	BOBJ1	85	215.1233	After	Interior Girder 5	44.9133	0.95	1	1	2.81275
Gravel Truck_serv	BOBJ1	85	215.1233	After	Interior Girder 6	44.9133	0.95	1	1	3.003336
Gravel Truck_serv	BOBJ1	85	215.1233	After	Right Exterior Girder	44.9133	0.95	1	1	3.855694
Gravel Truck_serv	BOBJ1	86	221.6967	Before	Left Exterior Girder	51.4867	0.95	1	1	7.588914
Gravel Truck_serv	BOBJ1	86	221.6967	Before	Interior Girder 1	51.4867	0.95	1	1	4.911175
Gravel Truck_serv	BOBJ1	86	221.6967	Before	Interior Girder 2	51.4867	0.95	1	1	4.689838
Gravel Truck_serv	BOBJ1	86	221.6967	Before	Interior Girder 3	51.4867	0.95	1	1	4.29455
Gravel Truck_serv	BOBJ1	86	221.6967	Before	Interior Girder 4	51.4867	0.95	1	1	4.29455
Gravel Truck_serv	BOBJ1	86	221.6967	Before	Interior Girder 5	51.4867	0.95	1	1	4.689838
Gravel Truck_serv	BOBJ1	86	221.6967	Before	Interior Girder 6	51.4867	0.95	1	1	4.911175
Gravel Truck_serv	BOBJ1	86	221.6967	Before	Right Exterior Girder	51.4867	0.95	1	1	7.588914
Gravel Truck_serv	BOBJ1	87	221.6967	After	Left Exterior Girder	51.4867	0.95	1	1	7.548238
Gravel Truck_serv	BOBJ1	87	221.6967	After	Interior Girder 1	51.4867	0.95	1	1	4.925418
Gravel Truck_serv	BOBJ1	87	221.6967	After	Interior Girder 2	51.4867	0.95	1	1	4.613819
Gravel Truck_serv	BOBJ1	87	221.6967	After	Interior Girder 3	51.4867	0.95	1	1	4.123649
Gravel Truck_serv	BOBJ1	87	221.6967	After	Interior Girder 4	51.4867	0.95	1	1	4.123649
Gravel Truck_serv	BOBJ1	87	221.6967	After	Interior Girder 5	51.4867	0.95	1	1	4.613819
Gravel Truck_serv	BOBJ1	87	221.6967	After	Interior Girder 6	51.4867	0.95	1	1	4.925418
Gravel Truck_serv	BOBJ1	87	221.6967	After	Right Exterior Girder	51.4867	0.95	1	1	7.548238
Gravel Truck_serv	BOBJ1	88	228.27	Before	Left Exterior Girder	58.06	0.95	1	1	443.624718
Gravel Truck_serv	BOBJ1	88	228.27	Before	Interior Girder 1	58.06	0.95	1	1	372.346772
Gravel Truck_serv	BOBJ1	88	228.27	Before	Interior Girder 2	58.06	0.95	1	1	195.96433
Gravel Truck_serv	BOBJ1	88	228.27	Before	Interior Girder 3	58.06	0.95	1	1	144.798741
Gravel Truck_serv	BOBJ1	88	228.27	Before	Interior Girder 4	58.06	0.95	1	1	144.79874
Gravel Truck_serv	BOBJ1	88	228.27	Before	Interior Girder 5	58.06	0.95	1	1	195.96433
Gravel Truck_serv	BOBJ1	88	228.27	Before	Interior Girder 6	58.06	0.95	1	1	372.346772
Gravel Truck_serv	BOBJ1	88	228.27	Before	Right Exterior Girder	58.06	0.95	1	1	443.624717
Annual Perm 1_serv	BOBJ1	1	0	After	Left Exterior Girder	0	0.95	1	1	579.798131
Annual Perm 1_serv	BOBJ1	1	0	After	Interior Girder 1	0	0.95	1	1	412.982473
Annual Perm 1_serv	BOBJ1	1	0	After	Interior Girder 2	0	0.95	1	1	259.182651
Annual Perm 1_serv	BOBJ1	1	0	After	Interior Girder 3	0	0.95	1	1	214.363625
Annual Perm 1_serv	BOBJ1	1	0	After	Interior Girder 4	0	0.95	1	1	214.363626
Annual Perm 1_serv	BOBJ1	1	0	After	Interior Girder 5	0	0.95	1	1	259.182654
Annual Perm 1_serv	BOBJ1	1	0	After	Interior Girder 6	0	0.95	1	1	412.982472
Annual Perm 1_serv	BOBJ1	1	0	After	Right Exterior Girder	0	0.95	1	1	579.79813
Annual Perm 1_serv	BOBJ1	2	5.3833	Before	Left Exterior Girder	5.3833	0.95	1	1	9.73708
Annual Perm 1_serv	BOBJ1	2	5.3833	Before	Interior Girder 1	5.3833	0.95	1	1	6.631391
Annual Perm 1_serv	BOBJ1	2	5.3833	Before	Interior Girder 2	5.3833	0.95	1	1	6.335162
Annual Perm 1_serv	BOBJ1	2	5.3833	Before	Interior Girder 3	5.3833	0.95	1	1	5.511028
Annual Perm 1_serv	BOBJ1	2	5.3833	Before	Interior Girder 4	5.3833	0.95	1	1	5.511028
Annual Perm 1_serv	BOBJ1	2	5.3833	Before	Interior Girder 5	5.3833	0.95	1	1	6.335162
Annual Perm 1_serv	BOBJ1	2	5.3833	Before	Interior Girder 6	5.3833	0.95	1	1	6.631391
Annual Perm 1_serv	BOBJ1	2	5.3833	Before	Right Exterior Girder	5.3833	0.95	1	1	9.73708
Annual Perm 1_serv	BOBJ1	3	5.3833	After	Left Exterior Girder	5.3833	0.95	1	1	9.889881
Annual Perm 1_serv	BOBJ1	3	5.3833	After	Interior Girder 1	5.3833	0.95	1	1	6.643079
Annual Perm 1_serv	BOBJ1	3	5.3833	After	Interior Girder 2	5.3833	0.95	1	1	6.502659
Annual Perm 1_serv	BOBJ1	3	5.3833	After	Interior Girder 3	5.3833	0.95	1	1	5.704368
Annual Perm 1_serv	BOBJ1	3	5.3833	After	Interior Girder 4	5.3833	0.95	1	1	5.704368
Annual Perm 1_serv	BOBJ1	3	5.3833	After	Interior Girder 5	5.3833	0.95	1	1	6.502659
Annual Perm 1_serv	BOBJ1	3	5.3833	After	Interior Girder 6	5.3833	0.95	1	1	6.643079
Annual Perm 1_serv	BOBJ1	3	5.3833	After	Right Exterior Girder	5.3833	0.95	1	1	9.889881
Annual Perm 1_serv	BOBJ1	4	10.7667	Before	Left Exterior Girder	10.7667	0.95	1	1	5.543437
Annual Perm 1_serv	BOBJ1	4	10.7667	Before	Interior Girder 1	10.7667	0.95	1	1	4.360258
Annual Perm 1_serv	BOBJ1	4	10.7667	Before	Interior Girder 2	10.7667	0.95	1	1	4.344174
Annual Perm 1_serv	BOBJ1	4	10.7667	Before	Interior Girder 3	10.7667	0.95	1	1	3.888562
Annual Perm 1_serv	BOBJ1	4	10.7667	Before	Interior Girder 4	10.7667	0.95	1	1	3.888562
Annual Perm 1_serv	BOBJ1	4	10.7667	Before	Interior Girder 5	10.7667	0.95	1	1	4.344174
Annual Perm 1_serv	BOBJ1	4	10.7667	Before	Interior Girder 6	10.7667	0.95	1	1	4.360258
Annual Perm 1_serv	BOBJ1	4	10.7667	Before	Right Exterior Girder	10.7667	0.95	1	1	5.543437
Annual Perm 1_serv	BOBJ1	5	10.7667	After	Left Exterior Girder	10.7667	0.95	1	1	5.518727
Annual Perm 1_serv	BOBJ1	5	10.7667	After	Interior Girder 1	10.7667	0.95	1	1	4.372558
Annual Perm 1_serv	BOBJ1	5	10.7667	After	Interior Girder 2	10.7667	0.95	1	1	4.423394
Annual Perm 1_serv	BOBJ1	5	10.7667	After	Interior Girder 3	10.7667	0.95	1	1	3.970488
Annual Perm 1_serv	BOBJ1	5	10.7667	After	Interior Girder 4	10.7667	0.95	1	1	3.970488

TABLE: Bridge Super Rating AASHTORATE18 31 - SteelICompServ-Flx - Approach, Span 16-19										
Request	BridgeObj	BridgeCut	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	Unitless	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Annual Perm 1_serv	BOBJ1	5	10.7667	After	Interior Girder 5	10.7667	0.95	1	1	4.423394
Annual Perm 1_serv	BOBJ1	5	10.7667	After	Interior Girder 6	10.7667	0.95	1	1	4.372558
Annual Perm 1_serv	BOBJ1	5	10.7667	After	Right Exterior Girder	10.7667	0.95	1	1	5.518727
Annual Perm 1_serv	BOBJ1	6	16.15	Before	Left Exterior Girder	16.15	0.95	1	1	4.195176
Annual Perm 1_serv	BOBJ1	6	16.15	Before	Interior Girder 1	16.15	0.95	1	1	3.892448
Annual Perm 1_serv	BOBJ1	6	16.15	Before	Interior Girder 2	16.15	0.95	1	1	3.980281
Annual Perm 1_serv	BOBJ1	6	16.15	Before	Interior Girder 3	16.15	0.95	1	1	3.812627
Annual Perm 1_serv	BOBJ1	6	16.15	Before	Interior Girder 4	16.15	0.95	1	1	3.812627
Annual Perm 1_serv	BOBJ1	6	16.15	Before	Interior Girder 5	16.15	0.95	1	1	3.980281
Annual Perm 1_serv	BOBJ1	6	16.15	Before	Interior Girder 6	16.15	0.95	1	1	3.892447
Annual Perm 1_serv	BOBJ1	6	16.15	Before	Right Exterior Girder	16.15	0.95	1	1	4.195176
Annual Perm 1_serv	BOBJ1	7	16.15	After	Left Exterior Girder	16.15	0.95	1	1	4.213916
Annual Perm 1_serv	BOBJ1	7	16.15	After	Interior Girder 1	16.15	0.95	1	1	3.877583
Annual Perm 1_serv	BOBJ1	7	16.15	After	Interior Girder 2	16.15	0.95	1	1	3.988294
Annual Perm 1_serv	BOBJ1	7	16.15	After	Interior Girder 3	16.15	0.95	1	1	3.82718
Annual Perm 1_serv	BOBJ1	7	16.15	After	Interior Girder 4	16.15	0.95	1	1	3.82718
Annual Perm 1_serv	BOBJ1	7	16.15	After	Interior Girder 5	16.15	0.95	1	1	3.988294
Annual Perm 1_serv	BOBJ1	7	16.15	After	Interior Girder 6	16.15	0.95	1	1	3.877583
Annual Perm 1_serv	BOBJ1	7	16.15	After	Right Exterior Girder	16.15	0.95	1	1	4.213916
Annual Perm 1_serv	BOBJ1	8	22.1267	Before	Left Exterior Girder	22.1267	0.95	1	1	4.693593
Annual Perm 1_serv	BOBJ1	8	22.1267	Before	Interior Girder 1	22.1267	0.95	1	1	3.744782
Annual Perm 1_serv	BOBJ1	8	22.1267	Before	Interior Girder 2	22.1267	0.95	1	1	3.816852
Annual Perm 1_serv	BOBJ1	8	22.1267	Before	Interior Girder 3	22.1267	0.95	1	1	3.467505
Annual Perm 1_serv	BOBJ1	8	22.1267	Before	Interior Girder 4	22.1267	0.95	1	1	3.467505
Annual Perm 1_serv	BOBJ1	8	22.1267	Before	Interior Girder 5	22.1267	0.95	1	1	3.816852
Annual Perm 1_serv	BOBJ1	8	22.1267	Before	Interior Girder 6	22.1267	0.95	1	1	3.744782
Annual Perm 1_serv	BOBJ1	8	22.1267	Before	Right Exterior Girder	22.1267	0.95	1	1	4.693593
Annual Perm 1_serv	BOBJ1	9	22.1267	After	Left Exterior Girder	22.1267	0.95	1	1	4.726158
Annual Perm 1_serv	BOBJ1	9	22.1267	After	Interior Girder 1	22.1267	0.95	1	1	3.731038
Annual Perm 1_serv	BOBJ1	9	22.1267	After	Interior Girder 2	22.1267	0.95	1	1	3.788696
Annual Perm 1_serv	BOBJ1	9	22.1267	After	Interior Girder 3	22.1267	0.95	1	1	3.437373
Annual Perm 1_serv	BOBJ1	9	22.1267	After	Interior Girder 4	22.1267	0.95	1	1	3.437373
Annual Perm 1_serv	BOBJ1	9	22.1267	After	Interior Girder 5	22.1267	0.95	1	1	3.788696
Annual Perm 1_serv	BOBJ1	9	22.1267	After	Interior Girder 6	22.1267	0.95	1	1	3.731038
Annual Perm 1_serv	BOBJ1	9	22.1267	After	Right Exterior Girder	22.1267	0.95	1	1	4.726158
Annual Perm 1_serv	BOBJ1	10	28.1033	Before	Left Exterior Girder	28.1033	0.95	1	1	5.720375
Annual Perm 1_serv	BOBJ1	10	28.1033	Before	Interior Girder 1	28.1033	0.95	1	1	4.391608
Annual Perm 1_serv	BOBJ1	10	28.1033	Before	Interior Girder 2	28.1033	0.95	1	1	4.443484
Annual Perm 1_serv	BOBJ1	10	28.1033	Before	Interior Girder 3	28.1033	0.95	1	1	4.043041
Annual Perm 1_serv	BOBJ1	10	28.1033	Before	Interior Girder 4	28.1033	0.95	1	1	4.043041
Annual Perm 1_serv	BOBJ1	10	28.1033	Before	Interior Girder 5	28.1033	0.95	1	1	4.443484
Annual Perm 1_serv	BOBJ1	10	28.1033	Before	Interior Girder 6	28.1033	0.95	1	1	4.391608
Annual Perm 1_serv	BOBJ1	10	28.1033	Before	Right Exterior Girder	28.1033	0.95	1	1	5.720375
Annual Perm 1_serv	BOBJ1	11	28.1033	After	Left Exterior Girder	28.1033	0.95	1	1	5.647929
Annual Perm 1_serv	BOBJ1	11	28.1033	After	Interior Girder 1	28.1033	0.95	1	1	4.428632
Annual Perm 1_serv	BOBJ1	11	28.1033	After	Interior Girder 2	28.1033	0.95	1	1	4.438222
Annual Perm 1_serv	BOBJ1	11	28.1033	After	Interior Girder 3	28.1033	0.95	1	1	4.008604
Annual Perm 1_serv	BOBJ1	11	28.1033	After	Interior Girder 4	28.1033	0.95	1	1	4.008604
Annual Perm 1_serv	BOBJ1	11	28.1033	After	Interior Girder 5	28.1033	0.95	1	1	4.438222
Annual Perm 1_serv	BOBJ1	11	28.1033	After	Interior Girder 6	28.1033	0.95	1	1	4.428632
Annual Perm 1_serv	BOBJ1	11	28.1033	After	Right Exterior Girder	28.1033	0.95	1	1	5.647929
Annual Perm 1_serv	BOBJ1	12	34.08	Before	Left Exterior Girder	34.08	0.95	1	1	4.182636
Annual Perm 1_serv	BOBJ1	12	34.08	Before	Interior Girder 1	34.08	0.95	1	1	4.335747
Annual Perm 1_serv	BOBJ1	12	34.08	Before	Interior Girder 2	34.08	0.95	1	1	4.844477
Annual Perm 1_serv	BOBJ1	12	34.08	Before	Interior Girder 3	34.08	0.95	1	1	5.199275
Annual Perm 1_serv	BOBJ1	12	34.08	Before	Interior Girder 4	34.08	0.95	1	1	5.199275
Annual Perm 1_serv	BOBJ1	12	34.08	Before	Interior Girder 5	34.08	0.95	1	1	4.844477
Annual Perm 1_serv	BOBJ1	12	34.08	Before	Interior Girder 6	34.08	0.95	1	1	4.335747
Annual Perm 1_serv	BOBJ1	12	34.08	Before	Right Exterior Girder	34.08	0.95	1	1	4.182636
Annual Perm 1_serv	BOBJ1	13	34.08	After	Left Exterior Girder	34.08	0.95	1	1	4.223879
Annual Perm 1_serv	BOBJ1	13	34.08	After	Interior Girder 1	34.08	0.95	1	1	4.290698
Annual Perm 1_serv	BOBJ1	13	34.08	After	Interior Girder 2	34.08	0.95	1	1	4.814801
Annual Perm 1_serv	BOBJ1	13	34.08	After	Interior Girder 3	34.08	0.95	1	1	5.195822
Annual Perm 1_serv	BOBJ1	13	34.08	After	Interior Girder 4	34.08	0.95	1	1	5.195822
Annual Perm 1_serv	BOBJ1	13	34.08	After	Interior Girder 5	34.08	0.95	1	1	4.814801
Annual Perm 1_serv	BOBJ1	13	34.08	After	Interior Girder 6	34.08	0.95	1	1	4.290698
Annual Perm 1_serv	BOBJ1	13	34.08	After	Right Exterior Girder	34.08	0.95	1	1	4.223879
Annual Perm 1_serv	BOBJ1	14	39.855	Before	Left Exterior Girder	39.855	0.95	1	1	2.695686
Annual Perm 1_serv	BOBJ1	14	39.855	Before	Interior Girder 1	39.855	0.95	1	1	2.883929
Annual Perm 1_serv	BOBJ1	14	39.855	Before	Interior Girder 2	39.855	0.95	1	1	3.115072
Annual Perm 1_serv	BOBJ1	14	39.855	Before	Interior Girder 3	39.855	0.95	1	1	2.804538
Annual Perm 1_serv	BOBJ1	14	39.855	Before	Interior Girder 4	39.855	0.95	1	1	2.804538
Annual Perm 1_serv	BOBJ1	14	39.855	Before	Interior Girder 5	39.855	0.95	1	1	3.115072

TABLE: Bridge Super Rating AASHTORATE18 31 - SteelICompServ-Flx - Approach, Span 16-19										
Request	BridgeObj	BridgeCut	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	Unitless	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Annual Perm 1_serv	BOBJ1	14	39.855	Before	Interior Girder 6	39.855	0.95	1	1	2.883929
Annual Perm 1_serv	BOBJ1	14	39.855	Before	Right Exterior Girder	39.855	0.95	1	1	2.695686
Annual Perm 1_serv	BOBJ1	15	39.855	After	Left Exterior Girder	39.855	0.95	1	1	2.762894
Annual Perm 1_serv	BOBJ1	15	39.855	After	Interior Girder 1	39.855	0.95	1	1	2.874511
Annual Perm 1_serv	BOBJ1	15	39.855	After	Interior Girder 2	39.855	0.95	1	1	3.158074
Annual Perm 1_serv	BOBJ1	15	39.855	After	Interior Girder 3	39.855	0.95	1	1	2.873393
Annual Perm 1_serv	BOBJ1	15	39.855	After	Interior Girder 4	39.855	0.95	1	1	2.873393
Annual Perm 1_serv	BOBJ1	15	39.855	After	Interior Girder 5	39.855	0.95	1	1	3.158074
Annual Perm 1_serv	BOBJ1	15	39.855	After	Interior Girder 6	39.855	0.95	1	1	2.874511
Annual Perm 1_serv	BOBJ1	15	39.855	After	Right Exterior Girder	39.855	0.95	1	1	2.762894
Annual Perm 1_serv	BOBJ1	16	40.0288	Before	Left Exterior Girder	40.0288	0.95	1	1	2.682324
Annual Perm 1_serv	BOBJ1	16	40.0288	Before	Right Exterior Girder	40.0288	0.95	1	1	2.682324
Annual Perm 1_serv	BOBJ1	17	40.0288	After	Left Exterior Girder	40.0288	0.95	1	1	3.884329
Annual Perm 1_serv	BOBJ1	17	40.0288	After	Right Exterior Girder	40.0288	0.95	1	1	3.884329
Annual Perm 1_serv	BOBJ1	18	45.63	Before	Left Exterior Girder	45.63	0.95	1	1	2.003724
Annual Perm 1_serv	BOBJ1	18	45.63	Before	Interior Girder 1	45.63	0.95	1	1	1.452293
Annual Perm 1_serv	BOBJ1	18	45.63	Before	Interior Girder 2	45.63	0.95	1	1	1.576588
Annual Perm 1_serv	BOBJ1	18	45.63	Before	Interior Girder 3	45.63	0.95	1	1	1.271007
Annual Perm 1_serv	BOBJ1	18	45.63	Before	Interior Girder 4	45.63	0.95	1	1	1.271007
Annual Perm 1_serv	BOBJ1	18	45.63	Before	Interior Girder 5	45.63	0.95	1	1	1.576588
Annual Perm 1_serv	BOBJ1	18	45.63	Before	Interior Girder 6	45.63	0.95	1	1	1.452293
Annual Perm 1_serv	BOBJ1	18	45.63	Before	Right Exterior Girder	45.63	0.95	1	1	2.003724
Annual Perm 1_serv	BOBJ1	19	45.63	After	Left Exterior Girder	0	0.95	1	1	1.950633
Annual Perm 1_serv	BOBJ1	19	45.63	After	Interior Girder 1	0	0.95	1	1	1.452188
Annual Perm 1_serv	BOBJ1	19	45.63	After	Interior Girder 2	0	0.95	1	1	1.580479
Annual Perm 1_serv	BOBJ1	19	45.63	After	Interior Girder 3	0	0.95	1	1	1.267488
Annual Perm 1_serv	BOBJ1	19	45.63	After	Interior Girder 4	0	0.95	1	1	1.267488
Annual Perm 1_serv	BOBJ1	19	45.63	After	Interior Girder 5	0	0.95	1	1	1.580479
Annual Perm 1_serv	BOBJ1	19	45.63	After	Interior Girder 6	0	0.95	1	1	1.452188
Annual Perm 1_serv	BOBJ1	19	45.63	After	Right Exterior Girder	0	0.95	1	1	1.950633
Annual Perm 1_serv	BOBJ1	20	50.6298	Before	Left Exterior Girder	4.9998	0.95	1	1	4.086058
Annual Perm 1_serv	BOBJ1	20	50.6298	Before	Right Exterior Girder	4.9998	0.95	1	1	4.086058
Annual Perm 1_serv	BOBJ1	21	50.6298	After	Left Exterior Girder	4.9998	0.95	1	1	2.731371
Annual Perm 1_serv	BOBJ1	21	50.6298	After	Right Exterior Girder	4.9998	0.95	1	1	2.731371
Annual Perm 1_serv	BOBJ1	22	51.4	Before	Left Exterior Girder	5.77	0.95	1	1	3.302723
Annual Perm 1_serv	BOBJ1	22	51.4	Before	Interior Girder 1	5.77	0.95	1	1	3.082152
Annual Perm 1_serv	BOBJ1	22	51.4	Before	Interior Girder 2	5.77	0.95	1	1	3.320951
Annual Perm 1_serv	BOBJ1	22	51.4	Before	Interior Girder 3	5.77	0.95	1	1	2.902823
Annual Perm 1_serv	BOBJ1	22	51.4	Before	Interior Girder 4	5.77	0.95	1	1	2.902823
Annual Perm 1_serv	BOBJ1	22	51.4	Before	Interior Girder 5	5.77	0.95	1	1	3.320951
Annual Perm 1_serv	BOBJ1	22	51.4	Before	Interior Girder 6	5.77	0.95	1	1	3.082152
Annual Perm 1_serv	BOBJ1	22	51.4	Before	Right Exterior Girder	5.77	0.95	1	1	3.302723
Annual Perm 1_serv	BOBJ1	23	51.4	After	Left Exterior Girder	5.77	0.95	1	1	3.195288
Annual Perm 1_serv	BOBJ1	23	51.4	After	Interior Girder 1	5.77	0.95	1	1	3.149157
Annual Perm 1_serv	BOBJ1	23	51.4	After	Interior Girder 2	5.77	0.95	1	1	3.298165
Annual Perm 1_serv	BOBJ1	23	51.4	After	Interior Girder 3	5.77	0.95	1	1	2.838516
Annual Perm 1_serv	BOBJ1	23	51.4	After	Interior Girder 4	5.77	0.95	1	1	2.838516
Annual Perm 1_serv	BOBJ1	23	51.4	After	Interior Girder 5	5.77	0.95	1	1	3.298165
Annual Perm 1_serv	BOBJ1	23	51.4	After	Interior Girder 6	5.77	0.95	1	1	3.149157
Annual Perm 1_serv	BOBJ1	23	51.4	After	Right Exterior Girder	5.77	0.95	1	1	3.195288
Annual Perm 1_serv	BOBJ1	24	57.17	Before	Left Exterior Girder	11.54	0.95	1	1	7.90676
Annual Perm 1_serv	BOBJ1	24	57.17	Before	Interior Girder 1	11.54	0.95	1	1	6.938121
Annual Perm 1_serv	BOBJ1	24	57.17	Before	Interior Girder 2	11.54	0.95	1	1	7.141003
Annual Perm 1_serv	BOBJ1	24	57.17	Before	Interior Girder 3	11.54	0.95	1	1	7.260733
Annual Perm 1_serv	BOBJ1	24	57.17	Before	Interior Girder 4	11.54	0.95	1	1	7.260733
Annual Perm 1_serv	BOBJ1	24	57.17	Before	Interior Girder 5	11.54	0.95	1	1	7.141003
Annual Perm 1_serv	BOBJ1	24	57.17	Before	Interior Girder 6	11.54	0.95	1	1	6.938121
Annual Perm 1_serv	BOBJ1	24	57.17	Before	Right Exterior Girder	11.54	0.95	1	1	7.90676
Annual Perm 1_serv	BOBJ1	25	57.17	After	Left Exterior Girder	11.54	0.95	1	1	7.684649
Annual Perm 1_serv	BOBJ1	25	57.17	After	Interior Girder 1	11.54	0.95	1	1	7.018163
Annual Perm 1_serv	BOBJ1	25	57.17	After	Interior Girder 2	11.54	0.95	1	1	7.150857
Annual Perm 1_serv	BOBJ1	25	57.17	After	Interior Girder 3	11.54	0.95	1	1	7.026576
Annual Perm 1_serv	BOBJ1	25	57.17	After	Interior Girder 4	11.54	0.95	1	1	7.026576
Annual Perm 1_serv	BOBJ1	25	57.17	After	Interior Girder 5	11.54	0.95	1	1	7.150857
Annual Perm 1_serv	BOBJ1	25	57.17	After	Interior Girder 6	11.54	0.95	1	1	7.018163
Annual Perm 1_serv	BOBJ1	25	57.17	After	Right Exterior Girder	11.54	0.95	1	1	7.684649
Annual Perm 1_serv	BOBJ1	26	63.34	Before	Left Exterior Girder	17.71	0.95	1	1	5.420019
Annual Perm 1_serv	BOBJ1	26	63.34	Before	Interior Girder 1	17.71	0.95	1	1	4.373101
Annual Perm 1_serv	BOBJ1	26	63.34	Before	Interior Girder 2	17.71	0.95	1	1	4.364206
Annual Perm 1_serv	BOBJ1	26	63.34	Before	Interior Girder 3	17.71	0.95	1	1	3.954517
Annual Perm 1_serv	BOBJ1	26	63.34	Before	Interior Girder 4	17.71	0.95	1	1	3.954517
Annual Perm 1_serv	BOBJ1	26	63.34	Before	Interior Girder 5	17.71	0.95	1	1	4.364206
Annual Perm 1_serv	BOBJ1	26	63.34	Before	Interior Girder 6	17.71	0.95	1	1	4.373101

TABLE: Bridge Super Rating AASHTORATE18 31 - SteelICompServ-Flx - Approach, Span 16-19										
Request	BridgeObj	BridgeCut	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	Unitless	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Annual Perm 1_serv	BOBJ1	26	63.34	Before	Right Exterior Girder	17.71	0.95	1	1	5.420019
Annual Perm 1_serv	BOBJ1	27	63.34	After	Left Exterior Girder	17.71	0.95	1	1	5.60667
Annual Perm 1_serv	BOBJ1	27	63.34	After	Interior Girder 1	17.71	0.95	1	1	4.307483
Annual Perm 1_serv	BOBJ1	27	63.34	After	Interior Girder 2	17.71	0.95	1	1	4.336975
Annual Perm 1_serv	BOBJ1	27	63.34	After	Interior Girder 3	17.71	0.95	1	1	3.995738
Annual Perm 1_serv	BOBJ1	27	63.34	After	Interior Girder 4	17.71	0.95	1	1	3.995738
Annual Perm 1_serv	BOBJ1	27	63.34	After	Interior Girder 5	17.71	0.95	1	1	4.336975
Annual Perm 1_serv	BOBJ1	27	63.34	After	Interior Girder 6	17.71	0.95	1	1	4.307483
Annual Perm 1_serv	BOBJ1	27	63.34	After	Right Exterior Girder	17.71	0.95	1	1	5.60667
Annual Perm 1_serv	BOBJ1	28	69.51	Before	Left Exterior Girder	23.88	0.95	1	1	3.532272
Annual Perm 1_serv	BOBJ1	28	69.51	Before	Interior Girder 1	23.88	0.95	1	1	3.147368
Annual Perm 1_serv	BOBJ1	28	69.51	Before	Interior Girder 2	23.88	0.95	1	1	3.293742
Annual Perm 1_serv	BOBJ1	28	69.51	Before	Interior Girder 3	23.88	0.95	1	1	3.11452
Annual Perm 1_serv	BOBJ1	28	69.51	Before	Interior Girder 4	23.88	0.95	1	1	3.11452
Annual Perm 1_serv	BOBJ1	28	69.51	Before	Interior Girder 5	23.88	0.95	1	1	3.293742
Annual Perm 1_serv	BOBJ1	28	69.51	Before	Interior Girder 6	23.88	0.95	1	1	3.147368
Annual Perm 1_serv	BOBJ1	28	69.51	Before	Right Exterior Girder	23.88	0.95	1	1	3.532272
Annual Perm 1_serv	BOBJ1	29	69.51	After	Left Exterior Girder	23.88	0.95	1	1	3.557791
Annual Perm 1_serv	BOBJ1	29	69.51	After	Interior Girder 1	23.88	0.95	1	1	3.144971
Annual Perm 1_serv	BOBJ1	29	69.51	After	Interior Girder 2	23.88	0.95	1	1	3.307484
Annual Perm 1_serv	BOBJ1	29	69.51	After	Interior Girder 3	23.88	0.95	1	1	3.156019
Annual Perm 1_serv	BOBJ1	29	69.51	After	Interior Girder 4	23.88	0.95	1	1	3.156019
Annual Perm 1_serv	BOBJ1	29	69.51	After	Interior Girder 5	23.88	0.95	1	1	3.307484
Annual Perm 1_serv	BOBJ1	29	69.51	After	Interior Girder 6	23.88	0.95	1	1	3.144971
Annual Perm 1_serv	BOBJ1	29	69.51	After	Right Exterior Girder	23.88	0.95	1	1	3.557791
Annual Perm 1_serv	BOBJ1	30	75.68	Before	Left Exterior Girder	30.05	0.95	1	1	2.758796
Annual Perm 1_serv	BOBJ1	30	75.68	Before	Interior Girder 1	30.05	0.95	1	1	2.879839
Annual Perm 1_serv	BOBJ1	30	75.68	Before	Interior Girder 2	30.05	0.95	1	1	3.118805
Annual Perm 1_serv	BOBJ1	30	75.68	Before	Interior Girder 3	30.05	0.95	1	1	3.143863
Annual Perm 1_serv	BOBJ1	30	75.68	Before	Interior Girder 4	30.05	0.95	1	1	3.143863
Annual Perm 1_serv	BOBJ1	30	75.68	Before	Interior Girder 5	30.05	0.95	1	1	3.118805
Annual Perm 1_serv	BOBJ1	30	75.68	Before	Interior Girder 6	30.05	0.95	1	1	2.879839
Annual Perm 1_serv	BOBJ1	30	75.68	Before	Right Exterior Girder	30.05	0.95	1	1	2.758796
Annual Perm 1_serv	BOBJ1	31	75.68	After	Left Exterior Girder	30.05	0.95	1	1	2.779397
Annual Perm 1_serv	BOBJ1	31	75.68	After	Interior Girder 1	30.05	0.95	1	1	2.871736
Annual Perm 1_serv	BOBJ1	31	75.68	After	Interior Girder 2	30.05	0.95	1	1	3.110429
Annual Perm 1_serv	BOBJ1	31	75.68	After	Interior Girder 3	30.05	0.95	1	1	3.140913
Annual Perm 1_serv	BOBJ1	31	75.68	After	Interior Girder 4	30.05	0.95	1	1	3.140913
Annual Perm 1_serv	BOBJ1	31	75.68	After	Interior Girder 5	30.05	0.95	1	1	3.110429
Annual Perm 1_serv	BOBJ1	31	75.68	After	Interior Girder 6	30.05	0.95	1	1	2.871736
Annual Perm 1_serv	BOBJ1	31	75.68	After	Right Exterior Girder	30.05	0.95	1	1	2.779397
Annual Perm 1_serv	BOBJ1	32	81.8467	Before	Left Exterior Girder	36.2167	0.95	1	1	2.881992
Annual Perm 1_serv	BOBJ1	32	81.8467	Before	Interior Girder 1	36.2167	0.95	1	1	2.687688
Annual Perm 1_serv	BOBJ1	32	81.8467	Before	Interior Girder 2	36.2167	0.95	1	1	2.874924
Annual Perm 1_serv	BOBJ1	32	81.8467	Before	Interior Girder 3	36.2167	0.95	1	1	2.770971
Annual Perm 1_serv	BOBJ1	32	81.8467	Before	Interior Girder 4	36.2167	0.95	1	1	2.770971
Annual Perm 1_serv	BOBJ1	32	81.8467	Before	Interior Girder 5	36.2167	0.95	1	1	2.874924
Annual Perm 1_serv	BOBJ1	32	81.8467	Before	Interior Girder 6	36.2167	0.95	1	1	2.687688
Annual Perm 1_serv	BOBJ1	32	81.8467	Before	Right Exterior Girder	36.2167	0.95	1	1	2.881992
Annual Perm 1_serv	BOBJ1	33	81.8467	After	Left Exterior Girder	36.2167	0.95	1	1	2.887291
Annual Perm 1_serv	BOBJ1	33	81.8467	After	Interior Girder 1	36.2167	0.95	1	1	2.67898
Annual Perm 1_serv	BOBJ1	33	81.8467	After	Interior Girder 2	36.2167	0.95	1	1	2.864946
Annual Perm 1_serv	BOBJ1	33	81.8467	After	Interior Girder 3	36.2167	0.95	1	1	2.751864
Annual Perm 1_serv	BOBJ1	33	81.8467	After	Interior Girder 4	36.2167	0.95	1	1	2.751864
Annual Perm 1_serv	BOBJ1	33	81.8467	After	Interior Girder 5	36.2167	0.95	1	1	2.864946
Annual Perm 1_serv	BOBJ1	33	81.8467	After	Interior Girder 6	36.2167	0.95	1	1	2.67898
Annual Perm 1_serv	BOBJ1	33	81.8467	After	Right Exterior Girder	36.2167	0.95	1	1	2.887291
Annual Perm 1_serv	BOBJ1	34	88.0133	Before	Left Exterior Girder	42.3833	0.95	1	1	3.382502
Annual Perm 1_serv	BOBJ1	34	88.0133	Before	Interior Girder 1	42.3833	0.95	1	1	3.001151
Annual Perm 1_serv	BOBJ1	34	88.0133	Before	Interior Girder 2	42.3833	0.95	1	1	3.177084
Annual Perm 1_serv	BOBJ1	34	88.0133	Before	Interior Girder 3	42.3833	0.95	1	1	3.025149
Annual Perm 1_serv	BOBJ1	34	88.0133	Before	Interior Girder 4	42.3833	0.95	1	1	3.025149
Annual Perm 1_serv	BOBJ1	34	88.0133	Before	Interior Girder 5	42.3833	0.95	1	1	3.177084
Annual Perm 1_serv	BOBJ1	34	88.0133	Before	Interior Girder 6	42.3833	0.95	1	1	3.001151
Annual Perm 1_serv	BOBJ1	34	88.0133	Before	Right Exterior Girder	42.3833	0.95	1	1	3.382502
Annual Perm 1_serv	BOBJ1	35	88.0133	After	Left Exterior Girder	42.3833	0.95	1	1	3.311832
Annual Perm 1_serv	BOBJ1	35	88.0133	After	Interior Girder 1	42.3833	0.95	1	1	3.037278
Annual Perm 1_serv	BOBJ1	35	88.0133	After	Interior Girder 2	42.3833	0.95	1	1	3.199958
Annual Perm 1_serv	BOBJ1	35	88.0133	After	Interior Girder 3	42.3833	0.95	1	1	3.022586
Annual Perm 1_serv	BOBJ1	35	88.0133	After	Interior Girder 4	42.3833	0.95	1	1	3.022586
Annual Perm 1_serv	BOBJ1	35	88.0133	After	Interior Girder 5	42.3833	0.95	1	1	3.199958
Annual Perm 1_serv	BOBJ1	35	88.0133	After	Interior Girder 6	42.3833	0.95	1	1	3.037278
Annual Perm 1_serv	BOBJ1	35	88.0133	After	Right Exterior Girder	42.3833	0.95	1	1	3.311832

TABLE: Bridge Super Rating AASHTORATE18 31 - SteelICompServ-Flx - Approach, Span 16-19										
Request	BridgeObj	BridgeCut	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	Unitless	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Annual Perm 1_serv	BOBJ1	36	94.18	Before	Left Exterior Girder	48.55	0.95	1	1	4.546141
Annual Perm 1_serv	BOBJ1	36	94.18	Before	Interior Girder 1	48.55	0.95	1	1	4.386541
Annual Perm 1_serv	BOBJ1	36	94.18	Before	Interior Girder 2	48.55	0.95	1	1	4.457028
Annual Perm 1_serv	BOBJ1	36	94.18	Before	Interior Girder 3	48.55	0.95	1	1	4.43779
Annual Perm 1_serv	BOBJ1	36	94.18	Before	Interior Girder 4	48.55	0.95	1	1	4.43779
Annual Perm 1_serv	BOBJ1	36	94.18	Before	Interior Girder 5	48.55	0.95	1	1	4.457028
Annual Perm 1_serv	BOBJ1	36	94.18	Before	Interior Girder 6	48.55	0.95	1	1	4.386541
Annual Perm 1_serv	BOBJ1	36	94.18	Before	Right Exterior Girder	48.55	0.95	1	1	4.546141
Annual Perm 1_serv	BOBJ1	37	94.18	After	Left Exterior Girder	48.55	0.95	1	1	4.444617
Annual Perm 1_serv	BOBJ1	37	94.18	After	Interior Girder 1	48.55	0.95	1	1	4.432406
Annual Perm 1_serv	BOBJ1	37	94.18	After	Interior Girder 2	48.55	0.95	1	1	4.477216
Annual Perm 1_serv	BOBJ1	37	94.18	After	Interior Girder 3	48.55	0.95	1	1	4.383237
Annual Perm 1_serv	BOBJ1	37	94.18	After	Interior Girder 4	48.55	0.95	1	1	4.383237
Annual Perm 1_serv	BOBJ1	37	94.18	After	Interior Girder 5	48.55	0.95	1	1	4.477216
Annual Perm 1_serv	BOBJ1	37	94.18	After	Interior Girder 6	48.55	0.95	1	1	4.432406
Annual Perm 1_serv	BOBJ1	37	94.18	After	Right Exterior Girder	48.55	0.95	1	1	4.444617
Annual Perm 1_serv	BOBJ1	38	100.3567	Before	Left Exterior Girder	54.7267	0.95	1	1	6.584102
Annual Perm 1_serv	BOBJ1	38	100.3567	Before	Interior Girder 1	54.7267	0.95	1	1	6.497109
Annual Perm 1_serv	BOBJ1	38	100.3567	Before	Interior Girder 2	54.7267	0.95	1	1	6.43121
Annual Perm 1_serv	BOBJ1	38	100.3567	Before	Interior Girder 3	54.7267	0.95	1	1	5.98651
Annual Perm 1_serv	BOBJ1	38	100.3567	Before	Interior Girder 4	54.7267	0.95	1	1	5.98651
Annual Perm 1_serv	BOBJ1	38	100.3567	Before	Interior Girder 5	54.7267	0.95	1	1	6.43121
Annual Perm 1_serv	BOBJ1	38	100.3567	Before	Interior Girder 6	54.7267	0.95	1	1	6.497109
Annual Perm 1_serv	BOBJ1	38	100.3567	Before	Right Exterior Girder	54.7267	0.95	1	1	6.584102
Annual Perm 1_serv	BOBJ1	39	100.3567	After	Left Exterior Girder	54.7267	0.95	1	1	6.702493
Annual Perm 1_serv	BOBJ1	39	100.3567	After	Interior Girder 1	54.7267	0.95	1	1	6.422999
Annual Perm 1_serv	BOBJ1	39	100.3567	After	Interior Girder 2	54.7267	0.95	1	1	6.329742
Annual Perm 1_serv	BOBJ1	39	100.3567	After	Interior Girder 3	54.7267	0.95	1	1	5.787146
Annual Perm 1_serv	BOBJ1	39	100.3567	After	Interior Girder 4	54.7267	0.95	1	1	5.787146
Annual Perm 1_serv	BOBJ1	39	100.3567	After	Interior Girder 5	54.7267	0.95	1	1	6.329742
Annual Perm 1_serv	BOBJ1	39	100.3567	After	Interior Girder 6	54.7267	0.95	1	1	6.422999
Annual Perm 1_serv	BOBJ1	39	100.3567	After	Right Exterior Girder	54.7267	0.95	1	1	6.702493
Annual Perm 1_serv	BOBJ1	40	106.5333	Before	Left Exterior Girder	60.9033	0.95	1	1	3.193251
Annual Perm 1_serv	BOBJ1	40	106.5333	Before	Interior Girder 1	60.9033	0.95	1	1	3.216278
Annual Perm 1_serv	BOBJ1	40	106.5333	Before	Interior Girder 2	60.9033	0.95	1	1	3.375962
Annual Perm 1_serv	BOBJ1	40	106.5333	Before	Interior Girder 3	60.9033	0.95	1	1	2.936698
Annual Perm 1_serv	BOBJ1	40	106.5333	Before	Interior Girder 4	60.9033	0.95	1	1	2.936698
Annual Perm 1_serv	BOBJ1	40	106.5333	Before	Interior Girder 5	60.9033	0.95	1	1	3.375962
Annual Perm 1_serv	BOBJ1	40	106.5333	Before	Interior Girder 6	60.9033	0.95	1	1	3.216278
Annual Perm 1_serv	BOBJ1	40	106.5333	Before	Right Exterior Girder	60.9033	0.95	1	1	3.193251
Annual Perm 1_serv	BOBJ1	41	106.5333	After	Left Exterior Girder	60.9033	0.95	1	1	3.306472
Annual Perm 1_serv	BOBJ1	41	106.5333	After	Interior Girder 1	60.9033	0.95	1	1	3.11885
Annual Perm 1_serv	BOBJ1	41	106.5333	After	Interior Girder 2	60.9033	0.95	1	1	3.362038
Annual Perm 1_serv	BOBJ1	41	106.5333	After	Interior Girder 3	60.9033	0.95	1	1	2.959303
Annual Perm 1_serv	BOBJ1	41	106.5333	After	Interior Girder 4	60.9033	0.95	1	1	2.959303
Annual Perm 1_serv	BOBJ1	41	106.5333	After	Interior Girder 5	60.9033	0.95	1	1	3.362038
Annual Perm 1_serv	BOBJ1	41	106.5333	After	Interior Girder 6	60.9033	0.95	1	1	3.11885
Annual Perm 1_serv	BOBJ1	41	106.5333	After	Right Exterior Girder	60.9033	0.95	1	1	3.306472
Annual Perm 1_serv	BOBJ1	42	108.2102	Before	Left Exterior Girder	62.5802	0.95	1	1	2.43792
Annual Perm 1_serv	BOBJ1	42	108.2102	Before	Right Exterior Girder	62.5802	0.95	1	1	2.43792
Annual Perm 1_serv	BOBJ1	43	108.2102	After	Left Exterior Girder	62.5802	0.95	1	1	3.638942
Annual Perm 1_serv	BOBJ1	43	108.2102	After	Right Exterior Girder	62.5802	0.95	1	1	3.638942
Annual Perm 1_serv	BOBJ1	44	112.71	Before	Left Exterior Girder	67.08	0.95	1	1	1.963794
Annual Perm 1_serv	BOBJ1	44	112.71	Before	Interior Girder 1	67.08	0.95	1	1	1.401073
Annual Perm 1_serv	BOBJ1	44	112.71	Before	Interior Girder 2	67.08	0.95	1	1	1.513141
Annual Perm 1_serv	BOBJ1	44	112.71	Before	Interior Girder 3	67.08	0.95	1	1	1.247651
Annual Perm 1_serv	BOBJ1	44	112.71	Before	Interior Girder 4	67.08	0.95	1	1	1.247651
Annual Perm 1_serv	BOBJ1	44	112.71	Before	Interior Girder 5	67.08	0.95	1	1	1.513141
Annual Perm 1_serv	BOBJ1	44	112.71	Before	Interior Girder 6	67.08	0.95	1	1	1.401073
Annual Perm 1_serv	BOBJ1	44	112.71	Before	Right Exterior Girder	67.08	0.95	1	1	1.963794
Annual Perm 1_serv	BOBJ1	45	112.71	After	Left Exterior Girder	0	0.95	1	1	2.008077
Annual Perm 1_serv	BOBJ1	45	112.71	After	Interior Girder 1	0	0.95	1	1	1.412564
Annual Perm 1_serv	BOBJ1	45	112.71	After	Interior Girder 2	0	0.95	1	1	1.523235
Annual Perm 1_serv	BOBJ1	45	112.71	After	Interior Girder 3	0	0.95	1	1	1.263913
Annual Perm 1_serv	BOBJ1	45	112.71	After	Interior Girder 4	0	0.95	1	1	1.263913
Annual Perm 1_serv	BOBJ1	45	112.71	After	Interior Girder 5	0	0.95	1	1	1.523235
Annual Perm 1_serv	BOBJ1	45	112.71	After	Interior Girder 6	0	0.95	1	1	1.412564
Annual Perm 1_serv	BOBJ1	45	112.71	After	Right Exterior Girder	0	0.95	1	1	2.008077
Annual Perm 1_serv	BOBJ1	46	117.21	Before	Left Exterior Girder	4.5	0.95	1	1	3.381635
Annual Perm 1_serv	BOBJ1	46	117.21	Before	Right Exterior Girder	4.5	0.95	1	1	3.381635
Annual Perm 1_serv	BOBJ1	47	117.21	After	Left Exterior Girder	4.5	0.95	1	1	2.266844
Annual Perm 1_serv	BOBJ1	47	117.21	After	Right Exterior Girder	4.5	0.95	1	1	2.266844
Annual Perm 1_serv	BOBJ1	48	119.1	Before	Left Exterior Girder	6.39	0.95	1	1	2.988797

TABLE: Bridge Super Rating AASHTORATE18 31 - SteelICompServ-Flx - Approach, Span 16-19										
Request	BridgeObj	BridgeCut	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	Unitless	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Annual Perm 1_serv	BOBJ1	48	119.1	Before	Interior Girder 1	6.39	0.95	1	1	3.00971
Annual Perm 1_serv	BOBJ1	48	119.1	Before	Interior Girder 2	6.39	0.95	1	1	3.298953
Annual Perm 1_serv	BOBJ1	48	119.1	Before	Interior Girder 3	6.39	0.95	1	1	2.960987
Annual Perm 1_serv	BOBJ1	48	119.1	Before	Interior Girder 4	6.39	0.95	1	1	2.960987
Annual Perm 1_serv	BOBJ1	48	119.1	Before	Interior Girder 5	6.39	0.95	1	1	3.298953
Annual Perm 1_serv	BOBJ1	48	119.1	Before	Interior Girder 6	6.39	0.95	1	1	3.00971
Annual Perm 1_serv	BOBJ1	48	119.1	Before	Right Exterior Girder	6.39	0.95	1	1	2.988797
Annual Perm 1_serv	BOBJ1	49	119.1	After	Left Exterior Girder	6.39	0.95	1	1	2.897231
Annual Perm 1_serv	BOBJ1	49	119.1	After	Interior Girder 1	6.39	0.95	1	1	3.079008
Annual Perm 1_serv	BOBJ1	49	119.1	After	Interior Girder 2	6.39	0.95	1	1	3.300116
Annual Perm 1_serv	BOBJ1	49	119.1	After	Interior Girder 3	6.39	0.95	1	1	2.932702
Annual Perm 1_serv	BOBJ1	49	119.1	After	Interior Girder 4	6.39	0.95	1	1	2.932702
Annual Perm 1_serv	BOBJ1	49	119.1	After	Interior Girder 5	6.39	0.95	1	1	3.300116
Annual Perm 1_serv	BOBJ1	49	119.1	After	Interior Girder 6	6.39	0.95	1	1	3.079008
Annual Perm 1_serv	BOBJ1	49	119.1	After	Right Exterior Girder	6.39	0.95	1	1	2.897231
Annual Perm 1_serv	BOBJ1	50	125.49	Before	Left Exterior Girder	12.78	0.95	1	1	4.701768
Annual Perm 1_serv	BOBJ1	50	125.49	Before	Interior Girder 1	12.78	0.95	1	1	4.723059
Annual Perm 1_serv	BOBJ1	50	125.49	Before	Interior Girder 2	12.78	0.95	1	1	5.288355
Annual Perm 1_serv	BOBJ1	50	125.49	Before	Interior Girder 3	12.78	0.95	1	1	5.500803
Annual Perm 1_serv	BOBJ1	50	125.49	Before	Interior Girder 4	12.78	0.95	1	1	5.500803
Annual Perm 1_serv	BOBJ1	50	125.49	Before	Interior Girder 5	12.78	0.95	1	1	5.288355
Annual Perm 1_serv	BOBJ1	50	125.49	Before	Interior Girder 6	12.78	0.95	1	1	4.723059
Annual Perm 1_serv	BOBJ1	50	125.49	Before	Right Exterior Girder	12.78	0.95	1	1	4.701768
Annual Perm 1_serv	BOBJ1	51	125.49	After	Left Exterior Girder	12.78	0.95	1	1	4.652437
Annual Perm 1_serv	BOBJ1	51	125.49	After	Interior Girder 1	12.78	0.95	1	1	4.789375
Annual Perm 1_serv	BOBJ1	51	125.49	After	Interior Girder 2	12.78	0.95	1	1	5.328507
Annual Perm 1_serv	BOBJ1	51	125.49	After	Interior Girder 3	12.78	0.95	1	1	5.529199
Annual Perm 1_serv	BOBJ1	51	125.49	After	Interior Girder 4	12.78	0.95	1	1	5.529199
Annual Perm 1_serv	BOBJ1	51	125.49	After	Interior Girder 5	12.78	0.95	1	1	5.328507
Annual Perm 1_serv	BOBJ1	51	125.49	After	Interior Girder 6	12.78	0.95	1	1	4.789375
Annual Perm 1_serv	BOBJ1	51	125.49	After	Right Exterior Girder	12.78	0.95	1	1	4.652437
Annual Perm 1_serv	BOBJ1	52	131.88	Before	Left Exterior Girder	19.17	0.95	1	1	4.794804
Annual Perm 1_serv	BOBJ1	52	131.88	Before	Interior Girder 1	19.17	0.95	1	1	4.755287
Annual Perm 1_serv	BOBJ1	52	131.88	Before	Interior Girder 2	19.17	0.95	1	1	4.781079
Annual Perm 1_serv	BOBJ1	52	131.88	Before	Interior Girder 3	19.17	0.95	1	1	4.625237
Annual Perm 1_serv	BOBJ1	52	131.88	Before	Interior Girder 4	19.17	0.95	1	1	4.625237
Annual Perm 1_serv	BOBJ1	52	131.88	Before	Interior Girder 5	19.17	0.95	1	1	4.781079
Annual Perm 1_serv	BOBJ1	52	131.88	Before	Interior Girder 6	19.17	0.95	1	1	4.755287
Annual Perm 1_serv	BOBJ1	52	131.88	Before	Right Exterior Girder	19.17	0.95	1	1	4.794804
Annual Perm 1_serv	BOBJ1	53	131.88	After	Left Exterior Girder	19.17	0.95	1	1	4.842178
Annual Perm 1_serv	BOBJ1	53	131.88	After	Interior Girder 1	19.17	0.95	1	1	4.730855
Annual Perm 1_serv	BOBJ1	53	131.88	After	Interior Girder 2	19.17	0.95	1	1	4.77131
Annual Perm 1_serv	BOBJ1	53	131.88	After	Interior Girder 3	19.17	0.95	1	1	4.674161
Annual Perm 1_serv	BOBJ1	53	131.88	After	Interior Girder 4	19.17	0.95	1	1	4.674161
Annual Perm 1_serv	BOBJ1	53	131.88	After	Interior Girder 5	19.17	0.95	1	1	4.77131
Annual Perm 1_serv	BOBJ1	53	131.88	After	Interior Girder 6	19.17	0.95	1	1	4.730855
Annual Perm 1_serv	BOBJ1	53	131.88	After	Right Exterior Girder	19.17	0.95	1	1	4.842178
Annual Perm 1_serv	BOBJ1	54	138.27	Before	Left Exterior Girder	25.56	0.95	1	1	4.322909
Annual Perm 1_serv	BOBJ1	54	138.27	Before	Interior Girder 1	25.56	0.95	1	1	3.72431
Annual Perm 1_serv	BOBJ1	54	138.27	Before	Interior Girder 2	25.56	0.95	1	1	3.828873
Annual Perm 1_serv	BOBJ1	54	138.27	Before	Interior Girder 3	25.56	0.95	1	1	3.492558
Annual Perm 1_serv	BOBJ1	54	138.27	Before	Interior Girder 4	25.56	0.95	1	1	3.492558
Annual Perm 1_serv	BOBJ1	54	138.27	Before	Interior Girder 5	25.56	0.95	1	1	3.828873
Annual Perm 1_serv	BOBJ1	54	138.27	Before	Interior Girder 6	25.56	0.95	1	1	3.72431
Annual Perm 1_serv	BOBJ1	54	138.27	Before	Right Exterior Girder	25.56	0.95	1	1	4.322909
Annual Perm 1_serv	BOBJ1	55	138.27	After	Left Exterior Girder	25.56	0.95	1	1	4.374416
Annual Perm 1_serv	BOBJ1	55	138.27	After	Interior Girder 1	25.56	0.95	1	1	3.700996
Annual Perm 1_serv	BOBJ1	55	138.27	After	Interior Girder 2	25.56	0.95	1	1	3.80969
Annual Perm 1_serv	BOBJ1	55	138.27	After	Interior Girder 3	25.56	0.95	1	1	3.488163
Annual Perm 1_serv	BOBJ1	55	138.27	After	Interior Girder 4	25.56	0.95	1	1	3.488163
Annual Perm 1_serv	BOBJ1	55	138.27	After	Interior Girder 5	25.56	0.95	1	1	3.80969
Annual Perm 1_serv	BOBJ1	55	138.27	After	Interior Girder 6	25.56	0.95	1	1	3.700996
Annual Perm 1_serv	BOBJ1	55	138.27	After	Right Exterior Girder	25.56	0.95	1	1	4.374416
Annual Perm 1_serv	BOBJ1	56	144.66	Before	Left Exterior Girder	31.95	0.95	1	1	4.463382
Annual Perm 1_serv	BOBJ1	56	144.66	Before	Interior Girder 1	31.95	0.95	1	1	3.734607
Annual Perm 1_serv	BOBJ1	56	144.66	Before	Interior Girder 2	31.95	0.95	1	1	3.841474
Annual Perm 1_serv	BOBJ1	56	144.66	Before	Interior Girder 3	31.95	0.95	1	1	3.51302
Annual Perm 1_serv	BOBJ1	56	144.66	Before	Interior Girder 4	31.95	0.95	1	1	3.51302
Annual Perm 1_serv	BOBJ1	56	144.66	Before	Interior Girder 5	31.95	0.95	1	1	3.841474
Annual Perm 1_serv	BOBJ1	56	144.66	Before	Interior Girder 6	31.95	0.95	1	1	3.734607
Annual Perm 1_serv	BOBJ1	56	144.66	Before	Right Exterior Girder	31.95	0.95	1	1	4.463382
Annual Perm 1_serv	BOBJ1	57	144.66	After	Left Exterior Girder	31.95	0.95	1	1	4.398262
Annual Perm 1_serv	BOBJ1	57	144.66	After	Interior Girder 1	31.95	0.95	1	1	3.764663

TABLE: Bridge Super Rating AASHTORATE18 31 - SteelICompServ-Flx - Approach, Span 16-19										
Request	BridgeObj	BridgeCut	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	Unitless	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Annual Perm 1_serv	BOBJ1	57	144.66	After	Interior Girder 2	31.95	0.95	1	1	3.859233
Annual Perm 1_serv	BOBJ1	57	144.66	After	Interior Girder 3	31.95	0.95	1	1	3.512125
Annual Perm 1_serv	BOBJ1	57	144.66	After	Interior Girder 4	31.95	0.95	1	1	3.512125
Annual Perm 1_serv	BOBJ1	57	144.66	After	Interior Girder 5	31.95	0.95	1	1	3.859233
Annual Perm 1_serv	BOBJ1	57	144.66	After	Interior Girder 6	31.95	0.95	1	1	3.764663
Annual Perm 1_serv	BOBJ1	57	144.66	After	Right Exterior Girder	31.95	0.95	1	1	4.398262
Annual Perm 1_serv	BOBJ1	58	151.05	Before	Left Exterior Girder	38.34	0.95	1	1	5.170371
Annual Perm 1_serv	BOBJ1	58	151.05	Before	Interior Girder 1	38.34	0.95	1	1	4.881224
Annual Perm 1_serv	BOBJ1	58	151.05	Before	Interior Girder 2	38.34	0.95	1	1	4.901234
Annual Perm 1_serv	BOBJ1	58	151.05	Before	Interior Girder 3	38.34	0.95	1	1	4.783914
Annual Perm 1_serv	BOBJ1	58	151.05	Before	Interior Girder 4	38.34	0.95	1	1	4.783914
Annual Perm 1_serv	BOBJ1	58	151.05	Before	Interior Girder 5	38.34	0.95	1	1	4.901234
Annual Perm 1_serv	BOBJ1	58	151.05	Before	Interior Girder 6	38.34	0.95	1	1	4.881224
Annual Perm 1_serv	BOBJ1	58	151.05	Before	Right Exterior Girder	38.34	0.95	1	1	5.170371
Annual Perm 1_serv	BOBJ1	59	151.05	After	Left Exterior Girder	38.34	0.95	1	1	5.104524
Annual Perm 1_serv	BOBJ1	59	151.05	After	Interior Girder 1	38.34	0.95	1	1	4.918656
Annual Perm 1_serv	BOBJ1	59	151.05	After	Interior Girder 2	38.34	0.95	1	1	4.910323
Annual Perm 1_serv	BOBJ1	59	151.05	After	Interior Girder 3	38.34	0.95	1	1	4.724271
Annual Perm 1_serv	BOBJ1	59	151.05	After	Interior Girder 4	38.34	0.95	1	1	4.724271
Annual Perm 1_serv	BOBJ1	59	151.05	After	Interior Girder 5	38.34	0.95	1	1	4.910323
Annual Perm 1_serv	BOBJ1	59	151.05	After	Interior Girder 6	38.34	0.95	1	1	4.918656
Annual Perm 1_serv	BOBJ1	59	151.05	After	Right Exterior Girder	38.34	0.95	1	1	5.104524
Annual Perm 1_serv	BOBJ1	60	157.4367	Before	Left Exterior Girder	44.7267	0.95	1	1	4.799378
Annual Perm 1_serv	BOBJ1	60	157.4367	Before	Interior Girder 1	44.7267	0.95	1	1	5.042194
Annual Perm 1_serv	BOBJ1	60	157.4367	Before	Interior Girder 2	44.7267	0.95	1	1	5.487642
Annual Perm 1_serv	BOBJ1	60	157.4367	Before	Interior Girder 3	44.7267	0.95	1	1	5.533687
Annual Perm 1_serv	BOBJ1	60	157.4367	Before	Interior Girder 4	44.7267	0.95	1	1	5.533687
Annual Perm 1_serv	BOBJ1	60	157.4367	Before	Interior Girder 5	44.7267	0.95	1	1	5.487642
Annual Perm 1_serv	BOBJ1	60	157.4367	Before	Interior Girder 6	44.7267	0.95	1	1	5.042194
Annual Perm 1_serv	BOBJ1	60	157.4367	Before	Right Exterior Girder	44.7267	0.95	1	1	4.799378
Annual Perm 1_serv	BOBJ1	61	157.4367	After	Left Exterior Girder	44.7267	0.95	1	1	4.845404
Annual Perm 1_serv	BOBJ1	61	157.4367	After	Interior Girder 1	44.7267	0.95	1	1	5.001714
Annual Perm 1_serv	BOBJ1	61	157.4367	After	Interior Girder 2	44.7267	0.95	1	1	5.486295
Annual Perm 1_serv	BOBJ1	61	157.4367	After	Interior Girder 3	44.7267	0.95	1	1	5.551638
Annual Perm 1_serv	BOBJ1	61	157.4367	After	Interior Girder 4	44.7267	0.95	1	1	5.551638
Annual Perm 1_serv	BOBJ1	61	157.4367	After	Interior Girder 5	44.7267	0.95	1	1	5.486295
Annual Perm 1_serv	BOBJ1	61	157.4367	After	Interior Girder 6	44.7267	0.95	1	1	5.001714
Annual Perm 1_serv	BOBJ1	61	157.4367	After	Right Exterior Girder	44.7267	0.95	1	1	4.845404
Annual Perm 1_serv	BOBJ1	62	158.71	Before	Left Exterior Girder	46	0.95	1	1	4.46682
Annual Perm 1_serv	BOBJ1	62	158.71	Before	Interior Girder 1	46	0.95	1	1	4.693007
Annual Perm 1_serv	BOBJ1	62	158.71	Before	Interior Girder 2	46	0.95	1	1	5.096796
Annual Perm 1_serv	BOBJ1	62	158.71	Before	Interior Girder 3	46	0.95	1	1	5.043591
Annual Perm 1_serv	BOBJ1	62	158.71	Before	Interior Girder 4	46	0.95	1	1	5.043591
Annual Perm 1_serv	BOBJ1	62	158.71	Before	Interior Girder 5	46	0.95	1	1	5.096796
Annual Perm 1_serv	BOBJ1	62	158.71	Before	Interior Girder 6	46	0.95	1	1	4.693007
Annual Perm 1_serv	BOBJ1	62	158.71	Before	Right Exterior Girder	46	0.95	1	1	4.46682
Annual Perm 1_serv	BOBJ1	63	158.71	After	Left Exterior Girder	46	0.95	1	1	6.095663
Annual Perm 1_serv	BOBJ1	63	158.71	After	Interior Girder 1	46	0.95	1	1	5.866144
Annual Perm 1_serv	BOBJ1	63	158.71	After	Interior Girder 2	46	0.95	1	1	6.369196
Annual Perm 1_serv	BOBJ1	63	158.71	After	Interior Girder 3	46	0.95	1	1	6.338822
Annual Perm 1_serv	BOBJ1	63	158.71	After	Interior Girder 4	46	0.95	1	1	6.338822
Annual Perm 1_serv	BOBJ1	63	158.71	After	Interior Girder 5	46	0.95	1	1	6.369196
Annual Perm 1_serv	BOBJ1	63	158.71	After	Interior Girder 6	46	0.95	1	1	5.866144
Annual Perm 1_serv	BOBJ1	63	158.71	After	Right Exterior Girder	46	0.95	1	1	6.095663
Annual Perm 1_serv	BOBJ1	64	163.8233	Before	Left Exterior Girder	51.1133	0.95	1	1	3.896492
Annual Perm 1_serv	BOBJ1	64	163.8233	Before	Interior Girder 1	51.1133	0.95	1	1	3.81516
Annual Perm 1_serv	BOBJ1	64	163.8233	Before	Interior Girder 2	51.1133	0.95	1	1	3.982992
Annual Perm 1_serv	BOBJ1	64	163.8233	Before	Interior Girder 3	51.1133	0.95	1	1	3.459394
Annual Perm 1_serv	BOBJ1	64	163.8233	Before	Interior Girder 4	51.1133	0.95	1	1	3.459394
Annual Perm 1_serv	BOBJ1	64	163.8233	Before	Interior Girder 5	51.1133	0.95	1	1	3.982992
Annual Perm 1_serv	BOBJ1	64	163.8233	Before	Interior Girder 6	51.1133	0.95	1	1	3.81516
Annual Perm 1_serv	BOBJ1	64	163.8233	Before	Right Exterior Girder	51.1133	0.95	1	1	3.896492
Annual Perm 1_serv	BOBJ1	65	163.8233	After	Left Exterior Girder	51.1133	0.95	1	1	3.997016
Annual Perm 1_serv	BOBJ1	65	163.8233	After	Interior Girder 1	51.1133	0.95	1	1	3.741853
Annual Perm 1_serv	BOBJ1	65	163.8233	After	Interior Girder 2	51.1133	0.95	1	1	3.973361
Annual Perm 1_serv	BOBJ1	65	163.8233	After	Interior Girder 3	51.1133	0.95	1	1	3.483578
Annual Perm 1_serv	BOBJ1	65	163.8233	After	Interior Girder 4	51.1133	0.95	1	1	3.483578
Annual Perm 1_serv	BOBJ1	65	163.8233	After	Interior Girder 5	51.1133	0.95	1	1	3.973361
Annual Perm 1_serv	BOBJ1	65	163.8233	After	Interior Girder 6	51.1133	0.95	1	1	3.741853
Annual Perm 1_serv	BOBJ1	65	163.8233	After	Right Exterior Girder	51.1133	0.95	1	1	3.997016
Annual Perm 1_serv	BOBJ1	66	164.71	Before	Left Exterior Girder	52	0.95	1	1	3.504138
Annual Perm 1_serv	BOBJ1	66	164.71	Before	Right Exterior Girder	52	0.95	1	1	3.504138
Annual Perm 1_serv	BOBJ1	67	164.71	After	Left Exterior Girder	52	0.95	1	1	5.392416

TABLE: Bridge Super Rating AASHTORATE18 31 - SteelICompServ-Flx - Approach, Span 16-19										
Request	BridgeObj	BridgeCut	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	Unitless	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Annual Perm 1_serv	BOBJ1	67	164.71	After	Right Exterior Girder	52	0.95	1	1	5.392416
Annual Perm 1_serv	BOBJ1	68	170.21	Before	Left Exterior Girder	57.5	0.95	1	1	3.015004
Annual Perm 1_serv	BOBJ1	68	170.21	Before	Interior Girder 1	57.5	0.95	1	1	1.836721
Annual Perm 1_serv	BOBJ1	68	170.21	Before	Interior Girder 2	57.5	0.95	1	1	1.92986
Annual Perm 1_serv	BOBJ1	68	170.21	Before	Interior Girder 3	57.5	0.95	1	1	1.581883
Annual Perm 1_serv	BOBJ1	68	170.21	Before	Interior Girder 4	57.5	0.95	1	1	1.581883
Annual Perm 1_serv	BOBJ1	68	170.21	Before	Interior Girder 5	57.5	0.95	1	1	1.92986
Annual Perm 1_serv	BOBJ1	68	170.21	Before	Interior Girder 6	57.5	0.95	1	1	1.836721
Annual Perm 1_serv	BOBJ1	68	170.21	Before	Right Exterior Girder	57.5	0.95	1	1	3.015004
Annual Perm 1_serv	BOBJ1	69	170.21	After	Left Exterior Girder	0	0.95	1	1	2.986917
Annual Perm 1_serv	BOBJ1	69	170.21	After	Interior Girder 1	0	0.95	1	1	1.846805
Annual Perm 1_serv	BOBJ1	69	170.21	After	Interior Girder 2	0	0.95	1	1	1.930383
Annual Perm 1_serv	BOBJ1	69	170.21	After	Interior Girder 3	0	0.95	1	1	1.579646
Annual Perm 1_serv	BOBJ1	69	170.21	After	Interior Girder 4	0	0.95	1	1	1.579646
Annual Perm 1_serv	BOBJ1	69	170.21	After	Interior Girder 5	0	0.95	1	1	1.930383
Annual Perm 1_serv	BOBJ1	69	170.21	After	Interior Girder 6	0	0.95	1	1	1.846805
Annual Perm 1_serv	BOBJ1	69	170.21	After	Right Exterior Girder	0	0.95	1	1	2.986917
Annual Perm 1_serv	BOBJ1	70	176.21	Before	Left Exterior Girder	6	0.95	1	1	6.164767
Annual Perm 1_serv	BOBJ1	70	176.21	Before	Right Exterior Girder	6	0.95	1	1	6.164767
Annual Perm 1_serv	BOBJ1	71	176.21	After	Left Exterior Girder	6	0.95	1	1	4.068589
Annual Perm 1_serv	BOBJ1	71	176.21	After	Right Exterior Girder	6	0.95	1	1	4.068589
Annual Perm 1_serv	BOBJ1	72	176.6	Before	Left Exterior Girder	6.39	0.95	1	1	4.392538
Annual Perm 1_serv	BOBJ1	72	176.6	Before	Interior Girder 1	6.39	0.95	1	1	4.036785
Annual Perm 1_serv	BOBJ1	72	176.6	Before	Interior Girder 2	6.39	0.95	1	1	4.244861
Annual Perm 1_serv	BOBJ1	72	176.6	Before	Interior Girder 3	6.39	0.95	1	1	3.690894
Annual Perm 1_serv	BOBJ1	72	176.6	Before	Interior Girder 4	6.39	0.95	1	1	3.690894
Annual Perm 1_serv	BOBJ1	72	176.6	Before	Interior Girder 5	6.39	0.95	1	1	4.244861
Annual Perm 1_serv	BOBJ1	72	176.6	Before	Interior Girder 6	6.39	0.95	1	1	4.036785
Annual Perm 1_serv	BOBJ1	72	176.6	Before	Right Exterior Girder	6.39	0.95	1	1	4.392538
Annual Perm 1_serv	BOBJ1	73	176.6	After	Left Exterior Girder	6.39	0.95	1	1	4.244854
Annual Perm 1_serv	BOBJ1	73	176.6	After	Interior Girder 1	6.39	0.95	1	1	4.13945
Annual Perm 1_serv	BOBJ1	73	176.6	After	Interior Girder 2	6.39	0.95	1	1	4.243468
Annual Perm 1_serv	BOBJ1	73	176.6	After	Interior Girder 3	6.39	0.95	1	1	3.646003
Annual Perm 1_serv	BOBJ1	73	176.6	After	Interior Girder 4	6.39	0.95	1	1	3.646003
Annual Perm 1_serv	BOBJ1	73	176.6	After	Interior Girder 5	6.39	0.95	1	1	4.243468
Annual Perm 1_serv	BOBJ1	73	176.6	After	Interior Girder 6	6.39	0.95	1	1	4.13945
Annual Perm 1_serv	BOBJ1	73	176.6	After	Right Exterior Girder	6.39	0.95	1	1	4.244854
Annual Perm 1_serv	BOBJ1	74	182.99	Before	Left Exterior Girder	12.78	0.95	1	1	7.362344
Annual Perm 1_serv	BOBJ1	74	182.99	Before	Interior Girder 1	12.78	0.95	1	1	7.043806
Annual Perm 1_serv	BOBJ1	74	182.99	Before	Interior Girder 2	12.78	0.95	1	1	6.726638
Annual Perm 1_serv	BOBJ1	74	182.99	Before	Interior Girder 3	12.78	0.95	1	1	6.185951
Annual Perm 1_serv	BOBJ1	74	182.99	Before	Interior Girder 4	12.78	0.95	1	1	6.185951
Annual Perm 1_serv	BOBJ1	74	182.99	Before	Interior Girder 5	12.78	0.95	1	1	6.726638
Annual Perm 1_serv	BOBJ1	74	182.99	Before	Interior Girder 6	12.78	0.95	1	1	7.043806
Annual Perm 1_serv	BOBJ1	74	182.99	Before	Right Exterior Girder	12.78	0.95	1	1	7.362344
Annual Perm 1_serv	BOBJ1	75	182.99	After	Left Exterior Girder	12.78	0.95	1	1	7.300685
Annual Perm 1_serv	BOBJ1	75	182.99	After	Interior Girder 1	12.78	0.95	1	1	7.074519
Annual Perm 1_serv	BOBJ1	75	182.99	After	Interior Girder 2	12.78	0.95	1	1	6.83538
Annual Perm 1_serv	BOBJ1	75	182.99	After	Interior Girder 3	12.78	0.95	1	1	6.426619
Annual Perm 1_serv	BOBJ1	75	182.99	After	Interior Girder 4	12.78	0.95	1	1	6.426619
Annual Perm 1_serv	BOBJ1	75	182.99	After	Interior Girder 5	12.78	0.95	1	1	6.83538
Annual Perm 1_serv	BOBJ1	75	182.99	After	Interior Girder 6	12.78	0.95	1	1	7.074519
Annual Perm 1_serv	BOBJ1	75	182.99	After	Right Exterior Girder	12.78	0.95	1	1	7.300685
Annual Perm 1_serv	BOBJ1	76	189.38	Before	Left Exterior Girder	19.17	0.95	1	1	4.919854
Annual Perm 1_serv	BOBJ1	76	189.38	Before	Interior Girder 1	19.17	0.95	1	1	4.666866
Annual Perm 1_serv	BOBJ1	76	189.38	Before	Interior Girder 2	19.17	0.95	1	1	4.743838
Annual Perm 1_serv	BOBJ1	76	189.38	Before	Interior Girder 3	19.17	0.95	1	1	4.639598
Annual Perm 1_serv	BOBJ1	76	189.38	Before	Interior Girder 4	19.17	0.95	1	1	4.639598
Annual Perm 1_serv	BOBJ1	76	189.38	Before	Interior Girder 5	19.17	0.95	1	1	4.743838
Annual Perm 1_serv	BOBJ1	76	189.38	Before	Interior Girder 6	19.17	0.95	1	1	4.666866
Annual Perm 1_serv	BOBJ1	76	189.38	Before	Right Exterior Girder	19.17	0.95	1	1	4.919854
Annual Perm 1_serv	BOBJ1	77	189.38	After	Left Exterior Girder	19.17	0.95	1	1	4.999213
Annual Perm 1_serv	BOBJ1	77	189.38	After	Interior Girder 1	19.17	0.95	1	1	4.619738
Annual Perm 1_serv	BOBJ1	77	189.38	After	Interior Girder 2	19.17	0.95	1	1	4.733042
Annual Perm 1_serv	BOBJ1	77	189.38	After	Interior Girder 3	19.17	0.95	1	1	4.688077
Annual Perm 1_serv	BOBJ1	77	189.38	After	Interior Girder 4	19.17	0.95	1	1	4.688077
Annual Perm 1_serv	BOBJ1	77	189.38	After	Interior Girder 5	19.17	0.95	1	1	4.733042
Annual Perm 1_serv	BOBJ1	77	189.38	After	Interior Girder 6	19.17	0.95	1	1	4.619738
Annual Perm 1_serv	BOBJ1	77	189.38	After	Right Exterior Girder	19.17	0.95	1	1	4.999213
Annual Perm 1_serv	BOBJ1	78	195.77	Before	Left Exterior Girder	25.56	0.95	1	1	3.833497
Annual Perm 1_serv	BOBJ1	78	195.77	Before	Interior Girder 1	25.56	0.95	1	1	3.291814
Annual Perm 1_serv	BOBJ1	78	195.77	Before	Interior Girder 2	25.56	0.95	1	1	3.458916
Annual Perm 1_serv	BOBJ1	78	195.77	Before	Interior Girder 3	25.56	0.95	1	1	3.266008

TABLE: Bridge Super Rating AASHTORATE18 31 - SteelICompServ-Flx - Approach, Span 16-19										
Request	BridgeObj	BridgeCut	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	Unitless	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Annual Perm 1_serv	BOBJ1	78	195.77	Before	Interior Girder 4	25.56	0.95	1	1	3.266008
Annual Perm 1_serv	BOBJ1	78	195.77	Before	Interior Girder 5	25.56	0.95	1	1	3.458916
Annual Perm 1_serv	BOBJ1	78	195.77	Before	Interior Girder 6	25.56	0.95	1	1	3.291814
Annual Perm 1_serv	BOBJ1	78	195.77	Before	Right Exterior Girder	25.56	0.95	1	1	3.833497
Annual Perm 1_serv	BOBJ1	79	195.77	After	Left Exterior Girder	25.56	0.95	1	1	3.89747
Annual Perm 1_serv	BOBJ1	79	195.77	After	Interior Girder 1	25.56	0.95	1	1	3.256895
Annual Perm 1_serv	BOBJ1	79	195.77	After	Interior Girder 2	25.56	0.95	1	1	3.444511
Annual Perm 1_serv	BOBJ1	79	195.77	After	Interior Girder 3	25.56	0.95	1	1	3.276127
Annual Perm 1_serv	BOBJ1	79	195.77	After	Interior Girder 4	25.56	0.95	1	1	3.276127
Annual Perm 1_serv	BOBJ1	79	195.77	After	Interior Girder 5	25.56	0.95	1	1	3.444511
Annual Perm 1_serv	BOBJ1	79	195.77	After	Interior Girder 6	25.56	0.95	1	1	3.256895
Annual Perm 1_serv	BOBJ1	79	195.77	After	Right Exterior Girder	25.56	0.95	1	1	3.89747
Annual Perm 1_serv	BOBJ1	80	202.16	Before	Left Exterior Girder	31.95	0.95	1	1	3.462338
Annual Perm 1_serv	BOBJ1	80	202.16	Before	Interior Girder 1	31.95	0.95	1	1	2.972294
Annual Perm 1_serv	BOBJ1	80	202.16	Before	Interior Girder 2	31.95	0.95	1	1	3.142781
Annual Perm 1_serv	BOBJ1	80	202.16	Before	Interior Girder 3	31.95	0.95	1	1	2.987546
Annual Perm 1_serv	BOBJ1	80	202.16	Before	Interior Girder 4	31.95	0.95	1	1	2.987546
Annual Perm 1_serv	BOBJ1	80	202.16	Before	Interior Girder 5	31.95	0.95	1	1	3.142781
Annual Perm 1_serv	BOBJ1	80	202.16	Before	Interior Girder 6	31.95	0.95	1	1	2.972294
Annual Perm 1_serv	BOBJ1	80	202.16	Before	Right Exterior Girder	31.95	0.95	1	1	3.462338
Annual Perm 1_serv	BOBJ1	81	202.16	After	Left Exterior Girder	31.95	0.95	1	1	3.434453
Annual Perm 1_serv	BOBJ1	81	202.16	After	Interior Girder 1	31.95	0.95	1	1	2.983279
Annual Perm 1_serv	BOBJ1	81	202.16	After	Interior Girder 2	31.95	0.95	1	1	3.160124
Annual Perm 1_serv	BOBJ1	81	202.16	After	Interior Girder 3	31.95	0.95	1	1	3.007842
Annual Perm 1_serv	BOBJ1	81	202.16	After	Interior Girder 4	31.95	0.95	1	1	3.007842
Annual Perm 1_serv	BOBJ1	81	202.16	After	Interior Girder 5	31.95	0.95	1	1	3.160124
Annual Perm 1_serv	BOBJ1	81	202.16	After	Interior Girder 6	31.95	0.95	1	1	2.983279
Annual Perm 1_serv	BOBJ1	81	202.16	After	Right Exterior Girder	31.95	0.95	1	1	3.434453
Annual Perm 1_serv	BOBJ1	82	208.55	Before	Left Exterior Girder	38.34	0.95	1	1	3.301373
Annual Perm 1_serv	BOBJ1	82	208.55	Before	Interior Girder 1	38.34	0.95	1	1	3.142696
Annual Perm 1_serv	BOBJ1	82	208.55	Before	Interior Girder 2	38.34	0.95	1	1	3.378374
Annual Perm 1_serv	BOBJ1	82	208.55	Before	Interior Girder 3	38.34	0.95	1	1	3.330953
Annual Perm 1_serv	BOBJ1	82	208.55	Before	Interior Girder 4	38.34	0.95	1	1	3.330953
Annual Perm 1_serv	BOBJ1	82	208.55	Before	Interior Girder 5	38.34	0.95	1	1	3.378374
Annual Perm 1_serv	BOBJ1	82	208.55	Before	Interior Girder 6	38.34	0.95	1	1	3.142696
Annual Perm 1_serv	BOBJ1	82	208.55	Before	Right Exterior Girder	38.34	0.95	1	1	3.301373
Annual Perm 1_serv	BOBJ1	83	208.55	After	Left Exterior Girder	38.34	0.95	1	1	3.269343
Annual Perm 1_serv	BOBJ1	83	208.55	After	Interior Girder 1	38.34	0.95	1	1	3.160791
Annual Perm 1_serv	BOBJ1	83	208.55	After	Interior Girder 2	38.34	0.95	1	1	3.379146
Annual Perm 1_serv	BOBJ1	83	208.55	After	Interior Girder 3	38.34	0.95	1	1	3.32333
Annual Perm 1_serv	BOBJ1	83	208.55	After	Interior Girder 4	38.34	0.95	1	1	3.32333
Annual Perm 1_serv	BOBJ1	83	208.55	After	Interior Girder 5	38.34	0.95	1	1	3.379146
Annual Perm 1_serv	BOBJ1	83	208.55	After	Interior Girder 6	38.34	0.95	1	1	3.160791
Annual Perm 1_serv	BOBJ1	83	208.55	After	Right Exterior Girder	38.34	0.95	1	1	3.269343
Annual Perm 1_serv	BOBJ1	84	215.1233	Before	Left Exterior Girder	44.9133	0.95	1	1	4.523617
Annual Perm 1_serv	BOBJ1	84	215.1233	Before	Interior Girder 1	44.9133	0.95	1	1	3.645711
Annual Perm 1_serv	BOBJ1	84	215.1233	Before	Interior Girder 2	44.9133	0.95	1	1	3.830184
Annual Perm 1_serv	BOBJ1	84	215.1233	Before	Interior Girder 3	44.9133	0.95	1	1	3.532153
Annual Perm 1_serv	BOBJ1	84	215.1233	Before	Interior Girder 4	44.9133	0.95	1	1	3.532153
Annual Perm 1_serv	BOBJ1	84	215.1233	Before	Interior Girder 5	44.9133	0.95	1	1	3.830184
Annual Perm 1_serv	BOBJ1	84	215.1233	Before	Interior Girder 6	44.9133	0.95	1	1	3.645711
Annual Perm 1_serv	BOBJ1	84	215.1233	Before	Right Exterior Girder	44.9133	0.95	1	1	4.523617
Annual Perm 1_serv	BOBJ1	85	215.1233	After	Left Exterior Girder	44.9133	0.95	1	1	4.496804
Annual Perm 1_serv	BOBJ1	85	215.1233	After	Interior Girder 1	44.9133	0.95	1	1	3.650386
Annual Perm 1_serv	BOBJ1	85	215.1233	After	Interior Girder 2	44.9133	0.95	1	1	3.761317
Annual Perm 1_serv	BOBJ1	85	215.1233	After	Interior Girder 3	44.9133	0.95	1	1	3.440899
Annual Perm 1_serv	BOBJ1	85	215.1233	After	Interior Girder 4	44.9133	0.95	1	1	3.440899
Annual Perm 1_serv	BOBJ1	85	215.1233	After	Interior Girder 5	44.9133	0.95	1	1	3.761317
Annual Perm 1_serv	BOBJ1	85	215.1233	After	Interior Girder 6	44.9133	0.95	1	1	3.650386
Annual Perm 1_serv	BOBJ1	85	215.1233	After	Right Exterior Girder	44.9133	0.95	1	1	4.496804
Annual Perm 1_serv	BOBJ1	86	221.6967	Before	Left Exterior Girder	51.4867	0.95	1	1	8.684381
Annual Perm 1_serv	BOBJ1	86	221.6967	Before	Interior Girder 1	51.4867	0.95	1	1	5.861462
Annual Perm 1_serv	BOBJ1	86	221.6967	Before	Interior Girder 2	51.4867	0.95	1	1	5.855747
Annual Perm 1_serv	BOBJ1	86	221.6967	Before	Interior Girder 3	51.4867	0.95	1	1	5.24212
Annual Perm 1_serv	BOBJ1	86	221.6967	Before	Interior Girder 4	51.4867	0.95	1	1	5.24212
Annual Perm 1_serv	BOBJ1	86	221.6967	Before	Interior Girder 5	51.4867	0.95	1	1	5.855747
Annual Perm 1_serv	BOBJ1	86	221.6967	Before	Interior Girder 6	51.4867	0.95	1	1	5.861462
Annual Perm 1_serv	BOBJ1	86	221.6967	Before	Right Exterior Girder	51.4867	0.95	1	1	8.684381
Annual Perm 1_serv	BOBJ1	87	221.6967	After	Left Exterior Girder	51.4867	0.95	1	1	8.585571
Annual Perm 1_serv	BOBJ1	87	221.6967	After	Interior Girder 1	51.4867	0.95	1	1	5.899023
Annual Perm 1_serv	BOBJ1	87	221.6967	After	Interior Girder 2	51.4867	0.95	1	1	5.712987
Annual Perm 1_serv	BOBJ1	87	221.6967	After	Interior Girder 3	51.4867	0.95	1	1	5.030635
Annual Perm 1_serv	BOBJ1	87	221.6967	After	Interior Girder 4	51.4867	0.95	1	1	5.030635

TABLE: Bridge Super Rating AASHTORATE18 31 - SteelICompServ-Flx - Approach, Span 16-19										
Request	BridgeObj	BridgeCut	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	Unitless	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Annual Perm 1_serv	BOBJ1	87	221.6967	After	Interior Girder 5	51.4867	0.95	1	1	5.712987
Annual Perm 1_serv	BOBJ1	87	221.6967	After	Interior Girder 6	51.4867	0.95	1	1	5.899023
Annual Perm 1_serv	BOBJ1	87	221.6967	After	Right Exterior Girder	51.4867	0.95	1	1	8.585571
Annual Perm 1_serv	BOBJ1	88	228.27	Before	Left Exterior Girder	58.06	0.95	1	1	478.133254
Annual Perm 1_serv	BOBJ1	88	228.27	Before	Interior Girder 1	58.06	0.95	1	1	435.537798
Annual Perm 1_serv	BOBJ1	88	228.27	Before	Interior Girder 2	58.06	0.95	1	1	241.527199
Annual Perm 1_serv	BOBJ1	88	228.27	Before	Interior Girder 3	58.06	0.95	1	1	180.683865
Annual Perm 1_serv	BOBJ1	88	228.27	Before	Interior Girder 4	58.06	0.95	1	1	180.683864
Annual Perm 1_serv	BOBJ1	88	228.27	Before	Interior Girder 5	58.06	0.95	1	1	241.527199
Annual Perm 1_serv	BOBJ1	88	228.27	Before	Interior Girder 6	58.06	0.95	1	1	435.537798
Annual Perm 1_serv	BOBJ1	88	228.27	Before	Right Exterior Girder	58.06	0.95	1	1	478.133253
Annual Perm 2_serv	BOBJ1	1	0	After	Left Exterior Girder	0	0.95	1	1	632.593062
Annual Perm 2_serv	BOBJ1	1	0	After	Interior Girder 1	0	0.95	1	1	437.832254
Annual Perm 2_serv	BOBJ1	1	0	After	Interior Girder 2	0	0.95	1	1	254.439073
Annual Perm 2_serv	BOBJ1	1	0	After	Interior Girder 3	0	0.95	1	1	200.42651
Annual Perm 2_serv	BOBJ1	1	0	After	Interior Girder 4	0	0.95	1	1	200.42651
Annual Perm 2_serv	BOBJ1	1	0	After	Interior Girder 5	0	0.95	1	1	254.439076
Annual Perm 2_serv	BOBJ1	1	0	After	Interior Girder 6	0	0.95	1	1	437.832254
Annual Perm 2_serv	BOBJ1	1	0	After	Right Exterior Girder	0	0.95	1	1	632.593062
Annual Perm 2_serv	BOBJ1	2	5.3833	Before	Left Exterior Girder	5.3833	0.95	1	1	9.248125
Annual Perm 2_serv	BOBJ1	2	5.3833	Before	Interior Girder 1	5.3833	0.95	1	1	6.388286
Annual Perm 2_serv	BOBJ1	2	5.3833	Before	Interior Girder 2	5.3833	0.95	1	1	6.125448
Annual Perm 2_serv	BOBJ1	2	5.3833	Before	Interior Girder 3	5.3833	0.95	1	1	5.327827
Annual Perm 2_serv	BOBJ1	2	5.3833	Before	Interior Girder 4	5.3833	0.95	1	1	5.327827
Annual Perm 2_serv	BOBJ1	2	5.3833	Before	Interior Girder 5	5.3833	0.95	1	1	6.125448
Annual Perm 2_serv	BOBJ1	2	5.3833	Before	Interior Girder 6	5.3833	0.95	1	1	6.388286
Annual Perm 2_serv	BOBJ1	2	5.3833	Before	Right Exterior Girder	5.3833	0.95	1	1	9.248125
Annual Perm 2_serv	BOBJ1	3	5.3833	After	Left Exterior Girder	5.3833	0.95	1	1	9.403769
Annual Perm 2_serv	BOBJ1	3	5.3833	After	Interior Girder 1	5.3833	0.95	1	1	6.393967
Annual Perm 2_serv	BOBJ1	3	5.3833	After	Interior Girder 2	5.3833	0.95	1	1	6.288401
Annual Perm 2_serv	BOBJ1	3	5.3833	After	Interior Girder 3	5.3833	0.95	1	1	5.526828
Annual Perm 2_serv	BOBJ1	3	5.3833	After	Interior Girder 4	5.3833	0.95	1	1	5.526828
Annual Perm 2_serv	BOBJ1	3	5.3833	After	Interior Girder 5	5.3833	0.95	1	1	6.288401
Annual Perm 2_serv	BOBJ1	3	5.3833	After	Interior Girder 6	5.3833	0.95	1	1	6.393967
Annual Perm 2_serv	BOBJ1	3	5.3833	After	Right Exterior Girder	5.3833	0.95	1	1	9.403769
Annual Perm 2_serv	BOBJ1	4	10.7667	Before	Left Exterior Girder	10.7667	0.95	1	1	5.164932
Annual Perm 2_serv	BOBJ1	4	10.7667	Before	Interior Girder 1	10.7667	0.95	1	1	4.020313
Annual Perm 2_serv	BOBJ1	4	10.7667	Before	Interior Girder 2	10.7667	0.95	1	1	4.028422
Annual Perm 2_serv	BOBJ1	4	10.7667	Before	Interior Girder 3	10.7667	0.95	1	1	3.583196
Annual Perm 2_serv	BOBJ1	4	10.7667	Before	Interior Girder 4	10.7667	0.95	1	1	3.583196
Annual Perm 2_serv	BOBJ1	4	10.7667	Before	Interior Girder 5	10.7667	0.95	1	1	4.028422
Annual Perm 2_serv	BOBJ1	4	10.7667	Before	Interior Girder 6	10.7667	0.95	1	1	4.020313
Annual Perm 2_serv	BOBJ1	4	10.7667	Before	Right Exterior Girder	10.7667	0.95	1	1	5.164932
Annual Perm 2_serv	BOBJ1	5	10.7667	After	Left Exterior Girder	10.7667	0.95	1	1	5.14756
Annual Perm 2_serv	BOBJ1	5	10.7667	After	Interior Girder 1	10.7667	0.95	1	1	4.027111
Annual Perm 2_serv	BOBJ1	5	10.7667	After	Interior Girder 2	10.7667	0.95	1	1	4.101892
Annual Perm 2_serv	BOBJ1	5	10.7667	After	Interior Girder 3	10.7667	0.95	1	1	3.662043
Annual Perm 2_serv	BOBJ1	5	10.7667	After	Interior Girder 4	10.7667	0.95	1	1	3.662043
Annual Perm 2_serv	BOBJ1	5	10.7667	After	Interior Girder 5	10.7667	0.95	1	1	4.101892
Annual Perm 2_serv	BOBJ1	5	10.7667	After	Interior Girder 6	10.7667	0.95	1	1	4.027111
Annual Perm 2_serv	BOBJ1	5	10.7667	After	Right Exterior Girder	10.7667	0.95	1	1	5.14756
Annual Perm 2_serv	BOBJ1	6	16.15	Before	Left Exterior Girder	16.15	0.95	1	1	3.979479
Annual Perm 2_serv	BOBJ1	6	16.15	Before	Interior Girder 1	16.15	0.95	1	1	3.682743
Annual Perm 2_serv	BOBJ1	6	16.15	Before	Interior Girder 2	16.15	0.95	1	1	3.812186
Annual Perm 2_serv	BOBJ1	6	16.15	Before	Interior Girder 3	16.15	0.95	1	1	3.613453
Annual Perm 2_serv	BOBJ1	6	16.15	Before	Interior Girder 4	16.15	0.95	1	1	3.613453
Annual Perm 2_serv	BOBJ1	6	16.15	Before	Interior Girder 5	16.15	0.95	1	1	3.812186
Annual Perm 2_serv	BOBJ1	6	16.15	Before	Interior Girder 6	16.15	0.95	1	1	3.682743
Annual Perm 2_serv	BOBJ1	6	16.15	Before	Right Exterior Girder	16.15	0.95	1	1	3.979479
Annual Perm 2_serv	BOBJ1	7	16.15	After	Left Exterior Girder	16.15	0.95	1	1	3.998963
Annual Perm 2_serv	BOBJ1	7	16.15	After	Interior Girder 1	16.15	0.95	1	1	3.666491
Annual Perm 2_serv	BOBJ1	7	16.15	After	Interior Girder 2	16.15	0.95	1	1	3.820302
Annual Perm 2_serv	BOBJ1	7	16.15	After	Interior Girder 3	16.15	0.95	1	1	3.629393
Annual Perm 2_serv	BOBJ1	7	16.15	After	Interior Girder 4	16.15	0.95	1	1	3.629393
Annual Perm 2_serv	BOBJ1	7	16.15	After	Interior Girder 5	16.15	0.95	1	1	3.820302
Annual Perm 2_serv	BOBJ1	7	16.15	After	Interior Girder 6	16.15	0.95	1	1	3.666491
Annual Perm 2_serv	BOBJ1	7	16.15	After	Right Exterior Girder	16.15	0.95	1	1	3.998963
Annual Perm 2_serv	BOBJ1	8	22.1267	Before	Left Exterior Girder	22.1267	0.95	1	1	4.338782
Annual Perm 2_serv	BOBJ1	8	22.1267	Before	Interior Girder 1	22.1267	0.95	1	1	3.56714
Annual Perm 2_serv	BOBJ1	8	22.1267	Before	Interior Girder 2	22.1267	0.95	1	1	3.67446
Annual Perm 2_serv	BOBJ1	8	22.1267	Before	Interior Girder 3	22.1267	0.95	1	1	3.330421
Annual Perm 2_serv	BOBJ1	8	22.1267	Before	Interior Girder 4	22.1267	0.95	1	1	3.330421
Annual Perm 2_serv	BOBJ1	8	22.1267	Before	Interior Girder 5	22.1267	0.95	1	1	3.67446

TABLE: Bridge Super Rating AASHTORATE18 31 - SteelICompServ-Flx - Approach, Span 16-19										
Request	BridgeObj	BridgeCut	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	Unitless	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Annual Perm 2_serv	BOBJ1	8	22.1267	Before	Interior Girder 6	22.1267	0.95	1	1	3.56714
Annual Perm 2_serv	BOBJ1	8	22.1267	Before	Right Exterior Girder	22.1267	0.95	1	1	4.338782
Annual Perm 2_serv	BOBJ1	9	22.1267	After	Left Exterior Girder	22.1267	0.95	1	1	4.374672
Annual Perm 2_serv	BOBJ1	9	22.1267	After	Interior Girder 1	22.1267	0.95	1	1	3.550747
Annual Perm 2_serv	BOBJ1	9	22.1267	After	Interior Girder 2	22.1267	0.95	1	1	3.641848
Annual Perm 2_serv	BOBJ1	9	22.1267	After	Interior Girder 3	22.1267	0.95	1	1	3.301341
Annual Perm 2_serv	BOBJ1	9	22.1267	After	Interior Girder 4	22.1267	0.95	1	1	3.301341
Annual Perm 2_serv	BOBJ1	9	22.1267	After	Interior Girder 5	22.1267	0.95	1	1	3.641848
Annual Perm 2_serv	BOBJ1	9	22.1267	After	Interior Girder 6	22.1267	0.95	1	1	3.550747
Annual Perm 2_serv	BOBJ1	9	22.1267	After	Right Exterior Girder	22.1267	0.95	1	1	4.374672
Annual Perm 2_serv	BOBJ1	10	28.1033	Before	Left Exterior Girder	28.1033	0.95	1	1	4.508267
Annual Perm 2_serv	BOBJ1	10	28.1033	Before	Interior Girder 1	28.1033	0.95	1	1	4.152916
Annual Perm 2_serv	BOBJ1	10	28.1033	Before	Interior Girder 2	28.1033	0.95	1	1	4.211891
Annual Perm 2_serv	BOBJ1	10	28.1033	Before	Interior Girder 3	28.1033	0.95	1	1	3.82745
Annual Perm 2_serv	BOBJ1	10	28.1033	Before	Interior Girder 4	28.1033	0.95	1	1	3.82745
Annual Perm 2_serv	BOBJ1	10	28.1033	Before	Interior Girder 5	28.1033	0.95	1	1	4.211891
Annual Perm 2_serv	BOBJ1	10	28.1033	Before	Interior Girder 6	28.1033	0.95	1	1	4.152916
Annual Perm 2_serv	BOBJ1	10	28.1033	Before	Right Exterior Girder	28.1033	0.95	1	1	4.508267
Annual Perm 2_serv	BOBJ1	11	28.1033	After	Left Exterior Girder	28.1033	0.95	1	1	4.585828
Annual Perm 2_serv	BOBJ1	11	28.1033	After	Interior Girder 1	28.1033	0.95	1	1	4.189655
Annual Perm 2_serv	BOBJ1	11	28.1033	After	Interior Girder 2	28.1033	0.95	1	1	4.207262
Annual Perm 2_serv	BOBJ1	11	28.1033	After	Interior Girder 3	28.1033	0.95	1	1	3.793693
Annual Perm 2_serv	BOBJ1	11	28.1033	After	Interior Girder 4	28.1033	0.95	1	1	3.793693
Annual Perm 2_serv	BOBJ1	11	28.1033	After	Interior Girder 5	28.1033	0.95	1	1	4.207262
Annual Perm 2_serv	BOBJ1	11	28.1033	After	Interior Girder 6	28.1033	0.95	1	1	4.189655
Annual Perm 2_serv	BOBJ1	11	28.1033	After	Right Exterior Girder	28.1033	0.95	1	1	4.585828
Annual Perm 2_serv	BOBJ1	12	34.08	Before	Left Exterior Girder	34.08	0.95	1	1	3.275458
Annual Perm 2_serv	BOBJ1	12	34.08	Before	Interior Girder 1	34.08	0.95	1	1	3.394206
Annual Perm 2_serv	BOBJ1	12	34.08	Before	Interior Girder 2	34.08	0.95	1	1	3.943327
Annual Perm 2_serv	BOBJ1	12	34.08	Before	Interior Girder 3	34.08	0.95	1	1	4.198424
Annual Perm 2_serv	BOBJ1	12	34.08	Before	Interior Girder 4	34.08	0.95	1	1	4.198424
Annual Perm 2_serv	BOBJ1	12	34.08	Before	Interior Girder 5	34.08	0.95	1	1	3.943327
Annual Perm 2_serv	BOBJ1	12	34.08	Before	Interior Girder 6	34.08	0.95	1	1	3.394206
Annual Perm 2_serv	BOBJ1	12	34.08	Before	Right Exterior Girder	34.08	0.95	1	1	3.275458
Annual Perm 2_serv	BOBJ1	13	34.08	After	Left Exterior Girder	34.08	0.95	1	1	3.312605
Annual Perm 2_serv	BOBJ1	13	34.08	After	Interior Girder 1	34.08	0.95	1	1	3.356025
Annual Perm 2_serv	BOBJ1	13	34.08	After	Interior Girder 2	34.08	0.95	1	1	3.923655
Annual Perm 2_serv	BOBJ1	13	34.08	After	Interior Girder 3	34.08	0.95	1	1	4.19901
Annual Perm 2_serv	BOBJ1	13	34.08	After	Interior Girder 4	34.08	0.95	1	1	4.19901
Annual Perm 2_serv	BOBJ1	13	34.08	After	Interior Girder 5	34.08	0.95	1	1	3.923655
Annual Perm 2_serv	BOBJ1	13	34.08	After	Interior Girder 6	34.08	0.95	1	1	3.356025
Annual Perm 2_serv	BOBJ1	13	34.08	After	Right Exterior Girder	34.08	0.95	1	1	3.312605
Annual Perm 2_serv	BOBJ1	14	39.855	Before	Left Exterior Girder	39.855	0.95	1	1	2.225292
Annual Perm 2_serv	BOBJ1	14	39.855	Before	Interior Girder 1	39.855	0.95	1	1	2.54336
Annual Perm 2_serv	BOBJ1	14	39.855	Before	Interior Girder 2	39.855	0.95	1	1	2.944257
Annual Perm 2_serv	BOBJ1	14	39.855	Before	Interior Girder 3	39.855	0.95	1	1	2.795531
Annual Perm 2_serv	BOBJ1	14	39.855	Before	Interior Girder 4	39.855	0.95	1	1	2.795531
Annual Perm 2_serv	BOBJ1	14	39.855	Before	Interior Girder 5	39.855	0.95	1	1	2.944257
Annual Perm 2_serv	BOBJ1	14	39.855	Before	Interior Girder 6	39.855	0.95	1	1	2.54336
Annual Perm 2_serv	BOBJ1	14	39.855	Before	Right Exterior Girder	39.855	0.95	1	1	2.225292
Annual Perm 2_serv	BOBJ1	15	39.855	After	Left Exterior Girder	39.855	0.95	1	1	2.26912
Annual Perm 2_serv	BOBJ1	15	39.855	After	Interior Girder 1	39.855	0.95	1	1	2.490408
Annual Perm 2_serv	BOBJ1	15	39.855	After	Interior Girder 2	39.855	0.95	1	1	2.909773
Annual Perm 2_serv	BOBJ1	15	39.855	After	Interior Girder 3	39.855	0.95	1	1	2.754712
Annual Perm 2_serv	BOBJ1	15	39.855	After	Interior Girder 4	39.855	0.95	1	1	2.754712
Annual Perm 2_serv	BOBJ1	15	39.855	After	Interior Girder 5	39.855	0.95	1	1	2.909773
Annual Perm 2_serv	BOBJ1	15	39.855	After	Interior Girder 6	39.855	0.95	1	1	2.490408
Annual Perm 2_serv	BOBJ1	15	39.855	After	Right Exterior Girder	39.855	0.95	1	1	2.26912
Annual Perm 2_serv	BOBJ1	16	40.0288	Before	Left Exterior Girder	40.0288	0.95	1	1	2.228211
Annual Perm 2_serv	BOBJ1	16	40.0288	Before	Right Exterior Girder	40.0288	0.95	1	1	2.228211
Annual Perm 2_serv	BOBJ1	17	40.0288	After	Left Exterior Girder	40.0288	0.95	1	1	3.201939
Annual Perm 2_serv	BOBJ1	17	40.0288	After	Right Exterior Girder	40.0288	0.95	1	1	3.201939
Annual Perm 2_serv	BOBJ1	18	45.63	Before	Left Exterior Girder	45.63	0.95	1	1	2.056205
Annual Perm 2_serv	BOBJ1	18	45.63	Before	Interior Girder 1	45.63	0.95	1	1	1.569725
Annual Perm 2_serv	BOBJ1	18	45.63	Before	Interior Girder 2	45.63	0.95	1	1	1.688974
Annual Perm 2_serv	BOBJ1	18	45.63	Before	Interior Girder 3	45.63	0.95	1	1	1.295692
Annual Perm 2_serv	BOBJ1	18	45.63	Before	Interior Girder 4	45.63	0.95	1	1	1.295692
Annual Perm 2_serv	BOBJ1	18	45.63	Before	Interior Girder 5	45.63	0.95	1	1	1.688974
Annual Perm 2_serv	BOBJ1	18	45.63	Before	Interior Girder 6	45.63	0.95	1	1	1.569725
Annual Perm 2_serv	BOBJ1	18	45.63	Before	Right Exterior Girder	45.63	0.95	1	1	2.056205
Annual Perm 2_serv	BOBJ1	19	45.63	After	Left Exterior Girder	0	0.95	1	1	2.068144
Annual Perm 2_serv	BOBJ1	19	45.63	After	Interior Girder 1	0	0.95	1	1	1.550296
Annual Perm 2_serv	BOBJ1	19	45.63	After	Interior Girder 2	0	0.95	1	1	1.676241

TABLE: Bridge Super Rating AASHTORATE18 31 - SteelICompServ-Flx - Approach, Span 16-19										
Request	BridgeObj	BridgeCut	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	Unitless	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Annual Perm 2_serv	BOBJ1	19	45.63	After	Interior Girder 3	0	0.95	1	1	1.275898
Annual Perm 2_serv	BOBJ1	19	45.63	After	Interior Girder 4	0	0.95	1	1	1.275898
Annual Perm 2_serv	BOBJ1	19	45.63	After	Interior Girder 5	0	0.95	1	1	1.676241
Annual Perm 2_serv	BOBJ1	19	45.63	After	Interior Girder 6	0	0.95	1	1	1.550296
Annual Perm 2_serv	BOBJ1	19	45.63	After	Right Exterior Girder	0	0.95	1	1	2.068144
Annual Perm 2_serv	BOBJ1	20	50.6298	Before	Left Exterior Girder	4.9998	0.95	1	1	5.174392
Annual Perm 2_serv	BOBJ1	20	50.6298	Before	Right Exterior Girder	4.9998	0.95	1	1	5.174392
Annual Perm 2_serv	BOBJ1	21	50.6298	After	Left Exterior Girder	4.9998	0.95	1	1	3.44282
Annual Perm 2_serv	BOBJ1	21	50.6298	After	Right Exterior Girder	4.9998	0.95	1	1	3.44282
Annual Perm 2_serv	BOBJ1	22	51.4	Before	Left Exterior Girder	5.77	0.95	1	1	4.306436
Annual Perm 2_serv	BOBJ1	22	51.4	Before	Interior Girder 1	5.77	0.95	1	1	4.046768
Annual Perm 2_serv	BOBJ1	22	51.4	Before	Interior Girder 2	5.77	0.95	1	1	4.321467
Annual Perm 2_serv	BOBJ1	22	51.4	Before	Interior Girder 3	5.77	0.95	1	1	3.742363
Annual Perm 2_serv	BOBJ1	22	51.4	Before	Interior Girder 4	5.77	0.95	1	1	3.742363
Annual Perm 2_serv	BOBJ1	22	51.4	Before	Interior Girder 5	5.77	0.95	1	1	4.321467
Annual Perm 2_serv	BOBJ1	22	51.4	Before	Interior Girder 6	5.77	0.95	1	1	4.046768
Annual Perm 2_serv	BOBJ1	22	51.4	Before	Right Exterior Girder	5.77	0.95	1	1	4.306436
Annual Perm 2_serv	BOBJ1	23	51.4	After	Left Exterior Girder	5.77	0.95	1	1	4.1929
Annual Perm 2_serv	BOBJ1	23	51.4	After	Interior Girder 1	5.77	0.95	1	1	4.111081
Annual Perm 2_serv	BOBJ1	23	51.4	After	Interior Girder 2	5.77	0.95	1	1	4.275209
Annual Perm 2_serv	BOBJ1	23	51.4	After	Interior Girder 3	5.77	0.95	1	1	3.628086
Annual Perm 2_serv	BOBJ1	23	51.4	After	Interior Girder 4	5.77	0.95	1	1	3.628086
Annual Perm 2_serv	BOBJ1	23	51.4	After	Interior Girder 5	5.77	0.95	1	1	4.275209
Annual Perm 2_serv	BOBJ1	23	51.4	After	Interior Girder 6	5.77	0.95	1	1	4.111081
Annual Perm 2_serv	BOBJ1	23	51.4	After	Right Exterior Girder	5.77	0.95	1	1	4.1929
Annual Perm 2_serv	BOBJ1	24	57.17	Before	Left Exterior Girder	11.54	0.95	1	1	7.677443
Annual Perm 2_serv	BOBJ1	24	57.17	Before	Interior Girder 1	11.54	0.95	1	1	7.147055
Annual Perm 2_serv	BOBJ1	24	57.17	Before	Interior Girder 2	11.54	0.95	1	1	7.60768
Annual Perm 2_serv	BOBJ1	24	57.17	Before	Interior Girder 3	11.54	0.95	1	1	7.489392
Annual Perm 2_serv	BOBJ1	24	57.17	Before	Interior Girder 4	11.54	0.95	1	1	7.489392
Annual Perm 2_serv	BOBJ1	24	57.17	Before	Interior Girder 5	11.54	0.95	1	1	7.60768
Annual Perm 2_serv	BOBJ1	24	57.17	Before	Interior Girder 6	11.54	0.95	1	1	7.147055
Annual Perm 2_serv	BOBJ1	24	57.17	Before	Right Exterior Girder	11.54	0.95	1	1	7.677443
Annual Perm 2_serv	BOBJ1	25	57.17	After	Left Exterior Girder	11.54	0.95	1	1	7.602457
Annual Perm 2_serv	BOBJ1	25	57.17	After	Interior Girder 1	11.54	0.95	1	1	7.202995
Annual Perm 2_serv	BOBJ1	25	57.17	After	Interior Girder 2	11.54	0.95	1	1	7.722886
Annual Perm 2_serv	BOBJ1	25	57.17	After	Interior Girder 3	11.54	0.95	1	1	7.71314
Annual Perm 2_serv	BOBJ1	25	57.17	After	Interior Girder 4	11.54	0.95	1	1	7.71314
Annual Perm 2_serv	BOBJ1	25	57.17	After	Interior Girder 5	11.54	0.95	1	1	7.722886
Annual Perm 2_serv	BOBJ1	25	57.17	After	Interior Girder 6	11.54	0.95	1	1	7.202995
Annual Perm 2_serv	BOBJ1	25	57.17	After	Right Exterior Girder	11.54	0.95	1	1	7.602457
Annual Perm 2_serv	BOBJ1	26	63.34	Before	Left Exterior Girder	17.71	0.95	1	1	4.658372
Annual Perm 2_serv	BOBJ1	26	63.34	Before	Interior Girder 1	17.71	0.95	1	1	4.001737
Annual Perm 2_serv	BOBJ1	26	63.34	Before	Interior Girder 2	17.71	0.95	1	1	4.020281
Annual Perm 2_serv	BOBJ1	26	63.34	Before	Interior Girder 3	17.71	0.95	1	1	3.677705
Annual Perm 2_serv	BOBJ1	26	63.34	Before	Interior Girder 4	17.71	0.95	1	1	3.677705
Annual Perm 2_serv	BOBJ1	26	63.34	Before	Interior Girder 5	17.71	0.95	1	1	4.020281
Annual Perm 2_serv	BOBJ1	26	63.34	Before	Interior Girder 6	17.71	0.95	1	1	4.001737
Annual Perm 2_serv	BOBJ1	26	63.34	Before	Right Exterior Girder	17.71	0.95	1	1	4.658372
Annual Perm 2_serv	BOBJ1	27	63.34	After	Left Exterior Girder	17.71	0.95	1	1	4.827856
Annual Perm 2_serv	BOBJ1	27	63.34	After	Interior Girder 1	17.71	0.95	1	1	3.920575
Annual Perm 2_serv	BOBJ1	27	63.34	After	Interior Girder 2	17.71	0.95	1	1	3.996729
Annual Perm 2_serv	BOBJ1	27	63.34	After	Interior Girder 3	17.71	0.95	1	1	3.731011
Annual Perm 2_serv	BOBJ1	27	63.34	After	Interior Girder 4	17.71	0.95	1	1	3.731011
Annual Perm 2_serv	BOBJ1	27	63.34	After	Interior Girder 5	17.71	0.95	1	1	3.996729
Annual Perm 2_serv	BOBJ1	27	63.34	After	Interior Girder 6	17.71	0.95	1	1	3.920575
Annual Perm 2_serv	BOBJ1	27	63.34	After	Right Exterior Girder	17.71	0.95	1	1	4.827856
Annual Perm 2_serv	BOBJ1	28	69.51	Before	Left Exterior Girder	23.88	0.95	1	1	2.966037
Annual Perm 2_serv	BOBJ1	28	69.51	Before	Interior Girder 1	23.88	0.95	1	1	2.757331
Annual Perm 2_serv	BOBJ1	28	69.51	Before	Interior Girder 2	23.88	0.95	1	1	2.938235
Annual Perm 2_serv	BOBJ1	28	69.51	Before	Interior Girder 3	23.88	0.95	1	1	2.759448
Annual Perm 2_serv	BOBJ1	28	69.51	Before	Interior Girder 4	23.88	0.95	1	1	2.759448
Annual Perm 2_serv	BOBJ1	28	69.51	Before	Interior Girder 5	23.88	0.95	1	1	2.938235
Annual Perm 2_serv	BOBJ1	28	69.51	Before	Interior Girder 6	23.88	0.95	1	1	2.757331
Annual Perm 2_serv	BOBJ1	28	69.51	Before	Right Exterior Girder	23.88	0.95	1	1	2.966037
Annual Perm 2_serv	BOBJ1	29	69.51	After	Left Exterior Girder	23.88	0.95	1	1	2.995702
Annual Perm 2_serv	BOBJ1	29	69.51	After	Interior Girder 1	23.88	0.95	1	1	2.752578
Annual Perm 2_serv	BOBJ1	29	69.51	After	Interior Girder 2	23.88	0.95	1	1	2.955735
Annual Perm 2_serv	BOBJ1	29	69.51	After	Interior Girder 3	23.88	0.95	1	1	2.803947
Annual Perm 2_serv	BOBJ1	29	69.51	After	Interior Girder 4	23.88	0.95	1	1	2.803947
Annual Perm 2_serv	BOBJ1	29	69.51	After	Interior Girder 5	23.88	0.95	1	1	2.955735
Annual Perm 2_serv	BOBJ1	29	69.51	After	Interior Girder 6	23.88	0.95	1	1	2.752578
Annual Perm 2_serv	BOBJ1	29	69.51	After	Right Exterior Girder	23.88	0.95	1	1	2.995702

TABLE: Bridge Super Rating AASHTORATE18 31 - SteelICompServ-Flx - Approach, Span 16-19										
Request	BridgeObj	BridgeCut	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	Unitless	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Annual Perm 2_serv	BOBJ1	30	75.68	Before	Left Exterior Girder	30.05	0.95	1	1	2.279592
Annual Perm 2_serv	BOBJ1	30	75.68	Before	Interior Girder 1	30.05	0.95	1	1	2.506478
Annual Perm 2_serv	BOBJ1	30	75.68	Before	Interior Girder 2	30.05	0.95	1	1	2.798639
Annual Perm 2_serv	BOBJ1	30	75.68	Before	Interior Girder 3	30.05	0.95	1	1	2.820538
Annual Perm 2_serv	BOBJ1	30	75.68	Before	Interior Girder 4	30.05	0.95	1	1	2.820538
Annual Perm 2_serv	BOBJ1	30	75.68	Before	Interior Girder 5	30.05	0.95	1	1	2.798639
Annual Perm 2_serv	BOBJ1	30	75.68	Before	Interior Girder 6	30.05	0.95	1	1	2.506478
Annual Perm 2_serv	BOBJ1	30	75.68	Before	Right Exterior Girder	30.05	0.95	1	1	2.279592
Annual Perm 2_serv	BOBJ1	31	75.68	After	Left Exterior Girder	30.05	0.95	1	1	2.295395
Annual Perm 2_serv	BOBJ1	31	75.68	After	Interior Girder 1	30.05	0.95	1	1	2.495933
Annual Perm 2_serv	BOBJ1	31	75.68	After	Interior Girder 2	30.05	0.95	1	1	2.79915
Annual Perm 2_serv	BOBJ1	31	75.68	After	Interior Girder 3	30.05	0.95	1	1	2.831
Annual Perm 2_serv	BOBJ1	31	75.68	After	Interior Girder 4	30.05	0.95	1	1	2.831
Annual Perm 2_serv	BOBJ1	31	75.68	After	Interior Girder 5	30.05	0.95	1	1	2.79915
Annual Perm 2_serv	BOBJ1	31	75.68	After	Interior Girder 6	30.05	0.95	1	1	2.495933
Annual Perm 2_serv	BOBJ1	31	75.68	After	Right Exterior Girder	30.05	0.95	1	1	2.295395
Annual Perm 2_serv	BOBJ1	32	81.8467	Before	Left Exterior Girder	36.2167	0.95	1	1	2.361382
Annual Perm 2_serv	BOBJ1	32	81.8467	Before	Interior Girder 1	36.2167	0.95	1	1	2.328145
Annual Perm 2_serv	BOBJ1	32	81.8467	Before	Interior Girder 2	36.2167	0.95	1	1	2.566488
Annual Perm 2_serv	BOBJ1	32	81.8467	Before	Interior Girder 3	36.2167	0.95	1	1	2.457217
Annual Perm 2_serv	BOBJ1	32	81.8467	Before	Interior Girder 4	36.2167	0.95	1	1	2.457217
Annual Perm 2_serv	BOBJ1	32	81.8467	Before	Interior Girder 5	36.2167	0.95	1	1	2.566488
Annual Perm 2_serv	BOBJ1	32	81.8467	Before	Interior Girder 6	36.2167	0.95	1	1	2.328145
Annual Perm 2_serv	BOBJ1	32	81.8467	Before	Right Exterior Girder	36.2167	0.95	1	1	2.361382
Annual Perm 2_serv	BOBJ1	33	81.8467	After	Left Exterior Girder	36.2167	0.95	1	1	2.365908
Annual Perm 2_serv	BOBJ1	33	81.8467	After	Interior Girder 1	36.2167	0.95	1	1	2.319146
Annual Perm 2_serv	BOBJ1	33	81.8467	After	Interior Girder 2	36.2167	0.95	1	1	2.551246
Annual Perm 2_serv	BOBJ1	33	81.8467	After	Interior Girder 3	36.2167	0.95	1	1	2.434913
Annual Perm 2_serv	BOBJ1	33	81.8467	After	Interior Girder 4	36.2167	0.95	1	1	2.434913
Annual Perm 2_serv	BOBJ1	33	81.8467	After	Interior Girder 5	36.2167	0.95	1	1	2.551246
Annual Perm 2_serv	BOBJ1	33	81.8467	After	Interior Girder 6	36.2167	0.95	1	1	2.319146
Annual Perm 2_serv	BOBJ1	33	81.8467	After	Right Exterior Girder	36.2167	0.95	1	1	2.365908
Annual Perm 2_serv	BOBJ1	34	88.0133	Before	Left Exterior Girder	42.3833	0.95	1	1	2.835562
Annual Perm 2_serv	BOBJ1	34	88.0133	Before	Interior Girder 1	42.3833	0.95	1	1	2.62238
Annual Perm 2_serv	BOBJ1	34	88.0133	Before	Interior Girder 2	42.3833	0.95	1	1	2.829084
Annual Perm 2_serv	BOBJ1	34	88.0133	Before	Interior Girder 3	42.3833	0.95	1	1	2.680831
Annual Perm 2_serv	BOBJ1	34	88.0133	Before	Interior Girder 4	42.3833	0.95	1	1	2.680831
Annual Perm 2_serv	BOBJ1	34	88.0133	Before	Interior Girder 5	42.3833	0.95	1	1	2.829084
Annual Perm 2_serv	BOBJ1	34	88.0133	Before	Interior Girder 6	42.3833	0.95	1	1	2.62238
Annual Perm 2_serv	BOBJ1	34	88.0133	Before	Right Exterior Girder	42.3833	0.95	1	1	2.835562
Annual Perm 2_serv	BOBJ1	35	88.0133	After	Left Exterior Girder	42.3833	0.95	1	1	2.768134
Annual Perm 2_serv	BOBJ1	35	88.0133	After	Interior Girder 1	42.3833	0.95	1	1	2.657807
Annual Perm 2_serv	BOBJ1	35	88.0133	After	Interior Girder 2	42.3833	0.95	1	1	2.851179
Annual Perm 2_serv	BOBJ1	35	88.0133	After	Interior Girder 3	42.3833	0.95	1	1	2.673874
Annual Perm 2_serv	BOBJ1	35	88.0133	After	Interior Girder 4	42.3833	0.95	1	1	2.673874
Annual Perm 2_serv	BOBJ1	35	88.0133	After	Interior Girder 5	42.3833	0.95	1	1	2.851179
Annual Perm 2_serv	BOBJ1	35	88.0133	After	Interior Girder 6	42.3833	0.95	1	1	2.657807
Annual Perm 2_serv	BOBJ1	35	88.0133	After	Right Exterior Girder	42.3833	0.95	1	1	2.768134
Annual Perm 2_serv	BOBJ1	36	94.18	Before	Left Exterior Girder	48.55	0.95	1	1	3.877568
Annual Perm 2_serv	BOBJ1	36	94.18	Before	Interior Girder 1	48.55	0.95	1	1	3.898904
Annual Perm 2_serv	BOBJ1	36	94.18	Before	Interior Girder 2	48.55	0.95	1	1	4.148255
Annual Perm 2_serv	BOBJ1	36	94.18	Before	Interior Girder 3	48.55	0.95	1	1	4.108392
Annual Perm 2_serv	BOBJ1	36	94.18	Before	Interior Girder 4	48.55	0.95	1	1	4.108392
Annual Perm 2_serv	BOBJ1	36	94.18	Before	Interior Girder 5	48.55	0.95	1	1	4.148255
Annual Perm 2_serv	BOBJ1	36	94.18	Before	Interior Girder 6	48.55	0.95	1	1	3.898904
Annual Perm 2_serv	BOBJ1	36	94.18	Before	Right Exterior Girder	48.55	0.95	1	1	3.877568
Annual Perm 2_serv	BOBJ1	37	94.18	After	Left Exterior Girder	48.55	0.95	1	1	3.791077
Annual Perm 2_serv	BOBJ1	37	94.18	After	Interior Girder 1	48.55	0.95	1	1	3.961918
Annual Perm 2_serv	BOBJ1	37	94.18	After	Interior Girder 2	48.55	0.95	1	1	4.150819
Annual Perm 2_serv	BOBJ1	37	94.18	After	Interior Girder 3	48.55	0.95	1	1	4.025143
Annual Perm 2_serv	BOBJ1	37	94.18	After	Interior Girder 4	48.55	0.95	1	1	4.025143
Annual Perm 2_serv	BOBJ1	37	94.18	After	Interior Girder 5	48.55	0.95	1	1	4.150819
Annual Perm 2_serv	BOBJ1	37	94.18	After	Interior Girder 6	48.55	0.95	1	1	3.961918
Annual Perm 2_serv	BOBJ1	37	94.18	After	Right Exterior Girder	48.55	0.95	1	1	3.791077
Annual Perm 2_serv	BOBJ1	38	100.3567	Before	Left Exterior Girder	54.7267	0.95	1	1	5.701039
Annual Perm 2_serv	BOBJ1	38	100.3567	Before	Interior Girder 1	54.7267	0.95	1	1	5.619108
Annual Perm 2_serv	BOBJ1	38	100.3567	Before	Interior Girder 2	54.7267	0.95	1	1	6.187409
Annual Perm 2_serv	BOBJ1	38	100.3567	Before	Interior Girder 3	54.7267	0.95	1	1	5.941476
Annual Perm 2_serv	BOBJ1	38	100.3567	Before	Interior Girder 4	54.7267	0.95	1	1	5.941476
Annual Perm 2_serv	BOBJ1	38	100.3567	Before	Interior Girder 5	54.7267	0.95	1	1	6.187409
Annual Perm 2_serv	BOBJ1	38	100.3567	Before	Interior Girder 6	54.7267	0.95	1	1	5.619108
Annual Perm 2_serv	BOBJ1	38	100.3567	Before	Right Exterior Girder	54.7267	0.95	1	1	5.701039
Annual Perm 2_serv	BOBJ1	39	100.3567	After	Left Exterior Girder	54.7267	0.95	1	1	5.783311

TABLE: Bridge Super Rating AASHTORATE18 31 - SteelICompServ-Flx - Approach, Span 16-19										
Request	BridgeObj	BridgeCut	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	Unitless	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Annual Perm 2_serv	BOBJ1	39	100.3567	After	Interior Girder 1	54.7267	0.95	1	1	5.541639
Annual Perm 2_serv	BOBJ1	39	100.3567	After	Interior Girder 2	54.7267	0.95	1	1	6.11538
Annual Perm 2_serv	BOBJ1	39	100.3567	After	Interior Girder 3	54.7267	0.95	1	1	5.733401
Annual Perm 2_serv	BOBJ1	39	100.3567	After	Interior Girder 4	54.7267	0.95	1	1	5.733401
Annual Perm 2_serv	BOBJ1	39	100.3567	After	Interior Girder 5	54.7267	0.95	1	1	6.11538
Annual Perm 2_serv	BOBJ1	39	100.3567	After	Interior Girder 6	54.7267	0.95	1	1	5.541639
Annual Perm 2_serv	BOBJ1	39	100.3567	After	Right Exterior Girder	54.7267	0.95	1	1	5.783311
Annual Perm 2_serv	BOBJ1	40	106.5333	Before	Left Exterior Girder	60.9033	0.95	1	1	3.940736
Annual Perm 2_serv	BOBJ1	40	106.5333	Before	Interior Girder 1	60.9033	0.95	1	1	4.081935
Annual Perm 2_serv	BOBJ1	40	106.5333	Before	Interior Girder 2	60.9033	0.95	1	1	4.32958
Annual Perm 2_serv	BOBJ1	40	106.5333	Before	Interior Girder 3	60.9033	0.95	1	1	3.800408
Annual Perm 2_serv	BOBJ1	40	106.5333	Before	Interior Girder 4	60.9033	0.95	1	1	3.800408
Annual Perm 2_serv	BOBJ1	40	106.5333	Before	Interior Girder 5	60.9033	0.95	1	1	4.32958
Annual Perm 2_serv	BOBJ1	40	106.5333	Before	Interior Girder 6	60.9033	0.95	1	1	4.081935
Annual Perm 2_serv	BOBJ1	40	106.5333	Before	Right Exterior Girder	60.9033	0.95	1	1	3.940736
Annual Perm 2_serv	BOBJ1	41	106.5333	After	Left Exterior Girder	60.9033	0.95	1	1	4.040762
Annual Perm 2_serv	BOBJ1	41	106.5333	After	Interior Girder 1	60.9033	0.95	1	1	3.979148
Annual Perm 2_serv	BOBJ1	41	106.5333	After	Interior Girder 2	60.9033	0.95	1	1	4.281866
Annual Perm 2_serv	BOBJ1	41	106.5333	After	Interior Girder 3	60.9033	0.95	1	1	3.804172
Annual Perm 2_serv	BOBJ1	41	106.5333	After	Interior Girder 4	60.9033	0.95	1	1	3.804172
Annual Perm 2_serv	BOBJ1	41	106.5333	After	Interior Girder 5	60.9033	0.95	1	1	4.281866
Annual Perm 2_serv	BOBJ1	41	106.5333	After	Interior Girder 6	60.9033	0.95	1	1	3.979148
Annual Perm 2_serv	BOBJ1	41	106.5333	After	Right Exterior Girder	60.9033	0.95	1	1	4.040762
Annual Perm 2_serv	BOBJ1	42	108.2102	Before	Left Exterior Girder	62.5802	0.95	1	1	3.08349
Annual Perm 2_serv	BOBJ1	42	108.2102	Before	Right Exterior Girder	62.5802	0.95	1	1	3.08349
Annual Perm 2_serv	BOBJ1	43	108.2102	After	Left Exterior Girder	62.5802	0.95	1	1	4.636081
Annual Perm 2_serv	BOBJ1	43	108.2102	After	Right Exterior Girder	62.5802	0.95	1	1	4.636081
Annual Perm 2_serv	BOBJ1	44	112.71	Before	Left Exterior Girder	67.08	0.95	1	1	2.235064
Annual Perm 2_serv	BOBJ1	44	112.71	Before	Interior Girder 1	67.08	0.95	1	1	1.498111
Annual Perm 2_serv	BOBJ1	44	112.71	Before	Interior Girder 2	67.08	0.95	1	1	1.582142
Annual Perm 2_serv	BOBJ1	44	112.71	Before	Interior Girder 3	67.08	0.95	1	1	1.249571
Annual Perm 2_serv	BOBJ1	44	112.71	Before	Interior Girder 4	67.08	0.95	1	1	1.249571
Annual Perm 2_serv	BOBJ1	44	112.71	Before	Interior Girder 5	67.08	0.95	1	1	1.582142
Annual Perm 2_serv	BOBJ1	44	112.71	Before	Interior Girder 6	67.08	0.95	1	1	1.498111
Annual Perm 2_serv	BOBJ1	44	112.71	Before	Right Exterior Girder	67.08	0.95	1	1	2.235064
Annual Perm 2_serv	BOBJ1	45	112.71	After	Left Exterior Girder	0	0.95	1	1	2.199305
Annual Perm 2_serv	BOBJ1	45	112.71	After	Interior Girder 1	0	0.95	1	1	1.510965
Annual Perm 2_serv	BOBJ1	45	112.71	After	Interior Girder 2	0	0.95	1	1	1.594154
Annual Perm 2_serv	BOBJ1	45	112.71	After	Interior Girder 3	0	0.95	1	1	1.264537
Annual Perm 2_serv	BOBJ1	45	112.71	After	Interior Girder 4	0	0.95	1	1	1.264537
Annual Perm 2_serv	BOBJ1	45	112.71	After	Interior Girder 5	0	0.95	1	1	1.594154
Annual Perm 2_serv	BOBJ1	45	112.71	After	Interior Girder 6	0	0.95	1	1	1.510965
Annual Perm 2_serv	BOBJ1	45	112.71	After	Right Exterior Girder	0	0.95	1	1	2.199305
Annual Perm 2_serv	BOBJ1	46	117.21	Before	Left Exterior Girder	4.5	0.95	1	1	3.217645
Annual Perm 2_serv	BOBJ1	46	117.21	Before	Right Exterior Girder	4.5	0.95	1	1	3.217645
Annual Perm 2_serv	BOBJ1	47	117.21	After	Left Exterior Girder	4.5	0.95	1	1	2.18667
Annual Perm 2_serv	BOBJ1	47	117.21	After	Right Exterior Girder	4.5	0.95	1	1	2.18667
Annual Perm 2_serv	BOBJ1	48	119.1	Before	Left Exterior Girder	6.39	0.95	1	1	2.543791
Annual Perm 2_serv	BOBJ1	48	119.1	Before	Interior Girder 1	6.39	0.95	1	1	2.670892
Annual Perm 2_serv	BOBJ1	48	119.1	Before	Interior Girder 2	6.39	0.95	1	1	3.091776
Annual Perm 2_serv	BOBJ1	48	119.1	Before	Interior Girder 3	6.39	0.95	1	1	2.913145
Annual Perm 2_serv	BOBJ1	48	119.1	Before	Interior Girder 4	6.39	0.95	1	1	2.913145
Annual Perm 2_serv	BOBJ1	48	119.1	Before	Interior Girder 5	6.39	0.95	1	1	3.091776
Annual Perm 2_serv	BOBJ1	48	119.1	Before	Interior Girder 6	6.39	0.95	1	1	2.670892
Annual Perm 2_serv	BOBJ1	48	119.1	Before	Right Exterior Girder	6.39	0.95	1	1	2.543791
Annual Perm 2_serv	BOBJ1	49	119.1	After	Left Exterior Girder	6.39	0.95	1	1	2.494321
Annual Perm 2_serv	BOBJ1	49	119.1	After	Interior Girder 1	6.39	0.95	1	1	2.735262
Annual Perm 2_serv	BOBJ1	49	119.1	After	Interior Girder 2	6.39	0.95	1	1	3.136575
Annual Perm 2_serv	BOBJ1	49	119.1	After	Interior Girder 3	6.39	0.95	1	1	2.965629
Annual Perm 2_serv	BOBJ1	49	119.1	After	Interior Girder 4	6.39	0.95	1	1	2.965629
Annual Perm 2_serv	BOBJ1	49	119.1	After	Interior Girder 5	6.39	0.95	1	1	3.136575
Annual Perm 2_serv	BOBJ1	49	119.1	After	Interior Girder 6	6.39	0.95	1	1	2.735262
Annual Perm 2_serv	BOBJ1	49	119.1	After	Right Exterior Girder	6.39	0.95	1	1	2.494321
Annual Perm 2_serv	BOBJ1	50	125.49	Before	Left Exterior Girder	12.78	0.95	1	1	3.700497
Annual Perm 2_serv	BOBJ1	50	125.49	Before	Interior Girder 1	12.78	0.95	1	1	3.701652
Annual Perm 2_serv	BOBJ1	50	125.49	Before	Interior Girder 2	12.78	0.95	1	1	4.312335
Annual Perm 2_serv	BOBJ1	50	125.49	Before	Interior Girder 3	12.78	0.95	1	1	4.439906
Annual Perm 2_serv	BOBJ1	50	125.49	Before	Interior Girder 4	12.78	0.95	1	1	4.439906
Annual Perm 2_serv	BOBJ1	50	125.49	Before	Interior Girder 5	12.78	0.95	1	1	4.312335
Annual Perm 2_serv	BOBJ1	50	125.49	Before	Interior Girder 6	12.78	0.95	1	1	3.701652
Annual Perm 2_serv	BOBJ1	50	125.49	Before	Right Exterior Girder	12.78	0.95	1	1	3.700497
Annual Perm 2_serv	BOBJ1	51	125.49	After	Left Exterior Girder	12.78	0.95	1	1	3.654415
Annual Perm 2_serv	BOBJ1	51	125.49	After	Interior Girder 1	12.78	0.95	1	1	3.754888

TABLE: Bridge Super Rating AASHTORATE18 31 - SteelICompServ-Flx - Approach, Span 16-19										
Request	BridgeObj	BridgeCut	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	Unitless	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Annual Perm 2_serv	BOBJ1	51	125.49	After	Interior Girder 2	12.78	0.95	1	1	4.338141
Annual Perm 2_serv	BOBJ1	51	125.49	After	Interior Girder 3	12.78	0.95	1	1	4.459988
Annual Perm 2_serv	BOBJ1	51	125.49	After	Interior Girder 4	12.78	0.95	1	1	4.459988
Annual Perm 2_serv	BOBJ1	51	125.49	After	Interior Girder 5	12.78	0.95	1	1	4.338141
Annual Perm 2_serv	BOBJ1	51	125.49	After	Interior Girder 6	12.78	0.95	1	1	3.754888
Annual Perm 2_serv	BOBJ1	51	125.49	After	Right Exterior Girder	12.78	0.95	1	1	3.654415
Annual Perm 2_serv	BOBJ1	52	131.88	Before	Left Exterior Girder	19.17	0.95	1	1	4.264963
Annual Perm 2_serv	BOBJ1	52	131.88	Before	Interior Girder 1	19.17	0.95	1	1	4.318296
Annual Perm 2_serv	BOBJ1	52	131.88	Before	Interior Girder 2	19.17	0.95	1	1	4.448985
Annual Perm 2_serv	BOBJ1	52	131.88	Before	Interior Girder 3	19.17	0.95	1	1	4.245879
Annual Perm 2_serv	BOBJ1	52	131.88	Before	Interior Girder 4	19.17	0.95	1	1	4.245879
Annual Perm 2_serv	BOBJ1	52	131.88	Before	Interior Girder 5	19.17	0.95	1	1	4.448985
Annual Perm 2_serv	BOBJ1	52	131.88	Before	Interior Girder 6	19.17	0.95	1	1	4.318296
Annual Perm 2_serv	BOBJ1	52	131.88	Before	Right Exterior Girder	19.17	0.95	1	1	4.264963
Annual Perm 2_serv	BOBJ1	53	131.88	After	Left Exterior Girder	19.17	0.95	1	1	4.313842
Annual Perm 2_serv	BOBJ1	53	131.88	After	Interior Girder 1	19.17	0.95	1	1	4.286445
Annual Perm 2_serv	BOBJ1	53	131.88	After	Interior Girder 2	19.17	0.95	1	1	4.457801
Annual Perm 2_serv	BOBJ1	53	131.88	After	Interior Girder 3	19.17	0.95	1	1	4.31313
Annual Perm 2_serv	BOBJ1	53	131.88	After	Interior Girder 4	19.17	0.95	1	1	4.31313
Annual Perm 2_serv	BOBJ1	53	131.88	After	Interior Girder 5	19.17	0.95	1	1	4.457801
Annual Perm 2_serv	BOBJ1	53	131.88	After	Interior Girder 6	19.17	0.95	1	1	4.286445
Annual Perm 2_serv	BOBJ1	53	131.88	After	Right Exterior Girder	19.17	0.95	1	1	4.313842
Annual Perm 2_serv	BOBJ1	54	138.27	Before	Left Exterior Girder	25.56	0.95	1	1	3.797514
Annual Perm 2_serv	BOBJ1	54	138.27	Before	Interior Girder 1	25.56	0.95	1	1	3.364909
Annual Perm 2_serv	BOBJ1	54	138.27	Before	Interior Girder 2	25.56	0.95	1	1	3.484122
Annual Perm 2_serv	BOBJ1	54	138.27	Before	Interior Girder 3	25.56	0.95	1	1	3.183314
Annual Perm 2_serv	BOBJ1	54	138.27	Before	Interior Girder 4	25.56	0.95	1	1	3.183314
Annual Perm 2_serv	BOBJ1	54	138.27	Before	Interior Girder 5	25.56	0.95	1	1	3.484122
Annual Perm 2_serv	BOBJ1	54	138.27	Before	Interior Girder 6	25.56	0.95	1	1	3.364909
Annual Perm 2_serv	BOBJ1	54	138.27	Before	Right Exterior Girder	25.56	0.95	1	1	3.797514
Annual Perm 2_serv	BOBJ1	55	138.27	After	Left Exterior Girder	25.56	0.95	1	1	3.843899
Annual Perm 2_serv	BOBJ1	55	138.27	After	Interior Girder 1	25.56	0.95	1	1	3.339101
Annual Perm 2_serv	BOBJ1	55	138.27	After	Interior Girder 2	25.56	0.95	1	1	3.464081
Annual Perm 2_serv	BOBJ1	55	138.27	After	Interior Girder 3	25.56	0.95	1	1	3.177941
Annual Perm 2_serv	BOBJ1	55	138.27	After	Interior Girder 4	25.56	0.95	1	1	3.177941
Annual Perm 2_serv	BOBJ1	55	138.27	After	Interior Girder 5	25.56	0.95	1	1	3.464081
Annual Perm 2_serv	BOBJ1	55	138.27	After	Interior Girder 6	25.56	0.95	1	1	3.339101
Annual Perm 2_serv	BOBJ1	55	138.27	After	Right Exterior Girder	25.56	0.95	1	1	3.843899
Annual Perm 2_serv	BOBJ1	56	144.66	Before	Left Exterior Girder	31.95	0.95	1	1	3.931126
Annual Perm 2_serv	BOBJ1	56	144.66	Before	Interior Girder 1	31.95	0.95	1	1	3.372795
Annual Perm 2_serv	BOBJ1	56	144.66	Before	Interior Girder 2	31.95	0.95	1	1	3.493139
Annual Perm 2_serv	BOBJ1	56	144.66	Before	Interior Girder 3	31.95	0.95	1	1	3.203668
Annual Perm 2_serv	BOBJ1	56	144.66	Before	Interior Girder 4	31.95	0.95	1	1	3.203668
Annual Perm 2_serv	BOBJ1	56	144.66	Before	Interior Girder 5	31.95	0.95	1	1	3.493139
Annual Perm 2_serv	BOBJ1	56	144.66	Before	Interior Girder 6	31.95	0.95	1	1	3.372795
Annual Perm 2_serv	BOBJ1	56	144.66	Before	Right Exterior Girder	31.95	0.95	1	1	3.931126
Annual Perm 2_serv	BOBJ1	57	144.66	After	Left Exterior Girder	31.95	0.95	1	1	3.872371
Annual Perm 2_serv	BOBJ1	57	144.66	After	Interior Girder 1	31.95	0.95	1	1	3.405995
Annual Perm 2_serv	BOBJ1	57	144.66	After	Interior Girder 2	31.95	0.95	1	1	3.513144
Annual Perm 2_serv	BOBJ1	57	144.66	After	Interior Girder 3	31.95	0.95	1	1	3.203296
Annual Perm 2_serv	BOBJ1	57	144.66	After	Interior Girder 4	31.95	0.95	1	1	3.203296
Annual Perm 2_serv	BOBJ1	57	144.66	After	Interior Girder 5	31.95	0.95	1	1	3.513144
Annual Perm 2_serv	BOBJ1	57	144.66	After	Interior Girder 6	31.95	0.95	1	1	3.405995
Annual Perm 2_serv	BOBJ1	57	144.66	After	Right Exterior Girder	31.95	0.95	1	1	3.872371
Annual Perm 2_serv	BOBJ1	58	151.05	Before	Left Exterior Girder	38.34	0.95	1	1	4.607932
Annual Perm 2_serv	BOBJ1	58	151.05	Before	Interior Girder 1	38.34	0.95	1	1	4.439533
Annual Perm 2_serv	BOBJ1	58	151.05	Before	Interior Girder 2	38.34	0.95	1	1	4.596672
Annual Perm 2_serv	BOBJ1	58	151.05	Before	Interior Girder 3	38.34	0.95	1	1	4.427465
Annual Perm 2_serv	BOBJ1	58	151.05	Before	Interior Girder 4	38.34	0.95	1	1	4.427465
Annual Perm 2_serv	BOBJ1	58	151.05	Before	Interior Girder 5	38.34	0.95	1	1	4.596672
Annual Perm 2_serv	BOBJ1	58	151.05	Before	Interior Girder 6	38.34	0.95	1	1	4.439533
Annual Perm 2_serv	BOBJ1	58	151.05	Before	Right Exterior Girder	38.34	0.95	1	1	4.607932
Annual Perm 2_serv	BOBJ1	59	151.05	After	Left Exterior Girder	38.34	0.95	1	1	4.541213
Annual Perm 2_serv	BOBJ1	59	151.05	After	Interior Girder 1	38.34	0.95	1	1	4.486237
Annual Perm 2_serv	BOBJ1	59	151.05	After	Interior Girder 2	38.34	0.95	1	1	4.58573
Annual Perm 2_serv	BOBJ1	59	151.05	After	Interior Girder 3	38.34	0.95	1	1	4.346749
Annual Perm 2_serv	BOBJ1	59	151.05	After	Interior Girder 4	38.34	0.95	1	1	4.346749
Annual Perm 2_serv	BOBJ1	59	151.05	After	Interior Girder 5	38.34	0.95	1	1	4.58573
Annual Perm 2_serv	BOBJ1	59	151.05	After	Interior Girder 6	38.34	0.95	1	1	4.486237
Annual Perm 2_serv	BOBJ1	59	151.05	After	Right Exterior Girder	38.34	0.95	1	1	4.541213
Annual Perm 2_serv	BOBJ1	60	157.4367	Before	Left Exterior Girder	44.7267	0.95	1	1	4.031364
Annual Perm 2_serv	BOBJ1	60	157.4367	Before	Interior Girder 1	44.7267	0.95	1	1	4.203747
Annual Perm 2_serv	BOBJ1	60	157.4367	Before	Interior Girder 2	44.7267	0.95	1	1	4.751097

TABLE: Bridge Super Rating AASHTORATE18 31 - SteelICompServ-Flx - Approach, Span 16-19										
Request	BridgeObj	BridgeCut	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	Unitless	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Annual Perm 2_serv	BOBJ1	60	157.4367	Before	Interior Girder 3	44.7267	0.95	1	1	4.742565
Annual Perm 2_serv	BOBJ1	60	157.4367	Before	Interior Girder 4	44.7267	0.95	1	1	4.742565
Annual Perm 2_serv	BOBJ1	60	157.4367	Before	Interior Girder 5	44.7267	0.95	1	1	4.751097
Annual Perm 2_serv	BOBJ1	60	157.4367	Before	Interior Girder 6	44.7267	0.95	1	1	4.203747
Annual Perm 2_serv	BOBJ1	60	157.4367	Before	Right Exterior Girder	44.7267	0.95	1	1	4.031364
Annual Perm 2_serv	BOBJ1	61	157.4367	After	Left Exterior Girder	44.7267	0.95	1	1	4.069532
Annual Perm 2_serv	BOBJ1	61	157.4367	After	Interior Girder 1	44.7267	0.95	1	1	4.165523
Annual Perm 2_serv	BOBJ1	61	157.4367	After	Interior Girder 2	44.7267	0.95	1	1	4.73113
Annual Perm 2_serv	BOBJ1	61	157.4367	After	Interior Girder 3	44.7267	0.95	1	1	4.737891
Annual Perm 2_serv	BOBJ1	61	157.4367	After	Interior Girder 4	44.7267	0.95	1	1	4.737891
Annual Perm 2_serv	BOBJ1	61	157.4367	After	Interior Girder 5	44.7267	0.95	1	1	4.73113
Annual Perm 2_serv	BOBJ1	61	157.4367	After	Interior Girder 6	44.7267	0.95	1	1	4.165523
Annual Perm 2_serv	BOBJ1	61	157.4367	After	Right Exterior Girder	44.7267	0.95	1	1	4.069532
Annual Perm 2_serv	BOBJ1	62	158.71	Before	Left Exterior Girder	46	0.95	1	1	3.766049
Annual Perm 2_serv	BOBJ1	62	158.71	Before	Interior Girder 1	46	0.95	1	1	3.942059
Annual Perm 2_serv	BOBJ1	62	158.71	Before	Interior Girder 2	46	0.95	1	1	4.445442
Annual Perm 2_serv	BOBJ1	62	158.71	Before	Interior Girder 3	46	0.95	1	1	4.345289
Annual Perm 2_serv	BOBJ1	62	158.71	Before	Interior Girder 4	46	0.95	1	1	4.345289
Annual Perm 2_serv	BOBJ1	62	158.71	Before	Interior Girder 5	46	0.95	1	1	4.445442
Annual Perm 2_serv	BOBJ1	62	158.71	Before	Interior Girder 6	46	0.95	1	1	3.942059
Annual Perm 2_serv	BOBJ1	62	158.71	Before	Right Exterior Girder	46	0.95	1	1	3.766049
Annual Perm 2_serv	BOBJ1	63	158.71	After	Left Exterior Girder	46	0.95	1	1	5.144494
Annual Perm 2_serv	BOBJ1	63	158.71	After	Interior Girder 1	46	0.95	1	1	4.923705
Annual Perm 2_serv	BOBJ1	63	158.71	After	Interior Girder 2	46	0.95	1	1	5.541784
Annual Perm 2_serv	BOBJ1	63	158.71	After	Interior Girder 3	46	0.95	1	1	5.445007
Annual Perm 2_serv	BOBJ1	63	158.71	After	Interior Girder 4	46	0.95	1	1	5.445007
Annual Perm 2_serv	BOBJ1	63	158.71	After	Interior Girder 5	46	0.95	1	1	5.541784
Annual Perm 2_serv	BOBJ1	63	158.71	After	Interior Girder 6	46	0.95	1	1	4.923705
Annual Perm 2_serv	BOBJ1	63	158.71	After	Right Exterior Girder	46	0.95	1	1	5.144494
Annual Perm 2_serv	BOBJ1	64	163.8233	Before	Left Exterior Girder	51.1133	0.95	1	1	3.884701
Annual Perm 2_serv	BOBJ1	64	163.8233	Before	Interior Girder 1	51.1133	0.95	1	1	3.955441
Annual Perm 2_serv	BOBJ1	64	163.8233	Before	Interior Girder 2	51.1133	0.95	1	1	4.39176
Annual Perm 2_serv	BOBJ1	64	163.8233	Before	Interior Girder 3	51.1133	0.95	1	1	4.003082
Annual Perm 2_serv	BOBJ1	64	163.8233	Before	Interior Girder 4	51.1133	0.95	1	1	4.003082
Annual Perm 2_serv	BOBJ1	64	163.8233	Before	Interior Girder 5	51.1133	0.95	1	1	4.39176
Annual Perm 2_serv	BOBJ1	64	163.8233	Before	Interior Girder 6	51.1133	0.95	1	1	3.955441
Annual Perm 2_serv	BOBJ1	64	163.8233	Before	Right Exterior Girder	51.1133	0.95	1	1	3.884701
Annual Perm 2_serv	BOBJ1	65	163.8233	After	Left Exterior Girder	51.1133	0.95	1	1	3.961226
Annual Perm 2_serv	BOBJ1	65	163.8233	After	Interior Girder 1	51.1133	0.95	1	1	3.861906
Annual Perm 2_serv	BOBJ1	65	163.8233	After	Interior Girder 2	51.1133	0.95	1	1	4.29765
Annual Perm 2_serv	BOBJ1	65	163.8233	After	Interior Girder 3	51.1133	0.95	1	1	3.903585
Annual Perm 2_serv	BOBJ1	65	163.8233	After	Interior Girder 4	51.1133	0.95	1	1	3.903585
Annual Perm 2_serv	BOBJ1	65	163.8233	After	Interior Girder 5	51.1133	0.95	1	1	4.29765
Annual Perm 2_serv	BOBJ1	65	163.8233	After	Interior Girder 6	51.1133	0.95	1	1	3.861906
Annual Perm 2_serv	BOBJ1	65	163.8233	After	Right Exterior Girder	51.1133	0.95	1	1	3.961226
Annual Perm 2_serv	BOBJ1	66	164.71	Before	Left Exterior Girder	52	0.95	1	1	3.745312
Annual Perm 2_serv	BOBJ1	66	164.71	Before	Right Exterior Girder	52	0.95	1	1	3.745312
Annual Perm 2_serv	BOBJ1	67	164.71	After	Left Exterior Girder	52	0.95	1	1	5.65421
Annual Perm 2_serv	BOBJ1	67	164.71	After	Right Exterior Girder	52	0.95	1	1	5.65421
Annual Perm 2_serv	BOBJ1	68	170.21	Before	Left Exterior Girder	57.5	0.95	1	1	3.468559
Annual Perm 2_serv	BOBJ1	68	170.21	Before	Interior Girder 1	57.5	0.95	1	1	1.977871
Annual Perm 2_serv	BOBJ1	68	170.21	Before	Interior Girder 2	57.5	0.95	1	1	2.04512
Annual Perm 2_serv	BOBJ1	68	170.21	Before	Interior Girder 3	57.5	0.95	1	1	1.605429
Annual Perm 2_serv	BOBJ1	68	170.21	Before	Interior Girder 4	57.5	0.95	1	1	1.605429
Annual Perm 2_serv	BOBJ1	68	170.21	Before	Interior Girder 5	57.5	0.95	1	1	2.04512
Annual Perm 2_serv	BOBJ1	68	170.21	Before	Interior Girder 6	57.5	0.95	1	1	1.977871
Annual Perm 2_serv	BOBJ1	68	170.21	Before	Right Exterior Girder	57.5	0.95	1	1	3.468559
Annual Perm 2_serv	BOBJ1	69	170.21	After	Left Exterior Girder	0	0.95	1	1	3.484176
Annual Perm 2_serv	BOBJ1	69	170.21	After	Interior Girder 1	0	0.95	1	1	1.981161
Annual Perm 2_serv	BOBJ1	69	170.21	After	Interior Girder 2	0	0.95	1	1	2.033564
Annual Perm 2_serv	BOBJ1	69	170.21	After	Interior Girder 3	0	0.95	1	1	1.594104
Annual Perm 2_serv	BOBJ1	69	170.21	After	Interior Girder 4	0	0.95	1	1	1.594104
Annual Perm 2_serv	BOBJ1	69	170.21	After	Interior Girder 5	0	0.95	1	1	2.033564
Annual Perm 2_serv	BOBJ1	69	170.21	After	Interior Girder 6	0	0.95	1	1	1.981161
Annual Perm 2_serv	BOBJ1	69	170.21	After	Right Exterior Girder	0	0.95	1	1	3.484176
Annual Perm 2_serv	BOBJ1	70	176.21	Before	Left Exterior Girder	6	0.95	1	1	6.753565
Annual Perm 2_serv	BOBJ1	70	176.21	Before	Right Exterior Girder	6	0.95	1	1	6.753565
Annual Perm 2_serv	BOBJ1	71	176.21	After	Left Exterior Girder	6	0.95	1	1	4.54383
Annual Perm 2_serv	BOBJ1	71	176.21	After	Right Exterior Girder	6	0.95	1	1	4.54383
Annual Perm 2_serv	BOBJ1	72	176.6	Before	Left Exterior Girder	6.39	0.95	1	1	4.658351
Annual Perm 2_serv	BOBJ1	72	176.6	Before	Interior Girder 1	6.39	0.95	1	1	4.440976
Annual Perm 2_serv	BOBJ1	72	176.6	Before	Interior Girder 2	6.39	0.95	1	1	4.829433
Annual Perm 2_serv	BOBJ1	72	176.6	Before	Interior Girder 3	6.39	0.95	1	1	4.388054

TABLE: Bridge Super Rating AASHTORATE18 31 - SteelICompServ-Flx - Approach, Span 16-19										
Request	BridgeObj	BridgeCut	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	Unitless	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Annual Perm 2_serv	BOBJ1	72	176.6	Before	Interior Girder 4	6.39	0.95	1	1	4.388054
Annual Perm 2_serv	BOBJ1	72	176.6	Before	Interior Girder 5	6.39	0.95	1	1	4.829433
Annual Perm 2_serv	BOBJ1	72	176.6	Before	Interior Girder 6	6.39	0.95	1	1	4.440976
Annual Perm 2_serv	BOBJ1	72	176.6	Before	Right Exterior Girder	6.39	0.95	1	1	4.658351
Annual Perm 2_serv	BOBJ1	73	176.6	After	Left Exterior Girder	6.39	0.95	1	1	4.545087
Annual Perm 2_serv	BOBJ1	73	176.6	After	Interior Girder 1	6.39	0.95	1	1	4.561509
Annual Perm 2_serv	BOBJ1	73	176.6	After	Interior Girder 2	6.39	0.95	1	1	4.942602
Annual Perm 2_serv	BOBJ1	73	176.6	After	Interior Girder 3	6.39	0.95	1	1	4.511475
Annual Perm 2_serv	BOBJ1	73	176.6	After	Interior Girder 4	6.39	0.95	1	1	4.511475
Annual Perm 2_serv	BOBJ1	73	176.6	After	Interior Girder 5	6.39	0.95	1	1	4.942602
Annual Perm 2_serv	BOBJ1	73	176.6	After	Interior Girder 6	6.39	0.95	1	1	4.561509
Annual Perm 2_serv	BOBJ1	73	176.6	After	Right Exterior Girder	6.39	0.95	1	1	4.545087
Annual Perm 2_serv	BOBJ1	74	182.99	Before	Left Exterior Girder	12.78	0.95	1	1	6.336034
Annual Perm 2_serv	BOBJ1	74	182.99	Before	Interior Girder 1	12.78	0.95	1	1	5.99929
Annual Perm 2_serv	BOBJ1	74	182.99	Before	Interior Girder 2	12.78	0.95	1	1	6.347609
Annual Perm 2_serv	BOBJ1	74	182.99	Before	Interior Girder 3	12.78	0.95	1	1	5.92543
Annual Perm 2_serv	BOBJ1	74	182.99	Before	Interior Girder 4	12.78	0.95	1	1	5.92543
Annual Perm 2_serv	BOBJ1	74	182.99	Before	Interior Girder 5	12.78	0.95	1	1	6.347609
Annual Perm 2_serv	BOBJ1	74	182.99	Before	Interior Girder 6	12.78	0.95	1	1	5.99929
Annual Perm 2_serv	BOBJ1	74	182.99	Before	Right Exterior Girder	12.78	0.95	1	1	6.336034
Annual Perm 2_serv	BOBJ1	75	182.99	After	Left Exterior Girder	12.78	0.95	1	1	6.270674
Annual Perm 2_serv	BOBJ1	75	182.99	After	Interior Girder 1	12.78	0.95	1	1	6.060437
Annual Perm 2_serv	BOBJ1	75	182.99	After	Interior Girder 2	12.78	0.95	1	1	6.468011
Annual Perm 2_serv	BOBJ1	75	182.99	After	Interior Girder 3	12.78	0.95	1	1	6.20694
Annual Perm 2_serv	BOBJ1	75	182.99	After	Interior Girder 4	12.78	0.95	1	1	6.20694
Annual Perm 2_serv	BOBJ1	75	182.99	After	Interior Girder 5	12.78	0.95	1	1	6.468011
Annual Perm 2_serv	BOBJ1	75	182.99	After	Interior Girder 6	12.78	0.95	1	1	6.060437
Annual Perm 2_serv	BOBJ1	75	182.99	After	Right Exterior Girder	12.78	0.95	1	1	6.270674
Annual Perm 2_serv	BOBJ1	76	189.38	Before	Left Exterior Girder	19.17	0.95	1	1	4.325517
Annual Perm 2_serv	BOBJ1	76	189.38	Before	Interior Girder 1	19.17	0.95	1	1	4.18504
Annual Perm 2_serv	BOBJ1	76	189.38	Before	Interior Girder 2	19.17	0.95	1	1	4.353607
Annual Perm 2_serv	BOBJ1	76	189.38	Before	Interior Girder 3	19.17	0.95	1	1	4.186372
Annual Perm 2_serv	BOBJ1	76	189.38	Before	Interior Girder 4	19.17	0.95	1	1	4.186372
Annual Perm 2_serv	BOBJ1	76	189.38	Before	Interior Girder 5	19.17	0.95	1	1	4.353607
Annual Perm 2_serv	BOBJ1	76	189.38	Before	Interior Girder 6	19.17	0.95	1	1	4.18504
Annual Perm 2_serv	BOBJ1	76	189.38	Before	Right Exterior Girder	19.17	0.95	1	1	4.325517
Annual Perm 2_serv	BOBJ1	77	189.38	After	Left Exterior Girder	19.17	0.95	1	1	4.403545
Annual Perm 2_serv	BOBJ1	77	189.38	After	Interior Girder 1	19.17	0.95	1	1	4.13358
Annual Perm 2_serv	BOBJ1	77	189.38	After	Interior Girder 2	19.17	0.95	1	1	4.365067
Annual Perm 2_serv	BOBJ1	77	189.38	After	Interior Girder 3	19.17	0.95	1	1	4.2722
Annual Perm 2_serv	BOBJ1	77	189.38	After	Interior Girder 4	19.17	0.95	1	1	4.2722
Annual Perm 2_serv	BOBJ1	77	189.38	After	Interior Girder 5	19.17	0.95	1	1	4.365067
Annual Perm 2_serv	BOBJ1	77	189.38	After	Interior Girder 6	19.17	0.95	1	1	4.13358
Annual Perm 2_serv	BOBJ1	77	189.38	After	Right Exterior Girder	19.17	0.95	1	1	4.403545
Annual Perm 2_serv	BOBJ1	78	195.77	Before	Left Exterior Girder	25.56	0.95	1	1	3.3297
Annual Perm 2_serv	BOBJ1	78	195.77	Before	Interior Girder 1	25.56	0.95	1	1	2.930187
Annual Perm 2_serv	BOBJ1	78	195.77	Before	Interior Girder 2	25.56	0.95	1	1	3.114875
Annual Perm 2_serv	BOBJ1	78	195.77	Before	Interior Girder 3	25.56	0.95	1	1	2.901259
Annual Perm 2_serv	BOBJ1	78	195.77	Before	Interior Girder 4	25.56	0.95	1	1	2.901259
Annual Perm 2_serv	BOBJ1	78	195.77	Before	Interior Girder 5	25.56	0.95	1	1	3.114875
Annual Perm 2_serv	BOBJ1	78	195.77	Before	Interior Girder 6	25.56	0.95	1	1	2.930187
Annual Perm 2_serv	BOBJ1	78	195.77	Before	Right Exterior Girder	25.56	0.95	1	1	3.3297
Annual Perm 2_serv	BOBJ1	79	195.77	After	Left Exterior Girder	25.56	0.95	1	1	3.388521
Annual Perm 2_serv	BOBJ1	79	195.77	After	Interior Girder 1	25.56	0.95	1	1	2.896295
Annual Perm 2_serv	BOBJ1	79	195.77	After	Interior Girder 2	25.56	0.95	1	1	3.100123
Annual Perm 2_serv	BOBJ1	79	195.77	After	Interior Girder 3	25.56	0.95	1	1	2.906658
Annual Perm 2_serv	BOBJ1	79	195.77	After	Interior Girder 4	25.56	0.95	1	1	2.906658
Annual Perm 2_serv	BOBJ1	79	195.77	After	Interior Girder 5	25.56	0.95	1	1	3.100123
Annual Perm 2_serv	BOBJ1	79	195.77	After	Interior Girder 6	25.56	0.95	1	1	2.896295
Annual Perm 2_serv	BOBJ1	79	195.77	After	Right Exterior Girder	25.56	0.95	1	1	3.388521
Annual Perm 2_serv	BOBJ1	80	202.16	Before	Left Exterior Girder	31.95	0.95	1	1	2.955217
Annual Perm 2_serv	BOBJ1	80	202.16	Before	Interior Girder 1	31.95	0.95	1	1	2.605866
Annual Perm 2_serv	BOBJ1	80	202.16	Before	Interior Girder 2	31.95	0.95	1	1	2.829995
Annual Perm 2_serv	BOBJ1	80	202.16	Before	Interior Girder 3	31.95	0.95	1	1	2.657832
Annual Perm 2_serv	BOBJ1	80	202.16	Before	Interior Girder 4	31.95	0.95	1	1	2.657832
Annual Perm 2_serv	BOBJ1	80	202.16	Before	Interior Girder 5	31.95	0.95	1	1	2.829995
Annual Perm 2_serv	BOBJ1	80	202.16	Before	Interior Girder 6	31.95	0.95	1	1	2.605866
Annual Perm 2_serv	BOBJ1	80	202.16	Before	Right Exterior Girder	31.95	0.95	1	1	2.955217
Annual Perm 2_serv	BOBJ1	81	202.16	After	Left Exterior Girder	31.95	0.95	1	1	2.928997
Annual Perm 2_serv	BOBJ1	81	202.16	After	Interior Girder 1	31.95	0.95	1	1	2.618978
Annual Perm 2_serv	BOBJ1	81	202.16	After	Interior Girder 2	31.95	0.95	1	1	2.85137
Annual Perm 2_serv	BOBJ1	81	202.16	After	Interior Girder 3	31.95	0.95	1	1	2.678638
Annual Perm 2_serv	BOBJ1	81	202.16	After	Interior Girder 4	31.95	0.95	1	1	2.678638

TABLE: Bridge Super Rating AASHTORATE18 31 - SteelICompServ-Flx - Approach, Span 16-19										
Request	BridgeObj	BridgeCut	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	Unitless	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Annual Perm 2_serv	BOBJ1	81	202.16	After	Interior Girder 5	31.95	0.95	1	1	2.85137
Annual Perm 2_serv	BOBJ1	81	202.16	After	Interior Girder 6	31.95	0.95	1	1	2.618978
Annual Perm 2_serv	BOBJ1	81	202.16	After	Right Exterior Girder	31.95	0.95	1	1	2.928997
Annual Perm 2_serv	BOBJ1	82	208.55	Before	Left Exterior Girder	38.34	0.95	1	1	2.918962
Annual Perm 2_serv	BOBJ1	82	208.55	Before	Interior Girder 1	38.34	0.95	1	1	2.822204
Annual Perm 2_serv	BOBJ1	82	208.55	Before	Interior Girder 2	38.34	0.95	1	1	3.092241
Annual Perm 2_serv	BOBJ1	82	208.55	Before	Interior Girder 3	38.34	0.95	1	1	3.035714
Annual Perm 2_serv	BOBJ1	82	208.55	Before	Interior Girder 4	38.34	0.95	1	1	3.035714
Annual Perm 2_serv	BOBJ1	82	208.55	Before	Interior Girder 5	38.34	0.95	1	1	3.092241
Annual Perm 2_serv	BOBJ1	82	208.55	Before	Interior Girder 6	38.34	0.95	1	1	2.822204
Annual Perm 2_serv	BOBJ1	82	208.55	Before	Right Exterior Girder	38.34	0.95	1	1	2.918962
Annual Perm 2_serv	BOBJ1	83	208.55	After	Left Exterior Girder	38.34	0.95	1	1	2.88798
Annual Perm 2_serv	BOBJ1	83	208.55	After	Interior Girder 1	38.34	0.95	1	1	2.841965
Annual Perm 2_serv	BOBJ1	83	208.55	After	Interior Girder 2	38.34	0.95	1	1	3.090962
Annual Perm 2_serv	BOBJ1	83	208.55	After	Interior Girder 3	38.34	0.95	1	1	3.015867
Annual Perm 2_serv	BOBJ1	83	208.55	After	Interior Girder 4	38.34	0.95	1	1	3.015867
Annual Perm 2_serv	BOBJ1	83	208.55	After	Interior Girder 5	38.34	0.95	1	1	3.090962
Annual Perm 2_serv	BOBJ1	83	208.55	After	Interior Girder 6	38.34	0.95	1	1	2.841965
Annual Perm 2_serv	BOBJ1	83	208.55	After	Right Exterior Girder	38.34	0.95	1	1	2.88798
Annual Perm 2_serv	BOBJ1	84	215.1233	Before	Left Exterior Girder	44.9133	0.95	1	1	3.943125
Annual Perm 2_serv	BOBJ1	84	215.1233	Before	Interior Girder 1	44.9133	0.95	1	1	3.218237
Annual Perm 2_serv	BOBJ1	84	215.1233	Before	Interior Girder 2	44.9133	0.95	1	1	3.399046
Annual Perm 2_serv	BOBJ1	84	215.1233	Before	Interior Girder 3	44.9133	0.95	1	1	3.129963
Annual Perm 2_serv	BOBJ1	84	215.1233	Before	Interior Girder 4	44.9133	0.95	1	1	3.129963
Annual Perm 2_serv	BOBJ1	84	215.1233	Before	Interior Girder 5	44.9133	0.95	1	1	3.399046
Annual Perm 2_serv	BOBJ1	84	215.1233	Before	Interior Girder 6	44.9133	0.95	1	1	3.218237
Annual Perm 2_serv	BOBJ1	84	215.1233	Before	Right Exterior Girder	44.9133	0.95	1	1	3.943125
Annual Perm 2_serv	BOBJ1	85	215.1233	After	Left Exterior Girder	44.9133	0.95	1	1	3.908444
Annual Perm 2_serv	BOBJ1	85	215.1233	After	Interior Girder 1	44.9133	0.95	1	1	3.231966
Annual Perm 2_serv	BOBJ1	85	215.1233	After	Interior Girder 2	44.9133	0.95	1	1	3.348782
Annual Perm 2_serv	BOBJ1	85	215.1233	After	Interior Girder 3	44.9133	0.95	1	1	3.055124
Annual Perm 2_serv	BOBJ1	85	215.1233	After	Interior Girder 4	44.9133	0.95	1	1	3.055124
Annual Perm 2_serv	BOBJ1	85	215.1233	After	Interior Girder 5	44.9133	0.95	1	1	3.348782
Annual Perm 2_serv	BOBJ1	85	215.1233	After	Interior Girder 6	44.9133	0.95	1	1	3.231966
Annual Perm 2_serv	BOBJ1	85	215.1233	After	Right Exterior Girder	44.9133	0.95	1	1	3.908444
Annual Perm 2_serv	BOBJ1	86	221.6967	Before	Left Exterior Girder	51.4867	0.95	1	1	7.678896
Annual Perm 2_serv	BOBJ1	86	221.6967	Before	Interior Girder 1	51.4867	0.95	1	1	5.332514
Annual Perm 2_serv	BOBJ1	86	221.6967	Before	Interior Girder 2	51.4867	0.95	1	1	5.40676
Annual Perm 2_serv	BOBJ1	86	221.6967	Before	Interior Girder 3	51.4867	0.95	1	1	4.873633
Annual Perm 2_serv	BOBJ1	86	221.6967	Before	Interior Girder 4	51.4867	0.95	1	1	4.873633
Annual Perm 2_serv	BOBJ1	86	221.6967	Before	Interior Girder 5	51.4867	0.95	1	1	5.40676
Annual Perm 2_serv	BOBJ1	86	221.6967	Before	Interior Girder 6	51.4867	0.95	1	1	5.332514
Annual Perm 2_serv	BOBJ1	86	221.6967	Before	Right Exterior Girder	51.4867	0.95	1	1	7.678896
Annual Perm 2_serv	BOBJ1	87	221.6967	After	Left Exterior Girder	51.4867	0.95	1	1	7.543721
Annual Perm 2_serv	BOBJ1	87	221.6967	After	Interior Girder 1	51.4867	0.95	1	1	5.392399
Annual Perm 2_serv	BOBJ1	87	221.6967	After	Interior Girder 2	51.4867	0.95	1	1	5.28127
Annual Perm 2_serv	BOBJ1	87	221.6967	After	Interior Girder 3	51.4867	0.95	1	1	4.666019
Annual Perm 2_serv	BOBJ1	87	221.6967	After	Interior Girder 4	51.4867	0.95	1	1	4.666019
Annual Perm 2_serv	BOBJ1	87	221.6967	After	Interior Girder 5	51.4867	0.95	1	1	5.28127
Annual Perm 2_serv	BOBJ1	87	221.6967	After	Interior Girder 6	51.4867	0.95	1	1	5.392399
Annual Perm 2_serv	BOBJ1	87	221.6967	After	Right Exterior Girder	51.4867	0.95	1	1	7.543721
Annual Perm 2_serv	BOBJ1	88	228.27	Before	Left Exterior Girder	58.06	0.95	1	1	377.29184
Annual Perm 2_serv	BOBJ1	88	228.27	Before	Interior Girder 1	58.06	0.95	1	1	434.038484
Annual Perm 2_serv	BOBJ1	88	228.27	Before	Interior Girder 2	58.06	0.95	1	1	224.305793
Annual Perm 2_serv	BOBJ1	88	228.27	Before	Interior Girder 3	58.06	0.95	1	1	157.882574
Annual Perm 2_serv	BOBJ1	88	228.27	Before	Interior Girder 4	58.06	0.95	1	1	157.882573
Annual Perm 2_serv	BOBJ1	88	228.27	Before	Interior Girder 5	58.06	0.95	1	1	224.305793
Annual Perm 2_serv	BOBJ1	88	228.27	Before	Interior Girder 6	58.06	0.95	1	1	434.038483
Annual Perm 2_serv	BOBJ1	88	228.27	Before	Right Exterior Girder	58.06	0.95	1	1	377.29184
Overweight Permit_serv	BOBJ1	1	0	After	Left Exterior Girder	0	0.95	1	1	596.854493
Overweight Permit_serv	BOBJ1	1	0	After	Interior Girder 1	0	0.95	1	1	368.704446
Overweight Permit_serv	BOBJ1	1	0	After	Interior Girder 2	0	0.95	1	1	274.430047
Overweight Permit_serv	BOBJ1	1	0	After	Interior Girder 3	0	0.95	1	1	227.277707
Overweight Permit_serv	BOBJ1	1	0	After	Interior Girder 4	0	0.95	1	1	227.277708
Overweight Permit_serv	BOBJ1	1	0	After	Interior Girder 5	0	0.95	1	1	274.43005
Overweight Permit_serv	BOBJ1	1	0	After	Interior Girder 6	0	0.95	1	1	368.704446
Overweight Permit_serv	BOBJ1	1	0	After	Right Exterior Girder	0	0.95	1	1	596.854493
Overweight Permit_serv	BOBJ1	2	5.3833	Before	Left Exterior Girder	5.3833	0.95	1	1	8.153844
Overweight Permit_serv	BOBJ1	2	5.3833	Before	Interior Girder 1	5.3833	0.95	1	1	6.826488
Overweight Permit_serv	BOBJ1	2	5.3833	Before	Interior Girder 2	5.3833	0.95	1	1	6.720004
Overweight Permit_serv	BOBJ1	2	5.3833	Before	Interior Girder 3	5.3833	0.95	1	1	5.966388
Overweight Permit_serv	BOBJ1	2	5.3833	Before	Interior Girder 4	5.3833	0.95	1	1	5.966388
Overweight Permit_serv	BOBJ1	2	5.3833	Before	Interior Girder 5	5.3833	0.95	1	1	6.720004

TABLE: Bridge Super Rating AASHTORATE18 31 - SteelICompServ-Flx - Approach, Span 16-19										
Request	BridgeObj	BridgeCut	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	Unitless	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Overweight Permit_serv	BOBJ1	2	5.3833	Before	Interior Girder 6	5.3833	0.95	1	1	6.826488
Overweight Permit_serv	BOBJ1	2	5.3833	Before	Right Exterior Girder	5.3833	0.95	1	1	8.153844
Overweight Permit_serv	BOBJ1	3	5.3833	After	Left Exterior Girder	5.3833	0.95	1	1	8.302538
Overweight Permit_serv	BOBJ1	3	5.3833	After	Interior Girder 1	5.3833	0.95	1	1	6.831739
Overweight Permit_serv	BOBJ1	3	5.3833	After	Interior Girder 2	5.3833	0.95	1	1	6.916793
Overweight Permit_serv	BOBJ1	3	5.3833	After	Interior Girder 3	5.3833	0.95	1	1	6.184915
Overweight Permit_serv	BOBJ1	3	5.3833	After	Interior Girder 4	5.3833	0.95	1	1	6.184915
Overweight Permit_serv	BOBJ1	3	5.3833	After	Interior Girder 5	5.3833	0.95	1	1	6.916793
Overweight Permit_serv	BOBJ1	3	5.3833	After	Interior Girder 6	5.3833	0.95	1	1	6.831739
Overweight Permit_serv	BOBJ1	3	5.3833	After	Right Exterior Girder	5.3833	0.95	1	1	8.302538
Overweight Permit_serv	BOBJ1	4	10.7667	Before	Left Exterior Girder	10.7667	0.95	1	1	4.531115
Overweight Permit_serv	BOBJ1	4	10.7667	Before	Interior Girder 1	10.7667	0.95	1	1	4.316174
Overweight Permit_serv	BOBJ1	4	10.7667	Before	Interior Girder 2	10.7667	0.95	1	1	4.469781
Overweight Permit_serv	BOBJ1	4	10.7667	Before	Interior Girder 3	10.7667	0.95	1	1	4.076242
Overweight Permit_serv	BOBJ1	4	10.7667	Before	Interior Girder 4	10.7667	0.95	1	1	4.076242
Overweight Permit_serv	BOBJ1	4	10.7667	Before	Interior Girder 5	10.7667	0.95	1	1	4.469781
Overweight Permit_serv	BOBJ1	4	10.7667	Before	Interior Girder 6	10.7667	0.95	1	1	4.316174
Overweight Permit_serv	BOBJ1	4	10.7667	Before	Right Exterior Girder	10.7667	0.95	1	1	4.531115
Overweight Permit_serv	BOBJ1	5	10.7667	After	Left Exterior Girder	10.7667	0.95	1	1	4.601609
Overweight Permit_serv	BOBJ1	5	10.7667	After	Interior Girder 1	10.7667	0.95	1	1	4.32036
Overweight Permit_serv	BOBJ1	5	10.7667	After	Interior Girder 2	10.7667	0.95	1	1	4.560974
Overweight Permit_serv	BOBJ1	5	10.7667	After	Interior Girder 3	10.7667	0.95	1	1	4.17128
Overweight Permit_serv	BOBJ1	5	10.7667	After	Interior Girder 4	10.7667	0.95	1	1	4.17128
Overweight Permit_serv	BOBJ1	5	10.7667	After	Interior Girder 5	10.7667	0.95	1	1	4.560974
Overweight Permit_serv	BOBJ1	5	10.7667	After	Interior Girder 6	10.7667	0.95	1	1	4.32036
Overweight Permit_serv	BOBJ1	5	10.7667	After	Right Exterior Girder	10.7667	0.95	1	1	4.601609
Overweight Permit_serv	BOBJ1	6	16.15	Before	Left Exterior Girder	16.15	0.95	1	1	3.650823
Overweight Permit_serv	BOBJ1	6	16.15	Before	Interior Girder 1	16.15	0.95	1	1	4.042111
Overweight Permit_serv	BOBJ1	6	16.15	Before	Interior Girder 2	16.15	0.95	1	1	4.224451
Overweight Permit_serv	BOBJ1	6	16.15	Before	Interior Girder 3	16.15	0.95	1	1	4.081022
Overweight Permit_serv	BOBJ1	6	16.15	Before	Interior Girder 4	16.15	0.95	1	1	4.081022
Overweight Permit_serv	BOBJ1	6	16.15	Before	Interior Girder 5	16.15	0.95	1	1	4.224451
Overweight Permit_serv	BOBJ1	6	16.15	Before	Interior Girder 6	16.15	0.95	1	1	4.042111
Overweight Permit_serv	BOBJ1	6	16.15	Before	Right Exterior Girder	16.15	0.95	1	1	3.650823
Overweight Permit_serv	BOBJ1	7	16.15	After	Left Exterior Girder	16.15	0.95	1	1	3.685596
Overweight Permit_serv	BOBJ1	7	16.15	After	Interior Girder 1	16.15	0.95	1	1	4.02533
Overweight Permit_serv	BOBJ1	7	16.15	After	Interior Girder 2	16.15	0.95	1	1	4.239558
Overweight Permit_serv	BOBJ1	7	16.15	After	Interior Girder 3	16.15	0.95	1	1	4.095473
Overweight Permit_serv	BOBJ1	7	16.15	After	Interior Girder 4	16.15	0.95	1	1	4.095473
Overweight Permit_serv	BOBJ1	7	16.15	After	Interior Girder 5	16.15	0.95	1	1	4.239558
Overweight Permit_serv	BOBJ1	7	16.15	After	Interior Girder 6	16.15	0.95	1	1	4.02533
Overweight Permit_serv	BOBJ1	7	16.15	After	Right Exterior Girder	16.15	0.95	1	1	3.685596
Overweight Permit_serv	BOBJ1	8	22.1267	Before	Left Exterior Girder	22.1267	0.95	1	1	3.999708
Overweight Permit_serv	BOBJ1	8	22.1267	Before	Interior Girder 1	22.1267	0.95	1	1	3.882318
Overweight Permit_serv	BOBJ1	8	22.1267	Before	Interior Girder 2	22.1267	0.95	1	1	4.072513
Overweight Permit_serv	BOBJ1	8	22.1267	Before	Interior Girder 3	22.1267	0.95	1	1	3.809596
Overweight Permit_serv	BOBJ1	8	22.1267	Before	Interior Girder 4	22.1267	0.95	1	1	3.809596
Overweight Permit_serv	BOBJ1	8	22.1267	Before	Interior Girder 5	22.1267	0.95	1	1	4.072513
Overweight Permit_serv	BOBJ1	8	22.1267	Before	Interior Girder 6	22.1267	0.95	1	1	3.882318
Overweight Permit_serv	BOBJ1	8	22.1267	Before	Right Exterior Girder	22.1267	0.95	1	1	3.999708
Overweight Permit_serv	BOBJ1	9	22.1267	After	Left Exterior Girder	22.1267	0.95	1	1	3.997419
Overweight Permit_serv	BOBJ1	9	22.1267	After	Interior Girder 1	22.1267	0.95	1	1	3.865349
Overweight Permit_serv	BOBJ1	9	22.1267	After	Interior Girder 2	22.1267	0.95	1	1	4.049585
Overweight Permit_serv	BOBJ1	9	22.1267	After	Interior Girder 3	22.1267	0.95	1	1	3.778418
Overweight Permit_serv	BOBJ1	9	22.1267	After	Interior Girder 4	22.1267	0.95	1	1	3.778418
Overweight Permit_serv	BOBJ1	9	22.1267	After	Interior Girder 5	22.1267	0.95	1	1	4.049585
Overweight Permit_serv	BOBJ1	9	22.1267	After	Interior Girder 6	22.1267	0.95	1	1	3.865349
Overweight Permit_serv	BOBJ1	9	22.1267	After	Right Exterior Girder	22.1267	0.95	1	1	3.997419
Overweight Permit_serv	BOBJ1	10	28.1033	Before	Left Exterior Girder	28.1033	0.95	1	1	4.938575
Overweight Permit_serv	BOBJ1	10	28.1033	Before	Interior Girder 1	28.1033	0.95	1	1	4.489563
Overweight Permit_serv	BOBJ1	10	28.1033	Before	Interior Girder 2	28.1033	0.95	1	1	4.716969
Overweight Permit_serv	BOBJ1	10	28.1033	Before	Interior Girder 3	28.1033	0.95	1	1	4.380212
Overweight Permit_serv	BOBJ1	10	28.1033	Before	Interior Girder 4	28.1033	0.95	1	1	4.380212
Overweight Permit_serv	BOBJ1	10	28.1033	Before	Interior Girder 5	28.1033	0.95	1	1	4.716969
Overweight Permit_serv	BOBJ1	10	28.1033	Before	Interior Girder 6	28.1033	0.95	1	1	4.489563
Overweight Permit_serv	BOBJ1	10	28.1033	Before	Right Exterior Girder	28.1033	0.95	1	1	4.938575
Overweight Permit_serv	BOBJ1	11	28.1033	After	Left Exterior Girder	28.1033	0.95	1	1	4.850904
Overweight Permit_serv	BOBJ1	11	28.1033	After	Interior Girder 1	28.1033	0.95	1	1	4.526396
Overweight Permit_serv	BOBJ1	11	28.1033	After	Interior Girder 2	28.1033	0.95	1	1	4.707581
Overweight Permit_serv	BOBJ1	11	28.1033	After	Interior Girder 3	28.1033	0.95	1	1	4.338617
Overweight Permit_serv	BOBJ1	11	28.1033	After	Interior Girder 4	28.1033	0.95	1	1	4.338617
Overweight Permit_serv	BOBJ1	11	28.1033	After	Interior Girder 5	28.1033	0.95	1	1	4.707581
Overweight Permit_serv	BOBJ1	11	28.1033	After	Interior Girder 6	28.1033	0.95	1	1	4.526396

TABLE: Bridge Super Rating AASHTORATE18 31 - SteelICompServ-Flx - Approach, Span 16-19										
Request	BridgeObj	BridgeCut	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	Unitless	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Overweight Permit_serv	BOBJ1	11	28.1033	After	Right Exterior Girder	28.1033	0.95	1	1	4.850904
Overweight Permit_serv	BOBJ1	12	34.08	Before	Left Exterior Girder	34.08	0.95	1	1	3.710132
Overweight Permit_serv	BOBJ1	12	34.08	Before	Interior Girder 1	34.08	0.95	1	1	4.240178
Overweight Permit_serv	BOBJ1	12	34.08	Before	Interior Girder 2	34.08	0.95	1	1	5.010917
Overweight Permit_serv	BOBJ1	12	34.08	Before	Interior Girder 3	34.08	0.95	1	1	5.376512
Overweight Permit_serv	BOBJ1	12	34.08	Before	Interior Girder 4	34.08	0.95	1	1	5.376512
Overweight Permit_serv	BOBJ1	12	34.08	Before	Interior Girder 5	34.08	0.95	1	1	5.010917
Overweight Permit_serv	BOBJ1	12	34.08	Before	Interior Girder 6	34.08	0.95	1	1	4.240178
Overweight Permit_serv	BOBJ1	12	34.08	Before	Right Exterior Girder	34.08	0.95	1	1	3.710132
Overweight Permit_serv	BOBJ1	13	34.08	After	Left Exterior Girder	34.08	0.95	1	1	3.744321
Overweight Permit_serv	BOBJ1	13	34.08	After	Interior Girder 1	34.08	0.95	1	1	4.192494
Overweight Permit_serv	BOBJ1	13	34.08	After	Interior Girder 2	34.08	0.95	1	1	4.993224
Overweight Permit_serv	BOBJ1	13	34.08	After	Interior Girder 3	34.08	0.95	1	1	5.393166
Overweight Permit_serv	BOBJ1	13	34.08	After	Interior Girder 4	34.08	0.95	1	1	5.393166
Overweight Permit_serv	BOBJ1	13	34.08	After	Interior Girder 5	34.08	0.95	1	1	4.993224
Overweight Permit_serv	BOBJ1	13	34.08	After	Interior Girder 6	34.08	0.95	1	1	4.192494
Overweight Permit_serv	BOBJ1	13	34.08	After	Right Exterior Girder	34.08	0.95	1	1	3.744321
Overweight Permit_serv	BOBJ1	14	39.855	Before	Left Exterior Girder	39.855	0.95	1	1	2.282266
Overweight Permit_serv	BOBJ1	14	39.855	Before	Interior Girder 1	39.855	0.95	1	1	2.888324
Overweight Permit_serv	BOBJ1	14	39.855	Before	Interior Girder 2	39.855	0.95	1	1	3.372894
Overweight Permit_serv	BOBJ1	14	39.855	Before	Interior Girder 3	39.855	0.95	1	1	3.274285
Overweight Permit_serv	BOBJ1	14	39.855	Before	Interior Girder 4	39.855	0.95	1	1	3.274285
Overweight Permit_serv	BOBJ1	14	39.855	Before	Interior Girder 5	39.855	0.95	1	1	3.372894
Overweight Permit_serv	BOBJ1	14	39.855	Before	Interior Girder 6	39.855	0.95	1	1	2.888324
Overweight Permit_serv	BOBJ1	14	39.855	Before	Right Exterior Girder	39.855	0.95	1	1	2.282266
Overweight Permit_serv	BOBJ1	15	39.855	After	Left Exterior Girder	39.855	0.95	1	1	2.328143
Overweight Permit_serv	BOBJ1	15	39.855	After	Interior Girder 1	39.855	0.95	1	1	2.84375
Overweight Permit_serv	BOBJ1	15	39.855	After	Interior Girder 2	39.855	0.95	1	1	3.369862
Overweight Permit_serv	BOBJ1	15	39.855	After	Interior Girder 3	39.855	0.95	1	1	3.280178
Overweight Permit_serv	BOBJ1	15	39.855	After	Interior Girder 4	39.855	0.95	1	1	3.280178
Overweight Permit_serv	BOBJ1	15	39.855	After	Interior Girder 5	39.855	0.95	1	1	3.369862
Overweight Permit_serv	BOBJ1	15	39.855	After	Interior Girder 6	39.855	0.95	1	1	2.84375
Overweight Permit_serv	BOBJ1	15	39.855	After	Right Exterior Girder	39.855	0.95	1	1	2.328143
Overweight Permit_serv	BOBJ1	16	40.0288	Before	Left Exterior Girder	40.0288	0.95	1	1	2.264209
Overweight Permit_serv	BOBJ1	16	40.0288	Before	Right Exterior Girder	40.0288	0.95	1	1	2.264209
Overweight Permit_serv	BOBJ1	17	40.0288	After	Left Exterior Girder	40.0288	0.95	1	1	3.261371
Overweight Permit_serv	BOBJ1	17	40.0288	After	Right Exterior Girder	40.0288	0.95	1	1	3.261371
Overweight Permit_serv	BOBJ1	18	45.63	Before	Left Exterior Girder	45.63	0.95	1	1	1.807234
Overweight Permit_serv	BOBJ1	18	45.63	Before	Interior Girder 1	45.63	0.95	1	1	1.743216
Overweight Permit_serv	BOBJ1	18	45.63	Before	Interior Girder 2	45.63	0.95	1	1	2.048429
Overweight Permit_serv	BOBJ1	18	45.63	Before	Interior Girder 3	45.63	0.95	1	1	1.760115
Overweight Permit_serv	BOBJ1	18	45.63	Before	Interior Girder 4	45.63	0.95	1	1	1.760115
Overweight Permit_serv	BOBJ1	18	45.63	Before	Interior Girder 5	45.63	0.95	1	1	2.048429
Overweight Permit_serv	BOBJ1	18	45.63	Before	Interior Girder 6	45.63	0.95	1	1	1.743216
Overweight Permit_serv	BOBJ1	18	45.63	Before	Right Exterior Girder	45.63	0.95	1	1	1.807234
Overweight Permit_serv	BOBJ1	19	45.63	After	Left Exterior Girder	0	0.95	1	1	1.745453
Overweight Permit_serv	BOBJ1	19	45.63	After	Interior Girder 1	0	0.95	1	1	1.725488
Overweight Permit_serv	BOBJ1	19	45.63	After	Interior Girder 2	0	0.95	1	1	2.007241
Overweight Permit_serv	BOBJ1	19	45.63	After	Interior Girder 3	0	0.95	1	1	1.678794
Overweight Permit_serv	BOBJ1	19	45.63	After	Interior Girder 4	0	0.95	1	1	1.678794
Overweight Permit_serv	BOBJ1	19	45.63	After	Interior Girder 5	0	0.95	1	1	2.007241
Overweight Permit_serv	BOBJ1	19	45.63	After	Interior Girder 6	0	0.95	1	1	1.725488
Overweight Permit_serv	BOBJ1	19	45.63	After	Right Exterior Girder	0	0.95	1	1	1.745453
Overweight Permit_serv	BOBJ1	20	50.6298	Before	Left Exterior Girder	4.9998	0.95	1	1	3.308828
Overweight Permit_serv	BOBJ1	20	50.6298	Before	Right Exterior Girder	4.9998	0.95	1	1	3.308828
Overweight Permit_serv	BOBJ1	21	50.6298	After	Left Exterior Girder	4.9998	0.95	1	1	2.225843
Overweight Permit_serv	BOBJ1	21	50.6298	After	Right Exterior Girder	4.9998	0.95	1	1	2.225843
Overweight Permit_serv	BOBJ1	22	51.4	Before	Left Exterior Girder	5.77	0.95	1	1	2.590012
Overweight Permit_serv	BOBJ1	22	51.4	Before	Interior Girder 1	5.77	0.95	1	1	3.304553
Overweight Permit_serv	BOBJ1	22	51.4	Before	Interior Girder 2	5.77	0.95	1	1	3.975725
Overweight Permit_serv	BOBJ1	22	51.4	Before	Interior Girder 3	5.77	0.95	1	1	3.690903
Overweight Permit_serv	BOBJ1	22	51.4	Before	Interior Girder 4	5.77	0.95	1	1	3.690903
Overweight Permit_serv	BOBJ1	22	51.4	Before	Interior Girder 5	5.77	0.95	1	1	3.975725
Overweight Permit_serv	BOBJ1	22	51.4	Before	Interior Girder 6	5.77	0.95	1	1	3.304553
Overweight Permit_serv	BOBJ1	22	51.4	Before	Right Exterior Girder	5.77	0.95	1	1	2.590012
Overweight Permit_serv	BOBJ1	23	51.4	After	Left Exterior Girder	5.77	0.95	1	1	2.500301
Overweight Permit_serv	BOBJ1	23	51.4	After	Interior Girder 1	5.77	0.95	1	1	3.408615
Overweight Permit_serv	BOBJ1	23	51.4	After	Interior Girder 2	5.77	0.95	1	1	3.992345
Overweight Permit_serv	BOBJ1	23	51.4	After	Interior Girder 3	5.77	0.95	1	1	3.67475
Overweight Permit_serv	BOBJ1	23	51.4	After	Interior Girder 4	5.77	0.95	1	1	3.67475
Overweight Permit_serv	BOBJ1	23	51.4	After	Interior Girder 5	5.77	0.95	1	1	3.992345
Overweight Permit_serv	BOBJ1	23	51.4	After	Interior Girder 6	5.77	0.95	1	1	3.408615
Overweight Permit_serv	BOBJ1	23	51.4	After	Right Exterior Girder	5.77	0.95	1	1	2.500301

TABLE: Bridge Super Rating AASHTORATE18 31 - SteelICompServ-Flx - Approach, Span 16-19										
Request	BridgeObj	BridgeCut	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	Unitless	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Overweight Permit_serv	BOBJ1	24	57.17	Before	Left Exterior Girder	11.54	0.95	1	1	6.095674
Overweight Permit_serv	BOBJ1	24	57.17	Before	Interior Girder 1	11.54	0.95	1	1	6.234028
Overweight Permit_serv	BOBJ1	24	57.17	Before	Interior Girder 2	11.54	0.95	1	1	6.86198
Overweight Permit_serv	BOBJ1	24	57.17	Before	Interior Girder 3	11.54	0.95	1	1	7.202821
Overweight Permit_serv	BOBJ1	24	57.17	Before	Interior Girder 4	11.54	0.95	1	1	7.202821
Overweight Permit_serv	BOBJ1	24	57.17	Before	Interior Girder 5	11.54	0.95	1	1	6.86198
Overweight Permit_serv	BOBJ1	24	57.17	Before	Interior Girder 6	11.54	0.95	1	1	6.234028
Overweight Permit_serv	BOBJ1	24	57.17	Before	Right Exterior Girder	11.54	0.95	1	1	6.095674
Overweight Permit_serv	BOBJ1	25	57.17	After	Left Exterior Girder	11.54	0.95	1	1	5.841488
Overweight Permit_serv	BOBJ1	25	57.17	After	Interior Girder 1	11.54	0.95	1	1	6.365012
Overweight Permit_serv	BOBJ1	25	57.17	After	Interior Girder 2	11.54	0.95	1	1	6.897309
Overweight Permit_serv	BOBJ1	25	57.17	After	Interior Girder 3	11.54	0.95	1	1	7.110626
Overweight Permit_serv	BOBJ1	25	57.17	After	Interior Girder 4	11.54	0.95	1	1	7.110626
Overweight Permit_serv	BOBJ1	25	57.17	After	Interior Girder 5	11.54	0.95	1	1	6.897309
Overweight Permit_serv	BOBJ1	25	57.17	After	Interior Girder 6	11.54	0.95	1	1	6.365012
Overweight Permit_serv	BOBJ1	25	57.17	After	Right Exterior Girder	11.54	0.95	1	1	5.841488
Overweight Permit_serv	BOBJ1	26	63.34	Before	Left Exterior Girder	17.71	0.95	1	1	4.688534
Overweight Permit_serv	BOBJ1	26	63.34	Before	Interior Girder 1	17.71	0.95	1	1	4.444345
Overweight Permit_serv	BOBJ1	26	63.34	Before	Interior Girder 2	17.71	0.95	1	1	4.635385
Overweight Permit_serv	BOBJ1	26	63.34	Before	Interior Girder 3	17.71	0.95	1	1	4.275294
Overweight Permit_serv	BOBJ1	26	63.34	Before	Interior Girder 4	17.71	0.95	1	1	4.275294
Overweight Permit_serv	BOBJ1	26	63.34	Before	Interior Girder 5	17.71	0.95	1	1	4.635385
Overweight Permit_serv	BOBJ1	26	63.34	Before	Interior Girder 6	17.71	0.95	1	1	4.444345
Overweight Permit_serv	BOBJ1	26	63.34	Before	Right Exterior Girder	17.71	0.95	1	1	4.688534
Overweight Permit_serv	BOBJ1	27	63.34	After	Left Exterior Girder	17.71	0.95	1	1	4.893569
Overweight Permit_serv	BOBJ1	27	63.34	After	Interior Girder 1	17.71	0.95	1	1	4.363114
Overweight Permit_serv	BOBJ1	27	63.34	After	Interior Girder 2	17.71	0.95	1	1	4.64005
Overweight Permit_serv	BOBJ1	27	63.34	After	Interior Girder 3	17.71	0.95	1	1	4.337314
Overweight Permit_serv	BOBJ1	27	63.34	After	Interior Girder 4	17.71	0.95	1	1	4.337314
Overweight Permit_serv	BOBJ1	27	63.34	After	Interior Girder 5	17.71	0.95	1	1	4.64005
Overweight Permit_serv	BOBJ1	27	63.34	After	Interior Girder 6	17.71	0.95	1	1	4.363114
Overweight Permit_serv	BOBJ1	27	63.34	After	Right Exterior Girder	17.71	0.95	1	1	4.893569
Overweight Permit_serv	BOBJ1	28	69.51	Before	Left Exterior Girder	23.88	0.95	1	1	3.040156
Overweight Permit_serv	BOBJ1	28	69.51	Before	Interior Girder 1	23.88	0.95	1	1	3.106709
Overweight Permit_serv	BOBJ1	28	69.51	Before	Interior Girder 2	23.88	0.95	1	1	3.409994
Overweight Permit_serv	BOBJ1	28	69.51	Before	Interior Girder 3	23.88	0.95	1	1	3.252952
Overweight Permit_serv	BOBJ1	28	69.51	Before	Interior Girder 4	23.88	0.95	1	1	3.252952
Overweight Permit_serv	BOBJ1	28	69.51	Before	Interior Girder 5	23.88	0.95	1	1	3.409994
Overweight Permit_serv	BOBJ1	28	69.51	Before	Interior Girder 6	23.88	0.95	1	1	3.106709
Overweight Permit_serv	BOBJ1	28	69.51	Before	Right Exterior Girder	23.88	0.95	1	1	3.040156
Overweight Permit_serv	BOBJ1	29	69.51	After	Left Exterior Girder	23.88	0.95	1	1	3.113358
Overweight Permit_serv	BOBJ1	29	69.51	After	Interior Girder 1	23.88	0.95	1	1	3.102734
Overweight Permit_serv	BOBJ1	29	69.51	After	Interior Girder 2	23.88	0.95	1	1	3.444289
Overweight Permit_serv	BOBJ1	29	69.51	After	Interior Girder 3	23.88	0.95	1	1	3.301642
Overweight Permit_serv	BOBJ1	29	69.51	After	Interior Girder 4	23.88	0.95	1	1	3.301642
Overweight Permit_serv	BOBJ1	29	69.51	After	Interior Girder 5	23.88	0.95	1	1	3.444289
Overweight Permit_serv	BOBJ1	29	69.51	After	Interior Girder 6	23.88	0.95	1	1	3.102734
Overweight Permit_serv	BOBJ1	29	69.51	After	Right Exterior Girder	23.88	0.95	1	1	3.113358
Overweight Permit_serv	BOBJ1	30	75.68	Before	Left Exterior Girder	30.05	0.95	1	1	2.441628
Overweight Permit_serv	BOBJ1	30	75.68	Before	Interior Girder 1	30.05	0.95	1	1	2.86263
Overweight Permit_serv	BOBJ1	30	75.68	Before	Interior Girder 2	30.05	0.95	1	1	3.226334
Overweight Permit_serv	BOBJ1	30	75.68	Before	Interior Girder 3	30.05	0.95	1	1	3.23358
Overweight Permit_serv	BOBJ1	30	75.68	Before	Interior Girder 4	30.05	0.95	1	1	3.23358
Overweight Permit_serv	BOBJ1	30	75.68	Before	Interior Girder 5	30.05	0.95	1	1	3.226334
Overweight Permit_serv	BOBJ1	30	75.68	Before	Interior Girder 6	30.05	0.95	1	1	2.86263
Overweight Permit_serv	BOBJ1	30	75.68	Before	Right Exterior Girder	30.05	0.95	1	1	2.441628
Overweight Permit_serv	BOBJ1	31	75.68	After	Left Exterior Girder	30.05	0.95	1	1	2.464684
Overweight Permit_serv	BOBJ1	31	75.68	After	Interior Girder 1	30.05	0.95	1	1	2.852296
Overweight Permit_serv	BOBJ1	31	75.68	After	Interior Girder 2	30.05	0.95	1	1	3.211864
Overweight Permit_serv	BOBJ1	31	75.68	After	Interior Girder 3	30.05	0.95	1	1	3.239868
Overweight Permit_serv	BOBJ1	31	75.68	After	Interior Girder 4	30.05	0.95	1	1	3.239868
Overweight Permit_serv	BOBJ1	31	75.68	After	Interior Girder 5	30.05	0.95	1	1	3.211864
Overweight Permit_serv	BOBJ1	31	75.68	After	Interior Girder 6	30.05	0.95	1	1	2.852296
Overweight Permit_serv	BOBJ1	31	75.68	After	Right Exterior Girder	30.05	0.95	1	1	2.464684
Overweight Permit_serv	BOBJ1	32	81.8467	Before	Left Exterior Girder	36.2167	0.95	1	1	2.489371
Overweight Permit_serv	BOBJ1	32	81.8467	Before	Interior Girder 1	36.2167	0.95	1	1	2.638056
Overweight Permit_serv	BOBJ1	32	81.8467	Before	Interior Girder 2	36.2167	0.95	1	1	2.971426
Overweight Permit_serv	BOBJ1	32	81.8467	Before	Interior Girder 3	36.2167	0.95	1	1	2.884236
Overweight Permit_serv	BOBJ1	32	81.8467	Before	Interior Girder 4	36.2167	0.95	1	1	2.884236
Overweight Permit_serv	BOBJ1	32	81.8467	Before	Interior Girder 5	36.2167	0.95	1	1	2.971426
Overweight Permit_serv	BOBJ1	32	81.8467	Before	Interior Girder 6	36.2167	0.95	1	1	2.638056
Overweight Permit_serv	BOBJ1	32	81.8467	Before	Right Exterior Girder	36.2167	0.95	1	1	2.489371
Overweight Permit_serv	BOBJ1	33	81.8467	After	Left Exterior Girder	36.2167	0.95	1	1	2.474538

TABLE: Bridge Super Rating AASHTORATE18 31 - SteelICompServ-Flx - Approach, Span 16-19										
Request	BridgeObj	BridgeCut	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	Unitless	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Overweight Permit_serv	BOBJ1	33	81.8467	After	Interior Girder 1	36.2167	0.95	1	1	2.625842
Overweight Permit_serv	BOBJ1	33	81.8467	After	Interior Girder 2	36.2167	0.95	1	1	2.945874
Overweight Permit_serv	BOBJ1	33	81.8467	After	Interior Girder 3	36.2167	0.95	1	1	2.857606
Overweight Permit_serv	BOBJ1	33	81.8467	After	Interior Girder 4	36.2167	0.95	1	1	2.857606
Overweight Permit_serv	BOBJ1	33	81.8467	After	Interior Girder 5	36.2167	0.95	1	1	2.945874
Overweight Permit_serv	BOBJ1	33	81.8467	After	Interior Girder 6	36.2167	0.95	1	1	2.625842
Overweight Permit_serv	BOBJ1	33	81.8467	After	Right Exterior Girder	36.2167	0.95	1	1	2.474538
Overweight Permit_serv	BOBJ1	34	88.0133	Before	Left Exterior Girder	42.3833	0.95	1	1	2.945353
Overweight Permit_serv	BOBJ1	34	88.0133	Before	Interior Girder 1	42.3833	0.95	1	1	2.951019
Overweight Permit_serv	BOBJ1	34	88.0133	Before	Interior Girder 2	42.3833	0.95	1	1	3.288196
Overweight Permit_serv	BOBJ1	34	88.0133	Before	Interior Girder 3	42.3833	0.95	1	1	3.162844
Overweight Permit_serv	BOBJ1	34	88.0133	Before	Interior Girder 4	42.3833	0.95	1	1	3.162844
Overweight Permit_serv	BOBJ1	34	88.0133	Before	Interior Girder 5	42.3833	0.95	1	1	3.288196
Overweight Permit_serv	BOBJ1	34	88.0133	Before	Interior Girder 6	42.3833	0.95	1	1	2.951019
Overweight Permit_serv	BOBJ1	34	88.0133	Before	Right Exterior Girder	42.3833	0.95	1	1	2.945353
Overweight Permit_serv	BOBJ1	35	88.0133	After	Left Exterior Girder	42.3833	0.95	1	1	2.877822
Overweight Permit_serv	BOBJ1	35	88.0133	After	Interior Girder 1	42.3833	0.95	1	1	2.989367
Overweight Permit_serv	BOBJ1	35	88.0133	After	Interior Girder 2	42.3833	0.95	1	1	3.30145
Overweight Permit_serv	BOBJ1	35	88.0133	After	Interior Girder 3	42.3833	0.95	1	1	3.152189
Overweight Permit_serv	BOBJ1	35	88.0133	After	Interior Girder 4	42.3833	0.95	1	1	3.152189
Overweight Permit_serv	BOBJ1	35	88.0133	After	Interior Girder 5	42.3833	0.95	1	1	3.30145
Overweight Permit_serv	BOBJ1	35	88.0133	After	Interior Girder 6	42.3833	0.95	1	1	2.989367
Overweight Permit_serv	BOBJ1	35	88.0133	After	Right Exterior Girder	42.3833	0.95	1	1	2.877822
Overweight Permit_serv	BOBJ1	36	94.18	Before	Left Exterior Girder	48.55	0.95	1	1	4.132572
Overweight Permit_serv	BOBJ1	36	94.18	Before	Interior Girder 1	48.55	0.95	1	1	4.473738
Overweight Permit_serv	BOBJ1	36	94.18	Before	Interior Girder 2	48.55	0.95	1	1	4.705333
Overweight Permit_serv	BOBJ1	36	94.18	Before	Interior Girder 3	48.55	0.95	1	1	4.693185
Overweight Permit_serv	BOBJ1	36	94.18	Before	Interior Girder 4	48.55	0.95	1	1	4.693185
Overweight Permit_serv	BOBJ1	36	94.18	Before	Interior Girder 5	48.55	0.95	1	1	4.705333
Overweight Permit_serv	BOBJ1	36	94.18	Before	Interior Girder 6	48.55	0.95	1	1	4.473738
Overweight Permit_serv	BOBJ1	36	94.18	Before	Right Exterior Girder	48.55	0.95	1	1	4.132572
Overweight Permit_serv	BOBJ1	37	94.18	After	Left Exterior Girder	48.55	0.95	1	1	4.000714
Overweight Permit_serv	BOBJ1	37	94.18	After	Interior Girder 1	48.55	0.95	1	1	4.532831
Overweight Permit_serv	BOBJ1	37	94.18	After	Interior Girder 2	48.55	0.95	1	1	4.738862
Overweight Permit_serv	BOBJ1	37	94.18	After	Interior Girder 3	48.55	0.95	1	1	4.62748
Overweight Permit_serv	BOBJ1	37	94.18	After	Interior Girder 4	48.55	0.95	1	1	4.62748
Overweight Permit_serv	BOBJ1	37	94.18	After	Interior Girder 5	48.55	0.95	1	1	4.738862
Overweight Permit_serv	BOBJ1	37	94.18	After	Interior Girder 6	48.55	0.95	1	1	4.532831
Overweight Permit_serv	BOBJ1	37	94.18	After	Right Exterior Girder	48.55	0.95	1	1	4.000714
Overweight Permit_serv	BOBJ1	38	100.3567	Before	Left Exterior Girder	54.7267	0.95	1	1	5.298319
Overweight Permit_serv	BOBJ1	38	100.3567	Before	Interior Girder 1	54.7267	0.95	1	1	5.962237
Overweight Permit_serv	BOBJ1	38	100.3567	Before	Interior Girder 2	54.7267	0.95	1	1	6.51296
Overweight Permit_serv	BOBJ1	38	100.3567	Before	Interior Girder 3	54.7267	0.95	1	1	6.544494
Overweight Permit_serv	BOBJ1	38	100.3567	Before	Interior Girder 4	54.7267	0.95	1	1	6.544494
Overweight Permit_serv	BOBJ1	38	100.3567	Before	Interior Girder 5	54.7267	0.95	1	1	6.51296
Overweight Permit_serv	BOBJ1	38	100.3567	Before	Interior Girder 6	54.7267	0.95	1	1	5.962237
Overweight Permit_serv	BOBJ1	38	100.3567	Before	Right Exterior Girder	54.7267	0.95	1	1	5.298319
Overweight Permit_serv	BOBJ1	39	100.3567	After	Left Exterior Girder	54.7267	0.95	1	1	5.480356
Overweight Permit_serv	BOBJ1	39	100.3567	After	Interior Girder 1	54.7267	0.95	1	1	5.865899
Overweight Permit_serv	BOBJ1	39	100.3567	After	Interior Girder 2	54.7267	0.95	1	1	6.516274
Overweight Permit_serv	BOBJ1	39	100.3567	After	Interior Girder 3	54.7267	0.95	1	1	6.384948
Overweight Permit_serv	BOBJ1	39	100.3567	After	Interior Girder 4	54.7267	0.95	1	1	6.384948
Overweight Permit_serv	BOBJ1	39	100.3567	After	Interior Girder 5	54.7267	0.95	1	1	6.516274
Overweight Permit_serv	BOBJ1	39	100.3567	After	Interior Girder 6	54.7267	0.95	1	1	5.865899
Overweight Permit_serv	BOBJ1	39	100.3567	After	Right Exterior Girder	54.7267	0.95	1	1	5.480356
Overweight Permit_serv	BOBJ1	40	106.5333	Before	Left Exterior Girder	60.9033	0.95	1	1	2.382516
Overweight Permit_serv	BOBJ1	40	106.5333	Before	Interior Girder 1	60.9033	0.95	1	1	3.213842
Overweight Permit_serv	BOBJ1	40	106.5333	Before	Interior Girder 2	60.9033	0.95	1	1	3.727564
Overweight Permit_serv	BOBJ1	40	106.5333	Before	Interior Girder 3	60.9033	0.95	1	1	3.460542
Overweight Permit_serv	BOBJ1	40	106.5333	Before	Interior Girder 4	60.9033	0.95	1	1	3.460542
Overweight Permit_serv	BOBJ1	40	106.5333	Before	Interior Girder 5	60.9033	0.95	1	1	3.727564
Overweight Permit_serv	BOBJ1	40	106.5333	Before	Interior Girder 6	60.9033	0.95	1	1	3.213842
Overweight Permit_serv	BOBJ1	40	106.5333	Before	Right Exterior Girder	60.9033	0.95	1	1	2.382516
Overweight Permit_serv	BOBJ1	41	106.5333	After	Left Exterior Girder	60.9033	0.95	1	1	2.476068
Overweight Permit_serv	BOBJ1	41	106.5333	After	Interior Girder 1	60.9033	0.95	1	1	3.090738
Overweight Permit_serv	BOBJ1	41	106.5333	After	Interior Girder 2	60.9033	0.95	1	1	3.699072
Overweight Permit_serv	BOBJ1	41	106.5333	After	Interior Girder 3	60.9033	0.95	1	1	3.453818
Overweight Permit_serv	BOBJ1	41	106.5333	After	Interior Girder 4	60.9033	0.95	1	1	3.453818
Overweight Permit_serv	BOBJ1	41	106.5333	After	Interior Girder 5	60.9033	0.95	1	1	3.699072
Overweight Permit_serv	BOBJ1	41	106.5333	After	Interior Girder 6	60.9033	0.95	1	1	3.090738
Overweight Permit_serv	BOBJ1	41	106.5333	After	Right Exterior Girder	60.9033	0.95	1	1	2.476068
Overweight Permit_serv	BOBJ1	42	108.2102	Before	Left Exterior Girder	62.5802	0.95	1	1	1.900171
Overweight Permit_serv	BOBJ1	42	108.2102	Before	Right Exterior Girder	62.5802	0.95	1	1	1.900171

TABLE: Bridge Super Rating AASHTORATE18 31 - SteelICompServ-Flx - Approach, Span 16-19										
Request	BridgeObj	BridgeCut	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	Unitless	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Overweight Permit_serv	BOBJ1	43	108.2102	After	Left Exterior Girder	62.5802	0.95	1	1	2.82141
Overweight Permit_serv	BOBJ1	43	108.2102	After	Right Exterior Girder	62.5802	0.95	1	1	2.82141
Overweight Permit_serv	BOBJ1	44	112.71	Before	Left Exterior Girder	67.08	0.95	1	1	1.622086
Overweight Permit_serv	BOBJ1	44	112.71	Before	Interior Girder 1	67.08	0.95	1	1	1.602484
Overweight Permit_serv	BOBJ1	44	112.71	Before	Interior Girder 2	67.08	0.95	1	1	1.88844
Overweight Permit_serv	BOBJ1	44	112.71	Before	Interior Girder 3	67.08	0.95	1	1	1.613646
Overweight Permit_serv	BOBJ1	44	112.71	Before	Interior Girder 4	67.08	0.95	1	1	1.613646
Overweight Permit_serv	BOBJ1	44	112.71	Before	Interior Girder 5	67.08	0.95	1	1	1.88844
Overweight Permit_serv	BOBJ1	44	112.71	Before	Interior Girder 6	67.08	0.95	1	1	1.602484
Overweight Permit_serv	BOBJ1	44	112.71	Before	Right Exterior Girder	67.08	0.95	1	1	1.622086
Overweight Permit_serv	BOBJ1	45	112.71	After	Left Exterior Girder	0	0.95	1	1	1.66447
Overweight Permit_serv	BOBJ1	45	112.71	After	Interior Girder 1	0	0.95	1	1	1.5998
Overweight Permit_serv	BOBJ1	45	112.71	After	Interior Girder 2	0	0.95	1	1	1.90799
Overweight Permit_serv	BOBJ1	45	112.71	After	Interior Girder 3	0	0.95	1	1	1.655532
Overweight Permit_serv	BOBJ1	45	112.71	After	Interior Girder 4	0	0.95	1	1	1.655532
Overweight Permit_serv	BOBJ1	45	112.71	After	Interior Girder 5	0	0.95	1	1	1.90799
Overweight Permit_serv	BOBJ1	45	112.71	After	Interior Girder 6	0	0.95	1	1	1.5998
Overweight Permit_serv	BOBJ1	45	112.71	After	Right Exterior Girder	0	0.95	1	1	1.66447
Overweight Permit_serv	BOBJ1	46	117.21	Before	Left Exterior Girder	4.5	0.95	1	1	2.720245
Overweight Permit_serv	BOBJ1	46	117.21	Before	Right Exterior Girder	4.5	0.95	1	1	2.720245
Overweight Permit_serv	BOBJ1	47	117.21	After	Left Exterior Girder	4.5	0.95	1	1	1.831962
Overweight Permit_serv	BOBJ1	47	117.21	After	Right Exterior Girder	4.5	0.95	1	1	1.831962
Overweight Permit_serv	BOBJ1	48	119.1	Before	Left Exterior Girder	6.39	0.95	1	1	2.374049
Overweight Permit_serv	BOBJ1	48	119.1	Before	Interior Girder 1	6.39	0.95	1	1	2.835567
Overweight Permit_serv	BOBJ1	48	119.1	Before	Interior Girder 2	6.39	0.95	1	1	3.380933
Overweight Permit_serv	BOBJ1	48	119.1	Before	Interior Girder 3	6.39	0.95	1	1	3.26178
Overweight Permit_serv	BOBJ1	48	119.1	Before	Interior Girder 4	6.39	0.95	1	1	3.26178
Overweight Permit_serv	BOBJ1	48	119.1	Before	Interior Girder 5	6.39	0.95	1	1	3.380933
Overweight Permit_serv	BOBJ1	48	119.1	Before	Interior Girder 6	6.39	0.95	1	1	2.835567
Overweight Permit_serv	BOBJ1	48	119.1	Before	Right Exterior Girder	6.39	0.95	1	1	2.374049
Overweight Permit_serv	BOBJ1	49	119.1	After	Left Exterior Girder	6.39	0.95	1	1	2.304491
Overweight Permit_serv	BOBJ1	49	119.1	After	Interior Girder 1	6.39	0.95	1	1	2.919272
Overweight Permit_serv	BOBJ1	49	119.1	After	Interior Girder 2	6.39	0.95	1	1	3.398152
Overweight Permit_serv	BOBJ1	49	119.1	After	Interior Girder 3	6.39	0.95	1	1	3.260877
Overweight Permit_serv	BOBJ1	49	119.1	After	Interior Girder 4	6.39	0.95	1	1	3.260877
Overweight Permit_serv	BOBJ1	49	119.1	After	Interior Girder 5	6.39	0.95	1	1	3.398152
Overweight Permit_serv	BOBJ1	49	119.1	After	Interior Girder 6	6.39	0.95	1	1	2.919272
Overweight Permit_serv	BOBJ1	49	119.1	After	Right Exterior Girder	6.39	0.95	1	1	2.304491
Overweight Permit_serv	BOBJ1	50	125.49	Before	Left Exterior Girder	12.78	0.95	1	1	4.155728
Overweight Permit_serv	BOBJ1	50	125.49	Before	Interior Girder 1	12.78	0.95	1	1	4.569446
Overweight Permit_serv	BOBJ1	50	125.49	Before	Interior Girder 2	12.78	0.95	1	1	5.398735
Overweight Permit_serv	BOBJ1	50	125.49	Before	Interior Girder 3	12.78	0.95	1	1	5.662342
Overweight Permit_serv	BOBJ1	50	125.49	Before	Interior Girder 4	12.78	0.95	1	1	5.662342
Overweight Permit_serv	BOBJ1	50	125.49	Before	Interior Girder 5	12.78	0.95	1	1	5.398735
Overweight Permit_serv	BOBJ1	50	125.49	Before	Interior Girder 6	12.78	0.95	1	1	4.569446
Overweight Permit_serv	BOBJ1	50	125.49	Before	Right Exterior Girder	12.78	0.95	1	1	4.155728
Overweight Permit_serv	BOBJ1	51	125.49	After	Left Exterior Girder	12.78	0.95	1	1	4.120449
Overweight Permit_serv	BOBJ1	51	125.49	After	Interior Girder 1	12.78	0.95	1	1	4.641926
Overweight Permit_serv	BOBJ1	51	125.49	After	Interior Girder 2	12.78	0.95	1	1	5.41969
Overweight Permit_serv	BOBJ1	51	125.49	After	Interior Girder 3	12.78	0.95	1	1	5.634184
Overweight Permit_serv	BOBJ1	51	125.49	After	Interior Girder 4	12.78	0.95	1	1	5.634184
Overweight Permit_serv	BOBJ1	51	125.49	After	Interior Girder 5	12.78	0.95	1	1	5.41969
Overweight Permit_serv	BOBJ1	51	125.49	After	Interior Girder 6	12.78	0.95	1	1	4.641926
Overweight Permit_serv	BOBJ1	51	125.49	After	Right Exterior Girder	12.78	0.95	1	1	4.120449
Overweight Permit_serv	BOBJ1	52	131.88	Before	Left Exterior Girder	19.17	0.95	1	1	4.251339
Overweight Permit_serv	BOBJ1	52	131.88	Before	Interior Girder 1	19.17	0.95	1	1	4.853981
Overweight Permit_serv	BOBJ1	52	131.88	Before	Interior Girder 2	19.17	0.95	1	1	5.038487
Overweight Permit_serv	BOBJ1	52	131.88	Before	Interior Girder 3	19.17	0.95	1	1	4.852527
Overweight Permit_serv	BOBJ1	52	131.88	Before	Interior Girder 4	19.17	0.95	1	1	4.852527
Overweight Permit_serv	BOBJ1	52	131.88	Before	Interior Girder 5	19.17	0.95	1	1	5.038487
Overweight Permit_serv	BOBJ1	52	131.88	Before	Interior Girder 6	19.17	0.95	1	1	4.853981
Overweight Permit_serv	BOBJ1	52	131.88	Before	Right Exterior Girder	19.17	0.95	1	1	4.251339
Overweight Permit_serv	BOBJ1	53	131.88	After	Left Exterior Girder	19.17	0.95	1	1	4.337368
Overweight Permit_serv	BOBJ1	53	131.88	After	Interior Girder 1	19.17	0.95	1	1	4.822713
Overweight Permit_serv	BOBJ1	53	131.88	After	Interior Girder 2	19.17	0.95	1	1	5.055658
Overweight Permit_serv	BOBJ1	53	131.88	After	Interior Girder 3	19.17	0.95	1	1	4.905752
Overweight Permit_serv	BOBJ1	53	131.88	After	Interior Girder 4	19.17	0.95	1	1	4.905752
Overweight Permit_serv	BOBJ1	53	131.88	After	Interior Girder 5	19.17	0.95	1	1	5.055658
Overweight Permit_serv	BOBJ1	53	131.88	After	Interior Girder 6	19.17	0.95	1	1	4.822713
Overweight Permit_serv	BOBJ1	53	131.88	After	Right Exterior Girder	19.17	0.95	1	1	4.337368
Overweight Permit_serv	BOBJ1	54	138.27	Before	Left Exterior Girder	25.56	0.95	1	1	3.662568
Overweight Permit_serv	BOBJ1	54	138.27	Before	Interior Girder 1	25.56	0.95	1	1	3.716763
Overweight Permit_serv	BOBJ1	54	138.27	Before	Interior Girder 2	25.56	0.95	1	1	3.957684

TABLE: Bridge Super Rating AASHTORATE18 31 - SteelICompServ-Flx - Approach, Span 16-19										
Request	BridgeObj	BridgeCut	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	Unitless	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Overweight Permit_serv	BOBJ1	54	138.27	Before	Interior Girder 3	25.56	0.95	1	1	3.699285
Overweight Permit_serv	BOBJ1	54	138.27	Before	Interior Girder 4	25.56	0.95	1	1	3.699285
Overweight Permit_serv	BOBJ1	54	138.27	Before	Interior Girder 5	25.56	0.95	1	1	3.957684
Overweight Permit_serv	BOBJ1	54	138.27	Before	Interior Girder 6	25.56	0.95	1	1	3.716763
Overweight Permit_serv	BOBJ1	54	138.27	Before	Right Exterior Girder	25.56	0.95	1	1	3.662568
Overweight Permit_serv	BOBJ1	55	138.27	After	Left Exterior Girder	25.56	0.95	1	1	3.693881
Overweight Permit_serv	BOBJ1	55	138.27	After	Interior Girder 1	25.56	0.95	1	1	3.689746
Overweight Permit_serv	BOBJ1	55	138.27	After	Interior Girder 2	25.56	0.95	1	1	3.943173
Overweight Permit_serv	BOBJ1	55	138.27	After	Interior Girder 3	25.56	0.95	1	1	3.698931
Overweight Permit_serv	BOBJ1	55	138.27	After	Interior Girder 4	25.56	0.95	1	1	3.698931
Overweight Permit_serv	BOBJ1	55	138.27	After	Interior Girder 5	25.56	0.95	1	1	3.943173
Overweight Permit_serv	BOBJ1	55	138.27	After	Interior Girder 6	25.56	0.95	1	1	3.689746
Overweight Permit_serv	BOBJ1	55	138.27	After	Right Exterior Girder	25.56	0.95	1	1	3.693881
Overweight Permit_serv	BOBJ1	56	144.66	Before	Left Exterior Girder	31.95	0.95	1	1	3.769887
Overweight Permit_serv	BOBJ1	56	144.66	Before	Interior Girder 1	31.95	0.95	1	1	3.726576
Overweight Permit_serv	BOBJ1	56	144.66	Before	Interior Girder 2	31.95	0.95	1	1	3.98132
Overweight Permit_serv	BOBJ1	56	144.66	Before	Interior Girder 3	31.95	0.95	1	1	3.729569
Overweight Permit_serv	BOBJ1	56	144.66	Before	Interior Girder 4	31.95	0.95	1	1	3.729569
Overweight Permit_serv	BOBJ1	56	144.66	Before	Interior Girder 5	31.95	0.95	1	1	3.98132
Overweight Permit_serv	BOBJ1	56	144.66	Before	Interior Girder 6	31.95	0.95	1	1	3.726576
Overweight Permit_serv	BOBJ1	56	144.66	Before	Right Exterior Girder	31.95	0.95	1	1	3.769887
Overweight Permit_serv	BOBJ1	57	144.66	After	Left Exterior Girder	31.95	0.95	1	1	3.722642
Overweight Permit_serv	BOBJ1	57	144.66	After	Interior Girder 1	31.95	0.95	1	1	3.762215
Overweight Permit_serv	BOBJ1	57	144.66	After	Interior Girder 2	31.95	0.95	1	1	3.99327
Overweight Permit_serv	BOBJ1	57	144.66	After	Interior Girder 3	31.95	0.95	1	1	3.723708
Overweight Permit_serv	BOBJ1	57	144.66	After	Interior Girder 4	31.95	0.95	1	1	3.723708
Overweight Permit_serv	BOBJ1	57	144.66	After	Interior Girder 5	31.95	0.95	1	1	3.99327
Overweight Permit_serv	BOBJ1	57	144.66	After	Interior Girder 6	31.95	0.95	1	1	3.762215
Overweight Permit_serv	BOBJ1	57	144.66	After	Right Exterior Girder	31.95	0.95	1	1	3.722642
Overweight Permit_serv	BOBJ1	58	151.05	Before	Left Exterior Girder	38.34	0.95	1	1	4.63396
Overweight Permit_serv	BOBJ1	58	151.05	Before	Interior Girder 1	38.34	0.95	1	1	4.996658
Overweight Permit_serv	BOBJ1	58	151.05	Before	Interior Girder 2	38.34	0.95	1	1	5.201769
Overweight Permit_serv	BOBJ1	58	151.05	Before	Interior Girder 3	38.34	0.95	1	1	5.042915
Overweight Permit_serv	BOBJ1	58	151.05	Before	Interior Girder 4	38.34	0.95	1	1	5.042915
Overweight Permit_serv	BOBJ1	58	151.05	Before	Interior Girder 5	38.34	0.95	1	1	5.201769
Overweight Permit_serv	BOBJ1	58	151.05	Before	Interior Girder 6	38.34	0.95	1	1	4.996658
Overweight Permit_serv	BOBJ1	58	151.05	Before	Right Exterior Girder	38.34	0.95	1	1	4.63396
Overweight Permit_serv	BOBJ1	59	151.05	After	Left Exterior Girder	38.34	0.95	1	1	4.521336
Overweight Permit_serv	BOBJ1	59	151.05	After	Interior Girder 1	38.34	0.95	1	1	5.044751
Overweight Permit_serv	BOBJ1	59	151.05	After	Interior Girder 2	38.34	0.95	1	1	5.193367
Overweight Permit_serv	BOBJ1	59	151.05	After	Interior Girder 3	38.34	0.95	1	1	4.977678
Overweight Permit_serv	BOBJ1	59	151.05	After	Interior Girder 4	38.34	0.95	1	1	4.977678
Overweight Permit_serv	BOBJ1	59	151.05	After	Interior Girder 5	38.34	0.95	1	1	5.193367
Overweight Permit_serv	BOBJ1	59	151.05	After	Interior Girder 6	38.34	0.95	1	1	5.044751
Overweight Permit_serv	BOBJ1	59	151.05	After	Right Exterior Girder	38.34	0.95	1	1	4.521336
Overweight Permit_serv	BOBJ1	60	157.4367	Before	Left Exterior Girder	44.7267	0.95	1	1	4.157422
Overweight Permit_serv	BOBJ1	60	157.4367	Before	Interior Girder 1	44.7267	0.95	1	1	4.846333
Overweight Permit_serv	BOBJ1	60	157.4367	Before	Interior Girder 2	44.7267	0.95	1	1	5.488259
Overweight Permit_serv	BOBJ1	60	157.4367	Before	Interior Girder 3	44.7267	0.95	1	1	5.583338
Overweight Permit_serv	BOBJ1	60	157.4367	Before	Interior Girder 4	44.7267	0.95	1	1	5.583338
Overweight Permit_serv	BOBJ1	60	157.4367	Before	Interior Girder 5	44.7267	0.95	1	1	5.488259
Overweight Permit_serv	BOBJ1	60	157.4367	Before	Interior Girder 6	44.7267	0.95	1	1	4.846333
Overweight Permit_serv	BOBJ1	60	157.4367	Before	Right Exterior Girder	44.7267	0.95	1	1	4.157422
Overweight Permit_serv	BOBJ1	61	157.4367	After	Left Exterior Girder	44.7267	0.95	1	1	4.205561
Overweight Permit_serv	BOBJ1	61	157.4367	After	Interior Girder 1	44.7267	0.95	1	1	4.814908
Overweight Permit_serv	BOBJ1	61	157.4367	After	Interior Girder 2	44.7267	0.95	1	1	5.523676
Overweight Permit_serv	BOBJ1	61	157.4367	After	Interior Girder 3	44.7267	0.95	1	1	5.644753
Overweight Permit_serv	BOBJ1	61	157.4367	After	Interior Girder 4	44.7267	0.95	1	1	5.644753
Overweight Permit_serv	BOBJ1	61	157.4367	After	Interior Girder 5	44.7267	0.95	1	1	5.523676
Overweight Permit_serv	BOBJ1	61	157.4367	After	Interior Girder 6	44.7267	0.95	1	1	4.814908
Overweight Permit_serv	BOBJ1	61	157.4367	After	Right Exterior Girder	44.7267	0.95	1	1	4.205561
Overweight Permit_serv	BOBJ1	62	158.71	Before	Left Exterior Girder	46	0.95	1	1	3.794826
Overweight Permit_serv	BOBJ1	62	158.71	Before	Interior Girder 1	46	0.95	1	1	4.447404
Overweight Permit_serv	BOBJ1	62	158.71	Before	Interior Girder 2	46	0.95	1	1	5.024876
Overweight Permit_serv	BOBJ1	62	158.71	Before	Interior Girder 3	46	0.95	1	1	5.037402
Overweight Permit_serv	BOBJ1	62	158.71	Before	Interior Girder 4	46	0.95	1	1	5.037402
Overweight Permit_serv	BOBJ1	62	158.71	Before	Interior Girder 5	46	0.95	1	1	5.024876
Overweight Permit_serv	BOBJ1	62	158.71	Before	Interior Girder 6	46	0.95	1	1	4.447404
Overweight Permit_serv	BOBJ1	62	158.71	Before	Right Exterior Girder	46	0.95	1	1	3.794826
Overweight Permit_serv	BOBJ1	63	158.71	After	Left Exterior Girder	46	0.95	1	1	5.190471
Overweight Permit_serv	BOBJ1	63	158.71	After	Interior Girder 1	46	0.95	1	1	5.553683
Overweight Permit_serv	BOBJ1	63	158.71	After	Interior Girder 2	46	0.95	1	1	6.302293
Overweight Permit_serv	BOBJ1	63	158.71	After	Interior Girder 3	46	0.95	1	1	6.356488

TABLE: Bridge Super Rating AASHTORATE18 31 - SteelICompServ-Flx - Approach, Span 16-19										
Request	BridgeObj	BridgeCut	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	Unitless	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Overweight Permit_serv	BOBJ1	63	158.71	After	Interior Girder 4	46	0.95	1	1	6.356488
Overweight Permit_serv	BOBJ1	63	158.71	After	Interior Girder 5	46	0.95	1	1	6.302293
Overweight Permit_serv	BOBJ1	63	158.71	After	Interior Girder 6	46	0.95	1	1	5.553683
Overweight Permit_serv	BOBJ1	63	158.71	After	Right Exterior Girder	46	0.95	1	1	5.190471
Overweight Permit_serv	BOBJ1	64	163.8233	Before	Left Exterior Girder	51.1133	0.95	1	1	3.049912
Overweight Permit_serv	BOBJ1	64	163.8233	Before	Interior Girder 1	51.1133	0.95	1	1	3.806053
Overweight Permit_serv	BOBJ1	64	163.8233	Before	Interior Girder 2	51.1133	0.95	1	1	4.324291
Overweight Permit_serv	BOBJ1	64	163.8233	Before	Interior Girder 3	51.1133	0.95	1	1	4.039184
Overweight Permit_serv	BOBJ1	64	163.8233	Before	Interior Girder 4	51.1133	0.95	1	1	4.039184
Overweight Permit_serv	BOBJ1	64	163.8233	Before	Interior Girder 5	51.1133	0.95	1	1	4.324291
Overweight Permit_serv	BOBJ1	64	163.8233	Before	Interior Girder 6	51.1133	0.95	1	1	3.806053
Overweight Permit_serv	BOBJ1	64	163.8233	Before	Right Exterior Girder	51.1133	0.95	1	1	3.049912
Overweight Permit_serv	BOBJ1	65	163.8233	After	Left Exterior Girder	51.1133	0.95	1	1	3.120538
Overweight Permit_serv	BOBJ1	65	163.8233	After	Interior Girder 1	51.1133	0.95	1	1	3.708587
Overweight Permit_serv	BOBJ1	65	163.8233	After	Interior Girder 2	51.1133	0.95	1	1	4.291051
Overweight Permit_serv	BOBJ1	65	163.8233	After	Interior Girder 3	51.1133	0.95	1	1	4.02312
Overweight Permit_serv	BOBJ1	65	163.8233	After	Interior Girder 4	51.1133	0.95	1	1	4.02312
Overweight Permit_serv	BOBJ1	65	163.8233	After	Interior Girder 5	51.1133	0.95	1	1	4.291051
Overweight Permit_serv	BOBJ1	65	163.8233	After	Interior Girder 6	51.1133	0.95	1	1	3.708587
Overweight Permit_serv	BOBJ1	65	163.8233	After	Right Exterior Girder	51.1133	0.95	1	1	3.120538
Overweight Permit_serv	BOBJ1	66	164.71	Before	Left Exterior Girder	52	0.95	1	1	2.784059
Overweight Permit_serv	BOBJ1	66	164.71	Before	Right Exterior Girder	52	0.95	1	1	2.784059
Overweight Permit_serv	BOBJ1	67	164.71	After	Left Exterior Girder	52	0.95	1	1	4.260523
Overweight Permit_serv	BOBJ1	67	164.71	After	Right Exterior Girder	52	0.95	1	1	4.260523
Overweight Permit_serv	BOBJ1	68	170.21	Before	Left Exterior Girder	57.5	0.95	1	1	2.497721
Overweight Permit_serv	BOBJ1	68	170.21	Before	Interior Girder 1	57.5	0.95	1	1	2.141305
Overweight Permit_serv	BOBJ1	68	170.21	Before	Interior Girder 2	57.5	0.95	1	1	2.479821
Overweight Permit_serv	BOBJ1	68	170.21	Before	Interior Girder 3	57.5	0.95	1	1	2.098339
Overweight Permit_serv	BOBJ1	68	170.21	Before	Interior Girder 4	57.5	0.95	1	1	2.098339
Overweight Permit_serv	BOBJ1	68	170.21	Before	Interior Girder 5	57.5	0.95	1	1	2.479821
Overweight Permit_serv	BOBJ1	68	170.21	Before	Interior Girder 6	57.5	0.95	1	1	2.141305
Overweight Permit_serv	BOBJ1	68	170.21	Before	Right Exterior Girder	57.5	0.95	1	1	2.497721
Overweight Permit_serv	BOBJ1	69	170.21	After	Left Exterior Girder	0	0.95	1	1	2.46752
Overweight Permit_serv	BOBJ1	69	170.21	After	Interior Girder 1	0	0.95	1	1	2.170769
Overweight Permit_serv	BOBJ1	69	170.21	After	Interior Girder 2	0	0.95	1	1	2.474387
Overweight Permit_serv	BOBJ1	69	170.21	After	Interior Girder 3	0	0.95	1	1	2.095884
Overweight Permit_serv	BOBJ1	69	170.21	After	Interior Girder 4	0	0.95	1	1	2.095884
Overweight Permit_serv	BOBJ1	69	170.21	After	Interior Girder 5	0	0.95	1	1	2.474387
Overweight Permit_serv	BOBJ1	69	170.21	After	Interior Girder 6	0	0.95	1	1	2.170769
Overweight Permit_serv	BOBJ1	69	170.21	After	Right Exterior Girder	0	0.95	1	1	2.46752
Overweight Permit_serv	BOBJ1	70	176.21	Before	Left Exterior Girder	6	0.95	1	1	4.780059
Overweight Permit_serv	BOBJ1	70	176.21	Before	Right Exterior Girder	6	0.95	1	1	4.780059
Overweight Permit_serv	BOBJ1	71	176.21	After	Left Exterior Girder	6	0.95	1	1	3.172109
Overweight Permit_serv	BOBJ1	71	176.21	After	Right Exterior Girder	6	0.95	1	1	3.172109
Overweight Permit_serv	BOBJ1	72	176.6	Before	Left Exterior Girder	6.39	0.95	1	1	3.38666
Overweight Permit_serv	BOBJ1	72	176.6	Before	Interior Girder 1	6.39	0.95	1	1	4.035568
Overweight Permit_serv	BOBJ1	72	176.6	Before	Interior Girder 2	6.39	0.95	1	1	4.586106
Overweight Permit_serv	BOBJ1	72	176.6	Before	Interior Girder 3	6.39	0.95	1	1	4.273184
Overweight Permit_serv	BOBJ1	72	176.6	Before	Interior Girder 4	6.39	0.95	1	1	4.273184
Overweight Permit_serv	BOBJ1	72	176.6	Before	Interior Girder 5	6.39	0.95	1	1	4.586106
Overweight Permit_serv	BOBJ1	72	176.6	Before	Interior Girder 6	6.39	0.95	1	1	4.035568
Overweight Permit_serv	BOBJ1	72	176.6	Before	Right Exterior Girder	6.39	0.95	1	1	3.38666
Overweight Permit_serv	BOBJ1	73	176.6	After	Left Exterior Girder	6.39	0.95	1	1	3.268477
Overweight Permit_serv	BOBJ1	73	176.6	After	Interior Girder 1	6.39	0.95	1	1	4.165926
Overweight Permit_serv	BOBJ1	73	176.6	After	Interior Girder 2	6.39	0.95	1	1	4.607069
Overweight Permit_serv	BOBJ1	73	176.6	After	Interior Girder 3	6.39	0.95	1	1	4.271519
Overweight Permit_serv	BOBJ1	73	176.6	After	Interior Girder 4	6.39	0.95	1	1	4.271519
Overweight Permit_serv	BOBJ1	73	176.6	After	Interior Girder 5	6.39	0.95	1	1	4.607069
Overweight Permit_serv	BOBJ1	73	176.6	After	Interior Girder 6	6.39	0.95	1	1	4.165926
Overweight Permit_serv	BOBJ1	73	176.6	After	Right Exterior Girder	6.39	0.95	1	1	3.268477
Overweight Permit_serv	BOBJ1	74	182.99	Before	Left Exterior Girder	12.78	0.95	1	1	6.409693
Overweight Permit_serv	BOBJ1	74	182.99	Before	Interior Girder 1	12.78	0.95	1	1	6.862094
Overweight Permit_serv	BOBJ1	74	182.99	Before	Interior Girder 2	12.78	0.95	1	1	7.167847
Overweight Permit_serv	BOBJ1	74	182.99	Before	Interior Girder 3	12.78	0.95	1	1	6.768726
Overweight Permit_serv	BOBJ1	74	182.99	Before	Interior Girder 4	12.78	0.95	1	1	6.768726
Overweight Permit_serv	BOBJ1	74	182.99	Before	Interior Girder 5	12.78	0.95	1	1	7.167847
Overweight Permit_serv	BOBJ1	74	182.99	Before	Interior Girder 6	12.78	0.95	1	1	6.862094
Overweight Permit_serv	BOBJ1	74	182.99	Before	Right Exterior Girder	12.78	0.95	1	1	6.409693
Overweight Permit_serv	BOBJ1	75	182.99	After	Left Exterior Girder	12.78	0.95	1	1	6.352443
Overweight Permit_serv	BOBJ1	75	182.99	After	Interior Girder 1	12.78	0.95	1	1	6.936125
Overweight Permit_serv	BOBJ1	75	182.99	After	Interior Girder 2	12.78	0.95	1	1	7.314739
Overweight Permit_serv	BOBJ1	75	182.99	After	Interior Girder 3	12.78	0.95	1	1	7.056033
Overweight Permit_serv	BOBJ1	75	182.99	After	Interior Girder 4	12.78	0.95	1	1	7.056033

TABLE: Bridge Super Rating AASHTORATE18 31 - SteelICompServ-Flx - Approach, Span 16-19										
Request	BridgeObj	BridgeCut	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	Unitless	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Overweight Permit_serv	BOBJ1	75	182.99	After	Interior Girder 5	12.78	0.95	1	1	7.314739
Overweight Permit_serv	BOBJ1	75	182.99	After	Interior Girder 6	12.78	0.95	1	1	6.936125
Overweight Permit_serv	BOBJ1	75	182.99	After	Right Exterior Girder	12.78	0.95	1	1	6.352443
Overweight Permit_serv	BOBJ1	76	189.38	Before	Left Exterior Girder	19.17	0.95	1	1	4.361905
Overweight Permit_serv	BOBJ1	76	189.38	Before	Interior Girder 1	19.17	0.95	1	1	4.733509
Overweight Permit_serv	BOBJ1	76	189.38	Before	Interior Girder 2	19.17	0.95	1	1	4.975992
Overweight Permit_serv	BOBJ1	76	189.38	Before	Interior Girder 3	19.17	0.95	1	1	4.8356
Overweight Permit_serv	BOBJ1	76	189.38	Before	Interior Girder 4	19.17	0.95	1	1	4.8356
Overweight Permit_serv	BOBJ1	76	189.38	Before	Interior Girder 5	19.17	0.95	1	1	4.975992
Overweight Permit_serv	BOBJ1	76	189.38	Before	Interior Girder 6	19.17	0.95	1	1	4.733509
Overweight Permit_serv	BOBJ1	76	189.38	Before	Right Exterior Girder	19.17	0.95	1	1	4.361905
Overweight Permit_serv	BOBJ1	77	189.38	After	Left Exterior Girder	19.17	0.95	1	1	4.4947
Overweight Permit_serv	BOBJ1	77	189.38	After	Interior Girder 1	19.17	0.95	1	1	4.678132
Overweight Permit_serv	BOBJ1	77	189.38	After	Interior Girder 2	19.17	0.95	1	1	4.970367
Overweight Permit_serv	BOBJ1	77	189.38	After	Interior Girder 3	19.17	0.95	1	1	4.906062
Overweight Permit_serv	BOBJ1	77	189.38	After	Interior Girder 4	19.17	0.95	1	1	4.906062
Overweight Permit_serv	BOBJ1	77	189.38	After	Interior Girder 5	19.17	0.95	1	1	4.970367
Overweight Permit_serv	BOBJ1	77	189.38	After	Interior Girder 6	19.17	0.95	1	1	4.678132
Overweight Permit_serv	BOBJ1	77	189.38	After	Right Exterior Girder	19.17	0.95	1	1	4.4947
Overweight Permit_serv	BOBJ1	78	195.77	Before	Left Exterior Girder	25.56	0.95	1	1	3.271883
Overweight Permit_serv	BOBJ1	78	195.77	Before	Interior Girder 1	25.56	0.95	1	1	3.252391
Overweight Permit_serv	BOBJ1	78	195.77	Before	Interior Girder 2	25.56	0.95	1	1	3.546823
Overweight Permit_serv	BOBJ1	78	195.77	Before	Interior Girder 3	25.56	0.95	1	1	3.385335
Overweight Permit_serv	BOBJ1	78	195.77	Before	Interior Girder 4	25.56	0.95	1	1	3.385335
Overweight Permit_serv	BOBJ1	78	195.77	Before	Interior Girder 5	25.56	0.95	1	1	3.546823
Overweight Permit_serv	BOBJ1	78	195.77	Before	Interior Girder 6	25.56	0.95	1	1	3.252391
Overweight Permit_serv	BOBJ1	78	195.77	Before	Right Exterior Girder	25.56	0.95	1	1	3.271883
Overweight Permit_serv	BOBJ1	79	195.77	After	Left Exterior Girder	25.56	0.95	1	1	3.329326
Overweight Permit_serv	BOBJ1	79	195.77	After	Interior Girder 1	25.56	0.95	1	1	3.215612
Overweight Permit_serv	BOBJ1	79	195.77	After	Interior Girder 2	25.56	0.95	1	1	3.538974
Overweight Permit_serv	BOBJ1	79	195.77	After	Interior Girder 3	25.56	0.95	1	1	3.398097
Overweight Permit_serv	BOBJ1	79	195.77	After	Interior Girder 4	25.56	0.95	1	1	3.398097
Overweight Permit_serv	BOBJ1	79	195.77	After	Interior Girder 5	25.56	0.95	1	1	3.538974
Overweight Permit_serv	BOBJ1	79	195.77	After	Interior Girder 6	25.56	0.95	1	1	3.215612
Overweight Permit_serv	BOBJ1	79	195.77	After	Right Exterior Girder	25.56	0.95	1	1	3.329326
Overweight Permit_serv	BOBJ1	80	202.16	Before	Left Exterior Girder	31.95	0.95	1	1	2.908021
Overweight Permit_serv	BOBJ1	80	202.16	Before	Interior Girder 1	31.95	0.95	1	1	2.914377
Overweight Permit_serv	BOBJ1	80	202.16	Before	Interior Girder 2	31.95	0.95	1	1	3.218139
Overweight Permit_serv	BOBJ1	80	202.16	Before	Interior Girder 3	31.95	0.95	1	1	3.107566
Overweight Permit_serv	BOBJ1	80	202.16	Before	Interior Girder 4	31.95	0.95	1	1	3.107566
Overweight Permit_serv	BOBJ1	80	202.16	Before	Interior Girder 5	31.95	0.95	1	1	3.218139
Overweight Permit_serv	BOBJ1	80	202.16	Before	Interior Girder 6	31.95	0.95	1	1	2.914377
Overweight Permit_serv	BOBJ1	80	202.16	Before	Right Exterior Girder	31.95	0.95	1	1	2.908021
Overweight Permit_serv	BOBJ1	81	202.16	After	Left Exterior Girder	31.95	0.95	1	1	2.901276
Overweight Permit_serv	BOBJ1	81	202.16	After	Interior Girder 1	31.95	0.95	1	1	2.927244
Overweight Permit_serv	BOBJ1	81	202.16	After	Interior Girder 2	31.95	0.95	1	1	3.236523
Overweight Permit_serv	BOBJ1	81	202.16	After	Interior Girder 3	31.95	0.95	1	1	3.127332
Overweight Permit_serv	BOBJ1	81	202.16	After	Interior Girder 4	31.95	0.95	1	1	3.127332
Overweight Permit_serv	BOBJ1	81	202.16	After	Interior Girder 5	31.95	0.95	1	1	3.236523
Overweight Permit_serv	BOBJ1	81	202.16	After	Interior Girder 6	31.95	0.95	1	1	2.927244
Overweight Permit_serv	BOBJ1	81	202.16	After	Right Exterior Girder	31.95	0.95	1	1	2.901276
Overweight Permit_serv	BOBJ1	82	208.55	Before	Left Exterior Girder	38.34	0.95	1	1	2.922599
Overweight Permit_serv	BOBJ1	82	208.55	Before	Interior Girder 1	38.34	0.95	1	1	3.175235
Overweight Permit_serv	BOBJ1	82	208.55	Before	Interior Girder 2	38.34	0.95	1	1	3.527406
Overweight Permit_serv	BOBJ1	82	208.55	Before	Interior Girder 3	38.34	0.95	1	1	3.478936
Overweight Permit_serv	BOBJ1	82	208.55	Before	Interior Girder 4	38.34	0.95	1	1	3.478936
Overweight Permit_serv	BOBJ1	82	208.55	Before	Interior Girder 5	38.34	0.95	1	1	3.527406
Overweight Permit_serv	BOBJ1	82	208.55	Before	Interior Girder 6	38.34	0.95	1	1	3.175235
Overweight Permit_serv	BOBJ1	82	208.55	Before	Right Exterior Girder	38.34	0.95	1	1	2.922599
Overweight Permit_serv	BOBJ1	83	208.55	After	Left Exterior Girder	38.34	0.95	1	1	2.872931
Overweight Permit_serv	BOBJ1	83	208.55	After	Interior Girder 1	38.34	0.95	1	1	3.197881
Overweight Permit_serv	BOBJ1	83	208.55	After	Interior Girder 2	38.34	0.95	1	1	3.517124
Overweight Permit_serv	BOBJ1	83	208.55	After	Interior Girder 3	38.34	0.95	1	1	3.460694
Overweight Permit_serv	BOBJ1	83	208.55	After	Interior Girder 4	38.34	0.95	1	1	3.460694
Overweight Permit_serv	BOBJ1	83	208.55	After	Interior Girder 5	38.34	0.95	1	1	3.517124
Overweight Permit_serv	BOBJ1	83	208.55	After	Interior Girder 6	38.34	0.95	1	1	3.197881
Overweight Permit_serv	BOBJ1	83	208.55	After	Right Exterior Girder	38.34	0.95	1	1	2.872931
Overweight Permit_serv	BOBJ1	84	215.1233	Before	Left Exterior Girder	44.9133	0.95	1	1	3.809614
Overweight Permit_serv	BOBJ1	84	215.1233	Before	Interior Girder 1	44.9133	0.95	1	1	3.579889
Overweight Permit_serv	BOBJ1	84	215.1233	Before	Interior Girder 2	44.9133	0.95	1	1	3.930901
Overweight Permit_serv	BOBJ1	84	215.1233	Before	Interior Girder 3	44.9133	0.95	1	1	3.682996
Overweight Permit_serv	BOBJ1	84	215.1233	Before	Interior Girder 4	44.9133	0.95	1	1	3.682996
Overweight Permit_serv	BOBJ1	84	215.1233	Before	Interior Girder 5	44.9133	0.95	1	1	3.930901

TABLE: Bridge Super Rating AASHTORATE18 31 - SteelICompServ-Flx - Approach, Span 16-19										
Request	BridgeObj	BridgeCut	Station	Location	Girder	GirderDist	CondFact	SystFact	ResistFact	M3Rating
Text	Text	Unitless	ft	Text	Text	ft	Unitless	Unitless	Unitless	Unitless
Overweight Permit_serv	BOBJ1	84	215.1233	Before	Interior Girder 6	44.9133	0.95	1	1	3.579889
Overweight Permit_serv	BOBJ1	84	215.1233	Before	Right Exterior Girder	44.9133	0.95	1	1	3.809614
Overweight Permit_serv	BOBJ1	85	215.1233	After	Left Exterior Girder	44.9133	0.95	1	1	3.69856
Overweight Permit_serv	BOBJ1	85	215.1233	After	Interior Girder 1	44.9133	0.95	1	1	3.596739
Overweight Permit_serv	BOBJ1	85	215.1233	After	Interior Girder 2	44.9133	0.95	1	1	3.858935
Overweight Permit_serv	BOBJ1	85	215.1233	After	Interior Girder 3	44.9133	0.95	1	1	3.588274
Overweight Permit_serv	BOBJ1	85	215.1233	After	Interior Girder 4	44.9133	0.95	1	1	3.588274
Overweight Permit_serv	BOBJ1	85	215.1233	After	Interior Girder 5	44.9133	0.95	1	1	3.858935
Overweight Permit_serv	BOBJ1	85	215.1233	After	Interior Girder 6	44.9133	0.95	1	1	3.596739
Overweight Permit_serv	BOBJ1	85	215.1233	After	Right Exterior Girder	44.9133	0.95	1	1	3.69856
Overweight Permit_serv	BOBJ1	86	221.6967	Before	Left Exterior Girder	51.4867	0.95	1	1	7.187536
Overweight Permit_serv	BOBJ1	86	221.6967	Before	Interior Girder 1	51.4867	0.95	1	1	5.927638
Overweight Permit_serv	BOBJ1	86	221.6967	Before	Interior Girder 2	51.4867	0.95	1	1	6.178768
Overweight Permit_serv	BOBJ1	86	221.6967	Before	Interior Girder 3	51.4867	0.95	1	1	5.626649
Overweight Permit_serv	BOBJ1	86	221.6967	Before	Interior Girder 4	51.4867	0.95	1	1	5.626649
Overweight Permit_serv	BOBJ1	86	221.6967	Before	Interior Girder 5	51.4867	0.95	1	1	6.178768
Overweight Permit_serv	BOBJ1	86	221.6967	Before	Interior Girder 6	51.4867	0.95	1	1	5.927638
Overweight Permit_serv	BOBJ1	86	221.6967	Before	Right Exterior Girder	51.4867	0.95	1	1	7.187536
Overweight Permit_serv	BOBJ1	87	221.6967	After	Left Exterior Girder	51.4867	0.95	1	1	6.923341
Overweight Permit_serv	BOBJ1	87	221.6967	After	Interior Girder 1	51.4867	0.95	1	1	5.982469
Overweight Permit_serv	BOBJ1	87	221.6967	After	Interior Girder 2	51.4867	0.95	1	1	6.012701
Overweight Permit_serv	BOBJ1	87	221.6967	After	Interior Girder 3	51.4867	0.95	1	1	5.402779
Overweight Permit_serv	BOBJ1	87	221.6967	After	Interior Girder 4	51.4867	0.95	1	1	5.402779
Overweight Permit_serv	BOBJ1	87	221.6967	After	Interior Girder 5	51.4867	0.95	1	1	6.012701
Overweight Permit_serv	BOBJ1	87	221.6967	After	Interior Girder 6	51.4867	0.95	1	1	5.982469
Overweight Permit_serv	BOBJ1	87	221.6967	After	Right Exterior Girder	51.4867	0.95	1	1	6.923341
Overweight Permit_serv	BOBJ1	88	228.27	Before	Left Exterior Girder	58.06	0.95	1	1	371.937209
Overweight Permit_serv	BOBJ1	88	228.27	Before	Interior Girder 1	58.06	0.95	1	1	385.994203
Overweight Permit_serv	BOBJ1	88	228.27	Before	Interior Girder 2	58.06	0.95	1	1	241.60941
Overweight Permit_serv	BOBJ1	88	228.27	Before	Interior Girder 3	58.06	0.95	1	1	185.35168
Overweight Permit_serv	BOBJ1	88	228.27	Before	Interior Girder 4	58.06	0.95	1	1	185.351679
Overweight Permit_serv	BOBJ1	88	228.27	Before	Interior Girder 5	58.06	0.95	1	1	241.609409
Overweight Permit_serv	BOBJ1	88	228.27	Before	Interior Girder 6	58.06	0.95	1	1	385.994203
Overweight Permit_serv	BOBJ1	88	228.27	Before	Right Exterior Girder	58.06	0.95	1	1	371.937209

TDOT Department of Transportation



5. Load Rating Analysis – Floor Beam

Gresham Smith

Genuine Ingenuity

222 Second Avenue South / Suite 1400

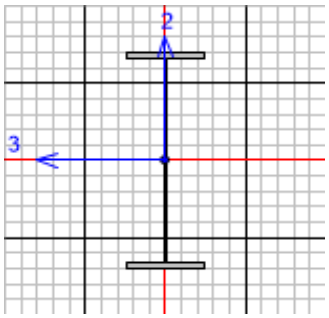
Nashville, Tennessee 37201 / Phone 615.770.8100

June 30th, 2020

AASHTO LRFD STEEL SECTION CHECK

Combo : Design Lcomb

Units : Kip, ft, F



Frame : 95 Design Sect: W30x108

X Mid : 23. Design Type: Beam

Y Mid : -13.375 Frame Type : Moment Resisting Frame

Z Mid : -0.75 Sect Class : Plastic

Length : 8.917 Major Axis : 0. degrees counterclockwise from local 3

Loc : 0. RLLF : 1.

Area	: 0.22	SMajor	: 0.173	rMajor	: 0.99	AVMajor	: 0.113
IMajor	: 0.216	SMinor	: 0.016	rMinor	: 0.179	AVMinor	: 0.092
IMinor	: 0.007	ZMajor	: 0.2	E	: 4176000.		
Ixy	: 0.	ZMinor	: 0.025	Fy	: 4752.		

STRESS CHECK FORCES & MOMENTS

Location	Pu	Mu33	Mu22	Vu2	Vu3	Tu
0.	11.198	-26.105	-6.081	-4.294	-1.285	0.06

PMM DEMAND/CAPACITY RATIO

Governing Equation	Total Ratio		P Ratio		MMajor Ratio		MMinor Ratio	Ratio Limit	Status Check
(6.8.2.3-1)	0.086	=	0.006	+	0.027	+	0.053	0.95	OK

AXIAL FORCE DESIGN

	Pu Force	phi*Pnc Capacity	phi*Pnt Capacity
Axial	11.198	822.886	993.795

MOMENT DESIGN

	Mu Moment	phi*Mn Capacity	Cm Factor	Db Factor	Ds Factor	K Factor	L Factor	Cb Factor
Major Moment	-26.105	951.5	1.	1.	1.	1.	1.	1.34
Minor Moment	-6.081	114.988	1.	1.	1.	1.	1.	

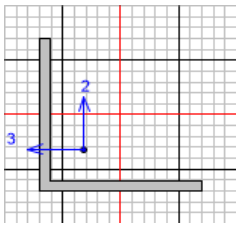
SHEAR DESIGN

	Vu Force	phi*Vn Capacity	Stress Ratio	Status Check	Tu Torsion
Major Shear	4.294	295.31	0.015	OK	0.
Minor Shear	1.285	304.747	0.004	OK	0.

AASHTO LRFD STEEL SECTION CHECK

Combo : Design Lcomb

Units : Kip, ft, F



Frame	: 217	Design Sect: Int. FB_diag					
X Mid	: 135.	Design Type: Brace					
Y Mid	: -22.292	Frame Type : Moment Resisting Frame					
Z Mid	: -7.448	Sect Class : Slender					
Length	: 15.371	Major Axis : 0. degrees counterclockwise from local 3					
Loc	: 7.686	RLLF : 1.					
Area	: 0.03	SMajor : 0.002	rMajor : 0.157	AVMajor: 0.016			
IMajor	: 7.420E-04	SMinor : 0.002	rMinor : 0.157	AVMinor: 0.016			
IMinor	: 7.420E-04	ZMajor : 0.004	rMax : 0.198	E : 4176000.			
Ixy	: -4.430E-04	ZMinor : 0.004	rMin : 0.099	Fy : 4752.			
Theta	: 45.						

DESIGN MESSAGES

Warning: kl/r > 120 (AASHTO 6.9.3)

Warning: l/r > 140 (AASHTO 6.8.4)

STRESS CHECK FORCES & MOMENTS

Location	Pu	Mu33	Mu22	Vu2	Vu3	Tu
7.686	-5.438	0.373	0.	0.	0.	0.

PMM DEMAND/CAPACITY RATIO

Governing Equation	Total Ratio		P Ratio		MMajor Ratio		MMinor Ratio	Ratio Limit	Status Check
(6.9.2.2-1)	0.089	=	0.066	+	0.023	+	0.	0.95	OK

AXIAL FORCE DESIGN

	Pu Force	phi*Pnc Capacity	phi*Pnt Capacity
Axial	-5.438	41.171	136.666

MOMENT DESIGN

	Mu Moment	phi*Mn Capacity	Cm Factor	Db Factor	Ds Factor	K Factor	L Factor	Cb Factor
Major Moment	0.389	17.116	1.	1.044	1.	1.	1.	1.
Minor Moment	0.	11.034	1.	1.044	1.	1.	1.	

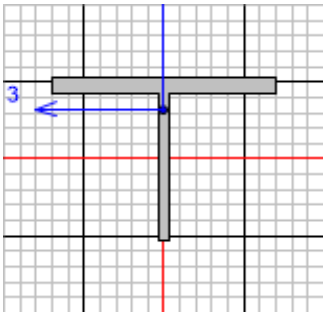
SHEAR DESIGN

	Vu Force	phi*Vn Capacity	Stress Ratio	Status Check	Tu Torsion
Major Shear	0.	43.065	0.	OK	0.
Minor Shear	0.	43.065	0.	OK	0.

AASHTO LRFD STEEL SECTION CHECK

Combo : Design Lcomb

Units : Kip, ft, F



Frame : 116	Design Sect: Int. FB_BC		
X Mid : 67.5	Design Type: Beam		
Y Mid : -17.833	Frame Type : Moment Resisting Frame		
Z Mid : -13.719	Sect Class : Slender		
Length : 17.833	Major Axis : 0. degrees counterclockwise from local 3		
Loc : 8.917	RLLF : 1.		
Area : 0.045	SMajor : 0.002	rMajor : 0.133	AVMajor: 0.014
IMajor : 7.990E-04	SMinor : 0.004	rMinor : 0.164	AVMinor: 0.027
IMinor : 0.001	ZMajor : 0.004	E : 4176000.	
Ixy : 0.	ZMinor : 0.005	Fy : 4752.	

STRESS CHECK FORCES & MOMENTS

Location	Pu	Mu33	Mu22	Vu2	Vu3	Tu
8.917	-24.238	-7.254	0.	-0.408	0.	0.

PMM DEMAND/CAPACITY RATIO

Governing Equation	Total Ratio		P Ratio		MMajor Ratio		MMinor Ratio	Ratio Limit	Status Check
(6.9.2.2-2)	0.962	=	0.227	+	0.735	+	0.	1.	OK

AXIAL FORCE DESIGN

	Pu Force	phi*Pnc Capacity	phi*Pnt Capacity
Axial	-24.238	106.707	202.401

MOMENT DESIGN

	Mu Moment	phi*Mn Capacity	Cm Factor	Db Factor	Ds Factor	K Factor	L Factor	Cb Factor
Major Moment	-7.705	9.32	1.	1.062	1.	1.	0.5	1.498
Minor Moment	0.	17.09	1.	1.183	1.	1.	1.	

SHEAR DESIGN

	Vu Force	phi*Vn Capacity	Stress Ratio	Status Check	Tu Torsion
Major Shear	0.667	34.977	0.019	OK	0.
Minor Shear	0.	88.594	0.	OK	0.

Project: TDOT Bridge Load Rating - Market Street Bascule Span

Calculation of Load Rating Factors for Floor Beam - Top Chord (strength)

Floor Beam - Top Chord (Strength)																				
					DC+DW						LL+IM									
		φM_n (kip-ft)	φP_n (kip)	φT_n (kip)	R_stringer (kip)	M_{dl_max} (kip)	P_{dl_max} (kip)	T_{dl_max} (kip)	Factor	R_stringer (kip)	M_{ll_max} (kip)	P_{ll_max} (kip)	T_{dl_max} (kip)	Factor	φs	φc	RF (M+P)	RF (M+T)	RF
Design Operating	HL-93	951.5	822.9	993.8	11.6	96.6	1.21	0.0	1.25	56.1	303.8	18.6	48.2	1.35	0.85	1	1.78	1.64	1.64
Design Inventory		951.5	822.9	993.8	11.6	96.6	1.21	0.0	1.25	56.1	303.8	18.6	48.2	1.75	0.85	1	1.37	1.27	1.27
Design Operating	HS-20-44	951.5	822.9	993.8	11.6	96.6	1.21	0.0	1.25	51.0	276.2	14.2	37.0	1.35	0.85	1	1.98	1.85	1.85
Design Inventory		951.5	822.9	993.8	11.6	96.6	1.21	0.0	1.25	51.0	276.2	14.2	37.0	1.75	0.85	1	1.53	1.43	1.43
Design Operating	HS-15-44	951.5	822.9	993.8	11.6	96.6	1.21	0.0	1.25	38.3	207.4	10.6	27.8	1.35	0.85	1	2.64	2.46	2.46
Design Inventory		951.5	822.9	993.8	11.6	96.6	1.21	0.0	1.25	38.3	207.4	10.6	27.8	1.75	0.85	1	2.03	1.90	1.90
Design Operating	Lane Load	951.5	822.9	993.8	11.6	96.6	1.21	0.0	1.25	5.1	27.6	4.5	11.3	1.35	0.85	1	17.42	14.69	14.69
Design Inventory		951.5	822.9	993.8	11.6	96.6	1.21	0.0	1.25	5.1	27.6	4.5	11.3	1.75	0.85	1	13.44	11.33	11.33
Legal/SHV	SU4	951.5	822.9	993.8	11.6	96.6	1.21	0.0	1.25	44.7	242.1	12.3	32.4	1.45	0.85	1	2.10	1.96	1.96
	SU5	951.5	822.9	993.8	11.6	96.6	1.21	0.0	1.25	46.4	251.3	13.4	35.3	1.45	0.85	1	2.02	1.88	1.88
	SU6	951.5	822.9	993.8	11.6	96.6	1.21	0.0	1.25	46.4	251.3	14.8	39.0	1.45	0.85	1	2.01	1.86	1.86
	SU7	951.5	822.9	993.8	11.6	96.6	1.21	0.0	1.25	46.4	251.3	15.9	41.8	1.45	0.85	1	2.00	1.84	1.84
	Type 3	951.5	822.9	993.8	11.6	96.6	1.21	0.0	1.25	39.5	213.9	10.8	28.3	1.45	0.85	1	2.38	2.23	2.23
	Type 3S2	951.5	822.9	993.8	11.6	96.6	1.21	0.0	1.25	37.3	202.0	11.3	29.3	1.45	0.85	1	2.50	2.33	2.33
	Type 3-3	951.5	822.9	993.8	11.6	96.6	1.21	0.0	1.25	32.1	173.8	10.7	27.5	1.45	0.85	1	2.89	2.67	2.67
	EV2	951.5	822.9	993.8	11.6	96.6	1.21	0.0	1.25	49.5	268.1	12.4	32.7	1.45	0.85	1	1.91	1.79	1.79
	EV3	951.5	822.9	993.8	11.6	96.6	1.21	0.0	1.25	73.4	397.5	19.4	51.0	1.45	0.85	1	1.28	1.20	1.20
	EV3-Neg	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	Gravel Truck	951.5	822.9	993.8	11.6	96.6	1.21	0.0	1.25	54.0	292.4	16.0	42.1	1.45	0.85	1	1.73	1.61	1.61
	Type 3-3 + Lane	951.5	822.9	993.8	11.6	96.6	1.21	0.0	1.25	25.7	139.2	9.4	24.1	1.45	0.85	1	3.59	3.30	3.30
Permit	Annual Permit 1	951.5	822.9	993.8	11.6	96.6	1.21	0.0	1.25	55.6	301.1	19.9	51.2	1.45	0.85	1	1.66	1.53	1.53
	Annual Permit 2	951.5	822.9	993.8	11.6	96.6	1.21	0.0	1.25	55.6	301.1	21.7	55.5	1.45	0.85	1	1.65	1.51	1.51
	Overweight Permit	951.5	822.9	993.8	11.6	96.6	1.21	0.0	1.25	51.5	278.9	17.7	46.0	1.20	0.85	1	2.17	2.00	2.00

Combined Axial and Flexure Load rating formula: (P or T < 0.2 Pn or Tn)

$$RF := \frac{1 \cdot \varphi_s \cdot \varphi_c - \gamma_{DC} \cdot \left(\frac{P_{DC}}{2 \cdot \varphi \cdot P_n} + \frac{M_{DC}}{\varphi \cdot M_n} \right) - \gamma_{DW} \cdot \left(\frac{P_{DW}}{2 \cdot \varphi \cdot P_n} + \frac{M_{DW}}{\varphi \cdot M_n} \right)}{\gamma_{DC} \cdot \left(\frac{P_{LL_IM}}{2 \cdot \varphi \cdot P_n} + \frac{M_{LL_IM}}{\varphi \cdot M_n} \right)}$$

Project: TDOT Bridge Load Rating - Market Street Bascule Span

Calculation of Load Rating Factors for Floor Beam - Top Chord (service)

Floor Beam - Top Chord (Service)																				
						DC+DW					LL+IM									
		$0.8*\varphi M_n$ (kip-ft)	$0.8*\varphi P_n$ (kip)	$0.8*\varphi T_n$ (kip)	R_stringer (kip)	M_{dl_max} (kip)	P_{dl_max} (kip)	T_{dl_max} (kip)	Factor	R_stringer (kip)	M_{ll_max} (kip)	P_{ll_max} (kip)	T_{dl_max} (kip)	Factor	φs	φc	RF (M+P)	RF (M+T)	RF
Design Operating	HL-93	761.2	658.3	795.0	11.6	96.6	1.21	0.0	1.00	56.1	303.8	18.6	48.2	1.00	0.85	1	1.75	1.68	1.68
Design Inventory		761.2	658.3	795.0	11.6	96.6	1.21	0.0	1.00	56.1	303.8	18.6	48.2	1.30	0.85	1	1.34	1.30	1.30
Design Operating	HS-20-44	761.2	658.3	795.0	11.6	96.6	1.21	0.0	1.00	51.0	276.2	14.2	37.0	1.00	0.85	1	1.93	1.87	1.87
Design Inventory		761.2	658.3	795.0	11.6	96.6	1.21	0.0	1.00	51.0	276.2	14.2	37.0	1.30	0.85	1	1.49	1.44	1.44
Design Operating	HS-15-44	761.2	658.3	795.0	11.6	96.6	1.21	0.0	1.00	38.3	207.4	10.6	27.8	1.00	0.85	1	2.57	2.49	2.49
Design Inventory		761.2	658.3	795.0	11.6	96.6	1.21	0.0	1.00	38.3	207.4	10.6	27.8	1.30	0.85	1	1.98	1.92	1.92
Design Operating	Lane Load	761.2	658.3	795.0	11.6	96.6	1.21	0.0	1.00	5.1	27.6	4.5	11.3	1.00	0.85	1	18.19	16.66	16.66
Design Inventory		761.2	658.3	795.0	11.6	96.6	1.21	0.0	1.00	5.1	27.6	4.5	11.3	1.30	0.85	1	13.99	12.82	12.82
Legal/SHV	SU4	761.2	658.3	795.0	11.6	96.6	1.21	0.0	1.00	44.7	242.1	12.3	32.4	1.30	0.85	1	1.70	1.64	1.64
	SU5	761.2	658.3	795.0	11.6	96.6	1.21	0.0	1.00	46.4	251.3	13.4	35.3	1.30	0.85	1	1.63	1.58	1.58
	SU6	761.2	658.3	795.0	11.6	96.6	1.21	0.0	1.00	46.4	251.3	14.8	39.0	1.30	0.85	1	1.63	1.57	1.57
	SU7	761.2	658.3	795.0	11.6	96.6	1.21	0.0	1.00	46.4	251.3	15.9	41.8	1.30	0.85	1	1.62	1.56	1.56
	Type 3	761.2	658.3	795.0	11.6	96.6	1.21	0.0	1.00	39.5	213.9	10.8	28.3	1.30	0.85	1	1.92	1.86	1.86
	Type 3S2	761.2	658.3	795.0	11.6	96.6	1.21	0.0	1.00	37.3	202.0	11.3	29.3	1.30	0.85	1	2.03	1.96	1.96
	Type 3-3	761.2	658.3	795.0	11.6	96.6	1.21	0.0	1.00	32.1	173.8	10.7	27.5	1.30	0.85	1	2.35	2.26	2.26
	EV2	761.2	658.3	795.0	11.6	96.6	1.21	0.0	1.00	49.5	268.1	12.4	32.7	1.30	0.85	1	1.54	1.49	1.49
	EV3	761.2	658.3	795.0	11.6	96.6	1.21	0.0	1.00	73.4	397.5	19.4	51.0	1.30	0.85	1	1.03	1.00	1.00
	EV3-Neg	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	Gravel Truck	761.2	658.3	795.0	11.6	96.6	1.21	0.0	1.00	54.0	292.4	16.0	42.1	1.00	0.85	1	1.82	1.76	1.76
	Type 3-3 + Lane	761.2	658.3	795.0	11.6	96.6	1.21	0.0	1.00	25.7	139.2	9.4	24.1	1.00	0.85	1	3.80	3.65	3.65
Permit	Annual Permit 1	761.2	658.3	795.0	11.6	96.6	1.21	0.0	1.00	55.6	301.1	19.9	51.2	1.00	0.85	1	1.76	1.69	1.69
	Annual Permit 2	761.2	658.3	795.0	11.6	96.6	1.21	0.0	1.00	55.6	301.1	21.7	55.5	1.00	0.85	1	1.75	1.68	1.68
	Overweight Permit	761.2	658.3	795.0	11.6	96.6	1.21	0.0	1.00	51.5	278.9	17.7	46.0	1.00	0.85	1	1.90	1.83	1.83

Combined Axial and Flexure Load rating formula: (P or T < 0.2 Pn or Tn)

$$RF := \frac{1\varphi_s\cdot\varphi_c - \gamma_{DC}\cdot\left(\frac{P_{DC}}{2\varphi\cdot P_n} + \frac{M_{DC}}{\varphi\cdot M_n}\right) - \gamma_{DW}\cdot\left(\frac{P_{DW}}{2\varphi\cdot P_n} + \frac{M_{DW}}{\varphi\cdot M_n}\right)}{\gamma_{DC}\cdot\left(\frac{P_{LL_IM}}{2\varphi\cdot P_n} + \frac{M_{LL_IM}}{\varphi\cdot M_n}\right)}$$

Project: TDOT Bridge Load Rating - Market Street Bascule Span

Calculation of Load Rating Factors for Floor Beam - Bottom Chord (strength)

Floor Beam - Bottom Chord (Strength)																		
		φM_n (kip-ft)	φP_n (kip)	φT_n (kip)	DC+DW				LL+IM				φs	φc	RF (M+P)	RF (M+T)	RF
					M_{dl_max} (kip)	P_{dl_max} (kip)	T_{dl_max} (kip)	Factor	M_{ll_max} (kip)	P_{ll_max} (kip)	T_{dl_max} (kip)	Factor					
Design Operating	HL-93	9.32	106.7	202.4	0.22	0.00	0.61	1.25	3.96	4.80	15.30	1.35	0.85	1	1.36	1.31	1.31
Design Inventory		9.32	106.7	202.4	0.22	0.00	0.61	1.25	3.96	4.80	15.30	1.75	0.85	1	1.05	1.01	1.01
Design Operating	HS-20-44	9.32	106.7	202.4	0.22	0.00	0.61	1.25	2.45	3.08	9.17	1.35	0.85	1	2.19	2.13	2.13
Design Inventory		9.32	106.7	202.4	0.22	0.00	0.61	1.25	2.45	3.08	9.17	1.75	0.85	1	1.69	1.64	1.64
Design Operating	HS-15-44	9.32	106.7	202.4	0.22	0.00	0.61	1.25	1.84	2.31	6.88	1.35	0.85	1	2.92	2.83	2.83
Design Inventory		9.32	106.7	202.4	0.22	0.00	0.61	1.25	1.84	2.31	6.88	1.75	0.85	1	2.25	2.18	2.18
Design Operating	Lane Load	9.32	106.7	202.4	0.22	0.00	0.61	1.25	1.51	1.68	6.33	1.35	0.85	1	3.58	3.42	3.42
Design Inventory		9.32	106.7	202.4	0.22	0.00	0.61	1.25	1.51	1.68	6.33	1.75	0.85	1	2.76	2.64	2.64
Legal/SHV	SU4	9.32	106.7	202.4	0.22	0.00	0.61	1.25	1.91	2.35	7.06	1.45	0.85	1	2.62	2.54	2.54
	SU5	9.32	106.7	202.4	0.22	0.00	0.61	1.25	2.15	2.68	8.02	1.45	0.85	1	2.33	2.26	2.26
	SU6	9.32	106.7	202.4	0.22	0.00	0.61	1.25	2.41	3.00	8.97	1.45	0.85	1	2.08	2.01	2.01
	SU7	9.32	106.7	202.4	0.22	0.00	0.61	1.25	2.67	3.33	9.95	1.45	0.85	1	1.87	1.82	1.82
	Type 3	9.32	106.7	202.4	0.22	0.00	0.61	1.25	1.74	2.16	6.46	1.45	0.85	1	2.88	2.79	2.79
	Type 3S2	9.32	106.7	202.4	0.22	0.00	0.61	1.25	2.27	2.96	8.67	1.45	0.85	1	2.20	2.13	2.13
	Type 3-3	9.32	106.7	202.4	0.22	0.00	0.61	1.25	2.41	3.21	9.32	1.45	0.85	1	2.07	2.01	2.01
	EV2	9.32	106.7	202.4	0.22	0.00	0.61	1.25	1.99	2.48	7.43	1.45	0.85	1	2.52	2.44	2.44
	EV3	9.32	106.7	202.4	0.22	0.00	0.61	1.25	3.03	3.74	11.20	1.45	0.85	1	1.65	1.60	1.60
	EV3-Neg	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	Gravel Truck	9.32	106.7	202.4	0.22	0.00	0.61	1.25	2.58	3.20	9.59	1.45	0.85	1	1.94	1.88	1.88
	Type 3-3 + Lane	9.32	106.7	202.4	0.22	0.00	0.61	1.25	2.28	2.94	8.90	1.45	0.85	1	2.19	2.12	2.12
Permit	Annual Permit 1	9.32	106.7	202.4	0.22	0.00	0.61	1.25	4.52	6.27	17.42	1.45	0.85	1	1.10	1.07	1.07
	Annual Permit 2	9.32	106.7	202.4	0.22	0.00	0.61	1.25	4.97	6.64	18.60	1.45	0.85	1	1.00	0.98	0.98
	Overweight Permit	9.32	106.7	202.4	0.22	0.00	0.61	1.25	3.86	7.56	14.92	1.20	0.85	1	1.52	1.51	1.51

Combined Axial and Flexure Load rating formula: (P or T < 0.2 Pn or Tn)

$$RF := \frac{1\varphi_s\cdot\varphi_c - \gamma_{DC}\cdot\left(\frac{P_{DC}}{2\varphi\cdot P_n} + \frac{M_{DC}}{\varphi\cdot M_n}\right) - \gamma_{DW}\cdot\left(\frac{P_{DW}}{2\varphi\cdot P_n} + \frac{M_{DW}}{\varphi\cdot M_n}\right)}{\gamma_{DC}\cdot\left(\frac{P_{LL_IM}}{2\varphi\cdot P_n} + \frac{M_{LL_IM}}{\varphi\cdot M_n}\right)}$$

Project: TDOT Bridge Load Rating - Market Street Bascule Span

Calculation of Load Rating Factors for Floor Beam - Bottom Chord (service)

Floor Beam - Bottom Chord (Service)																		
		0.8*φMn (kip-ft)	0.8*φPn (kip)	0.8*φTn (kip)	DC+DW				LL+IM				φs	φc	RF (M+P)	RF (M+T)	RF
					Mdl_max (kip)	Pdl_max (kip)	Tdl_max (kip)	Factor	Mll_max (kip)	Pll_max (kip)	Tdl_max (kip)	Factor					
Design Operating	HL-93	7.46	85.36	161.92	0.22	0.00	0.61	1.00	3.96	4.80	15.30	1.00	0.85	1	1.47	1.42	1.42
Design Inventory		7.46	85.36	161.92	0.22	0.00	0.61	1.00	3.96	4.80	15.30	1.30	0.85	1	1.13	1.09	1.09
Design Operating	HS-20-44	7.46	85.36	161.92	0.22	0.00	0.61	1.00	2.45	3.08	9.17	1.00	0.85	1	2.37	2.30	2.30
Design Inventory		7.46	85.36	161.92	0.22	0.00	0.61	1.00	2.45	3.08	9.17	1.30	0.85	1	1.82	1.77	1.77
Design Operating	HS-15-44	7.46	85.36	161.92	0.22	0.00	0.61	1.00	1.84	2.31	6.88	1.00	0.85	1	3.15	3.06	3.06
Design Inventory		7.46	85.36	161.92	0.22	0.00	0.61	1.00	1.84	2.31	6.88	1.30	0.85	1	2.43	2.35	2.35
Design Operating	Lane Load	7.46	85.36	161.92	0.22	0.00	0.61	1.00	1.51	1.68	6.33	1.00	0.85	1	3.87	3.69	3.69
Design Inventory		7.46	85.36	161.92	0.22	0.00	0.61	1.00	1.51	1.68	6.33	1.30	0.85	1	2.97	2.84	2.84
Legal/SHV	SU4	7.46	85.36	161.92	0.22	0.00	0.61	1.00	1.91	2.35	7.06	1.30	0.85	1	2.34	2.27	2.27
	SU5	7.46	85.36	161.92	0.22	0.00	0.61	1.00	2.15	2.68	8.02	1.30	0.85	1	2.08	2.01	2.01
	SU6	7.46	85.36	161.92	0.22	0.00	0.61	1.00	2.41	3.00	8.97	1.30	0.85	1	1.85	1.80	1.80
	SU7	7.46	85.36	161.92	0.22	0.00	0.61	1.00	2.67	3.33	9.95	1.30	0.85	1	1.67	1.62	1.62
	Type 3	7.46	85.36	161.92	0.22	0.00	0.61	1.00	1.74	2.16	6.46	1.30	0.85	1	2.57	2.49	2.49
	Type 3S2	7.46	85.36	161.92	0.22	0.00	0.61	1.00	2.27	2.96	8.67	1.30	0.85	1	1.96	1.90	1.90
	Type 3-3	7.46	85.36	161.92	0.22	0.00	0.61	1.00	2.41	3.21	9.32	1.30	0.85	1	1.85	1.79	1.79
	EV2	7.46	85.36	161.92	0.22	0.00	0.61	1.00	1.99	2.48	7.43	1.30	0.85	1	2.24	2.17	2.17
	EV3	7.46	85.36	161.92	0.22	0.00	0.61	1.00	3.03	3.74	11.20	1.30	0.85	1	1.47	1.43	1.43
	EV3-Neg	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	Gravel Truck	7.46	85.36	161.92	0.22	0.00	0.61	1.00	2.58	3.20	9.59	1.30	0.85	1	1.73	1.68	1.68
	Type 3-3 + Lane	7.46	85.36	161.92	0.22	0.00	0.61	1.00	2.28	2.94	8.90	1.30	0.85	1	1.96	1.89	1.89
Permit	Annual Permit 1	7.46	85.36	161.92	0.22	0.00	0.61	1.00	4.52	6.27	17.42	1.00	0.85	1	1.28	1.24	1.24
	Annual Permit 2	7.46	85.36	161.92	0.22	0.00	0.61	1.00	4.97	6.64	18.60	1.00	0.85	1	1.16	1.13	1.13
	Overweight Permit	7.46	85.36	161.92	0.22	0.00	0.61	1.00	3.86	7.56	14.92	1.00	0.85	1	1.46	1.45	1.45

Combined Axial and Flexure Load rating formula: (P or T < 0.2 Pn or Tn)

$$RF := \frac{1\varphi_s\cdot\varphi_c - \gamma_{DC}\cdot\left(\frac{P_{DC}}{2\varphi\cdot P_n} + \frac{M_{DC}}{\varphi\cdot M_n}\right) - \gamma_{DW}\cdot\left(\frac{P_{DW}}{2\varphi\cdot P_n} + \frac{M_{DW}}{\varphi\cdot M_n}\right)}{\gamma_{DC}\cdot\left(\frac{P_{LL_IM}}{2\varphi\cdot P_n} + \frac{M_{LL_IM}}{\varphi\cdot M_n}\right)}$$

Project: TDOT Bridge Load Rating - Market Street Bascule Span

Calculation of Load Rating Factors for Floor Beam - Diagonal Chord (strength)

Floor Beam - Diagonal Chord (Strength)														
				DC+DW			LL+IM							
		φP_n (kip)	φT_n (kip)	P_{dl_max} (kip)	T_{dl_max} (kip)	Factor	P_{ll_max} (kip)	T_{dl_max} (kip)	Factor	φs	φc	RF (P)	RF (T)	RF
Design Operating	HL-93	41.2	136.7	0.00	0.62	1.25	15.10	15.10	1.35	0.85	1	1.72	5.66	1.72
Design Inventory		41.2	136.7	0.00	0.62	1.25	15.10	15.10	1.75	0.85	1	1.33	4.37	1.33
Design Operating	HS-20-44	41.2	136.7	0.00	0.62	1.25	9.14	9.14	1.35	0.85	1	2.84	9.35	2.84
Design Inventory		41.2	136.7	0.00	0.62	1.25	9.14	9.14	1.75	0.85	1	2.19	7.22	2.19
Design Operating	HS-15-44	41.2	136.7	0.00	0.62	1.25	6.86	6.86	1.35	0.85	1	3.78	12.46	3.78
Design Inventory		41.2	136.7	0.00	0.62	1.25	6.86	6.86	1.75	0.85	1	2.92	9.61	2.92
Design Operating	Lane Load	41.2	136.7	0.00	0.62	1.25	5.95	5.95	1.35	0.85	1	4.36	14.37	4.36
Design Inventory		41.2	136.7	0.00	0.62	1.25	5.96	5.96	1.75	0.85	1	3.36	11.07	3.36
Legal/SHV	SU4	41.2	136.7	0.00	0.62	1.25	7.04	7.04	1.45	0.85	1	3.43	11.31	3.43
	SU5	41.2	136.7	0.00	0.62	1.25	7.99	7.99	1.45	0.85	1	3.02	9.96	3.02
	SU6	41.2	136.7	0.00	0.62	1.25	8.95	8.95	1.45	0.85	1	2.70	8.89	2.70
	SU7	41.2	136.7	0.00	0.62	1.25	9.92	9.92	1.45	0.85	1	2.43	8.02	2.43
	Type 3	41.2	136.7	0.00	0.62	1.25	6.44	6.44	1.45	0.85	1	3.75	12.36	3.75
	Type 3S2	41.2	136.7	0.00	0.62	1.25	8.61	8.61	1.45	0.85	1	2.81	9.25	2.81
	Type 3-3	41.2	136.7	0.00	0.62	1.25	9.24	9.24	1.45	0.85	1	2.61	8.61	2.61
	EV2	41.2	136.7	0.00	0.62	1.25	7.40	7.40	1.45	0.85	1	3.26	10.76	3.26
	EV3	41.2	136.7	0.00	0.62	1.25	11.20	11.20	1.45	0.85	1	2.16	7.11	2.16
	EV3-Neg	--	--	--	--	--	--	--	--	--	--	--	--	--
	Gravel Truck	41.2	136.7	0.00	0.62	1.25	9.56	9.56	1.45	0.85	1	2.53	8.33	2.53
	Type 3-3 + Lane	41.2	136.7	0.00	0.62	1.25	8.79	8.79	1.45	0.85	1	2.75	9.06	2.75
Permit	Annual Permit 1	41.2	136.7	0.00	0.62	1.25	16.10	16.10	1.45	0.85	1	1.50	4.94	1.50
	Annual Permit 2	41.2	136.7	0.00	0.62	1.25	17.60	17.60	1.45	0.85	1	1.37	4.52	1.37
	Overweight Permit	41.2	136.7	0.00	0.62	1.25	13.65	13.65	1.20	0.85	1	2.14	7.05	2.14

Project: TDOT Bridge Load Rating - Market Street Bascule Span

Calculation of Load Rating Factors for Floor Beam - Diagonal Chord (service)

Floor Beam - Diagonal Chord (Service)														
		$0.8*\varphi P_n$ (kip)	$0.8*\varphi T_n$ (kip)	DC+DW			LL+IM			φs	φc	RF (P)	RF (T)	RF
				P_{dl_max} (kip)	T_{dl_max} (kip)	Factor	P_{ll_max} (kip)	T_{dl_max} (kip)	Factor					
Design Operating	HL-93	33.0	109.4	0.00	0.62	1.00	15.10	15.10	1.00	0.85	1	1.86	6.11	1.86
Design Inventory		33.0	109.4	0.00	0.62	1.00	15.10	15.10	1.30	0.85	1	1.43	4.70	1.43
Design Operating	HS-20-44	33.0	109.4	0.00	0.62	1.00	9.14	9.14	1.00	0.85	1	3.07	10.10	3.07
Design Inventory		33.0	109.4	0.00	0.62	1.00	9.14	9.14	1.30	0.85	1	2.36	7.77	2.36
Design Operating	HS-15-44	33.0	109.4	0.00	0.62	1.00	6.86	6.86	1.00	0.85	1	4.08	13.46	4.08
Design Inventory		33.0	109.4	0.00	0.62	1.00	6.86	6.86	1.30	0.85	1	3.14	10.35	3.14
Design Operating	Lane Load	33.0	109.4	0.00	0.62	1.00	5.95	5.95	1.00	0.85	1	4.71	15.52	4.71
Design Inventory		33.0	109.4	0.00	0.62	1.00	5.96	5.96	1.30	0.85	1	3.62	11.92	3.62
Legal/SHV	SU4	33.0	109.4	0.00	0.62	1.00	7.04	7.04	1.30	0.85	1	3.06	10.09	3.06
	SU5	33.0	109.4	0.00	0.62	1.00	7.99	7.99	1.30	0.85	1	2.70	8.89	2.70
	SU6	33.0	109.4	0.00	0.62	1.00	8.95	8.95	1.30	0.85	1	2.41	7.94	2.41
	SU7	33.0	109.4	0.00	0.62	1.00	9.92	9.92	1.30	0.85	1	2.17	7.16	2.17
	Type 3	33.0	109.4	0.00	0.62	1.00	6.44	6.44	1.30	0.85	1	3.35	11.03	3.35
	Type 3S2	33.0	109.4	0.00	0.62	1.00	8.61	8.61	1.30	0.85	1	2.50	8.25	2.50
	Type 3-3	33.0	109.4	0.00	0.62	1.00	9.24	9.24	1.30	0.85	1	2.33	7.69	2.33
	EV2	33.0	109.4	0.00	0.62	1.00	7.40	7.40	1.30	0.85	1	2.91	9.60	2.91
	EV3	33.0	109.4	0.00	0.62	1.00	11.20	11.20	1.30	0.85	1	1.92	6.34	1.92
	EV3-Neg	--	--	--	--	--	--	--	--	--	--	--	--	--
	Gravel Truck	33.0	109.4	0.00	0.62	1.00	9.56	9.56	1.30	0.85	1	2.25	7.43	2.25
	Type 3-3 + Lane	33.0	109.4	0.00	0.62	1.00	8.79	8.79	1.30	0.85	1	2.45	8.08	2.45
Permit	Annual Permit 1	33.0	109.4	0.00	0.62	1.00	16.10	16.10	1.00	0.85	1	1.74	5.74	1.74
	Annual Permit 2	33.0	109.4	0.00	0.62	1.00	17.60	17.60	1.00	0.85	1	1.59	5.25	1.59
	Overweight Permit	33.0	109.4	0.00	0.62	1.00	13.65	13.65	1.00	0.85	1	2.05	6.76	2.05